TEST REPORT

Applicant:	**Renesas Design Korea Inc.**
Address:	**7th SiliconPark, 35 Pangyo-ro 255 beon-gil Bundang-gu, Seongnam-si, Gyeonggi-do, 13486 Republic of Korea**
Product Name:	**RRQ61051 Module**
Model(s):	**RRQ61051-008**
Type of Equipment:	**Certification Ordinance Article 2, Paragraph 1, Item 19-3**
Test method(s):	DSPR ５ＧＨｚ帯小電力データ通信システムの特性試験方法
Report Number:	**2502Q45186E-RF-07C**
Report Date:	**2025/12/19**

The above device has been tested and found compliant with the requirement of the relevant standards by Bay Area Compliance Laboratories Corp. (Dongguan).

Reviewed By:	**Carlos Wu**
Title:	**Project Engineer**
Approved By:	**Rocky Xiao**
Title:	**RF Supervisor**

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China
Tel: +86-769-86858888
Fax: +86-769-86858891
www.baclcorp.com.cn

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2502Q45186E-RF-07C	Original Report	2025/12/19

GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

Product Name:	RRQ61051 Module
Test Model:	RRQ61051-008
Rated Input Voltage:	1.8~3.6Vdc (Typical:3.3Vdc)
Serial Number:	2YV8-1
EUT Received Date:	2025/2/26
EUT Received Status:	Good

Accessory Information

Accessory Description	Manufacturer	Model	Parameters
/	/	/	/

Technical Specification

Operation Frequency Range (MHz):	802.11 a/n20/ac20/ax20: 5180-5240MHz, 5260-5320 MHz,5500-5720MHz
Max. RF Output Power (Conducted) (mW/MHz):	W52(5180-5240M/Hz): 802.11a: 1.2 802.11n 20: 1.0 802.11ac 20: 1.1 802.11ax20: 1.1 W53(5260-5320 MHz): 802.11a: 1.3 802.11n 20: 1.0 802.11ac 20: 1.1 802.11ax20: 1.0 W56(5500-5720MHz): 802.11a: 1.0 802.11n 20: 0.8 802.11ac 20: 1.1 802.11ax20: 0.9
Number of TX Chain(s):	1
Number of RX Chain(s):	1
Antenna Gain (dBi)▲:	3.4
Modulation Type:	OFDM, OFDMA
Emission Type	G1D, D1D
Note: *1. The manufacturer declares that the 802.11 ax HE mode only supports full RU and doesn't support partial RU.* *2. The manufacturer declares that the EUT is a secondary device (client device) and without radar detection but with TPC function.*	

SUMMARY OF TEST RESULTS

SN	Description Of Test	Result
1	Frequency Tolerance	Compliant
2	Occupied Bandwidth	Compliant
3	Transmitter Spurious Emission Strength	Compliant
4	Output Power and Output Power Tolerance	Compliant
5	Adjacent Channel Power	Compliant
6	Secondary Radiated Emission Strength	Compliant
7	Radio Interference Prevention Capability	Compliant
8	Transmission Burst Length	Compliant
9	Transmission Power Control Function (TPC)	Compliant*
10	Carrier Sense Capability	Compliant
11	Dynamic Frequency Selection (DFS)	Compliant**
12	Construction Protection Confirmation	Compliant

Note:

Compliant: The manufacturer declares that the EUT supports the TPC function. Only the TPC_H (high power level) is performed because it is below the limit of without TPC, refer to the clause "Output Power and Output Power Tolerance".*

*Compliant**: Please refer to the DFS test report.*

DESCRIPTION OF TEST CONFIGURATION

Operation Frequency Detail

The system was configured for testing in engineering mode, which was provided by manufacture. The system supports 802.11 a/n20/ac20/ax20 modes.

For W52 band, 4 channels are provided:

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

For 802.11a/n 20/ac20/ax20, Channel 36, 40 and 48 were tested. For additional channel 44, only part items were test to prove its compliance, because the power difference was too great that the channel 48 compared with channel 36 and 40.

For W53 band, 4 channels are provided:

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

For 802.11a/n 20/ac20/ax20, Channel 52, 56 and 64 were tested. For additional channel 60, only part items were test to prove its compliance, because the power difference was too great that the channel 52 compared with channel 56 and 64.

For W56 band, 12 channels are provided:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	140	5700
120	5600	144	5720

For 802.11a/n20/ac20/ax20, Channel 100, 120 and 144 were tested.

The extreme voltage test conditions which were declared by the manufacturer and the normal conditions are as below:

NV: Normal Voltage 3.3V_{DC}

LV: Low Voltage 1.8V_{DC}

HV: High Voltage 3.6V_{DC}

The EUT in built a power manage system, power deviation of the RF chipset input is less than 1% when the extreme voltage supplied, therefore the test only performed at normal condition. Details as following:

Voltage Condition	Input(V_{DC})	RF System Voltage(V_{DC})
NV	3.3	3.3
LV	1.8	3.3
HV	3.6	3.3

EUT Operation Condition

The EUT was configured for testing in Engineering Mode, which was provided by the manufacturer. The EUT configuration as below:

EUT Exercise Software:	Tera Term VT

The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer▲. The worst-case data rates are determined to be as follows for each mode based upon investigations by measuring the output power across all data rates, bandwidths, and modulations.

Operation Bands	Mode	Channel	Frequency (MHz)	Data rate (Mbps)	Power level
W52	802.11 a	Low	5180	6 Mbps	11
		Middle	5200	6 Mbps	10
		Additional	5220	6 Mbps	10
		High	5240	6 Mbps	5
	802.11 n20	Low	5180	HT MCS0	10
		Middle	5200	HT MCS0	10
		Additional	5220	HT MCS0	10
		High	5240	HT MCS0	5
	802.11 ac20	Low	5180	VHT MCS0	10
		Middle	5200	VHT MCS0	10
		Additional	5220	VHT MCS0	10
		High	5240	VHT MCS0	4
	802.11 ax20	Low	5180	HE MCS0	10
		Middle	5200	HE MCS0	10
		Additional	5220	HE MCS0	10
		High	5240	HE MCS0	5
W53	802.11 a	Low	5260	6 Mbps	5
		Middle	5280	6 Mbps	11
		Additional	5300	6 Mbps	11
		High	5320	6 Mbps	9
	802.11 n20	Low	5260	HT MCS0	5
		Middle	5280	HT MCS0	10
		Additional	5220	HT MCS0	10
		High	5320	HT MCS0	9
	802.11 ac20	Low	5260	VHT MCS0	5
		Middle	5280	VHT MCS0	10
		Additional	5300	VHT MCS0	10
		High	5320	VHT MCS0	9
	802.11 ax20	Low	5260	HE MCS0	4
		Middle	5280	HE MCS0	10
		Additional	5300	HE MCS0	10
		High	5320	HE MCS0	9
W56	802.11 a	Low	5500	6 Mbps	10
		Middle	5600	6 Mbps	10
		High	5720	6 Mbps	8

	802.11 n20	Low	5500	HT MCS0	10
		Middle	5600	HT MCS0	10
		High	5720	HT MCS0	7
	802.11 ac20	Low	5500	VHT MCS0	10
		Middle	5600	VHT MCS0	10
		High	5720	VHT MCS0	8
	802.11 ax20	Low	5500	HE MCS0	10
		Middle	5600	HE MCS0	10
		High	5720	HE MCS0	8

Equipment Modifications

No modifications are made to the EUT during all test items.

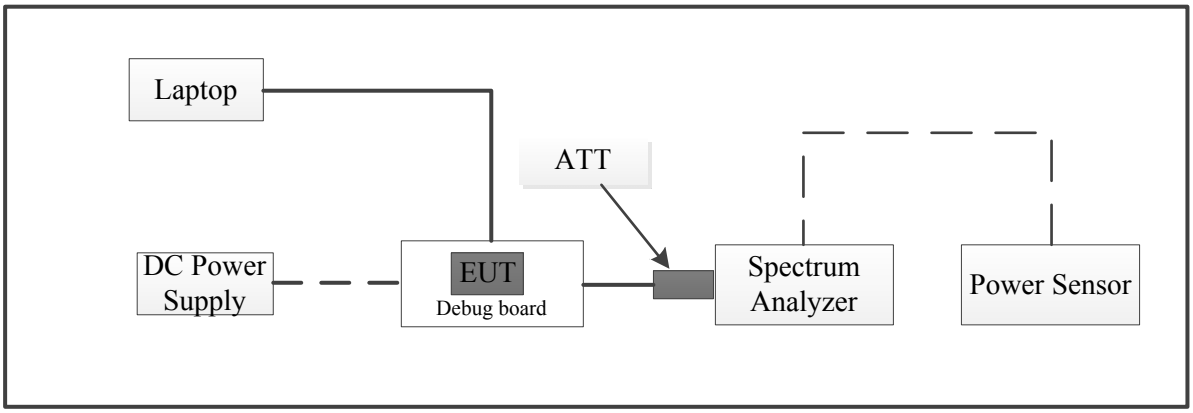
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Azeyoo	Laptop	AL141U	unknown
unknown	Debug Board	unknown	unknown

Support Cable List and Details

Manufacturer	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	NO	NO	1.1	Debug Board	Laptop
DC Cable	NO	NO	0.8	EUT	DC Power Supply

Configuration of Test Setup



Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

Measurement Uncertainty

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

Parameter	Measurement Uncertainty
Frequency error	$\pm 0.082\times10^{-6}$
Occupied bandwidth	±5 %
Unwanted emission strength(TX&RX)	±2.47dB
RF output power, conducted	±0.61dB
Temperature	±1℃
Humidity	±5%
Duty Cycle	1%
DC and low frequency voltages	±0.4%

1 - FREQUENCY TOLERANCE

Limit

Within ±20ppm.

Test Procedure

Set the EUT to the measurement frequency without modulation.
Setting of SA is following as: Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
Record the peak spot frequency.

If the EUT can`t set at un-modulation mode, measure the 10dBc center frequency.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

2 - OCCUPIED BANDWIDTH

Limit

Item	Limits
Occupied Bandwidth:	W52/W53/W56: ≤ 18MHz(20MHz Mode DSSS) ≤ 20MHz(20MHz Mode OFDM) ≤ 40MHz (40MHz Mode OFDM) ≤ 80MHz (80MHz Mode OFDM)

Test Procedure

1. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / SPAN: 2*Nominal Bandwidth/ Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
2. EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

3 - TRANSMITTER SPURIOUS EMISSION STRENGTH

Limit

Spurious Emission:

* Attachment 1 (Unwanted Emission Strength)

W52			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,142 MHz or less : 2.5 μW/MHz	5,142 MHz or less : 2.5 μW/MHz	5,141.6 MHz or less : 2.5 μW/MHz	5,123.2 MHz or less : 2.5 μW/MHz
5,142 - 5,150 MHz : 15 μW/MHz	5,142 - 5,150 MHz : 15 μW/MHz	5,141.6 - 5,150 MHz : 15 μW/MHz	5,123.2 - 5,150 MHz : 15 μW/MHz
	5,250 - 5,250.2 MHz : $10^{1-(8/3)(f-9.75)}$mW/MHz		
5,250 - 5,251 MHz : $10^{1-(f-9)}$mW/MHz	5,250.2 - 5,251 MHz : $10^{1-(f-9)}$mW/MHz	5,250 - 5,251 MHz : $10^{-(f-20)+log(1/2)}$mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)+log(1/4)}$mW/MHz
5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,251 - 5,260 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,251 - 5,270 MHz : $10^{-(8/190)(f-21)-1+log(1/2)}$mW/MHz	5,251 - 5,290 MHz : $10^{-(8/390)(f-41)-1+log(1/4)}$mW/MHz
5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,260 - 5,266.7 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,270 - 5,278.4 MHz : $10^{-(3/50)(f-40)-1.8+log(1/2)}$mW/MHz	5,290 - 5,296.7 MHz : $10^{-(3/100)(f-80)-1.8+log(1/4)}$mW/MHz
5,266.7 MHz or more : 2.5 μW/MHz	5,266.7 MHz or more : 2.5 μW/MHz	5,278.4 MHz or more : 2.5 μW/MHz	5,296.7 MHz or more : 2.5 μW/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

W53			
20MHz system		40MHz system	80MHz system
OBW : 18MHz or less	OBW : 18 - 20 MHz		
5,233.3 MHz or less : 2.5 μW/MHz	5,233.3 MHz or less : 2.5 μW/MHz	5,221.6 MHz or less : 2.5 μW/MHz	5,203.3 MHz or less : 2.5 μW/MHz
5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,233.3 - 5,240 MHz : $10^{-1.8-(6/50)(f-20)}$mW/MHz	5,221.6 - 5,230 MHz : $10^{-(3/50)(f-40)-1.8+log(1/2)}$mW/MHz	5,203.3 - 5,210 MHz : $10^{-(3/100)(f-80)-1.8+log(1/4)}$mW/MHz
5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,240 - 5,249 MHz : $10^{-1-(8/90)(f-11)}$mW/MHz	5,230 - 5,249 MHz : $10^{-(8/190)(f-21)-1+log(1/2)}$mW/MHz	5,210 - 5,249 MHz : $10^{-(8/390)(f-41)-1+log(1/4)}$mW/MHz
5,249 - 5,250 MHz : $10^{1-(f-9)}$mW/MHz	5,249 - 5,249.8 MHz : $10^{1-(f-9)}$mW/MHz	5,249 - 5,250 MHz : $10^{-(f-20)+log(1/2)}$mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)+log(1/4)}$mW/MHz
5,350 MHz or more : 2.5 μW/MHz	5,249.8 - 5,250 MHz : $10^{1-(8/3)(f-9.75)}$mW/MHz	5,350 - 5,358.4 MHz : 15 μW/MHz	5,350 - 5,376.8 MHz : 15 μW/MHz
	5,350 MHz or more : 2.5 μW/MHz	5,358.4 MHz or more : 2.5 μW/MHz	5,376.8 MHz or more : 2.5 μW/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)

W56			
20MHz system		40MHz system	80MHz system
DSSS, etc.	OFDM		
5,470 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 2.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz	5,460 MHz or less : 12.5 uW/MHz
	5,460 - 5,470 MHz : 12.5 uW/MHz	5,460 - 5,470 MHz : 50 uW/MHz	5,460 - 5,469.5 MHz : 50 uW/MHz
5,730 MHz or more : 12.5 uW/MHz	5,745 - 5,765 MHz : 12.5 uW/MHz	5,770 MHz or more : 12.5 uW/MHz	5,469.5 - 5,470 MHz : 51.2 uW/MHz
	Over 5,765 MHz : 2.5 uW/MHz		'5,770 MHz or more : 12.5 uW/MHz

Test Procedure

❖ Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous transmitting mode” by spread spectrum.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

4 - OUTPUT POWER AND OUTPUT POWER TOLERANCE

Limit

For W52, W53 Band:

Item	Band	Limits
Antenna Power	W52/W53	20M System:≤10mW/MHz 40M System:≤5mW/MHz 80M System:≤2.5mW/MHz
E.I.R.P.	W52	20M System:≤10mW/MHz 40M System:≤5mW/MHz 80M System:≤2.5mW/MHz
	W53	With TPC: 20M System:≤10mW/MHz 40M System:≤5mW/MHz 80M System:≤2.5mW/MHz Without TPC: 20M System:≤5mW/MHz 40M System:≤2.5mW/MHz 80M System:≤1.25mW/MHz
Antenna Power Tolerance	W52/W53	≤+20%, -80%

For W56 Band:

Item	Band	Limits
Antenna Power	W56	20M System:≤10mW/MHz 40M System:≤5mW/MHz 80M System:≤2.5mW/MHz
E.I.R.P.	W56	With TPC: 20M System:≤50mW/MHz 40M System:≤25mW/MHz 80M System:≤12.5mW/MHz Without TPC: 20M System:≤25mW/MHz 40M System:≤12.5mW/MHz 80M System:≤6.25mW/MHz
Antenna Power Tolerance	W56	≤+50%, -50%

Test Procedure

Step 1:
Use the following settings on the spectrum analyser:
• Centre Frequency: The centre frequency of the channel under test.
• Resolution BW: 1 MHz.
• Video BW: 3 MHz.
• Detector mode: Peak.
• Averaging: Off.
• Sweep: Continuous.
• Span: Twice the nominal OBW.

Step 2:
Connect the E.U.T. to the Spectrum Analyzer and switch on the U.U.T.

Step 3:
Adjust the Reference Level of the Spectrum Analyzer so that the peak of the power envelope is between the Reference Level and the Reference Level - 10 dB. This assumes a 10 dB/devision setting is used on the spectrum analyser.

Step 4:
Use the marker to find the peak value of the power envelope.
Adjust the centre frequency of the analyser to the marker frequency, resulting in the peak of the power envelope being in the centre of the screen.

Step 5:
Change the Spectrum Analyzer settings as follows:
• Resolution BW: 1 MHz.
• Video BW: 1 MHz.
• Detector mode: Peak.
• Averaging: Off.
• Sweep: Continuous.
• Span: 0 Hz.

Step 6:
Connect a Power Meter to the "Narrow I.F" output port of the Spectrum Analyzer. The power meter is set Auto Duty factor.

NOTE: The IF output of the spectrum analyser may be 20 dB or more below the input level of the spectrum analyser. Unless the power meter has adequate sensitivity, a wideband amplifier may be required.

Adjust the Centre Frequency of the spectrum analyser carefully (fine tune) for maximum indication on the power meter.
The level measured by the power meter shall be recorded as level "D".
The maximum e.i.r.p. is calculated from the above measured “D”, and the applicable antenna assembly gain "G" in dBi, according to the formula below. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the highest gain shall be used.
• PD = D + G
The above procedure shall be repeated for each of the frequency channels.

Where the spectrum analyser bandwidth is non-Gaussian, a suitable correction factor shall be determined and applied.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

5 - ADJACENT CHANNEL POWER

Limit

Bandwidth System	Occupied Bandwidth	Sweep bandwidth	Adjacent Channel	Limits
20MHz System	OBW < 18MHz	18MHz (±9 MHz)	Adjacent Channel: ± 20MHz	≥25dB
			Second Adjacent Channel: ± 40MHz	≥40dB
	18MHz < OBW < 20MHz	20MHz (±10 MHz)	Adjacent Channel: ± 20MHz	≥25dB
			Second Adjacent Channel: ± 40MHz	≥40dB
40MHz System	20MHz < OBW < 40MHz	40MHz (±20 MHz)	Adjacent Channel: ± 40MHz	≥25dB
			Second Adjacent Channel: ± 80MHz	≥40dB
80MHz System	40MHz < OBW < 80MHz	80MHz (±40 MHz)	Adjacent Channel: ± 80MHz	≥25dB

Test Procedure

1. EUT transmitted in fixed channel (test channel) with modulation signal.
2. Setting of SA is following as: RB: 300 kHz / VB: 300 kHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Peak/ Trace mode: Max hold.
3. SA set the Channel Power Function and Channel Bandwidth: Sweep bandwidth corresponding to the tested signal, Center Frequency: The center frequency of testing for EUT, adjacent channel and second adjacent Channel as “Adjacent Channel” above. Then SA automatically calculate the channel power of EUT and adjacent channel power.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

6 - SECONDARY RADIATED EMISSION STRENGTH

Limit

4nW or below (Frequency range: 30MHz – 1GHz); 20n W or below (frequency range: 1GHz – 26GHz).

Test Procedure

❖ Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous receiving mode”.

❖ Spectrum Analyzer Conditions

- Start Frequency: Start Frequency of frequency range to measure (30MHz or 1GHz)
- Stop Frequency: Stop Frequency of frequency range to measure (1GHz or 26GHz)
- Span: AUTO (Measurement Range)
- RBW: 100 kHz, VBW: 100 kHz for Frequency < 1 GHz
- RBW: 1MHz, VBW: 1MHz for Frequency > 1 GHz
- Sweep time: AUTO or more
- Log scale: 10dB/Div, Data points: 501points (400 points or more)
- Detection: Positive Peak
- Reference Level: Enough level for maximum dynamic range

Test Data

Test Result: Compliant. The details please refer to the Appendix.

7 - RADIO INTERFERENCE PREVENTION CAPABILITY

Requirement

Article 6-2.3 of Regulations for Enforcement of the radio law

A wireless device used mainly in the same premises to automatically transmit or receive identification codes.

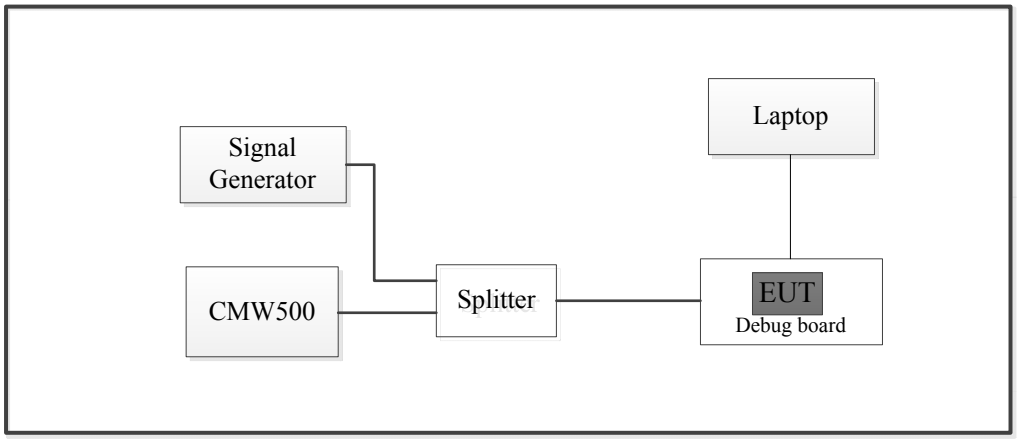
Article 1.8 of MPT Ministerial Notice No. 424 of 1994 (the last revision: Notice No. 374 of Nov. 10, 2023)

48 bits or more. However, for radio of the following frequencies, the requirement is 19 bits or more:

(1), 5150-5250MHz; 5470-5730MHz; 5925-6425MHz;
(2), 24.77-25.23GHz;
(3), 57-66GHz.

Test Procedure

- Measurement System Diagram



- 1. In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes form EUT. b. Check the transmitted identification codes with the demodulator.
- 2. In the case of receiving the identification code: a. Transmit the predetermined identification codes form the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes form the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

Test Data

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/08
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	27.4	**Relative Humidity: (%)**	64	**ATM Pressure: (kPa)**	99.9

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/2/25	2026/2/24	BACL(DG)	D
R&S	Wideband Radio Communication Tester	CMW500	149216	2024/9/5	2025/9/4	BACL Metrology	C
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2024/8/26	2025/8/25	GRGTEST	C

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes):	F0:C2:4C:2F:3C:18	/	/
Bits of ID Codes:	48 bits	19 bits or more	Compliant

Test Result: Compliant

8 - TRANSMISSION BURST LENGTH

Limit

Item	Limit
Transmission Burst Length	≤8 ms

Test Procedure

- 1. The transmitter output (antenna port) was connected to the spectrum analyzer
- 2. Set RBW of spectrum analyzer to 10MHz and VBW to 10MHz.
- 3. Use a video trigger with the trigger level set to enable triggering only on full pulses.
- 4. Sweep Time is more than once pulse time.
- 5. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
- 6. Measure the maximum time duration of one single pulse.

Test Data

Test Result: Compliant. The details please refer to the Appendix.

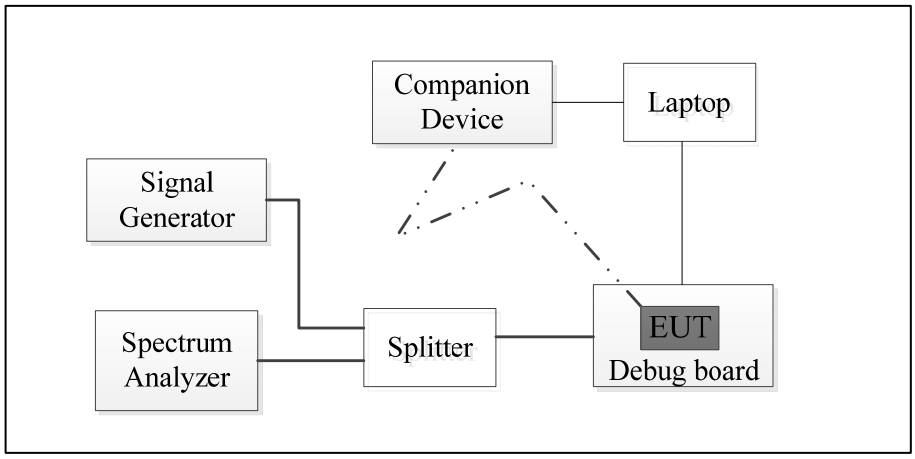
10 - CARRIER SENSE CAPABILITY

Limit

EUT stop RF transmission signal after carrier inject to EUT

Test Procedure

❖ Measurement System Diagram



Companion Device:

Manufacturer	Description	Model	Serial Number
Tenda	Router	W18E	E9382010341000028

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Azeyoo	Laptop	AL141U	unknown

❖ Conditions of Application Equipment (EUT)

- The EUT state shall be “normal mode link with wireless router”.

❖ Test Procedure

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is 100mV/m

2. turn off the RF signal of the SG.
3. EUT have transmitted the maximum modulation signal and fixed channelize.
4. Setting of SA :RBW/VBW=1MHz/1MHz,Span=50MHz,Sweep time=auto,Sweep mode=continuous, Detect mode=positive peak
5. SG RF signal on.

6. EUT shall be stop the transmitted any signal and SG RF signal off, the EUT will be continuous transmitted signal.

Test Data

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/08
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	27.4	**Relative Humidity: (%)**	64	**ATM Pressure: (kPa)**	99.9

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2025/2/25	2026/2/24	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2024/8/26	2025/8/25	GRGTEST	C

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Result: Compliant. The EUT stop transmitting in step 5, the test result is good.

12 - CONSTRUCTION PROTECTION CONFIRMATION

Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

Confirmation Result

Compliant, the RF part (Except for antenna) was covered by metal shielding case, it can`t be opened easily. Please refer the EUT photo.

EXHIBIT A – EUT PHOTOGRAPHS

Please refer to the attachment 2502Q45186E-RF-EXP EUT External photos and 2502Q45186E-RF-INP EUT Internal photos.

EXHIBIT B – TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2502Q45186E-RF-TSP Test Setup Photos.

APPENDIX - TEST DATA

Frequency Error

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/07
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	27.3	**Relative Humidity: (%)**	69	**ATM Pressure: (kPa)**	99.8

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

5.2G

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5180	5179.92305	-14.86	± 20	Pass
	5200	5199.92275	-14.86	± 20	Pass
	5240	5239.92215	-14.86	± 20	Pass

5.3G

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5260	5259.92155	-14.91	± 20	Pass
	5280	5279.92125	-14.91	± 20	Pass
	5320	5319.92065	-14.92	± 20	Pass

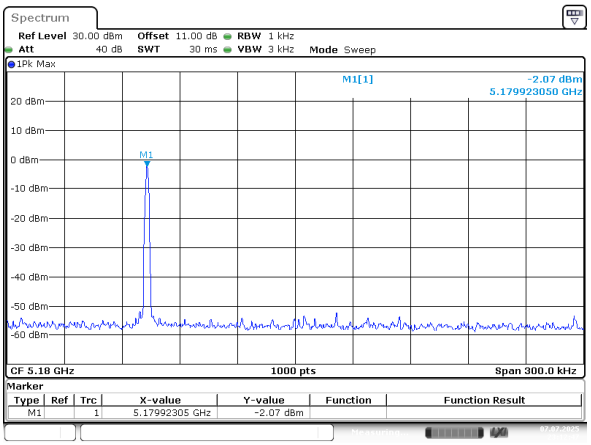
5.6G

Mode	Frequency (MHz)	Measure Frequency (MHz)	Frequency Tolerance (ppm)	Limit (ppm)	Verdict
Single Carrier	5500	5499.91795	-14.92	± 20	Pass
	5600	5599.91645	-14.92	± 20	Pass
	5720	5719.91465	-14.92	± 20	Pass

Note:
Frequency Tolerance = (Measure Frequency - Frequency)/Frequency*10^6

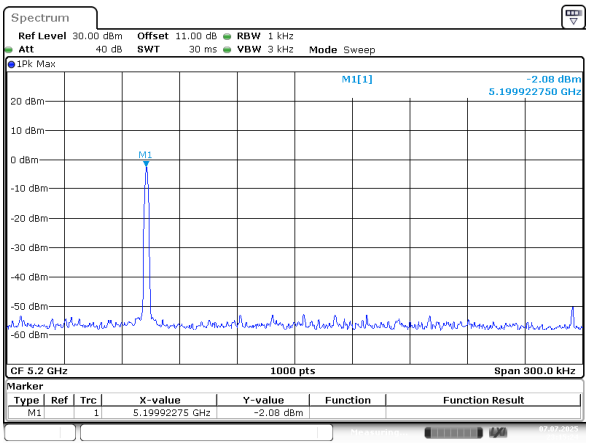
W52, Test Condition: NV

5180MHz



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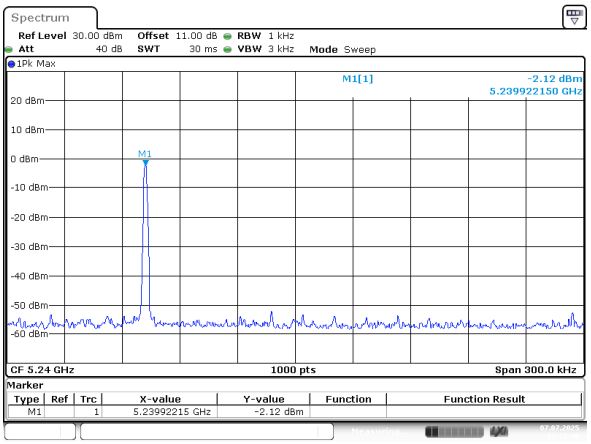
5200MHz



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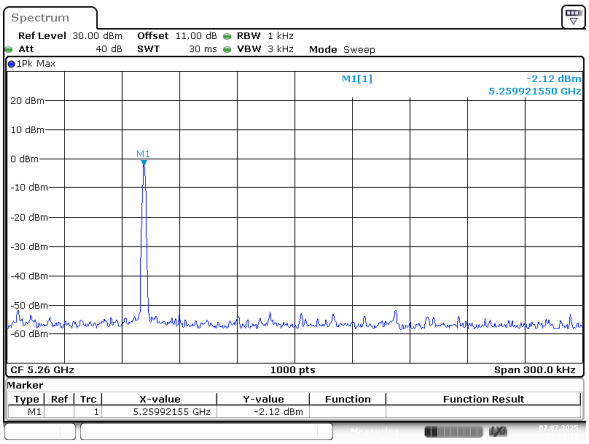
W53, Test Condition: NV

5240MHz



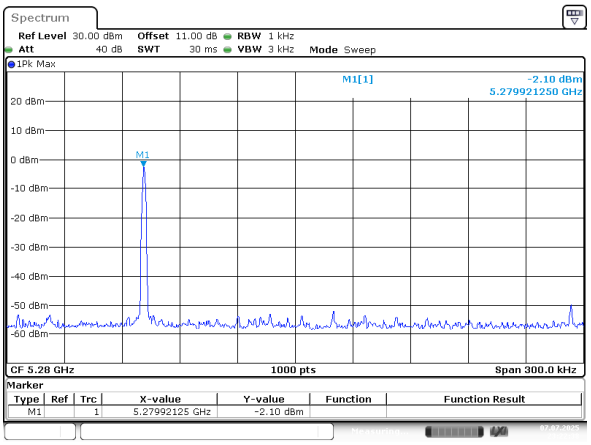
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5260MHz



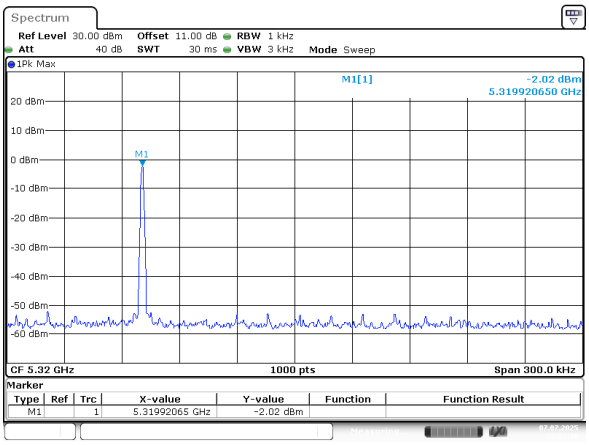
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5280MHz



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Date: 7.JUL.2025 23:22:39

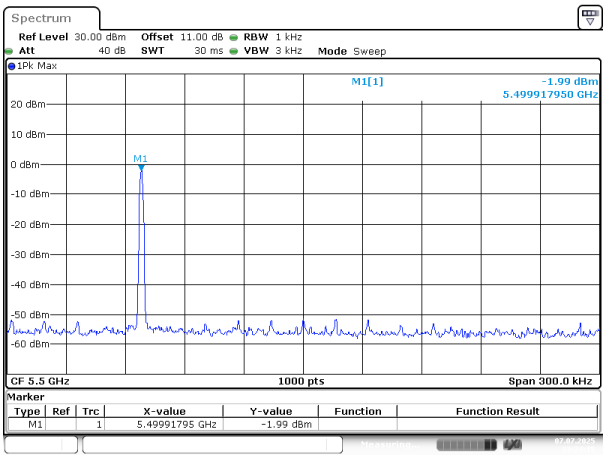
5320MHz



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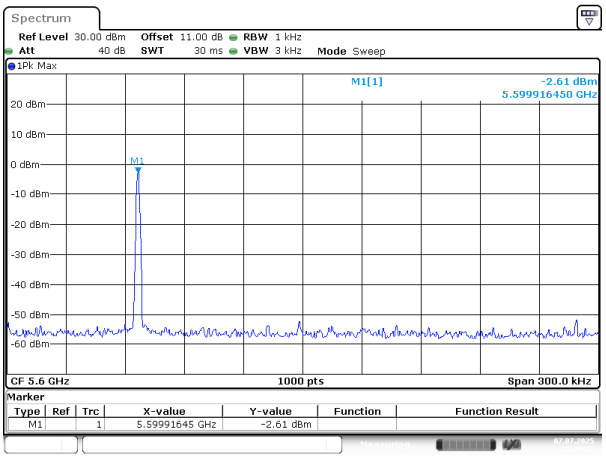
W56, Test Condition: NV

5500MHz



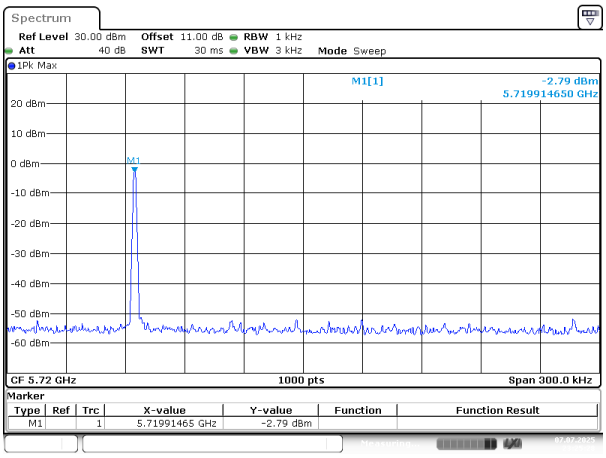
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Date: 7.JUL.2025 23:24:16

5600MHz



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:24:53

5720MHz



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:25:29

Note: Offset = Coaxial Attenuator (10dB) + Cable Loss (1dB)

Occupied Bandwidth

Test Information:

Serial No.:	2YV8-1	Test Date:	2025/07/07~2025/12/19
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cooper Zhou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.1~27.3	Relative Humidity: (%)	45~69	ATM Pressure: (kPa)	99.8~101.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
				2025/07/28	2026/07/27		
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
				2025/08/15	2026/08/14		
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

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B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

5.2G

Mode	Result(MHz)				Limit(MHz)	Verdict
Mode	Low Channel	Middle Channel	High Channel	Additional Channel		
802.11a	18.20	17.12	16.96	17.12	≤ 20	Pass
802.11n20	17.96	18.00	17.80	18.04	≤ 20	Pass
802.11ac20	18.04	18.04	17.88	18.04	≤ 20	Pass
802.11ax20	18.88	18.88	18.80	18.88	≤ 20	Pass

5.3G

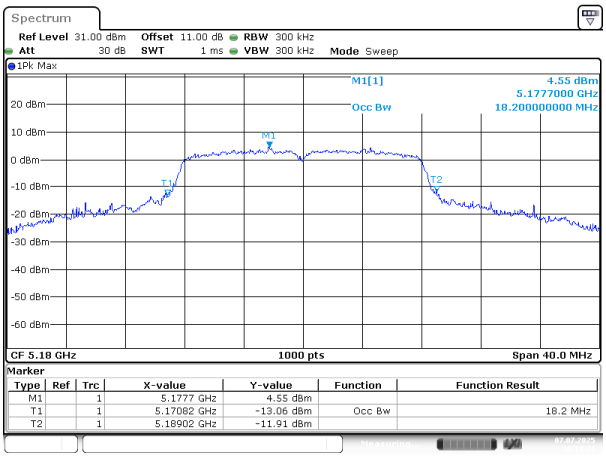
Mode	Result(MHz)				Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel	Additional Channel		
802.11a	16.96	18.16	16.96	18.48	≤ 20	Pass
802.11n20	17.84	17.96	17.88	18.04	≤ 20	Pass
802.11ac20	17.88	18.08	17.88	18.04	≤ 20	Pass
802.11ax20	18.76	18.88	18.80	18.88	≤ 20	Pass

5.6G

Mode	Result(MHz)			Limit(MHz)	Verdict
	Low Channel	Middle Channel	High Channel		
802.11a	17.20	17.12	16.96	≤ 20	Pass
802.11n20	18.00	18.08	17.88	≤ 20	Pass
802.11ac20	18.00	18.12	17.92	≤ 20	Pass
802.11ax20	18.88	18.88	18.84	≤ 20	Pass

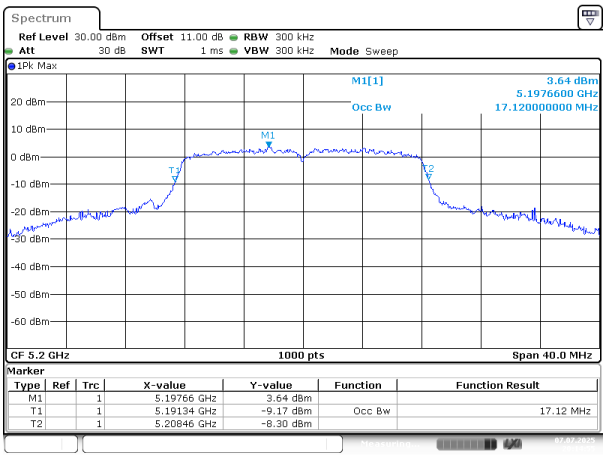
W52, Test Condition: NV

802.11a, Low Channel



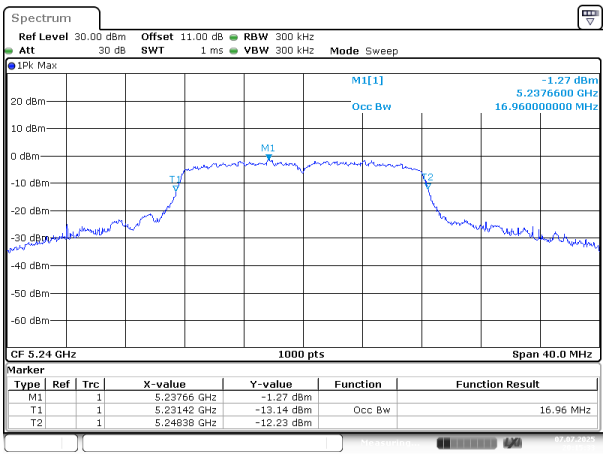
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Date: 7.JUL.2025 20:14:22

802.11a, Middle Channel



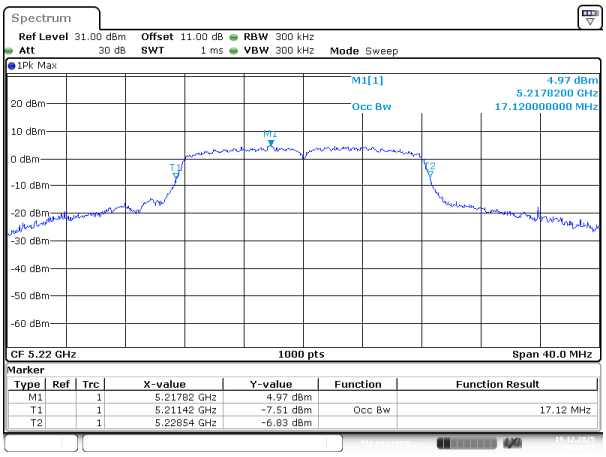
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Date: 7.JUL.2025 20:14:55

802.11a, High Channel



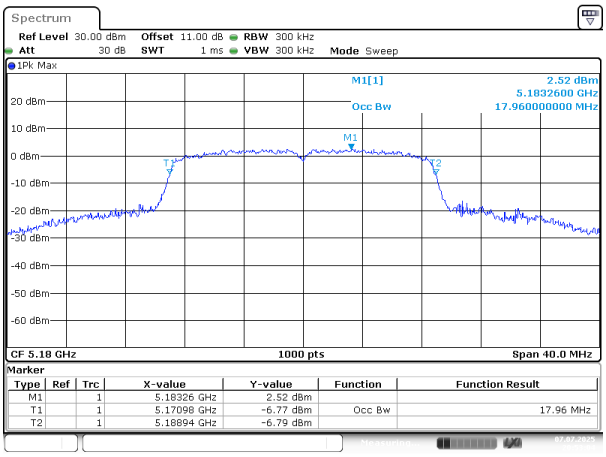
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Date: 7.JUL.2025 20:15:34

802.11a, Additional Channel



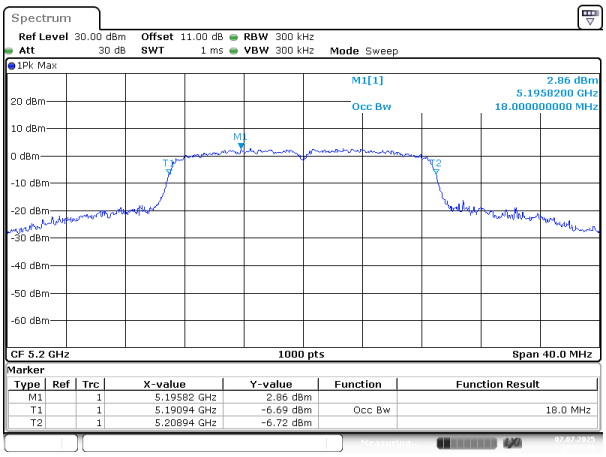
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Date: 19.DEC.2025 10:42:52

802.11n20, Low Channel



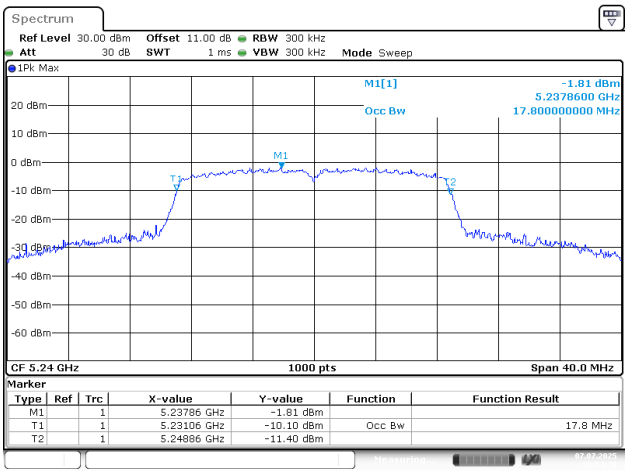
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Date: 7.JUL.2025 20:53:04

802.11n20, Middle Channel



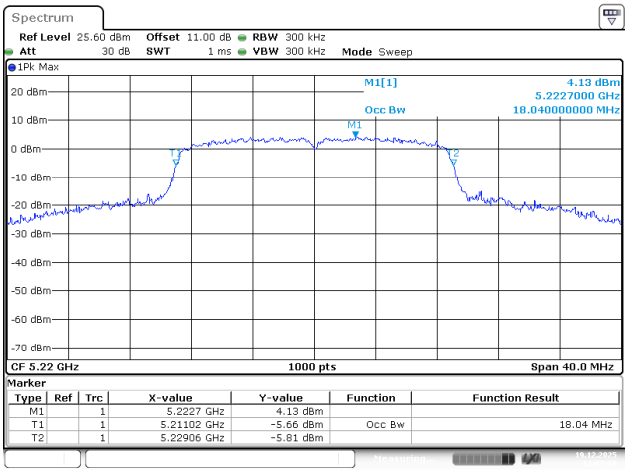
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Date: 7.JUL.2025 20:53:42

802.11n20, High Channel



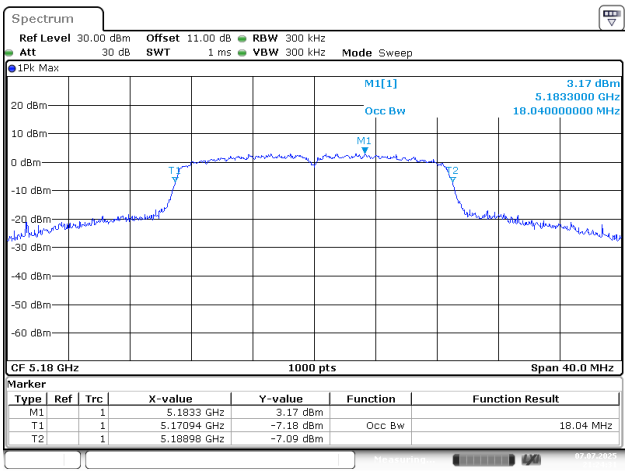
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Date: 7.JUL.2025 20:54:38

802.11n20, Additional Channel



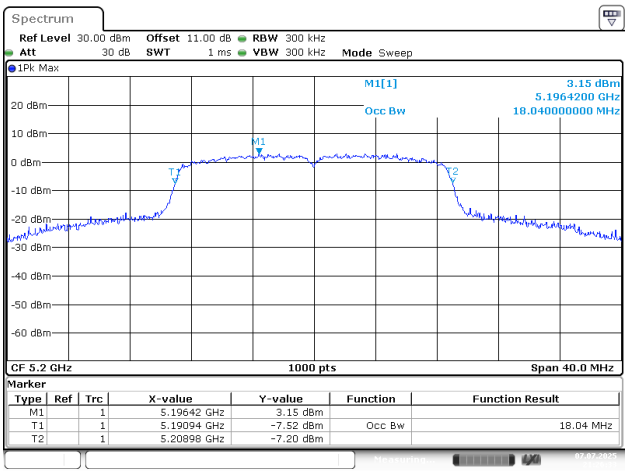
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Date: 19.DEC.2025 11:07:18

802.11ac20, Low Channel



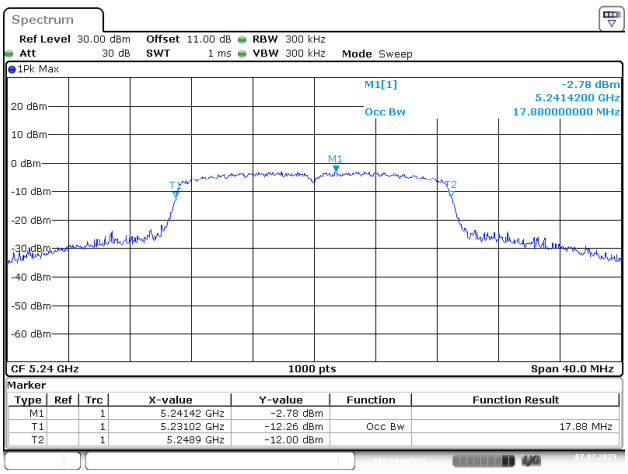
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Date: 7.JUL.2025 21:24:31

802.11ac20, Middle Channel



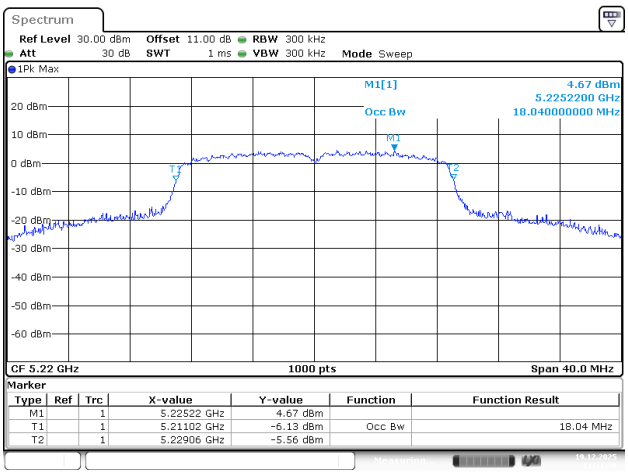
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Date: 7.JUL.2025 21:26:33

802.11ac20, High Channel



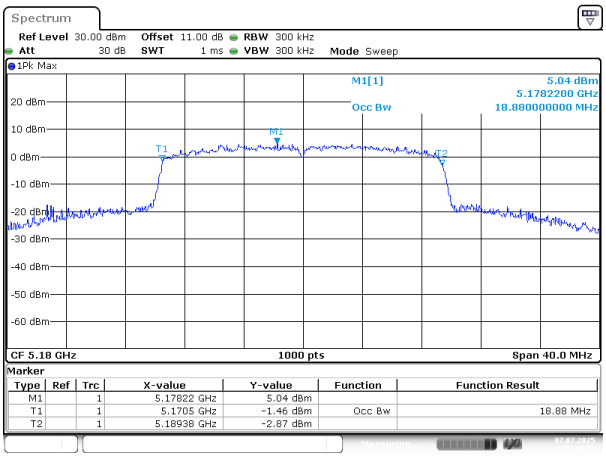
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Date: 7.JUL.2025 21:28:46

802.11ac20, Additional Channel



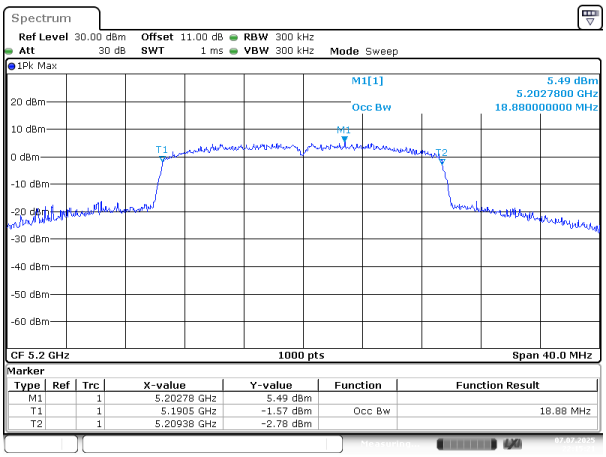
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Date: 19.DEC.2025 11:11:50

802.11ax20, Low Channel



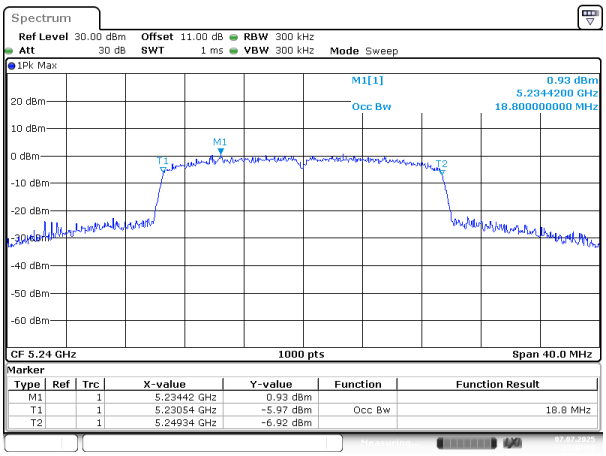
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Date: 7.JUL.2025 22:12:26

802.11ax20, Middle Channel



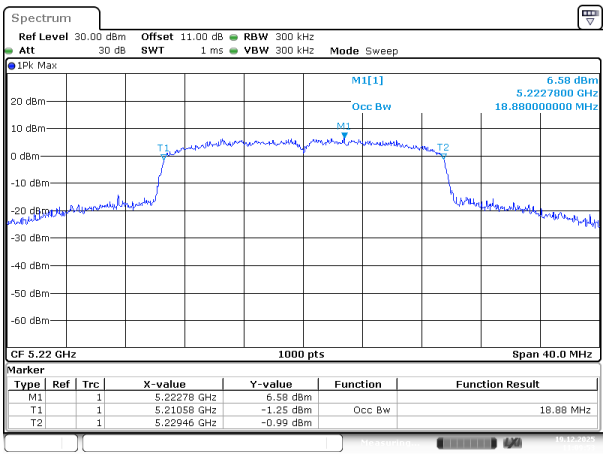
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Date: 7.JUL.2025 22:15:22

802.11ax20, High Channel



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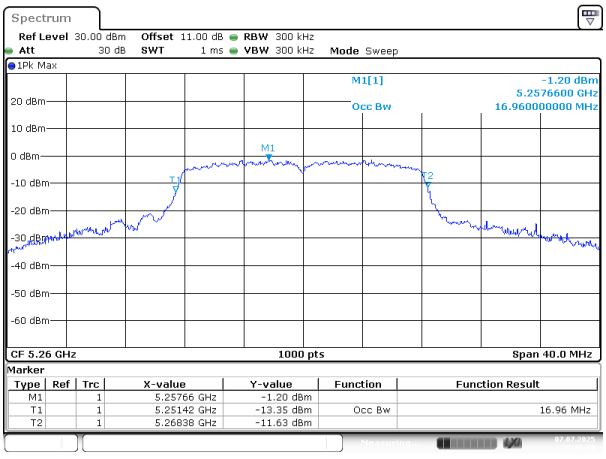
802.11ax20, Additional Channel



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:09:53

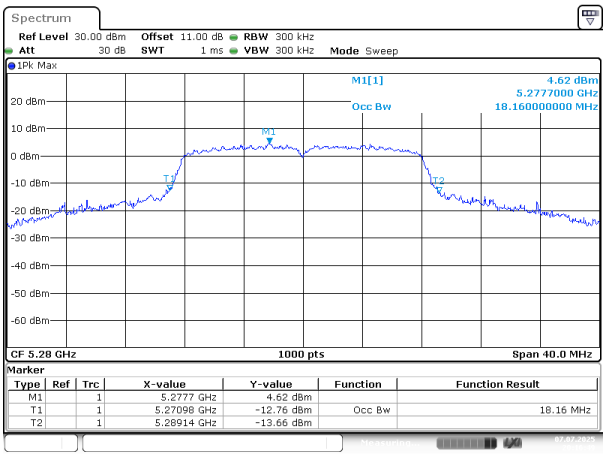
W53, Test Condition: NV

802.11a, Low Channel



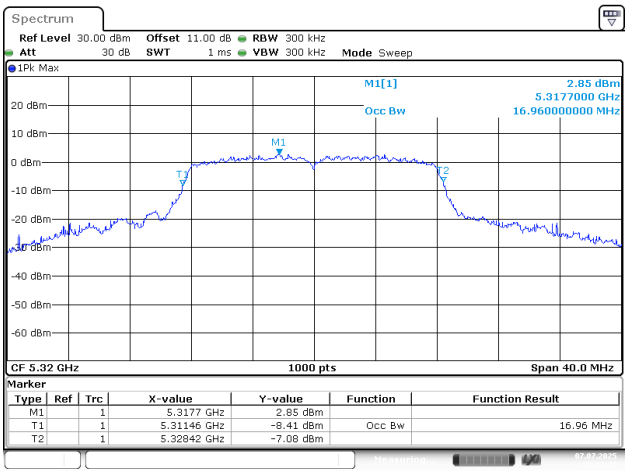
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:16:11

802.11a, Middle Channel



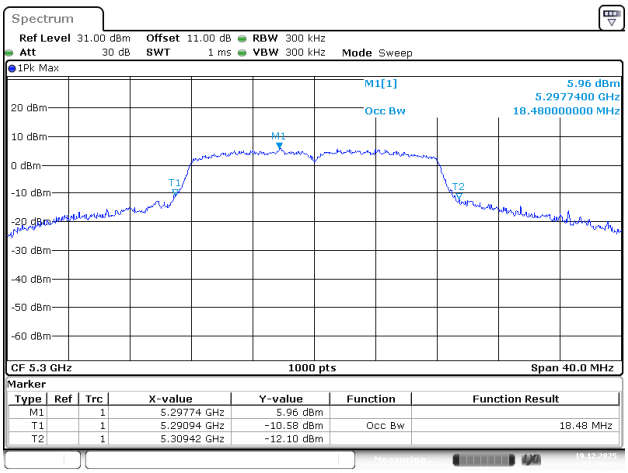
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:16:50

802.11a, High Channel



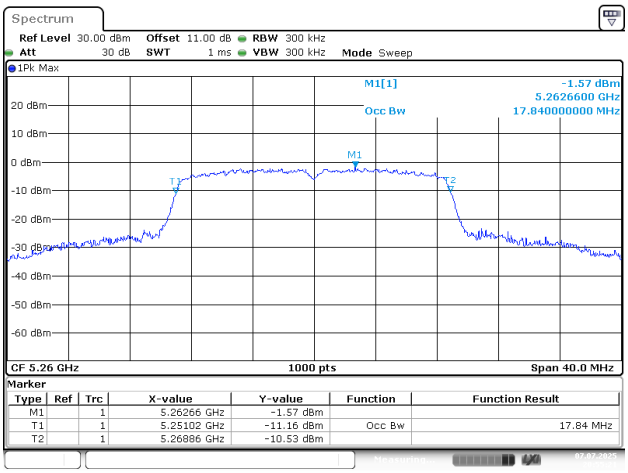
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:17:27

802.11a, Additional Channel



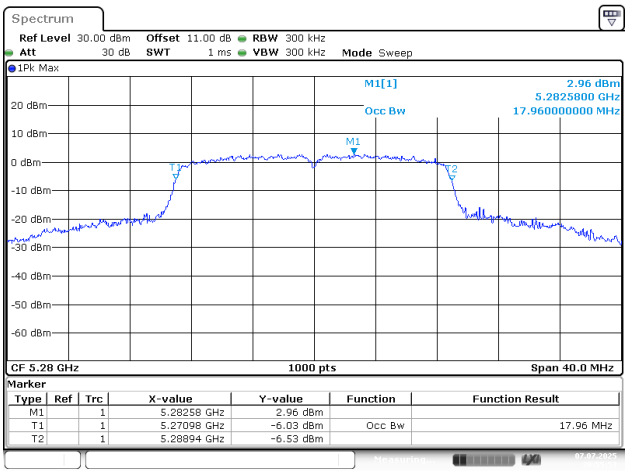
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:38:25

802.11n20, Low Channel



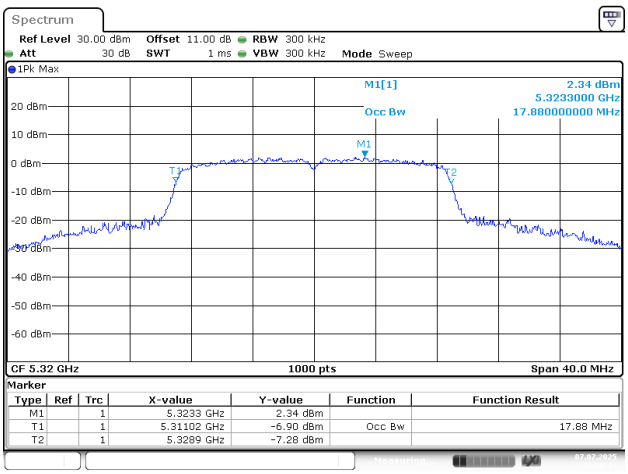
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:55:22

802.11n20, Middle Channel



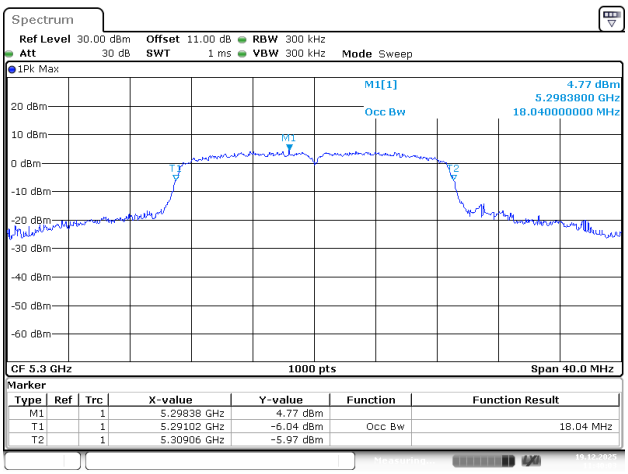
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:55:54

802.11n20, High Channel



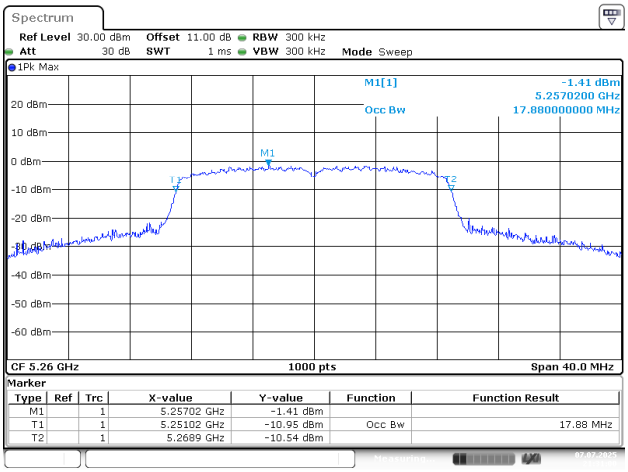
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:56:42

802.11n20, Additional Channel



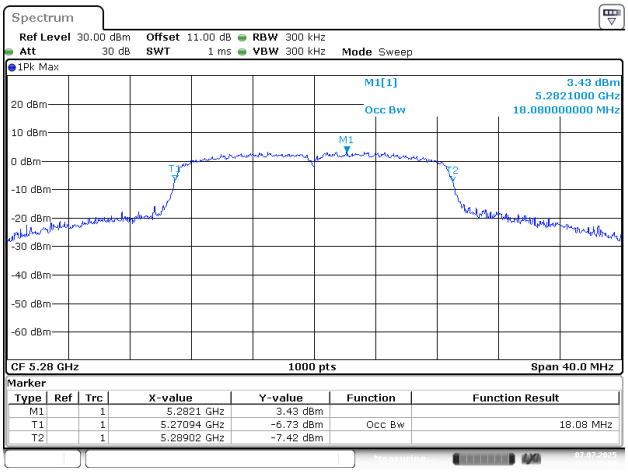
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:40:03

802.11ac20, Low Channel



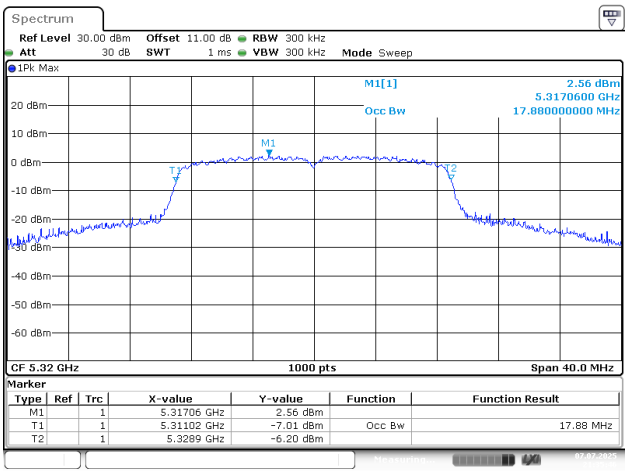
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:31:01

802.11ac20, Middle Channel



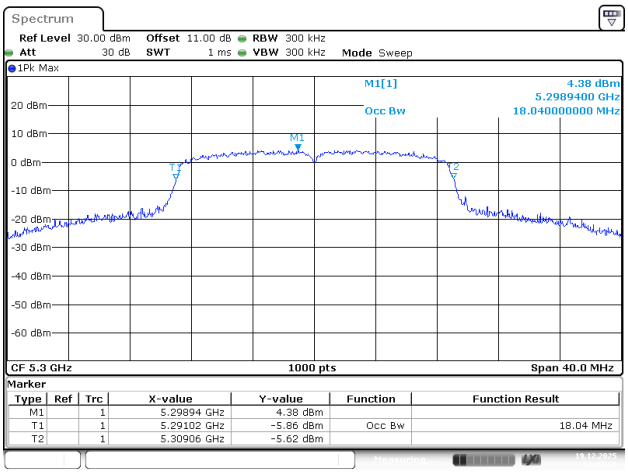
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:33:08

802.11ac20, High Channel



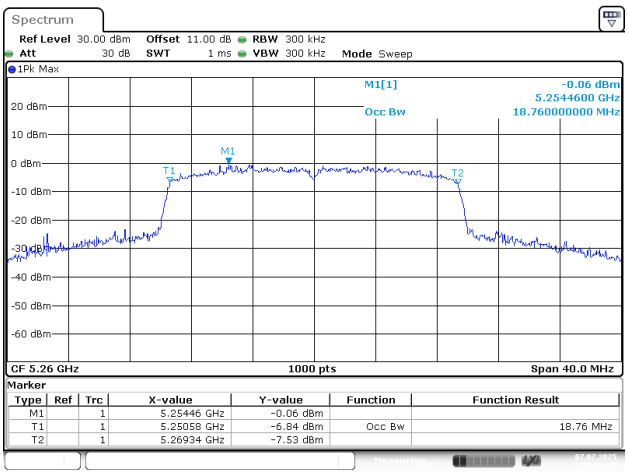
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:35:46

802.11ac20, Additional Channel



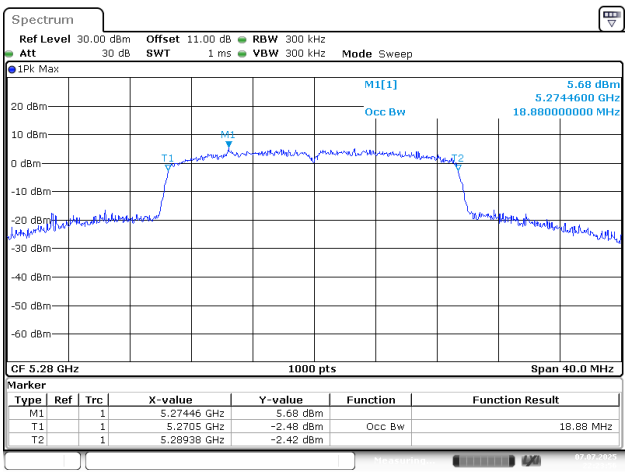
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:44:32

802.11ax20, Low Channel



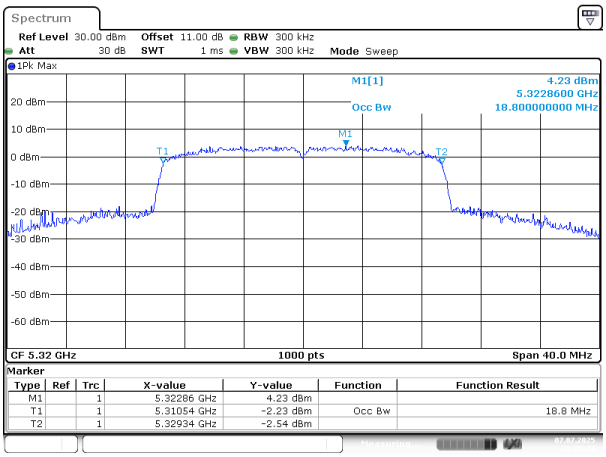
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:20:45

802.11ax20, Middle Channel

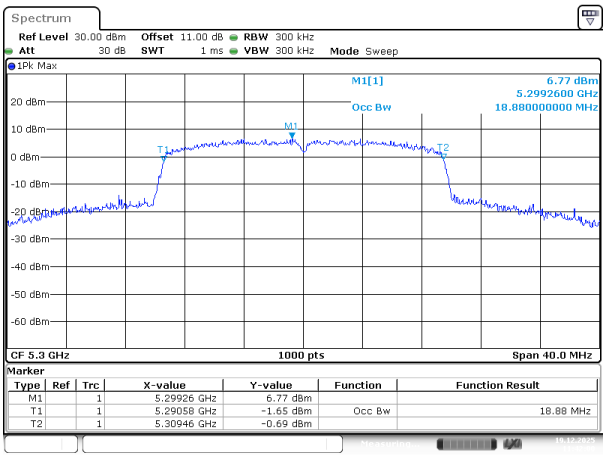


ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:23:56

802.11ax20, High Channel

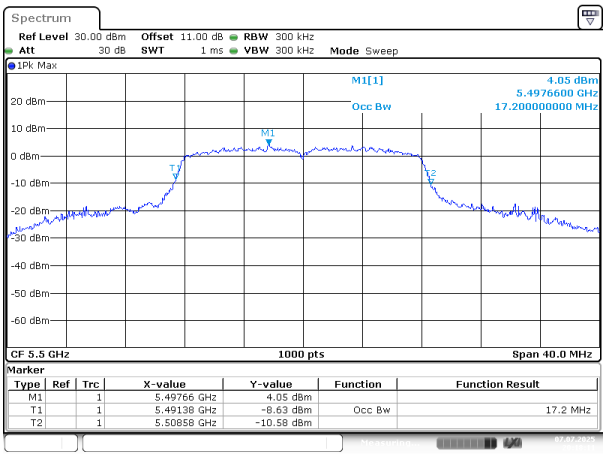


802.11ax20, Additional Channel

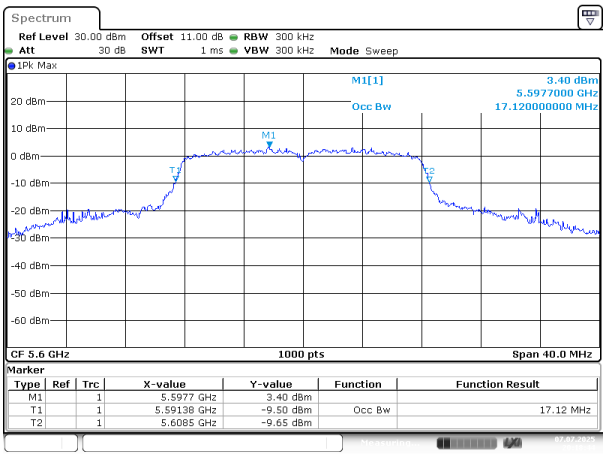


W56, Test Condition: NV

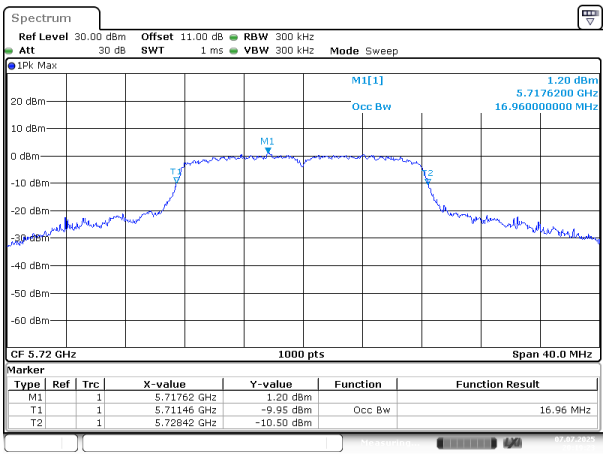
802.11a, Low Channel



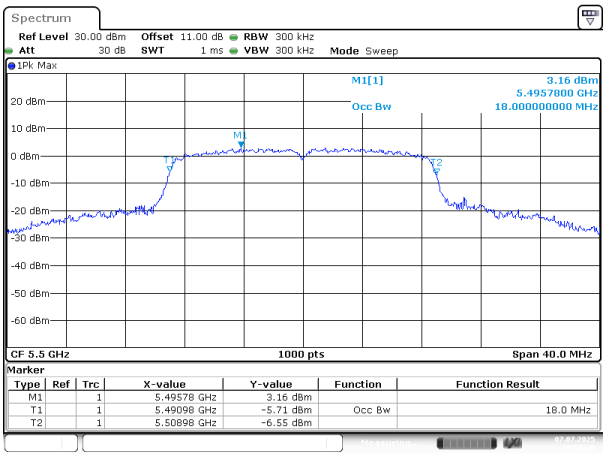
802.11a, Middle Channel



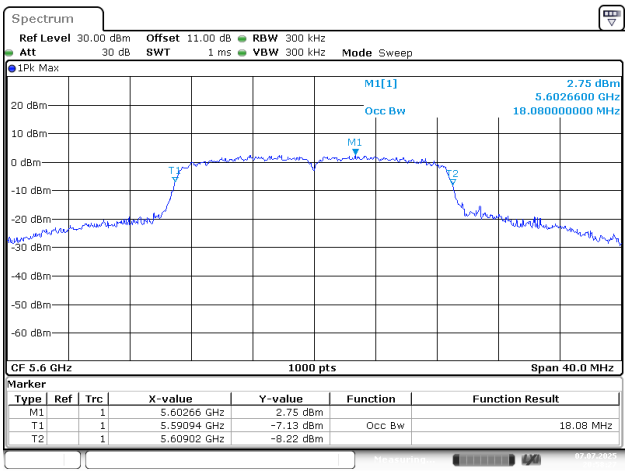
802.11a, High Channel



802.11n20, Low Channel

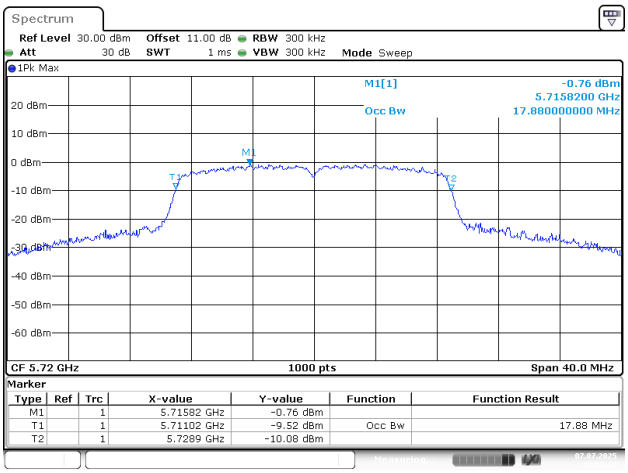


802.11n20, Middle Channel



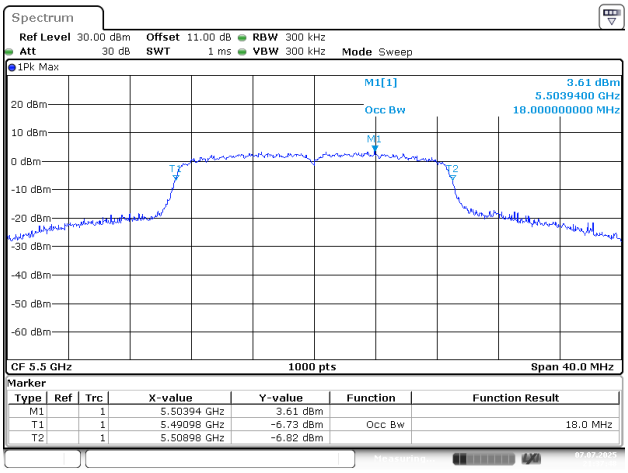
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:58:28

802.11n20, High Channel



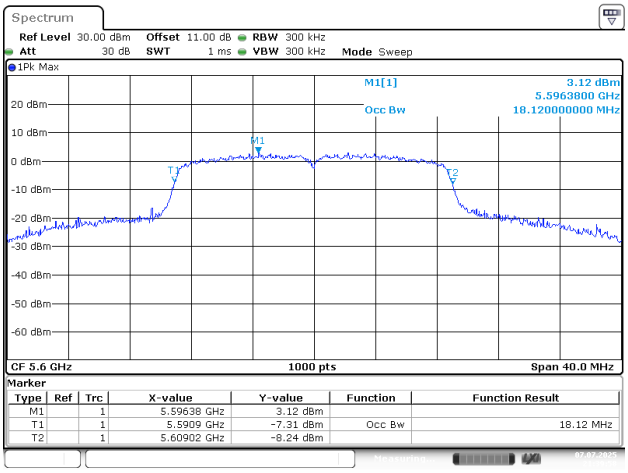
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:59:17

802.11ac20, Low Channel



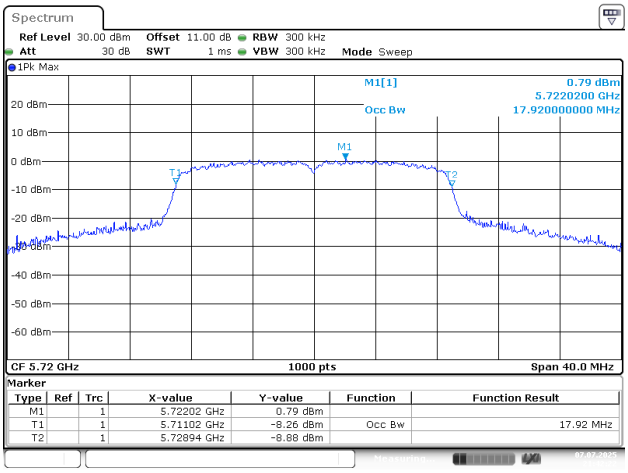
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:37:49

802.11ac20, Middle Channel



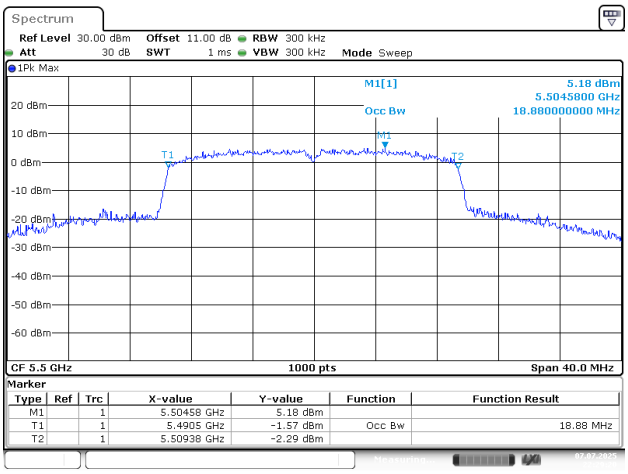
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:39:58

802.11ac20, High Channel



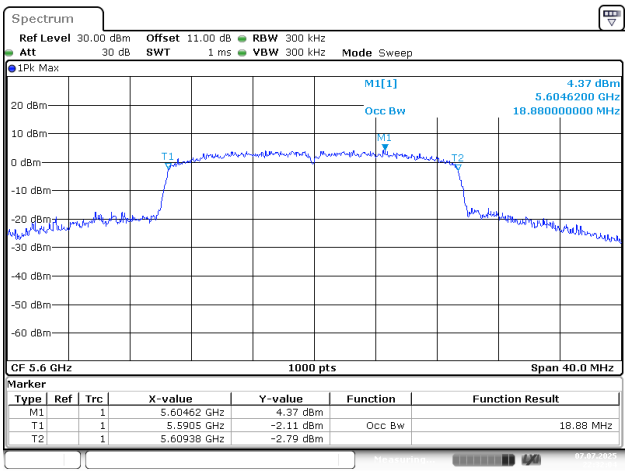
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:42:22

802.11ax20, Low Channel

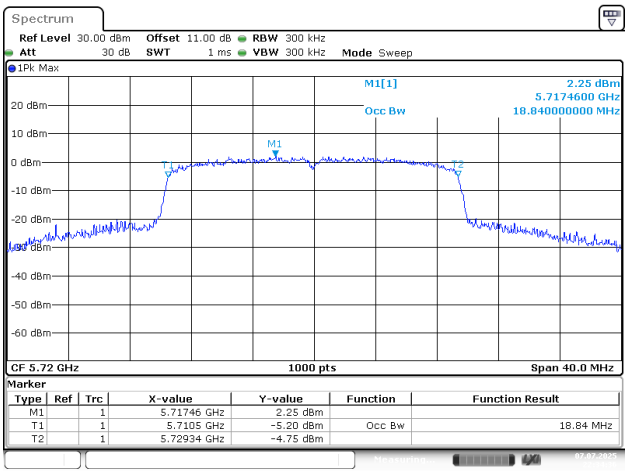


ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:29:21

802.11ax20, Middle Channel



802.11ax20, High Channel



Note: Offset = Coaxial Attenuator (10dB) + Cable Loss (1dB)

Transmitter Spurious Emission Strength

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/07~2025/12/19
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	24.1~27.3	**Relative Humidity: (%)**	45~69	**ATM Pressure: (kPa)**	99.8~101.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
				2025/07/28	2026/07/27		
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
				2025/08/15	2026/08/14		
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

5.2G, 802.11a

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	4856.51	-26.75	2.113	2.50	Pass
	5100	5142	5141.73	-29.57	1.104	2.50	Pass
	5142	5150	5149.76	-24.82	3.296	15	Pass
	5250	5250.2	5250.18	-33.25	0.473	713.40	Pass
	5250.2	5251	5250.96	-32.17	0.607	109.65	Pass
	5251	5260	5259.77	-33.96	0.402	16.61	Pass
	5260	5266.7	5265.87	-33.52	0.445	3.13	Pass
	5266.7	5300	5271.42	-32.78	0.527	2.50	Pass
	5300	26000	5501.3	-27.65	1.718	2.50	Pass
Middle	30	5100	4875.02	-26.47	2.254	2.50	Pass
	5100	5142	5118.76	-33.93	0.405	2.50	Pass
	5142	5150	5143.40	-33.35	0.462	15	Pass
	5250	5251	5250.95	-32.54	0.557	112.20	Pass
	5251	5260	5258.10	-31.03	0.789	23.38	Pass
	5260	5266.7	5266.64	-35.45	0.285	2.53	Pass
	5266.7	5300	5273.10	-33.57	0.440	2.50	Pass
	5300	26000	5526.1	-27.89	1.626	2.50	Pass
High	30	5100	4912.54	-31.49	0.710	2.50	Pass
	5100	5142	5139.62	-38.94	0.128	2.50	Pass
	5142	5150	5145.39	-38.24	0.150	15	Pass
	5250	5251	5250.96	-11.29	74.302	109.65	Pass
	5251	5260	5256.74	-15.46	28.445	30.89	Pass
	5260	5266.7	5262.64	-24.80	3.311	7.64	Pass
	5266.7	5300	5267.39	-32.96	0.506	2.50	Pass
	5300	26000	5567.5	-32.66	0.542	2.50	Pass
Additional	30	5100	4894.28	-28.55	1.396	2.50	Pass
	5100	5142	5141.52	-33.06	0.494	2.50	Pass
	5142	5150	5146.76	-31.90	0.646	15	Pass
	5250	5251	5250.94	-19.20	12.023	114.82	Pass
	5251	5260	5252.77	-16.99	19.999	69.61	Pass
	5260	5266.7	5265.80	-27.18	1.914	3.19	Pass
	5266.7	5300	5267.65	-26.46	2.259	2.50	Pass
	5300	26000	5542.7	-29.96	1.009	2.50	Pass

5.2G, 802.11n20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	4856.26	-26.53	2.223	2.50	Pass
	5100	5142	5141.42	-30.06	0.986	2.50	Pass
	5142	5150	5145.18	-26.12	2.443	15	Pass
	5250	5251	5250.96	-33.96	0.402	109.65	Pass
	5251	5260	5259.56	-34.03	0.395	17.34	Pass
	5260	5266.7	5266.66	-34.95	0.320	2.52	Pass
	5266.7	5300	5267.26	-35.38	0.290	2.50	Pass
	5300	26000	5497.2	-28.73	1.340	2.50	Pass
Middle	30	5100	4874.77	-26.75	2.113	2.50	Pass
	5100	5142	5120.57	-33.51	0.446	2.50	Pass
	5142	5150	5144.40	-33.69	0.428	15	Pass
	5250	5251	5250.98	-31.99	0.632	104.71	Pass
	5251	5260	5258.30	-31.81	0.659	22.44	Pass
	5260	5266.7	5266.09	-33.20	0.479	2.95	Pass
	5266.7	5300	5274.23	-33.24	0.474	2.50	Pass
	5300	26000	5526.1	-27.91	1.618	2.50	Pass
High	30	5100	4912.28	-31.38	0.728	2.50	Pass
	5100	5142	5102.38	-38.82	0.131	2.50	Pass
	5142	5150	5146.38	-37.83	0.165	15	Pass
	5250	5251	5250.88	-11.55	69.984	131.83	Pass
	5251	5260	5255.64	-14.94	32.063	38.69	Pass
	5260	5266.7	5260.22	-20.56	8.790	14.91	Pass
	5266.7	5300	5268.02	-31.63	0.687	2.50	Pass
	5300	26000	5566.5	-31.66	0.682	2.50	Pass
Additional	30	5100	4893.78	-28.88	1.294	2.50	Pass
	5100	5142	5133.66	-33.32	0.466	2.50	Pass
	5142	5150	5143.04	-31.63	0.687	15	Pass
	5250	5250.2	5250.17	-18.04	15.704	758.58	Pass
	5250.2	5251	5250.96	-19.16	12.134	109.65	Pass
	5251	5260	5252.23	-16.37	23.067	77.74	Pass
	5260	5266.7	5265.84	-26.13	2.438	3.16	Pass
	5266.7	5300	5266.87	-28.03	1.574	2.50	Pass
	5300	26000	5545.8	-30.31	0.931	2.50	Pass

5.2G, 802.11ac20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	4856.51	-27.36	1.837	2.50	Pass
	5100	5142	5140.38	-29.75	1.059	2.50	Pass
	5142	5150	5148.04	-25.28	2.965	15	Pass
	5250	5250.2	5250.19	-33.66	0.431	670.91	Pass
	5250.2	5251	5250.99	-33.63	0.434	102.33	Pass
	5251	5260	5259.62	-34.63	0.344	17.13	Pass
	5260	5266.7	5265.99	-34.90	0.324	3.03	Pass
	5266.7	5300	5267.04	-35.33	0.293	2.50	Pass
	5300	26000	5501.3	-28.30	1.479	2.50	Pass
Middle	30	5100	4875.02	-26.83	2.075	2.50	Pass
	5100	5142	5121.31	-33.04	0.497	2.50	Pass
	5142	5150	5149.69	-32.23	0.598	15	Pass
	5250	5250.2	5250.11	-30.23	0.948	1096.48	Pass
	5250.2	5251	5250.99	-31.79	0.662	102.33	Pass
	5251	5260	5259.30	-32.63	0.546	18.29	Pass
	5260	5266.7	5265.88	-34.07	0.392	3.12	Pass
	5266.7	5300	5272.00	-32.76	0.530	2.50	Pass
	5300	26000	5522	-27.66	1.714	2.50	Pass
High	30	5100	4912.54	-31.97	0.635	2.50	Pass
	5100	5142	5133.06	-38.14	0.153	2.50	Pass
	5142	5150	5147.64	-37.86	0.164	15	Pass
	5250	5251	5250.84	-11.59	69.343	144.54	Pass
	5251	5260	5251.05	-11.28	74.473	98.98	Pass
	5260	5266.7	5262.80	-25.03	3.141	7.31	Pass
	5266.7	5300	5267.91	-32.23	0.598	2.50	Pass
	5300	26000	5562.4	-33.39	0.458	2.50	Pass
Additional	30	5100	4894.28	-28.81	1.315	2.50	Pass
	5100	5142	5135.13	-31.38	0.728	2.50	Pass
	5142	5150	5142.35	-31.26	0.748	15	Pass
	5250	5250.2	5250.17	-17.18	19.143	758.58	Pass
	5250.2	5251	5250.98	-19.28	11.803	104.71	Pass
	5251	5260	5259.27	-21.04	7.870	18.40	Pass
	5260	5266.7	5265.97	-26.42	2.280	3.05	Pass
	5266.7	5300	5266.63	-26.34	2.323	2.50	Pass
	5300	26000	5542.7	-29.88	1.028	2.50	Pass

5.2G, 802.11ax20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5100	4875.27	-26.86	2.061	2.50	Pass
	5100	5142	5139.71	-30.32	0.929	2.50	Pass
	5142	5150	5149.23	-24.55	3.508	15	Pass
	5250	5250.2	5250.13	-32.95	0.507	969.77	Pass
	5250.2	5251	5250.94	-34.22	0.378	114.82	Pass
	5251	5260	5259.22	-34.20	0.380	18.59	Pass
	5260	5266.7	5265.50	-33.74	0.423	3.47	Pass
	5266.7	5300	5267.24	-34.28	0.373	2.50	Pass
	5300	26000	5496.1	-27.27	1.875	2.50	Pass
Middle	30	5100	4874.77	-27.72	1.690	2.50	Pass
	5100	5142	5115.31	-34.23	0.378	2.50	Pass
	5142	5150	5148.93	-32.43	0.571	15	Pass
	5250	5250.2	5250.18	-30.06	0.986	713.40	Pass
	5250.2	5251	5250.94	-30.99	0.796	114.82	Pass
	5251	5260	5259.50	-32.37	0.579	17.56	Pass
	5260	5266.7	5265.23	-33.39	0.458	3.74	Pass
	5266.7	5300	5276.79	-32.92	0.511	2.50	Pass
	5300	26000	5517.9	-27.98	1.592	2.50	Pass
High	30	5100	4912.54	-30.56	0.879	2.50	Pass
	5100	5142	5136.52	-38.22	0.151	2.50	Pass
	5142	5150	5149.23	-38.43	0.144	15	Pass
	5250	5250.2	5250.08	-6.07	247.172	1318.26	Pass
	5250.2	5251	5250.94	-11.40	72.444	114.82	Pass
	5251	5260	5254.85	-13.58	43.853	45.48	Pass
	5260	5266.7	5261.39	-22.45	5.689	10.79	Pass
	5266.7	5300	5266.12	-32.33	0.585	2.50	Pass
	5300	26000	5562.4	-31.58	0.695	2.50	Pass
Additional	30	5100	4894.03	-28.90	1.288	2.50	Pass
	5100	5142	5141.94	-32.68	0.540	2.50	Pass
	5142	5150	5147.84	-31.66	0.682	15	Pass
	5250	5250.2	5250.14	-18.03	15.740	912.01	Pass
	5250.2	5251	5250.96	-17.31	18.578	109.65	Pass
	5251	5260	5259.60	-21.54	7.015	17.20	Pass
	5260	5266.7	5265.37	-26.41	2.286	3.59	Pass
	5266.7	5300	5268.64	-28.96	1.271	2.50	Pass
	5300	26000	5540.6	-28.62	1.374	2.50	Pass

5.3G, 802.11a

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5200	4931.03	-30.91	0.811	2.50	Pass
	5200	5233.3	5233.05	-32.67	0.541	2.50	Pass
	5233.3	5240	5238.95	-24.79	3.319	11.86	Pass
	5240	5249	5247.47	-11.64	68.549	73.11	Pass
	5249	5250	5249.01	-10.79	83.368	102.33	Pass
	5350	5400	5391.43	-39.00	0.126	2.50	Pass
	5400	26000	5581.8	-32.84	0.520	2.50	Pass
Middle	30	5200	4949.9	-26.15	2.427	2.50	Pass
	5200	5233.3	5232.25	-33.67	0.430	2.50	Pass
	5233.3	5240	5233.45	-33.12	0.488	2.59	Pass
	5240	5249	5242.24	-29.98	1.005	25.07	Pass
	5249	5249.8	5249.02	-27.67	1.710	104.71	Pass
	5249.8	5250	5249.81	-26.32	2.333	670.91	Pass
	5350	5400	5366.88	-32.58	0.552	2.50	Pass
	5400	26000	5603.4	-28.32	1.472	2.50	Pass
High	30	5200	4987.64	-27.36	1.837	2.50	Pass
	5200	5233.3	5232.55	-36.22	0.239	2.50	Pass
	5233.3	5240	5233.42	-33.70	0.427	2.57	Pass
	5240	5249	5240.00	-34.75	0.335	15.85	Pass
	5249	5250	5249.09	-37.82	0.165	123.03	Pass
	5350	5400	5350.33	-29.45	1.135	2.50	Pass
	5400	26000	5651.8	-30.12	0.973	2.50	Pass
Additional	30	5200	4969.29	-28.64	1.368	2.50	Pass
	5200	5233.3	5212.64	-30.80	0.832	2.50	Pass
	5233.3	5240	5233.71	-34.55	0.351	2.79	Pass
	5240	5249	5240.16	-33.55	0.442	16.38	Pass
	5249	5249.8	5249.00	-32.29	0.590	100.00	Pass
	5249.8	5250	5249.87	-31.23	0.753	969.77	Pass
	5350	5400	5350.43	-28.60	1.380	2.50	Pass
	5400	26000	5631.2	-31.11	0.774	2.50	Pass

5.3G, 802.11n20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5200	4931.55	-29.89	1.026	2.50	Pass
	5200	5233.3	5233.18	-32.41	0.574	2.50	Pass
	5233.3	5240	5239.88	-22.07	6.209	15.33	Pass
	5240	5249	5244.05	-15.43	28.642	36.31	Pass
	5249	5250	5249.25	-12.04	62.517	177.83	Pass
	5350	5400	5358.58	-38.87	0.130	2.50	Pass
	5400	26000	5582.8	-32.56	0.555	2.50	Pass
Middle	30	5200	4949.9	-27.33	1.849	2.50	Pass
	5200	5233.3	5201.98	-34.28	0.373	2.50	Pass
	5233.3	5240	5233.48	-32.58	0.552	2.62	Pass
	5240	5249	5241.81	-31.31	0.740	22.96	Pass
	5249	5250	5249.18	-29.32	1.169	151.36	Pass
	5350	5400	5356.02	-33.94	0.404	2.50	Pass
	5400	26000	5604.5	-29.01	1.256	2.50	Pass
High	30	5200	4987.13	-28.20	1.514	2.50	Pass
	5200	5233.3	5233.22	-35.63	0.274	2.50	Pass
	5233.3	5240	5234.40	-34.32	0.370	3.37	Pass
	5240	5249	5241.86	-34.70	0.339	23.19	Pass
	5249	5250	5249.04	-37.52	0.177	109.65	Pass
	5350	5400	5352.07	-30.18	0.959	2.50	Pass
	5400	26000	5651.8	-29.80	1.047	2.50	Pass
Additional	30	5200	4968.77	-28.49	1.416	2.50	Pass
	5200	5233.3	5224.13	-31.70	0.676	2.50	Pass
	5233.3	5240	5233.54	-35.80	0.263	2.66	Pass
	5240	5249	5241.15	-34.16	0.384	20.05	Pass
	5249	5249.8	5249.04	-34.02	0.396	109.65	Pass
	5249.8	5250	5249.82	-33.22	0.476	713.40	Pass
	5350	5400	5351.37	-30.25	0.944	2.50	Pass
	5400	26000	5627.1	-29.98	1.005	2.50	Pass

5.3G, 802.11ac20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5200	4931.29	-30.66	0.859	2.50	Pass
	5200	5233.3	5232.58	-32.60	0.550	2.50	Pass
	5233.3	5240	5239.63	-22.45	5.689	14.31	Pass
	5240	5249	5248.05	-11.83	65.615	82.33	Pass
	5249	5250	5249.08	-12.31	58.749	120.23	Pass
	5350	5400	5380.43	-38.79	0.132	2.50	Pass
	5400	26000	5589	-33.02	0.499	2.50	Pass
Middle	30	5200	4950.16	-27.37	1.832	2.50	Pass
	5200	5233.3	5232.15	-32.76	0.530	2.50	Pass
	5233.3	5240	5233.46	-33.07	0.493	2.60	Pass
	5240	5249	5241.66	-30.96	0.802	22.26	Pass
	5249	5249.8	5249.01	-29.33	1.167	102.33	Pass
	5249.8	5250	5249.81	-26.51	2.234	670.91	Pass
	5350	5400	5353.33	-30.68	0.855	2.50	Pass
	5400	26000	5606.5	-29.93	1.016	2.50	Pass
High	30	5200	4987.38	-28.25	1.496	2.50	Pass
	5200	5233.3	5233.25	-34.21	0.379	2.50	Pass
	5233.3	5240	5233.60	-34.50	0.355	2.70	Pass
	5240	5249	5241.93	-34.07	0.392	23.53	Pass
	5249	5250	5249.01	-37.09	0.195	102.33	Pass
	5350	5400	5352.37	-26.57	2.203	2.50	Pass
	5400	26000	5646.7	-30.07	0.984	2.50	Pass
Additional	30	5200	4969.03	-28.86	1.300	2.50	Pass
	5200	5233.3	5225.06	-32.23	0.598	2.50	Pass
	5233.3	5240	5233.38	-35.45	0.285	2.54	Pass
	5240	5249	5241.63	-33.96	0.402	22.13	Pass
	5249	5249.8	5249.02	-33.90	0.407	104.71	Pass
	5249.8	5250	5249.82	-32.30	0.589	713.40	Pass
	5350	5400	5350.47	-29.42	1.143	2.50	Pass
	5400	26000	5627.1	-30.91	0.811	2.50	Pass

5.3G, 802.11ax20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (μW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (μW/MHz)		
Low	30	5200	4930.77	-30.87	0.818	2.50	Pass
	5200	5233.3	5233.05	-33.07	0.493	2.50	Pass
	5233.3	5240	5239.56	-23.53	4.436	14.03	Pass
	5240	5249	5245.41	-15.86	25.942	47.96	Pass
	5249	5249.8	5249.00	-12.10	61.660	100.00	Pass
	5249.8	5250	5249.88	-5.04	313.329	1031.18	Pass
	5350	5400	5397.92	-39.30	0.117	2.50	Pass
	5400	26000	5588	-32.51	0.561	2.50	Pass
Middle	30	5200	4950.16	-27.00	1.995	2.50	Pass
	5200	5233.3	5230.19	-33.48	0.449	2.50	Pass
	5233.3	5240	5234.46	-32.03	0.627	3.43	Pass
	5240	5249	5240.10	-31.97	0.635	16.18	Pass
	5249	5249.8	5249.08	-23.78	4.188	120.23	Pass
	5249.8	5250	5249.92	-21.47	7.129	1318.26	Pass
	5350	5400	5353.72	-32.83	0.521	2.50	Pass
	5400	26000	5604.5	-28.33	1.469	2.50	Pass
High	30	5200	4988.16	-27.42	1.811	2.50	Pass
	5200	5233.3	5232.95	-35.37	0.290	2.50	Pass
	5233.3	5240	5234.32	-33.77	0.420	3.30	Pass
	5240	5249	5240.25	-35.40	0.288	16.68	Pass
	5249	5249.8	5249.01	-36.82	0.208	102.33	Pass
	5249.8	5250	5249.82	-36.88	0.205	713.40	Pass
	5350	5400	5351.12	-30.04	0.991	2.50	Pass
	5400	26000	5647.7	-29.48	1.127	2.50	Pass
Additional	30	5200	4969.29	-27.88	1.629	2.50	Pass
	5200	5233.3	5221.20	-31.61	0.690	2.50	Pass
	5233.3	5240	5233.56	-35.17	0.304	2.67	Pass
	5240	5249	5240.13	-34.98	0.318	16.28	Pass
	5249	5249.8	5249.05	-31.66	0.682	112.20	Pass
	5249.8	5250	5249.86	-31.49	0.710	912.01	Pass
	5350	5400	5353.33	-29.50	1.122	2.50	Pass
	5400	26000	4969.29	-27.88	1.629	2.50	Pass

5.6G, 802.11a

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5300	5156.26	-26.87	2.056	2.50	Pass
	5300	5460	5459.28	-32.29	0.590	2.50	Pass
	5460	5470	5468.38	-26.98	2.004	12.50	Pass
	5745	5765	5759.65	-36.89	0.205	12.50	Pass
	5765	5900	5838.10	-28.52	1.406	2.50	Pass
	5900	26000	6533.7	-35.94	0.255	2.50	Pass
Middle	30	5300	5250.07	-26.64	2.168	2.50	Pass
	5300	5460	5451.12	-37.35	0.184	2.50	Pass
	5460	5470	5468.55	-37.20	0.191	12.50	Pass
	5745	5765	5755.81	-37.04	0.198	12.50	Pass
	5765	5900	5829.46	-37.35	0.184	2.50	Pass
	5900	26000	5949.7	-28.67	1.358	2.50	Pass
High	30	5300	4647.44	-30.50	0.891	2.50	Pass
	5300	5460	5362.32	-26.11	2.449	2.50	Pass
	5460	5470	5462.30	-38.77	0.133	12.50	Pass
	5745	5765	5745.82	-26.08	2.466	12.50	Pass
	5765	5900	5801.65	-34.04	0.394	2.50	Pass
	5900	26000	6078.4	-30.89	0.815	2.50	Pass

5.6G, 802.11n20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5300	5156.52	-26.41	2.286	2.50	Pass
	5300	5460	5452.24	-31.60	0.692	2.50	Pass
	5460	5470	5469.41	-26.61	2.183	12.50	Pass
	5745	5765	5764.15	-37.41	0.182	12.50	Pass
	5765	5900	5839.05	-28.17	1.524	2.50	Pass
	5900	26000	6532.6	-36.08	0.247	2.50	Pass
Middle	30	5300	5250.07	-26.58	2.198	2.50	Pass
	5300	5460	5378.80	-38.37	0.146	2.50	Pass
	5460	5470	5460.47	-36.95	0.202	12.50	Pass
	5745	5765	5756.43	-36.52	0.223	12.50	Pass
	5765	5900	5780.59	-37.67	0.171	2.50	Pass
	5900	26000	5947.7	-28.39	1.449	2.50	Pass
High	30	5300	4647.44	-30.78	0.836	2.50	Pass
	5300	5460	5362.48	-26.73	2.123	2.50	Pass
	5460	5470	5469.84	-38.60	0.138	12.50	Pass
	5745	5765	5745.53	-27.53	1.766	12.50	Pass
	5765	5900	5765.88	-34.19	0.381	2.50	Pass
	5900	26000	6071.4	-31.58	0.695	2.50	Pass

5.6G, 802.11ac20

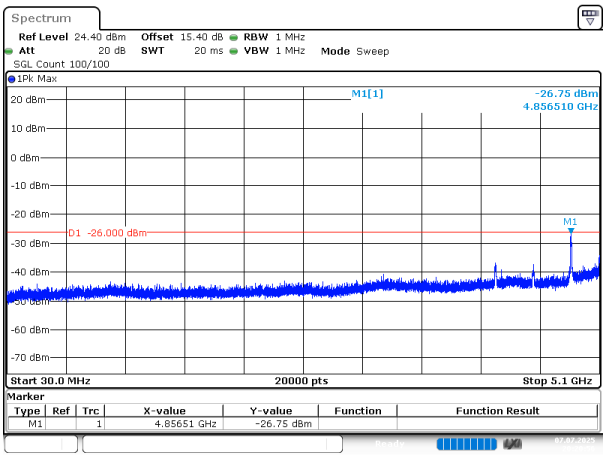
Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5300	5156.52	-26.10	2.455	2.50	Pass
	5300	5460	5456.40	-31.90	0.646	2.50	Pass
	5460	5470	5469.77	-27.68	1.706	12.50	Pass
	5745	5765	5755.70	-37.00	0.200	12.50	Pass
	5765	5900	5841.61	-28.59	1.384	2.50	Pass
	5900	26000	6532.6	-35.84	0.261	2.50	Pass
Middle	30	5300	5250.07	-26.42	2.280	2.50	Pass
	5300	5460	5453.04	-37.70	0.170	2.50	Pass
	5460	5470	5461.30	-37.22	0.190	12.50	Pass
	5745	5765	5750.24	-36.39	0.230	12.50	Pass
	5765	5900	5840.53	-37.64	0.172	2.50	Pass
	5900	26000	5947.7	-27.75	1.679	2.50	Pass
High	30	5300	4647.71	-29.55	1.109	2.50	Pass
	5300	5460	5362.64	-26.41	2.286	2.50	Pass
	5460	5470	5460.96	-37.91	0.162	12.50	Pass
	5745	5765	5748.09	-27.49	1.782	12.50	Pass
	5765	5900	5800.84	-33.96	0.402	2.50	Pass
	5900	26000	6078.4	-31.14	0.769	2.50	Pass

5.6G, 802.11ax20

Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (µW/MHz)	Verdict
	Start(MHz)	Stop(MHz)		Reading (dBm/MHz)	Result (µW/MHz)		
Low	30	5300	5155.73	-26.30	2.344	2.50	Pass
	5300	5460	5416.72	-32.92	0.511	2.50	Pass
	5460	5470	5469.98	-25.99	2.518	12.50	Pass
	5745	5765	5757.11	-37.24	0.189	12.50	Pass
	5765	5900	5840.40	-27.18	1.914	2.50	Pass
	5900	26000	15824.9	-35.47	0.284	2.50	Pass
Middle	30	5300	5250.33	-26.51	2.234	2.50	Pass
	5300	5460	5437.52	-37.02	0.199	2.50	Pass
	5460	5470	5464.52	-37.73	0.169	12.50	Pass
	5745	5765	5757.13	-36.58	0.220	12.50	Pass
	5765	5900	5843.91	-37.24	0.189	2.50	Pass
	5900	26000	5944.7	-28.10	1.549	2.50	Pass
High	30	5300	4647.44	-29.79	1.050	2.50	Pass
	5300	5460	5362.32	-26.25	2.371	2.50	Pass
	5460	5470	5464.89	-39.19	0.121	12.50	Pass
	5745	5765	5745.35	-27.16	1.923	12.50	Pass
	5765	5900	5794.77	-33.78	0.419	2.50	Pass
	5900	26000	6080.4	-31.48	0.711	2.50	Pass

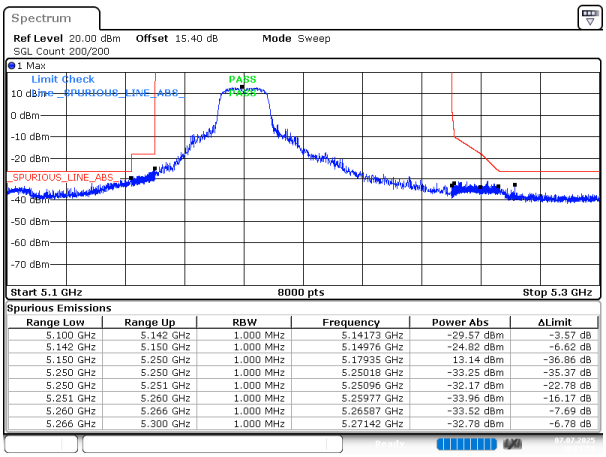
W52, Test Condition: NV

802.11a, Low Channel(30MHz~5.1GHz)



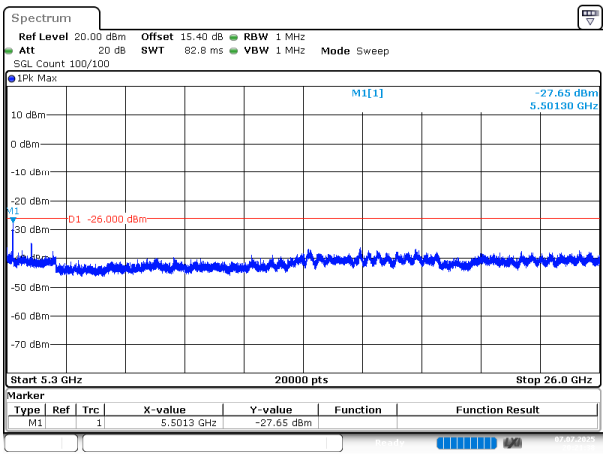
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802.11a, Low Channel(5.1GHz~5.3GHz)



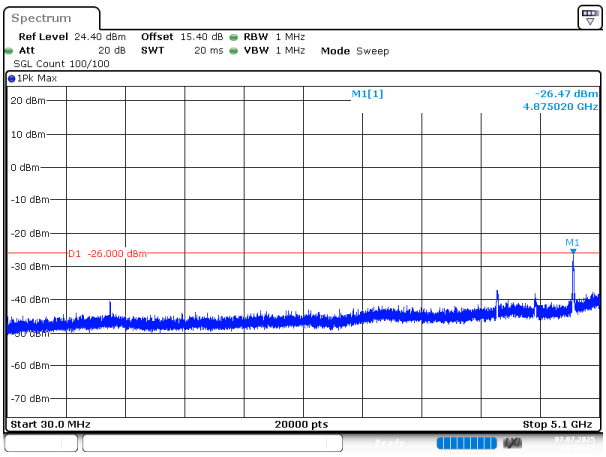
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802.11a, Low Channel(5.3GHz~26GHz)



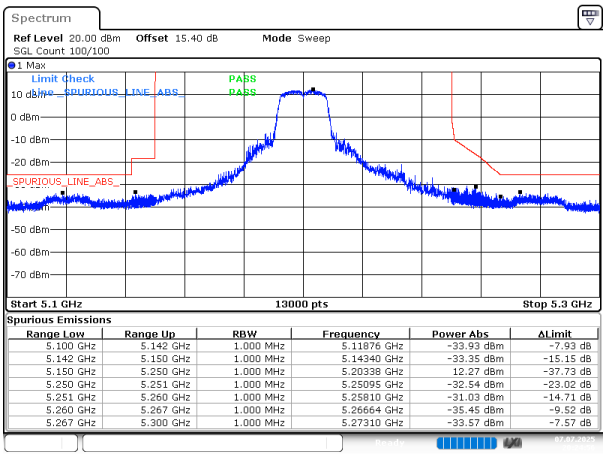
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Date: 7.JUL.2025 20:21:39

802.11a, Middle Channel(30MHz~5.1GHz)



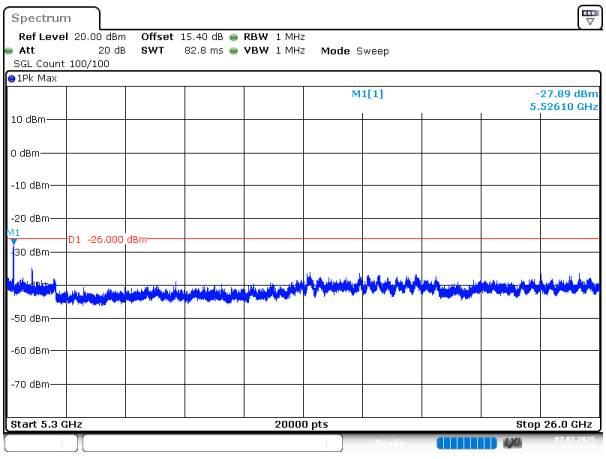
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:23:58

802.11a, Middle Channel(5.1GHz~5.3GHz)



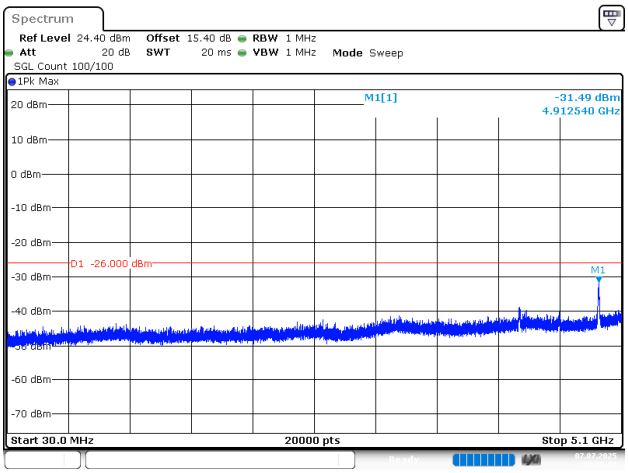
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:24:56

802.11a, Middle Channel(5.3GHz~26GHz)



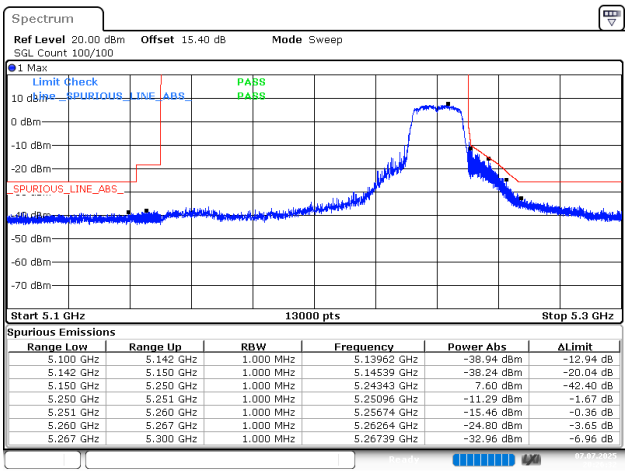
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:24:39

802.11a, High Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:25:33

802.11a, High Channel(5.1GHz~5.3GHz)

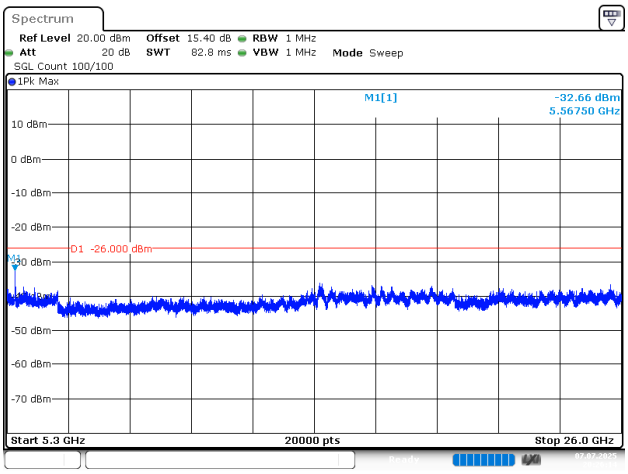


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13962 GHz	-38.94 dBm	-12.94 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14539 GHz	-38.24 dBm	-20.04 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24343 GHz	7.60 dBm	-42.40 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25096 GHz	-11.29 dBm	-1.67 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25674 GHz	-15.46 dBm	-0.36 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26264 GHz	-24.80 dBm	-3.65 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.26739 GHz	-32.96 dBm	-6.96 dB

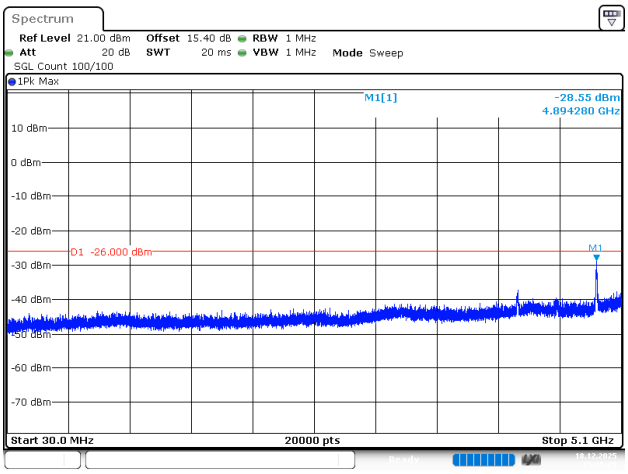
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Date: 7.JUL.2025 20:26:32

802.11a, High Channel(5.3GHz~26GHz)



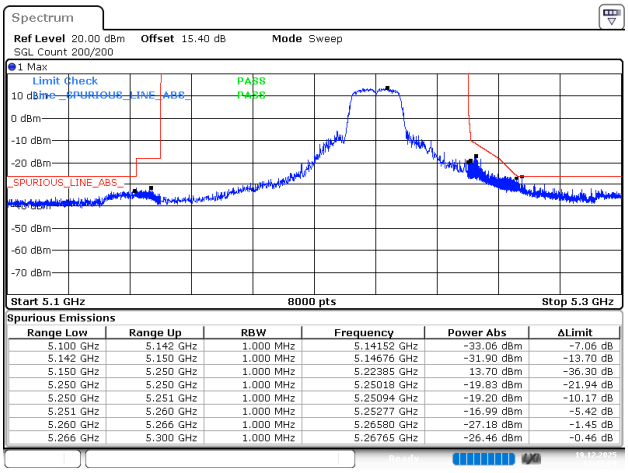
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:26:15

802.11a, Additional Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:15:30

802.11a, Additional Channel(5.1GHz~5.3GHz)

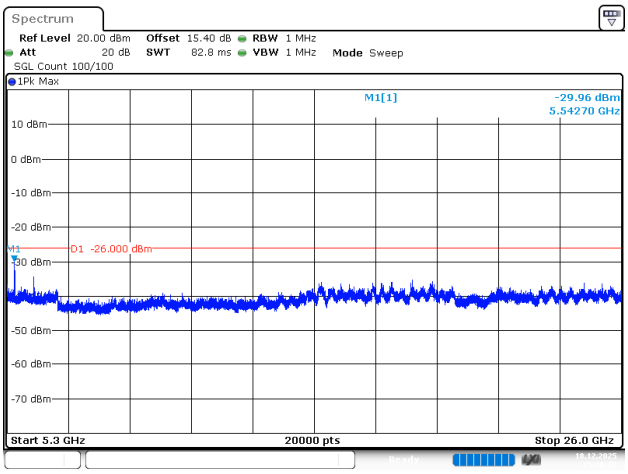


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.14152 GHz	-33.06 dBm	-7.06 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14676 GHz	-31.90 dBm	-13.70 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.22385 GHz	13.70 dBm	-36.30 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25018 GHz	-19.83 dBm	-21.94 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25094 GHz	-19.20 dBm	-10.17 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25277 GHz	-16.99 dBm	-5.42 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26580 GHz	-27.18 dBm	-1.45 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.26765 GHz	-26.46 dBm	-0.46 dB

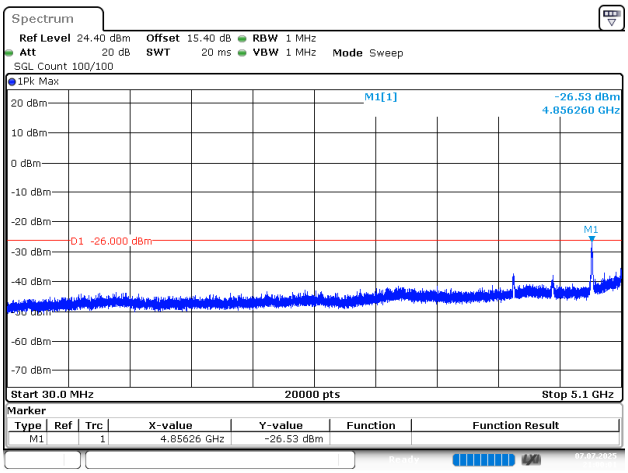
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:32:24

802.11a, Additional Channel(5.3GHz~26GHz)



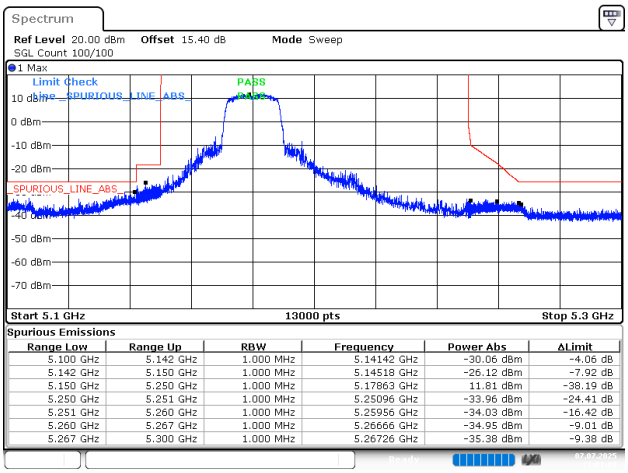
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:16:12

802.11n20, Low Channel(30MHz~5.1GHz)



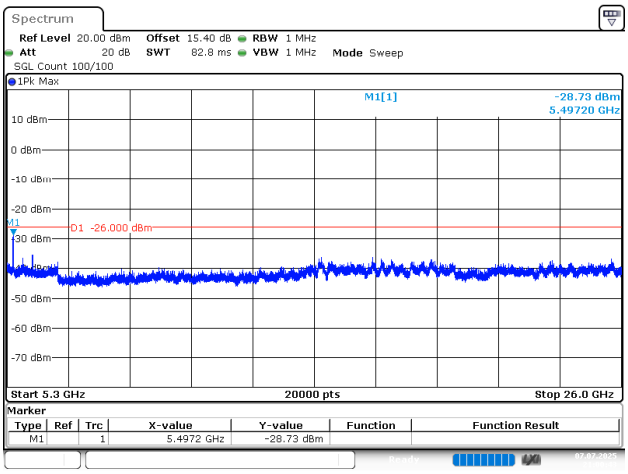
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:00:02

802.11n20, Low Channel(5.1GHz~5.3GHz)



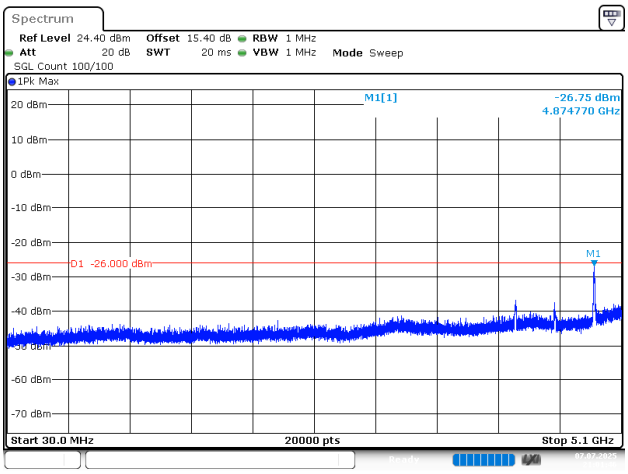
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Date: 7.JUL.2025 21:01:04

802.11n20, Low Channel(5.3GHz~26GHz)



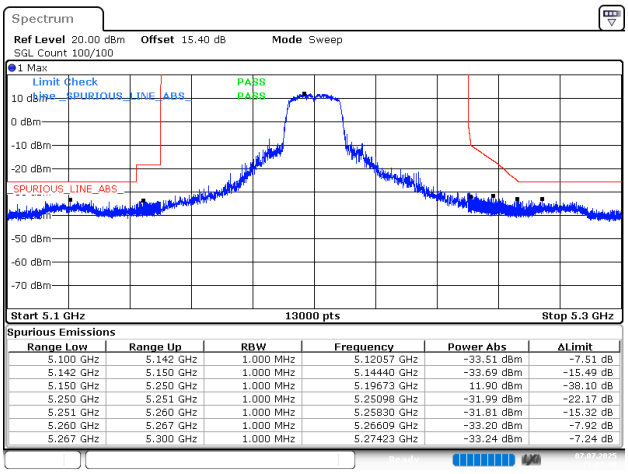
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Date: 7.JUL.2025 21:00:44

802.11n20, Middle Channel(30MHz~5.1GHz)



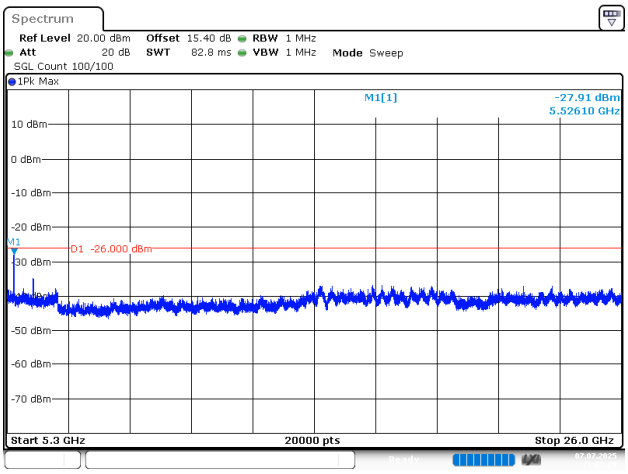
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Date: 7.JUL.2025 21:01:46

802.11n20, Middle Channel(5.1GHz~5.3GHz)



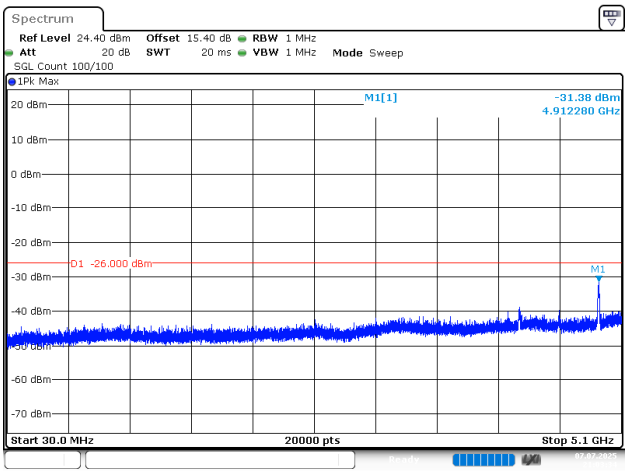
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Date: 7.JUL.2025 21:02:49

802.11n20, Middle Channel(5.3GHz~26GHz)



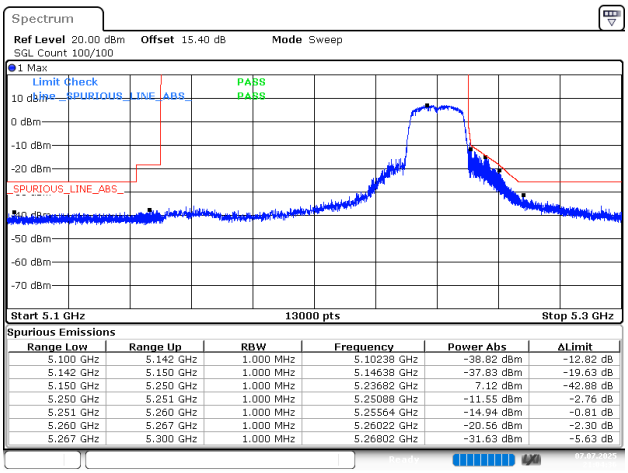
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:02:29

802.11n20, High Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:03:34

802.11n20, High Channel(5.1GHz~5.3GHz)

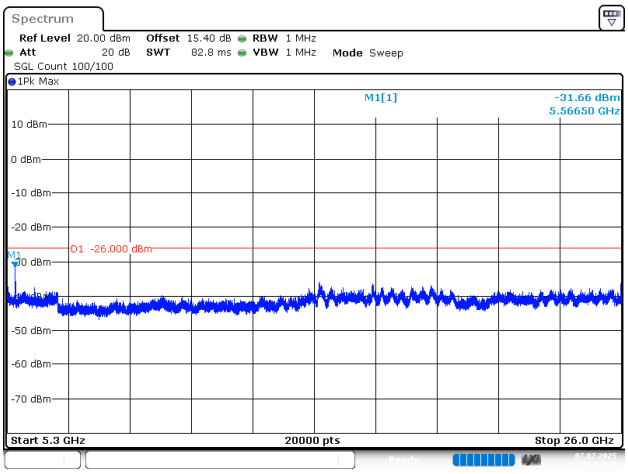


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.10238 GHz	-38.82 dBm	-12.82 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14638 GHz	-37.83 dBm	-19.63 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.23682 GHz	7.12 dBm	-42.88 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25088 GHz	-11.55 dBm	-2.76 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25564 GHz	-14.94 dBm	-0.81 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26022 GHz	-20.56 dBm	-2.30 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.26802 GHz	-31.63 dBm	-5.63 dB

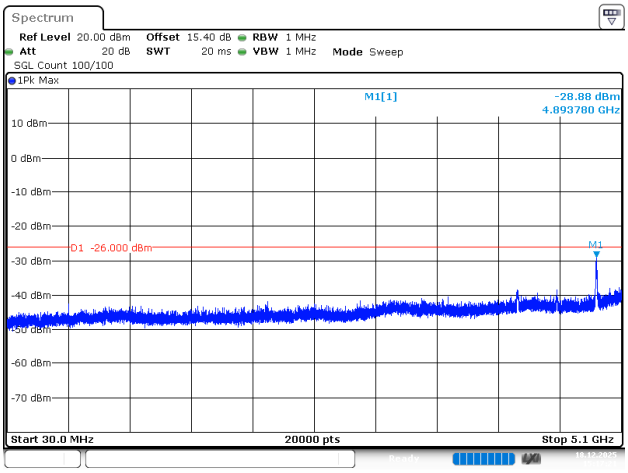
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Date: 7.JUL.2025 21:04:36

802.11n20, High Channel(5.3GHz~26GHz)



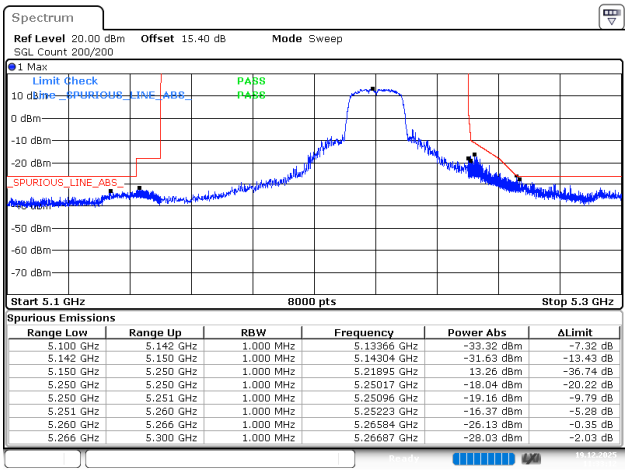
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:04:16

802.11n20, Additional Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:17:21

802.11n20, Additional Channel(5.1GHz~5.3GHz)

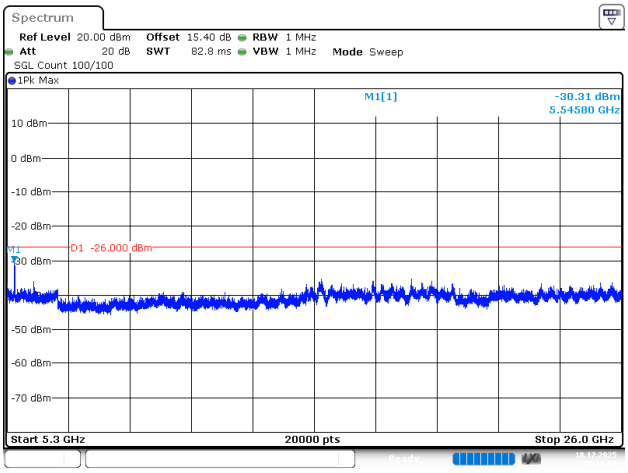


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13366 GHz	-33.32 dBm	-7.32 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14304 GHz	-31.63 dBm	-13.43 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.21895 GHz	13.26 dBm	-36.74 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25017 GHz	-18.04 dBm	-20.22 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25096 GHz	-19.16 dBm	-9.79 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25223 GHz	-16.37 dBm	-5.28 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26584 GHz	-26.13 dBm	-0.35 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.26687 GHz	-28.03 dBm	-2.03 dB

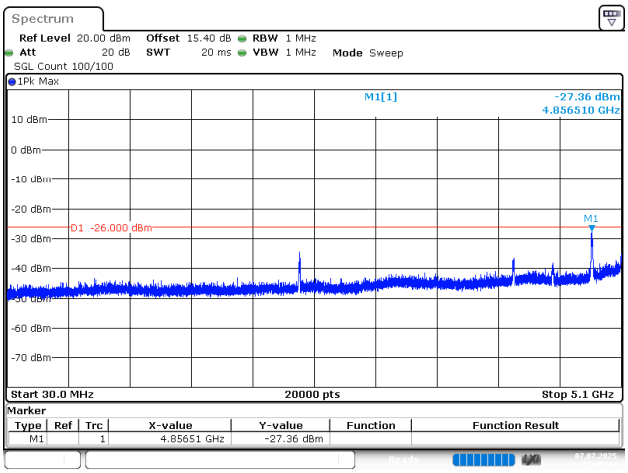
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:33:12

802.11n20, Additional Channel(5.3GHz~26GHz)



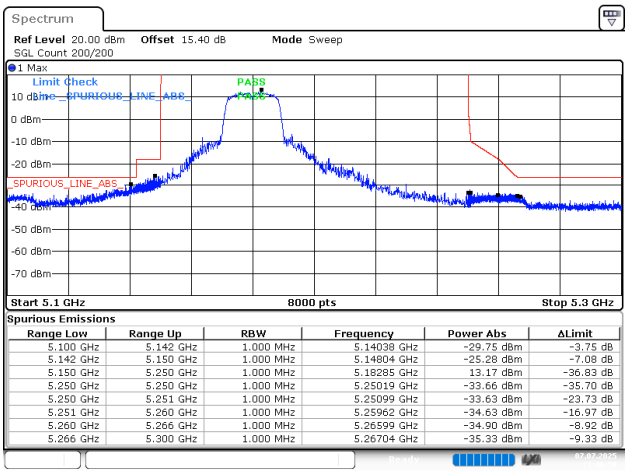
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Date: 18.DEC.2025 15:18:03

802.11ac20, Low Channel(30MHz~5.1GHz)



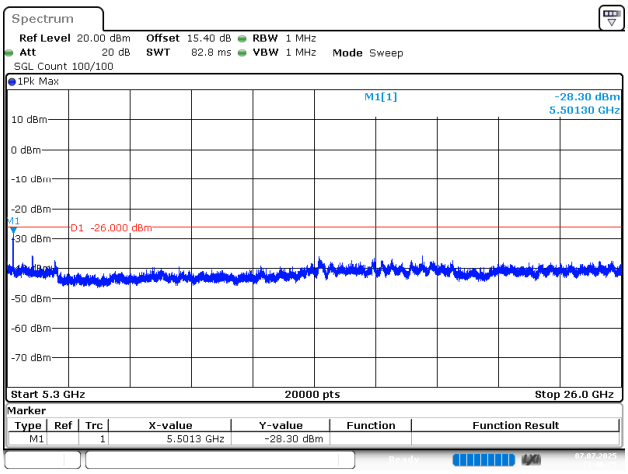
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Date: 7.JUL.2025 21:45:42

802.11ac20, Low Channel(5.1GHz~5.3GHz)



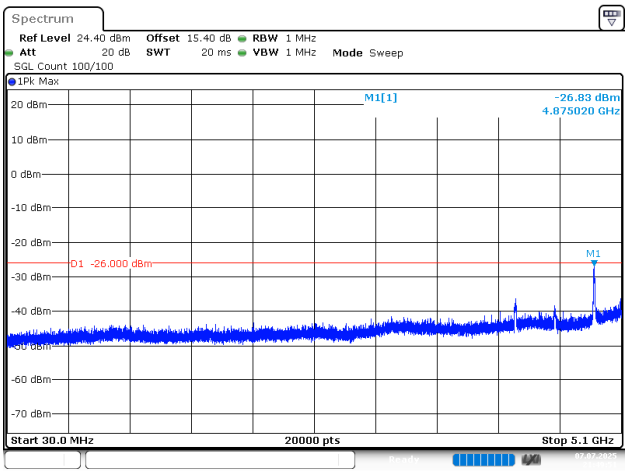
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Date: 7.JUL.2025 21:46:51

802.11ac20, Low Channel(5.3GHz~26GHz)



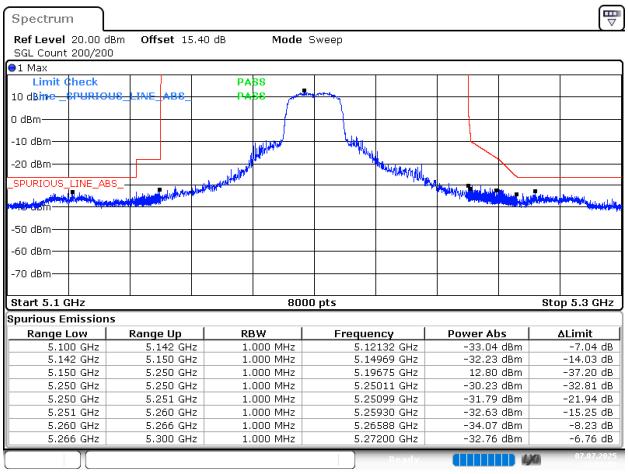
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802.11ac20, Middle Channel(30MHz~5.1GHz)



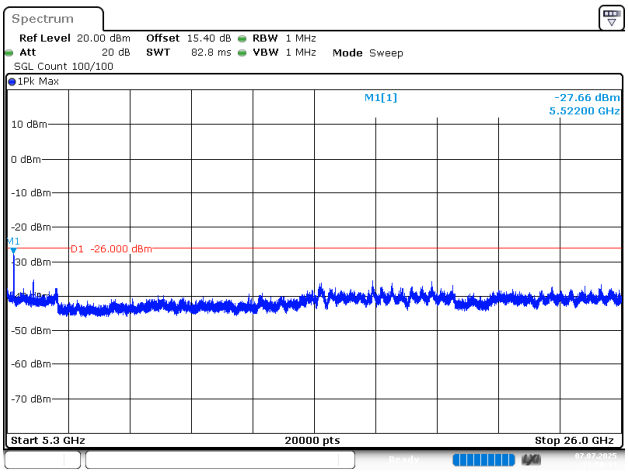
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Date: 7.JUL.2025 21:49:52

802.11ac20, Middle Channel(5.1GHz~5.3GHz)



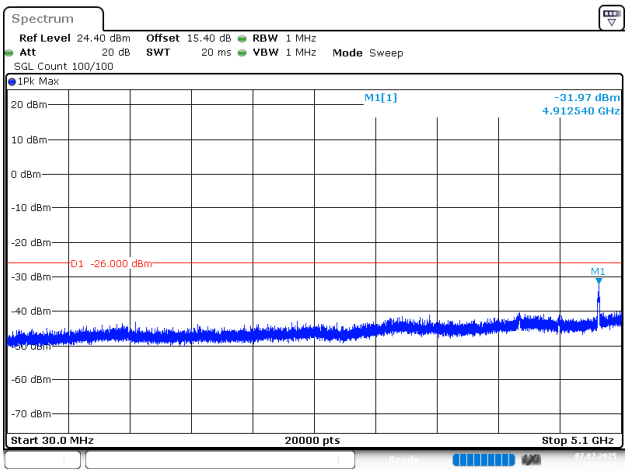
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802.11ac20, Middle Channel(5.3GHz~26GHz)



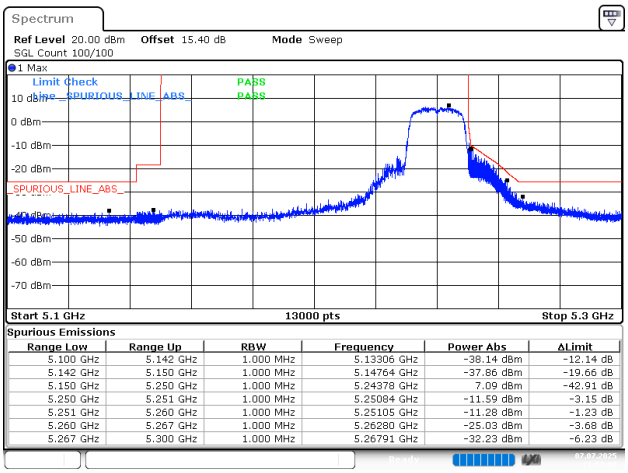
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:50:35

802.11ac20, High Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:51:57

802.11ac20, High Channel(5.1GHz~5.3GHz)

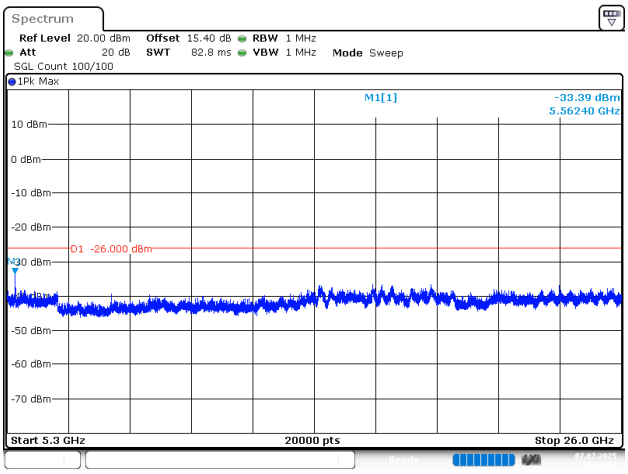


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13306 GHz	-38.14 dBm	-12.14 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14764 GHz	-37.86 dBm	-19.66 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.24378 GHz	7.09 dBm	-42.91 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25084 GHz	-11.59 dBm	-3.15 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25105 GHz	-11.28 dBm	-1.23 dB
5.260 GHz	5.267 GHz	1.000 MHz	5.26280 GHz	-25.03 dBm	-3.68 dB
5.267 GHz	5.300 GHz	1.000 MHz	5.26791 GHz	-32.23 dBm	-6.23 dB

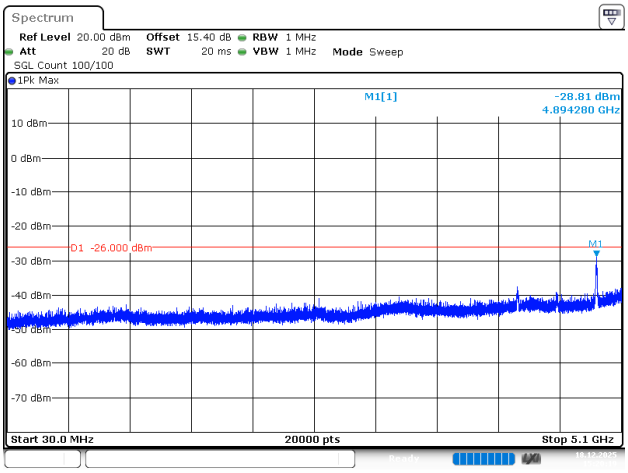
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:53:02

802.11ac20, High Channel(5.3GHz~26GHz)



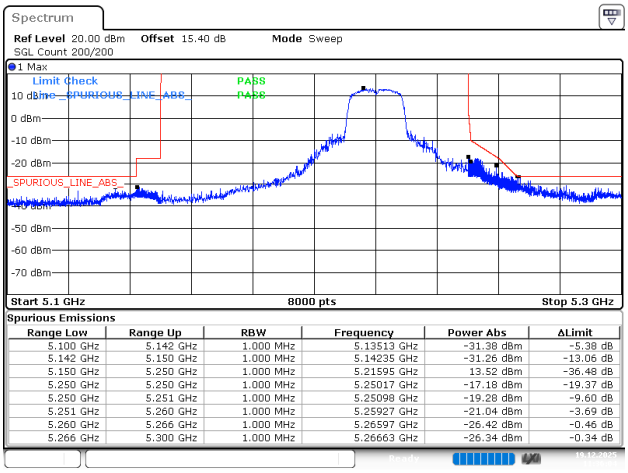
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Date: 7.JUL.2025 21:52:40

802.11ac20, Additional Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:20:19

802.11ac20, Additional Channel(5.1GHz~5.3GHz)

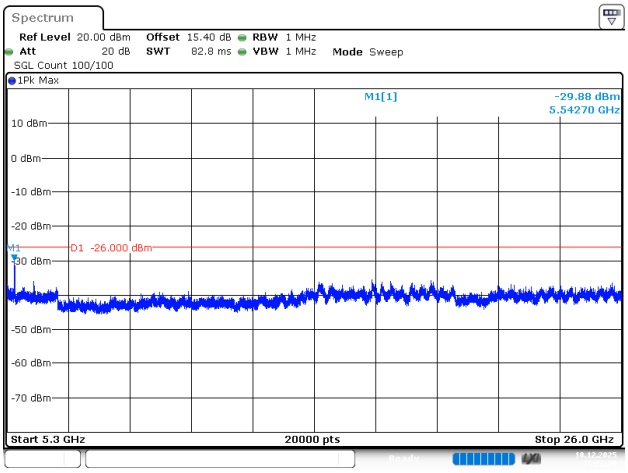


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13513 GHz	-31.38 dBm	-5.38 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14235 GHz	-31.26 dBm	-13.06 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.21595 GHz	13.52 dBm	-36.48 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25017 GHz	-17.18 dBm	-19.37 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25098 GHz	-19.28 dBm	-9.60 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25927 GHz	-21.04 dBm	-3.69 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26597 GHz	-26.42 dBm	-0.46 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.26663 GHz	-26.34 dBm	-0.34 dB

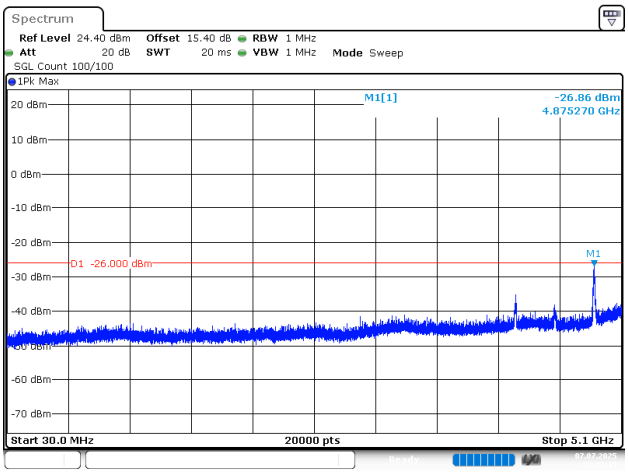
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Date: 19.DEC.2025 11:36:04

802.11ac20, Additional Channel(5.3GHz~26GHz)



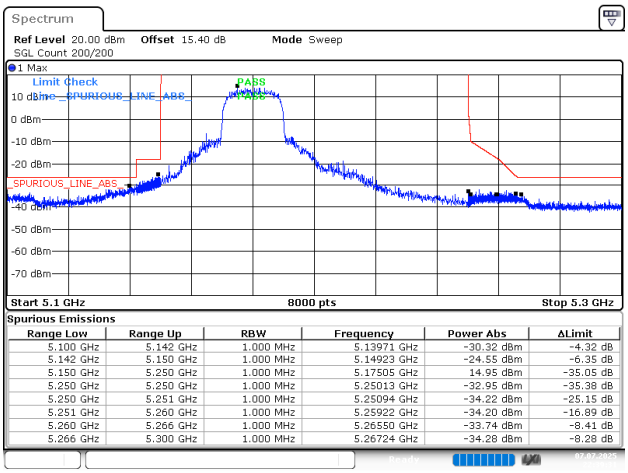
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:21:00

802.11ax20, Low Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:43:16

802.11ax20, Low Channel(5.1GHz~5.3GHz)

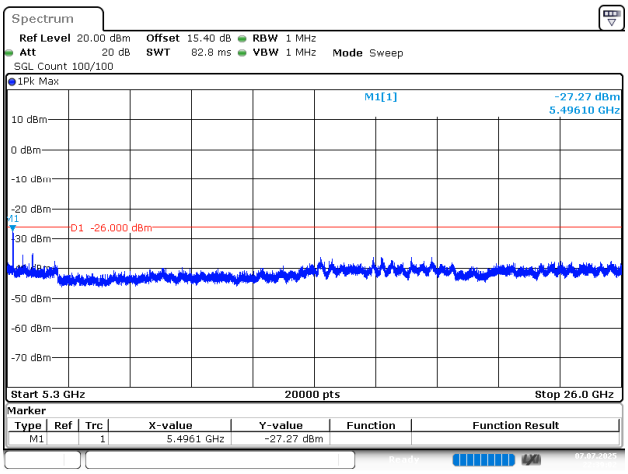


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13971 GHz	-30.32 dBm	-4.32 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14923 GHz	-24.55 dBm	-6.35 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.17505 GHz	14.95 dBm	-35.05 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25013 GHz	-32.95 dBm	-35.38 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25094 GHz	-34.22 dBm	-25.15 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25922 GHz	-34.20 dBm	-16.89 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26550 GHz	-33.74 dBm	-8.41 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.26724 GHz	-34.28 dBm	-8.28 dB

ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:39:31

802.11ax20, Low Channel(5.3GHz~26GHz)

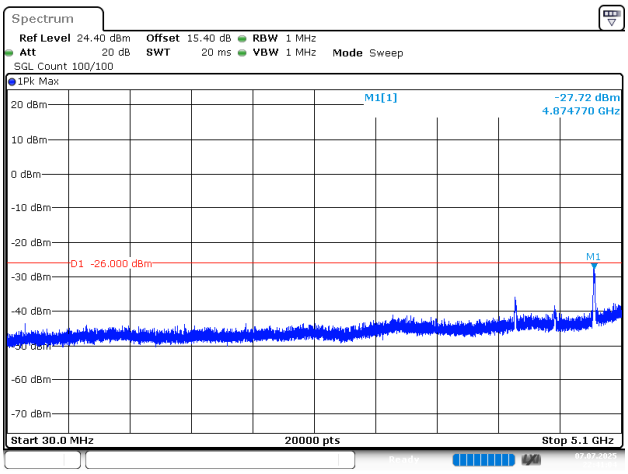


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4961 GHz	-27.27 dBm		

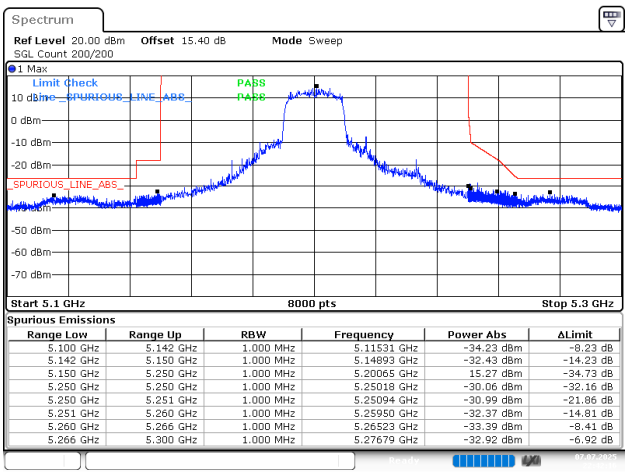
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:39:02

802.11ax20, Middle Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:41:05

802.11ax20, Middle Channel(5.1GHz~5.3GHz)

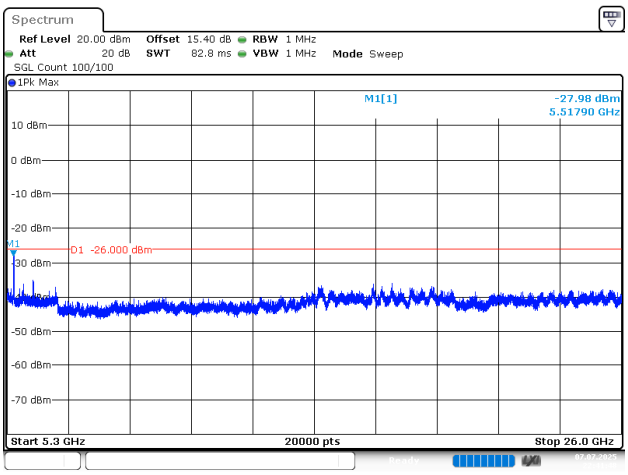


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.11531 GHz	-34.23 dBm	-8.23 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14893 GHz	-32.43 dBm	-14.23 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.20065 GHz	15.27 dBm	-34.73 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25018 GHz	-30.06 dBm	-32.16 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25094 GHz	-30.99 dBm	-21.86 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25950 GHz	-32.37 dBm	-14.81 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26523 GHz	-33.39 dBm	-8.41 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.27679 GHz	-32.92 dBm	-6.92 dB

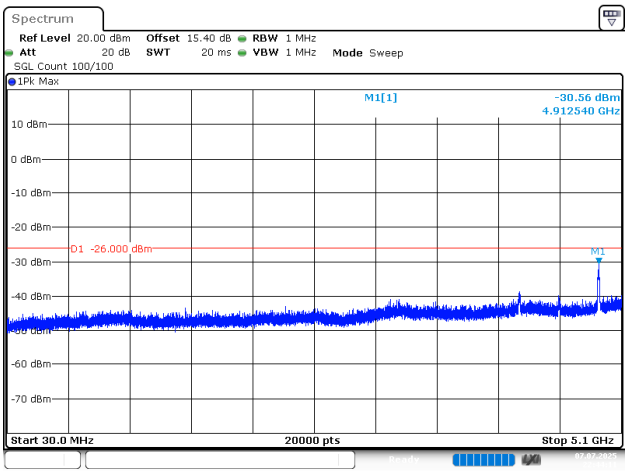
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Date: 7.JUL.2025 22:42:16

802.11ax20, Middle Channel(5.3GHz~26GHz)



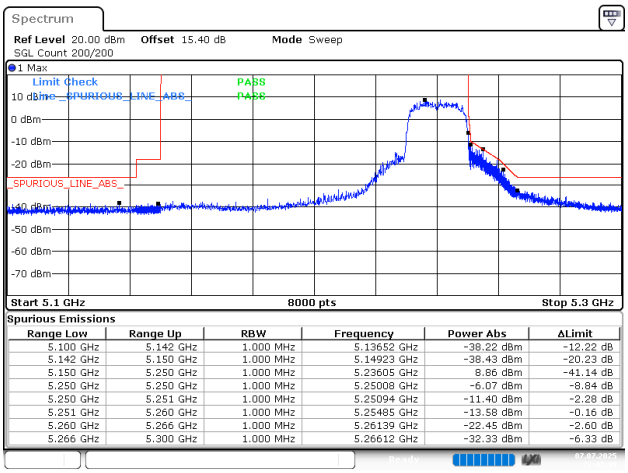
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:41:49

802.11ax20, High Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:44:12

802.11ax20, High Channel(5.1GHz~5.3GHz)

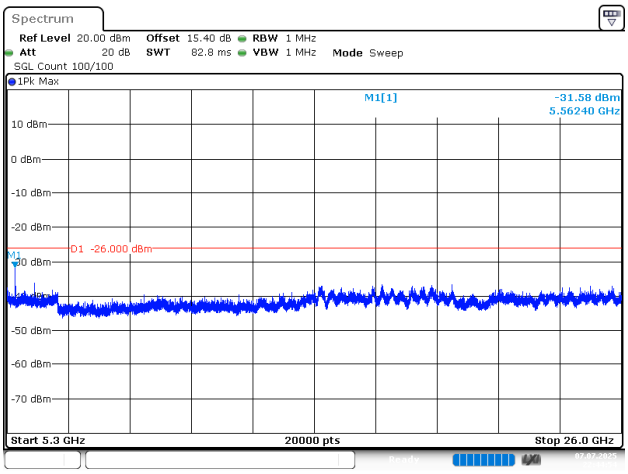


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.13652 GHz	-38.22 dBm	-12.22 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14923 GHz	-38.43 dBm	-20.23 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.23605 GHz	8.86 dBm	-41.14 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25008 GHz	-6.07 dBm	-8.84 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25094 GHz	-11.40 dBm	-2.28 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25485 GHz	-13.58 dBm	-0.16 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26139 GHz	-22.45 dBm	-2.60 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.26612 GHz	-32.33 dBm	-6.33 dB

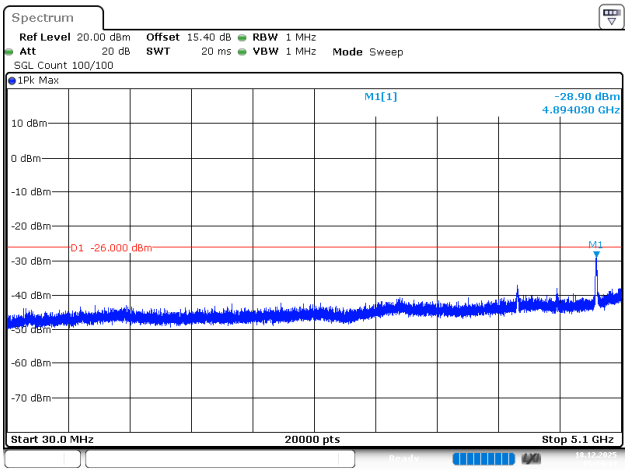
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Date: 7.JUL.2025 22:47:40

802.11ax20, High Channel(5.3GHz~26GHz)



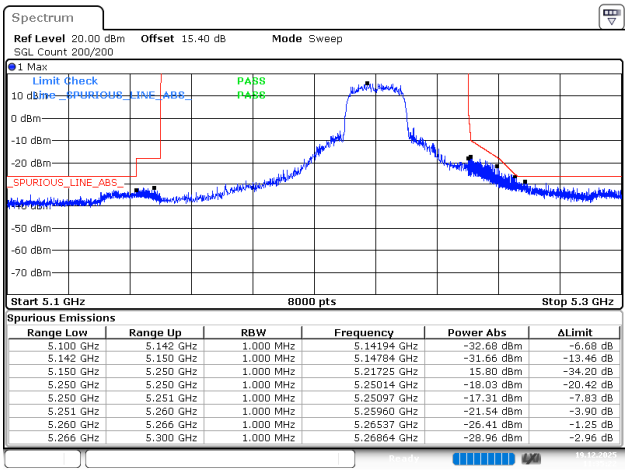
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:44:55

802.11ax20, Additional Channel(30MHz~5.1GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:34:34

802.11ax20, Additional Channel(5.1GHz~5.3GHz)

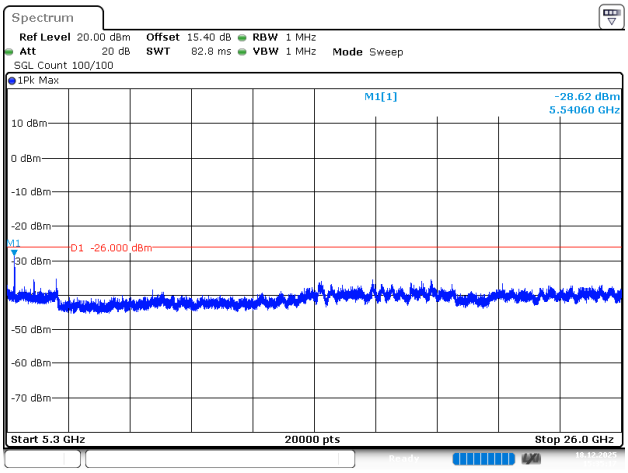


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.100 GHz	5.142 GHz	1.000 MHz	5.14194 GHz	-32.68 dBm	-6.68 dB
5.142 GHz	5.150 GHz	1.000 MHz	5.14784 GHz	-31.66 dBm	-13.46 dB
5.150 GHz	5.250 GHz	1.000 MHz	5.21725 GHz	15.80 dBm	-34.20 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.25014 GHz	-18.03 dBm	-20.42 dB
5.250 GHz	5.251 GHz	1.000 MHz	5.25097 GHz	-17.31 dBm	-7.83 dB
5.251 GHz	5.260 GHz	1.000 MHz	5.25960 GHz	-21.54 dBm	-3.90 dB
5.260 GHz	5.266 GHz	1.000 MHz	5.26537 GHz	-26.41 dBm	-1.25 dB
5.266 GHz	5.300 GHz	1.000 MHz	5.26864 GHz	-28.96 dBm	-2.96 dB

ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:35:22

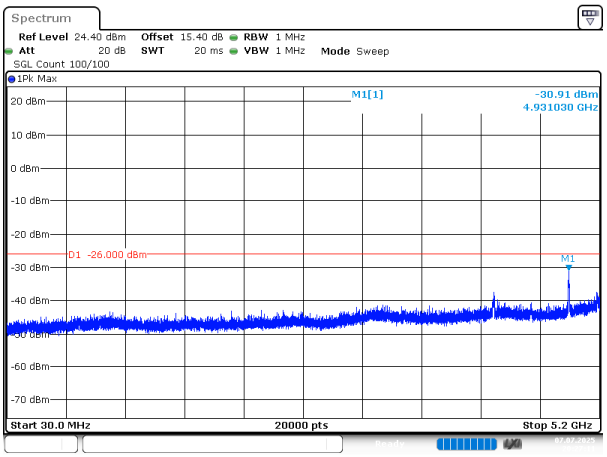
802.11ax20, Additional Channel(5.3GHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
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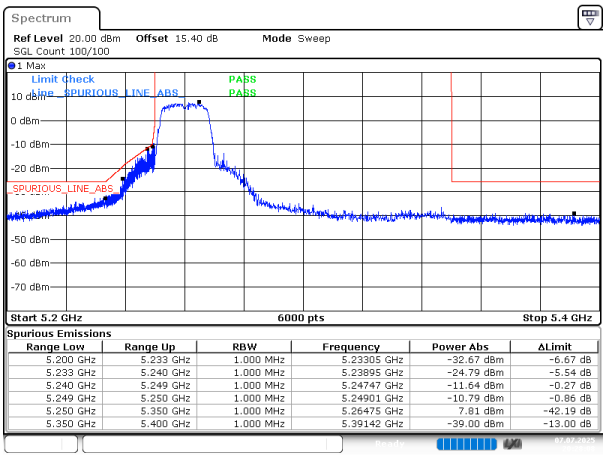
W53, Test Condition: NV

802.11a, Low Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:27:11

802.11a, Low Channel(5.2GHz~5.4GHz)

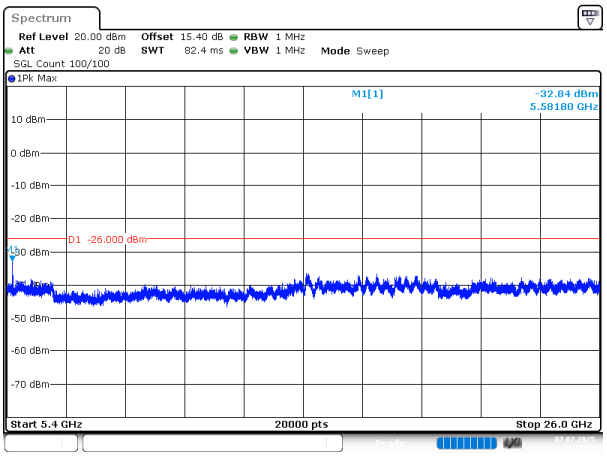


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23305 GHz	-32.67 dBm	-6.67 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23895 GHz	-24.79 dBm	-5.54 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24747 GHz	-11.64 dBm	-0.27 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24901 GHz	-10.79 dBm	-0.86 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.26475 GHz	7.81 dBm	-42.19 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.39142 GHz	-39.00 dBm	-13.00 dB

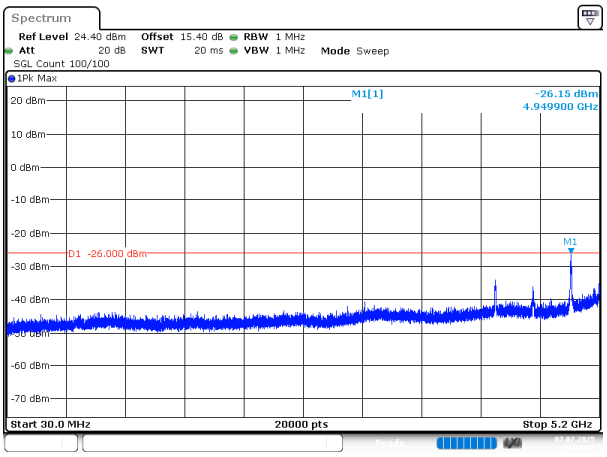
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Date: 7.JUL.2025 20:28:09

802.11a, Low Channel(5.4GHz~26GHz)



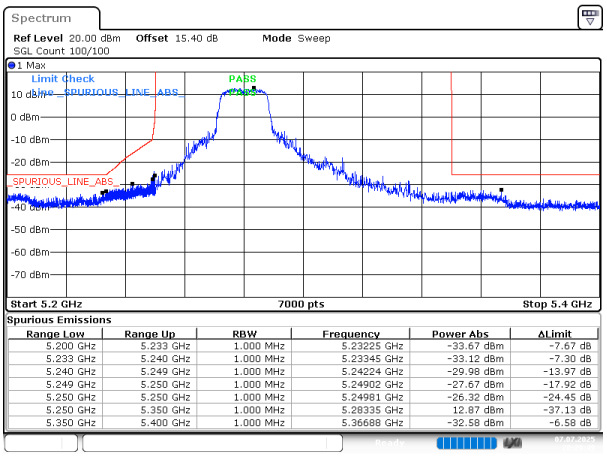
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Date: 7.JUL.2025 20:27:53

802.11a, Middle Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:28:51

802.11a, Middle Channel(5.2GHz~5.4GHz)

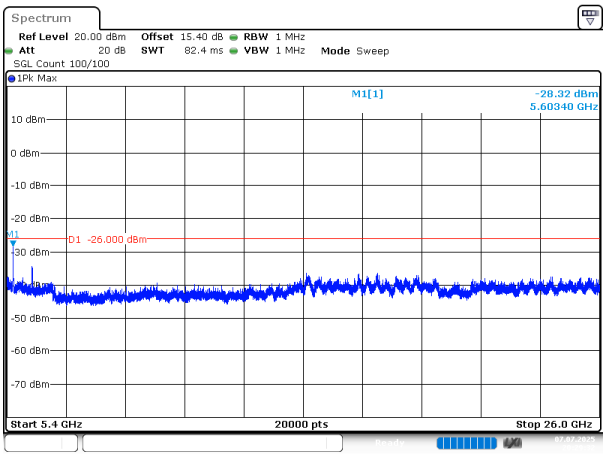


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23225 GHz	-33.67 dBm	-7.67 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23345 GHz	-33.12 dBm	-7.30 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24224 GHz	-29.98 dBm	-13.97 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24902 GHz	-27.67 dBm	-17.92 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24981 GHz	-26.32 dBm	-24.45 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.28335 GHz	12.87 dBm	-37.13 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.36688 GHz	-32.58 dBm	-6.58 dB

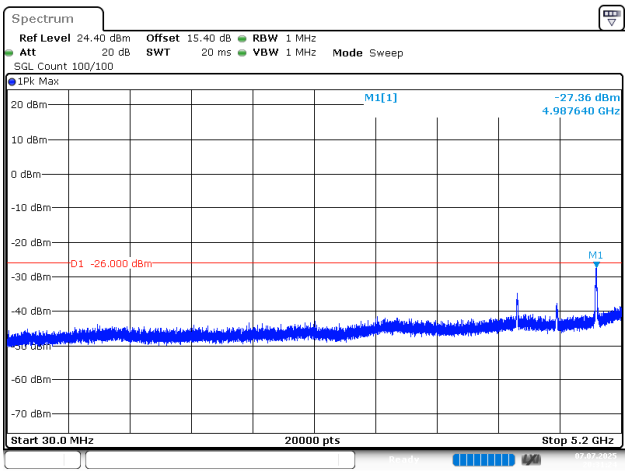
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Date: 7.JUL.2025 20:29:50

802.11a, Middle Channel(5.4GHz~26GHz)



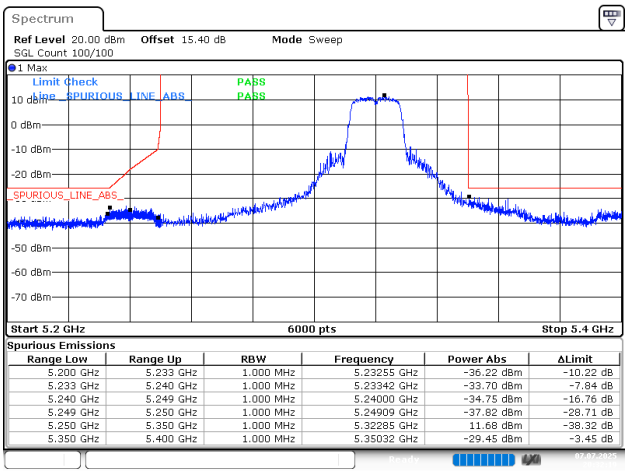
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:29:32

802.11a, High Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:31:25

802.11a, High Channel(5.2GHz~5.4GHz)

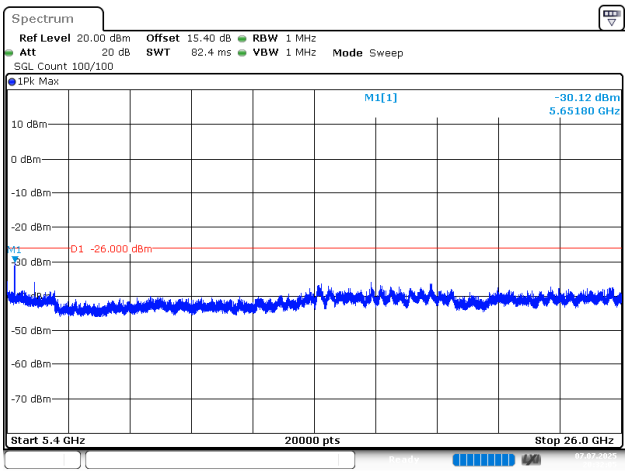


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23255 GHz	-36.22 dBm	-10.22 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23342 GHz	-33.70 dBm	-7.84 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24000 GHz	-34.75 dBm	-16.76 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24909 GHz	-37.82 dBm	-28.71 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.32285 GHz	11.68 dBm	-38.32 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35032 GHz	-29.45 dBm	-3.45 dB

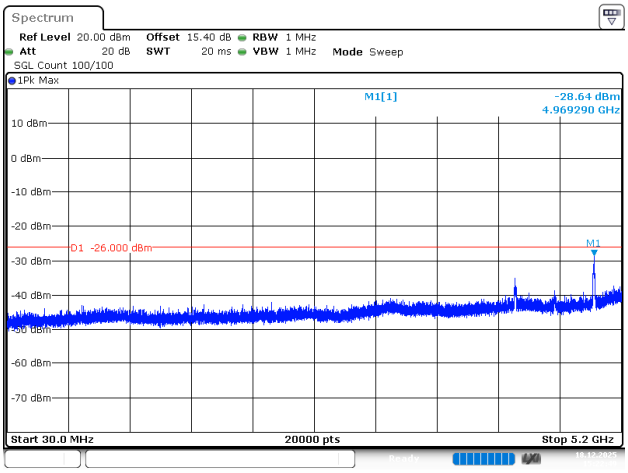
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802.11a, High Channel(5.4GHz~26GHz)



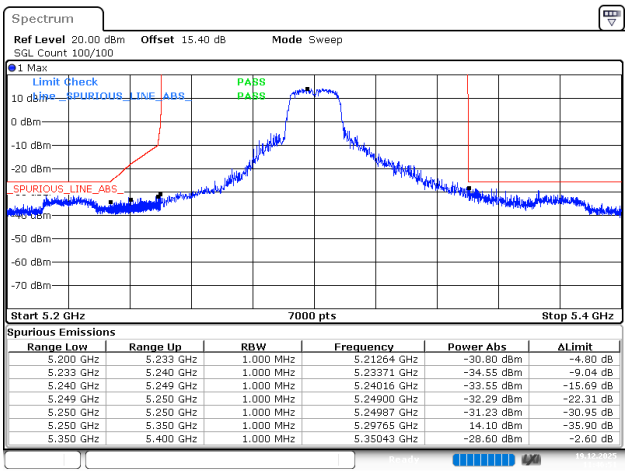
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Date: 7.JUL.2025 20:32:06

802.11a, Additional Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:22:49

802.11a, Additional Channel(5.2GHz~5.4GHz)

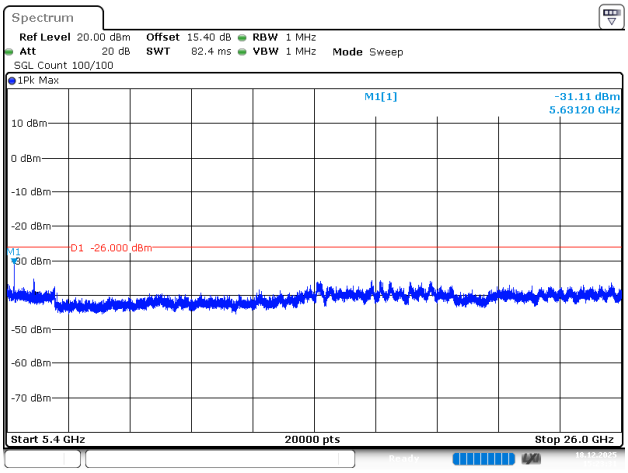


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.21264 GHz	-30.80 dBm	-4.80 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23371 GHz	-34.55 dBm	-9.04 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24016 GHz	-33.55 dBm	-15.69 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24900 GHz	-32.29 dBm	-22.31 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24987 GHz	-31.23 dBm	-30.95 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.29765 GHz	14.10 dBm	-35.90 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35043 GHz	-28.60 dBm	-2.60 dB

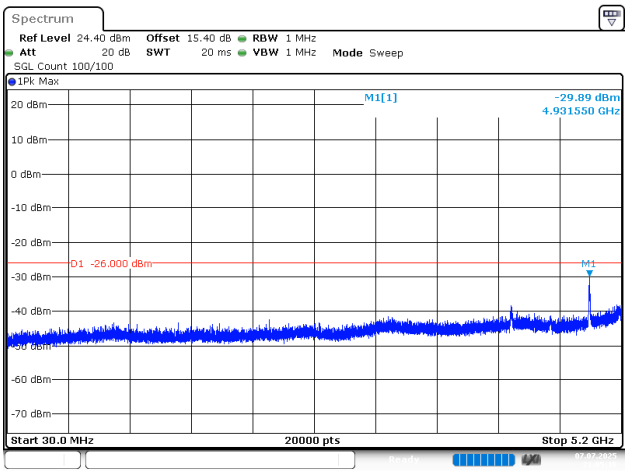
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Date: 19.DEC.2025 11:46:51

802.11a, Additional Channel(5.4GHz~26GHz)



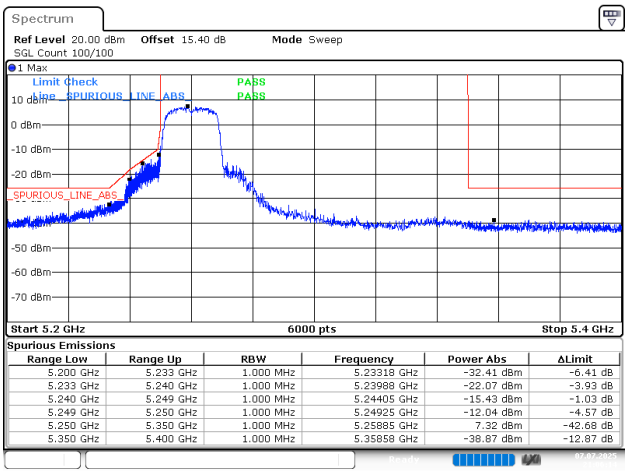
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Date: 18.DEC.2025 15:23:32

802.11n20, Low Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:05:17

802.11n20, Low Channel(5.2GHz~5.4GHz)

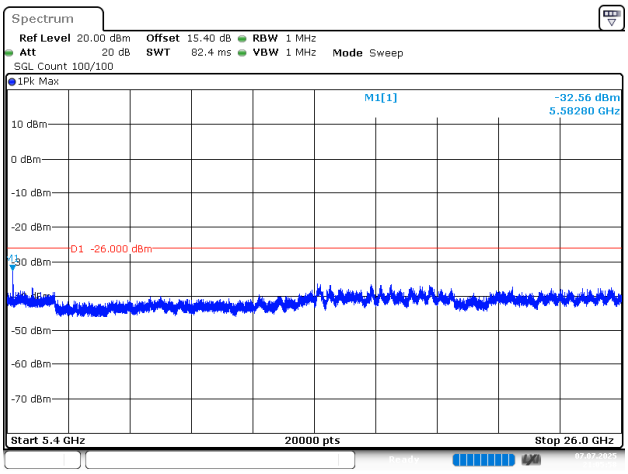


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23318 GHz	-32.41 dBm	-6.41 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23988 GHz	-22.07 dBm	-3.93 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24405 GHz	-15.43 dBm	-1.03 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24925 GHz	-12.04 dBm	-4.57 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.25885 GHz	7.32 dBm	-42.68 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35858 GHz	-38.87 dBm	-12.87 dB

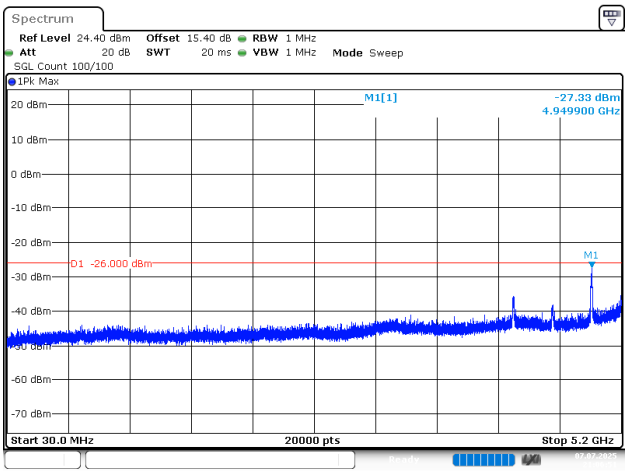
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Date: 7.JUL.2025 21:06:15

802.11n20, Low Channel(5.4GHz~26GHz)



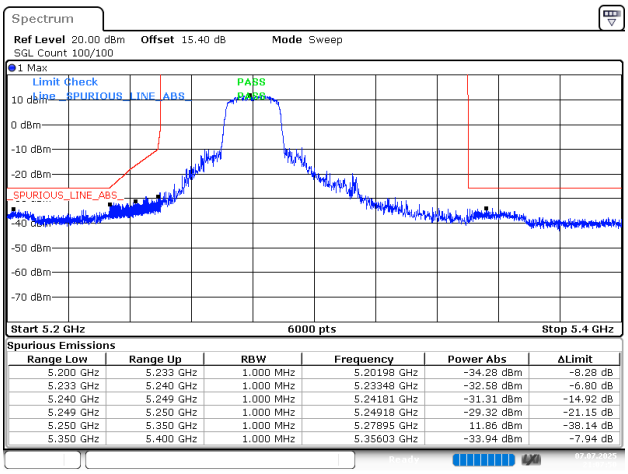
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Date: 7.JUL.2025 21:05:58

802.11n20, Middle Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:06:52

802.11n20, Middle Channel(5.2GHz~5.4GHz)

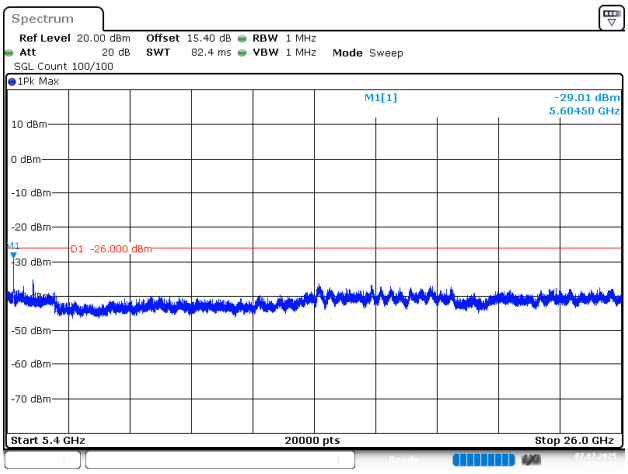


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.20198 GHz	-34.28 dBm	-8.28 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23348 GHz	-32.58 dBm	-6.80 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24181 GHz	-31.31 dBm	-14.92 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24918 GHz	-29.32 dBm	-21.15 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.27895 GHz	11.86 dBm	-38.14 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35603 GHz	-33.94 dBm	-7.94 dB

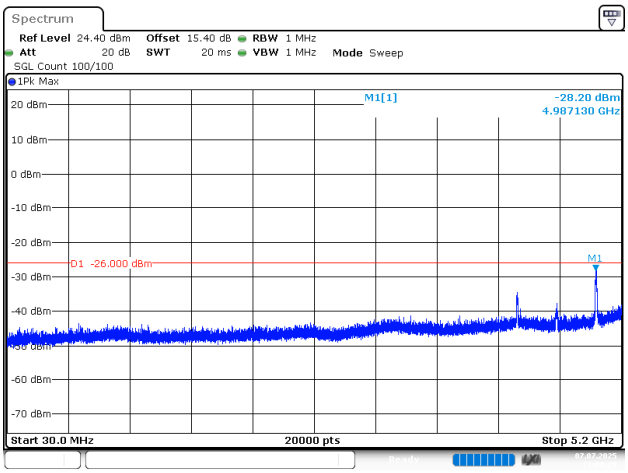
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802.11n20, Middle Channel(5.4GHz~26GHz)



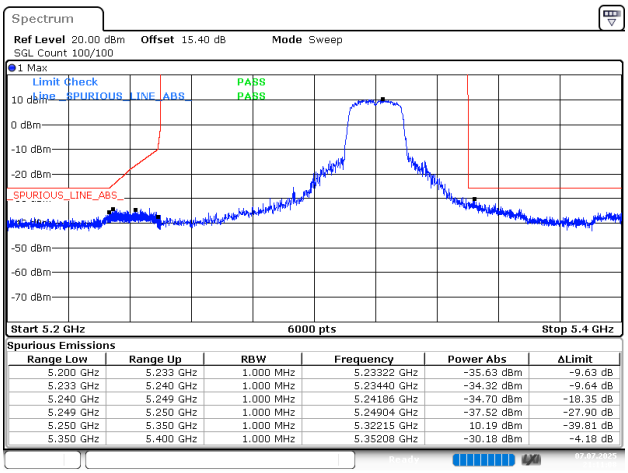
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Date: 7.JUL.2025 21:07:33

802.11n20, High Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:08:29

802.11n20, High Channel(5.2GHz~5.4GHz)

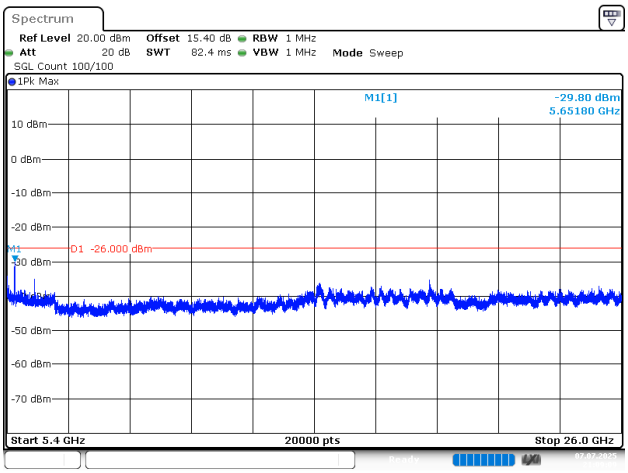


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23322 GHz	-35.63 dBm	-9.63 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23440 GHz	-34.32 dBm	-9.64 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24186 GHz	-34.70 dBm	-18.35 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24904 GHz	-37.52 dBm	-27.90 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.32215 GHz	10.19 dBm	-39.81 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35208 GHz	-30.18 dBm	-4.18 dB

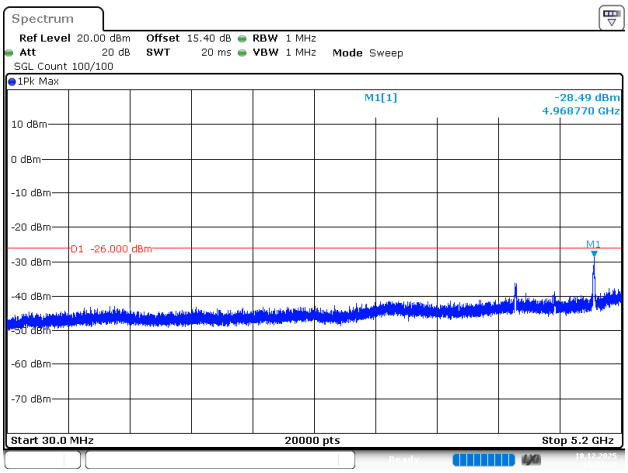
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:11:09

802.11n20, High Channel(5.4GHz~26GHz)



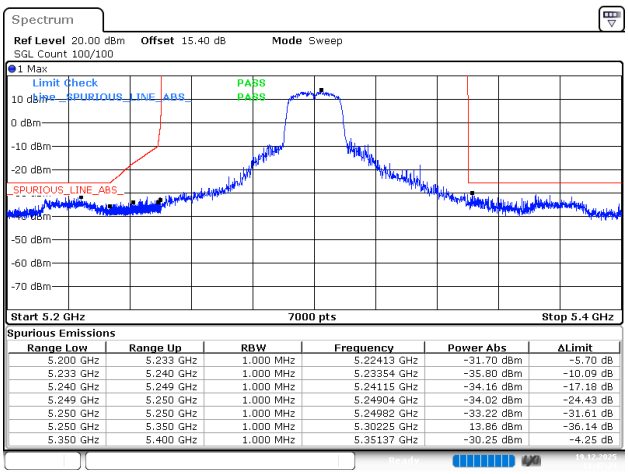
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:09:10

802.11n20, Additional Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:24:32

802.11n20, Additional Channel(5.2GHz~5.4GHz)

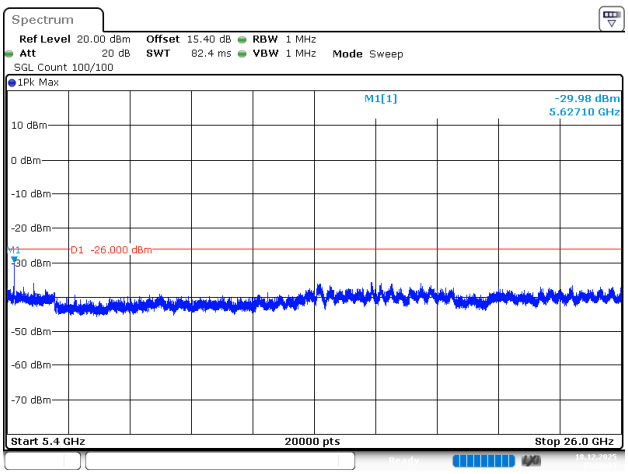


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.22413 GHz	-31.70 dBm	-5.70 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23354 GHz	-35.80 dBm	-10.09 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24115 GHz	-34.16 dBm	-17.18 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24904 GHz	-34.02 dBm	-24.43 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24982 GHz	-33.22 dBm	-31.61 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.30225 GHz	13.86 dBm	-36.14 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35137 GHz	-30.25 dBm	-4.25 dB

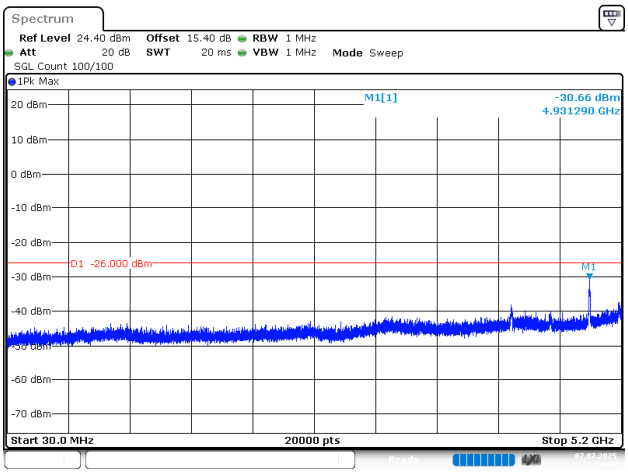
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Date: 19.DEC.2025 11:47:24

802.11n20, Additional Channel(5.4GHz~26GHz)



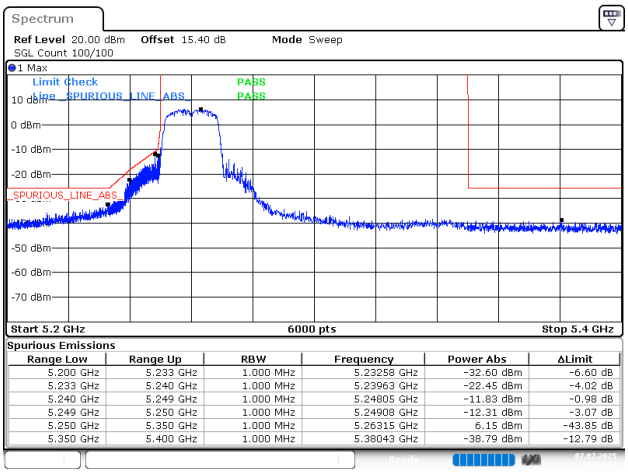
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Date: 18.DEC.2025 15:25:13

802.11ac20, Low Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:54:11

802.11ac20, Low Channel(5.2GHz~5.4GHz)

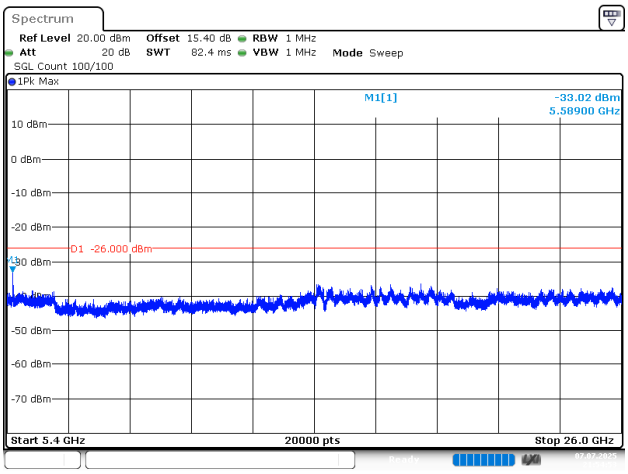


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23258 GHz	-32.60 dBm	-6.60 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23963 GHz	-22.45 dBm	-4.02 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24805 GHz	-11.83 dBm	-0.98 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24908 GHz	-12.31 dBm	-3.07 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.26315 GHz	6.15 dBm	-43.85 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.38043 GHz	-38.79 dBm	-12.79 dB

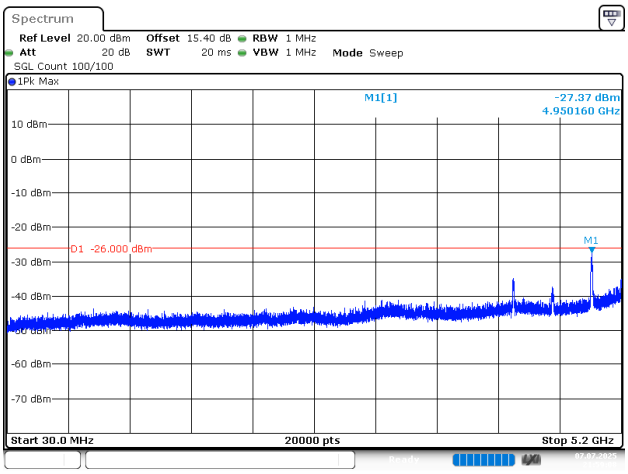
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802.11ac20, Low Channel(5.4GHz~26GHz)



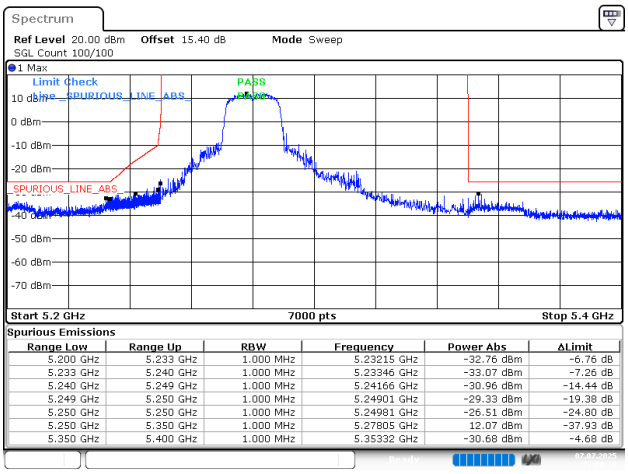
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:54:53

802.11ac20, Middle Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:59:09

802.11ac20, Middle Channel(5.2GHz~5.4GHz)

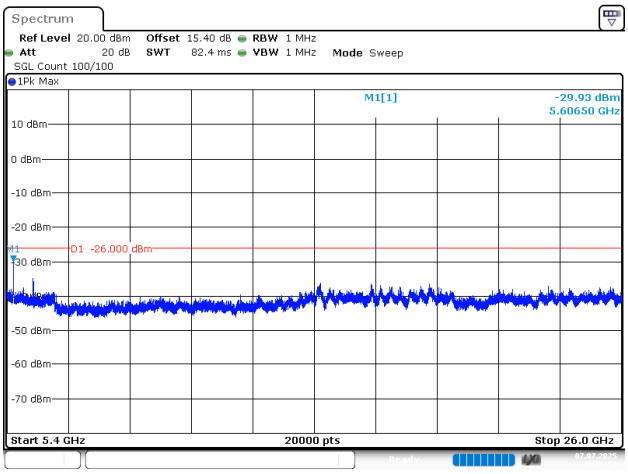


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23215 GHz	-32.76 dBm	-6.76 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23346 GHz	-33.07 dBm	-7.26 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24166 GHz	-30.96 dBm	-14.44 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24901 GHz	-29.33 dBm	-19.38 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24981 GHz	-26.51 dBm	-24.80 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.27805 GHz	12.07 dBm	-37.93 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35332 GHz	-30.68 dBm	-4.68 dB

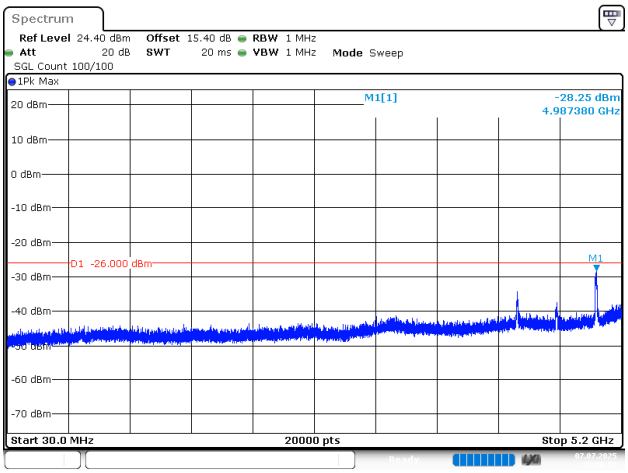
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:00:10

802.11ac20, Middle Channel(5.4GHz~26GHz)



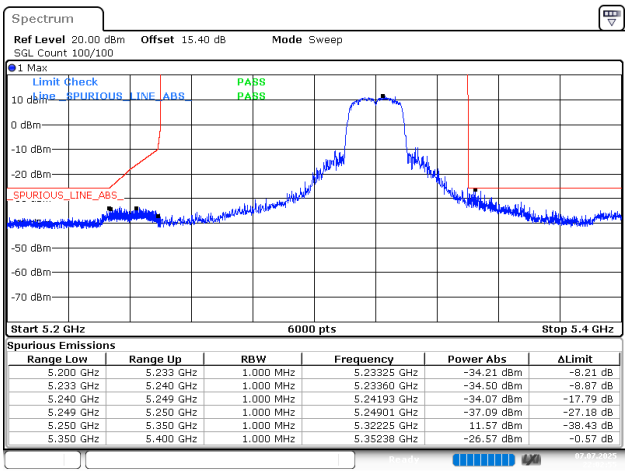
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:59:50

802.11ac20, High Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:00:59

802.11ac20, High Channel(5.2GHz~5.4GHz)

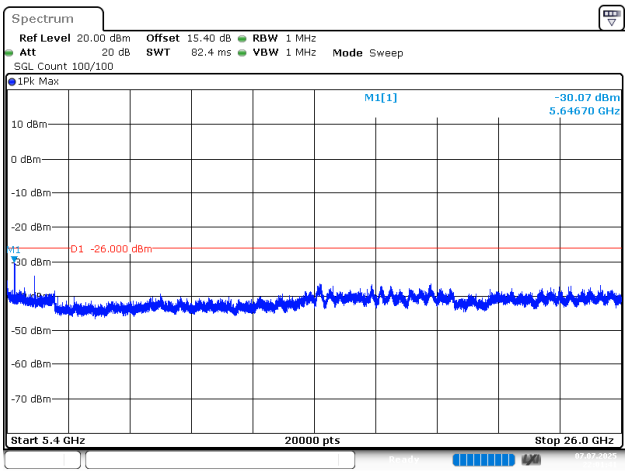


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23325 GHz	-34.21 dBm	-8.21 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23360 GHz	-34.50 dBm	-8.87 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24193 GHz	-34.07 dBm	-17.79 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24901 GHz	-37.09 dBm	-27.18 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.32225 GHz	11.57 dBm	-38.43 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35238 GHz	-26.57 dBm	-0.57 dB

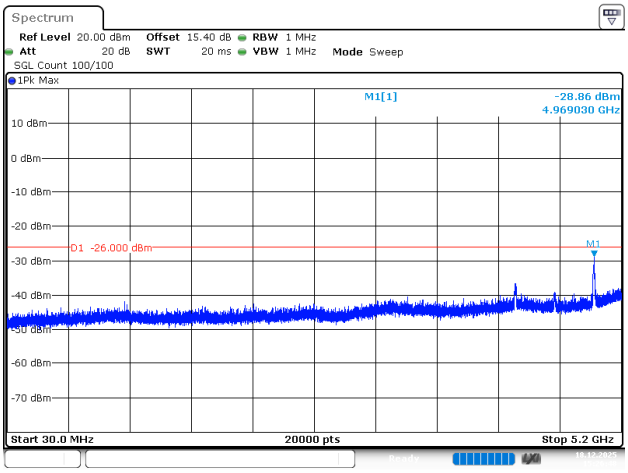
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802.11ac20, High Channel(5.4GHz~26GHz)



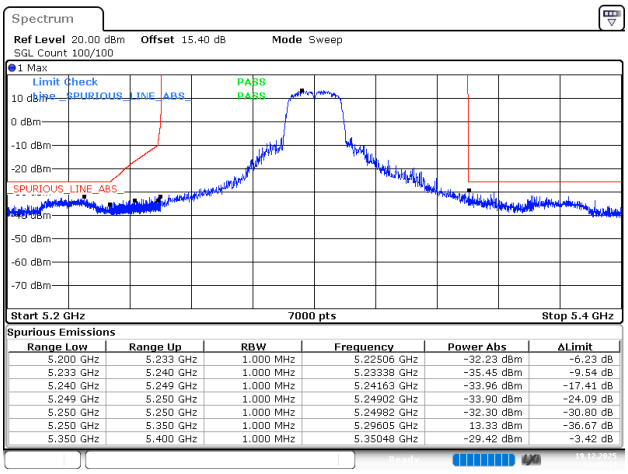
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:01:42

802.11ac20, Additional Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:26:48

802.11ac20, Additional Channel(5.2GHz~5.4GHz)

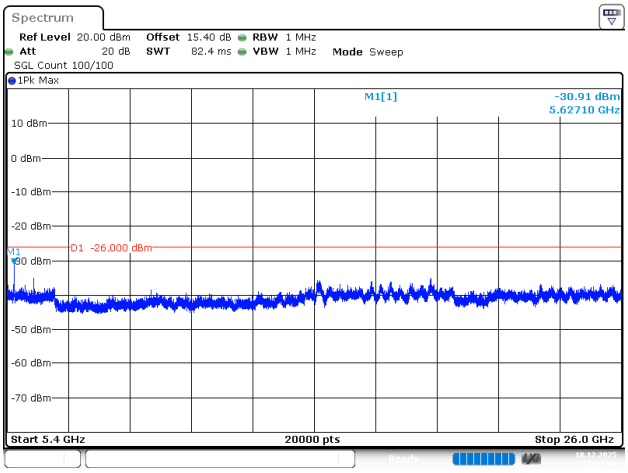


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.22506 GHz	-32.23 dBm	-6.23 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23338 GHz	-35.45 dBm	-9.54 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24163 GHz	-33.96 dBm	-17.41 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24902 GHz	-33.90 dBm	-24.09 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24982 GHz	-32.30 dBm	-30.80 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.29605 GHz	13.33 dBm	-36.67 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35048 GHz	-29.42 dBm	-3.42 dB

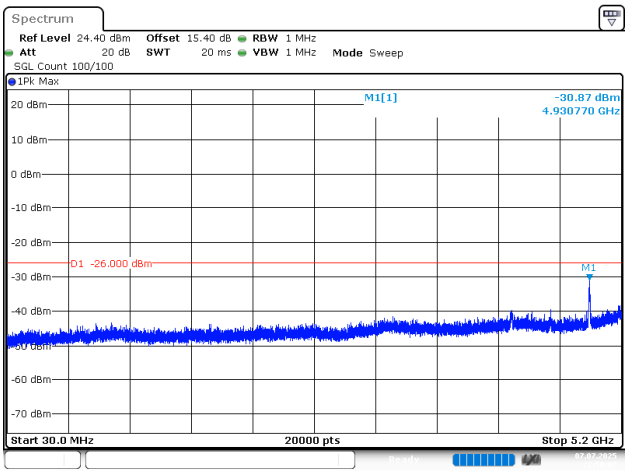
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Date: 19.DEC.2025 11:48:34

802.11ac20, Additional Channel(5.4GHz~26GHz)



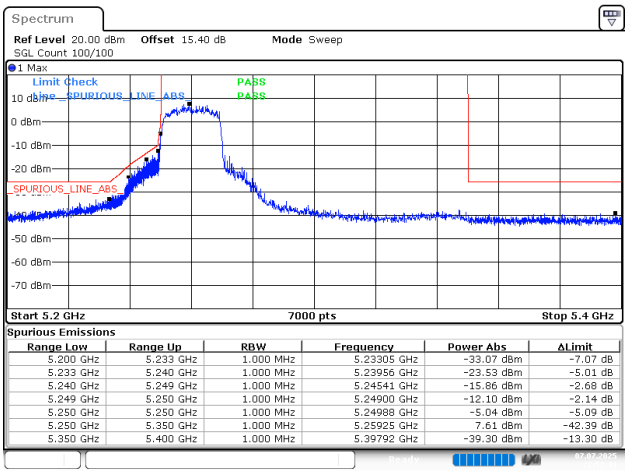
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:27:31

802.11ax20, Low Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:50:08

802.11ax20, Low Channel(5.2GHz~5.4GHz)

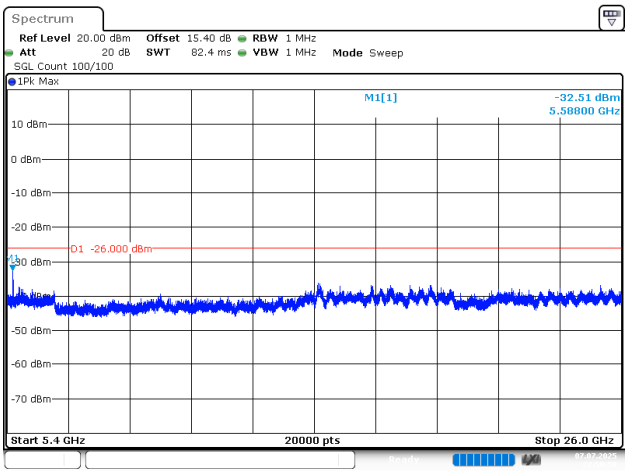


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23305 GHz	-33.07 dBm	-7.07 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23956 GHz	-23.53 dBm	-5.01 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24541 GHz	-15.86 dBm	-2.68 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24900 GHz	-12.10 dBm	-2.14 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24988 GHz	-5.04 dBm	-5.09 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.25925 GHz	7.61 dBm	-42.39 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.39792 GHz	-39.30 dBm	-13.30 dB

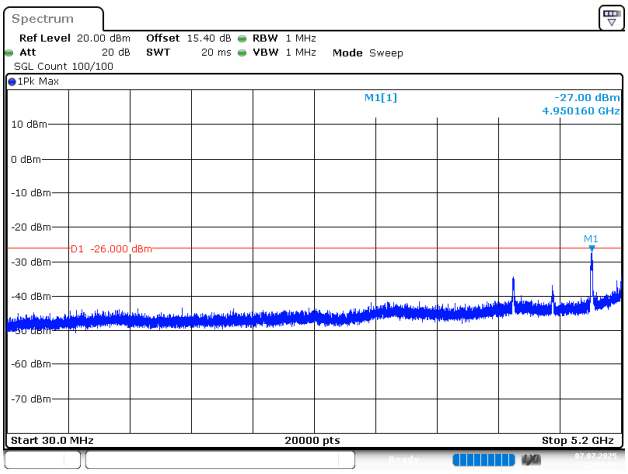
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802.11ax20, Low Channel(5.4GHz~26GHz)



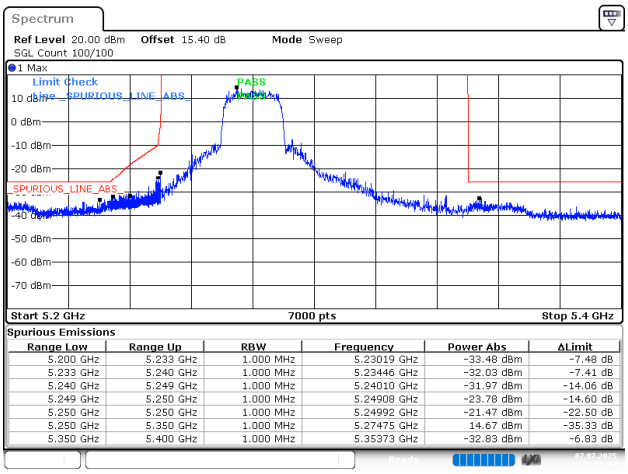
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Date: 7.JUL.2025 22:50:51

802.11ax20, Middle Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:53:56

802.11ax20, Middle Channel(5.2GHz~5.4GHz)

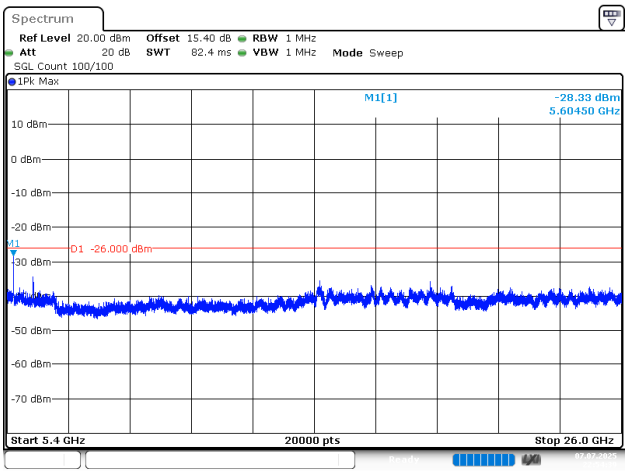


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23019 GHz	-33.48 dBm	-7.48 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23446 GHz	-32.03 dBm	-7.41 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24010 GHz	-31.97 dBm	-14.06 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24908 GHz	-23.78 dBm	-14.60 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24992 GHz	-21.47 dBm	-22.50 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.27475 GHz	14.67 dBm	-35.33 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35373 GHz	-32.83 dBm	-6.83 dB

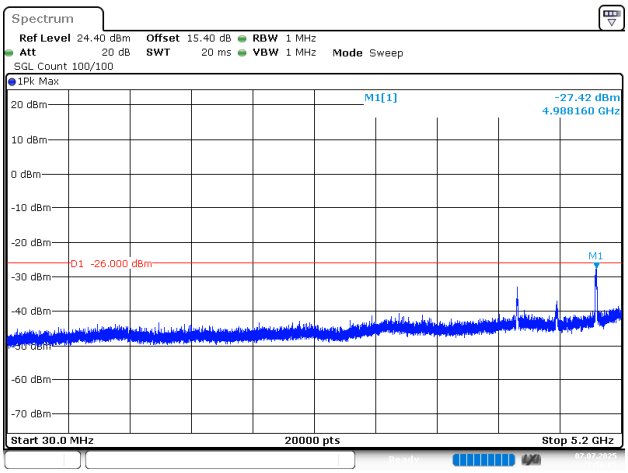
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802.11ax20, Middle Channel(5.4GHz~26GHz)



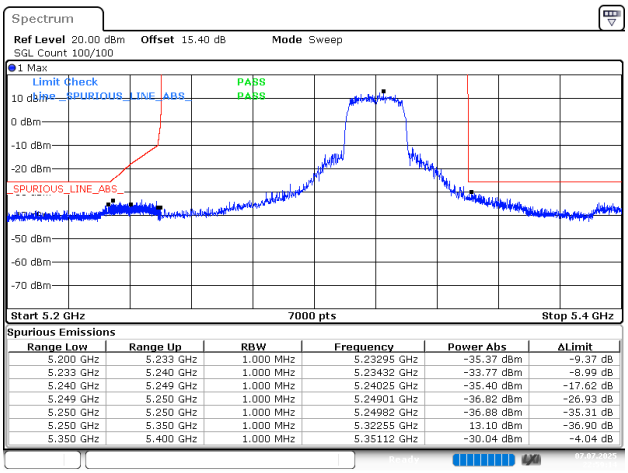
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Date: 7.JUL.2025 22:54:39

802.11ax20, High Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:56:06

802.11ax20, High Channel(5.2GHz~5.4GHz)

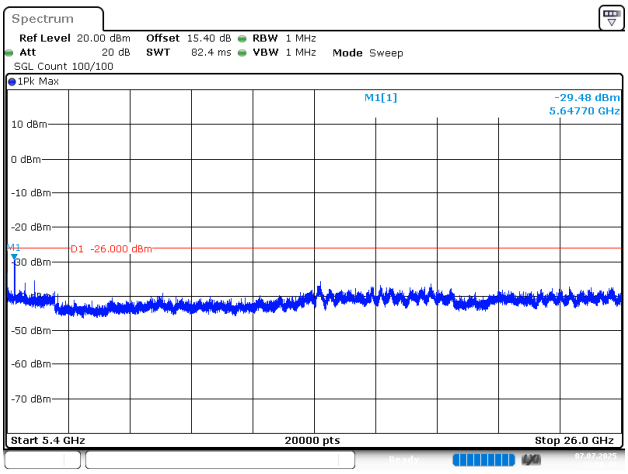


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.23295 GHz	-35.37 dBm	-9.37 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23432 GHz	-33.77 dBm	-8.99 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24025 GHz	-35.40 dBm	-17.62 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24901 GHz	-36.82 dBm	-26.93 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24982 GHz	-36.88 dBm	-35.31 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.32255 GHz	13.10 dBm	-36.90 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35112 GHz	-30.04 dBm	-4.04 dB

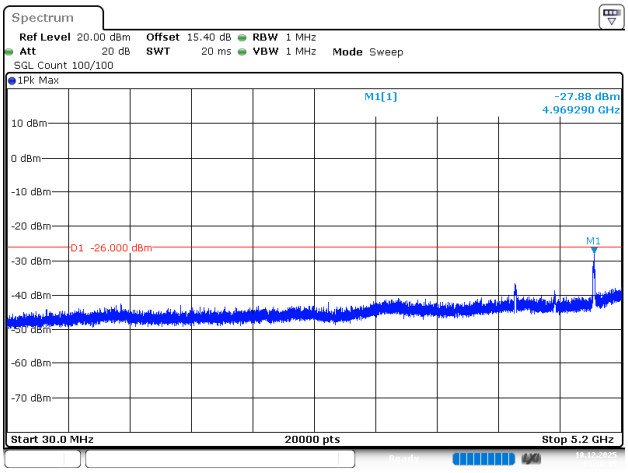
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Date: 7.JUL.2025 22:59:15

802.11ax20, High Channel(5.4GHz~26GHz)



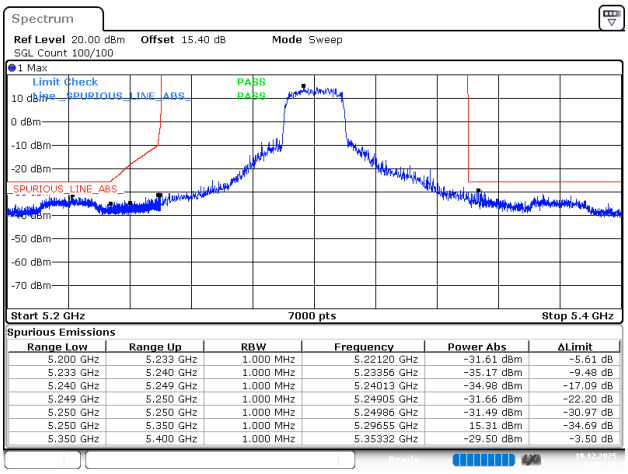
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Date: 7.JUL.2025 22:56:49

802.11ax20, Additional Channel(30MHz~5.2GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 18.DEC.2025 15:36:35

802.11ax20, Additional Channel(5.2GHz~5.4GHz)

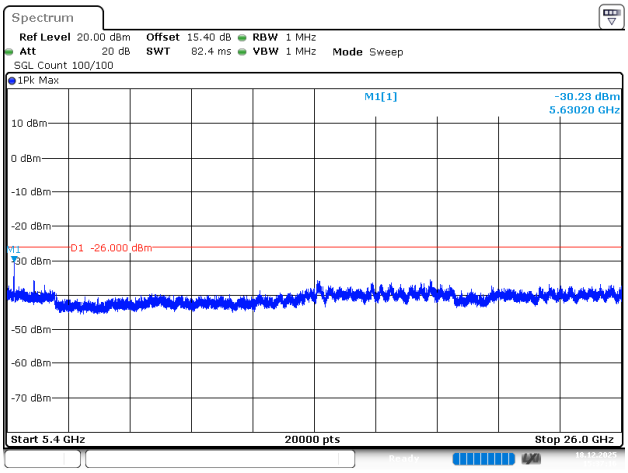


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.200 GHz	5.233 GHz	1.000 MHz	5.22120 GHz	-31.61 dBm	-5.61 dB
5.233 GHz	5.240 GHz	1.000 MHz	5.23356 GHz	-35.17 dBm	-9.48 dB
5.240 GHz	5.249 GHz	1.000 MHz	5.24013 GHz	-34.98 dBm	-17.09 dB
5.249 GHz	5.250 GHz	1.000 MHz	5.24905 GHz	-31.66 dBm	-22.20 dB
5.250 GHz	5.250 GHz	1.000 MHz	5.24986 GHz	-31.49 dBm	-30.97 dB
5.250 GHz	5.350 GHz	1.000 MHz	5.29655 GHz	15.31 dBm	-34.69 dB
5.350 GHz	5.400 GHz	1.000 MHz	5.35332 GHz	-29.50 dBm	-3.50 dB

ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 19.DEC.2025 11:47:56

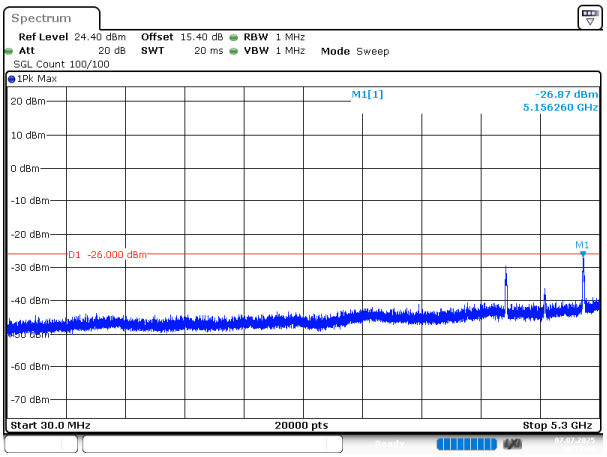
802.11ax20, Additional Channel(5.4GHz~26GHz)



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Date: 18.DEC.2025 15:37:16

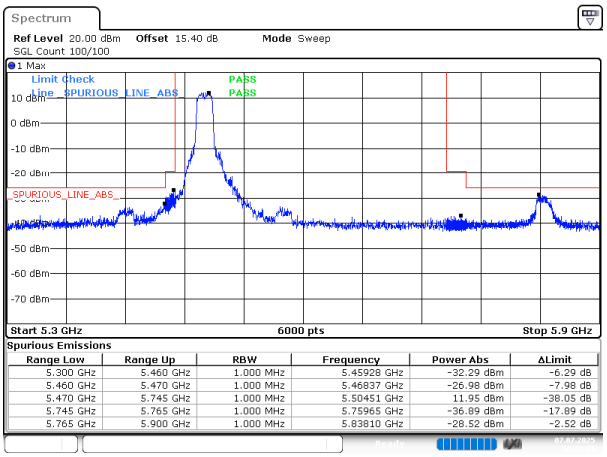
W56, Test Condition: NV

802.11a, Low Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:33:11

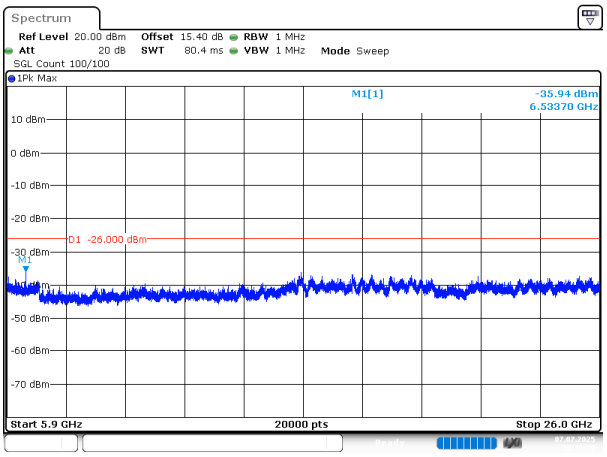
802.11a, Low Channel(5.3GHz~5.9GHz)



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.45928 GHz	-32.29 dBm	-6.29 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46837 GHz	-26.98 dBm	-7.98 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.50451 GHz	11.95 dBm	-38.05 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75965 GHz	-36.89 dBm	-17.89 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.83810 GHz	-28.52 dBm	-2.52 dB

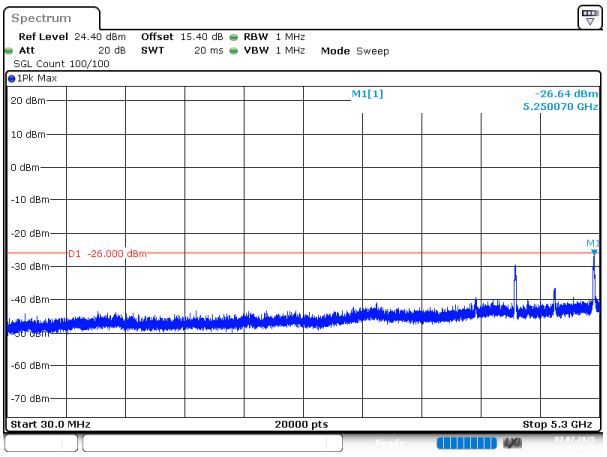
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:34:05

802.11a, Low Channel(5.9GHz~26GHz)



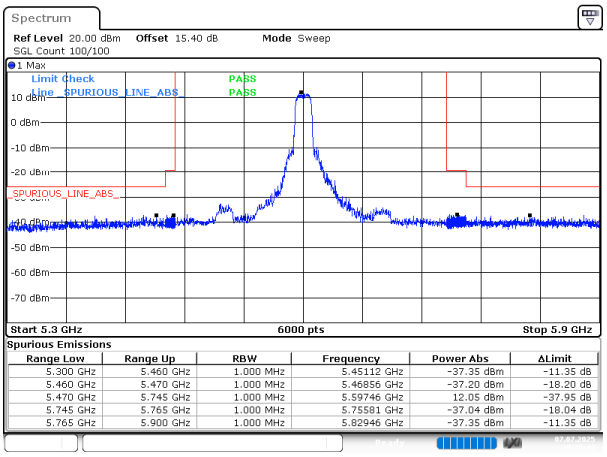
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:33:51

802.11a, Middle Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:34:49

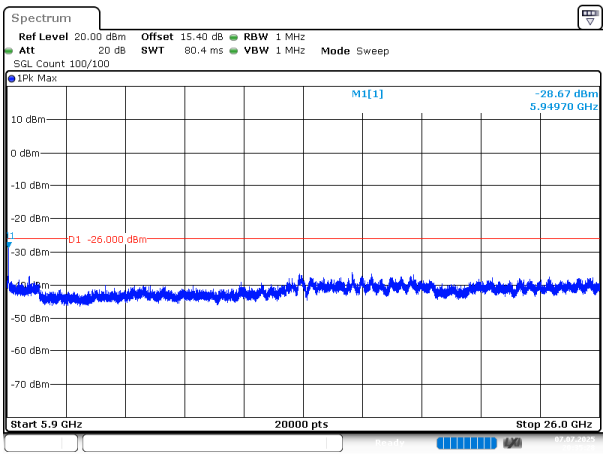
802.11a, Middle Channel(5.3GHz~5.9GHz)



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.45112 GHz	-37.35 dBm	-11.35 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46856 GHz	-37.20 dBm	-18.20 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.59746 GHz	12.05 dBm	-37.95 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75581 GHz	-37.04 dBm	-18.04 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.82946 GHz	-37.35 dBm	-11.35 dB

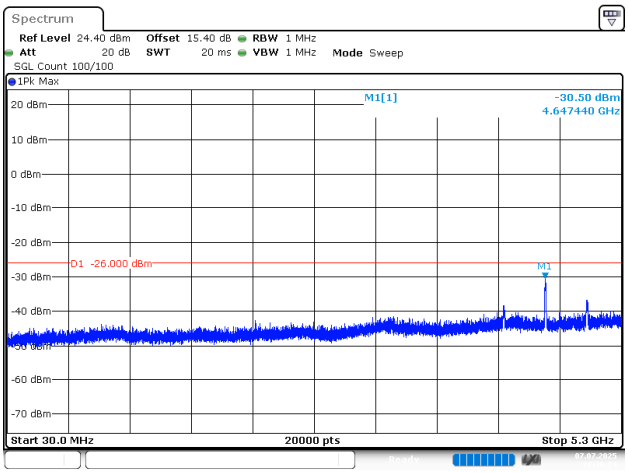
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Date: 7.JUL.2025 20:35:43

802.11a, Middle Channel(5.9GHz~26GHz)



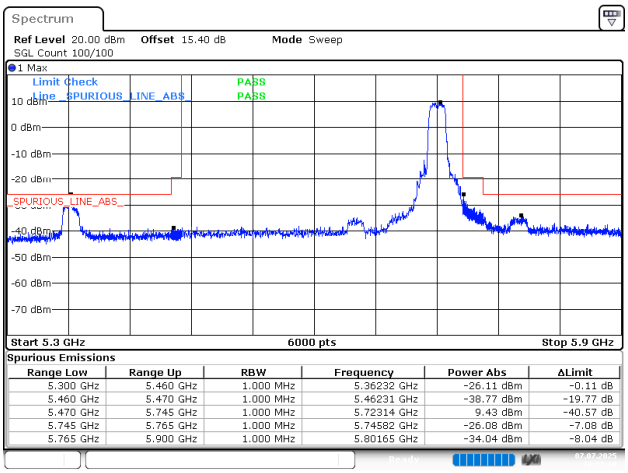
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:35:29

802.11a, High Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:36:25

802.11a, High Channel(5.3GHz~5.9GHz)

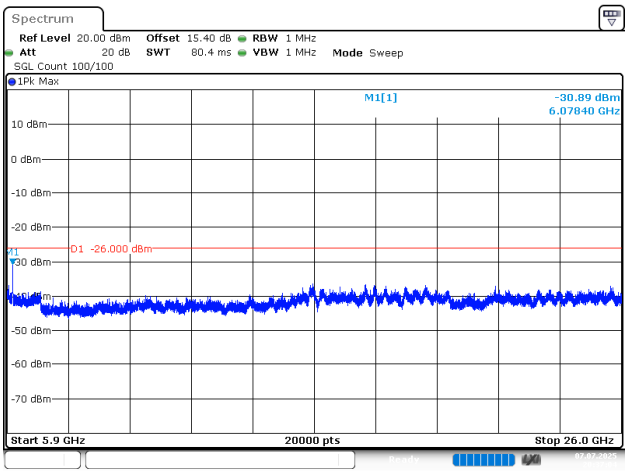


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.36232 GHz	-26.11 dBm	-0.11 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46231 GHz	-38.77 dBm	-19.77 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.72314 GHz	9.43 dBm	-40.57 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.74582 GHz	-26.08 dBm	-7.08 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.80165 GHz	-34.04 dBm	-8.04 dB

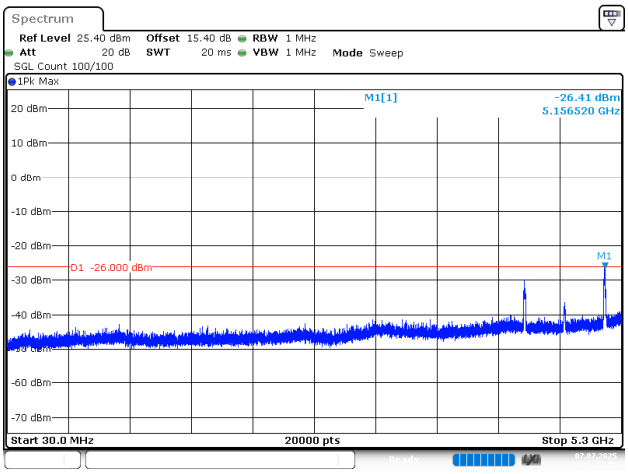
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Date: 7.JUL.2025 20:37:19

802.11a, High Channel(5.9GHz~26GHz)



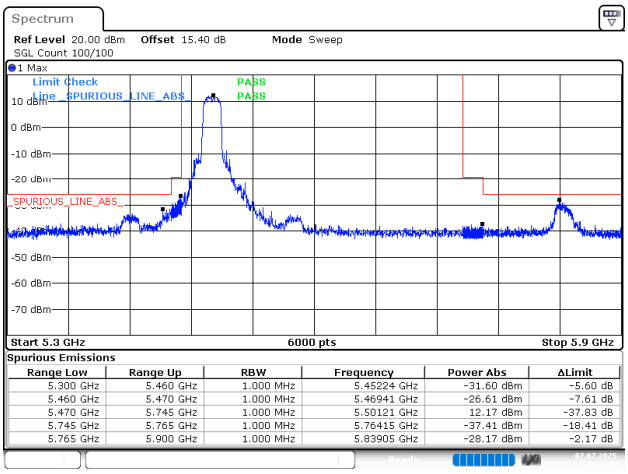
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 20:37:05

802.11n20, Low Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:12:33

802.11n20, Low Channel(5.3GHz~5.9GHz)

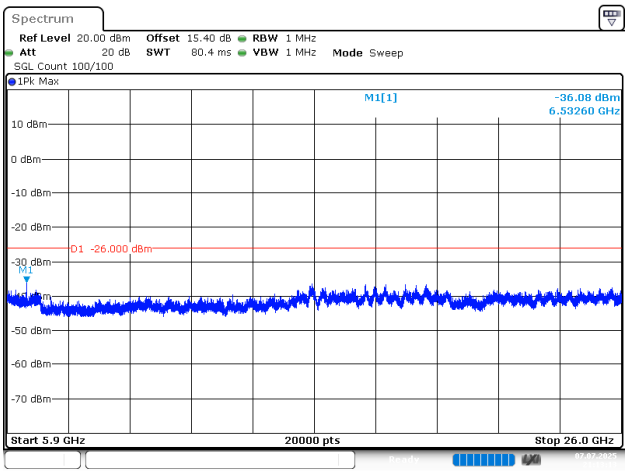


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.45224 GHz	-31.60 dBm	-5.60 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46941 GHz	-26.61 dBm	-7.61 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.50121 GHz	12.17 dBm	-37.83 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.76415 GHz	-37.41 dBm	-18.41 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.83905 GHz	-28.17 dBm	-2.17 dB

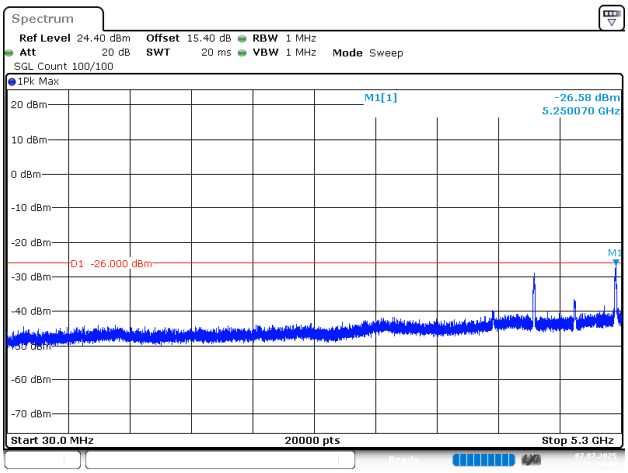
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Date: 7.JUL.2025 21:13:32

802.11n20, Low Channel(5.9GHz~26GHz)



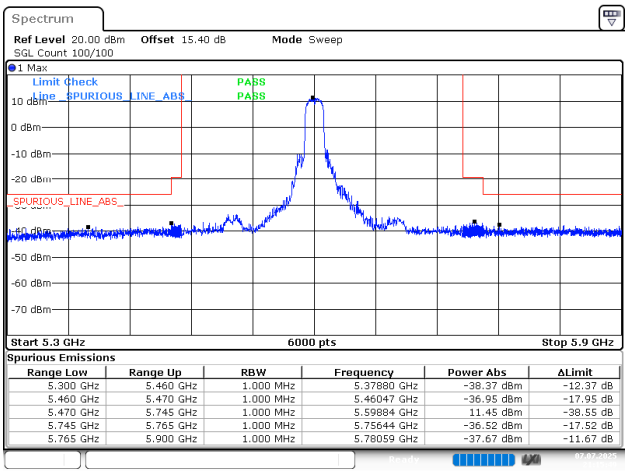
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:13:14

802.11n20, Middle Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:14:49

802.11n20, Middle Channel(5.3GHz~5.9GHz)

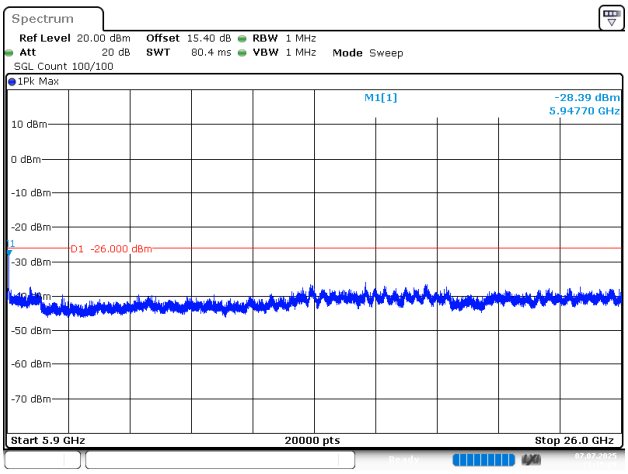


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.37880 GHz	-38.37 dBm	-12.37 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46047 GHz	-36.95 dBm	-17.95 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.59884 GHz	11.45 dBm	-38.55 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75644 GHz	-36.52 dBm	-17.52 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.78059 GHz	-37.67 dBm	-11.67 dB

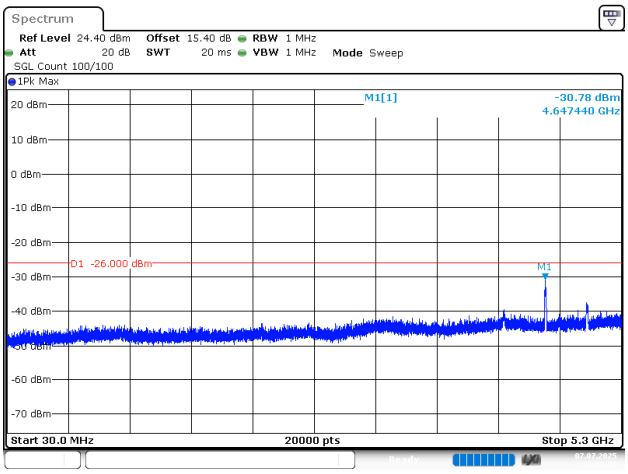
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802.11n20, Middle Channel(5.9GHz~26GHz)



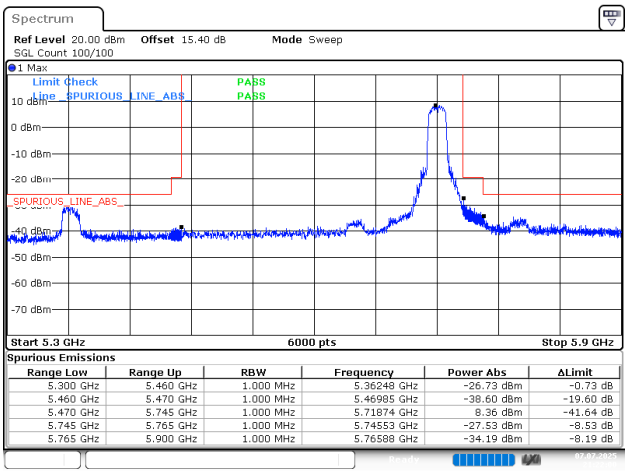
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:15:30

802.11n20, High Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:19:26

802.11n20, High Channel(5.3GHz~5.9GHz)

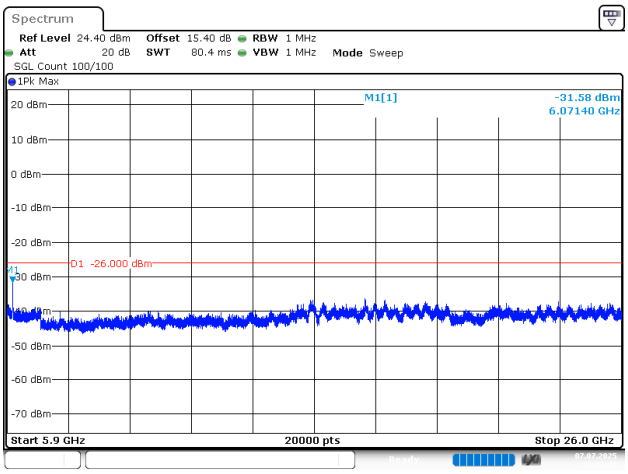


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.36248 GHz	-26.73 dBm	-0.73 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46985 GHz	-38.60 dBm	-19.60 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.71874 GHz	8.36 dBm	-41.64 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.74553 GHz	-27.53 dBm	-8.53 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.76588 GHz	-34.19 dBm	-8.19 dB

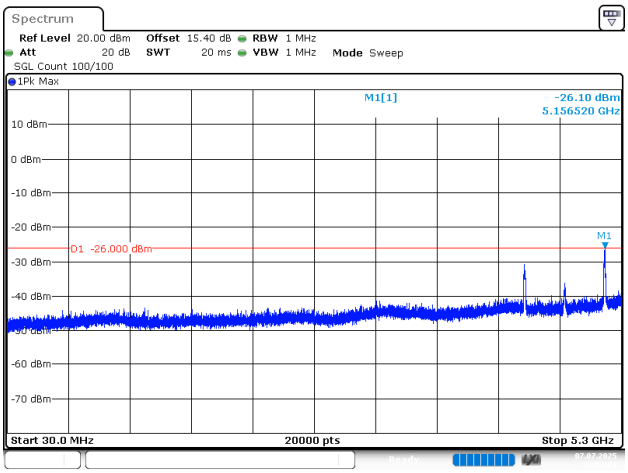
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Date: 7.JUL.2025 21:22:01

802.11n20, High Channel(5.9GHz~26GHz)



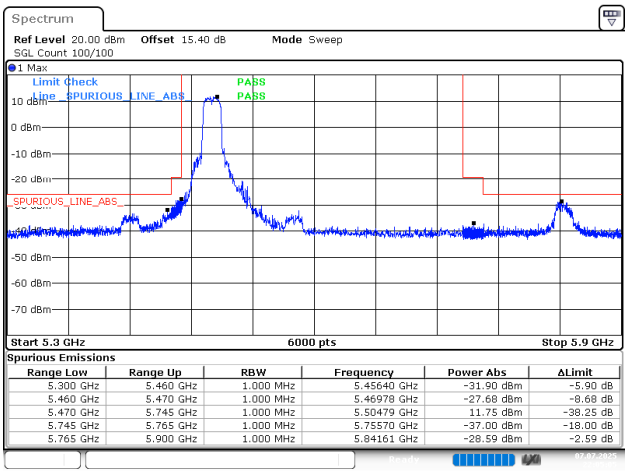
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:21:42

802.11ac20, Low Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:04:02

802.11ac20, Low Channel(5.3GHz~5.9GHz)

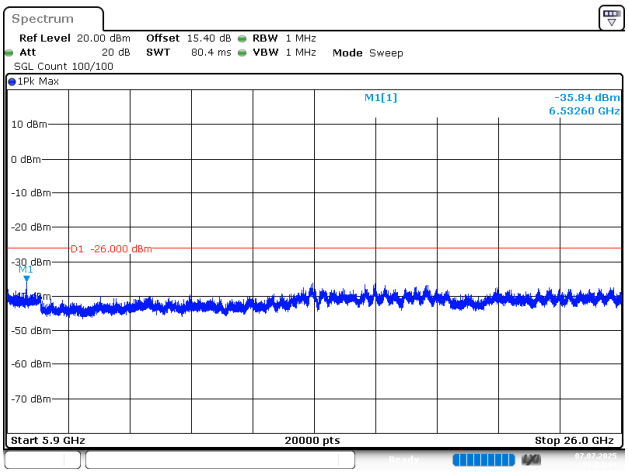


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.45640 GHz	-31.90 dBm	-5.90 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46978 GHz	-27.68 dBm	-8.68 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.50479 GHz	11.75 dBm	-38.25 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75570 GHz	-37.00 dBm	-18.00 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.84161 GHz	-28.59 dBm	-2.59 dB

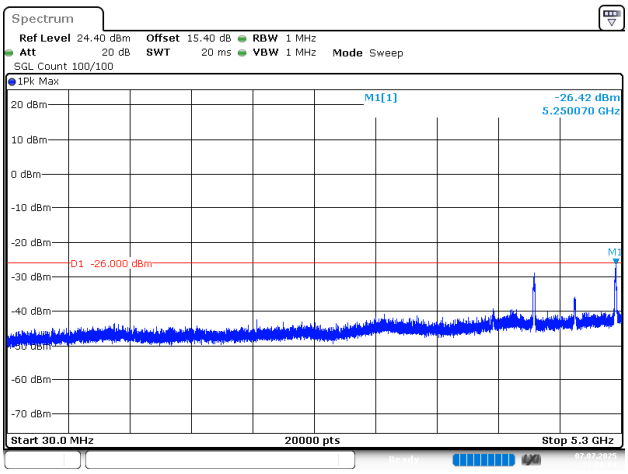
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Date: 7.JUL.2025 22:05:06

802.11ac20, Low Channel(5.9GHz~26GHz)



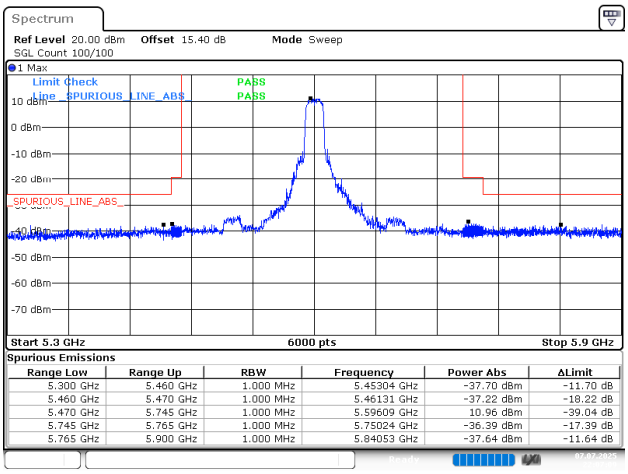
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Date: 7.JUL.2025 22:04:44

802.11ac20, Middle Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:06:05

802.11ac20, Middle Channel(5.3GHz~5.9GHz)

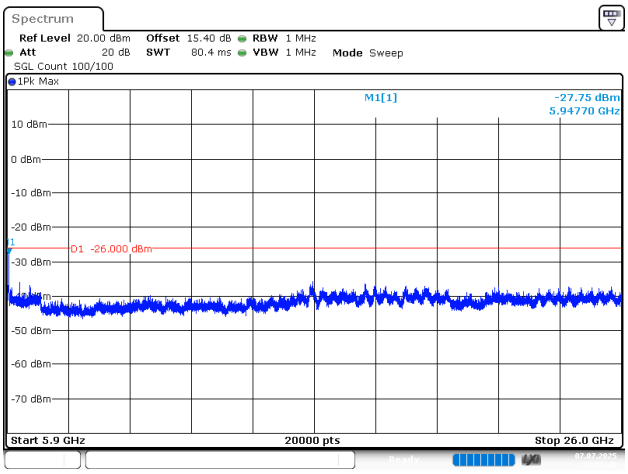


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.45304 GHz	-37.70 dBm	-11.70 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46131 GHz	-37.22 dBm	-18.22 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.59609 GHz	10.96 dBm	-39.04 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75024 GHz	-36.39 dBm	-17.39 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.84053 GHz	-37.64 dBm	-11.64 dB

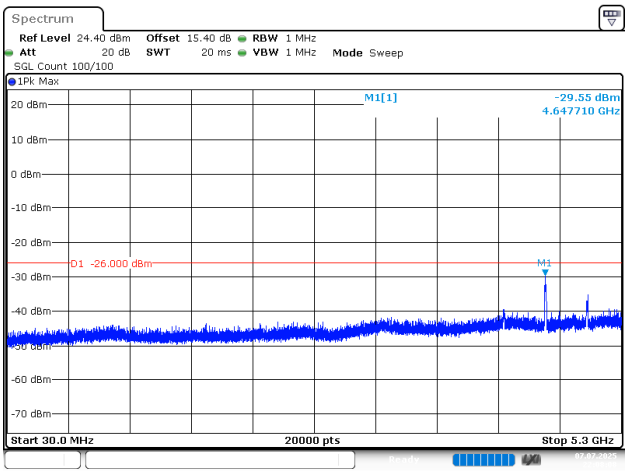
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802.11ac20, Middle Channel(5.9GHz~26GHz)



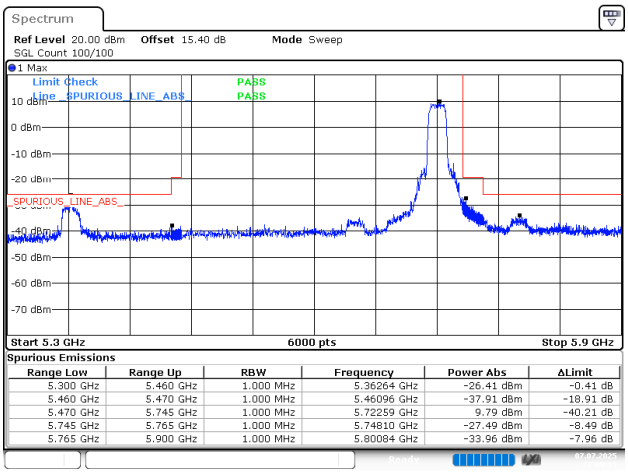
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:06:47

802.11ac20, High Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:08:09

802.11ac20, High Channel(5.3GHz~5.9GHz)

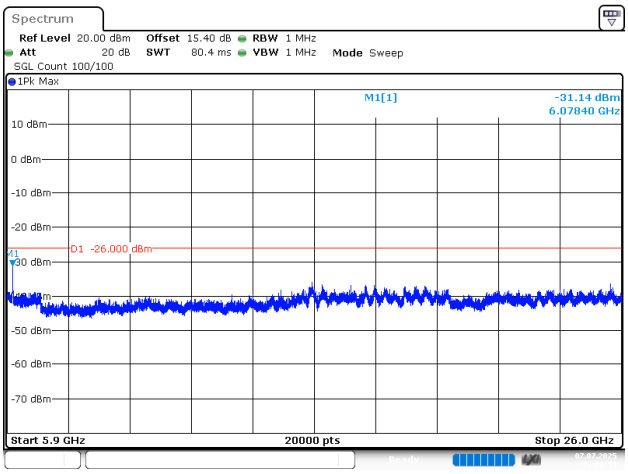


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.36264 GHz	-26.41 dBm	-0.41 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46096 GHz	-37.91 dBm	-18.91 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.72259 GHz	9.79 dBm	-40.21 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.74810 GHz	-27.49 dBm	-8.49 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.80084 GHz	-33.96 dBm	-7.96 dB

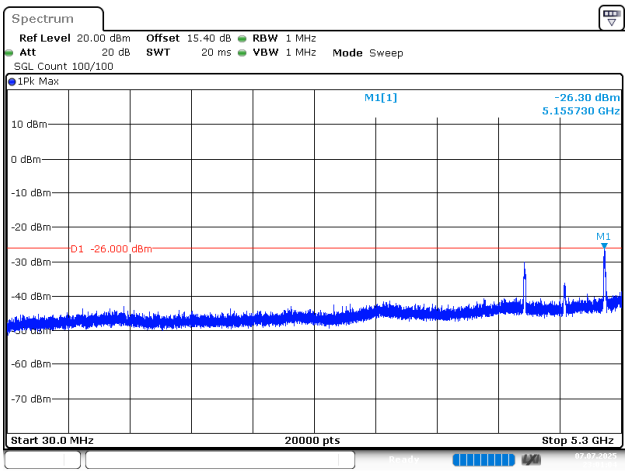
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802.11ac20, High Channel(5.9GHz~26GHz)



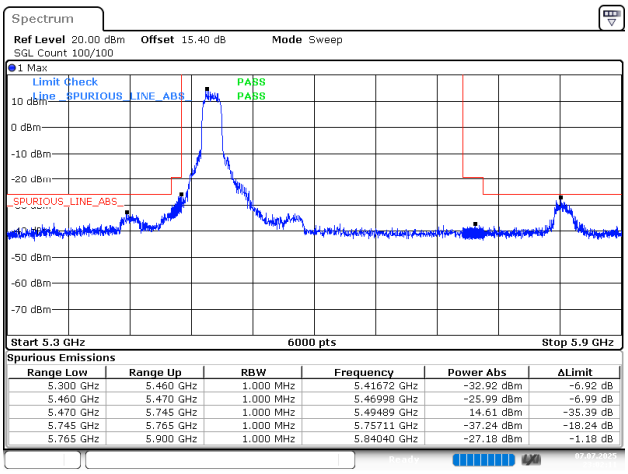
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Date: 7.JUL.2025 22:08:52

802.11ax20, Low Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:01:05

802.11ax20, Low Channel(5.3GHz~5.9GHz)

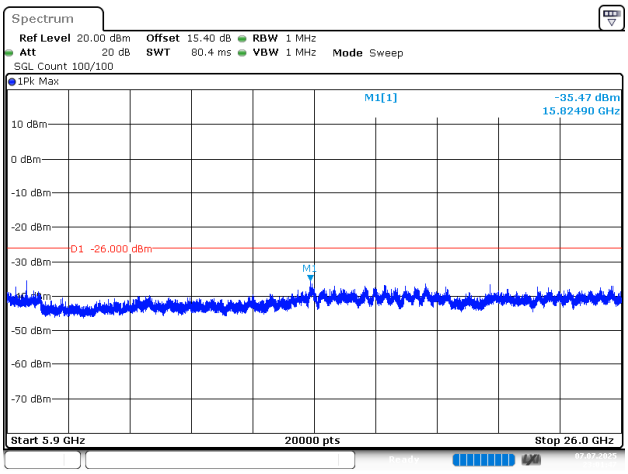


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.41672 GHz	-32.92 dBm	-6.92 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46998 GHz	-25.99 dBm	-6.99 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.49489 GHz	14.61 dBm	-35.39 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75711 GHz	-37.24 dBm	-18.24 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.84040 GHz	-27.18 dBm	-1.18 dB

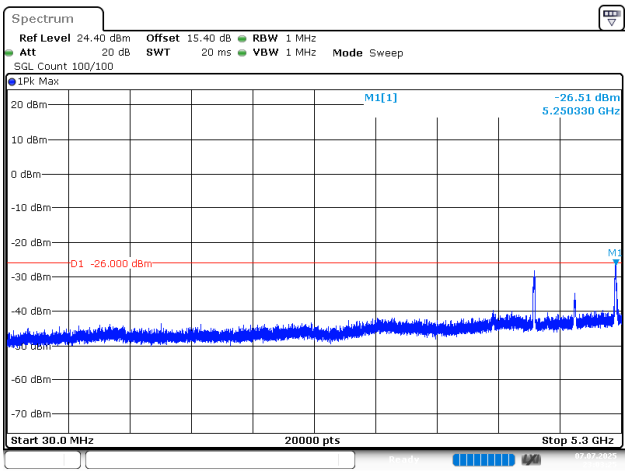
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Date: 7.JUL.2025 23:02:11

802.11ax20, Low Channel(5.9GHz~26GHz)



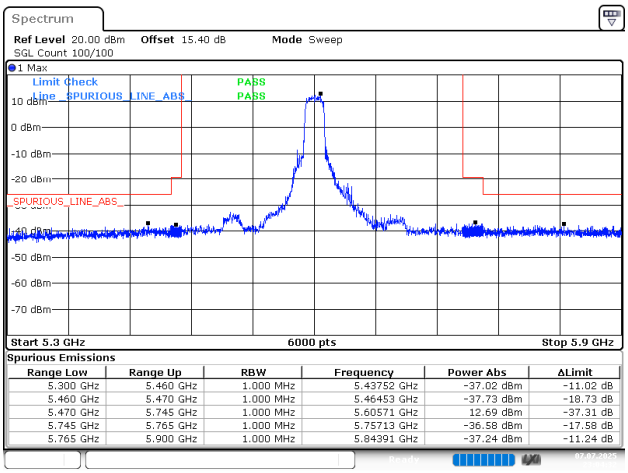
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:01:47

802.11ax20, Middle Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:03:25

802.11ax20, Middle Channel(5.3GHz~5.9GHz)

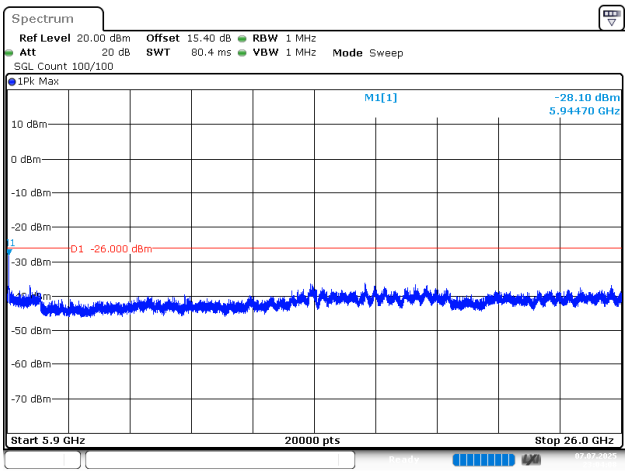


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.43752 GHz	-37.02 dBm	-11.02 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46453 GHz	-37.73 dBm	-18.73 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.60571 GHz	12.69 dBm	-37.31 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.75713 GHz	-36.58 dBm	-17.58 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.84391 GHz	-37.24 dBm	-11.24 dB

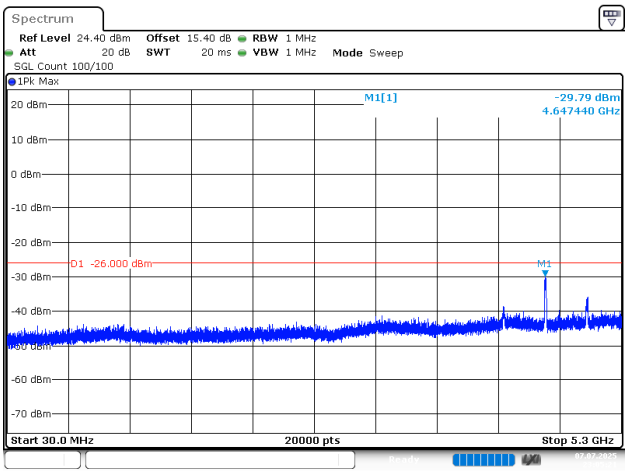
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Date: 7.JUL.2025 23:04:33

802.11ax20, Middle Channel(5.9GHz~26GHz)



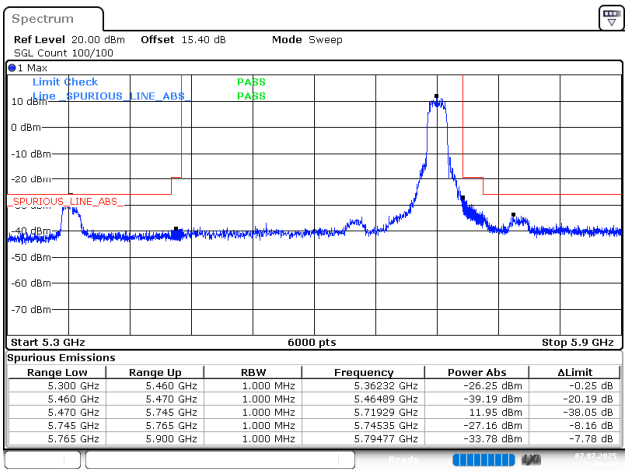
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:04:09

802.11ax20, High Channel(30MHz~5.3GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:05:22

802.11ax20, High Channel(5.3GHz~5.9GHz)

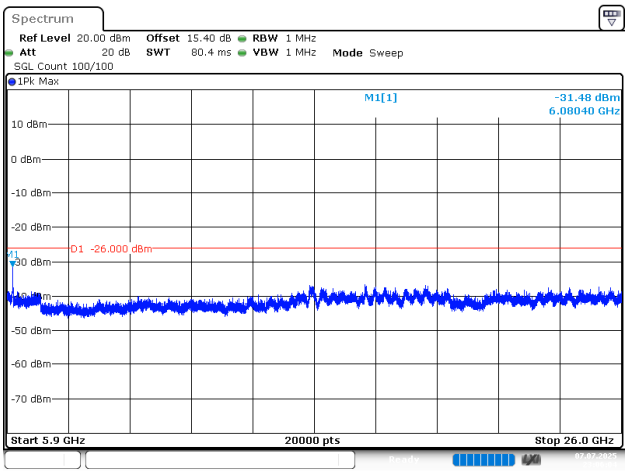


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
5.300 GHz	5.460 GHz	1.000 MHz	5.36232 GHz	-26.25 dBm	-0.25 dB
5.460 GHz	5.470 GHz	1.000 MHz	5.46489 GHz	-39.19 dBm	-20.19 dB
5.470 GHz	5.745 GHz	1.000 MHz	5.71929 GHz	11.95 dBm	-38.05 dB
5.745 GHz	5.765 GHz	1.000 MHz	5.74535 GHz	-27.16 dBm	-8.16 dB
5.765 GHz	5.900 GHz	1.000 MHz	5.79477 GHz	-33.78 dBm	-7.78 dB

ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:06:29

802.11ax20, High Channel(5.9GHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:06:05

Note: Offset = Coaxial Attenuator (10dB) + Cable Loss (2dB) + Antenna Gain (3.4dBi)

Output Power and Output Power Tolerance

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/05~2025/12/19
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	24.1~27.3	**Relative Humidity: (%)**	45~69	**ATM Pressure: (kPa)**	99.8~101.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
Anritsu	Microwave Peak Power Sensor	MA24418A	12618	2025/06/11	2026/06/10	BACL Metrology	C
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Meter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
				2025/08/15	2026/08/14		
R&S	Spectrum Analyzer	FSP 38	100478	2024/09/05	2025/09/04	BACL Metrology	C
				2025/07/28	2026/07/27		
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

W52

Mode	Antenna gain (dBi)	Declared power (mW/MHz)
802.11a	3.4	1.2
802.11n20	3.4	1.0
802.11ac20	3.4	1.1
802.11ax20	3.4	1.1

Mode	Channel	Antenna output power (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
802.11a	Low	0.67	1.167	≤ 10	-2.75	-80~+20	2.55	10	Pass
	Middle	0.09	1.021	≤ 10	-14.92	-80~+20	2.23	10	Pass
	Additional	-0.04	0.991	≤ 10	-17.42	-80~+20	2.17	10	Pass
	High	-4.82	0.330	≤ 10	-72.50	-80~+20	0.72	10	Pass
802.11n20	Low	-0.22	0.951	≤ 10	-4.90	-80~+20	2.08	10	Pass
	Middle	-0.29	0.935	≤ 10	-6.50	-80~+20	2.05	10	Pass
	Additional	0.06	1.014	≤ 10	1.40	-80~+20	2.22	10	Pass
	High	-5.23	0.300	≤ 10	-70.00	-80~+20	0.66	10	Pass
802.11ac20	Low	0.01	1.002	≤ 10	-8.91	-80~+20	2.19	10	Pass
	Middle	0.04	1.009	≤ 10	-8.27	-80~+20	2.21	10	Pass
	Additional	0.22	1.052	≤ 10	-4.36	-80~+20	2.30	10	Pass
	High	-5.54	0.279	≤ 10	-74.64	-80~+20	0.61	10	Pass
802.11ax20	Low	-0.28	0.938	≤ 10	-14.73	-80~+20	2.05	10	Pass
	Middle	-0.27	0.940	≤ 10	-14.55	-80~+20	2.06	10	Pass
	Additional	-0.33	0.927	≤ 10	-15.73	-80~+20	2.03	10	Pass
	High	-5.09	0.310	≤ 10	-71.82	-80~+20	0.68	10	Pass

W53

Mode	Antenna gain (dBi)	Declared power (mW/MHz)
802.11a	3.4	1.3
802.11n20	3.4	1.0
802.11ac20	3.4	1.1
802.11ax20	3.4	1.0

Mode	Channel	Antenna output power (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
802.11a	Low	-4.56	0.350	≤ 10	-73.08	-80~+20	0.77	10	Pass
	Middle	0.86	1.219	≤ 10	-6.23	-80~+20	2.67	10	Pass
	Additional	1.01	1.262	≤ 10	-2.92	-80~+20	2.76	10	Pass
	High	-0.74	0.843	≤ 10	-35.15	-80~+20	1.84	10	Pass
802.11n20	Low	-4.89	0.324	≤ 10	-67.60	-80~+20	0.71	10	Pass
	Middle	-0.22	0.951	≤ 10	-4.90	-80~+20	2.08	10	Pass
	Additional	-0.02	0.995	≤ 10	-0.50	-80~+20	2.18	10	Pass
	High	-0.97	0.800	≤ 10	-20.00	-80~+20	1.75	10	Pass
802.11ac20	Low	-4.57	0.349	≤ 10	-68.27	-80~+20	0.76	10	Pass
	Middle	0.32	1.076	≤ 10	-2.18	-80~+20	2.35	10	Pass
	Additional	0.19	1.045	≤ 10	-5.00	-80~+20	2.29	10	Pass
	High	-0.44	0.904	≤ 10	-17.82	-80~+20	1.98	10	Pass
802.11ax20	Low	-6.13	0.244	≤ 10	-75.60	-80~+20	0.53	10	Pass
	Middle	-0.30	0.933	≤ 10	-6.70	-80~+20	2.04	10	Pass
	Additional	-0.11	0.975	≤ 10	-2.50	-80~+20	2.13	10	Pass
	High	-1.08	0.780	≤ 10	-22.00	-80~+20	1.71	10	Pass

W56

Mode	Antenna gain (dBi)	Declared power (mW/MHz)
802.11a	3.4	1.0
802.11n20	3.4	0.8
802.11ac20	3.4	1.1
802.11ax20	3.4	0.9

Mode	Channel	Antenna output power (dBm/MHz)	Antenna output power(mW/MHz)		Antenna output tolerance(%)		EIRP (mW/MHz)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
802.11a	Low	-0.13	0.971	≤ 10	-2.90	-50~+50	2.12	50	Pass
	Middle	-1.03	0.789	≤ 10	-21.10	-50~+50	1.73	50	Pass
	High	-2.74	0.532	≤ 10	-46.80	-50~+50	1.16	50	Pass
802.11n20	Low	-0.14	0.968	≤ 10	21.00	-50~+50	2.12	50	Pass
	Middle	-0.84	0.824	≤ 10	3.00	-50~+50	1.80	50	Pass
	High	-3.77	0.420	≤ 10	-47.50	-50~+50	0.92	50	Pass
802.11ac20	Low	0.23	1.054	≤ 10	-4.18	-50~+50	2.31	50	Pass
	Middle	-0.34	0.925	≤ 10	-15.91	-50~+50	2.02	50	Pass
	High	-2.53	0.558	≤ 10	-49.27	-50~+50	1.22	50	Pass
802.11ax20	Low	-0.19	0.957	≤ 10	6.33	-50~+50	2.09	50	Pass
	Middle	-0.91	0.811	≤ 10	-9.89	-50~+50	1.77	50	Pass
	High	-3.10	0.490	≤ 10	-45.56	-50~+50	1.07	50	Pass

Note:
1. Antenna output power(mW/MHz) = 10^[Antenna output power(dBm/MHz) / 10]
2. Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power * 100
3. EIRP(mW/MHz) = 10^{[Antenna output power(dBm/MHz) + Antenna gain] / 10}.
4. The EUT with a TPC function, the EIRP limit for TPC was used.

Adjacent Channel Power

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/07
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	27.3	**Relative Humidity: (%)**	69	**ATM Pressure: (kPa)**	99.8

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

5.2G

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	27.04	28.20	29.91	≥ 25	Pass
	+20	26.95	28.40	29.82	≥ 25	Pass
	-40	43.45	44.09	42.97	≥ 40	Pass
	+40	40.92	41.38	43.28	≥ 40	Pass
802.11n20	-20	28.53	28.55	30.47	≥ 25	Pass
	+20	27.97	28.56	30.74	≥ 25	Pass
	-40	43.88	43.81	42.56	≥ 40	Pass
	+40	41.55	41.66	43.25	≥ 40	Pass
802.11ac20	-20	27.42	26.70	29.99	≥ 25	Pass
	+20	27.19	27.26	30.43	≥ 25	Pass
	-40	43.18	42.91	42.50	≥ 40	Pass
	+40	40.53	40.30	42.62	≥ 40	Pass
802.11ax20	-20	27.47	27.35	29.96	≥ 25	Pass
	+20	27.83	28.27	30.02	≥ 25	Pass
	-40	43.57	43.50	42.63	≥ 40	Pass
	+40	41.13	40.48	42.75	≥ 40	Pass

5.3G

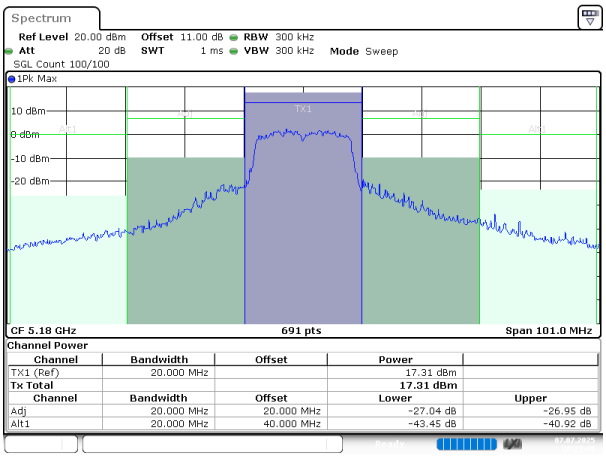
Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	29.89	27.43	29.64	≥ 25	Pass
	+20	29.82	27.34	29.83	≥ 25	Pass
	-40	43.17	45.30	43.63	≥ 40	Pass
	+40	43.29	41.37	43.76	≥ 40	Pass
802.11n20	-20	30.51	29.00	30.41	≥ 25	Pass
	+20	30.93	28.81	29.86	≥ 25	Pass
	-40	42.85	45.48	43.42	≥ 40	Pass
	+40	43.04	41.46	43.67	≥ 40	Pass
802.11ac20	-20	30.10	27.77	29.88	≥ 25	Pass
	+20	29.42	27.07	29.72	≥ 25	Pass
	-40	42.59	45.08	43.56	≥ 40	Pass
	+40	43.00	40.36	43.19	≥ 40	Pass
802.11ax20	-20	29.70	28.13	29.59	≥ 25	Pass
	+20	29.70	27.78	29.60	≥ 25	Pass
	-40	42.58	45.35	43.59	≥ 40	Pass
	+40	42.60	40.89	43.89	≥ 40	Pass

5.6G

Mode	Frequency offset(MHz)	Result(dBc)			Limit (dBc)	Verdict
		Low Channel	Middle Channel	High Channel		
802.11a	-20	28.50	28.00	30.06	≥ 25	Pass
	+20	28.14	27.59	29.40	≥ 25	Pass
	-40	43.68	42.89	42.75	≥ 40	Pass
	+40	42.02	41.26	42.47	≥ 40	Pass
802.11n20	-20	28.17	28.15	30.22	≥ 25	Pass
	+20	27.73	27.12	29.60	≥ 25	Pass
	-40	43.69	42.69	42.27	≥ 40	Pass
	+40	41.50	40.55	42.01	≥ 40	Pass
802.11ac20	-20	27.72	27.63	29.35	≥ 25	Pass
	+20	27.86	26.82	29.98	≥ 25	Pass
	-40	43.51	42.56	42.77	≥ 40	Pass
	+40	41.28	40.19	42.46	≥ 40	Pass
802.11ax20	-20	27.90	28.47	28.89	≥ 25	Pass
	+20	27.50	27.81	29.71	≥ 25	Pass
	-40	43.94	43.31	43.12	≥ 40	Pass
	+40	41.05	40.49	42.46	≥ 40	Pass

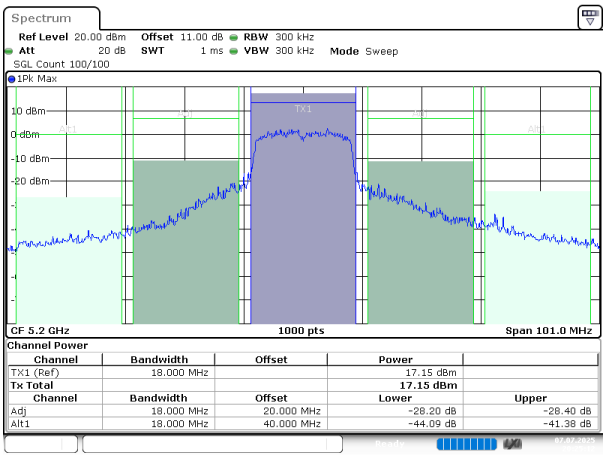
W52, Test Condition: NV

802.11a, Low Channel



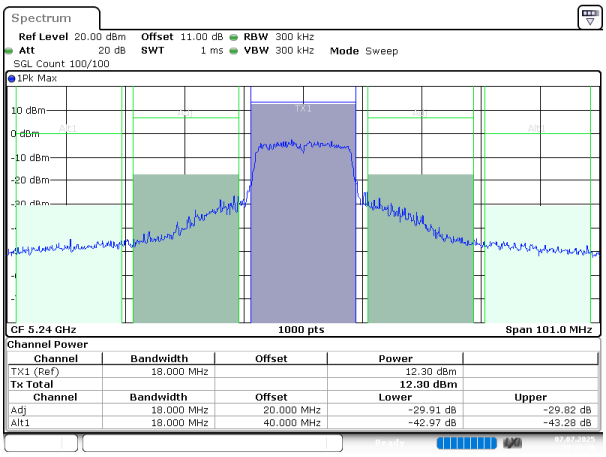
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Date: 7.JUL.2025 20:23:36

802.11a, Middle Channel



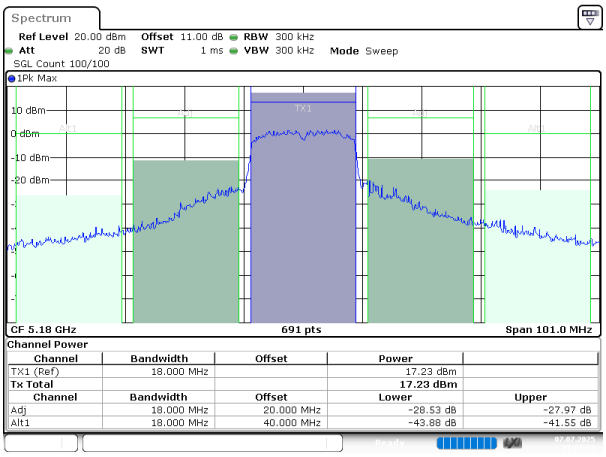
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Date: 7.JUL.2025 20:25:13

802.11a, High Channel



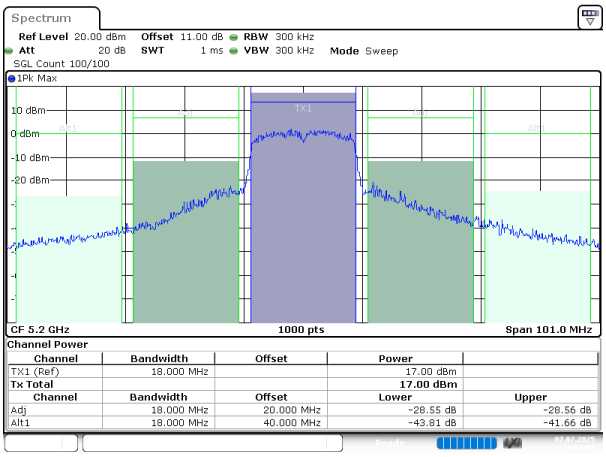
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Date: 7.JUL.2025 20:26:49

802.11n20, Low Channel



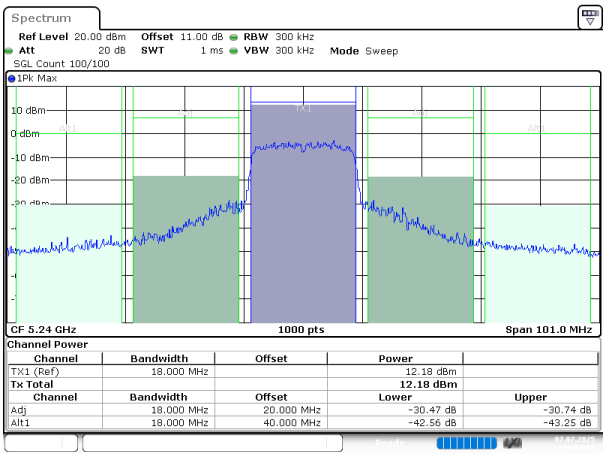
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802.11n20, Middle Channel



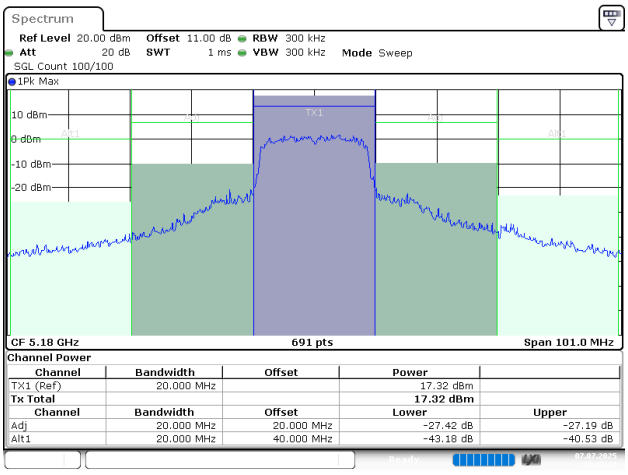
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802.11n20, High Channel



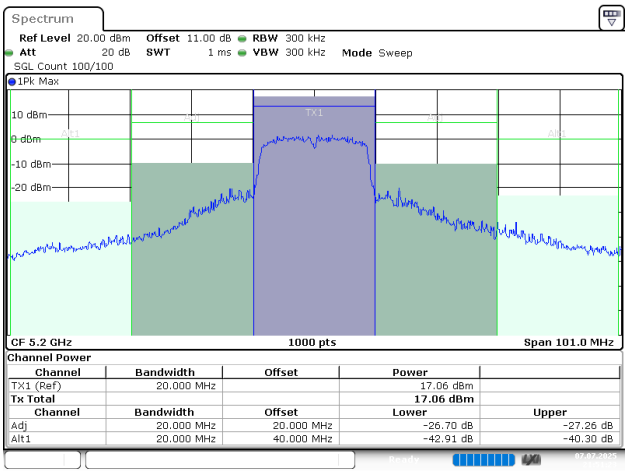
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802.11ac20, Low Channel



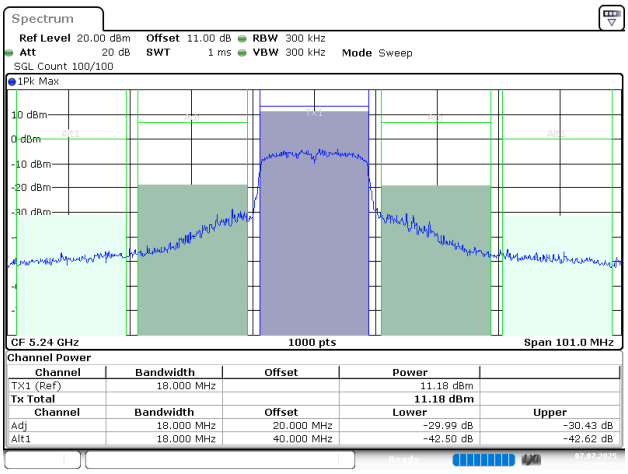
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802.11ac20, Middle Channel



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Date: 7.JUL.2025 21:51:24

802.11ac20, High Channel



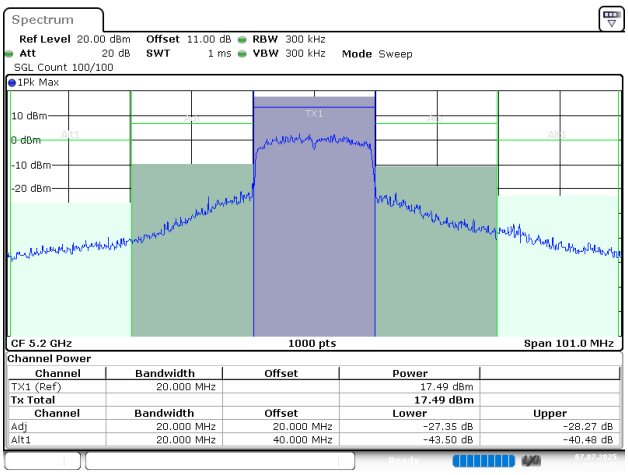
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802.11ax20, Low Channel



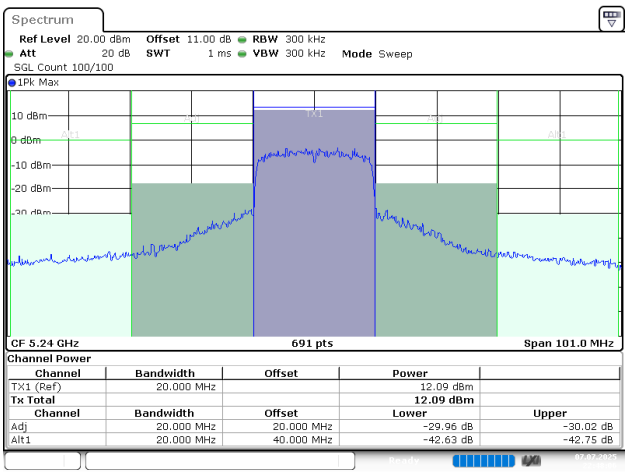
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802.11ax20, Middle Channel



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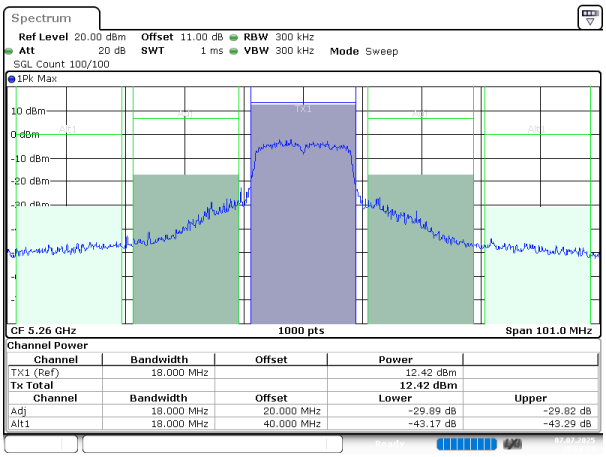
802.11ax20, High Channel



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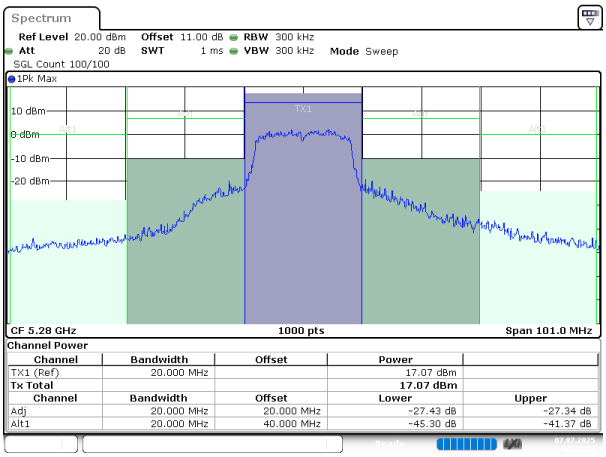
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802.11a, Low Channel



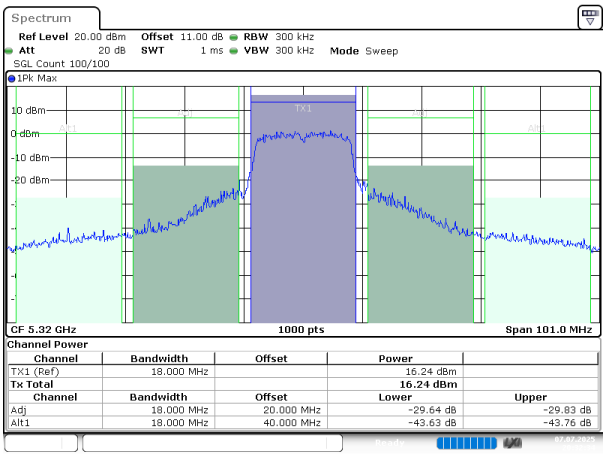
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802.11a, Middle Channel



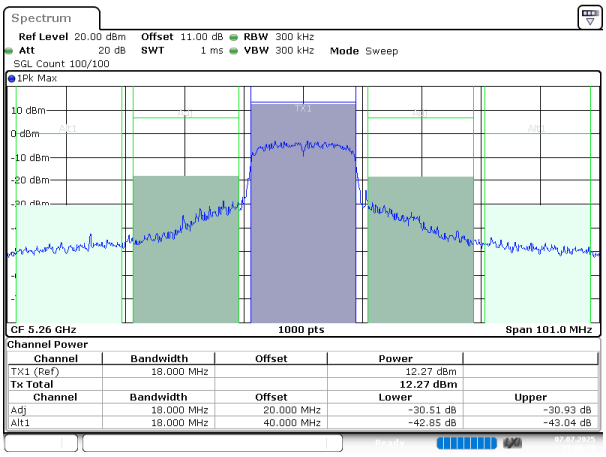
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802.11a, High Channel



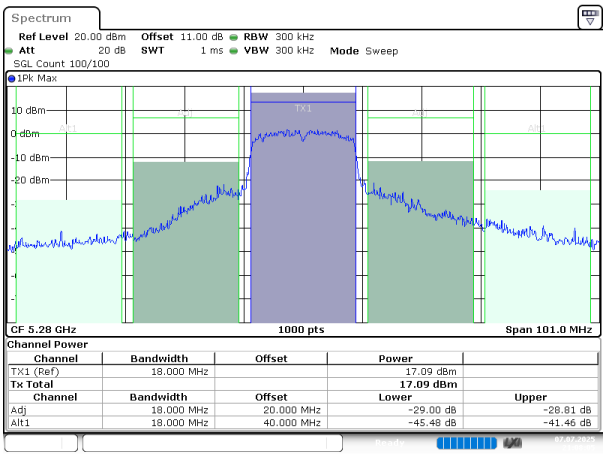
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Date: 7.JUL.2025 20:32:34

802.11n20, Low Channel



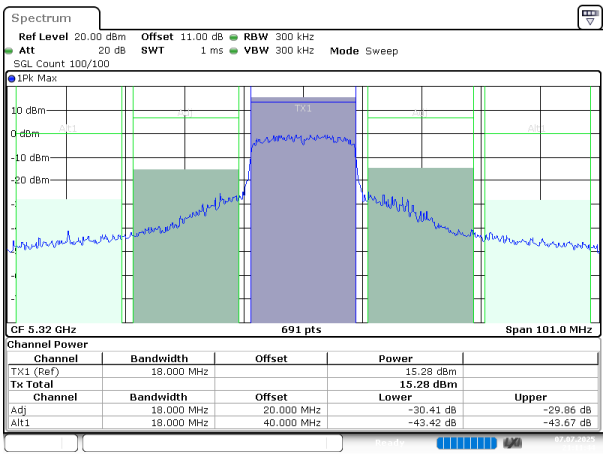
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:06:30

802.11n20, Middle Channel



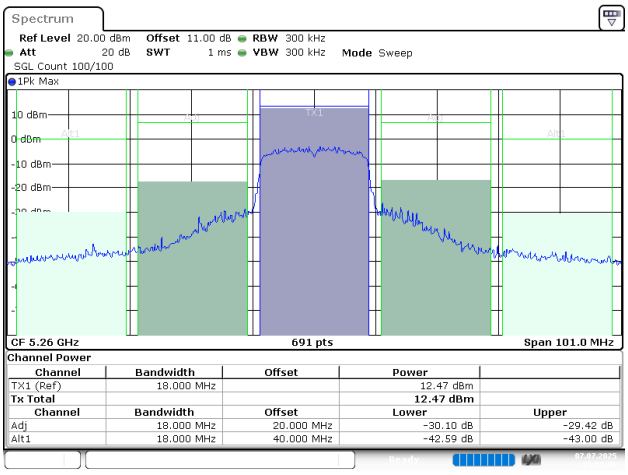
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:08:05

802.11n20, High Channel



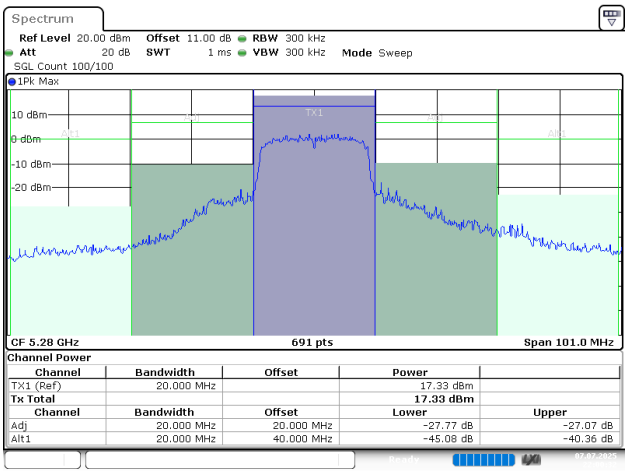
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 21:11:45

802.11ac20, Low Channel



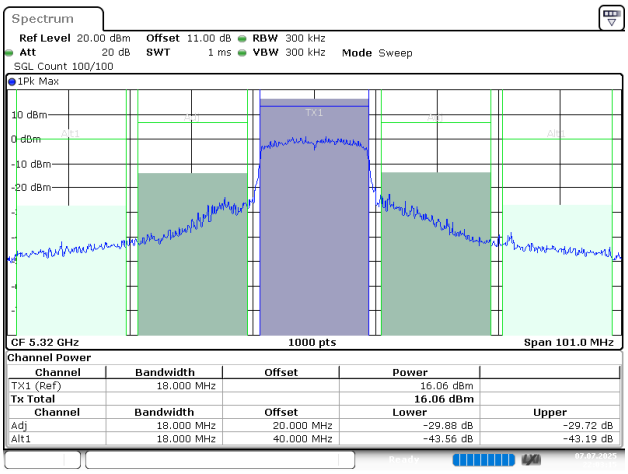
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Date: 7.JUL.2025 21:58:06

802.11ac20, Middle Channel



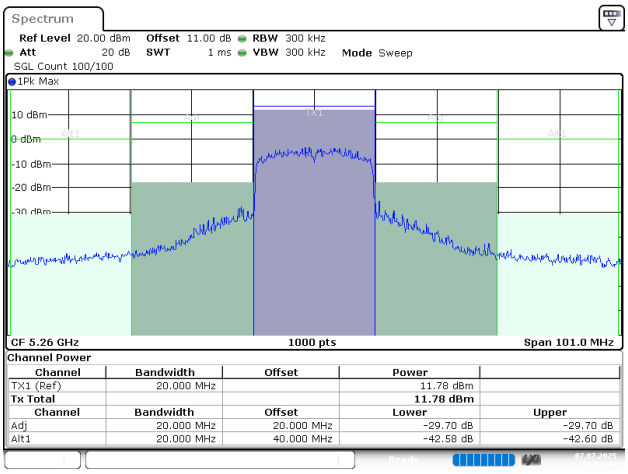
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Date: 7.JUL.2025 22:00:33

802.11ac20, High Channel



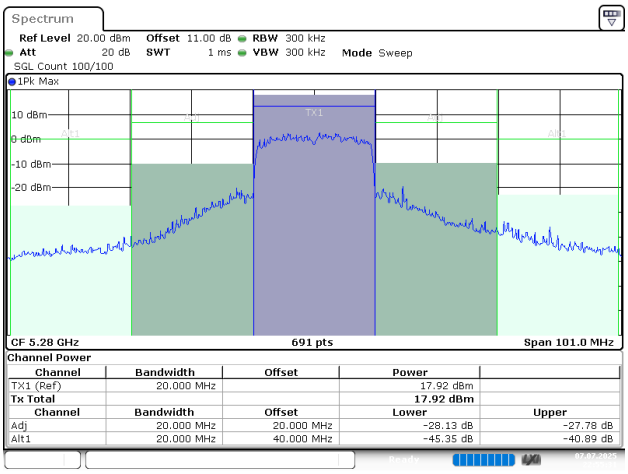
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Date: 7.JUL.2025 22:03:16

802.11ax20, Low Channel



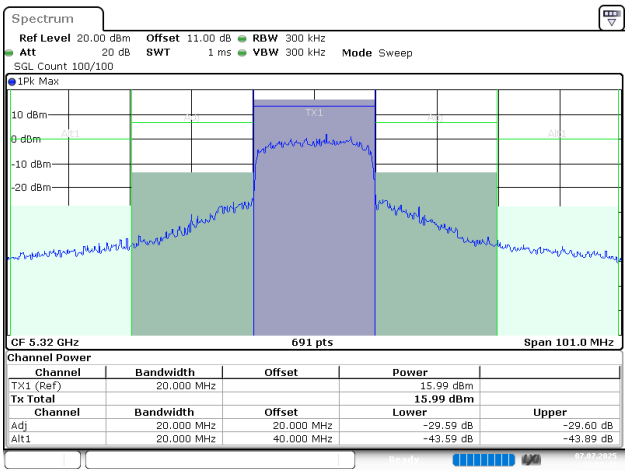
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Date: 7.JUL.2025 22:51:42

802.11ax20, Middle Channel



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 22:55:31

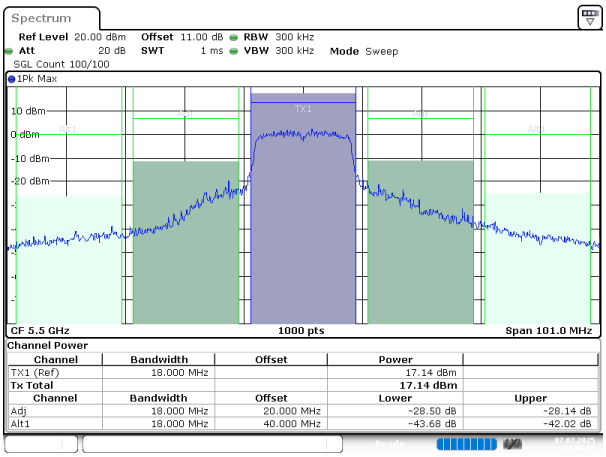
802.11ax20, High Channel



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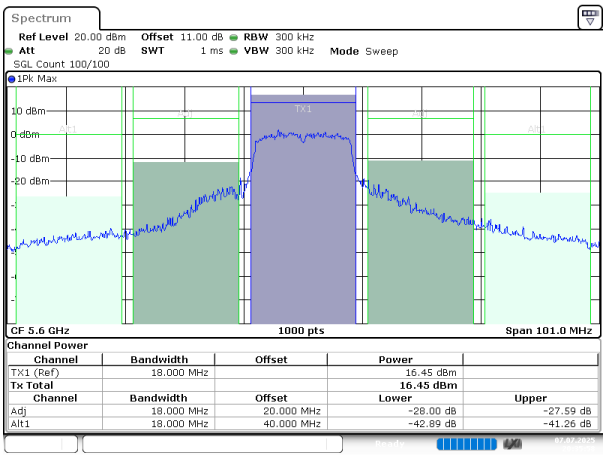
W56, Test Condition: NV

802.11a, Low Channel



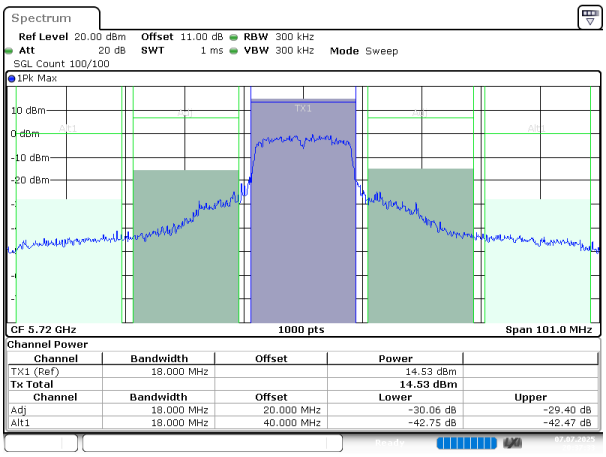
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Date: 7.JUL.2025 20:34:19

802.11a, Middle Channel



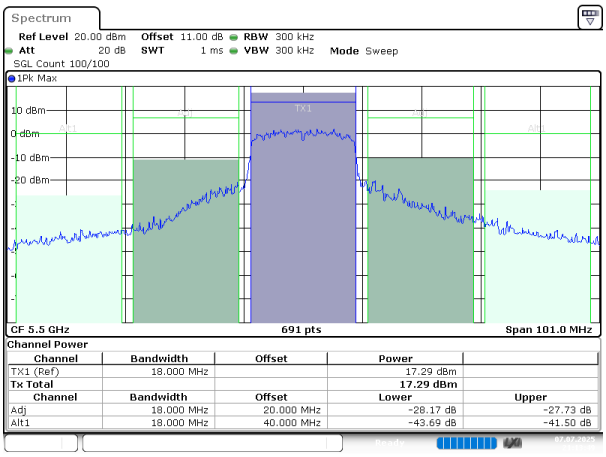
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Date: 7.JUL.2025 20:35:59

802.11a, High Channel



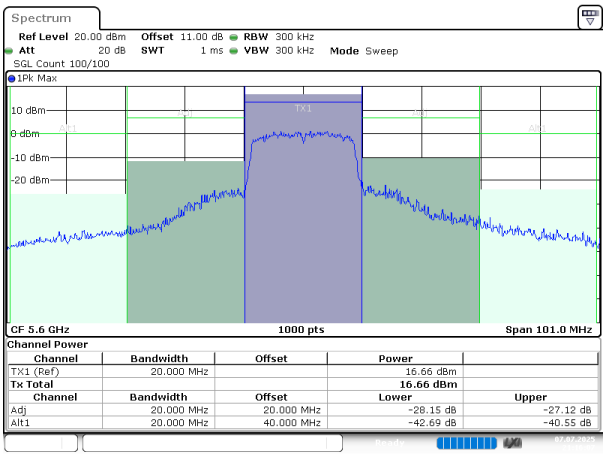
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Date: 7.JUL.2025 20:37:34

802.11n20, Low Channel



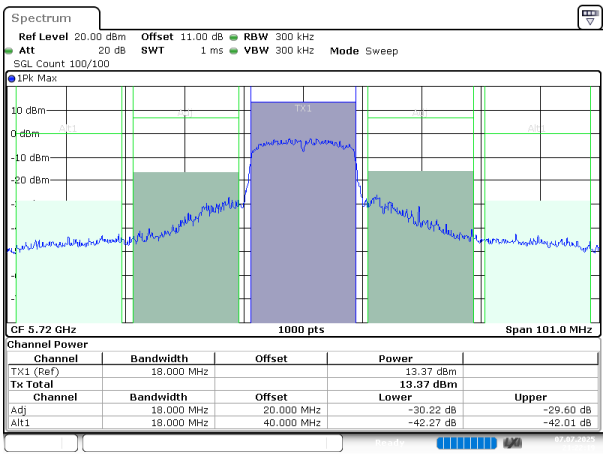
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Date: 7.JUL.2025 21:13:49

802.11n20, Middle Channel



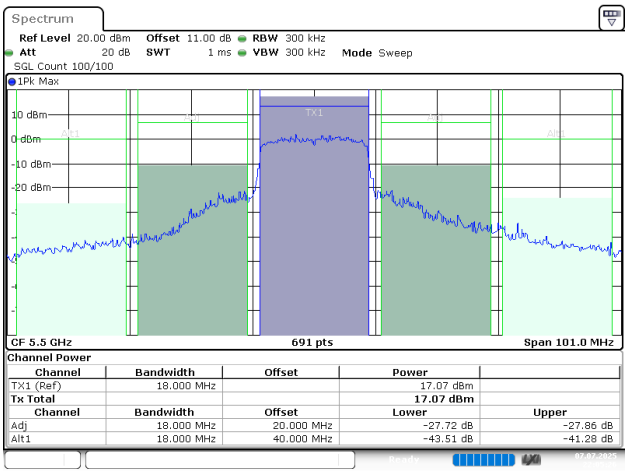
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Date: 7.JUL.2025 21:16:08

802.11n20, High Channel



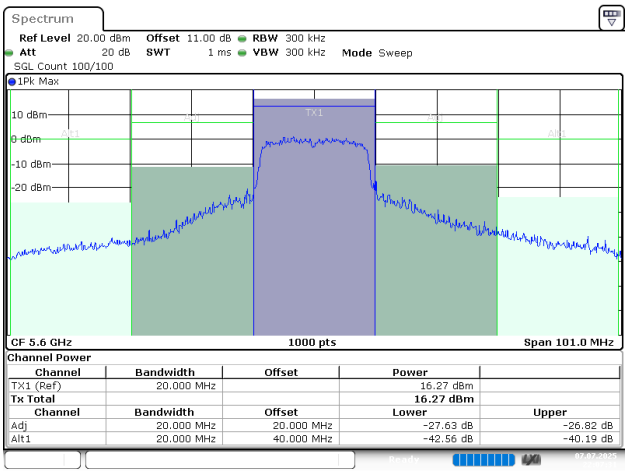
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Date: 7.JUL.2025 21:22:19

802.11ac20, Low Channel



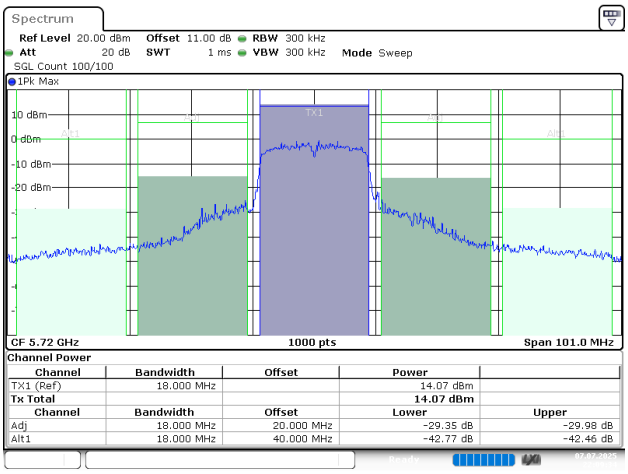
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Date: 7.JUL.2025 22:05:26

802.11ac20, Middle Channel



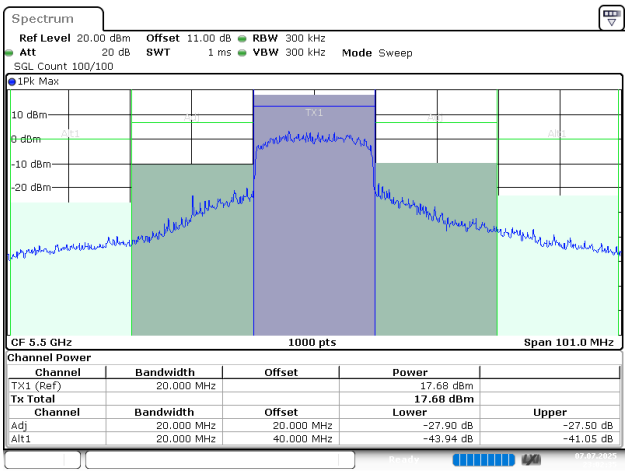
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802.11ac20, High Channel



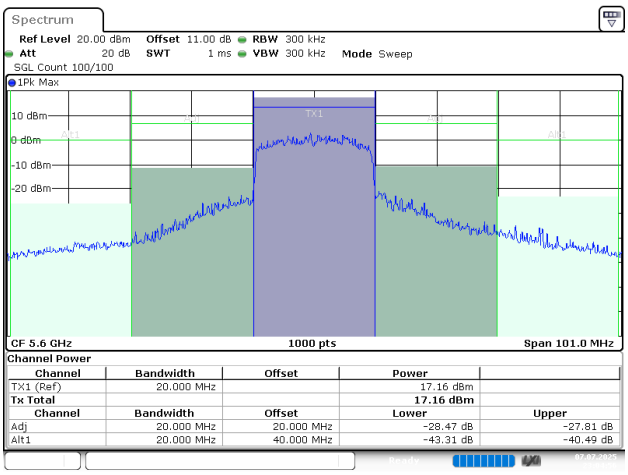
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802.11ax20, Low Channel



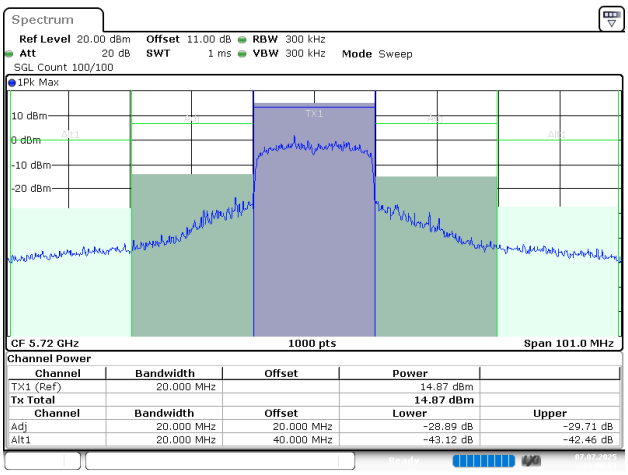
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:02:35

802.11ax20, Middle Channel



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:04:57

802.11ax20, High Channel



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:06:53

Note: Offset = Coaxial Attenuator (10dB) + Cable Loss (1dB)

Secondary Radiated Emission Strength

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/07~2025/07/08
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	27.3~27.4	**Relative Humidity: (%)**	64~69	**ATM Pressure: (kPa)**	99.8~99.9

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

5.2G

Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	880.4475	-67.08	0.196	4	Pass
		1000	26000	18256.25	-50.10	9.772	20	Pass
	Middle	30	1000	919.2475	-67.47	0.179	4	Pass
		1000	26000	19606.25	-50.59	8.730	20	Pass
	High	30	1000	847.4675	-67.42	0.181	4	Pass
		1000	26000	17606.25	-50.11	9.750	20	Pass
802.11n20	Low	30	1000	979.8725	-67.12	0.194	4	Pass
		1000	26000	19568.75	-50.13	9.705	20	Pass
	Middle	30	1000	713.1225	-67.01	0.199	4	Pass
		1000	26000	15843.75	-50.35	9.226	20	Pass
	High	30	1000	760.1675	-67.29	0.187	4	Pass
		1000	26000	18293.75	-50.22	9.506	20	Pass
802.11ac20	Low	30	1000	958.0475	-66.90	0.204	4	Pass
		1000	26000	17943.75	-49.95	10.116	20	Pass
	Middle	30	1000	866.3825	-67.09	0.195	4	Pass
		1000	26000	18918.75	-49.69	10.740	20	Pass
	High	30	1000	892.5725	-67.61	0.173	4	Pass
		1000	26000	18268.75	-49.37	11.561	20	Pass
802.11ax20	Low	30	1000	839.2225	-67.44	0.180	4	Pass
		1000	26000	17643.75	-50.04	9.908	20	Pass
	Middle	30	1000	890.6325	-67.54	0.176	4	Pass
		1000	26000	15806.25	-50.11	9.750	20	Pass
	High	30	1000	150.5225	-67.07	0.196	4	Pass
		1000	26000	15881.25	-50.00	10	20	Pass

5.3G

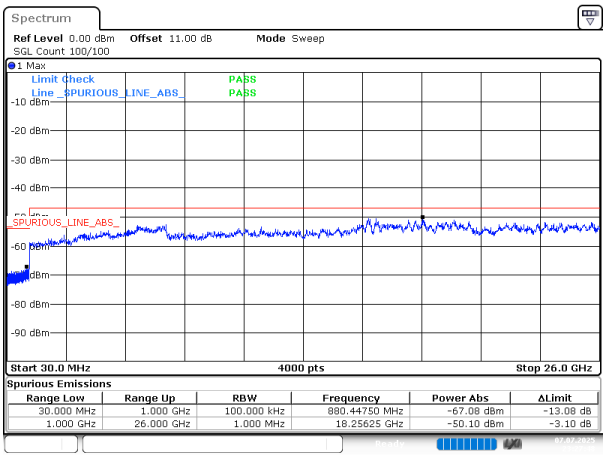
Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	839.7075	-67.88	0.163	4	Pass
		1000	26000	17643.75	-50.24	9.462	20	Pass
	Middle	30	1000	825.1575	-68.04	0.157	4	Pass
		1000	26000	18256.25	-50.40	9.120	20	Pass
	High	30	1000	924.0975	-67.13	0.194	4	Pass
		1000	26000	15843.75	-50.25	9.441	20	Pass
802.11n20	Low	30	1000	925.0675	-67.56	0.175	4	Pass
		1000	26000	17618.75	-50.38	9.162	20	Pass
	Middle	30	1000	808.6675	-67.12	0.194	4	Pass
		1000	26000	15881.25	-50.85	8.222	20	Pass
	High	30	1000	907.6075	-67.55	0.176	4	Pass
		1000	26000	17606.25	-50.67	8.570	20	Pass
802.11ac20	Low	30	1000	825.6425	-67.23	0.189	4	Pass
		1000	26000	15881.25	-50.24	9.462	20	Pass
	Middle	30	1000	798.4825	-68.01	0.158	4	Pass
		1000	26000	17681.25	-50.82	8.279	20	Pass
	High	30	1000	610.3025	-67.57	0.175	4	Pass
		1000	26000	17618.75	-50.07	9.840	20	Pass
802.11ax20	Low	30	1000	623.3975	-67.29	0.187	4	Pass
		1000	26000	17606.25	-49.94	10.139	20	Pass
	Middle	30	1000	869.2925	-68.02	0.158	4	Pass
		1000	26000	17618.75	-49.68	10.765	20	Pass
	High	30	1000	990.0575	-67.25	0.188	4	Pass
		1000	26000	17918.75	-50.41	9.099	20	Pass

5.6G

Mode	Channel	Frequency Range		Max.Emission Located(MHz)	Max.Emission		Limit (nW)	Verdict
		Start (MHz)	Stop (MHz)		Result (dBm)	Result (nW)		
802.11a	Low	30	1000	988.1175	-66.85	0.207	4	Pass
		1000	26000	18268.75	-50.37	9.183	20	Pass
	Middle	30	1000	911.4875	-67.20	0.191	4	Pass
		1000	26000	18931.25	-49.94	10.139	20	Pass
	High	30	1000	999.7575	-66.77	0.210	4	Pass
		1000	26000	18568.75	-50.05	9.886	20	Pass
802.11n20	Low	30	1000	967.2625	-66.54	0.222	4	Pass
		1000	26000	19581.25	-50.61	8.690	20	Pass
	Middle	30	1000	804.3025	-66.54	0.222	4	Pass
		1000	26000	17918.75	-48.94	12.764	20	Pass
	High	30	1000	993.4525	-67.57	0.175	4	Pass
		1000	26000	15806.25	-49.21	11.995	20	Pass
802.11ac20	Low	30	1000	976.9625	-66.89	0.205	4	Pass
		1000	26000	18281.25	-50.03	9.931	20	Pass
	Middle	30	1000	955.1375	-67.22	0.190	4	Pass
		1000	26000	19606.25	-50.42	9.078	20	Pass
	High	30	1000	992.4825	-67.42	0.181	4	Pass
		1000	26000	15818.75	-50.50	8.913	20	Pass
802.11ax20	Low	30	1000	946.4075	-67.18	0.191	4	Pass
		1000	26000	17618.75	-50.01	9.977	20	Pass
	Middle	30	1000	937.1925	-67.06	0.197	4	Pass
		1000	26000	17618.75	-49.72	10.666	20	Pass
	High	30	1000	985.6925	-67.64	0.172	4	Pass
		1000	26000	15881.25	-50.52	8.872	20	Pass

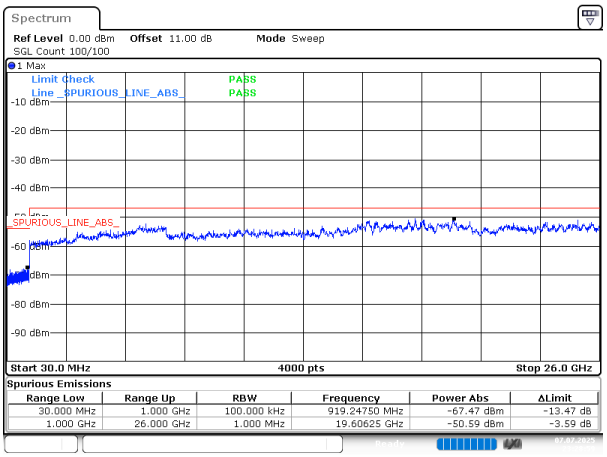
W52, Test Condition: NV

802.11a, Low Channel(30MHz~26GHz)



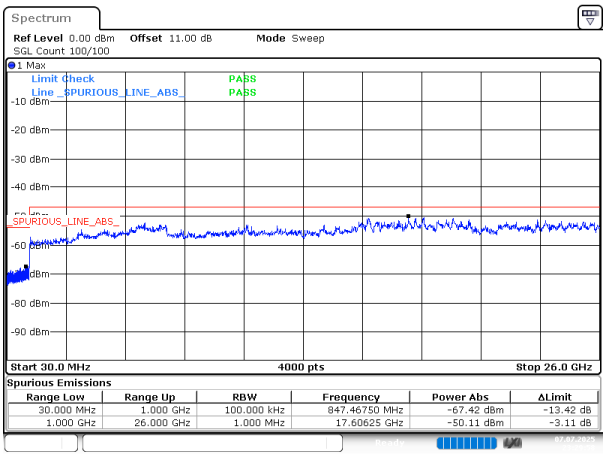
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Date: 7.JUL.2025 23:27:48

802.11a, Middle Channel(30MHz~26GHz)



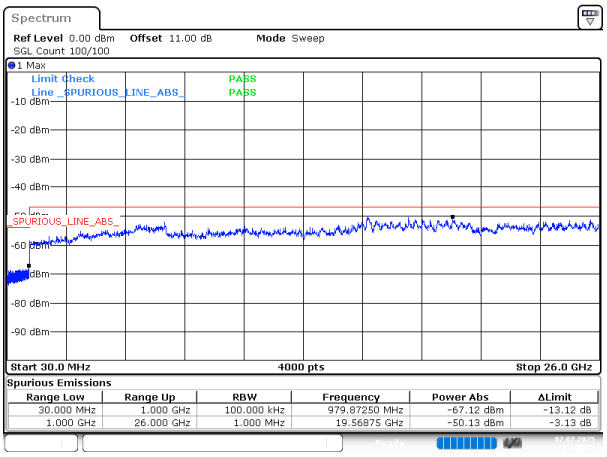
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802.11a, High Channel(30MHz~26GHz)



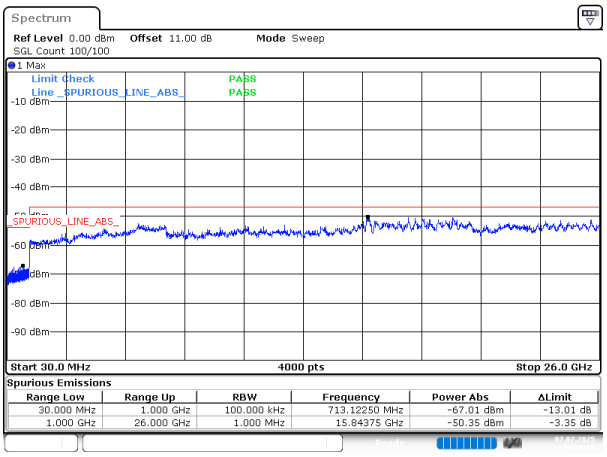
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Date: 7.JUL.2025 23:29:59

802.11n20, Low Channel(30MHz~26GHz)



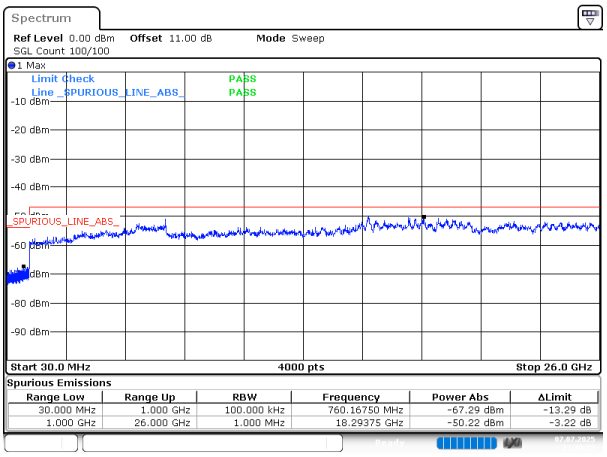
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Date: 7.JUL.2025 23:30:54

802.11n20, Middle Channel(30MHz~26GHz)



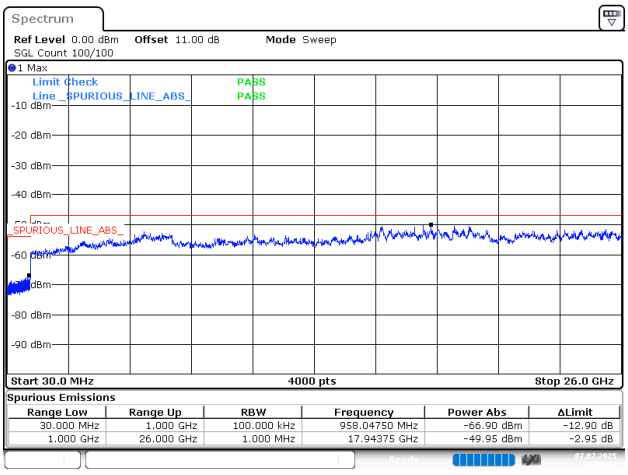
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Date: 7.JUL.2025 23:38:31

802.11n20, High Channel(30MHz~26GHz)



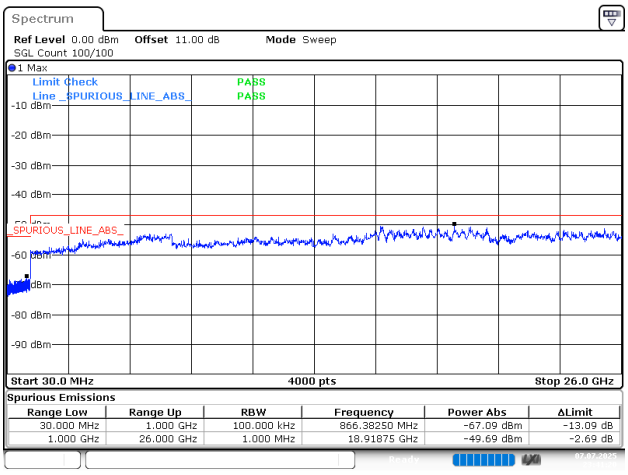
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802.11ac20, Low Channel(30MHz~26GHz)



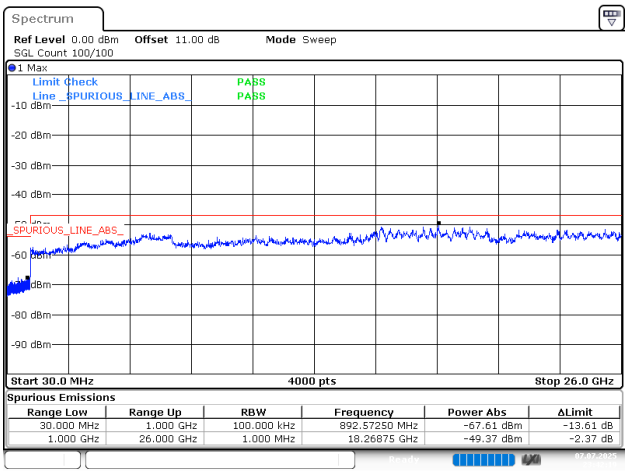
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Date: 7.JUL.2025 23:40:24

802.11ac20, Middle Channel(30MHz~26GHz)



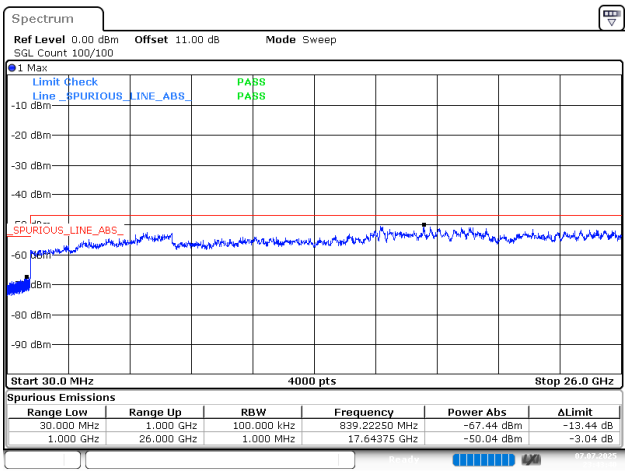
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Date: 7.JUL.2025 23:41:20

802.11ac20, High Channel(30MHz~26GHz)



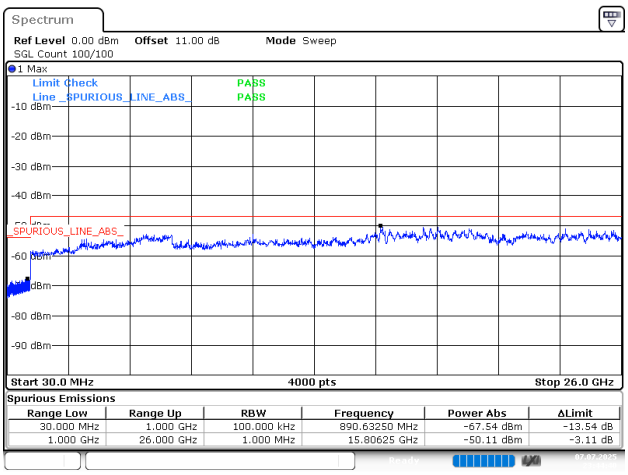
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:42:20

802.11ax20, Low Channel(30MHz~26GHz)



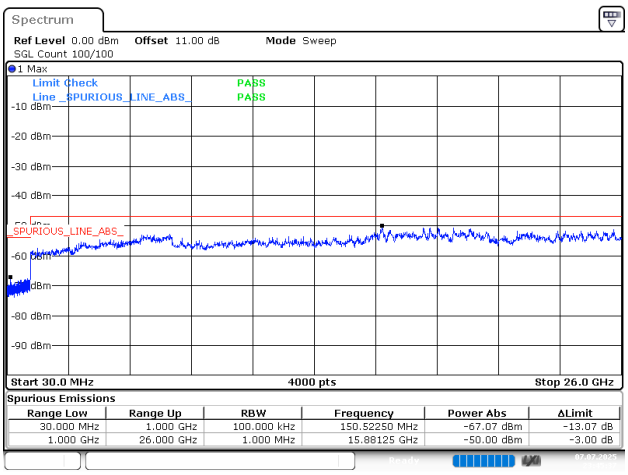
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:43:40

802.11ax20, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:44:41

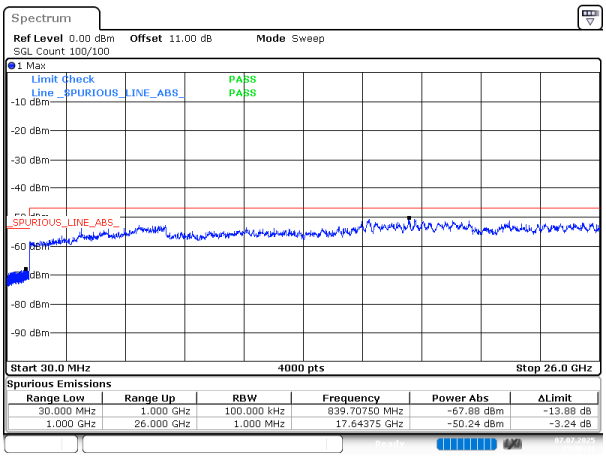
802.11ax20, High Channel(30MHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:45:37

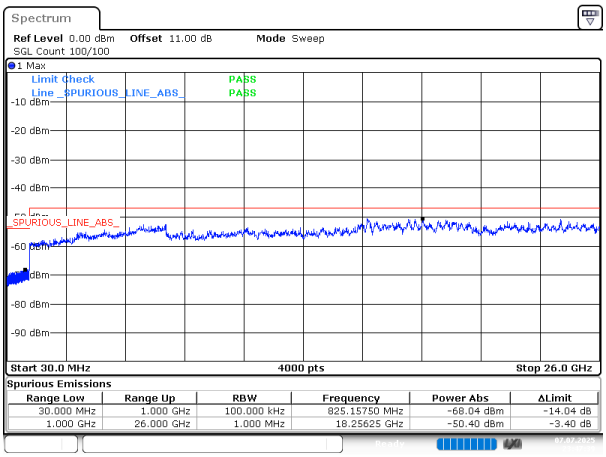
W53, Test Condition: NV

802.11a, Low Channel(30MHz~26GHz)



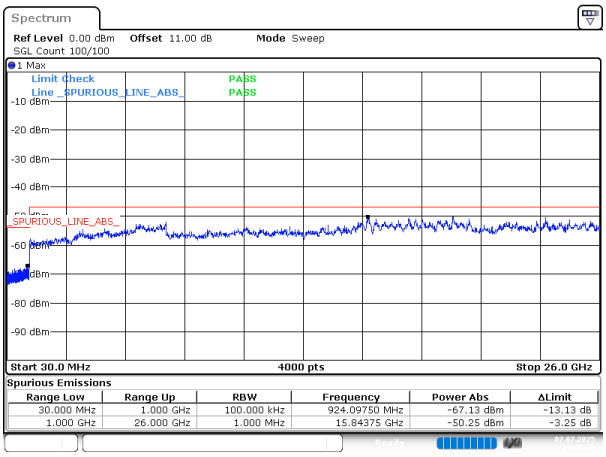
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802.11a, Middle Channel(30MHz~26GHz)



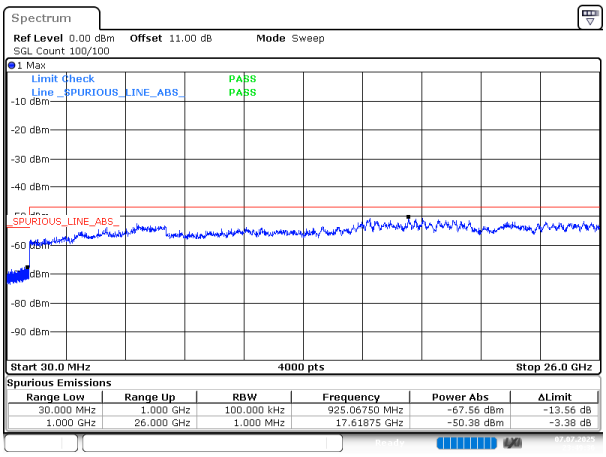
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Date: 7.JUL.2025 23:47:40

802.11a, High Channel(30MHz~26GHz)



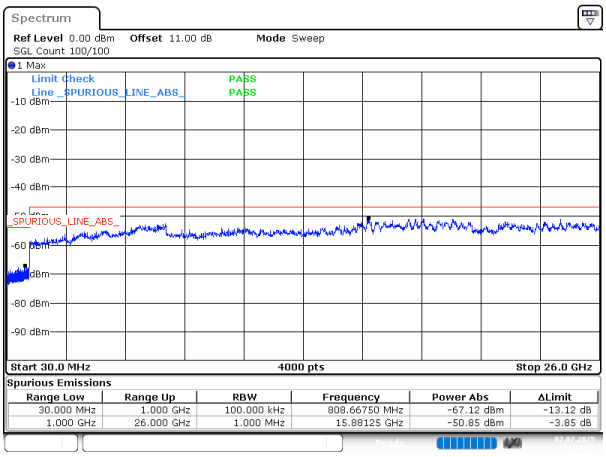
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802.11n20, Low Channel(30MHz~26GHz)



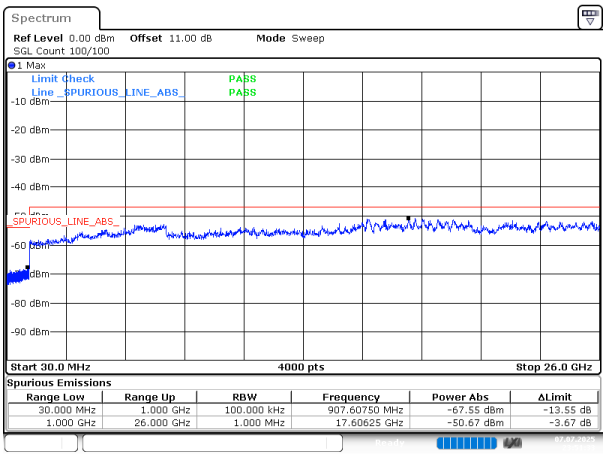
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Date: 7.JUL.2025 23:49:37

802.11n20, Middle Channel(30MHz~26GHz)



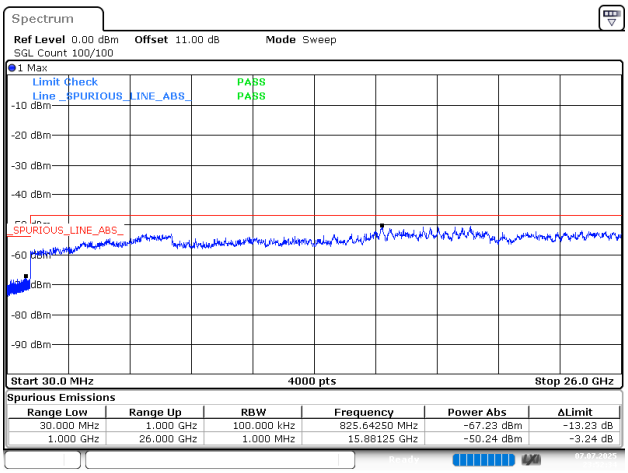
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802.11n20, High Channel(30MHz~26GHz)



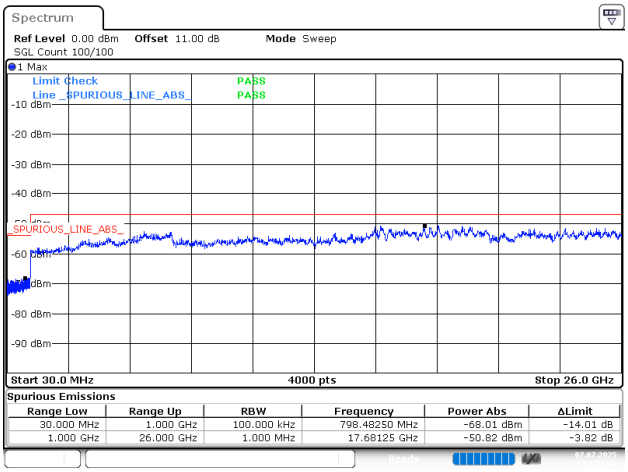
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Date: 7.JUL.2025 23:51:33

802.11ac20, Low Channel(30MHz~26GHz)



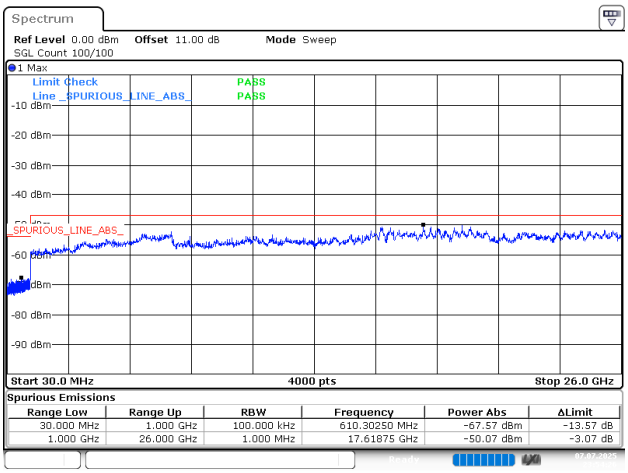
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Date: 7.JUL.2025 23:52:35

802.11ac20, Middle Channel(30MHz~26GHz)



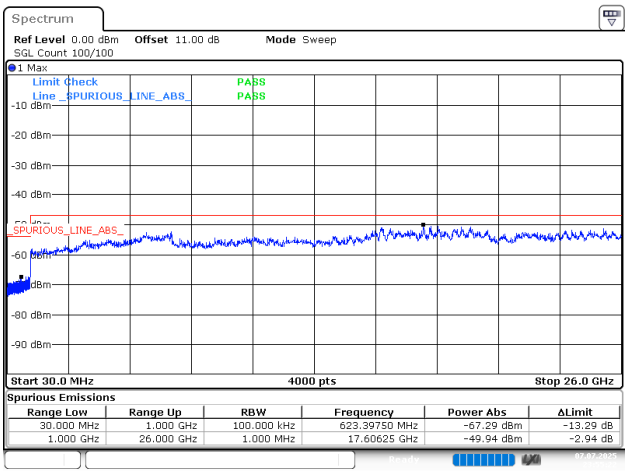
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Date: 7.JUL.2025 23:53:31

802.11ac20, High Channel(30MHz~26GHz)



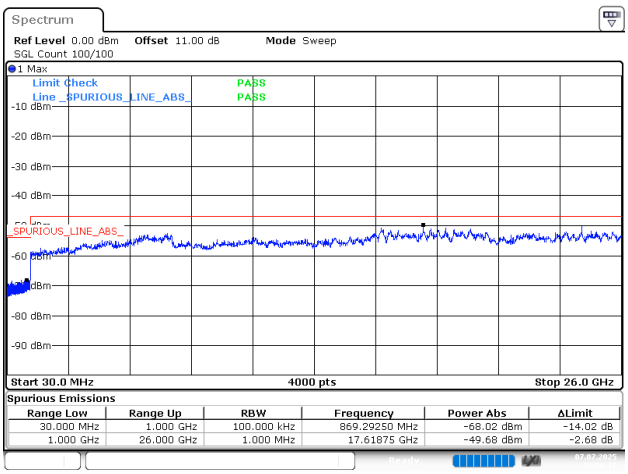
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802.11ax20, Low Channel(30MHz~26GHz)



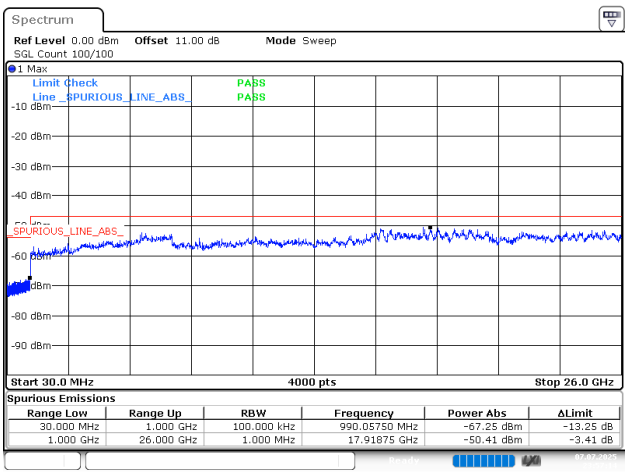
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Date: 7.JUL.2025 23:55:22

802.11ax20, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 7.JUL.2025 23:56:18

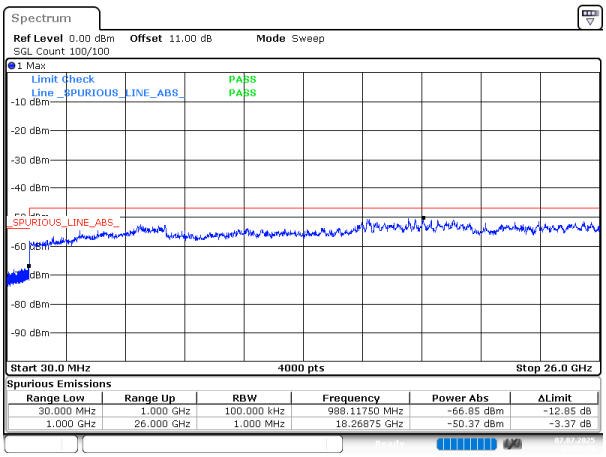
802.11ax20, High Channel(30MHz~26GHz)



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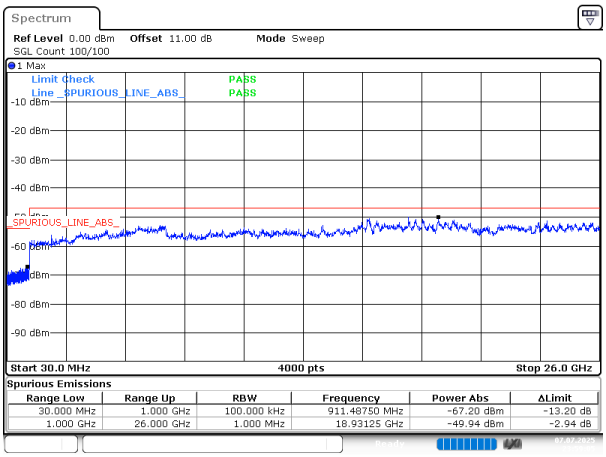
W56, Test Condition: NV

802.11a, Low Channel(30MHz~26GHz)



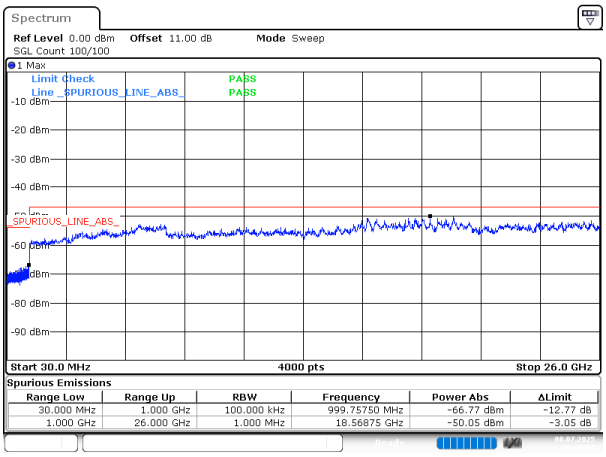
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802.11a, Middle Channel(30MHz~26GHz)



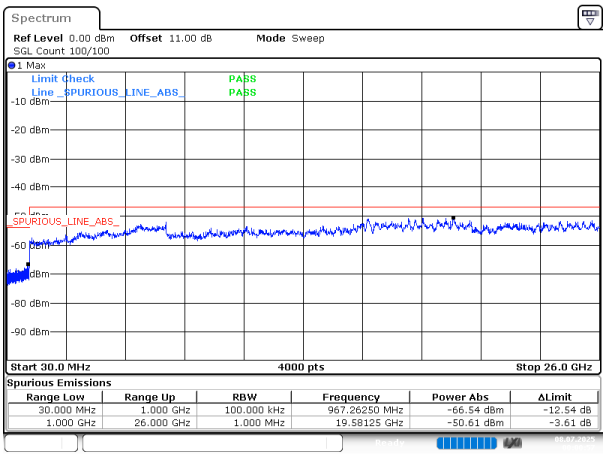
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802.11a, High Channel(30MHz~26GHz)



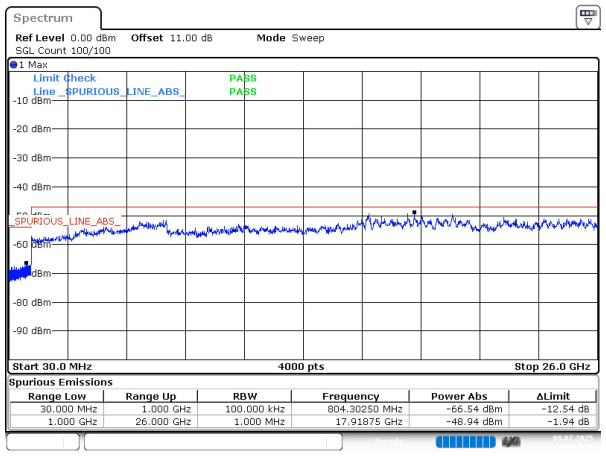
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Date: 8.JUL.2025 00:00:01

802.11n20, Low Channel(30MHz~26GHz)



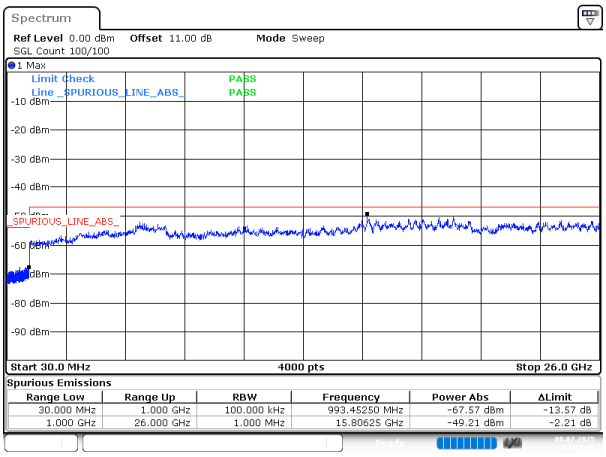
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802.11n20, Middle Channel(30MHz~26GHz)



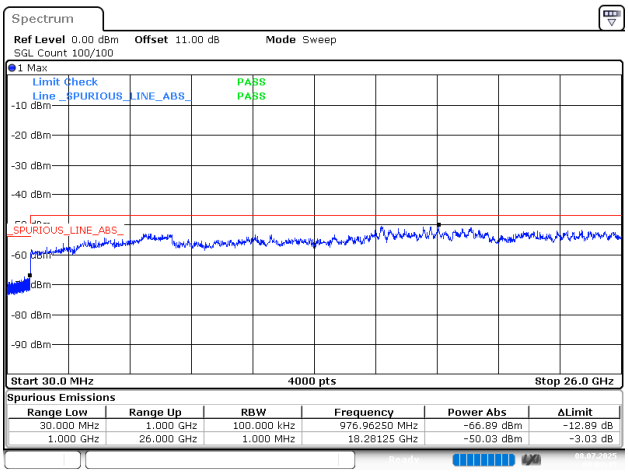
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802.11n20, High Channel(30MHz~26GHz)



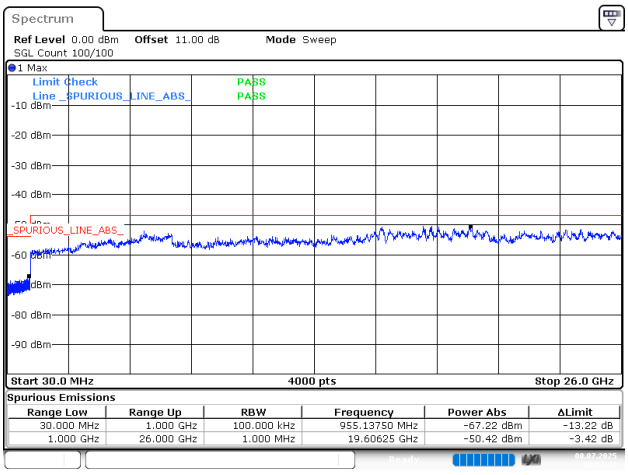
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802.11ac20, Low Channel(30MHz~26GHz)



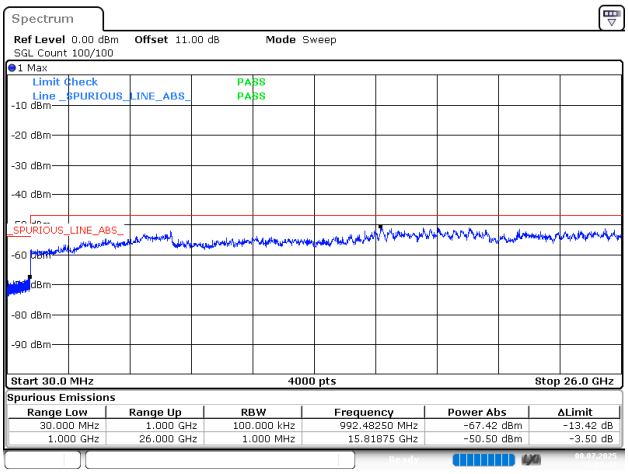
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Date: 8.JUL.2025 00:03:46

802.11ac20, Middle Channel(30MHz~26GHz)



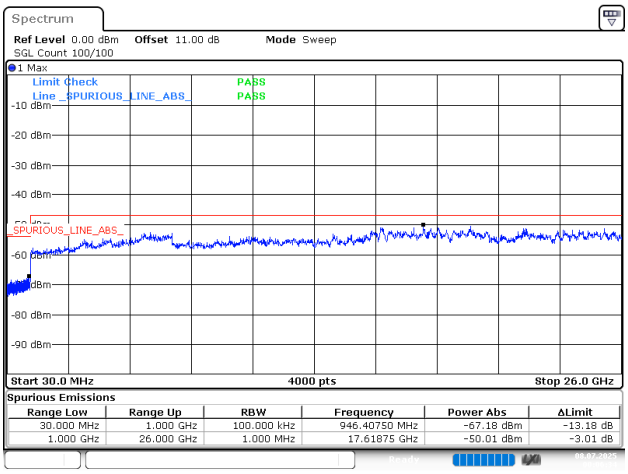
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802.11ac20, High Channel(30MHz~26GHz)



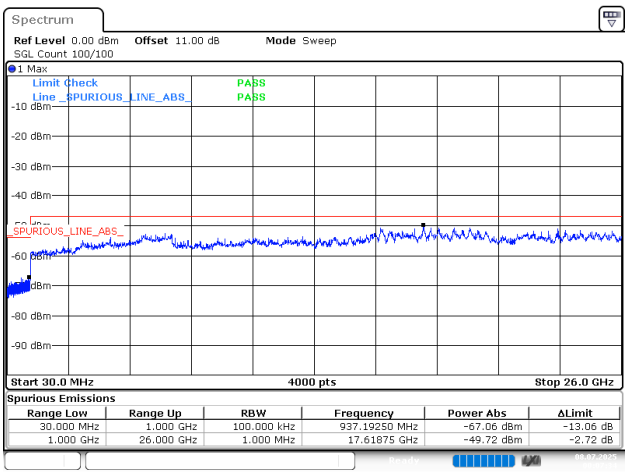
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802.11ax20, Low Channel(30MHz~26GHz)



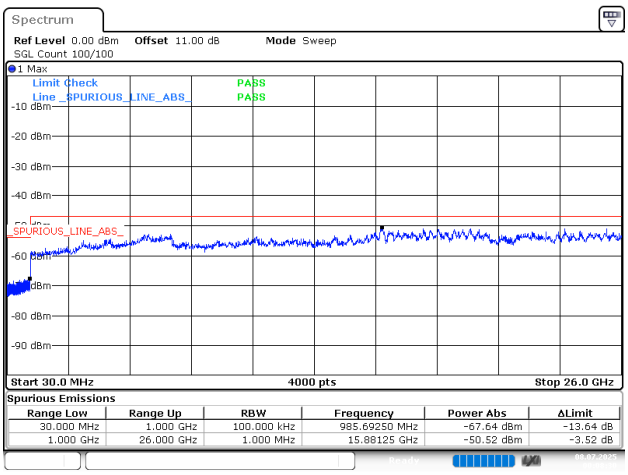
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 00:06:35

802.11ax20, Middle Channel(30MHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 00:07:34

802.11ax20, High Channel(30MHz~26GHz)



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 00:08:31

Note: Offset = Coaxial Attenuator (10dB) + Cable Loss (1dB)

Transmission Burst Length

Test Information:

Serial No.:	2YV8-1	**Test Date:**	2025/07/08
Test Site:	RF	**Test Mode:**	Transmitting
Tester:	Cooper Zhou	**Test Result:**	Pass

Environmental Conditions:

Temperature: (°C)	27.4	**Relative Humidity: (%)**	64	**ATM Pressure: (kPa)**	99.9

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Agency	Calibration Method
R&S	Spectrum Analyzer	FSV40	101589	2024/09/05	2025/09/04	BACL Metrology	C
Mini-Circuits	Coaxial DC Block	BLK-18-S+	15542	2025/02/28	2026/02/27	BACL(DG)	D
R&S	Coaxial Attenuator	10dB	F-08-EM512	2025/06/13	2026/06/12	BACL(DG)	D
All-sun	Multimeter	EM305A	8348897	2024/08/16	2025/08/15	BACL Metrology	C
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Note:

A. Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).

B. Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).

C. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

D. Calibration conducted by using measuring instruments and other equipment which shall have been given any of calibration, etc. listed above from a) to c).

Test Condition: NV

5.2G

Test Mode	Test Frequency (MHz)	Transmission Burst Length (ms)	Limit	Verdict
802.11a	5180	0.714	≤ 8	Pass
802.11n20	5180	0.709	≤ 8	Pass
802.11ac20	5180	0.715	≤ 8	Pass
802.11ax20	5180	0.709	≤ 8	Pass

5.3G

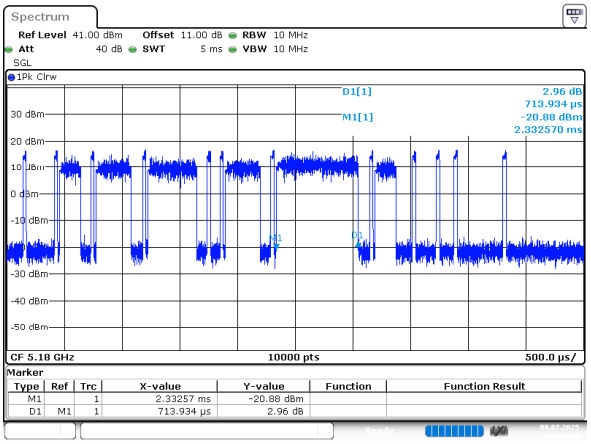
Test Mode	Test Frequency (MHz)	Transmission Burst Length (ms)	Limit	Verdict
802.11a	5260	0.736	≤ 8	Pass
802.11n20	5260	0.737	≤ 8	Pass
802.11ac20	5260	0.738	≤ 8	Pass
802.11ax20	5260	0.812	≤ 8	Pass

5.6G

Test Mode	Test Frequency (MHz)	Transmission Burst Length (ms)	Limit	Verdict
802.11a	5500	0.748	≤ 8	Pass
802.11n20	5500	0.647	≤ 8	Pass
802.11ac20	5500	0.710	≤ 8	Pass
802.11ax20	5500	0.682	≤ 8	Pass

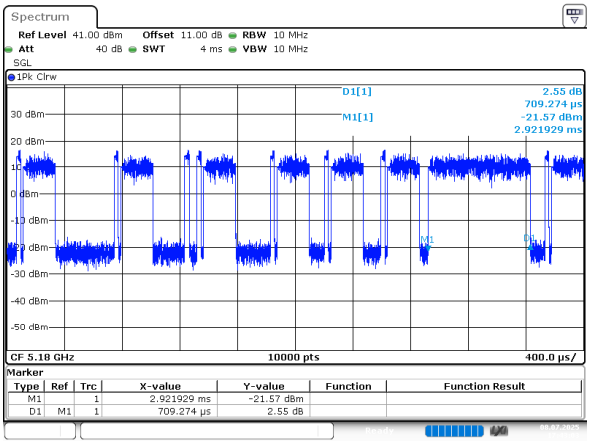
W52, Test Condition: NV

802.11a, Low Channel



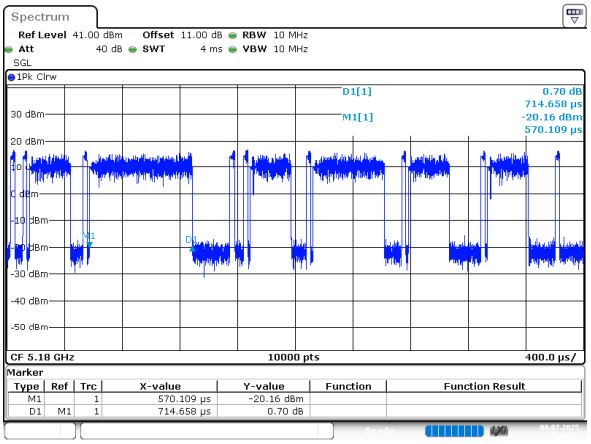
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 17:41:06

802.11n20, Low Channel



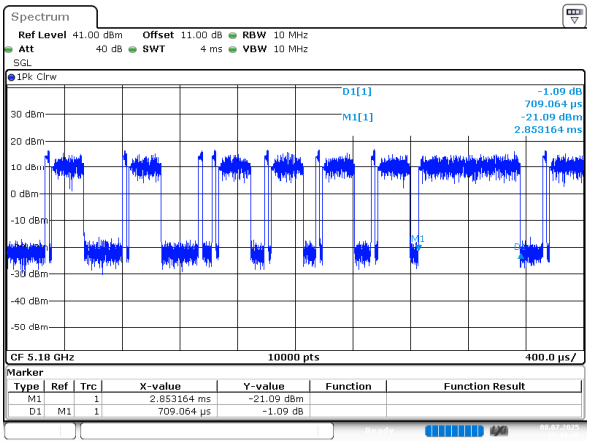
ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 17:43:03

802.11ac20, Low Channel



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 17:43:53

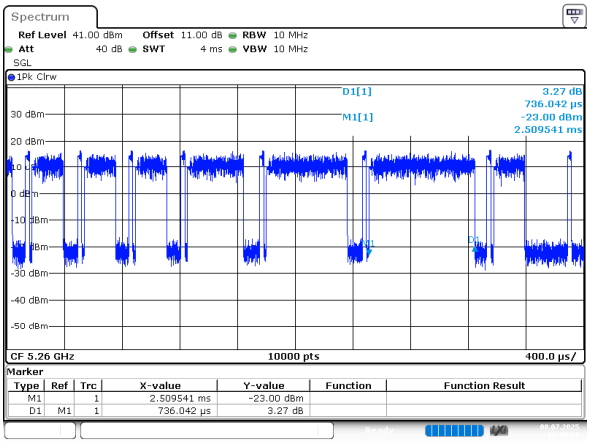
802.11ax20, Low Channel



ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 17:44:46

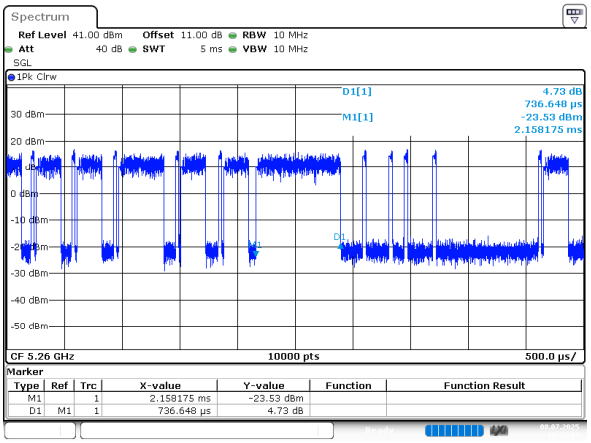
W53, Test Condition: NV

802.11a, Low Channel



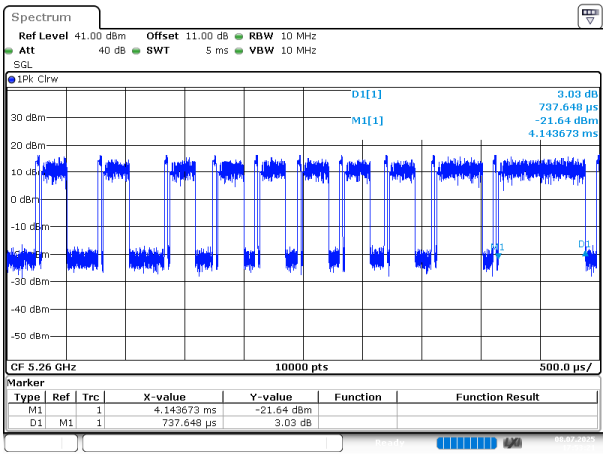
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Date: 8.JUL.2025 17:49:59

802.11n20, Low Channel

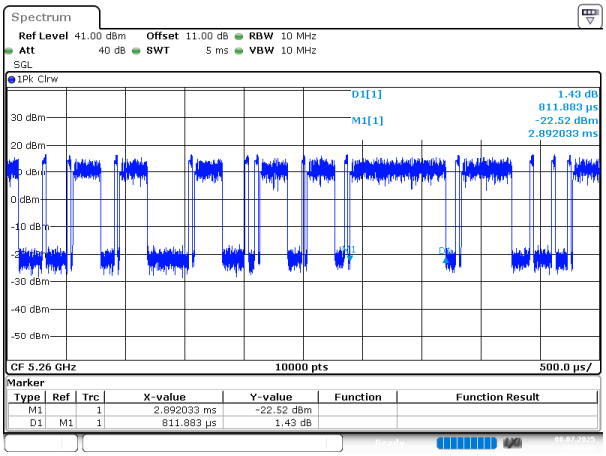


ProjectNo.:2502Q45186E-RF Tester:Cooper Zhou
Date: 8.JUL.2025 17:52:13

802.11ac20, Low Channel

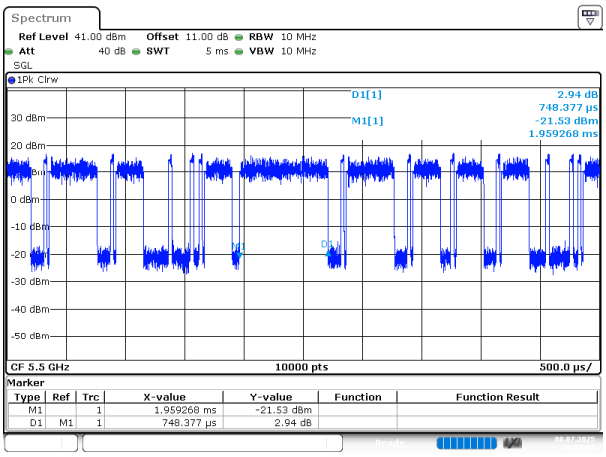


802.11ax20, Low Channel

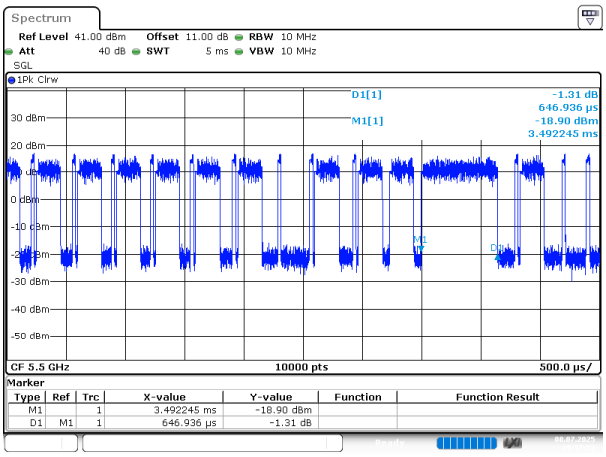


W56, Test Condition: NV

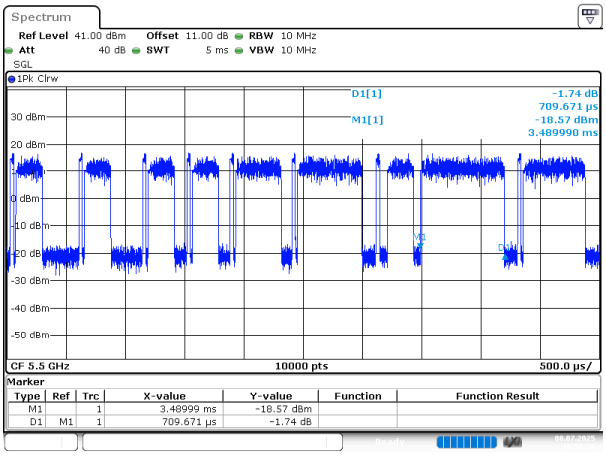
802.11a, Low Channel



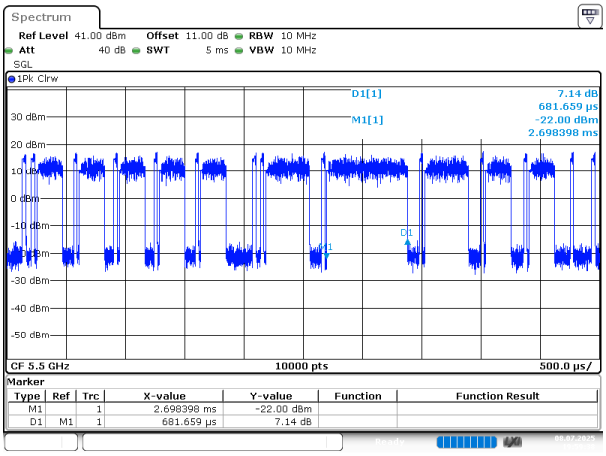
802.11n20, Low Channel



802.11ac20, Low Channel



802.11ax20, Low Channel



Note: Offset = Coaxial Attenuator (10dB) + Cable Loss (1dB)

******END OF REPORT******