

APPENDIX REPORT

Project No.	SHT2209003603EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT22090036003	Model No.	X55 Prime
Start test date	2022-09-14	Finish date	2022-09-14
Temperature	25.1℃	Humidity	30%
Test Engineer	Xiaoxiao Li	Auditor	Xiaodong Zhu

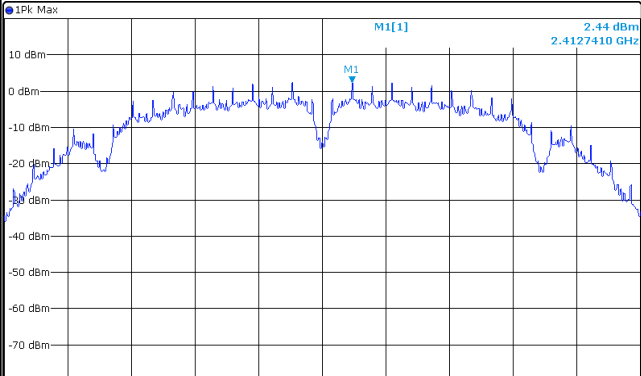
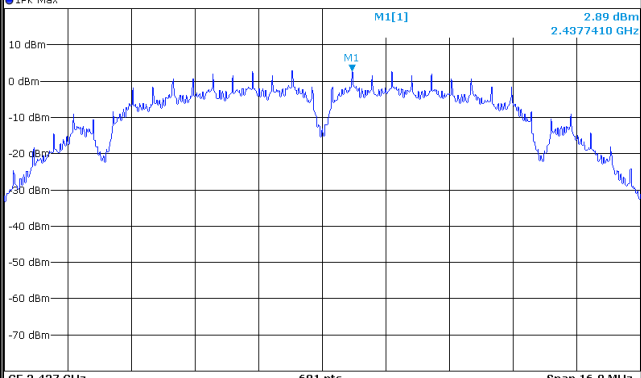
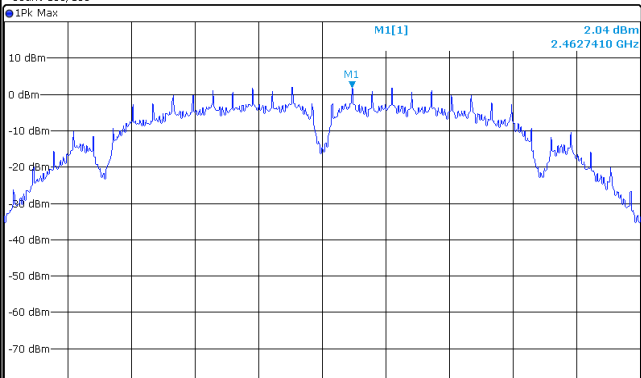
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

Appendix A: Conducted Peak Output Power

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	15.45	13.40	≤ 30.00	Pass
	06	16.04	14.01		
	11	15.19	13.17		
802.11g	01	15.24	13.18	≤ 30.00	Pass
	06	15.97	13.82		
	11	15.07	12.94		
802.11n (HT20)	01	14.75	12.41	≤ 30.00	Pass
	06	15.78	13.48		
	11	14.81	12.67		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	2.44	≤8.00	Pass
	06	2.89		
	11	2.04		
802.11g	01	-10.20	≤8.00	Pass
	06	-6.91		
	11	-8.27		
802.11n(HT20)	01	-9.82	≤8.00	Pass
	06	-8.98		
	11	-9.92		

Type:		802.11 b
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 126.4 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1 M1[1] 2.44 dBm 2.4127410 GHz  CF 2.412 GHz 691 pts Span 16.0 MHz Date: 14 SEP 2022 13:24:38	
CH06	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 126.4 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1 M1[1] 2.89 dBm 2.4377410 GHz  CF 2.437 GHz 691 pts Span 16.0 MHz Date: 14 SEP 2022 13:26:19	
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 126.4 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1 M1[1] 2.04 dBm 2.4627410 GHz  CF 2.462 GHz 691 pts Span 16.0 MHz Date: 14 SEP 2022 13:27:37	

Type:		802.11 g
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -10.20 dBm 2.4194890 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.412 GHz 691 pts Span 25.0 MHz Date: 14 SEP 2022 13:29:12	
CH06	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -6.91 dBm 2.4394960 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.437 GHz 691 pts Span 25.0 MHz Date: 14 SEP 2022 13:30:52	
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -9.27 dBm 2.4644960 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.462 GHz 691 pts Span 25.0 MHz Date: 14 SEP 2022 13:32:03	

Type:		802.11n(HT20)
CH01	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -9.82 dBm 2.4194890 GHz M1 CF 2.412 GHz 691 pts Span 25.0 MHz Date: 14 SEP 2022 13:33:41	
CH06	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -8.98 dBm 2.4444890 GHz M1 CF 2.437 GHz 691 pts Span 25.0 MHz Date: 14 SEP 2022 13:35:28	
CH11	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -9.92 dBm 2.4597930 GHz M1 CF 2.462 GHz 691 pts Span 25.0 MHz Date: 14 SEP 2022 13:36:41	

Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	9.66	≥0.5	Pass
	06	10.08		
	11	10.08		
802.11g	01	16.41	≥0.5	Pass
	06	16.44		
	11	16.38		
802.11n(HT20)	01	17.67	≥0.5	Pass
	06	17.64		
	11	17.61		

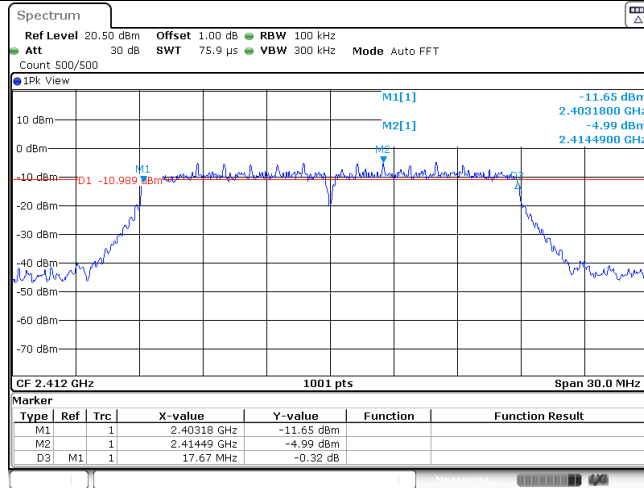
Type:	802.11 b																												
CH01	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 M3 M1[1] M2[1] -3.52 dBm 2.4074100 GHz 3.27 dBm 2.4135000 GHz CF 2.412 GHz 1001 pts Span 30.0 MHz Marker <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></td><td>1</td><td>2.40741 GHz</td><td>-3.52 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>2.4135 GHz</td><td>3.27 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>9.66 MHz</td><td>-0.73 dB</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:24:25	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40741 GHz	-3.52 dBm			M2		1	2.4135 GHz	3.27 dBm			D3	M1	1	9.66 MHz	-0.73 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.40741 GHz	-3.52 dBm																									
M2		1	2.4135 GHz	3.27 dBm																									
D3	M1	1	9.66 MHz	-0.73 dB																									
CH06	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 M3 M1[1] M2[1] -2.45 dBm 2.4319600 GHz 3.80 dBm 2.4385000 GHz CF 2.437 GHz 1001 pts Span 30.0 MHz Marker <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></td><td>1</td><td>2.43196 GHz</td><td>-2.45 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>2.4385 GHz</td><td>3.80 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>10.08 MHz</td><td>-0.15 dB</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:26:07	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.43196 GHz	-2.45 dBm			M2		1	2.4385 GHz	3.80 dBm			D3	M1	1	10.08 MHz	-0.15 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.43196 GHz	-2.45 dBm																									
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D3	M1	1	10.08 MHz	-0.15 dB																									
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Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.45696 GHz	-3.37 dBm																									
M2		1	2.4605 GHz	2.98 dBm																									
D3	M1	1	10.08 MHz	-0.25 dB																									

Type:	802.11 g																												
CH01	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 D1 D3 -12.22 dBm 2.4038100 GHz -5.44 dBm 2.4170100 GHz CF 2.412 GHz 1001 pts Span 30.0 MHz Marker <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></td><td>1</td><td>2.40381 GHz</td><td>-12.22 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>2.41701 GHz</td><td>-5.44 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>16.41 MHz</td><td>-0.48 dB</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:28:59	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40381 GHz	-12.22 dBm			M2		1	2.41701 GHz	-5.44 dBm			D3	M1	1	16.41 MHz	-0.48 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.40381 GHz	-12.22 dBm																									
M2		1	2.41701 GHz	-5.44 dBm																									
D3	M1	1	16.41 MHz	-0.48 dB																									
CH06	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 D1 D3 -9.72 dBm 2.4287800 GHz -3.66 dBm 2.4307300 GHz CF 2.437 GHz 1001 pts Span 30.0 MHz Marker <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></td><td>1</td><td>2.42878 GHz</td><td>-9.72 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>2.43073 GHz</td><td>-3.66 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>16.44 MHz</td><td>-0.35 dB</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:30:39	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.42878 GHz	-9.72 dBm			M2		1	2.43073 GHz	-3.66 dBm			D3	M1	1	16.44 MHz	-0.35 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.42878 GHz	-9.72 dBm																									
M2		1	2.43073 GHz	-3.66 dBm																									
D3	M1	1	16.44 MHz	-0.35 dB																									
CH11	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2 D1 D3 -9.81 dBm 2.4538100 GHz -3.48 dBm 2.4644900 GHz CF 2.462 GHz 1001 pts Span 30.0 MHz Marker <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></td><td>1</td><td>2.45381 GHz</td><td>-9.81 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>2.46449 GHz</td><td>-3.48 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>16.38 MHz</td><td>0.22 dB</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:31:50	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.45381 GHz	-9.81 dBm			M2		1	2.46449 GHz	-3.48 dBm			D3	M1	1	16.38 MHz	0.22 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.45381 GHz	-9.81 dBm																									
M2		1	2.46449 GHz	-3.48 dBm																									
D3	M1	1	16.38 MHz	0.22 dB																									

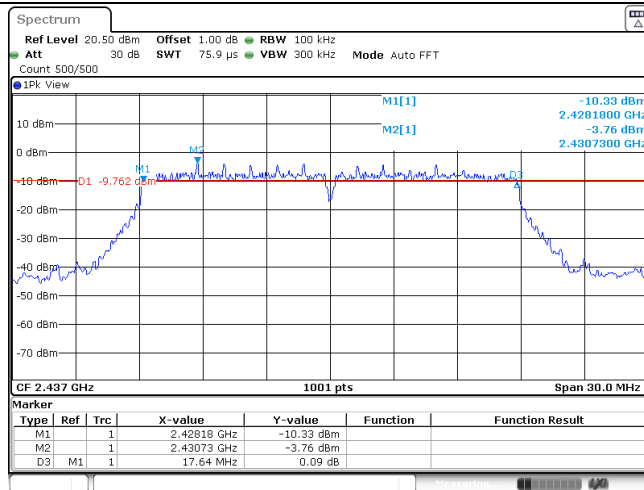
Type:

802.11n(HT20)

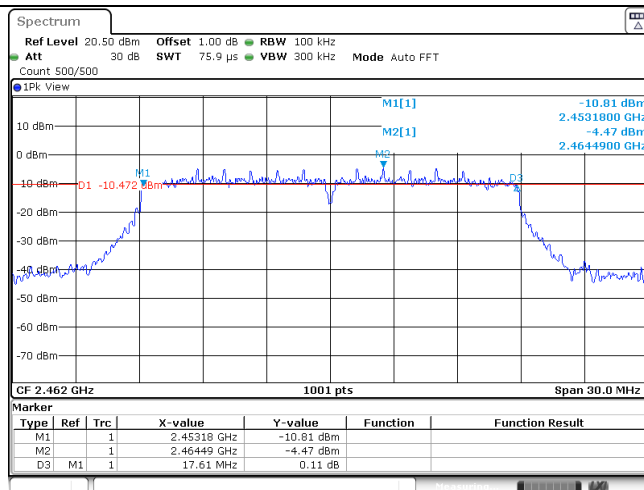
CH01



CH06



CH11

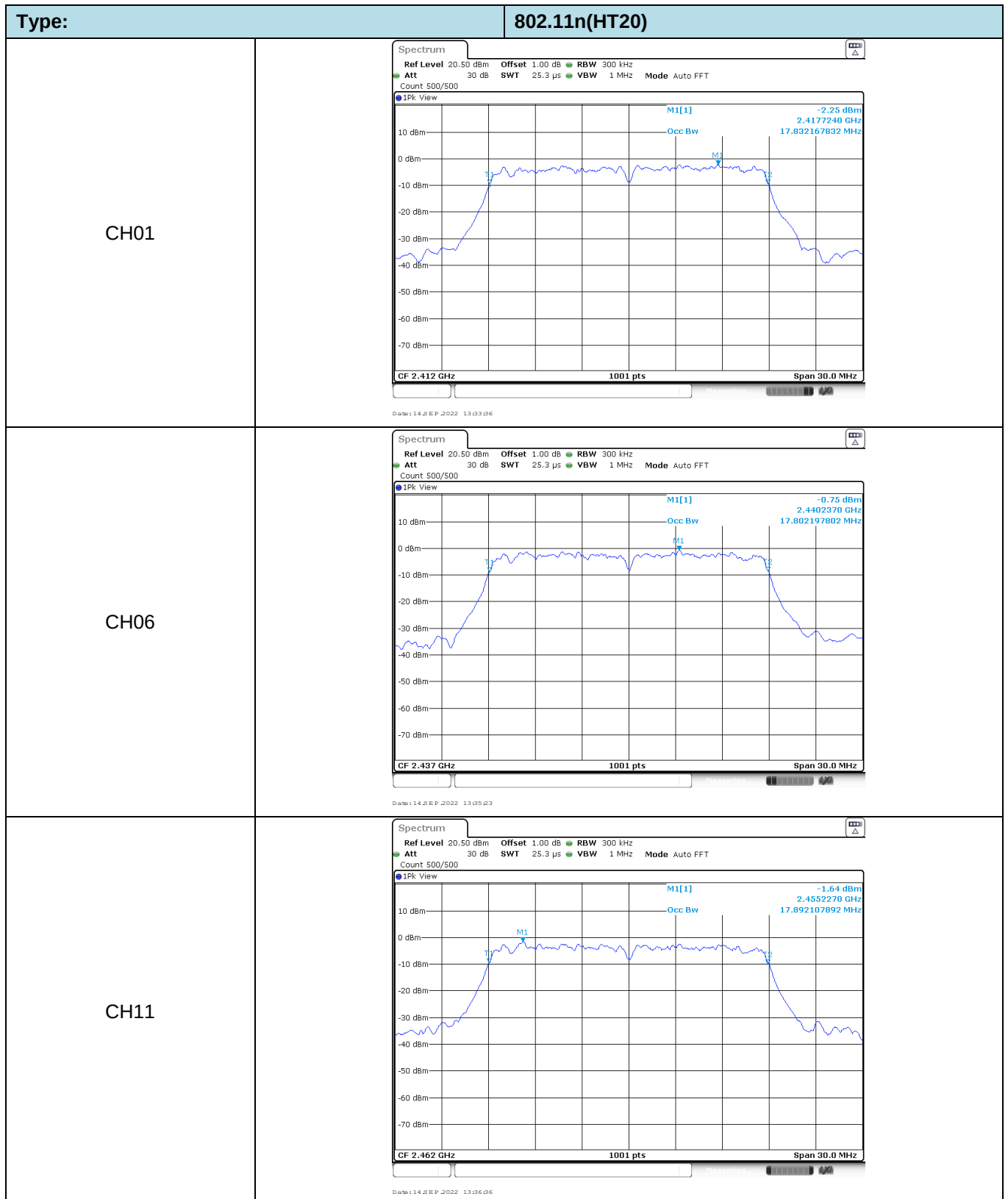


Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	12.20	-	Pass
	06	12.32		
	11	12.20		
802.11g	01	17.17	-	Pass
	06	17.11		
	11	17.08		
802.11n(HT20)	01	17.83	-	Pass
	06	17.80		
	11	17.89		

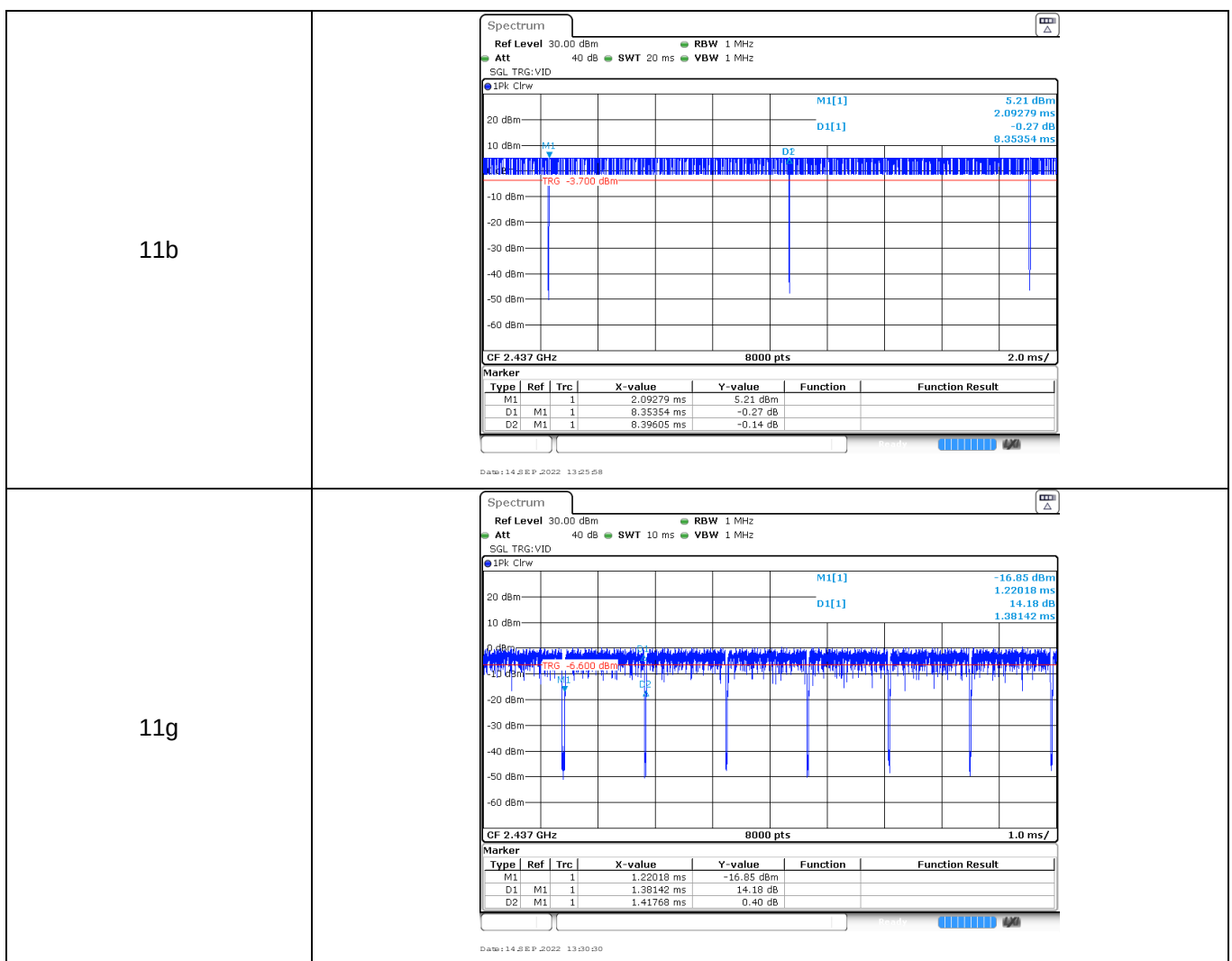
Type:		802.11 b
CH01	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT 1Pk View 4.81 dBm 2.4134990 GHz 12.197802198 MHz M1[1] Occ Bw M1 T1 T2 CF 2.412 GHz 1001 pts Span 30.0 MHz Date: 14 SEP 2022 13:24:33	
CH06	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT 1Pk View 5.25 dBm 2.4384990 GHz 12.317682318 MHz M1[1] Occ Bw M1 T1 T2 CF 2.437 GHz 1001 pts Span 30.0 MHz Date: 14 SEP 2022 13:26:14	
CH11	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT 1Pk View 4.46 dBm 2.4634990 GHz 12.197802198 MHz M1[1] Occ Bw M1 T1 T2 CF 2.462 GHz 1001 pts Span 30.0 MHz Date: 14 SEP 2022 13:27:32	

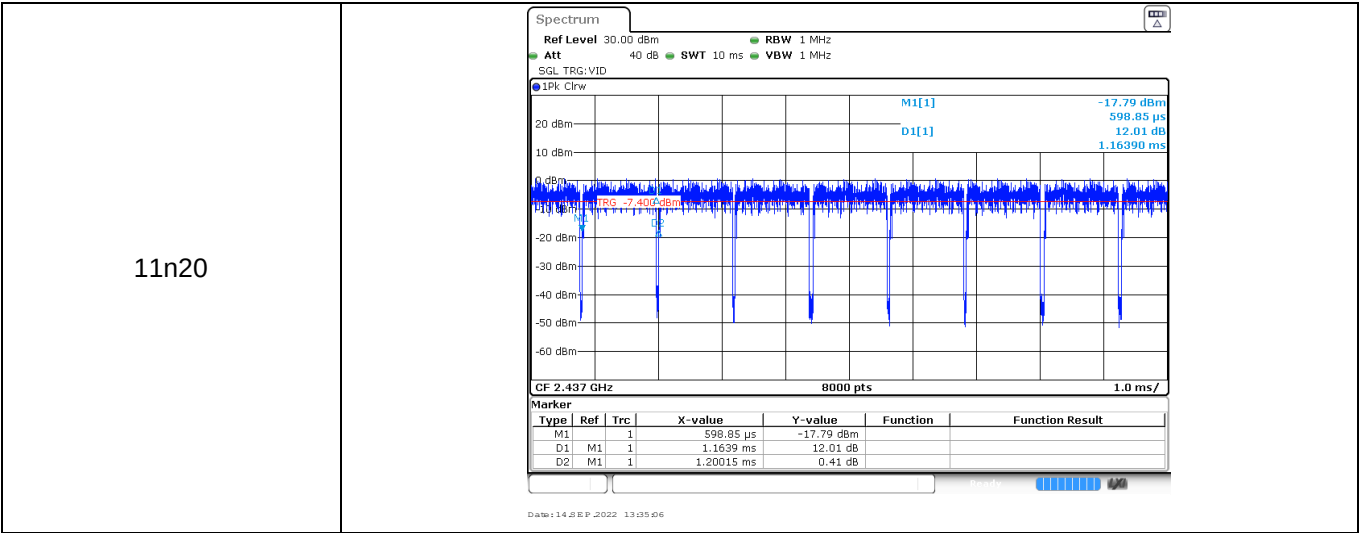
Type:		802.11 g
CH01	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -3.23 dBm 2.4145770 GHz Occ Bw 17.172827173 MHz T1 T2 M1 CF 2.412 GHz 1001 pts Span 30.0 MHz Date: 14 SEP 2022 13:29:07	
CH06	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -0.20 dBm 2.4353520 GHz Occ Bw 17.112887113 MHz T1 T2 M1 CF 2.437 GHz 1001 pts Span 30.0 MHz Date: 14 SEP 2022 13:30:46	
CH11	Spectrum Ref Level 20.50 dBm Att 30 dB Count 500/500 Offset 1.00 dB SWT 25.3 μs RBW 300 kHz VBW 1 MHz Mode Auto FFT 1Pk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] -1.37 dBm 2.4586430 GHz Occ Bw 17.082917083 MHz T1 T2 M1 CF 2.462 GHz 1001 pts Span 30.0 MHz Date: 14 SEP 2022 13:31:57	



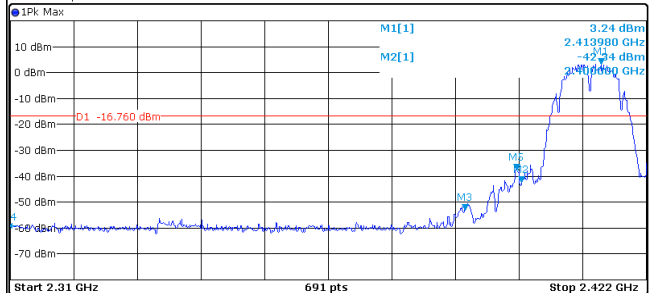
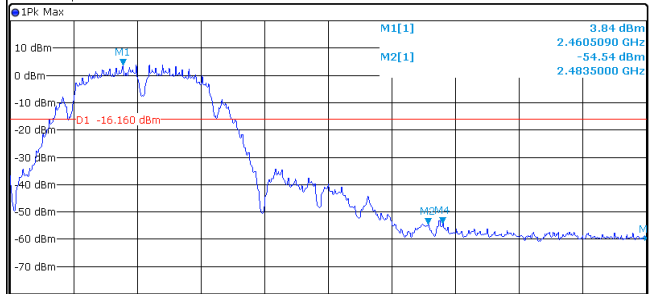
Appendix E: Duty Cycle

Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	8.35	8.40	99.4%	0.1
11g	2437	1.38	1.42	97.2%	0.7
11n20	2437	1.16	1.20	96.7%	0.9





Appendix F: Band edge and Spurious Emissions (conducted)

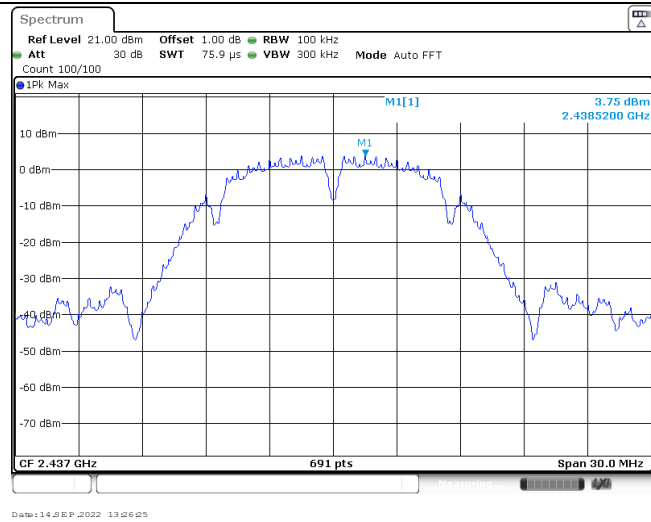
Test Item:	Bandedge	Type:	802.11 b																																																
CH01	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max  Start 2.31 GHz 691 pts Stop 2.422 GHz <table><thead><tr><th>Marker</th><th>Type</th><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></td><td>2.41398 GHz</td><td>3.24 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td></td><td>2.4 GHz</td><td>-42.34 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td></td><td>2.39 GHz</td><td>-52.95 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td></td><td>2.31 GHz</td><td>-58.98 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td></td><td>2.399113 GHz</td><td>-37.58 dBm</td><td></td><td></td></tr></tbody></table> Date: 14 SEP 2022 13:24:48			Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.41398 GHz	3.24 dBm			M2	1			2.4 GHz	-42.34 dBm			M3	1			2.39 GHz	-52.95 dBm			M4	1			2.31 GHz	-58.98 dBm			M5	1			2.399113 GHz	-37.58 dBm		
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																												
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M3	1			2.39 GHz	-52.95 dBm																																														
M4	1			2.31 GHz	-58.98 dBm																																														
M5	1			2.399113 GHz	-37.58 dBm																																														
CH11	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 113.8 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max  Start 2.452 GHz 691 pts Stop 2.5 GHz <table><thead><tr><th>Marker</th><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></td><td>2.460509 GHz</td><td>3.84 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td></td><td>2.4835 GHz</td><td>-54.54 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td></td><td>2.5 GHz</td><td>-59.45 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td></td><td>2.484626 GHz</td><td>-54.04 dBm</td><td></td><td></td></tr></tbody></table> Date: 14 SEP 2022 13:27:46			Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.460509 GHz	3.84 dBm			M2	1			2.4835 GHz	-54.54 dBm			M3	1			2.5 GHz	-59.45 dBm			M4	1			2.484626 GHz	-54.04 dBm										
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																												
M1	1			2.460509 GHz	3.84 dBm																																														
M2	1			2.4835 GHz	-54.54 dBm																																														
M3	1			2.5 GHz	-59.45 dBm																																														
M4	1			2.484626 GHz	-54.04 dBm																																														

Test Item:	Bandedge	Type:	802.11 g																																										
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max M1[1] -6.09 dBm 2.405710 GHz M2[1] -39.34 dBm 2.400000 GHz M3 -48.36 dBm M4 -59.52 dBm M5 -38.18 dBm D1 -26.090 dBm Start 2.31 GHz 691 pts Stop 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>2.40571 GHz</td><td>-6.09 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-39.34 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-48.36 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.52 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.398951 GHz</td><td>-38.18 dBm</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:29:21			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40571 GHz	-6.09 dBm			M2	1		2.4 GHz	-39.34 dBm			M3	1		2.39 GHz	-48.36 dBm			M4	1		2.31 GHz	-59.52 dBm			M5	1		2.398951 GHz	-38.18 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40571 GHz	-6.09 dBm																																									
M2	1		2.4 GHz	-39.34 dBm																																									
M3	1		2.39 GHz	-48.36 dBm																																									
M4	1		2.31 GHz	-59.52 dBm																																									
M5	1		2.398951 GHz	-38.18 dBm																																									
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 113.8 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max M1[1] -3.66 dBm 2.4644690 GHz M2[1] -49.74 dBm 2.4835000 GHz M3 -58.00 dBm M4 -46.81 dBm D1 -23.660 dBm Start 2.452 GHz 691 pts Stop 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>2.464469 GHz</td><td>-3.66 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-49.74 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-58.00 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4837217 GHz</td><td>-46.81 dBm</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:02:11			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.464469 GHz	-3.66 dBm			M2	1		2.4835 GHz	-49.74 dBm			M3	1		2.5 GHz	-58.00 dBm			M4	1		2.4837217 GHz	-46.81 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.464469 GHz	-3.66 dBm																																									
M2	1		2.4835 GHz	-49.74 dBm																																									
M3	1		2.5 GHz	-58.00 dBm																																									
M4	1		2.4837217 GHz	-46.81 dBm																																									

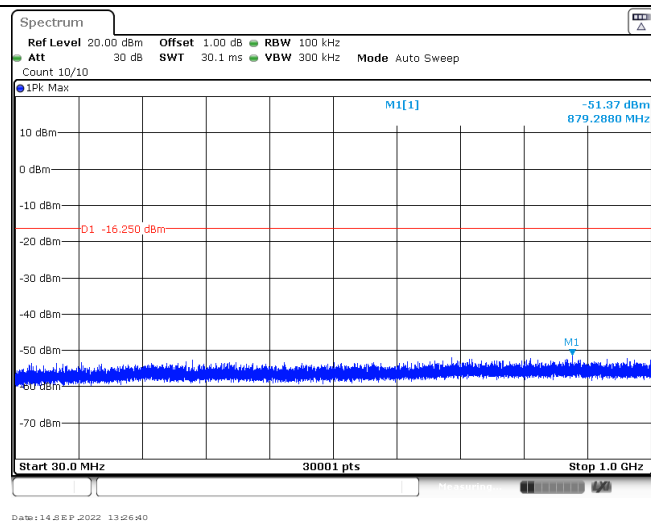
Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 -5.49 dBm 2.410740 GHz -39.99 dBm 2.490000 GHz D1 -25.490 dBm Start 2.31 GHz 691 pts Stop 2.422 GHz Marker <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>2.41074 GHz</td><td>-5.49 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-39.99 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-49.88 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.74 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399113 GHz</td><td>-40.59 dBm</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:33:50			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41074 GHz	-5.49 dBm			M2	1		2.4 GHz	-39.99 dBm			M3	1		2.39 GHz	-49.88 dBm			M4	1		2.31 GHz	-59.74 dBm			M5	1		2.399113 GHz	-40.59 dBm		
	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
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M2	1		2.4 GHz	-39.99 dBm																																									
M3	1		2.39 GHz	-49.88 dBm																																									
M4	1		2.31 GHz	-59.74 dBm																																									
M5	1		2.399113 GHz	-40.59 dBm																																									
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 113.8 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 -4.71 dBm 2.4557160 GHz -49.47 dBm 2.4835000 GHz D1 -24.710 dBm Start 2.452 GHz 691 pts Stop 2.5 GHz Marker <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>2.455716 GHz</td><td>-4.71 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-49.47 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-58.87 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4838609 GHz</td><td>-47.71 dBm</td><td></td><td></td></tr></table> Date: 14 SEP 2022 13:36:50			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.455716 GHz	-4.71 dBm			M2	1		2.4835 GHz	-49.47 dBm			M3	1		2.5 GHz	-58.87 dBm			M4	1		2.4838609 GHz	-47.71 dBm									
	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
M1	1		2.455716 GHz	-4.71 dBm																																									
M2	1		2.4835 GHz	-49.47 dBm																																									
M3	1		2.5 GHz	-58.87 dBm																																									
M4	1		2.4838609 GHz	-47.71 dBm																																									

Test Item:	Spurious Emissions	Type:	802.11 b
CH01 Reference level	Spectrum Ref Level 21.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk Max 3.29 dBm 2.4135200 GHz M1[1] M1 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.412 GHz 691 pts Span 30.0 MHz Date: 14 SEP 2022 13:24:55		
CH01 30MHz~1000MHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 1.00 dB SWT 30.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max -51.04 dBm 671.3590 MHz M1[1] M1 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 14 SEP 2022 13:25:10 D1 -16.710 dBm		
CH01 1GHz~26GHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 1.00 dB SWT 250 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max -43.80 dBm 15.953333 GHz M1[1] M1 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 14 SEP 2022 13:25:25 D1 -16.710 dBm		

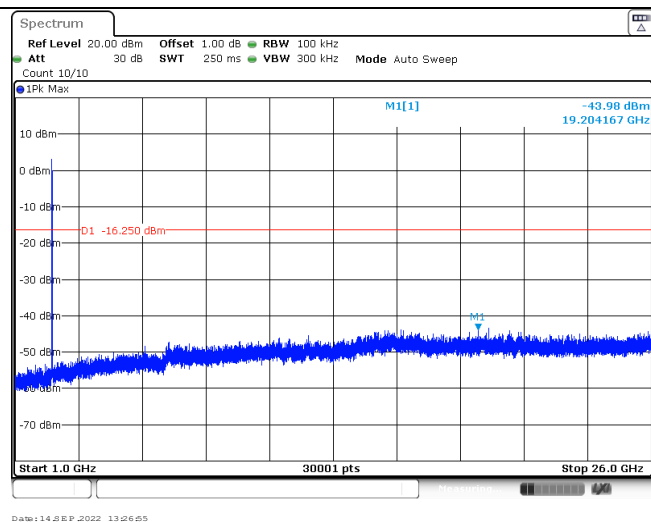
CH06
Reference level

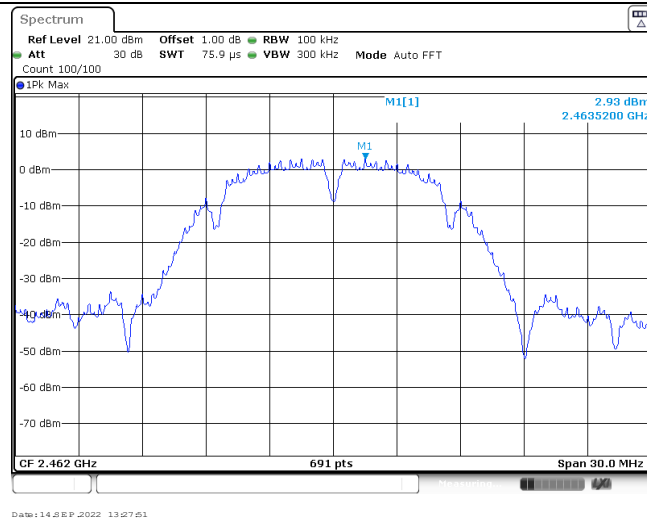
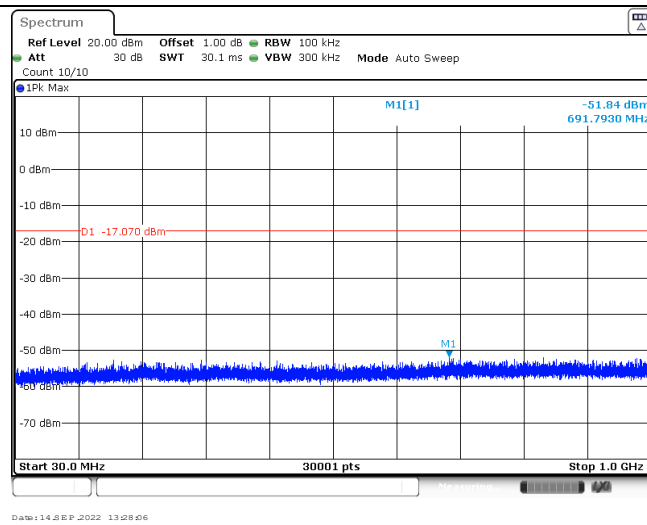
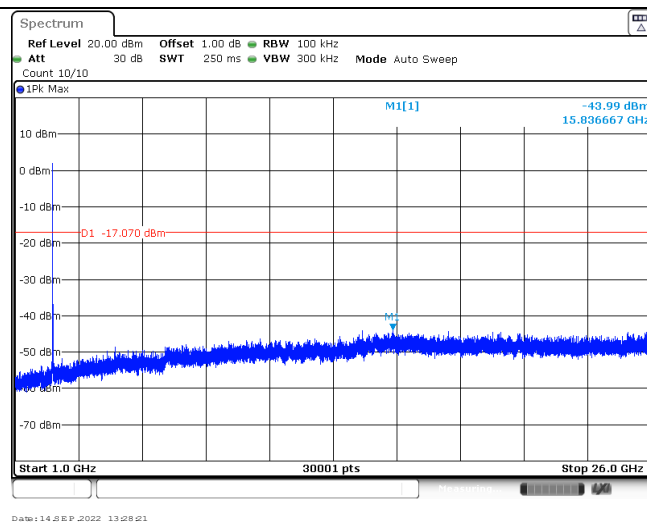


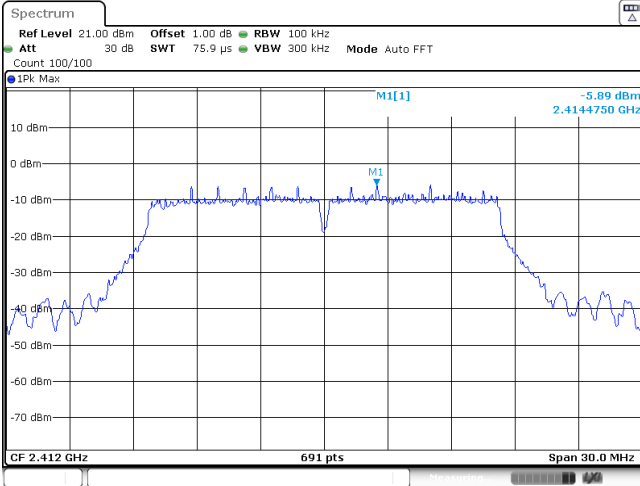
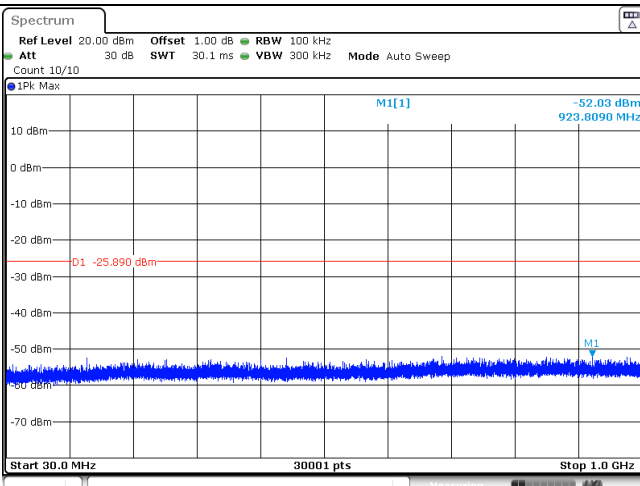
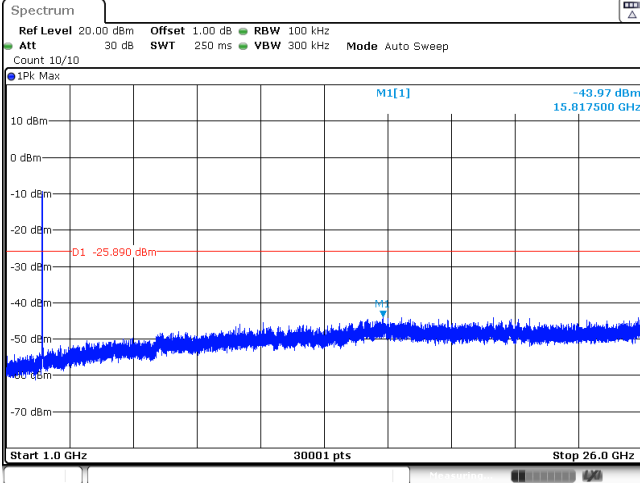
CH06
30MHz~1000MHz

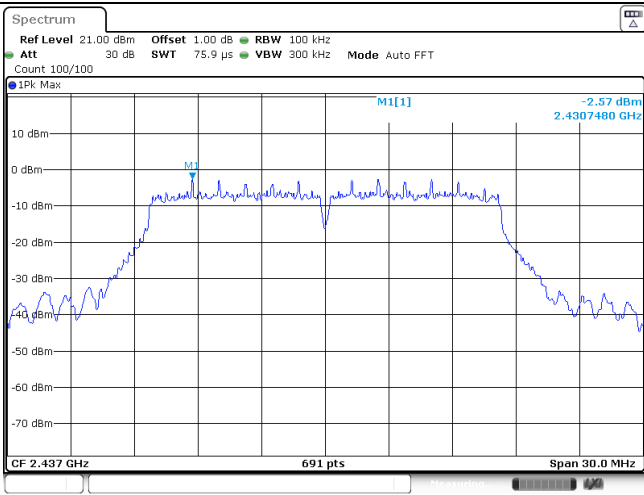
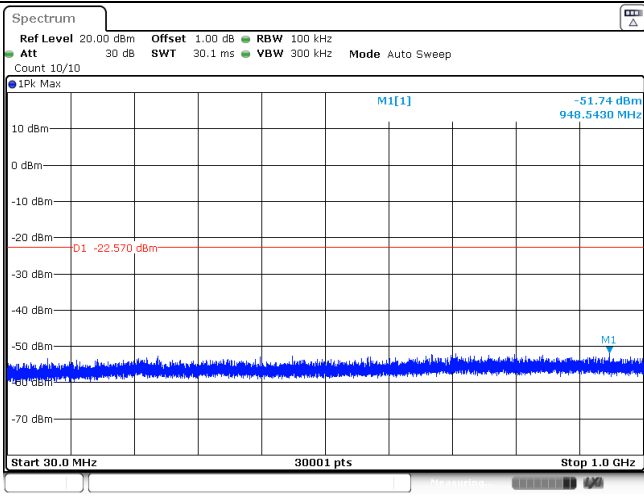
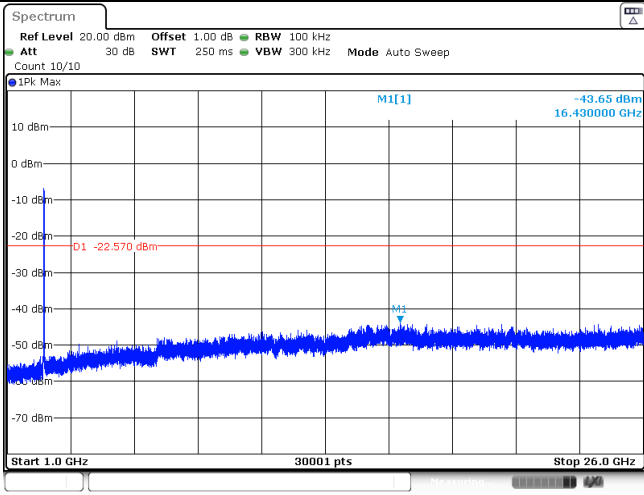


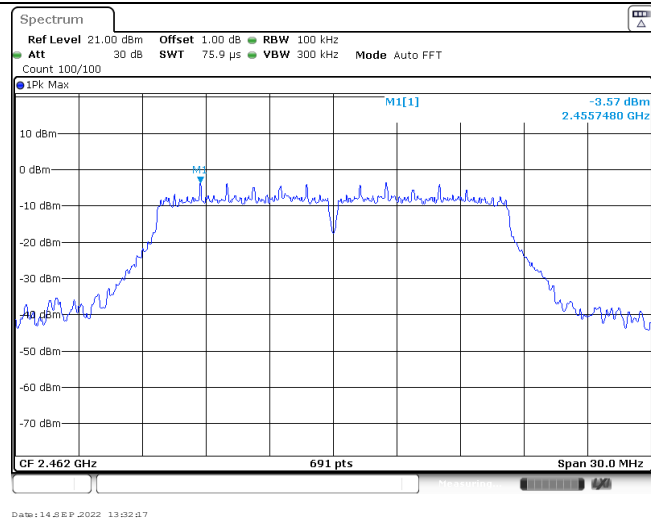
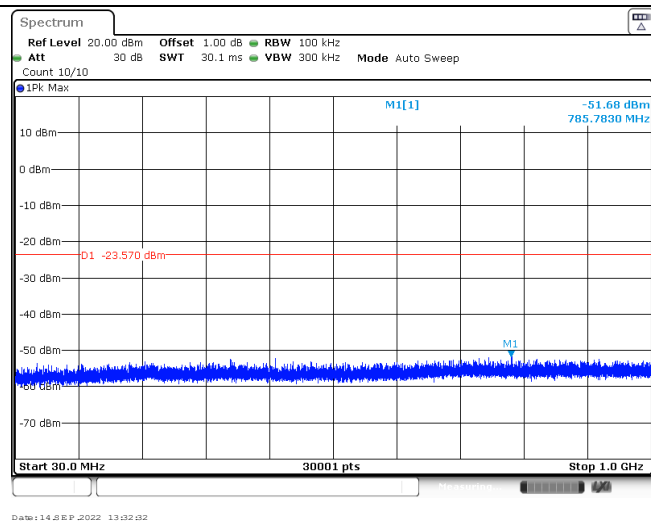
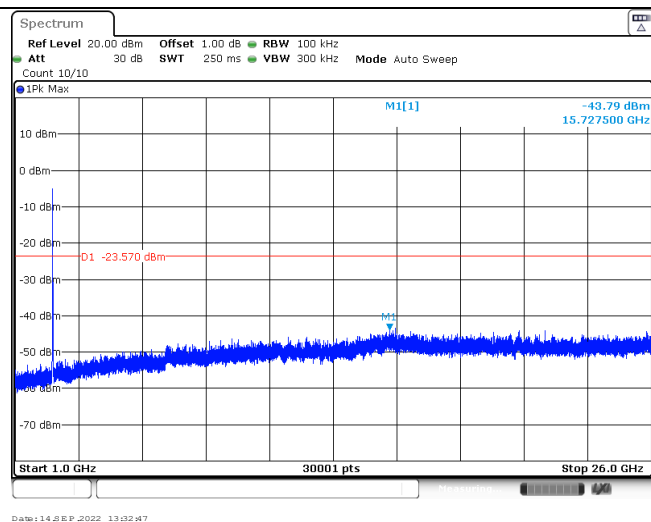
CH06
1GHz~26GHz

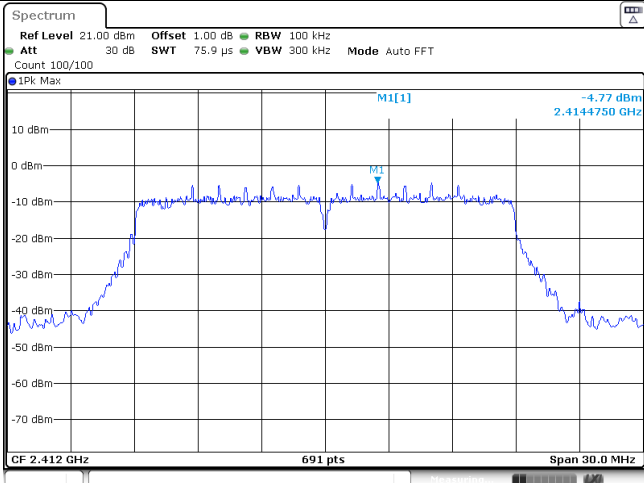
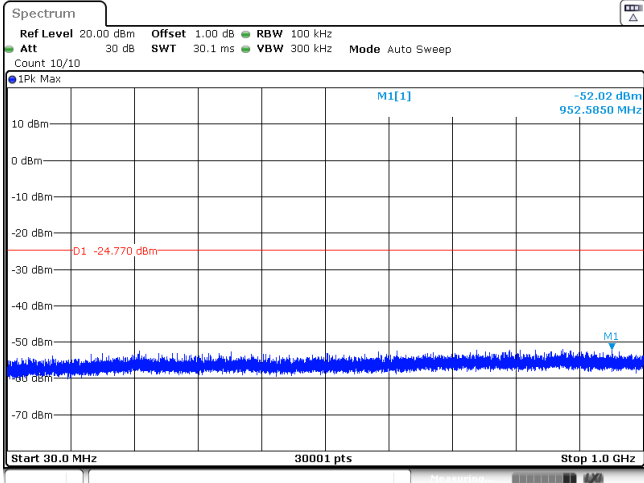
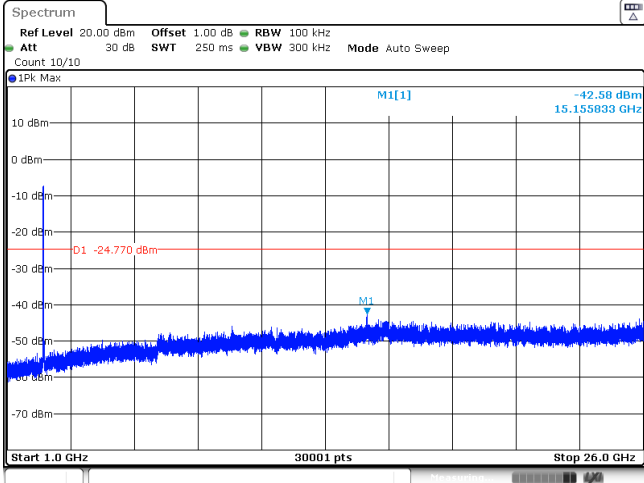


CH11
Reference levelCH11
30MHz~1000MHzCH11
1GHz~26GHz

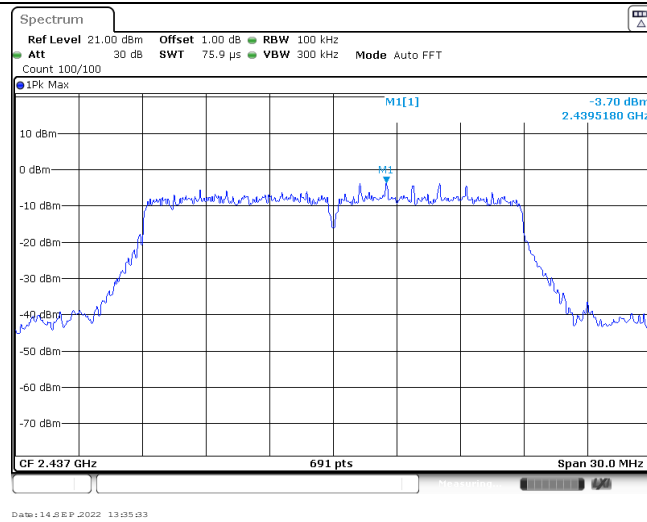
Test Item:	Spurious Emissions	Type:	802.11 g
CH01 Reference level	 Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1PK Max M1[1] -5.89 dBm 2.4144750 GHz CF 2.412 GHz 691 pts Span 30.0 MHz Date: 14 SEP 2022 13:29:27		
CH01 30MHz~1000MHz	 Spectrum 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 1PK Max M1[1] -52.03 dBm 923.8090 MHz D1 -25.890 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 14 SEP 2022 13:29:41		
CH01 1GHz~26GHz	 Spectrum 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 1PK Max M1[1] -43.97 dBm 15.817500 GHz D1 -25.890 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 14 SEP 2022 13:29:57		

CH06 Reference level	 Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -2.57 dBm 2.4307480 GHz CF 2.437 GHz 691 pts Span 30.0 MHz Date: 14 SEP 2022 13:05:57
CH06 30MHz~1000MHz	 Spectrum 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 1Pk Max M1[1] -51.74 dBm 948.5430 MHz D1 -22.570 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 14 SEP 2022 13:31:12
CH06 1GHz~26GHz	 Spectrum 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 1Pk Max M1[1] -43.65 dBm 16.430000 GHz D1 -22.570 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 14 SEP 2022 13:31:27

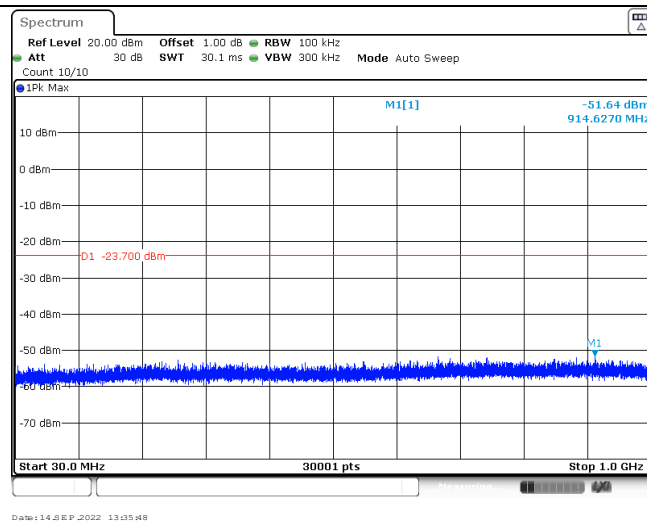
CH11
Reference levelCH11
30MHz~1000MHzCH11
1GHz~26GHz

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

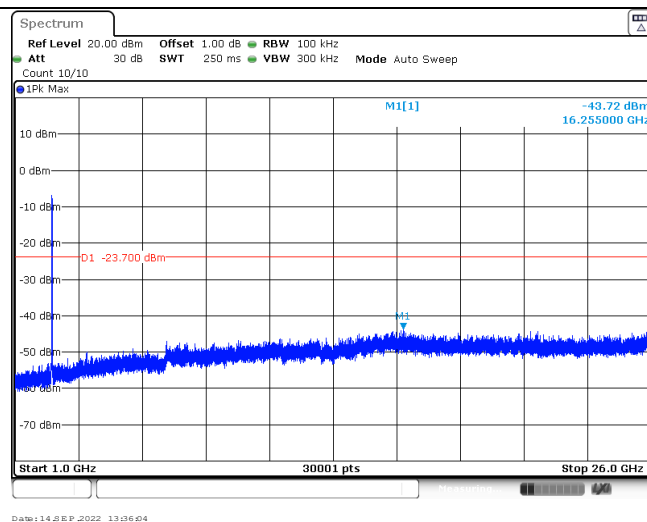
CH06
Reference level

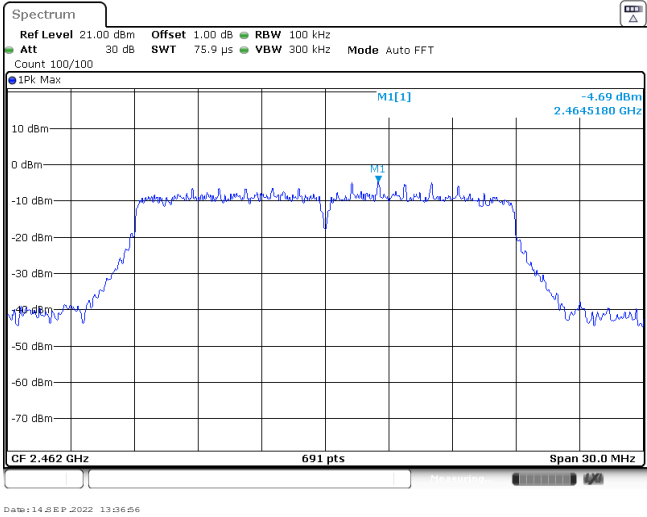
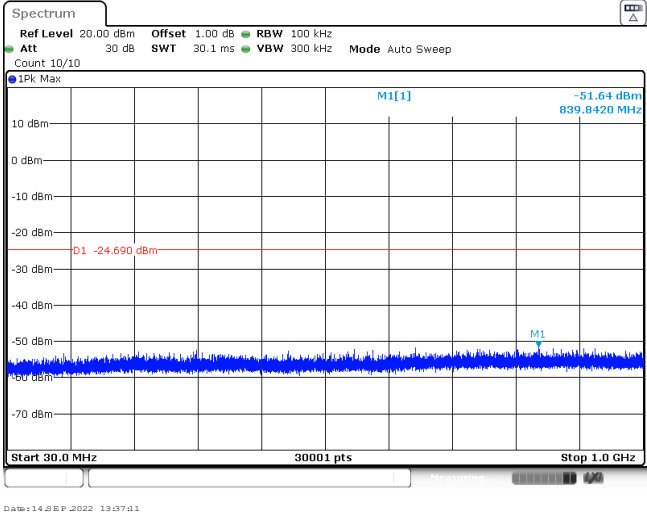
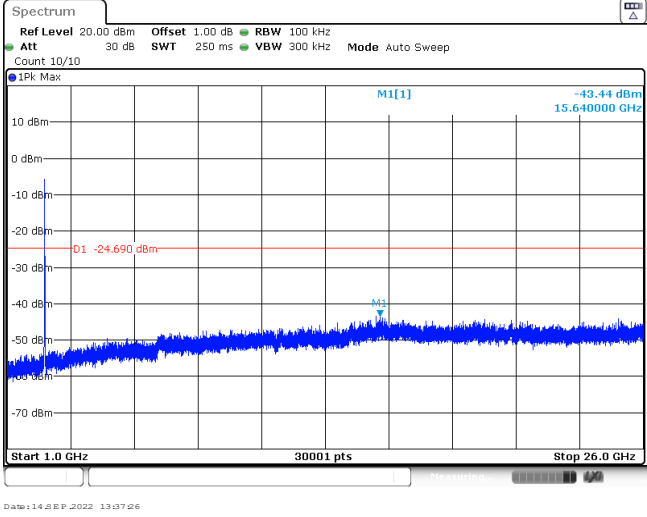


CH06
30MHz~1000MHz



CH06
1GHz~26GHz



CH11 Reference level	
CH11 30MHz~1000MHz	
CH11 1GHz~26GHz	

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