低功率射頻器材試驗報告

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製造廠商	Renesas Design Korea Inc.
產品名稱	RRQ61051 Module
廠 牌	Renesas
主 型 號	RRQ61051-008
系列型號	N/A
該產品樣品試驗依據之試驗標準	低功率射頻器材技術規範 LP0002 113年版
試驗結果	合格

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6. 本實驗室不對申請者所提供之影響測試結果的訊息真實性負責。

報告發行紀錄

版次	案號	報告號碼	發行日期	說明	修訂人員
0.0	RLK250801004	RLK250801004RF02	2026.01.16	報告發行	Charlie

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1. 一般描述

產品名稱	RRQ61051 Module
主 型 號	RRQ61051-008
系列型號	N/A
差異說明	N/A
使用頻率	UNII-1 Band I: 5150~5250MHz UNII-2A Band II: 5250~5350MHz UNII-2C Band III: 5470~5725MHz UNII-3 Band IV: 5725~5850MHz
使用頻道	頻寬20MHz 頻率: B1:5180/5200/5240 B2:5260/5300/5320 B3:5500/5580/5680/5700 B4:5745/5785/5825
傳輸速率	IEEE 802.11a Mode: 6-54 Mbps IEEE 802.11n HT20 Mode: MCS 0~7 IEEE 802.11ac VHT20 Mode: MCS 0~8 IEEE 802.11ax HE20 Mode: MCS 0~11
調變方式	IEEE 802.11a/n20/ac20 Mode: OFDM IEEE 802.11ax20 Mode: OFDMA
供應電源	3.3Vdc
天線資訊	天線型態: PCB Antenna 廠牌: Renesas 型號: RRQ610x1-008 B1~B4 Gain值: 3.4 dBi

2. 測試規範

2.1 適用規範及條文

本測試報告之所有項目皆符合國家通訊傳播委員會 LP0002 低功率射頻器材技術規範及條文。

項次	測試項目	低功率射頻器材技術規範	測試結果
1	電源線傳導干擾	3.3節	符合規範
2	不必要發射	5.7.4.1節,5.7.4.2節和5.7.4.6節	符合規範
3	開放頻帶邊緣之發射	5.7.4.6節	符合規範
4	發射頻寬測試	5.7.3.4節和5.7.5節	符合規範
5	輸出功率	5.7.3.1節(1)(A),(2)(A),(3)(A),4(A), 5.7.3.2(1)節和5.7.3.3(1)節	符合規範
6	功率密度	5.7.3.1節(1)(B),(2)(B),(3)(B),4(B), 5.7.3.2(2)節和5.7.3.3(2) 節	符合規範
7	電波曝露量	6.20.2.2節	符合規範

報 告 簽 署 人： 許詔強

2.2 限制使用之頻帶

根據<國家通訊傳播委員會低功率射頻器材技術規範>第三章第 3.5 節(一般規定)，任何低功率射頻器材之主波皆不得使用下表所列各頻帶內之頻率；低功率射頻器材落於下表所列頻帶內之混附發射，其電場強度必須符合第 3.6 節的限制規定。

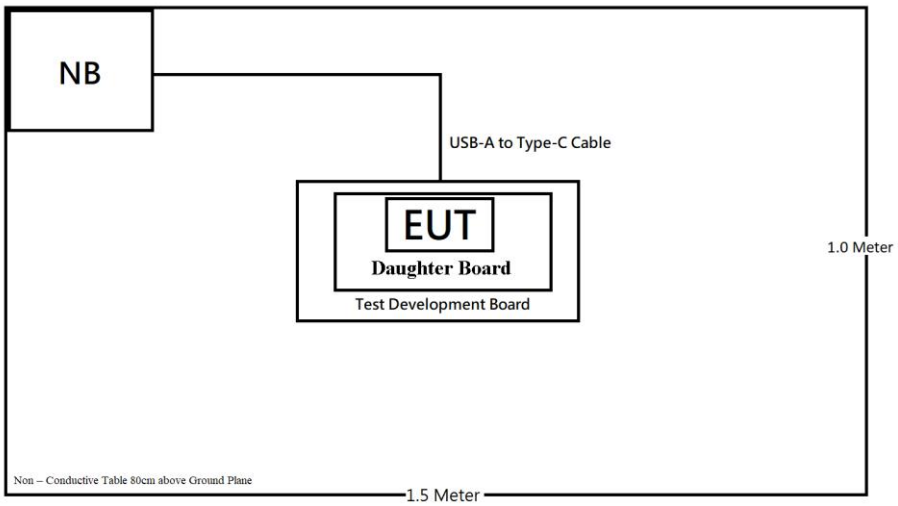
頻率 (MHz)	頻率 (MHz)	頻率 (MHz)	頻率 (MHz)
0.090 - 0.110	167.72 - 173.20	2483.5 - 2900.0	38600 以上
0.490 - 0.510	240.00 - 285.00	3260.0 - 3267.0	
2.172 - 2.198	322.00 - 335.40	3332.0 - 3339.0	
3.013 - 3.033	399.90 - 410.00	3345.8 - 3358.0	
4.115 - 4.198	485.00 - 510.00	3500.0 - 4400.0	
5.670 - 5.690	608.00 - 614.00	4500.0 - 5250.0	
6.200 - 6.300	703.00 - 748.00	5350.0 - 5460.0	
8.230 - 8.400	758.00 - 803.00	7250.0 - 7750.0	
12.265 - 12.600	825.00 - 915.00	8025.0 - 8500.0	
13.340 - 13.430	930.00 - 1240.0	9000.0 - 9200.0	
14.965 - 15.020	1300.0 - 1427.0	9300.0 - 9500.0	
16.700 - 16.755	1435.0 - 1626.5	10600 - 12700	
19.965 - 20.020	1660.0 - 1785.0	13250 - 13400	
25.500 - 25.700	1805.0 - 1880.0	14470 - 14500	
37.475 - 38.275	1885.0 - 1900.0	15350 - 16200	
73.500 - 75.400	1905.0 - 1985.0	17700 - 21400	
108.00 - 138.00	2010.0 - 2025.0	22010 - 23120	
149.90 - 150.05	2110.0 - 2170.0	23600 - 24000	
156.70 - 156.90	2200.0 - 2300.0	31200 - 31800	
162.01 - 167.17	2310.0 - 2390.0	36430 - 36500	

3. 受測裝置之系統說明

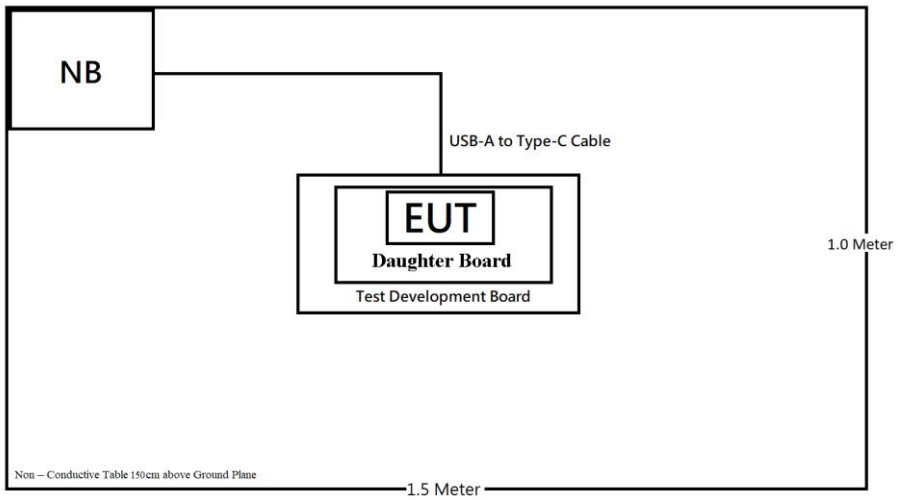
3.1 待測物與測試設備系統圖

Radiation :

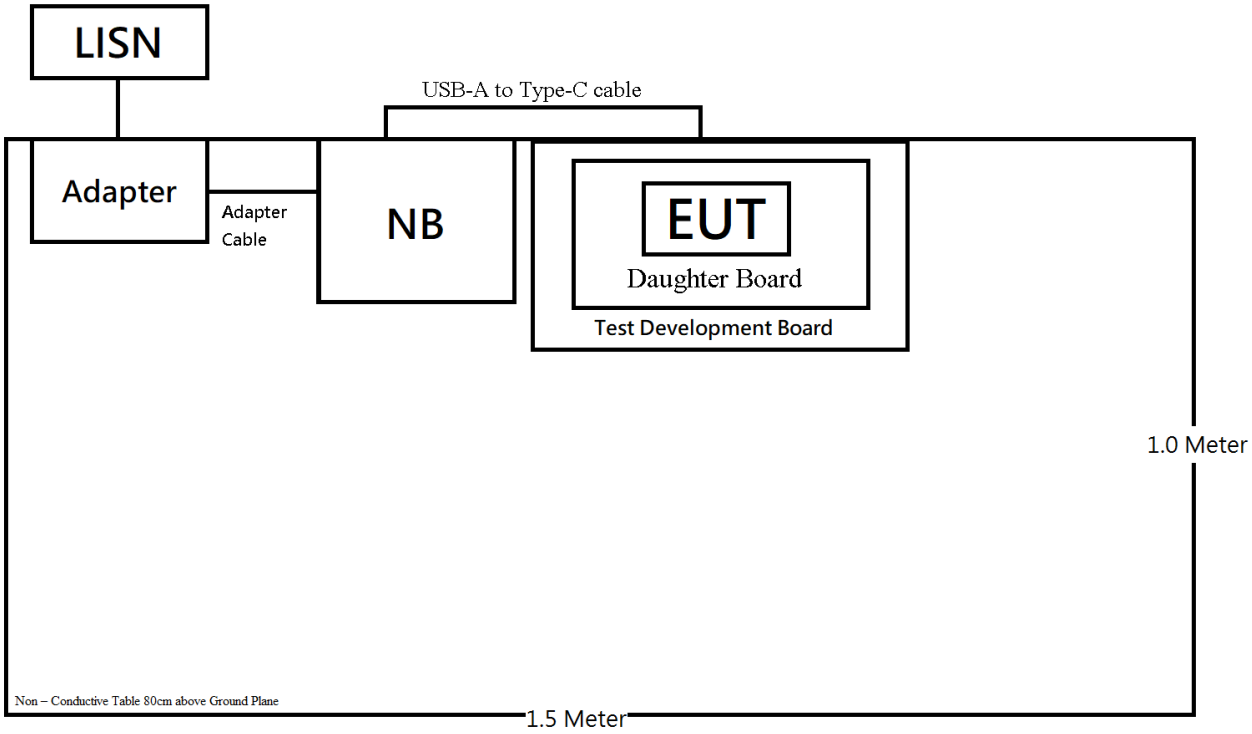
Below 1GHz



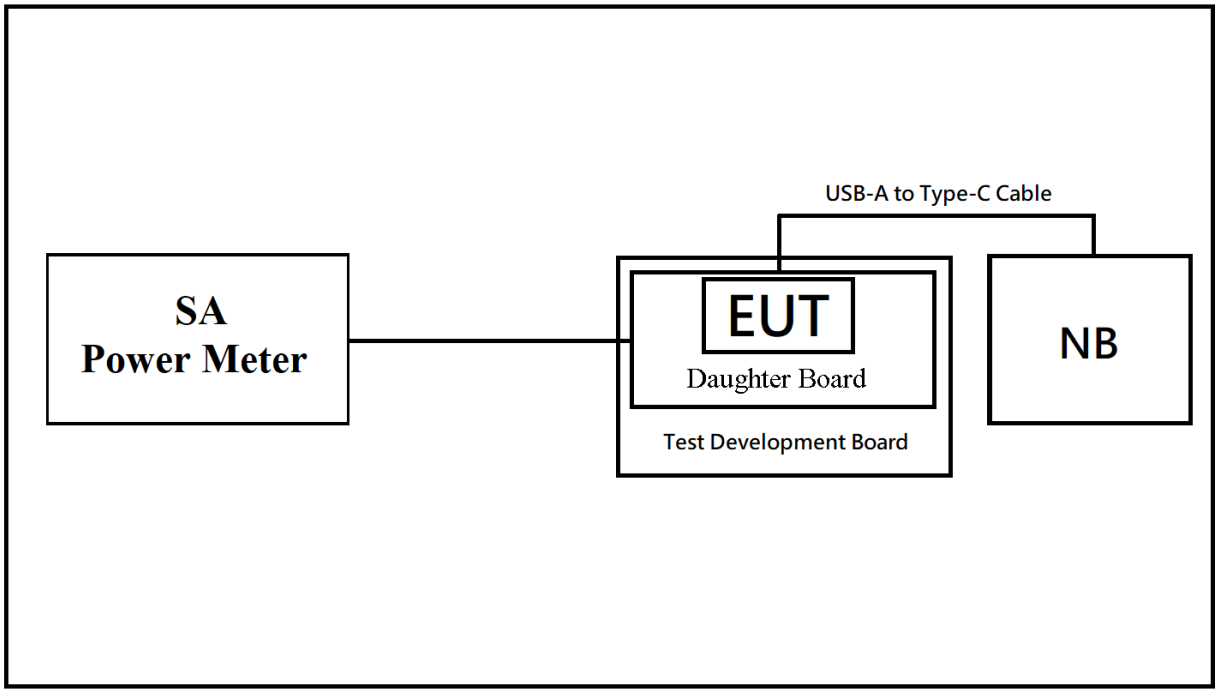
Above 1GHz:



Conduction :



Conducted:



3.2 測試模式

1. SET UP 方式請參照 SET UP Photos。
2. 樣品設定 Low, Mid 與 High Channel，並執行法規規定之測試項目。
3. 此案 Pre-scan 經三軸比對後，最差為 Y 軸。
4. 在輻射干擾部分均評估，報告中僅呈現最差模式。
5. WIFI2.4G 和 WIFI5G 不支援同時發射
6. 802.11ax mode only support full RU

Mode	測試模式	樣品序號
1	Radiated Test	RLK250801004-2
2	Conducted Test	RLK250801004-1
3	Conduction Test	RLK250801004-2

Worse	
5G	B1 : N20-5200 MHz
	B2 : AX20-5260 MHz
	B3 : N20-5500 MHz
	B4 : N20-5785 MHz

3.3 測試軟件

Used “TeraTerm5” software.

UNII Band	Mode	Channel	Frequency (MHz)	Power setting
UNII-1	802.11a	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	11
		64	5320	9
UNII-2C		100	5500	13
		116	5580	23
		136	5680	12
		140	5700	8
UNII-3		149	5745	10
		157	5785	12
		165	5825	12
UNII-1	802.11 n20	36	5180	12
		40	5200	12
		48	5240	10

UNII-2A		52	5260	11
		60	5300	11
		64	5320	9
UNII-2C		100	5500	14
		116	5580	25
		136	5680	25
		140	5700	11
UNII-3		149	5745	4
		157	5785	12
		165	5825	12
UNII-1	802.11 ac20	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	11
		64	5320	9
UNII-2C		100	5500	12
		116	5580	18
		136	5680	12
		140	5700	5
UNII-3		149	5745	10
		157	5785	12
		165	5825	12
UNII-1	802.11 ax20	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	11
		60	5300	10
		64	5320	9
UNII-2C		100	5500	13
		116	5580	20
		136	5680	12
		140	5700	7
UNII-3		149	5745	10
		157	5785	12
		165	5825	12

3.4 隨貨附賣週邊設備名稱描述

N/A

3.5 未隨貨附賣，輔助測試週邊設備名稱描述

序號	設備名稱	廠牌	型號
1	Notebook (Lab provided)	DELL	E6410
2	Notebook (Lab provided)	Acer	N16Q1
3	USB-A to Type-C Cable (Customer provided)	VENTION	COZ
4	Test Development Board (Customer provided)	RENESAS	EK-RQ61 565-11-C-0001 Ver 3.1
5	Daughter Board (Customer provided)	RENESAS	RRQ610x1 565-16-B

3.6 測試描述

1. 將 EUT 插入模組板上，使用線材連接模組板與筆電，點擊模組板紅色按鈕

2. 打開測試軟體”TeraTerm5”

3. 輸入 TX & RX 測試指令，確認訊號是否正確，開始測試

3.7 占空比測試

Duty cycle = Tx on(ms)/(Tx on+off(ms)

Duty factor = 10*log(1/ Duty cycle)

	A Mode	N20 Mode	AC20 Mode	AX20 Mode
Duty cycle	0.96	0.92	0.99	0.99
Duty factor	0.18	0.36	0.00	0.00

4. 電源線傳導干擾之量測

4.1 適用標準

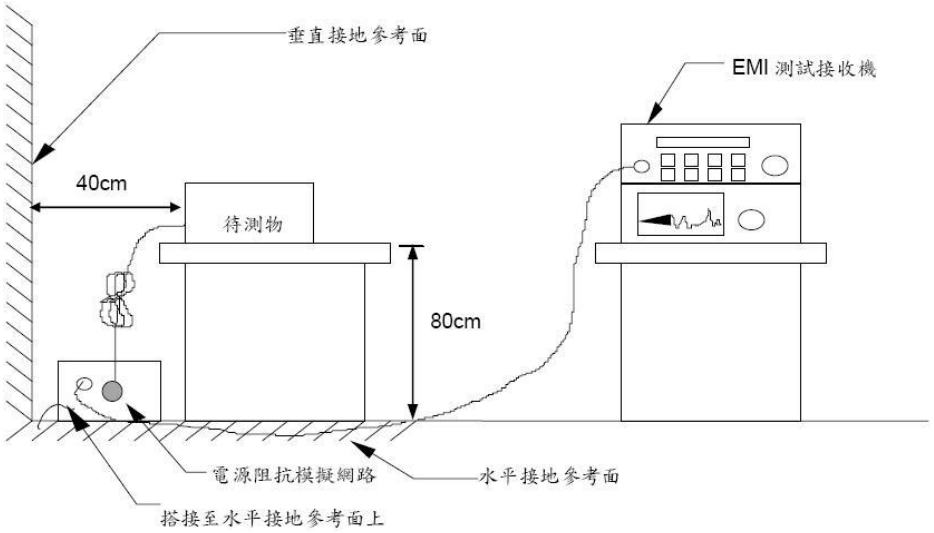
依據低功率射頻器材技術規範，電源傳導干擾之限制要求如下:

頻率 (MHz)	傳導限制值 (dBμV)	
	準峰值 (Quasi – peak)	平均值(Average)
0.15 – 0.5	66 – 56	56 - 46
0.5 – 5	56	46
5 - 30	60	50

4.2 測試方法

將待測物置於0.8米高的非金屬桌面，使其在工作狀態，待測物電源線接至電源線阻抗穩定網路上，從測試接收機記錄頻率由0.15MHz至30MHz之間之電源線傳導放射強度。

4.3 測試配置



4.4 干擾值之計算

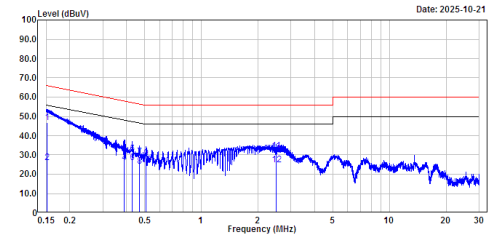
電源傳導干擾電壓之計算公式如下

干擾值 = 讀值 + 校正因子

其中校正因子為： *饋線損失 + 電源阻抗模擬網路損失*

4.5 傳導干擾之量測結果

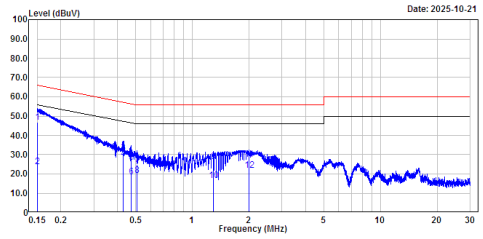
Band1 Line



Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B1-N20-TX-5200

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1509	26.81	46.79	19.98	65.95	-19.16	QP
2	0.1509	5.88	25.86	19.98	55.95	-30.09	Average
3	0.3892	10.66	30.68	20.02	58.08	-27.40	QP
4	0.3892	5.98	26.00	20.02	48.08	-22.08	Average
5	0.4301	10.51	30.54	20.03	57.25	-26.71	QP
6	0.4301	6.00	26.03	20.03	47.25	-21.22	Average
7	0.4692	8.88	28.91	20.03	56.53	-27.62	QP
8	0.4692	4.19	24.22	20.03	46.53	-22.31	Average
9	0.5083	8.29	28.32	20.03	56.00	-27.68	QP
10	0.5083	4.69	24.72	20.03	46.00	-21.28	Average
11	2.5004	12.11	32.18	20.07	56.00	-23.82	QP
12	2.5004	4.68	24.75	20.07	46.00	-21.25	Average

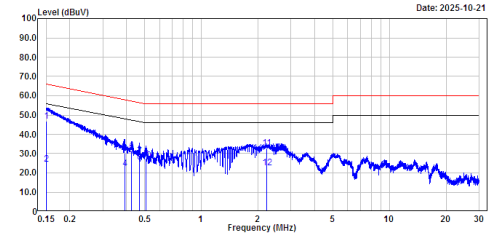
Band1 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B1-N20-TX-5200

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1505	26.94	46.95	20.01	65.98	-19.03	QP
2	0.1505	3.89	23.90	20.01	55.98	-32.08	Average
3	0.4280	10.98	30.96	19.98	57.29	-26.33	QP
4	0.4280	8.09	28.07	19.98	47.29	-19.22	Average
5	0.4716	6.17	26.16	19.99	56.49	-30.33	QP
6	0.4716	-1.64	18.35	19.99	46.49	-28.14	Average
7	0.5088	4.91	24.91	20.00	56.00	-31.09	QP
8	0.5088	-0.94	19.06	20.00	46.00	-26.94	Average
9	1.2915	6.52	26.54	20.02	56.00	-29.46	QP
10	1.2915	-3.30	16.72	20.02	46.00	-29.28	Average
11	1.9968	7.39	27.44	20.05	56.00	-28.56	QP
12	1.9968	1.96	22.01	20.05	46.00	-23.99	Average

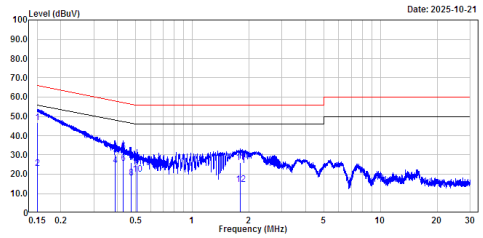
Band2 Line



Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B2-AX20-TX-5260

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1506	26.92	46.90	19.98	65.97	-19.07	QP
2	0.1506	4.55	24.53	19.98	55.97	-31.44	Average
3	0.3912	10.35	30.37	20.02	58.04	-27.67	QP
4	0.3912	2.41	22.43	20.02	48.04	-25.61	Average
5	0.4271	10.78	30.80	20.02	57.31	-26.51	QP
6	0.4271	9.28	29.30	20.02	47.31	-18.01	Average
7	0.4683	8.75	28.78	20.03	56.54	-27.76	QP
8	0.4683	5.54	25.57	20.03	46.54	-20.97	Average
9	0.5068	7.64	27.67	20.03	56.00	-28.33	QP
10	0.5068	6.25	26.28	20.03	46.00	-19.72	Average
11	2.2289	12.67	32.73	20.06	56.00	-23.27	QP
12	2.2289	2.47	22.53	20.06	46.00	-23.47	Average

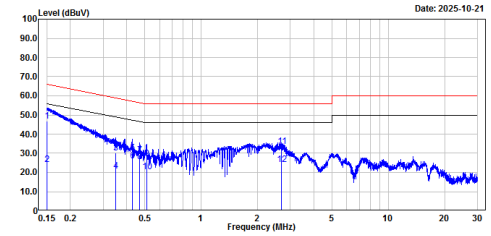
Band2 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B2-AX20-TX-5260

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1506	26.95	46.96	20.01	65.97	-19.01	QP
2	0.1506	3.05	23.06	20.01	55.97	-32.91	Average
3	0.3884	10.10	30.08	19.98	58.10	-28.02	QP
4	0.3884	4.51	24.49	19.98	48.10	-23.61	Average
5	0.4297	11.52	31.51	19.99	57.26	-25.75	QP
6	0.4297	5.80	25.79	19.99	47.26	-21.47	Average
7	0.4720	6.14	26.13	19.99	56.48	-30.35	QP
8	0.4720	-2.01	17.98	19.99	46.48	-28.50	Average
9	0.5088	4.58	24.58	20.00	56.00	-31.42	QP
10	0.5088	-0.12	19.88	20.00	46.00	-26.12	Average
11	1.8015	5.91	25.96	20.05	56.00	-30.04	QP
12	1.8015	-5.48	14.57	20.05	46.00	-31.43	Average

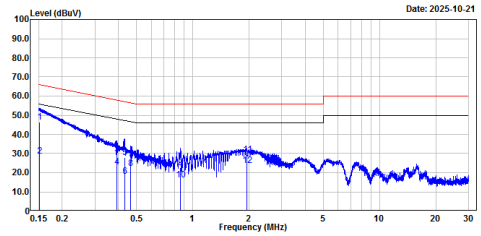
Band3 Line



Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B3-N20-TX-5500

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1508	26.97	46.95	19.98	65.96	-19.01	QP
2	0.1508	4.19	24.17	19.98	55.96	-31.79	Average
3	0.3504	10.05	30.07	20.02	58.95	-28.88	QP
4	0.3504	0.59	20.61	20.02	48.95	-28.34	Average
5	0.4297	10.33	30.36	20.03	57.26	-26.90	QP
6	0.4297	5.89	25.92	20.03	47.26	-21.34	Average
7	0.4683	9.11	29.14	20.03	56.54	-27.40	QP
8	0.4683	5.80	25.83	20.03	46.54	-20.71	Average
9	0.5113	6.99	27.02	20.03	56.00	-28.98	QP
10	0.5113	0.37	20.40	20.03	46.00	-25.60	Average
11	2.6924	13.47	33.55	20.08	56.00	-22.45	QP
12	2.6924	4.13	24.21	20.08	46.00	-21.79	Average

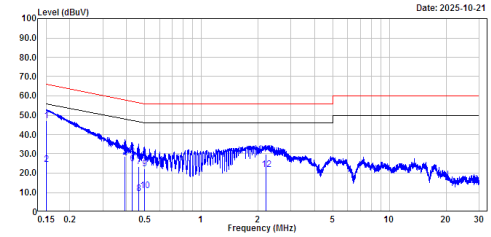
Band3 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B3-N20-TX-5500

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1521	26.59	46.60	20.01	65.88	-19.28	QP
2	0.1521	8.78	28.79	20.01	55.88	-27.09	Average
3	0.3920	9.84	29.82	19.98	58.02	-28.20	QP
4	0.3920	2.92	22.90	19.98	48.02	-25.12	Average
5	0.4323	7.92	27.91	19.99	57.21	-29.30	QP
6	0.4323	-1.76	18.23	19.99	47.21	-28.98	Average
7	0.4659	7.21	27.20	19.99	56.59	-29.39	QP
8	0.4659	2.42	22.41	19.99	46.59	-24.18	Average
9	0.8616	2.48	22.49	20.01	56.00	-33.51	QP
10	0.8616	-3.77	16.24	20.01	46.00	-29.76	Average
11	1.9573	9.44	29.49	20.05	56.00	-26.51	QP
12	1.9573	3.69	23.74	20.05	46.00	-22.26	Average

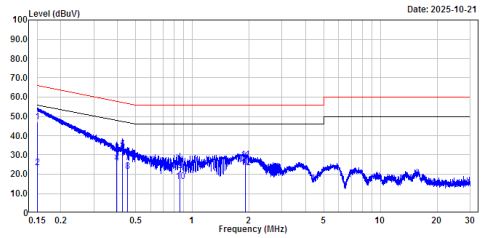
Band4 Line



Site : Conduction
Condition: Line
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B4-N20-TX-5785

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1502	27.20	47.18	19.98	65.99	-18.81	QP
2	0.1502	4.41	24.39	19.98	55.99	-31.60	Average
3	0.3927	8.80	28.82	20.02	58.01	-29.19	QP
4	0.3927	7.46	27.48	20.02	48.01	-20.53	Average
5	0.4297	9.73	29.76	20.03	57.26	-27.50	QP
6	0.4297	4.96	24.99	20.03	47.26	-22.27	Average
7	0.4659	3.25	23.28	20.03	56.59	-33.31	QP
8	0.4659	-10.41	9.62	20.03	46.59	-36.97	Average
9	0.4977	2.13	22.16	20.03	56.04	-33.88	QP
10	0.4977	-9.17	10.86	20.03	46.04	-35.18	Average
11	2.2134	9.72	29.78	20.06	56.00	-26.22	QP
12	2.2134	1.91	21.97	20.06	46.00	-24.03	Average

Band4 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801004
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.5℃/53%
Mode : WiFi 5G-B4-N20-TX-5785

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1502	27.17	47.18	20.01	65.99	-18.81	QP
2	0.1502	3.37	23.38	20.01	55.99	-32.61	Average
3	0.3967	7.88	27.86	19.98	57.92	-30.06	QP
4	0.3967	5.62	25.60	19.98	47.92	-22.32	Average
5	0.4263	12.72	32.70	19.98	57.32	-24.62	QP
6	0.4263	10.66	30.64	19.98	47.32	-16.68	Average
7	0.4544	5.94	25.93	19.99	56.79	-30.86	QP
8	0.4544	1.33	21.32	19.99	46.79	-25.47	Average
9	0.8573	1.88	21.89	20.01	56.00	-34.11	QP
10	0.8573	-3.89	16.12	20.01	46.00	-29.88	Average
11	1.9148	7.43	27.48	20.05	56.00	-28.52	QP
12	1.9148	3.25	23.30	20.05	46.00	-22.70	Average

Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

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

5. 不必要發射之量測

5.1 適用標準

1. 依據低功率射頻器材技術規範，在5.15GHz～5.35GHz及5.470GHz～5.725GHz頻段操作的發射器：帶外發射之有效等向輻射功率(EIRP)≦-27 dBm/MHz。
   在5.725GHz～5.850GHz的頻段操作之發射器：所有頻帶邊緣向外5MHz內頻率之發射，有效等向輻射功率(EIRP)≦27dBm/MHz～15.6dBm/MHz；所有頻帶邊緣向外5MHz～25MHz，有效等向輻射功率(EIRP)≦15.6dBm/MHz～10dBm/MHz；所有頻帶邊緣外25MHz～75MHz，有效等向輻射功率(EIRP)≦10dBm/MHz～-27dBm/MHz；所有頻帶邊緣外≧75MHz的頻率之發射，有效等向輻射功率(EIRP)≦-27dBm/MHz。
2. 依據低功率射頻器材技術規範，不必要發射頻率屬3.5規定頻段者，應符合3.6之規定。

5.2 量測方法

將待測物置於 1.5 米高的非金屬桌面，使其在工作狀態，接收天線置於 3 米外相同的高度。待測物分別要垂直或水平放置，而且桌面要 360 度旋轉，另外接收天線也要從 1.0 米至 4.0 米升降變化，以找出最大的輻射電場強度，接收天線置於水平、垂直極向各執行測試一次。

5.3 測試場地配置圖

圖 1 :量測頻率9kHz~ 30MHz之測試配置

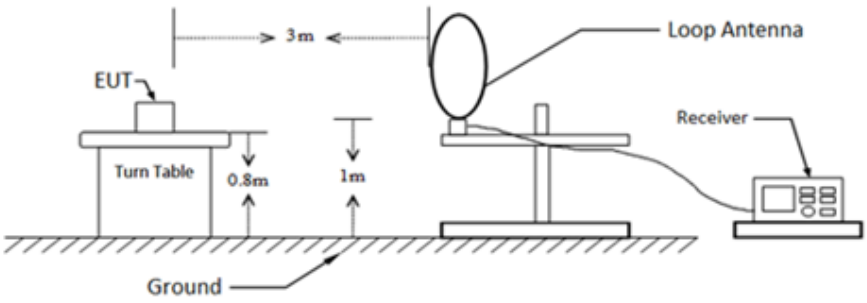


圖 2 :量測頻率30 MHz~ 1 GHz之測試配置

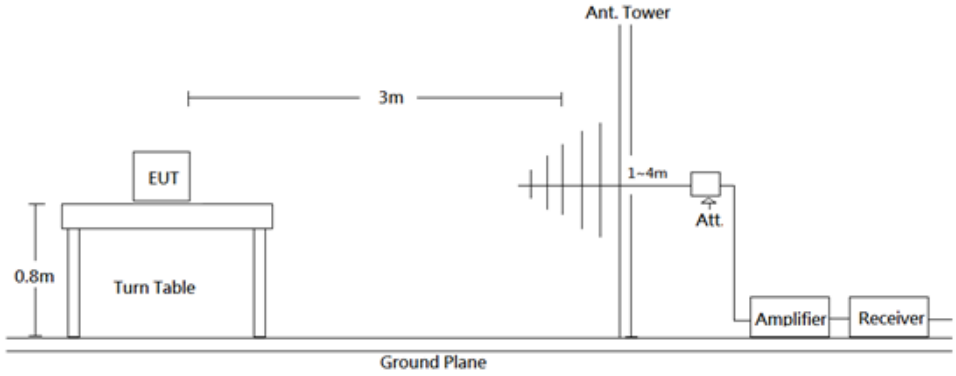


圖 3 : 量測頻率1 GHz以上之測試配置

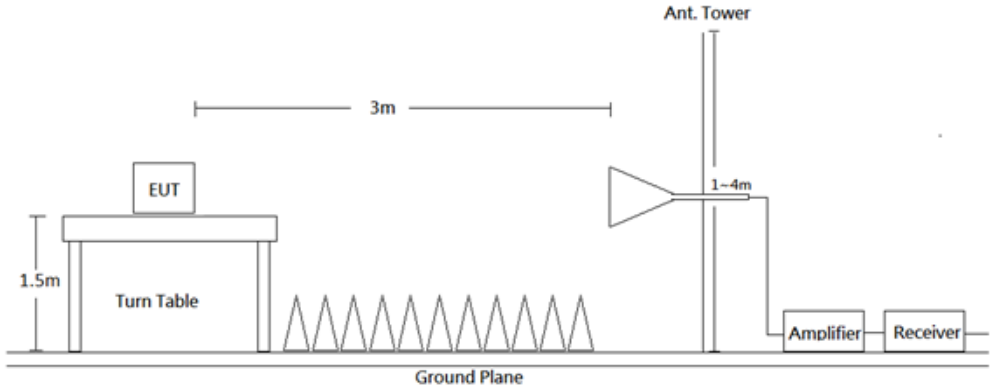
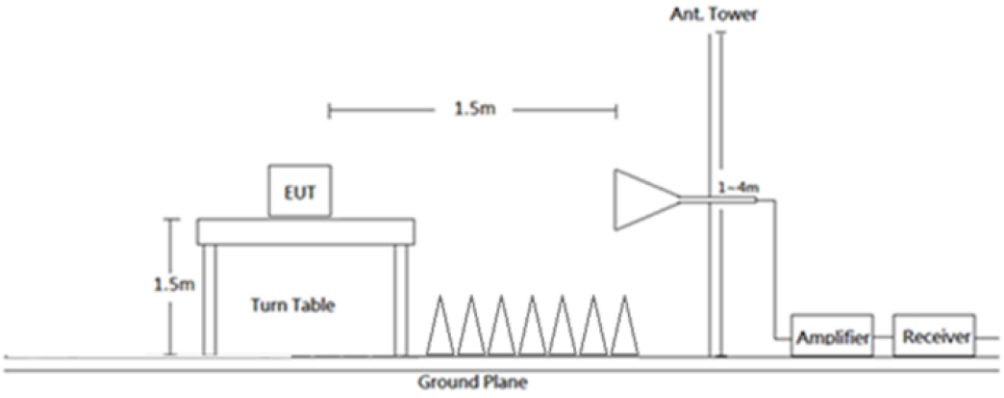


圖4: 量測頻率18GHz以上之測試配置



*1m 限制值=3m 限制值+20*log(3m/1.5m)

5.4 EIRP 跟 ERP 強度之轉換計算

依據ANSI C63.10:2013

EIRP[dBm]=E[dBμV/m]+20log(d[m])-104.77

當量測距離d為3m

EIRP[dBm]=E[dBμV/m]-95.2

5.5 場強輻射之量測結果

發射機 / 接收機 其它不必要之訊號 (9 kHz ~ 30 MHz)

此頻率之干擾值低於限制值20 dB以下，被考量為背景雜訊值並不予記錄。

發射機 / 接收機 其它不必要之訊號 (30 MHz ~ 1 GHz)

此案件測試模式分別為Worst Power。

發射機 其它不必要之訊號 (1 GHz ~ 18 GHz)

此案件測試模式分別為CH Low、Mid、High。

發射機 其它不必要之訊號 (18 GHz ~ 40 GHz)

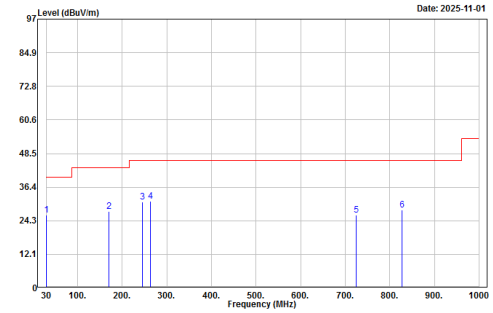
此案件測試模式分別為Worst Power。

接收機 其它不必要之訊號 (1 GHz ~ 40 GHz)

此案件測試模式為Receiver模式。

發射機其它不必要之訊號(1GHz 以下)

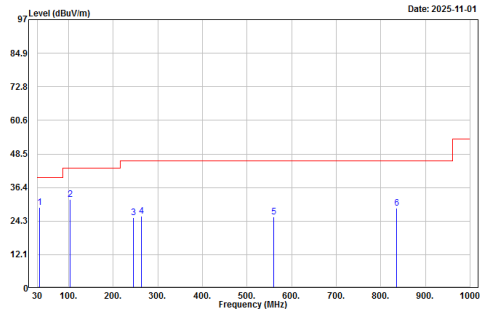
UNII-1 Band I Horizontal



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

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

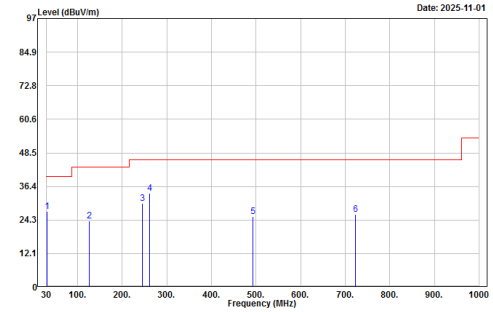
UNII-1 Band I Vertical



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

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

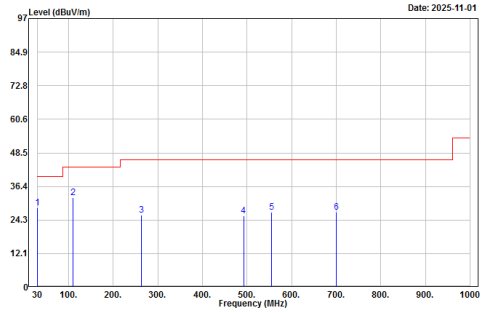
UNII-2A Band II Horizontal



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

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

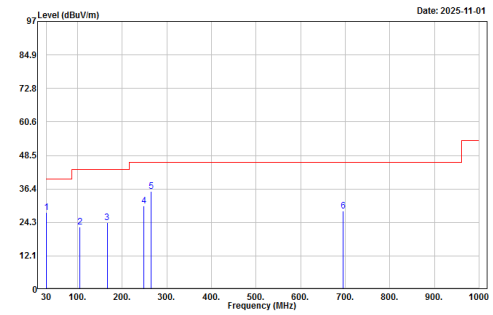
UNII-2A Band II Vertical



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

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

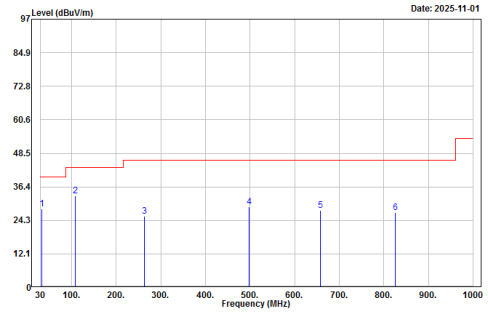
UNII-2C Band III Horizontal



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

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

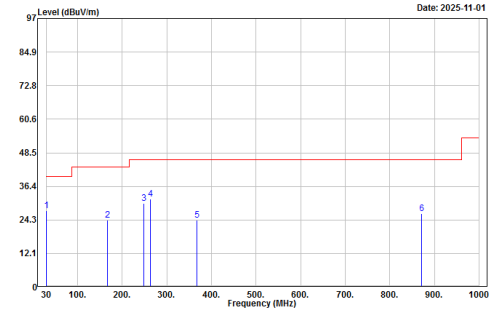
UNII-2C Band III Vertical



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

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

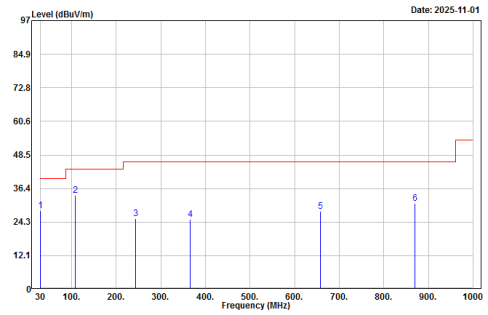
UNII-3 Band IV Horizontal



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

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

UNII-3 Band IV Vertical



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

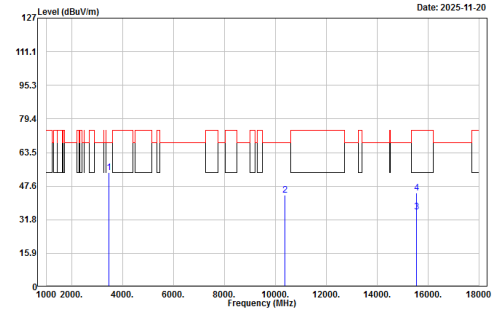
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.485	37.14	-8.72	28.42	40.00	-11.58	QP
2	108.861	53.37	-19.47	33.90	43.50	-9.60	QP
3	243.691	46.82	-21.33	25.49	46.00	-20.51	QP
4	366.008	43.76	-18.49	25.27	46.00	-20.73	QP
5	657.493	40.55	-12.48	28.07	46.00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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

發射機其它不必要之訊號(1GHz-18GHz)

IEEE 802.11a Mode

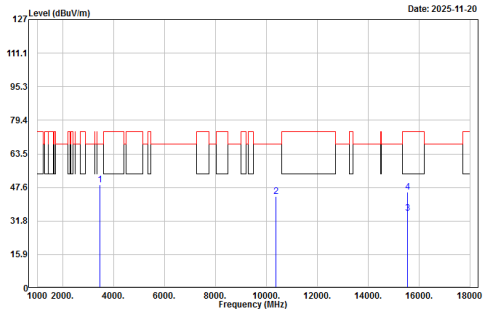
5180 MHz Horizontal




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

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

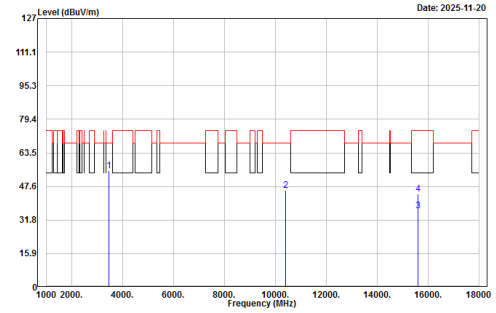
5180 MHz Vertical




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

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

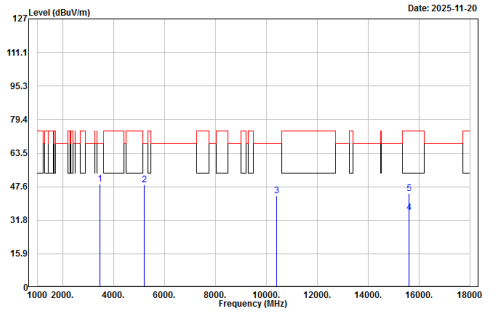
5200 MHz Horizontal




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

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

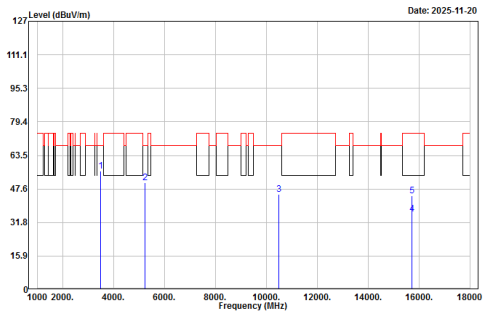
5200 MHz Vertical




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

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

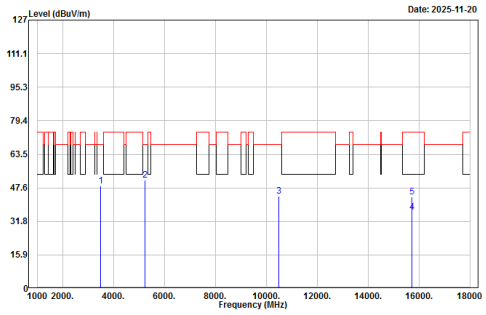
5240 MHz Horizontal



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

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

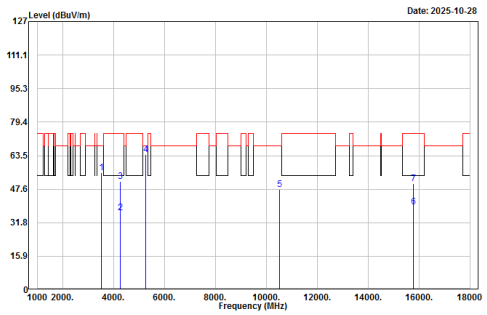
5240 MHz Vertical



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

	Freq	Read Level	Factor	Limit Level	Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	53.21	-4.67	48.54	68.20	-19.66	Peak
2	5236.967	51.66	-0.29	51.37	68.20	-16.83	Peak
3	10480.000	32.39	11.32	43.71	68.20	-24.49	Peak
4	15720.000	23.05	13.03	36.08	54.00	-17.92	Average
5	15720.000	30.37	13.03	43.40	74.00	-30.60	Peak

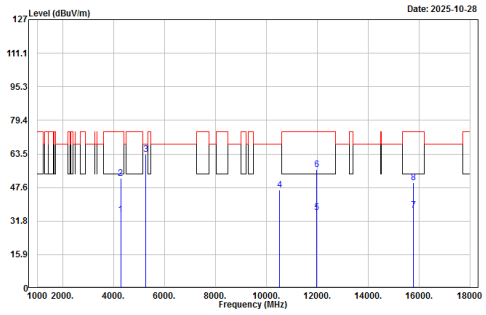
5260 MHz Horizontal



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

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

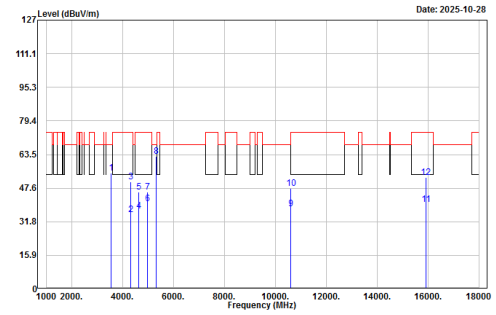
5260 MHz Vertical



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

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

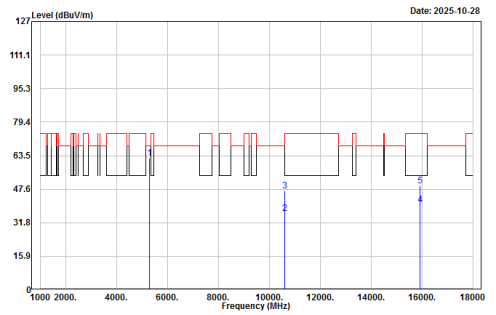
5300 MHz Horizontal



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

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

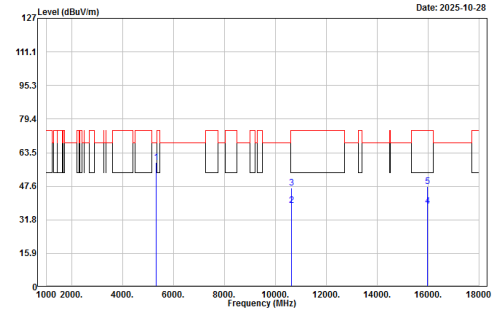
5300 MHz Vertical



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

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

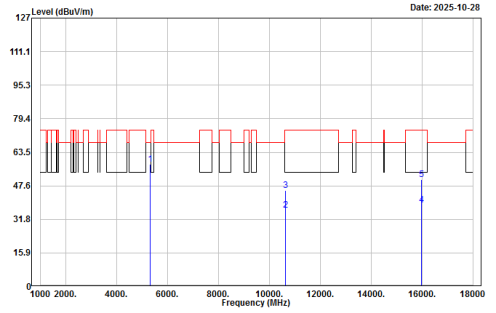
5320 MHz Horizontal



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

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

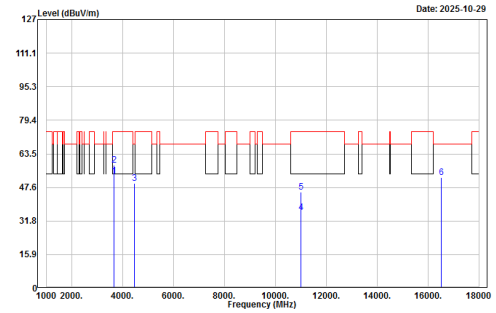
5320 MHz Vertical



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

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

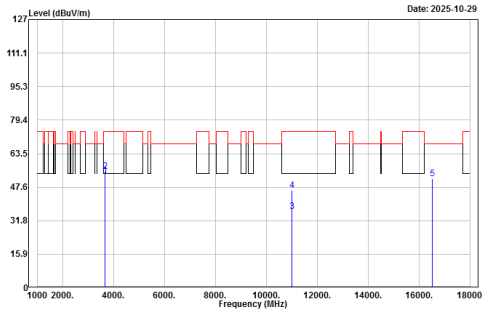
5500 MHz Horizontal



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

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

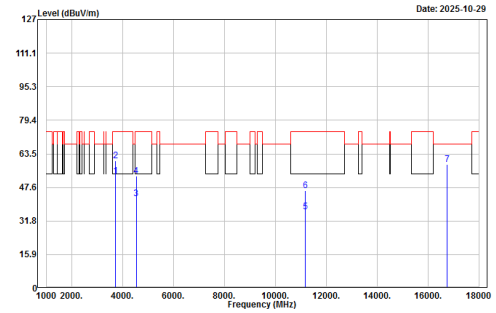
5500 MHz Vertical



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

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

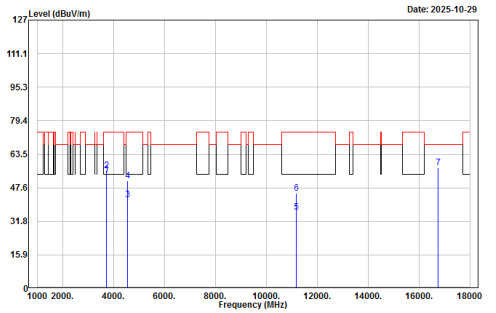
5580 MHz Horizontal



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

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

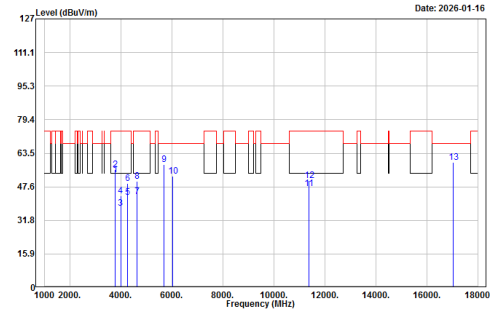
5580 MHz Vertical



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

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

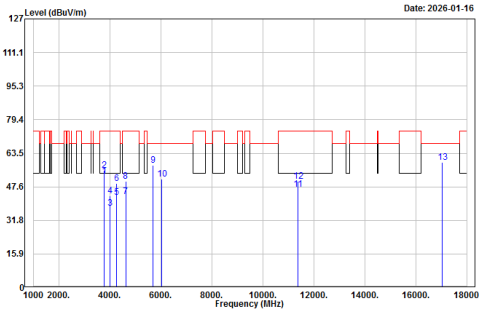
5680 MHz Horizontal



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

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

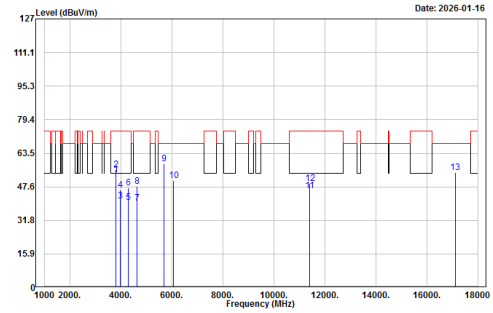
5680 MHz Vertical



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

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

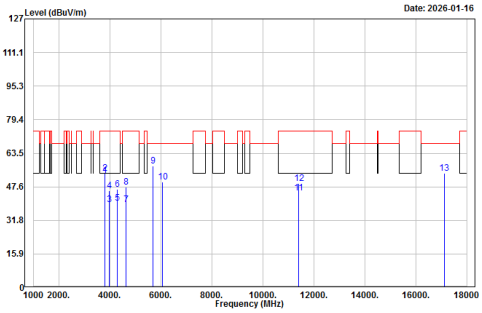
5700 MHz Horizontal



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

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

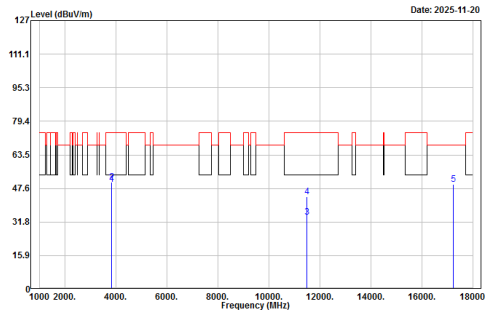
5700 MHz Vertical



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

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

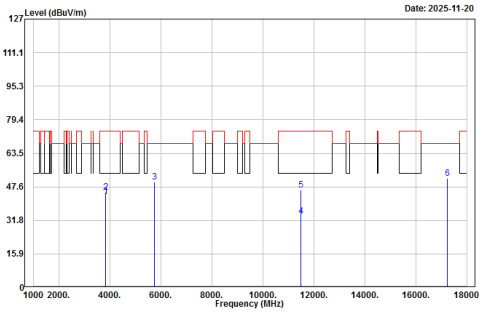
5745 MHz Horizontal



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

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

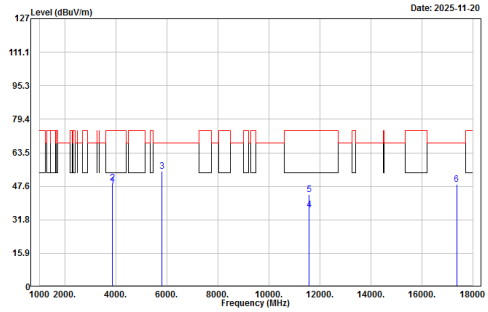
5745 MHz Vertical



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

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

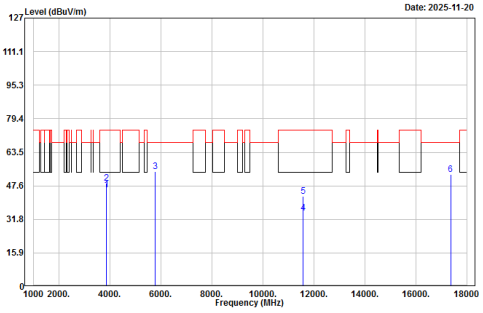
5785 MHz Horizontal



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

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

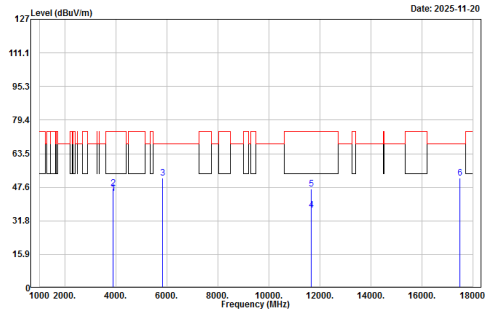
5785 MHz Vertical



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

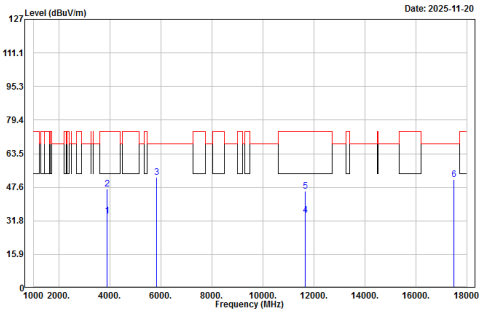
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	47.89	-2.13	45.76	54.00	-8.24	Average
2	3856.567	51.09	-2.13	48.96	74.00	-25.04	Peak
3	5783.233	53.02	1.52	54.54	68.20	-13.66	Peak
4	11570.000	24.63	10.24	34.87	54.00	-19.13	Average
5	11570.000	32.31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

5825 MHz Horizontal	5825 MHz Vertical



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

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



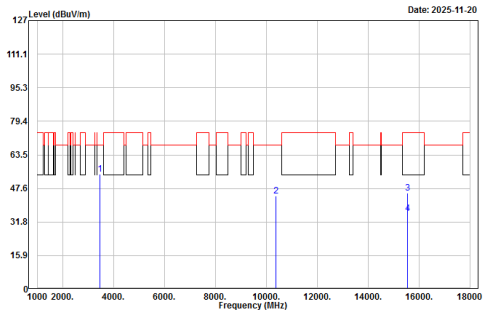
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

IEEE 802.11n 20 Mode

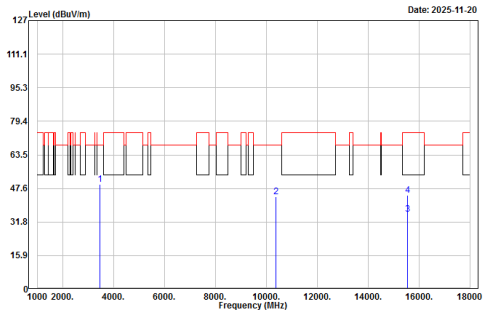
5180 MHz Horizontal



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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	59.11	-4.62	54.49	68.20	-13.71	Peak
2	10360.000	33.16	10.85	44.01	68.20	-24.19	Peak
3	15540.000	32.50	12.89	45.39	74.00	-28.61	Peak
4	15540.100	23.02	12.89	35.91	54.00	-18.09	Average

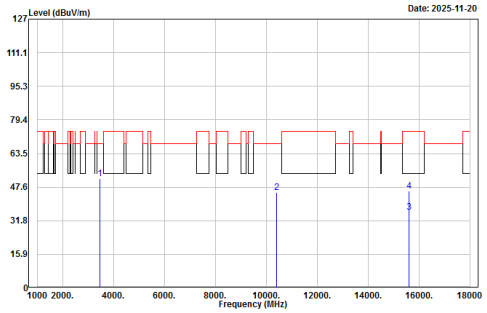
5180MHz Vertical



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

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

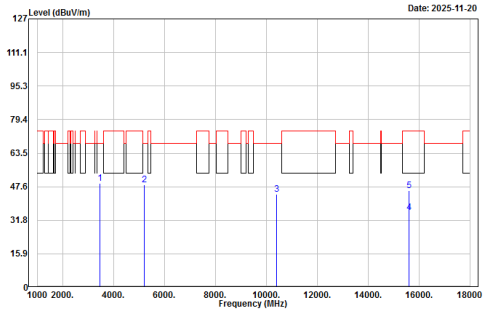
5200 MHz Horizontal



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

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

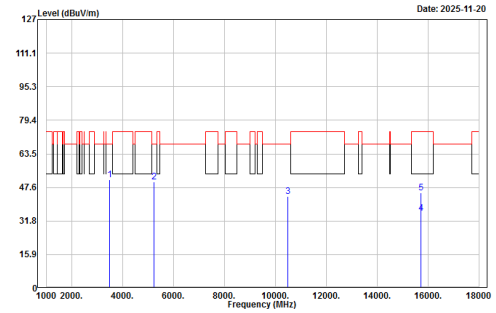
5200 MHz Vertical



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

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

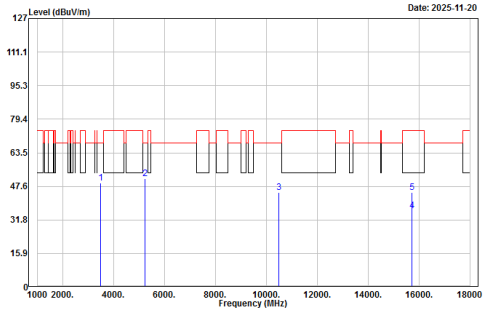
5240 MHz Horizontal



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

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

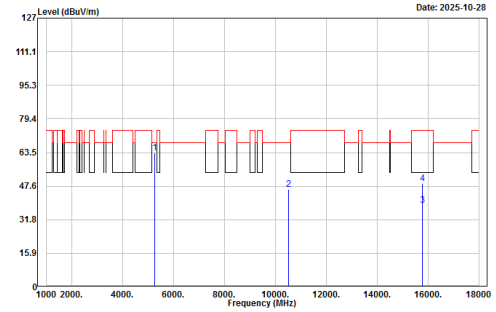
5240 MHz Vertical



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

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

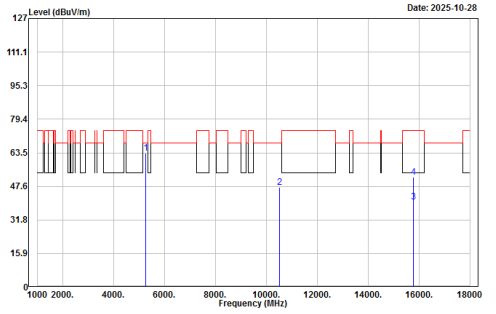
5260 MHz Horizontal



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

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

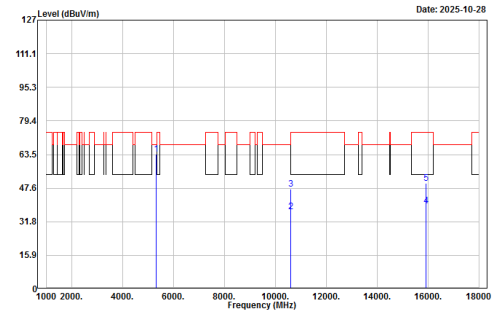
5260 MHz Vertical



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

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

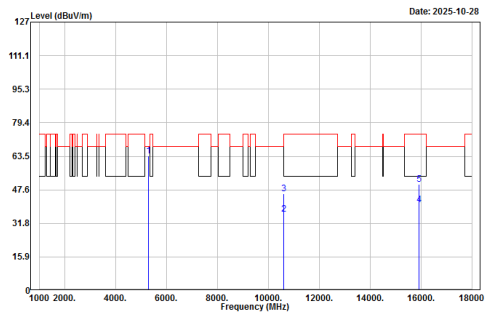
5300 MHz Horizontal



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

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

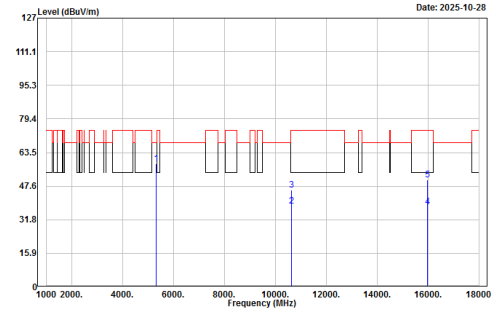
5300 MHz Vertical



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

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

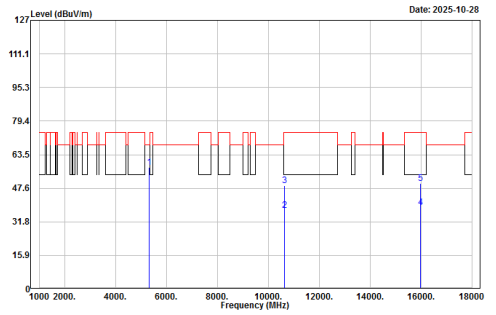
5320 MHz Horizontal



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

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

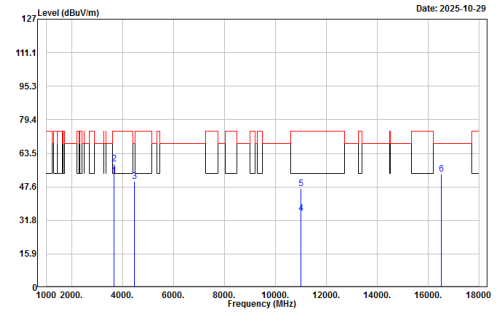
5320 MHz Vertical



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

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

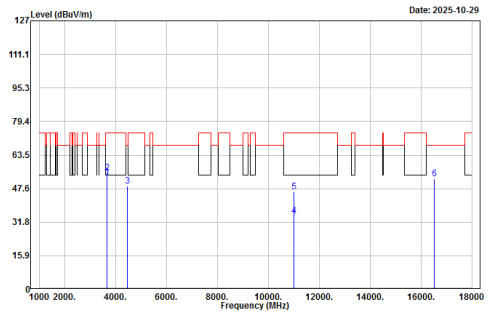
5500 MHz Horizontal



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

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

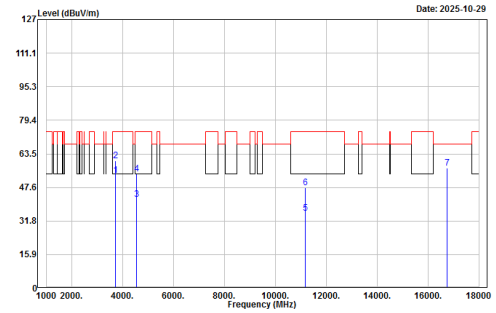
5500 MHz Vertical



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

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

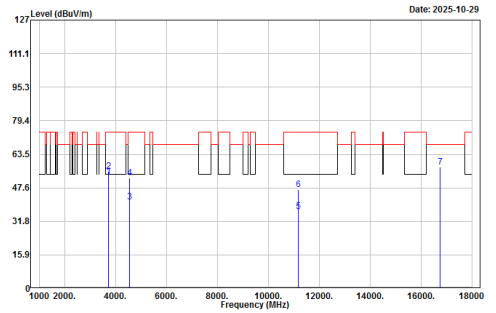
5580 MHz Horizontal



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

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

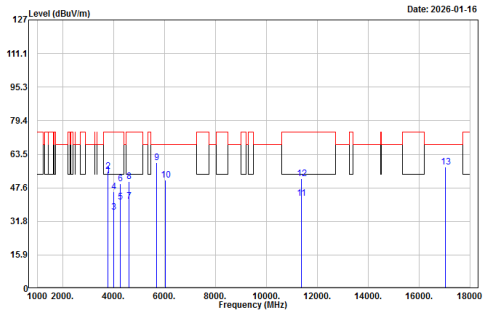
5580 MHz Vertical



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

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

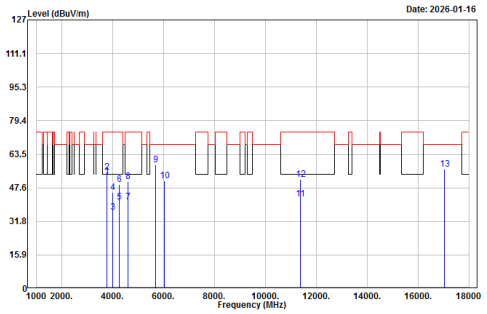
5680 MHz Horizontal



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

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

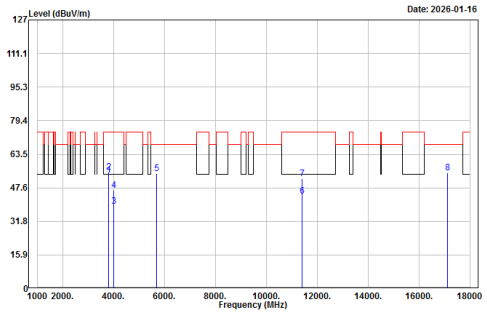
5680 MHz Vertical



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

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

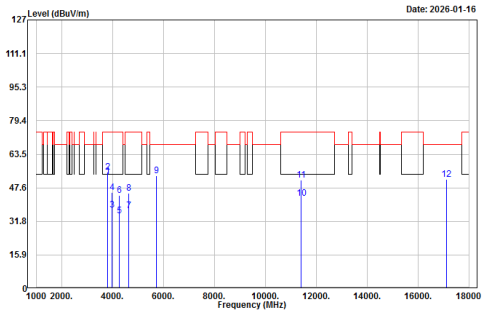
5700 MHz Horizontal



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

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

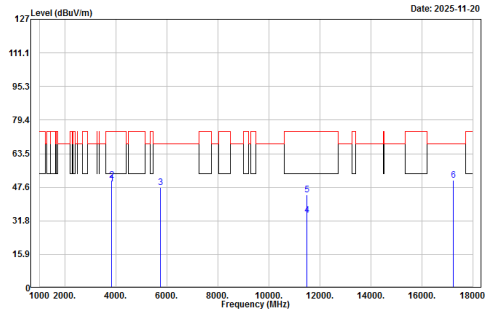
5700 MHz Vertical



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

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

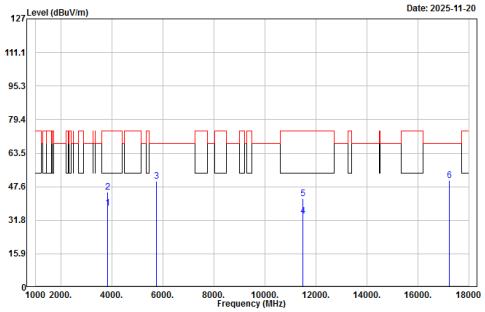
5745 MHz Horizontal



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

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

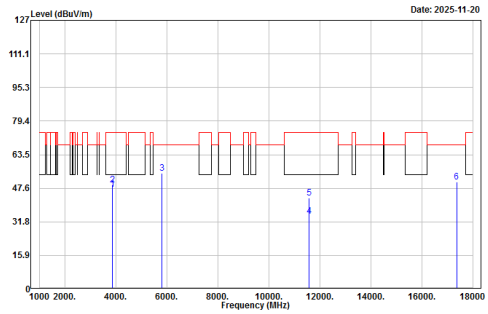
5745 MHz Vertical



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

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

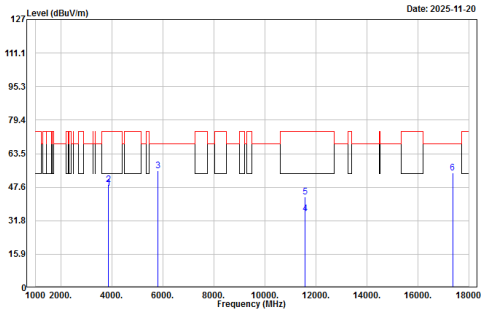
5785 MHz Horizontal



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

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

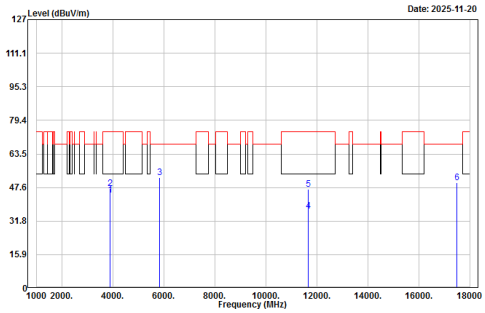
5785 MHz Vertical



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

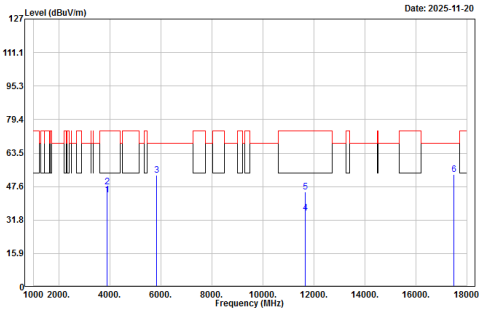
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	49.25	-2.13	47.12	54.00	-6.88	Average
2	3856.567	50.89	-2.13	48.76	74.00	-25.24	Peak
3	5788.333	53.75	1.54	55.29	68.20	-12.91	Peak
4	11570.000	24.96	10.24	35.20	54.00	-18.80	Average
5	11570.000	32.87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

5825 MHz Horizontal	5825 MHz Vertical



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

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



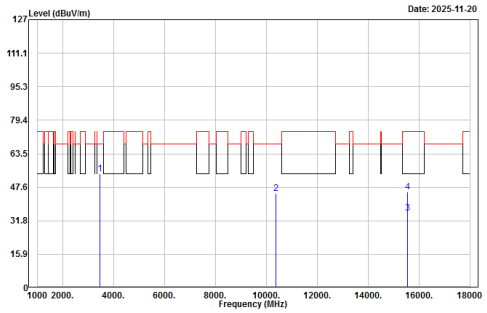
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/5K

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

IEEE 802.11 ac 20

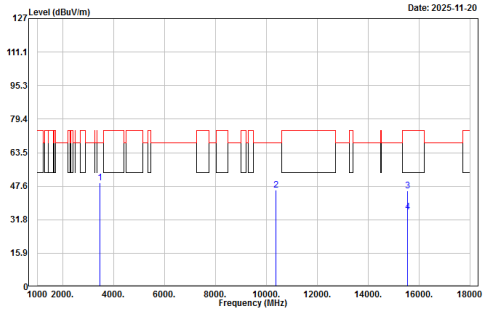
5180 MHz Horizontal



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

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

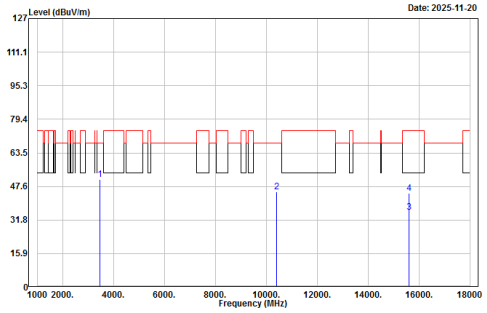
5180 MHz Vertical



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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	53.80	-4.62	49.18	68.20	-19.02	Peak
2	10360.000	34.79	10.85	45.64	68.20	-22.56	Peak
3	15540.000	32.56	12.89	45.45	74.00	-28.55	Peak
4	15540.100	22.47	12.89	35.36	54.00	-18.64	Average

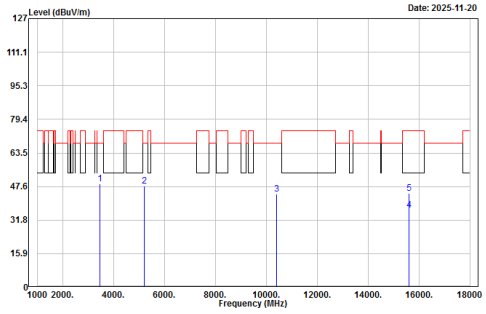
5200 MHz Horizontal



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

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

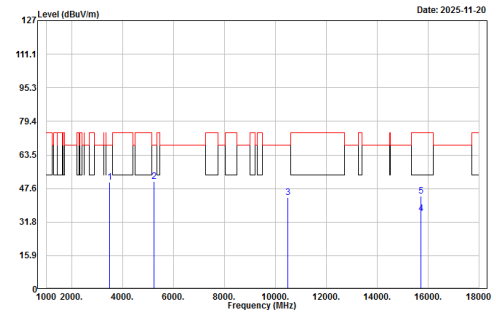
5200 MHz Vertical



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

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

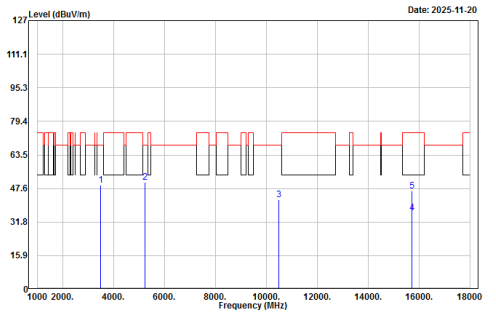
5240 MHz Horizontal



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

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

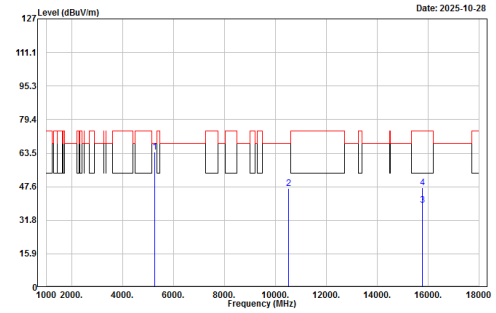
5240 MHz Vertical



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

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

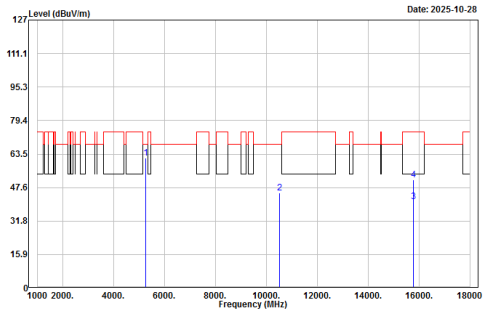
5260 MHz Horizontal



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

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

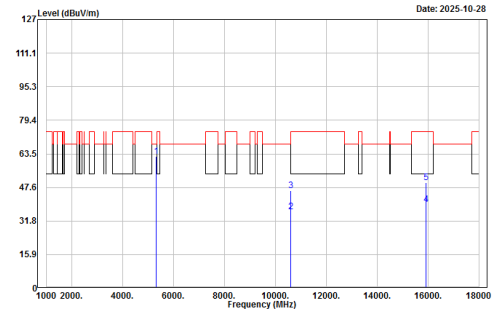
5260 MHz Vertical



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

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

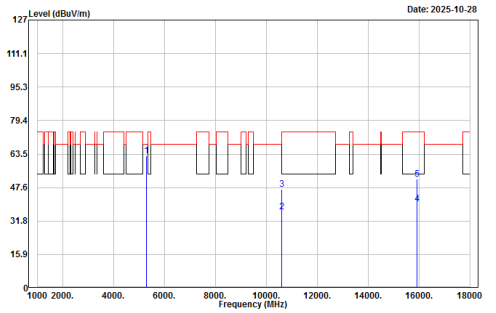
5300 MHz Horizontal



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

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

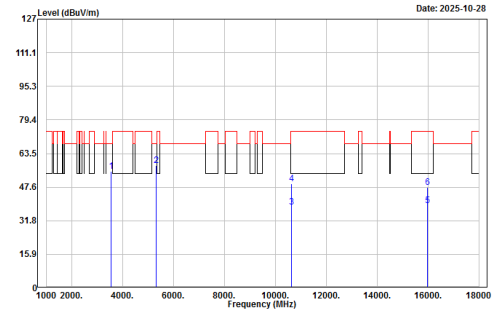
5300 MHz Vertical



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

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

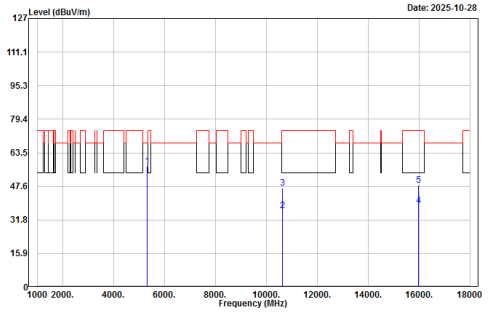
5320 MHz Horizontal



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

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

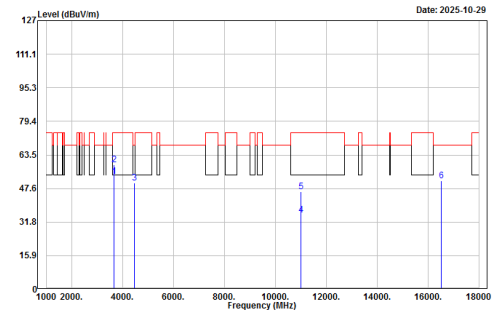
5320 MHz Vertical



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

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

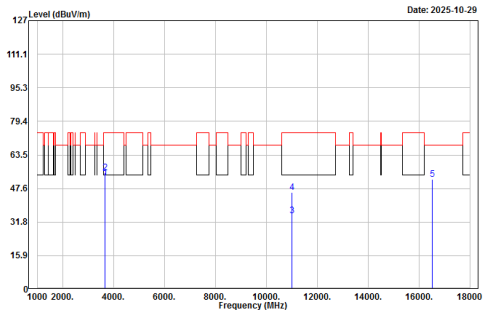
5500 MHz Horizontal



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

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

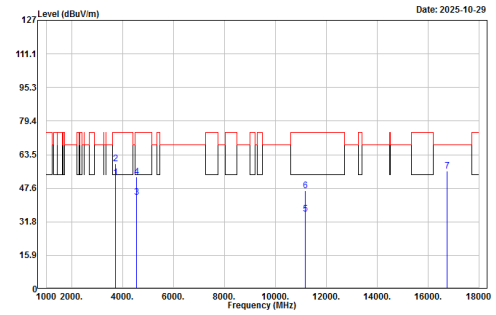
5500 MHz Vertical



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

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

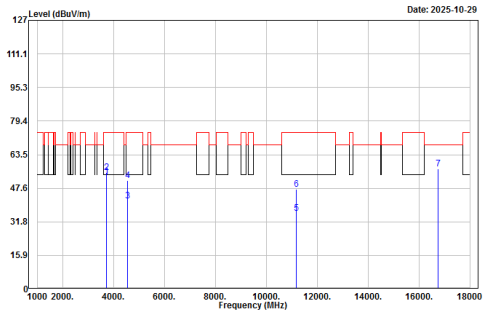
5580 MHz Horizontal



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

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

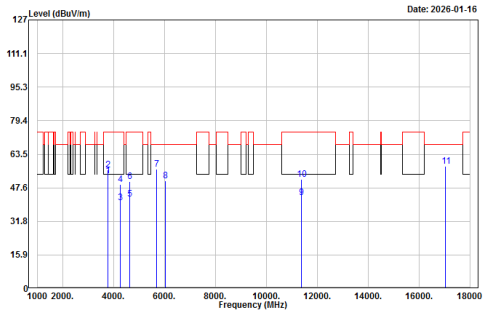
5580 MHz Vertical



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

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

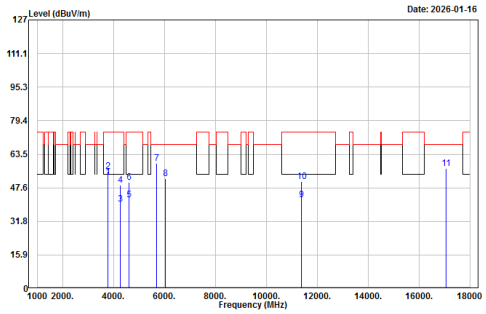
5680 MHz Horizontal



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

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

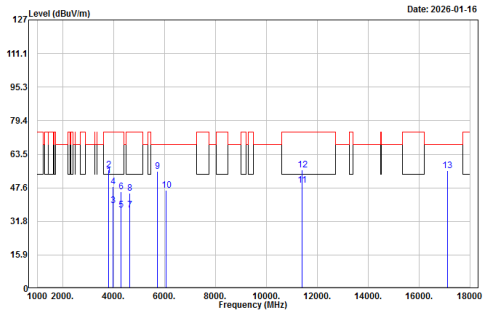
5680 MHz Vertical



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

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

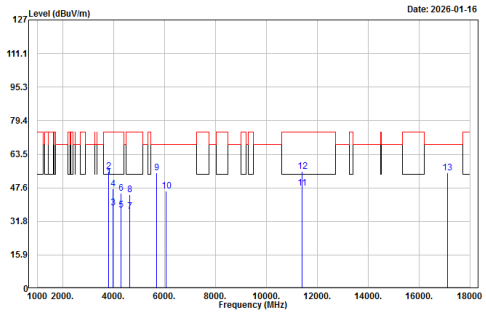
5700 MHz Horizontal



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

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

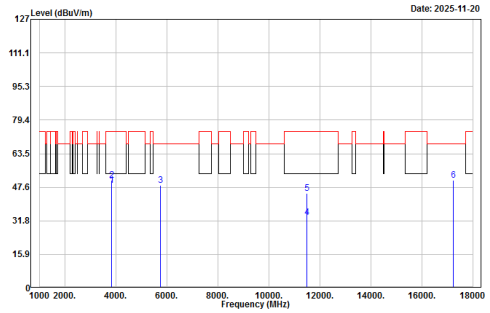
5700 MHz Vertical



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

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

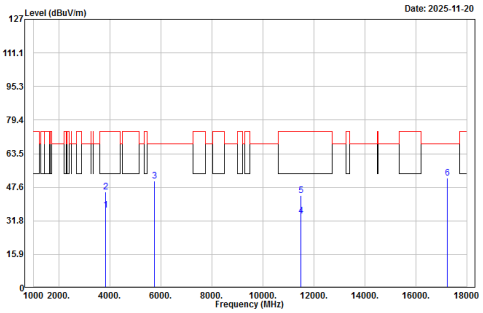
5745 MHz Horizontal



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

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

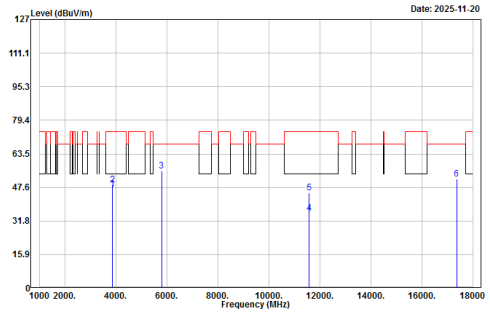
5745 MHz Vertical



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

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

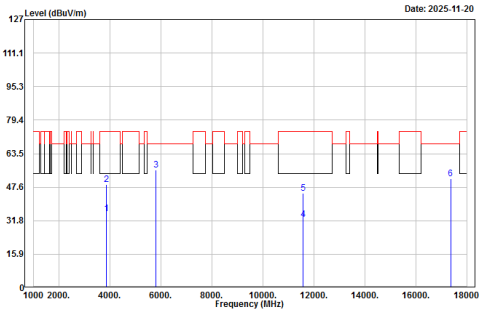
5785 MHz Horizontal



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

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

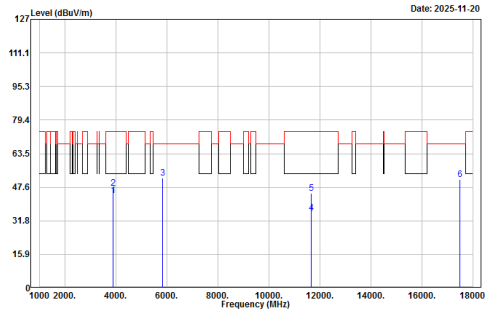
5785 MHz Vertical



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

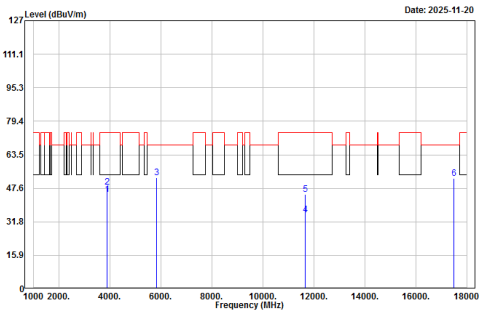
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.000	37.33	-2.15	35.18	54.00	-18.82	Average
2	3856.000	51.02	-2.15	48.87	74.00	-25.13	Peak
3	5788.333	54.38	1.54	55.92	68.20	-12.28	Peak
4	11570.000	22.18	10.24	32.42	54.00	-21.58	Average
5	11570.000	34.51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

5825 MHz Horizontal	5825 MHz Vertical



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

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



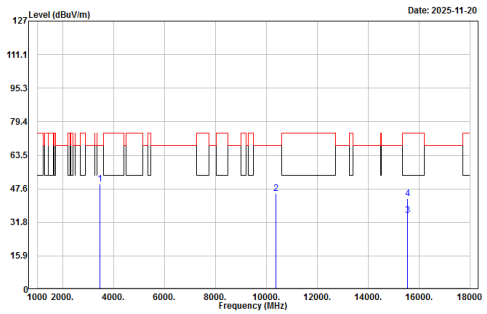
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5825
RBW/VBW : PK: 1M/3M; AV: 1M/3K

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

IEEE 802.11 ax 20

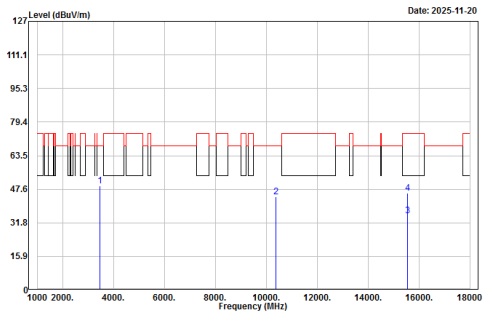
5180 MHz Horizontal



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

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

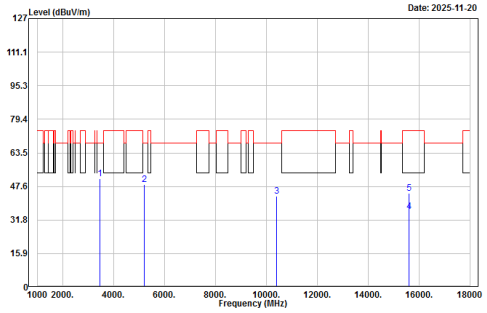
5180 MHz Vertical



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

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

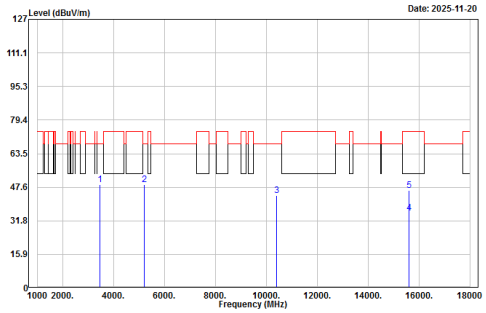
5200 MHz Horizontal



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

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

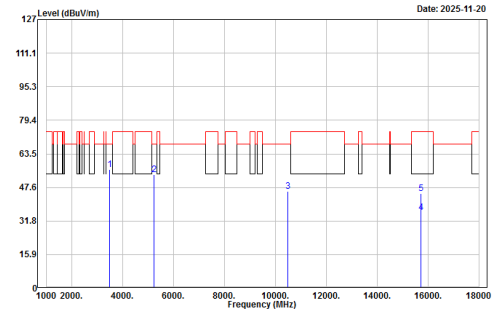
5200 MHz Vertical



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

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

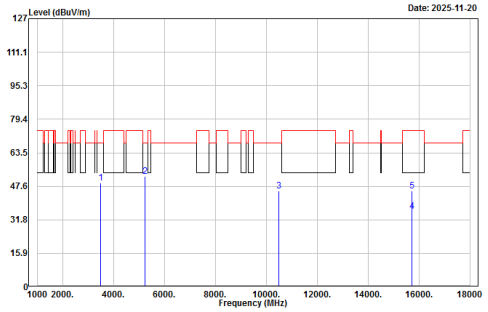
5240 MHz Horizontal



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

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

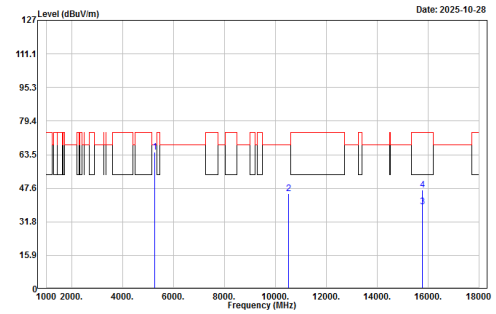
5240 MHz Vertical



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

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

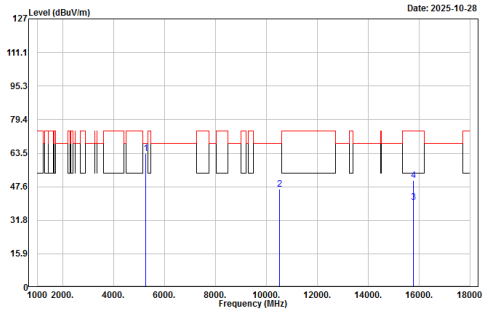
5260 MHz Horizontal



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

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

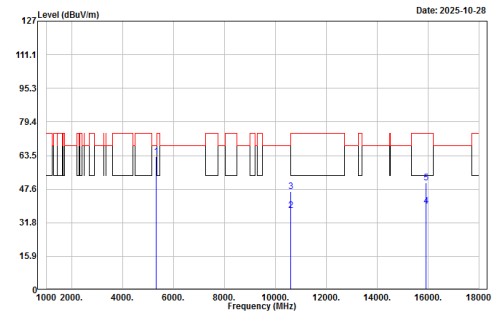
5260 MHz Vertical



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

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

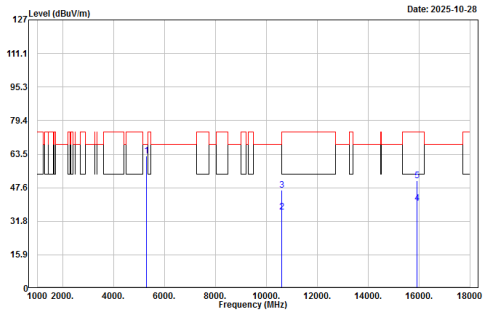
5300 MHz Horizontal



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

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

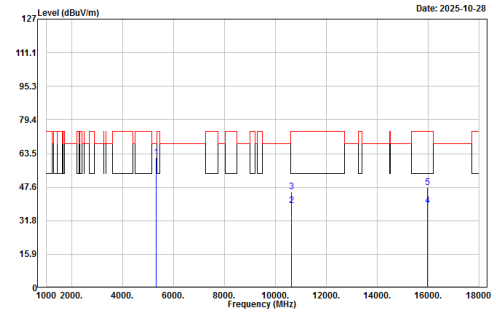
5300 MHz Vertical



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

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

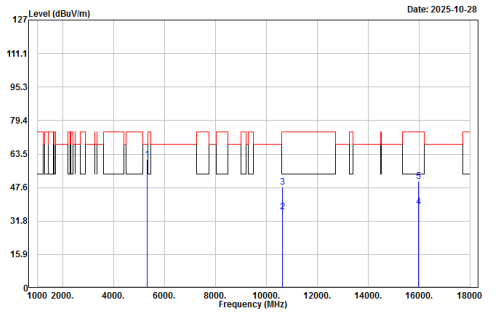
5320 MHz Horizontal



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

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

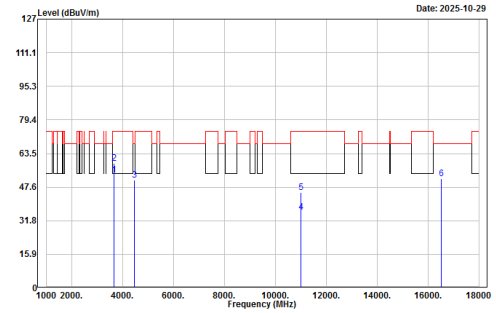
5320 MHz Vertical



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

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

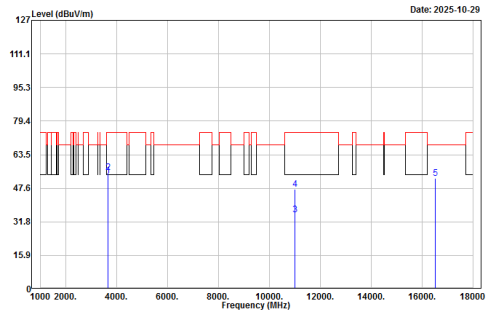
5500 MHz Horizontal



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

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

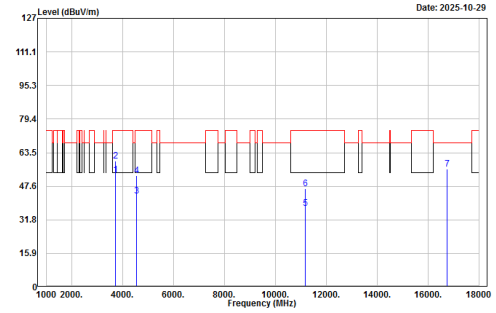
5500 MHz Vertical



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

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

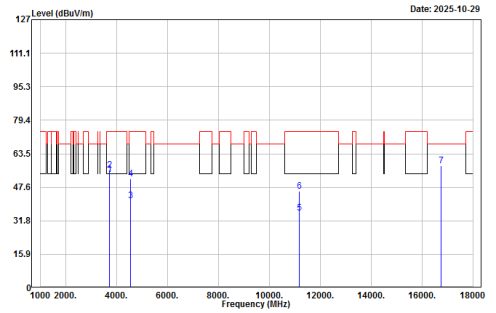
5580 MHz Horizontal



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

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

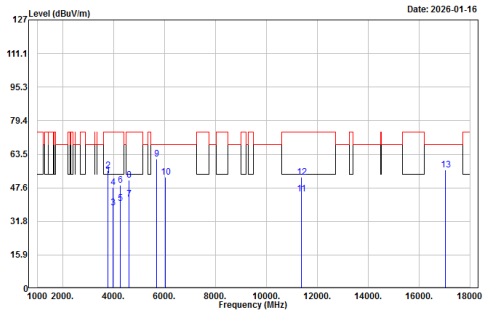
5580 MHz Vertical



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

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

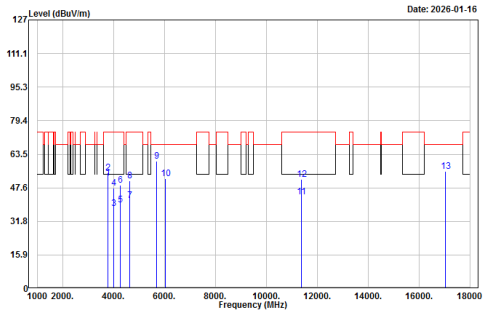
5680 MHz Horizontal



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

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

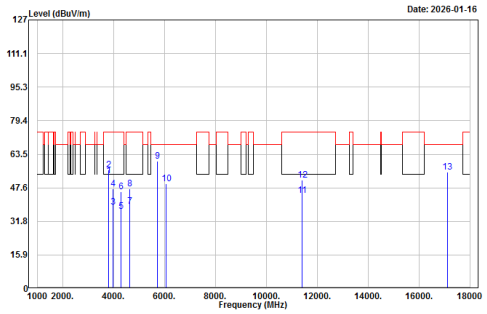
5680 MHz Vertical



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

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

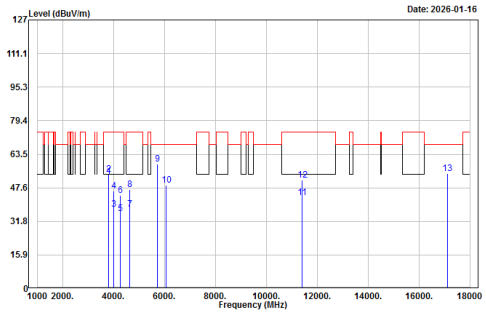
5700 MHz Horizontal



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

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

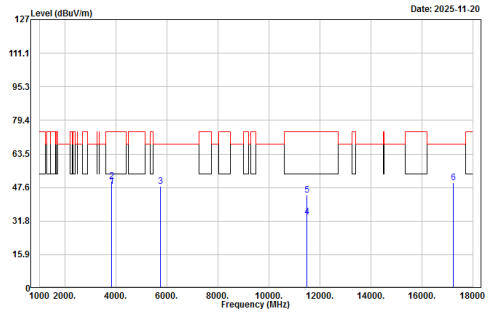
5700 MHz Vertical



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

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

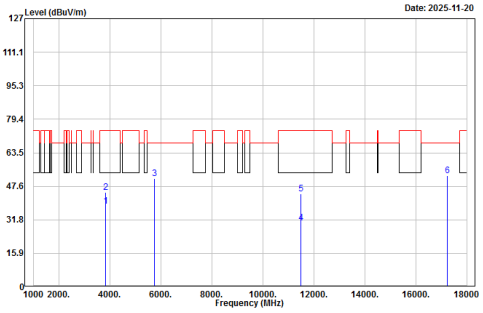
5745 MHz Horizontal



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

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

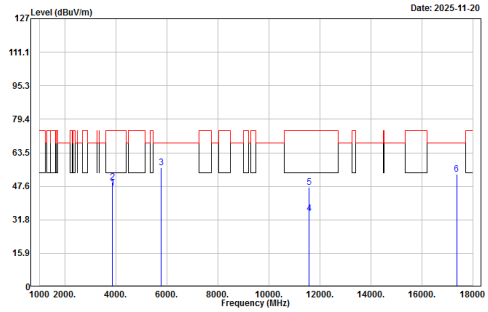
5745 MHz Vertical



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

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

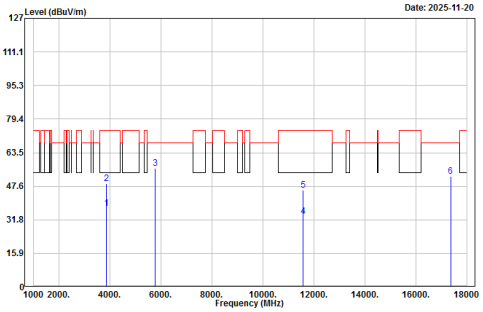
5785 MHz Horizontal



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

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

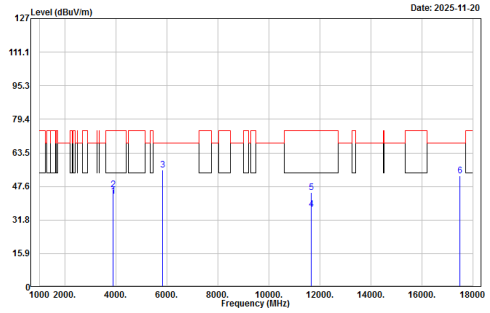
5785 MHz Vertical



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

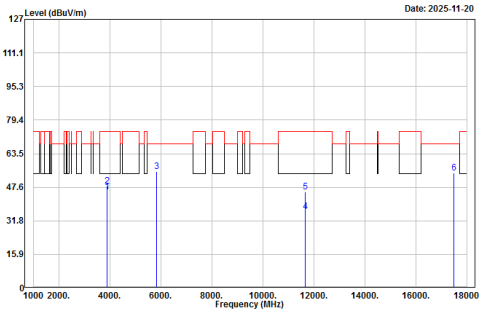
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	39.24	-2.13	37.11	54.00	-16.89	Average
2	3856.567	51.02	-2.13	48.89	74.00	-25.11	Peak
3	5785.500	54.57	1.52	56.09	68.20	-12.11	Peak
4	11570.000	23.22	10.24	33.46	54.00	-20.54	Average
5	11570.000	35.43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

5825 MHz Horizontal	5825 MHz Vertical



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

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



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

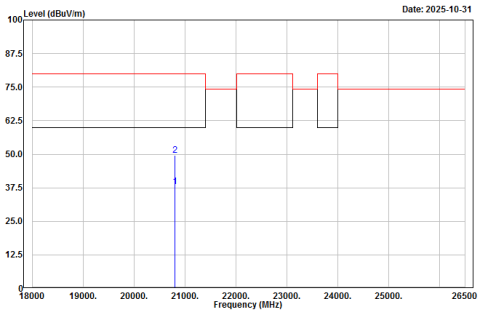
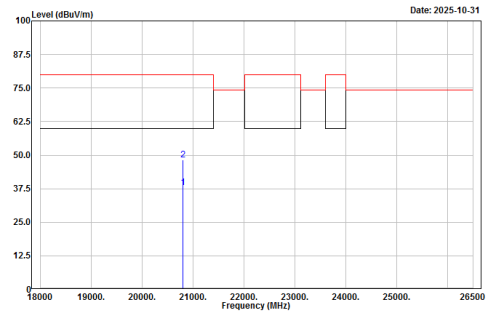
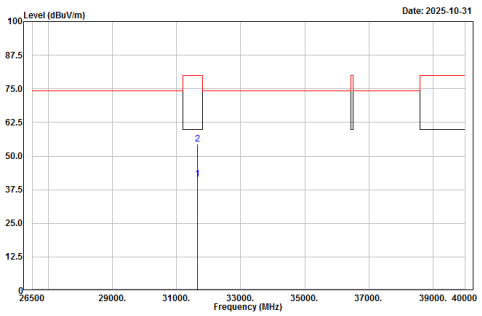
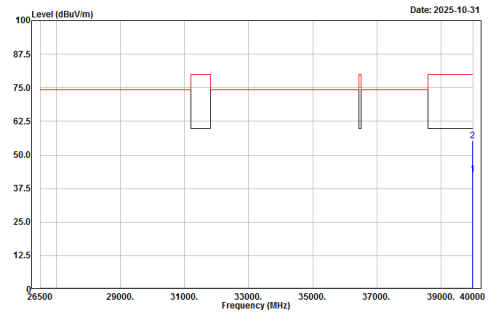
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	47.34	-2.00	45.34	54.00	-8.66	Average
2	3883.200	50.15	-2.00	48.15	74.00	-25.85	Peak
3	5828.000	53.42	1.58	55.00	68.20	-13.20	Peak
4	11650.000	25.24	10.74	35.98	54.00	-18.02	Average
5	11650.000	34.82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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

發射機其它不必要之訊號 (18GHz-40GHz)

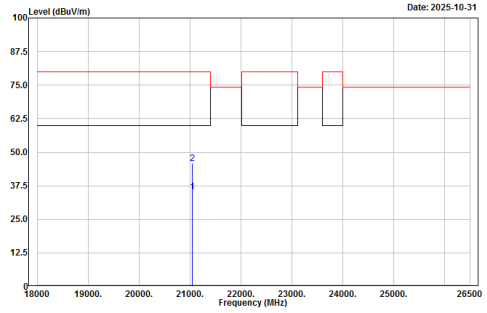
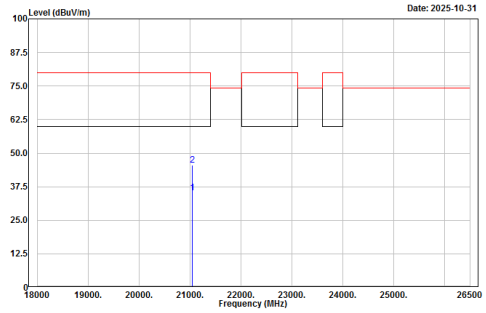
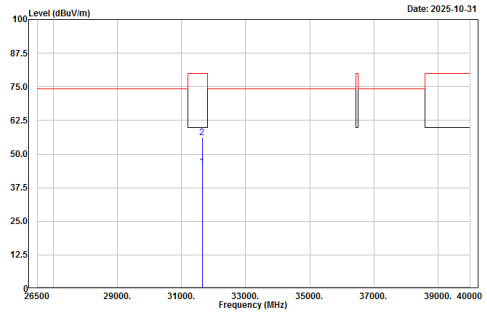
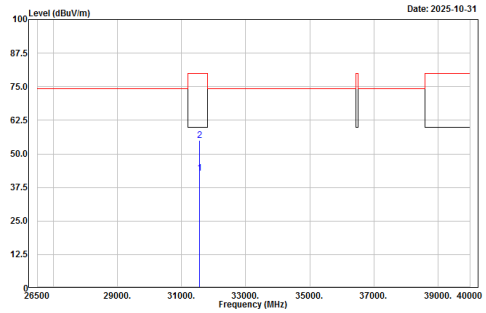
UNII-1 Band I

IEEE 802.11 n20 Mode

5200 MHz Horizontal 18G-26.5G	5200 MHz Vertical 18G-26.5G
 Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K Read Limit Over Freq Level Factor Level Line Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 20800.000 37.83 0.03 37.86 60.00 -22.14 Average 2 20800.000 49.63 0.03 49.66 80.00 -30.34 Peak	 Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K Read Limit Over Freq Level Factor Level Line Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 20800.000 37.96 0.03 37.99 60.00 -22.01 Average 2 20800.000 48.20 0.03 48.23 80.00 -31.77 Peak
5200 MHz Horizontal 26.5G-40G	5200 MHz Vertical 26.5G-40G
 Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K Read Limit Over Freq Level Factor Level Line Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 31641.250 32.38 9.15 41.53 60.00 -18.47 Average 2 31641.250 45.38 9.15 54.53 80.00 -25.47 Peak	 Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K Read Limit Over Freq Level Factor Level Line Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 39970.750 32.59 10.33 42.92 60.00 -17.08 Average 2 39970.750 44.99 10.33 55.32 80.00 -24.68 Peak

UNII-2A Band II

IEEE 802.11 ax 20 Mode

5260 MHz Horizontal 18G-26.5G	5260MHz Vertical 18G-26.5G
 Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-TX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 21040.000 35.05 0.17 35.22 60.00 -24.78 Average 2 21040.000 45.73 0.17 45.90 80.00 -34.10 Peak	 Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-TX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 21040.000 35.14 0.17 35.31 60.00 -24.69 Average 2 21040.000 45.28 0.17 45.45 80.00 -34.55 Peak
5260 MHz Horizontal 26.5G-40G	**5260 MHz Vertical 26.5G-40G**
 Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-TX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 31640.350 35.98 9.15 45.13 60.00 -14.87 Average 2 31640.350 46.98 9.15 56.13 80.00 -23.87 Peak	 Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-TX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 31555.750 33.60 9.32 42.92 60.00 -17.08 Average 2 31555.750 45.60 9.32 54.92 80.00 -25.08 Peak

Note:

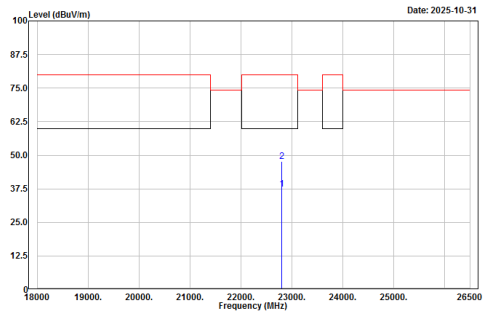
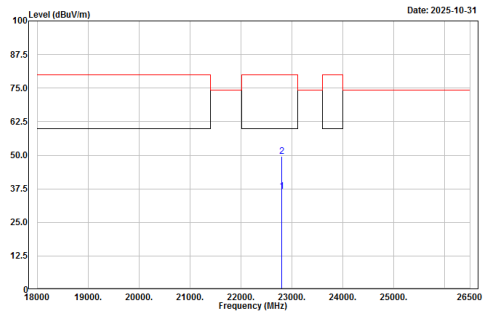
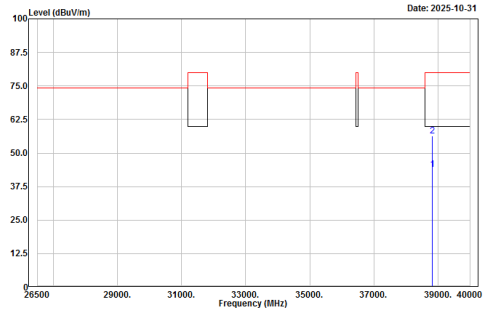
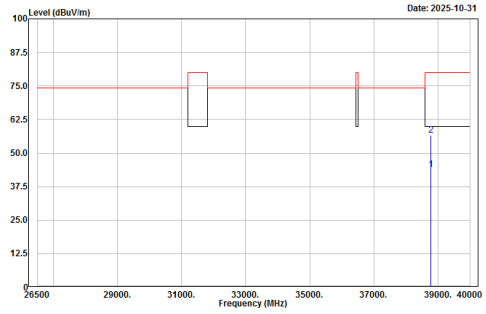
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

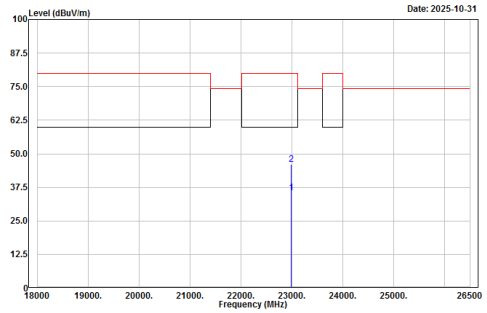
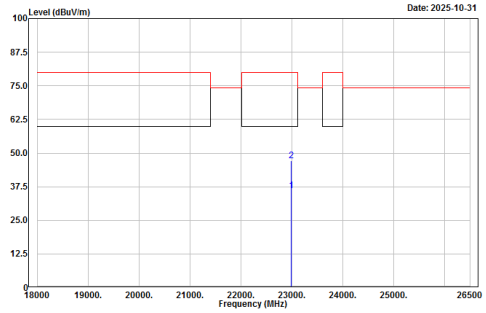
UNII-3 Band III

IEEE 802.11 n20 Mode

5500 MHz Horizontal 18G-26.5G	5500 MHz Vertical 18G-26.5G
 Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 22800.000 36.16 1.28 37.44 60.00 -22.56 Average 2 22800.000 46.44 1.28 47.72 80.00 -32.28 Peak	 Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 22800.000 35.28 1.28 36.56 60.00 -23.44 Average 2 22800.000 48.30 1.28 49.58 80.00 -30.42 Peak
5500 MHz Horizontal 26.5G-40G	5500 MHz Vertical 26.5G-40G
 Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 38817.400 33.89 10.03 43.92 60.00 -16.08 Average 2 38817.400 46.24 10.03 56.27 80.00 -23.73 Peak	 Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 38771.050 33.92 10.01 43.93 60.00 -16.07 Average 2 38771.050 46.54 10.01 56.55 80.00 -23.45 Peak

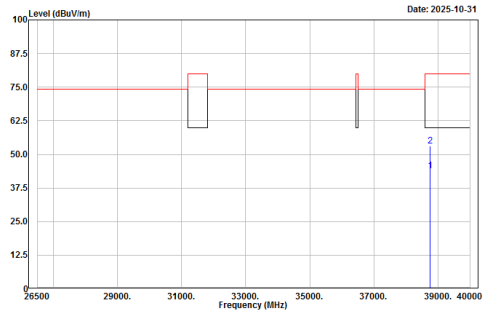
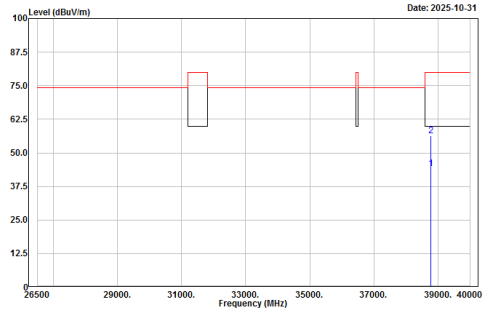
UNII-3 Band IV

IEEE 802.11 n20 Mode

5745 MHz Horizontal 18G-26.5G	5745 MHz Vertical 18G-26.5G
	
Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5785 RBW/VBW : PK: 1M/3M; AV: 1M/5K	Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5785 RBW/VBW : PK: 1M/3M; AV: 1M/5K

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

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

5745 MHz Horizontal 26.5G-40G	5745 MHz Vertical 26.5G-40G
	
Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5785 RBW/VBW : PK: 1M/3M; AV: 1M/5K	Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-TX-5785 RBW/VBW : PK: 1M/3M; AV: 1M/5K

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

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

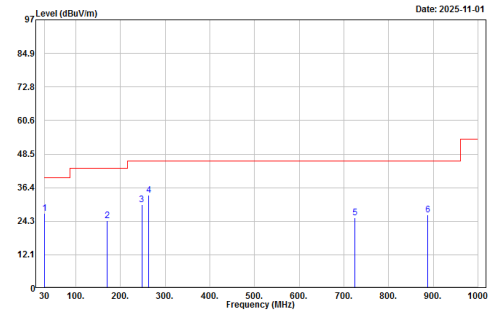
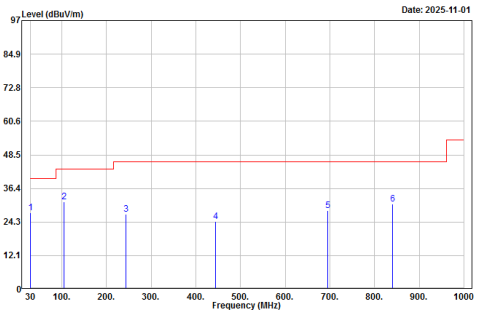
Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

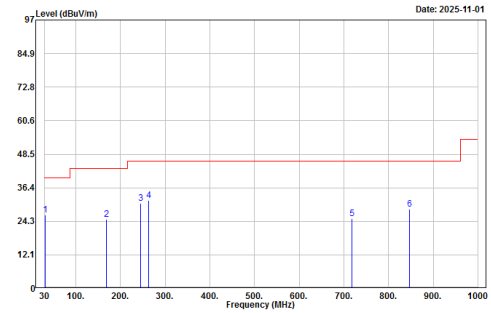
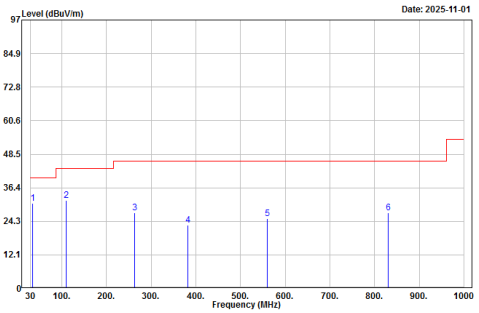
Factor = Antenna Factor + Cable Loss – Amplifier Gain

接收機其它不必要之訊號(1GHz 以下)

UNII-1 Band I Horizontal 30M-1G	UNII-1 Band I Vertical 30M-1G
	
Site : LK-966A Condition: 3m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 45% Memo : N20-RX-5200 RBW/VBW : QP: 120K/500K	Site : LK-966A Condition: 3m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 45% Memo : N20-RX-5200 RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.194	35.81	-8.64	27.17	40.00	-12.83	QP
2	170.844	45.15	-20.64	24.51	43.50	-18.99	QP
3	247.765	51.63	-21.38	30.25	46.00	-15.75	QP
4	263.382	53.98	-20.45	33.53	46.00	-12.47	QP
5	723.841	37.01	-11.44	25.57	46.00	-20.43	QP
6	886.704	36.26	-9.59	26.67	46.00	-19.33	QP

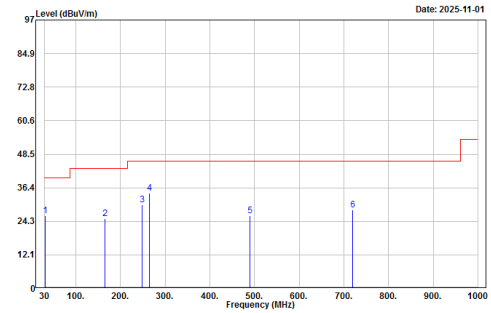
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.679	36.45	-8.77	27.68	40.00	-12.32	QP
2	105.369	51.76	-20.15	31.61	43.50	-11.89	QP
3	244.176	48.38	-21.32	27.06	46.00	-18.94	QP
4	444.093	40.50	-16.07	24.43	46.00	-21.57	QP
5	695.323	40.35	-12.06	28.29	46.00	-17.71	QP
6	839.756	40.54	-9.91	30.63	46.00	-15.37	QP

UNII-2A Band II Horizontal 30M-1G	UNII-2A Band II Vertical 30M-1G
	
Site : LK-966A Condition: 3m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 45% Memo : AX20-RX-5260 RBW/VBW : QP: 120K/500K	Site : LK-966A Condition: 3m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 45% Memo : AX20-RX-5260 RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.067	35.58	-8.93	26.65	40.00	-13.35	QP
2	169.001	45.58	-20.61	24.97	43.50	-18.53	QP
3	246.019	52.04	-21.33	30.71	46.00	-15.29	QP
4	263.867	52.25	-20.37	31.88	46.00	-14.12	QP
5	718.409	36.77	-11.43	25.34	46.00	-20.66	QP
6	845.964	38.71	-9.94	28.77	46.00	-17.23	QP

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	34.753	42.60	-11.93	30.67	40.00	-9.33	QP
2	110.122	50.98	-19.23	31.75	43.50	-11.75	QP
3	263.964	47.76	-20.36	27.40	46.00	-18.60	QP
4	382.789	41.10	-18.15	22.95	46.00	-23.05	QP
5	559.329	39.54	-14.20	25.34	46.00	-20.66	QP
6	830.444	37.49	-10.05	27.44	46.00	-18.56	QP

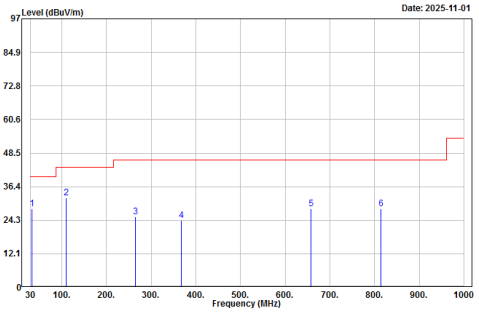
UNII-3 Band III Horizontal 30M-1G



Site : LK-966A
Condition: 3m horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-RX-5700
RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.164	35.18	-9.02	26.16	40.00	-13.84	QP
2	166.091	45.60	-20.39	25.21	43.50	-18.29	QP
3	247.862	51.68	-21.38	30.30	46.00	-15.70	QP
4	264.643	54.77	-20.26	34.51	46.00	-11.49	QP
5	489.392	41.39	-15.04	26.35	46.00	-19.65	QP
6	720.058	39.72	-11.36	28.36	46.00	-17.64	QP

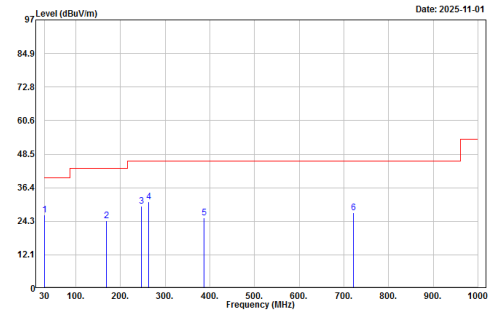
UNII-3 Band III Vertical 30M-1G



Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-RX-5700
RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	33.977	39.80	-11.42	28.38	40.00	-11.62	QP
2	109.831	51.61	-19.24	32.37	43.50	-11.13	QP
3	264.352	45.88	-20.30	25.58	46.00	-20.42	QP
4	366.881	42.76	-18.46	24.30	46.00	-21.70	QP
5	657.493	40.97	-12.48	28.49	46.00	-17.51	QP
6	813.469	38.52	-10.20	28.32	46.00	-17.68	QP

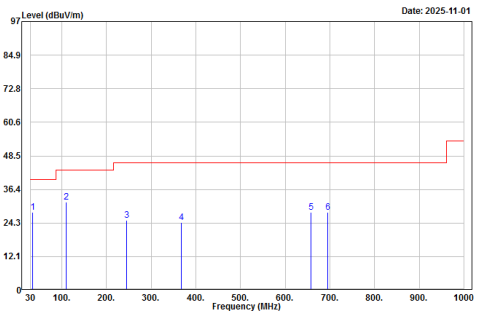
UNII-3 Band IV Horizontal 30M-1G



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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.873	35.31	-8.81	26.50	40.00	-13.50	QP
2	168.807	45.15	-20.58	24.57	43.50	-18.93	QP
3	247.668	51.14	-21.37	29.77	46.00	-16.23	QP
4	263.964	51.73	-20.36	31.37	46.00	-14.63	QP
5	387.542	43.53	-18.01	25.52	46.00	-20.48	QP
6	721.416	38.65	-11.39	27.26	46.00	-18.74	QP

UNII-3 Band IV Vertical 30M-1G



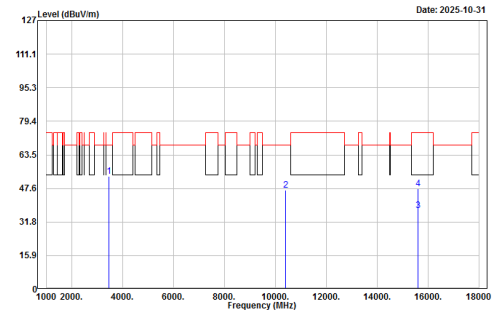
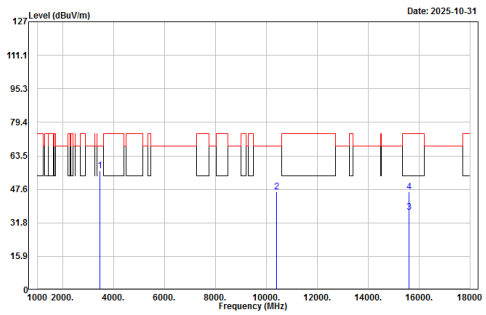
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 45%
Memo : N20-RX-5785
RBW/VBW : QP: 120K/500K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	34.559	39.92	-11.81	28.11	40.00	-11.89	QP
2	109.928	51.09	-19.22	31.87	43.50	-11.63	QP
3	245.049	46.62	-21.30	25.32	46.00	-20.68	QP
4	367.269	42.94	-18.45	24.49	46.00	-21.51	QP
5	657.493	40.48	-12.48	28.00	46.00	-18.00	QP
6	695.323	40.20	-12.06	28.14	46.00	-17.86	QP

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

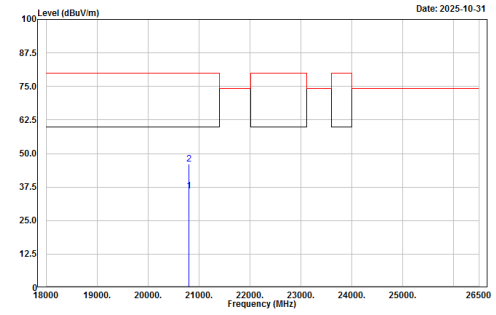
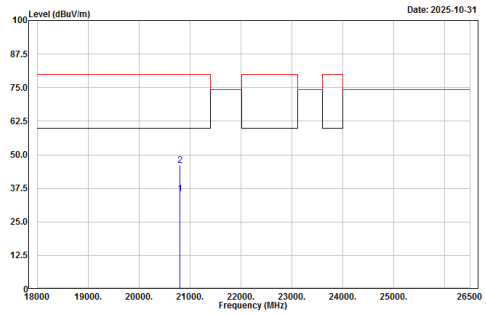
接收機其它不必要之訊號 (1GHz 以上)

UNII-1 Band I

Horizontal (1GHz-18GHz)	Vertical (1GHz-18GHz)
	
Site : LK-966A Condition: 3m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K	Site : LK-966A Condition: 3m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K

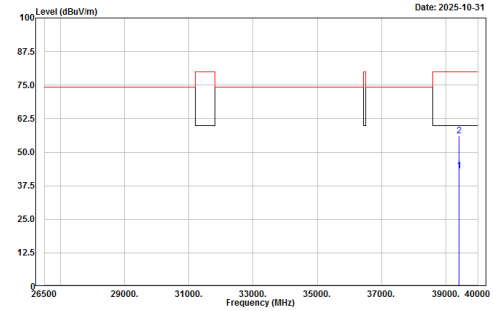
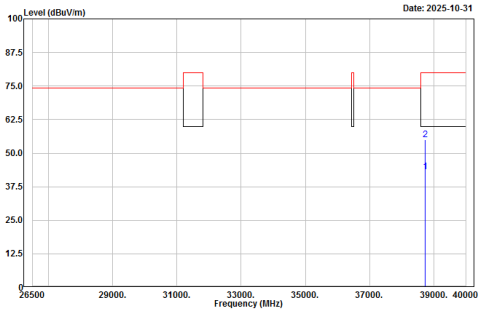
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	57.39	-3.93	53.46	68.20	-14.74	Peak
2	10400.000	36.29	10.48	46.77	68.20	-21.43	Peak
3	15600.000	25.16	12.07	37.23	54.00	-16.77	Average
4	15600.000	35.59	12.07	47.66	74.00	-26.34	Peak

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	60.46	-3.93	56.53	68.20	-11.67	Peak
2	10400.000	35.90	10.48	46.38	68.20	-21.82	Peak
3	15600.000	24.88	12.07	36.95	54.00	-17.05	Average
4	15600.000	34.23	12.07	46.30	74.00	-27.70	Peak

Horizontal (18GHz – 26.5GHz)	Vertical (18GHz – 26.5GHz)
	
Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K	Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5200 RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	20800.000	36.07	0.03	36.10	60.00	-23.90	Average
2	20800.000	45.99	0.03	46.02	80.00	-33.98	Peak

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	20800.000	35.56	0.03	35.59	60.00	-24.41	Average
2	20800.000	45.92	0.03	45.95	80.00	-34.05	Peak

Horizontal (26.5GHz – 40GHz)	Vertical (26.5GHz – 40GHz)
	

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39402.850	33.95	9.03	42.98	60.00	-17.02	Average
2	39402.850	46.95	9.03	55.98	80.00	-24.02	Peak

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38731.900	33.08	10.00	43.08	60.00	-16.92	Average
2	38731.900	45.08	10.00	55.08	80.00	-24.92	Peak

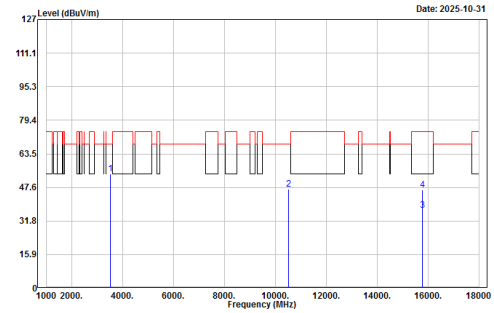
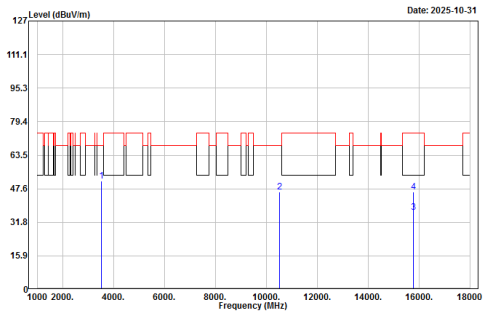
Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

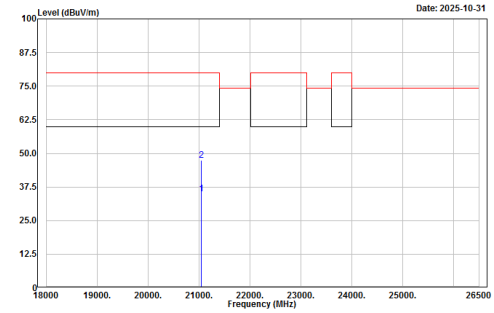
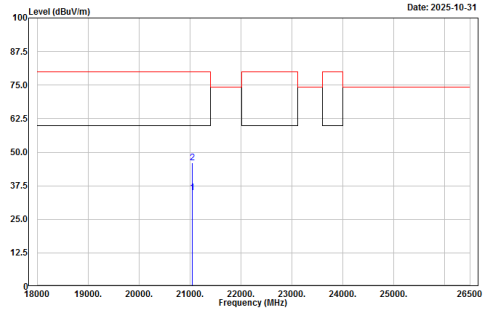
Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-2A Band II

Horizontal (1GHz-18GHz)	Vertical (1GHz-18GHz)
	
Site : LK-966A Condition: 3m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-RX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K	Site : LK-966A Condition: 3m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-RX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	57.93	-3.96	53.97	68.20	-14.23	Peak
2	10520.000	36.17	10.76	46.93	68.20	-21.27	Peak
3	15780.000	24.96	11.75	36.71	54.00	-17.29	Average
4	15780.000	34.70	11.75	46.45	74.00	-27.55	Peak

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.933	55.08	-3.96	51.12	68.20	-17.08	Peak
2	10520.000	35.33	10.76	46.09	68.20	-22.11	Peak
3	15780.000	24.82	11.75	36.57	54.00	-17.43	Average
4	15780.000	34.44	11.75	46.19	74.00	-27.81	Peak

Horizontal (18GHz – 26.5GHz)	Vertical (18GHz – 26.5GHz)
	
Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-RX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K	Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : AX20-RX-5260 RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	21040.000	34.92	0.17	35.09	60.00	-24.91	Average
2	21040.000	47.19	0.17	47.36	80.00	-32.64	Peak

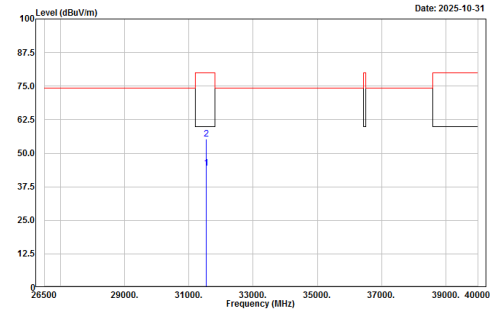
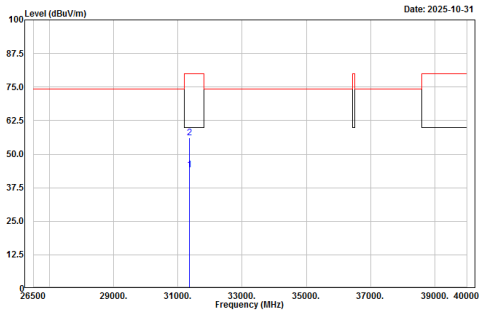
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	21040.000	34.77	0.17	34.94	60.00	-25.06	Average
2	21040.000	45.99	0.17	46.16	80.00	-33.84	Peak

Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

Horizontal (26.5GHz – 40GHz)	Vertical (26.5GHz – 40GHz)
	

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31547.200	34.99	9.33	44.32	60.00	-15.68	Average
2	31547.200	45.99	9.33	55.32	80.00	-24.68	Peak

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31352.350	34.26	9.80	44.06	60.00	-15.94	Average
2	31352.350	46.26	9.80	56.06	80.00	-23.94	Peak

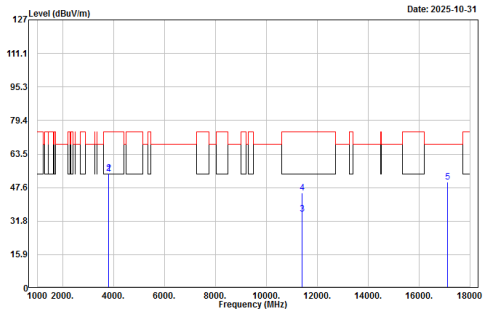
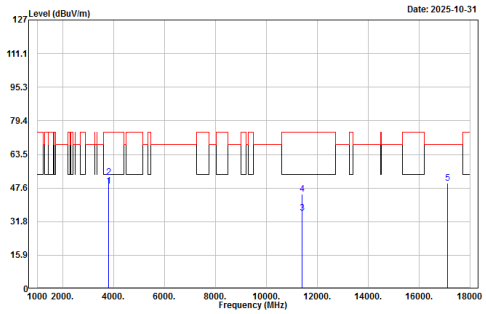
Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

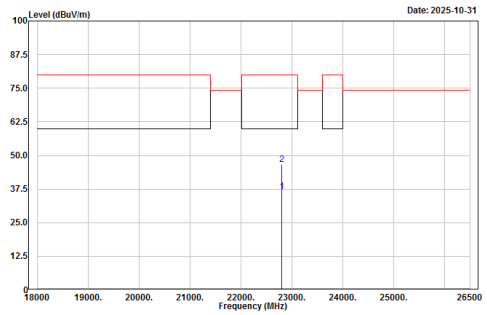
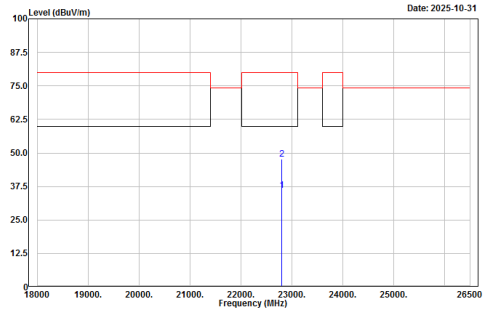
Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-2C Band III

Horizontal (1GHz-18GHz)	Vertical (1GHz-18GHz)
	
Site : LK-966A Condition: 3m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K	Site : LK-966A Condition: 3m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	56.22	-2.33	53.89	54.00	-0.11	Average
2	3799.900	56.87	-2.33	54.54	74.00	-19.46	Peak
3	11400.000	25.11	10.03	35.14	54.00	-18.86	Average
4	11400.000	35.04	10.03	45.07	74.00	-28.93	Peak
5	17100.000	33.87	16.43	50.30	68.20	-17.90	Peak

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	50.84	-2.33	48.51	54.00	-5.49	Average
2	3799.900	55.09	-2.33	52.76	74.00	-21.24	Peak
3	11400.000	25.65	10.03	35.68	54.00	-18.32	Average
4	11400.000	34.81	10.03	44.84	74.00	-29.16	Peak
5	17100.000	33.62	16.43	50.05	68.20	-18.15	Peak

Horizontal (18GHz – 26.5GHz)	Vertical (18GHz – 26.5GHz)
	
Site : LK-966A Condition: 1.5m horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K	Site : LK-966A Condition: 1.5m vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 48% Memo : N20-RX-5500 RBW/VBW : PK: 1M/3M; AV: 1M/5K

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22800.000	35.28	1.28	36.56	60.00	-23.44	Average
2	22800.000	45.27	1.28	46.55	80.00	-33.45	Peak

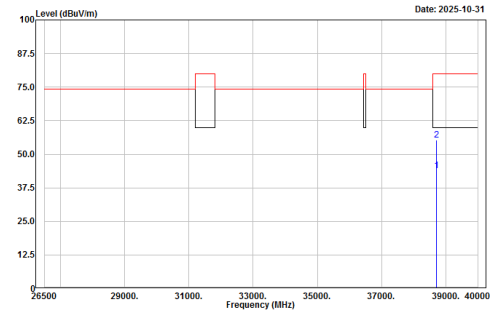
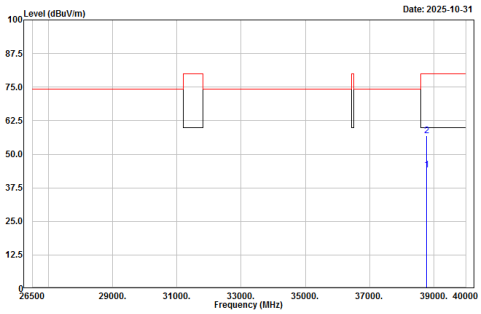
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22800.000	34.68	1.28	35.96	60.00	-24.04	Average
2	22800.000	46.29	1.28	47.57	80.00	-32.43	Peak

Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

Horizontal (26.5GHz – 40GHz)	Vertical (26.5GHz – 40GHz)
	

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38707.600	33.89	9.99	43.88	60.00	-16.12	Average
2	38707.600	45.40	9.99	55.39	80.00	-24.61	Peak

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38765.200	34.26	10.01	44.27	60.00	-15.73	Average
2	38765.200	46.81	10.01	56.82	80.00	-23.18	Peak

Note:

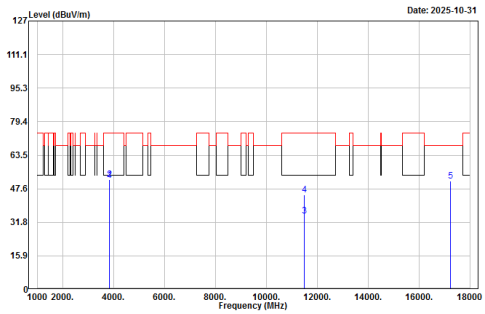
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-3 Band IV

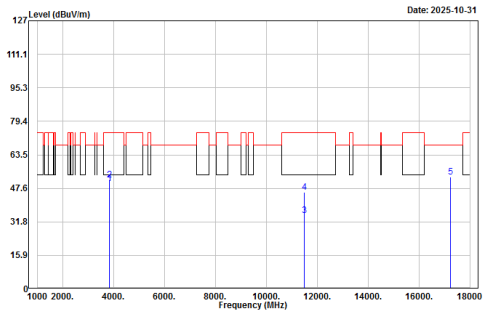
Horizontal (1GHz-18GHz)



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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	53.79	-2.24	51.55	54.00	-2.45	Average
2	3829.933	54.30	-2.24	52.06	74.00	-21.94	Peak
3	11490.000	24.79	9.82	34.61	54.00	-19.39	Average
4	11490.000	34.92	9.82	44.74	74.00	-29.26	Peak
5	17235.000	33.93	17.36	51.29	68.20	-16.91	Peak

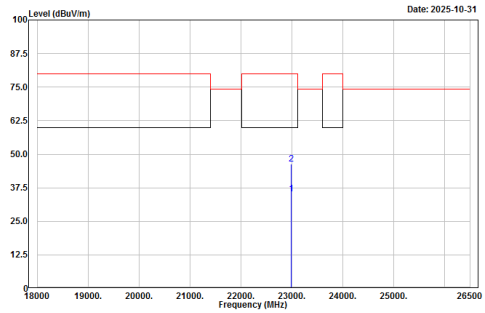
Vertical (1GHz-18GHz)



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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	52.31	-2.24	50.07	54.00	-3.93	Average
2	3829.933	53.84	-2.24	51.60	74.00	-22.40	Peak
3	11490.000	25.03	9.82	34.85	54.00	-19.15	Average
4	11490.000	35.93	9.82	45.75	74.00	-28.25	Peak
5	17235.000	35.47	17.36	52.83	68.20	-15.37	Peak

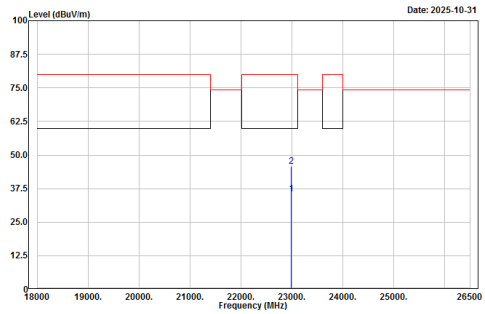
Horizontal (18GHz – 26.5GHz)



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

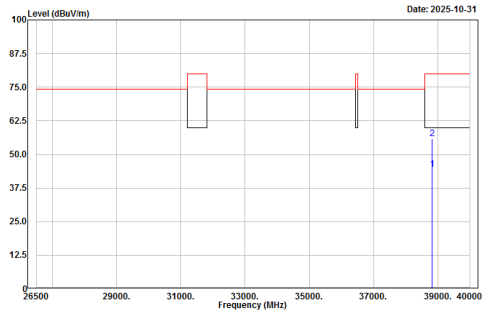
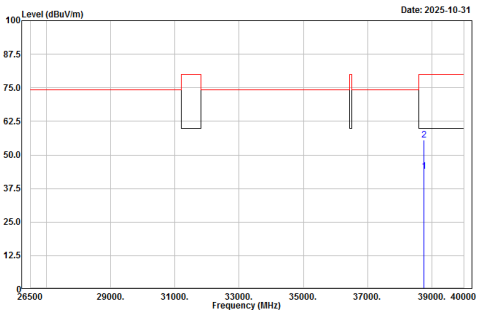
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22980.000	34.14	1.21	35.35	60.00	-24.65	Average
2	22980.000	45.15	1.21	46.36	80.00	-33.64	Peak

Vertical (18GHz – 26.5GHz)



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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22979.870	34.26	1.21	35.47	60.00	-24.53	Average
2	22980.000	44.71	1.21	45.92	80.00	-34.08	Peak

Horizontal (26.5GHz – 40GHz)	Vertical (26.5GHz – 40GHz)
	

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38818.750	34.41	10.03	44.44	60.00	-15.56	Average
2	38818.750	45.91	10.03	55.94	80.00	-24.06	Peak

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

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38759.800	33.80	10.00	43.80	60.00	-16.20	Average
2	38759.800	45.56	10.00	55.56	80.00	-24.44	Peak

Note:

Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

6. 開放頻帶邊緣之限制

6.1 適用標準

依據低功率射頻器材技術規範:

不必要發射頻率屬3.5規定頻段者，應符合3.6之規定。

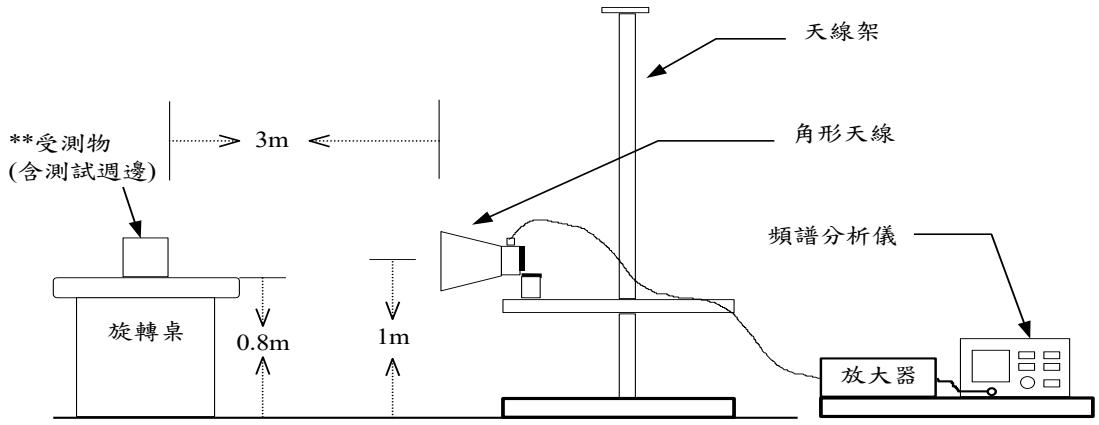
6.2 測試方法

1. 頻率掃描範圍足以涵蓋操作在最靠近頻帶邊緣之頻道的發射波峰位準以及任何落於許可頻帶外之調變產物。

2. 將標記設定於在頻帶邊緣上的發射，或將標記設定於最大之頻帶外調變產物上若其位準大於頻帶邊緣上的發射。啟動標記差值之功能，利用標記至波峰功能(Marker to Peak)功能以標記頻帶內發射之波峰，所顯示之標記差值必須符合指定之限制值。

以上述相同的步驟決定由跳頻功能所產生的任何混附波是否亦符合規定之限制值。

6.3 測試配置



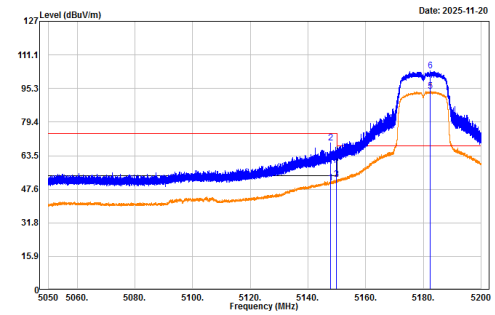
6.4 開放頻帶邊緣之量測結果

請參考附圖

判定結果: 符合規範

I IEEE 802.11a Mode

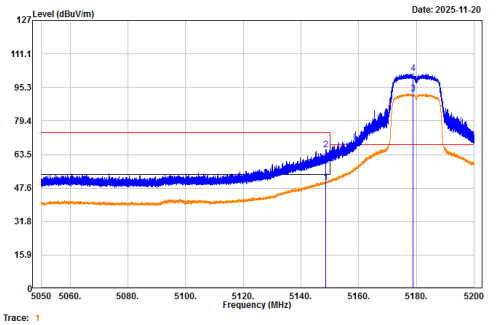
5180 MHz Horizontal



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

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

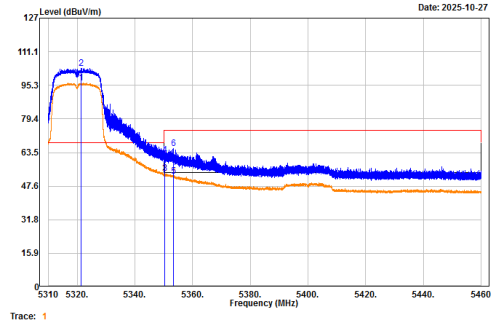
5180 MHz Vertical



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

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

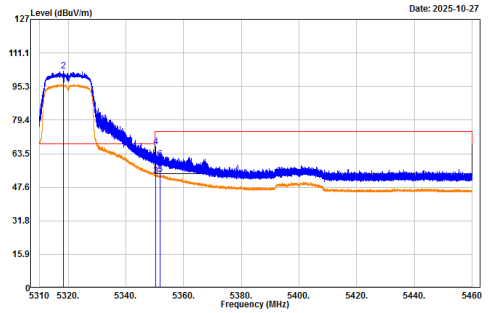
5320 MHz Horizontal



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

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

5320 MHz Vertical

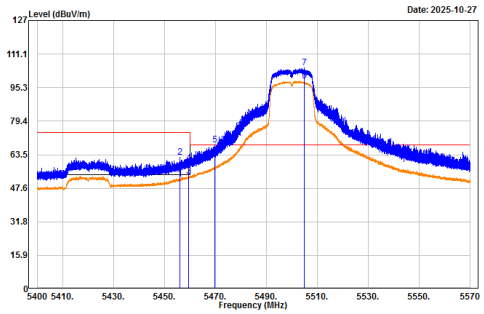


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : A-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

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

Note:
Level = Read Level + Factor
Over Limit = Level – Limit Line
Factor = Antenna Factor + Cable Loss – Amplifier Gain

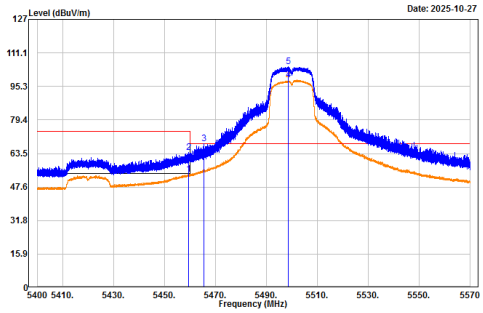
5500 MHz Horizontal



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

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

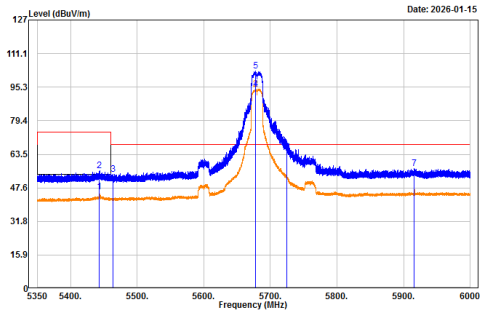
5500 MHz Vertical



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

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

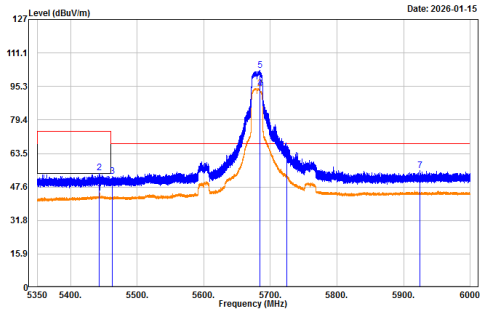
5680 MHz Horizontal



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

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

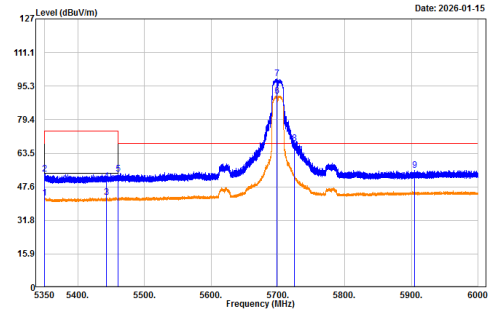
5680 MHz Vertical



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

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

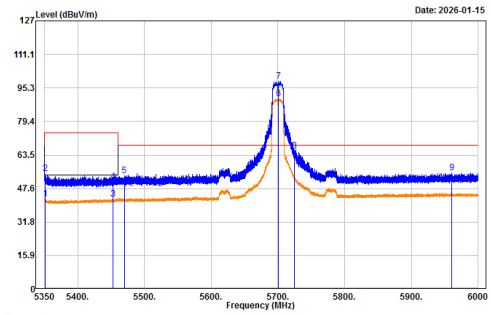
5700 MHz Horizontal



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

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

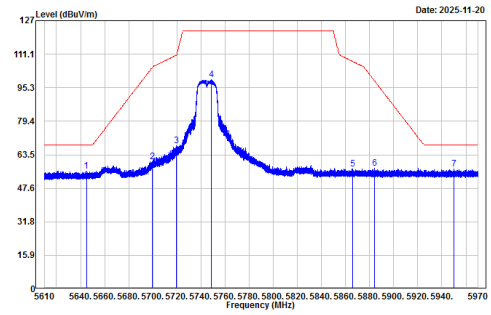
5700 MHz Vertical



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

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

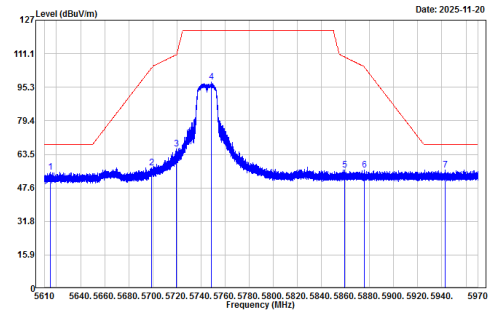
5745 MHz Horizontal



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

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

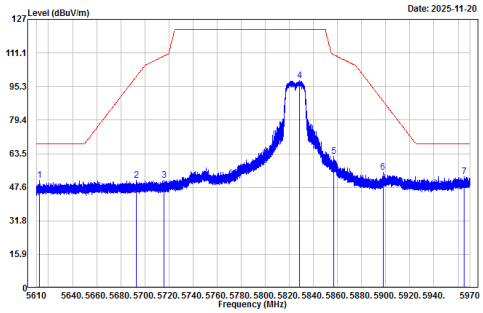
5745 MHz Vertical



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

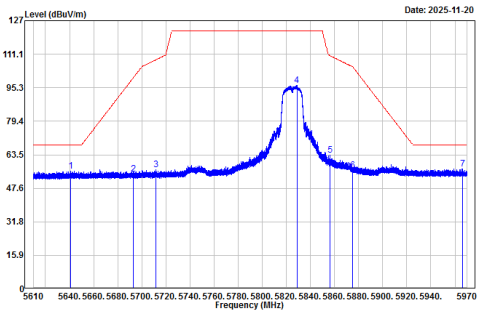
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5614.704	54.01	0.98	54.99	68.20	-13.21	Peak
2	5699.028	56.01	1.28	57.29	104.48	-47.19	Peak
3	5719.788	64.67	1.34	66.01	110.74	-44.73	Peak
4	5748.324	96.36	1.42	97.78	------	------	Peak
5	5859.528	54.39	1.65	56.04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

5825 MHz Horizontal	5825 MHz Vertical



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

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



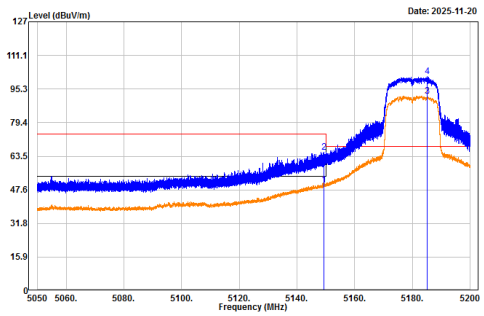
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : A-TX-5825
RBW/VBW : PK: 1M/3M

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

IEEE 802.11n 20 Mode

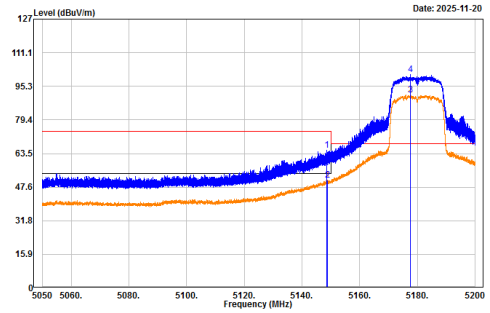
5180 MHz Horizontal



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

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

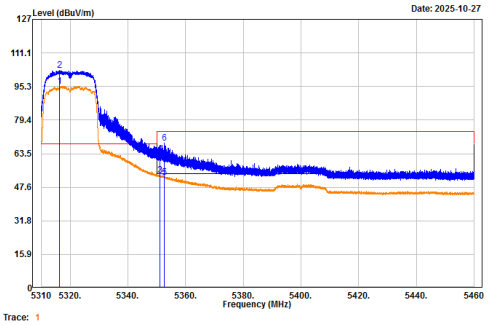
5180MHz Vertical



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

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

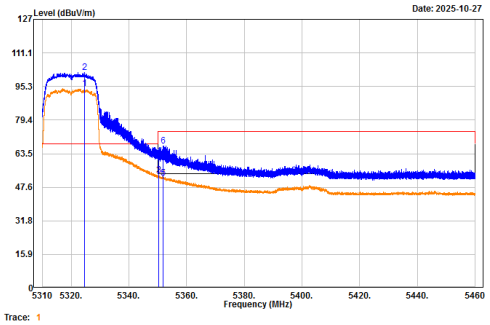
5320 MHz Horizontal



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

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

5320 MHz Vertical

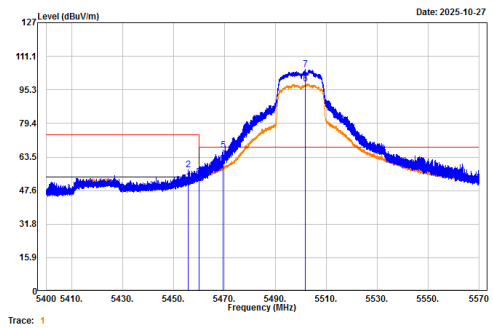


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : N20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

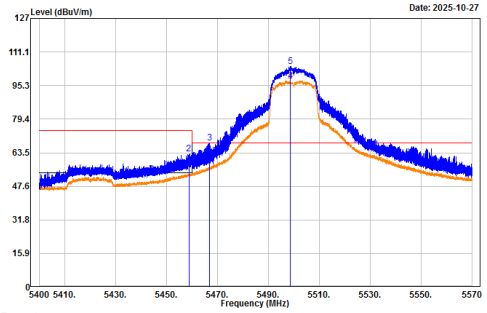
5500 MHz Horizontal



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

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

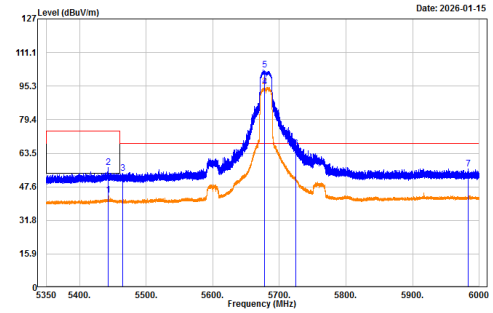
5500 MHz Vertical



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

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

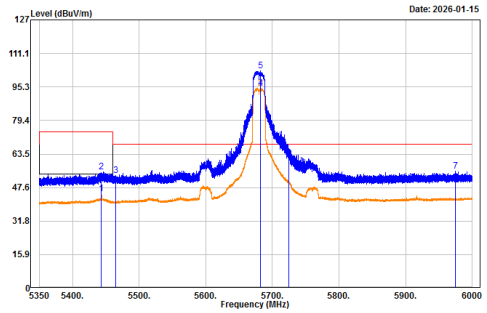
5680 MHz Horizontal



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

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

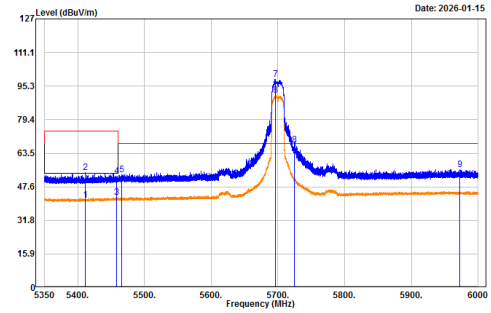
5680 MHz Vertical



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

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

5700 MHz Horizontal

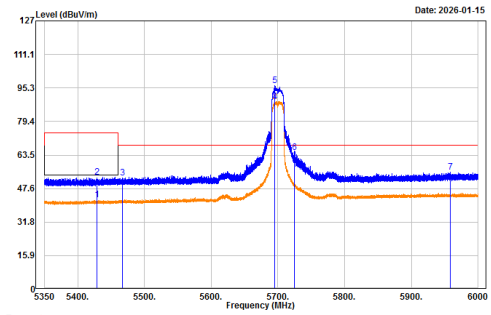


Trace: 1

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

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

5700 MHz Vertical

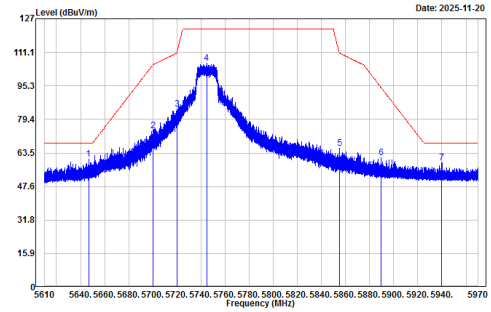


Trace: 1

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

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

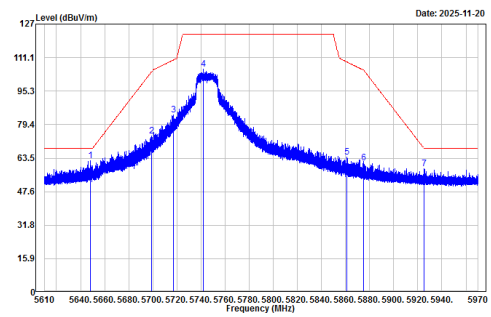
5745 MHz Horizontal



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

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

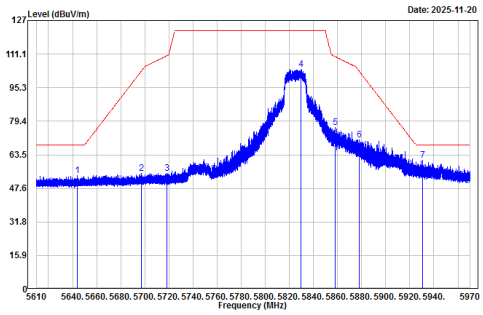
5745 MHz Vertical



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

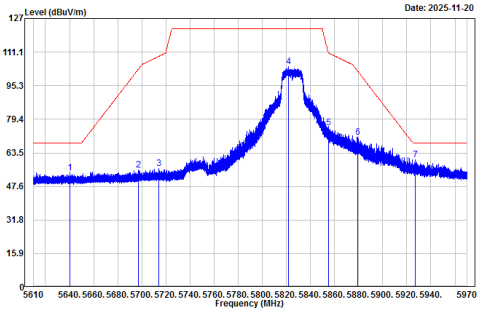
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5648.160	61.32	1.14	62.46	68.20	-5.74	Peak
2	5698.848	72.55	1.28	73.83	104.35	-30.52	Peak
3	5717.028	82.79	1.33	84.12	109.97	-25.85	Peak
4	5741.676	104.15	1.40	105.55	------	------	Peak
5	5861.100	62.37	1.65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

5825 MHz Horizontal	5825 MHz Vertical



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

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

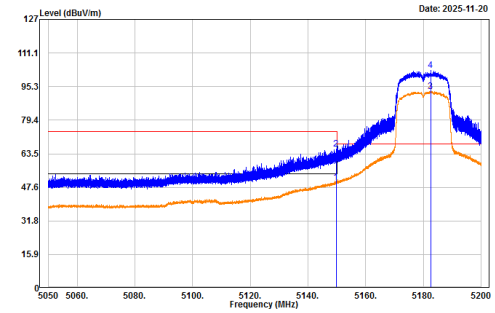
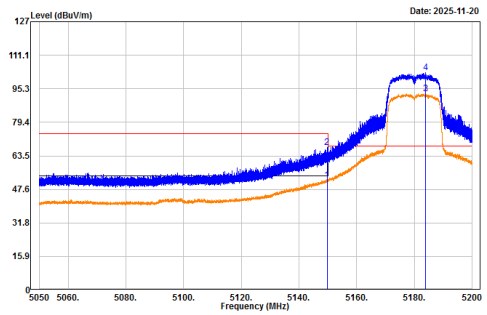
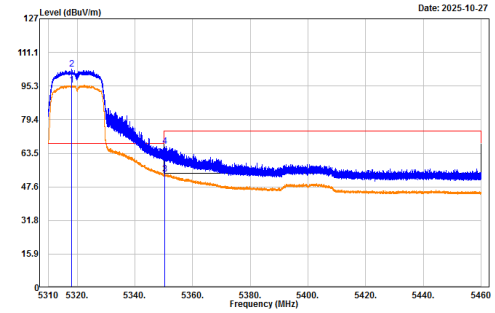
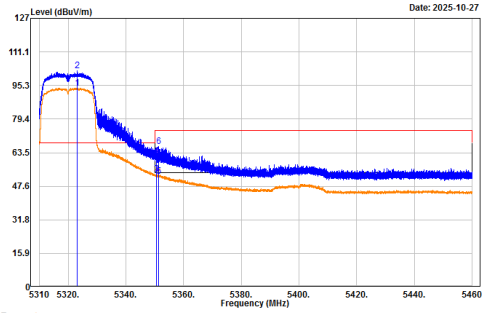


Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : N20-TX-5825
RBW/VBW : PK: 1M/3M

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

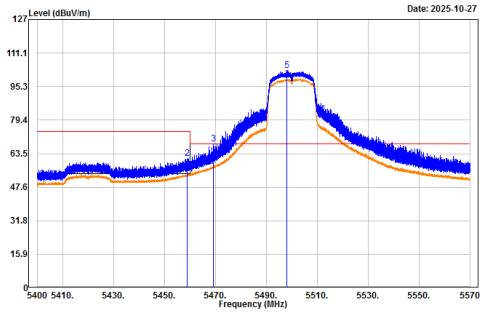
Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

IEEE 802.11 ac20 Mode

5180 MHz Horizontal	5180 MHz Vertical
	
Trace: 1 Site : LK-966A Condition: 3m Horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 19℃/ 48% Memo : AC20-TX-5180 RBW/VBW : PK: 1M/3M; AV: 1M/3K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark 1 5149.705 50.22 -0.42 49.80 54.00 -4.20 Average 2 5149.705 66.08 -0.42 65.66 74.00 -8.34 Peak 3 5182.470 93.35 -0.38 92.97 ------ ------ Average 4 5182.470 103.26 -0.38 102.88 ------ ------ Peak	Trace: 1 Site : LK-966A Condition: 3m Vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 19℃/ 48% Memo : AC20-TX-5180 RBW/VBW : PK: 1M/3M; AV: 1M/3K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark 1 5149.705 52.31 -0.42 51.89 54.00 -2.11 Average 2 5149.705 67.86 -0.42 67.44 74.00 -6.56 Peak 3 5183.755 93.30 -0.37 92.93 ------ ------ Average 4 5183.755 103.21 -0.37 102.84 ------ ------ Peak
5320 MHz Horizontal	5320 MHz Vertical
	
Trace: 1 Site : LK-966A Condition: 3m Horizontal Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 49% Memo : AC20-TX-5320 RBW/VBW : PK: 1M/3M; AV: 1M/5K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark 1 5318.095 95.03 0.55 95.58 ------ ------ Average 2 5318.095 102.67 0.55 103.22 ------ ------ Peak 3 5350.360 53.00 0.59 53.59 54.00 -0.41 Average 4 5350.360 66.06 0.59 66.65 74.00 -7.35 Peak	Trace: 1 Site : LK-966A Condition: 3m Vertical Job No : RLK250801004 Model : RRQ61051-008 Power : From Test Development Board. Tester : Yue Temp./ Hum.: 20℃/ 49% Memo : AC20-TX-5320 RBW/VBW : PK: 1M/3M; AV: 1M/5K Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark 1 5323.100 93.56 0.56 94.12 ------ ------ Average 2 5323.100 101.83 0.56 102.39 ------ ------ Peak 3 5350.545 52.89 0.59 53.48 54.00 -0.52 Average 4 5350.545 61.23 0.59 61.82 74.00 -12.18 Peak 5 5351.480 51.88 0.59 52.47 54.00 -1.53 Average 6 5351.480 65.80 0.59 66.39 74.00 -7.61 Peak

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

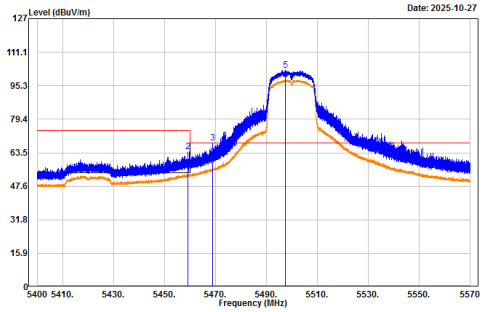
5500 MHz Horizontal



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

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

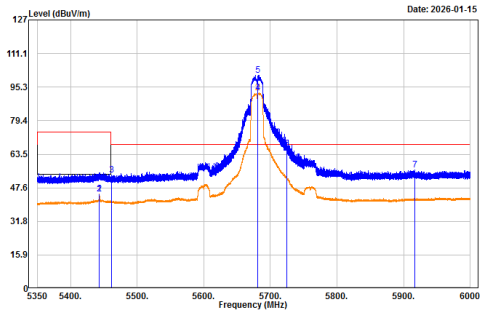
5500 MHz Vertical



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

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

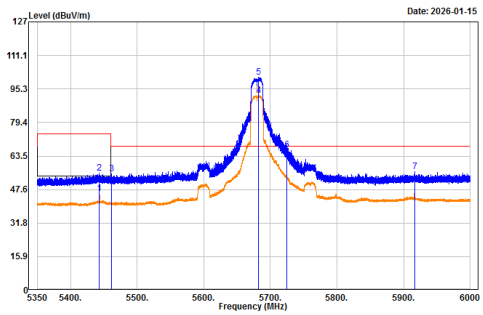
5680 MHz Horizontal



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

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

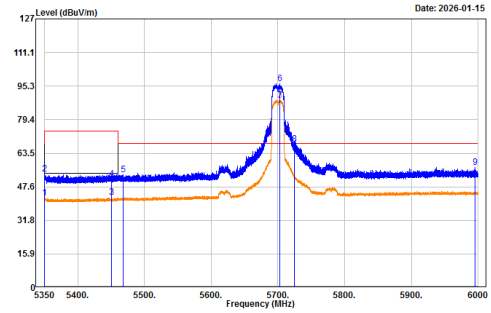
5680 MHz Vertical



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

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

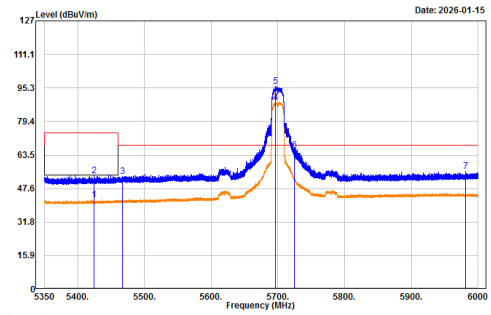
5700 MHz Horizontal



Trace: 1
Site : LK-966A
Condition: 3m Horizontal
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AC20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5350.260	42.26	-0.01	42.25	54.00	-11.75	Average
2	5350.260	53.57	-0.01	53.56	74.00	-20.44	Peak
3	5450.880	42.70	0.14	42.84	54.00	-11.16	Average
4	5450.880	51.29	0.14	51.43	74.00	-22.57	Peak
5	5467.932	53.21	0.18	53.39	68.20	-14.81	Peak
6	5702.539	95.04	1.20	96.24	------	------	Peak
7	5703.383	87.40	1.20	88.60	------	------	Average
8	5725.007	66.62	1.30	67.92	68.20	-0.28	Peak
9	5995.146	53.75	3.11	56.86	68.20	-11.34	Peak

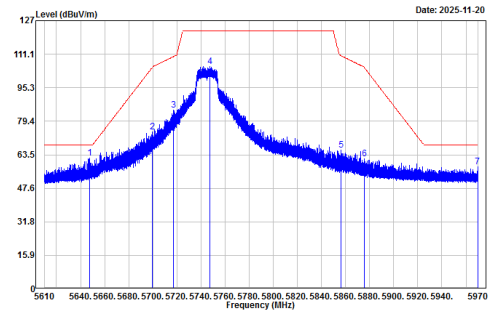
5700 MHz Vertical



Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 16℃/ 50%
Memo : AC20-TX-5700
RBW/VBW : PK: 1M/3M; AV: 1M/3K

	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5424.707	42.07	0.11	42.18	54.00	-11.82	Average
2	5424.707	53.65	0.11	53.76	74.00	-20.24	Peak
3	5467.008	53.06	0.17	53.23	68.20	-14.97	Peak
4	5696.298	87.36	1.17	88.53	------	------	Average
5	5696.298	94.89	1.17	96.06	------	------	Peak
6	5725.007	64.29	1.30	65.59	68.20	-2.61	Peak
7	5981.193	52.69	3.08	55.77	68.20	-12.43	Peak

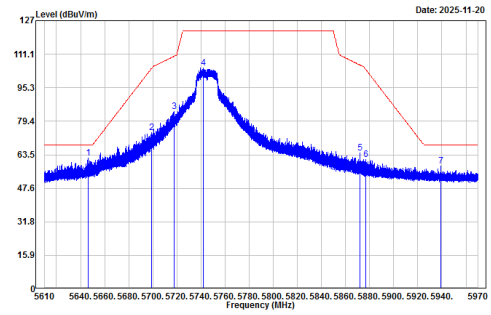
5745 MHz Horizontal



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

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

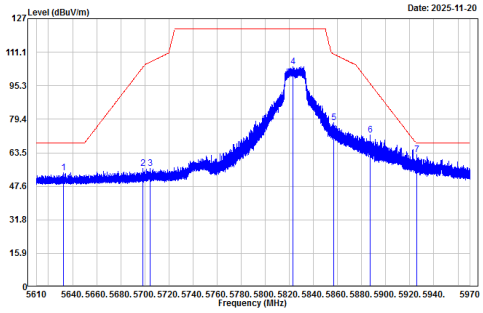
5745 MHz Vertical



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

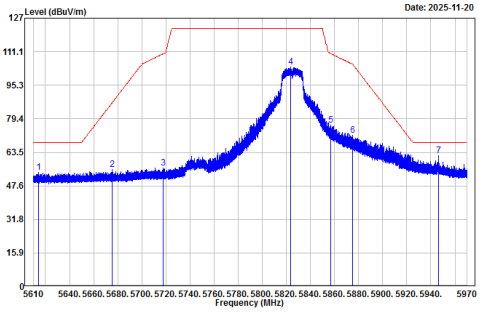
	Freq	Read Level	Factor	Limit Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5646.192	60.83	1.13	61.96	68.20	-6.24	Peak
2	5698.788	72.65	1.28	73.93	104.31	-30.38	Peak
3	5717.640	82.66	1.33	83.99	110.14	-26.15	Peak
4	5741.928	103.37	1.40	104.77	------	------	Peak
5	5871.972	62.74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

5825 MHz Horizontal	5825 MHz Vertical



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

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



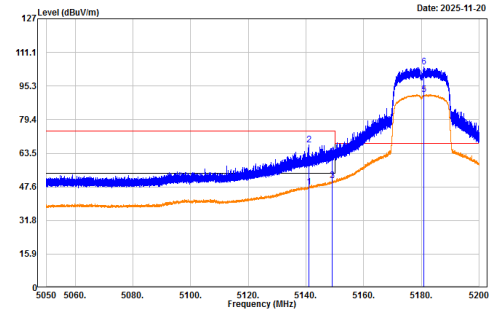
Site : LK-966A
Condition: 3m vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 19℃/ 48%
Memo : AC20-TX-5825
RBW/VBW : PK: 1M/3M

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

IEEE 802.11ax 20 Mode

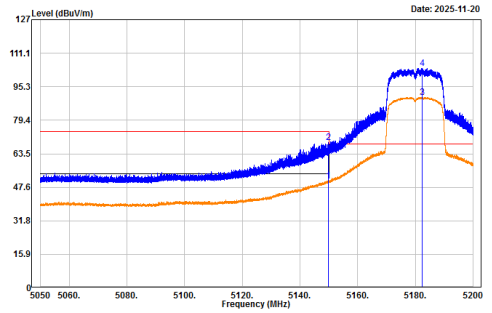
5180 MHz Horizontal



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

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

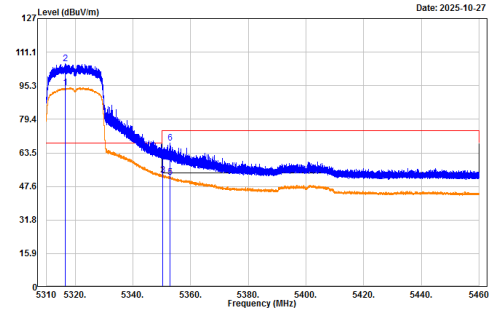
5180 MHz Vertical



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

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

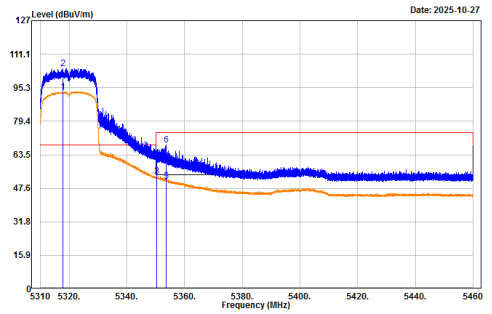
5320 MHz Horizontal



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

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

5320 MHz Vertical

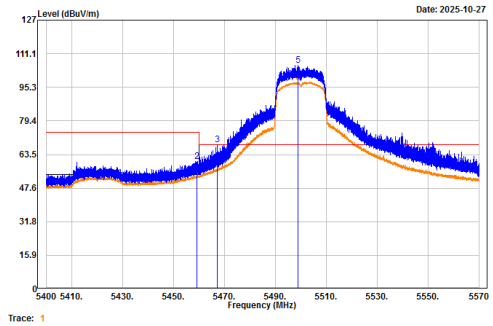


Trace: 1
Site : LK-966A
Condition: 3m Vertical
Job No : RLK250801004
Model : RRQ61051-008
Power : From Test Development Board.
Tester : Yue
Temp./ Hum.: 20℃/ 49%
Memo : AX20-TX-5320
RBW/VBW : PK: 1M/3M; AV: 1M/5K

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

Note:
Level = Read Level + Factor
Over Limit = Level – Limit Line
Factor = Antenna Factor + Cable Loss – Amplifier Gain

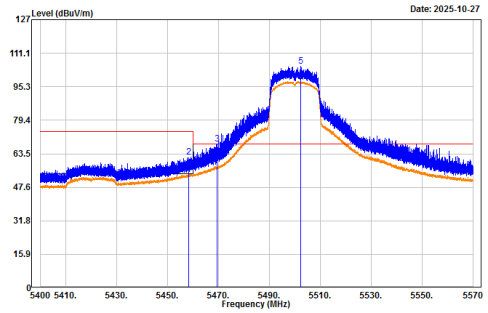
5500 MHz Horizontal



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

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

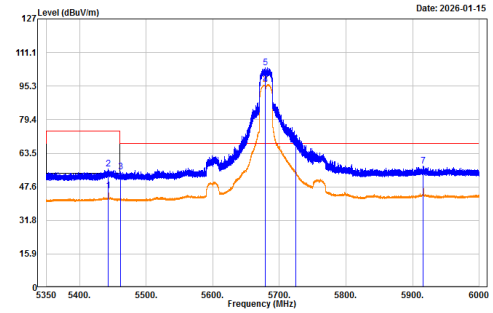
5500 MHz Vertical



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

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

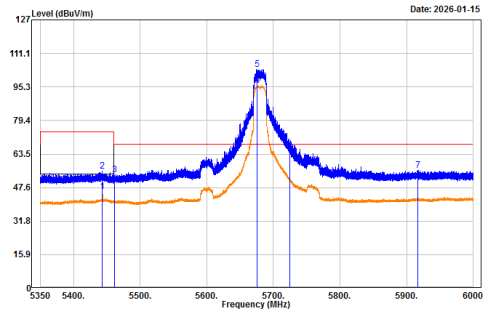
5680 MHz Horizontal



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

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

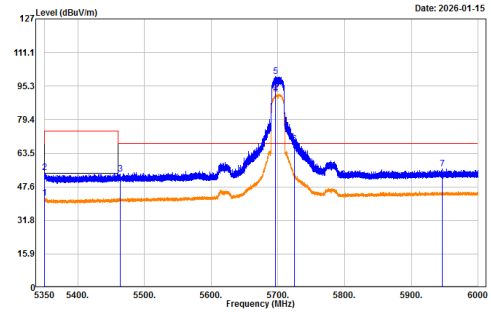
5680 MHz Vertical



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

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

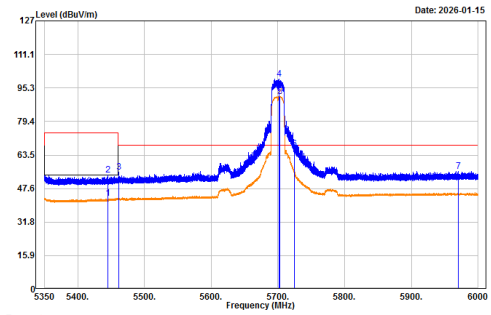
5700 MHz Horizontal



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

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

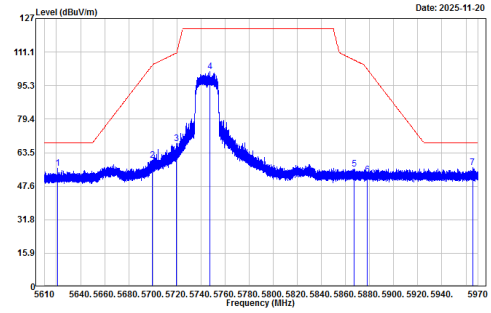
5700 MHz Vertical



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

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

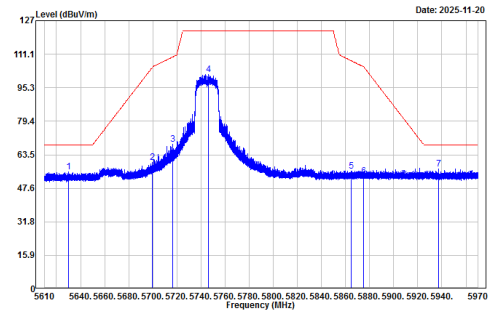
5745 MHz Horizontal



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

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

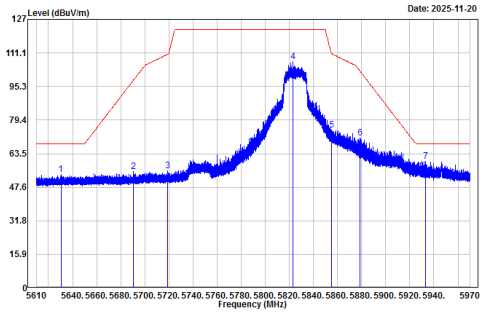
5745 MHz Vertical



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

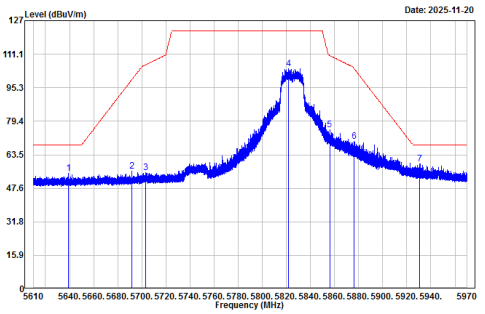
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5630.172	54.21	1.05	55.26	68.20	-12.94	Peak
2	5699.604	58.45	1.28	59.73	104.91	-45.18	Peak
3	5716.284	67.17	1.33	68.50	109.76	-41.26	Peak
4	5746.044	100.22	1.42	101.64	------	------	Peak
5	5864.712	54.20	1.68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

5825 MHz Horizontal	5825 MHz Vertical



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

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



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

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

Note:
Level = Read Level + Factor
Over Limit = Level − Limit Line
Factor = Antenna Factor + Cable Loss − Amplifier Gain

7. 發射頻寬測試

7.1 適用標準

依據低功率射頻器材技術規範:

1. 5.15GHz ~ 5.25GHz、5.25GHz ~ 5.35GHz及5.47GHz ~ 5.725GHz頻段，測試儀器之頻寬應設定為1MHz頻寬或待測物之26 dB發射頻寬。
2. 5.725GHz ~ 5.850GHz 頻段，測試儀器之頻寬應設定為500kHz或待測物之26dB發射頻寬。
3. 在5.725GHz ~ 5.850GHz頻段操作之設備，其6dB頻寬至少應有500kHz。

7.2 測試方法

測量時，頻譜分析儀之解析頻寬為26dB頻寬之1% ~3%，視訊頻寬不小於解析頻寬。為求得精確測量，頻率掃描範圍(Span)遠大於解析頻寬。

7.3 發射頻寬之量測結果

環境溫度	22.4~24.1℃	測試日期	2025-11/21~2026/01/14
環境濕度	41~46%	測試人員	Alan

UNII-1 Band I

Test Mode: IEEE 802.11a Mode / 5150 ~ 5250MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	40.80	19.02
40	5200	41.70	18.94
48	5240	38.30	16.82

Test Mode: IEEE 802.11n HT20 Mode / 5150 ~ 5250MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	44.90	19.66
40	5200	43.70	19.18
48	5240	38.50	17.82

Test Mode: IEEE 802.11ac VHT20 Mode / 5150 ~ 5250MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	43.80	19.02
40	5200	43.70	19.26
48	5240	39.20	17.82

Test Mode: IEEE 802.11ax20 HE20 Mode / 5150 ~ 5250MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	41.10	19.62
40	5200	40.90	19.74
48	5240	37.80	18.86

UNII-2A Band II

Test Mode: IEEE 802.11a Mode / 5250 ~ 5350MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	40.70	17.14
60	5300	38.90	17.26
64	5320	33.00	16.58

Test Mode: IEEE 802.11n HT20 Mode / 5250 ~ 5350MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	41.70	18.10
60	5300	40.00	18.10
64	5320	35.00	17.62

Test Mode: IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	42.10	18.30
60	5300	41.40	18.38
64	5320	37.00	17.74

Test Mode: IEEE 802.11ax20 HE20 Mode / 5250 ~ 5350MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	39.90	19.14
60	5300	35.90	18.90
64	5320	33.30	18.78

UNII-2C Band III

Test Mode: IEEE 802.11a Mode / 5470 ~ 5725MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	41.20	19.22
116	5580	43.40	19.54
136	5680	43.80	18.22
140	5700	36.3	17.82

Test Mode: IEEE 802.11n HT20 Mode / 5470 ~ 5725MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	47.30	19.90
116	5580	48.00	19.74
136	5680	43.60	19.10
140	5700	36.5	17.74

Test Mode: IEEE 802.11ac VHT20 Mode / 5470 ~ 5725MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
102	5510	43.20	19.82
116	5580	48.10	19.74
136	5680	45.70	18.18
134	5700	34.1	17.82

Test Mode: IEEE 802.11ax HE20 Mode / 5470 ~ 5725MHz

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
102	5510	44.80	19.06
116	5580	44.80	19.26
136	5680	41.70	19.30
134	5700	32	18.82

UNII-3 Band IV

Test Mode: IEEE 802.11a Mode / 5725 ~ 5850MHz

Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Result
		chain0	chain0		
149	5745	16.26	17.10	≥500	PASS
157	5785	15.44	19.54	≥500	PASS
165	5825	15.88	19.78	≥500	PASS

Test Mode: IEEE 802.11n HT20 Mode / 5725 ~ 5850MHz

Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Result
		chain0	chain0		
149	5745	16.80	17.94	≥500	PASS
157	5785	16.32	18.78	≥500	PASS
165	5825	16.60	19.22	≥500	PASS

Test Mode: IEEE 802.11ac VHT20 Mode / 5725 ~ 5850MHz

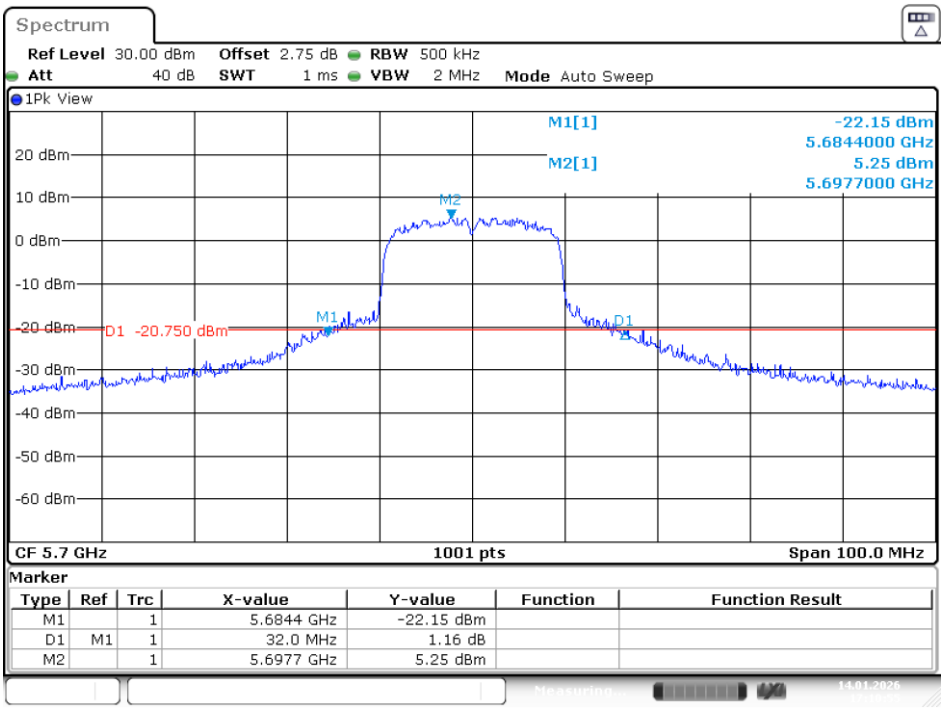
Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Result
		chain0	chain0		
149	5745	16.92	18.06	≥500	PASS
157	5785	18.20	19.30	≥500	PASS
165	5825	16.28	19.10	≥500	PASS

Test Mode: IEEE 802.11ax HE20 Mode / 5725 ~ 5850MHz

Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Result
		chain0	chain0		
149	5745	17.82	18.94	≥500	PASS
157	5785	16.80	19.70	≥500	PASS
165	5825	16.68	19.42	≥500	PASS

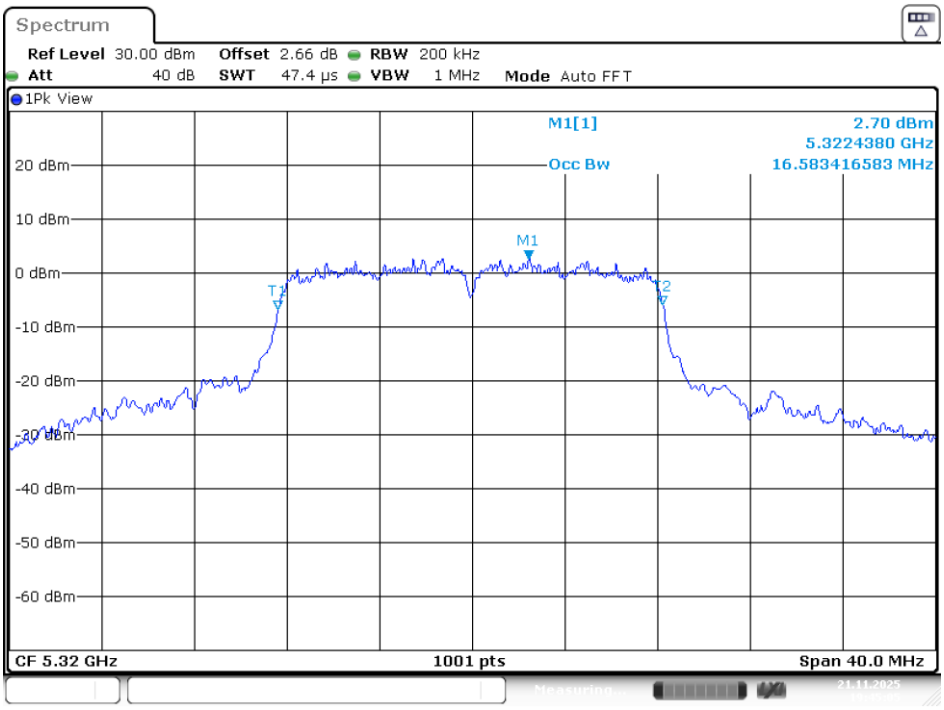
**此測試圖僅放測試結果最差的頻道。

26 dB Emission Bandwidth



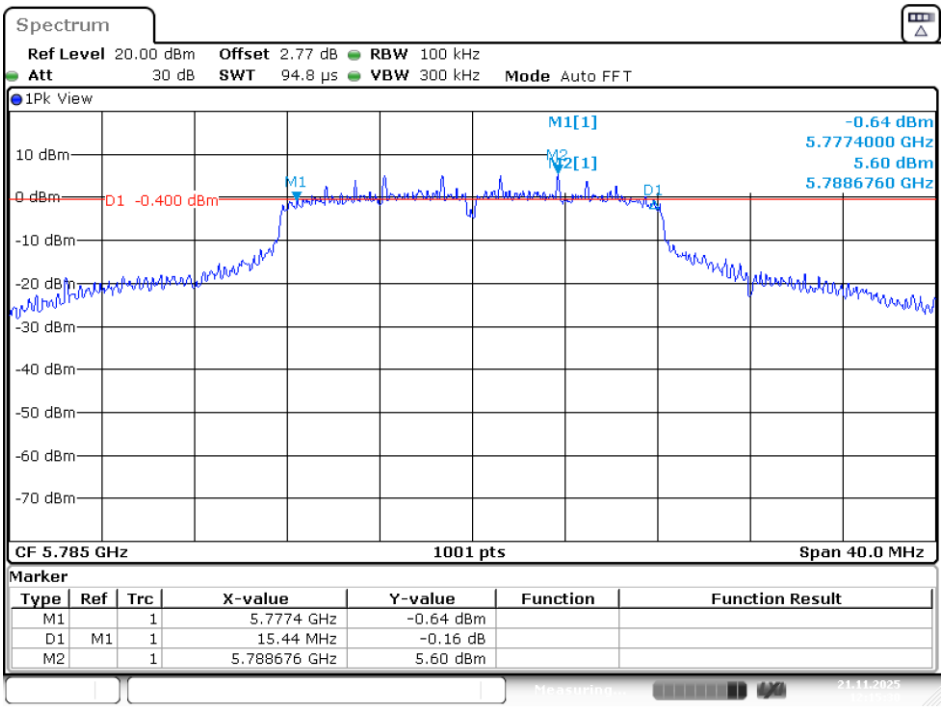
Date: 14.JAN.2026 17:10:56

99% Bandwidth



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

6 dB Emission Bandwidth



依據測試數據結果，符合低功率射頻器材技術規範之要求。

8. 輸出功率之量測

8.1 適用標準

依據低功率射頻器材技術規範:

(一)5.15 ~ 5.25GHz 頻帶，

(1) 供戶外操作使用:

(A) 最大傳導輸出功率應小於或等於 1 W。

(C) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(D) 在水平面仰角超過 30 度時，其最大 EIRP 應小於或等於 21dBm。

(2) 供室內操作使用:

(A) 最大傳導輸出功率應小於或等於 1 W。

(C) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

(A) 最大傳導輸出功率應小於或等於 1 W。

(C) 使用超過 23dBi 方向增益之指向性天線時，應依超過 23dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(D) 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供用戶端裝置(Client Device)操作使用:

(A) 最大傳導輸出功率應小於或等於 250 mW。

(B) 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 11dBm。

(C) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(二) 5.25 ~ 5.35GHz 頻帶和 5.47 ~ 5.725GHz 頻段

(1) 最大傳導輸出功率應小於或等於 250 mW 或 11dBm+10log B (B 是 26 dB 發射頻寬，單位 MHz)之較小者。

(3) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(三) 5.725 GHz ~ 5.850GHz 頻段

(1) 最大傳導輸出功率應小於或等於 1 W。

(3) 供固定式點對點操作時，使用方向增益超過 6dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。

(4) 除(3)外，使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

8.2 測試方法

1. 將受測物的RF埠經由一條50歐姆纜線連接至頻譜分析儀。
2. 設定量測頻率為量測頻道，使用26dB頻寬當作取樣頻寬。
3. 紀錄最大峰值輸出功率。

上述之測試步驟應注意外接之衰減與纜線損失。

8.3 輸出功率之量測結果

峰值發射功率限制值判定如下:

環境溫度	22.4~24.1℃	測試日期	2025/09/25~2025/01/14
環境濕度	41~46%	測試人員	Alan

Test Mode: Transmitting

UNII Band	Mode	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
UNII-1	802.11a	36	5180	15.23	0.18	15.41	24
		40	5200	15.21	0.18	15.39	24
		48	5240	14.1	0.18	14.28	24
UNII-2A		52	5260	15.11	0.18	15.29	24
		60	5300	15.09	0.18	15.27	24
		64	5320	13.31	0.18	13.49	24
UNII-2C		100	5500	14.89	0.18	15.07	24
		118	5580	16.7	0.18	16.88	24
		136	5680	14.81	0.18	14.99	24
		140	5700	11.49	0.18	11.67	24
UNII-3		149	5745	13.03	0.18	13.21	30
		157	5785	13.93	0.18	14.11	30
		165	5825	13.66	0.18	13.84	30
UNII-1	802.11 n20	36	5180	15.03	0.36	15.39	24
		40	5200	15.12	0.36	15.48	24
		48	5240	13.54	0.36	13.90	24
UNII-2A		52	5260	15.11	0.36	15.47	24
		60	5300	15.12	0.36	15.48	24
		64	5320	13.3	0.36	13.66	24
UNII-2C		100	5500	16.82	0.36	17.18	24
		118	5580	16.69	0.36	17.05	24
		136	5680	14.72	0.36	15.08	24
		140	5700	7.5	0.36	7.86	24
UNII-3		149	5745	12.9	0.36	13.26	30
		157	5785	13.81	0.36	14.17	30
		165	5825	13.42	0.36	13.78	30

UNII Band	Mode	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)	Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
UNII-1	802.11 ac20	36	5180	15.21	0	15.21	24
		40	5200	15.2	0	15.20	24
		48	5240	14.14	0	14.14	24
UNII-2A		52	5260	14.91	0	14.91	24
		60	5300	14.99	0	14.99	24
		64	5320	13.22	0	13.22	24
UNII-2C		100	5500	13.65	0	13.65	24
		118	5580	15.59	0	15.59	24
		136	5680	14.75	0	14.75	24
		140	5700	8.84	0	8.84	24
UNII-3		149	5745	13.1	0	13.10	30
		157	5785	13.96	0	13.96	30
		165	5825	13.67	0	13.67	30
UNII-1	802.11 ax20	36	5180	15.21	0	15.21	24
		40	5200	15.1	0	15.10	24
		48	5240	14.01	0	14.01	24
UNII-2A		52	5260	15.68	0	15.68	24
		60	5300	15.16	0	15.16	24
		64	5320	13.71	0	13.71	24
UNII-2C		100	5500	14.08	0	14.08	24
		118	5580	16.01	0	16.01	24
		136	5680	14.6	0	14.60	24
		140	5700	10.5	0	10.50	24
UNII-3		149	5745	12.92	0	12.92	30
		157	5785	13.79	0	13.79	30
		165	5825	13.46	0	13.46	30

9. 功率密度之量測

9.1 適用標準

依據低功率射頻器材技術規範:

(一)5.15 GHz ~ 5.25GHz 頻帶，

(1) 供戶外操作使用:

(B) 在任何 1MHz 頻帶中最大功率頻譜密度應小於或等於 17dBm。

(C) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(2) 供室內操作使用:

(B) 在任何 1MHz 頻帶中最大功率頻譜密度應小於或等於 17dBm。

(C) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

(B) 在任何 1MHz 頻帶中最大功率頻譜密度應小於或等於 17dBm。

(C) 使用超過 23dBi 方向增益之指向性天線時，應依超過 23dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(D) 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供用戶端裝置(Client Device)操作使用:

(B) 在任何 1MHz 頻帶中最大功率頻譜密度應小於或等於 11dBm。

(C) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(二) 5.25GHz ~ 5.35GHz、5.47GHz~5.75GHz 頻帶，

(2) 最大功率頻譜密度在任何 1MHz 頻帶中應小於或等於 11dBm。

(3) 使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(三) 5.725GHz ~ 5.850GHz 頻帶，

(2) 在任何 500kHz 頻帶中最大功率頻譜密度應小於或等於 30dBm。

(3) 供固定式點對點操作時，使用方向增益超過 6dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。

(4) 除(3)外，使用超過 6dBi 方向增益之發射天線時，應依超過 6dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

9.2 測試方法

將發射機之天線埠經由適當之衰減直接連至測試儀器。設定解析頻寬為1MHz或是500kHz以規範頻段而定，視訊頻寬大於解析頻寬找出發射峰值並擴展於通帶內進行功率密度評估。

9.3 輸出功率密度限制值之判定

環境溫度	22.4~24.1℃	測試日期	2025-0925~2025/11/21
環境濕度	41~46%	測試人員	Alan

Test Mode: Transmitting

UNII Band	Mode	Channel	Frequency (MHz)	Maximum Power Spectral Density(dBm)	Duty Factor (dB)	Total Maximum Power Spectral DensityVwith duty factor (dBm)	Limit (dBm/MHz)
UNII-1	802.11a	36	5180	3.56	0.18	3.74	11
		40	5200	3.90	0.18	4.08	11
		48	5240	2.22	0.18	2.40	11
	802.11n 20	36	5180	2.88	0.36	3.24	11
		40	5200	3.17	0.36	3.53	11
		48	5240	2.12	0.36	2.48	11
	802.11 ac 20	36	5180	3.96	0.00	3.96	11
		40	5200	4.02	0.00	4.02	11
		48	5240	2.78	0.00	2.78	11
	802.11 ax 20	36	5180	4.11	0.00	4.11	11
		40	5200	4.10	0.00	4.10	11
		48	5240	2.25	0.00	2.25	11
UNII Band	**Mode**	**Channel**	**Frequency (MHz)**	**Maximum Power Spectral Density(dBm)**	**Duty Factor (dB)**	**Total Maximum Power Spectral DensityVwith duty factor (dBm)**	**Limit (dBm/MHz)**
UNII-2A	802.11a	52	5260	3.37	0.18	3.55	11
		60	5300	3.17	0.18	3.35	11
		64	5320	1.8	0.18	1.98	11

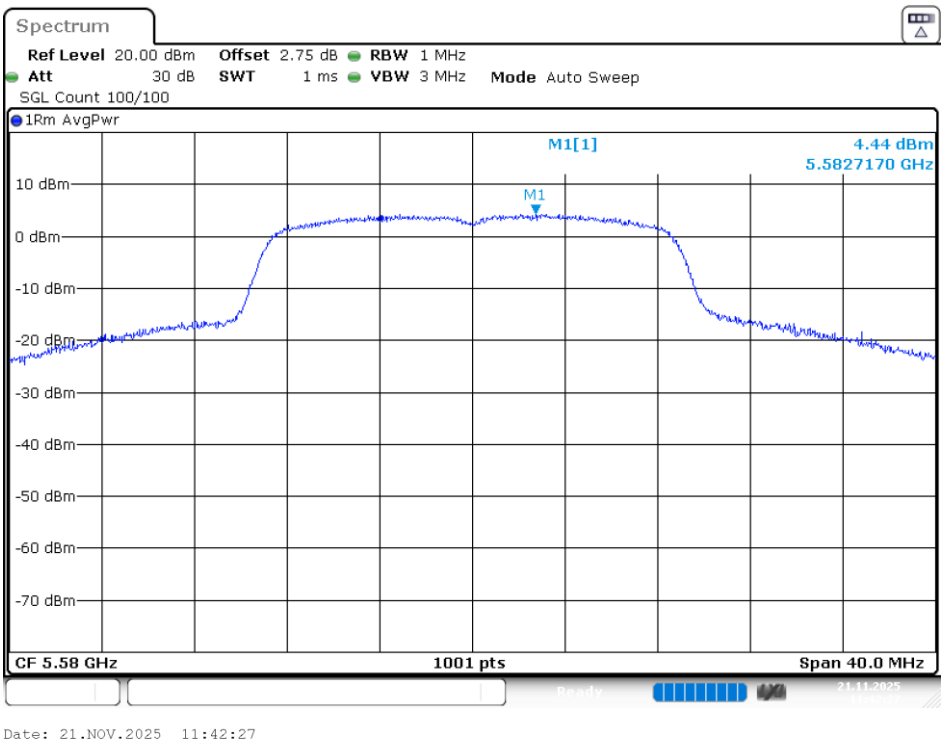
	802.11n 20	52	5260	3.05	0.36	3.41	11
		60	5300	3.06	0.36	3.42	11
		64	5320	1.16	0.36	1.52	11
	802.11 ac 20	52	5260	3.23	0	3.23	11
		60	5300	3.39	0	3.39	11
		64	5320	1.88	0	1.88	11
	802.11 ax 20	52	5260	3.18	0	3.18	11
		60	5300	2.67	0	2.67	11
		64	5320	1.58	0	1.58	11

UNII Band	Mode	Channel	Frequency (MHz)	Maximum Power Spectral Density(dBm)	Duty Factor (dB)	Total Maximum Power Spectral DensityVwith duty factor (dBm/MHz)	Limit (dBm/MHz)
UNII-2C	802.11a	100	5500	3.99	0.18	4.17	11
		116	5580	4.13	0.18	4.31	11
		136	5680	1.70	0.18	1.88	11
		140	5700	-1.73	0.18	-1.55	11
	802.11n 20	100	5500	4.25	0.36	4.61	11
		116	5580	4.24	0.36	4.6	11
		136	5680	1.09	0.36	1.45	11
		140	5700	-5.67	0.36	-5.31	11
	802.11 ac 20	100	5500	3.64	0.00	3.64	11
		116	5580	4.44	0.00	4.44	11
		136	5680	1.90	0.00	1.90	11
		140	5700	-4.88	0.00	-4.88	11
	802.11 ax 20	100	5500	3.36	0.00	3.36	11
		116	5580	3.31	0.00	3.31	11
		136	5680	1.73	0.00	1.73	11
		144	5720	-2.29	0.00	-2.29	11

UNII Band	Mode	Channel	Frequency (MHz)	Maximum Power Spectral Density(dBm)	Duty Factor (dB)	Total Maximum Power Spectral DensityVwith duty factor (dBm/500kHz)	Limit (dBm/500kHz)
UNII-3	802.11a	149	5745	1.68	0.18	1.86	30

		157	5785	3.00	0.18	3.18	30
		165	5825	2.70	0.18	2.88	30
	802.11n 20	149	5745	1.42	0.36	1.78	30
		157	5785	2.98	0.36	3.34	30
		165	5825	2.78	0.36	3.14	30
	802.11 ac 20	149	5745	1.93	0.00	1.93	30
		157	5785	3.21	0.00	3.21	30
		165	5825	3.19	0.00	3.19	30
	802.11 ax 20	149	5745	1.58	0.00	1.58	30
		157	5785	2.94	0.00	2.94	30
		165	5825	2.64	0.00	2.64	30

****此測試圖僅放測試結果最差的頻道。**



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依據測試數據結果，符合低功率射頻器材技術規範之要求。

10. 電波曝露量之評估

10.1 適用標準

依據低功率射頻器材技術規範，若受測物於正常操作模式下，其發射機距離人體20公分以上者，可測試最大曝露允許值(Maximum Permissible Exposure，MPE)以證明其符合電波曝露量之要求。

限制值

6.20.2.2 一般人/不可控制之曝露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm^2)	平均時間 (分)
0.3~1.34	614	1.63	*100	30
1.34~30	824/f	2.19/f	$*180/f^2$	30
30~300	27.5	0.073	0.2	30
300~1,500	-	-	f/1500	30
1,500~100,000	-	-	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

Calculated Formulary:

Predication of MPE limit at a given distance

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm^2);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

10.2 電波曝露量之結果

Test mode: WLAN 5G mode

Frequency (MHz)	Power		Antenna Gain		Evaluation Distrance (cm)	Power Density (mW/cm^2)	MPE Limit (mW/cm^2)
	(dBm)	(mW)	(dBi)	(numeric.)			
5150-5250	15.48	35.32	4.4	2.754	20	0.019	1
5250-5350	15.68	36.98	4.4	2.754	20	0.02	1
5470-5725	17.18	52.24	4.4	2.754	20	0.029	1
5725-5850	14.17	26.12	4.4	2.754	20	0.014	1

電磁波曝露量 MPE 標準值

1mW/cm^2，送測產品實測值為：**0.029** mW/cm^2

11. 量測儀器一覽表

儀器名稱	廠商	型號	序號	校驗日期	下次校驗日期
AC Line Conduction Room (CON-A)					
Pulse Limiter	SCHWARZBECK	VTSD 9561-F	00432	2025/08/14	2026/8/14
ESR EMI Test Receiver	Rohde & Schwarz	ESCI7	100769	2025/04/02	2026/4/2
RF Cable	EMCI	EMCCFD300-BM-BM-3000	221013	2025/10/16	2026/10/16
Two-Line V-Network	Rohde & Schwarz	ENV216	100037	2025/09/15	2026/9/15
Software	Audix	e3 v9	E3LK-03	N.C.R	N.C.R
Radiation 3M Room (966-A)					
Bilog Antenna & 6 dB Attenuator	SUNOL SCIENCES & EMCI	JB3 & N-6-06	A111513 & AT-N0668	2025/04/11	2026/04/11
Active Loop Antenna	ETS-Lindgren	6502	0001-3322	2025/03/27	2026/03/27
Horn Antenna	ETS-Lindgren	3115	109141	2025/08/22	2026/08/22
Horn Antenna	ETS-Lindgren	3160-09	123852	2025/07/18	2026/07/18
Horn Antenna	ETS-Lindgren	3160-10	123855	2025/07/18	2026/07/18
18-40GHz Preamplifier	GLOBAL	1313-A1840	5031382	2025/04/28	2026/04/28
30M-18GHz Preamplifier	A.H. Systems	PAM-0118P	470	2025/03/25	2026/03/25
ESR EMI Test Receiver	Rohde & Schwarz	ESR3	102448	2025/10/02	2026/10/02
Spectrum Analyzer	Rohde & Schwarz	FSV40	101456	2025/06/05	2026/06/05
Microflex Cable (1m)	UTiFLEX	UFB205A-0-0360-000000	W6103	2025/08/01	2026/08/01
Microflex Cable (2m)	EMCI	EMCI06-SM-SM-2000	180515	2025/08/01	2026/08/01

Microflex Cable (8m)	UTIFLEX	UFA210A-1-3149-300300	MFR 64639 232490-001	2025/08/01	2026/08/01
Software	AUDIX	E3 V9	E3LK-01	N.C.R	N.C.R
-10dB Attenuator	MTJ	MTJ604-10	004	2025/04/07	2026/04/07
Band Reject Filter	MICRO-TRONICS	BRM50716	G444	2025/04/30	2026/04/30
Conducted Room					
Cable	MTJ	MT40S	620620-MT40S-100	2024/12/26	2026/01/05
Cable	MTJ	MT40S	620620-MT40S-100	2026/01/05	2027/01/05
Signal and Spectrum Analyzer	Rohde & Schwarz	FSV40	101457	2024/12/04	2025/12/04
Signal and Spectrum Analyzer	Rohde & Schwarz	FSV40	101457	2025/12/03	2026/12/03
USB Wideband Power Sensor	AGILENT	U2021XA	MY54080011	2025/08/26	2026/08/26
10dB Attenuator	MCL	BW-S10W5+	605	2025/04/14	2026/04/14

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

12. 實驗室之測試不確定度

測試項目	測試場地 / 測試頻率	不確定度
傳導干擾電壓量測	AC Line Conduction	±2.98 (dB)
輻射干擾場強量測 (測試距離: 3m)	3m Chamber / 30~1000MHz	±3.09 (dB)
	3m Chamber / 1~18GHz	±5.22 (dB)
	3m Chamber / 18~40GHz	±4.72 (dB)
	3m Chamber / 9k~30MHz	±3.13 (dB)
佔用頻寬	Conducted	±0.09 (%)
輸出功率	Conducted	±3.73 (dB)
功率密度	Conducted	±0.45 (dBm/MHz)

a) 必要為試驗結果作解釋時，依 ISO/IEC 17025 第 7.8.3.1 要求，實驗室得決定是否在測試報告上包含量測不確定度評估結果。

b) 測試證書/報告中提供量測不確定度資訊時，通常應使用 “y± U (y 和 U 的單位)” 或類似的表述方式；量測結果的數值與其量測不確定度亦可以列表方式表達。視需要，擴充不確定度也可以用相對擴充不確定度 U / |y|的方式表達，如指數或百分比。應在證書/報告中註明不確定度的涵蓋因子及涵蓋機率(或信賴水準)，可以使用以下文字描述：

「本報告的擴充不確定度，係以組合標準不確定度乘以涵蓋因子 k (k=2)來表示，相應之涵蓋機率(或信賴水準)約為 95 %。」

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