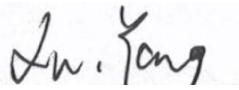


APPENDIX REPORT

Project No.	SHT2308070101EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT23080701001_01	Model No.	ENGY Pro 24
Start test date	2023-09-01	Finish date	2023-09-13
Temperature	23.5℃	Humidity	49%
Test Engineer	Xiaodong Zhao	Auditor	

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

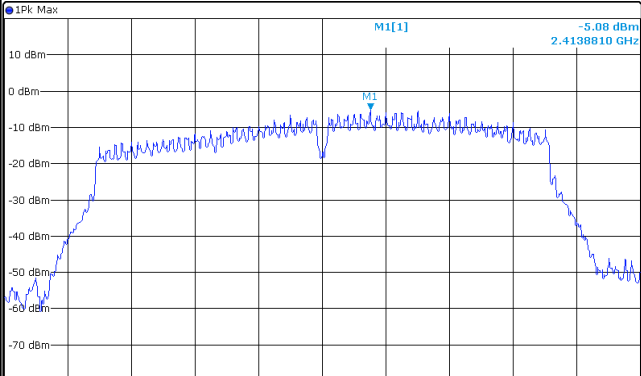
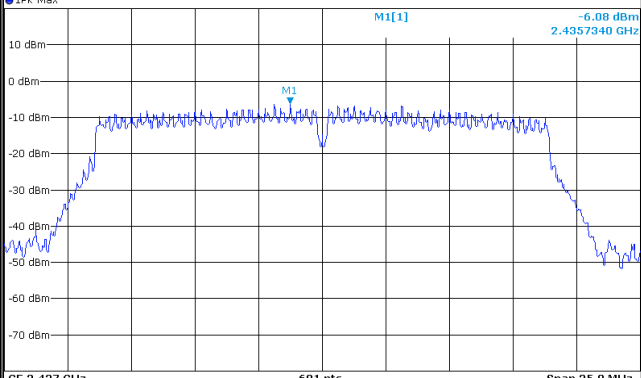
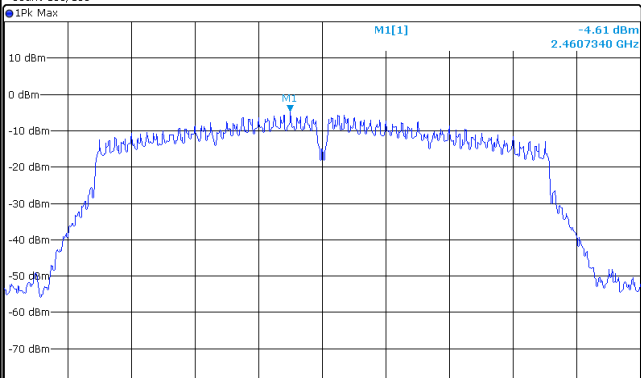
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	16.99	14.69	≤ 30.00	Pass
	06	17.44	15.26		
	11	17.41	15.22		
802.11g	01	17.09	14.77	≤ 30.00	Pass
	06	17.56	15.01		
	11	17.48	14.98		
802.11n (HT20)	01	16.83	14.62	≤ 30.00	Pass
	06	17.41	15.00		
	11	17.16	14.93		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	1.94	≤8.00	Pass
	06	1.96		
	11	2.41		
802.11g	01	-4.81	≤8.00	Pass
	06	-6.46		
	11	-4.86		
802.11n(HT20)	01	-5.08	≤8.00	Pass
	06	-6.08		
	11	-4.60		

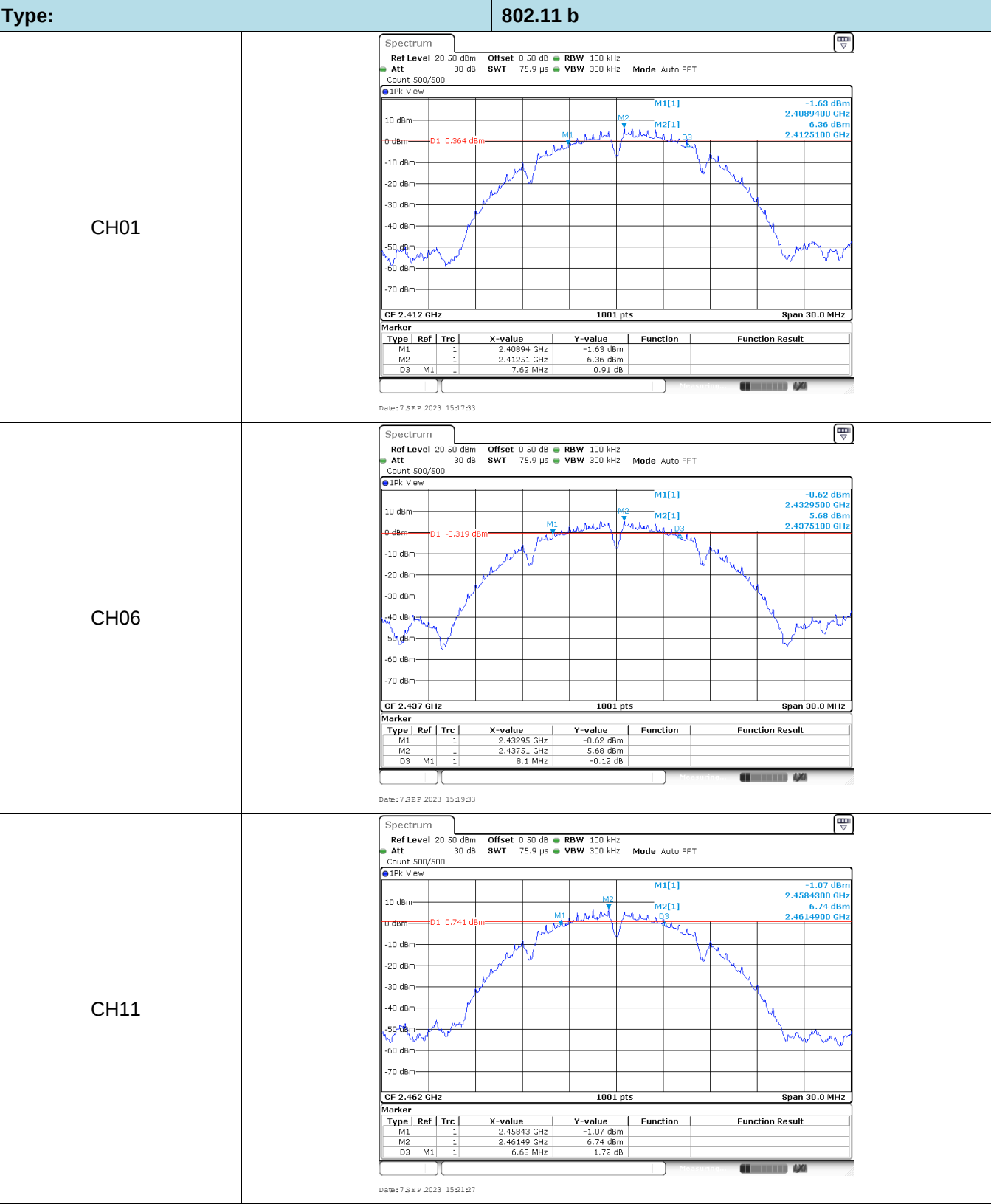
Appendix report page: 4 of 28

Type:	802.11 g
CH01	Spectrum plot for CH01. The plot shows a signal centered at 2.412 GHz. The peak level is -4.81 dBm. The plot includes a grid and various parameters: Ref Level 20.00 dBm, Offset 0.50 dB, RBW 30 kHz, Att 30 dB, SWT 189.6 μs, VBW 100 kHz, Mode Auto FFT, Count 100/100, 1Pk Max, M1[1], -4.81 dBm, 2.414960 GHz, CF 2.412 GHz, 691 pts, Span 25.0 MHz. Date: 7 SEP 2023 15:23:58.
CH06	Spectrum plot for CH06. The plot shows a signal centered at 2.437 GHz. The peak level is -6.46 dBm. The plot includes a grid and various parameters: Ref Level 20.00 dBm, Offset 0.50 dB, RBW 30 kHz, Att 30 dB, SWT 189.6 μs, VBW 100 kHz, Mode Auto FFT, Count 100/100, 1Pk Max, M1[1], -6.46 dBm, 2.4361320 GHz, CF 2.437 GHz, 691 pts, Span 25.0 MHz. Date: 7 SEP 2023 15:25:40.
CH11	Spectrum plot for CH11. The plot shows a signal centered at 2.462 GHz. The peak level is -4.86 dBm. The plot includes a grid and various parameters: Ref Level 20.00 dBm, Offset 0.50 dB, RBW 30 kHz, Att 30 dB, SWT 189.6 μs, VBW 100 kHz, Mode Auto FFT, Count 100/100, 1Pk Max, M1[1], -4.86 dBm, 2.4601190 GHz, CF 2.462 GHz, 691 pts, Span 25.0 MHz. Date: 7 SEP 2023 15:27:08.

Type:		802.11n(HT20)
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 0.50 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] -5.00 dBm 2.4138810 GHz  CF 2.412 GHz 691 pts Span 25.0 MHz Date: 7 SEP 2023 15:28:42	
CH06	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 0.50 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] -6.00 dBm 2.4357340 GHz  CF 2.437 GHz 691 pts Span 25.0 MHz Date: 7 SEP 2023 15:30:23	
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 0.50 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] -4.61 dBm 2.4607340 GHz  CF 2.462 GHz 691 pts Span 25.0 MHz Date: 7 SEP 2023 15:31:41	

Appendix C: 6dB bandwidth

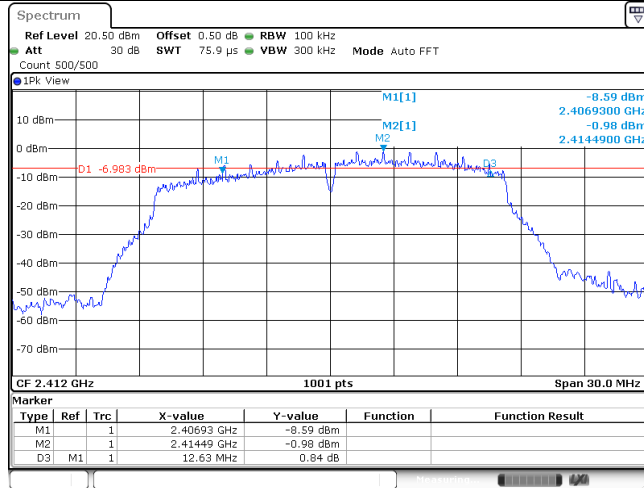
Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	7.62	≥0.5	Pass
	06	8.10		
	11	6.63		
802.11g	01	12.63	≥0.5	Pass
	06	15.15		
	11	12.63		
802.11n(HT20)	01	11.97	≥0.5	Pass
	06	17.22		
	11	12.66		



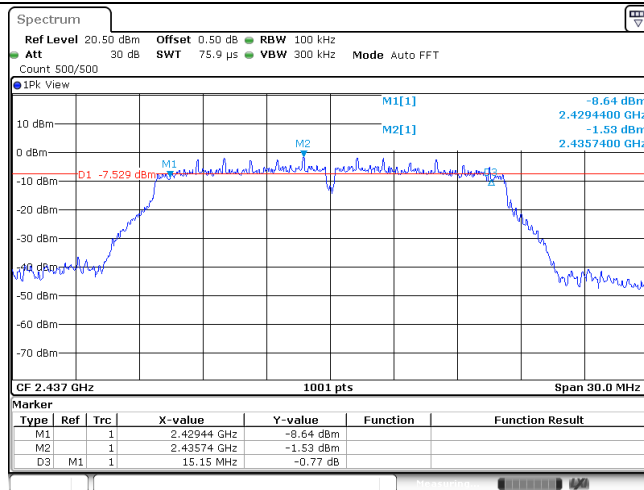
Type:

802.11 g

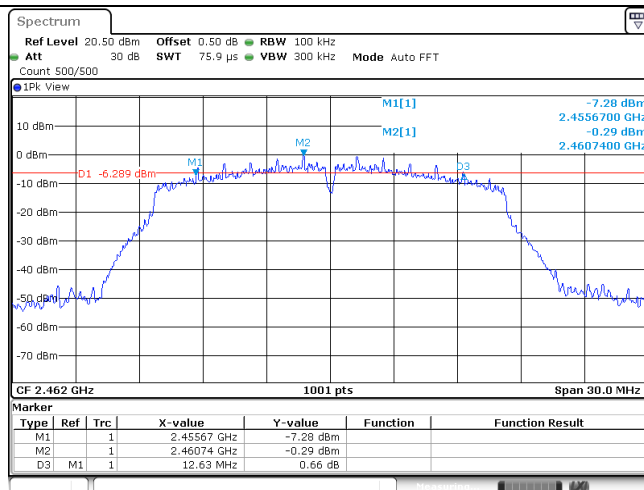
CH01



CH06



CH11

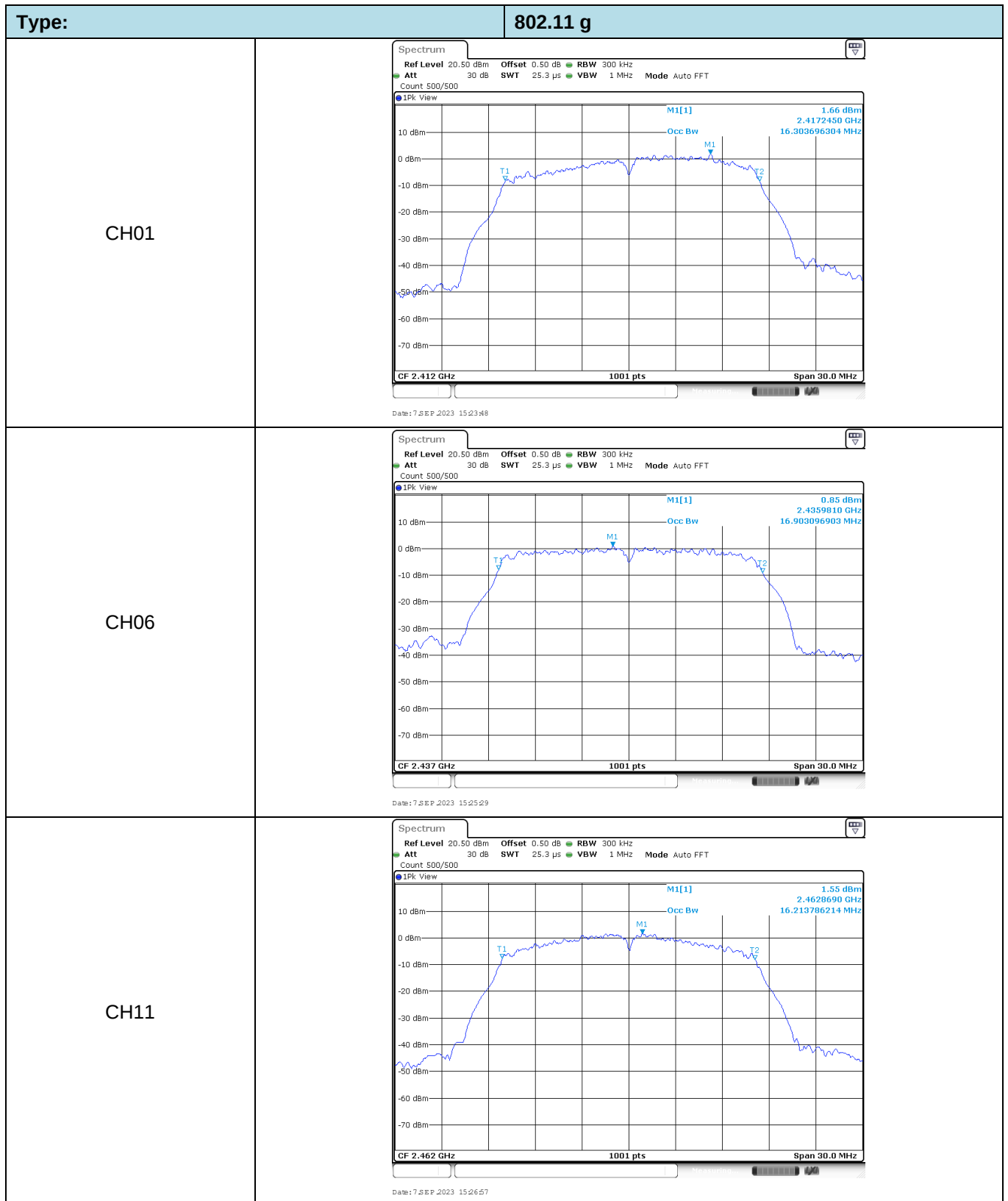


Appendix report page: 10 of 28

Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	11.96	-	Pass
	06	13.13		
	11	12.08		
802.11g	01	16.30	-	Pass
	06	16.90		
	11	16.21		
802.11n(HT20)	01	17.44	-	Pass
	06	17.77		
	11	17.29		

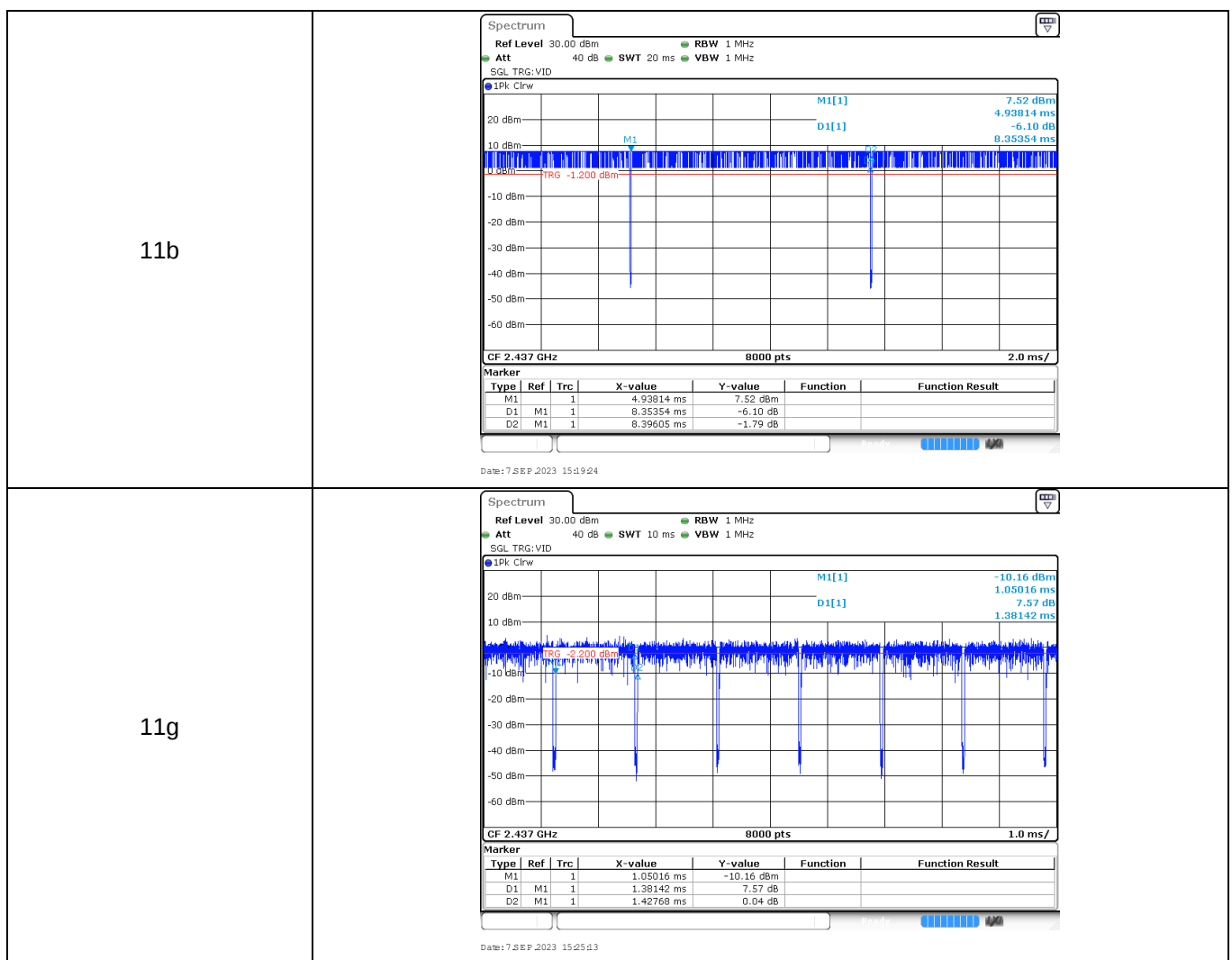
Appendix report page: 12 of 28

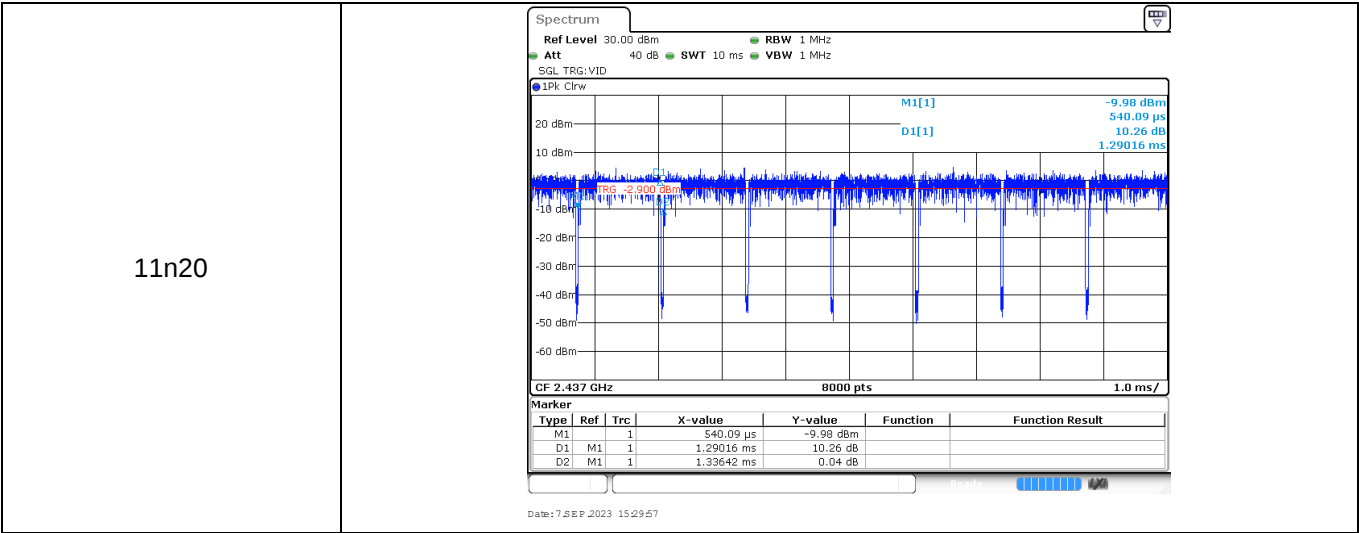


Type:	802.11n(HT20)
CH01	Spectrum plot for CH01. The plot shows a signal centered at 2.412 GHz. The peak level is 1.61 dBm. The signal is measured at 2.4154770 GHz with a bandwidth of 17.442557443 MHz. The plot includes a 10 dBm reference level, a 30 dB offset, and a 300 kHz resolution bandwidth. The signal is measured at 2.412 GHz with a 1001 point span and a 30.0 MHz span.
CH06	Spectrum plot for CH06. The plot shows a signal centered at 2.437 GHz. The peak level is 0.85 dBm. The signal is measured at 2.436430 GHz with a bandwidth of 17.772227772 MHz. The plot includes a 10 dBm reference level, a 30 dB offset, and a 300 kHz resolution bandwidth. The signal is measured at 2.437 GHz with a 1001 point span and a 30.0 MHz span.
CH11	Spectrum plot for CH11. The plot shows a signal centered at 2.462 GHz. The peak level is 2.38 dBm. The signal is measured at 2.4609810 GHz with a bandwidth of 17.292707293 MHz. The plot includes a 10 dBm reference level, a 30 dB offset, and a 300 kHz resolution bandwidth. The signal is measured at 2.462 GHz with a 1001 point span and a 30.0 MHz span.

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	99.40%	0.1
11g	2437	1.38	1.43	96.50%	0.7
11n20	2437	1.29	1.34	96.27%	0.8





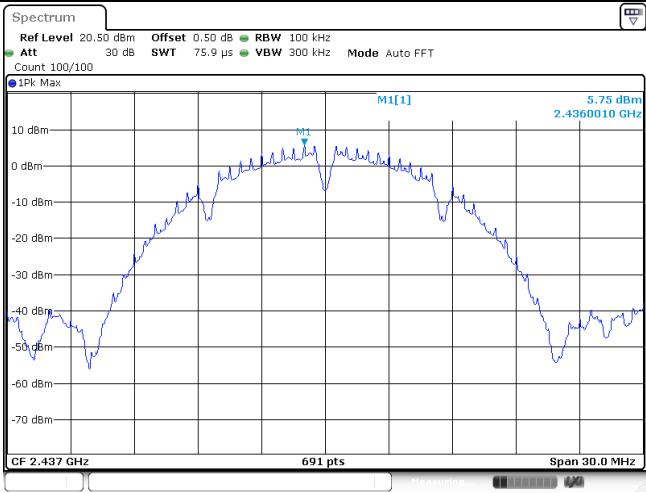
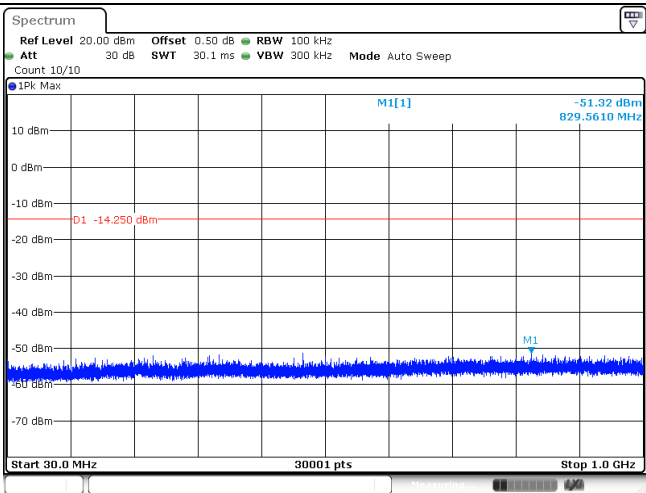
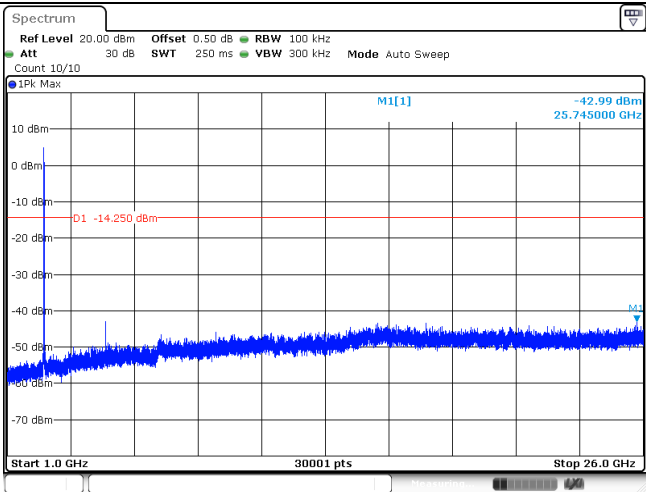
Appendix F: Band edge and Spurious Emissions (conducted)

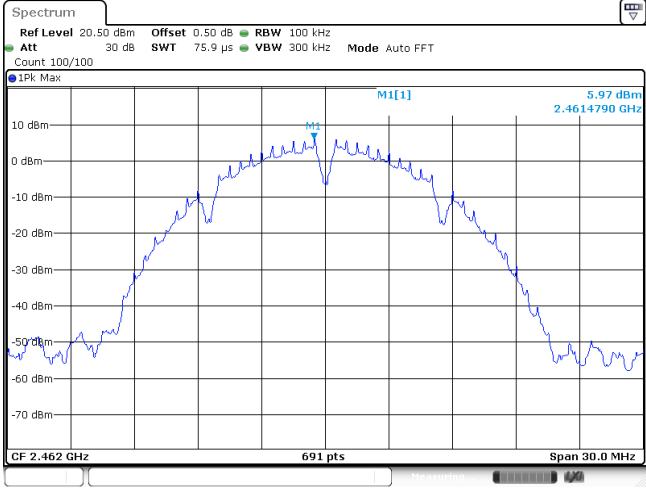
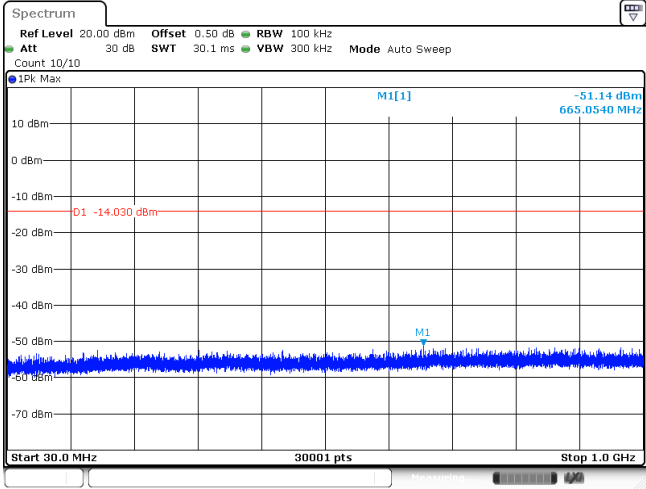
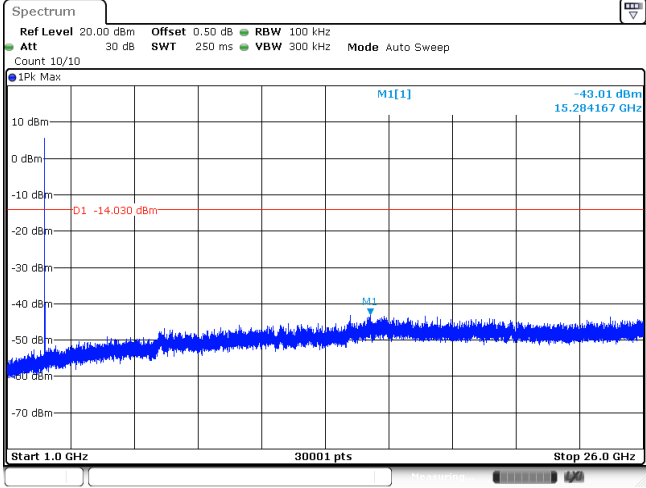
Test Item:	Bandedge	Type:	802.11 b																																										
CH01	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 M5 5.22 dBm 2.413000 GHz -51.35 dBm 2.410000 GHz -59.78 dBm 2.398626 GHz -50.61 dBm D1 -14.780 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>2.413 GHz</td><td>5.22 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-51.35 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-59.78 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-58.43 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.398626 GHz</td><td>-50.61 dBm</td><td></td><td></td></tr></table> Date: 7 SEP 2023 15:18:05			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.413 GHz	5.22 dBm			M2	1		2.4 GHz	-51.35 dBm			M3	1		2.39 GHz	-59.78 dBm			M4	1		2.31 GHz	-58.43 dBm			M5	1		2.398626 GHz	-50.61 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.413 GHz	5.22 dBm																																									
M2	1		2.4 GHz	-51.35 dBm																																									
M3	1		2.39 GHz	-59.78 dBm																																									
M4	1		2.31 GHz	-58.43 dBm																																									
M5	1		2.398626 GHz	-50.61 dBm																																									
CH11	Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB 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 6.31 dBm 2.4614820 GHz -58.01 dBm 2.4835000 GHz D1 -13.690 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>2.461482 GHz</td><td>6.31 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-58.01 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-59.98 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4901913 GHz</td><td>-56.00 dBm</td><td></td><td></td></tr></table> Date: 7 SEP 2023 15:21:54			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.461482 GHz	6.31 dBm			M2	1		2.4835 GHz	-58.01 dBm			M3	1		2.5 GHz	-59.98 dBm			M4	1		2.4901913 GHz	-56.00 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.461482 GHz	6.31 dBm																																									
M2	1		2.4835 GHz	-58.01 dBm																																									
M3	1		2.5 GHz	-59.98 dBm																																									
M4	1		2.4901913 GHz	-56.00 dBm																																									

Test Item:	Bandedge	Type:	802.11 g																																										
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 0.50 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 M5 -0.31 dBm 2.414460 GHz -52.02 dBm 2.400000 GHz -59.38 dBm -50.35 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>2.41446 GHz</td><td>-0.31 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.02 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-58.58 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.38 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399925 GHz</td><td>-50.35 dBm</td><td></td><td></td></tr></table> Date: 7.SEP.2023 15:24:07			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41446 GHz	-0.31 dBm			M2	1		2.4 GHz	-52.02 dBm			M3	1		2.39 GHz	-58.58 dBm			M4	1		2.31 GHz	-59.38 dBm			M5	1		2.399925 GHz	-50.35 dBm		
	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
M1	1		2.41446 GHz	-0.31 dBm																																									
M2	1		2.4 GHz	-52.02 dBm																																									
M3	1		2.39 GHz	-58.58 dBm																																									
M4	1		2.31 GHz	-59.38 dBm																																									
M5	1		2.399925 GHz	-50.35 dBm																																									
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 0.50 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 -0.11 dBm 2.4607180 GHz -57.41 dBm 2.4835000 GHz -54.90 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>2.460718 GHz</td><td>-0.11 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-57.41 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-58.63 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4899826 GHz</td><td>-54.90 dBm</td><td></td><td></td></tr></table> Date: 7.SEP.2023 15:27:16			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.460718 GHz	-0.11 dBm			M2	1		2.4835 GHz	-57.41 dBm			M3	1		2.5 GHz	-58.63 dBm			M4	1		2.4899826 GHz	-54.90 dBm									
	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																						
M1	1		2.460718 GHz	-0.11 dBm																																									
M2	1		2.4835 GHz	-57.41 dBm																																									
M3	1		2.5 GHz	-58.63 dBm																																									
M4	1		2.4899826 GHz	-54.90 dBm																																									

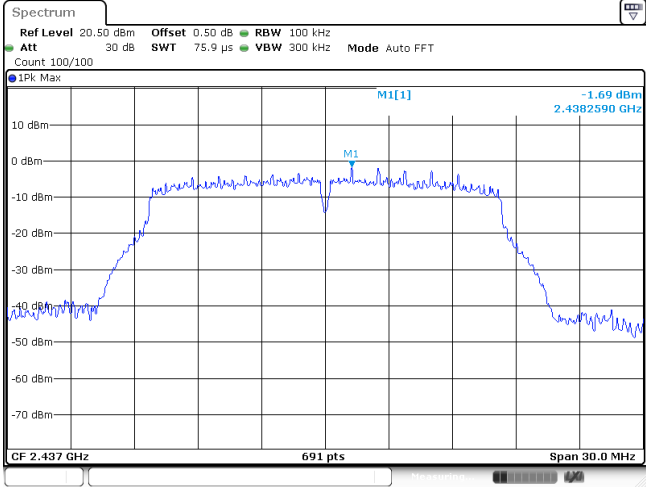
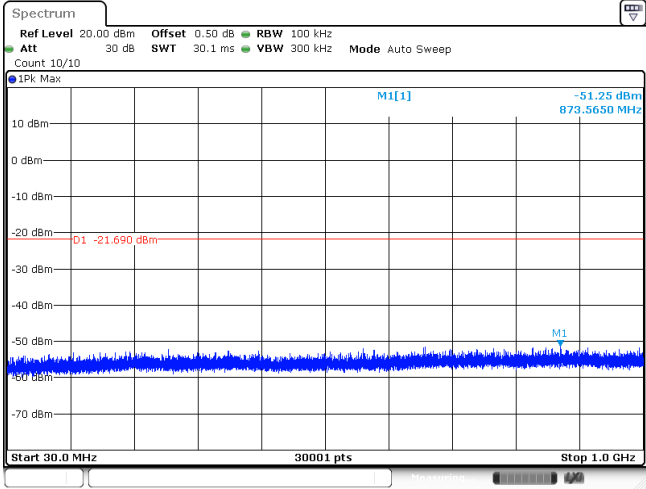
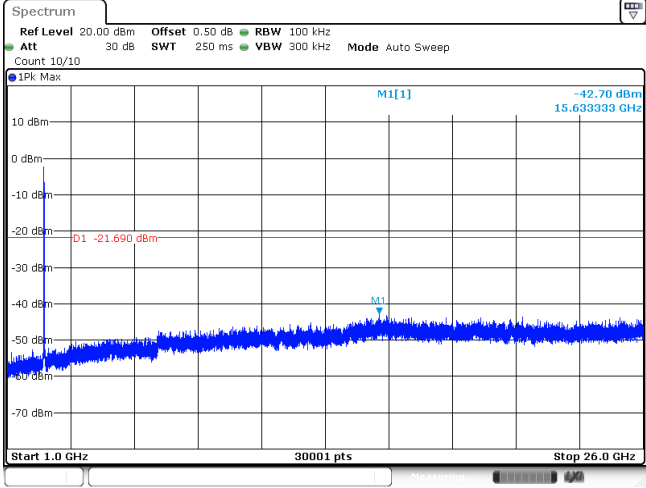
Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 0.50 dB RBW 100 kHz SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 M5 -2.07 dBm 2.413170 GHz -52.30 dBm 2.400000 GHz -23.860 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>2.41317 GHz</td><td>-2.07 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-52.30 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-59.02 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.06 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.399925 GHz</td><td>-50.59 dBm</td><td></td><td></td></tr></table> Date: 7.SEP.2023 15:28:51			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41317 GHz	-2.07 dBm			M2	1		2.4 GHz	-52.30 dBm			M3	1		2.39 GHz	-59.02 dBm			M4	1		2.31 GHz	-59.06 dBm			M5	1		2.399925 GHz	-50.59 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.41317 GHz	-2.07 dBm																																									
M2	1		2.4 GHz	-52.30 dBm																																									
M3	1		2.39 GHz	-59.02 dBm																																									
M4	1		2.31 GHz	-59.06 dBm																																									
M5	1		2.399925 GHz	-50.59 dBm																																									
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 0.50 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 -0.25 dBm 2.4607180 GHz -54.67 dBm 2.4835000 GHz -20.250 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>2.460718 GHz</td><td>-0.25 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-54.67 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-58.89 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483513 GHz</td><td>-54.67 dBm</td><td></td><td></td></tr></table> Date: 7.SEP.2023 15:31:50			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.460718 GHz	-0.25 dBm			M2	1		2.4835 GHz	-54.67 dBm			M3	1		2.5 GHz	-58.89 dBm			M4	1		2.483513 GHz	-54.67 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.460718 GHz	-0.25 dBm																																									
M2	1		2.4835 GHz	-54.67 dBm																																									
M3	1		2.5 GHz	-58.89 dBm																																									
M4	1		2.483513 GHz	-54.67 dBm																																									

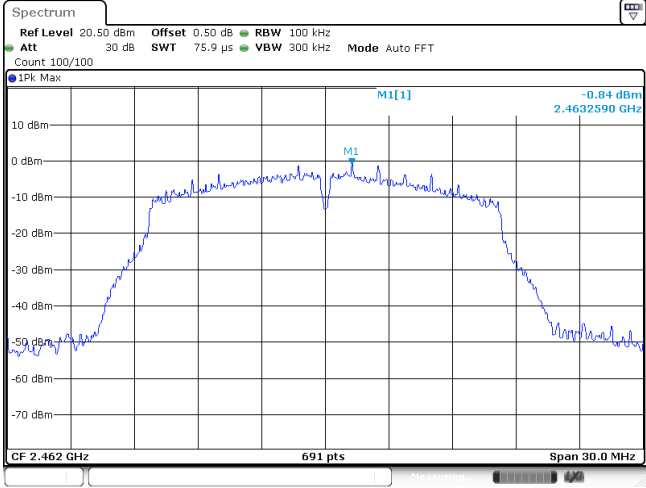
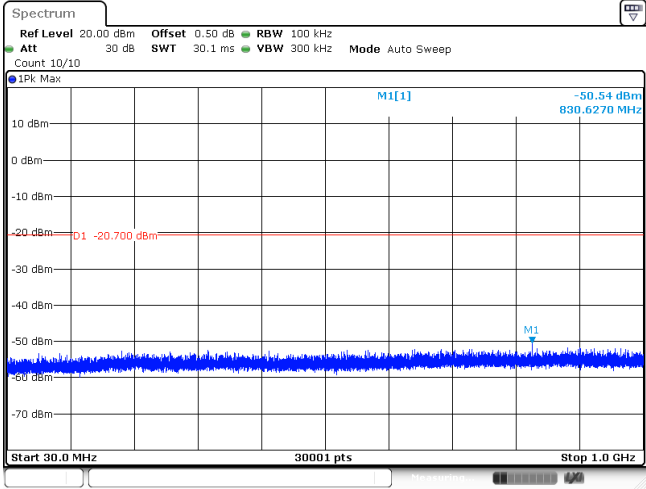
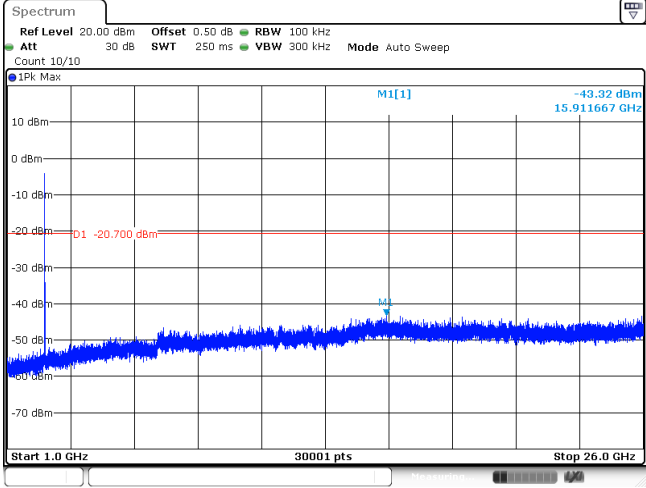
Test Item:	Spurious Emissions	Type:	802.11 b
CH01 Reference level	Spectrum Ref Level 20.50 dBm Att 30 dB Count 100/100 Offset 0.50 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk Max M1[1] 5.89 dBm 2.4125210 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.412 GHz 691 pts Span 30.0 MHz Date: 7 SEP. 2023 15:18:12		
CH01 30MHz~1000MHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 0.50 dB SWT 30.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max M1[1] -50.99 dBm 785.9440 MHz D1 -13.650 dBm 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: 7 SEP. 2023 15:18:27		
CH01 1GHz~26GHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 0.50 dB SWT 250 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max M1[1] -43.16 dBm 25.890000 GHz D1 -13.650 dBm 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: 7 SEP. 2023 15:18:43		

CH06 Reference level	 Spectrum Ref Level 20.50 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max 5.75 dBm 2.4360010 GHz CF 2.437 GHz 691 pts Span 30.0 MHz Date: 7 SEP 2023 15:19:57
CH06 30MHz~1000MHz	 Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max -51.32 dBm 829.5610 MHz D1 -14.250 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 7 SEP 2023 15:20:12
CH06 1GHz~26GHz	 Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max -42.99 dBm 25.745000 GHz D1 -14.250 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 7 SEP 2023 15:20:27

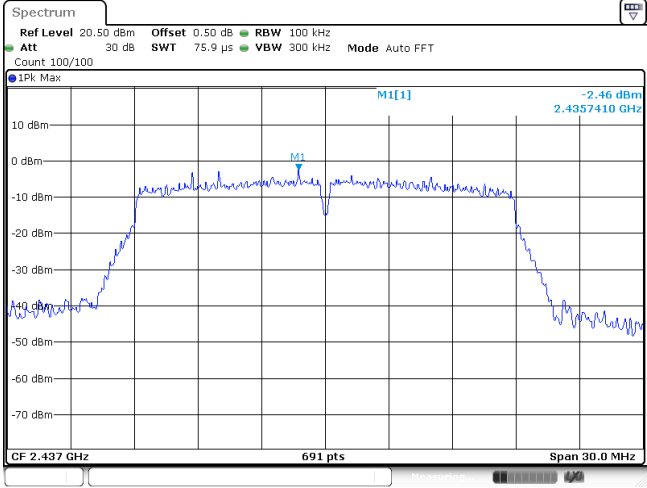
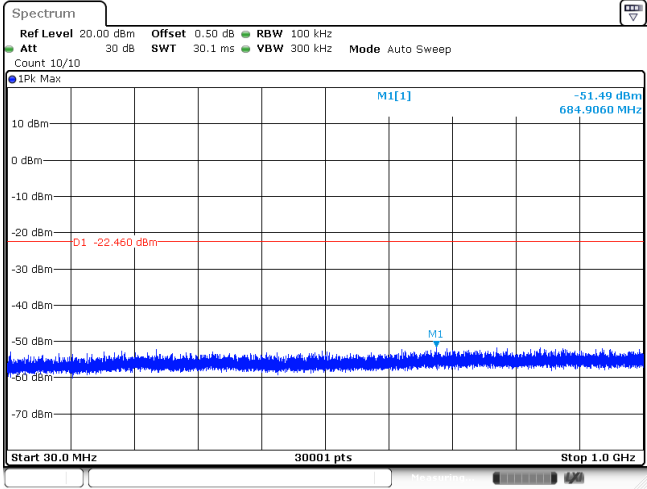
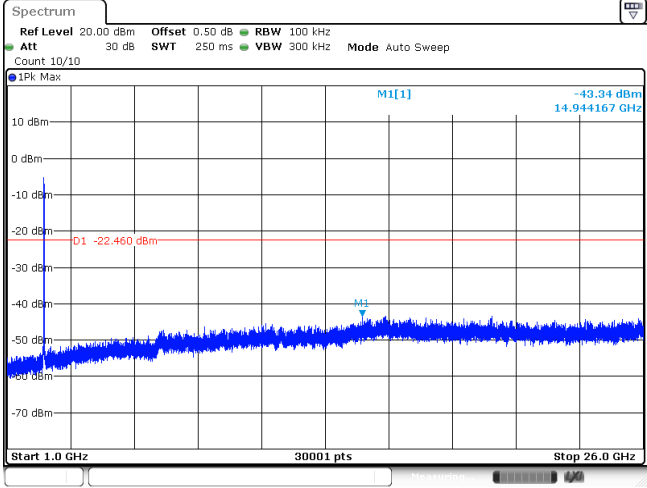
CH11 Reference level	 Date: 7 SEP 2023 15:22:00
CH11 30MHz~1000MHz	 Date: 7 SEP 2023 15:22:15
CH11 1GHz~26GHz	 Date: 7 SEP 2023 15:22:30

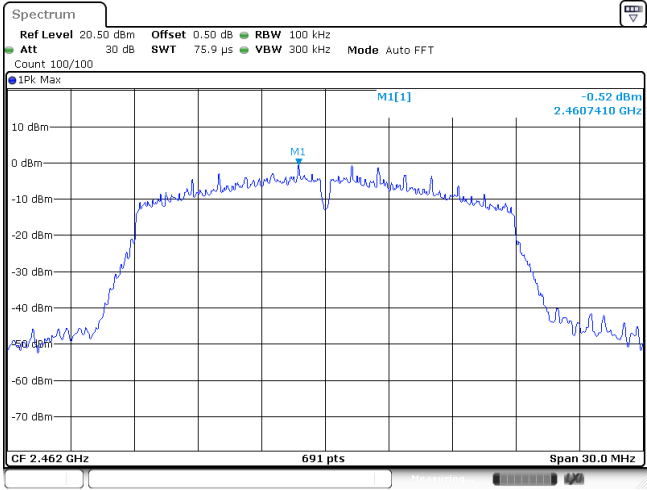
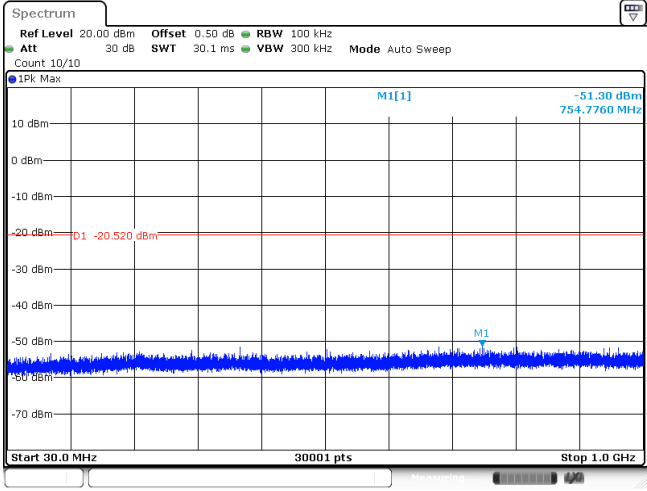
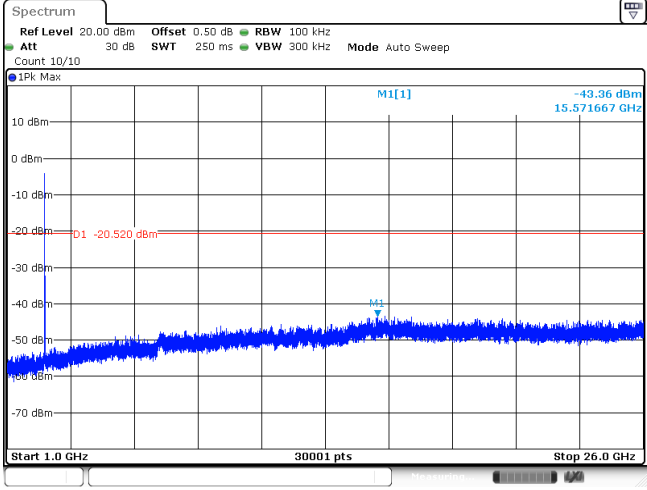
Test Item:	Spurious Emissions	Type:	802.11 g
CH01 Reference level	Spectrum Ref Level 20.50 dBm Att 30 dB Count 100/100 Offset 0.50 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk Max -0.49 dBm 2.4145180 GHz M1[1] M1 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.412 GHz 691 pts Span 30.0 MHz Date: 7 SEP. 2023 15:24:13		
CH01 30MHz~1000MHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 0.50 dB SWT 30.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max -50.66 dBm 948.3490 MHz M1[1] M1 -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 7 SEP. 2023 15:24:28		
CH01 1GHz~26GHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 0.50 dB SWT 250 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max -43.16 dBm 15.864167 GHz M1[1] M1 -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 7 SEP. 2023 15:24:43		

CH06 Reference level	 Ref Level 20.50 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -1.69 dBm 2.4382590 GHz CF 2.437 GHz 691 pts Span 30.0 MHz Date: 7 SEP 2023 15:25:45
CH06 30MHz~1000MHz	 Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -51.25 dBm 873.5650 MHz D1 -21.690 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 7 SEP 2023 15:26:00
CH06 1GHz~26GHz	 Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -42.70 dBm 15.633333 GHz D1 -21.690 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 7 SEP 2023 15:26:15

CH11 Reference level	 CF 2.462 GHz 691 pts Span 30.0 MHz Date: 7 SEP 2023 15:27:22
CH11 30MHz~1000MHz	 Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 7 SEP 2023 15:27:37
CH11 1GHz~26GHz	 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 7 SEP 2023 15:27:52

Test Item:	Spurious Emissions	Type:	802.11 n(HT20)
CH01 Reference level	Spectrum Ref Level 20.50 dBm Att 30 dB Count 100/100 Offset 0.50 dB SWT 75.9 μs RBW 100 kHz VBW 300 kHz Mode Auto FFT 1Pk Max M1[1] -0.50 dBm 2.4144750 GHz 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: 7 SEP. 2023 15:28:57		
CH01 30MHz~1000MHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 0.50 dB SWT 30.1 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max M1[1] -51.04 dBm 841.2970 MHz M1 -20 dBm D1 -20.500 dBm 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: 7 SEP. 2023 15:29:12		
CH01 1GHz~26GHz	Spectrum Ref Level 20.00 dBm Att 30 dB Count 10/10 Offset 0.50 dB SWT 250 ms RBW 100 kHz VBW 300 kHz Mode Auto Sweep 1Pk Max M1[1] -43.02 dBm 20.788333 GHz M1 -20 dBm D1 -20.500 dBm 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: 7 SEP. 2023 15:29:27		

CH06 Reference level	
CH06 30MHz~1000MHz	
CH06 1GHz~26GHz	

CH11 Reference level	 Spectrum Ref Level 20.50 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] -0.52 dBm 2.4607410 GHz CF 2.462 GHz 691 pts Span 30.0 MHz Date: 7 SEP 2023 15:31:56
CH11 30MHz~1000MHz	 Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -51.30 dBm 754.7760 MHz D1 -20.520 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 7 SEP 2023 15:32:11
CH11 1GHz~26GHz	 Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 100 kHz Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max M1[1] -43.36 dBm 15.571667 GHz D1 -20.520 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 7 SEP 2023 15:32:26

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