

APPENDIX REPORT

Project No.	SHT2101090701EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT21010907009	Model No.	i-Scan
Start test date	2021-02-08	Finish date	2021-02-08
Temperature	25.9°C	Humidity	45%
Test Engineer	Hailey Chen	Auditor	Xiaodong Zheo

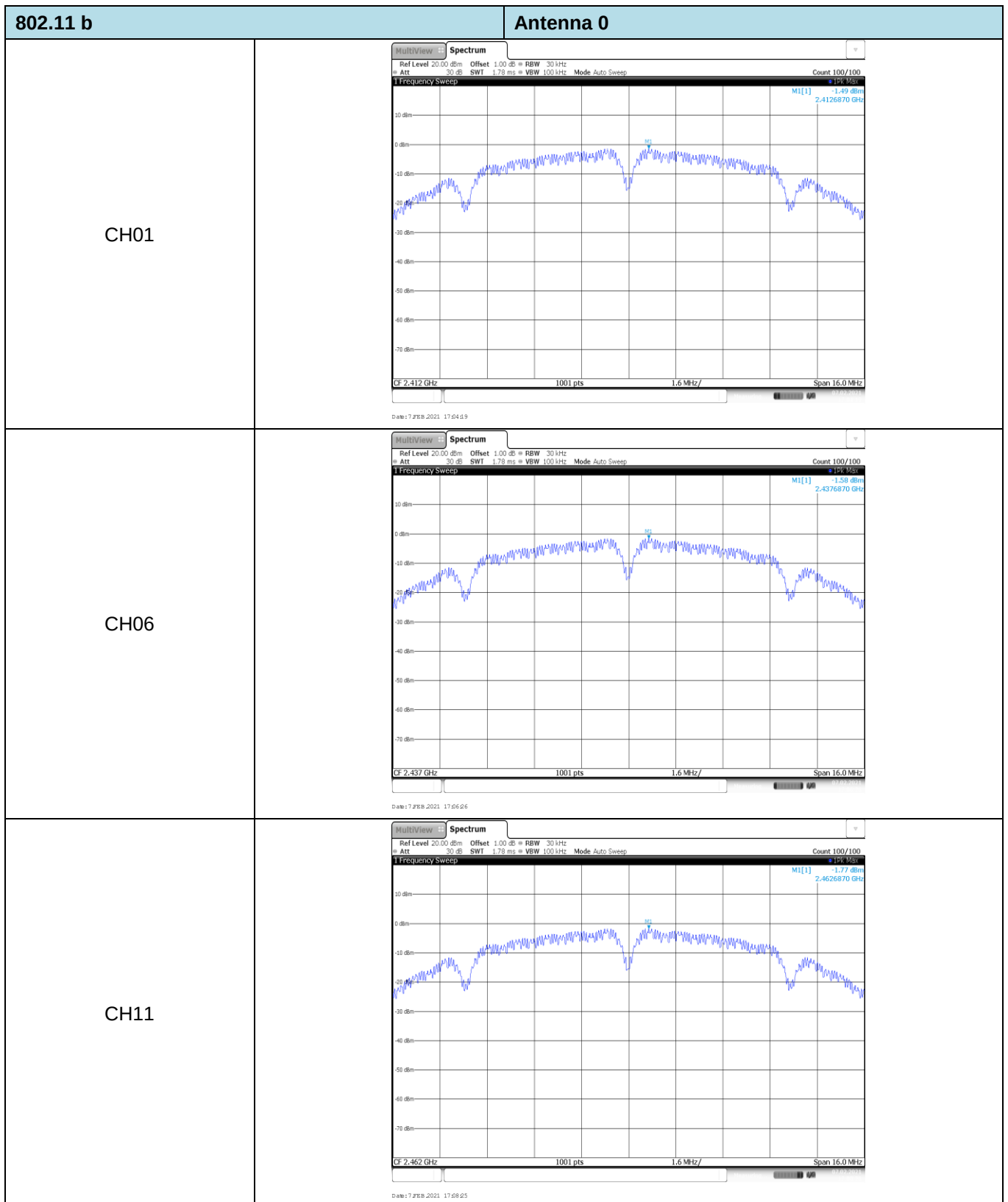
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions(coducted)	PASS

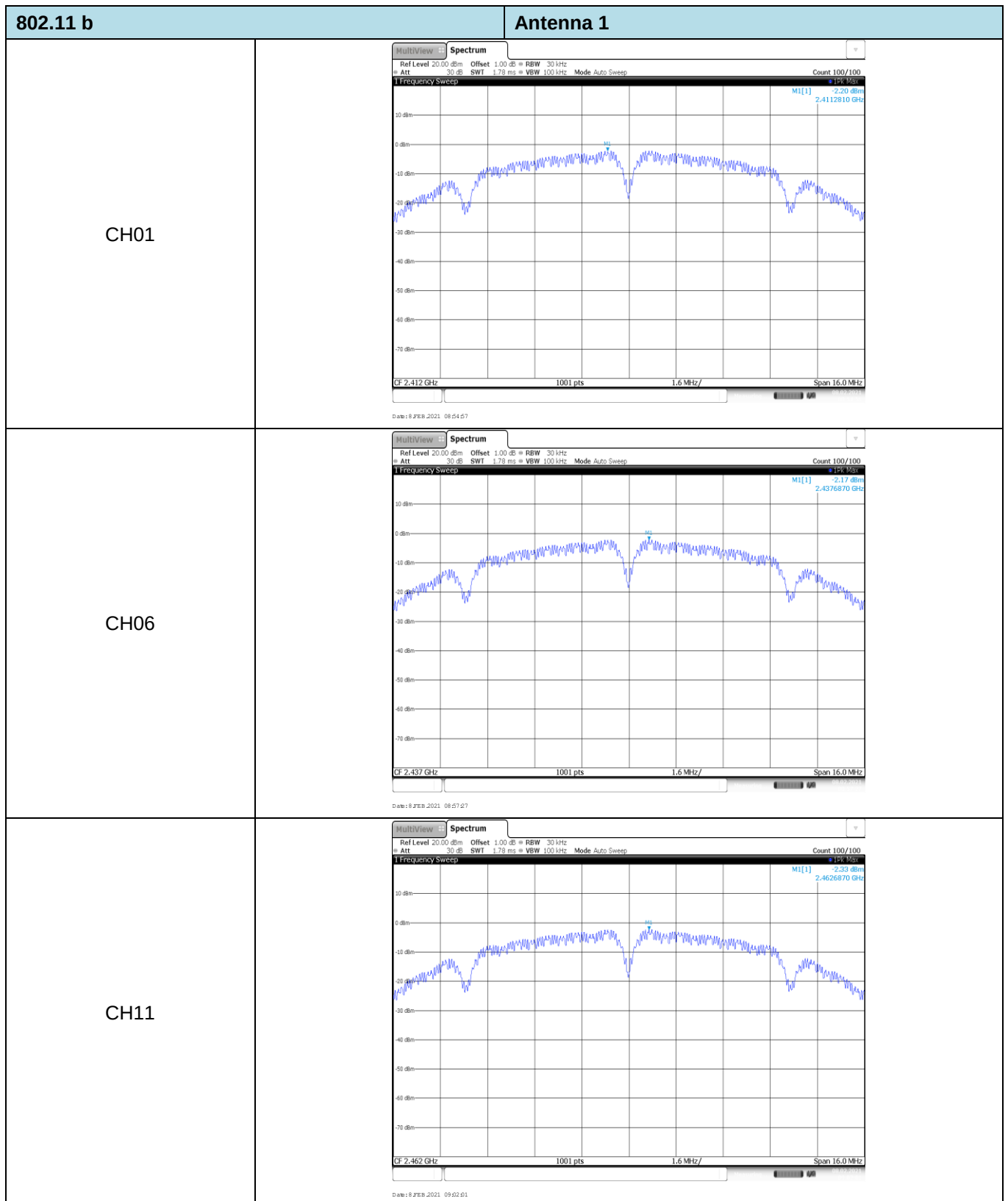
Appendix A: Conducted Peak Output Power

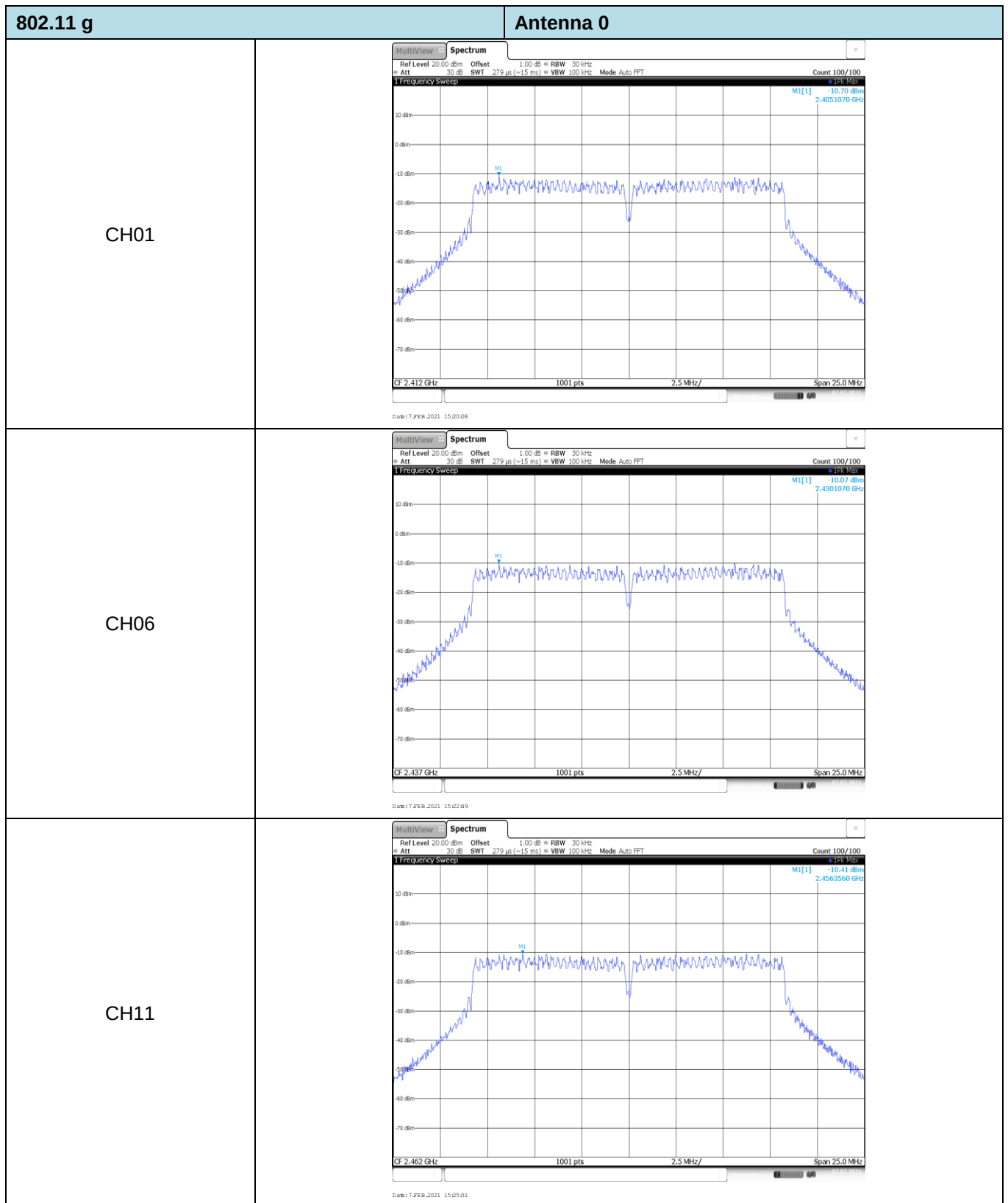
Type	Channel	Peak Output power (dBm)			Average Output power (dBm)			Limit (dBm)	Result
		Antenna 0	Antenna 1	Total	Antenna 0	Antenna 1	Total		
802.11b	01	17.30	16.38	-	14.81	13.87	-	≤30.00	Pass
	06	16.82	15.87	-	14.33	13.36	-		
	11	16.30	15.42	-	13.82	12.81	-		
802.11g	01	14.93	14.33	-	12.10	11.49	-	≤30.00	Pass
	06	14.71	14.23	-	11.80	11.30	-		
	11	14.30	13.91	-	11.43	10.89	-		
802.11n(HT20)	01	11.80	11.02	14.43	8.80	7.96	11.41	≤30.00	Pass
	06	11.46	10.68	14.13	8.36	7.71	11.06		
	11	11.33	10.49	13.93	7.83	7.58	10.72		
802.11n(HT40)	03	10.63	11.32	13.97	7.62	8.29	10.82	≤30.00	Pass
	06	10.48	10.02	13.27	7.46	7.04	10.27		
	09	10.25	9.76	13.07	7.24	6.78	10.03		

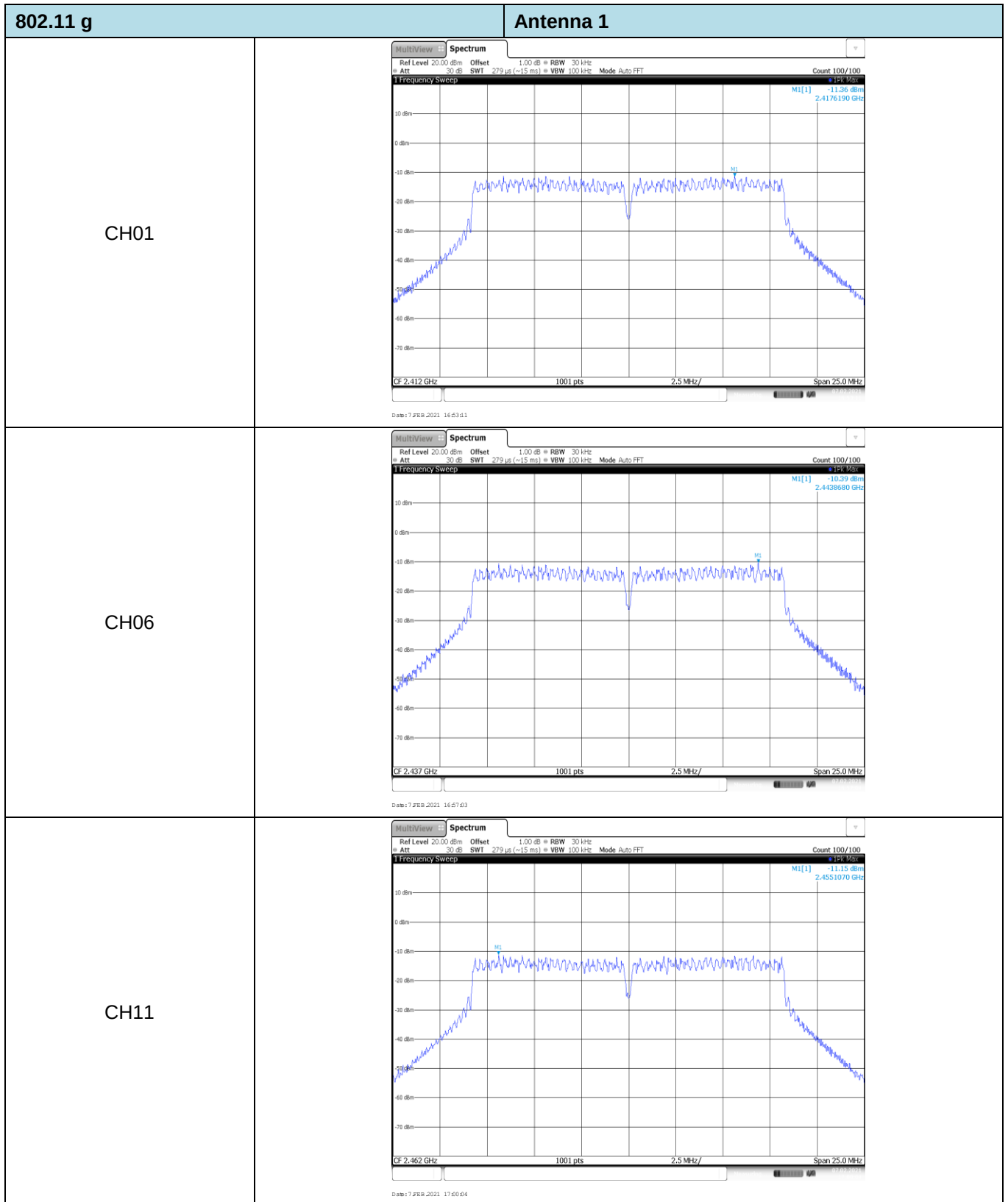
Appendix B: Power Spectral Density

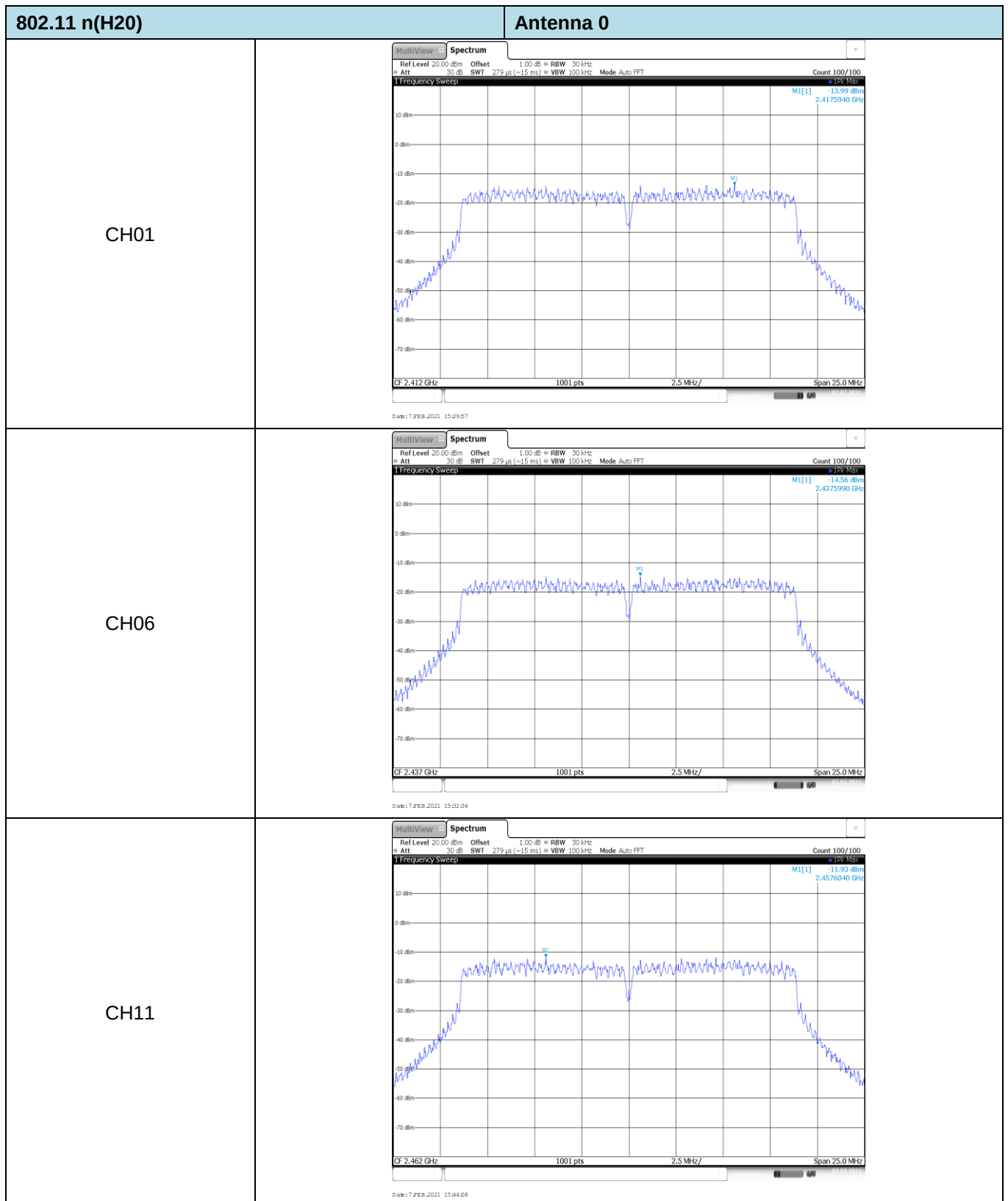
Type	Channel	Power Spectral Density (dBm/30KHz)		Total Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
		Antenna 0	Antenna 1			
802.11b	01	-1.49	-2.20	-	≤8.00	Pass
	06	-1.58	-2.17	-		
	11	-1.77	-2.33	-		
802.11g	01	-10.70	-11.36	-	≤8.00	Pass
	06	-10.07	-10.39	-		
	11	-10.41	-11.15	-		
802.11n(HT20)	01	-13.99	-15.05	-11.48	≤8.00	Pass
	06	-14.56	-15.11	-11.82		
	11	-11.93	-14.52	-10.02		
802.11n(HT40)	03	-18.67	-18.68	-15.66	≤8.00	Pass
	06	-18.37	-19.22	-15.76		
	09	-18.82	-18.91	-15.85		

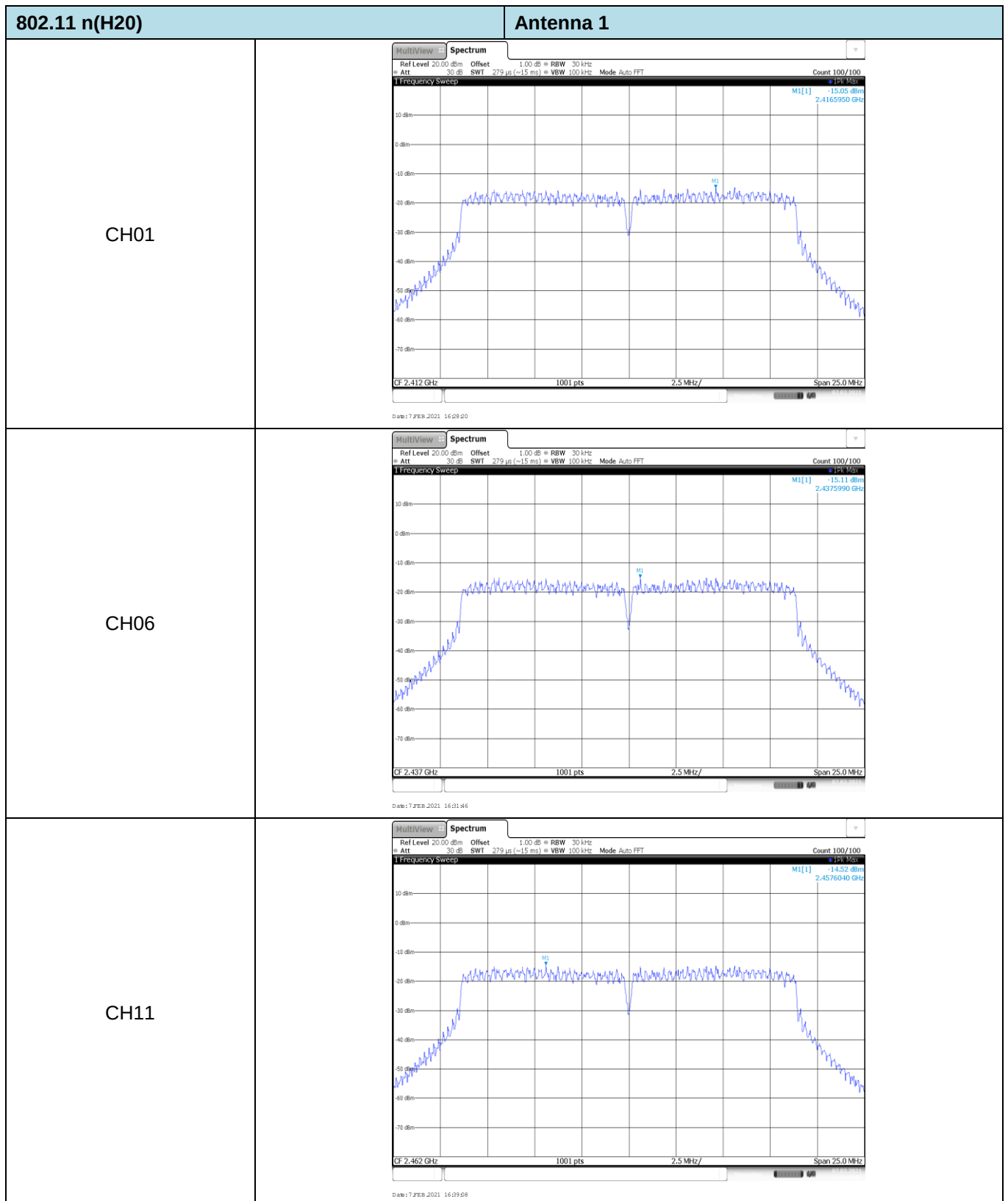


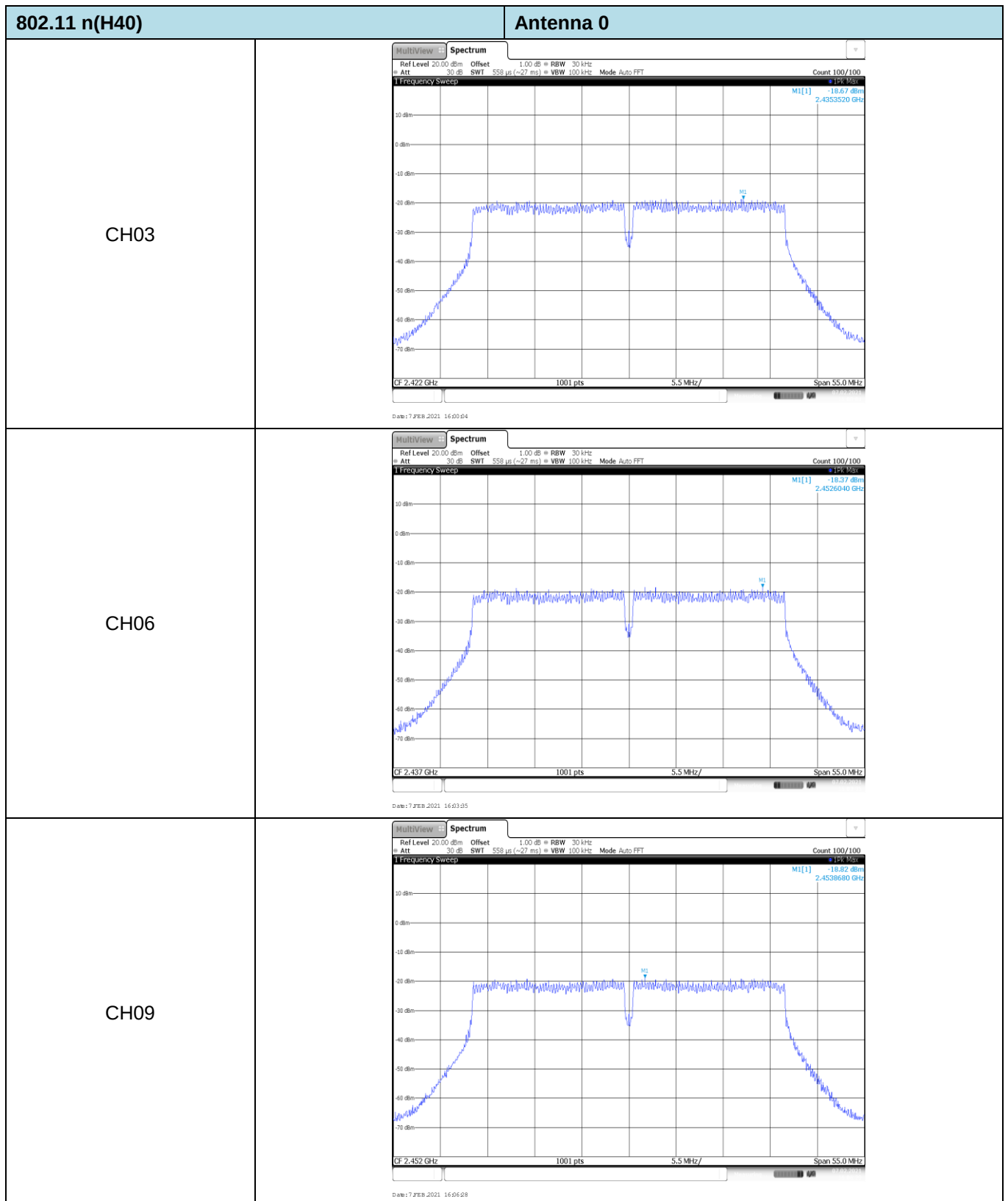


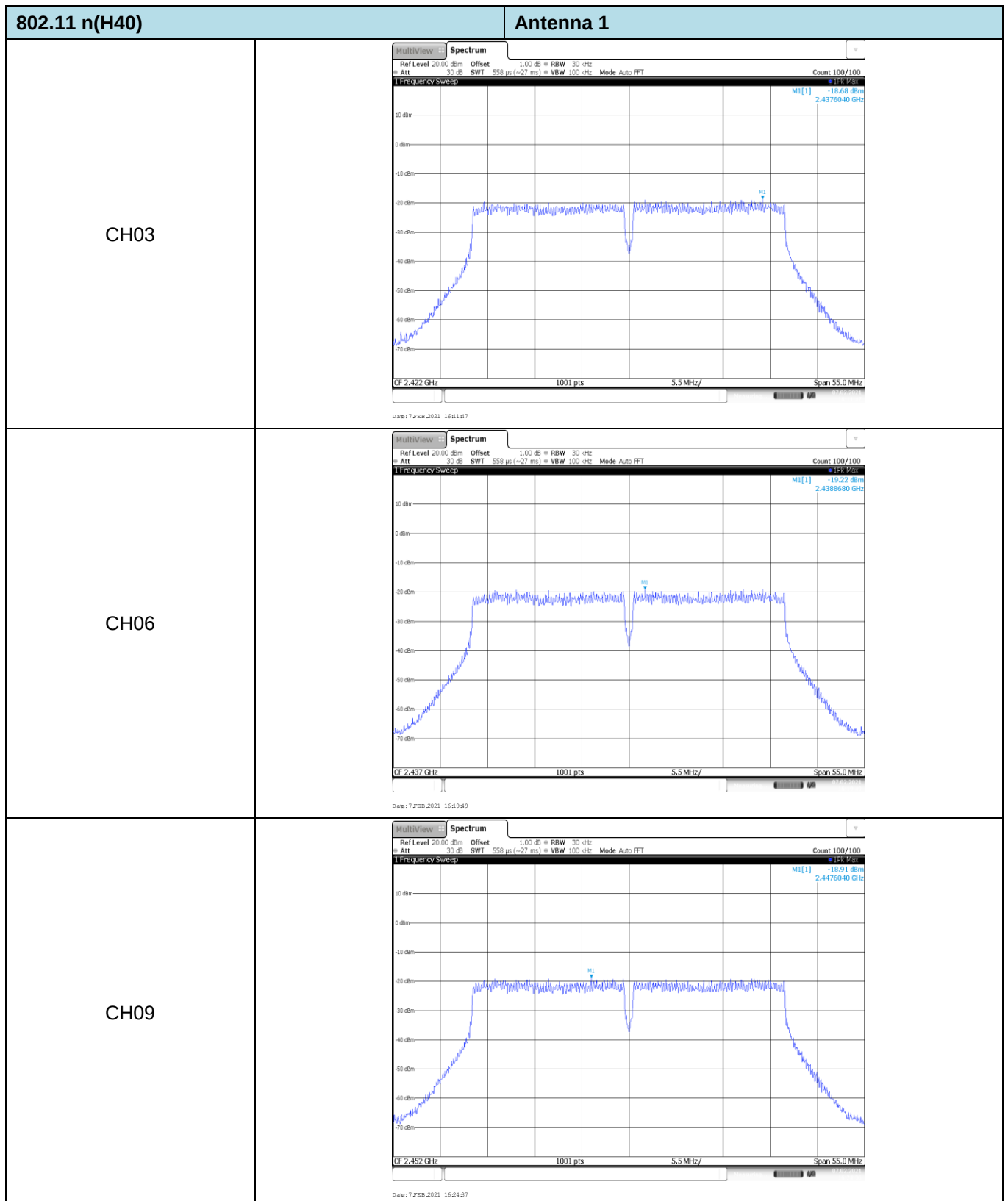












Appendix C: 6dB Bandwidth

Type	Channel	6dB Bandwidth (MHz)		Limit (kHz)	Result
		Antenna 0	Antenna 1		
802.11b	01	9.15	9.15	≥500	Pass
	06	9.15	9.15		
	11	9.15	9.15		
802.11g	01	16.56	16.53	≥500	Pass
	06	16.56	16.56		
	11	16.53	16.62		
802.11n(HT20)	01	17.67	17.70	≥500	Pass
	06	17.67	17.67		
	11	17.67	17.67		
802.11n(HT40)	03	36.66	36.66	≥500	Pass
	06	36.66	36.66		
	09	36.66	36.66		

802.11 b

Antenna 0

CH01

Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Count 500/500
AT 30 dB SW 1.04 ms VBW 300 kHz Mode Auto Sweep

Frequency Sweep

CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.40741 GHz	-2.19 dBm		
M2	1		2.41149 GHz	-4.13 dBm		
D3	M1	1	9.15 MHz	-1.09 dB		

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CH06

Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Count 500/500
AT 30 dB SW 1.04 ms VBW 300 kHz Mode Auto Sweep

Frequency Sweep

CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.43241 GHz	-1.76 dBm		
M2	1		2.43748 GHz	-4.44 dBm		
D3	M1	1	9.15 MHz	-1.18 dB		

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CH11

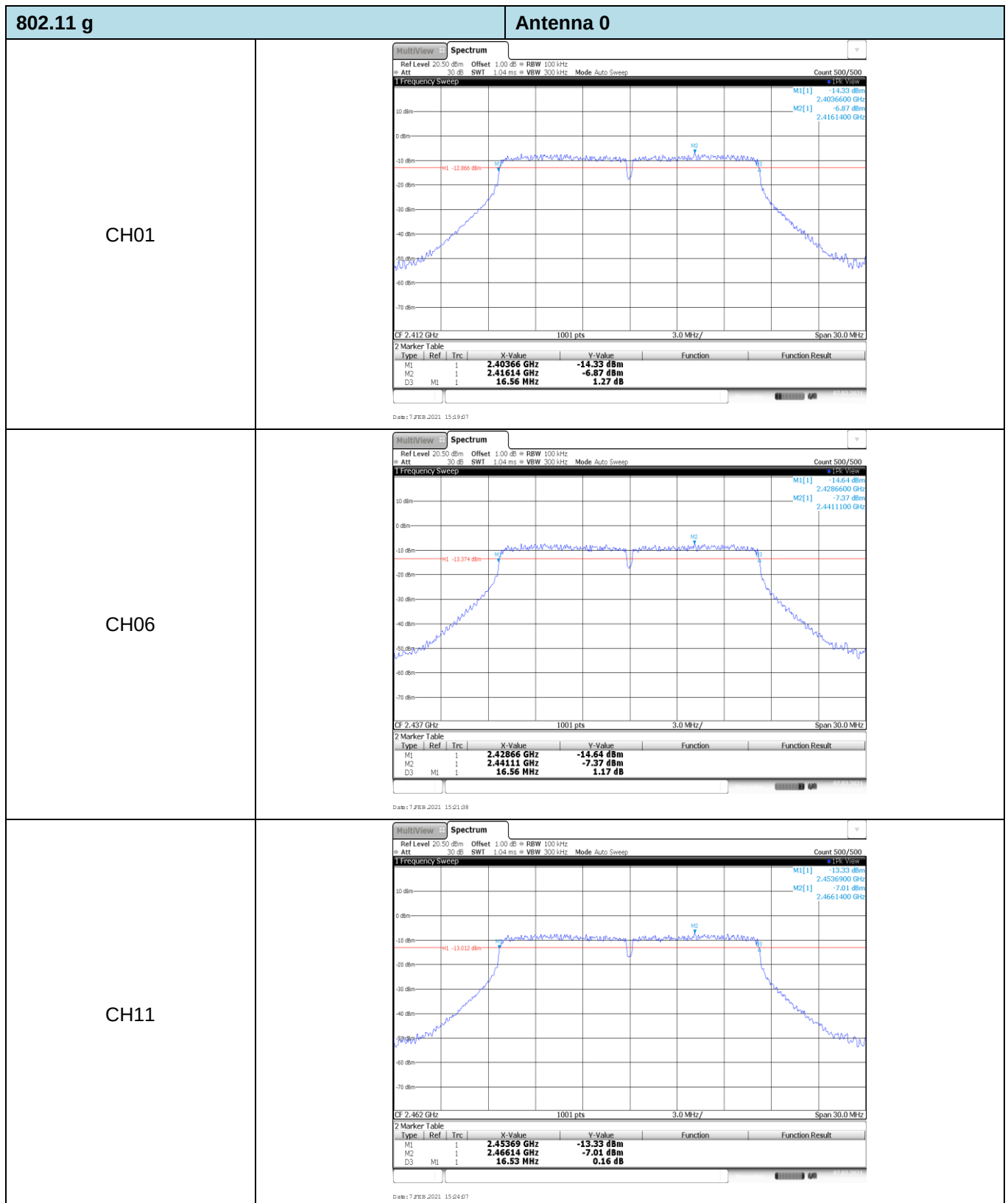
Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Count 500/500
AT 30 dB SW 1.04 ms VBW 300 kHz Mode Auto Sweep

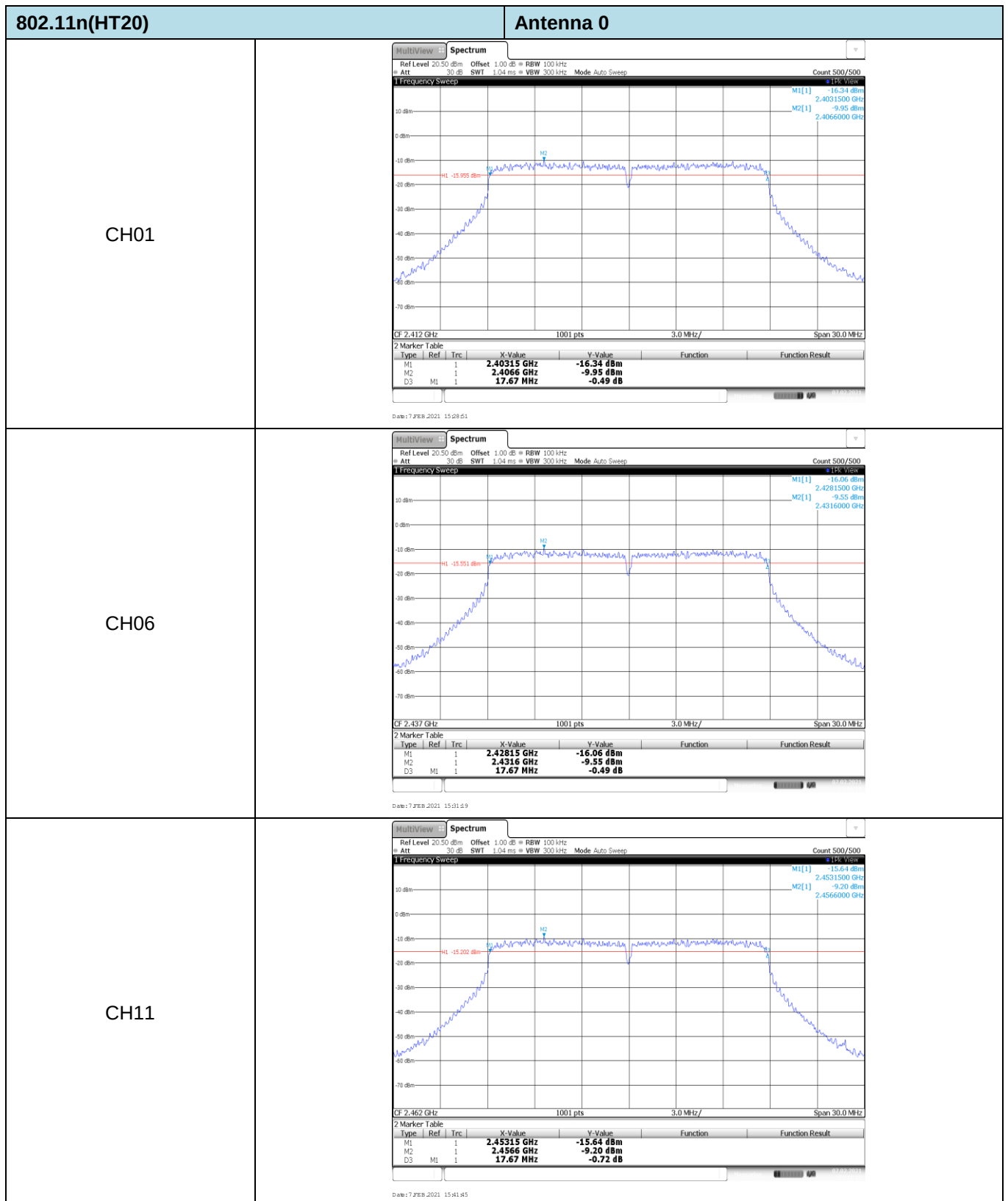
Frequency Sweep

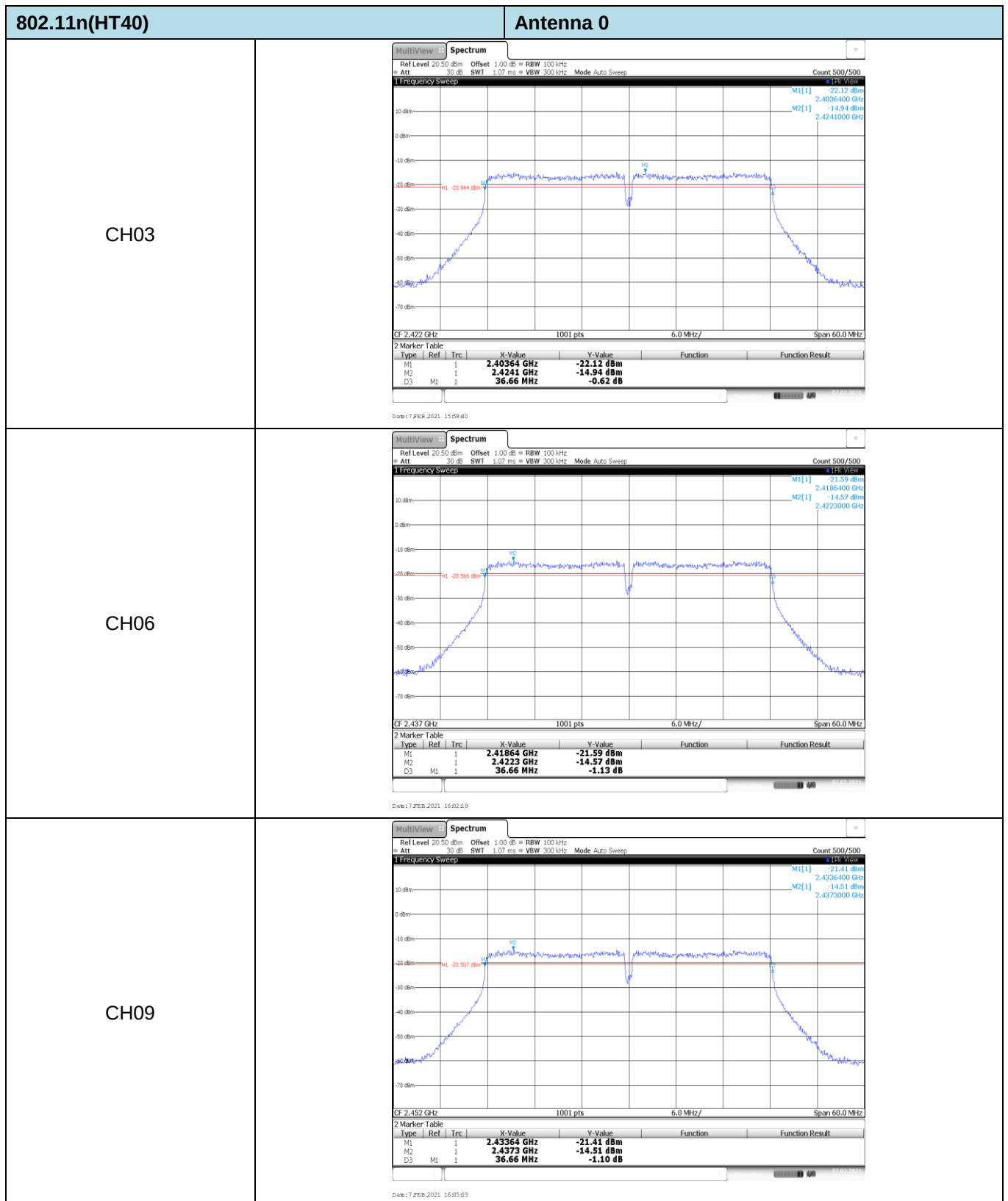
CF 2.462 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

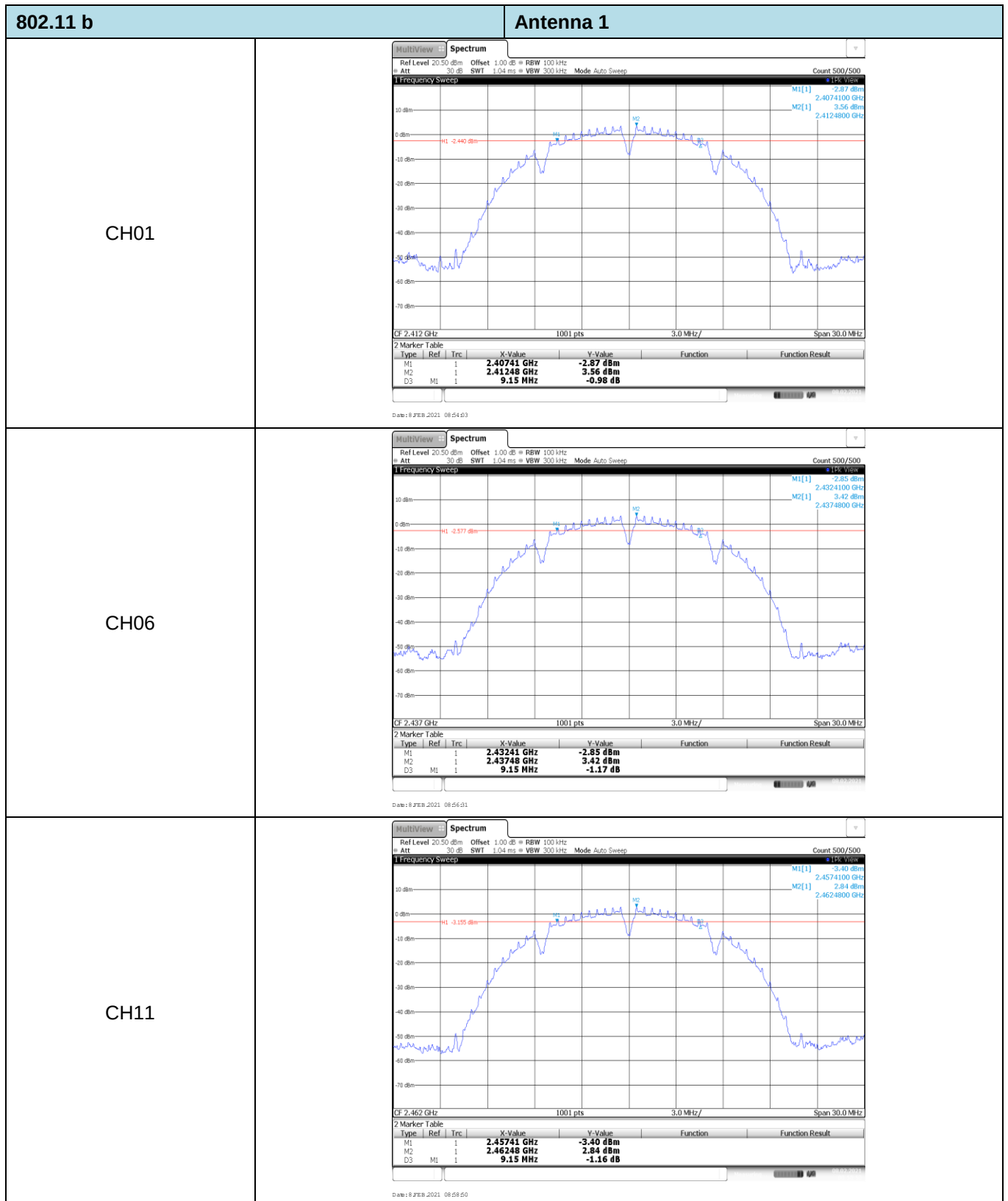
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.45741 GHz	-1.84 dBm		
M2	1		2.46146 GHz	-4.31 dBm		
D3	M1	1	9.15 MHz	-1.22 dB		

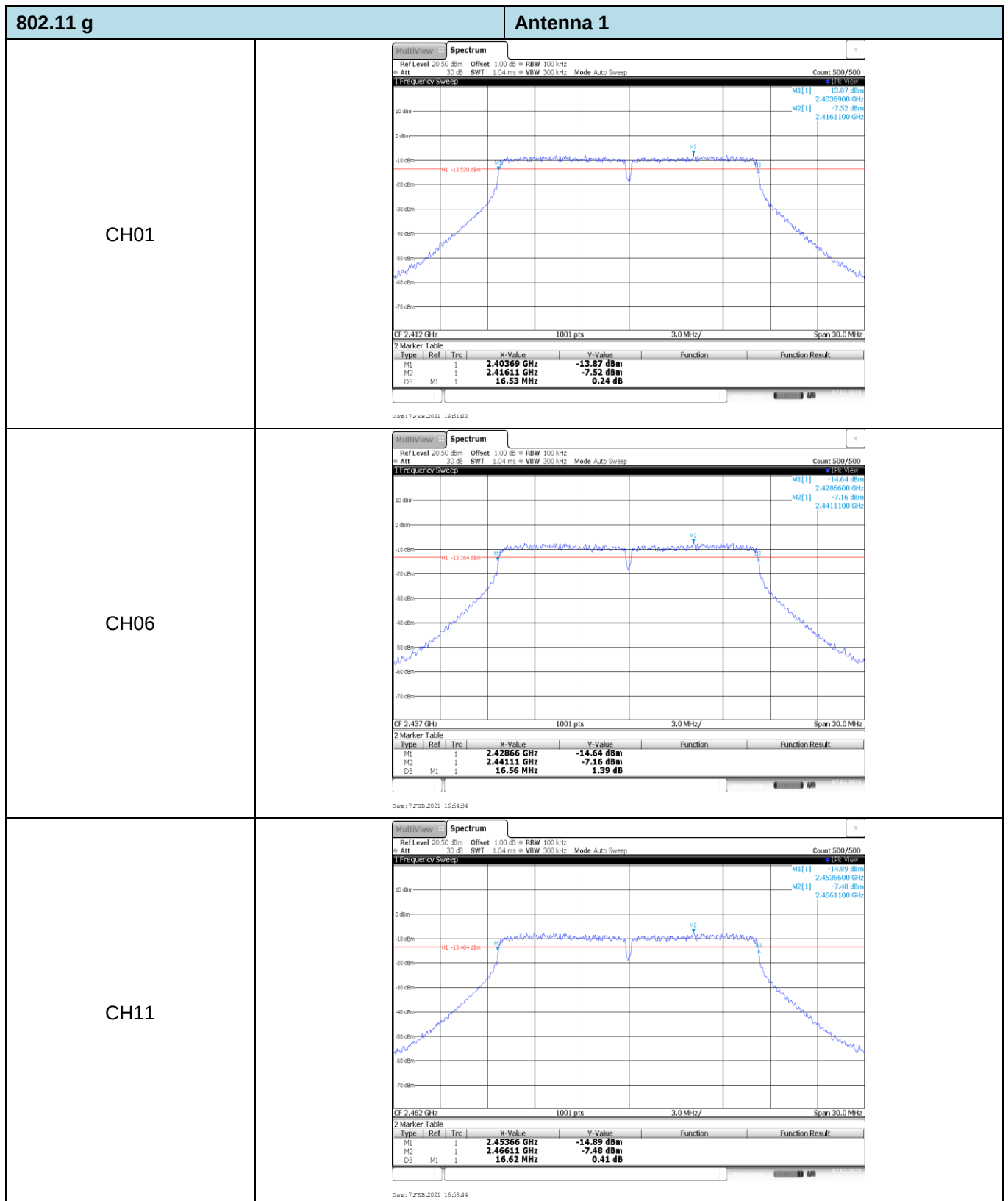
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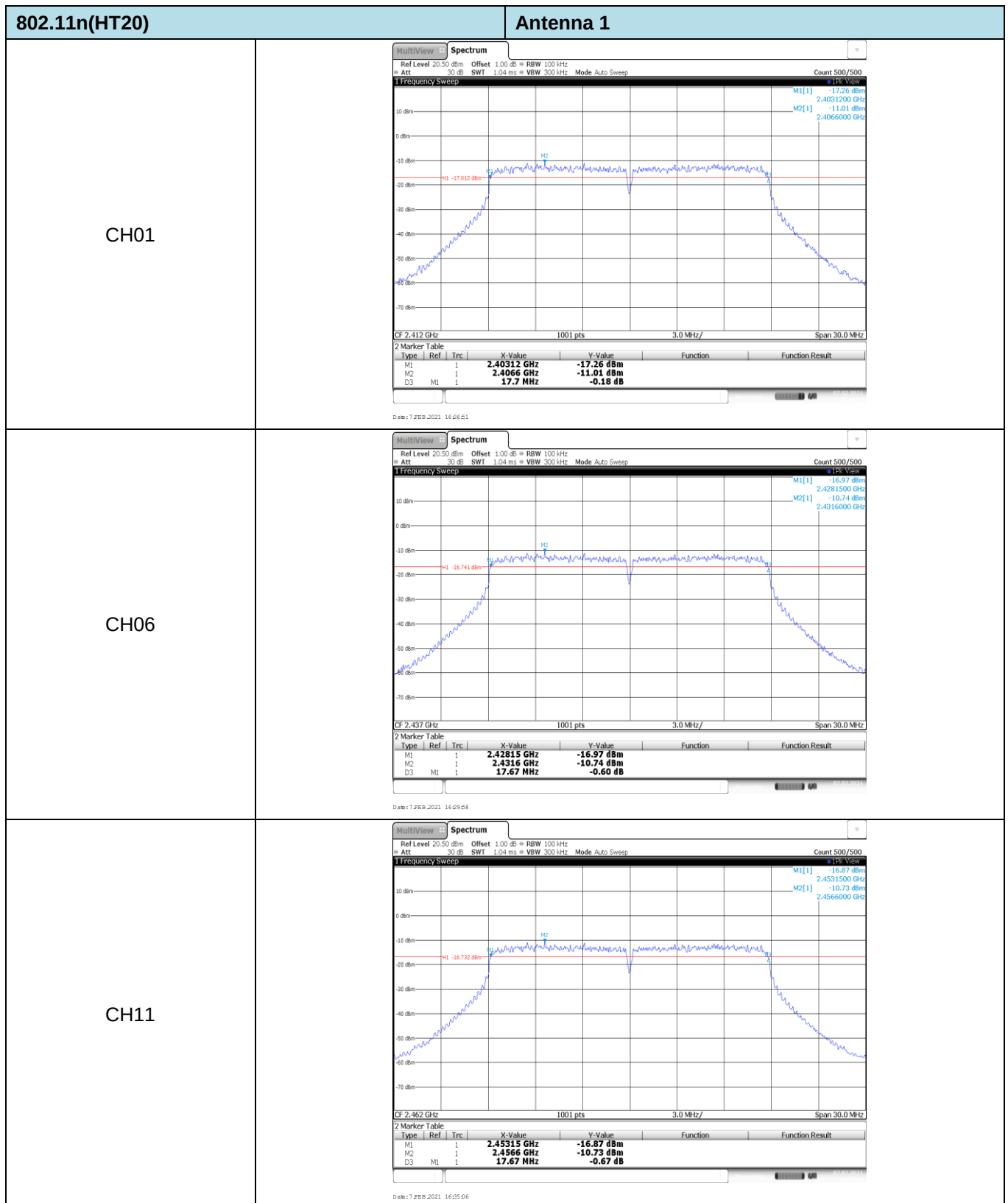


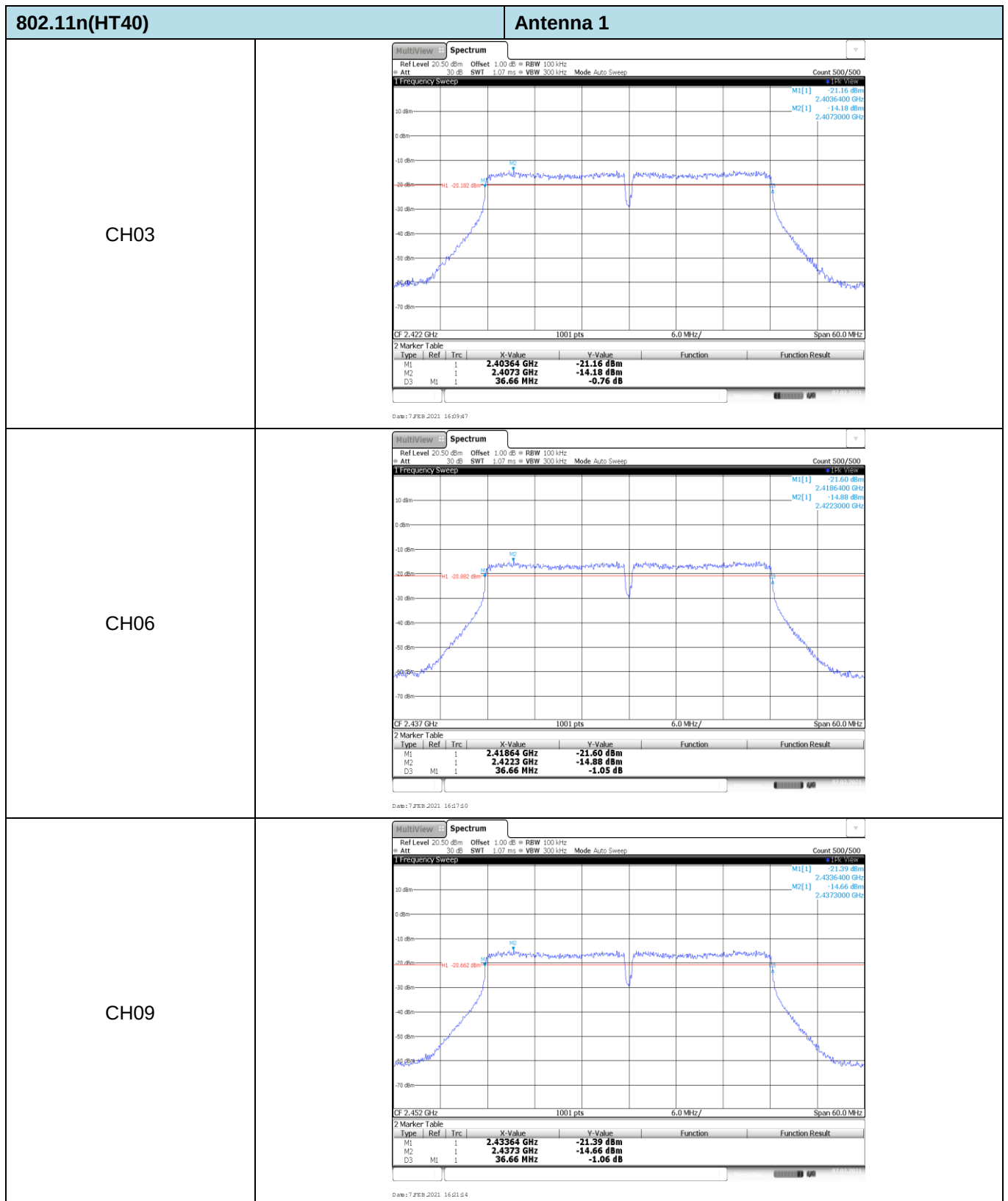






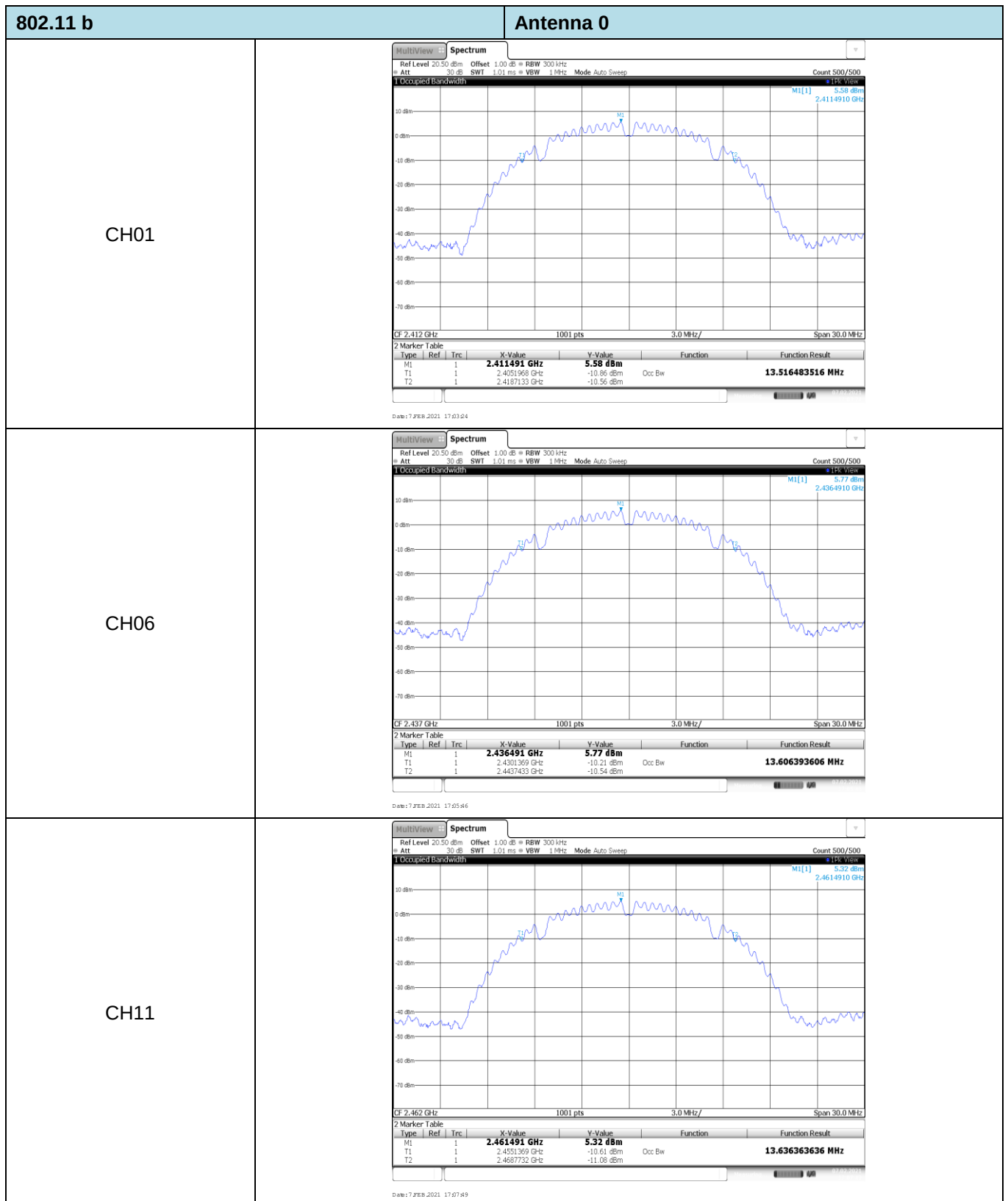


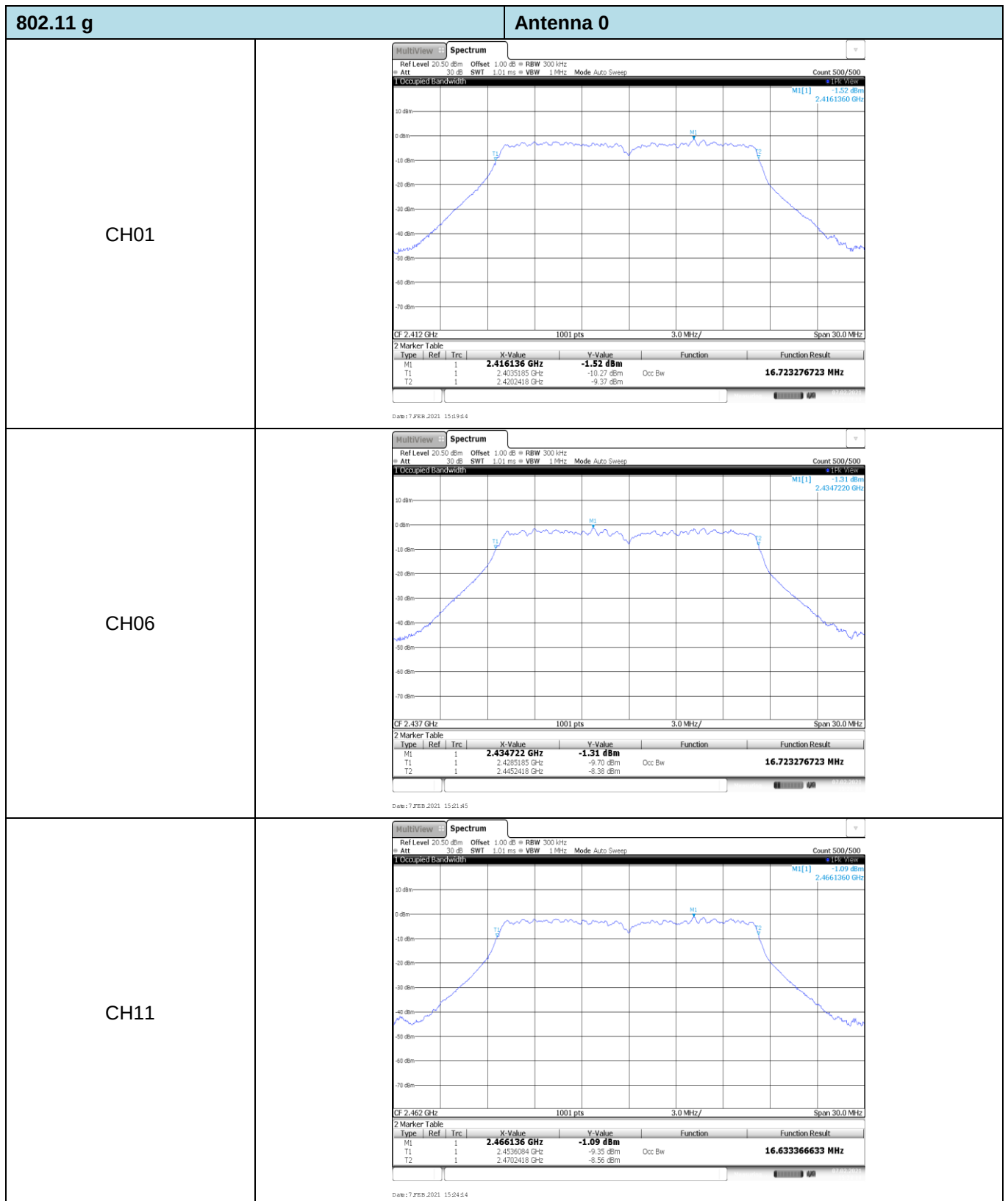


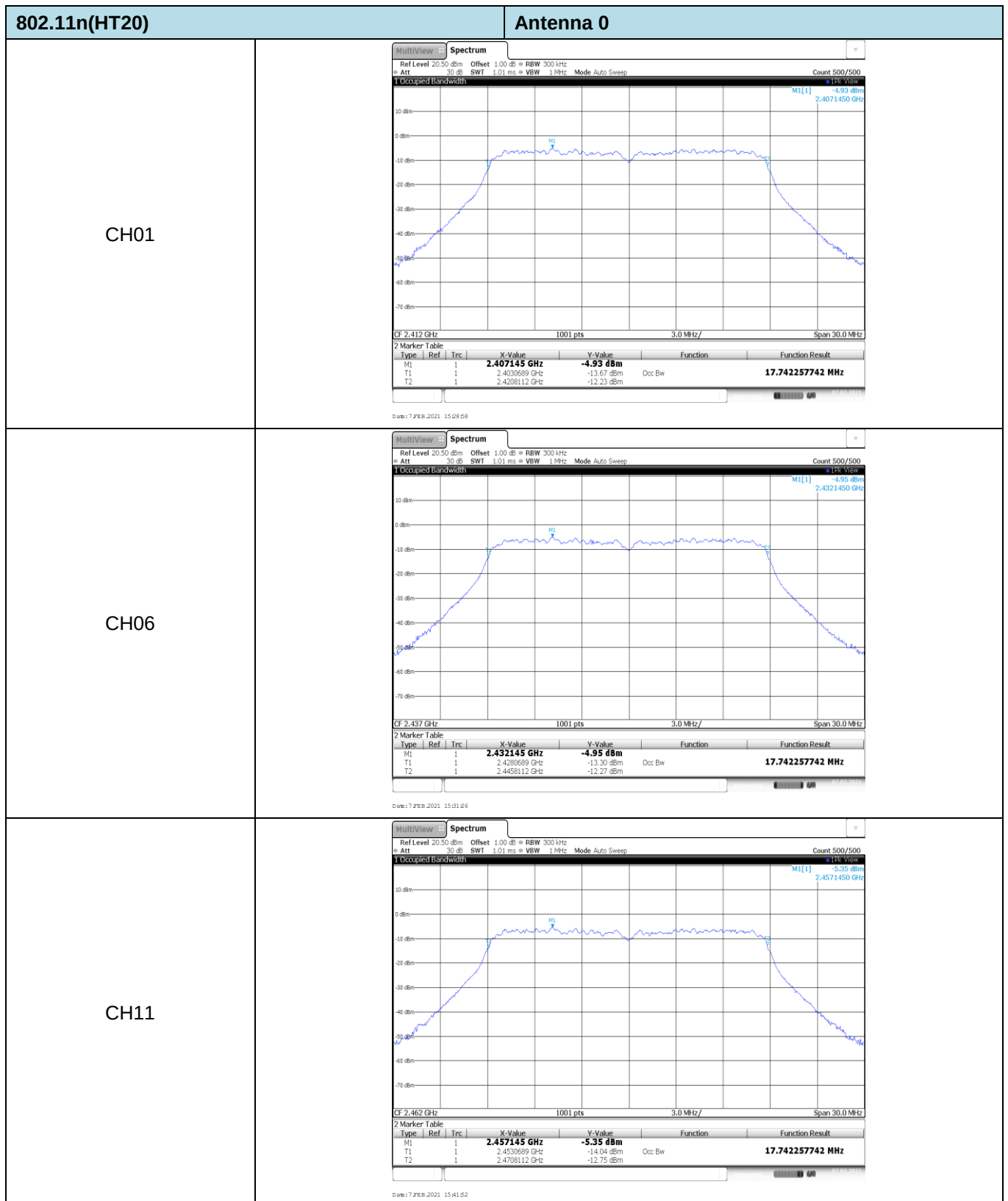


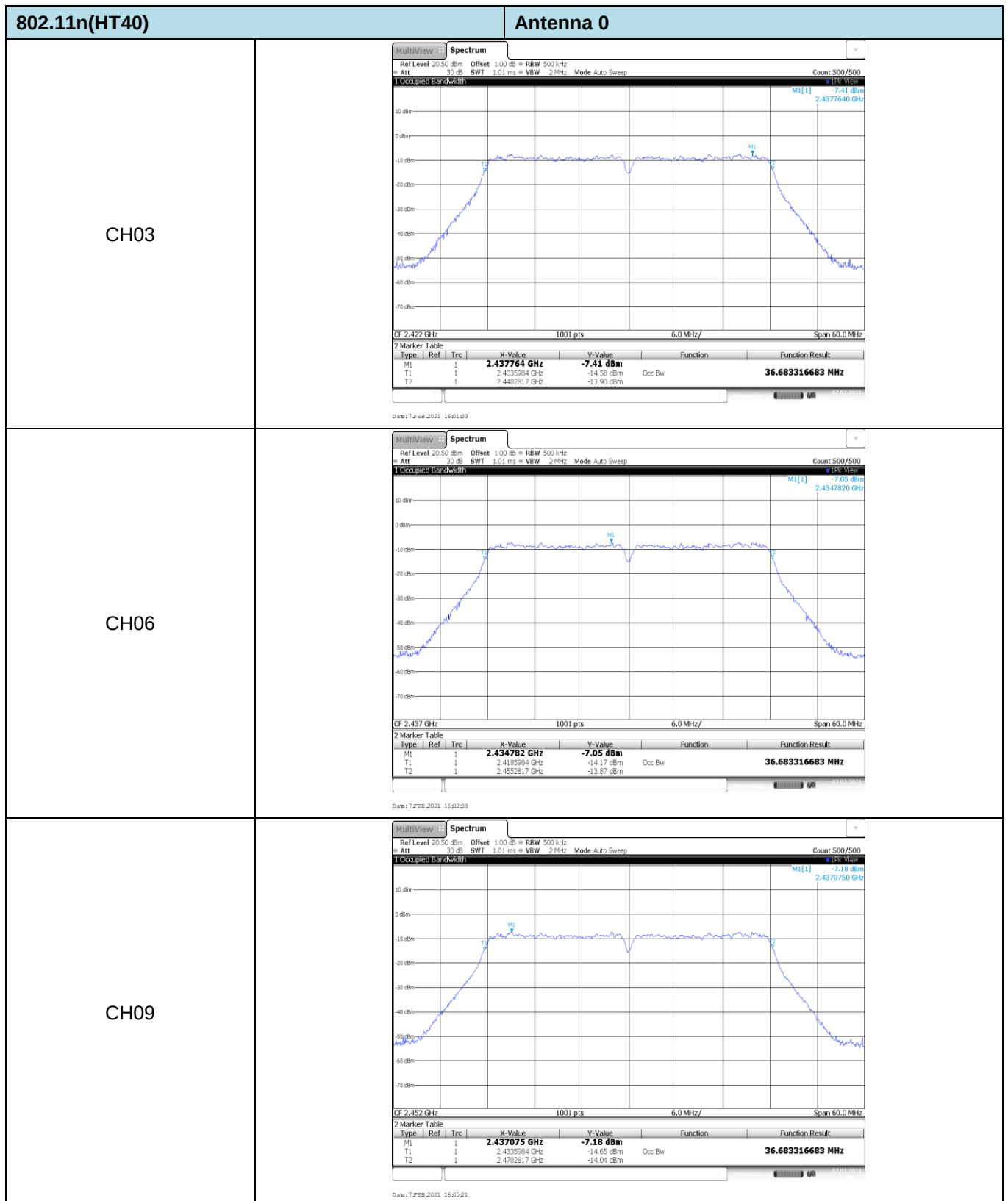
Appendix D: 99% Occupied Bandwidth

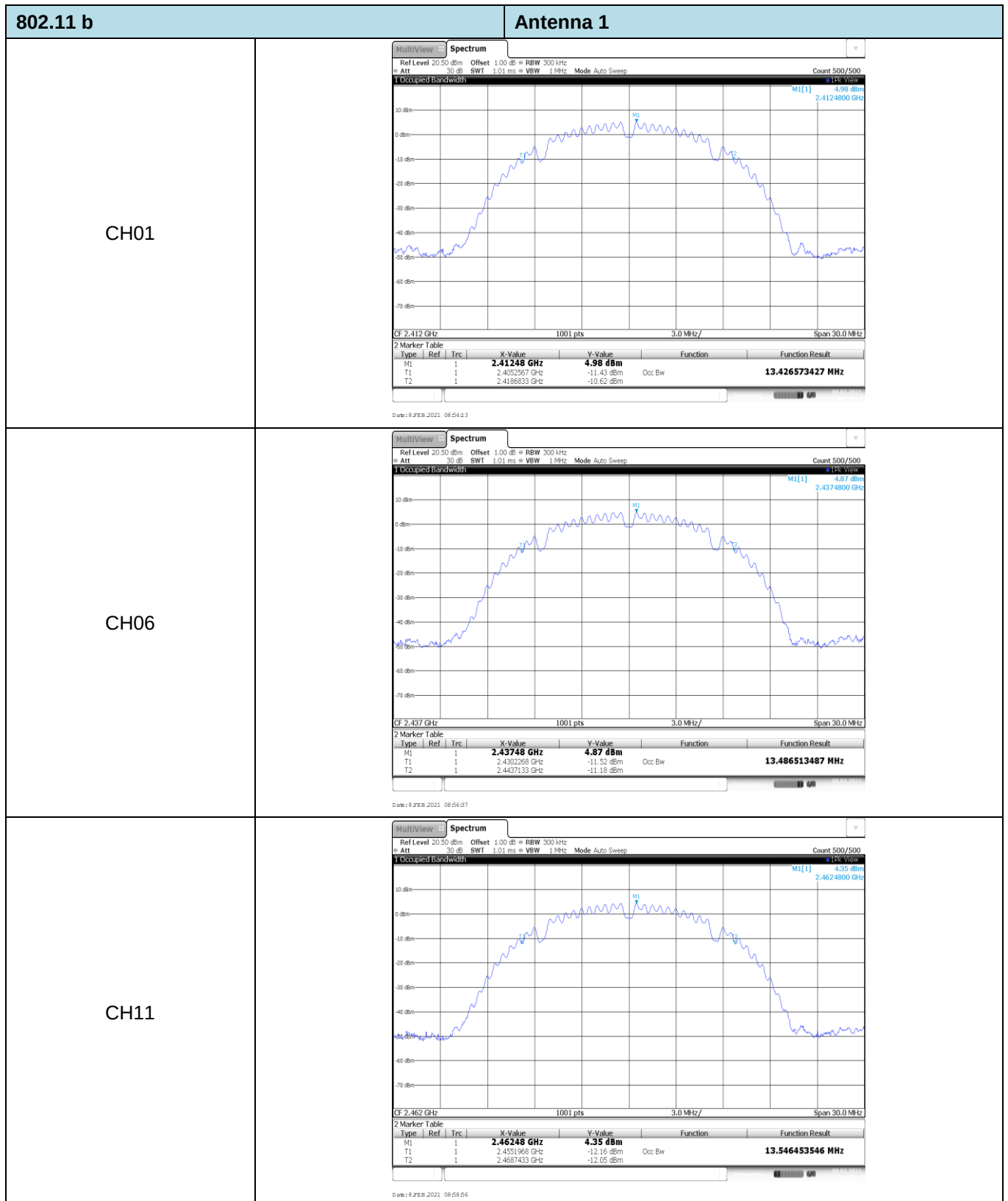
Type	Channel	99% Bandwidth (MHz)		Limit (kHz)	Result
		Antenna 0	Antenna 1		
802.11b	01	13.52	13.43	-	Pass
	06	13.61	13.49		
	11	13.64	13.55		
802.11g	01	16.72	16.69	-	Pass
	06	16.72	16.78		
	11	16.63	16.78		
802.11n(HT20)	01	17.74	17.80	-	Pass
	06	17.74	17.80		
	11	17.74	17.80		
802.11n(HT40)	03	36.68	36.74	-	Pass
	06	36.68	36.74		
	09	36.68	36.80		

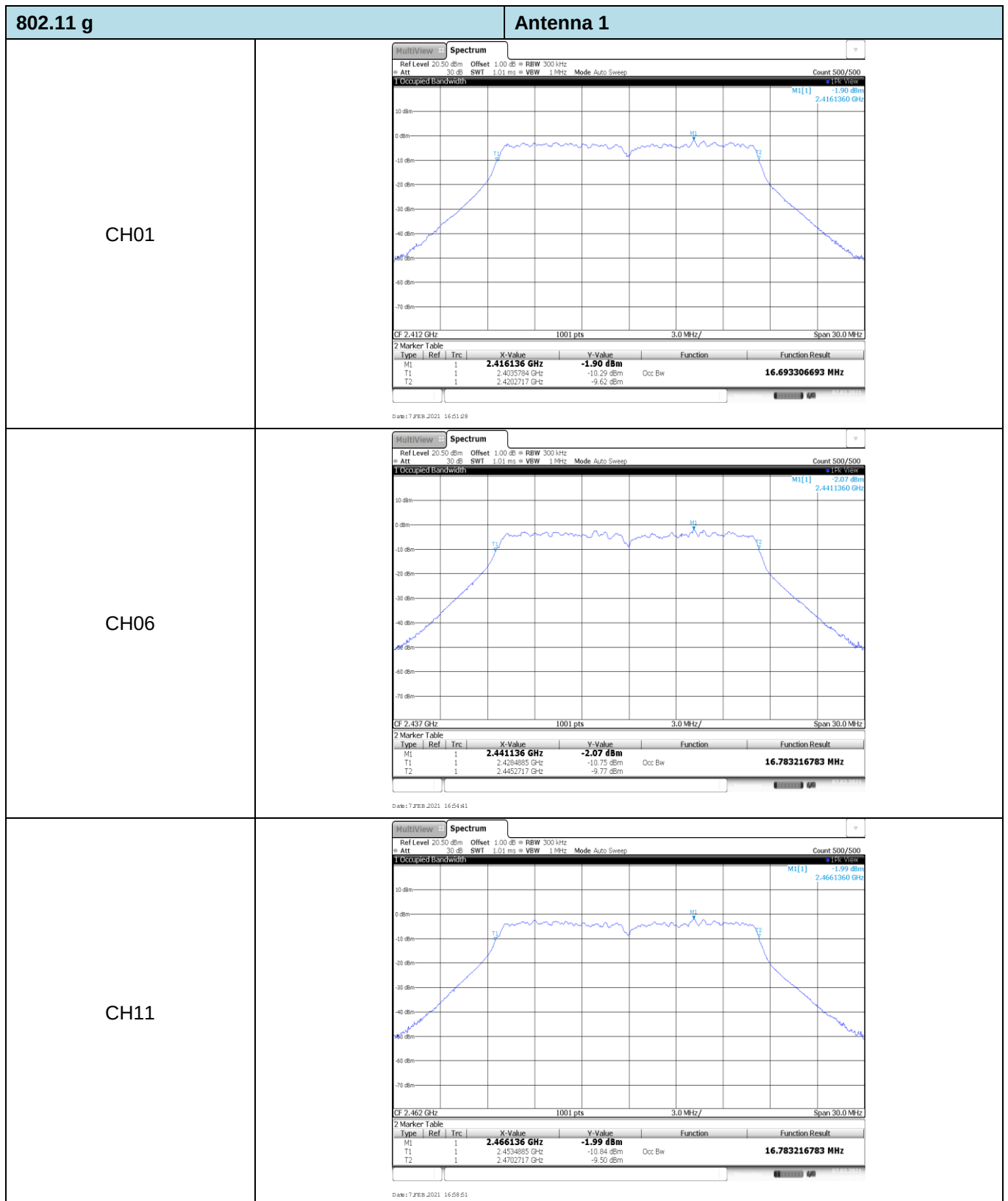


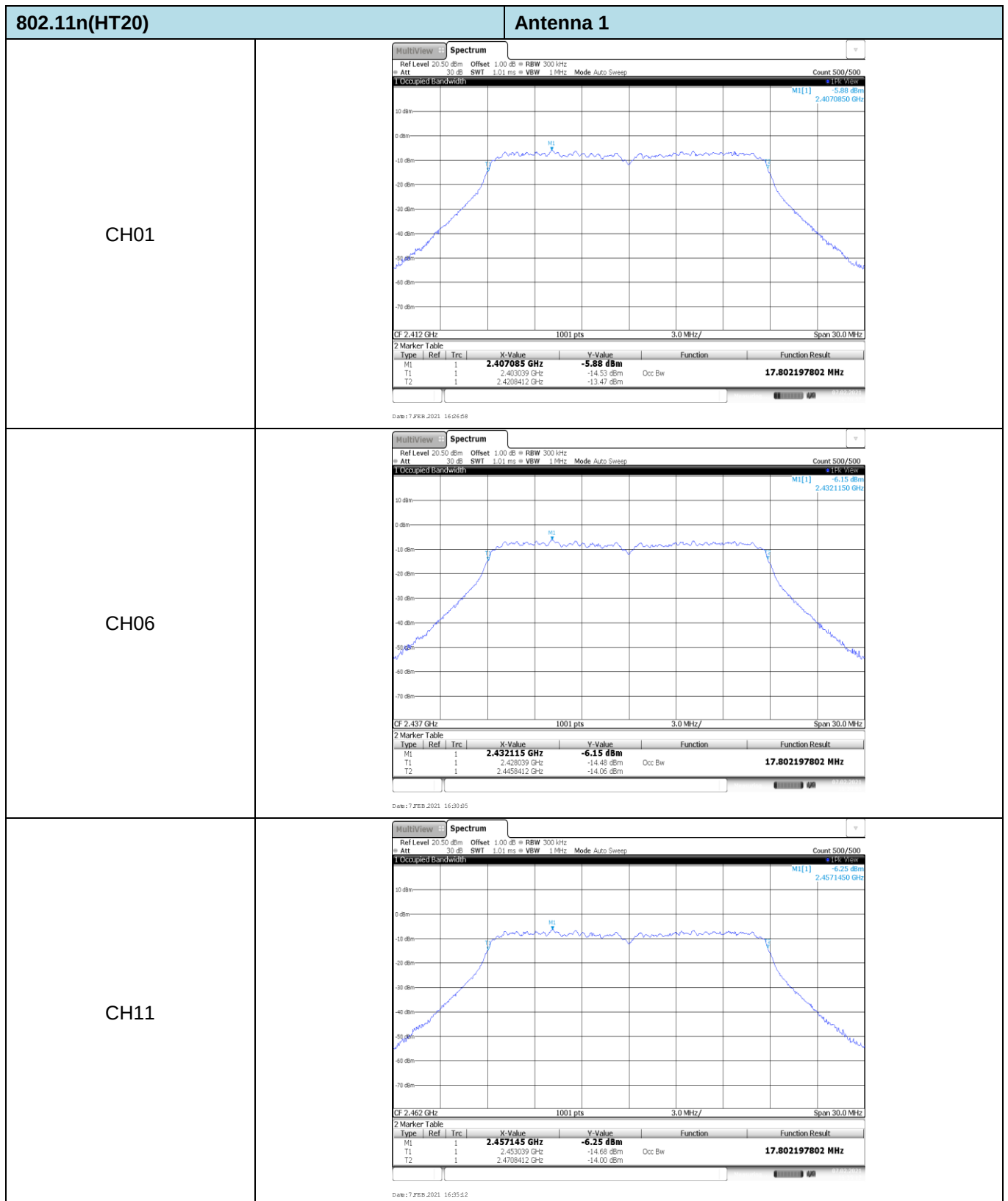


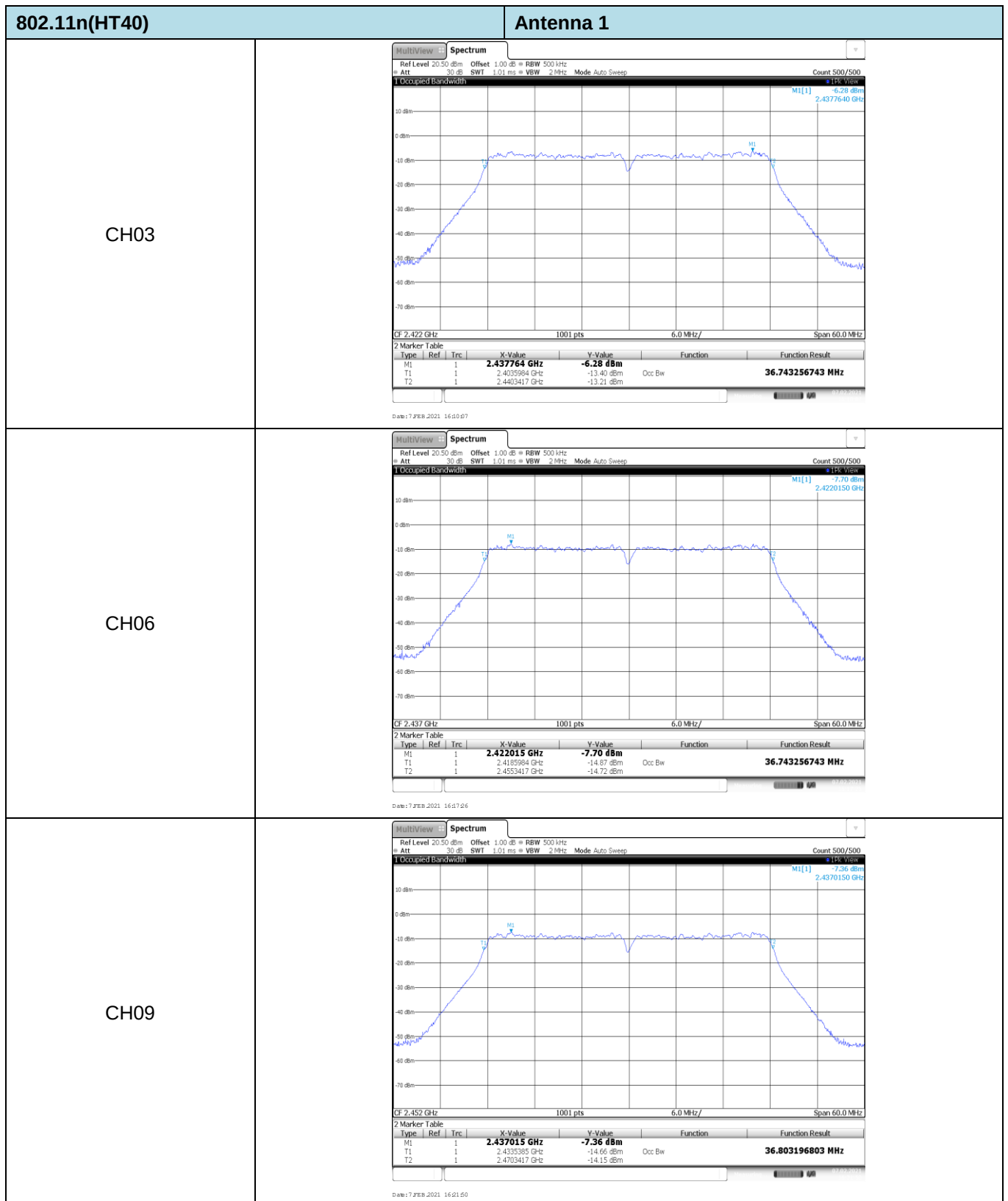






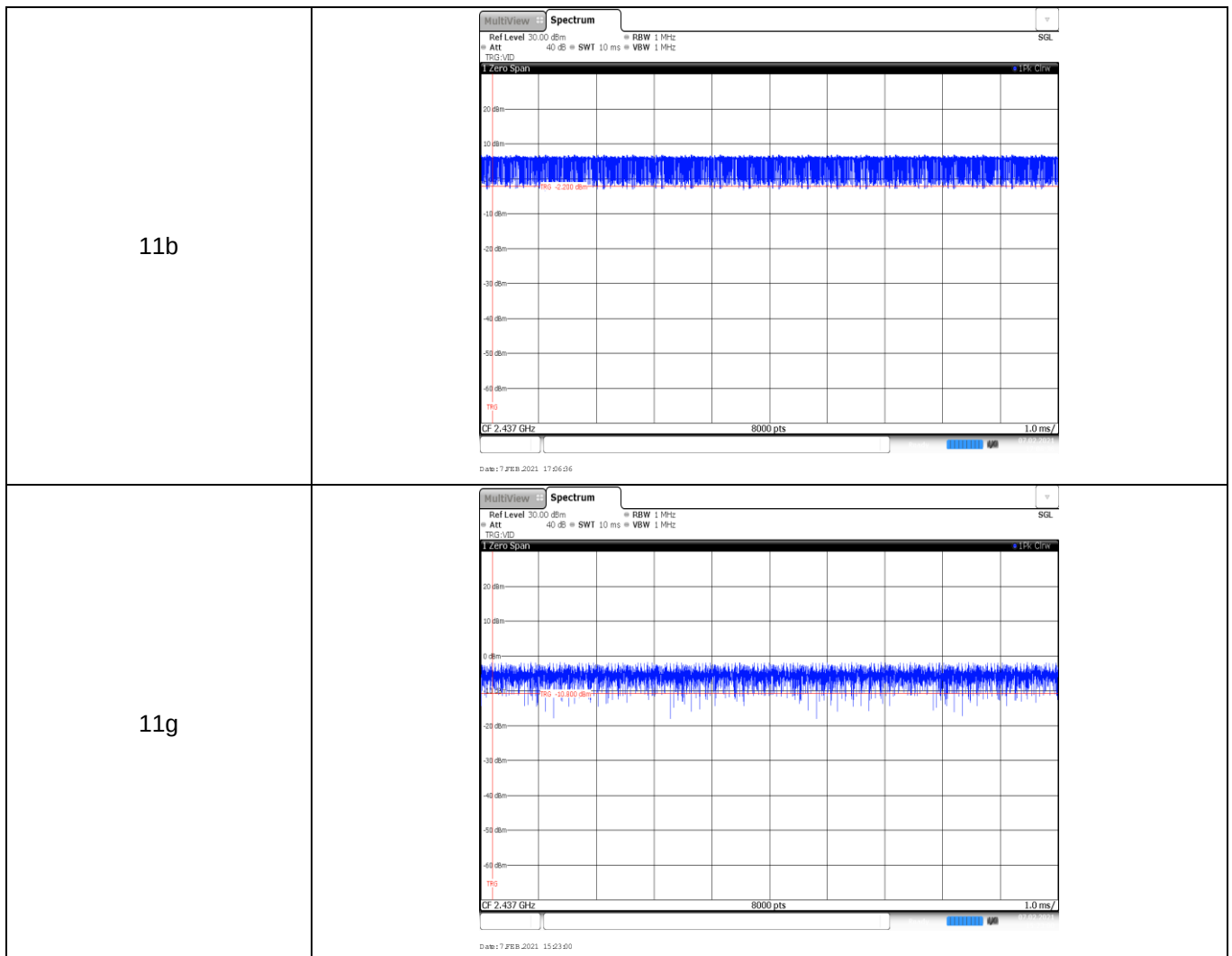




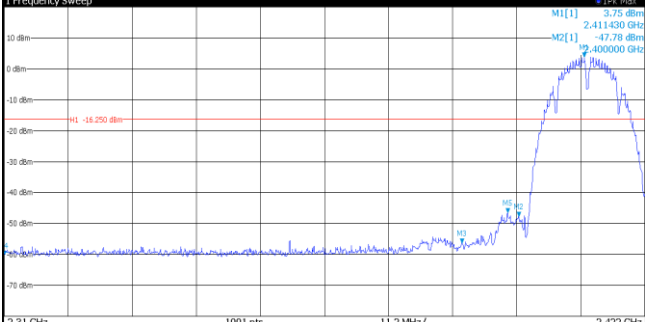
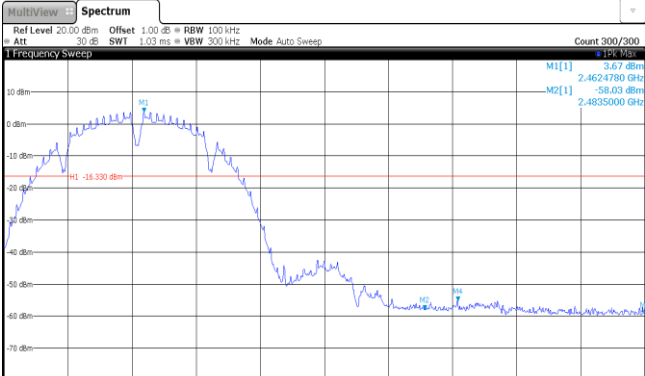


Appendix E: Duty Cycle

Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	1.00	1.00	100.0%	1.0
11g	2437	1.00	1.00	100.0%	1.0
11n20	2437	1.00	1.00	100.0%	1.0
11n40	2437	1.00	1.00	100.0%	1.0

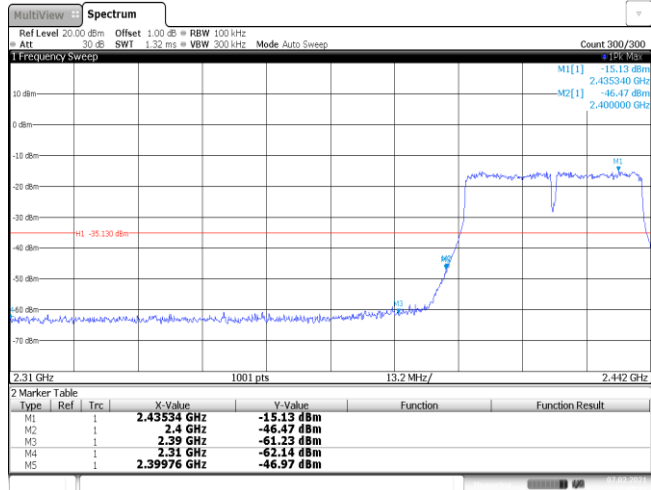
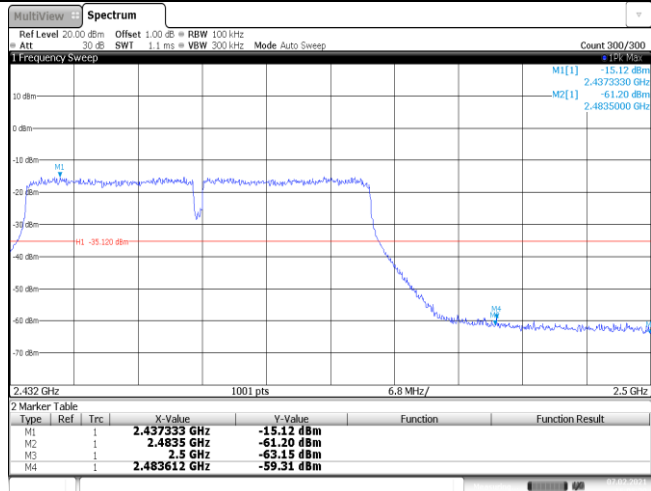


Appendix F: Band Edge and Spurious Emissions (Conducted)

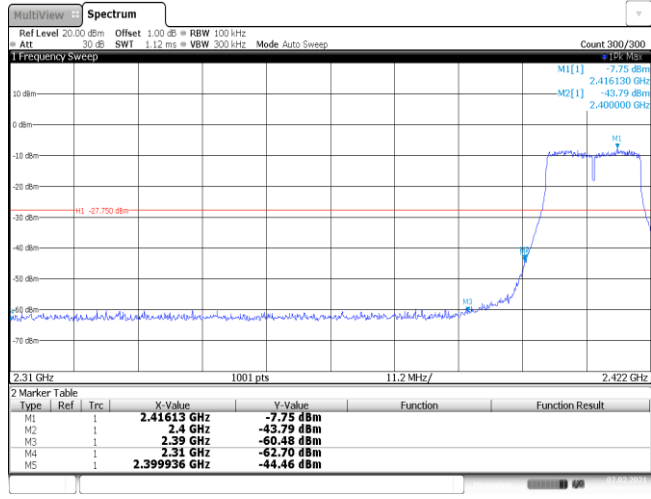
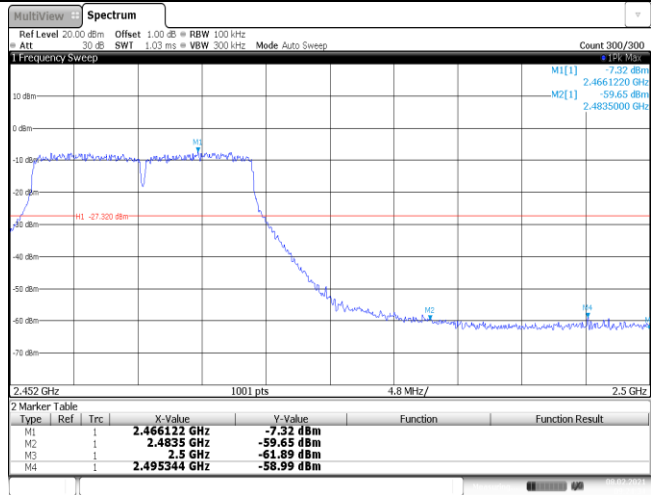
Test Item:	Bandedge	802.11 b	Antenna 0																																										
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  M1[1] 3.75 dBm 2.411430 GHz M2[1] -47.78 dBm 2.400000 GHz M1 -16.250 dBm 2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz <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>2.41143 GHz</td><td>3.75 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-47.78 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-56.42 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.37 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.398032 GHz</td><td>-46.51 dBm</td><td></td><td></td></tr></table> Date: 7 FEB 2021 17:04:29			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41143 GHz	3.75 dBm			M2	1		2.4 GHz	-47.78 dBm			M3	1		2.39 GHz	-56.42 dBm			M4	1		2.31 GHz	-59.37 dBm			M5	1		2.398032 GHz	-46.51 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M5	1		2.398032 GHz	-46.51 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  M1[1] 3.67 dBm 2.4624780 GHz M2[1] -58.03 dBm 2.4835000 GHz M1 -16.330 dBm 2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz <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>2.462478 GHz</td><td>3.67 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-58.03 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-58.54 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.485984 GHz</td><td>-55.32 dBm</td><td></td><td></td></tr></table> Date: 7 FEB 2021 17:08:06			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.462478 GHz	3.67 dBm			M2	1		2.4835 GHz	-58.03 dBm			M3	1		2.5 GHz	-58.54 dBm			M4	1		2.485984 GHz	-55.32 dBm									
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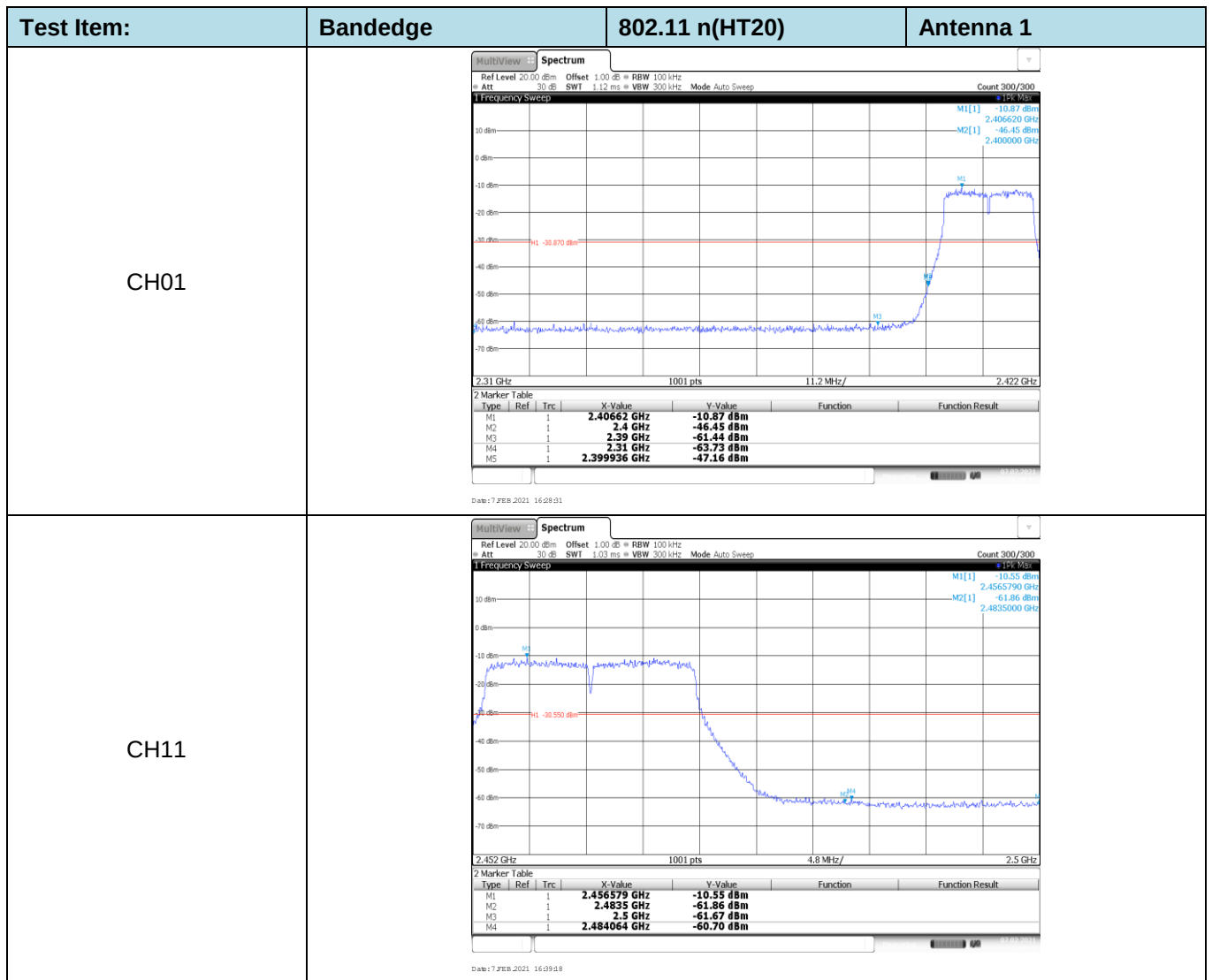
Test Item:	Bandedge	802.11 g	Antenna 0																																										
CH01	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -6.89 dBm M2[1] -43.81 dBm M2[1] -43.81 dBm M2[1] -43.81 dBm 2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz <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>2.41613 GHz</td><td>-6.89 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-43.81 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-60.65 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.51 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399936 GHz</td><td>-44.15 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 15:20:18			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41613 GHz	-6.89 dBm			M2	1		2.4 GHz	-43.81 dBm			M3	1		2.39 GHz	-60.65 dBm			M4	1		2.31 GHz	-63.51 dBm			M5	1		2.399936 GHz	-44.15 dBm		
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M4	1		2.31 GHz	-63.51 dBm																																									
M5	1		2.399936 GHz	-44.15 dBm																																									
CH11	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -6.55 dBm M2[1] -59.52 dBm M2[1] -59.52 dBm M2[1] -59.52 dBm 2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz <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>2.466112 GHz</td><td>-6.55 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-59.52 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.10 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.48584 GHz</td><td>-58.12 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 15:25:42			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.466112 GHz	-6.55 dBm			M2	1		2.4835 GHz	-59.52 dBm			M3	1		2.5 GHz	-62.10 dBm			M4	1		2.48584 GHz	-58.12 dBm									
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M3	1		2.5 GHz	-62.10 dBm																																									
M4	1		2.48584 GHz	-58.12 dBm																																									

Test Item:	Bandedge	802.11 n(HT20)	Antenna 0																																										
CH01	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -10.23 dBm M2[1] -45.57 dBm M3[1] -62.32 dBm M4[1] -63.08 dBm M5[1] -47.84 dBm 2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz <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>2.40662 GHz</td><td>-10.23 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-45.57 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-62.32 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-63.08 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399824 GHz</td><td>-47.84 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 15:30:07			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40662 GHz	-10.23 dBm			M2	1		2.4 GHz	-45.57 dBm			M3	1		2.39 GHz	-62.32 dBm			M4	1		2.31 GHz	-63.08 dBm			M5	1		2.399824 GHz	-47.84 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.40662 GHz	-10.23 dBm																																									
M2	1		2.4 GHz	-45.57 dBm																																									
M3	1		2.39 GHz	-62.32 dBm																																									
M4	1		2.31 GHz	-63.08 dBm																																									
M5	1		2.399824 GHz	-47.84 dBm																																									
CH11	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -10.12 dBm M2[1] -60.35 dBm M3[1] -62.74 dBm M4[1] -59.20 dBm 2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz <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>2.456579 GHz</td><td>-9.97 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-60.35 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.74 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484688 GHz</td><td>-59.20 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 15:44:19			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.456579 GHz	-9.97 dBm			M2	1		2.4835 GHz	-60.35 dBm			M3	1		2.5 GHz	-62.74 dBm			M4	1		2.484688 GHz	-59.20 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.456579 GHz	-9.97 dBm																																									
M2	1		2.4835 GHz	-60.35 dBm																																									
M3	1		2.5 GHz	-62.74 dBm																																									
M4	1		2.484688 GHz	-59.20 dBm																																									

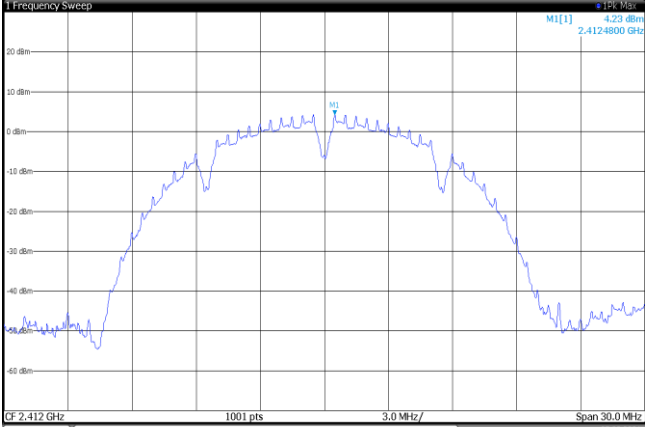
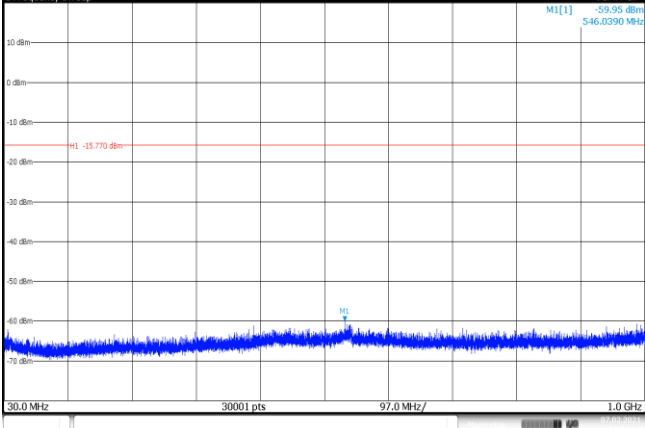
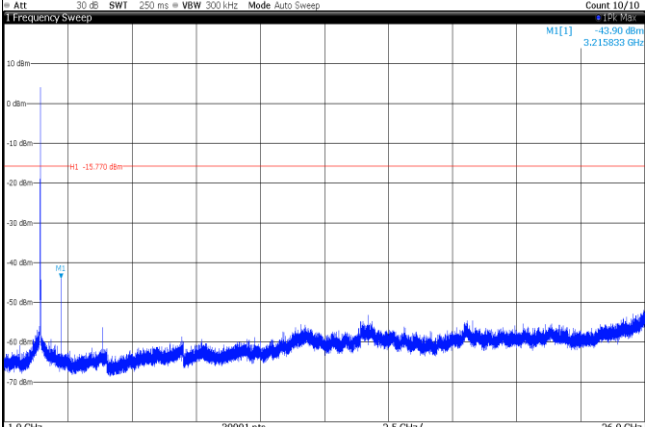
Test Item:	Bandedge	802.11 n(HT40)	Antenna 0																																										
CH03	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz ATT 30 dB SWT 1.02 ms VBW 300 kHz Mode Auto Sweep Count 200/200 1 Frequency Sweep  2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><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>2.43534 GHz</td><td>-15.13 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-46.47 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-61.23 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.14 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39976 GHz</td><td>-46.97 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 16:00:14			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.43534 GHz	-15.13 dBm			M2	1		2.4 GHz	-46.47 dBm			M3	1		2.39 GHz	-61.23 dBm			M4	1		2.31 GHz	-62.14 dBm			M5	1		2.39976 GHz	-46.97 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.43534 GHz	-15.13 dBm																																									
M2	1		2.4 GHz	-46.47 dBm																																									
M3	1		2.39 GHz	-61.23 dBm																																									
M4	1		2.31 GHz	-62.14 dBm																																									
M5	1		2.39976 GHz	-46.97 dBm																																									
CH09	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz ATT 30 dB SWT 1.1 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>2.437333 GHz</td><td>-15.12 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-61.20 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-63.15 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483612 GHz</td><td>-59.31 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 16:06:28			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.437333 GHz	-15.12 dBm			M2	1		2.4835 GHz	-61.20 dBm			M3	1		2.5 GHz	-63.15 dBm			M4	1		2.483612 GHz	-59.31 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.437333 GHz	-15.12 dBm																																									
M2	1		2.4835 GHz	-61.20 dBm																																									
M3	1		2.5 GHz	-63.15 dBm																																									
M4	1		2.483612 GHz	-59.31 dBm																																									

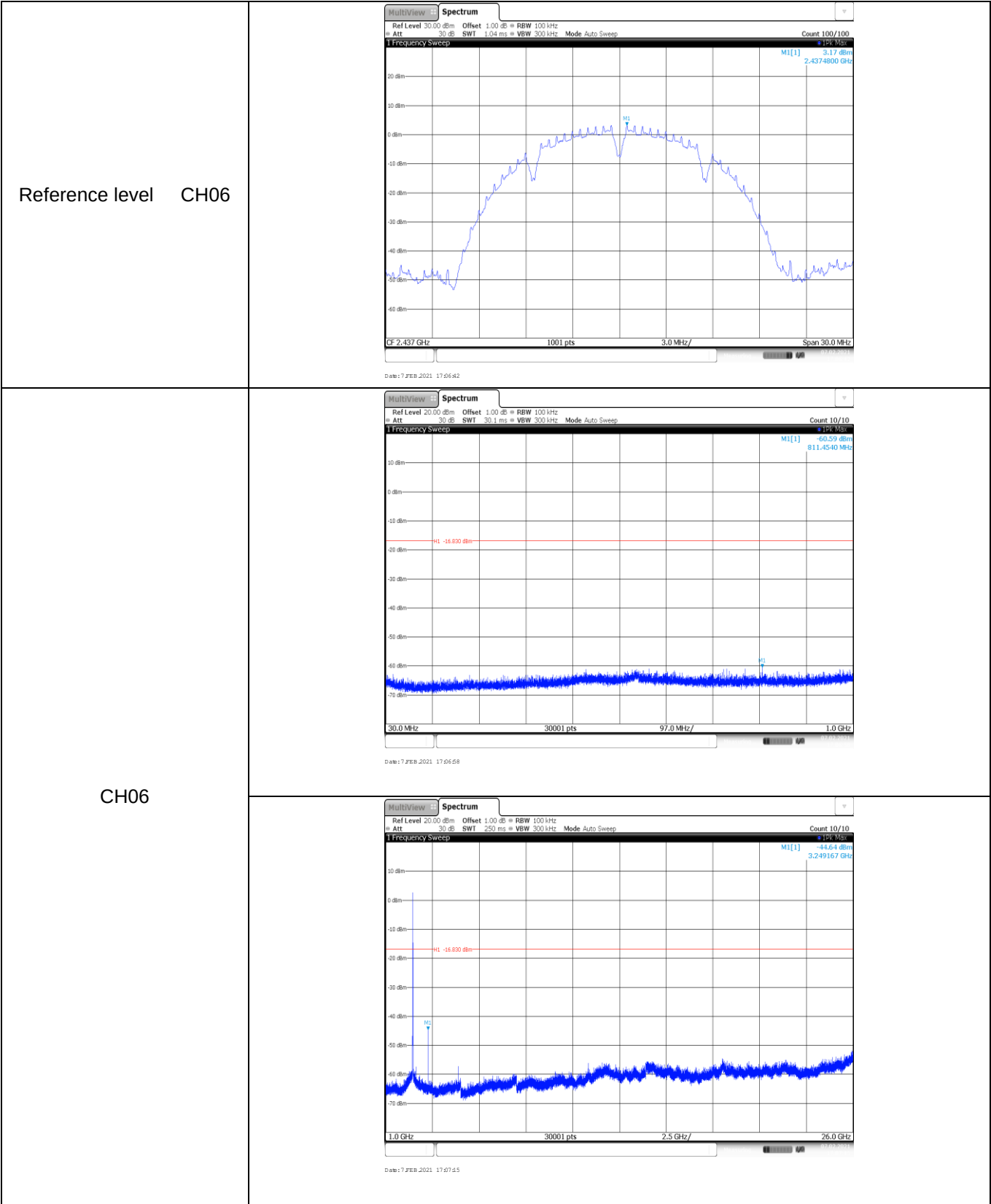
Test Item:	Bandedge	802.11 b	Antenna 1
CH01	<		

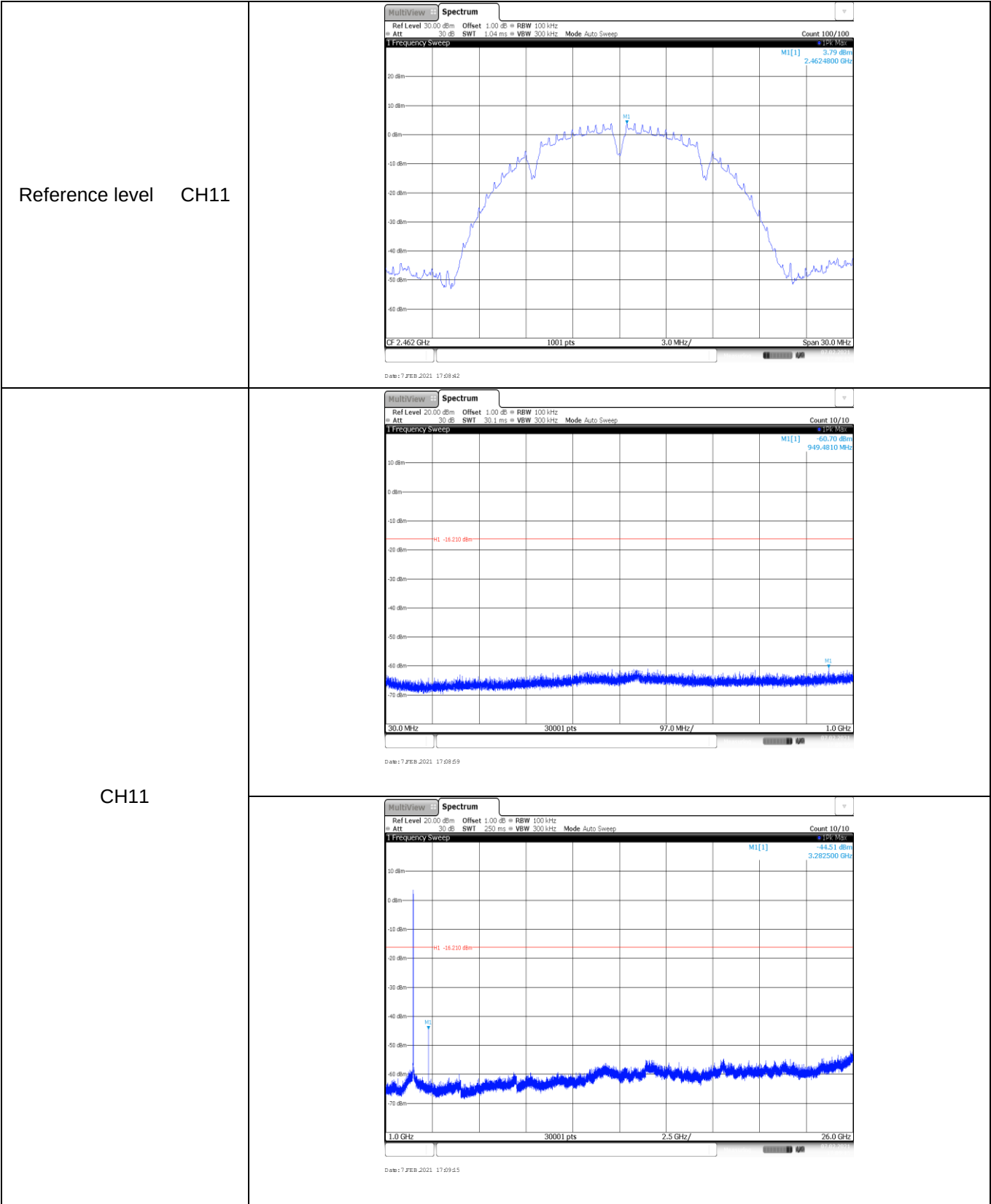
Test Item:	Bandedge	802.11 g	Antenna 1																																										
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 200/200 1 Frequency Sweep  2 Marker Table <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>2.41613 GHz</td><td>-7.75 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-43.79 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-60.48 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.70 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399936 GHz</td><td>-44.46 dBm</td><td></td><td></td></tr></table> Date: 7 FEB 2021 16:53:21			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41613 GHz	-7.75 dBm			M2	1		2.4 GHz	-43.79 dBm			M3	1		2.39 GHz	-60.48 dBm			M4	1		2.31 GHz	-62.70 dBm			M5	1		2.399936 GHz	-44.46 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41613 GHz	-7.75 dBm																																									
M2	1		2.4 GHz	-43.79 dBm																																									
M3	1		2.39 GHz	-60.48 dBm																																									
M4	1		2.31 GHz	-62.70 dBm																																									
M5	1		2.399936 GHz	-44.46 dBm																																									
CH11	MultiViewSpectrum 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  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>2.466122 GHz</td><td>-7.32 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-59.65 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-61.89 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.495344 GHz</td><td>-58.99 dBm</td><td></td><td></td></tr></table> Date: 8 FEB 2021 09:24:04			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.466122 GHz	-7.32 dBm			M2	1		2.4835 GHz	-59.65 dBm			M3	1		2.5 GHz	-61.89 dBm			M4	1		2.495344 GHz	-58.99 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.466122 GHz	-7.32 dBm																																									
M2	1		2.4835 GHz	-59.65 dBm																																									
M3	1		2.5 GHz	-61.89 dBm																																									
M4	1		2.495344 GHz	-58.99 dBm																																									



Test Item:	Bandedge	802.11 n(HT40)	Antenna 1																																										
CH03	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Count 200/200 Att 30 dB SWF 1.32 ms VBW 300 kHz Mode Auto Sweep 1 Frequency Sweep M1[1] -14.68 dBm 2.407250 GHz M2[1] -45.25 dBm 2.400000 GHz H1 -34.680 dBm M3 M4 2.31 GHz1001 pts13.2 MHz/2.442 GHz 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>2.40725 GHz</td><td>-14.68 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-45.25 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-60.53 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-62.20 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399892 GHz</td><td>-45.80 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 16:11:58			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40725 GHz	-14.68 dBm			M2	1		2.4 GHz	-45.25 dBm			M3	1		2.39 GHz	-60.53 dBm			M4	1		2.31 GHz	-62.20 dBm			M5	1		2.399892 GHz	-45.80 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.40725 GHz	-14.68 dBm																																									
M2	1		2.4 GHz	-45.25 dBm																																									
M3	1		2.39 GHz	-60.53 dBm																																									
M4	1		2.31 GHz	-62.20 dBm																																									
M5	1		2.399892 GHz	-45.80 dBm																																									
CH09	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Count 200/200 Att 30 dB SWF 1.1 ms VBW 300 kHz Mode Auto Sweep 1 Frequency Sweep M1[1] -15.21 dBm 2.437330 GHz M2[1] -62.19 dBm 2.4835000 GHz H1 -35.210 dBm M3 M4 2.432 GHz1001 pts6.8 MHz/2.5 GHz 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>2.437333 GHz</td><td>-15.21 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-62.19 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-62.30 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.498028 GHz</td><td>-59.74 dBm</td><td></td><td></td></tr></table> Date: 7.FEB.2021 16:24:47			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.437333 GHz	-15.21 dBm			M2	1		2.4835 GHz	-62.19 dBm			M3	1		2.5 GHz	-62.30 dBm			M4	1		2.498028 GHz	-59.74 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.437333 GHz	-15.21 dBm																																									
M2	1		2.4835 GHz	-62.19 dBm																																									
M3	1		2.5 GHz	-62.30 dBm																																									
M4	1		2.498028 GHz	-59.74 dBm																																									

Test Item:	SE	802.11 b	Antenna 0
Reference levelCH01	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1]4.23 dBm 2.4124800 GHz  CF 2.412 GHz1001 pts3.0 MHz/Span 30.0 MHz Date: 7 FEB 2021 17:04:36		
CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1]-59.95 dBm 5.46.0390 MHz  30.0 MHz30001 pts97.0 MHz/1.0 GHz Date: 7 FEB 2021 17:04:52		
	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1]-43.90 dBm 3.215833 GHz  1.0 GHz30001 pts2.5 GHz/26.0 GHz Date: 7 FEB 2021 17:05:08		





Test Item:	SE	802.11 g	Antenna 0
Reference level CH01	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -6.93 dBm 2.4161060 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 7 FEB 2021 15:20:25		
	CH01	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -59.58 dBm 553.7660 MHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 7 FEB 2021 15:20:41	
		MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30.0 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -48.15 dBm 3.215833 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 7 FEB 2021 15:20:58	

Reference level

CH06

Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz
Att 30 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep
Count 100/100
Frequency Sweep
M1[1] -74.43 dBm
2.441060 GHz
CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz
Date: 7 FEB 2021 15:23:06

CH06

Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz
Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep
Count 10/10
Frequency Sweep
M1[1] 61.12 dBm
980.2290 MHz
M1 -27.450 dBm
30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz
Date: 7 FEB 2021 15:23:22

Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz
Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep
Count 10/10
Frequency Sweep
M1[1] -48.69 dBm
3.249167 GHz
M1 -27.450 dBm
1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz
Date: 7 FEB 2021 15:23:39

