

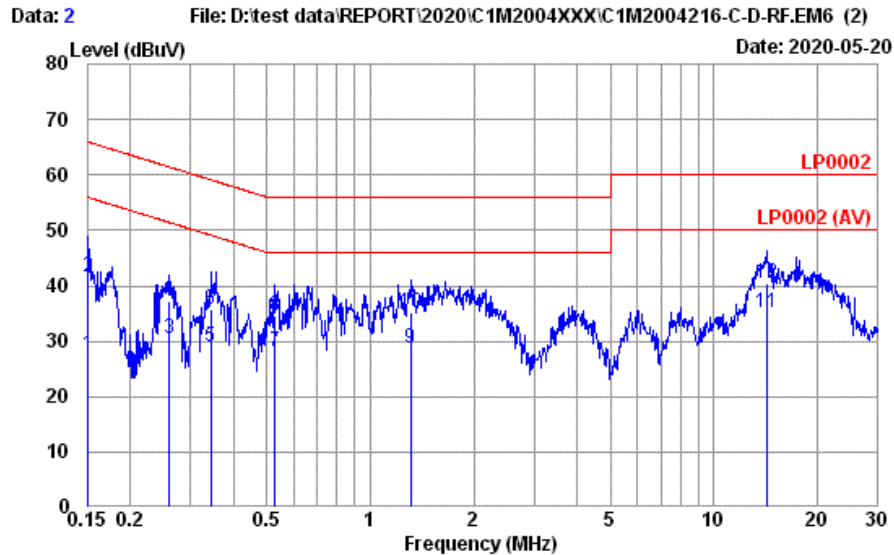
附錄一

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	2020/05/20	環境溫/濕度	24°C/55%
測試電壓	DC 5V(經 USB 電源供電)	測試人員	Roy Hung

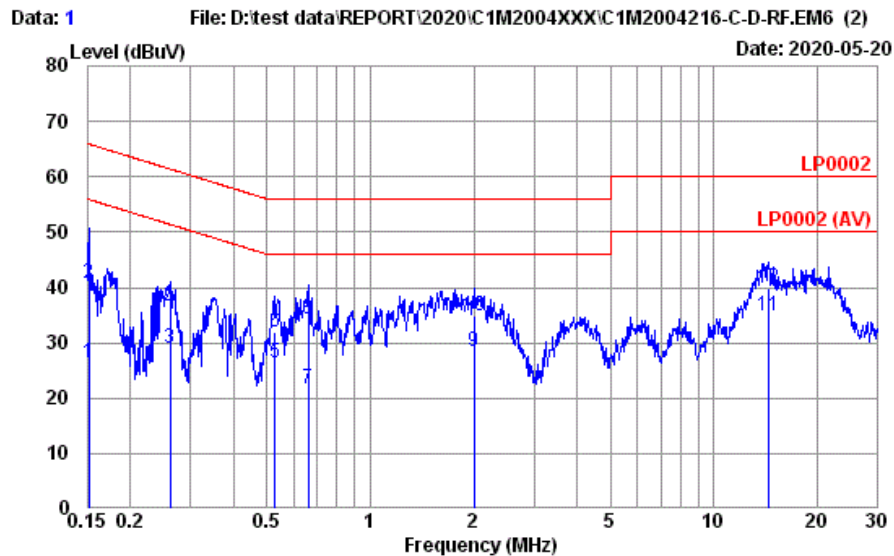


Site No.	: No.8 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENH4200 (169)(A) CE-08 ESH3-Z2 (354)		
Limit	: LP0002	Phase	: NEUTRAL
Environment	: 24°C / 55%	Engineer	: Roy Hung
EUT Model	: 10C EVO	Test Rating	: DC 5V(VIA USB)
Test Mode	: Normal		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	10.74	0.04	9.85	6.77	27.40	55.96	28.56	Average
2	0.151	10.74	0.04	9.85	21.07	41.70	65.96	24.26	QP
3	0.260	10.60	0.04	9.85	9.85	30.34	51.42	21.08	Average
4	0.260	10.60	0.04	9.85	16.68	37.17	61.42	24.25	QP
5	0.343	10.55	0.04	9.85	8.55	28.99	49.13	20.14	Average
6	0.343	10.55	0.04	9.85	15.44	35.88	59.13	23.25	QP
7	0.527	10.51	0.04	9.86	7.83	28.24	46.00	17.76	Average
8	0.527	10.51	0.04	9.86	14.18	34.59	56.00	21.41	QP
9	1.310	10.52	0.06	9.86	8.23	28.67	46.00	17.33	Average
10	1.310	10.52	0.06	9.86	14.61	35.05	56.00	20.95	QP
11	14.288	12.56	0.16	9.94	12.56	35.22	50.00	14.78	Average
12	14.288	12.56	0.16	9.94	17.67	40.33	60.00	19.67	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.

測試日期	2020/05/20	環境溫/濕度	24°C/55%
測試電壓	DC 5V(經 USB 電源供電)	測試人員	Roy Hung



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 / 55% Engineer : Roy Hung
 EUT Model : 10C EV0 Test Rating : DC 5V(VIA USB)
 Test Mode : Normal

	Freq. (MHz)	AMH Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	10.68	0.04	9.85	5.90	26.47	55.91	29.44	Average
2	0.152	10.68	0.04	9.85	20.27	40.84	65.91	25.07	QP
3	0.262	10.56	0.04	9.85	8.46	28.91	51.38	22.47	Average
4	0.262	10.56	0.04	9.85	15.59	36.04	61.38	25.34	QP
5	0.527	10.48	0.04	9.86	5.97	26.35	46.00	19.65	Average
6	0.527	10.48	0.04	9.86	11.62	32.00	56.00	24.00	QP
7	0.661	10.48	0.05	9.85	1.32	21.70	46.00	24.30	Average
8	0.661	10.48	0.05	9.85	13.82	34.20	56.00	21.80	QP
9	2.001	10.51	0.07	9.86	7.99	28.43	46.00	17.57	Average
10	2.001	10.51	0.07	9.86	14.54	34.98	56.00	21.02	QP
11	14.440	12.28	0.16	9.94	12.41	34.79	50.00	15.21	Average
12	14.440	12.28	0.16	9.94	17.37	39.75	60.00	20.25	QP

Remarks: 1. Emission Level= AMH Factor + Cable Loss + Pulse Att. + Reading.

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，實驗室先將發射機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(側立)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：

Charge 模式

模式	基本頻率	量測頻率範圍
Charge	---	30-1000MHz

Normal 模式

模式	基本頻率	量測頻率範圍
Normal	---	30-1000MHz
		1000-25000MHz

Wireless LAN 模式

支援 IEEE 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	2472MHz	1000-25000MHz
802.11g	發射	2472MHz	1000-25000MHz
802.11n-HT20	發射	2472MHz	1000-25000MHz
802.11n-HT40	發射	2462MHz*	30-1000MHz
			1000-25000MHz
---	接收	2442MHz	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

模式	動作狀態	基本頻率	量測頻率範圍
BLE	發射	2402MHz	1000-25000MHz
		2440MHz	30-1000MHz
		2480MHz*	30-1000MHz 1000-25000MHz
	接收	2440MHz	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	2310-2430MHz
		2462MHz	2430-2900MHz
		2472MHz	2430-2900MHz
802.11g	發射	2412MHz	2310-2430MHz
		2462MHz	2430-2900MHz
		2472MHz	2430-2900MHz
802.11n-HT20	發射	2412MHz	2310-2430MHz
		2462MHz	2430-2900MHz
		2472MHz	2430-2900MHz
802.11n-HT40	發射	2422MHz	2310-2430MHz
		2452MHz	2400-2900MHz
		2462MHz	2430-2900MHz
BLE	發射	2402MHz	2310-2430MHz
		2480MHz	2430-2900MHz

測試日期	2020/05/19	環境溫/濕度	24°C/42~62%
測試電壓	(1)Charge/BLE 模式：DC 5V(經 USB 電源供電) (2)Normal/WLAN 模式：DC 3.8V(經鋰電池供電)	測試人員	Brian Hsieh

2.1. 30-1000MHz 頻率範圍，其他不必要發射量測

● Charge 模式

Mode	Charge	Frequency	---
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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
62.010	12.54	1.87	26.44	35.36	23.33	40.00	16.67	Peak
101.780	16.92	2.45	26.31	30.89	23.95	43.50	19.55	Peak
136.700	18.17	2.90	26.12	30.43	25.38	43.50	18.12	Peak
239.520	18.02	3.92	25.79	42.44	38.59	46.00	7.41	Peak
431.580	22.39	6.31	26.78	30.01	31.93	46.00	14.07	Peak
719.670	25.22	7.72	27.48	35.59	41.05	46.00	4.95	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
53.280	13.89	1.70	26.48	39.44	28.55	40.00	11.45	Peak
114.390	18.22	2.61	26.23	31.69	26.29	43.50	17.21	Peak
177.440	15.09	3.32	25.94	36.84	29.31	43.50	14.19	Peak
237.580	17.91	3.90	25.79	38.45	34.47	46.00	11.53	Peak
379.200	21.35	5.72	26.39	29.91	30.59	46.00	15.41	Peak
630.430	24.86	7.21	27.49	30.57	35.15	46.00	10.85	Peak

● Normal 模式

Mode	Normal	Frequency	---
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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
62.010	12.54	1.87	26.44	34.62	22.59	40.00	17.41	Peak
144.460	17.71	2.99	26.08	33.03	27.65	43.50	15.85	Peak
237.580	17.91	3.90	25.79	45.60	41.62	46.00	4.38	Peak
320.030	19.84	4.85	25.89	31.97	30.77	46.00	15.23	Peak
540.220	24.04	6.97	27.33	31.08	34.76	46.00	11.24	Peak
728.400	25.33	7.76	27.47	32.51	38.13	46.00	7.87	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	36.87	34.22	40.00	5.78	Peak
134.760	18.24	2.88	26.12	31.71	26.71	43.50	16.79	Peak
154.160	16.94	3.10	26.04	36.35	30.35	43.50	13.15	Peak
237.580	17.91	3.90	25.79	40.20	36.22	46.00	9.78	Peak
407.330	21.98	6.09	26.58	29.09	30.58	46.00	15.42	Peak
599.390	24.80	7.03	27.48	30.98	35.33	46.00	10.67	Peak

● Wireless LAN 模式

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
60.070	12.55	1.83	26.45	46.53	34.46	40.00	5.54	Peak
180.350	14.91	3.34	25.94	46.60	38.91	43.50	4.59	Peak
239.520	18.02	3.92	25.79	43.11	39.26	46.00	6.74	Peak
431.580	22.39	6.31	26.78	38.59	40.51	46.00	5.49	Peak
754.590	25.63	7.90	27.45	37.90	43.98	46.00	2.02	Peak
862.260	26.57	8.50	27.24	33.97	41.80	46.00	4.20	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
62.010	12.54	1.87	26.44	46.17	34.14	40.00	5.86	Peak
191.990	15.16	3.47	25.89	45.89	38.63	43.50	4.87	Peak
311.300	19.58	4.72	25.81	38.87	37.36	46.00	8.64	Peak
566.410	24.39	7.00	27.40	33.35	37.34	46.00	8.66	Peak
700.270	24.98	7.62	27.50	36.00	41.10	46.00	4.90	Peak
754.590	25.63	7.90	27.45	33.37	39.45	46.00	6.55	Peak

Mode	Wireless LAN	Frequency	RX 2442MHz
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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	28.80	25.22	40.00	14.78	Peak
101.780	16.92	2.45	26.31	30.89	23.95	43.50	19.55	Peak
144.460	17.71	2.99	26.08	32.84	27.46	43.50	16.04	Peak
239.520	18.02	3.92	25.79	42.44	38.59	46.00	7.41	Peak
476.200	23.12	6.71	27.07	29.99	32.75	46.00	13.25	Peak
719.670	25.22	7.72	27.48	35.59	41.05	46.00	4.95	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	36.52	34.26	40.00	5.74	Peak
103.720	17.15	2.48	26.30	32.90	26.23	43.50	17.27	Peak
168.710	15.76	3.24	25.98	34.24	27.26	43.50	16.24	Peak
237.580	17.91	3.90	25.79	39.81	35.83	46.00	10.17	Peak
413.150	22.08	6.14	26.64	30.08	31.66	46.00	14.34	Peak
684.750	24.96	7.53	27.50	29.80	34.79	46.00	11.21	Peak

● BLE 測試模式

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
62.010	12.54	1.87	26.44	36.29	24.26	40.00	15.74	Peak
144.460	17.71	2.99	26.08	33.52	28.14	43.50	15.36	Peak
158.040	16.65	3.15	26.02	32.94	26.72	43.50	16.78	Peak
237.580	17.91	3.90	25.79	46.96	42.98	46.00	3.02	Peak
396.660	21.76	5.98	26.52	31.47	32.69	46.00	13.31	Peak
728.400	25.33	7.76	27.47	35.14	40.76	46.00	5.24	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	36.75	34.49	40.00	5.51	Peak
120.210	18.71	2.68	26.20	31.35	26.54	43.50	16.96	Peak
157.070	16.73	3.14	26.02	34.13	27.98	43.50	15.52	Peak
237.580	17.91	3.90	25.79	40.79	36.81	46.00	9.19	Peak
528.580	23.89	6.96	27.30	31.47	35.02	46.00	10.98	Peak
730.340	25.33	7.77	27.47	29.71	35.34	46.00	10.66	Peak

Mode	BLE	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
32.910	22.98	1.29	26.53	28.72	26.46	40.00	13.54	Peak
101.780	16.92	2.45	26.31	30.55	23.61	43.50	19.89	Peak
144.460	17.71	2.99	26.08	33.69	28.31	43.50	15.19	Peak
240.490	18.12	3.93	25.79	42.82	39.08	46.00	6.92	Peak
397.630	21.79	5.99	26.52	33.50	34.76	46.00	11.24	Peak
724.520	25.27	7.74	27.48	31.69	37.22	46.00	8.78	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	36.76	34.50	40.00	5.50	Peak
114.390	18.22	2.61	26.23	31.69	26.29	43.50	17.21	Peak
177.440	15.09	3.32	25.94	36.84	29.31	43.50	14.19	Peak
237.580	17.91	3.90	25.79	38.45	34.47	46.00	11.53	Peak
505.300	23.56	6.93	27.23	29.97	33.23	46.00	12.77	Peak
630.430	24.86	7.21	27.49	30.57	35.15	46.00	10.85	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。

● Normal 模式

Mode	Normal				Frequency	---		
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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
11510.000	38.30	15.49	34.64	29.90	49.05	54.00	4.95	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
11510.000	38.30	15.49	34.64	29.96	49.11	54.00	4.89	Peak

● Wireless LAN 模式

Mode	802.11b				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
4944.000	34.10	10.26	34.44	30.30	40.22	54.00	13.78	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
4944.000	34.10	10.26	34.44	32.04	41.96	54.00	12.04	Peak

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
4944.000	34.10	10.26	34.44	30.55	40.47	54.00	13.53	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
4944.000	34.10	10.26	34.44	29.49	39.41	54.00	14.59	Peak

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4944.000	34.10	10.26	34.44	31.04	40.96	54.00	13.04	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
4944.000	34.10	10.26	34.44	31.16	41.08	54.00	12.92	Peak

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4924.000	34.07	10.26	34.45	31.46	41.34	54.00	12.66	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
4924.000	34.07	10.26	34.45	30.18	40.06	54.00	13.94	Peak

Mode	Wireless LAN	Frequency	RX 2442MHz
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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
4884.000	34.03	10.24	34.45	32.02	41.84	54.00	12.16	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
4884.000	34.03	10.24	34.45	30.49	40.31	54.00	13.69	Peak

● BLE 測試模式

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	41.08	50.93	54.00	3.07	Peak
7208.000	35.60	12.05	34.60	37.60	50.65	54.00	3.35	Peak
9610.000	36.80	14.36	35.19	34.10	50.07	54.00	3.93	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	37.07	46.92	54.00	7.08	Peak
7208.000	35.60	12.05	34.60	37.58	50.63	54.00	3.37	Peak
9610.000	36.80	14.36	35.19	34.17	50.14	54.00	3.86	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
4880.000	34.05	10.24	34.45	42.42	52.26	54.00	1.74	Peak
7320.000	35.60	12.12	34.70	37.37	50.39	54.00	3.61	Peak
9760.000	37.10	14.43	35.18	36.78	53.13	54.00	0.87	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
4880.000	34.05	10.24	34.45	39.15	48.99	54.00	5.01	Peak
7320.000	35.60	12.12	34.68	36.32	49.36	54.00	4.64	Peak
9760.000	37.10	14.43	35.18	33.17	49.52	54.00	4.48	Average
9760.000	37.10	14.43	35.18	39.79	56.14	74.00	17.86	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	42.20	52.13	54.00	1.87	Peak
9920.000	37.30	14.50	35.18	27.85	44.47	54.00	9.53	Average
9920.000	37.30	14.50	35.18	36.47	53.09	74.00	20.91	Peak
12400.000	38.90	16.12	34.37	27.95	48.60	54.00	5.40	Average
12400.000	38.90	16.12	34.37	35.07	55.72	74.00	18.28	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	39.18	49.11	54.00	4.89	Peak
9920.000	37.30	14.50	35.18	30.63	47.25	54.00	6.75	Average
9920.000	37.30	14.50	35.18	38.42	55.04	74.00	18.96	Peak
12400.000	38.90	16.12	34.37	28.78	49.43	54.00	4.57	Average
12400.000	38.90	16.12	34.37	36.03	56.68	74.00	17.32	Peak

Mode	BLE		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
4880.000	34.05	10.24	34.45	29.56	39.40	54.00	14.60	Peak

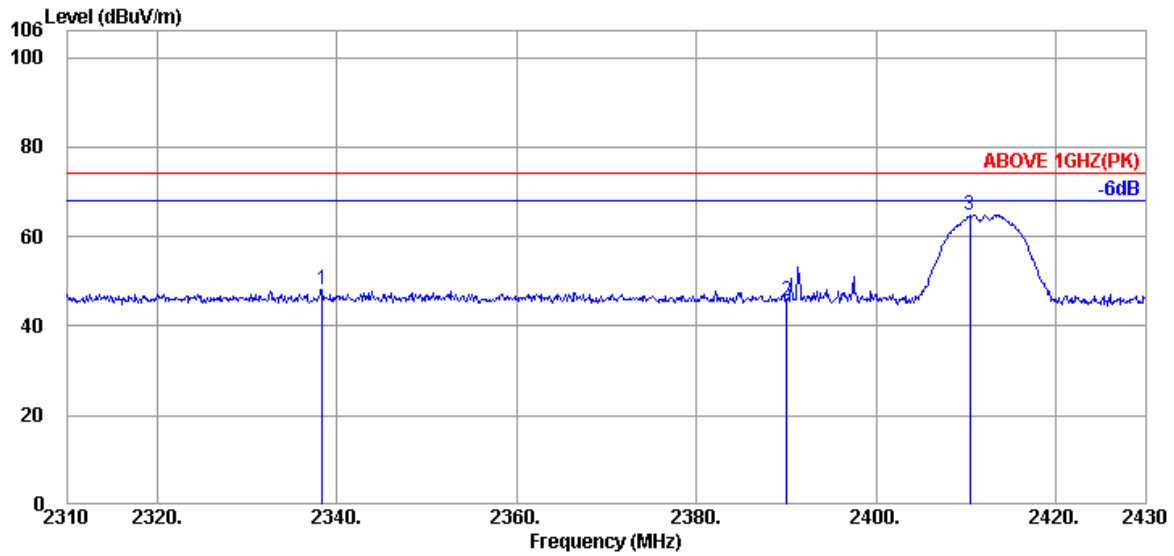
Antenna at Vertical Polarization

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
4880.000	34.05	10.24	34.45	30.34	40.18	54.00	13.82	Peak

2.3. 禁用頻帶量測結果 (其他不必要發射)

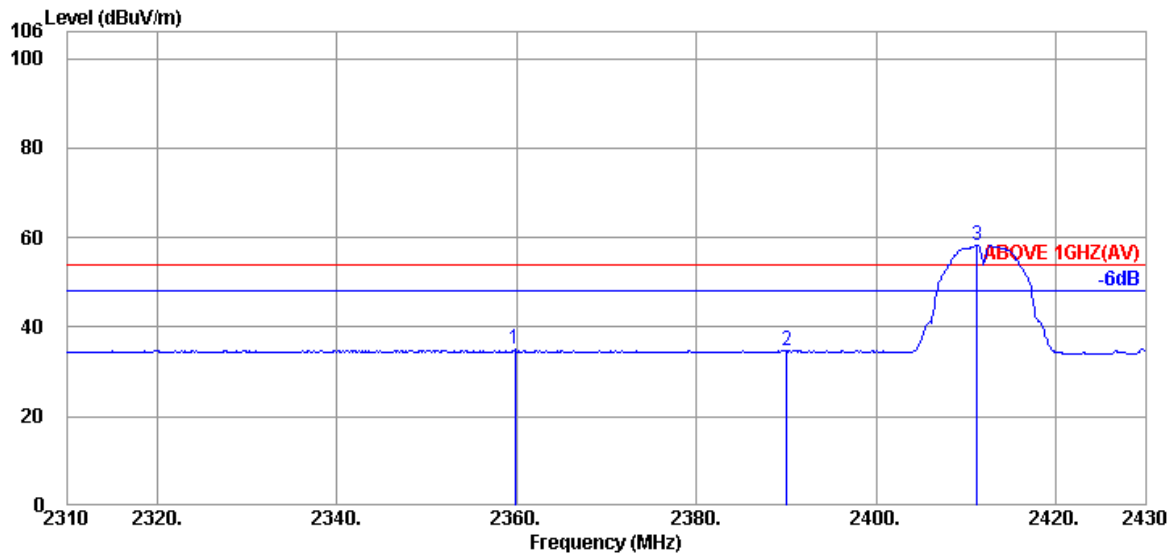
- Wireless LAN 模式

Mode	802.11b	Frequency	TX 2412MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2338.320	32.17	8.48	34.57	42.18	48.26	74.00	25.74	Peak
2390.040	32.44	8.52	34.58	39.22	45.60	74.00	28.40	Peak
@ 2410.440	32.43	8.53	34.59	58.40	64.77	---	---	Peak

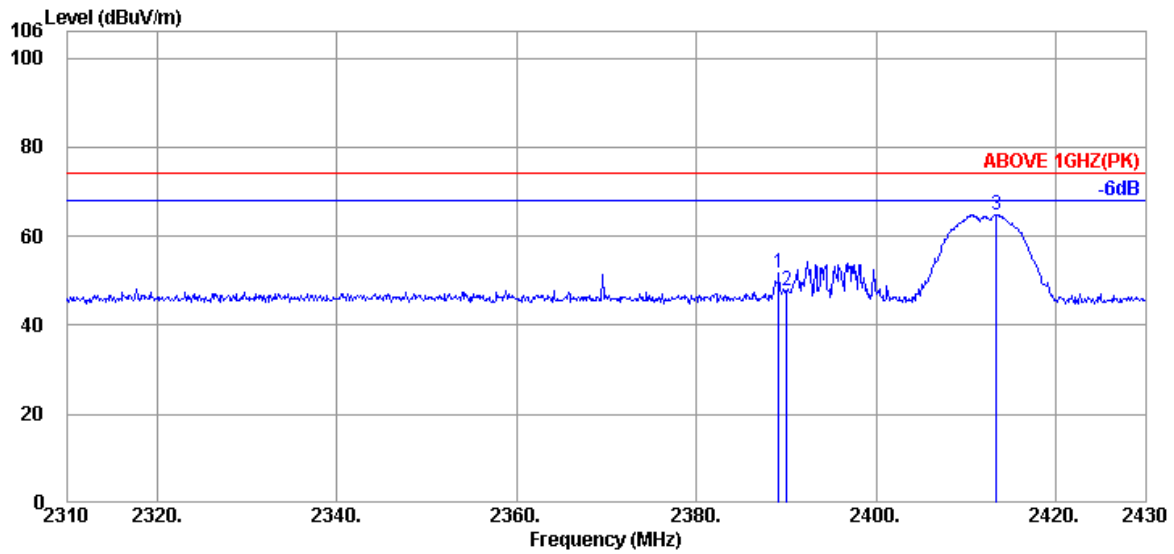


Antenna at Horizontal Polarization

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
2359.800	32.33	8.49	34.58	28.69	34.93	54.00	19.07	Average
2390.040	32.44	8.52	34.58	28.32	34.70	54.00	19.30	Average
@ 2411.280	32.36	8.53	34.59	52.03	58.33	---	---	Average

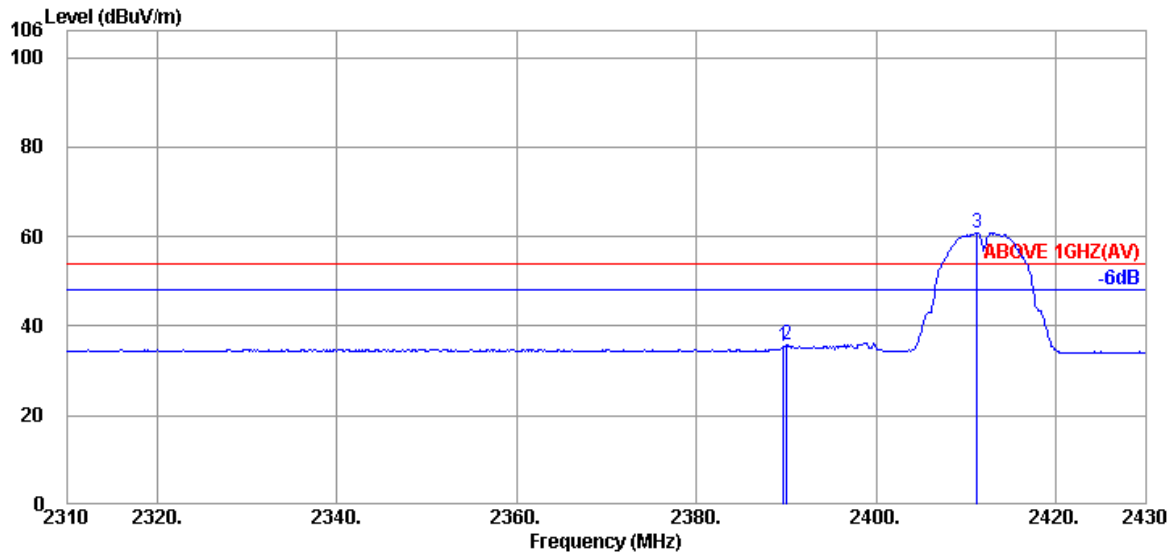
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2412MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.200	32.44	8.52	34.58	45.26	51.64	74.00	22.36	Peak
2390.040	32.44	8.52	34.58	41.39	47.77	74.00	26.23	Peak
@ 2413.440	32.36	8.53	34.59	58.48	64.78	---	---	Peak

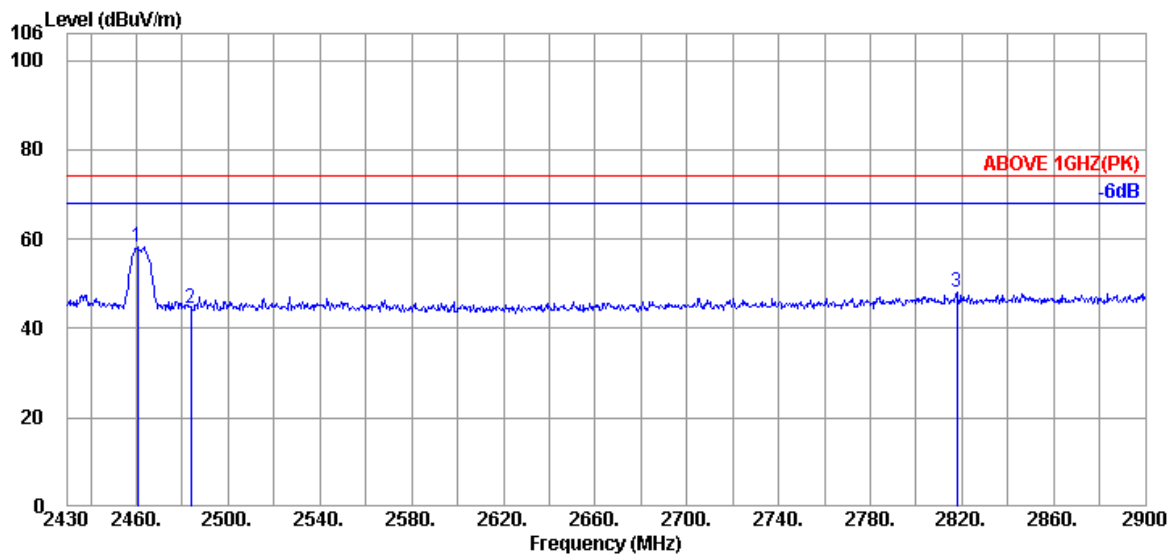


Antenna at Vertical Polarization

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
2389.680	32.44	8.52	34.58	28.99	35.37	54.00	18.63	Average
2390.040	32.44	8.52	34.58	29.26	35.64	54.00	18.36	Average
@ 2411.280	32.36	8.53	34.59	54.64	60.94	---	---	Average

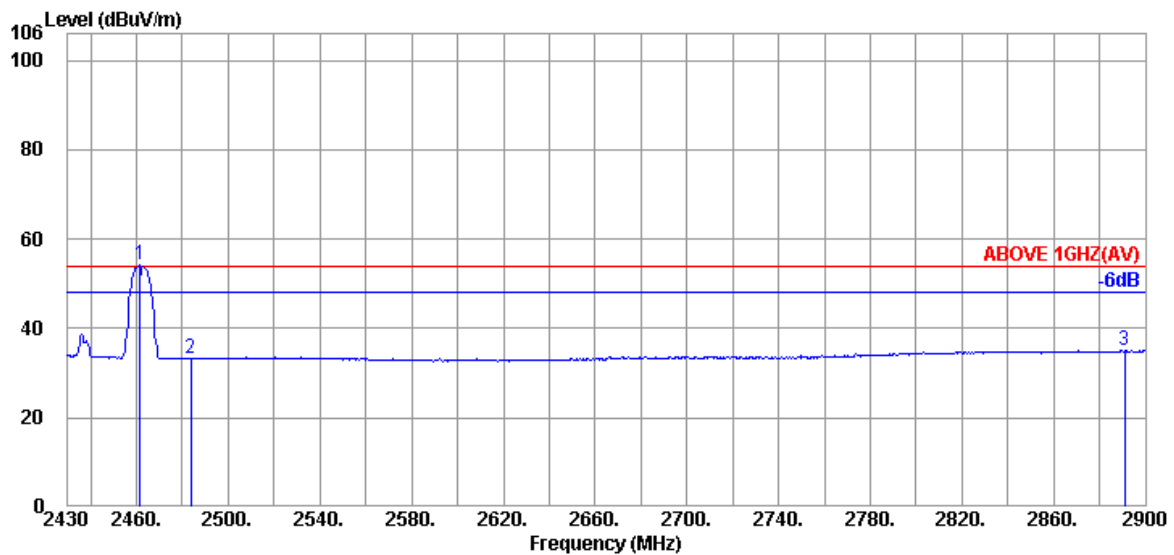
備註：“@”為主波，在此章節是不予以判定。

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 (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	2460.550	32.06	8.57	34.60	52.27	58.30	---	---	Peak
	2483.580	32.14	8.58	34.61	38.33	44.44	74.00	29.56	Peak
	2817.750	32.77	8.67	34.67	41.19	47.96	74.00	26.04	Peak

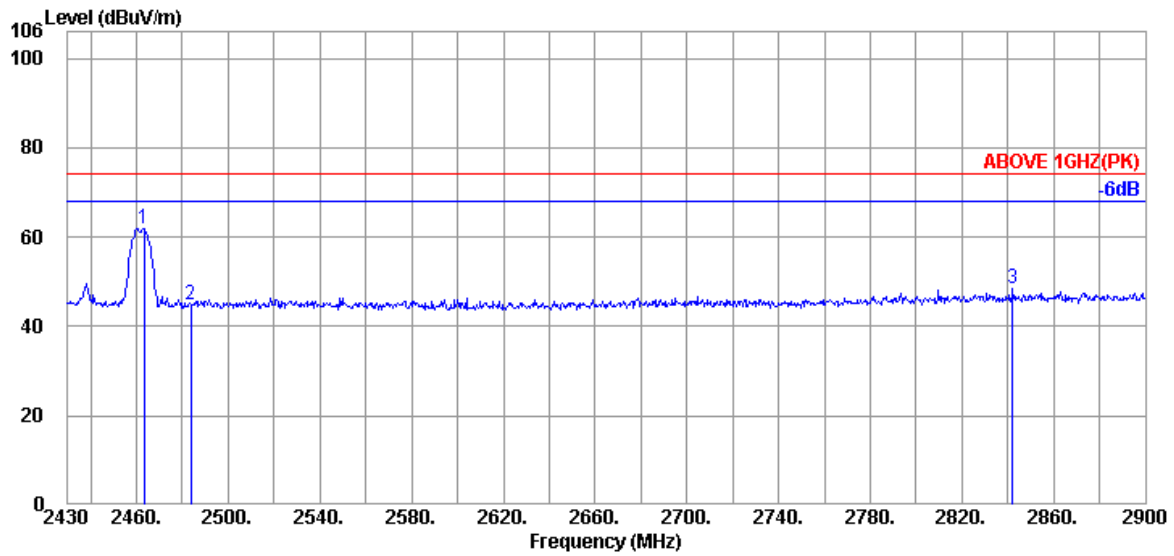


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	2461.490	32.06	8.57	34.60	48.09	54.12	---	---	Average
	2483.580	32.14	8.58	34.61	27.13	33.24	54.00	20.76	Average
	2891.070	32.85	8.68	34.68	28.22	35.07	54.00	18.93	Average

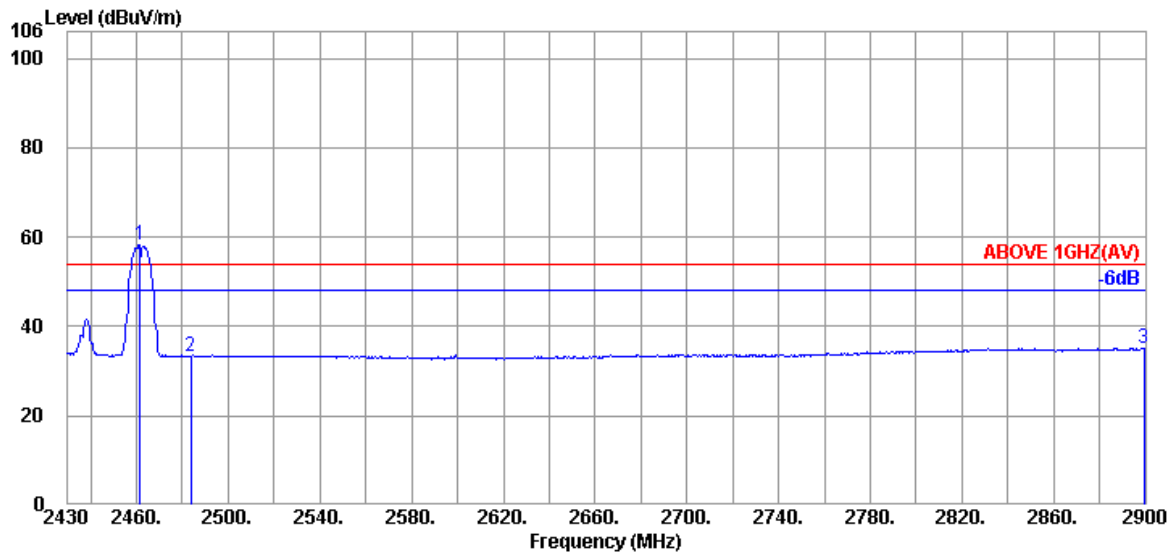
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 2462MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2463.370	32.06	8.57	34.60	55.94	61.97	---	---	Peak
	2483.580	32.14	8.58	34.61	38.64	44.75	74.00	29.25	Peak
	2842.190	33.02	8.67	34.67	41.49	48.51	74.00	25.49	Peak

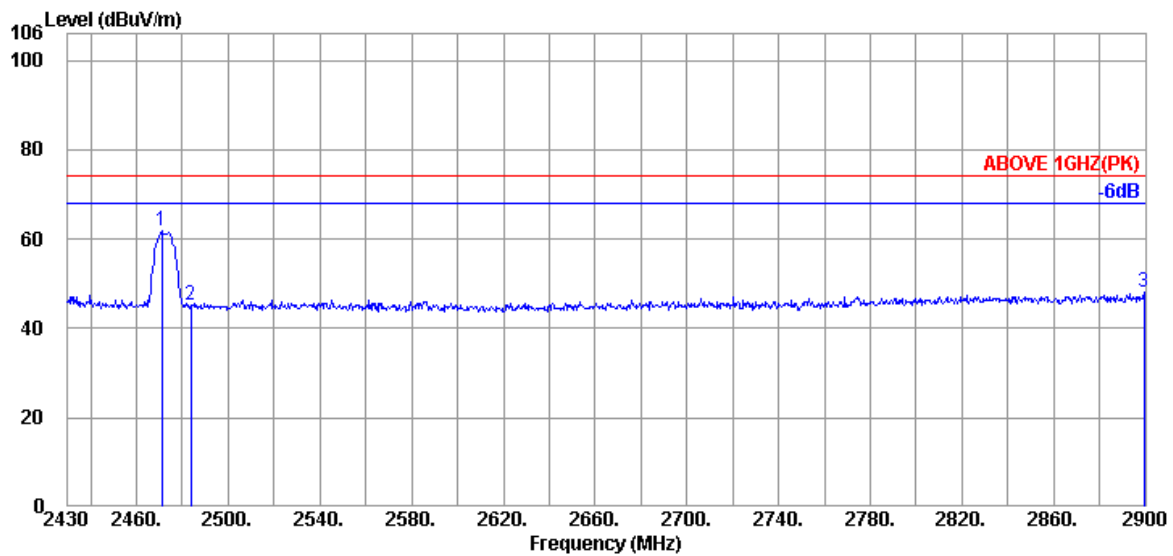


Antenna at Vertical Polarization

	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
@	2461.490	32.06	8.57	34.60	52.11	58.14	---	---	Average
	2483.580	32.14	8.58	34.61	27.18	33.29	54.00	20.71	Average
	2899.530	32.80	8.69	34.68	28.20	35.01	54.00	18.99	Average

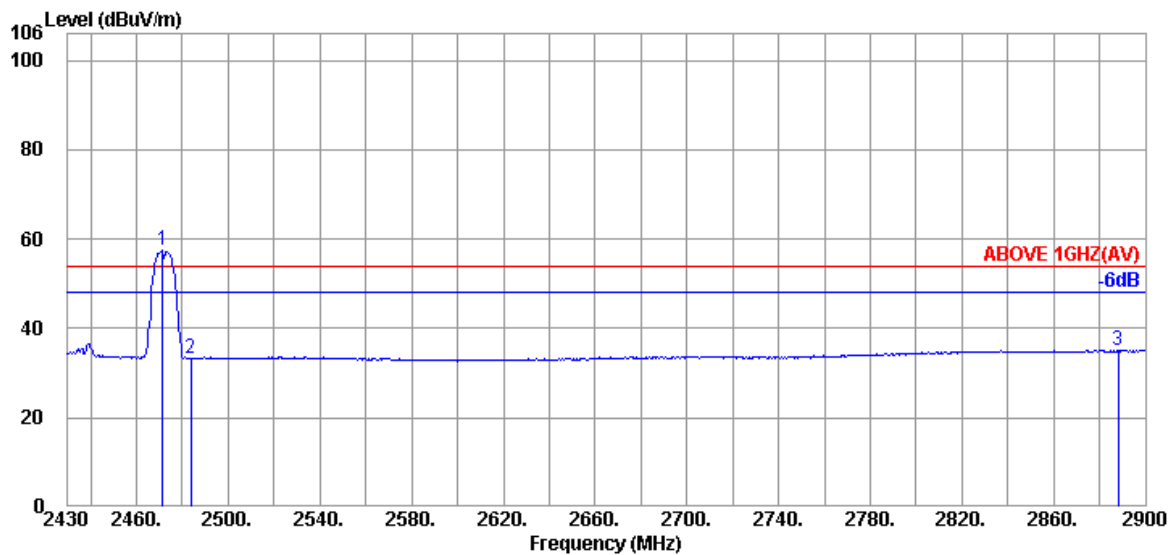
備註：“@”為主波，在此章節是不予以判定。

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
@	2470.890	32.09	8.58	34.60	55.67	61.74	---	---	Peak
	2483.580	32.14	8.58	34.61	38.94	45.05	74.00	28.95	Peak
	2899.530	32.80	8.69	34.68	41.16	47.97	74.00	26.03	Peak

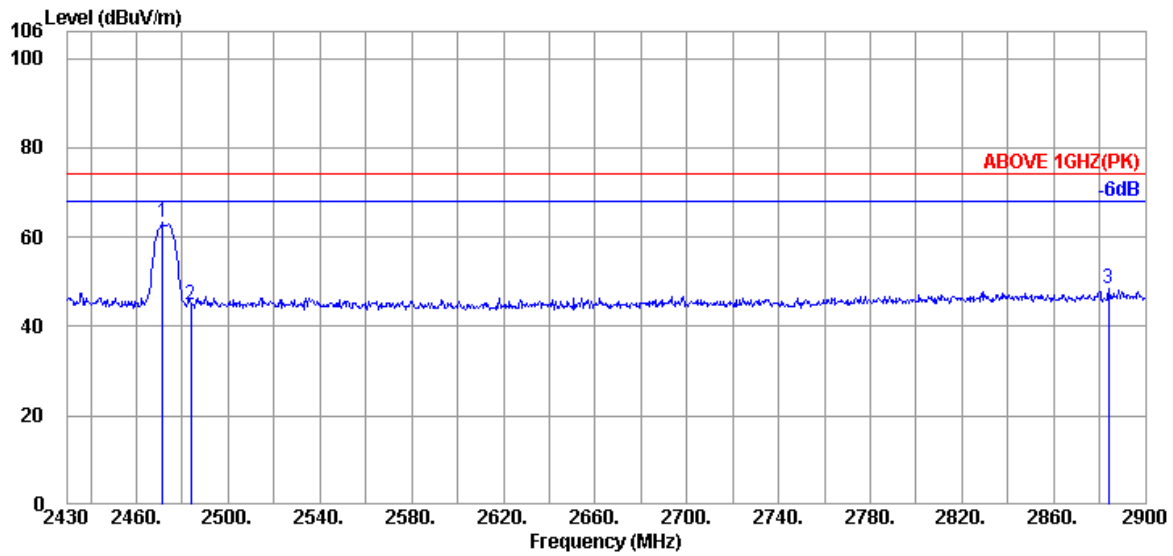


Antenna at Horizontal Polarization

	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
@	2471.360	32.09	8.58	34.60	51.40	57.47	---	---	Average
	2483.580	32.14	8.58	34.61	27.28	33.39	54.00	20.61	Average
	2888.250	32.85	8.68	34.68	28.32	35.17	54.00	18.83	Average

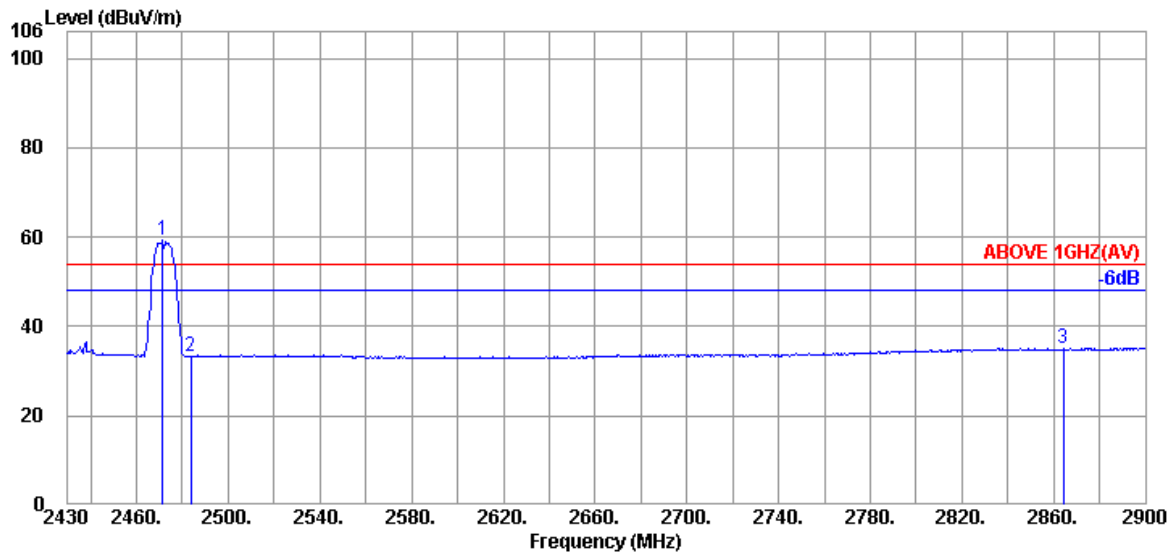
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11b	Frequency	TX 247MHz
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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
@	2471.360	32.09	8.58	34.60	57.11	63.18	---	---	Peak
	2483.580	32.14	8.58	34.61	38.64	44.75	74.00	29.25	Peak
	2884.020	32.90	8.68	34.68	41.67	48.57	74.00	25.43	Peak

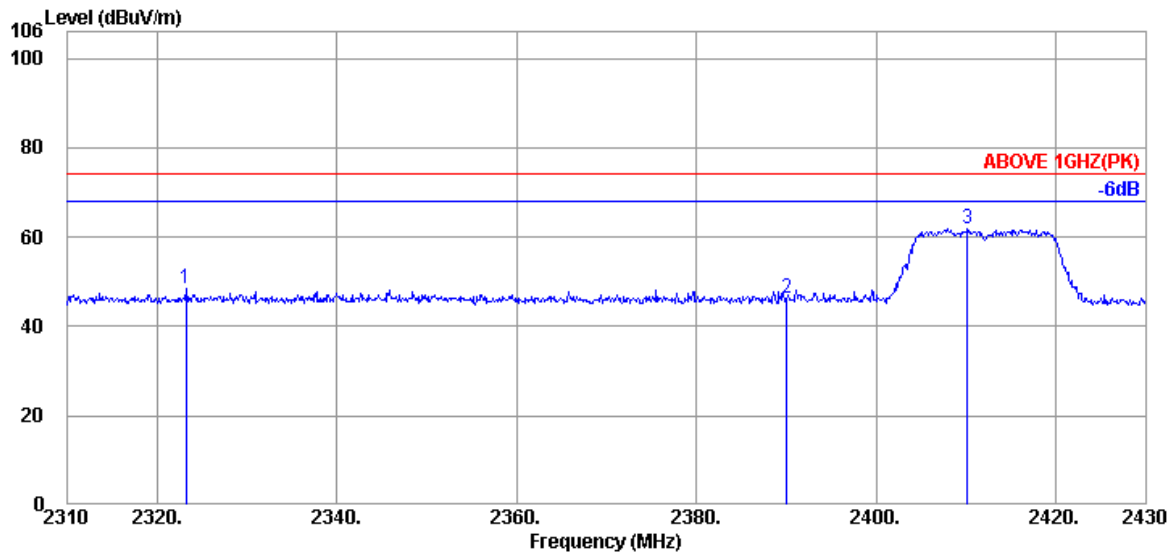


Antenna at Vertical Polarization

	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
@	2471.360	32.09	8.58	34.60	53.10	59.17	---	---	Average
	2483.580	32.14	8.58	34.61	27.29	33.40	54.00	20.60	Average
	2864.280	33.00	8.68	34.68	28.12	35.12	54.00	18.88	Average

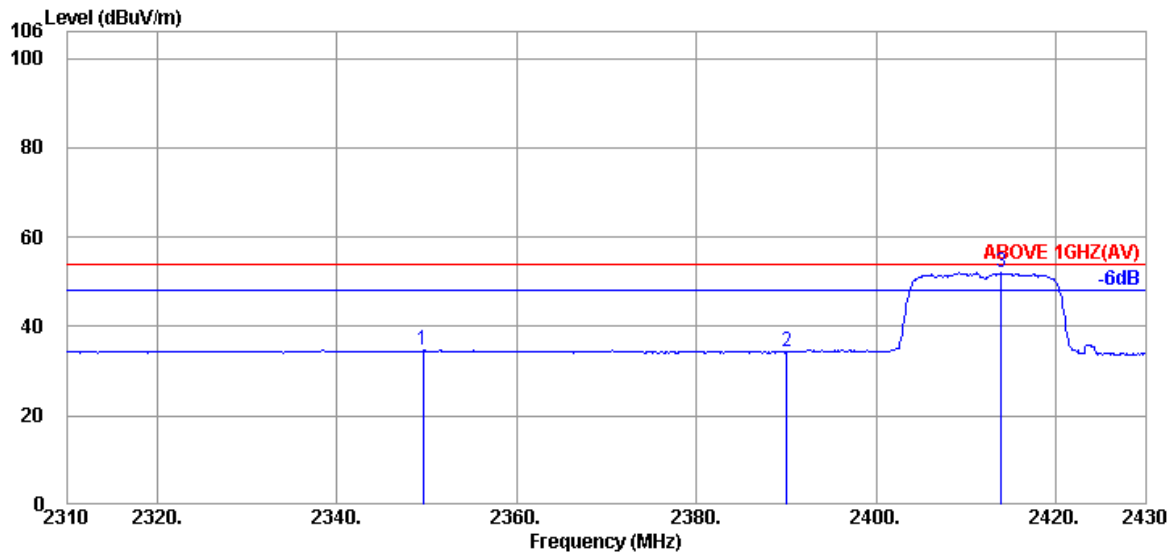
備註：“@”為主波，在此章節是不予以判定。

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
2323.200	32.05	8.47	34.57	42.37	48.32	74.00	25.68	Peak
2390.040	32.44	8.52	34.58	40.06	46.44	74.00	27.56	Peak
@ 2410.200	32.43	8.53	34.59	55.47	61.84	---	---	Peak

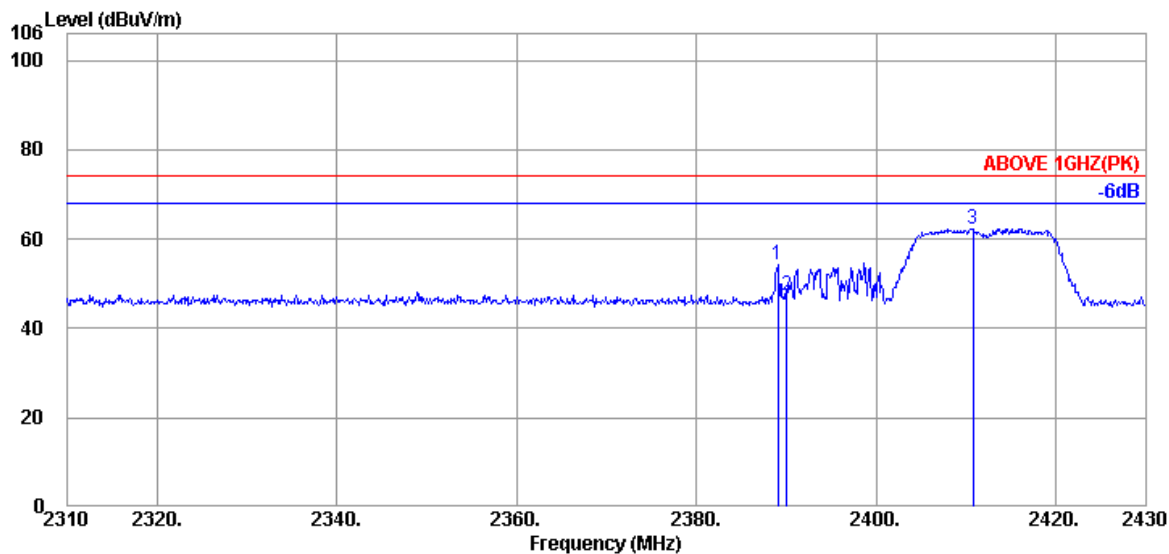


Antenna at Horizontal Polarization

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
2349.600	32.30	8.48	34.57	28.42	34.63	54.00	19.37	Average
2390.040	32.44	8.52	34.58	27.89	34.27	54.00	19.73	Average
@ 2413.920	32.36	8.53	34.59	45.69	51.99	---	---	Average

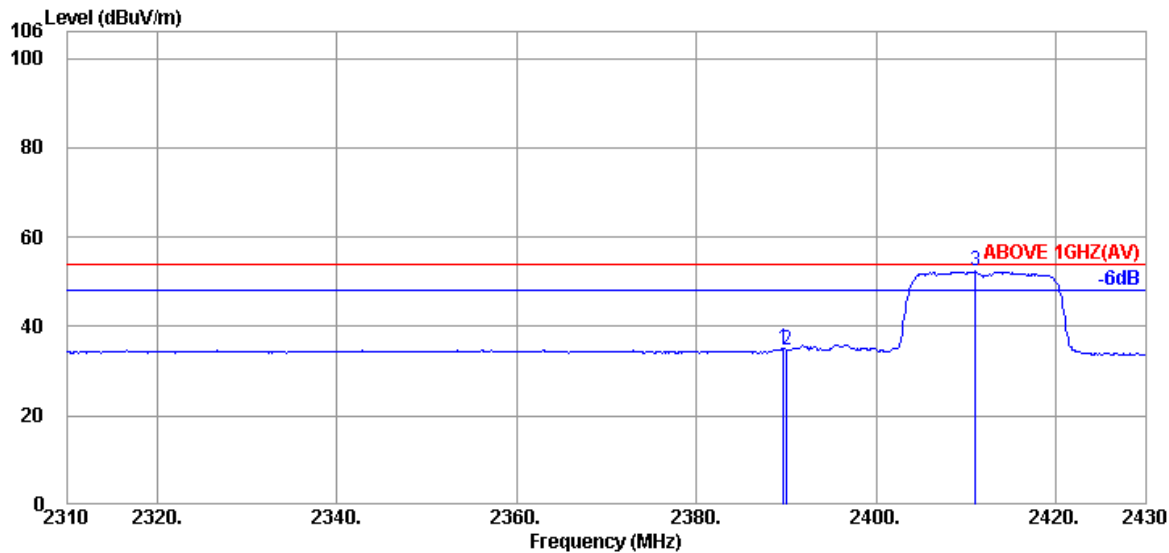
備註：“@”為主波，在此章節是不予以判定。

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
2389.080	32.44	8.52	34.58	47.96	54.34	74.00	19.66	Peak
2390.040	32.44	8.52	34.58	40.85	47.23	74.00	26.77	Peak
@ 2410.800	32.43	8.53	34.59	56.01	62.38	---	---	Peak

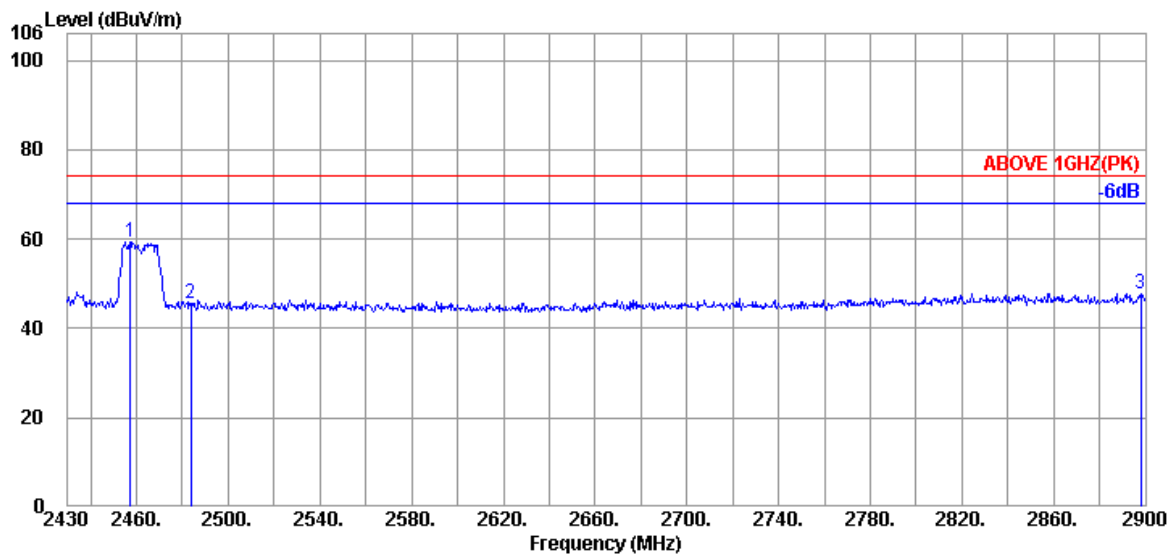


Antenna at Vertical Polarization

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
2389.680	32.44	8.52	34.58	28.67	35.05	54.00	18.95	Average
2390.040	32.44	8.52	34.58	28.46	34.84	54.00	19.16	Average
@ 2411.040	32.43	8.53	34.59	45.92	52.29	---	---	Average

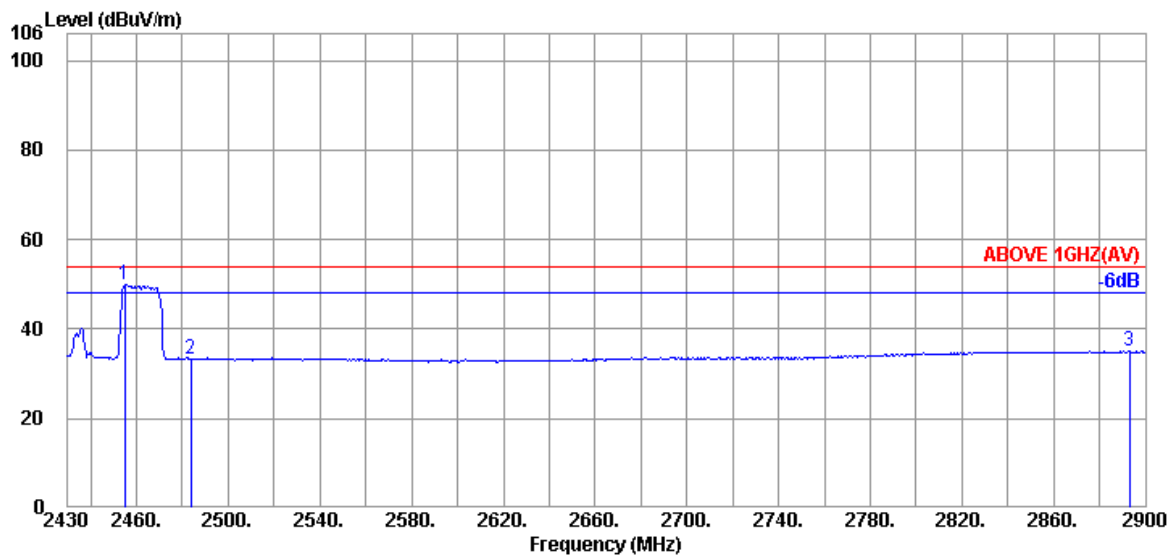
備註：“@”為主波，在此章節是不予以判定。

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
@	2457.260	32.03	8.57	34.60	53.39	59.39	---	---	Peak
	2483.580	32.14	8.58	34.61	39.58	45.69	74.00	28.31	Peak
	2898.120	32.80	8.69	34.68	41.10	47.91	74.00	26.09	Peak

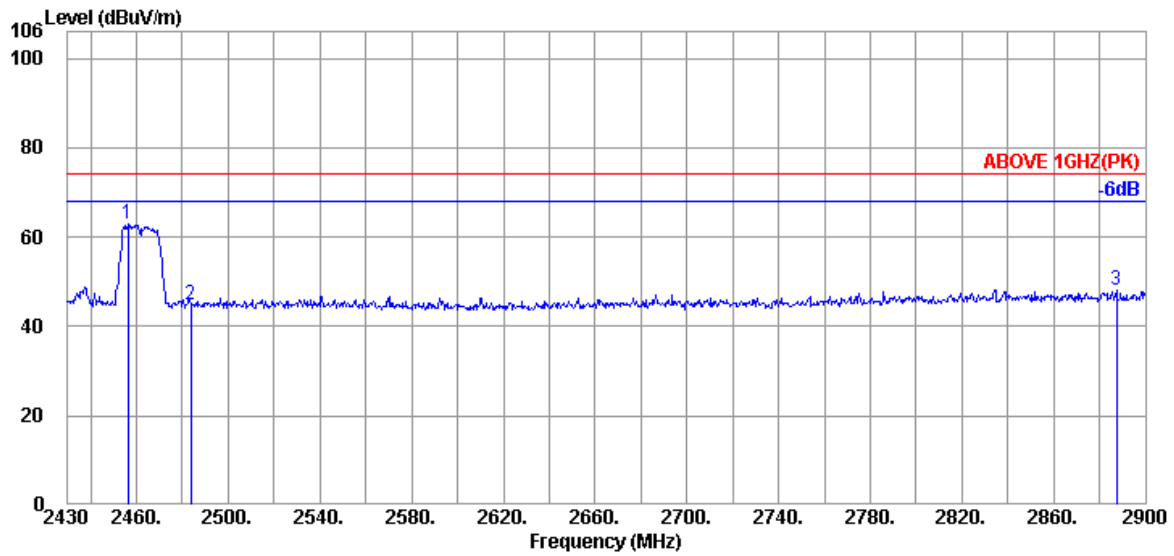


Antenna at Horizontal Polarization

	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
@	2454.910	32.03	8.57	34.60	43.94	49.94	---	---	Average
	2483.580	32.14	8.58	34.61	27.24	33.35	54.00	20.65	Average
	2892.950	32.80	8.68	34.68	28.27	35.07	54.00	18.93	Average

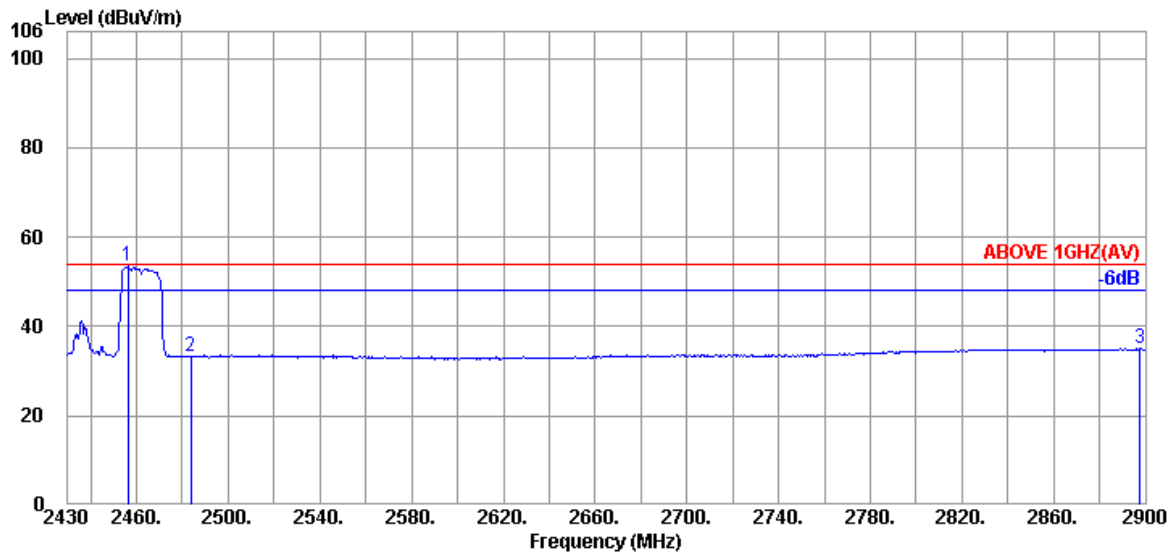
備註：“@”為主波，在此章節是不予以判定。

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
@	2456.320	32.03	8.57	34.60	57.00	63.00	---	---	Peak
	2483.580	32.14	8.58	34.61	38.79	44.90	74.00	29.10	Peak
	2887.310	32.85	8.68	34.68	41.41	48.26	74.00	25.74	Peak

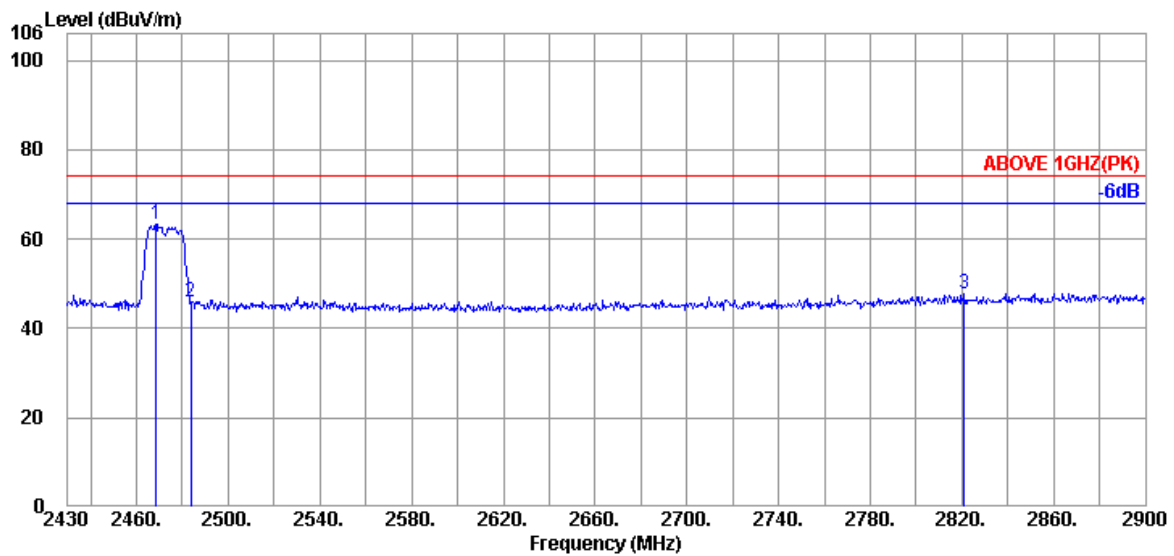


Antenna at Vertical Polarization

	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
@	2456.320	32.03	8.57	34.60	47.38	53.38	---	---	Average
	2483.580	32.14	8.58	34.61	27.17	33.28	54.00	20.72	Average
	2897.650	32.80	8.69	34.68	28.29	35.10	54.00	18.90	Average

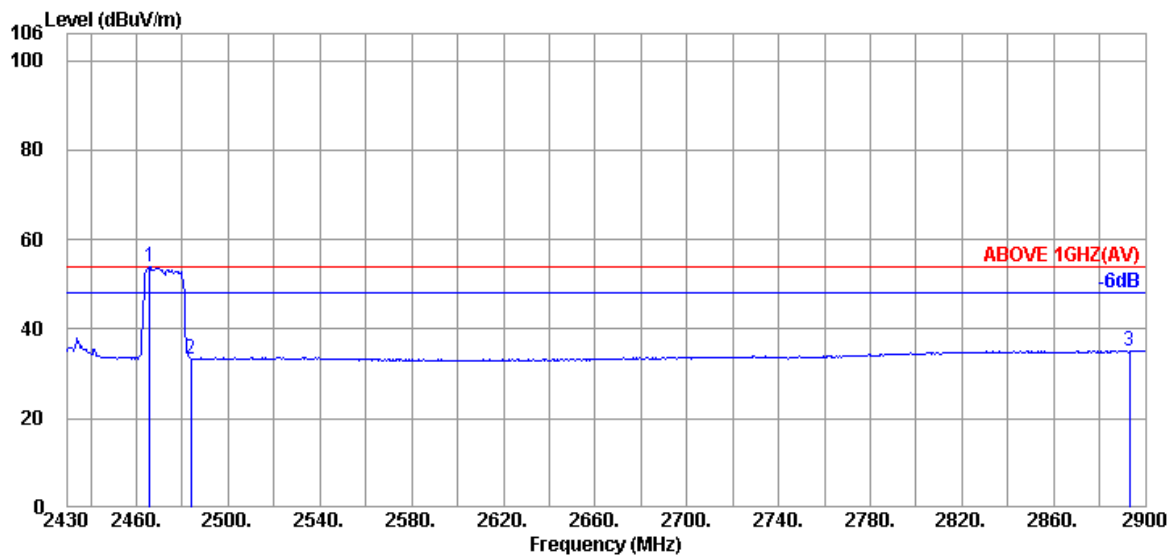
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2472MHz
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Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2468.540	32.09	8.57	34.60	57.21	63.27	---	---	Peak
	2483.580	32.14	8.58	34.61	39.71	45.82	74.00	28.18	Peak
	2821.040	32.85	8.67	34.67	41.02	47.87	74.00	26.13	Peak

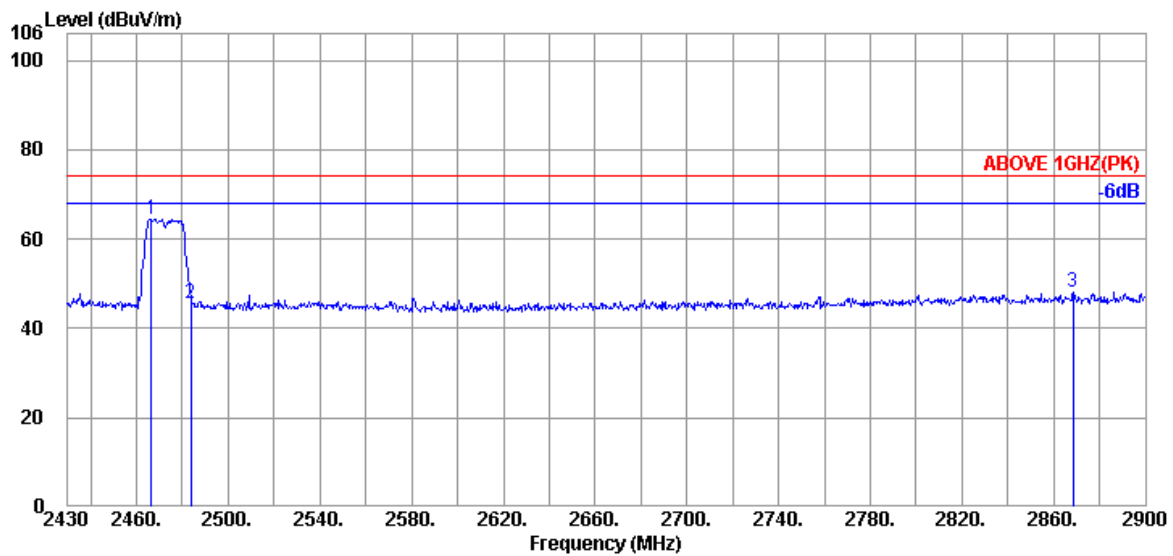


Antenna at Horizontal Polarization

	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
@	2465.720	32.06	8.57	34.60	47.78	53.81	---	---	Average
	2483.580	32.14	8.58	34.61	27.25	33.36	54.00	20.64	Average
	2892.950	32.80	8.68	34.68	28.45	35.25	54.00	18.75	Average

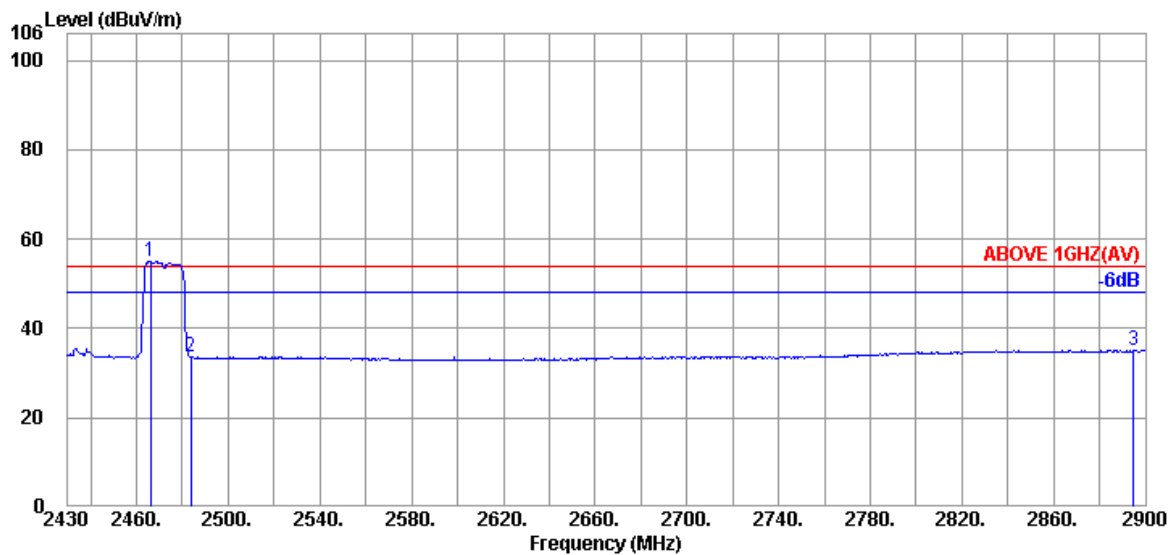
備註：“@”為主波，在此章節是不予以判定。

Mode	802.11g	Frequency	TX 2472MHz
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Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2466.660	32.06	8.57	34.60	58.50	64.53	---	---	Peak
	2483.580	32.14	8.58	34.61	39.32	45.43	74.00	28.57	Peak
	2868.510	32.95	8.68	34.68	41.34	48.29	74.00	25.71	Peak

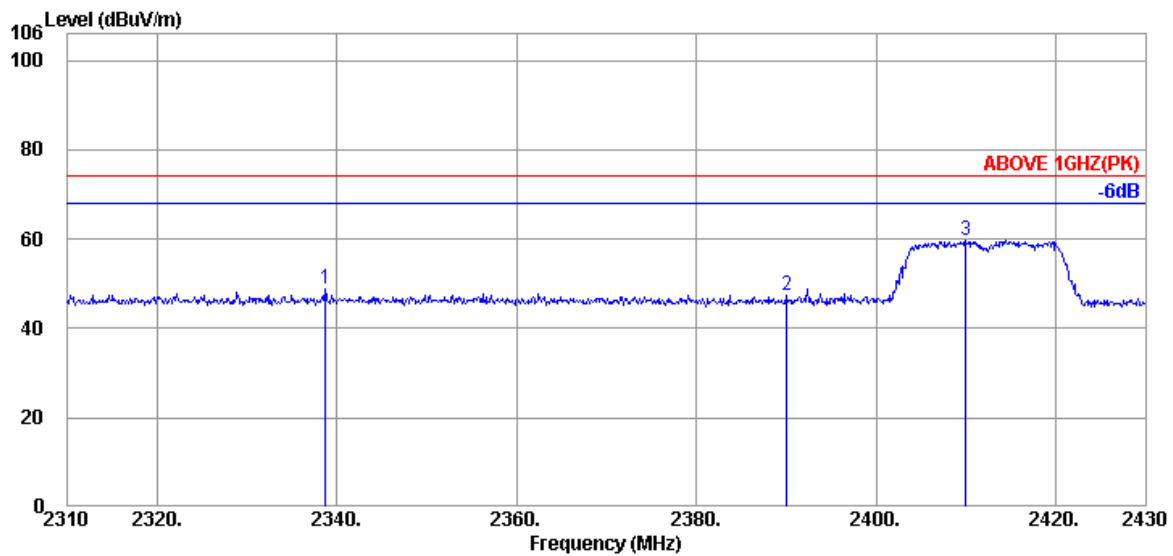


Antenna at Vertical Polarization

	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
@	2466.190	32.06	8.57	34.60	49.02	55.05	---	---	Average
	2483.580	32.14	8.58	34.61	27.43	33.54	54.00	20.46	Average
	2894.830	32.80	8.68	34.68	28.36	35.16	54.00	18.84	Average

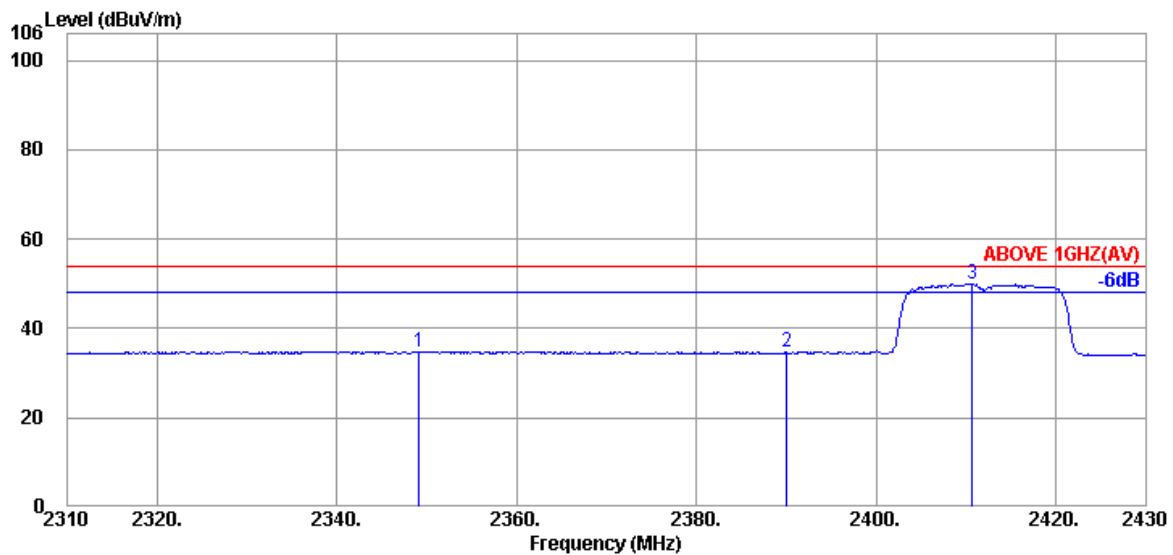
備註：“@”為主波，在此章節是不予以判定。

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

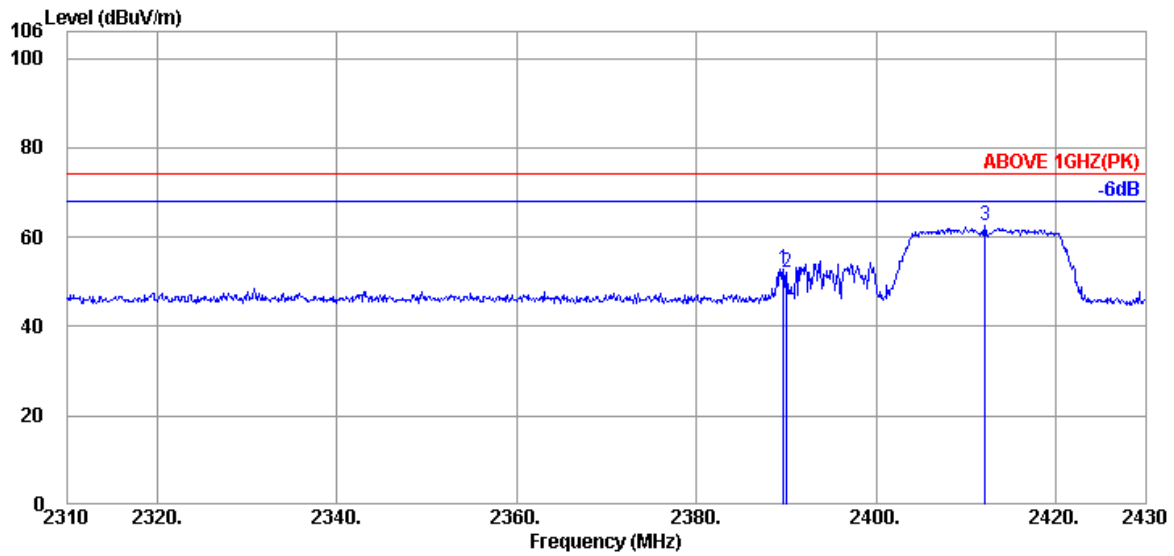
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2338.680	32.17	8.48	34.57	42.73	48.81	74.00	25.19	Peak
2390.040	32.44	8.52	34.58	40.88	47.26	74.00	26.74	Peak
@ 2409.960	32.43	8.53	34.59	53.18	59.55	---	---	Peak



Antenna at Horizontal Polarization

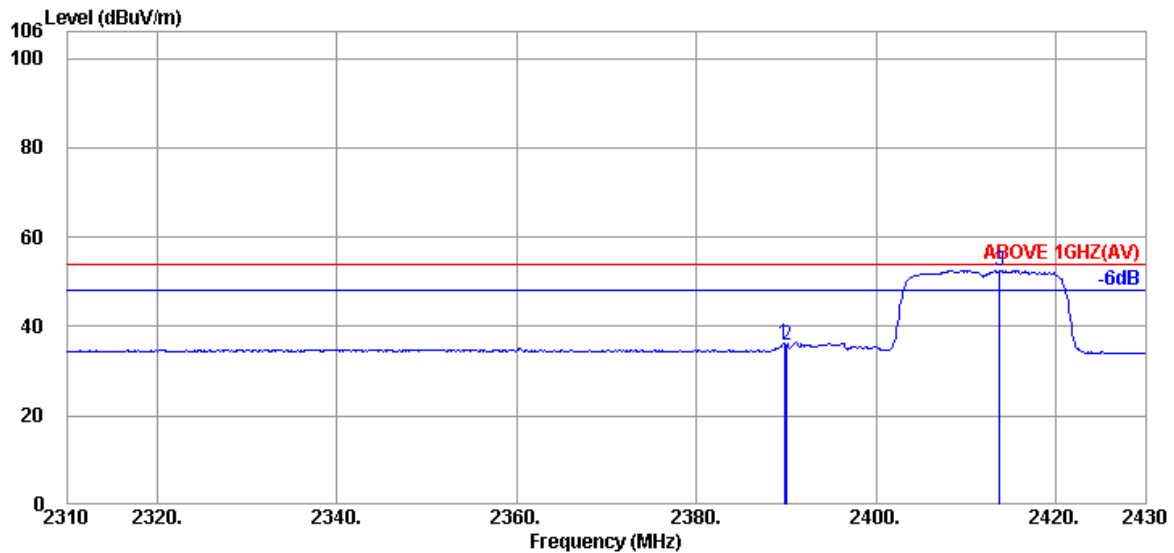
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2349.120	32.24	8.48	34.57	28.72	34.87	54.00	19.13	Average
2390.040	32.44	8.52	34.58	28.36	34.74	54.00	19.26	Average
@ 2410.680	32.43	8.53	34.59	43.50	49.87	---	---	Average

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
2389.680	32.44	8.52	34.58	46.58	52.96	74.00	21.04	Peak
2390.040	32.44	8.52	34.58	45.58	51.96	74.00	22.04	Peak
@ 2412.120	32.36	8.53	34.59	56.44	62.74	---	---	Peak

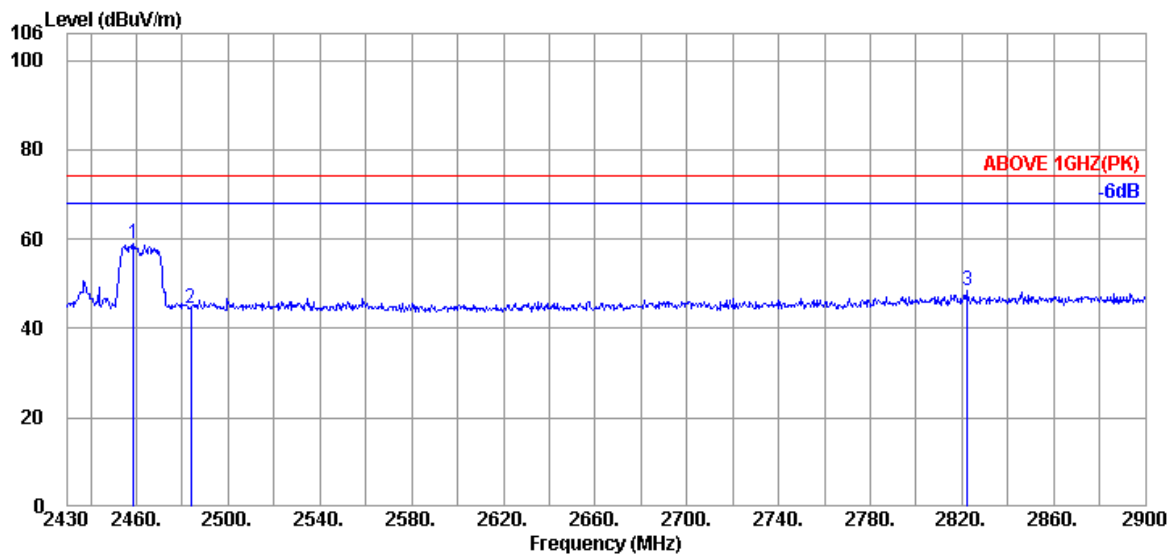


Antenna at Vertical Polarization

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
2389.800	32.44	8.52	34.58	29.80	36.18	54.00	17.82	Average
2390.040	32.44	8.52	34.58	29.57	35.95	54.00	18.05	Average
@ 2413.800	32.36	8.53	34.59	46.31	52.61	---	---	Average

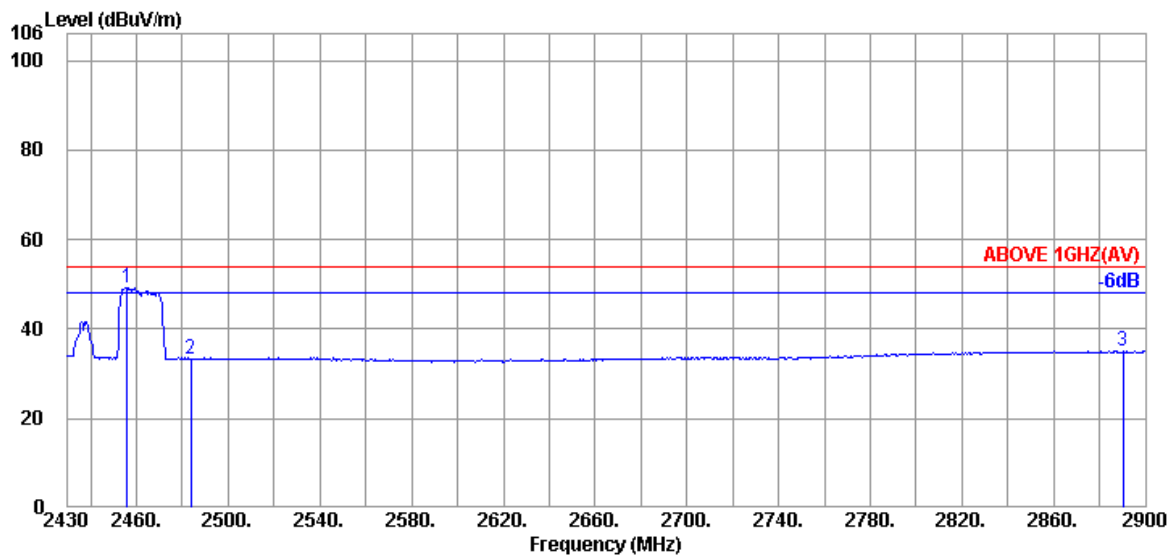
備註：“@”為主波，在此章節是不予以判定。

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
@	2458.670	32.03	8.57	34.60	52.85	58.85	---	---	Peak
	2483.580	32.14	8.58	34.61	38.54	44.65	74.00	29.35	Peak
	2822.450	32.85	8.67	34.67	41.69	48.54	74.00	25.46	Peak

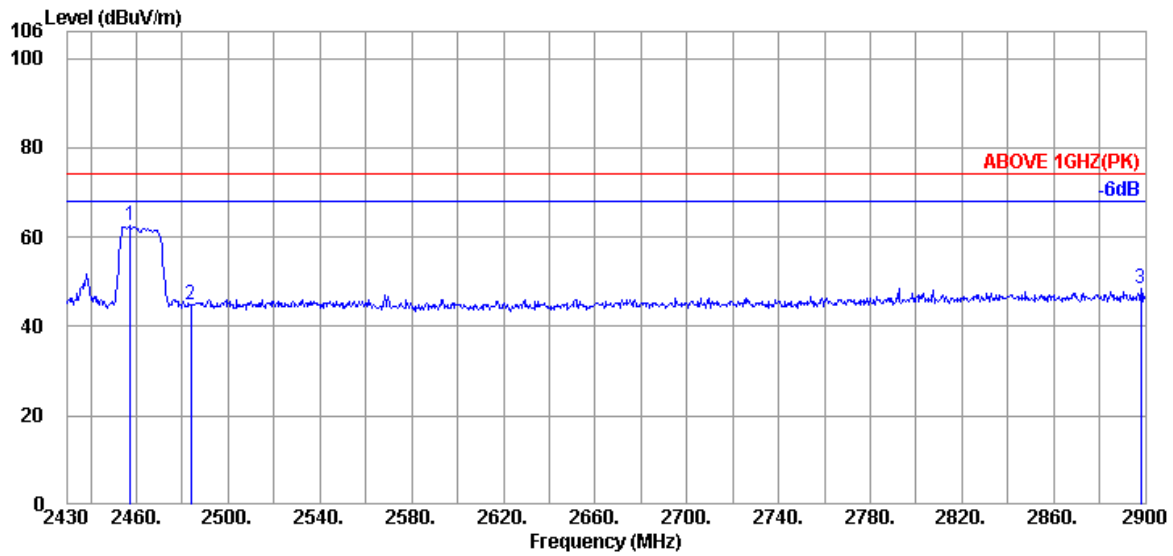


Antenna at Horizontal Polarization

	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
@	2455.850	32.03	8.57	34.60	43.15	49.15	---	---	Average
	2483.580	32.14	8.58	34.61	27.18	33.29	54.00	20.71	Average
	2890.130	32.85	8.68	34.68	28.24	35.09	54.00	18.91	Average

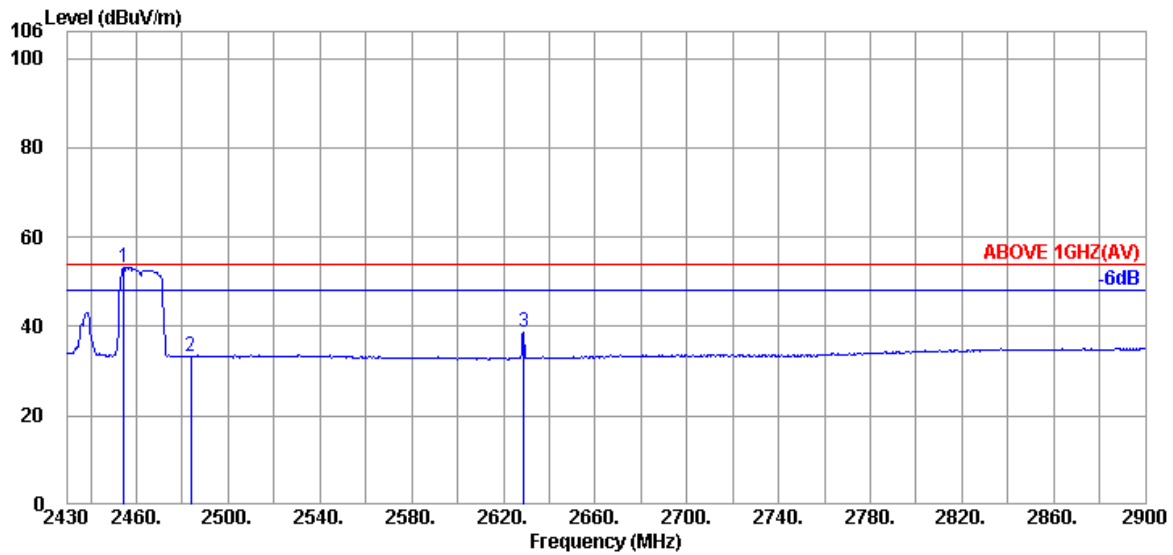
備註：“@”為主波，在此章節是不予以判定。

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
@	2457.260	32.03	8.57	34.60	56.52	62.52	---	---	Peak
	2483.580	32.14	8.58	34.61	38.73	44.84	74.00	29.16	Peak
	2898.120	32.80	8.69	34.68	41.66	48.47	74.00	25.53	Peak

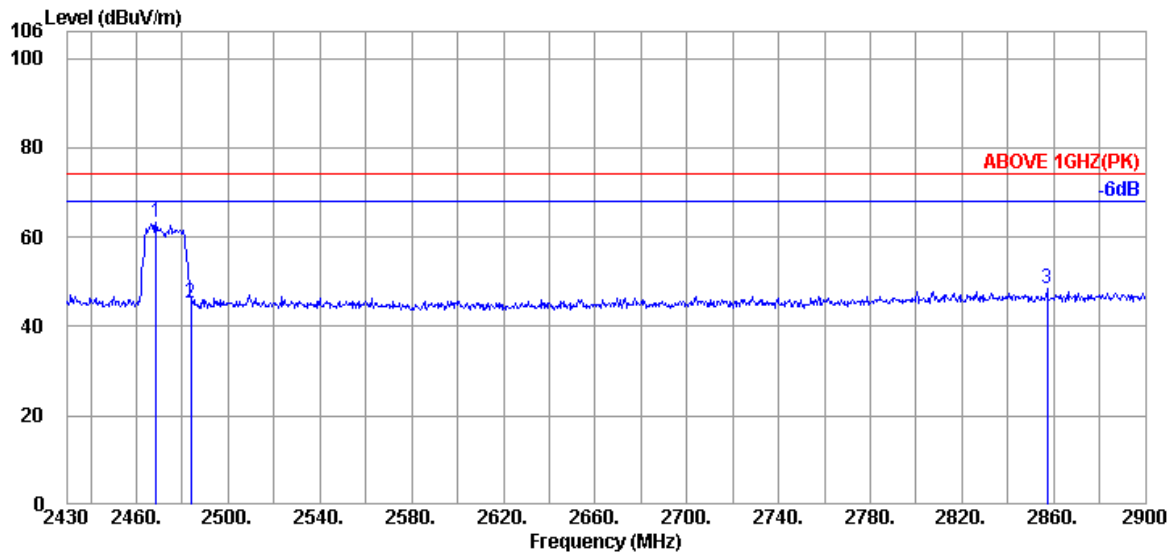


Antenna at Vertical Polarization

	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
@	2454.440	32.03	8.57	34.60	47.13	53.13	---	---	Average
	2483.580	32.14	8.58	34.61	27.10	33.21	54.00	20.79	Average
	2628.810	32.20	8.62	34.63	32.55	38.74	54.00	15.26	Average

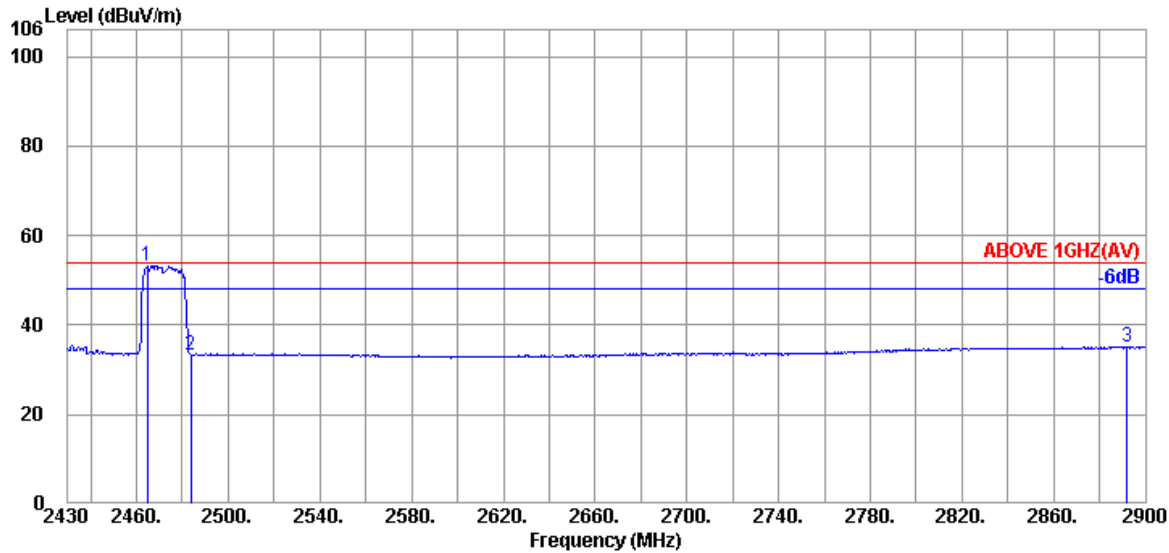
備註：“@”為主波，在此章節是不予以判定。

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
@	2468.540	32.09	8.57	34.60	57.26	63.32	---	---	Peak
	2483.580	32.14	8.58	34.61	39.24	45.35	74.00	28.65	Peak
	2857.230	33.05	8.67	34.68	41.43	48.47	74.00	25.53	Peak

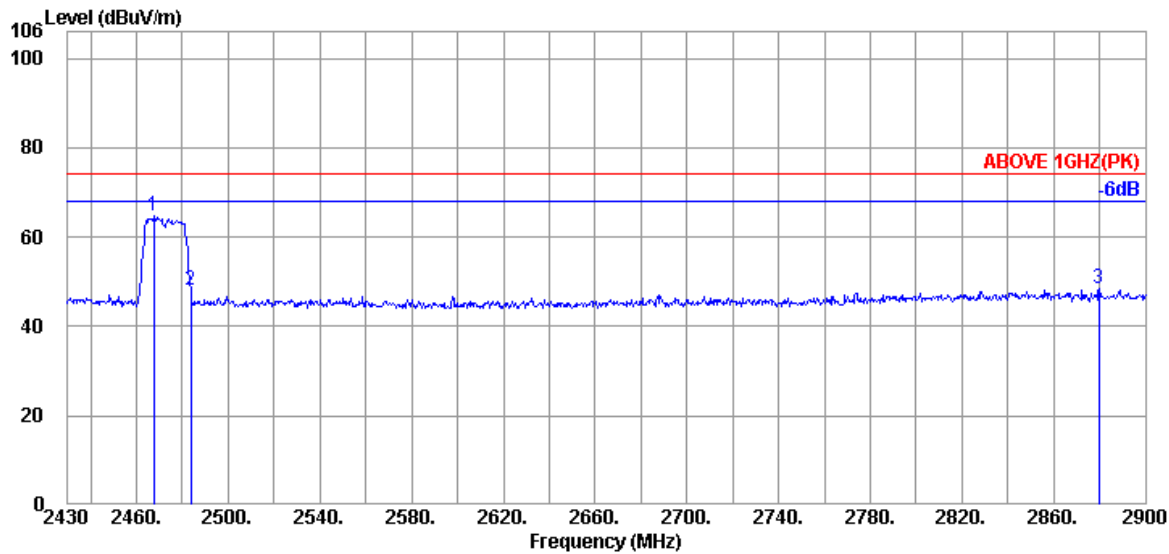


Antenna at Horizontal Polarization

	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
@	2464.780	32.06	8.57	34.60	47.31	53.34	---	---	Average
	2483.580	32.14	8.58	34.61	27.30	33.41	54.00	20.59	Average
	2892.010	32.85	8.68	34.68	28.29	35.14	54.00	18.86	Average

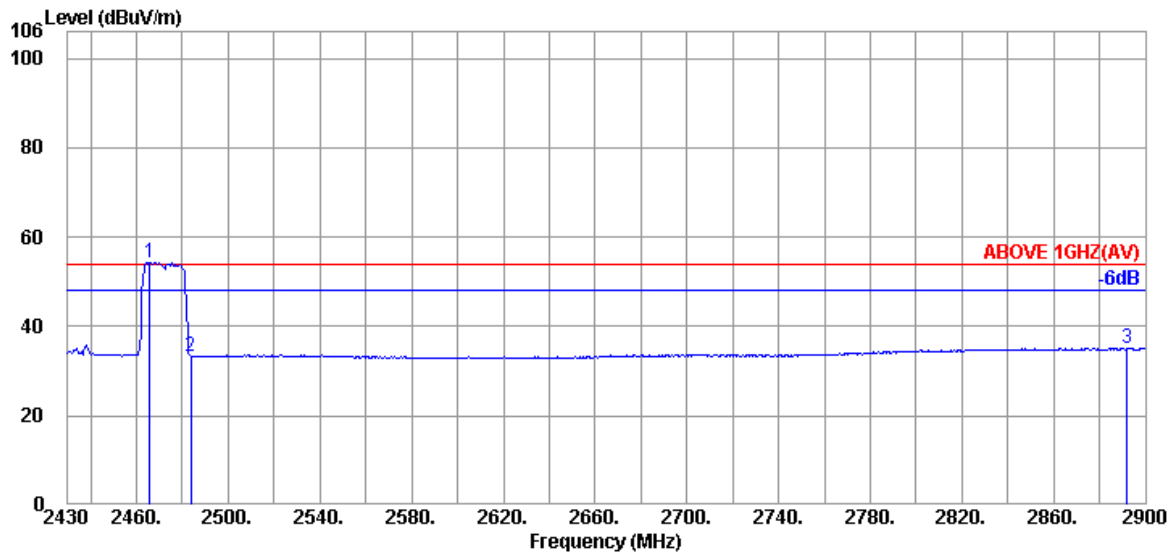
備註：“@”為主波，在此章節是不予以判定。

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
@	2467.600	32.09	8.57	34.60	58.77	64.83	---	---	Peak
	2483.580	32.14	8.58	34.61	41.85	47.96	74.00	26.04	Peak
	2879.790	32.90	8.68	34.68	41.54	48.44	74.00	25.56	Peak

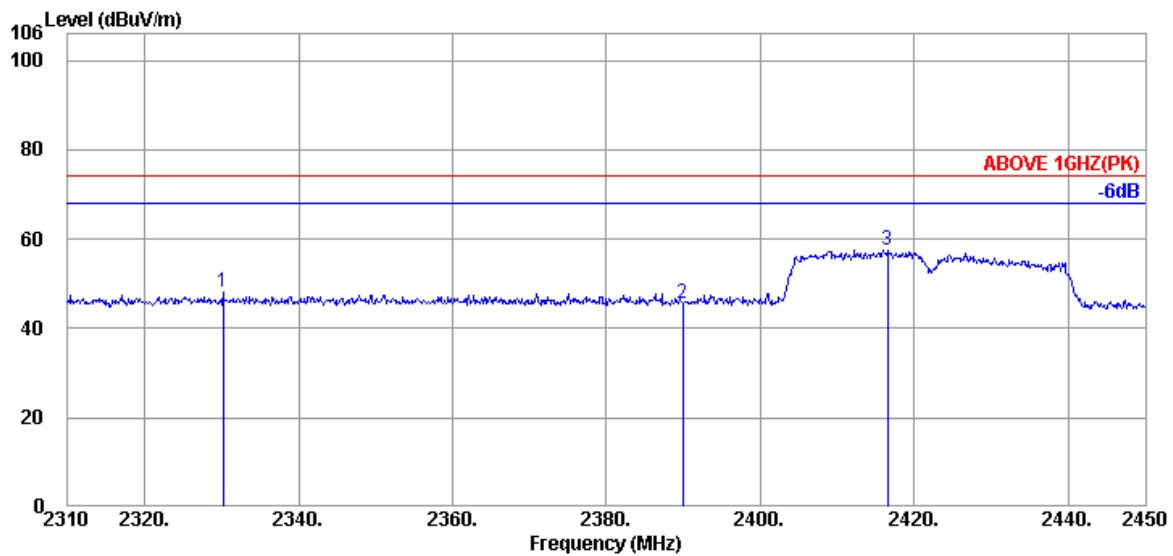


Antenna at Vertical Polarization

	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
@	2465.720	32.06	8.57	34.60	48.32	54.35	---	---	Average
	2483.580	32.14	8.58	34.61	27.28	33.39	54.00	20.61	Average
	2892.010	32.85	8.68	34.68	28.26	35.11	54.00	18.89	Average

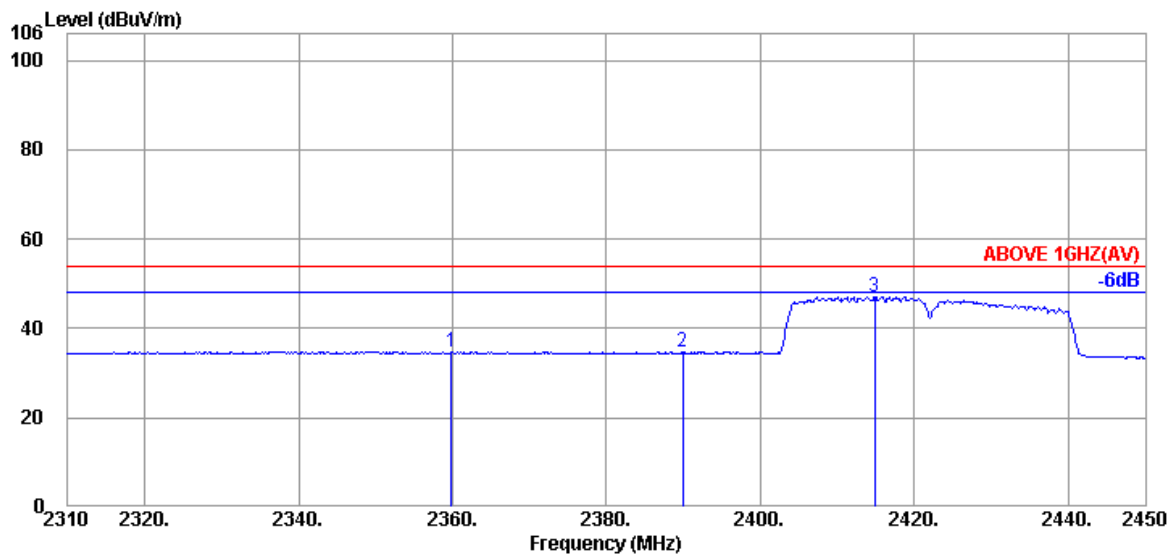
備註：“@”為主波，在此章節是不予以判定。

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
2330.160	32.11	8.47	34.57	42.12	48.13	74.00	25.87	Peak
2389.940	32.44	8.52	34.58	39.10	45.48	74.00	28.52	Peak
@ 2416.540	32.36	8.53	34.59	51.24	57.54	---	---	Peak

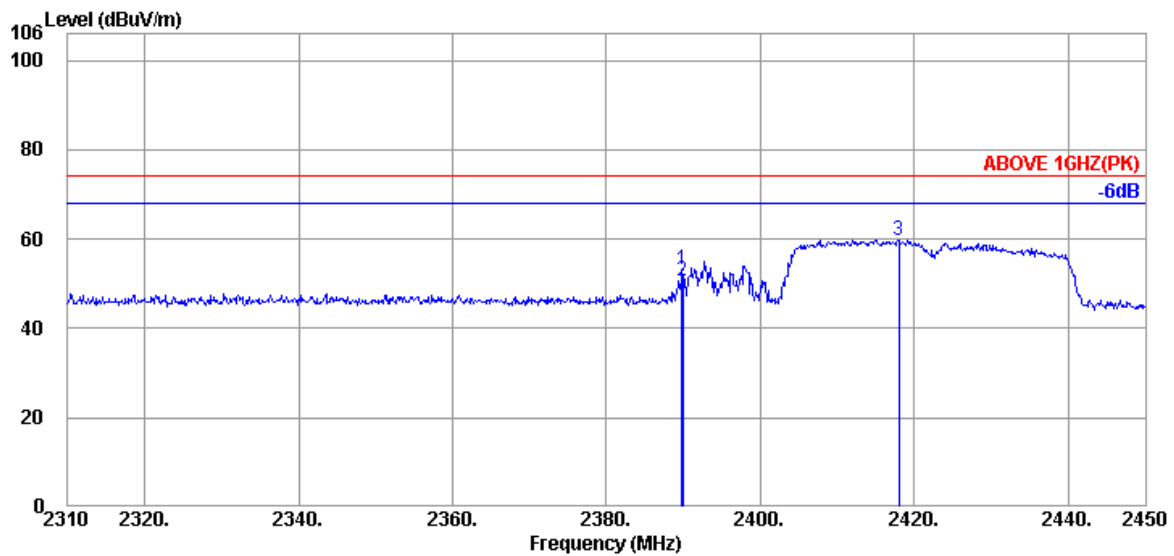


Antenna at Horizontal Polarization

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
2359.840	32.33	8.49	34.58	28.59	34.83	54.00	19.17	Average
2389.940	32.44	8.52	34.58	28.22	34.60	54.00	19.40	Average
@ 2414.860	32.36	8.53	34.59	40.74	47.04	---	---	Average

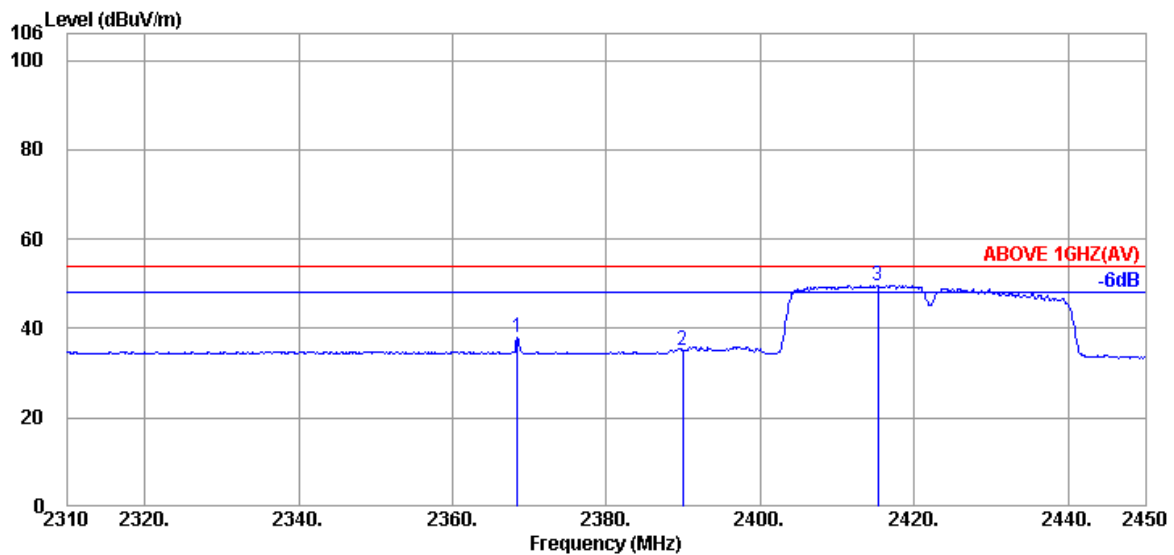
備註：“@”為主波，在此章節是不予以判定。

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.800	32.44	8.52	34.58	46.63	53.01	74.00	20.99	Peak
2389.940	32.44	8.52	34.58	44.15	50.53	74.00	23.47	Peak
@ 2417.940	32.36	8.53	34.59	53.47	59.77	---	---	Peak

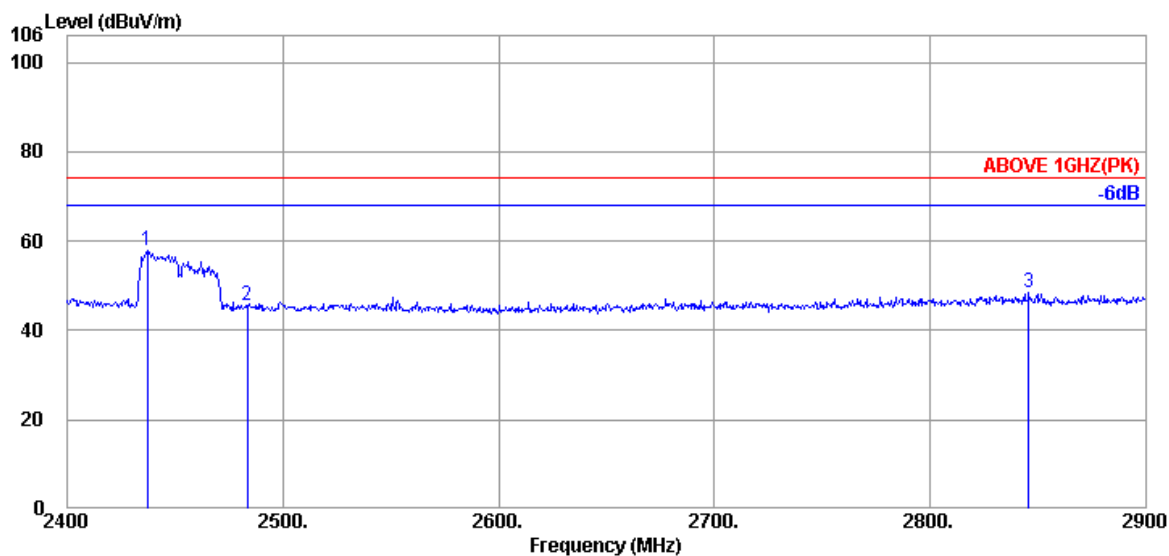


Antenna at Vertical Polarization

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
2368.380	32.36	8.49	34.58	31.70	37.97	54.00	16.03	Average
2389.940	32.44	8.52	34.58	28.58	34.96	54.00	19.04	Average
@ 2415.280	32.36	8.53	34.59	43.41	49.71	---	---	Average

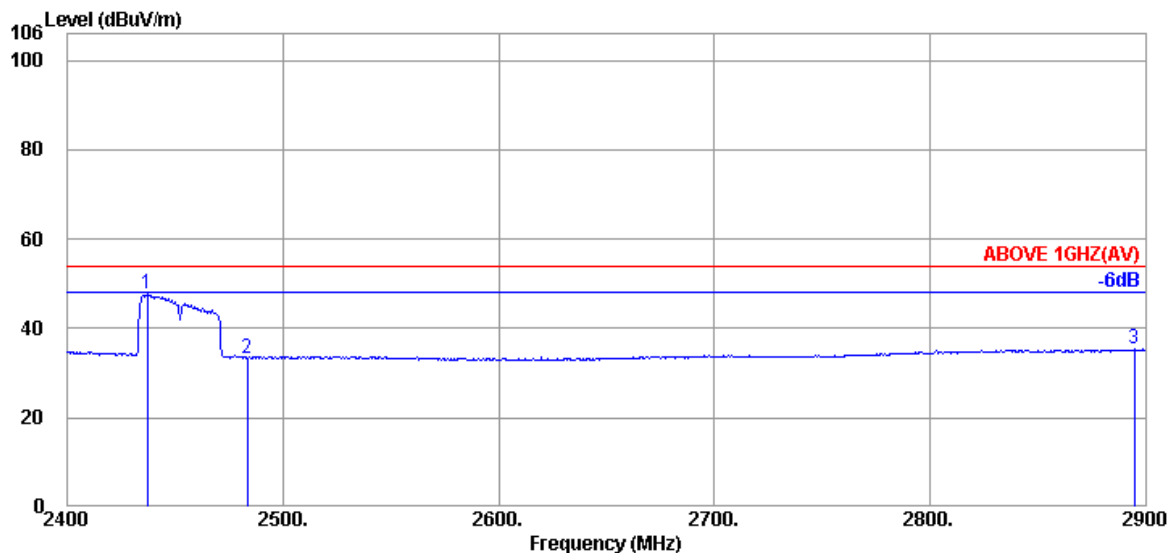
備註：“@”為主波，在此章節是不予以判定。

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2437.000	32.14	8.55	34.59	51.90	58.00	---	---	Peak
	2483.500	32.14	8.58	34.61	39.33	45.44	74.00	28.56	Peak
	2846.000	33.10	8.67	34.67	41.25	48.35	74.00	25.65	Peak

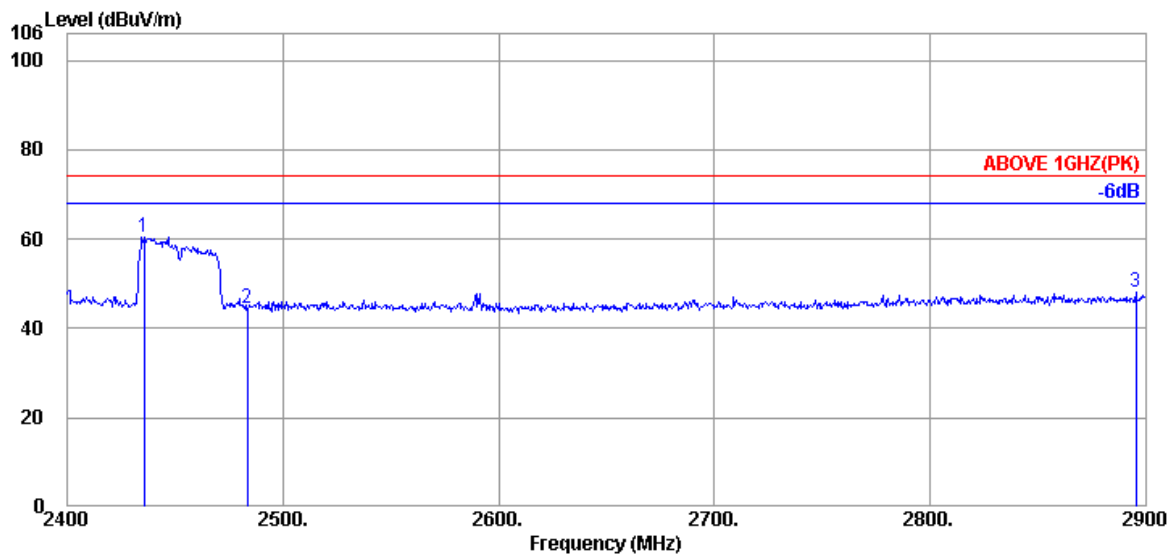


Antenna at Horizontal Polarization

	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
@	2437.000	32.14	8.55	34.59	41.60	47.70	---	---	Average
	2483.500	32.14	8.58	34.61	27.23	33.34	54.00	20.66	Average
	2895.000	32.80	8.68	34.68	28.54	35.34	54.00	18.66	Average

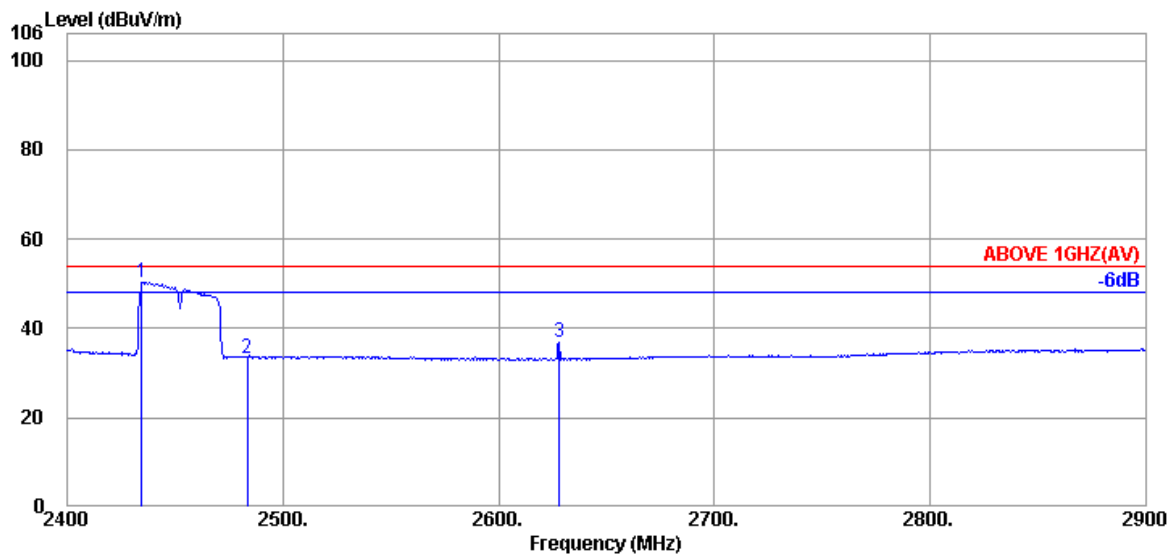
備註：“@”為主波，在此章節是不予以判定。

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
@	2435.500	32.14	8.54	34.59	54.32	60.41	---	---	Peak
	2483.500	32.14	8.58	34.61	38.52	44.63	74.00	29.37	Peak
	2895.500	32.80	8.69	34.68	41.13	47.94	74.00	26.06	Peak

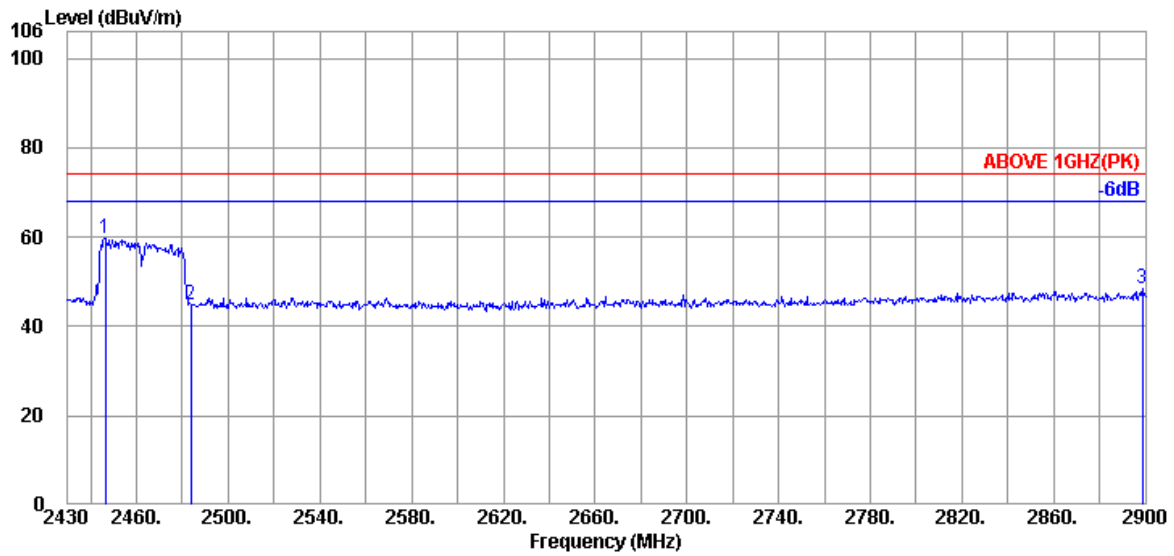


Antenna at Vertical Polarization

	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
@	2434.500	32.14	8.54	34.59	44.33	50.42	---	---	Average
	2483.500	32.14	8.58	34.61	27.31	33.42	54.00	20.58	Average
	2628.000	32.20	8.62	34.63	30.67	36.86	54.00	17.14	Average

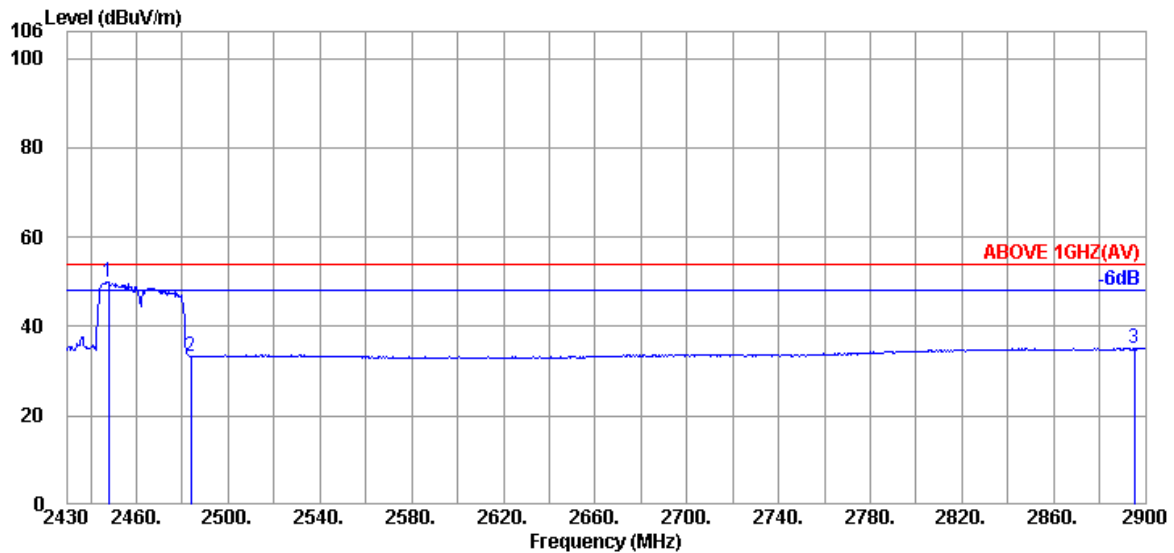
備註：“@”為主波，在此章節是不予以判定。

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
@	2446.450	32.00	8.55	34.60	53.92	59.87	---	---	Peak
	2483.580	32.14	8.58	34.61	38.59	44.70	74.00	29.30	Peak
	2898.590	32.80	8.69	34.68	41.67	48.48	74.00	25.52	Peak

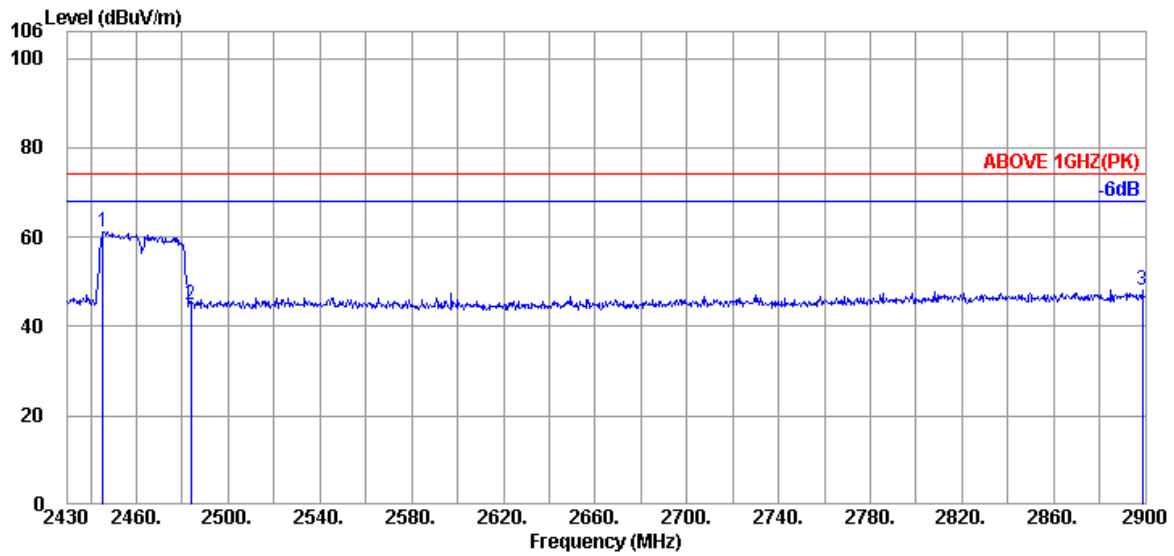


Antenna at Horizontal Polarization

	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
@	2447.860	32.00	8.55	34.60	44.03	49.98	---	---	Average
	2483.580	32.14	8.58	34.61	27.18	33.29	54.00	20.71	Average
	2895.300	32.80	8.68	34.68	28.35	35.15	54.00	18.85	Average

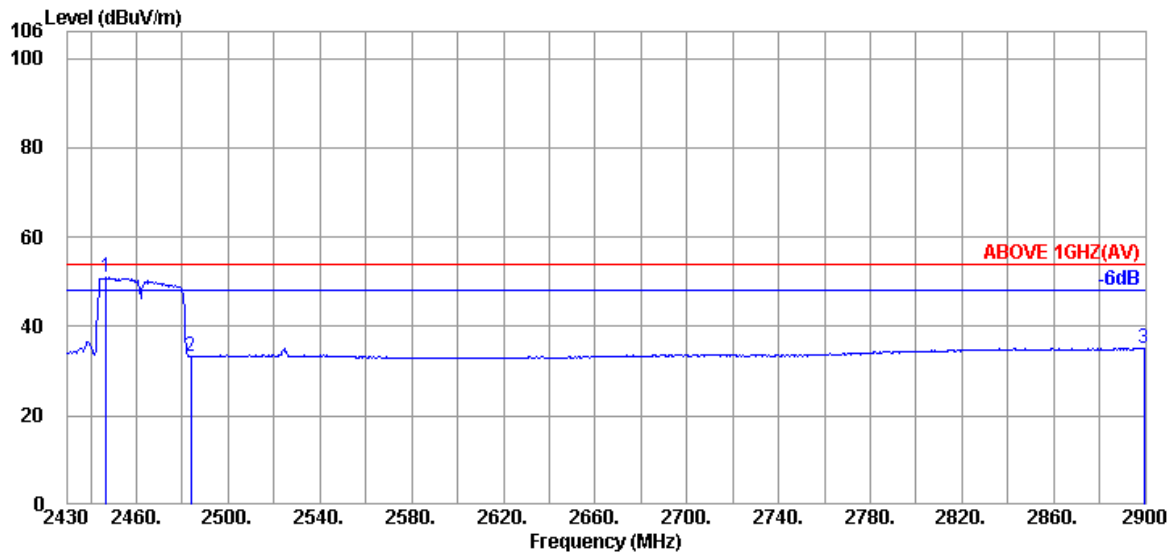
備註：“@”為主波，在此章節是不予以判定。

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2445.510	32.07	8.55	34.60	55.15	61.17	---	---	Peak
	2483.580	32.14	8.58	34.61	38.74	44.85	74.00	29.15	Peak
	2898.590	32.80	8.69	34.68	41.36	48.17	74.00	25.83	Peak



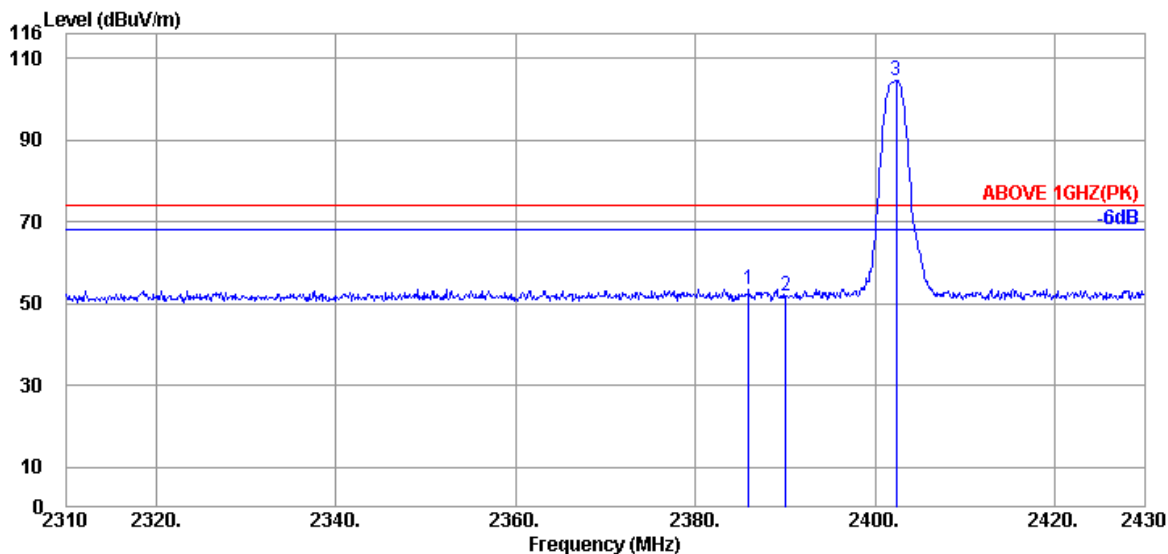
Antenna at Vertical Polarization

	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
@	2446.920	32.00	8.55	34.60	45.03	50.98	---	---	Average
	2483.580	32.14	8.58	34.61	27.22	33.33	54.00	20.67	Average
	2899.530	32.80	8.69	34.68	28.39	35.20	54.00	18.80	Average

備註：“@”為主波，在此章節是不予以判定。

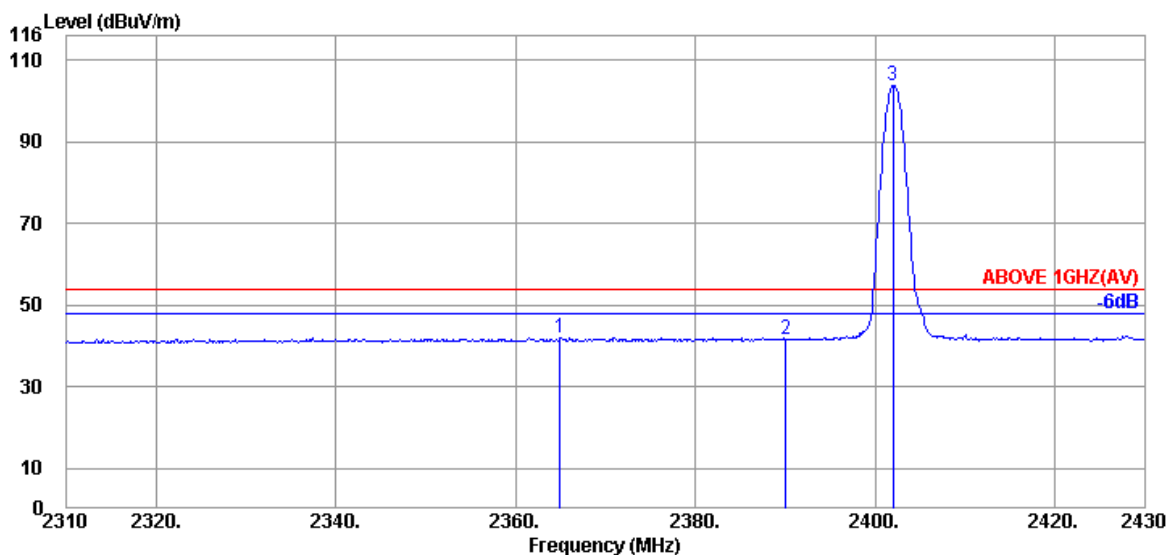
● BLE 測試模式

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 (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2385.960	32.44	8.52	34.58	47.25	53.63	74.00	20.37	Peak
2390.040	32.44	8.52	34.58	45.38	51.76	74.00	22.24	Peak
@ 2402.400	32.50	8.52	34.59	98.15	104.58	---	---	Peak

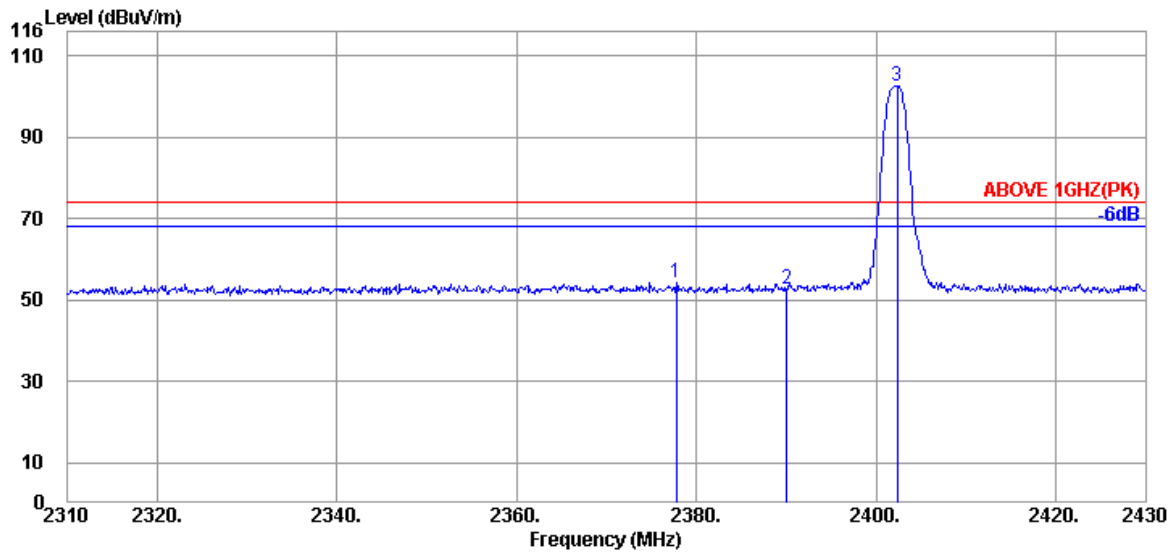


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
2364.960	32.36	8.49	34.58	35.74	42.01	54.00	11.99	Average
2390.040	32.44	8.52	34.58	35.01	41.39	54.00	12.61	Average
@ 2402.040	32.50	8.52	34.59	97.37	103.80	---	---	Average

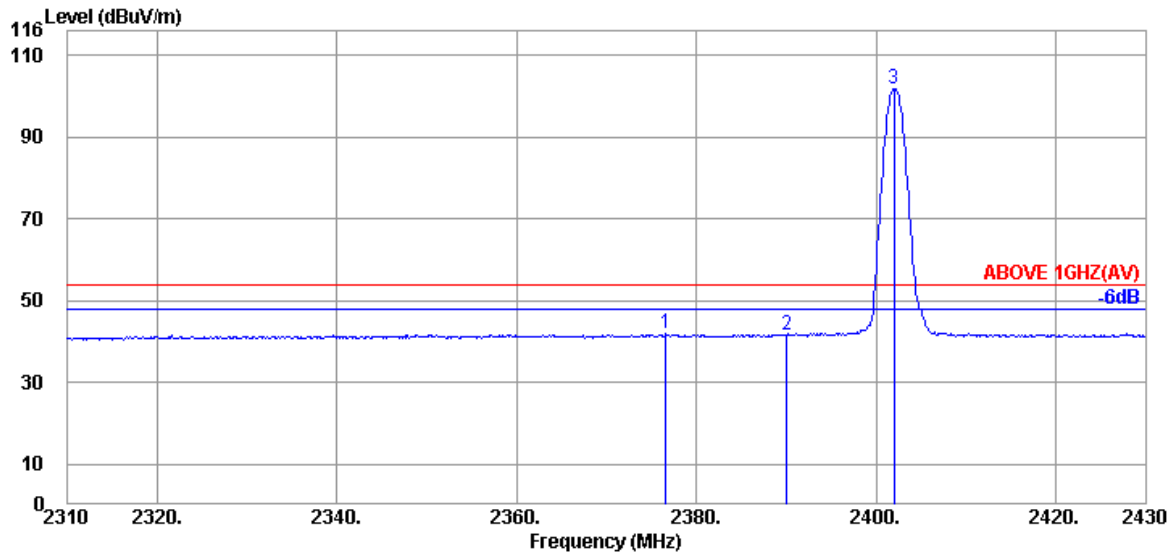
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE	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
2377.800	32.41	8.51	34.58	47.78	54.12	74.00	19.88	Peak
2390.040	32.44	8.52	34.58	46.21	52.59	74.00	21.41	Peak
@ 2402.400	32.50	8.52	34.59	96.24	102.67	---	---	Peak

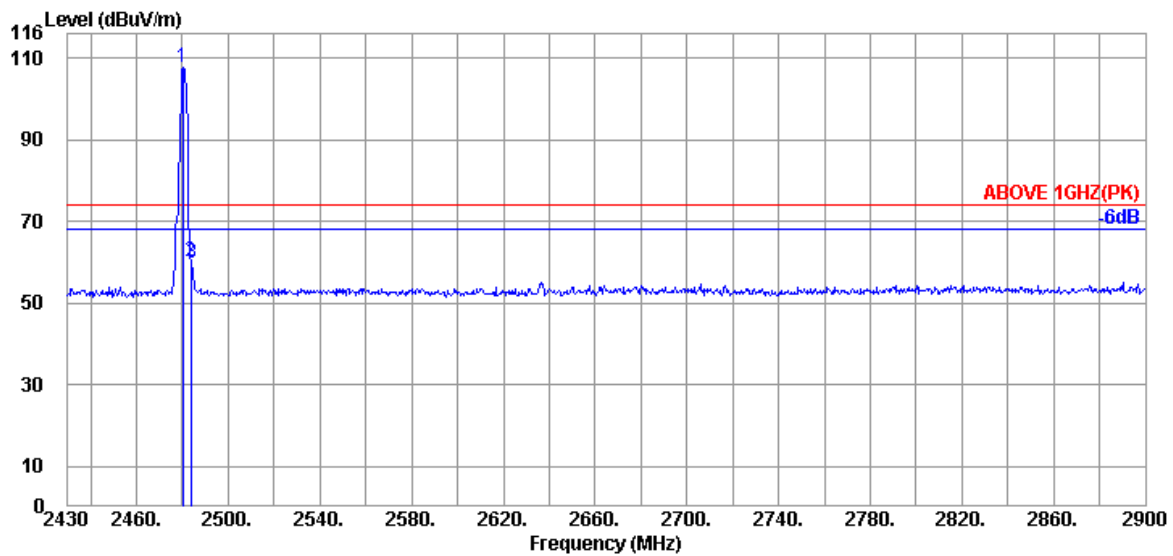


Antenna at Vertical Polarization

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
2376.600	32.41	8.51	34.58	35.47	41.81	54.00	12.19	Average
2390.040	32.44	8.52	34.58	35.28	41.66	54.00	12.34	Average
@ 2402.040	32.50	8.52	34.59	95.46	101.89	---	---	Average

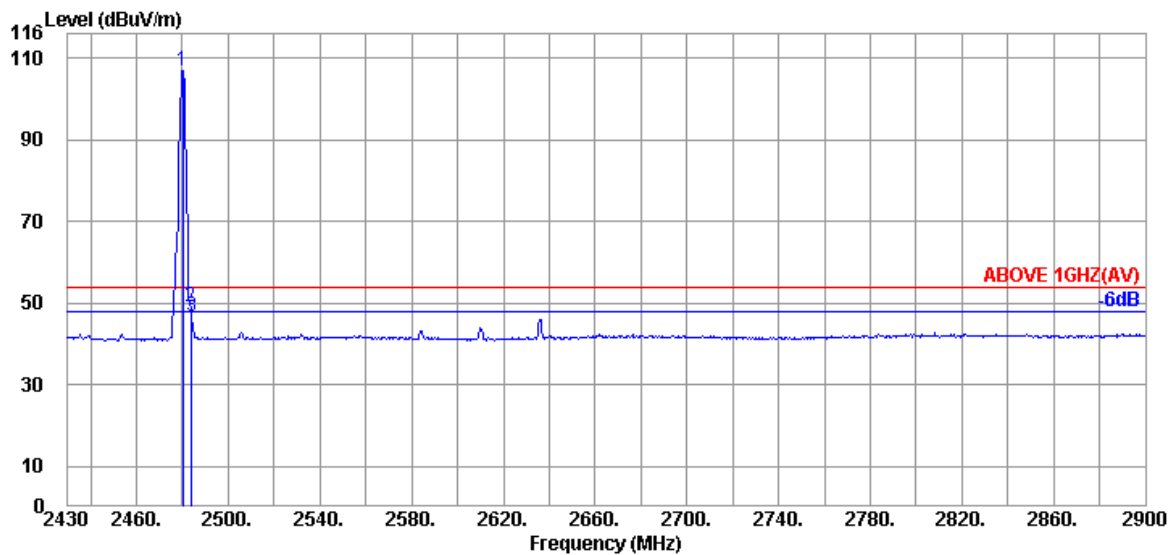
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE	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
@	2480.290	32.11	8.58	34.60	101.55	107.64	---	---	Peak
	2483.580	32.14	8.58	34.61	53.88	59.99	74.00	14.01	Peak
	2484.050	32.14	8.58	34.61	53.68	59.79	74.00	14.21	Peak

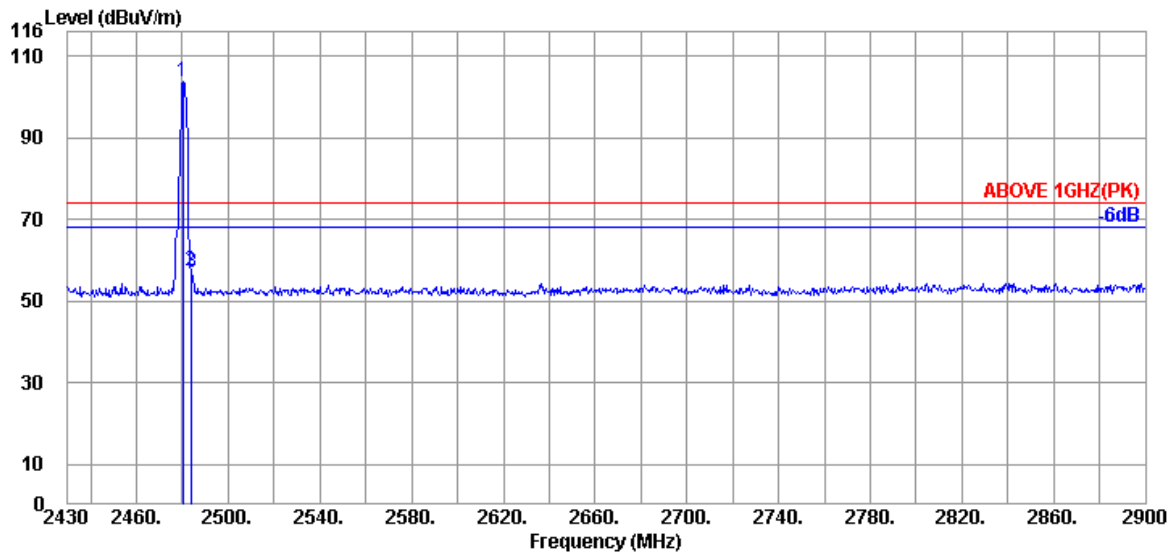


Antenna at Horizontal Polarization

	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
@	2480.290	32.11	8.58	34.60	100.71	106.80	---	---	Average
	2483.580	32.14	8.58	34.61	42.80	48.91	54.00	5.09	Average
	2484.050	32.14	8.58	34.61	40.43	46.54	54.00	7.46	Average

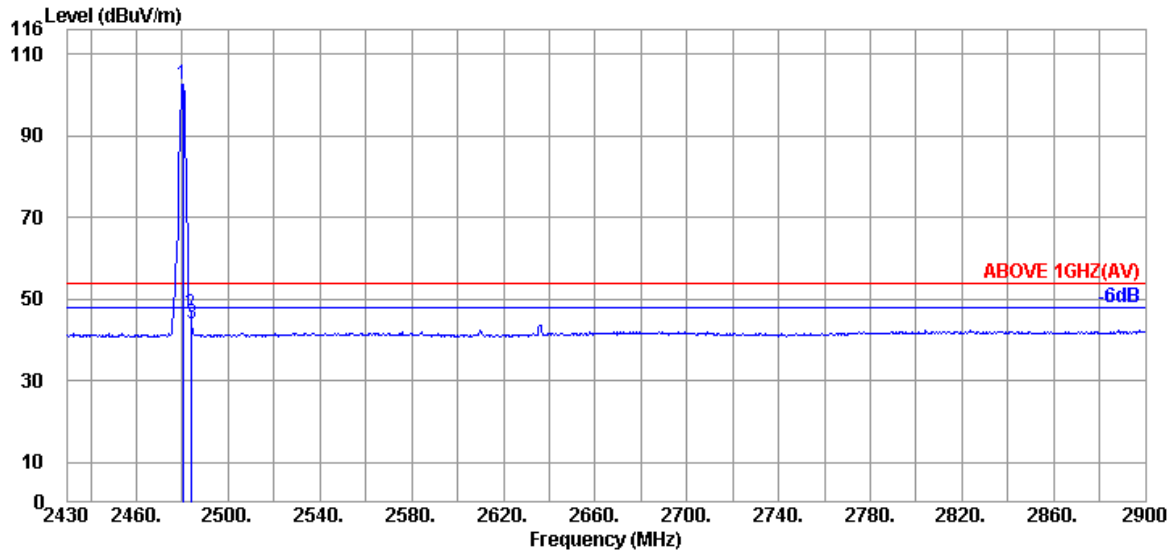
備註：“@”為主波，在此章節是不予以判定。

Mode	BLE	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
@	2480.290	32.11	8.58	34.60	97.44	103.53	---	---	Peak
	2483.580	32.14	8.58	34.61	51.40	57.51	74.00	16.49	Peak
	2484.050	32.14	8.58	34.61	50.84	56.95	74.00	17.05	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
@	2480.290	32.11	8.58	34.60	96.60	102.69	---	---	Average
	2483.580	32.14	8.58	34.61	40.28	46.39	54.00	7.61	Average
	2484.050	32.14	8.58	34.61	37.98	44.09	54.00	9.91	Average

備註：“@”為主波，在此章節是不予以判定。

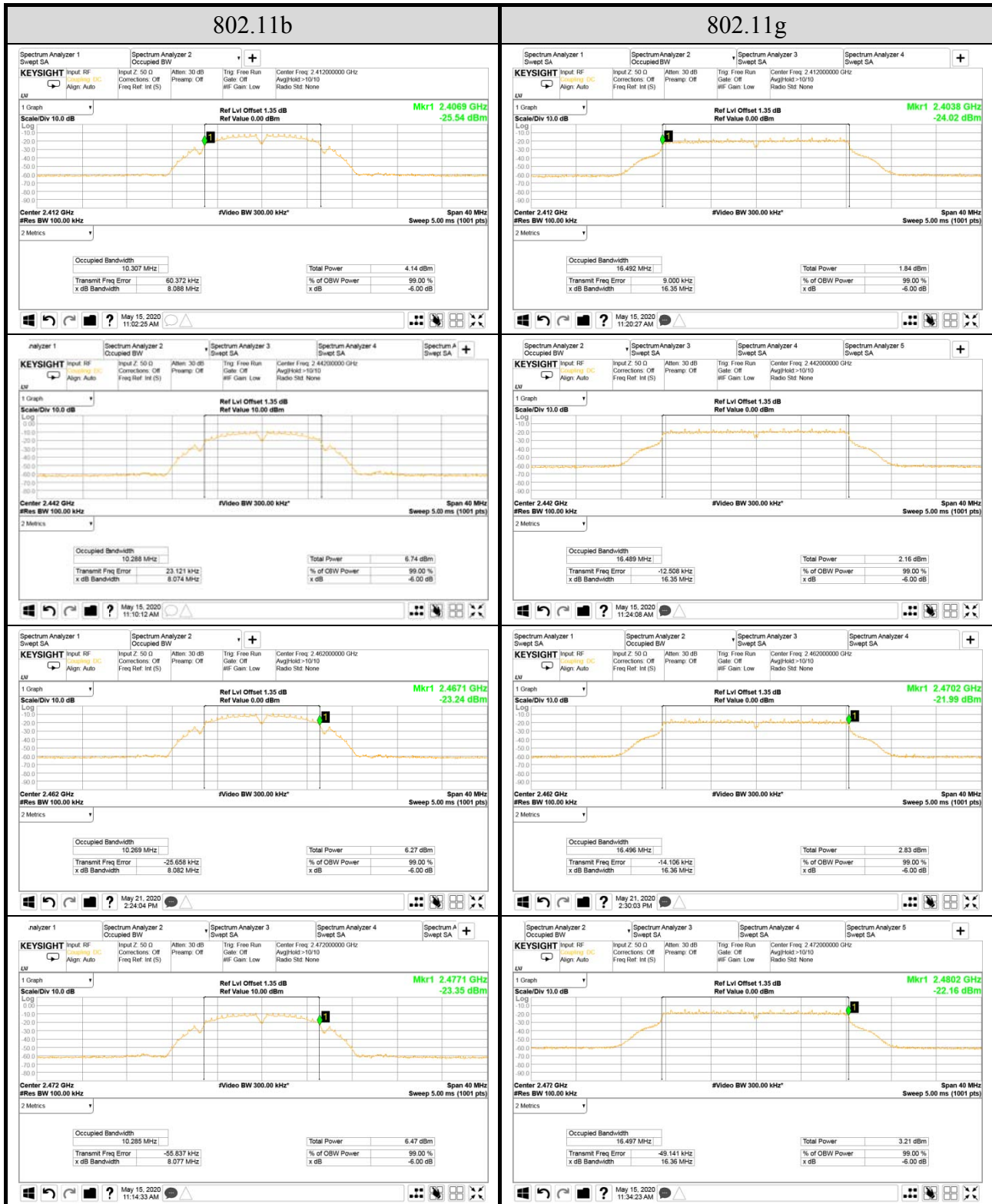
3. 發射頻寬之量測

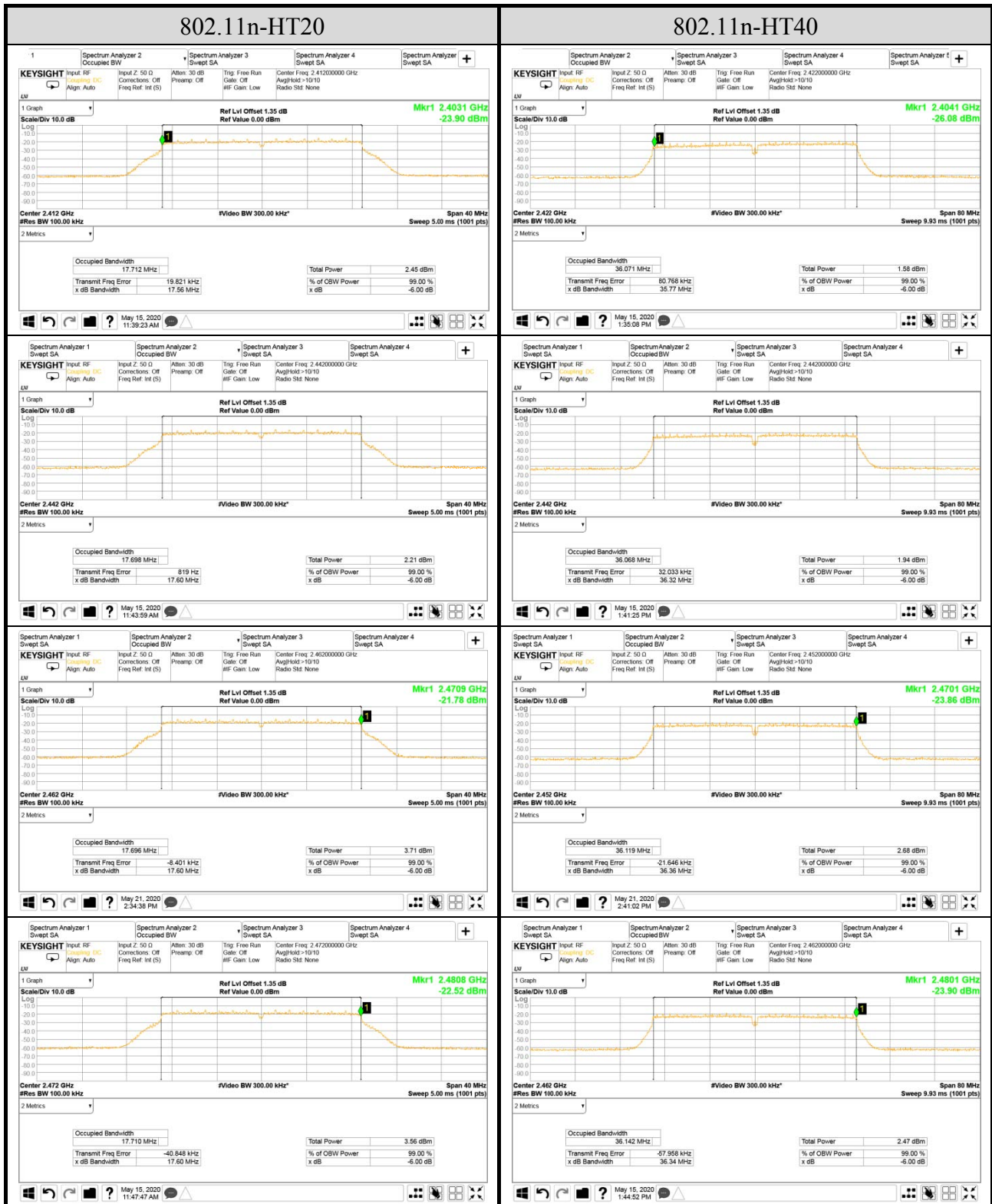
測試日期	2020/05/12~21	環境溫/濕度	24~25°C/48~53%
測試電壓	(1)WLAN 模式: DC 3.8V (經直流電源供應器供電) (2)BLE 模式:DC 5V(經 USB 電源供電)	電纜損失	1.35dB
		測試人員	Brian Hsieh

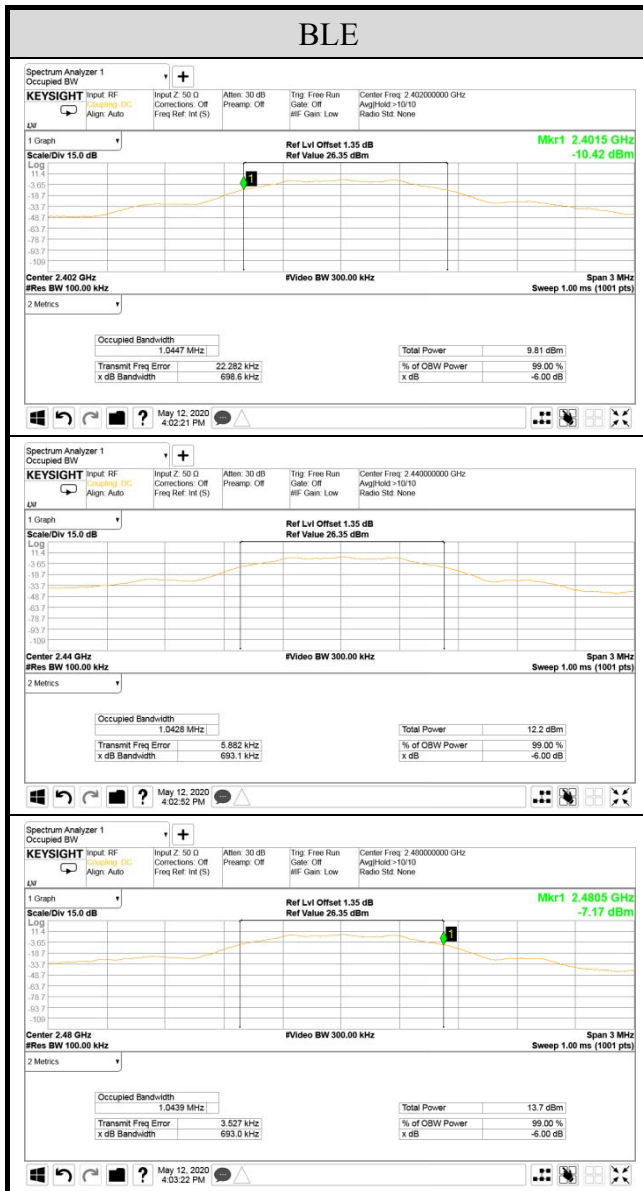
3.1. 發射頻寬

模式	測試頻率 (MHz)	6dB 頻寬 (MHz)	限制值 (kHz)
802.11b	2412	8.088	>500
	2442	8.074	
	2462	8.082	
	2472	8.077	
802.11g	2412	16.35	
	2442	16.35	
	2462	16.36	
	2472	16.36	
802.11n-HT20	2412	17.56	
	2442	17.60	
	2462	17.60	
	2472	17.60	
802.11n-HT40	2422	35.77	
	2442	36.35	
	2452	36.36	
	2462	36.34	
BLE	2402	0.6986	
	2440	0.6931	
	2480	0.6930	

3.2. 發射頻寬之量測圖







4. 峰值輸出功率之量測

測試日期	2020/05/12~21	環境溫/濕度	24~25°C/48~53%
測試電壓	(1)WLAN 模式: DC 3.8V (經直流電源供應器供電) (2)BLE 模式:DC 5V(經 USB 電源供電)	電纜損失	1.35dB
		測試人員	Brian Hsieh

4.1. 峰值輸出功率

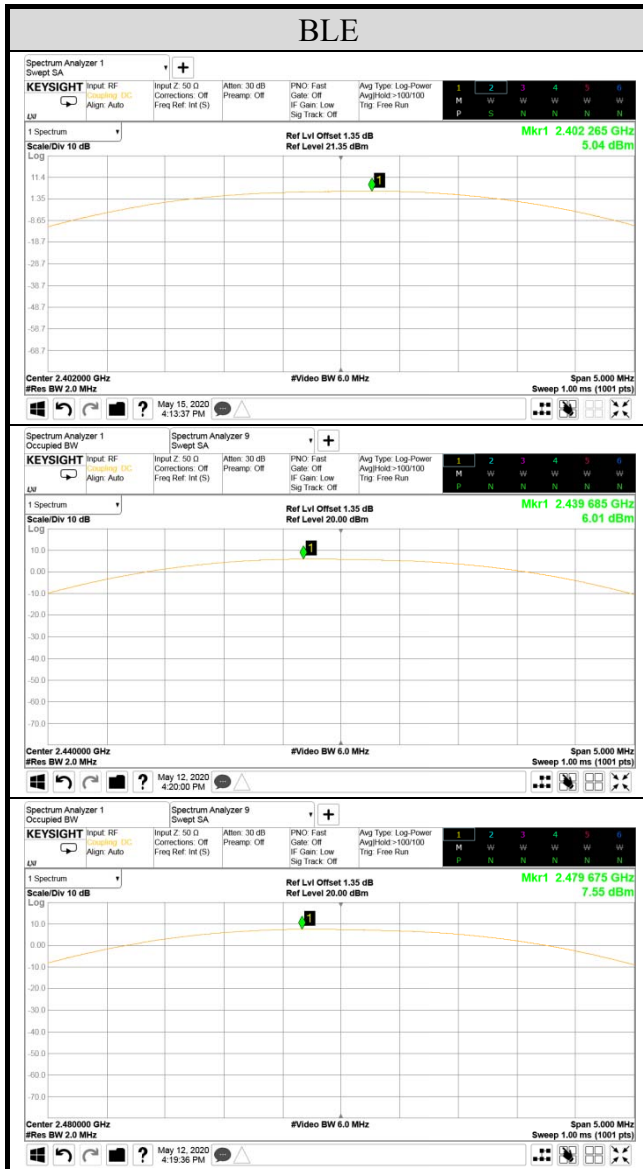
模式	測試頻率 (MHz)	輸出功率(dBm)	限制值 (dBm)
802.11b	2412	1.89	30
	2442	4.78	
	2462	4.45	
	2467	4.10	
	2472	4.79	
802.11g	2412	8.54	
	2442	8.81	
	2462	9.55	
	2467	9.29	
	2472	9.59	
802.11n-HT20	2412	8.46	
	2442	9.19	
	2462	9.06	
	2467	9.98	
	2472	10.12	
802.11n-HT40	2422	8.23	
	2442	8.32	
	2452	8.44	
	2457	9.27	
	2462	10.33	
BLE	2402	5.04	
	2440	6.01	
	2480	7.55	

4.2. 平均輸出功率(參考用)

模式	測試頻率 (MHz)	Duty Cycle (X)	輸出功率			限制值 (dBm)
			輸出功率 (dBm)	$10\log(1/X)$	Total 輸出功率 (dBm)	
802.11b	2412	0.991	-1.46	N/A	-1.46	30
	2442		1.36		1.36	
	2462		0.98		0.98	
	2467		0.69		0.69	
	2472		1.41		1.41	
802.11g	2412	0.936	-2.58	0.288	-2.29	
	2442		-2.41		-2.12	
	2462		-1.85		-1.56	
	2467		-1.86		-1.57	
	2472		-1.61		-1.32	
802.11n-HT20	2412	0.932	-2.92	0.306	-2.61	
	2442		-2.53		-2.22	
	2462		-2.03		-1.72	
	2467		-1.93		-1.62	
	2472		-1.81		-1.50	
802.11n-HT40	2422	0.872	-3.07	0.592	-2.48	
	2442		-2.55		-1.96	
	2452		-2.29		-1.70	
	2457		-2.75		-2.16	
	2462		-2.09		-1.50	

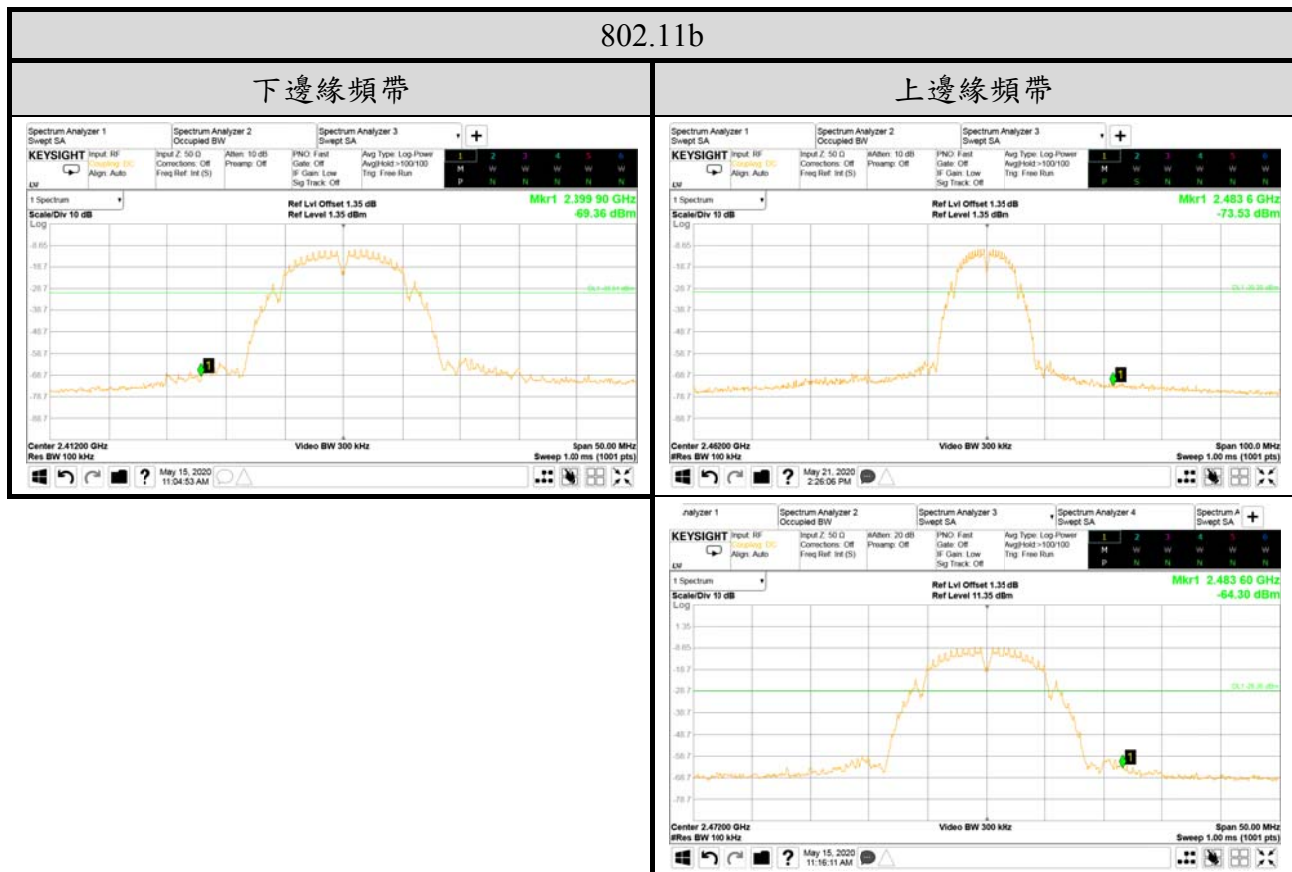
註：當 Duty cycle<98%，最大輸出功率必需要加上 duty cycle factor $10\log(1/x)$ 。(x=duty cycle)

4.3. 峰值輸出功率之量測圖



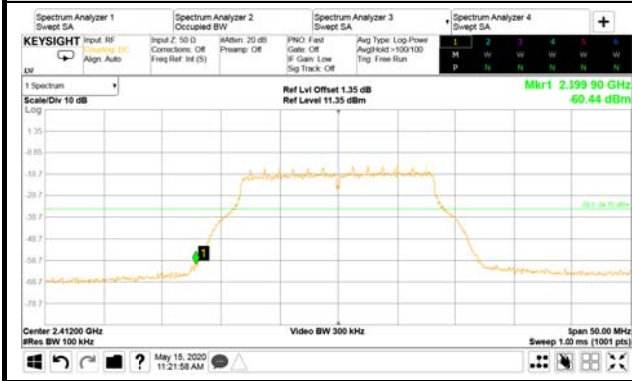
5. 頻帶邊緣之 RF 傳導發射之量測

測試日期	2020/05/12~21	環境溫/濕度	24~25°C/48~53%
測試電壓	(1)WLAN 模式: DC 3.8V (經直流電源供應器供電) (2)BLE 模式:DC 5V(經 USB 電源供電)	電纜損失	1.35dB
		測試人員	Brian Hsieh
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	

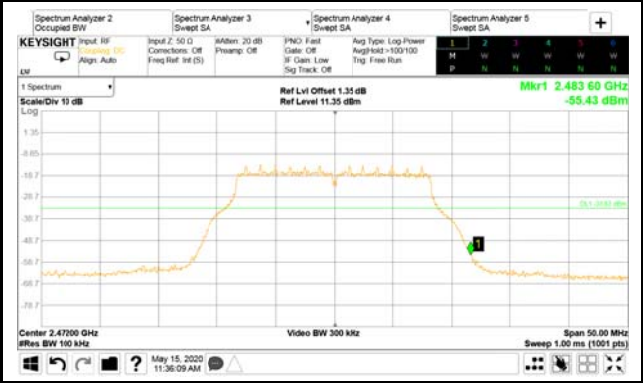
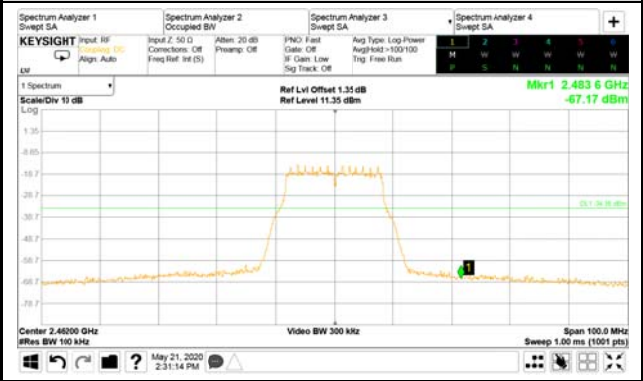


802.11g

下邊緣頻帶

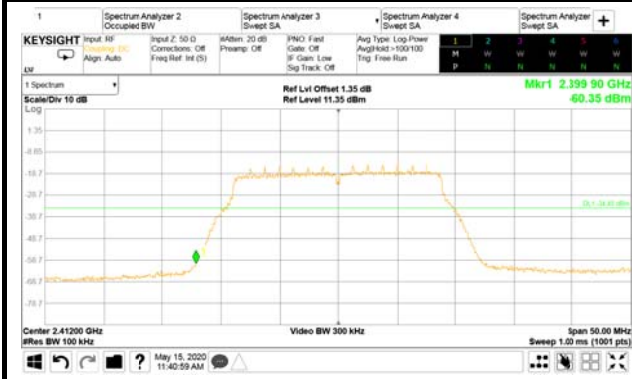


上邊緣頻帶

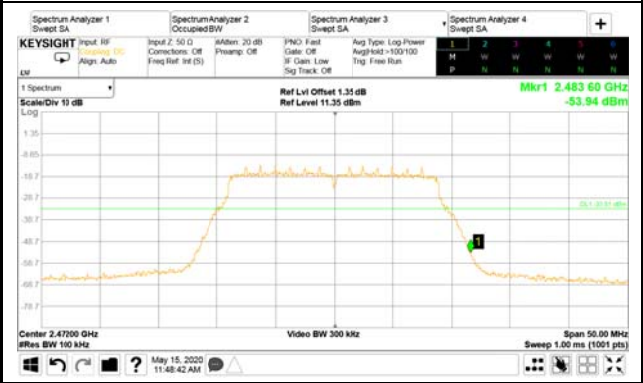
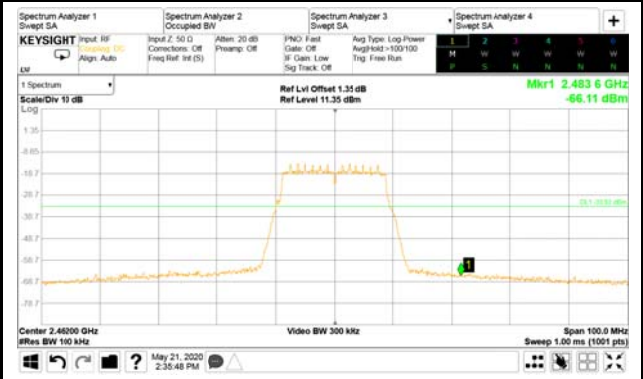


802.11n-HT20

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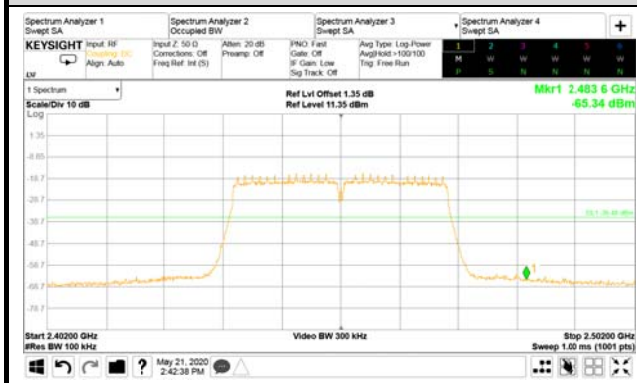


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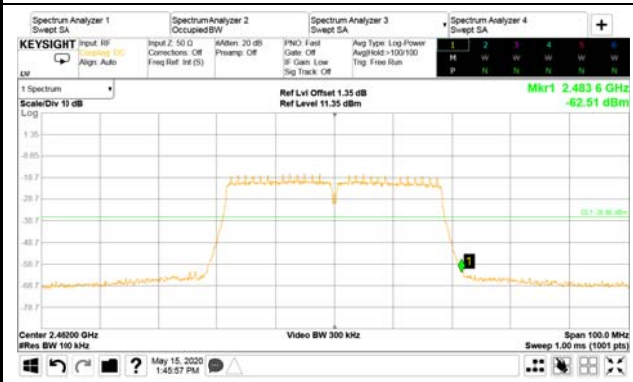
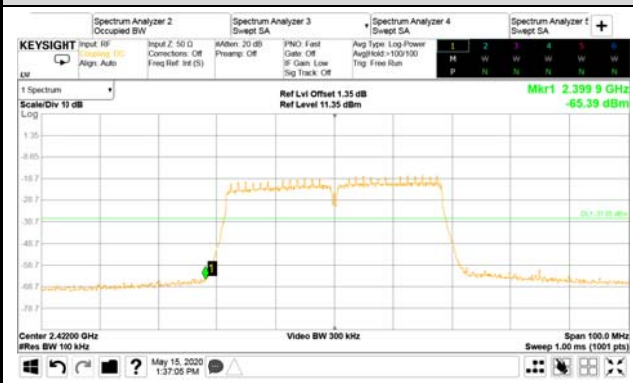


802.11n-HT40

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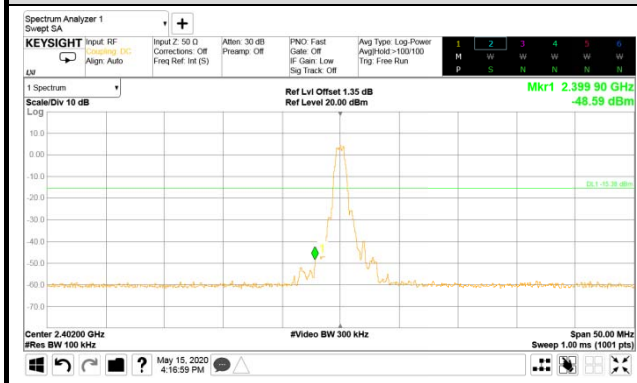


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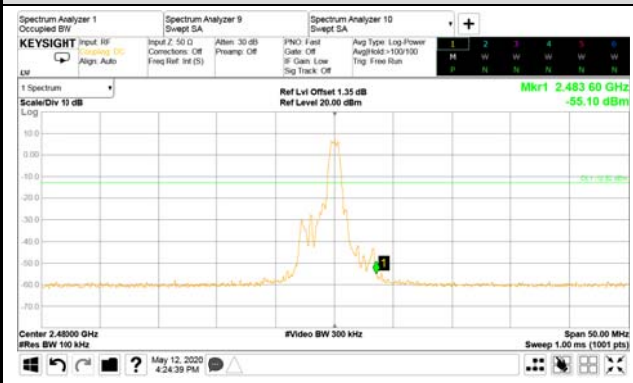


BLE

下邊緣頻帶



上邊緣頻帶

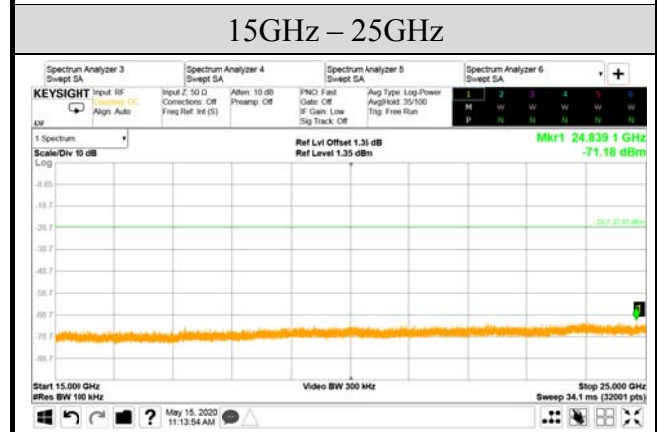
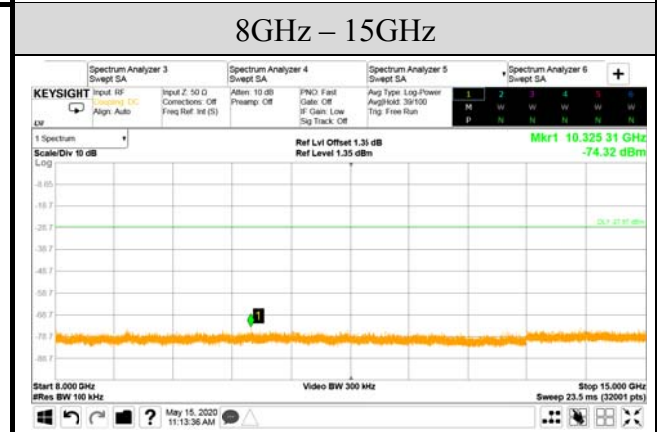
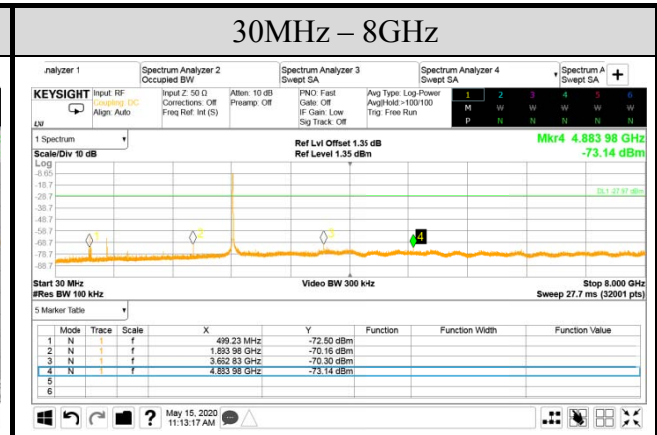
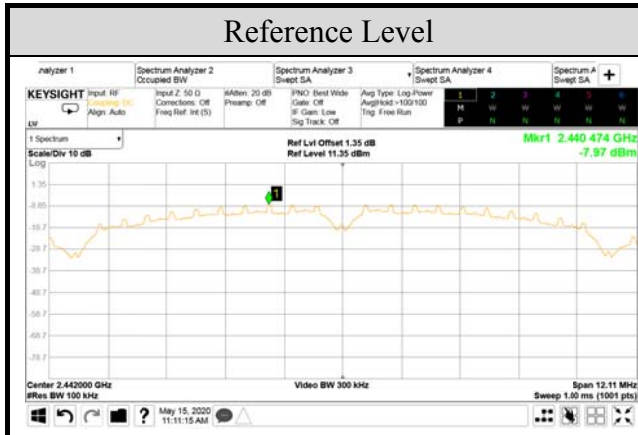


6. 混附發射之 RF 傳導發射之量測

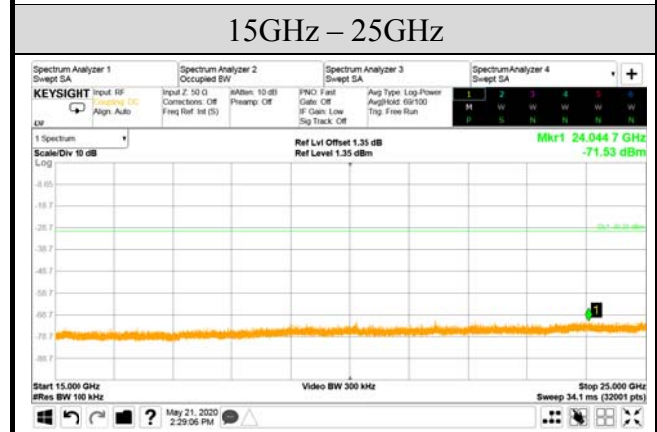
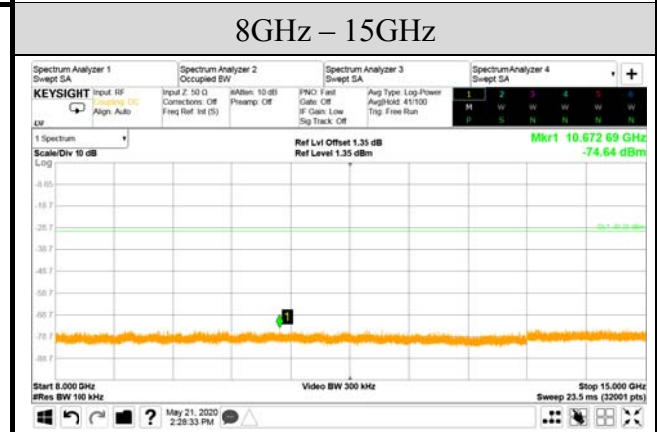
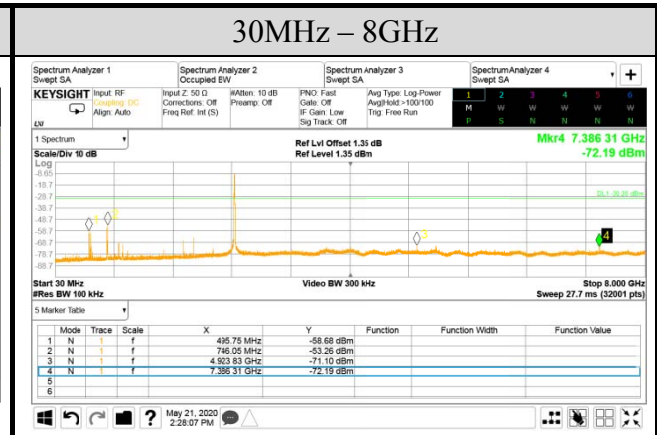
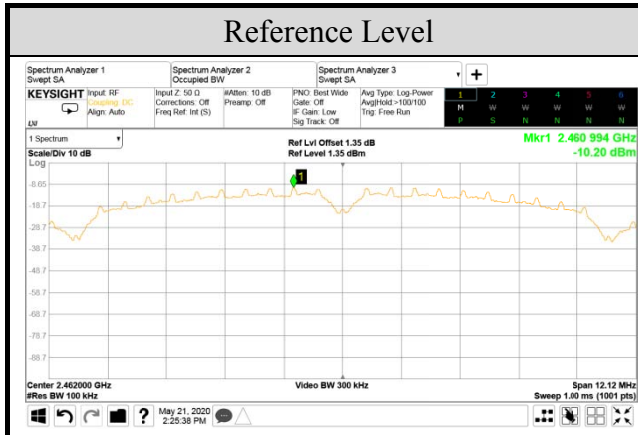
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11b
		測試頻率	2412MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



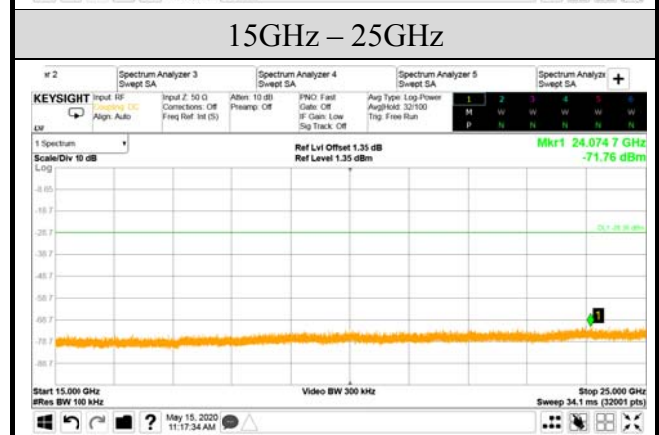
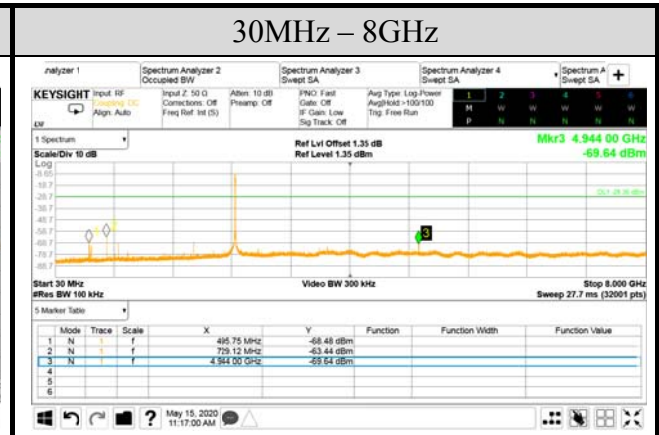
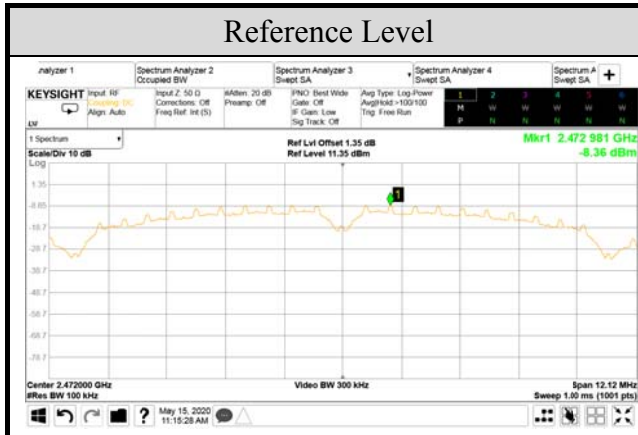
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11b
		測試頻率	2442MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



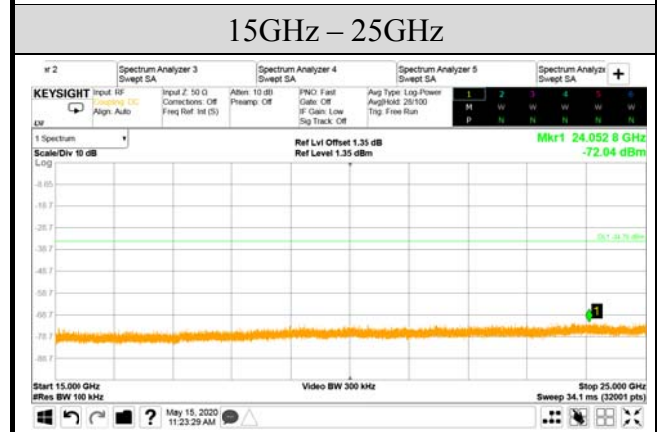
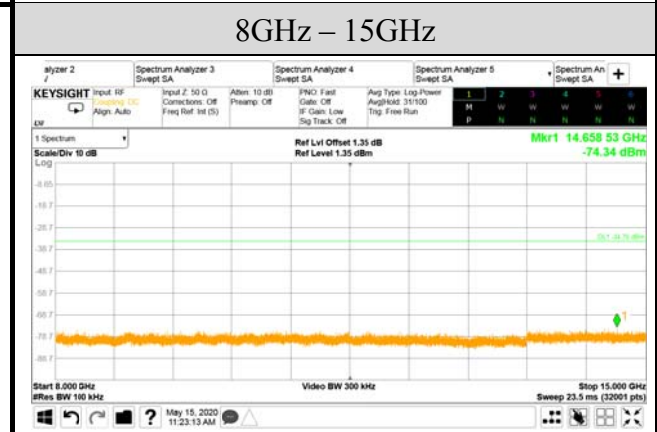
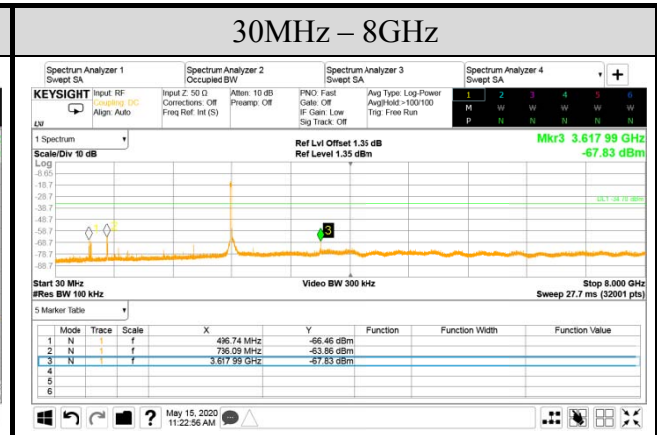
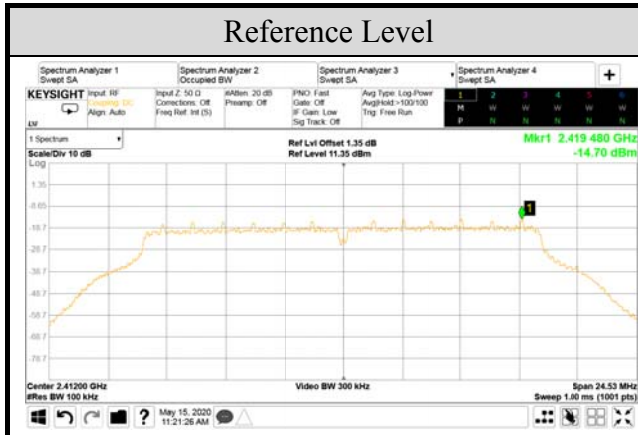
測試日期	2020/05/21	環境溫/濕度	24℃/56%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11b
		測試頻率	2462MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



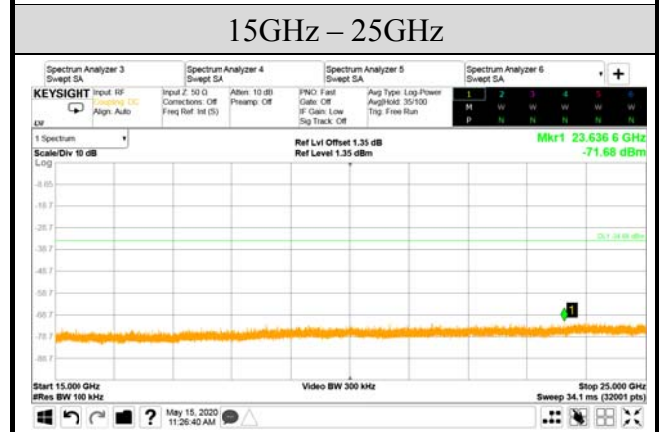
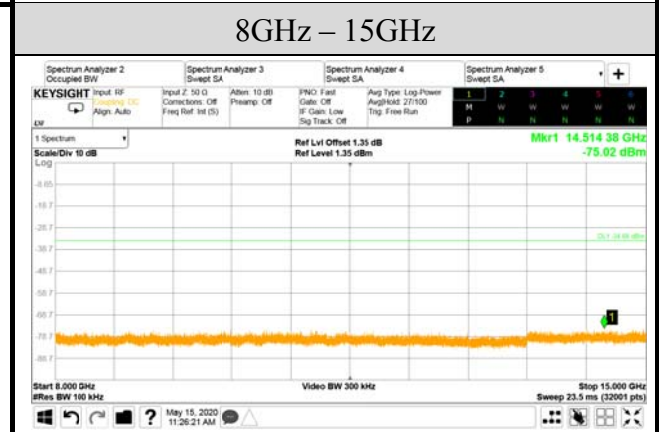
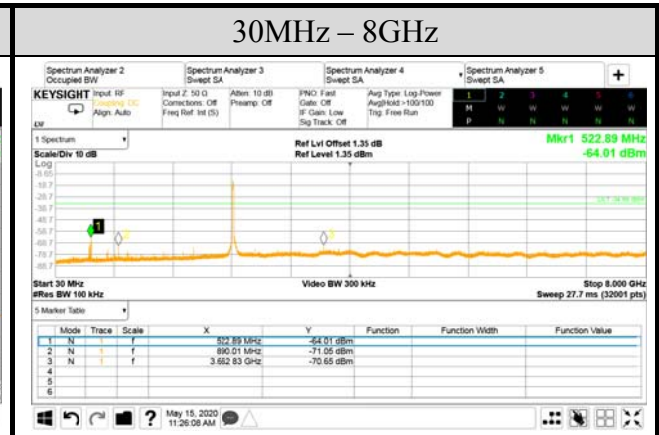
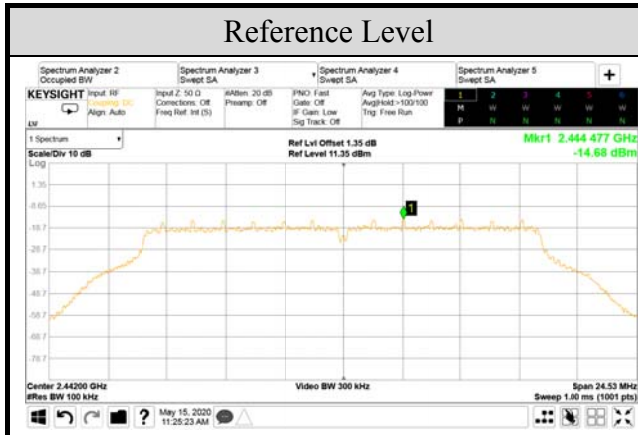
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11b
		測試頻率	2472MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



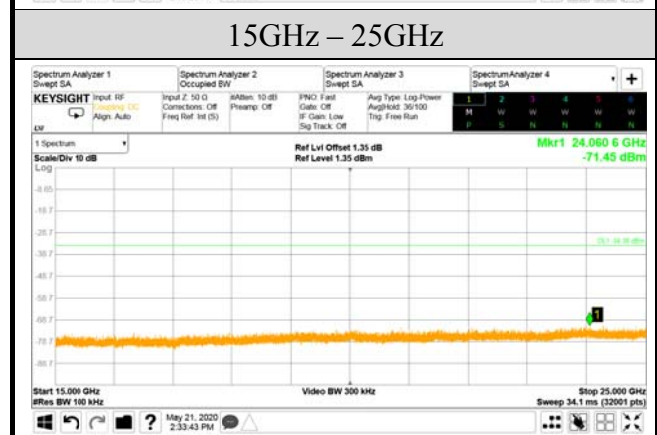
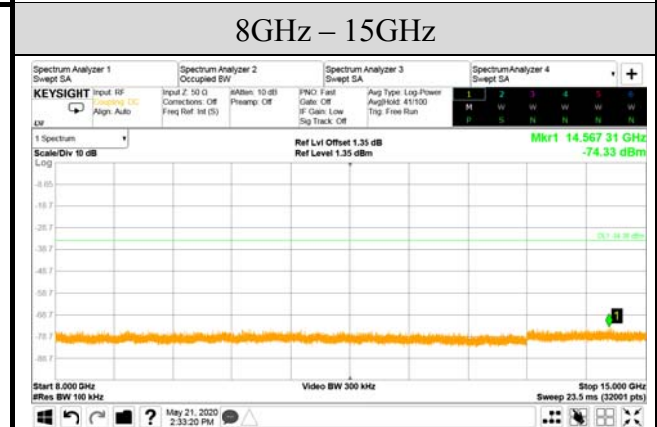
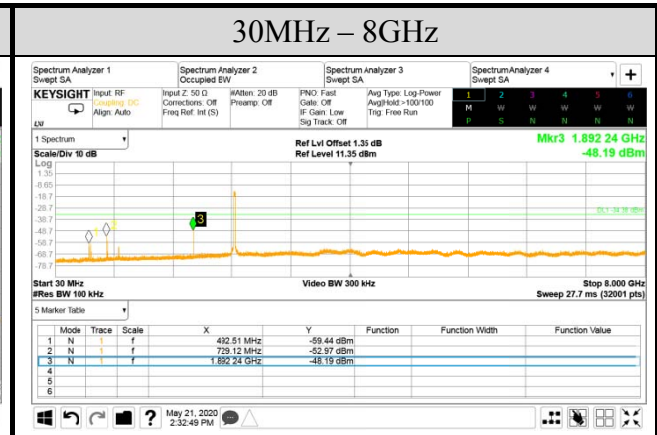
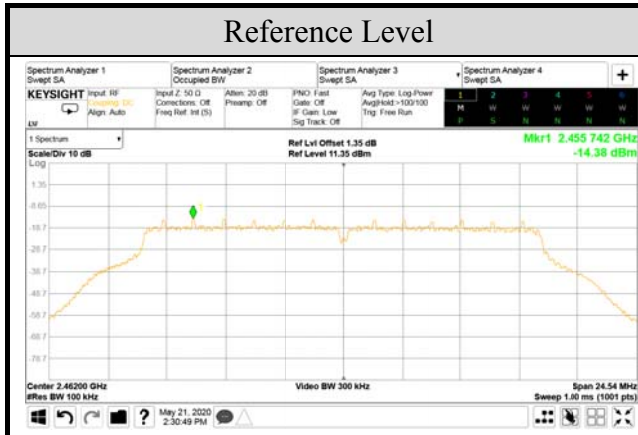
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11g
		測試頻率	2412MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



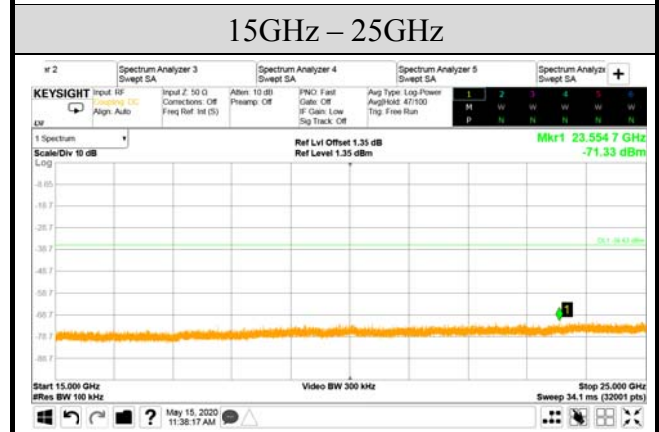
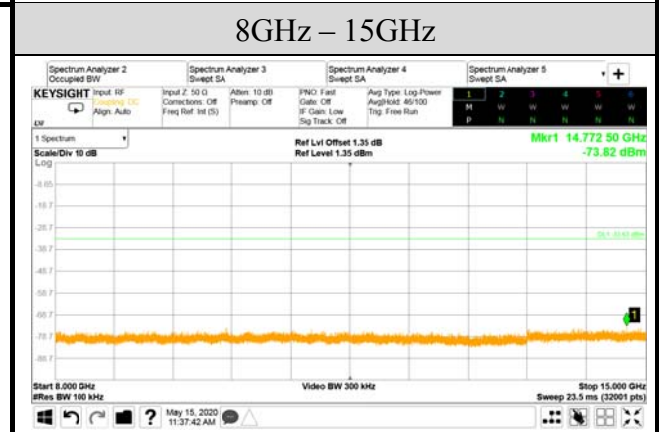
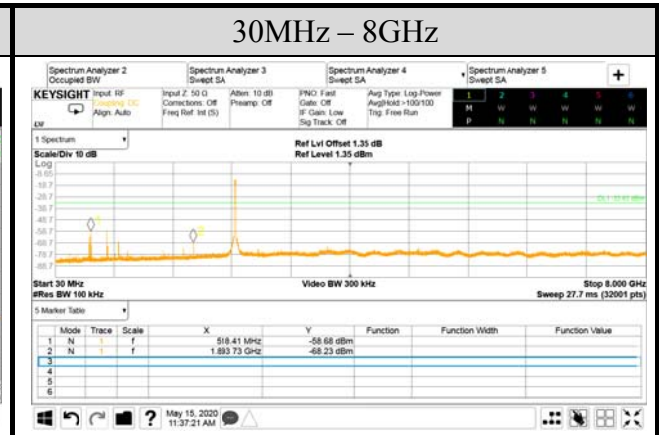
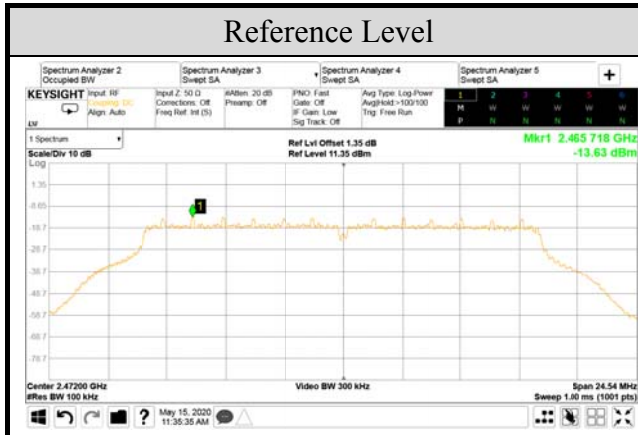
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11g
		測試頻率	2442MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



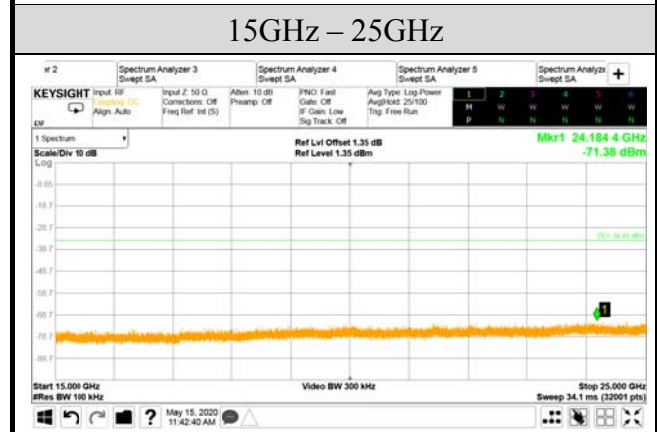
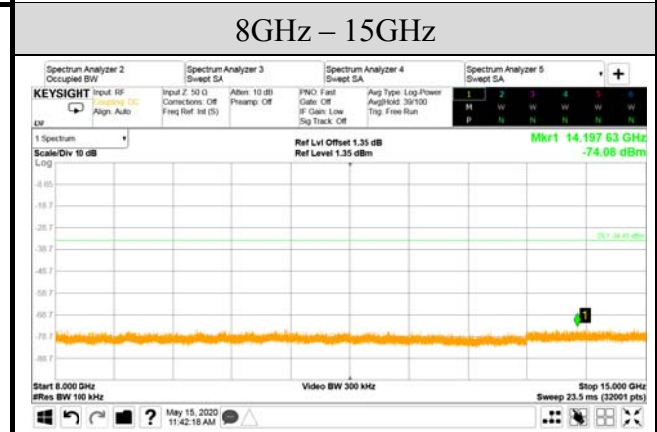
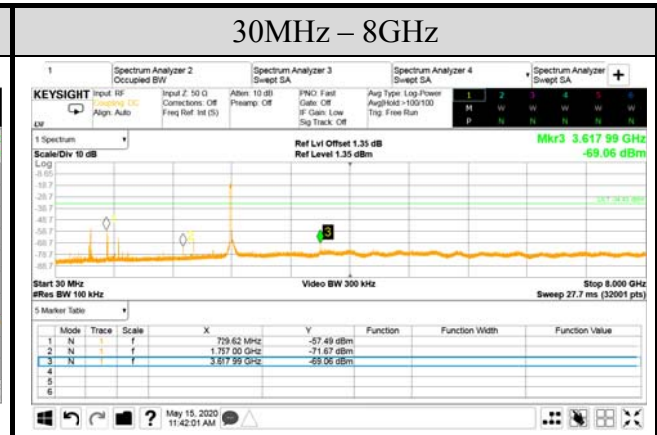
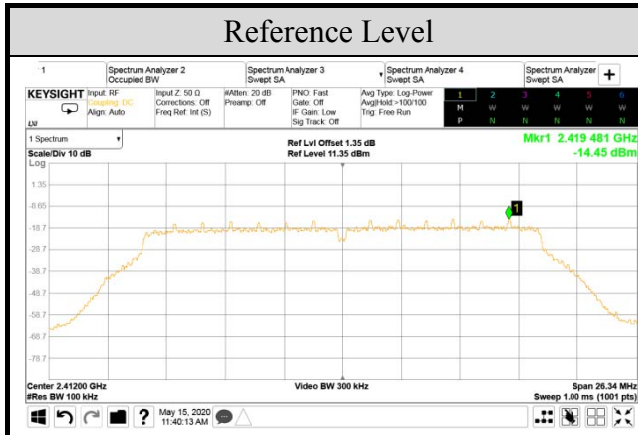
測試日期	2020/05/21	環境溫/濕度	24℃/56%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11g
		測試頻率	2462MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



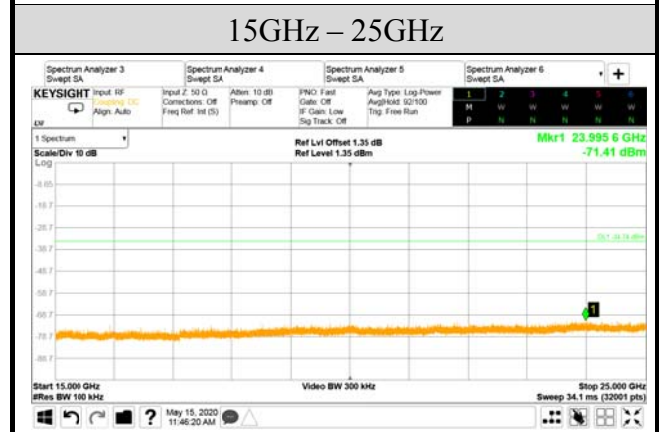
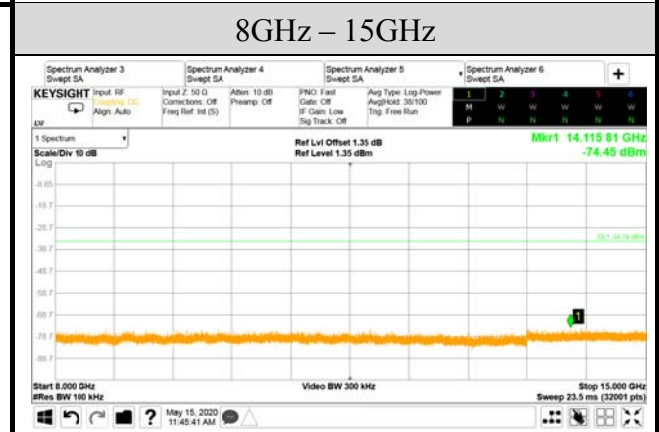
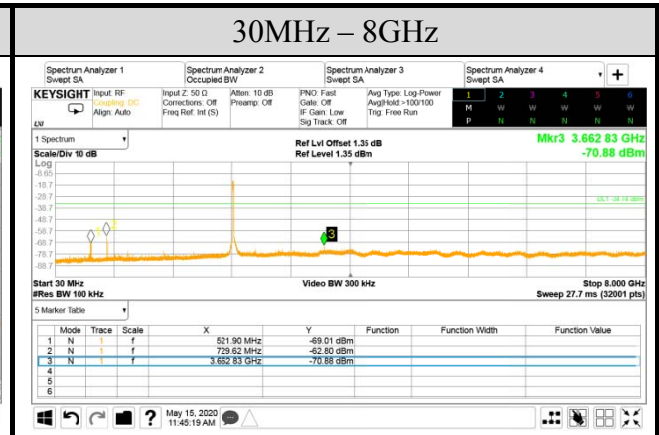
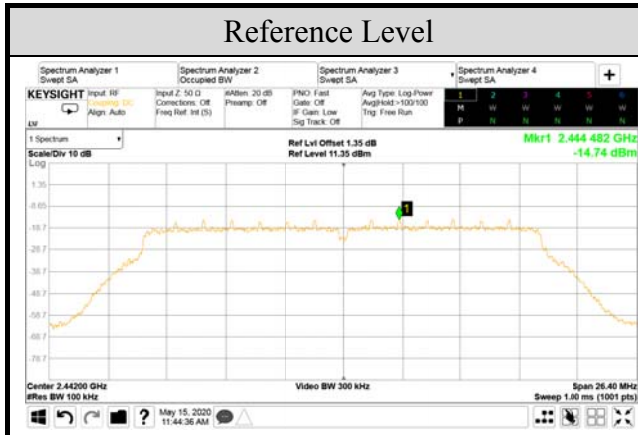
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11g
		測試頻率	2472MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



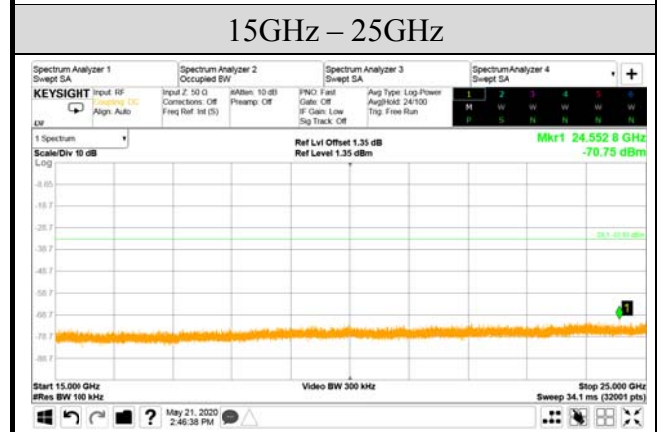
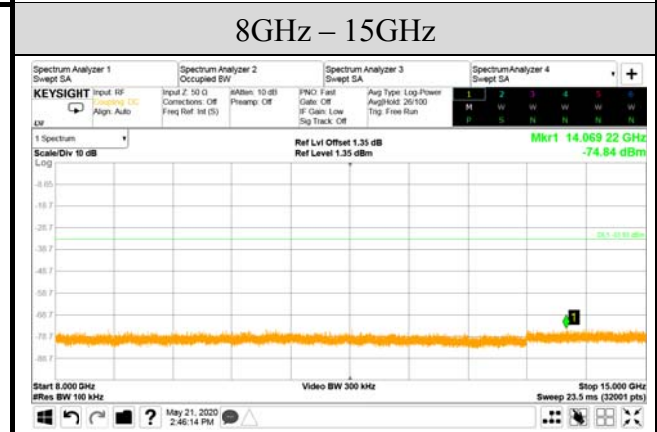
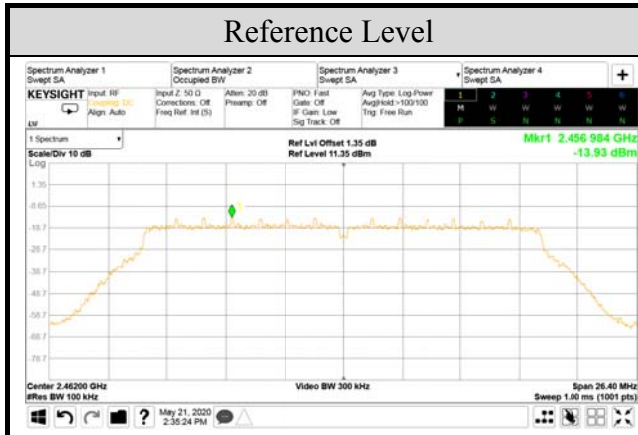
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT20
		測試頻率	2412MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



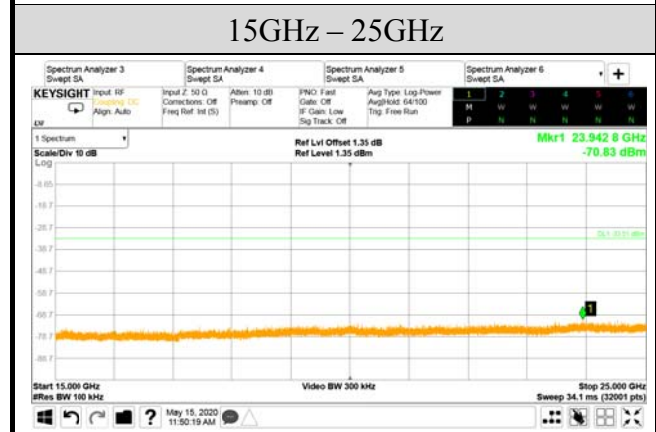
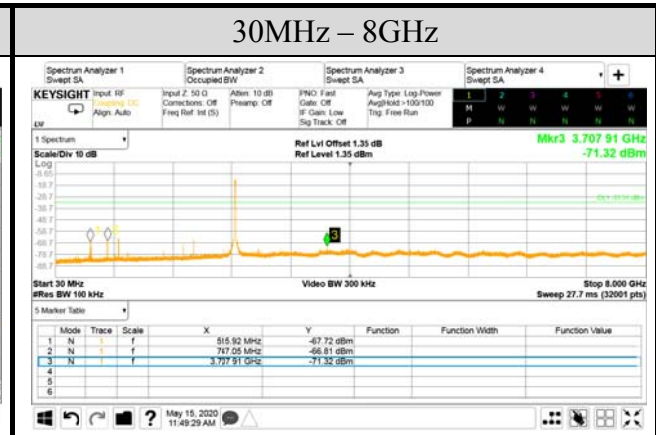
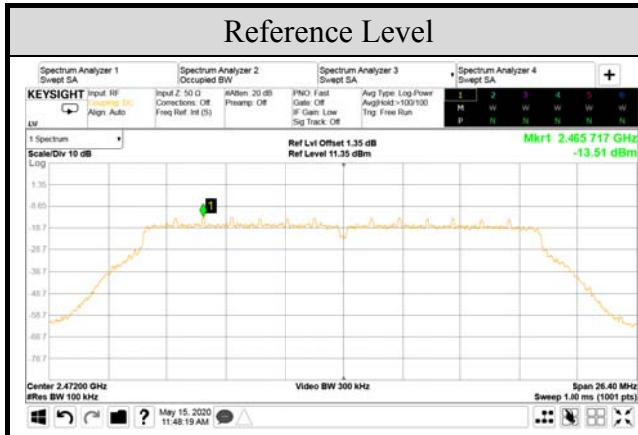
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT20
		測試頻率	2442MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



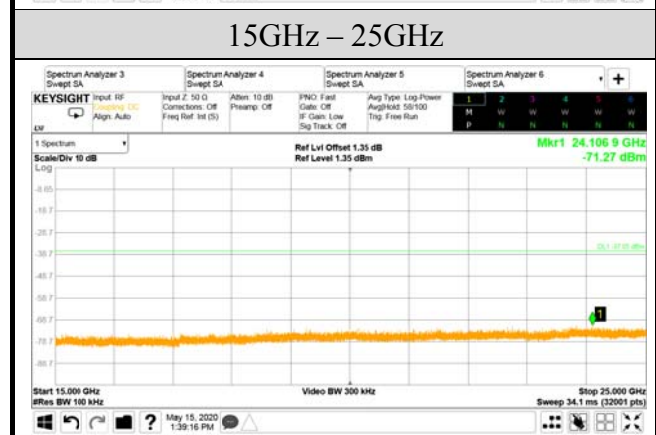
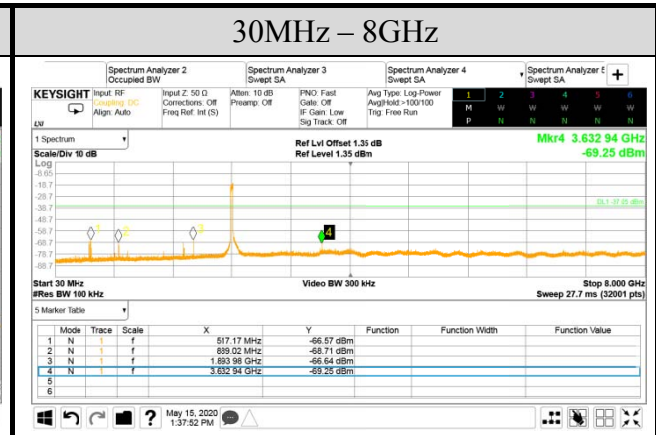
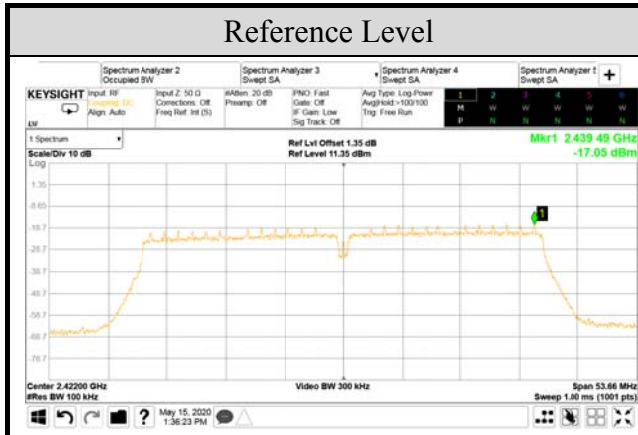
測試日期	2020/05/21	環境溫/濕度	24°C/56%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT20
		測試頻率	2462MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



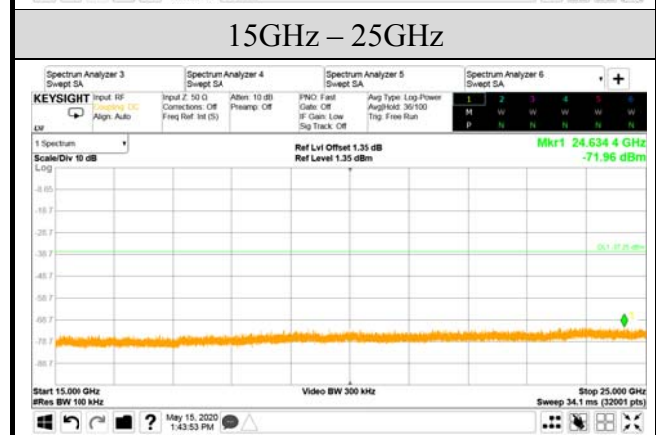
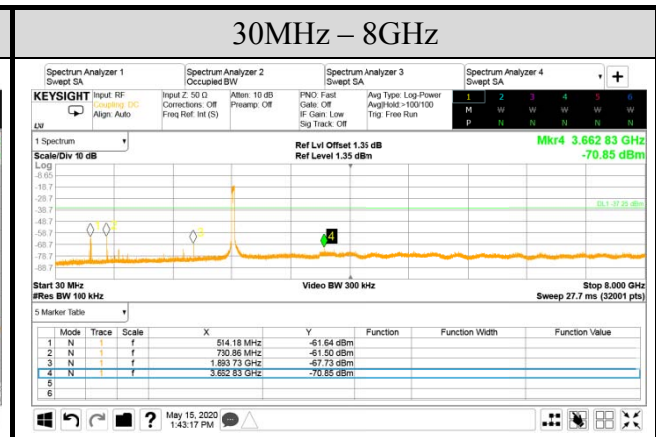
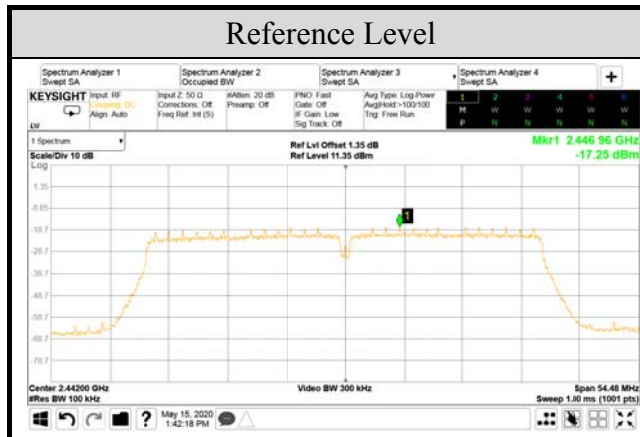
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT20
		測試頻率	2472MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



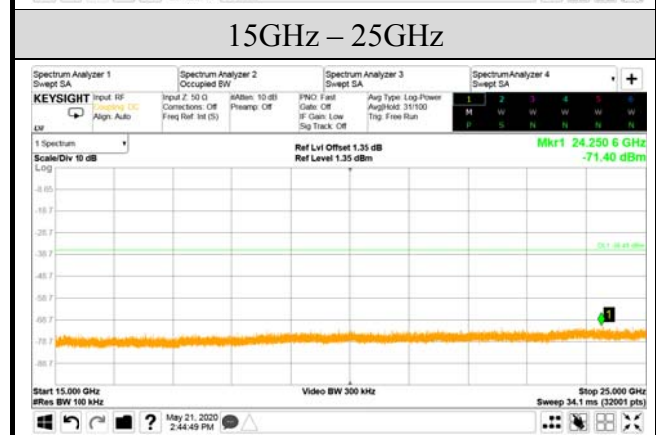
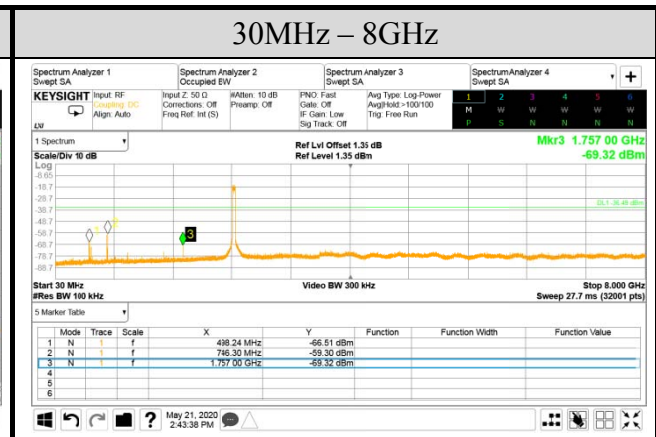
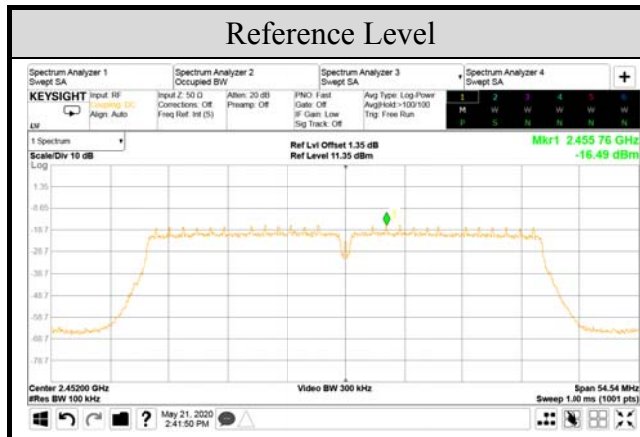
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT40
		測試頻率	2422MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



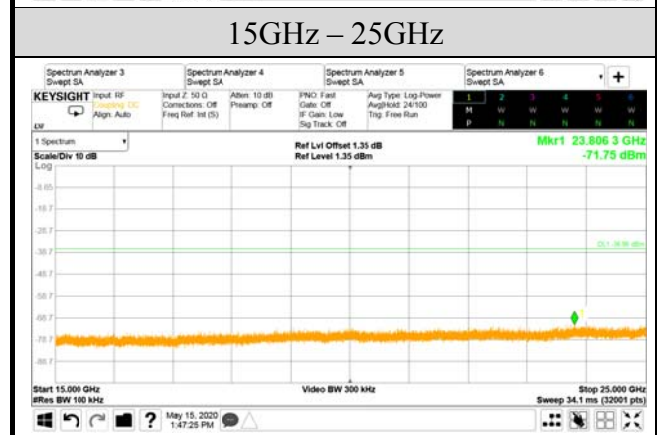
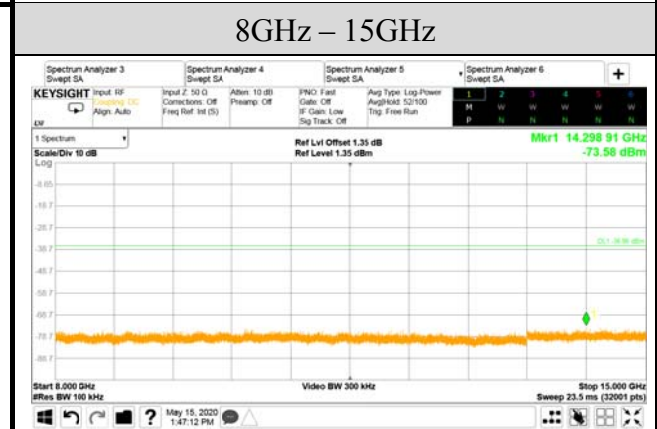
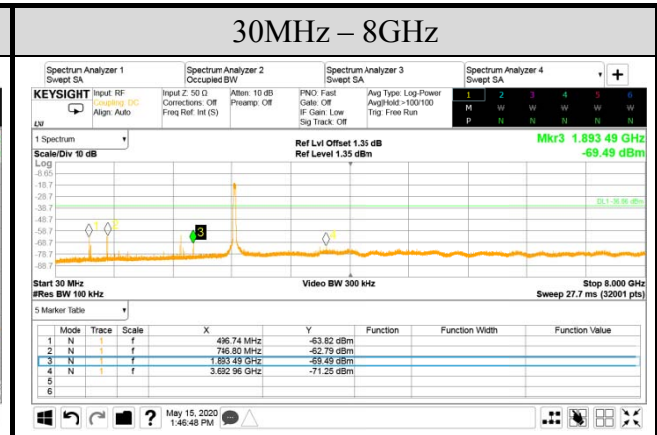
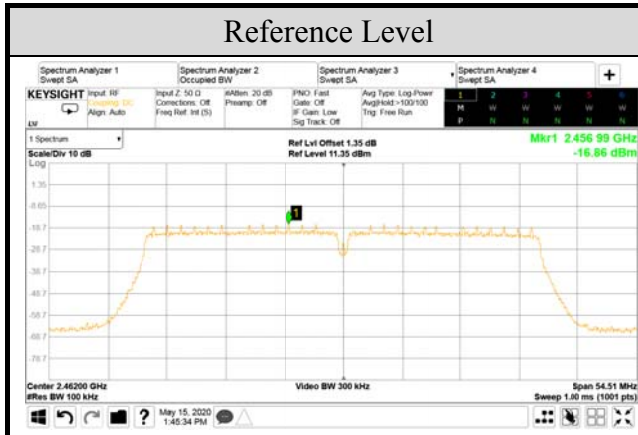
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT40
		測試頻率	2442MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



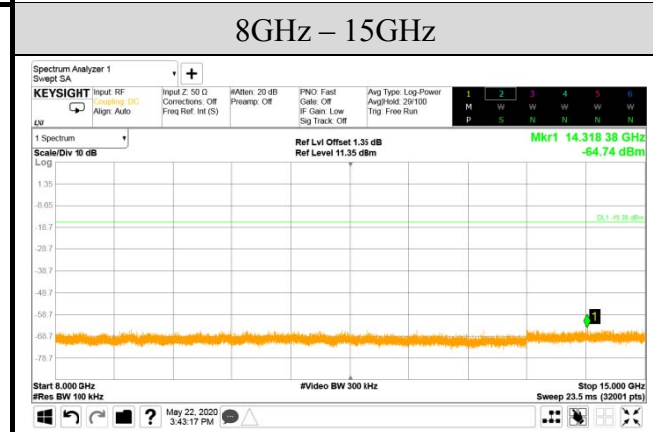
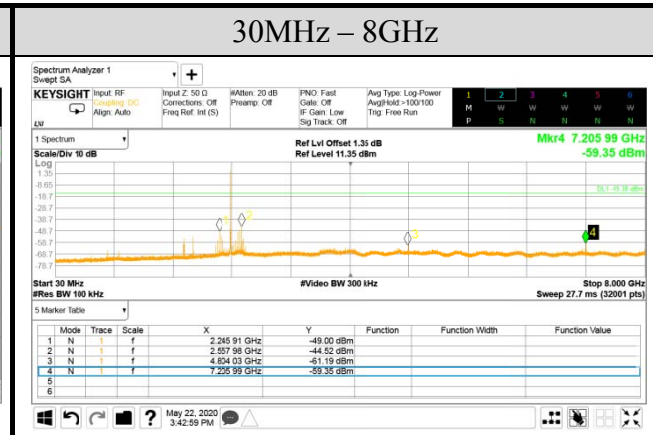
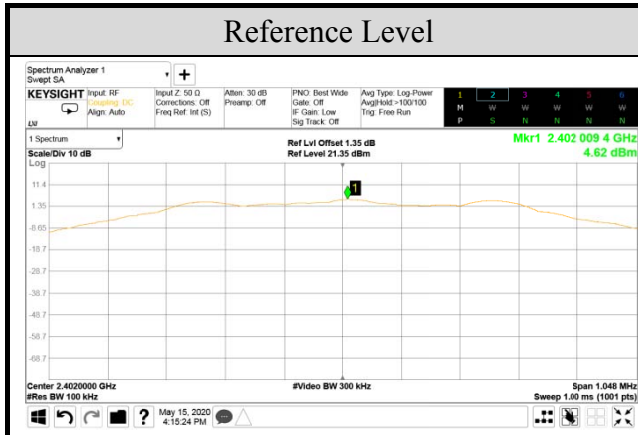
測試日期	2020/05/21	環境溫/濕度	24℃/56%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT40
		測試頻率	2452MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



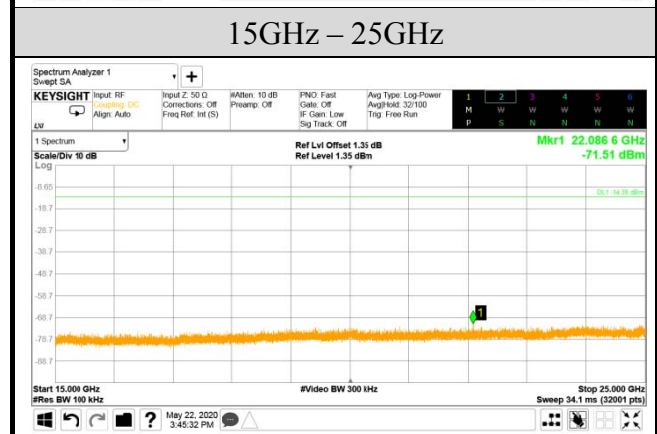
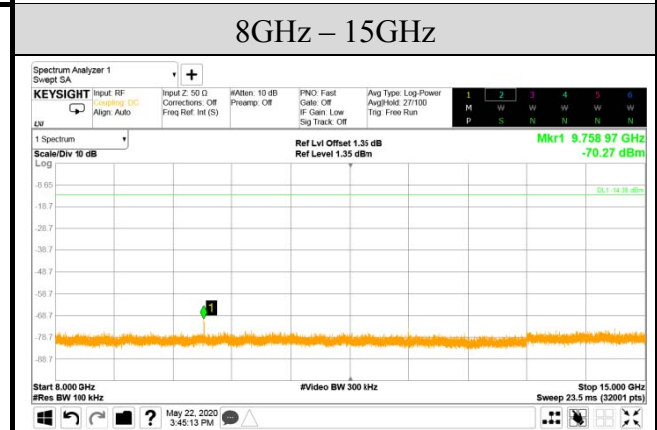
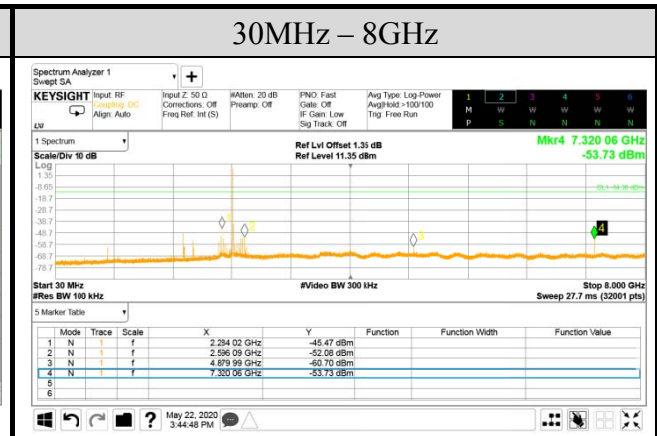
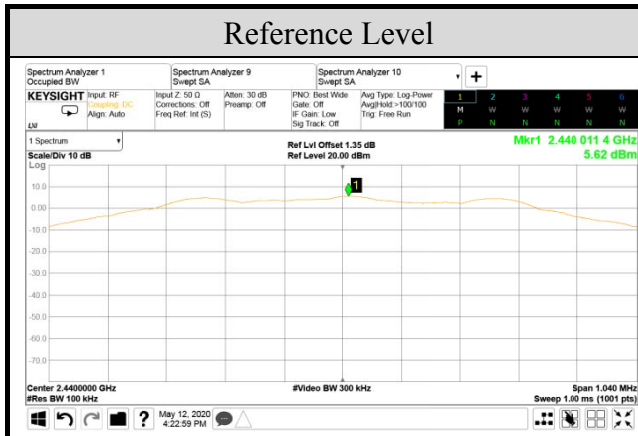
測試日期	2020/05/15	環境溫/濕度	25°C/48%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 3.8V (經直流電源供應器供電)	模式	802.11n-HT40
		測試頻率	2462MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



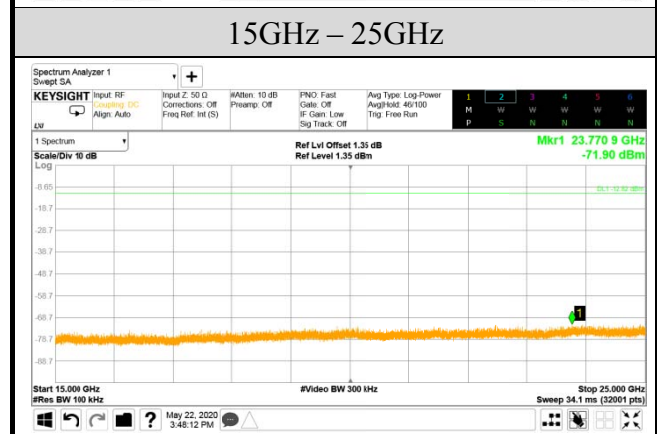
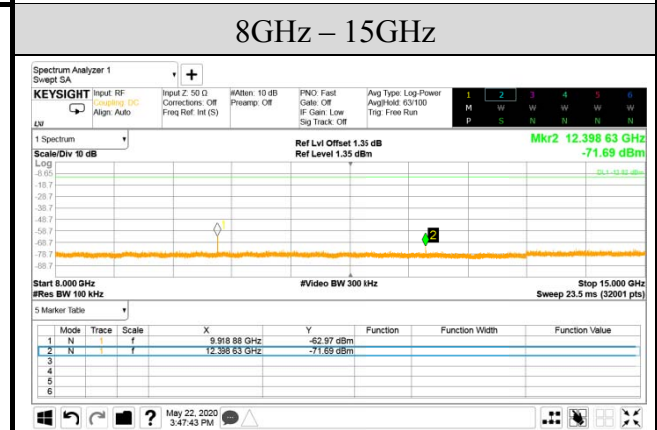
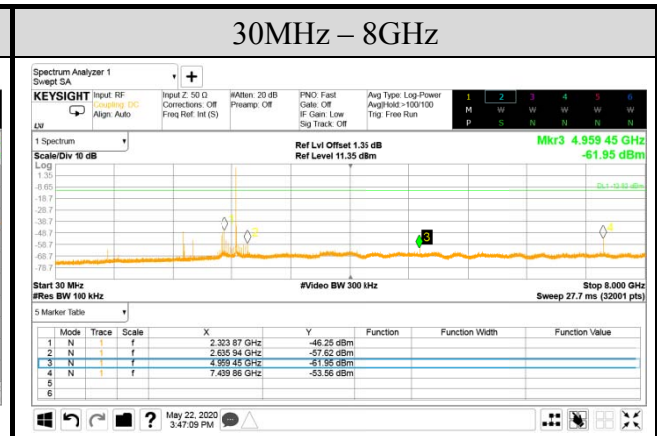
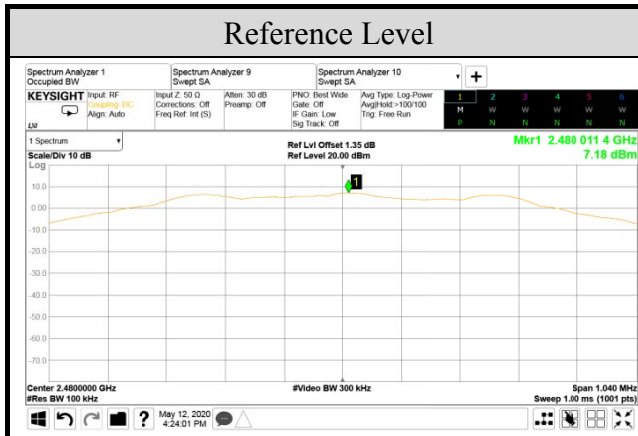
測試日期	2020/05/12~22	環境溫/濕度	23~24℃/53~54%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 5V(經 USB 電源供電)	模式	BLE
		測試頻率	2402MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



測試日期	2020/05/12~22	環境溫/濕度	23~24℃/53~54%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 5V(經 USB 電源供電)	模式	BLE
		測試頻率	2440MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



測試日期	2020/05/12~22	環境溫/濕度	23~24℃/53~54%
電纜損失	1.35dB	測試人員	Brian Hsieh
測試電壓	DC 5V(經 USB 電源供電)	模式	BLE
		測試頻率	2480MHz
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	



7. 功率密度之量測

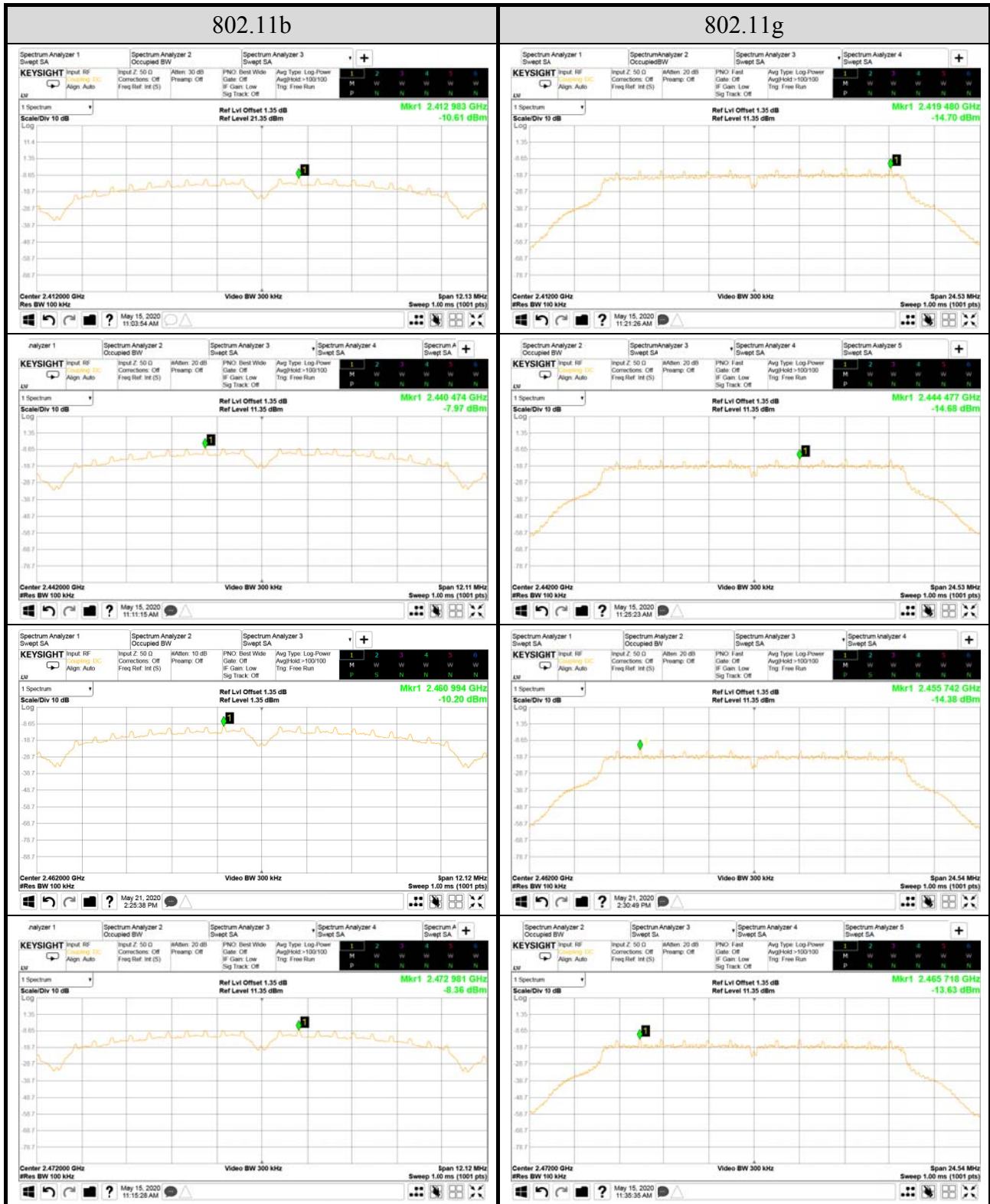
測試日期	2020/05/12~21	環境溫/濕度	24~25℃/48~53%
測試電壓	(1)WLAN 模式: DC 3.8V (經直流電源供應器供電) (2)BLE 模式:DC 5V(經 USB 電源供電)	電纜損失	1.35dB
		測試人員	Brian Hsieh
Simultaneous Factor10 log(n) (Note: “n” is antenna number)		0	

7.1. 功率密度

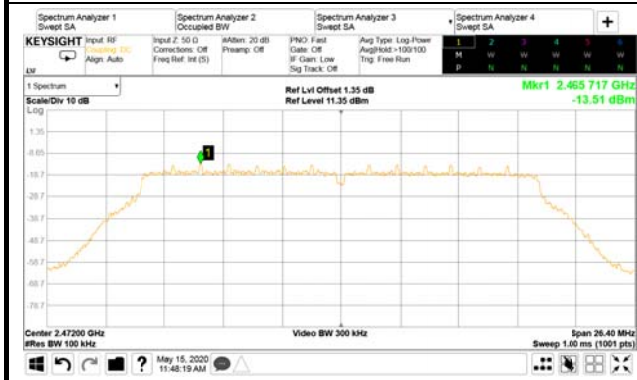
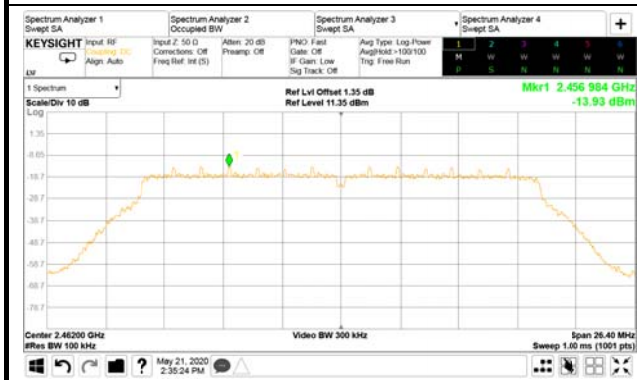
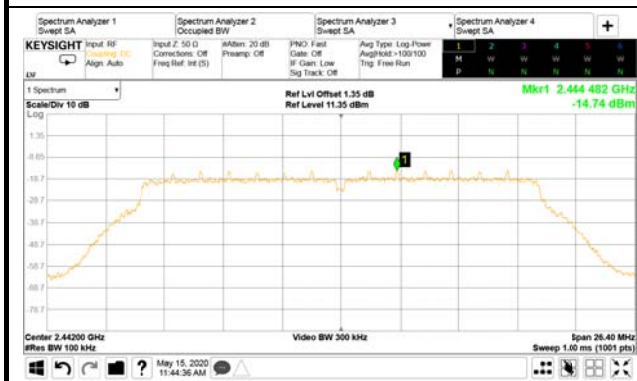
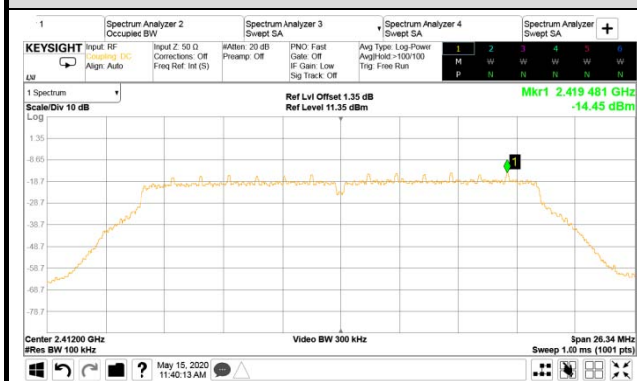
模式	測試頻率 (MHz)	功率密度 (dBm)	限制值 (dBm)
802.11b	2412	-10.61	<8dBm/3kHz
	2442	-7.97	
	2462	-10.20	
	2472	-8.36	
802.11g	2412	-14.70	
	2442	-14.68	
	2462	-14.38	
	2472	-13.63	
802.11n-HT20	2412	-14.45	
	2442	-14.74	
	2462	-13.93	
	2472	-13.51	
802.11n-HT40	2422	-17.05	
	2442	-17.25	
	2452	-16.49	
	2462	-16.86	
BLE	2402	4.62	
	2440	5.62	
	2480	7.18	

BLE 模式測試結果係依照 FCC 公告之 KDB558074 D01 v05r02，且解析頻寬以 100kHz 量測其測試結果較 3kHz 嚴格

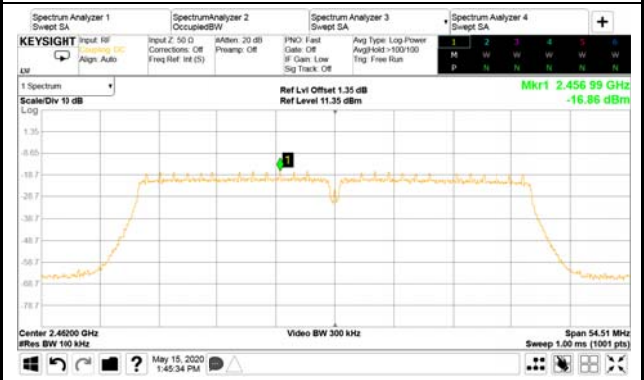
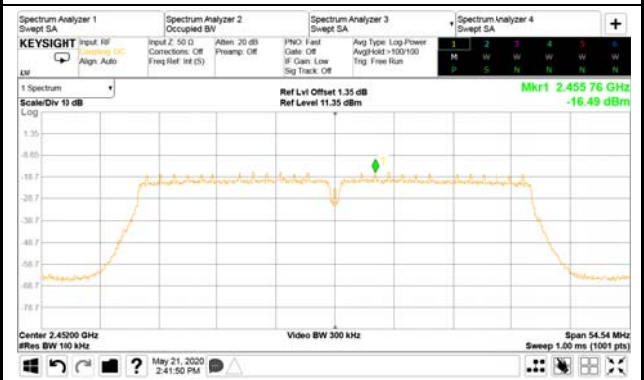
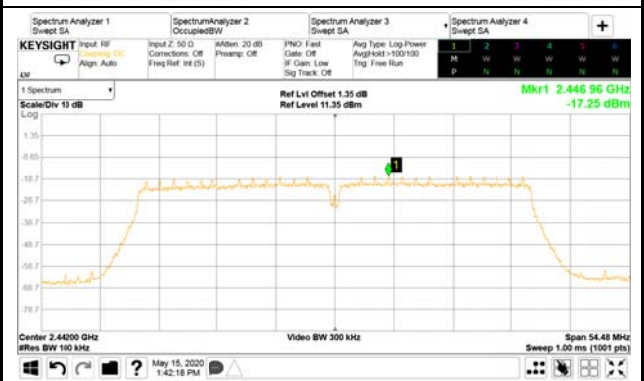
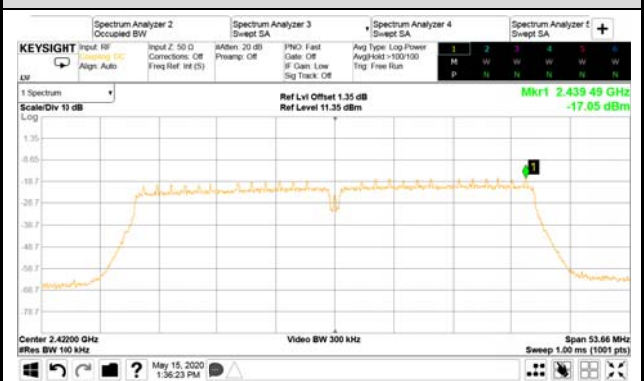
7.2. 功率密度之量測圖

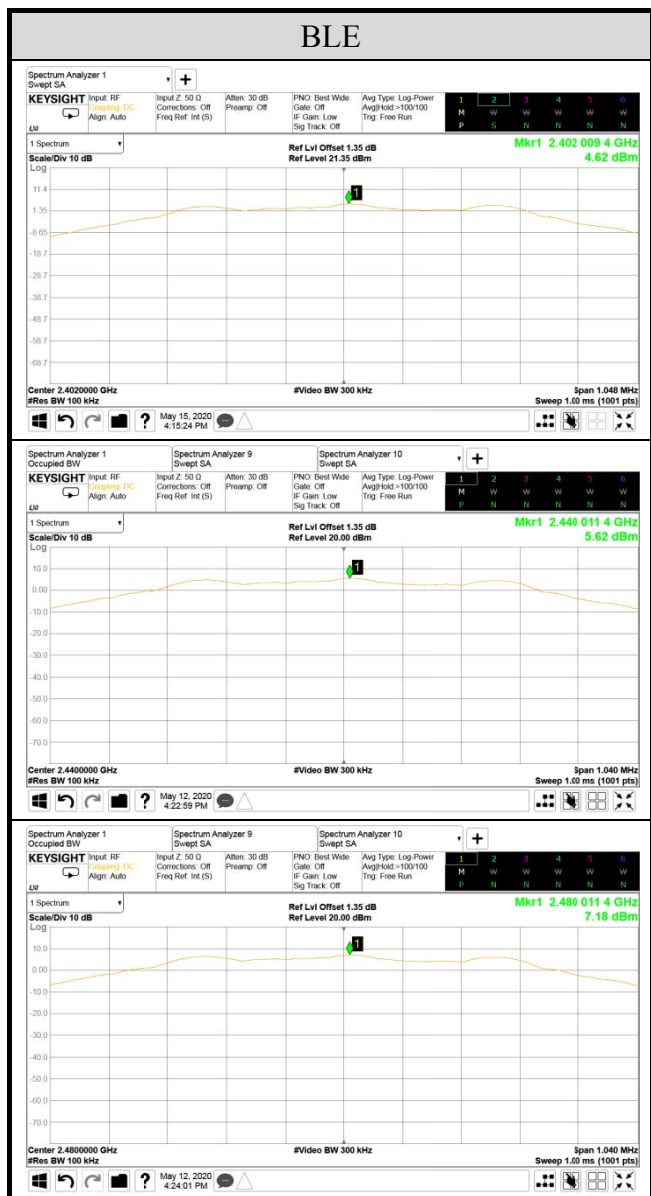


802.11n-HT20



802.11n-HT40





8. 電波暴露量之量測

測試日期	2020/05/12~21	環境溫/濕度	24~25°C/48~53%
測試電壓	(1)WLAN 模式: DC 3.8V (經直流電源供應器供電) (2)BLE/BT 模式:DC 5V(經 USB 電源供電)	電纜損失	1.35dB
		測試人員	Brian Hsieh

● WLAN 2.4G 模式

距離人體(r):	20	cm		
最大發射功率(P):	10.33	dBm	=	10.789 mW
最大天線增益(G):	-12.963	dB	=	0.051 Numerical
MPE (S) = (P*G) / (4*π*r ²) =	0.0001 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。				
2. 電磁波曝露量MPE標準值1mW/cm ² ，送測產品實測值為：0.0001 mW/cm ²				

● WLAN 5G 模式

距離人體(r):	20	cm		
最大發射功率(P):	-0.26	dBm	=	0.942 mW
最大天線增益(G):	3.721	dBi	=	2.356 Numerical
MPE (S) = (P*G) / (4*π*r ²) =	0.0004 mW/cm ²			
註：1. 最大發射功率系指5GHz各模式/頻道中最大之發射功率。				
2. 電磁波曝露量MPE標準值1mW/cm ² ，送測產品實測值為：0.0004 mW/cm ²				

● BT 模式

距離人體(r):	20	cm		
最大發射功率(P):	15.45	dBm	=	35.075 mW
最大天線增益(G):	0.30	dBi	=	1.072 Numerical
MPE (S) = (P*G) / (4* π *r ²) =	0.0075 mW/cm ²			
註：1. 最大發射功率系指BT & BLE頻道中最大之發射功率。				
2. 電磁波曝露量MPE標準值1mW/cm ² ，送測產品實測值為：0.0075 mW/cm ²				

- 同時發射模式：該產品 WLAN 與 BT 為個別切換使用，故無同時發射加總。