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	RRQ61051-009
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

試驗室名稱:倍科檢驗科技有限公司(林口實驗室)
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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	RLK250801005	RLK250801005RF02	2026.01.22	報告發行	Cedric Xu

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1. 一般描述

產品名稱	RRQ61051 Module
主 型 號	RRQ61051-009
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 B3:5500/5580/5700 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 / ac Mode: OFDM IEEE 802.11ax20 Mode: OFDMA
供應電源	3.3Vdc
天線資訊	天線型態: Dipole Antenna 廠牌: ARISTOTLE 型號: RFA-27-H60-U-GB70 B1~B4 Gain值: 4.4 dBi

Note:

*802.11ax mode only support full RU

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

***天線所連接測試使用的 I-Pex Cable 的 Cable Los :

Band1 : 2.64 dB

Band2 : 2.66 dB

Band3 : 2.75 dB

Band4 : 2.77 dB

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。

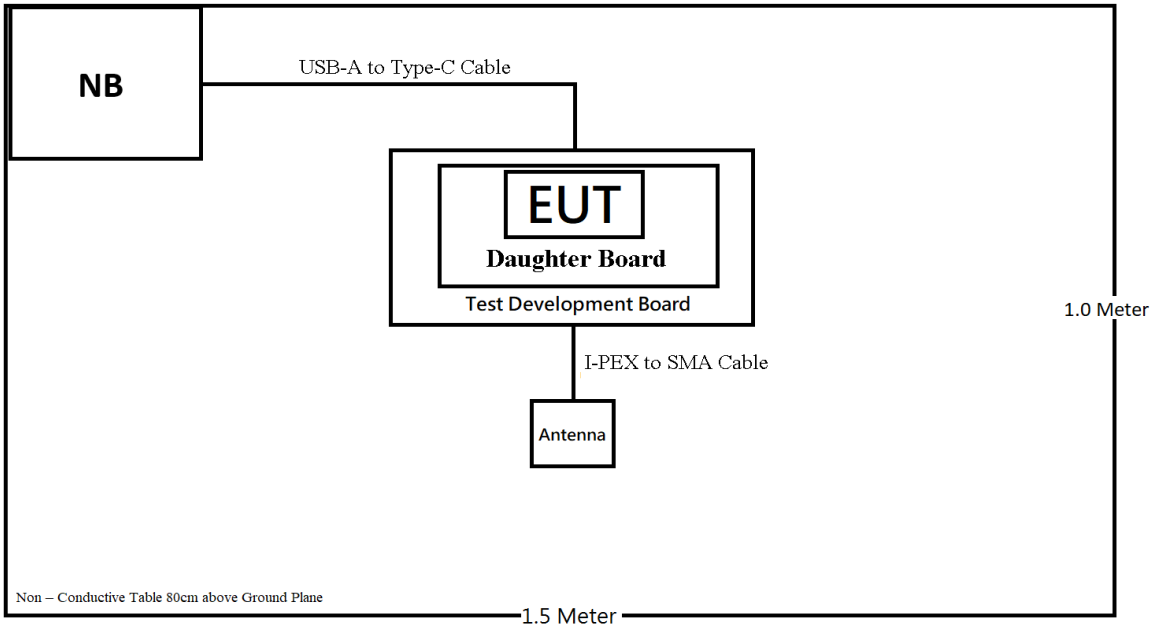
頻率 (MHz)	頻率 (MHz)	頻率 (MHz)	頻率 (MHz)
0.090 - 0.110	167.72 - 173.20	2483.5 - 2900.0	38600 以上
0.490 - 0.510	240.00 - 285.00	3260.0 - 3267.0	
2.172 - 2.198	322.00 - 335.40	3332.0 - 3339.0	
3.013 - 3.033	399.90 - 410.00	3345.8 - 3358.0	
4.115 - 4.198	485.00 - 510.00	3500.0 - 4400.0	
5.670 - 5.690	608.00 - 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

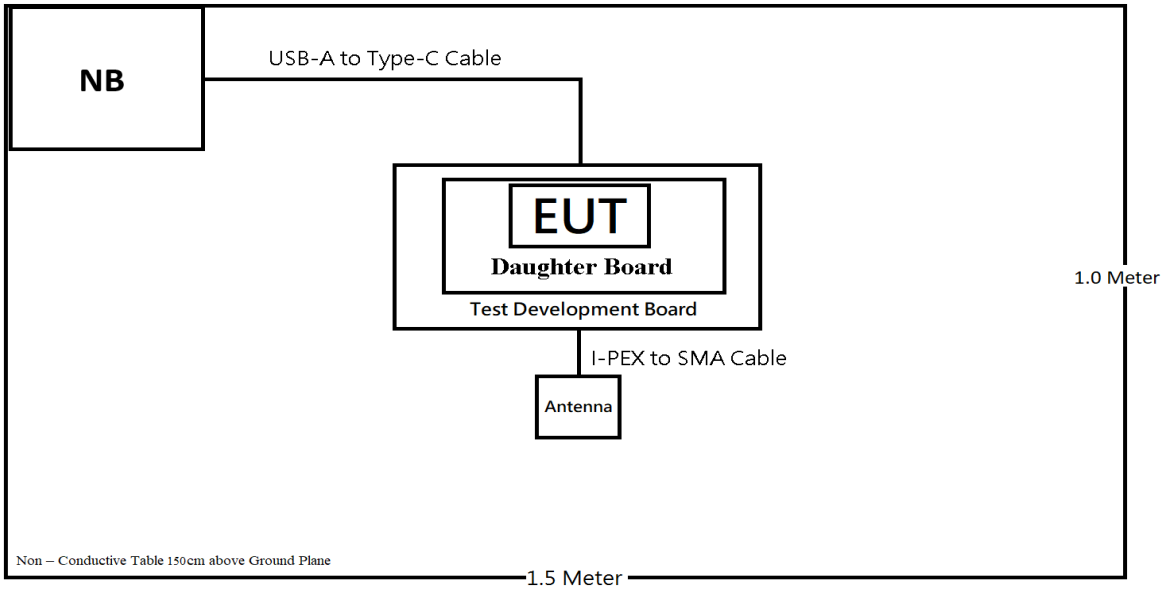
3.1 待測物與測試設備系統圖

Radiation :

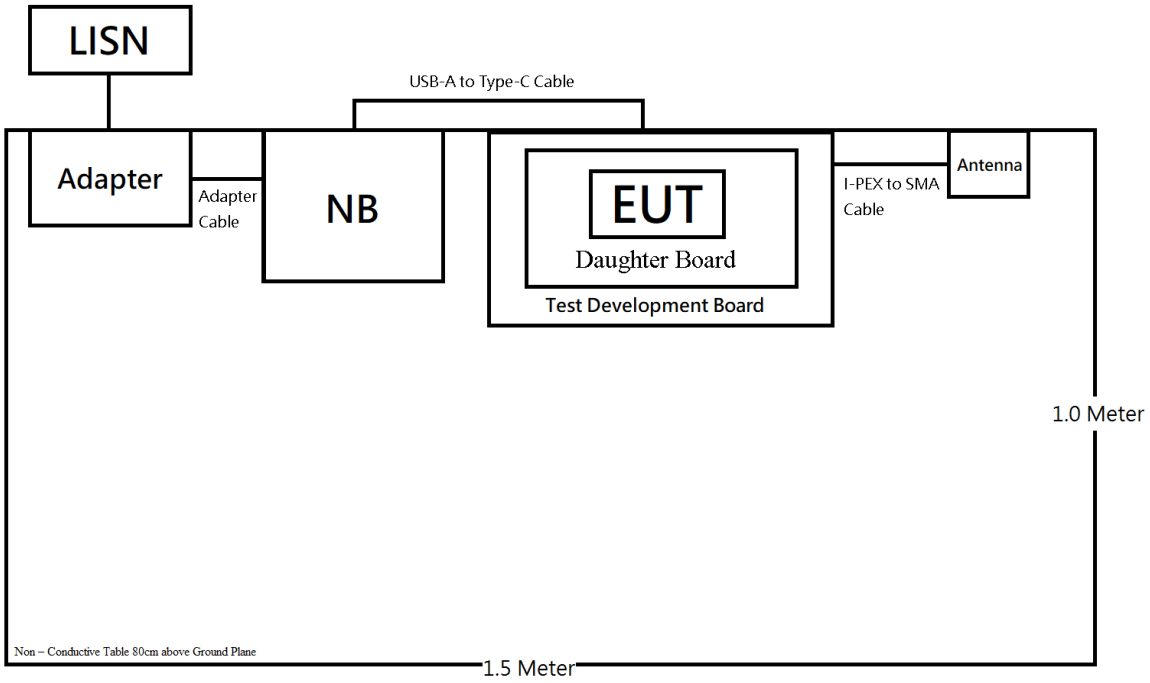
Below 1GHz



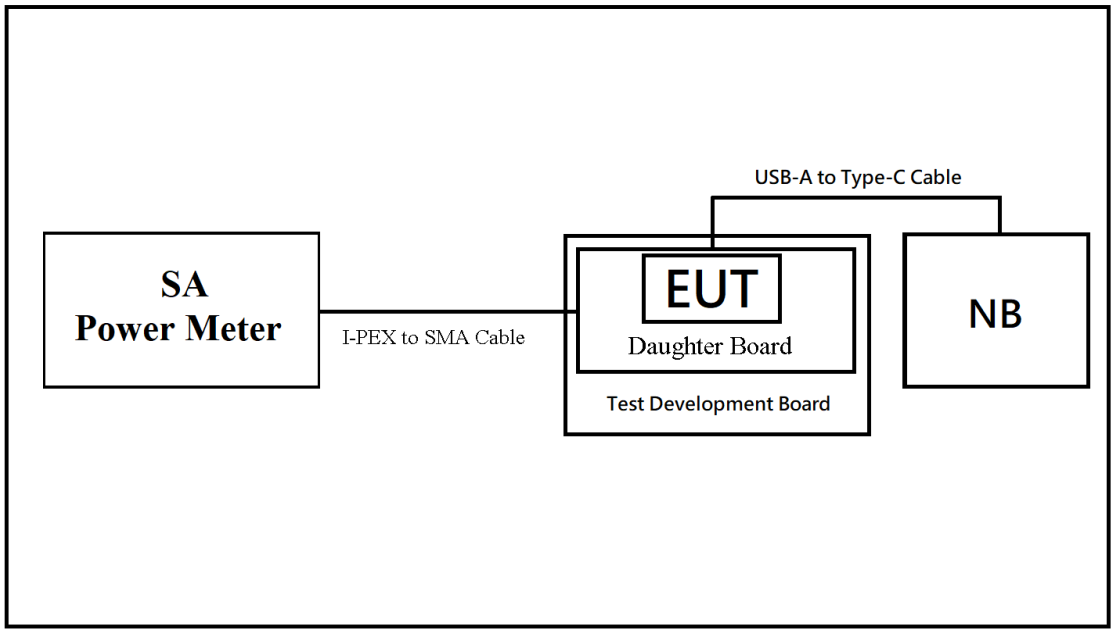
Above 1GHz:



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 Z 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	RLK250801005-2
2	Conducted Test	RLK250801005-1
3	Conduction Test	RLK250801005-2

Worse	
WiFi 5G	B1 : N20-5200 MHz
	B2 : A-5260 MHz
	B3 : N20-5700 MHz
	B4 : AC20-5785 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	13
		60	5300	13
		64	5320	11
UNII-2C		100	5500	12
		116	5580	12
		136	5680	11
		140	5700	5
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	12
		60	5300	12
		64	5320	10
UNII-2C		100	5500	13
		116	5580	13
		136	5680	11
		140	5700	5
UNII-3		149	5745	10
		157	5785	12
		165	5825	12
UNII-1	802.11 ac20	36	5180	12
		40	5200	12
		48	5240	10
UNII-2A		52	5260	12
		60	5300	12
		64	5320	10
UNII-2C		100	5500	13
		116	5580	13
		136	5680	11
		140	5700	4
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	11
		64	5320	9
UNII-2C		100	5500	13
		116	5580	13
		136	5680	11
		140	5700	5
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	I-PEX to SMA Cable (Customer provided)	TAOGLAS	0.2m
6	Antenna (Customer provided)	ARISTOTLE	RFA-27-H60-U-GB70
7	Daughter Board (Customer provided)	RENESAS	RRQ610x1 565-16-B

3.6 測試描述

1. 將 EUT 插入 Test Development Board 上，使用線材連接 Test Development Board 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	0.91	0.99	0.99
Duty factor	0.18	0.41	0	0

4. 電源線傳導干擾之量測

4.1 適用標準

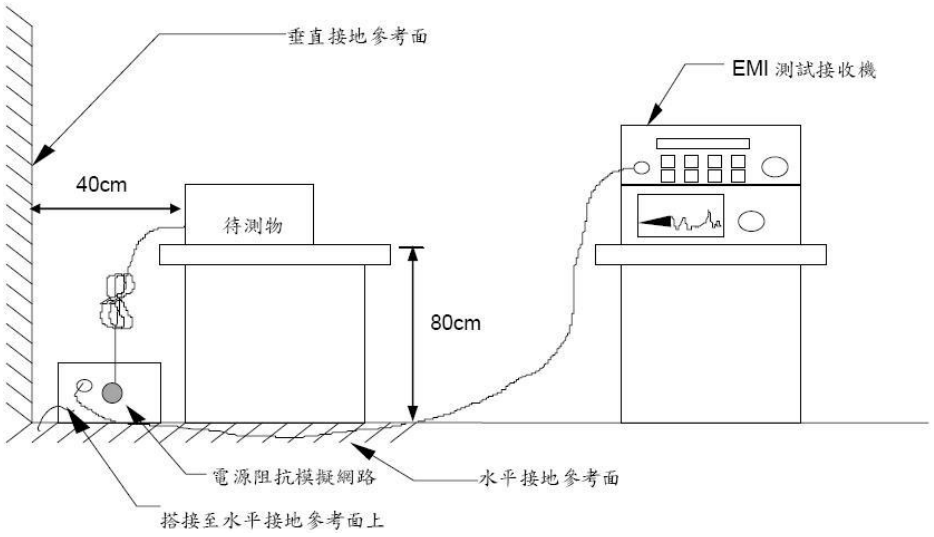
依據低功率射頻器材技術規範，電源傳導干擾之限制要求如下:

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

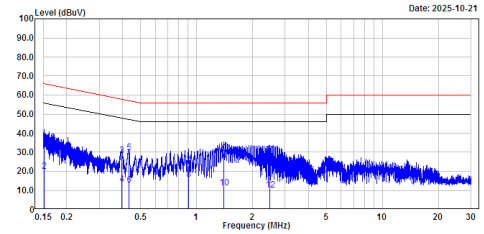
電源傳導干擾電壓之計算公式如下

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

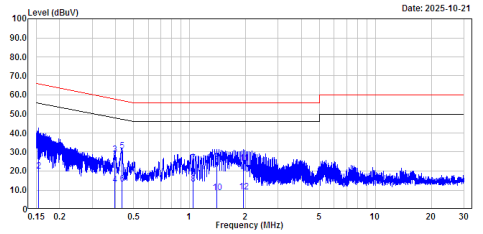
B1 Line



Site : Conduction
Condition: Line
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B1-N20-TX-5200

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1521	11.99	31.97	19.98	65.88	-33.91	QP
2	0.1521	0.20	20.18	19.98	55.88	-35.70	Average
3	0.3951	8.46	28.48	20.02	57.96	-29.48	QP
4	0.3951	-6.88	13.14	20.02	47.96	-34.82	Average
5	0.4319	9.96	29.99	20.03	57.22	-27.23	QP
6	0.4319	-7.13	12.90	20.03	47.22	-34.32	Average
7	0.9066	2.99	23.03	20.04	56.00	-32.97	QP
8	0.9066	-4.04	16.00	20.04	46.00	-30.00	Average
9	1.4032	9.45	29.49	20.04	56.00	-26.51	QP
10	1.4032	-8.58	11.46	20.04	46.00	-34.54	Average
11	2.4879	9.00	29.07	20.07	56.00	-26.93	QP
12	2.4879	-10.07	10.00	20.07	46.00	-36.00	Average

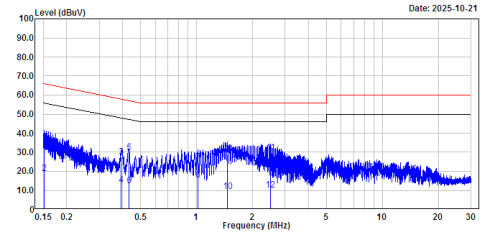
B1 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B1-N20-TX-5200

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1538	11.53	31.54	20.01	65.79	-34.25	QP
2	0.1538	0.15	20.16	20.01	55.79	-35.63	Average
3	0.3971	8.72	28.70	19.98	57.91	-29.21	QP
4	0.3971	-7.31	12.67	19.98	47.91	-35.24	Average
5	0.4327	10.48	30.47	19.99	57.20	-26.73	QP
6	0.4327	-6.97	13.02	19.99	47.20	-34.18	Average
7	1.0480	4.08	24.09	20.01	56.00	-31.91	QP
8	1.0480	-6.63	13.38	20.01	46.00	-32.62	Average
9	1.3976	4.90	24.92	20.02	56.00	-31.08	QP
10	1.3976	-11.47	8.55	20.02	46.00	-37.45	Average
11	1.9534	4.05	24.10	20.05	56.00	-31.90	QP
12	1.9534	-11.06	8.99	20.05	46.00	-37.01	Average

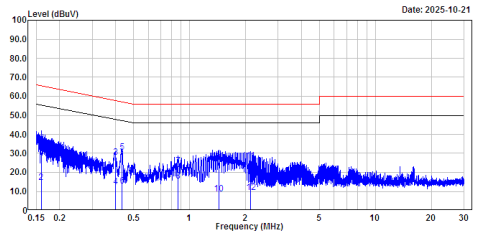
B2 Line



Site : Conduction
Condition: Line
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B2-A-TX-5260

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1509	11.67	31.65	19.98	65.95	-34.30	QP
2	0.1509	-1.10	18.88	19.98	55.95	-37.07	Average
3	0.3943	7.59	27.61	20.02	57.97	-30.36	QP
4	0.3943	-7.28	12.74	20.02	47.97	-35.23	Average
5	0.4323	9.94	29.97	20.03	57.21	-27.24	QP
6	0.4323	-7.40	12.63	20.03	47.21	-34.58	Average
7	1.0140	4.71	24.75	20.04	56.00	-31.25	QP
8	1.0140	-4.68	15.36	20.04	46.00	-30.64	Average
9	1.4692	9.10	29.16	20.06	56.00	-26.84	QP
10	1.4692	-10.79	9.27	20.06	46.00	-36.73	Average
11	2.4904	9.76	29.83	20.07	56.00	-26.17	QP
12	2.4904	-9.88	10.19	20.07	46.00	-35.81	Average

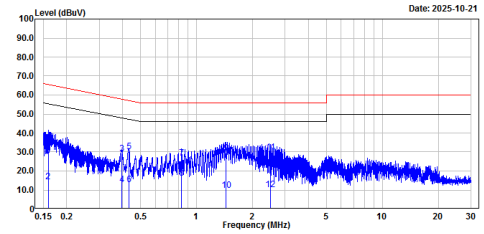
B2 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B2-A-TX-5260

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1591	10.47	30.47	20.00	65.51	-35.04	QP
2	0.1591	-5.42	14.58	20.00	55.51	-40.93	Average
3	0.3987	7.84	27.82	19.98	57.88	-30.06	QP
4	0.3987	-7.70	12.28	19.98	47.88	-35.60	Average
5	0.4332	10.41	30.40	19.99	57.19	-26.79	QP
6	0.4332	-6.99	13.00	19.99	47.19	-34.19	Average
7	0.8642	3.25	23.26	20.01	56.00	-32.74	QP
8	0.8642	-4.61	15.40	20.01	46.00	-30.60	Average
9	1.4344	5.11	25.15	20.04	56.00	-30.85	QP
10	1.4344	-11.31	8.73	20.04	46.00	-37.27	Average
11	2.1266	6.02	26.07	20.05	56.00	-29.93	QP
12	2.1266	-10.69	9.36	20.05	46.00	-36.64	Average

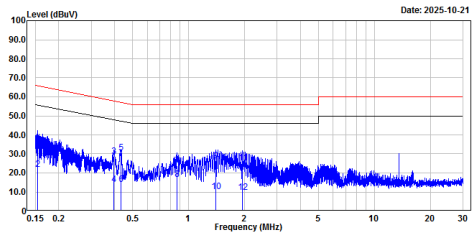
B3 Line



Site : Conduction
Condition: Line
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B3-N20-TX-5580

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1591	10.49	30.47	19.98	65.51	-35.04	QP
2	0.1591	-5.48	14.50	19.98	55.51	-41.01	Average
3	0.3971	9.08	29.10	20.02	57.91	-28.81	QP
4	0.3971	-7.35	12.67	20.02	47.91	-35.24	Average
5	0.4323	10.10	30.13	20.03	57.21	-27.08	QP
6	0.4323	-7.24	12.79	20.03	47.21	-34.42	Average
7	0.8311	6.72	26.76	20.04	56.00	-29.24	QP
8	0.8311	-3.79	16.25	20.04	46.00	-29.75	Average
9	1.4358	9.21	29.27	20.06	56.00	-26.73	QP
10	1.4358	-10.17	9.89	20.06	46.00	-36.11	Average
11	2.4904	9.58	29.65	20.07	56.00	-26.35	QP
12	2.4904	-10.01	10.06	20.07	46.00	-35.94	Average

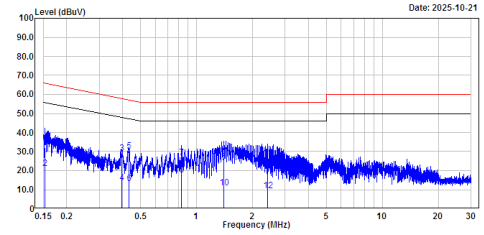
B3 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B3-N20-TX-5580

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1546	11.22	31.23	20.01	65.75	-34.52	QP
2	0.1546	1.97	21.98	20.01	55.75	-33.77	Average
3	0.3975	8.77	28.75	19.98	57.91	-29.16	QP
4	0.3975	-6.01	13.97	19.98	47.91	-33.94	Average
5	0.4332	10.50	30.49	19.99	57.19	-26.70	QP
6	0.4332	-6.21	13.78	19.99	47.19	-33.41	Average
7	0.8650	3.81	23.82	20.01	56.00	-32.18	QP
8	0.8650	-3.22	16.79	20.01	46.00	-29.21	Average
9	1.4032	6.41	26.43	20.02	56.00	-29.57	QP
10	1.4032	-9.88	10.14	20.02	46.00	-35.86	Average
11	1.9534	5.09	25.14	20.05	56.00	-30.86	QP
12	1.9534	-10.27	9.78	20.05	46.00	-36.22	Average

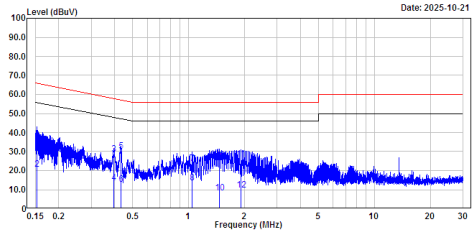
B4 Line



Site : Conduction
Condition: Line
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B4-N20-TX-5785

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1527	12.00	31.98	19.98	65.85	-33.87	QP
2	0.1527	1.21	21.19	19.98	55.85	-34.66	Average
3	0.3967	9.07	29.09	20.02	57.92	-28.83	QP
4	0.3967	-6.48	13.54	20.02	47.92	-34.38	Average
5	0.4327	10.20	30.23	20.03	57.20	-26.97	QP
6	0.4327	-6.85	13.18	20.03	47.20	-34.02	Average
7	0.8319	6.63	26.67	20.04	56.00	-29.33	QP
8	0.8319	-2.38	17.66	20.04	46.00	-28.34	Average
9	1.4046	6.42	26.46	20.04	56.00	-29.54	QP
10	1.4046	-9.04	11.00	20.04	46.00	-35.00	Average
11	2.4145	6.72	26.79	20.07	56.00	-29.21	QP
12	2.4145	-10.59	9.48	20.07	46.00	-36.52	Average

B4 Netural



Site : Conduction
Condition: Neutral
Job No : RLK250801005
Test By : Cedric Xu
Power : AC 110V/60Hz
Temp.(℃)/Hum.(%RH): 23.4℃/52%
Mode : WiFi 5G-B4-N20-TX-5785

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1523	11.37	31.38	20.01	65.88	-34.50	QP
2	0.1523	0.57	20.58	20.01	55.88	-35.30	Average
3	0.3975	8.80	28.78	19.98	57.91	-29.13	QP
4	0.3975	-6.57	13.41	19.98	47.91	-34.50	Average
5	0.4340	10.18	30.17	19.99	57.18	-27.01	QP
6	0.4340	-6.99	13.00	19.99	47.18	-34.18	Average
7	1.0491	3.59	23.60	20.01	56.00	-32.40	QP
8	1.0491	-6.44	13.57	20.01	46.00	-32.43	Average
9	1.4663	5.17	25.21	20.04	56.00	-30.79	QP
10	1.4663	-11.72	8.32	20.04	46.00	-37.68	Average
11	1.9167	6.04	26.09	20.05	56.00	-29.91	QP
12	1.9167	-10.31	9.74	20.05	46.00	-36.26	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

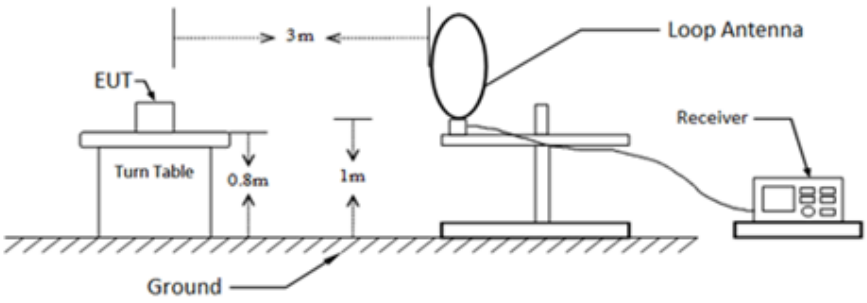


圖 2 :量測頻率30 MHz~ 1 GHz之測試配置

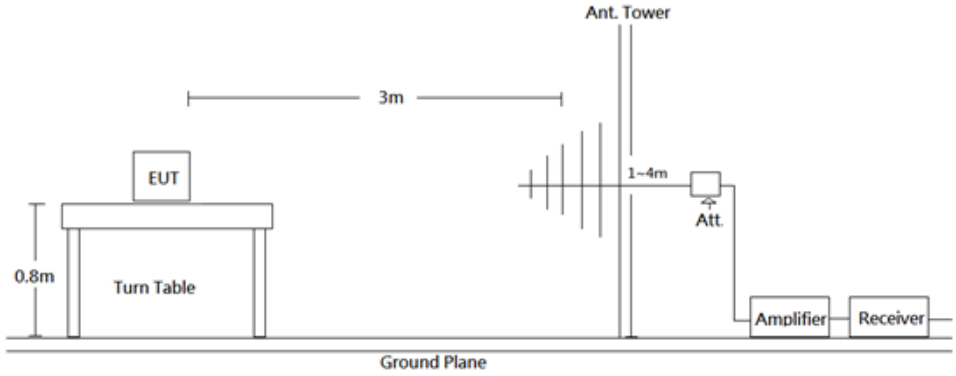


圖 3 : 量測頻率1 GHz以上之測試配置

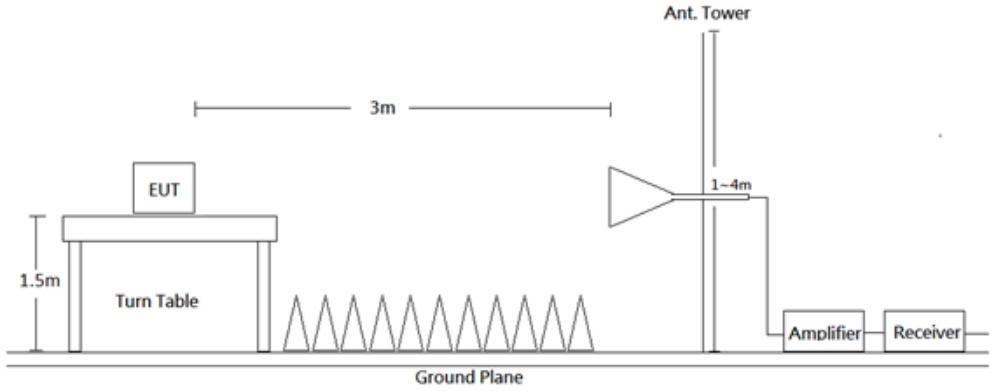
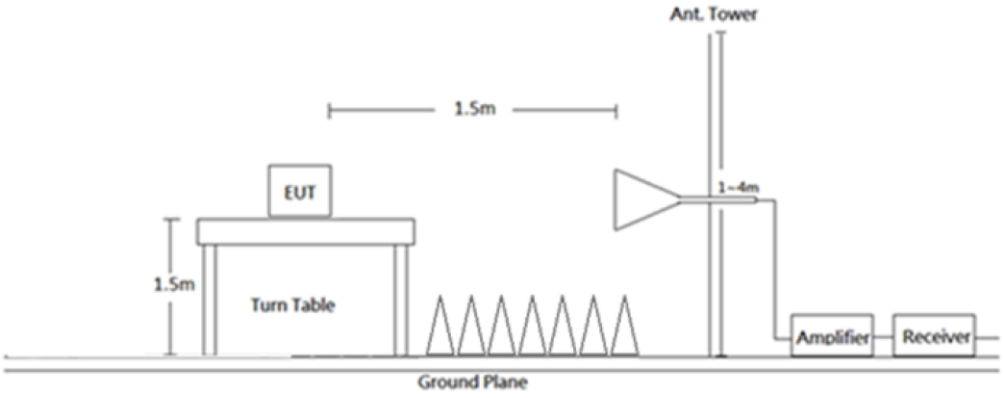


圖4: 量測頻率18GHz以上之測試配置



*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)

測試模式:Worst Power，此測試數據為最差模式。

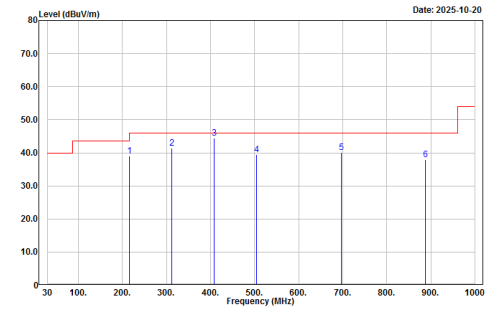
接收機 其它不必要之訊號 (1 GHz ~ 40 GHz)

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)

30MHz-1GHz

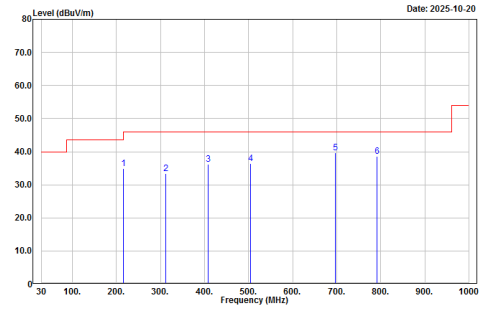
UNII-1 Band I Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 24.5℃/ 51%
Memo : N20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.56	-15.64	38.92	43.50	-4.58	QP
2	311.979	53.85	-12.41	41.44	46.00	-4.56	QP
3 !	407.977	54.61	-10.11	44.50	46.00	-1.50	QP
4	504.007	47.53	-8.10	39.43	46.00	-6.57	QP
5	696.002	45.27	-5.06	40.21	46.00	-5.79	QP
6	887.997	40.72	-2.73	37.99	46.00	-8.01	QP

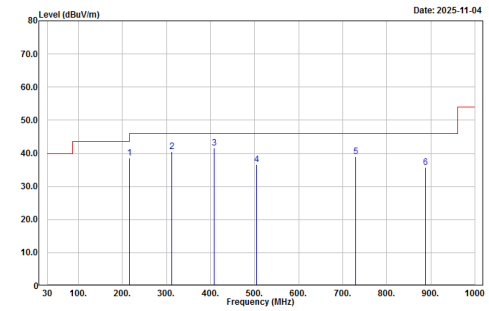
UNII-1 Band I Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 24.5℃/ 51%
Memo : N20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	50.45	-15.64	34.81	43.50	-8.69	QP
2	311.979	45.87	-12.41	33.46	46.00	-12.54	QP
3	407.977	46.30	-10.11	36.19	46.00	-9.81	QP
4	504.007	44.63	-8.10	36.53	46.00	-9.47	QP
5	696.002	44.77	-5.06	39.71	46.00	-6.29	QP
6	792.000	42.47	-3.78	38.69	46.00	-7.31	QP

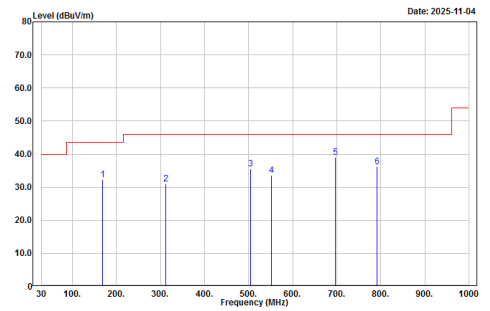
UNII-2A Band II Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.26	-15.64	38.62	43.50	-4.88	QP
2	311.979	52.85	-12.41	40.44	46.00	-5.56	QP
3	408.009	51.78	-10.11	41.67	46.00	-4.33	QP
4	504.007	44.72	-8.10	36.62	46.00	-9.38	QP
5	729.467	43.42	-4.46	38.96	46.00	-7.04	QP
6	887.997	38.46	-2.73	35.73	46.00	-10.27	QP

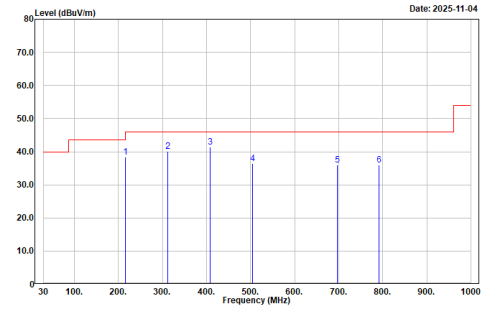
UNII-2A Band II Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	167.999	46.51	-14.13	32.38	43.50	-11.12	QP
2	311.979	43.51	-12.41	31.10	46.00	-14.90	QP
3	504.007	43.68	-8.10	35.58	46.00	-10.42	QP
4	551.989	40.89	-7.28	33.61	46.00	-12.39	QP
5	696.002	44.08	-5.06	39.02	46.00	-6.98	QP
6	792.000	40.00	-3.78	36.22	46.00	-9.78	QP

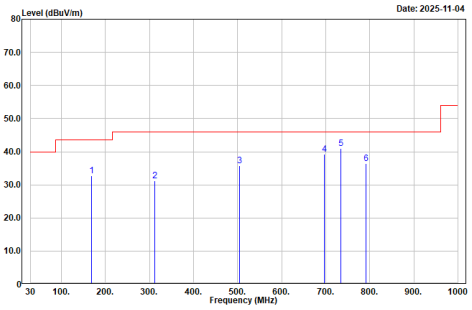
UNII-2C Band III Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.06	-15.64	38.42	43.50	-5.08	QP
2	311.979	52.54	-12.41	40.13	46.00	-5.87	QP
3	407.977	51.49	-10.11	41.38	46.00	-4.62	QP
4	504.007	44.62	-8.10	36.52	46.00	-9.48	QP
5	696.002	40.98	-5.06	35.92	46.00	-10.08	QP
6	792.000	39.77	-3.78	35.99	46.00	-10.01	QP

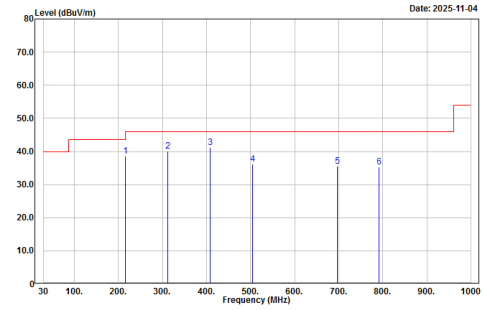
UNII-2C Band III Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	167.999	46.83	-14.13	32.70	43.50	-10.80	QP
2	311.979	43.57	-12.41	31.16	46.00	-14.84	QP
3	504.007	43.84	-8.10	35.74	46.00	-10.26	QP
4	696.002	44.30	-5.06	39.24	46.00	-6.76	QP
5	733.961	45.54	-4.54	41.00	46.00	-5.00	QP
6	792.000	40.14	-3.78	36.36	46.00	-9.64	QP

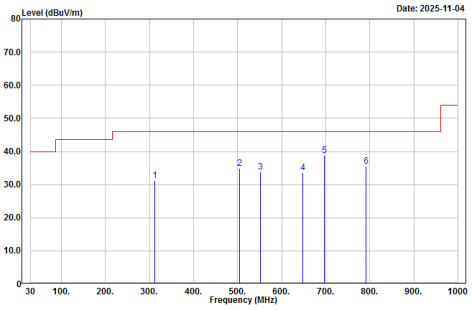
UNII-3 Band IV Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.23	-15.64	38.59	43.50	-4.91	QP
2	311.979	52.54	-12.41	40.13	46.00	-5.87	QP
3	408.009	51.35	-10.11	41.24	46.00	-4.76	QP
4	504.007	44.31	-8.10	36.21	46.00	-9.79	QP
5	696.002	40.57	-5.06	35.51	46.00	-10.49	QP
6	792.000	39.09	-3.78	35.31	46.00	-10.69	QP

UNII-3 Band IV Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-TX-5785

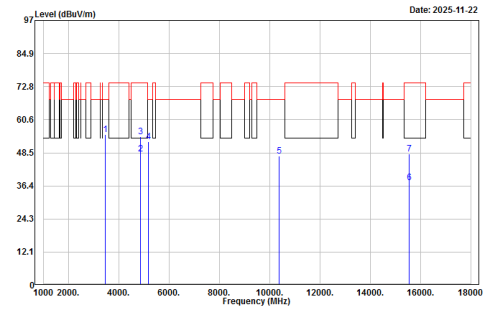
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	311.979	43.70	-12.41	31.29	46.00	-14.71	QP
2	504.007	43.02	-8.10	34.92	46.00	-11.08	QP
3	551.989	41.19	-7.28	33.91	46.00	-12.09	QP
4	647.987	39.10	-5.56	33.54	46.00	-12.46	QP
5	696.002	43.95	-5.06	38.89	46.00	-7.11	QP
6	792.000	39.25	-3.78	35.47	46.00	-10.53	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

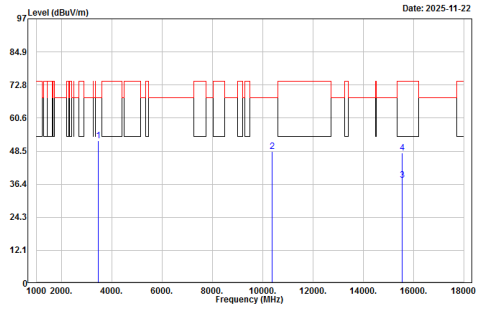
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	54.23	1.08	55.31	68.20	-12.89	Peak
2	4856.733	44.70	3.39	48.09	54.00	-5.91	Average
3	4856.733	50.96	3.39	54.35	74.00	-19.65	Peak
4	5183.133	48.85	3.80	52.65	68.20	-15.55	Peak
5	10360.000	34.42	13.02	47.44	68.20	-20.76	Peak
6	15540.000	23.06	14.65	37.71	54.00	-16.29	Average
7	15540.000	33.52	14.65	48.17	74.00	-25.83	Peak

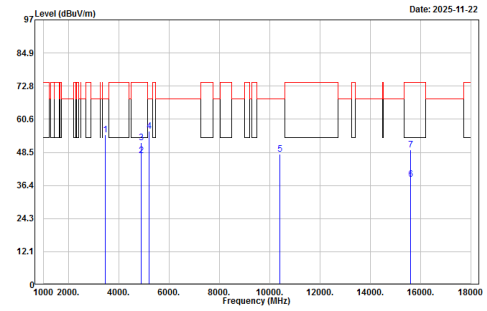
5180 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	51.27	1.08	52.35	68.20	-15.85	Peak
2	10360.000	35.43	13.02	48.45	68.20	-19.75	Peak
3	15540.000	23.17	14.65	37.82	54.00	-16.18	Average
4	15540.000	33.12	14.65	47.77	74.00	-26.23	Peak

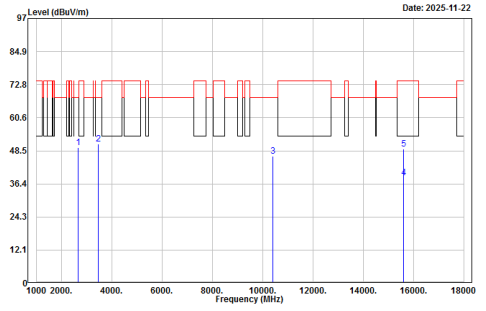
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	53.94	1.06	55.00	68.20	-13.20	Peak
2	4874.867	43.87	3.43	47.30	54.00	-6.70	Average
3	4874.867	48.54	3.43	51.97	74.00	-22.03	Peak
4	5203.533	52.57	3.81	56.38	68.20	-11.82	Peak
5	10400.000	34.85	12.99	47.84	68.20	-20.36	Peak
6	15600.000	24.12	14.39	38.51	54.00	-15.49	Average
7	15600.000	34.94	14.39	49.33	74.00	-24.67	Peak

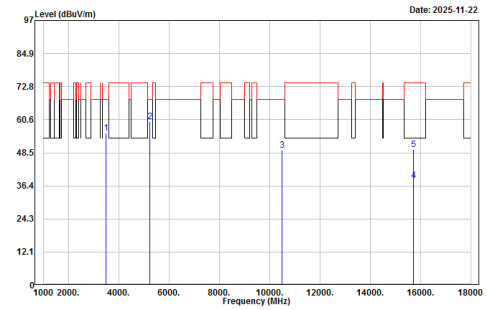
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2656.933	51.06	-1.34	49.72	68.20	-18.48	Peak
2	3466.700	49.86	1.06	50.92	68.20	-17.28	Peak
3	10400.000	33.67	12.99	46.66	68.20	-21.54	Peak
4	15600.000	24.36	14.39	38.75	54.00	-15.25	Average
5	15600.000	34.88	14.39	49.27	74.00	-24.73	Peak

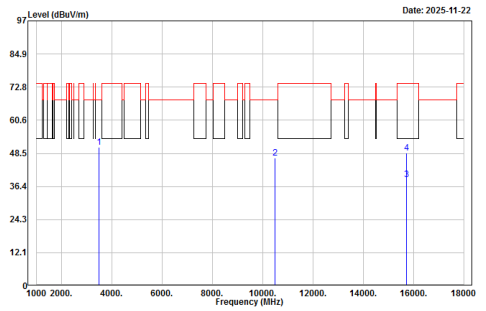
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	54.73	1.01	55.74	68.20	-12.46	Peak
2	5236.967	56.15	3.83	59.98	68.20	-8.22	Peak
3	10480.000	36.26	13.25	49.51	68.20	-18.69	Peak
4	15720.000	23.61	14.68	38.29	54.00	-15.71	Average
5	15720.000	35.01	14.68	49.69	74.00	-24.31	Peak

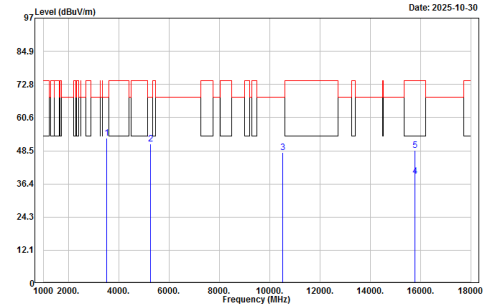
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	49.73	1.01	50.74	68.20	-17.46	Peak
2	10480.000	33.57	13.25	46.82	68.20	-21.38	Peak
3	15720.000	24.22	14.68	38.90	54.00	-15.10	Average
4	15720.000	33.85	14.68	48.53	74.00	-25.47	Peak

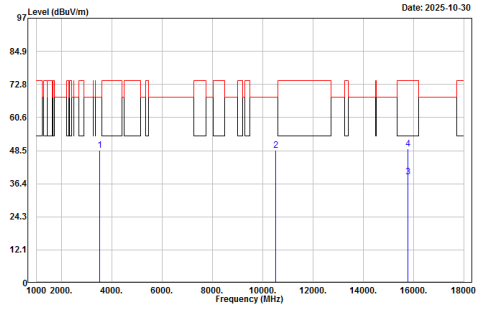
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.933	52.05	0.99	53.04	68.20	-15.16	Peak
2	5254.533	47.12	3.85	50.97	68.20	-17.23	Peak
3	10520.000	34.52	13.33	47.85	68.20	-20.35	Peak
4	15780.000	24.17	14.94	39.11	54.00	-14.89	Average
5	15780.000	33.66	14.94	48.60	74.00	-25.40	Peak

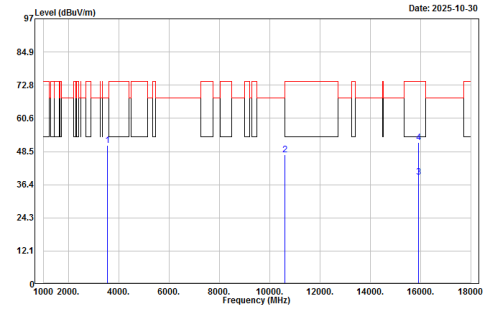
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.933	47.56	0.99	48.55	68.20	-19.65	Peak
2	10520.000	35.24	13.33	48.57	68.20	-19.63	Peak
3	15780.000	24.07	14.94	39.01	54.00	-14.99	Average
4	15780.000	34.22	14.94	49.16	74.00	-24.84	Peak

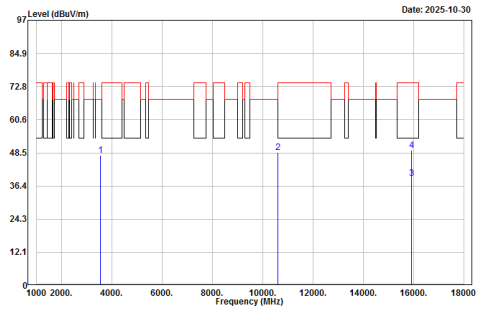
5300 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.567	49.80	0.99	50.79	68.20	-17.41	Peak
2	10600.000	33.83	13.49	47.32	68.20	-20.88	Peak
3	15900.000	23.87	15.25	39.12	54.00	-14.88	Average
4	15900.000	36.48	15.25	51.73	74.00	-22.27	Peak

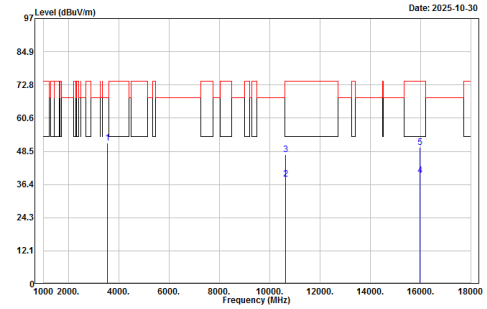
5300 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.567	46.46	0.99	47.45	68.20	-20.75	Peak
2	10600.000	35.27	13.49	48.76	68.20	-19.44	Peak
3	15900.000	24.05	15.25	39.30	54.00	-14.70	Average
4	15900.000	34.28	15.25	49.53	74.00	-24.47	Peak

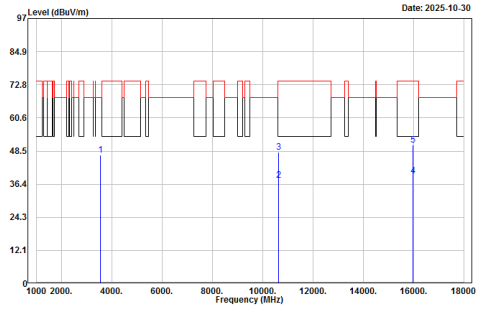
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	50.57	0.99	51.56	68.20	-16.64	Peak
2	10640.000	24.89	13.52	38.41	54.00	-15.59	Average
3	10640.000	33.73	13.52	47.25	74.00	-26.75	Peak
4	15960.000	24.76	14.94	39.70	54.00	-14.30	Average
5	15960.000	34.97	14.94	49.91	74.00	-24.09	Peak

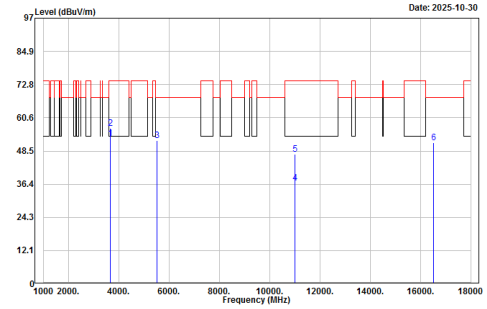
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	46.06	0.99	47.05	68.20	-21.15	Peak
2	10640.000	24.24	13.52	37.76	54.00	-16.24	Average
3	10640.000	34.57	13.52	48.09	74.00	-25.91	Peak
4	15960.000	24.42	14.94	39.36	54.00	-14.64	Average
5	15960.000	35.84	14.94	50.78	74.00	-23.22	Peak

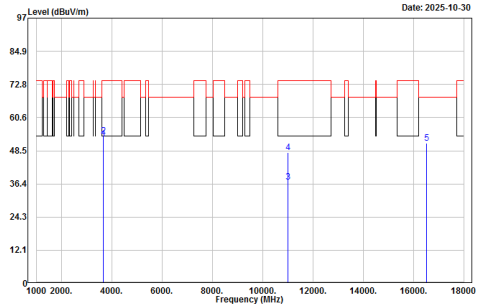
5500 MHz Horizontal




```
Site      : 966B Chamber
Condition: 3m horizontal
Job No    : RLK250801005
Model     : RRQ61051-009
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo      : A-TX-5500
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3667.300	51.86	1.25	53.11	54.00	-0.89	Average
2	3667.300	55.45	1.25	56.70	74.00	-17.30	Peak
3	5503.867	47.23	4.96	52.19	68.20	-16.01	Peak
4	11000.000	23.17	13.66	36.83	54.00	-17.17	Average
5	11000.000	33.61	13.66	47.27	74.00	-26.73	Peak
6	16500.000	35.15	16.47	51.62	68.20	-16.58	Peak

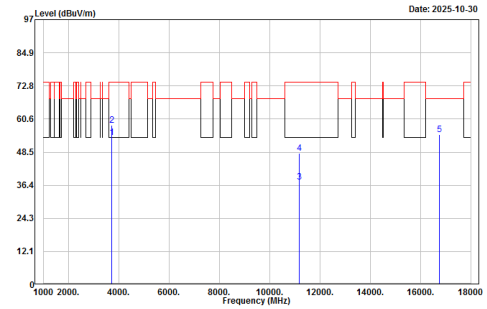
5500 MHz Vertical




```
Site      : 966B Chamber
Condition: 3m vertical
Job No    : RLK250801005
Model     : RRQ61051-009
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo      : A-TX-5500
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	51.53	1.25	52.78	54.00	-1.22	Average
2	3666.733	52.63	1.25	53.88	74.00	-20.12	Peak
3	11000.000	23.38	13.66	37.04	54.00	-16.96	Average
4	11000.000	34.24	13.66	47.90	74.00	-26.10	Peak
5	16500.000	34.83	16.47	51.30	68.20	-16.90	Peak

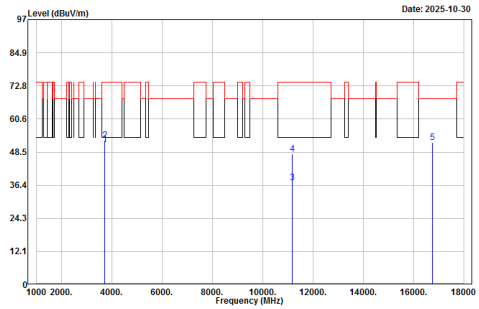
5580 MHz Horizontal




```
Site      : 966B Chamber
Condition: 3m Horizontal
Job No    : RLK250801005
Model     : RRQ61051-009
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo      : A-TX-5580
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	52.40	1.41	53.81	54.00	-0.19	Average
2	3720.000	56.95	1.41	58.36	74.00	-15.64	Peak
3	11160.000	23.77	13.76	37.53	54.00	-16.47	Average
4	11160.000	34.28	13.76	48.04	74.00	-25.96	Peak
5	16740.000	38.15	16.72	54.87	68.20	-13.33	Peak

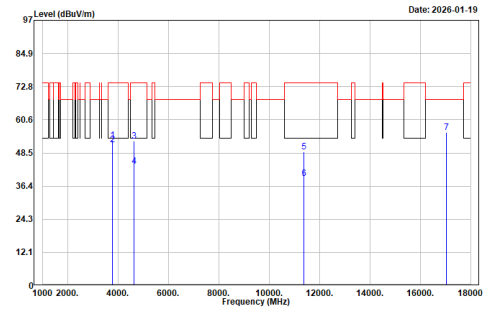
5580 MHz Vertical




```
Site      : 966B Chamber
Condition: 3m Vertical
Job No    : RLK250801005
Model     : RRQ61051-009
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo      : A-TX-5580
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	49.91	1.41	51.32	54.00	-2.68	Average
2	3720.000	51.34	1.41	52.75	74.00	-21.25	Peak
3	11160.000	23.69	13.76	37.45	54.00	-16.55	Average
4	11160.000	34.09	13.76	47.85	74.00	-26.15	Peak
5	16740.000	35.45	16.72	52.17	68.20	-16.03	Peak

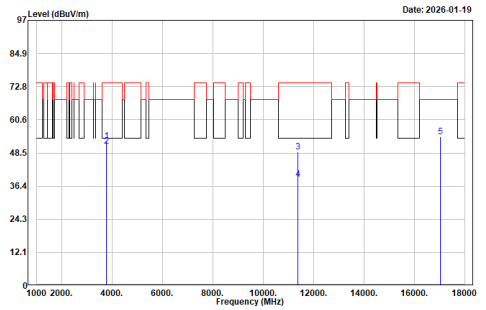
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : A-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	50.02	3.19	53.21	74.00	-20.79	Peak
2 !	3786.867	48.36	3.19	51.55	54.00	-2.45	Average
3	4617.600	48.38	4.53	52.91	74.00	-21.09	Peak
4	4617.600	39.18	4.53	43.71	54.00	-10.29	Average
5	11360.000	31.85	17.02	48.87	74.00	-25.13	Peak
6	11360.000	22.12	17.02	39.14	54.00	-14.86	Average
7	17040.000	35.43	20.60	56.03	68.20	-12.17	Peak

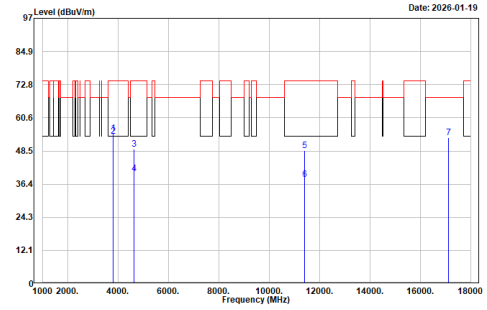
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : A-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	49.70	3.19	52.89	74.00	-21.11	Peak
2 !	3786.867	47.87	3.19	51.06	54.00	-2.94	Average
3	11360.000	31.83	17.02	48.85	74.00	-25.15	Peak
4	11360.000	21.81	17.02	38.83	54.00	-15.17	Average
5	17040.070	33.80	20.60	54.40	68.20	-13.80	Peak

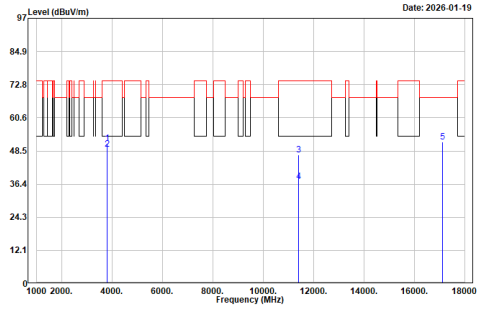
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61001-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : A-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	53.09	1.76	54.85	74.00	-19.15	Peak
2 !	3799.900	52.15	1.76	53.91	54.00	-0.09	Average
3	4630.067	46.26	2.87	49.13	74.00	-24.87	Peak
4	4630.067	37.23	2.87	40.10	54.00	-13.90	Average
5	11400.000	34.11	14.49	48.60	74.00	-25.40	Peak
6	11400.000	23.57	14.49	38.06	54.00	-15.94	Average
7	17100.000	35.78	17.68	53.46	68.20	-14.74	Peak

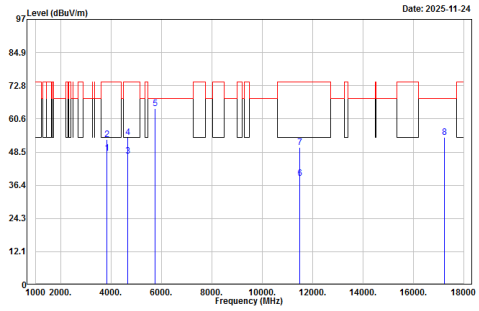
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61001-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : A-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	49.55	1.76	51.31	74.00	-22.69	Peak
2	3799.900	47.41	1.76	49.17	54.00	-4.83	Average
3	11400.000	32.56	14.49	47.05	74.00	-26.95	Peak
4	11400.000	22.74	14.49	37.23	54.00	-16.77	Average
5	17100.000	34.01	17.68	51.69	68.20	-16.51	Peak

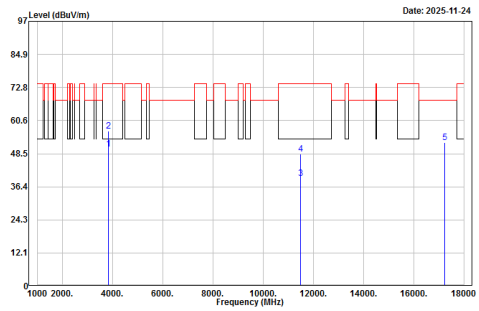
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	46.38	1.82	48.20	54.00	-5.80	Average
2	3829.933	51.18	1.82	53.00	74.00	-21.00	Peak
3	4667.467	44.18	2.96	47.14	54.00	-6.86	Average
4	4667.467	51.03	2.96	53.99	74.00	-20.01	Peak
5	5744.133	59.02	5.41	64.43	68.20	-3.77	Peak
6	11490.000	24.19	14.63	38.82	54.00	-15.18	Average
7	11490.000	35.58	14.63	50.21	74.00	-23.79	Peak
8	17235.000	35.86	17.92	53.78	68.20	-14.42	Peak

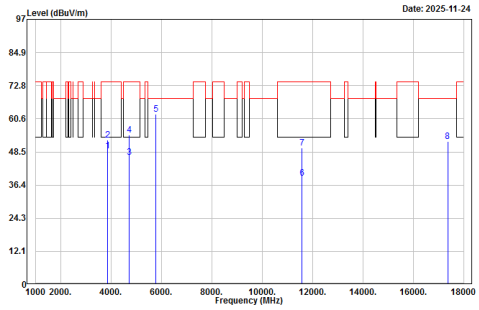
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	48.37	1.82	50.19	54.00	-3.81	Average
2	3829.933	54.98	1.82	56.80	74.00	-17.20	Peak
3	11490.000	24.71	14.63	39.34	54.00	-14.66	Average
4	11490.000	33.72	14.63	48.35	74.00	-25.65	Peak
5	17235.000	34.72	17.92	52.64	68.20	-15.56	Peak

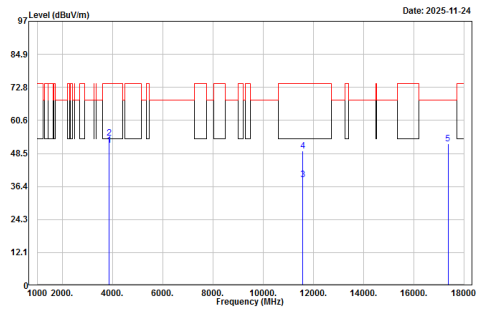
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	47.05	1.88	48.93	54.00	-5.07	Average
2	3856.567	50.89	1.88	52.77	74.00	-21.23	Peak
3	4704.867	43.40	3.04	46.44	54.00	-7.56	Average
4	4704.867	51.52	3.04	54.56	74.00	-19.44	Peak
5	5784.367	56.65	5.59	62.24	68.20	-5.96	Peak
6	11570.000	24.10	14.72	38.82	54.00	-15.18	Average
7	11570.000	35.22	14.72	49.94	74.00	-24.06	Peak
8	17355.000	34.07	18.26	52.33	68.20	-15.87	Peak

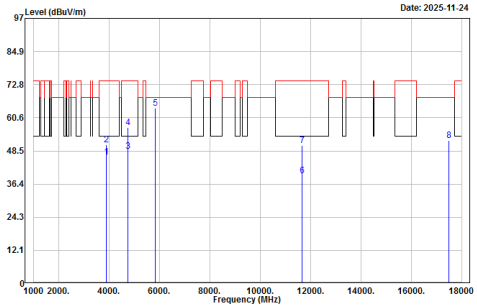
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5785

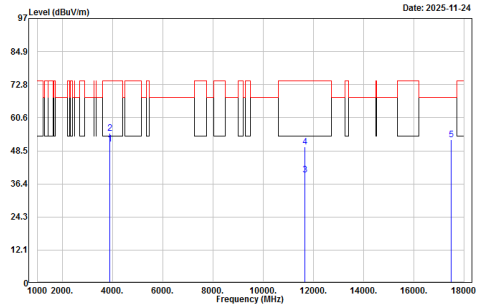
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3856.567	49.57	1.88	51.45	54.00	-2.55	Average
2	3856.567	52.37	1.88	54.25	74.00	-19.75	Peak
3	11570.000	24.14	14.72	38.86	54.00	-15.14	Average
4	11570.000	34.63	14.72	49.35	74.00	-24.65	Peak
5	17355.000	33.83	18.26	52.09	68.20	-16.11	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	44.25	1.98	46.23	54.00	-7.77	Average
2	3883.200	48.78	1.98	50.76	74.00	-23.24	Peak
3	4736.033	45.29	3.04	48.33	54.00	-5.67	Average
4	4736.033	54.13	3.04	57.17	74.00	-16.83	Peak
5	5819.500	58.26	5.76	64.02	68.20	-4.18	Peak
6	11650.000	24.53	14.82	39.35	54.00	-14.65	Average
7	11650.000	35.74	14.82	50.56	74.00	-23.44	Peak
8	17475.000	33.88	18.43	52.31	68.20	-15.89	Peak



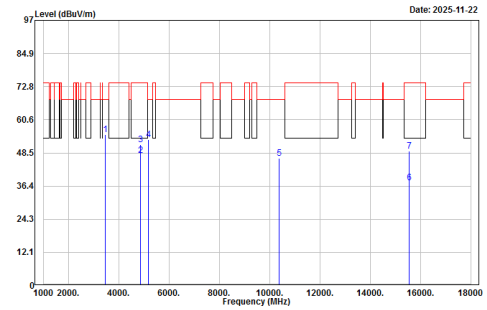
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : A-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3883.200	49.11	1.98	51.09	54.00	-2.91	Average
2	3883.200	53.08	1.98	55.06	74.00	-18.94	Peak
3	11650.000	24.88	14.82	39.70	54.00	-14.30	Average
4	11650.000	35.03	14.82	49.85	74.00	-24.15	Peak
5	17475.000	34.15	18.43	52.58	68.20	-15.62	Peak

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

IEEE 802.11 n20 Mode

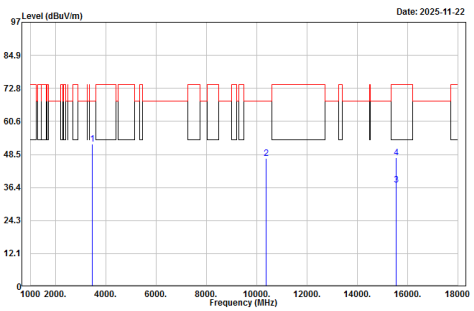
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	54.10	1.08	55.18	68.20	-13.02	Peak
2	4856.167	44.21	3.39	47.60	54.00	-6.40	Average
3	4856.167	48.22	3.39	51.61	74.00	-22.39	Peak
4	5184.267	49.66	3.80	53.46	68.20	-14.74	Peak
5	10360.000	33.64	13.02	46.66	68.20	-21.54	Peak
6	15540.000	23.06	14.65	37.71	54.00	-16.29	Average
7	15540.000	34.48	14.65	49.13	74.00	-24.87	Peak

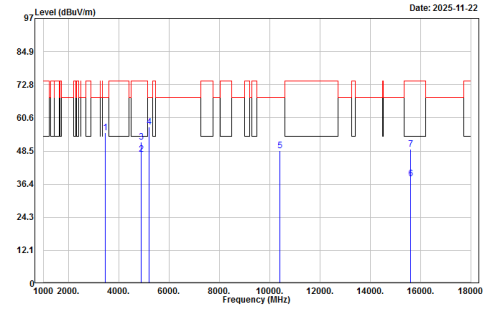
5180MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	51.20	1.08	52.28	68.20	-15.92	Peak
2	10360.000	34.07	13.02	47.09	68.20	-21.11	Peak
3	15540.000	22.79	14.65	37.44	54.00	-16.56	Average
4	15540.000	32.77	14.65	47.42	74.00	-26.58	Peak

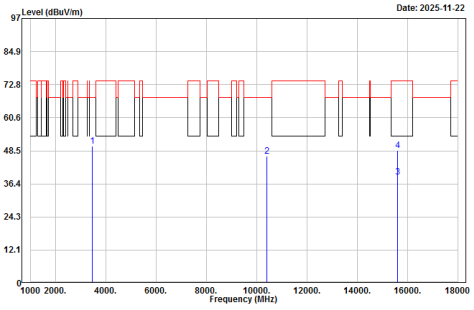
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	54.15	1.06	55.21	68.20	-12.99	Peak
2	4874.867	43.80	3.43	47.23	54.00	-6.77	Average
3	4874.867	48.23	3.43	51.66	74.00	-22.34	Peak
4	5204.667	53.56	3.81	57.37	68.20	-10.83	Peak
5	10399.870	35.55	12.99	48.54	68.20	-19.66	Peak
6	15600.000	23.91	14.39	38.30	54.00	-15.70	Average
7	15600.000	34.80	14.39	49.19	74.00	-24.81	Peak

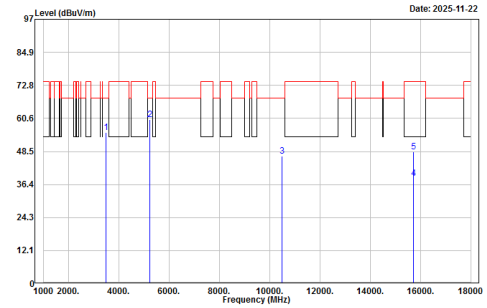
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	49.17	1.06	50.23	68.20	-17.97	Peak
2	10400.000	33.67	12.99	46.66	68.20	-21.54	Peak
3	15600.000	24.58	14.39	38.97	54.00	-15.03	Average
4	15600.000	34.36	14.39	48.75	74.00	-25.25	Peak

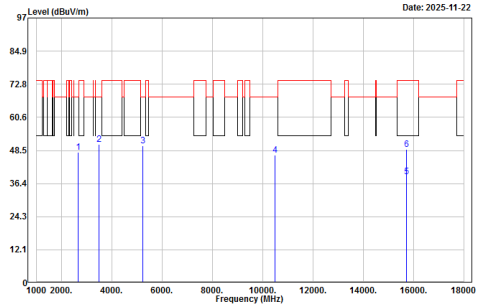
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	54.53	1.01	55.54	68.20	-12.66	Peak
2	5238.100	56.43	3.83	60.26	68.20	-7.94	Peak
3	10480.000	33.43	13.25	46.68	68.20	-21.52	Peak
4	15720.000	24.03	14.68	38.71	54.00	-15.29	Average
5	15720.000	33.58	14.68	48.26	74.00	-25.74	Peak

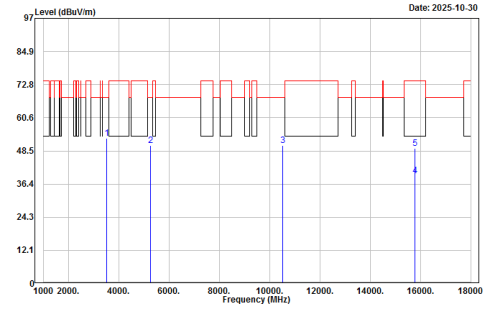
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2660.333	49.19	-1.27	47.92	68.20	-20.28	Peak
2	3493.333	49.63	1.01	50.64	68.20	-17.56	Peak
3	5236.400	46.48	3.83	50.31	68.20	-17.89	Peak
4	10480.000	33.44	13.25	46.69	68.20	-21.51	Peak
5	15720.000	24.28	14.68	38.96	54.00	-15.04	Average
6	15720.000	34.24	14.68	48.92	74.00	-25.08	Peak

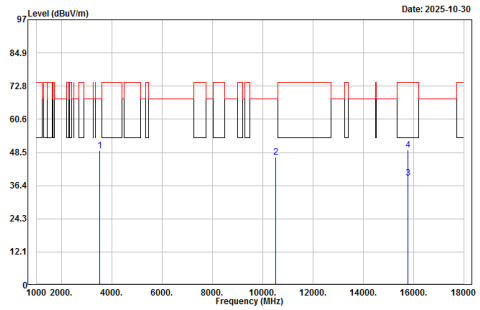
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	51.99	0.99	52.98	68.20	-15.22	Peak
2	5266.433	46.65	3.87	50.52	68.20	-17.68	Peak
3	10520.000	37.03	13.33	50.36	68.20	-17.84	Peak
4	15780.000	24.60	14.94	39.54	54.00	-14.46	Average
5	15780.000	34.43	14.94	49.37	74.00	-24.63	Peak

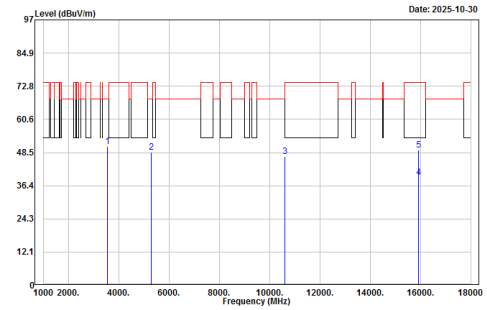
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	48.24	0.99	49.23	68.20	-18.97	Peak
2	10520.000	33.40	13.33	46.73	68.20	-21.47	Peak
3	15780.000	24.30	14.94	39.24	54.00	-14.76	Average
4	15780.000	34.58	14.94	49.52	74.00	-24.48	Peak

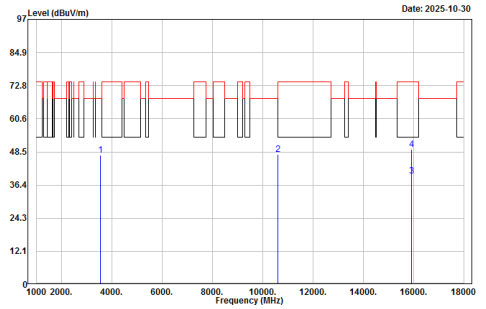
5300 MHz Horizontal




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Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : N20-TX-5300
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	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	49.71	0.99	50.70	68.20	-17.50	Peak
2	5297.033	44.71	3.95	48.66	68.20	-19.54	Peak
3	10600.000	33.69	13.49	47.18	68.20	-21.02	Peak
4	15900.000	24.19	15.25	39.44	54.00	-14.56	Average
5	15900.000	34.16	15.25	49.41	74.00	-24.59	Peak

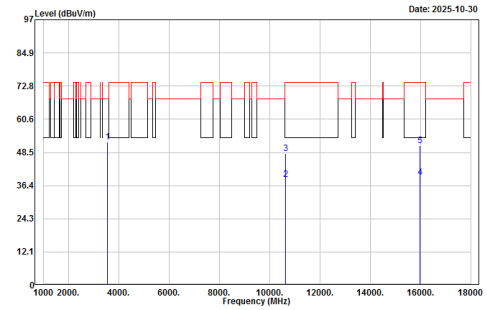
5300 MHz Vertical




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : N20-TX-5300
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	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	46.38	0.99	47.37	68.20	-20.83	Peak
2	10600.000	34.15	13.49	47.64	68.20	-20.56	Peak
3	15900.000	24.50	15.25	39.75	54.00	-14.25	Average
4	15900.000	34.16	15.25	49.41	74.00	-24.59	Peak

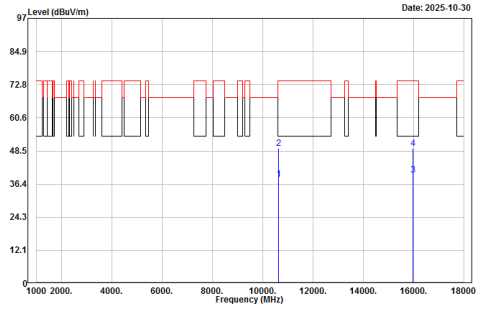
5320 MHz Horizontal




```
Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : N20-TX-5320
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3547.167	51.34	0.99	52.33	68.20	-15.87	Peak
2	10640.000	25.13	13.52	38.65	54.00	-15.35	Average
3	10640.000	34.69	13.52	48.21	74.00	-25.79	Peak
4	15960.000	24.41	14.94	39.35	54.00	-14.65	Average
5	15960.000	35.93	14.94	50.87	74.00	-23.13	Peak

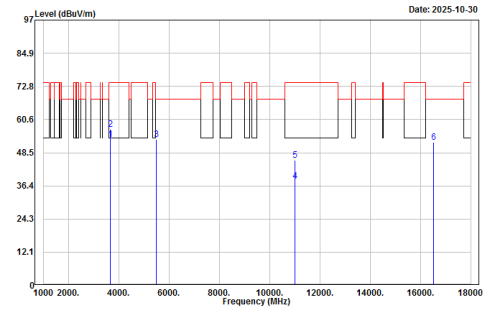
5320 MHz Vertical




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : N20-TX-5320
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	10640.000	24.63	13.52	38.15	54.00	-15.85	Average
2	10640.000	36.03	13.52	49.55	74.00	-24.45	Peak
3	15960.000	24.63	14.94	39.57	54.00	-14.43	Average
4	15960.000	34.59	14.94	49.53	74.00	-24.47	Peak

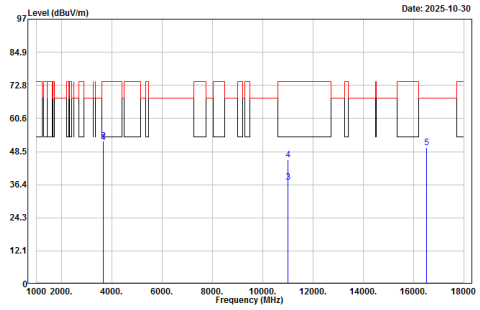
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	52.18	1.25	53.43	54.00	-0.57	Average
2	3666.733	55.74	1.25	56.99	74.00	-17.01	Peak
3	5496.500	48.40	4.93	53.33	68.20	-14.87	Peak
4	11000.000	24.45	13.66	38.11	54.00	-15.89	Average
5	11000.000	32.16	13.66	45.82	74.00	-28.18	Peak
6	16500.000	35.85	16.47	52.32	68.20	-15.88	Peak

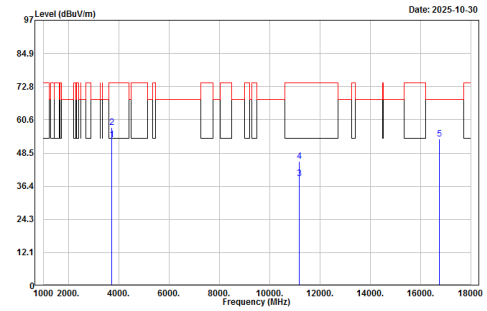
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	50.49	1.25	51.74	54.00	-2.26	Average
2	3666.733	51.02	1.25	52.27	74.00	-21.73	Peak
3	11000.000	23.58	13.66	37.24	54.00	-16.76	Average
4	11000.000	31.72	13.66	45.38	74.00	-28.62	Peak
5	16500.000	33.55	16.47	50.02	68.20	-18.18	Peak

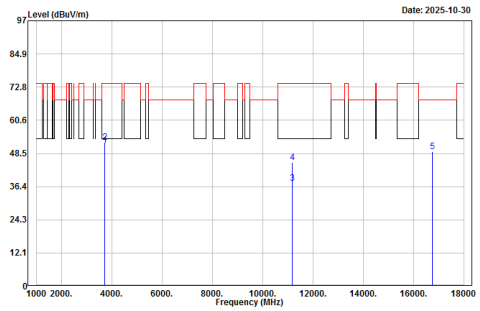
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	51.92	1.41	53.33	54.00	-0.67	Average
2	3720.000	56.35	1.41	57.76	74.00	-16.24	Peak
3	11160.000	25.52	13.76	39.28	54.00	-14.72	Average
4	11160.000	31.62	13.76	45.38	74.00	-28.62	Peak
5	16740.000	36.87	16.72	53.59	68.20	-14.61	Peak

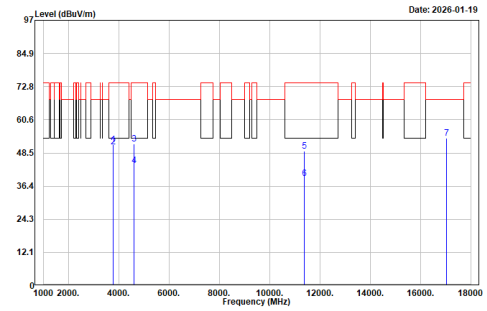
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	50.21	1.41	51.62	54.00	-2.38	Average
2	3720.000	51.08	1.41	52.49	74.00	-21.51	Peak
3	11160.000	23.74	13.76	37.50	54.00	-16.50	Average
4	11160.000	31.56	13.76	45.32	74.00	-28.68	Peak
5	16740.000	32.45	16.72	49.17	68.20	-19.03	Peak

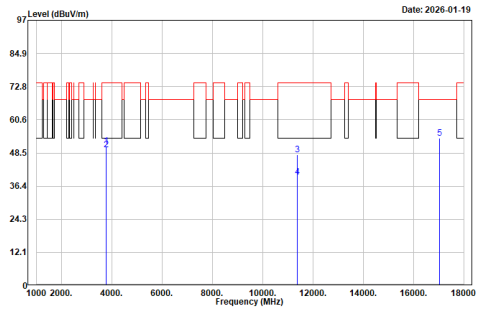
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : N20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	48.37	3.19	51.56	74.00	-22.44	Peak
2	3786.867	47.44	3.19	50.63	54.00	-3.37	Average
3	4614.767	47.20	4.51	51.71	74.00	-22.29	Peak
4	4614.767	39.41	4.51	43.92	54.00	-10.08	Average
5	11360.000	32.03	17.02	49.05	74.00	-24.95	Peak
6	11360.000	22.16	17.02	39.18	54.00	-14.82	Average
7	17040.000	33.25	20.60	53.85	68.20	-14.35	Peak

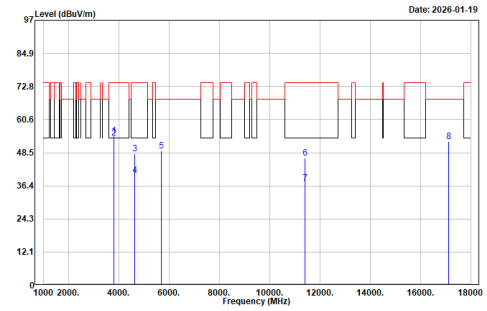
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : N20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	47.88	3.19	51.07	74.00	-22.93	Peak
2	3786.300	46.56	3.19	49.75	54.00	-4.25	Average
3	11360.000	30.87	17.02	47.89	74.00	-26.11	Peak
4	11360.000	22.70	17.02	39.72	54.00	-14.28	Average
5	17040.000	33.25	20.60	53.85	68.20	-14.35	Peak

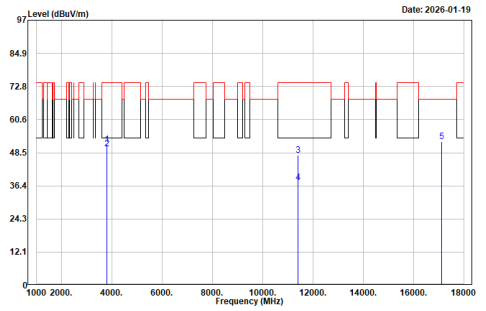
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : N20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	52.94	1.76	54.70	74.00	-19.30	Peak
2	3799.900	52.09	1.76	53.85	54.00	-0.15	Average
3	4635.733	45.34	2.89	48.23	74.00	-25.77	Peak
4	4635.733	37.39	2.89	40.28	54.00	-13.72	Average
5	5696.533	43.93	5.18	49.11	68.20	-19.09	Peak
6	11400.000	31.96	14.49	46.45	74.00	-27.55	Peak
7	11400.000	22.94	14.49	37.43	54.00	-16.57	Average
8	17100.000	34.84	17.68	52.52	68.20	-15.68	Peak

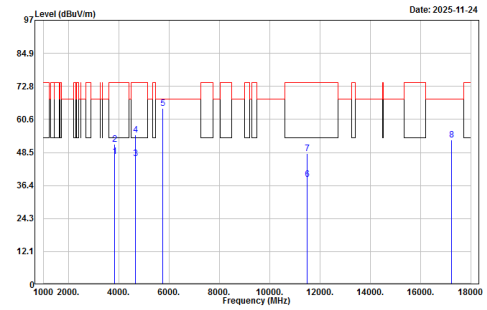
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : N20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	49.68	1.76	51.44	74.00	-22.56	Peak
2	3799.900	48.09	1.76	49.85	54.00	-4.15	Average
3	11400.000	32.98	14.49	47.47	74.00	-26.53	Peak
4	11400.000	23.00	14.49	37.49	54.00	-16.51	Average
5	17100.000	34.94	17.68	52.62	68.20	-15.58	Peak

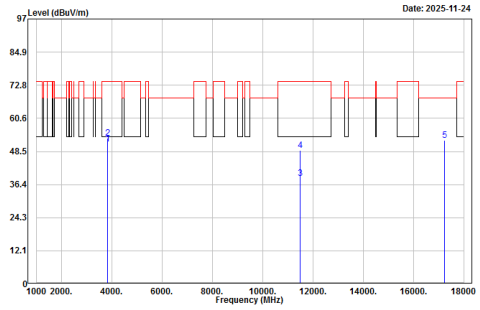
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	45.34	1.82	47.16	54.00	-6.84	Average
2	3829.933	49.71	1.82	51.53	74.00	-22.47	Peak
3	4668.600	43.25	2.97	46.22	54.00	-7.78	Average
4	4668.600	51.84	2.97	54.81	74.00	-19.19	Peak
5	5748.667	59.34	5.42	64.76	68.20	-3.44	Peak
6	11490.000	24.08	14.63	38.71	54.00	-15.29	Average
7	11490.000	33.58	14.63	48.21	74.00	-25.79	Peak
8	17235.000	35.25	17.92	53.17	68.20	-15.03	Peak

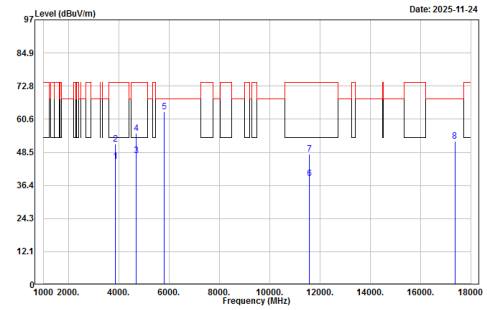
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3829.933	49.33	1.82	51.15	54.00	-2.85	Average
2	3829.933	51.47	1.82	53.29	74.00	-20.71	Peak
3	11490.000	24.08	14.63	38.71	54.00	-15.29	Average
4	11490.000	34.30	14.63	48.93	74.00	-25.07	Peak
5	17235.000	34.55	17.92	52.47	68.20	-15.73	Peak

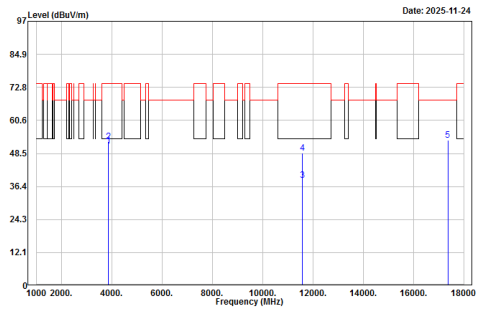
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	43.39	1.88	45.27	54.00	-8.73	Average
2	3856.567	49.57	1.88	51.45	74.00	-22.55	Peak
3	4700.333	44.22	3.04	47.26	54.00	-6.74	Average
4	4700.333	52.53	3.04	55.57	74.00	-18.43	Peak
5	5788.333	57.82	5.61	63.43	68.20	-4.77	Peak
6	11570.000	24.20	14.72	38.92	54.00	-15.08	Average
7	11570.000	33.07	14.72	47.79	74.00	-26.21	Peak
8	17355.000	34.36	18.26	52.62	68.20	-15.58	Peak

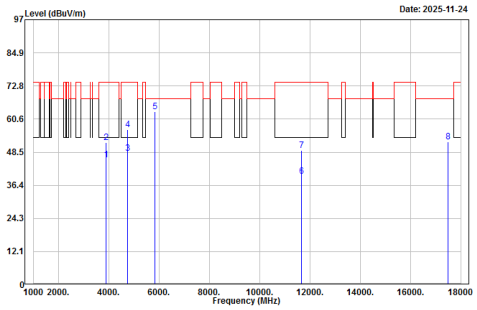
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5785

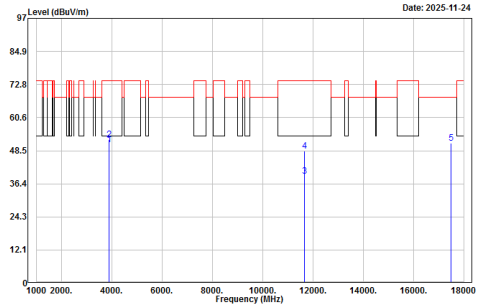
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3856.567	49.43	1.88	51.31	54.00	-2.69	Average
2	3856.567	51.05	1.88	52.93	74.00	-21.07	Peak
3	11570.000	24.01	14.72	38.73	54.00	-15.27	Average
4	11570.000	33.95	14.72	48.67	74.00	-25.33	Peak
5	17355.000	35.08	18.26	53.34	68.20	-14.86	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	43.67	1.98	45.65	54.00	-8.35	Average
2	3883.200	50.05	1.98	52.03	74.00	-21.97	Peak
3	4732.633	45.09	3.04	48.13	54.00	-5.87	Average
4	4732.633	53.86	3.04	56.90	74.00	-17.10	Peak
5	5821.200	57.63	5.76	63.39	68.20	-4.81	Peak
6	11650.000	24.78	14.82	39.60	54.00	-14.40	Average
7	11650.000	34.22	14.82	49.04	74.00	-24.96	Peak
8	17475.000	33.89	18.43	52.32	68.20	-15.88	Peak



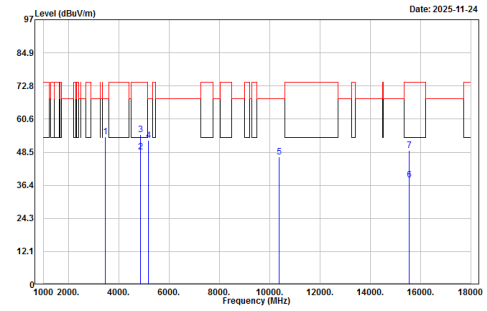
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : N20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.767	48.81	1.99	50.80	54.00	-3.20	Average
2	3883.767	50.54	1.99	52.53	74.00	-21.47	Peak
3	11650.000	24.39	14.82	39.21	54.00	-14.79	Average
4	11650.000	33.64	14.82	48.46	74.00	-25.54	Peak
5	17475.000	32.77	18.43	51.20	68.20	-17.00	Peak

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

IEEE 802.11 ac20 Mode

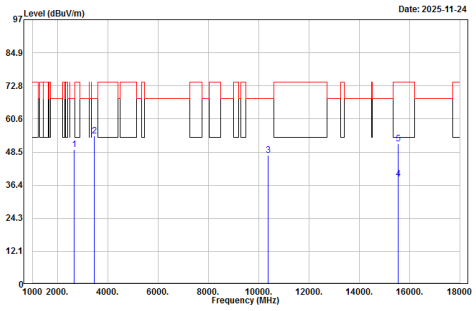
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	52.99	1.08	54.07	68.20	-14.13	Peak
2	4856.167	45.30	3.39	48.69	54.00	-5.31	Average
3	4856.733	51.68	3.39	55.07	74.00	-18.93	Peak
4	5185.967	49.11	3.80	52.91	68.20	-15.29	Peak
5	10360.000	33.87	13.02	46.89	68.20	-21.31	Peak
6	15540.000	23.85	14.65	38.50	54.00	-15.50	Average
7	15540.000	34.63	14.65	49.28	74.00	-24.72	Peak

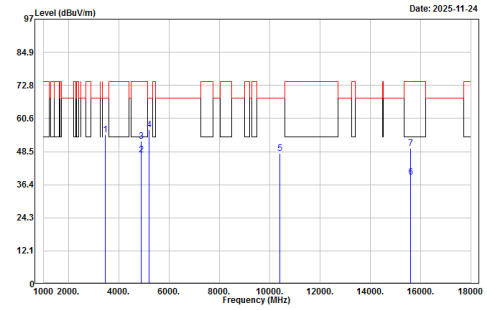
5180MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2666.000	50.61	-1.15	49.46	68.20	-18.74	Peak
2	3453.667	53.32	1.08	54.40	68.20	-13.80	Peak
3	10360.000	34.23	13.02	47.25	68.20	-20.95	Peak
4	15540.000	23.98	14.65	38.63	54.00	-15.37	Average
5	15540.000	36.75	14.65	51.40	74.00	-22.60	Peak

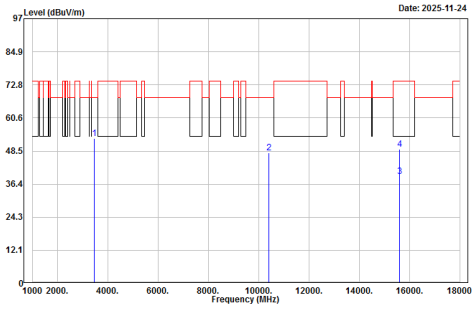
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	53.63	1.06	54.69	68.20	-13.51	Peak
2	4875.433	43.99	3.43	47.42	54.00	-6.58	Average
3	4875.433	48.76	3.43	52.19	74.00	-21.81	Peak
4	5204.667	52.73	3.81	56.54	68.20	-11.66	Peak
5	10400.000	34.87	12.99	47.86	68.20	-20.34	Peak
6	15600.000	24.79	14.39	39.18	54.00	-14.82	Average
7	15600.000	35.18	14.39	49.57	74.00	-24.43	Peak

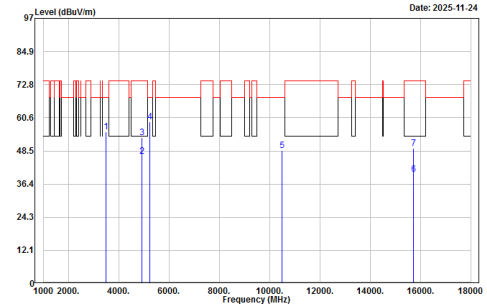
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	52.02	1.06	53.08	68.20	-15.12	Peak
2	10400.000	34.97	12.99	47.96	68.20	-20.24	Peak
3	15600.000	24.83	14.39	39.22	54.00	-14.78	Average
4	15600.000	34.89	14.39	49.28	74.00	-24.72	Peak

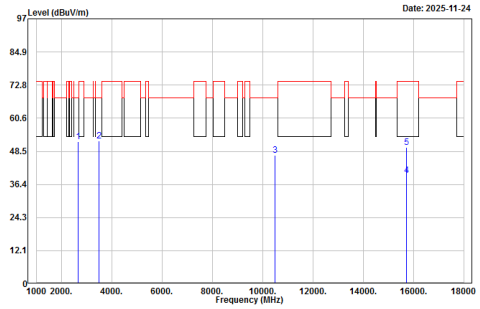
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	54.46	1.01	55.47	68.20	-12.73	Peak
2	4912.833	43.06	3.51	46.57	54.00	-7.43	Average
3	4912.833	49.76	3.51	53.27	74.00	-20.73	Peak
4	5239.233	55.22	3.83	59.05	68.20	-9.15	Peak
5	10480.000	35.34	13.25	48.59	68.20	-19.61	Peak
6	15720.000	25.16	14.68	39.84	54.00	-14.16	Average
7	15720.000	34.84	14.68	49.52	74.00	-24.48	Peak

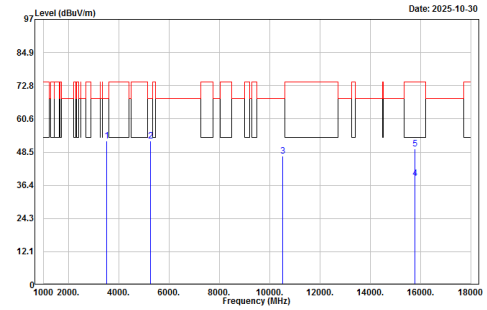
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2660.900	53.18	-1.26	51.92	68.20	-16.28	Peak
2	3493.333	51.35	1.01	52.36	68.20	-15.84	Peak
3	10480.000	33.68	13.25	46.93	68.20	-21.27	Peak
4	15720.000	25.04	14.68	39.72	54.00	-14.28	Average
5	15720.000	35.37	14.68	50.05	74.00	-23.95	Peak

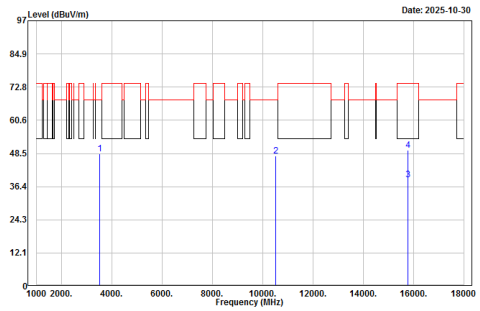
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	51.62	0.99	52.61	68.20	-15.59	Peak
2	5262.467	48.80	3.86	52.66	68.20	-15.54	Peak
3	10520.000	33.71	13.33	47.04	68.20	-21.16	Peak
4	15780.000	24.05	14.94	38.99	54.00	-15.01	Average
5	15780.000	34.81	14.94	49.75	74.00	-24.25	Peak

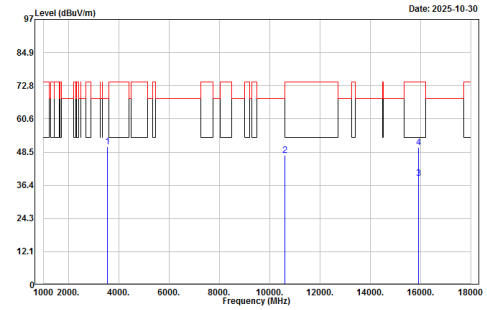
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	47.50	0.99	48.49	68.20	-19.71	Peak
2	10520.000	34.21	13.33	47.54	68.20	-20.66	Peak
3	15780.000	23.84	14.94	38.78	54.00	-15.22	Average
4	15780.000	34.73	14.94	49.67	74.00	-24.33	Peak

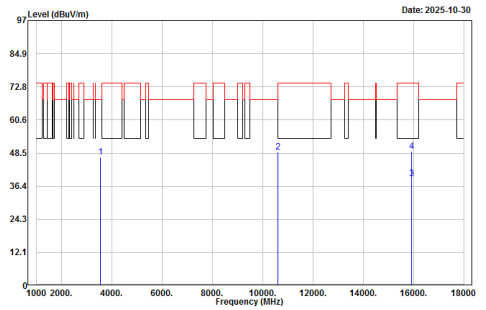
5300 MHz Horizontal




```
Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : AC20-TX-5300
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	49.44	0.99	50.43	68.20	-17.77	Peak
2	10600.000	33.81	13.49	47.30	68.20	-20.90	Peak
3	15900.000	23.63	15.25	38.88	54.00	-15.12	Average
4	15900.000	34.86	15.25	50.11	74.00	-23.89	Peak

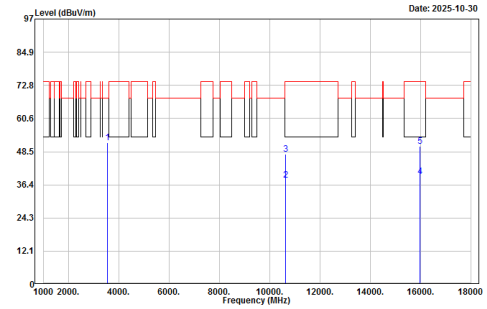
5300 MHz Vertical




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : AC20-TX-5300
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	46.19	0.99	47.18	68.20	-21.02	Peak
2	10600.000	35.30	13.49	48.79	68.20	-19.41	Peak
3	15900.000	24.01	15.25	39.26	54.00	-14.74	Average
4	15900.000	33.99	15.25	49.24	74.00	-24.76	Peak

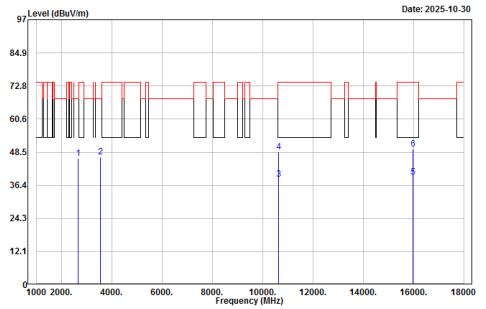
5320 MHz Horizontal




```
Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : AC20-TX-5320
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	50.75	0.99	51.74	68.20	-16.46	Peak
2	10640.000	24.65	13.52	38.17	54.00	-15.83	Average
3	10640.000	34.09	13.52	47.61	74.00	-26.39	Peak
4	15960.000	24.44	14.94	39.38	54.00	-14.62	Average
5	15960.000	35.55	14.94	50.49	74.00	-23.51	Peak

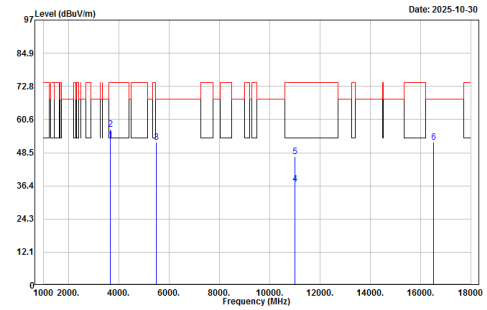
5320 MHz Vertical




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK250801005
Model    : RRQ61051-009
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo     : AC20-TX-5320
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2665.433	47.47	-1.16	46.31	68.20	-21.89	Peak
2	3547.167	45.83	0.99	46.82	68.20	-21.38	Peak
3	10640.000	25.04	13.52	38.56	54.00	-15.44	Average
4	10640.000	35.12	13.52	48.64	74.00	-25.36	Peak
5	15960.000	24.54	14.94	39.48	54.00	-14.52	Average
6	15960.000	34.73	14.94	49.67	74.00	-24.33	Peak

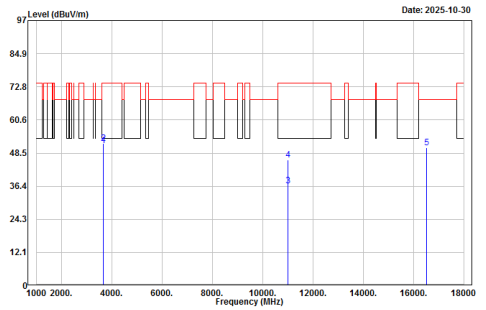
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	51.84	1.25	53.09	54.00	-0.91	Average
2	3666.733	55.85	1.25	57.10	74.00	-16.90	Peak
3	5499.333	47.25	4.95	52.20	68.20	-16.00	Peak
4	11000.000	23.30	13.66	36.96	54.00	-17.04	Average
5	11000.000	33.44	13.66	47.10	74.00	-26.90	Peak
6	16500.000	35.79	16.47	52.26	68.20	-15.94	Peak

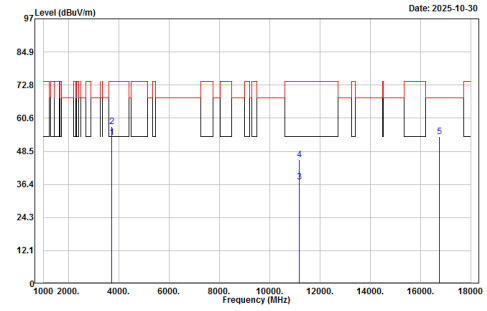
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	49.97	1.25	51.22	54.00	-2.78	Average
2	3666.733	50.76	1.25	52.01	74.00	-21.99	Peak
3	11000.000	22.95	13.66	36.61	54.00	-17.39	Average
4	11000.000	32.42	13.66	46.08	74.00	-27.92	Peak
5	16500.000	33.87	16.47	50.34	68.20	-17.86	Peak

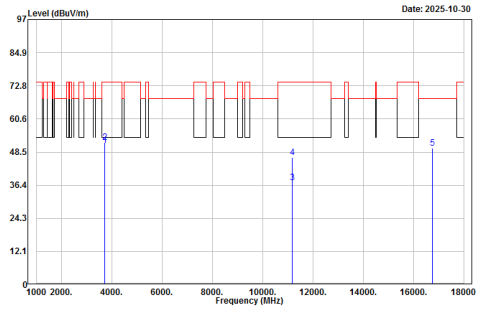
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	52.27	1.41	53.68	54.00	-0.32	Average
2	3720.000	56.16	1.41	57.57	74.00	-16.43	Peak
3	11160.000	23.51	13.76	37.27	54.00	-16.73	Average
4	11160.000	31.67	13.76	45.43	74.00	-28.57	Peak
5	16740.000	37.24	16.72	53.96	68.20	-14.24	Peak

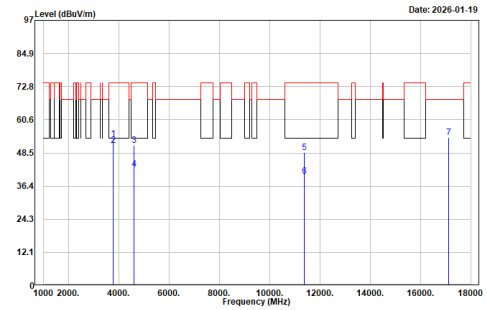
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3720.000	49.57	1.41	50.98	54.00	-3.02	Average
2	3720.000	50.68	1.41	52.09	74.00	-21.91	Peak
3	11160.000	23.53	13.76	37.29	54.00	-16.71	Average
4	11160.000	32.90	13.76	46.66	74.00	-27.34	Peak
5	16740.000	33.24	16.72	49.96	68.20	-18.24	Peak

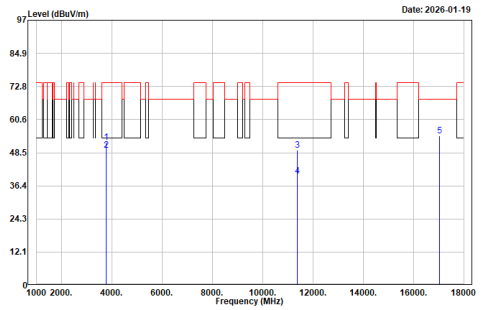
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : AC20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	50.35	3.19	53.54	74.00	-20.46	Peak
2 !	3786.867	48.01	3.19	51.20	54.00	-2.80	Average
3	4615.333	46.86	4.51	51.37	74.00	-22.63	Peak
4	4615.333	38.12	4.51	42.63	54.00	-11.37	Average
5	11360.000	31.53	17.02	48.55	74.00	-25.45	Peak
6	11360.000	23.01	17.02	40.03	54.00	-13.97	Average
7	17100.000	33.49	20.78	54.27	68.20	-13.93	Peak

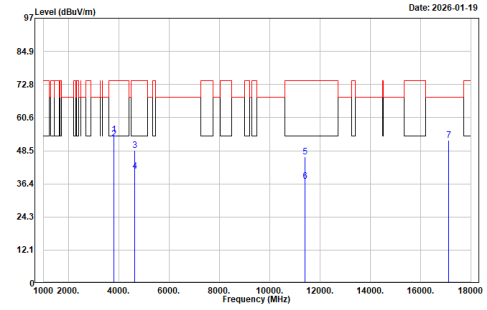
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : AC20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	49.00	3.19	52.19	74.00	-21.81	Peak
2	3786.867	46.32	3.19	49.51	54.00	-4.49	Average
3	11360.000	32.29	17.02	49.31	74.00	-24.69	Peak
4	11360.000	22.89	17.02	39.91	54.00	-14.09	Average
5	17040.070	33.99	20.60	54.59	68.20	-13.61	Peak

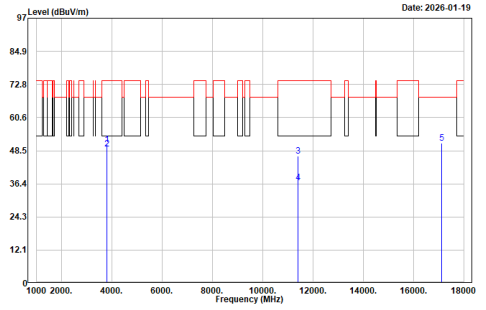
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61001-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : AC20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	52.71	1.76	54.47	74.00	-19.53	Peak
2 !	3799.900	51.06	1.76	52.82	54.00	-1.18	Average
3	4631.200	45.70	2.87	48.57	74.00	-25.43	Peak
4	4631.200	38.11	2.87	40.98	54.00	-13.02	Average
5	11400.000	31.84	14.49	46.33	74.00	-27.67	Peak
6	11400.000	22.87	14.49	37.36	54.00	-16.64	Average
7	17100.000	34.63	17.68	52.31	68.20	-15.89	Peak

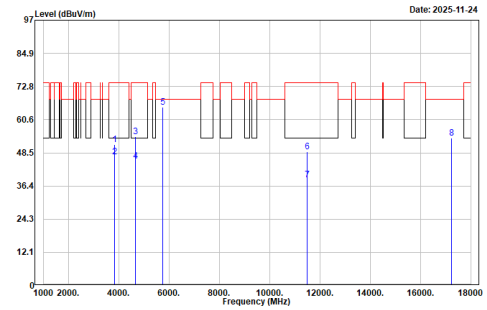
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61001-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : AC20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3800.467	48.87	1.76	50.63	74.00	-23.37	Peak
2	3800.467	47.37	1.76	49.13	54.00	-4.87	Average
3	11400.000	32.01	14.49	46.50	74.00	-27.50	Peak
4	11400.000	22.24	14.49	36.73	54.00	-17.27	Average
5	17100.000	33.68	17.68	51.36	68.20	-16.84	Peak

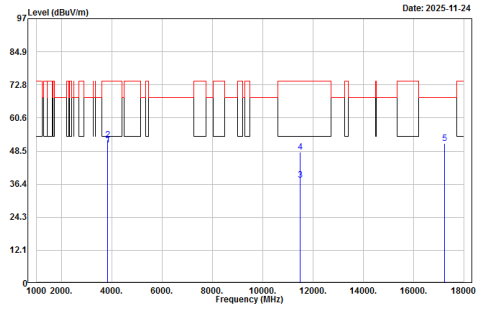
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	49.78	1.82	51.60	74.00	-22.40	Peak
2	3829.933	45.31	1.82	47.13	54.00	-6.87	Average
3	4670.867	51.57	2.97	54.54	74.00	-19.46	Peak
4	4670.867	42.49	2.97	45.46	54.00	-8.54	Average
5	5749.233	59.68	5.43	65.11	68.20	-3.09	Peak
6	11490.000	34.19	14.63	48.82	74.00	-25.18	Peak
7	11490.000	23.99	14.63	38.62	54.00	-15.38	Average
8	17235.000	35.95	17.92	53.87	68.20	-14.33	Peak

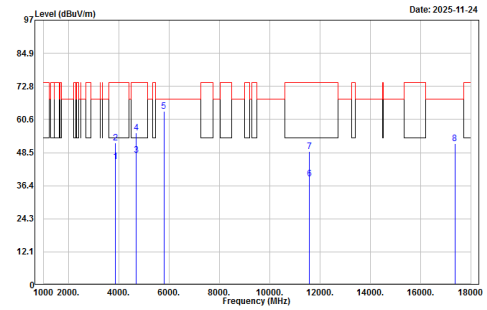
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	48.79	1.82	50.61	54.00	-3.39	Average
2	3829.933	50.89	1.82	52.71	74.00	-21.29	Peak
3	11490.000	23.24	14.63	37.87	54.00	-16.13	Average
4	11490.000	33.49	14.63	48.12	74.00	-25.88	Peak
5	17235.000	33.44	17.92	51.36	68.20	-16.84	Peak

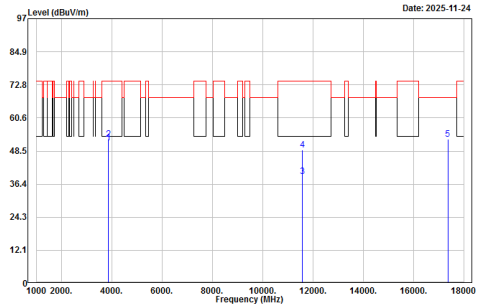
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3857.133	43.21	1.88	45.09	54.00	-8.91	Average
2	3857.133	50.10	1.88	51.98	74.00	-22.02	Peak
3	4699.767	44.57	3.04	47.61	54.00	-6.39	Average
4	4699.767	52.77	3.04	55.81	74.00	-18.19	Peak
5	5787.767	57.96	5.61	63.57	68.20	-4.63	Peak
6	11570.000	24.28	14.72	39.00	54.00	-15.00	Average
7	11570.000	34.04	14.72	48.76	74.00	-25.24	Peak
8	17355.000	33.63	18.26	51.89	68.20	-16.31	Peak

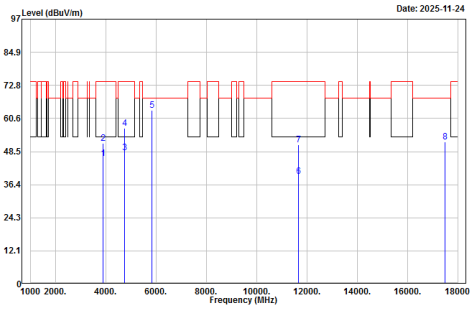
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5785

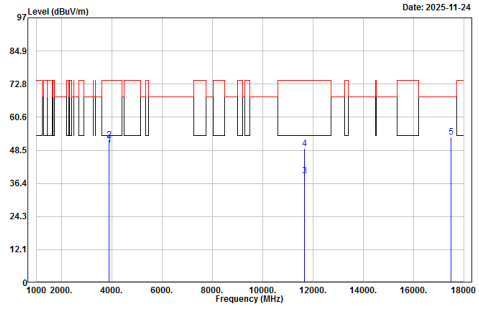
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3856.567	49.60	1.88	51.48	54.00	-2.52	Average
2	3856.567	50.93	1.88	52.81	74.00	-21.19	Peak
3	11570.000	24.35	14.72	39.07	54.00	-14.93	Average
4	11570.000	34.07	14.72	48.79	74.00	-25.21	Peak
5	17355.000	34.61	18.26	52.87	68.20	-15.33	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.767	44.02	1.99	46.01	54.00	-7.99	Average
2	3883.767	49.56	1.99	51.55	74.00	-22.45	Peak
3	4737.733	45.11	3.04	48.15	54.00	-5.85	Average
4	4737.733	53.93	3.04	56.97	74.00	-17.03	Peak
5	5821.767	57.72	5.77	63.49	68.20	-4.71	Peak
6	11650.000	24.70	14.82	39.52	54.00	-14.48	Average
7	11650.000	36.24	14.82	51.06	74.00	-22.94	Peak
8	17475.000	33.62	18.43	52.05	68.20	-16.15	Peak



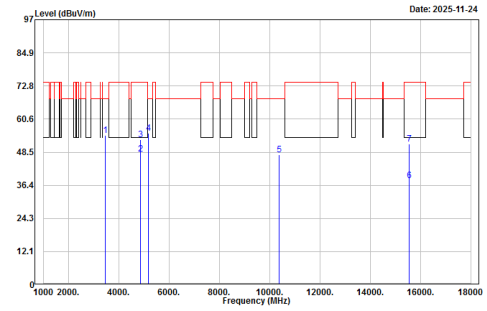
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AC20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.767	48.54	1.99	50.53	54.00	-3.47	Average
2	3883.767	50.45	1.99	52.44	74.00	-21.56	Peak
3	11650.000	24.46	14.82	39.28	54.00	-14.72	Average
4	11650.000	34.31	14.82	49.13	74.00	-24.87	Peak
5	17475.000	34.96	18.43	53.39	68.20	-14.81	Peak

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

IEEE 802.11 ax20 Mode

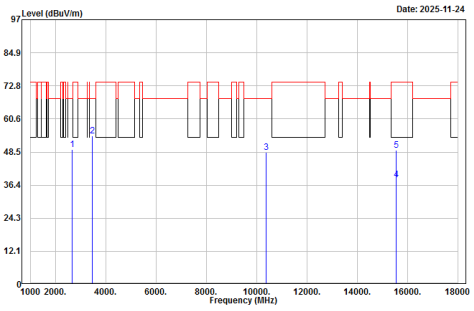
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	53.58	1.08	54.66	68.20	-13.54	Peak
2	4857.300	44.36	3.39	47.75	54.00	-6.25	Average
3	4857.300	49.67	3.39	53.06	74.00	-20.94	Peak
4	5180.867	51.56	3.80	55.36	68.20	-12.84	Peak
5	10360.000	34.49	13.02	47.51	68.20	-20.69	Peak
6	15540.000	23.57	14.65	38.22	54.00	-15.78	Average
7	15540.000	36.78	14.65	51.43	74.00	-22.57	Peak

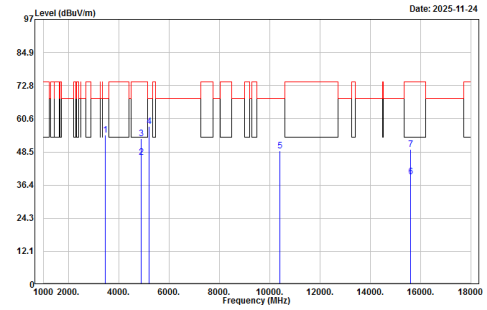
5180MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2658.067	50.78	-1.32	49.46	68.20	-18.74	Peak
2	3453.667	53.36	1.08	54.44	68.20	-13.76	Peak
3	10360.000	35.39	13.02	48.41	68.20	-19.79	Peak
4	15540.000	23.83	14.65	38.48	54.00	-15.52	Average
5	15540.000	34.60	14.65	49.25	74.00	-24.75	Peak

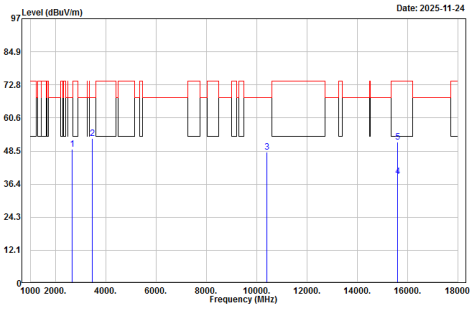
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3466.700	53.69	1.06	54.75	68.20	-13.45	Peak
2	4875.433	43.18	3.43	46.61	54.00	-7.39	Average
3	4875.433	49.95	3.43	53.38	74.00	-20.62	Peak
4	5205.800	54.14	3.81	57.95	68.20	-10.25	Peak
5	10400.000	35.81	12.99	48.80	68.20	-19.40	Peak
6	15600.000	25.02	14.39	39.41	54.00	-14.59	Average
7	15600.000	35.14	14.39	49.53	74.00	-24.47	Peak

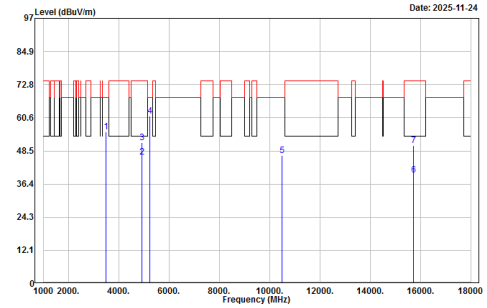
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	2659.767	50.48	-1.28	49.20	68.20	-19.00	Peak
2	3466.700	51.93	1.06	52.99	68.20	-15.21	Peak
3	10400.000	35.16	12.99	48.15	68.20	-20.05	Peak
4	15600.000	24.89	14.39	39.28	54.00	-14.72	Average
5	15600.000	37.35	14.39	51.74	74.00	-22.26	Peak

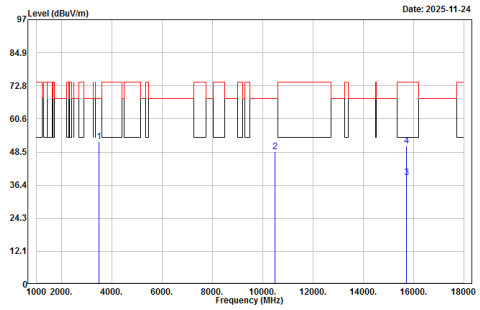
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	54.42	1.01	55.43	68.20	-12.77	Peak
2	4912.833	42.81	3.51	46.32	54.00	-7.68	Average
3	4912.833	47.91	3.51	51.42	74.00	-22.58	Peak
4	5243.200	57.35	3.83	61.18	68.20	-7.02	Peak
5	10480.000	33.60	13.25	46.85	68.20	-21.35	Peak
6	15720.000	25.00	14.68	39.68	54.00	-14.32	Average
7	15720.000	35.81	14.68	50.49	74.00	-23.51	Peak

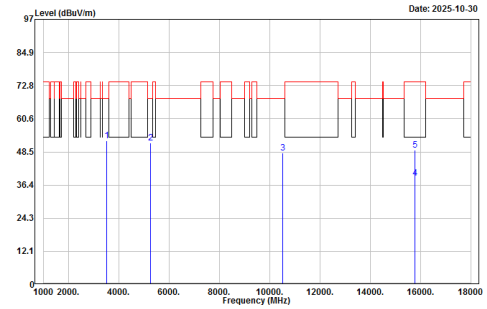
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5240

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3493.333	51.26	1.01	52.27	68.20	-15.93	Peak
2	10480.000	35.49	13.25	48.74	68.20	-19.46	Peak
3	15720.000	24.54	14.68	39.22	54.00	-14.78	Average
4	15720.000	35.93	14.68	50.61	74.00	-23.39	Peak

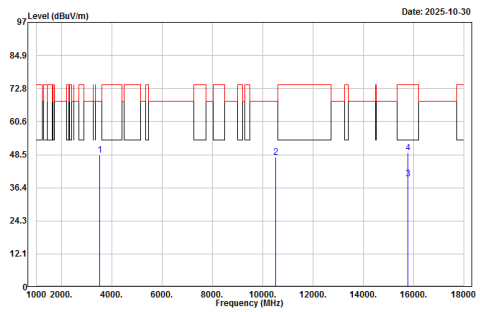
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.933	51.69	0.99	52.68	68.20	-15.52	Peak
2	5262.467	47.89	3.86	51.75	68.20	-16.45	Peak
3	10520.000	34.68	13.33	48.01	68.20	-20.19	Peak
4	15780.000	23.93	14.94	38.87	54.00	-15.13	Average
5	15780.000	34.28	14.94	49.22	74.00	-24.78	Peak

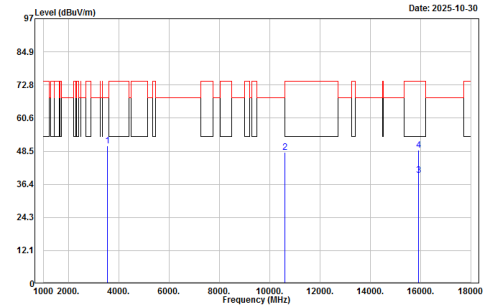
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.933	47.42	0.99	48.41	68.20	-19.79	Peak
2	10520.000	34.25	13.33	47.58	68.20	-20.62	Peak
3	15780.000	24.62	14.94	39.56	54.00	-14.44	Average
4	15780.000	34.17	14.94	49.11	74.00	-24.89	Peak

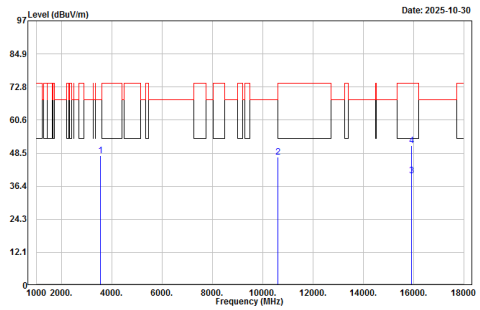
5300 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.567	49.54	0.99	50.53	68.20	-17.67	Peak
2	10600.000	34.62	13.49	48.11	68.20	-20.09	Peak
3	15900.000	24.46	15.25	39.71	54.00	-14.29	Average
4	15900.000	33.70	15.25	48.95	74.00	-25.05	Peak

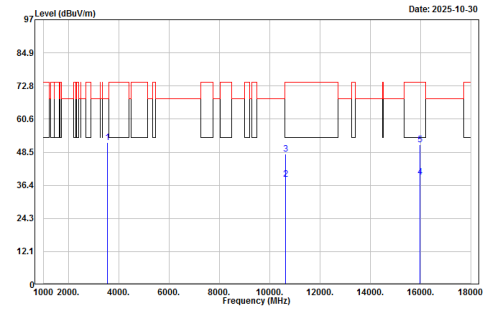
5300 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.567	46.47	0.99	47.46	68.20	-20.74	Peak
2	10600.000	33.51	13.49	47.00	68.20	-21.20	Peak
3	15900.000	25.05	15.25	40.30	54.00	-13.70	Average
4	15900.000	35.92	15.25	51.17	74.00	-22.83	Peak

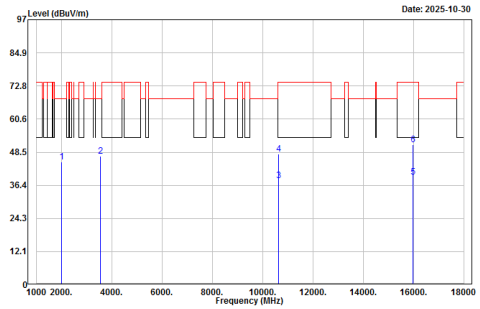
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	51.18	0.99	52.17	68.20	-16.03	Peak
2	10640.000	25.12	13.52	38.64	54.00	-15.36	Average
3	10640.000	34.21	13.52	47.73	74.00	-26.27	Peak
4	15960.000	24.55	14.94	39.49	54.00	-14.51	Average
5	15960.000	36.22	14.94	51.16	74.00	-22.84	Peak

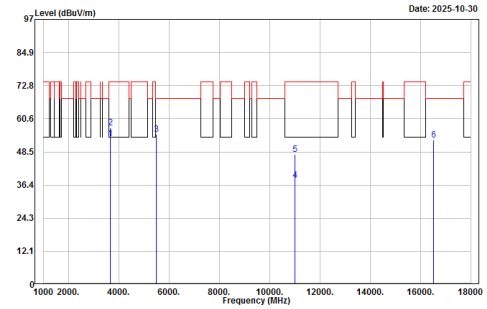
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	1995.067	46.64	-1.80	44.84	68.20	-23.36	Peak
2	3546.600	46.17	0.99	47.16	68.20	-21.04	Peak
3	10640.000	24.69	13.52	38.21	54.00	-15.79	Average
4	10640.000	34.31	13.52	47.83	74.00	-26.17	Peak
5	15960.000	24.62	14.94	39.56	54.00	-14.44	Average
6	15960.000	36.20	14.94	51.14	74.00	-22.86	Peak

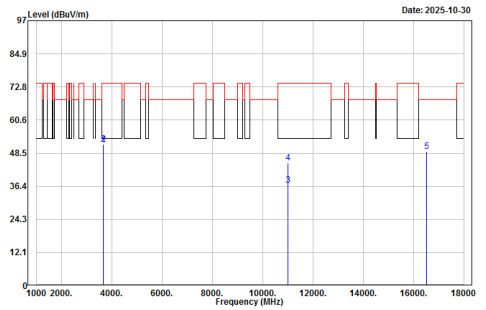
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	52.02	1.25	53.27	54.00	-0.73	Average
2	3666.733	56.12	1.25	57.37	74.00	-16.63	Peak
3	5498.767	50.03	4.95	54.98	68.20	-13.22	Peak
4	11000.000	24.44	13.66	38.10	54.00	-15.90	Average
5	11000.000	33.91	13.66	47.57	74.00	-26.43	Peak
6	16500.000	36.46	16.47	52.93	68.20	-15.27	Peak

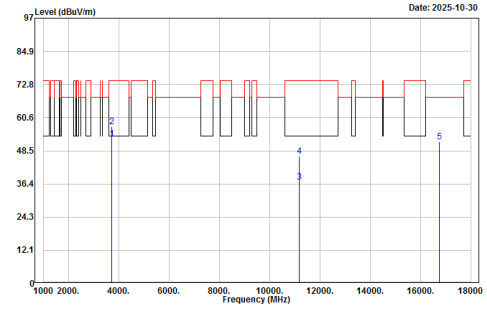
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3666.733	50.39	1.25	51.64	54.00	-2.36	Average
2	3666.733	50.58	1.25	51.83	74.00	-22.17	Peak
3	11000.000	23.20	13.66	36.86	54.00	-17.14	Average
4	11000.000	31.18	13.66	44.84	74.00	-29.16	Peak
5	16500.000	32.78	16.47	49.25	68.20	-18.95	Peak

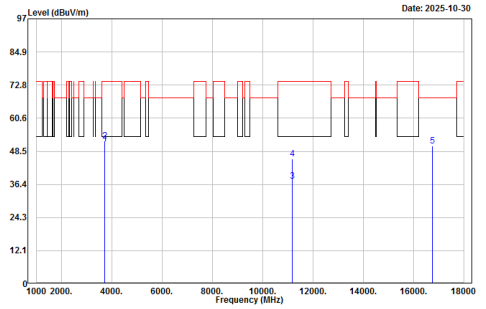
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	51.44	1.41	52.85	54.00	-1.15	Average
2	3720.000	55.88	1.41	57.29	74.00	-16.71	Peak
3	11160.000	23.40	13.76	37.16	54.00	-16.84	Average
4	11160.000	32.72	13.76	46.48	74.00	-27.52	Peak
5	16740.000	35.02	16.72	51.74	68.20	-16.46	Peak

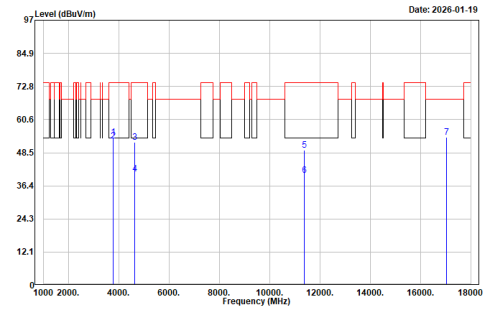
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3720.000	49.96	1.41	51.37	54.00	-2.63	Average
2	3720.000	50.87	1.41	52.28	74.00	-21.72	Peak
3	11160.000	23.71	13.76	37.47	54.00	-16.53	Average
4	11160.000	32.05	13.76	45.81	74.00	-28.19	Peak
5	16740.000	33.63	16.72	50.35	68.20	-17.85	Peak

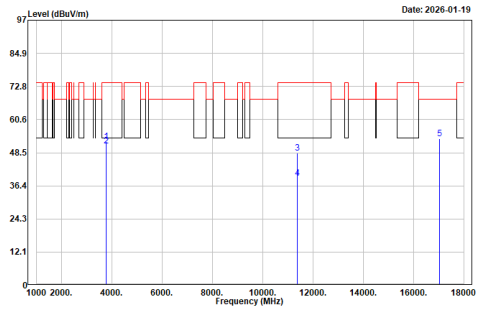
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : AX20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	51.04	3.19	54.23	74.00	-19.77	Peak
2 !	3786.300	49.62	3.19	52.81	54.00	-1.19	Average
3	4620.433	47.71	4.53	52.24	74.00	-21.76	Peak
4	4620.433	36.24	4.53	40.77	54.00	-13.23	Average
5	11360.000	32.29	17.02	49.31	74.00	-24.69	Peak
6	11360.000	23.14	17.02	40.16	54.00	-13.84	Average
7	17040.000	33.51	20.60	54.11	68.20	-14.09	Peak

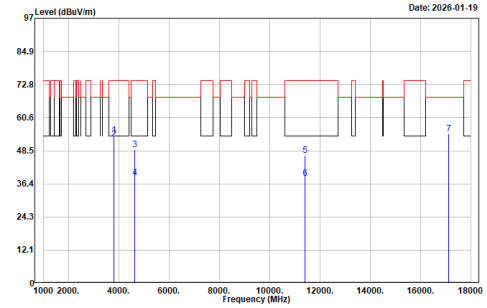
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/58%
Memo : AX20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.867	49.32	3.19	52.51	74.00	-21.49	Peak
2	3786.867	47.79	3.19	50.98	54.00	-3.02	Average
3	11360.000	31.48	17.02	48.50	74.00	-25.50	Peak
4	11360.000	22.17	17.02	39.19	54.00	-14.81	Average
5	17040.000	32.95	20.60	53.55	68.20	-14.65	Peak

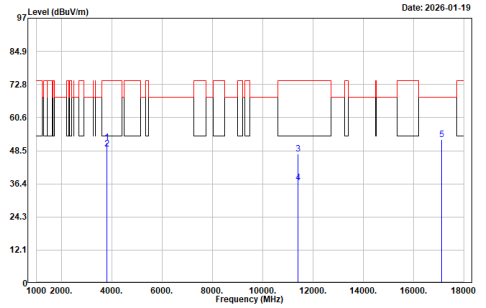
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61001-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : AX20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3799.900	52.31	1.76	54.07	74.00	-19.93	Peak
2 !	3799.900	51.10	1.76	52.86	54.00	-1.14	Average
3	4638.000	45.95	2.90	48.85	74.00	-25.15	Peak
4	4638.000	35.83	2.90	38.73	54.00	-15.27	Average
5	11400.000	32.30	14.49	46.79	74.00	-27.21	Peak
6	11400.000	23.93	14.49	38.42	54.00	-15.58	Average
7	17100.000	36.88	17.68	54.56	68.20	-13.64	Peak

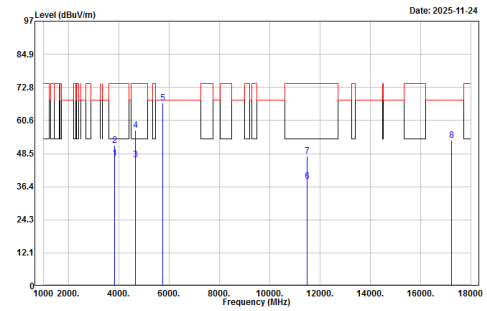
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61001-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 19.8℃/ 58%
Memo : AX20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3800.467	49.71	1.76	51.47	74.00	-22.53	Peak
2	3800.467	47.51	1.76	49.27	54.00	-4.73	Average
3	11400.000	32.82	14.49	47.31	74.00	-26.69	Peak
4	11400.000	22.37	14.49	36.86	54.00	-17.14	Average
5	17100.000	34.82	17.68	52.50	68.20	-15.70	Peak

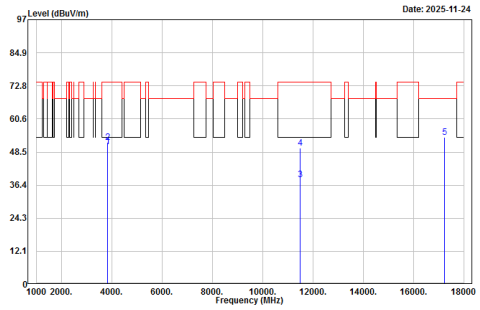
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	45.08	1.82	46.90	54.00	-7.10	Average
2	3829.933	49.59	1.82	51.41	74.00	-22.59	Peak
3	4672.000	43.34	2.97	46.31	54.00	-7.69	Average
4	4672.000	54.00	2.97	56.97	74.00	-17.03	Peak
5 !	5744.700	61.74	5.41	67.15	68.20	-1.05	Peak
6	11490.000	23.66	14.63	38.29	54.00	-15.71	Average
7	11490.000	32.97	14.63	47.60	74.00	-26.40	Peak
8	17235.000	35.49	17.92	53.41	68.20	-14.79	Peak

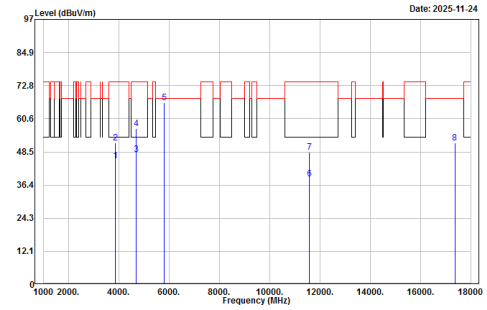
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3829.933	48.74	1.82	50.56	54.00	-3.44	Average
2	3829.933	50.11	1.82	51.93	74.00	-22.07	Peak
3	11490.000	23.77	14.63	38.40	54.00	-15.60	Average
4	11490.000	35.28	14.63	49.91	74.00	-24.09	Peak
5	17235.000	35.98	17.92	53.90	68.20	-14.30	Peak

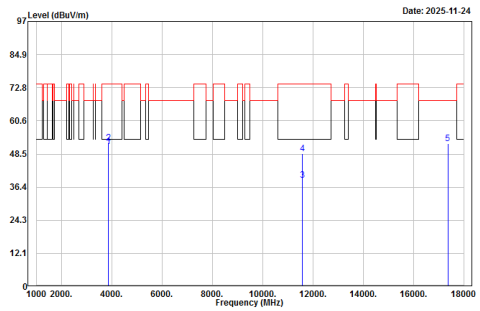
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	43.45	1.88	45.33	54.00	-8.67	Average
2	3856.567	49.95	1.88	51.83	74.00	-22.17	Peak
3	4701.467	44.47	3.04	47.51	54.00	-6.49	Average
4	4701.467	54.02	3.04	57.06	74.00	-16.94	Peak
5 !	5788.333	60.77	5.61	66.38	68.20	-1.82	Peak
6	11570.000	23.90	14.72	38.62	54.00	-15.38	Average
7	11570.000	33.67	14.72	48.39	74.00	-25.61	Peak
8	17355.000	33.45	18.26	51.71	68.20	-16.49	Peak

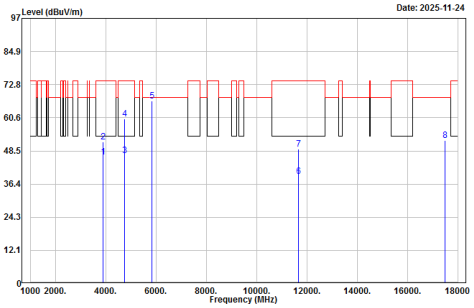
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5785

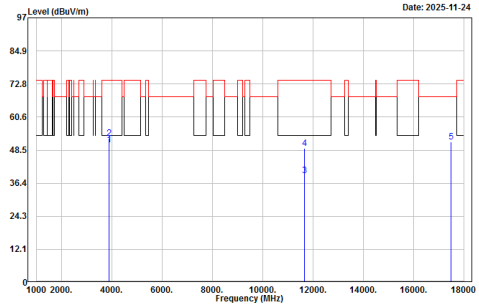
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	3856.567	49.44	1.88	51.32	54.00	-2.68	Average
2	3856.567	50.60	1.88	52.48	74.00	-21.52	Peak
3	11570.000	24.23	14.72	38.95	54.00	-15.05	Average
4	11570.000	33.99	14.72	48.71	74.00	-25.29	Peak
5	17355.000	34.00	18.26	52.26	68.20	-15.94	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.767	44.23	1.99	46.22	54.00	-7.78	Average
2	3883.767	49.82	1.99	51.81	74.00	-22.19	Peak
3	4736.033	43.77	3.04	46.81	54.00	-7.19	Average
4	4736.033	57.06	3.04	60.10	74.00	-13.90	Peak
5 !	5824.600	61.02	5.78	66.80	68.20	-1.40	Peak
6	11650.000	24.26	14.82	39.08	54.00	-14.92	Average
7	11650.000	34.27	14.82	49.09	74.00	-24.91	Peak
8	17475.000	33.94	18.43	52.37	68.20	-15.83	Peak



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.5℃/ 49%
Memo : AX20-TX-5825

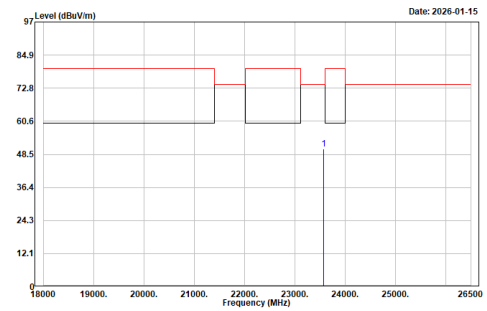
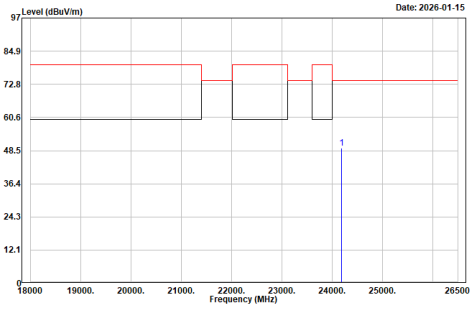
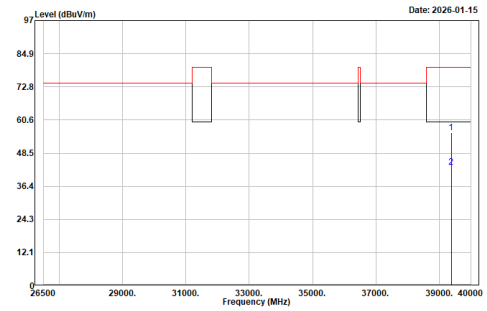
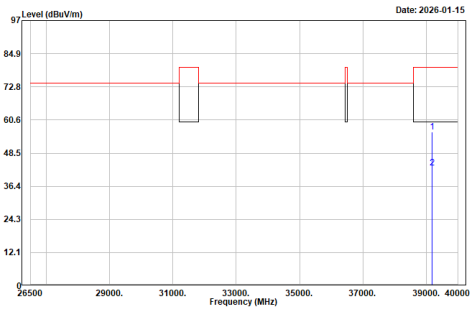
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.767	48.53	1.99	50.52	54.00	-3.48	Average
2	3883.767	50.87	1.99	52.86	74.00	-21.14	Peak
3	11650.000	24.31	14.82	39.13	54.00	-14.87	Average
4	11650.000	34.32	14.82	49.14	74.00	-24.86	Peak
5	17475.000	33.14	18.43	51.57	68.20	-16.63	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 802.11n20 Mode

5200 MHz Horizontal (18GHz-26.5GHz)	5200 MHz Vertical (18GHz-26.5GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 23574.870 48.53 1.87 50.40 74.20 -23.80 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 24191.680 47.82 1.70 49.52 74.20 -24.68 Peak
5200 MHz Horizontal (26.5GHz-40GHz)	5200 MHz Vertical (26.5GHz-40GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 39374.950 49.61 6.45 56.06 80.00 -23.94 Peak 2 39374.950 36.81 6.45 43.26 60.00 -16.74 Average	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 39184.150 49.12 7.24 56.36 80.00 -23.64 Peak 2 39184.150 35.77 7.24 43.01 60.00 -16.99 Average

Note:

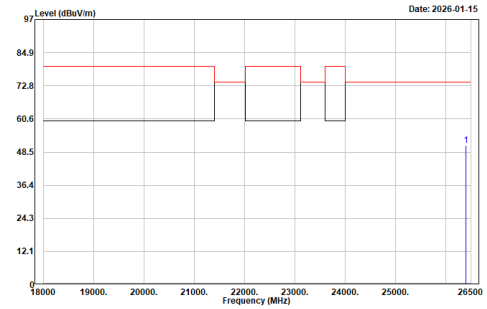
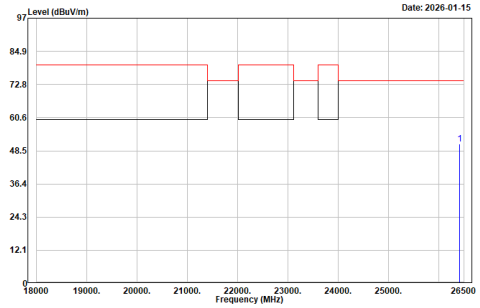
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

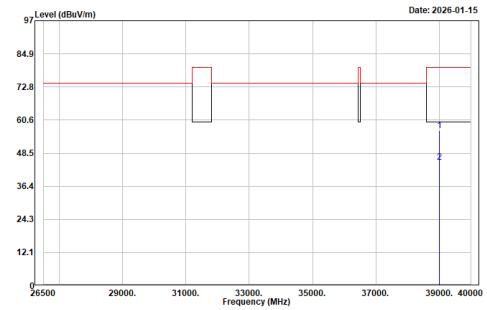
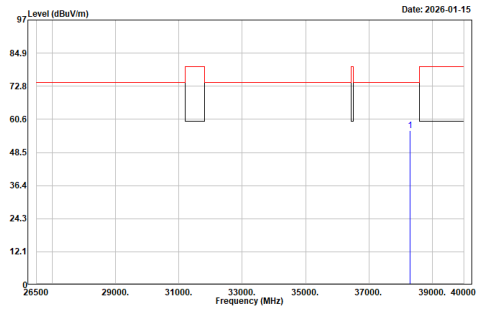
UNII-2A Band II

IEEE 802.11 a Mode

5260 MHz Horizontal (18GHz-26.5GHz)	5260 MHz Vertical (18GHz-26.5GHz)
	
Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : A-TX-5260	Site : 966B Chamber Condition: 1.5m vertical Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26401.120	45.37	5.57	50.94	74.20	-23.26	Peak

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26409.330	45.45	5.59	51.04	74.20	-23.16	Peak

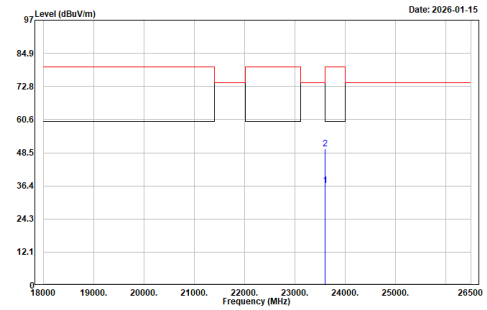
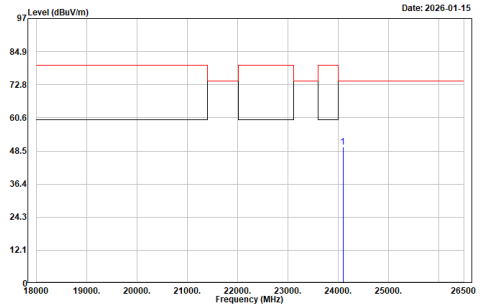
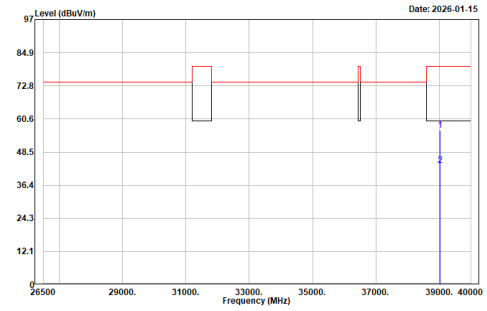
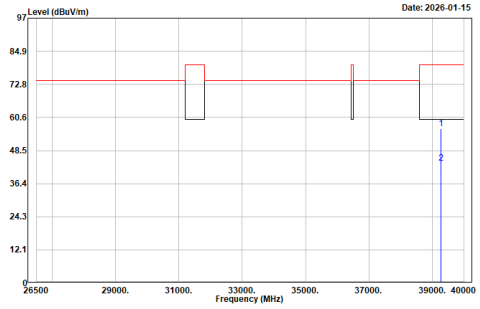
5260 MHz Horizontal (26.5GHz-40GHz)	5260 MHz Vertical (26.5GHz-40GHz)
	
Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : A-TX-5260	Site : 966B Chamber Condition: 1.5m vertical Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39006.400	49.02	7.84	56.86	80.00	-23.14	Peak
2	39006.400	37.28	7.84	45.12	60.00	-14.88	Average

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38292.250	49.13	7.48	56.61	74.20	-17.59	Peak

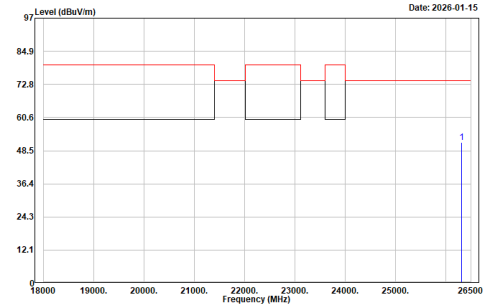
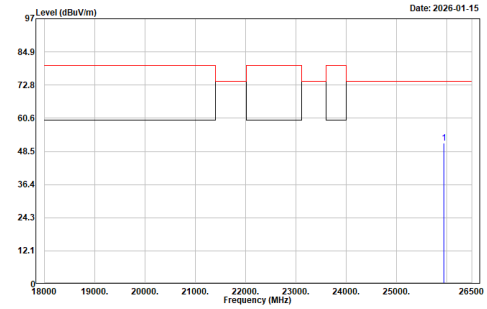
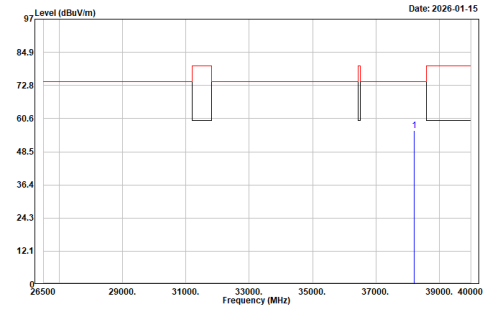
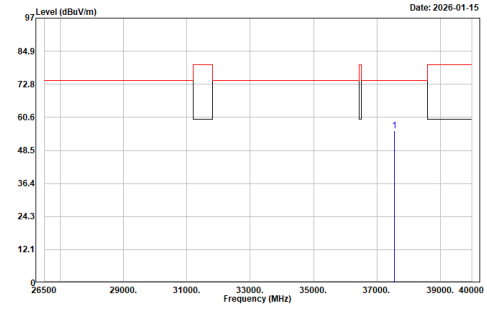
UNII-2C Band III

IEEE 802.11n20 Mode

5580 MHz Horizontal (18GHz-26.5GHz)	5580 MHz Vertical (18GHz-26.5GHz)
	
Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5580	Site : 966B Chamber Condition: 1.5m vertical Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5580
Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 23603.480 34.58 1.86 36.44 60.00 -23.56 Average 2 23603.480 48.14 1.86 50.00 80.00 -30.00 Peak	Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 24092.520 48.31 1.66 49.97 74.20 -24.23 Peak
5580 MHz Horizontal (26.5GHz-40GHz)	5580 MHz Vertical (26.5GHz-40GHz)
	
Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5580	Site : 966B Chamber Condition: 1.5m vertical Job No : RLK250801005 Model : RRQ61051-009 Power : From Test Development Board Tester : Derek Temp./ Hum.: 18.2℃/52% Memo : N20-TX-5580
Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 39019.000 48.60 7.80 56.40 80.00 -23.60 Peak 2 39019.000 35.81 7.80 43.61 60.00 -16.39 Average	Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 39262.000 49.61 6.96 56.57 80.00 -23.43 Peak 2 39262.000 37.01 6.96 43.97 60.00 -16.03 Average

UNII-3 Band IV

IEEE 802.11n20 Mode

5785 MHz Horizontal (18GHz-26.5GHz)	5785 MHz Vertical (18GHz-26.5GHz)
	
5785 MHz Horizontal (26.5GHz-40GHz)	5785 MHz Vertical (26.5GHz-40GHz)
	

Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26307.050	46.17	5.29	51.46	74.20	-22.74	Peak

Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	25938.430	47.25	4.30	51.55	74.20	-22.65	Peak

Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38214.400	48.79	7.51	56.30	74.20	-17.90	Peak

Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-TX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	37557.850	47.53	8.18	55.71	74.20	-18.49	Peak

Note:

Level = Read Level + Factor

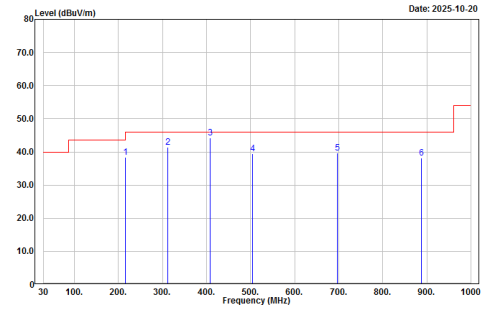
Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

接收機其它不必要之訊號(1GHz 以下)

30MHz-1GHz

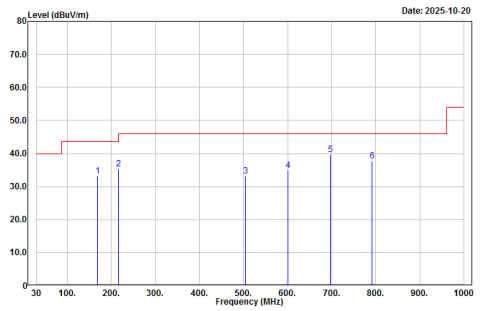
UNII-1 Band I Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 24.5℃/ 51%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	53.94	-15.64	38.30	43.50	-5.20	QP
2	311.979	53.87	-12.41	41.46	46.00	-4.54	QP
3 !	407.977	54.32	-10.11	44.21	46.00	-1.79	QP
4	504.007	47.51	-8.10	39.41	46.00	-6.59	QP
5	696.002	44.70	-5.06	39.64	46.00	-6.36	QP
6	887.997	40.84	-2.73	38.11	46.00	-7.89	QP

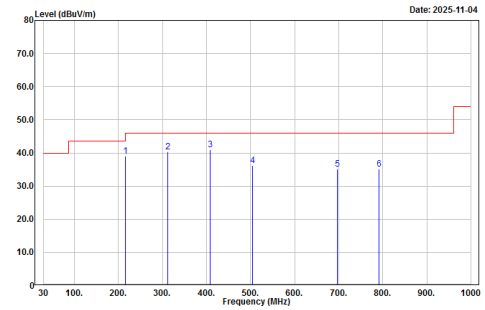
UNII-1 Band I Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 24.5℃/ 51%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	167.999	47.37	-14.13	33.24	43.50	-10.26	QP
2	215.981	51.00	-15.64	35.36	43.50	-8.14	QP
3	503.974	41.36	-8.10	33.26	46.00	-12.74	QP
4	600.004	42.06	-7.16	34.90	46.00	-11.10	QP
5	696.002	44.74	-5.06	39.68	46.00	-6.32	QP
6	792.000	41.61	-3.78	37.83	46.00	-8.17	QP

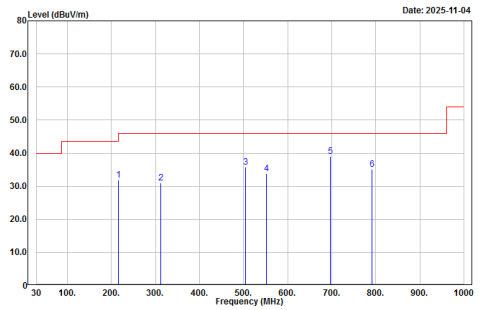
UNII-2A Band II Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.68	-15.64	39.04	43.50	-4.46	QP
2	311.979	52.76	-12.41	40.35	46.00	-5.65	QP
3	407.977	51.18	-10.11	41.07	46.00	-4.93	QP
4	504.007	44.38	-8.10	36.28	46.00	-9.72	QP
5	696.002	40.23	-5.06	35.17	46.00	-10.83	QP
6	792.000	38.83	-3.78	35.05	46.00	-10.95	QP

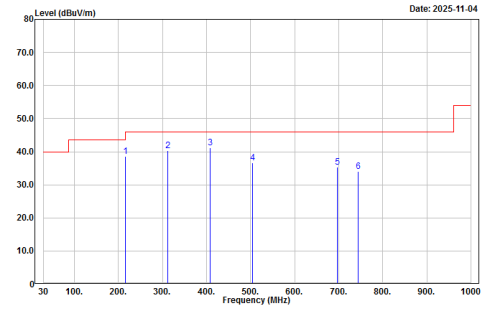
UNII-2A Band II Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	47.40	-15.64	31.76	43.50	-11.74	QP
2	311.979	43.48	-12.41	31.07	46.00	-14.93	QP
3	504.007	43.82	-8.10	35.72	46.00	-10.28	QP
4	551.989	41.19	-7.28	33.91	46.00	-12.09	QP
5	696.002	43.98	-5.06	38.92	46.00	-7.08	QP
6	792.000	39.00	-3.78	35.22	46.00	-10.78	QP

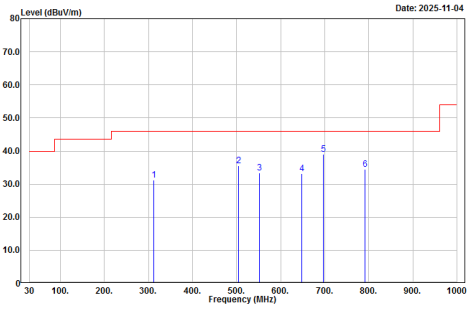
UNII-2C Band III Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.25	-15.64	38.61	43.50	-4.89	QP
2	311.979	52.76	-12.41	40.35	46.00	-5.65	QP
3	408.009	51.23	-10.11	41.12	46.00	-4.88	QP
4	504.007	44.69	-8.10	36.59	46.00	-9.41	QP
5	696.002	40.40	-5.06	35.34	46.00	-10.66	QP
6	744.017	38.21	-4.27	33.94	46.00	-12.06	QP

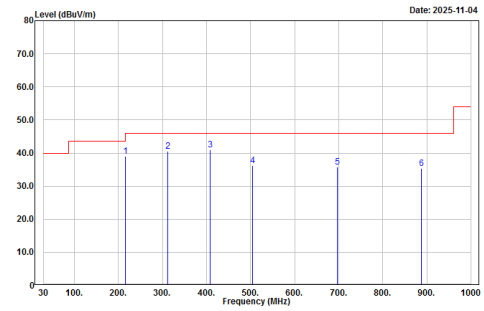
UNII-2C Band III Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5700
:

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	311.979	43.56	-12.41	31.15	46.00	-14.85	QP
2	504.007	43.75	-8.10	35.65	46.00	-10.35	QP
3	551.989	40.68	-7.28	33.40	46.00	-12.60	QP
4	647.987	38.63	-5.56	33.07	46.00	-12.93	QP
5	696.002	44.10	-5.06	39.04	46.00	-6.96	QP
6	792.000	38.32	-3.78	34.54	46.00	-11.46	QP

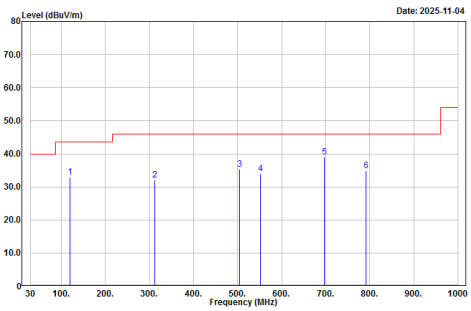
UNII-3 Band IV Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	215.981	54.70	-15.64	39.06	43.50	-4.44	QP
2	311.979	52.95	-12.41	40.54	46.00	-5.46	QP
3	407.977	51.16	-10.11	41.05	46.00	-4.95	QP
4	504.007	44.30	-8.10	36.20	46.00	-9.80	QP
5	696.002	40.78	-5.06	35.72	46.00	-10.28	QP
6	887.997	38.02	-2.73	35.29	46.00	-10.71	QP

UNII-3 Band IV Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5785

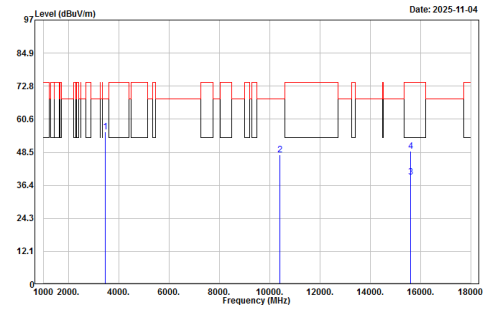
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	119.984	45.22	-12.30	32.92	43.50	-10.58	QP
2	311.979	44.57	-12.41	32.16	46.00	-13.84	QP
3	504.007	43.38	-8.10	35.28	46.00	-10.72	QP
4	551.989	41.24	-7.28	33.96	46.00	-12.04	QP
5	696.002	44.10	-5.06	39.04	46.00	-6.96	QP
6	792.000	38.74	-3.78	34.96	46.00	-11.04	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

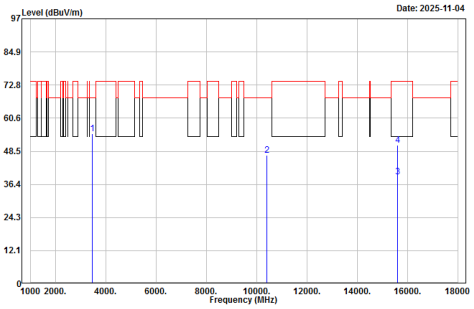
Horizontal (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	54.88	1.08	55.96	68.20	-12.24	Peak
2	10400.000	34.70	12.99	47.69	68.20	-20.51	Peak
3	15600.000	25.04	14.39	39.43	54.00	-14.57	Average
4	15600.000	34.52	14.39	48.91	74.00	-25.09	Peak

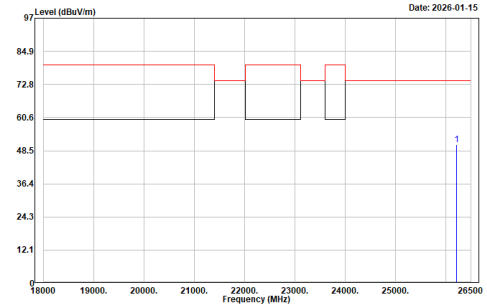
Vertical (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	53.96	1.08	55.04	68.20	-13.16	Peak
2	10400.000	34.16	12.99	47.15	68.20	-21.05	Peak
3	15600.000	24.75	14.39	39.14	54.00	-14.86	Average
4	15600.000	36.34	14.39	50.73	74.00	-23.27	Peak

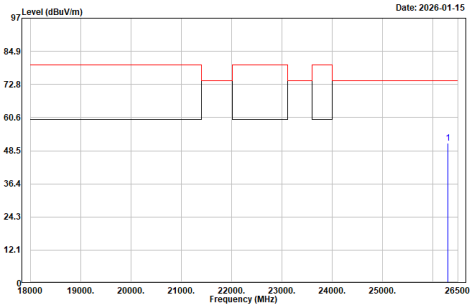
Horizontal (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26211.570	45.61	5.01	50.62	74.20	-23.58	Peak

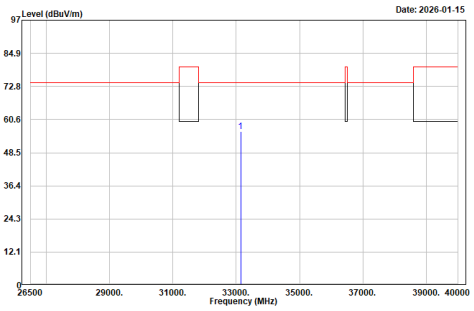
Vertical (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5200

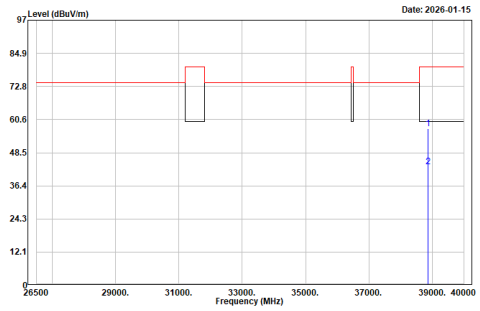
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26298.550	46.10	5.26	51.36	74.20	-22.84	Peak

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



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	33137.050	46.92	9.30	56.22	74.20	-17.98	Peak



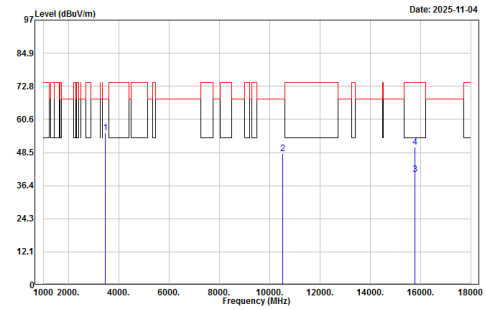
Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38857.900	49.68	7.58	57.26	80.00	-22.74	Peak
2	38857.900	35.67	7.58	43.25	60.00	-16.75	Average

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

UNII-2A Band II

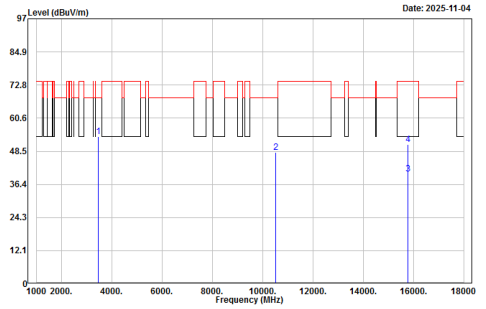
Horizontal (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	54.60	1.08	55.68	68.20	-12.52	Peak
2	10520.000	34.89	13.33	48.22	68.20	-19.98	Peak
3	15780.000	25.44	14.94	40.38	54.00	-13.62	Average
4	15780.000	35.66	14.94	50.60	74.00	-23.40	Peak

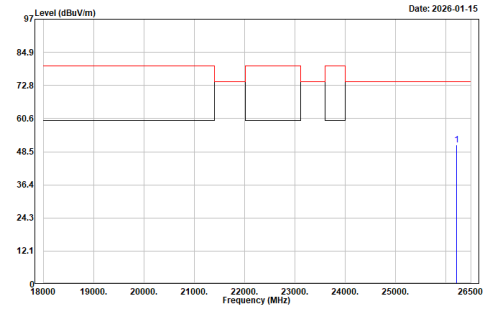
Vertical (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	52.90	1.08	53.98	68.20	-14.22	Peak
2	10520.000	34.89	13.33	48.22	68.20	-19.98	Peak
3	15780.000	25.27	14.94	40.21	54.00	-13.79	Average
4	15780.000	36.10	14.94	51.04	74.00	-22.96	Peak

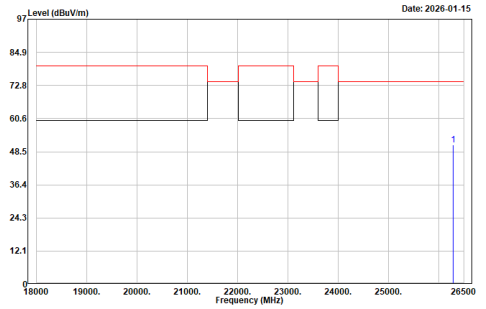
Horizontal (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26209.020	46.05	5.00	51.05	74.20	-23.15	Peak

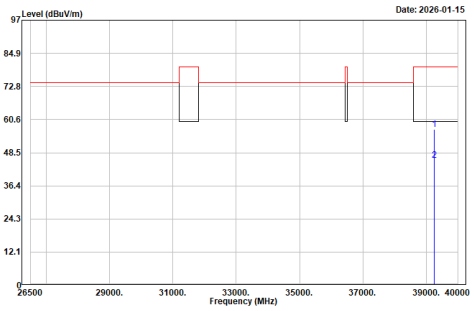
Vertical (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : A-RX-5260

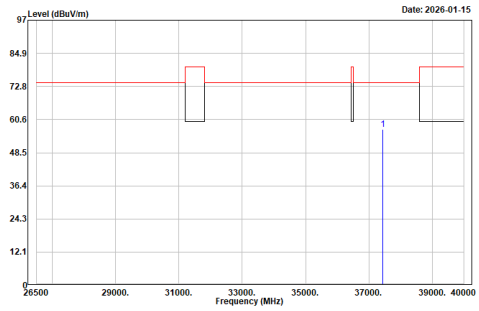
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26278.150	45.71	5.20	50.91	74.20	-23.29	Peak

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



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39251.200	49.93	7.02	56.95	80.00	-23.05	Peak
2	39251.200	38.68	7.02	45.70	60.00	-14.30	Average



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : A-RX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	37434.550	48.71	8.26	56.97	74.20	-17.23	Peak

Note:

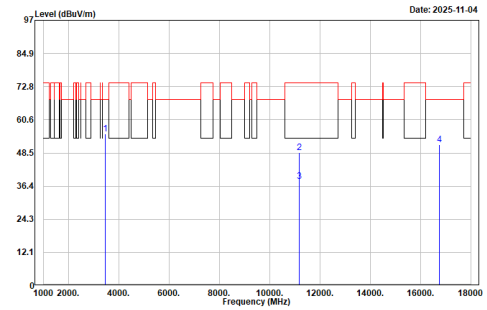
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-2C Band III

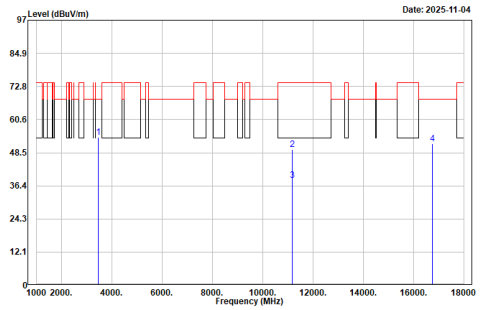
Horizontal (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	54.50	1.08	55.58	68.20	-12.62	Peak
2	11160.000	34.83	13.76	48.59	74.00	-25.41	Peak
3	11160.000	24.46	13.76	38.22	54.00	-15.78	Average
4	16740.000	34.80	16.72	51.52	68.20	-16.68	Peak

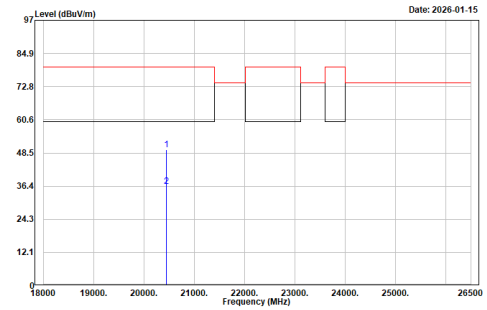
Vertical (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	52.97	1.08	54.05	68.20	-14.15	Peak
2	11160.000	35.79	13.76	49.55	74.00	-24.45	Peak
3	11160.000	24.68	13.76	38.44	54.00	-15.56	Average
4	16739.730	35.01	16.72	51.73	68.20	-16.47	Peak

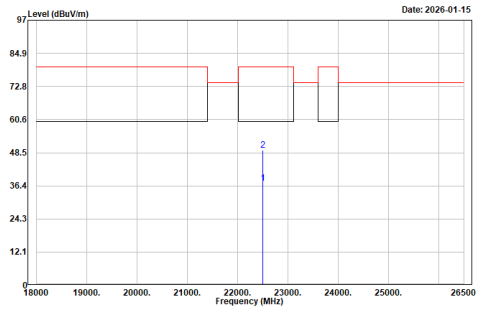
Horizontal (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	20446.300	51.38	-1.70	49.68	80.00	-30.32	Peak
2	20446.300	38.06	-1.70	36.36	60.00	-23.64	Average

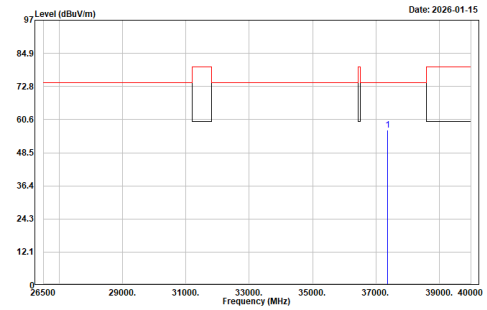
Vertical (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5580

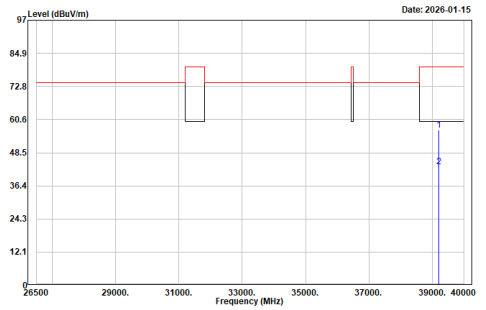
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22495.080	36.10	1.10	37.20	60.00	-22.80	Average
2	22495.080	48.25	1.10	49.35	80.00	-30.65	Peak

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



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	37362.550	48.64	8.18	56.82	74.20	-17.38	Peak



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5580

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39212.950	49.62	7.15	56.77	80.00	-23.23	Peak
2	39212.950	36.26	7.15	43.41	60.00	-16.59	Average

Note:

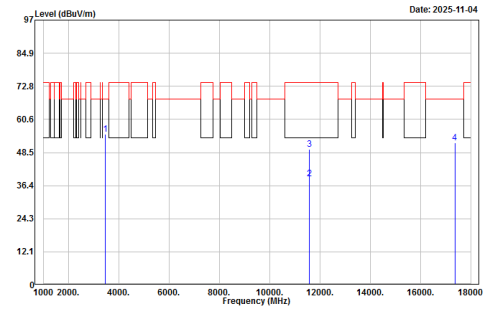
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-3 Band IV

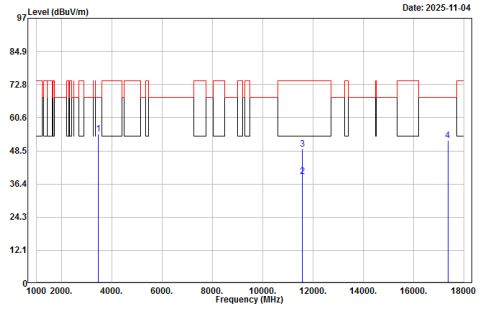
Horizontal (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	54.21	1.08	55.29	68.20	-12.91	Peak
2	11570.000	24.13	14.72	38.85	54.00	-15.15	Average
3	11570.000	34.92	14.72	49.64	74.00	-24.36	Peak
4	17355.000	33.79	18.26	52.05	68.20	-16.15	Peak

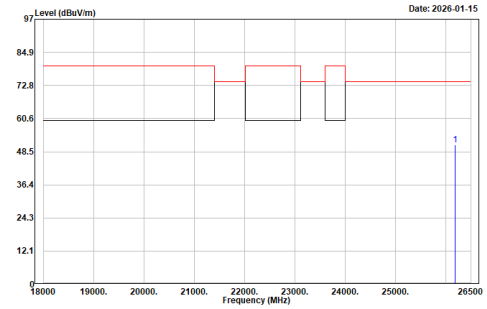
Vertical (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.6℃/ 59%
Memo : N20-RX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.667	53.48	1.08	54.56	68.20	-13.64	Peak
2	11570.000	24.41	14.72	39.13	54.00	-14.87	Average
3	11570.000	34.37	14.72	49.09	74.00	-24.91	Peak
4	17355.000	33.98	18.26	52.24	68.20	-15.96	Peak

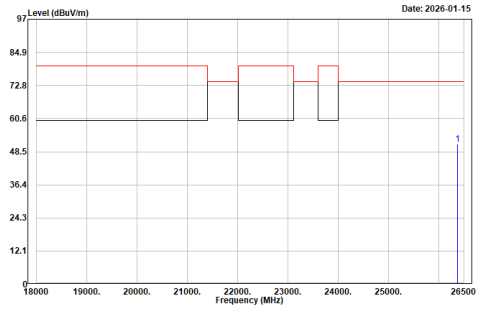
Horizontal (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26178.130	46.07	4.91	50.98	74.20	-23.22	Peak

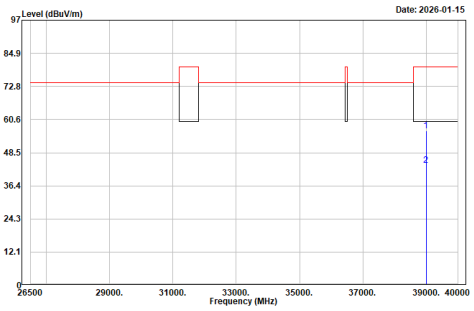
Vertical (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5785

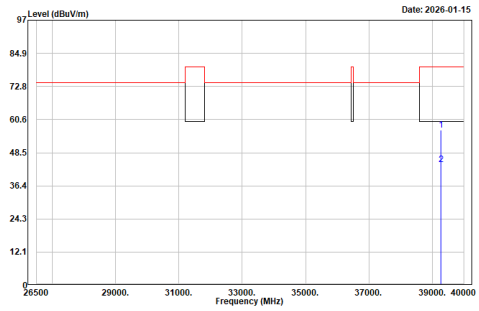
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26372.500	45.85	5.48	51.33	74.20	-22.87	Peak

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



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	38988.850	48.72	7.85	56.57	80.00	-23.43	Peak
2	38988.850	36.03	7.85	43.88	60.00	-16.12	Average



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.2℃/52%
Memo : N20-RX-5785

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39268.300	49.83	6.95	56.78	80.00	-23.22	Peak
2	39268.300	37.16	6.95	44.11	60.00	-15.89	Average

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。

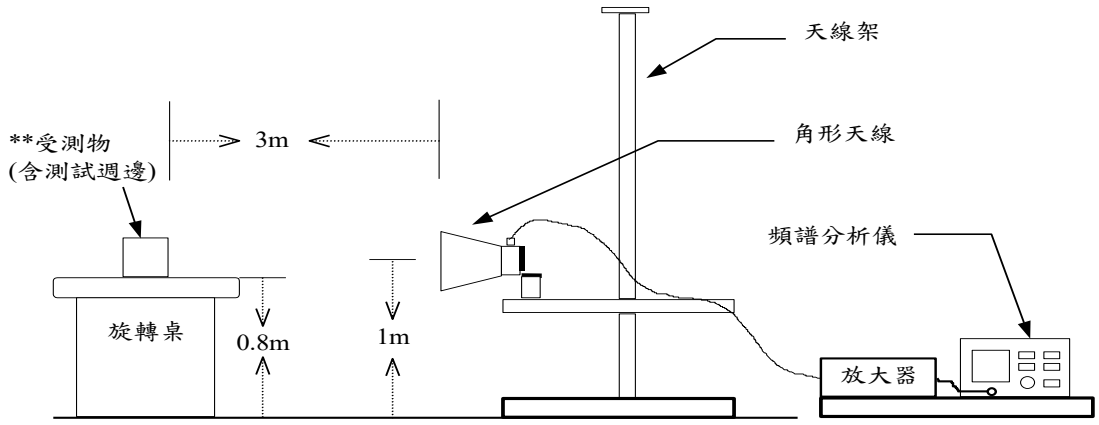
6.2 測試方法

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



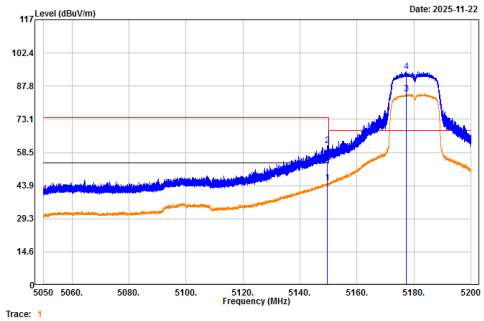
6.4 開放頻帶邊緣之量測結果

請參考附圖

判定結果: 符合規範

IEEE 802.11a Mode

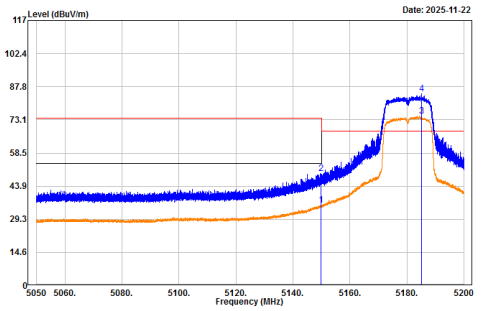
5180 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : A-TX-5180
Memo : 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	5149.635	41.35	3.78	45.13	54.00	-8.87	Average
2	5149.635	57.83	3.78	61.61	74.00	-12.39	Peak
3	5177.305	80.46	3.80	84.26	------	------	Average
4	5177.305	90.24	3.80	94.04	------	------	Peak

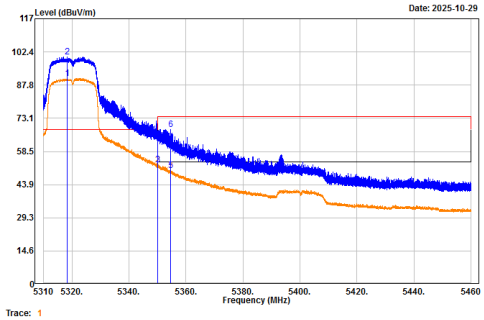
5180 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : A-TX-5180
Memo : 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	5149.870	31.61	3.78	35.39	54.00	-18.61	Average
2	5149.870	45.58	3.78	49.36	74.00	-24.64	Peak
3	5185.185	70.91	3.80	74.71	------	------	Average
4	5185.185	80.90	3.80	84.70	------	------	Peak

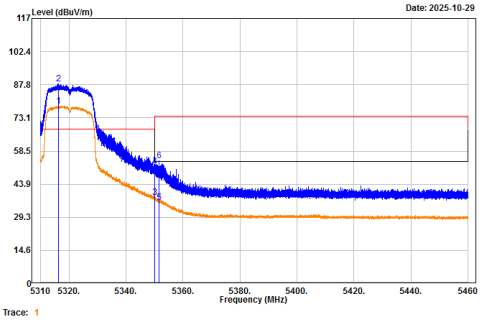
5320 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : A-TX-5320
Memo : 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	5318.310	86.75	4.04	90.79	------	------	Average
2	5318.310	96.07	4.04	100.11	------	------	Peak
3 !	5350.015	48.40	4.19	52.59	54.00	-1.41	Average
4	5350.015	58.80	4.19	62.99	74.00	-11.01	Peak
5	5354.640	45.97	4.21	50.18	54.00	-3.82	Average
6	5354.640	64.03	4.21	68.24	74.00	-5.76	Peak

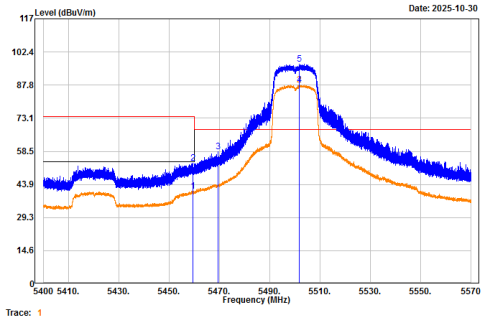
5320 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : A-TX-5320
Memo : 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	5316.355	74.35	4.04	78.39	------	------	Average
2	5316.355	84.20	4.04	88.24	------	------	Peak
3	5350.005	33.90	4.19	38.09	54.00	-15.91	Average
4	5350.005	47.41	4.19	51.60	74.00	-22.40	Peak
5	5351.570	31.61	4.20	35.81	54.00	-18.19	Average
6	5351.570	50.03	4.20	54.23	74.00	-19.77	Peak

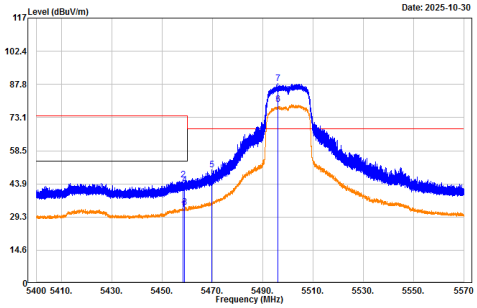
5500 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5500
Memo : 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	5459.358	36.26	4.61	40.87	54.00	-13.13	Average
2	5459.358	48.74	4.61	53.35	74.00	-20.65	Peak
3	5469.383	53.58	4.70	58.28	68.20	-9.92	Peak
4	5501.785	82.85	4.96	87.81	------	------	Average
5	5501.785	92.05	4.96	97.01	------	------	Peak

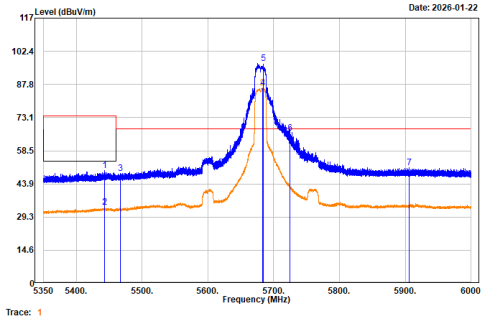
5500 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : A-TX-5500
Memo : 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	5458.395	27.95	4.61	32.56	54.00	-21.44	Average
2	5458.395	41.12	4.61	45.73	74.00	-28.27	Peak
3	5459.007	29.08	4.61	33.69	54.00	-20.31	Average
4	5459.007	38.95	4.61	43.56	74.00	-30.44	Peak
5	5469.796	45.28	4.70	49.98	68.20	-18.22	Peak
6	5496.050	73.92	4.93	78.85	------	------	Average
7	5496.050	83.09	4.93	88.02	------	------	Peak

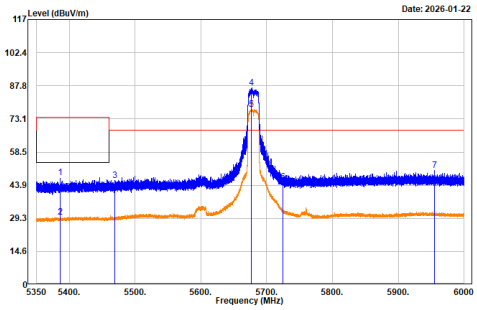
5680 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5680
Memo : 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	5443.253	45.27	4.52	49.79	74.00	-24.21	Peak
2	5443.253	29.00	4.52	33.52	54.00	-20.48	Average
3	5467.390	43.71	4.68	48.39	68.20	-19.81	Peak
4	5683.342	81.08	5.15	86.23	------	------	Average
5	5683.932	91.84	5.13	96.97	------	------	Peak
6 !	5725.000	61.10	5.31	66.41	68.20	-1.79	Peak
7	5905.620	44.91	6.25	51.16	68.20	-17.04	Peak

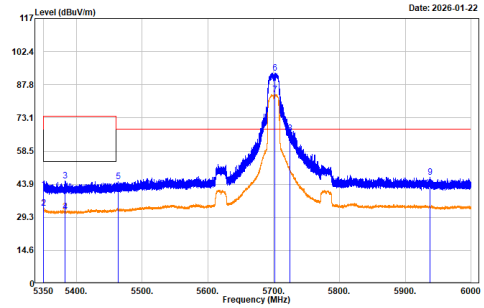
5680 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5680
Memo : 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	5385.880	43.05	4.34	47.39	74.00	-26.61	Peak
2	5385.880	25.60	4.34	29.94	54.00	-24.06	Average
3	5468.755	41.21	4.69	45.90	68.20	-22.30	Peak
4	5676.668	81.83	5.13	86.96	------	------	Peak
5	5676.668	72.36	5.13	77.49	------	------	Average
6	5725.000	40.17	5.31	45.48	68.20	-22.72	Peak
7	5955.302	43.93	6.48	50.41	68.20	-17.79	Peak

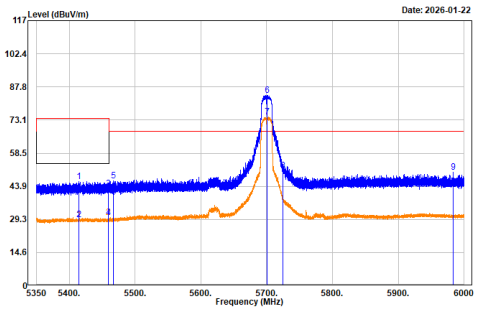
5700 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5700
Memo : 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	5350.650	37.34	4.19	41.53	74.00	-32.47	Peak
2	5350.650	29.07	4.19	33.26	54.00	-20.74	Average
3	5382.717	40.87	4.33	45.20	74.00	-28.80	Peak
4	5382.717	27.43	4.33	31.76	54.00	-22.24	Average
5	5464.032	40.44	4.65	45.09	68.20	-23.11	Peak
6	5701.672	87.72	5.21	92.93	------	------	Peak
7	5701.672	78.27	5.21	83.48	------	------	Average
8	5725.007	60.94	5.31	66.25	68.20	-1.95	Peak
9	5938.164	40.57	6.41	46.98	68.20	-21.22	Peak

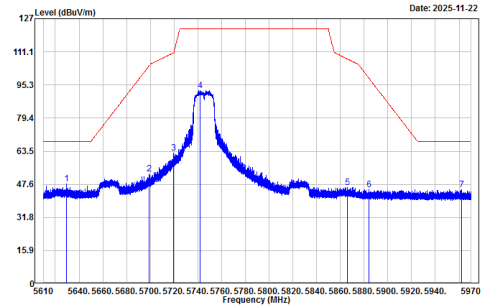
5700 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5700
Memo : 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	5414.458	41.65	4.44	46.09	74.00	-27.91	Peak
2	5414.458	24.73	4.44	29.17	54.00	-24.83	Average
3	5459.481	38.17	4.62	42.79	74.00	-31.21	Peak
4	5459.481	25.43	4.62	30.05	54.00	-23.95	Average
5	5467.455	41.72	4.68	46.40	68.20	-21.80	Peak
6	5701.152	78.89	5.19	84.08	------	------	Peak
7	5701.152	69.25	5.19	74.44	------	------	Average
8	5725.000	45.42	5.31	50.73	68.20	-17.47	Peak
9	5983.317	43.39	6.56	49.95	68.20	-18.25	Peak

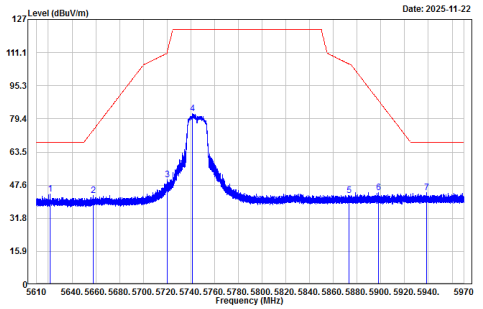
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : A-TX-5745
Memo : 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	5629.680	42.59	5.08	47.67	68.20	-20.53	Peak
2	5699.040	47.51	5.19	52.70	104.49	-51.79	Peak
3	5719.680	57.21	5.29	62.50	110.71	-48.21	Peak
4	5742.084	87.33	5.39	92.72	122.20	-29.48	Peak
5	5866.032	40.13	6.01	46.14	107.71	-61.57	Peak
6	5883.864	39.10	6.12	45.22	98.62	-53.40	Peak
7	5962.152	38.68	6.49	45.17	68.20	-23.03	Peak

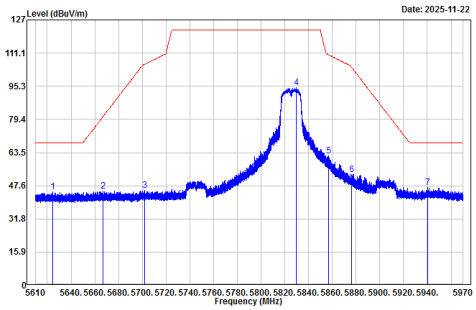
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : A-TX-5745
Memo : RBW/VBW: PK:1M/3M

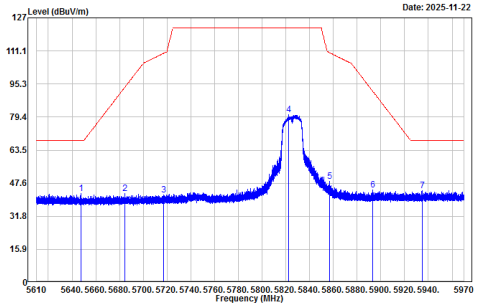
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5621.364	38.22	5.11	43.33	68.20	-24.87	Peak
2	5657.808	37.63	5.08	42.71	74.00	-31.29	Peak
3	5719.980	44.93	5.29	50.22	110.79	-60.57	Peak
4	5741.208	76.62	5.38	82.00	122.20	-40.20	Peak
5	5873.148	36.77	6.06	42.83	105.72	-62.89	Peak
6	5897.844	37.77	6.22	43.99	88.26	-44.27	Peak
7	5938.260	37.67	6.41	44.08	68.20	-24.12	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : A-TX-5825
Memo : 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	5624.376	39.59	5.10	44.69	68.20	-23.51	Peak
2	5666.664	39.94	5.10	45.04	80.57	-35.53	Peak
3	5701.872	40.09	5.21	45.30	105.73	-60.43	Peak
4	5829.612	88.92	5.81	94.73	122.20	-27.47	Peak
5	5856.948	56.05	5.95	62.00	110.25	-48.25	Peak
6	5875.992	46.98	6.07	53.05	104.46	-51.41	Peak
7	5940.540	40.33	6.42	46.75	68.20	-21.45	Peak



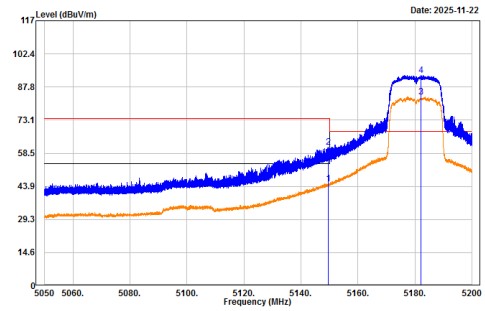
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : A-TX-5825
Memo : RBW/VBW: PK:1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5647.296	37.66	5.07	42.73	68.20	-25.47	Peak
2	5684.340	37.44	5.15	42.59	93.65	-51.06	Peak
3	5716.860	36.64	5.28	41.92	109.92	-68.00	Peak
4	5822.340	74.61	5.77	80.38	122.20	-41.82	Peak
5	5856.792	42.68	5.95	48.63	110.30	-61.67	Peak
6	5893.356	38.15	6.18	44.33	91.58	-47.25	Peak
7	5934.744	37.66	6.39	44.05	68.20	-24.15	Peak

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

IEEE 802.11 n20 Mode

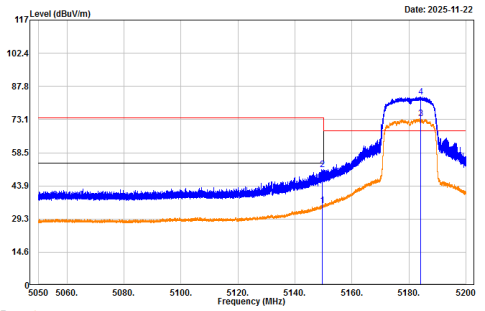
5180 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : N20-TX-5180
Memo : 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	5149.545	41.38	3.78	45.16	54.00	-8.84	Average
2	5149.545	57.45	3.78	61.23	74.00	-12.77	Peak
3	5181.985	79.53	3.80	83.33	------	------	Average
4	5181.985	89.21	3.80	93.01	------	------	Peak

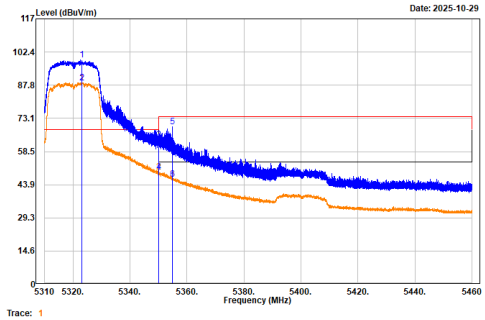
5180 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : N20-TX-5180
Memo : 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	5149.465	31.52	3.78	35.30	54.00	-18.70	Average
2	5149.465	47.27	3.78	51.05	74.00	-22.95	Peak
3	5184.085	69.71	3.80	73.51	------	------	Average
4	5184.085	79.39	3.80	83.19	------	------	Peak

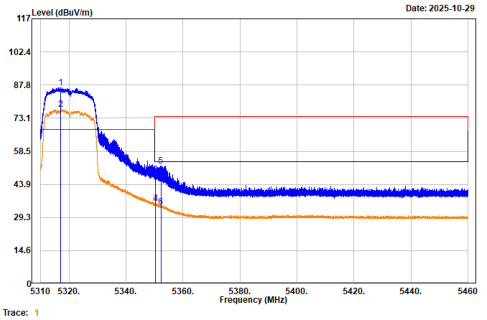
5320 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : N20-TX-5320
Memo : RBW/VBW: PK:1M/3M; AV:1M/5k

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5323.255	94.75	4.06	98.81	------	------	Peak
2	5323.255	84.88	4.06	88.94	------	------	Average
3	5350.115	59.43	4.19	63.62	74.00	-10.38	Peak
4	5350.115	45.12	4.19	49.31	54.00	-4.69	Average
5	5354.805	65.25	4.21	69.46	74.00	-4.54	Peak
6	5354.805	42.07	4.21	46.28	54.00	-7.72	Average

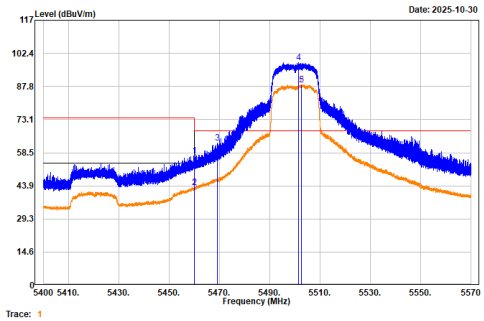
5320 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : N20-TX-5320
Memo : 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	5317.190	82.60	4.04	86.64	------	------	Peak
2	5317.190	73.04	4.04	77.08	------	------	Average
3	5350.380	43.95	4.19	48.14	74.00	-25.86	Peak
4	5350.380	31.26	4.19	35.45	54.00	-18.55	Average
5	5352.240	47.93	4.20	52.13	74.00	-21.87	Peak
6	5352.240	29.77	4.20	33.97	54.00	-20.03	Average

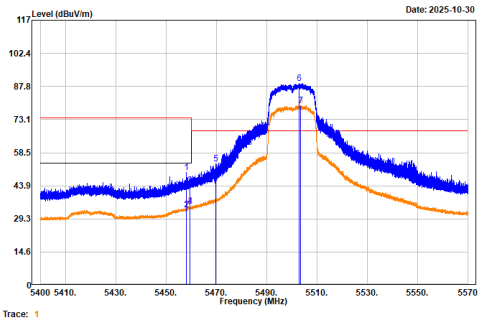
5500 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5500
Memo : 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	5459.976	52.40	4.62	57.02	74.00	-16.98	Peak
2	5459.976	38.49	4.62	43.11	54.00	-10.89	Average
3	5469.094	58.06	4.69	62.75	68.20	-5.45	Peak
4	5501.541	93.21	4.96	98.17	------	------	Peak
5	5502.668	83.63	4.96	88.59	------	------	Average

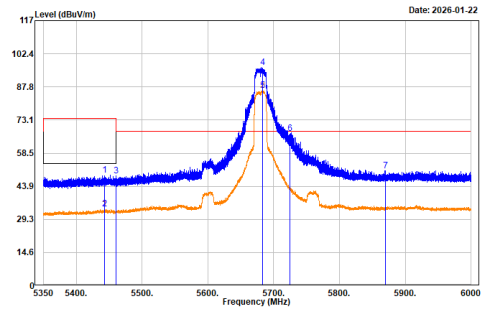
5500 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : N20-TX-5500
Memo : 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	5458.106	45.17	4.60	49.77	74.00	-24.23	Peak
2	5458.106	28.66	4.60	33.26	54.00	-20.74	Average
3	5459.522	39.54	4.62	44.16	74.00	-29.84	Peak
4	5459.522	30.13	4.62	34.75	54.00	-19.25	Average
5	5469.666	48.90	4.70	53.60	68.20	-14.60	Peak
6	5502.896	84.12	4.96	89.08	------	------	Peak
7	5503.349	74.39	4.96	79.35	------	------	Average

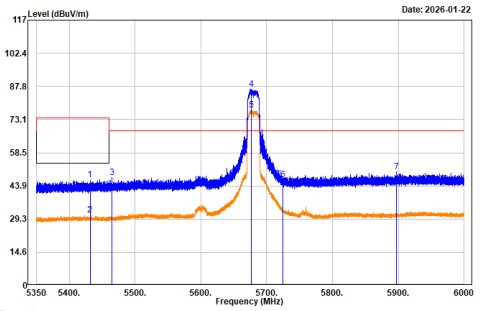
5680 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5680
Memo : 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	5442.950	44.23	4.52	48.75	74.00	-25.25	Peak
2	5442.950	29.52	4.52	34.04	54.00	-19.96	Average
3	5460.608	43.81	4.62	48.43	68.20	-19.77	Peak
4	5683.298	91.14	5.14	96.28	------	------	Peak
5	5683.298	81.22	5.15	86.37	------	------	Average
6 !	5725.000	61.82	5.31	67.13	68.20	-1.07	Peak
7	5869.848	44.83	6.04	50.87	68.20	-17.33	Peak

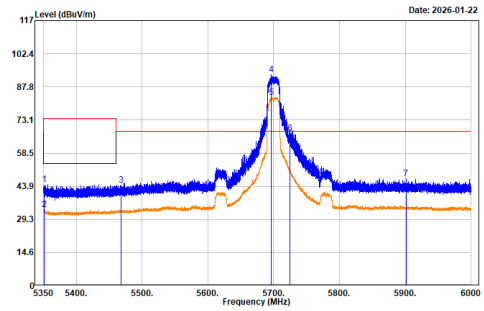
5680 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5680
Memo : 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	5431.510	42.27	4.48	46.75	74.00	-27.25	Peak
2	5431.510	26.44	4.48	30.92	54.00	-23.08	Average
3	5464.400	42.90	4.66	47.56	68.20	-20.64	Peak
4	5676.885	81.59	5.13	86.72	------	------	Peak
5	5676.885	72.21	5.13	77.34	------	------	Average
6	5725.000	41.39	5.31	46.70	68.20	-21.50	Peak
7	5897.408	43.83	6.21	50.04	68.20	-18.16	Peak

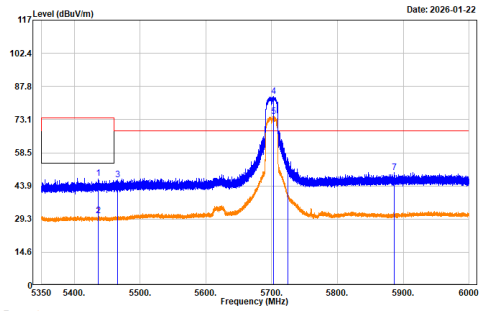
5700 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5700
Memo : 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	5350.780	40.36	4.19	44.55	74.00	-29.45	Peak
2	5350.780	29.41	4.19	33.60	54.00	-20.40	Average
3	5467.845	39.84	4.68	44.52	68.20	-23.68	Peak
4	5695.995	88.05	5.18	93.23	------	------	Peak
5	5695.995	77.95	5.18	83.13	------	------	Average
6 !	5725.007	62.02	5.31	67.33	68.20	-0.87	Peak
7	5901.070	41.10	6.23	47.33	68.20	-20.87	Peak

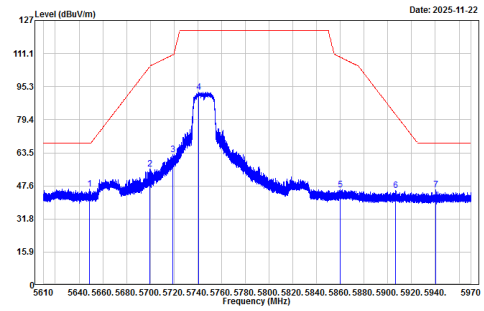
5700 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5700
Memo : 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	5436.710	42.70	4.50	47.20	74.00	-26.80	Peak
2	5436.710	26.20	4.50	30.70	54.00	-23.30	Average
3	5466.025	41.80	4.67	46.47	68.20	-21.73	Peak
4	5702.820	78.18	5.21	83.39	------	------	Peak
5	5702.820	69.25	5.21	74.46	------	------	Average
6	5725.000	44.91	5.31	50.22	68.20	-17.98	Peak
7	5885.860	43.67	6.14	49.81	68.20	-18.39	Peak

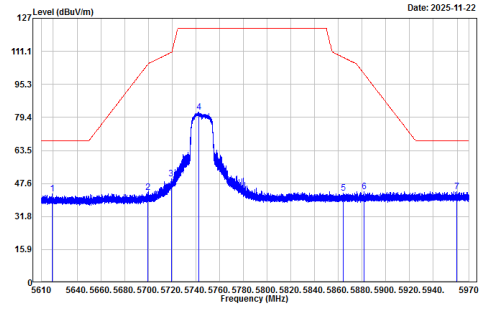
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : N20-TX-5745
Memo : 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	5648.616	40.95	5.06	46.01	68.20	-22.19	Peak
2	5699.352	50.47	5.19	55.66	104.72	-49.06	Peak
3	5718.816	57.35	5.29	62.64	110.47	-47.83	Peak
4	5740.920	87.33	5.38	92.71	122.20	-29.49	Peak
5	5859.888	39.87	5.97	45.84	109.43	-63.59	Peak
6	5906.184	39.03	6.25	45.28	82.09	-36.81	Peak
7	5940.300	39.41	6.42	45.83	68.20	-22.37	Peak

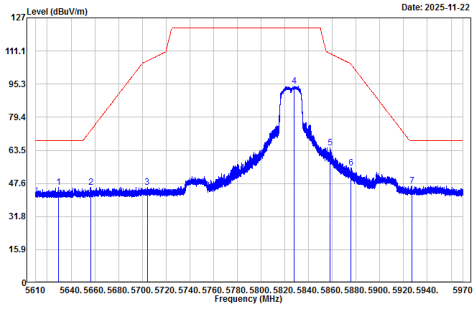
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : N20-TX-5745
Memo : RBW/VBW: PK:1M/3M

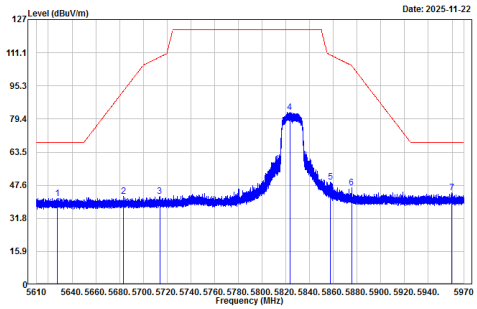
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5619.276	37.69	5.11	42.80	68.20	-25.40	Peak
2	5699.508	38.25	5.19	43.44	104.84	-61.40	Peak
3	5719.248	44.71	5.29	50.00	110.59	-60.59	Peak
4	5742.384	76.55	5.39	81.94	122.20	-40.26	Peak
5	5864.004	37.06	5.99	43.05	108.28	-65.23	Peak
6	5881.668	37.56	6.10	43.66	100.25	-56.59	Peak
7	5959.788	37.37	6.49	43.86	68.20	-24.34	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : N20-TX-5825
Memo : 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	5629.668	40.70	5.08	45.78	68.20	-22.42	Peak
2	5656.764	40.81	5.07	45.88	73.22	-27.34	Peak
3	5704.116	40.58	5.22	45.80	106.35	-60.55	Peak
4	5827.980	88.46	5.80	94.26	122.20	-27.94	Peak
5	5857.968	58.72	5.96	64.68	109.97	-45.29	Peak
6	5875.884	49.15	6.07	55.22	104.54	-49.32	Peak
7	5926.932	40.27	6.36	46.63	68.20	-21.57	Peak



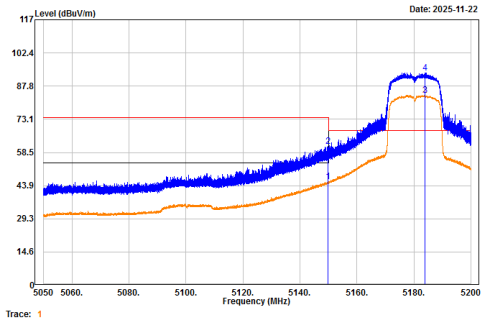
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : N20-TX-5825
Memo : RBW/VBW: PK:1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5627.460	36.37	5.09	41.46	68.20	-26.74	Peak
2	5683.212	37.03	5.15	42.18	92.81	-50.63	Peak
3	5713.800	36.93	5.26	42.19	109.07	-66.88	Peak
4	5823.276	76.77	5.77	82.54	122.20	-39.66	Peak
5	5857.380	43.14	5.95	49.09	110.13	-61.04	Peak
6	5875.296	40.28	6.06	46.34	104.98	-58.64	Peak
7	5959.428	37.42	6.49	43.91	68.20	-24.29	Peak

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

IEEE 802.11 ac20 Mode

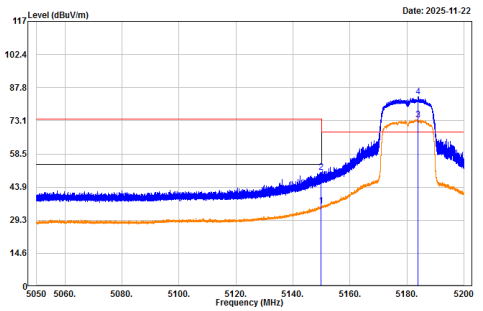
5180 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AC20-TX-5180
Memo : 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	5149.815	41.88	3.78	45.66	54.00	-8.34	Average
2	5149.815	57.53	3.78	61.31	74.00	-12.69	Peak
3	5183.925	79.85	3.80	83.65	------	------	Average
4	5183.925	89.84	3.80	93.64	------	------	Peak

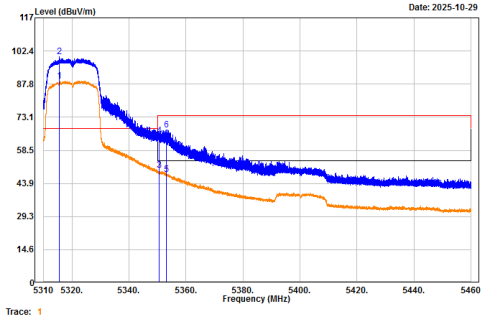
5180 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AC20-TX-5180
Memo : 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	5149.880	31.70	3.78	35.48	54.00	-18.52	Average
2	5149.880	46.64	3.78	50.42	74.00	-23.58	Peak
3	5183.835	69.72	3.80	73.52	------	------	Average
4	5183.835	79.92	3.80	83.72	------	------	Peak

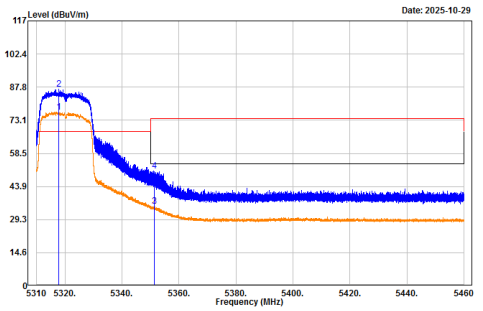
5320 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : AC20-TX-5320
Memo : 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	5315.565	85.10	4.03	89.13	------	------	Average
2	5315.565	95.88	4.03	99.91	------	------	Peak
3	5350.515	45.48	4.19	49.67	54.00	-4.33	Average
4	5350.515	60.77	4.19	64.96	74.00	-9.04	Peak
5	5353.210	43.83	4.20	48.03	54.00	-5.97	Average
6	5353.210	63.45	4.20	67.65	74.00	-6.35	Peak

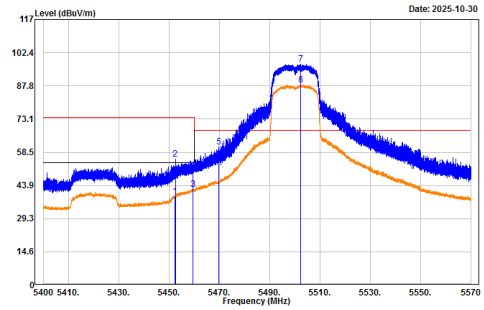
5320 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : AC20-TX-5320
Memo : 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	5317.925	72.84	4.04	76.88	------	------	Average
2	5317.925	82.71	4.04	86.75	------	------	Peak
3	5351.350	30.91	4.20	35.11	54.00	-18.89	Average
4	5351.350	46.69	4.20	50.89	74.00	-23.11	Peak

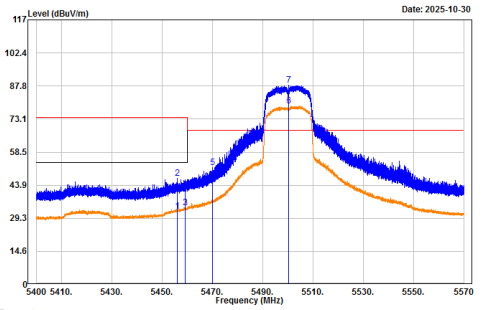
5500 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5500
Memo : 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	5452.439	34.40	4.55	38.95	74.00	-35.05	Average
2	5452.439	50.97	4.55	55.52	74.00	-18.48	Peak
3	5459.506	37.64	4.62	42.26	74.00	-31.74	Average
4	5459.506	46.14	4.62	50.76	74.00	-23.24	Peak
5	5469.688	56.04	4.70	60.74	68.20	-7.46	Peak
6	5502.408	83.18	4.96	88.14	------	------	Average
7	5502.408	92.50	4.96	97.46	------	------	Peak

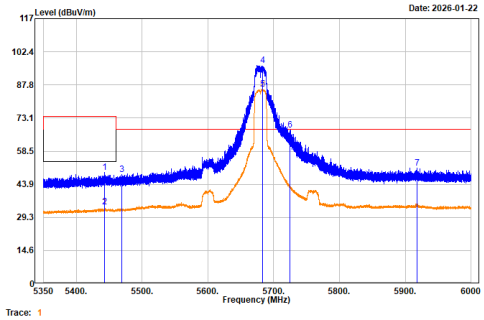
5500 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AC20-TX-5500
Memo : 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	5456.049	27.76	4.59	32.35	54.00	-21.65	Average
2	5456.049	42.45	4.59	47.04	74.00	-26.96	Peak
3	5459.041	29.46	4.61	34.07	54.00	-19.93	Average
4	5459.041	37.24	4.61	41.85	74.00	-32.15	Peak
5	5469.989	46.98	4.70	51.68	68.20	-16.52	Peak
6	5500.323	74.05	4.96	79.01	------	------	Average
7	5500.323	83.06	4.96	88.02	------	------	Peak

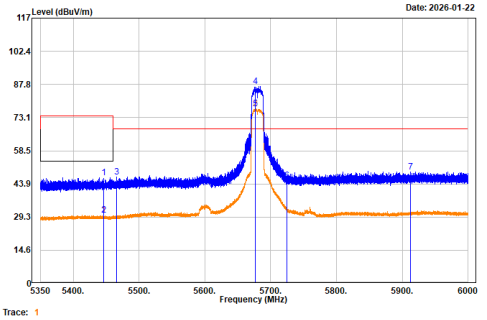
5680 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5680
Memo : 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	44.66	4.52	49.18	74.00	-24.82	Peak
2	5443.231	29.32	4.52	33.84	54.00	-20.16	Average
3	5469.037	43.36	4.69	48.05	68.20	-20.15	Peak
4	5683.363	91.25	5.13	96.38	------	------	Peak
5	5683.363	80.66	5.15	85.81	------	------	Average
6 !	5725.000	62.53	5.31	67.84	68.20	-0.36	Peak
7	5917.493	44.81	6.31	51.12	68.20	-17.08	Peak

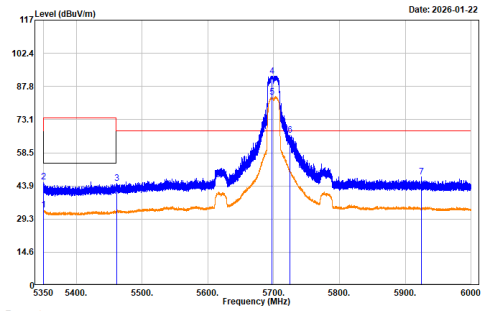
5680 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5680
Memo : 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	5446.243	42.21	4.52	46.73	74.00	-27.27	Peak
2	5446.243	25.58	4.52	30.10	54.00	-23.90	Average
3	5466.025	42.24	4.67	46.91	68.20	-21.29	Peak
4	5677.080	81.69	5.15	86.84	------	------	Peak
5	5677.080	71.91	5.13	77.04	------	------	Average
6	5725.000	40.11	5.31	45.42	68.20	-22.78	Peak
7	5912.792	43.00	6.29	49.29	68.20	-18.91	Peak

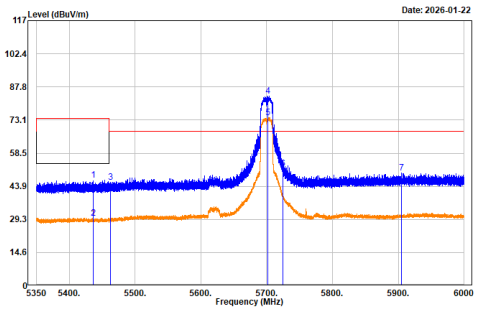
5700 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5700
Memo : 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	5350.477	29.17	4.19	33.36	74.00	-40.64	Peak
2	5350.477	41.50	4.19	45.69	74.00	-28.31	Peak
3	5462.039	40.48	4.64	45.12	68.20	-23.08	Peak
4	5697.577	87.15	5.19	92.34	------	------	Peak
5	5697.577	78.04	5.19	83.23	------	------	Average
6 !	5725.000	61.11	5.31	66.42	68.20	-1.78	Peak
7	5924.795	41.45	6.35	47.80	68.20	-20.40	Peak

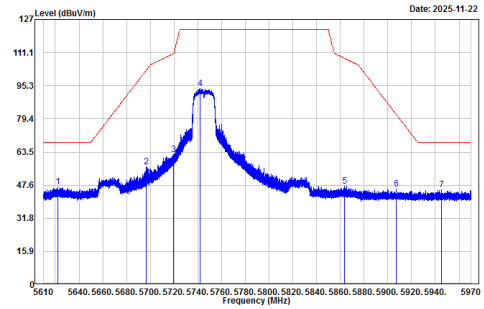
5700 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5700
Memo : 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	5436.104	42.00	4.50	46.50	74.00	-27.50	Peak
2	5436.104	25.43	4.50	29.93	54.00	-24.07	Average
3	5462.385	41.00	4.64	45.64	68.20	-22.56	Peak
4	5701.715	78.39	5.21	83.60	------	------	Peak
5	5701.715	69.08	5.21	74.29	------	------	Average
6	5725.000	46.35	5.31	51.66	68.20	-16.54	Peak
7	5904.688	43.46	6.25	49.71	68.20	-18.49	Peak

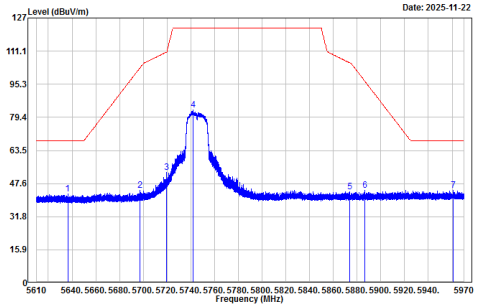
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AC20-TX-5745
Memo : 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	5622.396	41.67	5.11	46.78	68.20	-21.42	Peak
2	5696.844	51.34	5.18	56.52	102.87	-46.35	Peak
3	5719.680	57.16	5.29	62.45	110.71	-48.26	Peak
4	5741.748	88.44	5.39	93.83	122.20	-28.37	Peak
5	5863.344	41.22	5.99	47.21	108.46	-61.25	Peak
6	5907.216	39.65	6.26	45.91	81.32	-35.41	Peak
7	5945.328	38.93	6.44	45.37	68.20	-22.83	Peak

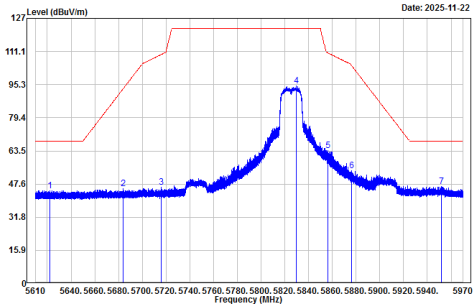
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AC20-TX-5745
Memo : RBW/VBW: PK:1M/3M

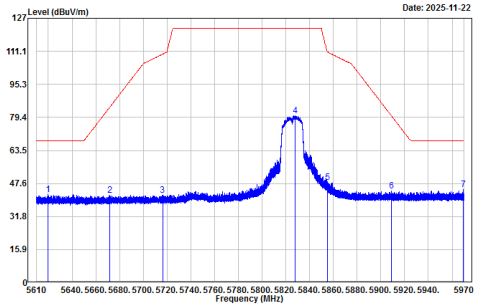
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5636.388	37.45	5.08	42.53	68.20	-25.67	Peak
2	5697.432	39.29	5.18	44.47	103.31	-58.84	Peak
3	5719.704	47.55	5.29	52.84	110.72	-57.88	Peak
4	5742.060	77.44	5.39	82.83	122.20	-39.37	Peak
5	5873.880	37.61	6.06	43.67	105.51	-61.84	Peak
6	5886.624	38.29	6.14	44.43	96.57	-52.14	Peak
7	5960.832	38.00	6.49	44.49	68.20	-23.71	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AC20-TX-5825
Memo : 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	5621.964	39.43	5.11	44.54	68.20	-23.66	Peak
2	5683.872	40.24	5.15	45.39	93.30	-47.91	Peak
3	5715.900	40.69	5.27	45.96	109.65	-63.69	Peak
4	5829.372	88.71	5.81	94.52	122.20	-27.68	Peak
5	5856.492	57.67	5.95	63.62	110.38	-46.76	Peak
6	5876.136	48.00	6.07	54.07	104.36	-50.29	Peak
7	5951.652	39.95	6.47	46.42	68.20	-21.78	Peak



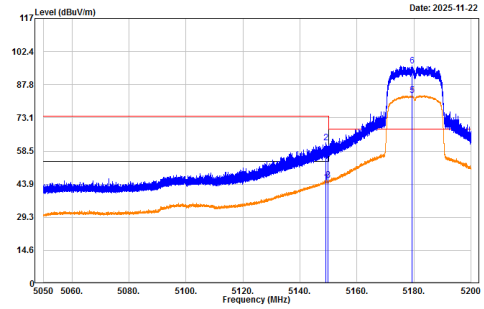
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AC20-TX-5825
Memo : RBW/VBW: PK:1M/3M

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5619.540	37.27	5.11	42.38	68.20	-25.82	Peak
2	5672.028	36.90	5.11	42.01	84.54	-42.53	Peak
3	5716.212	36.76	5.27	42.03	109.74	-67.71	Peak
4	5828.064	74.50	5.80	80.30	122.20	-41.90	Peak
5	5855.184	42.36	5.94	48.30	110.75	-62.45	Peak
6	5909.004	37.94	6.27	44.21	80.00	-35.79	Peak
7	5969.124	38.10	6.52	44.62	68.20	-23.58	Peak

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

IEEE 802.11 ax20 Mode

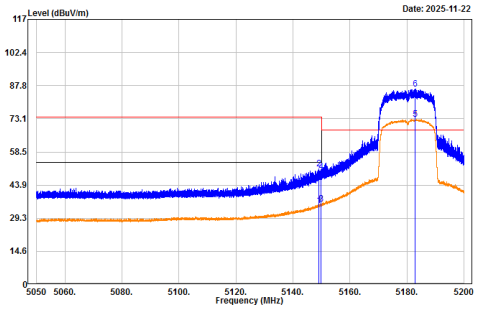
5180 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AX20-TX-5180
Memo : 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	5149.050	40.84	3.78	44.62	54.00	-9.38	Average
2	5149.050	58.42	3.78	62.20	74.00	-11.80	Peak
3	5149.880	41.88	3.78	45.66	54.00	-8.34	Average
4	5149.880	53.54	3.78	57.32	74.00	-16.68	Peak
5	5179.255	79.17	3.80	82.97	------	------	Average
6	5179.255	92.35	3.80	96.15	------	------	Peak

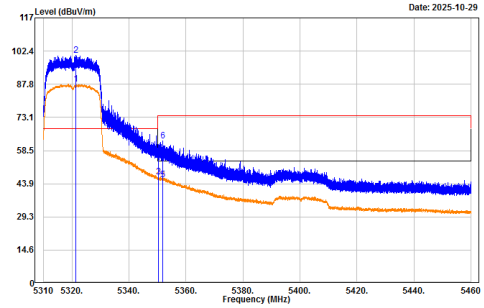
5180 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AX20-TX-5180
Memo : 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	5148.980	31.10	3.78	34.88	54.00	-19.12	Average
2	5148.980	47.17	3.78	50.95	74.00	-23.05	Peak
3	5149.820	31.70	3.78	35.48	54.00	-18.52	Average
4	5149.820	45.91	3.78	49.69	74.00	-24.31	Peak
5	5182.765	69.21	3.80	73.01	------	------	Average
6	5182.765	82.46	3.80	86.26	------	------	Peak

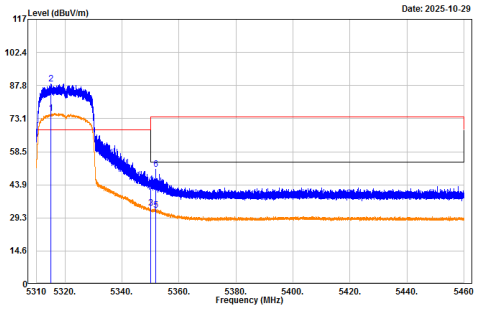
5320 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : AX20-TX-5320
Memo : 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	5321.295	83.83	4.06	87.89	------	------	Average
2	5321.295	96.42	4.06	100.48	------	------	Peak
3	5350.415	42.69	4.19	46.88	54.00	-7.12	Average
4	5350.415	50.23	4.19	54.42	74.00	-19.58	Peak
5	5351.765	41.36	4.20	45.56	54.00	-8.44	Average
6	5351.765	58.66	4.20	62.86	74.00	-11.14	Peak

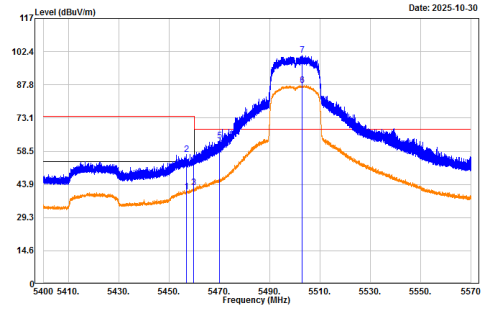
5320 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 21.6℃/ 63%
Memo : AX20-TX-5320
Memo : 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	5315.045	71.53	4.03	75.56	------	------	Average
2	5315.045	84.44	4.03	88.47	------	------	Peak
3	5350.050	29.42	4.19	33.61	54.00	-20.39	Average
4	5350.050	40.01	4.19	44.20	74.00	-29.80	Peak
5	5351.930	28.55	4.20	32.75	54.00	-21.25	Average
6	5351.930	46.50	4.20	50.70	74.00	-23.30	Peak

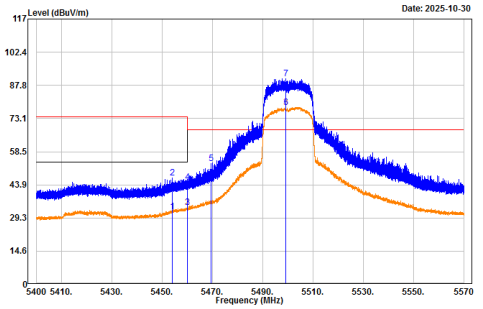
5500 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5500
Memo : 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	5456.814	36.00	4.59	40.59	54.00	-13.41	Average
2	5456.814	52.48	4.59	57.07	74.00	-16.93	Peak
3	5459.840	37.85	4.62	42.47	54.00	-11.53	Average
4	5459.840	48.76	4.62	53.38	74.00	-20.62	Peak
5	5469.910	58.35	4.70	63.05	68.20	-5.15	Peak
6	5502.748	82.54	4.96	87.50	------	------	Average
7	5502.748	95.95	4.96	100.91	------	------	Peak

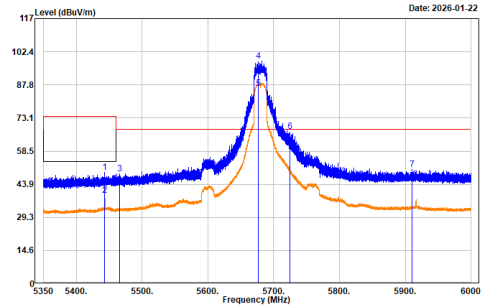
5500 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/ 47%
Memo : AX20-TX-5500
Memo : 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	5453.958	27.34	4.57	31.91	54.00	-22.09	Average
2	5453.958	42.24	4.57	46.81	74.00	-27.19	Peak
3	5459.948	29.24	4.62	33.86	54.00	-20.14	Average
4	5459.948	40.49	4.62	45.11	74.00	-28.89	Peak
5	5469.513	48.64	4.70	53.34	68.20	-14.86	Peak
6	5499.167	73.20	4.95	78.15	------	------	Average
7	5499.167	85.75	4.95	90.70	------	------	Peak

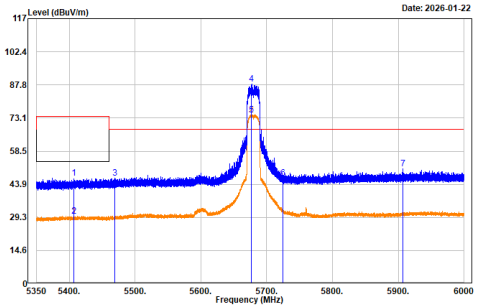
5680 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5680
Memo : 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	5443.253	44.59	4.52	49.11	74.00	-24.89	Peak
2	5443.253	34.56	4.52	39.08	54.00	-14.92	Average
3	5466.350	43.77	4.67	48.44	68.20	-19.76	Peak
4	5676.495	93.08	5.14	98.22	------	------	Peak
5	5676.495	81.13	5.13	86.26	------	------	Average
6 !	5725.000	61.78	5.31	67.09	68.20	-1.11	Peak
7	5910.170	44.27	6.28	50.55	68.20	-17.65	Peak

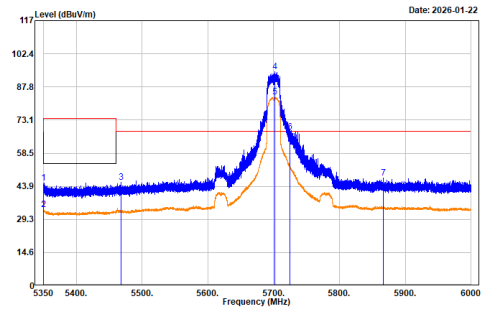
5680 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5680
Memo : 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	5406.485	42.21	4.42	46.63	74.00	-27.37	Peak
2	5406.485	25.47	4.42	29.89	54.00	-24.11	Average
3	5469.470	41.86	4.70	46.56	68.20	-21.64	Peak
4	5676.430	83.11	5.14	88.25	------	------	Peak
5	5676.430	69.50	5.13	74.63	------	------	Average
6	5725.000	41.28	5.31	46.59	68.20	-21.61	Peak
7	5906.682	44.31	6.26	50.57	68.20	-17.63	Peak

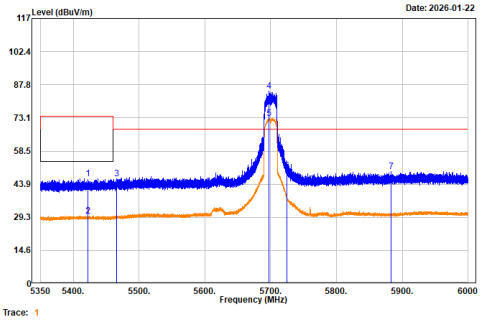
5700 MHz Horizontal



Trace: 1
Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5700
Memo : 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	41.25	4.19	45.44	74.00	-28.56	Peak
2	5350.325	29.31	4.19	33.50	54.00	-20.50	Average
3	5468.473	40.84	4.69	45.53	68.20	-22.67	Peak
4	5702.126	89.16	5.21	94.37	------	------	Peak
5	5702.126	78.09	5.21	83.30	------	------	Average
6 !	5725.007	62.63	5.31	67.94	68.20	-0.26	Peak
7	5866.729	41.43	6.01	47.44	68.20	-20.76	Peak

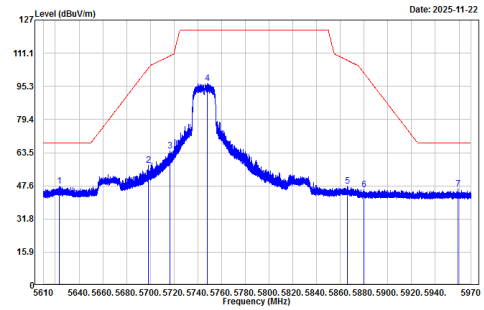
5700 MHz Vertical



Trace: 1
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5700
Memo : 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	5422.453	41.86	4.46	46.32	74.00	-27.68	Peak
2	5422.453	25.45	4.46	29.91	54.00	-24.09	Average
3	5465.483	41.48	4.66	46.14	68.20	-22.06	Peak
4	5697.598	79.67	5.19	84.86	------	------	Peak
5	5697.598	67.69	5.19	72.88	------	------	Average
6	5725.000	44.51	5.31	49.82	68.20	-18.38	Peak
7	5882.567	43.24	6.12	49.36	68.20	-18.84	Peak

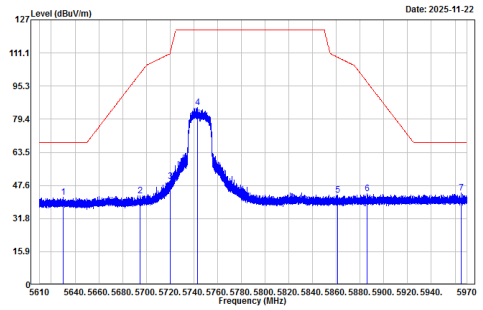
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AX20-TX-5745
Memo : 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	5623.656	42.38	5.10	47.48	68.20	-20.72	Peak
2	5698.476	52.22	5.19	57.41	104.08	-46.67	Peak
3	5716.620	59.24	5.28	64.52	109.86	-45.34	Peak
4	5747.772	91.31	5.42	96.73	122.20	-25.47	Peak
5	5865.960	41.36	6.01	47.37	107.73	-60.36	Peak
6	5879.880	39.71	6.09	45.80	101.58	-55.78	Peak
7	5959.308	39.57	6.49	46.06	68.20	-22.14	Peak

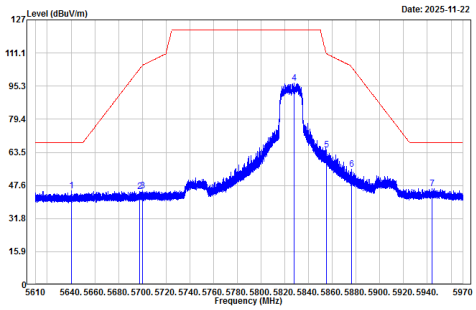
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AX20-TX-5745
Memo : RBW/VBW: PK:1M/3M

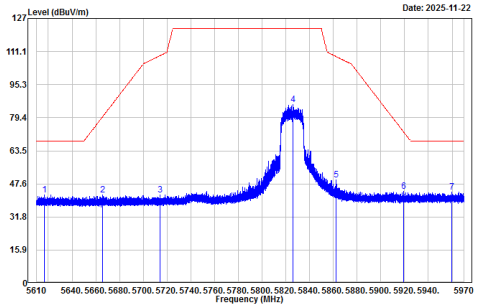
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5629.932	36.87	5.08	41.95	68.20	-26.25	Peak
2	5694.828	37.48	5.18	42.66	101.39	-58.73	Peak
3	5720.004	44.30	5.29	49.59	110.81	-61.22	Peak
4	5742.924	79.51	5.39	84.90	122.20	-37.30	Peak
5	5861.148	36.91	5.98	42.89	109.08	-66.19	Peak
6	5885.952	37.53	6.14	43.67	97.07	-53.40	Peak
7	5964.984	37.41	6.50	43.91	68.20	-24.29	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AX20-TX-5825
Memo : 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	5640.432	39.90	5.07	44.97	68.20	-23.23	Peak
2	5697.864	39.70	5.19	44.89	103.63	-58.74	Peak
3	5700.228	40.05	5.19	45.24	105.26	-60.02	Peak
4	5828.064	90.93	5.80	96.73	122.20	-25.47	Peak
5	5855.172	58.83	5.94	64.77	110.75	-45.98	Peak
6	5875.956	49.40	6.07	55.47	104.49	-49.02	Peak
7	5943.696	39.79	6.43	46.22	68.20	-21.98	Peak



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK250801005
Model : RRQ61051-009
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.4℃/ 47%
Memo : AX20-TX-5825
Memo : 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	5616.540	37.26	5.11	42.37	68.20	-25.83	Peak
2	5666.004	37.07	5.10	42.17	80.08	-37.91	Peak
3	5714.232	37.19	5.26	42.45	109.19	-66.74	Peak
4	5825.796	79.77	5.78	85.55	122.20	-36.65	Peak
5	5862.192	43.42	5.98	49.40	108.78	-59.38	Peak
6	5919.156	37.58	6.32	43.90	72.51	-28.61	Peak
7	5959.620	37.28	6.49	43.77	68.20	-24.43	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	21.7~24.5℃	測試日期	2025/10/21~2026/01/14
環境濕度	41 ~ 57%	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	40.90	17.06
40	5200	41.50	16.78
48	5240	35.60	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	18.06
40	5200	43.70	18.06
48	5240	39.10	17.54

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	44.70	19.14
40	5200	47.10	19.06
48	5240	38.40	17.86

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	43.20	19.46
40	5200	41.70	19.42
48	5240	35.20	18.82

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	42.50	19.42
60	5300	43.20	19.30
64	5320	37.40	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	43.90	19.10
60	5300	42.50	18.22
64	5320	38.40	17.74

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	44.00	18.42
60	5300	45.10	18.82
64	5320	38.00	17.86

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	43.90	19.38
60	5300	45.80	19.34
64	5320	36.70	18.86

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	39.00	17.34
116	5580	40.40	17.26
136	5680	38.40	16.70
140	5700	34.8	16.70

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	45.50	18.54
116	5580	45.10	19.10
136	5680	42.00	18.18
140	5700	36.1	17.78

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	46.10	18.54
116	5580	46.40	18.74
136	5680	40.50	18.50
140	5700	35.6	17.86

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	44.30	19.26
116	5580	46.00	19.18
136	5680	40.20	19.02
140	5700	32.2	18.78

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	16.42	≥500	PASS
157	5785	16.04	17.58	≥500	PASS
165	5825	15.68	17.74	≥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	17.86	≥500	PASS
157	5785	16.32	19.02	≥500	PASS
165	5825	16.60	19.02	≥500	PASS

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

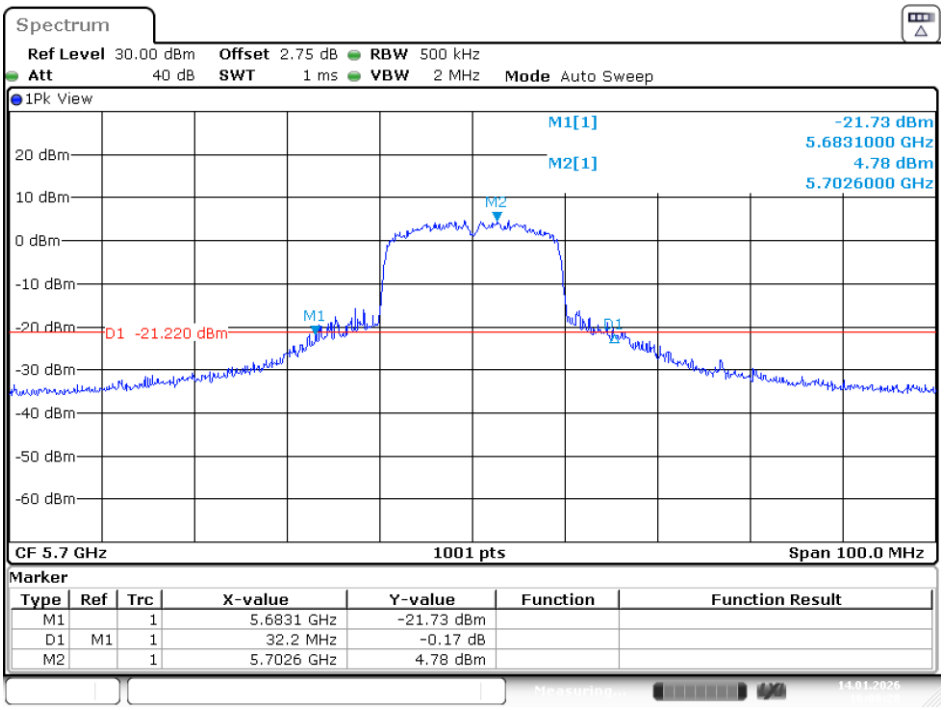
Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Result
		chain0	chain0		
149	5745	16.92	17.94	≥500	PASS
157	5785	18.20	19.06	≥500	PASS
165	5825	16.28	18.94	≥500	PASS

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	18.90	≥500	PASS
157	5785	16.80	19.70	≥500	PASS
165	5825	16.68	19.10	≥500	PASS

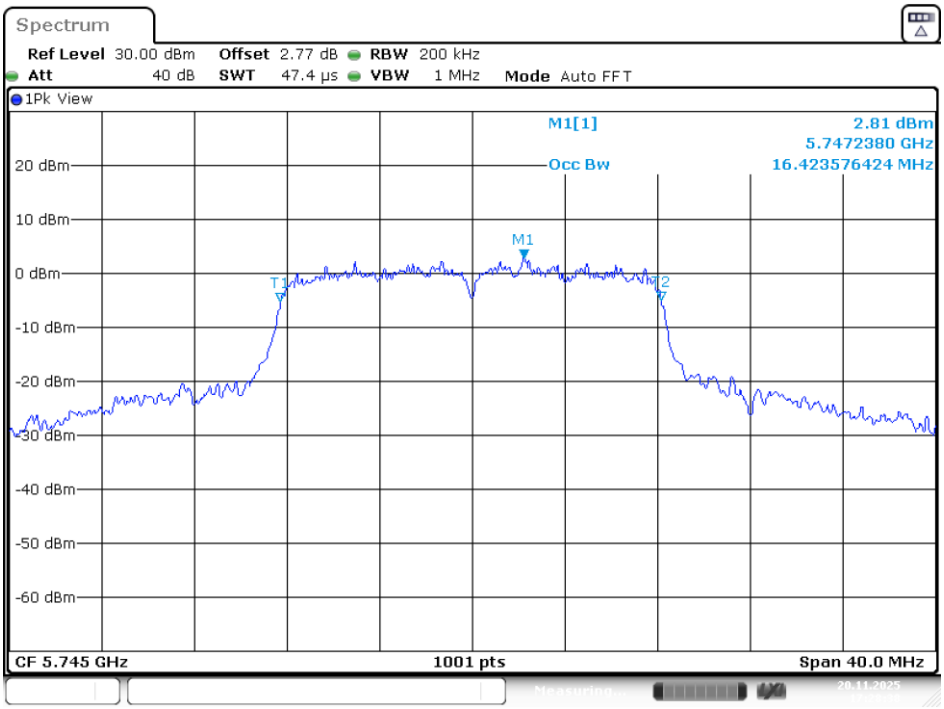
**此測試圖僅放測試結果最差的頻道。

26 dB Emission Bandwidth



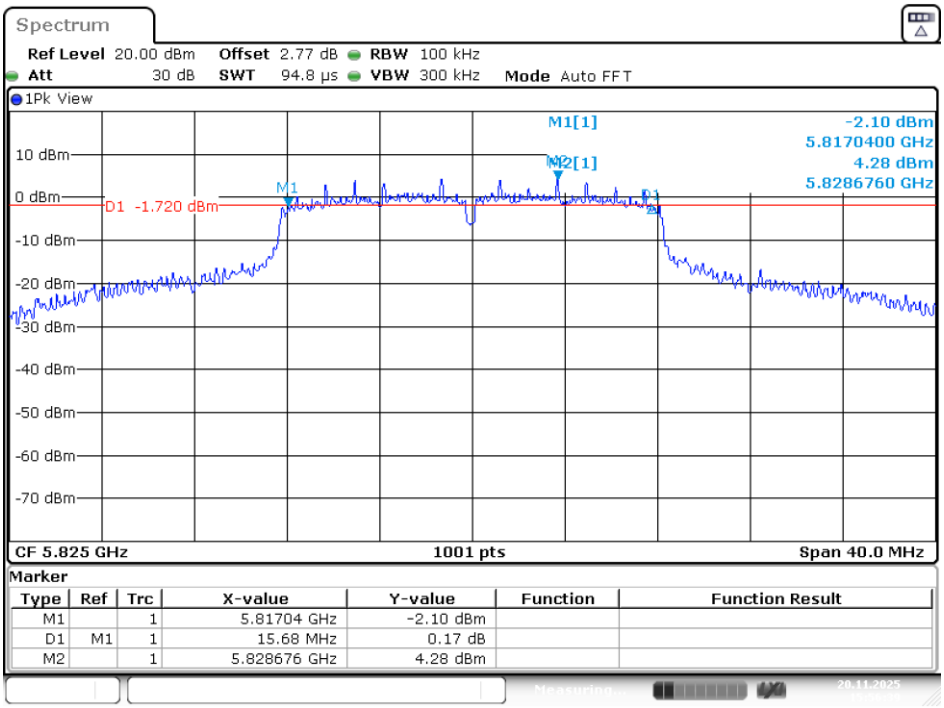
Date: 14.JAN.2026 16:06:28

99% Bandwidth



Date: 20.NOV.2025 17:28:38

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	21.7~24.5℃	測試日期	2025/10/21~225/01/14
環境濕度	41 ~ 57%	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	15.28	0.18	15.46	24
		40	5200	15.36	0.18	15.54	24
		48	5240	14.28	0.18	14.46	24
UNII-2A		52	5260	16.78	0.18	16.96	24
		60	5300	16.77	0.18	16.95	24
		64	5320	15.57	0.18	15.75	24
UNII-2C		100	5500	16.00	0.18	16.18	24
		116	5580	16.10	0.18	16.28	24
		136	5680	14.30	0.18	14.48	24
		140	5700	8.15	0.18	8.33	24
UNII-3		149	5745	13.27	0.18	13.45	30
		157	5785	14.31	0.18	14.49	30
		165	5825	14.13	0.18	14.31	30
UNII-1	802.11 n20	36	5180	15.48	0.41	15.89	24
		40	5200	15.49	0.41	15.90	24
		48	5240	14.40	0.41	14.81	24
UNII-2A		52	5260	16.45	0.41	16.86	24
		60	5300	16.47	0.41	16.88	24
		64	5320	14.79	0.41	15.20	24
UNII-2C		100	5500	16.07	0.41	16.48	24
		116	5580	16.52	0.41	16.93	24
		136	5680	14.65	0.41	15.06	24
		140	5700	7.82	0.41	8.23	24
UNII-3		149	5745	13.26	0.41	13.67	30
		157	5785	14.42	0.41	14.83	30
		165	5825	14.28	0.41	14.69	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	15.43	0	15.43	24
		40	5200	15.31	0	15.31	24
		48	5240	14.29	0	14.29	24
UNII-2A		52	5260	15.84	0	15.84	24
		60	5300	15.85	0	15.85	24
		64	5320	14.44	0	14.44	24
UNII-2C		100	5500	15.67	0	15.67	24
		116	5580	16.53	0	16.53	24
		136	5680	14.01	0	14.01	24
		140	5700	7.32	0	7.32	24
UNII-3		149	5745	13.26	0	13.26	30
		157	5785	14.28	0	14.28	30
		165	5825	13.96	0	13.96	30
UNII-1	802.11 ax20	36	5180	15.29	0	15.29	24
		40	5200	15.18	0	15.18	24
		48	5240	14.07	0	14.07	24
UNII-2A		52	5260	15.10	0	15.10	24
		60	5300	15.14	0	15.14	24
		64	5320	13.41	0	13.41	24
UNII-2C		100	5500	15.50	0	15.50	24
		116	5580	16.23	0	16.23	24
		136	5680	14.62	0	14.62	24
		140	5700	8.03	0	8.03	24
UNII-3		149	5745	13.14	0	13.14	30
		157	5785	14.26	0	14.26	30
		165	5825	14.08	0	14.08	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	21.7~24.5℃	測試日期	2025/10/21~225/01/14
環境濕度	41 ~ 57%	測試人員	Alan

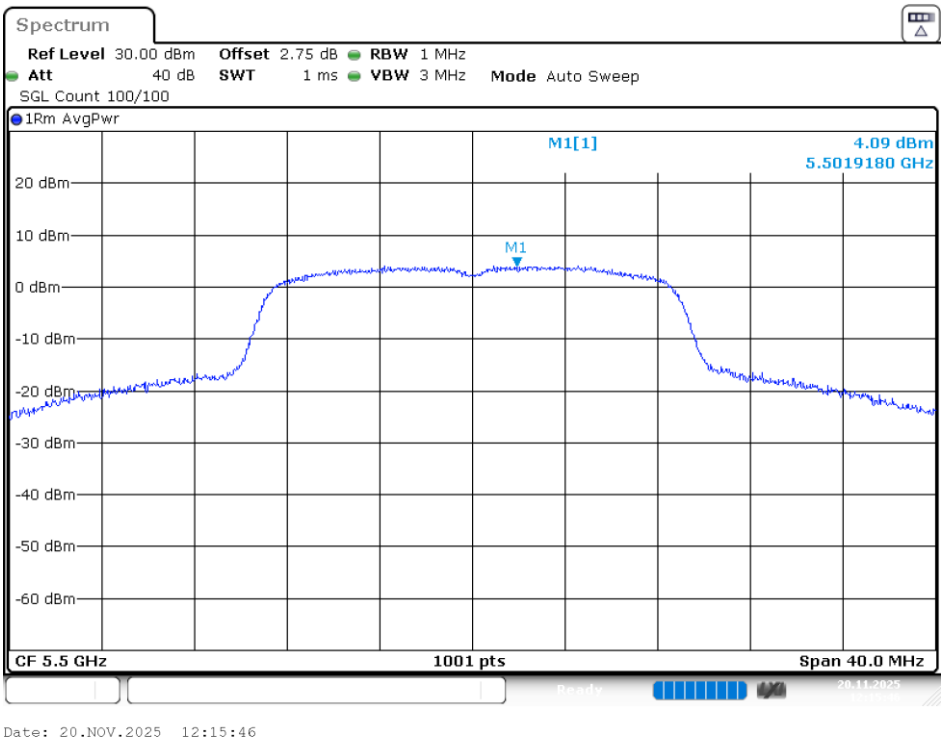
Test Mode: Transmitting

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	3.25	0.18	3.43	11
		40	5200	3.28	0.18	3.46	11
		48	5240	1.77	0.18	1.95	11
	802.11 n20	36	5180	2.3	0.41	2.71	11
		40	5200	2.67	0.41	3.08	11
		48	5240	1.00	0.41	1.41	11
	802.11 ac20	36	5180	3.53	0.00	3.53	11
		40	5200	3.58	0.00	3.58	11
		48	5240	2.30	0.00	2.30	11
	802.11 ax20	36	5180	3.29	0.00	3.29	11
		40	5200	3.25	0.00	3.25	11
		48	5240	1.94	0.00	1.94	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	3.29	0.18	3.47	11
		60	5300	3.62	0.18	3.8	11
		64	5320	2.11	0.18	2.29	11

	802.11 n20	52	5260	2.6	0.41	3.01	11
		60	5300	2.5	0.41	2.91	11
		64	5320	1.08	0.41	1.49	11
	802.11 ac20	52	5260	3.78	0	3.78	11
		60	5300	3.78	0	3.78	11
		64	5320	2.23	0	2.23	11
	802.11 ax20	52	5260	3.24	0	3.24	11
		60	5300	3.29	0	3.29	11
		64	5320	2.19	0	2.19	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-2C	802.11a	100	5500	2.72	0.18	2.90	11
		116	5580	2.51	0.18	2.69	11
		136	5680	1.89	0.18	2.07	11
		140	5700	-3.27	0.18	-3.09	11
	802.11 n20	100	5500	3.89	0.41	4.30	11
		116	5580	3.50	0.41	3.91	11
		136	5680	1.61	0.41	2.02	11
		140	5700	-3.83	0.41	-3.42	11
	802.11 ac20	142	5240	4.09	0.00	4.09	11
		100	5500	3.85	0.00	3.85	11
		116	5580	1.90	0.00	1.90	11
		136	5680	-4.28	0.00	-4.28	11
		140	5700	3.77	0.00	3.77	11
	802.11 ax20	100	5500	3.32	0.00	3.32	11
		116	5580	1.97	0.00	1.97	11
		136	5680	-3.71	0.00	-3.71	11
		140	5700	2.72	0.18	2.90	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-3	802.11a	149	5745	1.12	0.18	1.30	30

		157	5785	2.47	0.18	2.65	30
		165	5825	2.13	0.18	2.31	30
	802.11 n20	149	5745	0.72	0.41	1.13	30
		157	5785	1.87	0.41	2.28	30
		165	5825	1.55	0.41	1.96	30
	802.11 ac20	149	5745	1.06	0.00	1.06	30
		157	5785	2.07	0.00	2.07	30
		165	5825	2.11	0.00	2.11	30
	802.11 ax20	149	5745	0.79	0.00	0.79	30
		157	5785	1.50	0.00	1.50	30
		165	5825	1.53	0.00	1.53	30

**此測試圖僅放測試結果最差的頻道。



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	15.90	38.9	4.4	2.754	20	0.021	1
5250-5350	16.96	49.66	4.4	2.754	20	0.027	1
5470-5725	16.93	49.32	4.4	2.754	20	0.027	1
5725-5850	14.83	30.41	4.4	2.754	20	0.017	1

電磁波曝露量 MPE 標準值

1mW/cm^2，送測產品實測值為：**0.027** 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-B)					
Bilog Antenna & 6 dB Attenuator	SUNOL SCIENCES & EMCI	JB3 & N-6-06	A071318 & AT-N0670	2025/08/14	2026/08/14
Active Loop Antenna	ETS-Lindgren	6502	0001-3322	2025/03/27	2026/03/27
Horn Antenna	ETS-Lindgren	3115	85775	2025/10/03	2026/10/03
Horn Antenna	ETS-Lindgren	3160-09	123853	2025/08/28	2026/08/28
Horn Antenna	ETS-Lindgren	3160-10	123856	2025/08/28	2026/08/28
18-40GHz Preamplifier	GLOBAL	1313-A1840	5031371	2025/04/28	2026/04/28
30M-18GHz Preamplifier	A.H. Systems	PAM-0118P	479	2025/09/05	2026/09/05
ESR EMI Test Receiver	Rohde & Schwarz	ESR3	102430	2025/04/25	2026/04/25
Spectrum Analyzer	Rohde & Schwarz	FSV40	101456	2025/06/05	2026/06/05
Microflex Cable (1m)	EMCI	EMCI02-KM-KM-1000	180524	2025/08/01	2026/08/01
Microflex Cable (2m)	EMCI	EMCI06-SM-SM-2000	180516	2025/08/01	2026/08/01

Microflex Cable (8m)	UTIFLEX	UFA210A-1-3149-300300	MFR 64639 232490-002	2025/08/01	2026/08/01
Software	AUDIX	E3 V9	E3LK-02	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	±3.30 (dB)
	3m Chamber / 1~18GHz	±4.99 (dB)
	3m Chamber / 18~40GHz	±4.52 (dB)
	3m Chamber / 9k~30MHz	±3.20 (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)

上述表格，黃底 DFS 需有開 Band 2&3 時才會需要放。

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 *******