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	RRQ61051-010
系列型號	N/A
該產品樣品試驗依據之試驗標準	低功率射頻器材技術規範 LP0002 113年版
試驗結果	合格

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4. 本報告需加本所負責人簽名始生效。
5. 測試結果之判定，無需考量量測不確定度符合性，除非經由顧客約定、法規或標準文件規範才需要評估。
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	RLK260119060	RLK260119060RF02	2026.02.26	報告發行	Cedric Xu

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1. 一般描述

產品名稱	RRQ61051 Module
主 型 號	RRQ61051-010
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: B1:5180/5200/5220/5240 B2:5260/5280/5300/5320 B3:5500/5520/5540/5560/5580/5600/5620/5640/5660/5680/5700 B4:5745/5765/5785/5805/5825
傳輸速率	IEEE 802.11a Mode: 6-54 Mbps IEEE 802.11n HT20 Mode: MCS 0~7 IEEE 802.11ac VHT20 Mode: MCS 0~8 IEEE 802.11ax HE20 Mode: MCS 0~11
調變方式	IEEE 802.11a/n20/ac20 Mode: OFDM IEEE 802.11ax20 Mode: OFDMA
供應電源	3.3Vdc
天線資訊	天線型態: 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.

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。

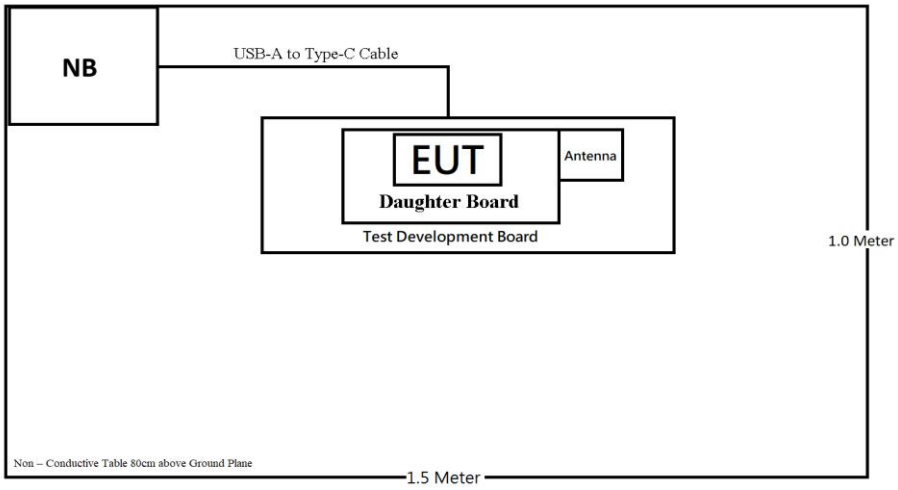
頻率 (MHz)	頻率 (MHz)	頻率 (MHz)	頻率 (MHz)
0.090 - 0.110	167.72 - 173.20	2483.5 - 2900.0	38600 以上
0.490 - 0.510	240.00 - 285.00	3260.0 - 3267.0	
2.172 - 2.198	322.00 - 335.40	3332.0 - 3339.0	
3.013 - 3.033	399.90 - 410.00	3345.8 - 3358.0	
4.115 - 4.198	485.00 - 510.00	3500.0 - 4400.0	
5.670 - 5.690	608.00 -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

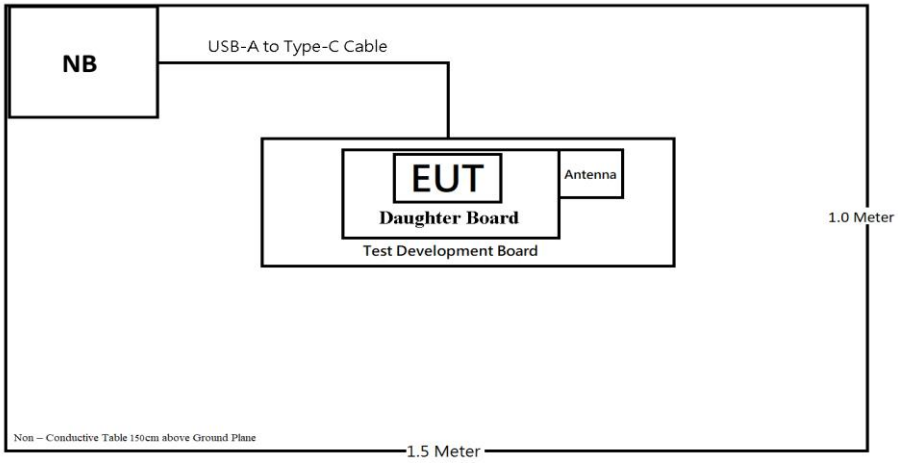
3.1 待測物與測試設備系統圖

Radiation :

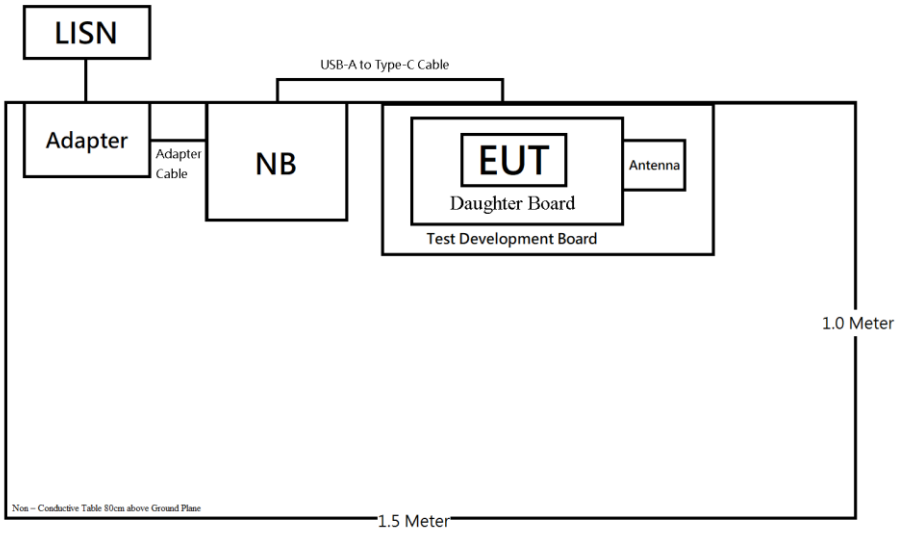
Below 1GHz



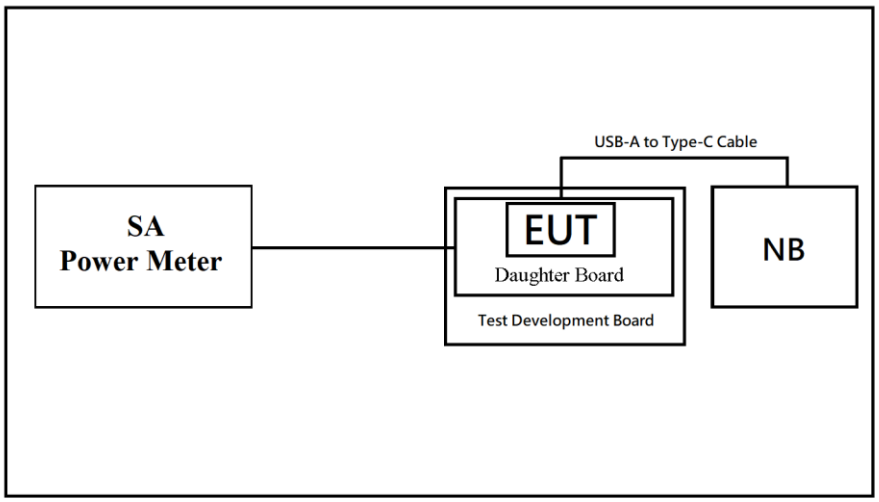
Above 1GHz:



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	RLK260119060-2
2	Conducted Test	RLK260119060-1
3	Conduction Test	RLK260119060-2

Worse	
WiFi 5G	B1 : AC20-5200 MHz
	B2 : A-5300 MHz
	B3 : N20-5500 MHz
	B4 : N20-5785 MHz

3.3 測試軟件

Used "TeraTerm5 v5.5.1" 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	Antenna (Customer provided)	ARISTOTLE	RFA-27-H60-U-GB70
6	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

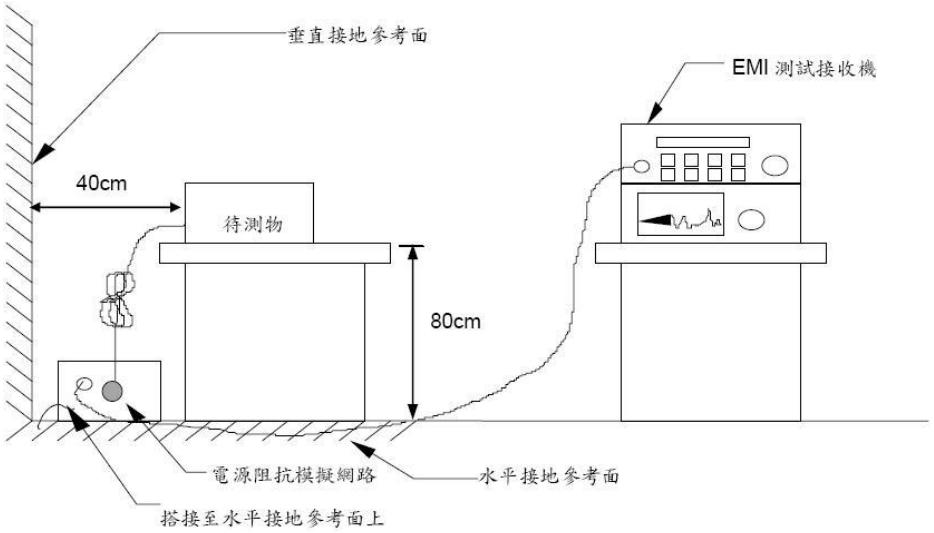
依據低功率射頻器材技術規範，電源傳導干擾之限制要求如下:

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

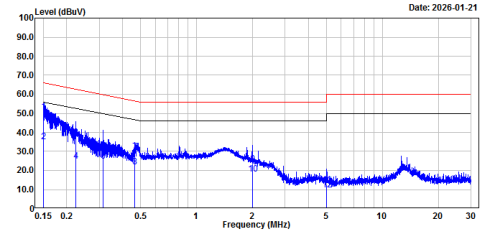
電源傳導干擾電壓之計算公式如下

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

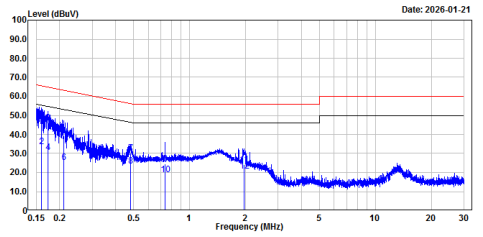
B1 Line



Site : Conduction
Condition: Line
Memo : WiFi-5G-B1-AC20-5200MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1506	30.97	50.95	19.98	65.97	-15.02	QP
2	0.1506	14.96	34.94	19.98	55.97	-21.03	Average
3	0.2251	17.39	37.37	19.98	62.63	-25.26	QP
4	0.2251	4.77	24.75	19.98	52.63	-27.88	Average
5	0.3149	10.21	30.21	20.00	59.84	-29.63	QP
6	0.3149	4.83	24.83	20.00	49.84	-25.01	Average
7	0.4659	9.76	29.79	20.03	56.59	-26.80	QP
8	0.4659	1.85	21.88	20.03	46.59	-24.71	Average
9	1.9949	3.42	23.48	20.06	56.00	-32.52	QP
10	1.9949	-2.07	17.99	20.06	46.00	-28.01	Average
11	5.0133	-7.77	12.36	20.13	60.00	-47.64	QP
12	5.0133	-10.46	9.67	20.13	50.00	-40.33	Average

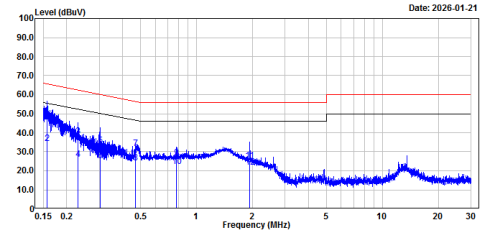
B1 Netural



Site : Conduction
Condition: Neutral
Memo : WiFi-5G-B1-AC20-5200MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1597	28.62	48.62	20.00	65.48	-16.86	QP
2	0.1597	13.76	33.76	20.00	55.48	-21.72	Average
3	0.1730	26.19	46.19	20.00	64.81	-18.62	QP
4	0.1730	10.52	30.52	20.00	54.81	-24.29	Average
5	0.2109	19.25	39.23	19.98	63.17	-23.94	QP
6	0.2109	5.15	25.13	19.98	53.17	-28.04	Average
7	0.4811	10.16	30.15	19.99	56.32	-26.17	QP
8	0.4811	3.30	23.29	19.99	46.32	-23.03	Average
9	0.7364	4.55	24.55	20.00	56.00	-31.45	QP
10	0.7364	-1.08	18.92	20.00	46.00	-27.08	Average
11	1.9632	4.27	24.32	20.05	56.00	-31.68	QP
12	1.9632	0.56	20.61	20.05	46.00	-25.39	Average

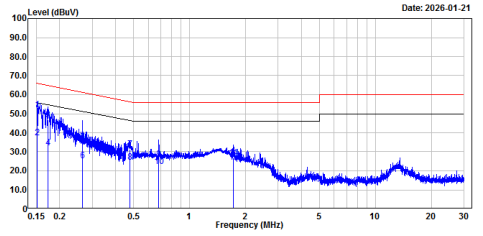
B2 Line



Site : Conduction
Condition: Line
Memo : WiFi-5G-B2-A-5300MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1572	29.54	49.52	19.98	65.61	-16.09	QP
2	0.1572	14.21	34.19	19.98	55.61	-21.42	Average
3	0.2310	18.04	38.02	19.98	62.41	-24.39	QP
4	0.2310	5.98	25.96	19.98	52.41	-26.45	Average
5	0.3023	13.17	33.17	20.00	60.18	-27.01	QP
6	0.3023	5.38	25.38	20.00	50.18	-24.80	Average
7	0.4697	11.67	31.70	20.03	56.52	-24.82	QP
8	0.4697	3.96	23.99	20.03	46.52	-22.53	Average
9	0.7804	6.73	26.77	20.04	56.00	-29.23	QP
10	0.7804	2.05	22.09	20.04	46.00	-23.91	Average
11	1.9301	5.27	25.33	20.06	56.00	-30.67	QP
12	1.9301	1.98	22.04	20.06	46.00	-23.96	Average

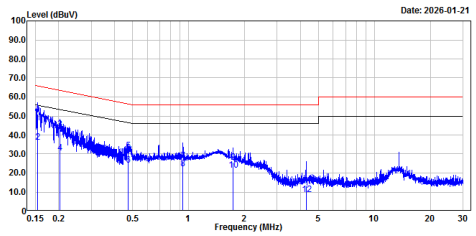
B2 Netural



Site : Conduction
Condition: Neutral
Memo : WiFi-5G-B2-A-5300MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1514	32.13	52.14	20.01	65.93	-13.79	QP
2	0.1514	17.24	37.25	20.01	55.93	-18.68	Average
3	0.1737	26.82	46.82	20.00	64.78	-17.96	QP
4	0.1737	11.94	31.94	20.00	54.78	-22.84	Average
5	0.2660	14.96	34.94	19.98	61.24	-26.30	QP
6	0.2660	5.36	25.34	19.98	51.24	-25.90	Average
7	0.4796	11.50	31.49	19.99	56.35	-24.86	QP
8	0.4796	4.53	24.52	19.99	46.35	-21.83	Average
9	0.6846	6.07	26.07	20.00	56.00	-29.93	QP
10	0.6846	2.08	22.08	20.00	46.00	-23.92	Average
11	1.7223	6.64	26.68	20.04	56.00	-29.32	QP
12	1.7223	4.48	24.52	20.04	46.00	-21.48	Average

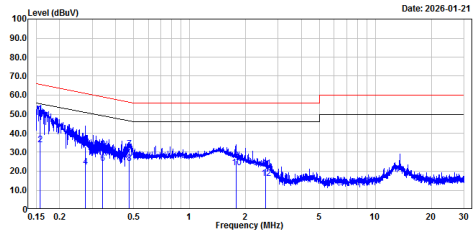
B3 Line



Site : Conduction
Condition: Line
Memo : WiFi-5G-B3-N20-5500MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1546	30.87	50.85	19.98	65.75	-14.90	QP
2	0.1546	16.18	36.16	19.98	55.75	-19.59	Average
3	0.2039	23.11	43.09	19.98	63.45	-20.36	QP
4	0.2039	10.64	30.62	19.98	53.45	-22.83	Average
5	0.4730	11.64	31.67	20.03	56.46	-24.79	QP
6	0.4730	4.00	24.03	20.03	46.46	-22.43	Average
7	0.9324	6.21	26.25	20.04	56.00	-29.75	QP
8	0.9324	2.27	22.31	20.04	46.00	-23.69	Average
9	1.7378	5.54	25.60	20.06	56.00	-30.40	QP
10	1.7378	1.39	21.45	20.06	46.00	-24.55	Average
11	4.2896	-6.94	13.18	20.12	56.00	-42.82	QP
12	4.2896	-11.61	8.51	20.12	46.00	-37.49	Average

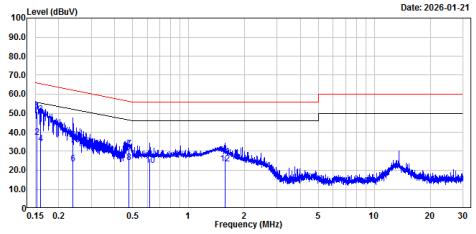
B3 Netural



Site : Conduction
Condition: Neutral
Memo : WiFi-5G-B3-N20-5500MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1569	30.12	50.12	20.00	65.63	-15.51	QP
2	0.1569	14.06	34.06	20.00	55.63	-21.57	Average
3	0.2757	12.78	32.76	19.98	60.94	-28.18	QP
4	0.2757	2.36	22.34	19.98	50.94	-28.60	Average
5	0.3394	11.28	31.26	19.98	59.22	-27.96	QP
6	0.3394	4.03	24.01	19.98	49.22	-25.21	Average
7	0.4744	11.75	31.74	19.99	56.44	-24.70	QP
8	0.4744	4.09	24.08	19.99	46.44	-22.36	Average
9	1.7800	5.75	25.79	20.04	56.00	-30.21	QP
10	1.7800	2.03	22.07	20.04	46.00	-23.93	Average
11	2.5791	1.45	21.51	20.06	56.00	-34.49	QP
12	2.5791	-3.66	16.40	20.06	46.00	-29.60	Average

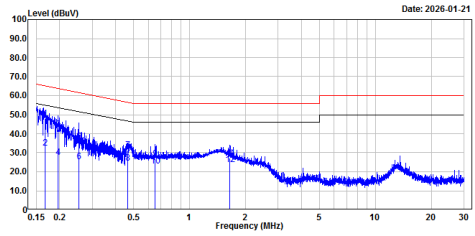
B4 Line



Site : Conduction
Condition: Line
Memo : WiFi-5G-B4-N20-5785MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1530	30.81	50.79	19.98	65.83	-15.04	QP
2	0.1530	17.27	37.25	19.98	55.83	-18.58	Average
3	0.1601	29.57	49.55	19.98	65.46	-15.91	QP
4	0.1601	14.01	33.99	19.98	55.46	-21.47	Average
5	0.2390	15.70	35.70	20.00	62.13	-26.43	QP
6	0.2390	3.22	23.22	20.00	52.13	-28.91	Average
7	0.4763	11.42	31.45	20.03	56.40	-24.95	QP
8	0.4763	4.16	24.19	20.03	46.40	-22.21	Average
9	0.6170	5.90	25.93	20.03	56.00	-30.07	QP
10	0.6170	2.63	22.66	20.03	46.00	-23.34	Average
11	1.5678	7.08	27.14	20.06	56.00	-28.86	QP
12	1.5678	3.40	23.46	20.06	46.00	-22.54	Average

B4 Netural



Site : Conduction
Condition: Neutral
Memo : WiFi-5G-B4-N20-5785MHz
Job No : RLK260119060
Model : RRQ61051-010
Power : AC 110V/60Hz
Tester : Charlie Li
Temp./ Hum.: 20.6℃/48%

	Freq	Read Level	Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.1678	27.78	47.77	19.99	65.07	-17.30	QP
2	0.1678	12.32	32.31	19.99	55.07	-22.76	Average
3	0.1969	22.16	42.14	19.98	63.74	-21.60	QP
4	0.1969	7.58	27.56	19.98	53.74	-26.18	Average
5	0.2535	15.85	35.83	19.98	61.64	-25.81	QP
6	0.2535	5.24	25.22	19.98	51.64	-26.42	Average
7	0.4650	11.27	31.26	19.99	56.60	-25.34	QP
8	0.4650	4.60	24.59	19.99	46.60	-22.01	Average
9	0.6526	6.82	26.82	20.00	56.00	-29.18	QP
10	0.6526	3.09	23.09	20.00	46.00	-22.91	Average
11	1.6498	7.25	27.29	20.04	56.00	-28.71	QP
12	1.6498	3.76	23.80	20.04	46.00	-22.20	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

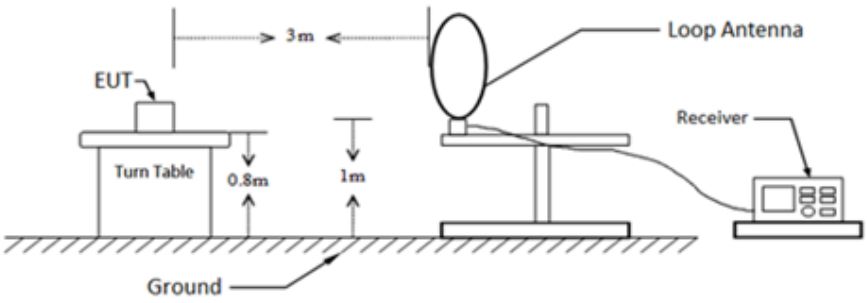


圖 2 :量測頻率30 MHz~ 1 GHz之測試配置

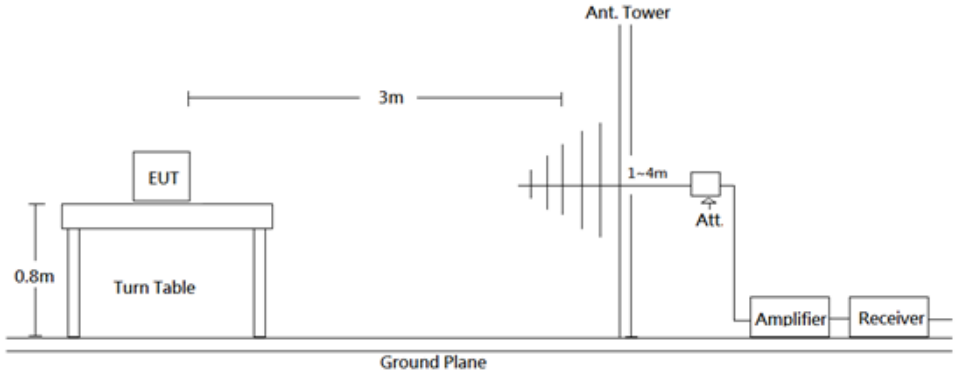


圖 3 : 量測頻率1 GHz以上之測試配置

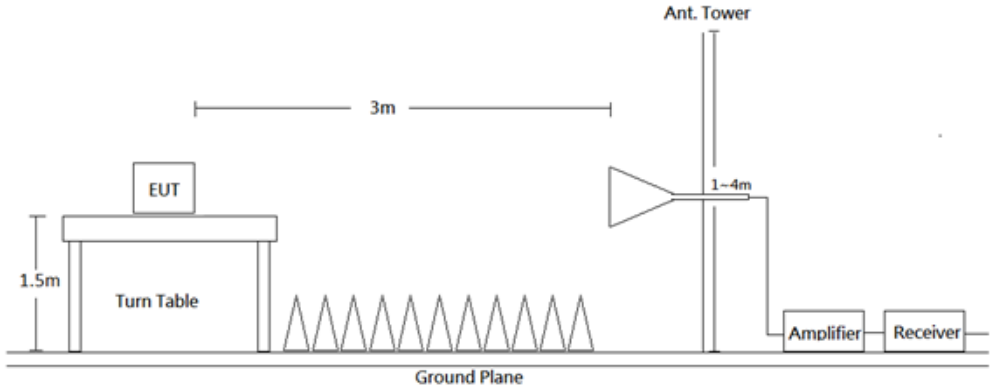
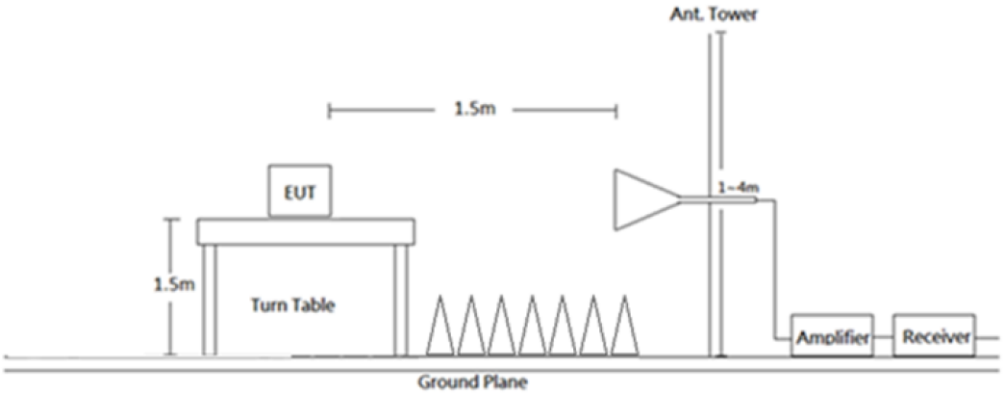


圖4: 量測頻率18GHz以上之測試配置



*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。

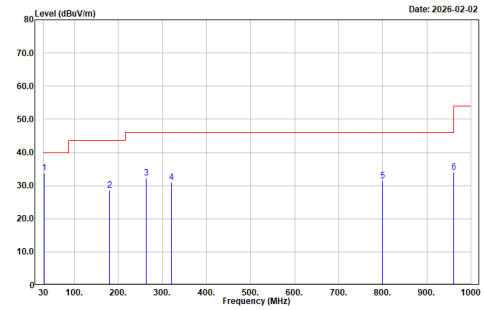
接收機 其它不必要之訊號 (1 GHz ~ 40 GHz)

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

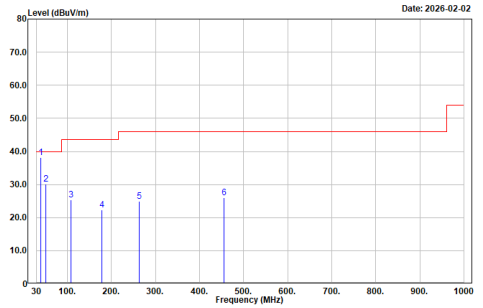
UNII-1 Band I Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : AC20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.423	37.48	-3.56	33.92	40.00	-6.08	QP
2	180.738	43.53	-14.94	28.59	43.50	-14.91	QP
3	263.996	45.70	-13.35	32.35	46.00	-13.65	QP
4	319.998	43.15	-12.25	30.90	46.00	-15.10	QP
5	800.018	35.10	-3.71	31.39	46.00	-14.61	QP
6	960.036	35.76	-1.70	34.06	54.00	-19.94	QP

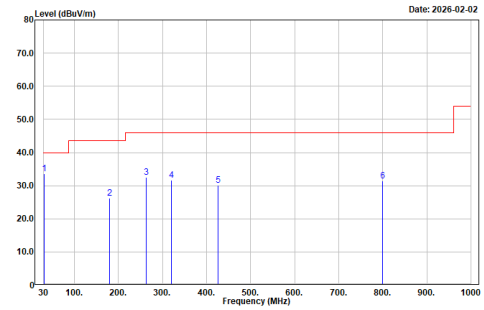
UNII-1 Band I Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : AC20-TX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1 !	40.056	48.43	-10.29	38.14	40.00	-1.86	QP
2	51.275	46.84	-16.75	30.09	40.00	-9.91	QP
3	108.602	38.88	-13.59	25.29	43.50	-18.21	QP
4	178.216	37.20	-14.79	22.41	43.50	-21.09	QP
5	263.996	38.26	-13.35	24.91	46.00	-21.09	QP
6	455.992	34.94	-8.85	26.09	46.00	-19.91	QP

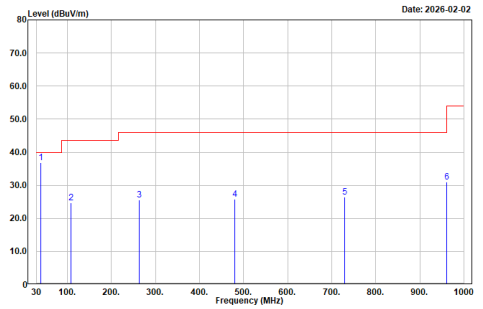
UNII-2A Band II Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : A-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.196	37.02	-3.43	33.59	40.00	-6.41	QP
2	180.382	41.20	-14.91	26.29	43.50	-17.21	QP
3	263.996	45.77	-13.35	32.42	46.00	-13.58	QP
4	319.998	43.81	-12.25	31.56	46.00	-14.44	QP
5	426.019	39.83	-9.59	30.24	46.00	-15.76	QP
6	800.018	35.23	-3.71	31.52	46.00	-14.48	QP

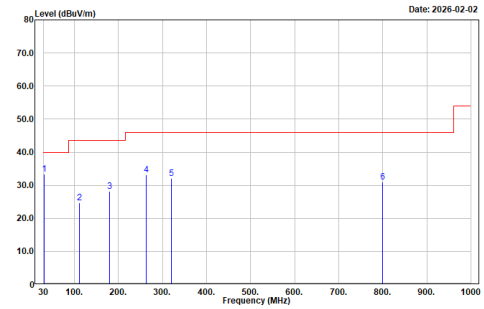
UNII-2A Band II Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : A-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39.441	46.69	-9.81	36.88	40.00	-3.12	QP
2	107.665	38.44	-13.73	24.71	43.50	-18.79	QP
3	263.996	39.04	-13.35	25.69	46.00	-20.31	QP
4	480.015	33.80	-8.06	25.74	46.00	-20.26	QP
5	729.241	30.98	-4.46	26.52	46.00	-19.48	QP
6	960.036	32.79	-1.70	31.09	54.00	-22.91	QP

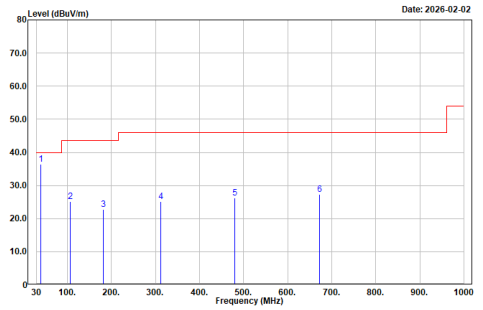
UNII-2C Band III Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.487	36.93	-3.60	33.33	40.00	-6.67	QP
2	111.642	37.80	-13.05	24.75	43.50	-18.75	QP
3	180.770	43.22	-14.95	28.27	43.50	-15.23	QP
4	263.996	46.60	-13.35	33.25	46.00	-12.75	QP
5	319.998	44.40	-12.25	32.15	46.00	-13.85	QP
6	800.018	34.65	-3.71	30.94	46.00	-15.06	QP

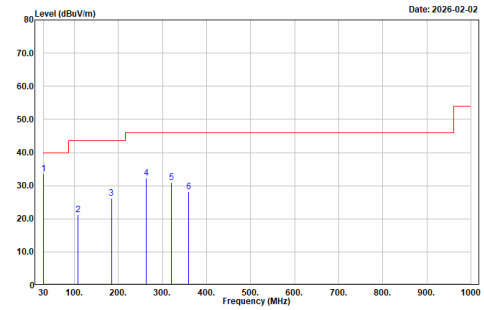
UNII-2C Band III Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39.538	46.34	-9.89	36.45	40.00	-3.55	QP
2	106.792	38.92	-13.73	25.19	43.50	-18.31	QP
3	181.546	37.83	-14.98	22.85	43.50	-20.65	QP
4	312.011	37.59	-12.41	25.18	46.00	-20.82	QP
5	479.239	34.33	-8.08	26.25	46.00	-19.75	QP
6	672.011	32.77	-5.53	27.24	46.00	-18.76	QP

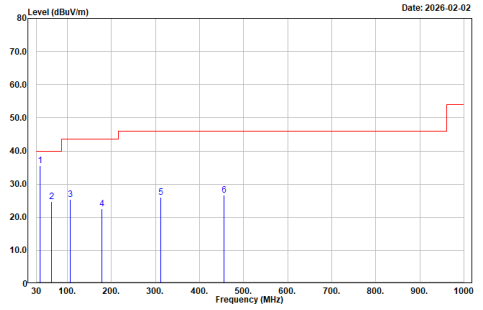
UNII-3 Band IV Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/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	30.711	36.78	-3.18	33.60	40.00	-6.40	QP
2	107.794	35.06	-13.75	21.31	43.50	-22.19	QP
3	184.230	41.15	-14.99	26.16	43.50	-17.34	QP
4	263.996	45.72	-13.35	32.37	46.00	-13.63	QP
5	319.998	43.16	-12.25	30.91	46.00	-15.09	QP
6	359.994	39.73	-11.53	28.20	46.00	-17.80	QP

UNII-3 Band IV Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-TX-5785

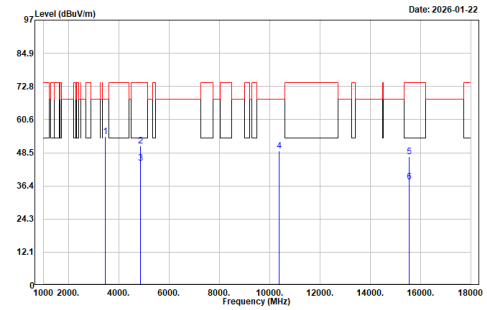
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	37.728	44.15	-8.49	35.66	40.00	-4.34	QP
2	64.467	41.83	-17.06	24.77	40.00	-15.23	QP
3	106.953	38.95	-13.68	25.27	43.50	-18.23	QP
4	178.572	37.32	-14.83	22.49	43.50	-21.01	QP
5	311.979	38.51	-12.41	26.10	46.00	-19.90	QP
6	456.024	35.45	-8.85	26.60	46.00	-19.40	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

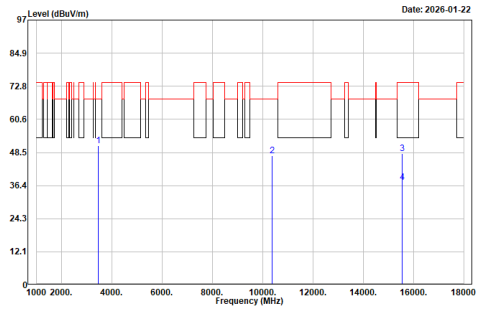
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	51.78	2.53	54.31	68.20	-13.89	Peak
2	4856.167	46.03	5.09	51.12	74.00	-22.88	Peak
3	4856.167	39.53	5.09	44.62	54.00	-9.38	Average
4	10360.000	33.60	15.48	49.08	68.20	-19.12	Peak
5	15540.000	29.42	17.60	47.02	74.00	-26.98	Peak
6	15540.000	20.21	17.60	37.81	54.00	-16.19	Average

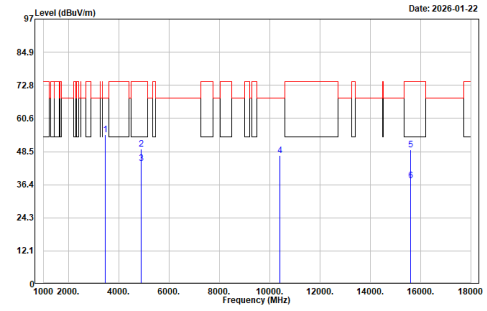
5180 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	48.52	2.53	51.05	68.20	-17.15	Peak
2	10360.000	31.75	15.48	47.23	68.20	-20.97	Peak
3	15540.000	30.51	17.60	48.11	74.00	-25.89	Peak
4	15540.000	20.05	17.60	37.65	54.00	-16.35	Average

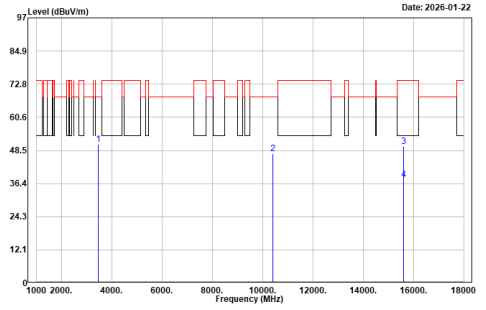
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	52.25	2.51	54.76	68.20	-13.44	Peak
2	4874.867	44.20	5.13	49.33	74.00	-24.67	Peak
3	4874.867	38.99	5.13	44.12	54.00	-9.88	Average
4	10400.000	31.61	15.45	47.06	68.20	-21.14	Peak
5	15600.000	31.71	17.34	49.05	74.00	-24.95	Peak
6	15600.000	20.63	17.34	37.97	54.00	-16.03	Average

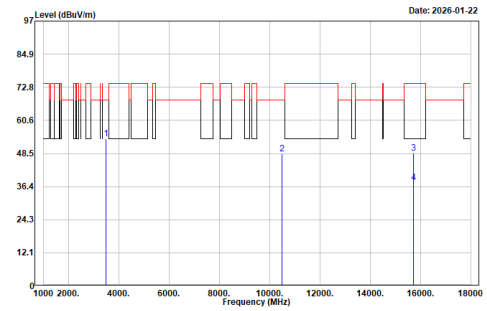
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.33	2.51	50.84	68.20	-17.36	Peak
2	10400.000	31.85	15.45	47.30	68.20	-20.90	Peak
3	15600.000	32.63	17.34	49.97	74.00	-24.03	Peak
4	15600.000	20.62	17.34	37.96	54.00	-16.04	Average

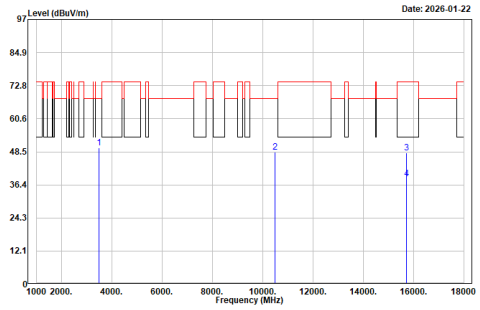
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	51.36	2.47	53.83	68.20	-14.37	Peak
2	10480.000	32.72	15.73	48.45	68.20	-19.75	Peak
3	15720.000	31.02	17.65	48.67	74.00	-25.33	Peak
4	15720.000	20.12	17.65	37.77	54.00	-16.23	Average

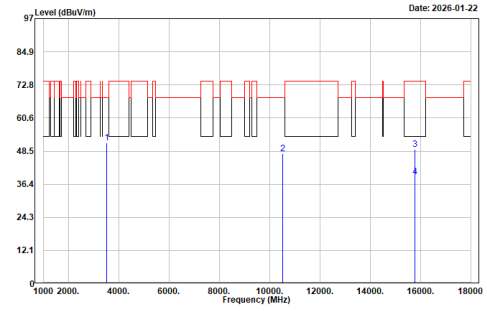
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	47.49	2.47	49.96	68.20	-18.24	Peak
2	10480.000	32.56	15.73	48.29	68.20	-19.91	Peak
3	15720.000	30.51	17.65	48.16	74.00	-25.84	Peak
4	15720.000	20.91	17.65	38.56	54.00	-15.44	Average

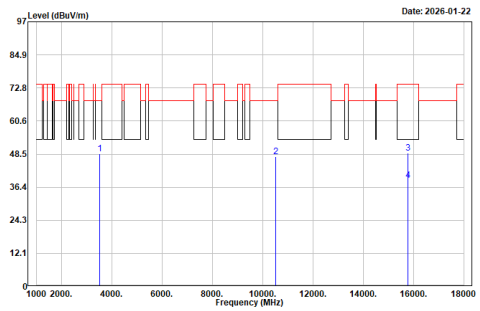
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	49.04	2.45	51.49	68.20	-16.71	Peak
2	10520.000	31.84	15.81	47.65	68.20	-20.55	Peak
3	15780.000	31.17	17.92	49.09	74.00	-24.91	Peak
4	15780.000	21.20	17.92	39.12	54.00	-14.88	Average

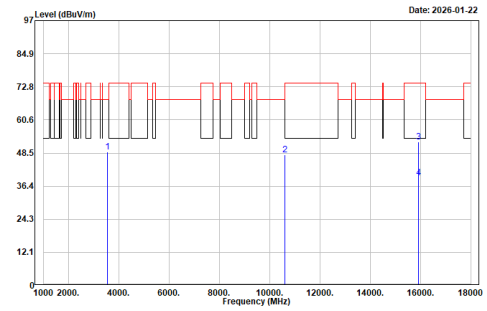
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	46.23	2.45	48.68	68.20	-19.52	Peak
2	10520.000	31.87	15.81	47.68	68.20	-20.52	Peak
3	15780.000	31.08	17.92	49.00	74.00	-25.00	Peak
4	15780.000	21.05	17.92	38.97	54.00	-15.03	Average

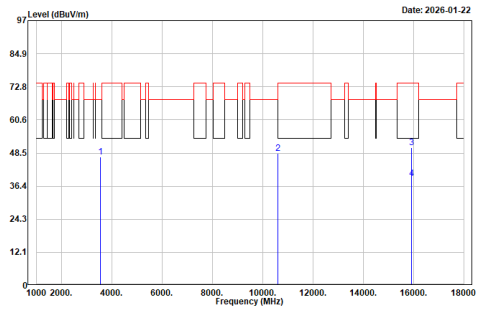
5300 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	46.47	2.46	48.93	68.20	-19.27	Peak
2	10600.000	31.95	15.99	47.94	68.20	-20.26	Peak
3	15900.000	34.20	18.25	52.45	74.00	-21.55	Peak
4	15900.000	21.11	18.25	39.36	54.00	-14.64	Average

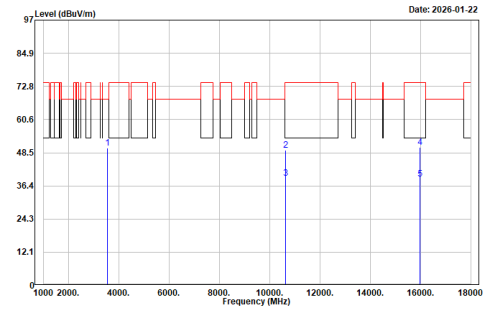
5300 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	44.51	2.46	46.97	68.20	-21.23	Peak
2	10600.000	32.41	15.99	48.40	68.20	-19.80	Peak
3	15900.000	32.29	18.25	50.54	74.00	-23.46	Peak
4	15900.000	20.97	18.25	39.22	54.00	-14.78	Average

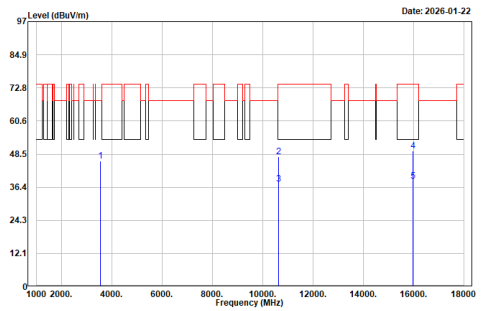
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	47.68	2.46	50.14	68.20	-18.06	Peak
2	10640.000	33.32	16.02	49.34	74.00	-24.66	Peak
3	10640.000	23.03	16.02	39.05	54.00	-14.95	Average
4	15960.000	32.56	17.94	50.50	74.00	-23.50	Peak
5	15960.000	20.97	17.94	38.91	54.00	-15.09	Average

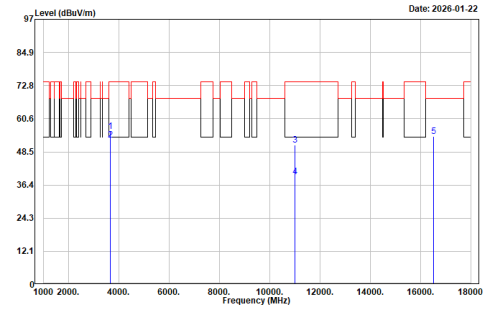
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	43.61	2.46	46.07	68.20	-22.13	Peak
2	10640.000	31.47	16.02	47.49	74.00	-26.51	Peak
3	10640.000	21.59	16.02	37.61	54.00	-16.39	Average
4	15960.000	31.80	17.94	49.74	74.00	-24.26	Peak
5	15960.000	20.59	17.94	38.53	54.00	-15.47	Average

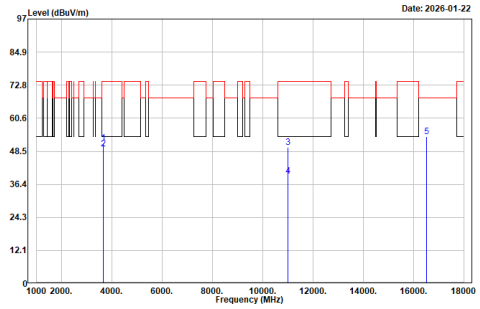
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.16	2.74	55.90	74.00	-18.10	Peak
2 !	3666.733	50.09	2.74	52.83	54.00	-1.17	Average
3	11000.000	34.79	16.22	51.01	74.00	-22.99	Peak
4	11000.000	23.19	16.22	39.41	54.00	-14.59	Average
5	16500.000	34.80	19.38	54.18	68.20	-14.02	Peak

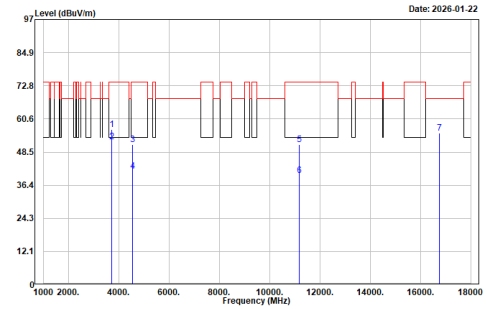
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.88	2.74	51.62	74.00	-22.38	Peak
2	3666.733	46.78	2.74	49.52	54.00	-4.48	Average
3	11000.000	33.80	16.22	50.02	74.00	-23.98	Peak
4	11000.000	23.11	16.22	39.33	54.00	-14.67	Average
5	16500.000	34.56	19.38	53.94	68.20	-14.26	Peak

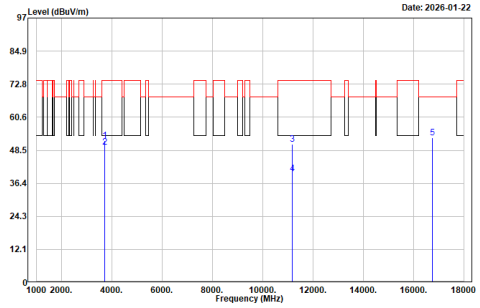
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.84	2.91	56.75	74.00	-17.25	Peak
2 !	3720.000	49.52	2.91	52.43	54.00	-1.57	Average
3	4538.267	47.12	4.20	51.32	74.00	-22.68	Peak
4	4538.267	37.21	4.20	41.41	54.00	-12.59	Average
5	11160.000	34.91	16.33	51.24	74.00	-22.76	Peak
6	11160.000	23.54	16.33	39.87	54.00	-14.13	Average
7	16740.000	35.61	19.73	55.34	68.20	-12.86	Peak

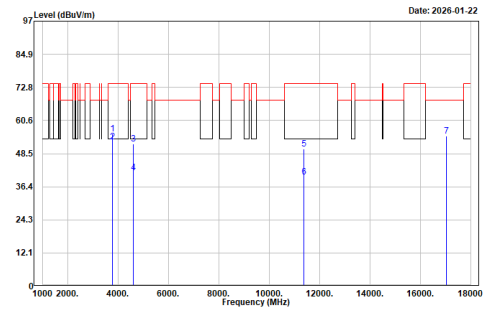
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	49.01	2.91	51.92	74.00	-22.08	Peak
2	3720.000	46.87	2.91	49.78	54.00	-4.22	Average
3	11160.000	34.36	16.33	50.69	74.00	-23.31	Peak
4	11160.000	23.51	16.33	39.84	54.00	-14.16	Average
5	16740.000	33.36	19.73	53.09	68.20	-15.11	Peak

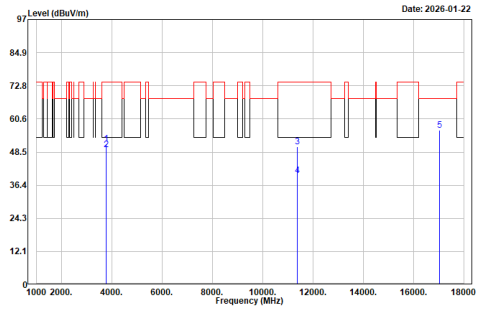
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : A-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	52.63	3.19	55.82	74.00	-18.18	Peak
2 !	3786.300	49.62	3.19	52.81	54.00	-1.19	Average
3	4611.367	47.52	4.50	52.02	74.00	-21.98	Peak
4	4611.367	36.95	4.50	41.45	54.00	-12.55	Average
5	11360.000	33.15	17.02	50.17	74.00	-23.83	Peak
6	11360.000	22.97	17.02	39.99	54.00	-14.01	Average
7	17040.000	34.29	20.60	54.89	68.20	-13.31	Peak

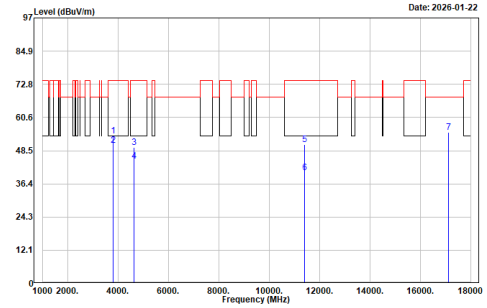
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.31	3.19	51.50	74.00	-22.50	Peak
2	3786.867	46.13	3.19	49.32	54.00	-4.68	Average
3	11360.000	33.49	17.02	50.51	74.00	-23.49	Peak
4	11360.000	22.87	17.02	39.89	54.00	-14.11	Average
5	17040.000	35.91	20.60	56.51	68.20	-11.69	Peak

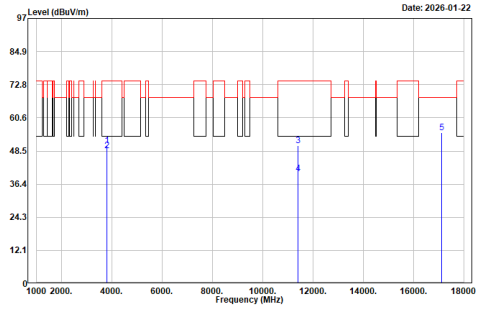
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	50.61	3.28	53.89	74.00	-20.11	Peak
2	3799.900	47.20	3.28	50.48	54.00	-3.52	Average
3	4631.767	45.17	4.54	49.71	74.00	-24.29	Peak
4	4631.767	40.04	4.54	44.58	54.00	-9.42	Average
5	11400.000	33.67	17.08	50.75	74.00	-23.25	Peak
6	11400.000	23.45	17.08	40.53	54.00	-13.47	Average
7	17100.000	34.40	20.78	55.18	68.20	-13.02	Peak

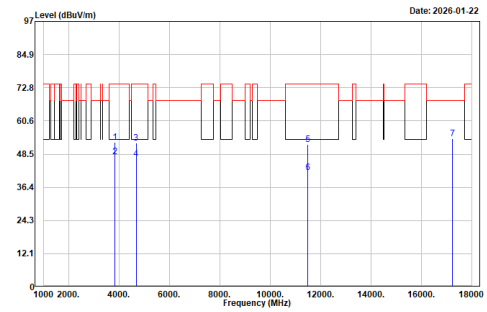
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	47.31	3.28	50.59	74.00	-23.41	Peak
2	3799.900	45.39	3.28	48.67	54.00	-5.33	Average
3	11400.000	33.33	17.08	50.41	74.00	-23.59	Peak
4	11400.000	23.08	17.08	40.16	54.00	-13.84	Average
5	17100.000	34.41	20.78	55.19	68.20	-13.01	Peak

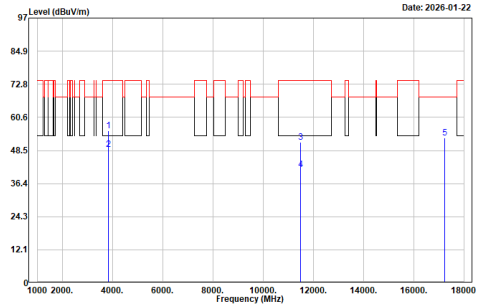
5745 MHz Horizontal




```
Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 16.9℃/56%
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	49.57	3.34	52.91	74.00	-21.09	Peak
2	3829.933	44.27	3.34	47.61	54.00	-6.39	Average
3	4673.133	47.93	4.66	52.59	74.00	-21.41	Peak
4	4673.133	42.03	4.66	46.69	54.00	-7.31	Average
5	11490.000	34.82	17.23	52.05	74.00	-21.95	Peak
6	11490.000	24.54	17.23	41.77	54.00	-12.23	Average
7	17235.000	33.03	21.00	54.03	68.20	-14.17	Peak

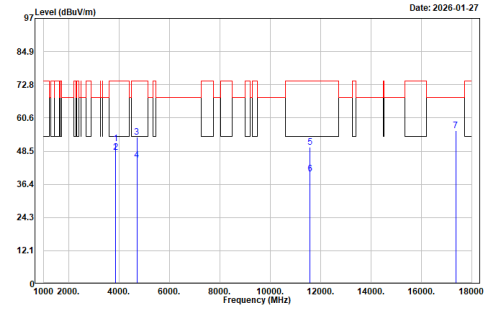
5745 MHz Vertical




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 16.9℃/56%
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	52.51	3.34	55.85	74.00	-18.15	Peak
2	3829.933	45.67	3.34	49.01	54.00	-4.99	Average
3	11490.000	34.29	17.23	51.52	74.00	-22.48	Peak
4	11490.000	24.31	17.23	41.54	54.00	-12.46	Average
5	17235.000	32.02	21.00	53.02	68.20	-15.18	Peak

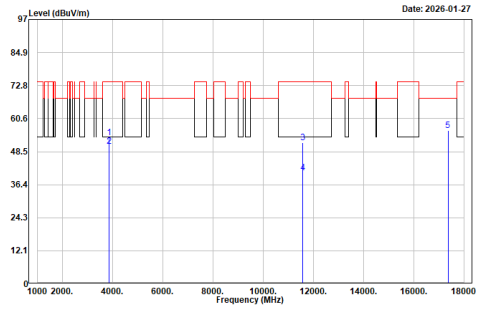
5785 MHz Horizontal




```
Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/57%
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	47.95	3.41	51.36	74.00	-22.64	Peak
2	3856.567	44.75	3.41	48.16	54.00	-5.84	Average
3	4702.033	48.89	4.72	53.61	74.00	-20.39	Peak
4	4702.033	40.41	4.72	45.13	54.00	-8.87	Average
5	11570.000	32.71	17.32	50.03	74.00	-23.97	Peak
6	11570.000	22.84	17.32	40.16	54.00	-13.84	Average
7	17355.000	34.60	21.32	55.92	68.20	-12.28	Peak

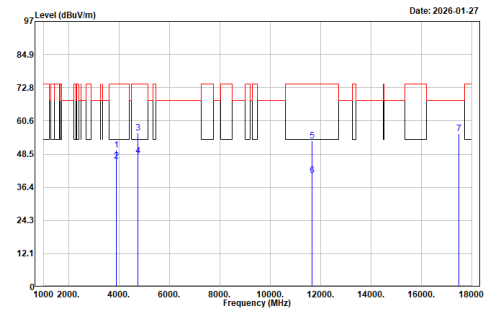
5785 MHz Vertical




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/57%
Memo     : A-TX-5785
```

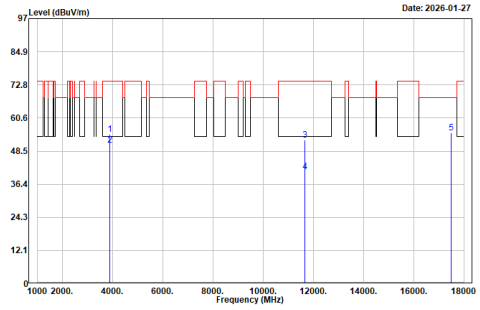
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	50.33	3.41	53.74	74.00	-20.26	Peak
2	3856.567	47.15	3.41	50.56	54.00	-3.44	Average
3	11570.000	34.57	17.32	51.89	74.00	-22.11	Peak
4	11570.000	23.32	17.32	40.64	54.00	-13.36	Average
5	17355.000	34.86	21.32	56.18	68.20	-12.02	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	46.35	3.51	49.86	74.00	-24.14	Peak
2	3883.200	42.62	3.51	46.13	54.00	-7.87	Average
3	4734.333	51.52	4.72	56.24	74.00	-17.76	Peak
4	4734.333	43.24	4.72	47.96	54.00	-6.04	Average
5	11650.000	36.02	17.42	53.44	74.00	-20.56	Peak
6	11650.000	23.25	17.42	40.67	54.00	-13.33	Average
7	17475.000	34.50	21.47	55.97	68.20	-12.23	Peak



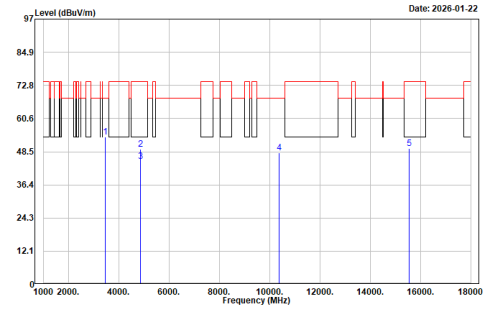
Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : A-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	51.08	3.51	54.59	74.00	-19.41	Peak
2	3883.200	47.34	3.51	50.85	54.00	-3.15	Average
3	11650.000	35.12	17.42	52.54	74.00	-21.46	Peak
4	11650.000	23.60	17.42	41.02	54.00	-12.98	Average
5	17475.000	33.79	21.47	55.26	68.20	-12.94	Peak

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

IEEE 802.11 n20 Mode

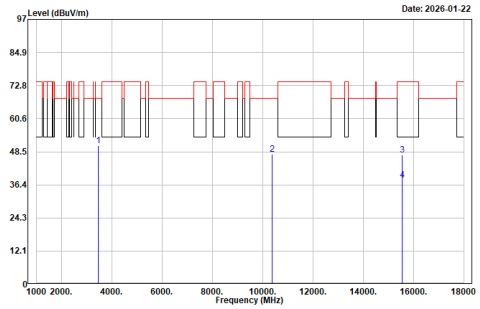
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	51.24	2.53	53.77	68.20	-14.43	Peak
2	4856.167	44.25	5.09	49.34	74.00	-24.66	Peak
3	4856.167	39.81	5.09	44.90	54.00	-9.10	Average
4	10360.000	32.67	15.48	48.15	68.20	-20.05	Peak
5	15540.000	32.11	17.60	49.71	74.00	-24.29	Peak

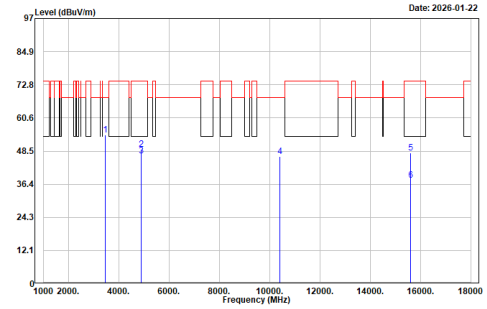
5180MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	48.29	2.53	50.82	68.20	-17.38	Peak
2	10360.000	32.01	15.48	47.49	68.20	-20.71	Peak
3	15540.000	29.62	17.60	47.22	74.00	-26.78	Peak
4	15540.000	20.48	17.60	38.08	54.00	-15.92	Average

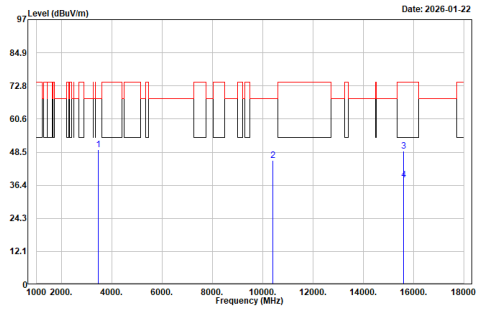
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	52.01	2.51	54.52	68.20	-13.68	Peak
2	4874.867	44.08	5.13	49.21	74.00	-24.79	Peak
3	4874.867	41.56	5.13	46.69	54.00	-7.31	Average
4	10400.000	31.21	15.45	46.66	68.20	-21.54	Peak
5	15600.000	30.45	17.34	47.79	74.00	-26.21	Peak
6	15600.000	20.40	17.34	37.74	54.00	-16.26	Average

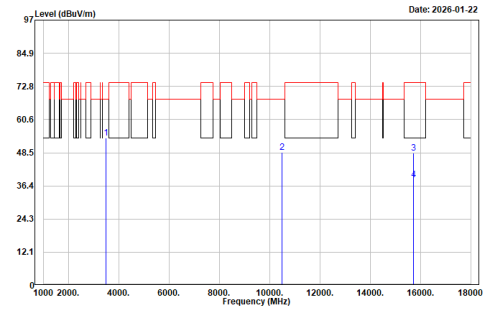
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	46.91	2.51	49.42	68.20	-18.78	Peak
2	10400.000	30.09	15.45	45.54	68.20	-22.66	Peak
3	15600.000	31.61	17.34	48.95	74.00	-25.05	Peak
4	15600.000	20.91	17.34	38.25	54.00	-15.75	Average

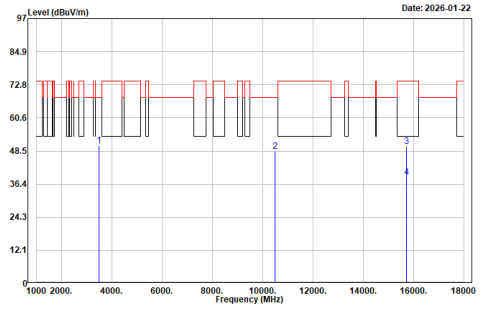
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	51.40	2.47	53.87	68.20	-14.33	Peak
2	10480.000	32.98	15.73	48.71	68.20	-19.49	Peak
3	15720.000	30.69	17.65	48.34	74.00	-25.66	Peak
4	15720.000	21.03	17.65	38.68	54.00	-15.32	Average

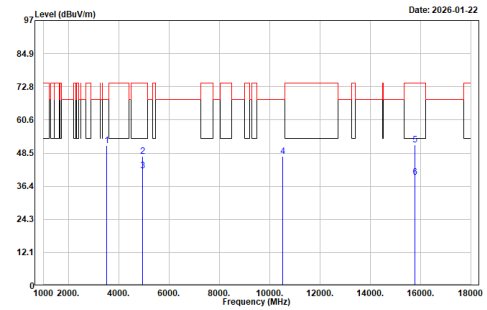
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.05	2.47	50.52	68.20	-17.68	Peak
2	10480.000	32.65	15.73	48.38	68.20	-19.82	Peak
3	15720.000	32.61	17.65	50.26	74.00	-23.74	Peak
4	15720.000	21.17	17.65	38.82	54.00	-15.18	Average

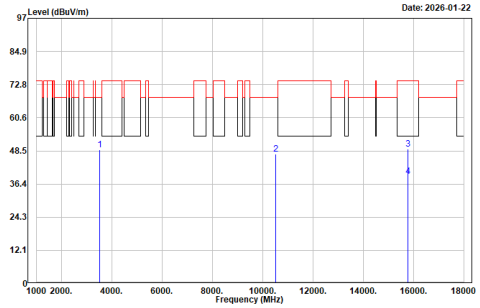
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.69	2.45	51.14	68.20	-17.06	Peak
2	4931.533	42.00	5.26	47.26	74.00	-26.74	Peak
3	4931.533	36.79	5.26	42.05	54.00	-11.95	Average
4	10520.000	31.54	15.81	47.35	68.20	-20.85	Peak
5	15780.000	33.73	17.92	51.65	74.00	-22.35	Peak
6	15780.000	21.69	17.92	39.61	54.00	-14.39	Average

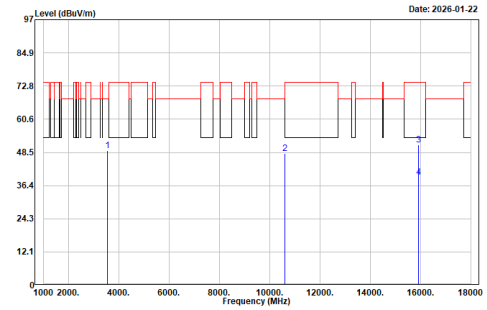
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	46.38	2.45	48.83	68.20	-19.37	Peak
2	10520.000	31.54	15.81	47.35	68.20	-20.85	Peak
3	15780.000	31.13	17.92	49.05	74.00	-24.95	Peak
4	15780.000	21.29	17.92	39.21	54.00	-14.79	Average

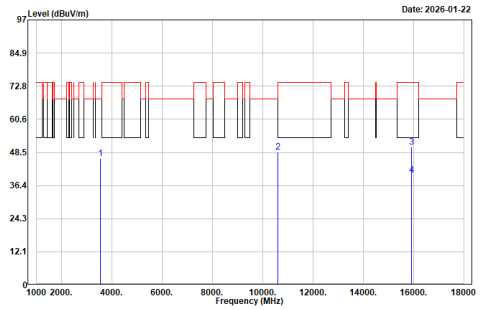
5300 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	46.64	2.46	49.10	68.20	-19.10	Peak
2	10600.000	32.03	15.99	48.02	68.20	-20.18	Peak
3	15900.000	32.93	18.25	51.18	74.00	-22.82	Peak
4	15900.000	21.27	18.25	39.52	54.00	-14.48	Average

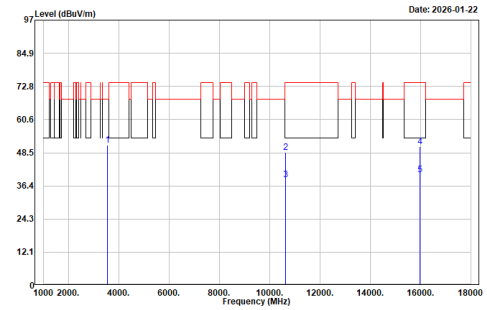
5300 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	43.91	2.46	46.37	68.20	-21.83	Peak
2	10600.000	32.52	15.99	48.51	68.20	-19.69	Peak
3	15900.000	32.27	18.25	50.52	74.00	-23.48	Peak
4	15900.000	21.86	18.25	40.11	54.00	-13.89	Average

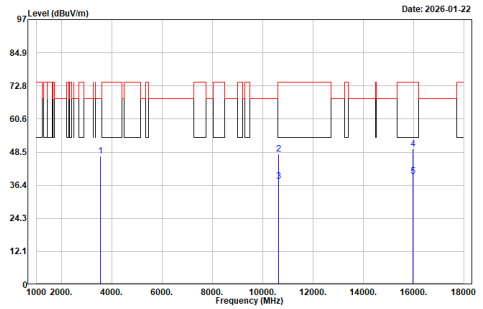
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	48.79	2.46	51.25	68.20	-16.95	Peak
2	10640.000	32.67	16.02	48.69	74.00	-25.31	Peak
3	10640.000	22.63	16.02	38.65	54.00	-15.35	Average
4	15960.000	32.84	17.94	50.78	74.00	-23.22	Peak
5	15960.000	22.48	17.94	40.42	54.00	-13.58	Average

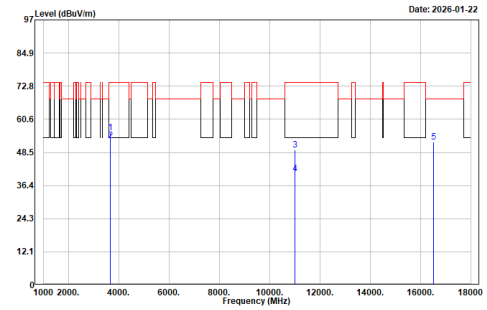
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3546.600	44.53	2.46	46.99	68.20	-21.21	Peak
2	10640.000	31.75	16.02	47.77	74.00	-26.23	Peak
3	10640.000	21.80	16.02	37.82	54.00	-16.18	Average
4	15960.000	31.78	17.94	49.72	74.00	-24.28	Peak
5	15960.000	21.69	17.94	39.63	54.00	-14.37	Average

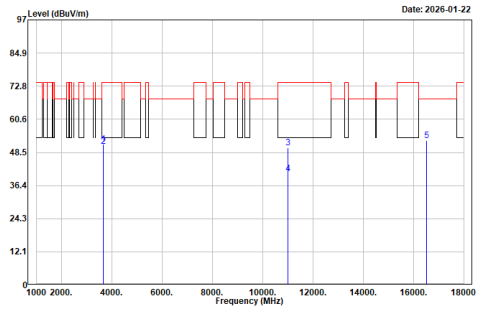
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	52.94	2.74	55.68	74.00	-18.32	Peak
2 !	3666.733	50.11	2.74	52.85	54.00	-1.15	Average
3	11000.000	33.25	16.22	49.47	74.00	-24.53	Peak
4	11000.000	24.53	16.22	40.75	54.00	-13.25	Average
5	16500.000	32.95	19.38	52.33	68.20	-15.87	Peak

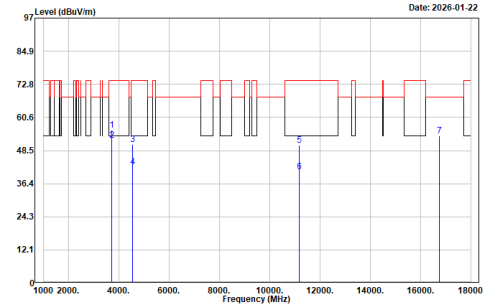
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.81	2.74	51.55	74.00	-22.45	Peak
2	3666.733	48.09	2.74	50.83	54.00	-3.17	Average
3	11000.000	33.95	16.22	50.17	74.00	-23.83	Peak
4	11000.000	24.53	16.22	40.75	54.00	-13.25	Average
5	16500.000	33.41	19.38	52.79	68.20	-15.41	Peak

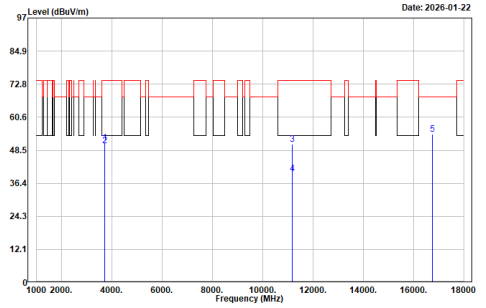
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.06	2.91	55.97	74.00	-18.03	Peak
2 !	3720.000	49.52	2.91	52.43	54.00	-1.57	Average
3	4537.700	46.54	4.20	50.74	74.00	-23.26	Peak
4	4537.700	38.45	4.20	42.65	54.00	-11.35	Average
5	11160.000	34.27	16.33	50.60	74.00	-23.40	Peak
6	11160.000	24.31	16.33	40.64	54.00	-13.36	Average
7	16740.000	34.28	19.73	54.01	68.20	-14.19	Peak

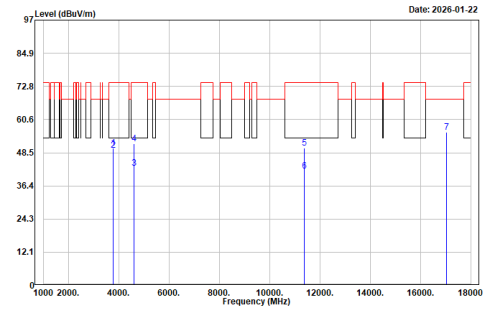
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.34	2.91	51.25	74.00	-22.75	Peak
2	3720.000	47.26	2.91	50.17	54.00	-3.83	Average
3	11160.000	34.34	16.33	50.67	74.00	-23.33	Peak
4	11160.000	23.69	16.33	40.02	54.00	-13.98	Average
5	16740.000	34.78	19.73	54.51	68.20	-13.69	Peak

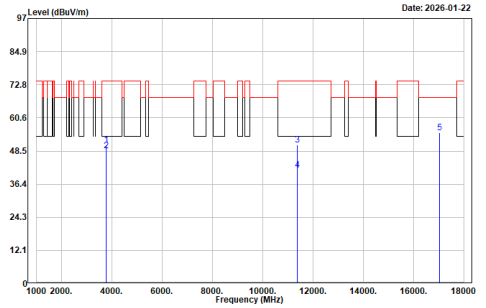
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	46.95	3.19	50.14	74.00	-23.86	Peak
2	3786.867	46.18	3.19	49.37	54.00	-4.63	Average
3	4615.333	38.40	4.51	42.91	74.00	-31.09	Peak
4 !	4615.333	47.16	4.51	51.67	54.00	-2.33	Average
5	11360.000	33.22	17.02	50.24	74.00	-23.76	Peak
6	11360.000	24.89	17.02	41.91	54.00	-12.09	Average
7	17040.000	35.37	20.60	55.97	68.20	-12.23	Peak

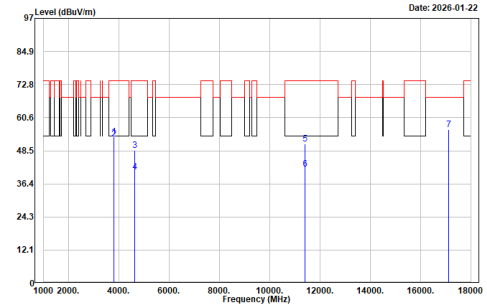
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	47.49	3.19	50.68	74.00	-23.32	Peak
2	3786.867	45.38	3.19	48.57	54.00	-5.43	Average
3	11360.000	33.59	17.02	50.61	74.00	-23.39	Peak
4	11360.000	24.39	17.02	41.41	54.00	-12.59	Average
5	17040.000	34.48	20.60	55.08	68.20	-13.12	Peak

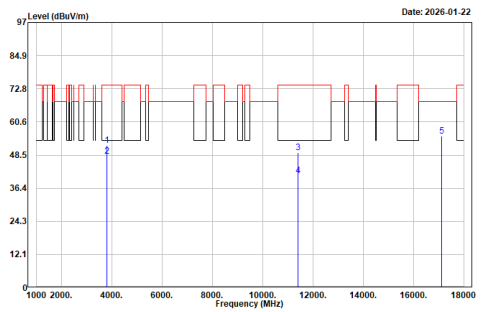
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	50.33	3.28	53.61	74.00	-20.39	Peak
2 !	3799.900	49.46	3.28	52.74	54.00	-1.26	Average
3	4634.033	44.13	4.56	48.69	74.00	-25.31	Peak
4	4634.033	36.20	4.56	40.76	54.00	-13.24	Average
5	11400.000	34.00	17.08	51.08	74.00	-22.92	Peak
6	11400.000	24.73	17.08	41.81	54.00	-12.19	Average
7	17100.000	35.61	20.78	56.39	68.20	-11.81	Peak

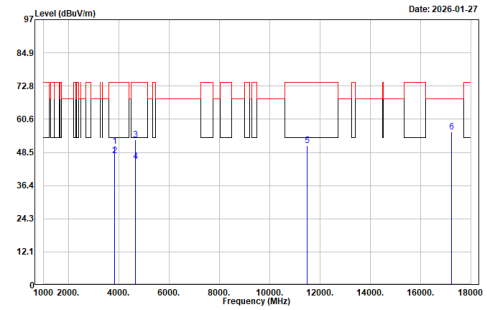
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.68	3.28	51.96	74.00	-22.04	Peak
2	3799.900	44.82	3.28	48.10	54.00	-5.90	Average
3	11400.000	32.33	17.08	49.41	74.00	-24.59	Peak
4	11400.000	24.04	17.08	41.12	54.00	-12.88	Average
5	17100.000	34.70	20.78	55.48	68.20	-12.72	Peak

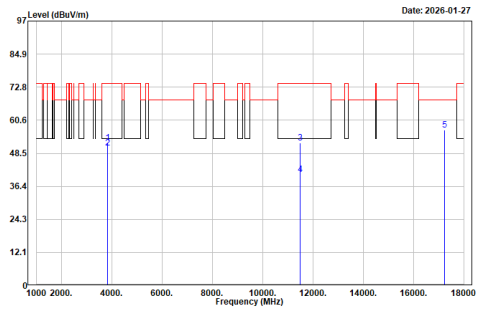
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	47.27	3.34	50.61	74.00	-23.39	Peak
2	3829.933	43.92	3.34	47.26	54.00	-6.74	Average
3	4672.000	48.48	4.65	53.13	74.00	-20.87	Peak
4	4672.000	40.68	4.65	45.33	54.00	-8.67	Average
5	11490.000	33.82	17.23	51.05	74.00	-22.95	Peak
6	17235.000	34.95	21.00	55.95	68.20	-12.25	Peak

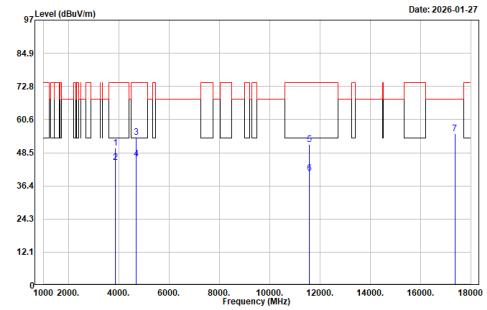
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	48.89	3.34	52.23	74.00	-21.77	Peak
2	3829.933	47.04	3.34	50.38	54.00	-3.62	Average
3	11490.000	34.97	17.23	52.20	74.00	-21.80	Peak
4	11490.000	23.42	17.23	40.65	54.00	-13.35	Average
5	17235.000	36.04	21.00	57.04	68.20	-11.16	Peak

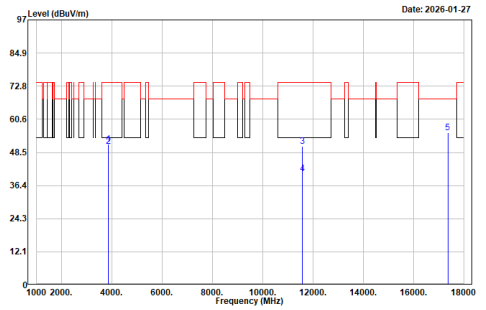
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	46.83	3.41	50.24	74.00	-23.76	Peak
2	3856.567	41.54	3.41	44.95	54.00	-9.05	Average
3	4700.900	49.49	4.72	54.21	74.00	-19.79	Peak
4	4700.900	41.64	4.72	46.36	54.00	-7.64	Average
5	11570.000	34.25	17.32	51.57	74.00	-22.43	Peak
6	11570.000	23.73	17.32	41.05	54.00	-12.95	Average
7	17355.000	34.08	21.32	55.40	68.20	-12.80	Peak

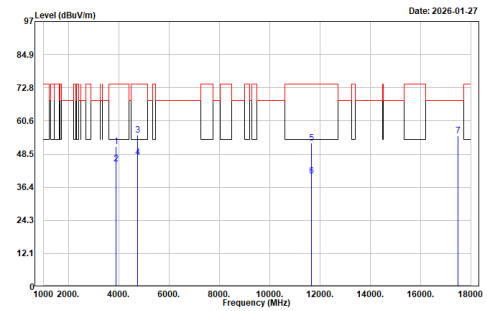
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : N20-TX-5785

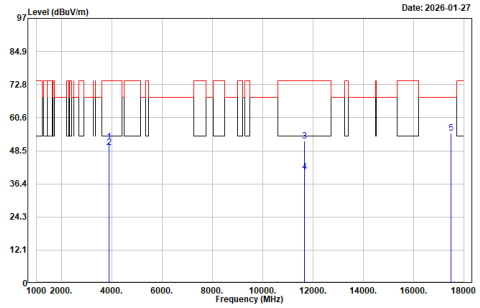
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	48.23	3.41	51.64	74.00	-22.36	Peak
2	3856.567	47.33	3.41	50.74	54.00	-3.26	Average
3	11570.000	33.54	17.32	50.86	74.00	-23.14	Peak
4	11570.000	23.35	17.32	40.67	54.00	-13.33	Average
5	17355.000	34.44	21.32	55.76	68.20	-12.44	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	47.73	3.51	51.24	74.00	-22.76	Peak
2	3883.200	41.54	3.51	45.05	54.00	-8.95	Average
3	4734.333	50.70	4.72	55.42	74.00	-18.58	Peak
4	4734.333	42.52	4.72	47.24	54.00	-6.76	Average
5	11650.000	35.13	17.42	52.55	74.00	-21.45	Peak
6	11650.000	22.95	17.42	40.37	54.00	-13.63	Average
7	17475.000	33.70	21.47	55.17	68.20	-13.03	Peak



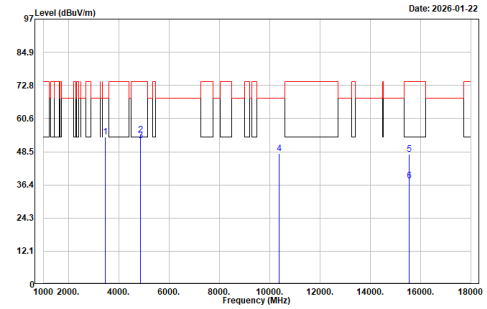
Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : N20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	48.38	3.51	51.89	74.00	-22.11	Peak
2	3883.200	46.07	3.51	49.58	54.00	-4.42	Average
3	11650.000	34.62	17.42	52.04	74.00	-21.96	Peak
4	11650.000	23.21	17.42	40.63	54.00	-13.37	Average
5	17475.000	33.57	21.47	55.04	68.20	-13.16	Peak

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

IEEE 802.11 ac20 Mode

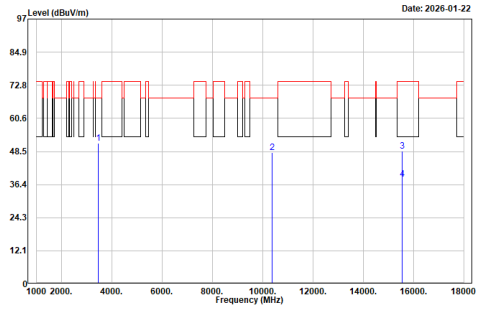
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	51.37	2.53	53.90	68.20	-14.30	Peak
2	4856.167	49.54	5.09	54.63	74.00	-19.37	Peak
3	4856.167	47.56	5.09	52.65	54.00	-1.35	Average
4	10360.000	32.28	15.48	47.76	68.20	-20.44	Peak
5	15540.000	29.95	17.60	47.55	74.00	-26.45	Peak
6	15540.000	20.27	17.60	37.87	54.00	-16.13	Average

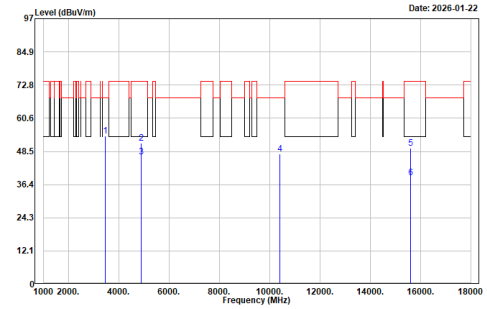
5180MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	48.89	2.53	51.42	68.20	-16.78	Peak
2	10360.000	32.62	15.48	48.10	68.20	-20.10	Peak
3	15540.000	30.92	17.60	48.52	74.00	-25.48	Peak
4	15540.000	20.84	17.60	38.44	54.00	-15.56	Average

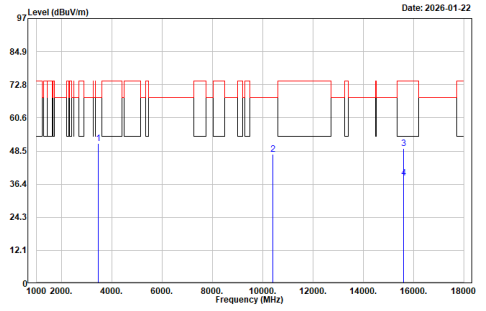
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	51.74	2.51	54.25	68.20	-13.95	Peak
2	4874.867	46.38	5.13	51.51	74.00	-22.49	Peak
3	4874.867	41.51	5.13	46.64	54.00	-7.36	Average
4	10400.000	32.24	15.45	47.69	68.20	-20.51	Peak
5	15600.000	32.34	17.34	49.68	74.00	-24.32	Peak
6	15600.000	21.61	17.34	38.95	54.00	-15.05	Average

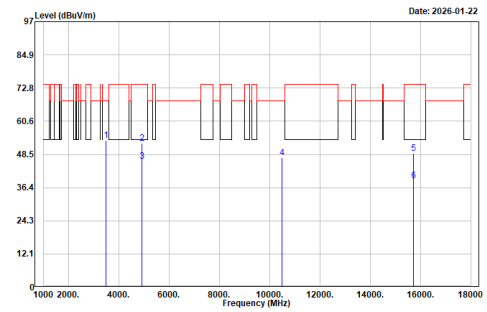
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.75	2.51	51.26	68.20	-16.94	Peak
2	10400.000	31.75	15.45	47.20	68.20	-21.00	Peak
3	15600.000	32.04	17.34	49.38	74.00	-24.62	Peak
4	15600.000	21.17	17.34	38.51	54.00	-15.49	Average

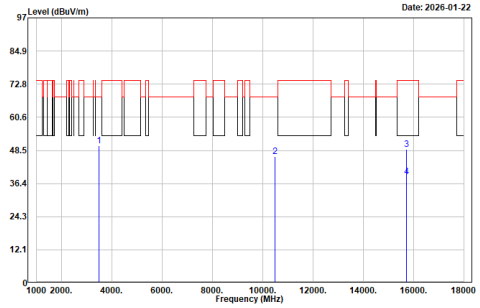
5240 MHz Horizontal




```
Site      : 966B Chamber
Condition: 3m horizontal
Job No    : RLK260119060
Model     : RRQ61051-010
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 16.9℃/56%
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	51.11	2.47	53.58	68.20	-14.62	Peak
2	4912.833	47.37	5.21	52.58	74.00	-21.42	Peak
3	4912.833	40.68	5.21	45.89	54.00	-8.11	Average
4	10480.000	31.66	15.73	47.39	68.20	-20.81	Peak
5	15720.000	31.23	17.65	48.88	74.00	-25.12	Peak
6	15720.000	21.24	17.65	38.89	54.00	-15.11	Average

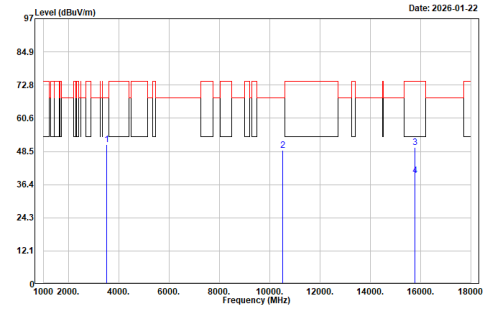
5240 MHz Vertical




```
Site      : 966B Chamber
Condition: 3m vertical
Job No    : RLK260119060
Model     : RRQ61051-010
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 16.9℃/56%
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	47.71	2.47	50.18	68.20	-18.02	Peak
2	10480.000	30.60	15.73	46.33	68.20	-21.87	Peak
3	15720.000	31.21	17.65	48.86	74.00	-25.14	Peak
4	15720.000	21.17	17.65	38.82	54.00	-15.18	Average

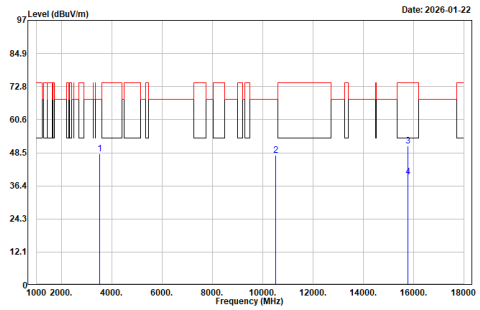
5260 MHz Horizontal




```
Site      : 966B Chamber
Condition: 3m horizontal
Job No    : RLK260119060
Model     : RRQ61051-010
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 16.9℃/56%
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	48.67	2.45	51.12	68.20	-17.08	Peak
2	10520.000	33.05	15.81	48.86	68.20	-19.34	Peak
3	15780.000	32.03	17.92	49.95	74.00	-24.05	Peak
4	15780.000	21.89	17.92	39.81	54.00	-14.19	Average

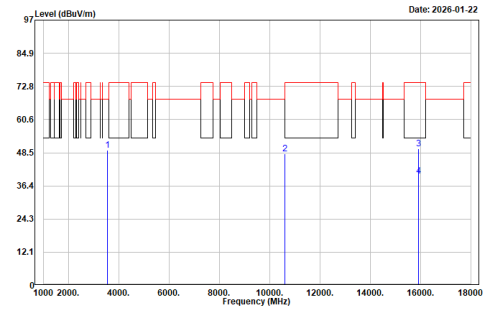
5260 MHz Vertical




```
Site      : 966B Chamber
Condition: 3m vertical
Job No    : RLK260119060
Model     : RRQ61051-010
Power     : From Test Development Board
Tester    : Derek
Temp./ Hum.: 16.9℃/56%
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	45.53	2.45	47.98	68.20	-20.22	Peak
2	10520.000	31.85	15.81	47.66	68.20	-20.54	Peak
3	15780.000	32.98	17.92	50.90	74.00	-23.10	Peak
4	15780.000	21.80	17.92	39.72	54.00	-14.28	Average

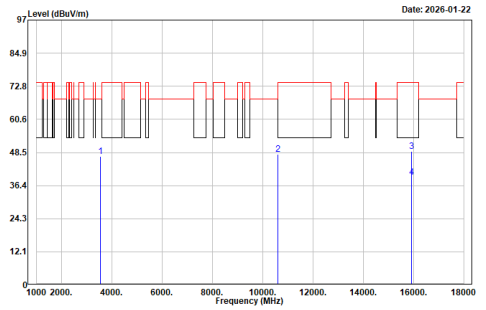
5300 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	46.88	2.46	49.34	68.20	-18.86	Peak
2	10600.000	32.03	15.99	48.02	68.20	-20.18	Peak
3	15900.000	31.77	18.25	50.02	74.00	-23.98	Peak
4	15900.000	21.78	18.25	40.03	54.00	-13.97	Average

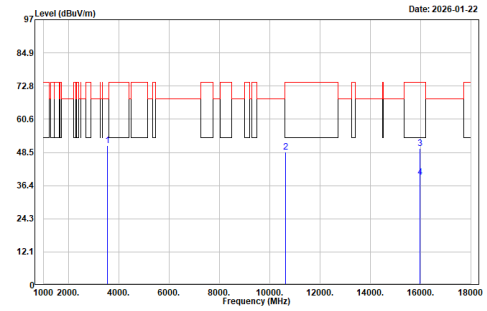
5300 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	44.51	2.46	46.97	68.20	-21.23	Peak
2	10600.000	31.93	15.99	47.92	68.20	-20.28	Peak
3	15900.000	30.76	18.25	49.01	74.00	-24.99	Peak
4	15900.000	21.15	18.25	39.40	54.00	-14.60	Average

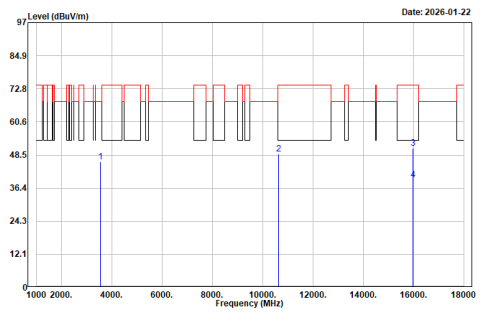
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.59	2.46	51.05	68.20	-17.15	Peak
2	10640.000	32.49	16.02	48.51	74.00	-25.49	Peak
3	15960.000	32.04	17.94	49.98	74.00	-24.02	Peak
4	15960.000	21.57	17.94	39.51	54.00	-14.49	Average

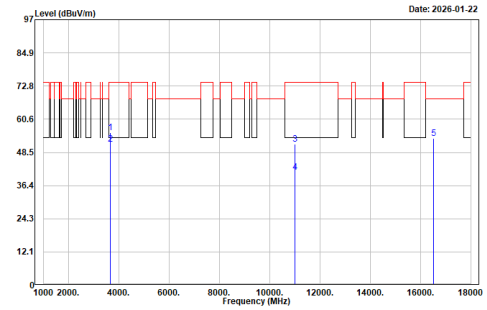
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	43.51	2.46	45.97	68.20	-22.23	Peak
2	10640.000	32.89	16.02	48.91	74.00	-25.09	Peak
3	15960.000	32.96	17.94	50.90	74.00	-23.10	Peak
4	15960.000	21.37	17.94	39.31	54.00	-14.69	Average

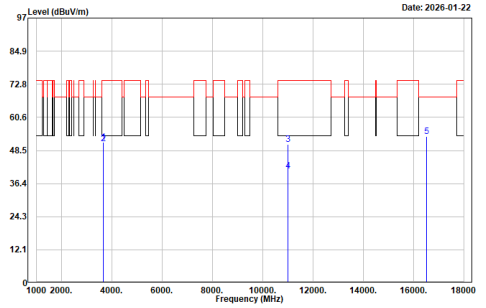
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.11	2.74	55.85	74.00	-18.15	Peak
2 !	3666.733	48.89	2.74	51.63	54.00	-2.37	Average
3	11000.000	35.29	16.22	51.51	74.00	-22.49	Peak
4	11000.000	25.16	16.22	41.38	54.00	-12.62	Average
5	16500.000	34.35	19.38	53.73	68.20	-14.47	Peak

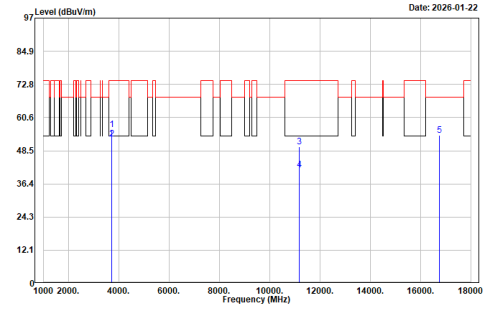
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.83	2.74	51.57	74.00	-22.43	Peak
2	3666.733	48.23	2.74	50.97	54.00	-3.03	Average
3	11000.000	34.52	16.22	50.74	74.00	-23.26	Peak
4	11000.000	24.67	16.22	40.89	54.00	-13.11	Average
5	16500.000	34.28	19.38	53.66	68.20	-14.54	Peak

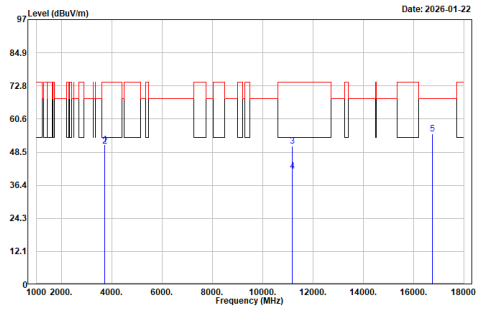
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.31	2.91	56.22	74.00	-17.78	Peak
2 !	3720.000	49.92	2.91	52.83	54.00	-1.17	Average
3	11160.000	33.66	16.33	49.99	74.00	-24.01	Peak
4	11160.000	25.11	16.33	41.44	54.00	-12.56	Average
5	16740.000	34.30	19.73	54.03	68.20	-14.17	Peak

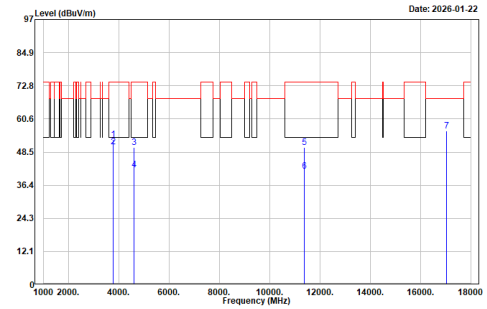
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.28	2.91	51.19	74.00	-22.81	Peak
2	3720.000	47.92	2.91	50.83	54.00	-3.17	Average
3	11160.000	34.47	16.33	50.80	74.00	-23.20	Peak
4	11160.000	25.21	16.33	41.54	54.00	-12.46	Average
5	16740.000	35.37	19.73	55.10	68.20	-13.10	Peak

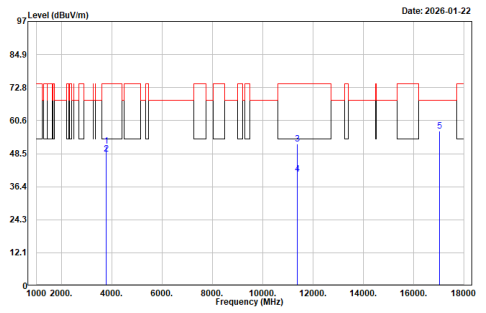
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	49.98	3.19	53.17	74.00	-20.83	Peak
2	3786.300	47.38	3.19	50.57	54.00	-3.43	Average
3	4615.333	45.66	4.51	50.17	74.00	-23.83	Peak
4	4615.333	37.61	4.51	42.12	54.00	-11.88	Average
5	11360.000	33.24	17.02	50.26	74.00	-23.74	Peak
6	11360.000	24.56	17.02	41.58	54.00	-12.42	Average
7	17040.000	35.78	20.60	56.38	68.20	-11.82	Peak

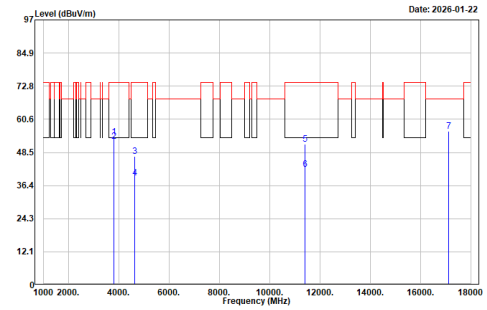
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3786.300	48.13	3.19	51.32	74.00	-22.68	Peak
2	3786.300	45.06	3.19	48.25	54.00	-5.75	Average
3	11360.000	35.11	17.02	52.13	74.00	-21.87	Peak
4	11360.000	24.10	17.02	41.12	54.00	-12.88	Average
5	17040.000	36.31	20.60	56.91	68.20	-11.29	Peak

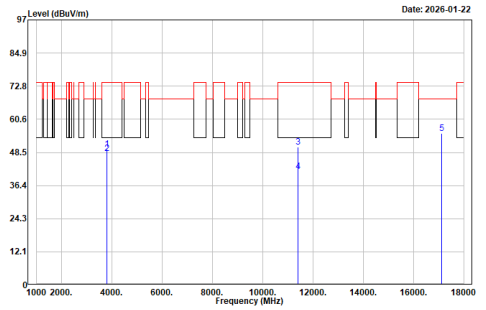
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	50.76	3.28	54.04	74.00	-19.96	Peak
2	3799.900	49.36	3.28	52.64	54.00	-1.36	Average
3	4629.500	42.46	4.54	47.00	74.00	-27.00	Peak
4	4629.500	34.62	4.54	39.16	54.00	-14.84	Average
5	11400.000	34.42	17.08	51.50	74.00	-22.50	Peak
6	11400.000	25.13	17.08	42.21	54.00	-11.79	Average
7	17100.000	35.49	20.78	56.27	68.20	-11.93	Peak

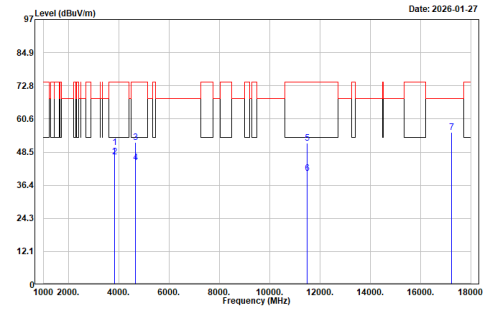
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	46.53	3.28	49.81	74.00	-24.19	Peak
2	3799.900	44.84	3.28	48.12	54.00	-5.88	Average
3	11400.000	33.40	17.08	50.48	74.00	-23.52	Peak
4	11400.000	24.58	17.08	41.66	54.00	-12.34	Average
5	17100.000	34.79	20.78	55.57	68.20	-12.63	Peak

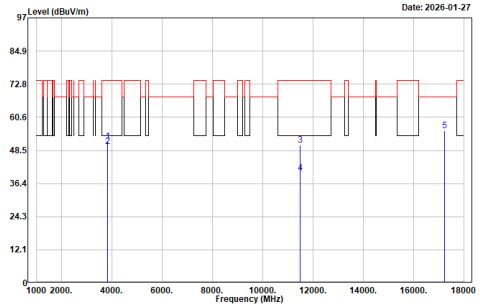
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	46.74	3.34	50.08	74.00	-23.92	Peak
2	3829.933	43.57	3.34	46.91	54.00	-7.09	Average
3	4662.367	47.38	4.62	52.00	74.00	-22.00	Peak
4	4662.367	40.05	4.62	44.67	54.00	-9.33	Average
5	11490.000	34.57	17.23	51.80	74.00	-22.20	Peak
6	11490.000	23.44	17.23	40.67	54.00	-13.33	Average
7	17235.000	34.79	21.00	55.79	68.20	-12.41	Peak

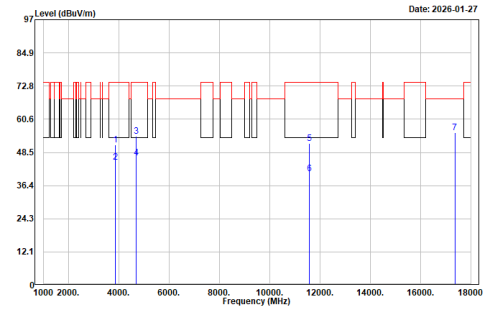
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	48.42	3.34	51.76	74.00	-22.24	Peak
2	3829.933	46.62	3.34	49.96	54.00	-4.04	Average
3	11490.000	33.12	17.23	50.35	74.00	-23.65	Peak
4	11490.000	23.01	17.23	40.24	54.00	-13.76	Average
5	17235.000	34.72	21.00	55.72	68.20	-12.48	Peak

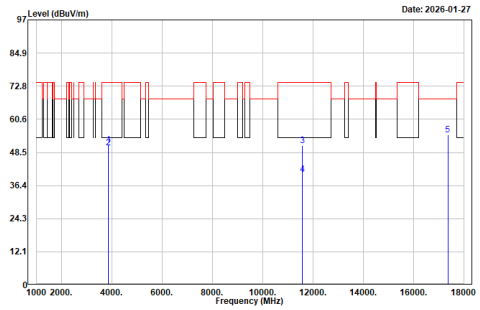
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	47.84	3.41	51.25	74.00	-22.75	Peak
2	3856.567	41.48	3.41	44.89	54.00	-9.11	Average
3	4699.767	49.77	4.72	54.49	74.00	-19.51	Peak
4	4699.767	41.76	4.72	46.48	54.00	-7.52	Average
5	11570.000	34.47	17.32	51.79	74.00	-22.21	Peak
6	11570.000	23.44	17.32	40.76	54.00	-13.24	Average
7	17355.000	34.30	21.32	55.62	68.20	-12.58	Peak

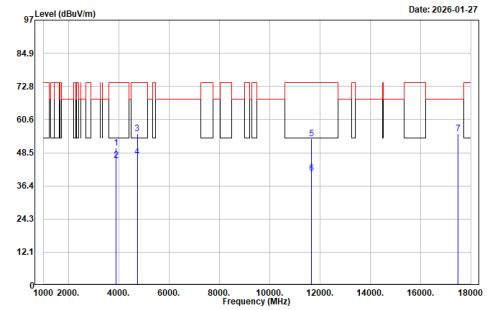
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : AC20-TX-5785

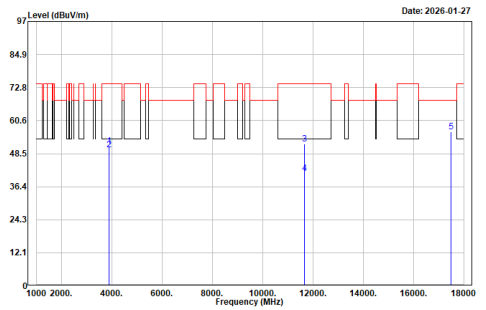
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	47.80	3.41	51.21	74.00	-22.79	Peak
2	3856.567	46.92	3.41	50.33	54.00	-3.67	Average
3	11570.000	33.65	17.32	50.97	74.00	-23.03	Peak
4	11570.000	23.27	17.32	40.59	54.00	-13.41	Average
5	17355.000	33.63	21.32	54.95	68.20	-13.25	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : AC20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	46.71	3.51	50.22	74.00	-23.78	Peak
2	3883.200	42.35	3.51	45.86	54.00	-8.14	Average
3	4730.367	50.75	4.73	55.48	74.00	-18.52	Peak
4	4730.367	42.38	4.73	47.11	54.00	-6.89	Average
5	11650.000	36.13	17.42	53.55	74.00	-20.45	Peak
6	11650.000	23.60	17.42	41.02	54.00	-12.98	Average
7	17475.000	33.87	21.47	55.34	68.20	-12.86	Peak



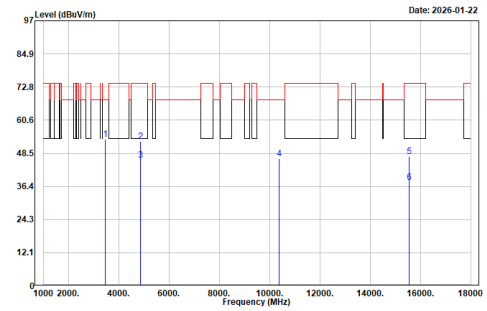
Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : AC20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	47.75	3.51	51.26	74.00	-22.74	Peak
2	3883.200	46.37	3.51	49.88	54.00	-4.12	Average
3	11650.000	34.56	17.42	51.98	74.00	-22.02	Peak
4	11650.000	23.90	17.42	41.32	54.00	-12.68	Average
5	17475.000	35.05	21.47	56.52	68.20	-11.68	Peak

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

IEEE 802.11 ax20 Mode

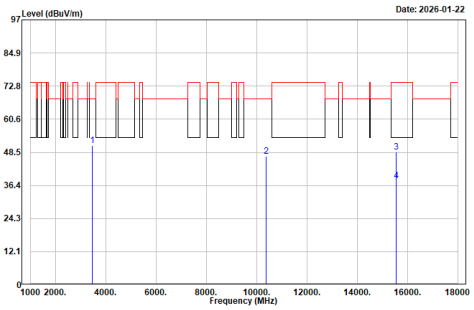
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	51.11	2.53	53.64	68.20	-14.56	Peak
2	4856.733	47.77	5.09	52.86	74.00	-21.14	Peak
3	4856.733	40.91	5.09	46.00	54.00	-8.00	Average
4	10360.000	31.16	15.48	46.64	68.20	-21.56	Peak
5	15540.000	29.73	17.60	47.33	74.00	-26.67	Peak
6	15540.000	20.20	17.60	37.80	54.00	-16.20	Average

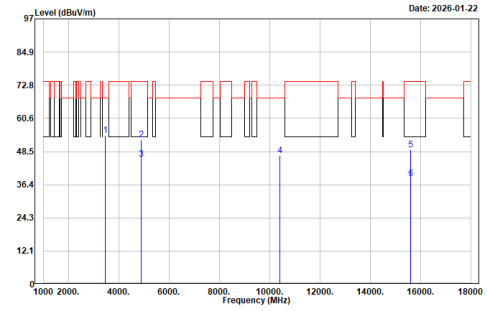
5180MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	48.60	2.53	51.13	68.20	-17.07	Peak
2	10360.000	31.52	15.48	47.00	68.20	-21.20	Peak
3	15540.000	31.01	17.60	48.61	74.00	-25.39	Peak
4	15540.000	20.62	17.60	38.22	54.00	-15.78	Average

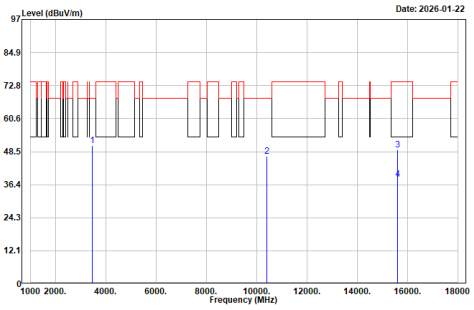
5200 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	51.84	2.51	54.35	68.20	-13.85	Peak
2	4875.433	47.71	5.13	52.84	74.00	-21.16	Peak
3	4875.433	40.61	5.13	45.74	54.00	-8.26	Average
4	10400.000	31.71	15.45	47.16	68.20	-21.04	Peak
5	15600.000	31.93	17.34	49.27	74.00	-24.73	Peak
6	15600.000	21.19	17.34	38.53	54.00	-15.47	Average

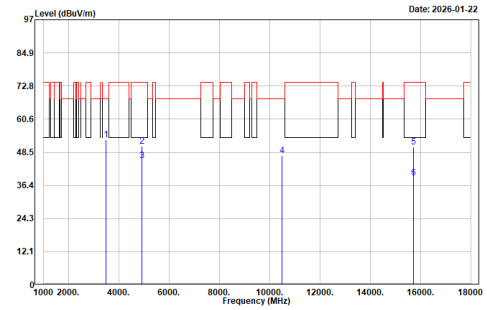
5200 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	49.69	1.06	50.75	68.20	-17.45	Peak
2	10400.000	33.80	12.99	46.79	68.20	-21.41	Peak
3	15600.000	34.74	14.39	49.13	74.00	-24.87	Peak
4	15600.000	24.08	14.39	38.47	54.00	-15.53	Average

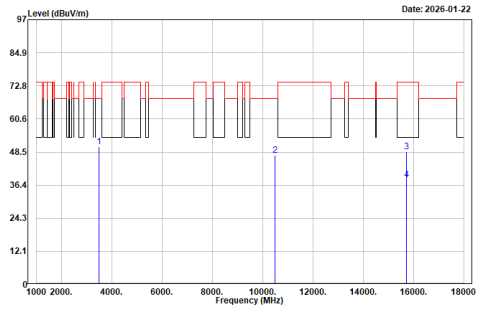
5240 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	50.60	2.47	53.07	68.20	-15.13	Peak
2	4912.833	45.45	5.21	50.66	74.00	-23.34	Peak
3	4912.833	40.18	5.21	45.39	54.00	-8.61	Average
4	10480.000	31.61	15.73	47.34	68.20	-20.86	Peak
5	15720.000	32.71	17.65	50.36	74.00	-23.64	Peak
6	15720.000	21.61	17.65	39.26	54.00	-14.74	Average

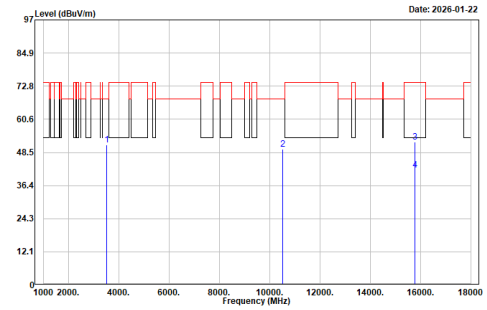
5240 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	47.99	2.47	50.46	68.20	-17.74	Peak
2	10480.000	31.60	15.73	47.33	68.20	-20.87	Peak
3	15720.000	30.85	17.65	48.50	74.00	-25.50	Peak
4	15720.000	20.81	17.65	38.46	54.00	-15.54	Average

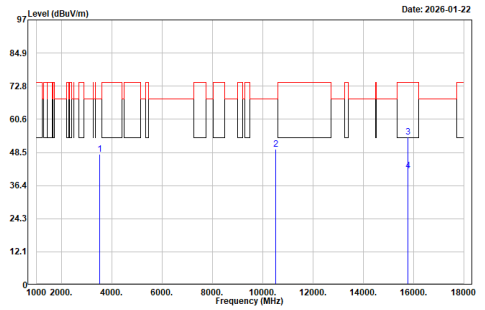
5260 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	48.78	2.45	51.23	68.20	-16.97	Peak
2	10520.000	33.87	15.81	49.68	68.20	-18.52	Peak
3	15780.000	34.52	17.92	52.44	74.00	-21.56	Peak
4	15780.000	24.11	17.92	42.03	54.00	-11.97	Average

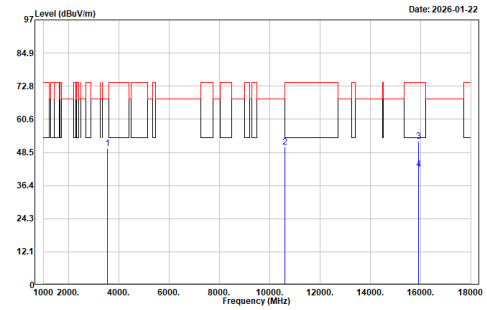
5260 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5260

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3506.367	45.45	2.45	47.90	68.20	-20.30	Peak
2	10520.000	33.98	15.81	49.79	68.20	-18.41	Peak
3	15780.000	36.29	17.92	54.21	74.00	-19.79	Peak
4	15780.000	24.00	17.92	41.92	54.00	-12.08	Average

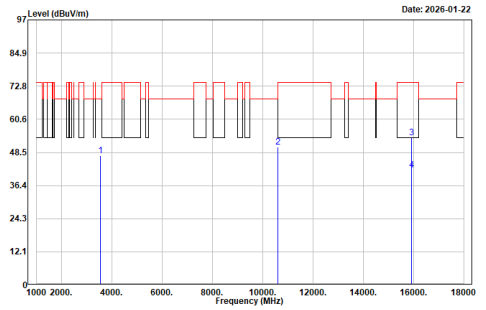
5300 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	47.37	2.46	49.83	68.20	-18.37	Peak
2	10600.000	34.52	15.99	50.51	68.20	-17.69	Peak
3	15900.000	34.34	18.25	52.59	74.00	-21.41	Peak
4	15900.000	24.20	18.25	42.45	54.00	-11.55	Average

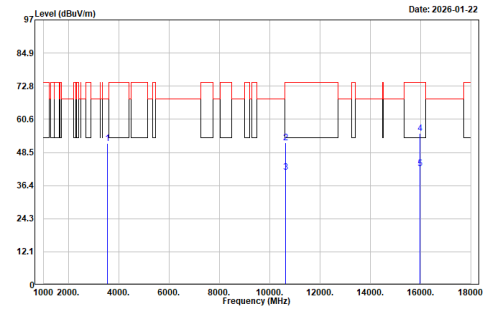
5300 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3533.000	44.73	2.46	47.19	68.20	-21.01	Peak
2	10600.000	34.52	15.99	50.51	68.20	-17.69	Peak
3	15900.000	35.73	18.25	53.98	74.00	-20.02	Peak
4	15900.000	23.86	18.25	42.11	54.00	-11.89	Average

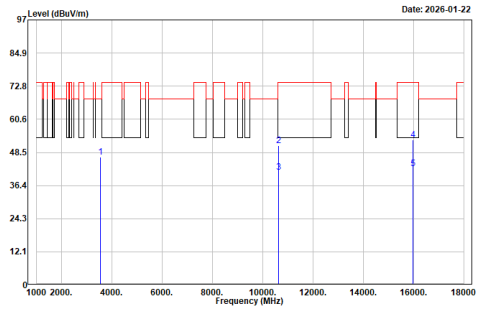
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	49.30	2.46	51.76	68.20	-16.44	Peak
2	10640.000	35.99	16.02	52.01	74.00	-21.99	Peak
3	10640.000	25.20	16.02	41.22	54.00	-12.78	Average
4	15960.000	37.55	17.94	55.49	74.00	-18.51	Peak
5	15960.000	24.54	17.94	42.48	54.00	-11.52	Average

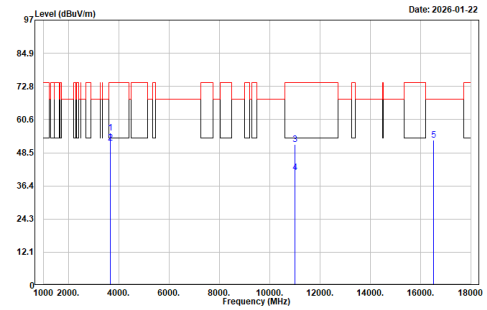
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	44.29	2.46	46.75	68.20	-21.45	Peak
2	10640.000	35.00	16.02	51.02	74.00	-22.98	Peak
3	10640.000	25.16	16.02	41.18	54.00	-12.82	Average
4	15960.000	35.19	17.94	53.13	74.00	-20.87	Peak
5	15960.000	24.69	17.94	42.63	54.00	-11.37	Average

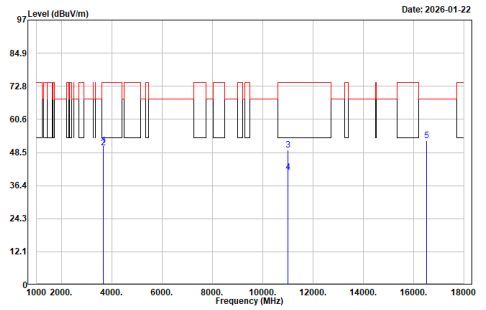
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.05	2.74	55.79	74.00	-18.21	Peak
2 !	3666.733	49.36	2.74	52.10	54.00	-1.90	Average
3	11000.000	35.25	16.22	51.47	74.00	-22.53	Peak
4	11000.000	25.14	16.22	41.36	54.00	-12.64	Average
5	16500.000	33.80	19.38	53.18	68.20	-15.02	Peak

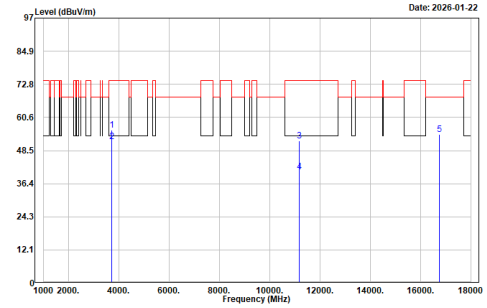
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.23	2.74	50.97	74.00	-23.03	Peak
2	3666.733	47.52	2.74	50.26	54.00	-3.74	Average
3	11000.000	33.24	16.22	49.46	74.00	-24.54	Peak
4	11000.000	25.06	16.22	41.28	54.00	-12.72	Average
5	16500.000	33.39	19.38	52.77	68.20	-15.43	Peak

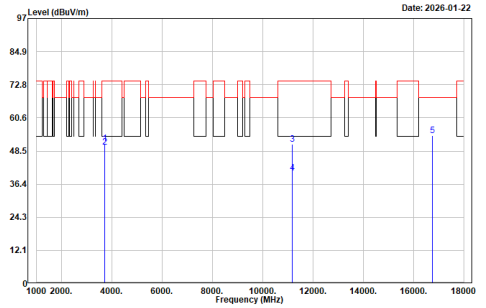
5580 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	53.18	2.91	56.09	74.00	-17.91	Peak
2 !	3720.000	48.95	2.91	51.86	54.00	-2.14	Average
3	11160.000	35.82	16.33	52.15	74.00	-21.85	Peak
4	11160.000	24.43	16.33	40.76	54.00	-13.24	Average
5	16740.000	34.64	19.73	54.37	68.20	-13.83	Peak

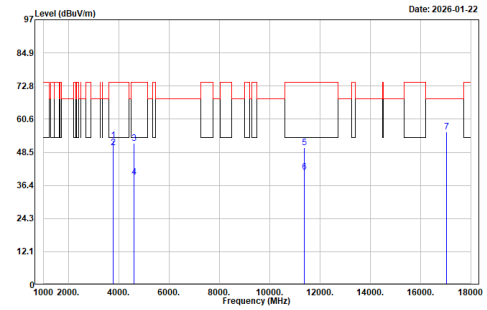
5580 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.41	2.91	51.32	74.00	-22.68	Peak
2	3720.000	47.12	2.91	50.03	54.00	-3.97	Average
3	11160.000	34.64	16.33	50.97	74.00	-23.03	Peak
4	11160.000	24.23	16.33	40.56	54.00	-13.44	Average
5	16740.000	34.35	19.73	54.08	68.20	-14.12	Peak

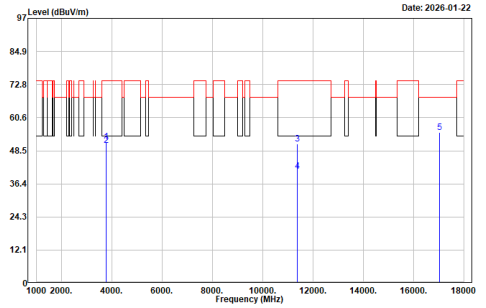
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	49.70	3.19	52.89	74.00	-21.11	Peak
2	3786.867	47.02	3.19	50.21	54.00	-3.79	Average
3	4614.200	47.21	4.51	51.72	74.00	-22.28	Peak
4	4614.200	34.82	4.51	39.33	54.00	-14.67	Average
5	11360.000	33.29	17.02	50.31	74.00	-23.69	Peak
6	11360.000	24.34	17.02	41.36	54.00	-12.64	Average
7	17040.000	35.35	20.60	55.95	68.20	-12.25	Peak

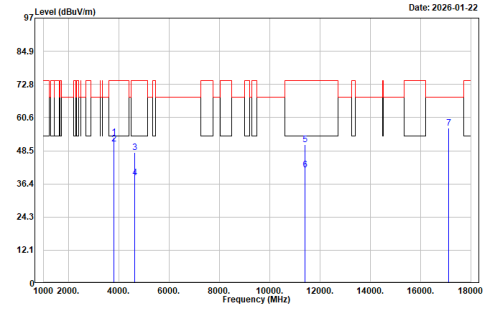
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	48.62	3.19	51.81	74.00	-22.19	Peak
2	3786.300	47.18	3.19	50.37	54.00	-3.63	Average
3	11360.000	33.98	17.02	51.00	74.00	-23.00	Peak
4	11360.000	23.98	17.02	41.00	54.00	-13.00	Average
5	17040.000	34.68	20.60	55.28	68.20	-12.92	Peak

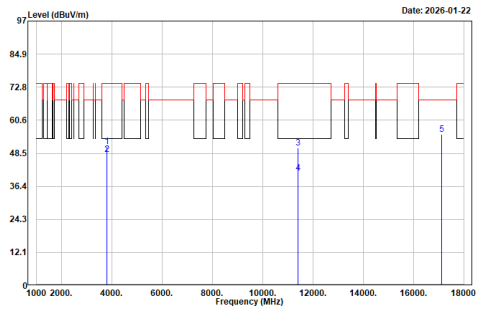
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	50.10	3.28	53.38	74.00	-20.62	Peak
2 !	3799.900	47.84	3.28	51.12	54.00	-2.88	Average
3	4636.300	43.19	4.56	47.75	74.00	-26.25	Peak
4	4636.300	33.97	4.56	38.53	54.00	-15.47	Average
5	11400.000	33.75	17.08	50.83	74.00	-23.17	Peak
6	11400.000	24.34	17.08	41.42	54.00	-12.58	Average
7	17100.000	36.05	20.78	56.83	68.20	-11.37	Peak

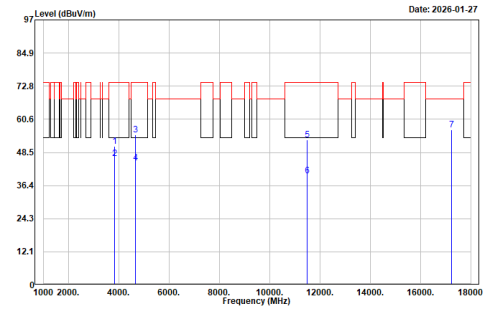
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
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	47.66	3.28	50.94	74.00	-23.06	Peak
2	3799.900	44.88	3.28	48.16	54.00	-5.84	Average
3	11400.000	33.34	17.08	50.42	74.00	-23.58	Peak
4	11400.000	24.26	17.08	41.34	54.00	-12.66	Average
5	17100.000	34.82	20.78	55.60	68.20	-12.60	Peak

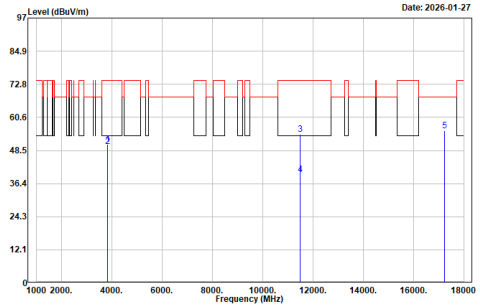
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	47.51	3.34	50.85	74.00	-23.15	Peak
2	3829.933	42.82	3.34	46.16	54.00	-7.84	Average
3	4667.467	50.18	4.64	54.82	74.00	-19.18	Peak
4	4667.467	40.09	4.64	44.73	54.00	-9.27	Average
5	11490.000	35.75	17.23	52.98	74.00	-21.02	Peak
6	11490.000	22.74	17.23	39.97	54.00	-14.03	Average
7	17235.000	35.65	21.00	56.65	68.20	-11.55	Peak

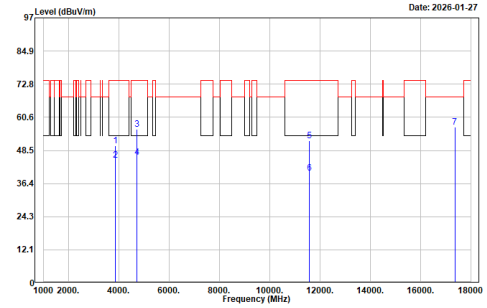
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	47.52	3.34	50.86	74.00	-23.14	Peak
2	3829.933	46.50	3.34	49.84	54.00	-4.16	Average
3	11490.000	37.15	17.23	54.38	74.00	-19.62	Peak
4	11490.000	22.53	17.23	39.76	54.00	-14.24	Average
5	17235.000	34.78	21.00	55.78	68.20	-12.42	Peak

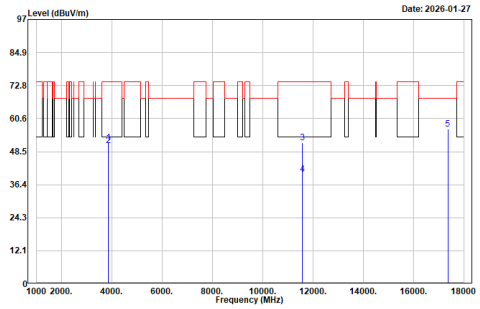
5785 MHz Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	46.85	3.41	50.26	74.00	-23.74	Peak
2	3856.567	41.42	3.41	44.83	54.00	-9.17	Average
3	4707.133	51.49	4.71	56.20	74.00	-17.80	Peak
4	4707.133	41.40	4.71	46.11	54.00	-7.89	Average
5	11570.000	34.78	17.32	52.10	74.00	-21.90	Peak
6	11570.000	22.84	17.32	40.16	54.00	-13.84	Average
7	17355.000	35.61	21.32	56.93	68.20	-11.27	Peak

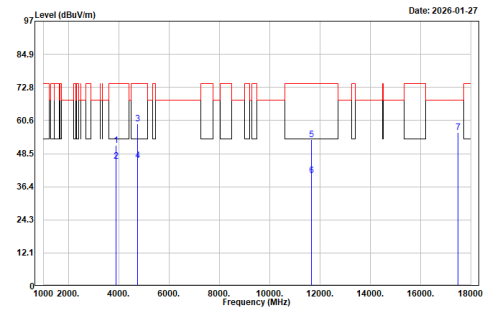
5785 MHz Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : AX20-TX-5785

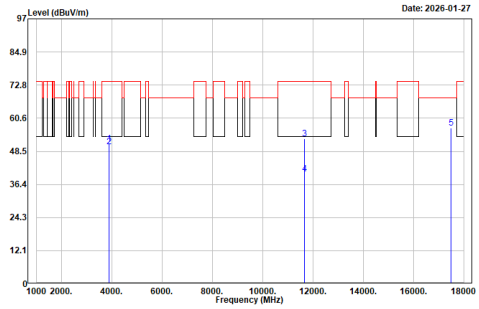
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3856.567	48.28	3.41	51.69	74.00	-22.31	Peak
2	3856.567	47.43	3.41	50.84	54.00	-3.16	Average
3	11570.000	34.53	17.32	51.85	74.00	-22.15	Peak
4	11570.000	22.89	17.32	40.21	54.00	-13.79	Average
5	17355.000	35.55	21.32	56.87	68.20	-11.33	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : AX20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	47.92	3.51	51.43	74.00	-22.57	Peak
2	3883.200	42.35	3.51	45.86	54.00	-8.14	Average
3	4733.200	54.70	4.72	59.42	74.00	-14.58	Peak
4	4733.200	41.23	4.72	45.95	54.00	-8.05	Average
5	11650.000	36.27	17.42	53.69	74.00	-20.31	Peak
6	11650.000	23.11	17.42	40.53	54.00	-13.47	Average
7	17475.000	34.78	21.47	56.25	68.20	-11.95	Peak



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : AX20-TX-5825

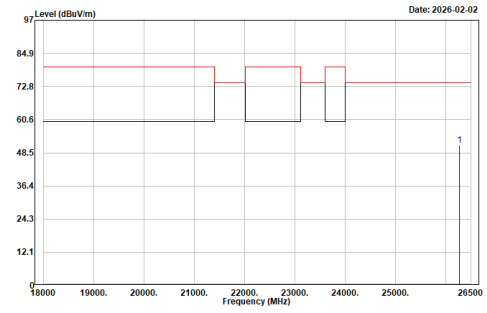
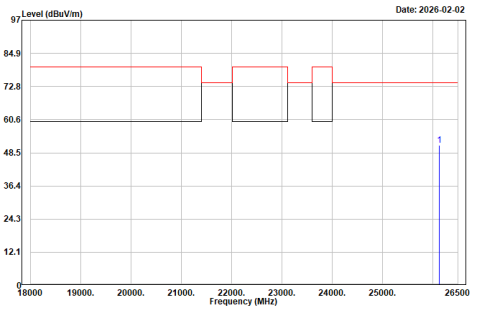
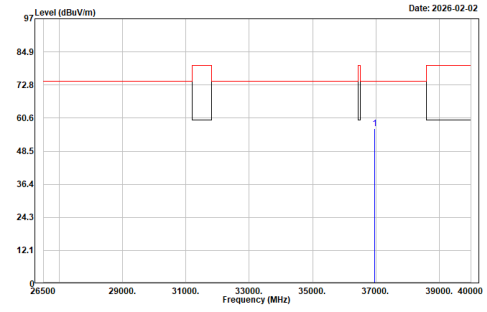
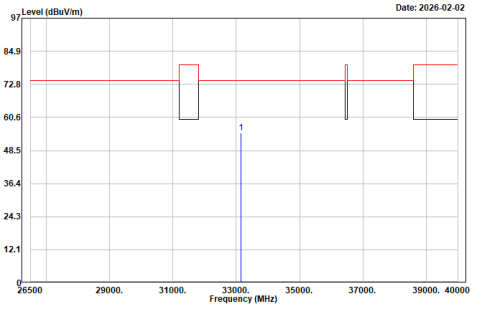
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3883.200	47.85	3.51	51.36	74.00	-22.64	Peak
2	3883.200	46.77	3.51	50.28	54.00	-3.72	Average
3	11650.000	35.60	17.42	53.02	74.00	-20.98	Peak
4	11650.000	22.83	17.42	40.25	54.00	-13.75	Average
5	17475.000	35.47	21.47	56.94	68.20	-11.26	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)

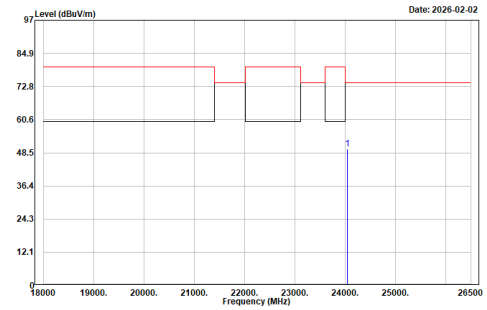
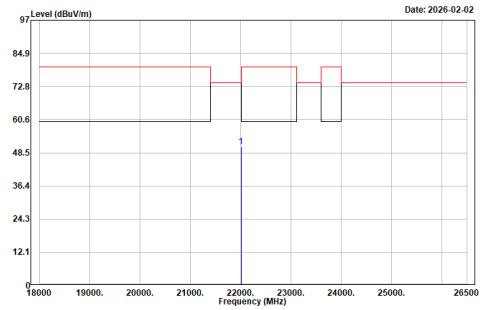
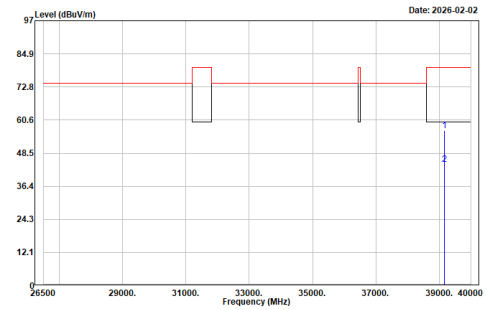
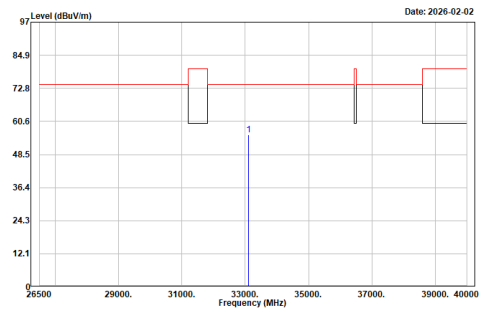
UNII-1 Band I

IEEE 802.11ac 20 Mode

5200 MHz Horizontal (18GHz-26.5GHz)	5200 MHz Vertical (18GHz-26.5GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 26264.550 46.07 5.16 51.23 74.20 -22.97 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 26129.680 46.47 4.77 51.24 74.20 -22.96 Peak
5200 MHz Horizontal (26.5GHz-40GHz)	5200 MHz Vertical (26.5GHz-40GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 36953.950 49.14 7.62 56.76 74.20 -17.44 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-TX-5200 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 33146.500 45.63 9.30 54.93 74.20 -19.27 Peak

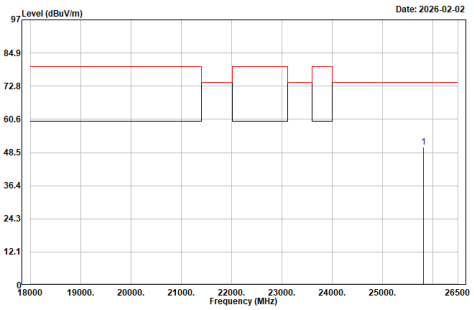
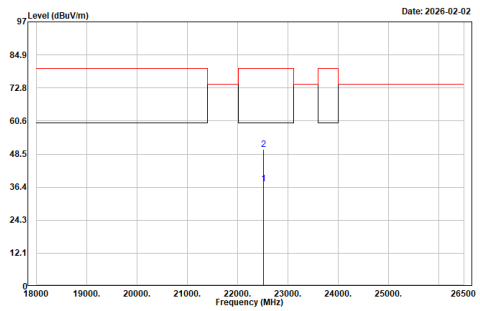
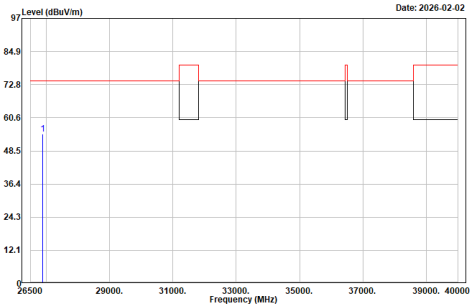
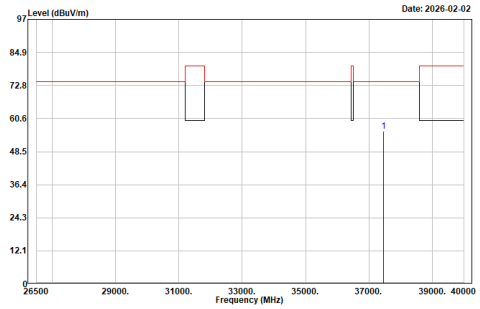
UNII-2A Band II

IEEE 802.11a Mode

5300 MHz Horizontal (18GHz-26.5GHz)	5300 MHz Vertical (18GHz-26.5GHz)
	
Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : A-TX-5300	Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : A-TX-5300
Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 24045.480 48.28 1.64 49.92 74.20 -24.28 Peak	Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 22007.470 50.14 0.60 50.74 74.20 -23.46 Peak
5300 MHz Horizontal (26.5GHz-40GHz)	5300 MHz Vertical (26.5GHz-40GHz)
	
Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : A-TX-5300	Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : A-TX-5300
Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 39149.050 49.29 7.37 56.66 80.00 -23.34 Peak 2 39149.050 37.10 7.37 44.47 60.00 -15.53 Average	Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 33100.600 46.46 9.33 55.79 74.20 -18.41 Peak

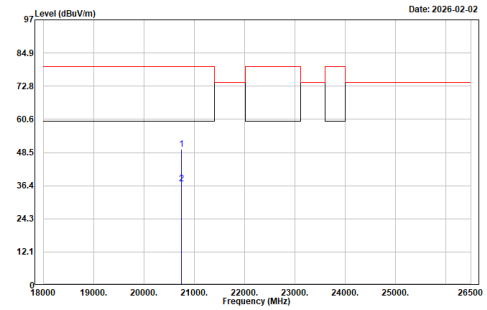
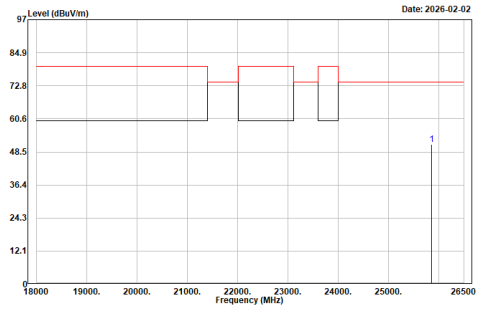
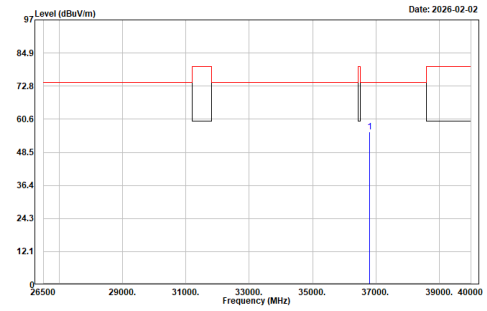
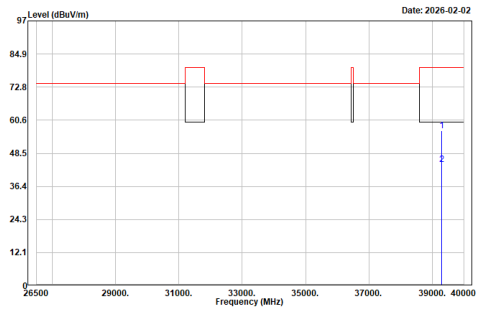
UNII-2C Band III

IEEE 802.11n 20 Mode

5500 MHz Horizontal (18GHz-26.5GHz)	5500 MHz Vertical (18GHz-26.5GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : N20-TX-5500 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 25812.070 46.45 4.08 50.53 74.20 -23.67 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : N20-TX-5500 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 22508.680 36.49 1.08 37.57 60.00 -22.43 Average 2 22508.680 49.23 1.08 50.31 80.00 -29.69 Peak
5500 MHz Horizontal (26.5GHz-40GHz)	5500 MHz Vertical (26.5GHz-40GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : N20-TX-5500 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 26878.000 46.24 8.47 54.71 74.20 -19.49 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : N20-TX-5500 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 37465.150 47.76 8.27 56.03 74.20 -18.17 Peak

UNII-3 Band IV

IEEE 802.11n 20 Mode

5785 MHz Horizontal (18GHz-26.5GHz)	5785 MHz Vertical (18GHz-26.5GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/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 20744.650 51.22 -1.42 49.80 80.00 -30.20 Peak 2 20744.650 38.45 -1.42 37.03 60.00 -22.97 Average	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/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 25862.500 46.98 4.18 51.16 74.20 -23.04 Peak
5785 MHz Horizontal (26.5GHz-40GHz)	5785 MHz Vertical (26.5GHz-40GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/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 36800.950 48.42 7.49 55.91 74.20 -18.29 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/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 39287.200 49.91 6.85 56.76 80.00 -23.24 Peak 2 39287.200 37.47 6.85 44.32 60.00 -15.68 Average

Note:

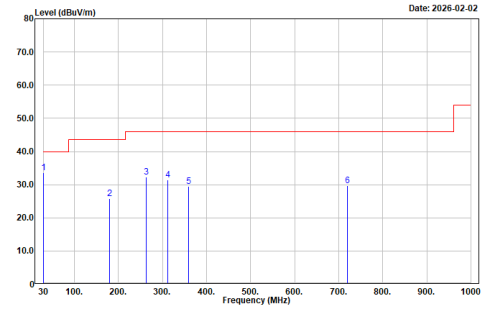
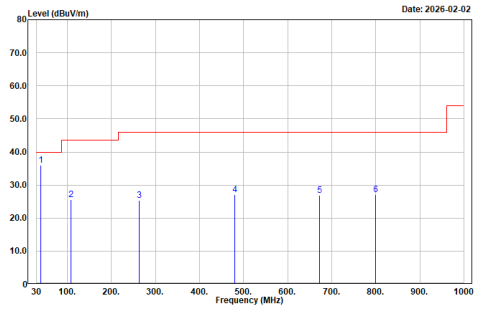
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

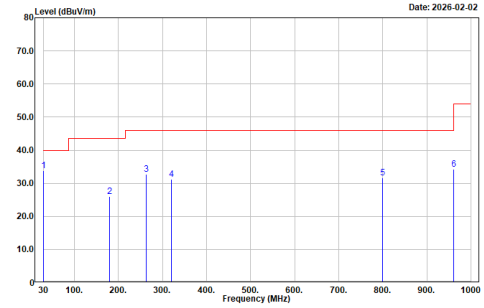
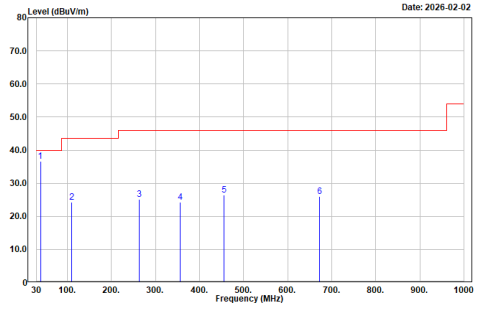
接收機其它不必要之訊號(1GHz 以下)

30MHz-1GHz

UNII-1 Band I Horizontal	UNII-1 Band I Vertical
	
Site : 966B Chamber Condition: 3m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-RX-5200	Site : 966B Chamber Condition: 3m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-RX-5200

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.162	36.50	-2.92	33.58	40.00	-6.42	QP
2	180.609	40.67	-14.93	25.74	43.50	-17.76	QP
3	263.996	45.57	-13.35	32.22	46.00	-13.78	QP
4	312.011	43.86	-12.41	31.45	46.00	-14.55	QP
5	359.994	40.91	-11.53	29.38	46.00	-16.62	QP
6	720.026	34.40	-4.59	29.81	46.00	-16.19	QP

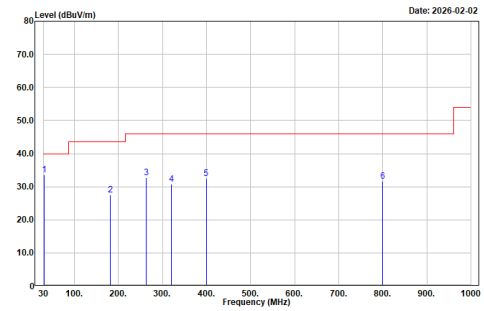
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39.797	46.11	-10.09	36.02	40.00	-3.98	QP
2	107.729	39.29	-13.73	25.56	43.50	-17.94	QP
3	263.996	38.73	-13.35	25.38	46.00	-20.62	QP
4	480.015	35.22	-8.06	27.16	46.00	-18.84	QP
5	672.011	32.50	-5.53	26.97	46.00	-19.03	QP
6	800.018	30.73	-3.71	27.02	46.00	-18.98	QP

UNII-2A Band II Horizontal	UNII-2A Band II Vertical
	
Site : 966B Chamber Condition: 3m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : A-RX-5300	Site : 966B Chamber Condition: 3m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : A-RX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.517	36.92	-3.10	33.82	40.00	-6.18	QP
2	180.576	40.84	-14.93	25.91	43.50	-17.59	QP
3	263.996	46.17	-13.35	32.82	46.00	-13.18	QP
4	319.998	43.37	-12.25	31.12	46.00	-14.88	QP
5	800.018	35.41	-3.71	31.70	46.00	-14.30	QP
6	960.036	36.06	-1.70	34.36	54.00	-19.64	QP

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39.150	46.13	-9.59	36.54	40.00	-3.46	QP
2	109.281	37.68	-13.37	24.31	43.50	-19.19	QP
3	263.996	38.45	-13.35	25.10	46.00	-20.90	QP
4	356.340	35.89	-11.68	24.21	46.00	-21.79	QP
5	456.024	35.28	-8.85	26.43	46.00	-19.57	QP
6	672.011	31.55	-5.53	26.02	46.00	-19.98	QP

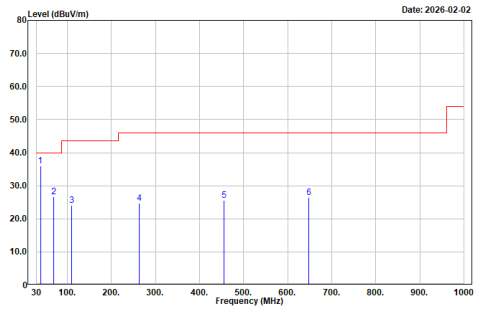
UNII-2C Band III Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-RX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	31.067	37.07	-3.36	33.71	40.00	-6.29	QP
2	181.611	42.60	-14.98	27.62	43.50	-15.88	QP
3	263.996	46.01	-13.35	32.66	46.00	-13.34	QP
4	319.998	43.09	-12.25	30.84	46.00	-15.16	QP
5	399.311	42.89	-10.41	32.48	46.00	-13.52	QP
6	800.018	35.41	-3.71	31.70	46.00	-14.30	QP

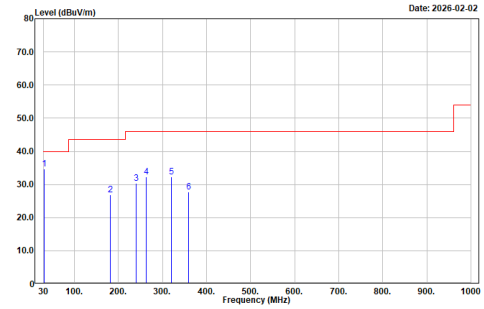
UNII-2C Band III Vertical



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-RX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39.183	45.52	-9.61	35.91	40.00	-4.09	QP
2	68.897	43.74	-17.01	26.73	40.00	-13.27	QP
3	110.090	37.05	-13.08	23.97	43.50	-19.53	QP
4	263.996	38.09	-13.35	24.74	46.00	-21.26	QP
5	455.992	34.46	-8.85	25.61	46.00	-20.39	QP
6	647.502	31.92	-5.57	26.35	46.00	-19.65	QP

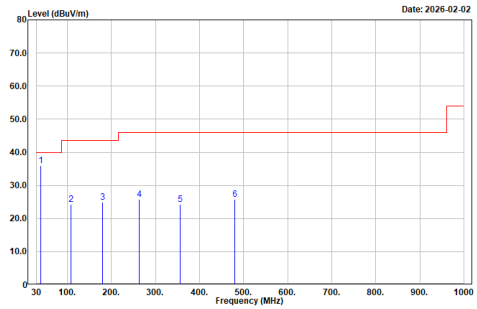
UNII-3 Band IV Horizontal



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/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	32.587	38.85	-4.27	34.58	40.00	-5.42	QP
2	181.611	41.84	-14.98	26.86	43.50	-16.64	QP
3	240.005	45.06	-14.71	30.35	46.00	-15.65	QP
4	263.996	45.63	-13.35	32.28	46.00	-13.72	QP
5	319.998	44.50	-12.25	32.25	46.00	-13.75	QP
6	359.994	39.31	-11.53	27.78	46.00	-18.22	QP

UNII-3 Band IV Vertical



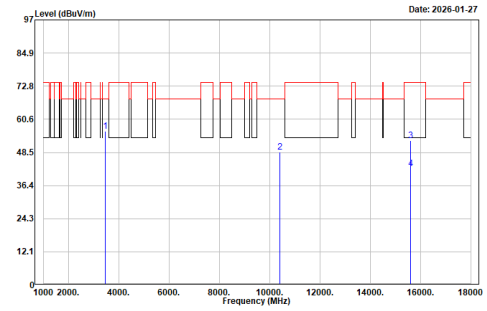
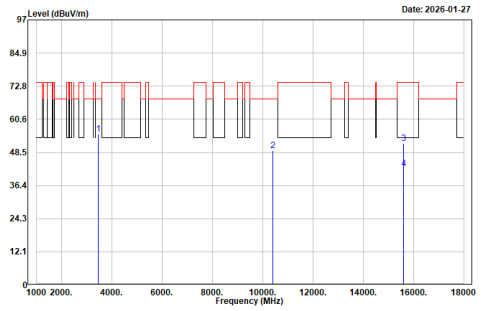
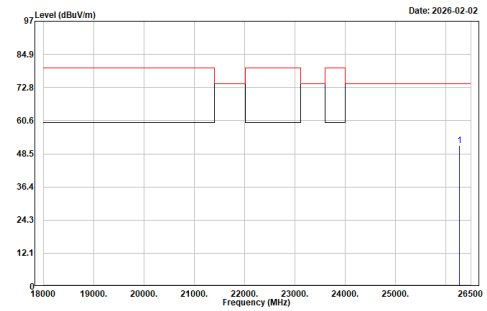
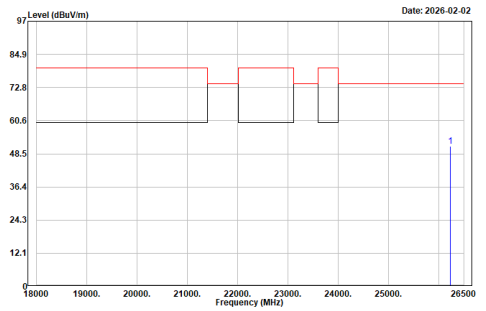
Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-RX-5785

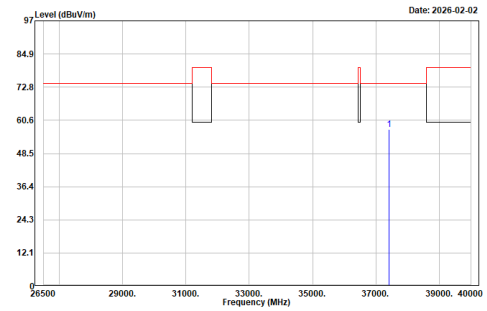
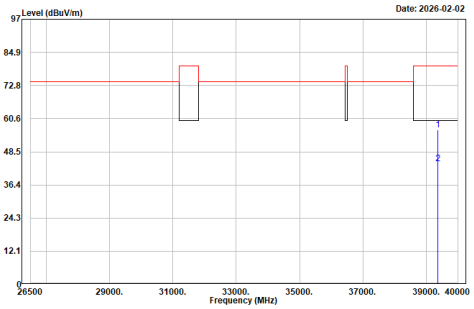
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39.474	45.88	-9.83	36.05	40.00	-3.95	QP
2	108.796	37.73	-13.53	24.20	43.50	-19.30	QP
3	180.770	39.91	-14.95	24.96	43.50	-18.54	QP
4	263.996	39.09	-13.35	25.74	46.00	-20.26	QP
5	356.340	35.96	-11.68	24.28	46.00	-21.72	QP
6	480.015	33.87	-8.06	25.81	46.00	-20.19	QP

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

接收機其它不必要之訊號 (1GHz 以上)

UNII-1 Band I

Horizontal (1GHz-18GHz)	Vertical (1GHz-18GHz)
 Site : 966B Chamber Condition: 3m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 20.0℃/57% Memo : AC20-RX-5200 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 3453.100 53.73 2.53 56.26 68.20 -11.94 Peak 2 10400.000 33.23 15.45 48.68 68.20 -19.52 Peak 3 15600.000 35.56 17.34 52.90 74.00 -21.10 Peak 4 15600.000 25.35 17.34 42.69 54.00 -11.31 Average	 Site : 966B Chamber Condition: 3m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 20.0℃/57% Memo : AC20-RX-5200 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 3453.100 52.63 2.53 55.16 68.20 -13.04 Peak 2 10400.000 33.82 15.45 49.27 68.20 -18.93 Peak 3 15600.000 34.38 17.34 51.72 74.00 -22.28 Peak 4 15600.000 25.17 17.34 42.51 54.00 -11.49 Average
Horizontal (18GHz – 26.5GHz)	Vertical (18GHz – 26.5GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-RX-5200 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 26270.220 46.33 5.18 51.51 74.20 -22.69 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-RX-5200 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 26223.750 46.20 5.04 51.24 74.20 -22.96 Peak

Horizontal (26.5GHz – 40GHz)	Vertical (26.5GHz – 40GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-RX-5200 Freq / Read Level / Factor / Limit Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 37417.450 49.12 8.24 57.36 74.20 -16.84 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : AC20-RX-5200 Freq / Read Level / Factor / Level / Limit Line / Over Limit / Remark MHz / dBuV / dB/m / dBuV/m / dBuV/m / dB 1 39360.100 50.02 6.52 56.54 80.00 -23.46 Peak 2 39360.100 37.72 6.52 44.24 60.00 -15.76 Average

Note:

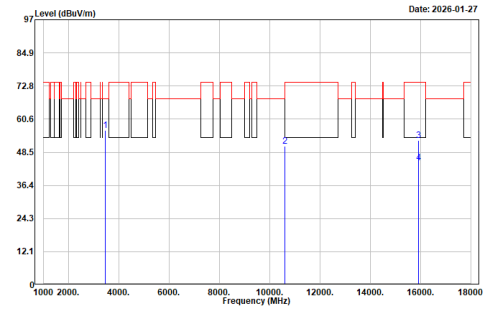
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-2A Band II

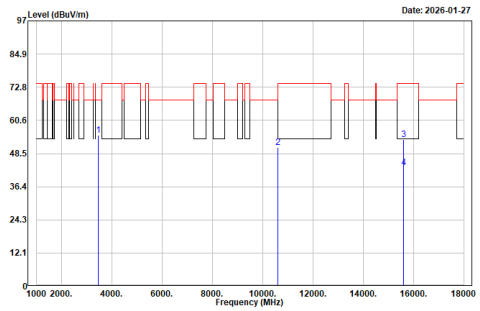
Horizontal (1GHz-18GHz)




```
Site     : 966B Chamber
Condition: 3m horizontal
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/57%
Memo     : A-RX-5300
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	53.95	2.53	56.48	68.20	-11.72	Peak
2	10600.000	34.84	15.99	50.83	68.20	-17.37	Peak
3	15900.000	34.54	18.25	52.79	74.00	-21.21	Peak
4	15900.000	26.39	18.25	44.64	54.00	-9.36	Average

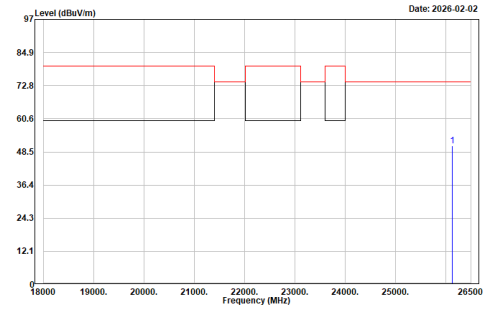
Vertical (1GHz-18GHz)




```
Site     : 966B Chamber
Condition: 3m vertical
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 20.0℃/57%
Memo     : A-RX-5300
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	52.77	2.53	55.30	68.20	-12.90	Peak
2	10600.000	34.71	15.99	50.70	68.20	-17.50	Peak
3	15600.000	36.32	17.34	53.66	74.00	-20.34	Peak
4	15600.000	25.91	17.34	43.25	54.00	-10.75	Average

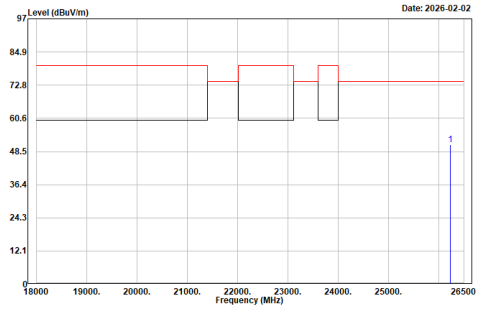
Horizontal (18GHz – 26.5GHz)




```
Site     : 966B Chamber
Condition: 1.5m horizontal
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 17.9℃/59%
Memo     : A-RX-5300
```

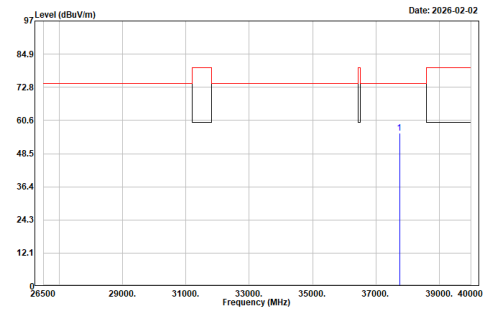
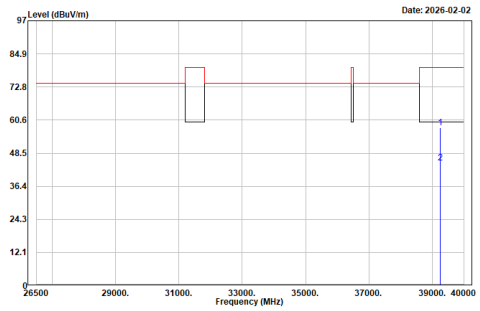
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26134.220	45.95	4.78	50.73	74.20	-23.47	Peak

Vertical (18GHz – 26.5GHz)




```
Site     : 966B Chamber
Condition: 1.5m vertical
Job No   : RLK260119060
Model    : RRQ61051-010
Power    : From Test Development Board
Tester   : Derek
Temp./ Hum.: 17.9℃/59%
Memo     : A-RX-5300
```

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	26222.900	46.00	5.04	51.04	74.20	-23.16	Peak

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

Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : A-RX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	37741.450	48.21	7.78	55.99	74.20	-18.21	Peak

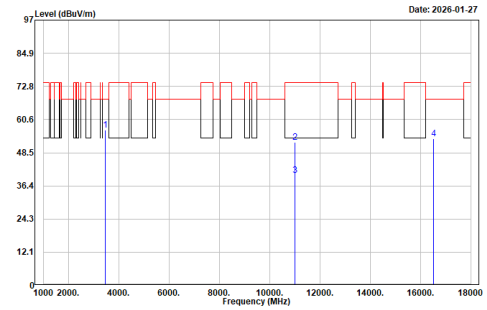
Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : A-RX-5300

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	39255.250	50.82	7.00	57.82	80.00	-22.18	Peak
2	39255.250	38.03	7.00	45.03	60.00	-14.97	Average

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

UNII-2C Band III

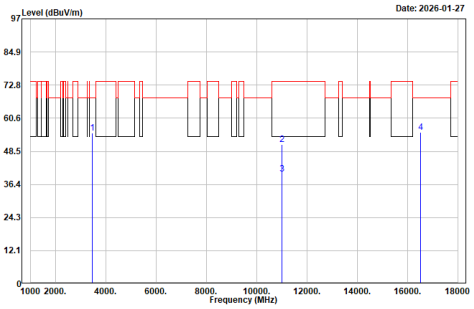
Horizontal (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : N20-RX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	54.25	2.53	56.78	68.20	-11.42	Peak
2	11000.000	36.11	16.22	52.33	74.00	-21.67	Peak
3	11000.000	24.02	16.22	40.24	54.00	-13.76	Average
4	16500.000	34.18	19.38	53.56	68.20	-14.64	Peak

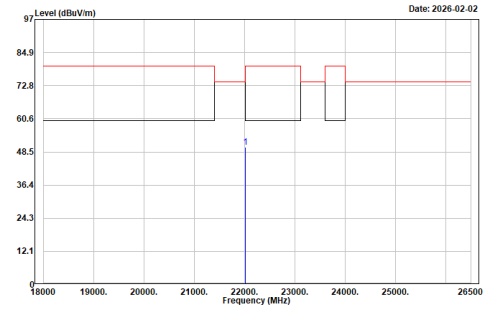
Vertical (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
Memo : N20-RX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	3453.100	52.70	2.53	55.23	68.20	-12.97	Peak
2	11000.000	34.80	16.22	51.02	74.00	-22.98	Peak
3	11000.000	23.94	16.22	40.16	54.00	-13.84	Average
4	16500.000	36.15	19.38	55.53	68.20	-12.67	Peak

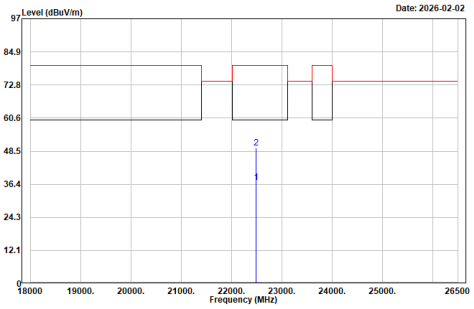
Horizontal (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-RX-5500

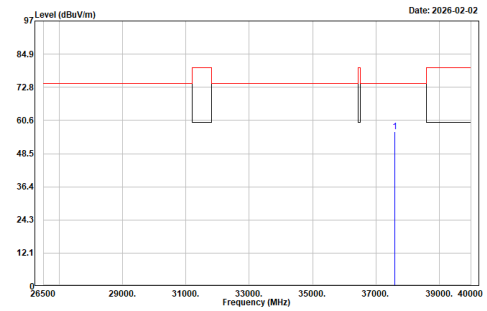
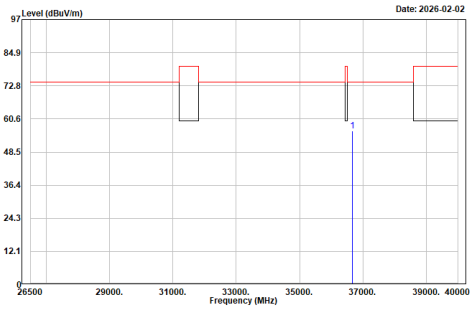
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22008.030	49.60	0.60	50.20	74.20	-24.00	Peak

Vertical (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-RX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	22488.280	36.10	1.09	37.19	60.00	-22.81	Average
2	22488.280	48.64	1.09	49.73	80.00	-30.27	Peak

Horizontal (26.5GHz – 40GHz)	Vertical (26.5GHz – 40GHz)
 Site : 966B Chamber Condition: 1.5m horizontal Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : N20-RX-5500 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 37600.150 48.45 8.09 56.54 74.20 -17.66 Peak	 Site : 966B Chamber Condition: 1.5m vertical Job No : RLK260119060 Model : RRQ61051-010 Power : From Test Development Board Tester : Derek Temp./ Hum.: 17.9℃/59% Memo : N20-RX-5500 Freq Read Level Factor Level Limit Line Over Limit Remark MHz dBuV dB/m dBuV/m dBuV/m dB 1 36659.200 48.88 7.36 56.24 74.20 -17.96 Peak

Note:

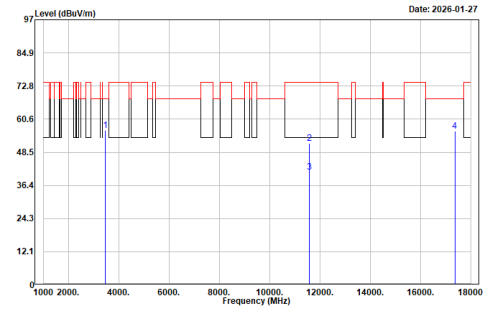
Level = Read Level + Factor

Over Limit = Level – Limit Line

Factor = Antenna Factor + Cable Loss – Amplifier Gain

UNII-3 Band IV

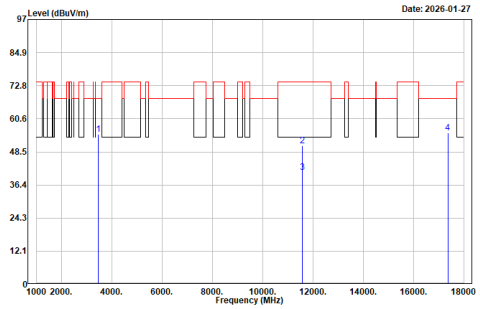
Horizontal (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	53.87	2.53	56.40	68.20	-11.80	Peak
2	11570.000	34.40	17.32	51.72	74.00	-22.28	Peak
3	11570.000	23.91	17.32	41.23	54.00	-12.77	Average
4	17355.000	35.05	21.32	56.37	68.20	-11.83	Peak

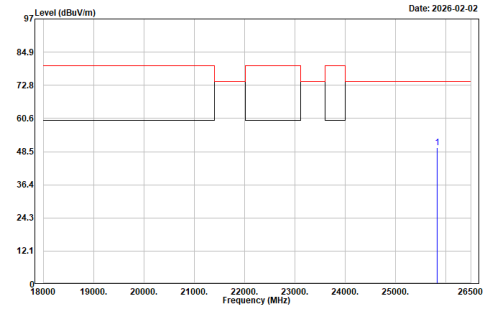
Vertical (1GHz-18GHz)



Site : 966B Chamber
Condition: 3m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 20.0℃/57%
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	52.31	2.53	54.84	68.20	-13.36	Peak
2	11570.000	33.50	17.32	50.82	74.00	-23.18	Peak
3	11570.000	23.70	17.32	41.02	54.00	-12.98	Average
4	17355.000	34.10	21.32	55.42	68.20	-12.78	Peak

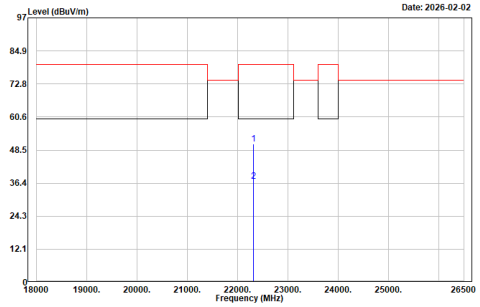
Horizontal (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/59%
Memo : N20-RX-5785

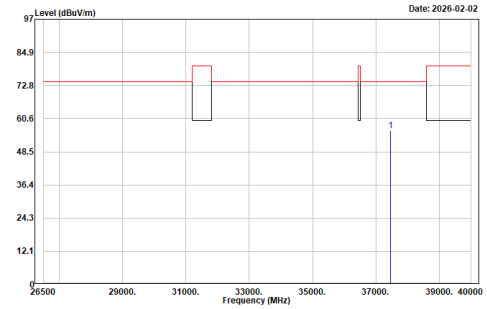
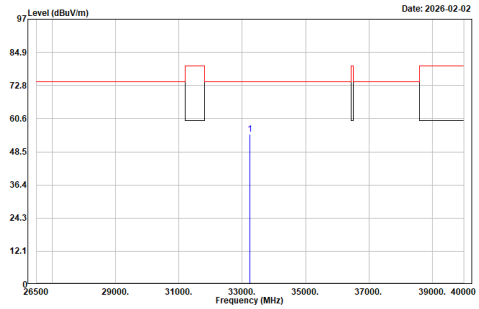
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	25829.350	45.94	4.11	50.05	74.20	-24.15	Peak

Vertical (18GHz – 26.5GHz)



Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/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	22316.870	49.63	0.98	50.61	80.00	-29.39	Peak
2	22316.870	36.05	0.98	37.03	60.00	-22.97	Average

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

Site : 966B Chamber
Condition: 1.5m horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/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	37458.400	48.02	8.28	56.30	74.20	-17.90	Peak

Site : 966B Chamber
Condition: 1.5m vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.9℃/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	33244.600	45.80	9.23	55.03	74.20	-19.17	Peak

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

6. 開放頻帶邊緣之限制

6.1 適用標準

依據低功率射頻器材技術規範:

不必要發射頻率屬3.5規定頻段者，應符合3.6之規定。

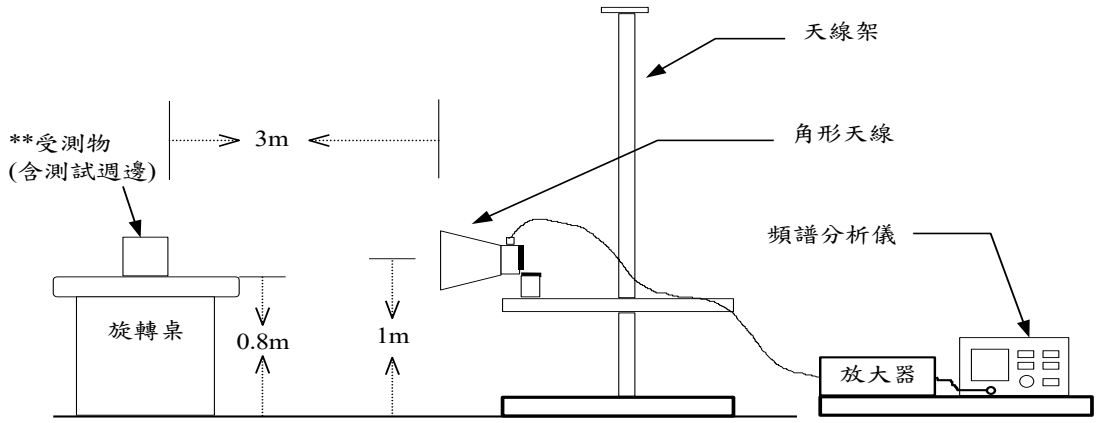
6.2 測試方法

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

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

以上述相同的步驟決定由跳頻功能所產生的任何混附波是否亦符合規定之限制值。

6.3 測試配置



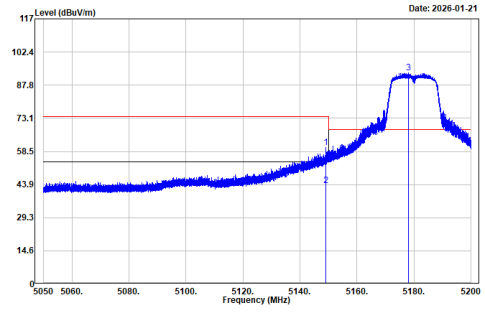
6.4 開放頻帶邊緣之量測結果

請參考附圖

判定結果: 符合規範

IEEE 802.11a Mode

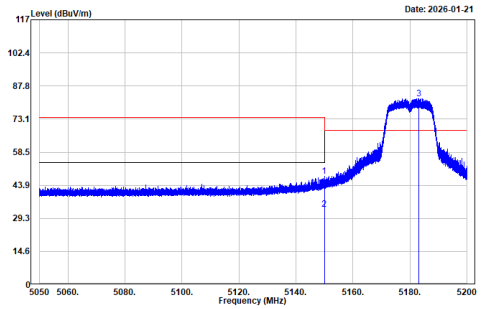
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5148.990	56.45	3.78	60.23	74.00	-13.77	Peak
2	5148.990	39.59	3.78	43.37	54.00	-10.63	Average
3	5178.175	89.27	3.80	93.07	------	------	Peak

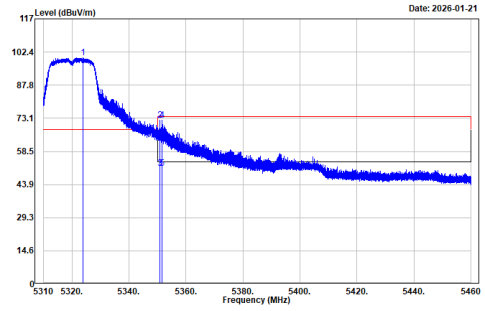
5180 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.960	44.21	3.78	47.99	74.00	-26.01	Peak
2	5149.960	29.58	3.78	33.36	54.00	-20.64	Average
3	5183.180	78.47	3.80	82.27	------	------	Peak

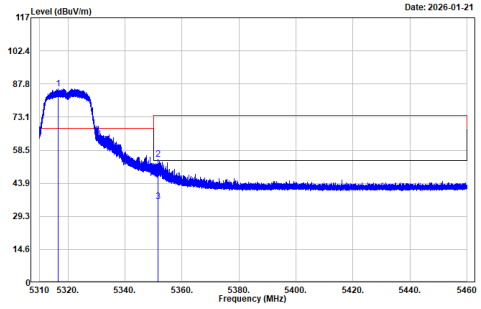
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5323.810	95.87	4.07	99.94	------	------	Peak
2 !	5350.860	68.20	4.19	72.39	74.00	-1.61	Peak
3 !	5350.860	46.89	4.19	51.08	54.00	-2.92	Average
4 !	5351.565	68.21	4.20	72.41	74.00	-1.59	Peak
5 !	5351.565	47.00	4.20	51.20	54.00	-2.80	Average

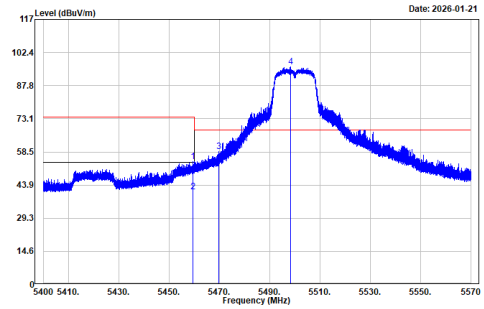
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5316.550	81.60	4.04	85.64	------	------	Peak
2	5351.705	50.36	4.20	54.56	74.00	-19.44	Peak
3	5351.705	31.73	4.20	35.93	54.00	-18.07	Average

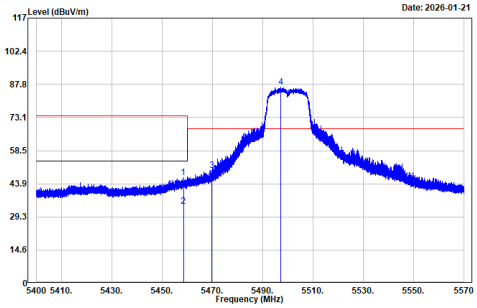
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.387	49.65	4.62	54.27	74.00	-19.73	Peak
2	5459.387	36.18	4.62	40.80	54.00	-13.20	Average
3	5469.604	54.04	4.70	58.74	68.20	-9.46	Peak
4	5498.169	90.99	4.95	95.94	------	------	Peak

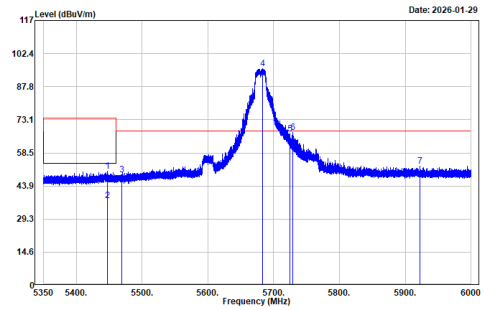
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5458.440	41.92	4.61	46.53	74.00	-27.47	Peak
2	5458.440	29.36	4.61	33.97	54.00	-20.03	Average
3	5469.677	45.11	4.70	49.81	68.20	-18.39	Peak
4	5497.257	81.54	4.94	86.48	------	------	Peak

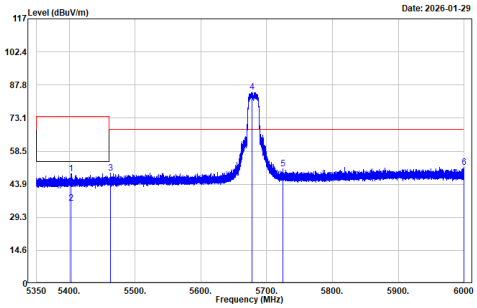
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : A-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5447.088	45.85	4.52	50.37	74.00	-23.63	Peak
2	5447.088	32.81	4.52	37.33	54.00	-16.67	Average
3	5469.124	44.23	4.69	48.92	68.20	-19.28	Peak
4	5682.952	90.67	5.15	95.82	------	------	Peak
5 !	5725.007	61.50	5.31	66.81	68.20	-1.39	Peak
6 !	5729.015	62.14	5.33	67.47	68.20	-0.73	Peak
7	5922.758	46.33	6.33	52.66	68.20	-15.54	Peak

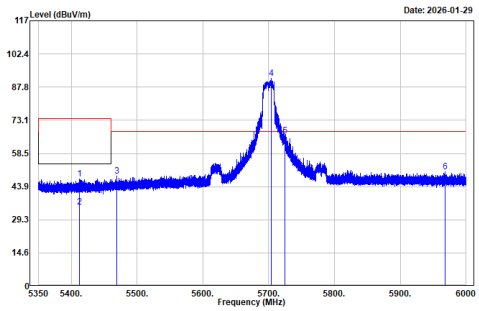
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : A-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5403.062	44.24	4.42	48.66	74.00	-25.34	Peak
2	5403.062	30.95	4.42	35.37	54.00	-18.63	Average
3	5462.342	44.06	4.64	48.70	68.20	-19.50	Peak
4	5677.275	79.67	5.13	84.80	------	------	Peak
5	5725.000	45.35	5.31	50.66	68.20	-17.54	Peak
6	5999.437	44.85	6.60	51.45	68.20	-16.75	Peak

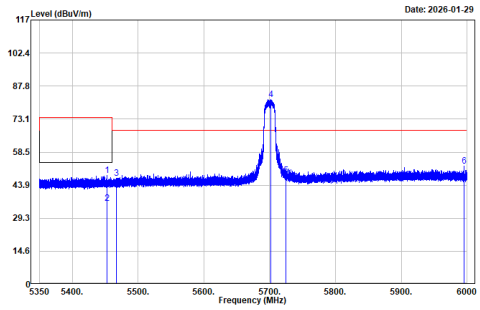
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : A-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5412.292	42.94	4.43	47.37	74.00	-26.63	Peak
2	5412.292	30.52	4.43	34.95	54.00	-19.05	Average
3	5468.885	43.84	4.69	48.53	68.20	-19.67	Peak
4	5704.336	86.45	5.22	91.67	------	------	Peak
5 !	5725.000	60.98	5.31	66.29	68.20	-1.91	Peak
6	5968.757	44.03	6.52	50.55	68.20	-17.65	Peak

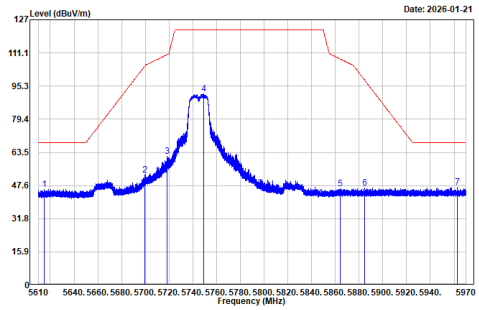
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : A-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5453.285	43.75	4.56	48.31	74.00	-25.69	Peak
2	5453.285	31.15	4.56	35.71	54.00	-18.29	Average
3	5466.935	42.34	4.68	47.02	68.20	-21.18	Peak
4	5702.192	76.68	5.21	81.89	------	------	Peak
5	5725.000	42.98	5.31	48.29	68.20	-19.91	Peak
6	5995.190	45.68	6.59	52.27	68.20	-15.93	Peak

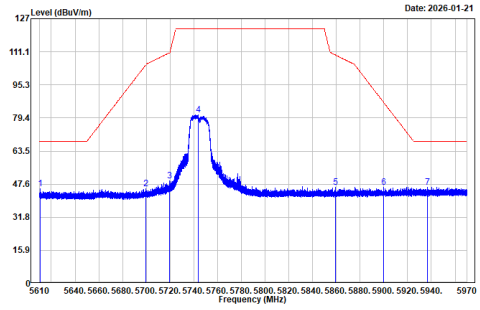
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5614.908	40.79	5.11	45.90	68.20	-22.30	Peak
2	5699.484	47.44	5.19	52.63	104.82	-52.19	Peak
3	5718.240	56.22	5.28	61.50	110.31	-48.81	Peak
4	5749.296	86.00	5.43	91.43	122.20	-30.77	Peak
5	5864.004	40.28	5.99	46.27	108.28	-62.01	Peak
6	5884.872	40.45	6.13	46.58	97.87	-51.29	Peak
7	5962.740	40.18	6.50	46.68	68.20	-21.52	Peak

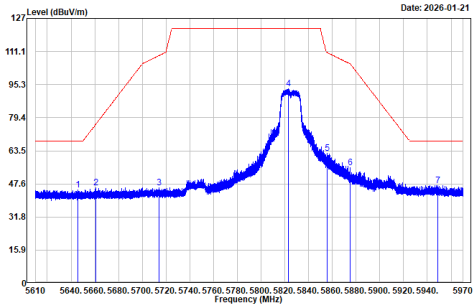
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5745

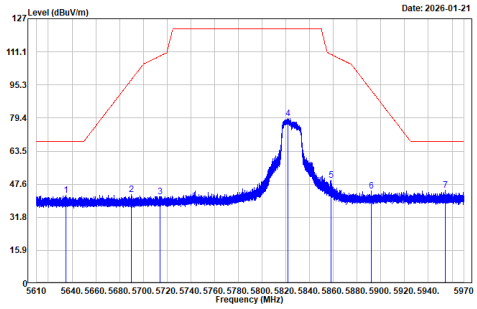
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5610.756	40.18	5.12	45.30	68.20	-22.90	Peak
2	5699.460	40.32	5.19	45.51	104.80	-59.29	Peak
3	5719.344	44.06	5.29	49.35	110.62	-61.27	Peak
4	5743.740	75.63	5.40	81.03	122.20	-41.17	Peak
5	5859.432	40.05	5.97	46.02	109.56	-63.54	Peak
6	5899.776	39.76	6.23	45.99	86.83	-40.84	Peak
7	5936.400	39.86	6.40	46.26	68.20	-21.94	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5645.892	39.84	5.07	44.91	68.20	-23.29	Peak
2	5661.060	40.81	5.09	45.90	76.41	-30.51	Peak
3	5714.340	40.40	5.26	45.66	109.22	-63.56	Peak
4	5823.216	87.34	5.77	93.11	122.20	-29.09	Peak
5	5855.712	56.48	5.94	62.42	110.60	-48.18	Peak
6	5875.032	49.49	6.06	55.55	105.18	-49.63	Peak
7	5948.916	40.39	6.46	46.85	68.20	-21.35	Peak



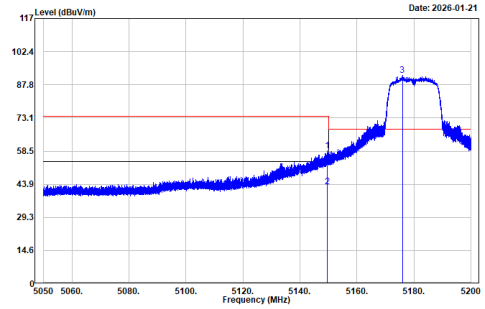
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : A-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5634.588	37.13	5.08	42.21	68.20	-25.99	Peak
2	5690.160	37.47	5.17	42.64	97.94	-55.30	Peak
3	5714.124	36.47	5.26	41.73	109.16	-67.43	Peak
4	5821.668	73.42	5.77	79.19	122.20	-43.01	Peak
5	5858.136	43.60	5.96	49.56	109.92	-60.36	Peak
6	5892.084	38.39	6.17	44.56	92.52	-47.96	Peak
7	5954.100	38.27	6.48	44.75	68.20	-23.45	Peak

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

IEEE 802.11 n20 Mode

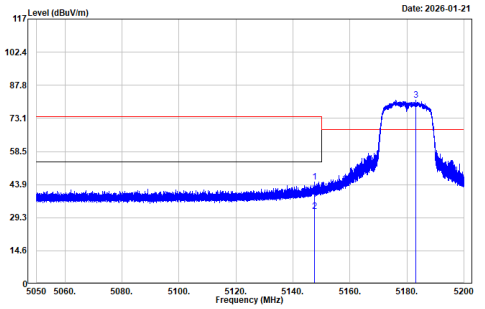
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.485	54.72	3.78	58.50	74.00	-15.50	Peak
2	5149.485	39.07	3.78	42.85	54.00	-11.15	Average
3	5175.910	88.09	3.79	91.88	------	------	Peak

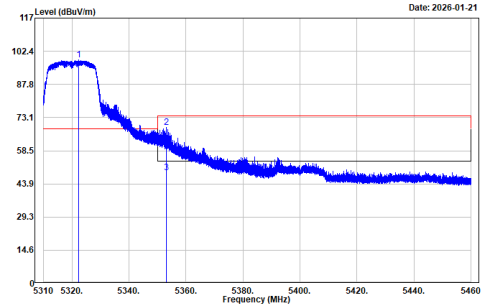
5180 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5147.485	41.22	3.77	44.99	74.00	-29.01	Peak
2	5147.485	28.22	3.77	31.99	54.00	-22.01	Average
3	5182.980	77.31	3.80	81.11	------	------	Peak

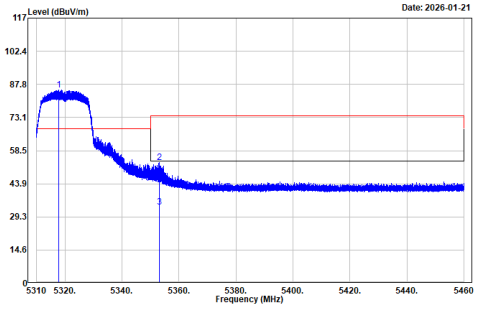
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5322.395	94.67	4.06	98.73	------	------	Peak
2	5353.010	64.72	4.20	68.92	74.00	-5.08	Peak
3	5353.010	44.63	4.20	48.83	54.00	-5.17	Average

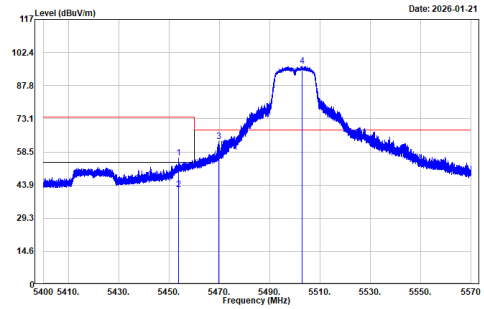
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5317.880	81.19	4.04	85.23	------	------	Peak
2	5353.130	48.94	4.20	53.14	74.00	-20.86	Peak
3	5353.130	29.55	4.20	33.75	54.00	-20.25	Average

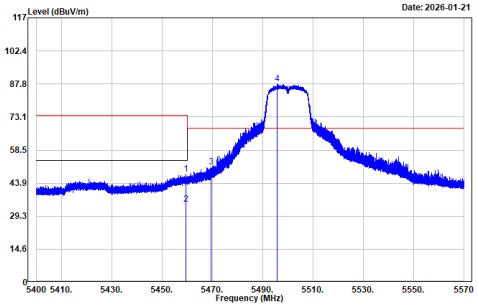
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5453.777	51.35	4.57	55.92	74.00	-18.08	Peak
2	5453.777	37.13	4.57	41.70	54.00	-12.30	Average
3	5469.762	58.46	4.70	63.16	68.20	-5.04	Peak
4	5502.980	91.30	4.96	96.26	------	------	Peak

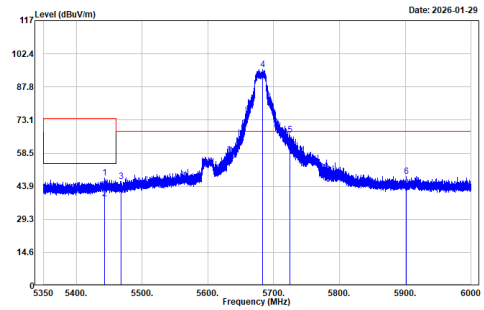
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.415	43.23	4.62	47.85	74.00	-26.15	Peak
2	5459.415	30.10	4.62	34.72	54.00	-19.28	Average
3	5469.366	46.48	4.69	51.17	68.20	-17.03	Peak
4	5495.818	82.78	4.93	87.71	------	------	Peak

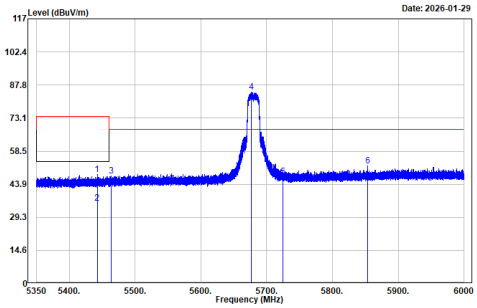
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : N20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5442.495	43.12	4.51	47.63	74.00	-26.37	Peak
2	5442.495	33.74	4.51	38.25	54.00	-15.75	Average
3	5468.062	41.45	4.68	46.13	68.20	-22.07	Peak
4	5683.558	90.34	5.15	95.49	------	------	Peak
5	5725.007	61.31	5.31	66.62	68.20	-1.58	Peak
6	5902.088	42.11	6.24	48.35	68.20	-19.85	Peak

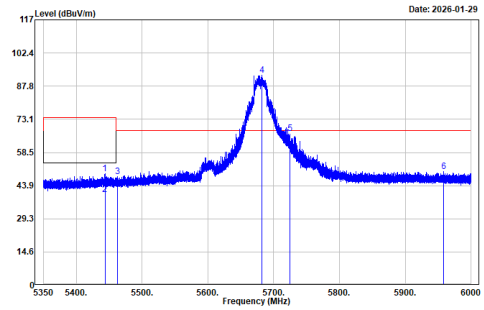
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : N20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5442.408	43.84	4.51	48.35	74.00	-25.65	Peak
2	5442.408	30.86	4.51	35.37	54.00	-18.63	Average
3	5463.750	42.78	4.65	47.43	68.20	-20.77	Peak
4	5677.058	79.42	5.13	84.55	------	------	Peak
5	5725.000	41.99	5.31	47.30	68.20	-20.90	Peak
6	5853.338	45.96	5.92	51.88	68.20	-16.32	Peak

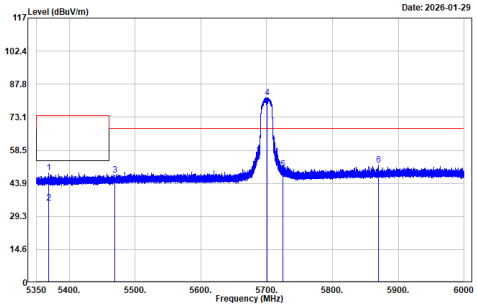
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : N20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.513	44.57	4.52	49.09	74.00	-24.91	Peak
2	5443.513	35.36	4.52	39.88	54.00	-14.12	Average
3	5462.190	43.26	4.64	47.90	68.20	-20.30	Peak
4	5682.237	87.48	5.14	92.62	------	------	Peak
5	5725.000	61.51	5.31	66.82	68.20	-1.38	Peak
6	5958.205	43.58	6.49	50.07	68.20	-18.13	Peak

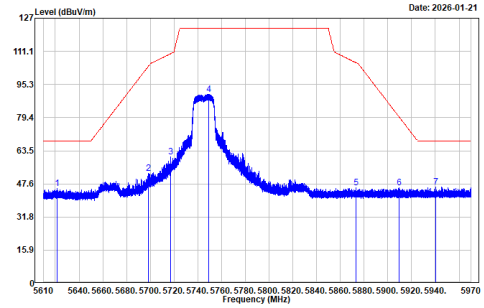
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : N20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5368.200	44.17	4.27	48.44	74.00	-25.56	Peak
2	5368.200	31.03	4.27	35.30	54.00	-18.70	Average
3	5468.690	42.88	4.69	47.57	68.20	-20.63	Peak
4	5701.152	76.67	5.19	81.86	------	------	Peak
5	5725.000	44.71	5.31	50.02	68.20	-18.18	Peak
6	5869.914	45.89	6.04	51.93	68.20	-16.27	Peak

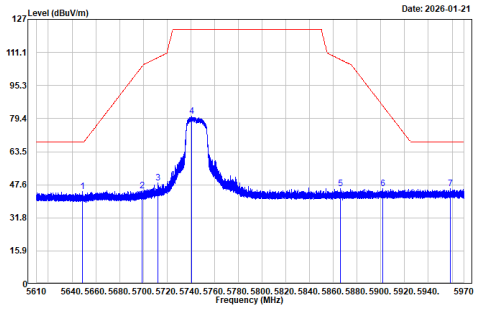
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5621.328	40.30	5.11	45.41	68.20	-22.79	Peak
2	5698.164	47.41	5.19	52.60	103.85	-51.25	Peak
3	5717.052	55.36	5.28	60.64	109.98	-49.34	Peak
4	5749.128	85.04	5.43	90.47	122.20	-31.73	Peak
5	5873.340	39.58	6.06	45.64	105.66	-60.02	Peak
6	5909.268	39.52	6.27	45.79	79.81	-34.02	Peak
7	5940.168	39.66	6.42	46.08	68.20	-22.12	Peak

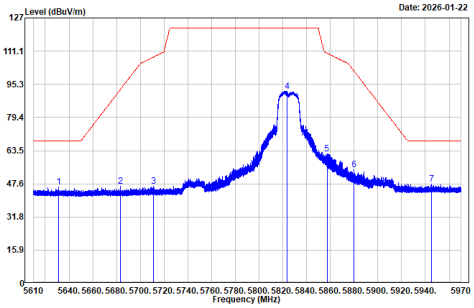
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : N20-TX-5745

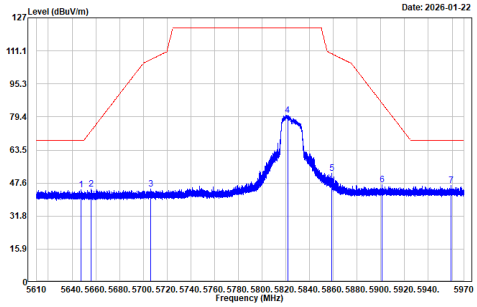
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5649.048	39.35	5.06	44.41	68.20	-23.79	Peak
2	5698.800	39.40	5.19	44.59	104.32	-59.73	Peak
3	5712.324	43.43	5.25	48.68	108.65	-59.97	Peak
4	5740.848	75.18	5.38	80.56	122.20	-41.64	Peak
5	5866.080	39.89	6.01	45.90	107.70	-61.80	Peak
6	5901.612	39.40	6.24	45.64	85.47	-39.83	Peak
7	5958.444	39.24	6.49	45.73	68.20	-22.47	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5631.276	41.01	5.08	46.09	68.20	-22.11	Peak
2	5683.236	41.41	5.15	46.56	92.83	-46.27	Peak
3	5710.812	41.33	5.24	46.57	108.23	-61.66	Peak
4	5823.312	86.17	5.77	91.94	122.20	-30.26	Peak
5	5857.164	55.96	5.95	61.91	110.19	-48.28	Peak
6	5879.916	48.15	6.09	54.24	101.55	-47.31	Peak
7	5945.136	41.00	6.44	47.44	68.20	-20.76	Peak



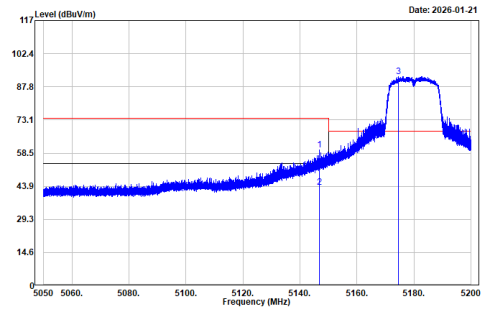
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : N20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5647.332	39.16	5.07	44.23	68.20	-23.97	Peak
2	5656.284	39.53	5.07	44.60	72.87	-28.27	Peak
3	5706.288	39.59	5.23	44.82	106.96	-62.14	Peak
4	5821.476	74.57	5.77	80.34	122.20	-41.86	Peak
5	5858.688	46.39	5.96	52.35	109.77	-57.42	Peak
6	5901.084	40.66	6.23	46.89	85.86	-38.97	Peak
7	5958.828	39.91	6.49	46.40	68.20	-21.80	Peak

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

IEEE 802.11 ac20 Mode

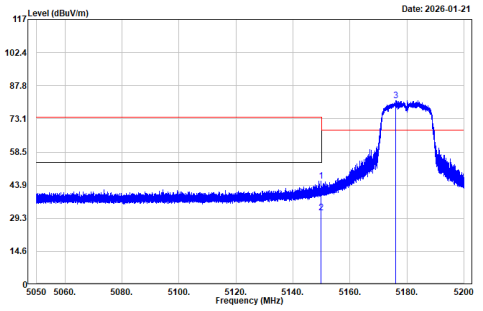
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AC20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5146.830	56.06	3.77	59.83	74.00	-14.17	Peak
2	5146.830	39.72	3.77	43.49	54.00	-10.51	Average
3	5174.580	88.62	3.79	92.41	------	------	Peak

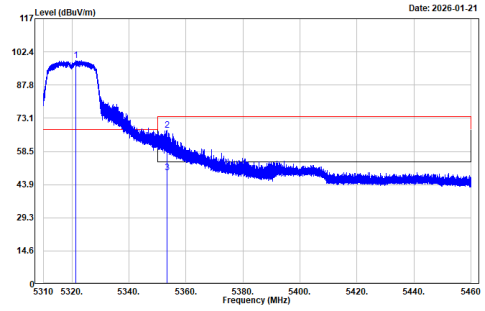
5180 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AC20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.930	41.85	3.78	45.63	74.00	-28.37	Peak
2	5149.930	28.06	3.78	31.84	54.00	-22.16	Average
3	5176.140	77.52	3.80	81.32	------	------	Peak

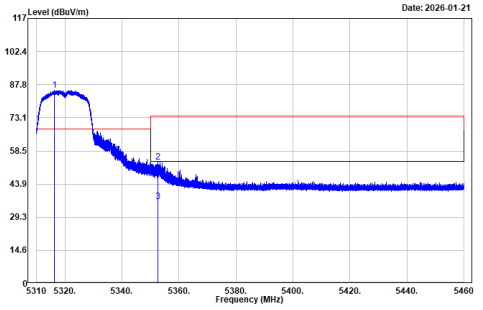
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AC20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5321.415	94.54	4.06	98.60	------	------	Peak
2	5353.305	63.57	4.20	67.77	74.00	-6.23	Peak
3	5353.305	44.81	4.20	49.01	54.00	-4.99	Average

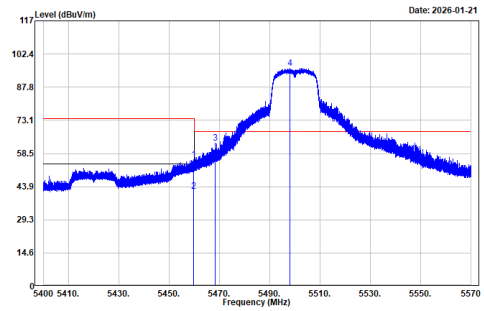
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AC20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5316.295	81.37	4.04	85.41	------	------	Peak
2	5352.650	49.51	4.20	53.71	74.00	-20.29	Peak
3	5352.650	32.08	4.20	36.28	54.00	-17.72	Average

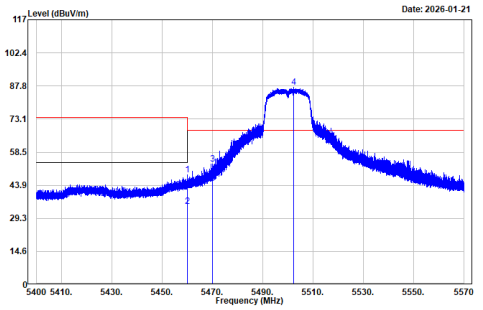
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AC20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.727	51.11	4.62	55.73	74.00	-18.27	Peak
2	5459.727	37.22	4.62	41.84	54.00	-12.16	Average
3	5468.204	58.53	4.69	63.22	68.20	-4.98	Peak
4	5498.039	91.28	4.94	96.22	------	------	Peak

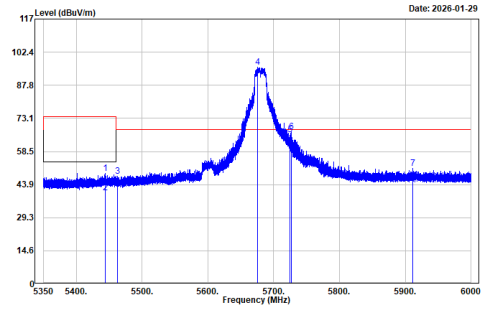
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AC20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.981	43.81	4.62	48.43	74.00	-25.57	Peak
2	5459.981	29.97	4.62	34.59	54.00	-19.41	Average
3	5469.972	48.72	4.70	53.42	68.20	-14.78	Peak
4	5502.283	82.12	4.96	87.08	------	------	Peak

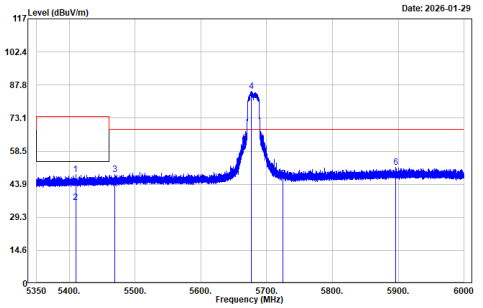
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AC20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5444.077	44.29	4.52	48.81	74.00	-25.19	Peak
2	5444.077	35.61	4.52	40.13	54.00	-13.87	Average
3	5462.775	42.95	4.64	47.59	68.20	-20.61	Peak
4	5676.019	90.58	5.13	95.71	------	------	Peak
5 !	5725.000	60.49	5.31	65.80	68.20	-2.40	Peak
6 !	5727.260	61.92	5.32	67.24	68.20	-0.96	Peak
7	5911.405	44.65	6.29	50.94	68.20	-17.26	Peak

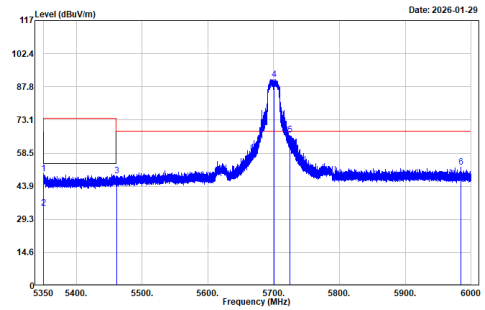
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AC20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5409.626	43.78	4.43	48.21	74.00	-25.79	Peak
2	5409.626	31.24	4.43	35.67	54.00	-18.33	Average
3	5469.102	43.42	4.69	48.11	68.20	-20.09	Peak
4	5677.058	79.86	5.13	84.99	------	------	Peak
5	5725.000	40.99	5.31	46.30	68.20	-21.90	Peak
6	5895.783	45.25	6.19	51.44	68.20	-16.76	Peak

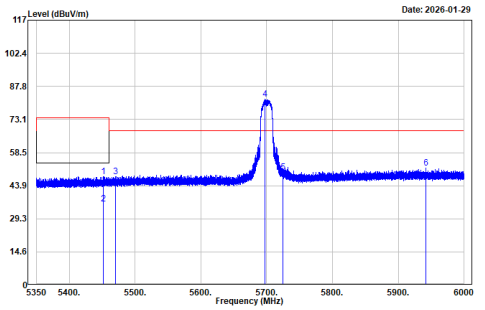
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AC20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5350.347	45.16	4.19	49.35	74.00	-24.65	Peak
2	5350.347	29.95	4.19	34.14	54.00	-19.86	Average
3	5461.432	43.94	4.63	48.57	68.20	-19.63	Peak
4	5701.043	85.93	5.19	91.12	------	------	Peak
5 !	5725.000	61.31	5.31	66.62	68.20	-1.58	Peak
6	5984.422	45.62	6.56	52.18	68.20	-16.02	Peak

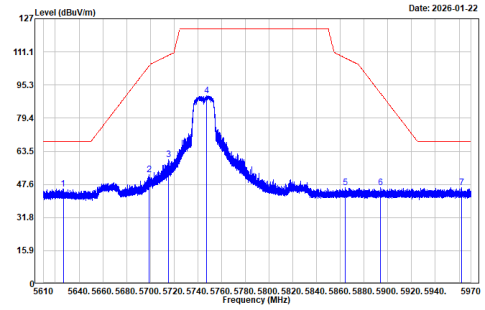
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AC20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5451.963	43.41	4.55	47.96	74.00	-26.04	Peak
2	5451.963	31.15	4.55	35.70	54.00	-18.30	Average
3	5469.751	43.13	4.70	47.83	68.20	-20.37	Peak
4	5697.642	76.99	5.19	82.18	------	------	Peak
5	5725.000	44.50	5.31	49.81	68.20	-18.39	Peak
6	5941.847	45.33	6.43	51.76	68.20	-16.44	Peak

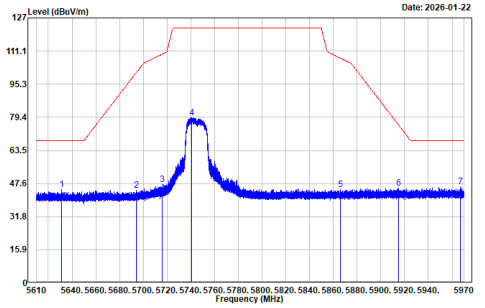
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5626.692	40.47	5.09	45.56	68.20	-22.64	Peak
2	5699.016	47.04	5.19	52.23	104.48	-52.25	Peak
3	5715.456	54.31	5.27	59.58	109.53	-49.95	Peak
4	5747.244	84.75	5.42	90.17	122.20	-32.03	Peak
5	5864.220	40.11	6.00	46.11	108.22	-62.11	Peak
6	5893.968	39.97	6.18	46.15	91.13	-44.98	Peak
7	5962.092	39.59	6.49	46.08	68.20	-22.12	Peak

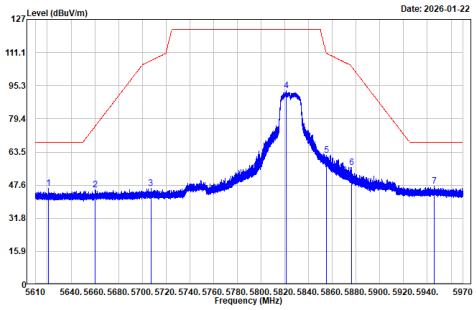
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5745

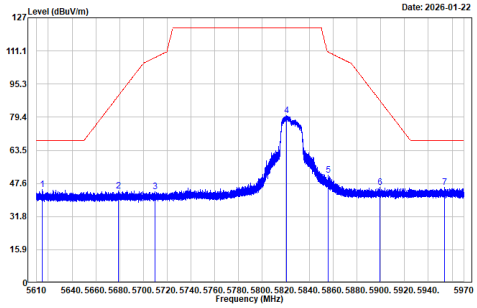
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5630.976	39.57	5.08	44.65	68.20	-23.55	Peak
2	5694.084	39.28	5.18	44.46	100.84	-56.38	Peak
3	5715.636	41.98	5.27	47.25	109.58	-62.33	Peak
4	5740.824	73.76	5.38	79.14	122.20	-43.06	Peak
5	5865.636	38.73	6.00	44.73	107.82	-63.09	Peak
6	5914.920	39.12	6.30	45.42	75.63	-30.21	Peak
7	5967.060	39.52	6.51	46.03	68.20	-22.17	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5620.896	40.85	5.11	45.96	68.20	-22.24	Peak
2	5660.364	40.49	5.09	45.58	75.90	-30.32	Peak
3	5707.152	40.82	5.23	46.05	107.20	-61.15	Peak
4	5821.440	87.09	5.77	92.86	122.20	-29.34	Peak
5	5855.208	55.89	5.94	61.83	110.74	-48.91	Peak
6	5876.232	50.20	6.07	56.27	104.28	-48.01	Peak
7	5945.580	40.76	6.44	47.20	68.20	-21.00	Peak



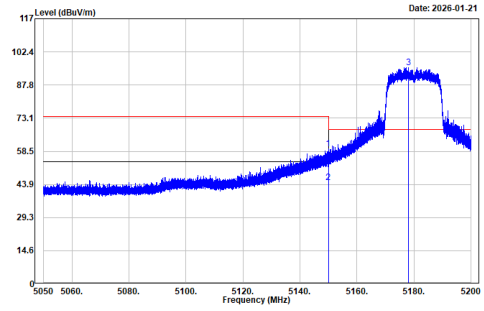
Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AC20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5615.124	39.55	5.11	44.66	68.20	-23.54	Peak
2	5679.072	39.06	5.14	44.20	89.75	-45.55	Peak
3	5709.828	38.53	5.24	43.77	107.95	-64.18	Peak
4	5820.780	74.31	5.76	80.07	122.20	-42.13	Peak
5	5855.832	45.62	5.94	51.56	110.57	-59.01	Peak
6	5899.080	39.59	6.22	45.81	87.34	-41.53	Peak
7	5953.440	39.14	6.48	45.62	68.20	-22.58	Peak

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

IEEE 802.11 ax20 Mode

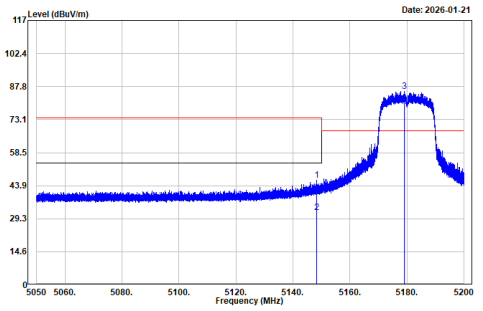
5180 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AX20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5149.950	55.84	3.78	59.62	74.00	-14.38	Peak
2	5149.950	40.78	3.78	44.56	54.00	-9.44	Average
3	5177.970	91.58	3.80	95.38	------	------	Peak

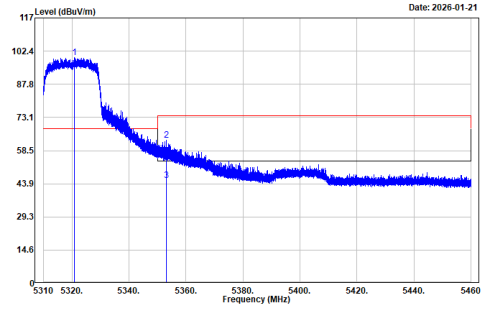
5180 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AX20-TX-5180

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5148.225	42.63	3.78	46.41	74.00	-27.59	Peak
2	5148.225	28.38	3.78	32.16	54.00	-21.84	Average
3	5179.145	81.77	3.80	85.57	------	------	Peak

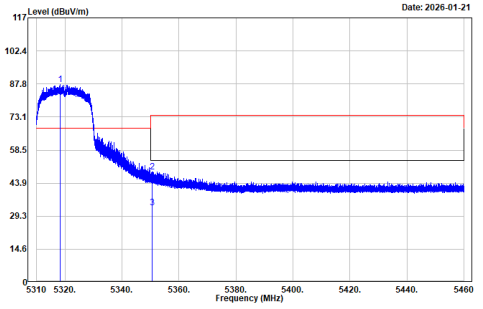
5320 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AX20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5320.945	95.50	4.05	99.55	------	------	Peak
2	5353.025	58.97	4.20	63.17	74.00	-10.83	Peak
3	5353.025	41.22	4.20	45.42	54.00	-8.58	Average

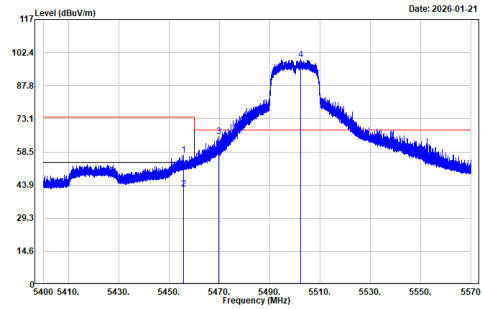
5320 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AX20-TX-5320

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5318.295	83.33	4.04	87.37	------	------	Peak
2	5350.510	44.75	4.19	48.94	74.00	-25.06	Peak
3	5350.510	28.74	4.19	32.93	54.00	-21.07	Average

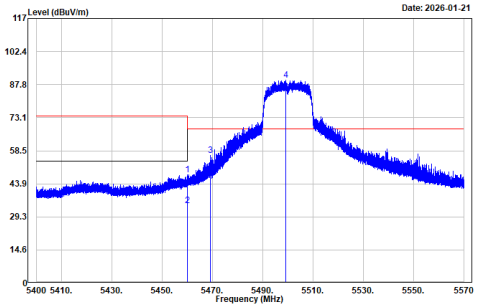
5500 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AX20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5455.771	52.56	4.59	57.15	74.00	-16.85	Peak
2	5455.771	37.54	4.59	42.13	54.00	-11.87	Average
3 !	5469.609	60.60	4.70	65.30	68.20	-2.90	Peak
4	5502.380	94.29	4.96	99.25	------	------	Peak

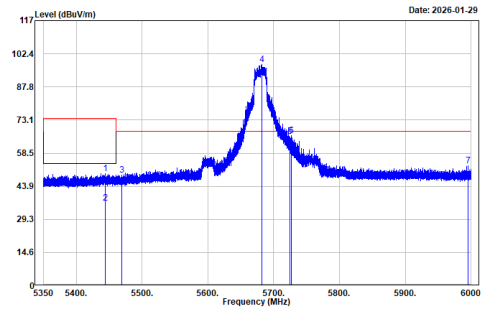
5500 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 18.1℃/57%
Memo : AX20-TX-5500

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5459.931	43.40	4.62	48.02	74.00	-25.98	Peak
2	5459.931	29.63	4.62	34.25	54.00	-19.75	Average
3	5469.071	51.74	4.69	56.43	68.20	-11.77	Peak
4	5499.116	84.67	4.95	89.62	------	------	Peak

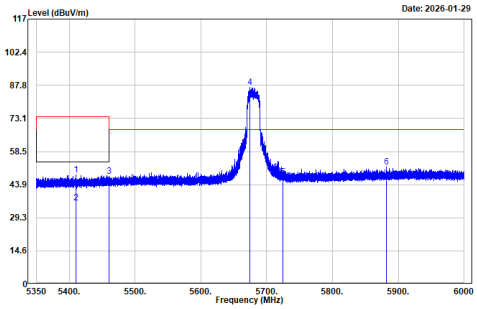
5680 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AX20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5443.882	45.06	4.52	49.58	74.00	-24.42	Peak
2	5443.882	32.04	4.52	36.56	54.00	-17.44	Average
3	5468.863	44.17	4.69	48.86	68.20	-19.34	Peak
4	5682.237	92.40	5.14	97.54	------	------	Peak
5 !	5725.000	60.75	5.31	66.06	68.20	-2.14	Peak
6 !	5726.805	60.96	5.32	66.28	68.20	-1.92	Peak
7	5995.862	46.36	6.59	52.95	68.20	-15.25	Peak

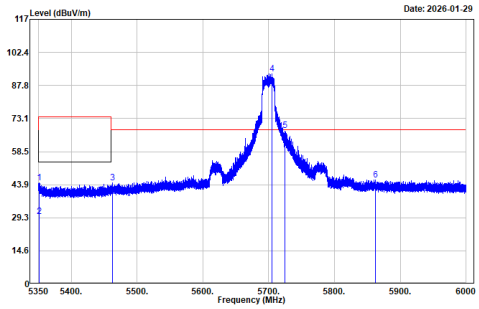
5680 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AX20-TX-5680

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5409.973	43.70	4.43	48.13	74.00	-25.87	Peak
2	5409.973	31.54	4.43	35.97	54.00	-18.03	Average
3	5460.110	43.08	4.62	47.70	68.20	-20.50	Peak
4	5674.805	81.65	5.13	86.78	------	------	Peak
5	5725.000	41.86	5.31	47.17	68.20	-21.03	Peak
6	5881.527	45.70	6.10	51.80	68.20	-16.40	Peak

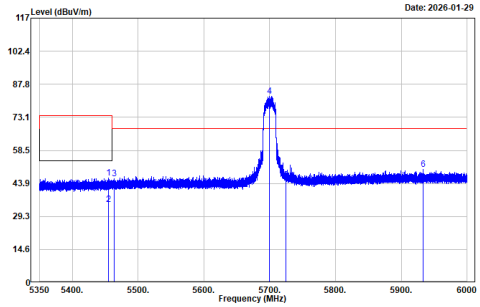
5700 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AX20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5351.322	40.47	4.20	44.67	74.00	-29.33	Peak
2	5351.322	25.75	4.20	29.95	54.00	-24.05	Average
3	5462.125	39.99	4.64	44.63	68.20	-23.57	Peak
4	5705.117	87.67	5.22	92.89	------	------	Peak
5 !	5725.000	62.54	5.31	67.85	68.20	-0.35	Peak
6	5862.113	39.94	5.98	45.92	68.20	-22.28	Peak

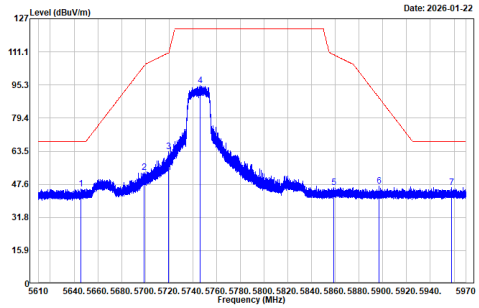
5700 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 17.8℃/60%
Memo : AX20-TX-5700

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5455.040	41.62	4.58	46.20	74.00	-27.80	Peak
2	5455.040	29.90	4.58	34.48	54.00	-19.52	Average
3	5464.010	41.31	4.65	45.96	68.20	-22.24	Peak
4	5699.289	77.30	5.19	82.49	------	------	Peak
5	5725.000	40.08	5.31	45.39	68.20	-22.81	Peak
6	5933.072	43.64	6.38	50.02	68.20	-18.18	Peak

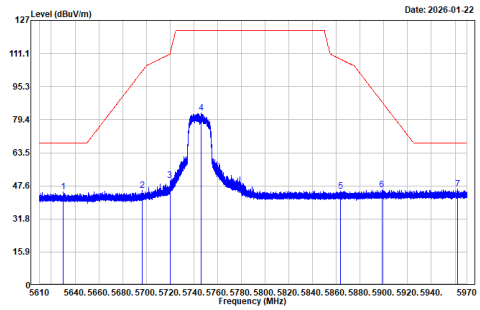
5745 MHz Horizontal



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5745

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5646.000	40.49	5.07	45.56	68.20	-22.64	Peak
2	5698.920	48.00	5.19	53.19	104.40	-51.21	Peak
3	5719.368	58.12	5.29	63.41	110.62	-47.21	Peak
4	5746.068	89.49	5.41	94.90	122.20	-27.30	Peak
5	5858.748	40.33	5.96	46.29	109.75	-63.46	Peak
6	5896.524	40.48	6.21	46.69	89.23	-42.54	Peak
7	5957.856	39.56	6.49	46.05	68.20	-22.15	Peak

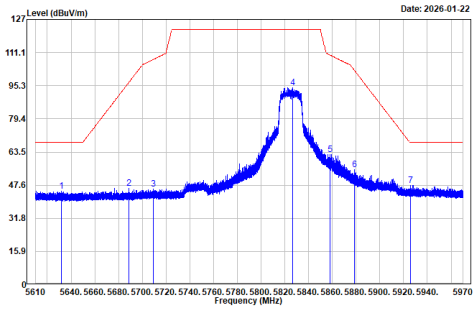
5745 MHz Vertical



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5745

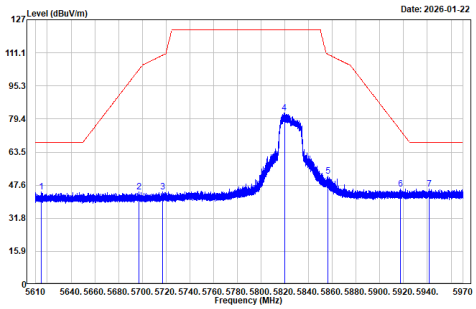
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5629.956	39.69	5.08	44.77	68.20	-23.43	Peak
2	5696.724	40.10	5.18	45.28	102.79	-57.51	Peak
3	5719.848	45.12	5.29	50.41	110.76	-60.35	Peak
4	5745.900	77.03	5.41	82.44	122.20	-39.76	Peak
5	5863.500	39.13	5.99	45.12	108.42	-63.30	Peak
6	5898.276	39.58	6.22	45.80	87.94	-42.14	Peak
7	5961.804	39.56	6.49	46.05	68.20	-22.15	Peak

5825 MHz Horizontal	5825 MHz Vertical



Site : 966B Chamber
Condition: 3m Horizontal
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5631.948	39.57	5.09	44.66	68.20	-23.54	Peak
2	5688.708	40.88	5.17	46.05	96.87	-50.82	Peak
3	5709.504	40.56	5.24	45.80	107.86	-62.06	Peak
4	5826.372	88.64	5.79	94.43	122.20	-27.77	Peak
5	5857.956	56.45	5.96	62.41	109.97	-47.56	Peak
6	5878.776	48.83	6.08	54.91	102.39	-47.48	Peak
7	5925.672	41.30	6.35	47.65	68.20	-20.55	Peak



Site : 966B Chamber
Condition: 3m Vertical
Job No : RLK260119060
Model : RRQ61051-010
Power : From Test Development Board
Tester : Derek
Temp./ Hum.: 16.9℃/56%
Memo : AX20-TX-5825

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	5614.860	39.33	5.11	44.44	68.20	-23.76	Peak
2	5697.216	39.13	5.18	44.31	103.15	-58.84	Peak
3	5717.016	39.10	5.28	44.38	109.97	-65.59	Peak
4	5819.640	76.57	5.76	82.33	122.20	-39.87	Peak
5	5856.036	45.88	5.95	51.83	110.51	-58.68	Peak
6	5917.548	39.56	6.31	45.87	73.69	-27.82	Peak
7	5941.512	39.51	6.43	45.94	68.20	-22.26	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	21.8℃	測試日期	2026/01/20
環境濕度	55%	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	41.90	18.30
40	5200	41.60	18.14
48	5240	37.80	16.58

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	45.90	18.22
40	5200	43.80	18.34
48	5240	37.80	17.62

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	44.60	18.66
40	5200	45.00	18.74
48	5240	39.70	17.66

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
36	5180	43.00	19.06
40	5200	43.80	18.94
48	5240	36.50	18.66

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	43.90	18.84
60	5300	44.30	18.90
64	5320	38.30	16.46

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	45.40	17.82
60	5300	44.60	17.86
64	5320	36.60	17.42

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	44.70	17.86
60	5300	45.00	17.94
64	5320	37.10	17.42

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
52	5260	39.10	18.62
60	5300	40.60	18.66
64	5320	32.00	18.50

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	40.10	16.82
116	5580	40.00	16.98
140	5700	39.60	16.58

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	48.00	18.70
116	5580	45.30	18.62
140	5700	40.50	17.58

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	44.90	18.66
116	5580	47.80	18.90
140	5700	42.90	17.62

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

Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)
		chain0	chain0
100	5500	46.40	18.98
116	5580	46.20	19.02
140	5700	40.60	18.66

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	15.84	16.38	≥500	PASS
157	5785	15.78	16.90	≥500	PASS
165	5825	15.18	18.94	≥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	15.60	17.50	≥500	PASS
157	5785	15.24	17.98	≥500	PASS
165	5825	15.18	17.98	≥500	PASS

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

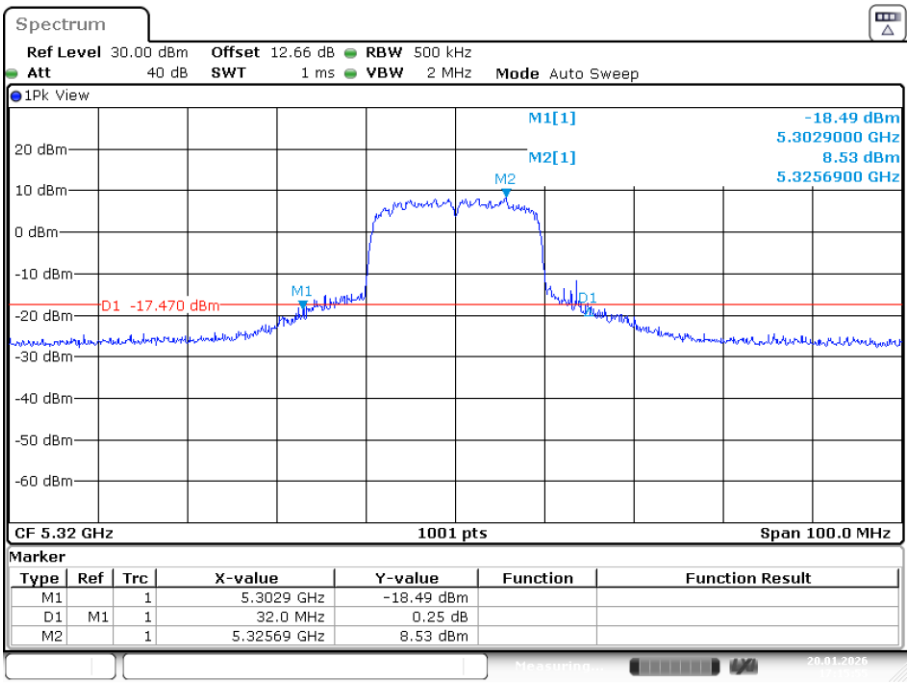
Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (kHz)	Result
		chain0	chain0		
149	5745	16.08	17.50	≥500	PASS
157	5785	15.54	17.98	≥500	PASS
165	5825	15.54	18.26	≥500	PASS

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	17.10	18.58	≥500	PASS
157	5785	15.48	18.82	≥500	PASS
165	5825	15.54	18.82	≥500	PASS

**此測試圖僅放測試結果最差的頻道。

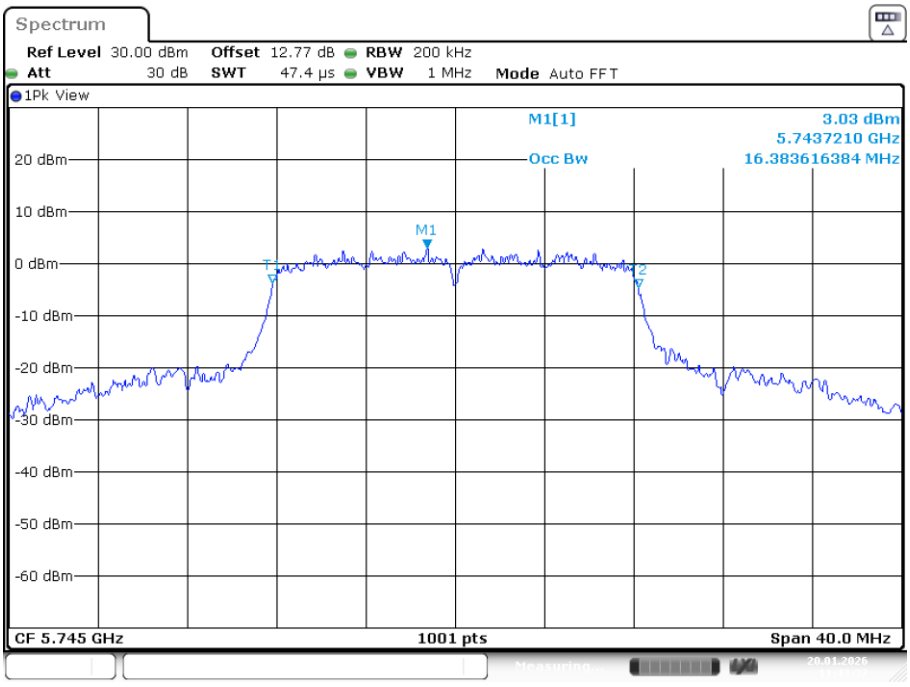
26 dB Emission Bandwidth



ProjectNo.:RLK260119062 Tester:Alan Huang

Date: 20.JAN.2026 17:15:55

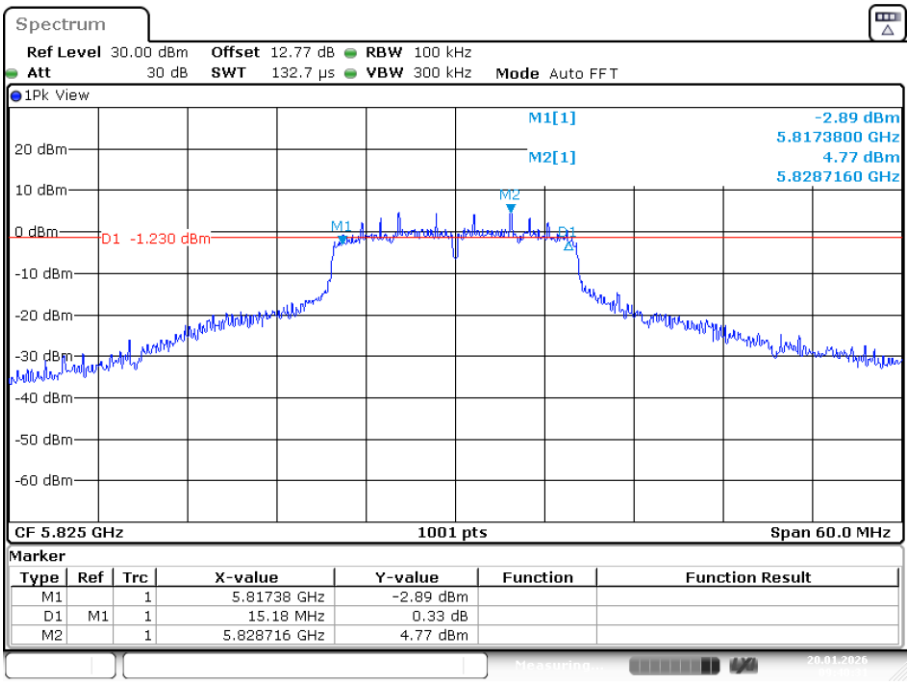
99% Bandwidth



ProjectNo.:RLK260119060 Tester:Alan Huang

Date: 20.JAN.2026 11:43:38

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	21.8℃	測試日期	2026/01/20
環境濕度	55%	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	15.21	0.18	15.39	24
		40	5200	15.20	0.18	15.38	24
		48	5240	14.15	0.18	14.33	24
UNII-2A		52	5260	15.88	0.18	16.06	24
		60	5300	16.03	0.18	16.21	24
		64	5320	15.00	0.18	15.18	24
UNII-2C		100	5500	15.09	0.18	15.27	24
		116	5580	15.31	0.18	15.49	24
		136	5680	14.28	0.18	14.46	24
		140	5700	8.56	0.18	8.74	24
UNII-3		149	5745	13.15	0.18	13.33	30
		157	5785	14.19	0.18	14.37	30
		165	5825	14.00	0.18	14.18	30
UNII-1	802.11 n20	36	5180	15.28	0.41	15.69	24
		40	5200	15.37	0.41	15.78	24
		48	5240	13.92	0.41	14.33	24
UNII-2A		52	5260	15.48	0.41	15.89	24
		60	5300	15.47	0.41	15.88	24
		64	5320	14.59	0.41	15.00	24
UNII-2C		100	5500	15.70	0.41	16.11	24
		116	5580	15.29	0.41	15.70	24
		136	5680	14.00	0.41	14.41	24
		140	5700	8.53	0.41	8.94	24
UNII-3		149	5745	12.51	0.41	12.92	30
		157	5785	14.21	0.41	14.62	30
		165	5825	14.09	0.41	14.50	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	15.08	0	15.08	24
		40	5200	15.90	0	15.90	24
		48	5240	14.39	0	14.39	24
UNII-2A		52	5260	15.80	0	15.80	24
		60	5300	15.87	0	15.87	24
		64	5320	13.90	0	13.90	24
UNII-2C		100	5500	14.19	0	14.19	24
		116	5580	15.45	0	15.45	24
		136	5680	14.50	0	14.50	24
		140	5700	7.65	0	7.65	24
UNII-3		149	5745	13.08	0	13.08	30
		157	5785	14.09	0	14.09	30
		165	5825	13.78	0	13.78	30
UNII-1	802.11 ax20	36	5180	15.10	0	15.10	24
		40	5200	14.92	0	14.92	24
		48	5240	13.77	0	13.77	24
UNII-2A		52	5260	14.65	0	14.65	24
		60	5300	14.43	0	14.43	24
		64	5320	12.71	0	12.71	24
UNII-2C		100	5500	15.49	0	15.49	24
		116	5580	15.68	0	15.68	24
		136	5680	14.39	0	14.39	24
		140	5700	8.65	0	8.65	24
UNII-3		149	5745	13.00	0	13.00	30
		157	5785	14.08	0	14.08	30
		165	5825	13.89	0	13.89	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	21.8℃	測試日期	2026/01/20
環境濕度	55%	測試人員	Alan

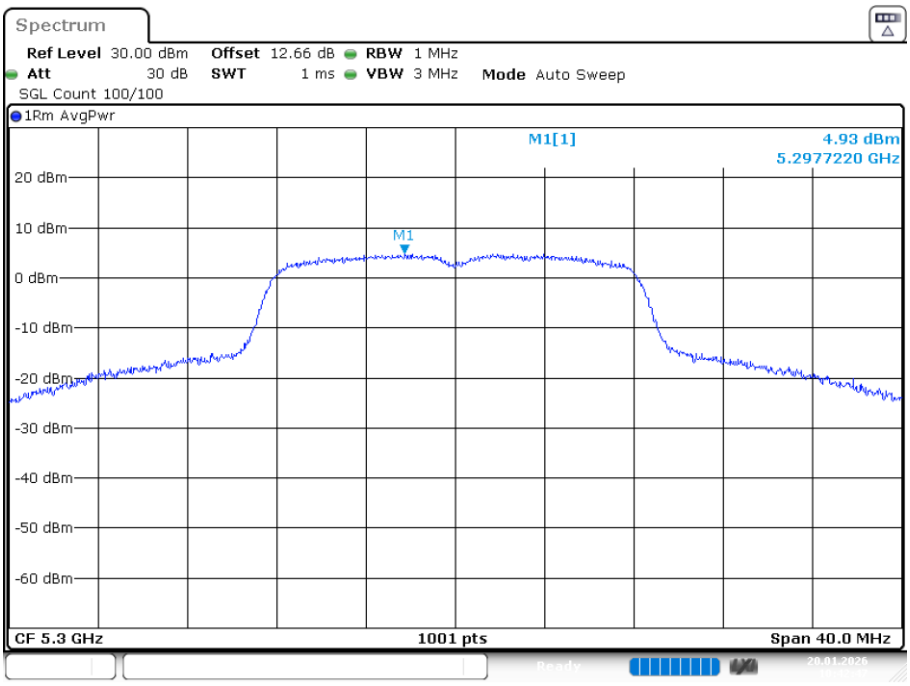
Test Mode: Transmitting

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	4.38	0.18	4.56	11
		40	5200	4.34	0.18	4.52	11
		48	5240	2.87	0.18	3.05	11
	802.11 n20	36	5180	4.17	0.41	4.58	11
		40	5200	4.38	0.41	4.79	11
		48	5240	2.70	0.41	3.11	11
	802.11 ac20	36	5180	4.89	0.00	4.89	11
		40	5200	4.79	0.00	4.79	11
		48	5240	3.24	0.00	3.24	11
	802.11 ax20	36	5180	4.52	0.00	4.52	11
		40	5200	4.12	0.00	4.12	11
		48	5240	2.61	0.00	2.61	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	4.65	0.18	4.83	11
		60	5300	4.93	0.18	5.11	11
		64	5320	2.70	0.18	2.88	11

	802.11 n20	52	5260	3.62	0.41	4.03	11
		60	5300	3.54	0.41	3.95	11
		64	5320	1.16	0.41	1.57	11
	802.11 ac20	52	5260	4.55	0	4.55	11
		60	5300	4.26	0	4.26	11
		64	5320	2.43	0	2.43	11
	802.11 ax20	52	5260	3.59	0	3.59	11
		60	5300	3.32	0	3.32	11
		64	5320	1.23	0	1.23	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	4.04	0.18	4.22	11
		116	5580	3.52	0.18	3.70	11
		136	5680	2.31	0.18	2.49	11
		140	5700	-3.72	0.18	-3.54	11
	802.11 n20	100	5500	4.01	0.41	4.42	11
		116	5580	3.75	0.41	4.16	11
		136	5680	1.77	0.41	2.18	11
		140	5700	-3.94	0	-3.94	11
	802.11 ac20	100	5500	4.46	0	4.46	11
		116	5580	4.14	0	4.14	11
		136	5680	2.07	0	2.07	11
		140	5700	-4.60	0	-4.60	11
	802.11 ax20	100	5500	4.20	0	4.20	11
		116	5580	3.94	0	3.94	11
		136	5680	1.47	0	1.47	11
		140	5700	-3.75	0	-3.75	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	1.44	0.18	1.62	30
		157	5785	3.08	0.18	3.26	30

		165	5825	2.35	0.18	2.53	30
	802.11 n20	149	5745	1.03	0.41	1.44	30
		157	5785	2.90	0.41	3.31	30
		165	5825	2.66	0.41	3.07	30
	802.11 ac20	149	5745	1.53	0.00	1.53	30
		157	5785	3.07	0.00	3.07	30
		165	5825	3.26	0.00	3.26	30
	802.11 ax20	149	5745	1.23	0.00	1.23	30
		157	5785	2.65	0.00	2.65	30
		165	5825	3.07	0.00	3.07	30

****此測試圖僅放測試結果最差的頻道。**



ProjectNo.:RLK260119060 Tester:Alan Huang
Date: 20.JAN.2026 10:42:47

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	15.9	38.9	4.4	2.754	20	0.021	1
5250-5350	16.21	41.78	4.4	2.754	20	0.023	1
5470-5725	16.11	40.83	4.4	2.754	20	0.022	1
5725-5850	14.62	28.97	4.4	2.754	20	0.016	1

電磁波曝露量 MPE 標準值

1mW/cm^2，送測產品實測值為：**0.023** 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	102447	2025/12/10	2026/12/10
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	2026/01/05	2027/01/05
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)
DFS_Level	Conducted	±3.06 (dB)
DFS_Time	Conducted	±0.21 (ms)

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** *****