

APPENDIX REPORT

Project No.	SHT2001035304EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT20010353003	Model No.	DSJ-K9
Start test date	2020/2/28	Finish date	2020/2/28
Temperature	25°C	Humidity	50%
Test Engineer	Jinyue.Yan	Auditor	<i>William.wang</i>

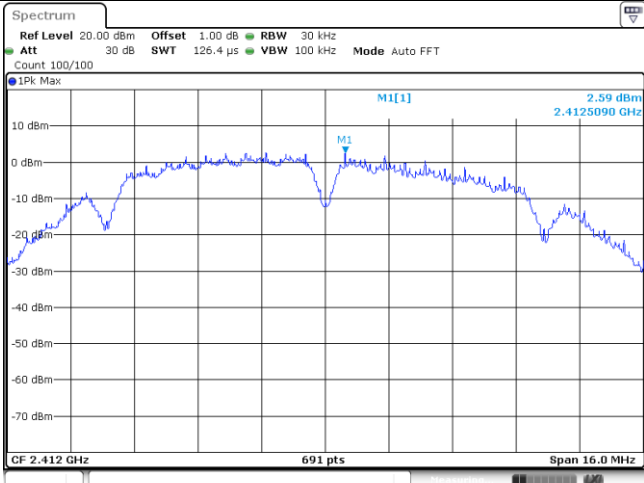
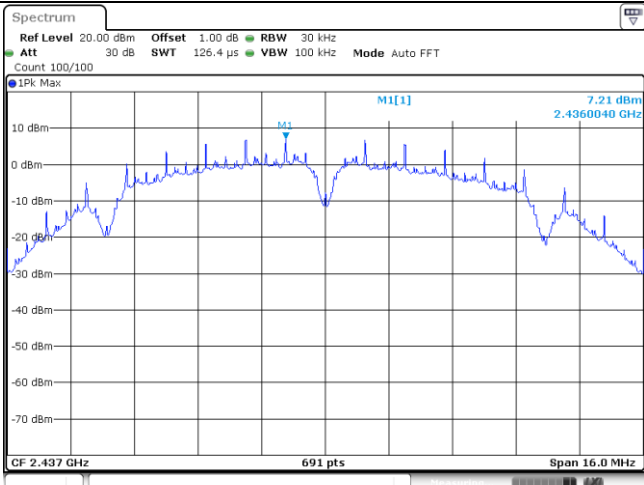
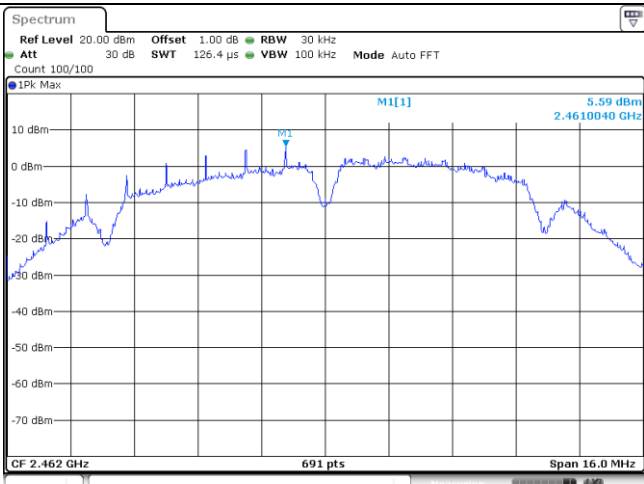
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
F	Band edge and Spurious Emissions (conducted)	PASS

Appendix A: Conducted Peak Output Power

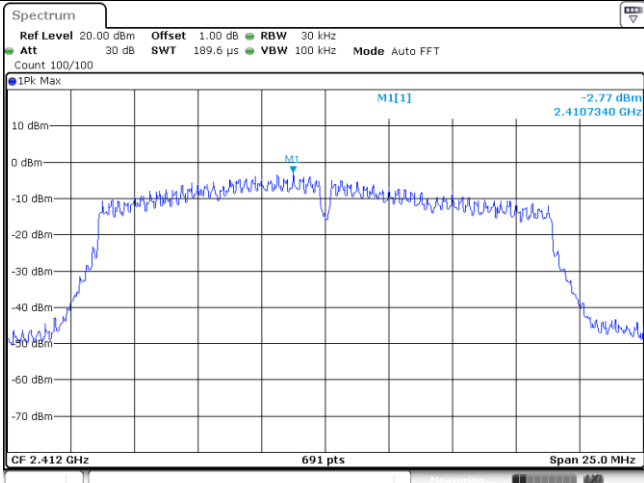
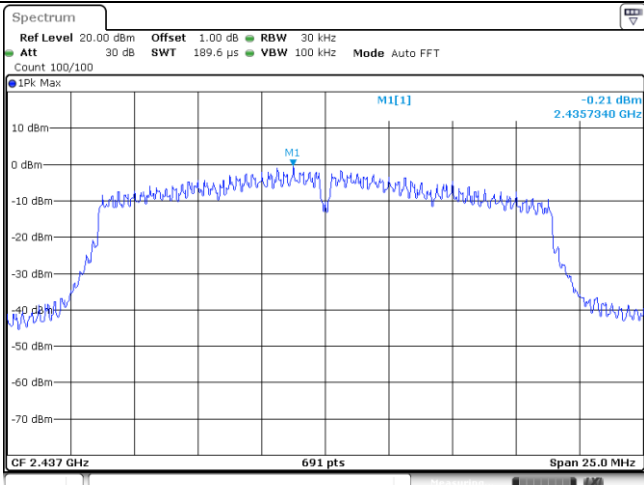
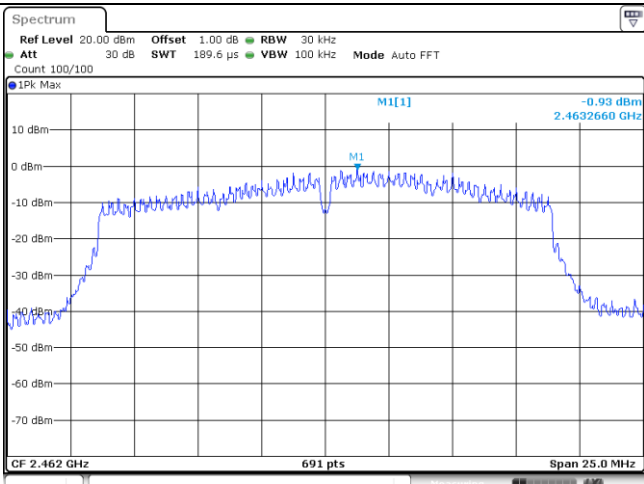
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	17.67	15.51	≤30.00	Pass
	06	18.20	16.06		
	11	17.82	15.66		
802.11g	01	18.80	15.19	≤30.00	Pass
	06	21.22	17.16		
	11	21.11	17.52		
802.11n(HT20)	01	18.62	15.57	≤30.00	Pass
	06	21.17	17.41		
	11	21.07	17.51		
802.11n(HT40)	03	20.40	16.17	≤30.00	Pass
	06	21.52	17.62		
	09	20.37	16.03		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	2.59	≤8.00	Pass
	06	7.21		
	11	5.59		
802.11g	01	-2.97	≤8.00	Pass
	06	-0.82		
	11	-0.27		
802.11n(HT20)	01	-2.77	≤8.00	Pass
	06	-0.21		
	11	-0.93		
802.11n(HT40)	03	-5.80	≤8.00	Pass
	06	-2.92		
	09	-5.40		

Type:		802.11 b
CH01	 <p>Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 30 kHz SWT 126.4 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max M1 M1[1] 2.59 dBm 2.4125090 GHz</p> <p>CF 2.412 GHz 691 pts Span 16.0 MHz</p> <p>Date: 28 FEB 2020 16:37:56</p>	
CH06	 <p>Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 30 kHz SWT 126.4 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max M1 M1[1] 7.21 dBm 2.4360040 GHz</p> <p>CF 2.437 GHz 691 pts Span 16.0 MHz</p> <p>Date: 28 FEB 2020 16:40:15</p>	
CH11	 <p>Ref Level 20.00 dBm Att 30 dB Offset 1.00 dB RBW 30 kHz SWT 126.4 μs VBW 100 kHz Mode Auto FFT Count 100/100</p> <p>IPK Max M1 M1[1] 5.59 dBm 2.4610040 GHz</p> <p>CF 2.462 GHz 691 pts Span 16.0 MHz</p> <p>Date: 28 FEB 2020 16:42:08</p>	

Type:		802.11 g
CH01	<p>CF 2.412 GHz 691 pts Span 25.0 MHz</p> <p>Date: 28 FEB 2020 16:44:18</p>	
CH06	<p>CF 2.437 GHz 691 pts Span 25.0 MHz</p> <p>Date: 28 FEB 2020 16:46:38</p>	
CH11	<p>CF 2.462 GHz 691 pts Span 25.0 MHz</p> <p>Date: 28 FEB 2020 16:48:55</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] -2.77 dBm 2.4107340 GHz</p> <p>CF 2.412 GHz 691 pts Span 25.0 MHz</p> <p>Date: 28 FEB 2020 16:51:36</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] -0.21 dBm 2.4357340 GHz</p> <p>CF 2.437 GHz 691 pts Span 25.0 MHz</p> <p>Date: 28 FEB 2020 16:53:46</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] -0.93 dBm 2.4632660 GHz</p> <p>CF 2.462 GHz 691 pts Span 25.0 MHz</p> <p>Date: 28 FEB 2020 16:55:36</p>	

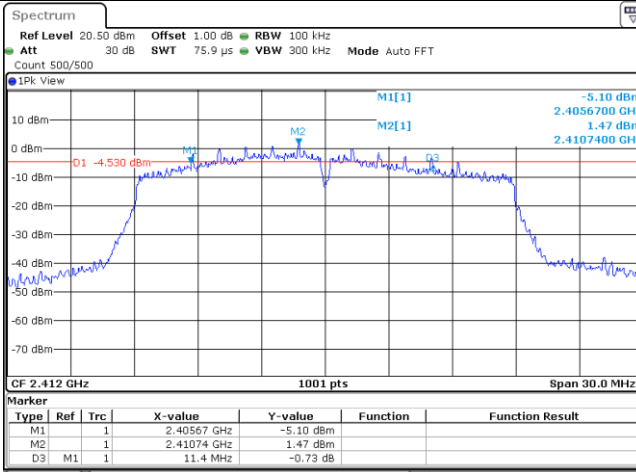
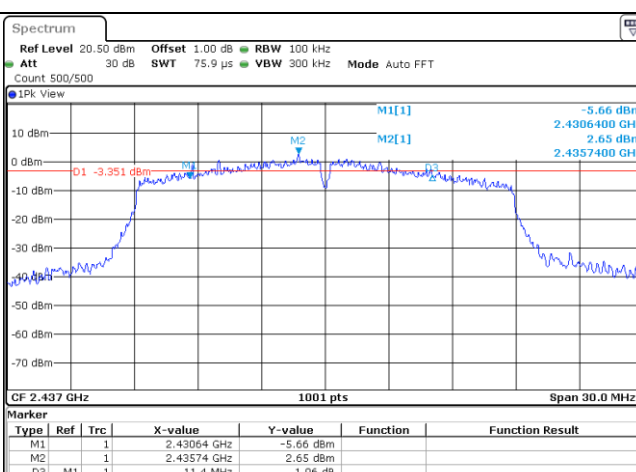
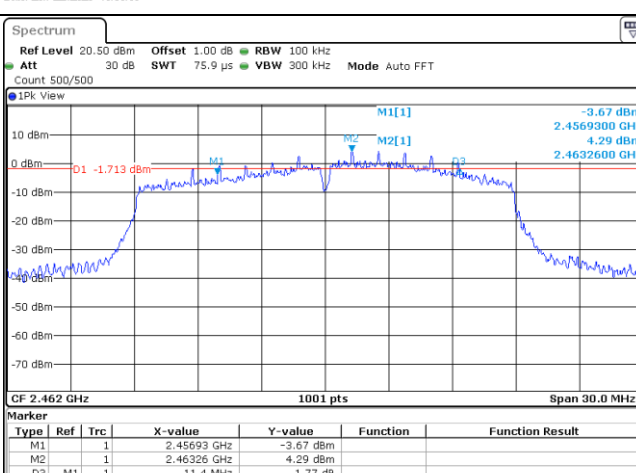
Type:		802.11n(HT40)
CH03	<p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 442.4 μs VBW 100 kHz Mode Auto FFT Count 100/100 -IPK Max -5.80 dBm 2.4351330 GHz CF 2.422 GHz 691 pts Span 55.0 MHz Date: 28 FEB 2020 16:57:19 </p>	
CH06	<p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 442.4 μs VBW 100 kHz Mode Auto FFT Count 100/100 -IPK Max -9.92 dBm 2.4357260 GHz CF 2.437 GHz 691 pts Span 55.0 MHz Date: 28 FEB 2020 17:07:12 </p>	
CH09	<p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWT 442.4 μs VBW 100 kHz Mode Auto FFT Count 100/100 -IPK Max -5.40 dBm 2.4644960 GHz CF 2.452 GHz 691 pts Span 55.0 MHz Date: 28 FEB 2020 17:10:07 </p>	

Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	8.61	≥0.5	Pass
	06	8.61		
	11	8.64		
802.11g	01	11.40	≥0.5	Pass
	06	12.99		
	11	8.91		
802.11n(HT20)	01	11.40	≥0.5	Pass
	06	11.40		
	11	11.40		
802.11n(HT40)	03	35.28	≥0.5	Pass
	06	17.64		
	09	35.22		

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 IPK View</p> <p>10 dBm 0 dBm -0.123 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 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>2.40696 GHz</td> <td>-0.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.40999 GHz</td> <td>6.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.61 MHz</td> <td>-1.56 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 16:37:04</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40696 GHz	-0.38 dBm			M2		1	2.40999 GHz	6.12 dBm			D3	M1	1	8.61 MHz	-1.56 dB		
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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 IPK View</p> <p>10 dBm 0 dBm -0.225 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</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>2.43244 GHz</td> <td>-0.81 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.43751 GHz</td> <td>6.23 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.61 MHz</td> <td>0.23 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 16:39:34</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.43244 GHz	-0.81 dBm			M2		1	2.43751 GHz	6.23 dBm			D3	M1	1	8.61 MHz	0.23 dB		
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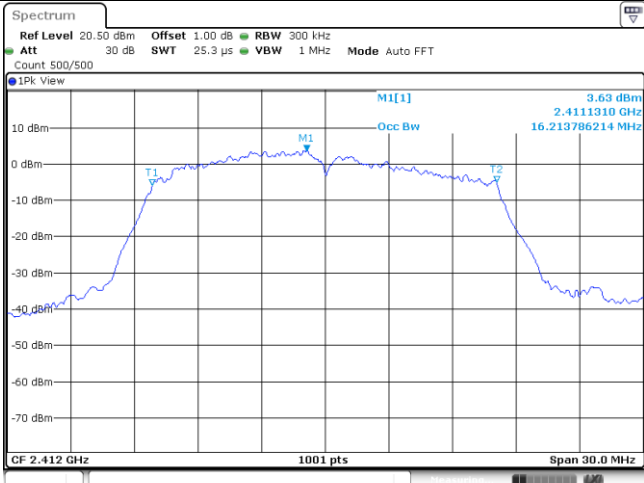
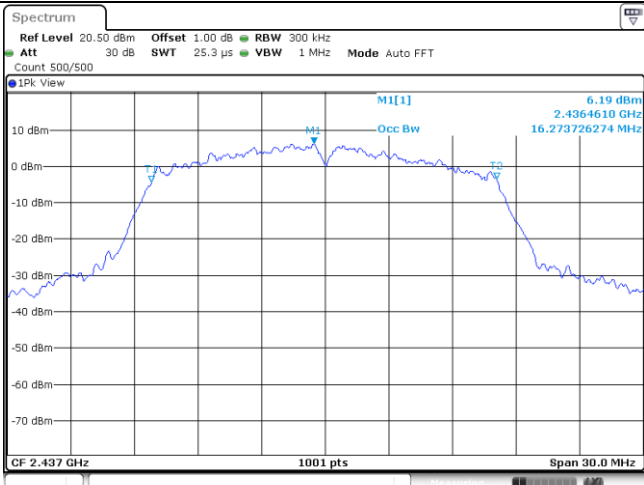
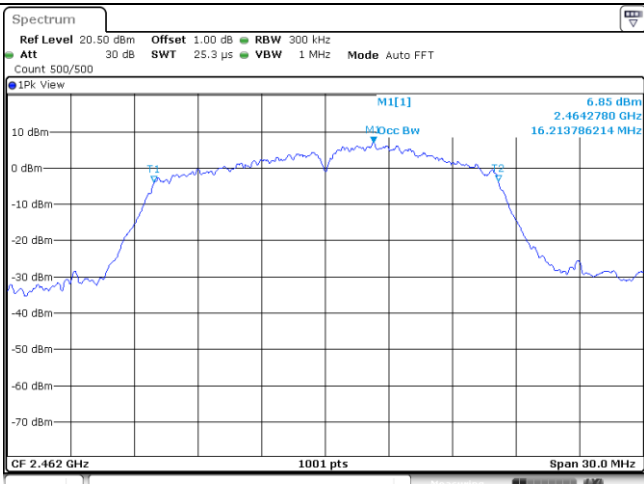
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D3	M1	1	11.4 MHz	1.77 dB																									

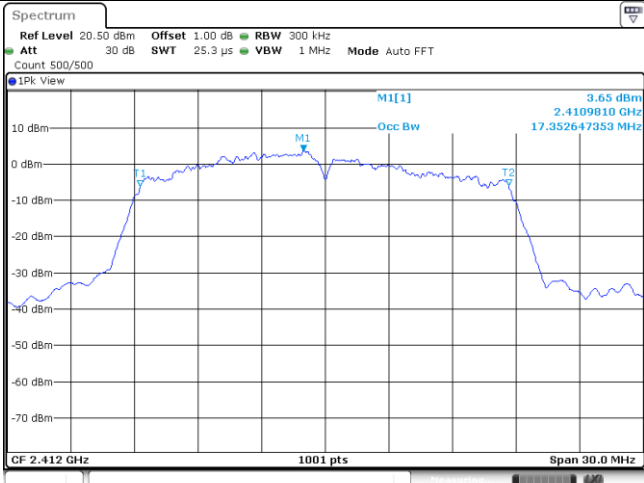
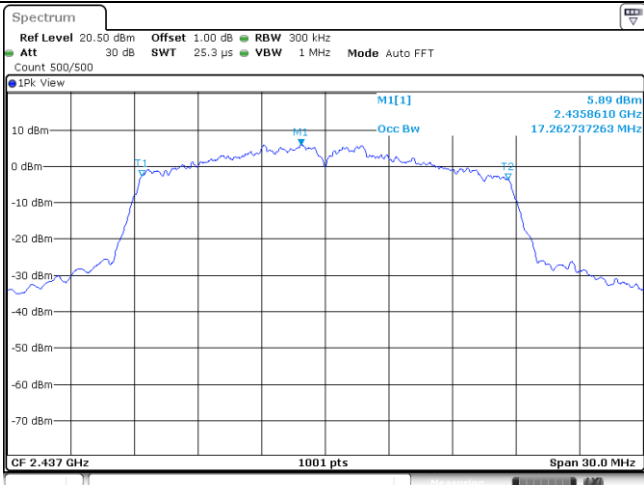
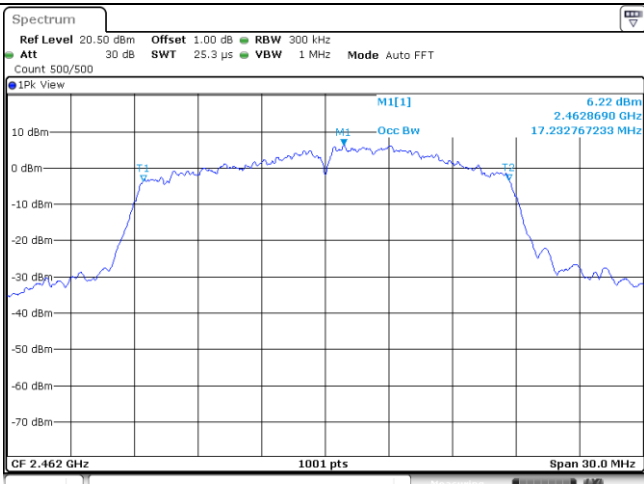
Type:	802.11n(HT40)																												
CH03	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 500/500</p> <p>IPK View</p> <p>M1[1] -10.29 dBm 2.4043600 GHz M2[1] -0.74 dBm 2.4357400 GHz</p> <p>D1 -6.744 dBm</p> <p>CF 2.422 GHz 1001 pts Span 60.0 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>2.40436 GHz</td> <td>-10.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.43574 GHz</td> <td>-0.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.28 MHz</td> <td>1.40 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 16:58:59</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.40436 GHz	-10.29 dBm			M2		1	2.43574 GHz	-0.74 dBm			D3	M1	1	35.28 MHz	1.40 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.40436 GHz	-10.29 dBm																									
M2		1	2.43574 GHz	-0.74 dBm																									
D3	M1	1	35.28 MHz	1.40 dB																									
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> <p>M1[1] -4.83 dBm 2.4256600 GHz M2[1] 1.90 dBm 2.4344800 GHz</p> <p>D1 -4.103 dBm</p> <p>CF 2.437 GHz 1001 pts Span 60.0 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>2.42566 GHz</td> <td>-4.83 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.43448 GHz</td> <td>1.90 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.64 MHz</td> <td>0.50 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 17:08:51</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.42566 GHz	-4.83 dBm			M2		1	2.43448 GHz	1.90 dBm			D3	M1	1	17.64 MHz	0.50 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.42566 GHz	-4.83 dBm																									
M2		1	2.43448 GHz	1.90 dBm																									
D3	M1	1	17.64 MHz	0.50 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> <p>M1[1] -7.02 dBm 2.4343600 GHz M2[1] 0.30 dBm 2.4357400 GHz</p> <p>D1 -5.699 dBm</p> <p>CF 2.452 GHz 1001 pts Span 60.0 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>2.43436 GHz</td> <td>-7.02 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td></td> <td>1</td> <td>2.43574 GHz</td> <td>0.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.22 MHz</td> <td>0.92 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 17:08:13</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	2.43436 GHz	-7.02 dBm			M2		1	2.43574 GHz	0.30 dBm			D3	M1	1	35.22 MHz	0.92 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1		1	2.43436 GHz	-7.02 dBm																									
M2		1	2.43574 GHz	0.30 dBm																									
D3	M1	1	35.22 MHz	0.92 dB																									

Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	12.08	-	Pass
	06	11.99		
	11	11.72		
802.11g	01	16.21	-	Pass
	06	16.27		
	11	16.21		
802.11n(HT20)	01	17.35	-	Pass
	06	17.26		
	11	17.23		
802.11n(HT40)	03	36.02	-	Pass
	06	35.60		
	09	36.20		

Type:		802.11 b
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</p> <p>IPK View</p> <p>6.71 dBm 2.4105010 GHz 12.077922078 MHz</p> <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 28 FEB 2020 16:37:16</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</p> <p>IPK View</p> <p>7.26 dBm 2.4364910 GHz 11.988011988 MHz</p> <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 28 FEB 2020 16:39:43</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</p> <p>IPK View</p> <p>7.28 dBm 2.4634990 GHz 11.718281718 MHz</p> <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 28 FEB 2020 16:41:37</p>	

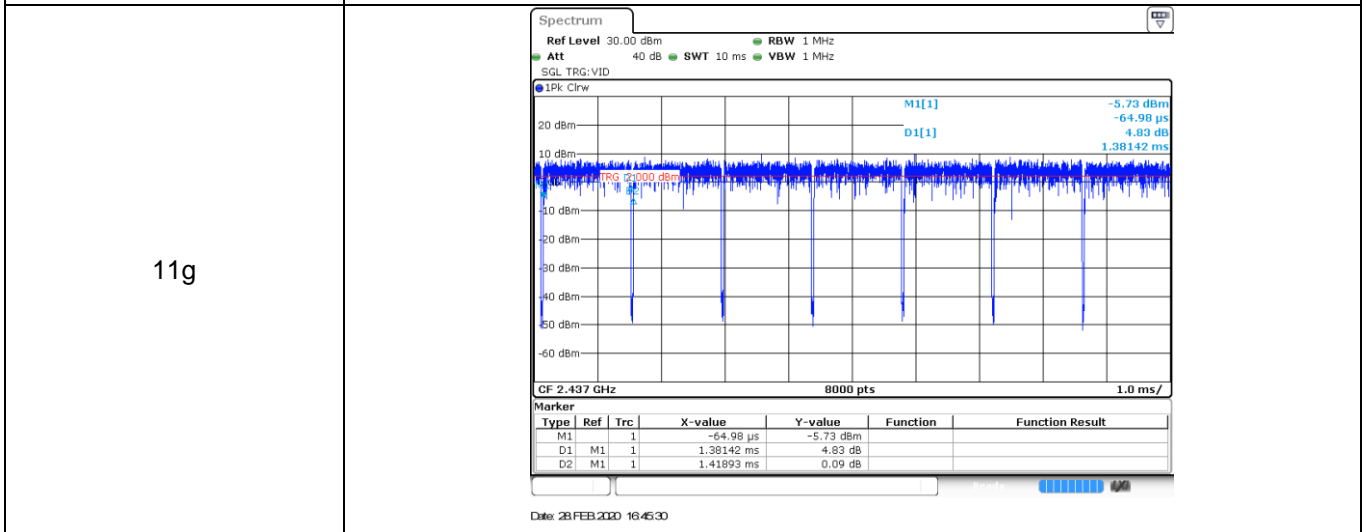
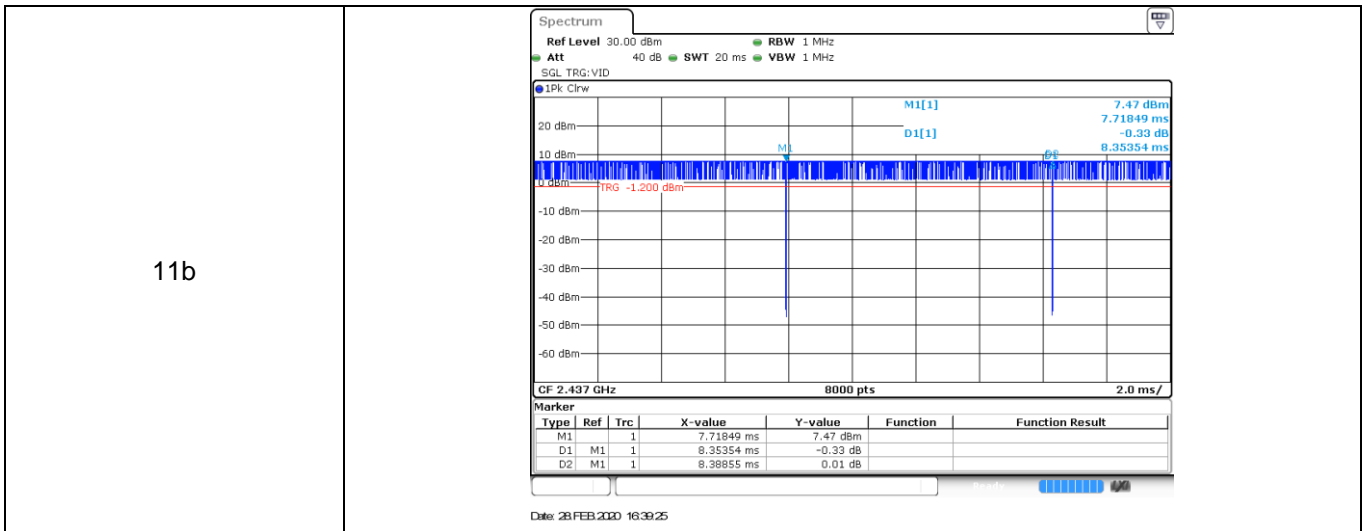
Type:		802.11 g
CH01	 <p>Spectrum plot for CH01. The plot shows a signal peak at 2.4111310 GHz with a power level of 9.63 dBm. The plot includes parameters like Ref Level, Att, Offset, RBW, Mode, and Span.</p>	
CH06	 <p>Spectrum plot for CH06. The plot shows a signal peak at 2.4364610 GHz with a power level of 6.19 dBm. The plot includes parameters like Ref Level, Att, Offset, RBW, Mode, and Span.</p>	
CH11	 <p>Spectrum plot for CH11. The plot shows a signal peak at 2.4642780 GHz with a power level of 6.85 dBm. The plot includes parameters like Ref Level, Att, Offset, RBW, Mode, and Span.</p>	

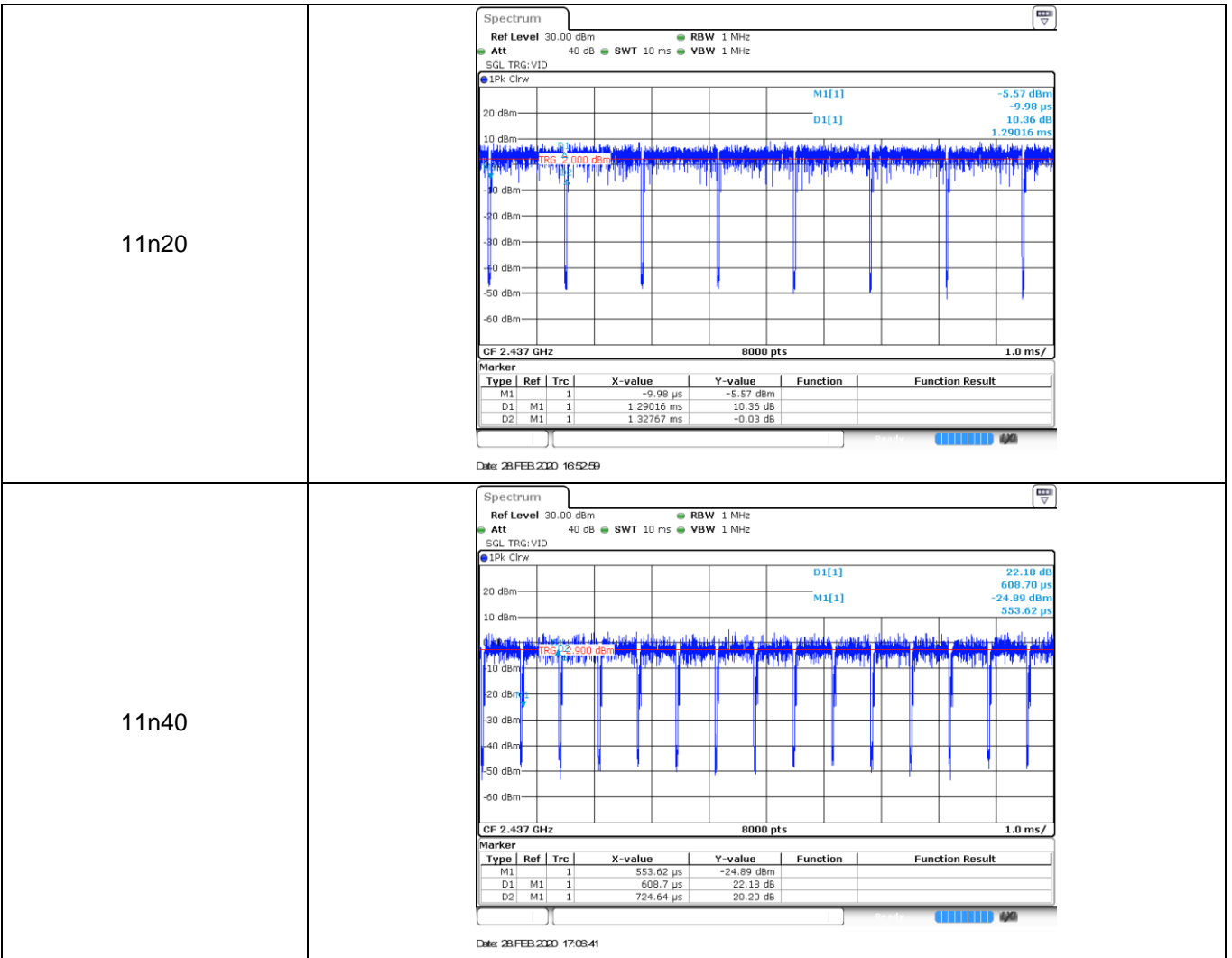
Type:		802.11n(HT20)
CH01	 <p>Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 500/500</p> <p>IPK View</p> <p>M1[1] 9.65 dBm 2.4109810 GHz Occ Bw 17.352647353 MHz</p> <p>CF 2.412 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 28 FEB 2020 16:51:07</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] 5.89 dBm 2.4358610 GHz Occ Bw 17.262737263 MHz</p> <p>CF 2.437 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 28 FEB 2020 16:53:17</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] 6.22 dBm 2.4628690 GHz Occ Bw 17.232767233 MHz</p> <p>CF 2.462 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 28 FEB 2020 16:55:20</p>	

Type:		802.11n(HT40)
CH03		<p> Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 2 MHz Mode Auto Sweep Count 500/500 1PK View 4.56 dBm 2.4086330 GHz 36.023976024 MHz CF 2.422 GHz 1001 pts Span 60.0 MHz Date: 28 FEB 2020 16:57:07 </p>
CH06		<p> Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 2 MHz Mode Auto Sweep Count 500/500 1PK View 6.87 dBm 2.4940030 GHz 35.604395604 MHz CF 2.437 GHz 1001 pts Span 60.0 MHz Date: 28 FEB 2020 17:08:59 </p>
CH09		<p> Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 2 MHz Mode Auto Sweep Count 500/500 1PK View 4.54 dBm 2.4653070 GHz 36.203796204 MHz CF 2.452 GHz 1001 pts Span 60.0 MHz Date: 28 FEB 2020 17:08:21 </p>

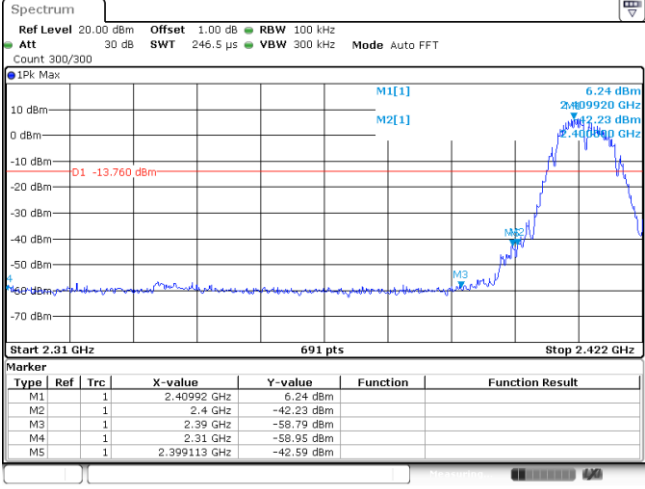

Appendix E: Duty Cycle

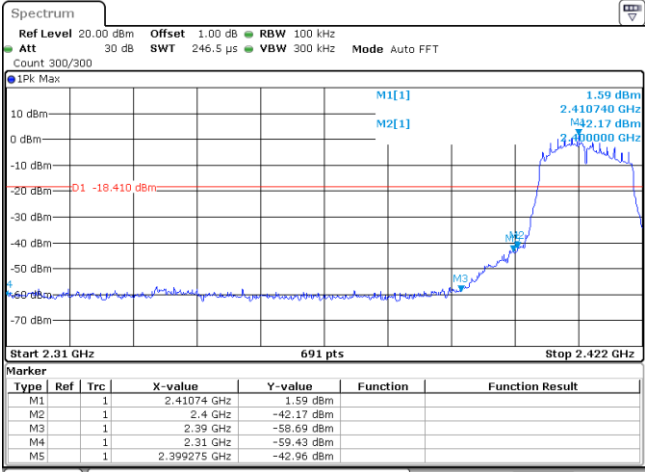
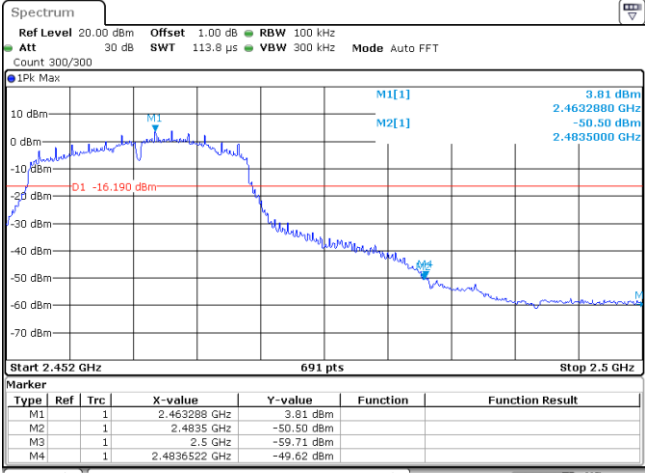
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	8.35	8.39	99.5%	0.1
11g	2437	1.38	1.42	97.2%	0.7
11n20	2437	1.29	1.33	97.0%	0.8
11n40	2437	0.61	0.72	84.7%	1.6

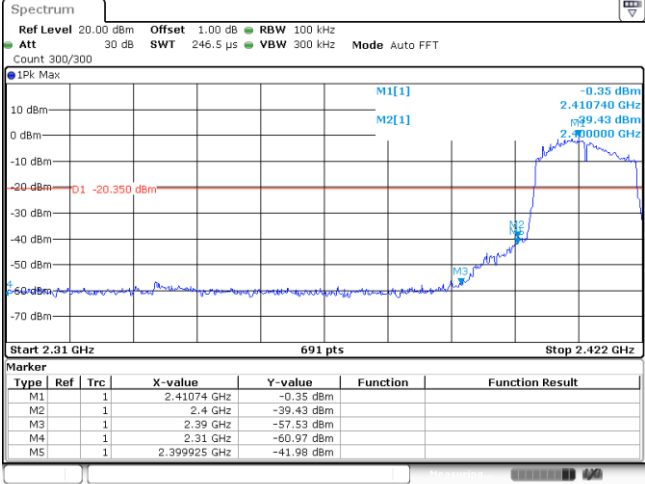




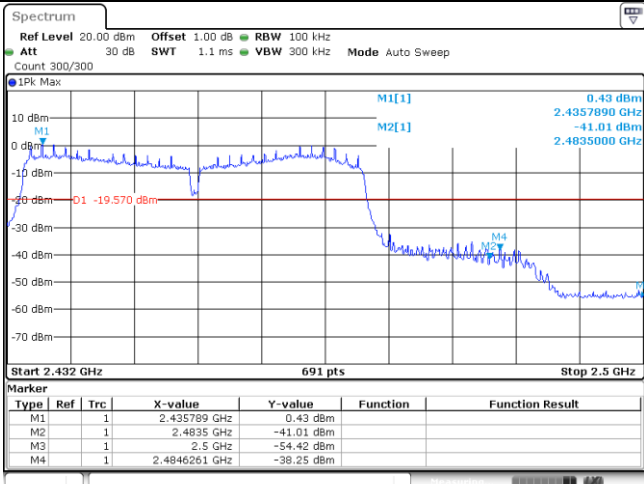


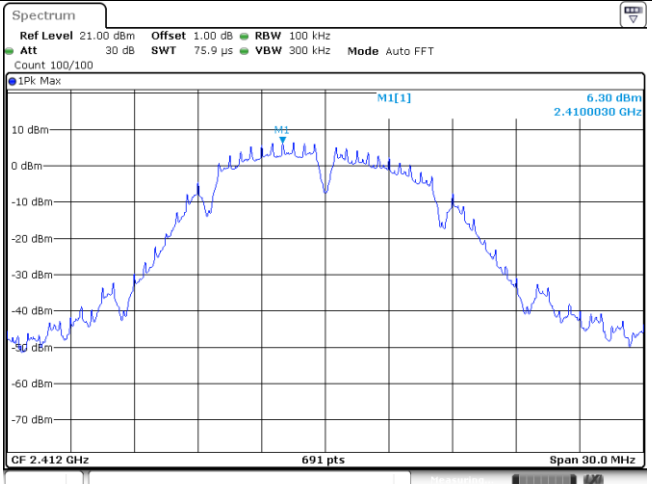
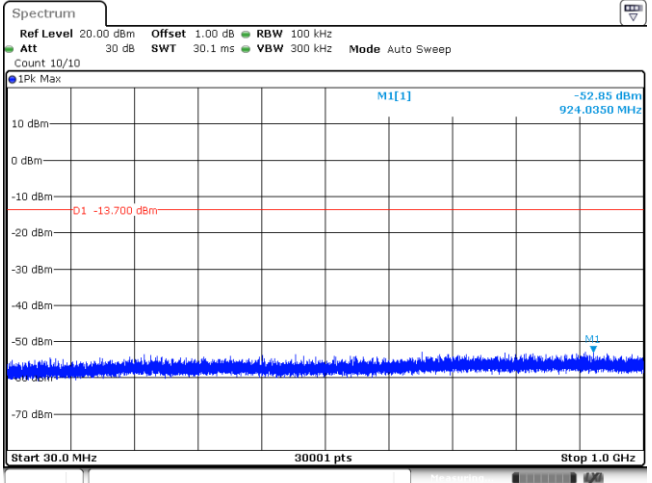
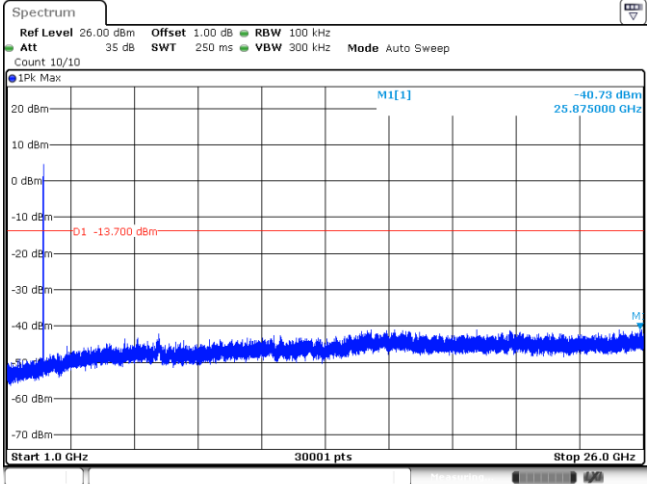
Appendix F: Band edge and Spurious Emissions (conducted)

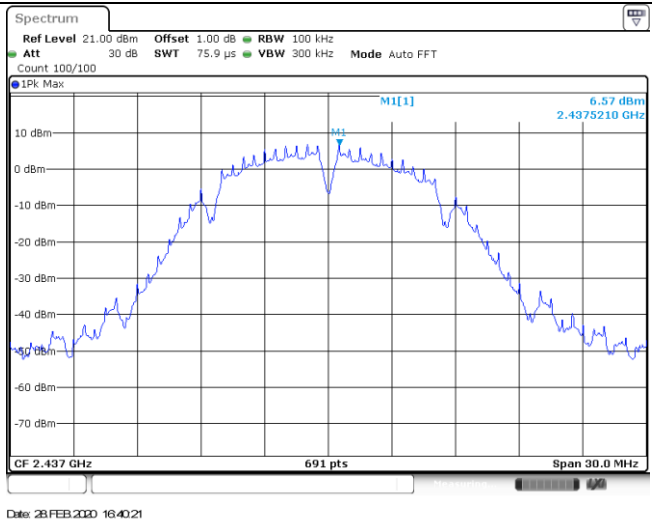
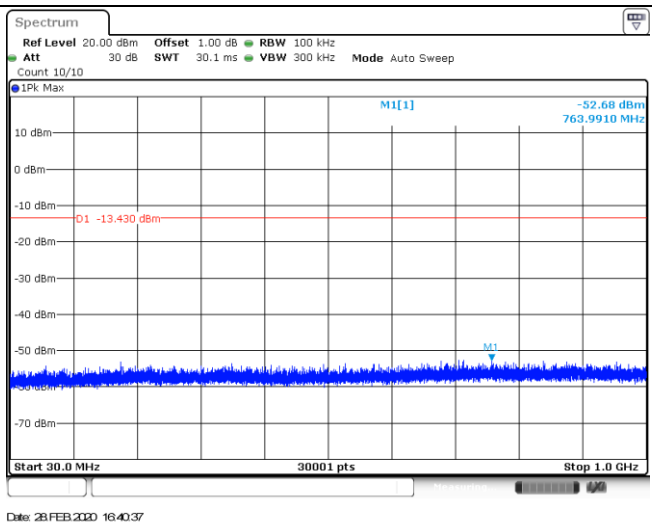
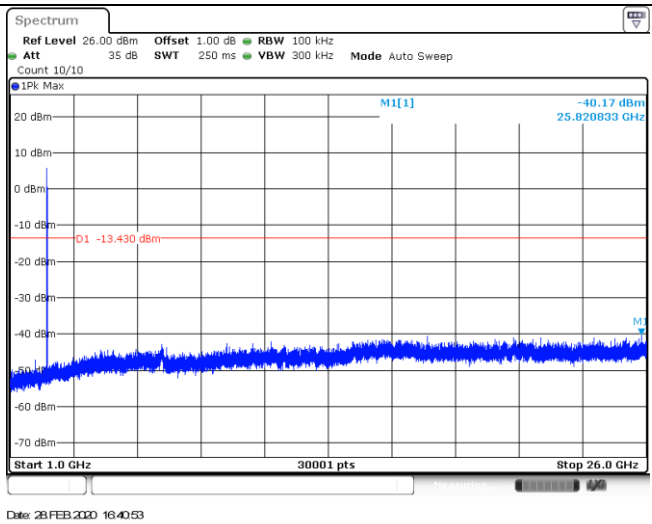
Test Item:	Bandedge	Type:	802.11 b																																																
CH01	 <p>Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1Pk Max Start 2.31 GHz 691 pts Stop 2.422 GHz</p> <table border="1"> <thead> <tr> <th>Marker</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>2.40992 GHz</td> <td>6.24 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td></td> <td>2.4 GHz</td> <td>-42.23 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td></td> <td>2.39 GHz</td> <td>-58.79 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td></td> <td>2.31 GHz</td> <td>-58.95 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td></td> <td>2.39913 GHz</td> <td>-42.59 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 16:38:17</p>			Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.40992 GHz	6.24 dBm			M2	1			2.4 GHz	-42.23 dBm			M3	1			2.39 GHz	-58.79 dBm			M4	1			2.31 GHz	-58.95 dBm			M5	1			2.39913 GHz	-42.59 dBm		
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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>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>2.41074 GHz</td> <td>-1.59 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td></td> <td>2.4 GHz</td> <td>-42.17 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td></td> <td>2.39 GHz</td> <td>-58.69 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td></td> <td>2.31 GHz</td> <td>-59.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td></td> <td>2.399275 GHz</td> <td>-42.96 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 16:44:26</p>	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.41074 GHz	-1.59 dBm			M2	1			2.4 GHz	-42.17 dBm			M3	1			2.39 GHz	-58.69 dBm			M4	1			2.31 GHz	-59.43 dBm			M5	1			2.399275 GHz	-42.96 dBm			
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																												
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Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																																												
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M2	1			2.4835 GHz	-50.50 dBm																																														
M3	1			2.5 GHz	-59.71 dBm																																														
M4	1			2.4836522 GHz	-49.62 dBm																																														

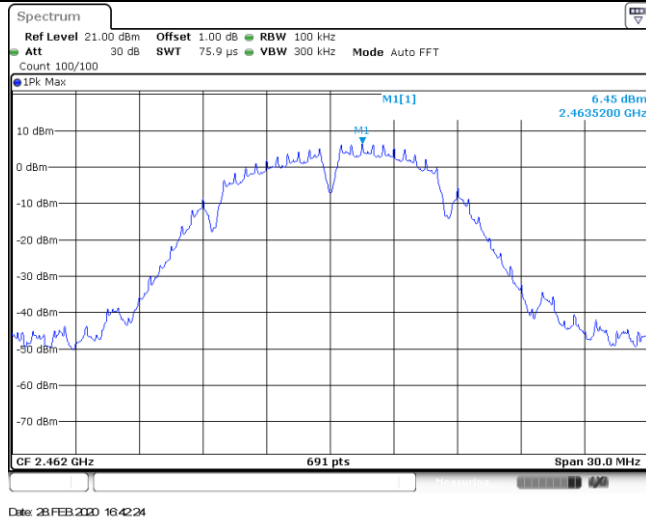
Test Item:	Bandedge	Type:	802.11 n(HT20)																																																
CH01		 <p> Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 246.5 μs VBW 300 kHz Mode Auto FFT Count 300/300 1PK Max Start 2.31 GHz 691 pts Stop 2.422 GHz Date: 28 FEB 2020 16:51:46 </p> <table border="1" data-bbox="687 589 1334 694"> <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>1</td> <td></td> <td>2.41074 GHz</td> <td>-0.35 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-39.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-57.53 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-60.97 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td>1</td> <td></td> <td>2.39925 GHz</td> <td>-41.98 dBm</td> <td></td> <td></td> </tr> </tbody> </table>	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1		2.41074 GHz	-0.35 dBm			M2	1	1		2.4 GHz	-39.43 dBm			M3	1	1		2.39 GHz	-57.53 dBm			M4	1	1		2.31 GHz	-60.97 dBm			M5	1	1		2.39925 GHz	-41.98 dBm			<p>802.11 n(HT20)</p>
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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 Start 2.452 GHz 691 pts Stop 2.5 GHz Date: 28 FEB 2020 17:15:40 </p> <table border="1" data-bbox="687 1131 1334 1236"> <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>1</td> <td></td> <td>2.463288 GHz</td> <td>4.23 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-45.84 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-60.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td>1</td> <td></td> <td>2.483513 GHz</td> <td>-45.84 dBm</td> <td></td> <td></td> </tr> </tbody> </table>	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1		2.463288 GHz	4.23 dBm			M2	1	1		2.4835 GHz	-45.84 dBm			M3	1	1		2.5 GHz	-60.30 dBm			M4	1	1		2.483513 GHz	-45.84 dBm			<p>802.11 n(HT20)</p>								
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M4	1	1		2.483513 GHz	-45.84 dBm																																														

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 299/300</p> <p>Start 2.31 GHz 691 pts Stop 2.442 GHz</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>2.43694 GHz</td> <td>-0.70 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td></td> <td>2.4 GHz</td> <td>-39.07 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td></td> <td>2.39 GHz</td> <td>-43.62 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td></td> <td>2.31 GHz</td> <td>-60.64 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td></td> <td>2.394748 GHz</td> <td>-33.24 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 16:57:29</p>	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.43694 GHz	-0.70 dBm			M2	1			2.4 GHz	-39.07 dBm			M3	1			2.39 GHz	-43.62 dBm			M4	1			2.31 GHz	-60.64 dBm			M5	1			2.394748 GHz	-33.24 dBm			
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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>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>2.435789 GHz</td> <td>0.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td></td> <td>2.4835 GHz</td> <td>-41.01 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td></td> <td>2.5 GHz</td> <td>-54.42 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td></td> <td>2.4846261 GHz</td> <td>-38.25 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 28 FEB 2020 17:09:00</p>	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1			2.435789 GHz	0.43 dBm			M2	1			2.4835 GHz	-41.01 dBm			M3	1			2.5 GHz	-54.42 dBm			M4	1			2.4846261 GHz	-38.25 dBm											
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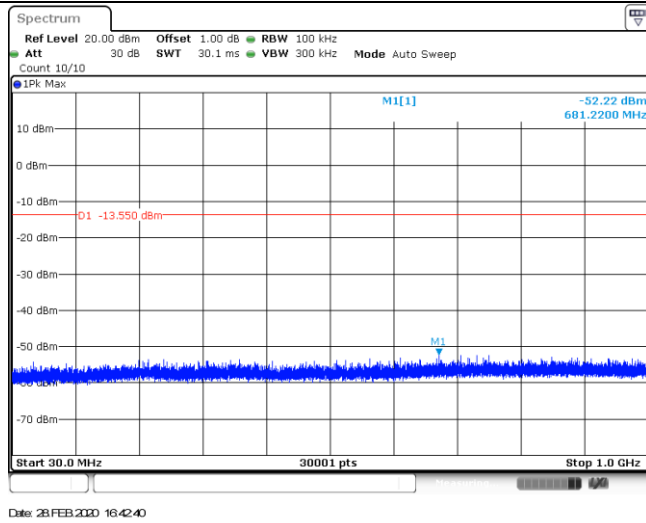
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<p>CH01 30MHz~1000MHz</p>		 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10</p> <p>1Pk Max</p> <p>-52.85 dBm 924.0350 MHz</p> <p>D1 -13.700 dBm</p> <p>Start 30.0 MHz 30001 pts Stop 1.0 GHz</p> <p>Date: 28 FEB 2020 16:38:39</p>	
<p>CH01 1GHz~26GHz</p>		 <p>Spectrum</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</p> <p>1Pk Max</p> <p>-40.73 dBm 25.875000 GHz</p> <p>D1 -13.700 dBm</p> <p>Start 1.0 GHz 30001 pts Stop 26.0 GHz</p> <p>Date: 28 FEB 2020 16:38:55</p>	

<p>CH06 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 6.57 dBm 2.4375210 GHz CF 2.437 GHz 691 pts Span 30.0 MHz Date: 28 FEB 2020 16:40:21</p>
<p>CH06 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 -52.68 dBm 763.9910 MHz D1 -13.430 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 28 FEB 2020 16:40:37</p>
<p>CH06 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 IPK Max -40.17 dBm 25.820833 GHz D1 -13.430 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 28 FEB 2020 16:40:53</p>

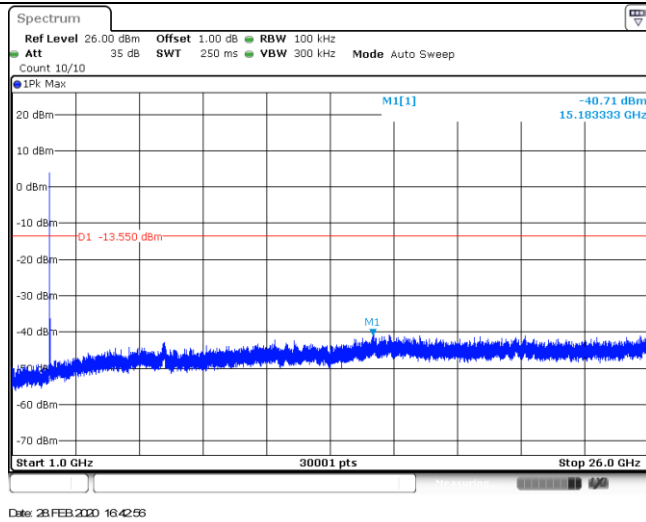
CH11
Reference level



CH11
30MHz~1000MHz



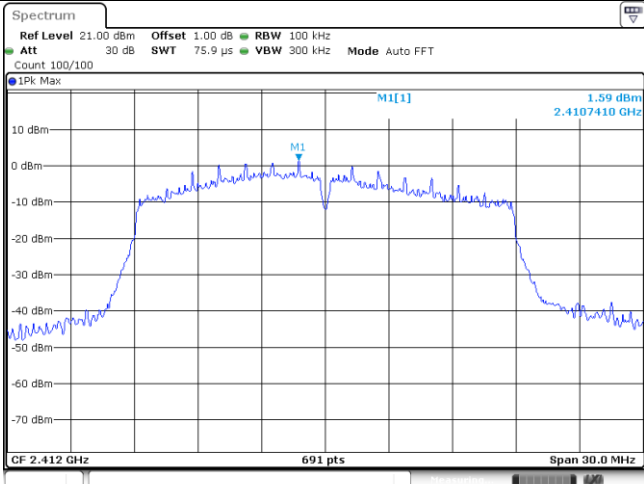
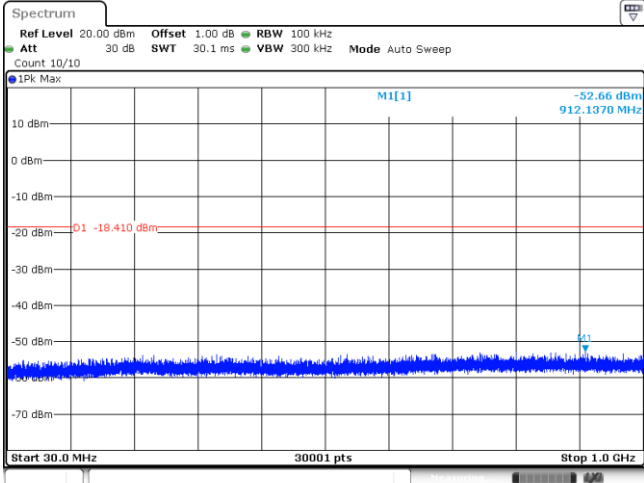
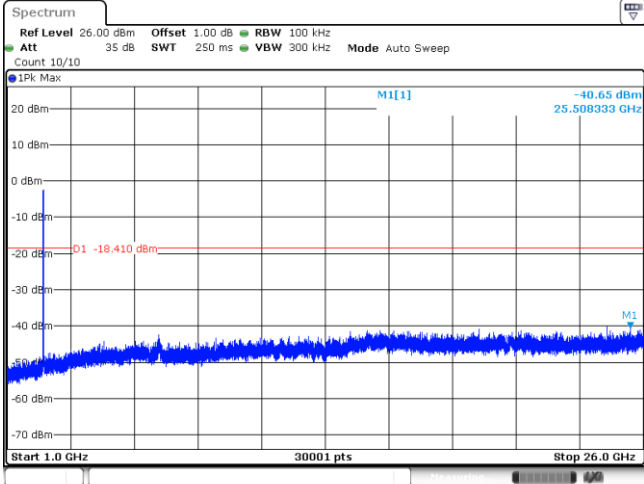
CH11
1GHz~26GHz



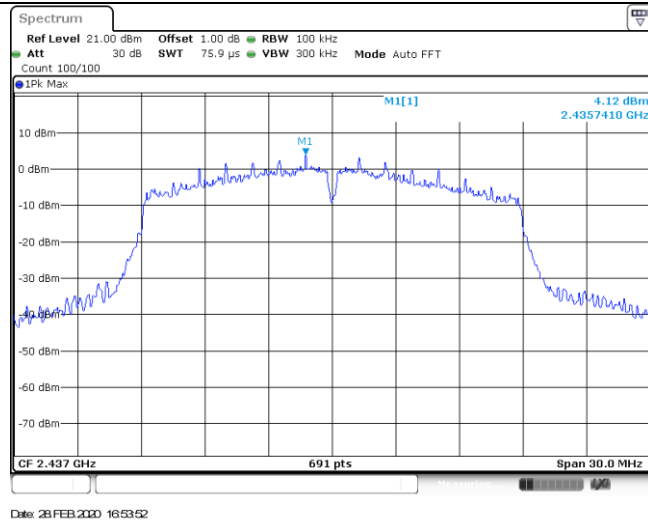
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<p>CH01 30MHz~1000MHz</p>			
<p>CH01 1GHz~26GHz</p>			

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

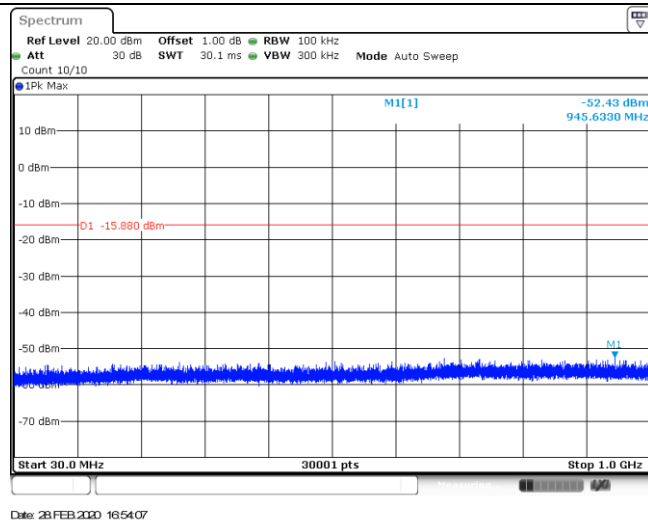
<p>CH11 Reference level</p>	<p>Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max 2.51 dBm 2.4607410 GHz M1 CF 2.462 GHz 691 pts Span 30.0 MHz Date: 28 FEB 2020 16:49:11</p>
<p>CH11 30MHz~1000MHz</p>	<p>Spectrum Ref Level 20.00 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 -52.58 dBm 851.1260 MHz M1 D1 -17.490 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 28 FEB 2020 16:49:26</p>
<p>CH11 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 IPK Max -40.07 dBm 15.572500 GHz M1 D1 -17.490 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 28 FEB 2020 16:50:22</p>

Test Item:	SE	Type:	802.11n(HT20)
<p>CH01 Reference level</p>			
<p>CH01 30MHz~1000MHz</p>			
<p>CH01 1GHz~26GHz</p>			

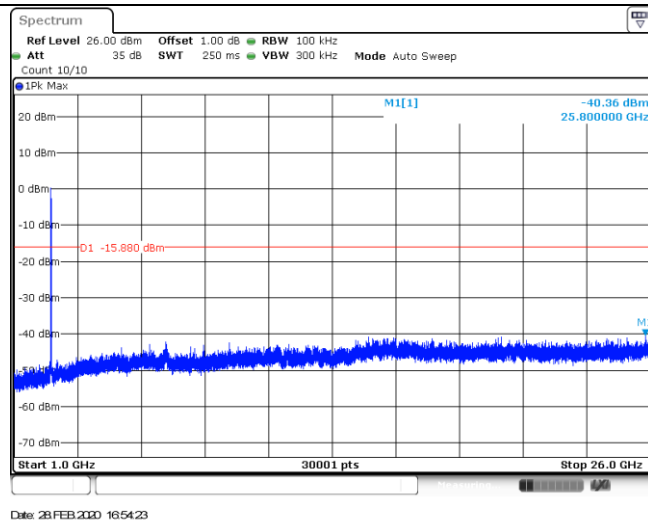
CH06
Reference level



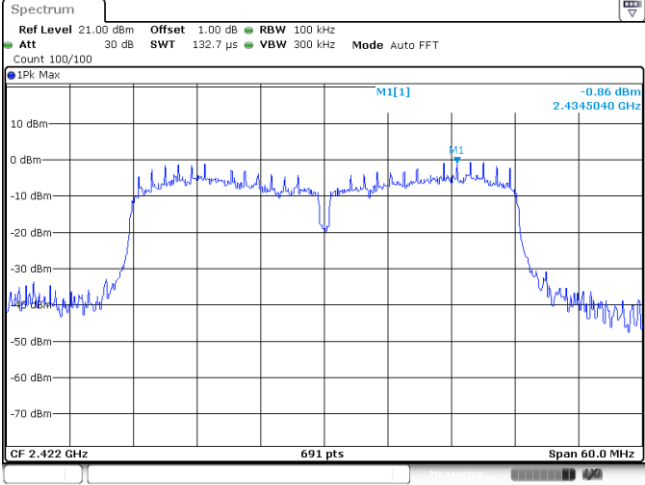
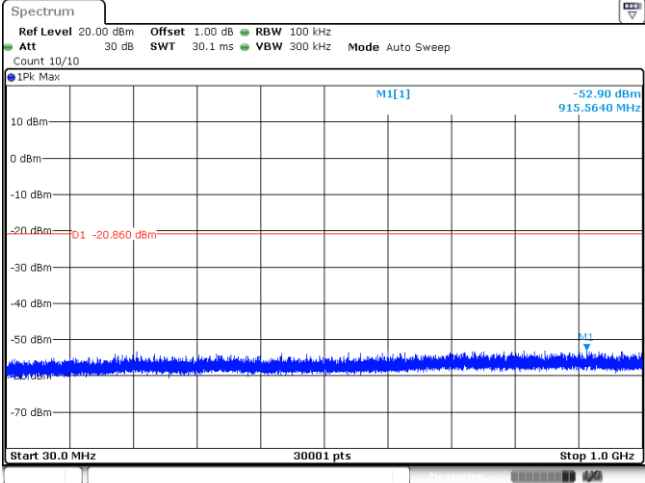
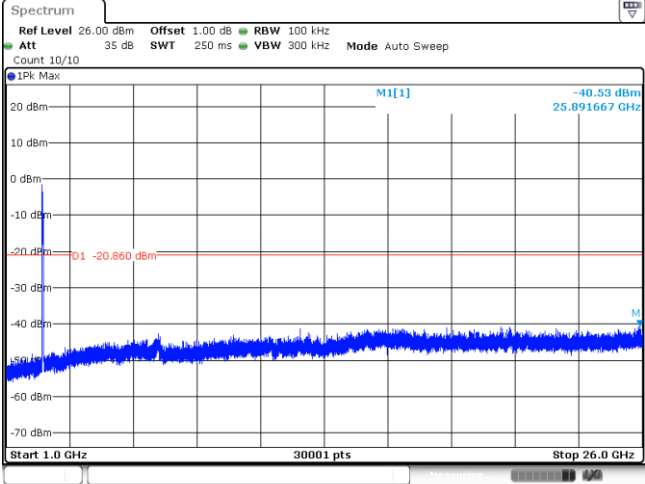
CH06
30MHz~1000MHz



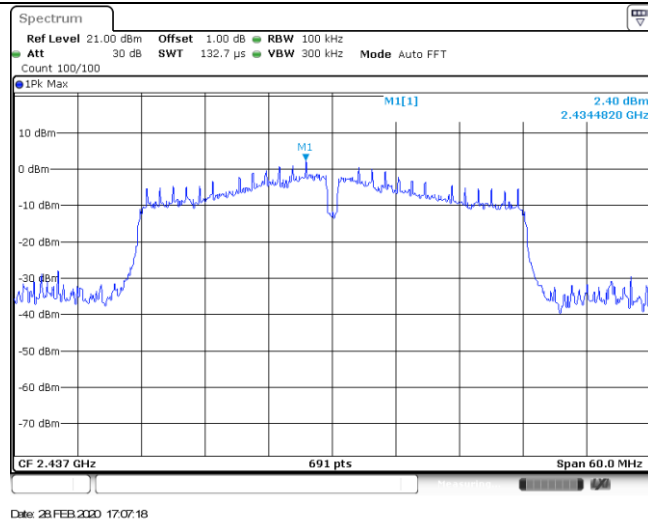
CH06
1GHz~26GHz



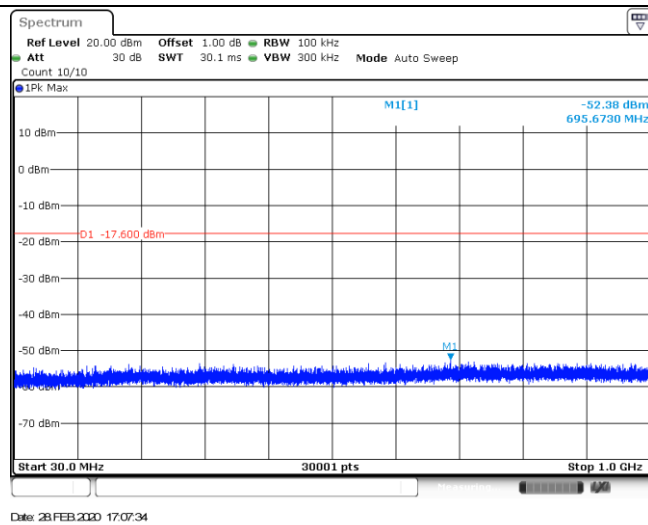
<p>CH11 Reference level</p>	<p>Spectrum Ref Level 21.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 100/100 IPK Max 3.94 dBm 2.4633020 GHz M1 M1[1] CF 2.462 GHz 691 pts Span 30.0 MHz Date: 28 FEB 2020 16:55:52</p>
<p>CH11 30MHz~1000MHz</p>	<p>Spectrum Ref Level 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 -52.73 dBm 992.6120 MHz M1 M1[1] D1 -16.060 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 28 FEB 2020 16:55:08</p>
<p>CH11 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 IPK Max -40.27 dBm 25.916667 GHz M1 M1[1] D1 -16.060 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 28 FEB 2020 16:55:24</p>

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

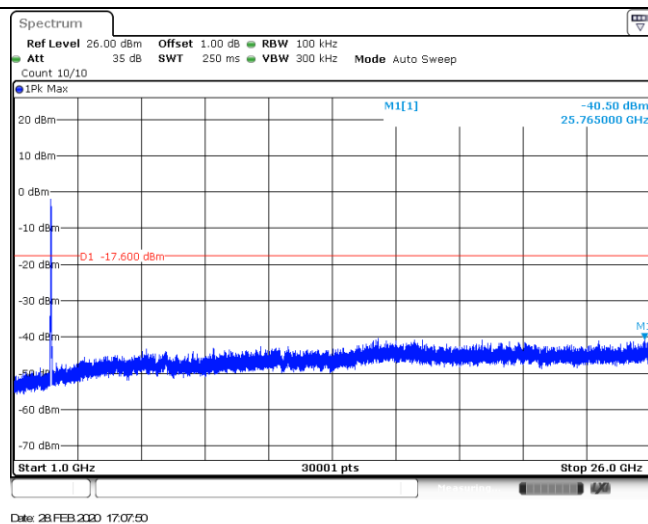
CH06
Reference level

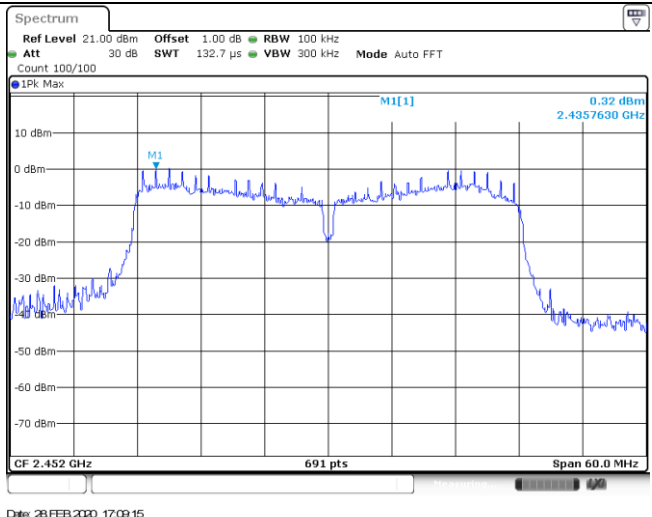
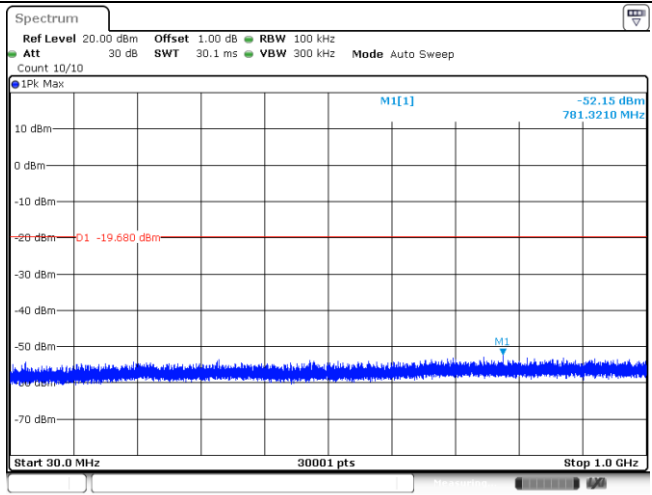
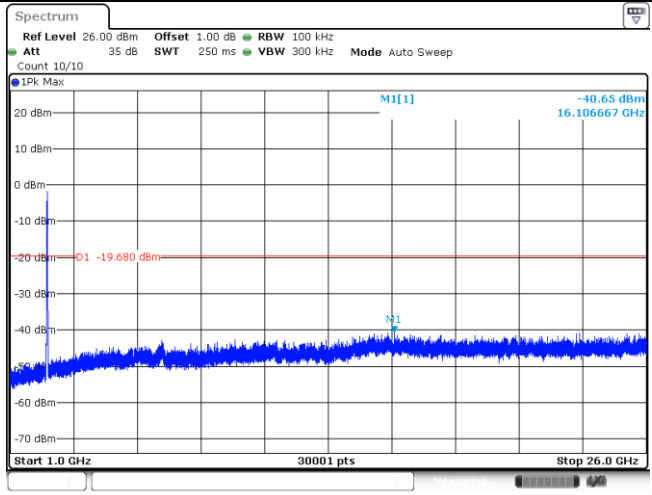


CH06
30MHz~1000MHz



CH06
1GHz~26GHz



<p>CH09 Reference level</p>	 <p>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] 0.32 dBm 2.4357630 GHz CF 2.452 GHz 691 pts Span 60.0 MHz Date: 28 FEB 2020 17:09:15</p>
<p>CH09 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] -52.15 dBm 781.3210 MHz O1 -19.680 dBm Start 30.0 MHz 30001 pts Stop 1.0 GHz Date: 28 FEB 2020 17:09:31</p>
<p>CH09 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 IPK Max M1[1] -40.65 dBm 16.106667 GHz O1 -19.680 dBm Start 1.0 GHz 30001 pts Stop 26.0 GHz Date: 28 FEB 2020 17:09:47</p>

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