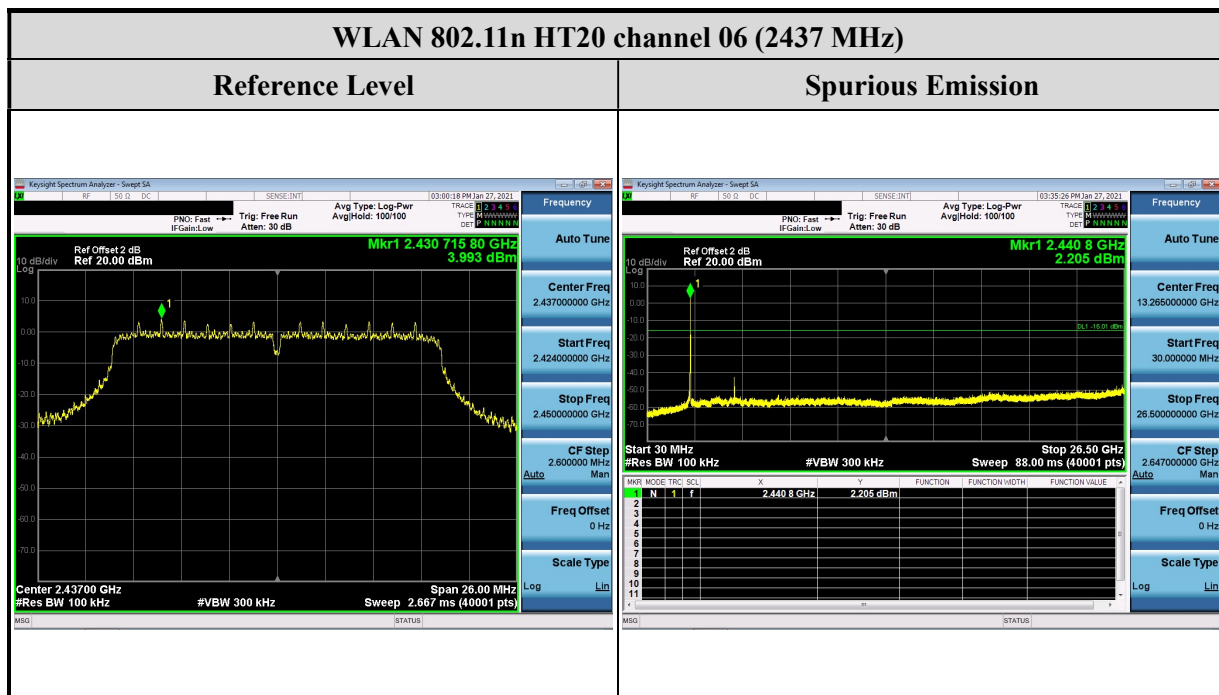
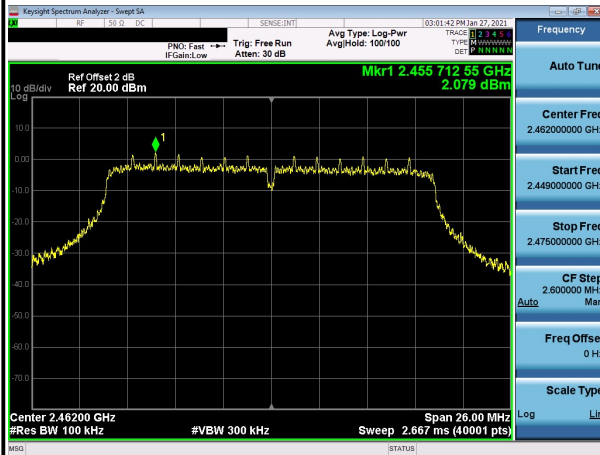


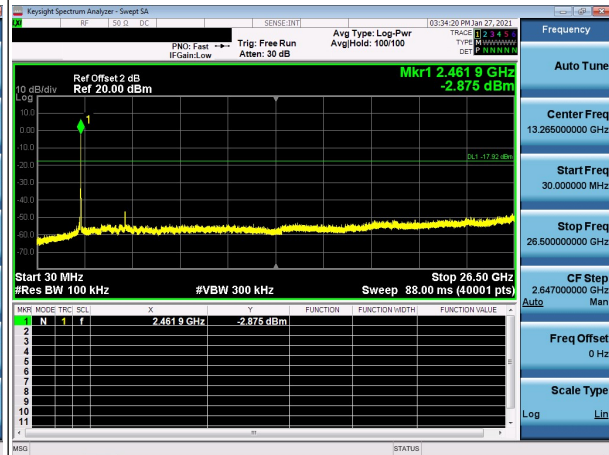


WLAN 802.11n HT20 channel 11 (2462MHz)

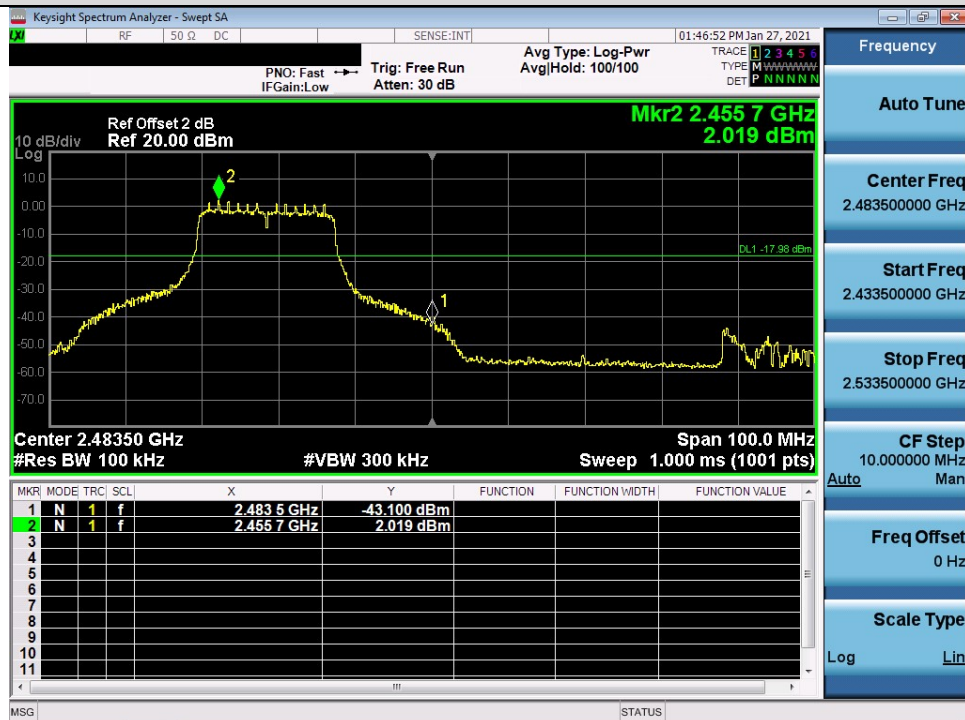
Reference Level



Spurious Emission

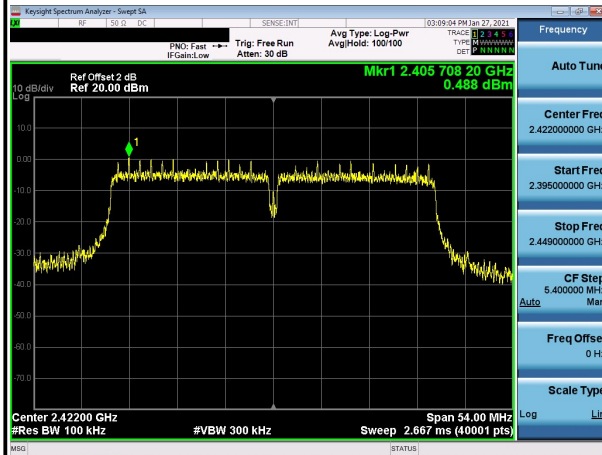


Band Edge

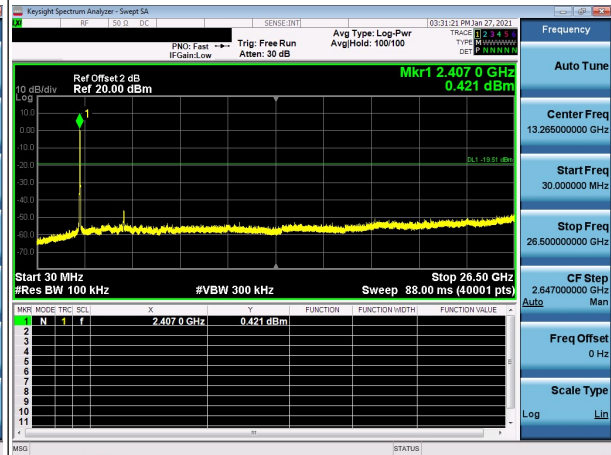


WLAN 802.11n HT40 channel 03 (2422 MHz)

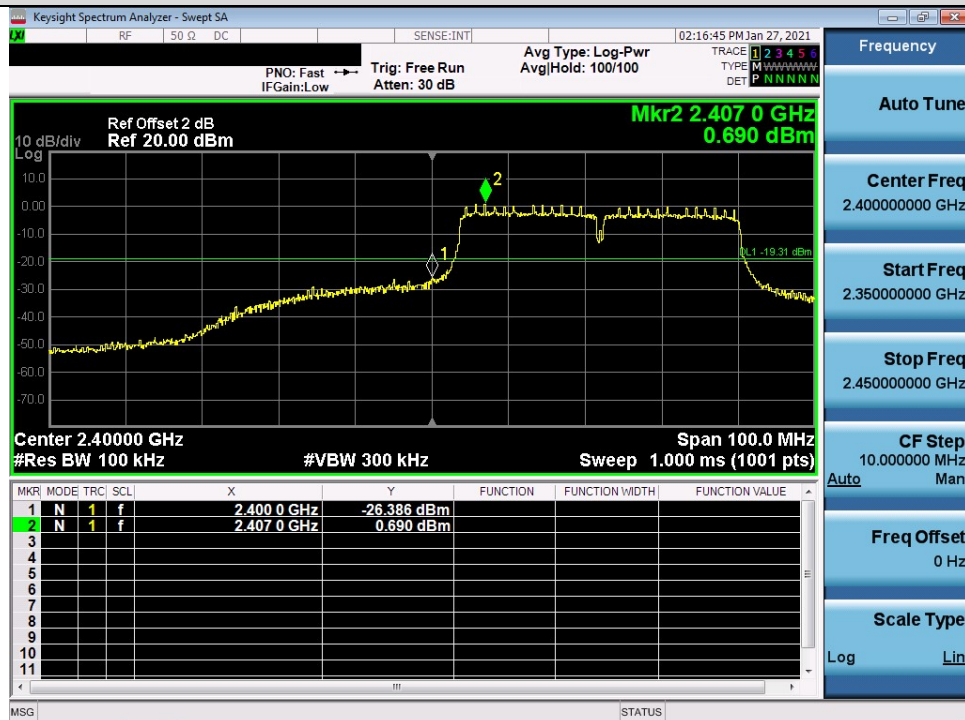
Reference Level



Spurious Emission

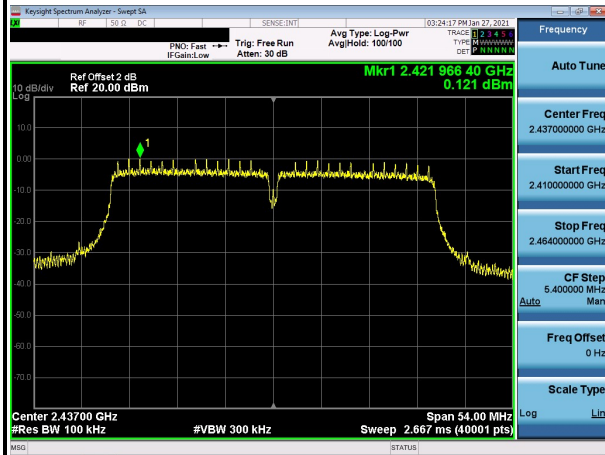


Band Edge

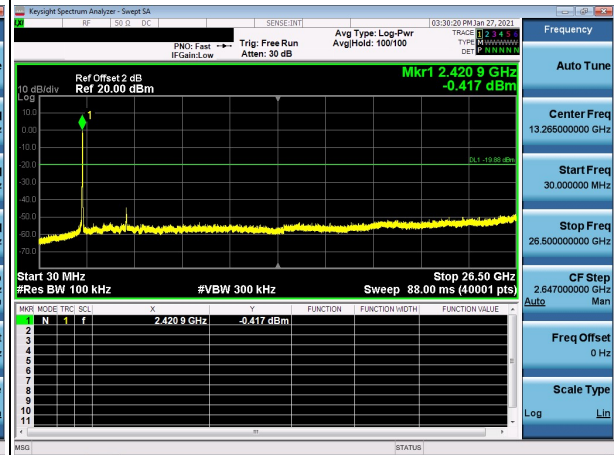


WLAN 802.11n HT40 channel 06 (2437 MHz)

Reference Level

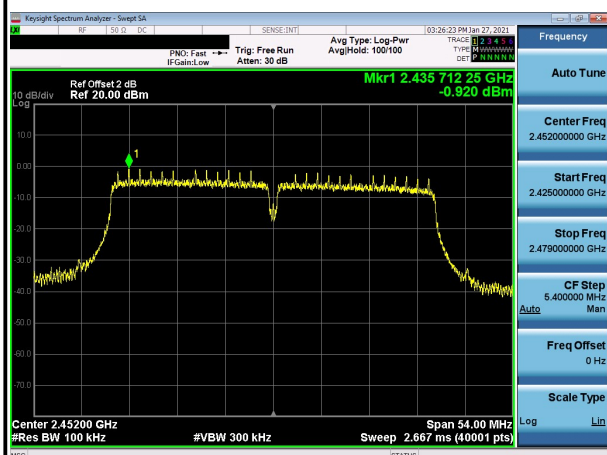


Spurious Emission

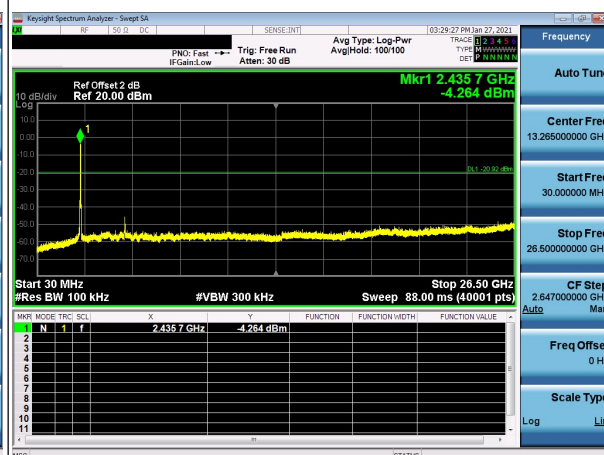


WLAN 802.11n HT40 channel 9 (2452MHz)

Reference Level



Spurious Emission



Band Edge



2.6 不必要之發射

2.6.1 限制值

- 操作頻帶範圍外之任意 100 kHz 內，發射機所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100 kHz 內的射頻功率，其衰減值限制如下：
 - 輸出功率以附件二之峰值輸出功率方式測量者，至少須衰減 20dB，可使用射頻傳導或輻射方式測量。
 - 輸出功率以 4.10.1.2(1)(C)之最大傳導輸出功率測量方式者，至少須衰減 30dB。
- 依據 NCC 低功率射頻器材技術規範第 3.6 節之規定，除本規範各章節另有放寬規定者外，其電場強度不得超過下表之限值，且其不必要之發射皆不得大於主波發射強度。各頻段重疊處，以較嚴格之限制值為準。

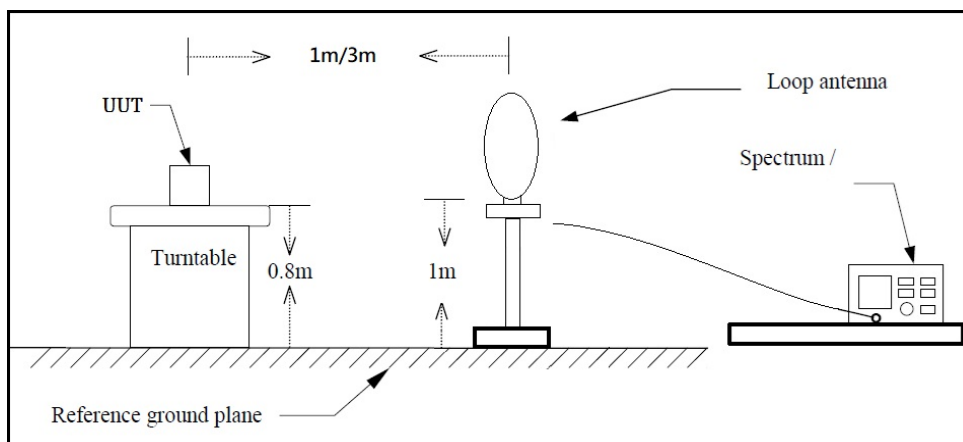
頻率(f) (MHz)	電場強度 (微伏特/公尺, $\mu\text{V/m}$)	量測距離 (公尺)
0.009 ~ 0.490	2400 / f(kHz)	300
0.490 ~ 1.705	24000 / f(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

備註：

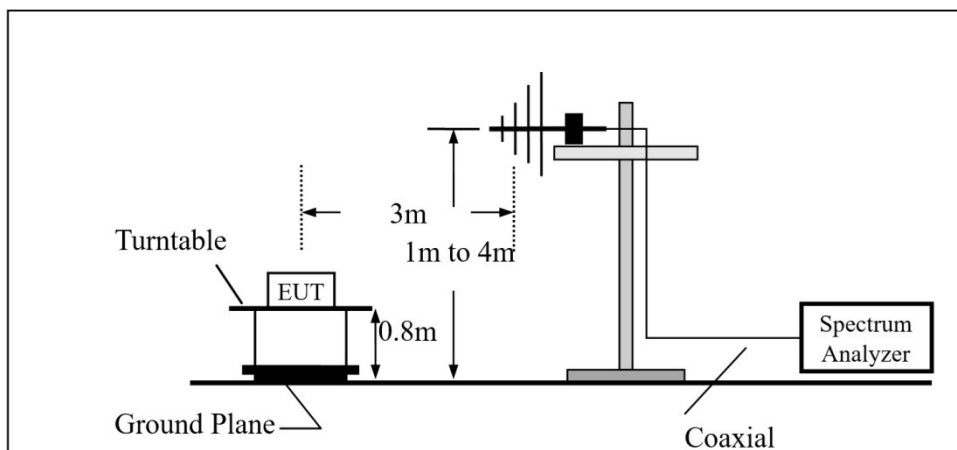
- 電場強度 ($\text{dB}\mu\text{V/m}$) = $20 \log$ 電場強度($\mu\text{V/m}$)。
- 距離是指測量儀器天線與設備之間的距離。
- 上表規定之電場強度，發射頻率在 9 kHz~90 kHz、110 kHz~490 kHz 及 1000 MHz 以上者，其量測應以平均值檢波器為基準，且應符合 NCC 低功率射頻器材技術規範第 6.15.2 節之規定；其他發射頻率，應以國際無線電干擾特別委員會 (INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE, CISPR) 準峰值檢波器(quasi-peak detector)測量；非以上表所指定之距離測量時，應符合 NCC 低功率射頻器材技術規範第 6.5 節之規定，輻射發射之量測頻率範圍應符合 NCC 低功率射頻器材技術規範第 6.14 節之規定。

2.6.2 測試架構

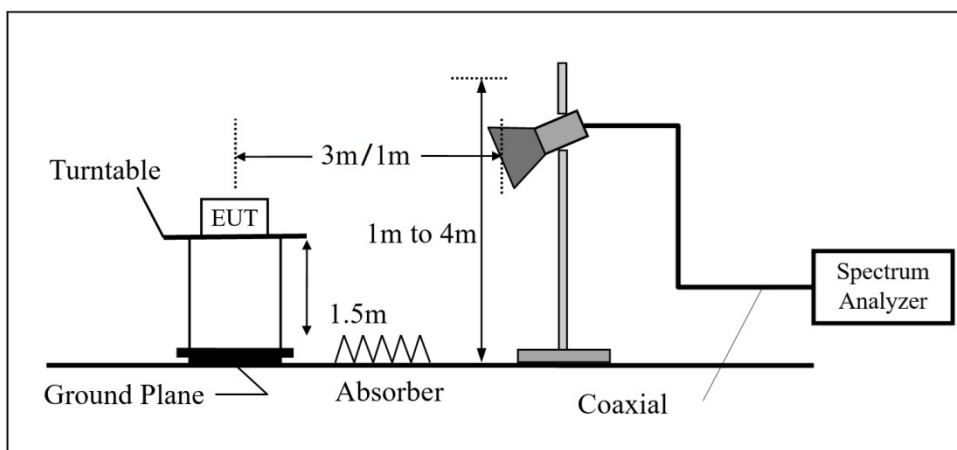
Below 30 MHz



30 MHz ~ 1 GHz



Above 1GHz



2.6.3 測試流程

低於 30MHz 的輻射發射

- (1) 將 EUT 放置在距離地面 0.8 米的非導體桌面的 3 米室內。將桌子旋轉 360 度以確定最高輻射的位置。
- (2) EUT 設置在離接收天線 3 米遠處，干擾接收天線安裝在可變高度天線塔的頂部。
- (3) 設置天線的平行、垂直方向以進行測量。
- (4) 將測試接收機系統設置為準峰值檢測功能和具有最大保持模式的指定帶寬。

30MHz 以上的輻射發射

- (1) 將 EUT 放置在距離地面 0.8 米（低於 1GHz）/1.5 米（高於 1GHz）的非導體桌面的 3 米室內。將桌子旋轉 360 度以確定最高輻射的位置。
- (2) EUT 設置在離接收天線 3 米處，天線的高度在離地面 1 米到 4 米之間變化，以確定場強的最大值。
- (3) 設置天線的平行、垂直方向以進行測量。
- (4) 當測試頻率低於 1GHz 時，測試接收機系統被設置為準峰值檢測功能和具有最大保持模式的指定帶寬。
- (5) 當測試頻率高於 1 GHz 時，測試接收機系統設置為峰值和平均檢測功能以及具有最大保持模式的指定帶寬。如果峰值讀數值也滿足平均限值，則不需要使用平均值檢測器進行測量。

2.6.4 工作週期

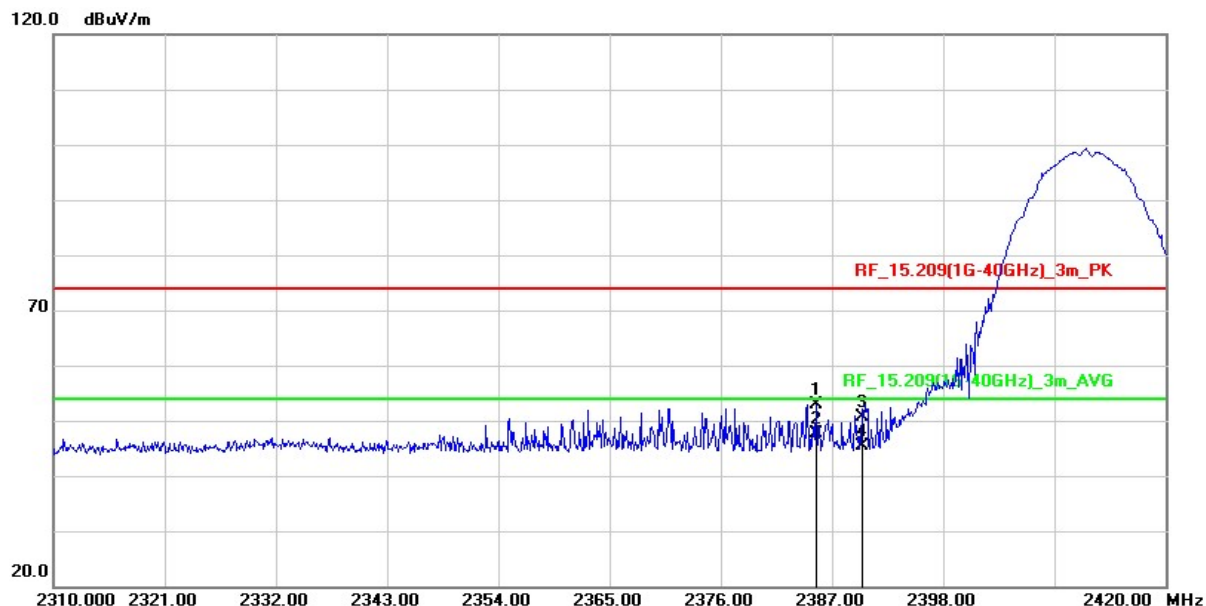
Protocol	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11b	2412	1.000	1.000	1.000	0.000	0.010
802.11g	2412	1.380	1.520	0.908	0.420	0.725
802.11n HT20	2412	1.284	1.422	0.903	0.443	0.779
802.11n HT40	2422	0.642	0.756	0.849	0.710	1.558

2.6.5 輻射頻帶邊緣測試

下表為輻射測量，在X、Y、Z三個軸向中預掃描。本報告中記錄了最差情況（X 軸向）。

Test Frequency		
RF	802.11b / 802.11g / 802.11n HT20	802.11n HT40
Tx	CH01 (2412MHz)	CH03 (2422MHz)
	CH11 (2462MHz)	CH09 (2452MHz)

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

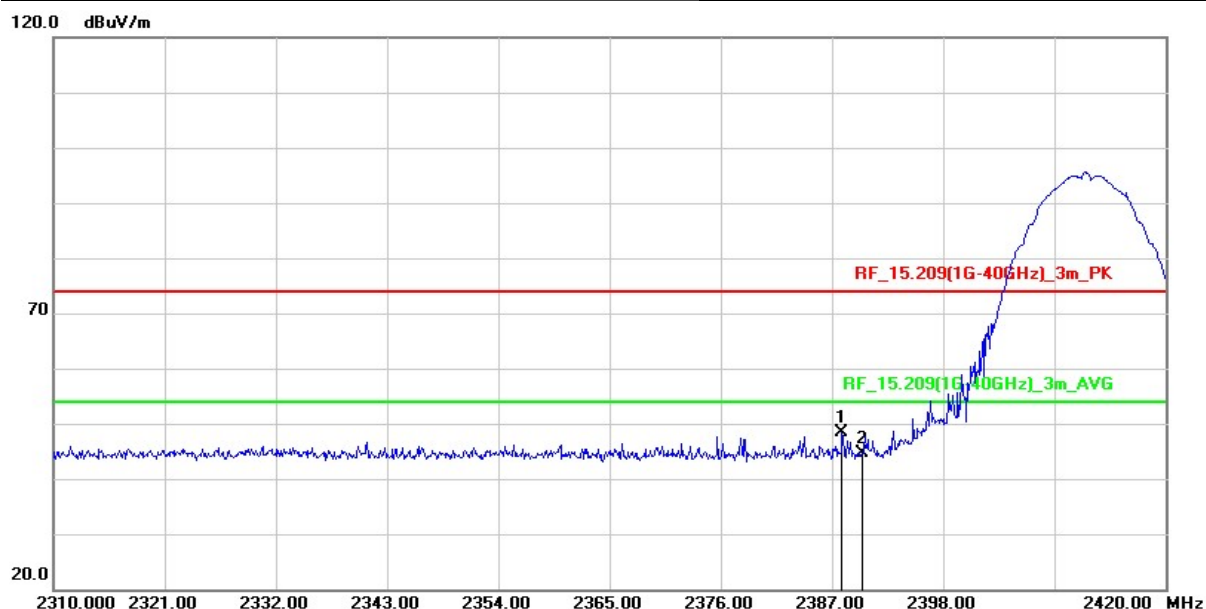


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2385.460	59.67	-6.73	52.94	74.00	-21.06	peak
2	2385.460	54.40	-6.73	47.67	54.00	-6.33	AVG
3	2390.000	57.42	-6.74	50.68	74.00	-23.32	peak
4	2390.000	52.02	-6.74	45.28	54.00	-8.72	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.990	55.21	-6.74	48.47	74.00	-25.53	peak
2	2390.000	51.41	-6.74	44.67	74.00	-29.33	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

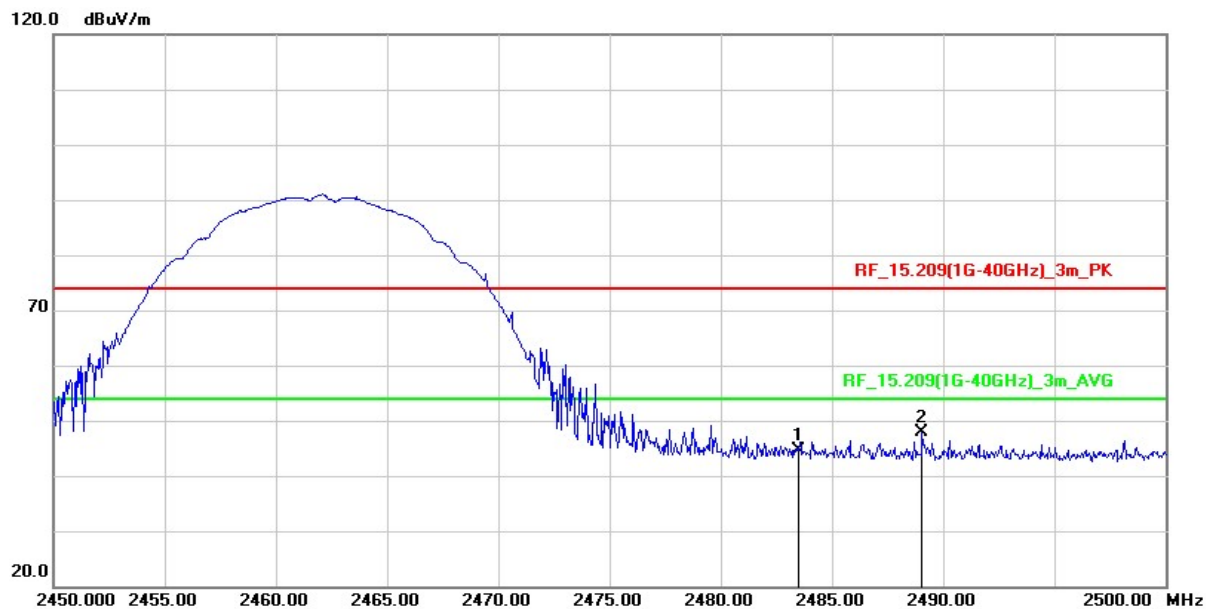


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	51.01	-6.76	44.25	74.00	-29.75	peak
2	2486.400	56.52	-6.75	49.77	74.00	-24.23	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

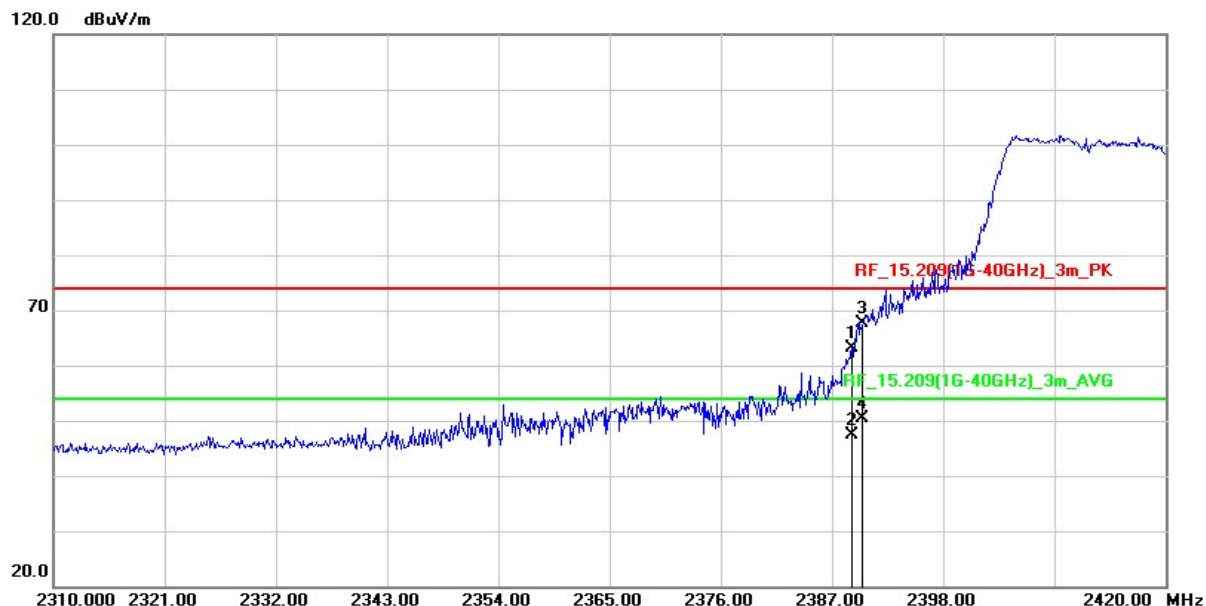


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	51.27	-6.76	44.51	74.00	-29.49	peak
2	2489.050	54.52	-6.75	47.77	74.00	-26.23	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/25
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

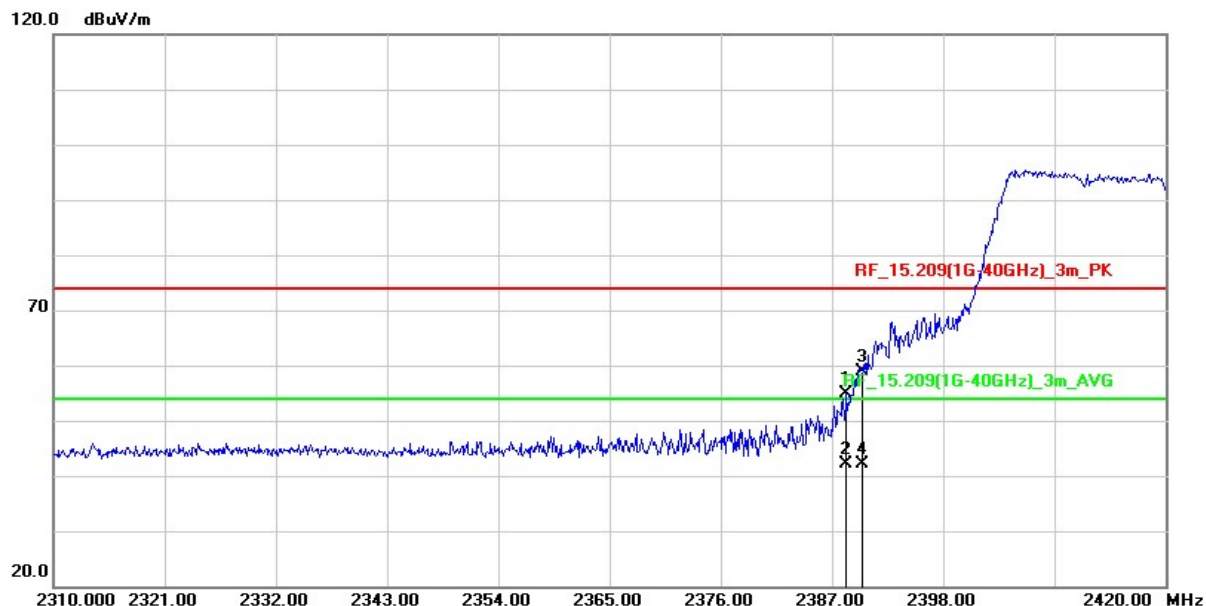


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.980	69.88	-6.74	63.14	74.00	-10.86	peak
2	2388.980	54.20	-6.74	47.46	54.00	-6.54	AVG
3	2390.000	74.28	-6.74	67.54	74.00	-6.46	peak
4	2390.000	57.00	-6.74	50.26	54.00	-3.74	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/25
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

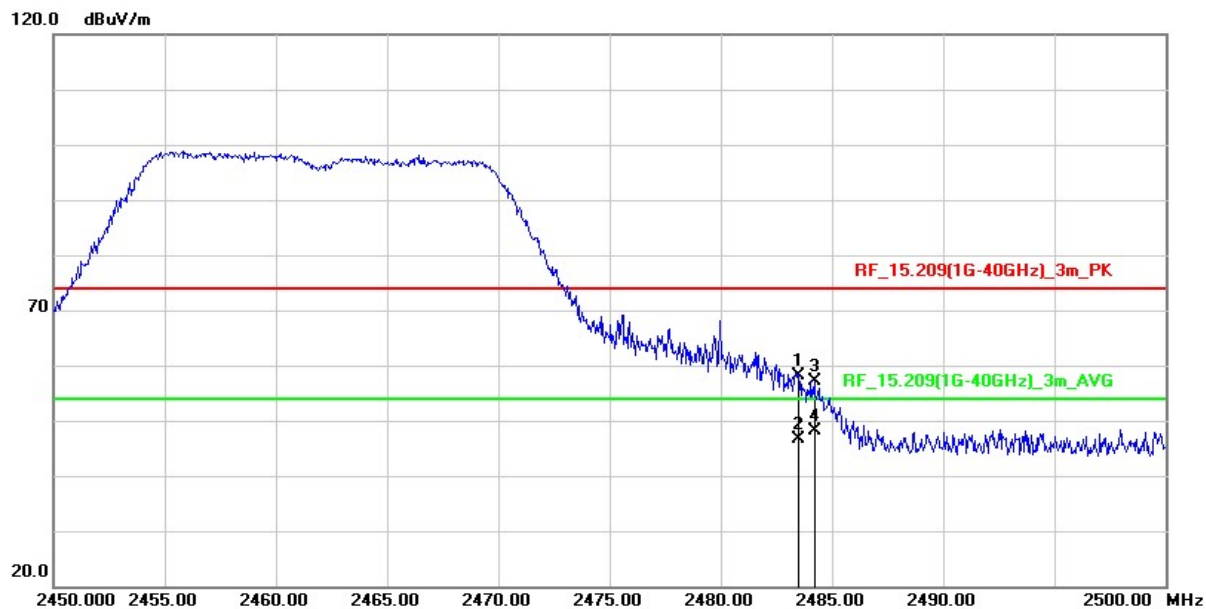


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.430	61.67	-6.73	54.94	74.00	-19.06	peak
2	2388.430	48.94	-6.73	42.21	54.00	-11.79	AVG
3	2390.000	65.63	-6.74	58.89	74.00	-15.11	peak
4	2390.000	48.91	-6.74	42.17	54.00	-11.83	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/25
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

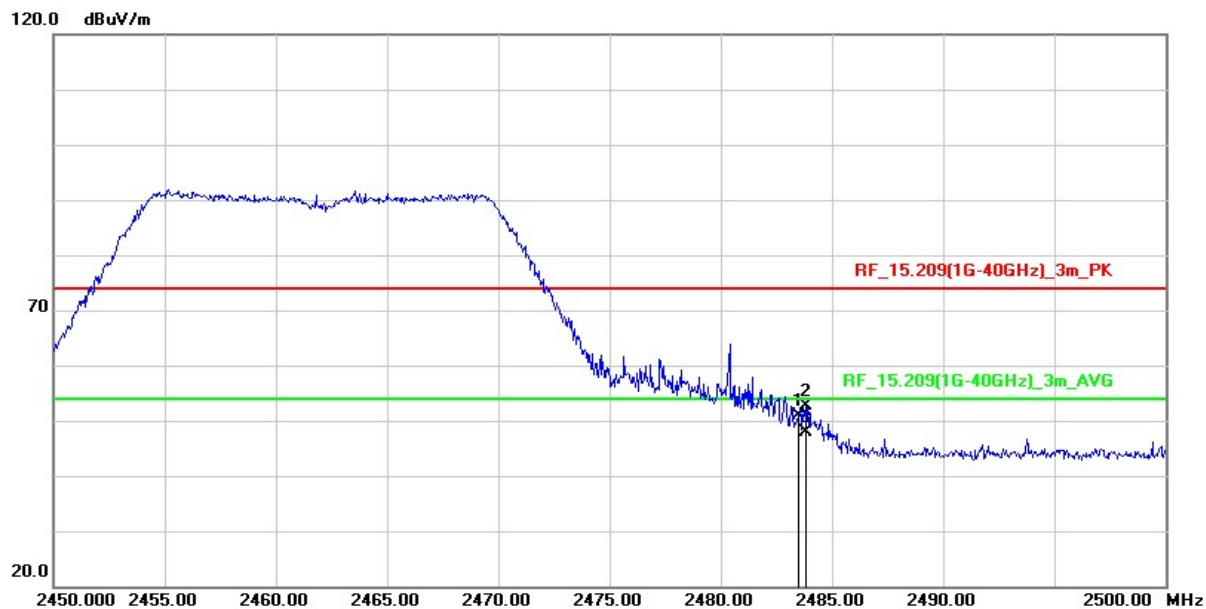


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	65.01	-6.76	58.25	74.00	-15.75	peak
2	2483.500	53.45	-6.76	46.69	54.00	-7.31	AVG
3	2484.200	63.85	-6.75	57.10	74.00	-16.90	peak
4	2484.200	54.92	-6.75	48.17	54.00	-5.83	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/25
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

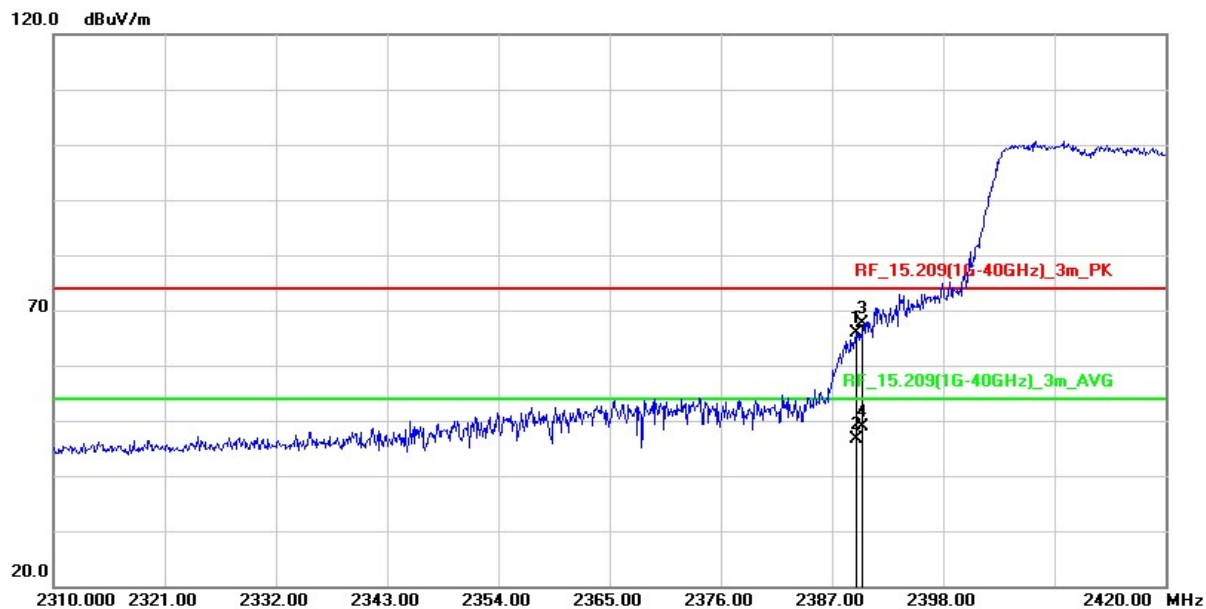


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	57.68	-6.76	50.92	74.00	-23.08	peak
2	2483.850	59.32	-6.76	52.56	74.00	-21.44	peak
3	2483.850	54.58	-6.76	47.82	54.00	-6.18	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11n HT20)	Test Date :	2021/01/25
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

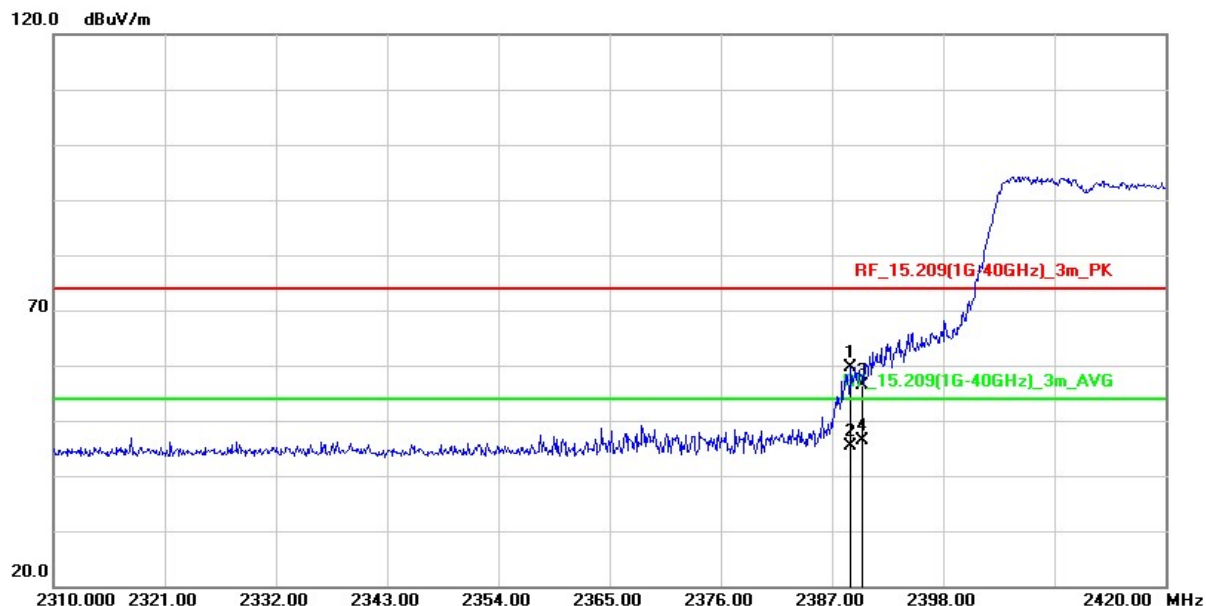


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.420	72.60	-6.74	65.86	74.00	-8.14	peak
2	2389.420	53.39	-6.74	46.65	54.00	-7.35	AVG
3	2390.000	74.42	-6.74	67.68	74.00	-6.32	peak
4	2390.000	55.73	-6.74	48.99	54.00	-5.01	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11n HT20)	Test Date :	2021/01/25
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.870	66.26	-6.74	59.52	74.00	-14.48	peak
2	2388.870	52.16	-6.74	45.42	54.00	-8.58	AVG
3	2390.000	63.15	-6.74	56.41	74.00	-17.59	peak
4	2390.000	53.02	-6.74	46.28	54.00	-7.72	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11n HT20)	Test Date :	2021/01/25
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

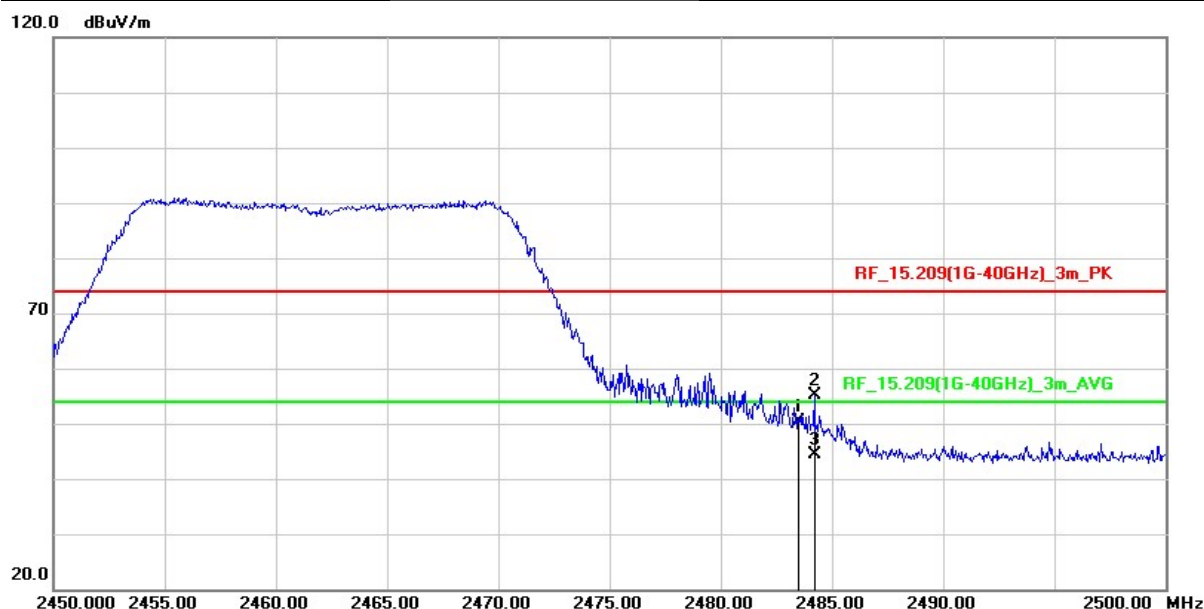


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	61.58	-6.76	54.82	74.00	-19.18	peak
2	2483.500	51.09	-6.76	44.33	54.00	-9.67	AVG
3	2484.500	65.78	-6.75	59.03	74.00	-14.97	peak
4	2484.500	49.54	-6.75	42.79	54.00	-11.21	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 3 : Transmit(802.11n HT20)	Test Date :	2021/01/25
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

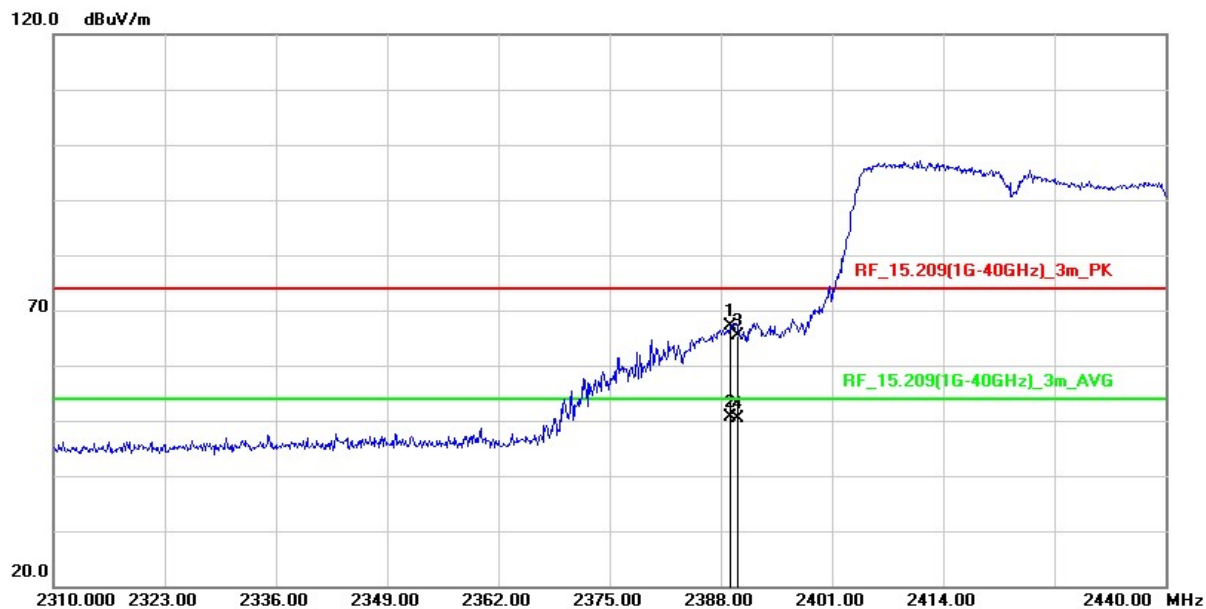


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	57.25	-6.76	50.49	74.00	-23.51	peak
2	2484.200	61.77	-6.75	55.02	74.00	-18.98	peak
3	2484.200	51.14	-6.75	44.39	54.00	-9.61	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11n HT40)	Test Date :	2021/01/25
Test Channel :	CH03(2422MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

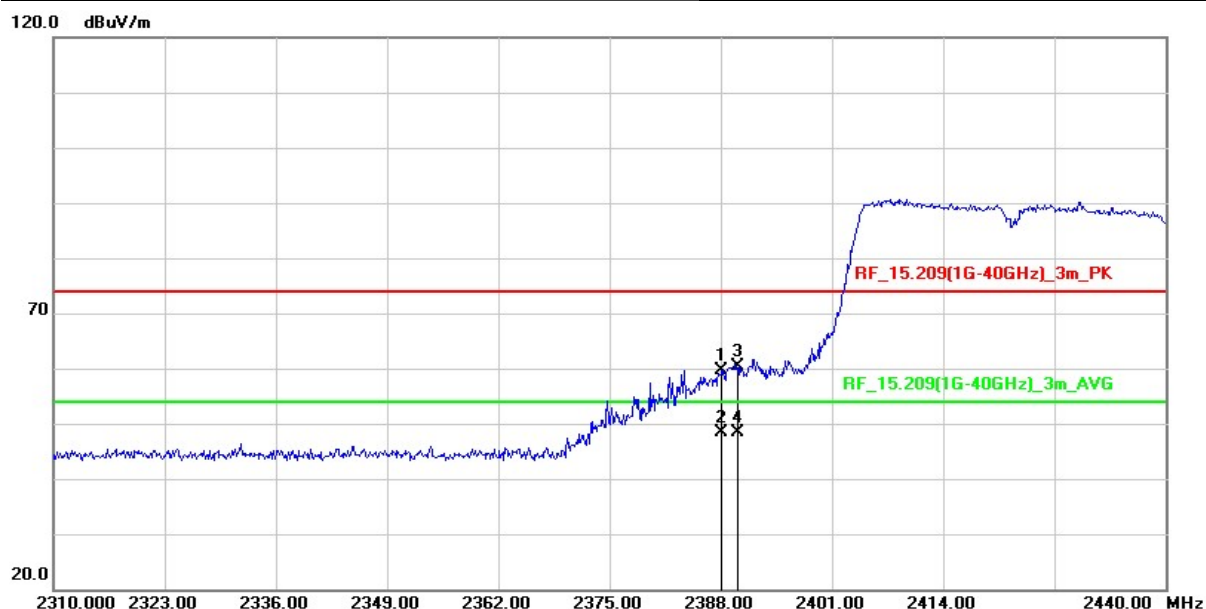


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.040	73.79	-6.74	67.05	74.00	-6.95	peak
2	2389.040	57.39	-6.74	50.65	54.00	-3.35	AVG
3	2390.000	72.12	-6.74	65.38	74.00	-8.62	peak
4	2390.000	57.07	-6.74	50.33	54.00	-3.67	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11n HT40)	Test Date :	2021/01/25
Test Channel :	CH03(2422MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

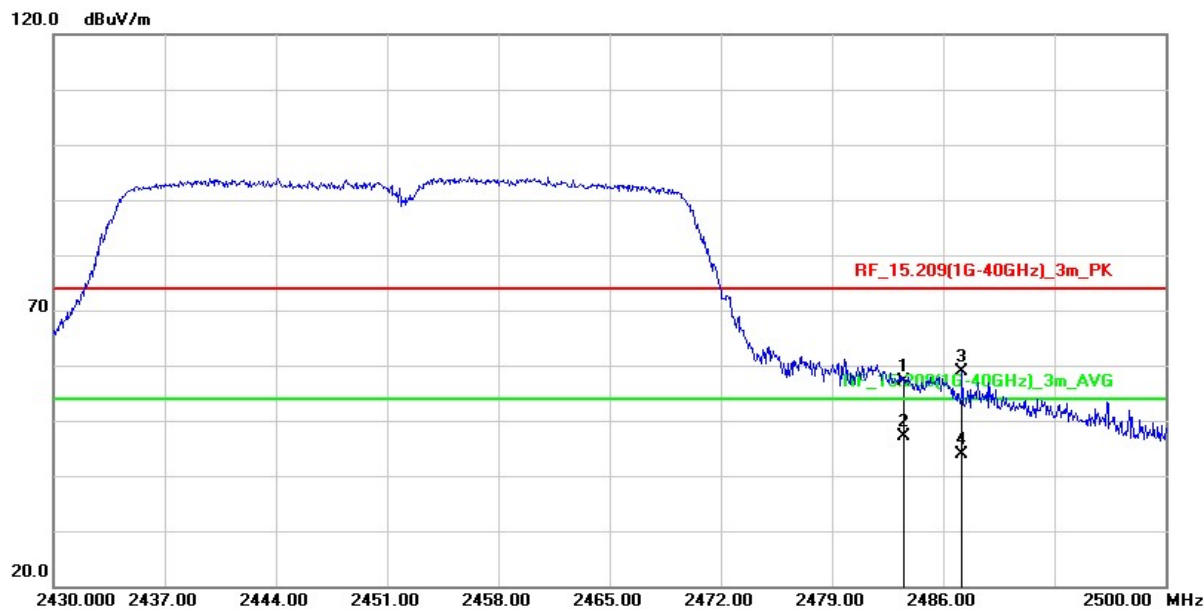


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.130	66.44	-6.74	59.70	74.00	-14.30	peak
2	2388.130	55.12	-6.74	48.38	54.00	-5.62	AVG
3	2390.000	67.21	-6.74	60.47	74.00	-13.53	peak
4	2390.000	55.20	-6.74	48.46	54.00	-5.54	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11n HT40)	Test Date :	2021/01/25
Test Channel :	CH09(2452MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

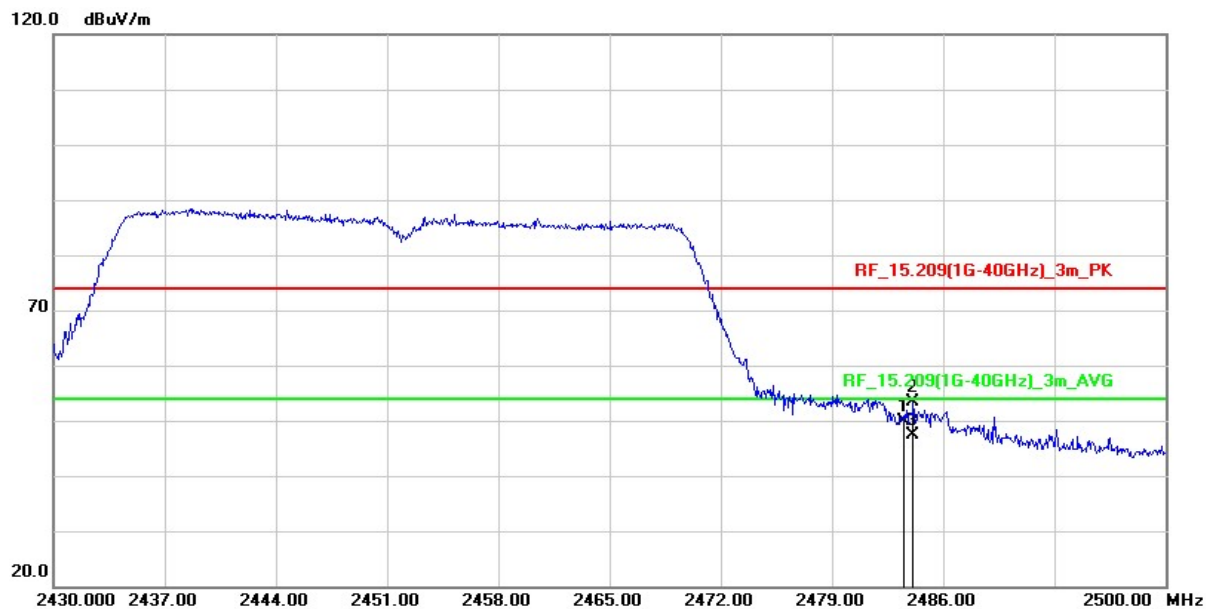


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	63.92	-6.76	57.16	74.00	-16.84	peak
2	2483.500	53.89	-6.76	47.13	54.00	-6.87	AVG
3	2487.190	65.56	-6.74	58.82	74.00	-15.18	peak
4	2487.190	50.62	-6.74	43.88	54.00	-10.12	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 4 : Transmit(802.11n HT40)	Test Date :	2021/01/25
Test Channel :	CH09(2452MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.500	56.75	-6.76	49.99	74.00	-24.01	peak
2	2484.110	60.08	-6.75	53.33	74.00	-20.67	peak
3	2484.110	54.08	-6.75	47.33	54.00	-6.67	AVG

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

2.6.6 輻射雜散發射測試

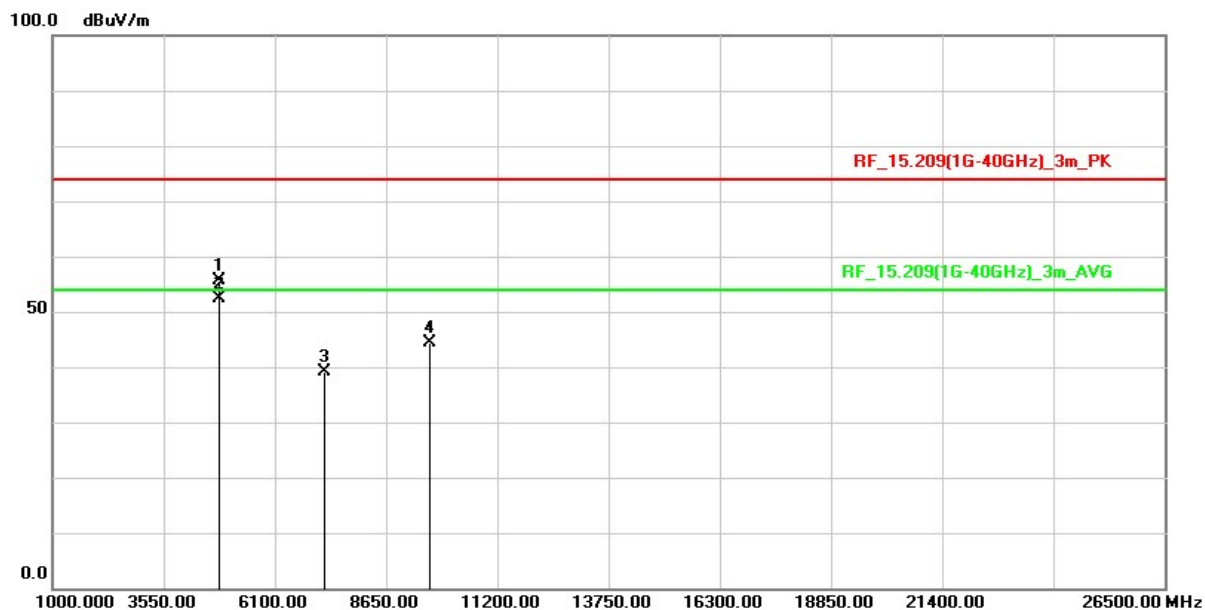
- (1) 輻射量測頻率 9kHz ~ 30MHz，此頻率範圍之干擾值低於限制值 20dB 以下，被考量為背景雜訊值並不予紀錄。
- (2) 下表為輻射測量頻率 30MHz ~ 26.5GHz，在 X、Y、Z 三個軸向中預掃描。本報告中記錄了最壞情況（X 軸向）。

Test Frequency		
RF	802.11b / 802.11g / 802.11n HT20	802.11n HT40
Tx	CH01 (2412MHz)	CH03 (2422MHz)
	CH06 (2437MHz)	CH06 (2437MHz)
	CH11 (2462MHz)	CH09 (2452MHz)

Test Frequency	
RF	802.11g
Rx	CH06 (2437MHz)

Above 1GHz Data

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

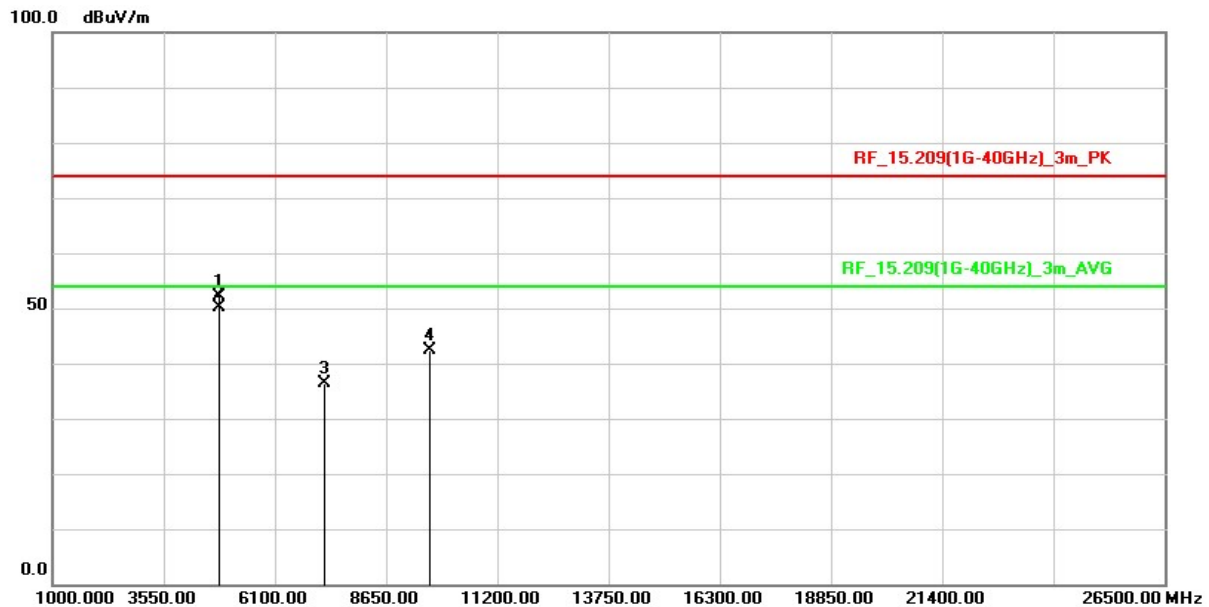


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	77.06	-21.38	55.68	74.00	-18.32	peak
2	4824.000	73.84	-21.38	52.46	54.00	-1.54	AVG
3	7236.000	54.77	-15.65	39.12	74.00	-34.88	peak
4	9648.000	55.93	-11.50	44.43	74.00	-29.57	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

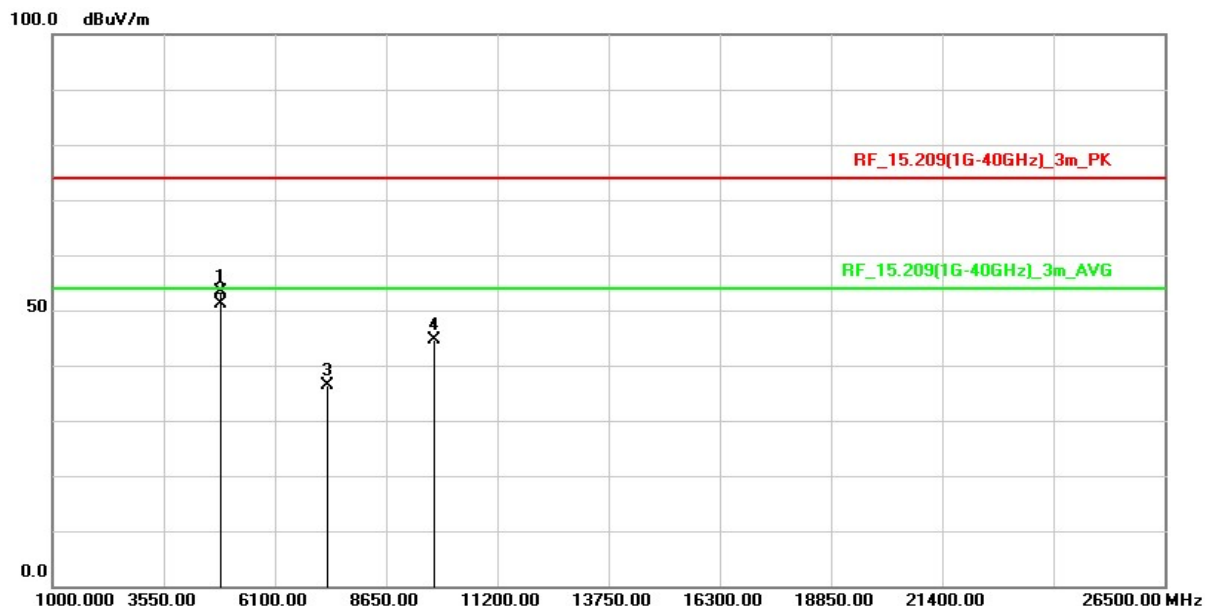


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	73.56	-21.38	52.18	74.00	-21.82	peak
2	4824.000	71.60	-21.38	50.22	54.00	-3.78	AVG
3	7236.000	52.07	-15.65	36.42	74.00	-37.58	peak
4	9648.000	53.97	-11.50	42.47	74.00	-31.53	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH06(2437MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

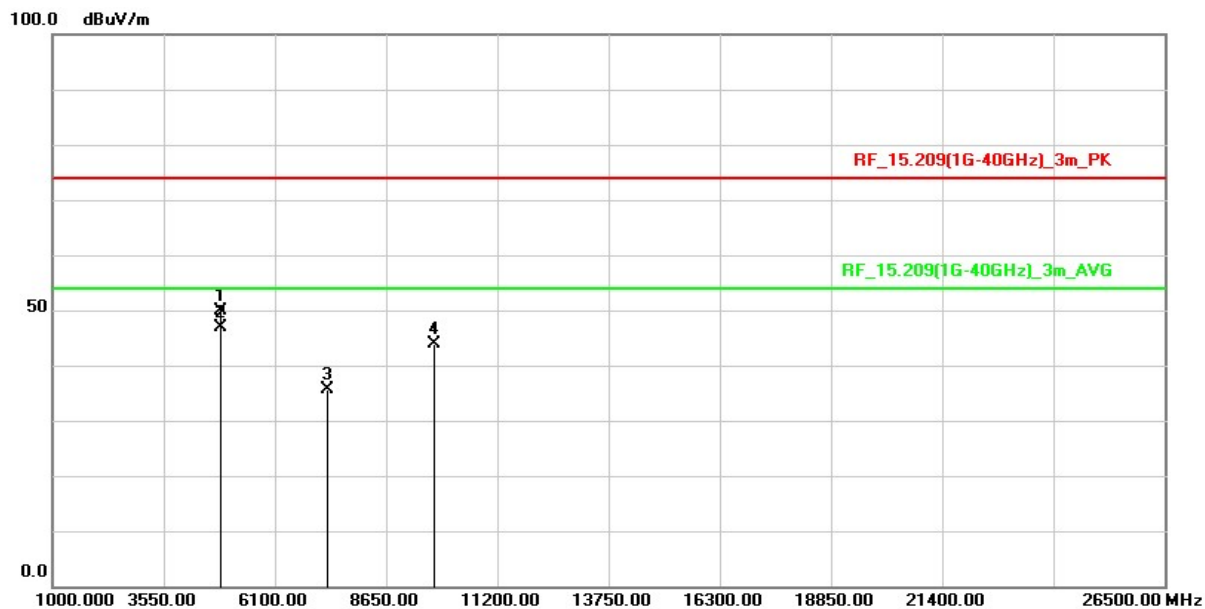


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	74.87	-21.40	53.47	74.00	-20.53	peak
2	4874.000	72.59	-21.40	51.19	54.00	-2.81	AVG
3	7311.000	51.73	-15.25	36.48	74.00	-37.52	peak
4	9748.000	55.97	-11.39	44.58	74.00	-29.42	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH06(2437MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

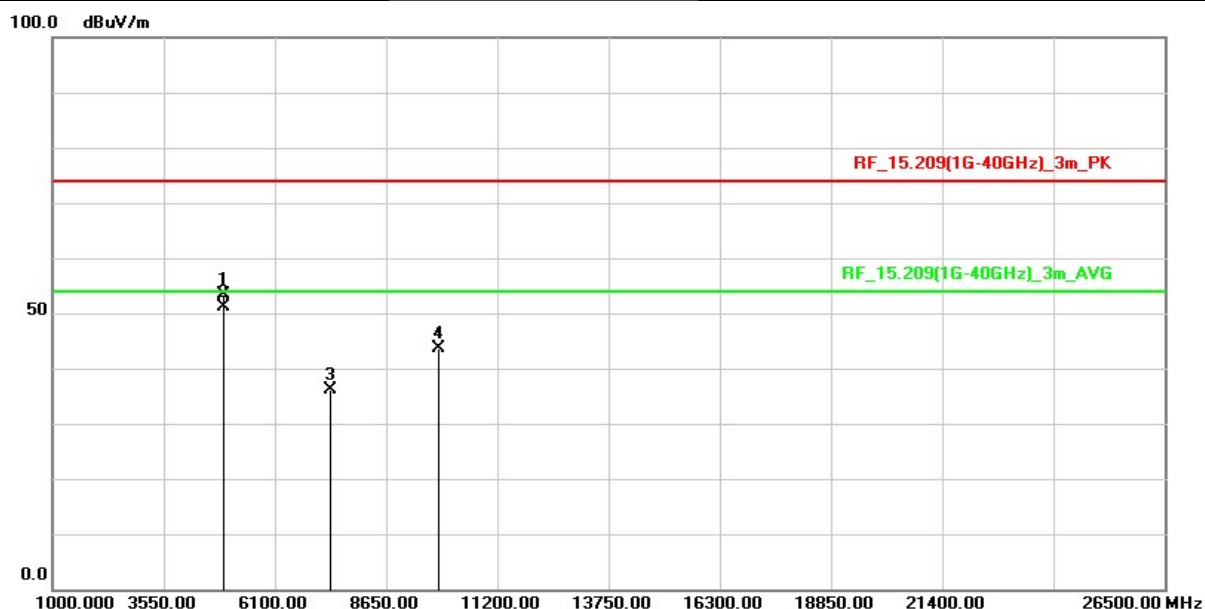


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	71.33	-21.40	49.93	74.00	-24.07	peak
2	4874.000	68.37	-21.40	46.97	54.00	-7.03	AVG
3	7311.000	50.80	-15.25	35.55	74.00	-38.45	peak
4	9748.000	55.23	-11.39	43.84	74.00	-30.16	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

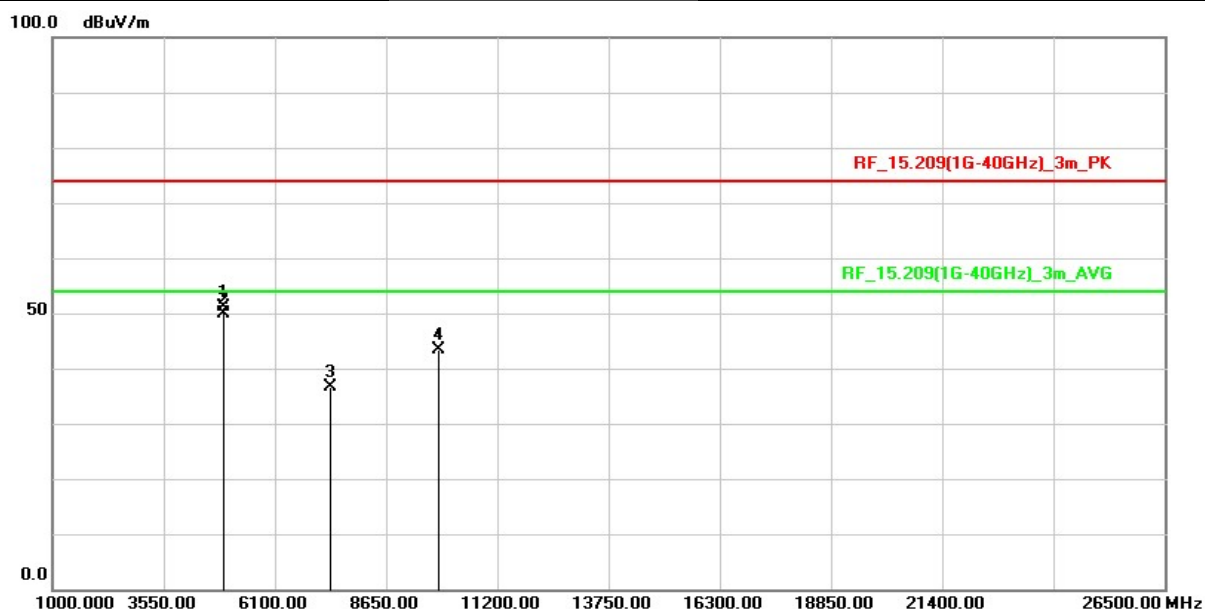


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	74.78	-21.42	53.36	74.00	-20.64	peak
2	4924.000	72.65	-21.42	51.23	54.00	-2.77	AVG
3	7386.000	51.20	-15.15	36.05	74.00	-37.95	peak
4	9848.000	55.11	-11.39	43.72	74.00	-30.28	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 1 : Transmit(802.11b)	Test Date :	2021/01/26
Test Channel :	CH11(2462MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

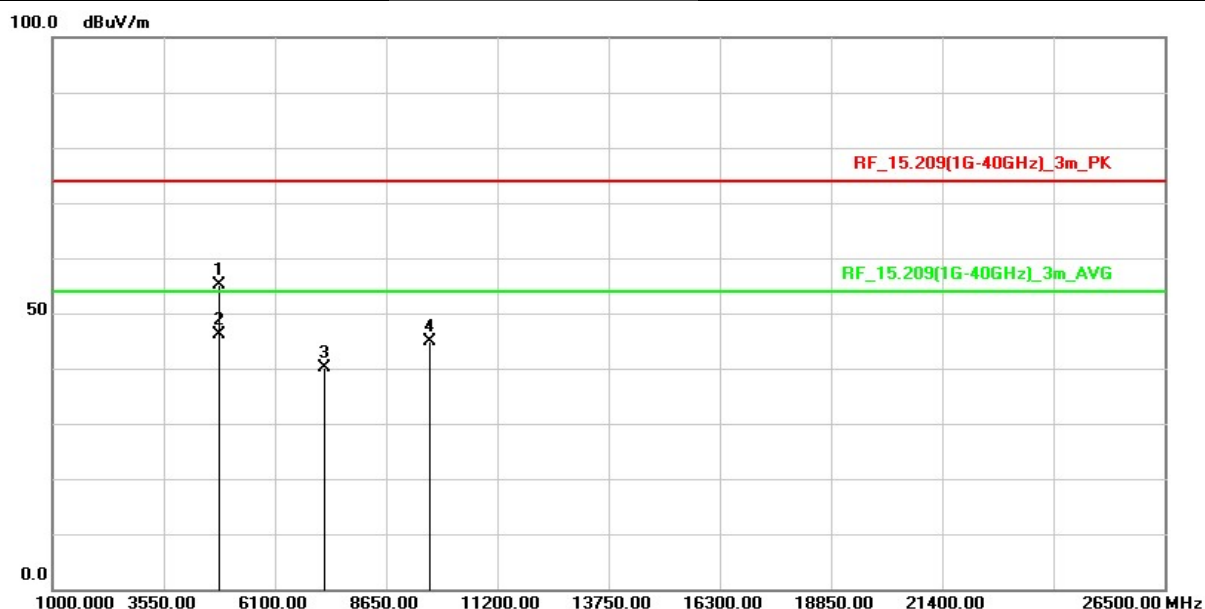


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	72.43	-21.42	51.01	74.00	-22.99	peak
2	4924.000	71.19	-21.42	49.77	54.00	-4.23	AVG
3	7386.000	51.90	-15.15	36.75	74.00	-37.25	peak
4	9848.000	54.79	-11.39	43.40	74.00	-30.60	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/26
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

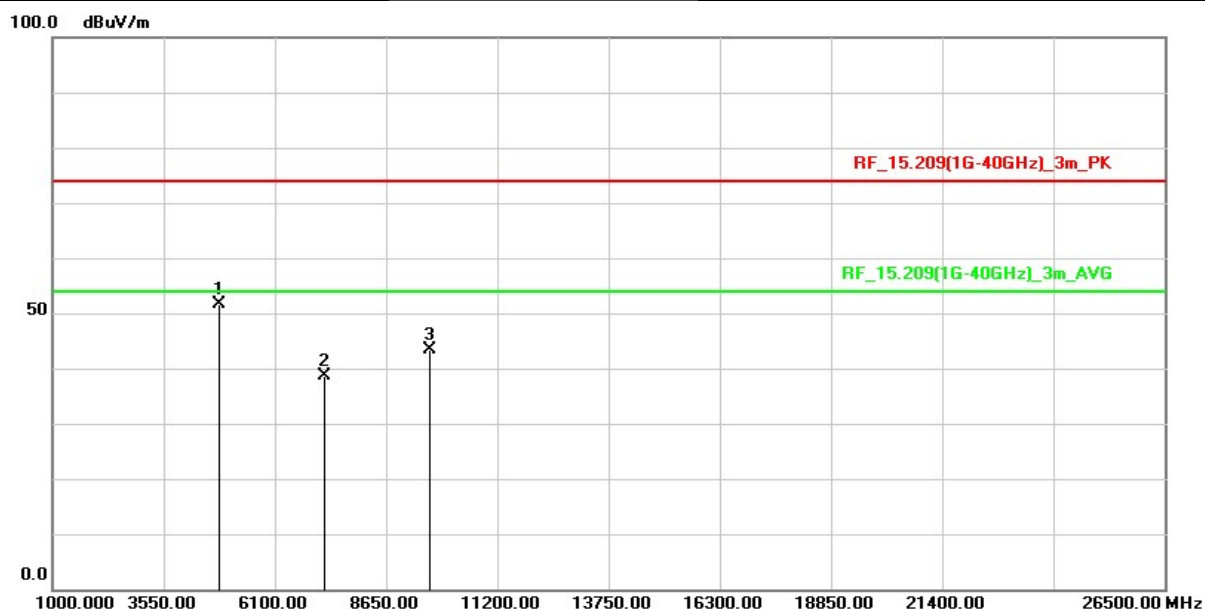


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	76.57	-21.38	55.19	74.00	-18.81	peak
2	4824.000	67.50	-21.38	46.12	54.00	-7.88	AVG
3	7236.000	55.73	-15.65	40.08	74.00	-33.92	peak
4	9648.000	56.41	-11.50	44.91	74.00	-29.09	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/26
Test Channel :	CH01(2412MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %

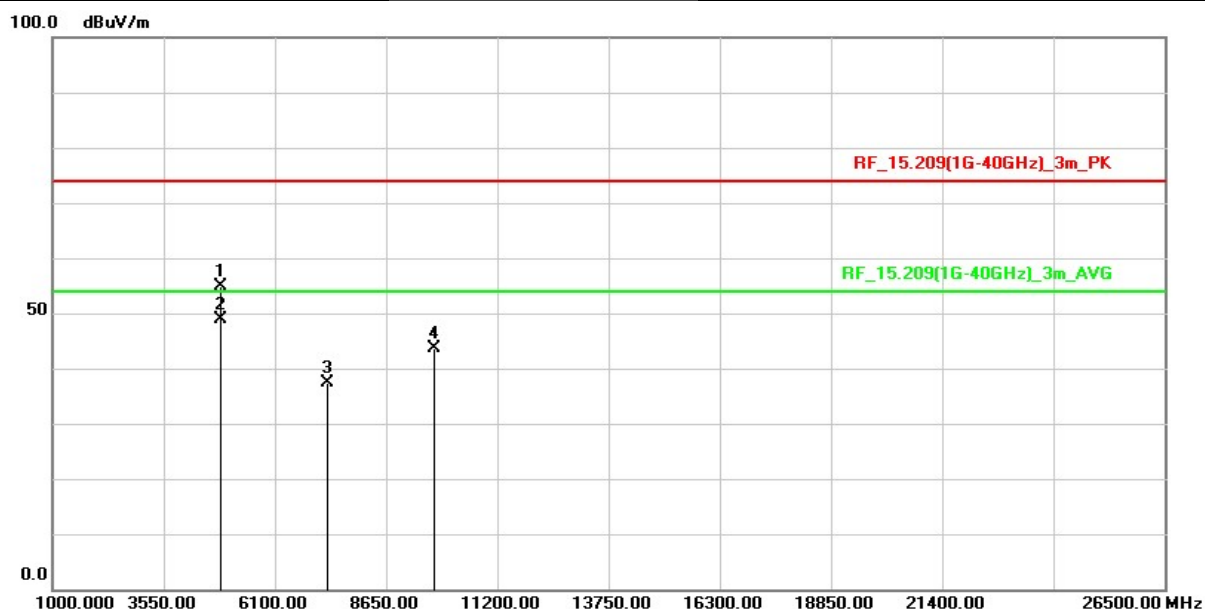


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	73.04	-21.38	51.66	74.00	-22.34	peak
2	7236.000	54.39	-15.65	38.74	74.00	-35.26	peak
3	9648.000	54.90	-11.50	43.40	74.00	-30.60	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/26
Test Channel :	CH06(2437MHz)	Temperature :	22.7 °C
Polarization :	Horizontal	Relative Humidity :	53 %

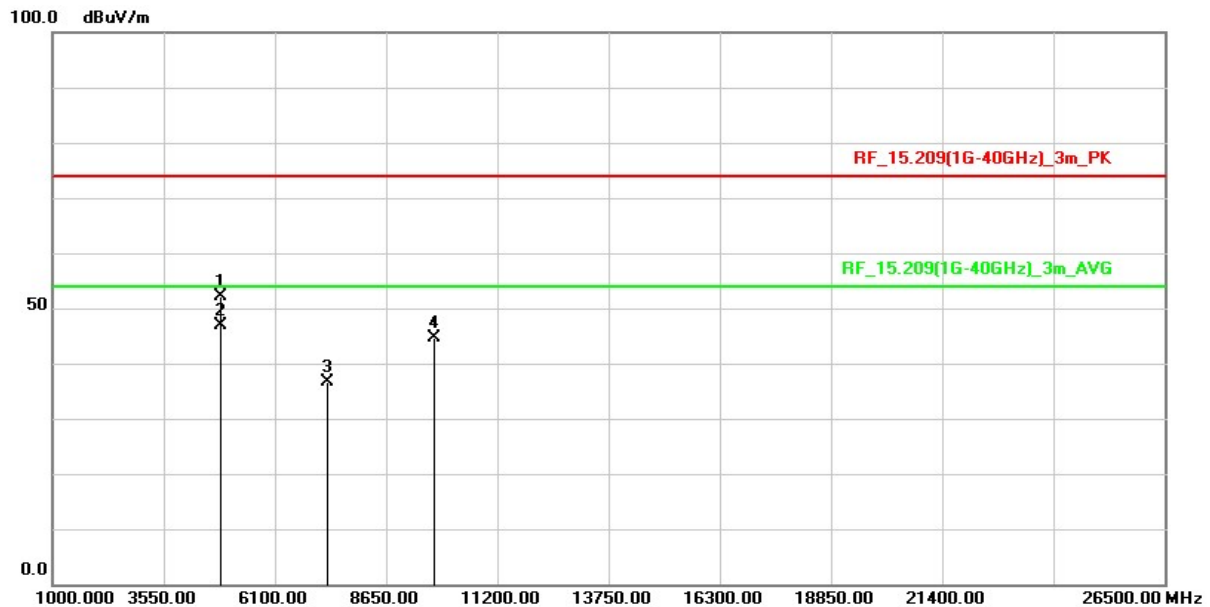


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	76.24	-21.40	54.84	74.00	-19.16	peak
2	4874.000	70.32	-21.40	48.92	54.00	-5.08	AVG
3	7311.000	52.60	-15.25	37.35	74.00	-36.65	peak
4	9748.000	55.06	-11.39	43.67	74.00	-30.33	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit

Test Mode :	Mode 2 : Transmit(802.11g)	Test Date :	2021/01/26
Test Channel :	CH06(2437MHz)	Temperature :	22.7 °C
Polarization :	Vertical	Relative Humidity :	53 %



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	73.52	-21.40	52.12	74.00	-21.88	peak
2	4874.000	68.17	-21.40	46.77	54.00	-7.23	AVG
3	7311.000	51.87	-15.25	36.62	74.00	-37.38	peak
4	9748.000	55.95	-11.39	44.56	74.00	-29.44	peak

Remark :

1. Correction Factor = Antenna factor + Cable loss – Amplifier gain
2. Result Value = Reading Level + Correct Factor
3. Margin Level = Result Value – Limit Value
4. The other emission levels were very low against the limit