

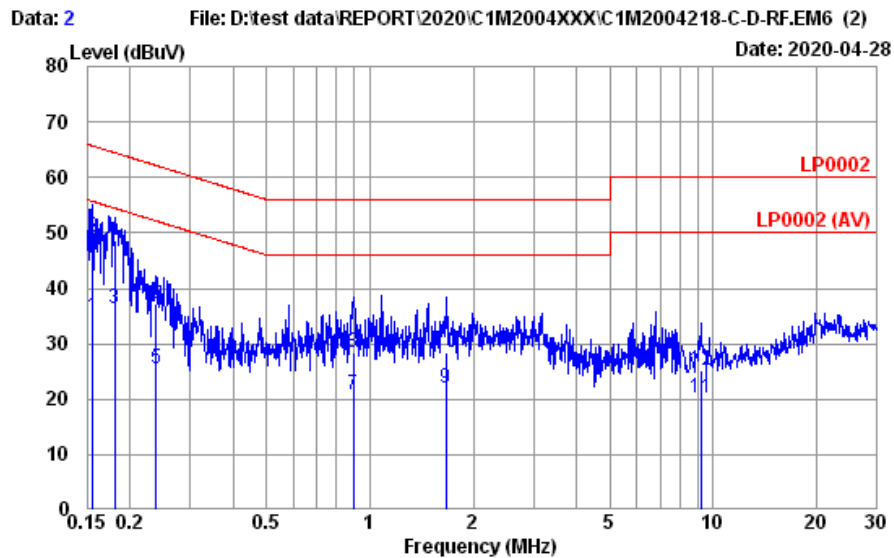
附錄一

受測裝置之測試結果

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1. 電源線傳導干擾之量測

測試日期	2020/04/28	環境溫/濕度	24°C/58%
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)		

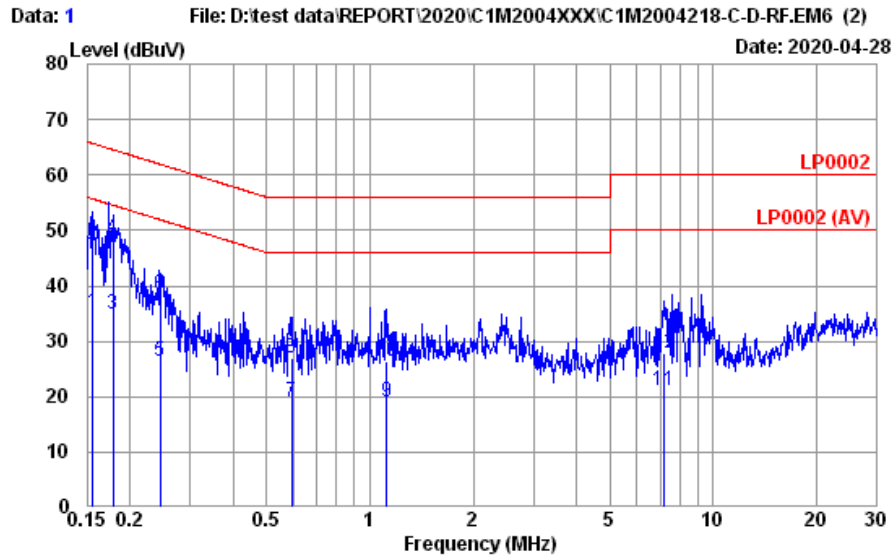


Site No. : No.8 Shielded Room Data No. : 2
Instrument 1 : Receiver ESR(774)
Instrument 2 : ENH4200 (169)(A) | CE-08 | ESH3-Z2 (354)
Limit : LP0002 Phase : NEUTRAL
Environment : 24°C / 58% Engineer : Chucky Chiu
EUT Model : WCT5GM2511 Test Rating : DC 5V
Test Mode : Operating

	Freq. (MHz)	AMF Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.156	10.73	0.04	9.85	14.32	34.94	55.69	20.75	Average
2	0.156	10.73	0.04	9.85	28.61	49.23	65.69	16.46	QP
3	0.181	10.68	0.04	9.85	15.65	36.22	54.46	18.24	Average
4	0.181	10.68	0.04	9.85	28.19	48.76	64.46	15.70	QP
5	0.238	10.62	0.04	9.85	4.96	25.47	52.17	26.70	Average
6	0.238	10.62	0.04	9.85	16.78	37.29	62.17	24.88	QP
7	0.894	10.50	0.05	9.86	0.33	20.74	46.00	25.26	Average
8	0.894	10.50	0.05	9.86	7.92	28.33	56.00	27.67	QP
9	1.662	10.53	0.06	9.86	1.45	21.90	46.00	24.10	Average
10	1.662	10.53	0.06	9.86	8.09	28.54	56.00	27.46	QP
11	9.204	11.36	0.14	9.91	-1.20	20.21	50.00	29.79	Average
12	9.204	11.36	0.14	9.91	3.75	25.16	60.00	34.84	QP

Remarks: 1. Emission Level= AMF Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

測試日期	2020/04/28	環境溫/濕度	23°C/62%
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)		



Site No.	: No.8 Shielded Room	Data No.	: 1
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENH4200 (169)(A) CE-08 ESH3-Z2 (354)		
Limit	: LP0002	Phase	: LINE
Environment	: 24°C / 58%	Engineer	: Chucky Chiu
EUT Model	: WCT5GM2511	Test Rating	: DC 5V
Test Mode	: Operating		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.156	10.67	0.04	9.85	14.54	35.10	55.69	20.59	Average
2	0.156	10.67	0.04	9.85	27.02	47.58	65.69	18.11	QP
3	0.179	10.64	0.04	9.85	14.29	34.82	54.55	19.73	Average
4	0.179	10.64	0.04	9.85	28.17	48.70	64.55	15.85	QP
5	0.246	10.57	0.04	9.85	5.90	26.36	51.91	25.55	Average
6	0.246	10.57	0.04	9.85	17.96	38.42	61.91	23.49	QP
7	0.592	10.48	0.04	9.85	-1.46	18.91	46.00	27.09	Average
8	0.592	10.48	0.04	9.85	6.70	27.07	56.00	28.93	QP
9	1.117	10.48	0.05	9.86	-1.36	19.03	46.00	26.97	Average
10	1.117	10.48	0.05	9.86	5.93	26.32	56.00	29.68	QP
11	7.213	11.00	0.12	9.90	0.21	21.23	50.00	28.77	Average
12	7.213	11.00	0.12	9.90	6.80	27.82	60.00	32.18	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

2. 場強輻射之量測

對受測物裝置之其他不必要之發射(測至本地振盪頻率之 10 次諧波)依下列測試模式分別於電波暗室內進行量測，實驗室先將受測物裝置分別以三種不同的擺設方式(站立、平放、側立)進行量試評估，最後選取最大場強值的擺設方式(平放)以低、中、高頻率來進行量測，並將下列測試模式之測試數據隨案件所附。最後，選擇較差模式進行讀值之測量，所得讀值資料請見章節 2.1 ~2.2：

Wireless LAN 模式

支援 802.11b/g/n，依測試要求評估低、中、高頻率，並檢附三頻率之最差模式於此測試報告中。

模式	動作狀態	基本頻率	量測頻率範圍
802.11b	發射	2437MHz(CH6)	1000-25000MHz
802.11g	發射	2437MHz (CH6)	1000-25000MHz
802.11n-HT20	發射	2437MHz(CH6)*	30-1000MHz
			1000-25000MHz
802.11n-HT40	發射	2437MHz(CH6)	1000-25000MHz
---	接收	2437MHz(CH6)	30-1000MHz
			1000-25000MHz

註.*: 經評估後，以最差頻率進行 30-1000MHz 量測。

BLE 測試模式

【經實驗室評估量測後，以最差之傳輸速率 1M 進行本章節之測試】

模式	動作狀態	基本頻率	量測頻率範圍
BLE	發射	2402MHz(CH37)	1000-25000MHz
	發射	2440MHz (CH17)*	30-1000MHz
			1000-25000MHz
	發射	2480MHz(CH39)	1000-25000MHz
	接收	2440MHz (CH17)	30-1000MHz
			1000-25000MHz

註.*: 經評估後，以最差頻率進行 30-1000MHz 量測。

對受測物裝置落於技術規範第 2.7 章節的禁用頻帶之混附發射以下列測試模式依規定分別進行量測，所得量測資料請見章節 2.3。

模式	動作狀態	基本頻率	量測頻率範圍
802.11b	發射	2412MHz (CH1)	2310-2430MHz
		2462MHz (CH11)	2430-2900MHz
		2467MHz (CH12)	2430-2900MHz
		2472MHz (CH13)	2430-2900MHz
802.11g	發射	2412MHz (CH1)	2310-2430MHz
		2462MHz (CH11)	2430-2900MHz
		2467MHz (CH12)	2430-2900MHz
		2472MHz (CH13)	2430-2900MHz
802.11n-HT20	發射	2412MHz (CH1)	2310-2430MHz
		2462MHz (CH11)	2430-2900MHz
		2467MHz (CH12)	2430-2900MHz
		2472MHz (CH13)	2410-2900MHz
802.11n-HT40	發射	2422MHz (CH3)	2310-2450MHz
		2452MHz (CH9)	2410-2900MHz
		2457MHz (CH10)	2410-2900MHz
		2467MHz (CH11)	2430-2900MHz
BLE (1M)	發射	2402MHz (CH37)	2310-2410MHz
		2480MHz (CH39)	2450-2900MHz
BLE (2M)	發射	2402MHz (CH37)	2310-2430MHz
		2480MHz (CH39)	2430-2900MHz

測試日期	2020/04/27 ~ 30	環境溫/濕度	19 ~ 23°C/55 ~ 62%
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang

2.1. 30-1000MHz 頻率範圍，其他不必要發射量測

● Wireless LAN 模式

Mode	802.11n-HT20	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.850	22.18	1.35	26.52	27.64	24.65	40.00	15.35	Peak
178.410	15.04	3.32	25.94	46.02	38.44	43.50	5.06	Peak
280.260	19.05	4.34	25.73	40.36	38.02	46.00	7.98	Peak
394.720	21.72	5.95	26.50	37.15	38.32	46.00	7.68	Peak
756.530	25.63	7.91	27.45	30.08	36.17	46.00	9.83	Peak
977.690	27.28	9.06	26.90	28.14	37.58	54.00	16.42	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.880	22.55	1.32	26.52	28.00	25.35	40.00	14.65	Peak
179.380	14.95	3.33	25.94	32.37	24.71	43.50	18.79	Peak
399.570	21.82	6.02	26.52	30.85	32.17	46.00	13.83	Peak
793.390	26.04	8.10	27.42	29.75	36.47	46.00	9.53	Peak
873.900	26.65	8.57	27.22	29.38	37.38	46.00	8.62	Peak
989.330	27.34	9.11	26.87	28.57	38.15	54.00	15.85	Peak

Mode	---	Frequency	RX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
35.820	21.56	1.38	26.52	27.80	24.22	40.00	15.78	Peak
176.470	15.19	3.31	25.95	44.96	37.51	43.50	5.99	Peak
275.410	19.00	4.29	25.74	42.15	39.70	46.00	6.30	Peak
402.480	21.88	6.05	26.55	36.66	38.04	46.00	7.96	Peak
821.520	26.27	8.26	27.34	29.12	36.31	46.00	9.69	Peak
999.030	27.40	9.16	26.84	27.83	37.55	54.00	16.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
32.910	22.98	1.29	26.53	27.06	24.80	40.00	15.20	Peak
171.620	15.57	3.27	25.97	32.02	24.89	43.50	18.61	Peak
265.710	18.89	4.19	25.75	33.02	30.35	46.00	15.65	Peak
466.500	22.99	6.62	27.02	30.61	33.20	46.00	12.80	Peak
940.830	27.07	8.90	27.01	28.69	37.65	46.00	8.35	Peak
991.270	27.34	9.12	26.87	27.18	36.77	54.00	17.23	Peak

● BLE 模式

Mode	BLE	Frequency	TX 2440MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
71.710	12.61	2.05	26.41	46.41	34.66	40.00	5.34	Peak
177.440	15.09	3.32	25.94	45.37	37.84	43.50	5.66	Peak
260.860	18.83	4.13	25.76	45.75	42.95	46.00	3.05	Peak
394.720	21.72	5.95	26.50	36.55	37.72	46.00	8.28	Peak
717.730	25.19	7.71	27.49	30.15	35.56	46.00	10.44	Peak
967.020	27.21	9.01	26.92	28.97	38.27	54.00	15.73	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
73.650	12.73	2.08	26.40	42.05	30.46	40.00	9.54	Peak
174.530	15.33	3.29	25.96	32.33	24.99	43.50	18.51	Peak
266.680	18.90	4.20	25.75	32.38	29.73	46.00	16.27	Peak
526.640	23.86	6.96	27.30	30.49	34.01	46.00	11.99	Peak
856.440	26.52	8.46	27.26	28.18	35.90	46.00	10.10	Peak
973.810	27.25	9.04	26.90	28.30	37.69	54.00	16.31	Peak

Mode	---	Frequency	RX 2440MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
71.710	12.61	2.05	26.41	47.45	35.70	40.00	4.30	Peak
276.380	19.01	4.30	25.73	41.77	39.35	46.00	6.65	Peak
402.480	21.88	6.05	26.55	36.84	38.22	46.00	7.78	Peak
480.080	23.20	6.75	27.10	34.72	37.57	46.00	8.43	Peak
833.160	26.35	8.32	27.32	29.28	36.63	46.00	9.37	Peak
986.420	27.32	9.10	26.87	27.13	36.68	54.00	17.32	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
73.650	12.73	2.08	26.40	42.13	30.54	40.00	9.46	Peak
266.680	18.90	4.20	25.75	31.66	29.01	46.00	16.99	Peak
465.530	22.96	6.61	27.02	30.56	33.11	46.00	12.89	Peak
824.430	26.29	8.27	27.34	28.74	35.96	46.00	10.04	Peak
934.040	27.03	8.87	27.04	28.70	37.56	46.00	8.44	Peak
981.570	27.30	9.08	26.90	28.24	37.72	54.00	16.28	Peak

2.2. 1000MHz 以上頻率範圍，其他不必要發射量測

頻率範圍量測至主波發射的 10 倍諧波，其他未列在報告上乃因訊號太小無法量測。

● Wireless LAN 模式

Mode	802.11b	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.000	34.05	10.24	34.46	32.85	42.68	54.00	11.32	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.000	34.05	10.24	34.46	35.71	45.54	54.00	8.46	Peak

Mode	802.11g	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.000	34.05	10.24	34.46	32.15	41.98	54.00	12.02	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.000	34.05	10.24	34.46	36.18	46.01	54.00	7.99	Peak

Mode	802.11n-HT20	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.000	34.05	10.24	34.46	33.92	43.75	54.00	10.25	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.000	34.05	10.24	34.46	35.65	45.48	54.00	8.52	Peak

Mode	802.11n-HT40	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4872.000	34.05	10.24	34.46	34.80	44.63	54.00	9.37	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4872.000	34.05	10.24	34.46	34.74	44.57	54.00	9.43	Peak

Mode	---	Frequency	RX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
1569.000	28.36	7.47	34.69	42.81	43.95	54.00	10.05	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
1782.000	31.07	7.85	34.58	36.93	41.27	54.00	12.73	Peak

● BLE 模式

Mode	BLE	Frequency	TX 2402MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4804.000	34.10	10.22	34.47	36.58	46.43	54.00	7.57	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4804.000	34.10	10.22	34.47	34.03	43.88	54.00	10.12	Peak

Mode	BLE	Frequency	TX 2440MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4882.000	34.03	10.24	34.45	32.07	41.89	54.00	12.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4882.000	34.03	10.24	34.45	30.54	40.36	54.00	13.64	Peak

Mode	BLE	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.27	34.44	30.36	40.29	54.00	13.71	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.27	34.44	30.87	40.80	54.00	13.20	Peak

Mode	---	Frequency	RX2440MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
1543.000	28.37	7.44	34.71	43.16	44.26	54.00	9.74	Peak

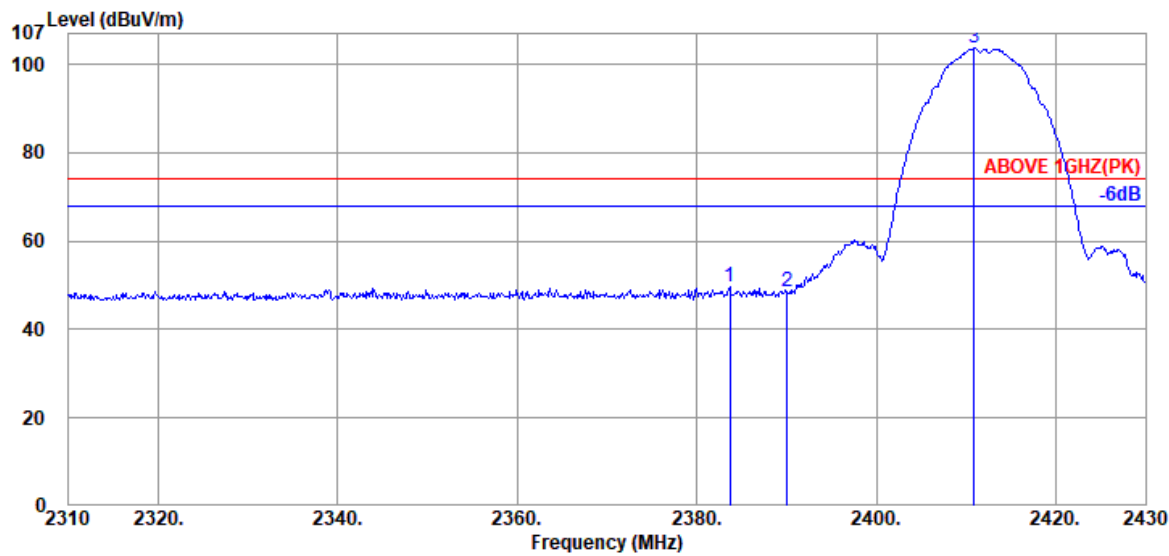
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
1643.000	28.66	7.62	34.65	43.43	45.06	54.00	8.94	Peak

2.3. 禁用頻帶量測結果 (其他不必要發射)

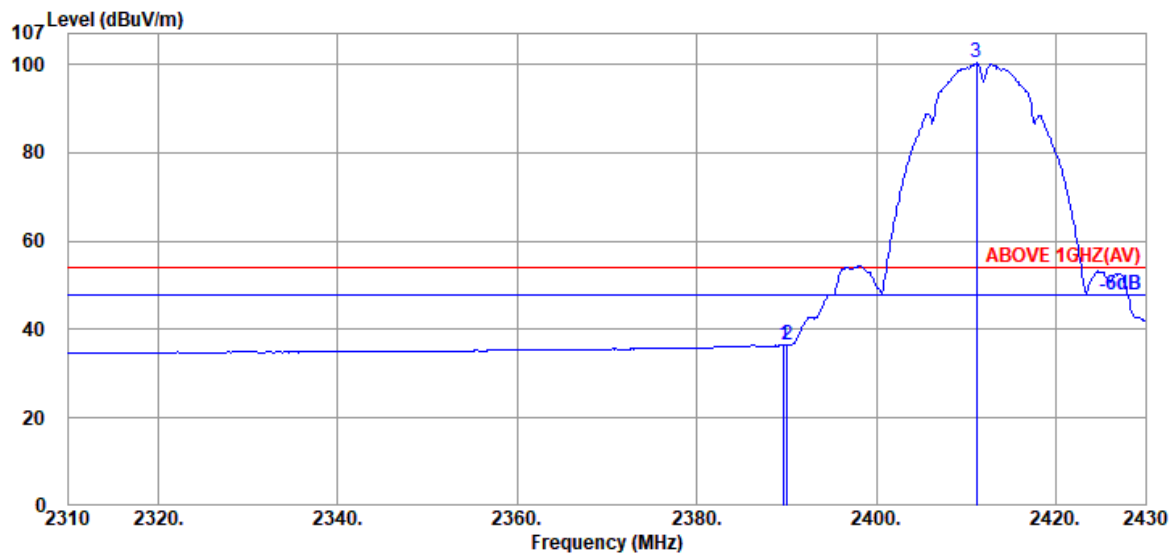
● Wireless LAN 模式

Mode	802.11b	Frequency	TX 2412MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2383.68	32.44	8.51	34.58	43.14	49.51	74.00	24.49	Peak
2390.04	32.44	8.52	34.58	42.16	48.54	74.00	25.46	Peak
@ 2410.92	32.43	8.53	34.59	97.22	103.59	---	---	Peak

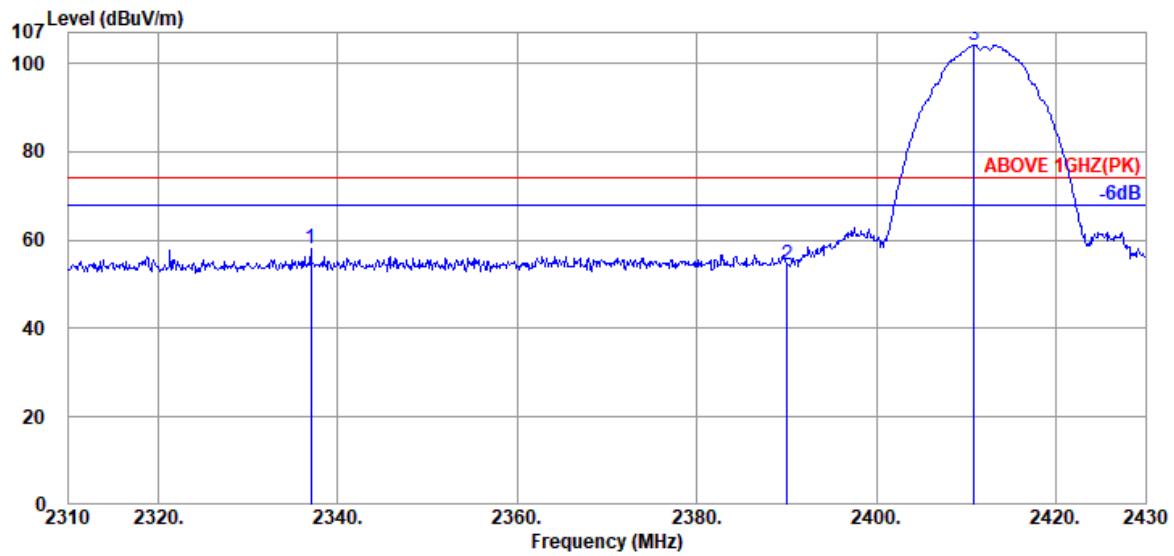


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.44	8.52	34.58	30.17	36.55	54.00	17.45	Average
2390.04	32.44	8.52	34.58	30.16	36.54	54.00	17.46	Average
@ 2411.16	32.43	8.53	34.59	93.89	100.26	---	---	Average

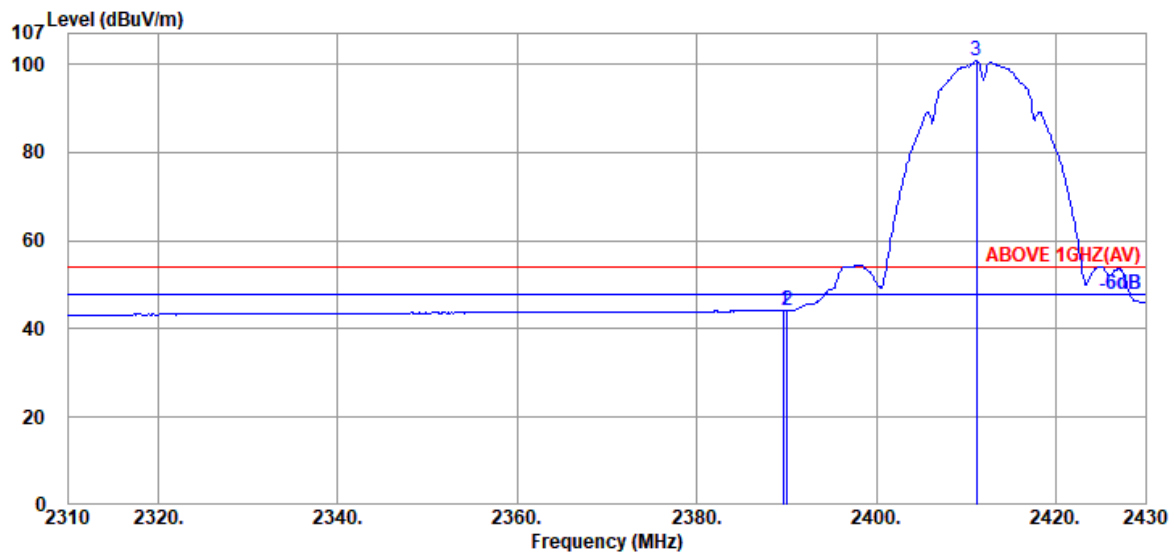
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2412MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2337.00	32.17	8.48	34.57	51.82	57.90	74.00	16.10	Peak
2390.04	32.44	8.52	34.58	48.13	54.51	74.00	19.49	Peak
@ 2410.92	32.43	8.53	34.59	97.63	104.00	---	---	Peak

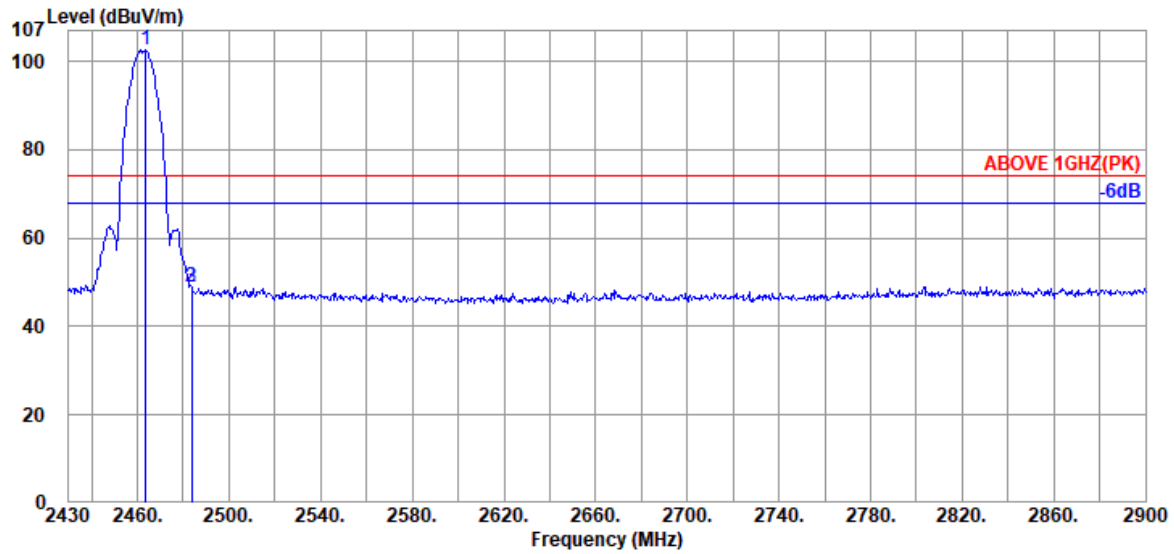


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.44	8.52	34.58	37.76	44.14	54.00	9.86	Average
2390.04	32.44	8.52	34.58	37.75	44.13	54.00	9.87	Average
@ 2411.16	32.43	8.53	34.59	94.32	100.69	---	---	Average

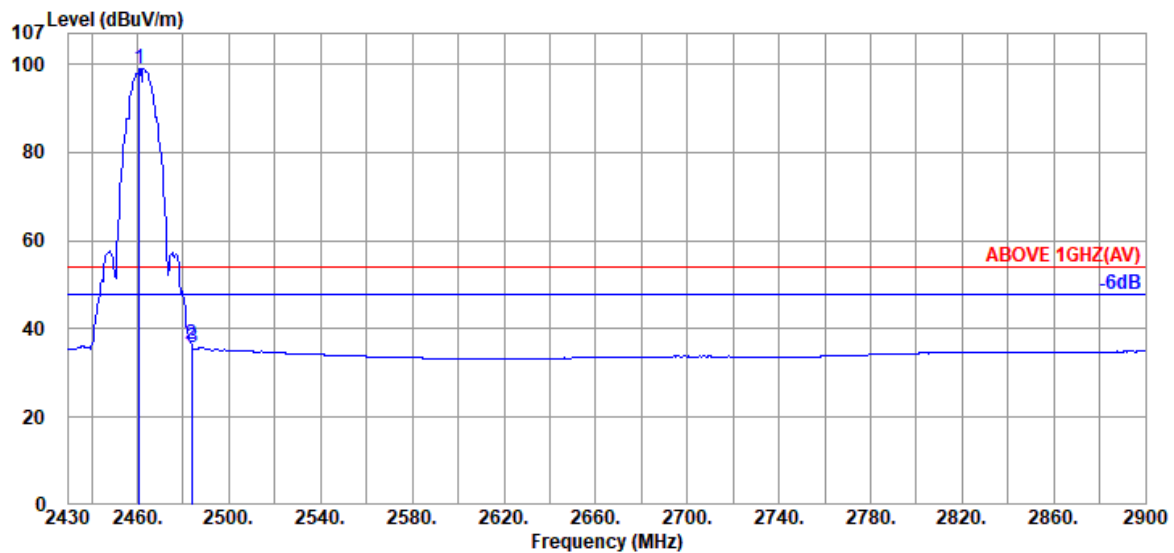
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.84	32.06	8.57	34.60	96.58	102.61	---	---	Peak
2483.58	32.14	8.58	34.61	42.84	48.95	74.00	25.05	Peak
2483.58	32.14	8.58	34.61	42.84	48.95	74.00	25.05	Peak

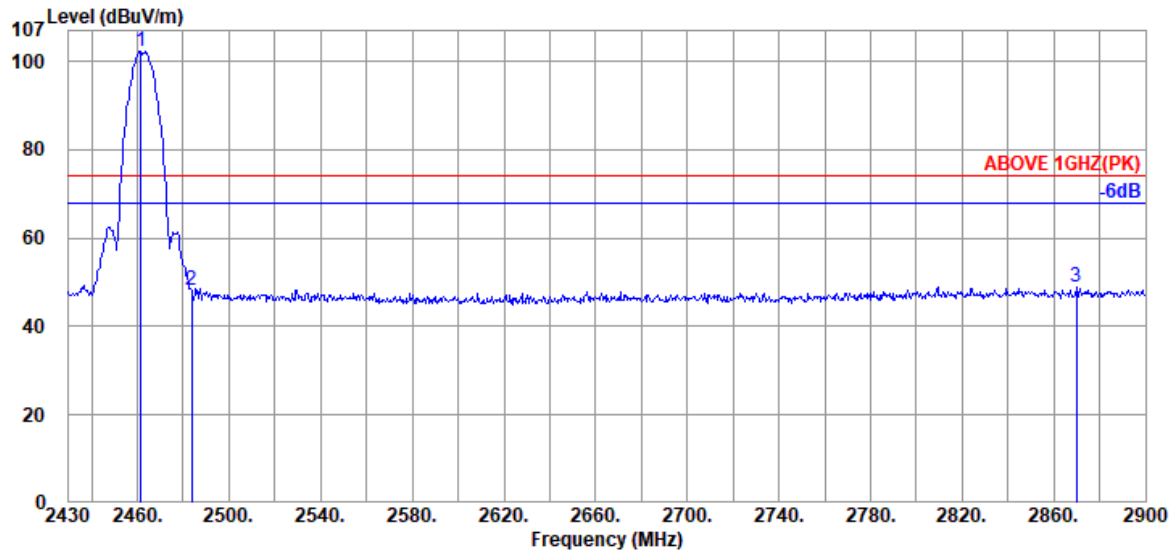


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.06	8.57	34.60	93.05	99.08	---	---	Average
2483.58	32.14	8.58	34.61	30.38	36.49	54.00	17.51	Average
2484.05	32.14	8.58	34.61	29.50	35.61	54.00	18.39	Average

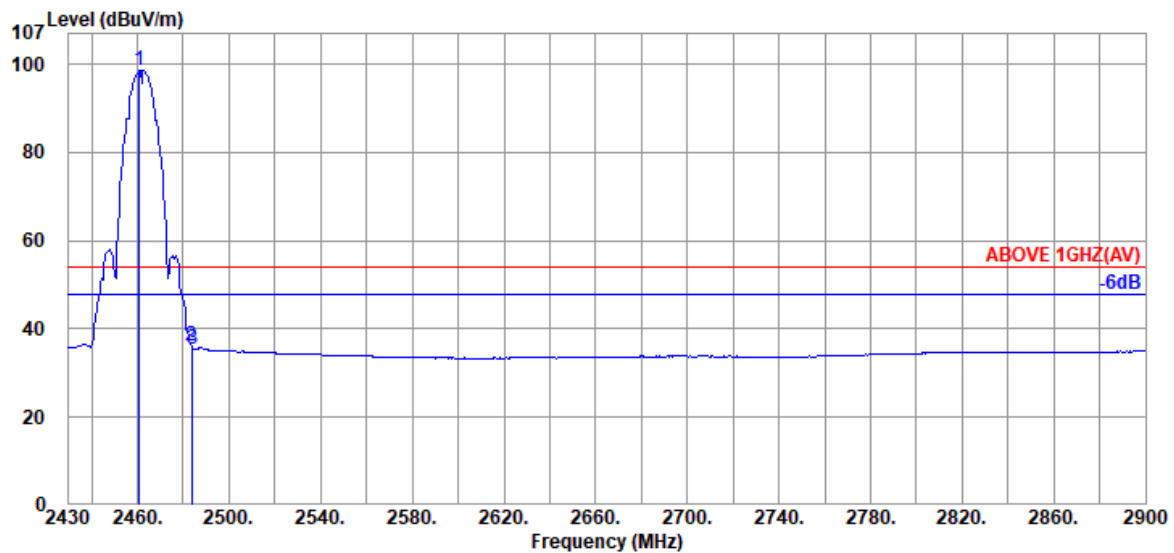
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2462MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.49	32.06	8.57	34.60	96.13	102.16	---	---	Peak
2483.58	32.14	8.58	34.61	42.08	48.19	74.00	25.81	Peak
2869.92	32.95	8.68	34.68	41.94	48.89	74.00	25.11	Peak

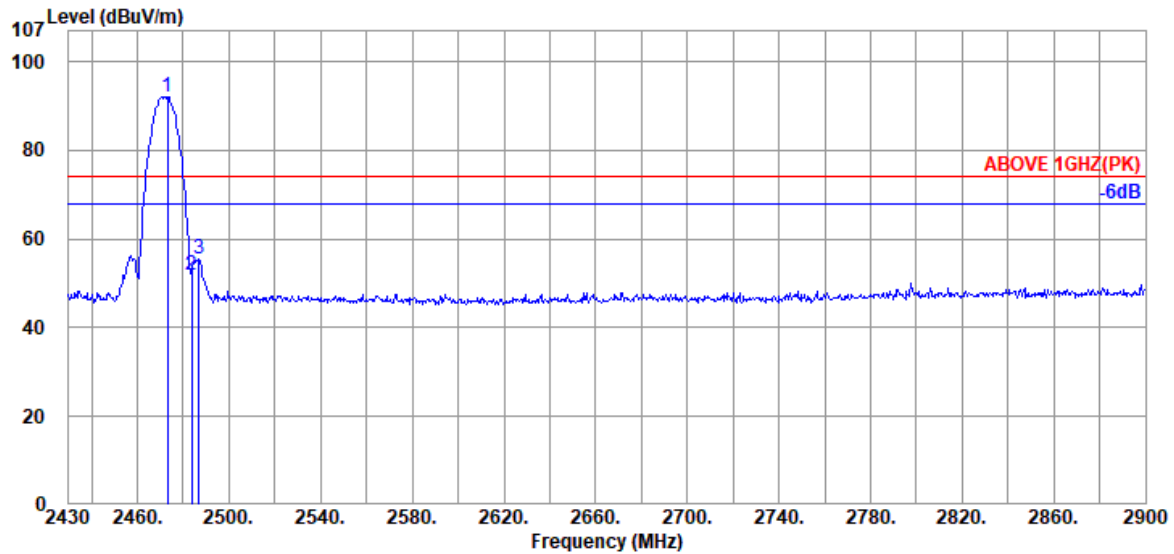


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.06	8.57	34.60	92.70	98.73	---	---	Average
2483.58	32.14	8.58	34.61	30.19	36.30	54.00	17.70	Average
2484.05	32.14	8.58	34.61	29.46	35.57	54.00	18.43	Average

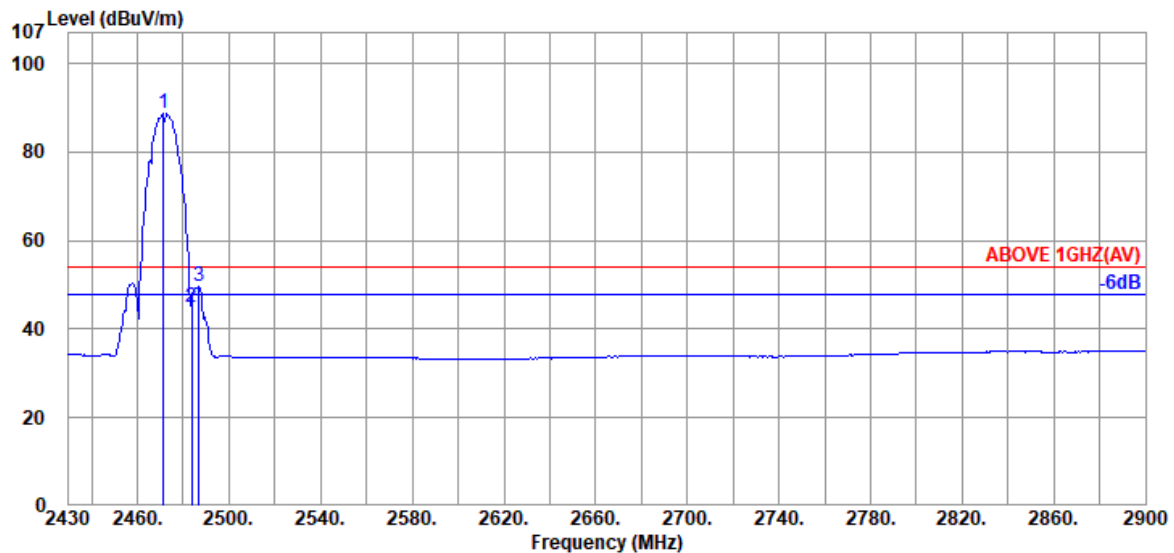
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2467MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2473.24	32.09	8.58	34.60	86.12	92.19	---	---	Peak
	2483.58	32.14	8.58	34.61	45.65	51.76	74.00	22.24	Peak
	2486.87	32.14	8.58	34.61	49.43	55.54	74.00	18.46	Peak

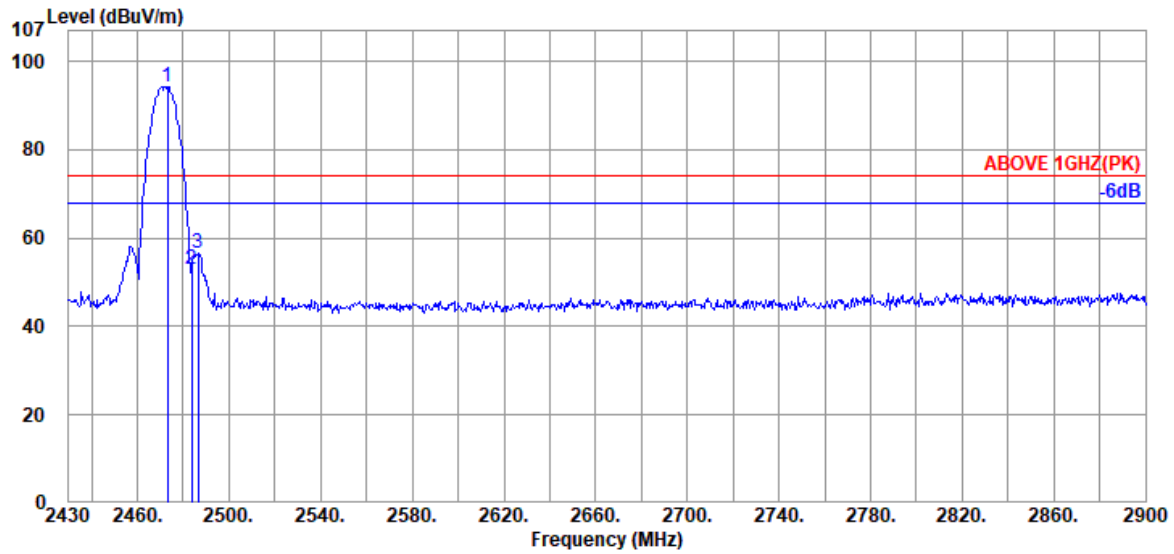


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2471.36	32.09	8.58	34.60	82.71	88.78	---	---	Average
	2483.58	32.14	8.58	34.61	38.86	44.97	54.00	9.03	Average
	2486.87	32.14	8.58	34.61	43.72	49.83	54.00	4.17	Average

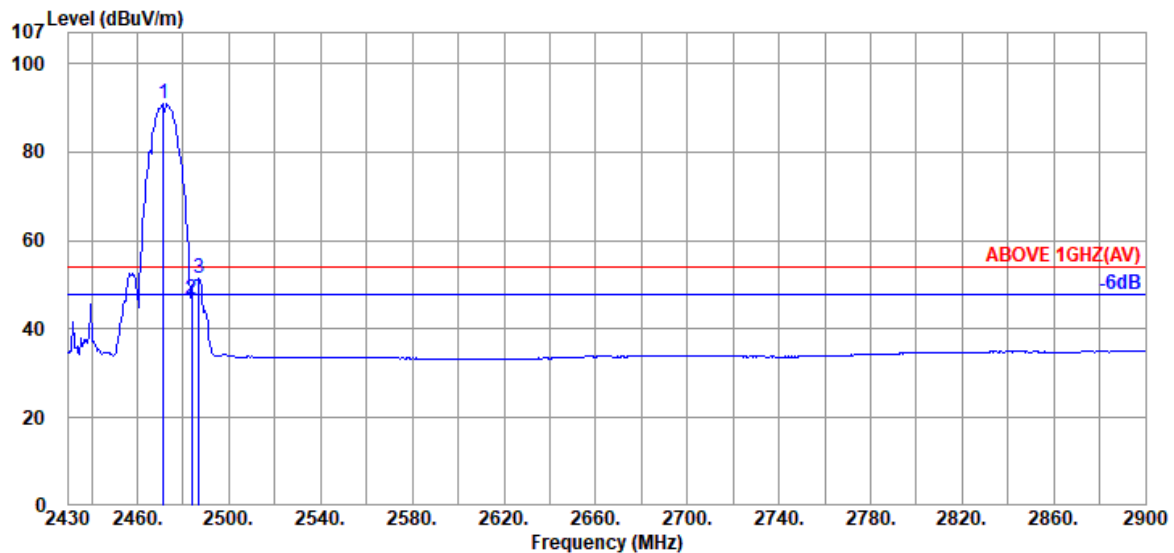
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2467MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2473.24	32.09	8.58	34.60	88.31	94.38	---	---	Peak
2483.58	32.14	8.58	34.61	46.78	52.89	74.00	21.11	Peak
2486.40	32.14	8.58	34.61	50.57	56.68	74.00	17.32	Peak

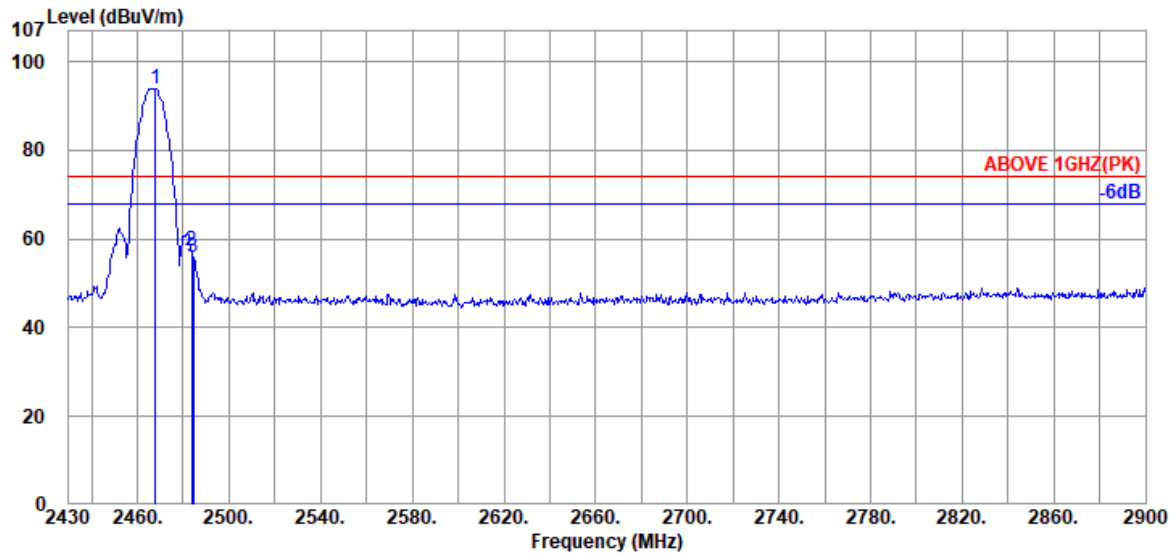


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2471.36	32.09	8.58	34.60	84.87	90.94	---	---	Average
2483.58	32.14	8.58	34.61	40.60	46.71	54.00	7.29	Average
2486.87	32.14	8.58	34.61	45.43	51.54	54.00	2.46	Average

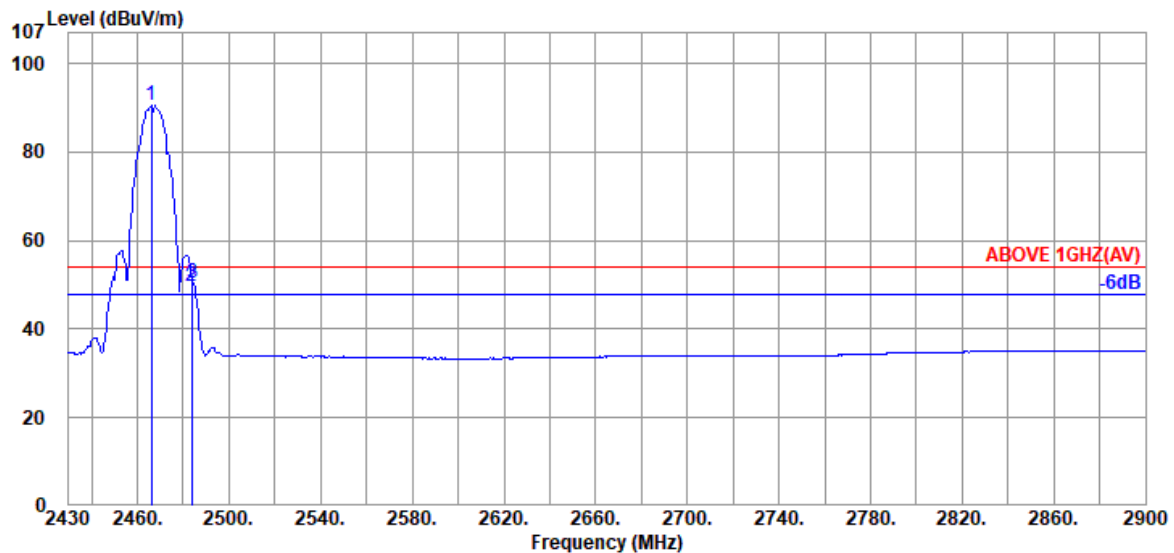
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2472MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.07	32.09	8.57	34.60	87.92	93.98	---	---	Peak
2483.58	32.14	8.58	34.61	51.31	57.42	74.00	16.58	Peak
2484.52	32.14	8.58	34.61	49.67	55.78	74.00	18.22	Peak

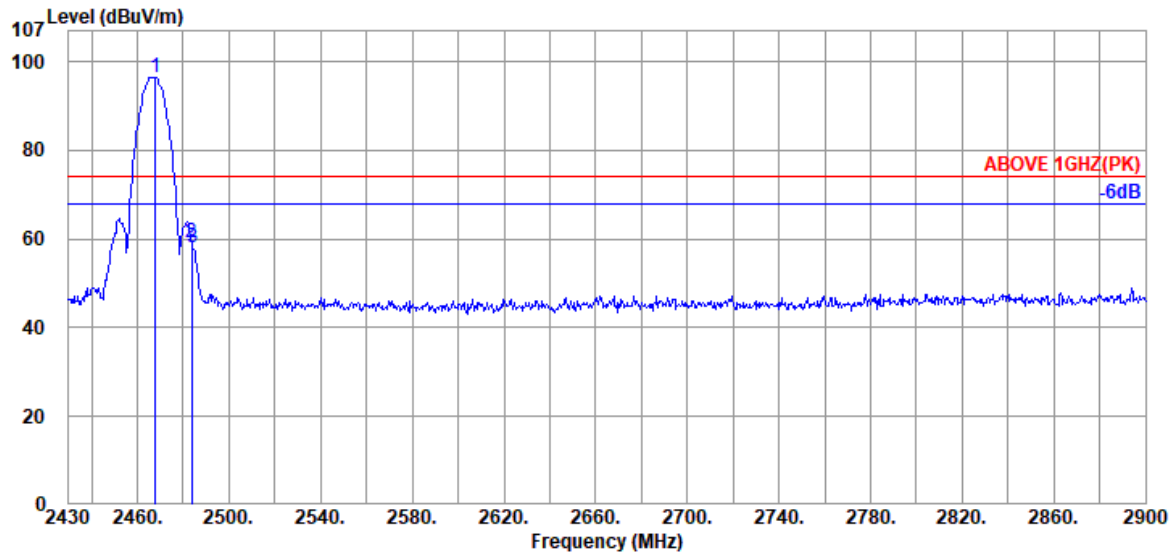


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.19	32.06	8.57	34.60	84.66	90.69	---	---	Average
2483.58	32.14	8.58	34.61	43.71	49.82	54.00	4.18	Average
2484.05	32.14	8.58	34.61	44.46	50.57	54.00	3.43	Average

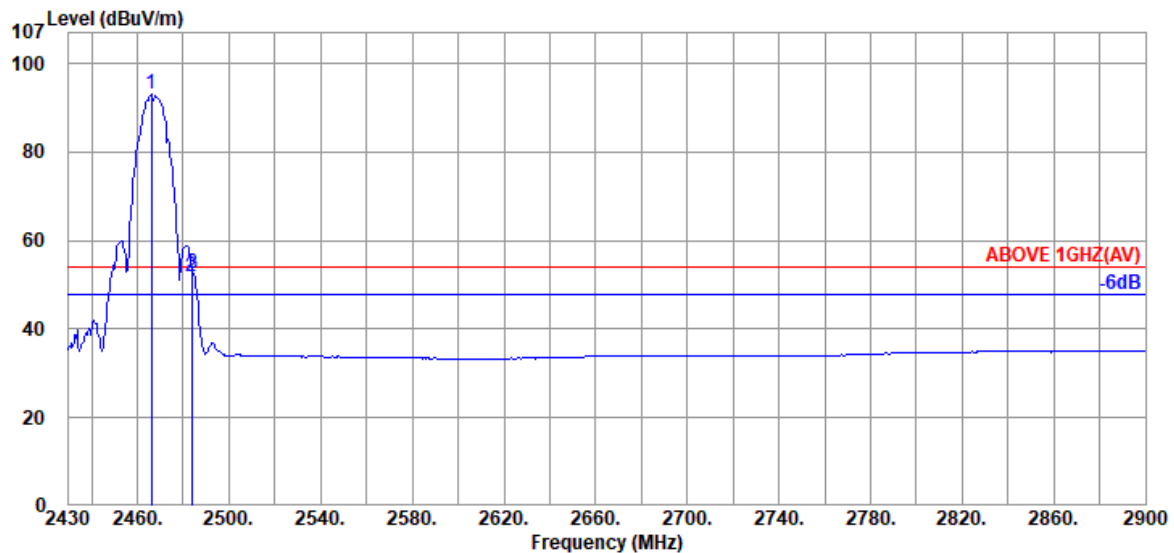
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2472MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.07	32.09	8.57	34.60	90.50	96.56	---	---	Peak
2483.58	32.14	8.58	34.61	53.13	59.24	74.00	14.76	Peak
2484.05	32.14	8.58	34.61	51.80	57.91	74.00	16.09	Peak

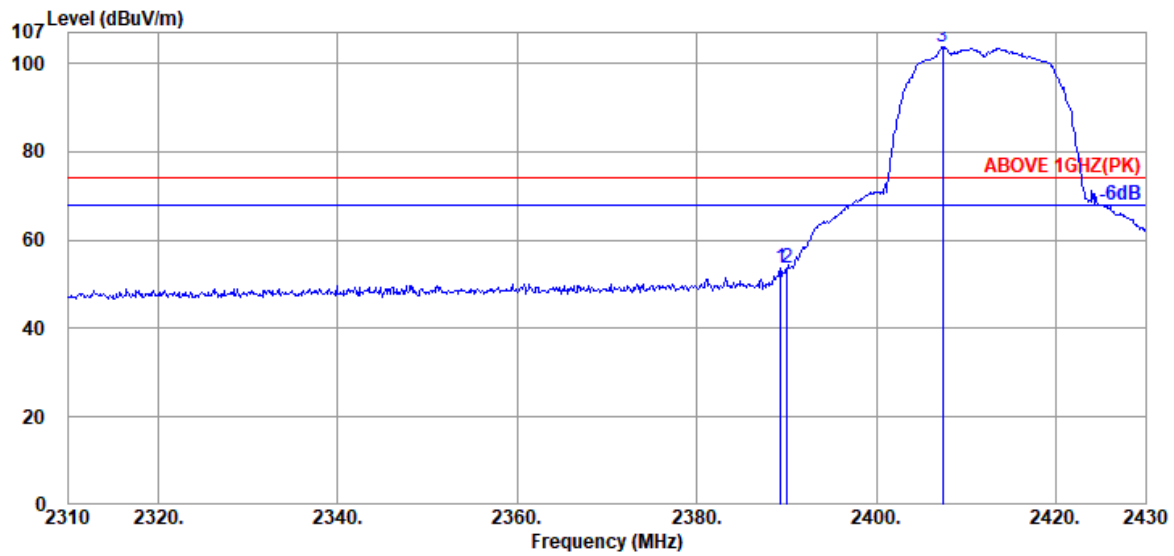


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.19	32.06	8.57	34.60	87.01	93.04	---	---	Average
2483.58	32.14	8.58	34.61	45.79	51.90	54.00	2.10	Average
2484.05	32.14	8.58	34.61	46.47	52.58	54.00	1.42	Average

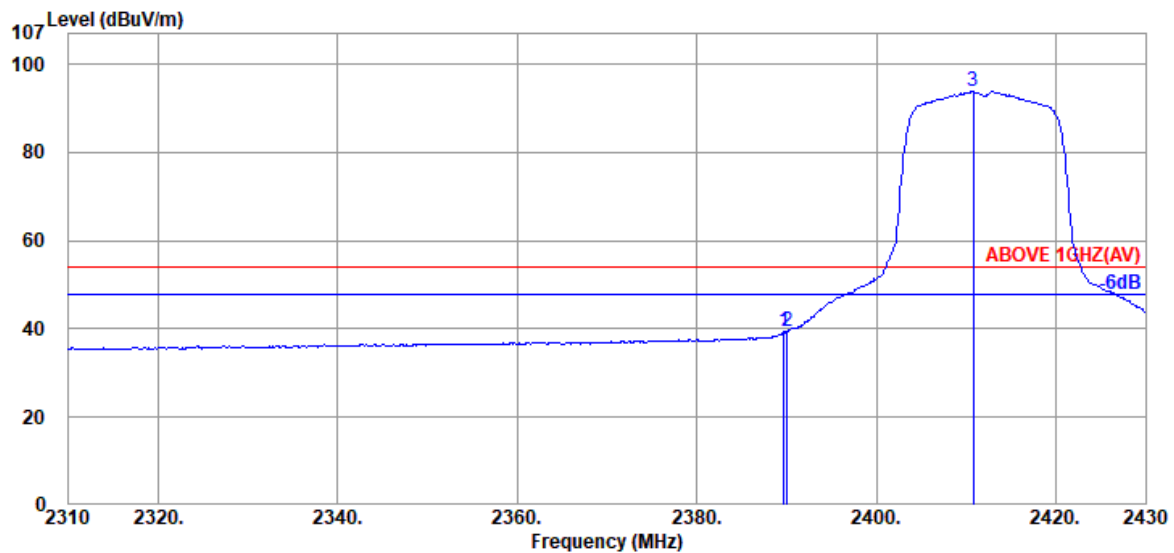
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2412MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.32	32.44	8.52	34.58	47.42	53.80	74.00	20.20	Peak
2390.04	32.44	8.52	34.58	47.21	53.59	74.00	20.41	Peak
@ 2407.44	32.43	8.53	34.59	97.21	103.58	---	---	Peak

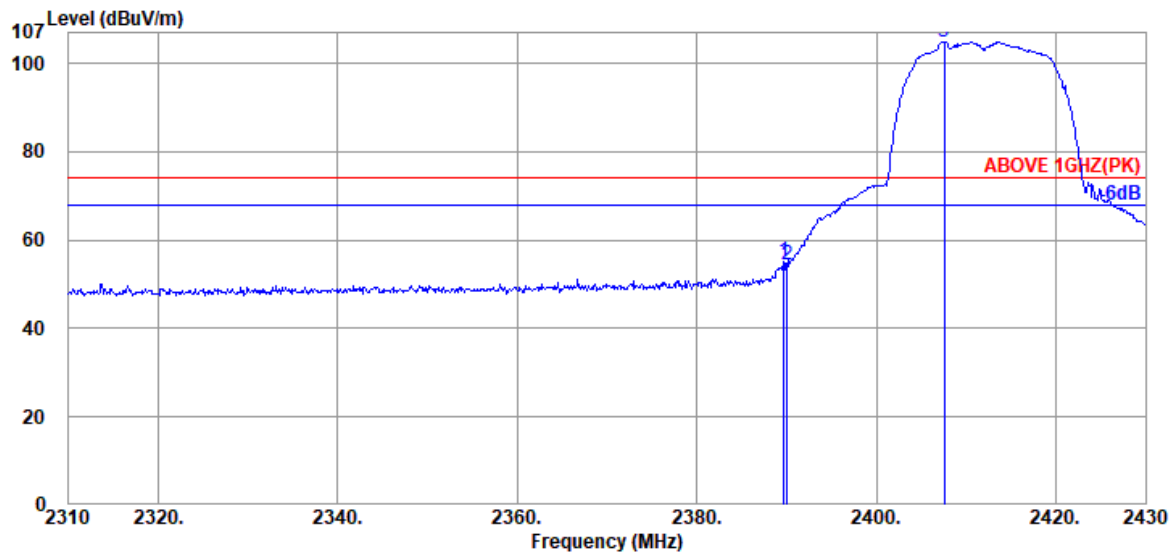


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.44	8.52	34.58	32.90	39.28	54.00	14.72	Average
2390.04	32.44	8.52	34.58	33.14	39.52	54.00	14.48	Average
@ 2410.80	32.43	8.53	34.59	87.50	93.87	---	---	Average

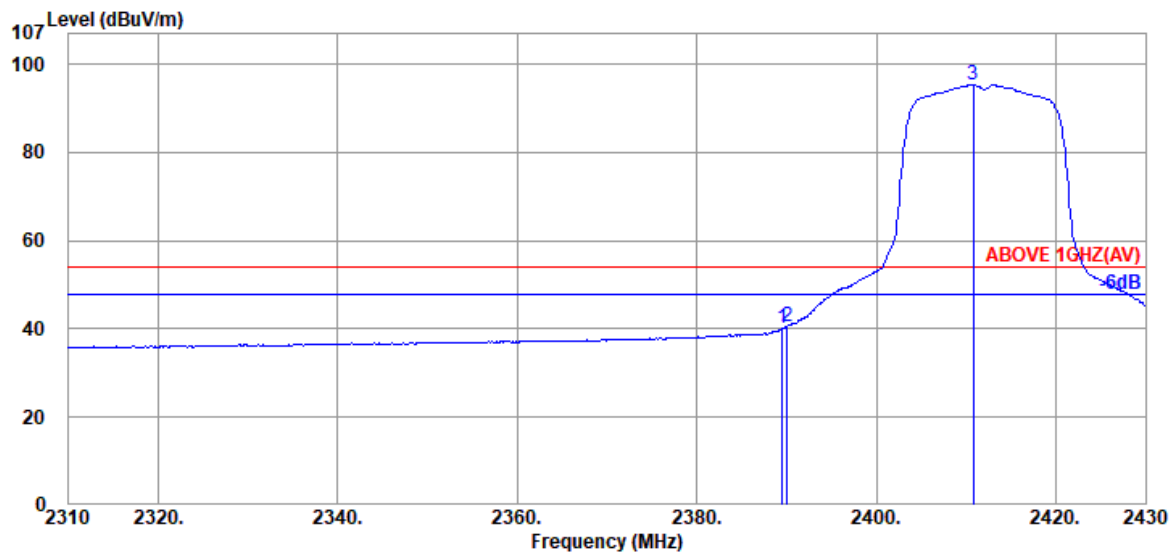
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2412MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.44	8.52	34.58	48.63	55.01	74.00	18.99	Peak
2390.04	32.44	8.52	34.58	47.96	54.34	74.00	19.66	Peak
@ 2407.56	32.43	8.53	34.59	98.62	104.99	---	---	Peak

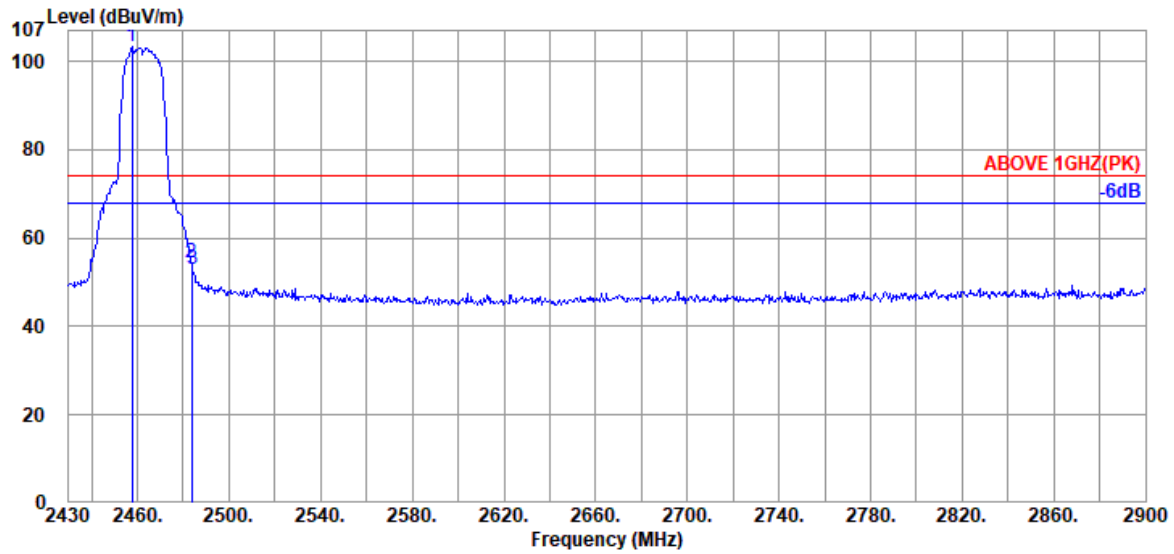


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.56	32.44	8.52	34.58	33.78	40.16	54.00	13.84	Average
2390.04	32.44	8.52	34.58	34.24	40.62	54.00	13.38	Average
@ 2410.80	32.43	8.53	34.59	88.98	95.35	---	---	Average

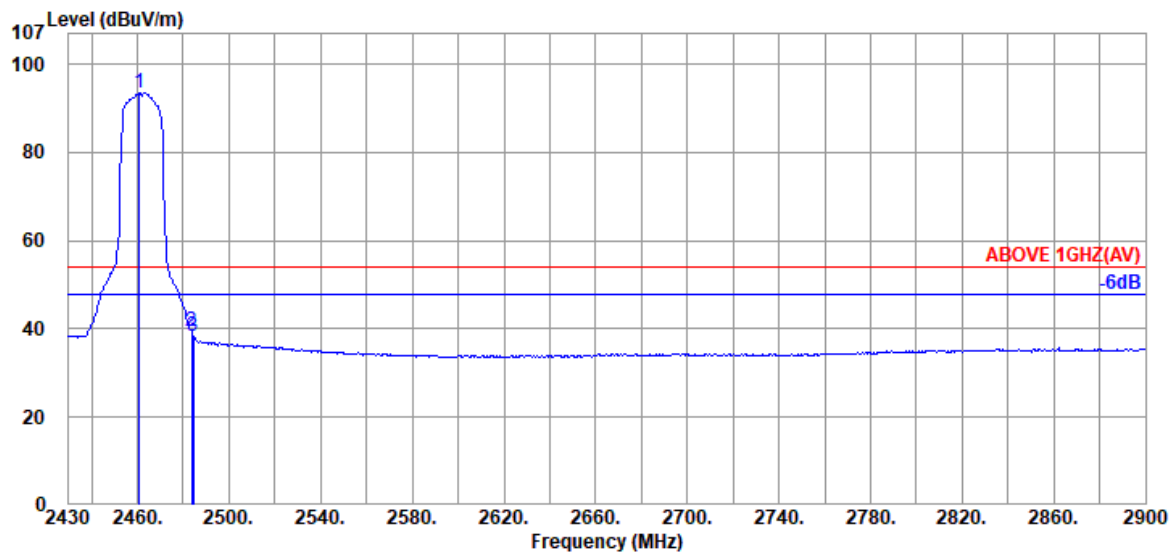
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2457.73	32.03	8.57	34.60	97.44	103.44	---	---	Peak
2483.58	32.14	8.58	34.61	48.48	54.59	74.00	19.41	Peak
2484.05	32.14	8.58	34.61	46.89	53.00	74.00	21.00	Peak

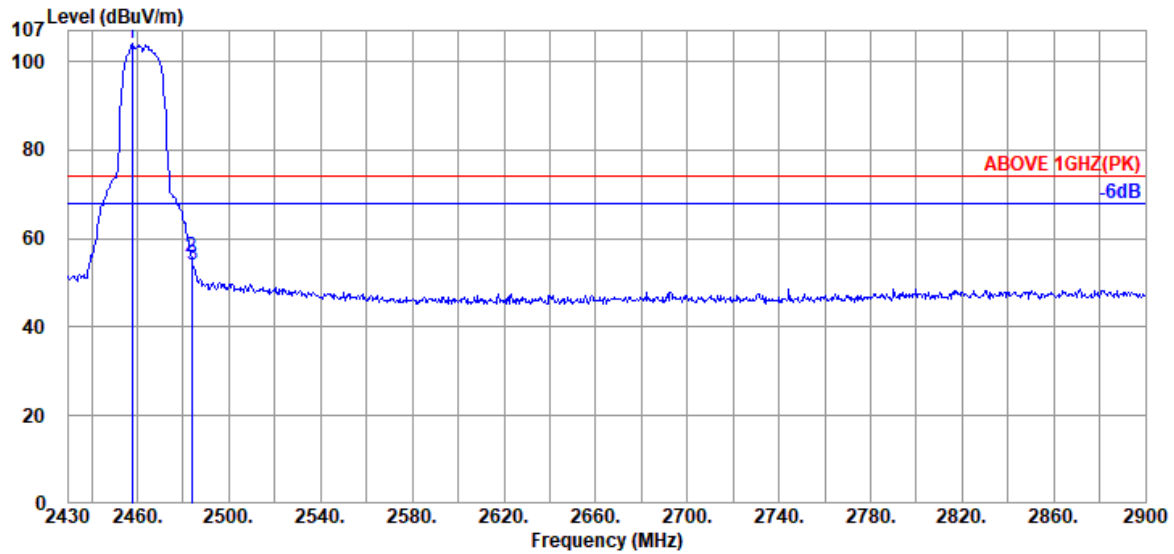


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.06	8.57	34.60	87.61	93.64	---	---	Average
2483.58	32.14	8.58	34.61	33.20	39.31	54.00	14.69	Average
2484.52	32.14	8.58	34.61	32.28	38.39	54.00	15.61	Average

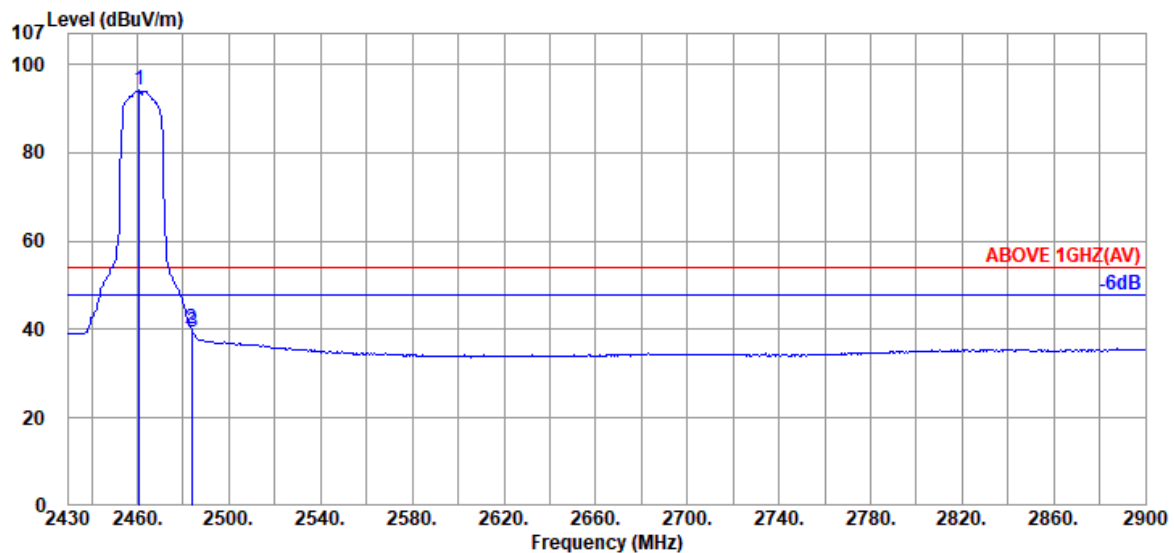
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2462MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2457.73	32.03	8.57	34.60	98.21	104.21	---	---	Peak
2483.58	32.14	8.58	34.61	49.91	56.02	74.00	17.98	Peak
2484.05	32.14	8.58	34.61	48.02	54.13	74.00	19.87	Peak

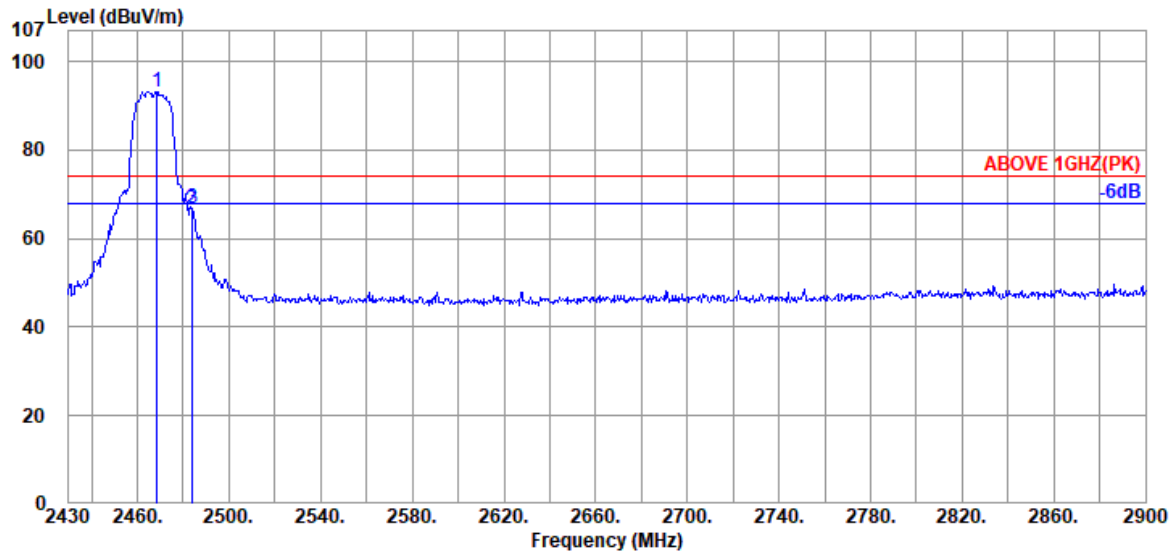


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.06	8.57	34.60	88.05	94.08	---	---	Average
2483.58	32.14	8.58	34.61	34.03	40.14	54.00	13.86	Average
2484.05	32.14	8.58	34.61	33.32	39.43	54.00	14.57	Average

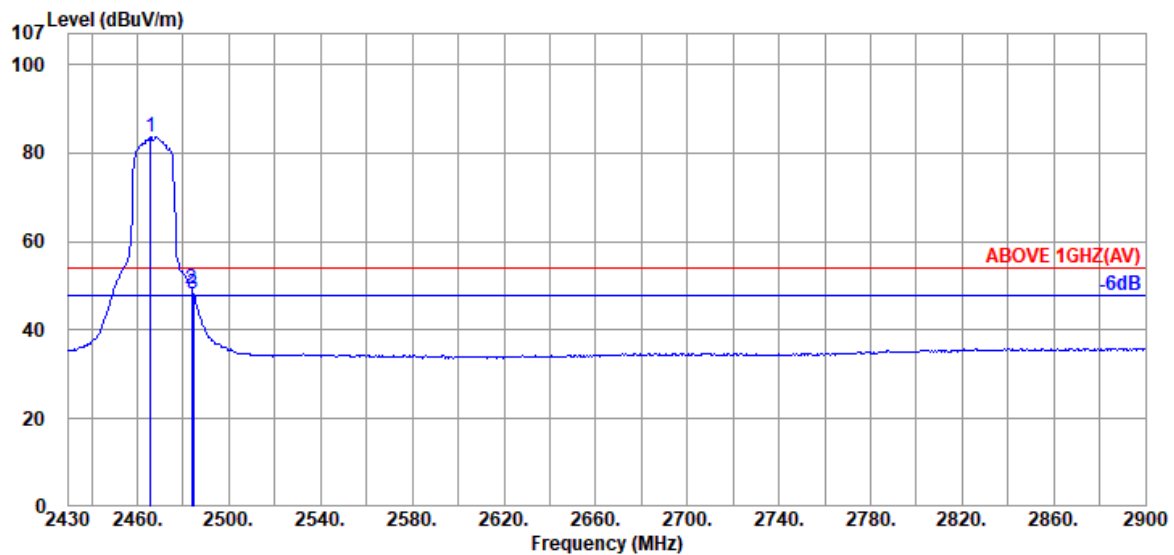
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2467MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.54	32.09	8.57	34.60	87.23	93.29	---	---	Peak
2483.58	32.14	8.58	34.61	60.53	66.64	74.00	7.36	Peak
2484.05	32.14	8.58	34.61	60.55	66.66	74.00	7.34	Peak

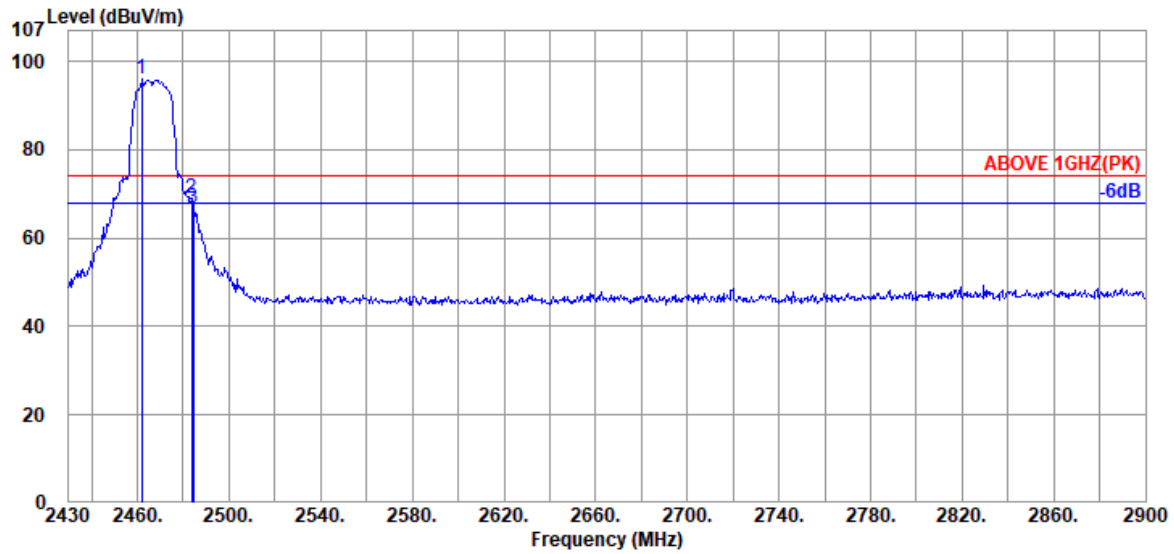


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.72	32.06	8.57	34.60	77.78	83.81	---	---	Average
2483.58	32.14	8.58	34.61	43.20	49.31	54.00	4.69	Average
2484.52	32.14	8.58	34.61	42.02	48.13	54.00	5.87	Average

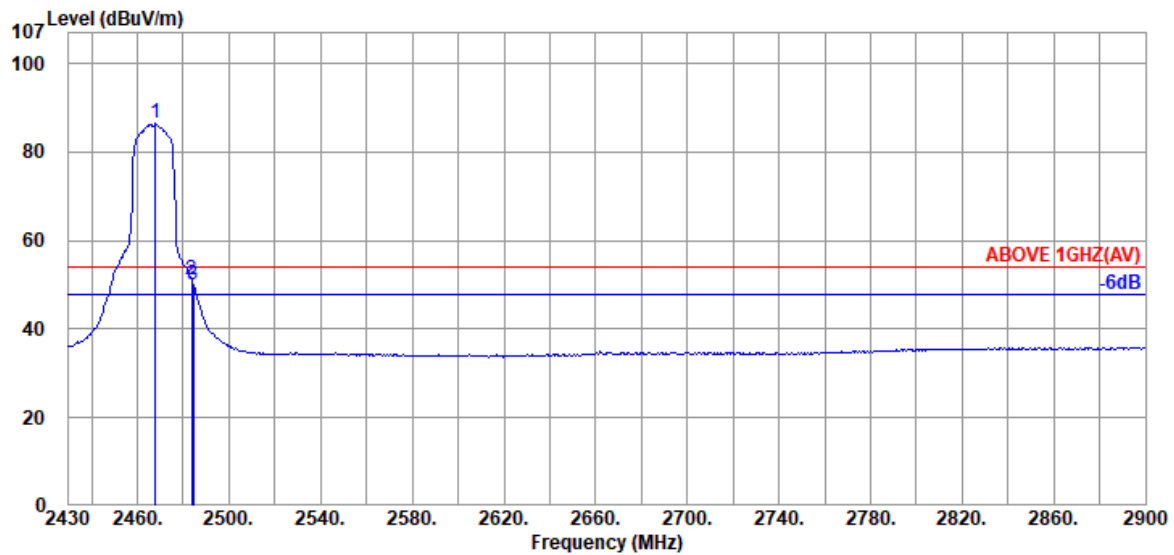
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2467MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.96	32.06	8.57	34.60	89.87	95.90	---	---	Peak
2483.58	32.14	8.58	34.61	62.94	69.05	74.00	4.95	Peak
2484.52	32.14	8.58	34.61	60.86	66.97	74.00	7.03	Peak

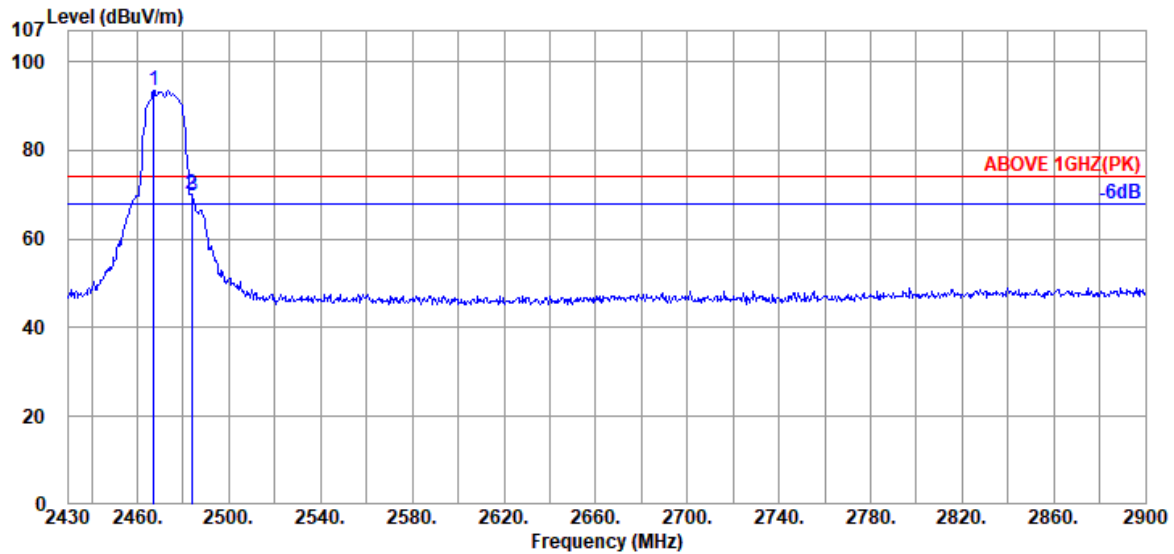


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.07	32.09	8.57	34.60	80.37	86.43	---	---	Average
2483.58	32.14	8.58	34.61	45.01	51.12	54.00	2.88	Average
2484.52	32.14	8.58	34.61	43.94	50.05	54.00	3.95	Average

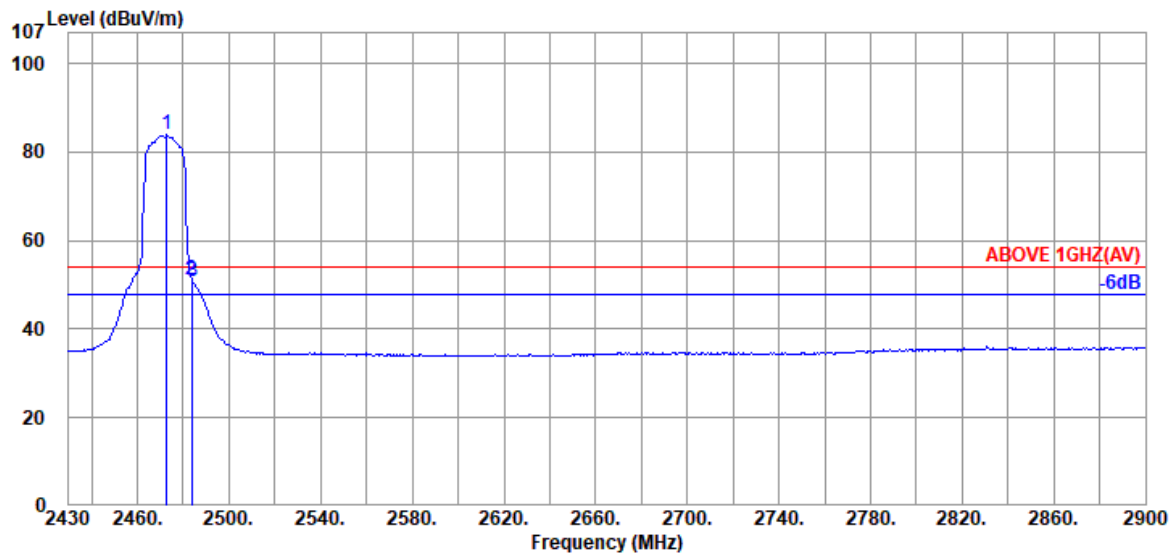
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2472MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2467.13	32.06	8.57	34.60	87.53	93.56	---	---	Peak
2483.58	32.14	8.58	34.61	64.03	70.14	74.00	3.86	Peak
2484.05	32.14	8.58	34.61	63.50	69.61	74.00	4.39	Peak

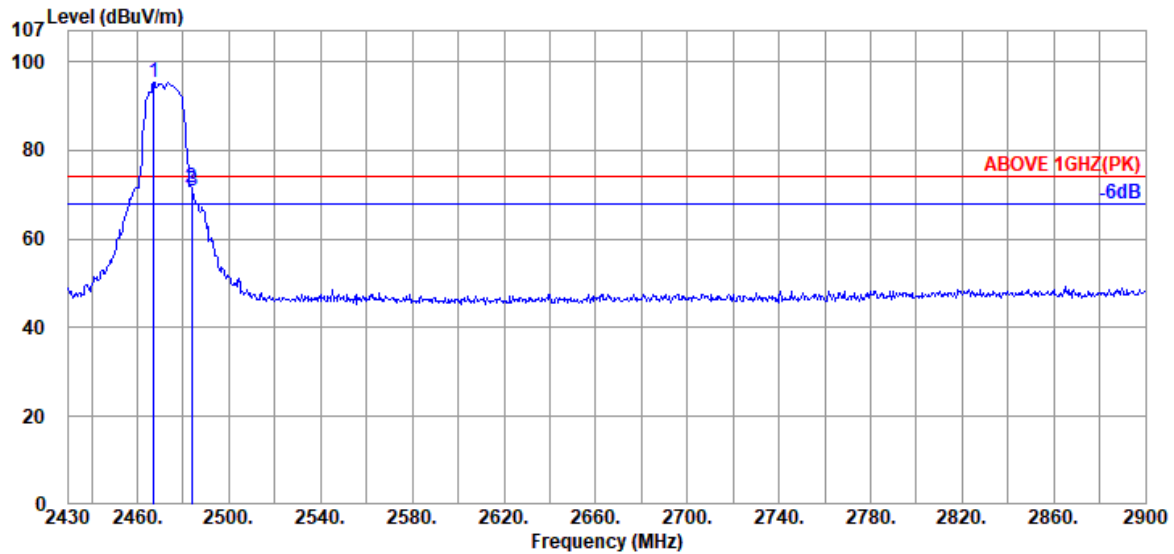


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.77	32.09	8.58	34.60	77.79	83.86	---	---	Average
2483.58	32.14	8.58	34.61	44.89	51.00	54.00	3.00	Average
2484.05	32.14	8.58	34.61	44.62	50.73	54.00	3.27	Average

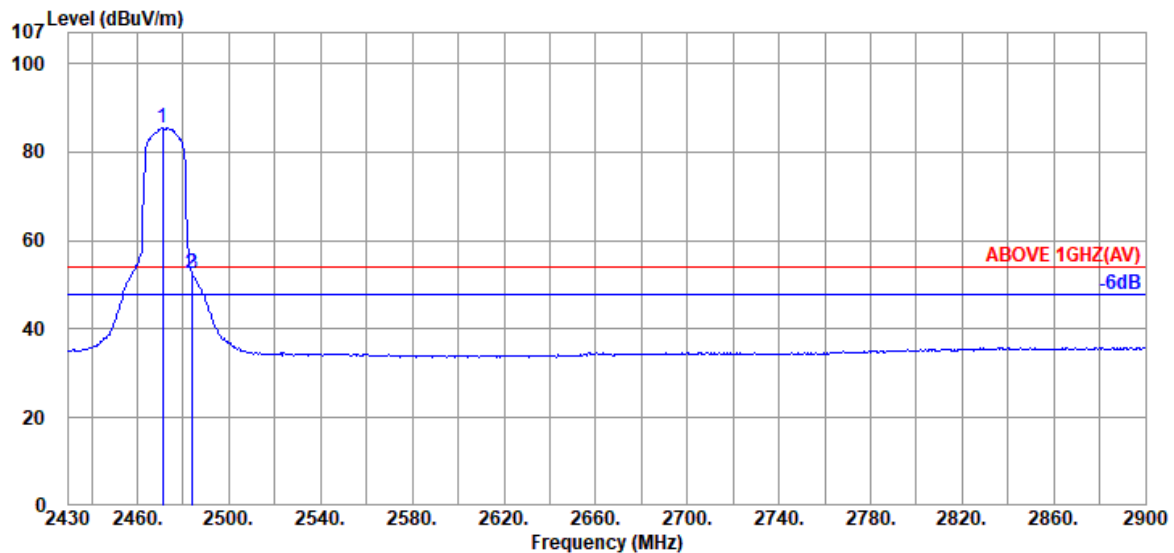
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2472MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2467.13	32.06	8.57	34.60	89.29	95.32	---	---	Peak
2483.58	32.14	8.58	34.61	65.58	71.69	74.00	2.31	Peak
2484.05	32.14	8.58	34.61	64.89	71.00	74.00	3.00	Peak

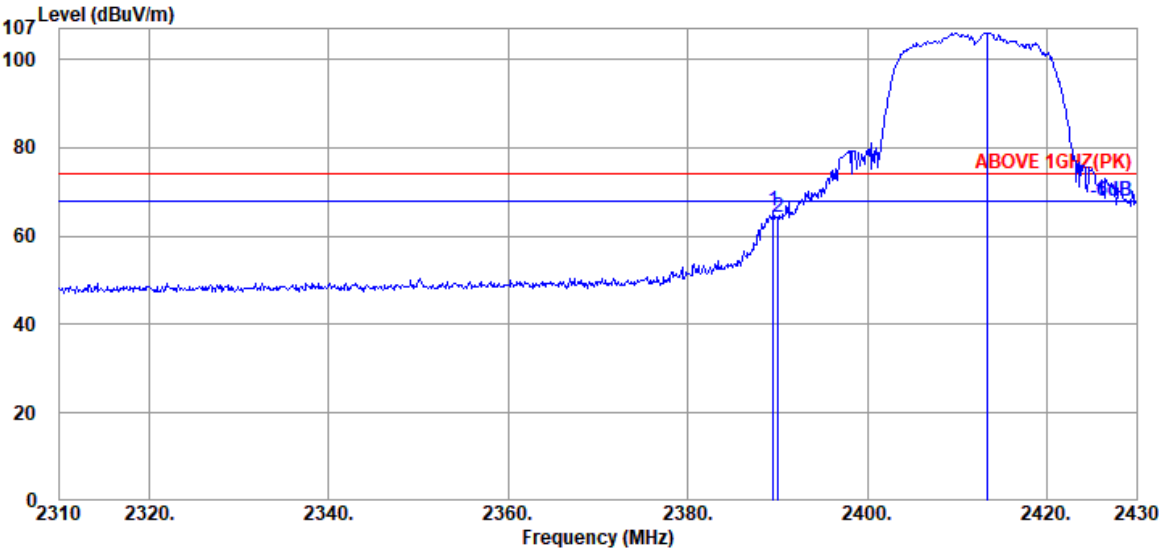


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2470.89	32.09	8.58	34.60	79.49	85.56	---	---	Average
2483.58	32.14	8.58	34.61	46.52	52.63	54.00	1.37	Average
2484.05	32.14	8.58	34.61	46.31	52.42	54.00	1.58	Average

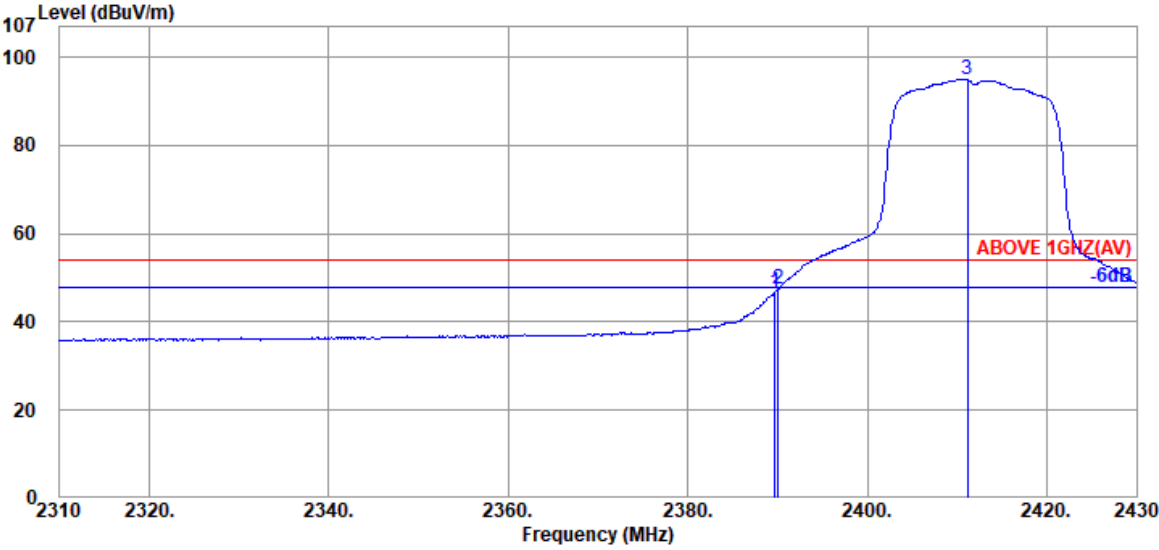
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2412MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.56	32.44	8.52	34.58	59.29	65.67	74.00	8.33	Peak
2390.04	32.44	8.52	34.58	57.89	64.27	74.00	9.73	Peak
@ 2413.44	32.36	8.53	34.59	99.71	106.01	---	---	Peak

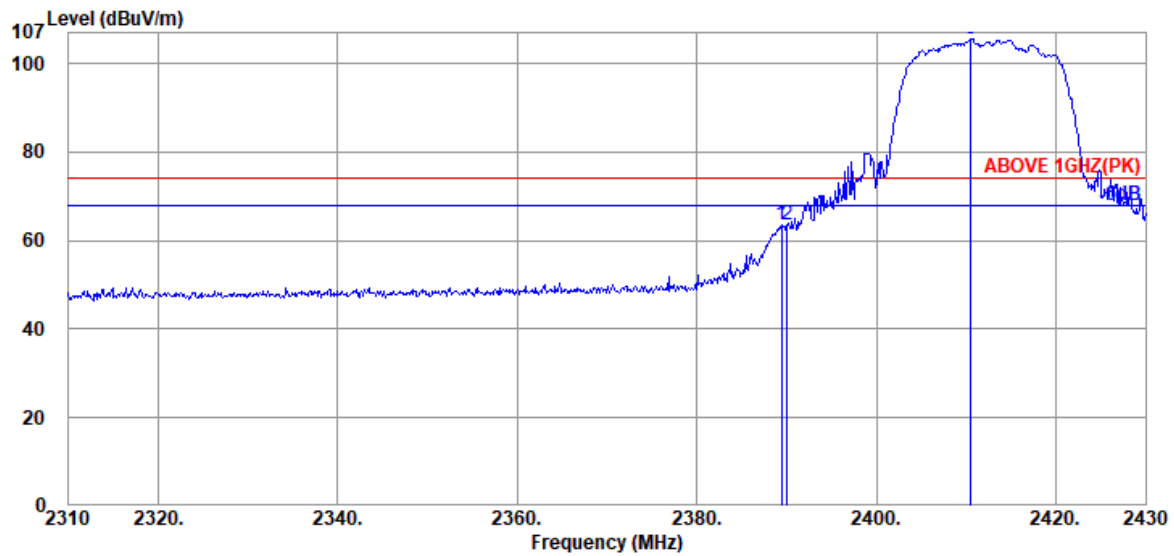


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.44	8.52	34.58	40.38	46.76	54.00	7.24	Average
2390.04	32.44	8.52	34.58	41.08	47.46	54.00	6.54	Average
@ 2411.16	32.43	8.53	34.59	88.60	94.97	---	---	Average

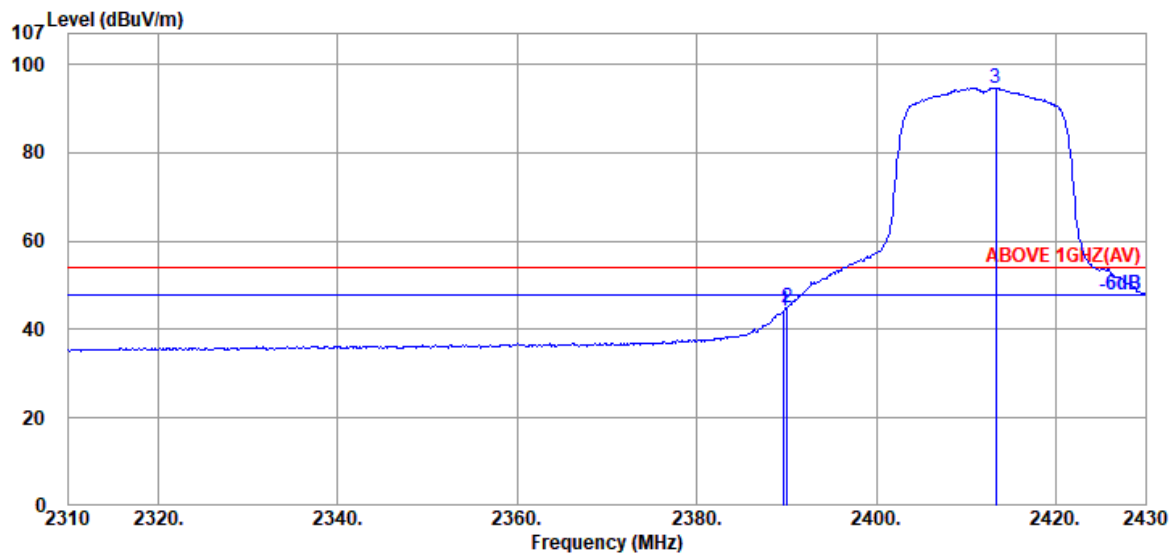
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2412MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.44	32.44	8.52	34.58	57.25	63.63	74.00	10.37	Peak
2390.04	32.44	8.52	34.58	57.14	63.52	74.00	10.48	Peak
@ 2410.56	32.43	8.53	34.59	99.25	105.62	---	---	Peak

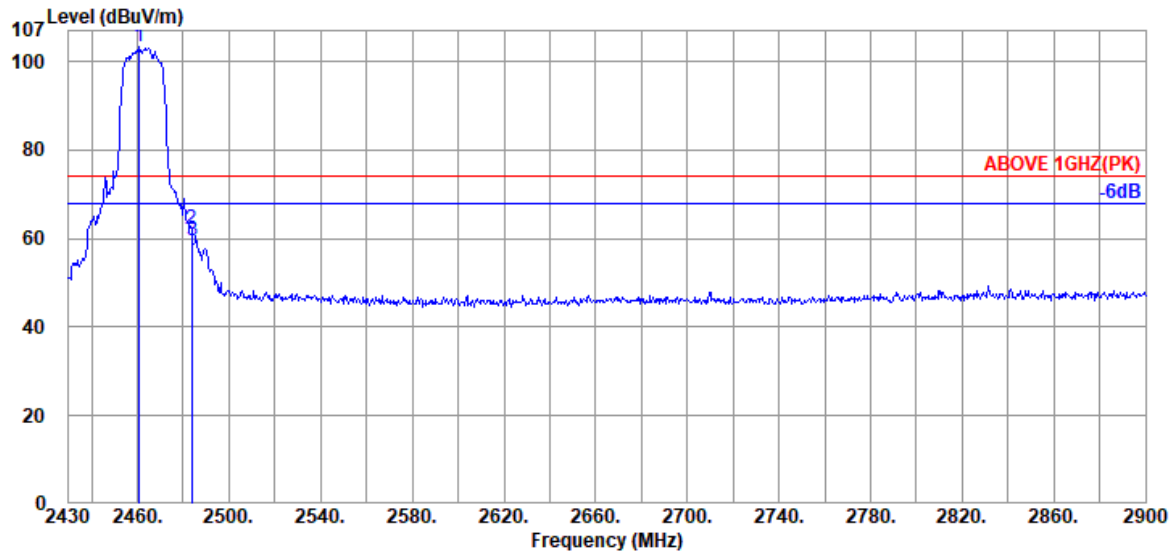


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.44	8.52	34.58	37.80	44.18	54.00	9.82	Average
2390.04	32.44	8.52	34.58	38.48	44.86	54.00	9.14	Average
@ 2413.32	32.36	8.53	34.59	88.43	94.73	---	---	Average

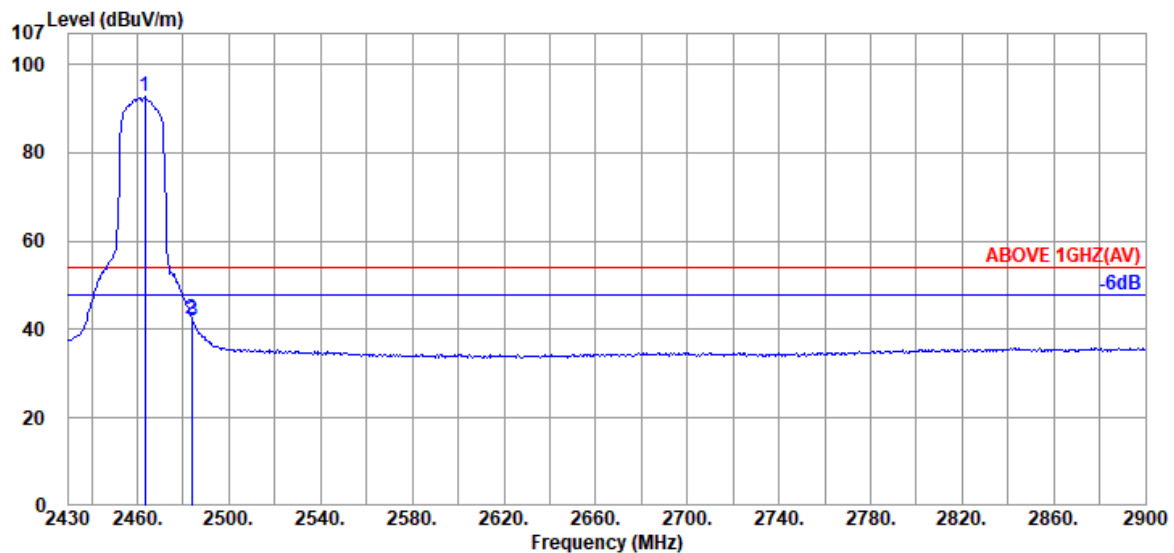
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.06	8.57	34.60	97.44	103.47	---	---	Peak
2483.58	32.14	8.58	34.61	56.05	62.16	74.00	11.84	Peak
2484.05	32.14	8.58	34.61	53.51	59.62	74.00	14.38	Peak

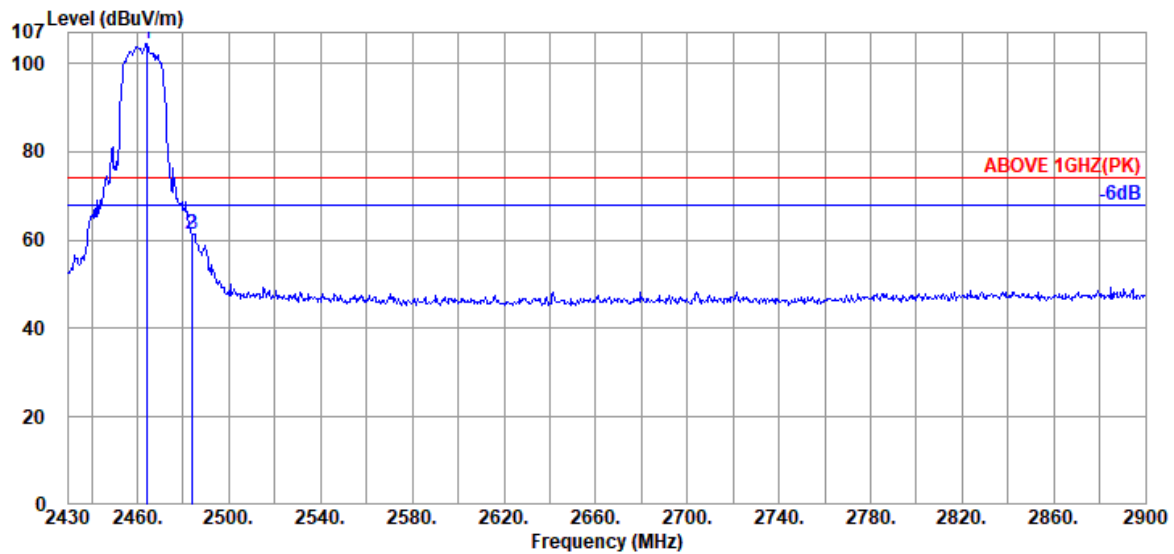


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.37	32.06	8.57	34.60	86.56	92.59	---	---	Average
2483.58	32.14	8.58	34.61	36.29	42.40	54.00	11.60	Average
2484.05	32.14	8.58	34.61	36.02	42.13	54.00	11.87	Average

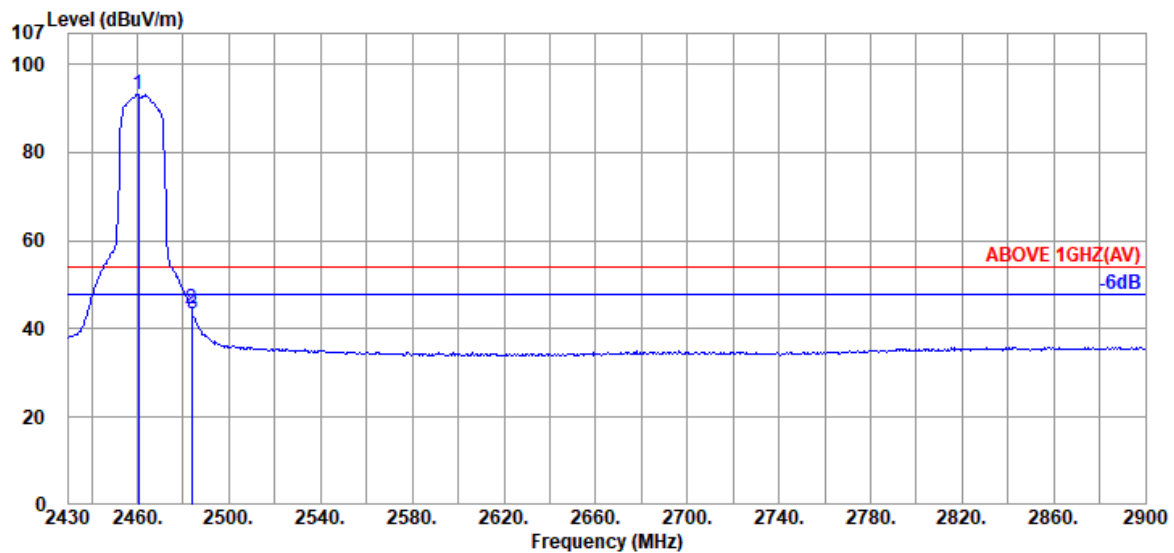
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2462MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.06	8.57	34.60	98.41	104.44	---	---	Peak
2483.58	32.14	8.58	34.61	55.17	61.28	74.00	12.72	Peak
2484.05	32.14	8.58	34.61	55.36	61.47	74.00	12.53	Peak

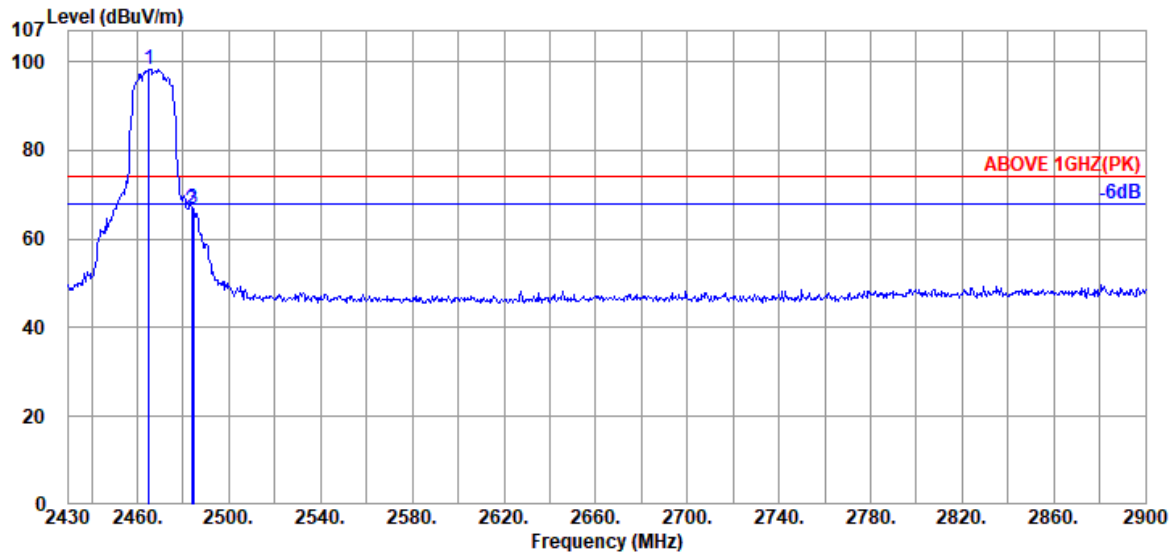


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2460.55	32.06	8.57	34.60	87.22	93.25	---	---	Average
2483.58	32.14	8.58	34.61	38.50	44.61	54.00	9.39	Average
2484.05	32.14	8.58	34.61	37.28	43.39	54.00	10.61	Average

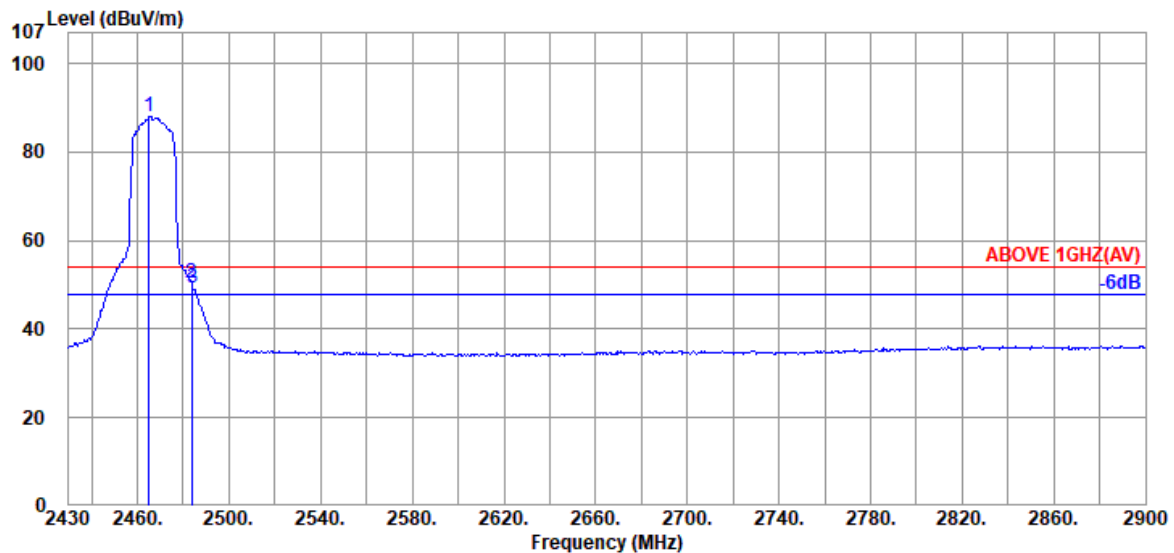
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2467MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.25	32.06	8.57	34.60	92.21	98.24	---	---	Peak
2483.58	32.14	8.58	34.61	60.20	66.31	74.00	7.69	Peak
2484.52	32.14	8.58	34.61	60.57	66.68	74.00	7.32	Peak

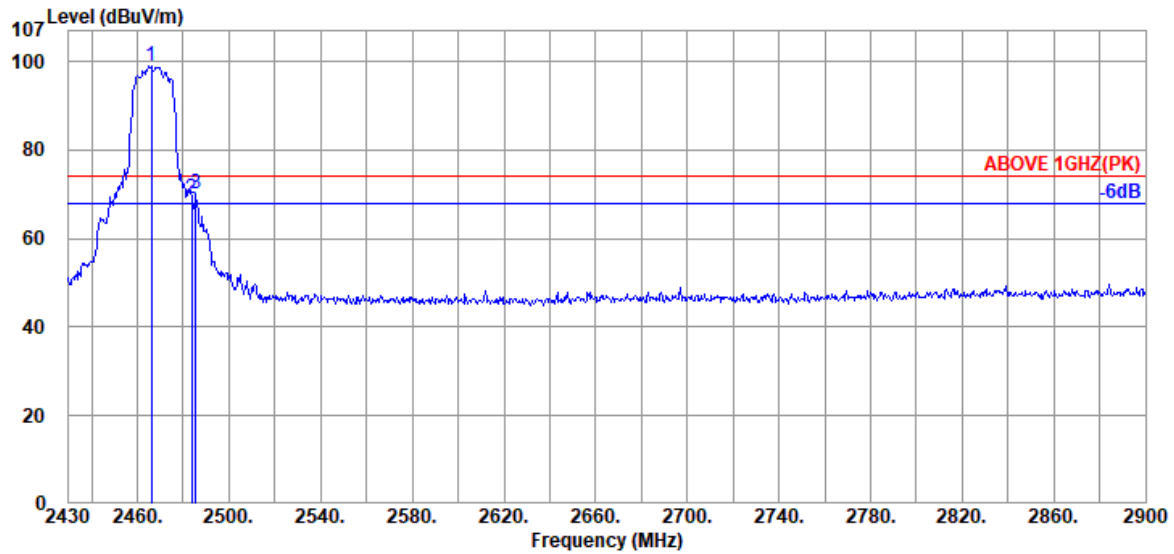


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.25	32.06	8.57	34.60	81.94	87.97	---	---	Average
2483.58	32.14	8.58	34.61	44.25	50.36	54.00	3.64	Average
2484.05	32.14	8.58	34.61	43.29	49.40	54.00	4.60	Average

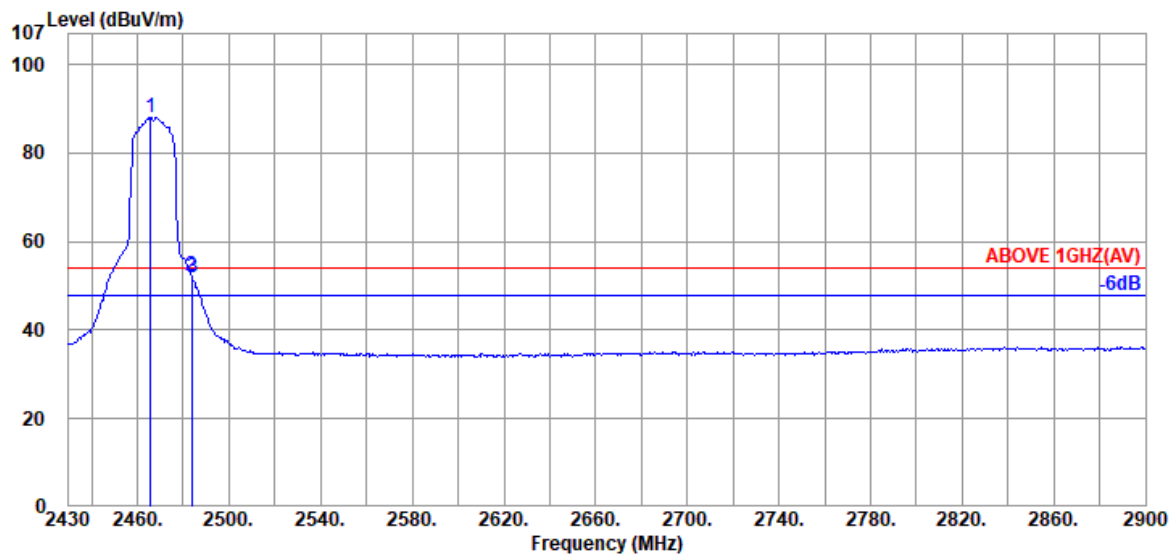
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2467MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.19	32.06	8.57	34.60	92.88	98.91	---	---	Peak
2483.58	32.14	8.58	34.61	62.89	69.00	74.00	5.00	Peak
2485.46	32.14	8.58	34.61	64.01	70.12	74.00	3.88	Peak

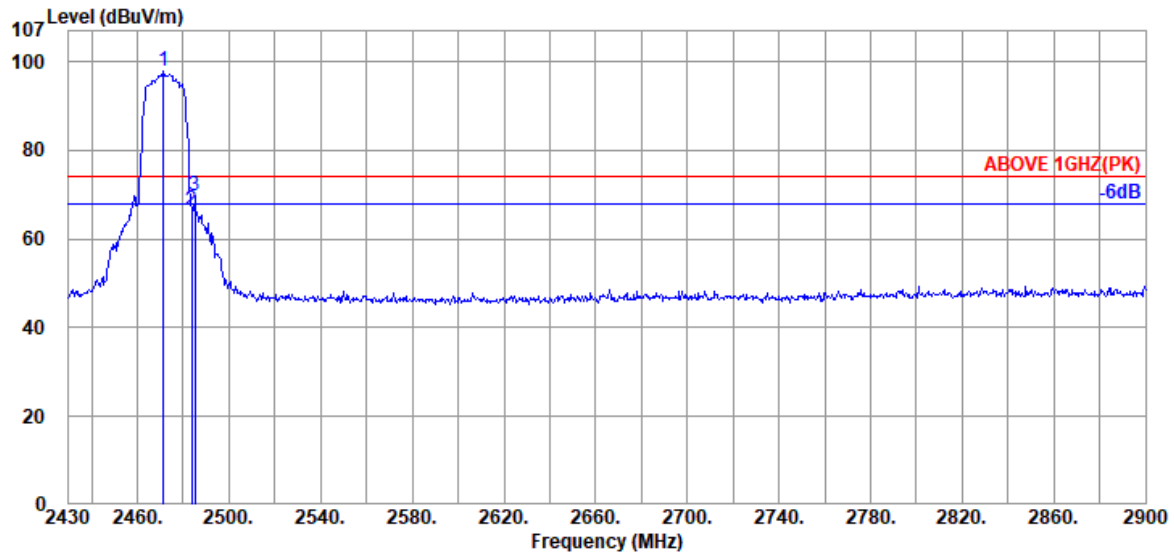


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.72	32.06	8.57	34.60	82.02	88.05	---	---	Average
2483.58	32.14	8.58	34.61	46.15	52.26	54.00	1.74	Average
2484.05	32.14	8.58	34.61	45.57	51.68	54.00	2.32	Average

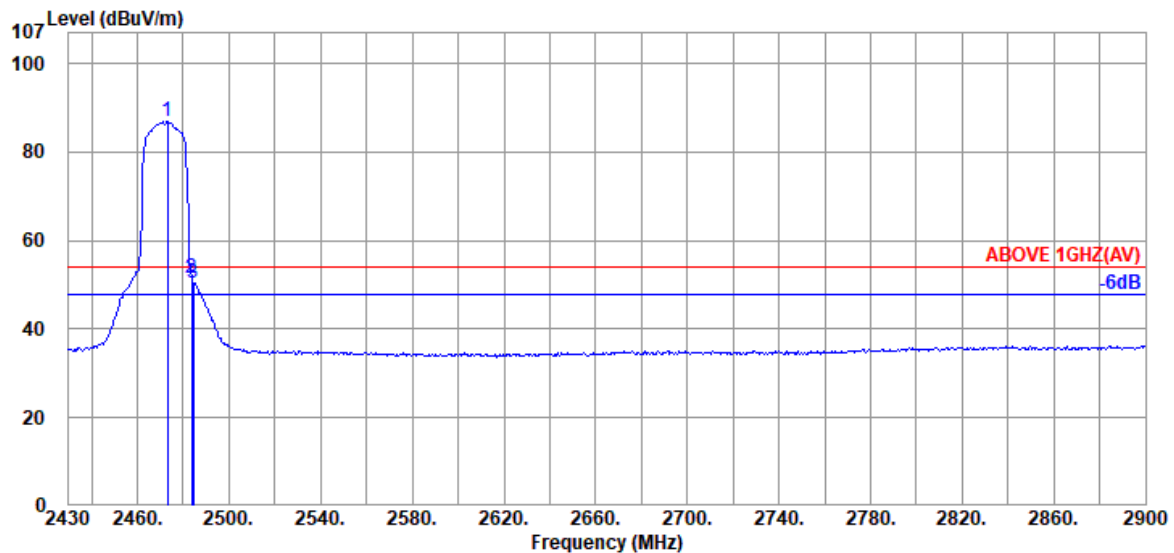
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2472MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2471.36	32.09	8.58	34.60	91.68	97.75	---	---	Peak
	2483.58	32.14	8.58	34.61	60.53	66.64	74.00	7.36	Peak
	2484.99	32.14	8.58	34.61	63.76	69.87	74.00	4.13	Peak

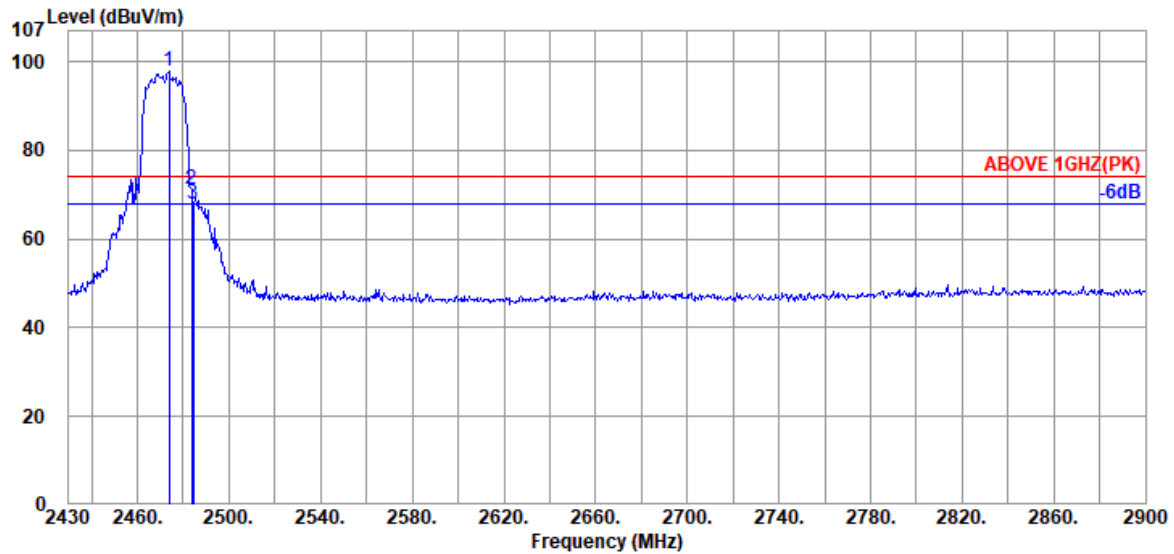


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2473.24	32.09	8.58	34.60	80.78	86.85	---	---	Average
	2483.58	32.14	8.58	34.61	45.46	51.57	54.00	2.43	Average
	2484.52	32.14	8.58	34.61	44.24	50.35	54.00	3.65	Average

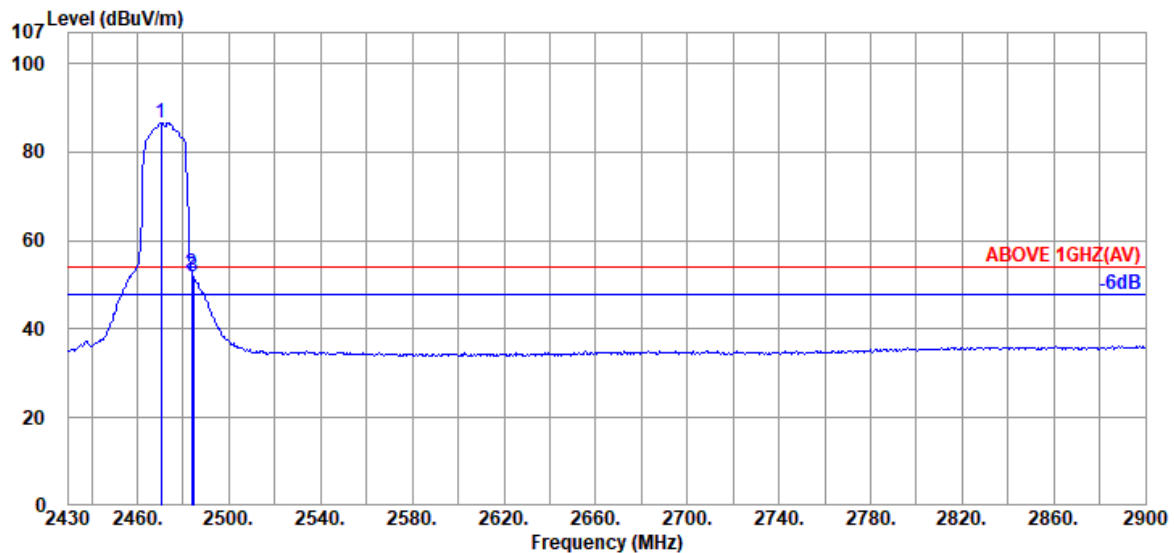
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT20	Frequency	TX 2472MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2473.71	32.09	8.58	34.60	91.72	97.79	---	---	Peak
	2483.58	32.14	8.58	34.61	65.13	71.24	74.00	2.76	Peak
	2484.52	32.14	8.58	34.61	61.64	67.75	74.00	6.25	Peak

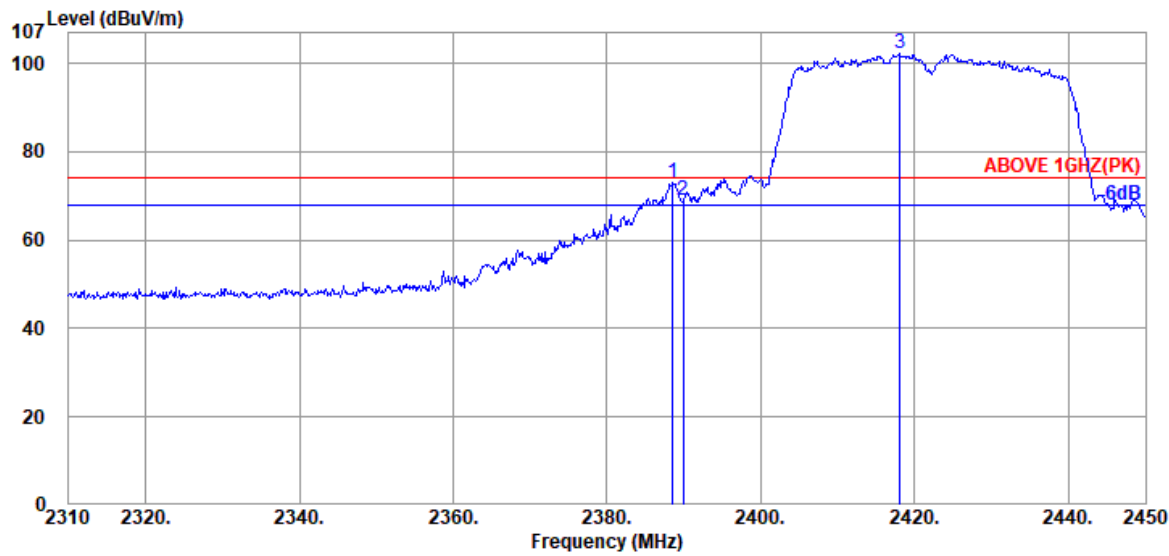


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2470.42	32.09	8.57	34.60	80.48	86.54	---	---	Average
	2483.58	32.14	8.58	34.61	46.53	52.64	54.00	1.36	Average
	2484.52	32.14	8.58	34.61	45.88	51.99	54.00	2.01	Average

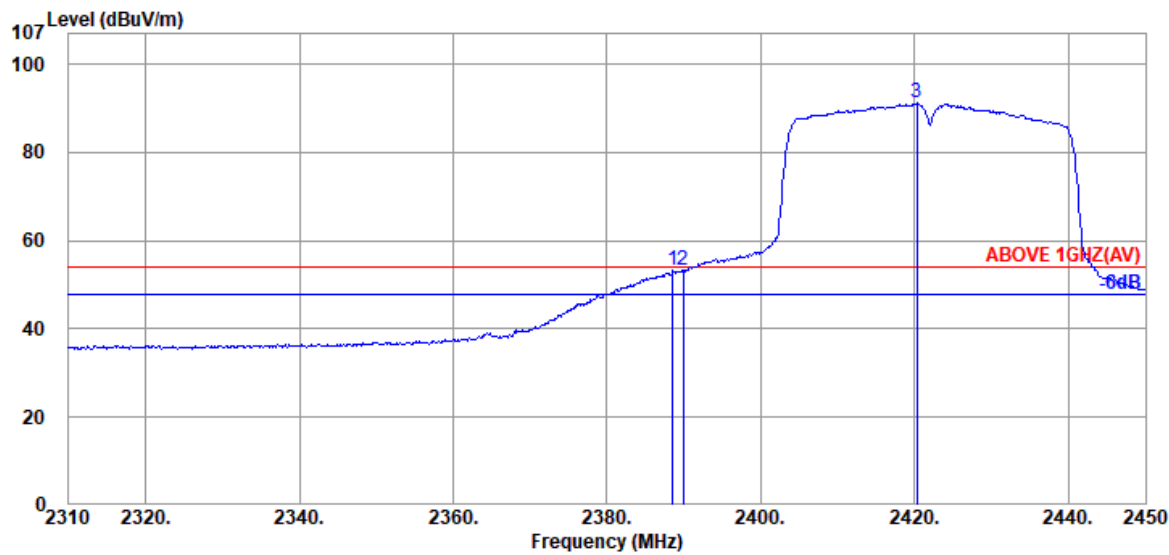
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2422MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.54	32.44	8.52	34.58	66.63	73.01	74.00	0.99	Peak
2389.94	32.44	8.52	34.58	62.68	69.06	74.00	4.94	Peak
@ 2418.08	32.36	8.53	34.59	95.89	102.19	---	---	Peak

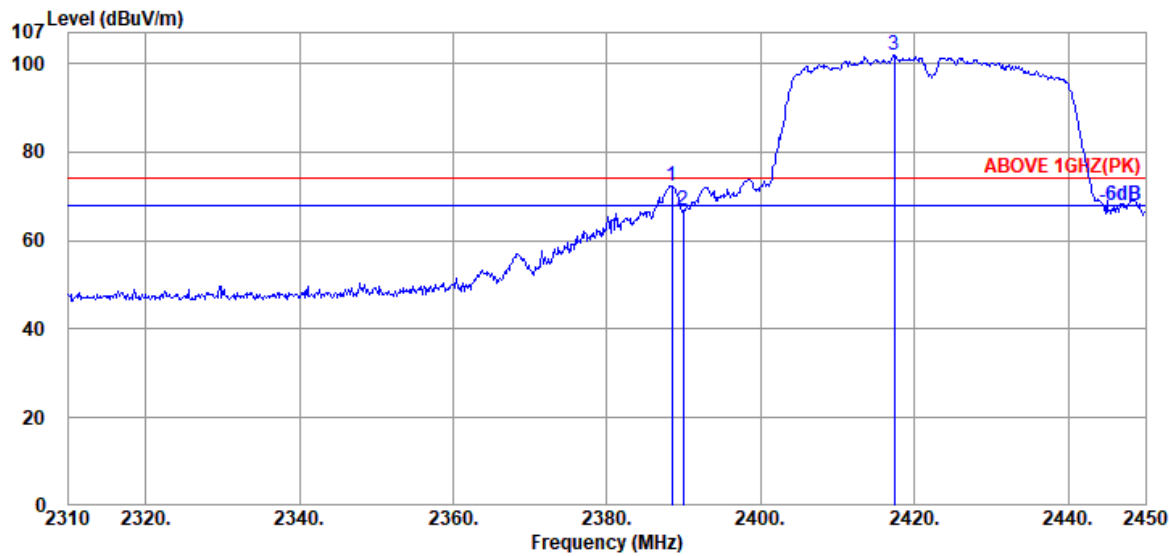


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.54	32.44	8.52	34.58	46.97	53.35	54.00	0.65	Average
2389.94	32.44	8.52	34.58	46.86	53.24	54.00	0.76	Average
@ 2420.32	32.29	8.54	34.59	84.95	91.19	---	---	Average

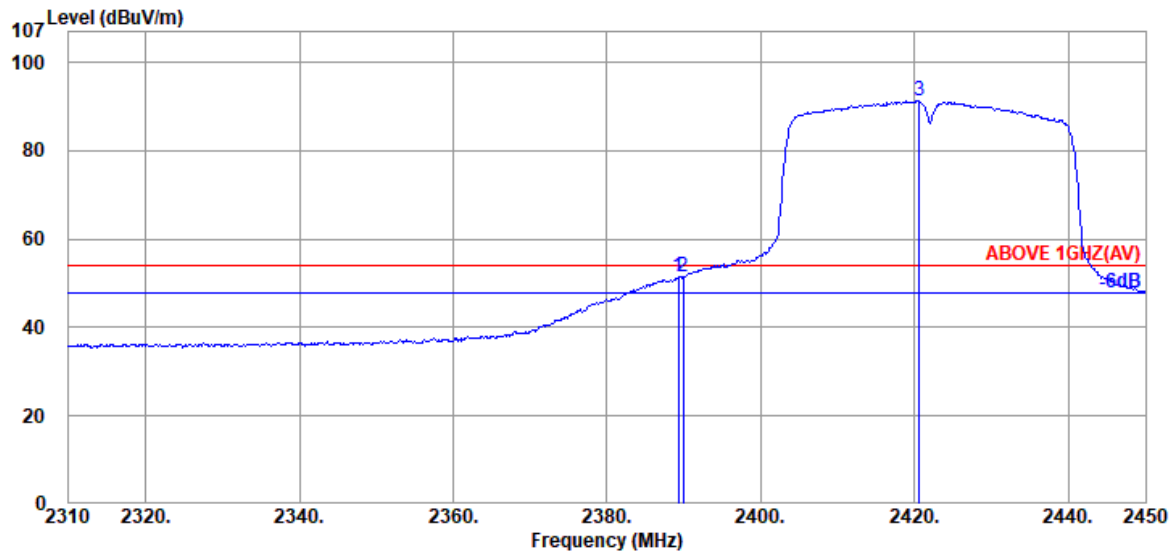
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2422MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.40	32.44	8.52	34.58	66.08	72.46	74.00	1.54	Peak
2389.94	32.44	8.52	34.58	60.44	66.82	74.00	7.18	Peak
@ 2417.38	32.36	8.53	34.59	95.57	101.87	---	---	Peak

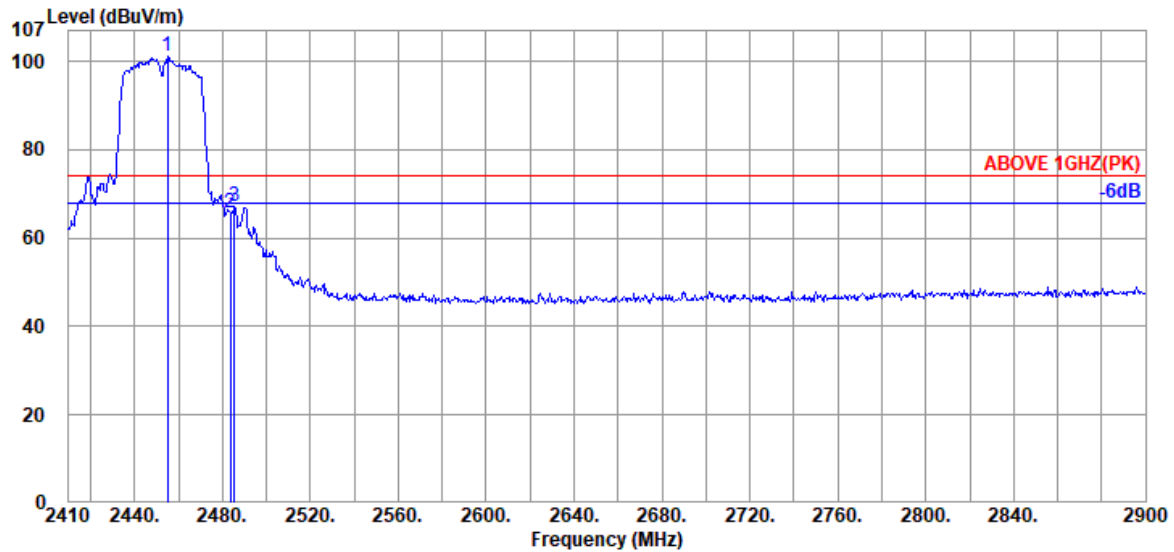


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.24	32.44	8.52	34.58	45.20	51.58	54.00	2.42	Average
2389.94	32.44	8.52	34.58	45.10	51.48	54.00	2.52	Average
@ 2420.60	32.29	8.54	34.59	84.92	91.16	---	---	Average

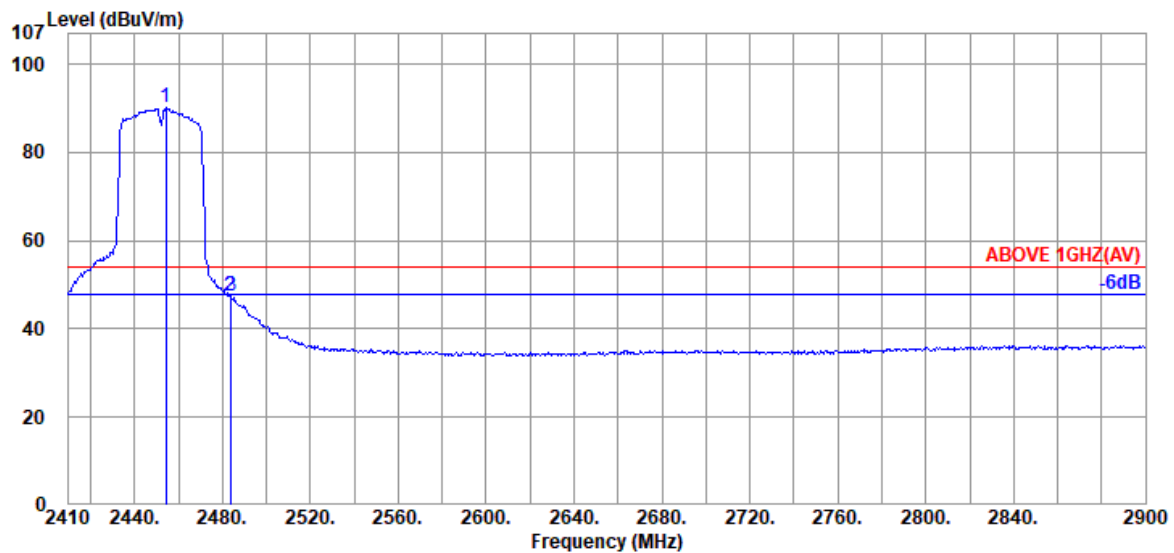
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2452MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.08	32.03	8.57	34.60	95.07	101.07	---	---	Peak
2483.50	32.14	8.58	34.61	59.73	65.84	74.00	8.16	Peak
2485.46	32.14	8.58	34.61	60.90	67.01	74.00	6.99	Peak

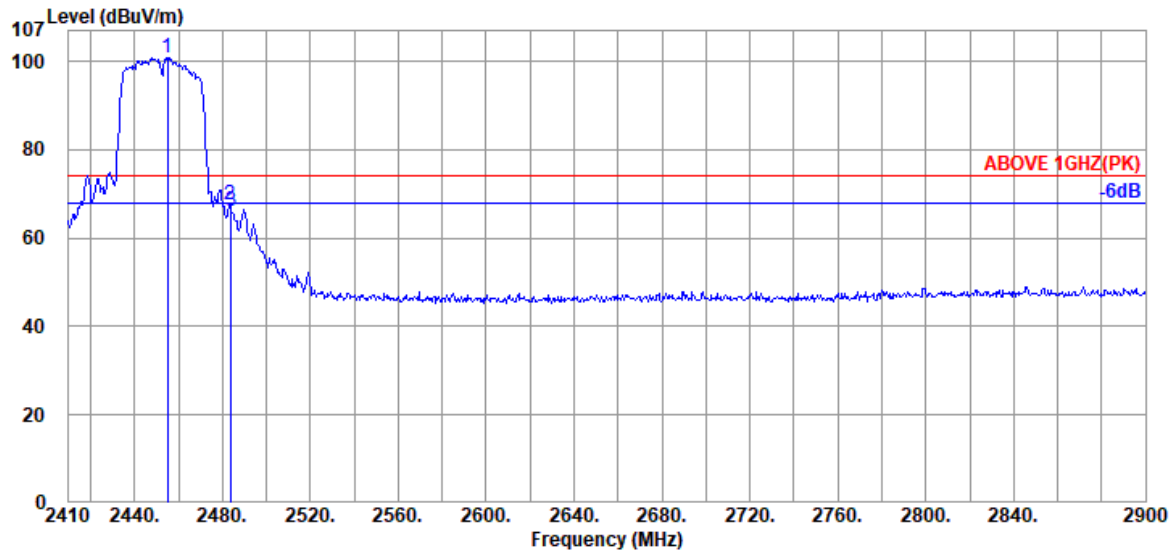


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2454.10	32.03	8.57	34.60	84.09	90.09	---	---	Average
2483.50	32.14	8.58	34.61	41.35	47.46	54.00	6.54	Average
2483.99	32.14	8.58	34.61	41.23	47.34	54.00	6.66	Average

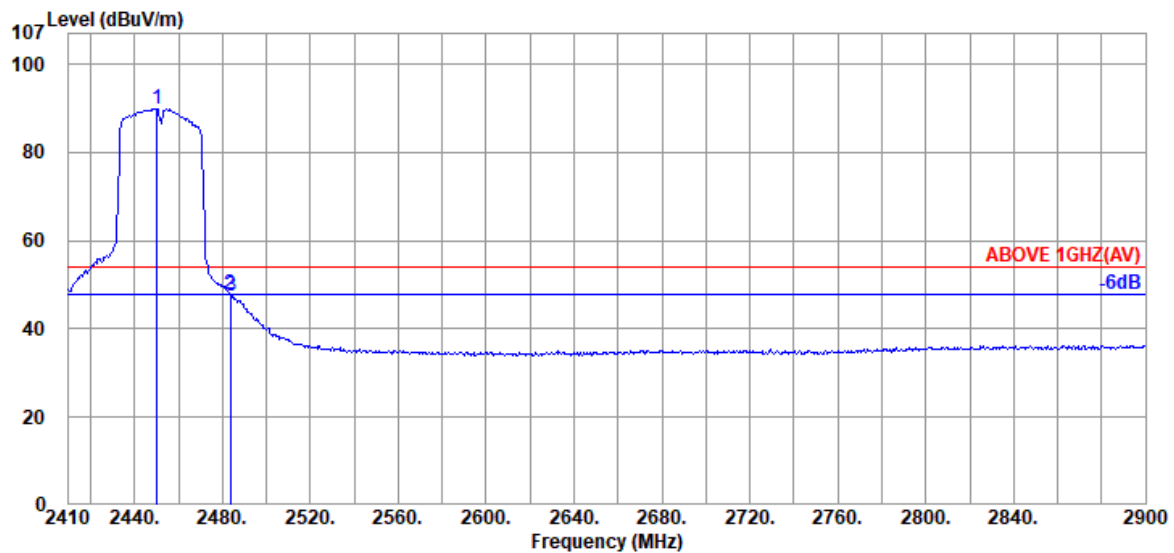
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2452MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.08	32.03	8.57	34.60	94.85	100.85	---	---	Peak
2483.50	32.14	8.58	34.61	61.41	67.52	74.00	6.48	Peak
2483.99	32.14	8.58	34.61	59.97	66.08	74.00	7.92	Peak

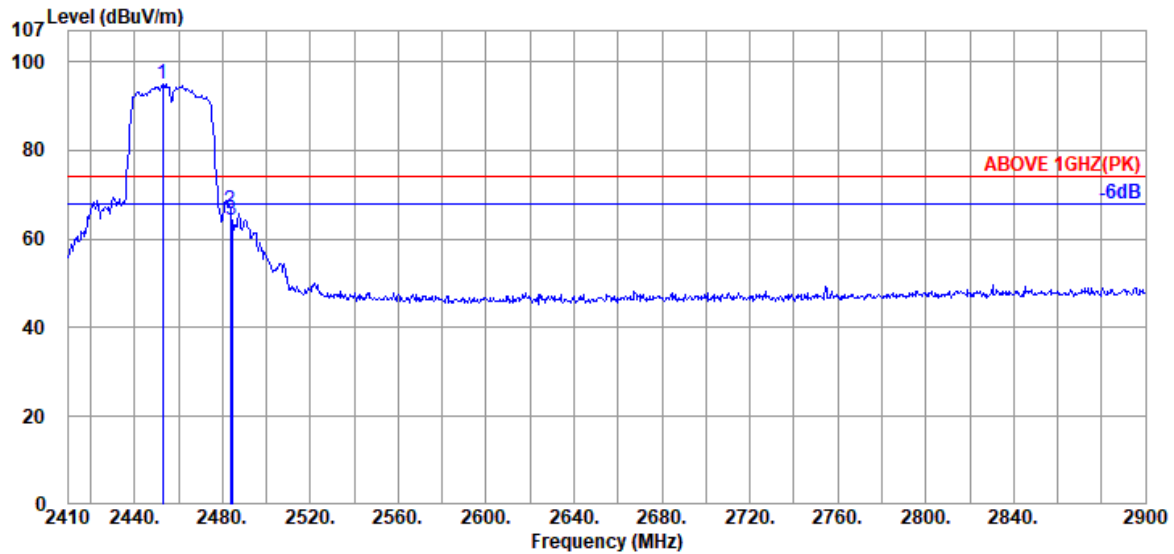


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2450.18	32.00	8.55	34.60	84.07	90.02	---	---	Average
2483.50	32.14	8.58	34.61	41.75	47.86	54.00	6.14	Average
2483.99	32.14	8.58	34.61	41.45	47.56	54.00	6.44	Average

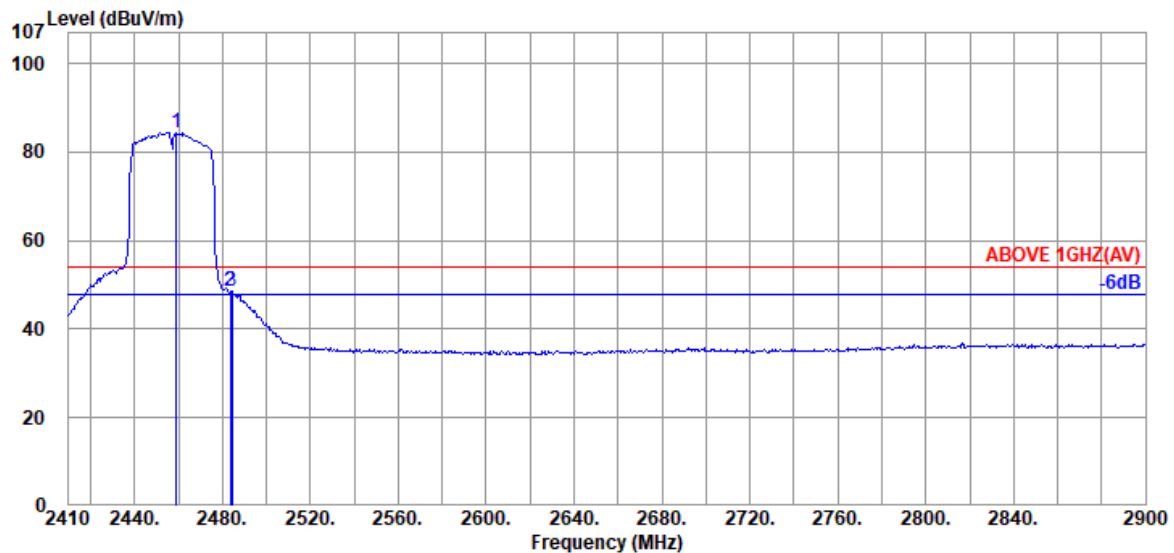
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2457MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2452.63	32.00	8.55	34.60	88.94	94.89	---	---	Peak
2483.50	32.14	8.58	34.61	60.47	66.58	74.00	7.42	Peak
2484.48	32.14	8.58	34.61	58.11	64.22	74.00	9.78	Peak

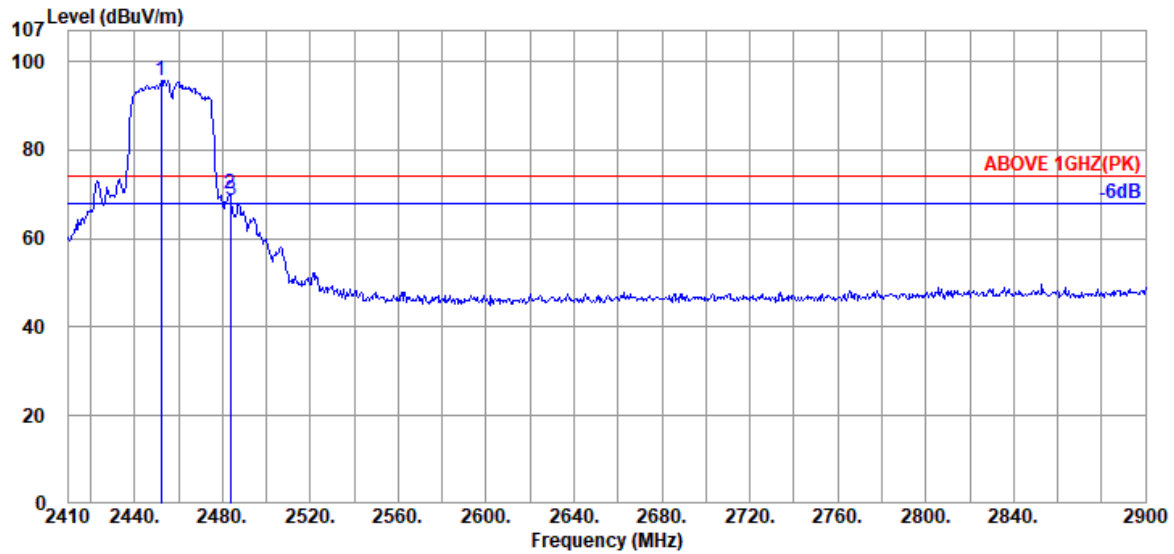


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.00	32.03	8.57	34.60	78.44	84.44	---	---	Average
2483.50	32.14	8.58	34.61	42.45	48.56	54.00	5.44	Average
2484.48	32.14	8.58	34.61	42.47	48.58	54.00	5.42	Average

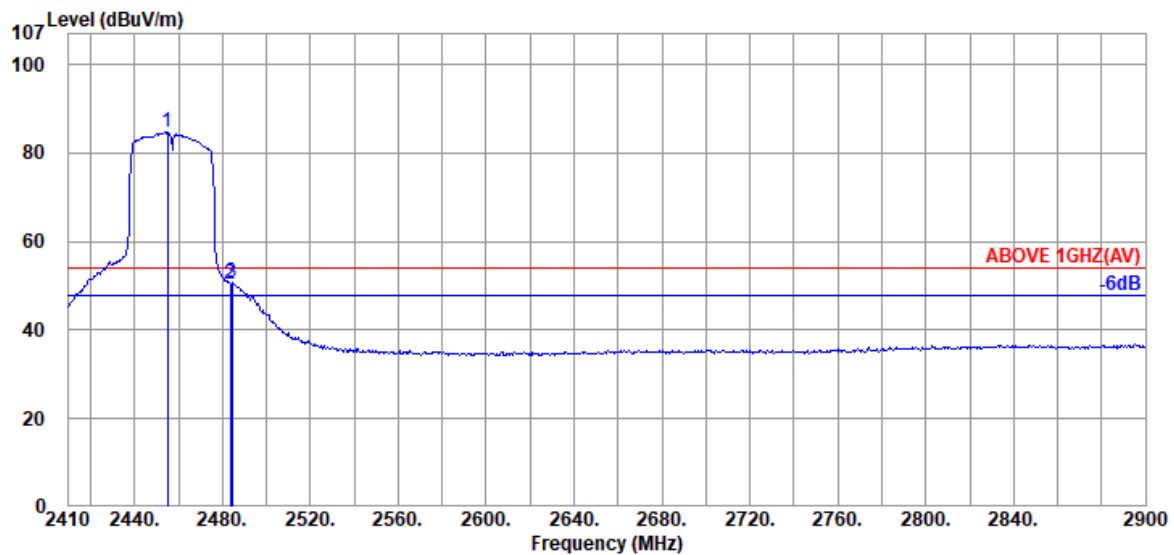
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2457MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2452.14	32.00	8.55	34.60	89.69	95.64	---	---	Peak
2483.50	32.14	8.58	34.61	64.06	70.17	74.00	3.83	Peak
2483.99	32.14	8.58	34.61	62.62	68.73	74.00	5.27	Peak

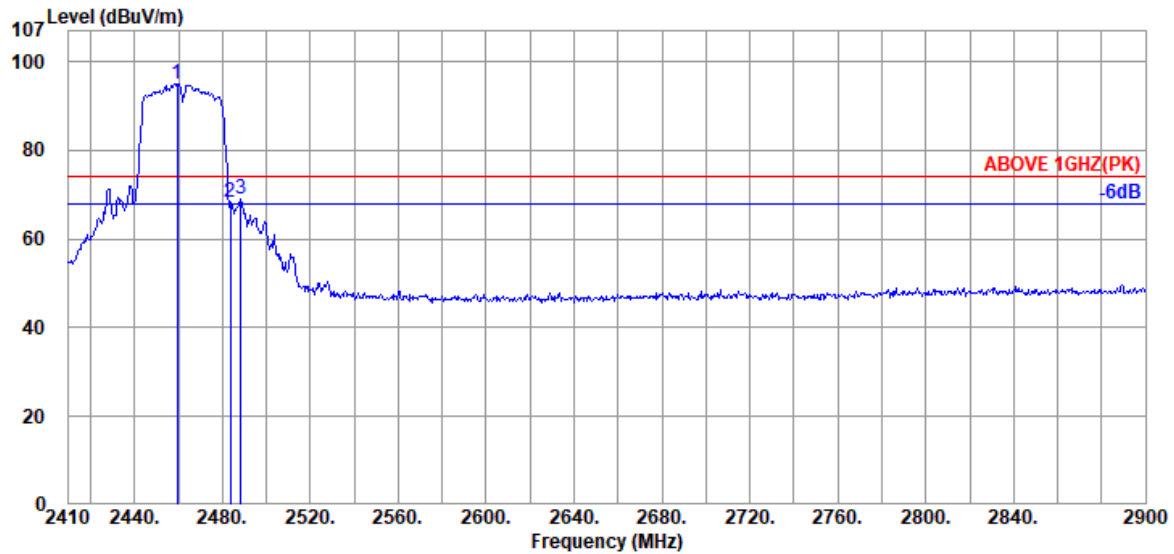


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.08	32.03	8.57	34.60	78.72	84.72	---	---	Average
2483.50	32.14	8.58	34.61	44.38	50.49	54.00	3.51	Average
2484.48	32.14	8.58	34.61	44.53	50.64	54.00	3.36	Average

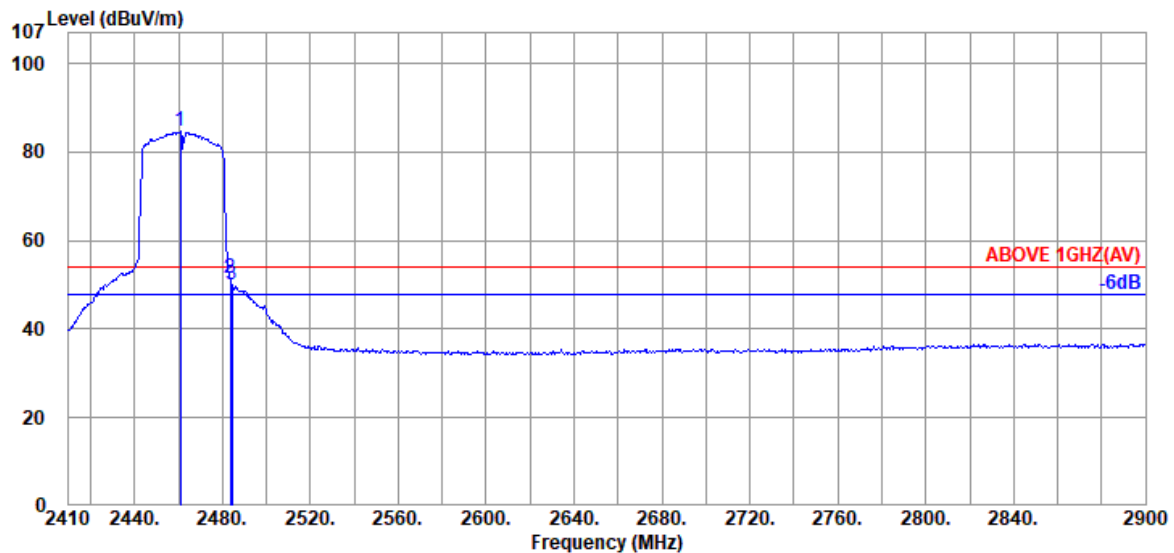
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2459.49	32.03	8.57	34.60	89.05	95.05	---	---	Peak
	2483.50	32.14	8.58	34.61	62.06	68.17	74.00	5.83	Peak
	2488.40	32.14	8.59	34.61	62.89	69.01	74.00	4.99	Peak

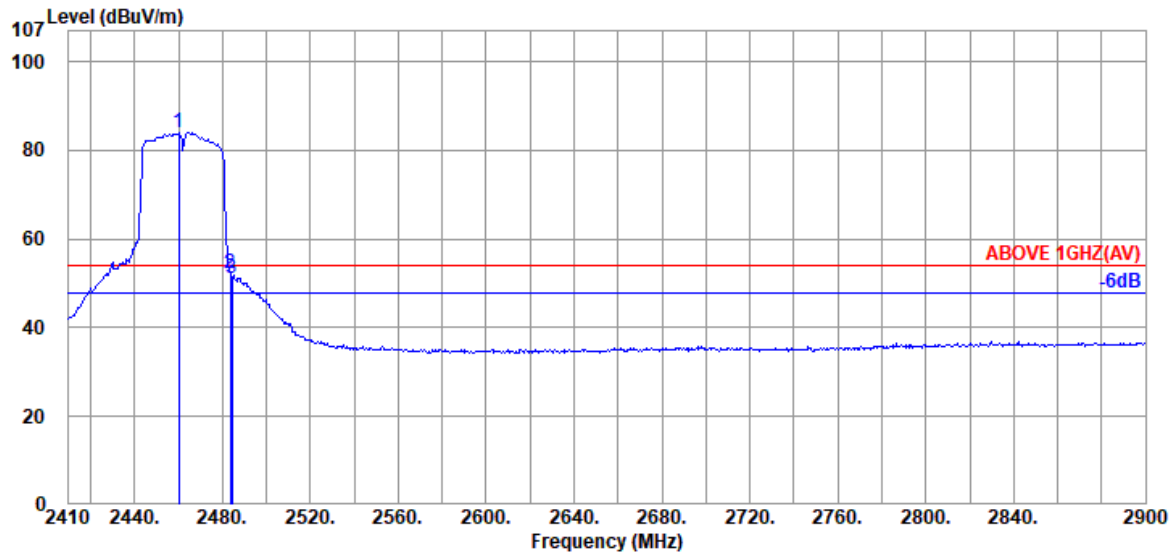


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2460.96	32.06	8.57	34.60	78.53	84.56	---	---	Average
	2483.50	32.14	8.58	34.61	45.37	51.48	54.00	2.52	Average
	2484.48	32.14	8.58	34.61	43.96	50.07	54.00	3.93	Average

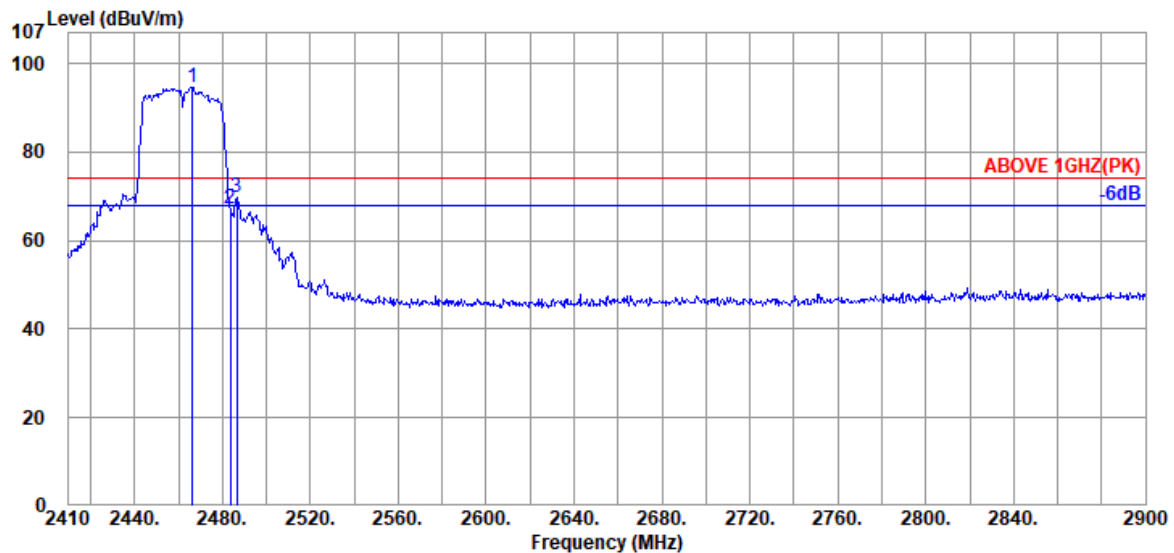
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11n-HT40	Frequency	TX 2462MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.98	32.03	8.57	34.60	77.90	83.90	---	---	Peak
2483.50	32.14	8.58	34.61	46.29	52.40	74.00	21.60	Peak
2484.48	32.14	8.58	34.61	45.20	51.31	74.00	22.69	Peak



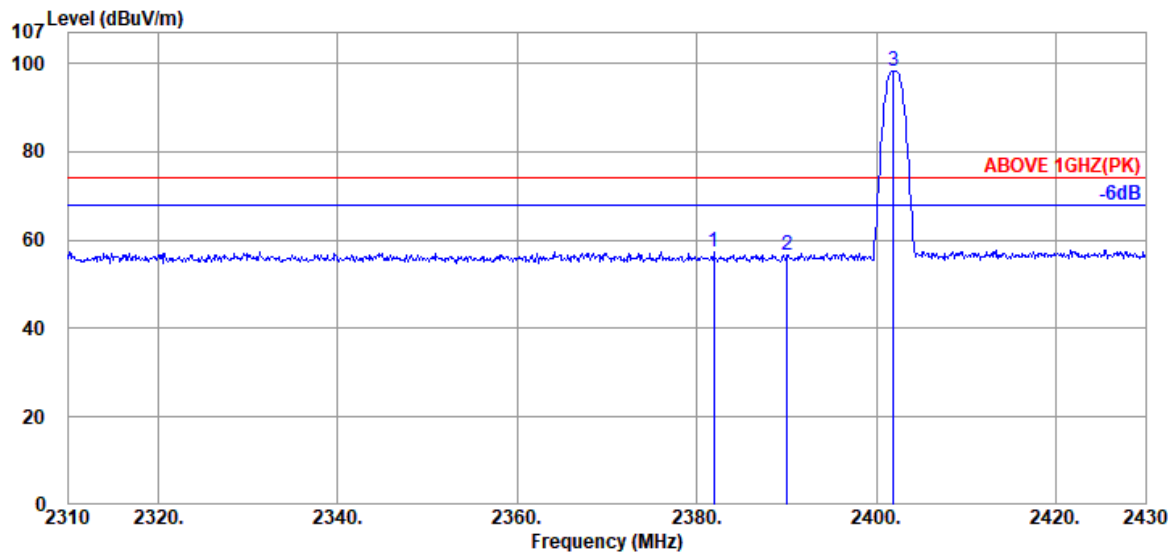
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.35	32.06	8.57	34.60	88.66	94.69	---	---	Average
2483.50	32.14	8.58	34.61	61.08	67.19	54.00	-13.19	Average
2486.44	32.14	8.58	34.61	63.79	69.90	54.00	-15.90	Average

備註：“@”為主波，在此章節是不予以判定。

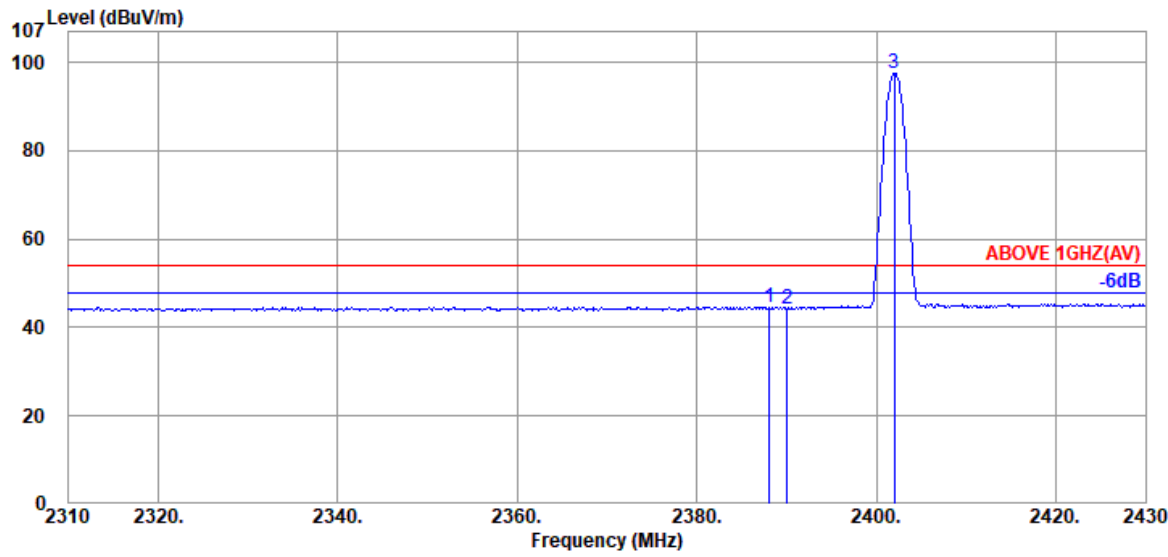
● BLE 模式

Mode	BLE (1M)	Frequency	TX 2402MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2381.88	32.41	8.51	34.58	51.17	57.51	74.00	16.49	Peak
2390.04	32.44	8.52	34.58	50.37	56.75	74.00	17.25	Peak
@ 2401.92	32.50	8.52	34.59	91.80	98.23	---	---	Peak

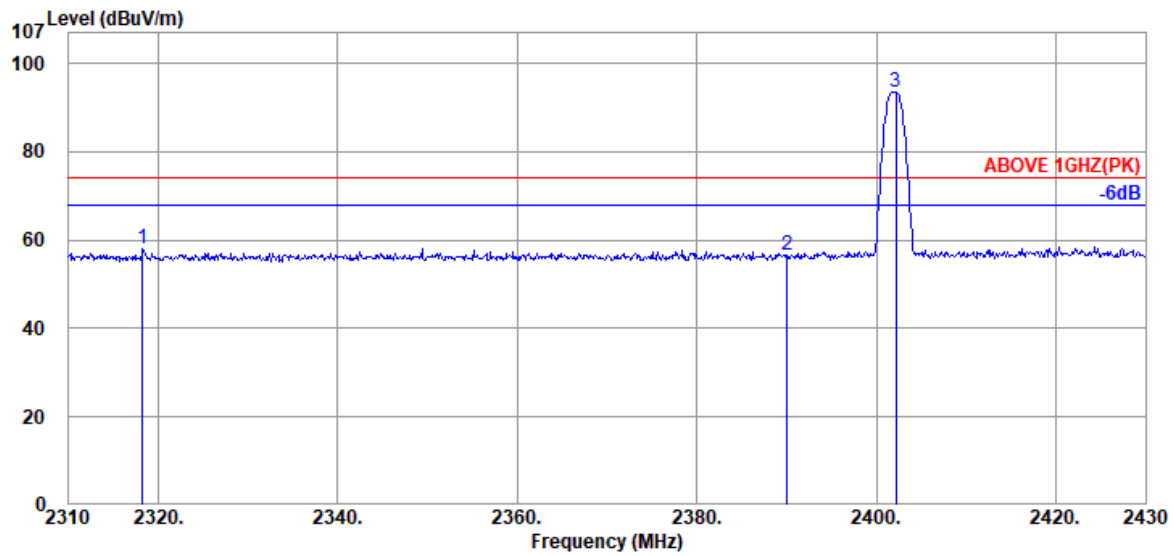


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.12	32.44	8.52	34.58	38.35	44.73	54.00	9.27	Average
2390.04	32.44	8.52	34.58	37.78	44.16	54.00	9.84	Average
@ 2402.04	32.50	8.52	34.59	91.06	97.49	---	---	Average

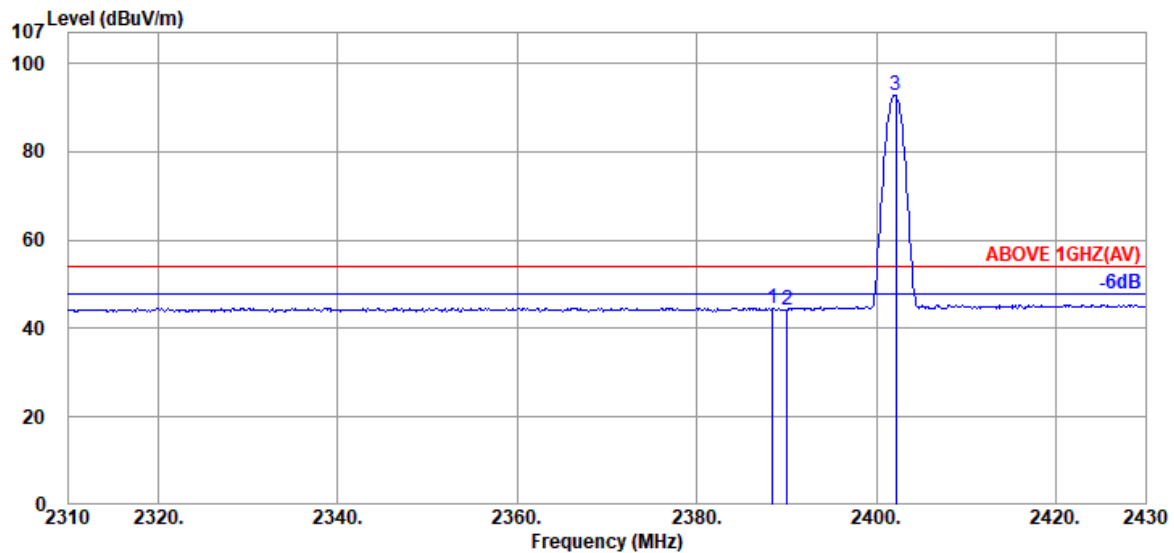
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (1M)	Frequency	TX 2402MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2318.28	31.99	8.47	34.57	52.18	58.07	74.00	15.93	Peak
2390.04	32.44	8.52	34.58	50.05	56.43	74.00	17.57	Peak
@ 2402.16	32.50	8.52	34.59	87.04	93.47	---	---	Peak

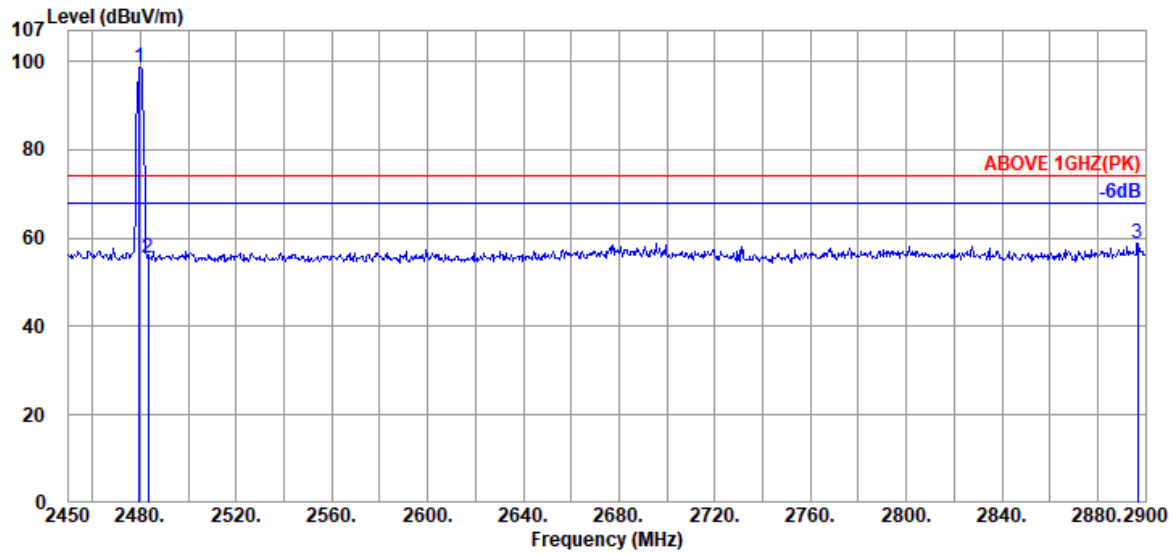


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.48	32.44	8.52	34.58	38.35	44.73	54.00	9.27	Average
2390.04	32.44	8.52	34.58	37.97	44.35	54.00	9.65	Average
@ 2402.16	32.50	8.52	34.59	86.34	92.77	---	---	Average

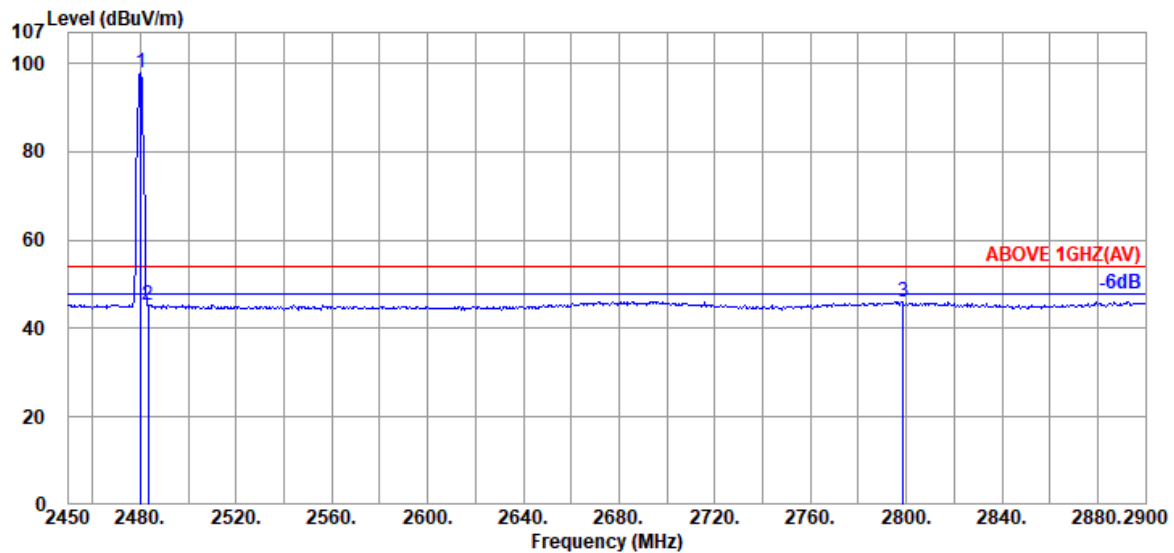
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (1M)	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.70	32.11	8.58	34.60	92.55	98.64	---	---	Peak
2483.30	32.14	8.58	34.61	49.56	55.67	74.00	18.33	Peak
2896.85	32.80	8.69	34.68	51.96	58.77	74.00	15.23	Peak

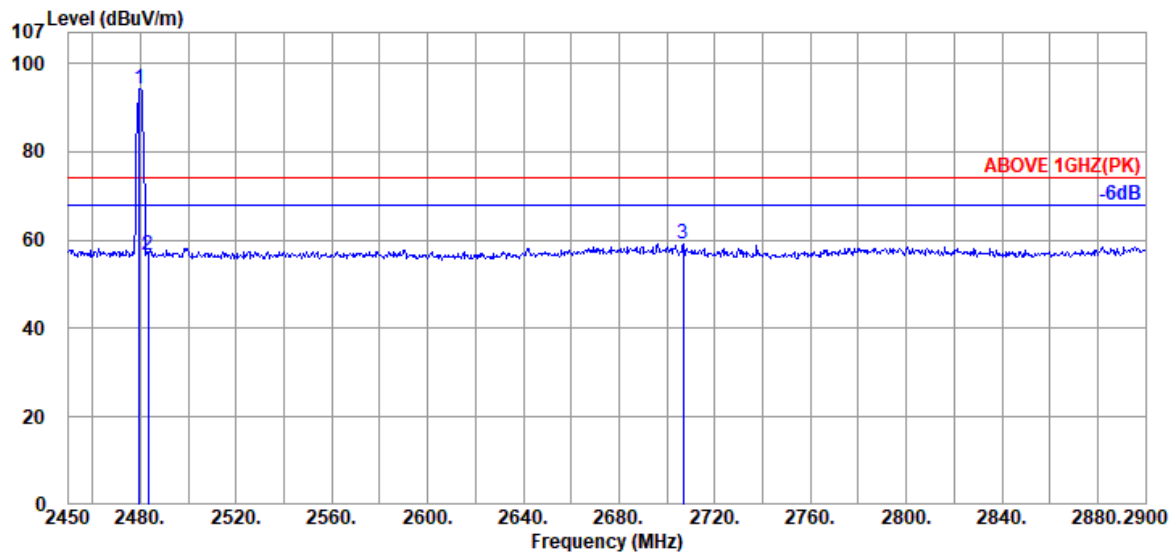


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.15	32.11	8.58	34.60	91.63	97.72	---	---	Average
2483.30	32.14	8.58	34.61	39.02	45.13	54.00	8.87	Average
2798.75	32.60	8.66	34.67	39.56	46.15	54.00	7.85	Average

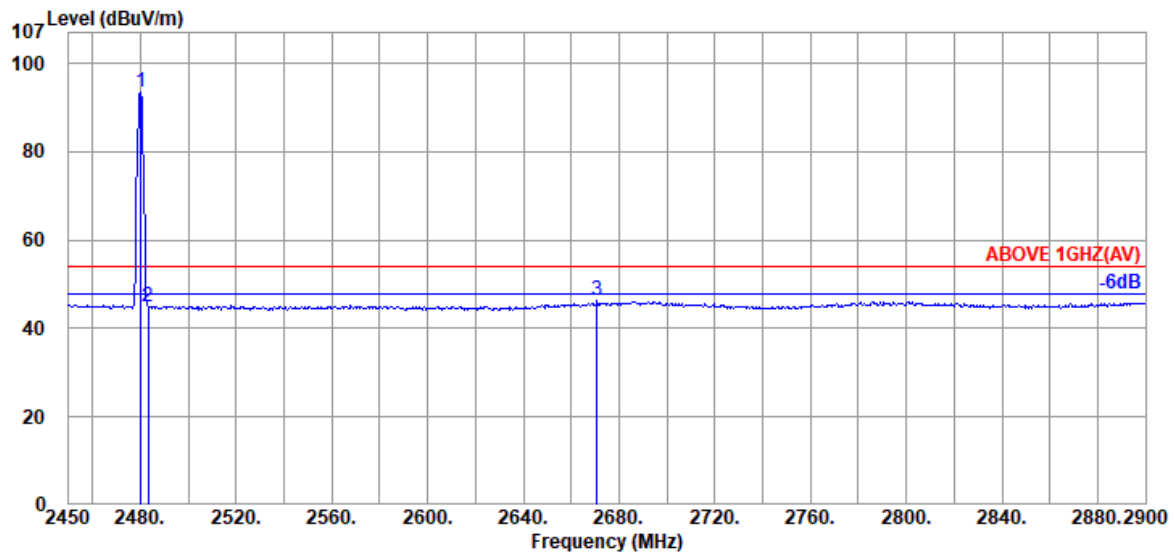
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (1M)	Frequency	TX 2480MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.70	32.11	8.58	34.60	88.16	94.25	---	---	Peak
2483.30	32.14	8.58	34.61	50.41	56.52	74.00	17.48	Peak
2706.95	32.40	8.64	34.65	52.84	59.23	74.00	14.77	Peak

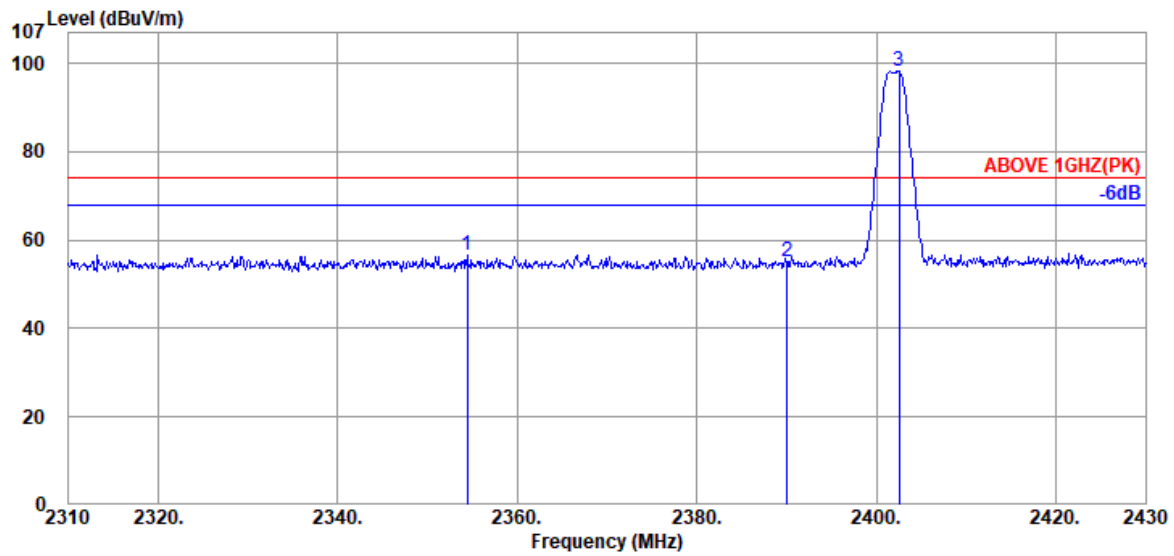


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.15	32.11	8.58	34.60	87.38	93.47	---	---	Average
2483.30	32.14	8.58	34.61	38.77	44.88	54.00	9.12	Average
2670.95	32.29	8.63	34.64	40.05	46.33	54.00	7.67	Average

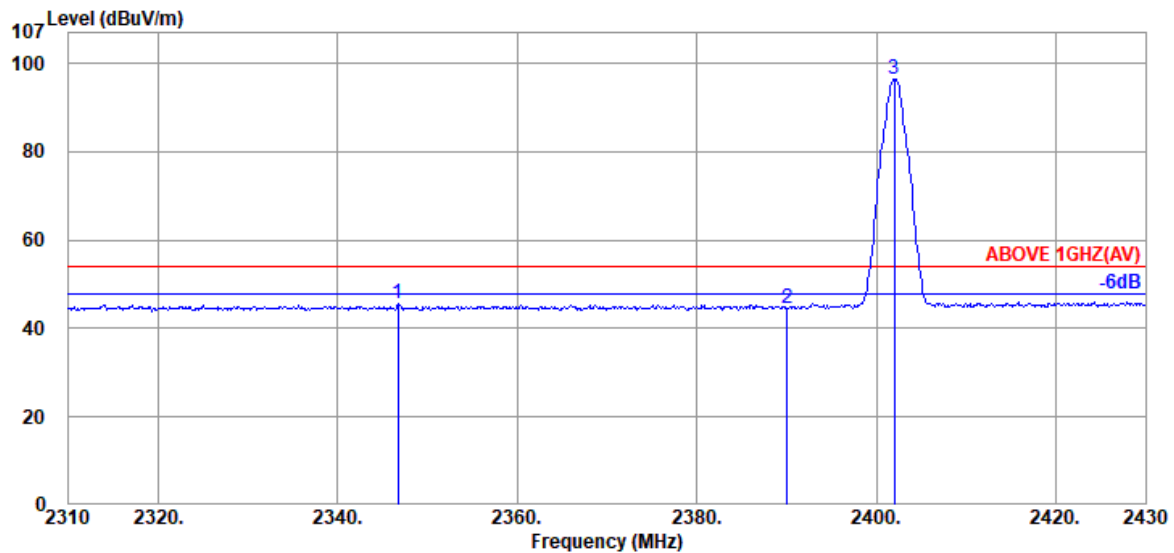
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (2M)	Frequency	TX 2402MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2354.40	32.30	8.49	34.57	50.50	56.72	74.00	17.28	Peak
2390.04	32.44	8.52	34.58	48.69	55.07	74.00	18.93	Peak
@ 2402.52	32.50	8.53	34.59	91.82	98.26	---	---	Peak

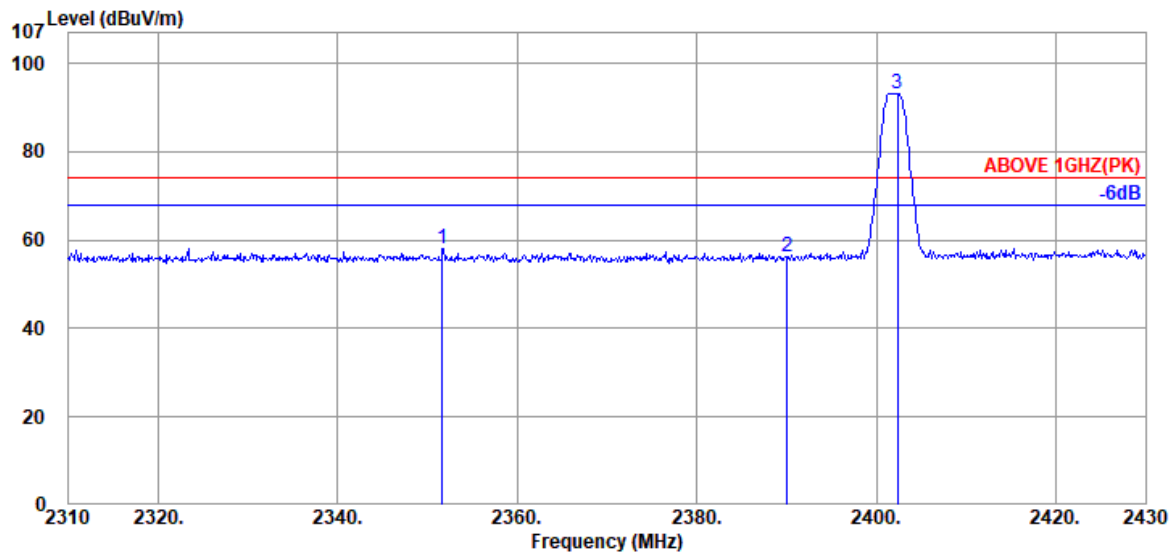


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2346.72	32.24	8.48	34.57	39.58	45.73	54.00	8.27	Average
2390.04	32.44	8.52	34.58	38.35	44.73	54.00	9.27	Average
@ 2402.04	32.50	8.52	34.59	90.14	96.57	---	---	Average

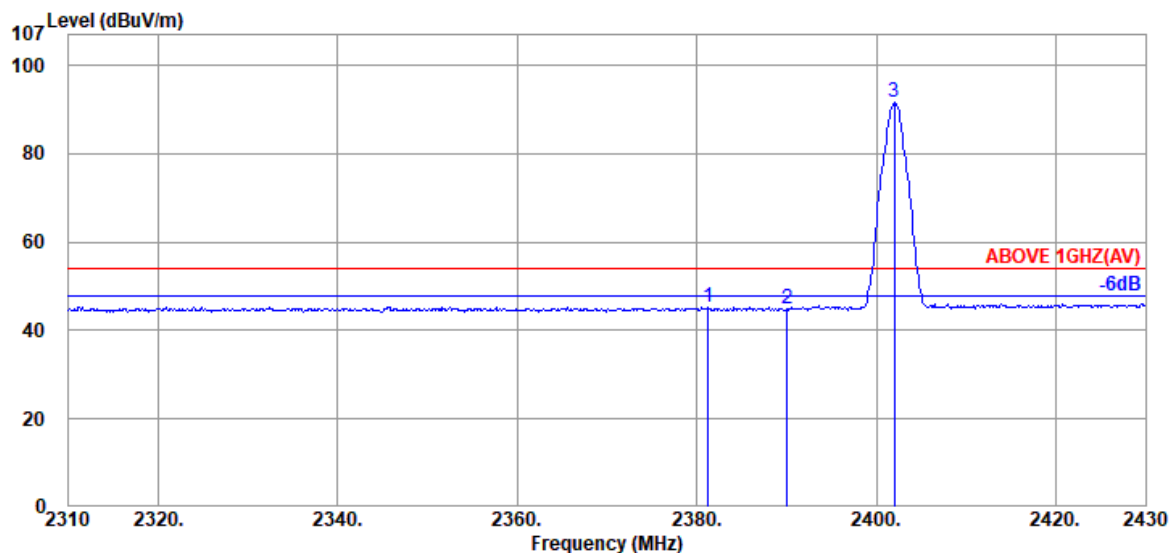
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (2M)	Frequency	TX 2402MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2351.64	32.30	8.49	34.57	51.88	58.10	74.00	15.90	Peak
2390.04	32.44	8.52	34.58	49.80	56.18	74.00	17.82	Peak
@ 2402.40	32.50	8.52	34.59	86.83	93.26	---	---	Peak

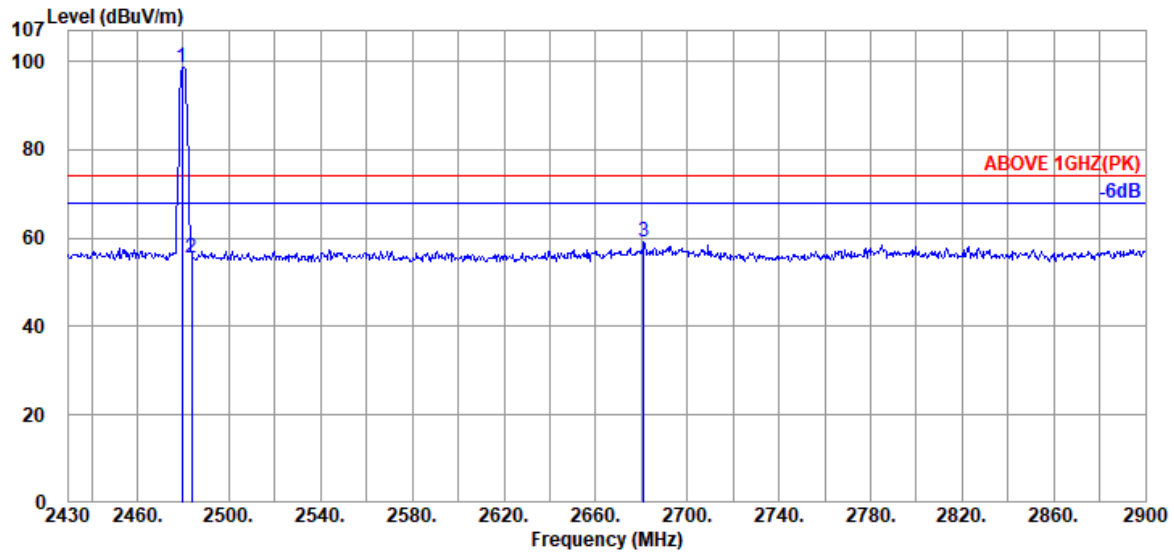


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2381.28	32.41	8.51	34.58	39.08	45.42	54.00	8.58	Average
2390.04	32.44	8.52	34.58	38.38	44.76	54.00	9.24	Average
@ 2402.04	32.50	8.52	34.59	85.09	91.52	---	---	Average

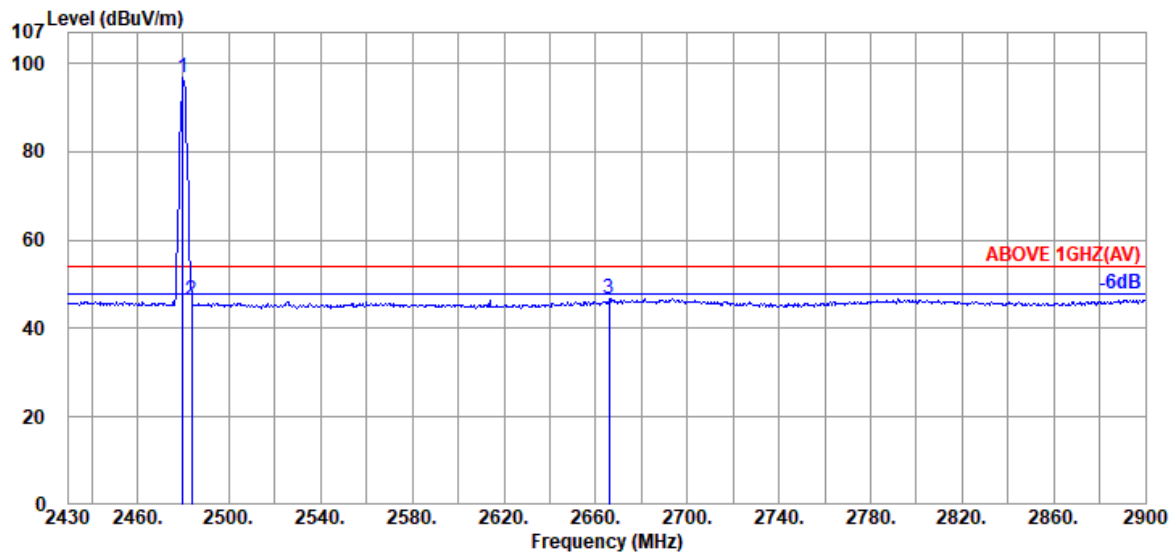
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (2M)	Frequency	TX 2480MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.35	32.11	8.58	34.60	92.41	98.50	---	---	Peak
2483.58	32.14	8.58	34.61	49.36	55.47	74.00	18.53	Peak
2680.98	32.31	8.63	34.64	52.85	59.15	74.00	14.85	Peak

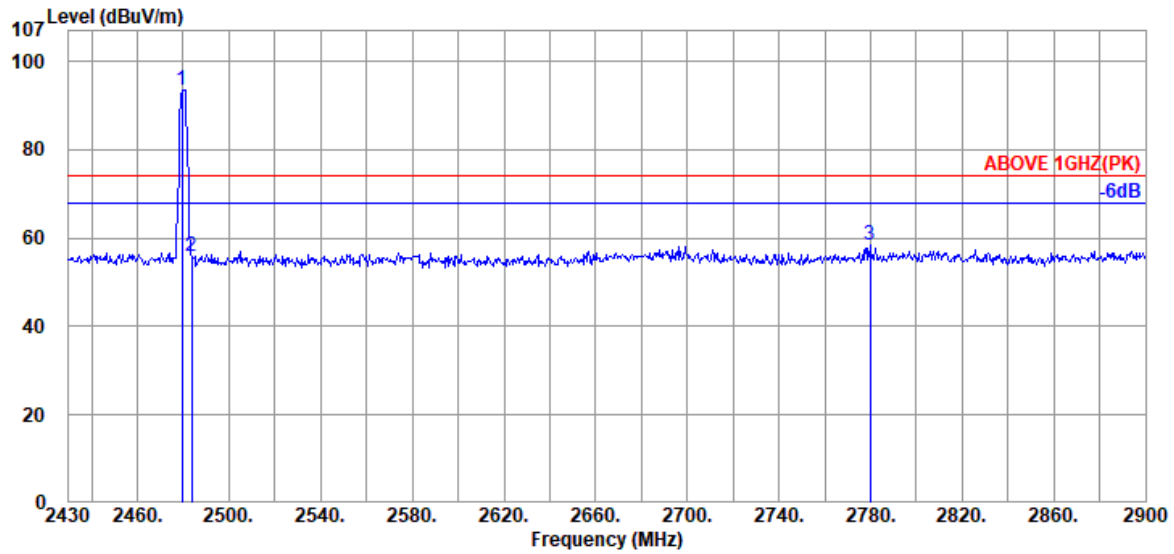


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.82	32.11	8.58	34.60	90.66	96.75	---	---	Average
2483.58	32.14	8.58	34.61	40.27	46.38	54.00	7.62	Average
2665.94	32.26	8.63	34.64	40.43	46.68	54.00	7.32	Average

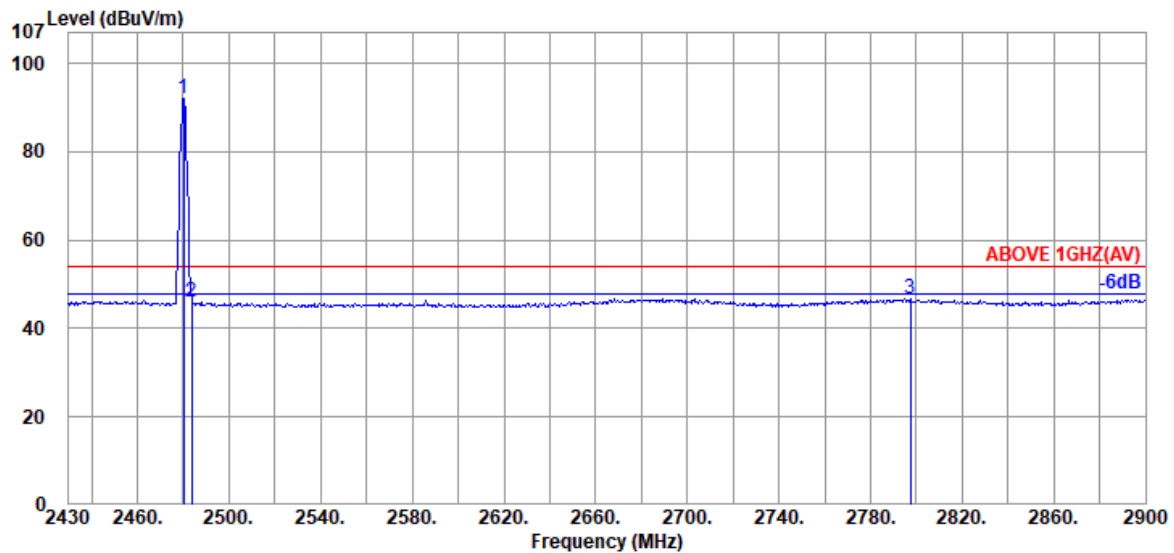
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE (2M)	Frequency	TX 2480MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.35	32.11	8.58	34.60	87.45	93.54	---	---	Peak
2483.58	32.14	8.58	34.61	49.79	55.90	74.00	18.10	Peak
2779.68	32.53	8.66	34.66	51.94	58.47	74.00	15.53	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.29	32.11	8.58	34.60	85.84	91.93	---	---	Average
2483.58	32.14	8.58	34.61	39.75	45.86	54.00	8.14	Average
2797.54	32.60	8.66	34.67	40.05	46.64	54.00	7.36	Average

備註：“@”為主波，在此章節是不予以判定。

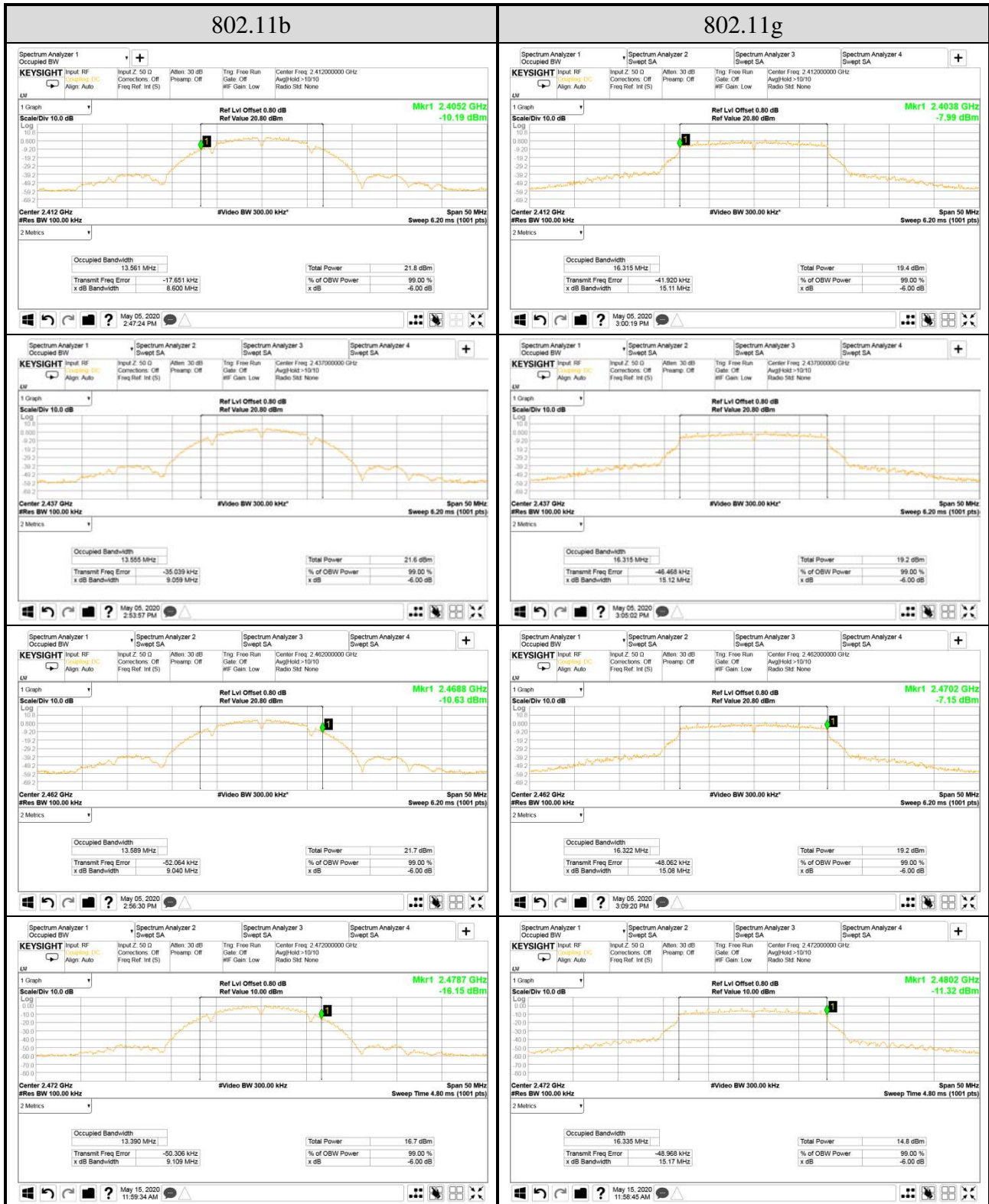
3. 發射頻寬之量測

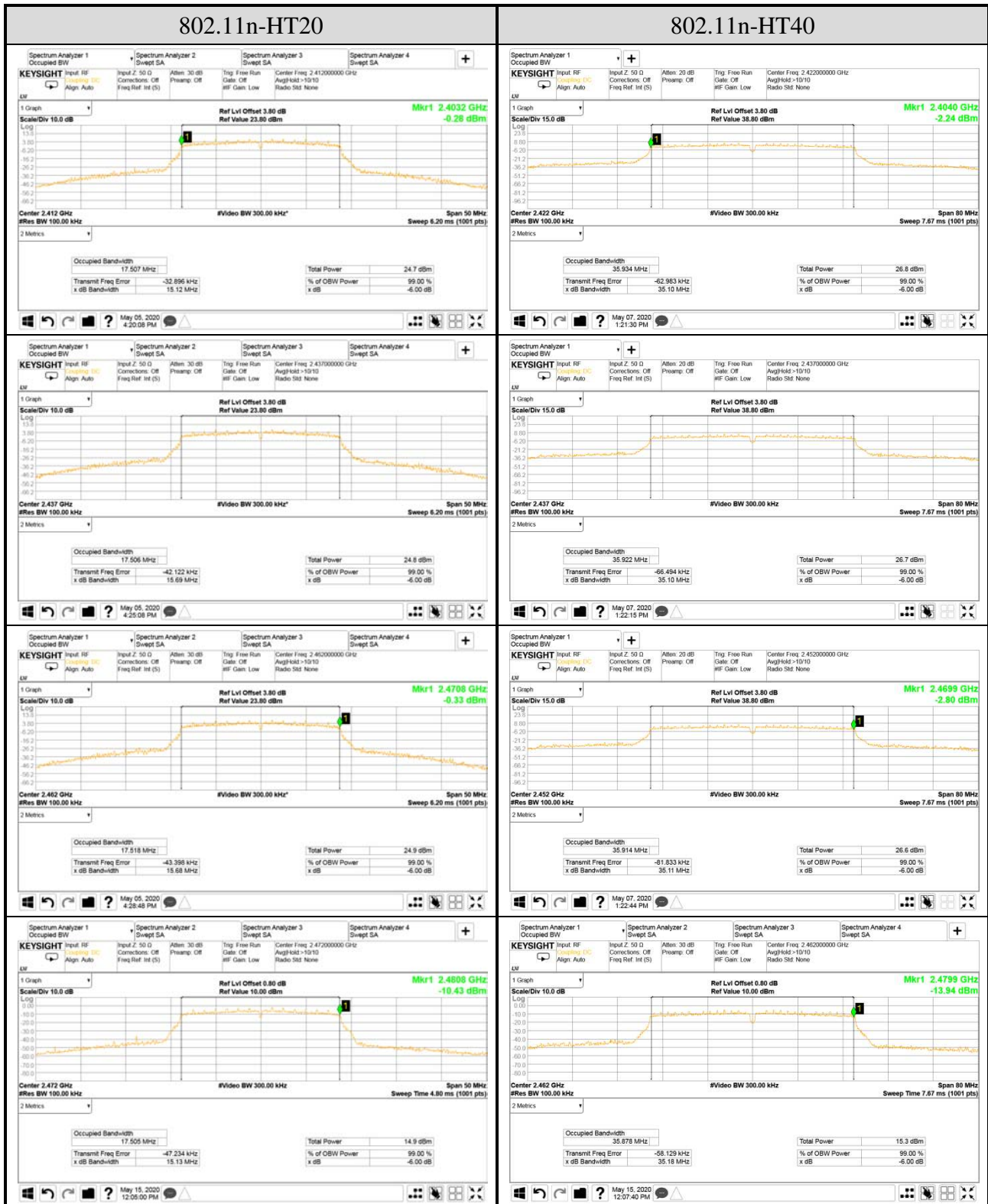
測試日期	2020/04/24 ~ 05/15	環境溫/濕度	22 ~ 25°C/45 ~ 62%
電纜損失	WLAN: 0.8dB, BLE: 1.3dB	測試人員	Sean Wang
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)		

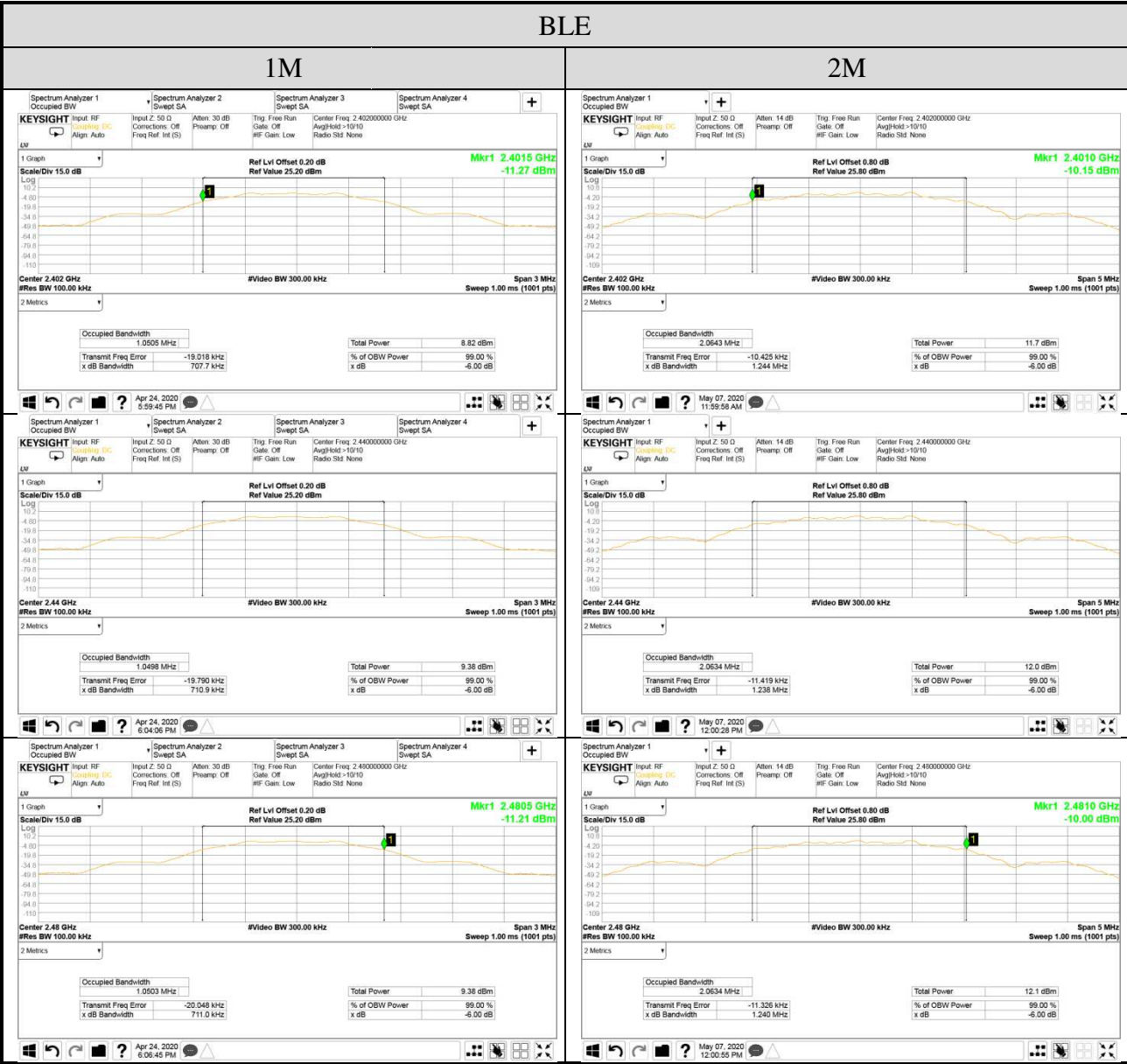
3.1. 發射頻寬

模式	測試頻率 (MHz)	6dB 頻寬 (MHz)	限制值 (kHz)
802.11b	2412	8.600	>500
	2437	9.059	
	2462	9.040	
	2472	9.109	
802.11g	2412	15.11	
	2437	15.12	
	2462	15.08	
	2472	15.17	
802.11n-HT20	2412	15.12	
	2437	15.69	
	2462	15.68	
	2472	15.13	
802.11n-HT40	2422	35.10	
	2437	35.10	
	2452	35.11	
	2462	35.18	
BLE (1M)	2402	0.7077	
	2440	0.7109	
	2480	0.7110	
BLE (2M)	2402	1.244	
	2440	1.238	
	2480	1.240	
BLE (PHY Coded S2)	2402	0.7057	
	2440	0.7048	
	2480	0.7047	
BLE (PHY Coded S8)	2402	0.7081	
	2440	0.7075	
	2480	0.7086	

3.2. 發射頻寬之量測圖







4. 峰值輸出功率之量測

測試日期	2020/04/24 ~ 05/15	環境溫/濕度	22 ~ 25°C / 45 ~ 62%
電纜損失	WLAN: 0.8dB, BLE: 1.3dB	測試人員	Sean Wang
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	Duty Cycle	802.11b: 1.000 802.11g: 0.977 802.11n-HT20: 0.975 802.11n-HT40: 0.913

4.1. 峰值輸出功率

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. PeakOutput Power		Limit
		Chain 0	Chain 1	(dBm)	(W)	
802.11b	2412	18.19	18.66	18.66	0.073451	<30dBm (1W)
	2437	18.26	18.53	18.53	0.071285	
	2462	18.16	18.83	18.83	0.076384	
	2467	12.85	13.49	13.49	0.022336	
	2472	11.20	11.74	11.74	0.014928	

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Max. PeakOutput Power		Limit
		Chain 0	Chain 1	(dBm)	(W)	
802.11g	2412	23.01	23.78	23.78	0.238781	<30dBm (1W)
	2437	22.87	23.51	23.51	0.224388	
	2462	22.66	23.33	23.33	0.215278	
	2467	16.37	16.84	16.84	0.048306	
	2472	16.20	16.76	16.76	0.047424	

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total PeakOutput Power		Limit
		Chain 0	Chain 1	(dBm)	(W)	
802.11n-HT20	2412	21.47	21.87	24.68	0.293765	<30dBm (1W)
	2437	21.83	22.12	24.99	0.315500	
	2462	21.69	22.03	24.87	0.306902	
	2467	16.71	17.14	19.94	0.098628	
	2472	15.23	15.82	18.55	0.071614	

Mode	Centre Frequency (MHz)	Peak Output Power (dBm)		Total PeakOutput Power		Limit
		Chain 0	Chain 1	(dBm)	(W)	
802.11n-HT40	2422	20.22	21.06	23.67	0.232809	<30dBm (1W)
	2437	20.67	21.23	23.97	0.249459	
	2452	20.55	21.11	23.85	0.242661	
	2457	15.52	16.04	18.80	0.075858	
	2462	15.60	16.11	18.87	0.077090	

模式 (Mode)	傳輸速率	測試頻率 (MHz)	最大輸出功率 (dBm)	限制值 (dBm)
BLE	1M	2402	3.73	30
		2440	4.30	
		2480	4.25	
	2M	2402	3.68	30
		2440	4.26	
		2480	4.23	
	PHY Coded S2	2402	3.71	30
		2440	4.26	
		2480	4.23	
	PHY Coded S8	2402	3.72	30
		2440	4.29	
		2480	4.25	

4.2. 平均輸出功率(參考用)

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max. Average Output Power		Limit
		Chain 0	Chain 1		(dBm)	(W)	
802.11b	2412	15.82	16.51	N/A	16.51	0.044771	<30dBm (1W)
	2437	15.98	16.40		16.40	0.043652	
	2462	15.91	16.65		16.65	0.046238	
	2467	10.94	11.46		11.46	0.013996	
	2472	9.08	9.67		9.67	0.009268	

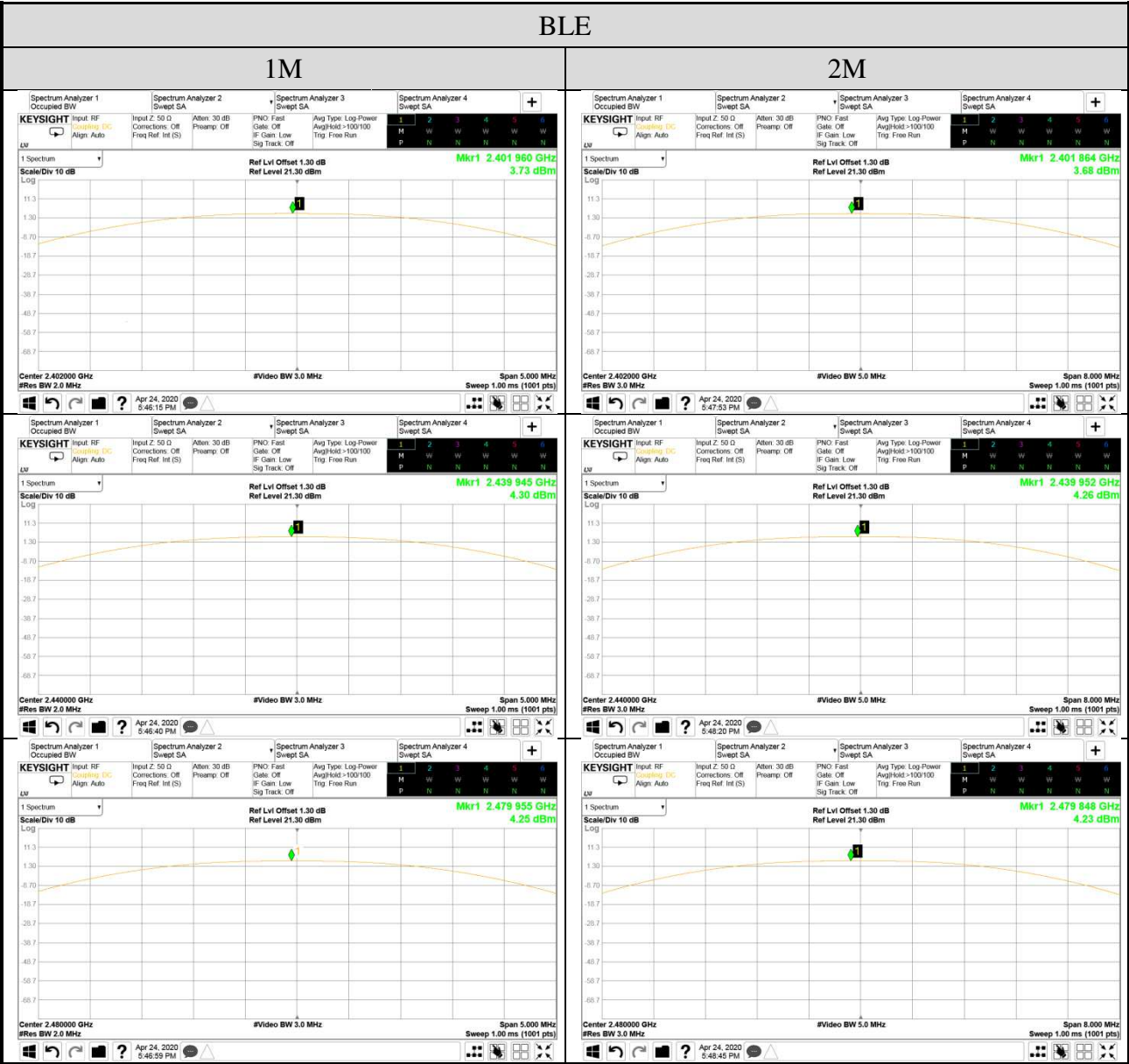
Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Max. Average Output Power		Limit
		Chain 0	Chain 1		(dBm)	(W)	
802.11g	2412	13.62	14.16	0.10	14.16	0.026062	<30dBm (1W)
	2437	13.39	13.89		13.89	0.024491	
	2462	13.53	14.02		14.02	0.025235	
	2467	8.25	8.72		8.72	0.007447	
	2472	7.23	7.85		7.85	0.006095	

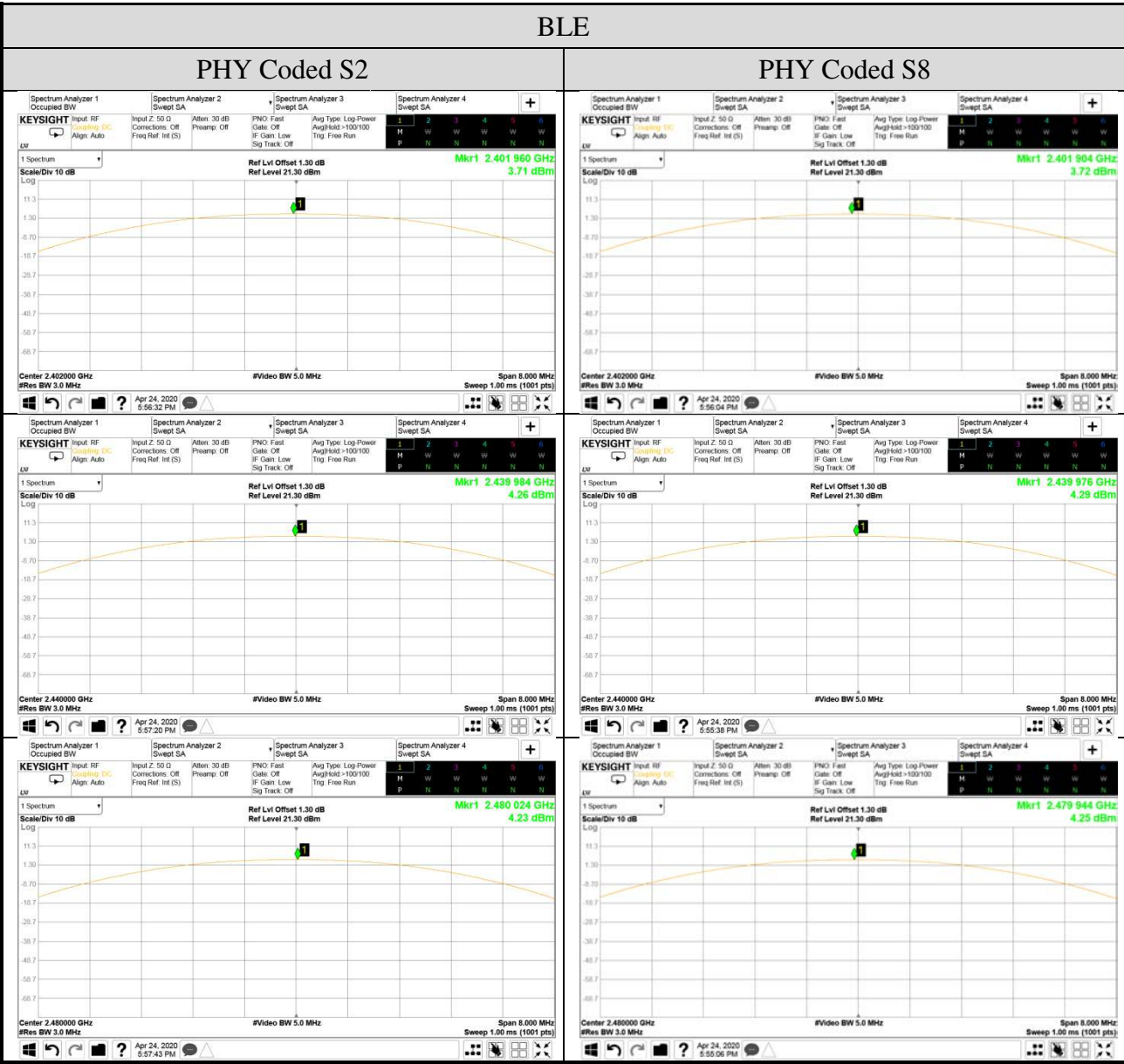
Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Limit
		Chain 0	Chain 1		(dBm)	(W)	
802.11n-HT20	2412	13.27	13.76	0.11	16.64	0.046132	<30dBm (1W)
	2437	13.40	13.92		16.79	0.047753	
	2462	13.37	13.91		16.77	0.047534	
	2467	8.04	8.68		11.49	0.014093	
	2472	7.21	7.75		10.61	0.011508	

Mode	Centre Frequency (MHz)	Average Output Power (dBm)		10log (1/X)	Total Average Output Power		Limit
		Chain 0	Chain 1		(dBm)	(W)	
802.11n-HT40	2422	12.09	12.97	0.40	15.96	0.039446	<30dBm (1W)
	2437	12.37	13.06		16.13	0.041020	
	2452	12.30	13.00		16.07	0.040458	
	2457	7.01	7.57		10.70	0.011749	
	2462	7.09	7.64		10.78	0.011967	

註：當 Duty cycle<98%，最大輸出功率必需要加上 duty cycle factor 10log(1/x)。(x=duty cycle)

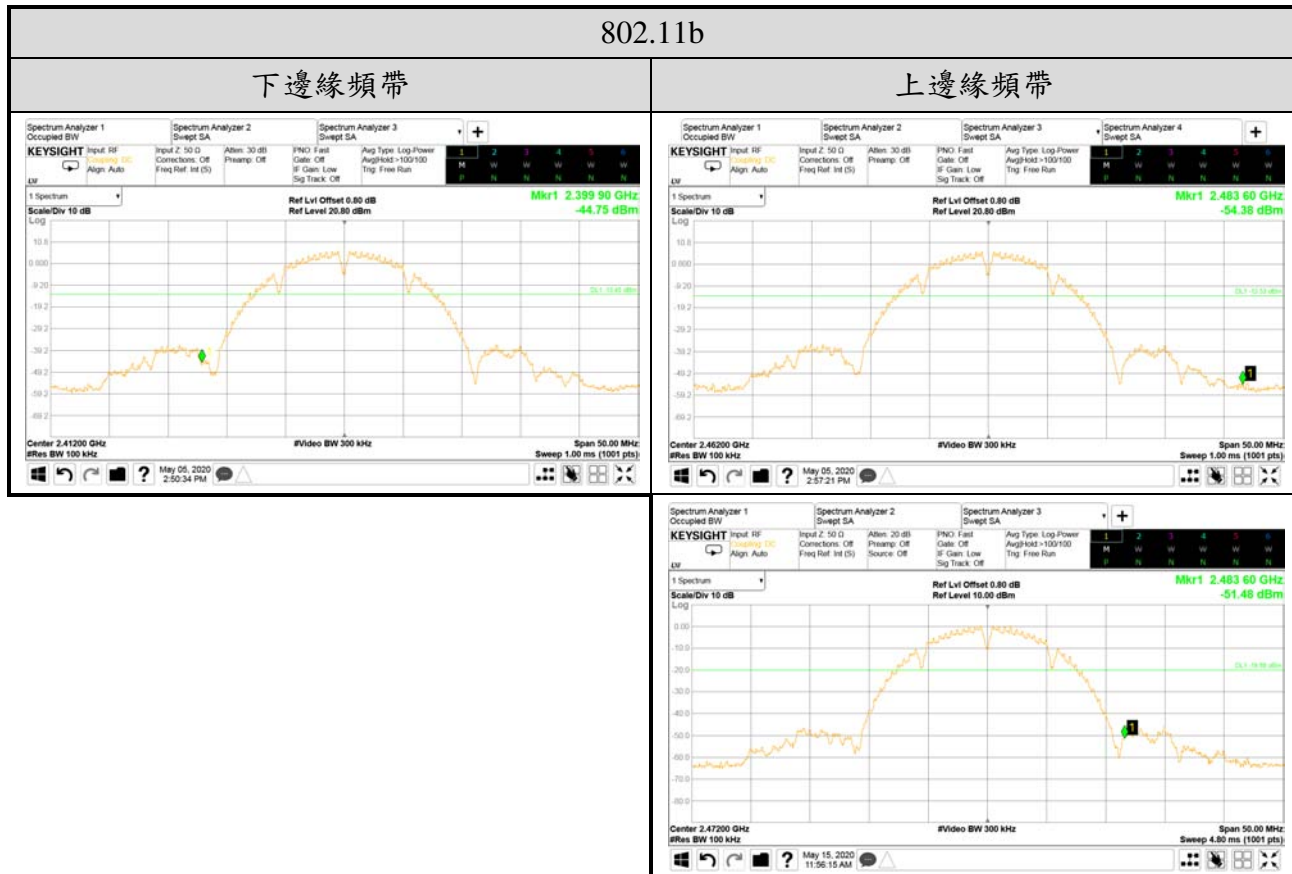
4.3. 峰值輸出功率之量測圖





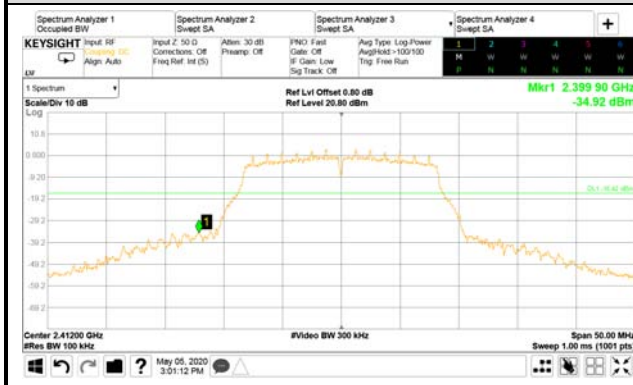
5. 頻帶邊緣之 RF 傳導發射之量測

測試日期	2020/04/24 ~ 05/15	環境溫/濕度	22 ~ 25°C/45 ~ 62%
電纜損失	WLAN: 0.8dB, BLE: 1.3dB	測試人員	Sean Wang
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)		
Simultaneous Factor10 log(n) (Note: "n" is antenna number)		802.11b/g/BLE: 0, 802.11n: 3	

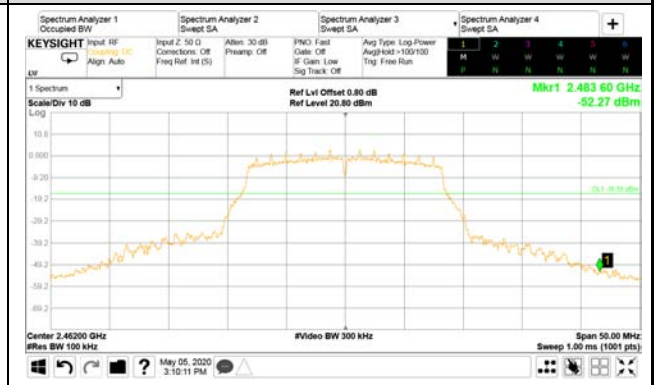


802.11g

下邊緣頻帶

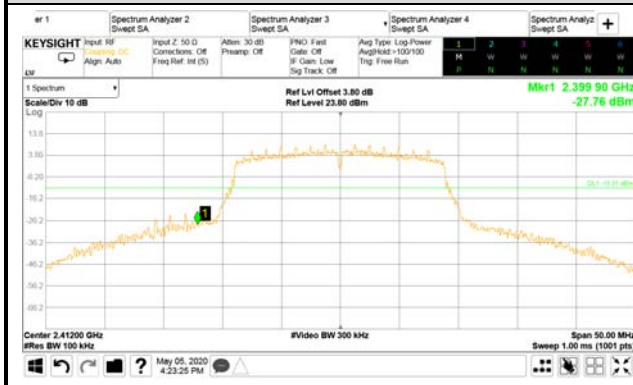


上邊緣頻帶

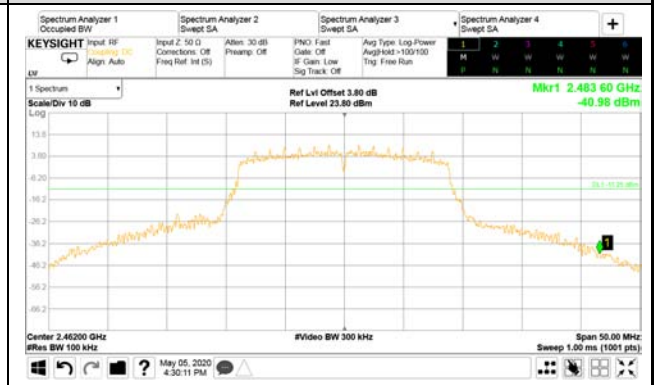


802.11n-HT20

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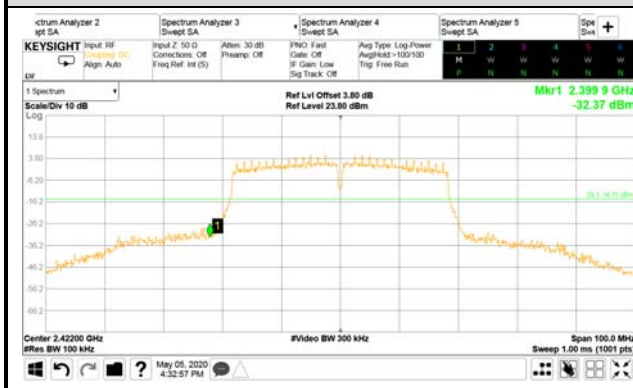


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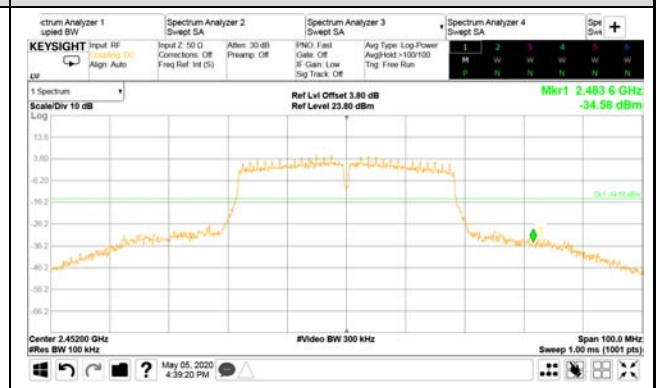


802.11n-HT40

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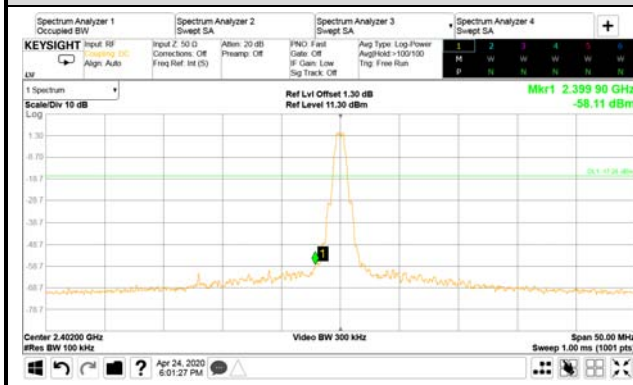


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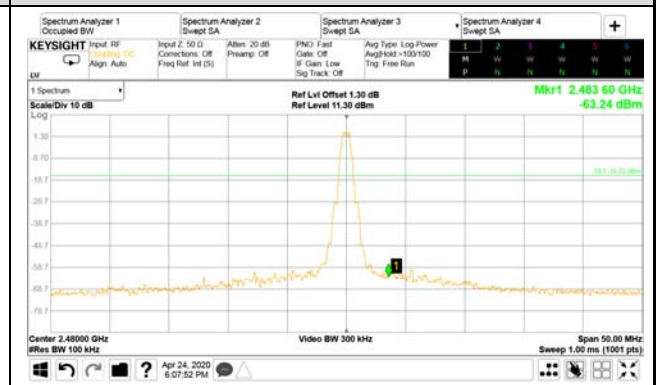


BLE (1M)

下邊緣頻帶



上邊緣頻帶



6. 混附發射之 RF 傳導發射之量測

測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11b
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試頻率	2412MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



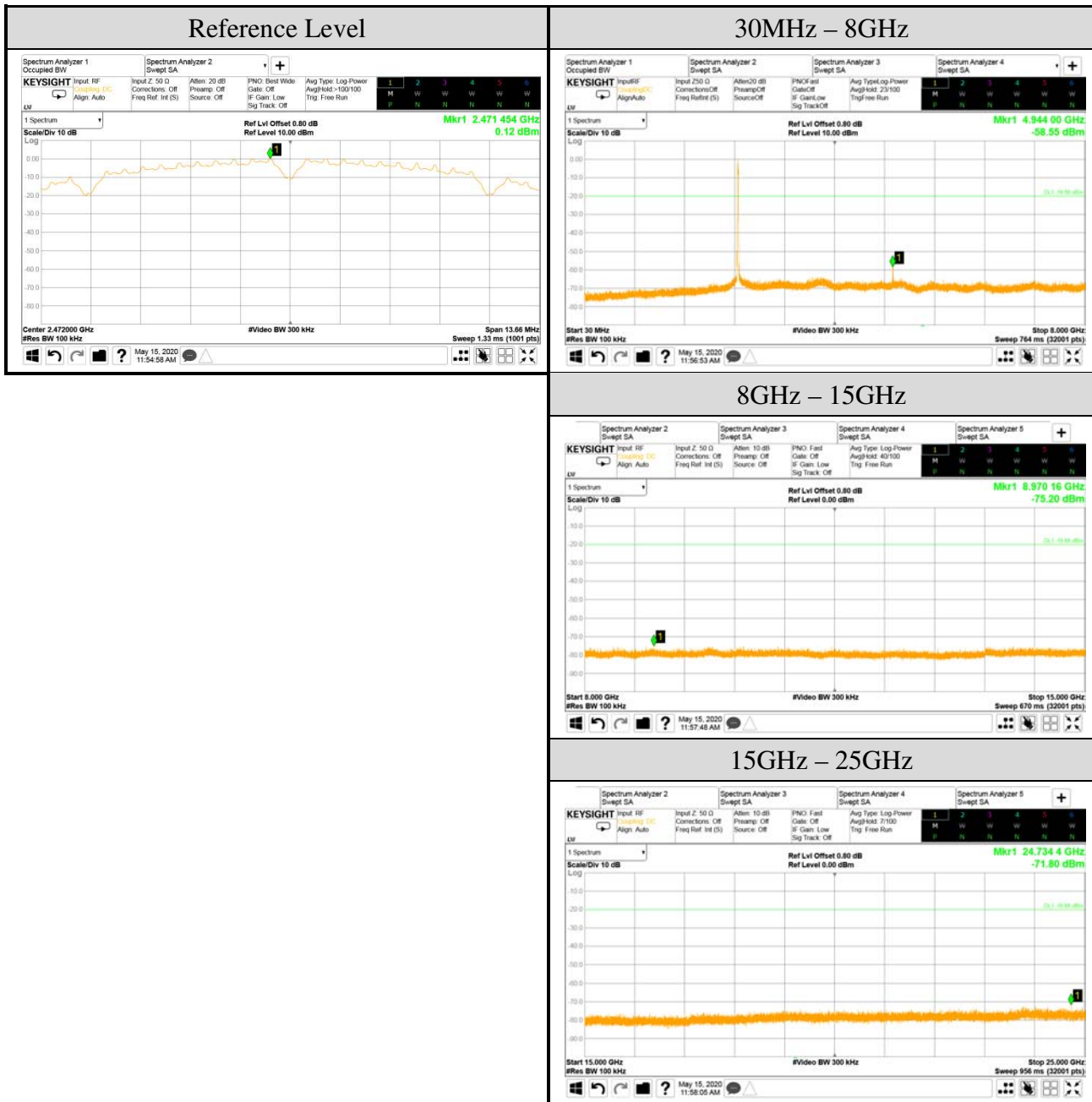
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11b
		測試頻率	2437MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



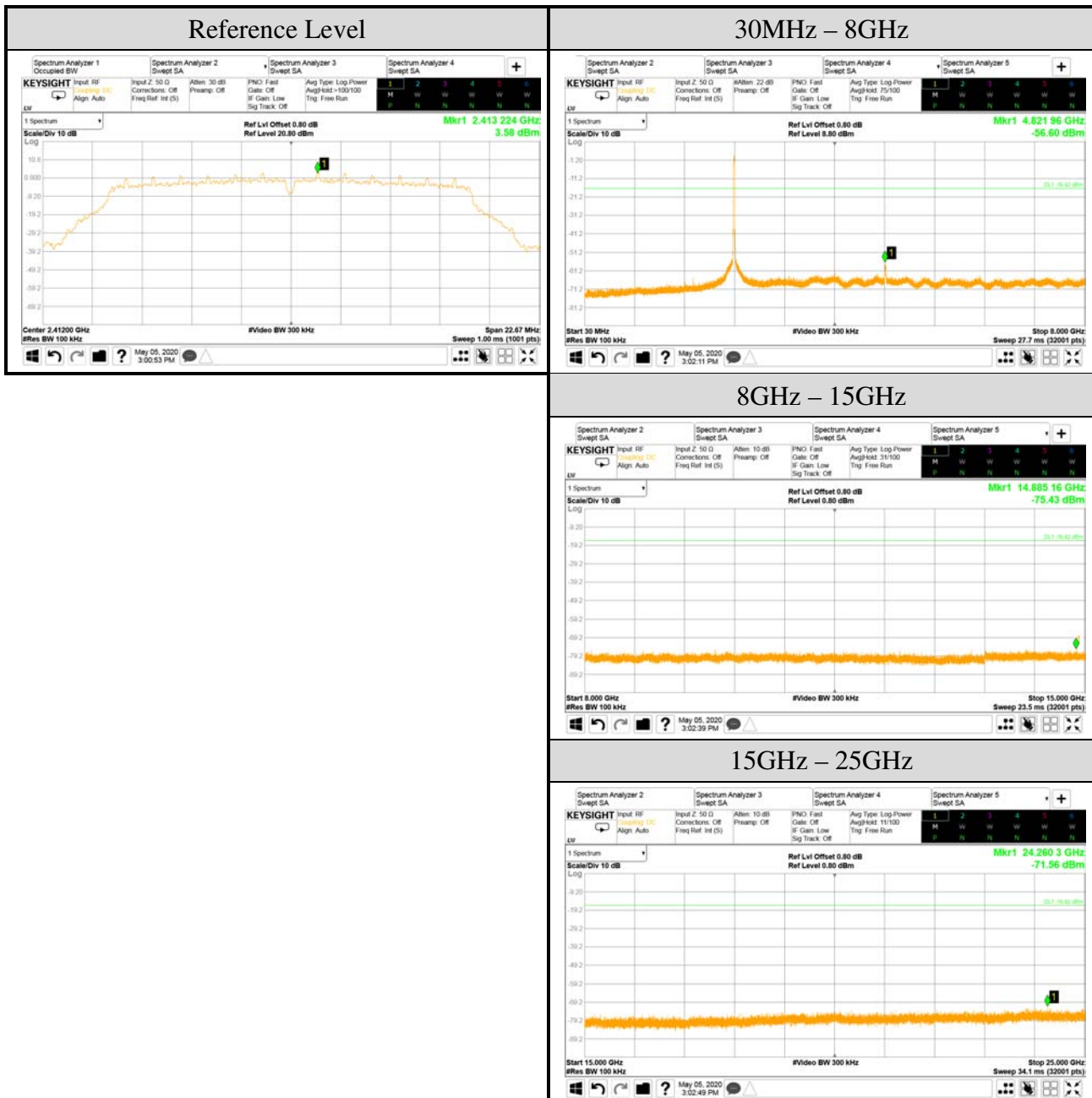
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11b
		測試頻率	2462MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



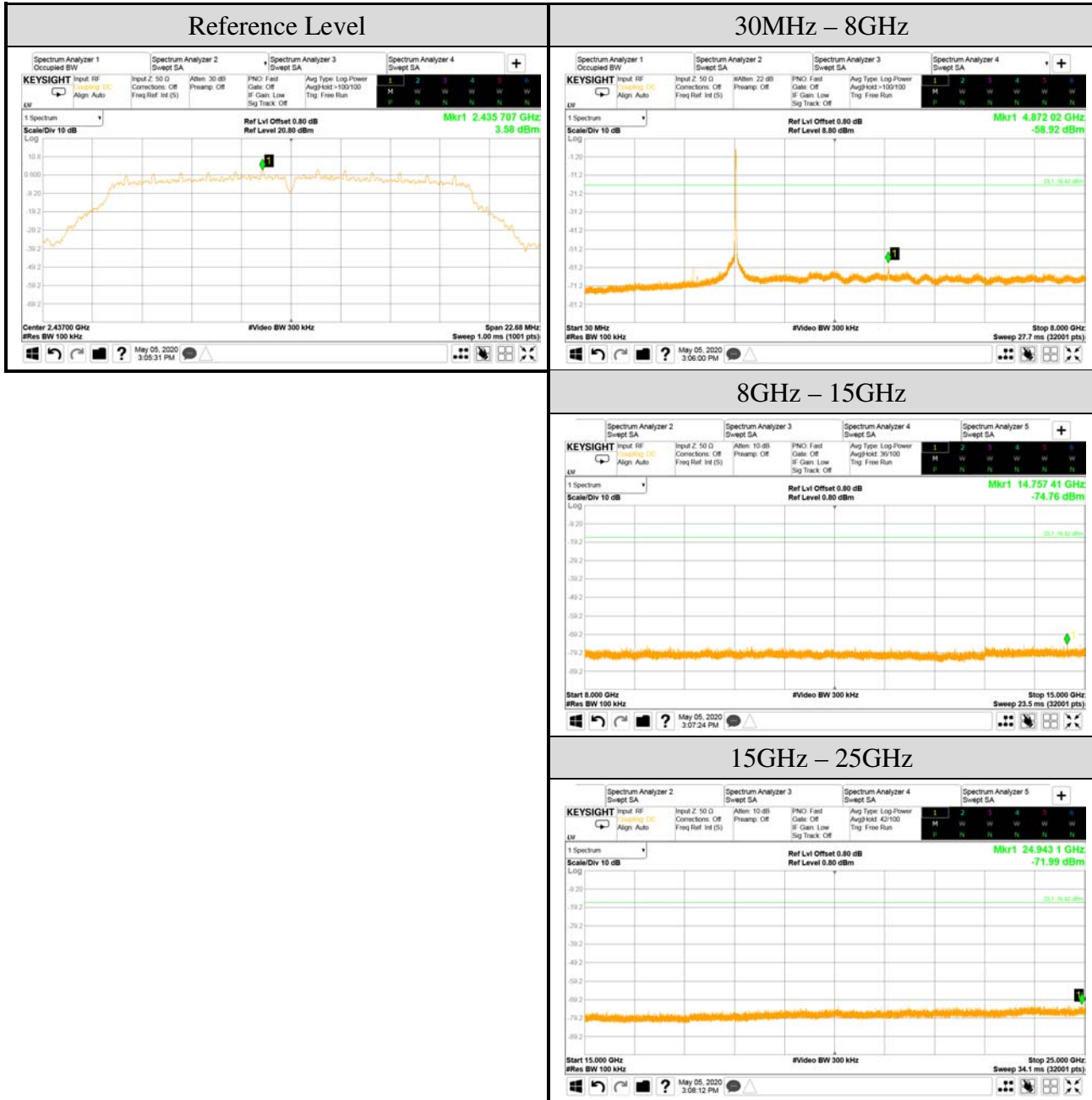
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	0.8dB	模式	802.11b
		測試頻率	2472MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



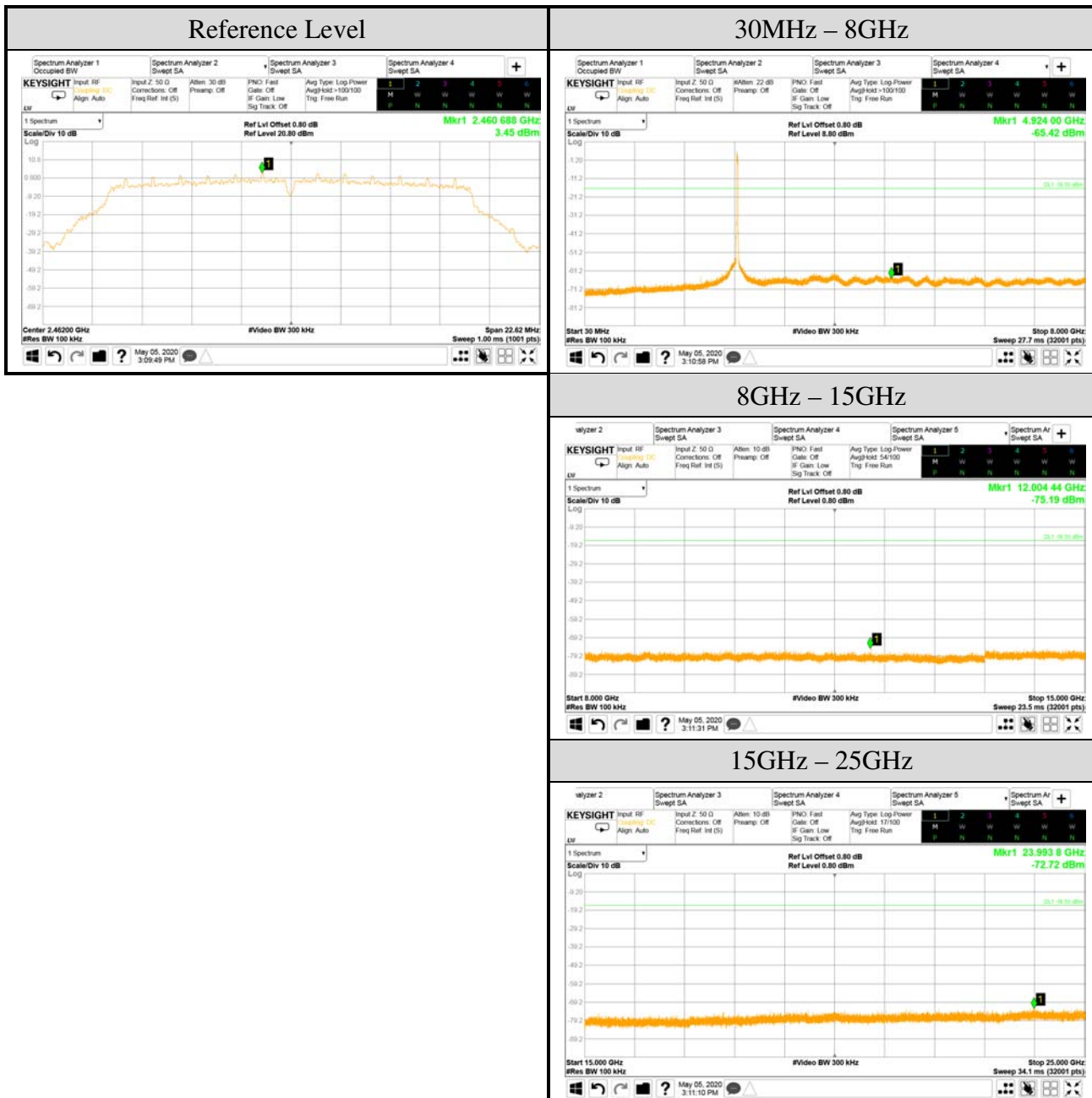
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11g
		測試頻率	2412MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



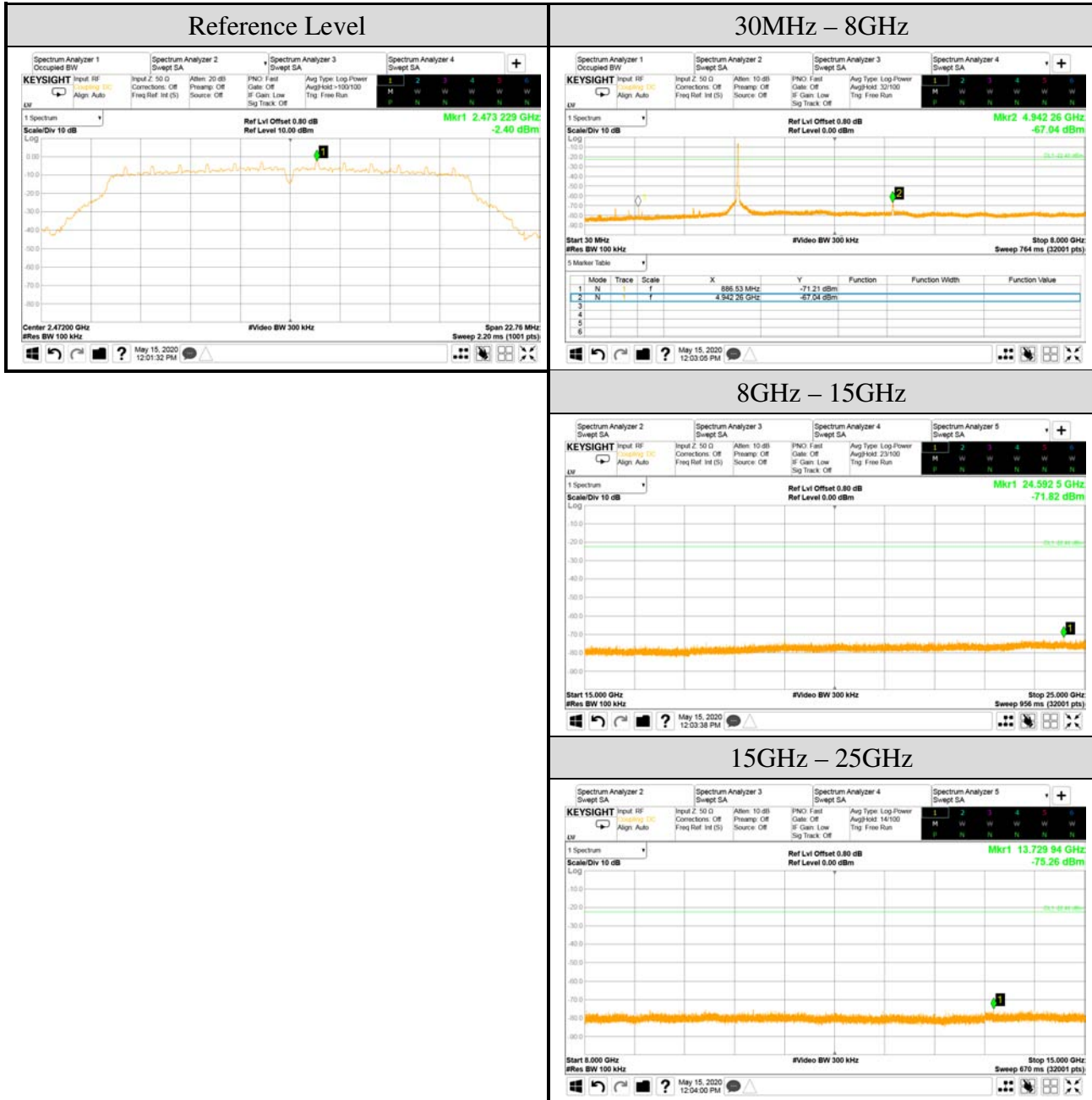
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11g
		測試頻率	2437MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



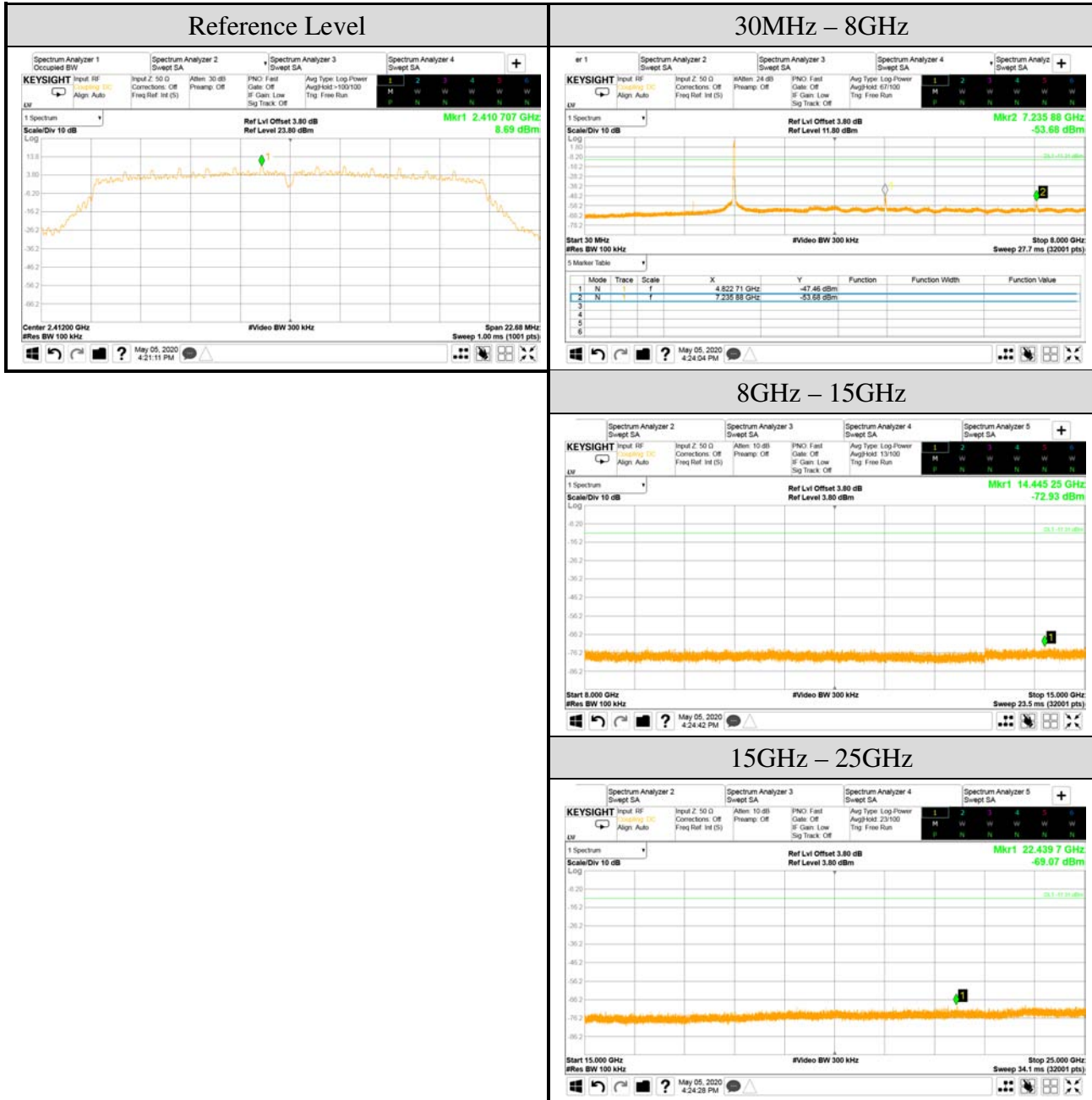
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11g
		測試頻率	2462MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



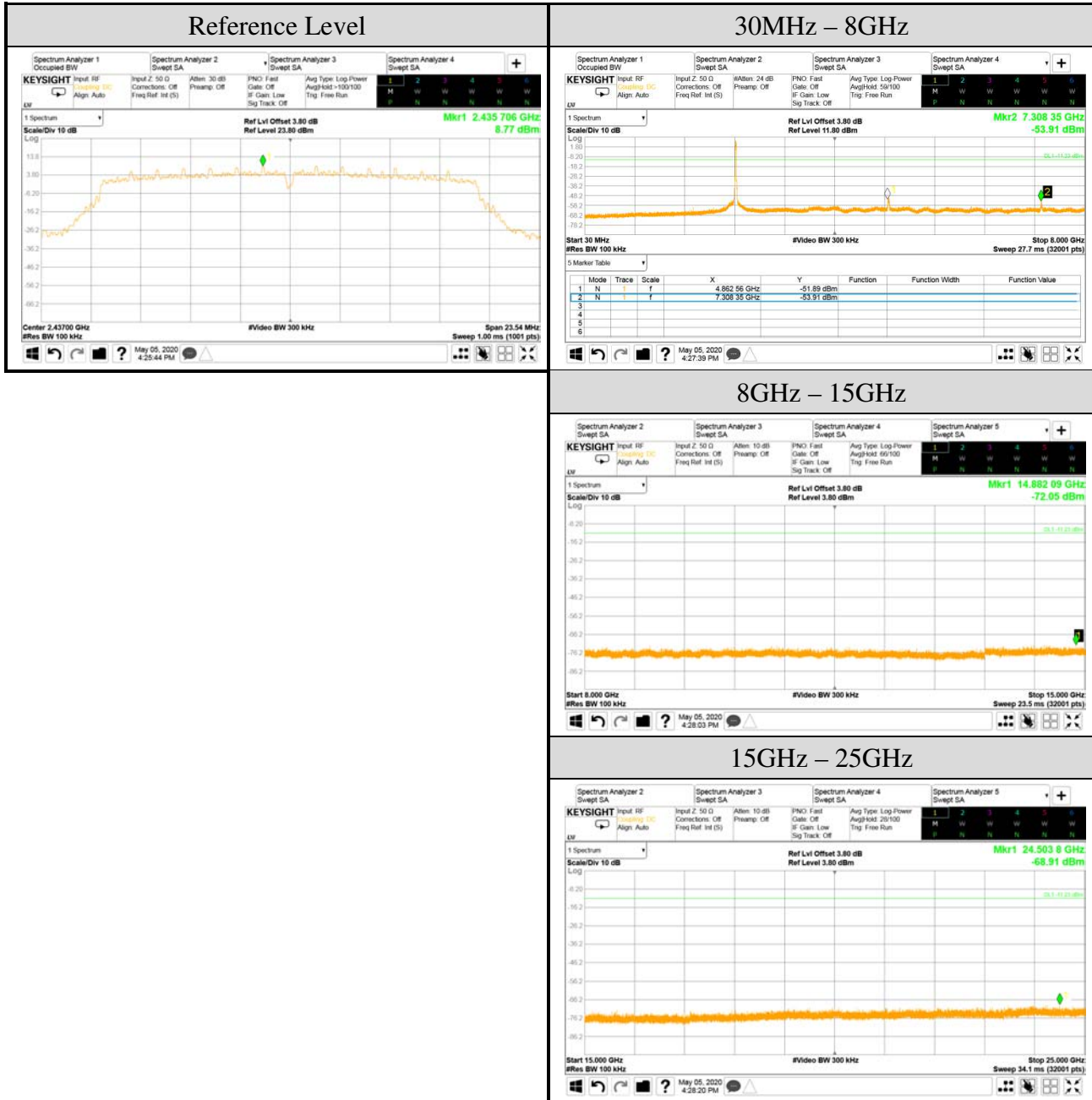
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	0.8dB	模式	802.11g
		測試頻率	2472MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



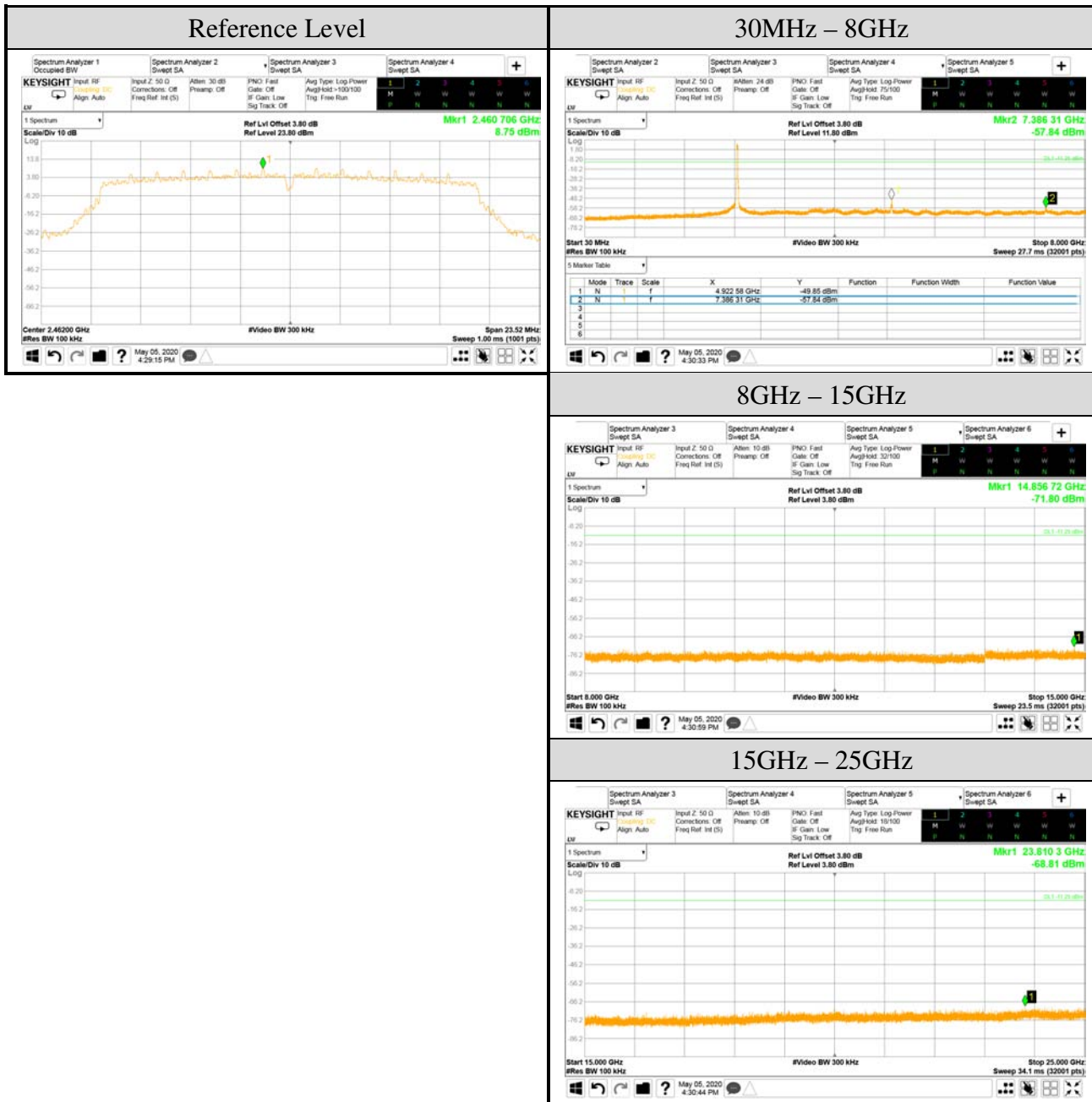
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11n-HT20
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試頻率	2412MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			3



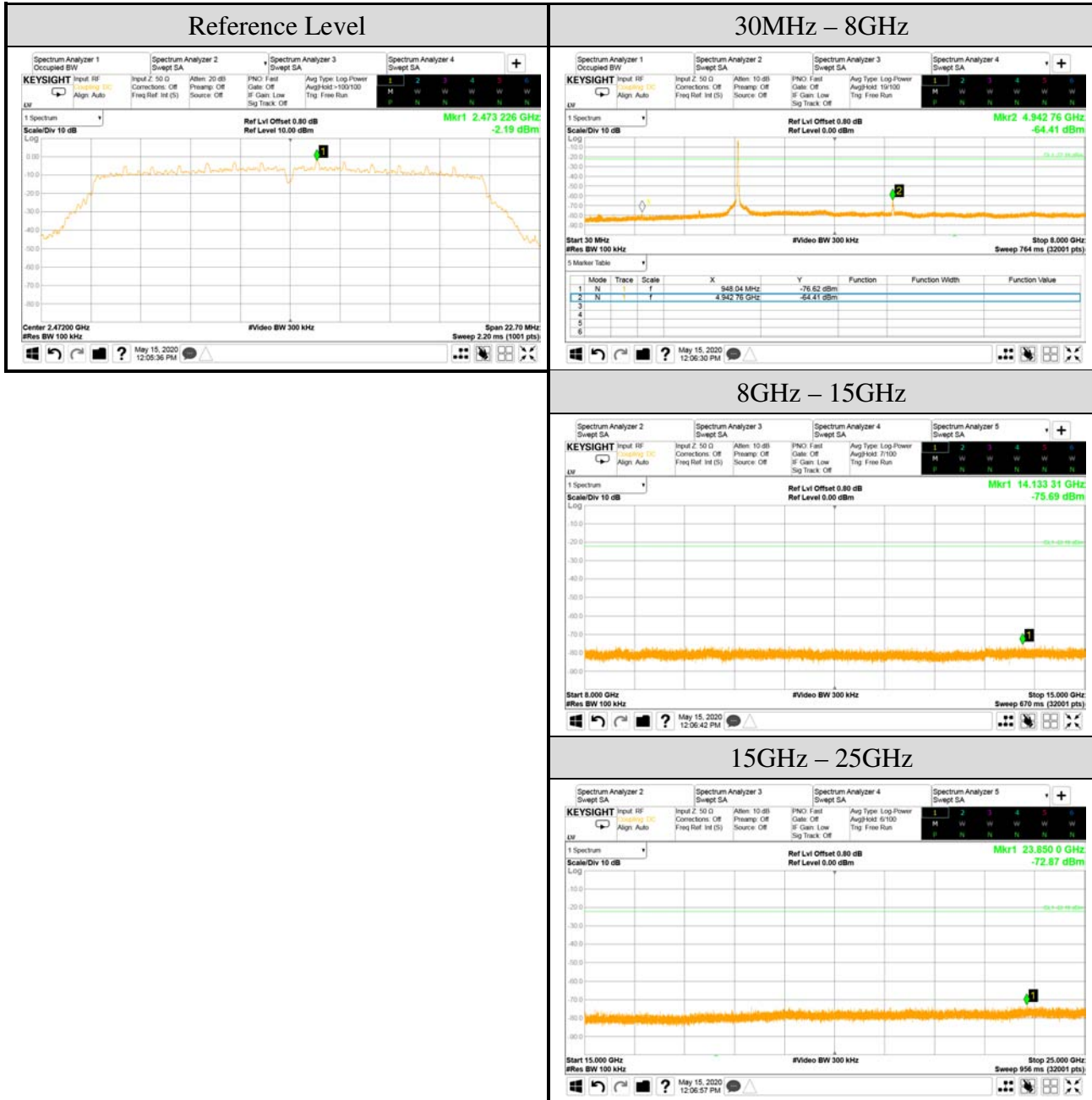
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11n-HT20
		測試頻率	2437MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			3



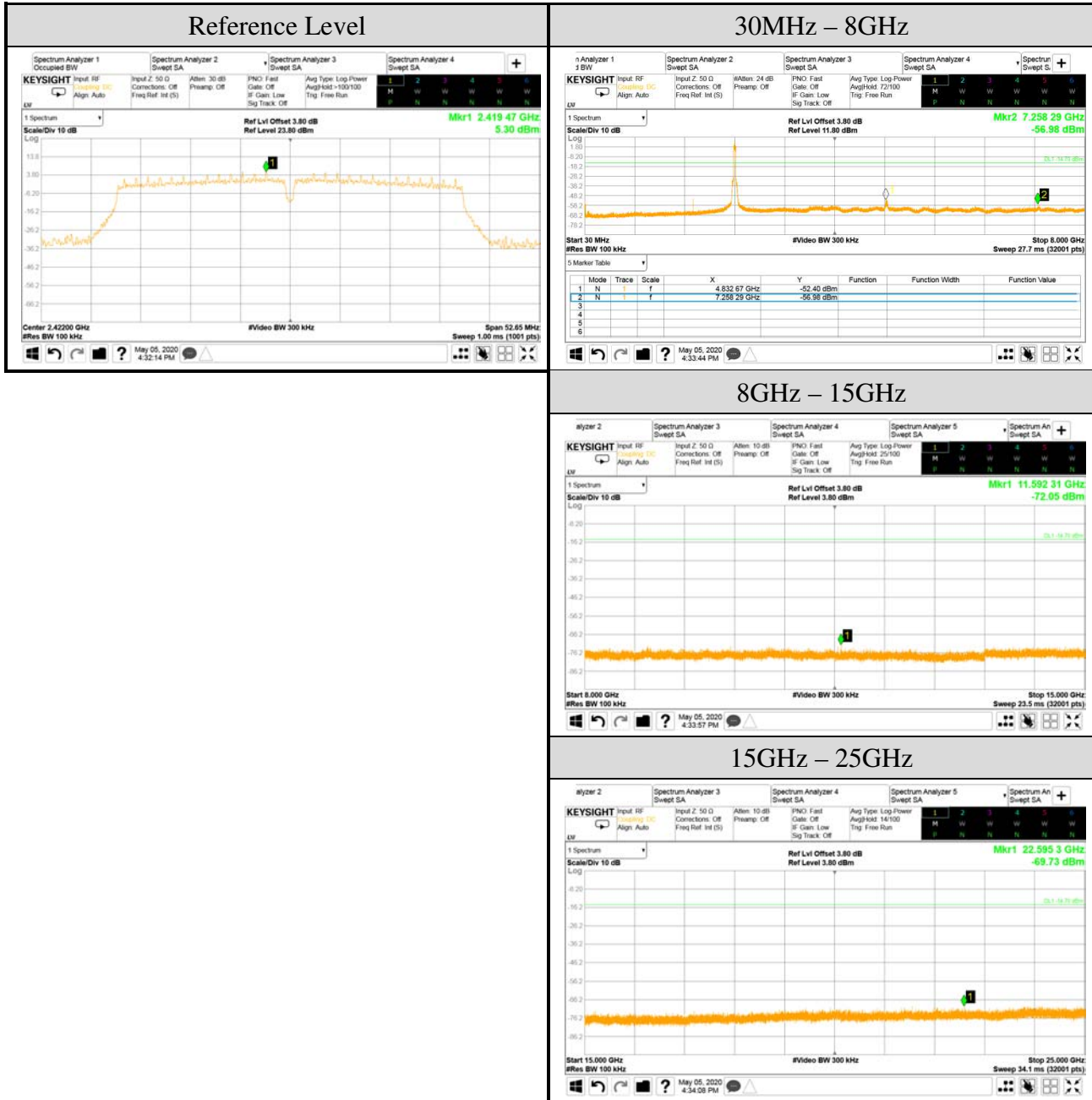
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11n-HT20
		測試頻率	2462MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			3



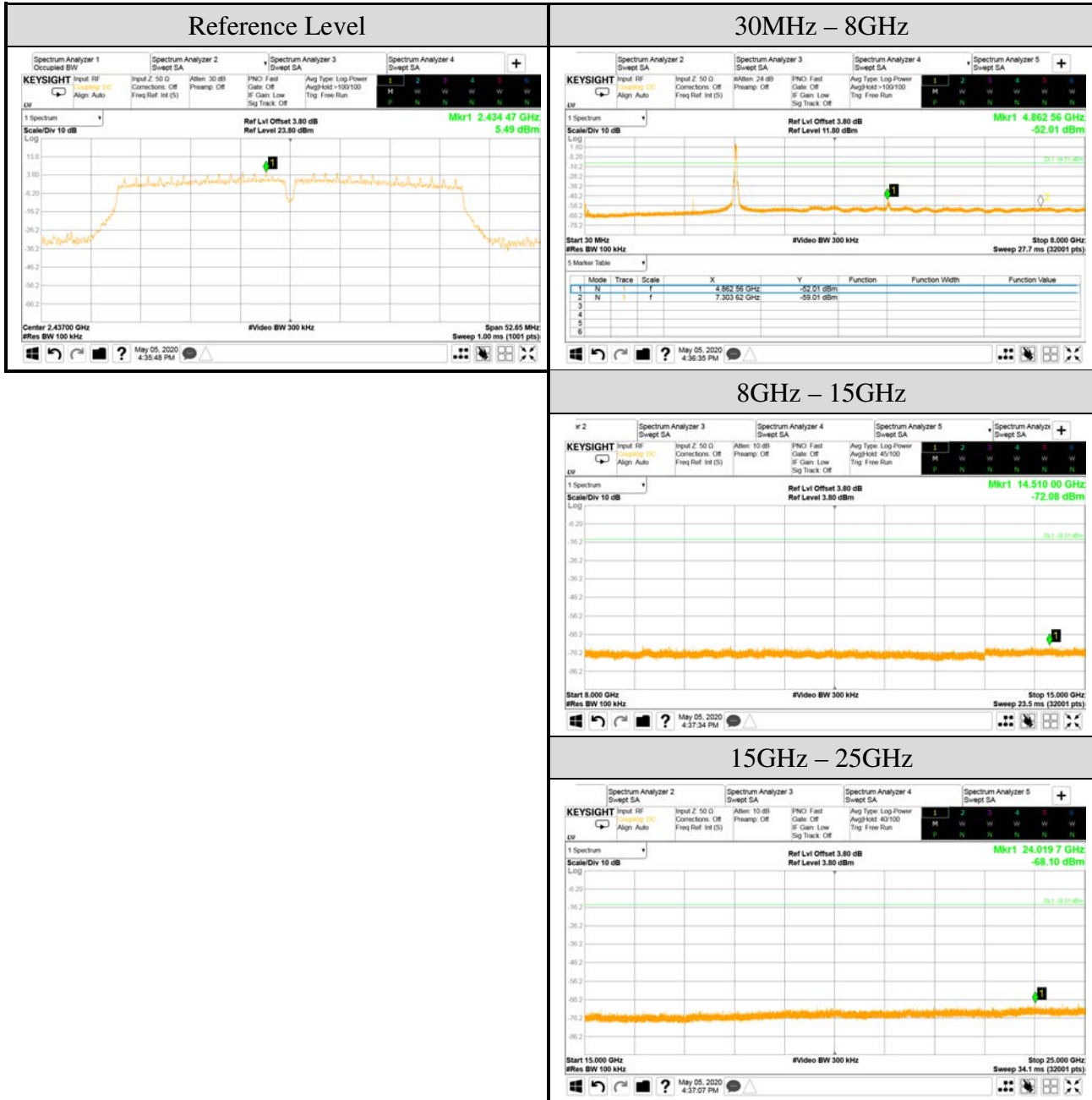
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	0.8dB	模式	802.11n-HT20
		測試頻率	2472MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



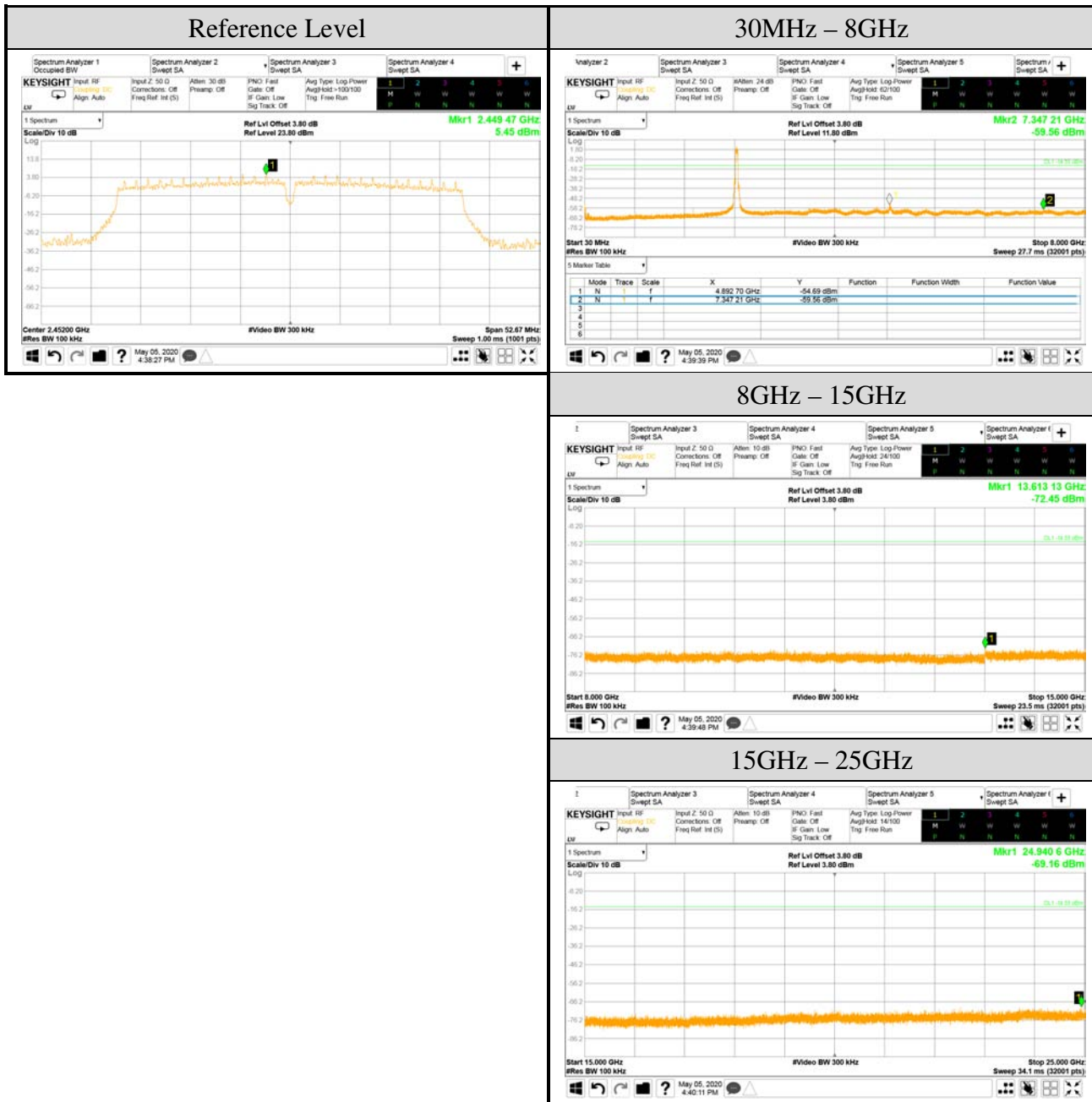
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11n-HT40
		測試頻率	2422MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			3



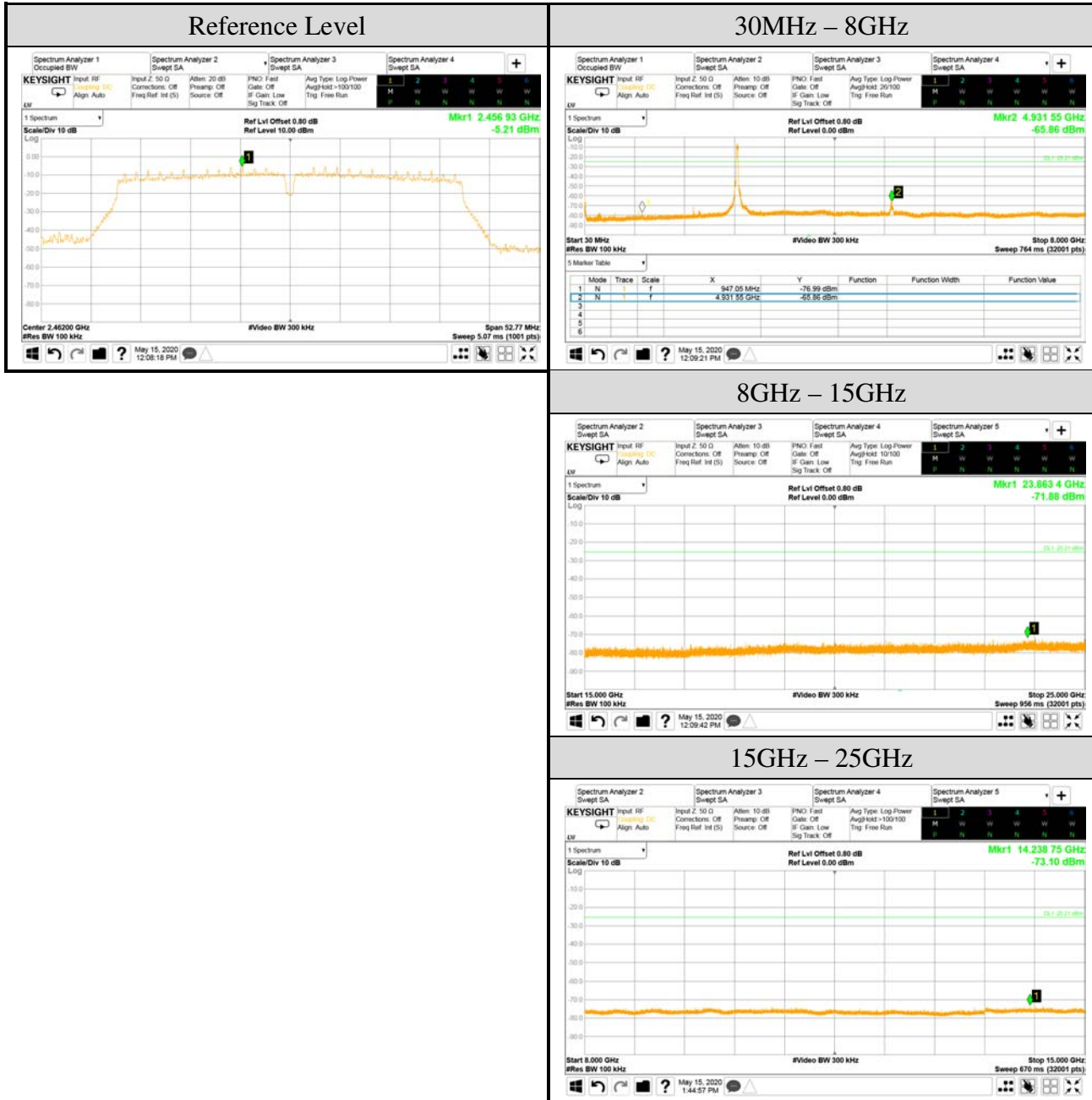
測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11n-HT40
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試頻率	2437MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			3



測試日期	2020/05/05	環境溫/濕度	23°C/52%
電纜損失	0.8dB	模式	802.11n-HT40
		測試頻率	2452MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			3



測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	0.8dB	模式	802.11n-HT40
		測試頻率	2462MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



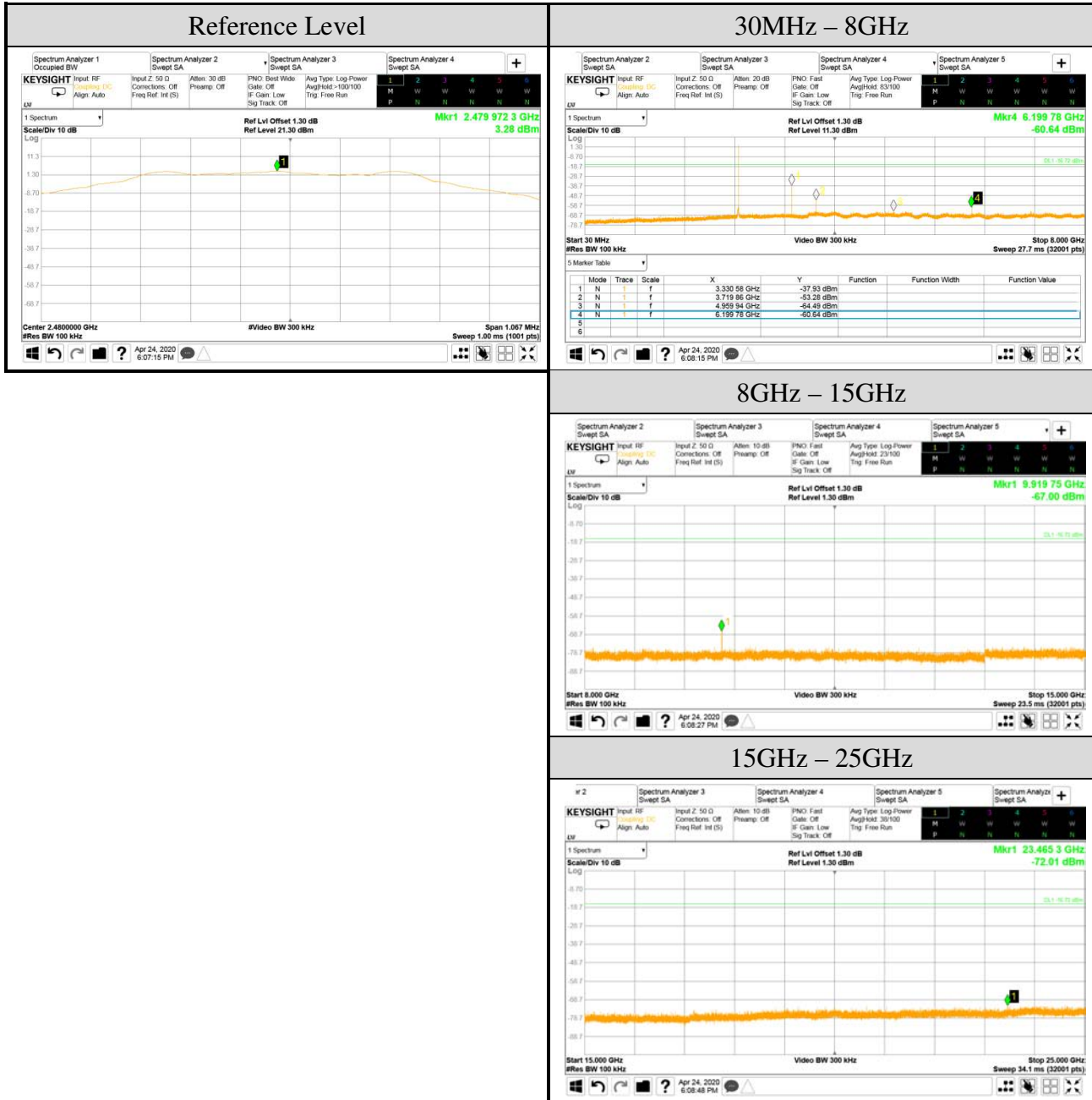
測試日期	2020/04/24	環境溫/濕度	23°C/62%
電纜損失	1.3dB	模式	BLE (1M)
		測試頻率	2402MHz
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試人員	Sean Wang
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



測試日期	2020/04/24	環境溫/濕度	23°C/62%
電纜損失	1.3dB	模式	BLE (1M)
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試頻率	2440MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



測試日期	2020/04/24	環境溫/濕度	23°C/62%
電纜損失	1.3dB	模式	BLE (1M)
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)	測試頻率	2480MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			0



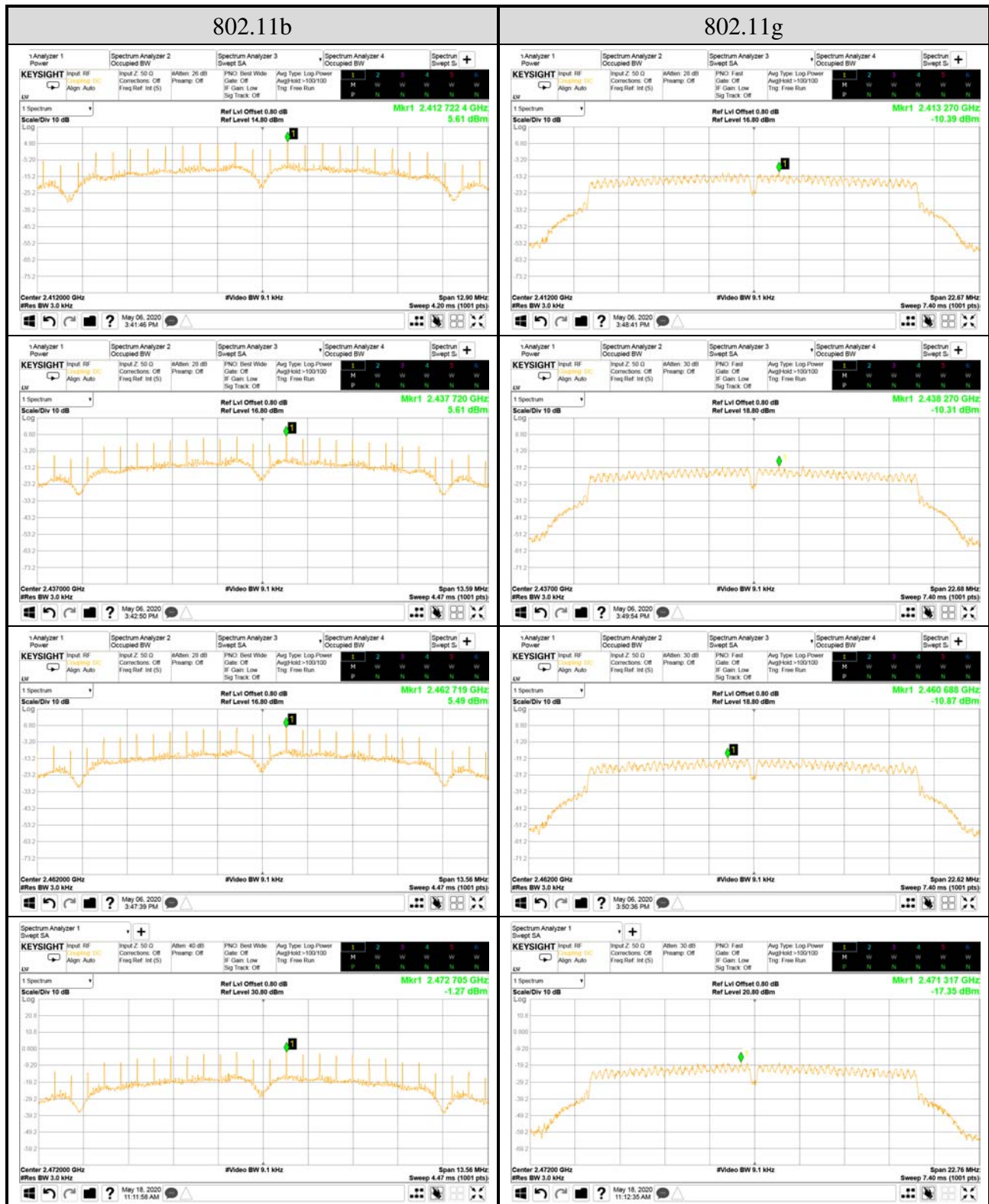
7. 功率密度之量測

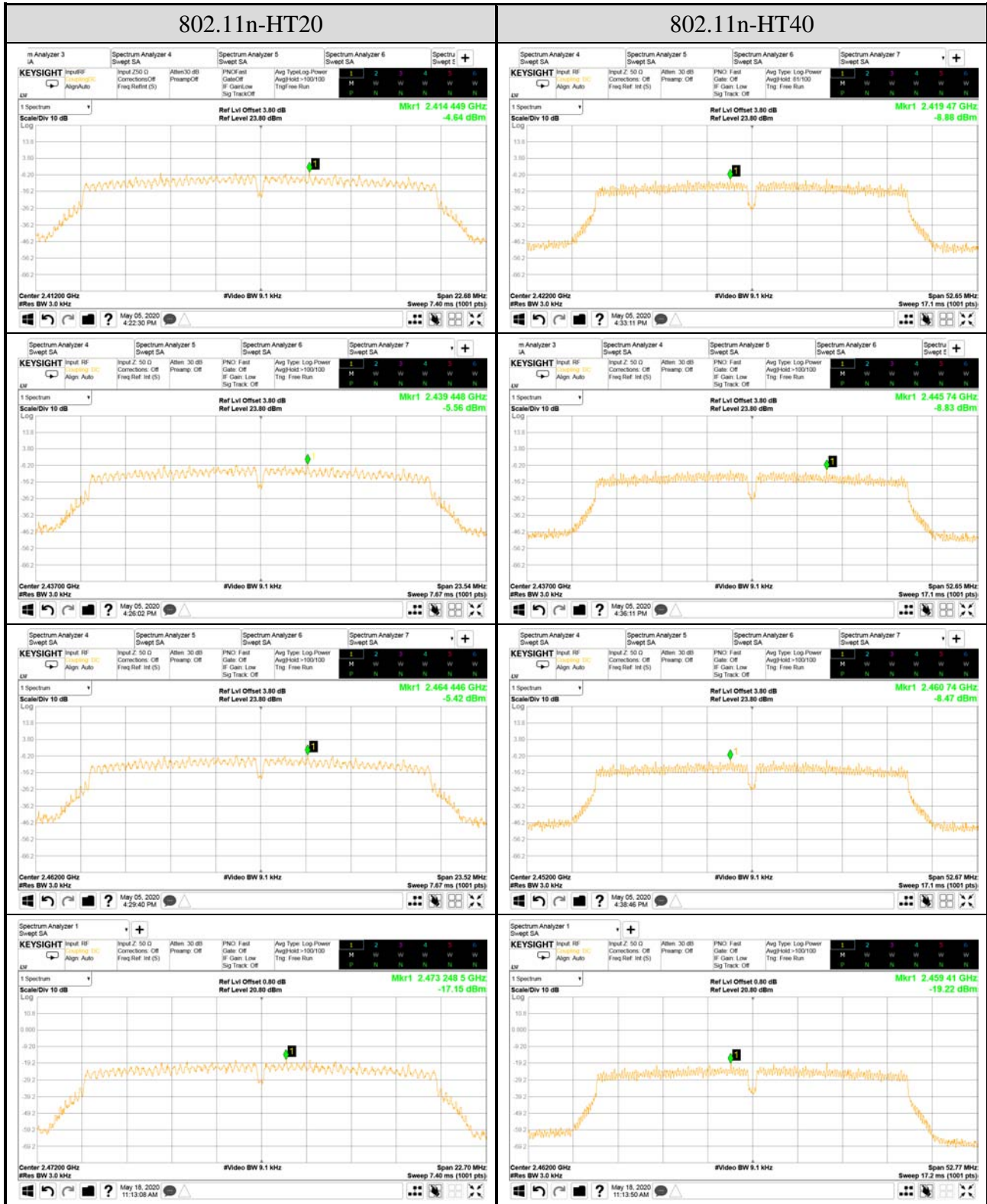
測試日期	2020/05/05 ~ 18	環境溫/濕度	24 ~ 25°C/50 ~ 58%
電纜損失	WLAN: 0.8dB, BLE:1.3dB	測試人員	Sean Wang
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)		
Simultaneous Factor10 log(n) (Note: “n” is antenna number)			802.11b/g/BLE: 0, 802.11n: 3

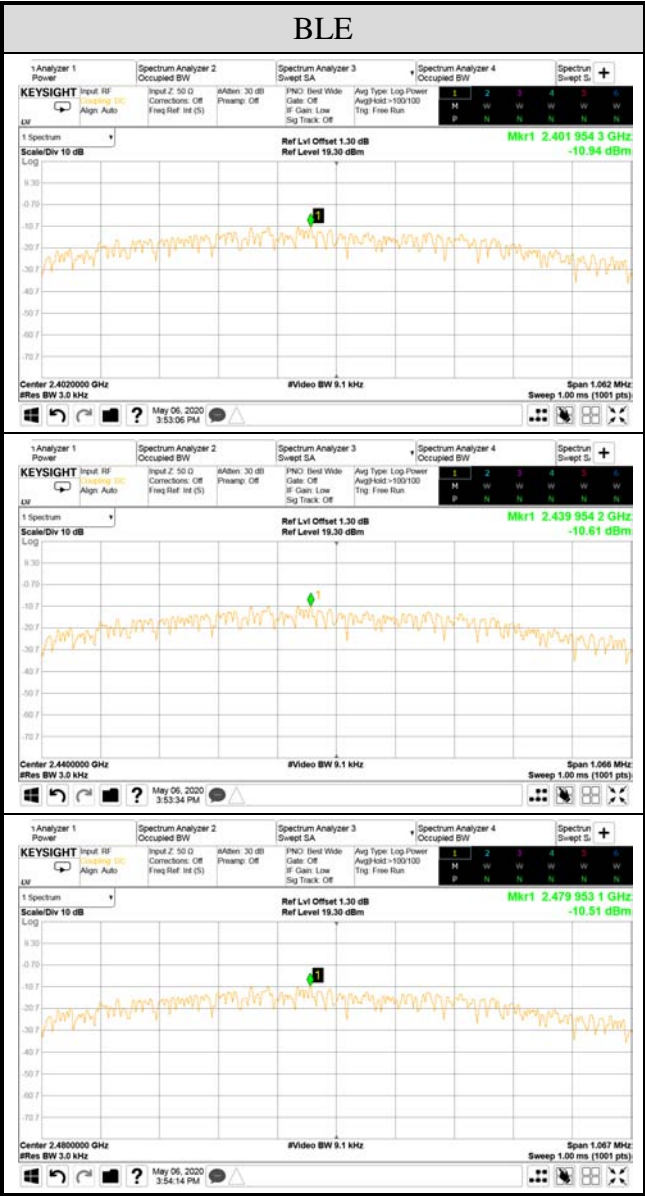
7.1. 功率密度

模式	測試頻率(MHz)	功率密度 (dBm/100kHz)	限制值 (dBm/3kHz)
802.11b	2412	5.61	<8
	2437	5.61	
	2462	5.49	
	2472	-1.27	
802.11g	2412	-10.39	
	2437	-10.31	
	2462	-10.87	
	2472	-17.35	
802.11n-HT20	2412	-4.64	
	2437	-5.56	
	2462	-5.42	
	2742	-17.15	
802.11n-HT40	2422	-8.88	
	2437	-8.83	
	2452	-8.47	
	2462	-19.22	
BLE (1M)	2402	-10.94	
	2440	-10.61	
	2480	-10.51	

7.2. 功率密度之量測圖







8. 電波暴露量之量測

測試日期	2020/04/24 ~ 04/27	環境溫/濕度	22 ~ 23°C / 62 ~ 68%
電纜損失	WLAN: 0.8dB, BLE: 1.3dB	測試人員	Sean Wang
測試電壓	DC 5V (經 USB 連接筆記型電腦供電)		

WLAN

距離人體(r):	20	cm		
最大發射功率(P):	24.99	dBm	=	315.500 mW
最大天線增益(G):	5.05	dB	=	3.199 Numerical
MPE (S) = (P*G) / (4*π*r ²) =	0.2008 mW/cm ²			
註：1. 最大發射功率系指2.4GHz各模式/頻道中最大之發射功率功率。				
2. 電磁波曝露量MPE標準值1mW/cm ² ，送測產品實測值為：0.2008mW/cm ²				

註:擇取較大的 Direction gain=5.05dB 進行計算。

BT

距離人體(r):	20	cm		
最大發射功率(P):	8.49	dBm	=	7.063 mW
最大天線增益(G):	1.7	dBi	=	1.479 Numerical
MPE (S) = (P*G) / (4*π*r ²) =	0.0021		mW/cm ²	
註：1. 最大發射功率系指2.4GHz各模式/頻道中最大之發射功率功率。				
2. 電磁波曝露量MPE標準值1mW/cm ² ，送測產品實測值為：0.0021mW/cm ²				