

APPENDIX REPORT

Project No.	SHT2207038201EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT22070382008	Model No.	CPE-0001
Start test date	2022-07-20	Finish date	2022-08-05
Temperature	25.7℃	Humidity	46%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zhao

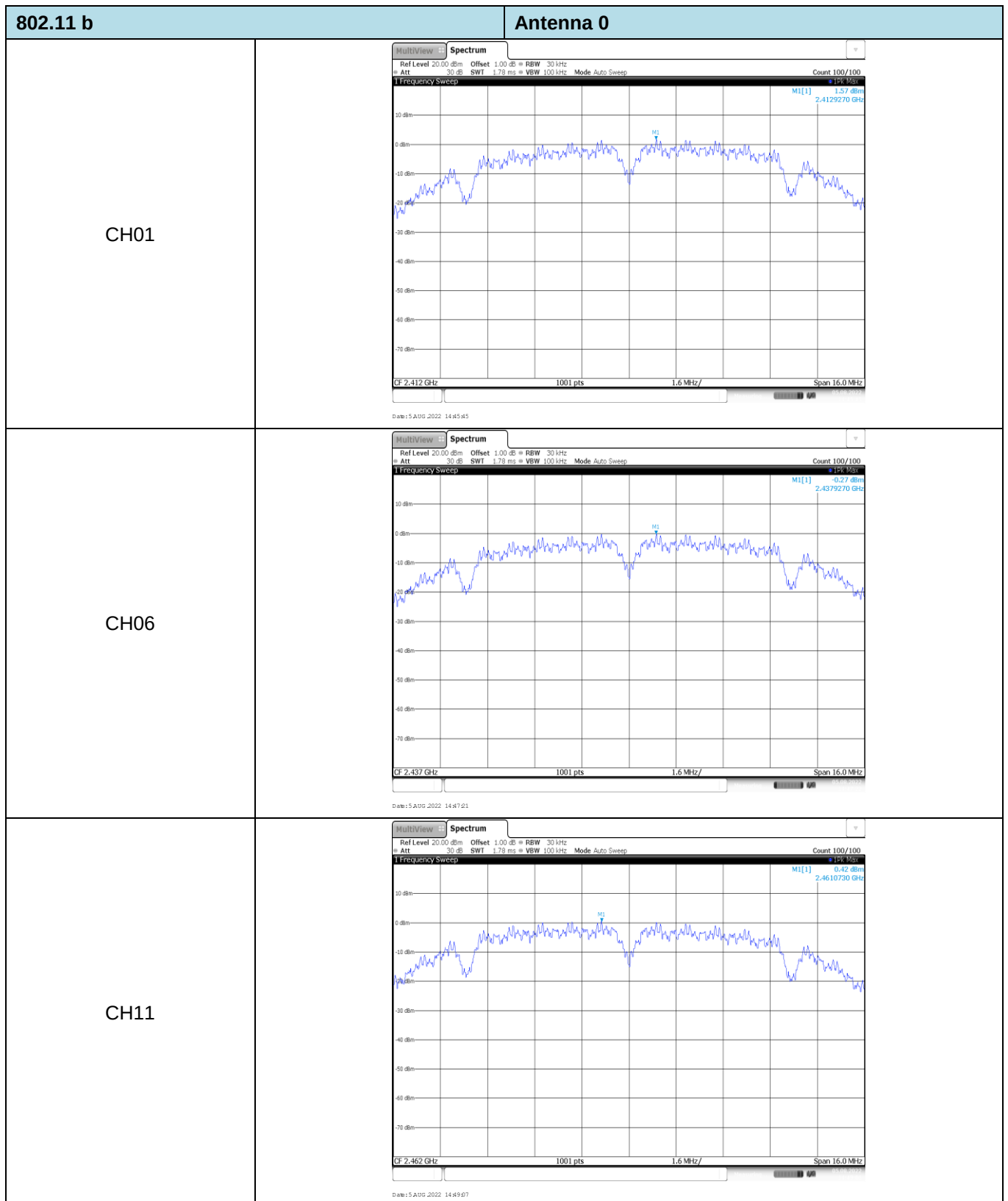
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions(coducted)	PASS

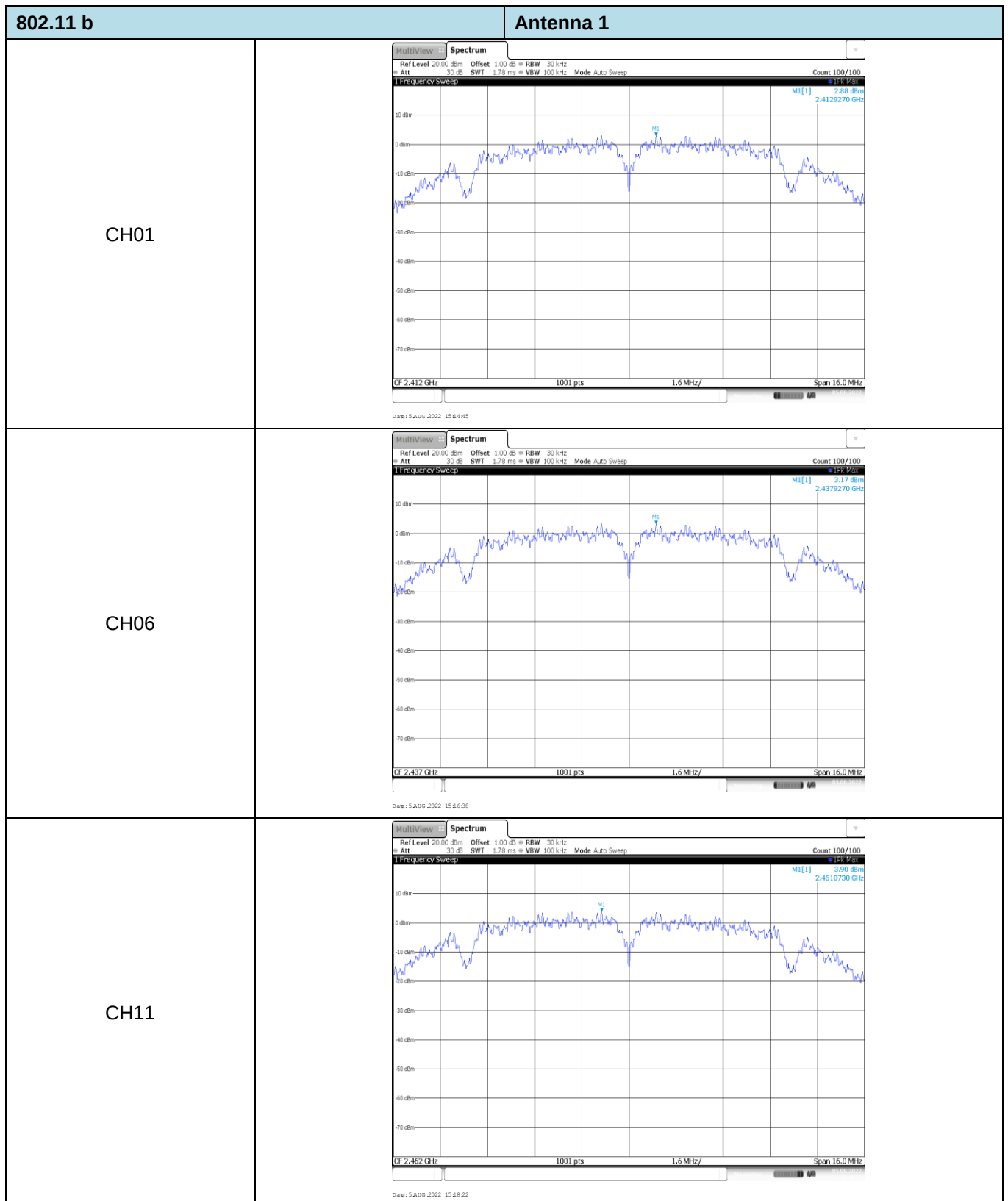
Appendix A: Conducted Peak Output Power

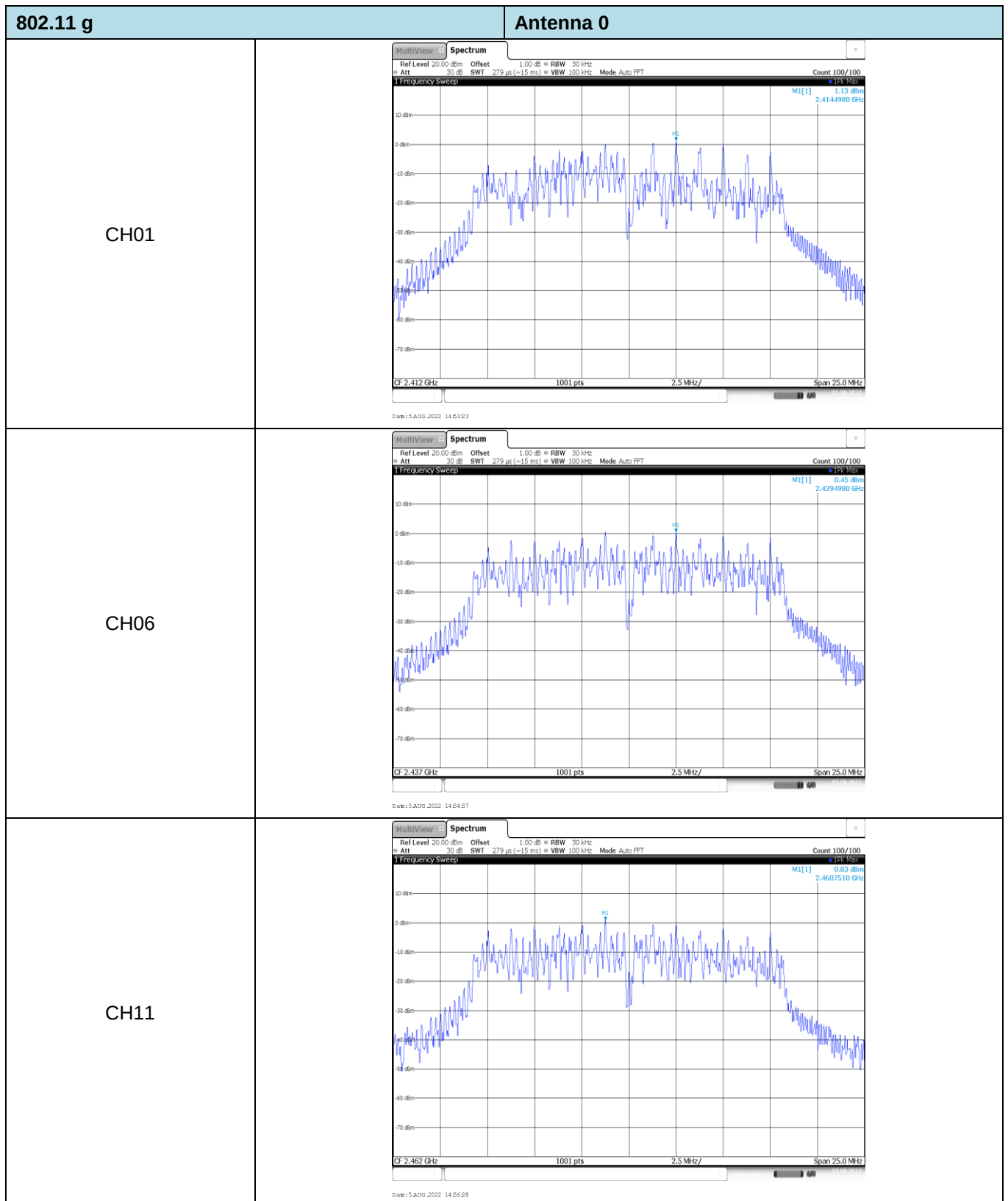
Type	Channel	Peak Output power (dBm)			Average Output power (dBm)			Limit (dBm)	Result
		Antenna 0	Antenna 1	Total	Antenna 0	Antenna 1	Total		
802.11b	01	19.56	20.71	-	17.02	18.15	-	≤30.00	Pass
	06	18.20	21.11	-	15.66	18.55	-		
	11	18.87	21.52	-	16.30	19.01	-		
802.11g	01	22.68	22.11	-	20.55	19.88	-	≤30.00	Pass
	06	22.09	22.68	-	19.94	20.51	-		
	11	22.34	23.00	-	20.18	20.85	-		
802.11n (HT20)	01	18.91	18.40	21.67	16.45	16.08	19.28	≤30.00	Pass
	06	18.25	18.88	21.62	15.74	16.58	19.19		
	11	18.68	19.43	22.07	16.17	17.11	19.68		
802.11n (HT40)	03	18.03	18.65	21.37	15.40	16.11	18.78	≤30.00	Pass
	06	18.10	18.74	21.42	15.43	16.21	18.85		
	09	18.82	19.20	22.01	16.22	17.34	19.83		

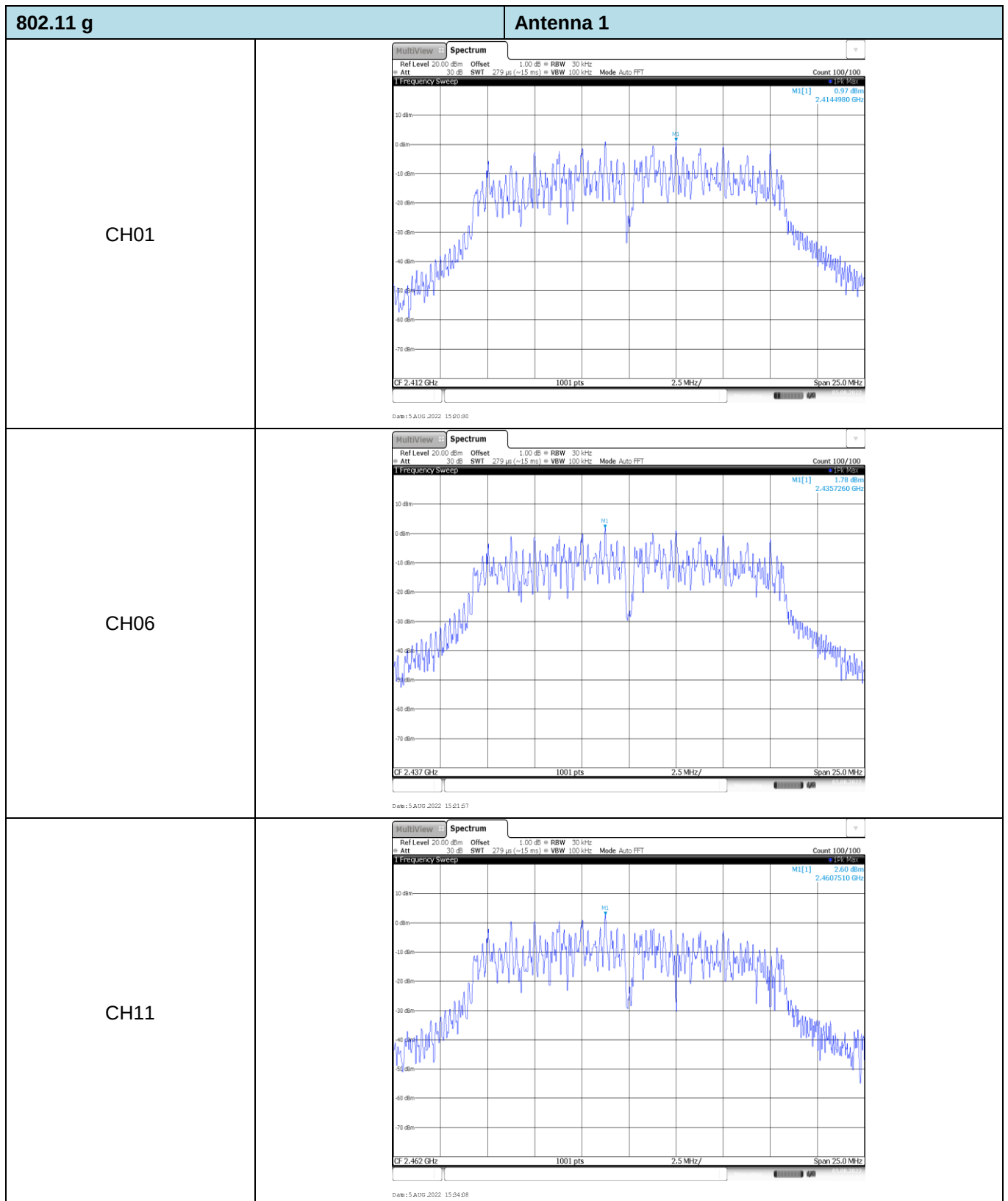
Appendix B: Power Spectral Density

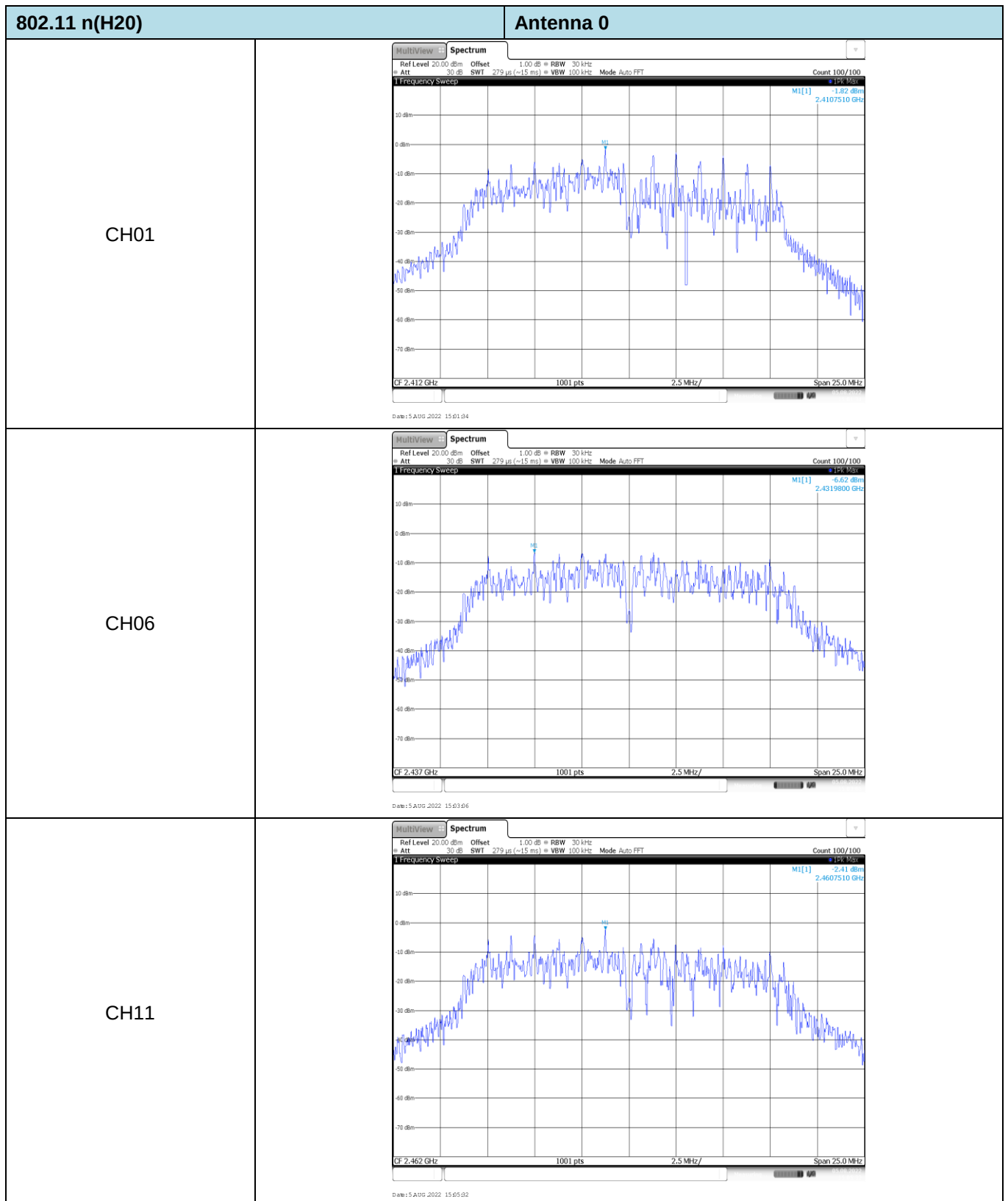
Type	Channel	Power Spectral Density (dBm/30KHz)		Total Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
		Antenna 0	Antenna 1			
802.11b	01	1.57	2.88	-	≤8.00	Pass
	06	-0.27	3.17	-		
	11	0.42	3.90	-		
802.11g	01	1.13	0.97	-	≤8.00	Pass
	06	0.45	1.78	-		
	11	0.83	2.60	-		
802.11n(HT20)	01	-1.82	-4.88	0.39	≤8.00	Pass
	06	-6.62	-3.63	-1.31		
	11	-2.41	-2.14	0.74		
802.11n(HT40)	03	-7.11	-5.15	-3.01	≤8.00	Pass
	06	-6.17	-5.46	-2.79		
	09	-4.76	-6.67	-2.60		

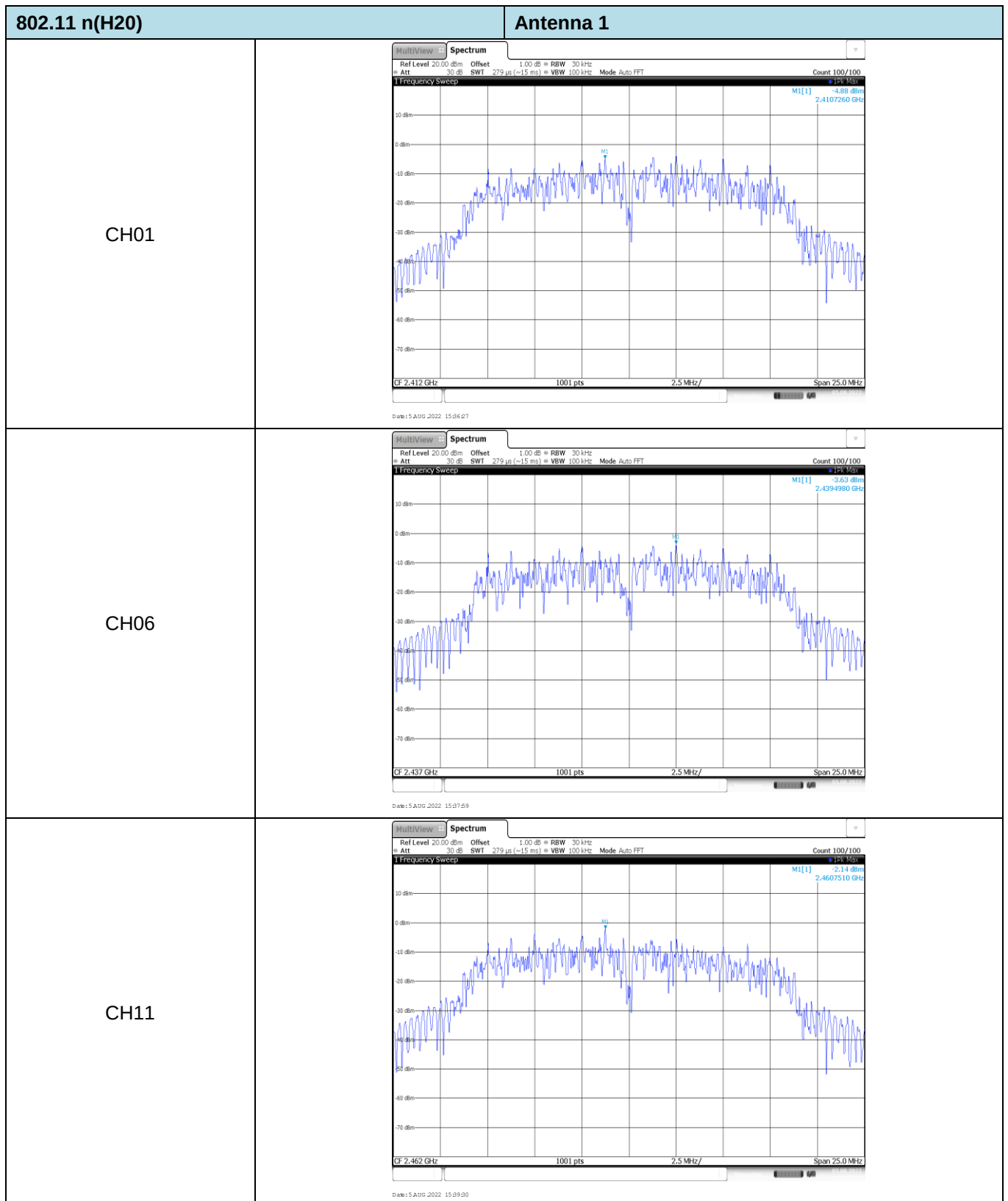


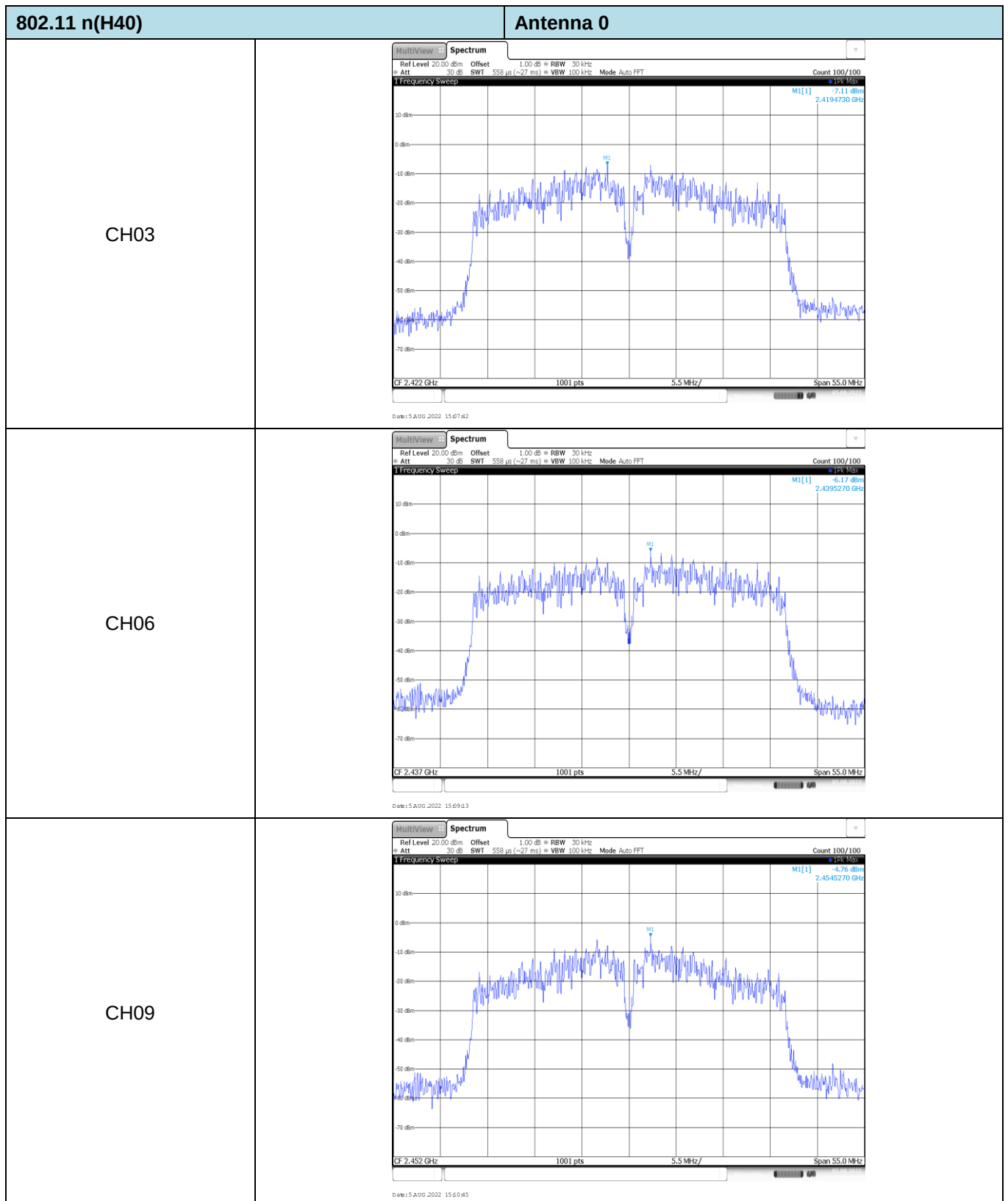


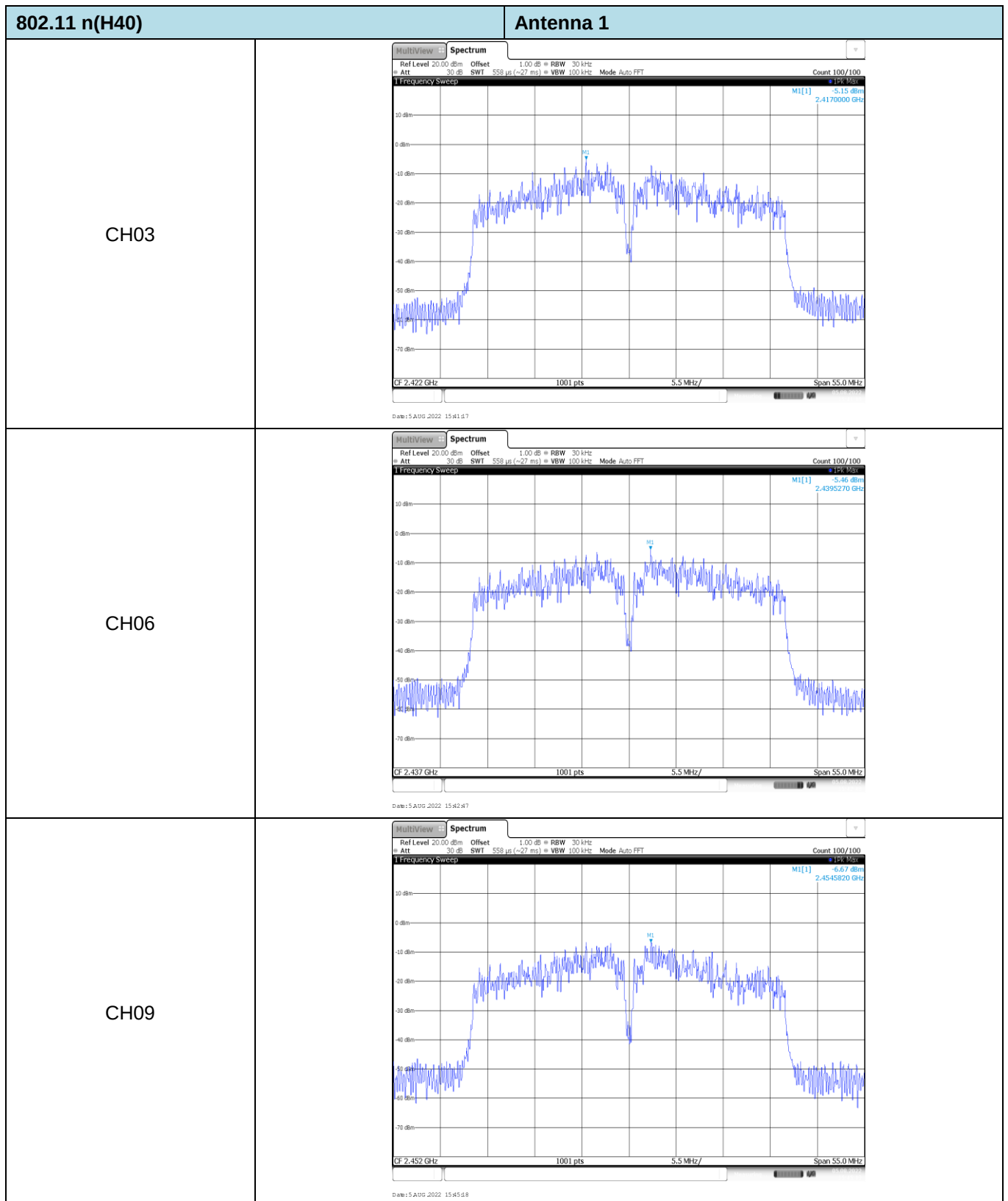










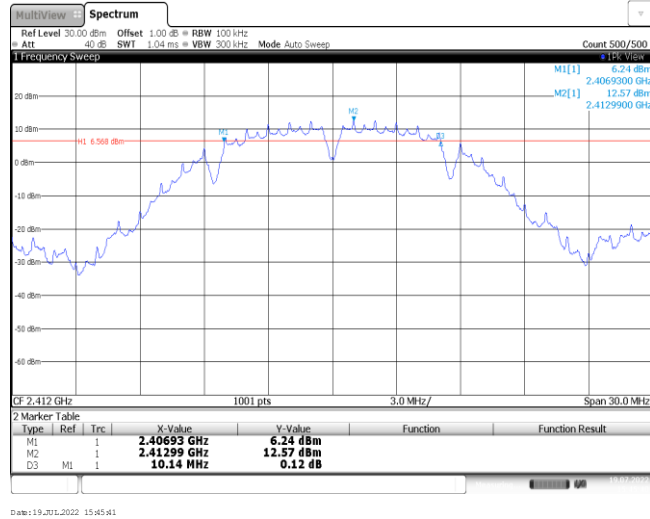


Appendix C: 6dB Bandwidth

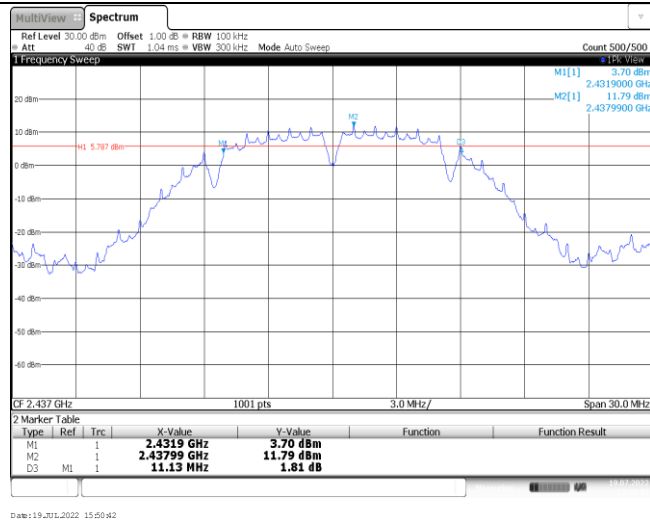
Type	Channel	6dB Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	10.14	≥500	Pass
	06	11.13		
	11	10.17		
802.11g	01	13.92	≥500	Pass
	06	15.15		
	11	15.18		
802.11n(HT20)	01	13.89	≥500	Pass
	06	15.15		
	11	15.15		
802.11n(HT40)	03	22.74	≥500	Pass
	06	25.20		
	09	20.16		

802.11 b

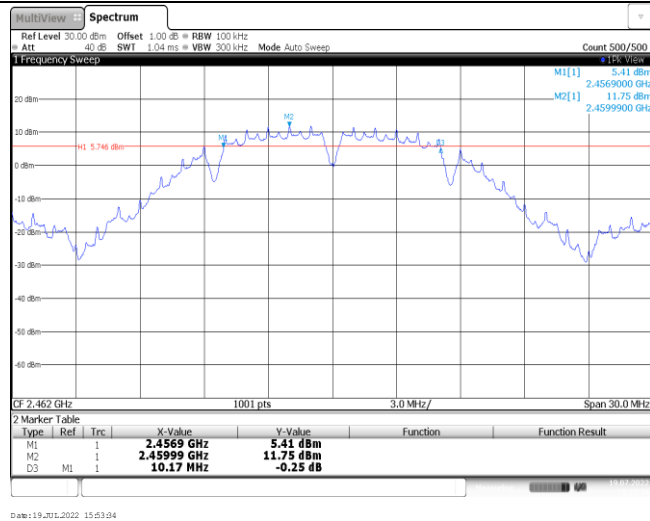
CH01



CH06

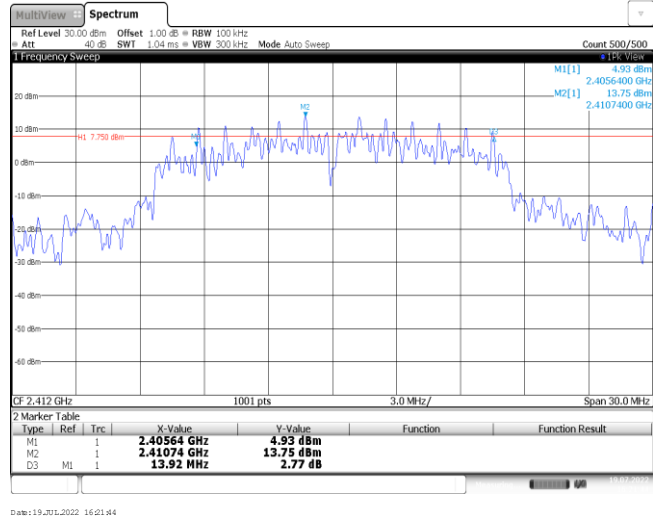


CH11

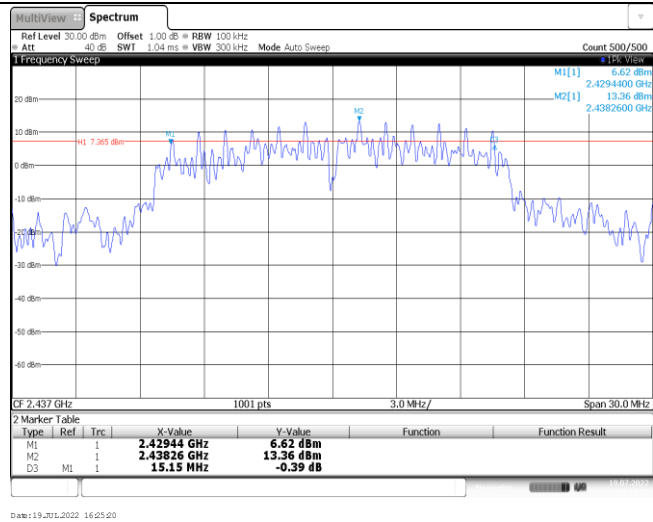


802.11 g

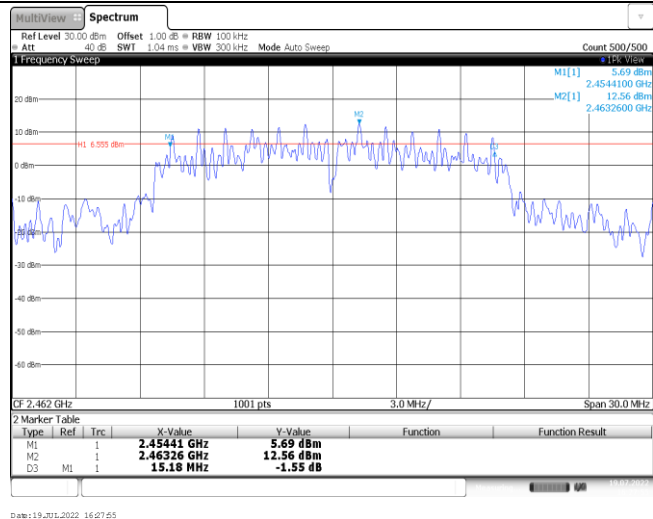
CH01



CH06

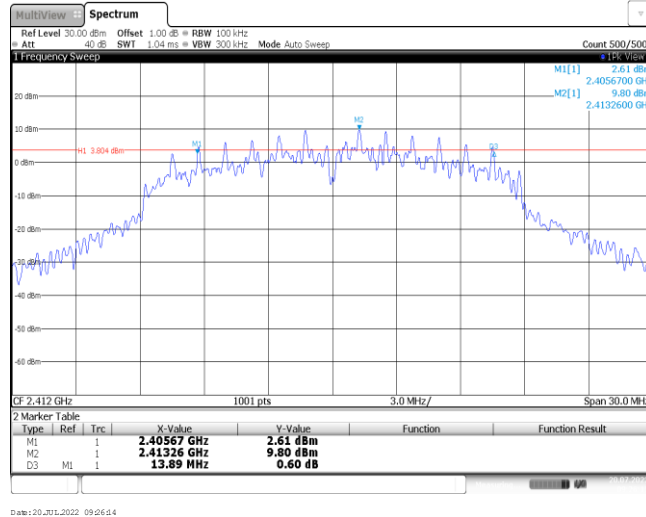


CH11

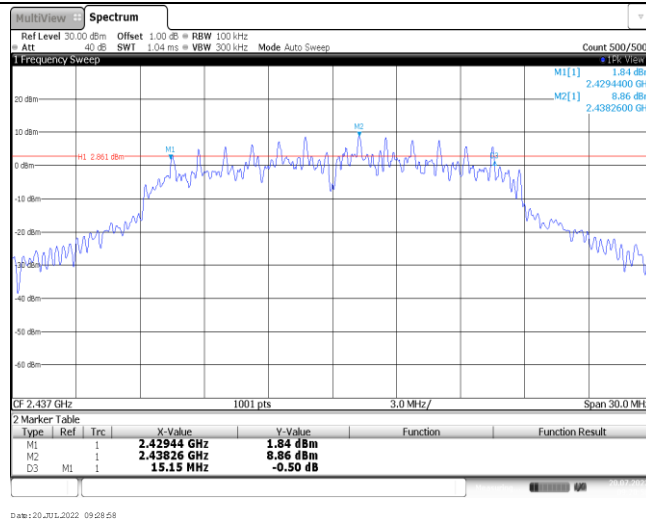


802.11n(HT20)

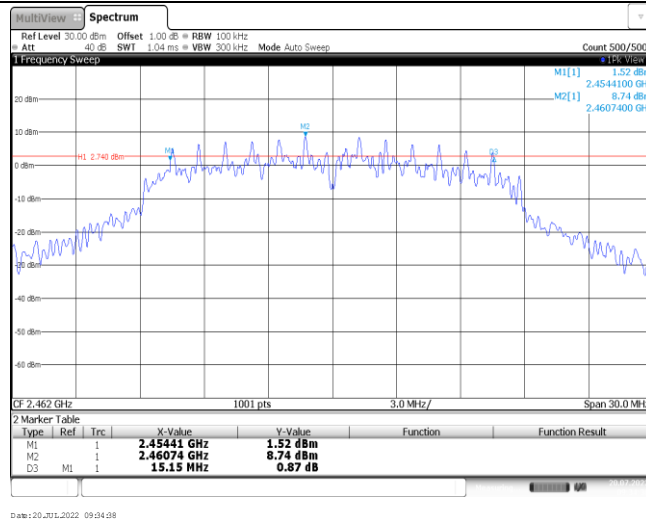
CH01



CH06

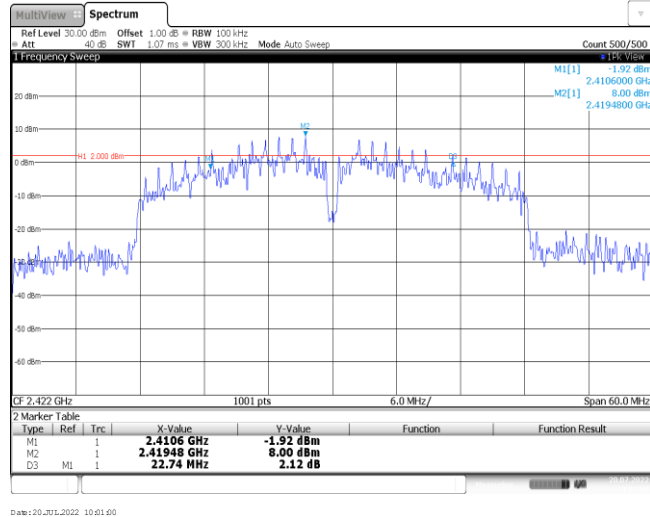


CH11

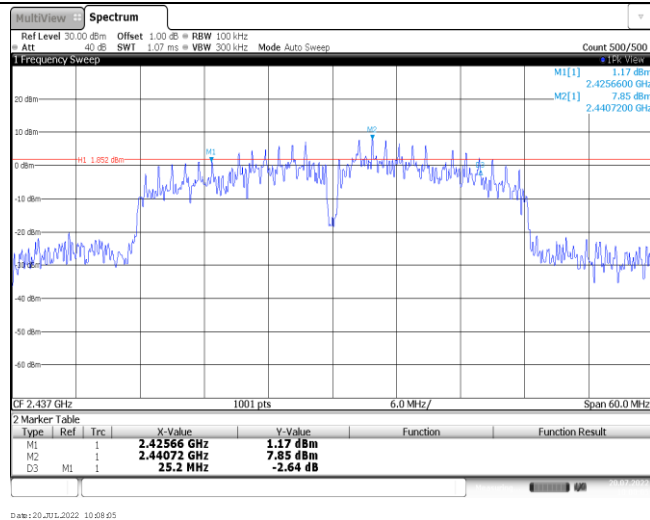


802.11n(HT40)

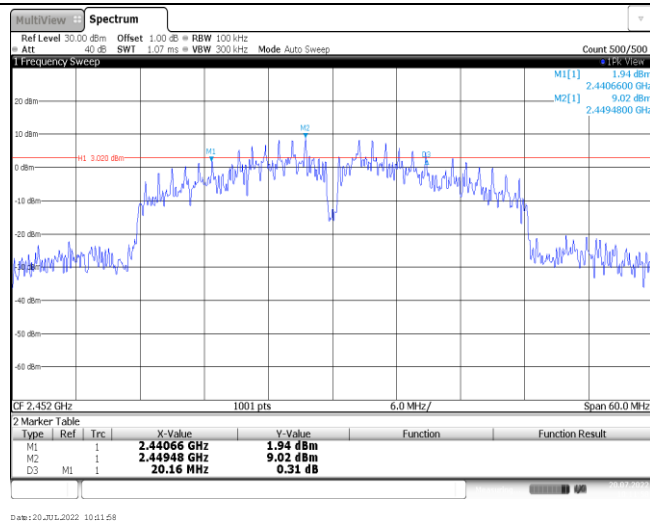
CH03



CH06



CH09

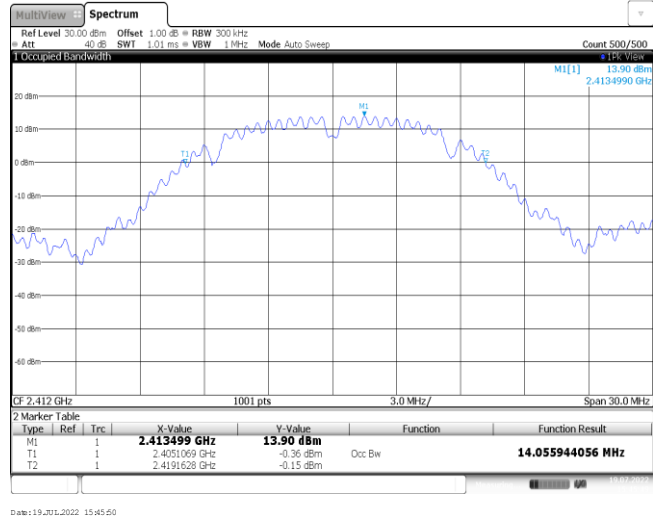


Appendix D: 99% Occupied Bandwidth

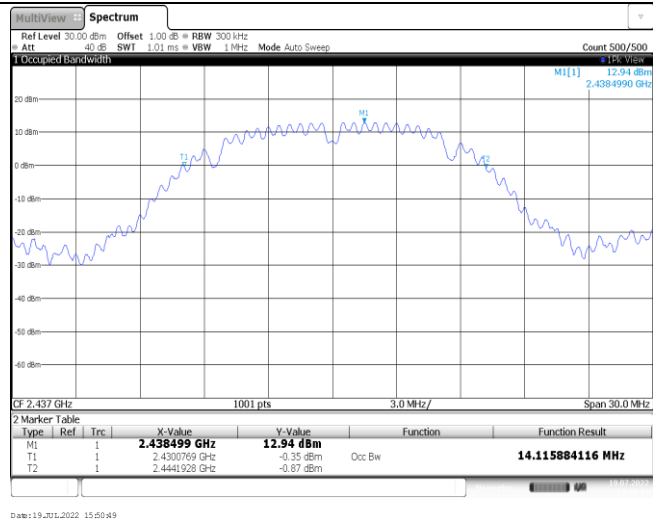
Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	14.06	-	Pass
	06	14.12		
	11	14.93		
802.11g	01	16.54	-	Pass
	06	17.23		
	11	18.04		
802.11n(HT20)	01	17.62	-	Pass
	06	18.43		
	11	18.70		
802.11n(HT40)	03	34.77	-	Pass
	06	35.31		
	09	34.41		

802.11 b

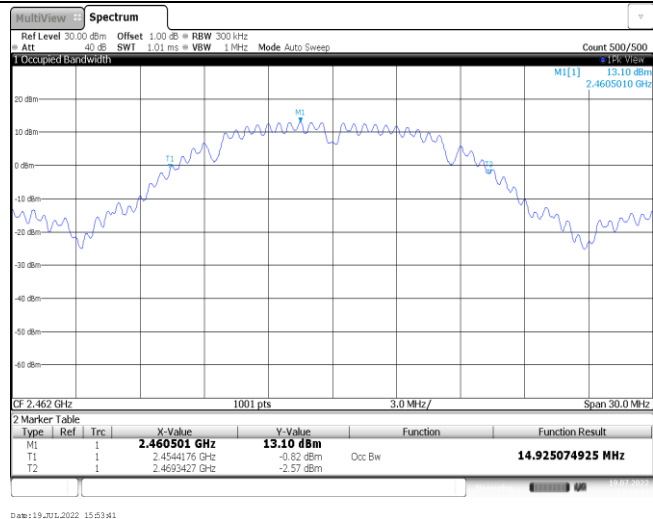
CH01



CH06

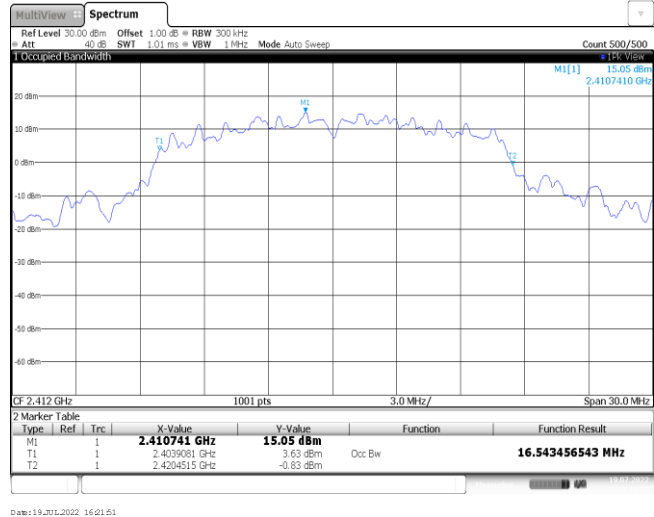


CH11

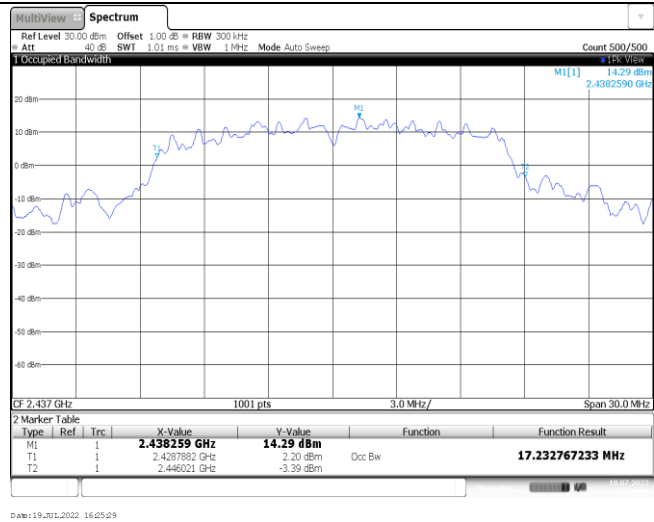


802.11 g

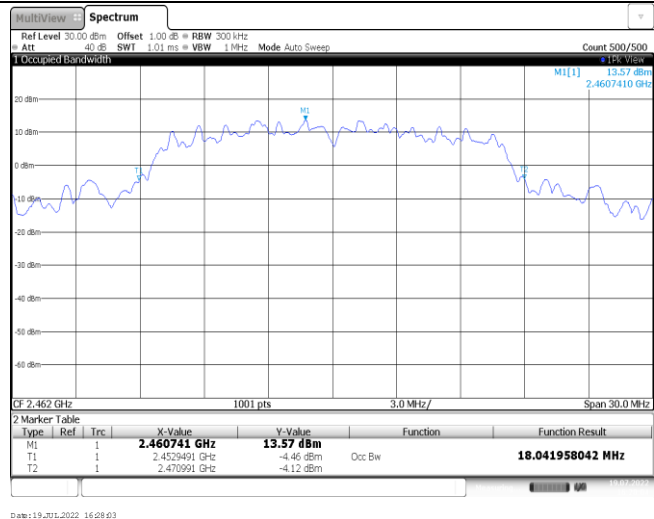
CH01



CH06

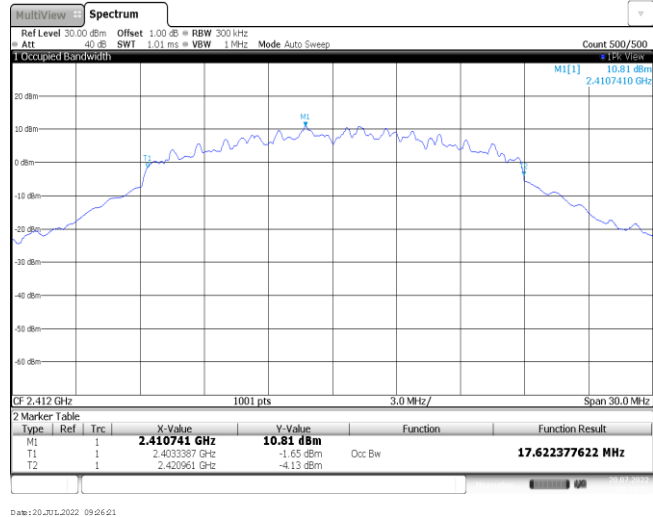


CH11

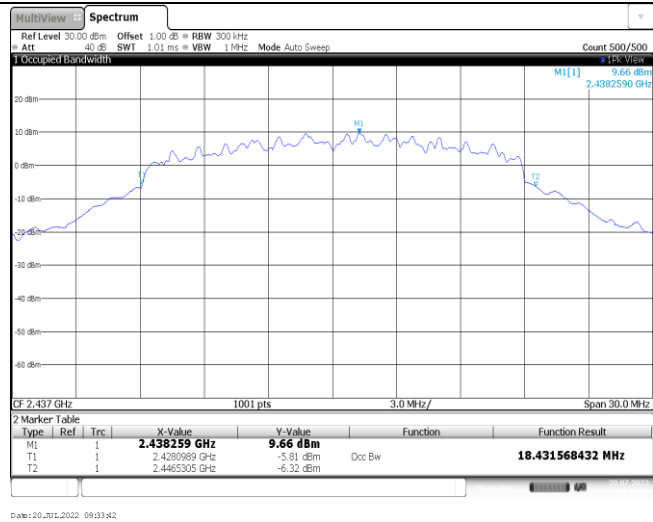


802.11n(HT20)

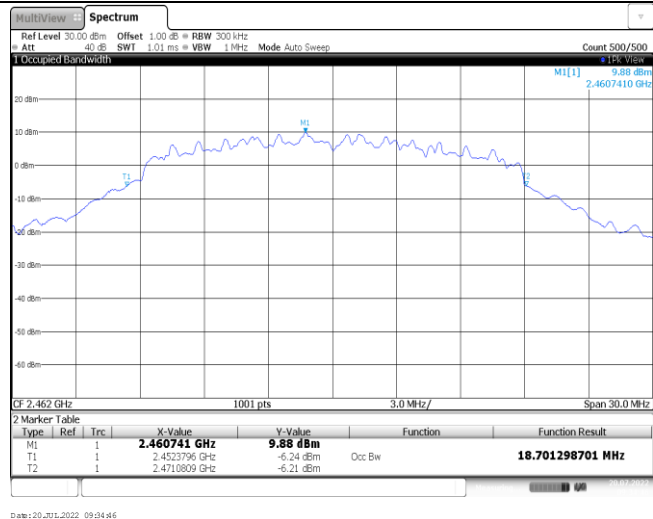
CH01



CH06

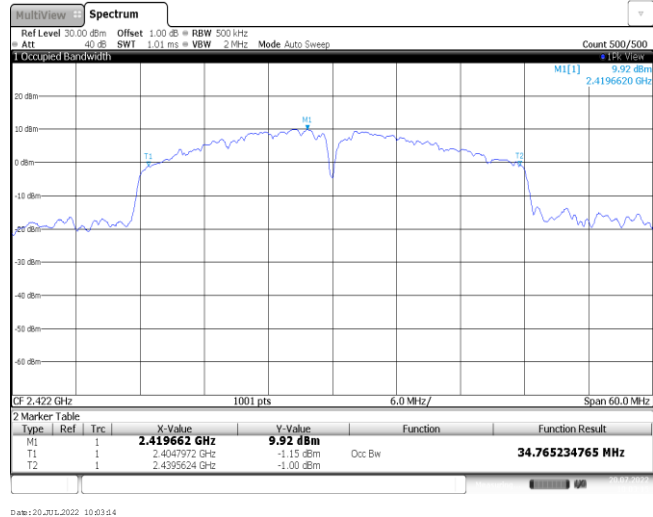


CH11

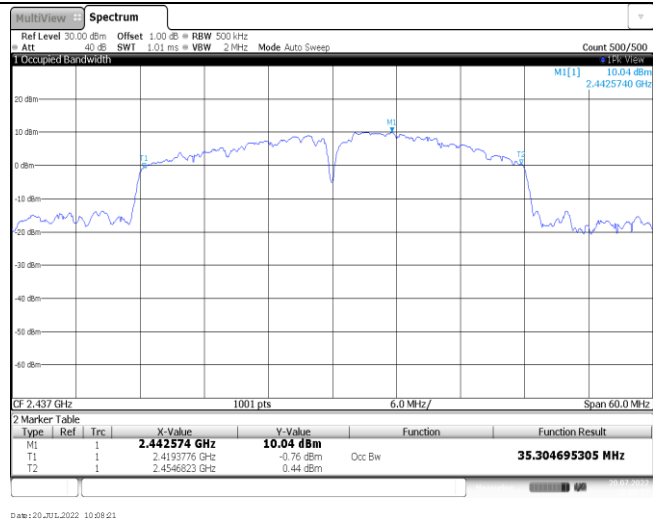


802.11n(HT40)

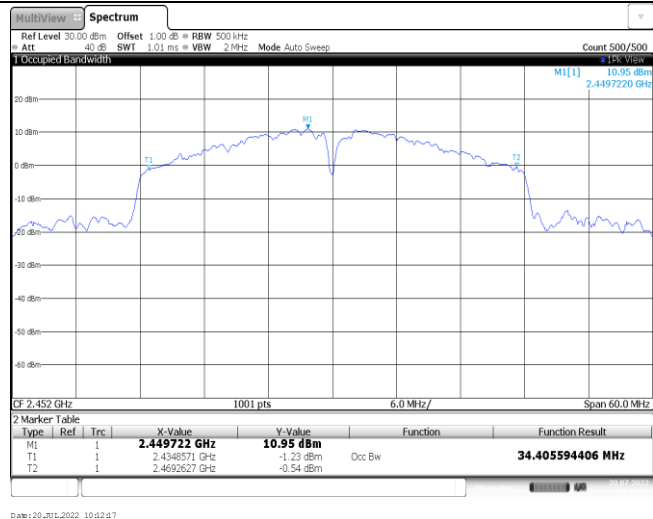
CH03



CH06



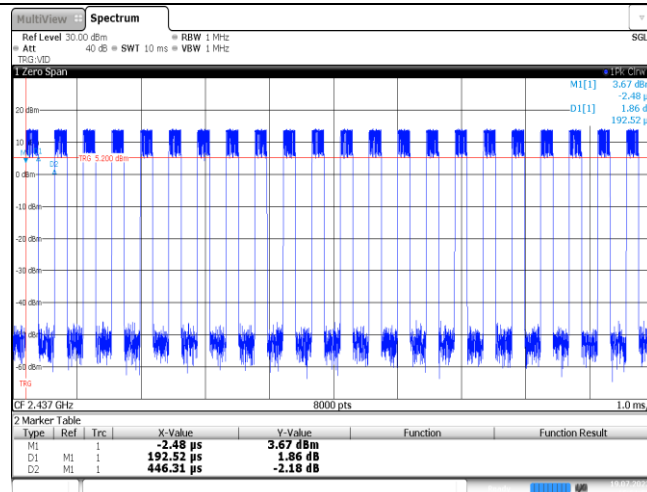
CH09



Appendix E: Duty Cycle

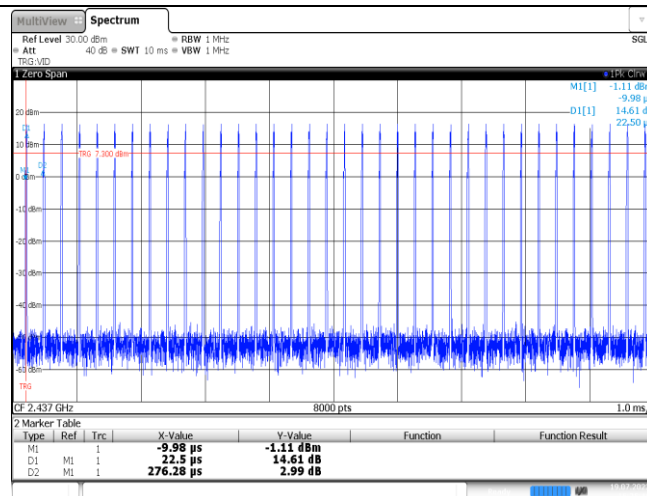
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	0.19	0.45	0.19	0.45
11g	2437	0.02	0.28	0.02	0.28
11n20	2437	0.04	0.29	0.04	0.29
11n40	2437	0.04	0.29	0.04	0.29

11b



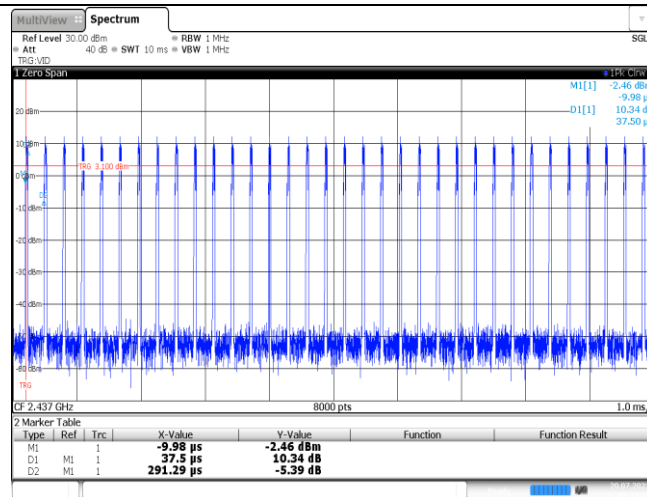
Date: 19_JUL_2022 15:51:05

11g



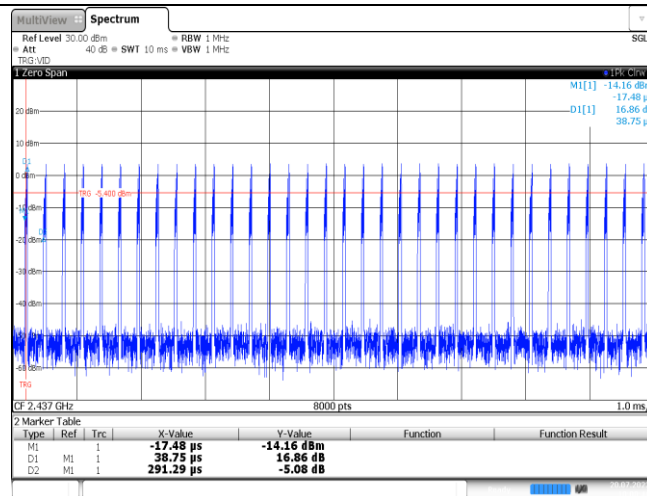
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11n20



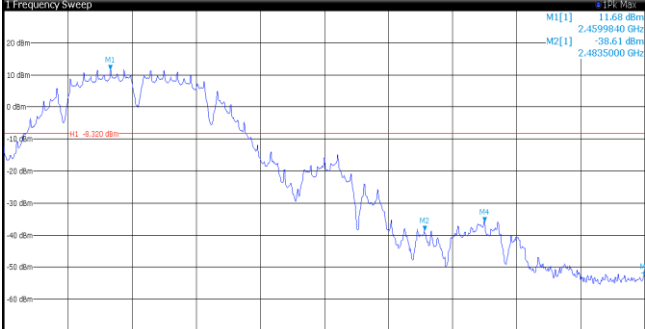
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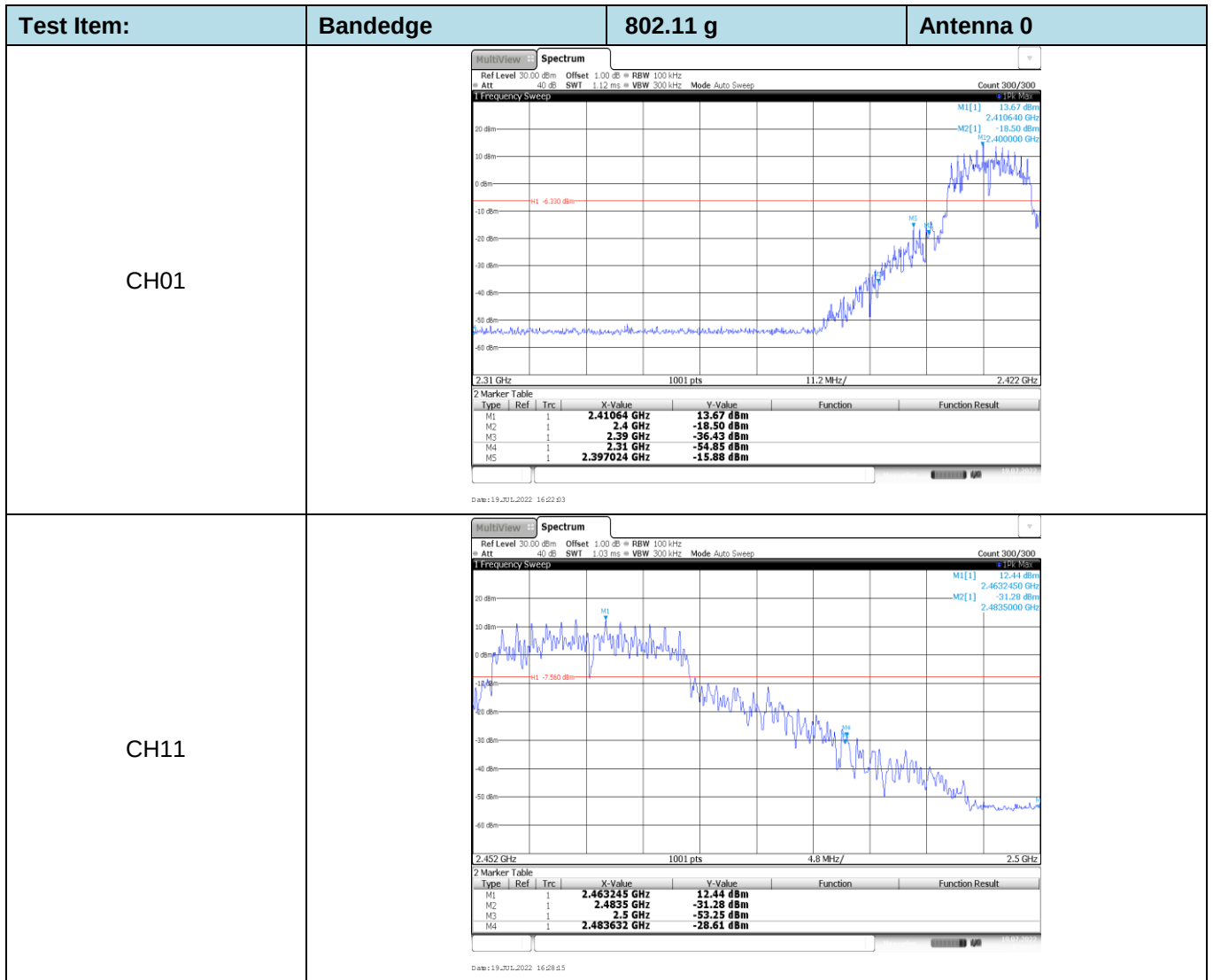
11n40



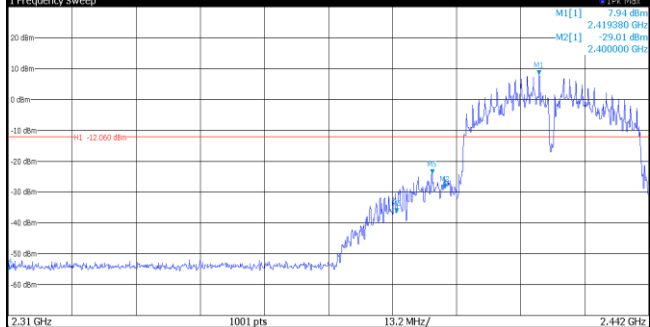
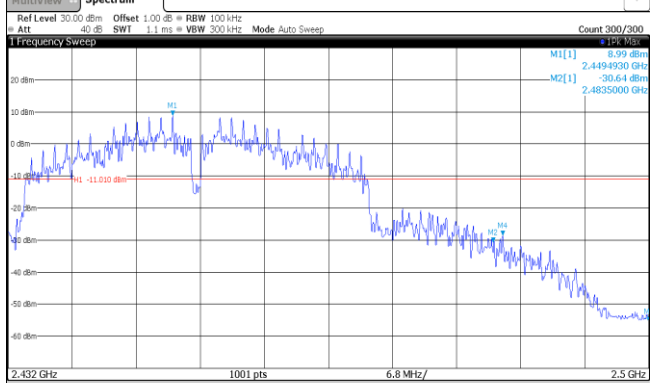
Date: 20 JUL 2022 10:08:45

Appendix F: Band Edge and Spurious Emissions (Conducted)

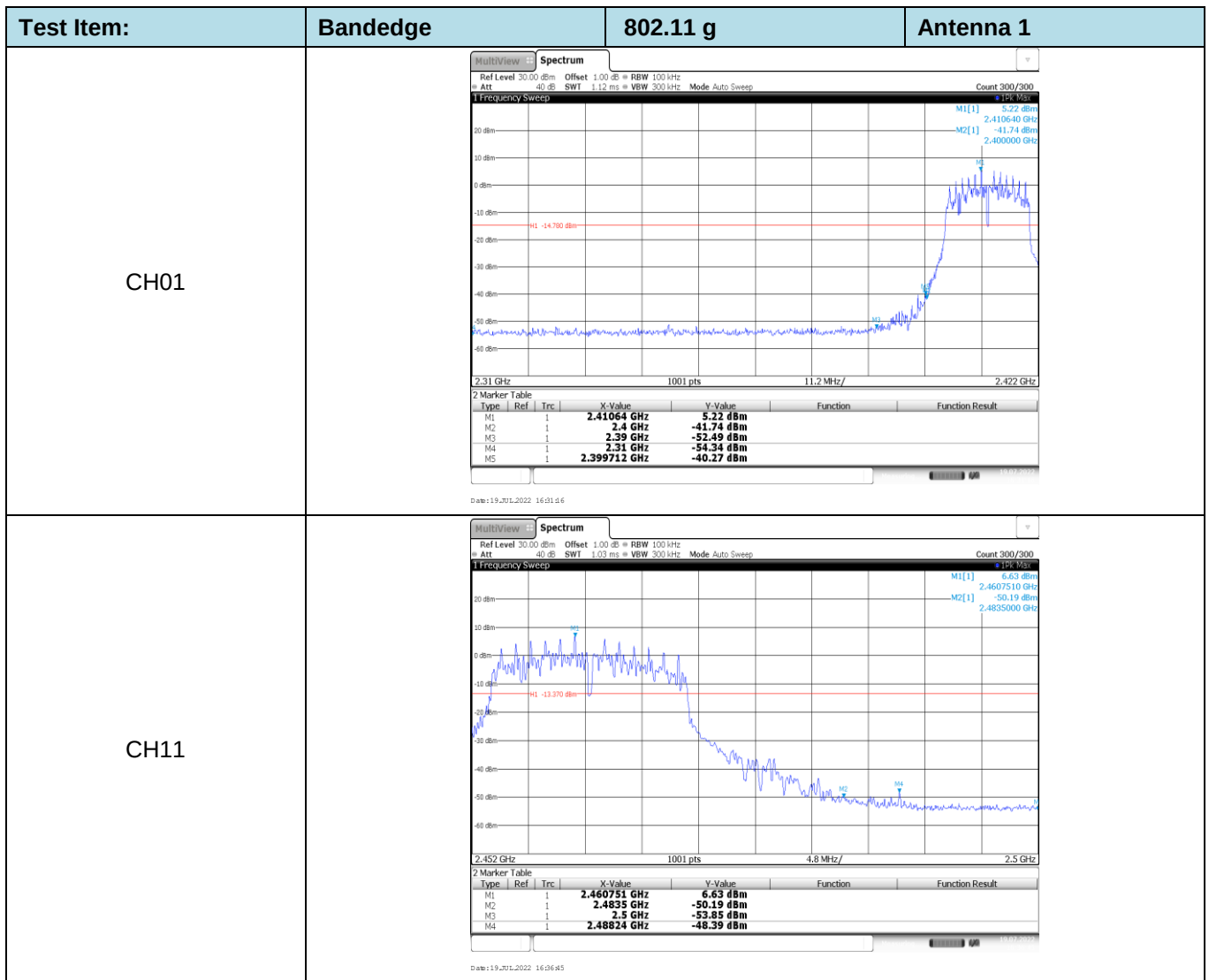
Test Item:	Bandedge	802.11 b	Antenna 0																																										
CH01	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 40 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2 Marker Table <table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.41501 GHz</td><td>12.43 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-30.87 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-40.41 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.79 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.397024 GHz</td><td>-22.60 dBm</td><td></td><td></td></tr></tbody></table> Date: 19 Jul 2022 15:46:02			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41501 GHz	12.43 dBm			M2	1		2.4 GHz	-30.87 dBm			M3	1		2.39 GHz	-40.41 dBm			M4	1		2.31 GHz	-54.79 dBm			M5	1		2.397024 GHz	-22.60 dBm		
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M1	1		2.41501 GHz	12.43 dBm																																									
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CH11	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 40 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.459984 GHz</td><td>11.68 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-38.61 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-51.77 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.488 GHz</td><td>-35.74 dBm</td><td></td><td></td></tr></tbody></table> Date: 19 Jul 2022 15:53:52			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.459984 GHz	11.68 dBm			M2	1		2.4835 GHz	-38.61 dBm			M3	1		2.5 GHz	-51.77 dBm			M4	1		2.488 GHz	-35.74 dBm									
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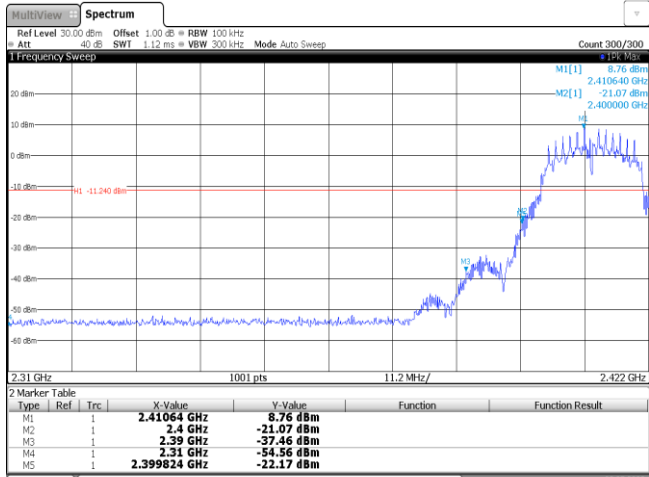
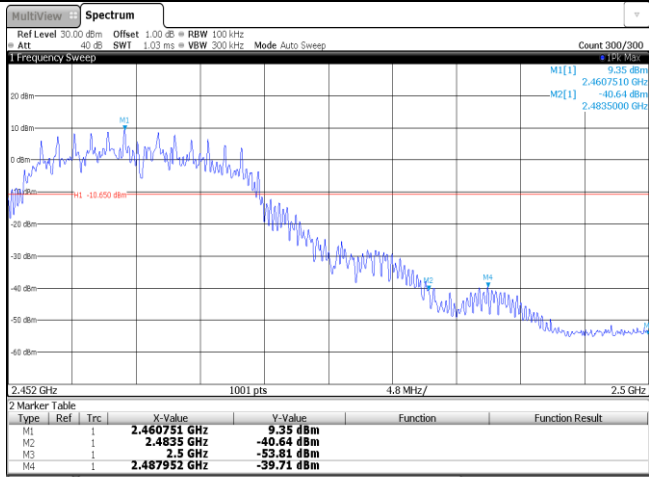


Test Item:	Bandedge	802.11 n(HT20)	Antenna 0																																										
CH01	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 200/200 Frequency Sweep M1[1] 9.48 dBm 2.410640 GHz -23.36 dBm M2[1] 2.400000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm 2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz 2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.41064 GHz</td><td>9.48 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-23.36 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-41.07 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.28 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399712 GHz</td><td>-25.30 dBm</td><td></td><td></td></tr></tbody></table> Date: 20_JUL_2022 09:26:02			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41064 GHz	9.48 dBm			M2	1		2.4 GHz	-23.36 dBm			M3	1		2.39 GHz	-41.07 dBm			M4	1		2.31 GHz	-54.28 dBm			M5	1		2.399712 GHz	-25.30 dBm		
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CH11	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 Frequency Sweep M1[1] 8.69 dBm 2.4607510 GHz -42.40 dBm M2[1] 2.4835000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm 2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz 2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.460751 GHz</td><td>8.69 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-42.40 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-53.16 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.48392 GHz</td><td>-40.03 dBm</td><td></td><td></td></tr></tbody></table> Date: 20_JUL_2022 09:34:57			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460751 GHz	8.69 dBm			M2	1		2.4835 GHz	-42.40 dBm			M3	1		2.5 GHz	-53.16 dBm			M4	1		2.48392 GHz	-40.03 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M3	1		2.5 GHz	-53.16 dBm																																									
M4	1		2.48392 GHz	-40.03 dBm																																									

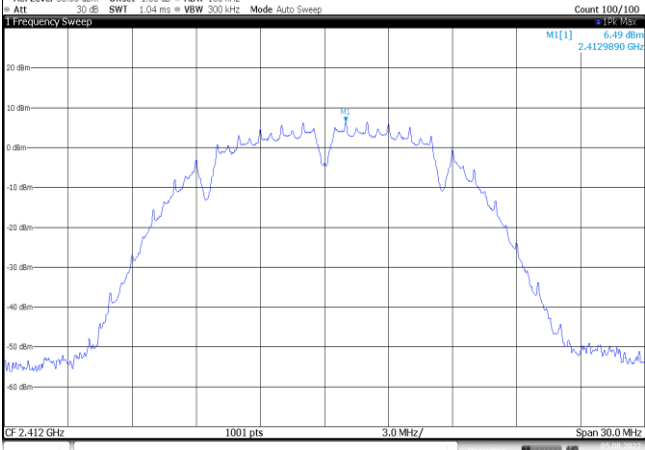
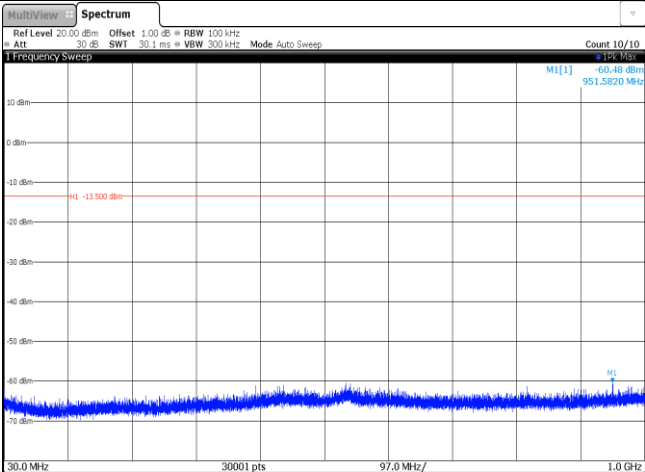
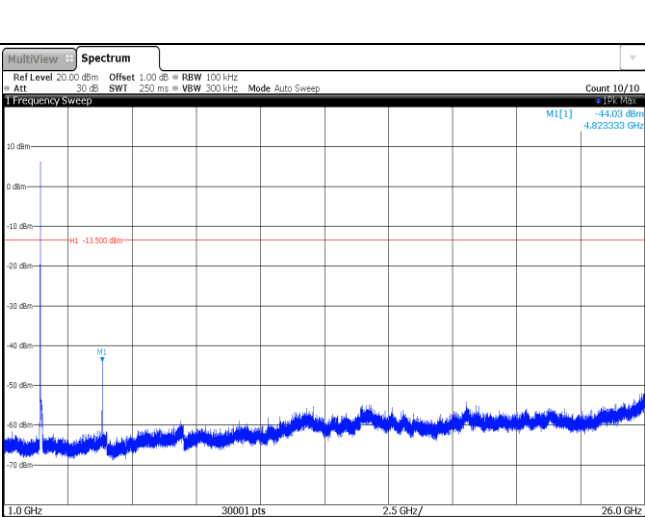
Test Item:	Bandedge	802.11 n(HT40)	Antenna 0																																										
CH03	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 40 dB SWT 1.52 ms VBW 300 kHz Mode Auto Sweep Count 200/300 1 Frequency Sweep  M1[1] 7.94 dBm 2.419380 GHz M2[1] -29.01 dBm 2.400000 GHz 2.31 GHz 1001 pts 13.2 MHz/ 2.42 GHz 2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.41938 GHz</td><td>7.94 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-29.01 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-36.64 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.47 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.397384 GHz</td><td>-24.07 dBm</td><td></td><td></td></tr></tbody></table> Date: 20_JUL_2022 10:13:06			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41938 GHz	7.94 dBm			M2	1		2.4 GHz	-29.01 dBm			M3	1		2.39 GHz	-36.64 dBm			M4	1		2.31 GHz	-54.47 dBm			M5	1		2.397384 GHz	-24.07 dBm		
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M3	1		2.39 GHz	-36.64 dBm																																									
M4	1		2.31 GHz	-54.47 dBm																																									
M5	1		2.397384 GHz	-24.07 dBm																																									
CH09	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 40 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  M1[1] 8.99 dBm 2.4494930 GHz M2[1] -30.64 dBm 2.4835000 GHz 2.432 GHz 1001 pts 6.8 MHz/ 2.5 GHz 2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.449493 GHz</td><td>8.99 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-30.64 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-54.43 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484496 GHz</td><td>-28.52 dBm</td><td></td><td></td></tr></tbody></table> Date: 20_JUL_2022 10:12:05			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.449493 GHz	8.99 dBm			M2	1		2.4835 GHz	-30.64 dBm			M3	1		2.5 GHz	-54.43 dBm			M4	1		2.484496 GHz	-28.52 dBm									
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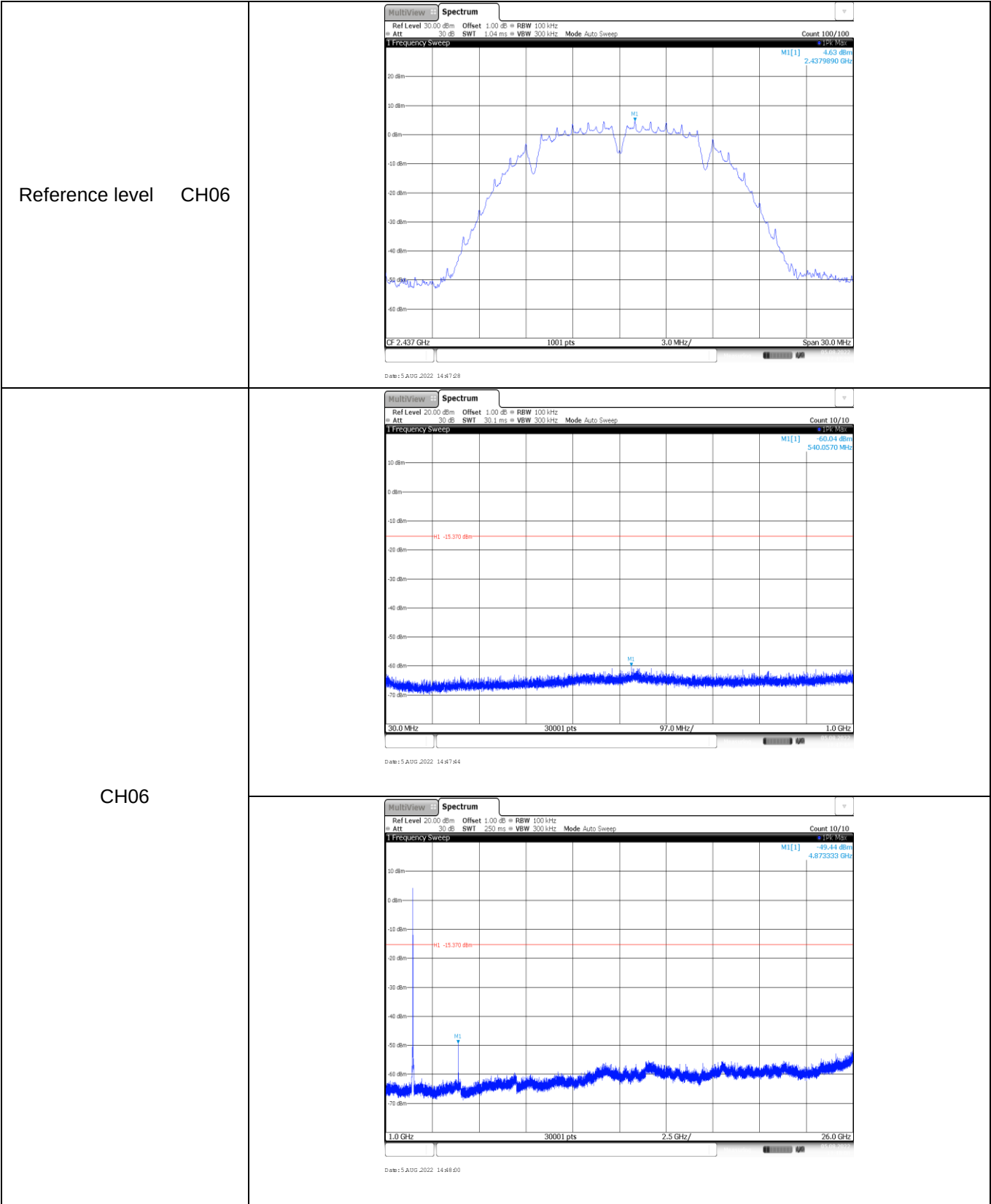
Test Item:	Bandedge	802.11 b	Antenna 1																																										
CH01	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep M1[1] 13.40 dBm 2.410640 GHz M2[1] -18.81 dBm 2.400000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm H1 -6.600 dBm 2.31 GHz 1001 pts 11.2 MHz/ 2.422 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>2.41064 GHz</td><td>13.40 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-18.81 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-34.54 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-55.13 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399488 GHz</td><td>-14.60 dBm</td><td></td><td></td></tr></table> Date:19_JUL_2022 16:40:54			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41064 GHz	13.40 dBm			M2	1		2.4 GHz	-18.81 dBm			M3	1		2.39 GHz	-34.54 dBm			M4	1		2.31 GHz	-55.13 dBm			M5	1		2.399488 GHz	-14.60 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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CH11	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep M1[1] 12.37 dBm 2.460751 GHz M2[1] -29.94 dBm 2.4835000 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm H1 -7.630 dBm 2.452 GHz 1001 pts 4.8 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>2.460751 GHz</td><td>12.37 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-29.94 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-53.75 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483632 GHz</td><td>-26.48 dBm</td><td></td><td></td></tr></table> Date:19_JUL_2022 16:47:01			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460751 GHz	12.37 dBm			M2	1		2.4835 GHz	-29.94 dBm			M3	1		2.5 GHz	-53.75 dBm			M4	1		2.483632 GHz	-26.48 dBm									
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M4	1		2.483632 GHz	-26.48 dBm																																									

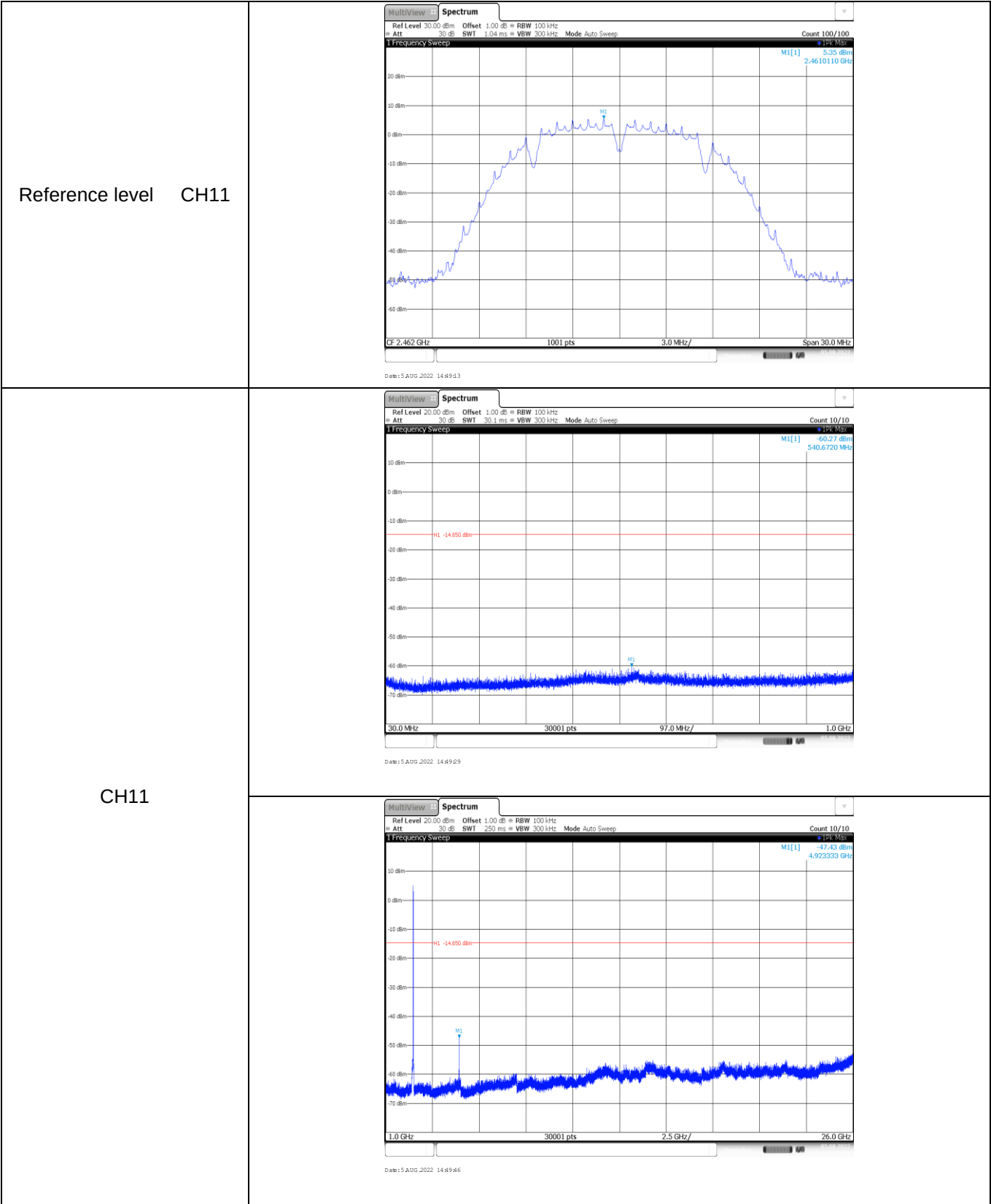


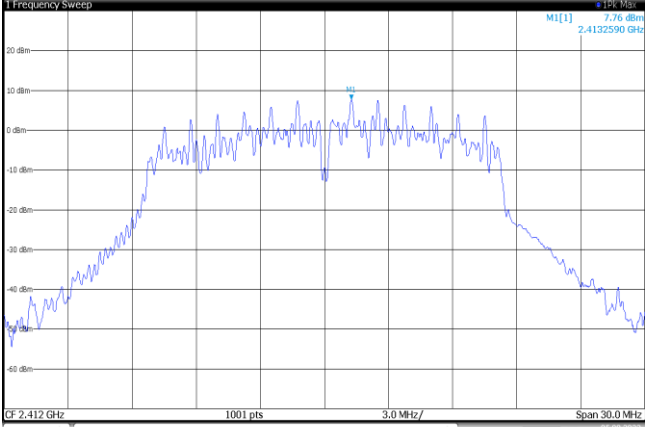
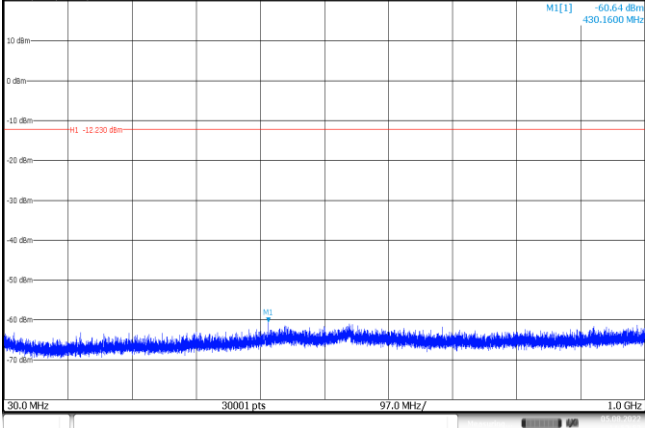
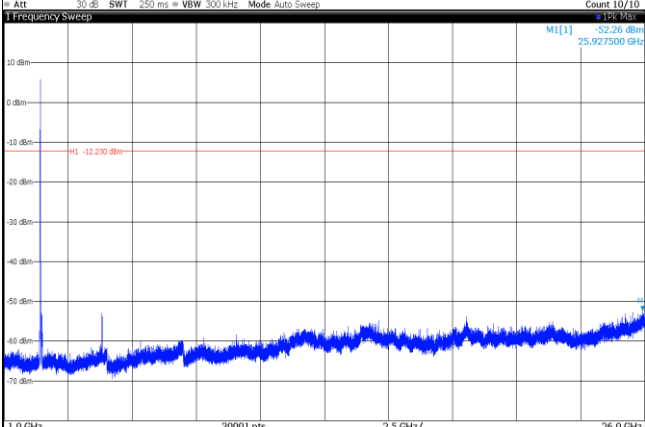
Test Item:	Bandedge	802.11 n(HT20)	Antenna 1																																										
CH01	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz ATT 40 dB SWT 1.12 ms VBW 300 kHz Mode Auto Sweep Count 200/200 1 Frequency Sweep  2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz 2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.41064 GHz</td><td>8.76 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-21.07 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-37.46 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.56 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399824 GHz</td><td>-22.17 dBm</td><td></td><td></td></tr></tbody></table> Date: 20_JUL_2022 09:17:05			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41064 GHz	8.76 dBm			M2	1		2.4 GHz	-21.07 dBm			M3	1		2.39 GHz	-37.46 dBm			M4	1		2.31 GHz	-54.56 dBm			M5	1		2.399824 GHz	-22.17 dBm		
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M5	1		2.399824 GHz	-22.17 dBm																																									
CH11	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz ATT 40 dB SWT 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep  2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz 2 Marker Table <table><thead><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></thead><tbody><tr><td>M1</td><td>1</td><td></td><td>2.460751 GHz</td><td>9.35 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-40.64 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-53.81 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.487952 GHz</td><td>-39.71 dBm</td><td></td><td></td></tr></tbody></table> Date: 20_JUL_2022 09:40:46			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460751 GHz	9.35 dBm			M2	1		2.4835 GHz	-40.64 dBm			M3	1		2.5 GHz	-53.81 dBm			M4	1		2.487952 GHz	-39.71 dBm									
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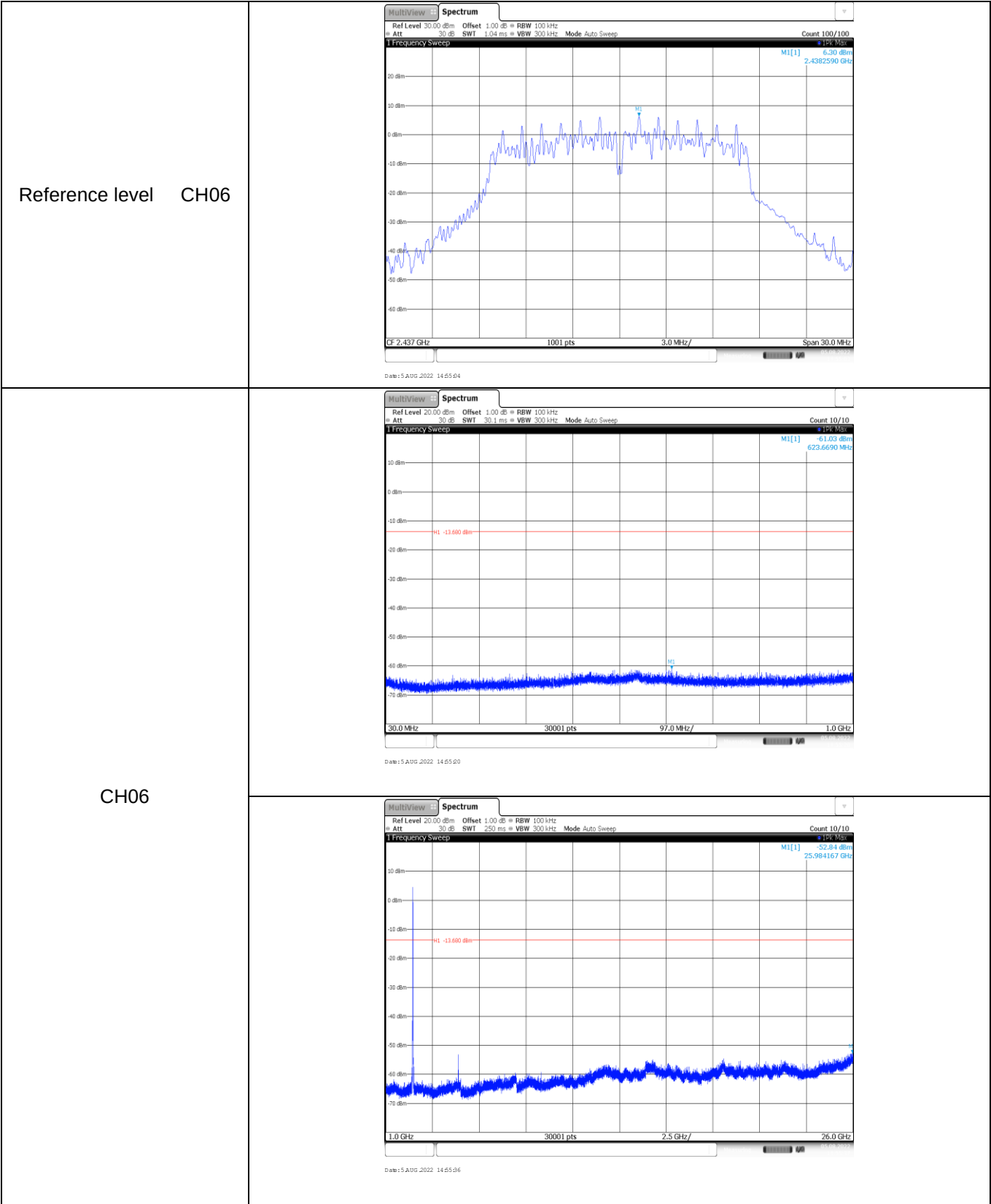
Test Item:	Bandedge	802.11 n(HT40)	Antenna 1																																										
CH03	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40.00 dB SWF 1.32 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm M1[1] 8.29 dBm M2[1] 2.419380 GHz M3[1] -27.21 dBm M4[1] 2.400000 GHz -11.710 dBm 2.31 GHz 1001 pts 13.2 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>2.41938 GHz</td><td>8.29 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-27.21 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-36.06 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-54.01 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39448 GHz</td><td>-23.03 dBm</td><td></td><td></td></tr></table> Date: 20_JUL_2022 10:05:07			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41938 GHz	8.29 dBm			M2	1		2.4 GHz	-27.21 dBm			M3	1		2.39 GHz	-36.06 dBm			M4	1		2.31 GHz	-54.01 dBm			M5	1		2.39448 GHz	-23.03 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M5	1		2.39448 GHz	-23.03 dBm																																									
CH09	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 40.00 dB SWF 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm M1[1] 9.09 dBm M2[1] 2.4545190 GHz M3[1] -27.26 dBm M4[1] 2.4835000 GHz -10.910 dBm 2.432 GHz 1001 pts 6.8 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>2.454519 GHz</td><td>9.09 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-27.26 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-54.57 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.484496 GHz</td><td>-25.49 dBm</td><td></td><td></td></tr></table> Date: 20_JUL_2022 10:03:51			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.454519 GHz	9.09 dBm			M2	1		2.4835 GHz	-27.26 dBm			M3	1		2.5 GHz	-54.57 dBm			M4	1		2.484496 GHz	-25.49 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M4	1		2.484496 GHz	-25.49 dBm																																									

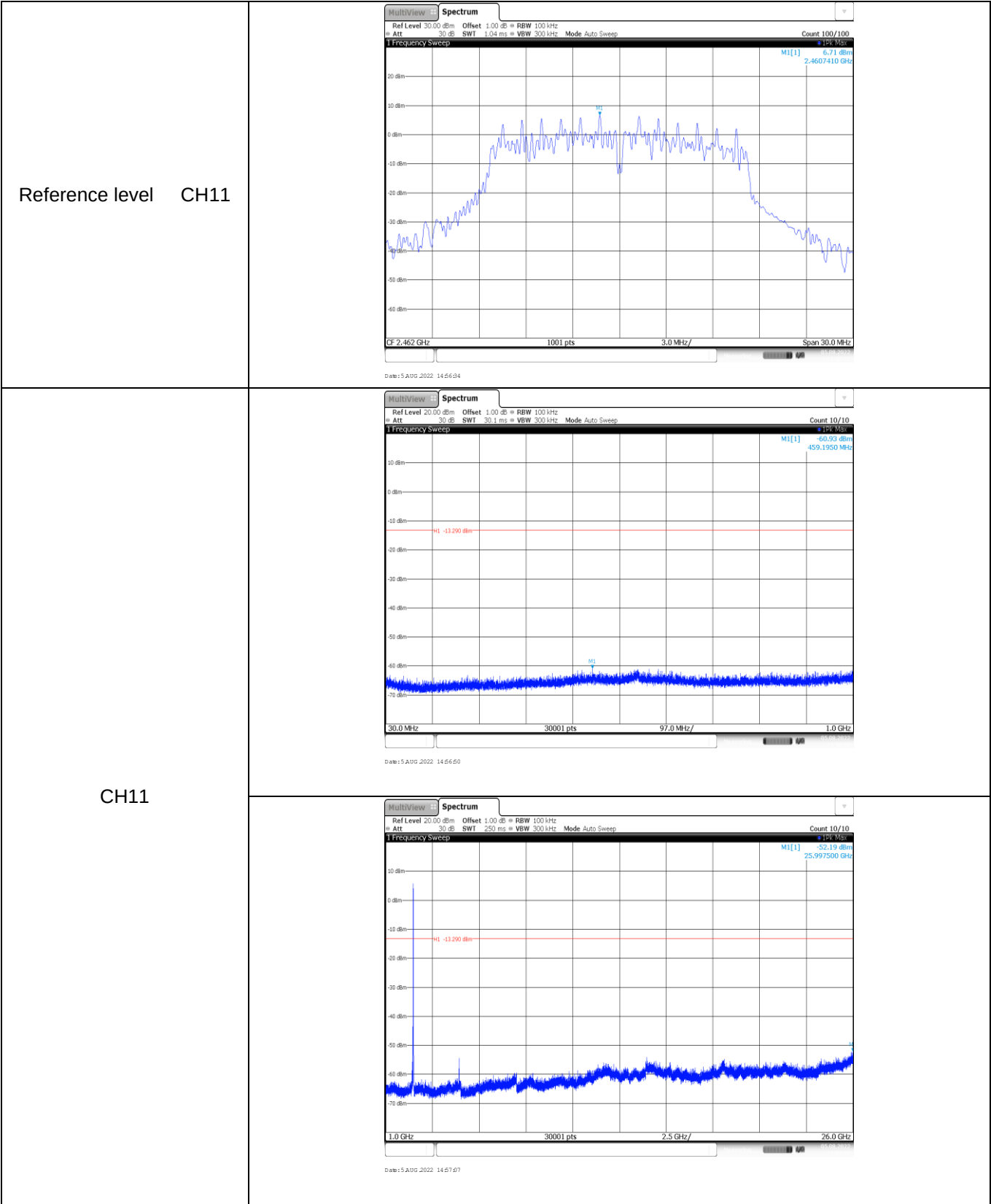
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CH01	MultiViewSpectrum Ref Level 20.00 dBmOffset 1.00 dB RBW 100 kHzAtt 30 dB SWI 30.1 ms VBW 300 kHzMode Auto Sweep Count 10/10 1 Frequency Sweep MI[1]-60.48 dBm951.5820 MHz  30.0 MHz30001 pts97.0 MHz/1.0 GHz Date: 5 AUG 2022 14:46:08		
	MultiViewSpectrum Ref Level 20.00 dBmOffset 1.00 dB RBW 100 kHzAtt 30 dB SWI 250 ms VBW 300 kHzMode Auto Sweep Count 10/10 1 Frequency Sweep MI[1]-44.03 dBm4.823333 GHz  1.0 GHz30001 pts2.5 GHz/26.0 GHz Date: 5 AUG 2022 14:46:25		



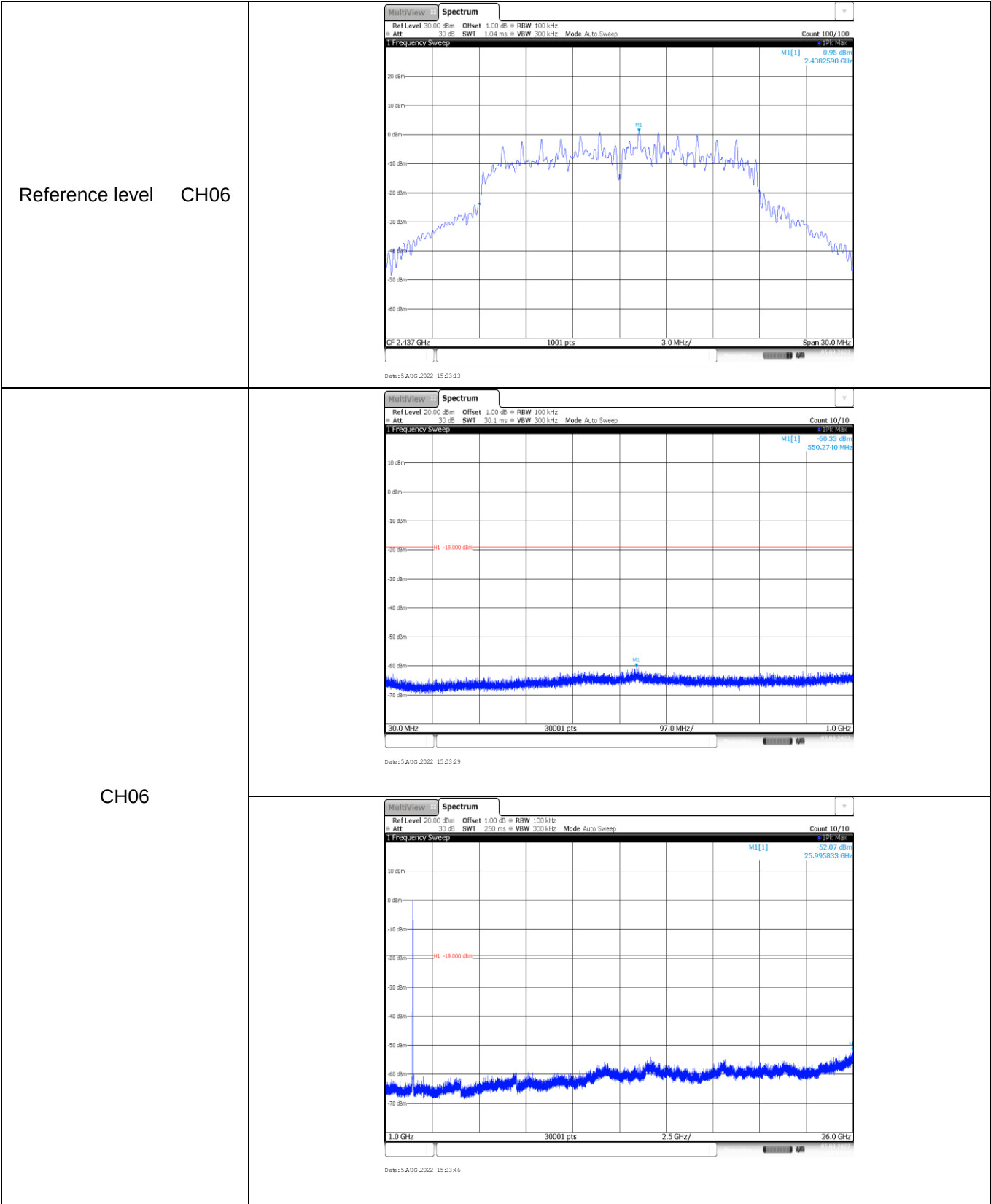


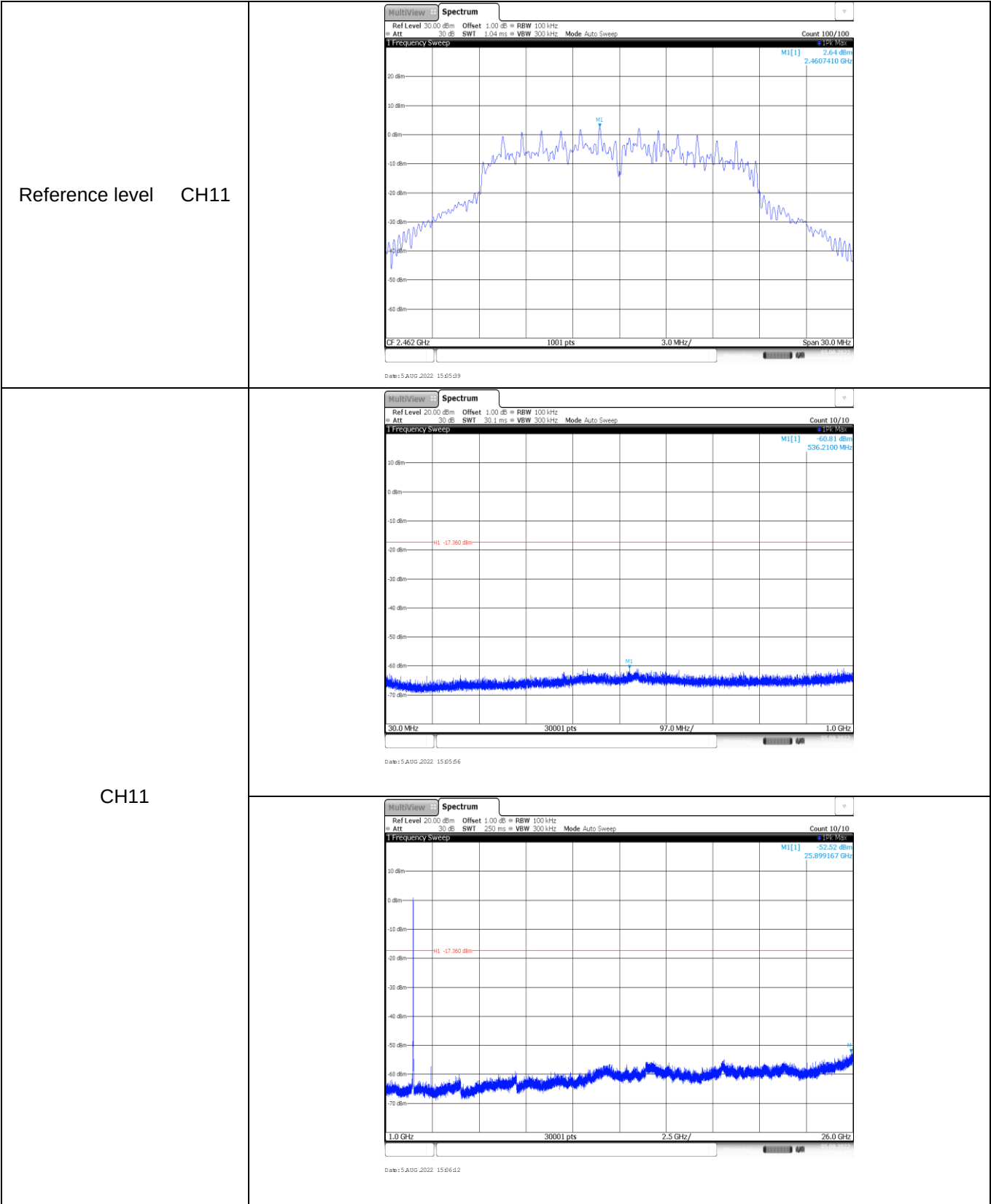
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CH01	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Count 10/10 = Att 30.0 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep 1 Frequency Sweep MU[1] -60.64 dBm 430.1600 MHz  30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 5 AUG 2022 14:53:53		
	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Count 10/10 = Att 30.0 dB SWF 350 ms VBW 300 kHz Mode Auto Sweep 1 Frequency Sweep MU[1] -52.26 dBm 25.927500 GHz  1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 5 AUG 2022 14:54:40		



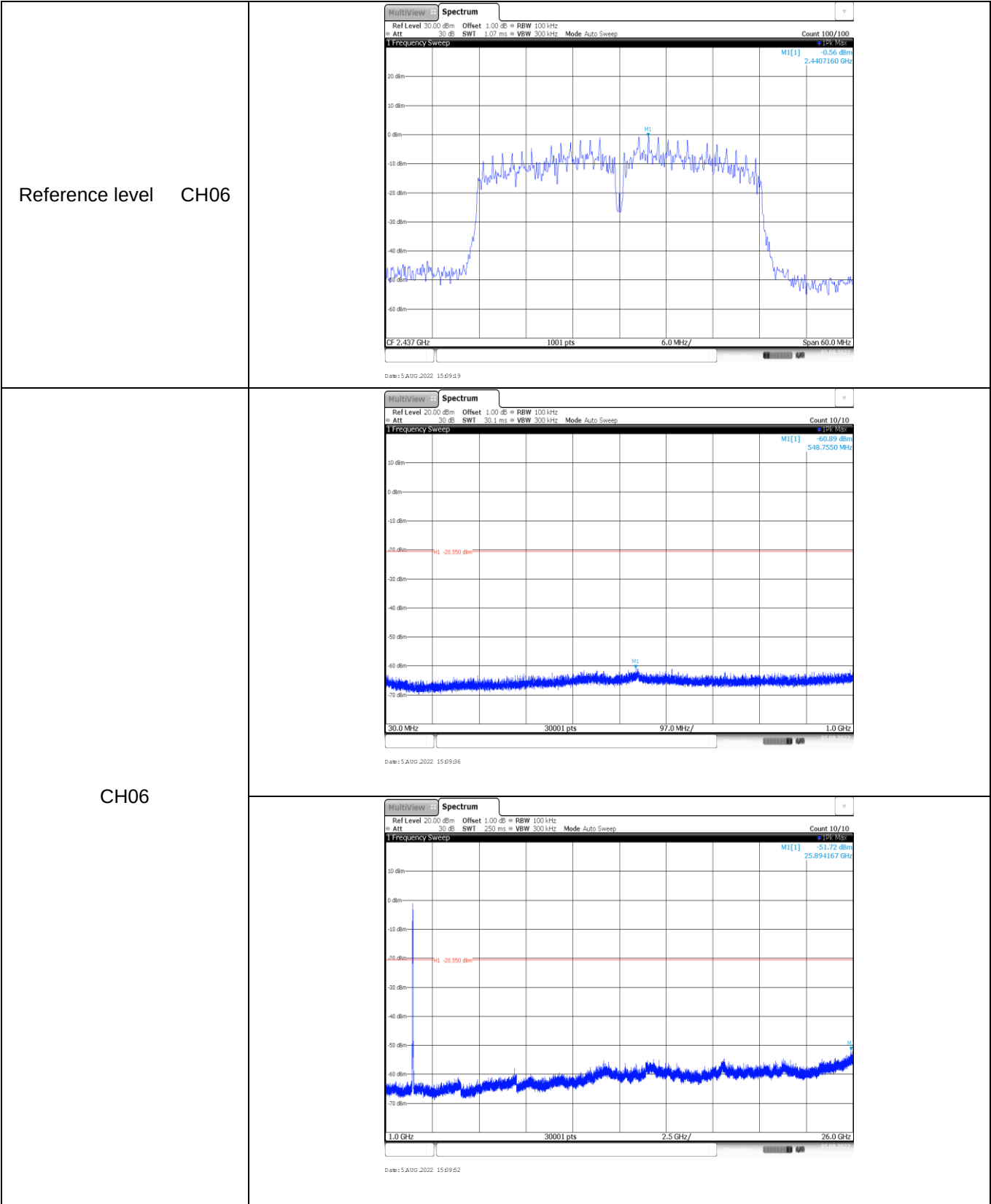


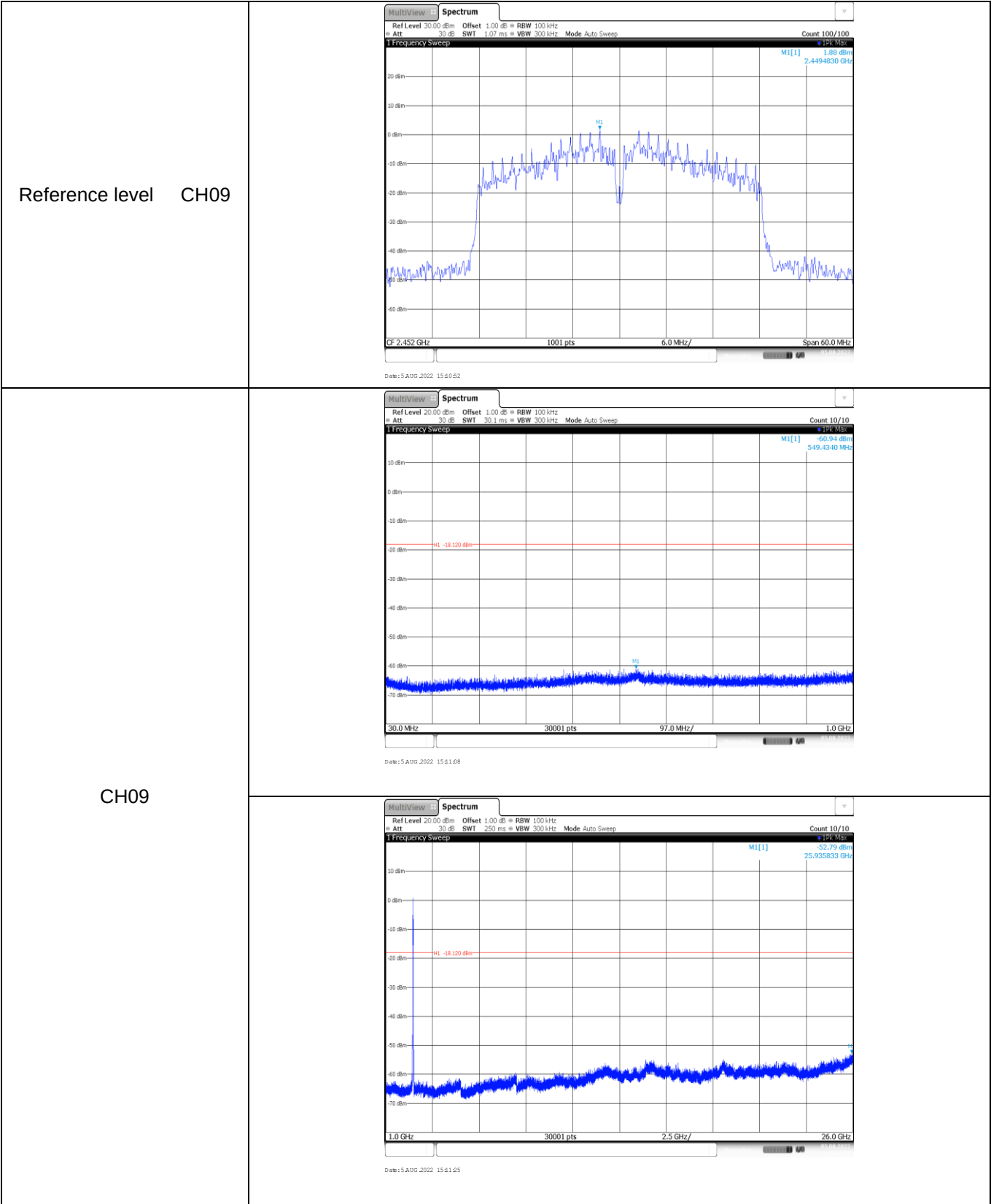
Test Item:	SE	802.11 n(HT20)	Antenna 0
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CH01	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 100 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MU[1] -60.74 dBm 486.8060 MHz -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 5 AUG 2022 15:01:57		
	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 100 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MU[1] -52.34 dBm 25.815000 GHz -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: 5 AUG 2022 15:02:43		

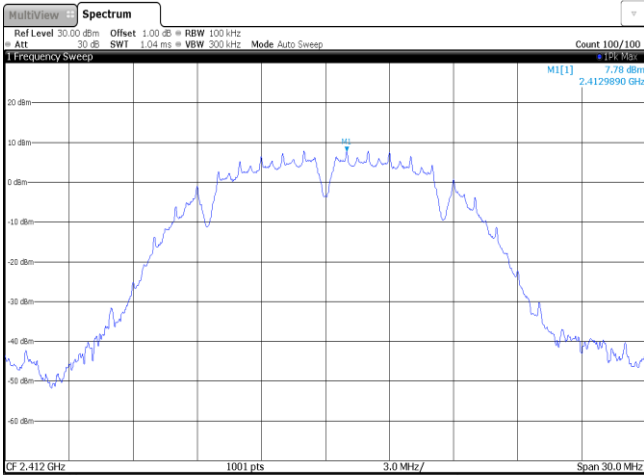
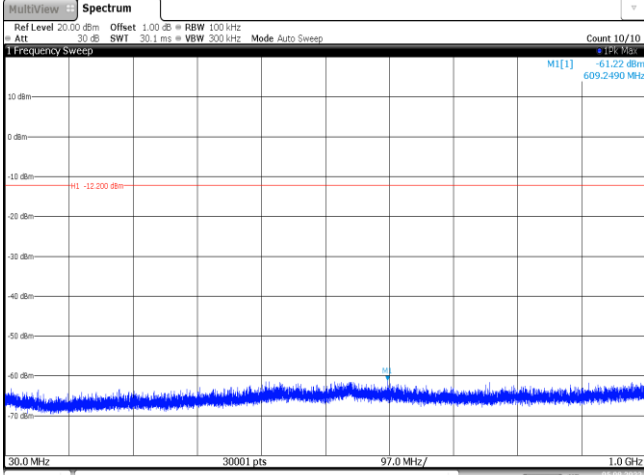
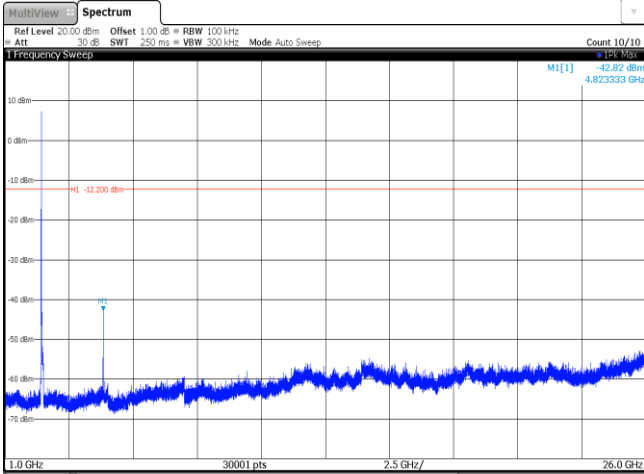




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CH03	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 100 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep 30.0 MHz30001 pts97.0 MHz/1.0 GHz Date: 5 AUG 2022 15:08:06		
	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 100 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep 1.0 GHz30001 pts2.5 GHz/26.0 GHz Date: 5 AUG 2022 15:08:02		





Test Item:	SE	802.11 b	Antenna 1
Reference level CH01	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1]7.78 dBm2.4129890 GHz  CF 2.412 GHz1001 pts3.0 MHz/Span 30.0 MHz Date: 5 AUG 2022 15:55:49		
	CH01	MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MU[1]-61.22 dBm609.2490 MHz  30.0 MHz30001 pts97.0 MHz/1.0 GHz Date: 5 AUG 2022 15:55:05 MultiViewSpectrum Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWF 350 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep MU[1]-42.82 dBm4.823333 GHz  1.0 GHz30001 pts2.5 GHz/26.0 GHz Date: 5 AUG 2022 15:55:52	

