

APPENDIX REPORT

Project No.	SHT2011030001EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT20110300005	Model No.	50 PRO
Start test date	2020/11/11	Finish date	2020/11/11
Temperature	25°C	Humidity	50%
Test Engineer	Qizhi Zhang	Auditor	Xiaodong Zheo

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

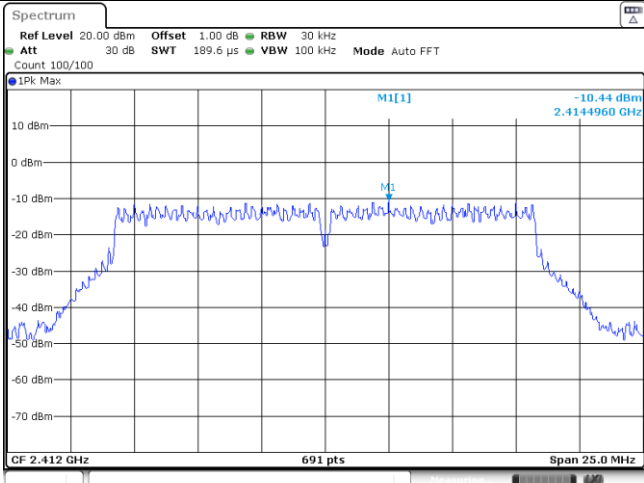
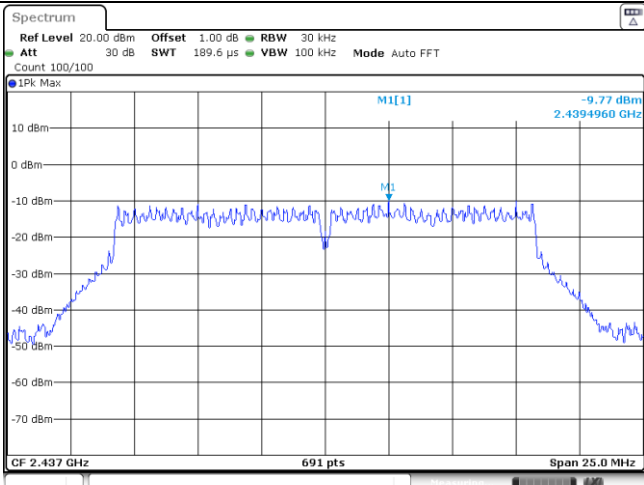
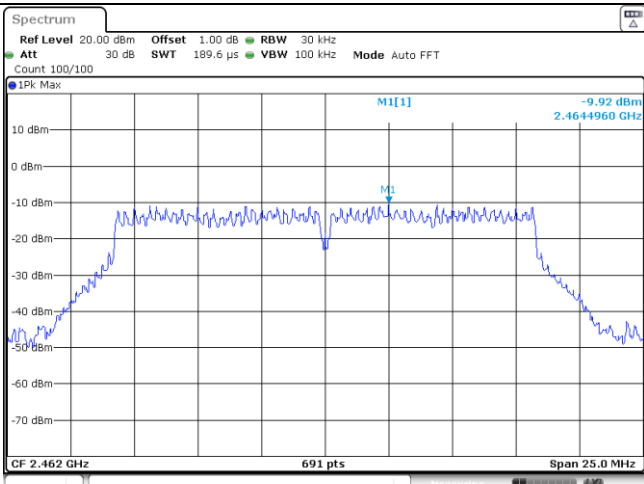
Appendix A: Conducted Peak Output Power

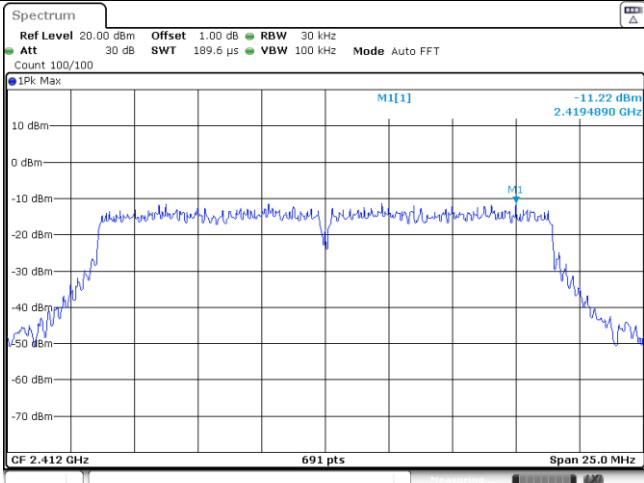
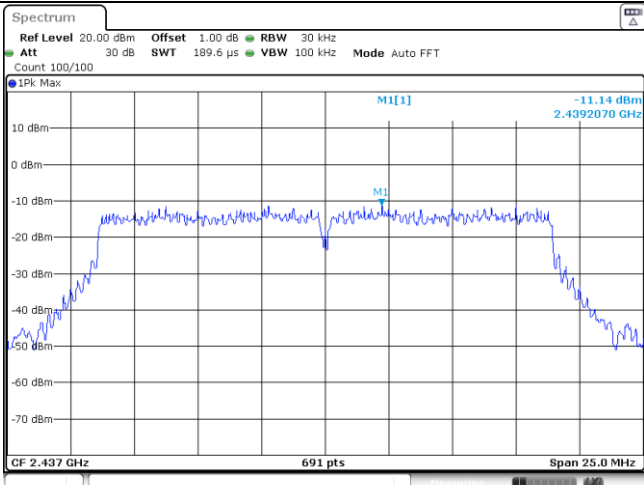
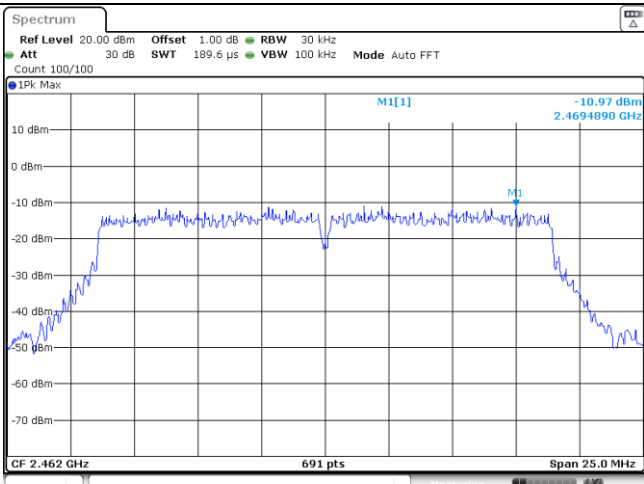
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	13.87	11.72	≤ 30.00	Pass
	06	14.03	11.88		
	11	13.92	11.75		
802.11g	01	14.18	10.46	≤ 30.00	Pass
	06	14.33	10.66		
	11	14.30	10.64		
802.11n (HT20)	01	14.57	11.40	≤ 30.00	Pass
	06	14.71	11.51		
	11	14.48	11.25		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	-0.36	≤8.00	Pass
	06	-0.19		
	11	-0.18		
802.11g	01	-10.44	≤8.00	Pass
	06	-9.77		
	11	-9.92		
802.11n(HT20)	01	-11.22	≤8.00	Pass
	06	-11.14		
	11	-10.97		

Type:		802.11 b
CH01	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 126.4 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max M1[1] -0.36 dBm 2.4127410 GHz</p> <p>CF 2.412 GHz 691 pts Span 16.0 MHz</p> <p>Date: 11 NOV 2020 14:22:10</p>	
CH06	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 126.4 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max M1[1] -0.19 dBm 2.4377410 GHz</p> <p>CF 2.437 GHz 691 pts Span 16.0 MHz</p> <p>Date: 11 NOV 2020 14:30:56</p>	
CH11	<p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 126.4 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max M1[1] -0.18 dBm 2.4627410 GHz</p> <p>CF 2.462 GHz 691 pts Span 16.0 MHz</p> <p>Date: 11 NOV 2020 14:33:47</p>	

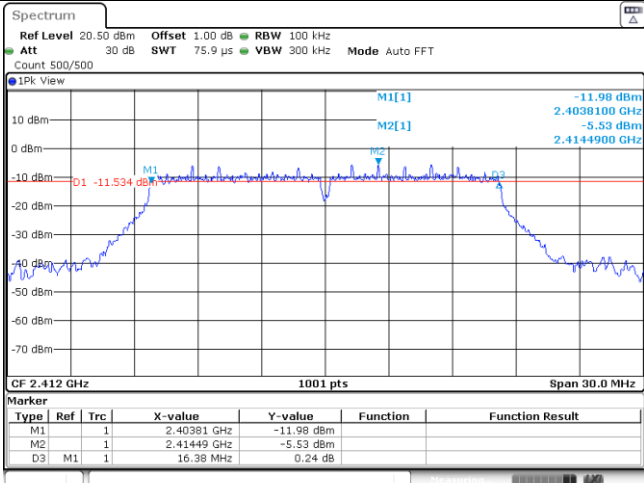
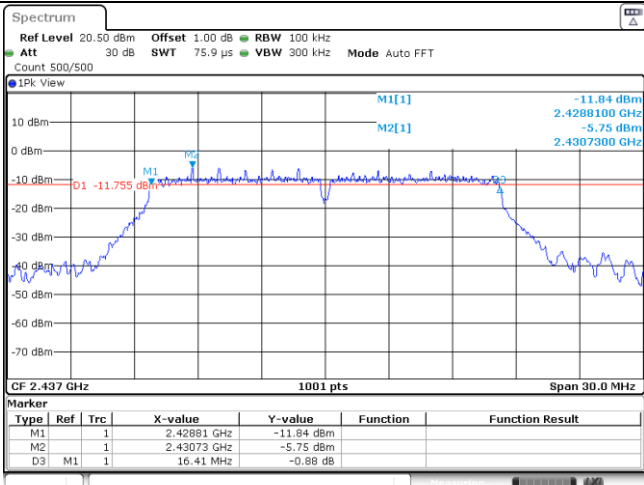
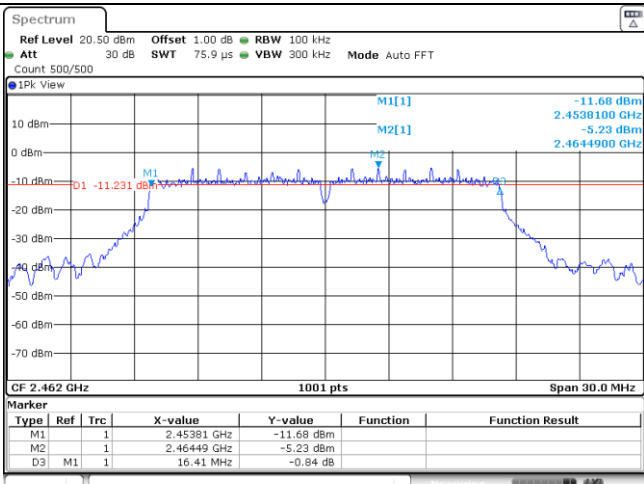
Type:		802.11 g
CH01	 <p>Dater: 11 NOV 2020 14:37:25</p>	
CH06	 <p>Dater: 11 NOV 2020 14:40:56</p>	
CH11	 <p>Dater: 11 NOV 2020 14:43:00</p>	

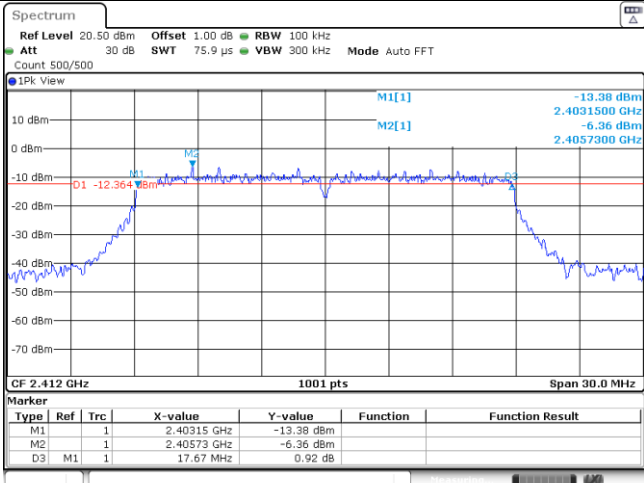
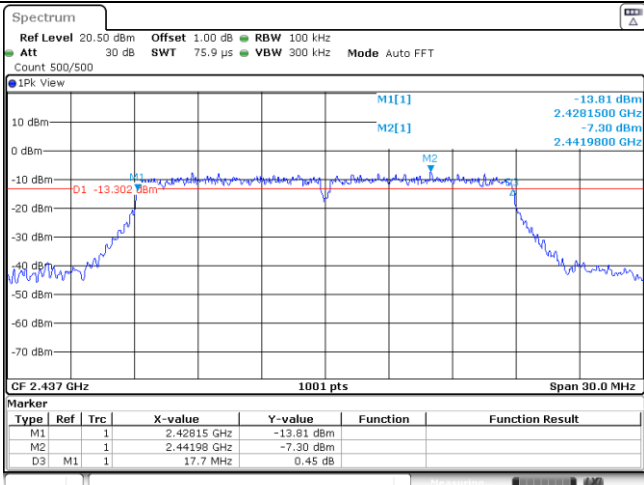
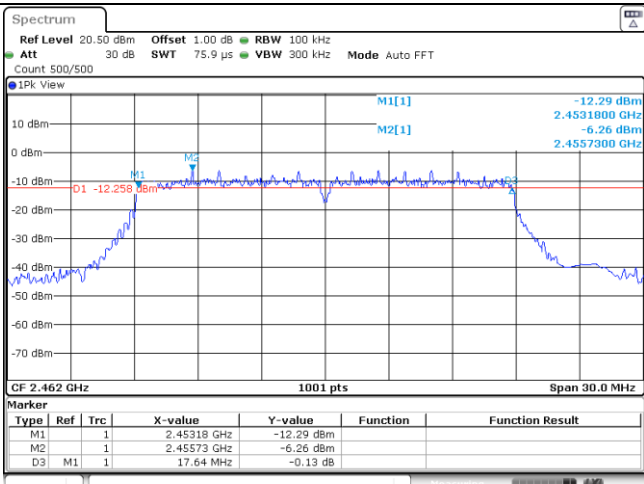
Type:		802.11n(HT20)
CH01	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max</p> <p>M1[1] -11.22 dBm 2.4194890 GHz</p> <p>CF 2.412 GHz 691 pts Span 25.0 MHz</p> <p>Date: 11 NOV 2020 14:47:26</p>	
CH06	 <p>Spectrum</p> <p>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</p> <p>IPK Max</p> <p>M1[1] -11.14 dBm 2.4392070 GHz</p> <p>CF 2.437 GHz 691 pts Span 25.0 MHz</p> <p>Date: 11 NOV 2020 14:52:05</p>	
CH11	 <p>Spectrum</p> <p>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</p> <p>IPK Max</p> <p>M1[1] -10.97 dBm 2.4694890 GHz</p> <p>CF 2.462 GHz 691 pts Span 25.0 MHz</p> <p>Date: 11 NOV 2020 14:53:55</p>	

Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	9.84	≥0.5	Pass
	06	9.84		
	11	9.84		
802.11g	01	16.38	≥0.5	Pass
	06	16.41		
	11	16.41		
802.11n(HT20)	01	17.67	≥0.5	Pass
	06	17.70		
	11	17.64		

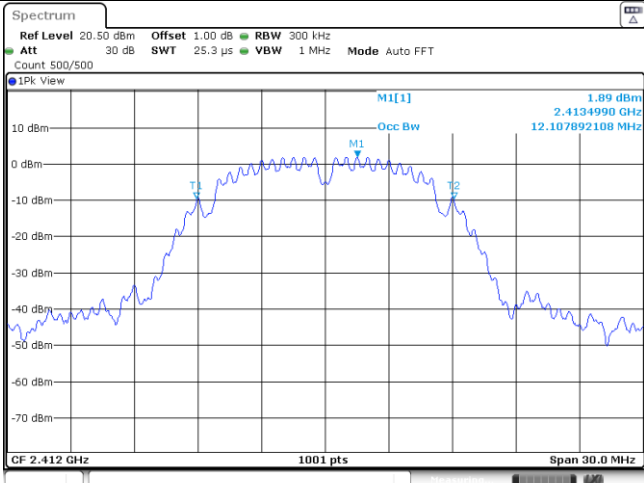
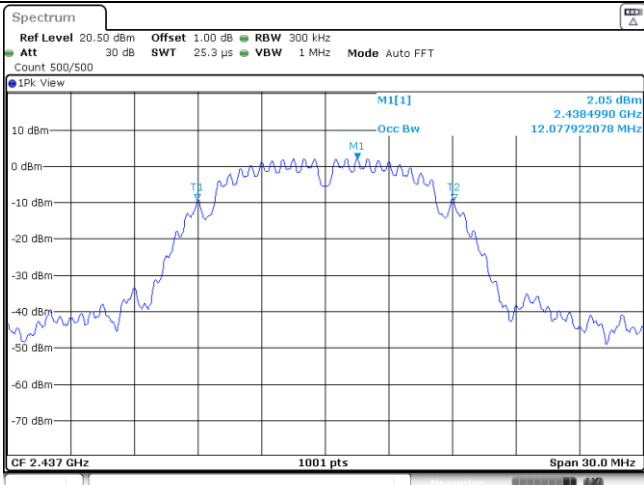
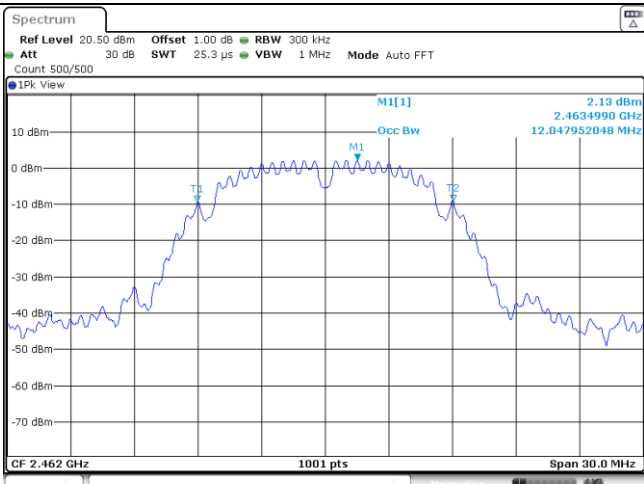
Type:		802.11 b																												
CH01	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.4072 GHz</td> <td>-6.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.41251 GHz</td> <td>0.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>9.84 MHz</td> <td>0.23 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:21:50</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.4072 GHz	-6.37 dBm			M2		1	2.41251 GHz	0.41 dBm			D3	M1	1	9.84 MHz	0.23 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	2.4072 GHz	-6.37 dBm																										
M2		1	2.41251 GHz	0.41 dBm																										
D3	M1	1	9.84 MHz	0.23 dB																										
CH06	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <table border="1"> <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></td> <td>1</td> <td>2.4322 GHz</td> <td>-6.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4385 GHz</td> <td>0.58 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>9.84 MHz</td> <td>0.24 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:29:57</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.4322 GHz	-6.18 dBm			M2		1	2.4385 GHz	0.58 dBm			D3	M1	1	9.84 MHz	0.24 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	2.4322 GHz	-6.18 dBm																										
M2		1	2.4385 GHz	0.58 dBm																										
D3	M1	1	9.84 MHz	0.24 dB																										
CH11	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <table border="1"> <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></td> <td>1</td> <td>2.4572 GHz</td> <td>-6.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4635 GHz</td> <td>0.64 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>9.84 MHz</td> <td>0.28 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:32:35</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.4572 GHz	-6.22 dBm			M2		1	2.4635 GHz	0.64 dBm			D3	M1	1	9.84 MHz	0.28 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	2.4572 GHz	-6.22 dBm																										
M2		1	2.4635 GHz	0.64 dBm																										
D3	M1	1	9.84 MHz	0.28 dB																										

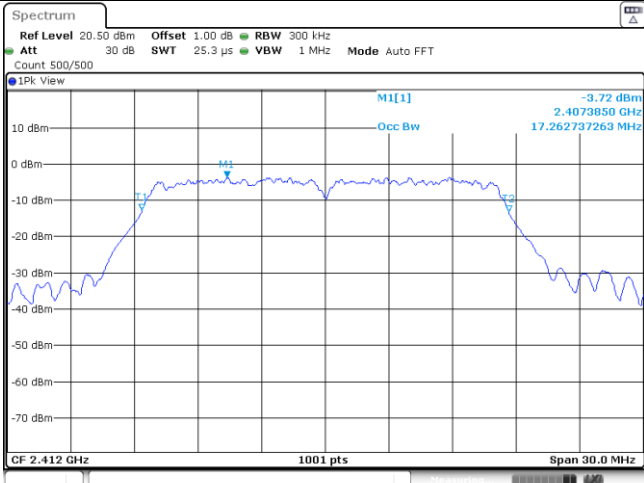
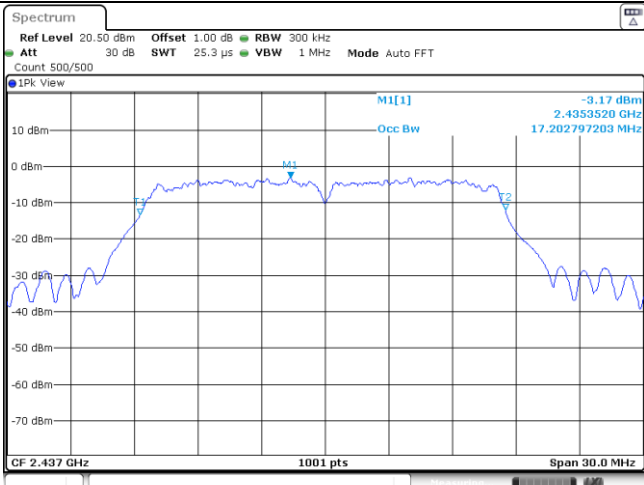
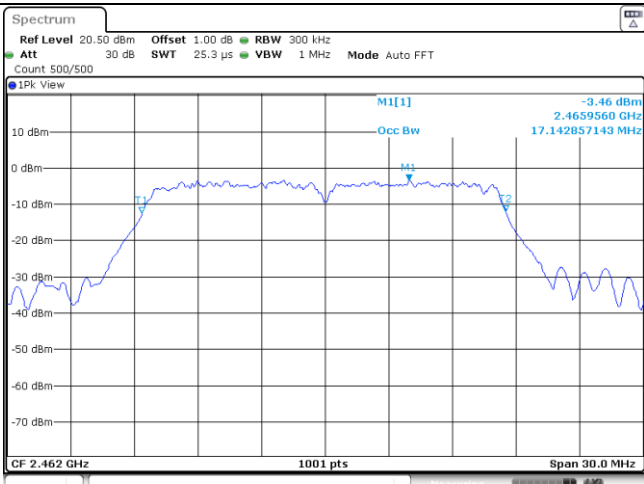
Type:	802.11 g																												
CH01	 <p>Marker Table for CH01:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.40381 GHz</td> <td>-11.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.41449 GHz</td> <td>-5.53 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.38 MHz</td> <td>0.24 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:35:49</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40381 GHz	-11.98 dBm			M2		1	2.41449 GHz	-5.53 dBm			D3	M1	1	16.38 MHz	0.24 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.40381 GHz	-11.98 dBm																									
M2		1	2.41449 GHz	-5.53 dBm																									
D3	M1	1	16.38 MHz	0.24 dB																									
CH06	 <p>Marker Table for CH06:</p> <table border="1"> <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></td> <td>1</td> <td>2.42881 GHz</td> <td>-11.84 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.43073 GHz</td> <td>-5.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.41 MHz</td> <td>-0.88 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:39:26</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.42881 GHz	-11.84 dBm			M2		1	2.43073 GHz	-5.75 dBm			D3	M1	1	16.41 MHz	-0.88 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.42881 GHz	-11.84 dBm																									
M2		1	2.43073 GHz	-5.75 dBm																									
D3	M1	1	16.41 MHz	-0.88 dB																									
CH11	 <p>Marker Table for CH11:</p> <table border="1"> <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></td> <td>1</td> <td>2.45381 GHz</td> <td>-11.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.46449 GHz</td> <td>-5.23 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.41 MHz</td> <td>-0.84 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:42:40</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.45381 GHz	-11.68 dBm			M2		1	2.46449 GHz	-5.23 dBm			D3	M1	1	16.41 MHz	-0.84 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.45381 GHz	-11.68 dBm																									
M2		1	2.46449 GHz	-5.23 dBm																									
D3	M1	1	16.41 MHz	-0.84 dB																									

Type:	802.11n(HT20)																												
CH01	 <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <table border="1"> <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></td> <td>1</td> <td>2.40315 GHz</td> <td>-13.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.40573 GHz</td> <td>-6.36 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.67 MHz</td> <td>0.92 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:47:05</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40315 GHz	-13.38 dBm			M2		1	2.40573 GHz	-6.36 dBm			D3	M1	1	17.67 MHz	0.92 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.40315 GHz	-13.38 dBm																									
M2		1	2.40573 GHz	-6.36 dBm																									
D3	M1	1	17.67 MHz	0.92 dB																									
CH06	 <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <table border="1"> <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></td> <td>1</td> <td>2.42815 GHz</td> <td>-13.81 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.44198 GHz</td> <td>-7.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.7 MHz</td> <td>0.45 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:51:00</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.42815 GHz	-13.81 dBm			M2		1	2.44198 GHz	-7.30 dBm			D3	M1	1	17.7 MHz	0.45 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.42815 GHz	-13.81 dBm																									
M2		1	2.44198 GHz	-7.30 dBm																									
D3	M1	1	17.7 MHz	0.45 dB																									
CH11	 <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <table border="1"> <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></td> <td>1</td> <td>2.45318 GHz</td> <td>-12.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.45573 GHz</td> <td>-6.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.64 MHz</td> <td>-0.13 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11 NOV 2020 14:53:35</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.45318 GHz	-12.29 dBm			M2		1	2.45573 GHz	-6.26 dBm			D3	M1	1	17.64 MHz	-0.13 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.45318 GHz	-12.29 dBm																									
M2		1	2.45573 GHz	-6.26 dBm																									
D3	M1	1	17.64 MHz	-0.13 dB																									

Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	12.11	-	Pass
	06	12.08		
	11	12.05		
802.11g	01	17.26	-	Pass
	06	17.20		
	11	17.14		
802.11n(HT20)	01	17.83	-	Pass
	06	17.86		
	11	17.92		

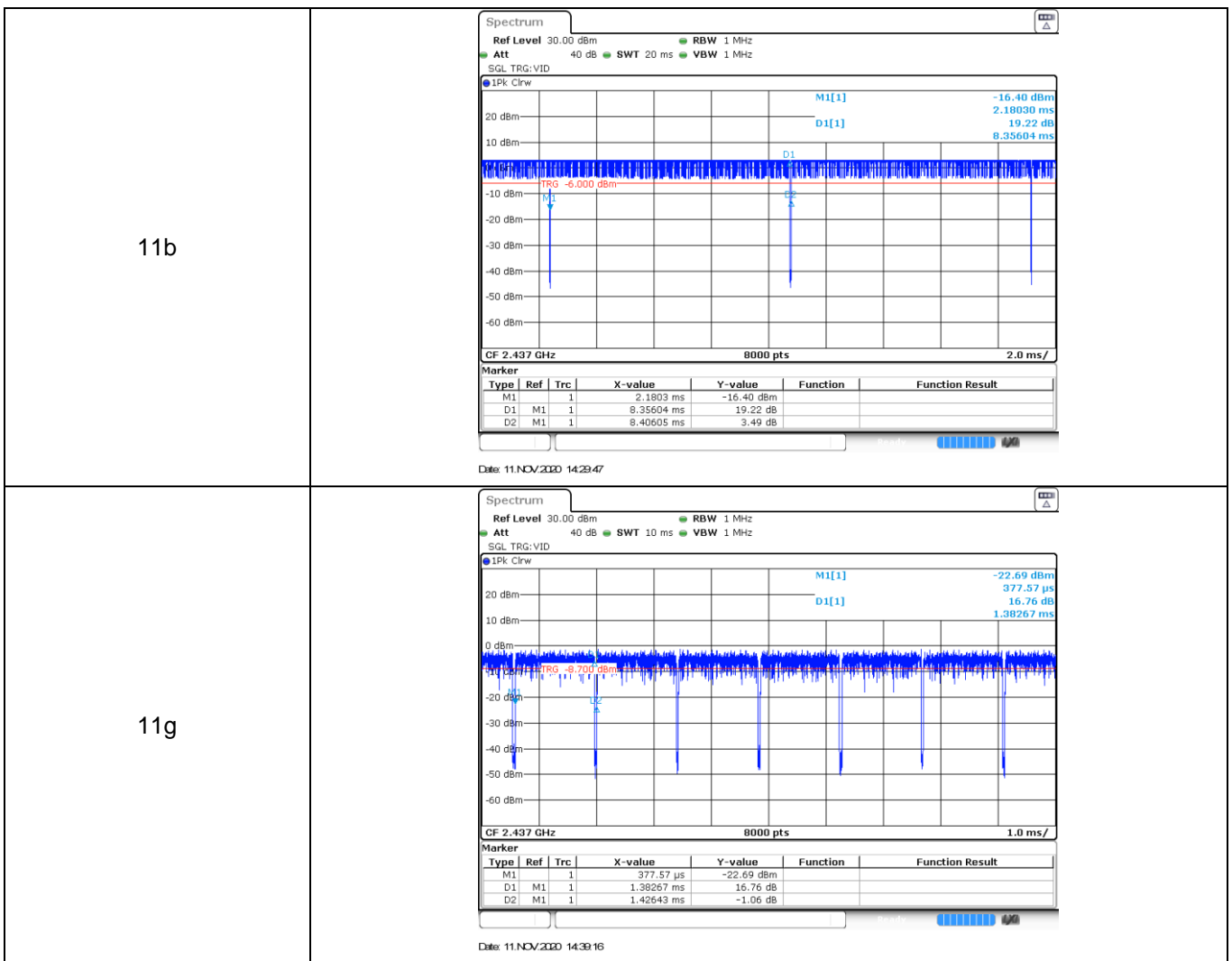
Type:		802.11 b
CH01	 <p>Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500</p> <p>1PK View</p> <p>1.89 dBm 2.4134990 GHz 12.107892108 MHz</p> <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 11 NOV 2020 14:21:58</p>	
CH06	 <p>Spectrum</p> <p>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</p> <p>1PK View</p> <p>2.05 dBm 2.4384990 GHz 12.077922078 MHz</p> <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 11 NOV 2020 14:30:05</p>	
CH11	 <p>Spectrum</p> <p>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</p> <p>1PK View</p> <p>2.13 dBm 2.4634990 GHz 12.047952048 MHz</p> <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 11 NOV 2020 14:32:43</p>	

Type:		802.11 g
CH01	 <p>Spectrum</p> <p>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</p> <p>IPK View</p> <p>M1[1] -9.72 dBm 2.4073850 GHz Occ Bw 17.262737263 MHz</p> <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 11 NOV 2020 14:35:59</p>	
CH06	 <p>Spectrum</p> <p>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</p> <p>IPK View</p> <p>M1[1] -9.17 dBm 2.4353520 GHz Occ Bw 17.202797203 MHz</p> <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 11 NOV 2020 14:39:34</p>	
CH11	 <p>Spectrum</p> <p>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</p> <p>IPK View</p> <p>M1[1] -9.46 dBm 2.4659560 GHz Occ Bw 17.142857143 MHz</p> <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 11 NOV 2020 14:42:46</p>	

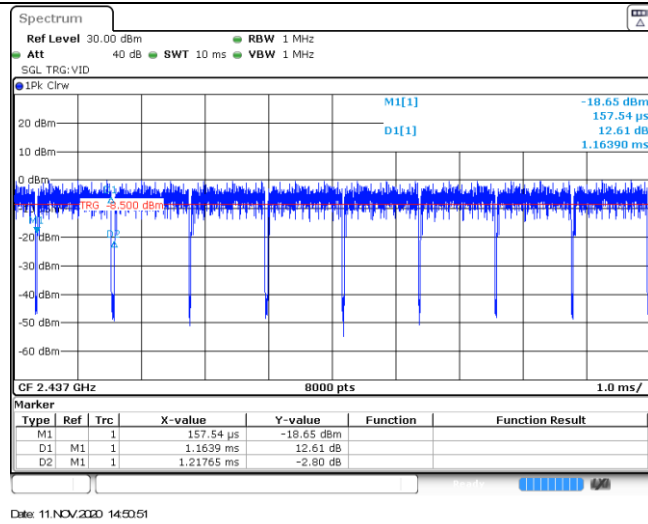
Type:		802.11n(HT20)
CH01	<p> Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500 1PK View M1[1] -9.50 dBm 2.4077440 GHz Occ Bw 17.832167832 MHz CF 2.412 GHz 1001 pts Span 30.0 MHz Date: 11 NOV 2020 14:47:13 </p>	
CH06	<p> Spectrum Ref Level 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 M1[1] -9.84 dBm 2.4402370 GHz Occ Bw 17.862137862 MHz CF 2.437 GHz 1001 pts Span 30.0 MHz Date: 11 NOV 2020 14:51:08 </p>	
CH11	<p> 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 M1[1] -9.90 dBm 2.4652370 GHz Occ Bw 17.922077922 MHz CF 2.462 GHz 1001 pts Span 30.0 MHz Date: 11 NOV 2020 14:53:43 </p>	

Appendix E: Duty Cycle

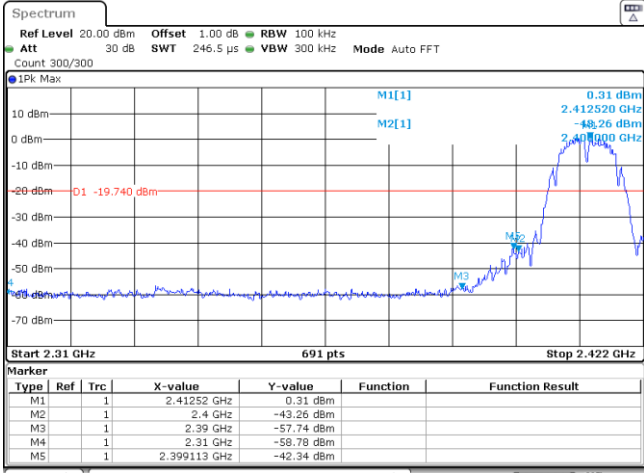
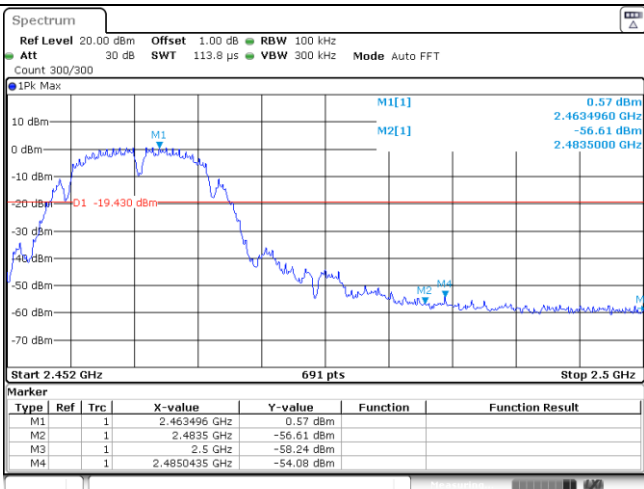
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	8.36	8.41	99.4%	0.1
11g	2437	1.38	1.43	96.5%	0.7
11n20	2437	1.16	1.22	95.1%	0.9


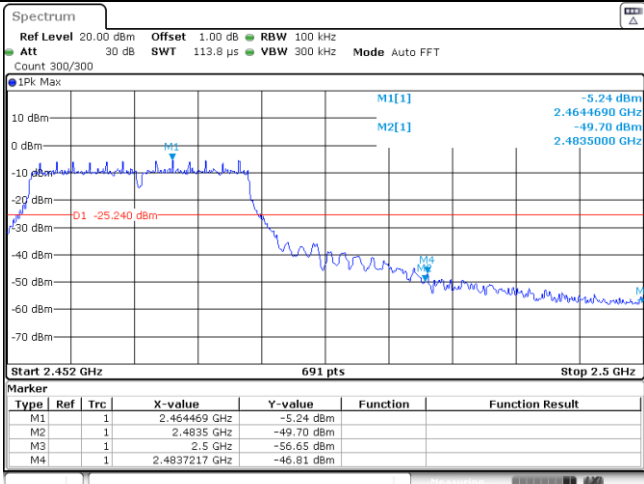



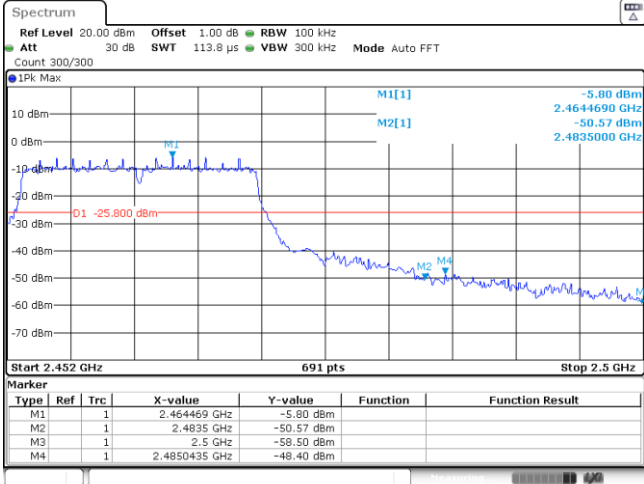
11n20

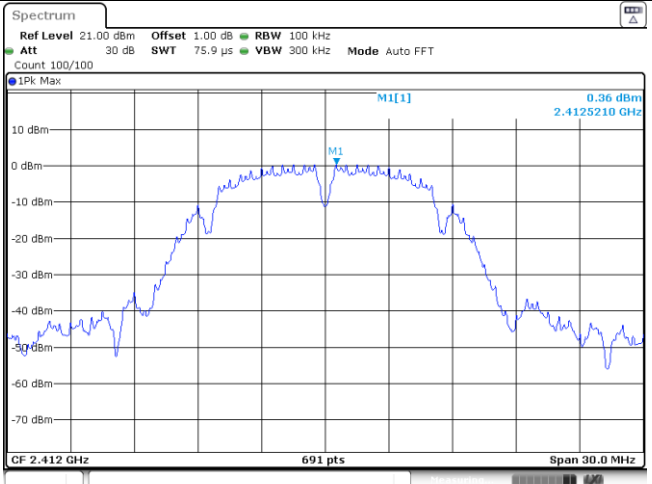
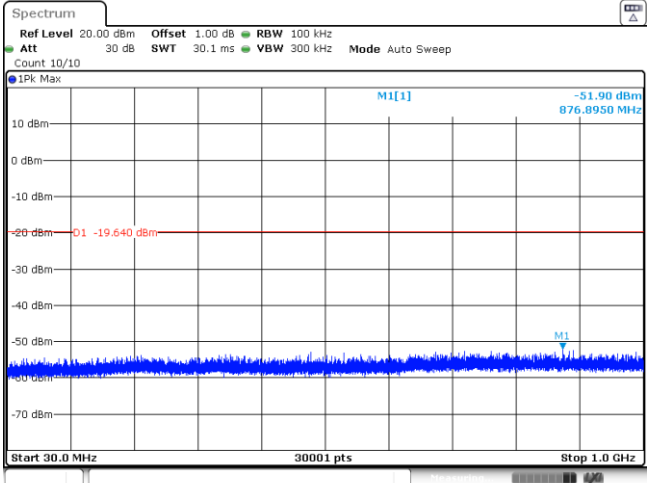
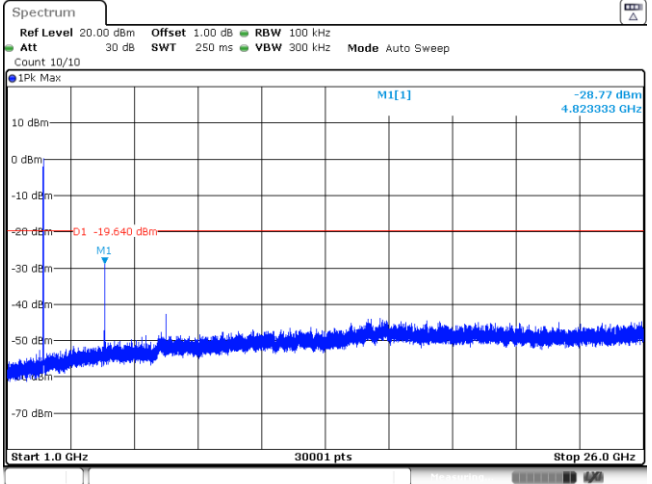


Appendix F: Band edge and Spurious Emissions (conducted)

Test Item:	Bandedge	Type:	802.11 b																																										
CH01	 <p>Marker Table:</p> <table border="1"> <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>2.41252 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>-43.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-57.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-58.78 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399113 GHz</td> <td>-42.34 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11.NOV.2020 14:22:20</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.41252 GHz	0.31 dBm			M2	1		2.4 GHz	-43.26 dBm			M3	1		2.39 GHz	-57.74 dBm			M4	1		2.31 GHz	-58.78 dBm			M5	1		2.399113 GHz	-42.34 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.41252 GHz	0.31 dBm																																									
M2	1		2.4 GHz	-43.26 dBm																																									
M3	1		2.39 GHz	-57.74 dBm																																									
M4	1		2.31 GHz	-58.78 dBm																																									
M5	1		2.399113 GHz	-42.34 dBm																																									
CH11	 <p>Marker Table:</p> <table border="1"> <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>2.463496 GHz</td> <td>0.57 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.4850435 GHz</td> <td>-54.08 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11.NOV.2020 14:33:55</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.463496 GHz	0.57 dBm			M2	1		2.4835 GHz	-56.61 dBm			M3	1		2.5 GHz	-58.24 dBm			M4	1		2.4850435 GHz	-54.08 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.463496 GHz	0.57 dBm																																									
M2	1		2.4835 GHz	-56.61 dBm																																									
M3	1		2.5 GHz	-58.24 dBm																																									
M4	1		2.4850435 GHz	-54.08 dBm																																									

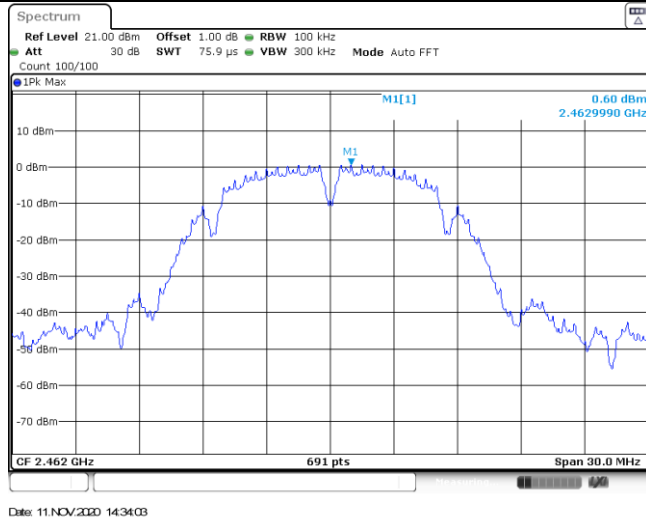
Test Item:	Bandedge	Type:	802.11 g																																										
CH01		 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300</p> <p>Start 2.31 GHz 691 pts Stop 2.422 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <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>2.40571 GHz</td> <td>-5.73 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-39.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-49.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-59.54 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399762 GHz</td> <td>-38.16 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 11.NOV.2020 14:37:35</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40571 GHz	-5.73 dBm			M2	1		2.4 GHz	-39.22 dBm			M3	1		2.39 GHz	-49.38 dBm			M4	1		2.31 GHz	-59.54 dBm			M5	1		2.399762 GHz	-38.16 dBm			
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40571 GHz	-5.73 dBm																																									
M2	1		2.4 GHz	-39.22 dBm																																									
M3	1		2.39 GHz	-49.38 dBm																																									
M4	1		2.31 GHz	-59.54 dBm																																									
M5	1		2.399762 GHz	-38.16 dBm																																									
CH11		 <p>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</p> <p>Start 2.452 GHz 691 pts Stop 2.5 GHz</p> <table border="1"> <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>2.464469 GHz</td> <td>-5.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-49.70 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-56.65 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> </tbody> </table> <p>Date: 11.NOV.2020 14:43:10</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.464469 GHz	-5.24 dBm			M2	1		2.4835 GHz	-49.70 dBm			M3	1		2.5 GHz	-56.65 dBm			M4	1		2.4837217 GHz	-46.81 dBm										
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.464469 GHz	-5.24 dBm																																									
M2	1		2.4835 GHz	-49.70 dBm																																									
M3	1		2.5 GHz	-56.65 dBm																																									
M4	1		2.4837217 GHz	-46.81 dBm																																									

Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01		 <p>Marker Table:</p> <table border="1"> <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>2.40571 GHz</td> <td>-6.16 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-40.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-48.45 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>2.397652 GHz</td> <td>-40.75 dBm</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40571 GHz	-6.16 dBm			M2	1		2.4 GHz	-40.18 dBm			M3	1		2.39 GHz	-48.45 dBm			M4	1		2.31 GHz	-59.42 dBm			M5	1		2.397652 GHz	-40.75 dBm			<p>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</p> <p>Start 2.31 GHz 691 pts Stop 2.422 GHz</p> <p>Date: 11.NOV.2020 14:47:35</p>
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.40571 GHz	-6.16 dBm																																									
M2	1		2.4 GHz	-40.18 dBm																																									
M3	1		2.39 GHz	-48.45 dBm																																									
M4	1		2.31 GHz	-59.42 dBm																																									
M5	1		2.397652 GHz	-40.75 dBm																																									
CH11		 <p>Marker Table:</p> <table border="1"> <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>2.464469 GHz</td> <td>-5.80 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-50.57 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-58.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.4850435 GHz</td> <td>-48.40 dBm</td> <td></td> <td></td> </tr> </tbody> </table>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.464469 GHz	-5.80 dBm			M2	1		2.4835 GHz	-50.57 dBm			M3	1		2.5 GHz	-58.50 dBm			M4	1		2.4850435 GHz	-48.40 dBm			<p>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</p> <p>Start 2.452 GHz 691 pts Stop 2.5 GHz</p> <p>Date: 11.NOV.2020 14:54:05</p>							
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.464469 GHz	-5.80 dBm																																									
M2	1		2.4835 GHz	-50.57 dBm																																									
M3	1		2.5 GHz	-58.50 dBm																																									
M4	1		2.4850435 GHz	-48.40 dBm																																									

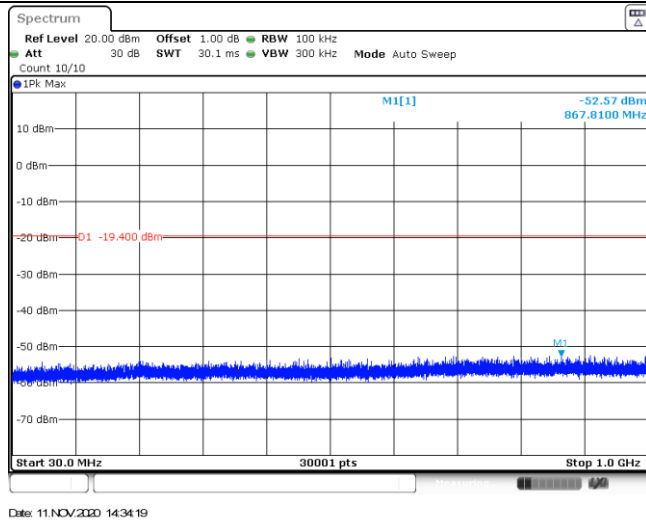
Test Item:	SE	Type:	802.11 b
<p>CH01 Reference level</p>		 <p>1Pk Max: 0.36 dBm 2.4125210 GHz</p> <p>CF 2.412 GHz 691 pts Span 30.0 MHz</p> <p>Date: 11.NOV.2020 14:22:27</p>	
<p>CH01 30MHz~1000MHz</p>		 <p>1Pk Max: -51.90 dBm 876.8950 MHz</p> <p>Start 30.0 MHz 30001 pts Stop 1.0 GHz</p> <p>Date: 11.NOV.2020 14:22:42</p>	
<p>CH01 1GHz~26GHz</p>		 <p>1Pk Max: -28.77 dBm 4.823333 GHz</p> <p>Start 1.0 GHz 30001 pts Stop 26.0 GHz</p> <p>Date: 11.NOV.2020 14:22:58</p>	

<p>CH06 Reference level</p>	
<p>CH06 30MHz~1000MHz</p>	
<p>CH06 1GHz~26GHz</p>	

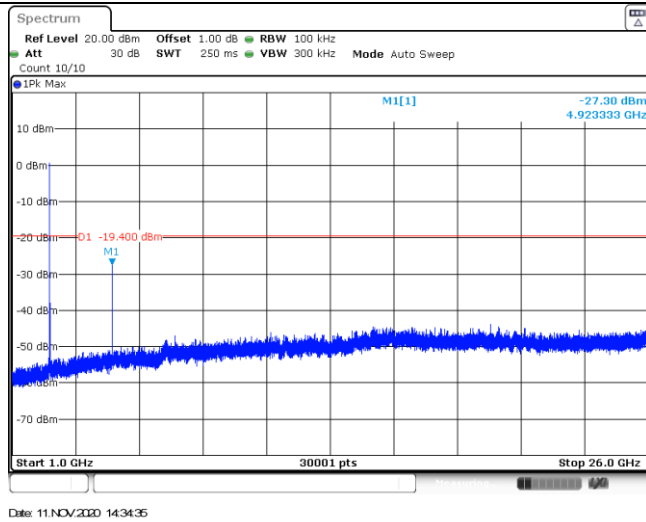
CH11
Reference level

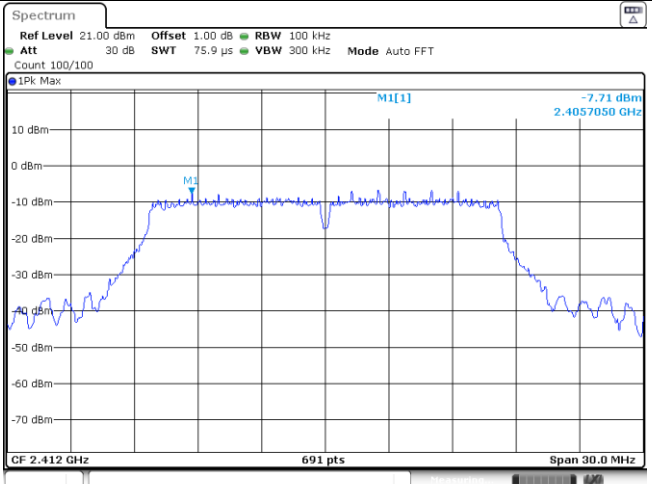
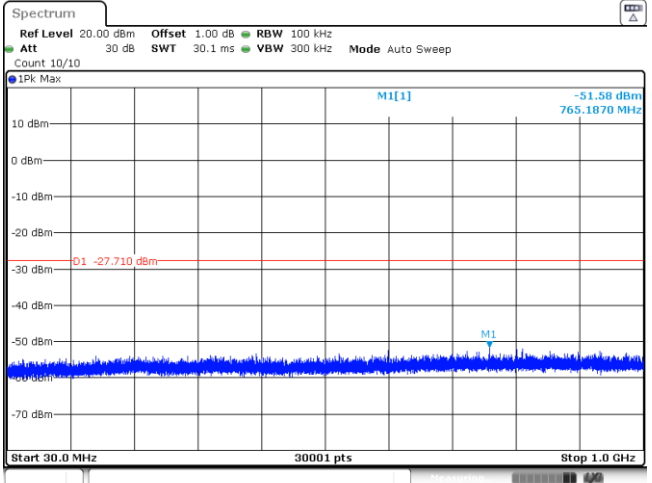
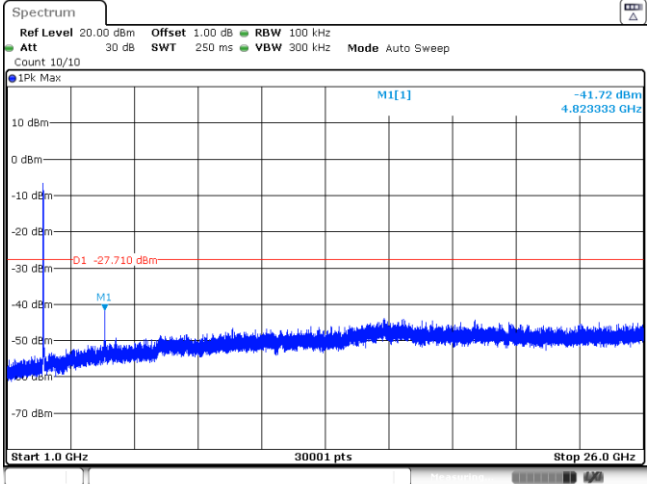


CH11
30MHz~1000MHz

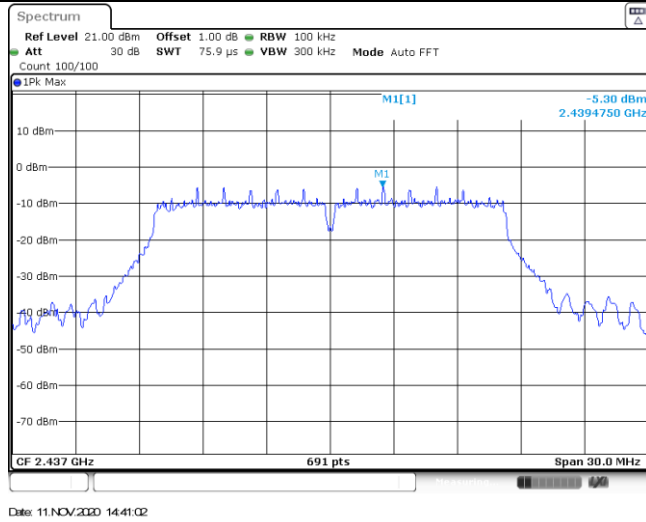


CH11
1GHz~26GHz

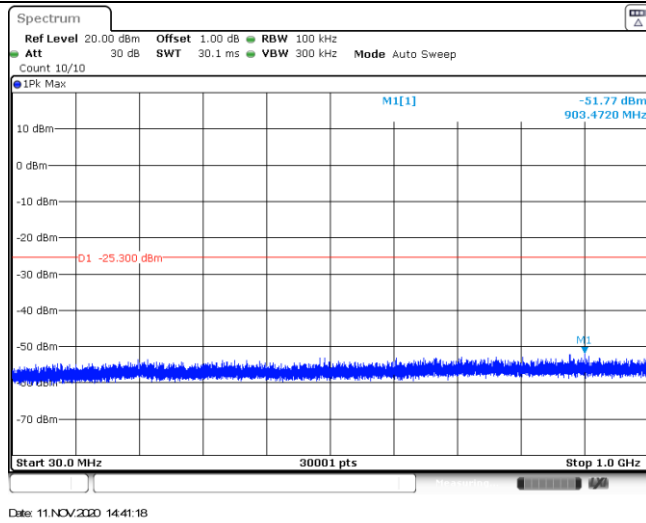


Test Item:	SE	Type:	802.11 g
<p>CH01 Reference level</p>		 <p>1Pk Max: -7.71 dBm 2.4057050 GHz</p> <p>CF 2.412 GHz 691 pts Span 30.0 MHz</p> <p>Date: 11.NOV.2020 14:37:42</p>	
<p>CH01 30MHz~1000MHz</p>		 <p>1Pk Max: -51.58 dBm 765.1870 MHz</p> <p>Start 30.0 MHz 30001 pts Stop 1.0 GHz</p> <p>Date: 11.NOV.2020 14:37:57</p>	
<p>CH01 1GHz~26GHz</p>		 <p>1Pk Max: -41.72 dBm 4.823333 GHz</p> <p>Start 1.0 GHz 30001 pts Stop 26.0 GHz</p> <p>Date: 11.NOV.2020 14:38:13</p>	

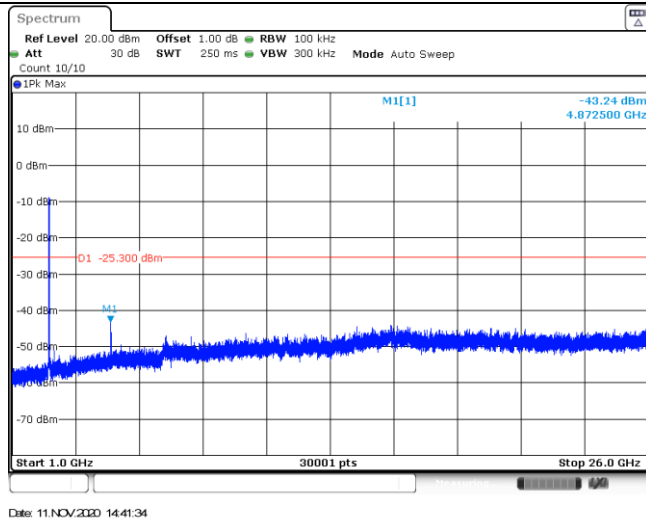
CH06
Reference level



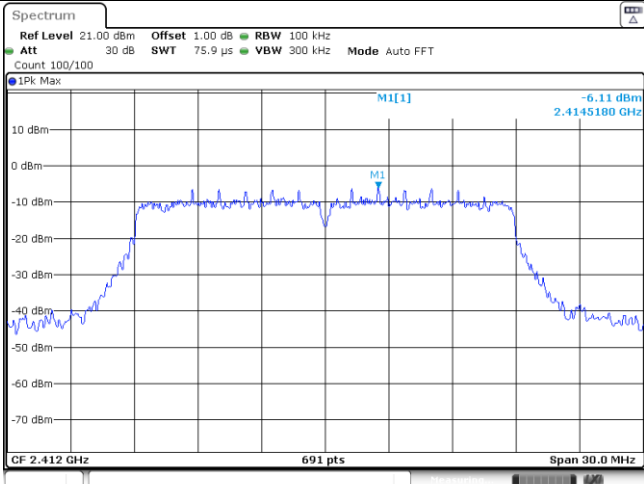
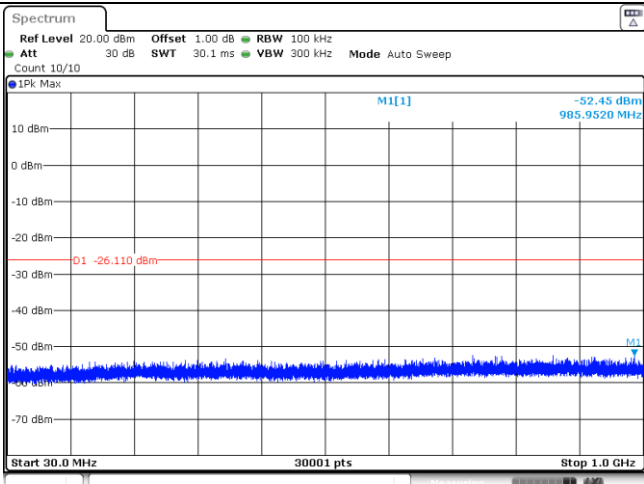
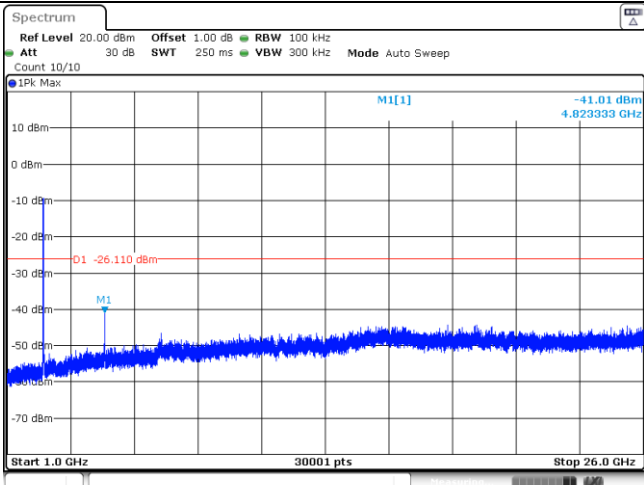
CH06
30MHz~1000MHz



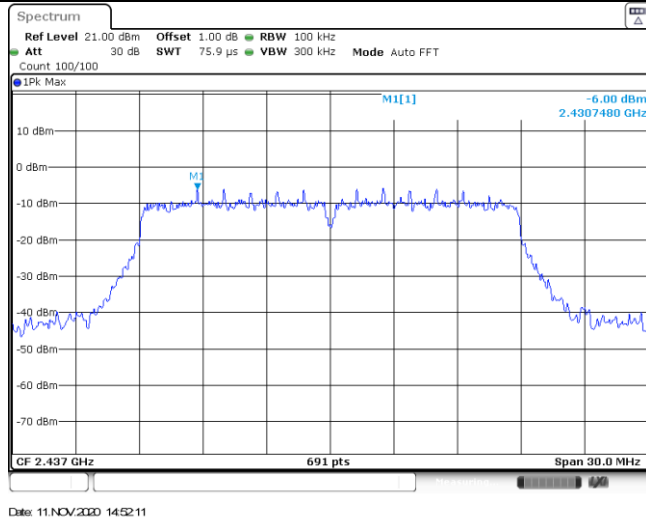
CH06
1GHz~26GHz



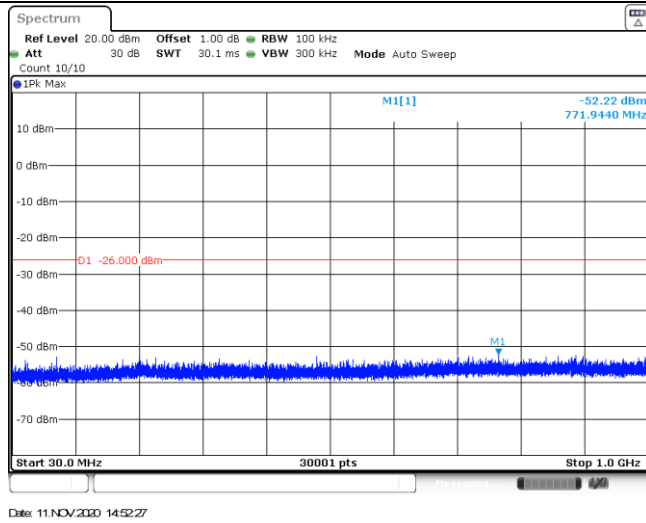
<p>CH11 Reference level</p>	<p>Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max M1[1] -5.64 dBm 2.4557480 GHz CF 2.462 GHz 691 pts Span 30.0 MHz Date: 11.NOV.2020 14:43:17</p>
<p>CH11 30MHz~1000MHz</p>	<p>Spectrum Ref Level 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] -52.38 dBm 821.4130 MHz D1 -25.640 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 11.NOV.2020 14:43:32</p>
<p>CH11 1GHz~26GHz</p>	<p>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] -38.12 dBm 4.923333 GHz D1 -25.640 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 11.NOV.2020 14:43:48</p>

Test Item:	SE	Type:	802.11 n(HT20)
<p>CH01 Reference level</p>		 <p>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] -6.11 dBm 2.4145180 GHz CF 2.412 GHz 691 pts Span 30.0 MHz Date: 11.NOV.2020 14:47:42</p>	
<p>CH01 30MHz~1000MHz</p>		 <p>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] -52.45 dBm 985.9520 MHz D1 -26.110 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 11.NOV.2020 14:47:59</p>	
<p>CH01 1GHz~26GHz</p>		 <p>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] -41.01 dBm 4.823333 GHz D1 -26.110 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 11.NOV.2020 14:48:14</p>	

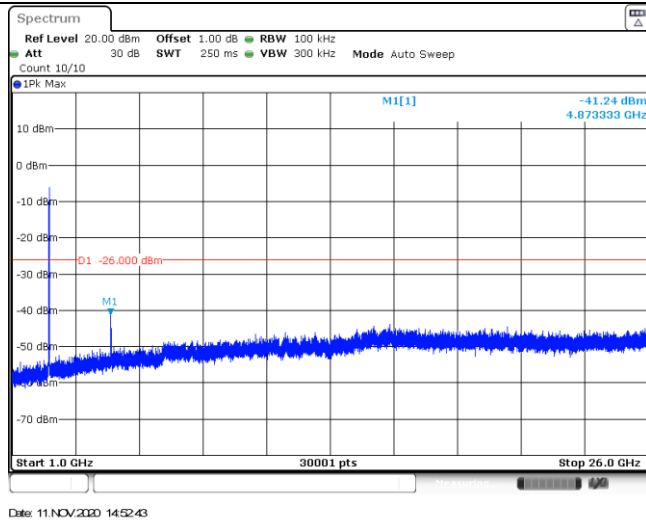
CH06
Reference level



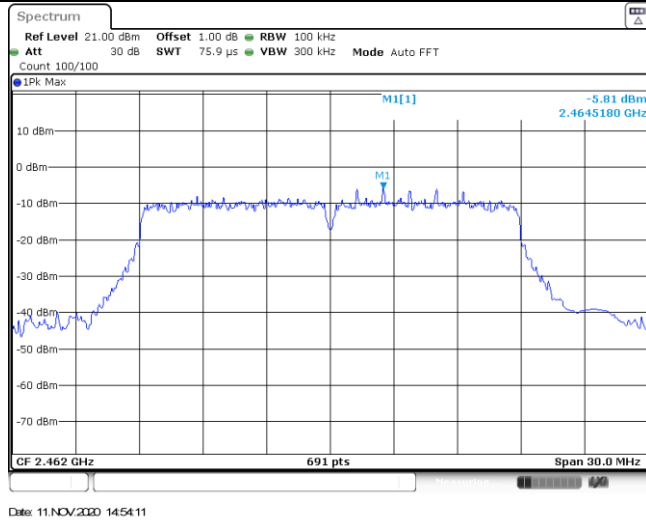
CH06
30MHz~1000MHz



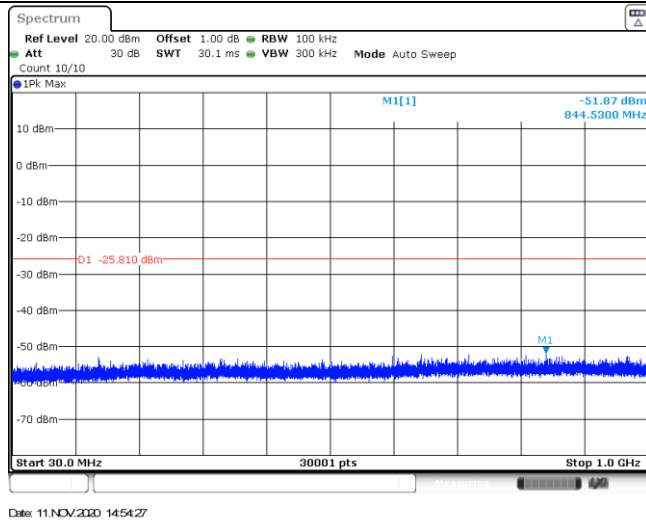
CH06
1GHz~26GHz



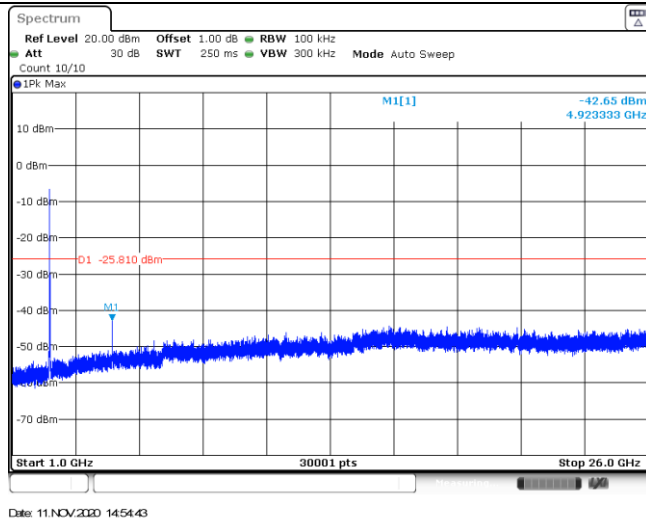
CH11
Reference level



CH11
30MHz~1000MHz



CH11
1GHz~26GHz



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