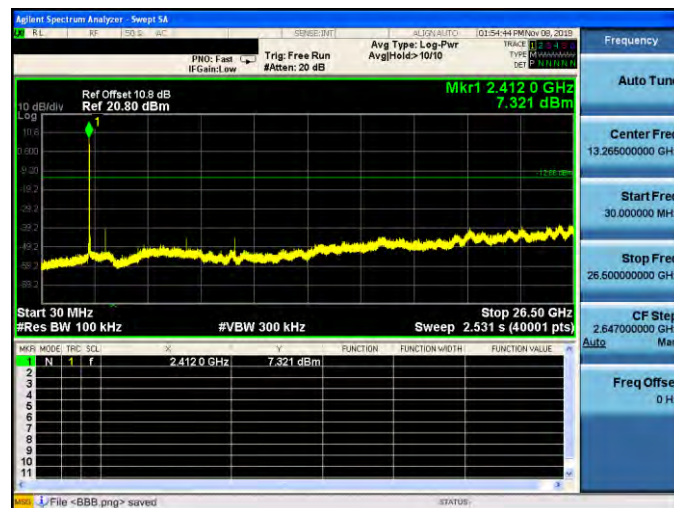


Power setting 1_Antenna Type: PCB Trace Antenna

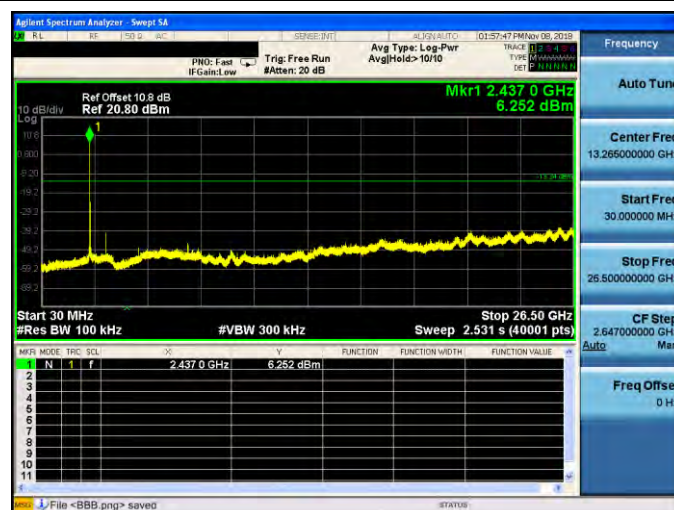
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX mode

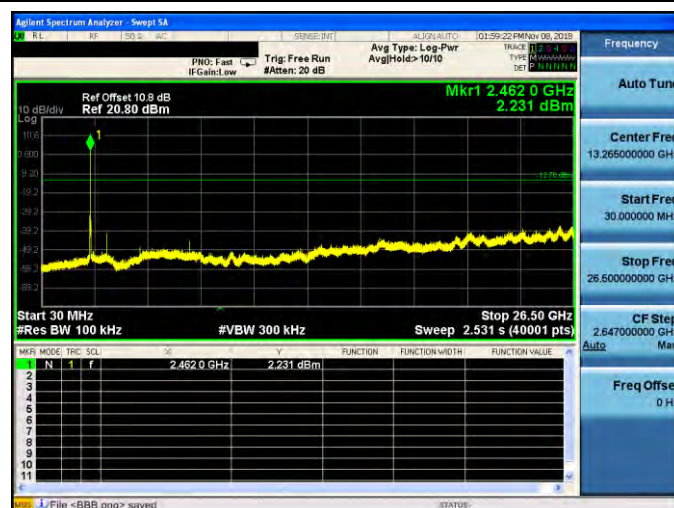
2412 MHz

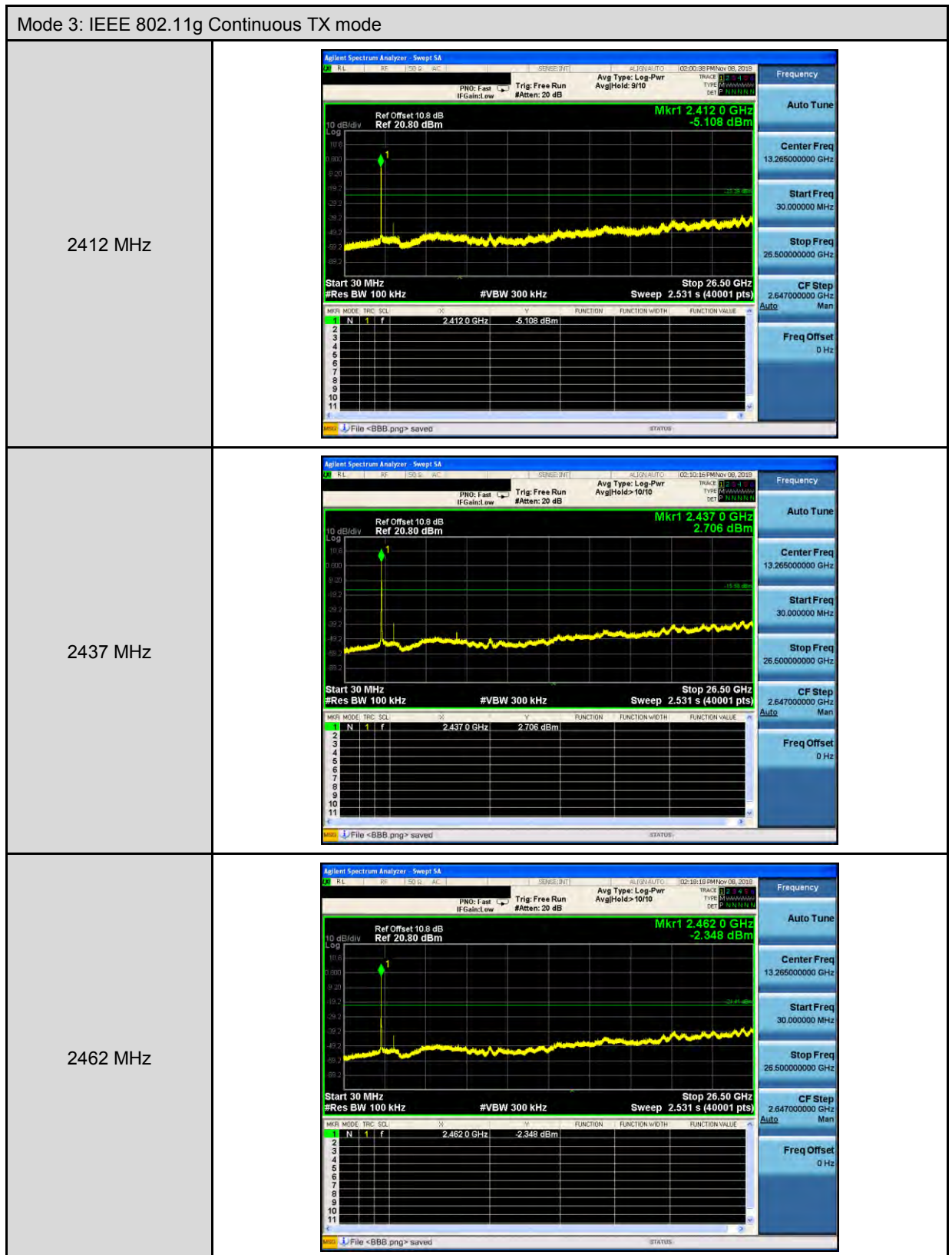


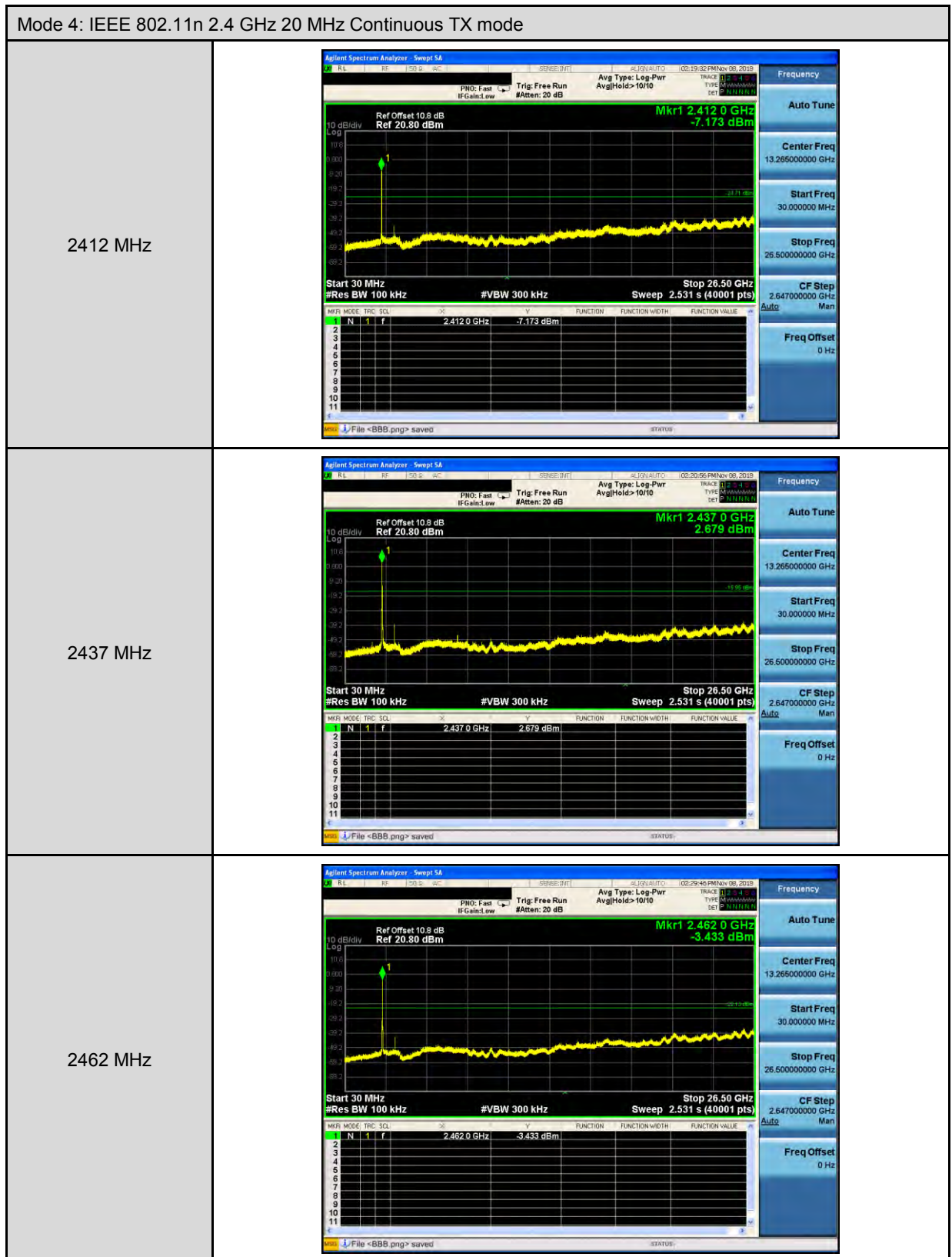
2437 MHz

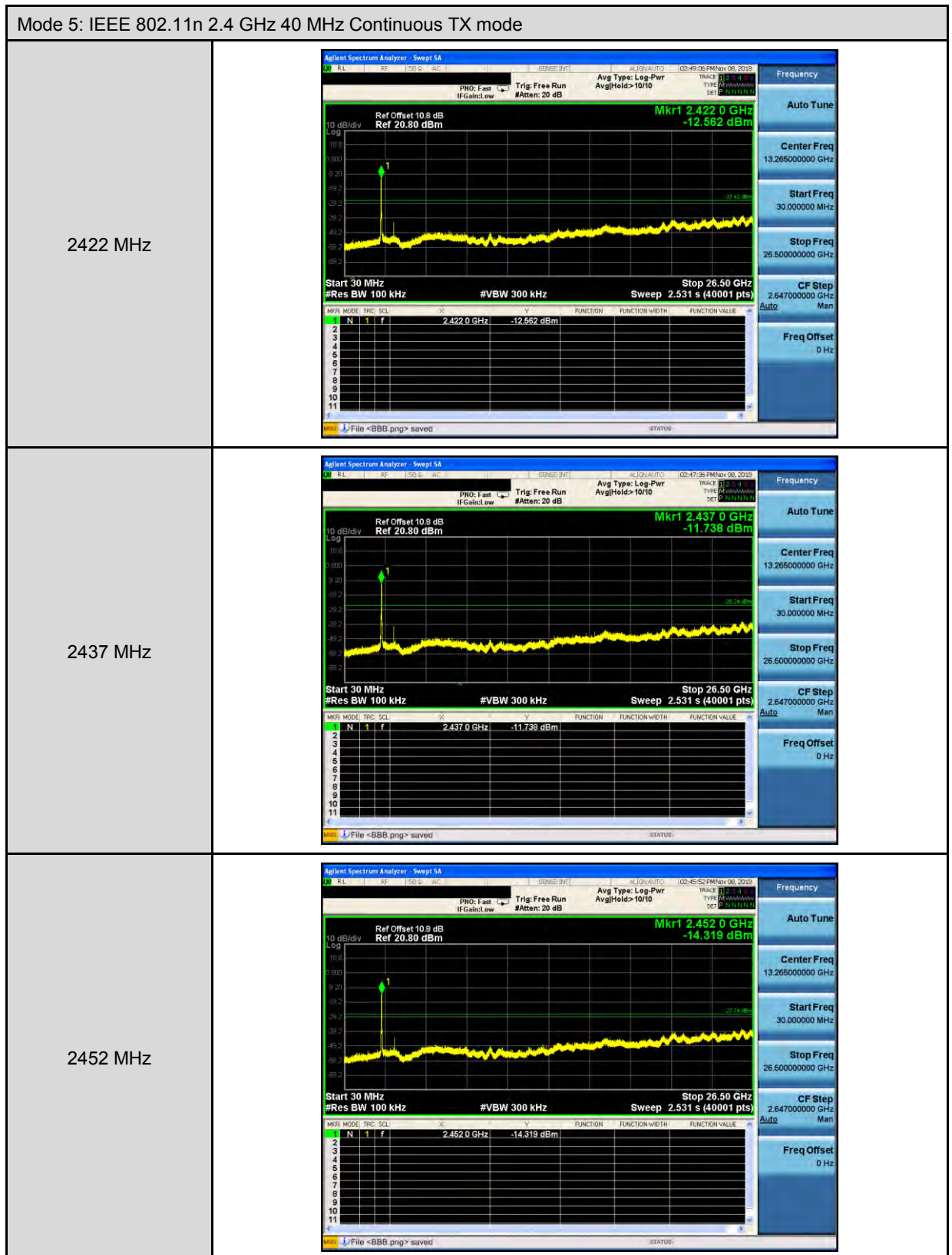


2462 MHz

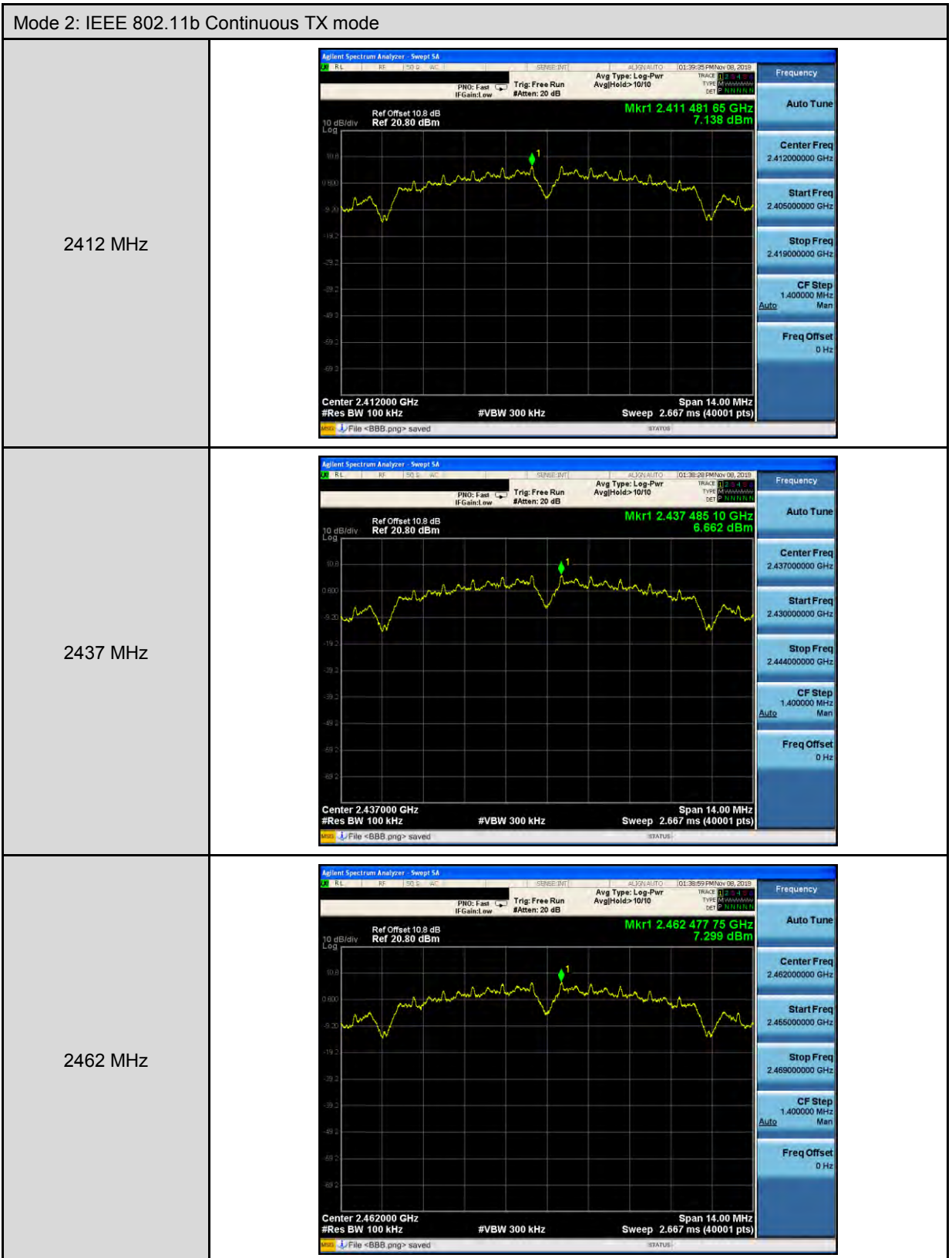


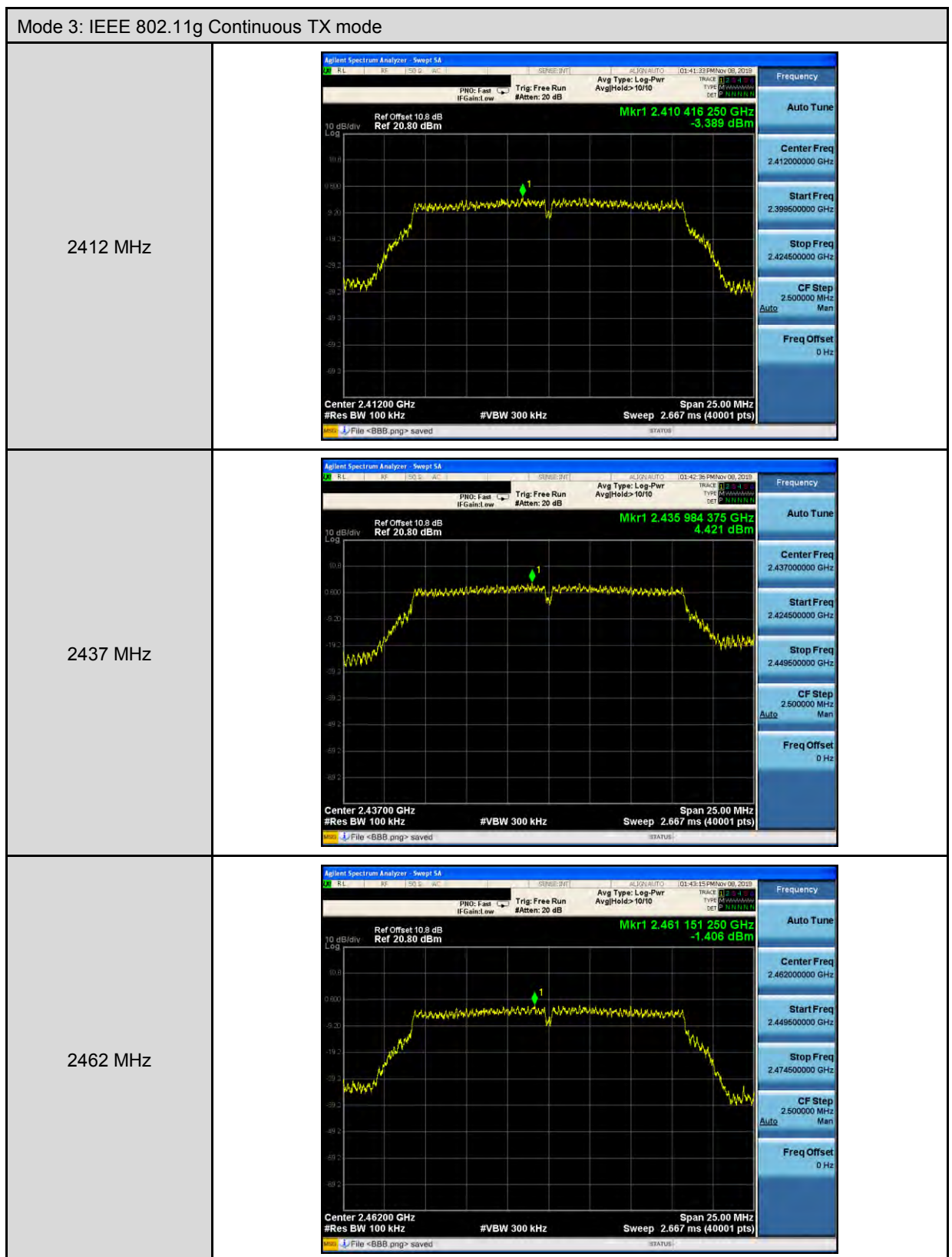


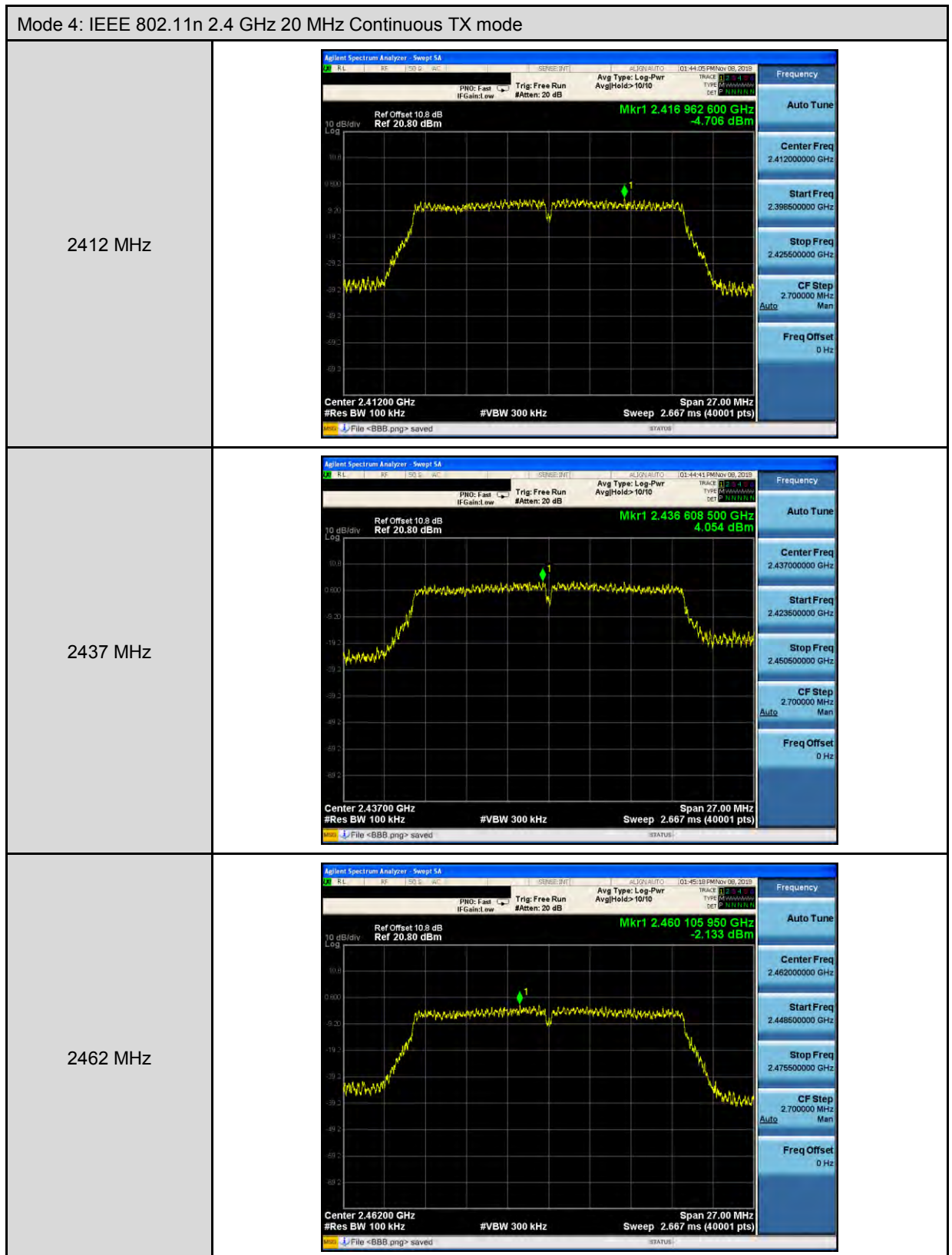


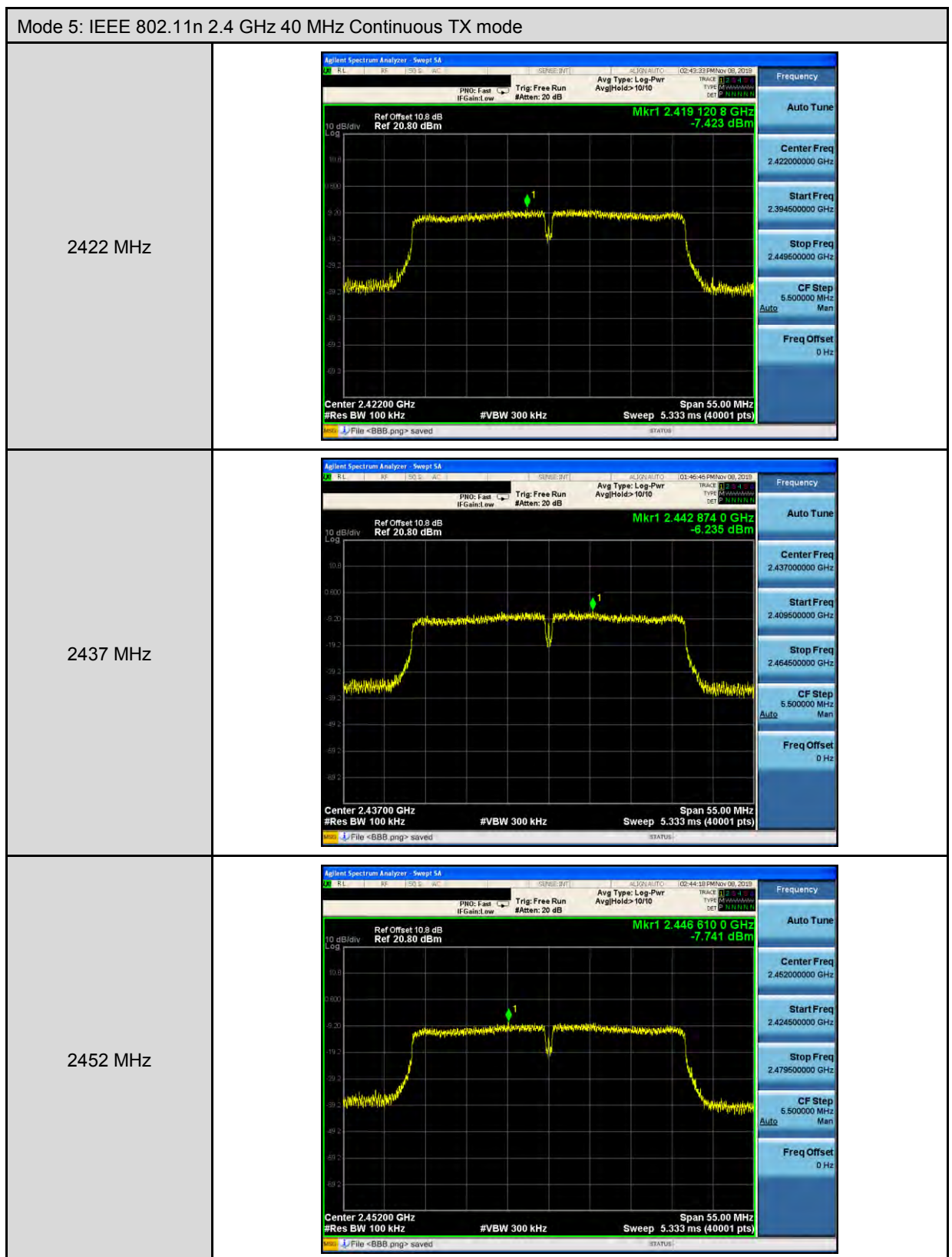


Reference level





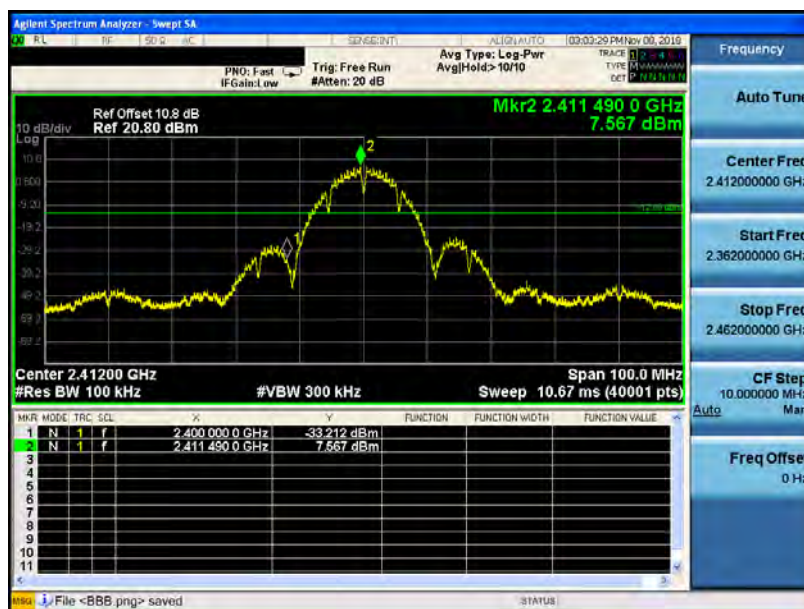




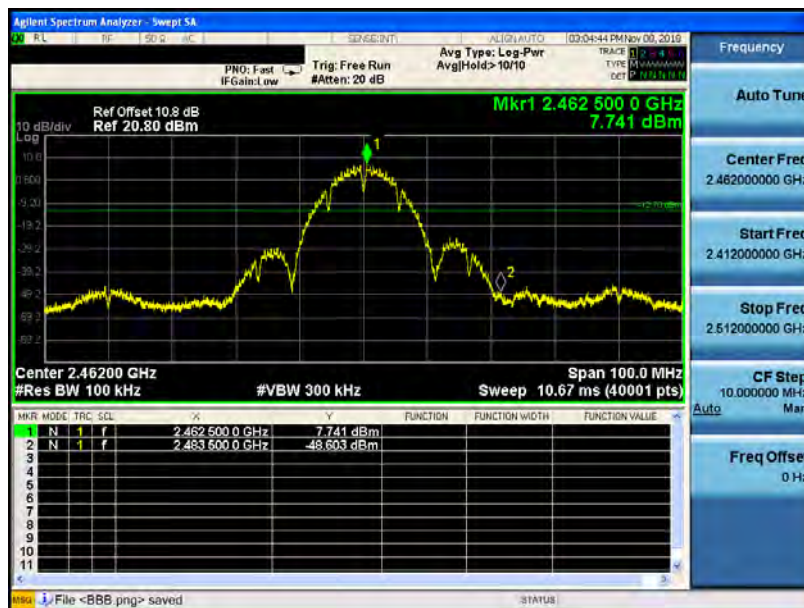
Conducted Band Edge

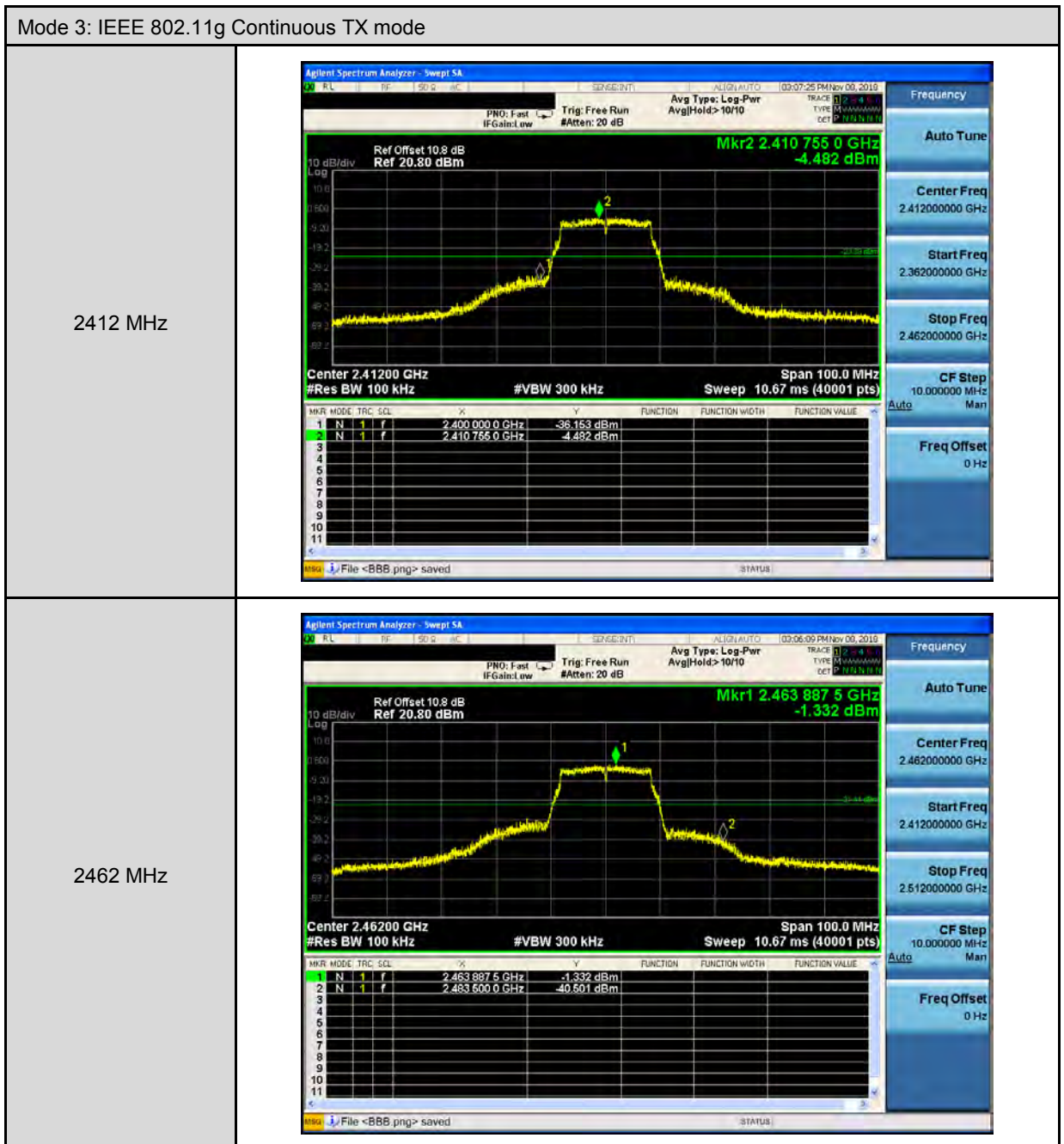
Mode 2: IEEE 802.11b Continuous TX mode

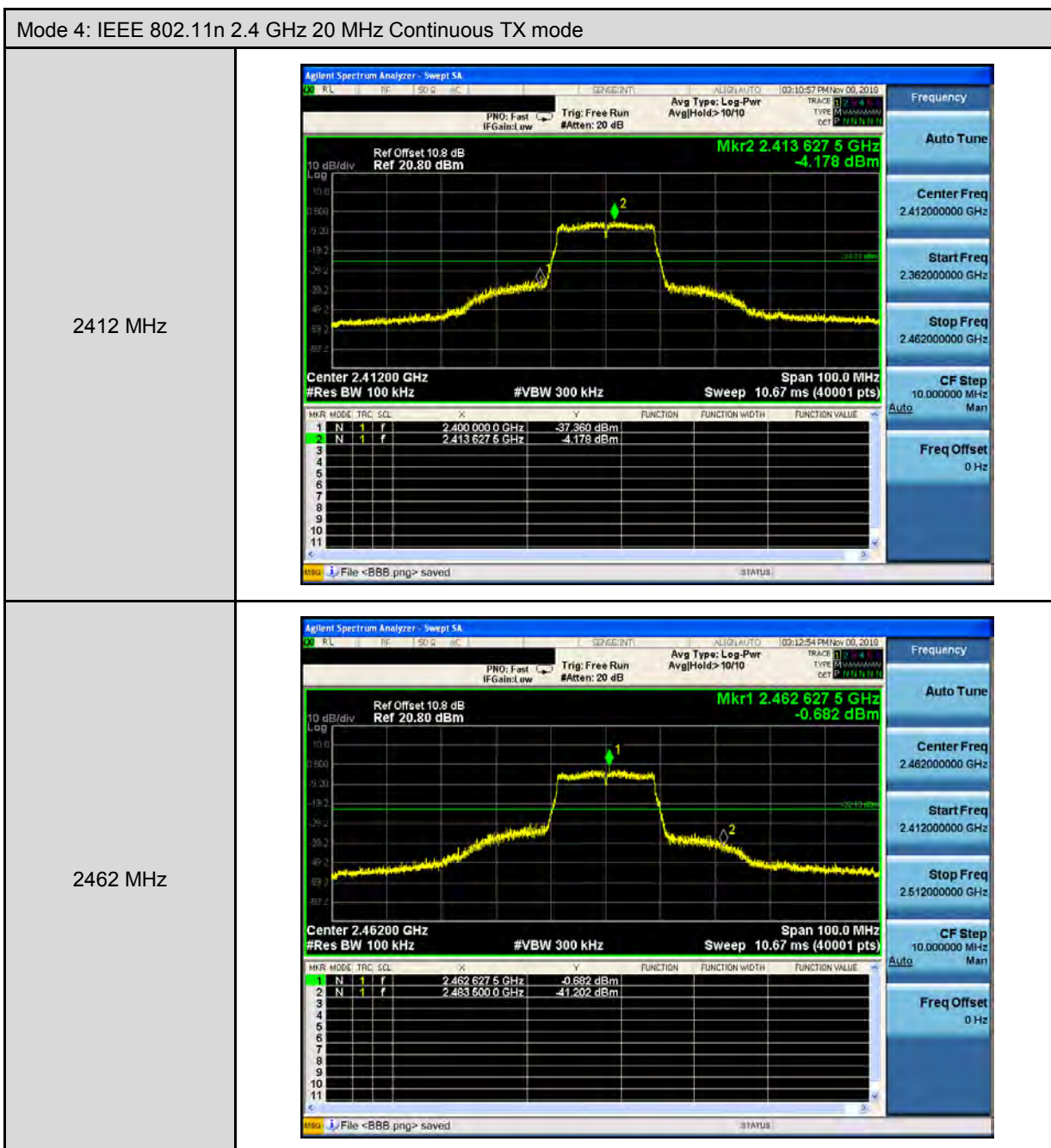
2412 MHz

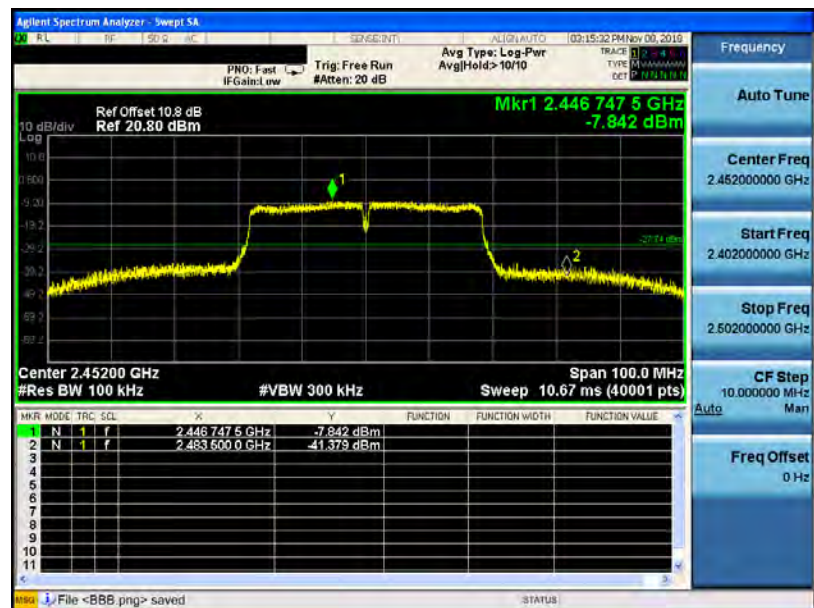
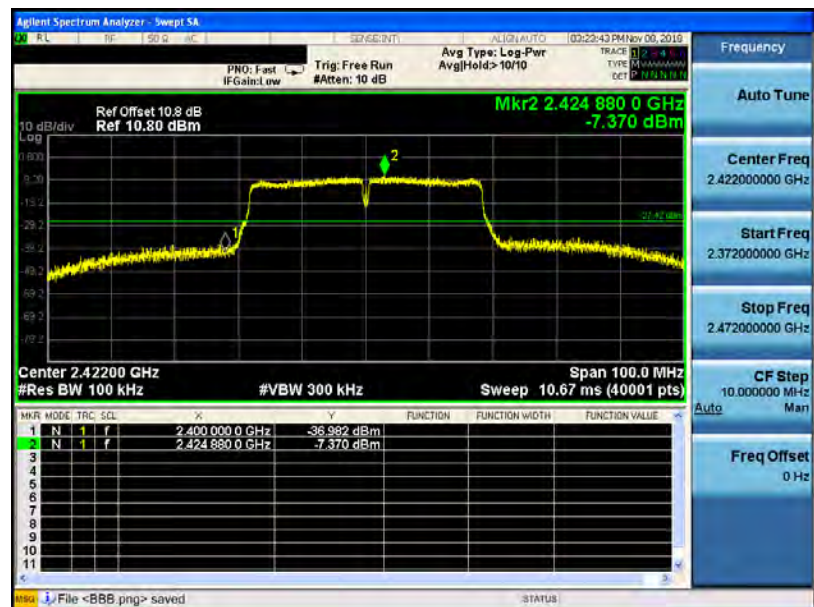


2462 MHz







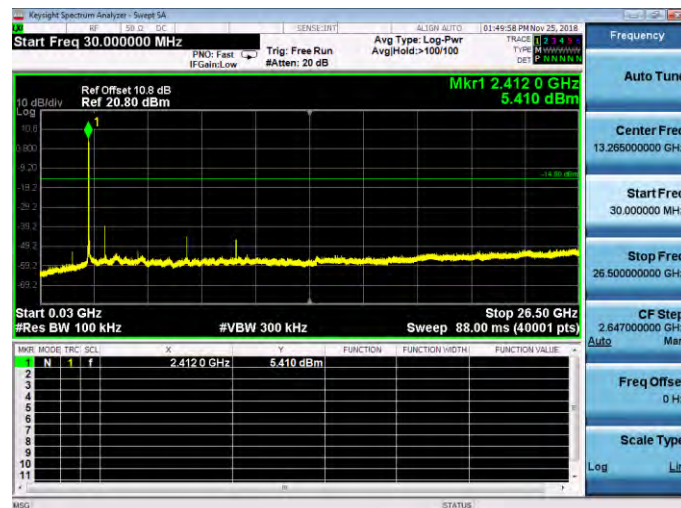


Power setting 2_Antenna Type: Heavy Duty Screw Mount Antenna

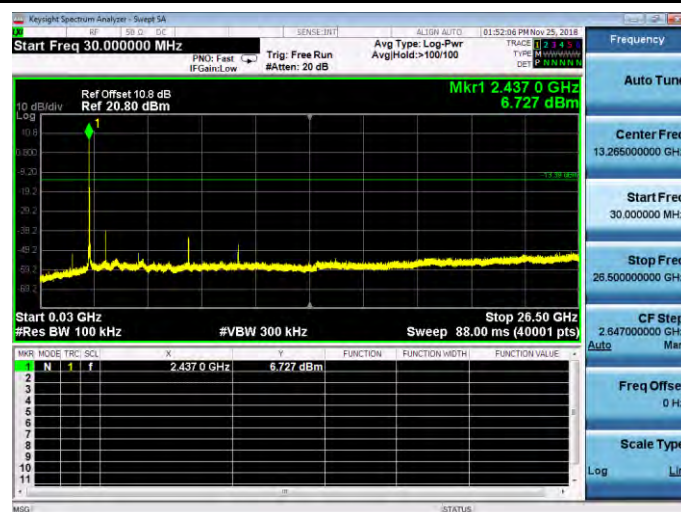
Out of Band Conducted Spurious Emission

Mode 2: IEEE 802.11b Continuous TX mode

2412 MHz

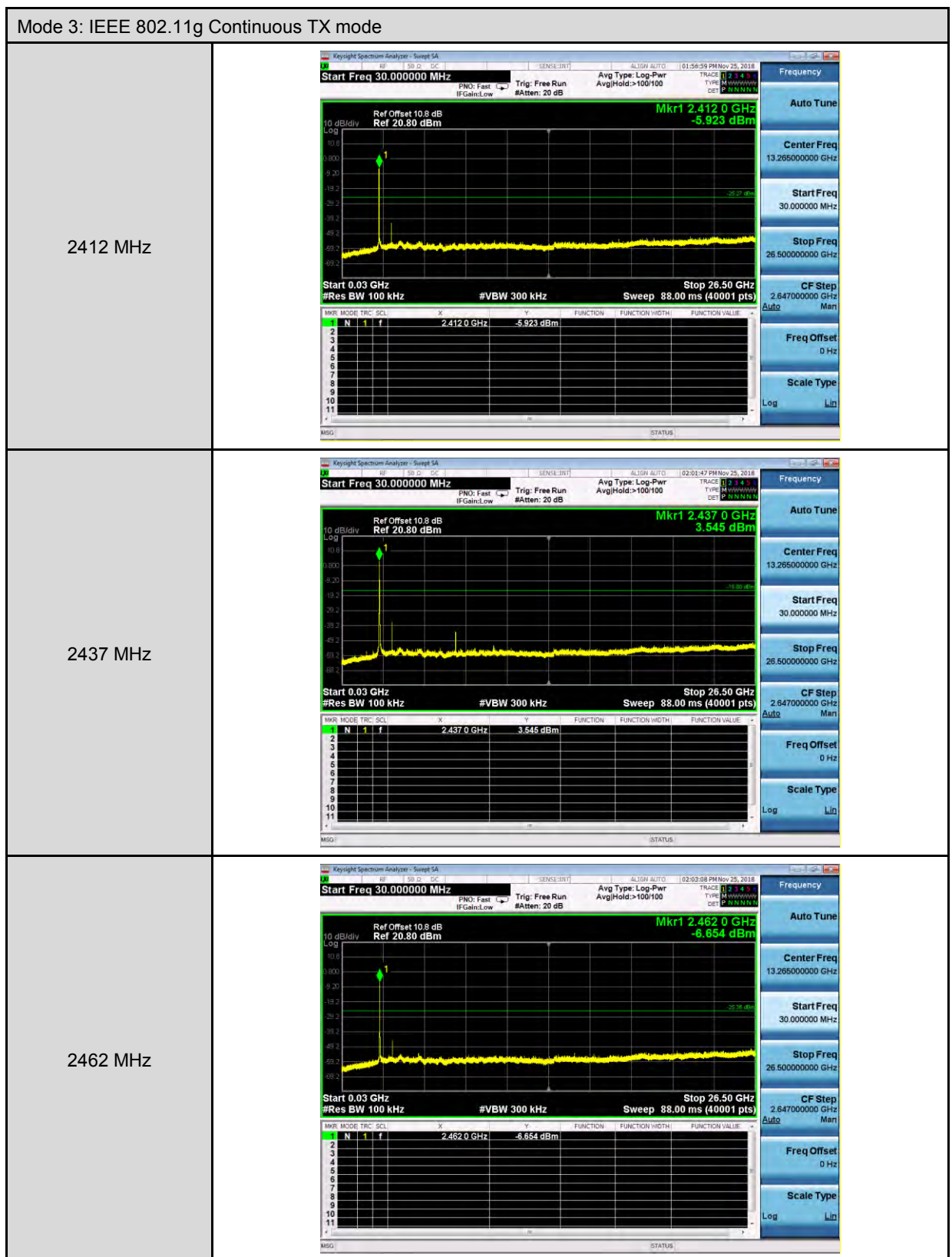


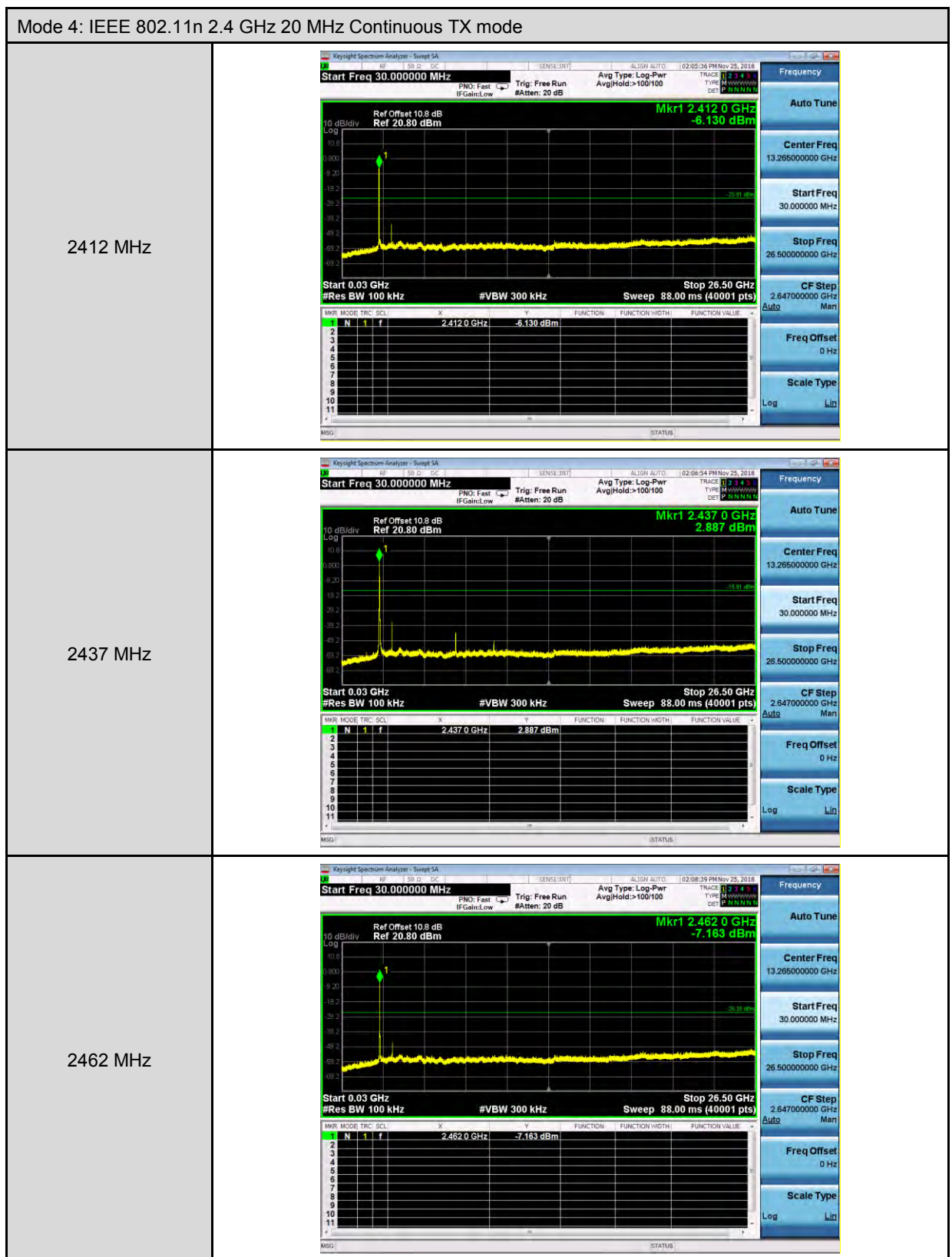
2437 MHz

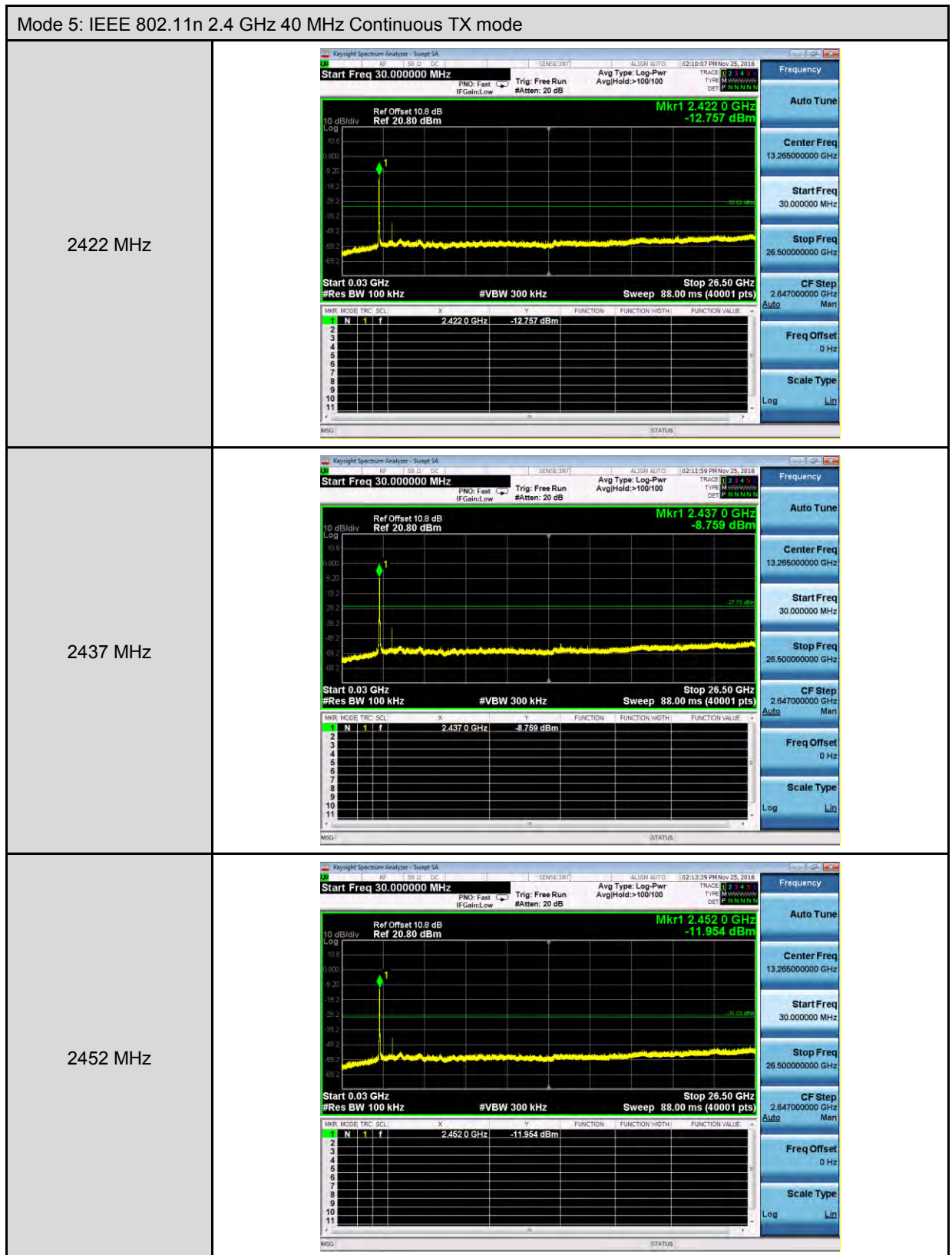


2462 MHz



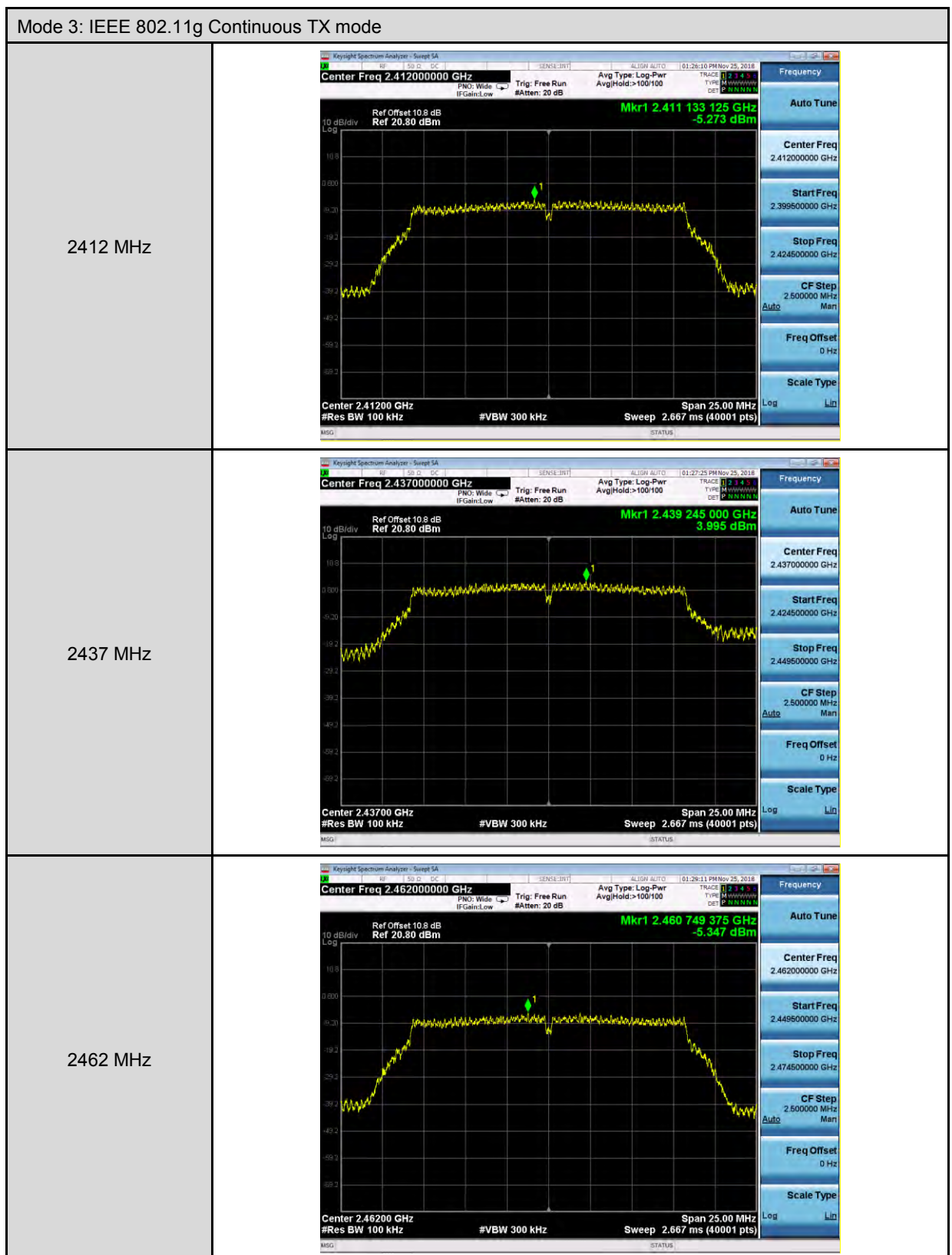


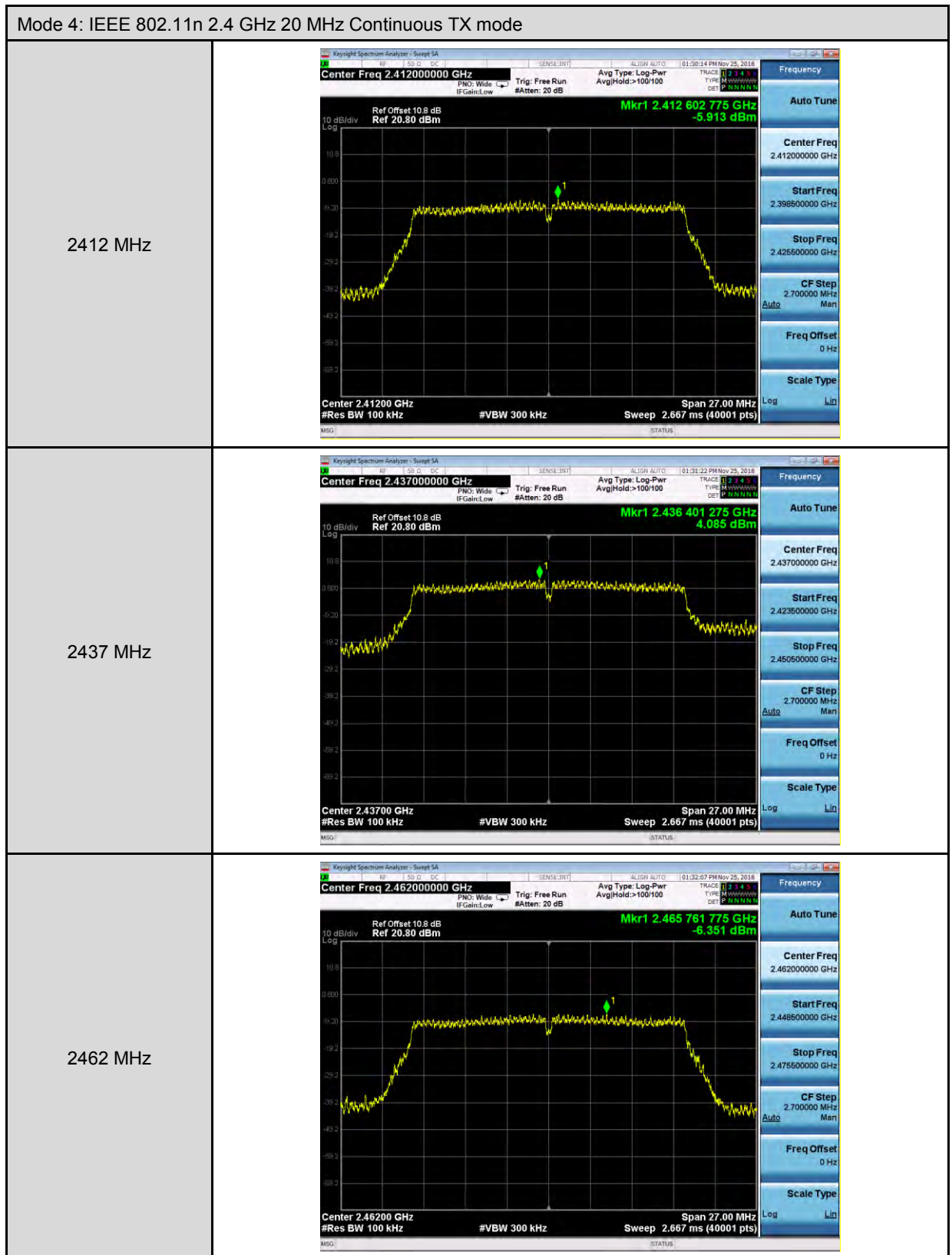


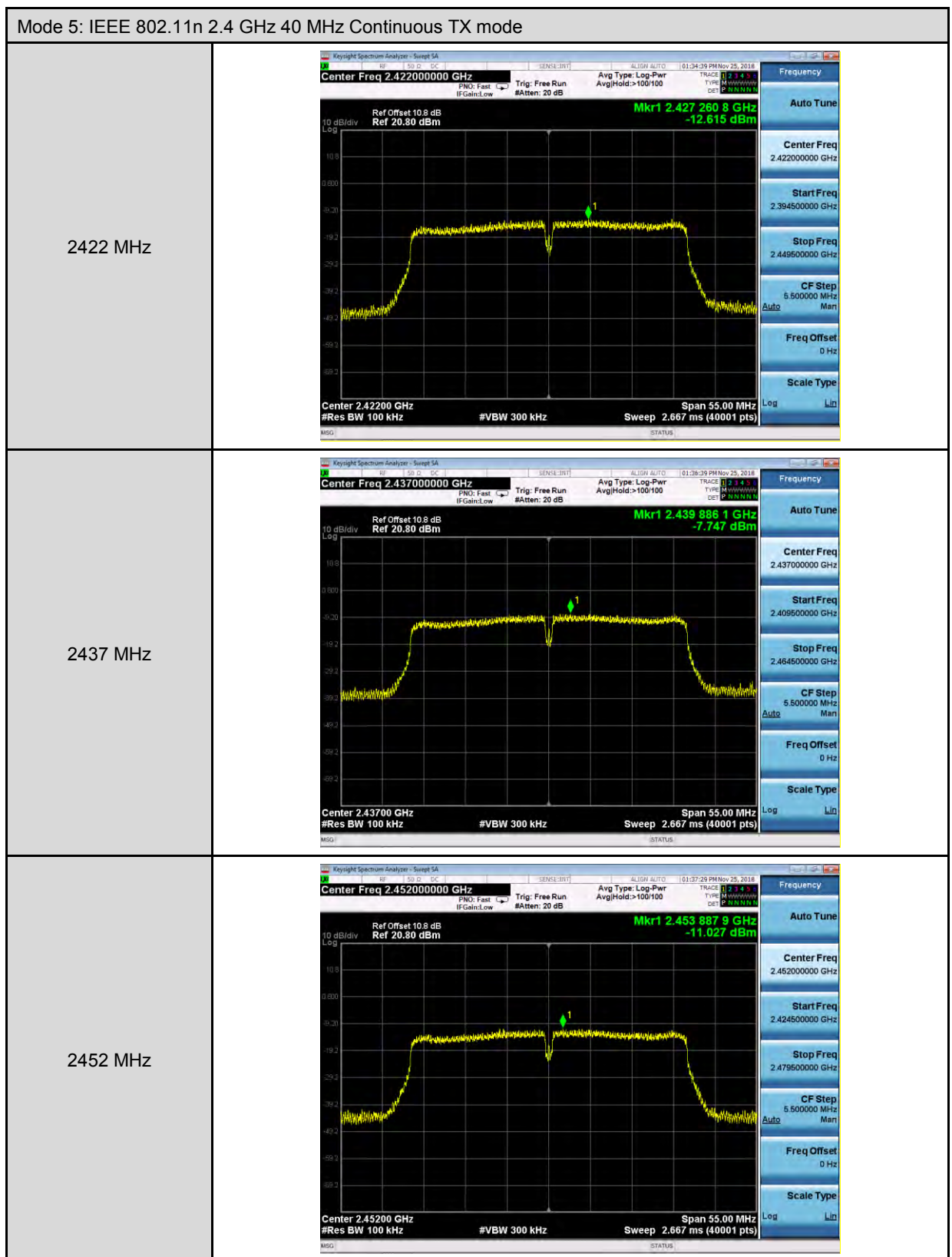


Reference level

Mode 2: IEEE 802.11b Continuous TX mode	
2412 MHz	
2437 MHz	
2462 MHz	



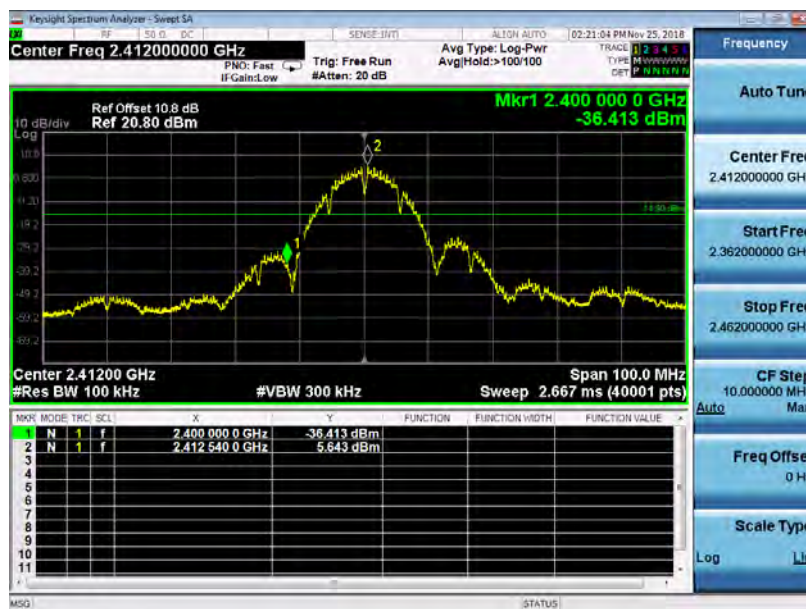




Conducted Band Edge

Mode 2: IEEE 802.11b Continuous TX mode

2412 MHz

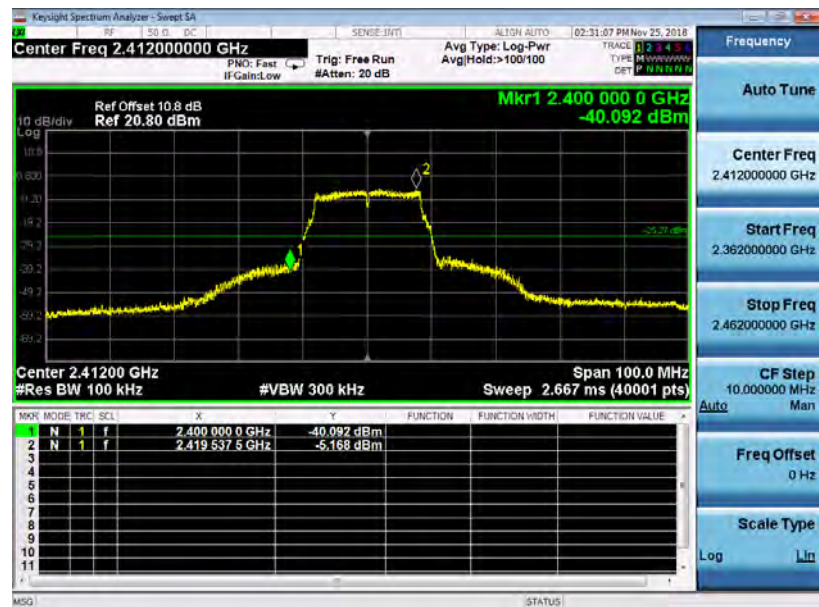


2462 MHz

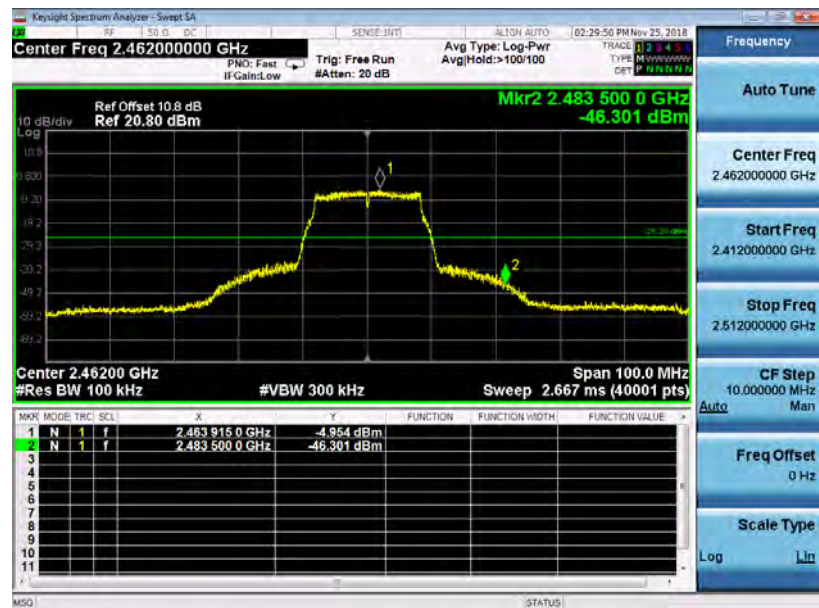


Mode 3: IEEE 802.11g Continuous TX mode

2412 MHz

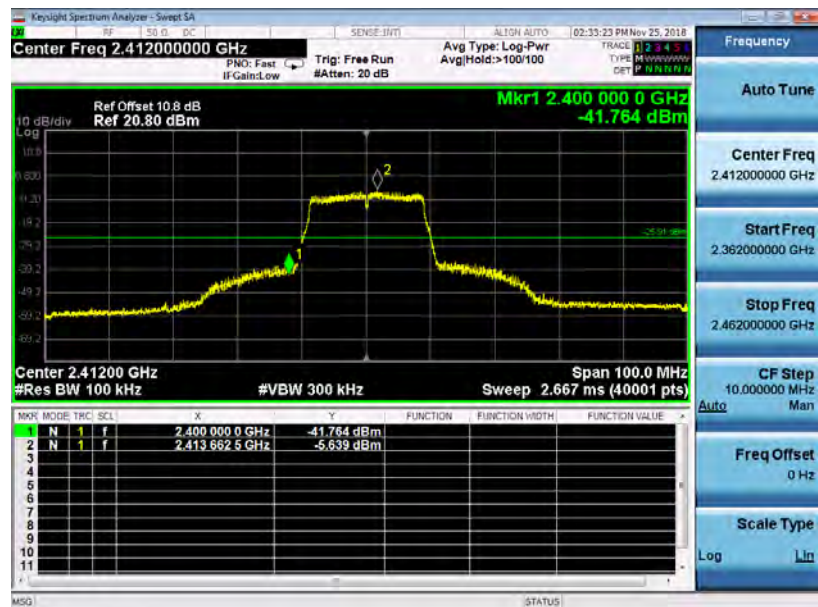


2462 MHz

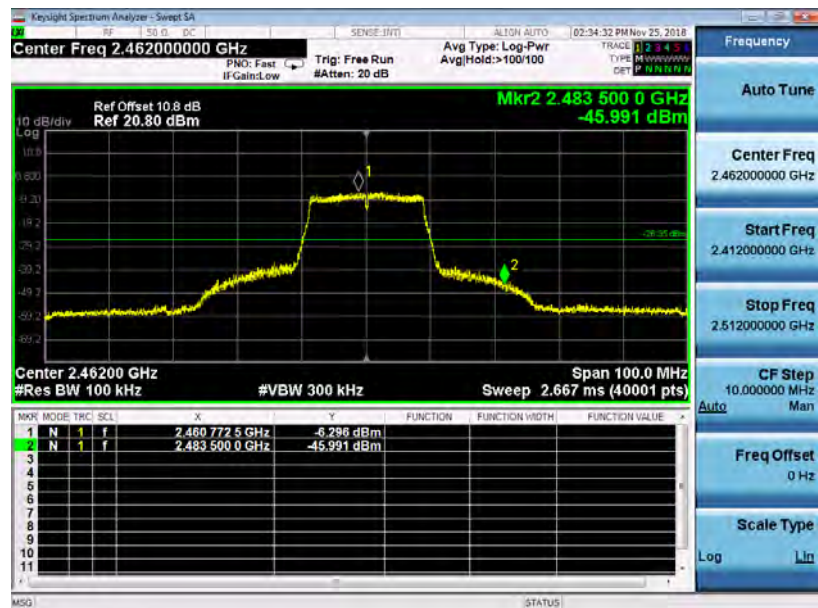


Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode

2412 MHz

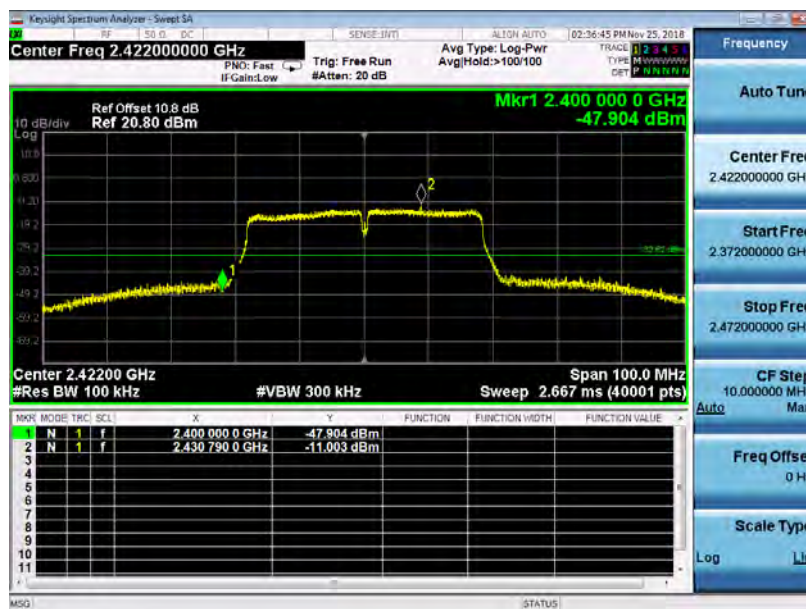


2462 MHz

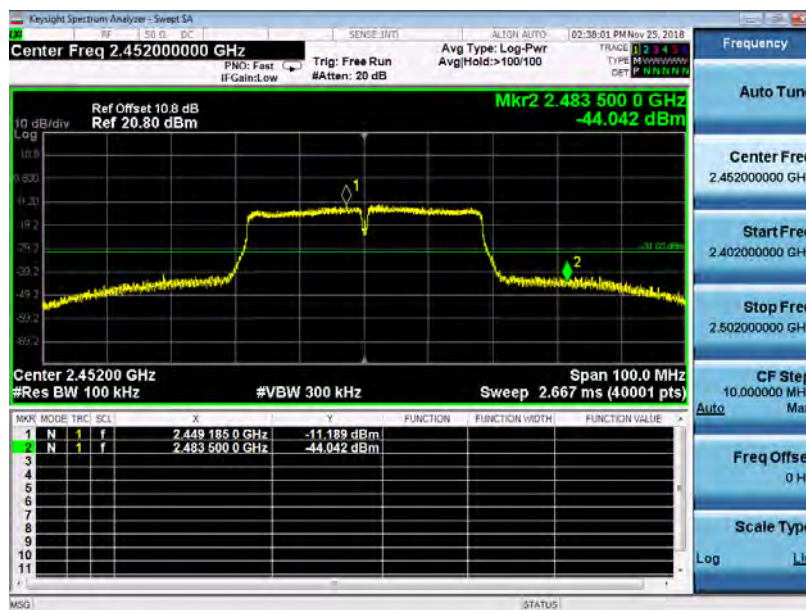


Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode

2422 MHz



2452 MHz

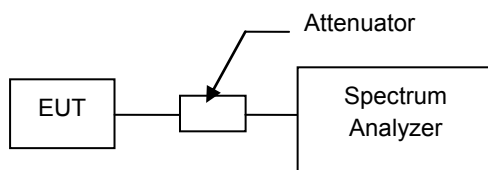


4.2.5 6 dB頻寬之要求

合格標準:

依據 NCC 低功率射頻電機技術規範 3.10.1.6(2)(A)節之要求，對使用數位調變技術(Digital Modulation Techniques)系統而言，6 dB 頻寬至少應有 500 千赫(kHz)。

測試架構圖：

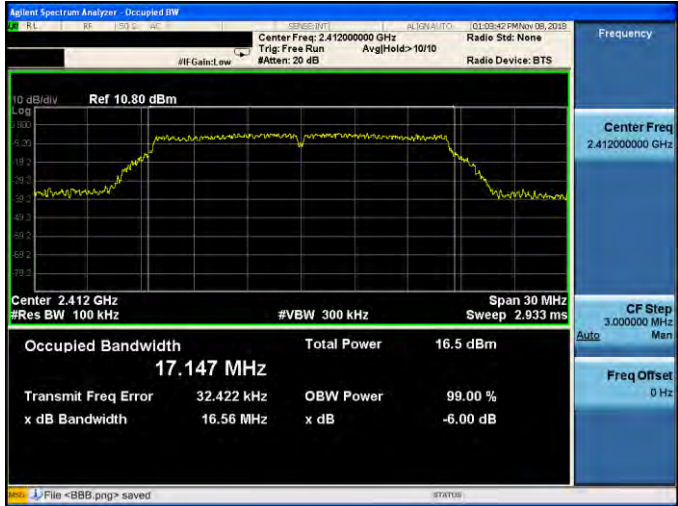
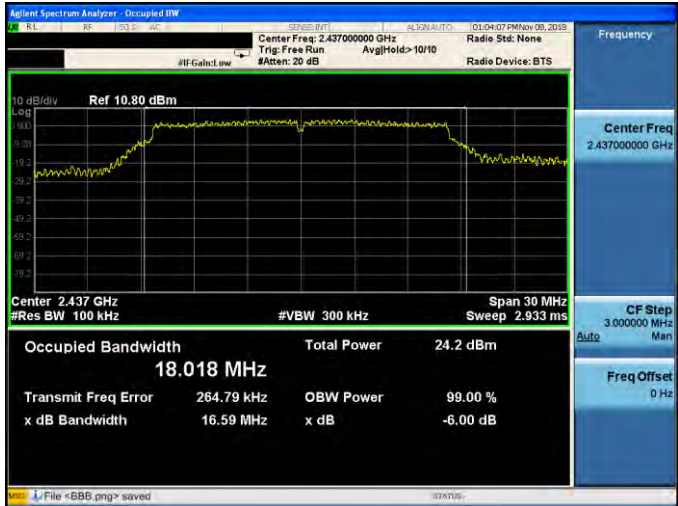
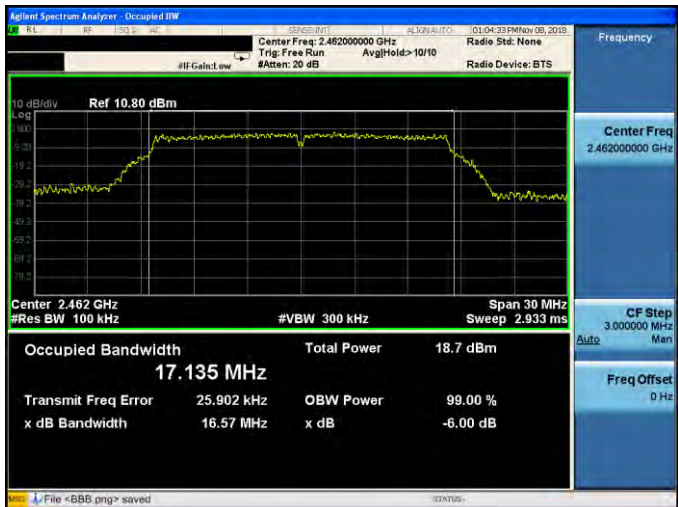


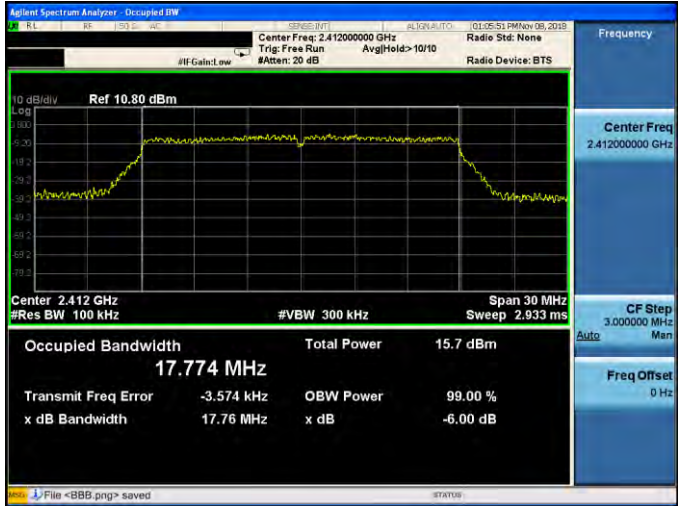
測試結果:

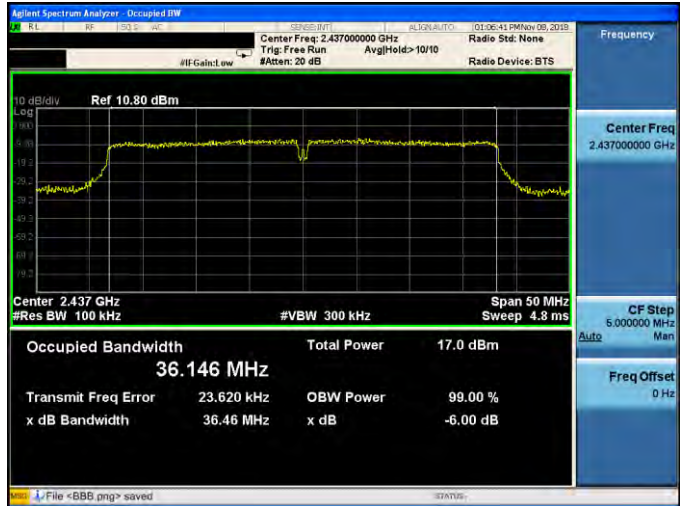
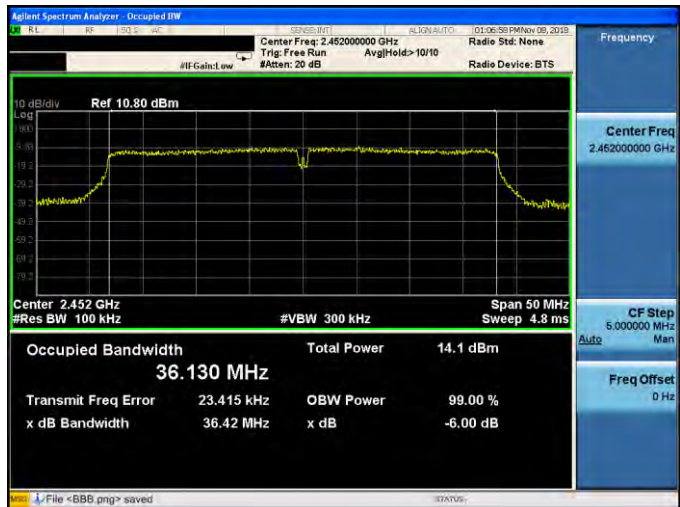
Power setting 1_Antenna Type: PCB Trace Antenna

操作模式 : Mode 2 / Mode 3 / Mode 4 / Mode 5			
操作模式	頻道	量測值 (kHz)	限制值 (kHz)
Mode 2	CH01	9086	≥ 500
	CH06	9079	≥ 500
	CH11	8588	≥ 500
Mode 3	CH01	16560	≥ 500
	CH06	16590	≥ 500
	CH11	16570	≥ 500
Mode 4	CH01	17760	≥ 500
	CH06	17730	≥ 500
	CH11	17760	≥ 500
Mode 5	CH03	36470	≥ 500
	CH06	36460	≥ 500
	CH09	36420	≥ 500
測試掃描圖請參考下頁。			

Mode 2: IEEE 802.11b Continuous TX mode	
2412 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 14.361 MHz Total Power 23.5 dBm Transmit Freq Error 37.803 kHz OBW Power 99.00 % x dB Bandwidth 9.086 MHz x dB -6.00 dB Frequency Center Freq 2.41200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved
2437 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 14.175 MHz Total Power 23.1 dBm Transmit Freq Error 20.616 kHz OBW Power 99.00 % x dB Bandwidth 9.079 MHz x dB -6.00 dB Frequency Center Freq 2.43700000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved
2462 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 14.145 MHz Total Power 23.6 dBm Transmit Freq Error 17.438 kHz OBW Power 99.00 % x dB Bandwidth 8.588 MHz x dB -6.00 dB Frequency Center Freq 2.46200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz File <BBB.png> saved

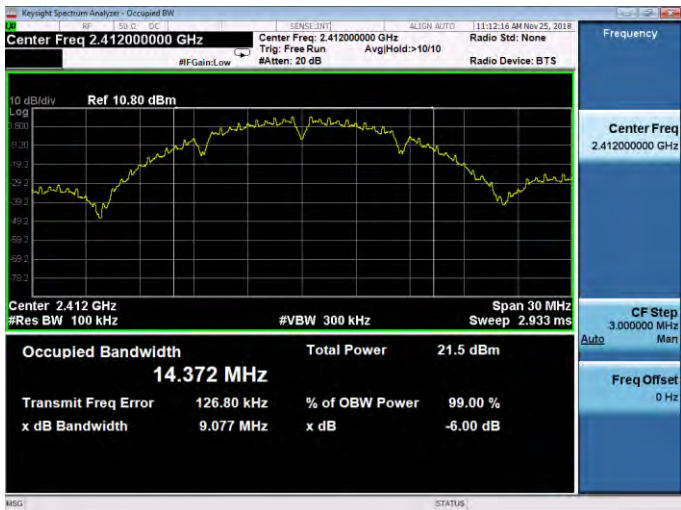
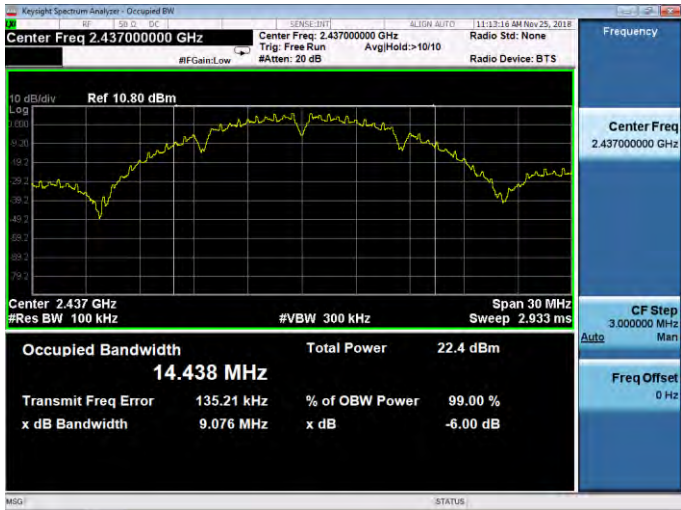
Mode 3: IEEE 802.11g Continuous TX mode	
2412 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.41200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.412 GHz #Res BW 100 kHz Span 30 MHz #VBW 300 kHz Sweep 2.933 ms Occupied Bandwidth 17.147 MHz Total Power 16.5 dBm Transmit Freq Error 32.422 kHz OBW Power 99.00 % x dB Bandwidth 16.56 MHz x dB -6.00 dB File <BBB.png> saved
2437 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.437 GHz #Res BW 100 kHz Span 30 MHz #VBW 300 kHz Sweep 2.933 ms Occupied Bandwidth 18.018 MHz Total Power 24.2 dBm Transmit Freq Error 264.79 kHz OBW Power 99.00 % x dB Bandwidth 16.59 MHz x dB -6.00 dB File <BBB.png> saved
2462 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.46200000 GHz Trig: Free Run #Atten: 20 dB Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.462 GHz #Res BW 100 kHz Span 30 MHz #VBW 300 kHz Sweep 2.933 ms Occupied Bandwidth 17.135 MHz Total Power 18.7 dBm Transmit Freq Error 25.902 kHz OBW Power 99.00 % x dB Bandwidth 16.57 MHz x dB -6.00 dB File <BBB.png> saved

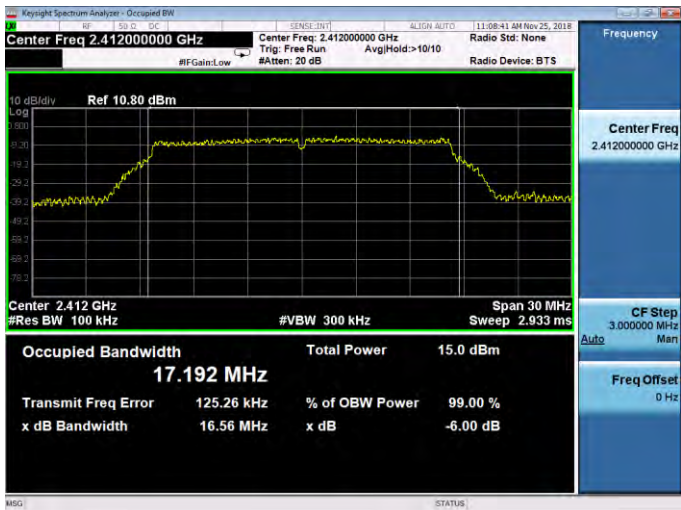
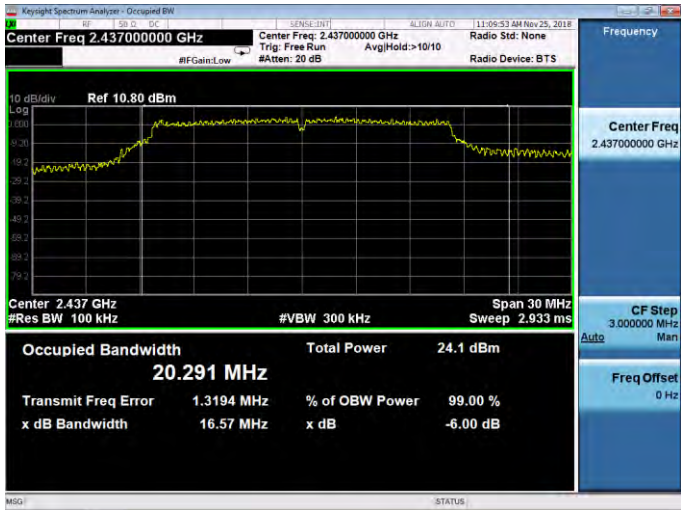
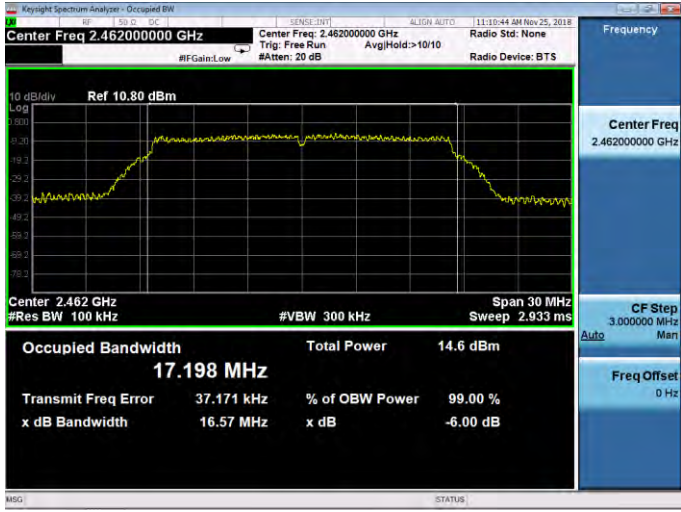
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode	
2412 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.412000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.774 MHz Total Power 15.7 dBm Transmit Freq Error -3.574 kHz OBW Power 99.00 % x dB Bandwidth 17.76 MHz x dB -6.00 dB File <BBB.png> saved
2437 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.437000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 18.428 MHz Total Power 24.5 dBm Transmit Freq Error 272.07 kHz OBW Power 99.00 % x dB Bandwidth 17.73 MHz x dB -6.00 dB File <BBB.png> saved
2462 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.462000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.842 MHz Total Power 18.1 dBm Transmit Freq Error 4.240 kHz OBW Power 99.00 % x dB Bandwidth 17.76 MHz x dB -6.00 dB File <BBB.png> saved

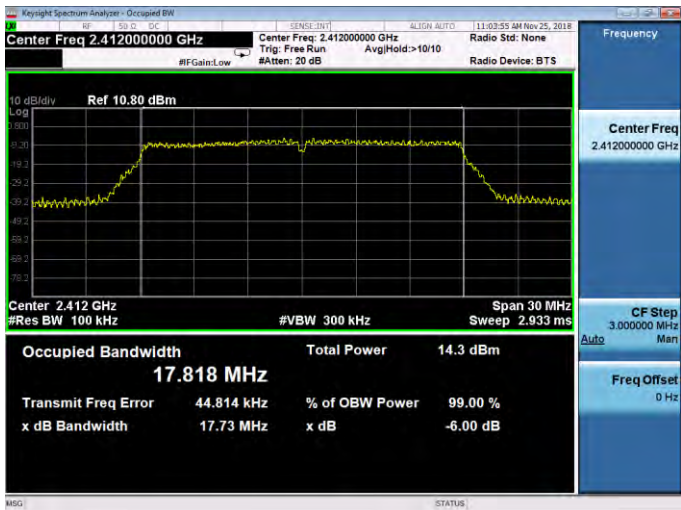
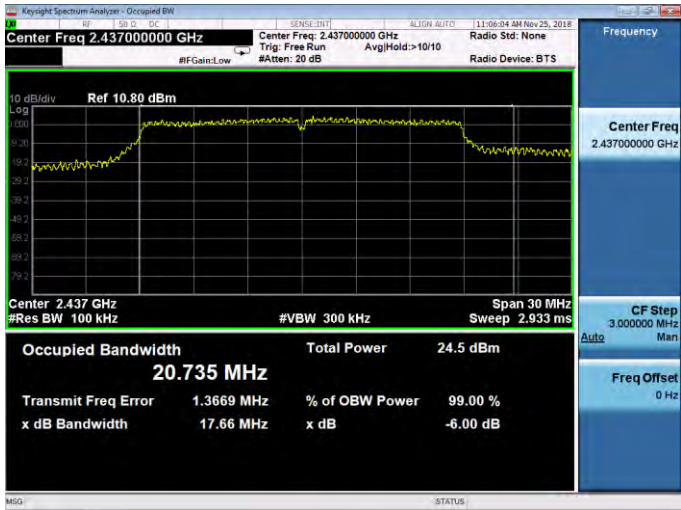
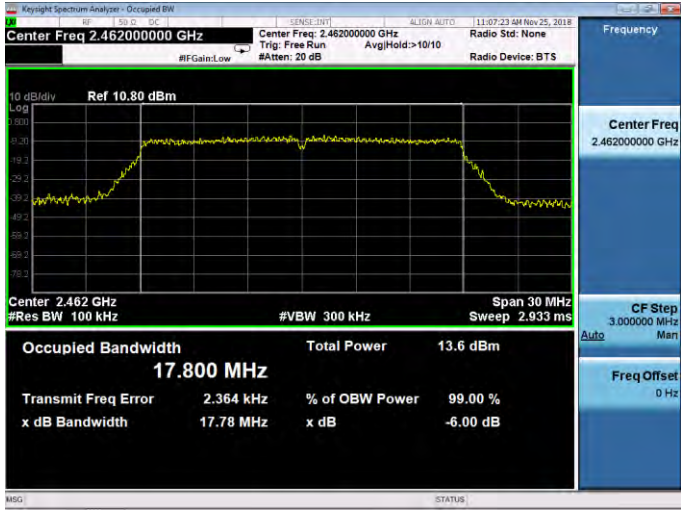
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode	
2422 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.42200000 GHz Trig: Free Run #Att: 20 dB Avg: Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.422 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms Occupied Bandwidth 36.098 MHz Total Power 13.5 dBm Transmit Freq Error 38.122 kHz OBW Power 99.00 % x dB Bandwidth 36.47 MHz x dB -6.00 dB File <BBB.png> saved
2437 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.43700000 GHz Trig: Free Run #Att: 20 dB Avg: Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms Occupied Bandwidth 36.146 MHz Total Power 17.0 dBm Transmit Freq Error 23.620 kHz OBW Power 99.00 % x dB Bandwidth 36.46 MHz x dB -6.00 dB File <BBB.png> saved
2452 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.45200000 GHz Trig: Free Run #Att: 20 dB Avg: Hold: 10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.452 GHz #Res BW 100 kHz #VBW 300 kHz Span 50 MHz Sweep 4.8 ms Occupied Bandwidth 36.130 MHz Total Power 14.1 dBm Transmit Freq Error 23.415 kHz OBW Power 99.00 % x dB Bandwidth 36.42 MHz x dB -6.00 dB File <BBB.png> saved

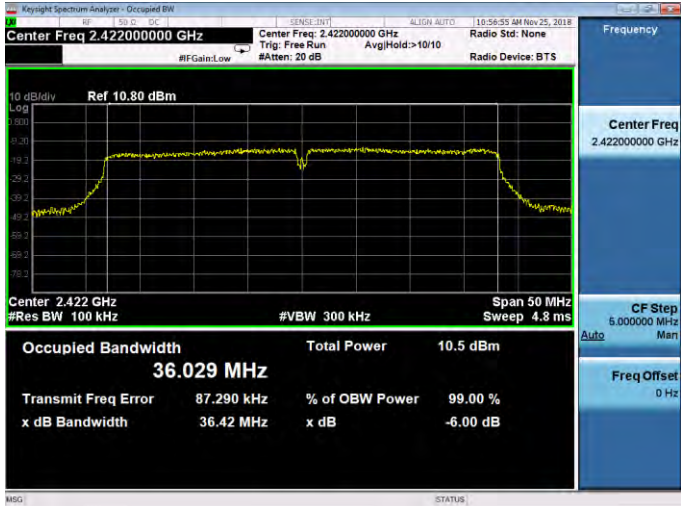
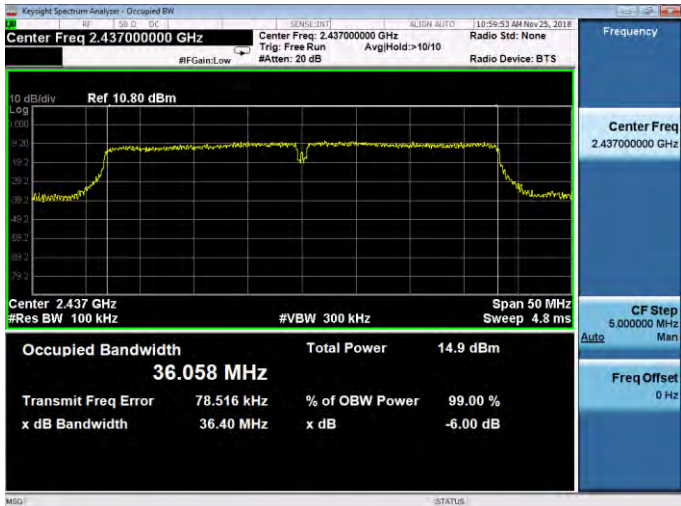
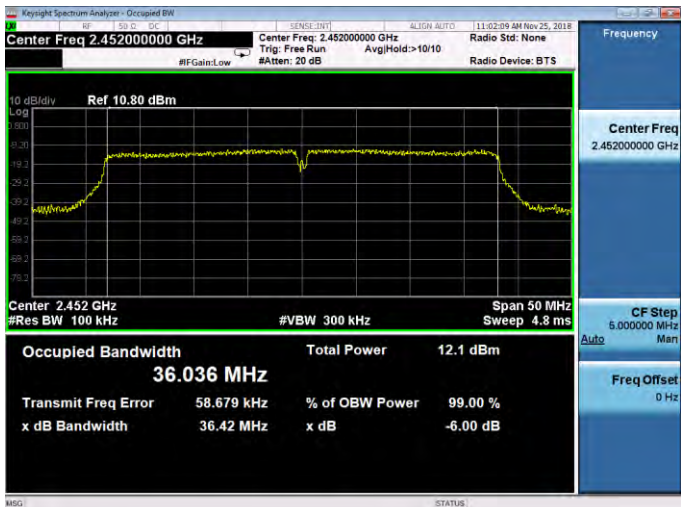
Power setting 2_Antenna Type: Heavy Duty Screw Mount Antenna

操作模式 : Mode 2 / Mode 3 / Mode 4 / Mode 5			
操作模式	頻道	量測值 (kHz)	限制值 (kHz)
Mode 2	CH01	9077	≥ 500
	CH06	9076	≥ 500
	CH11	9069	≥ 500
Mode 3	CH01	16560	≥ 500
	CH06	16570	≥ 500
	CH11	16570	≥ 500
Mode 4	CH01	17730	≥ 500
	CH06	17660	≥ 500
	CH11	17780	≥ 500
Mode 5	CH03	36420	≥ 500
	CH06	36400	≥ 500
	CH09	36420	≥ 500
測試掃描圖請參考下頁。			

Mode 2: IEEE 802.11b Continuous TX mode	
2412 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.412000000 GHz Center Freq: 2.412000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Center Freq: 2.412 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 30 MHz Sweep: 2.933 ms Occupied Bandwidth: 14.372 MHz Total Power: 21.5 dBm Transmit Freq Error: 126.80 kHz % of OBW Power: 99.00 % x dB Bandwidth: 9.077 MHz x dB: -6.00 dB Frequency: 2.412000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz
2437 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Center Freq: 2.437 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 30 MHz Sweep: 2.933 ms Occupied Bandwidth: 14.438 MHz Total Power: 22.4 dBm Transmit Freq Error: 135.21 kHz % of OBW Power: 99.00 % x dB Bandwidth: 9.076 MHz x dB: -6.00 dB Frequency: 2.437000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz
2462 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Center Freq: 2.462 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 30 MHz Sweep: 2.933 ms Occupied Bandwidth: 14.196 MHz Total Power: 22.2 dBm Transmit Freq Error: 44.100 kHz % of OBW Power: 99.00 % x dB Bandwidth: 9.069 MHz x dB: -6.00 dB Frequency: 2.462000000 GHz CF Step: 3.000000 MHz Freq Offset: 0 Hz

Mode 3: IEEE 802.11g Continuous TX mode	
2412 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.41200000 GHz Center Freq: 2.41200000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.192 MHz Total Power 15.0 dBm Transmit Freq Error 125.26 kHz % of OBW Power 99.00 % x dB Bandwidth 16.56 MHz x dB -6.00 dB Frequency Center Freq 2.41200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz MSG: (STATUS)
2437 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.43700000 GHz Center Freq: 2.43700000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 20.291 MHz Total Power 24.1 dBm Transmit Freq Error 1.3194 MHz % of OBW Power 99.00 % x dB Bandwidth 16.57 MHz x dB -6.00 dB Frequency Center Freq 2.43700000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz MSG: (STATUS)
2462 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.46200000 GHz Center Freq: 2.46200000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.198 MHz Total Power 14.6 dBm Transmit Freq Error 37.174 kHz % of OBW Power 99.00 % x dB Bandwidth 16.57 MHz x dB -6.00 dB Frequency Center Freq 2.46200000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz MSG: (STATUS)

Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode	
2412 MHz	 Center Freq 2.412000000 GHz Center Freq: 2.412000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.412 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.818 MHz Total Power 14.3 dBm Transmit Freq Error 44.814 kHz % of OBW Power 99.00 % x dB Bandwidth 17.73 MHz x dB -6.00 dB Frequency Center Freq 2.412000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
2437 MHz	 Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.437 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 20.735 MHz Total Power 24.5 dBm Transmit Freq Error 1.3669 MHz % of OBW Power 99.00 % x dB Bandwidth 17.66 MHz x dB -6.00 dB Frequency Center Freq 2.437000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
2462 MHz	 Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 10.80 dBm Center 2.462 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 17.800 MHz Total Power 13.6 dBm Transmit Freq Error 2.364 kHz % of OBW Power 99.00 % x dB Bandwidth 17.78 MHz x dB -6.00 dB Frequency Center Freq 2.462000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz

Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode	
2422 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.422 GHz, Span: 50 MHz, Sweep: 4.8 ms Occupied Bandwidth: 36.029 MHz Total Power: 10.5 dBm Transmit Freq Error: 87.290 kHz % of OBW Power: 99.00 % x dB Bandwidth: 36.42 MHz x dB: -6.00 dB
2437 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.437 GHz, Span: 50 MHz, Sweep: 4.8 ms Occupied Bandwidth: 36.058 MHz Total Power: 14.9 dBm Transmit Freq Error: 78.516 kHz % of OBW Power: 99.00 % x dB Bandwidth: 36.40 MHz x dB: -6.00 dB
2452 MHz	 Key: 10 dB/div, Ref 10.80 dBm Center Freq: 2.452 GHz, Span: 50 MHz, Sweep: 4.8 ms Occupied Bandwidth: 36.036 MHz Total Power: 12.1 dBm Transmit Freq Error: 58.679 kHz % of OBW Power: 99.00 % x dB Bandwidth: 36.42 MHz x dB: -6.00 dB

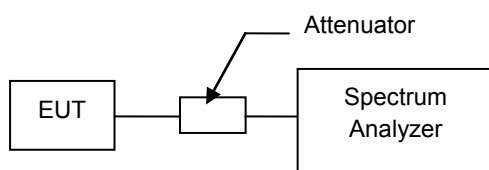
4.2.6 峰值發射功率頻譜密度之要求

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 3.10.1.6(2)(B)節之要求，數位調變技術(Digital Modulation Techniques)系統之功率密度,再使用頻率範圍之任意 3 kHz 頻寬內,由發射機傳導至天線之峰值發射功率頻譜密度在任意期間內,皆不得大於 8 dBm(複合系統時，關閉跳頻作業狀態檢驗)。

測試架構圖：

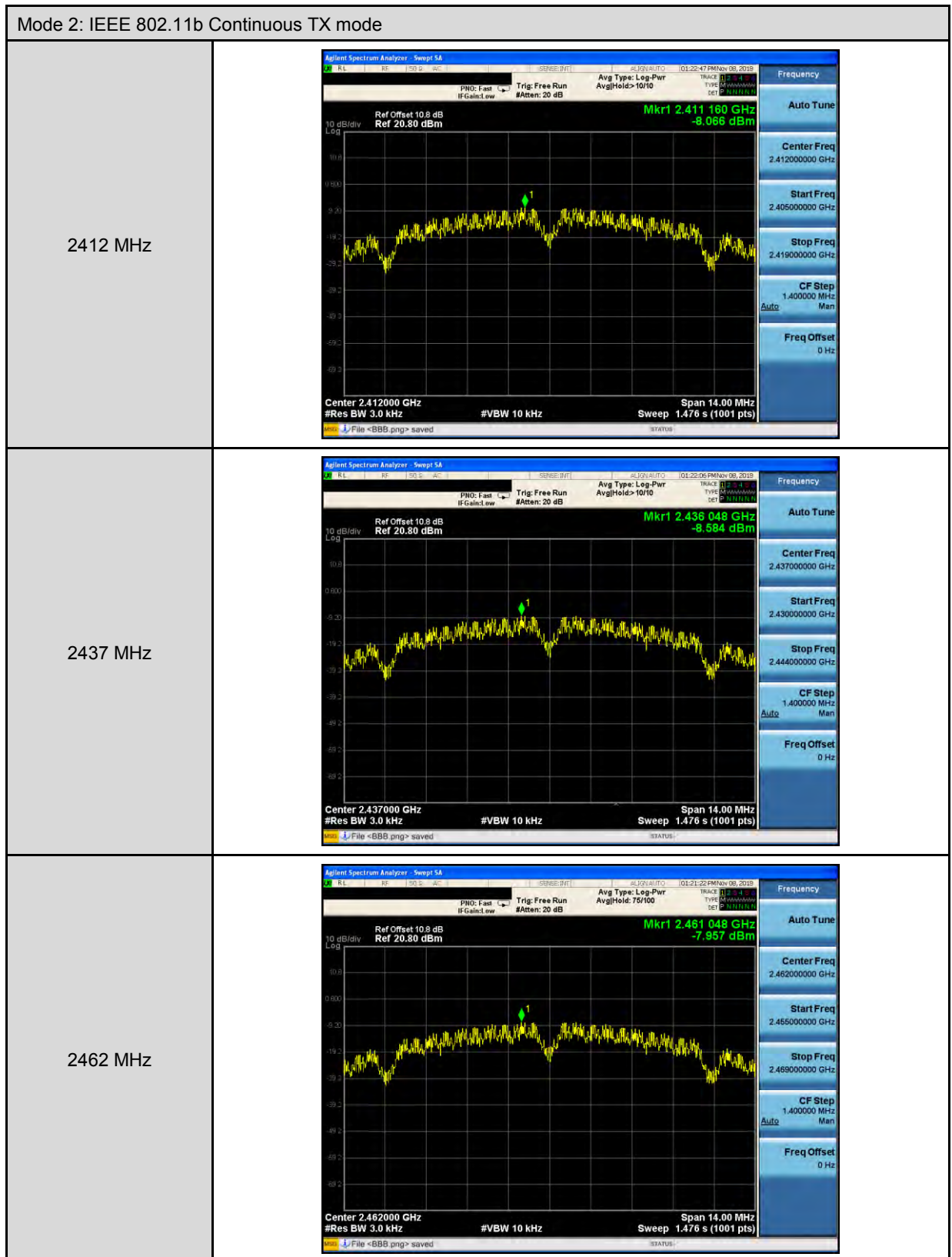
測試場地測試配置如圖所示。

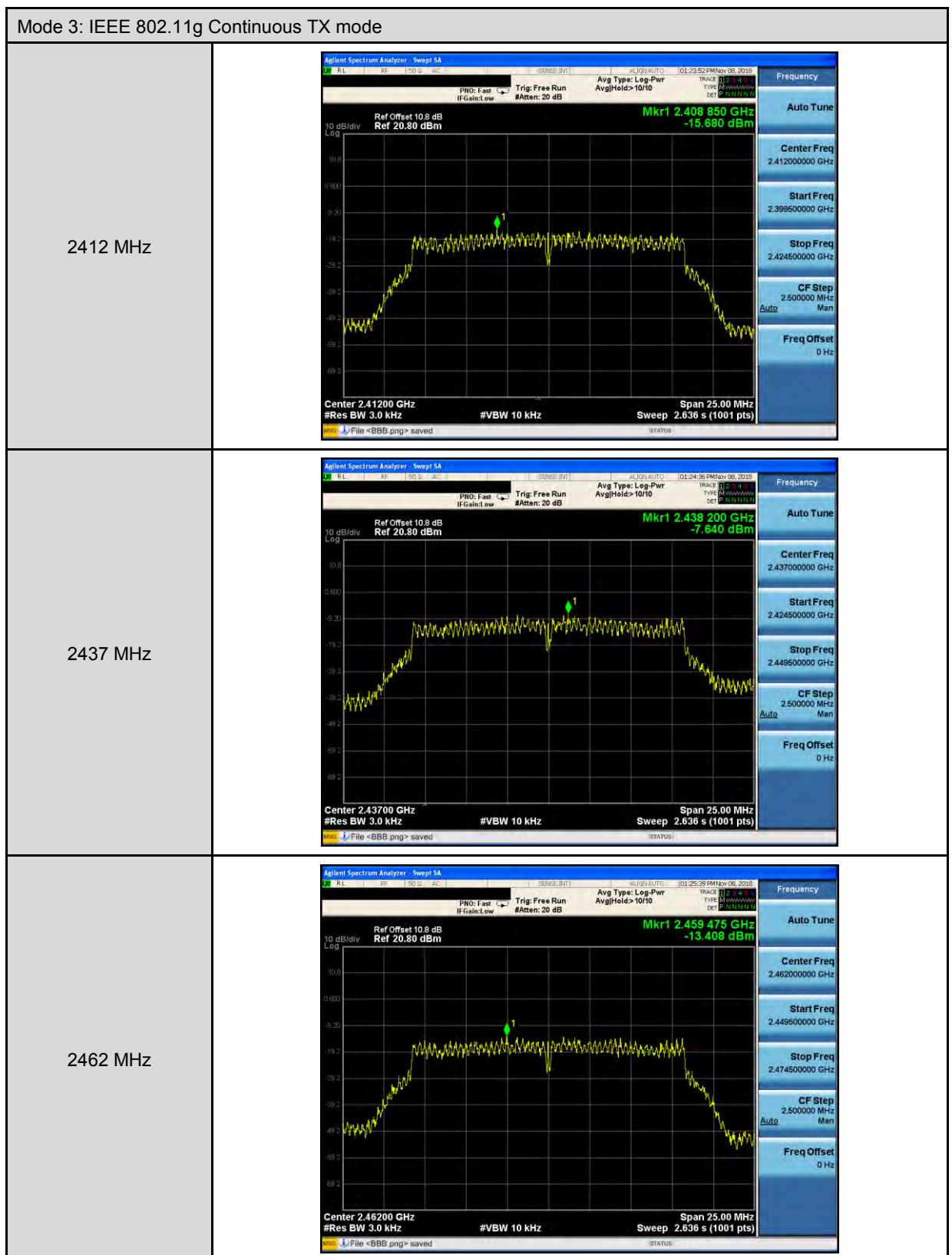


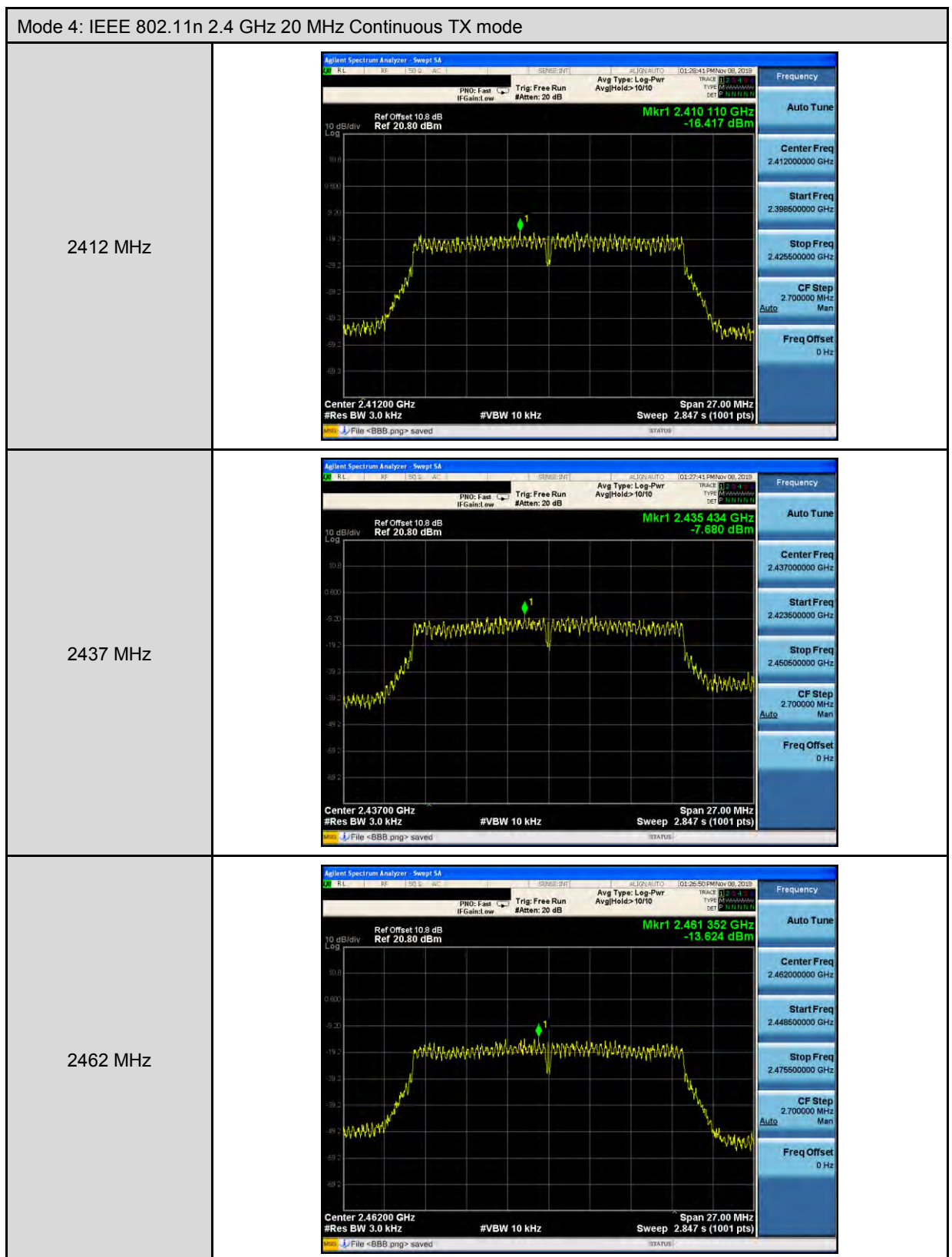
測試結果：

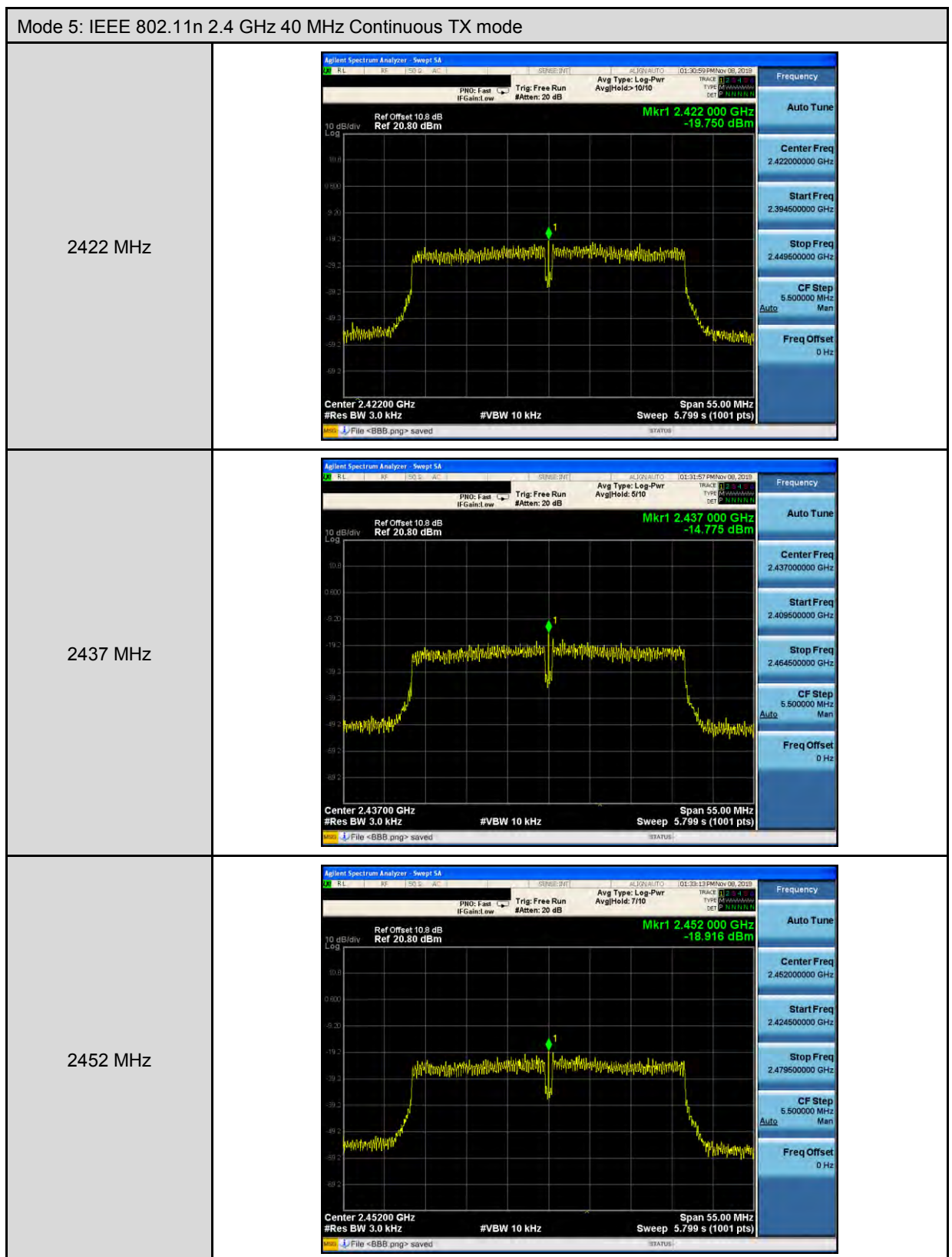
Power setting 1_Antenna Type: PCB Trace Antenna			
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操作模式：Mode 2 / Mode 3 / Mode 4 / Mode 5			
測試結果：合格			
操作模式	頻道	量測值 (dBm)	限制值 (dBm)
Mode 2	CH01	-8.066	≤ 8
	CH06	-8.584	≤ 8
	CH11	-7.957	≤ 8
Mode 3	CH01	-15.680	≤ 8
	CH06	-7.640	≤ 8
	CH11	-13.408	≤ 8
Mode 4	CH01	-16.417	≤ 8
	CH06	-7.680	≤ 8
	CH11	-13.624	≤ 8
Mode 5	CH03	-19.750	≤ 8
	CH06	-14.775	≤ 8
	CH09	-18.916	≤ 8



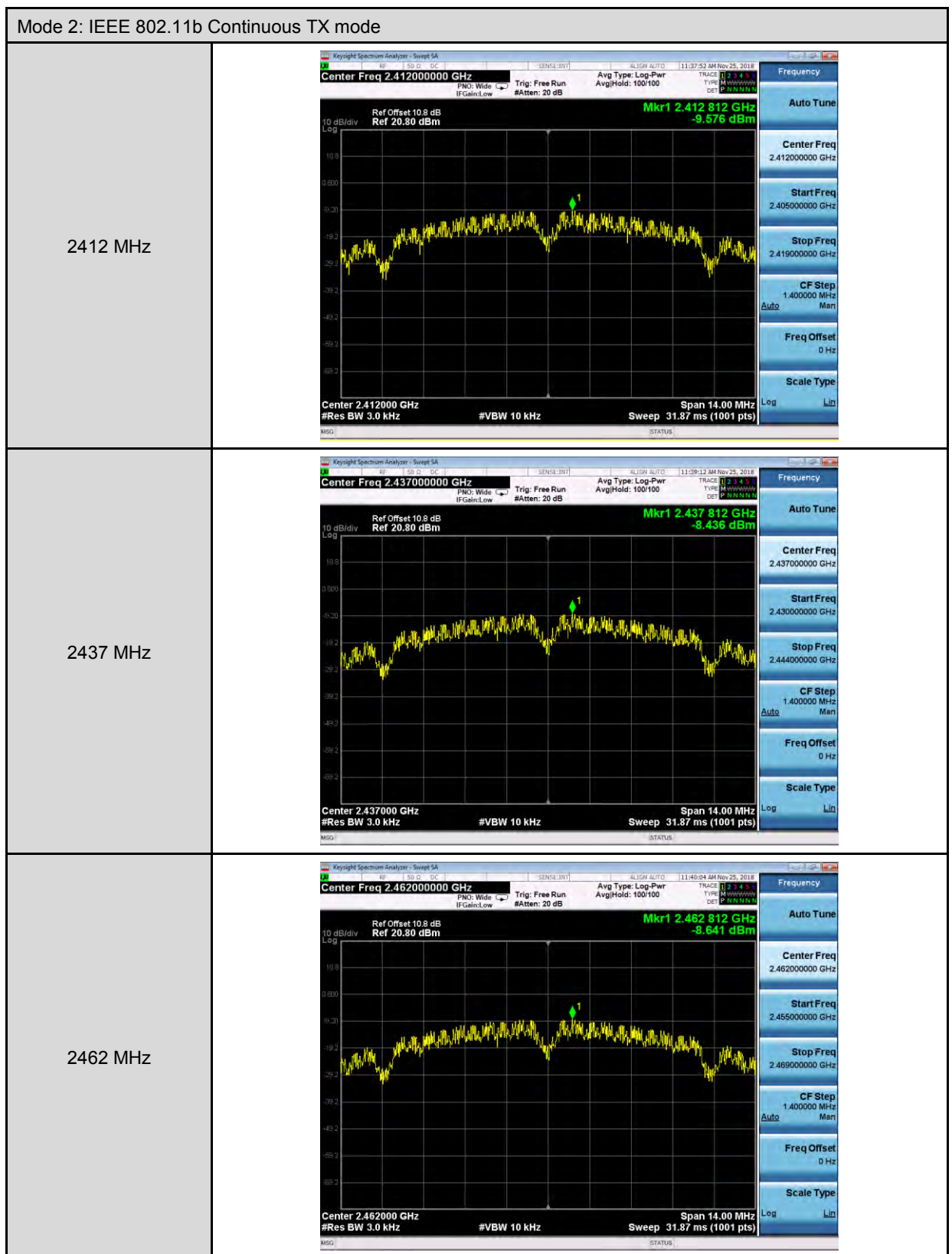


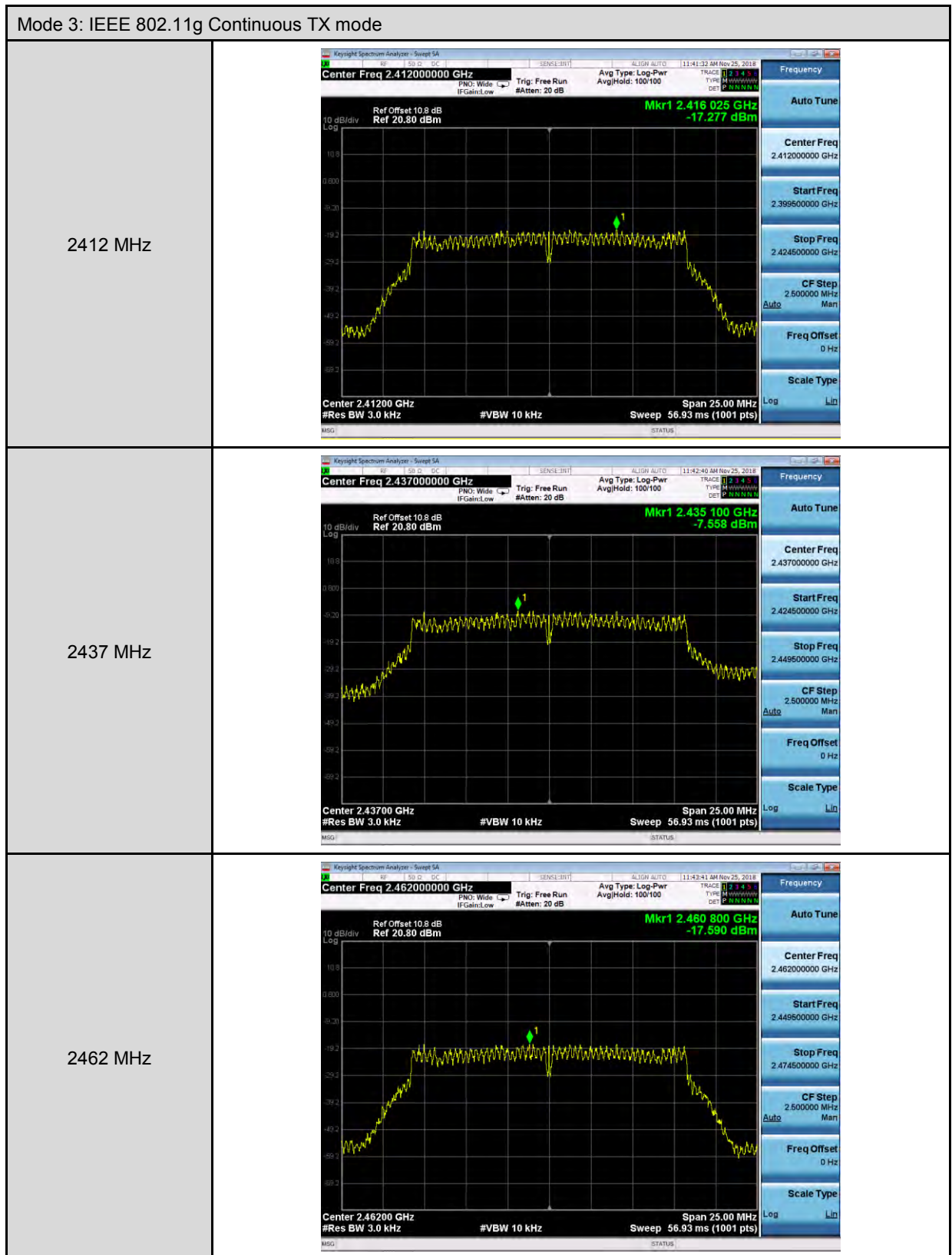


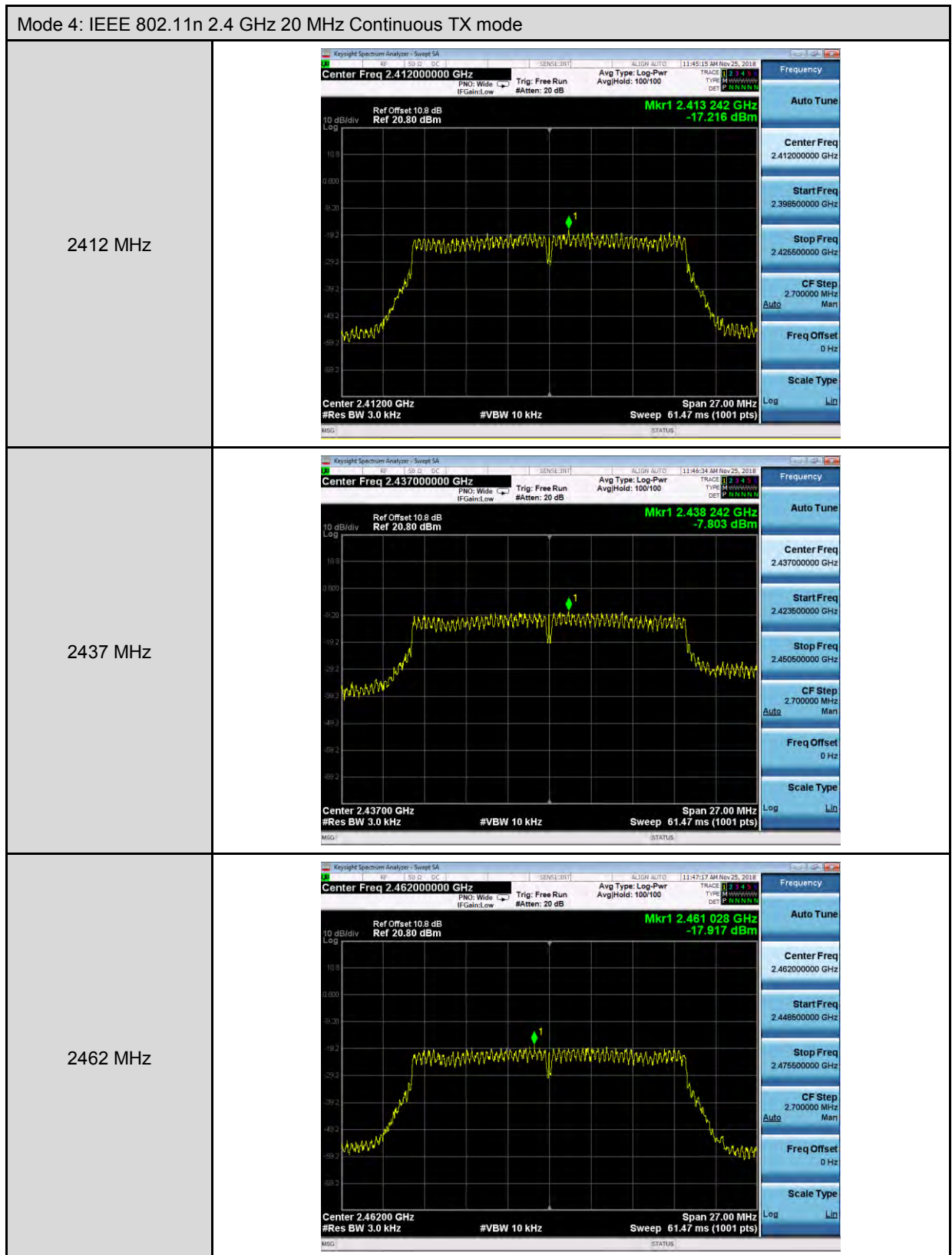


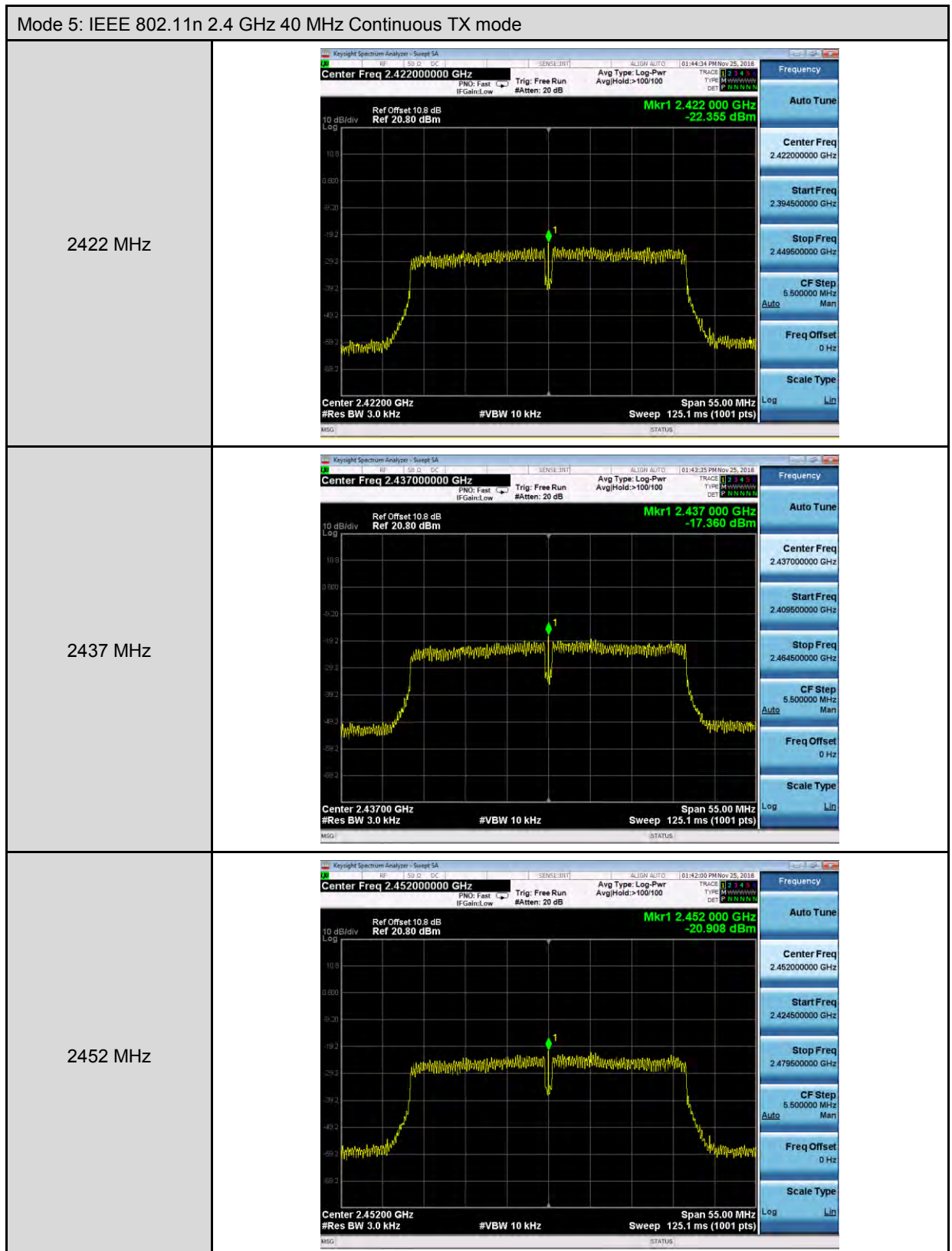
Power setting 2_Antenna Type: Heavy Duty Screw Mount Antenna

操作模式 : Mode 2 / Mode 3 / Mode 4 / Mode 5			
測試結果 : 合格			
操作模式	頻道	量測值 (dBm)	限制值 (dBm)
Mode 2	CH01	-9.576	≤ 8
	CH06	-8.436	≤ 8
	CH11	-8.641	≤ 8
Mode 3	CH01	-17.277	≤ 8
	CH06	-7.558	≤ 8
	CH11	-17.590	≤ 8
Mode 4	CH01	-17.216	≤ 8
	CH06	-7.803	≤ 8
	CH11	-17.917	≤ 8
Mode 5	CH03	-22.355	≤ 8
	CH06	-17.360	≤ 8
	CH09	-20.908	≤ 8









4.2.7 電波暴露量之評估

合格標準:

若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符合電波暴露量之要求。限制值如下：

5.20.2.1 職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3~3.0	614	1.63	*100	6
3~30	1842/f	4.89/f	*900/f ²	6
30~300	61.4	0.163	1.0	6
300~1,500	-----	-----	f/300	6
1,500~100,000	-----	-----	5.0	6

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5.20.2.2 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3~1.34	614	1.63	*100	30
1.34~30	824/f	2.19/f	*180/f ²	30
30~300	27.5	0.073	0.2	30
300~1,500	-----	-----	f/1500	30
1,500~100,000	-----	-----	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

判定結果:

Power setting 1_Antenna Type: PCB Trace Antenna

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
IEEE 802.11b	2412	1	20	16.36	0.99	1.26	1	54.497	0.0108
	2437	1	20	16.17	0.99	1.26	1	52.164	0.0104
	2462	1	20	16.53	0.99	1.26	1	56.672	0.0113
IEEE 802.11g	2412	1	20	9.46	0.99	1.26	1	11.127	0.0022
	2437	1	20	17.04	0.99	1.26	1	63.734	0.0127
	2462	1	20	11.52	0.99	1.26	1	17.880	0.0036
IEEE 802.11n 20 MHz	2412	1	20	8.91	0.99	1.26	1	9.803	0.0020
	2437	1	20	17.38	0.99	1.26	1	68.924	0.0137
	2462	1	20	10.86	0.99	1.26	1	15.359	0.0031
IEEE 802.11n 40 MHz	2422	1	20	6.95	0.99	1.26	1	6.243	0.0012
	2437	1	20	10.50	0.99	1.26	1	14.137	0.0028
	2452	1	20	7.72	0.99	1.26	1	7.454	0.0015

Power setting 2_Antenna Type: Heavy Duty Screw Mount Antenna

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
IEEE 802.11b	2412	1	20	14.39	4.1	2.57	1	70.621	0.0140
	2437	1	20	16.17	4.1	2.57	1	106.398	0.0212
	2462	1	20	15.57	4.1	2.57	1	92.669	0.0184
IEEE 802.11g	2412	1	20	7.44	4.1	2.57	1	14.254	0.0028
	2437	1	20	17.04	4.1	2.57	1	129.997	0.0259
	2462	1	20	7.20	4.1	2.57	1	13.488	0.0027
IEEE 802.11n 20 MHz	2412	1	20	7.56	4.1	2.57	1	14.653	0.0029
	2437	1	20	17.38	4.1	2.57	1	140.583	0.0280
	2462	1	20	6.56	4.1	2.57	1	11.639	0.0023
IEEE 802.11n 40 MHz	2422	1	20	3.73	4.1	2.57	1	6.066	0.0012
	2437	1	20	8.05	4.1	2.57	1	16.403	0.0033
	2452	1	20	5.12	4.1	2.57	1	8.355	0.0017