

APPENDIX REPORT

Project No.	SHT2005029401EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT20050294003	Model No.	L14WB2BK
Start test date	2020/5/19	Finish date	2020/5/19
Temperature	25°C	Humidity	50%
Test Engineer	Jinyue.Yan	Auditor	<i>William.wang</i>

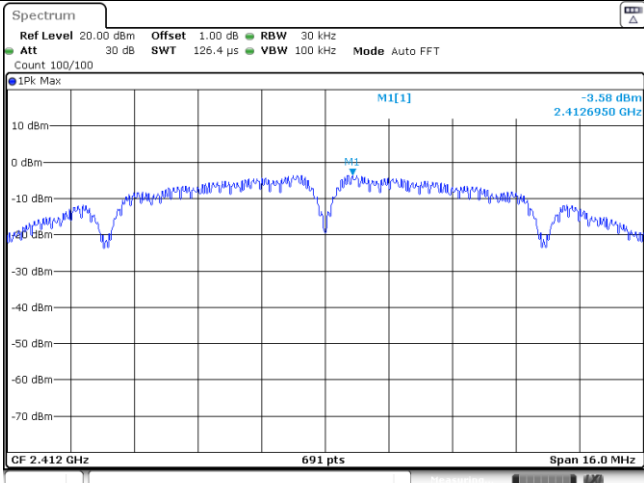
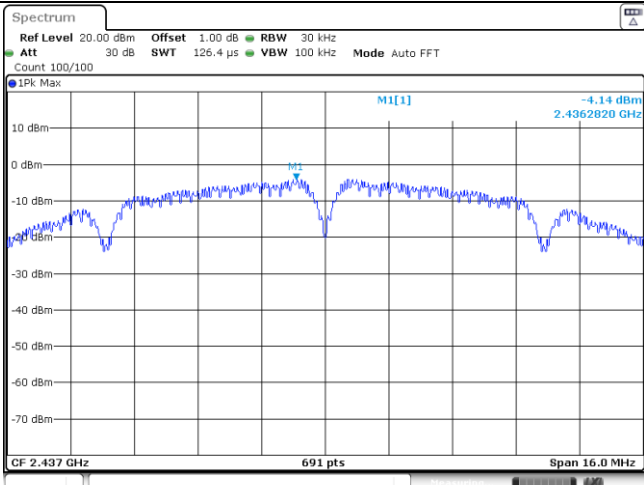
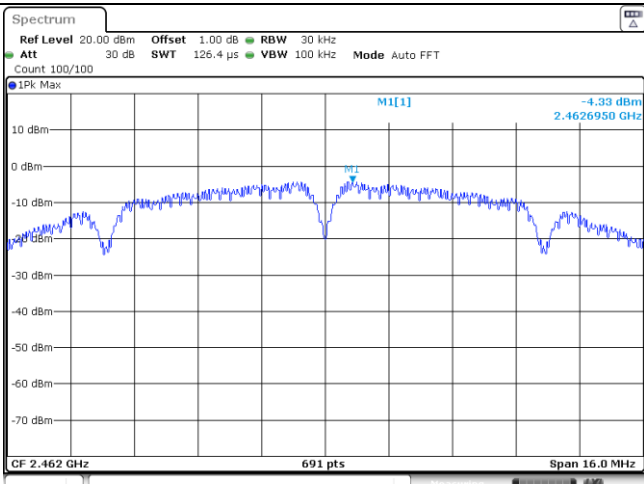
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

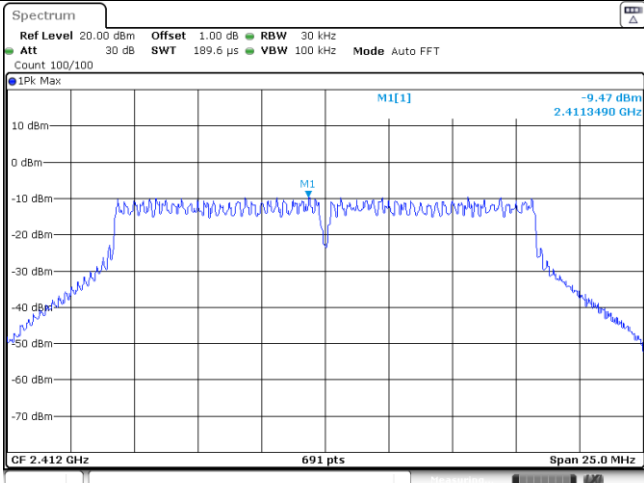
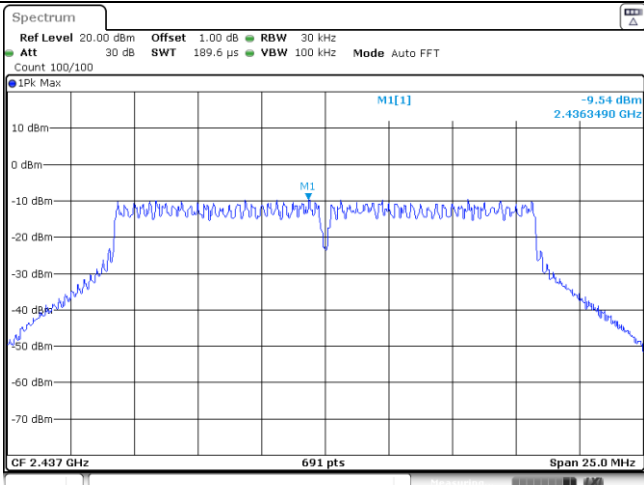
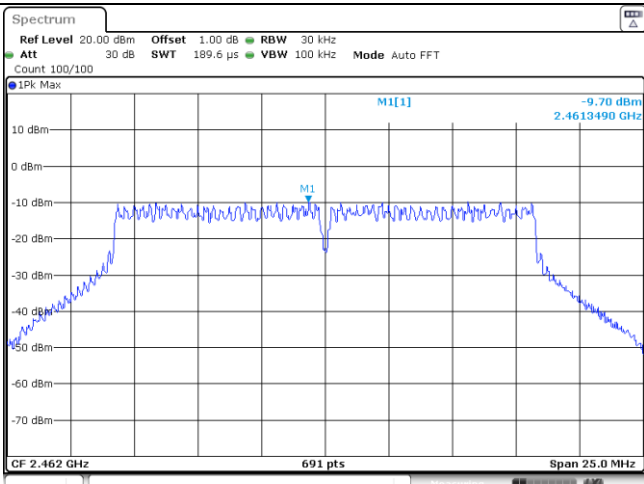
Appendix A: Conducted Peak Output Power

Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	15.02	12.43	≤30.00	Pass
	06	14.60	12.37		
	11	14.45	12.23		
802.11g	01	15.79	12.07	≤30.00	Pass
	06	15.80	12.05		
	11	15.70	11.97		
802.11n(HT20)	01	15.50	11.82	≤30.00	Pass
	06	15.53	11.86		
	11	15.47	11.72		
802.11n(HT40)	03	15.17	11.43	≤30.00	Pass
	06	15.09	11.25		
	09	15.04	11.27		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	-3.58	≤8.00	Pass
	06	-4.14		
	11	-4.33		
802.11g	01	-9.47	≤8.00	Pass
	06	-9.54		
	11	-9.70		
802.11n(HT20)	01	-9.30	≤8.00	Pass
	06	-9.43		
	11	-9.57		
802.11n(HT40)	03	-13.20	≤8.00	Pass
	06	-13.23		
	09	-13.30		

Type:		802.11 b
CH01	 <p>Spectrum</p> <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</p> <p>M1[1] -9.58 dBm 2.4126950 GHz</p> <p>CF 2.412 GHz 691 pts Span 16.0 MHz</p> <p>Date: 20 MAY 2020 10:22:37</p>	
CH06	 <p>Spectrum</p> <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</p> <p>M1[1] -4.14 dBm 2.4362820 GHz</p> <p>CF 2.437 GHz 691 pts Span 16.0 MHz</p> <p>Date: 20 MAY 2020 10:28:26</p>	
CH11	 <p>Spectrum</p> <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</p> <p>M1[1] -4.33 dBm 2.4626950 GHz</p> <p>CF 2.462 GHz 691 pts Span 16.0 MHz</p> <p>Date: 20 MAY 2020 10:30:27</p>	

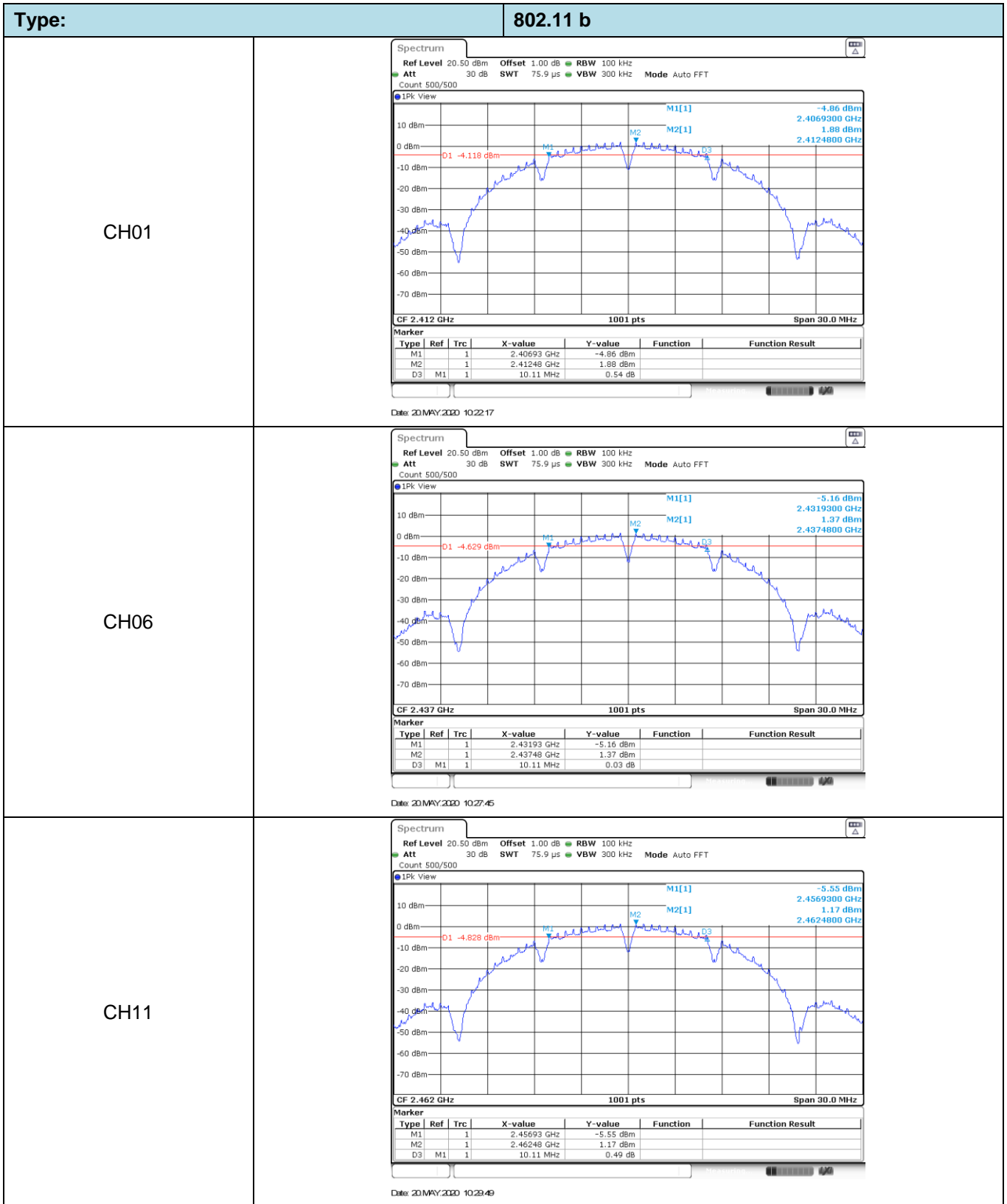
Type:		802.11 g
CH01	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max</p> <p>M1[1] -9.47 dBm 2.4113490 GHz</p> <p>M1</p> <p>CF 2.412 GHz 691 pts Span 25.0 MHz</p> <p>Date: 20 MAY 2020 10:34:15</p>	
CH06	 <p>Spectrum</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] -9.54 dBm 2.4363490 GHz</p> <p>M1</p> <p>CF 2.437 GHz 691 pts Span 25.0 MHz</p> <p>Date: 20 MAY 2020 10:37:11</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] -9.70 dBm 2.4613490 GHz</p> <p>M1</p> <p>CF 2.462 GHz 691 pts Span 25.0 MHz</p> <p>Date: 20 MAY 2020 10:39:36</p>	

Type:		802.11n(HT20)
CH01	<p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100 IPK Max -9.30 dBm 2.4126150 GHz M1 M1[1] CF 2.412 GHz 691 pts Span 25.0 MHz Date: 20 MAY 2020 10:43:45 </p>	
CH06	<p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100 IPK Max -9.43 dBm 2.4376150 GHz M1 M1[1] CF 2.437 GHz 691 pts Span 25.0 MHz Date: 20 MAY 2020 10:43:07 </p>	
CH11	<p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 189.6 μs VBW 100 kHz Mode Auto FFT Count 100/100 IPK Max -9.57 dBm 2.4626150 GHz M1 M1[1] CF 2.462 GHz 691 pts Span 25.0 MHz Date: 20 MAY 2020 10:43:28 </p>	

Type:		802.11n(HT40)
CH03	<p>CF 2.422 GHz 691 pts Span 55.0 MHz</p> <p>Date: 20 MAY 2020 10:52:41</p>	
CH06	<p>CF 2.437 GHz 691 pts Span 55.0 MHz</p> <p>Date: 20 MAY 2020 10:55:45</p>	
CH09	<p>CF 2.452 GHz 691 pts Span 55.0 MHz</p> <p>Date: 20 MAY 2020 10:57:33</p>	

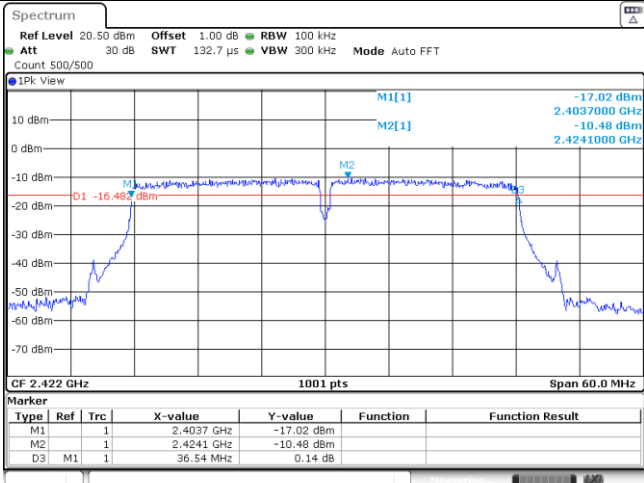
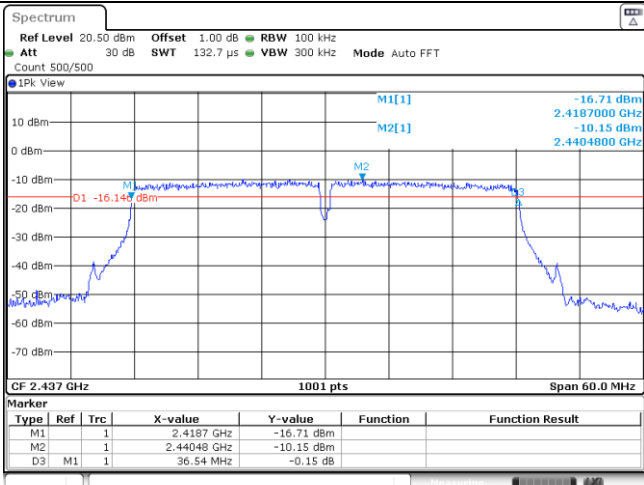
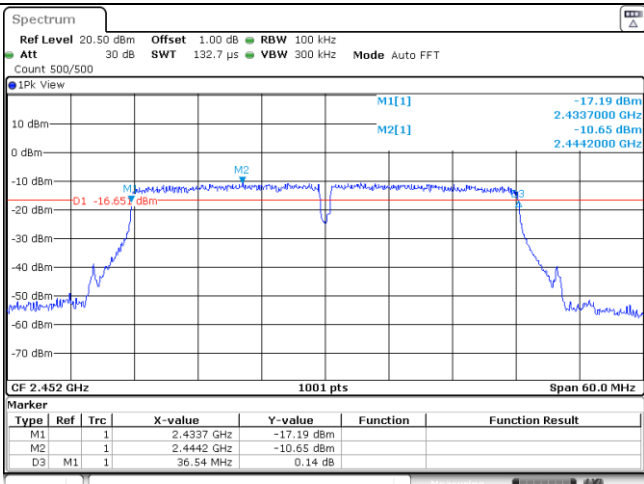
Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	10.11	≥0.5	Pass
	06	10.11		
	11	10.11		
802.11g	01	16.65	≥0.5	Pass
	06	16.65		
	11	16.65		
802.11n(HT20)	01	17.85	≥0.5	Pass
	06	17.85		
	11	17.85		
802.11n(HT40)	03	36.54	≥0.5	Pass
	06	36.54		
	09	36.54		



Type:		802.11 g																												
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>2.40366 GHz</td> <td>-13.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.41614 GHz</td> <td>-6.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.65 MHz</td> <td>-0.77 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:33:35</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40366 GHz	-13.65 dBm			M2		1	2.41614 GHz	-6.65 dBm			D3	M1	1	16.65 MHz	-0.77 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	2.40366 GHz	-13.65 dBm																										
M2		1	2.41614 GHz	-6.65 dBm																										
D3	M1	1	16.65 MHz	-0.77 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>2.42866 GHz</td> <td>-13.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.43448 GHz</td> <td>-6.72 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.65 MHz</td> <td>-0.84 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:33:33</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.42866 GHz	-13.60 dBm			M2		1	2.43448 GHz	-6.72 dBm			D3	M1	1	16.65 MHz	-0.84 dB		
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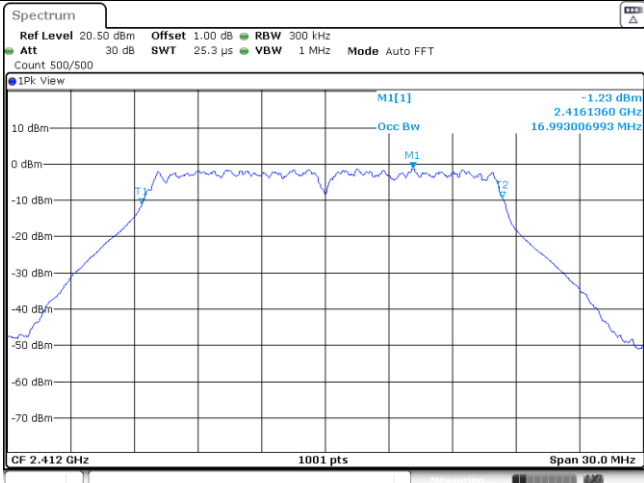
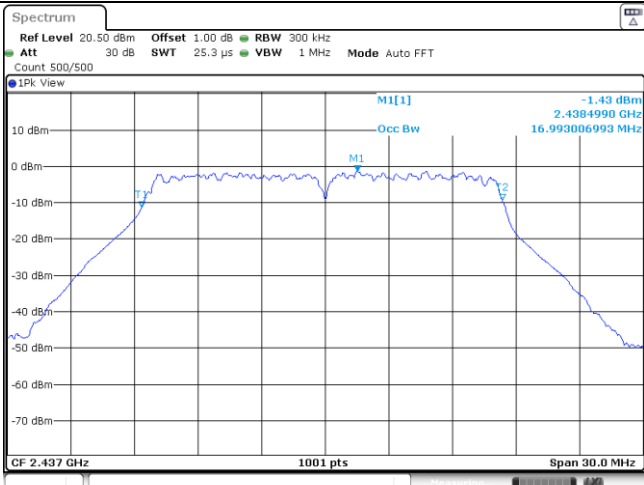
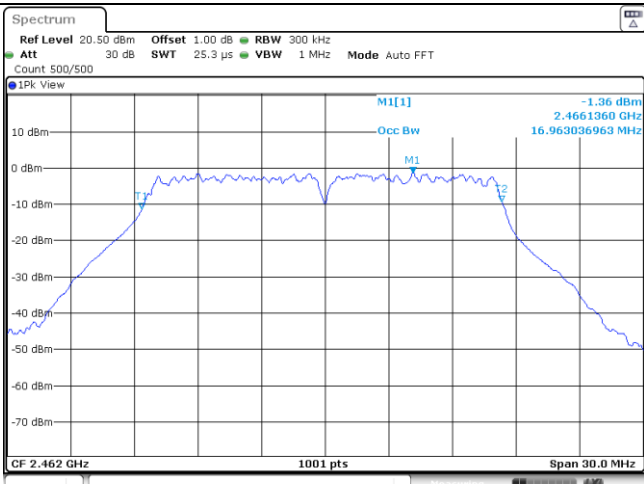
Type:	802.11n(HT20)																												
CH01	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>IPK View</p> <p>M1[1] -13.42 dBm 2.4030600 GHz M2[1] -6.64 dBm 2.4091200 GHz</p> <p>D1 -12.637 dBm</p> <p>CF 2.412 GHz 1001 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>2.40306 GHz</td> <td>-13.42 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.40912 GHz</td> <td>-6.64 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.85 MHz</td> <td>0.49 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:42:09</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40306 GHz	-13.42 dBm			M2		1	2.40912 GHz	-6.64 dBm			D3	M1	1	17.85 MHz	0.49 dB		
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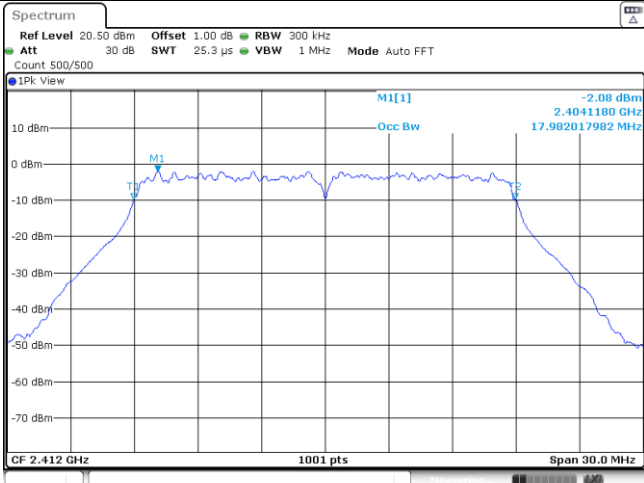
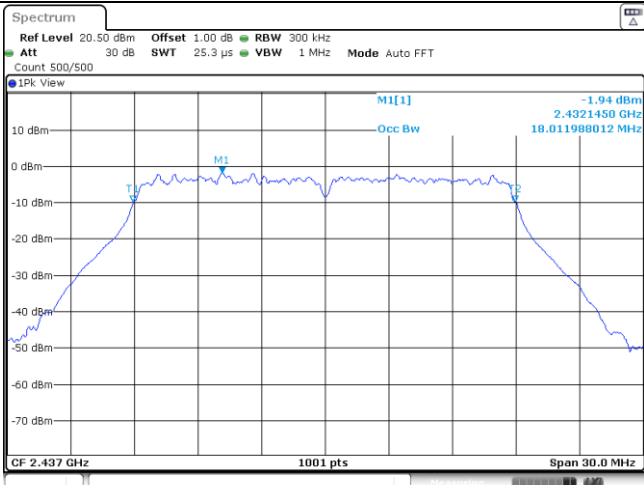
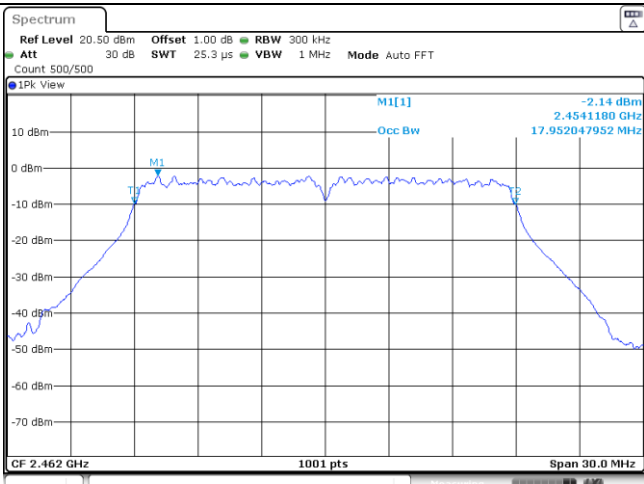
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CH03	 <p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>IPK View</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td></td> <td>1</td> <td>2.4037 GHz</td> <td>-17.02 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4241 GHz</td> <td>-10.48 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>36.54 MHz</td> <td>0.14 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>CF 2.422 GHz 1001 pts Span 60.0 MHz Date: 20 MAY 2020 10:51:30</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.4037 GHz	-17.02 dBm			M2		1	2.4241 GHz	-10.48 dBm			D3	M1	1	36.54 MHz	0.14 dB		
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CH06	 <p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>IPK View</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>2.4187 GHz</td> <td>-16.71 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.44048 GHz</td> <td>-10.15 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>36.54 MHz</td> <td>-0.15 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>CF 2.437 GHz 1001 pts Span 60.0 MHz Date: 20 MAY 2020 10:54:51</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.4187 GHz	-16.71 dBm			M2		1	2.44048 GHz	-10.15 dBm			D3	M1	1	36.54 MHz	-0.15 dB		
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M2		1	2.44048 GHz	-10.15 dBm																										
D3	M1	1	36.54 MHz	-0.15 dB																										
CH09	 <p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>IPK View</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>2.4337 GHz</td> <td>-17.19 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.4442 GHz</td> <td>-10.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>36.54 MHz</td> <td>0.14 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>CF 2.452 GHz 1001 pts Span 60.0 MHz Date: 20 MAY 2020 10:58:53</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.4337 GHz	-17.19 dBm			M2		1	2.4442 GHz	-10.65 dBm			D3	M1	1	36.54 MHz	0.14 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	2.4337 GHz	-17.19 dBm																										
M2		1	2.4442 GHz	-10.65 dBm																										
D3	M1	1	36.54 MHz	0.14 dB																										

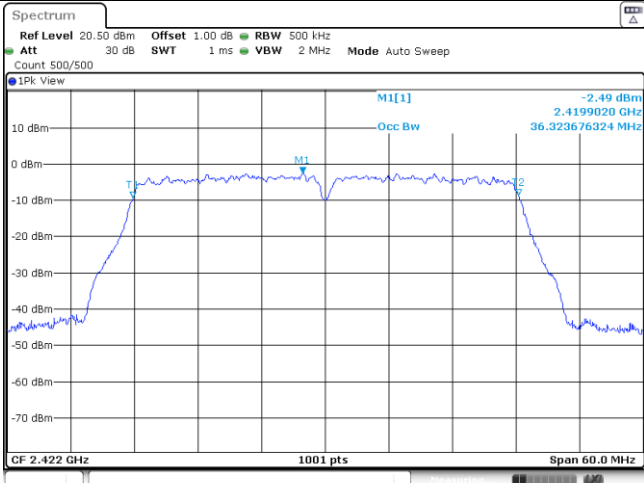
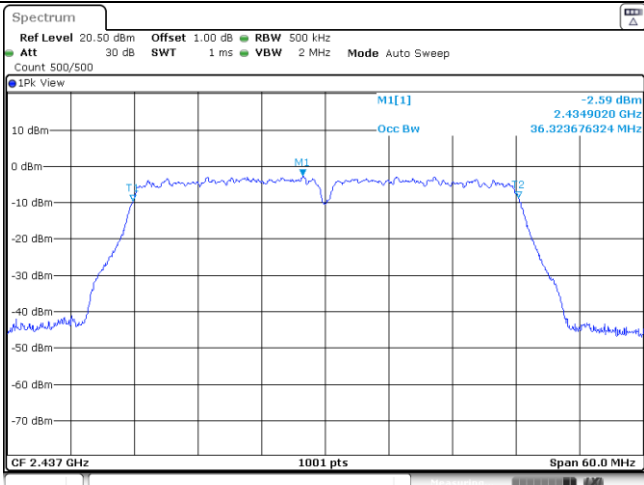
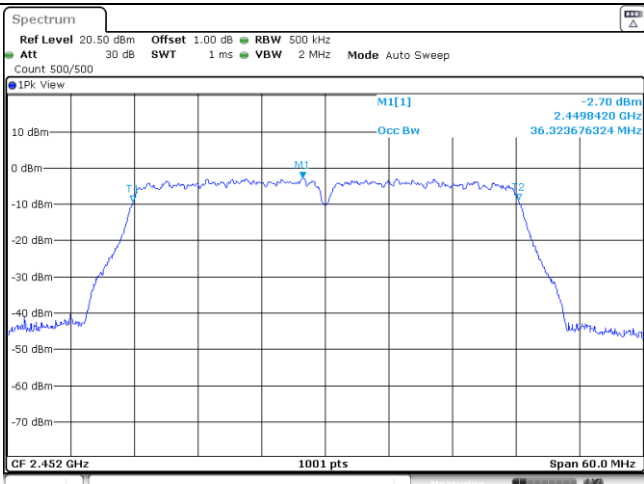
Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	15.05	-	Pass
	06	15.05		
	11	15.05		
802.11g	01	16.99	-	Pass
	06	16.99		
	11	16.96		
802.11n(HT20)	01	17.98	-	Pass
	06	18.01		
	11	17.95		
802.11n(HT40)	03	36.32	-	Pass
	06	36.32		
	09	36.32		

Type:		802.11 b
CH01	<p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:22:25</p>	
CH06	<p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:27:57</p>	
CH11	<p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:29:57</p>	

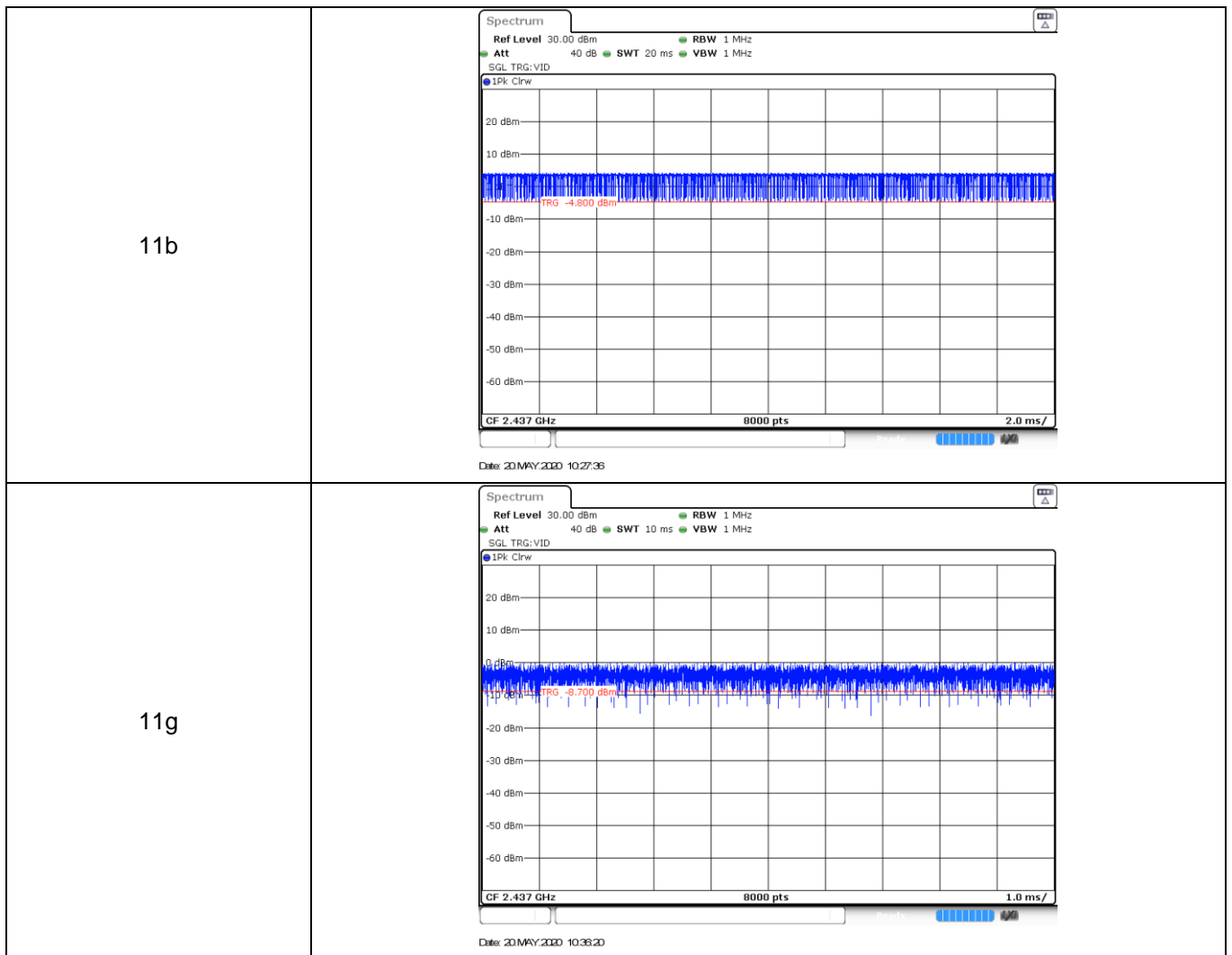
Type:		802.11 g
CH01	 <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:33:43</p>	
CH06	 <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:36:41</p>	
CH11	 <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:38:35</p>	

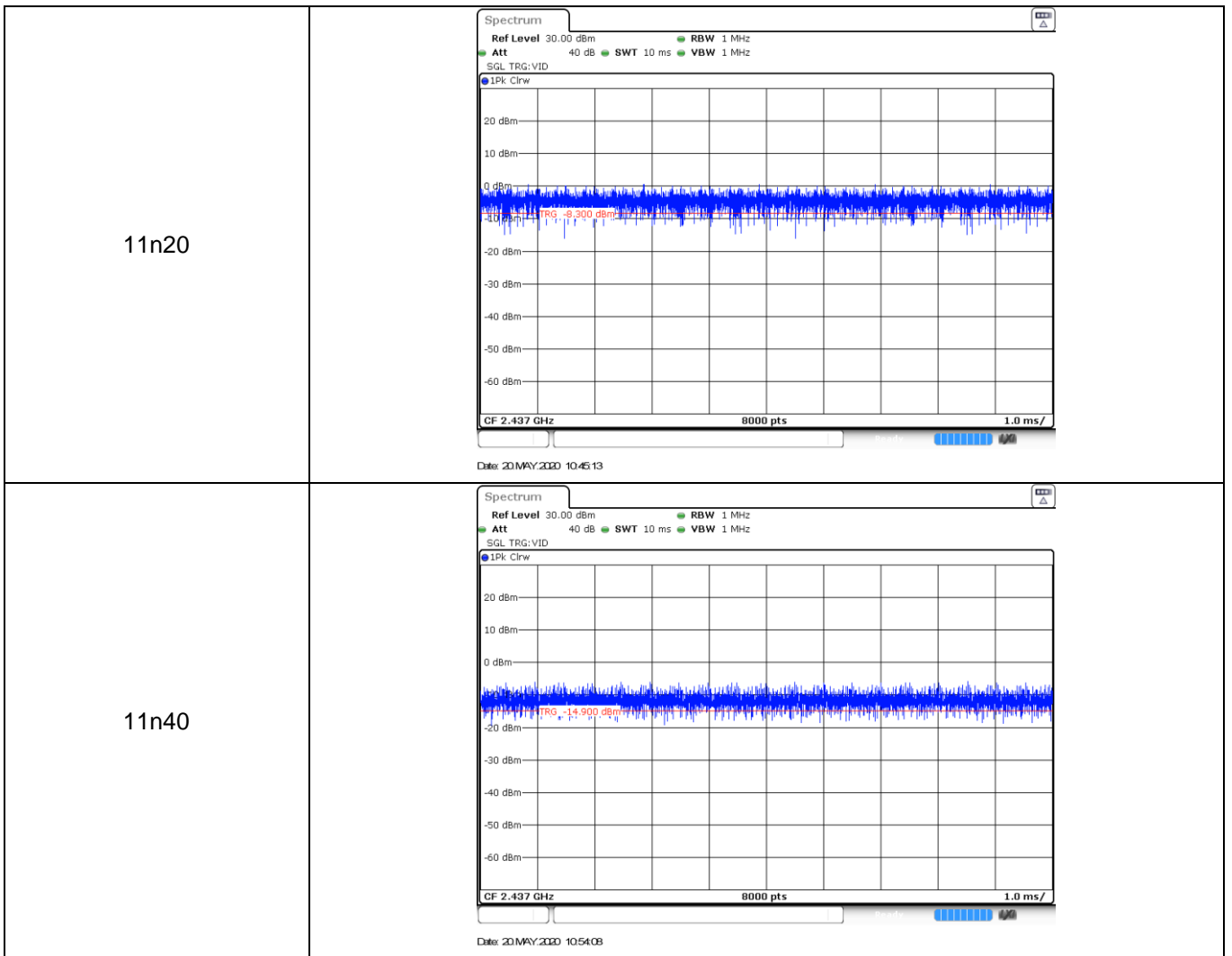
Type:		802.11n(HT20)
CH01	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500</p> <p>M1[1] -2.00 dBm 2.4041180 GHz Occ Bw 17.982017982 MHz</p> <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:43:11</p>	
CH06	 <p>Ref Level 20.50 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>M1[1] -1.94 dBm 2.4321450 GHz Occ Bw 18.011988012 MHz</p> <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:46:30</p>	
CH11	 <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>M1[1] -2.14 dBm 2.4541180 GHz Occ Bw 17.952047952 MHz</p> <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 20 MAY 2020 10:47:45</p>	

Type:		802.11n(HT40)
CH03	 <p>Spectrum plot for CH03. The plot shows a signal centered at 2.4199020 GHz with a peak level of -2.49 dBm. The plot includes parameters: Ref Level 20.50 dBm, Att 30 dB, Offset 1.00 dB, RBW 500 kHz, Count 500/500, Mode Auto Sweep, Span 60.0 MHz, and CF 2.422 GHz. The plot also shows a noise floor around -40 dBm and a bandwidth of 40 MHz.</p>	
CH06	 <p>Spectrum plot for CH06. The plot shows a signal centered at 2.4349020 GHz with a peak level of -2.59 dBm. The plot includes parameters: Ref Level 20.50 dBm, Att 30 dB, Offset 1.00 dB, RBW 500 kHz, Count 500/500, Mode Auto Sweep, Span 60.0 MHz, and CF 2.437 GHz. The plot also shows a noise floor around -40 dBm and a bandwidth of 40 MHz.</p>	
CH09	 <p>Spectrum plot for CH09. The plot shows a signal centered at 2.4498420 GHz with a peak level of -2.70 dBm. The plot includes parameters: Ref Level 20.50 dBm, Att 30 dB, Offset 1.00 dB, RBW 500 kHz, Count 500/500, Mode Auto Sweep, Span 60.0 MHz, and CF 2.452 GHz. The plot also shows a noise floor around -40 dBm and a bandwidth of 40 MHz.</p>	

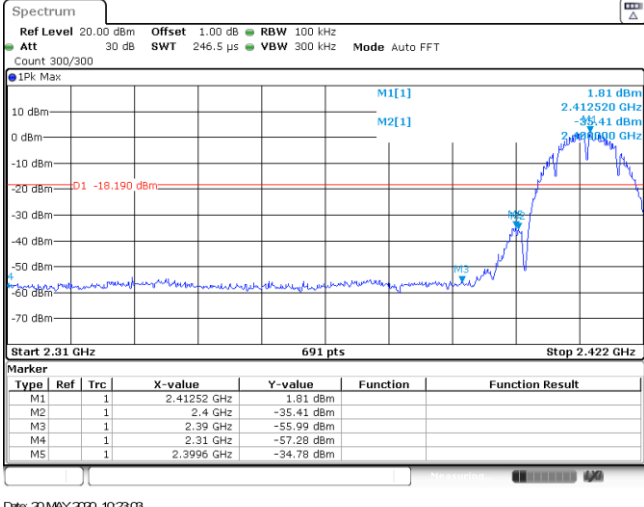
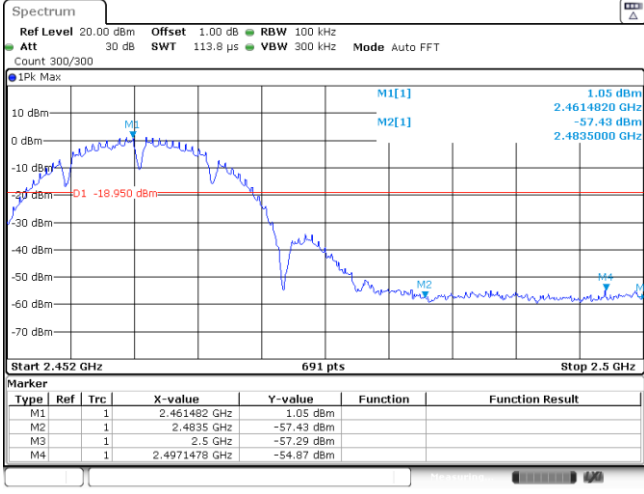
Appendix E: Duty Cycle

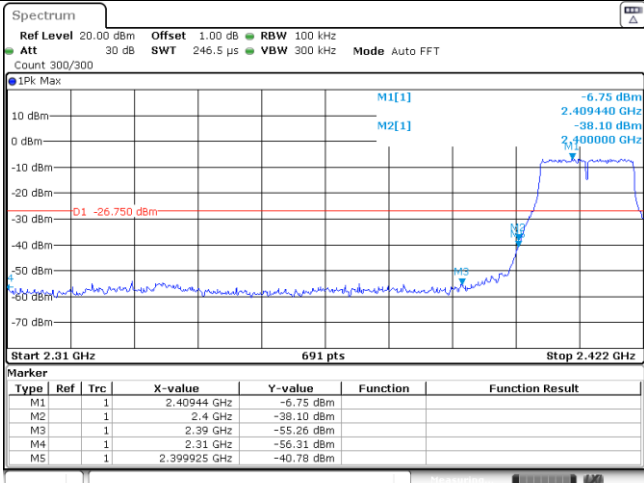
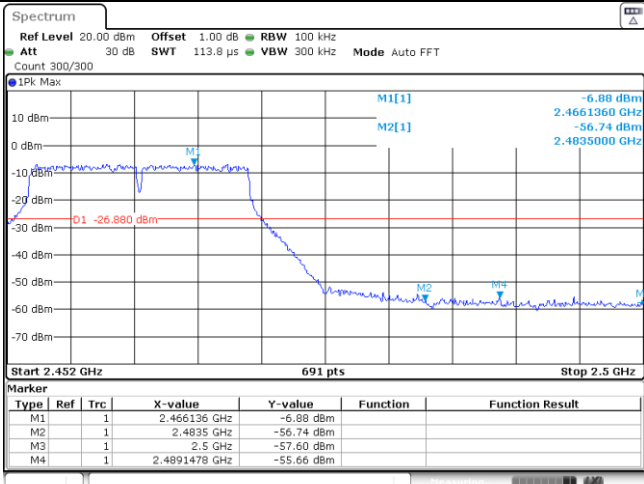
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	1.00	1.00	100.0%	1.0
11g	2437	1.00	1.00	100.0%	1.0
11n20	2437	1.00	1.00	100.0%	1.0
11n40	2437	1.00	1.00	100.0%	1.0

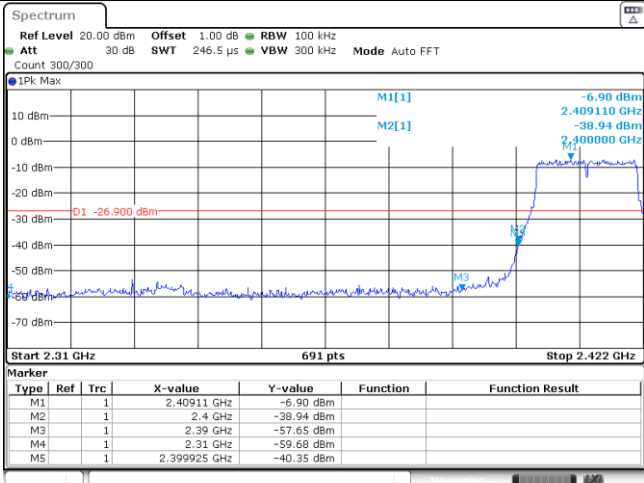
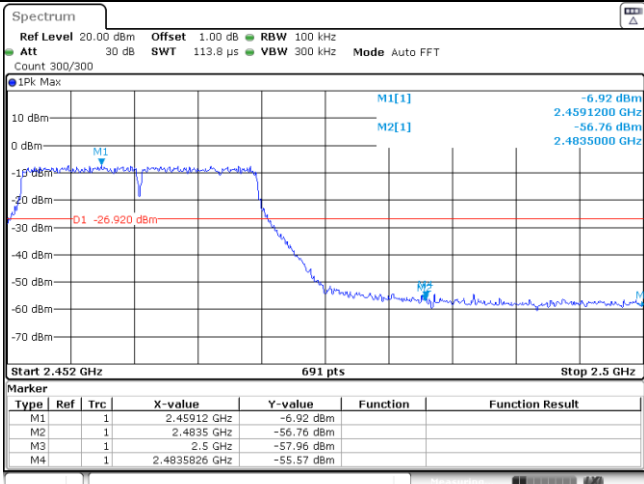




Appendix F: Band edge and Spurious Emissions (conducted)

Test Item:	Bandedge	Type:	802.11 b																																																
CH01	 <p>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</p> <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.41252 GHz</td> <td>1.81 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td></td> <td>2.4 GHz</td> <td>-35.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td></td> <td>2.39 GHz</td> <td>-55.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td></td> <td>2.31 GHz</td> <td>-57.28 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td></td> <td>2.3996 GHz</td> <td>-34.78 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:23:03</p>			Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.41252 GHz	1.81 dBm			M2	1			2.4 GHz	-35.41 dBm			M3	1			2.39 GHz	-55.99 dBm			M4	1			2.31 GHz	-57.28 dBm			M5	1			2.3996 GHz	-34.78 dBm		
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																												
M1	1			2.41252 GHz	1.81 dBm																																														
M2	1			2.4 GHz	-35.41 dBm																																														
M3	1			2.39 GHz	-55.99 dBm																																														
M4	1			2.31 GHz	-57.28 dBm																																														
M5	1			2.3996 GHz	-34.78 dBm																																														
CH11	 <p>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</p> <table border="1"> <thead> <tr> <th>Marker</th> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td></td> <td>2.461482 GHz</td> <td>1.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td></td> <td>2.4835 GHz</td> <td>-57.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td></td> <td>2.5 GHz</td> <td>-57.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td></td> <td>2.4971478 GHz</td> <td>-54.87 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:30:37</p>			Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.461482 GHz	1.05 dBm			M2	1			2.4835 GHz	-57.43 dBm			M3	1			2.5 GHz	-57.29 dBm			M4	1			2.4971478 GHz	-54.87 dBm										
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																												
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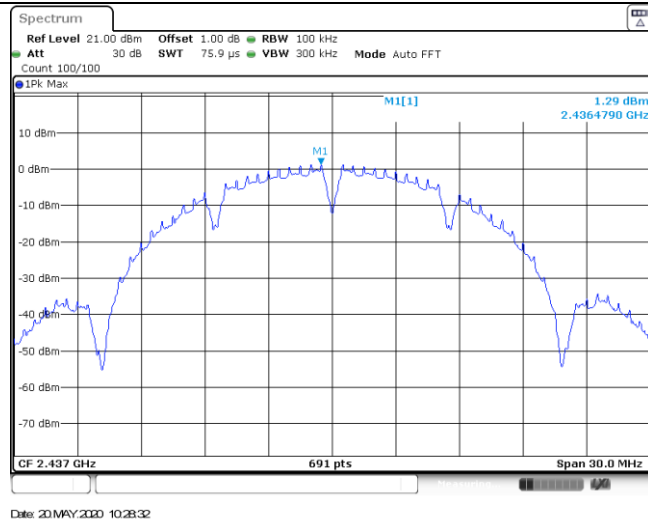
Test Item:	Bandedge	Type:	802.11 g																																										
CH01	 <p>Marker Table for CH01:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td>1</td> <td>2.40944 GHz</td> <td>-6.75 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>2.4 GHz</td> <td>-38.10 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td>2.39 GHz</td> <td>-55.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td>2.31 GHz</td> <td>-56.31 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td>1</td> <td>2.399925 GHz</td> <td>-40.78 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:34:55</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	2.40944 GHz	-6.75 dBm			M2	1	1	2.4 GHz	-38.10 dBm			M3	1	1	2.39 GHz	-55.26 dBm			M4	1	1	2.31 GHz	-56.31 dBm			M5	1	1	2.399925 GHz	-40.78 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1	1	2.40944 GHz	-6.75 dBm																																									
M2	1	1	2.4 GHz	-38.10 dBm																																									
M3	1	1	2.39 GHz	-55.26 dBm																																									
M4	1	1	2.31 GHz	-56.31 dBm																																									
M5	1	1	2.399925 GHz	-40.78 dBm																																									
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>1</td> <td>1</td> <td>2.466136 GHz</td> <td>-6.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>2.4835 GHz</td> <td>-56.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td>2.5 GHz</td> <td>-57.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td>2.4891478 GHz</td> <td>-55.66 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:39:45</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	2.466136 GHz	-6.88 dBm			M2	1	1	2.4835 GHz	-56.74 dBm			M3	1	1	2.5 GHz	-57.60 dBm			M4	1	1	2.4891478 GHz	-55.66 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1	1	2.466136 GHz	-6.88 dBm																																									
M2	1	1	2.4835 GHz	-56.74 dBm																																									
M3	1	1	2.5 GHz	-57.60 dBm																																									
M4	1	1	2.4891478 GHz	-55.66 dBm																																									

Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01	 <p>Spectrum</p> <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>1PK Max</p> <p>M1[1] -6.90 dBm 2.409110 GHz M2[1] -38.94 dBm 2.400000 GHz M3 -57.65 dBm 2.39 GHz M4 -59.68 dBm 2.31 GHz M5 -40.35 dBm 2.399925 GHz</p> <p>D1 -26.900 dBm</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>2.40911 GHz</td> <td>-6.90 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-38.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-57.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-59.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399925 GHz</td> <td>-40.35 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:43:55</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.40911 GHz	-6.90 dBm			M2	1		2.4 GHz	-38.94 dBm			M3	1		2.39 GHz	-57.65 dBm			M4	1		2.31 GHz	-59.68 dBm			M5	1		2.399925 GHz	-40.35 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
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M5	1		2.399925 GHz	-40.35 dBm																																									
CH11	 <p>Spectrum</p> <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>1PK Max</p> <p>M1[1] -6.92 dBm 2.4591200 GHz M2[1] -56.76 dBm 2.4835000 GHz M3 -57.96 dBm 2.5 GHz M4 -55.57 dBm 2.4835826 GHz</p> <p>D1 -26.920 dBm</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>2.45912 GHz</td> <td>-6.92 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-57.96 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.4835826 GHz</td> <td>-55.57 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:43:41</p>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.45912 GHz	-6.92 dBm			M2	1		2.4835 GHz	-56.76 dBm			M3	1		2.5 GHz	-57.96 dBm			M4	1		2.4835826 GHz	-55.57 dBm									
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
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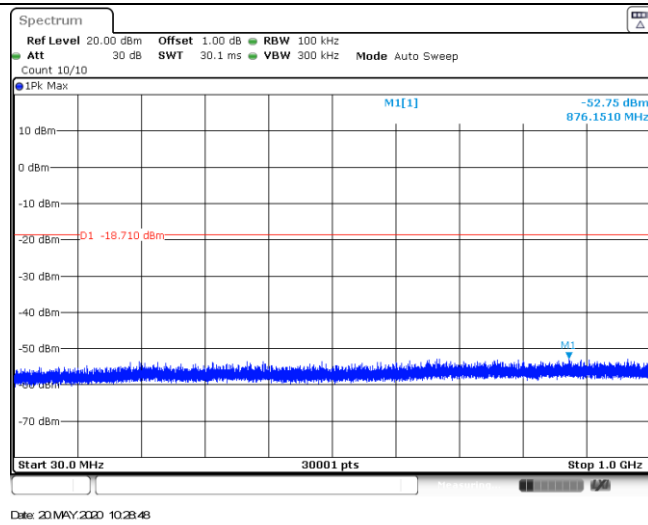
Test Item:	Bandedge	Type:	802.11 n(HT40)																																										
CH03		 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 303.4 μs VBW 300 kHz Mode Auto FFT Count 300/300</p> <p>Start 2.31 GHz 691 pts Stop 2.442 GHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</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>2.4186 GHz</td> <td>-10.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-39.19 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-55.16 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-58.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399913 GHz</td> <td>-43.05 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:52:55</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.4186 GHz	-10.29 dBm			M2	1		2.4 GHz	-39.19 dBm			M3	1		2.39 GHz	-55.16 dBm			M4	1		2.31 GHz	-58.18 dBm			M5	1		2.399913 GHz	-43.05 dBm			802.11 n(HT40)
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.4186 GHz	-10.29 dBm																																									
M2	1		2.4 GHz	-39.19 dBm																																									
M3	1		2.39 GHz	-55.16 dBm																																									
M4	1		2.31 GHz	-58.18 dBm																																									
M5	1		2.399913 GHz	-43.05 dBm																																									
CH09		 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.1 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>Start 2.432 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>2.444252 GHz</td> <td>-10.15 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-53.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-53.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.4921159 GHz</td> <td>-51.92 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 20 MAY 2020 10:57:43</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.444252 GHz	-10.15 dBm			M2	1		2.4835 GHz	-53.24 dBm			M3	1		2.5 GHz	-53.82 dBm			M4	1		2.4921159 GHz	-51.92 dBm			802.11 n(HT40)							
Type	Ref	Trc	X-value	Y-value	Function	Function Result																																							
M1	1		2.444252 GHz	-10.15 dBm																																									
M2	1		2.4835 GHz	-53.24 dBm																																									
M3	1		2.5 GHz	-53.82 dBm																																									
M4	1		2.4921159 GHz	-51.92 dBm																																									

Test Item:	SE	Type:	802.11b
<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 1.76 dBm 2.4114790 GHz CF 2.412 GHz 691 pts Span 30.0 MHz Date: 20.MAY.2020 10:23:19</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 -52.34 dBm 825.2930 MHz D1 -18.240 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 20.MAY.2020 10:23:34</p>	
<p>CH01 1GHz~26GHz</p>		<p>Spectrum Ref Level 26.00 dBm Offset 1.00 dB RBW 100 kHz Att 35 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1Pk Max -40.41 dBm 15.130000 GHz D1 -18.240 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 20.MAY.2020 10:23:50</p>	

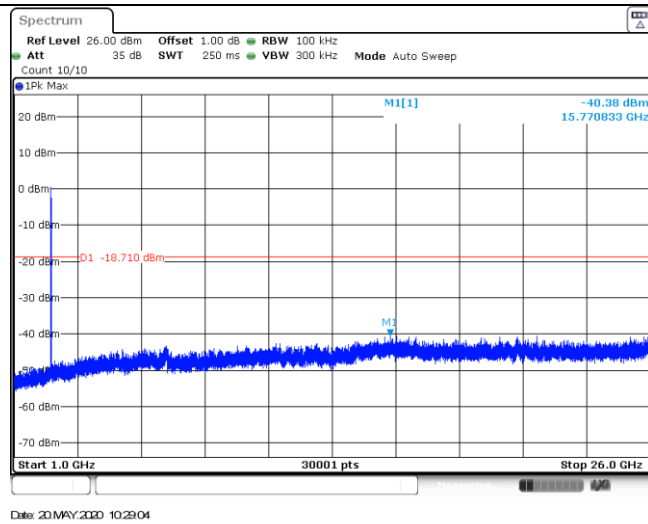
CH06
Reference level



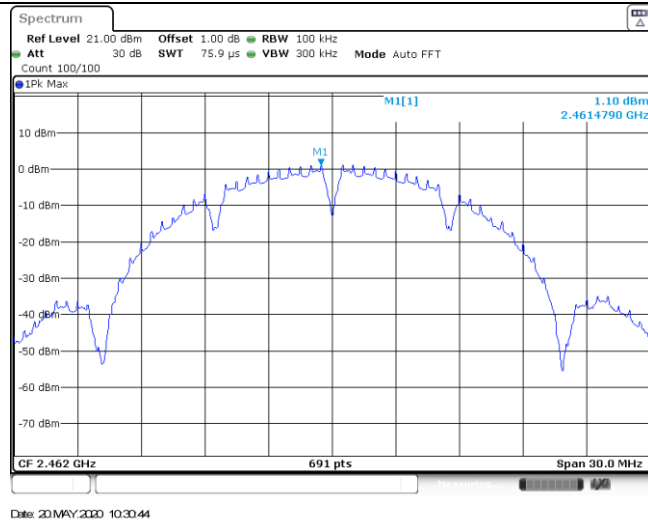
CH06
30MHz~1000MHz



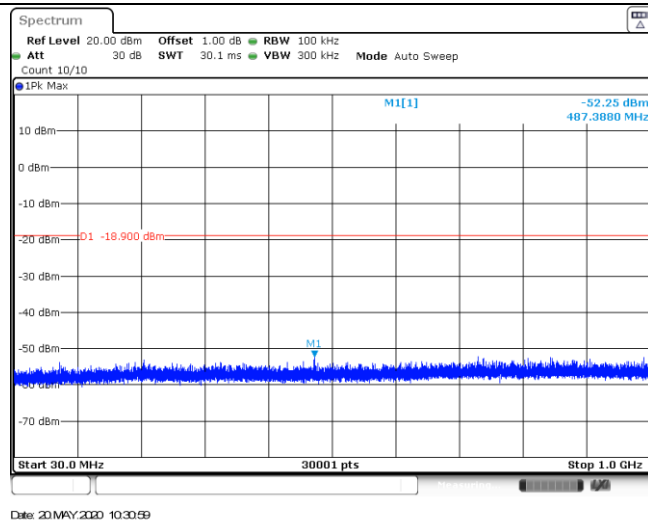
CH06
1GHz~26GHz



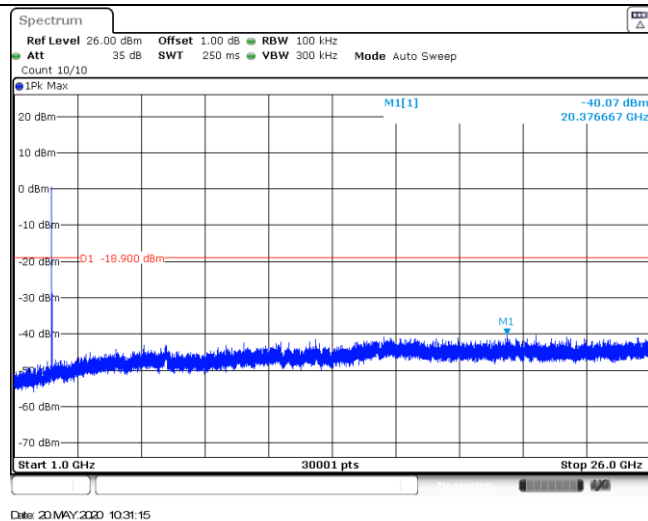
CH11
Reference level

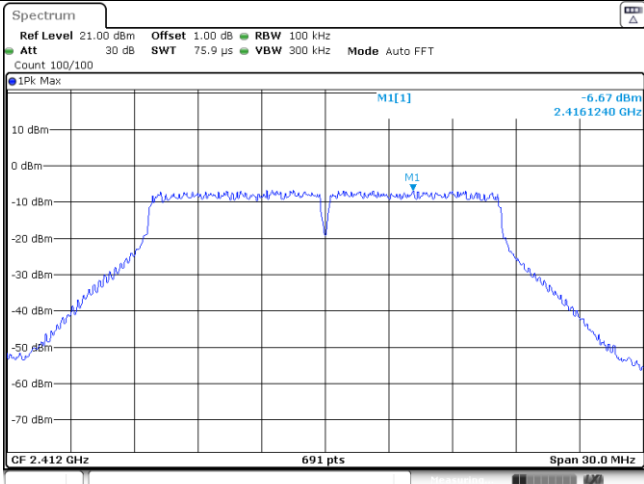
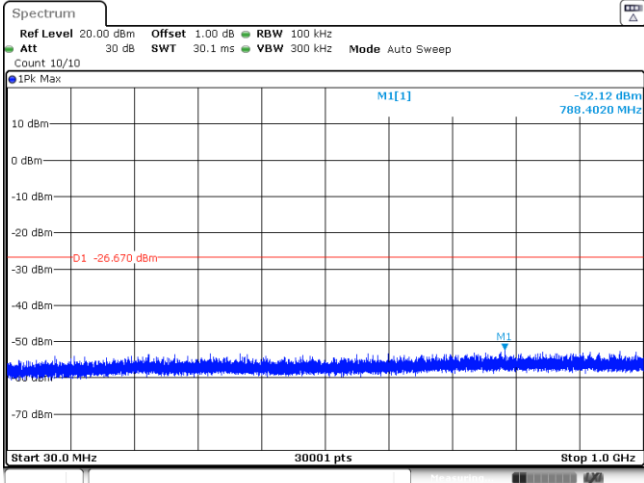
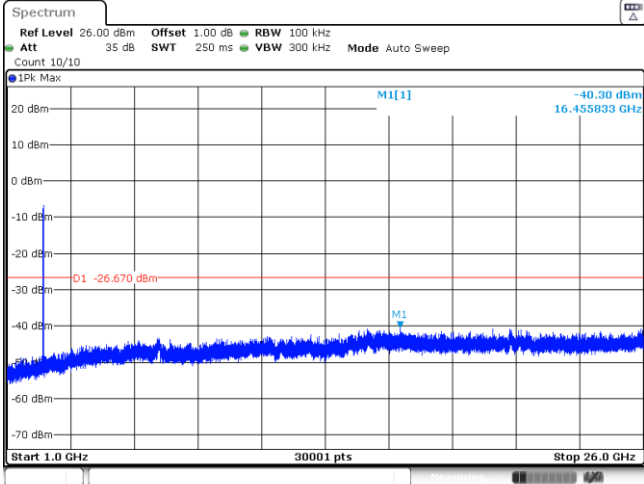


CH11
30MHz~1000MHz

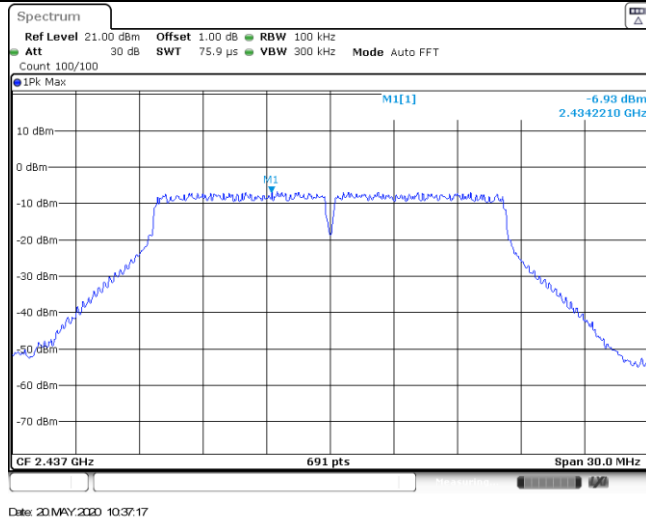


CH11
1GHz~26GHz

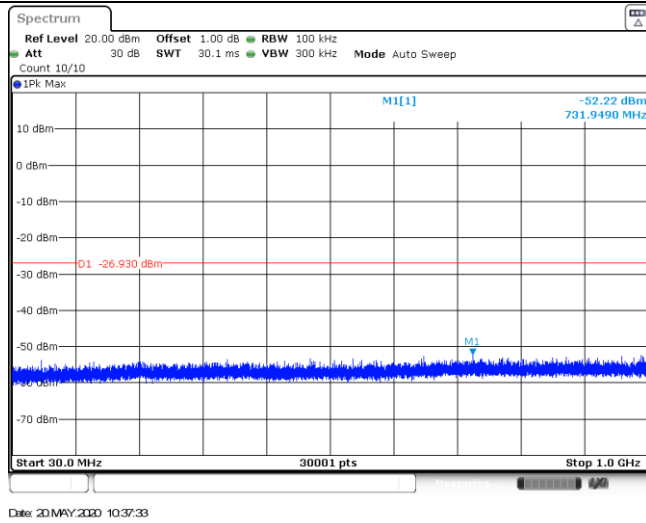


Test Item:	SE	Type:	802.11g
<p>CH01 Reference level</p>			
<p>CH01 30MHz~1000MHz</p>			
<p>CH01 1GHz~26GHz</p>			

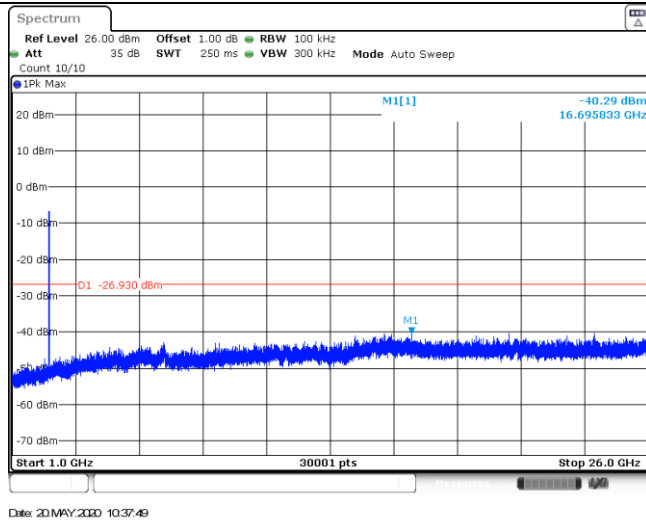
CH06
Reference level



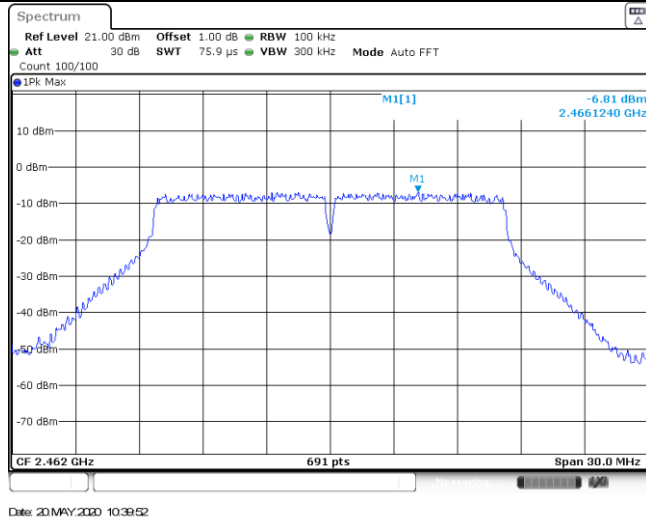
CH06
30MHz~1000MHz



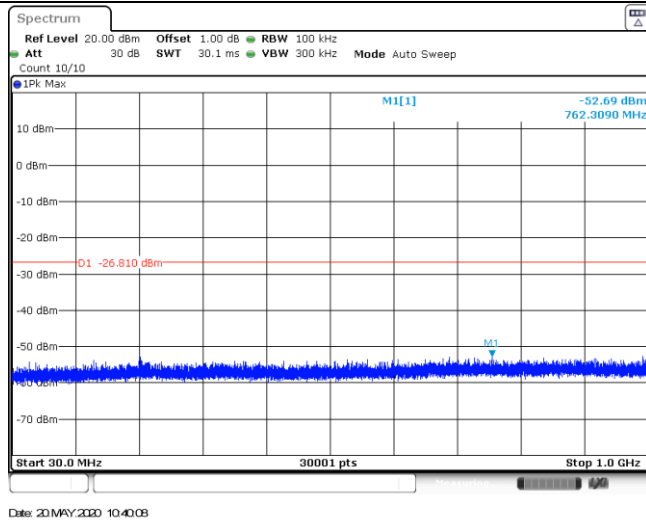
CH06
1GHz~26GHz



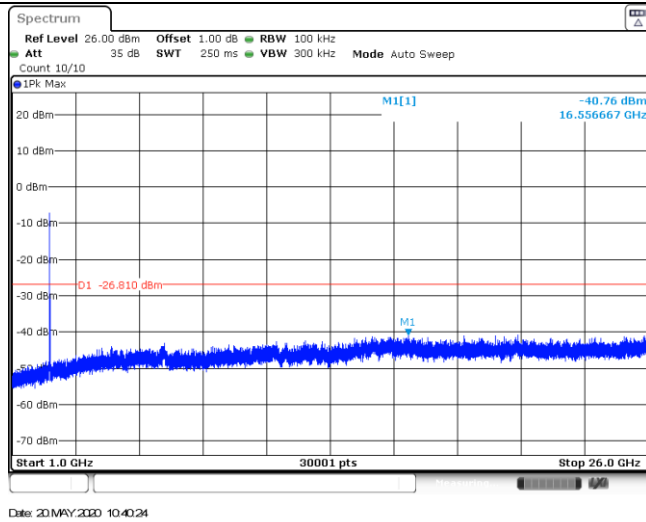
CH11
Reference level

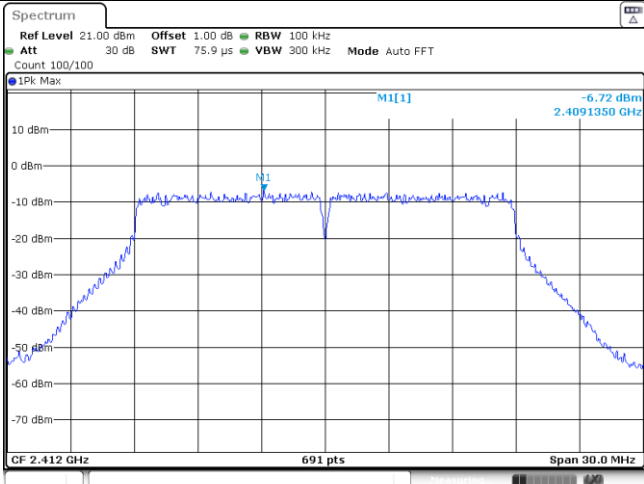
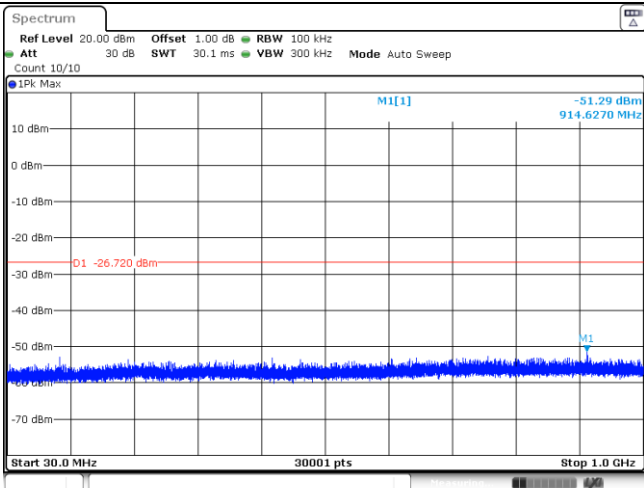
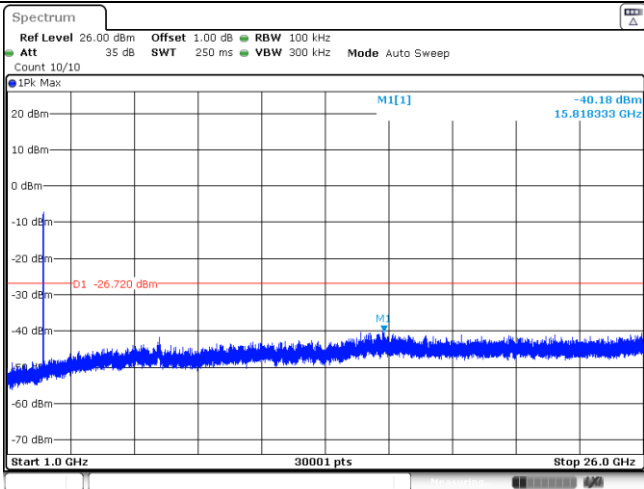


CH11
30MHz~1000MHz



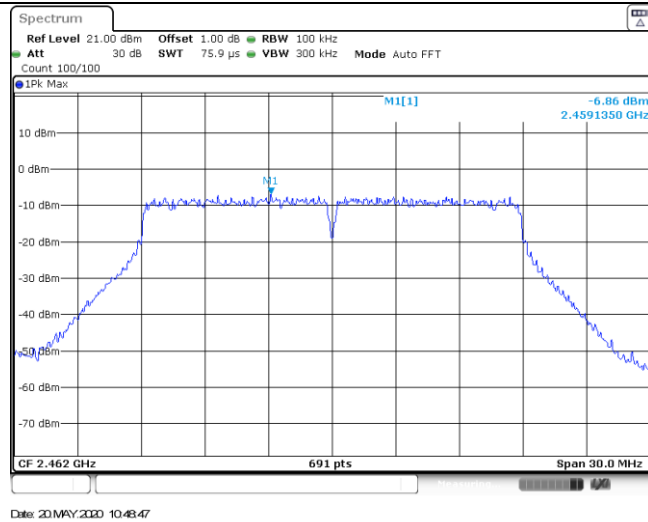
CH11
1GHz~26GHz



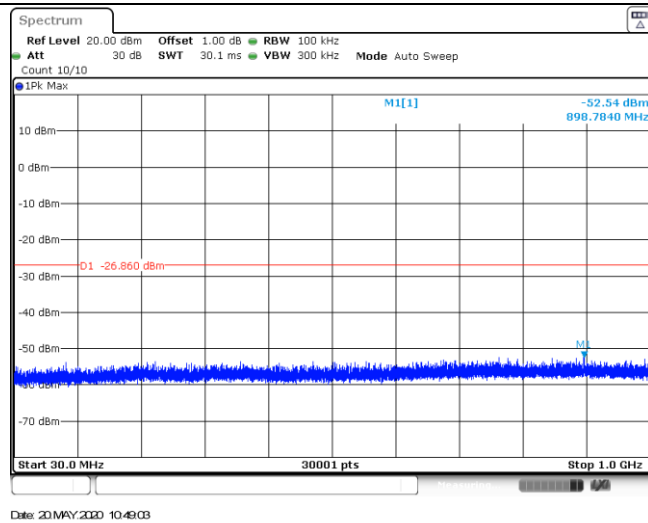
Test Item:	SE	Type:	802.11n(HT20)
<p>CH01 Reference level</p>		 <p>Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 CF 2.412 GHz 691 pts Span 30.0 MHz Date: 20.MAY.2020 10:44:01</p>	
<p>CH01 30MHz~1000MHz</p>		 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 20.MAY.2020 10:44:17</p>	
<p>CH01 1GHz~26GHz</p>		 <p>Ref Level 26.00 dBm Offset 1.00 dB RBW 100 kHz Att 35 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 20.MAY.2020 10:44:33</p>	

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

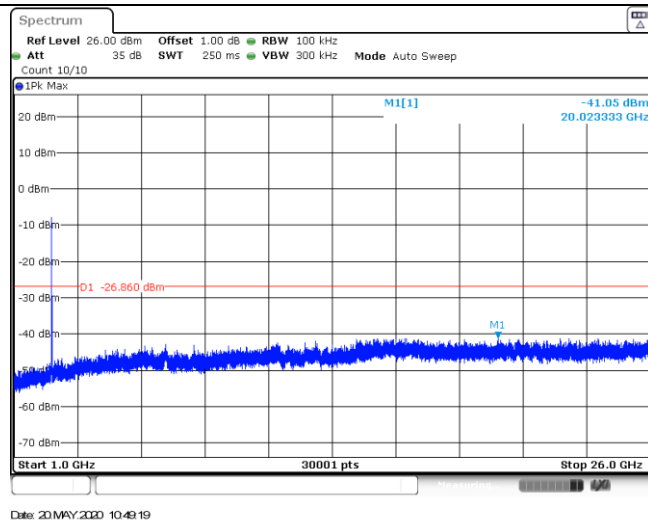
CH11
Reference level

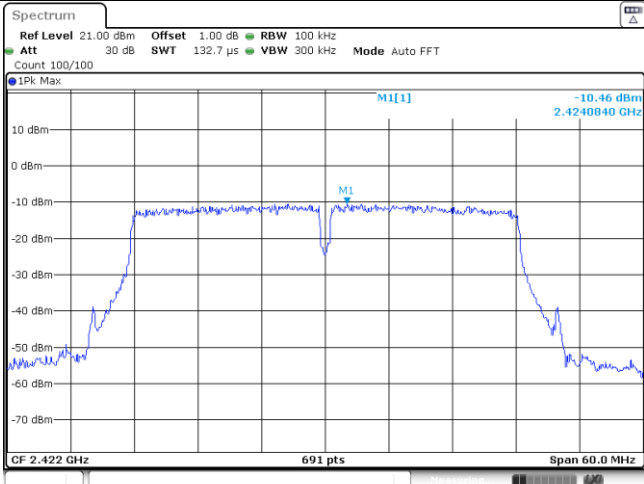
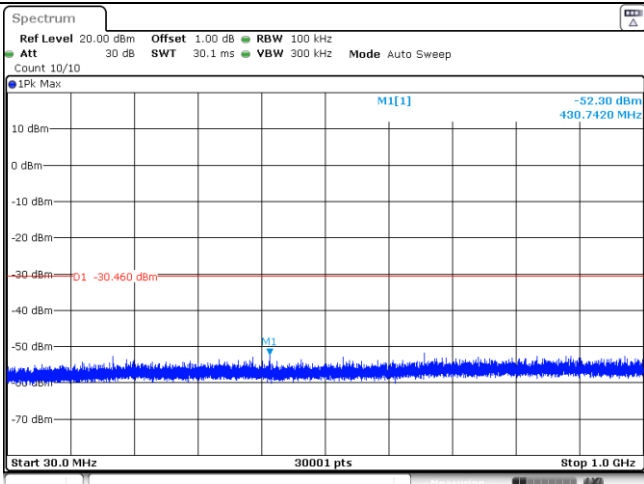
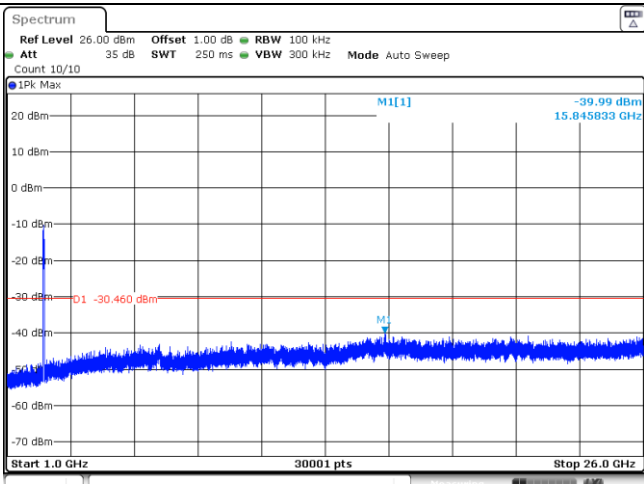


CH11
30MHz~1000MHz

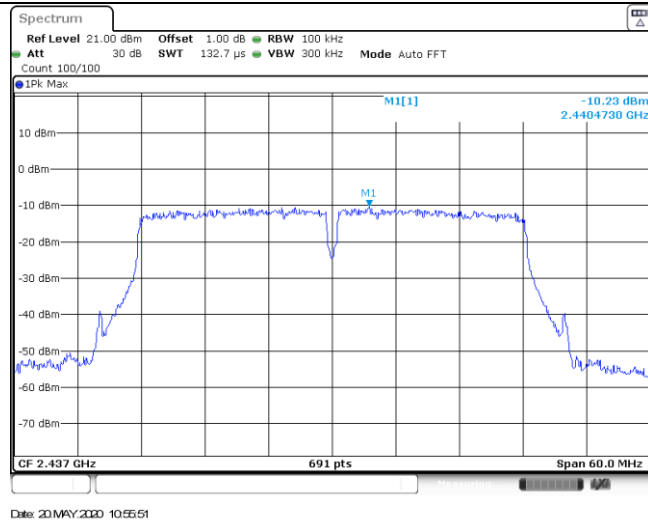


CH11
1GHz~26GHz

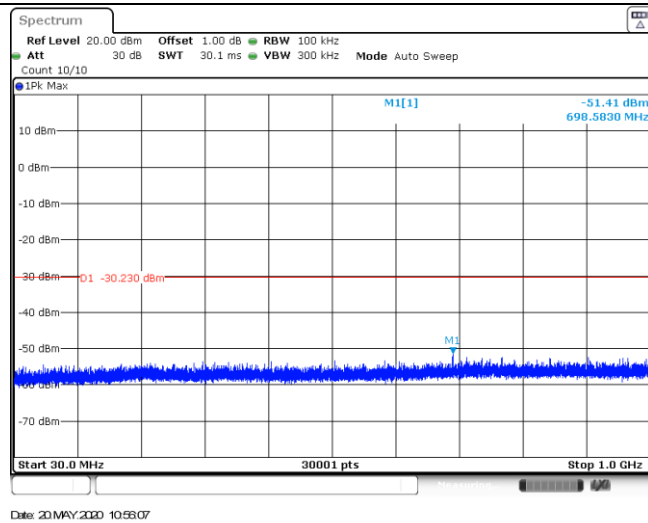


Test Item:	SE	Type:	802.11n(HT40)
<p>CH03 Reference level</p>			
<p>CH03 30MHz~1000MHz</p>			
<p>CH03 1GHz~26GHz</p>			

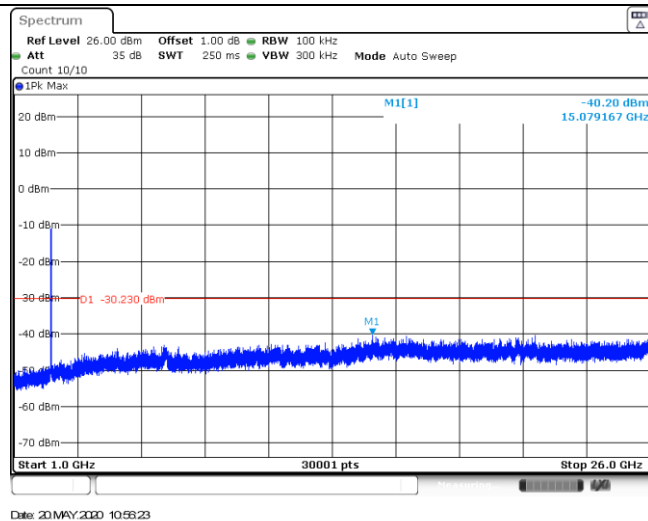
CH06
Reference level



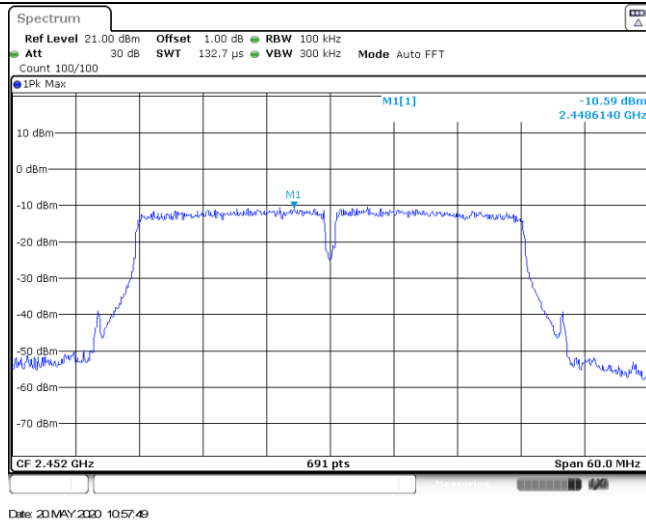
CH06
30MHz~1000MHz



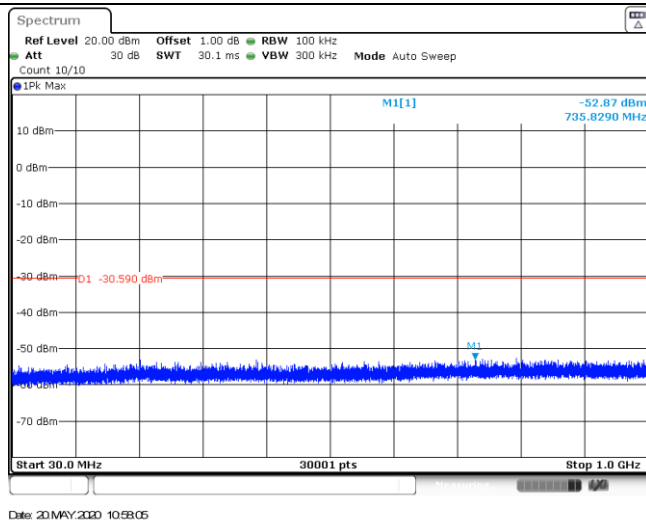
CH06
1GHz~26GHz



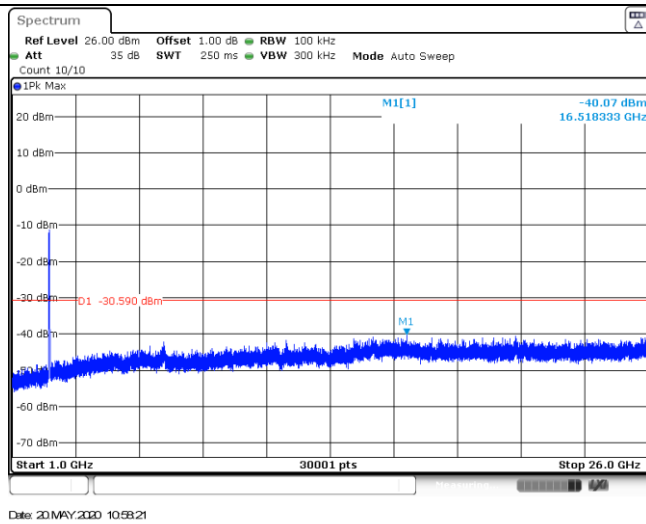
CH09
Reference level



CH09
30MHz~1000MHz



CH09
1GHz~26GHz



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