RSS-247 ISSUE 4, July 2025
RSS-GEN Issue 5, February 2021 Amendment 2
TEST REPORT

For

Renesas Design Korea Inc.

7th SiliconPark, 35 Pangyo-ro 255 beon-gil Bundang-gu, Seongnam-si, Gyeonggi-do, 13486

IC: 34654-RRQ61051008

Report Type:	**Product Type:**
Original Report	RRQ61051 Module

Report Producer : Charlie Li

Report Number : RLK250801004RF09

Report Date : 2026-01-20

Reviewed By: Jack Hsu Jack Hsu

Prepared By: Bay Area Compliance Laboratories Corp.
(Linkou Laboratory)
No. 6, Wende 2Rd., Guishan Dist.,
Taoyuan City 33382, Taiwan (R.O.C.).
Tel: +886 (3) 3961072
Fax: +886 (3) 3961027
www.baclcorp.com.tw

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Revision History

Revision	No.	Report Number	Issue Date	Description	Author/ Revised by
0.0	RLK250801004	RLK250801004RF09	2026-01-20	Original Report	Charlie Li

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1 General Information

1.1 Product Description for Equipment under Test (EUT)

Applicant	Renesas Design Korea Inc.
	7th SiliconPark, 35 Pangyo-ro 255 beon-gil Bundang-gu, Seongnam-si, Gyeonggi-do, 13486
Brand(Trade) Name	Renesas
Product (Equipment)	RRQ61051 Module
Main Model Name	RRQ61051-008
Series Models	N/A
Model Discrepancy	N/A
Frequency Range	IEEE 802.11a/n HT20/ac VHT20/ax HE20 Mode:5150 ~ 5250 MHz IEEE 802.11a/n HT20/ac VHT20/ax HE20 Mode:5250 ~ 5350 MHz **IEEE 802.11a/n HT20/ac VHT20/ax HE20 Mode:5470 ~ 5725 MHz IEEE 802.11a/n HT20/ac VHT20/ax HE20 Mode:5725 ~ 5850 MHz
Maximum Conducted Average Output Power	5150-5250 MHz: 15.48 dBm 5250-5350 MHz: 15.68 dBm **5470-5725 MHz: 17.18 dBm 5725-5850 MHz: 14.17 dBm
Modulation Technique	IEEE 802.11a Mode: OFDM IEEE 802.11n HT20 Mode: OFDM IEEE 802.11ac VHT20 Mode: OFDM IEEE 802.11ax HE20 Mode: OFDMA
Power Operation (Voltage Range)	☐ AC 120V/60Hz ☐ Adapter ☐ By AC Power Cord ☐ PoE
	☐ DC Type ☐ Battery ☐ DC Power Supply ☐ External from USB Cable ☐ External DC Adapter
	☒ 3.3Vdc
Received Date	Aug 01, 2025
Date of Test	Sep. 25, 2025～ Jan. 16, 2026

*All measurement and test data in this report was gathered from production sample serial number:

RLK250801004-01(Assigned by BACL, Linkou Laboratory).

** This product does Without 5.6GHz~5.65GHz.

***This device cannot run both WIFI 2.4G and WIFI 5G simultaneously.

****802.11ax mode only support full RU

1.2 Objective

This report is prepared on behalf of Renesas Design Korea Inc. in accordance with RSS-247 Issue 4, July 2025 and RSS-GEN Issue 5, February 2021 Amendment 2 of the Innovation, Science and Economic Development Canada.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices, RSS-247 Issue 4, July 2025 and RSS-GEN Issue 5, February 2021 Amendment 2 of the Innovation, Science and Economic Development Canada and KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

1.4 Statement of Compliance

Decision Rule: No, (The test results do not include MU judgment)

1. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory).
2. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
3. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
4. The determination of the test results does not require consideration of the uncertainty of the measurement, unless the assessment is required by customer agreement, regulation or standard document specification.
5. Bay Area Compliance Laboratories Corp. (Linkou Laboratory) is not responsible for the authenticity of the information provided by the applicant that affects the test results.

1.5 Measurement Uncertainty

Parameter		Uncertainty
AC Mains		±2.98 (dB)
RF output power, conducted		±3.73 (dB)
Power Spectral Density, conducted		±0.65 (dBm)
Occupied Bandwidth		±0.09 (%)
Unwanted Emissions, conducted		±1.03 (dB)
Emissions, radiated	9kHz~30MHz	±3.20 (dB)
	30 MHz~1GHz	±3.30 (dB)
	1 GHz~18 GHz	±4.99 (dB)
	18 GHz~40 GHz	±4.52 (dB)
Temperature		±0.78 (℃)
Humidity		±0.04 (%)

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

1.6 Environmental Conditions

Test Site	Test Date	Temperature (℃)	Relative Humidity (%)	Test Engineer
AC Line Conducted Emissions	2025/10/21	23.6	52	Cedric Xu
Radiation Spurious Emissions	2025/10/27 ~ 2026/01/16	19 ~ 21	48 ~ 59	Yue
Duty Cycle	2025/09/25	24.1	46	Alan
Emission Bandwidth And Occupied Bandwidth	2025/11/21 ~ 2026/01/14	22.4 ~ 24.1	41 ~ 46	Alan
Maximum Output Power	2025/09/25 ~ 2026/01/14	22.4 ~ 24.1	41 ~ 46	Alan
Power Spectral Density	2025/11/21 ~ 2026/01/14	22.4 ~ 24.1	41 ~ 46	Alan

1.7 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Linkou Laboratory) to collect test data is located on

☒ No.6, Wende 2Rd., Guishan Dist., Taoyuan City 33382, Taiwan (R.O.C.).

Bay Area Compliance Laboratories Corp. (Linkou Laboratory) is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 3546) and the lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: TW3546.

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2 System Test Configuration

2.1 Description of Test Configuration

For 5150 ~ 5250MHz

4 channels are provided for 802.11a, 802.11n (HT20) , 802.11ac (VHT20) , 802.11ax (HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
40	5200	48	5240

802.11a/n20/ac20/ax20 mode Channel 36, 40, 48 were tested.

For 5250 ~ 5350MHz

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20) , 802.11ax (HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
56	5280	64	5320

802.11a/n20/ac20/ax20 mode Channel 52, 60, 64 were tested.

For 5470 ~ 5725MHz

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20) , 802.11ax (HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	116	5580
104	5520	132	5660
108	5540	136	5680
112	5560	140	5700

802.11a/n20/ac20/ax20 mode Channel 100, 116, 140 were tested.

For 5725 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20) , 802.11ax (HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	161	5805
153	5765	165	5825
157	5785	/	/

802.11a/n20/ac20/ax20 mode Channel 149, 157, 165 were tested.

The system was configured for testing in engineering mode, which was provided by manufacturer.

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2.2 EUT Exercise Software

The software was used “TeraTerm5”.

UNII Band	Mode	Channel	Frequency (MHz)	Power setting
UNII-1	802.11a	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	11
		64	5320	9
UNII-2C		100	5500	13
		116	5580	23
		136	5680	12
		140	5700	8
UNII-3		149	5745	10
		157	5785	12
		165	5825	12
UNII-1	802.11n HT20	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	11
		64	5320	9
UNII-2C		100	5500	14
		116	5580	25
		136	5680	11
		140	5700	4
UNII-3		149	5745	10
		157	5785	12
		165	5825	12
UNII-1	802.11ac VHT20	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	11
		64	5320	9
UNII-2C		100	5500	12
		116	5580	18
		136	5680	12
		140	5700	5
UNII-3		149	5745	10
		157	5785	12
		165	5825	12
UNII-1	802.11ax HE20	36	5180	12

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		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	10
		64	5320	9
UNII-2C		100	5500	13
		116	5580	20
		136	5680	12
		140	5700	7
UNII-3		149	5745	10
		157	5785	12
		165	5825	12

The worst case data rates are as follows:

802.11a: 6Mbps

802.11n HT20: MCS0

802.11ac VHT20: MCS0

802.11ax HE20: MCS0

2.3 Equipment Modifications

No modification was made to the EUT.

2.4 Test Mode

Mode 1: Full System (model: RRQ61051-008) for all test item.

2.5 Support Equipment List and Details

No.	Description	Manufacturer	Model
1	Notebook (Lab provided)	DELL	E6410
2	Notebook (Lab provided)	Acer	N16Q1
3	Test Development Board (Customer provided)	RENESAS	EK-RQ61 565-11-C-0001 Ver 3.1
4	DaughterBoard (Customer provided)	RENESAS	RRQ61x1 565-16-B

2.6 External Cable List and Details

No.	Description	Manufacturer	Model
1	USB-A to C cable (Customer provided)	VENTION	COZ

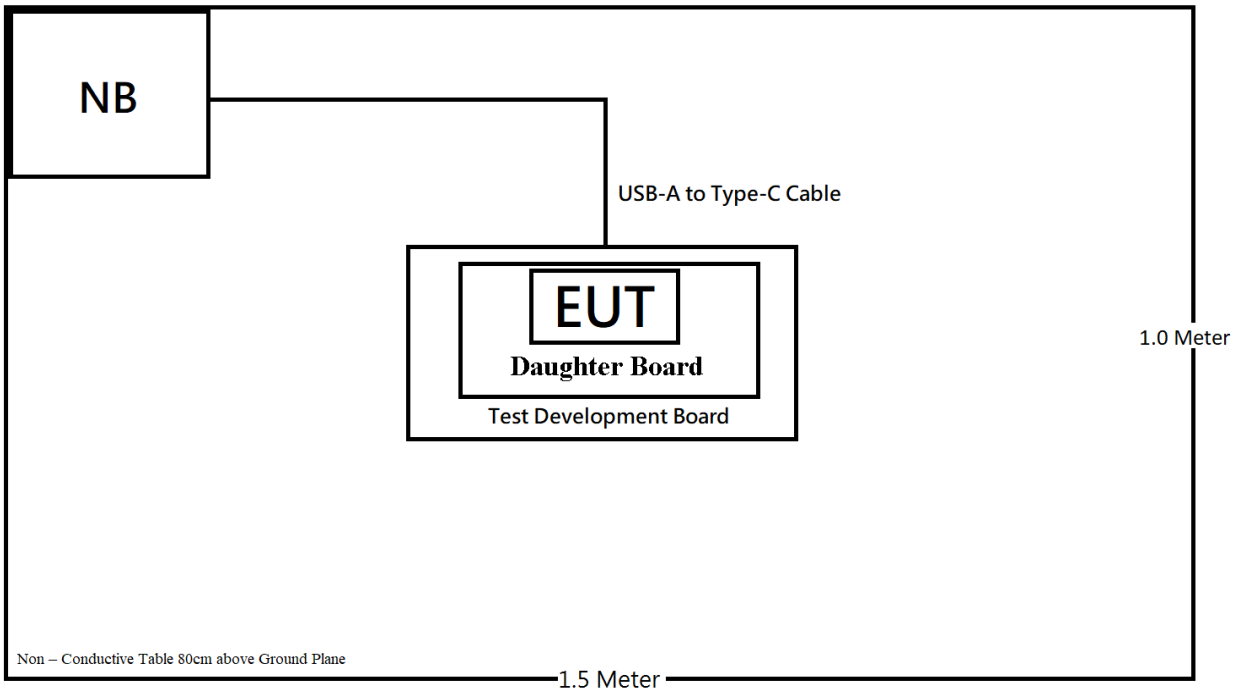
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2.7 Block Diagram of Test Setup

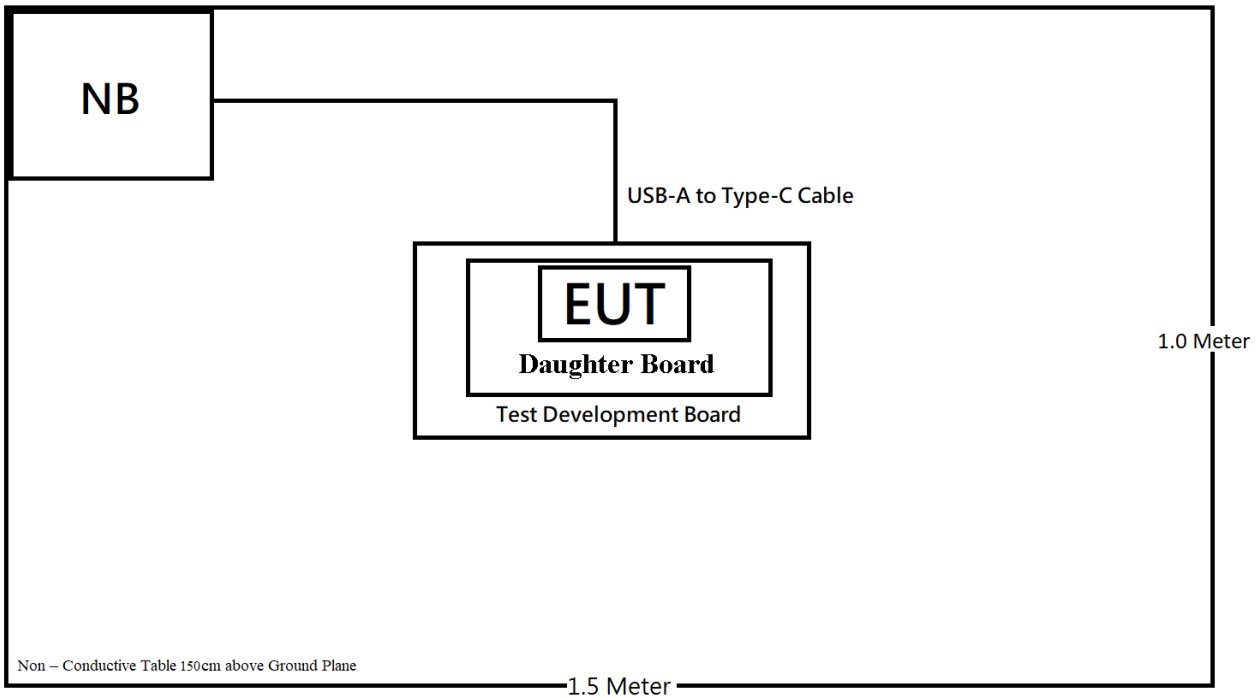
See test photographs attached in setup photos for the actual connections between EUT and support equipment.

Radiation:

Below 1GHz



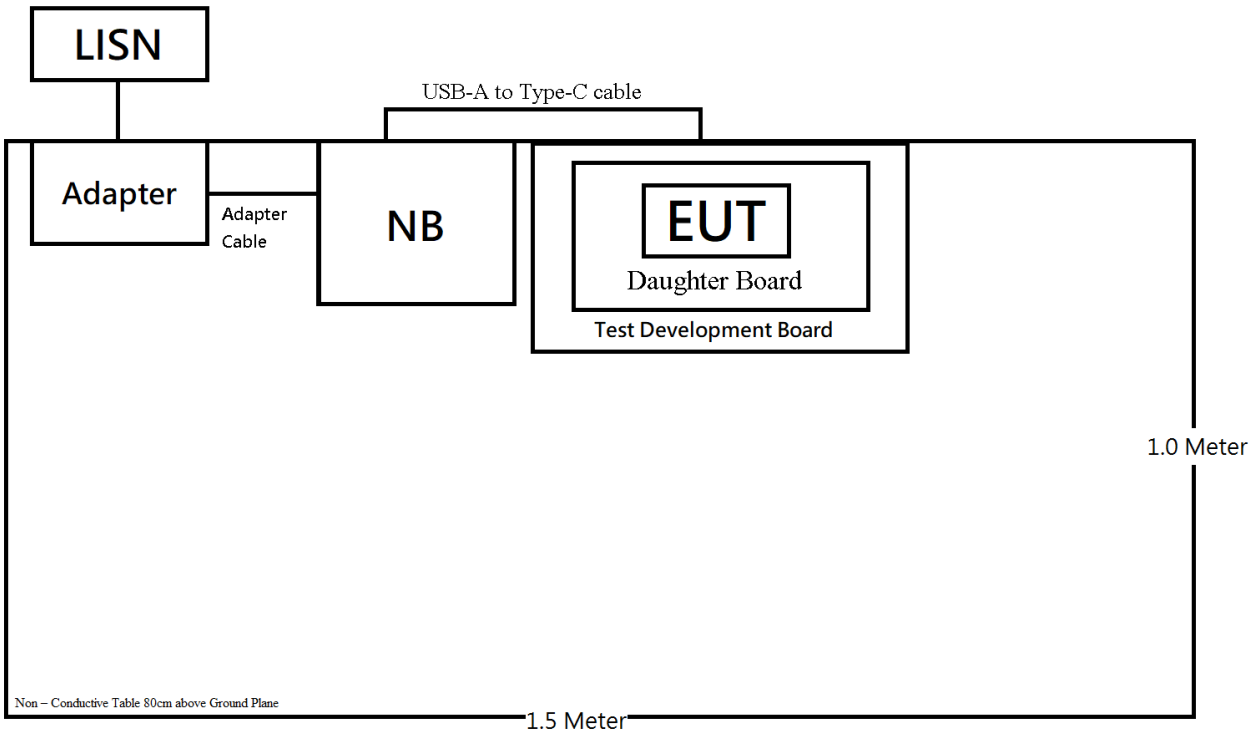
Above 1GHz:



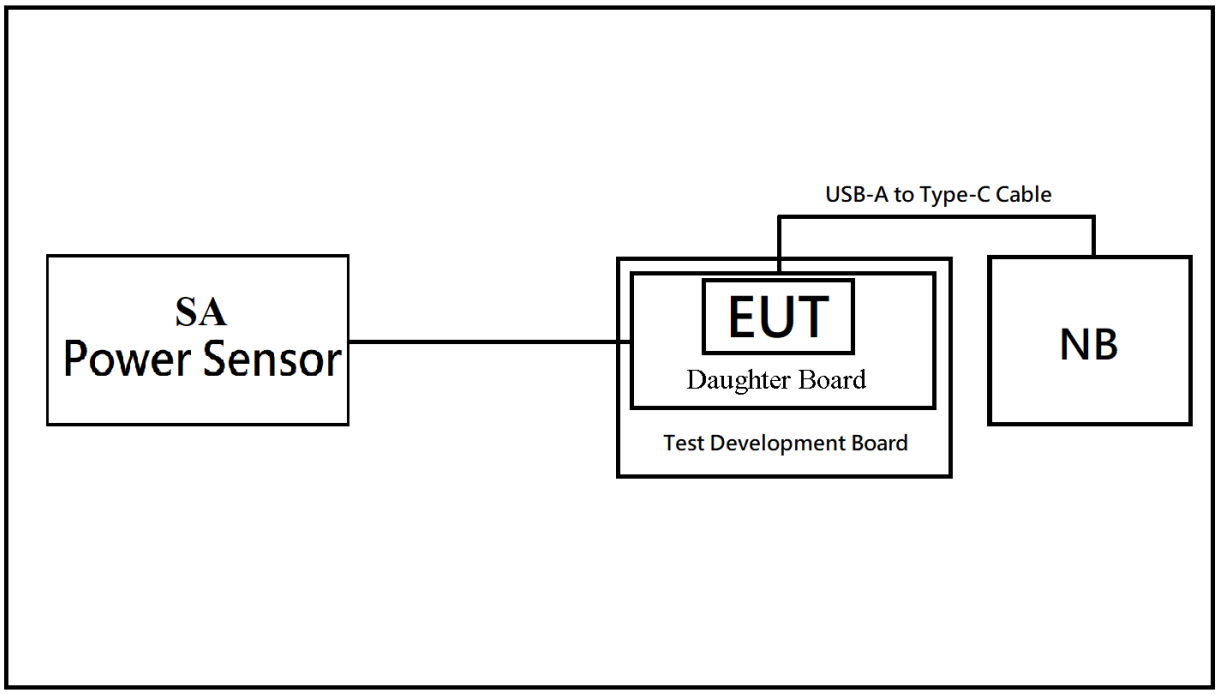
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Conduction:



Conducted:



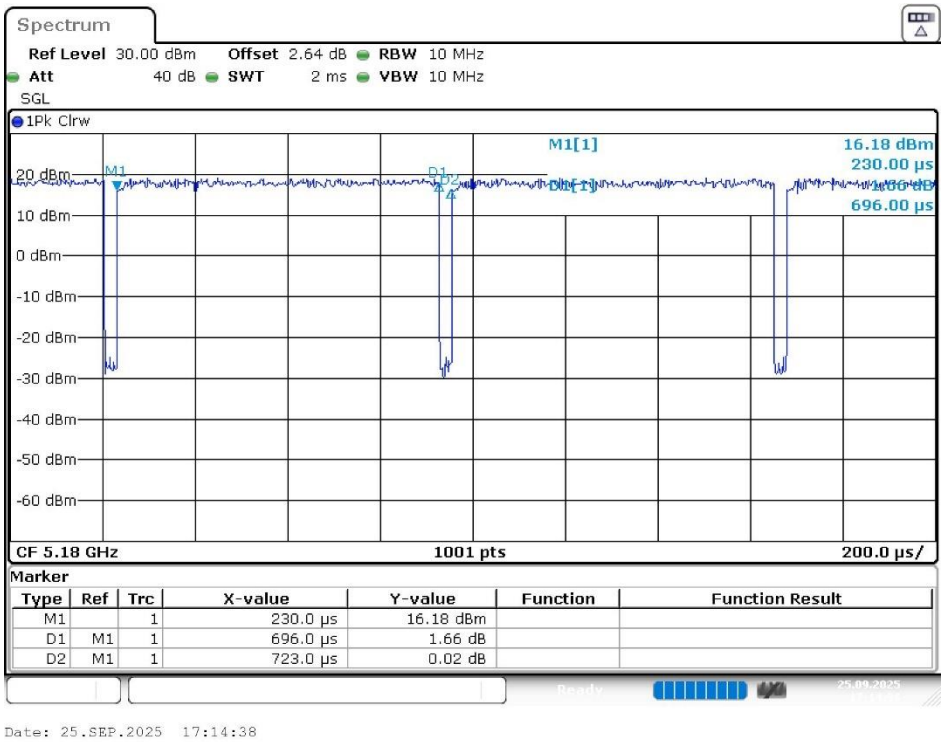
2.8 Duty Cycle

Radio Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T VBW Seting (kHz)	1/T (kHz)
802.11a	0.696	0.723	0.96	0.18	3	1.44
802.11 n20	0.292	0.319	0.92	0.36	5	3.42
802.11 ac20	3.746	3.771	0.99	0.00	/	0.01
802.11 ax20	2.836	2.861	0.99	0.00	/	0.01

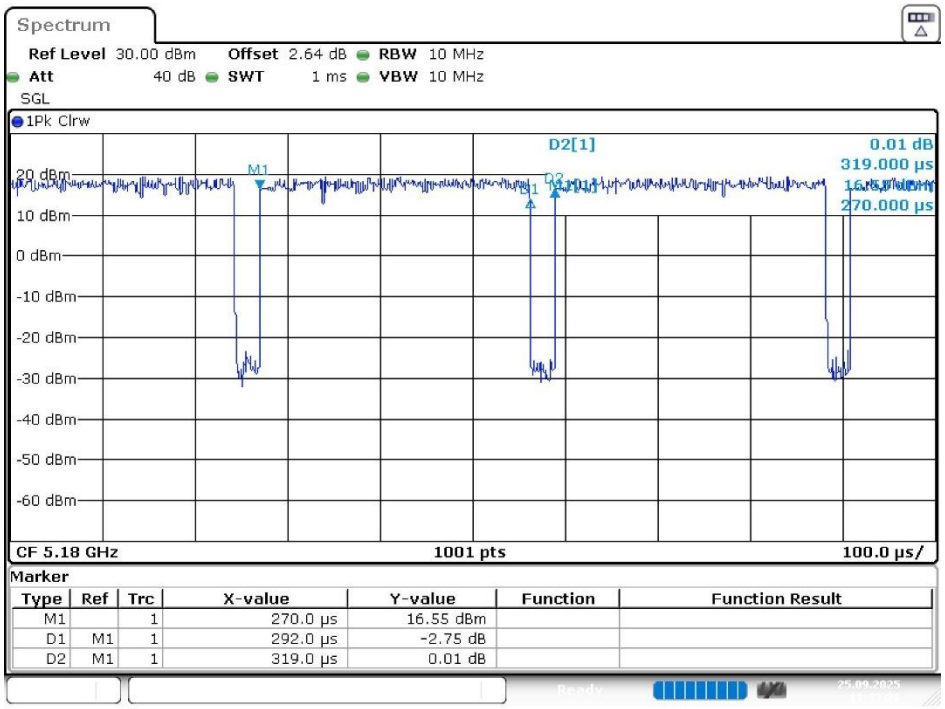
Note: Duty Cycle Correction Factor = 10*log(1/duty cycle)

Please refer to the following plots.

802.11a Mode

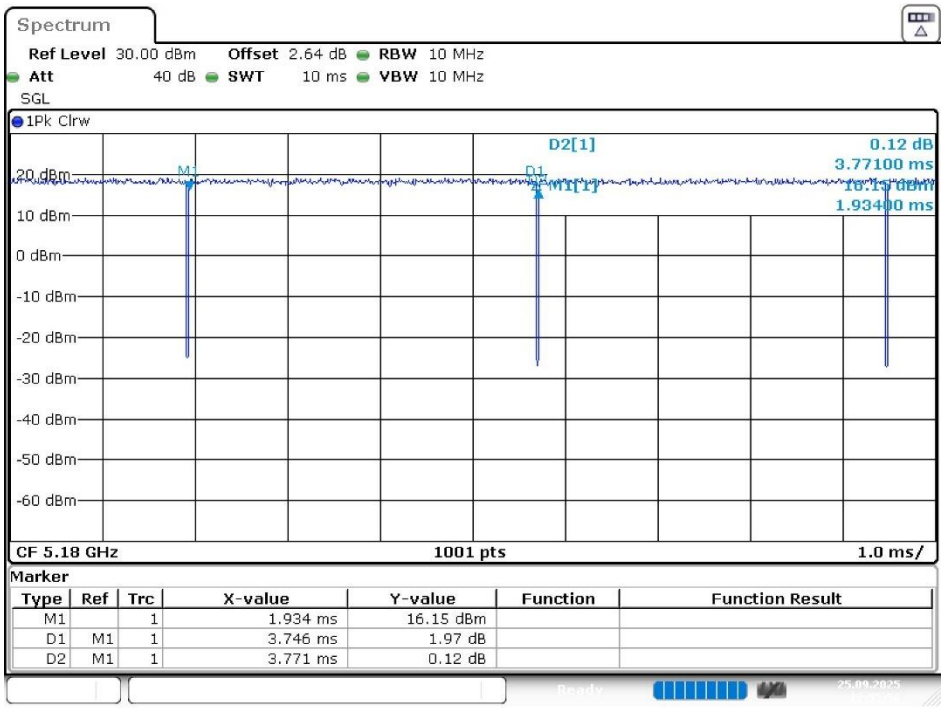


802.11 n20 Mode



Date: 25.SEP.2025 11:35:28

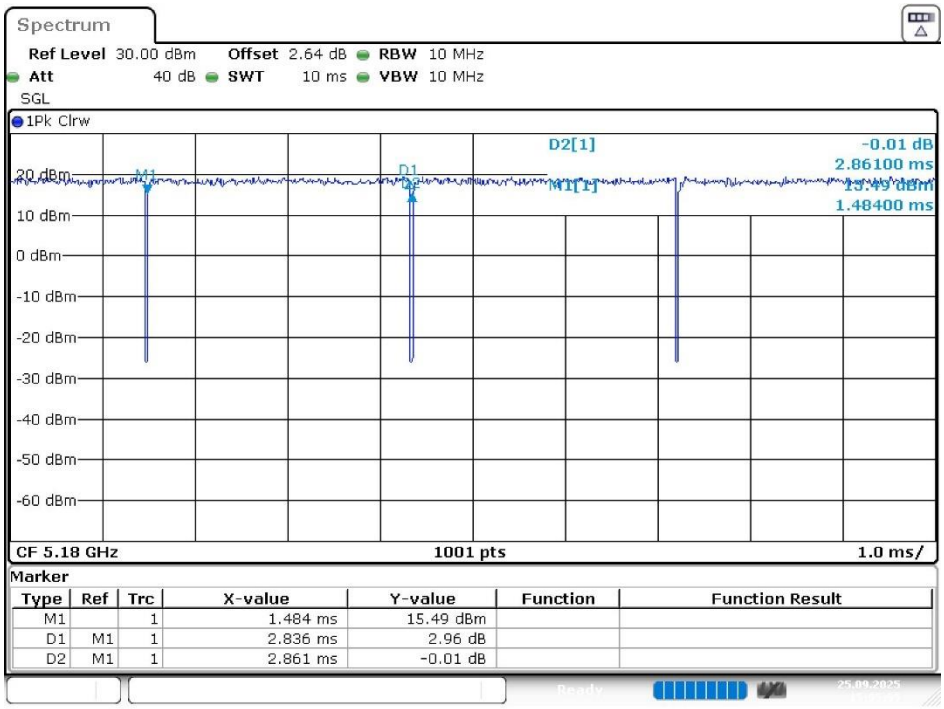
802.11 ac20 Mode



Date: 25.SEP.2025 12:55:58

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802.11 ax20 Mode



Date: 25.SEP.2025 15:05:36

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3 Summary of Test Results

Standard(s) Section	Description of Test	Results
RSS-GEN §6.8	Antenna Requirement	Compliance
RSS- GEN §8.8	AC Line Conducted Emissions	Compliance
RSS-247 §7.3 RSS-GEN §8.9 RSS-GEN §8.10	Unwanted Emission	Compliance
RSS-247 §7.3 RSS- GEN §6.7	Emission Bandwidth and Occupied Bandwidth	Compliance
RSS-247 §7.3	Conducted Transmitter Output Power	Compliance
RSS-247 §7.3	Power Spectral Density	Compliance

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4 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
AC Line Conduction Room (CON-A)					
Pulse Limiter	SCHWARZBECK	VTSD 9561-F	00432	2025/08/14	2026/08/14
ESR EMI Test Receiver	Rohde & Schwarz	ESCI7	100769	2025/04/02	2026/04/02
RF Cable	EMCI	EMCCFD300-BM-BM-3000	221013	2025/10/16	2026/10/16
Two-Line V-Network	Rohde & Schwarz	ENV216	100037	2025/09/15	2026/09/15
Software	Audix	e3 v9	E3LK-03	N.C.R	N.C.R
Radiation 3M Room (966-A)					
Bilog Antenna & 6 dB Attenuator	SUNOL SCIENCES & EMCI	JB3 & N-6-06	A111513 & AT-N0668	2025/04/11	2026/04/11
Active Loop Antenna	ETS-Lindgren	6502	0001-3322	2025/03/27	2026/03/27
Horn Antenna	ETS-Lindgren	3115	109141	2025/08/22	2026/08/22
Horn Antenna	ETS-Lindgren	3160-09	123852	2025/07/18	2026/07/18
Horn Antenna	ETS-Lindgren	3160-10	123855	2025/07/18	2026/07/18
18-40GHz Preamplifier	GLOBAL	1313-A1840	5031382	2025/04/28	2026/04/28
30M-18GHz Preamplifier	A.H. Systems	PAM-0118P	470	2025/03/25	2026/03/25
ESR EMI Test Receiver	Rohde & Schwarz	ESR3	102448	2025/10/02	2026/10/02
Spectrum Analyzer	Rohde & Schwarz	FSV40	101456	2025/06/05	2026/06/05
Microflex Cable (1m)	UTiFLEX	UFB205A-0-0360-000000	W6103	2025/08/01	2026/08/01
Microflex Cable (2m)	EMCI	EMCI06-SM-SM-2000	180515	2025/08/01	2026/08/01
Microflex Cable (8m)	UTIFLEX	UFA210A-1-3149-300300	MFR 64639 232490-001	2025/08/01	2026/08/01
Software	AUDIX	E3 V9	E3LK-01	N.C.R	N.C.R
-10dB Attenuator	MTJ	MTJ604-10	004	2025/04/07	2026/04/07
Band Reject Filter	MICRO-TRONICS	BRM50716	G444	2025/04/30	2026/04/30
Conducted Room					
Cable	MTJ	MT40S	620620-MT40S-100	2025/12/26	2026/01/05
Cable	MTJ	MT40S	620620-MT40S-100	2026/01/05	2027/01/05
Signal and Spectrum Analyzer	Rohde & Schwarz	FSV40	101457	2024/12/04	2025/12/04
Signal and Spectrum Analyzer	Rohde & Schwarz	FSV40	101457	2025/12/03	2026/12/03
USB Wideband Power Sensor	AGILENT	U2021XA	MY54080011	2025/08/26	2026/08/26

***Statement of Traceability:** BACL Corp. attests that all of the calibrations on the equipment items listed above were traceable to the SI System of Units via the R.O.C. Center for Measurement Standards of the Electronics Testing Center, Taiwan (ETC) or to another internationally recognized National Metrology Institute (NMI), and were compliant with the current Taiwan Accreditation Foundation (TAF) requirements.

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5 RSS-GEN §6.8 – Antenna Requirements

5.1 Applicable Standard

According to RSS-Gen §6.8, The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. fo transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer. The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested. For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

5.2 Antenna Information

Manufacturer	Model	Antenna Type	Antenna Gain (dBi)
Renesas	RRQ610x1-008	PCB Antenna	5150~5250 MHz: 3.4 5250~5350 MHz: 3.4 5470~5725 MHz: 3.4 5725~5850 MHz: 3.4

Please refer to the antenna specification for detailed information.

Unit use of a permanently attached antenna

Result: Compliance

6 RSS-GEN §8.8 – AC Line Conducted Emissions

6.1 Applicable Standard

According to RSS-GEN §8.8

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 μH / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56 Note 1	56 to 46 Note 2
0.5-5	56	46
5-30	60	50

Note 1: Decreases with the logarithm of the frequency.

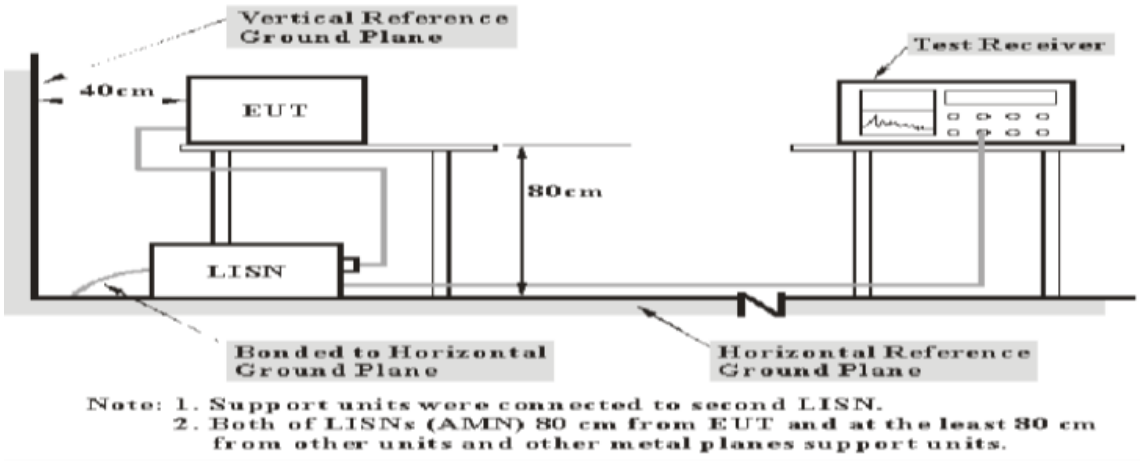
For an EUT with a permanent or detachable antenna operating between 150 kHz and 30 MHz, the AC power-line conducted emissions must be measured using the following configurations:

(a)Perform the AC power-line conducted emissions test with the antenna connected to determine compliance with the limits of table 4 outside the transmitter's fundamental emission band.

(b)Retest with a dummy load instead of the antenna to determine compliance with the limits of table 4 within the transmitter's fundamental emission band. For a detachable antenna, remove the antenna and connect a suitable dummy load to the antenna connector. For a permanent antenna, remove the antenna and terminate the RF output with a dummy load or network that simulates the antenna in the fundamental frequency band.

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6.2 EUT Setup



The setup of EUT is according with per ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024 measurement procedure. The specification used was with the RSS-GEN limits.

6.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150kHz to 30MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations

Frequency Range	IF B/W
150kHz – 30MHz	9kHz

6.4 Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

6.5 Factor & Over Limit Calculation

The factor is calculated by adding LISN/ISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation. The basic equation is as follows:

Factor = LISN VDF + Cable Loss + Transient Limiter Attenuation

The “Over Limit” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -7 dB means the emission is 7 dB below the limit. The equation for Over Limit calculation is as follows:

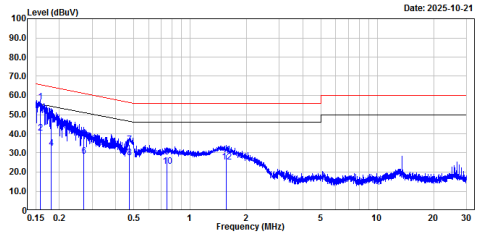
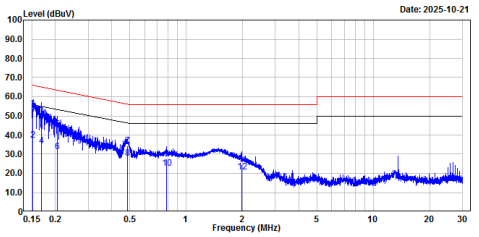
Over Limit = Result – Limit Line

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

6.6 Test Results

Test Mode: Transmitting

UNII-1 Band I 5150~5250 MHz (Worst case is 802.11n20 mode 5200 MHz)

Line	Neutral
	

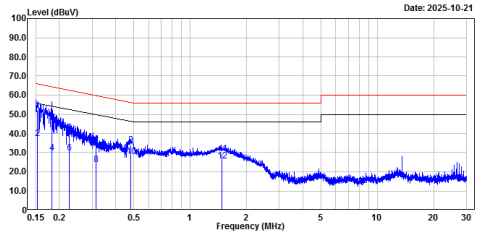
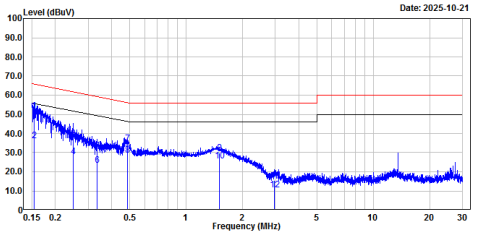
Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B1-N20-5200

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1578	36.46	56.44	19.98	65.58	-9.14	QP
2	0.1578	20.21	40.19	19.98	55.58	-15.39	Average
3	0.1816	27.85	47.83	19.98	64.41	-16.58	QP
4	0.1816	12.34	32.32	19.98	54.41	-22.09	Average
5	0.2713	17.34	37.34	20.00	61.08	-23.74	QP
6	0.2713	8.41	28.41	20.00	51.08	-22.67	Average
7	0.4735	14.31	34.34	20.03	56.45	-22.11	QP
8	0.4735	7.63	27.66	20.03	46.45	-18.79	Average
9	0.7551	7.91	27.95	20.04	56.00	-28.05	QP
10	0.7551	3.02	23.06	20.04	46.00	-22.94	Average
11	1.5600	9.15	29.21	20.06	56.00	-26.79	QP
12	1.5600	5.35	25.41	20.06	46.00	-20.59	Average

Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B1-N20-5200

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1521	34.01	54.02	20.01	65.88	-11.86	QP
2	0.1521	17.32	37.33	20.01	55.88	-18.55	Average
3	0.1688	29.66	49.66	20.00	65.02	-15.36	QP
4	0.1688	14.19	34.19	20.00	55.02	-20.83	Average
5	0.2045	23.22	43.20	19.98	63.43	-20.23	QP
6	0.2045	11.38	31.36	19.98	53.43	-22.07	Average
7	0.4845	14.38	34.37	19.99	56.26	-21.89	QP
8	0.4845	7.96	27.95	19.99	46.26	-18.31	Average
9	0.7851	7.71	27.71	20.00	56.00	-28.29	QP
10	0.7851	2.72	22.72	20.00	46.00	-23.28	Average
11	1.9889	4.63	24.68	20.05	56.00	-31.32	QP
12	1.9889	0.59	20.64	20.05	46.00	-25.36	Average

UNII-2A Band II 5250~5350 MHz (Worst case is 802.11 ax20 mode 5260 MHz)

Line	Neutral
	

Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B2-AX20-5260

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1532	32.12	52.10	19.98	65.83	-13.73	QP
2	0.1532	17.47	37.45	19.98	55.83	-18.38	Average
3	0.1832	25.98	45.96	19.98	64.34	-18.38	QP
4	0.1832	10.00	29.98	19.98	54.34	-24.36	Average
5	0.2262	20.26	40.24	19.98	62.59	-22.35	QP
6	0.2262	9.84	29.82	19.98	52.59	-22.77	Average
7	0.3140	13.51	33.51	20.00	59.87	-26.36	QP
8	0.3140	3.67	23.67	20.00	49.87	-26.20	Average
9	0.4835	13.92	33.95	20.03	56.28	-22.33	QP
10	0.4835	7.97	28.00	20.03	46.28	-18.28	Average
11	1.4855	9.33	29.39	20.06	56.00	-26.61	QP
12	1.4855	5.64	25.70	20.06	46.00	-20.30	Average

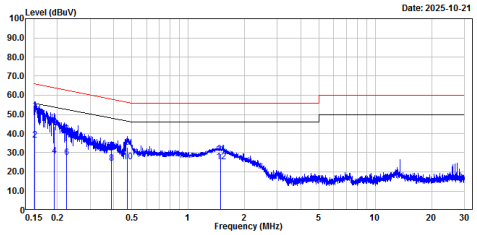
Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B2-AX20-5260

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1544	31.54	51.55	20.01	65.76	-14.21	QP
2	0.1544	16.19	36.20	20.01	55.76	-19.56	Average
3	0.2497	17.29	37.27	19.98	61.77	-24.50	QP
4	0.2497	7.90	27.88	19.98	51.77	-23.89	Average
5	0.3344	10.99	30.98	19.99	59.34	-28.36	QP
6	0.3344	3.37	23.36	19.99	49.34	-25.98	Average
7	0.4845	14.65	34.64	19.99	56.26	-21.62	QP
8	0.4845	8.56	28.55	19.99	46.26	-17.71	Average
9	1.5019	9.67	29.71	20.04	56.00	-26.29	QP
10	1.5019	5.58	25.62	20.04	46.00	-20.38	Average
11	2.9665	-4.52	15.55	20.07	56.00	-40.45	QP
12	2.9665	-9.64	10.43	20.07	46.00	-35.57	Average

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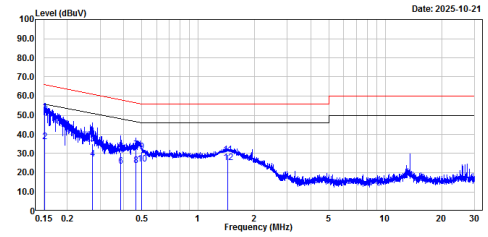
UNII-2C Band III 5470~5725 MHz (Worst case is 802.11 n20 mode 5500 MHz)

Line	Neutral



Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B3-N20-5500

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1517	32.08	52.06	19.98	65.91	-13.85	QP
2	0.1517	16.70	36.68	19.98	55.91	-19.23	Average
3	0.1926	23.84	43.82	19.98	63.92	-20.10	QP
4	0.1926	8.33	28.31	19.98	53.92	-25.61	Average
5	0.2240	19.66	39.64	19.98	62.67	-23.03	QP
6	0.2240	7.56	27.54	19.98	52.67	-25.13	Average
7	0.3884	10.86	30.88	20.02	58.10	-27.22	QP
8	0.3884	4.38	24.40	20.02	48.10	-23.70	Average
9	0.4720	12.63	32.66	20.03	56.48	-23.82	QP
10	0.4720	5.07	25.10	20.03	46.48	-21.38	Average
11	1.4884	9.25	29.31	20.06	56.00	-26.69	QP
12	1.4884	5.32	25.38	20.06	46.00	-20.62	Average

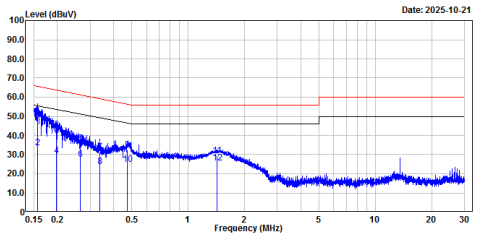


Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B3-N20-5500

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1514	31.84	51.85	20.01	65.93	-14.08	QP
2	0.1514	16.39	36.40	20.01	55.93	-19.53	Average
3	0.2738	14.95	34.93	19.98	61.00	-26.07	QP
4	0.2738	7.33	27.31	19.98	51.00	-23.69	Average
5	0.3873	10.63	30.61	19.98	58.12	-27.51	QP
6	0.3873	3.47	23.45	19.98	48.12	-24.67	Average
7	0.4669	11.95	31.94	19.99	56.57	-24.63	QP
8	0.4669	3.79	23.78	19.99	46.57	-22.79	Average
9	0.4997	11.05	31.04	19.99	56.00	-24.96	QP
10	0.4997	4.48	24.47	19.99	46.00	-21.53	Average
11	1.4387	9.32	29.36	20.04	56.00	-26.64	QP
12	1.4387	5.37	25.41	20.04	46.00	-20.59	Average

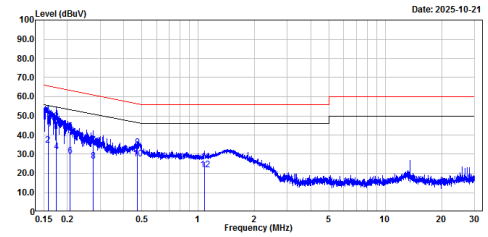
UNII-3 Band IV 5725~5850 MHz (Worst case is 802.11 n20 mode 5785 MHz)

Line	Neutral



Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B4-N20-5785

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1572	30.26	50.24	19.98	65.61	-15.37	QP
2	0.1572	13.51	33.49	19.98	55.61	-22.12	Average
3	0.1971	23.04	43.02	19.98	63.73	-20.71	QP
4	0.1971	9.27	29.25	19.98	53.73	-24.48	Average
5	0.2662	15.91	35.91	20.00	61.23	-25.32	QP
6	0.2662	7.66	27.66	20.00	51.23	-23.57	Average
7	0.3381	11.33	31.35	20.02	59.25	-27.90	QP
8	0.3381	3.94	23.96	20.02	49.25	-25.29	Average
9	0.4730	12.48	32.51	20.03	56.46	-23.95	QP
10	0.4730	4.71	24.74	20.03	46.46	-21.72	Average
11	1.4287	9.26	29.32	20.06	56.00	-26.68	QP
12	1.4287	5.42	25.48	20.06	46.00	-20.52	Average



Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 120V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B4-N20-5785

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1577	30.56	50.56	20.00	65.58	-15.02	QP
2	0.1577	14.60	34.60	20.00	55.58	-20.98	Average
3	0.1743	27.06	47.06	20.00	64.75	-17.69	QP
4	0.1743	11.43	31.43	20.00	54.75	-23.32	Average
5	0.2076	21.72	41.70	19.98	63.30	-21.60	QP
6	0.2076	9.26	29.24	19.98	53.30	-24.06	Average
7	0.2760	14.69	34.67	19.98	60.94	-26.27	QP
8	0.2760	6.46	26.44	19.98	50.94	-24.50	Average
9	0.4749	13.70	33.69	19.99	56.43	-22.74	QP
10	0.4749	7.72	27.71	19.99	46.43	-18.72	Average
11	1.0864	5.88	25.89	20.01	56.00	-30.11	QP
12	1.0864	1.70	21.71	20.01	46.00	-24.29	Average

Note:

Result = Reading + Factor

Over Limit = Result – Limit Line

Factor = (LISN, ISN, PLC or current probe) Factor + Cable Loss + Attenuator

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

7 RSS-247 §7.3, RSS-GEN §8.9, RSS-GEN §8.10 – Spurious Emissions

7.1 Applicable Standard

As per RSS-GEN §8.9: Except where otherwise indicated in the applicable RSS, radiated emissions shall comply with the field strength limits shown in table 5 and table 6. Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

Table 5 – General field strength limits at frequencies above 30 MHz

Frequency (MHz)	Field Strength (µV/m at 3 m)
30 - 88	100
88 - 216	150
216 - 960	200
Above 960	500

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency (MHz)	Field Strength (H-Field) (µA/m)	Measurement distance (m)
9 - 490 kHz[Note 1]	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

Note 2: The limit was added 51.5dB to convert the limit from dBuA/m to dBuV/m.

According to RSS-247 Clause 7.3

5.15-5.25 GHz

For transmitters with operating frequencies in the band 5150-5250 MHz:

a. all emissions outside the 5150-5350 MHz band shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density;
b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.
c. if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS (see section 7.3.6) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

5.25-5.35 GHz

Devices shall comply with the following:

a. all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz peak e.i.r.p spectral density.
b. all emissions inside the band 5150-5250 MHz shall either:
   i. not exceed -27 dBm/MHz peak e.i.r.p spectral density, or
   ii. comply with the power spectral density for operation in section 7.3.1.2.

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5.47-5.725 GHz

Equipment operating in the bands 5470-5725 MHz shall comply with the following unwanted emission limits:

a. for devices with fundamental emissions fully contained within the 5470-5725 MHz band, all unwanted emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density.
b. for devices with bandwidth overlapping the band edge of 5725 MHz, all unwanted emissions shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density at 5850 MHz instead of 5725 MHz.

5.725-5.850 GHz

Equipment operating in the bands 5470-5725 MHz shall comply with the following unwanted emission limits:

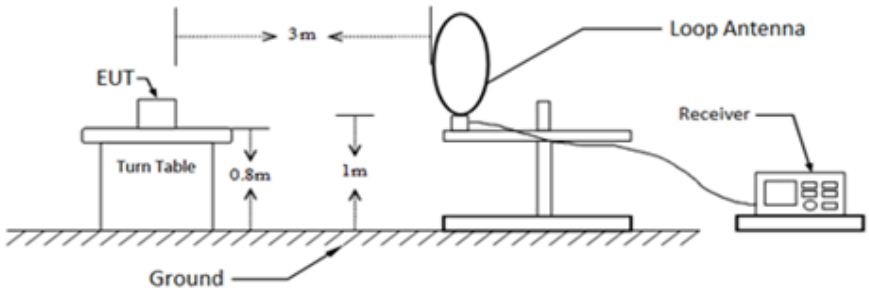
a. for devices with fundamental emissions fully contained within the 5470-5725 MHz band, all unwanted emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density.
b. for devices with bandwidth overlapping the band edge of 5725 MHz, all unwanted emissions shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density at 5850 MHz instead of 5725 MHz.

According to ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, section 5.3.3
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field, and the emissions to be measured can be detected by the measurement equipment (see 4.3.4). Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. Measurements from 18 GHz to 40 GHz are typically made at distances significantly less than 3 m from the EUT. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade of distance (inverse of linear distance for field-strength measurements or inverse of linear distance-squared for power-density measurements).

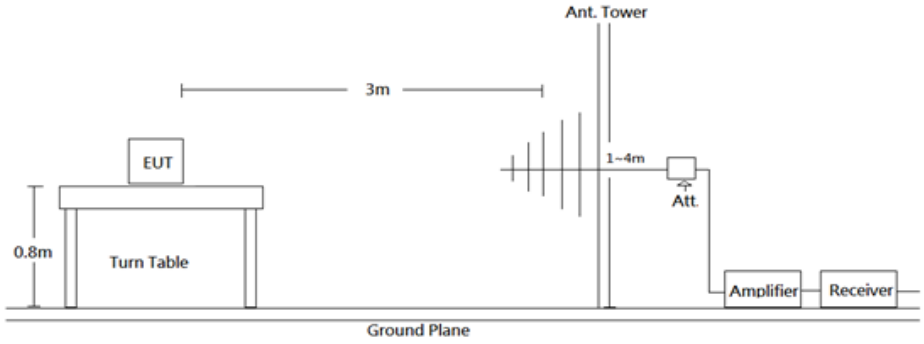
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

7.2 EUT Setup

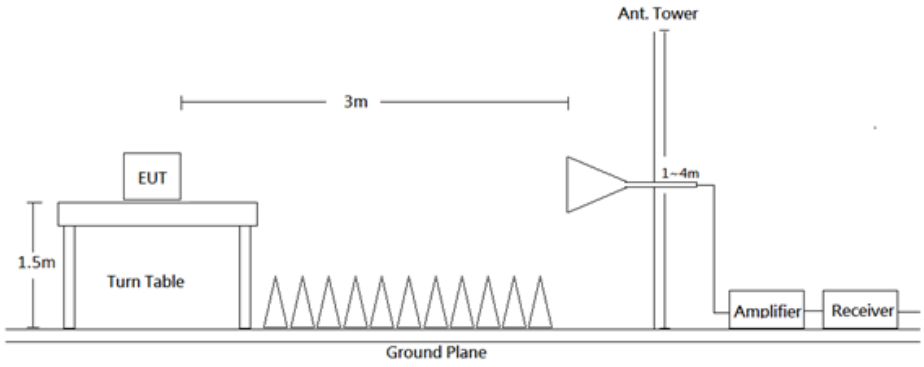
9kHz-30MHz:



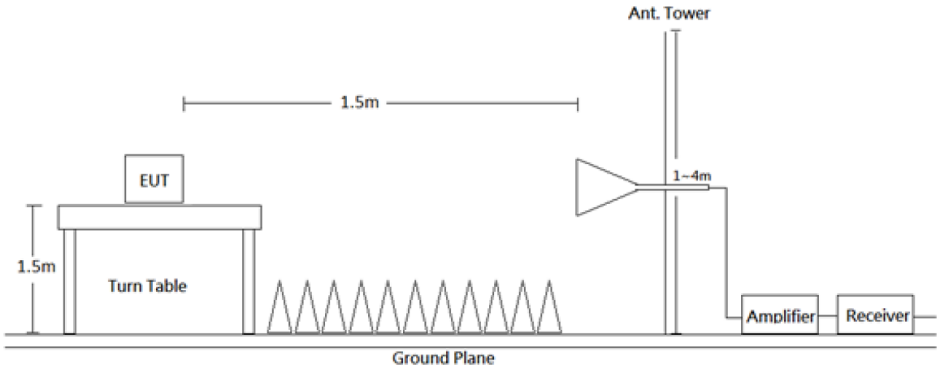
30MHz-1GHz:



1-18 GHz:



18-40 GHz:



Radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024. The specification used was the RSS-247 and RSS-GEN Limits.

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

7.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz. During the radiated emission test, the EMI test receiver was set with the following configurations measurement method 6.3 in ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024.

Frequency Range	RBW	VBW	Duty cycle	Measurement method	Detector
9 kHz - 150 kHz	200 Hz/300 Hz	1 kHz	/	QP/AV	QP/AV
150 kHz - 30 MHz	9 kHz/10 kHz	30 kHz	/	QP/AV	QP/AV
30-1000 MHz	120 kHz	500 kHz	/	QP	QP
Above 1 GHz	Pre-scan :				
	1 MHz	3 MHz	/	PK	PK
	1 MHz	1 kHz	>98%	Ave	PK
	1 MHz	≥ 1/Ton, not less than 1 kHz	<98%	Ave	PK
	Final measurement for emission identified during pre-scan :				
	1 MHz	3 MHz	/	PK	PK
	1 MHz	10 Hz	>98%	Ave	PK
	1 MHz	≥ 1/Ton	<98%	Ave	PK

Note: T is minimum transmission duration

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

7.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

All data was recorded in Quasi-peak and average detector mode from 9 kHz to 30 MHz, Quasi-peak detector mode from 30 MHz to 1 GHz and PK and average detector modes for frequencies above 1 GHz.

According to ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, emission shall be computed as: E [dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters.

All emissions under the average limit and under the noise floor have not recorded in the report

7.5 Factor & Over Limit Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss – Amplifier Gain

The “Over Limit” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -7 dB means the emission is 7 dB below the limit. The equation for Over Limit calculation is as follows:

Over Limit = Level – Limit

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

7.6 Test Results

Test Mode: Transmitting

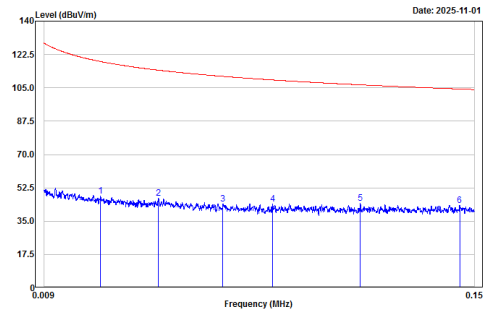
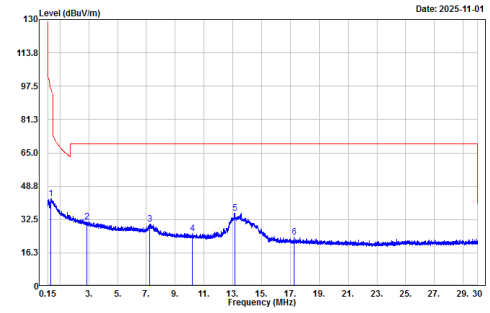
(Pre-scan with three orthogonal axis, and worse case as Y axis.)

9kHz-30MHz:

UNII-1 Band I 5150~5250 MHz

(Pre-scan using three directional polarities, worst case as parallel.)

(Worst case is 802.11n20 mode, 5200 MHz)

9kHz-150kHz	150kHz-30MHz
	

Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5200
RBW/VBW : QP: 300Hz/1K

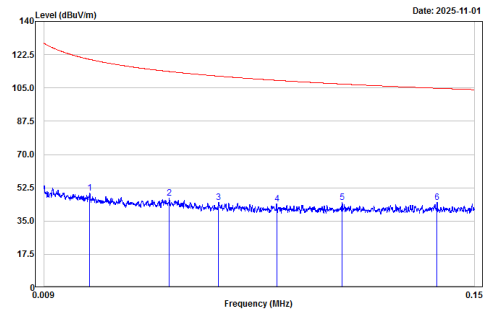
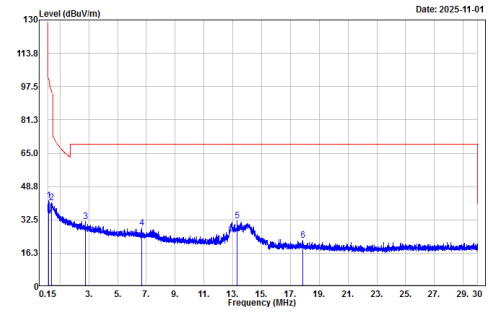
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.028	35.03	13.07	48.10	118.81	-70.71	QP
2	0.047	33.94	12.99	46.93	114.25	-67.32	QP
3	0.068	32.29	11.72	44.01	111.00	-66.99	QP
4	0.084	32.54	11.37	43.91	109.13	-65.22	QP
5	0.113	32.85	11.66	44.51	106.57	-62.06	QP
6	0.145	31.60	11.83	43.43	104.37	-60.94	QP

Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5200
RBW/VBW : QP: 10K/30K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.368	30.88	11.80	42.68	96.29	-53.61	QP
2	2.860	20.67	10.85	31.52	69.54	-38.02	QP
3	7.236	18.30	11.91	30.21	69.54	-39.33	QP
4	10.180	13.74	12.01	25.75	69.54	-43.79	QP
5	13.126	23.93	11.71	35.64	69.54	-33.90	QP
6	17.269	11.96	11.92	23.88	69.54	-45.66	QP

UNII-2A Band II 5250~5350 MHz

(Worst case is 802.11ax HE20 mode, 5260 MHz)

9kHz-150kHz	150kHz-30MHz
	

Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : AX20-TX-5260
RBW/VBW : QP: 300Hz/1K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.024	36.35	13.46	49.81	120.00	-70.19	QP
2	0.050	33.66	13.30	46.96	113.62	-66.66	QP
3	0.066	33.02	11.74	44.76	111.18	-66.42	QP
4	0.085	32.72	11.46	44.18	109.00	-64.82	QP
5	0.107	33.12	11.63	44.75	107.04	-62.29	QP
6	0.138	33.04	11.79	44.83	104.82	-59.99	QP

Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : AX20-TX-5260
RBW/VBW : QP: 10K/30K

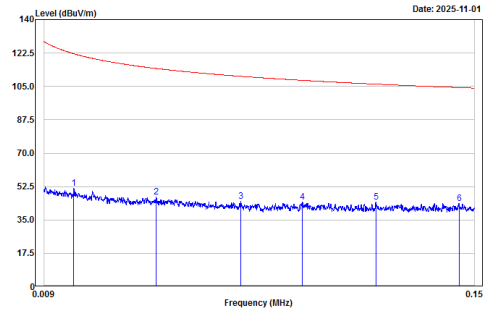
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.228	29.83	12.02	41.85	100.46	-58.61	Peak
2	0.425	29.13	11.78	40.91	95.04	-54.13	Peak
3	2.759	20.93	10.87	31.80	69.54	-37.74	Peak
4	6.654	16.59	11.98	28.57	69.54	-40.97	Peak
5	13.311	20.26	11.68	31.94	69.54	-37.60	Peak
6	17.839	10.73	11.98	22.71	69.54	-46.83	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2C Band III 5470~5725 MHz

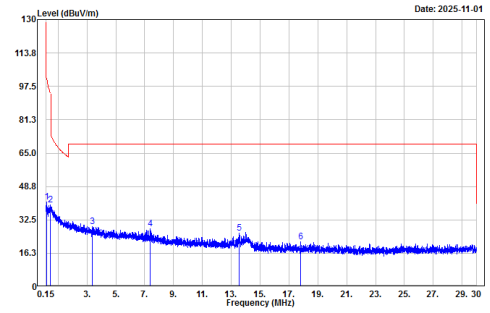
(Worst case is 802.11n HT20 mode, 5500 MHz)

9kHz-150kHz	150kHz-30MHz



Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5500
RBW/VBW : QP: 300Hz/1K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.019	37.61	13.83	51.44	122.12	-70.68	QP
2	0.046	34.04	12.92	46.96	114.39	-67.43	QP
3	0.073	33.10	11.49	44.59	110.28	-65.69	QP
4	0.094	32.59	11.73	44.32	108.17	-63.85	QP
5	0.118	32.82	11.69	44.51	106.19	-61.68	QP
6	0.145	31.99	11.82	43.81	104.38	-60.57	QP



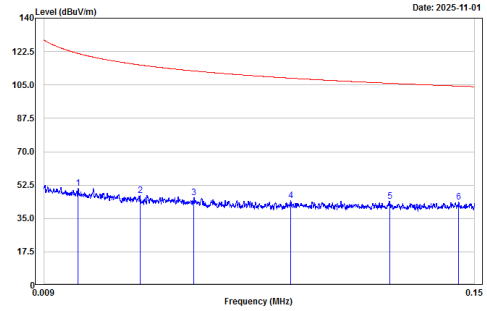
Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5500
RBW/VBW : QP: 10K/30K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.207	28.99	12.08	41.07	101.30	-60.23	QP
2	0.463	28.08	11.74	39.82	94.28	-54.46	QP
3	3.365	18.24	10.86	29.10	69.54	-40.44	QP
4	7.368	16.41	11.89	28.30	69.54	-41.24	QP
5	13.544	14.46	11.64	26.10	69.54	-43.44	QP
6	17.815	9.69	11.98	21.67	69.54	-47.87	QP

UNII-3 Band IV 5725~5850 MHz

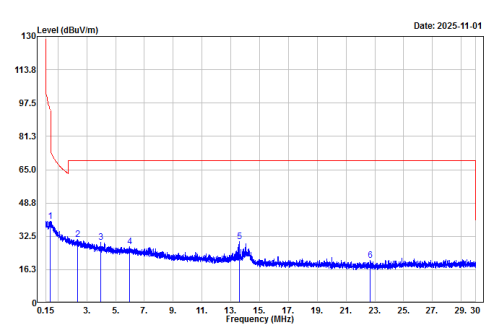
(Worst case is 802.11n HT20 mode, 5785 MHz)

9kHz-150kHz	150kHz-30MHz



Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5785
RBW/VBW : QP: 300Hz/1K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.020	36.86	13.88	50.74	121.49	-70.75	QP
2	0.040	34.50	12.44	46.94	115.46	-68.52	QP
3	0.058	33.76	12.07	45.83	112.31	-66.48	QP
4	0.090	32.45	11.79	44.24	108.54	-64.30	QP
5	0.122	32.26	11.71	43.97	105.87	-61.90	QP
6	0.145	31.88	11.82	43.70	104.39	-60.69	QP



Site : LK-966A
Condition: 3m
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5785
RBW/VBW : QP: 10K/30K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.440	28.04	11.76	39.80	94.74	-54.94	QP
2	2.371	20.22	10.94	31.16	69.54	-38.38	QP
3	3.971	18.54	10.92	29.46	69.54	-40.08	QP
4	5.992	15.36	12.03	27.39	69.54	-42.15	QP
5	13.577	18.42	11.63	30.05	69.54	-39.49	QP
6	22.660	10.05	10.88	20.93	69.54	-48.61	QP

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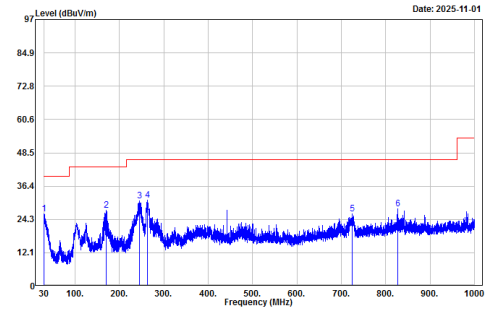
30MHz-1GHz:

UNII-1 Band I 5150~5250 MHz

(Worst case is 802.11n20 Mode)

5200 MHz

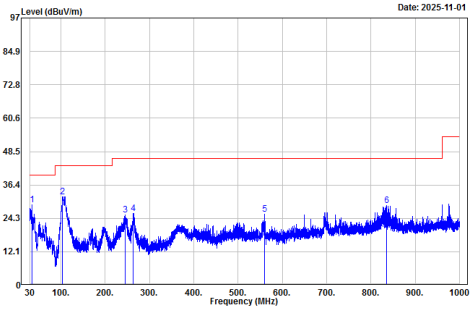
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5200
RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.873	35.08	-8.81	26.27	40.00	-13.73	QP
2	170.456	48.20	-20.67	27.53	43.50	-15.97	QP
3	244.855	52.21	-21.30	30.91	46.00	-15.09	QP
4	262.800	51.71	-20.54	31.17	46.00	-14.83	QP
5	724.811	37.83	-11.45	26.38	46.00	-19.62	QP
6	826.758	38.20	-10.07	28.13	46.00	-17.87	QP

Vertical



Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-TX-5200
RBW/VBW : QP: 120K/500K

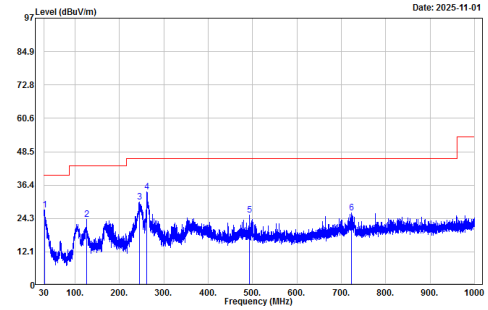
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	35.432	41.73	-12.60	29.13	40.00	-10.87	QP
2	104.011	52.66	-20.49	32.17	43.50	-11.33	QP
3	244.952	46.85	-21.30	25.55	46.00	-20.45	QP
4	263.576	46.46	-20.42	26.04	46.00	-19.96	QP
5	560.493	39.92	-14.17	25.75	46.00	-20.25	QP
6	835.100	38.89	-9.98	28.91	46.00	-17.09	QP

UNII-2A Band II 5250~5350 MHz

(Worst case is 802.11ax20 Mode)

5260 MHz

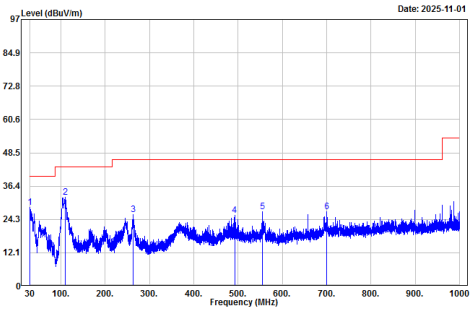
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : AX20-TX-5260
RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.358	36.58	-9.23	27.35	40.00	-12.65	QP
2	125.933	42.04	-18.20	23.84	43.50	-19.66	QP
3	244.564	51.60	-21.32	30.28	46.00	-15.72	QP
4	262.315	54.40	-20.61	33.79	46.00	-12.21	QP
5	493.272	40.41	-15.01	25.40	46.00	-20.60	QP
6	722.289	37.70	-11.41	26.29	46.00	-19.71	QP

Vertical



Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : AX20-TX-5260
RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.776	37.46	-8.80	28.66	40.00	-11.34	QP
2	109.734	51.49	-19.26	32.23	43.50	-11.27	QP
3	263.576	46.48	-20.42	26.06	46.00	-19.94	QP
4	492.205	40.87	-15.02	25.85	46.00	-20.15	QP
5	555.352	41.38	-14.29	27.09	46.00	-18.91	QP
6	699.300	39.09	-11.96	27.13	46.00	-18.87	QP

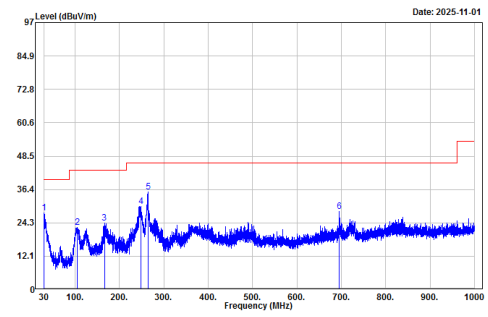
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UNII-2C Band III 5470~5725 MHz

(Worst case is 802.11n20 Mode)

5500 MHz

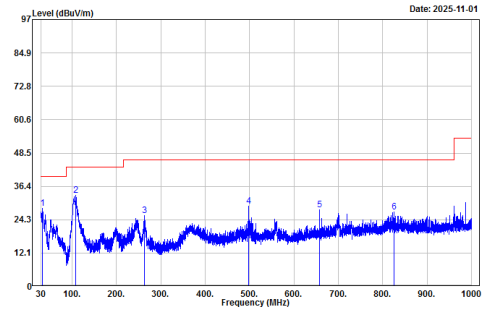
Horizontal




```
Site     : LK-966A
Condition: 3m horizontal
Job No   : RLK250801004
Model    : RRQ61051-008
Power    : From Test Development Board.
Tester   : Yue
Temp./ Hum.: 20℃/ 45%
Memo     : N20-TX-5500
RBW/VBW  : QP: 120K/500K
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.679	36.66	-8.77	27.89	40.00	-12.11	QP
2	104.690	42.90	-20.28	22.62	43.50	-20.88	QP
3	166.285	44.55	-20.41	24.14	43.50	-19.36	QP
4	247.862	51.67	-21.38	30.29	46.00	-15.71	QP
5	264.158	55.92	-20.33	35.59	46.00	-10.41	QP
6	695.420	40.49	-12.06	28.43	46.00	-17.57	QP

Vertical




```
Site     : LK-966A
Condition: 3m vertical
Job No   : RLK250801004
Model    : RRQ61051-008
Power    : From Test Development Board.
Tester   : Yue
Temp./ Hum.: 20℃/ 45%
Memo     : N20-TX-5500
RBW/VBW  : QP: 120K/500K
```

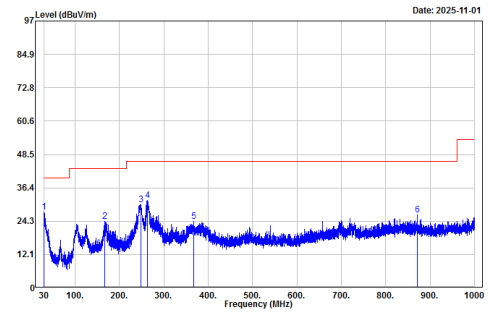
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	33.977	39.75	-11.42	28.33	40.00	-11.67	QP
2	108.958	52.43	-19.44	32.99	43.50	-10.51	QP
3	263.285	46.19	-20.46	25.73	46.00	-20.27	QP
4	497.831	44.28	-14.99	29.29	46.00	-16.71	QP
5	657.493	40.31	-12.48	27.83	46.00	-18.17	QP
6	825.109	37.24	-10.07	27.17	46.00	-18.83	QP

UNII-3 Band IV 5725~5850 MHz

(Worst case is 802.11n20 Mode)

5785 MHz

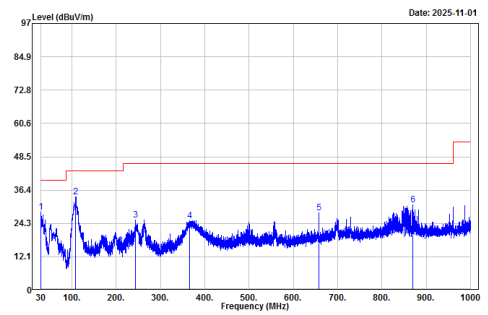
Horizontal




```
Site     : LK-966A
Condition: 3m horizontal
Job No   : RLK250801004
Model    : RRQ61051-008
Power    : From Test Development Board.
Tester   : Yue
Temp./ Hum.: 20℃/ 45%
Memo     : N20-TX-5785
RBW/VBW  : QP: 120K/500K
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.776	36.33	-8.80	27.53	40.00	-12.47	QP
2	166.479	44.72	-20.43	24.29	43.50	-19.21	QP
3	248.638	51.73	-21.40	30.33	46.00	-15.67	QP
4	262.509	52.47	-20.58	31.89	46.00	-14.11	QP
5	367.948	42.60	-18.44	24.16	46.00	-21.84	QP
6	870.602	36.51	-9.84	26.67	46.00	-19.33	QP

Vertical




```
Site     : LK-966A
Condition: 3m vertical
Job No   : RLK250801004
Model    : RRQ61051-008
Power    : From Test Development Board.
Tester   : Yue
Temp./ Hum.: 20℃/ 45%
Memo     : N20-TX-5785
RBW/VBW  : QP: 120K/500K
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.485	37.14	-8.72	28.42	40.00	-11.58	QP
2	108.861	53.37	-19.47	33.90	43.50	-9.60	QP
3	243.691	46.82	-21.33	25.49	46.00	-20.51	QP
4	366.008	43.76	-18.49	25.27	46.00	-20.73	QP
5	657.493	40.55	-12.48	28.07	46.00	-17.93	QP
6	869.244	40.81	-9.86	30.95	46.00	-15.05	QP

Level = Reading + Factor.

Over Limit = Level – Limit.

Factor = Antenna Factor + Cable Loss – Amplifier Gain.

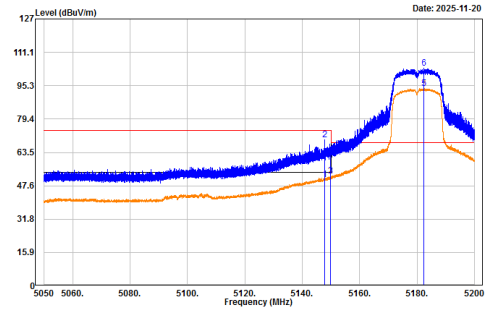
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Band-Edge

UNII-1 Band I 5150-5250 MHz

802.11a Mode, 5180 MHz

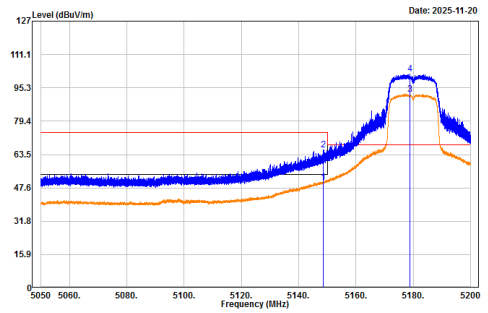
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5147.765	50.97	-0.42	50.55	54.00	-3.45	Average
2	5147.765	69.96	-0.42	69.54	74.00	-4.46	Peak
3	5149.865	52.67	-0.42	52.25	54.00	-1.75	Average
4	5149.865	62.82	-0.42	62.40	74.00	-11.60	Peak
5	5182.375	94.24	-0.38	93.86	------	------	Average
6	5182.375	103.94	-0.38	103.56	------	------	Peak

Vertical

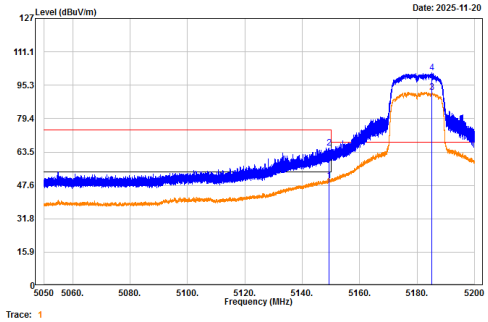


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5148.670	50.77	-0.42	50.35	54.00	-3.65	Average
2	5148.670	66.28	-0.42	65.86	74.00	-8.14	Peak
3	5178.705	92.64	-0.38	92.26	------	------	Average
4	5178.705	102.10	-0.38	101.72	------	------	Peak

802.11 n20 Mode, 5180 MHz

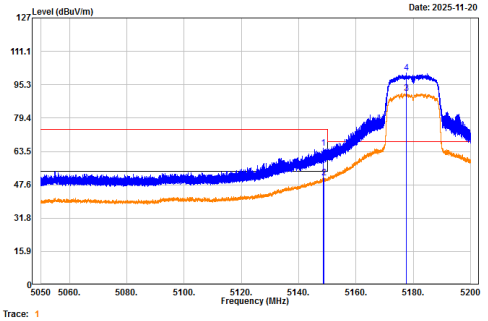
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.395	50.25	-0.42	49.83	54.00	-4.17	Average
2	5149.395	65.74	-0.42	65.32	74.00	-8.68	Peak
3	5185.135	92.32	-0.37	91.95	------	------	Average
4	5185.135	101.49	-0.37	101.12	------	------	Peak

Vertical



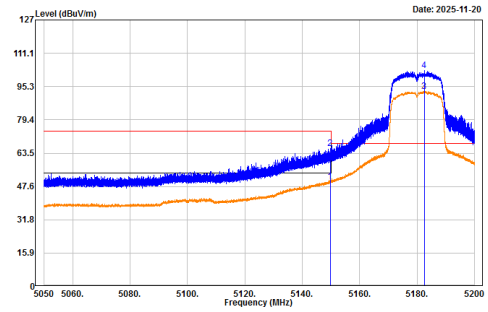
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5148.660	65.59	-0.42	65.17	74.00	-8.83	Peak
2	5148.760	51.31	-0.42	50.89	54.00	-3.11	Average
3	5177.580	91.46	-0.38	91.08	------	------	Average
4	5177.580	101.05	-0.38	100.67	------	------	Peak

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802.11 ac20 Mode, 5180 MHz

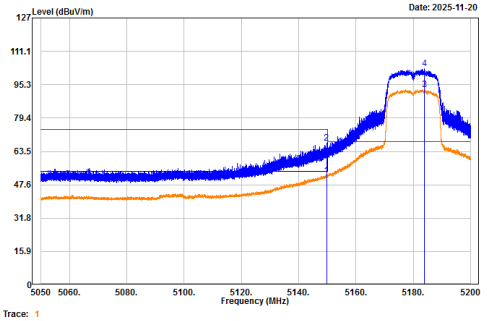
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.705	50.22	-0.42	49.80	54.00	-4.20	Average
2	5149.705	66.08	-0.42	65.66	74.00	-8.34	Peak
3	5182.470	93.35	-0.38	92.97	------	------	Average
4	5182.470	103.26	-0.38	102.88	------	------	Peak

Vertical

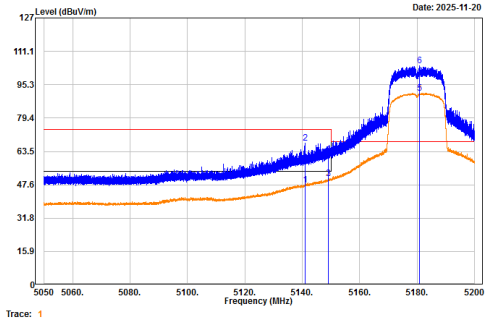


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.705	52.31	-0.42	51.89	54.00	-2.11	Average
2	5149.705	67.86	-0.42	67.44	74.00	-6.56	Peak
3	5183.755	93.30	-0.37	92.93	------	------	Average
4	5183.755	103.21	-0.37	102.84	------	------	Peak

802.11 ax20 Mode, 5180 MHz

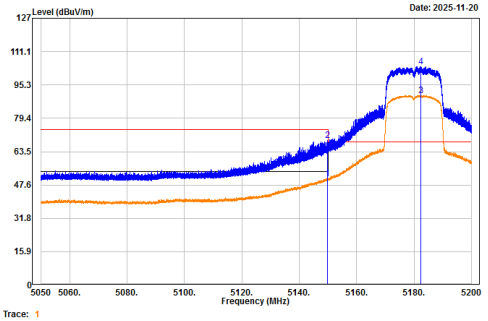
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5140.950	48.08	-0.44	47.64	54.00	-6.36	Average
2	5140.950	67.80	-0.44	67.36	74.00	-6.64	Peak
3	5148.980	50.97	-0.42	50.55	54.00	-3.45	Average
4	5148.980	62.79	-0.42	62.37	74.00	-11.63	Peak
5	5180.745	91.52	-0.38	91.14	------	------	Average
6	5180.745	104.66	-0.38	104.28	------	------	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

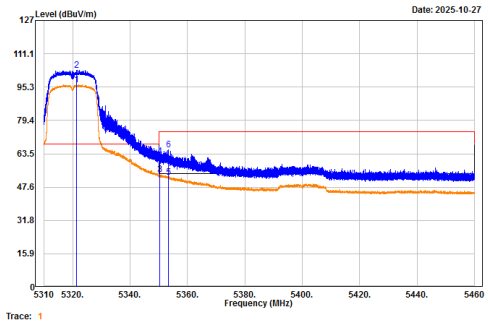
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.740	51.00	-0.42	50.58	54.00	-3.42	Average
2	5149.740	69.36	-0.42	68.94	74.00	-5.06	Peak
3	5182.460	90.65	-0.38	90.27	------	------	Average
4	5182.460	104.31	-0.38	103.93	------	------	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2A Band II 5250~5350 MHz

802.11a Mode, 5320 MHz

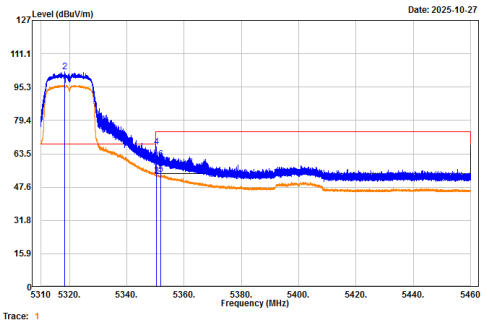
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : A-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5321.435	95.69	0.55	96.24	------	------	Average
2	5321.435	102.78	0.55	103.33	------	------	Peak
3	5350.320	53.26	0.59	53.85	54.00	-0.15	Average
4	5350.320	61.68	0.59	62.27	74.00	-11.73	Peak
5	5353.485	51.80	0.59	52.39	54.00	-1.61	Average
6	5353.485	64.79	0.59	65.38	74.00	-8.62	Peak

Vertical

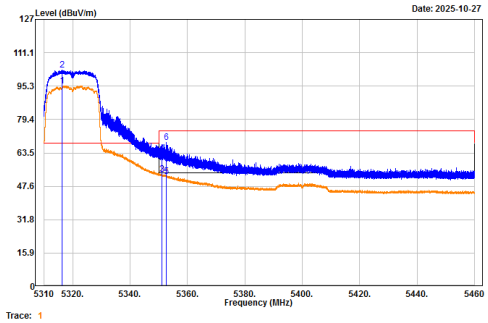


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : A-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5318.265	95.56	0.55	96.11	------	------	Average
2	5318.265	101.86	0.55	102.41	------	------	Peak
3	5350.320	52.50	0.59	53.09	54.00	-0.91	Average
4	5350.320	66.32	0.59	66.91	74.00	-7.09	Peak
5	5351.885	53.10	0.59	53.69	54.00	-0.31	Average
6	5351.885	60.18	0.59	60.77	74.00	-13.23	Peak

802.11 n20 Mode, 5320 MHz

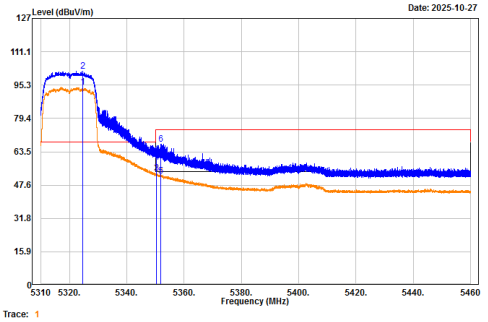
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : N20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5316.360	94.91	0.54	95.45	------	------	Average
2	5316.360	102.38	0.54	102.92	------	------	Peak
3	5351.110	52.83	0.59	53.42	54.00	-0.58	Average
4	5351.110	62.59	0.59	63.18	74.00	-10.82	Peak
5	5352.590	51.67	0.59	52.26	54.00	-1.74	Average
6	5352.590	67.92	0.59	68.51	74.00	-5.49	Peak

Vertical



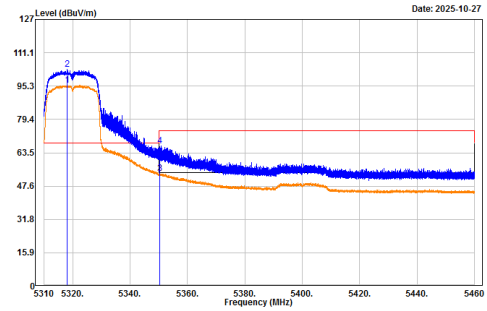
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : N20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5324.605	93.75	0.56	94.31	------	------	Average
2	5324.605	101.30	0.56	101.86	------	------	Peak
3	5350.265	52.60	0.59	53.19	54.00	-0.81	Average
4	5350.265	61.55	0.59	62.14	74.00	-11.86	Peak
5	5351.945	51.54	0.59	52.13	54.00	-1.87	Average
6	5351.945	66.69	0.59	67.28	74.00	-6.72	Peak

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802.11 ac20 Mode, 5320 MHz

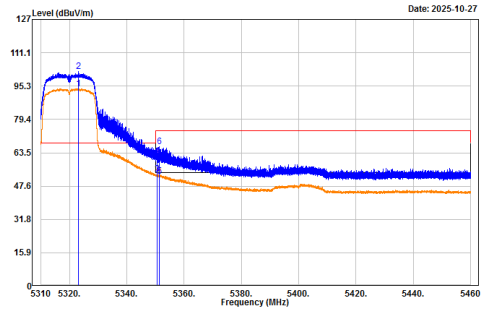
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AC20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5318.095	95.03	0.55	95.58	------	------	Average
2	5318.095	102.67	0.55	103.22	------	------	Peak
3	5350.360	53.00	0.59	53.59	54.00	-0.41	Average
4	5350.360	66.06	0.59	66.65	74.00	-7.35	Peak

Vertical

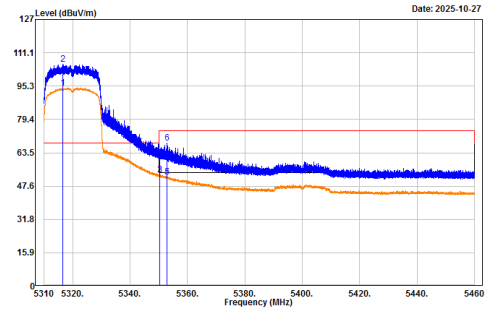


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AC20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5323.100	93.56	0.56	94.12	------	------	Average
2	5323.100	101.83	0.56	102.39	------	------	Peak
3	5350.545	52.89	0.59	53.48	54.00	-0.52	Average
4	5350.545	61.23	0.59	61.82	74.00	-12.18	Peak
5	5351.480	51.88	0.59	52.47	54.00	-1.53	Average
6	5351.480	65.80	0.59	66.39	74.00	-7.61	Peak

802.11 ax20 Mode, 5320 MHz

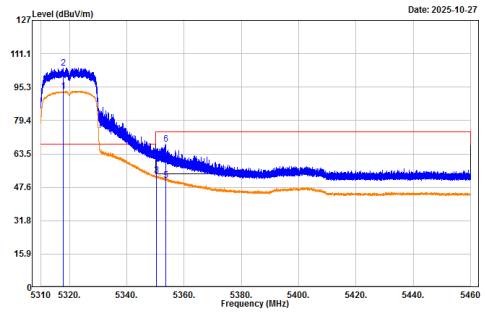
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AX20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5316.595	93.86	0.54	94.40	------	------	Average
2	5316.595	105.14	0.54	105.68	------	------	Peak
3	5350.310	52.41	0.59	53.00	54.00	-1.00	Average
4	5350.310	60.75	0.59	61.34	74.00	-12.66	Peak
5	5352.930	51.53	0.59	52.12	54.00	-1.88	Average
6	5352.930	67.41	0.59	68.00	74.00	-6.00	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AX20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

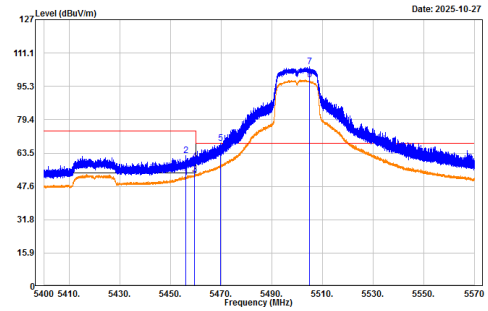
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5317.900	92.87	0.55	93.42	------	------	Average
2	5317.900	103.75	0.55	104.30	------	------	Peak
3	5350.450	52.74	0.59	53.33	54.00	-0.67	Average
4	5350.450	61.31	0.59	61.90	74.00	-12.10	Peak
5	5353.735	50.18	0.59	50.77	54.00	-3.23	Average
6	5353.735	67.66	0.59	68.25	74.00	-5.75	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2C Band III 5470-5725 MHz

(802.11a Mode, 5500 MHz)

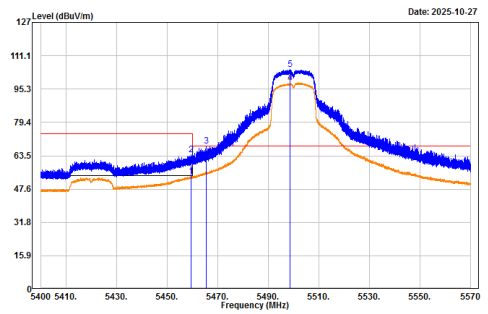
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : A-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5456.043	51.24	0.64	51.88	54.00	-2.12	Average
2	5456.043	61.56	0.64	62.20	74.00	-11.80	Peak
3	5459.522	52.81	0.64	53.45	54.00	-0.55	Average
4	5459.522	58.74	0.64	59.38	74.00	-14.62	Peak
5	5469.836	67.48	0.64	68.12	68.20	-0.08	Peak
6	5504.811	97.66	0.64	98.30	------	------	Average
7	5504.811	104.04	0.64	104.68	------	------	Peak

Vertical

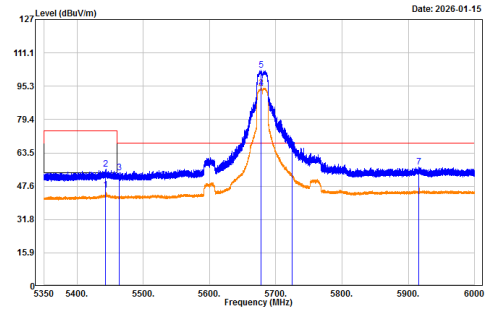


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : A-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.574	53.20	0.64	53.84	54.00	-0.16	Average
2	5459.574	63.51	0.64	64.15	74.00	-9.85	Peak
3	5465.546	67.53	0.64	68.17	68.20	-0.03	Peak
4	5498.640	97.64	0.62	98.26	------	------	Average
5	5498.640	104.00	0.62	104.62	------	------	Peak

(802.11a Mode, 5680 MHz)

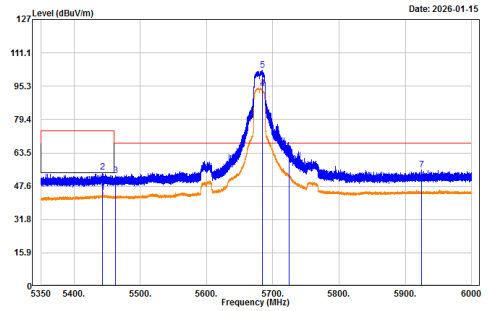
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : A-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.188	45.63	0.13	45.76	54.00	-8.24	Average
2	5443.188	55.48	0.13	55.61	74.00	-18.39	Peak
3	5463.902	53.74	0.17	53.91	68.20	-14.29	Peak
4	5678.164	93.43	1.03	94.46	------	------	Average
5	5678.164	101.85	1.03	102.88	------	------	Peak
6	5725.007	63.55	1.30	64.85	68.20	-3.35	Peak
7	5916.345	54.11	2.62	56.73	68.20	-11.47	Peak

Vertical



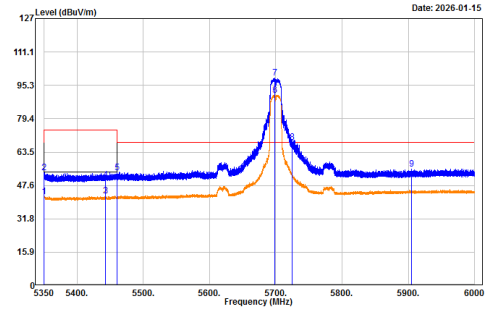
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : A-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.383	44.78	0.13	44.91	54.00	-9.09	Average
2	5443.383	54.22	0.13	54.35	74.00	-19.65	Peak
3	5462.537	52.58	0.17	52.75	68.20	-15.45	Peak
4	5683.948	93.28	1.08	94.36	------	------	Average
5	5683.948	101.77	1.08	102.85	------	------	Peak
6	5725.007	59.00	1.30	60.30	68.20	-7.90	Peak
7	5925.077	52.64	2.72	55.36	68.20	-12.84	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

(802.11a Mode, 5700 MHz)

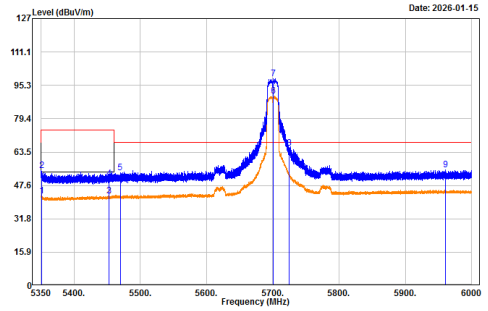
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : A-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5350.325	42.50	-0.01	42.49	54.00	-11.51	Average
2	5350.325	53.73	-0.01	53.72	74.00	-20.28	Peak
3	5442.928	42.51	0.13	42.64	54.00	-11.36	Average
4	5442.928	50.07	0.13	50.20	74.00	-23.80	Peak
5	5460.500	53.47	0.16	53.63	68.20	-14.57	Peak
6	5698.118	89.48	1.17	90.65	------	------	Average
7	5698.118	97.44	1.17	98.61	------	------	Peak
8	5725.007	66.80	1.30	68.10	68.20	-0.10	Peak
9	5904.602	52.84	2.51	55.35	68.20	-12.85	Peak

Vertical

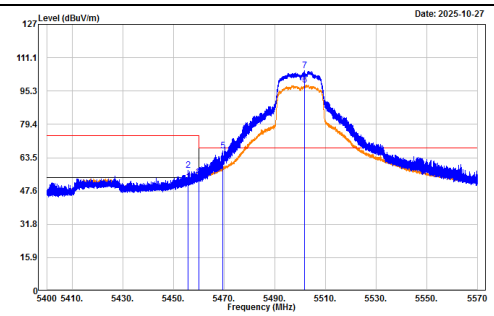


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : A-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5350.867	42.66	-0.01	42.65	54.00	-11.35	Average
2	5350.867	54.69	-0.01	54.68	74.00	-19.32	Peak
3	5452.830	42.63	0.15	42.78	54.00	-11.22	Average
4	5452.830	50.83	0.15	50.98	74.00	-23.02	Peak
5	5469.730	53.40	0.18	53.58	68.20	-14.62	Peak
6	5701.043	88.82	1.19	90.01	------	------	Average
7	5701.043	97.35	1.19	98.54	------	------	Peak
8	5725.000	64.01	1.30	65.31	68.20	-2.89	Peak
9	5960.263	52.18	3.02	55.20	68.20	-13.00	Peak

(802.11 n20 Mode, 5500 MHz)

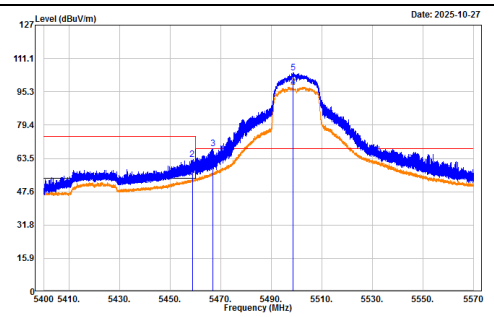
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5455.777	51.16	0.64	51.80	54.00	-2.20	Average
2	5455.777	56.67	0.64	57.31	74.00	-16.69	Peak
3	5459.868	53.29	0.64	53.93	54.00	-0.07	Average
4	5459.868	53.82	0.64	54.46	74.00	-19.54	Peak
5	5469.445	65.98	0.64	66.62	68.20	-1.58	Peak
6	5501.654	97.48	0.62	98.10	------	------	Average
7	5501.654	104.20	0.62	104.82	------	------	Peak

Vertical



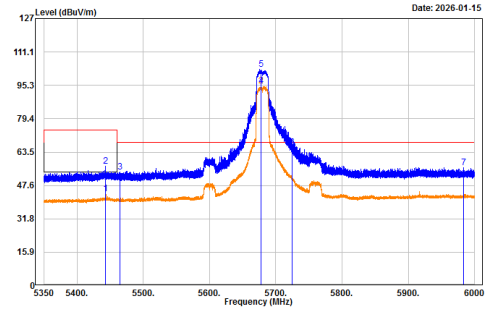
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5458.735	53.02	0.64	53.66	54.00	-0.34	Average
2	5458.735	62.40	0.64	63.04	74.00	-10.96	Peak
3	5466.742	67.41	0.64	68.05	68.20	-0.15	Peak
4	5498.605	96.92	0.62	97.54	------	------	Average
5	5498.605	103.71	0.62	104.33	------	------	Peak

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(802.11 n20 Mode, 5680 MHz)

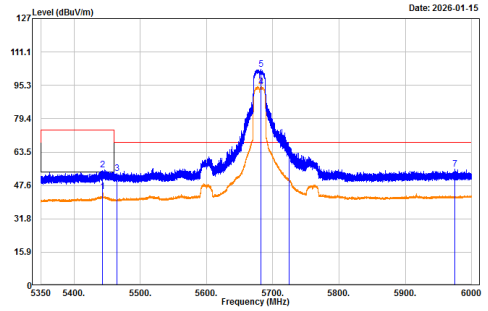
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : N20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.318	43.43	0.13	43.56	54.00	-10.44	Average
2	5443.318	56.67	0.13	56.80	74.00	-17.20	Peak
3	5464.898	53.96	0.17	54.13	68.20	-14.07	Peak
4	5677.275	94.03	1.03	95.06	------	------	Average
5	5677.275	101.80	1.03	102.83	------	------	Peak
6	5725.007	64.44	1.30	65.74	68.20	-2.46	Peak
7	5983.403	53.18	3.08	56.26	68.20	-11.94	Peak

Vertical

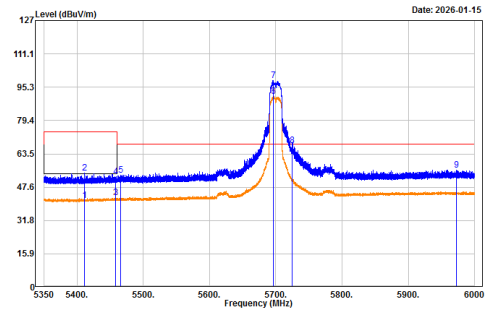


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : N20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.231	44.59	0.13	44.72	54.00	-9.28	Average
2	5443.231	54.97	0.13	55.10	74.00	-18.90	Peak
3	5464.508	53.15	0.17	53.32	68.20	-14.88	Peak
4	5682.323	93.62	1.07	94.69	------	------	Average
5	5682.323	101.72	1.07	102.79	------	------	Peak
6	5725.007	60.23	1.30	61.53	68.20	-6.67	Peak
7	5974.499	52.43	3.06	55.49	68.20	-12.71	Peak

(802.11 n20 Mode, 5700 MHz)

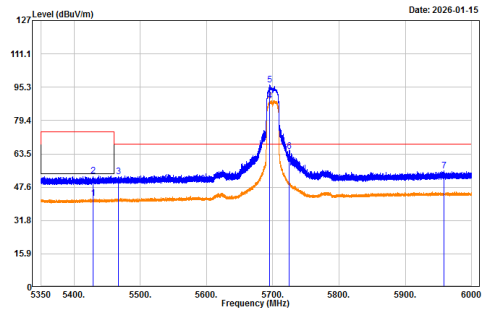
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : N20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5411.251	41.05	0.08	41.13	54.00	-12.87	Average
2	5411.251	54.14	0.08	54.22	74.00	-19.78	Peak
3	5458.138	42.39	0.16	42.55	54.00	-11.45	Average
4	5458.138	52.58	0.16	52.74	74.00	-21.26	Peak
5	5466.025	53.19	0.17	53.36	68.20	-14.84	Peak
6	5695.822	89.64	1.15	90.79	------	------	Average
7	5695.822	97.36	1.15	98.51	------	------	Peak
8	5725.007	66.30	1.30	67.60	68.20	-0.60	Peak
9	5972.570	52.72	3.06	55.78	68.20	-12.42	Peak

Vertical



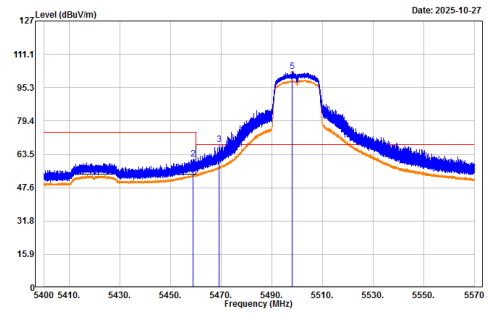
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : N20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5428.412	42.27	0.11	42.38	54.00	-11.62	Average
2	5428.412	52.91	0.11	53.02	74.00	-20.98	Peak
3	5467.499	52.61	0.17	52.78	68.20	-15.42	Peak
4	5695.692	87.78	1.15	88.93	------	------	Average
5	5695.692	95.21	1.15	96.36	------	------	Peak
6	5725.007	63.38	1.30	64.68	68.20	-3.52	Peak
7	5958.898	52.23	3.01	55.24	68.20	-12.96	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

(802.11 ac20 Mode, 5500 MHz)

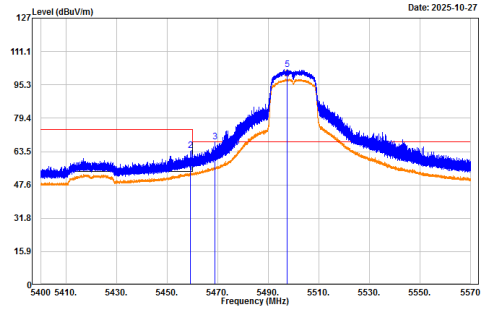
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AC20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5458.990	53.32	0.64	53.96	54.00	-0.04	Average
2	5458.990	60.56	0.64	61.20	74.00	-12.80	Peak
3	5469.281	67.53	0.64	68.17	68.20	-0.03	Peak
4	5498.062	98.20	0.62	98.82	------	------	Average
5	5498.062	102.17	0.62	102.79	------	------	Peak

Vertical

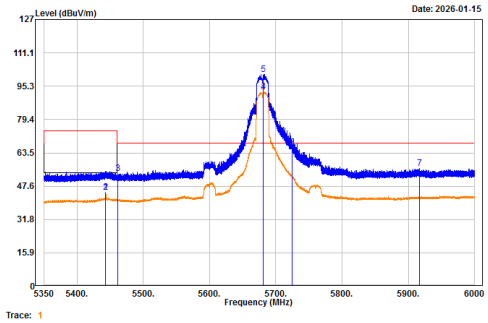


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AC20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.262	52.80	0.64	53.44	54.00	-0.56	Average
2	5459.262	63.31	0.64	63.95	74.00	-10.05	Peak
3	5468.998	67.46	0.64	68.10	68.20	-0.10	Peak
4	5497.427	97.42	0.62	98.04	------	------	Average
5	5497.427	102.11	0.62	102.73	------	------	Peak

(802.11 ac20 Mode, 5680 MHz)

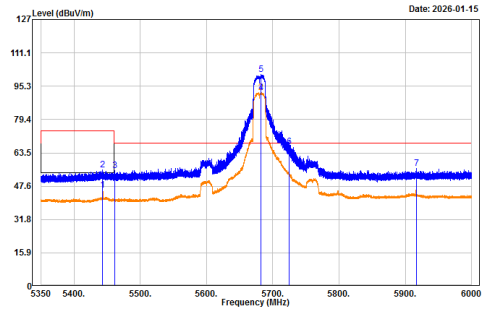
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AC20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.275	44.66	0.13	44.79	54.00	-9.21	Average
2	5443.275	44.66	0.13	44.79	74.00	-29.21	Peak
3	5461.106	53.67	0.16	53.83	68.20	-14.37	Peak
4	5681.370	91.48	1.06	92.54	------	------	Average
5	5681.370	99.71	1.06	100.77	------	------	Peak
6	5725.007	64.67	1.30	65.97	68.20	-2.23	Peak
7	5916.973	53.38	2.64	56.02	68.20	-12.18	Peak

Vertical



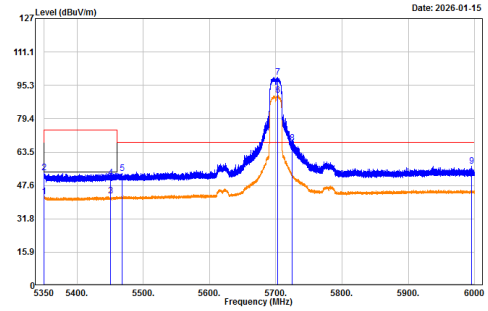
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AC20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.231	45.76	0.13	45.89	54.00	-8.11	Average
2	5443.231	55.23	0.13	55.36	74.00	-18.64	Peak
3	5461.323	54.89	0.16	55.05	68.20	-13.15	Peak
4	5681.673	91.15	1.06	92.21	------	------	Average
5	5681.673	99.62	1.06	100.68	------	------	Peak
6	5725.007	65.04	1.30	66.34	68.20	-1.86	Peak
7	5916.757	53.49	2.63	56.12	68.20	-12.08	Peak

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(802.11 ac20 Mode, 5700 MHz)

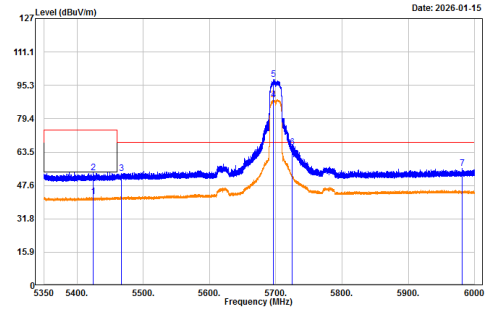
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 56%
Memo : AC20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5350.260	42.26	-0.01	42.25	54.00	-11.75	Average
2	5350.260	53.57	-0.01	53.56	74.00	-20.44	Peak
3	5450.880	42.70	0.14	42.84	54.00	-11.16	Average
4	5450.880	51.29	0.14	51.43	74.00	-22.57	Peak
5	5467.932	53.21	0.18	53.39	68.20	-14.81	Peak
6	5702.539	89.20	1.20	90.40	------	------	Average
7	5702.539	98.04	1.20	99.24	------	------	Peak
8	5725.007	66.62	1.30	67.92	68.20	-0.28	Peak
9	5995.146	53.75	3.11	56.86	68.20	-11.34	Peak

Vertical

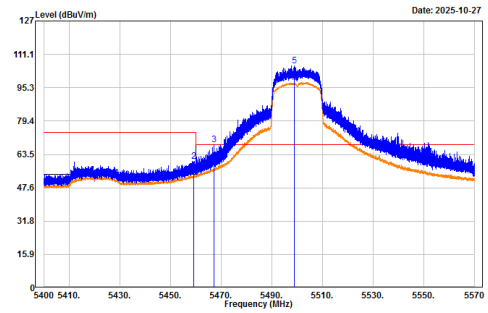


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 56%
Memo : AC20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5424.707	42.07	0.11	42.18	54.00	-11.82	Average
2	5424.707	53.65	0.11	53.76	74.00	-20.24	Peak
3	5467.000	53.06	0.17	53.23	68.20	-14.97	Peak
4	5696.298	87.36	1.17	88.53	------	------	Average
5	5696.298	96.79	1.17	97.96	------	------	Peak
6	5725.007	64.29	1.30	65.59	68.20	-2.61	Peak
7	5981.193	52.69	3.08	55.77	68.20	-12.43	Peak

(802.11 ax20 Mode, 5500 MHz)

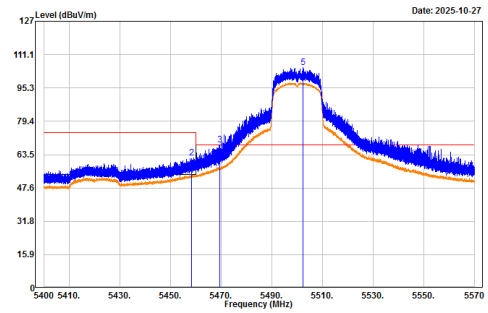
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AX20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.063	52.90	0.64	53.54	54.00	-0.46	Average
2	5459.063	59.63	0.64	60.27	74.00	-13.73	Peak
3	5467.275	67.47	0.64	68.11	68.20	-0.09	Peak
4	5498.940	97.14	0.62	97.76	------	------	Average
5	5498.940	105.07	0.62	105.69	------	------	Peak

Vertical



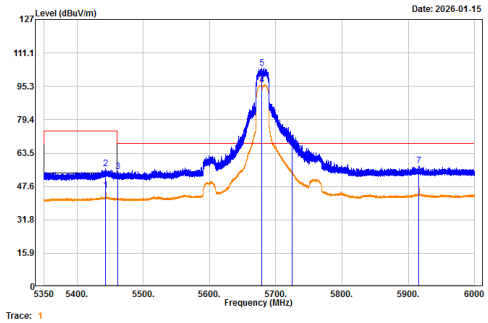
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AX20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5458.248	53.18	0.64	53.82	54.00	-0.18	Average
2	5458.248	61.41	0.64	62.05	74.00	-11.95	Peak
3	5469.428	67.48	0.64	68.12	68.20	-0.08	Peak
4	5502.221	97.06	0.62	97.68	------	------	Average
5	5502.221	104.23	0.62	104.85	------	------	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

(802.11 ax20 Mode, 5680 MHz)

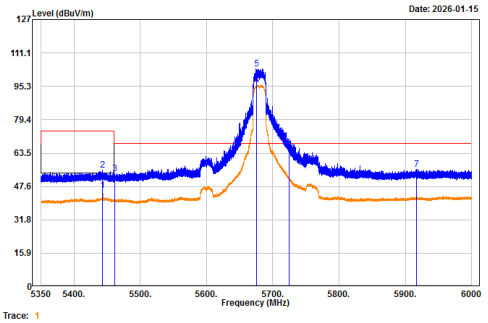
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AX20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.275	45.60	0.13	45.73	54.00	-8.27	Average
2	5443.275	56.02	0.13	56.15	74.00	-17.85	Peak
3	5461.626	54.73	0.16	54.89	68.20	-13.31	Peak
4	5678.943	94.98	1.04	96.02	------	------	Average
5	5678.943	102.84	1.04	103.88	------	------	Peak
6	5725.007	66.53	1.30	67.83	68.20	-0.37	Peak
7	5916.258	54.80	2.62	57.42	68.20	-10.78	Peak

Vertical

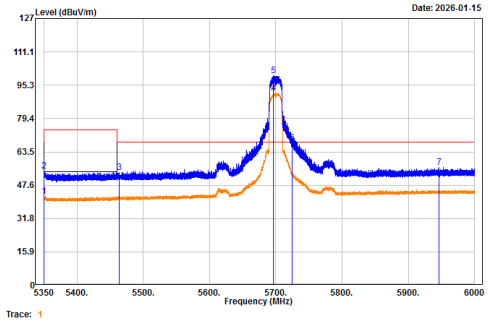


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AX20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.231	45.49	0.13	45.62	54.00	-8.38	Average
2	5443.231	55.42	0.13	55.55	74.00	-18.45	Peak
3	5461.930	53.58	0.16	53.74	68.20	-14.46	Peak
4	5675.932	94.85	1.02	95.87	------	------	Average
5	5675.932	102.68	1.02	103.70	------	------	Peak
6	5725.007	62.85	1.30	64.15	68.20	-4.05	Peak
7	5916.562	53.04	2.62	55.66	68.20	-12.54	Peak

(802.11 ax20 Mode, 5700 MHz)

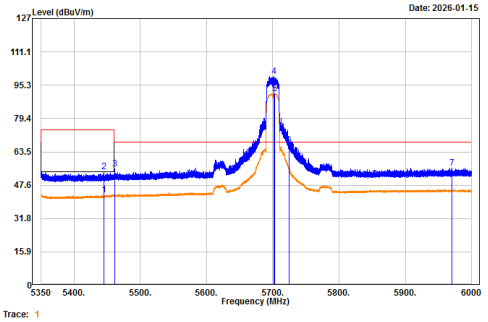
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AX20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5350.152	42.27	-0.01	42.26	54.00	-11.74	Average
2	5350.152	54.40	-0.01	54.39	74.00	-19.61	Peak
3	5464.032	53.54	0.17	53.71	68.20	-14.49	Peak
4	5696.602	90.26	1.17	91.43	------	------	Average
5	5696.602	98.74	1.17	99.91	------	------	Peak
6	5725.007	66.36	1.30	67.66	68.20	-0.54	Peak
7	5946.548	53.27	2.95	56.22	68.20	-11.98	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AX20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

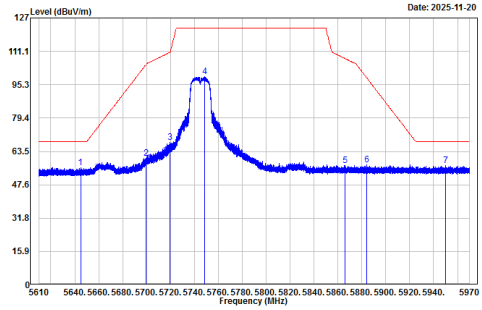
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5444.618	43.02	0.13	43.15	54.00	-10.85	Average
2	5444.618	53.85	0.13	53.98	74.00	-20.02	Peak
3	5461.215	55.26	0.16	55.42	68.20	-12.78	Peak
4	5702.213	98.14	1.19	99.33	------	------	Peak
5	5703.362	90.07	1.20	91.27	------	------	Average
6	5725.007	65.07	1.30	66.37	68.20	-1.83	Peak
7	5970.251	52.68	3.04	55.72	68.20	-12.48	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-3 Band IV 5725-5850 MHz

802.11a Mode, 5745 MHz

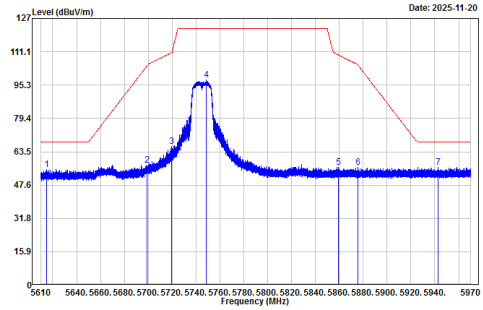
Horizontal



Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5644.848	54.76	1.11	55.87	68.20	-12.33	Peak
2	5699.640	59.12	1.28	60.40	104.93	-44.53	Peak
3	5719.524	66.41	1.34	67.75	110.67	-42.92	Peak
4	5748.744	97.59	1.42	99.01	------	------	Peak
5	5865.936	55.15	1.68	56.83	107.74	-50.91	Peak
6	5884.284	55.43	1.77	57.20	98.31	-41.11	Peak
7	5949.828	54.74	2.09	56.83	68.20	-11.37	Peak

Vertical

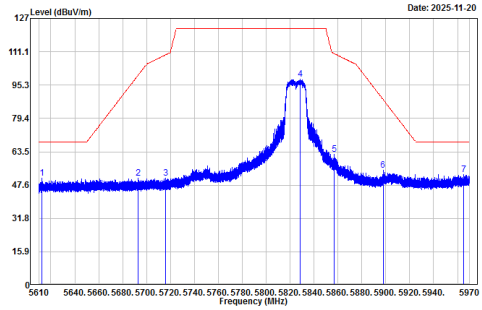


Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5614.704	54.01	0.98	54.99	68.20	-13.21	Peak
2	5699.028	56.01	1.28	57.29	104.48	-47.19	Peak
3	5719.788	64.67	1.34	66.01	110.74	-44.73	Peak
4	5748.324	96.36	1.42	97.78	------	------	Peak
5	5859.528	54.39	1.65	56.04	109.53	-53.49	Peak
6	5875.608	54.33	1.73	56.06	104.75	-48.69	Peak
7	5942.796	54.17	2.06	56.23	68.20	-11.97	Peak

802.11a Mode, 5825 MHz

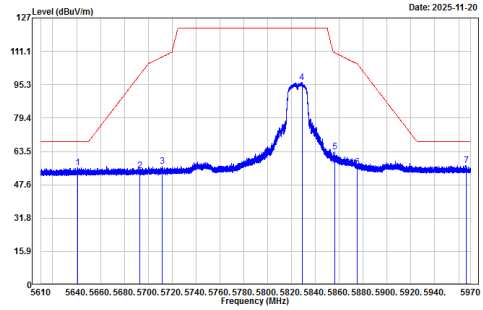
Horizontal



Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5612.592	49.89	0.97	50.86	68.20	-17.34	Peak
2	5693.100	49.54	1.26	50.80	100.11	-49.31	Peak
3	5716.188	49.44	1.33	50.77	109.73	-58.96	Peak
4	5828.352	96.51	1.58	98.09	------	------	Peak
5	5856.696	60.73	1.64	62.37	110.32	-47.95	Peak
6	5897.676	52.96	1.84	54.80	88.38	-33.58	Peak
7	5965.404	50.40	2.19	52.59	68.20	-15.61	Peak

Vertical



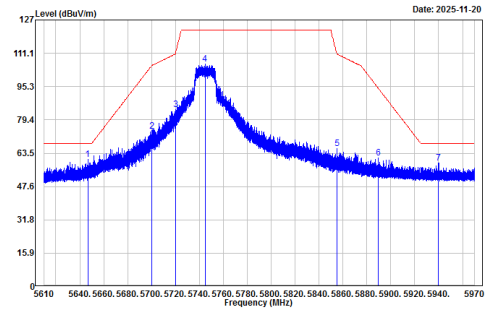
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5640.900	54.60	1.10	55.70	68.20	-12.50	Peak
2	5693.004	53.12	1.26	54.38	100.04	-45.66	Peak
3	5711.472	54.97	1.31	56.28	108.41	-52.13	Peak
4	5828.712	94.80	1.58	96.38	------	------	Peak
5	5856.336	61.77	1.64	63.41	110.43	-47.02	Peak
6	5875.000	54.26	1.73	55.99	105.20	-49.21	Peak
7	5966.148	54.53	2.20	56.73	68.20	-11.47	Peak

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802.11 n20 Mode, 5745 MHz

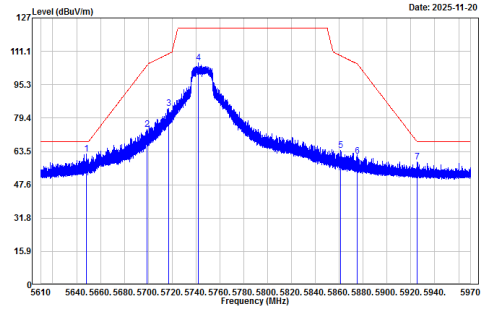
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5646.672	59.46	1.13	60.59	68.20	-7.61	Peak
2	5699.928	72.81	1.28	74.09	105.15	-31.06	Peak
3	5719.920	82.90	1.34	84.24	110.78	-26.54	Peak
4	5744.640	104.51	1.41	105.92	------	------	Peak
5	5855.040	64.07	1.64	65.71	110.79	-45.08	Peak
6	5889.480	59.49	1.80	61.29	94.45	-33.16	Peak
7	5939.508	56.94	2.04	58.98	68.20	-9.22	Peak

Vertical

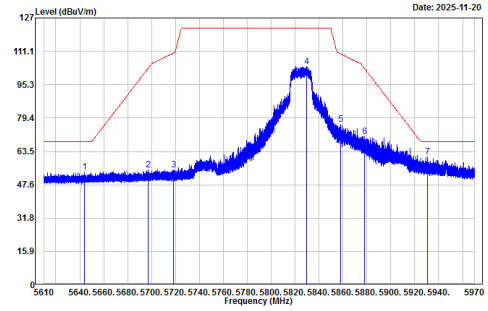


Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5648.160	61.32	1.14	62.46	68.20	-5.74	Peak
2	5698.848	72.55	1.28	73.83	104.35	-30.52	Peak
3	5717.028	82.79	1.33	84.12	109.97	-25.85	Peak
4	5741.676	104.15	1.40	105.55	------	------	Peak
5	5861.100	62.37	1.65	64.02	109.09	-45.07	Peak
6	5875.164	59.63	1.73	61.36	105.08	-43.72	Peak
7	5925.036	56.54	1.97	58.51	68.20	-9.69	Peak

802.11 n20 Mode, 5825 MHz

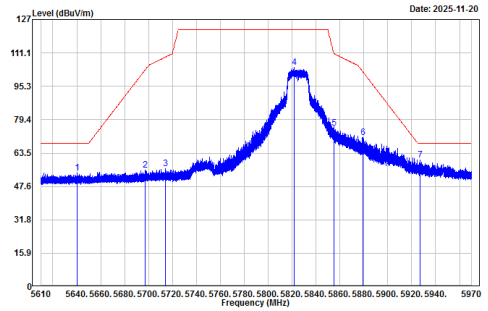
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5644.164	52.72	1.11	53.83	68.20	-14.37	Peak
2	5697.048	53.56	1.28	54.84	103.02	-48.18	Peak
3	5718.312	53.50	1.33	54.83	110.33	-55.50	Peak
4	5829.576	102.33	1.59	103.92	------	------	Peak
5	5857.908	74.78	1.65	76.43	109.98	-33.55	Peak
6	5878.296	68.85	1.74	70.59	102.75	-32.16	Peak
7	5930.808	58.93	2.00	60.93	68.20	-7.27	Peak

Vertical



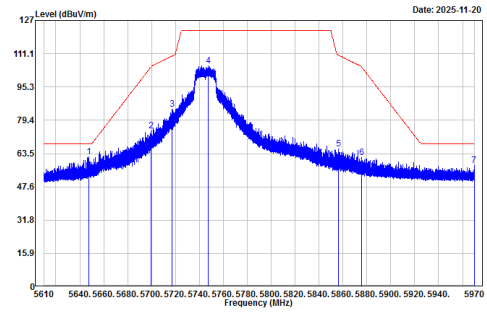
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5640.192	52.87	1.10	53.97	68.20	-14.23	Peak
2	5697.000	54.12	1.28	55.40	102.99	-47.59	Peak
3	5714.040	54.69	1.33	56.02	109.13	-53.11	Peak
4	5821.776	102.54	1.59	104.13	------	------	Peak
5	5855.256	73.66	1.64	75.30	110.73	-35.43	Peak
6	5879.052	69.29	1.74	71.03	102.19	-31.16	Peak
7	5927.148	58.14	1.97	60.11	68.20	-8.09	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5745 MHz

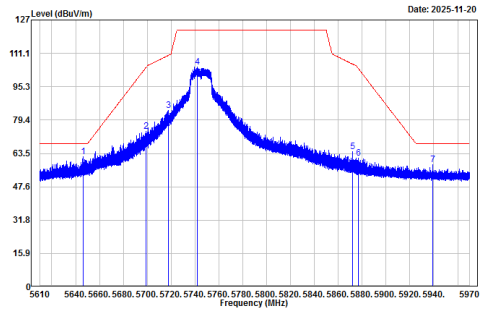
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5647.824	60.71	1.14	61.85	68.20	-6.35	Peak
2	5699.796	72.95	1.28	74.23	105.05	-30.82	Peak
3	5717.220	83.28	1.33	84.61	110.02	-25.41	Peak
4	5747.628	103.93	1.42	105.35	------	------	Peak
5	5856.012	64.03	1.64	65.67	110.52	-44.85	Peak
6	5875.356	59.98	1.73	61.71	104.94	-43.23	Peak
7	5969.640	55.59	2.22	57.81	68.20	-10.39	Peak

Vertical

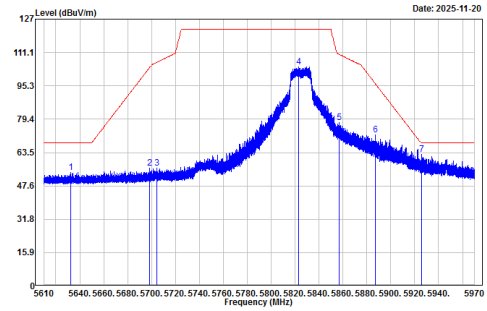


Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5646.192	60.83	1.13	61.96	68.20	-6.24	Peak
2	5698.788	72.65	1.28	73.93	104.31	-30.38	Peak
3	5717.640	82.66	1.33	83.99	110.14	-26.15	Peak
4	5741.928	103.37	1.40	104.77	------	------	Peak
5	5871.972	62.74	1.71	64.45	106.05	-41.60	Peak
6	5876.712	59.41	1.73	61.14	103.93	-42.79	Peak
7	5939.028	55.98	2.04	58.02	68.20	-10.18	Peak

802.11 ac20 Mode, 5825 MHz

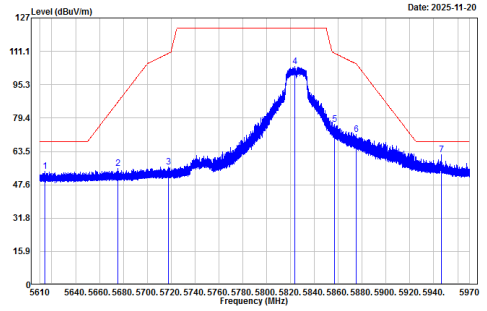
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5632.464	52.91	1.05	53.96	68.20	-14.24	Peak
2	5698.092	54.73	1.28	56.01	103.79	-47.78	Peak
3	5704.212	54.97	1.30	56.27	106.38	-50.11	Peak
4	5822.964	102.64	1.58	104.22	------	------	Peak
5	5856.720	76.26	1.64	77.90	110.32	-32.42	Peak
6	5887.260	70.01	1.78	71.79	96.10	-24.31	Peak
7	5925.888	60.80	1.97	62.77	68.20	-5.43	Peak

Vertical



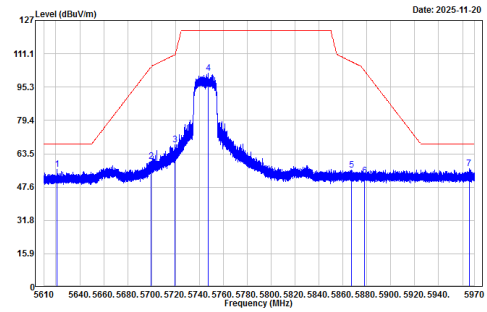
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5614.080	53.01	0.97	53.98	68.20	-14.22	Peak
2	5675.532	54.20	1.21	55.41	87.13	-31.72	Peak
3	5717.568	54.82	1.33	56.15	110.12	-53.97	Peak
4	5823.396	102.21	1.58	103.79	------	------	Peak
5	5856.876	74.87	1.64	76.51	110.27	-33.76	Peak
6	5875.116	69.75	1.73	71.48	105.11	-33.63	Peak
7	5946.216	59.88	2.07	61.95	68.20	-6.25	Peak

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802.11 ax20 Mode, 5745 MHz

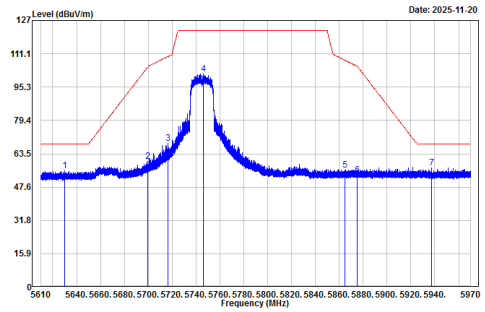
Horizontal



Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5620.920	55.17	1.01	56.18	68.20	-12.02	Peak
2	5699.676	58.56	1.28	59.84	104.96	-45.12	Peak
3	5719.488	66.29	1.34	67.63	110.66	-43.03	Peak
4	5747.364	100.30	1.42	101.72	------	------	Peak
5	5867.040	54.00	1.68	55.68	107.43	-51.75	Peak
6	5877.996	51.25	1.74	52.99	102.97	-49.98	Peak
7	5965.428	54.27	2.19	56.46	68.20	-11.74	Peak

Vertical

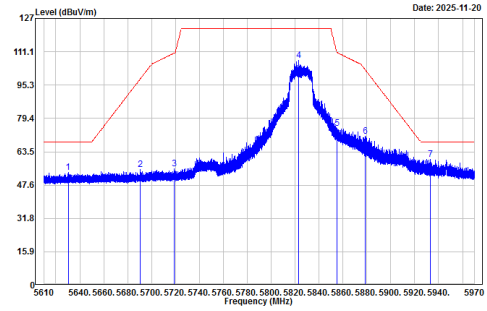


Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5745
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5630.172	54.21	1.05	55.26	68.20	-12.94	Peak
2	5699.604	58.45	1.28	59.73	104.91	-45.18	Peak
3	5716.284	67.17	1.33	68.50	109.76	-41.26	Peak
4	5746.044	100.22	1.42	101.64	------	------	Peak
5	5864.712	54.20	1.68	55.88	108.08	-52.20	Peak
6	5874.996	51.50	1.73	53.23	105.20	-51.97	Peak
7	5937.396	54.72	2.02	56.74	68.20	-11.46	Peak

802.11 ax20 Mode, 5825 MHz

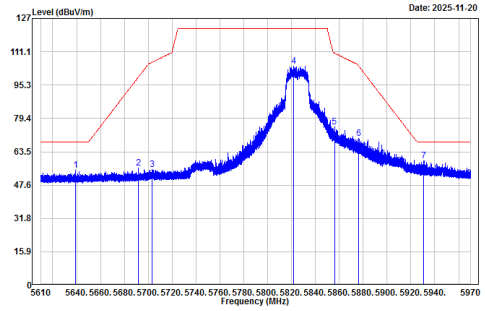
Horizontal



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5630.328	52.67	1.05	53.72	68.20	-14.48	Peak
2	5690.328	53.69	1.26	54.95	98.07	-43.12	Peak
3	5718.768	54.25	1.33	55.58	110.46	-54.88	Peak
4	5822.724	105.45	1.58	107.03	------	------	Peak
5	5855.052	73.13	1.64	74.77	110.79	-36.02	Peak
6	5878.680	69.26	1.74	71.00	102.47	-31.47	Peak
7	5933.040	58.03	2.01	60.04	68.20	-8.16	Peak

Vertical



Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5825
RBW/VBW : PK: 1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5639.004	53.48	1.10	54.58	68.20	-13.62	Peak
2	5691.816	54.33	1.26	55.59	99.17	-43.58	Peak
3	5703.060	53.76	1.29	55.05	106.06	-51.01	Peak
4	5821.632	102.66	1.59	104.25	------	------	Peak
5	5855.952	73.89	1.64	75.53	110.53	-35.00	Peak
6	5876.088	68.12	1.73	69.85	104.39	-34.54	Peak
7	5930.808	57.12	2.00	59.12	68.20	-9.08	Peak

Level = Reading + Factor.

Over Limit = Level – Limit.

Factor = Antenna Factor + Cable Loss – Amplifier Gain.

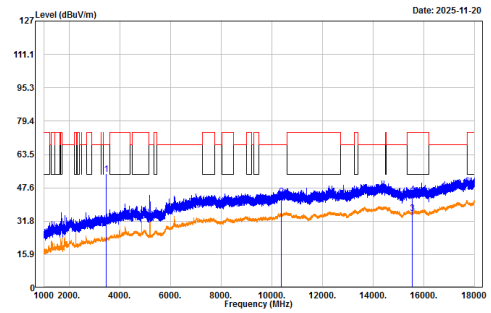
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

1GHz-18GHz:

UNII-1 Band I 5150-5250 MHz

802.11a Mode, 5180 MHz

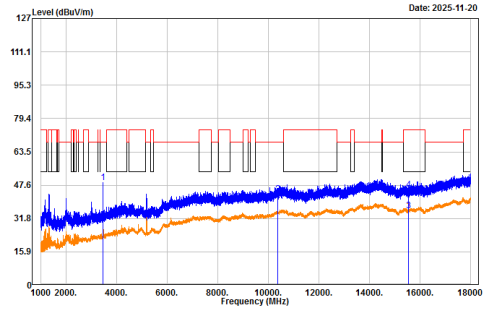
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	58.79	-4.62	54.17	68.20	-14.03	Peak
2	10360.000	32.65	10.85	43.50	68.20	-24.70	Peak
3	15540.000	22.67	12.89	35.56	54.00	-18.44	Average
4	15540.000	31.50	12.89	44.39	74.00	-29.61	Peak

Vertical

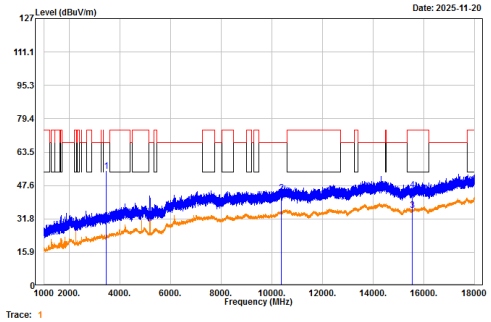


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	53.46	-4.62	48.84	68.20	-19.36	Peak
2	10360.000	32.64	10.85	43.49	68.20	-24.71	Peak
3	15540.000	22.62	12.89	35.51	54.00	-18.49	Average
4	15540.000	32.57	12.89	45.46	74.00	-28.54	Peak

802.11 n20 Mode, 5180 MHz

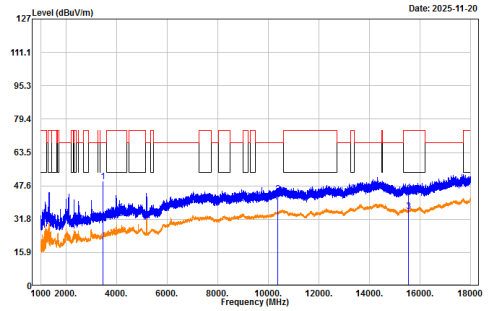
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	59.11	-4.62	54.49	68.20	-13.71	Peak
2	10360.000	33.16	10.85	44.01	68.20	-24.19	Peak
3	15540.000	23.02	12.89	35.91	54.00	-18.09	Average
4	15540.000	32.50	12.89	45.39	74.00	-28.61	Peak

Vertical



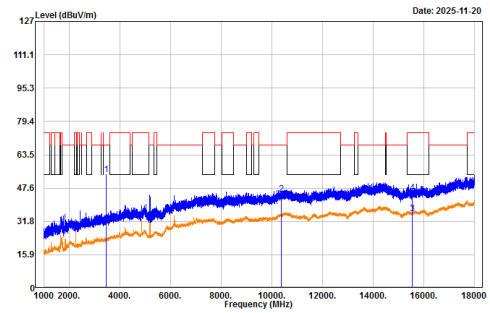
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	54.21	-4.62	49.59	68.20	-18.61	Peak
2	10360.000	33.02	10.85	43.87	68.20	-24.33	Peak
3	15540.000	22.49	12.89	35.38	54.00	-18.62	Average
4	15540.000	31.46	12.89	44.35	74.00	-29.65	Peak

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802.11 ac20 Mode, 5180 MHz

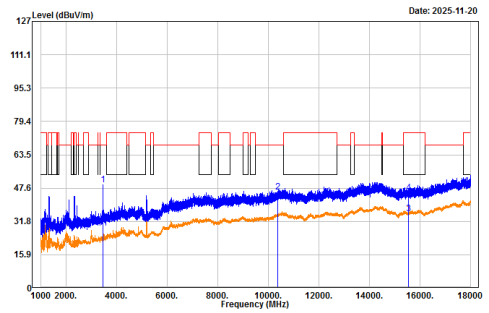
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	58.63	-4.62	54.01	68.20	-14.19	Peak
2	10360.000	33.89	10.85	44.74	68.20	-23.46	Peak
3	15540.000	22.67	12.89	35.56	54.00	-18.44	Average
4	15540.000	32.54	12.89	45.43	74.00	-28.57	Peak

Vertical

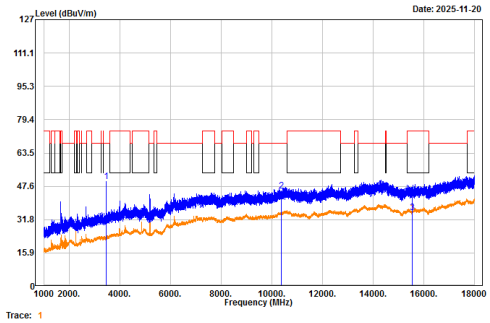


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	53.80	-4.62	49.18	68.20	-19.02	Peak
2	10360.000	34.79	10.85	45.64	68.20	-22.56	Peak
3	15540.000	22.47	12.89	35.36	54.00	-18.64	Average
4	15540.000	32.56	12.89	45.45	74.00	-28.55	Peak

802.11 ax20 Mode, 5180 MHz

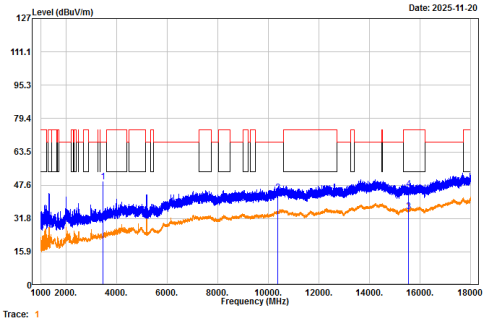
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	54.60	-4.62	49.98	68.20	-18.22	Peak
2	10360.000	34.60	10.85	45.45	68.20	-22.75	Peak
3	15540.000	22.05	12.89	34.94	54.00	-19.06	Average
4	15540.000	30.24	12.89	43.13	74.00	-30.87	Peak

Vertical



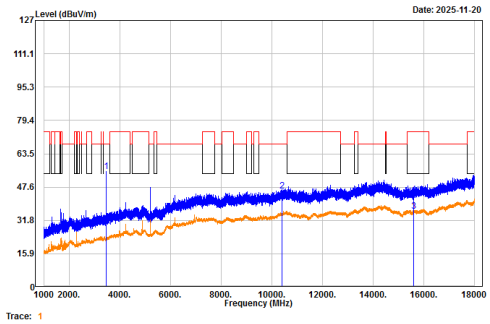
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5180
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	53.67	-4.62	49.05	68.20	-19.15	Peak
2	10360.000	33.15	10.85	44.00	68.20	-24.20	Peak
3	15540.000	22.07	12.89	34.96	54.00	-19.04	Average
4	15540.000	32.81	12.89	45.70	74.00	-28.30	Peak

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802.11a Mode, 5200 MHz

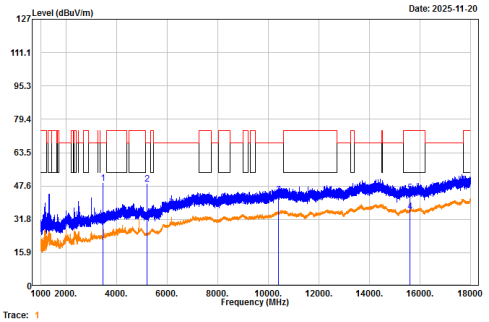
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	59.69	-4.63	55.06	68.20	-13.14	Peak
2	10400.000	34.81	10.98	45.79	68.20	-22.41	Peak
3	15600.000	23.00	12.97	35.97	54.00	-18.03	Average
4	15600.000	30.97	12.97	43.94	74.00	-30.06	Peak

Vertical

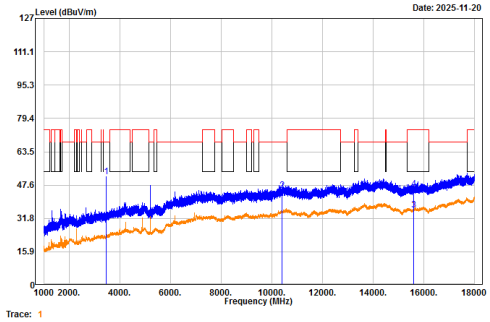


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	53.64	-4.63	49.01	68.20	-19.19	Peak
2	5205.800	49.02	-0.33	48.69	68.20	-19.51	Peak
3	10400.000	32.29	10.98	43.27	68.20	-24.93	Peak
4	15600.000	22.59	12.97	35.56	54.00	-18.44	Average
5	15600.000	31.43	12.97	44.40	74.00	-29.60	Peak

802.11 n20 Mode, 5200 MHz

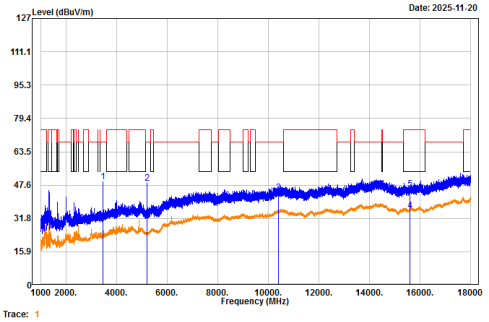
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	56.19	-4.63	51.56	68.20	-16.64	Peak
2	10400.000	33.98	10.98	44.96	68.20	-23.24	Peak
3	15600.000	22.94	12.97	35.91	54.00	-18.09	Average
4	15600.000	32.90	12.97	45.87	74.00	-28.13	Peak

Vertical



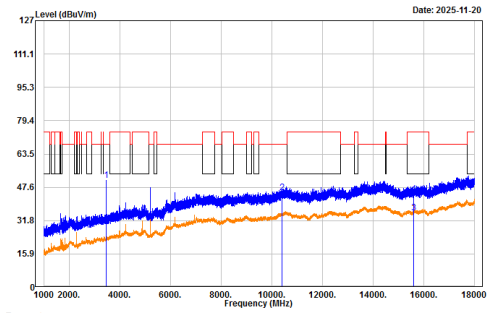
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	54.00	-4.63	49.37	68.20	-18.83	Peak
2	5204.100	48.93	-0.33	48.60	68.20	-19.60	Peak
3	10400.000	32.96	10.98	43.94	68.20	-24.26	Peak
4	15600.000	22.38	12.97	35.35	54.00	-18.65	Average
5	15600.000	32.95	12.97	45.92	74.00	-28.08	Peak

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802.11 ac20 Mode, 5200 MHz

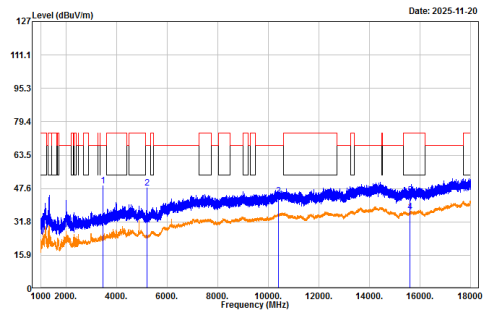
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	55.60	-4.63	50.97	68.20	-17.23	Peak
2	10400.000	33.95	10.98	44.93	68.20	-23.27	Peak
3	15600.000	22.32	12.97	35.29	54.00	-18.71	Average
4	15600.000	31.26	12.97	44.23	74.00	-29.77	Peak

Vertical

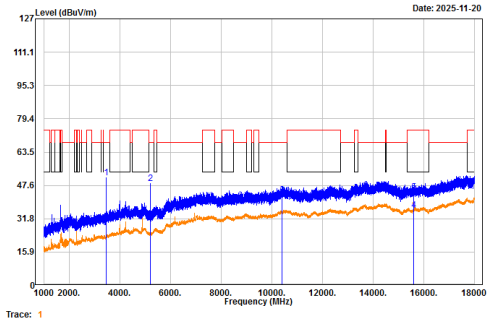


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	53.46	-4.63	48.83	68.20	-19.37	Peak
2	5205.233	48.33	-0.33	48.00	68.20	-20.20	Peak
3	10400.000	33.08	10.98	44.06	68.20	-24.14	Peak
4	15600.000	23.59	12.97	36.56	54.00	-17.44	Average
5	15600.000	31.54	12.97	44.51	74.00	-29.49	Peak

802.11 ax20 Mode, 5200 MHz

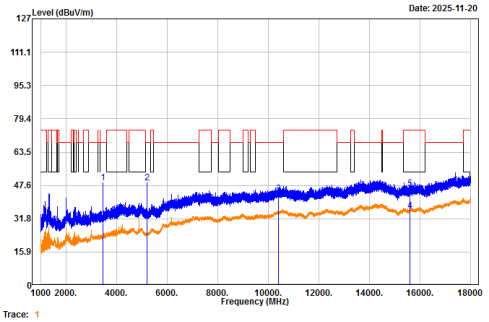
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	55.79	-4.63	51.16	68.20	-17.04	Peak
2	5203.533	48.83	-0.33	48.50	68.20	-19.70	Peak
3	10400.000	32.18	10.98	43.16	68.20	-25.04	Peak
4	15600.000	22.73	12.97	35.70	54.00	-18.30	Average
5	15600.000	31.43	12.97	44.40	74.00	-29.60	Peak

Vertical



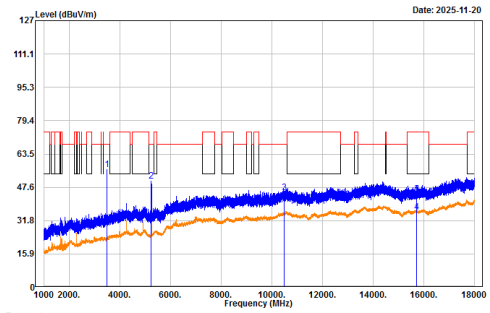
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	53.40	-4.63	48.77	68.20	-19.43	Peak
2	5199.000	49.11	-0.34	48.77	68.20	-19.43	Peak
3	10400.000	32.75	10.98	43.73	68.20	-24.47	Peak
4	15600.000	22.56	12.97	35.53	54.00	-18.47	Average
5	15600.000	33.06	12.97	46.03	74.00	-27.97	Peak

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802.11a Mode, 5240 MHz

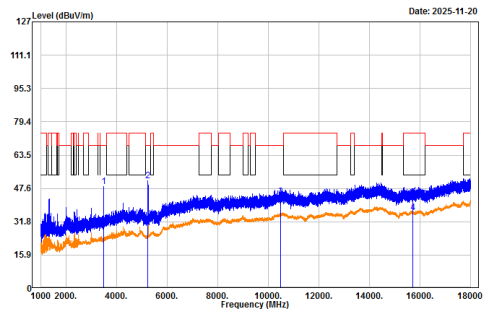
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	60.90	-4.67	56.23	68.20	-11.97	Peak
2	5238.667	50.86	-0.28	50.58	68.20	-17.62	Peak
3	10480.000	33.63	11.32	44.95	68.20	-23.25	Peak
4	15720.000	22.61	13.03	35.64	54.00	-18.36	Average
5	15720.000	31.38	13.03	44.41	74.00	-29.59	Peak

Vertical

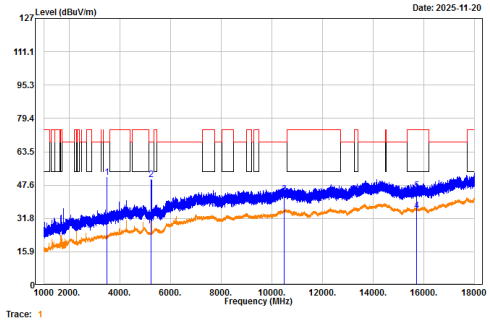


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	53.21	-4.67	48.54	68.20	-19.66	Peak
2	5236.967	51.66	-0.29	51.37	68.20	-16.83	Peak
3	10480.000	32.39	11.32	43.71	68.20	-24.49	Peak
4	15720.000	23.85	13.03	36.88	54.00	-17.92	Average
5	15720.000	30.37	13.03	43.40	74.00	-30.60	Peak

802.11 n20 Mode, 5240 MHz

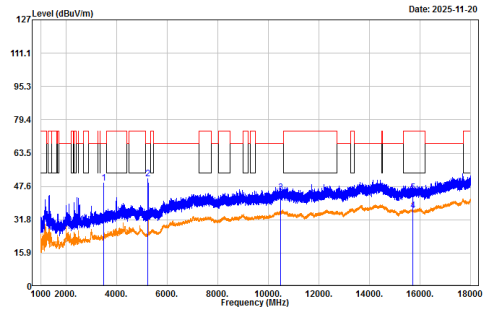
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	55.82	-4.67	51.15	68.20	-17.05	Peak
2	5238.667	50.58	-0.28	50.30	68.20	-17.90	Peak
3	10480.000	32.03	11.32	43.35	68.20	-24.85	Peak
4	15720.000	22.37	13.03	35.40	54.00	-18.60	Average
5	15720.000	32.08	13.03	45.11	74.00	-28.89	Peak

Vertical



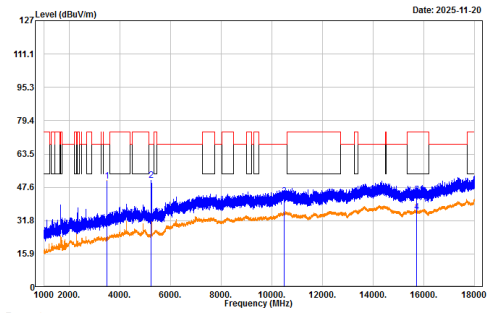
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	53.88	-4.67	49.21	68.20	-18.99	Peak
2	5236.967	51.46	-0.29	51.17	68.20	-17.03	Peak
3	10480.000	33.43	11.32	44.75	68.20	-23.45	Peak
4	15720.000	22.95	13.03	35.98	54.00	-18.02	Average
5	15720.000	31.56	13.03	44.59	74.00	-29.41	Peak

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802.11 ac20 Mode, 5240 MHz

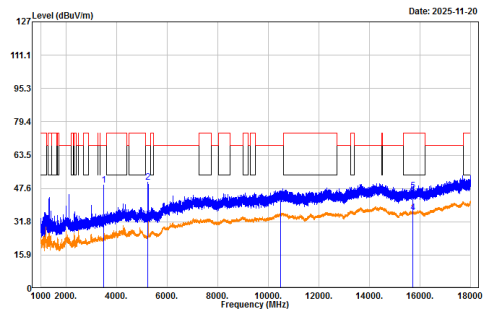
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3492.767	55.36	-4.67	50.69	68.20	-17.51	Peak
2	5236.400	51.16	-0.29	50.87	68.20	-17.33	Peak
3	10480.000	32.19	11.32	43.51	68.20	-24.69	Peak
4	15720.000	22.82	13.03	35.85	54.00	-18.15	Average
5	15720.000	31.17	13.03	44.20	74.00	-29.80	Peak

Vertical

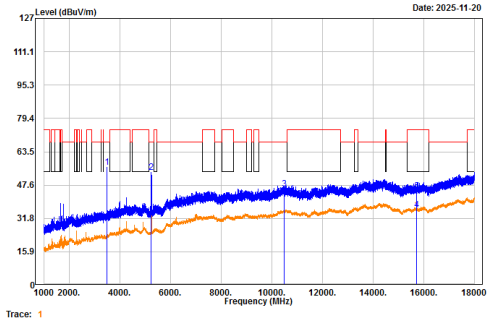


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	53.94	-4.67	49.27	68.20	-18.93	Peak
2	5238.100	51.02	-0.28	50.74	68.20	-17.46	Peak
3	10480.000	30.92	11.32	42.24	68.20	-25.96	Peak
4	15720.000	23.12	13.03	36.15	54.00	-17.85	Average
5	15720.000	33.57	13.03	46.60	74.00	-27.40	Peak

802.11 ax20 Mode, 5240 MHz

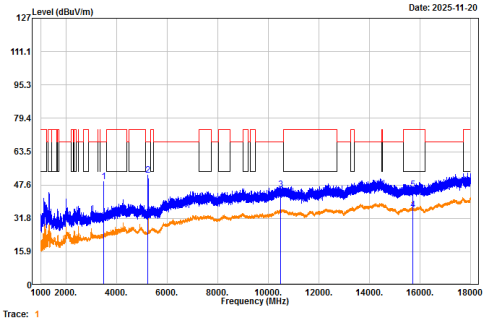
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	60.90	-4.67	56.23	68.20	-11.97	Peak
2	5237.533	53.94	-0.28	53.66	68.20	-14.54	Peak
3	10480.000	34.53	11.32	45.85	68.20	-22.35	Peak
4	15720.000	22.62	13.03	35.65	54.00	-18.35	Average
5	15720.000	31.64	13.03	44.67	74.00	-29.33	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5240
RBW/VBW : PK: 1M/3M; AV: 1M/3K

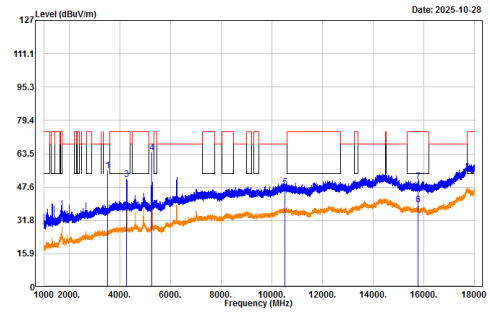
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	53.97	-4.67	49.30	68.20	-18.90	Peak
2	5237.533	52.58	-0.28	52.30	68.20	-15.90	Peak
3	10480.000	34.01	11.32	45.33	68.20	-22.87	Peak
4	15720.000	22.64	13.03	35.67	54.00	-18.33	Average
5	15720.000	32.23	13.03	45.26	74.00	-28.74	Peak

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UNII-2A Band II 5250~5350 MHz

802.11a Mode, 5260 MHz

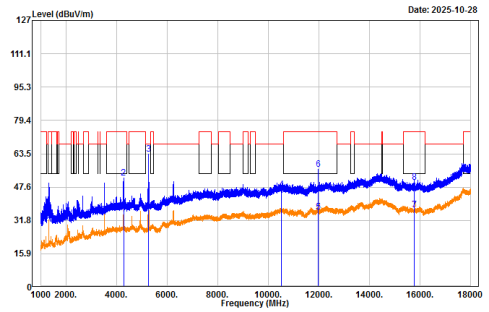
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : A-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	59.36	-3.96	55.40	68.20	-12.80	Peak
2	4271.367	38.40	-2.08	36.32	54.00	-17.68	Average
3	4271.367	53.53	-2.08	51.45	74.00	-22.55	Peak
4	5264.733	63.58	0.53	64.11	68.20	-4.09	Peak
5	10520.000	36.57	10.76	47.33	68.20	-20.87	Peak
6	15780.000	27.36	11.75	39.11	54.00	-14.89	Average
7	15780.000	38.63	11.75	50.38	74.00	-23.62	Peak

Vertical

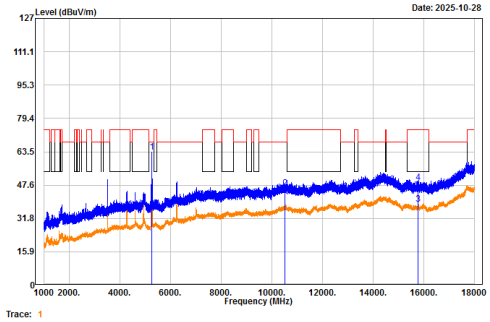


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : A-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	4273.633	37.01	-2.09	34.92	54.00	-19.08	Average
2	4273.633	53.97	-2.09	51.88	74.00	-22.12	Peak
3	5261.900	62.76	0.53	63.29	68.20	-4.91	Peak
4	10520.000	35.83	10.76	46.59	68.20	-21.61	Peak
5	11981.430	23.78	11.90	35.68	54.00	-18.32	Average
6	11981.430	44.26	11.90	56.16	74.00	-17.84	Peak
7	15780.000	25.23	11.75	36.98	54.00	-17.02	Average
8	15780.000	38.00	11.75	49.75	74.00	-24.25	Peak

802.11 n20 Mode, 5260 MHz

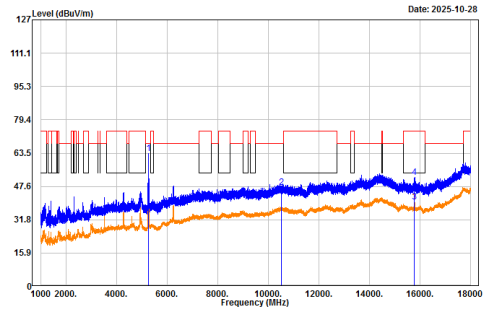
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : N20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5256.233	62.81	0.53	63.34	68.20	-4.86	Peak
2	10520.000	35.30	10.76	46.06	68.20	-22.14	Peak
3	15780.000	26.82	11.75	38.57	54.00	-15.43	Average
4	15780.000	37.04	11.75	48.79	74.00	-25.21	Peak

Vertical



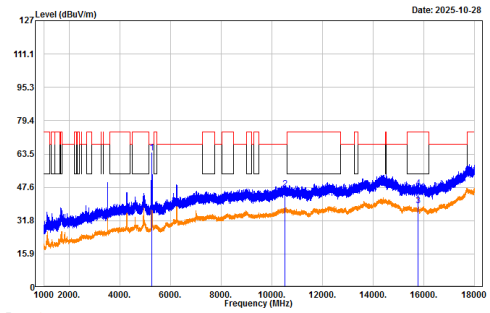
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : N20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5260.200	62.84	0.53	63.37	68.20	-4.83	Peak
2	10520.000	36.31	10.76	47.07	68.20	-21.13	Peak
3	15780.000	28.61	11.75	40.36	54.00	-13.64	Average
4	15780.000	40.26	11.75	52.01	74.00	-21.99	Peak

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802.11 ac20 Mode, 5260 MHz

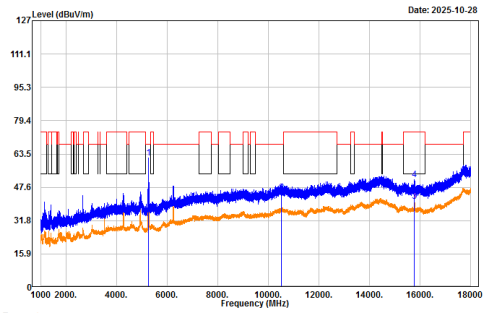
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AC20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5255.667	63.52	0.53	64.05	68.20	-4.15	Peak
2	10520.000	35.88	10.76	46.64	68.20	-21.56	Peak
3	15780.000	27.01	11.75	38.76	54.00	-15.24	Average
4	15780.000	35.40	11.75	47.15	74.00	-26.85	Peak

Vertical

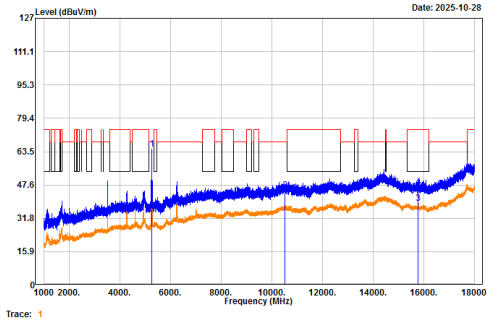


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AC20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5259.633	61.18	0.53	61.71	68.20	-6.49	Peak
2	10520.000	34.33	10.76	45.09	68.20	-23.11	Peak
3	15780.000	29.12	11.75	40.87	54.00	-13.13	Average
4	15780.000	39.51	11.75	51.26	74.00	-22.74	Peak

802.11 ax20 Mode, 5260 MHz

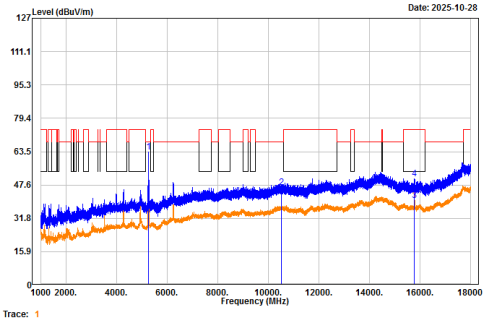
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AX20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5256.800	64.10	0.53	64.63	68.20	-3.57	Peak
2	10520.000	34.26	10.76	45.02	68.20	-23.18	Peak
3	15780.000	27.12	11.75	38.87	54.00	-15.13	Average
4	15780.000	35.14	11.75	46.89	74.00	-27.11	Peak

Vertical



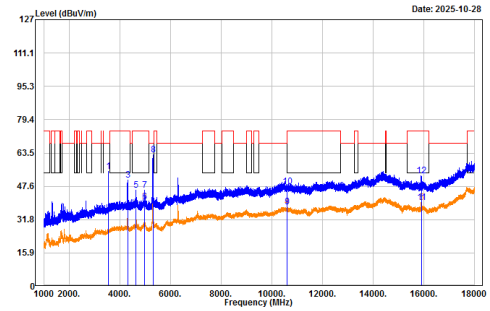
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AX20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5257.367	62.67	0.53	63.20	68.20	-5.00	Peak
2	10520.000	35.62	10.76	46.38	68.20	-21.82	Peak
3	15780.000	28.47	11.75	40.22	54.00	-13.78	Average
4	15780.000	38.81	11.75	50.56	74.00	-23.44	Peak

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802.11a Mode, 5300 MHz

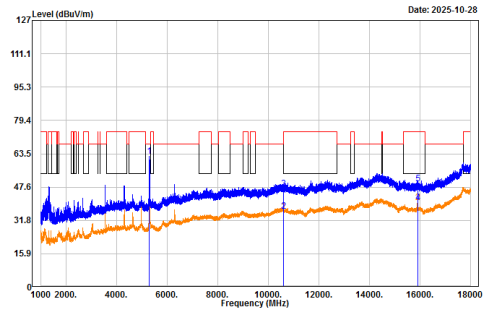
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : A-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.567	58.61	-3.87	54.74	68.20	-13.46	Peak
2	4306.500	37.10	-2.12	34.98	54.00	-19.02	Average
3	4306.500	52.60	-2.12	50.48	74.00	-23.52	Peak
4	4637.433	38.05	-1.32	36.73	54.00	-17.27	Average
5	4637.433	47.08	-1.32	45.76	74.00	-28.24	Peak
6	4968.933	40.12	0.00	40.12	54.00	-13.88	Average
7	4968.933	45.89	0.00	45.89	74.00	-28.11	Peak
8	5306.667	61.99	0.52	62.51	68.20	-5.69	Peak
9	10600.000	27.30	10.61	37.91	54.00	-16.09	Average
10	10600.000	36.91	10.61	47.52	74.00	-26.48	Peak
11	15900.000	28.15	11.69	39.84	54.00	-14.16	Average
12	15900.000	40.84	11.69	52.53	74.00	-21.47	Peak

Vertical

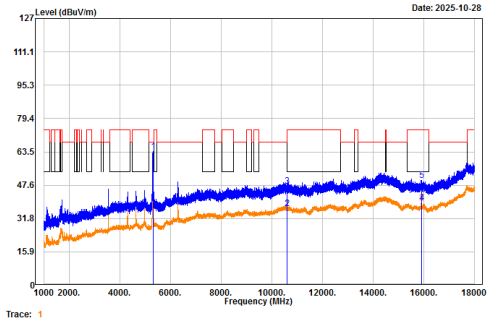


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : A-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5299.300	61.71	0.51	62.22	68.20	-5.98	Peak
2	10600.000	25.48	10.61	36.09	54.00	-17.91	Average
3	10600.000	36.17	10.61	46.78	74.00	-27.22	Peak
4	15900.000	28.57	11.69	40.26	54.00	-13.74	Average
5	15900.000	37.67	11.69	49.36	74.00	-24.64	Peak

802.11 n20 Mode, 5300 MHz

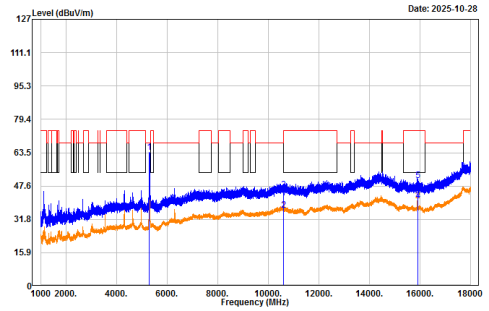
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : N20-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5306.100	63.23	0.52	63.75	68.20	-4.45	Peak
2	10600.000	25.88	10.61	36.49	54.00	-17.51	Average
3	10600.000	36.65	10.61	47.26	74.00	-26.74	Peak
4	15900.000	27.39	11.69	39.08	54.00	-14.92	Average
5	15900.000	38.35	11.69	50.04	74.00	-23.96	Peak

Vertical



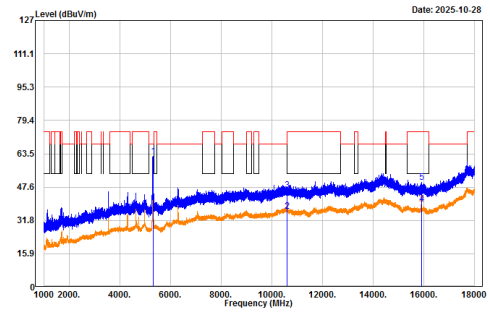
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : N20-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5301.000	63.05	0.51	63.56	68.20	-4.64	Peak
2	10600.000	25.63	10.61	36.24	54.00	-17.76	Average
3	10600.000	35.12	10.61	45.73	74.00	-28.27	Peak
4	15900.000	28.85	11.69	40.54	54.00	-13.46	Average
5	15900.000	38.52	11.69	50.21	74.00	-23.79	Peak

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802.11 ac20 Mode, 5300 MHz

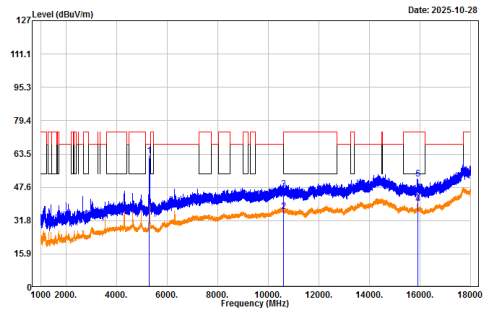
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AC20-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5304.967	61.87	0.52	62.39	68.20	-5.81	Peak
2	10600.000	25.69	10.61	36.30	54.00	-17.70	Average
3	10600.000	35.53	10.61	46.14	74.00	-27.86	Peak
4	15900.000	28.04	11.69	39.73	54.00	-14.27	Average
5	15900.000	38.05	11.69	49.74	74.00	-24.26	Peak

Vertical

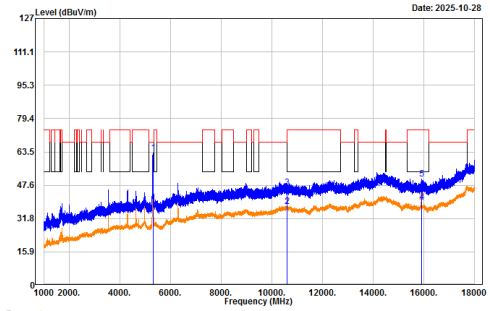


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AC20-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5298.733	62.07	0.51	62.58	68.20	-5.62	Peak
2	10600.000	25.60	10.61	36.21	54.00	-17.79	Average
3	10600.000	36.08	10.61	46.69	74.00	-27.31	Peak
4	15900.000	28.12	11.69	39.81	54.00	-14.19	Average
5	15900.000	39.91	11.69	51.60	74.00	-22.40	Peak

802.11 ax20 Mode, 5300 MHz

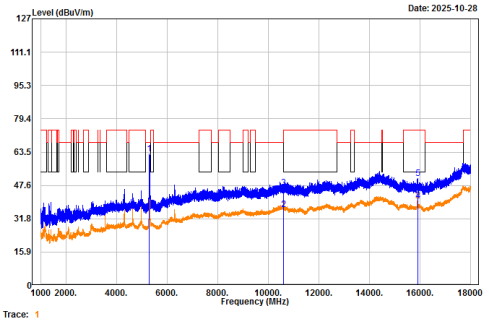
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AX20-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5303.833	62.48	0.52	63.00	68.20	-5.20	Peak
2	10600.000	26.85	10.61	37.46	54.00	-16.54	Average
3	10600.000	35.81	10.61	46.42	74.00	-27.58	Peak
4	15900.000	27.78	11.69	39.47	54.00	-14.53	Average
5	15900.000	38.78	11.69	50.47	74.00	-23.53	Peak

Vertical



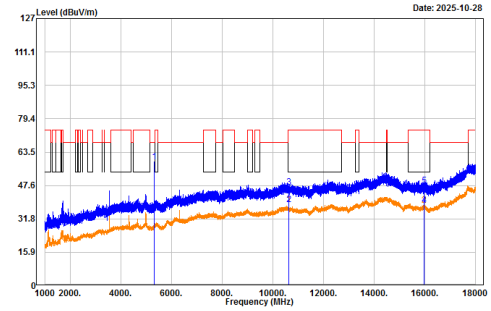
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AX20-TX-5300
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5301.000	61.99	0.51	62.50	68.20	-5.70	Peak
2	10600.000	25.64	10.61	36.25	54.00	-17.75	Average
3	10600.000	35.71	10.61	46.32	74.00	-27.68	Peak
4	15900.000	28.65	11.69	40.34	54.00	-13.66	Average
5	15900.000	39.20	11.69	50.89	74.00	-23.11	Peak

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802.11a Mode, 5320 MHz

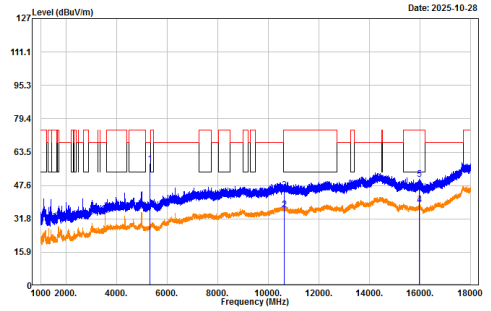
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : A-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5323.100	58.44	0.56	59.00	68.20	-9.20	Peak
2	10640.000	27.78	10.61	38.39	54.00	-15.61	Average
3	10640.000	36.36	10.61	46.97	74.00	-27.03	Peak
4	15960.000	26.22	11.83	38.05	54.00	-15.95	Average
5	15960.000	35.52	11.83	47.35	74.00	-26.65	Peak

Vertical

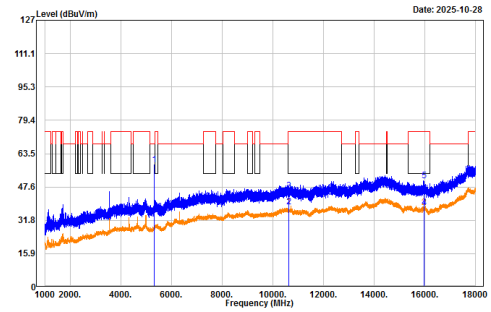


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : A-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5318.567	57.42	0.55	57.97	68.20	-10.23	Peak
2	10640.000	25.59	10.61	36.20	54.00	-17.80	Average
3	10640.000	34.90	10.61	45.51	74.00	-28.49	Peak
4	15960.000	26.87	11.83	38.70	54.00	-15.30	Average
5	15960.000	38.75	11.83	50.58	74.00	-23.42	Peak

802.11 n20 Mode, 5320 MHz

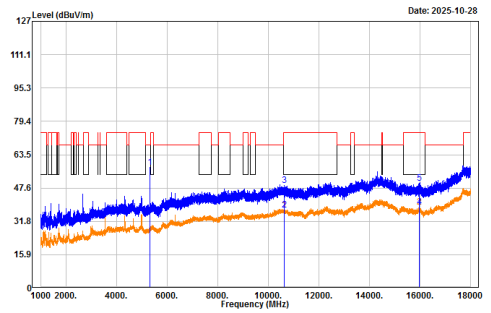
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : N20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5325.367	57.65	0.55	58.20	68.20	-10.00	Peak
2	10640.000	27.75	10.61	38.36	54.00	-15.64	Average
3	10640.000	35.26	10.61	45.87	74.00	-28.13	Peak
4	15960.000	26.02	11.83	37.85	54.00	-16.15	Average
5	15960.000	38.72	11.83	50.55	74.00	-23.45	Peak

Vertical



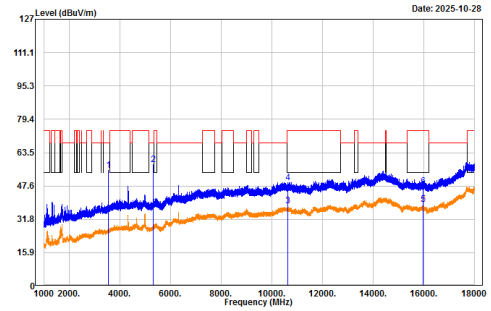
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : N20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5324.233	56.75	0.56	57.31	68.20	-10.89	Peak
2	10640.000	26.61	10.61	37.22	54.00	-16.78	Average
3	10640.000	38.14	10.61	48.75	74.00	-25.25	Peak
4	15960.000	26.84	11.83	38.67	54.00	-15.33	Average
5	15960.000	38.13	11.83	49.96	74.00	-24.04	Peak

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802.11 ac20 Mode, 5320 MHz

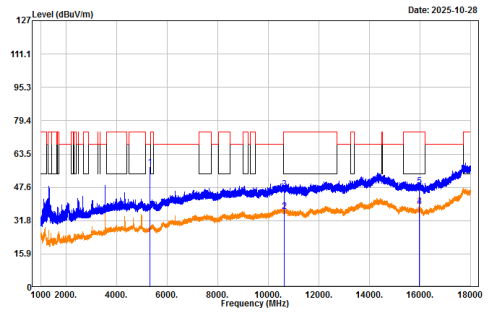
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AC20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	58.87	-3.83	55.04	68.20	-13.16	Peak
2	5324.233	57.35	0.56	57.91	68.20	-10.29	Peak
3	10640.000	27.45	10.61	38.06	54.00	-15.94	Average
4	10640.000	38.70	10.61	49.31	74.00	-24.69	Peak
5	15960.000	27.06	11.83	38.89	54.00	-15.11	Average
6	15960.000	35.53	11.83	47.36	74.00	-26.64	Peak

Vertical

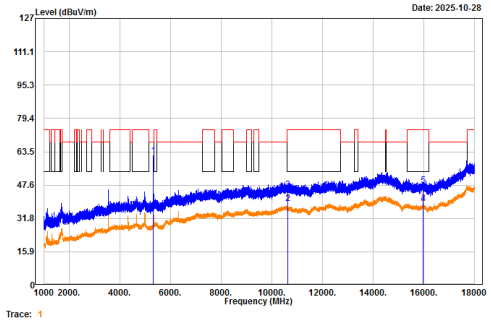


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AC20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5324.233	56.57	0.56	57.13	68.20	-11.07	Peak
2	10640.000	25.39	10.61	36.00	54.00	-18.00	Average
3	10640.000	36.36	10.61	46.97	74.00	-27.03	Peak
4	15960.000	26.64	11.83	38.47	54.00	-15.53	Average
5	15960.000	36.31	11.83	48.14	74.00	-25.86	Peak

802.11 ax20 Mode, 5320 MHz

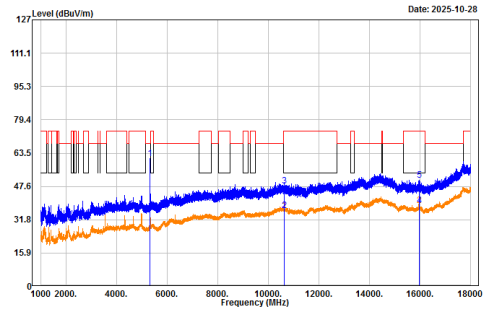
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AX20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5320.833	61.09	0.55	61.64	68.20	-6.56	Peak
2	10640.000	28.23	10.61	38.84	54.00	-15.16	Average
3	10640.000	34.70	10.61	45.31	74.00	-28.69	Peak
4	15960.000	27.13	11.83	38.96	54.00	-15.04	Average
5	15960.000	35.65	11.83	47.48	74.00	-26.52	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 59%
Memo : AX20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/3K

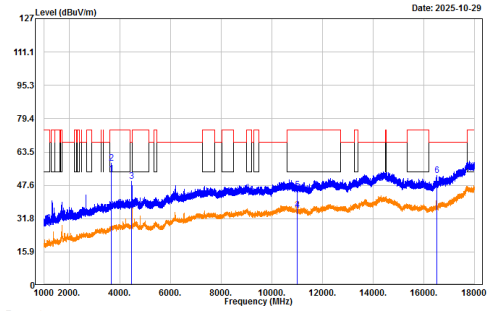
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5321.967	60.36	0.55	60.91	68.20	-7.29	Peak
2	10640.000	25.63	10.61	36.24	54.00	-17.76	Average
3	10640.000	37.26	10.61	47.87	74.00	-26.13	Peak
4	15960.000	26.71	11.83	38.54	54.00	-15.46	Average
5	15960.000	38.73	11.83	50.56	74.00	-23.44	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2C Band III 5470-5725 MHz

802.11a Mode, 5500 MHz

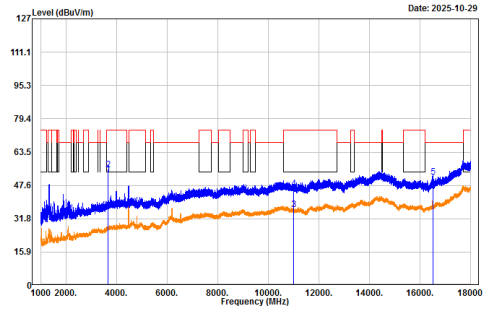
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.39	-3.29	53.10	54.00	-0.90	Average
2	3666.733	61.42	-3.29	58.13	74.00	-15.87	Peak
3	4465.167	51.43	-1.77	49.66	68.20	-18.54	Peak
4	11000.000	25.42	10.23	35.65	54.00	-18.35	Average
5	11000.000	35.26	10.23	45.49	74.00	-28.51	Peak
6	16500.000	39.94	12.41	52.35	68.20	-15.85	Peak

Vertical

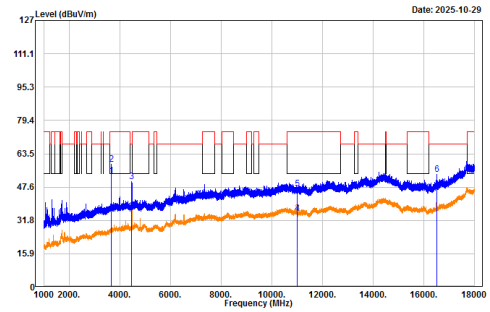


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.30	-3.29	53.01	54.00	-0.99	Average
2	3666.733	58.31	-3.29	55.02	74.00	-18.98	Peak
3	11000.000	25.79	10.23	36.02	54.00	-17.98	Average
4	11000.000	36.01	10.23	46.24	74.00	-27.76	Peak
5	16500.000	39.14	12.41	51.55	68.20	-16.65	Peak

802.11 n20 Mode, 5500 MHz

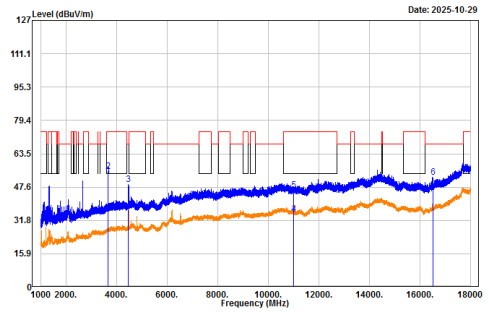
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.39	-3.29	53.10	54.00	-0.90	Average
2	3666.733	61.87	-3.29	58.58	74.00	-15.42	Peak
3	4464.600	51.85	-1.77	50.08	68.20	-18.12	Peak
4	11000.000	24.74	10.23	34.97	54.00	-19.03	Average
5	11000.000	36.49	10.23	46.72	74.00	-27.28	Peak
6	16500.000	41.39	12.41	53.80	68.20	-14.40	Peak

Vertical



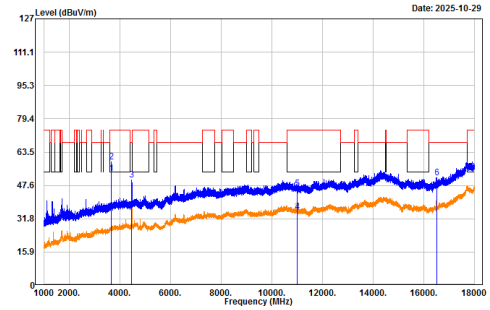
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.40	-3.29	53.11	54.00	-0.89	Average
2	3666.733	58.37	-3.29	55.08	74.00	-18.92	Peak
3	4469.133	50.56	-1.76	48.80	68.20	-19.40	Peak
4	11000.000	24.55	10.23	34.78	54.00	-19.22	Average
5	11000.000	36.03	10.23	46.26	74.00	-27.74	Peak
6	16500.000	40.02	12.41	52.43	68.20	-15.77	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5500 MHz

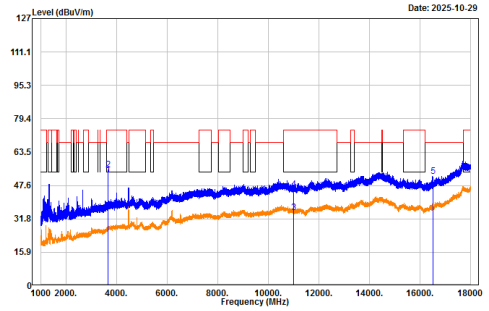
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.48	-3.29	53.19	54.00	-0.81	Average
2	3666.733	62.12	-3.29	58.83	74.00	-15.17	Peak
3	4468.567	51.87	-1.76	50.11	68.20	-18.09	Peak
4	11000.000	24.83	10.23	35.06	54.00	-18.94	Average
5	11000.000	36.02	10.23	46.25	74.00	-27.75	Peak
6	16500.000	38.94	12.41	51.35	68.20	-16.85	Peak

Vertical

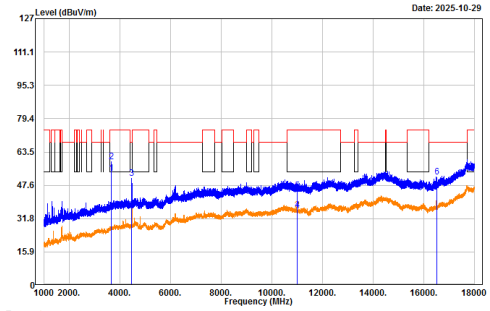


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	55.97	-3.29	52.68	54.00	-1.32	Average
2	3666.733	58.44	-3.29	55.15	74.00	-18.85	Peak
3	11000.000	24.55	10.23	34.78	54.00	-19.22	Average
4	11000.000	35.68	10.23	45.91	74.00	-28.09	Peak
5	16500.000	39.72	12.41	52.13	68.20	-16.07	Peak

802.11 ax20 Mode, 5500 MHz

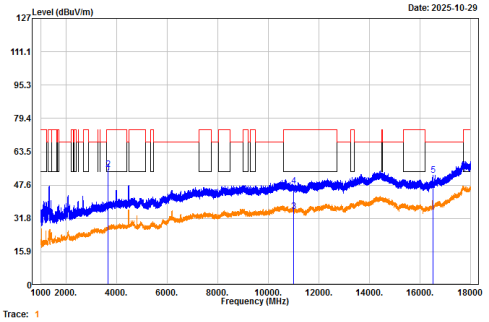
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.68	-3.29	53.39	54.00	-0.61	Average
2	3666.733	62.22	-3.29	58.93	74.00	-15.07	Peak
3	4468.000	52.74	-1.76	50.98	68.20	-17.22	Peak
4	11000.000	25.43	10.23	35.66	54.00	-18.34	Average
5	11000.000	34.78	10.23	45.01	74.00	-28.99	Peak
6	16500.000	39.37	12.41	51.78	68.20	-16.42	Peak

Vertical



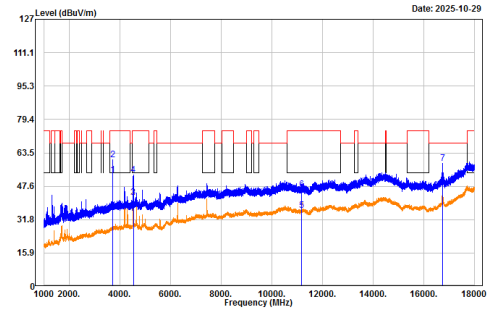
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3666.733	56.81	-3.29	53.52	54.00	-0.48	Average
2	3666.733	58.22	-3.29	54.93	74.00	-19.07	Peak
3	11000.000	24.88	10.23	35.11	54.00	-18.89	Average
4	11000.000	37.04	10.23	47.27	74.00	-26.73	Peak
5	16500.000	39.76	12.41	52.17	68.20	-16.03	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11a Mode, 5580 MHz

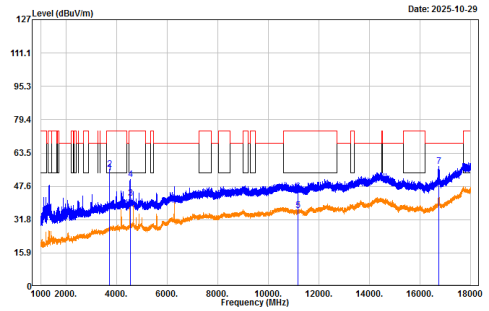
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	55.95	-2.86	53.09	54.00	-0.91	Average
2	3720.000	63.16	-2.86	60.30	74.00	-13.70	Peak
3	4530.900	43.89	-1.62	42.27	54.00	-11.73	Average
4	4530.900	54.70	-1.62	53.08	74.00	-20.92	Peak
5	11160.000	26.09	10.13	36.22	54.00	-17.78	Average
6	11160.000	36.16	10.13	46.29	74.00	-27.71	Peak
7	16740.000	44.74	13.87	58.61	68.20	-9.59	Peak

Vertical

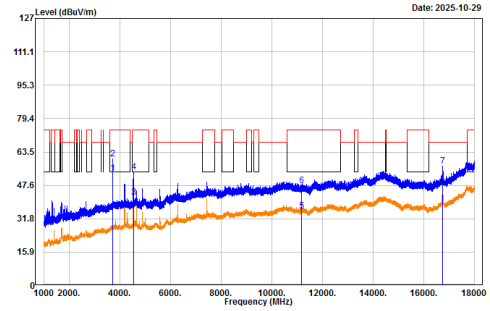


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	56.78	-2.86	53.92	54.00	-0.08	Average
2	3720.000	58.46	-2.86	55.60	74.00	-18.40	Peak
3	4536.567	43.61	-1.59	42.02	54.00	-11.98	Average
4	4536.567	52.67	-1.59	51.08	74.00	-22.92	Peak
5	11160.000	26.16	10.13	36.29	54.00	-17.71	Average
6	11160.000	34.84	10.13	44.97	74.00	-29.03	Peak
7	16740.000	43.42	13.87	57.29	68.20	-10.91	Peak

802.11 n20 Mode, 5580 MHz

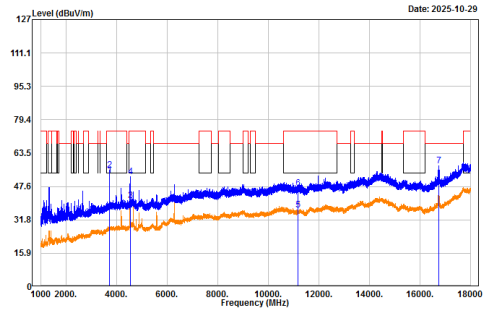
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	56.27	-2.86	53.41	54.00	-0.59	Average
2	3720.000	63.00	-2.86	60.14	74.00	-13.86	Peak
3	4534.867	43.46	-1.60	41.86	54.00	-12.14	Average
4	4534.867	55.65	-1.60	54.05	74.00	-19.95	Peak
5	11160.000	25.31	10.13	35.44	54.00	-18.56	Average
6	11160.000	37.45	10.13	47.58	74.00	-26.42	Peak
7	16740.000	42.93	13.87	56.80	68.20	-11.40	Peak

Vertical



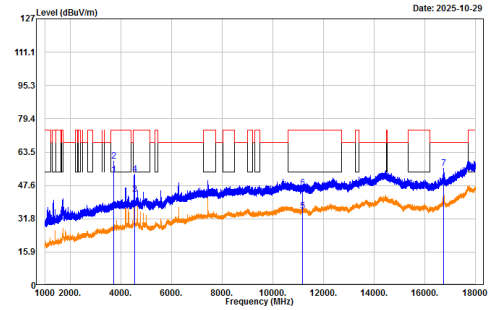
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	55.90	-2.86	53.04	54.00	-0.96	Average
2	3720.000	58.32	-2.86	55.46	74.00	-18.54	Peak
3	4533.733	42.66	-1.60	41.06	54.00	-12.94	Average
4	4533.733	53.90	-1.60	52.30	74.00	-21.70	Peak
5	11160.000	26.19	10.13	36.32	54.00	-17.68	Average
6	11160.000	36.57	10.13	46.70	74.00	-27.30	Peak
7	16740.000	43.58	13.87	57.45	68.20	-10.75	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5580 MHz

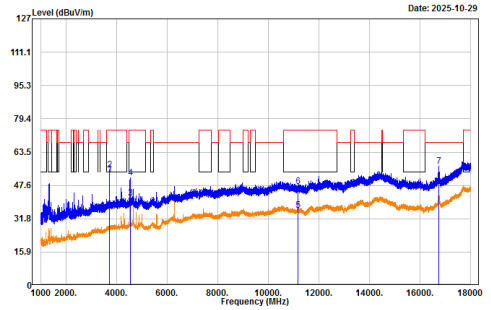
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	55.57	-2.86	52.71	54.00	-1.29	Average
2	3720.000	62.23	-2.86	59.37	74.00	-14.63	Peak
3	4536.567	45.12	-1.59	43.53	54.00	-10.47	Average
4	4536.567	54.70	-1.59	53.11	74.00	-20.89	Peak
5	11160.000	25.32	10.13	35.45	54.00	-18.55	Average
6	11160.000	36.42	10.13	46.55	74.00	-27.45	Peak
7	16740.000	42.05	13.87	55.92	68.20	-12.28	Peak

Vertical

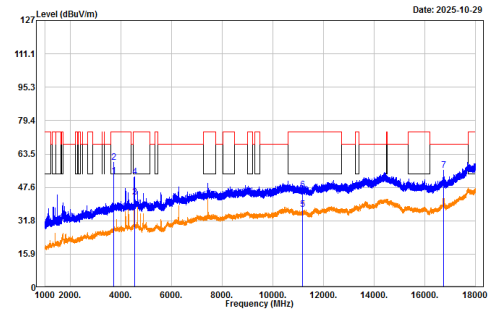


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	55.91	-2.86	53.05	54.00	-0.95	Average
2	3720.000	57.92	-2.86	55.06	74.00	-18.94	Peak
3	4535.433	43.11	-1.60	41.51	54.00	-12.49	Average
4	4535.433	53.01	-1.60	51.41	74.00	-22.59	Peak
5	11160.000	25.50	10.13	35.63	54.00	-18.37	Average
6	11160.000	36.85	10.13	46.98	74.00	-27.02	Peak
7	16740.000	42.93	13.87	56.80	68.20	-11.40	Peak

802.11 ax20 Mode, 5580 MHz

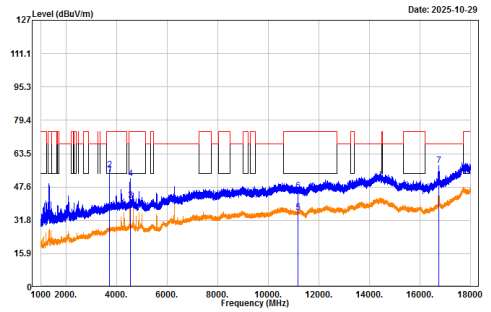
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	55.98	-2.86	53.12	54.00	-0.88	Average
2	3720.000	62.29	-2.86	59.43	74.00	-14.57	Peak
3	4538.833	44.61	-1.58	43.03	54.00	-10.97	Average
4	4538.833	54.37	-1.58	52.79	74.00	-21.21	Peak
5	11160.000	26.94	10.13	37.07	54.00	-16.93	Average
6	11160.000	36.30	10.13	46.43	74.00	-27.57	Peak
7	16740.000	41.87	13.87	55.74	68.20	-12.46	Peak

Vertical



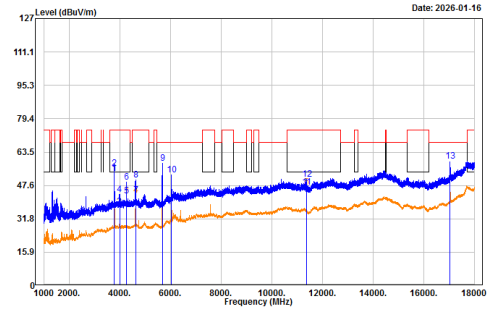
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5580
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	56.44	-2.86	53.58	54.00	-0.42	Average
2	3720.000	58.65	-2.86	55.79	74.00	-18.21	Peak
3	4533.733	42.99	-1.60	41.39	54.00	-12.61	Average
4	4533.733	53.16	-1.60	51.56	74.00	-22.44	Peak
5	11160.000	25.34	10.13	35.47	54.00	-18.53	Average
6	11160.000	35.57	10.13	45.70	74.00	-28.30	Peak
7	16740.000	43.96	13.87	57.83	68.20	-10.37	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11a Mode, 5680 MHz

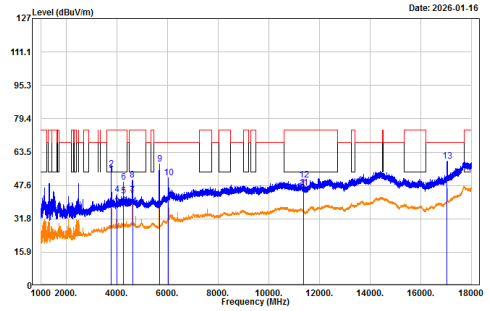
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	55.58	-2.40	53.18	54.00	-0.82	Average
2	3786.867	58.20	-2.40	55.80	74.00	-18.20	Peak
3	3988.033	39.54	-2.01	37.53	54.00	-16.47	Average
4	3988.033	45.52	-2.01	43.51	74.00	-30.49	Peak
5	4259.467	44.73	-2.08	42.65	54.00	-11.35	Average
6	4259.467	51.47	-2.08	49.39	74.00	-24.61	Peak
7	4619.300	44.43	-1.38	43.05	54.00	-10.95	Average
8	4619.300	51.77	-1.38	50.39	74.00	-23.61	Peak
9	5684.633	56.98	1.24	58.22	68.20	-9.98	Peak
10	6031.433	50.18	2.48	52.66	68.20	-15.54	Peak
11	11360.000	36.67	10.08	46.75	54.00	-7.25	Average
12	11360.000	40.53	10.08	50.61	74.00	-23.39	Peak
13	17040.000	43.27	15.97	59.24	68.20	-8.96	Peak

Vertical

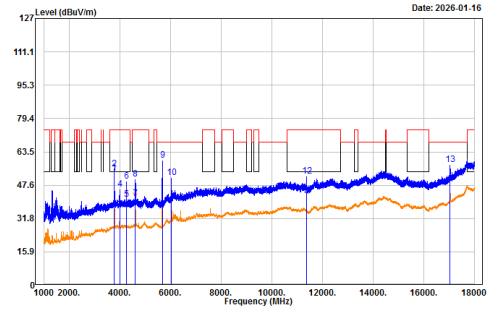


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	55.14	-2.40	52.74	54.00	-1.26	Average
2	3786.867	57.95	-2.40	55.55	74.00	-18.45	Peak
3	3995.400	39.49	-2.00	37.49	54.00	-16.51	Average
4	3995.400	45.34	-2.00	43.34	74.00	-30.66	Peak
5	4258.900	44.64	-2.08	42.56	54.00	-11.44	Average
6	4258.900	51.13	-2.08	49.05	74.00	-24.95	Peak
7	4617.033	44.25	-1.40	42.85	54.00	-11.15	Average
8	4617.033	51.51	-1.40	50.11	74.00	-23.89	Peak
9	5677.267	56.54	1.22	57.76	68.20	-10.44	Peak
10	6033.133	48.81	2.49	51.30	68.20	-16.90	Peak
11	11360.000	36.44	10.08	46.52	54.00	-7.48	Average
12	11360.000	40.15	10.08	50.23	74.00	-23.77	Peak
13	17040.000	43.17	15.97	59.14	68.20	-9.06	Peak

802.11 n20 Mode, 5680 MHz

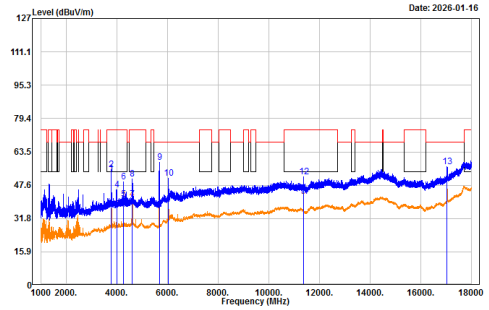
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	55.68	-2.40	53.28	54.00	-0.72	Average
2	3786.300	57.84	-2.40	55.44	74.00	-18.56	Peak
3	3997.100	38.13	-2.00	36.13	54.00	-17.87	Average
4	3997.100	47.63	-2.00	45.63	74.00	-28.37	Peak
5	4260.033	43.18	-2.07	41.11	54.00	-12.89	Average
6	4260.033	51.46	-2.07	49.39	74.00	-24.61	Peak
7	4614.767	42.57	-1.40	41.17	54.00	-12.83	Average
8	4614.767	52.06	-1.40	50.66	74.00	-23.34	Peak
9	5683.500	58.16	1.24	59.40	68.20	-8.80	Peak
10	6030.867	48.92	2.49	51.41	68.20	-16.79	Peak
11	11360.000	32.74	10.08	42.82	54.00	-11.18	Average
12	11360.000	41.79	10.08	51.87	74.00	-22.13	Peak
13	17040.000	41.60	15.97	57.57	68.20	-10.63	Peak

Vertical



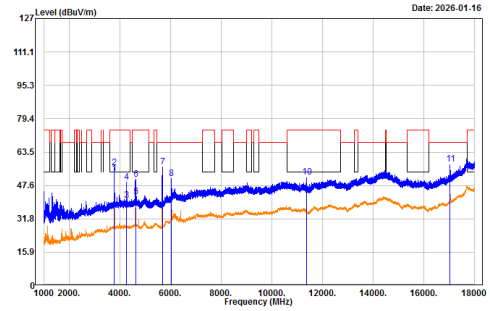
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	55.48	-2.40	53.08	54.00	-0.92	Average
2	3786.300	57.63	-2.40	55.23	74.00	-18.77	Peak
3	3994.267	38.06	-2.00	36.06	54.00	-17.94	Average
4	3994.267	47.46	-2.00	45.46	74.00	-28.54	Peak
5	4260.033	43.12	-2.07	41.05	54.00	-12.95	Average
6	4260.033	51.21	-2.07	49.14	74.00	-24.86	Peak
7	4614.767	42.49	-1.40	41.09	54.00	-12.91	Average
8	4614.767	51.84	-1.40	50.44	74.00	-23.56	Peak
9	5684.067	57.39	1.24	58.63	68.20	-9.57	Peak
10	6030.867	48.41	2.49	50.90	68.20	-17.30	Peak
11	11360.000	32.40	10.08	42.48	54.00	-11.52	Average
12	11360.000	41.50	10.08	51.58	74.00	-22.42	Peak
13	17040.000	40.37	15.97	56.34	68.20	-11.86	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5680 MHz

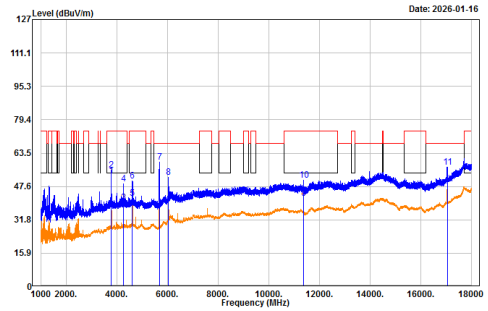
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	55.67	-2.40	53.27	54.00	-0.73	Average
2	3786.867	58.55	-2.40	56.15	74.00	-17.85	Peak
3	4258.333	42.78	-2.08	40.70	54.00	-13.30	Average
4	4258.333	51.27	-2.08	49.19	74.00	-24.81	Peak
5	4619.300	43.79	-1.38	42.41	54.00	-11.59	Average
6	4619.300	51.85	-1.38	50.47	74.00	-23.53	Peak
7	5683.500	55.18	1.24	56.42	68.20	-11.78	Peak
8	6033.700	48.29	2.49	50.78	68.20	-17.42	Peak
9	11360.000	33.07	10.08	43.15	54.00	-10.85	Average
10	11360.000	41.38	10.08	51.46	74.00	-22.54	Peak
11	17040.000	41.93	15.97	57.90	68.20	-10.30	Peak

Vertical

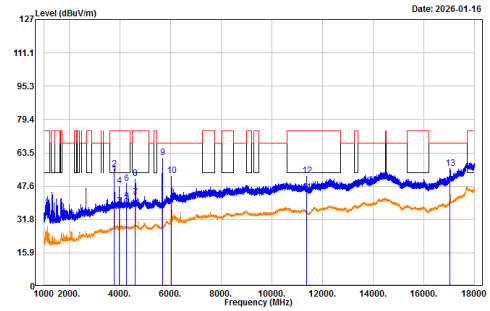


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	55.13	-2.40	52.73	54.00	-1.27	Average
2	3786.300	57.86	-2.40	55.46	74.00	-18.54	Peak
3	4260.600	41.91	-2.07	39.84	54.00	-14.16	Average
4	4260.600	50.87	-2.07	48.80	74.00	-25.20	Peak
5	4614.767	43.49	-1.40	42.09	54.00	-11.91	Average
6	4614.767	51.68	-1.40	50.28	74.00	-23.72	Peak
7	5684.067	58.02	1.24	59.26	68.20	-8.94	Peak
8	6033.700	49.44	2.49	51.93	68.20	-16.27	Peak
9	11360.000	31.95	10.08	42.03	54.00	-11.97	Average
10	11360.000	40.43	10.08	50.51	74.00	-23.49	Peak
11	17044.030	40.87	16.00	56.87	68.20	-11.33	Peak

802.11 ax20 Mode, 5680 MHz

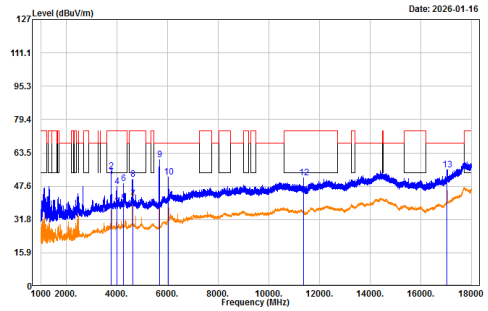
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	55.67	-2.40	53.27	54.00	-0.73	Average
2	3786.300	58.27	-2.40	55.87	74.00	-18.13	Peak
3	3986.333	40.07	-2.01	38.06	54.00	-15.94	Average
4	3986.333	49.80	-2.01	47.79	74.00	-26.21	Peak
5	4260.033	42.51	-2.07	40.44	54.00	-13.56	Average
6	4260.033	51.10	-2.07	49.03	74.00	-24.97	Peak
7	4611.933	43.65	-1.41	42.24	54.00	-11.76	Average
8	4611.933	52.63	-1.41	51.22	74.00	-22.78	Peak
9	5685.767	59.95	1.24	61.19	68.20	-7.01	Peak
10	6031.433	50.27	2.48	52.75	68.20	-15.45	Peak
11	11360.000	34.68	10.08	44.76	54.00	-9.24	Average
12	11360.000	42.41	10.08	52.49	74.00	-21.51	Peak
13	17040.000	40.06	15.97	56.03	68.20	-12.17	Peak

Vertical



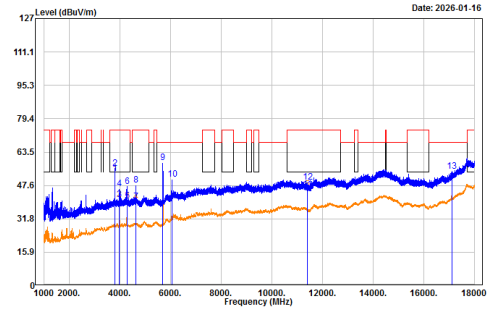
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5680
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	54.68	-2.40	52.28	54.00	-1.72	Average
2	3786.300	57.18	-2.40	54.78	74.00	-19.22	Peak
3	3989.733	40.03	-2.01	38.02	54.00	-15.98	Average
4	3989.733	49.46	-2.01	47.45	74.00	-26.55	Peak
5	4260.033	41.67	-2.07	39.60	54.00	-14.40	Average
6	4260.033	50.89	-2.07	48.82	74.00	-25.18	Peak
7	4619.867	42.89	-1.38	41.51	54.00	-12.49	Average
8	4619.867	52.28	-1.38	50.90	74.00	-23.10	Peak
9	5679.533	59.01	1.23	60.24	68.20	-7.96	Peak
10	6032.567	49.37	2.49	51.86	68.20	-16.34	Peak
11	11360.000	33.33	10.08	43.41	54.00	-10.59	Average
12	11360.000	41.57	10.08	51.65	74.00	-22.35	Peak
13	17040.000	39.39	15.97	55.36	68.20	-12.84	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11a Mode, 5700 MHz

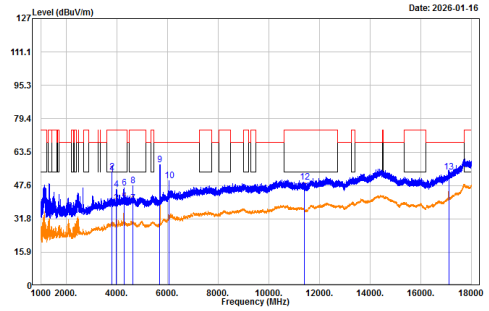
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.66	-2.33	53.33	54.00	-0.67	Average
2	3799.900	58.12	-2.33	55.79	74.00	-18.21	Peak
3	3982.367	42.97	-2.02	40.95	54.00	-13.05	Average
4	3982.367	48.25	-2.02	46.23	74.00	-27.77	Peak
5	4275.333	42.44	-2.09	40.35	54.00	-13.65	Average
6	4275.333	49.22	-2.09	47.13	74.00	-26.87	Peak
7	4629.500	41.09	-1.34	39.75	54.00	-14.25	Average
8	4629.500	49.19	-1.34	47.85	74.00	-26.15	Peak
9	5697.100	57.37	1.28	58.65	68.20	-9.55	Peak
10	6056.367	47.95	2.53	50.48	68.20	-17.72	Peak
11	11400.000	35.63	10.03	45.66	54.00	-8.34	Average
12	11400.000	39.36	10.03	49.39	74.00	-24.61	Peak
13	17100.000	38.09	16.43	54.52	68.20	-13.68	Peak

Vertical

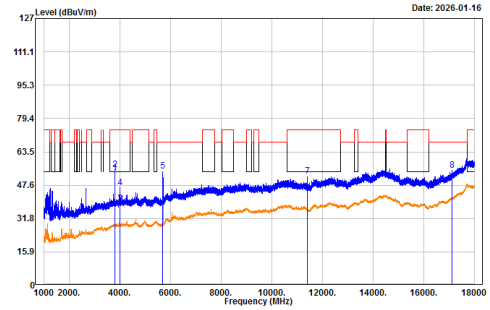


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : A-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.24	-2.33	52.91	54.00	-1.09	Average
2	3799.900	56.42	-2.33	54.09	74.00	-19.91	Peak
3	3986.900	41.33	-2.01	39.32	54.00	-14.68	Average
4	3986.900	47.95	-2.01	45.94	74.00	-28.06	Peak
5	4274.767	41.94	-2.09	39.85	54.00	-14.15	Average
6	4274.767	48.44	-2.09	46.35	74.00	-27.65	Peak
7	4634.600	40.58	-1.33	39.25	54.00	-14.75	Average
8	4634.600	48.87	-1.33	47.54	74.00	-26.46	Peak
9	5697.100	56.12	1.28	57.40	68.20	-10.80	Peak
10	6052.967	47.24	2.53	49.77	68.20	-18.43	Peak
11	11400.000	34.55	10.03	44.58	54.00	-9.42	Average
12	11400.000	39.30	10.03	49.33	74.00	-24.67	Peak
13	17100.000	37.56	16.43	53.99	68.20	-14.21	Peak

802.11 n20 Mode, 5700 MHz

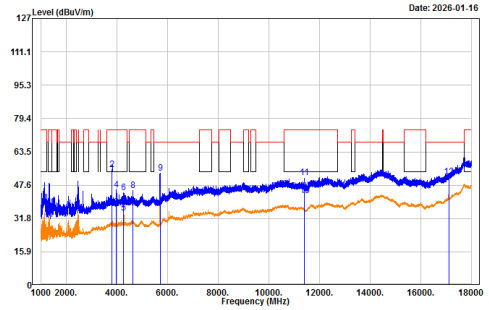
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	56.06	-2.33	53.73	54.00	-0.27	Average
2	3799.900	57.46	-2.33	55.13	74.00	-18.87	Peak
3	3994.833	40.75	-2.00	38.75	54.00	-15.25	Average
4	3994.833	48.49	-2.00	46.49	74.00	-27.51	Peak
5	5697.667	53.16	1.28	54.44	68.20	-13.76	Peak
6	11400.000	33.71	10.03	43.74	54.00	-10.26	Average
7	11400.000	42.08	10.03	52.11	74.00	-21.89	Peak
8	17100.000	38.17	16.43	54.60	68.20	-13.60	Peak

Vertical



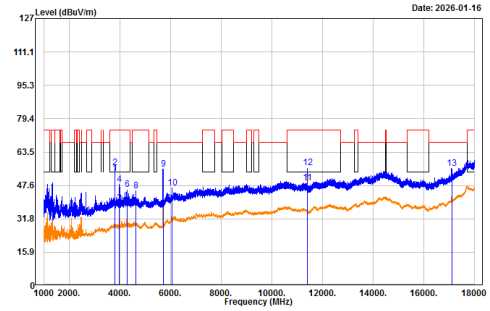
Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : N20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.49	-2.33	53.16	54.00	-0.84	Average
2	3799.900	57.40	-2.33	55.07	74.00	-18.93	Peak
3	3987.467	39.07	-2.01	37.06	54.00	-16.94	Average
4	3987.467	47.41	-2.01	45.40	74.00	-28.60	Peak
5	4262.867	36.36	-2.08	34.28	54.00	-19.72	Average
6	4262.867	46.06	-2.08	43.98	74.00	-30.02	Peak
7	4637.433	38.29	-1.32	36.97	54.00	-17.03	Average
8	4637.433	46.56	-1.32	45.24	74.00	-28.76	Peak
9	5703.900	52.21	1.29	53.50	68.20	-14.70	Peak
10	11400.000	32.79	10.03	42.82	54.00	-11.18	Average
11	11400.000	41.21	10.03	51.24	74.00	-22.76	Peak
12	17100.000	35.26	16.43	51.69	68.20	-16.51	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5700 MHz

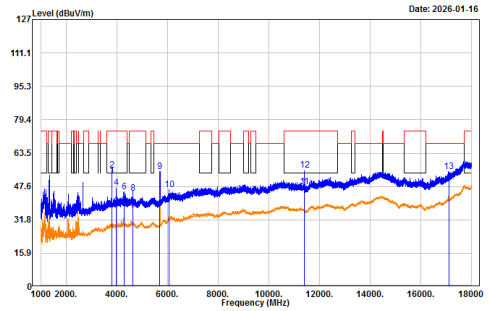
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.52	-2.33	53.19	54.00	-0.81	Average
2	3799.900	58.44	-2.33	56.11	74.00	-17.89	Peak
3	3985.200	41.39	-2.02	39.37	54.00	-14.63	Average
4	3985.200	50.33	-2.02	48.31	74.00	-25.69	Peak
5	4274.767	39.41	-2.09	37.32	54.00	-16.68	Average
6	4274.767	47.74	-2.09	45.65	74.00	-28.35	Peak
7	4630.067	38.36	-1.34	37.02	54.00	-16.98	Average
8	4630.067	46.37	-1.34	45.03	74.00	-28.97	Peak
9	5702.767	54.23	1.29	55.52	68.20	-12.68	Peak
10	6052.400	43.89	2.52	46.41	68.20	-21.79	Peak
11	11400.000	38.87	10.03	48.90	54.00	-5.10	Average
12	11400.000	46.16	10.03	56.19	74.00	-17.81	Peak
13	17100.000	39.16	16.43	55.59	68.20	-12.61	Peak

Vertical

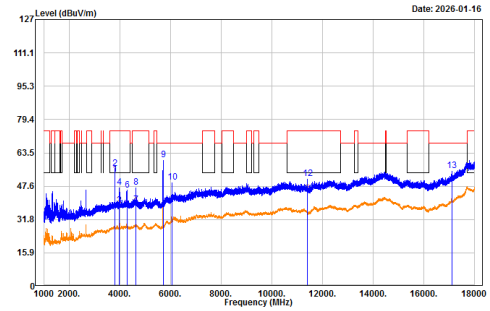


Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AC20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.13	-2.33	52.80	54.00	-1.20	Average
2	3799.900	57.91	-2.33	55.58	74.00	-18.42	Peak
3	3984.633	40.25	-2.02	38.23	54.00	-15.77	Average
4	3984.633	49.17	-2.02	47.15	74.00	-26.85	Peak
5	4275.900	39.11	-2.09	37.02	54.00	-16.98	Average
6	4275.900	47.19	-2.09	45.10	74.00	-28.90	Peak
7	4635.167	37.91	-1.32	36.59	54.00	-17.41	Average
8	4635.167	45.77	-1.32	44.45	74.00	-29.55	Peak
9	5697.667	53.46	1.28	54.74	68.20	-13.46	Peak
10	6050.133	43.74	2.52	46.26	68.20	-21.94	Peak
11	11400.000	37.55	10.03	47.58	54.00	-6.42	Average
12	11400.000	45.29	10.03	55.32	74.00	-18.68	Peak
13	17100.000	38.42	16.43	54.85	68.20	-13.35	Peak

802.11 ax20 Mode, 5700 MHz

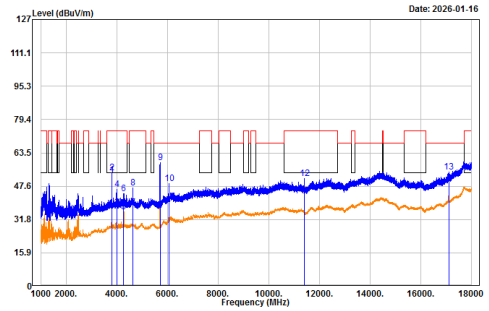
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.57	-2.33	53.24	54.00	-0.76	Average
2	3799.900	58.29	-2.33	55.96	74.00	-18.04	Peak
3	3982.933	40.58	-2.02	38.56	54.00	-15.44	Average
4	3982.933	49.08	-2.02	47.06	74.00	-26.94	Peak
5	4274.767	38.61	-2.09	36.52	54.00	-17.48	Average
6	4274.767	48.03	-2.09	45.94	74.00	-28.06	Peak
7	4628.367	40.12	-1.34	38.78	54.00	-15.22	Average
8	4628.367	48.48	-1.34	47.14	74.00	-26.86	Peak
9	5703.900	59.08	1.29	60.37	68.20	-7.83	Peak
10	6054.100	46.90	2.53	49.43	68.20	-18.77	Peak
11	11400.000	33.85	10.03	43.88	54.00	-10.12	Average
12	11400.000	41.38	10.03	51.41	74.00	-22.59	Peak
13	17100.000	38.63	16.43	55.06	68.20	-13.14	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 52%
Memo : AX20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

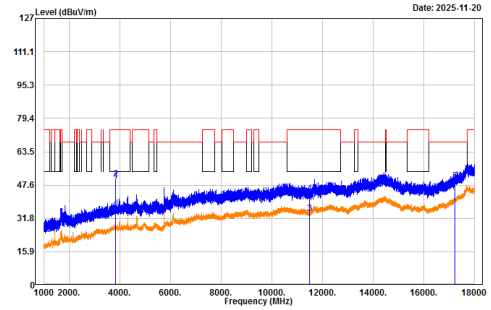
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	55.28	-2.33	52.95	54.00	-1.05	Average
2	3799.900	56.51	-2.33	54.18	74.00	-19.82	Peak
3	3997.100	39.45	-2.00	37.45	54.00	-16.55	Average
4	3997.100	48.22	-2.00	46.22	74.00	-27.78	Peak
5	4271.933	37.39	-2.08	35.31	54.00	-18.69	Average
6	4271.933	46.23	-2.08	44.15	74.00	-29.85	Peak
7	4630.633	38.97	-1.34	37.63	54.00	-16.37	Average
8	4630.633	48.08	-1.34	46.74	74.00	-27.26	Peak
9	5705.033	57.73	1.30	59.03	68.20	-9.17	Peak
10	6050.700	46.20	2.52	48.72	68.20	-19.48	Peak
11	11400.000	33.05	10.03	43.08	54.00	-10.92	Average
12	11400.000	41.25	10.03	51.28	74.00	-22.72	Peak
13	17100.000	37.81	16.43	54.24	68.20	-13.96	Peak

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UNII-3 Band IV 5725-5850 MHz

802.11a Mode, 5745 MHz

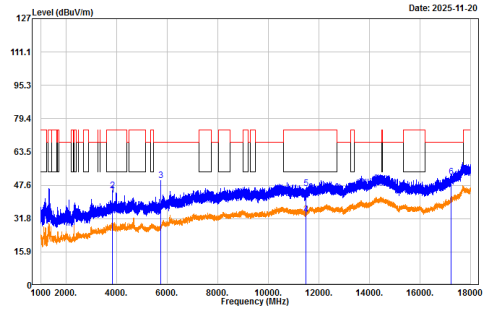
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	51.66	-2.24	49.42	54.00	-4.58	Average
2	3829.933	52.84	-2.24	50.60	74.00	-23.40	Peak
3	11490.000	24.26	9.82	34.08	54.00	-19.92	Average
4	11490.000	33.78	9.82	43.60	74.00	-30.40	Peak
5	17235.000	32.28	17.36	49.64	68.20	-18.56	Peak

Vertical

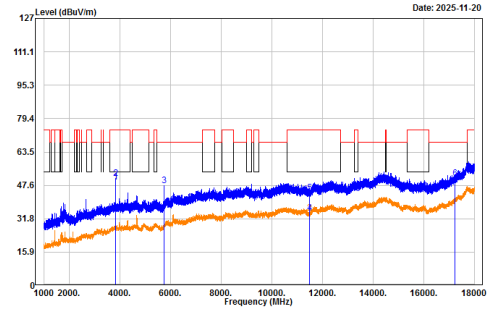


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	45.14	-2.24	42.90	54.00	-11.10	Average
2	3829.933	47.42	-2.24	45.18	74.00	-28.82	Peak
3	5746.967	48.60	1.42	50.02	68.20	-18.18	Peak
4	11490.000	23.90	9.82	33.72	54.00	-20.28	Average
5	11490.000	36.18	9.82	46.00	74.00	-28.00	Peak
6	17235.000	34.33	17.36	51.69	68.20	-16.51	Peak

802.11 n20 Mode, 5745 MHz

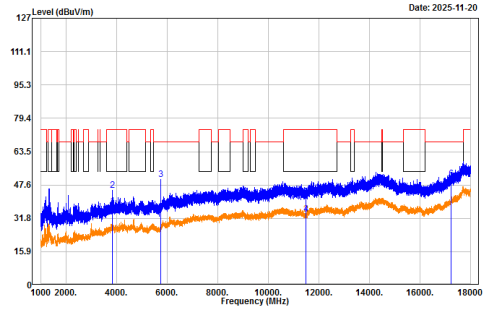
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	51.53	-2.24	49.29	54.00	-4.71	Average
2	3829.933	53.19	-2.24	50.95	74.00	-23.05	Peak
3	5748.667	46.00	1.42	47.42	68.20	-20.78	Peak
4	11490.000	24.61	9.82	34.43	54.00	-19.57	Average
5	11490.000	34.11	9.82	43.93	74.00	-30.07	Peak
6	17235.000	33.46	17.36	50.82	68.20	-17.38	Peak

Vertical



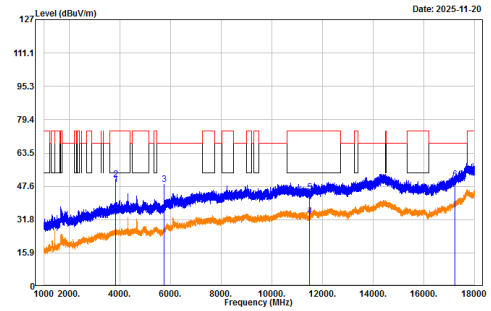
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.367	39.83	-2.24	37.59	54.00	-16.41	Average
2	3829.933	47.32	-2.24	45.08	74.00	-28.92	Peak
3	5743.567	48.87	1.40	50.27	68.20	-17.93	Peak
4	11490.000	23.76	9.82	33.58	54.00	-20.42	Average
5	11490.000	32.12	9.82	41.94	74.00	-32.06	Peak
6	17235.000	33.24	17.36	50.60	68.20	-17.60	Peak

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802.11 ac20 Mode, 5745 MHz

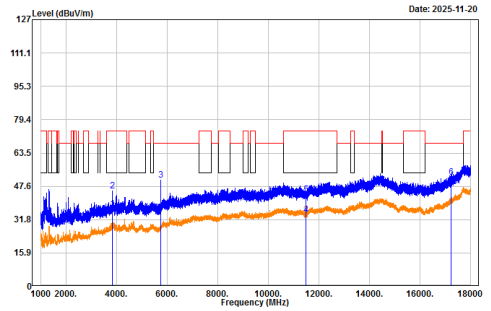
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	50.62	-2.24	48.38	54.00	-5.62	Average
2	3829.933	53.06	-2.24	50.82	74.00	-23.18	Peak
3	5749.800	47.01	1.42	48.43	68.20	-19.77	Peak
4	11490.000	23.49	9.82	33.31	54.00	-20.69	Average
5	11490.000	35.09	9.82	44.91	74.00	-29.09	Peak
6	17235.000	33.60	17.36	50.96	68.20	-17.24	Peak

Vertical

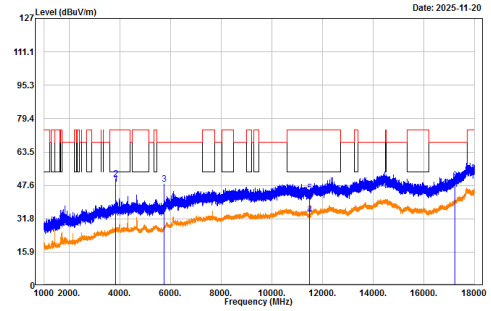


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	39.11	-2.24	36.87	54.00	-17.13	Average
2	3829.933	47.82	-2.24	45.58	74.00	-28.42	Peak
3	5742.433	49.18	1.40	50.58	68.20	-17.62	Peak
4	11490.000	24.09	9.82	33.91	54.00	-20.09	Average
5	11490.000	33.93	9.82	43.75	74.00	-30.25	Peak
6	17235.000	34.66	17.36	52.02	68.20	-16.18	Peak

802.11 ax20 Mode, 5745 MHz

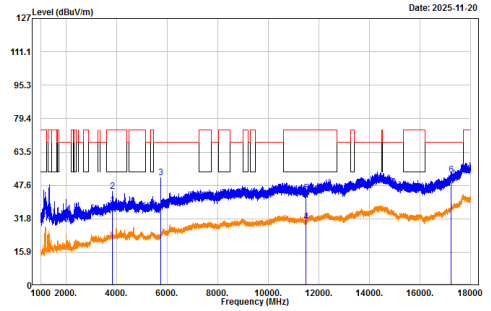
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	50.37	-2.24	48.13	54.00	-5.87	Average
2	3829.933	52.81	-2.24	50.57	74.00	-23.43	Peak
3	5749.800	46.71	1.42	48.13	68.20	-20.07	Peak
4	11490.000	24.01	9.82	33.83	54.00	-20.17	Average
5	11490.000	34.33	9.82	44.15	74.00	-29.85	Peak
6	17235.000	32.40	17.36	49.76	68.20	-18.44	Peak

Vertical



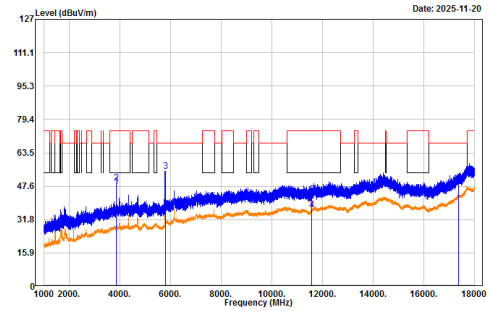
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5745
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	40.48	-2.24	38.24	54.00	-15.76	Average
2	3829.933	47.03	-2.24	44.79	74.00	-29.21	Peak
3	5744.133	49.79	1.41	51.20	68.20	-17.00	Peak
4	11490.000	20.35	9.82	30.17	54.00	-23.83	Average
5	11490.000	34.40	9.82	44.22	74.00	-29.78	Peak
6	17235.000	35.16	17.36	52.52	68.20	-15.68	Peak

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802.11a Mode, 5785 MHz

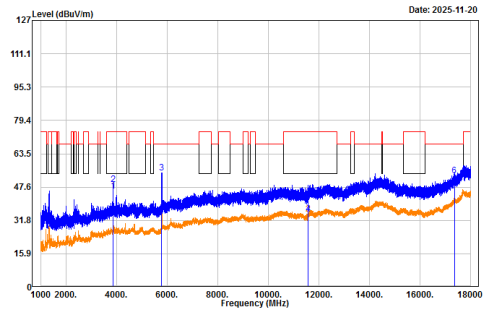
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	49.93	-2.13	47.80	54.00	-6.20	Average
2	3856.567	51.26	-2.13	49.13	74.00	-24.87	Peak
3	5788.333	53.27	1.54	54.81	68.20	-13.39	Peak
4	11570.000	26.33	10.24	36.57	54.00	-17.43	Average
5	11570.000	33.43	10.24	43.67	74.00	-30.33	Peak
6	17355.000	30.37	18.28	48.65	68.20	-19.55	Peak

Vertical

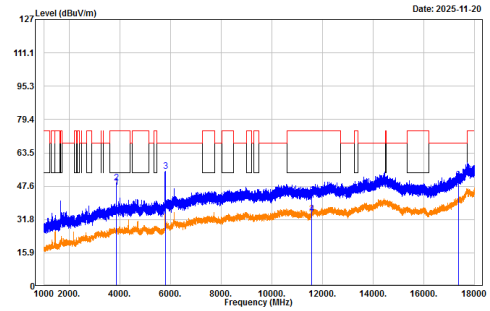


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	47.89	-2.13	45.76	54.00	-8.24	Average
2	3856.567	51.09	-2.13	48.96	74.00	-25.04	Peak
3	5783.233	53.02	1.52	54.54	68.20	-13.66	Peak
4	11570.000	24.63	10.24	34.87	54.00	-19.13	Average
5	11570.000	32.31	10.24	42.55	74.00	-31.45	Peak
6	17355.000	34.71	18.28	52.99	68.20	-15.21	Peak

802.11 n20 Mode, 5785 MHz

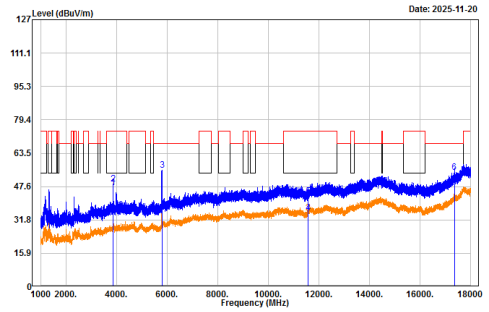
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	49.27	-2.13	47.14	54.00	-6.86	Average
2	3856.567	51.50	-2.13	49.37	74.00	-24.63	Peak
3	5788.333	53.22	1.54	54.76	68.20	-13.44	Peak
4	11570.000	24.31	10.24	34.55	54.00	-19.45	Average
5	11570.000	32.74	10.24	42.98	74.00	-31.02	Peak
6	17355.000	32.34	18.28	50.62	68.20	-17.58	Peak

Vertical



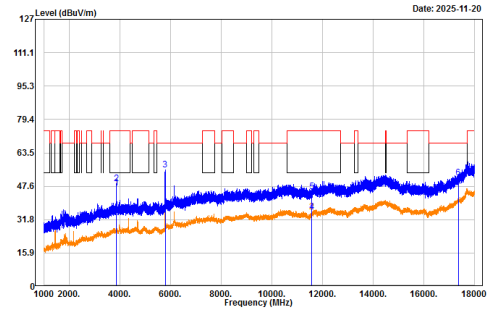
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	49.25	-2.13	47.12	54.00	-6.88	Average
2	3856.567	50.89	-2.13	48.76	74.00	-25.24	Peak
3	5788.333	53.75	1.54	55.29	68.20	-12.91	Peak
4	11570.000	24.96	10.24	35.20	54.00	-18.80	Average
5	11570.000	32.87	10.24	43.11	74.00	-30.89	Peak
6	17355.000	35.98	18.28	54.26	68.20	-13.94	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5785 MHz

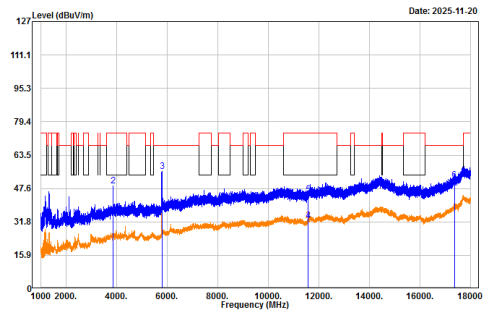
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	48.80	-2.13	46.67	54.00	-7.33	Average
2	3856.567	51.02	-2.13	48.89	74.00	-25.11	Peak
3	5787.767	54.03	1.54	55.57	68.20	-12.63	Peak
4	11570.000	25.21	10.24	35.45	54.00	-18.55	Average
5	11570.000	34.69	10.24	44.93	74.00	-29.07	Peak
6	17355.000	33.41	18.28	51.69	68.20	-16.51	Peak

Vertical

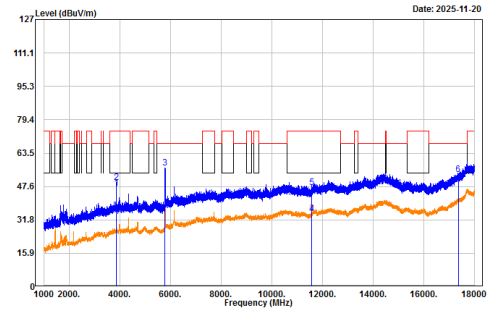


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.000	37.33	-2.15	35.18	54.00	-18.82	Average
2	3856.000	51.02	-2.15	48.87	74.00	-25.13	Peak
3	5788.333	54.38	1.54	55.92	68.20	-12.28	Peak
4	11570.000	22.18	10.24	32.42	54.00	-21.58	Average
5	11570.000	34.51	10.24	44.75	74.00	-29.25	Peak
6	17355.000	33.34	18.28	51.62	68.20	-16.58	Peak

802.11 ax20 Mode, 5785 MHz

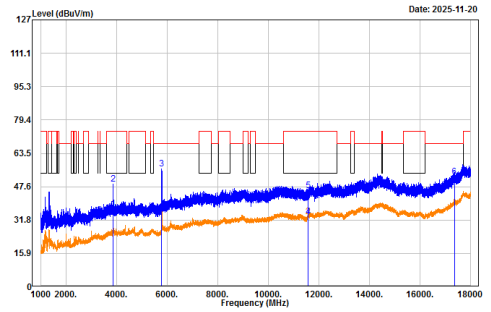
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	48.88	-2.13	46.75	54.00	-7.25	Average
2	3856.567	51.74	-2.13	49.61	74.00	-24.39	Peak
3	5784.367	55.05	1.52	56.57	68.20	-11.63	Peak
4	11570.000	24.53	10.24	34.77	54.00	-19.23	Average
5	11570.000	36.76	10.24	47.00	74.00	-27.00	Peak
6	17355.000	35.11	18.28	53.39	68.20	-14.81	Peak

Vertical



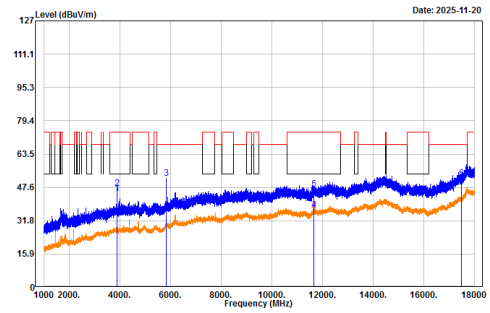
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	39.24	-2.13	37.11	54.00	-16.89	Average
2	3856.567	51.02	-2.13	48.89	74.00	-25.11	Peak
3	5785.500	54.57	1.52	56.09	68.20	-12.11	Peak
4	11570.000	23.22	10.24	33.46	54.00	-20.54	Average
5	11570.000	35.43	10.24	45.67	74.00	-28.33	Peak
6	17355.000	33.91	18.28	52.19	68.20	-16.01	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11a Mode, 5825 MHz

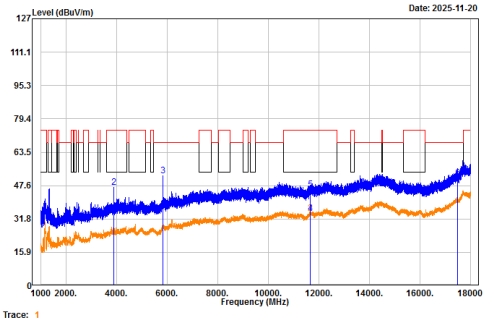
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	46.73	-2.00	44.73	54.00	-9.27	Average
2	3883.200	49.23	-2.00	47.23	74.00	-26.77	Peak
3	5819.500	50.55	1.58	52.13	68.20	-16.07	Peak
4	11650.000	25.99	10.74	36.73	54.00	-17.27	Average
5	11650.000	35.92	10.74	46.66	74.00	-27.34	Peak
6	17475.000	32.75	19.28	52.03	68.20	-16.17	Peak

Vertical

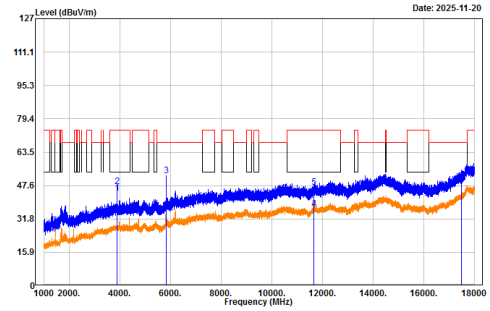


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	36.17	-2.00	34.17	54.00	-19.83	Average
2	3883.200	48.70	-2.00	46.70	74.00	-27.30	Peak
3	5822.900	50.64	1.58	52.22	68.20	-15.98	Peak
4	11650.000	23.69	10.74	34.43	54.00	-19.57	Average
5	11650.000	35.18	10.74	45.92	74.00	-28.08	Peak
6	17475.000	32.05	19.28	51.33	68.20	-16.87	Peak

802.11 n20 Mode, 5825 MHz

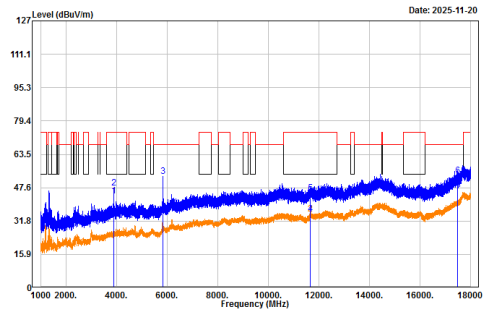
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	46.11	-2.00	44.11	54.00	-9.89	Average
2	3883.200	49.03	-2.00	47.03	74.00	-26.97	Peak
3	5820.633	50.72	1.58	52.30	68.20	-15.90	Peak
4	11650.000	25.61	10.74	36.35	54.00	-17.65	Average
5	11650.000	36.00	10.74	46.74	74.00	-27.26	Peak
6	17475.000	30.54	19.28	49.82	68.20	-18.38	Peak

Vertical



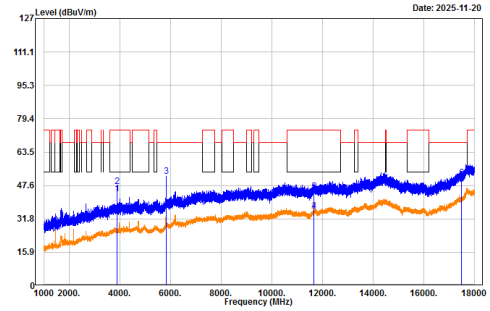
Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	45.66	-2.00	43.66	54.00	-10.34	Average
2	3883.200	49.55	-2.00	47.55	74.00	-26.45	Peak
3	5824.033	51.50	1.58	53.08	68.20	-15.12	Peak
4	11650.000	24.34	10.74	35.08	54.00	-18.92	Average
5	11650.000	34.52	10.74	45.26	74.00	-28.74	Peak
6	17475.000	34.17	19.28	53.45	68.20	-14.75	Peak

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

802.11 ac20 Mode, 5825 MHz

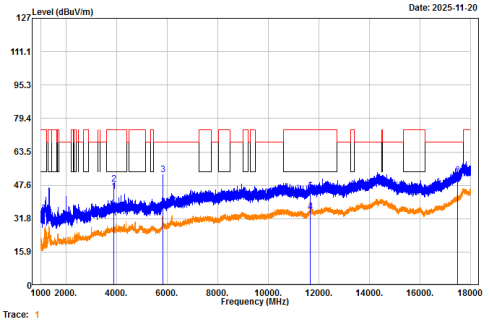
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	45.60	-2.00	43.60	54.00	-10.40	Average
2	3883.200	49.21	-2.00	47.21	74.00	-26.79	Peak
3	5818.933	50.42	1.58	52.00	68.20	-16.20	Peak
4	11650.000	24.74	10.74	35.48	54.00	-18.52	Average
5	11650.000	34.17	10.74	44.91	74.00	-29.09	Peak
6	17475.000	31.94	19.28	51.22	68.20	-16.98	Peak

Vertical

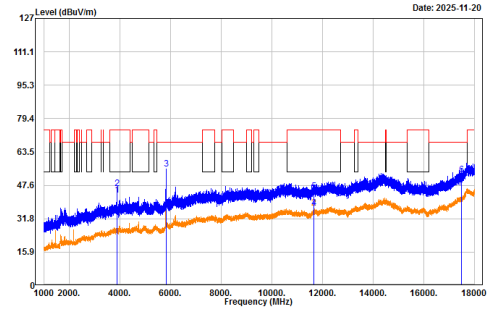


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	46.79	-2.00	44.79	54.00	-9.21	Average
2	3883.200	50.06	-2.00	48.06	74.00	-25.94	Peak
3	5823.467	51.21	1.58	52.79	68.20	-15.41	Peak
4	11650.000	24.48	10.74	35.22	54.00	-18.78	Average
5	11650.000	33.93	10.74	44.67	74.00	-29.33	Peak
6	17475.000	33.09	19.28	52.37	68.20	-15.83	Peak

802.11 ax20 Mode, 5825 MHz

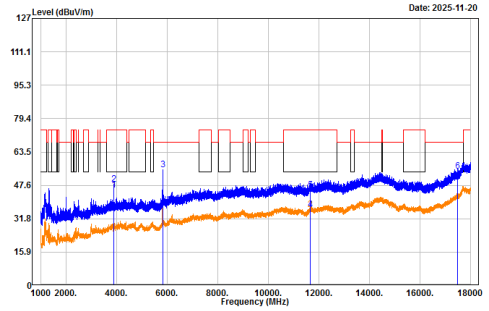
Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	45.02	-2.00	43.02	54.00	-10.98	Average
2	3883.200	48.27	-2.00	46.27	74.00	-27.73	Peak
3	5819.500	53.69	1.58	55.27	68.20	-12.93	Peak
4	11650.000	26.06	10.74	36.80	54.00	-17.20	Average
5	11650.000	33.89	10.74	44.63	74.00	-29.37	Peak
6	17475.000	33.49	19.28	52.77	68.20	-15.43	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AX20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	47.34	-2.00	45.34	54.00	-8.66	Average
2	3883.200	50.15	-2.00	48.15	74.00	-25.85	Peak
3	5828.000	53.42	1.58	55.00	68.20	-13.20	Peak
4	11650.000	25.24	10.74	35.98	54.00	-18.02	Average
5	11650.000	34.82	10.74	45.56	74.00	-28.44	Peak
6	17475.000	35.16	19.28	54.44	68.20	-13.76	Peak

Level = Reading + Factor.

Over Limit = Level – Limit.

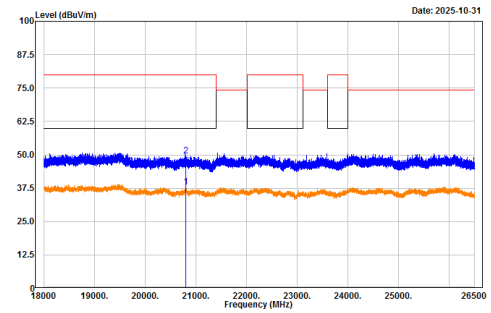
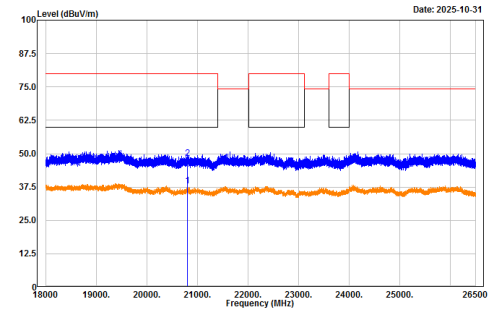
Factor = Antenna Factor + Cable Loss – Amplifier Gain.

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18GHz-26.5GHz:

UNII-1 Band I 5150~5250 MHz

(Worst case is 802.11 n20 Mode)

5200 MHz	
Horizontal	**Vertical**
	

Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/5K

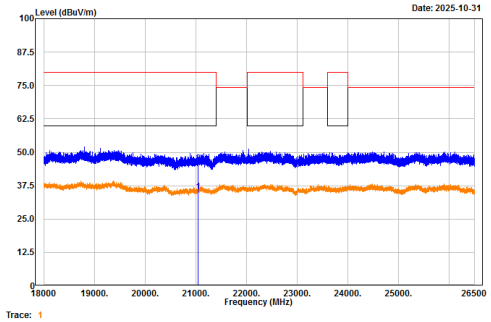
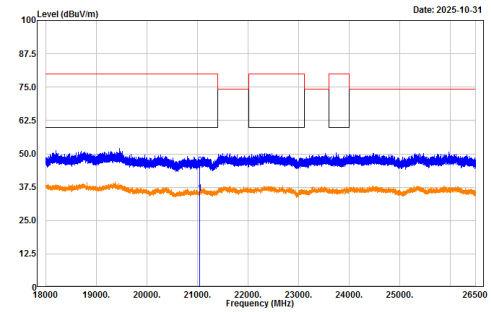
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	20800.000	37.83	0.03	37.86	60.00	-22.14	Average
2	20800.000	49.63	0.03	49.66	80.00	-30.34	Peak

Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	20800.000	37.96	0.03	37.99	60.00	-22.01	Average
2	20800.000	48.20	0.03	48.23	80.00	-31.77	Peak

UNII-2A Band II 5250~5350 MHz

(Worst case is 802.11 ax20 Mode)

5260 MHz	
Horizontal	**Vertical**
	

Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : AX20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	21040.000	35.05	0.17	35.22	60.00	-24.78	Average
2	21040.000	45.73	0.17	45.90	80.00	-34.10	Peak

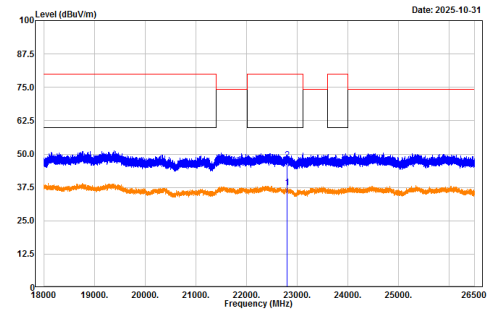
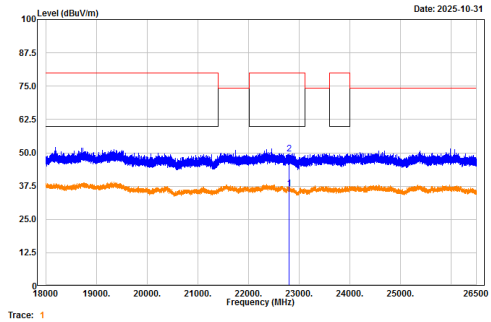
Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : AX20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	21040.000	35.14	0.17	35.31	60.00	-24.69	Average
2	21040.000	45.28	0.17	45.45	80.00	-34.55	Peak

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UNII-2C Band III 5470~5725 MHz

(Worst case is 802.11 n20 Mode)

5500 MHz	
Horizontal	**Vertical**
	

Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

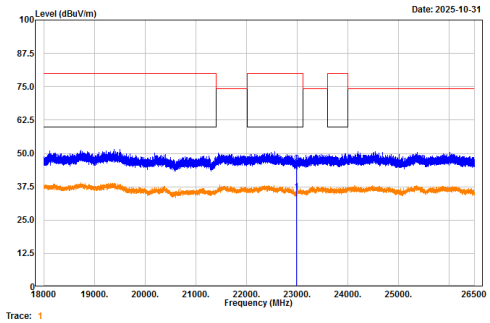
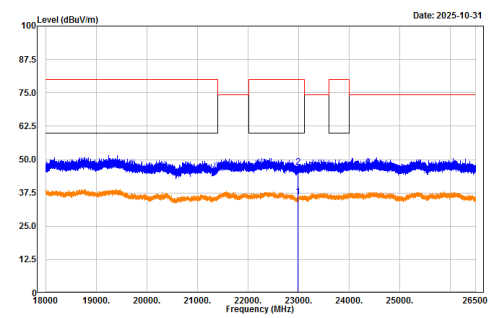
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22800.000	36.16	1.28	37.44	60.00	-22.56	Average
2	22800.000	46.44	1.28	47.72	80.00	-32.28	Peak

Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22800.000	35.28	1.28	36.56	60.00	-23.44	Average
2	22800.000	48.30	1.28	49.58	80.00	-30.42	Peak

UNII-3 Band IV 5725~5825 MHz

(Worst case is 802.11 n20 Mode)

5785 MHz	
Horizontal	**Vertical**
	

Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22980.000	34.32	1.21	35.53	60.00	-24.47	Average
2	22980.000	44.87	1.21	46.08	80.00	-33.92	Peak

Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22980.000	34.75	1.21	35.96	60.00	-24.04	Average
2	22980.000	45.94	1.21	47.15	80.00	-32.85	Peak

Level = Reading + Factor.

Over Limit = Level – Limit.

Factor = Antenna Factor + Cable Loss – Amplifier Gain.

For 18-26.5GHz Convert the test distance limit of 3 meters to a limit of 1.5 meter:

Conversion factor = 20 log (1.5m/3m) = 6 dB,

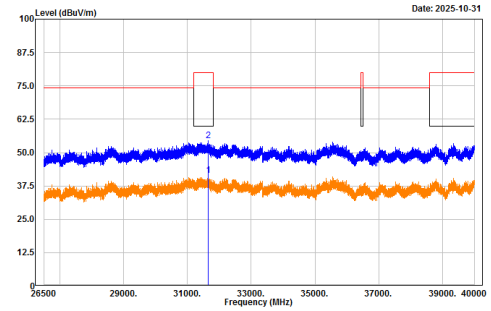
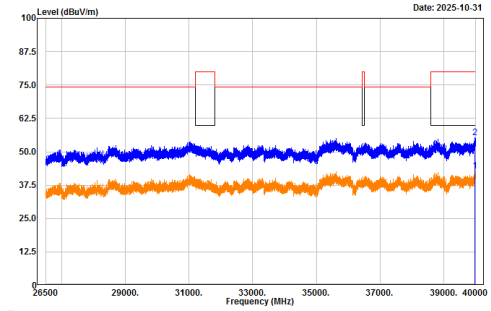
Average Limit = 54+6 = 60 dBuV/m@1.5m , Peak Limit = 60+20 = 80 dBuV/m@1.5m

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26.5GHz-40GHz:

UNII-1 Band I 5150~5250 MHz

(Worst case is 802.11 n20 Mode)

5200 MHz	
Horizontal	**Vertical**
	

Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/5K

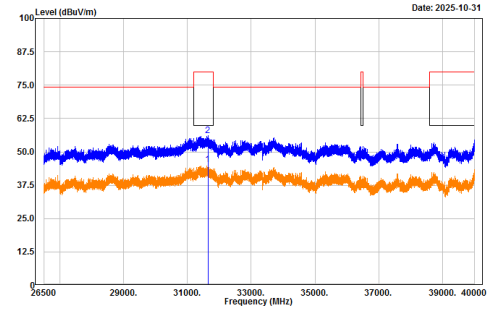
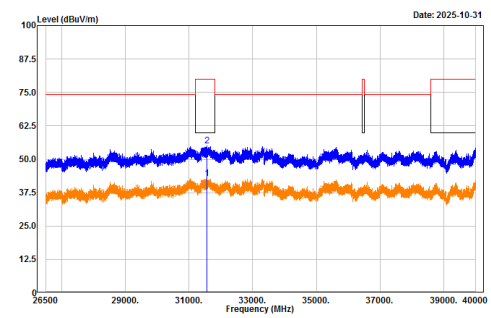
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31641.250	32.38	9.15	41.53	60.00	-18.47	Average
2	31641.250	45.38	9.15	54.53	80.00	-25.47	Peak

Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5200
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39970.750	32.59	10.33	42.92	60.00	-17.08	Average
2	39970.750	44.99	10.33	55.32	80.00	-24.68	Peak

UNII-2A Band II 5250~5350 MHz

(Worst case is 802.11 ax20 Mode)

5260 MHz	
Horizontal	**Vertical**
	

Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : AX20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31640.350	35.98	9.15	45.13	60.00	-14.87	Average
2	31640.350	46.98	9.15	56.13	80.00	-23.87	Peak

Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : AX20-TX-5260
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31555.750	33.60	9.32	42.92	60.00	-17.08	Average
2	31555.750	45.60	9.32	54.92	80.00	-25.08	Peak

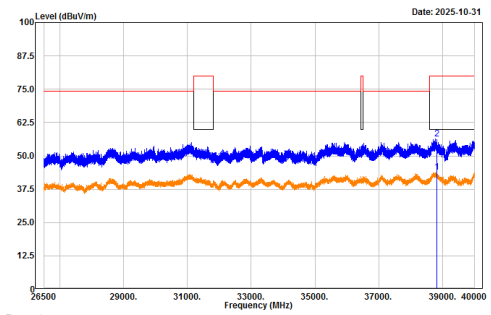
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2C Band III 5470~5725 MHz

(Worst case is 802.11 n20 Mode)

5500 MHz

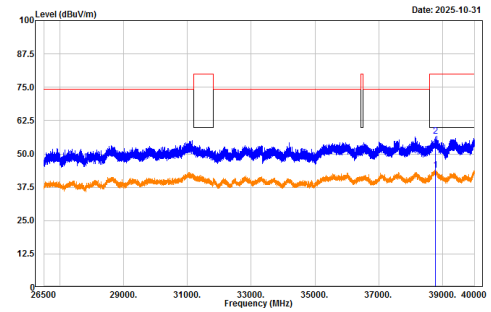
Horizontal



Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38817.400	33.89	10.03	43.92	60.00	-16.08	Average
2	38817.400	46.24	10.03	56.27	80.00	-23.73	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5500
RBW/VBW : PK: 1M/3M; AV: 1M/5K

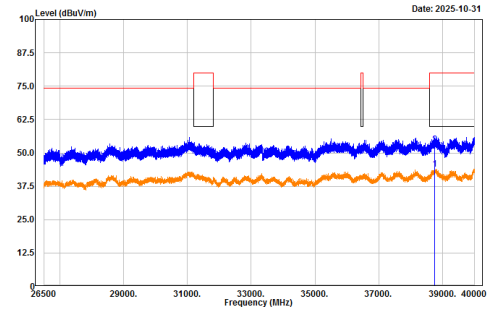
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38771.050	33.92	10.01	43.93	60.00	-16.07	Average
2	38771.050	46.54	10.01	56.55	80.00	-23.45	Peak

UNII-3 Band IV 5725~5825 MHz

(Worst case is 802.11 n20 Mode)

5785 MHz

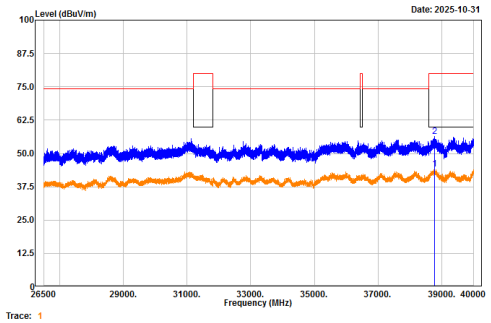
Horizontal



Trace: 1
Site : LK-966A
Condition: 1.5m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38761.150	34.03	10.00	44.03	60.00	-15.97	Average
2	38761.150	43.19	10.00	53.19	80.00	-26.81	Peak

Vertical



Trace: 1
Site : LK-966A
Condition: 1.5m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 48%
Memo : N20-TX-5785
RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38776.450	34.06	10.02	44.08	60.00	-15.92	Average
2	38776.450	46.42	10.02	56.44	80.00	-23.56	Peak

Level = Reading + Factor.
Over Limit = Level – Limit.
Factor = Antenna Factor + Cable Loss – Amplifier Gain.
For 26.5-40GHz Convert the test distance limit of 3 meters to a limit of 1.5 meter:
Conversion factor = 20 log (1.5m/3m) = 6 dB,
Average Limit = 54+6 = 60 dBuV/m@1.5m , Peak Limit = 60+20 = 80 dBuV/m@1.5m

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8 RSS-247 §7.3.1.3 – 26dB Attenuated Below The Channel Power

8.1 Applicable Standard

RSS-247 Clause 7.3.1.3

For transmitters with operating frequencies in the band 5150-5250 MHz:

a. all emissions outside the 5150-5350 MHz band shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density;

b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.

c. if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

8.2 Test Procedure

1. Set RBW = 1%~5% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = RMS.
4. Trace mode = max hold
5. Measure the emission attenuated below the channel power

8.3 Test Results

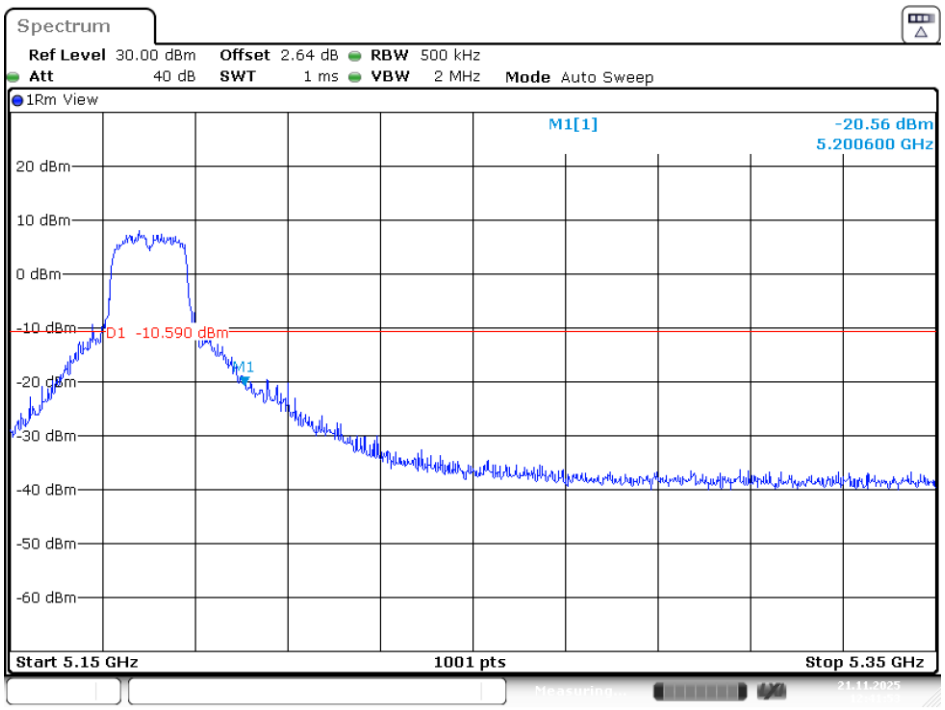
The requirement is for 5150-5250 MHz band. The channel power please refer to the power test result in section 10.3.

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Transmitting Mode:

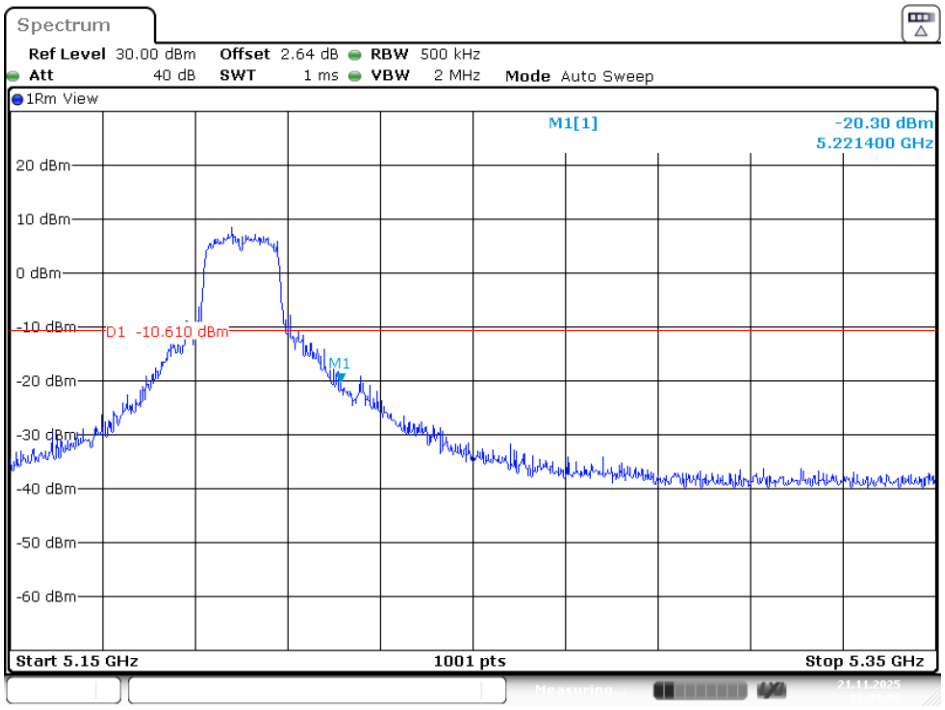
IEEE 802.11a Mode / 5150 ~ 5250MHz

5180MHz



Date: 21.NOV.2025 12:41:54

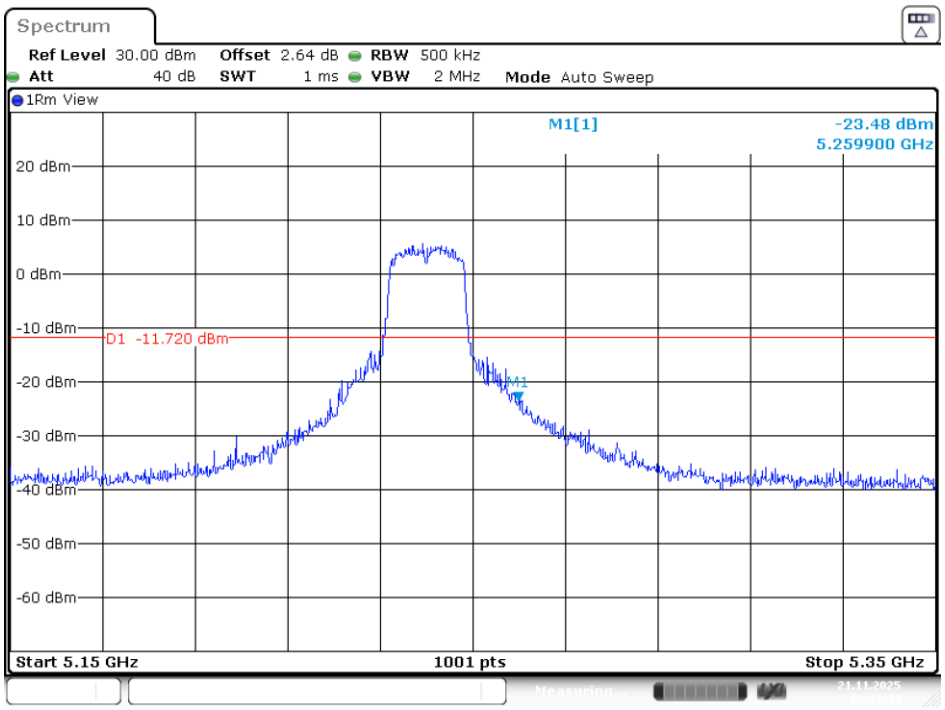
5200MHz



Date: 21.NOV.2025 12:39:08

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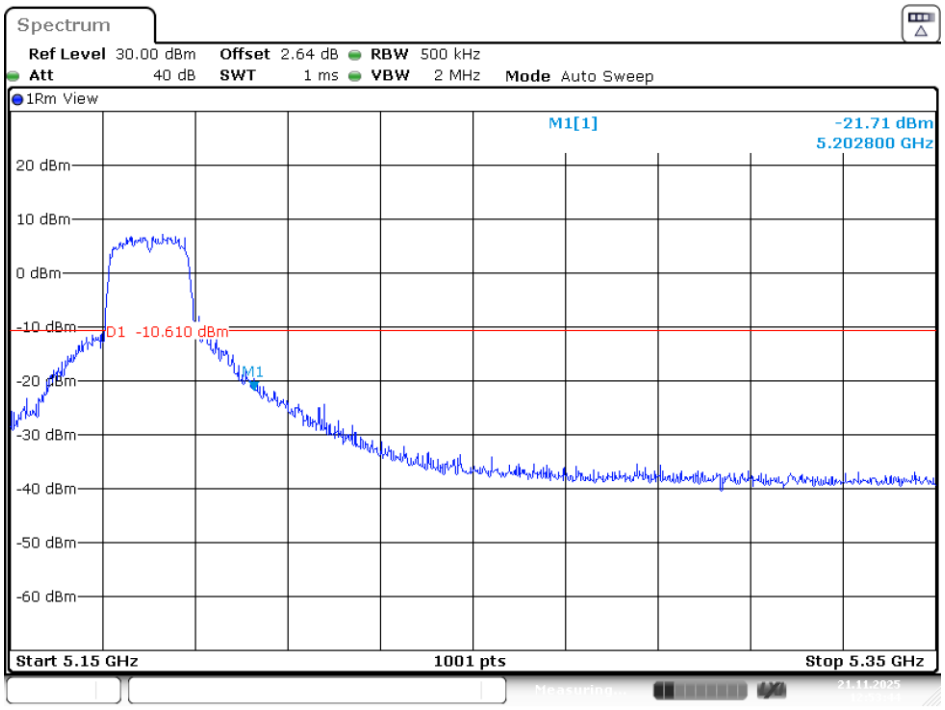
5240MHz



Date: 21.NOV.2025 12:49:44

IEEE 802.11n HT20 Mode / 5150 ~ 5250MHz

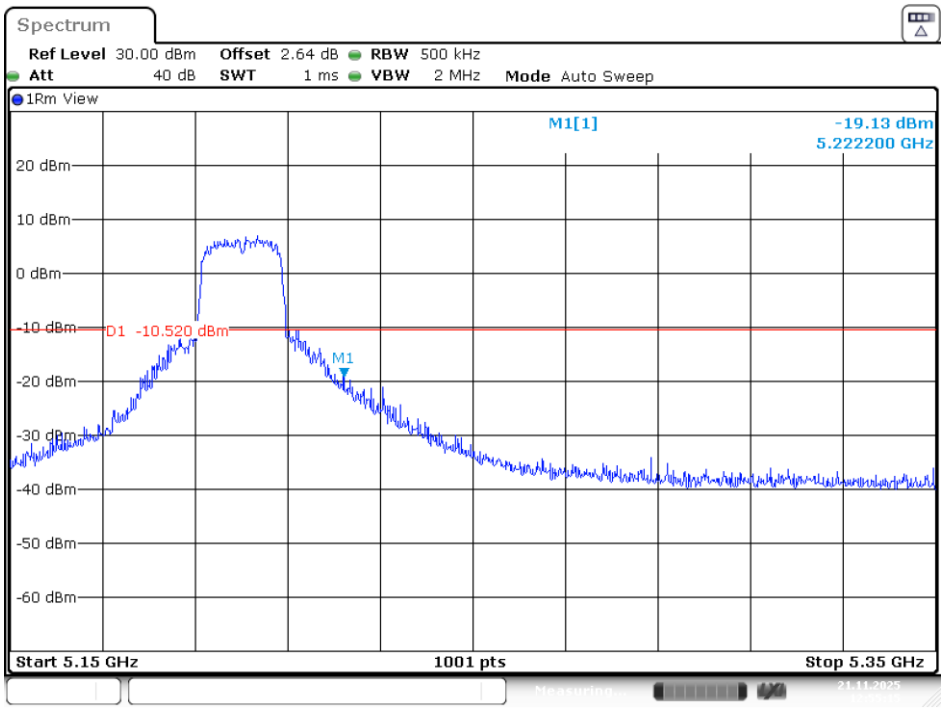
5180MHz



Date: 21.NOV.2025 12:53:45

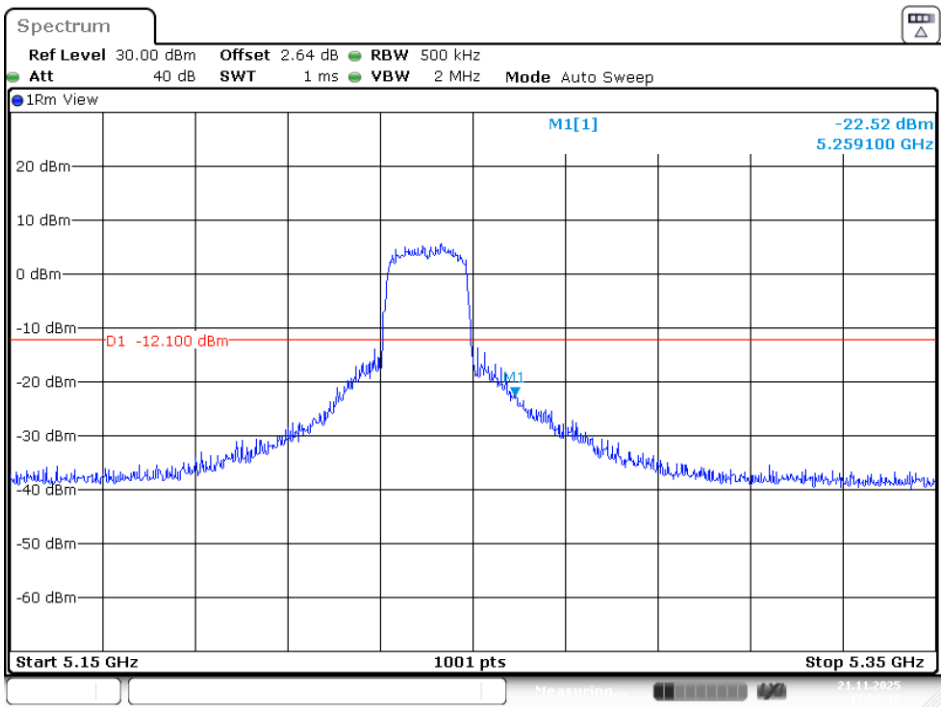
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5200MHz



Date: 21.NOV.2025 12:55:16

5240MHz

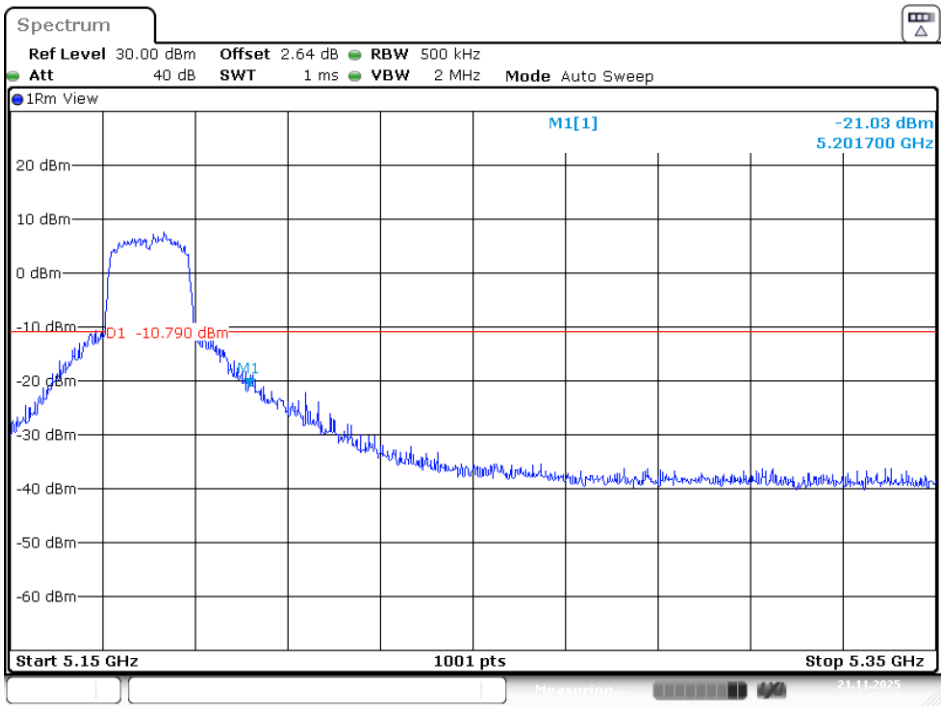


Date: 21.NOV.2025 12:56:12

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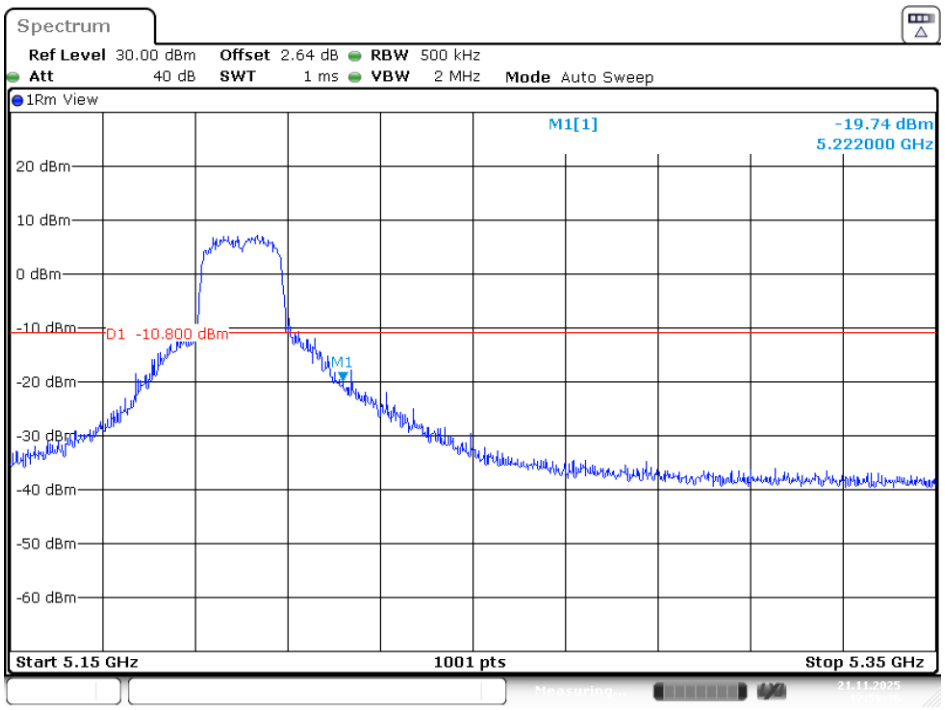
IEEE 802.11ac VHT20 Mode / 5150 ~ 5250MHz

5180MHz



Date: 21.NOV.2025 12:57:42

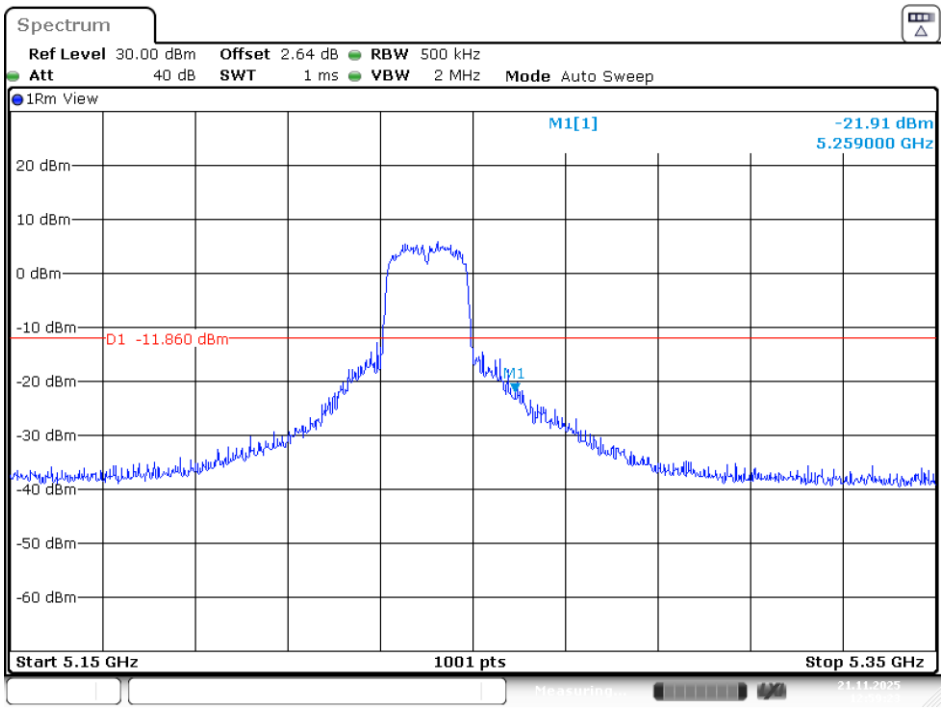
5200MHz



Date: 21.NOV.2025 12:58:36

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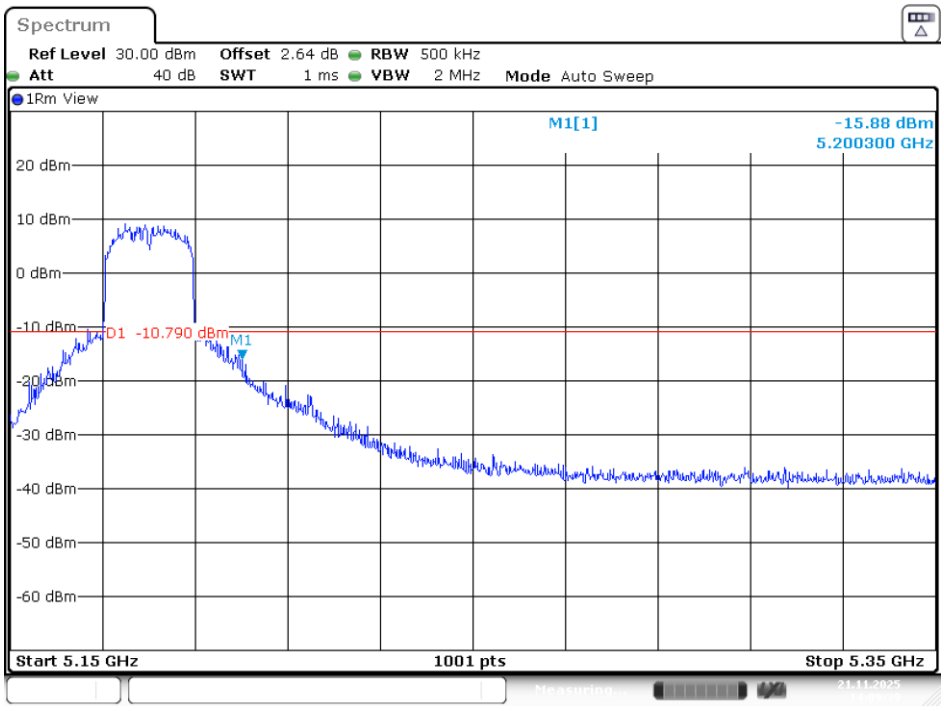
5240MHz



Date: 21.NOV.2025 12:59:24

IEEE 802.11ax HE20 Mode / 5150 ~ 5250MHz

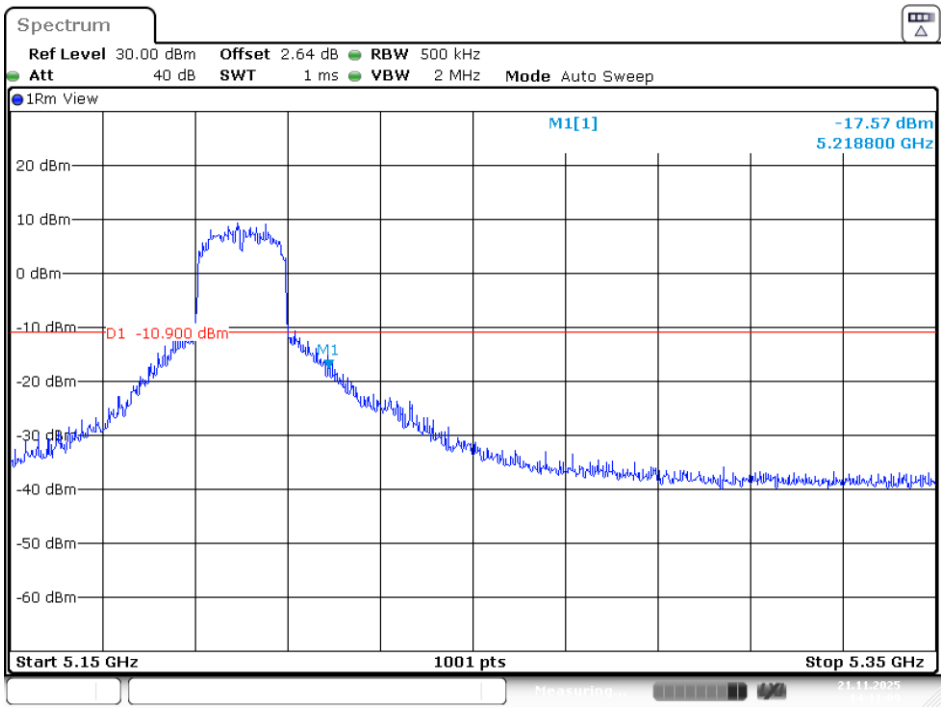
5180MHz



Date: 21.NOV.2025 14:09:40

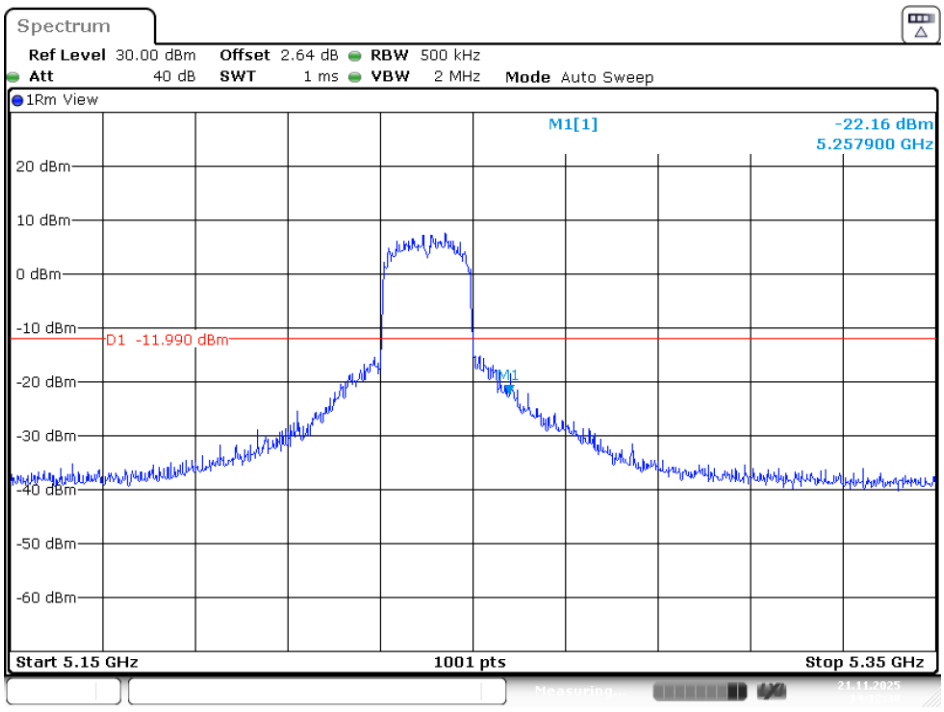
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5200MHz



Date: 21.NOV.2025 14:11:10

5240MHz



Date: 21.NOV.2025 14:12:39

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9 RSS-247 §7.3, RSS-GEN §6.7 – Emission Bandwidth And Occupied Bandwidth

9.1 Applicable Standard

RSS-247 Clause 7.3.1.3

For transmitters with operating frequencies in the band 5150-5250 MHz:

a. all emissions outside the 5150-5350 MHz band shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density;
b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.
c. if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS (see section 7.3.6) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

RSS-247 Clause 7.3.4.2

For equipment operating in the band 5725-5850 MHz, the minimum 6 dB bandwidth shall be at least 500 kHz.

RSS-Gen Clause 6.7

The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

9.2 Test Procedure

26dB Emission Bandwidth (EBW)

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

a) Set RBW = approximately 1% of the emission bandwidth.

b) Set the VBW > RBW.

c) Detector = Peak.

d) Trace mode = max hold.

e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Minimum Emission Bandwidth for the band 5.725-5.85 GHz

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

a) Set RBW = 100 kHz.

b) Set the video bandwidth (VBW) ≥ 3 × RBW.

c) Detector = Peak.

d) Trace mode = max hold.

e) Sweep = auto couple.

f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

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99% Occupied Bandwidth:

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01
The 99% occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. Measurement of the 99% occupied bandwidth is required only as a condition for using the optional band edge measurement techniques described in II.G.3.d). Measurements of 99% occupied bandwidth may also optionally be used in lieu of the EBW to define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in II.E.
However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with Section 15.407(a).

The following procedure shall be used for measuring (99%) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.

2. Set span = 1.5 times to 5.0 times the OBW.

3. Set RBW = 1% to 5% of the OBW

4. Set VBW $\geq 3 \times$ RBW

5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.

6. Use the 99% power bandwidth function of the instrument (if available).

7. If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

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9.3 Test Results

Test mode: Transmitting

5150-5250MHz

UNII Band	Mode	Channel	Frequency (MHz)	26dB Emission Bandwidth (MHz)	99% Emission Bandwidth (MHz)
UNII-1	802.11a	36	5180	40.80	19.02
		40	5200	41.70	18.94
		48	5240	38.30	16.82
	802.11 n20	36	5180	44.90	19.66
		40	5200	43.70	19.18
		48	5240	38.50	17.82
	802.11 ac20	36	5180	43.80	19.02
		40	5200	43.70	19.26
		48	5240	39.20	17.82
	802.11 ax20	36	5180	41.10	19.62
		40	5200	40.90	19.74
		48	5240	37.80	18.86

The 99% Occupied Bandwidth have not fallen into the band 5250-5350MHz, please refer to the test plots of 99% Occupied Bandwidth.

5250-5350MHz

UNII Band	Mode	Channel	Frequency (MHz)	26dB Emission Bandwidth (MHz)	99% Emission Bandwidth (MHz)
UNII-2A	802.11a	52	5260	40.70	17.14
		60	5300	38.90	17.26
		64	5320	33.00	16.58
	802.11 n20	52	5260	41.70	18.10
		60	5300	40.00	18.10
		64	5320	35.00	17.62
	802.11 ac20	52	5260	42.10	18.30
		60	5300	41.40	18.38
		64	5320	37.00	17.74
	802.11 ax20	52	5260	39.90	19.14
		60	5300	35.90	18.90
		64	5320	33.30	18.78

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5470-5725MHz

UNII Band	Mode	Channel	Frequency (MHz)	26dB Emission Bandwidth (MHz)	99% Emission Bandwidth (MHz)
UNII-2C	802.11a	100	5500	41.20	19.22
		116	5580	43.40	19.54
		136	5680	43.80	18.22
		140	5700	36.30	17.82
	802.11 n20	100	5500	47.30	19.90
		116	5580	48.00	19.74
		136	5680	43.60	19.10
		140	5700	36.50	17.74
	802.11 ac20	100	5500	43.20	19.82
		116	5580	48.10	19.74
		136	5680	45.70	18.18
		140	5700	34.10	17.82
	802.11 ax20	100	5500	44.80	19.06
		116	5580	44.80	19.26
		136	5680	41.70	19.30
		140	5700	32.00	18.82

5725-5850MHz

UNII Band	Mode	Channel	Frequency (MHz)	6dB Emission Bandwidth (MHz)	99% Emission Bandwidth (MHz)	Limit (kHz)	Result
UNII-3	802.11a	149	5745	16.26	17.10	≥500	PASS
		157	5785	15.44	19.54	≥500	PASS
		165	5825	15.88	19.78	≥500	PASS
	802.11 n20	149	5745	16.80	17.94	≥500	PASS
		157	5785	15.04	18.78	≥500	PASS
		165	5825	16.52	19.22	≥500	PASS
	802.11 ac20	149	5745	17.04	18.06	≥500	PASS
		157	5785	15.08	19.30	≥500	PASS
		165	5825	16.52	19.10	≥500	PASS
	802.11 ax20	149	5745	17.82	18.94	≥500	PASS
		157	5785	15.44	19.70	≥500	PASS
		165	5825	16.88	19.42	≥500	PASS

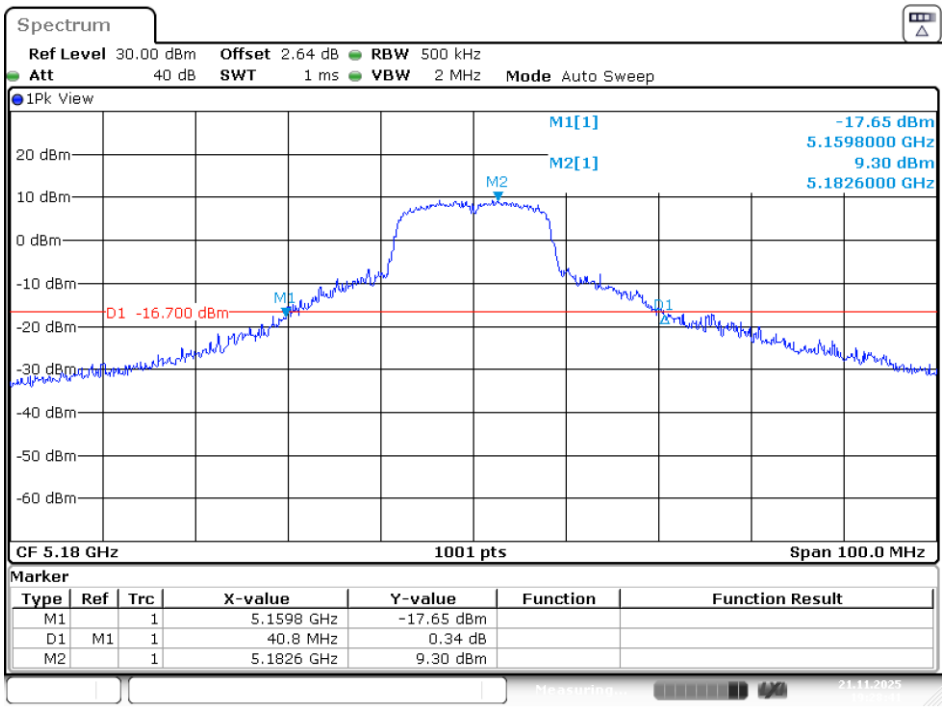
The 99% Occupied Bandwidth have not fallen into the band 5470-5725MHz, please refer to the test plots of 99% Occupied Bandwidth.

Please refer to the following plots

UNII-1 Band I / BW 26dBc

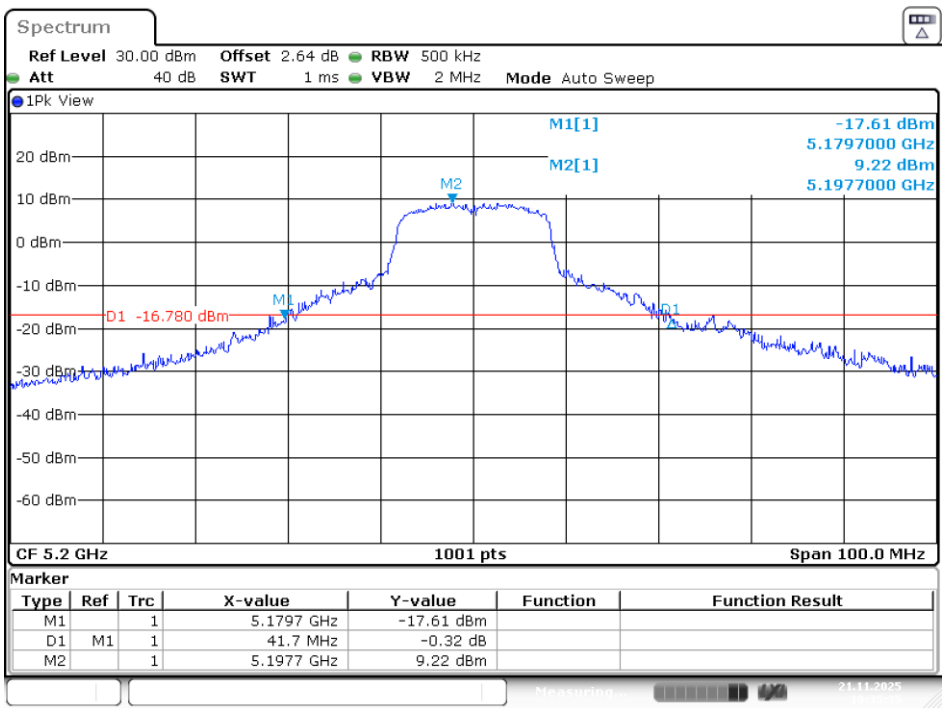
802.11a Mode / 5150 ~ 5250MHz

5180MHz



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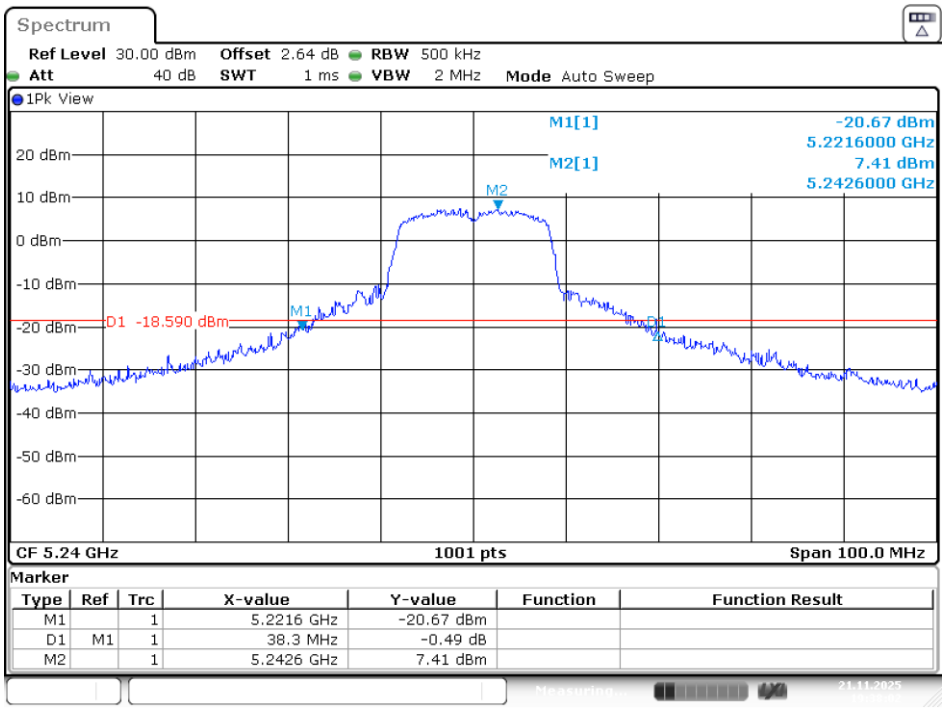
5200MHz



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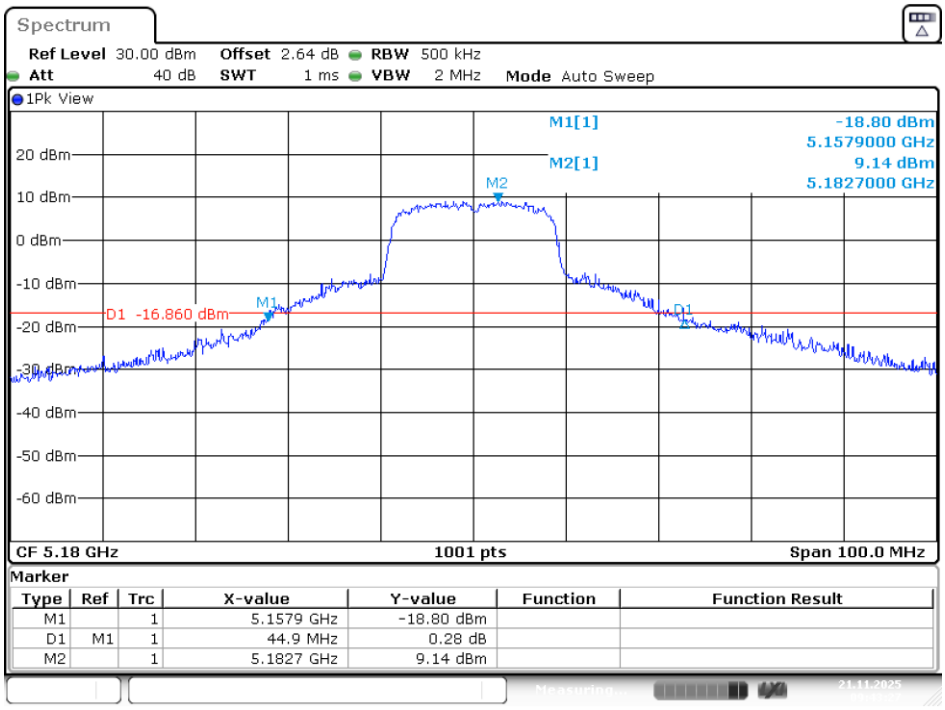
5240MHz



Date: 21.NOV.2025 19:38:02

802.11 n20 Mode / 5150 ~ 5250MHz

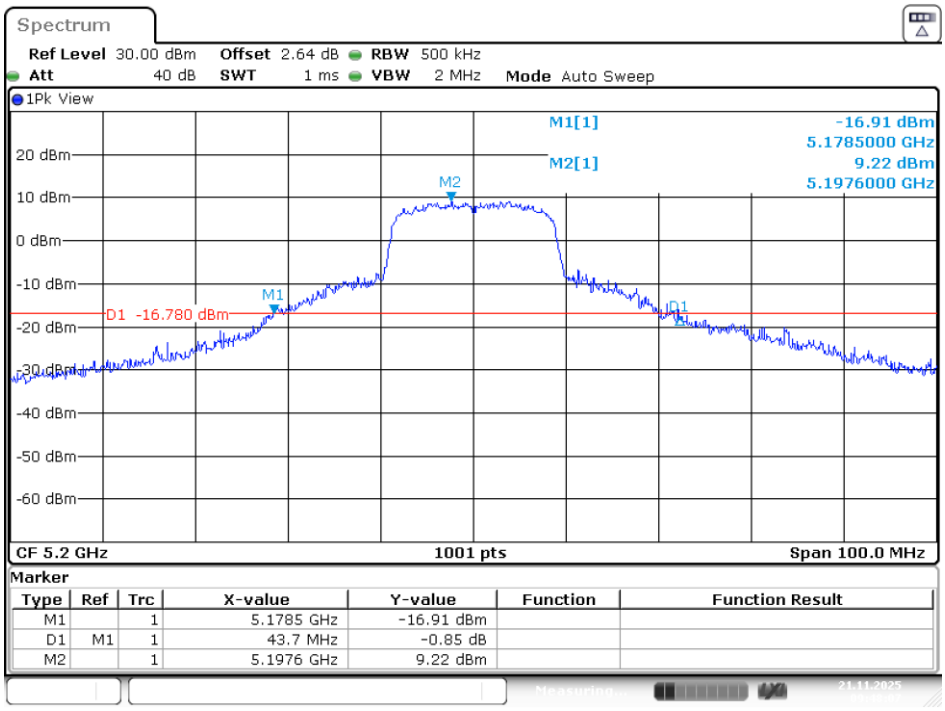
5180MHz



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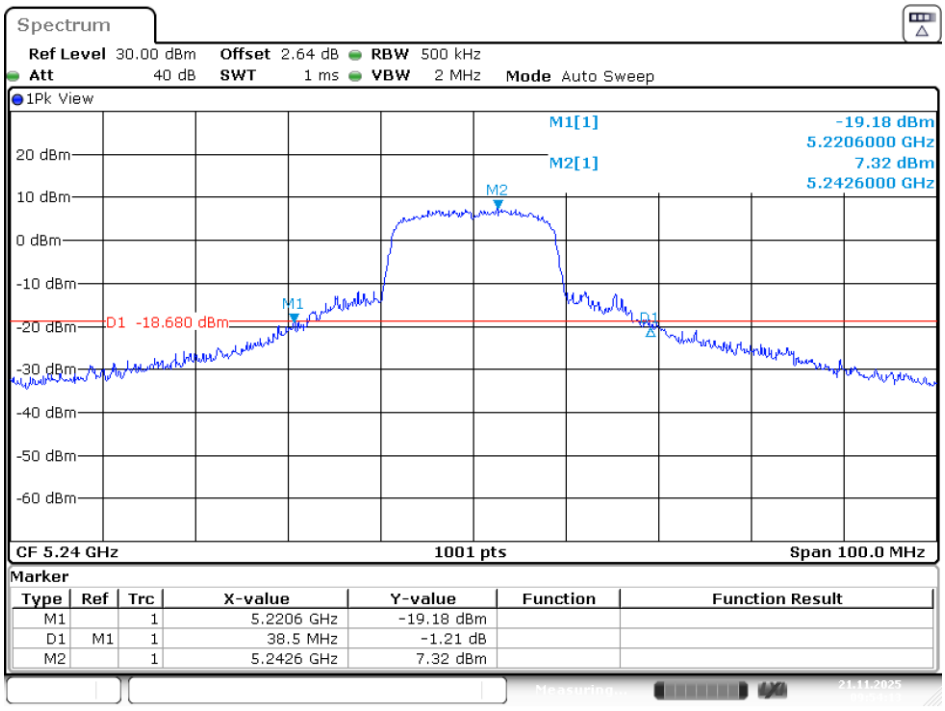
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5200MHz



Date: 21.NOV.2025 09:48:07

5240MHz

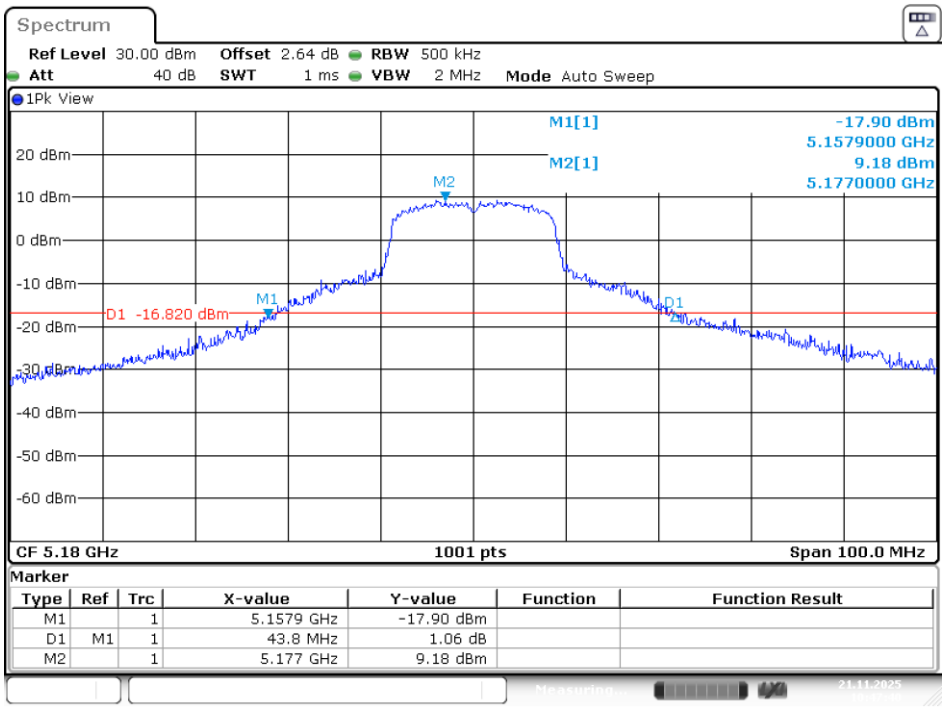


Date: 21.NOV.2025 09:54:13

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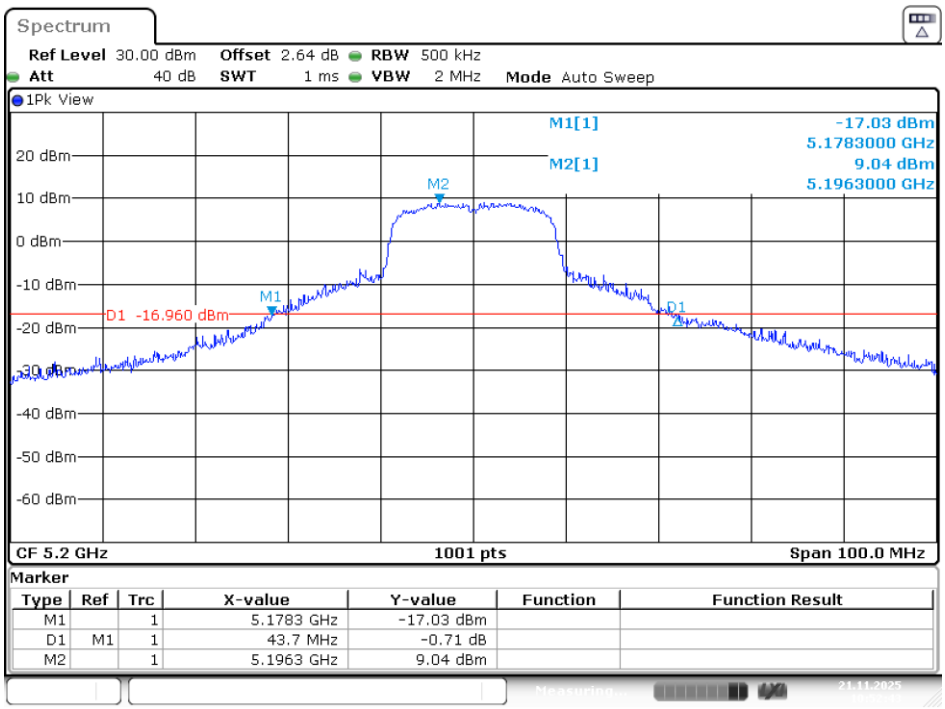
802.11 ac20 Mode / 5150 ~ 5250MHz

5180MHz



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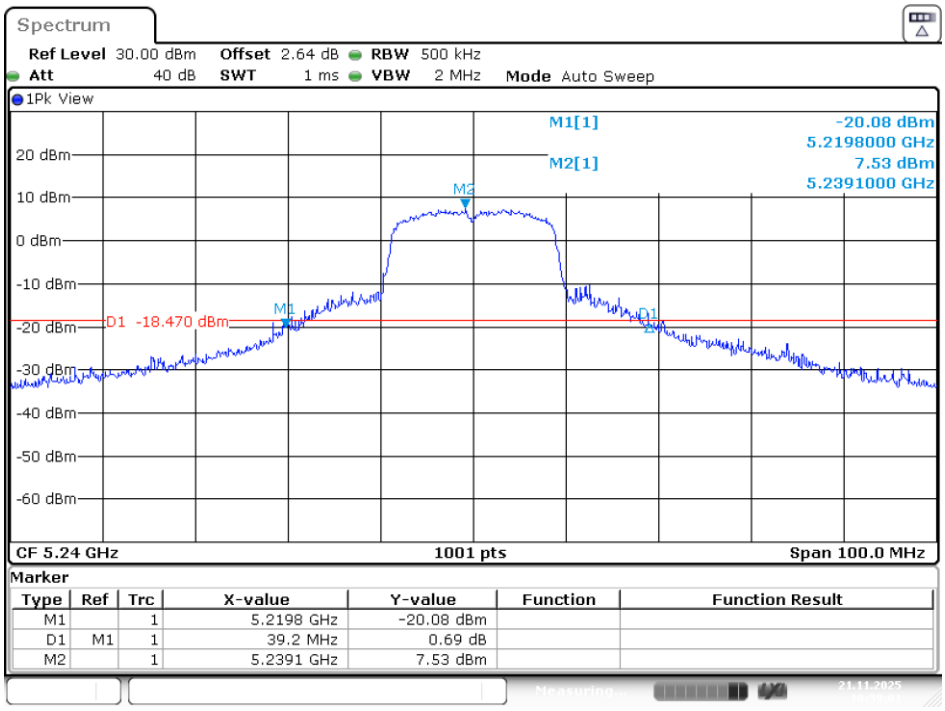
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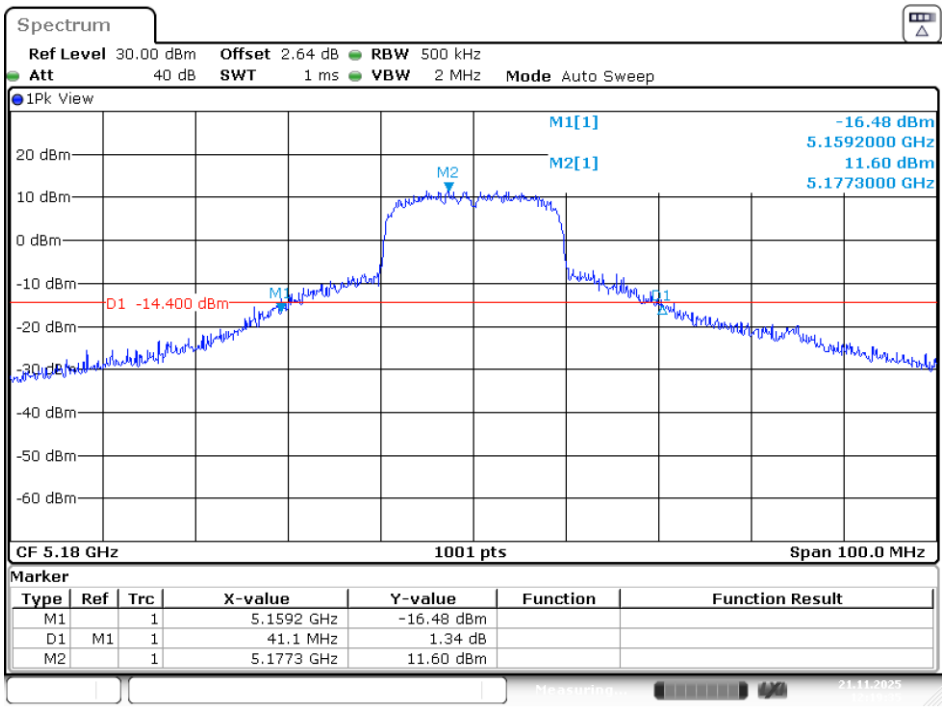
5240MHz



Date: 21.NOV.2025 10:59:01

802.11 ax20 Mode / 5150 ~ 5250MHz

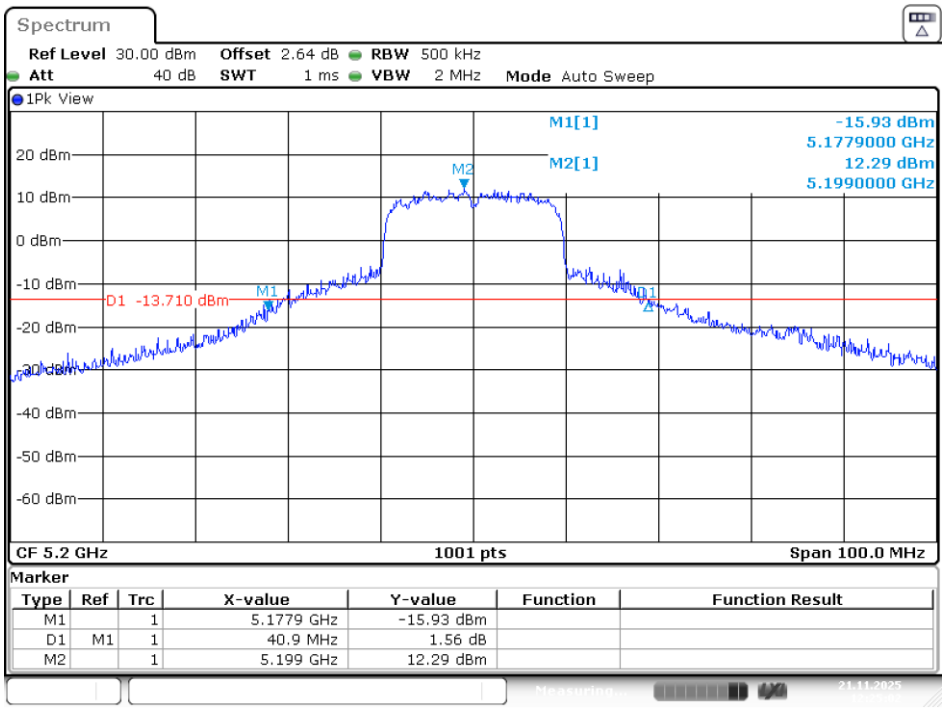
5180MHz



Date: 21.NOV.2025 12:19:36

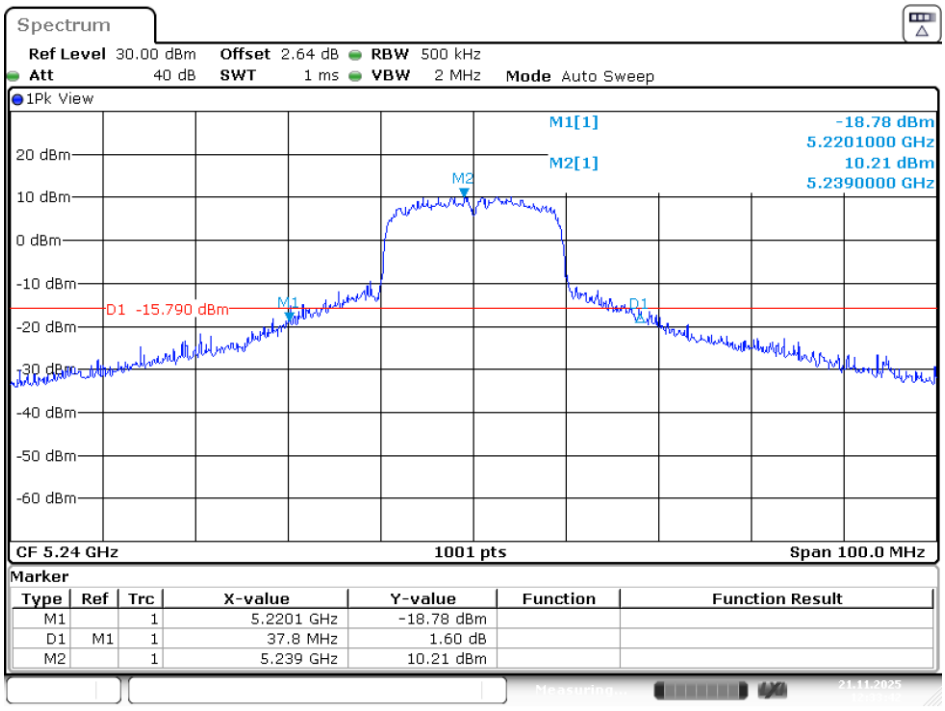
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5200MHz



Date: 21.NOV.2025 12:25:02

5240MHz



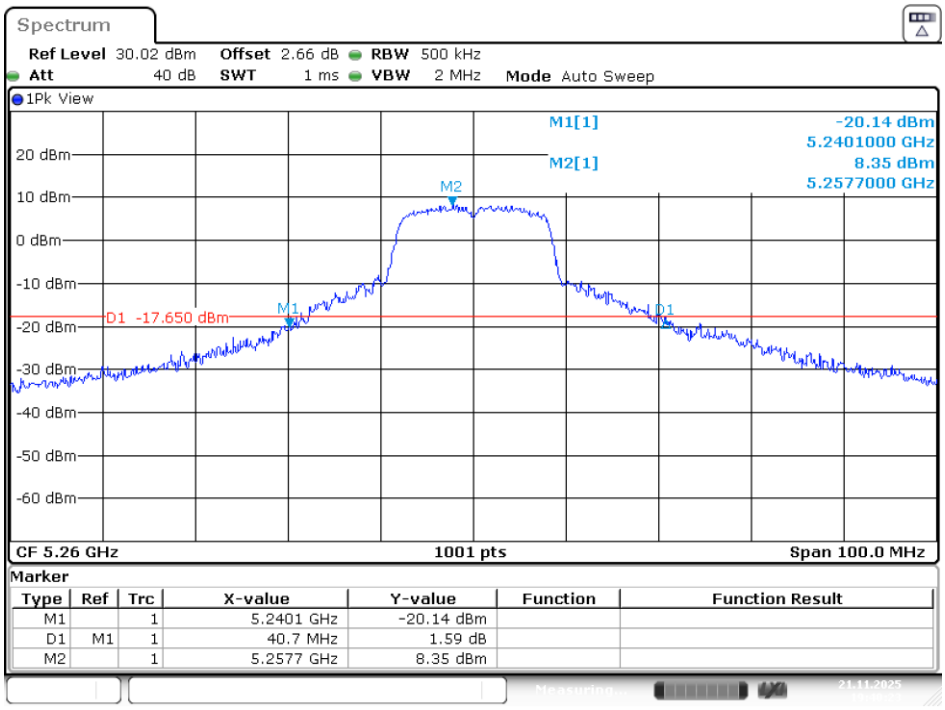
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UNII-2A Band II / BW 26dBc

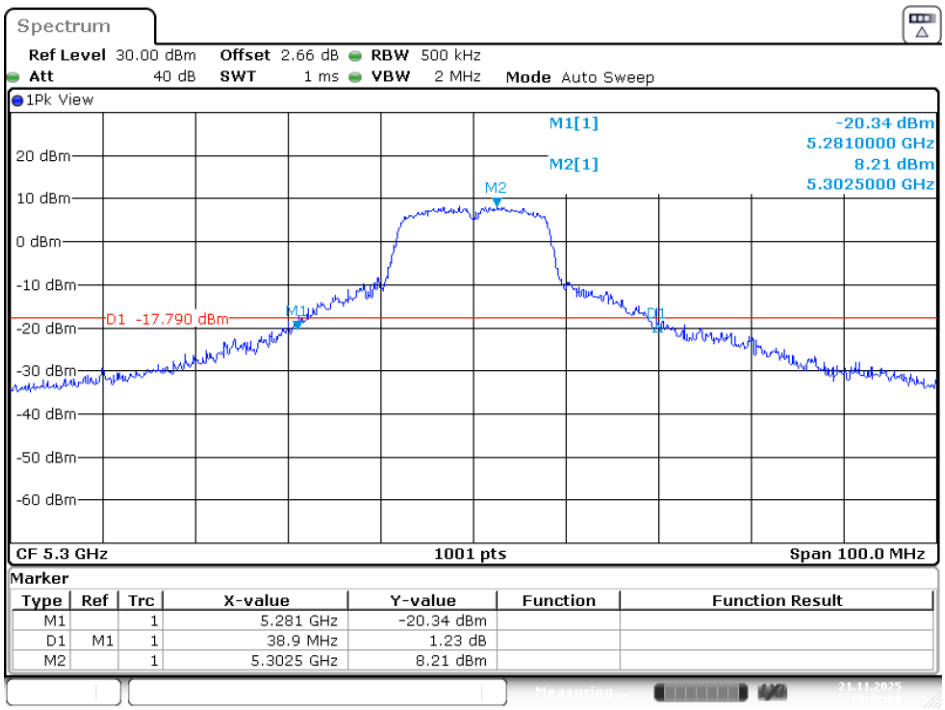
802.11a Mode / 5250 ~ 5350MHz

5260MHz



Date: 21.NOV.2025 19:40:23

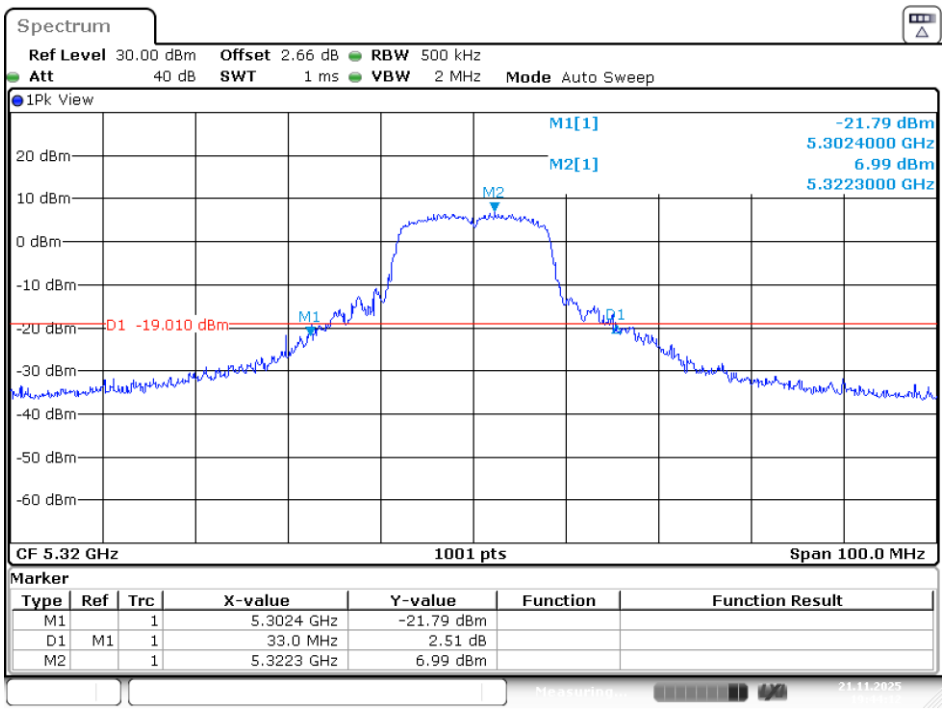
5300MHz



Date: 21.NOV.2025 19:42:01

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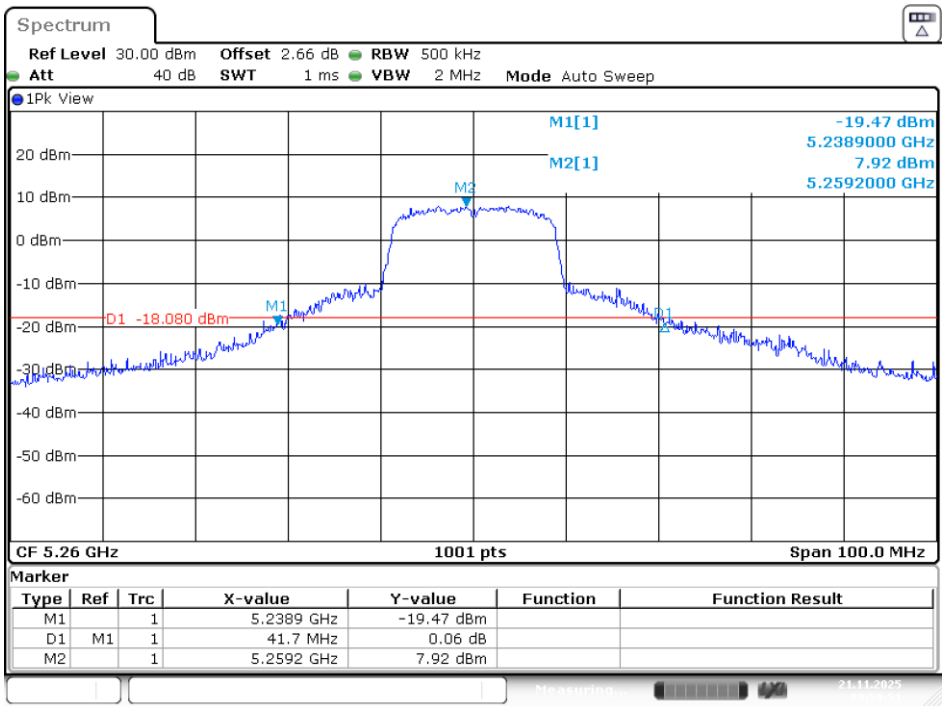
5320MHz



Date: 21.NOV.2025 19:44:13

802.11 n20 Mode / 5250 ~ 5350MHz

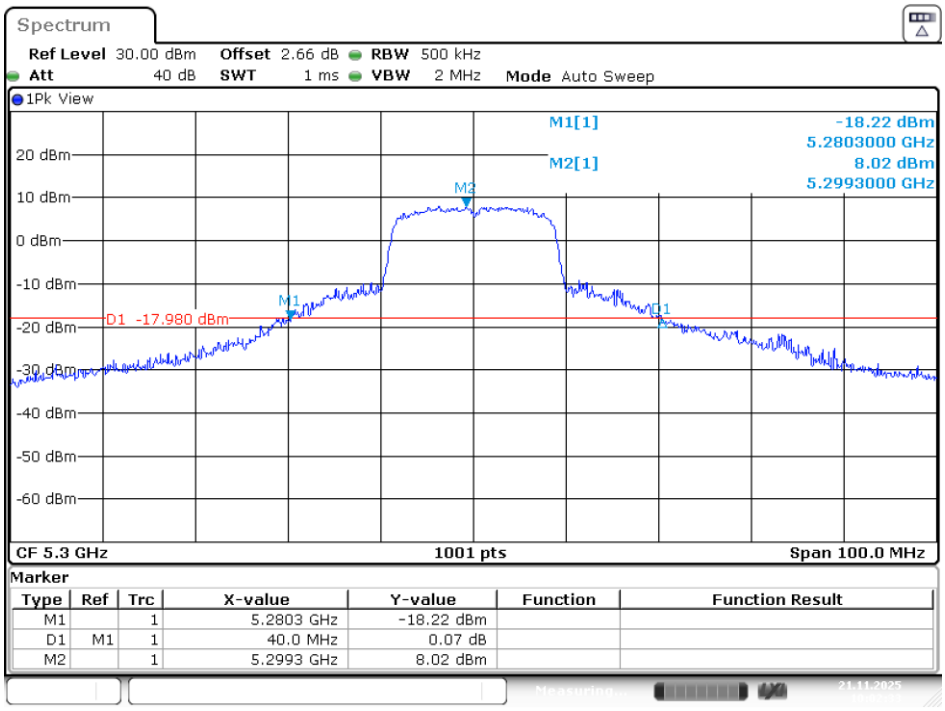
5260MHz



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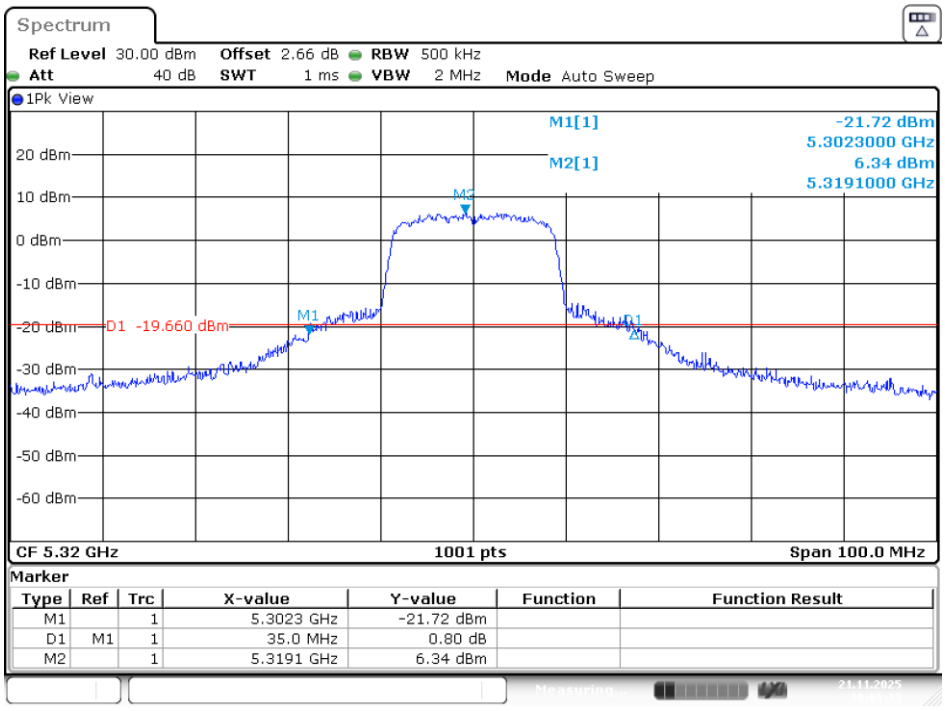
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5300MHz



Date: 21.NOV.2025 10:02:33

5320MHz

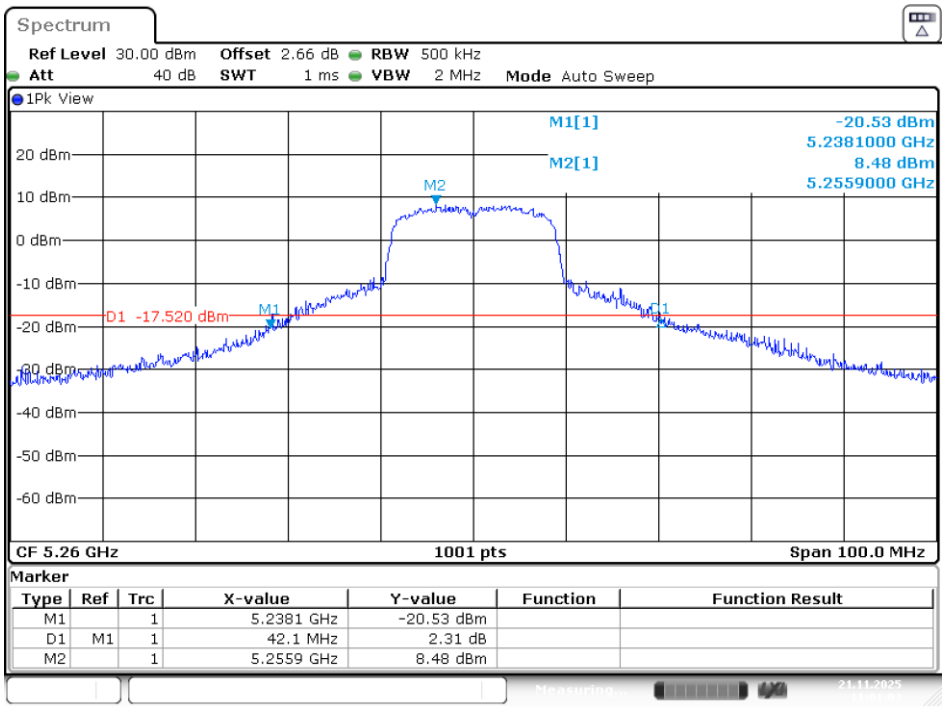


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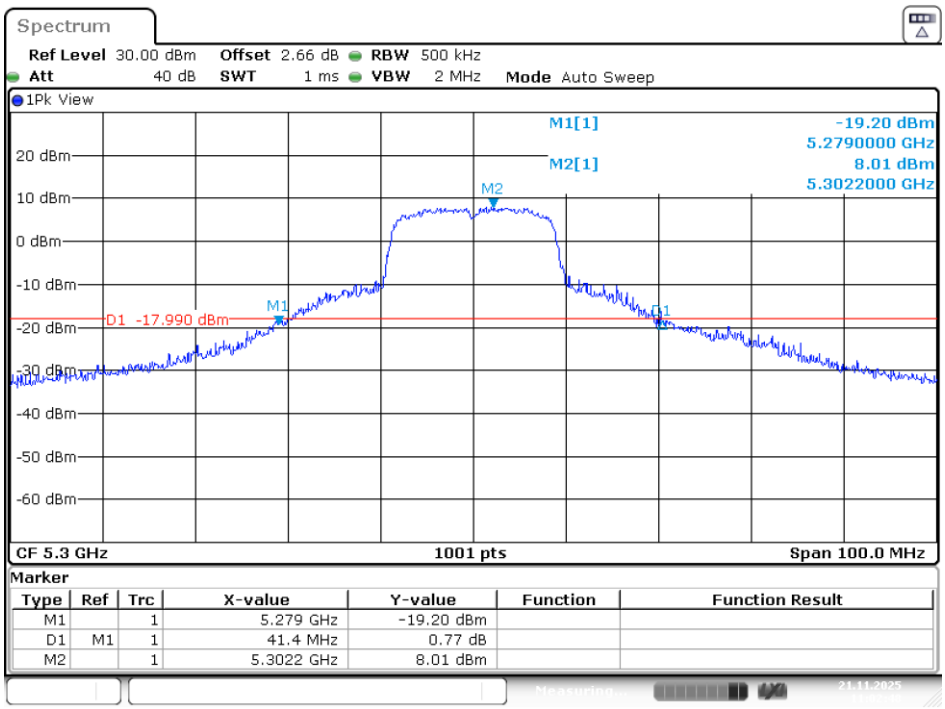
802.11 ac20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 21.NOV.2025 11:01:03

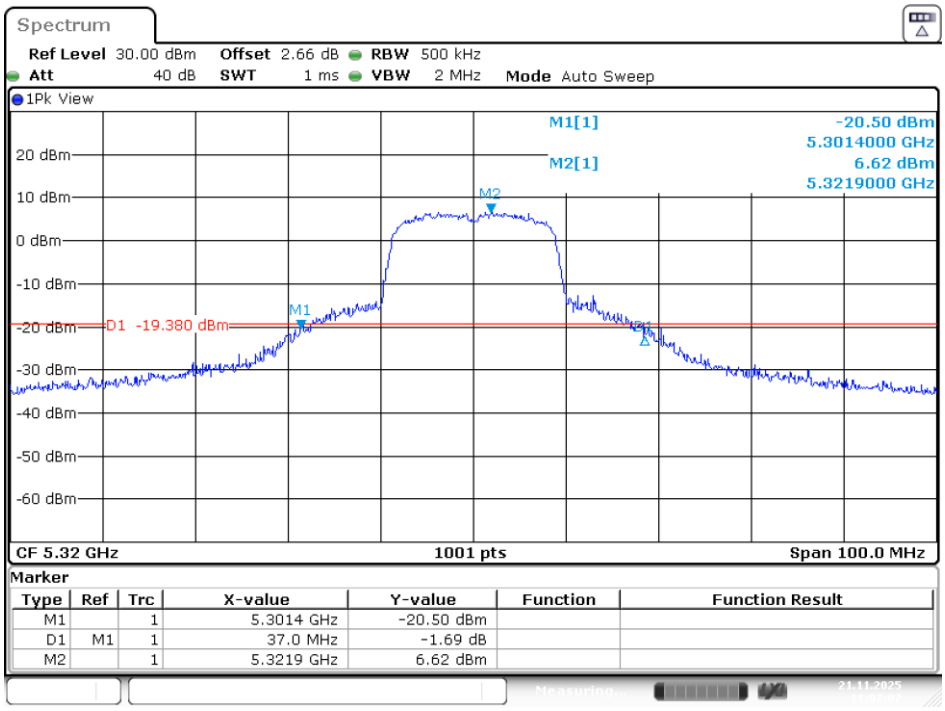
5300MHz



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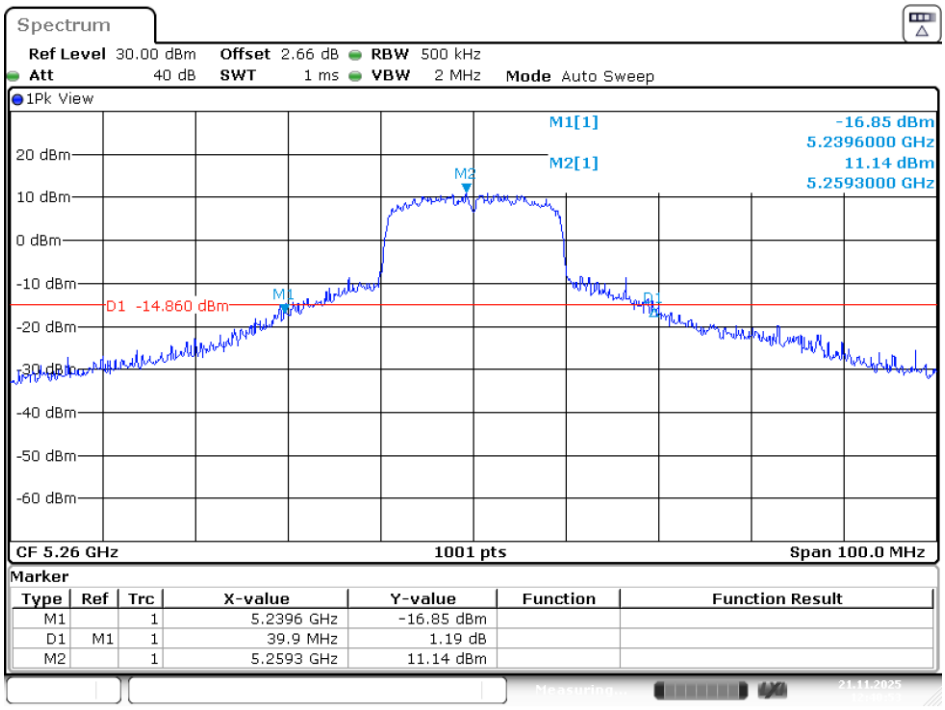
5320MHz



Date: 21.NOV.2025 11:07:07

802.11 ax20 Mode / 5250 ~ 5350MHz

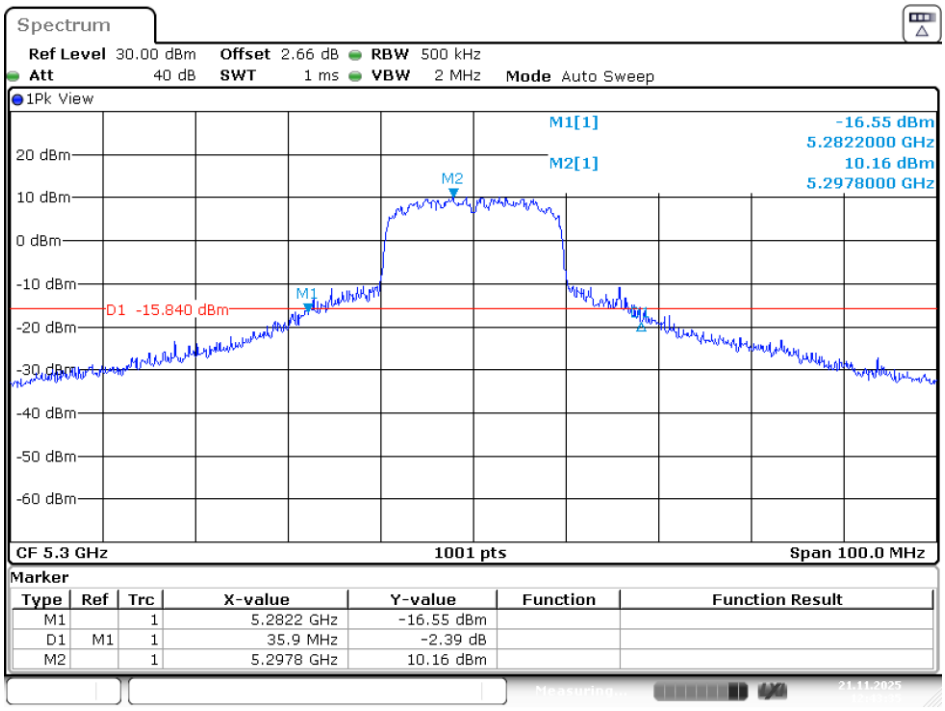
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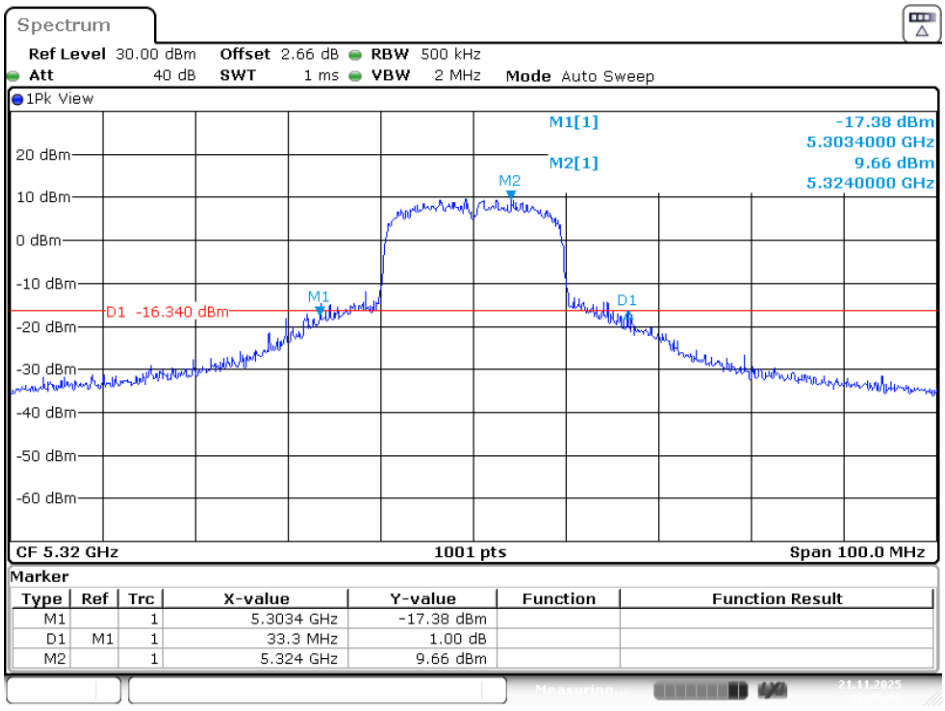
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5300MHz



Date: 21.NOV.2025 12:43:36

5320MHz



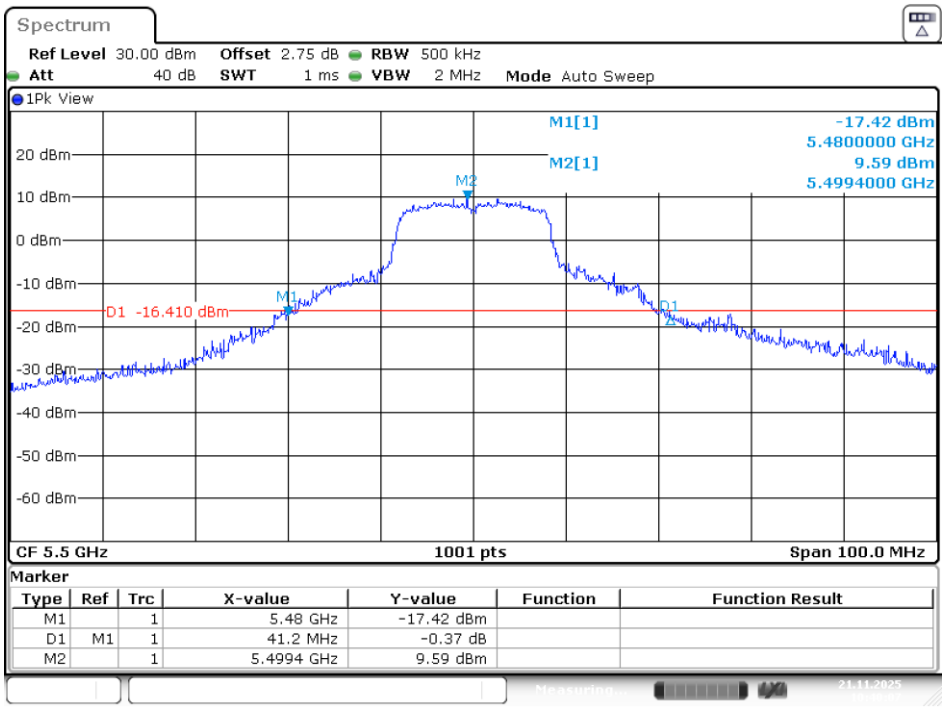
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UNII-2C Band III / BW 26dBc

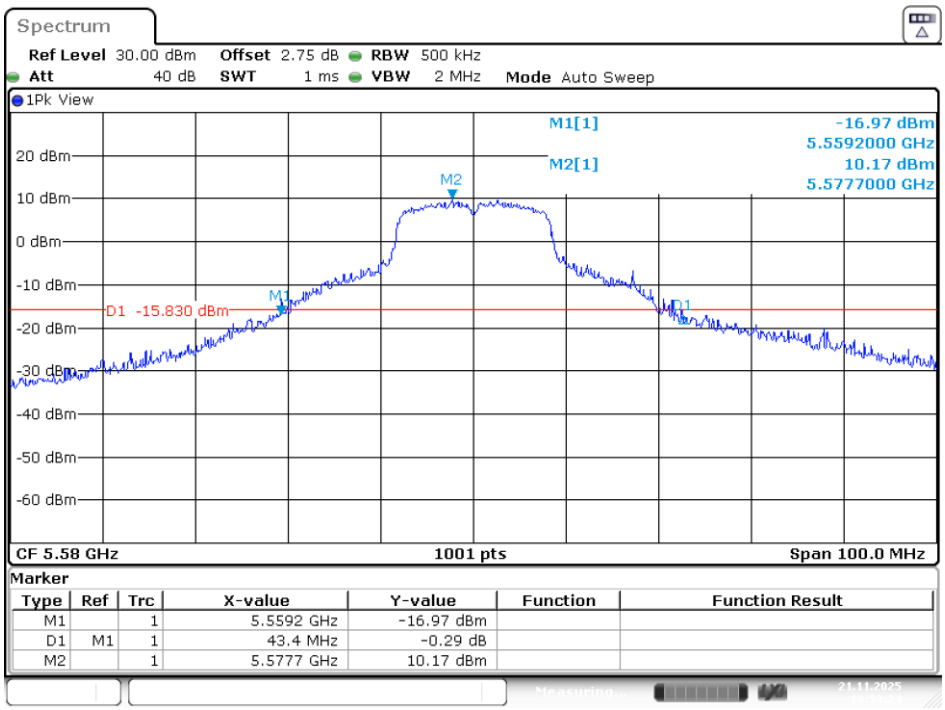
802.11a Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 10:40:07

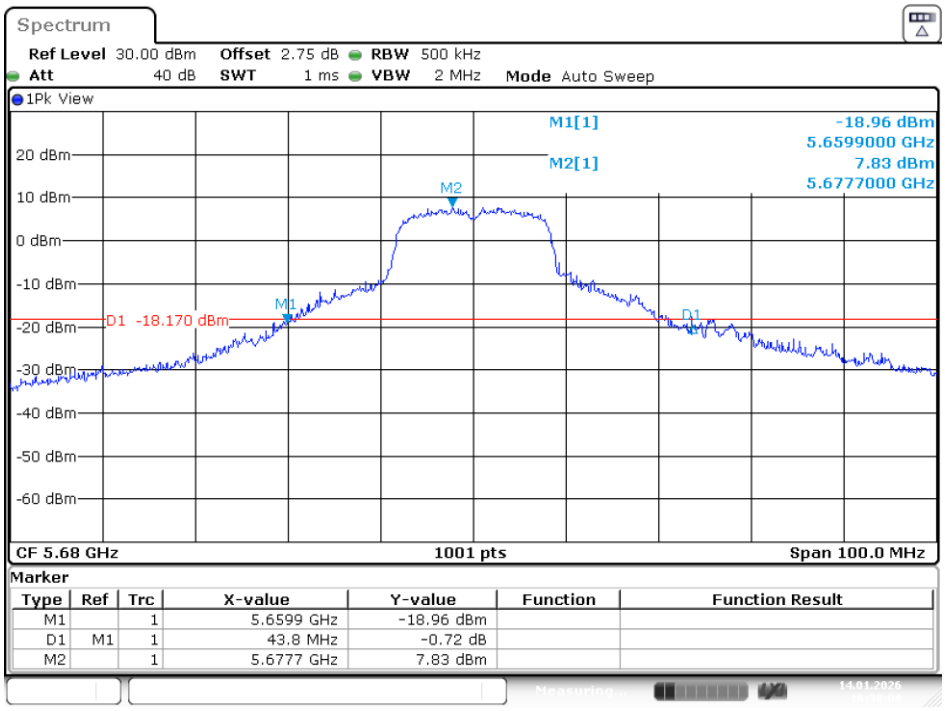
5580MHz



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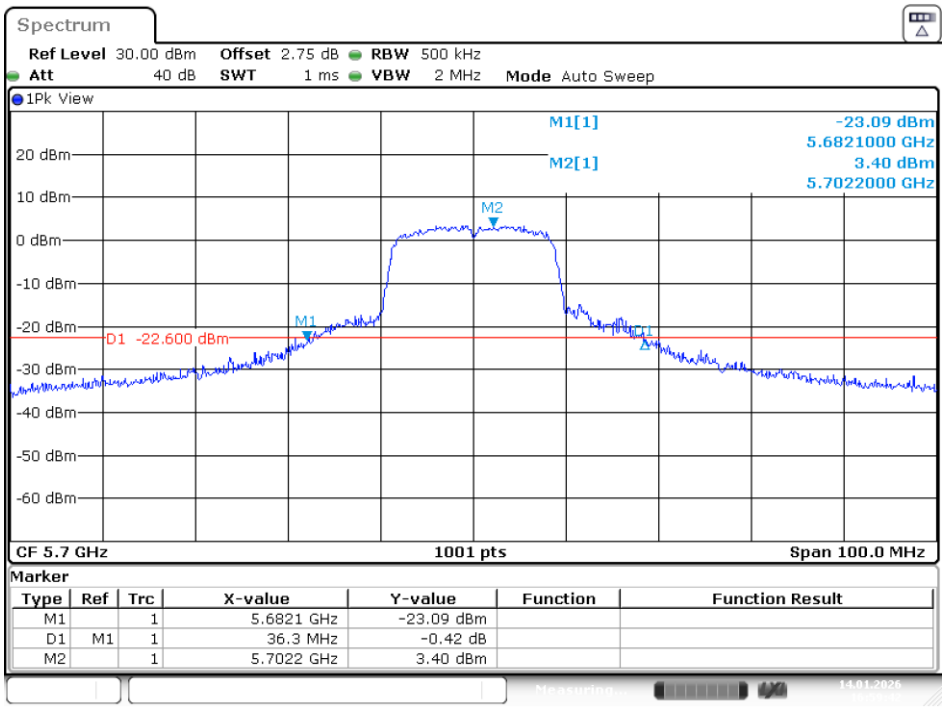
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5680MHz



Date: 14.JAN.2026 16:38:09

5700MHz

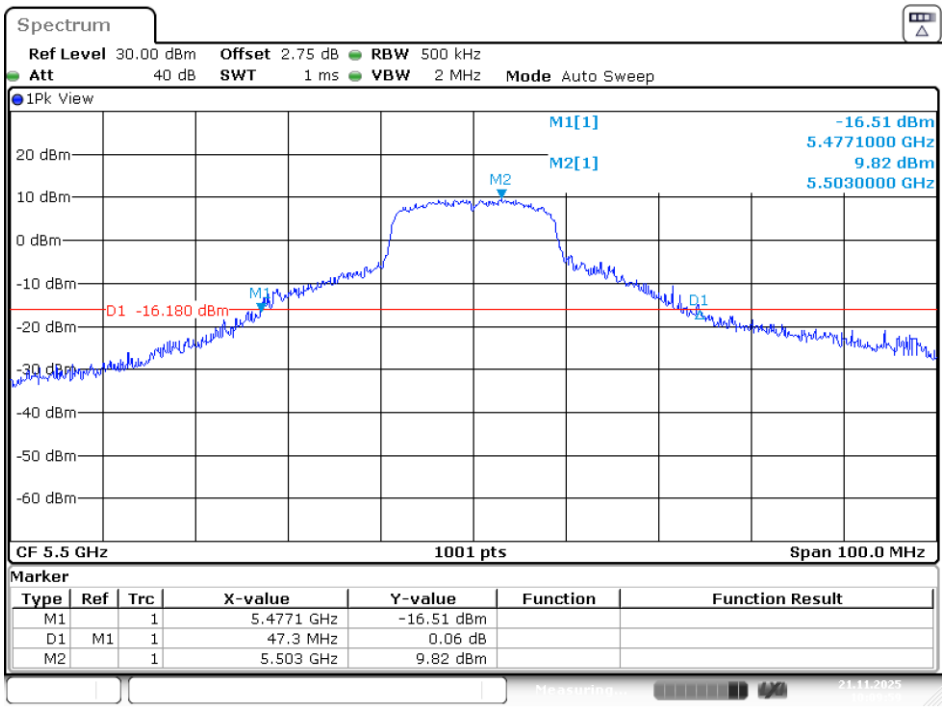


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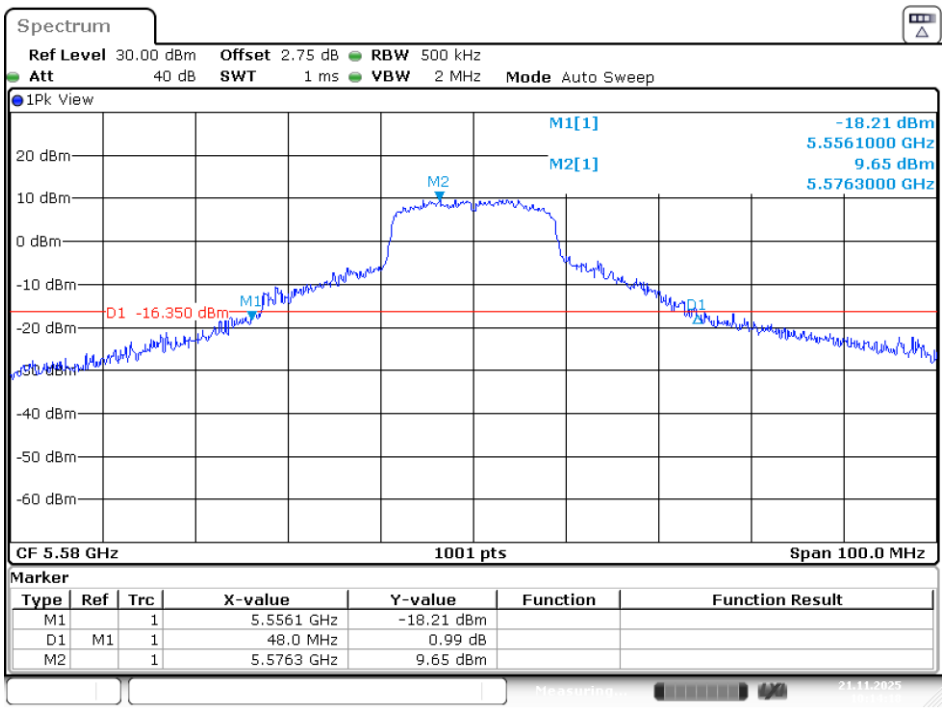
802.11 n20 Mode / 5470 ~ 5725MHz

5500MHz



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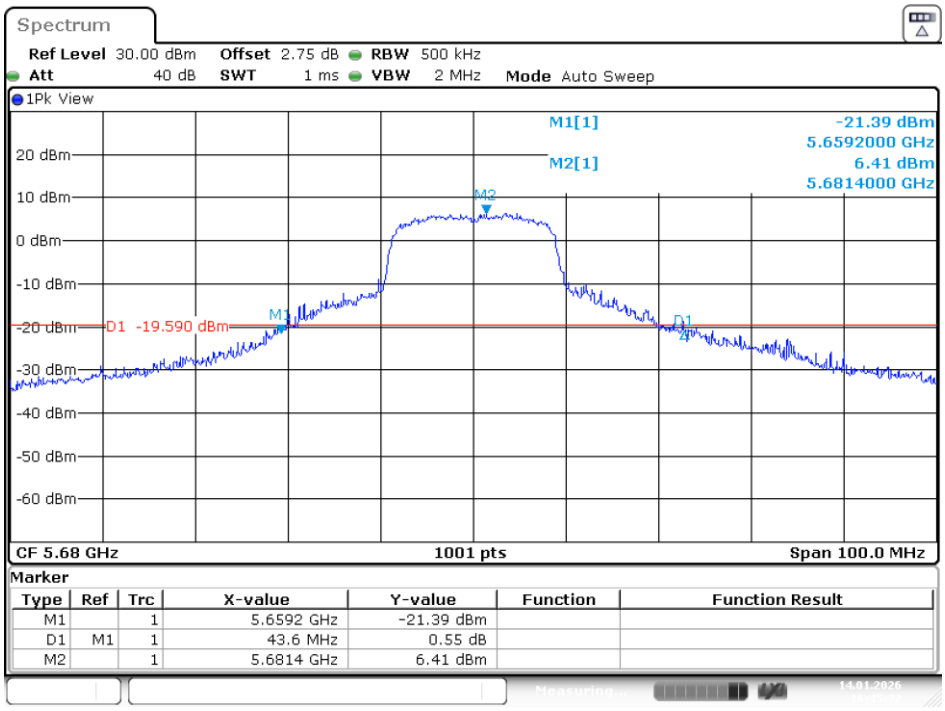
5580MHz



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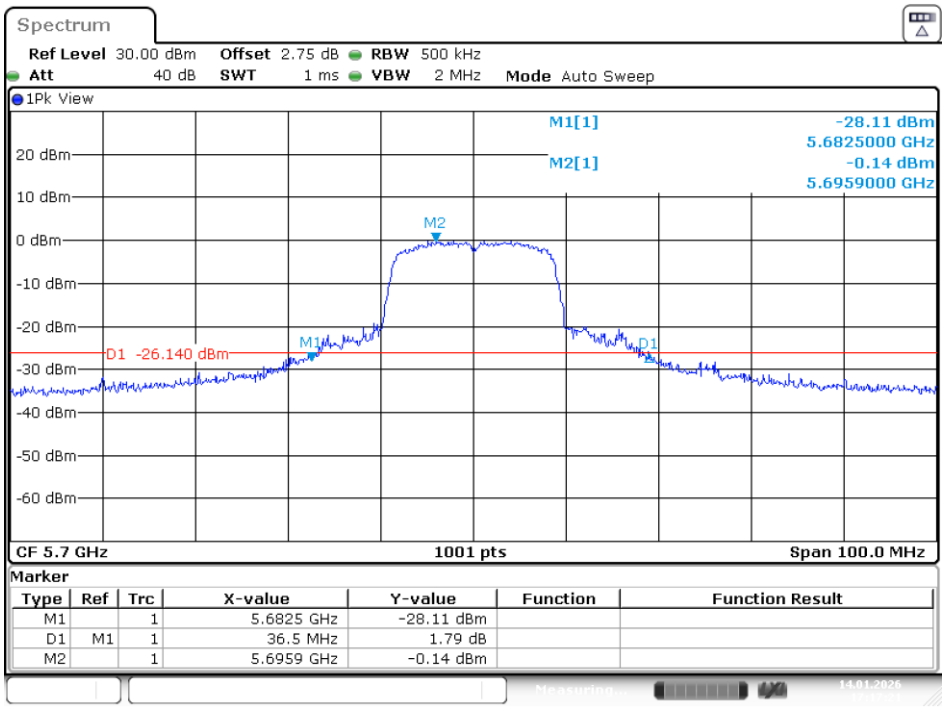
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:45:32

5700MHz

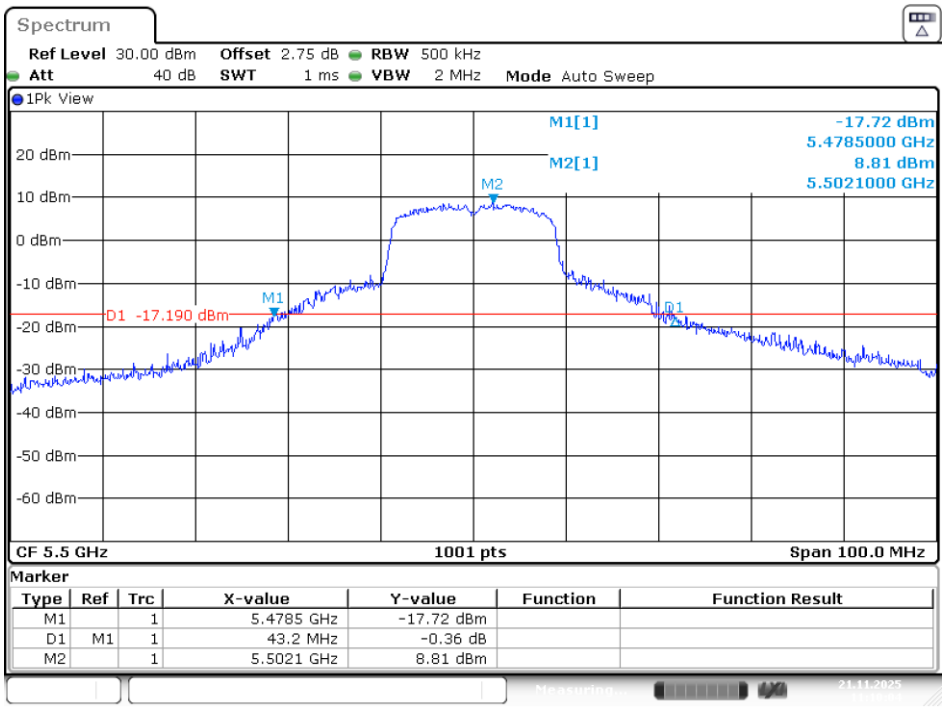


Date: 14.JAN.2026 17:17:22

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

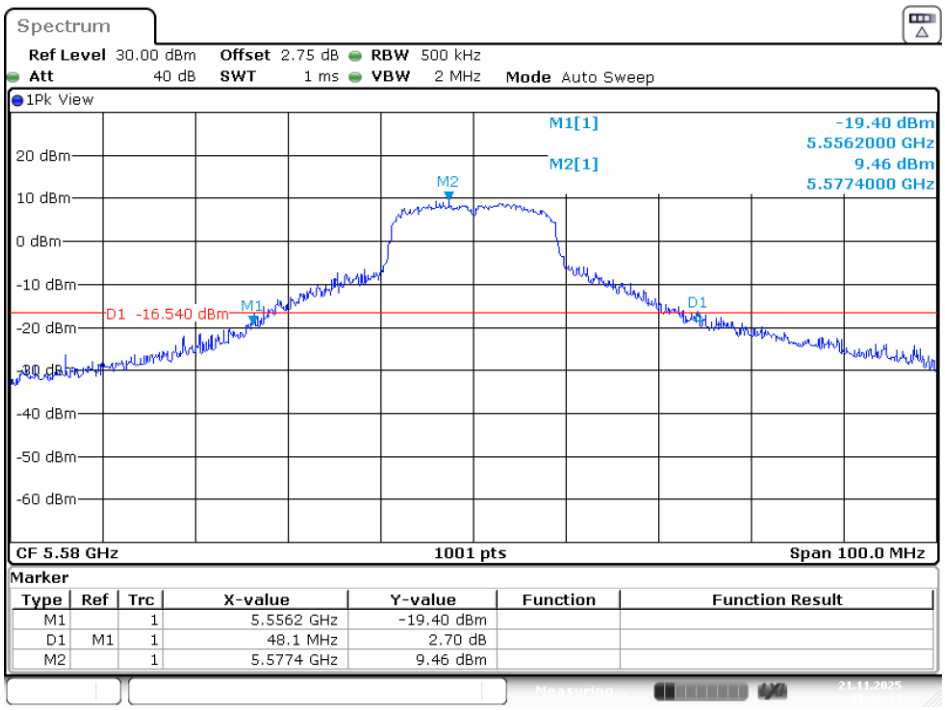
802.11 ac20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 11:10:05

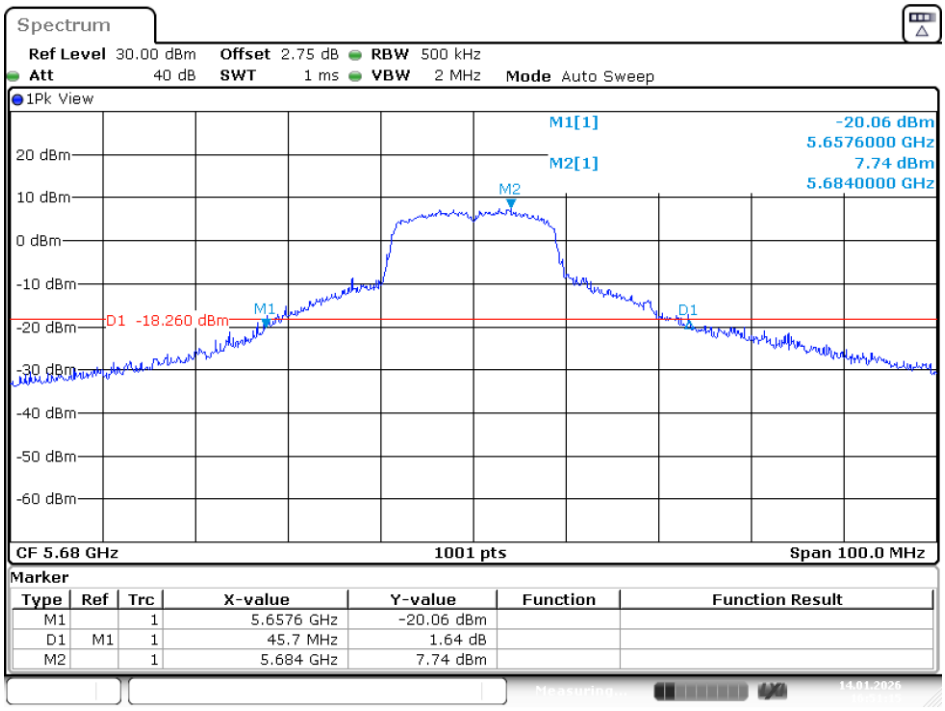
5580MHz



Date: 21.NOV.2025 11:42:13

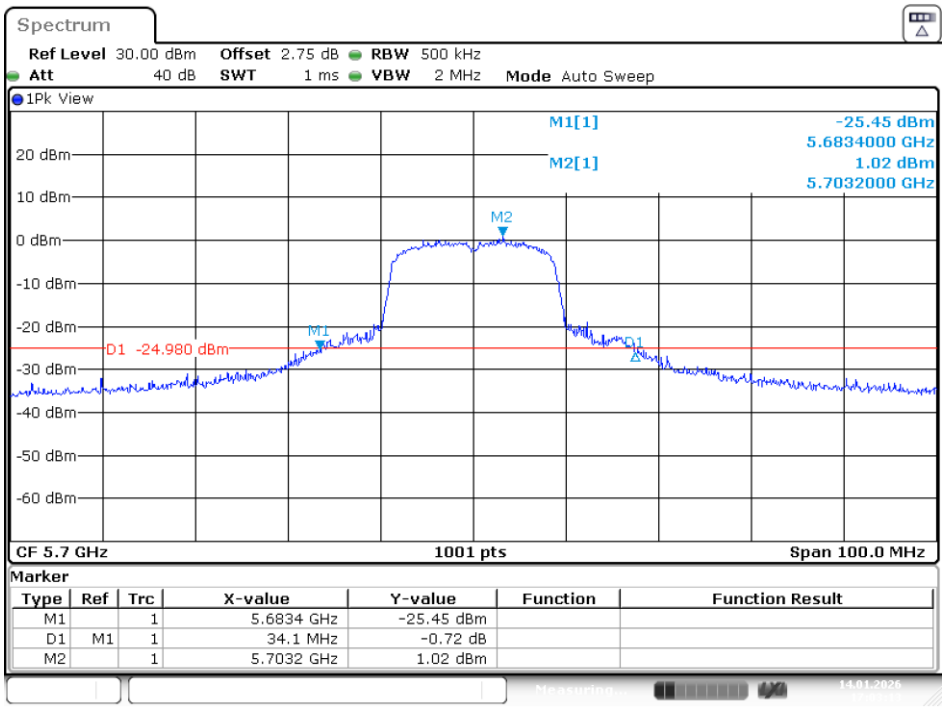
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:51:16

5700MHz

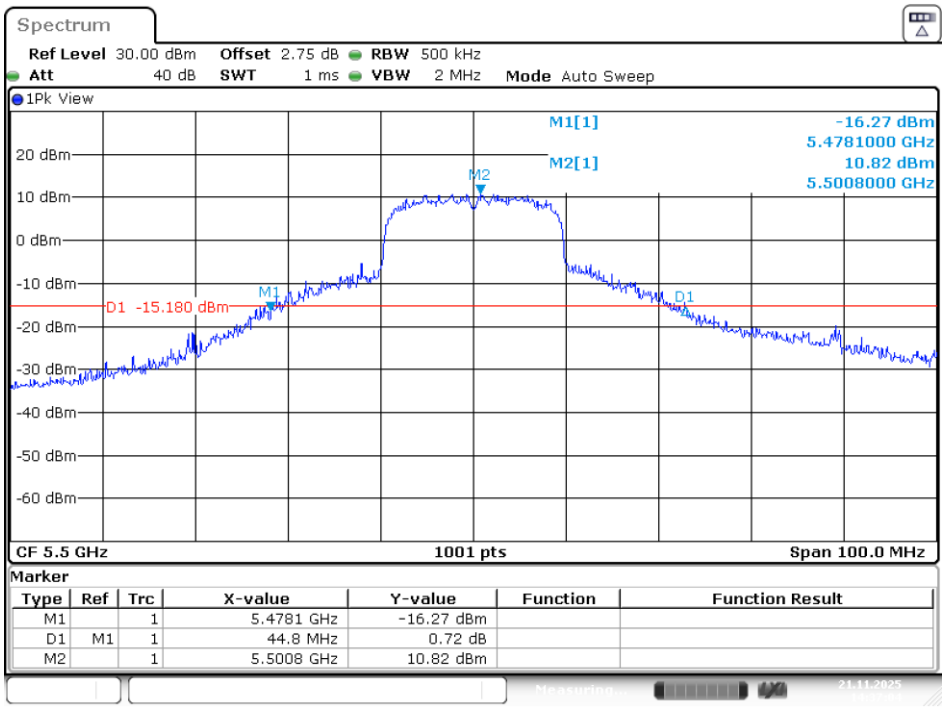


Date: 14.JAN.2026 17:03:14

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

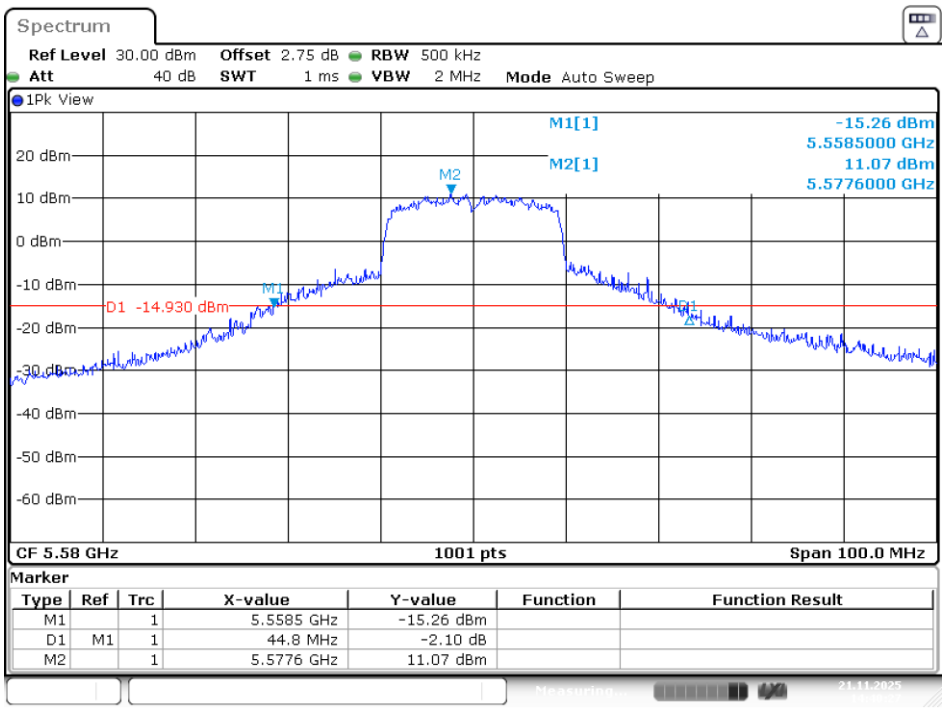
802.11 ax20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 14:37:04

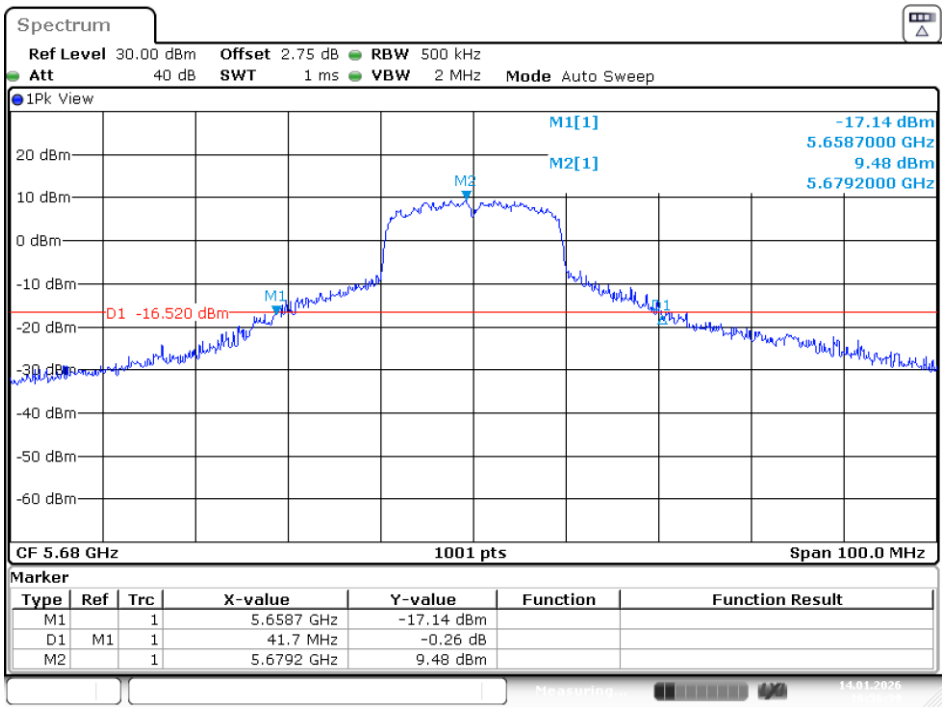
5580MHz



Date: 21.NOV.2025 14:40:27

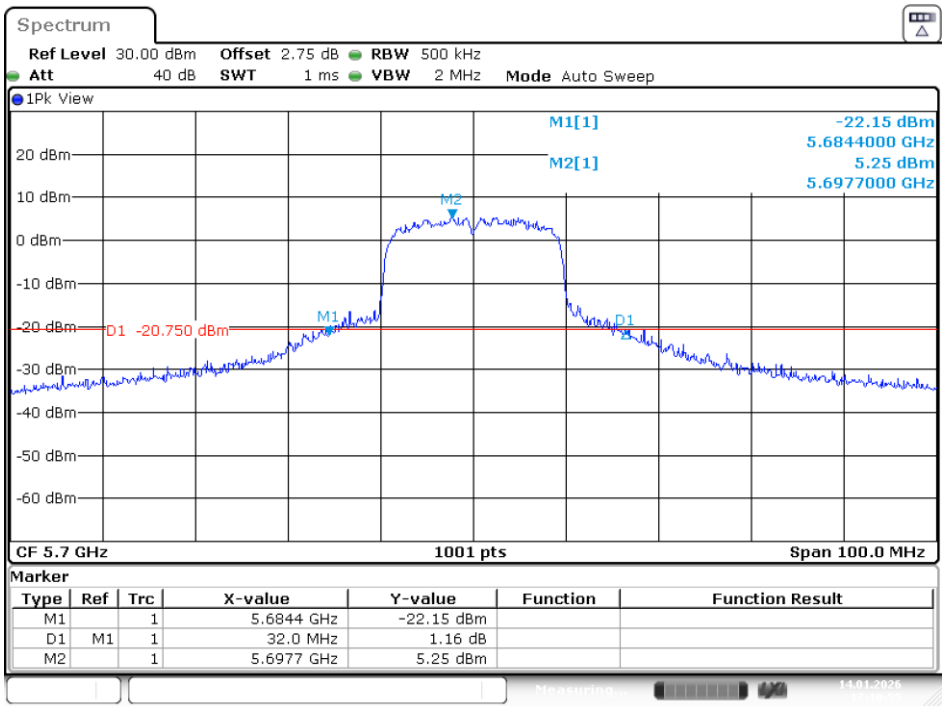
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:56:40

5700MHz



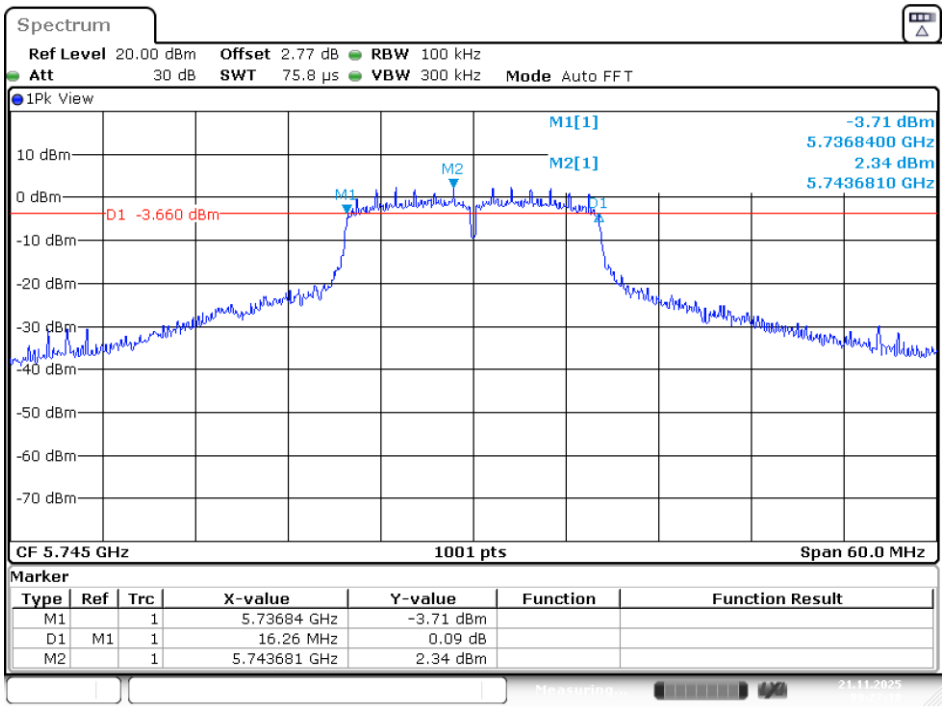
Date: 14.JAN.2026 17:10:56

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-3 Band IV / BW 6dBc

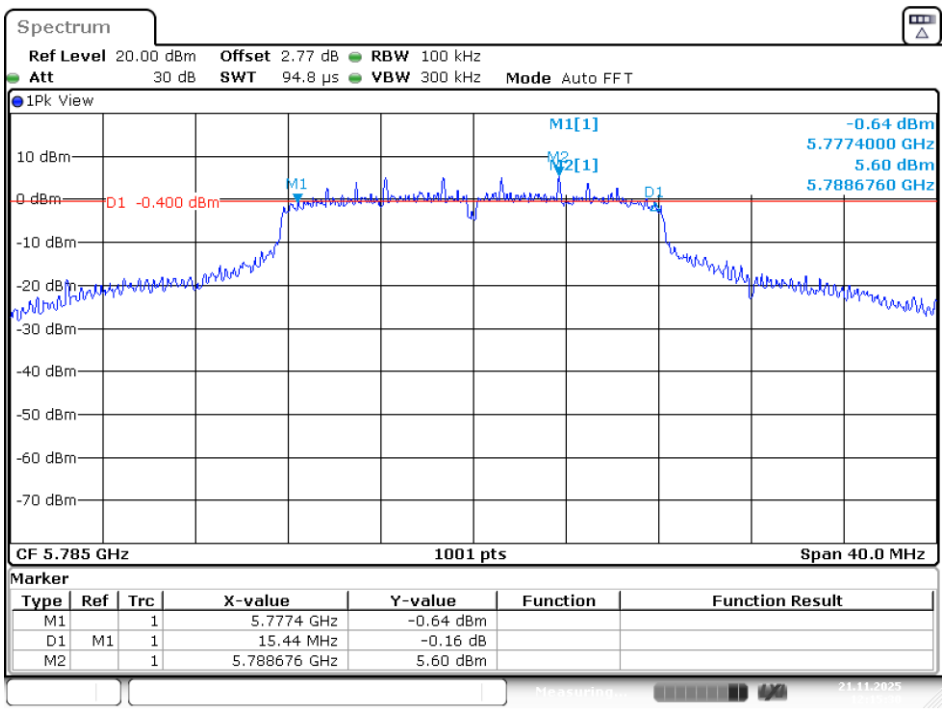
802.11a Mode / 5725 ~ 5850MHz

5745MHz



Date: 21.NOV.2025 09:27:18

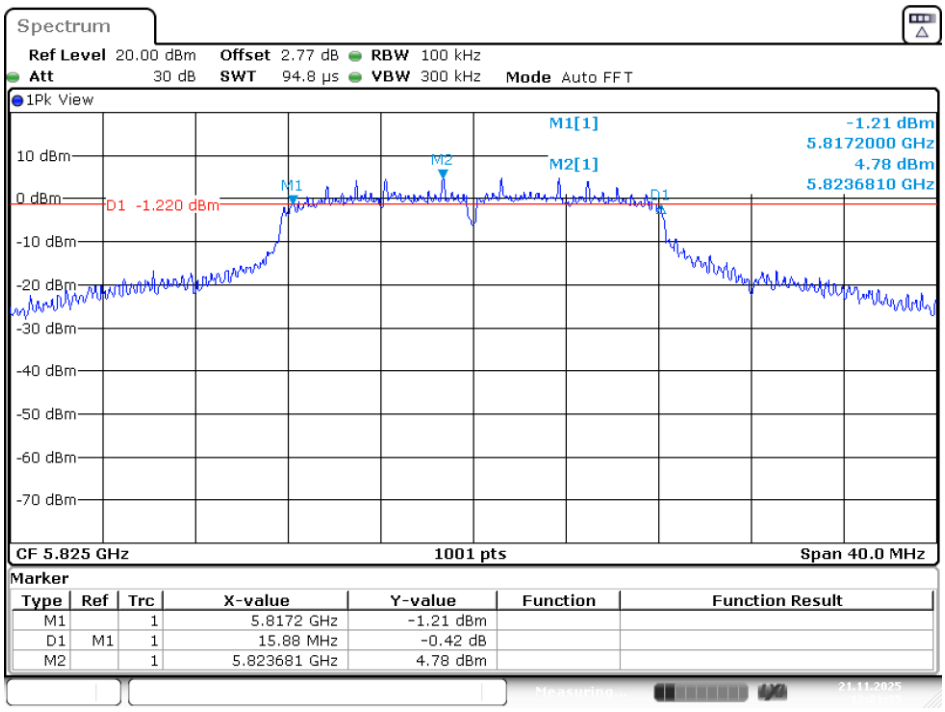
5785MHz



Date: 21.NOV.2025 12:15:31

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

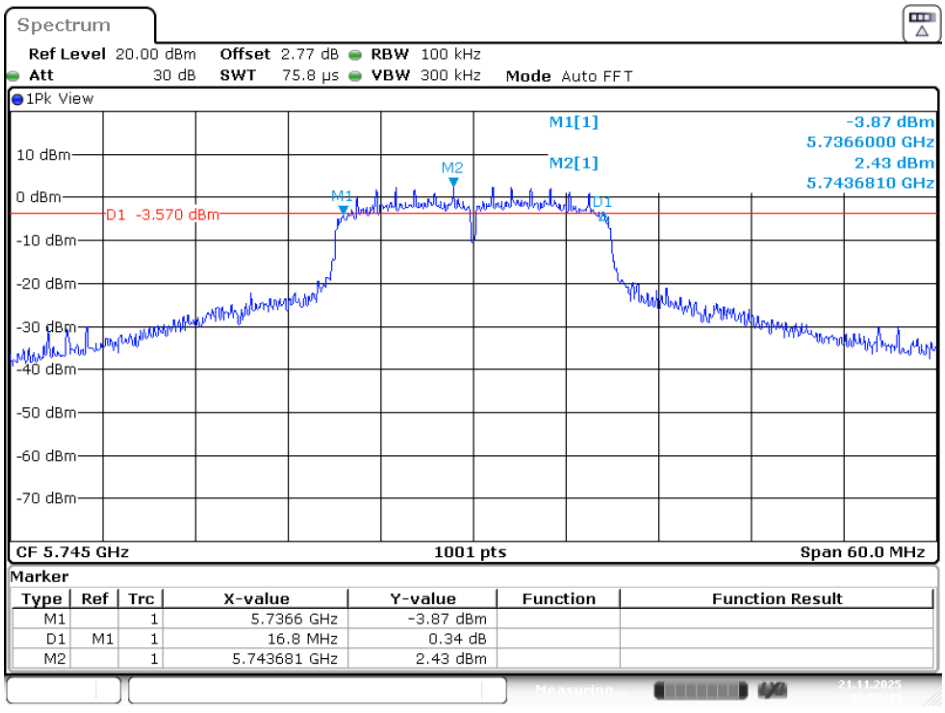
5825MHz



Date: 21.NOV.2025 12:21:35

802.11 n20 Mode / 5725 ~ 5850MHz

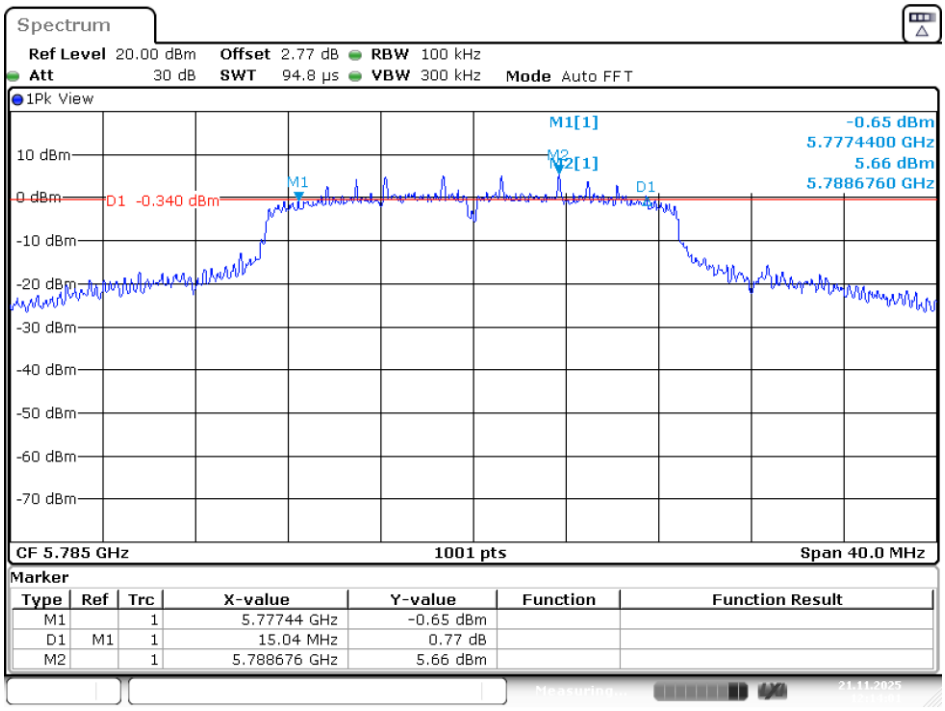
5745MHz



Date: 21.NOV.2025 09:55:44

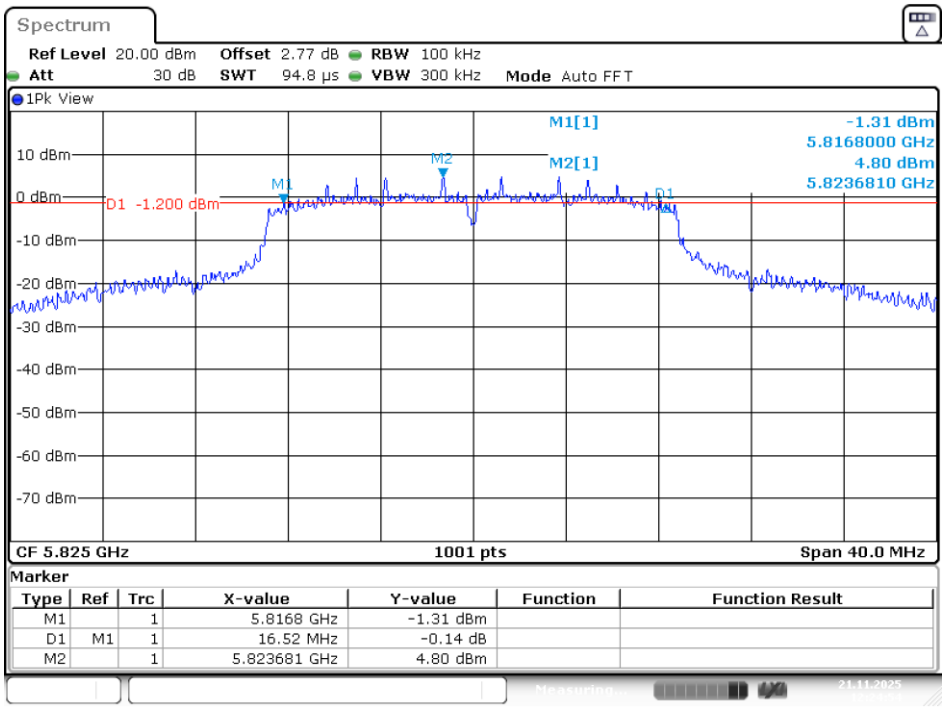
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5785MHz



Date: 21.NOV.2025 12:14:02

5825MHz

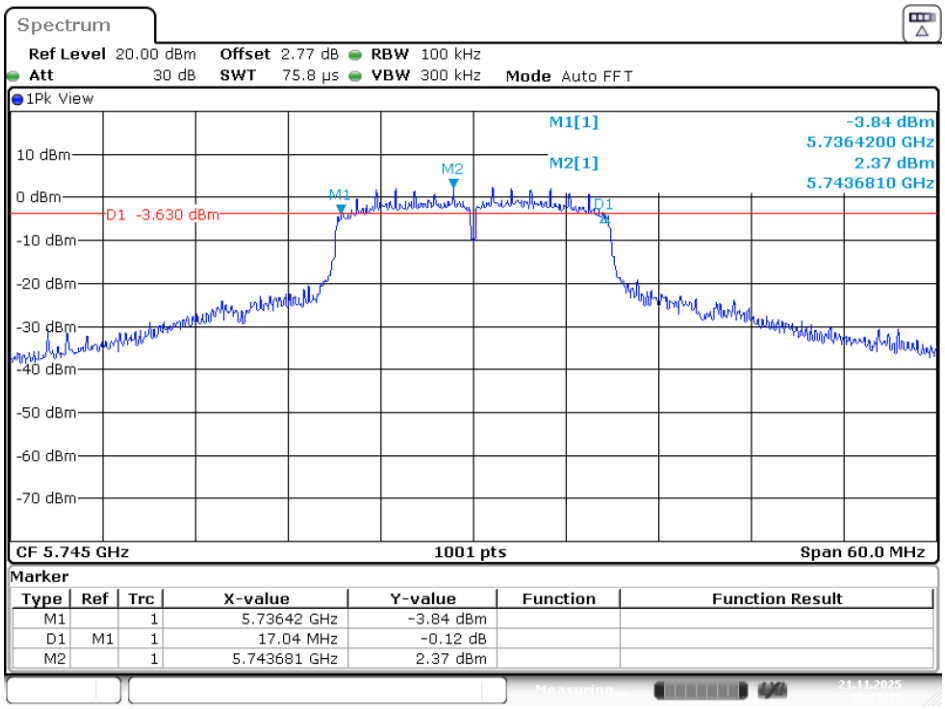


Date: 21.NOV.2025 12:24:55

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

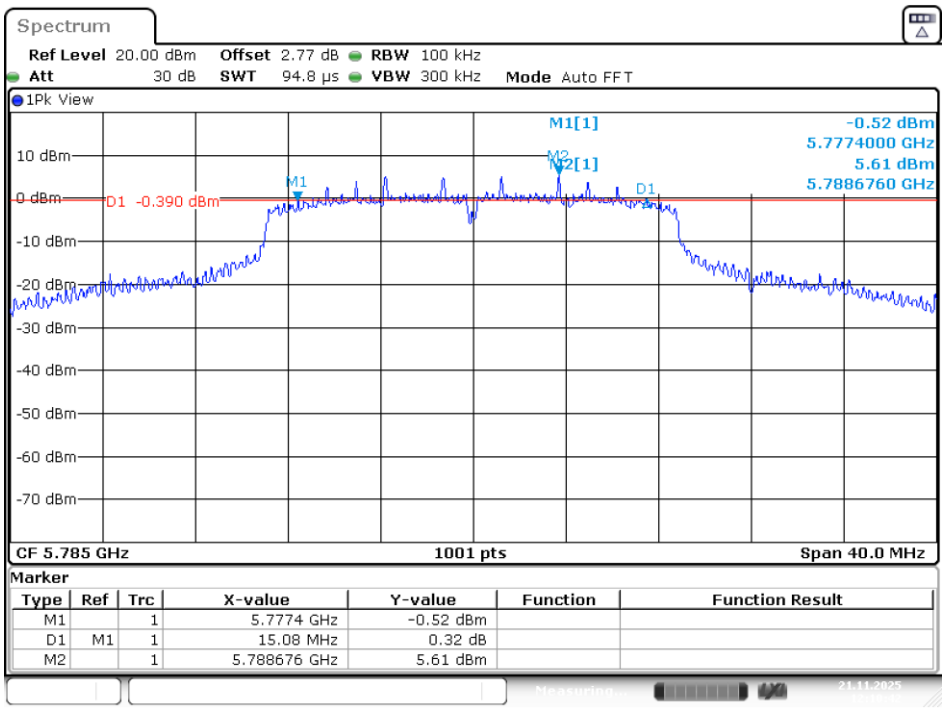
802.11 ac20 Mode / 5725 ~ 5850MHz

5745MHz



Date: 21.NOV.2025 10:18:41

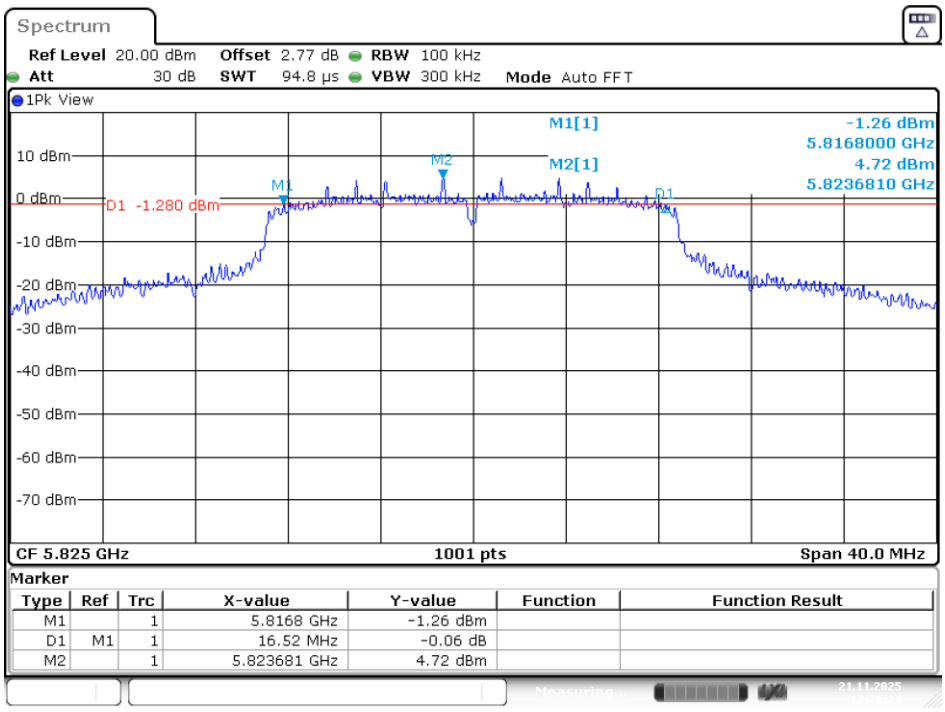
5785MHz



Date: 21.NOV.2025 12:10:43

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

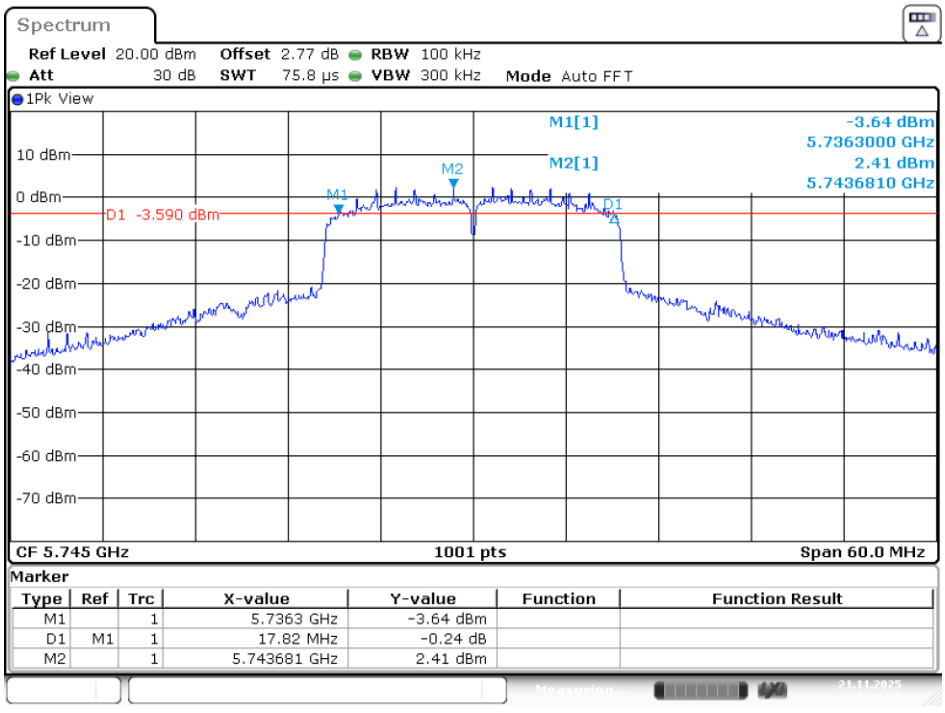
5825MHz



Date: 21.NOV.2025 12:26:25

802.11 ax20 Mode / 5725 ~ 5850MHz

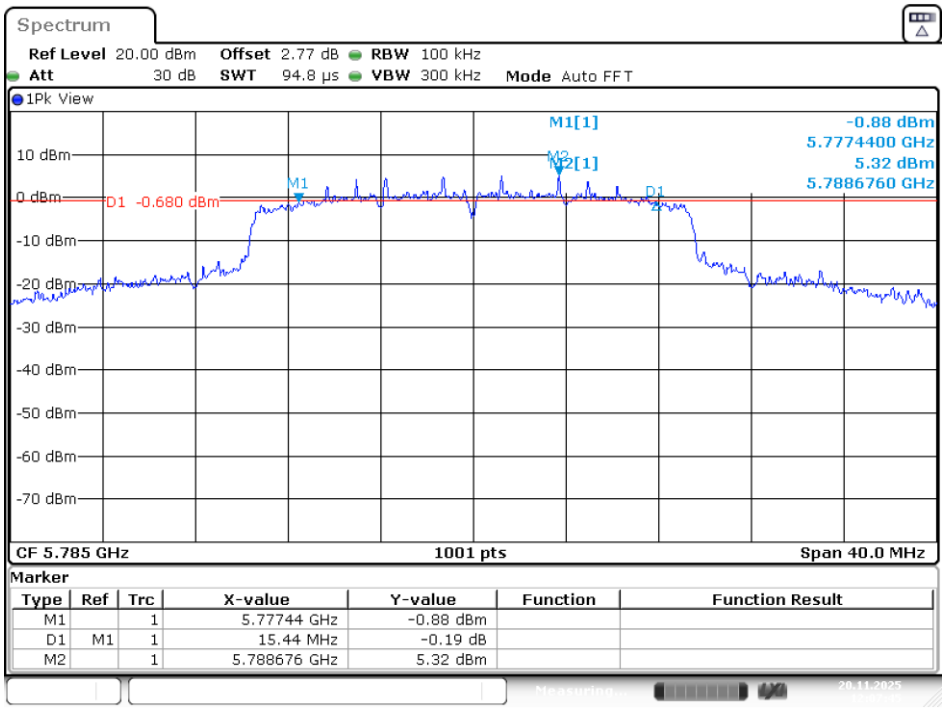
5745MHz



Date: 21.NOV.2025 10:38:20

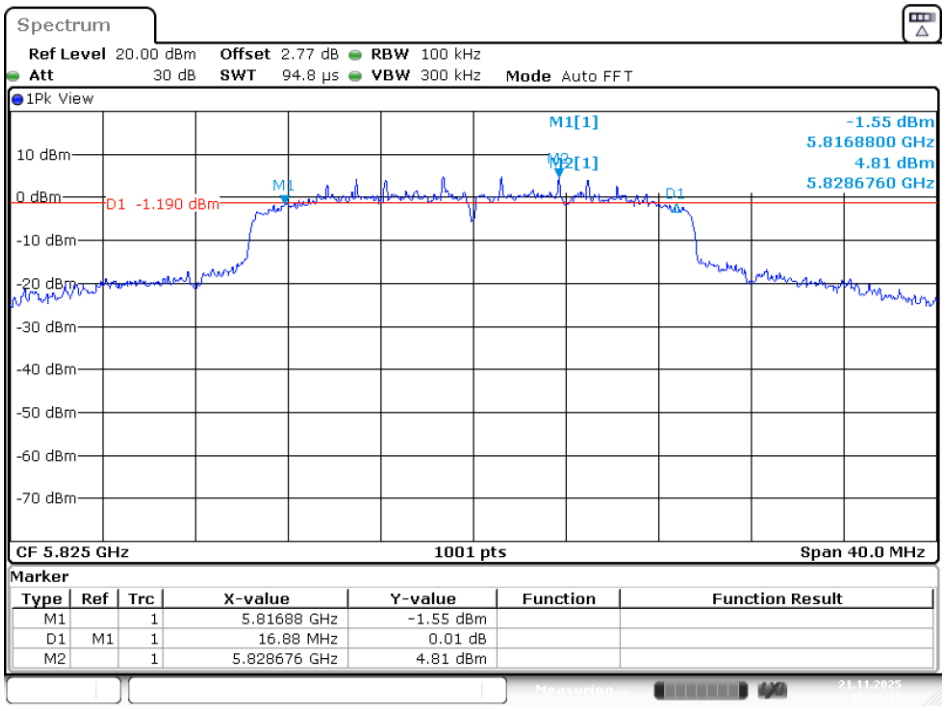
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5785MHz



Date: 20.NOV.2025 12:07:46

5825MHz



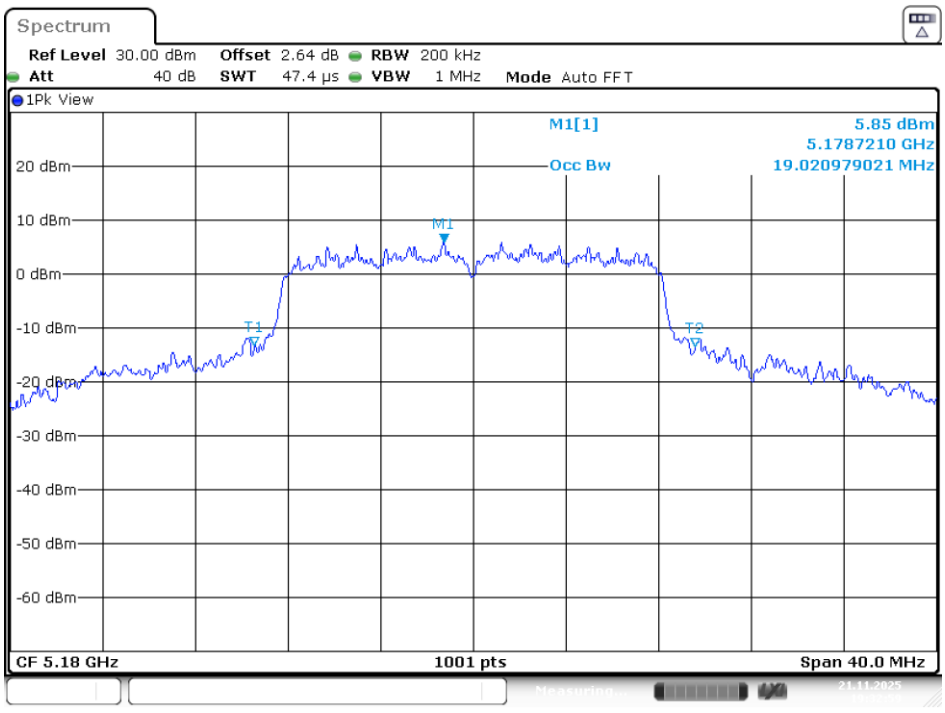
Date: 21.NOV.2025 12:29:20

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-1 Band I / OBW 99%

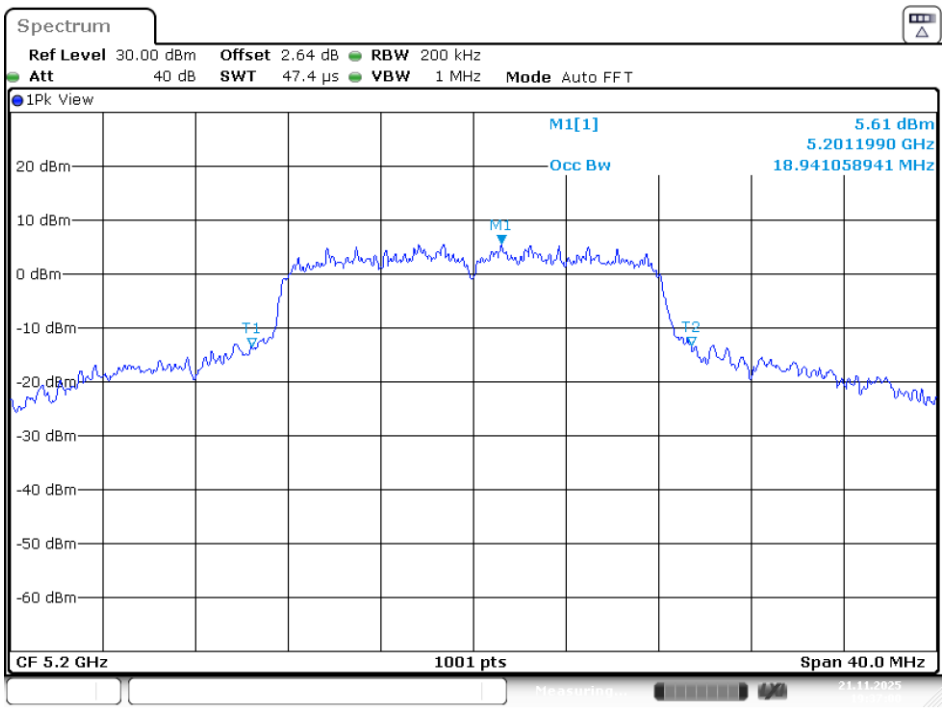
802.11a Mode / 5150 ~ 5250MHz

5180MHz



Date: 21.NOV.2025 19:32:59

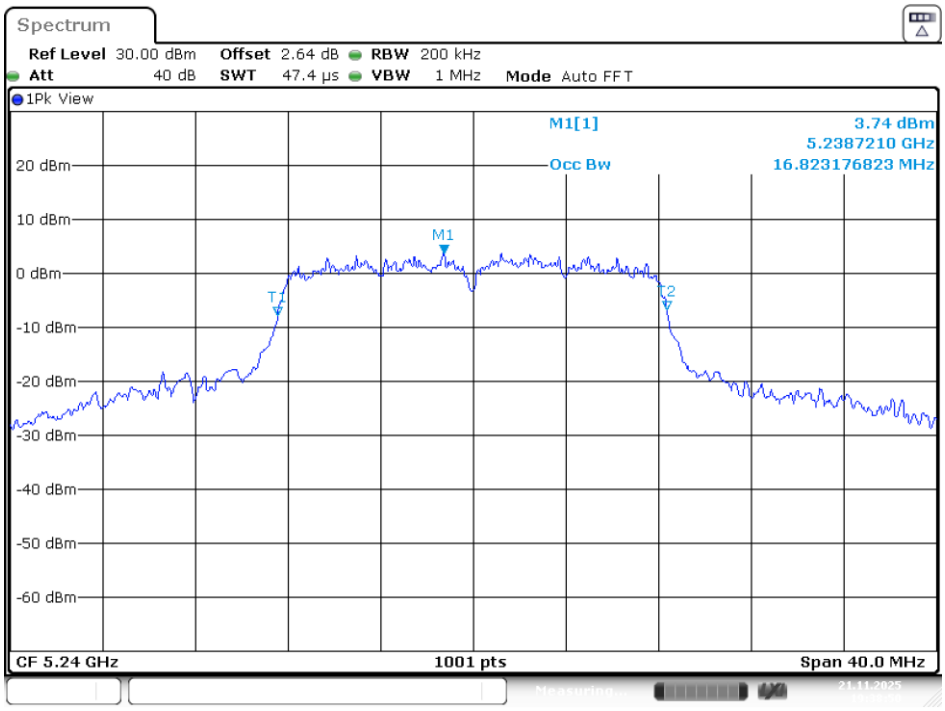
5200MHz



Date: 21.NOV.2025 19:37:00

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

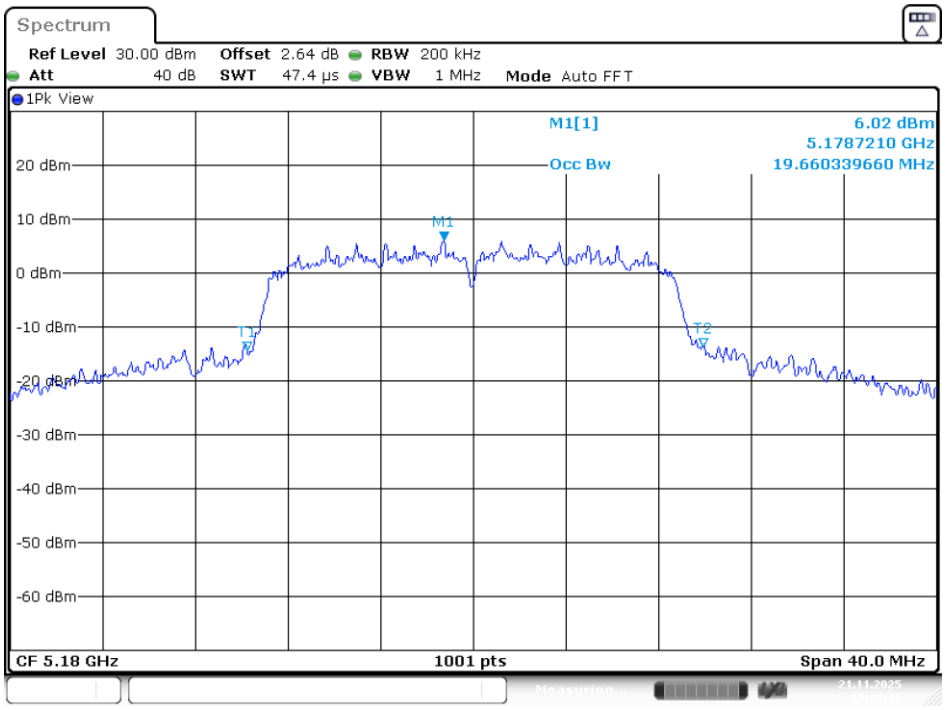
5240MHz



Date: 21.NOV.2025 19:38:51

802.11 n20 Mode / 5150 ~ 5250MHz

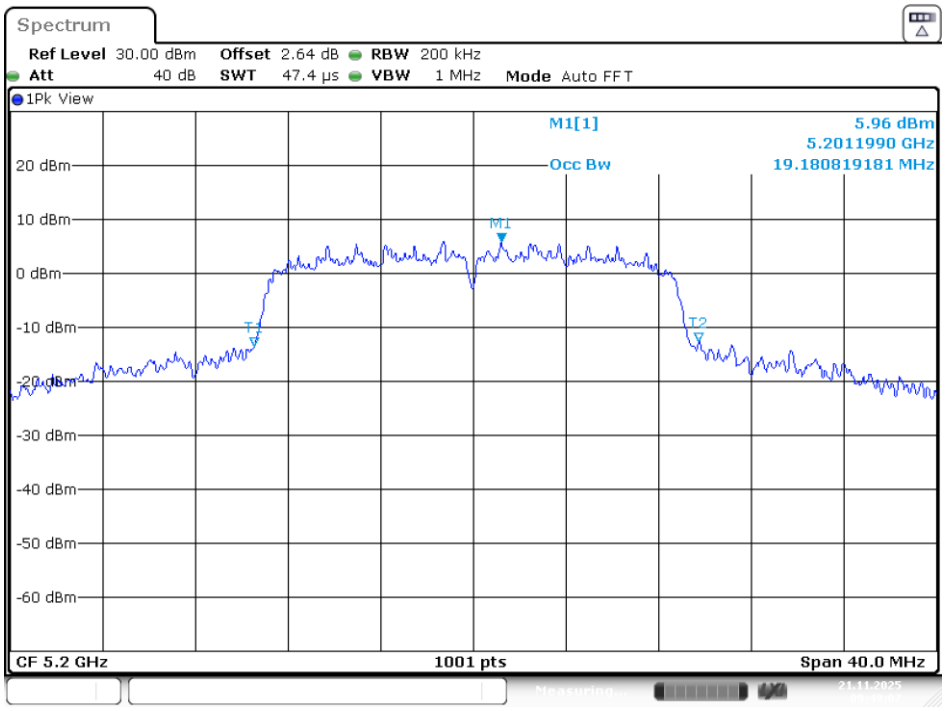
5180MHz



Date: 21.NOV.2025 09:44:16

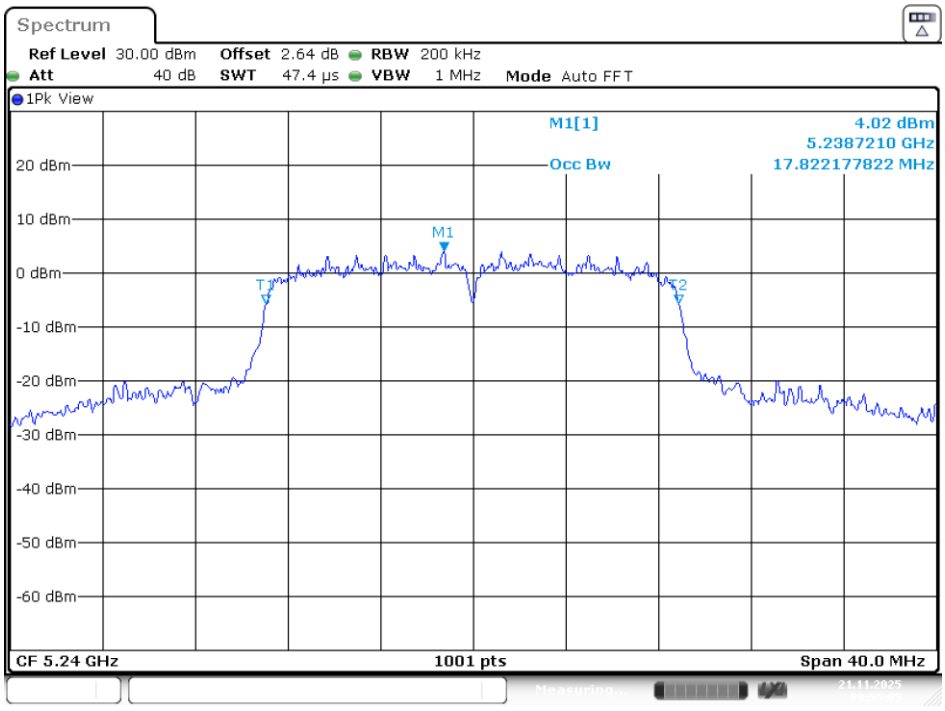
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5200MHz



Date: 21.NOV.2025 09:49:07

5240MHz

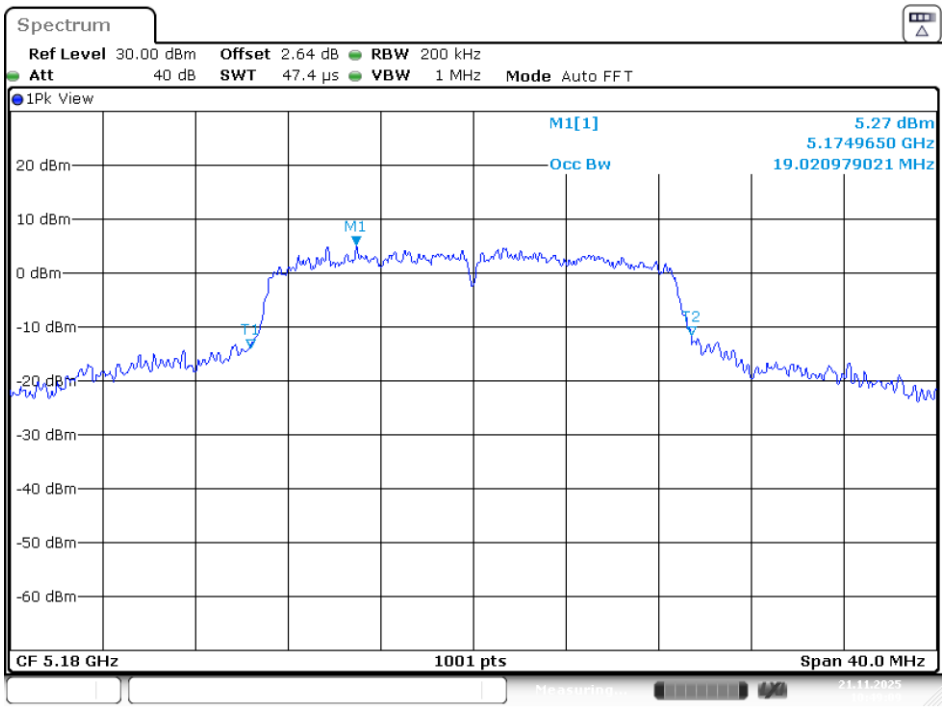


Date: 21.NOV.2025 09:55:05

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

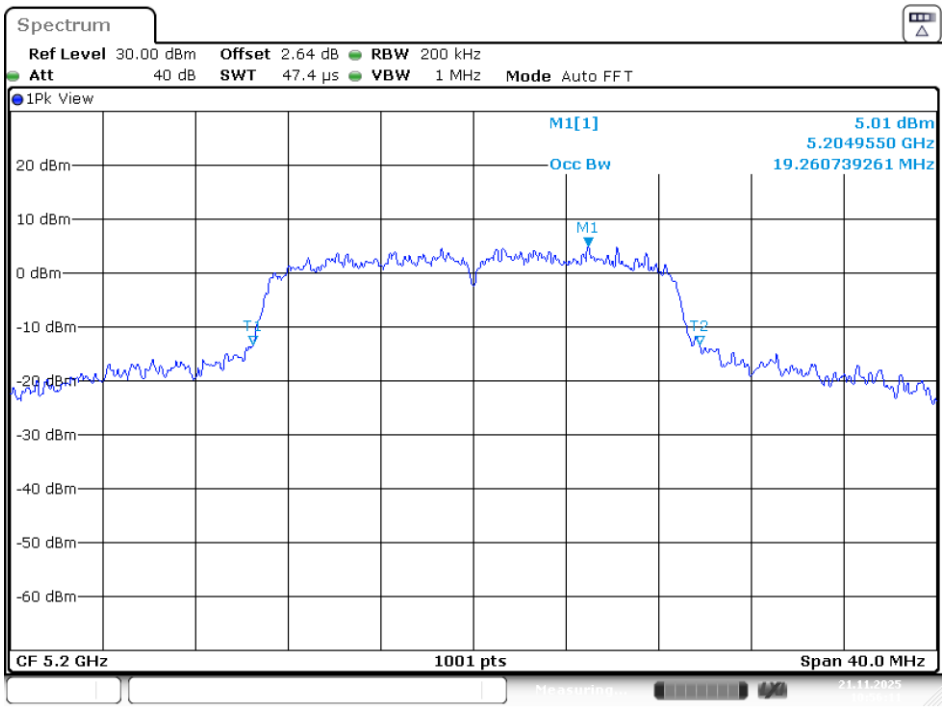
802.11 ac20 Mode / 5150 ~ 5250MHz

5180MHz



Date: 21.NOV.2025 10:49:09

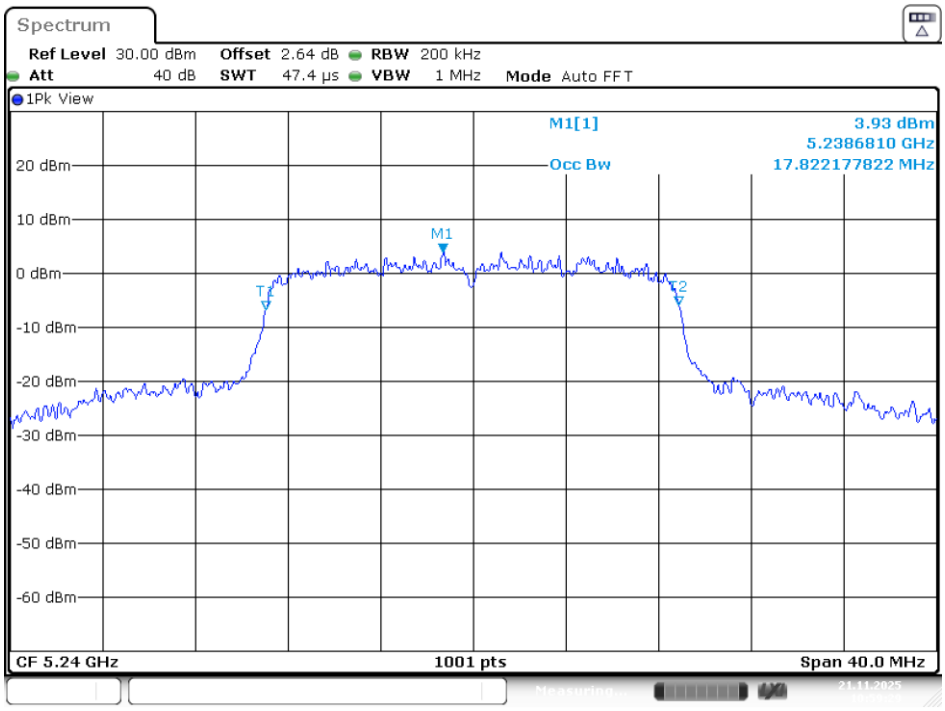
5200MHz



Date: 21.NOV.2025 10:56:11

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

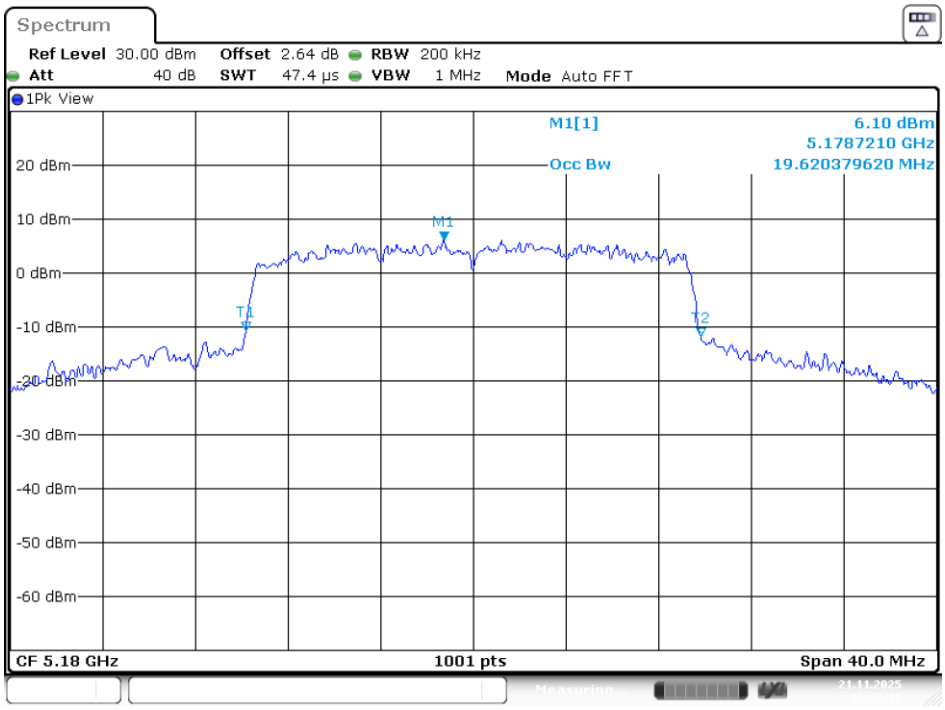
5240MHz



Date: 21.NOV.2025 10:59:30

802.11 ax20 Mode / 5150 ~ 5250MHz

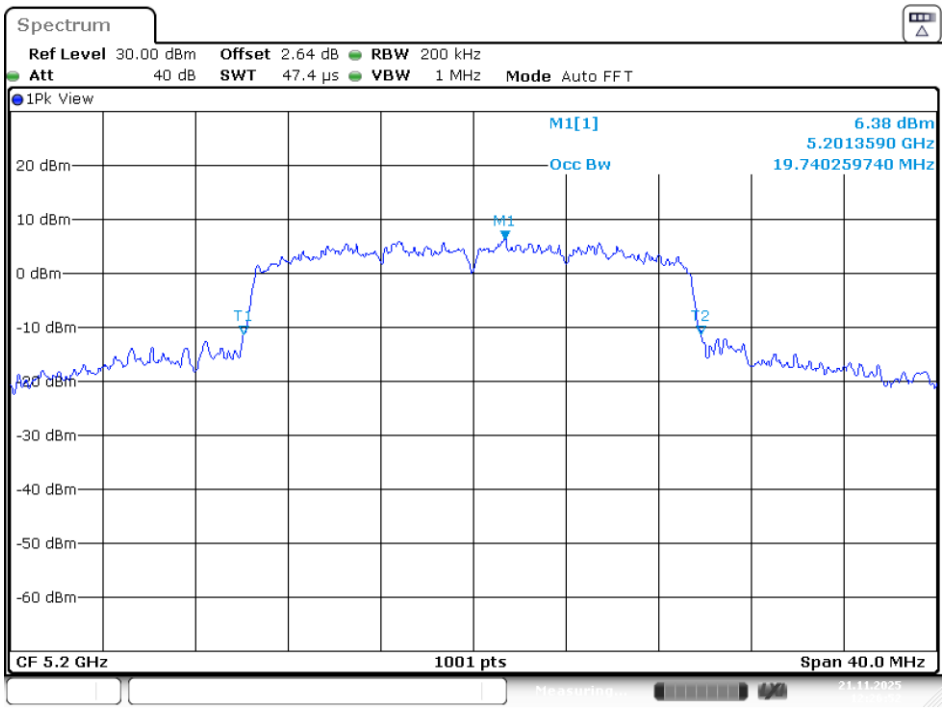
5180MHz



Date: 21.NOV.2025 12:22:18

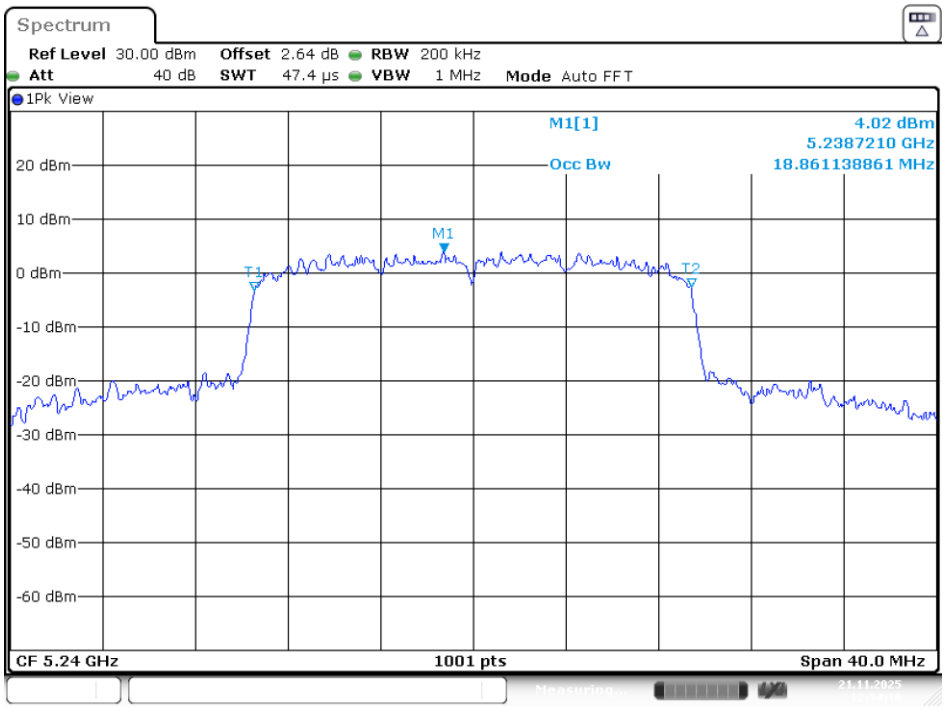
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5200MHz



Date: 21.NOV.2025 12:26:52

5240MHz



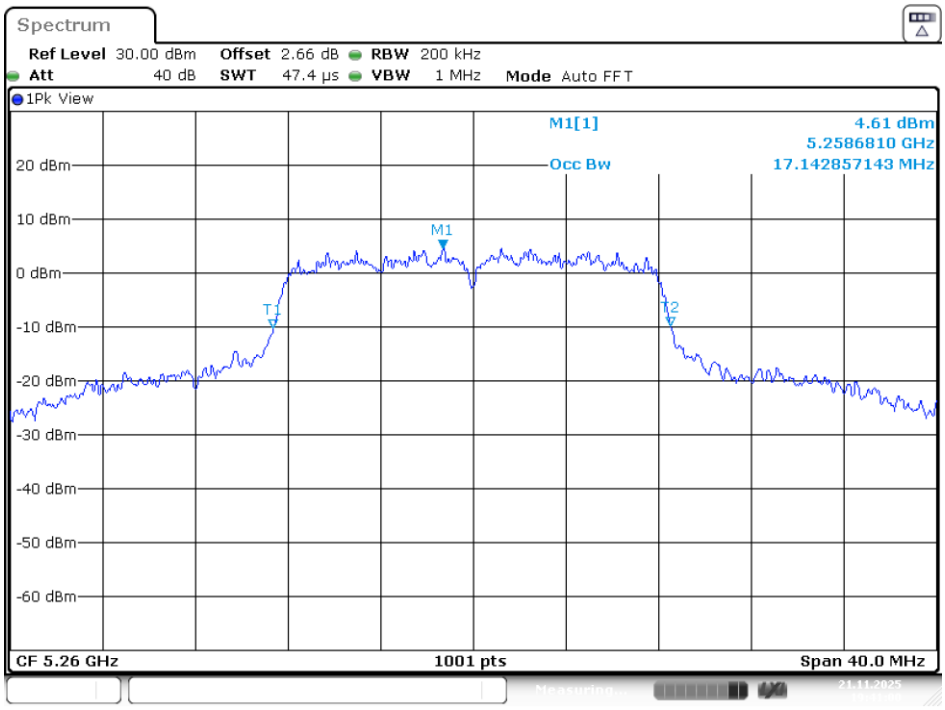
Date: 21.NOV.2025 12:34:17

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2A Band II / OBW 99%

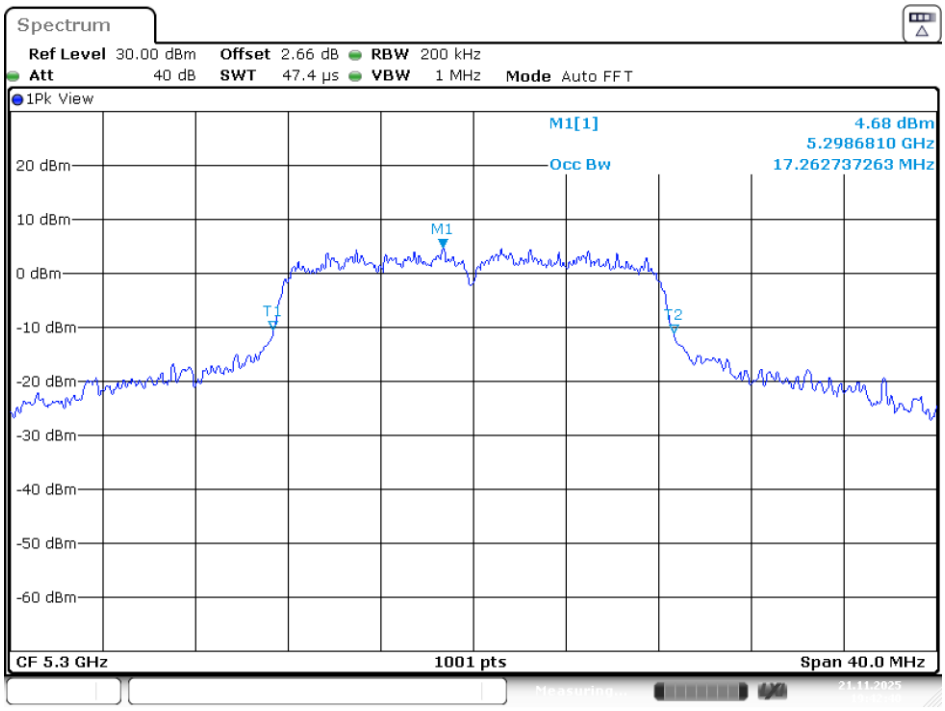
802.11a Mode / 5250 ~ 5350MHz

5260MHz



Date: 21.NOV.2025 19:41:00

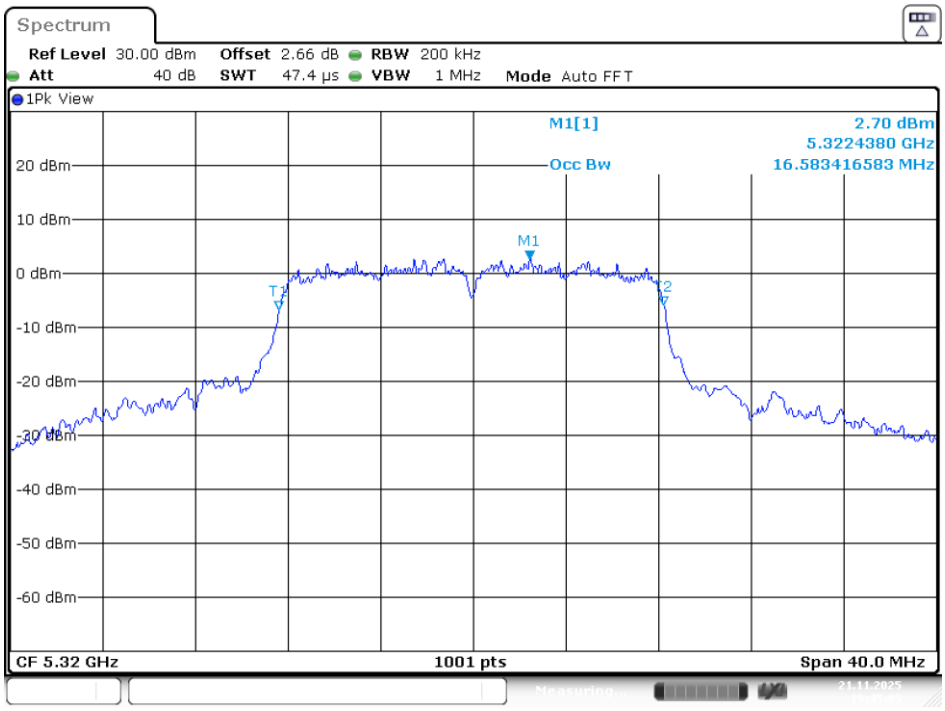
5300MHz



Date: 21.NOV.2025 19:42:41

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

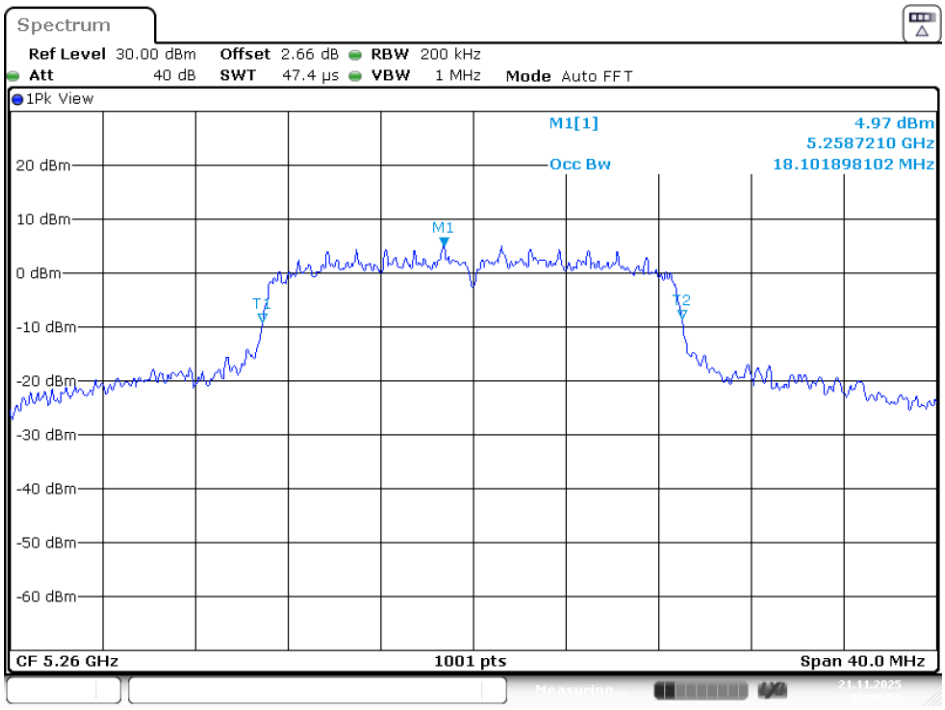
5320MHz



Date: 21.NOV.2025 19:45:05

802.11 n20 Mode / 5250 ~ 5350MHz

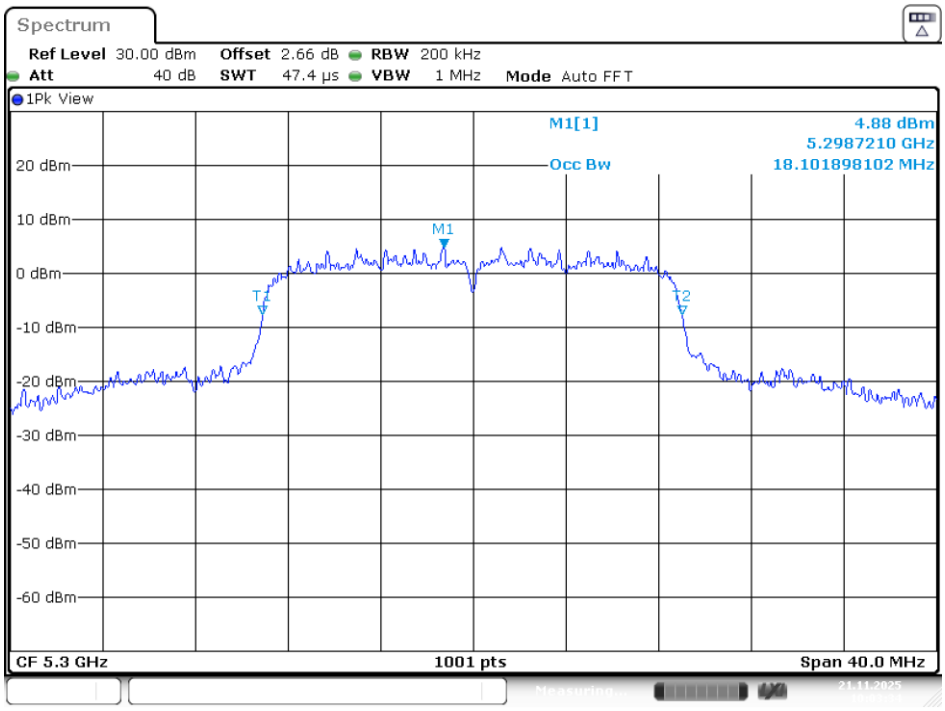
5260MHz



Date: 21.NOV.2025 10:00:55

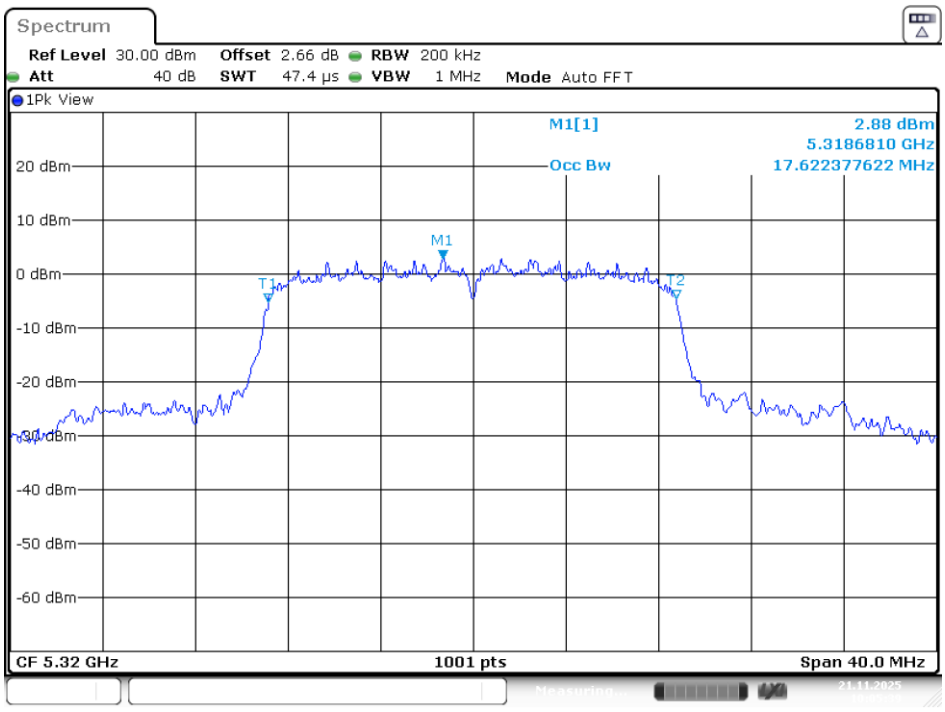
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5300MHz



Date: 21.NOV.2025 10:03:34

5320MHz

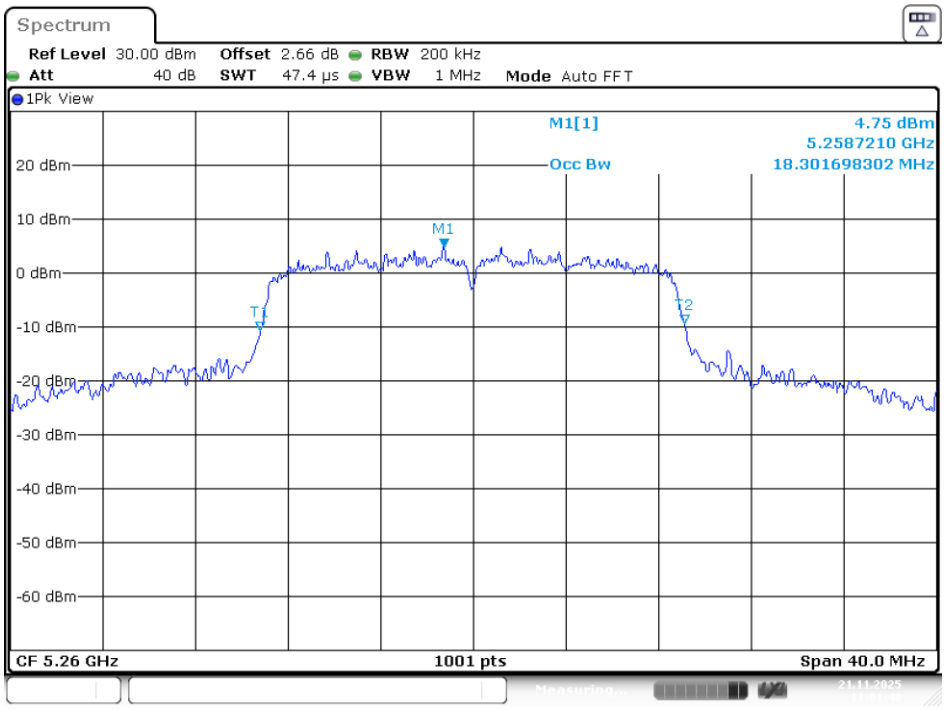


Date: 21.NOV.2025 10:05:39

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

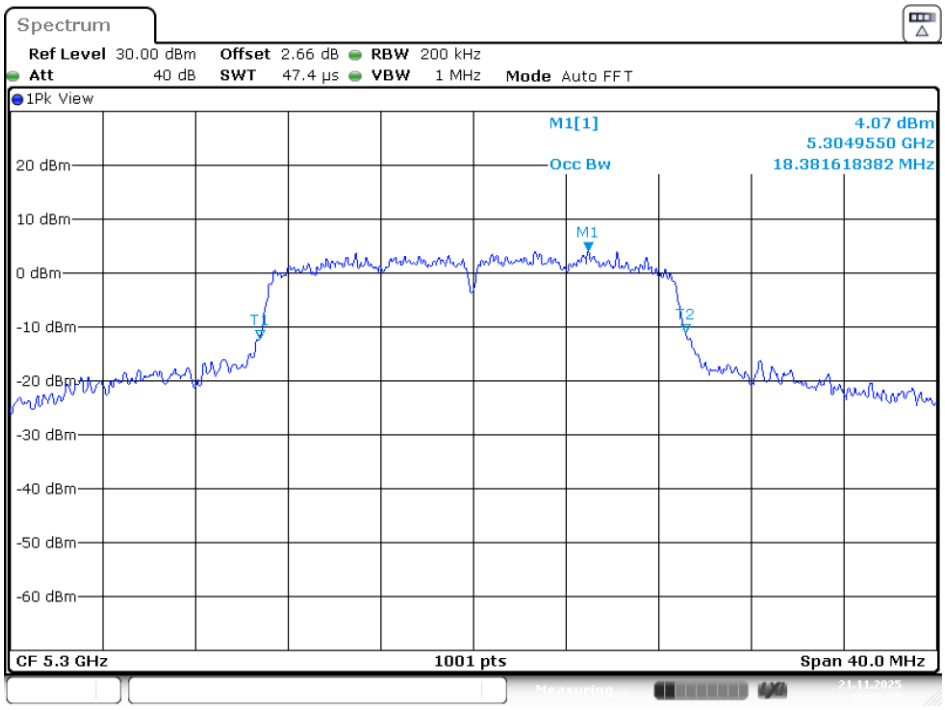
802.11 ac20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 21.NOV.2025 11:01:48

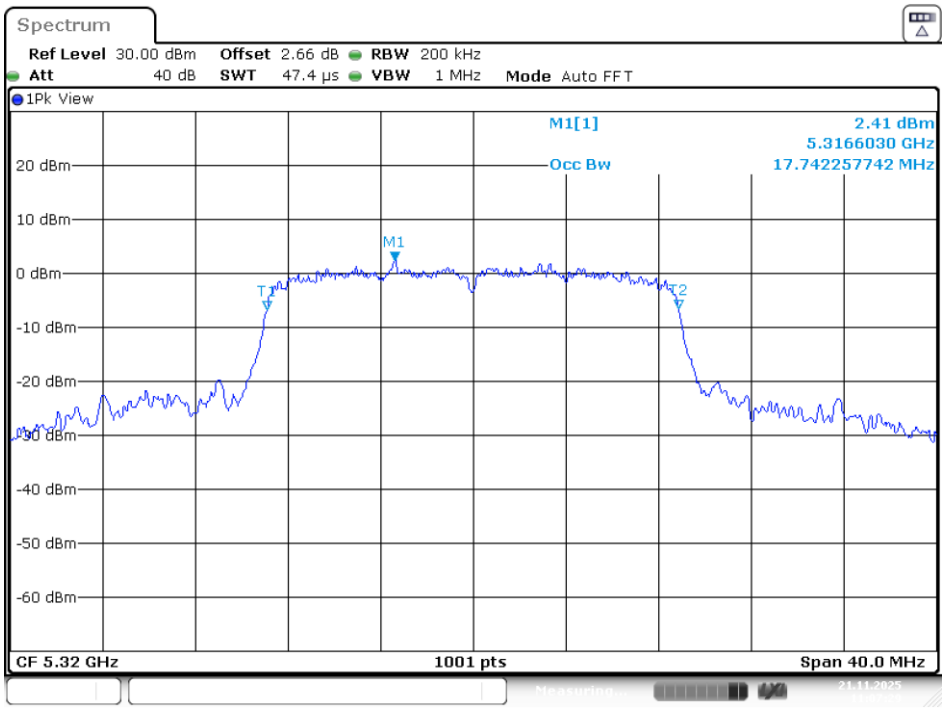
5300MHz



Date: 21.NOV.2025 11:03:27

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

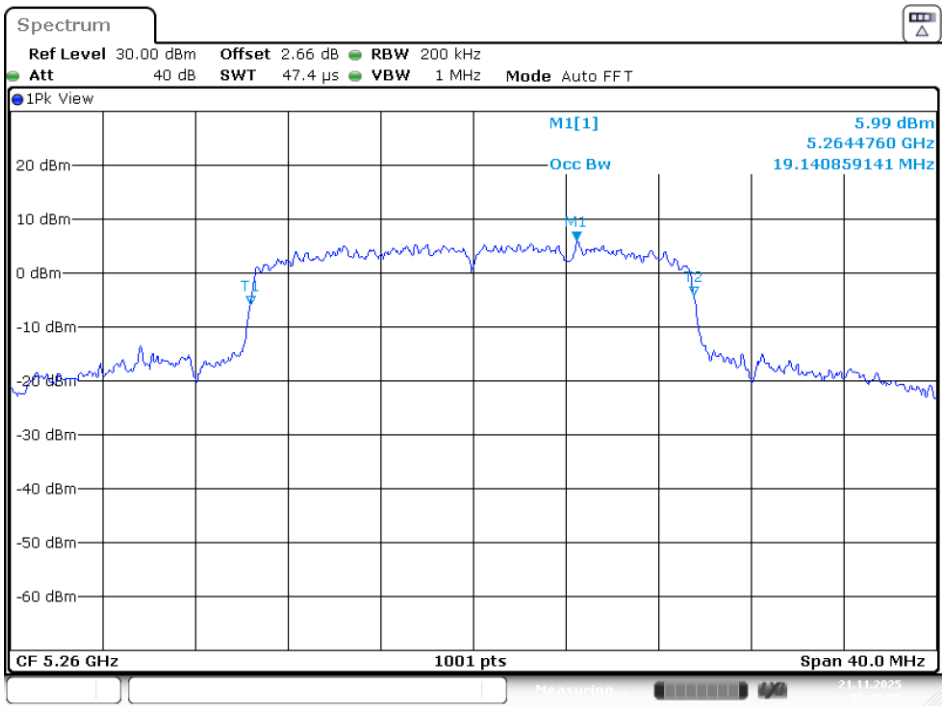
5320MHz



Date: 21.NOV.2025 11:07:30

802.11 ax20 Mode / 5250 ~ 5350MHz

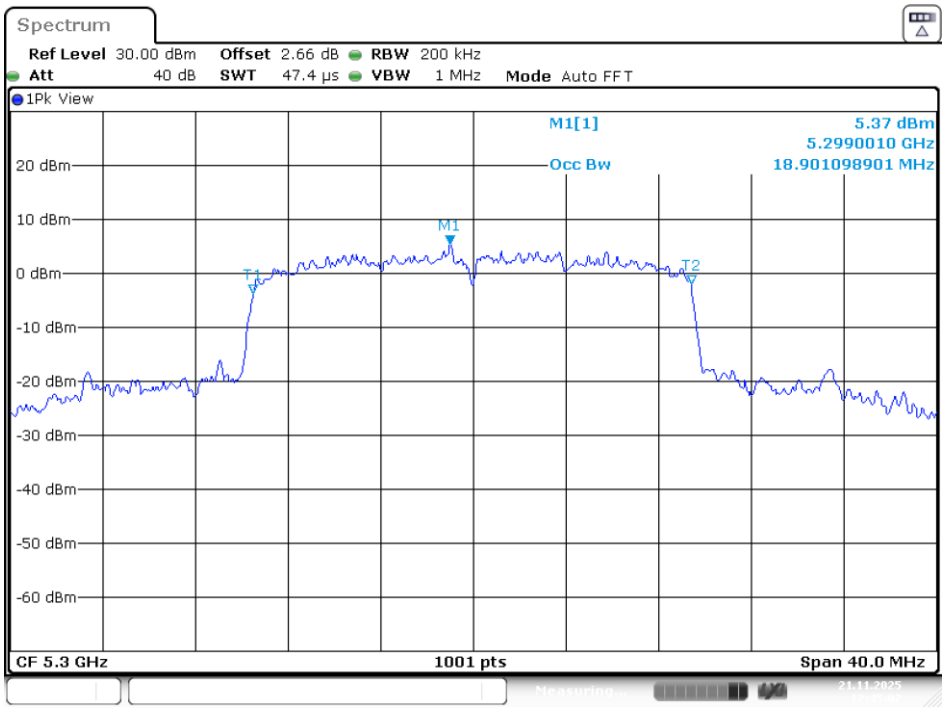
5260MHz



Date: 21.NOV.2025 12:42:25

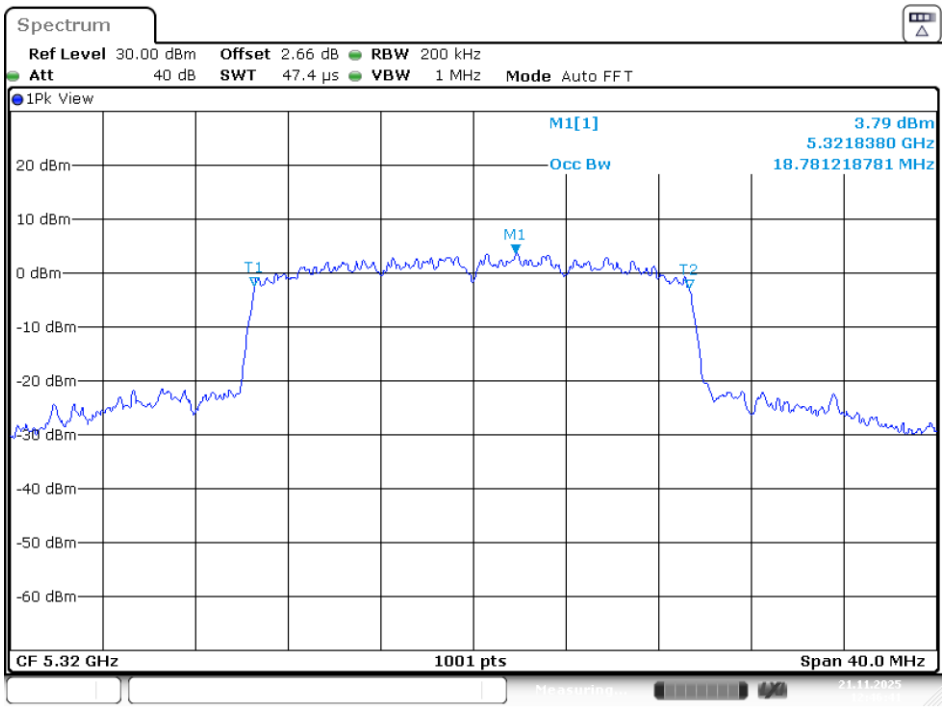
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5300MHz



Date: 21.NOV.2025 12:45:03

5320MHz



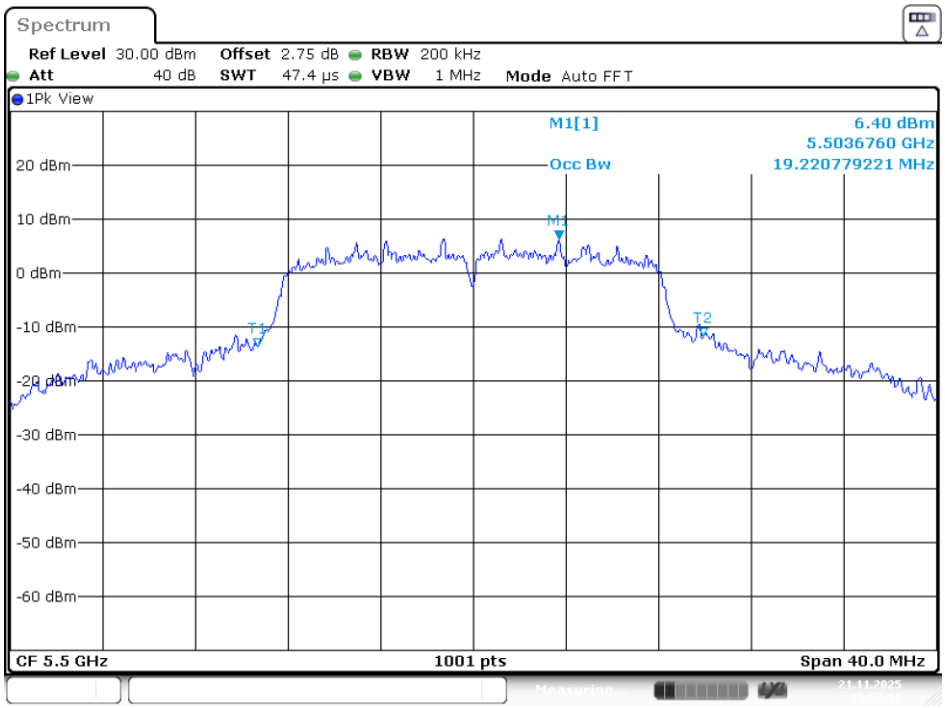
Date: 21.NOV.2025 12:46:42

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2C Band III / OBW 99%

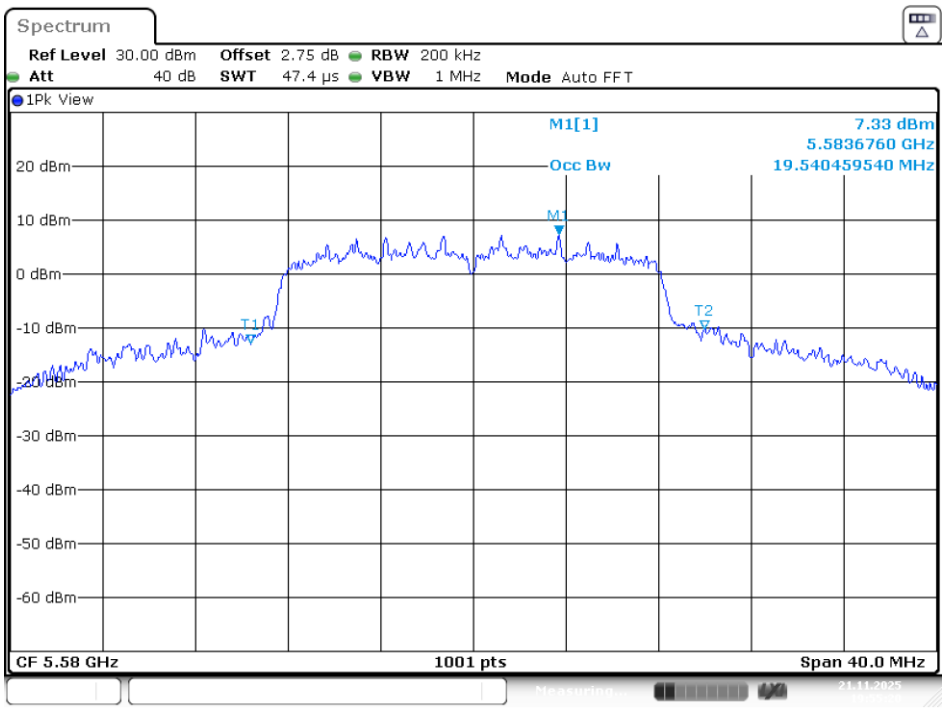
802.11a Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 19:57:11

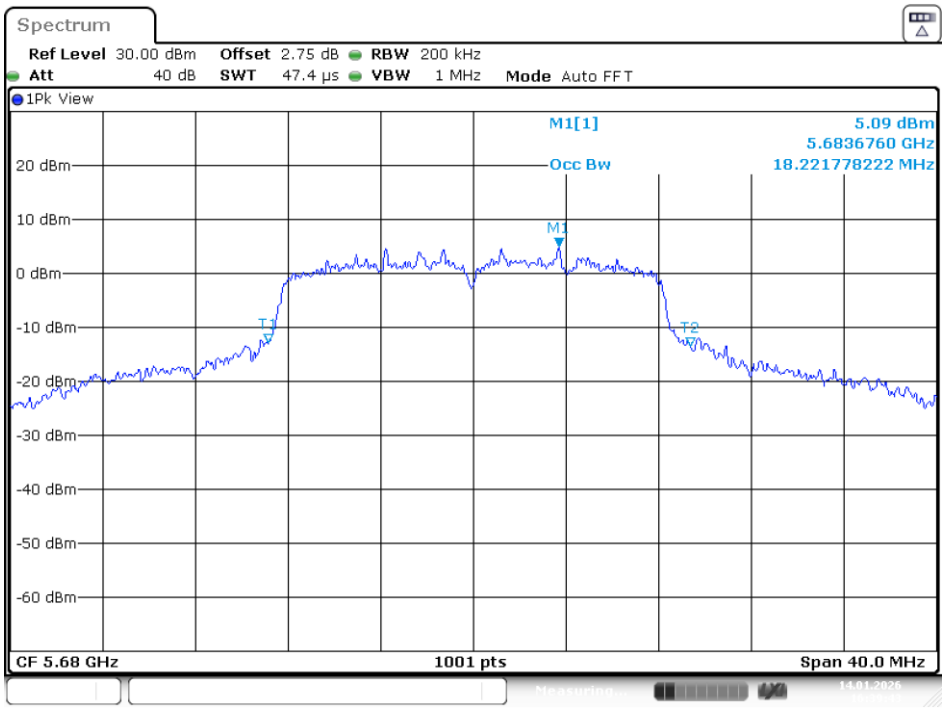
5580MHz



Date: 21.NOV.2025 19:55:20

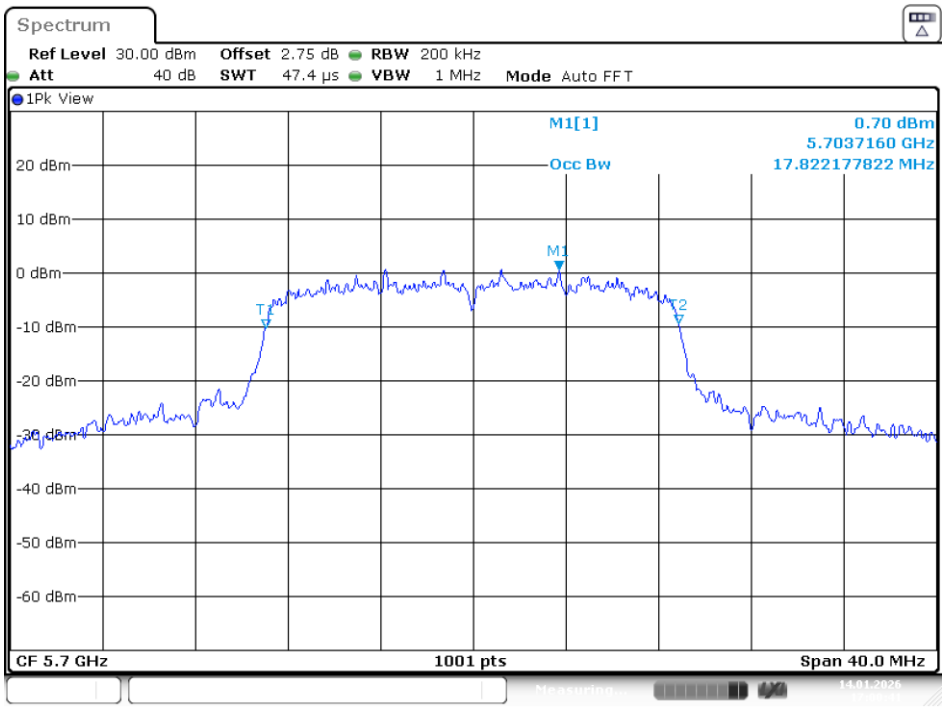
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:39:43

5700MHz

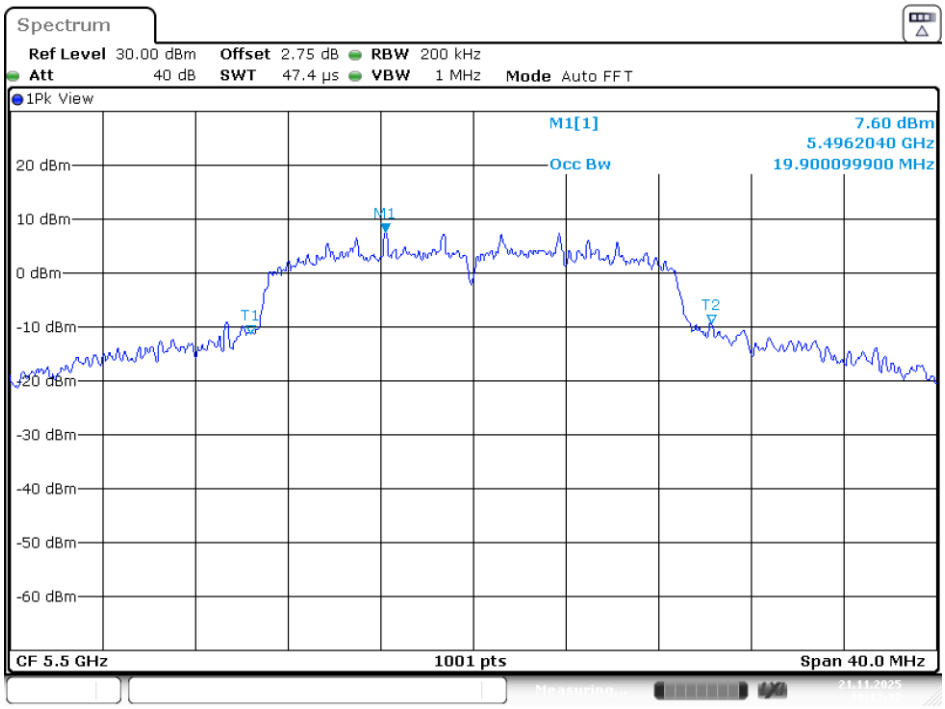


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Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

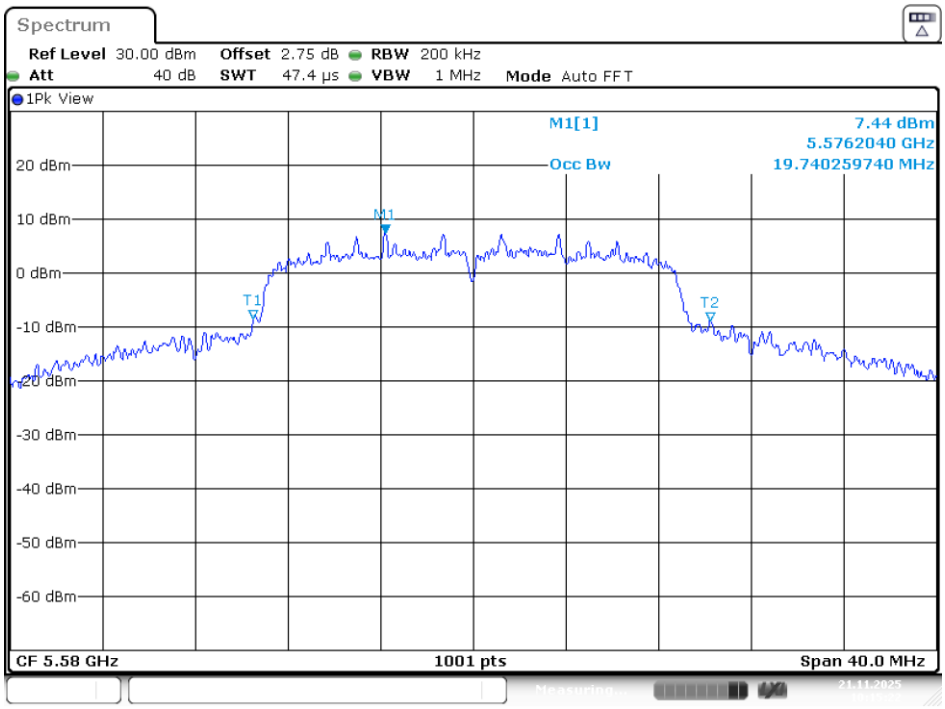
802.11 n20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 10:12:32

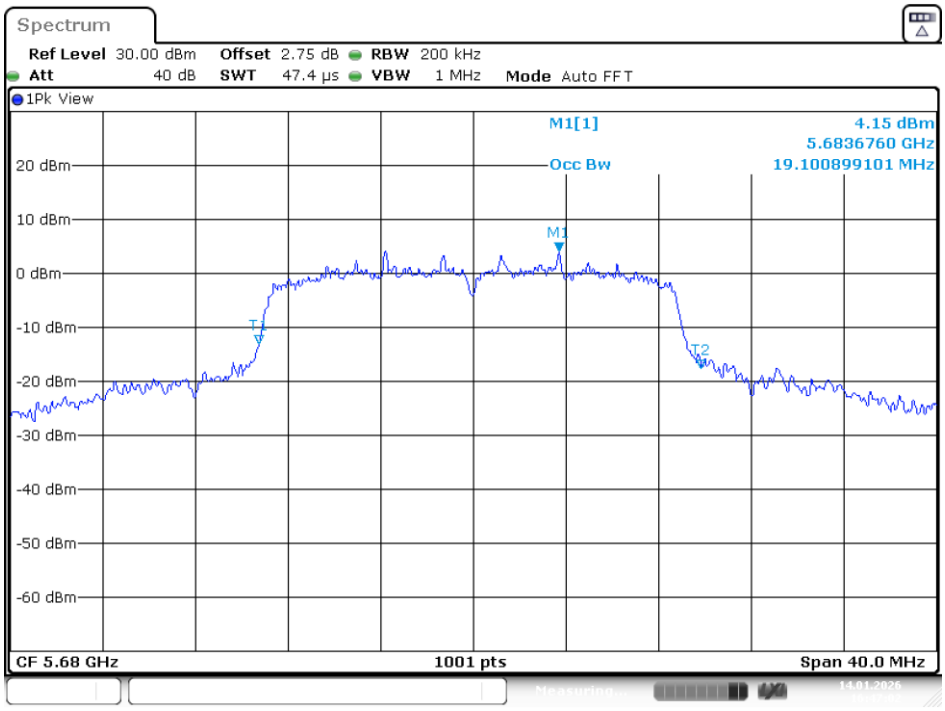
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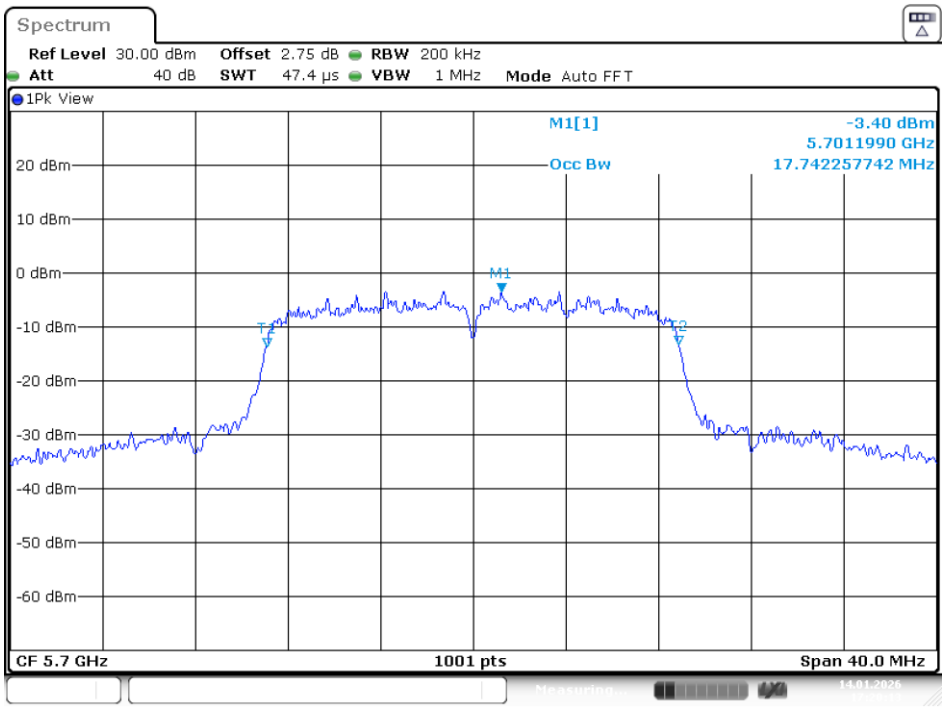
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:47:02

5700MHz

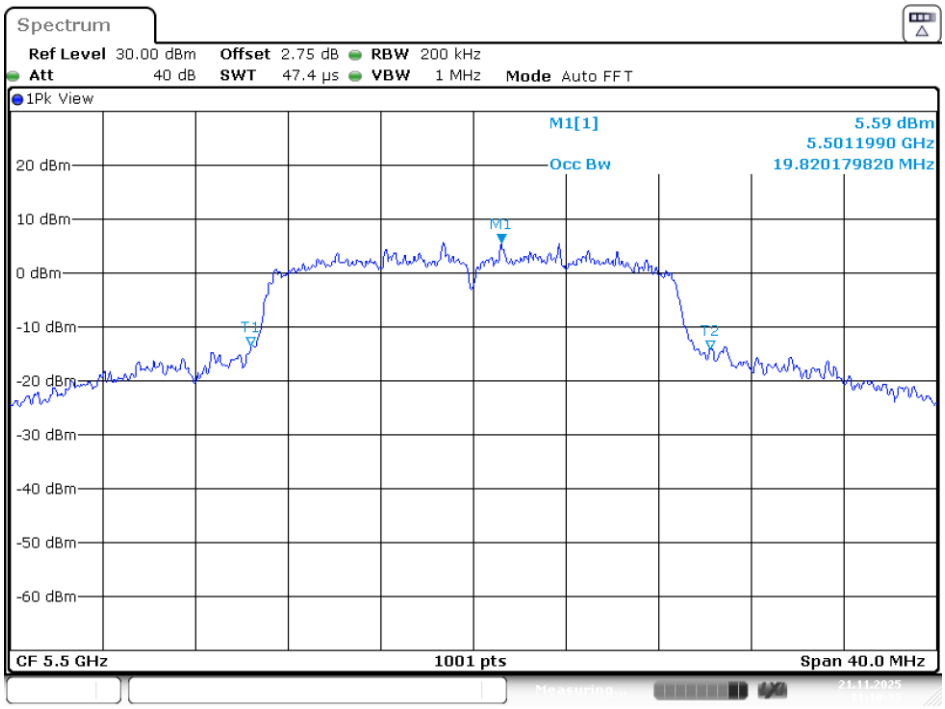


Date: 14.JAN.2026 17:20:14

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

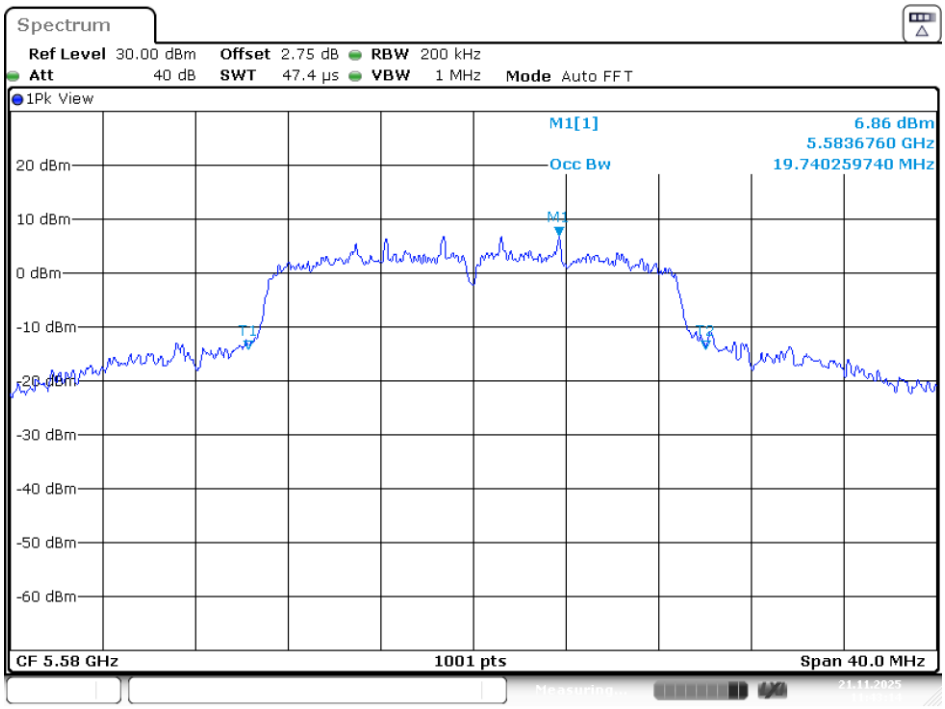
802.11 ac20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 11:10:35

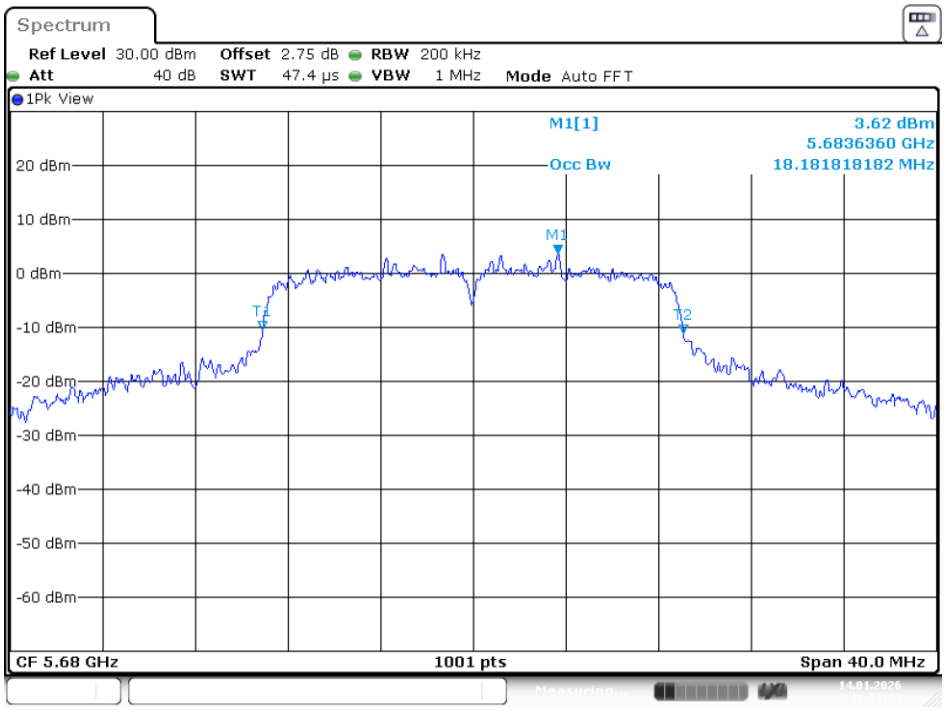
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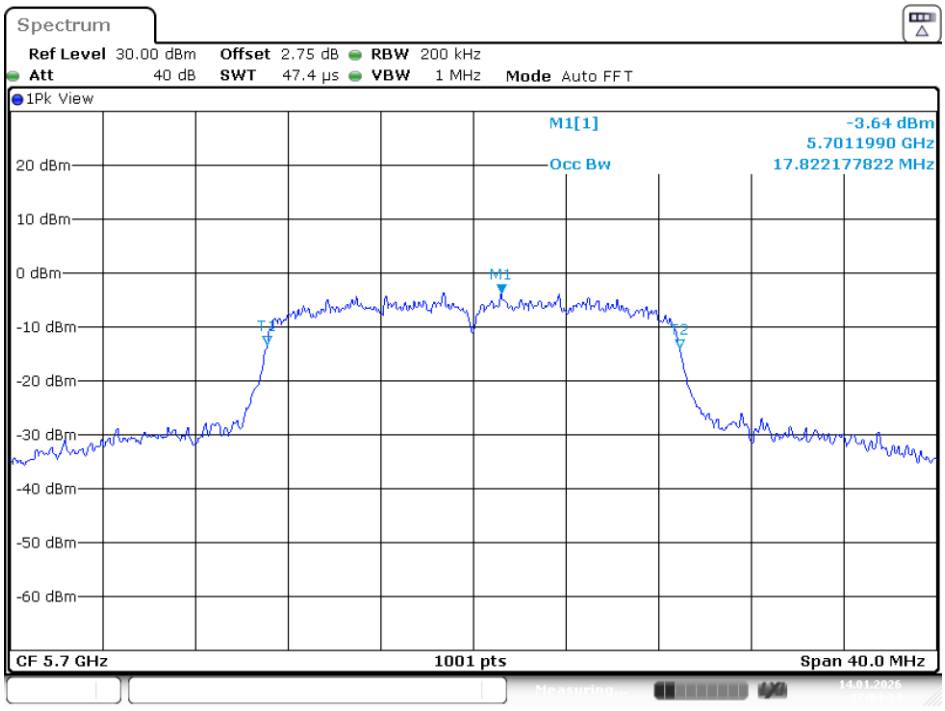
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:53:23

5700MHz

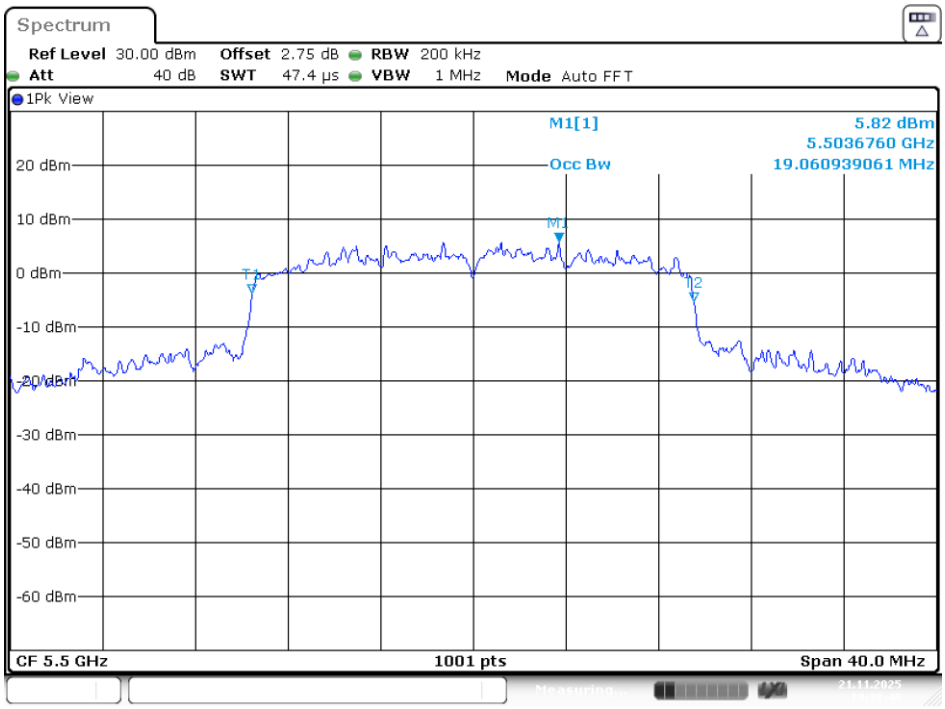


Date: 14.JAN.2026 17:04:34

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

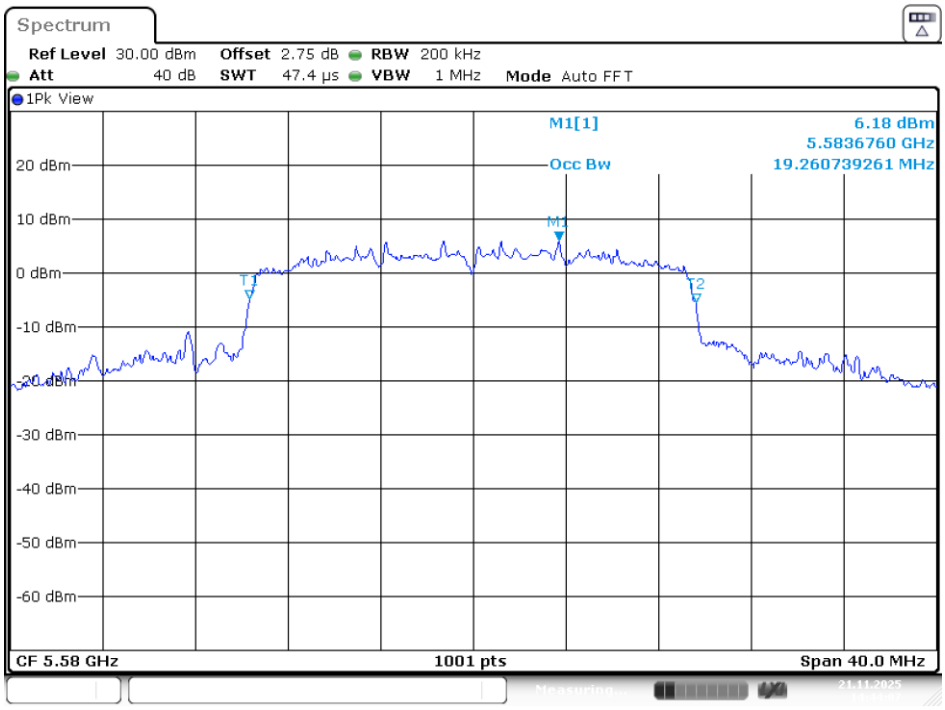
802.11 ax20 Mode / 5470 ~ 5725MHz

5500MHz



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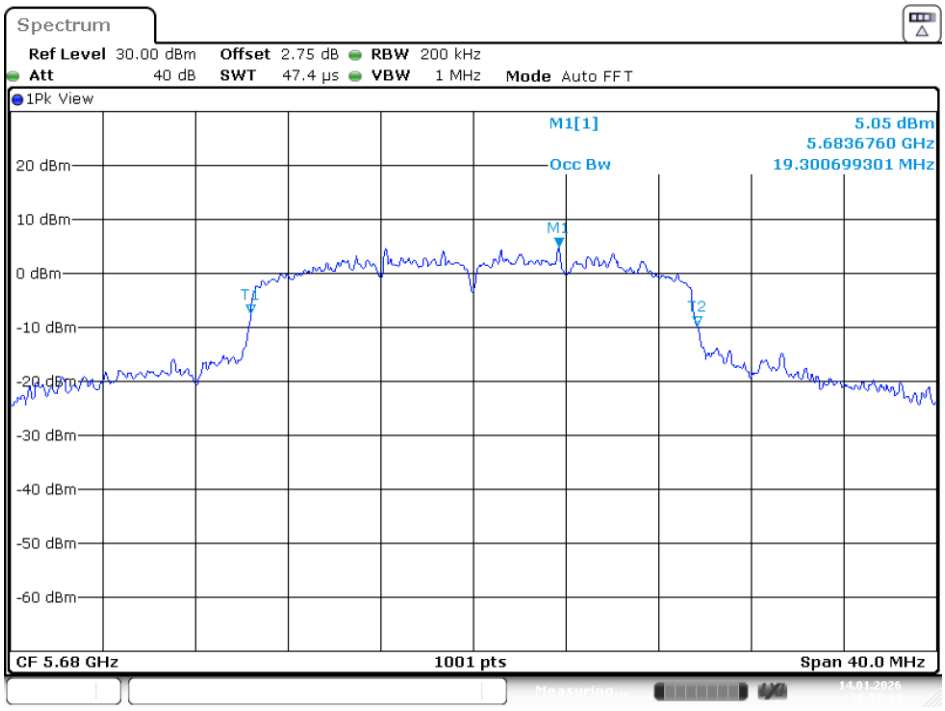
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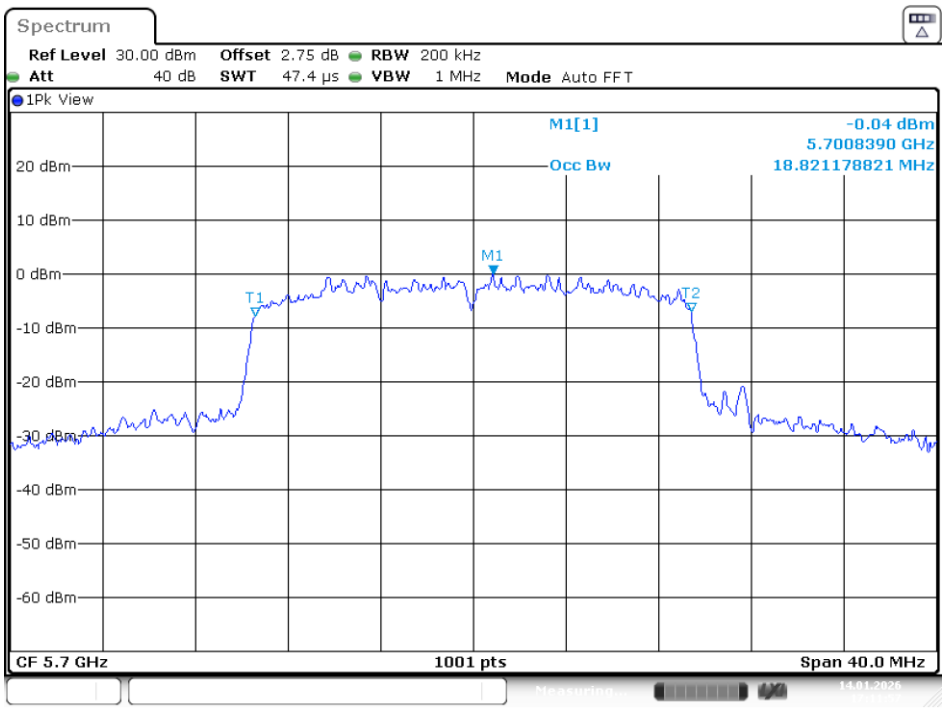
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:57:45

5700MHz



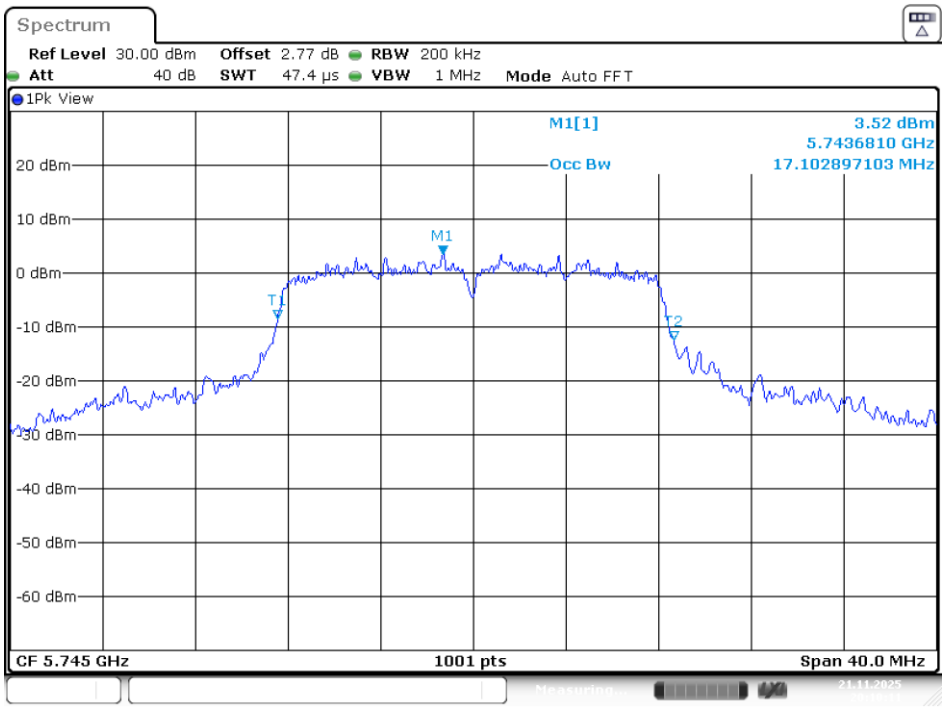
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Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-3 Band IV / OBW 99%

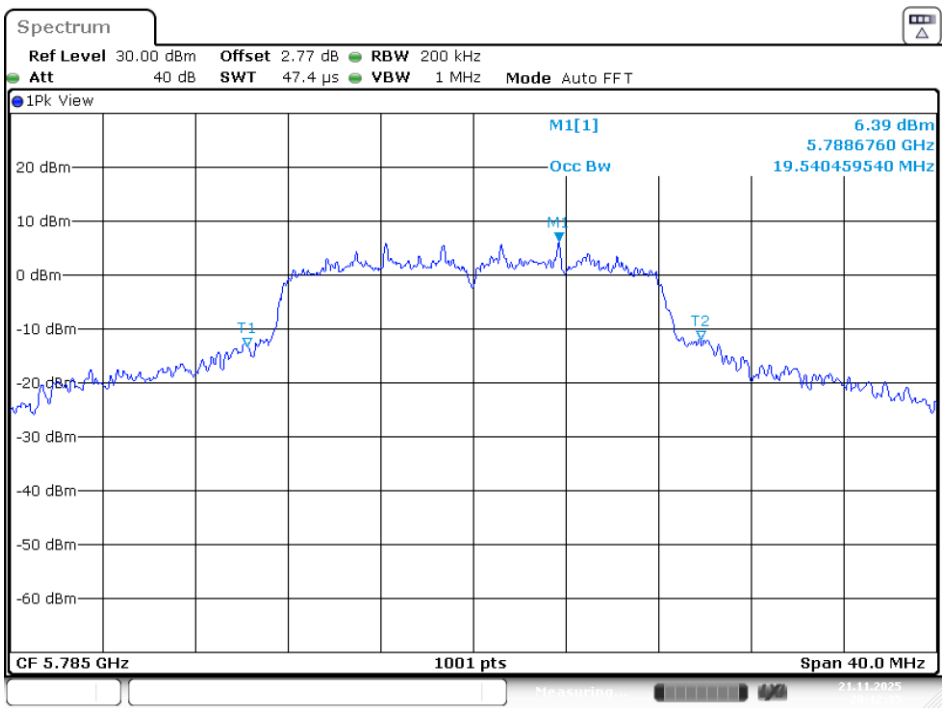
802.11a Mode / 5725 ~ 5850MHz

5745MHz



Date: 21.NOV.2025 20:10:11

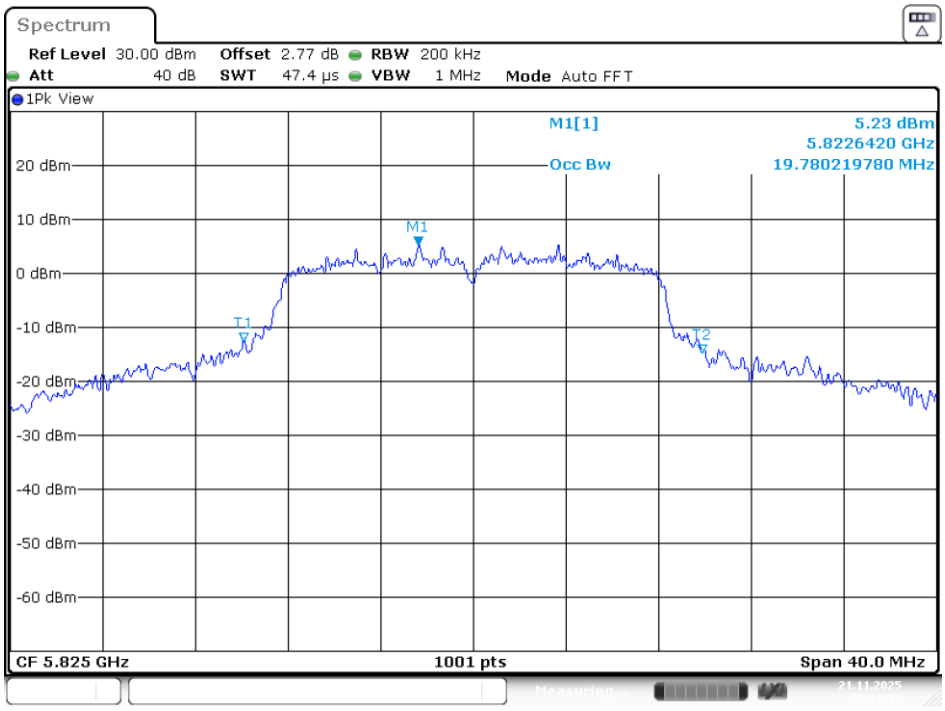
5785MHz



Date: 21.NOV.2025 20:12:35

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

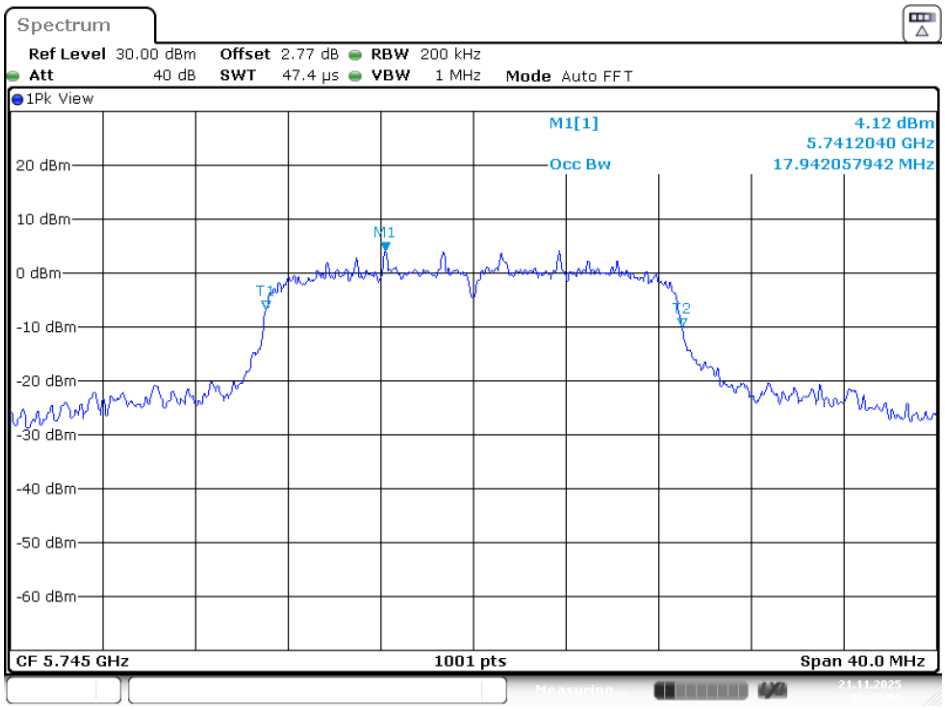
5825MHz



Date: 21.NOV.2025 20:14:15

802.11 n20 Mode / 5725 ~ 5850MHz

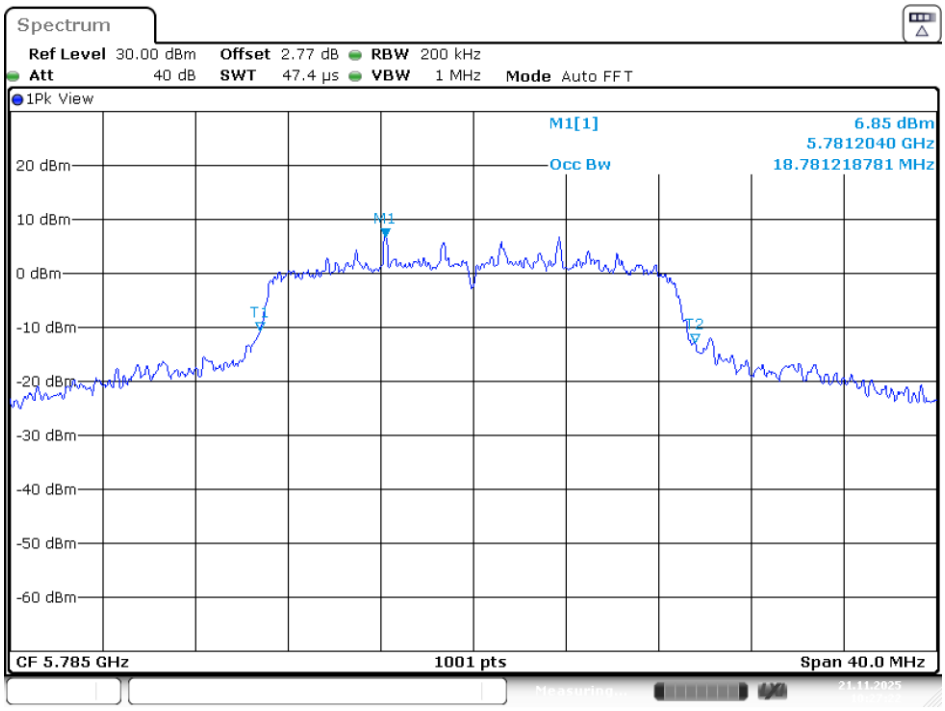
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Date: 21.NOV.2025 10:22:02

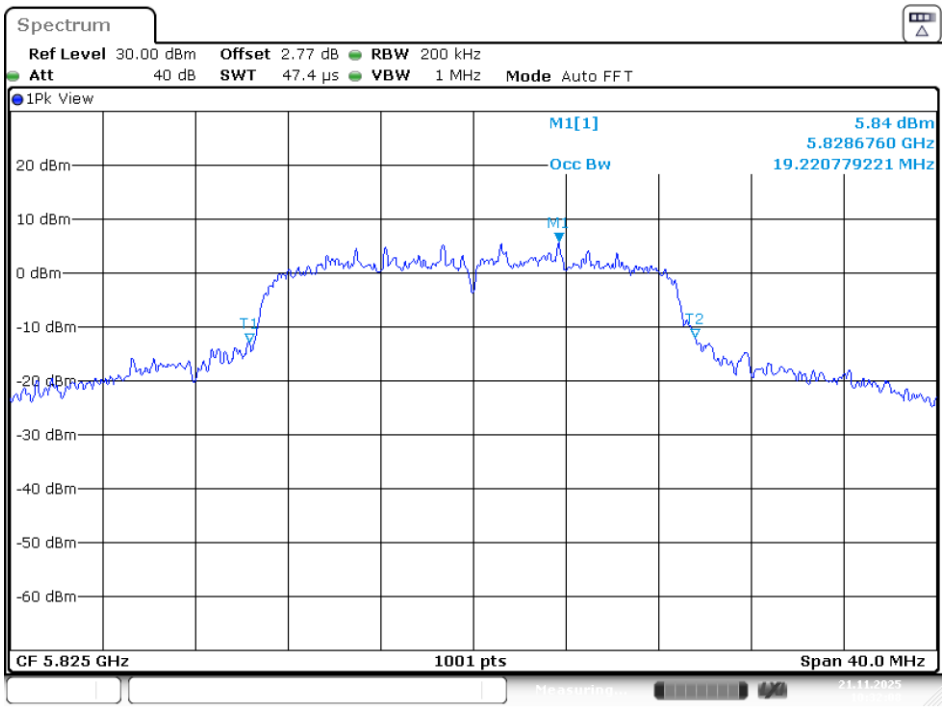
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5785MHz



Date: 21.NOV.2025 10:27:22

5825MHz

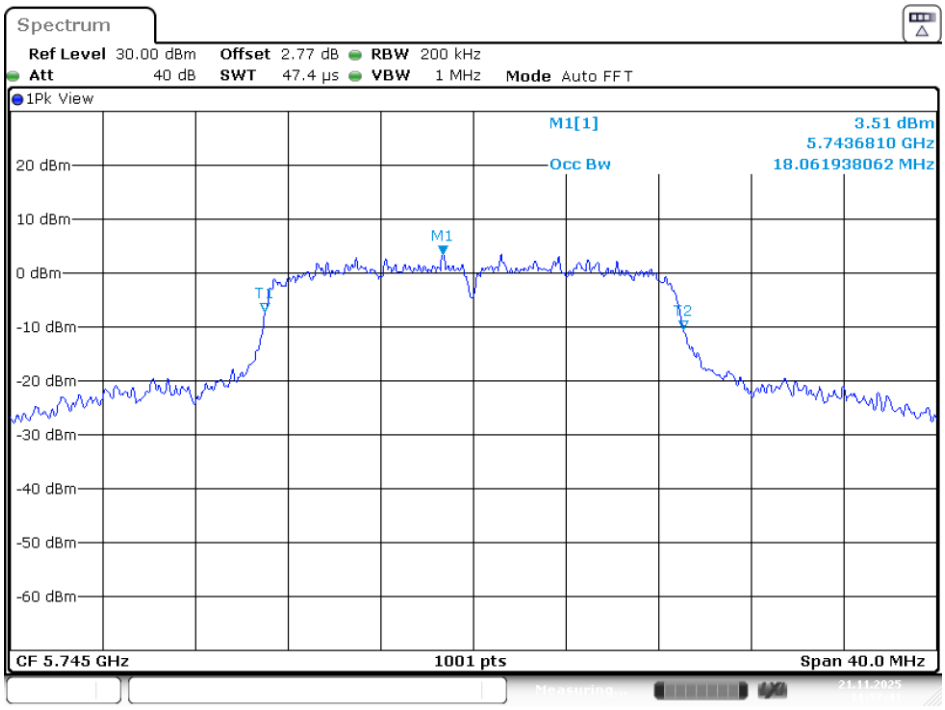


Date: 21.NOV.2025 10:32:08

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

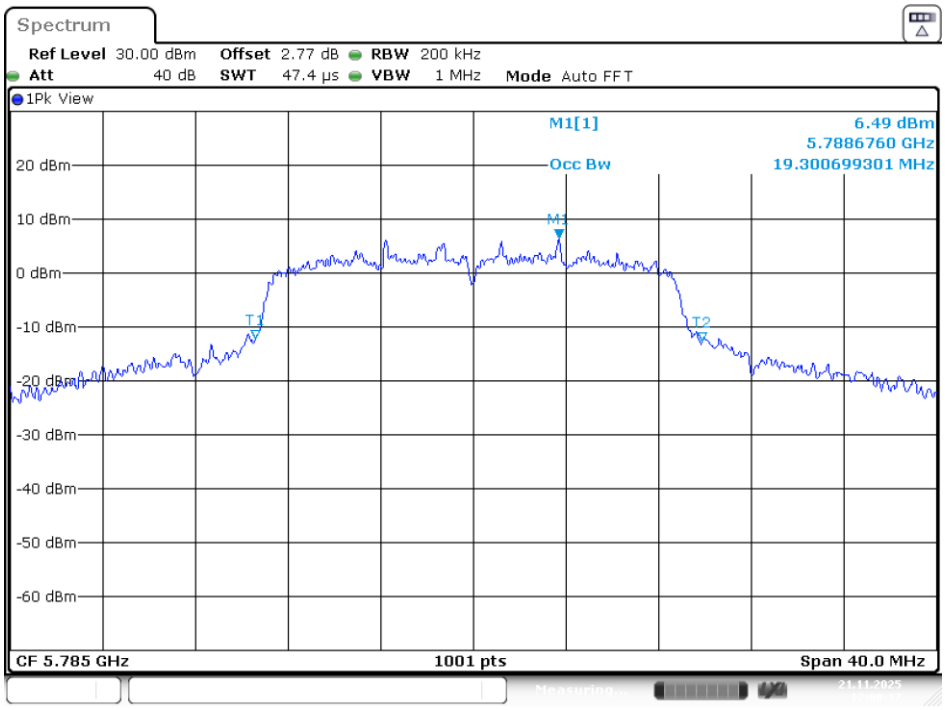
802.11 ac20 Mode / 5725 ~ 5850MHz

5745MHz



Date: 21.NOV.2025 11:57:41

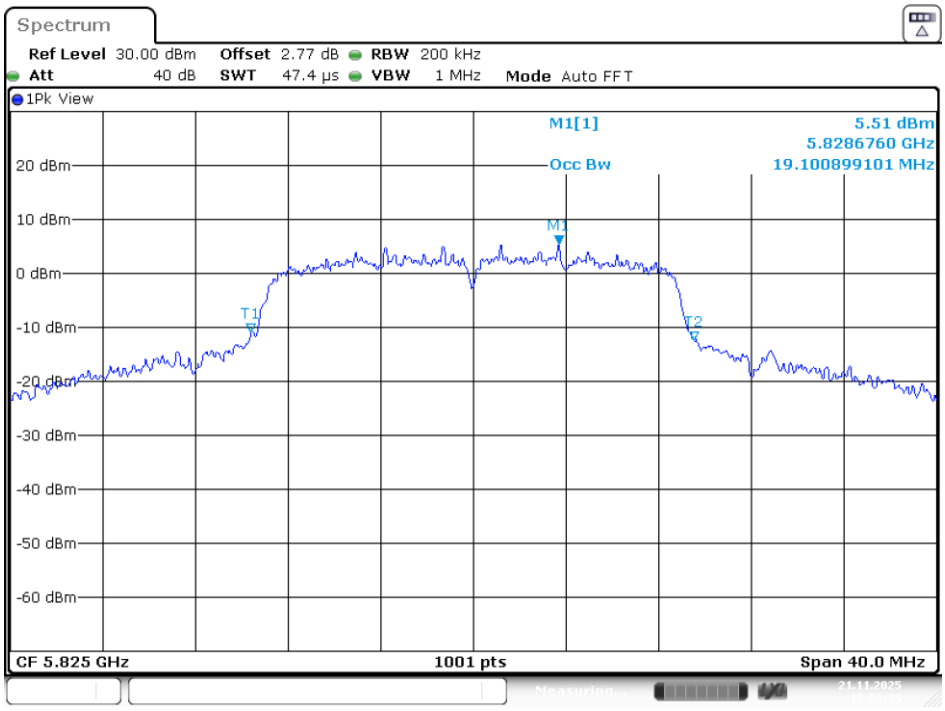
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Date: 21.NOV.2025 12:00:17

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

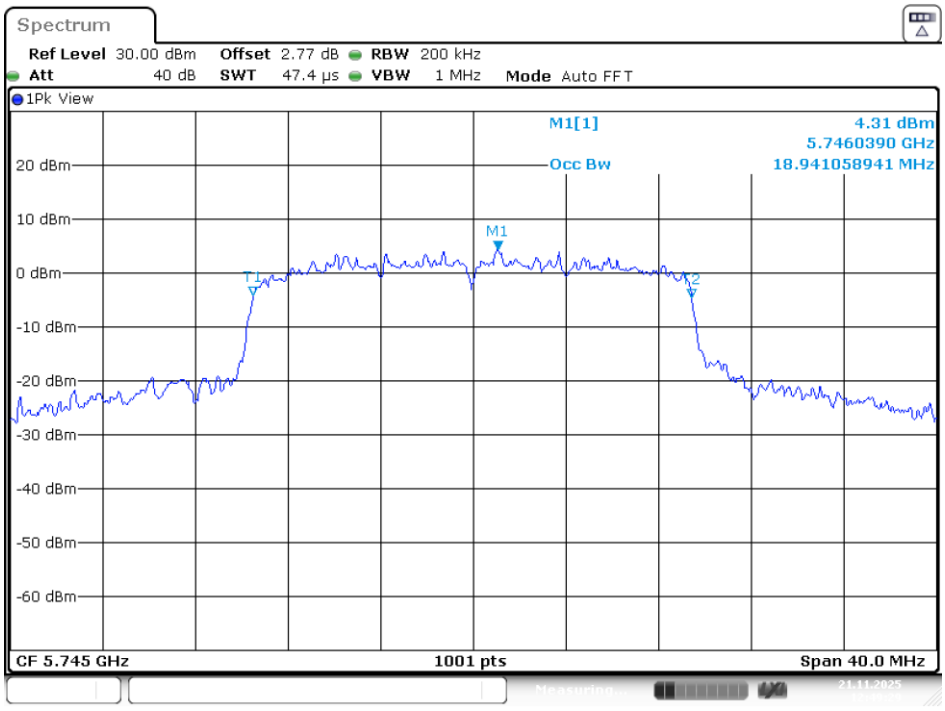
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Date: 21.NOV.2025 12:02:36

802.11 ax20 Mode / 5725 ~ 5850MHz

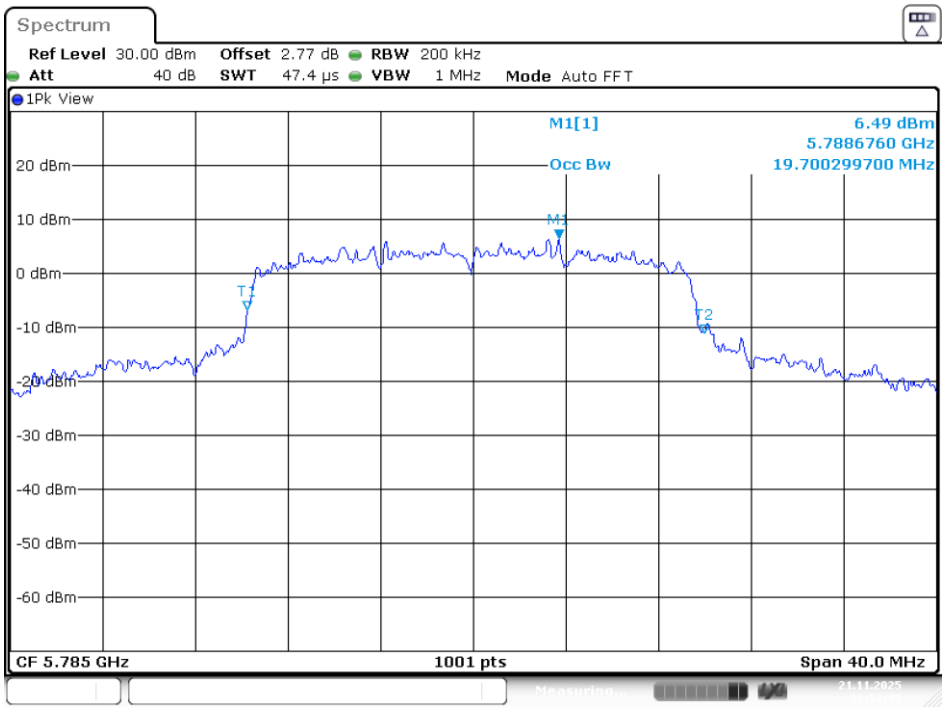
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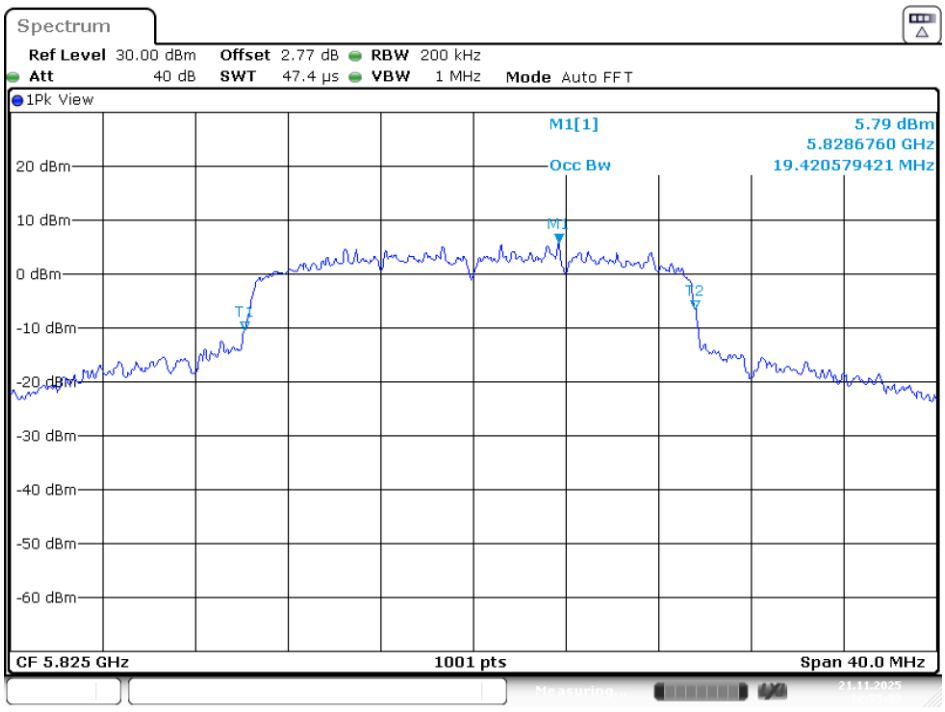
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5785MHz



Date: 21.NOV.2025 12:52:45

5825MHz



Date: 21.NOV.2025 12:55:33

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

10 RSS-247 §7.3 – Maximum Output Power

10.1 Applicable Standard

According to RSS-247 §7.3:

For the 5.15-5.25 GHz band

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of 30 mW or 1.76 + 10 log10B, dBm.OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10 dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of 200 mW or 10 + 10 log10B, dBm.

For the 5.25-5.35 GHz band

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of 30 mW or 1.76 + 10 log10B, dBm.OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

All other devices shall comply with the following:

a. the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of 250 mW or 11 + 10 log10B, dBm.
b. the maximum e.i.r.p. shall not exceed the lesser of 1.0 W or 17 + 10 log10B, dBm.
c. Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

For the 5.47-5.725 GHz bands

Equipment operating in the band 5470-5725 MHz band shall comply with the following power limits:

a. the maximum conducted output power shall not exceed the lesser of 250 mW or 11 + 10 log10B, dBm.
b. the maximum power spectral density shall not exceed 11 dBm/MHz.
c. the maximum e.i.r.p. shall not exceed the lesser of 1.0 W or 17 + 10 log10B, dBm.
d. equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

For the 5.725-5.85 GHz bands

Equipment operating in the band 5725-5850 shall comply with the following power limits:

a. the maximum conducted output power shall not exceed 1 W; and
b. the maximum output power spectral density shall not exceed 30 dBm/500 kHz.

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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However, FPTP devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter maximum conducted output power and the power spectral density. FPTP operations exclude the use of PTMP systems, omnidirectional applications and multiple collocated transmitters transmitting the same information. However, remote stations of PTMP systems shall be permitted to operate at e.i.r.p. greater than 4 W under the same conditions as for FPTP systems.

10.2 Test Procedure

According to ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024 Section 12.4.3.1

The use Power Meter

1. Place the EUT on a bench and set it in transmitting mode.

2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to a Power sensor.

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10.3 Test Results

Test Mode: Transmitting

5150-5250MHz

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Gain (dBi)	EIRP Power	EIRP Limit (dBm)
802.11a	36	5180	15.23	0.18	15.41	3.4	18.81	22.79
	40	5200	15.21	0.18	15.39	3.4	18.79	22.77
	48	5240	14.10	0.18	14.28	3.4	17.68	22.26
802.11 n20	36	5180	15.03	0.36	15.39	3.4	18.79	22.94
	40	5200	15.12	0.36	15.48	3.4	18.88	22.83
	48	5240	13.54	0.36	13.90	3.4	17.30	22.51
802.11 ac20	36	5180	15.21	0	15.21	3.4	18.61	22.79
	40	5200	15.20	0	15.20	3.4	18.60	22.85
	48	5240	14.14	0	14.14	3.4	17.54	22.51
802.11 ax20	36	5180	15.21	0	15.21	3.4	18.61	22.93
	40	5200	15.10	0	15.10	3.4	18.50	22.95
	48	5240	14.01	0	14.01	3.4	17.41	22.76

Note: Device can support both roles master and client device.

5250-5350MHz

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)	Gain (dBi)	EIRP Power	EIRP Limit (dBm)
802.11a	52	5260	15.11	0.18	15.29	23.34	3.4	18.69	29.34
	60	5300	15.09	0.18	15.27	23.37	3.4	18.67	29.37
	64	5320	13.31	0.18	13.49	23.20	3.4	16.89	29.20
802.11 n20	52	5260	15.11	0.36	15.47	23.58	3.4	18.87	29.58
	60	5300	15.12	0.36	15.48	23.58	3.4	18.88	29.58
	64	5320	13.30	0.36	13.66	23.46	3.4	17.06	29.46
802.11 ac20	52	5260	14.91	0	14.91	23.62	3.4	18.31	29.62
	60	5300	14.99	0	14.99	23.64	3.4	18.39	29.64
	64	5320	13.22	0	13.22	23.49	3.4	16.62	29.49
802.11 ax20	52	5260	15.68	0	15.68	23.82	3.4	19.08	29.82
	60	5300	15.16	0	15.16	23.76	3.4	18.56	29.76
	64	5320	13.71	0	13.71	23.74	3.4	17.11	29.74

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

Note: The device in DFS channels is a client device.

5470-5725MHz

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)	Gain (dBi)	EIRP Power	EIRP Limit (dBm)
802.11a	100	5500	14.89	0.18	15.07	23.84	3.4	18.47	29.84
	116	5580	16.70	0.18	16.88	23.91	3.4	20.28	29.91
	136	5680	14.81	0.18	14.99	23.61	3.4	18.39	29.61
	140	5700	11.49	0.18	11.67	23.51	3.4	15.07	29.51
802.11 n20	100	5500	16.82	0.36	17.18	23.99	3.4	20.58	29.99
	116	5580	16.69	0.36	17.05	23.95	3.4	20.45	29.95
	136	5680	14.72	0.36	15.08	23.81	3.4	18.48	29.81
	140	5700	7.50	0.36	7.86	23.49	3.4	11.26	29.49
802.11 ac20	100	5500	13.65	0	13.65	23.97	3.4	17.05	29.97
	116	5580	15.59	0	15.59	23.95	3.4	18.99	29.95
	136	5680	14.75	0	14.75	23.60	3.4	18.15	29.60
	140	5700	8.84	0	8.84	23.51	3.4	12.24	29.51
802.11 ax20	100	5500	14.08	0	14.08	23.80	3.4	17.48	29.80
	116	5580	16.01	0	16.01	23.85	3.4	19.41	29.85
	136	5680	14.60	0	14.60	23.86	3.4	18.00	29.86
	140	5700	10.50	0	10.50	23.75	3.4	13.9	29.75

The device in DFS channels is a client device.

5725-5850MHz

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
802.11a	149	5745	13.03	0.18	13.21	30
	157	5785	13.93	0.18	14.11	30
	165	5825	13.66	0.18	13.84	30
802.11 n20	149	5745	12.9	0.36	13.26	30
	157	5785	13.81	0.36	14.17	30
	165	5825	13.42	0.36	13.78	30
802.11 ac20	149	5745	13.1	0	13.10	30
	157	5785	13.96	0	13.96	30
	165	5825	13.67	0	13.67	30
802.11 ax20	149	5745	12.92	0	12.92	30
	157	5785	13.79	0	13.79	30

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

	165	5825	13.46	0	13.46	30

Note: Device can support both roles master and client device.

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

11 RSS-247 §7.3 – Power Spectral Density

11.1 Applicable Standard

According to RSS-247 §7.3:

For the 5.15-5.25 GHz band

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of 30 mW or 1.76 + 10 log10B, dBm.OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10 dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of 200 mW or 10 + 10 log10B, dBm.

For the 5.25-5.35 GHz band

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of 30 mW or 1.76 + 10 log10B, dBm.OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

All other devices shall comply with the following:

a. the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of 250 mW or 11 + 10 log10B, dBm.
b. the maximum e.i.r.p. shall not exceed the lesser of 1.0 W or 17 + 10 log10B, dBm.
c. Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

For the 5.47-5.725 GHz bands

Equipment operating in the band 5470-5725 MHz band shall comply with the following power limits:

a. the maximum conducted output power shall not exceed the lesser of 250 mW or 11 + 10 log10B, dBm.
b. the maximum power spectral density shall not exceed 11 dBm/MHz.
c. the maximum e.i.r.p. shall not exceed the lesser of 1.0 W or 17 + 10 log10B, dBm.
d. equipment with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

For the 5.725-5.85 GHz bands

Equipment operating in the band 5725-5850 shall comply with the following power limits:

a. the maximum conducted output power shall not exceed 1 W; and
b. the maximum output power spectral density shall not exceed 30 dBm/500 kHz.

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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However, FPTP devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter maximum conducted output power and the power spectral density. FPTP operations exclude the use of PTMP systems, omnidirectional applications and multiple collocated transmitters transmitting the same information. However, remote stations of PTMP systems shall be permitted to operate at e.i.r.p. greater than 4 W under the same conditions as for FPTP systems.

11.2 Test Procedure

The measurements are base on KDB 789033 D02 General UNII Test Procedyres New Rules v02r01: Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices section F: Maximum power spectral density.

Duty cycle <98%, duty cycle variations are less than ±2%

Method SA-2 was used.

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11.3 Test Results

Test Mode: Transmitting

5150-5250MHz

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Gain (dBi)	EIRP Power	EIRP Limit (dBm/MHz)
802.11a	36	5180	3.56	0.18	3.74	3.4	7.14	10
	40	5200	3.90	0.18	4.08	3.4	7.48	10
	48	5240	2.22	0.18	2.40	3.4	5.80	10
802.11 n20	36	5180	2.88	0.36	3.24	3.4	6.64	10
	40	5200	3.17	0.36	3.53	3.4	6.93	10
	48	5240	2.12	0.36	2.48	3.4	5.88	10
802.11 ac20	36	5180	3.96	0.00	3.96	3.4	7.36	10
	40	5200	4.02	0.00	4.02	3.4	7.42	10
	48	5240	2.78	0.00	2.78	3.4	6.18	10
802.11 ax20	36	5180	4.11	0.00	4.11	3.4	7.51	10
	40	5200	4.10	0.00	4.10	3.4	7.50	10
	48	5240	2.25	0.00	2.25	3.4	5.65	10

5250-5350MHz

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Limit (dBm/MHz)
802.11a	52	5260	3.37	0.18	3.55	11
	60	5300	3.17	0.18	3.35	11
	64	5320	1.80	0.18	1.98	11
802.11 n20	52	5260	3.05	0.36	3.41	11
	60	5300	3.06	0.36	3.42	11
	64	5320	1.16	0.36	1.52	11
802.11 ac20	52	5260	3.23	0	3.23	11
	60	5300	3.39	0	3.39	11
	64	5320	1.88	0	1.88	11
802.11 ax20	52	5260	3.18	0	3.18	11
	60	5300	2.67	0	2.67	11
	64	5320	1.58	0	1.58	11

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5470-5725MHz

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Limit (dBm/MHz)
802.11a	100	5500	3.99	0.18	4.17	11
	116	5580	4.13	0.18	4.31	11
	136	5680	1.70	0.18	1.88	11
	140	5700	-1.73	0.18	-1.55	11
802.11 n20	100	5500	4.25	0.36	4.61	11
	116	5580	4.24	0.36	4.60	11
	136	5680	1.09	0.36	1.45	11
	140	5700	-5.67	0.36	-5.31	11
802.11 ac20	100	5500	3.64	0.00	3.64	11
	116	5580	4.44	0.00	4.44	11
	136	5680	1.90	0.00	1.90	11
	140	5700	-4.88	0.00	-4.88	11
802.11 ax20	100	5500	3.36	0.00	3.36	11
	116	5580	3.31	0.00	3.31	11
	136	5680	1.73	0.00	1.73	11
	140	5700	-2.29	0.00	-2.29	11

5725-5850MHz

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/500kHz)	Duty Factor (dB)	Power Spectral Density with duty factor (dBm/500kHz)	Limit (dBm/500kHz)
802.11a	149	5745	1.68	0.18	1.86	30
	157	5785	3.00	0.18	3.18	30
	165	5825	2.70	0.18	2.88	30
802.11 n20	149	5745	1.42	0.36	1.78	30
	157	5785	2.98	0.36	3.34	30
	165	5825	2.78	0.36	3.14	30
802.11 ac20	149	5745	1.93	0.00	1.93	30
	157	5785	3.21	0.00	3.21	30
	165	5825	3.19	0.00	3.19	30
802.11 ax20	149	5745	1.58	0.00	1.58	30
	157	5785	2.94	0.00	2.94	30
	165	5825	2.64	0.00	2.64	30

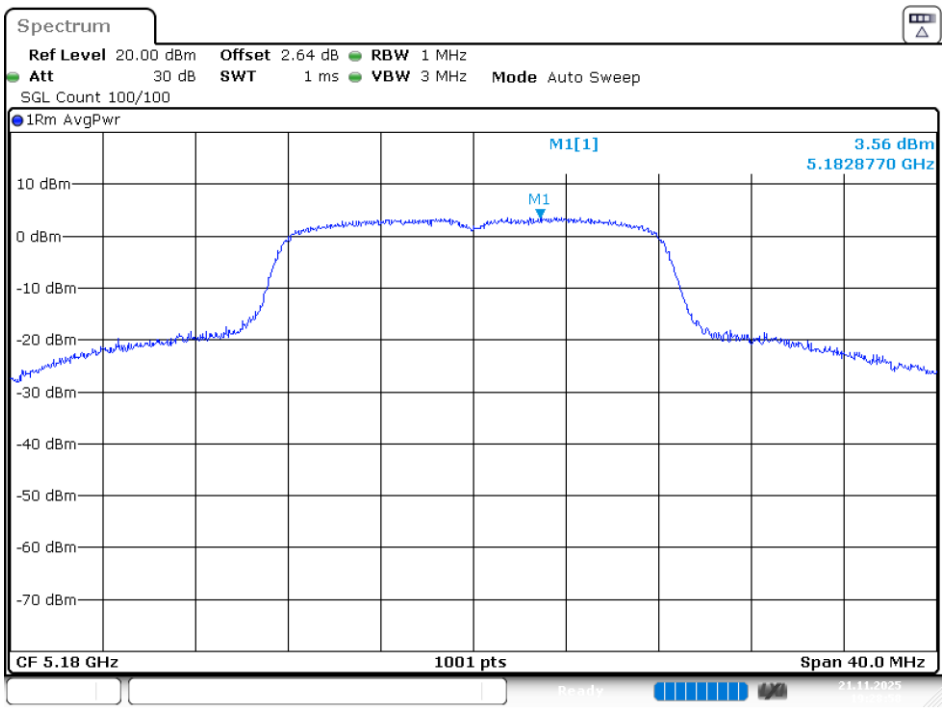
Please refer to the following plots

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UNII-1 Band I / PSD

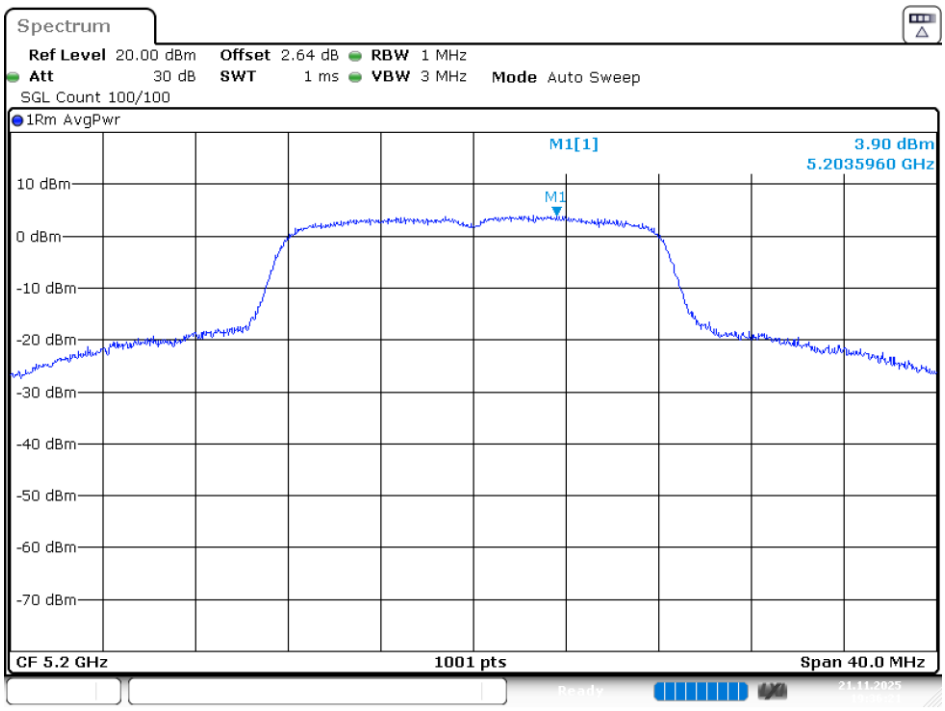
802.11a Mode / 5150 ~ 5250MHz

5180MHz



Date: 21.NOV.2025 19:28:59

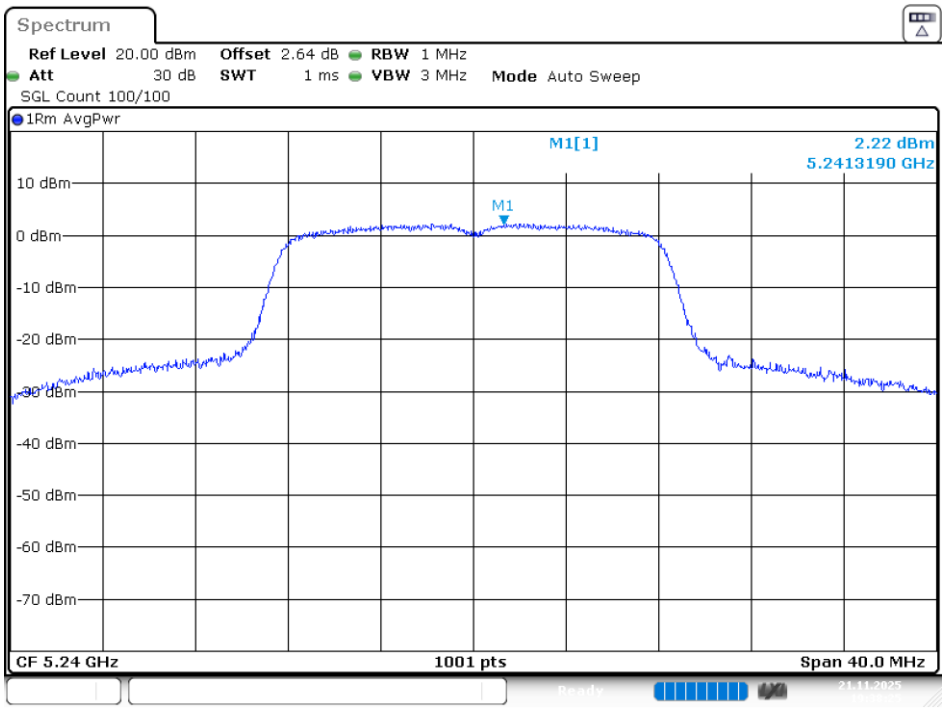
5200MHz



Date: 21.NOV.2025 19:36:21

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

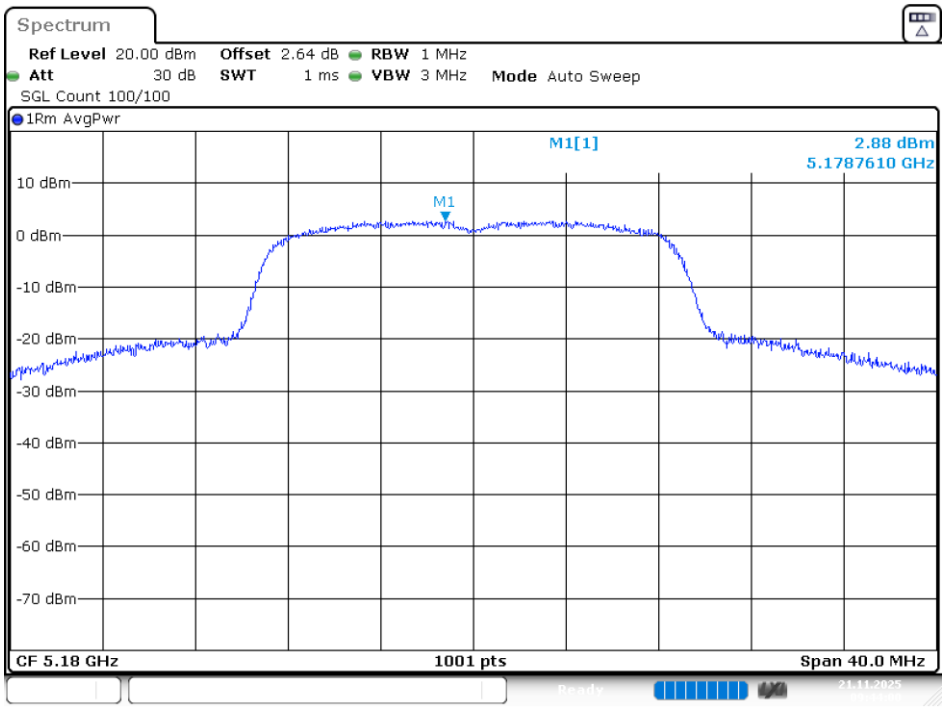
5240MHz



Date: 21.NOV.2025 19:38:25

802.11 n20 Mode / 5150 ~ 5250MHz

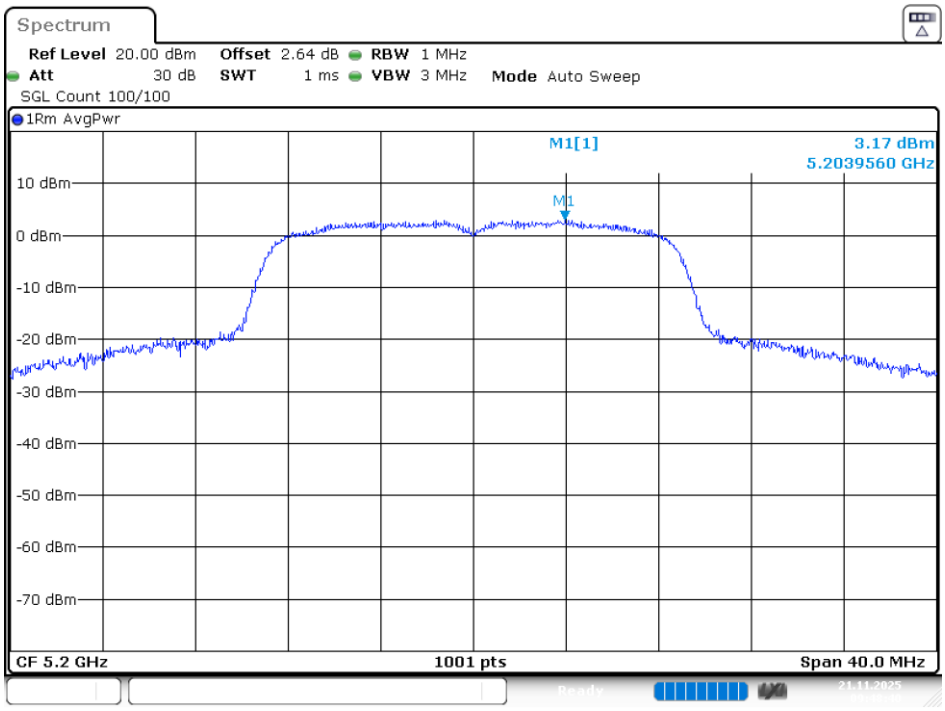
5180MHz



Date: 21.NOV.2025 09:44:00

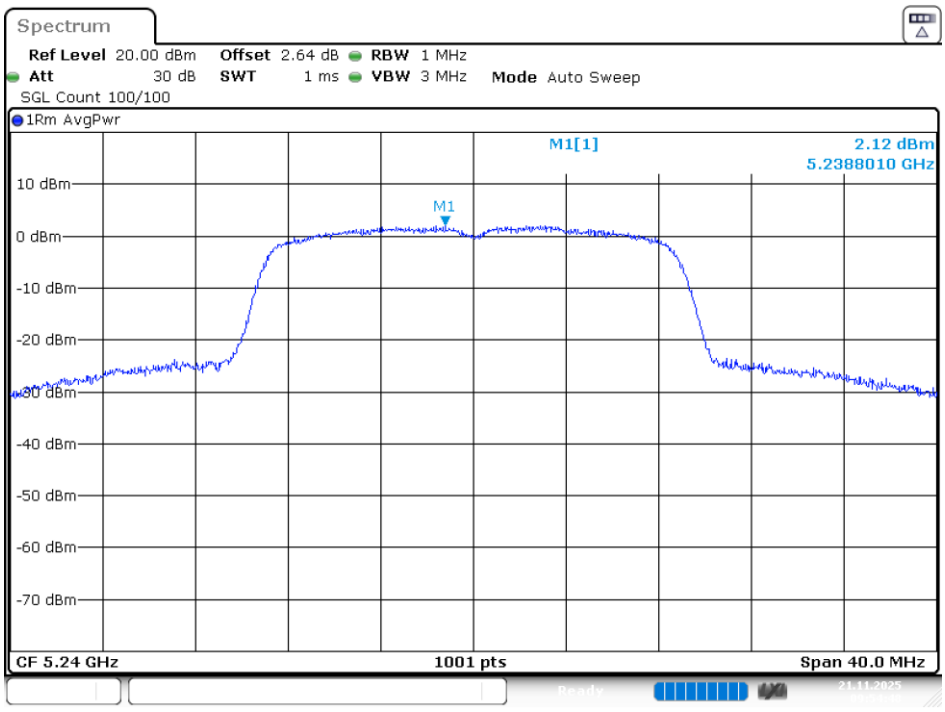
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5200MHz



Date: 21.NOV.2025 09:48:40

5240MHz

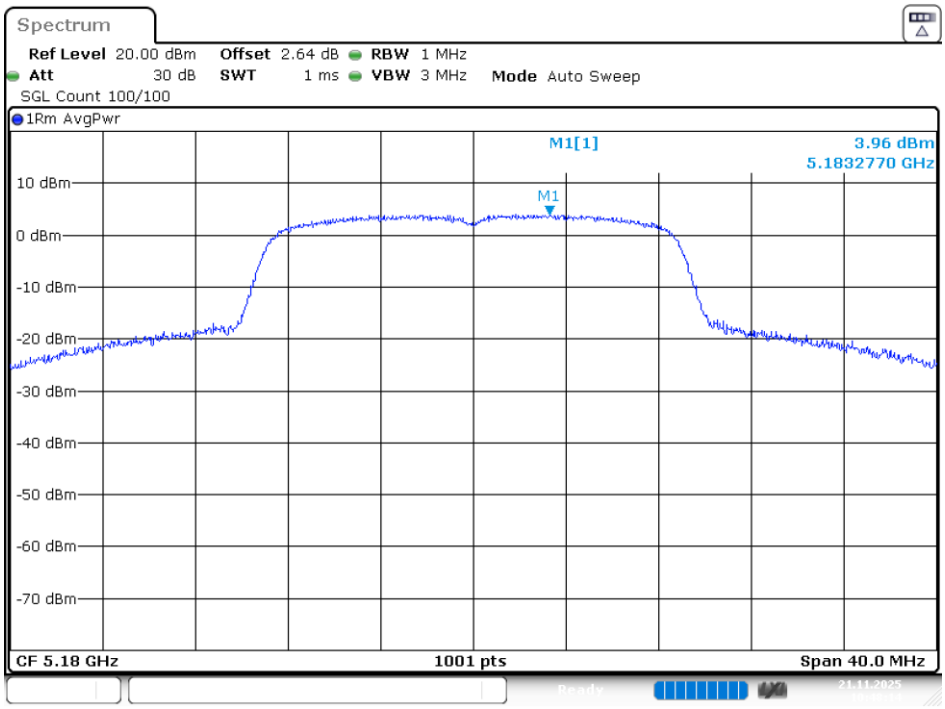


Date: 21.NOV.2025 09:54:48

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

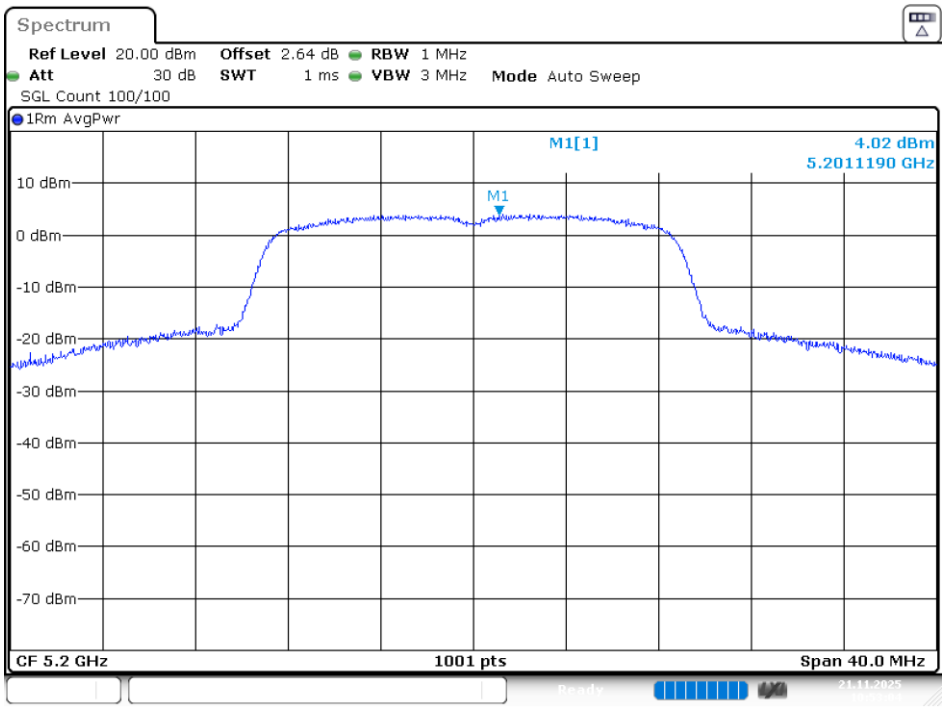
802.11 ac20 Mode / 5150 ~ 5250MHz

5180MHz



Date: 21.NOV.2025 10:48:14

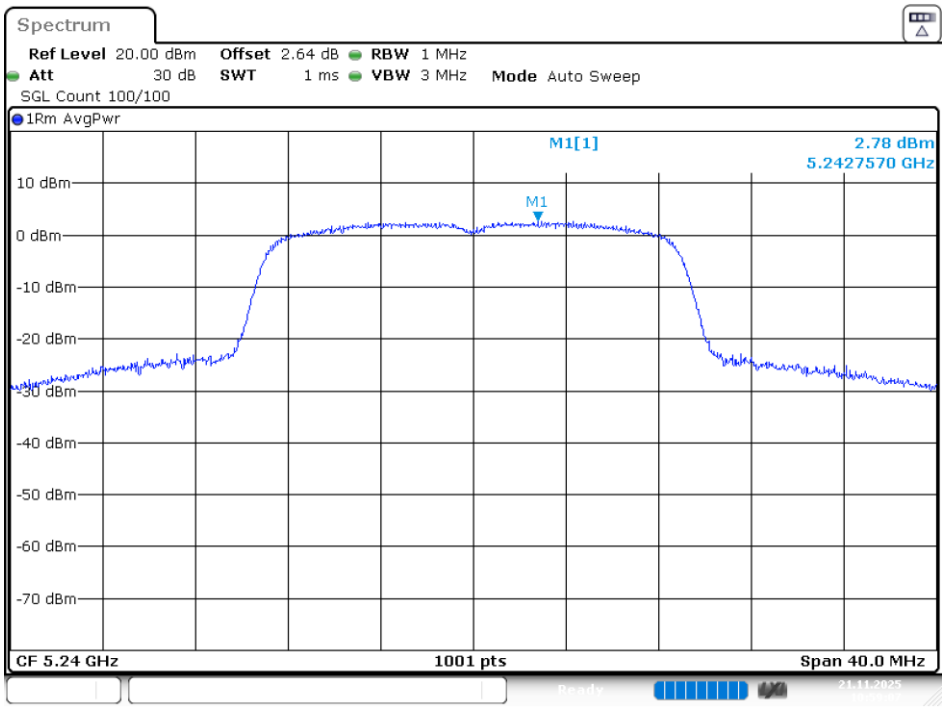
5200MHz



Date: 21.NOV.2025 10:53:05

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

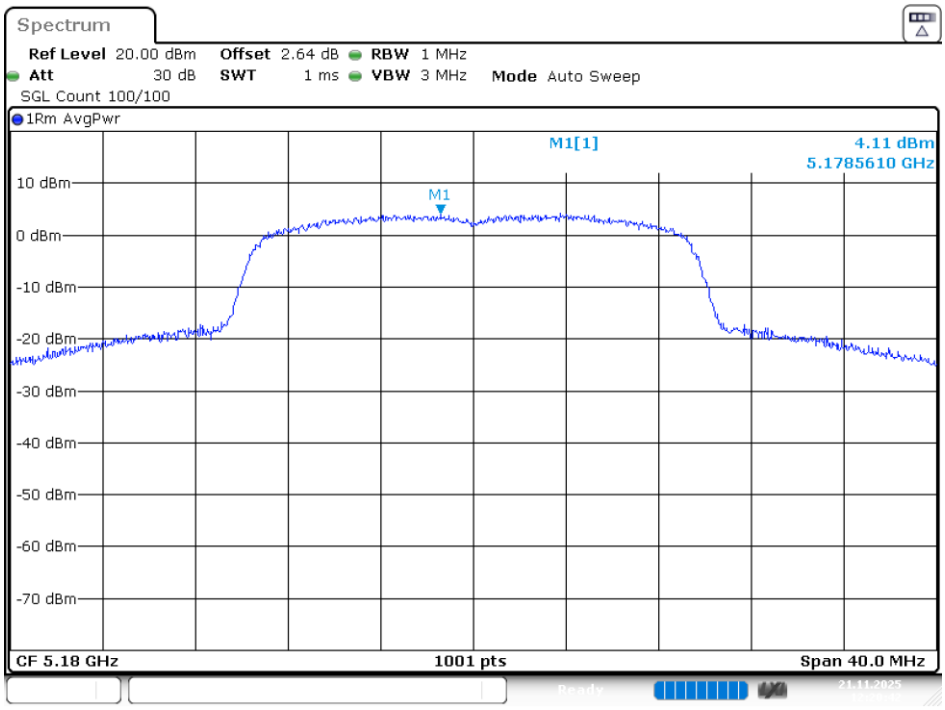
5240MHz



Date: 21.NOV.2025 10:59:08

802.11 ax20 Mode / 5150 ~ 5250MHz

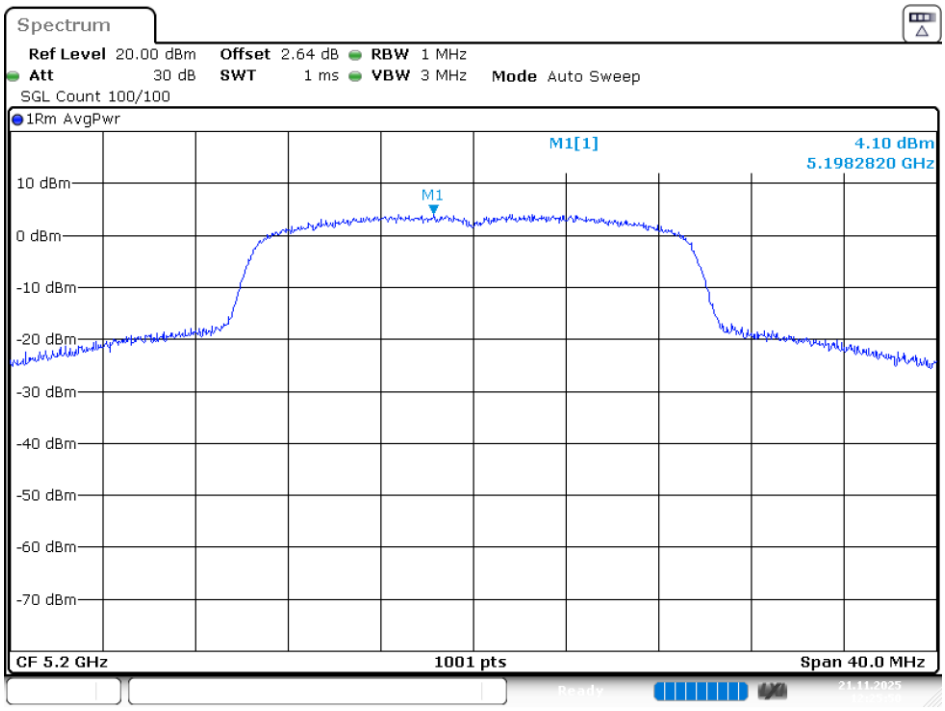
5180MHz



Date: 21.NOV.2025 12:20:43

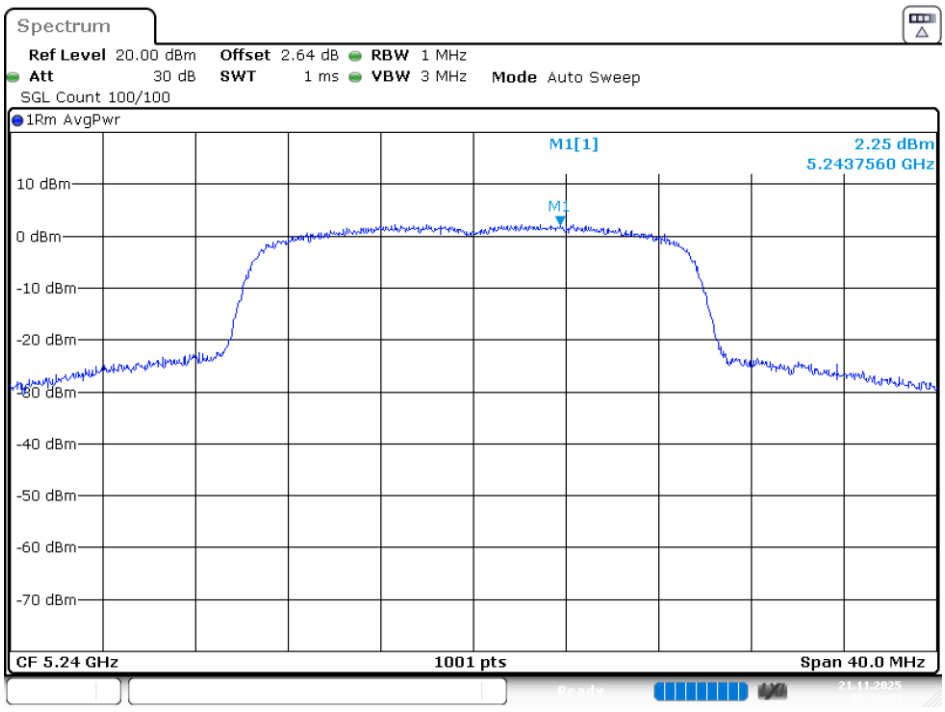
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5200MHz



Date: 21.NOV.2025 12:25:50

5240MHz



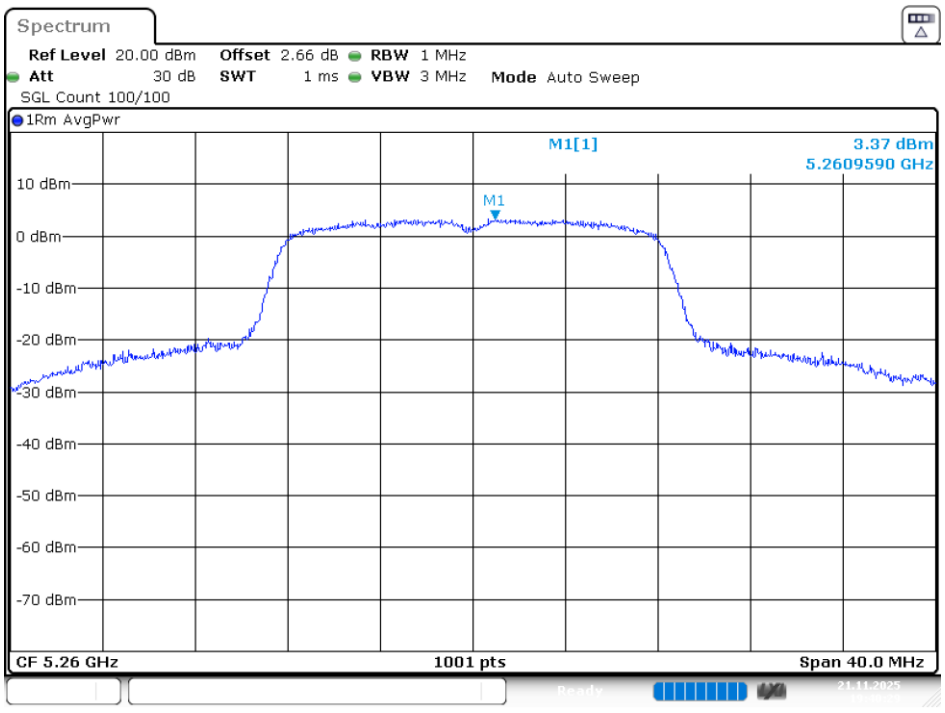
Date: 21.NOV.2025 12:33:54

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UNII-2A Band II / PSD

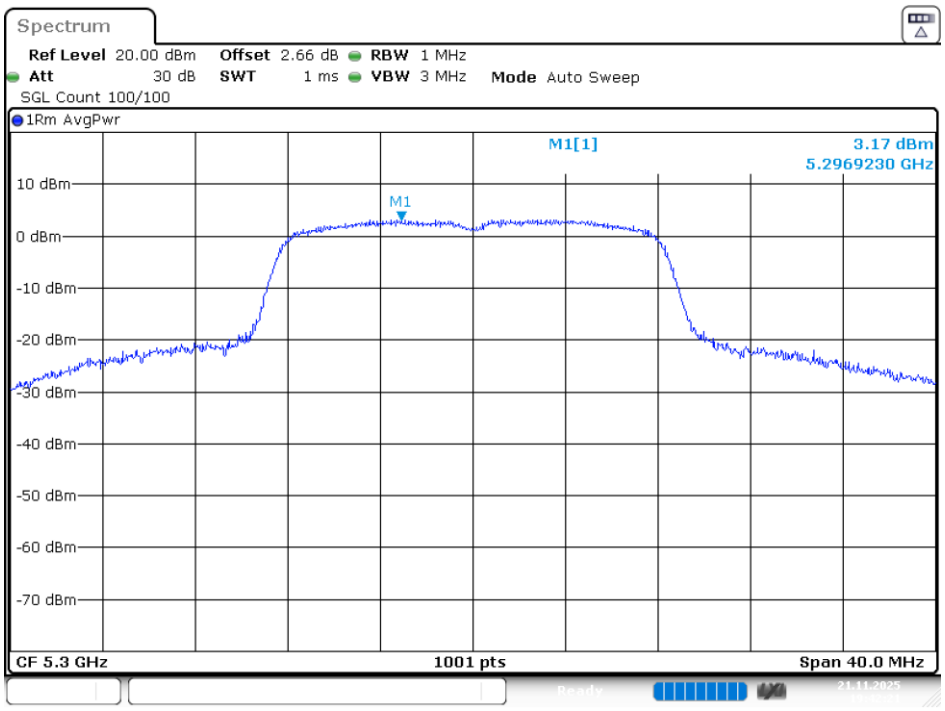
802.11a Mode / 5250 ~ 5350MHz

5260MHz



Date: 21.NOV.2025 19:40:29

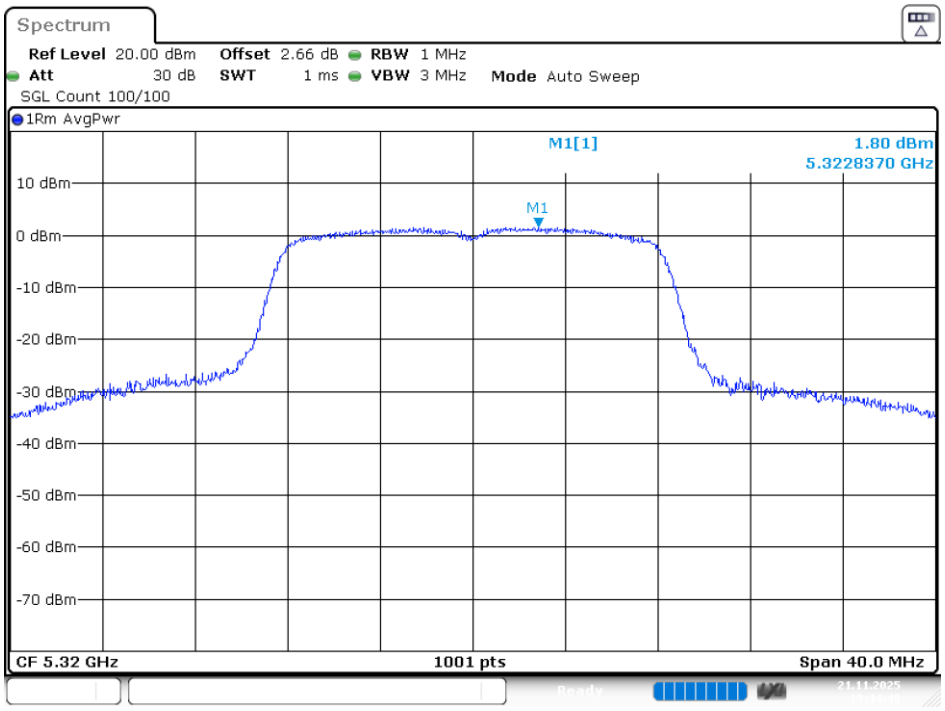
5300MHz



Date: 21.NOV.2025 19:42:21

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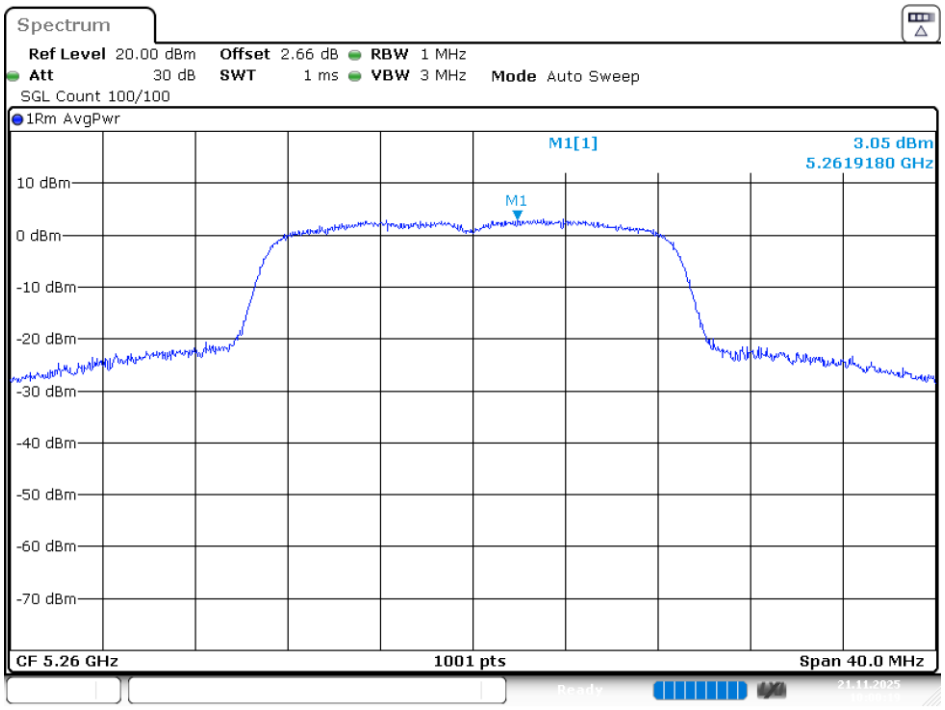
5320MHz



Date: 21.NOV.2025 19:44:49

802.11 n20 Mode / 5250 ~ 5350MHz

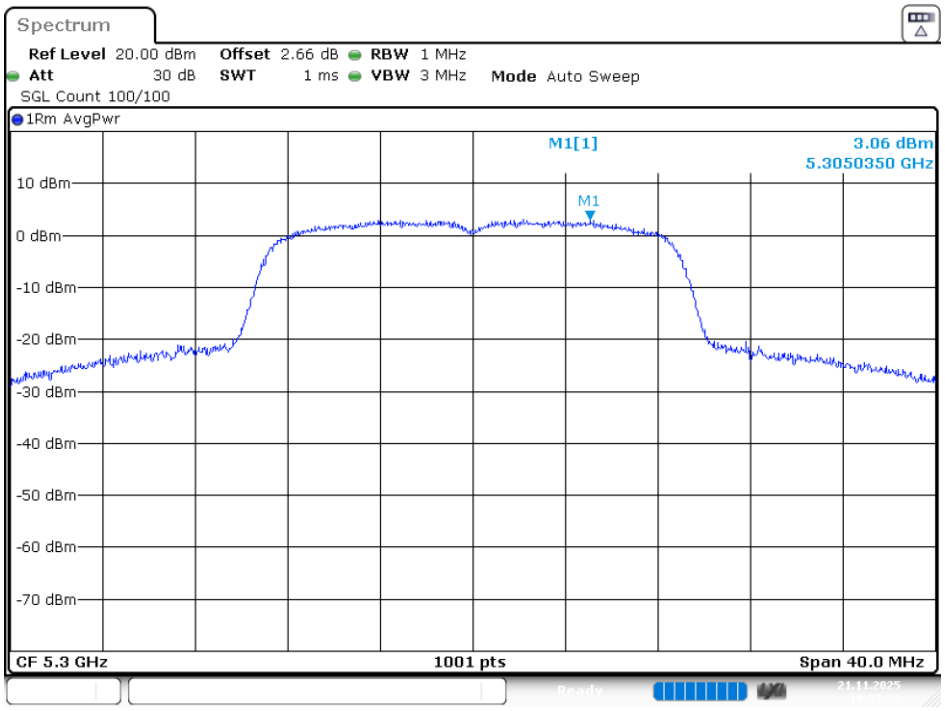
5260MHz



Date: 21.NOV.2025 10:00:19

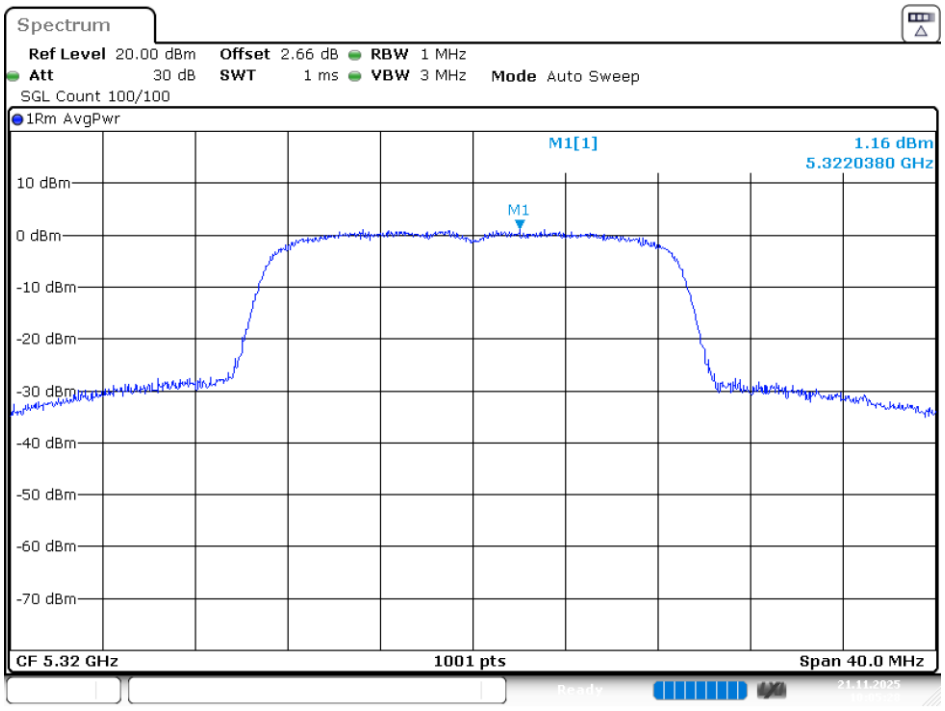
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5300MHz



Date: 21.NOV.2025 10:02:57

5320MHz

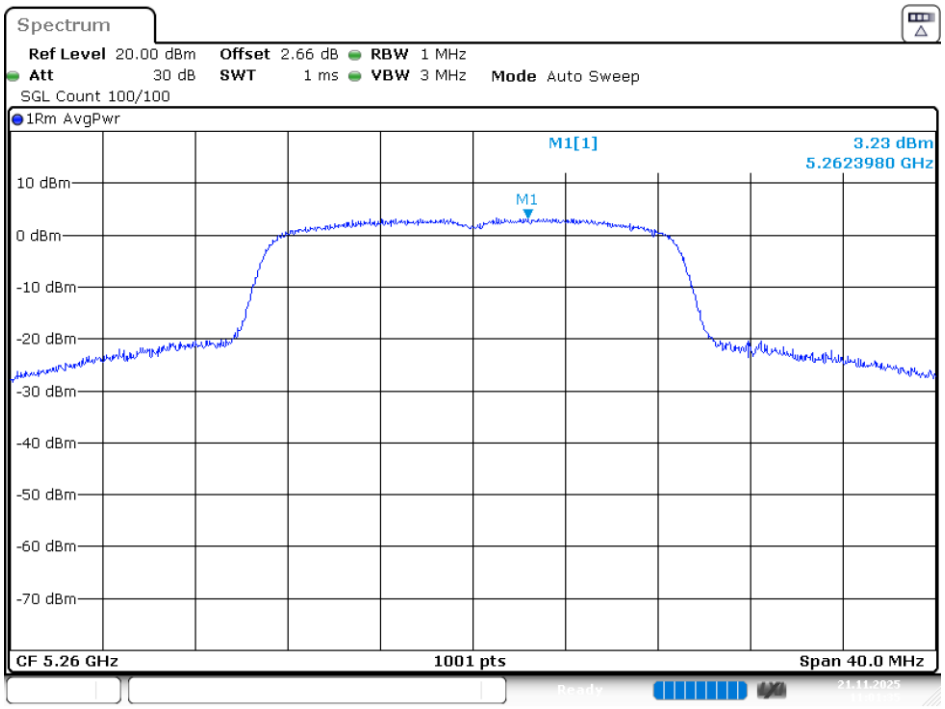


Date: 21.NOV.2025 10:05:28

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

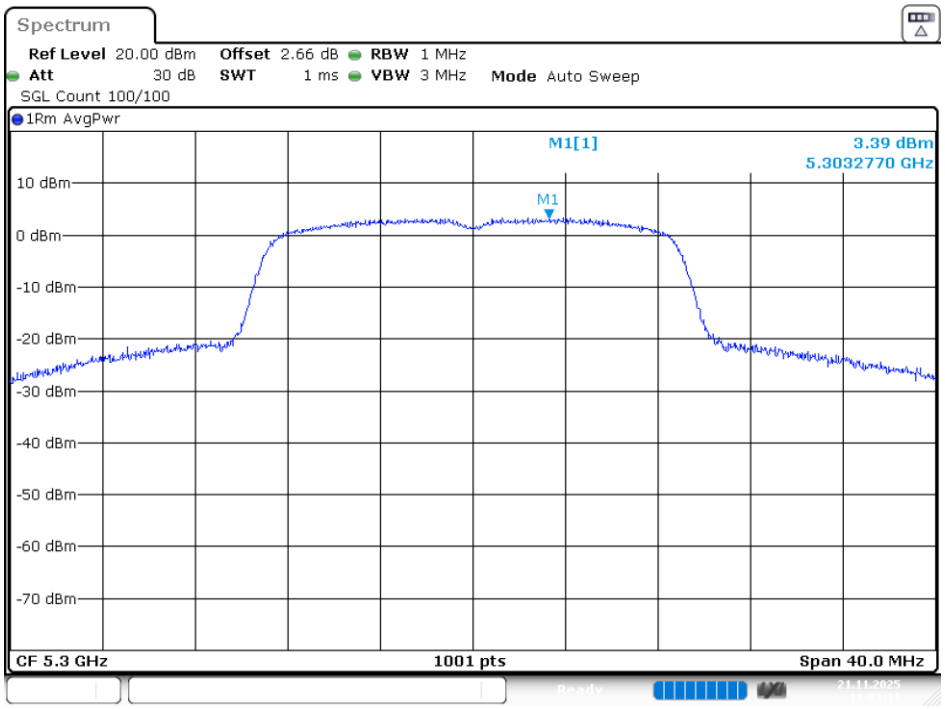
802.11 ac20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 21.NOV.2025 11:01:36

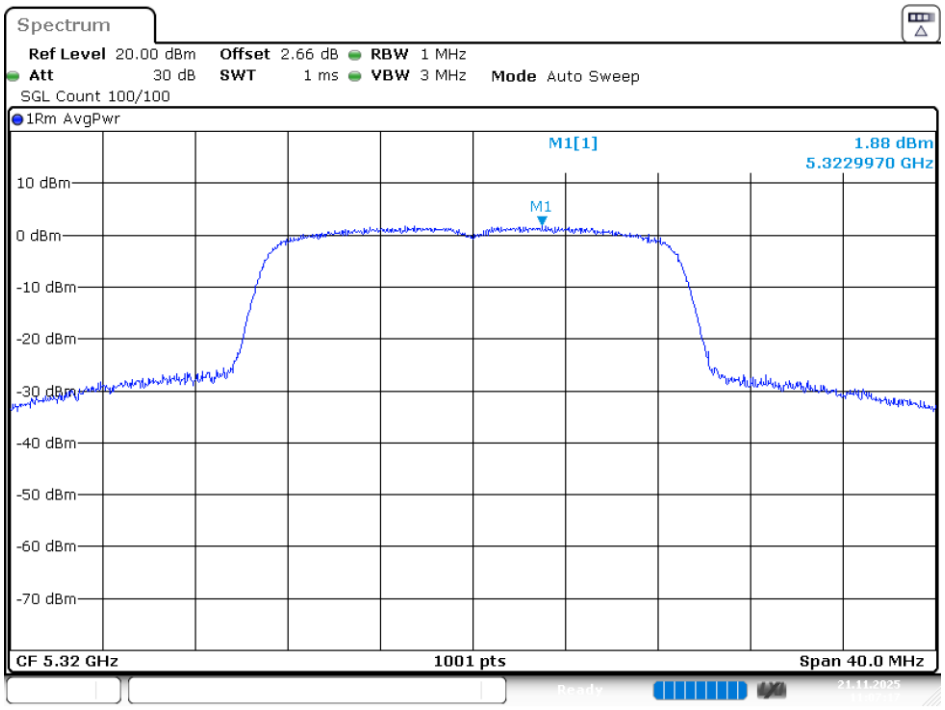
5300MHz



Date: 21.NOV.2025 11:03:11

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

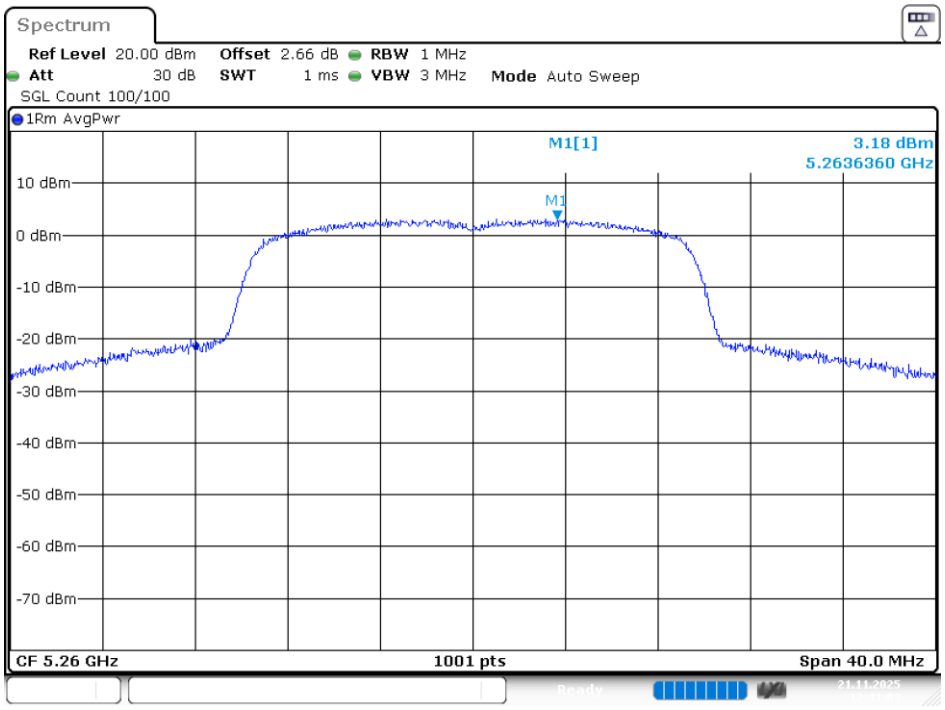
5320MHz



Date: 21.NOV.2025 11:07:17

802.11 ax20 Mode / 5250 ~ 5350MHz

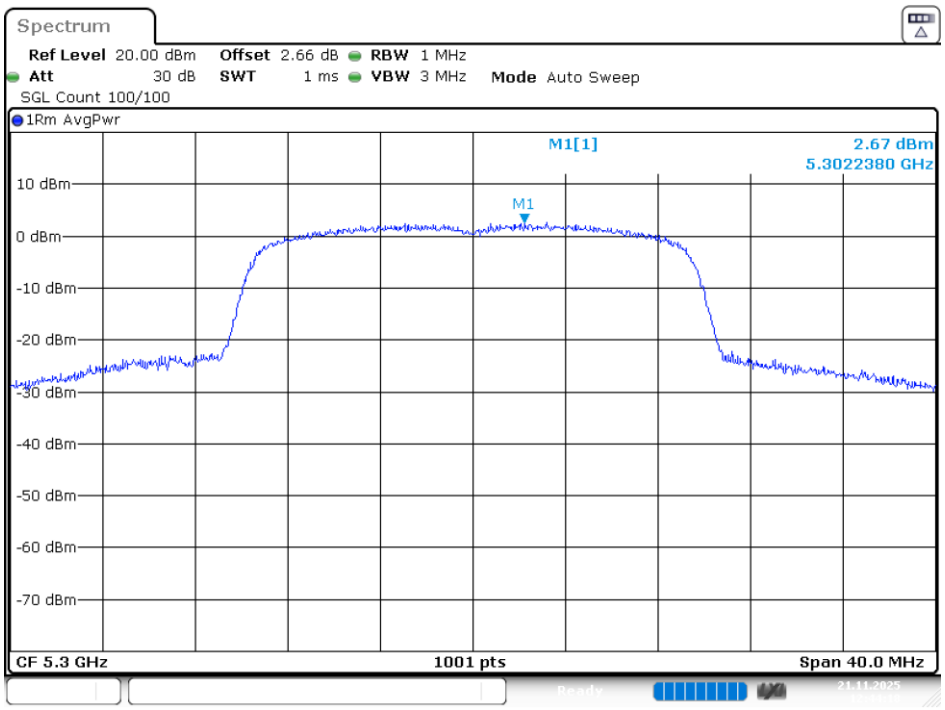
5260MHz



Date: 21.NOV.2025 12:41:04

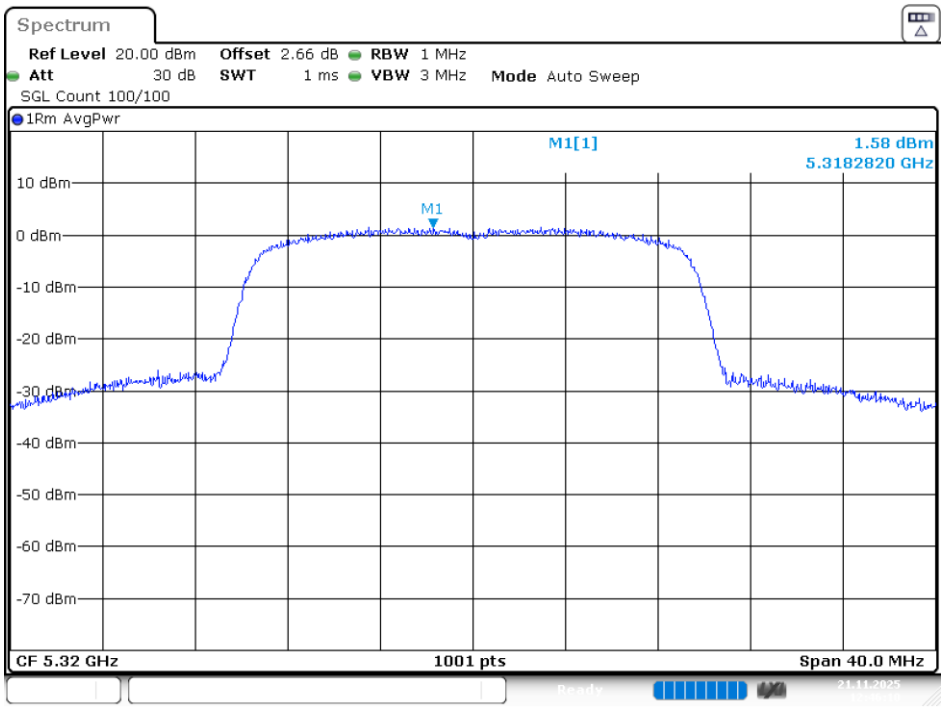
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5300MHz



Date: 21.NOV.2025 12:44:18

5320MHz



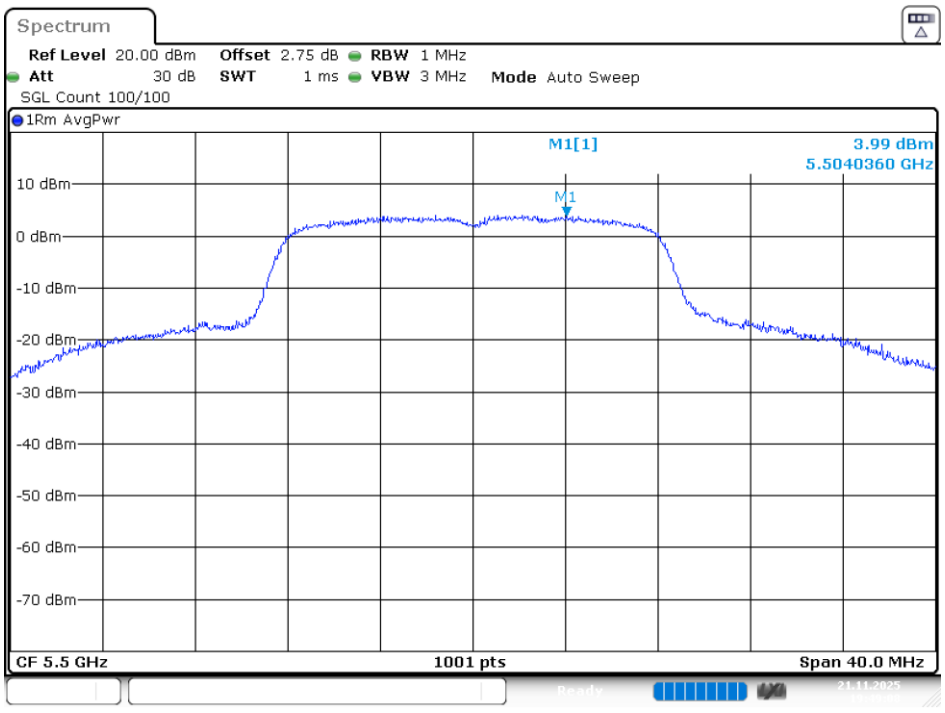
Date: 21.NOV.2025 12:46:10

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

UNII-2C Band III / PSD

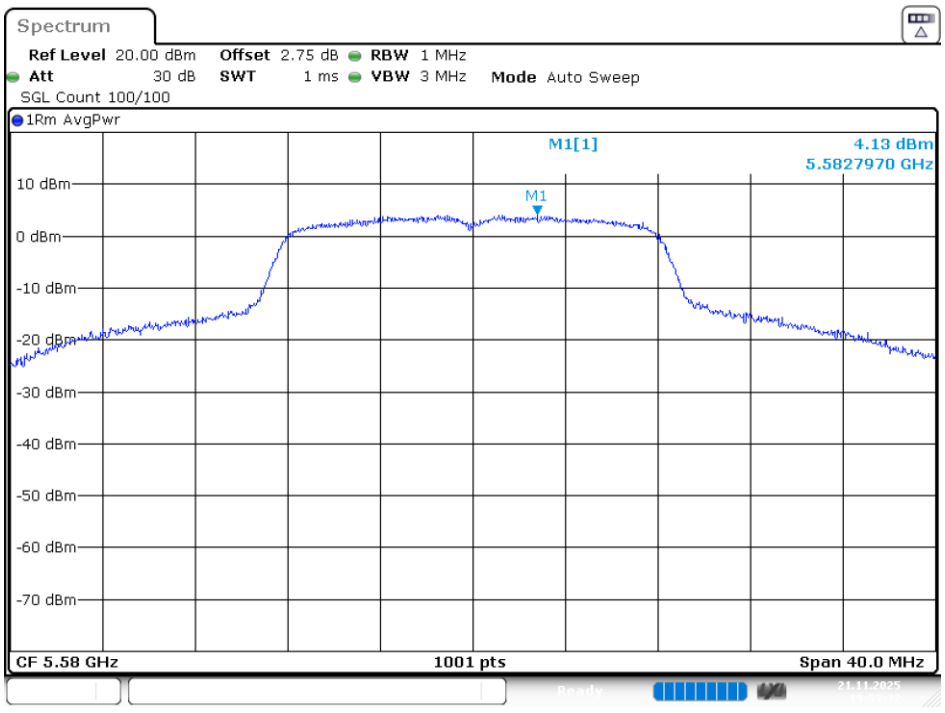
802.11a Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 19:49:08

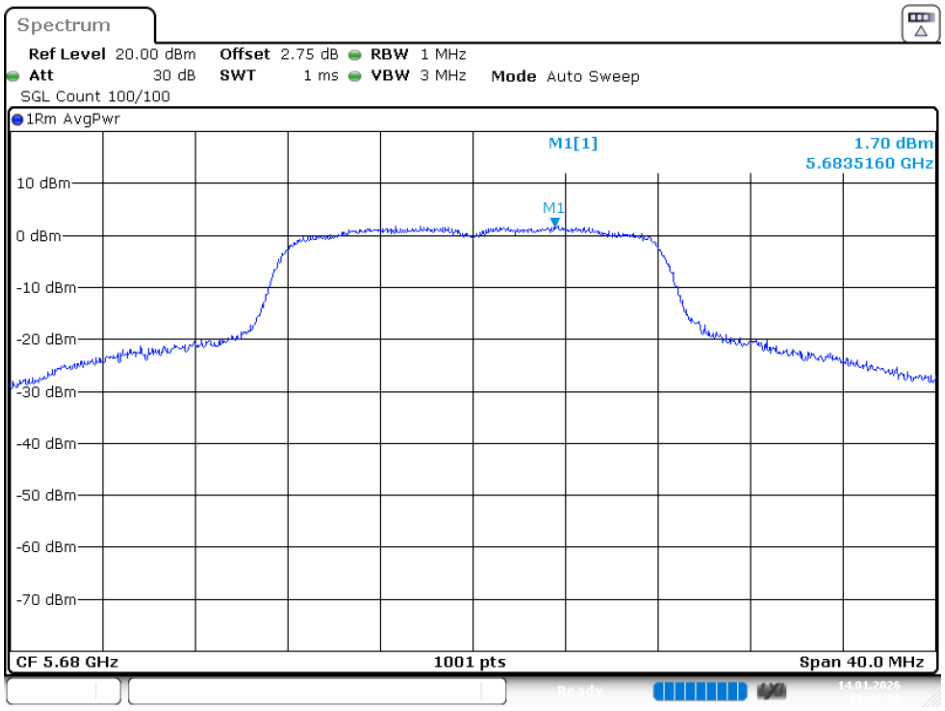
5580MHz



Date: 21.NOV.2025 19:53:32

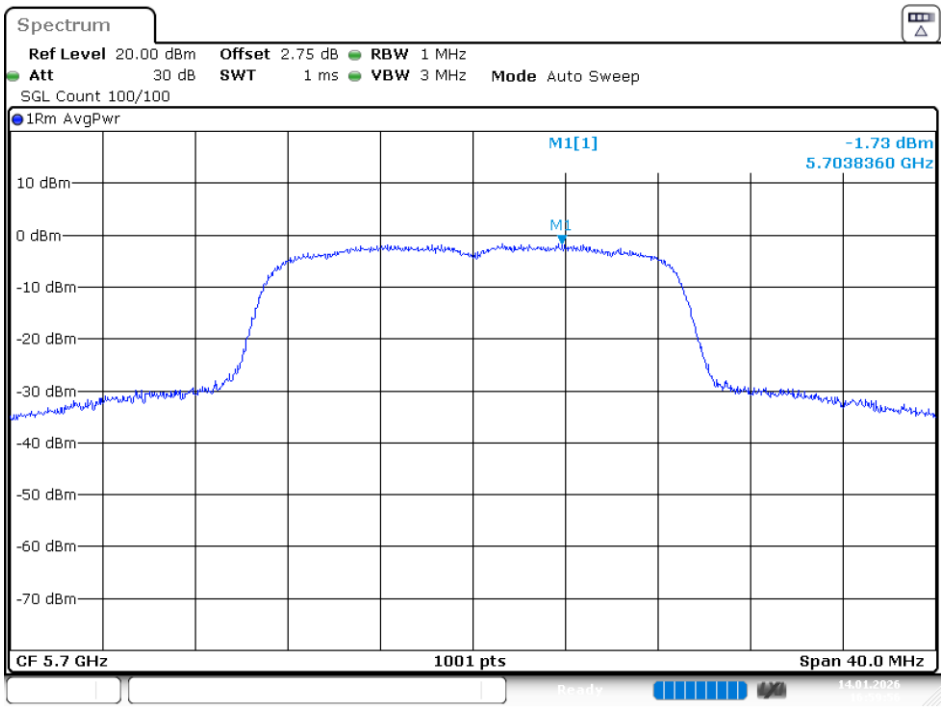
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:42:37

5700MHz

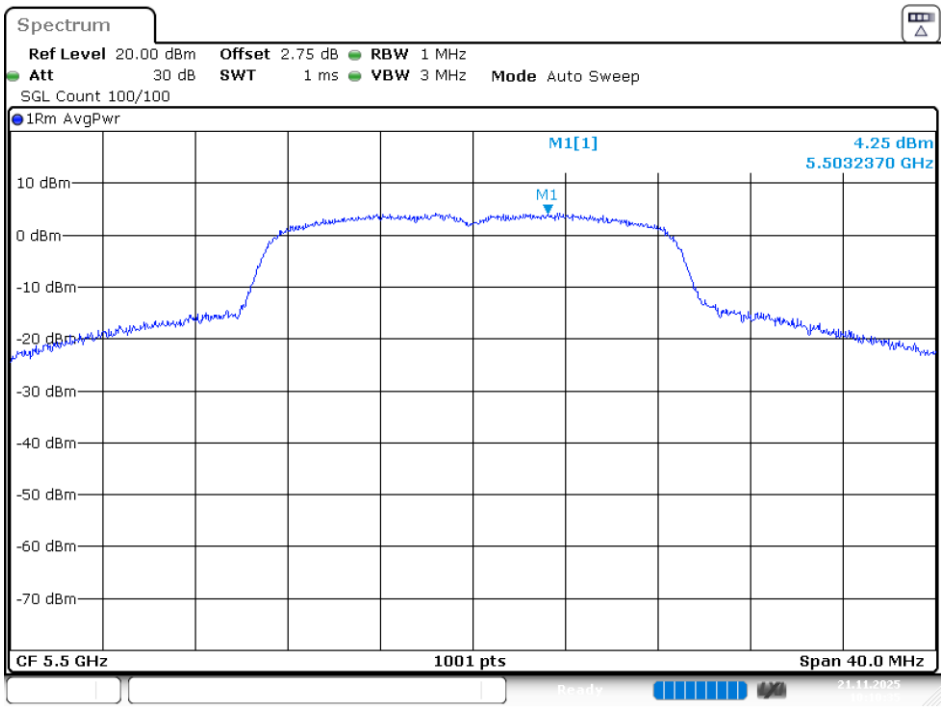


Date: 14.JAN.2026 16:59:57

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

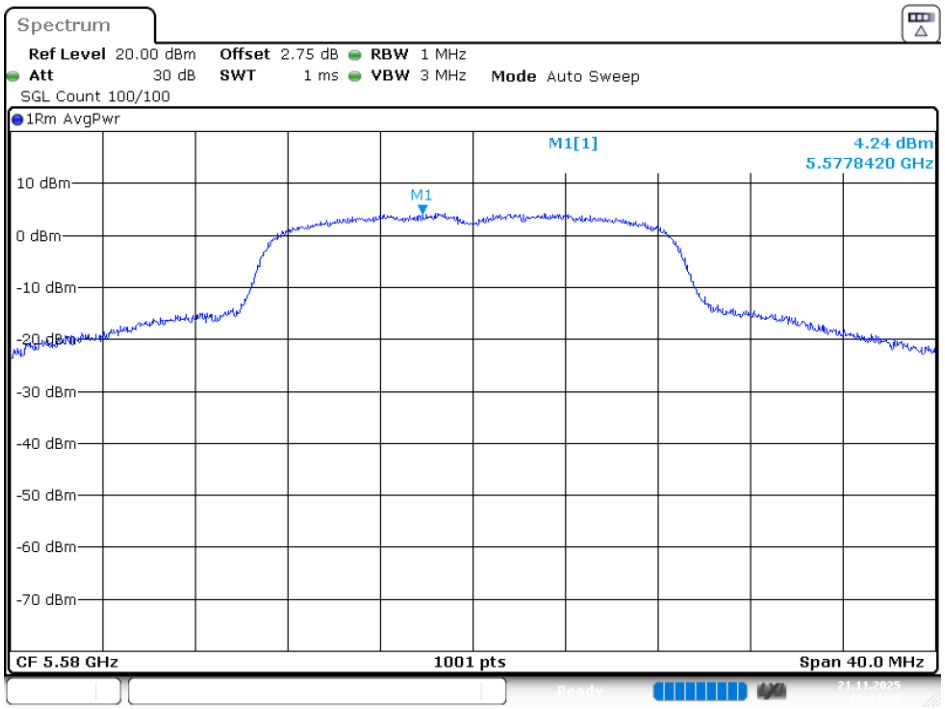
802.11 n20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 10:10:35

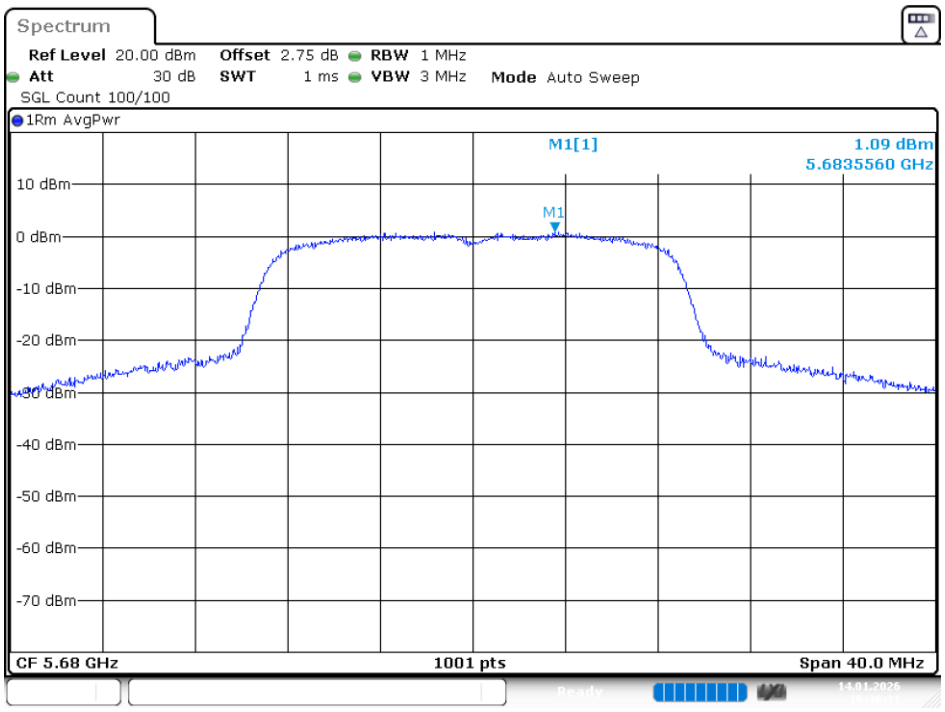
5580MHz



Date: 21.NOV.2025 10:14:46

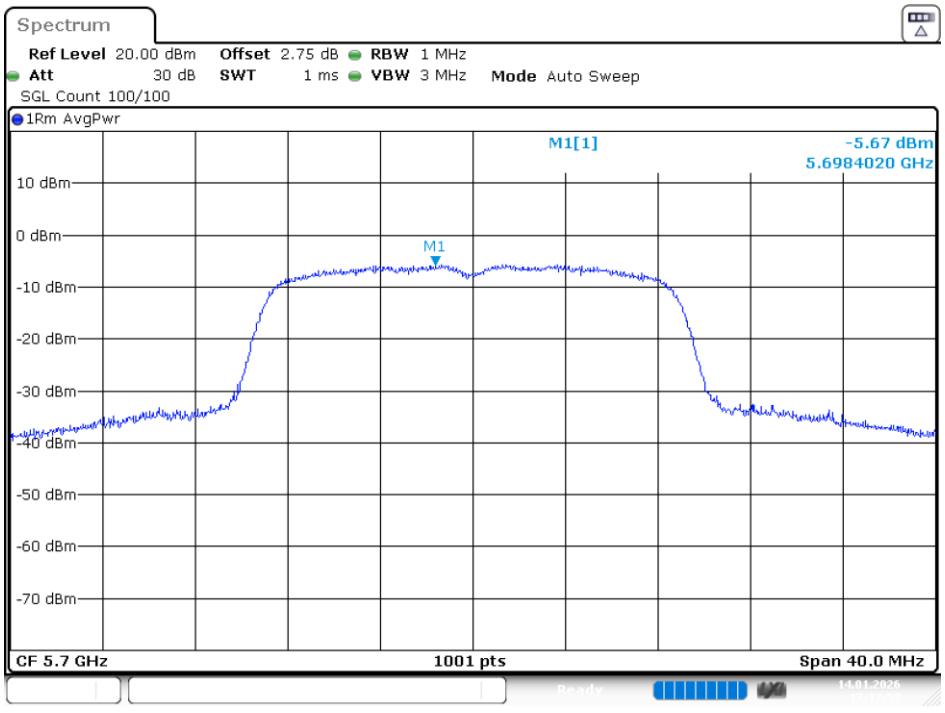
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:46:32

5700MHz

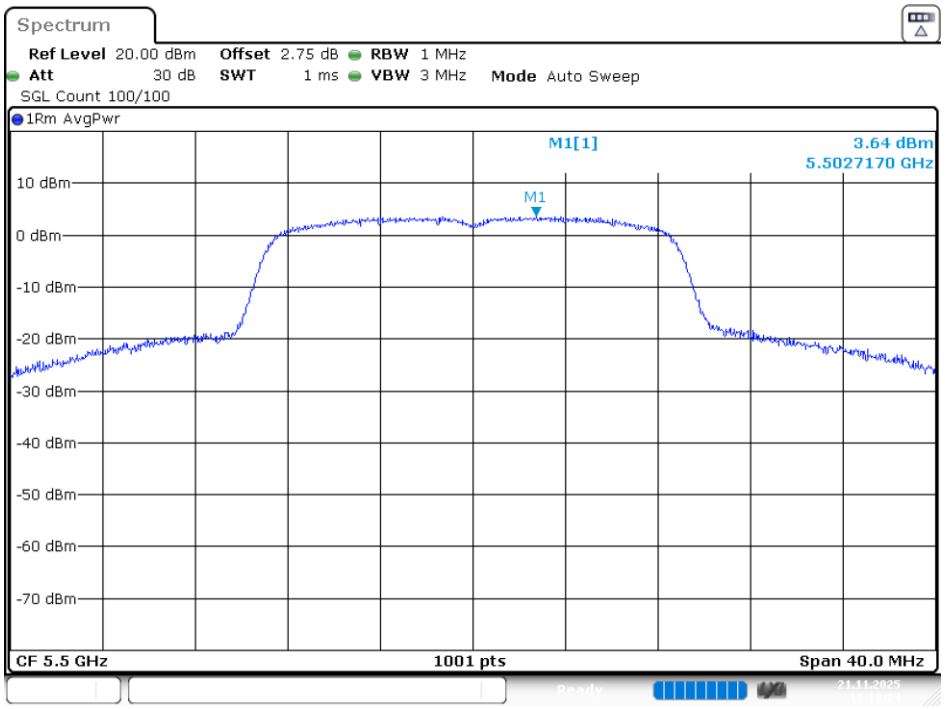


Date: 14.JAN.2026 17:17:52

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

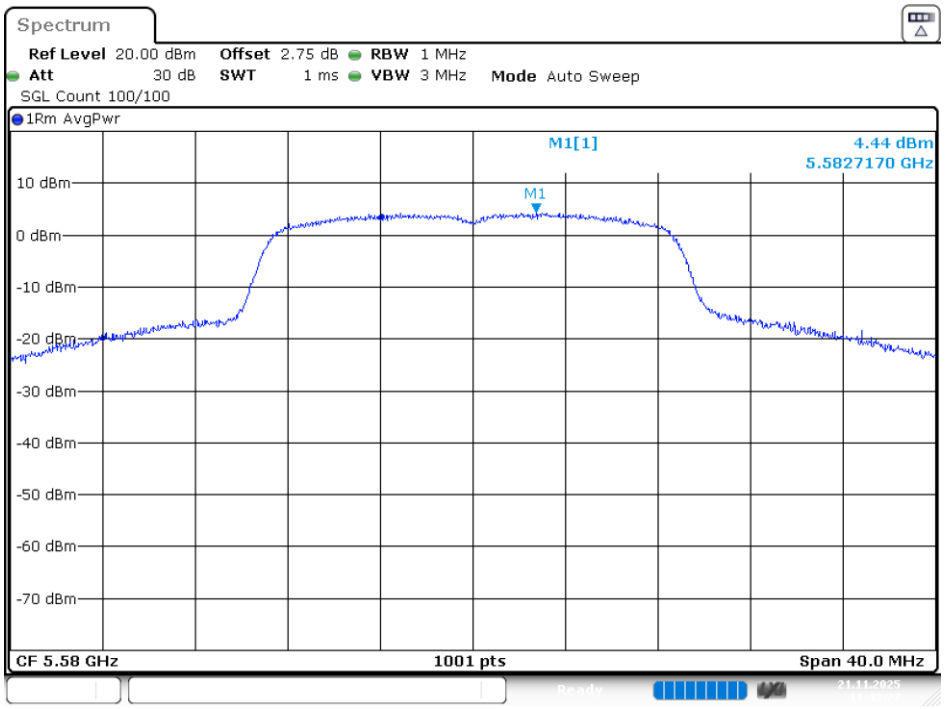
802.11 ac20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 11:10:24

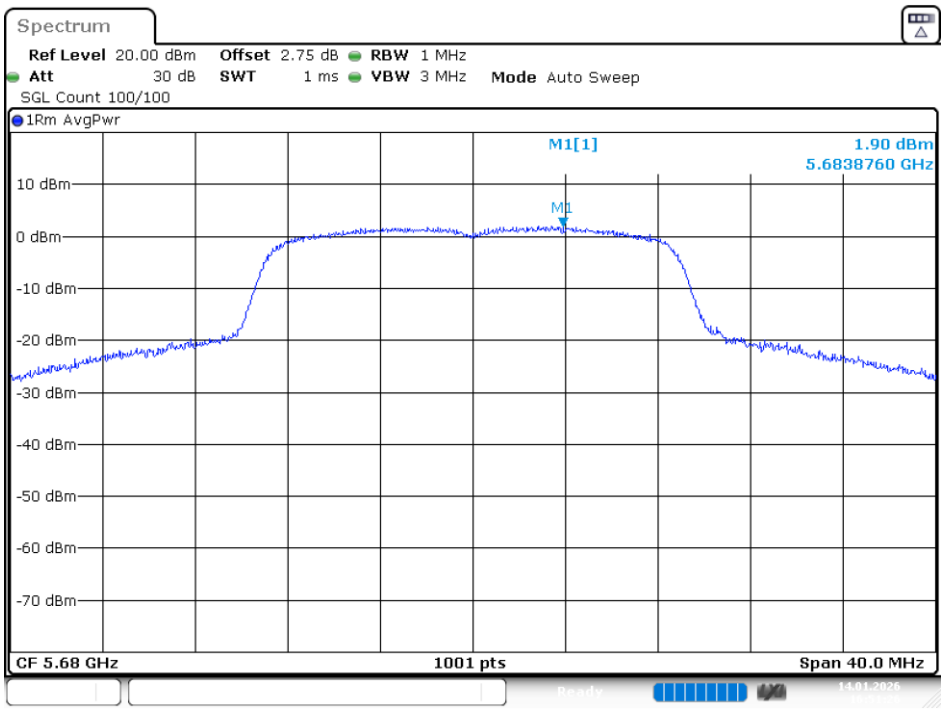
5580MHz



Date: 21.NOV.2025 11:42:27

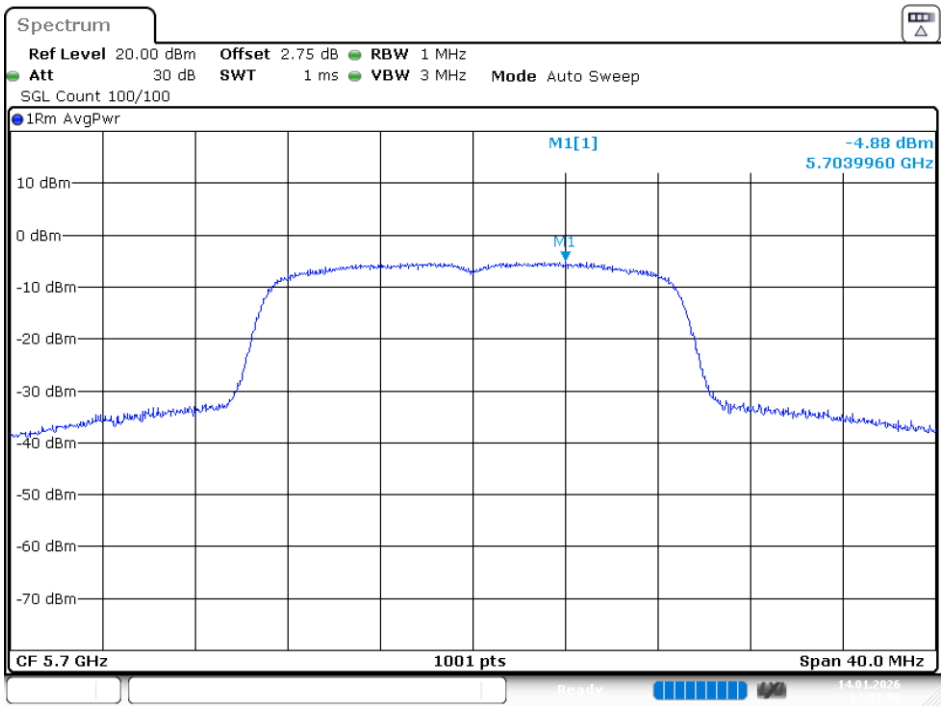
Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Linkou Laboratory)

5680MHz



Date: 14.JAN.2026 16:51:27

5700MHz

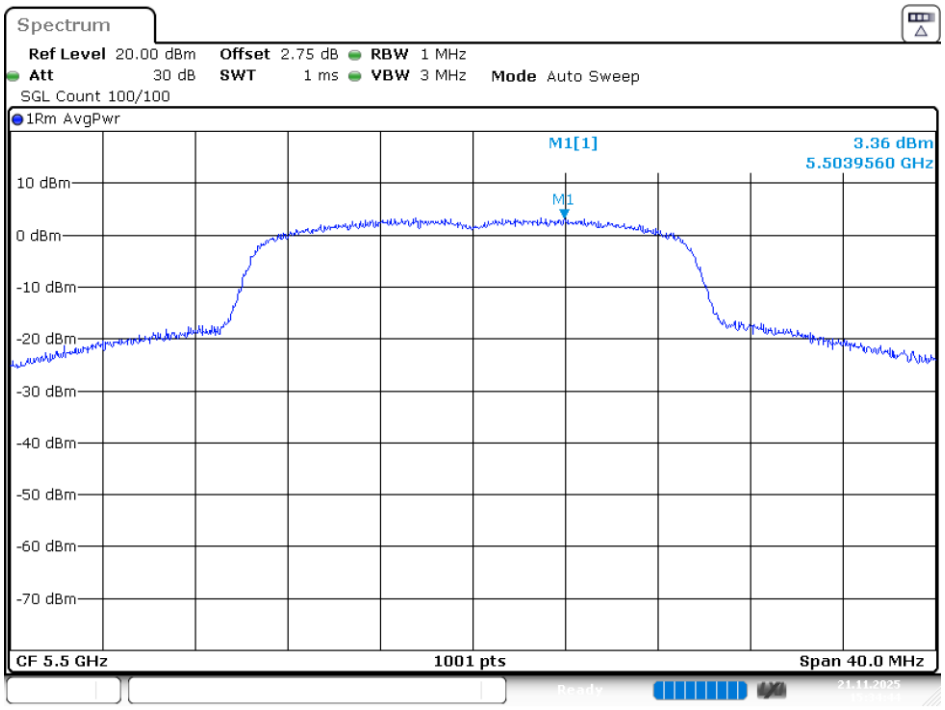


Date: 14.JAN.2026 17:03:51

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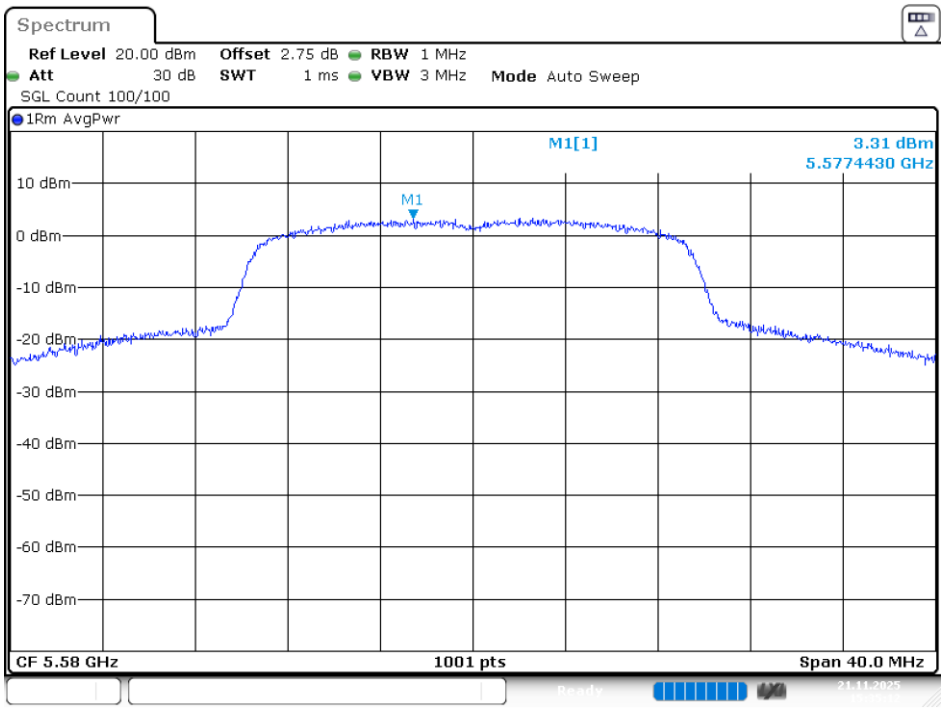
802.11 ax20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 21.NOV.2025 15:34:45

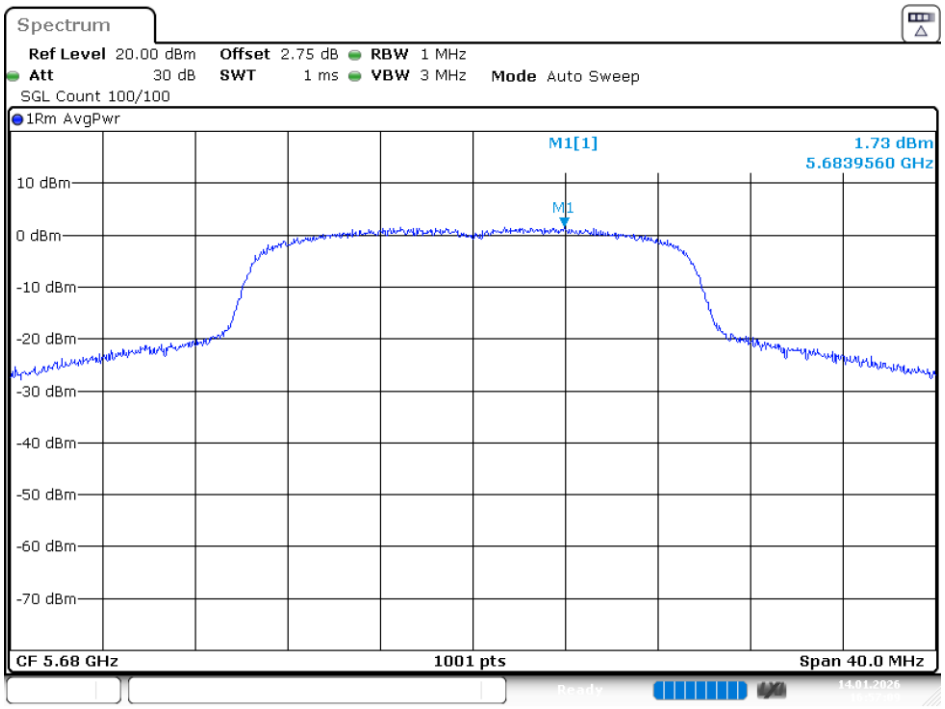
5580MHz



Date: 21.NOV.2025 15:35:13

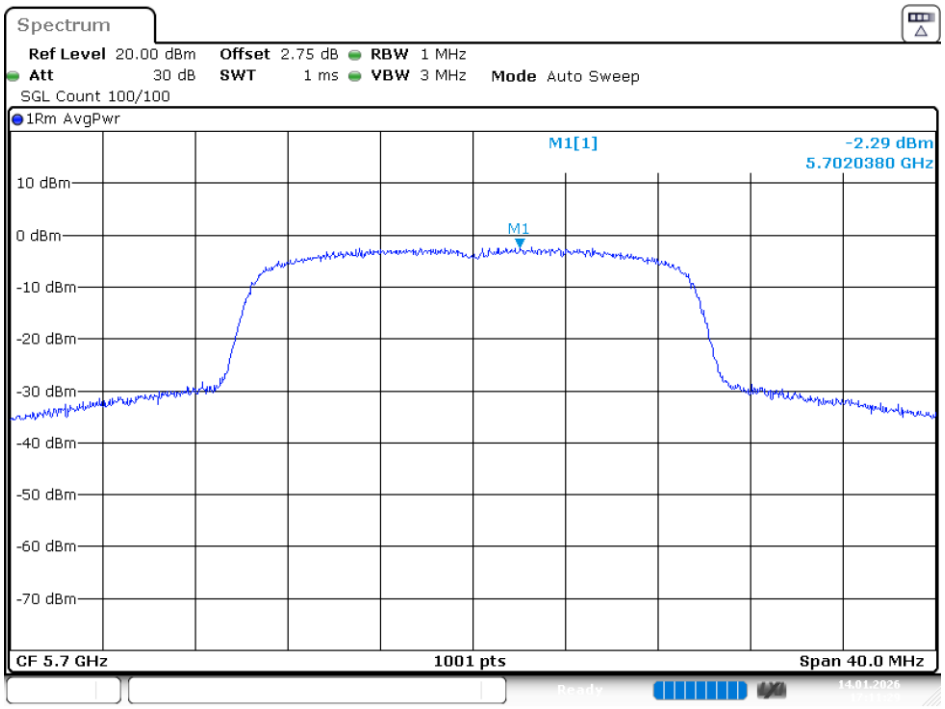
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5680MHz



Date: 14.JAN.2026 16:57:09

5700MHz



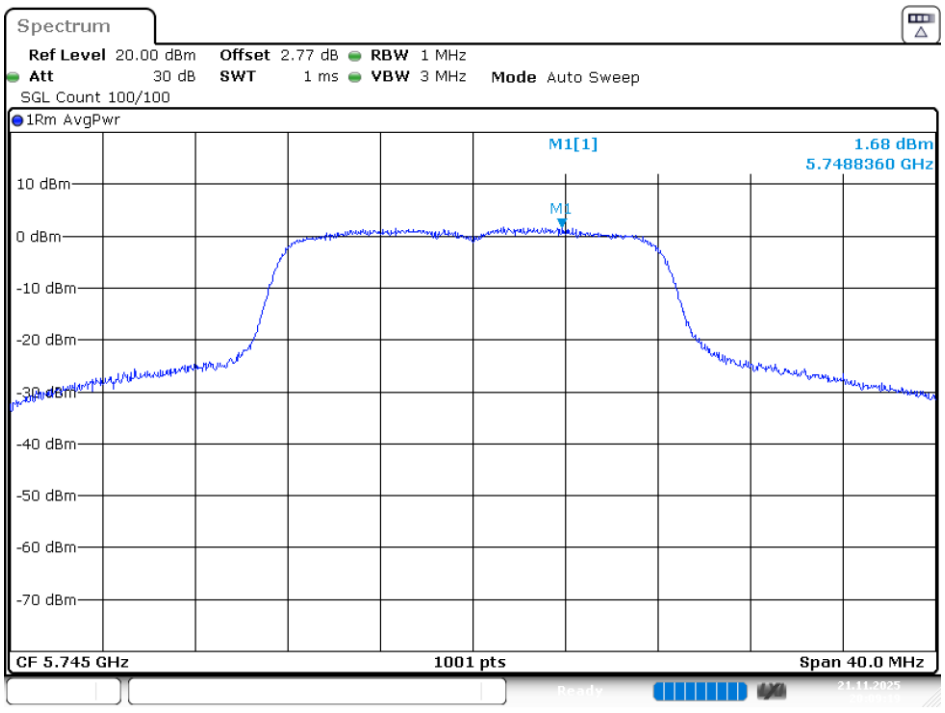
Date: 14.JAN.2026 17:11:30

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UNII-3 Band IV / PSD

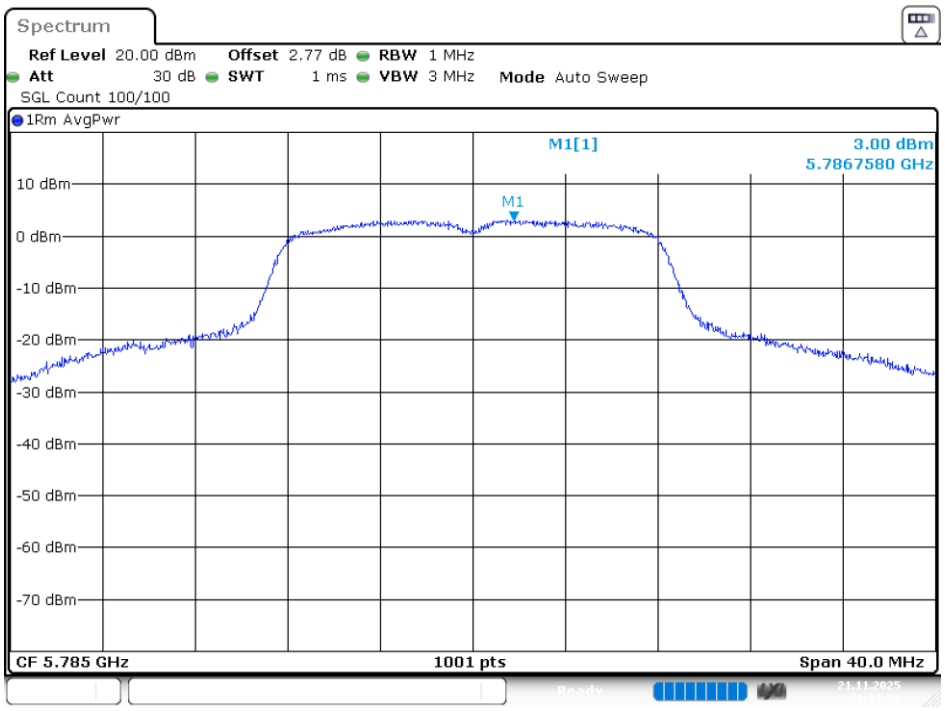
802.11a Mode / 5725 ~ 5850MHz

5745MHz



Date: 21.NOV.2025 20:09:19

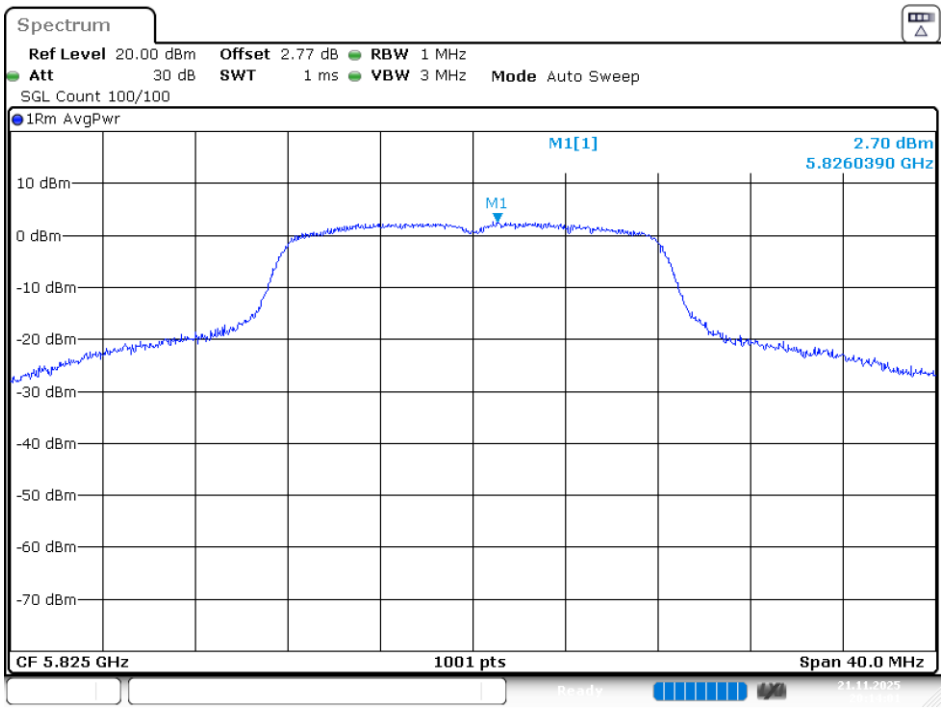
5785MHz



Date: 21.NOV.2025 20:11:58

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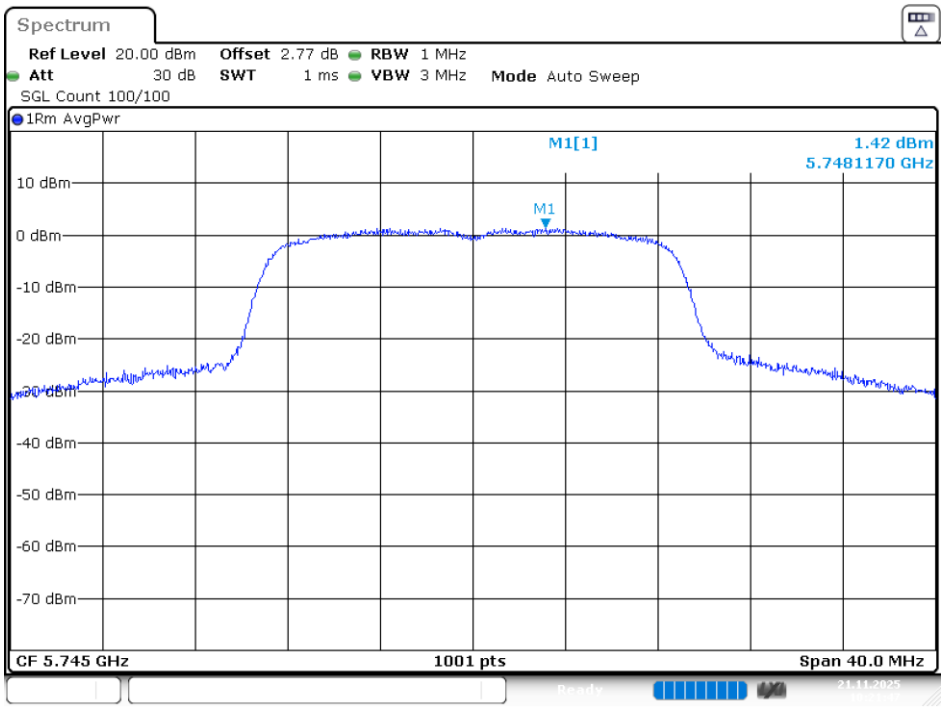
5825MHz



Date: 21.NOV.2025 20:14:01

802.11 n20 Mode / 5725 ~ 5850MHz

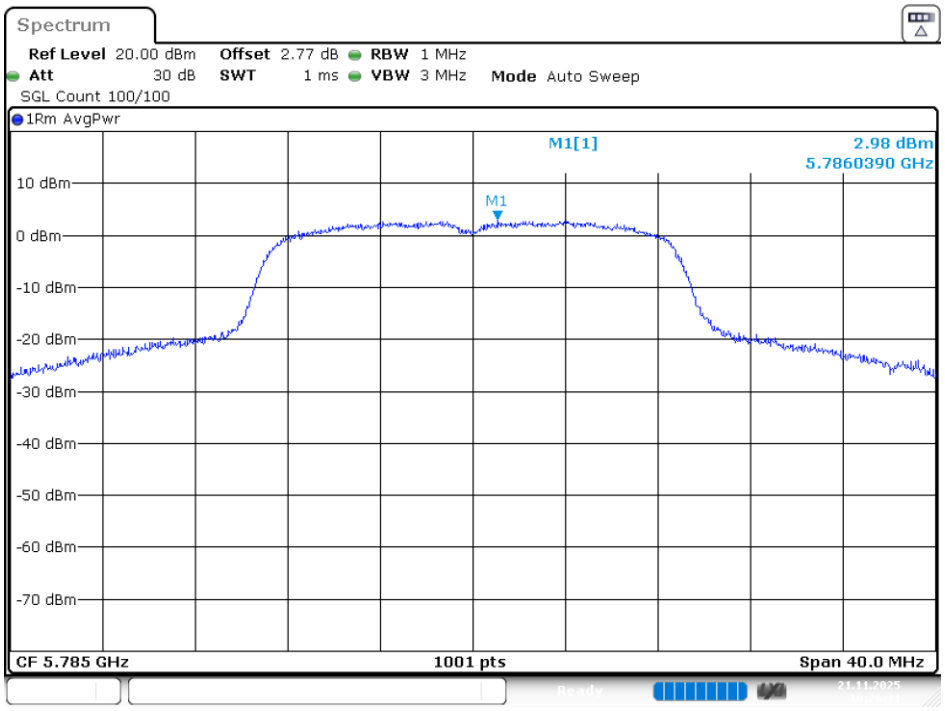
5745MHz



Date: 21.NOV.2025 10:21:48

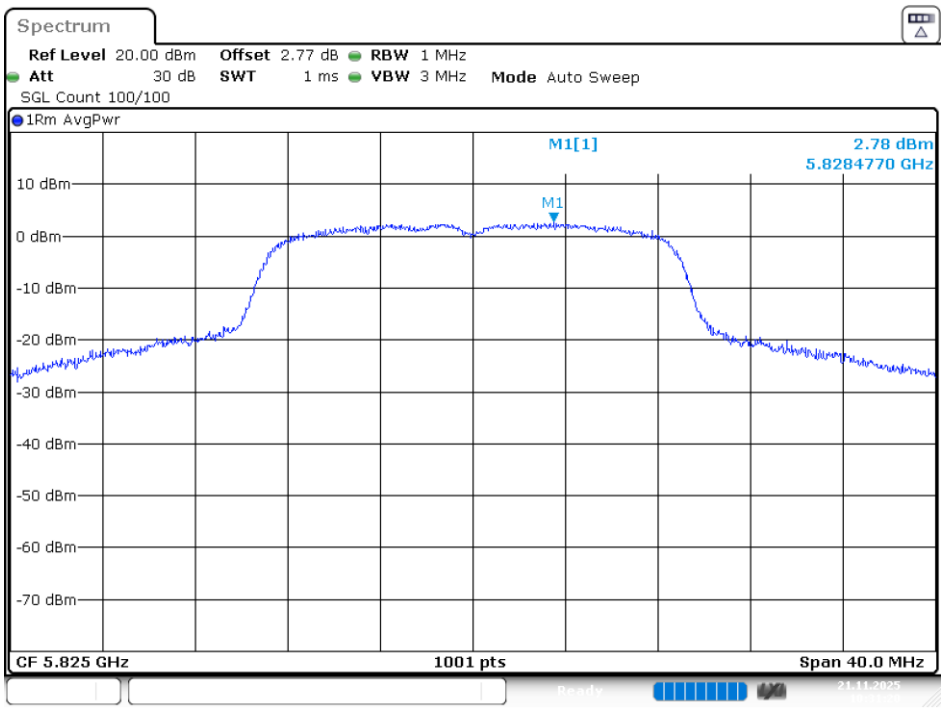
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5785MHz



Date: 21.NOV.2025 10:26:32

5825MHz

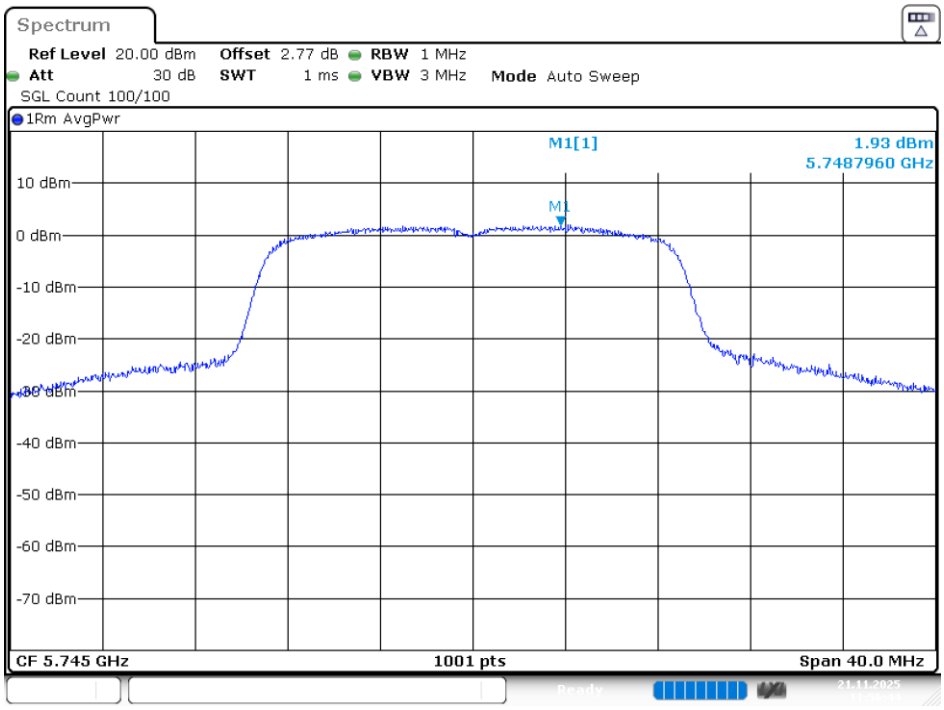


Date: 21.NOV.2025 10:31:20

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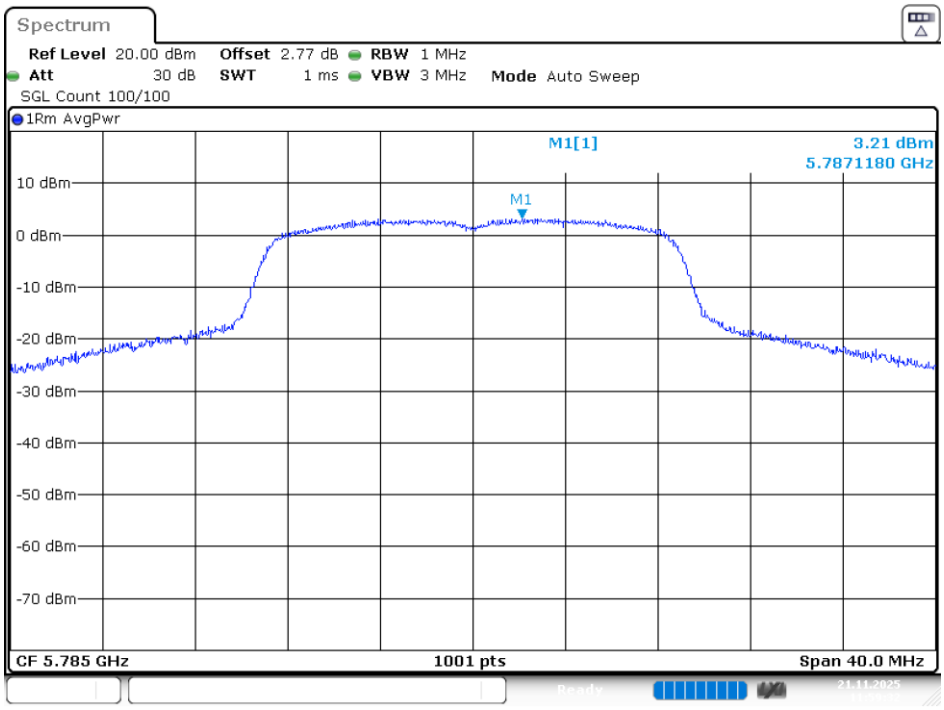
802.11 ac20 Mode / 5725 ~ 5850MHz

5745MHz



Date: 21.NOV.2025 11:56:44

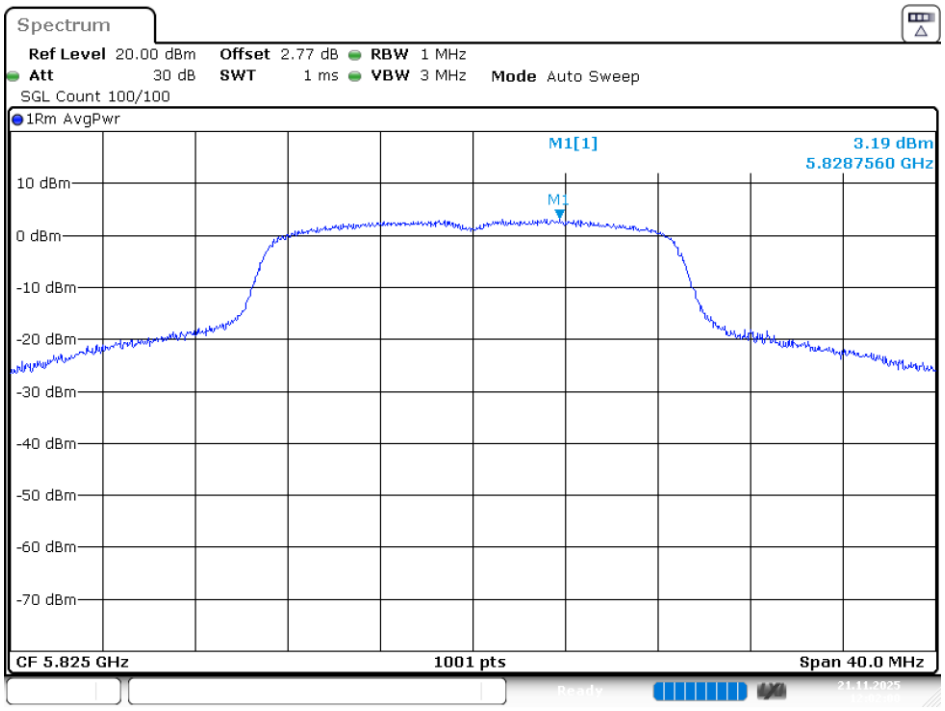
5785MHz



Date: 21.NOV.2025 11:59:33

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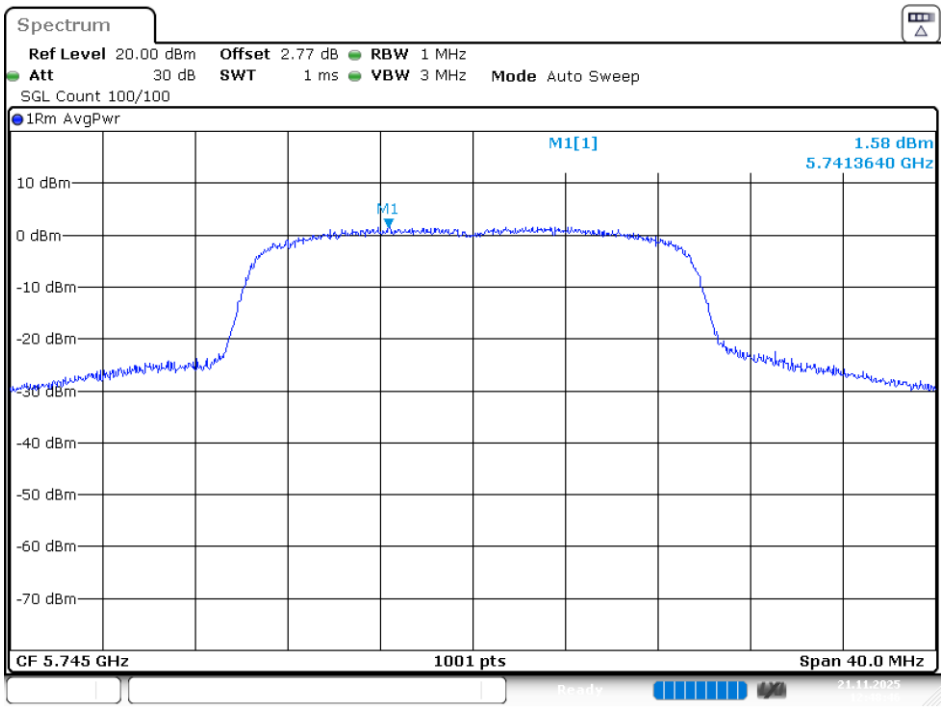
5825MHz



Date: 21.NOV.2025 12:02:00

802.11 ax20 Mode / 5725 ~ 5850MHz

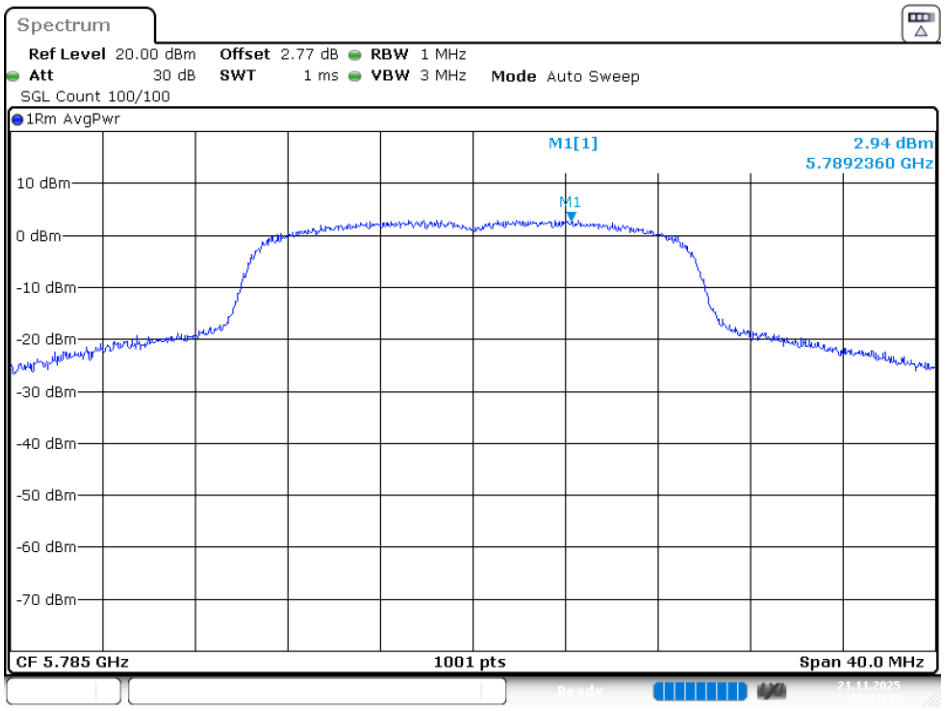
5745MHz



Date: 21.NOV.2025 12:48:46

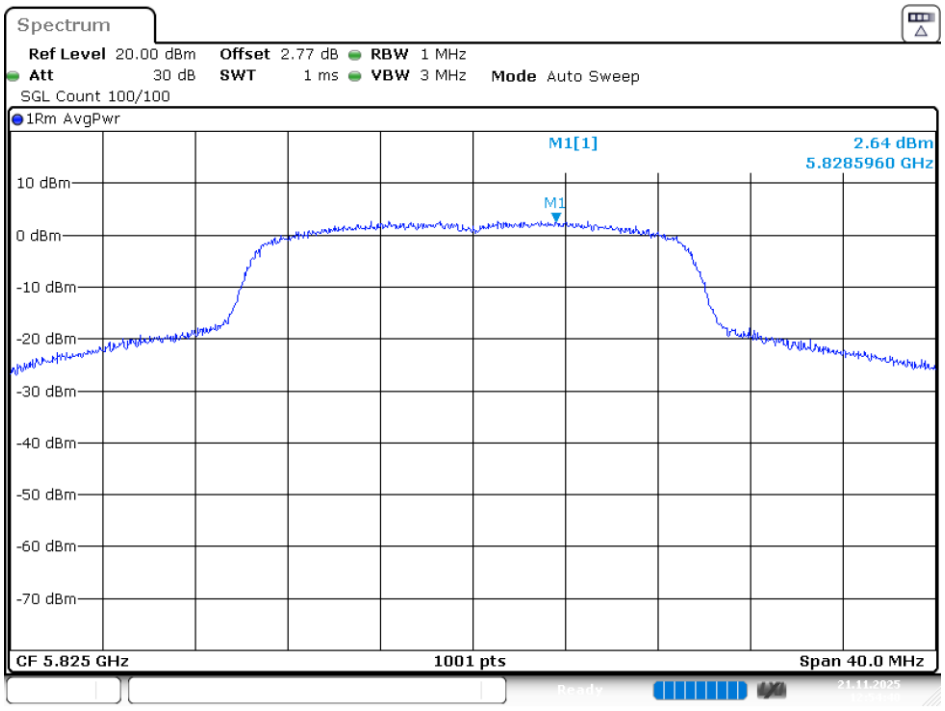
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5785MHz



Date: 21.NOV.2025 12:51:36

5825MHz



Date: 21.NOV.2025 12:54:40

******* END OF REPORT *******

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