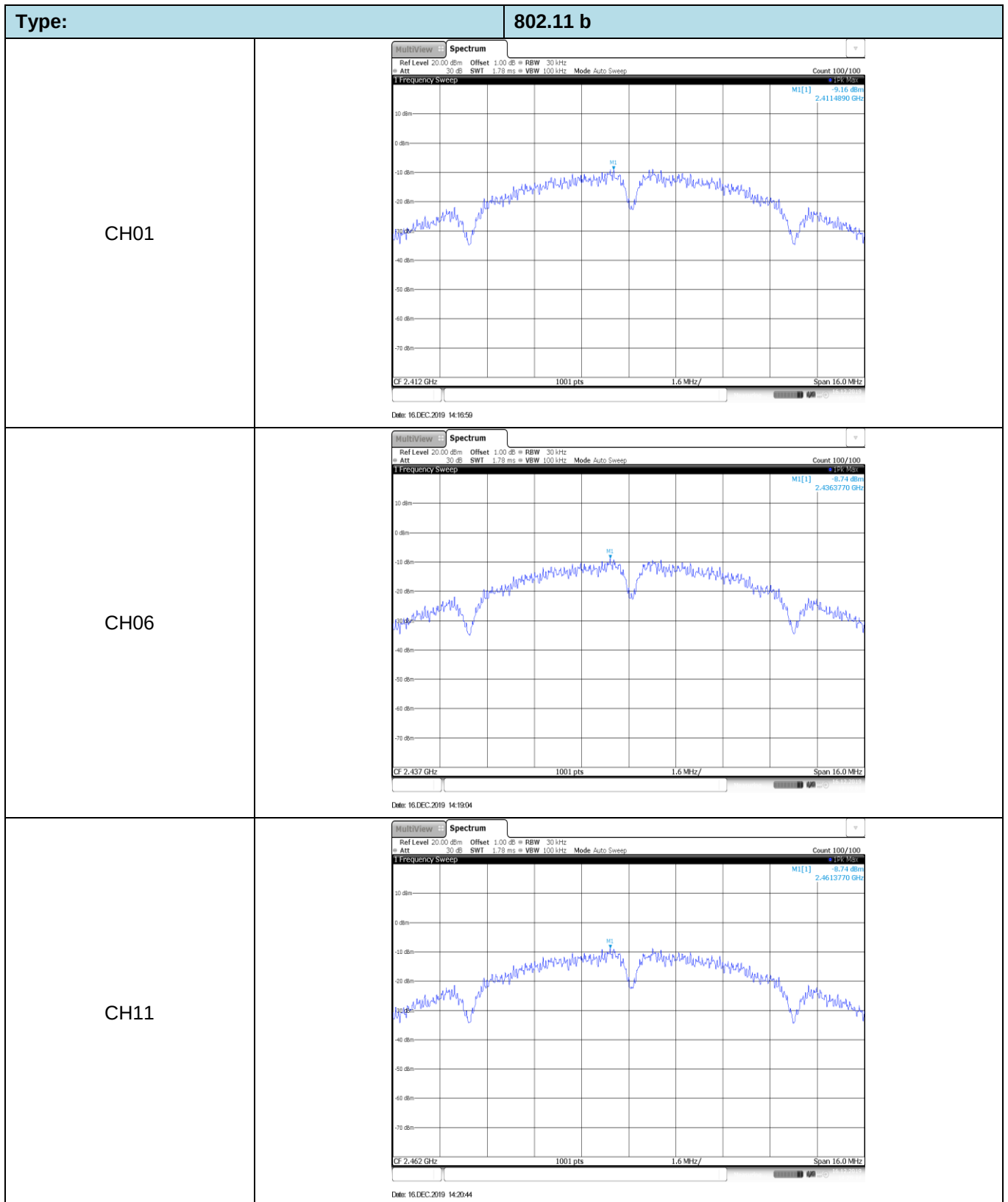


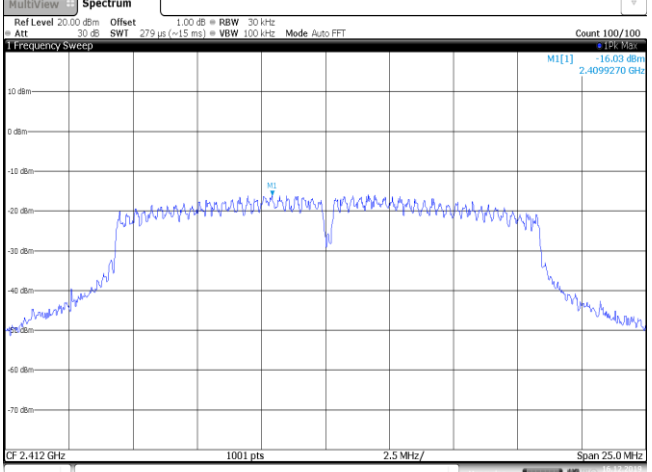
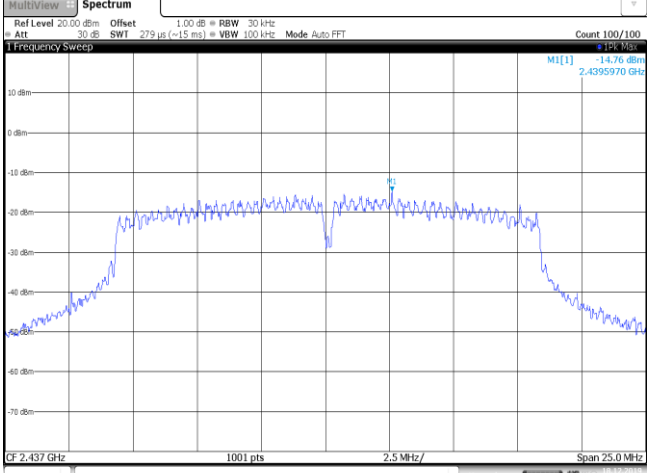
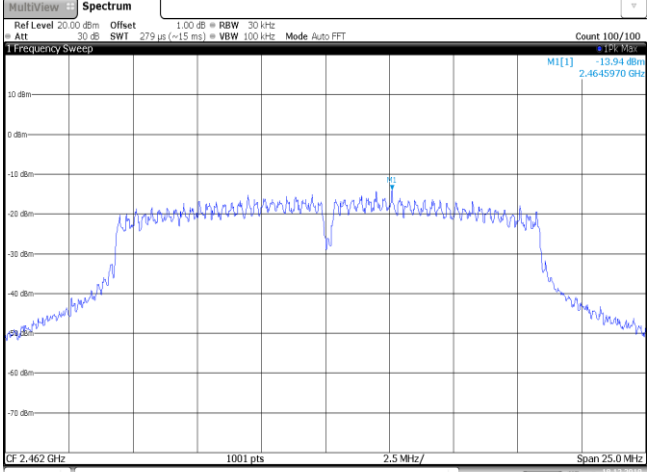
Appendix A: Conducted Peak Output Power

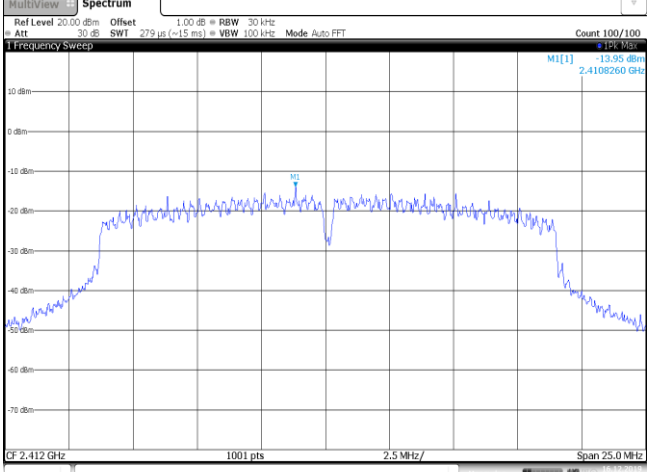
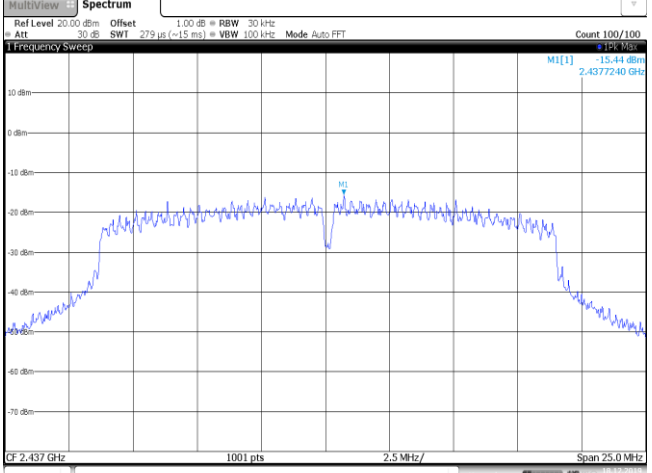
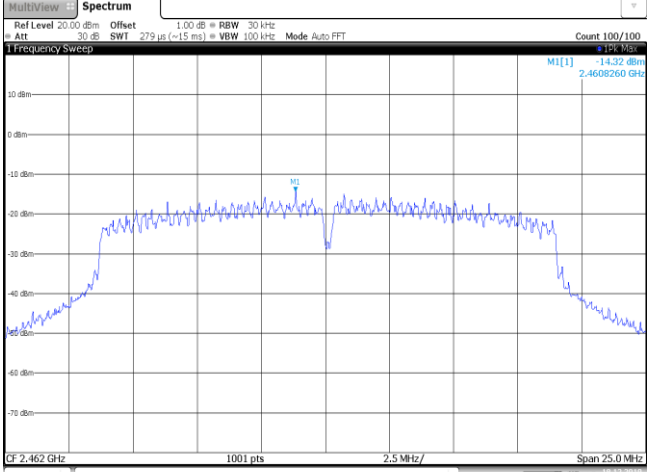
Type	Channel	Peak Output power (dBm)	Limit (dBm)	Result
802.11b	01	7.28	≤30.00	Pass
	06	7.50		
	11	7.96		
802.11g	01	8.83	≤30.00	Pass
	06	8.84		
	11	9.64		
802.11n(HT20)	01	9.17	≤30.00	Pass
	06	8.50		
	11	9.69		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	-9.16	≤8.00	Pass
	06	-8.74		
	11	-8.74		
802.11g	01	-16.03	≤8.00	Pass
	06	-14.76		
	11	-13.94		
802.11n(HT20)	01	-13.95	≤8.00	Pass
	06	-15.44		
	11	-14.32		

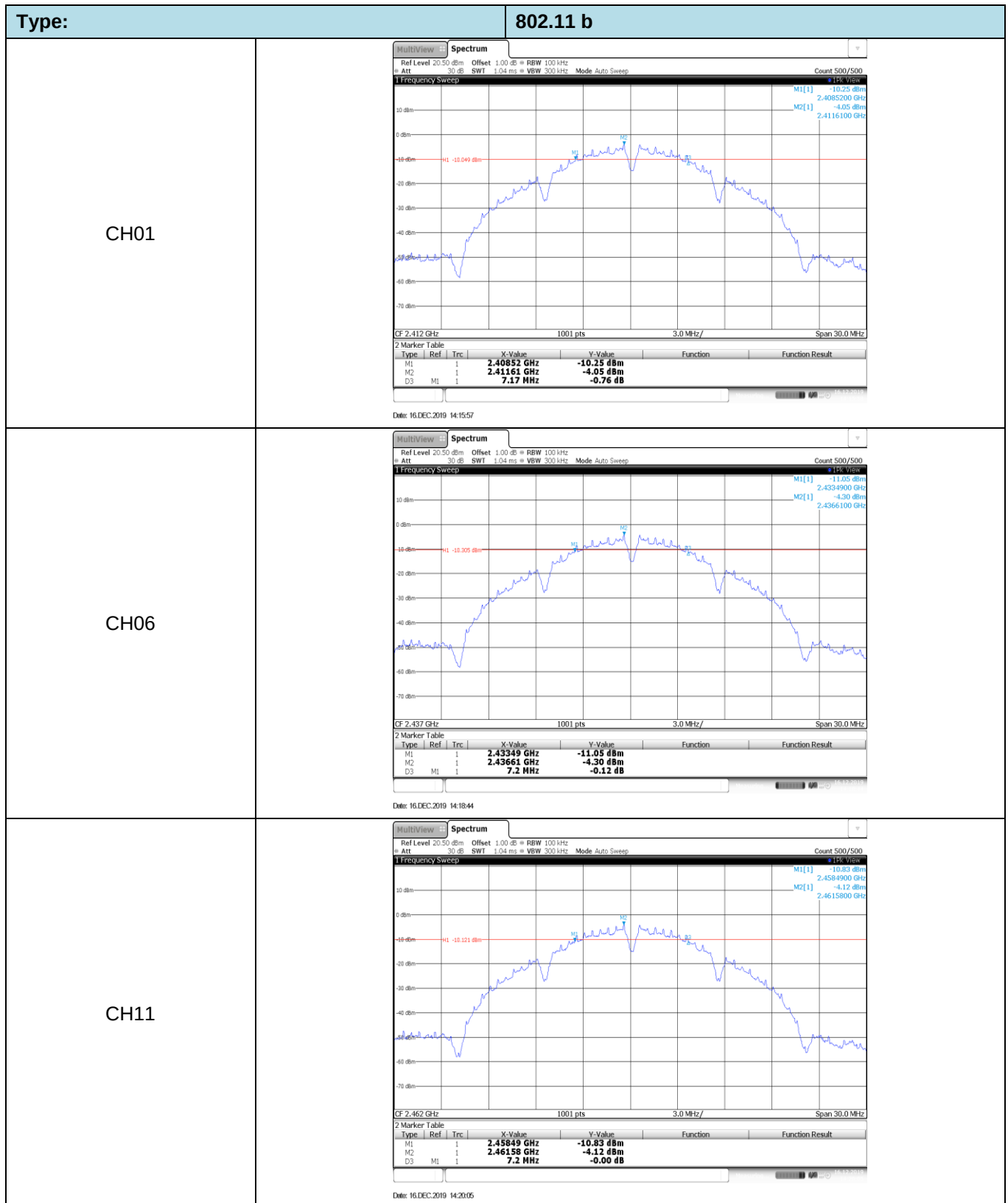


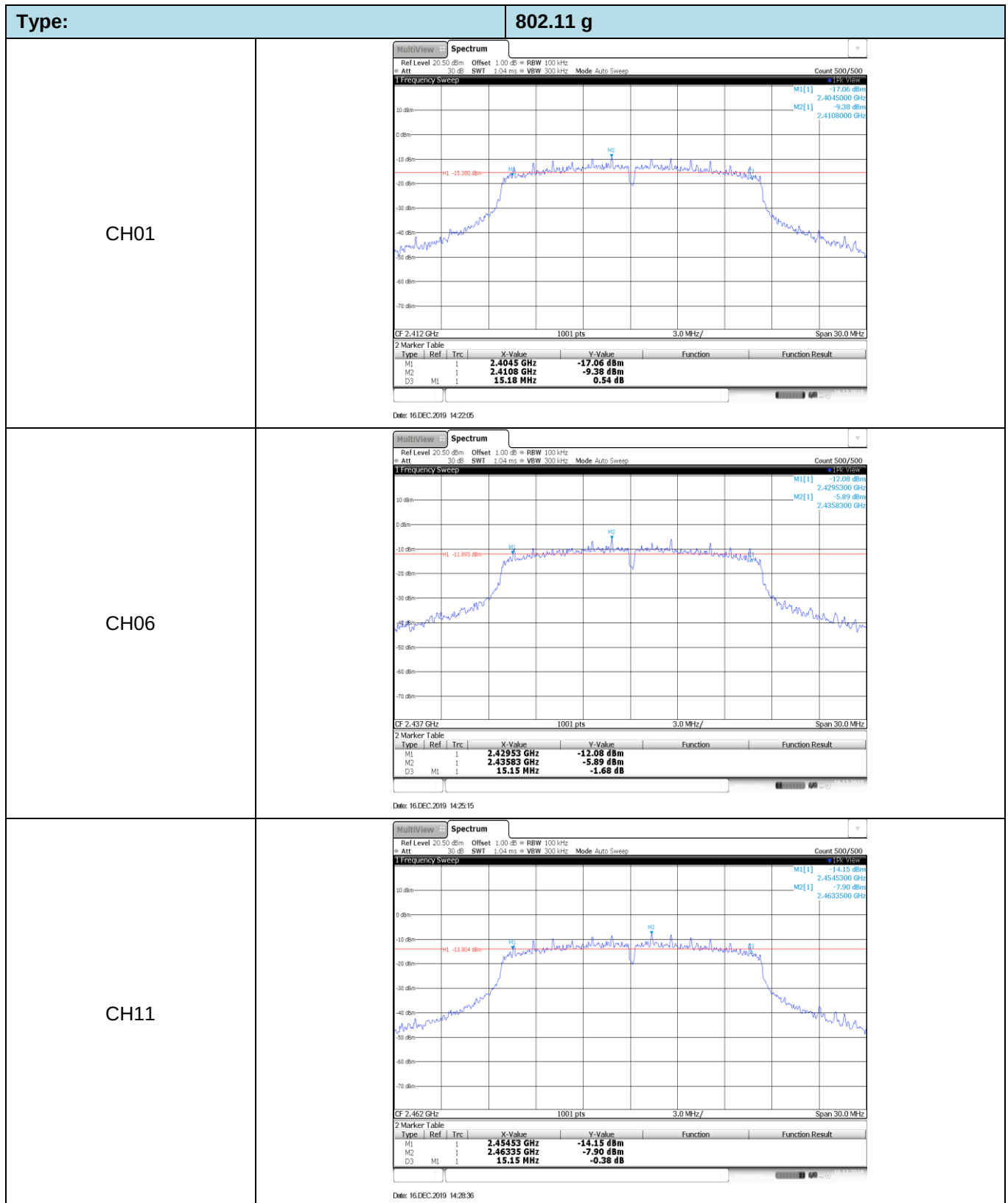
Type:	802.11 g
CH01	 16.DEC.2019 14:22:28
CH06	 18.DEC.2019 09:07:27
CH11	 18.DEC.2019 09:10:30

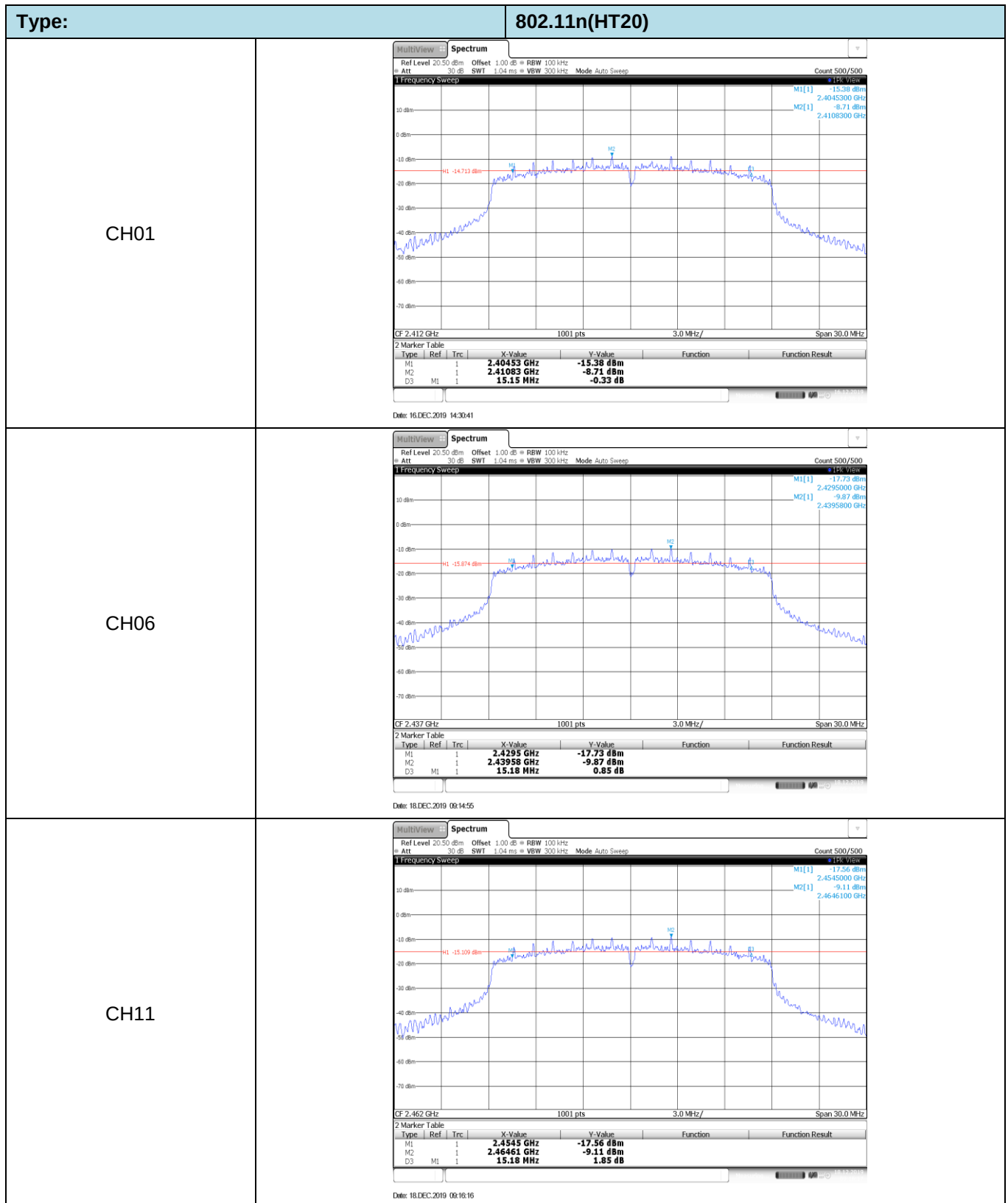
Type:	802.11n(HT20)
CH01	 16.DEC.2019 14:31:02
CH06	 16.DEC.2019 09:14:03
CH11	 16.DEC.2019 09:15:44

Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	7.17	≥0.5	Pass
	06	7.20		
	11	7.20		
802.11g	01	15.18	≥0.5	Pass
	06	15.15		
	11	15.15		
802.11n(HT20)	01	15.15	≥0.5	Pass
	06	15.18		
	11	15.18		

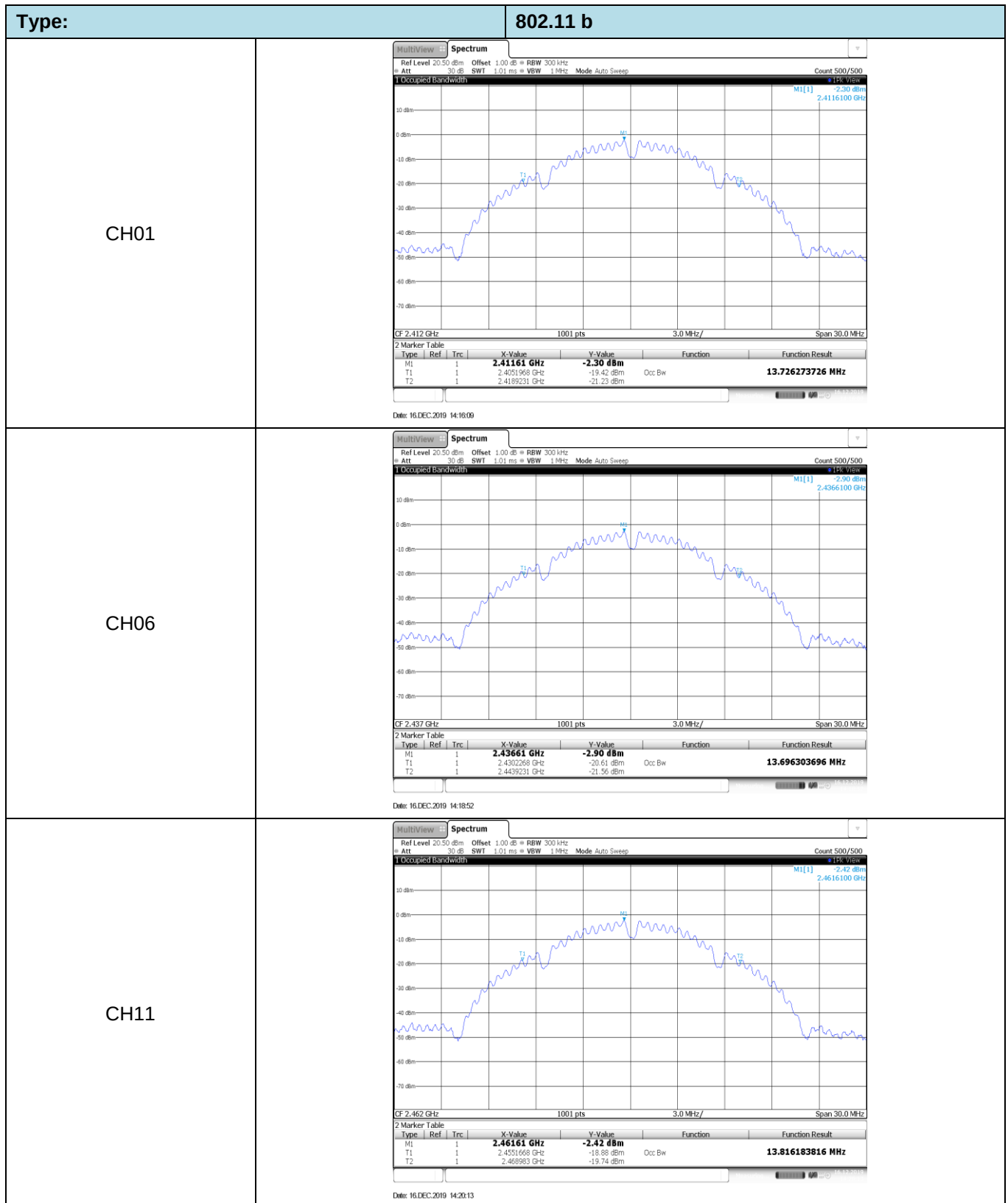


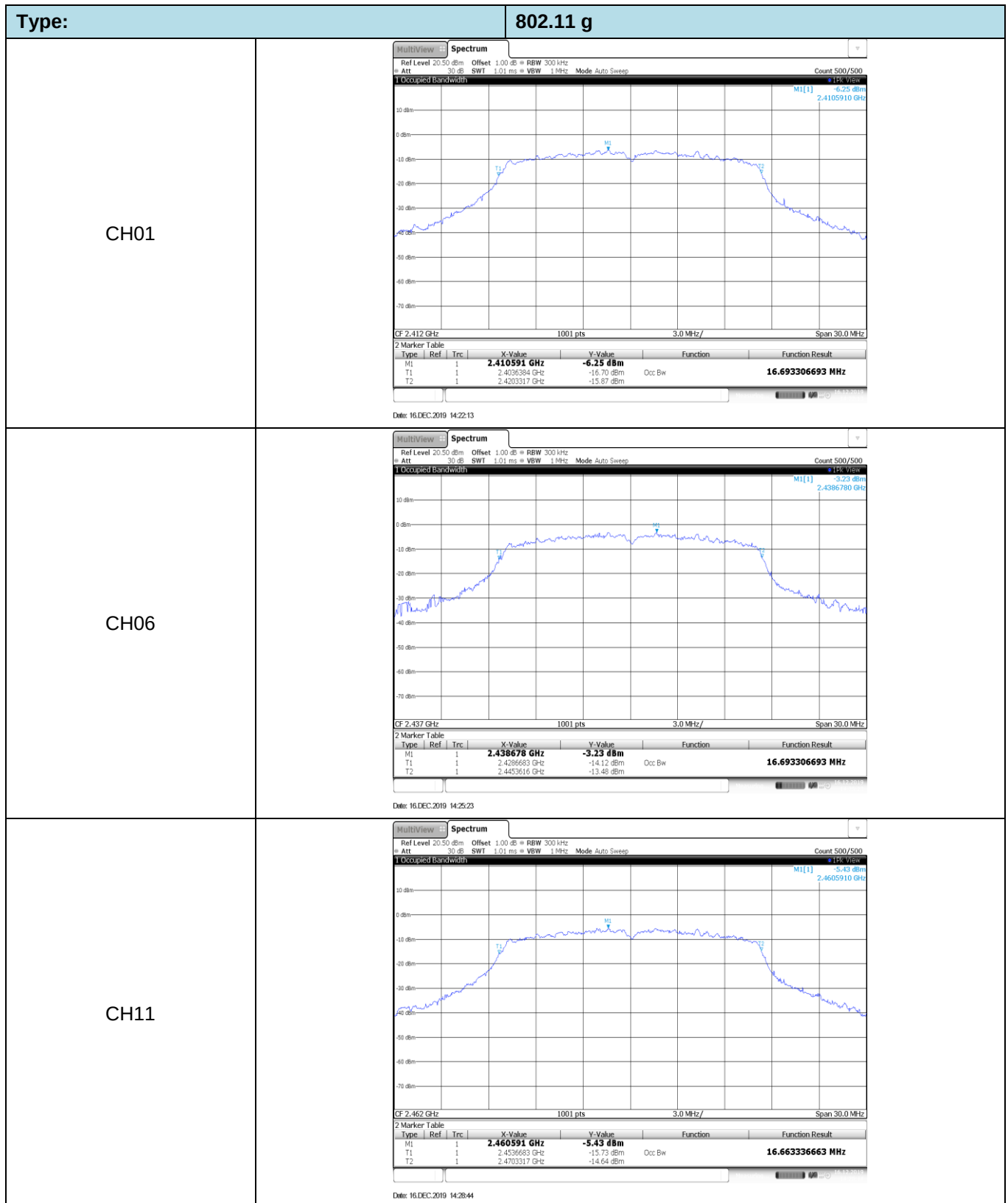


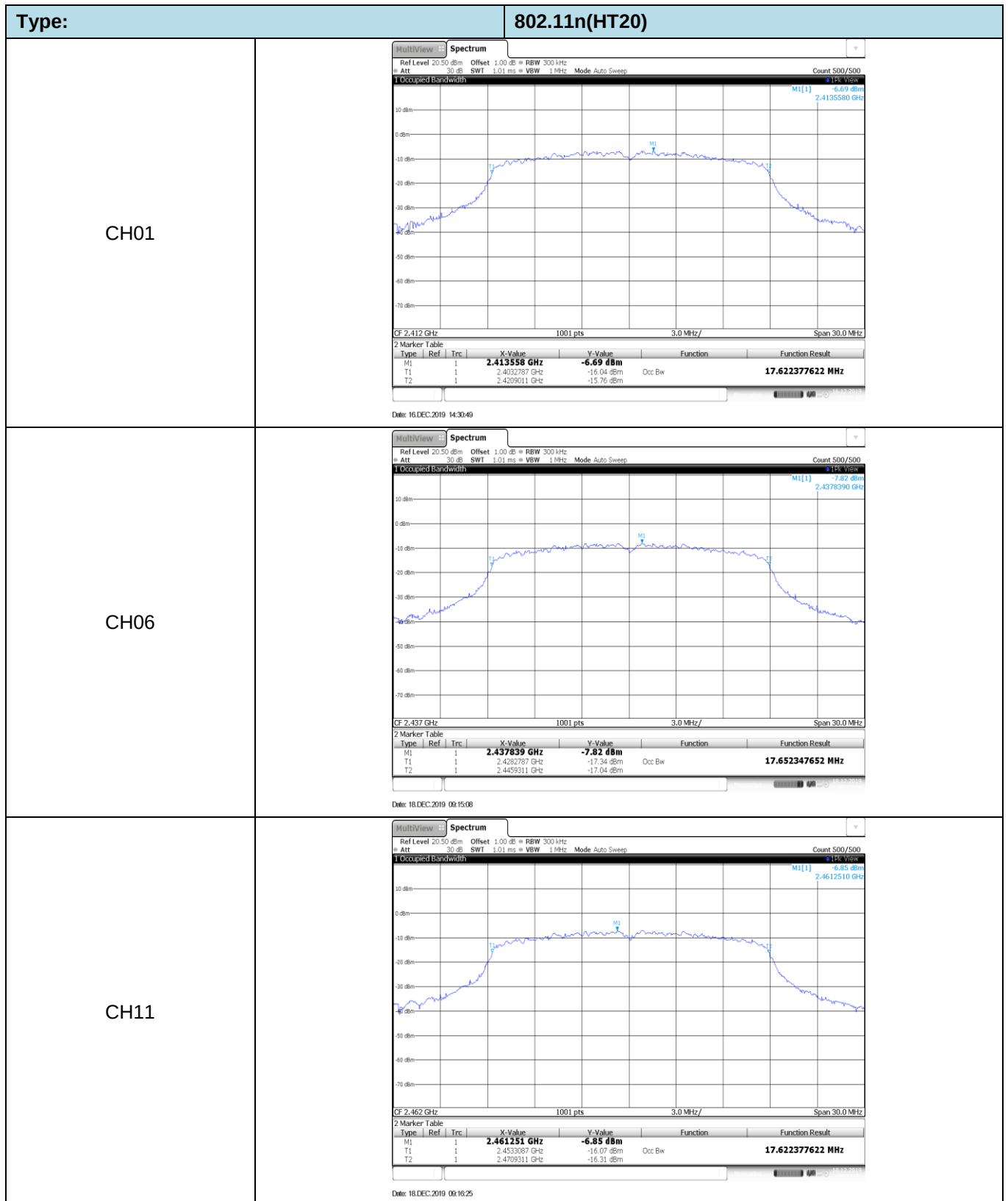


Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	13.73	-	Pass
	06	13.70		
	11	13.82		
802.11g	01	16.69	-	Pass
	06	16.69		
	11	16.66		
802.11n(HT20)	01	17.62	-	Pass
	06	17.65		
	11	17.62		



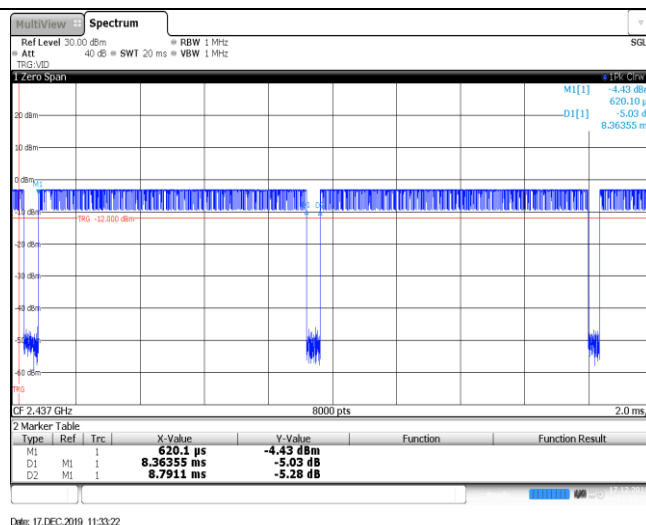




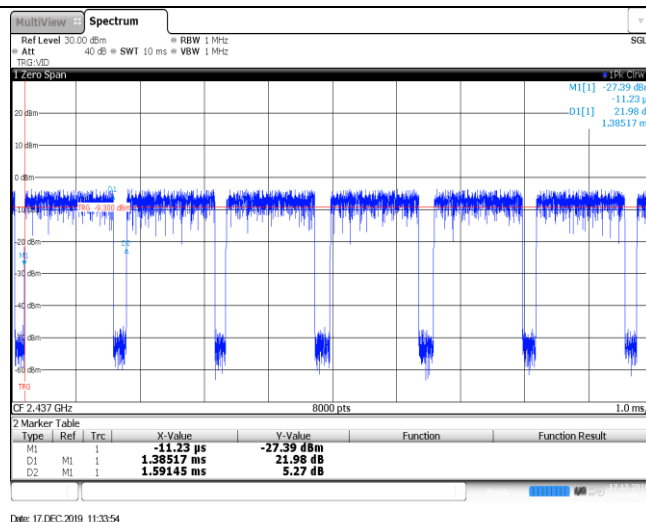
Appendix E: Duty Cycle

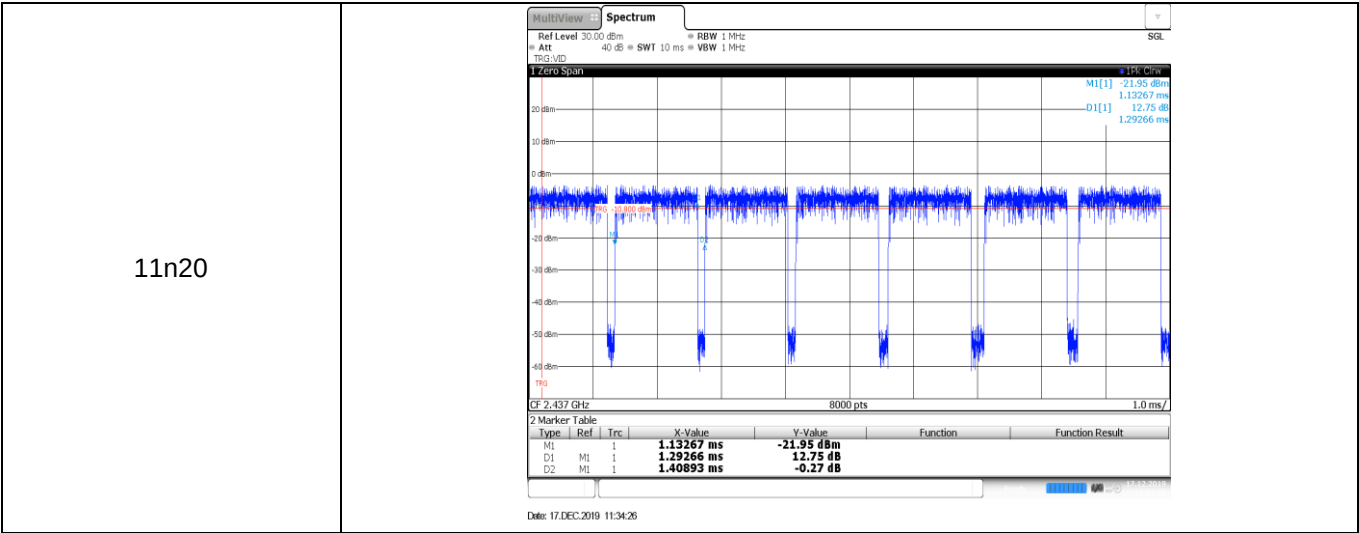
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	8.36	8.79	95.1%	0.1
11g	2437	1.39	1.59	87.4%	0.7
11n20	2437	1.29	1.41	91.5%	0.8

11b



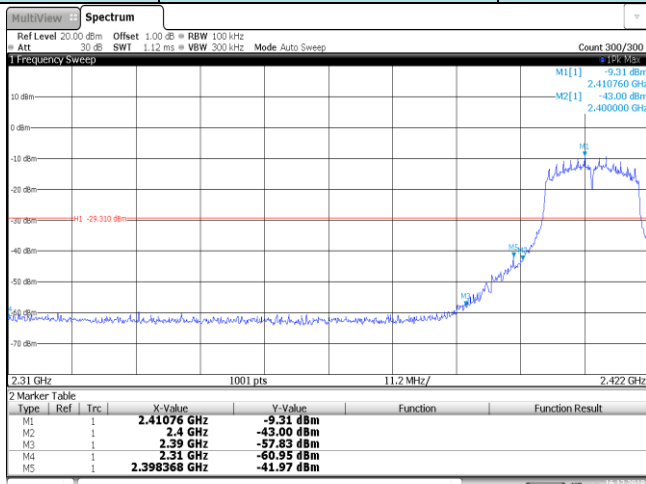
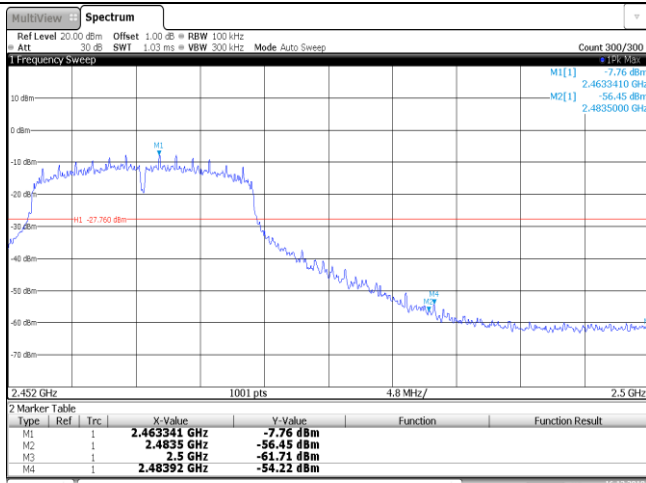
11g



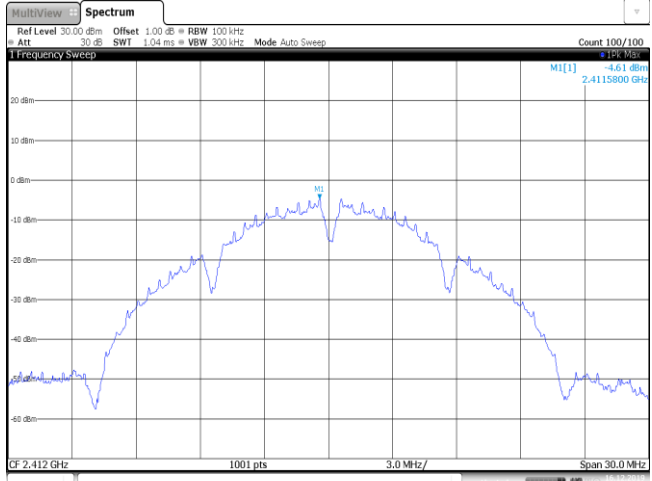
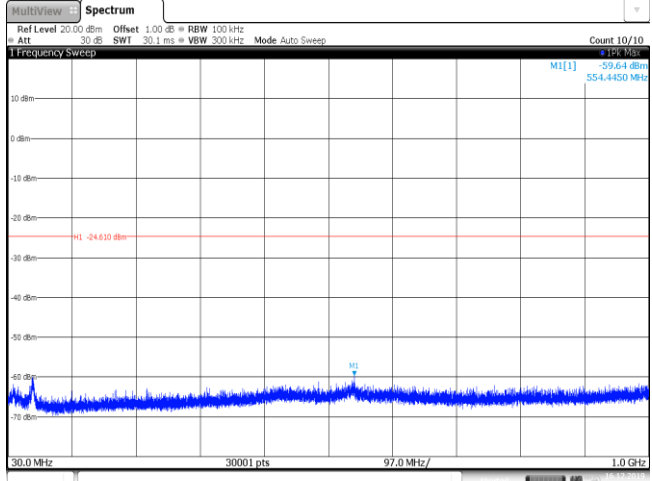
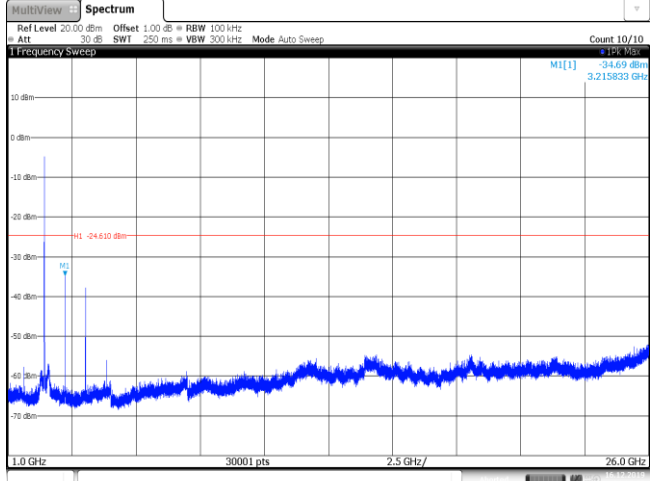


Appendix F: Band edge and Spurious Emissions (conducted)

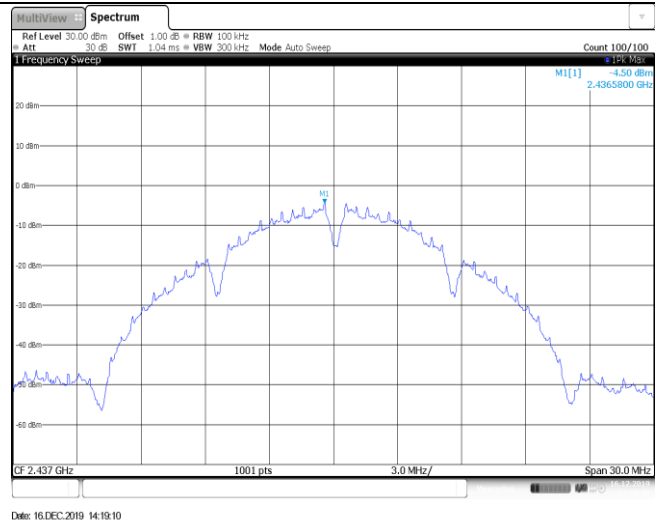
Test Item:	Bandedge	Type:	802.11 b
CH01	</		

Test Item:	Bandedge	Type:	802.11 g																																										
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.41076 GHz</td><td>-9.31 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-43.00 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-57.83 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-60.95 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.398368 GHz</td><td>-41.97 dBm</td><td></td><td></td></tr></table> Date: 16.DEC.2019 14:23:49			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41076 GHz	-9.31 dBm			M2	1		2.4 GHz	-43.00 dBm			M3	1		2.39 GHz	-57.83 dBm			M4	1		2.31 GHz	-60.95 dBm			M5	1		2.398368 GHz	-41.97 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41076 GHz	-9.31 dBm																																									
M2	1		2.4 GHz	-43.00 dBm																																									
M3	1		2.39 GHz	-57.83 dBm																																									
M4	1		2.31 GHz	-60.95 dBm																																									
M5	1		2.398368 GHz	-41.97 dBm																																									
CH11	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.463341 GHz</td><td>-7.76 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.45 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-61.71 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.48392 GHz</td><td>-54.22 dBm</td><td></td><td></td></tr></table> Date: 16.DEC.2019 14:29:34			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.463341 GHz	-7.76 dBm			M2	1		2.4835 GHz	-56.45 dBm			M3	1		2.5 GHz	-61.71 dBm			M4	1		2.48392 GHz	-54.22 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.463341 GHz	-7.76 dBm																																									
M2	1		2.4835 GHz	-56.45 dBm																																									
M3	1		2.5 GHz	-61.71 dBm																																									
M4	1		2.48392 GHz	-54.22 dBm																																									

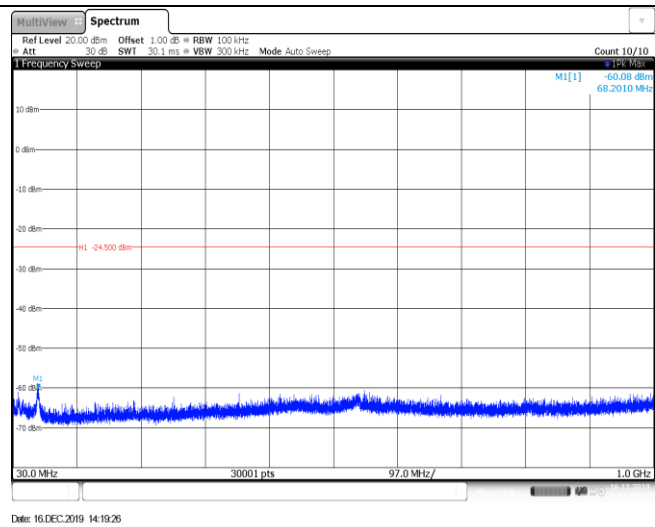
Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 30 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 M3 M4 M5 -29.300 dBm -9.30 dBm -41.75 dBm -58.13 dBm -62.41 dBm -40.18 dBm 2.31 GHz 2.41456 GHz 2.4 GHz 2.39 GHz 2.31 GHz 2.3996 GHz 2.422 GHz 1001 pts 11.2 MHz/ <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.41456 GHz</td><td>-9.30 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-41.75 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-58.13 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.41 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.3996 GHz</td><td>-40.18 dBm</td><td></td><td></td></tr></table> Date: 16.DEC.2019 14:31:11			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41456 GHz	-9.30 dBm			M2	1		2.4 GHz	-41.75 dBm			M3	1		2.39 GHz	-58.13 dBm			M4	1		2.31 GHz	-62.41 dBm			M5	1		2.3996 GHz	-40.18 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41456 GHz	-9.30 dBm																																									
M2	1		2.4 GHz	-41.75 dBm																																									
M3	1		2.39 GHz	-58.13 dBm																																									
M4	1		2.31 GHz	-62.41 dBm																																									
M5	1		2.3996 GHz	-40.18 dBm																																									
CH11	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 30 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 M3 M4 -29.420 dBm -8.42 dBm -56.40 dBm -61.82 dBm -55.86 dBm 2.452 GHz 2.464587 GHz 2.4835 GHz 2.5 GHz 2.483968 GHz 2.5 GHz 1001 pts 4.8 MHz/ <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.464587 GHz</td><td>-8.42 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-56.40 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-61.82 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483968 GHz</td><td>-55.86 dBm</td><td></td><td></td></tr></table> Date: 16.DEC.2019 14:30:42			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.464587 GHz	-8.42 dBm			M2	1		2.4835 GHz	-56.40 dBm			M3	1		2.5 GHz	-61.82 dBm			M4	1		2.483968 GHz	-55.86 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.464587 GHz	-8.42 dBm																																									
M2	1		2.4835 GHz	-56.40 dBm																																									
M3	1		2.5 GHz	-61.82 dBm																																									
M4	1		2.483968 GHz	-55.86 dBm																																									

Test Item:	SE	Type:	802.11 b
CH01 Reference level		 Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -46.1 dBm 2.4115800 GHz 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 16.DEC.2019 14:17:16	
CH01 30MHz~1000MHz		 Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -59.64 dBm 554.4450 MHz 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 16.DEC.2019 14:17:32	
CH01 1GHz~26GHz		 Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -44.60 dBm 3.215633 GHz 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 16.DEC.2019 14:18:08	

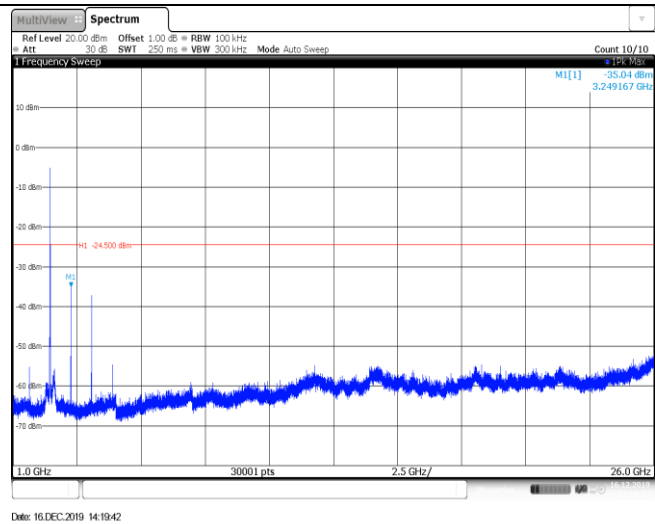
CH06
Reference level

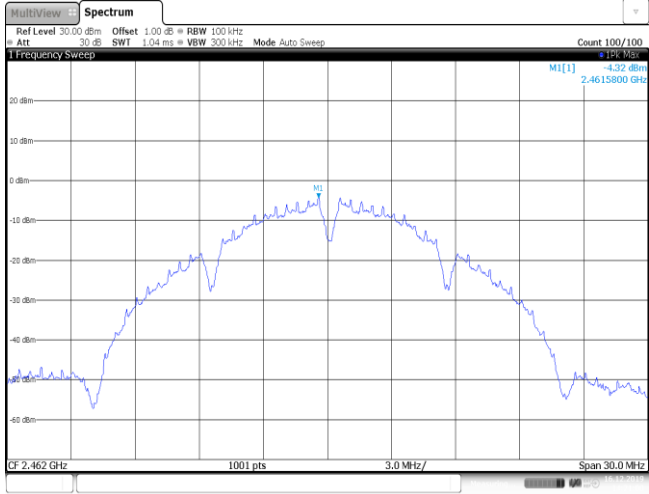
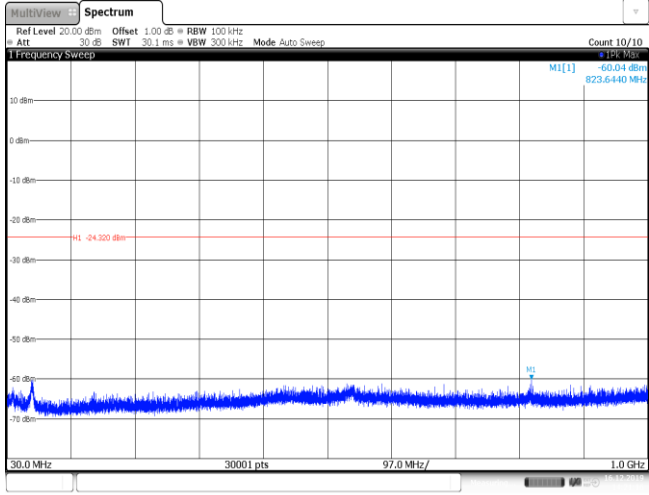
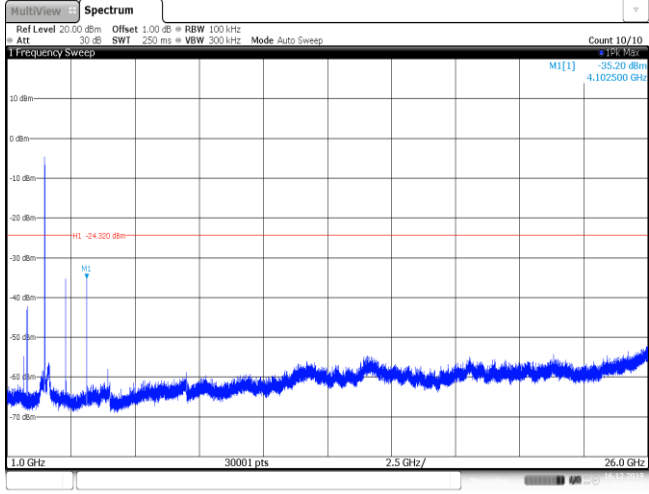


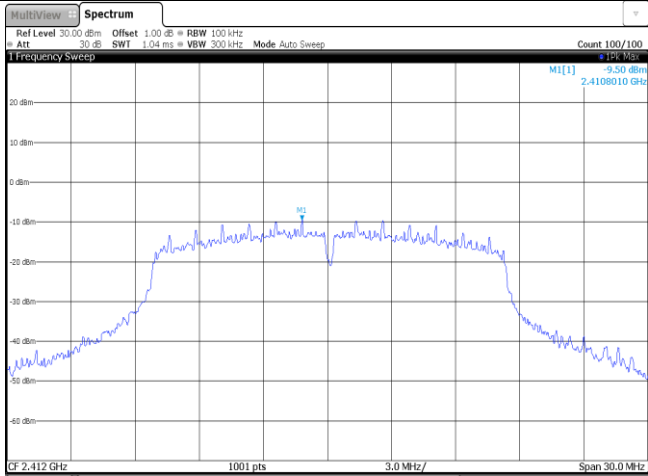
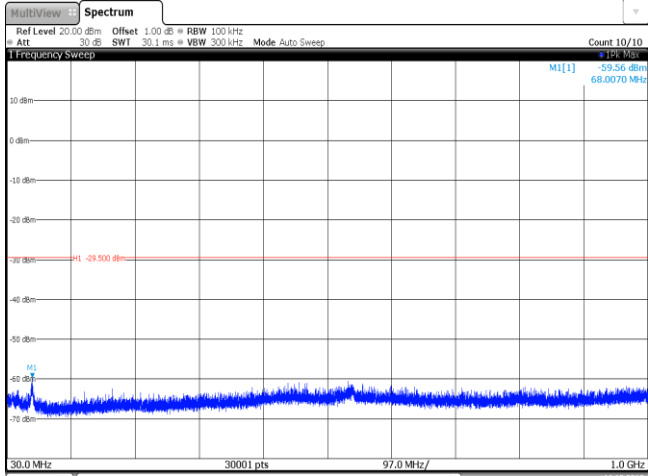
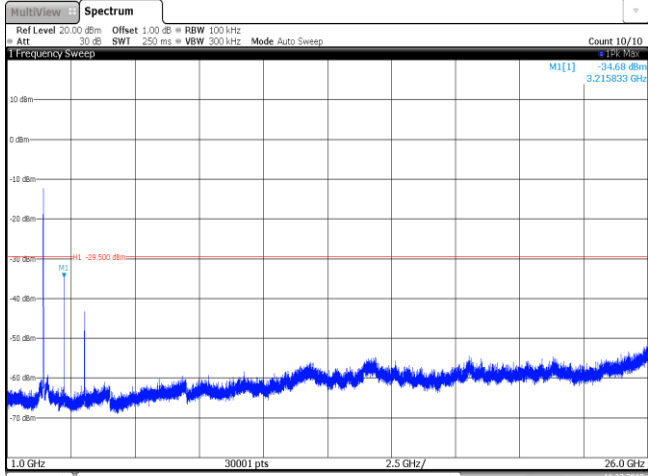
CH06
30MHz~1000MHz

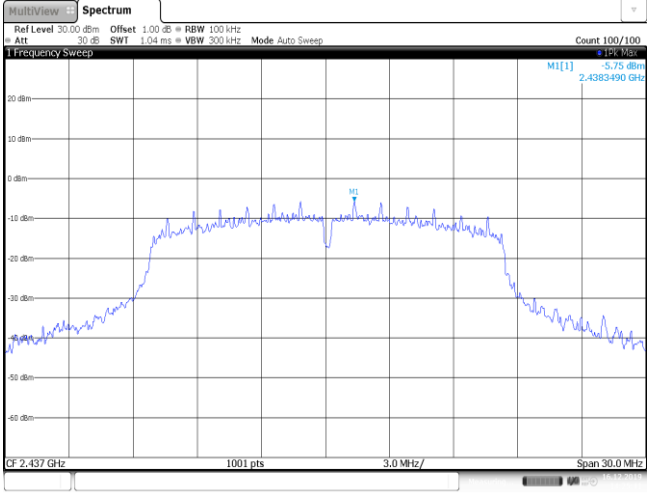
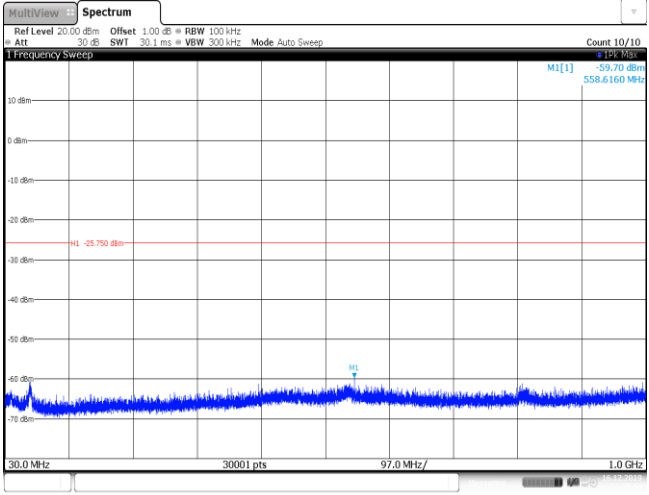
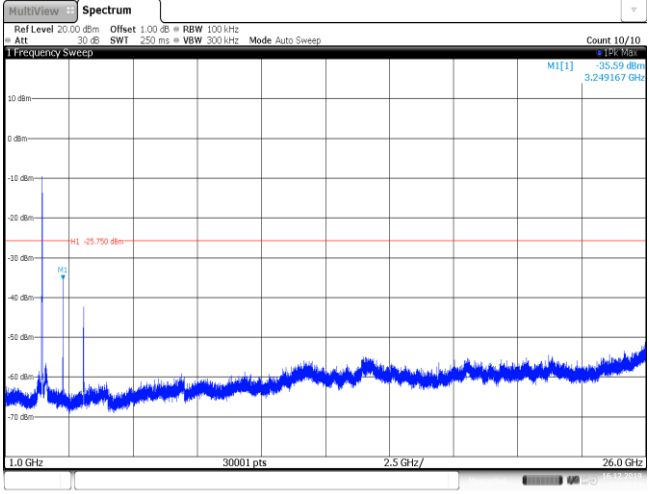


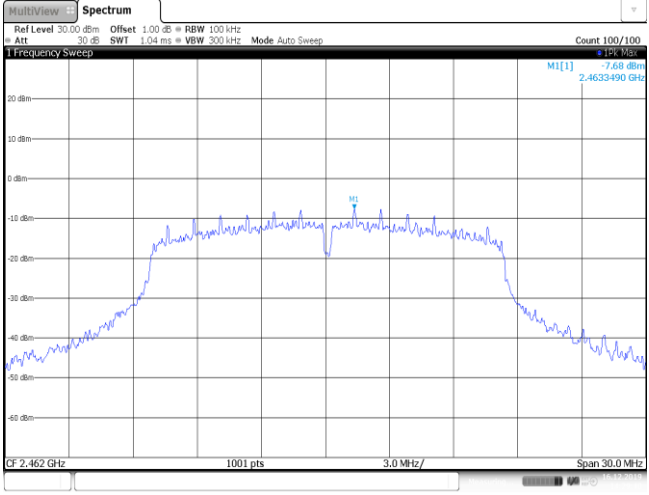
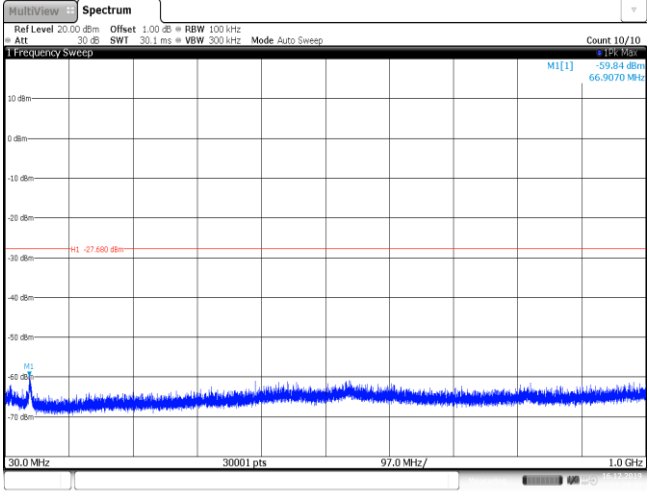
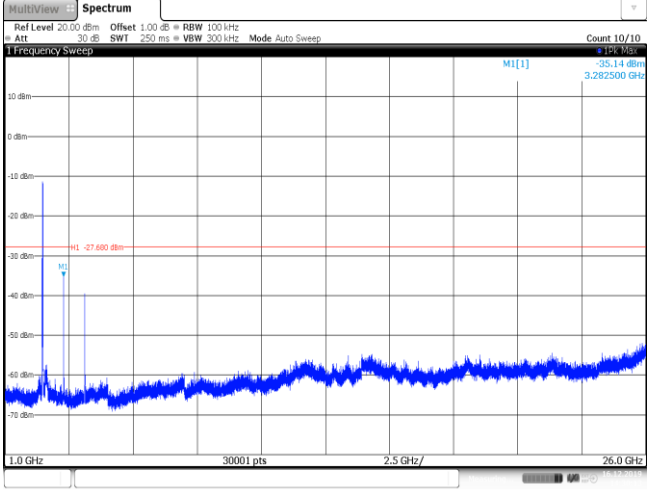
CH06
1GHz~26GHz

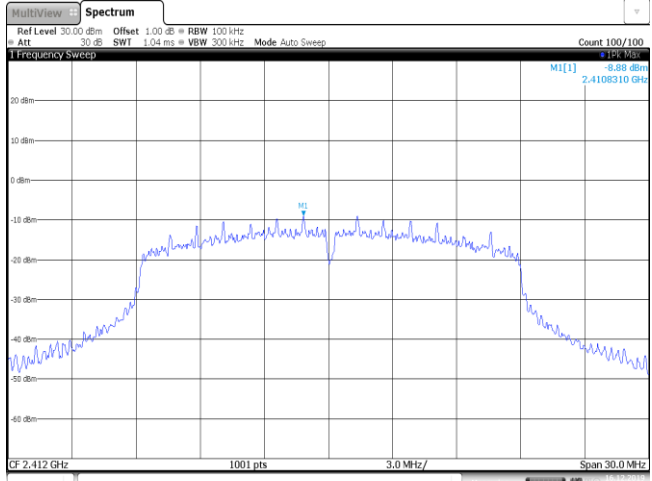
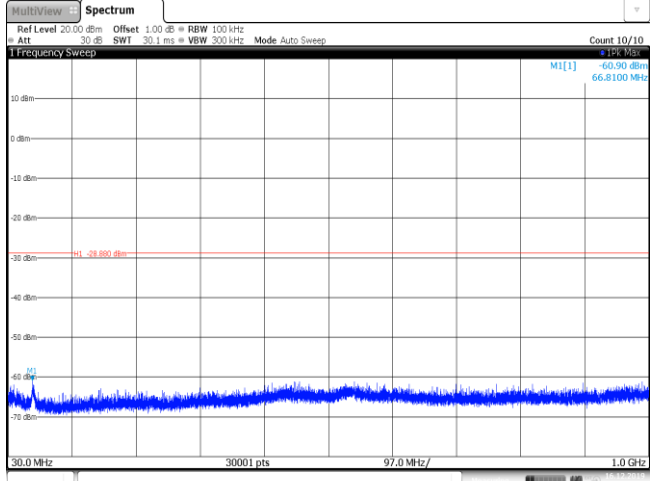
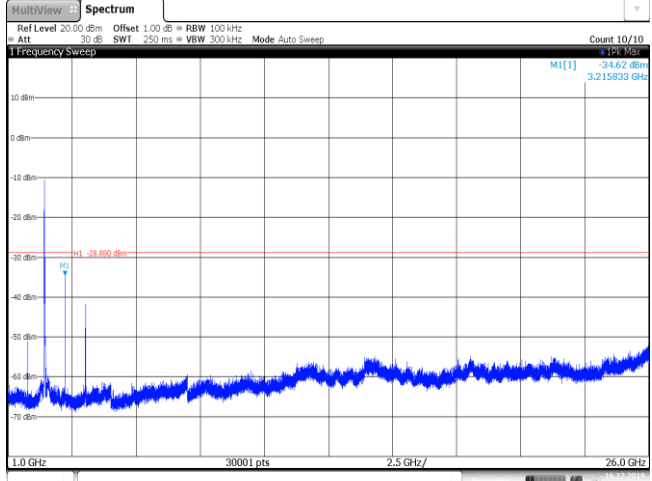


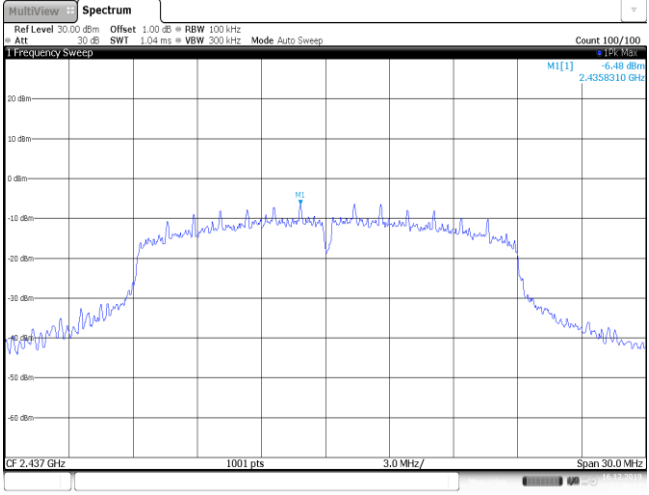
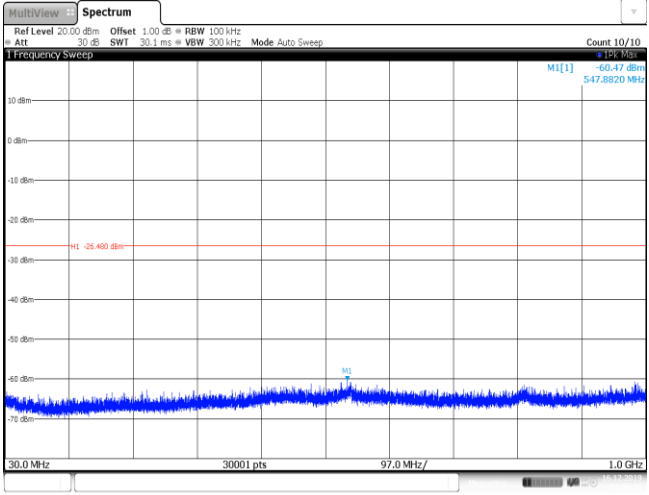
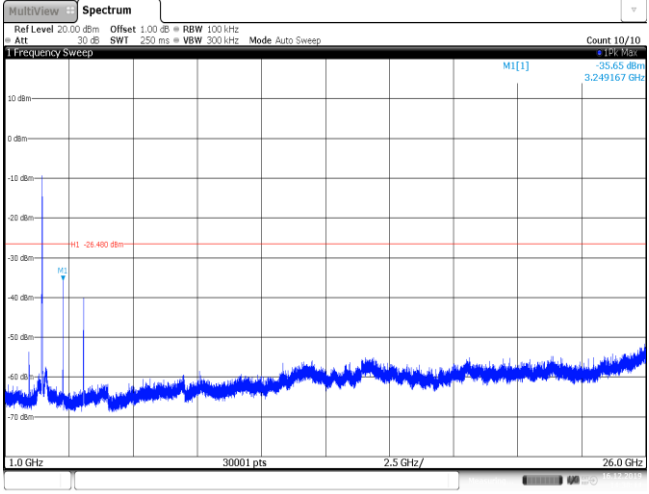
CH11 Reference level	 Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] -43.2 dBm 2.461800 GHz N2 CF 2.462 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 16.DEC.2019 14:21:00
CH11 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -60.04 dBm 823.6440 MHz H1 -24.320 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 16.DEC.2019 14:21:16
CH11 1GHz~26GHz	 Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWF 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -35.20 dBm 4.102500 GHz H1 -24.320 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 16.DEC.2019 14:21:32

Test Item:	SE	Type:	802.11 g
CH01 Reference level		 CH01 Reference level	
CH01 30MHz~1000MHz		 CH01 30MHz~1000MHz	
CH01 1GHz~26GHz		 CH01 1GHz~26GHz	

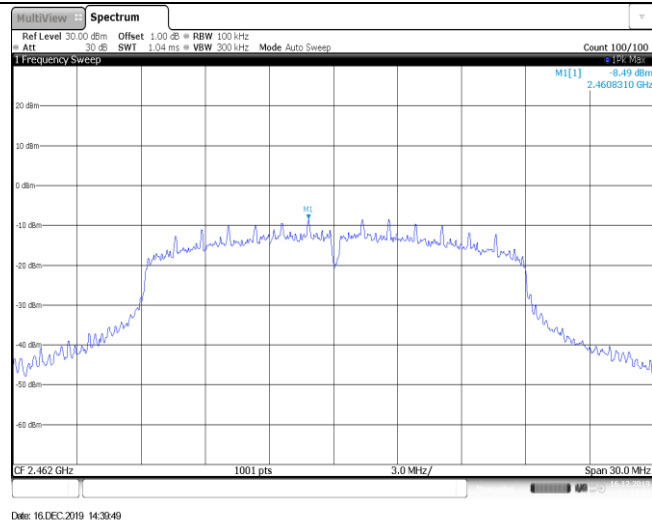
CH06 Reference level	 The spectrum plot shows a signal centered at 2.437 GHz. The y-axis represents power in dBm, ranging from -40 to 20. The x-axis represents frequency in MHz, with a span of 30.0 MHz. The signal is a broad peak with some noise. The date is 16.DEC.2019 14:25:42.
CH06 30MHz~1000MHz	 The spectrum plot shows a signal centered at 558.6160 MHz. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in MHz, with a span of 1.0 GHz. The signal is a broad peak with some noise. The date is 16.DEC.2019 14:25:57.
CH06 1GHz~26GHz	 The spectrum plot shows a signal centered at 3.249167 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The x-axis represents frequency in GHz, with a span of 26.0 GHz. The signal is a broad peak with some noise. The date is 16.DEC.2019 14:26:14.

CH11 Reference level	 Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWF 1.04 ms VSW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -7.68 dBm 2.4633490 GHz CF 2.462 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 16.DEC.2019 14:29:40
CH11 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWF 30.1 ms VSW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -59.84 dBm 66.9070 MHz 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 16.DEC.2019 14:29:56
CH11 1GHz~26GHz	 Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWF 250 ms VSW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -35.14 dBm 3.282500 GHz 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 16.DEC.2019 14:30:13

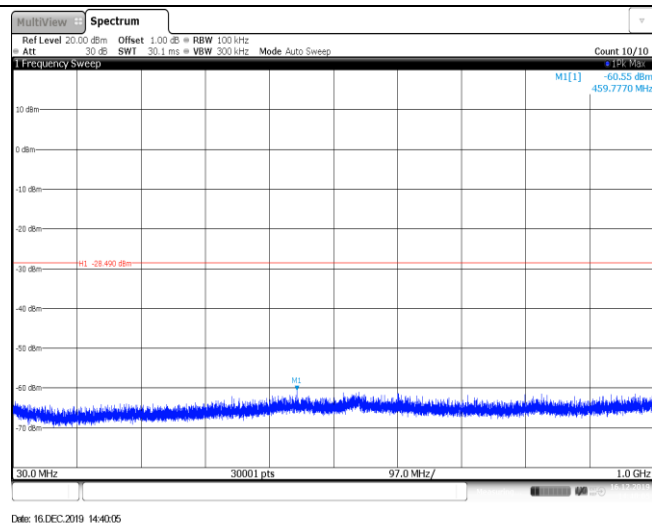
Test Item:	SE	Type:	802.11 n(HT20)
CH01 Reference level			
CH01 30MHz~1000MHz			
CH01 1GHz~26GHz			

CH06 Reference level	 The spectrum plot shows a signal centered at 2.437 GHz with a span of 30.0 MHz. The y-axis represents power in dBm, ranging from -60 to 20. The signal is a noisy burst with a peak level around -10 dBm. The plot includes a grid and various measurement parameters at the top. Date: 16.DEC.2019 14:38:11
CH06 30MHz~1000MHz	 The spectrum plot shows a signal centered at 547.8820 MHz with a span of 30.0 MHz. The y-axis represents power in dBm, ranging from -70 to 10. The signal is a noisy burst with a peak level around -60 dBm. A red horizontal line is drawn at -25.400 dBm. The plot includes a grid and various measurement parameters at the top. Date: 16.DEC.2019 14:38:27
CH06 1GHz~26GHz	 The spectrum plot shows a signal centered at 3.249167 GHz with a span of 26.0 GHz. The y-axis represents power in dBm, ranging from -70 to 10. The signal is a noisy burst with a peak level around -35.65 dBm. A red horizontal line is drawn at -25.400 dBm. The plot includes a grid and various measurement parameters at the top. Date: 16.DEC.2019 14:38:44

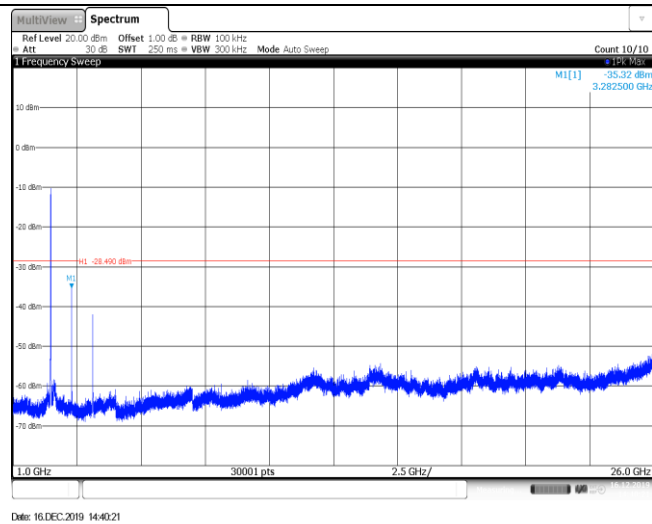
CH11
Reference level



CH11
30MHz~1000MHz



CH11
1GHz~26GHz



-----End of Report-----