

APPENDIX REPORT

Project No.	SHT2005026001EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT20050260006	Model No.	SC100
Start test date	2020/5/27	Finish date	2020/5/27
Temperature	25°C	Humidity	50%
Test Engineer	JiongSheng.Feng	Auditor	<i>William.wang</i>

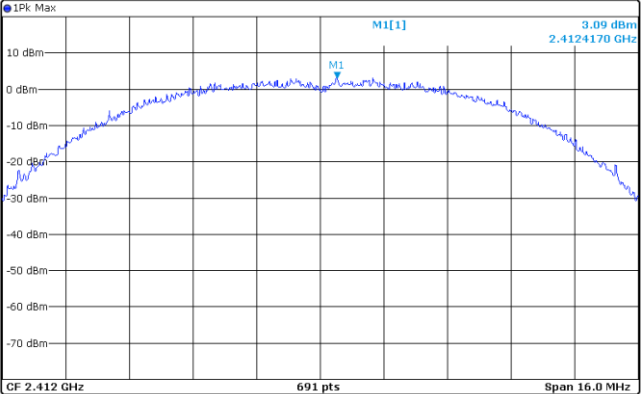
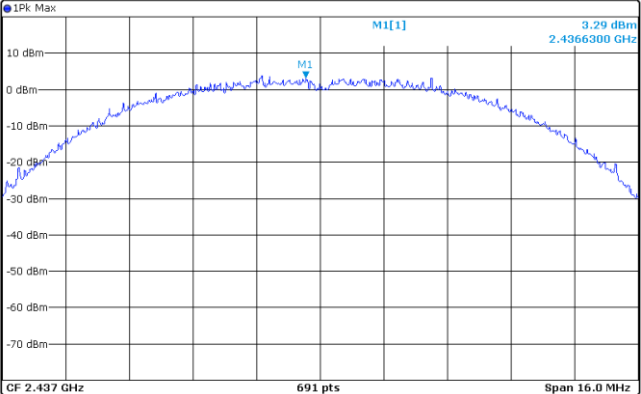
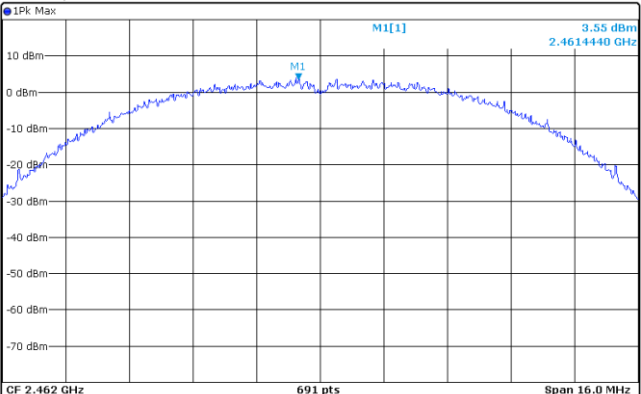
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

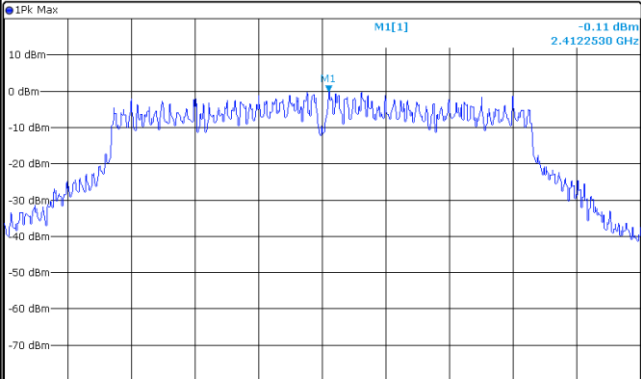
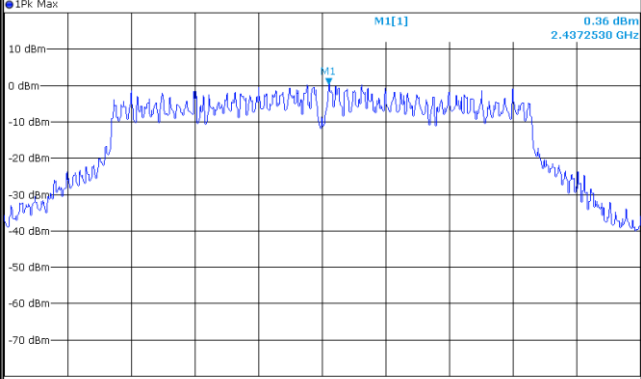
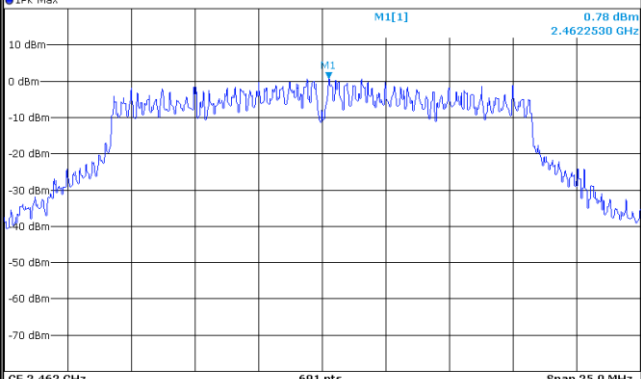
Appendix A: Conducted Peak Output Power

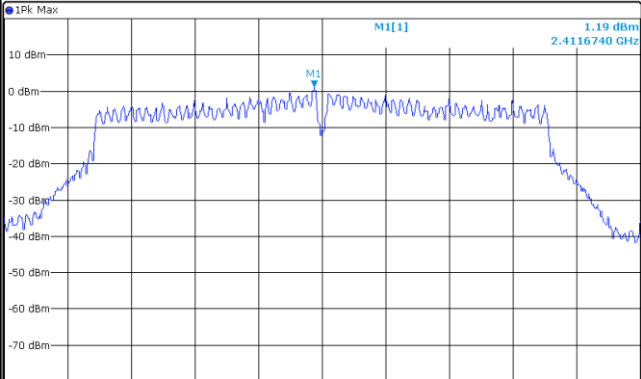
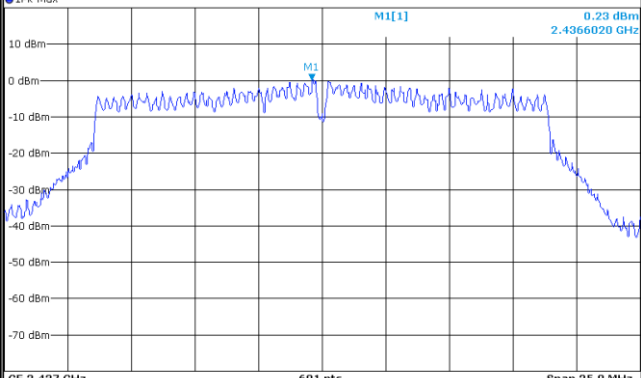
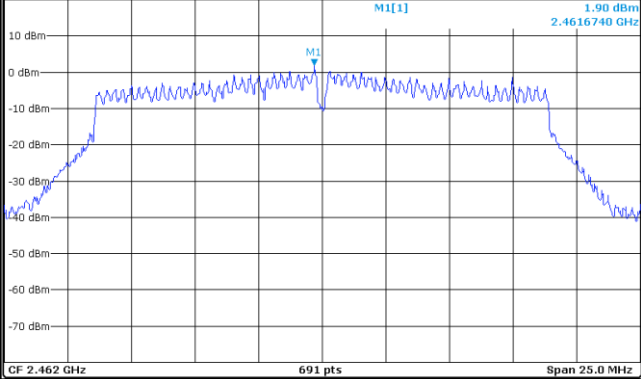
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	22.88	20.32	≤30.00	Pass
	06	23.40	20.97		
	11	23.41	21.19		
802.11g	01	23.88	20.37	≤30.00	Pass
	06	24.27	20.77		
	11	24.65	21.15		
802.11n(HT20)	01	22.98	19.69	≤30.00	Pass
	06	23.70	20.16		
	11	24.07	20.65		
802.11n(HT40)	03	23.19	19.71	≤30.00	Pass
	06	23.58	20.15		
	09	23.63	19.97		

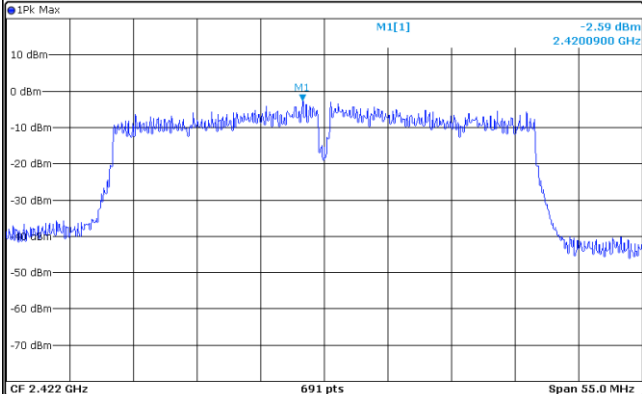
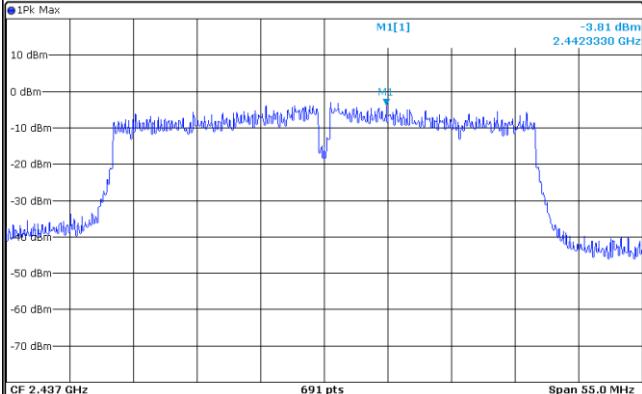
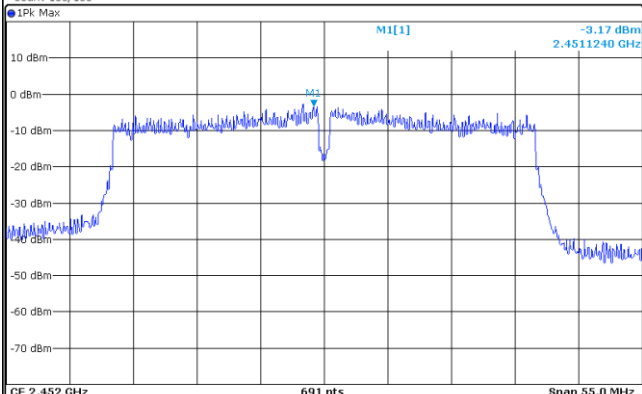
Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	3.09	≤8.00	Pass
	06	3.29		
	11	3.55		
802.11g	01	-0.11	≤8.00	Pass
	06	0.36		
	11	0.78		
802.11n(HT20)	01	1.19	≤8.00	Pass
	06	0.23		
	11	1.90		
802.11n(HT40)	03	-2.59	≤8.00	Pass
	06	-3.81		
	09	-3.17		

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] 9.09 dBm 2.4124170 GHz  CF 2.412 GHz691 ptsSpan 16.0 MHz Date: 27 MAY 2020 16:20:26
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] 9.29 dBm 2.4366300 GHz  CF 2.437 GHz691 ptsSpan 16.0 MHz Date: 27 MAY 2020 16:24:22
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] 9.55 dBm 2.4614440 GHz  CF 2.462 GHz691 ptsSpan 16.0 MHz Date: 27 MAY 2020 16:26:39

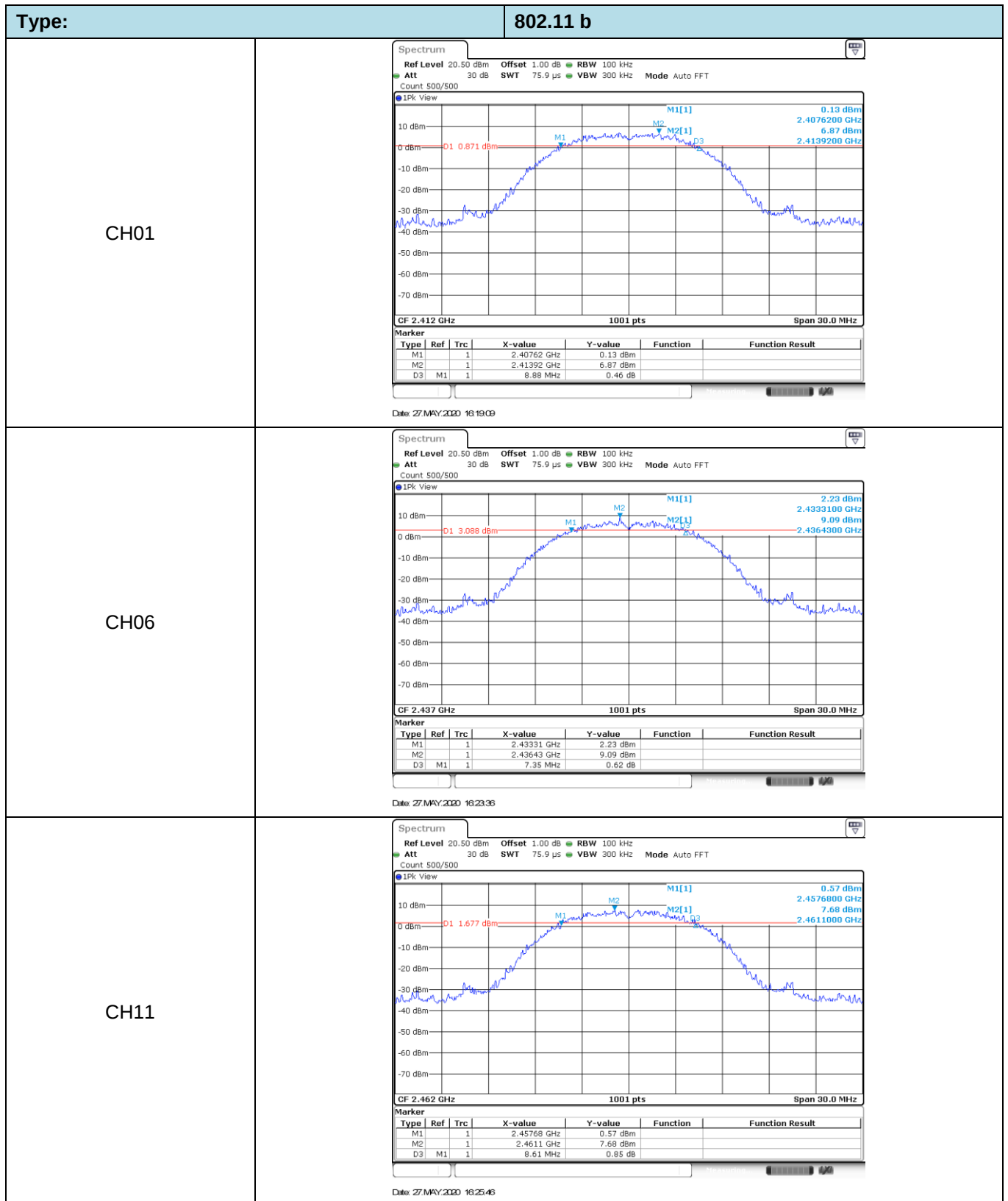
Type:		802.11 g
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] -0.11 dBm 2.4122530 GHz  CF 2.412 GHz 691 pts Span 25.0 MHz Date: 27 MAY 2020 16:29:42	
CH06	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] 0.36 dBm 2.4372530 GHz  CF 2.437 GHz 691 pts Span 25.0 MHz Date: 27 MAY 2020 16:32:10	
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] 0.78 dBm 2.4622530 GHz  CF 2.462 GHz 691 pts Span 25.0 MHz Date: 27 MAY 2020 16:34:16	

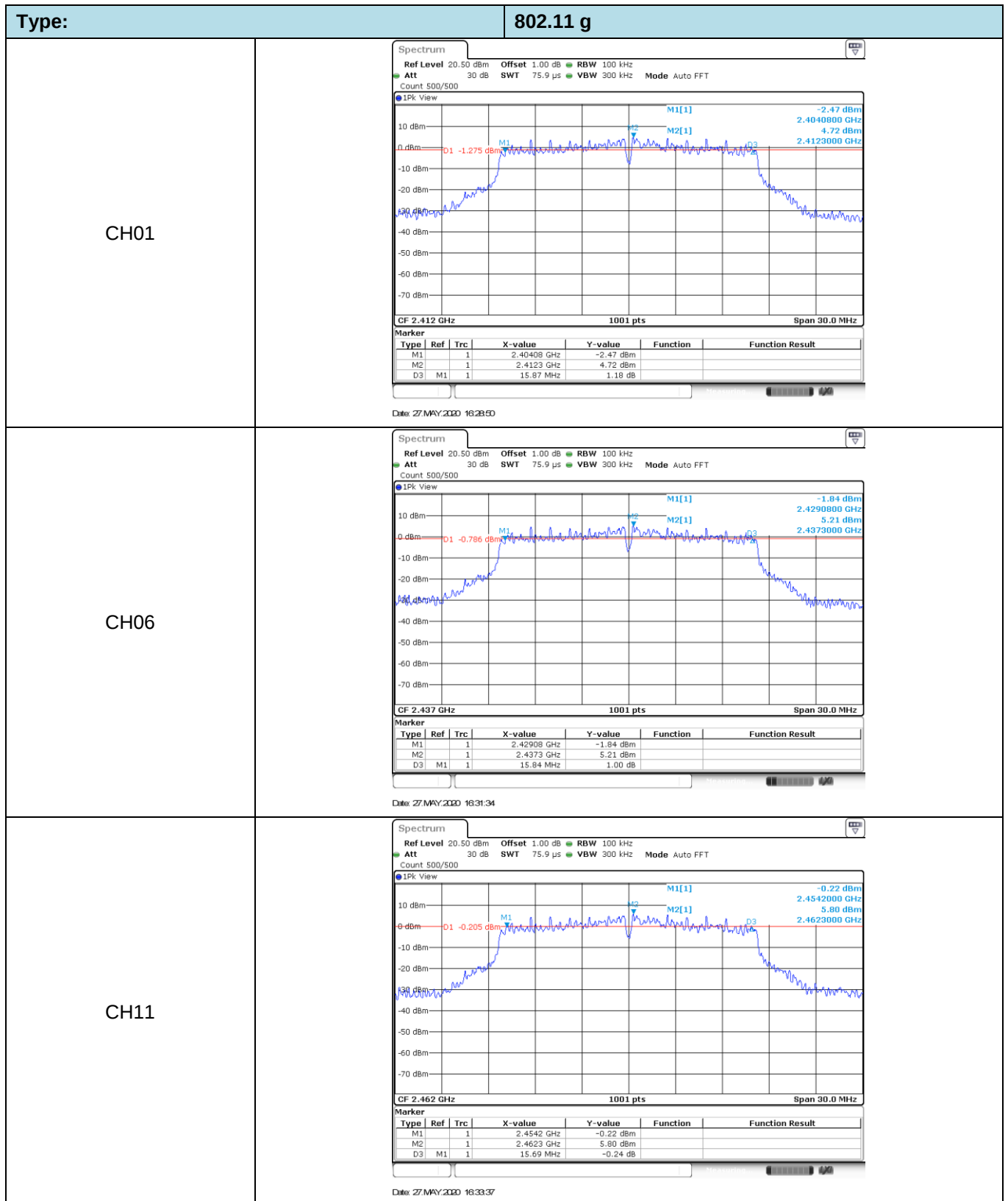
Type:		802.11n(HT20)
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] 1.19 dBm 2.4116740 GHz  CF 2.412 GHz 691 pts Span 25.0 MHz Date: 27 MAY 2020 16:37:34	
CH06	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] 0.29 dBm 2.4366020 GHz  CF 2.437 GHz 691 pts Span 25.0 MHz Date: 27 MAY 2020 16:40:16	
CH11	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 189.6 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1[1] 1.90 dBm 2.4616740 GHz  CF 2.462 GHz 691 pts Span 25.0 MHz Date: 27 MAY 2020 16:42:23	

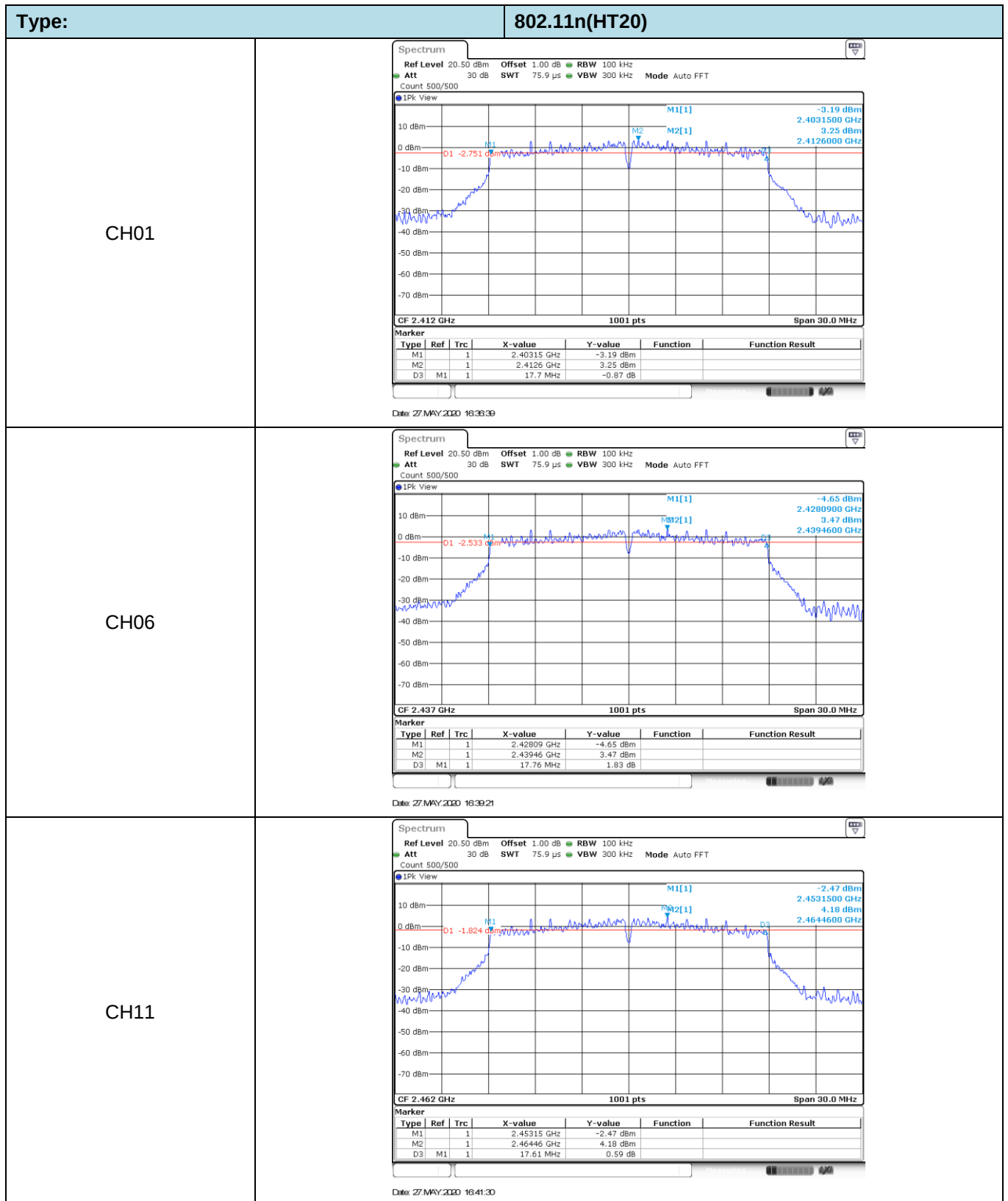
Type:		802.11n(HT40)
CH03	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 442.4 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1 M1[1] -2.59 dBm 2.4200900 GHz  CF 2.422 GHz691 ptsSpan 55.0 MHz Date: 28 MAY 2020 10:41:24	
CH06	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 442.4 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1 M1[1] -9.81 dBm 2.4423330 GHz  CF 2.437 GHz691 ptsSpan 55.0 MHz Date: 28 MAY 2020 10:47:25	
CH09	Spectrum Ref Level 20.00 dBm Att 30 dB Count 100/100 Offset 1.00 dB SWT 442.4 μs RBW 30 kHz VBW 100 kHz Mode Auto FFT 1Pk Max M1 M1[1] -9.17 dBm 2.4511240 GHz  CF 2.452 GHz691 ptsSpan 55.0 MHz Date: 28 MAY 2020 10:48:49	

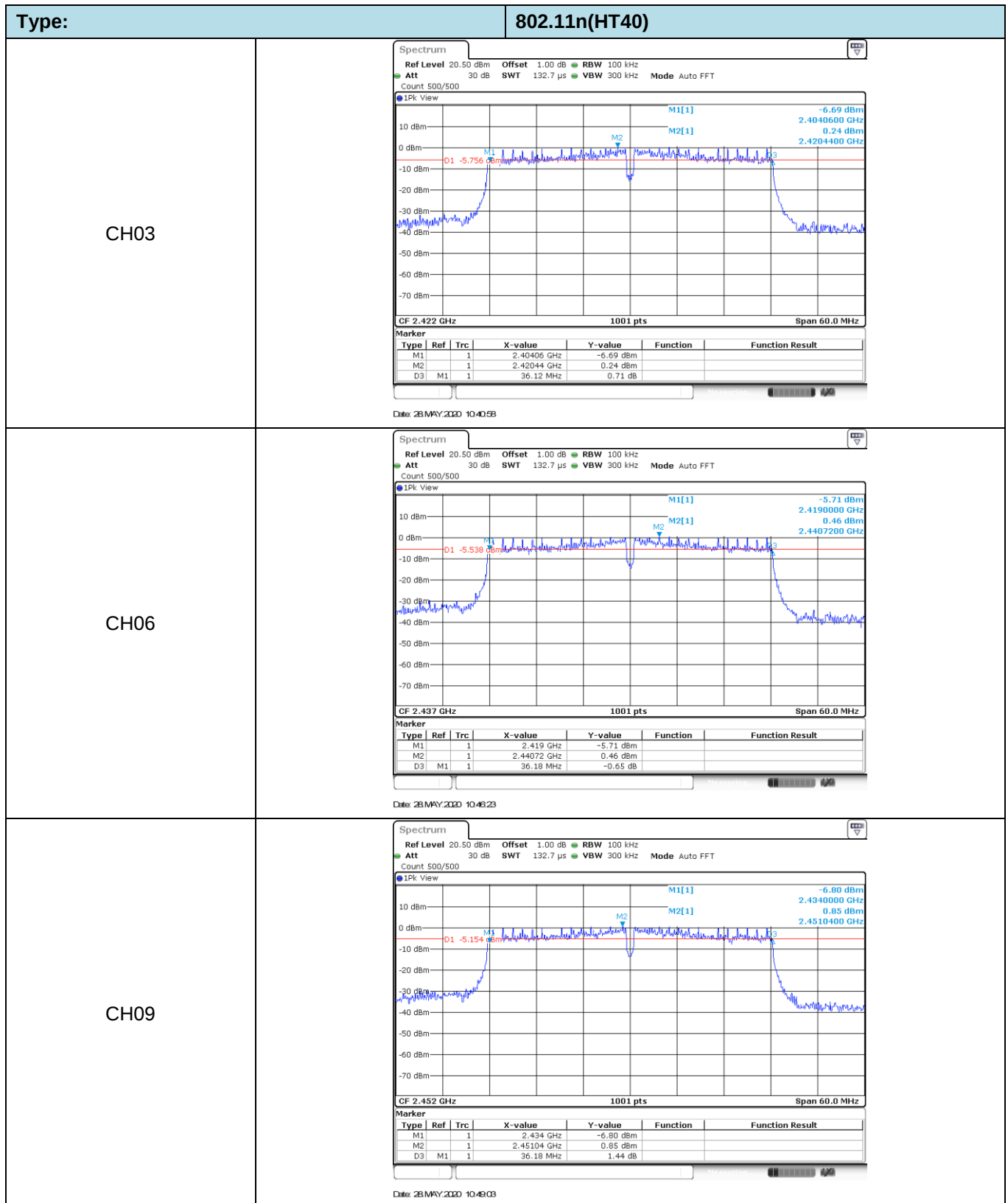
Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	8.88	≥0.5	Pass
	06	7.35		
	11	8.61		
802.11g	01	15.87	≥0.5	Pass
	06	15.84		
	11	15.69		
802.11n(HT20)	01	17.70	≥0.5	Pass
	06	17.76		
	11	17.61		
802.11n(HT40)	03	36.12	≥0.5	Pass
	06	36.18		
	09	36.18		



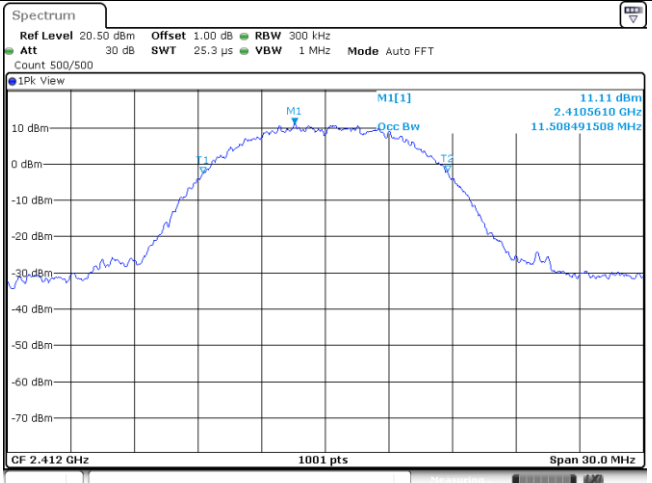
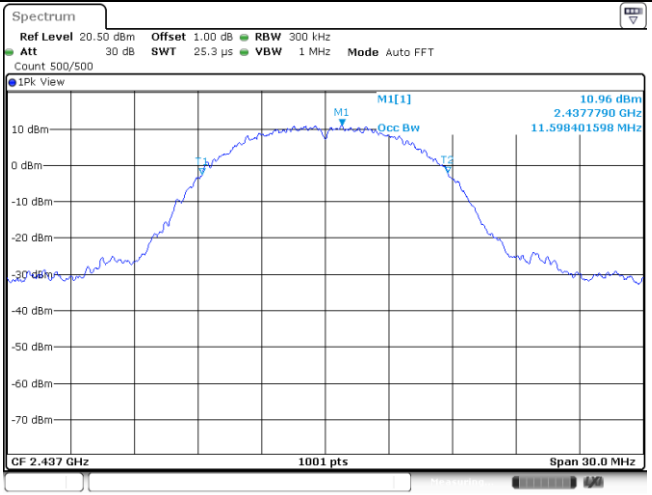
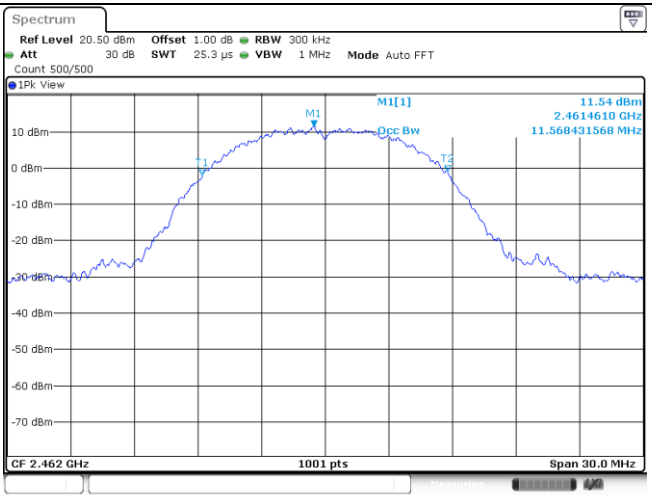




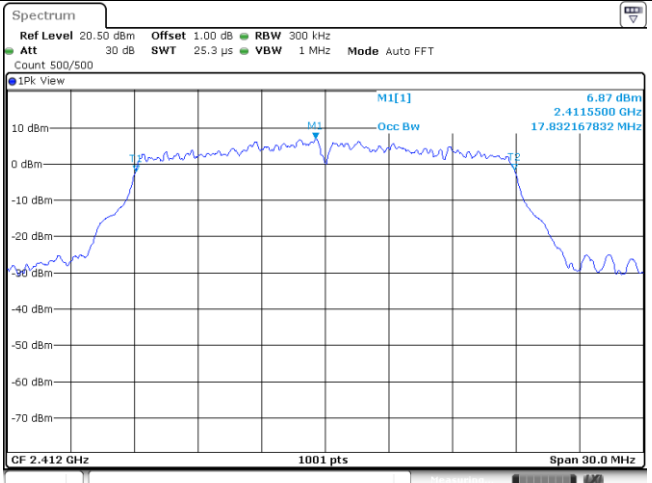
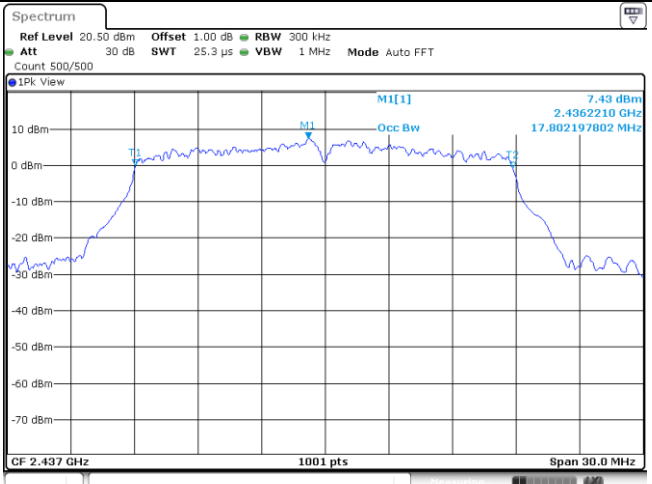
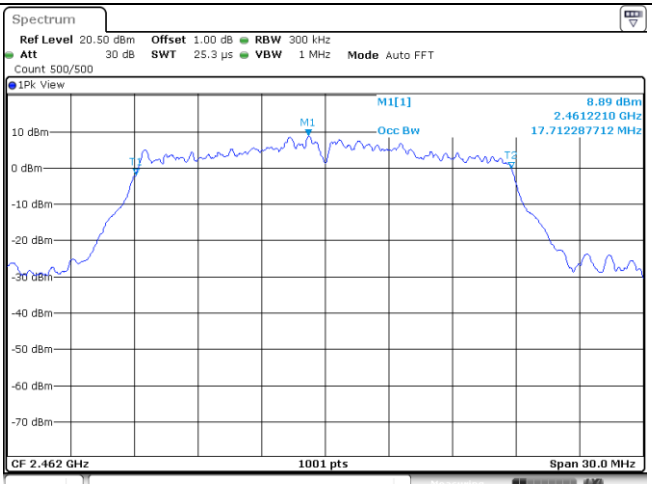


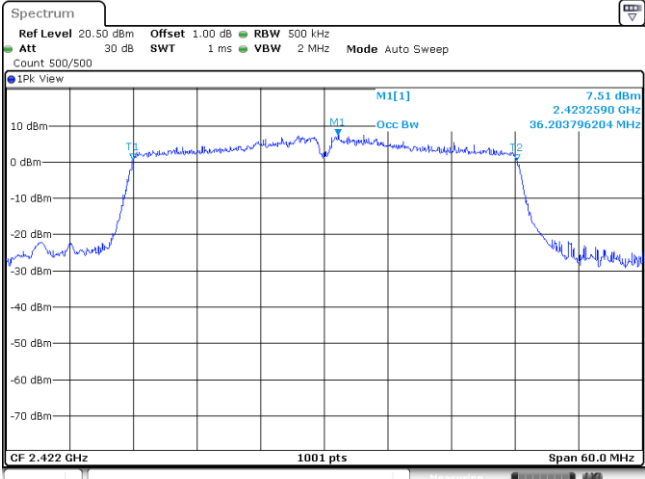
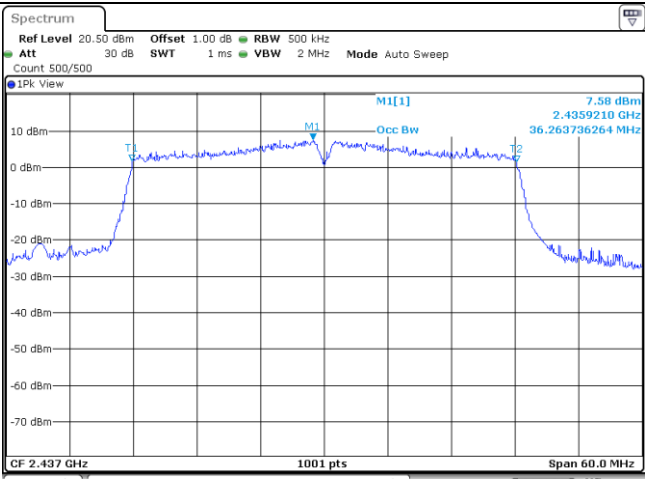
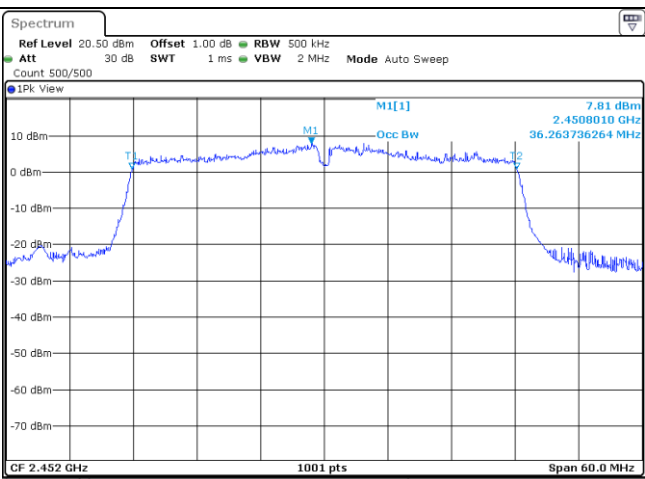
Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	11.51	-	Pass
	06	11.60		
	11	11.57		
802.11g	01	16.60	-	Pass
	06	16.54		
	11	16.45		
802.11n(HT20)	01	17.83	-	Pass
	06	17.80		
	11	17.71		
802.11n(HT40)	03	36.20	-	Pass
	06	36.26		
	09	36.26		

Type:	802.11 b
CH01	 Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1Pk View 11.11 dBm 2.4105610 GHz 11.508491508 MHz CF 2.412 GHz 1001 pts Span 30.0 MHz Date: 27 MAY 2020 16:19:17
CH06	 Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1Pk View 10.96 dBm 2.4377790 GHz 11.598401598 MHz CF 2.437 GHz 1001 pts Span 30.0 MHz Date: 27 MAY 2020 16:23:44
CH11	 Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1Pk View 11.54 dBm 2.4614610 GHz 11.568431568 MHz CF 2.462 GHz 1001 pts Span 30.0 MHz Date: 27 MAY 2020 16:25:54

Appendix report page: 15 of 35

Type:	802.11n(HT20)
CH01	 Spectrum Ref Level 20.50 dBm Att 30 dB Offset 1.00 dB RBW 300 kHz SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1Pk View M1[1] 6.87 dBm Occ Bw 2.4115500 GHz 17.832167832 MHz CF 2.412 GHz 1001 pts Span 30.0 MHz Date: 27 MAY 2020 16:36:47
CH06	 Spectrum Ref Level 20.50 dBm Att 30 dB Offset 1.00 dB RBW 300 kHz SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1Pk View M1[1] 7.43 dBm Occ Bw 2.4362210 GHz 17.802197802 MHz CF 2.437 GHz 1001 pts Span 30.0 MHz Date: 27 MAY 2020 16:39:39
CH11	 Spectrum Ref Level 20.50 dBm Att 30 dB Offset 1.00 dB RBW 300 kHz SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1Pk View M1[1] 8.89 dBm Occ Bw 2.4612210 GHz 17.712287712 MHz CF 2.462 GHz 1001 pts Span 30.0 MHz Date: 27 MAY 2020 16:41:39

Type:	802.11n(HT40)
CH03	 Spectrum plot for CH03. The plot shows a signal centered at 2.422 GHz. The peak level is 7.51 dBm. The plot includes a 1001 pts span and a 60.0 MHz span. The plot is titled 'Spectrum' and shows 'Ref Level 20.50 dBm', 'Att 30 dB', 'Offset 1.00 dB', 'RBW 500 kHz', 'SWT 1 ms', 'VBW 2 MHz', and 'Mode Auto Sweep'. The plot also shows 'Count 500/500' and '1Pk View'. CF 2.422 GHz 1001 pts Span 60.0 MHz Date: 28 MAY 2020 10:41:09
CH06	 Spectrum plot for CH06. The plot shows a signal centered at 2.437 GHz. The peak level is 7.58 dBm. The plot includes a 1001 pts span and a 60.0 MHz span. The plot is titled 'Spectrum' and shows 'Ref Level 20.50 dBm', 'Att 30 dB', 'Offset 1.00 dB', 'RBW 500 kHz', 'SWT 1 ms', 'VBW 2 MHz', and 'Mode Auto Sweep'. The plot also shows 'Count 500/500' and '1Pk View'. CF 2.437 GHz 1001 pts Span 60.0 MHz Date: 28 MAY 2020 10:43:31
CH09	 Spectrum plot for CH09. The plot shows a signal centered at 2.452 GHz. The peak level is 7.81 dBm. The plot includes a 1001 pts span and a 60.0 MHz span. The plot is titled 'Spectrum' and shows 'Ref Level 20.50 dBm', 'Att 30 dB', 'Offset 1.00 dB', 'RBW 500 kHz', 'SWT 1 ms', 'VBW 2 MHz', and 'Mode Auto Sweep'. The plot also shows 'Count 500/500' and '1Pk View'. CF 2.452 GHz 1001 pts Span 60.0 MHz Date: 28 MAY 2020 10:43:12

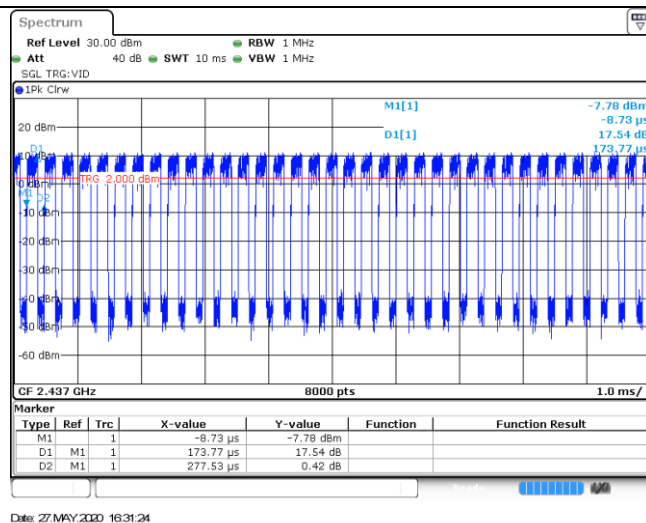
Appendix E: Duty Cycle

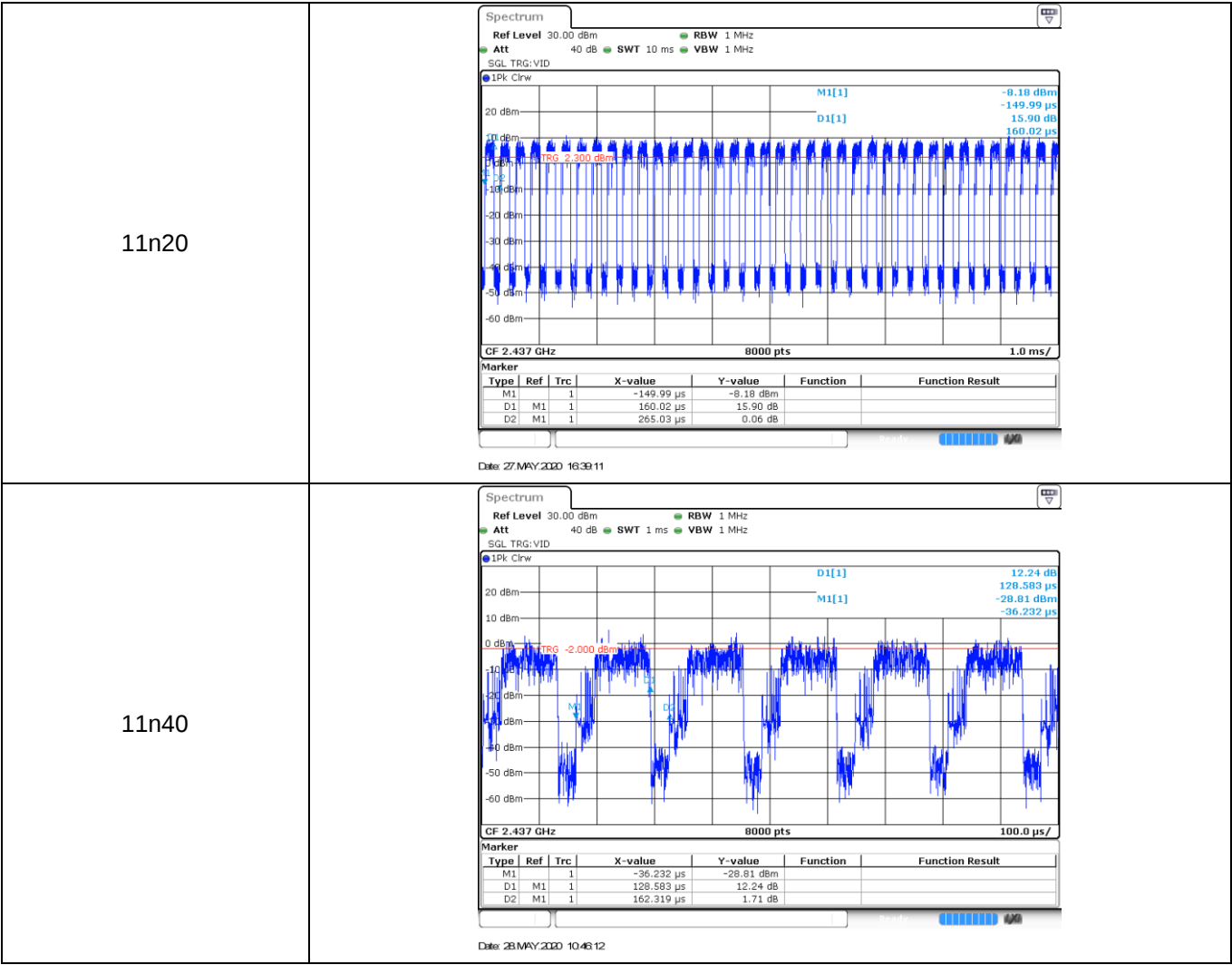
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	0.84	0.94	89.4%	1.2
11g	2437	0.17	0.28	60.7%	5.9
11n20	2437	0.16	0.27	59.3%	6.3
11n40	2437	0.13	0.16	81.3%	7.7

11b

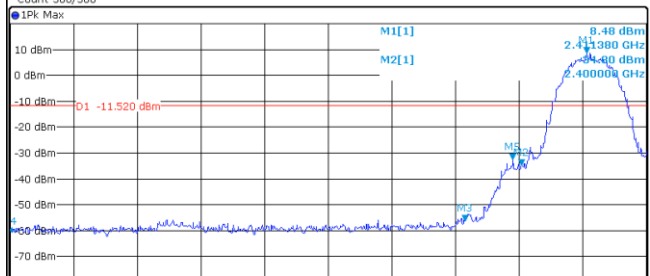
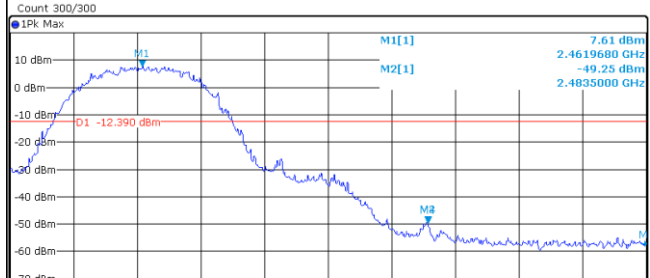


11g





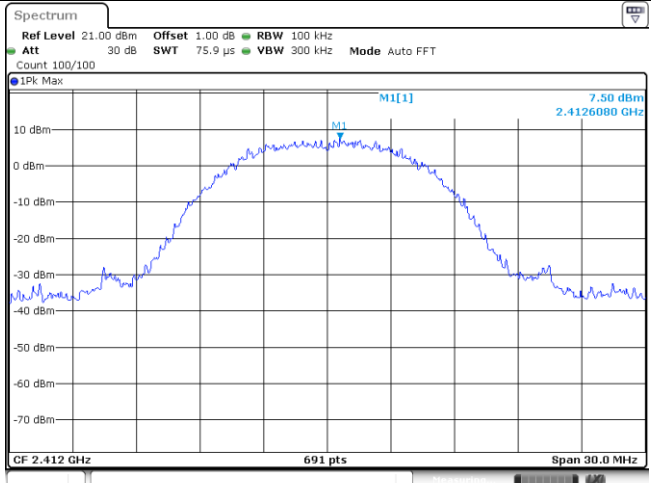
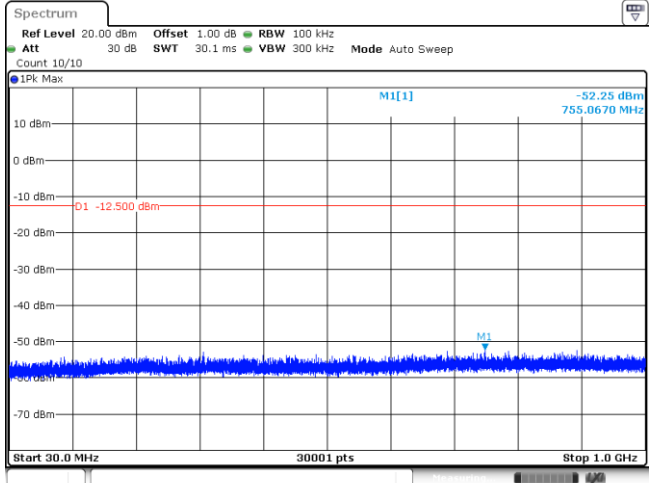
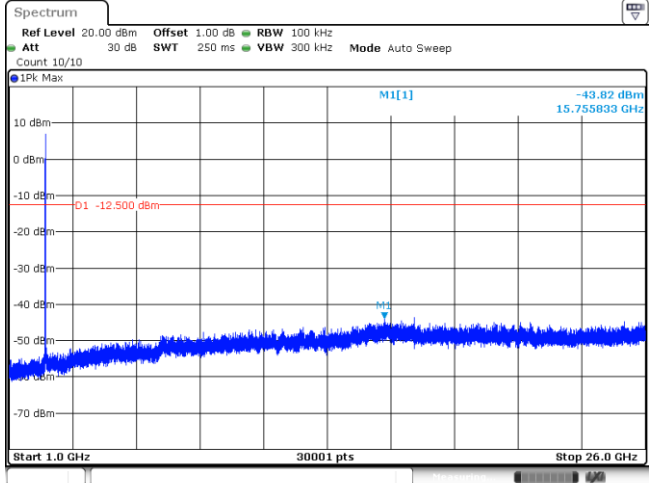
Appendix F: Band edge and Spurious Emissions (conducted)

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  10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 8.48 dBm 2.41138 GHz M2[1] -34.80 dBm 2.40000 GHz M3 M4 M5 Start 2.31 GHz 691 pts Stop 2.422 GHz Marker <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>2.41138 GHz</td><td>8.48 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-34.80 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>-59.90 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.398464 GHz</td><td>-32.39 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2020 16:20:35			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41138 GHz	8.48 dBm			M2	1		2.4 GHz	-34.80 dBm			M3	1		2.39 GHz	-56.42 dBm			M4	1		2.31 GHz	-59.90 dBm			M5	1		2.398464 GHz	-32.39 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
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M5	1		2.398464 GHz	-32.39 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  10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] 7.61 dBm 2.461968 GHz M2[1] -49.25 dBm 2.483500 GHz M3 M4 Start 2.452 GHz 691 pts Stop 2.5 GHz Marker <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>2.461968 GHz</td><td>7.61 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-49.25 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-57.30 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.483513 GHz</td><td>-49.25 dBm</td><td></td><td></td></tr></tbody></table> Date: 27 MAY 2020 16:26:49			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.461968 GHz	7.61 dBm			M2	1		2.4835 GHz	-49.25 dBm			M3	1		2.5 GHz	-57.30 dBm			M4	1		2.483513 GHz	-49.25 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
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M3	1		2.5 GHz	-57.30 dBm																																									
M4	1		2.483513 GHz	-49.25 dBm																																									

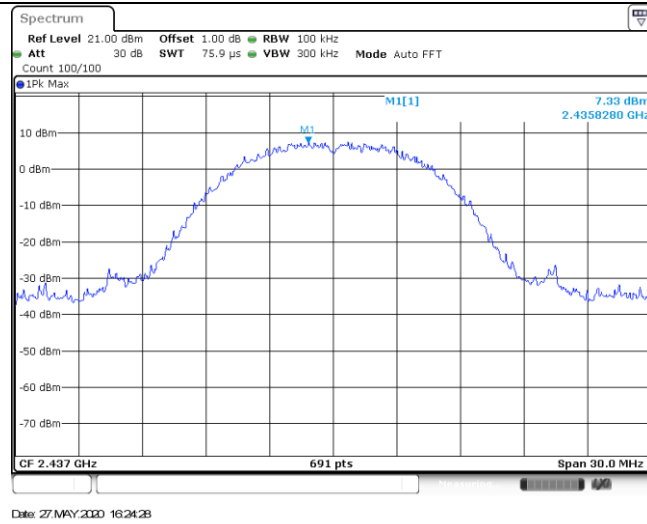
Test Item:	Bandedge	Type:	802.11 g																																										
CH01	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M4 4.99 dBm 2.412360 GHz -30.62 dBm 2.412360 GHz D1 -15.010 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>2.41236 GHz</td><td>-4.99 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-30.62 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-39.40 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-59.42 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.398951 GHz</td><td>-28.97 dBm</td><td></td><td></td></tr></table> Date: 27/MAY/2020 16:29:52			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41236 GHz	-4.99 dBm			M2	1		2.4 GHz	-30.62 dBm			M3	1		2.39 GHz	-39.40 dBm			M4	1		2.31 GHz	-59.42 dBm			M5	1		2.398951 GHz	-28.97 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.41236 GHz	-4.99 dBm																																									
M2	1		2.4 GHz	-30.62 dBm																																									
M3	1		2.39 GHz	-39.40 dBm																																									
M4	1		2.31 GHz	-59.42 dBm																																									
M5	1		2.398951 GHz	-28.97 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 5.86 dBm 2.4622460 GHz -39.51 dBm 2.4835000 GHz D1 -14.140 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>2.462246 GHz</td><td>5.86 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-39.51 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-55.73 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4846261 GHz</td><td>-38.14 dBm</td><td></td><td></td></tr></table> Date: 27/MAY/2020 16:34:25			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.462246 GHz	5.86 dBm			M2	1		2.4835 GHz	-39.51 dBm			M3	1		2.5 GHz	-55.73 dBm			M4	1		2.4846261 GHz	-38.14 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.462246 GHz	5.86 dBm																																									
M2	1		2.4835 GHz	-39.51 dBm																																									
M3	1		2.5 GHz	-55.73 dBm																																									
M4	1		2.4846261 GHz	-38.14 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 M5 3.43 dBm 2.414460 GHz -31.03 dBm 2.414460 GHz -60.68 dBm 2.397652 GHz -29.57 dBm 01 -16.570 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>3.43 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-31.03 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-39.79 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-60.68 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.397652 GHz</td><td>-29.57 dBm</td><td></td><td></td></tr></table> Date: 27 MAY 2020 16:37:44			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41446 GHz	3.43 dBm			M2	1		2.4 GHz	-31.03 dBm			M3	1		2.39 GHz	-39.79 dBm			M4	1		2.31 GHz	-60.68 dBm			M5	1		2.397652 GHz	-29.57 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.41446 GHz	3.43 dBm																																									
M2	1		2.4 GHz	-31.03 dBm																																									
M3	1		2.39 GHz	-39.79 dBm																																									
M4	1		2.31 GHz	-60.68 dBm																																									
M5	1		2.397652 GHz	-29.57 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] M2 M4 4.02 dBm 2.4616900 GHz -39.52 dBm 2.4835000 GHz -39.43 dBm 01 -15.980 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>2.46169 GHz</td><td>4.02 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-39.52 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-56.32 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.485113 GHz</td><td>-39.43 dBm</td><td></td><td></td></tr></table> Date: 27 MAY 2020 16:42:32			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.46169 GHz	4.02 dBm			M2	1		2.4835 GHz	-39.52 dBm			M3	1		2.5 GHz	-56.32 dBm			M4	1		2.485113 GHz	-39.43 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.46169 GHz	4.02 dBm																																									
M2	1		2.4835 GHz	-39.52 dBm																																									
M3	1		2.5 GHz	-56.32 dBm																																									
M4	1		2.485113 GHz	-39.43 dBm																																									

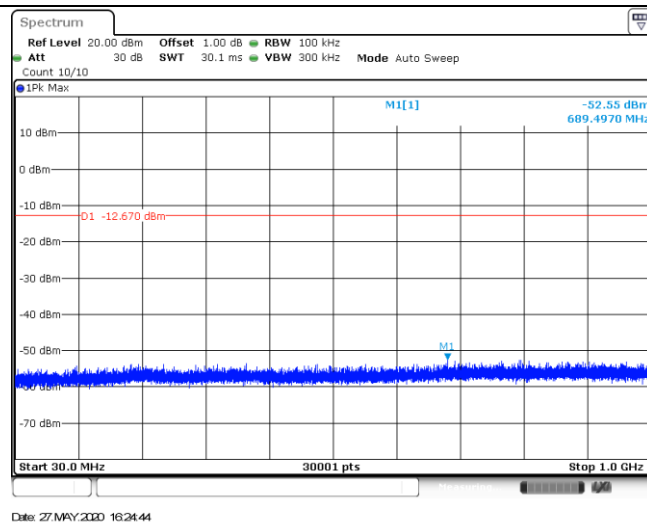
Test Item:	Bandedge	Type:	802.11 n(HT40)																																										
CH03	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 303.4 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1[1] M2[1] M3 M5 M2 0.26 dBm 2.425670 GHz M1 -32.68 dBm 2.400000 GHz -19.740 dBm D1 Start 2.31 GHz 691 pts Stop 2.442 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>2.42567 GHz</td><td>0.26 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4 GHz</td><td>-32.68 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.39 GHz</td><td>-34.50 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.31 GHz</td><td>-58.71 dBm</td><td></td><td></td></tr><tr><td>M5</td><td>1</td><td></td><td>2.39513 GHz</td><td>-31.17 dBm</td><td></td><td></td></tr></table> Date: 28 MAY 2020 10:42:36			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.42567 GHz	0.26 dBm			M2	1		2.4 GHz	-32.68 dBm			M3	1		2.39 GHz	-34.50 dBm			M4	1		2.31 GHz	-58.71 dBm			M5	1		2.39513 GHz	-31.17 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.42567 GHz	0.26 dBm																																									
M2	1		2.4 GHz	-32.68 dBm																																									
M3	1		2.39 GHz	-34.50 dBm																																									
M4	1		2.31 GHz	-58.71 dBm																																									
M5	1		2.39513 GHz	-31.17 dBm																																									
CH09	Spectrum Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 100 kHz SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1Pk Max 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm M1 M2[1] 0.55 dBm 2.4513370 GHz -36.56 dBm 2.4835000 GHz -19.450 dBm D1 Start 2.432 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>2.451337 GHz</td><td>0.55 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>2.4835 GHz</td><td>-36.56 dBm</td><td></td><td></td></tr><tr><td>M3</td><td>1</td><td></td><td>2.5 GHz</td><td>-43.86 dBm</td><td></td><td></td></tr><tr><td>M4</td><td>1</td><td></td><td>2.4848232 GHz</td><td>-34.62 dBm</td><td></td><td></td></tr></table> Date: 28 MAY 2020 10:48:53			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.451337 GHz	0.55 dBm			M2	1		2.4835 GHz	-36.56 dBm			M3	1		2.5 GHz	-43.86 dBm			M4	1		2.4848232 GHz	-34.62 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.451337 GHz	0.55 dBm																																									
M2	1		2.4835 GHz	-36.56 dBm																																									
M3	1		2.5 GHz	-43.86 dBm																																									
M4	1		2.4848232 GHz	-34.62 dBm																																									

Test Item:	SE	Type:	802.11b
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] 7.50 dBm 2.4126080 GHz CF 2.412 GHz 691 pts Span 30.0 MHz Date: 27 MAY 2020 16:20:42	
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] -52.25 dBm 755.0670 MHz Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 27 MAY 2020 16:20:59	
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] -43.82 dBm 15.755833 GHz Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 27 MAY 2020 16:21:14	

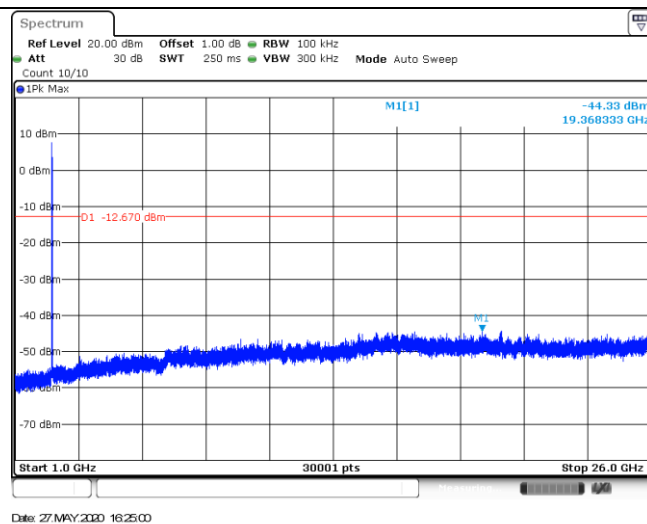
CH06
Reference level

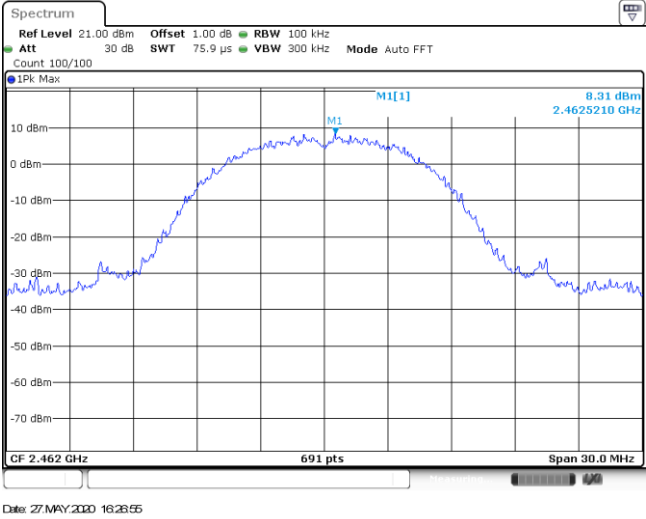
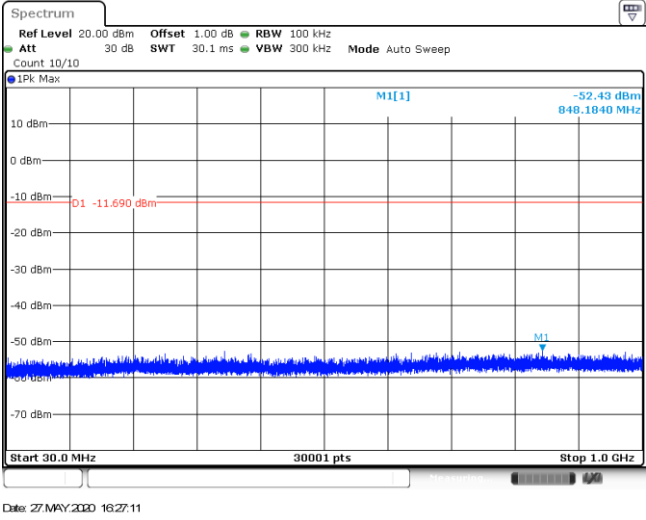
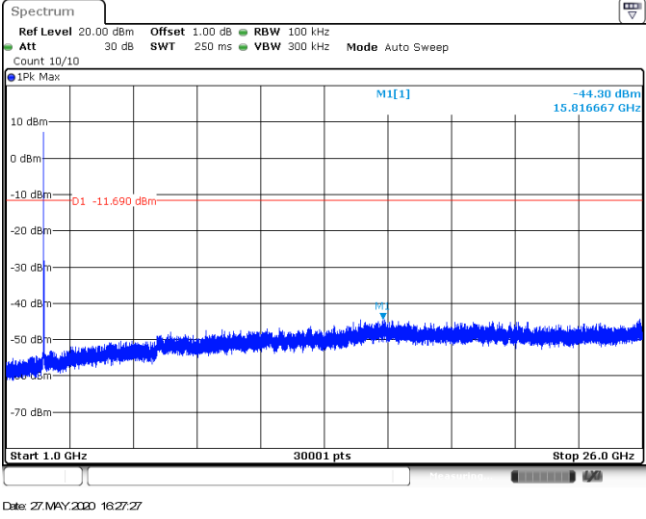


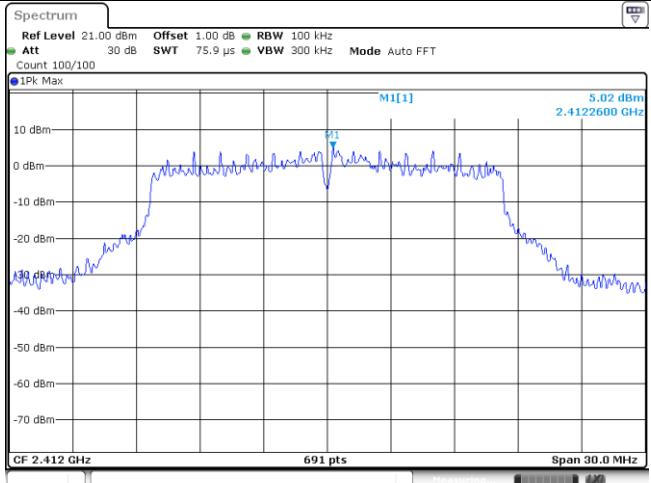
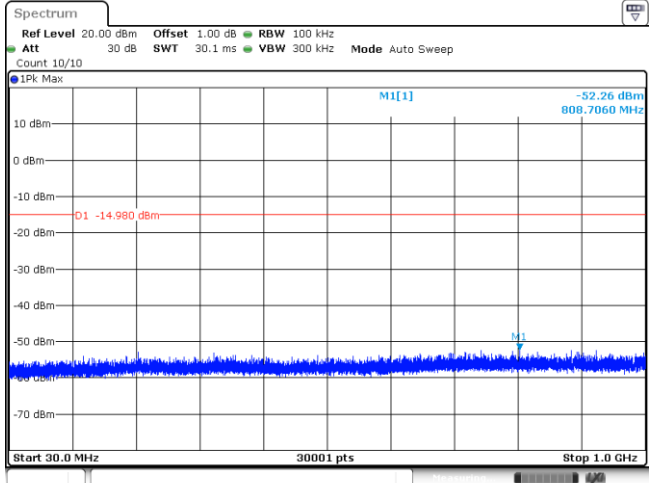
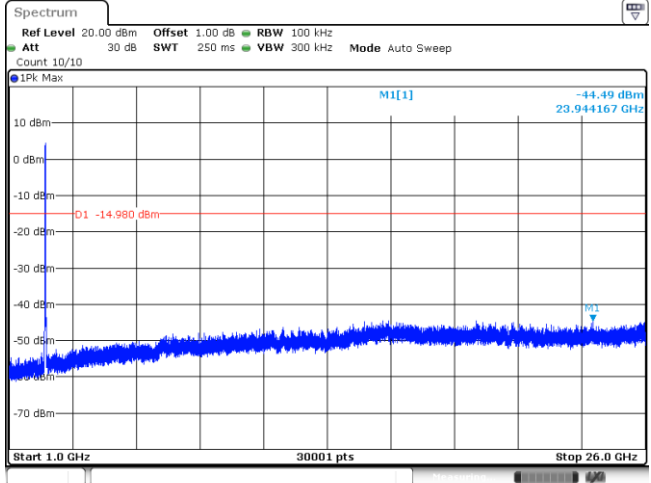
CH06
30MHz~1000MHz



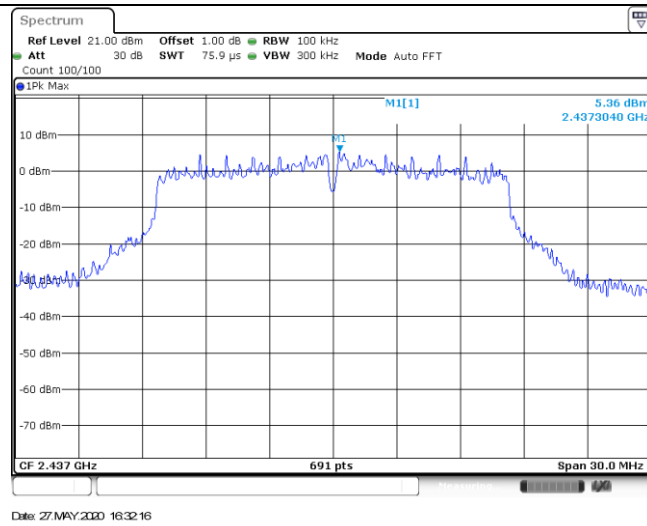
CH06
1GHz~26GHz



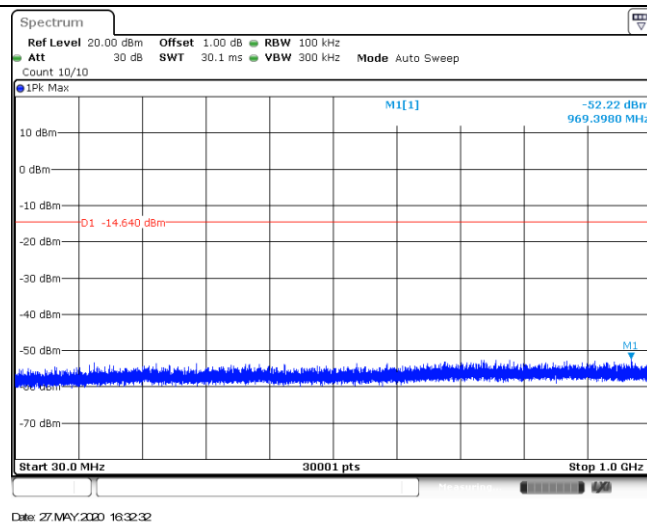
CH11 Reference level	
CH11 30MHz~1000MHz	
CH11 1GHz~26GHz	

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

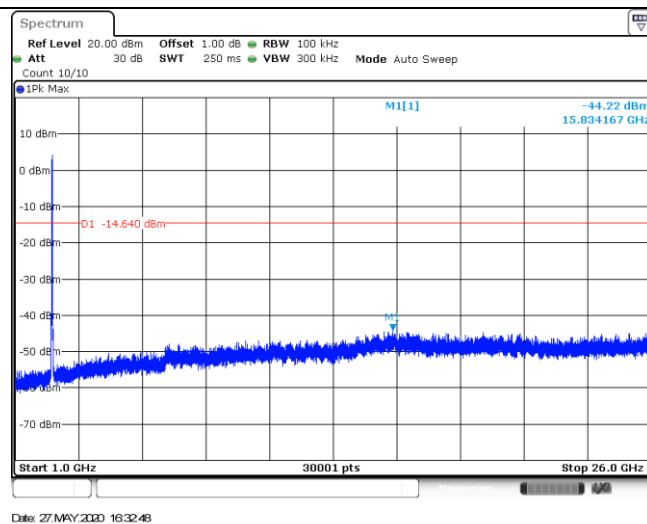
CH06
Reference level

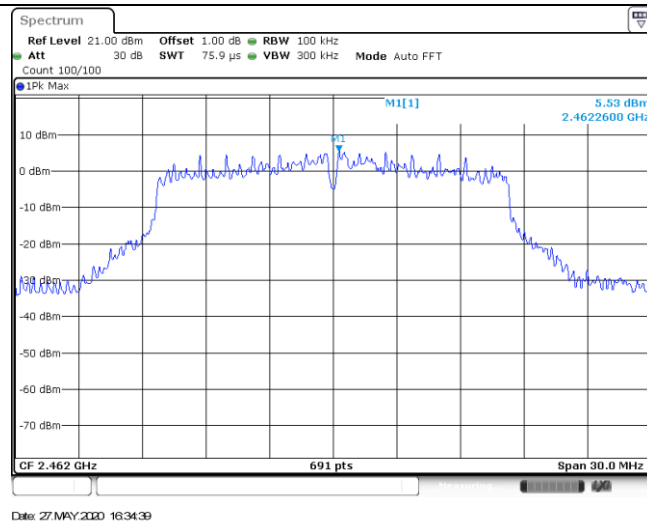
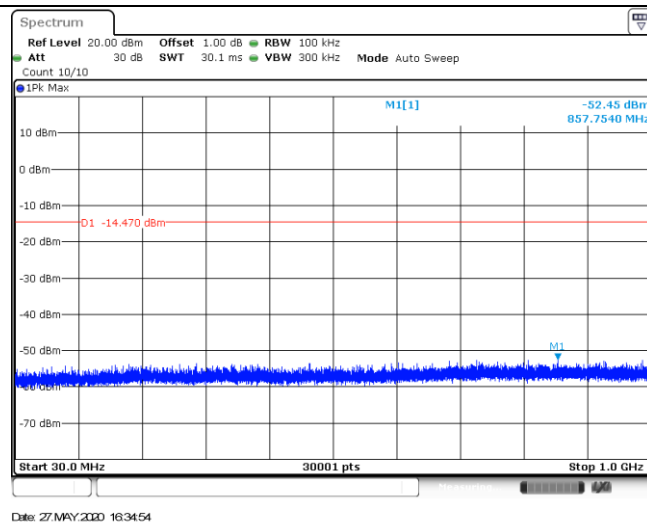
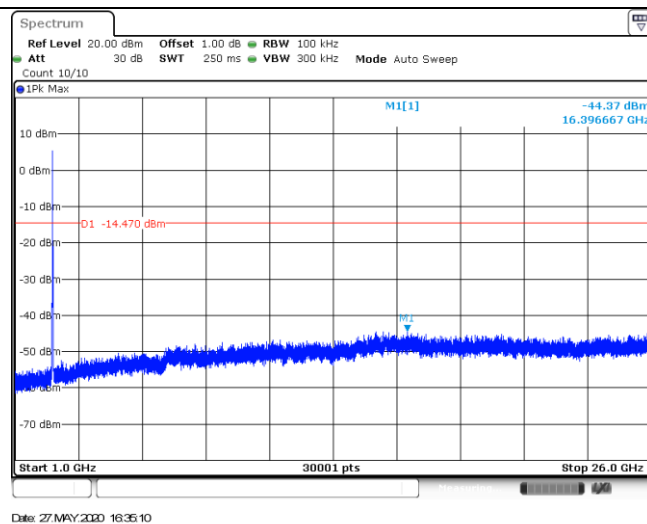


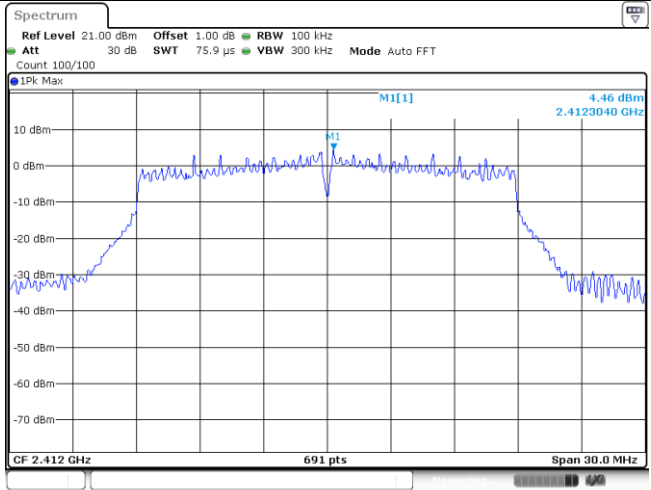
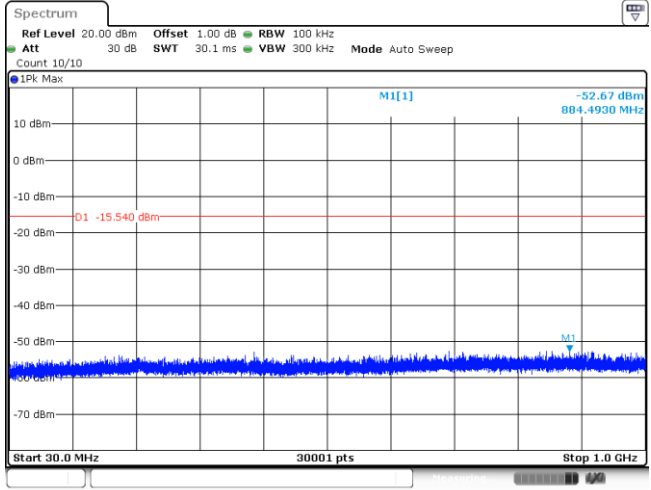
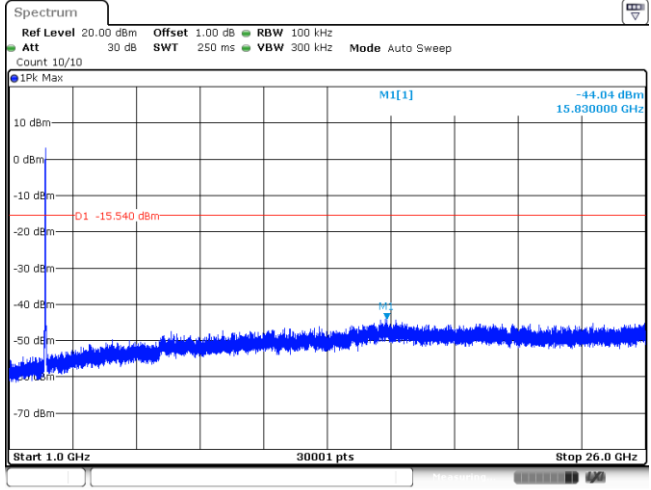
CH06
30MHz~1000MHz



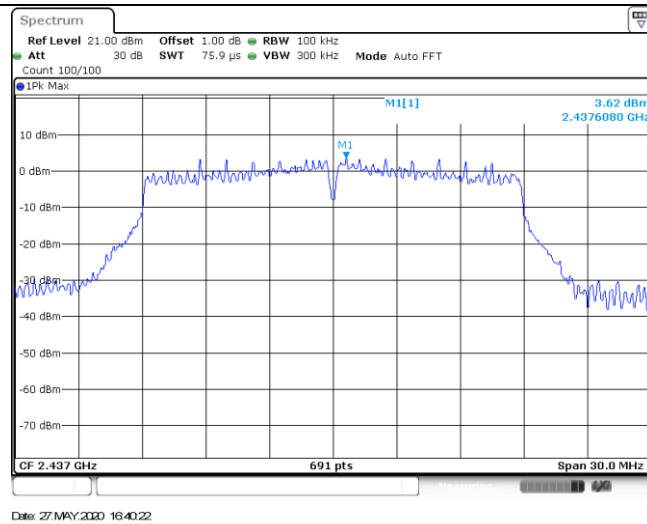
CH06
1GHz~26GHz



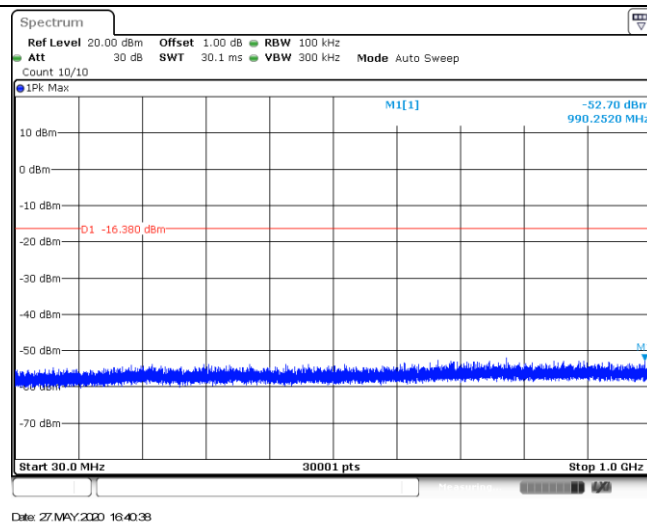
CH11
Reference levelCH11
30MHz~1000MHzCH11
1GHz~26GHz

Test Item:	SE	Type:	802.11n(HT20)
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 4.46 dBm 2.4123040 GHz CF 2.412 GHz 691 pts Span 30.0 MHz Date: 27 MAY 2020 16:37:50	
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 -52.67 dBm 884.4930 MHz D1 -15.540 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 27 MAY 2020 16:38:05	
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 -44.04 dBm 15.830000 GHz D1 -15.540 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 27 MAY 2020 16:38:22	

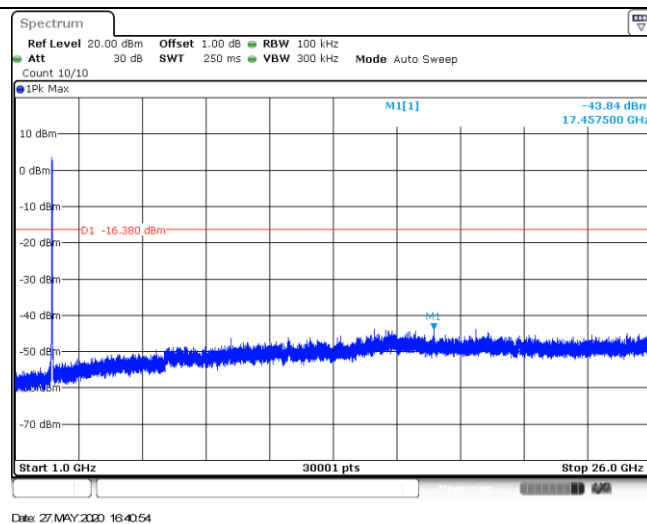
CH06
Reference level

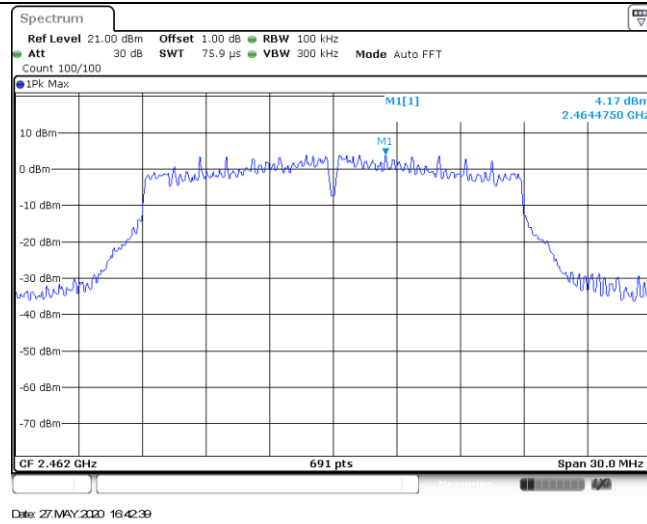
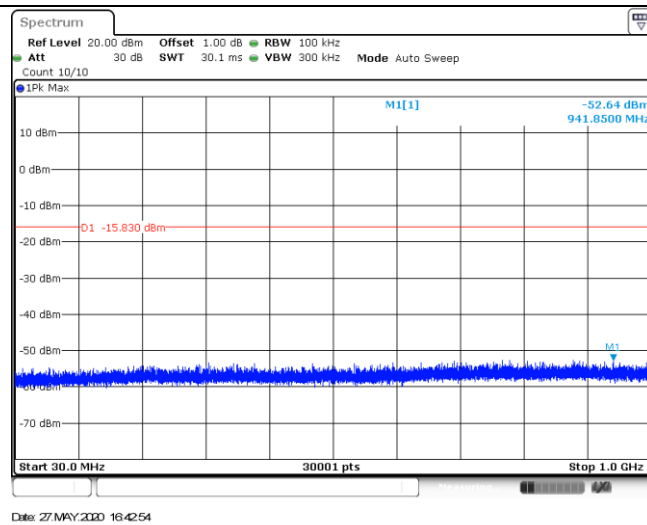
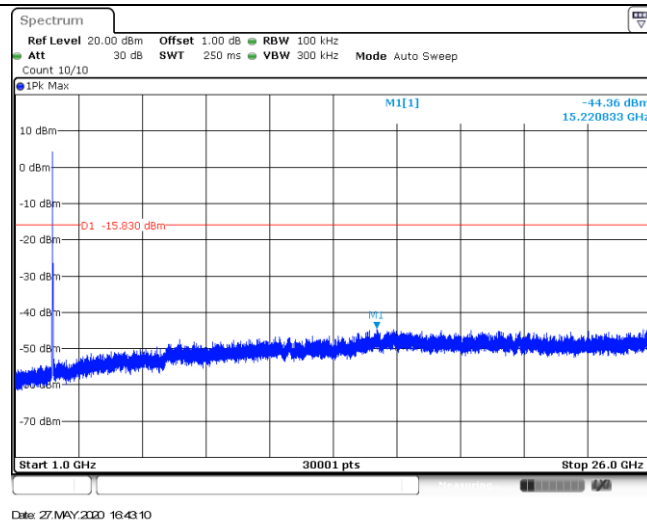


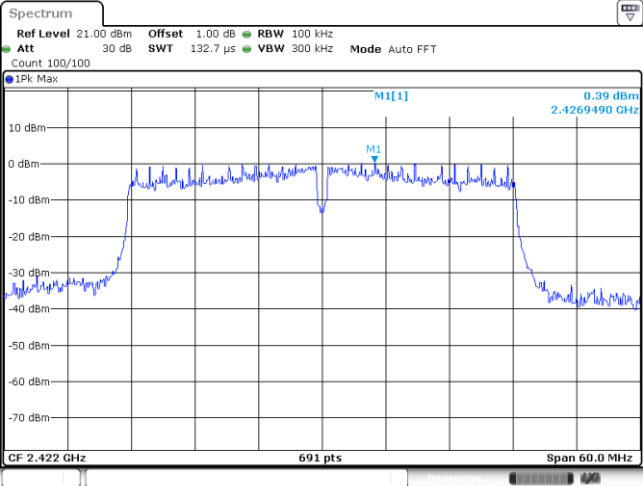
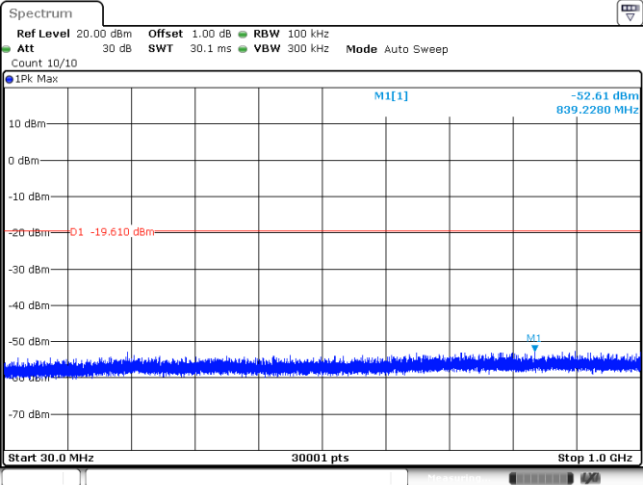
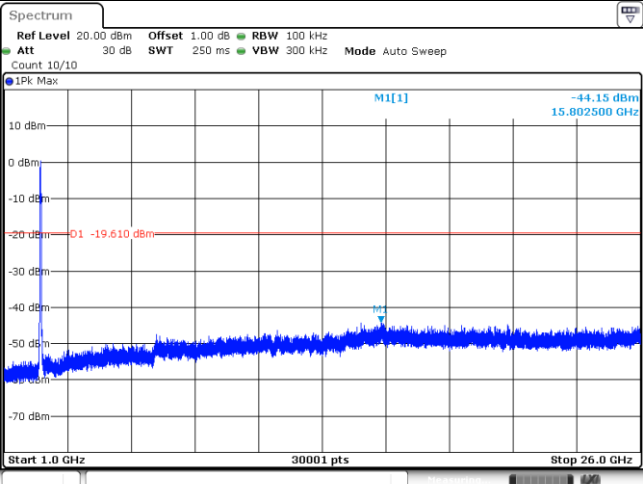
CH06
30MHz~1000MHz

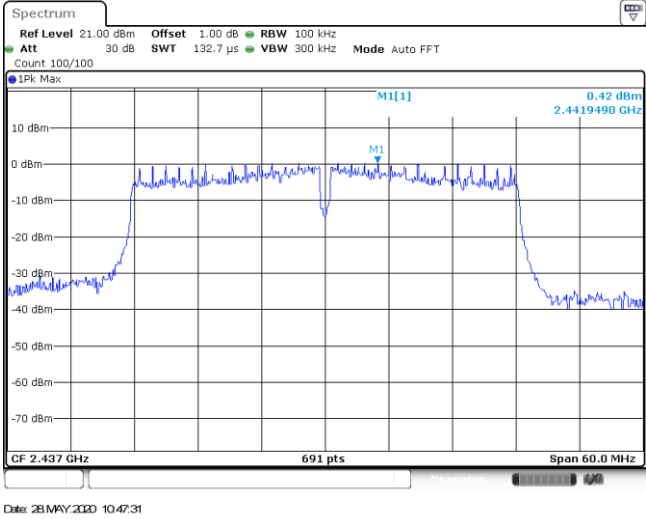
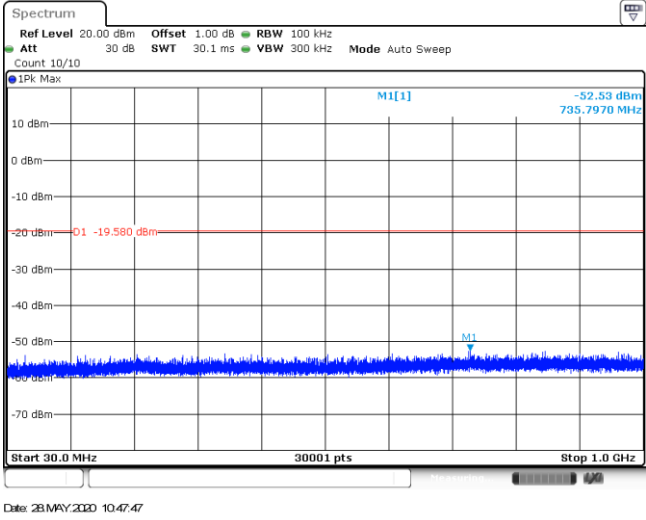
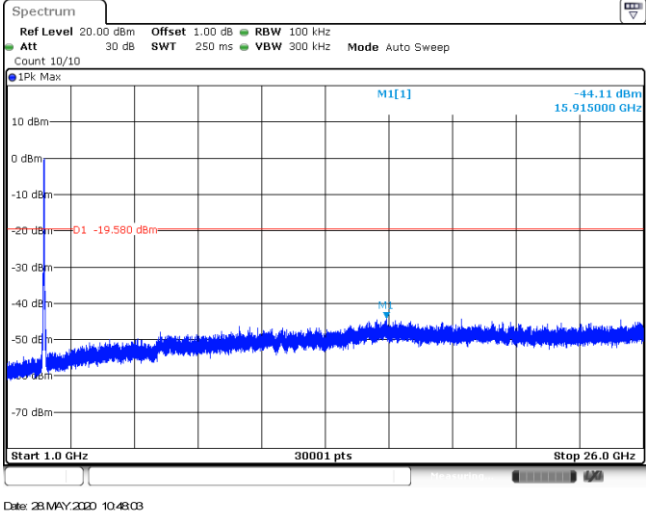


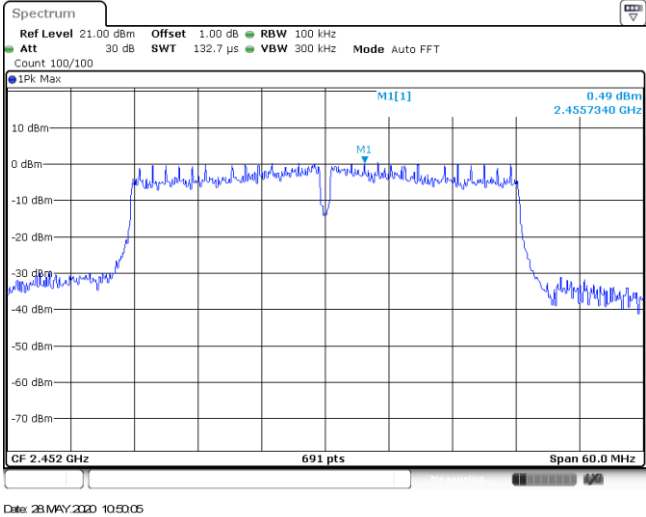
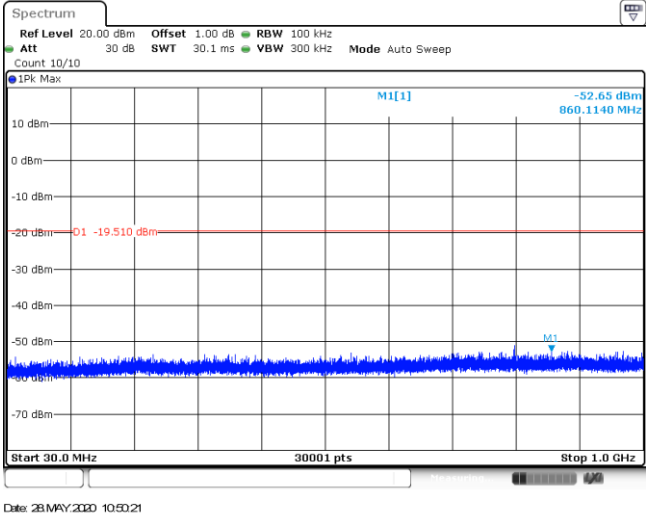
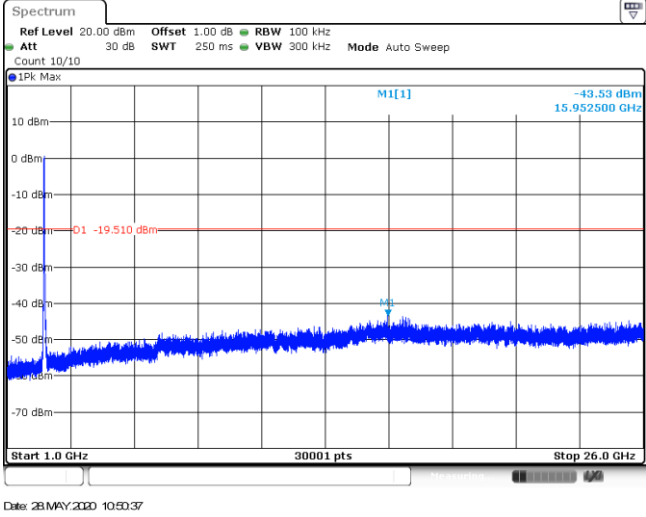
CH06
1GHz~26GHz



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

Test Item:	SE	Type:	802.11n(HT40)
CH03 Reference level		 Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 100/100 1Pk Max M1[1] 0.39 dBm 2.4269490 GHz CF 2.422 GHz 691 pts Span 60.0 MHz Date: 26/MAY/2020 10:42:50	
CH03 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] -52.61 dBm 839.2280 MHz O1 -19.610 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 26/MAY/2020 10:43:05	
CH03 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] -44.15 dBm 15.802500 GHz O1 -19.610 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 26/MAY/2020 10:43:22	

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

CH09 Reference level	 Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPk Max M1[1] 0.49 dBm 2.4557340 GHz M1 CF 2.452 GHz 691 pts Span 60.0 MHz Date: 28 MAY 2020 10:50:05
CH09 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 IPk Max M1[1] -52.65 dBm 860.1140 MHz M1 Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 28 MAY 2020 10:50:21
CH09 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 IPk Max M1[1] -43.53 dBm 15.952500 GHz M1 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 28 MAY 2020 10:50:37

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