

APPENDIX REPORT

Project No.	SHT2006131501EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT20061315001	Model No.	YYS.2020
Start test date	2020/7/7	Finish date	2020/7/7
Temperature	25°C	Humidity	50%
Test Engineer	Jiongsheng.Feng	Auditor	<i>William.wang</i>

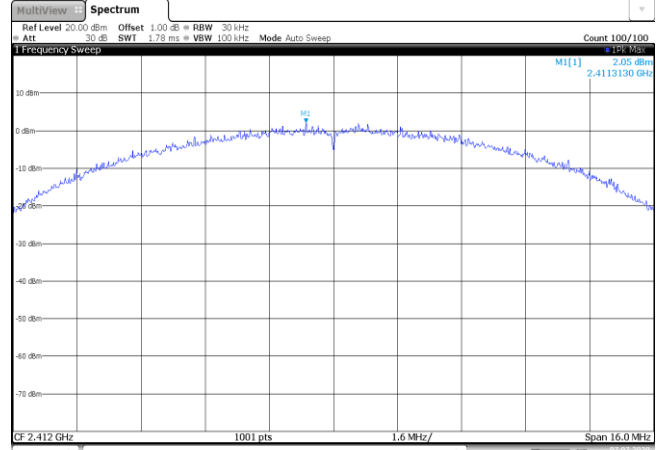
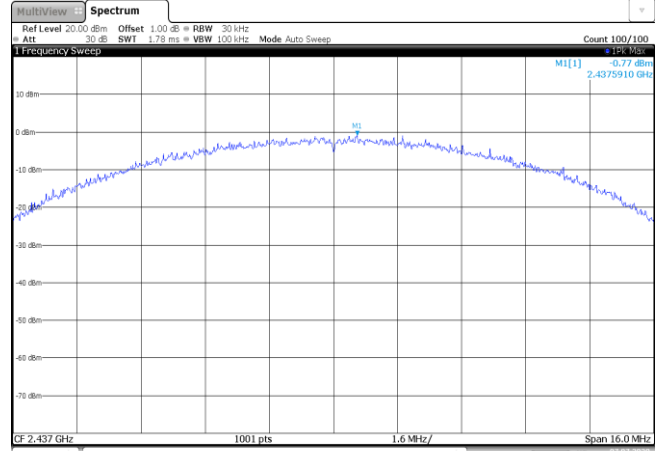
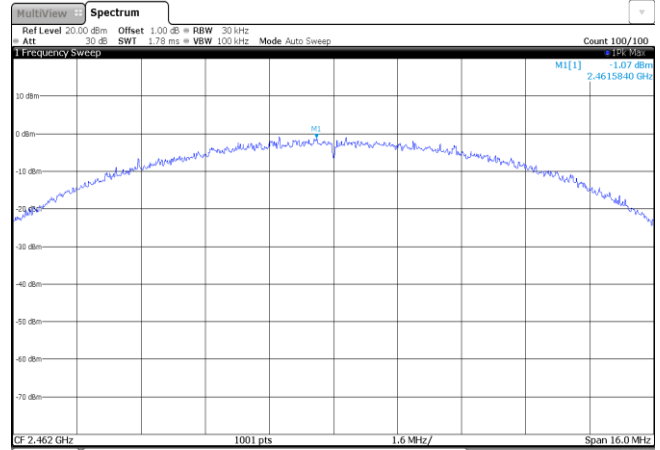
Appendix clause	Test item	Result
A	Conducted Peak Output Power	PASS
B	Power Spectral Density	PASS
C	6 dB Bandwidth	PASS
D	99% Occupied Bandwidth	PASS
E	Duty Cycle	PASS
E	Band edge and Spurious Emissions (conducted)	PASS

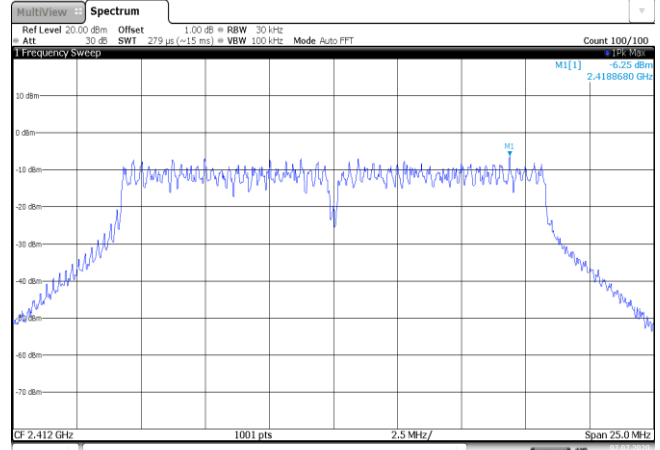
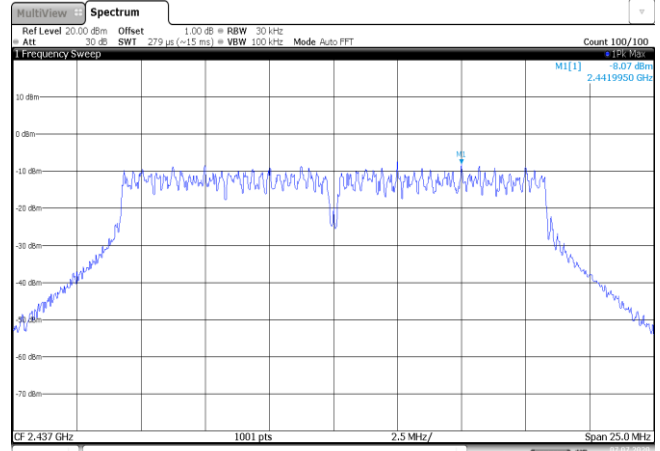
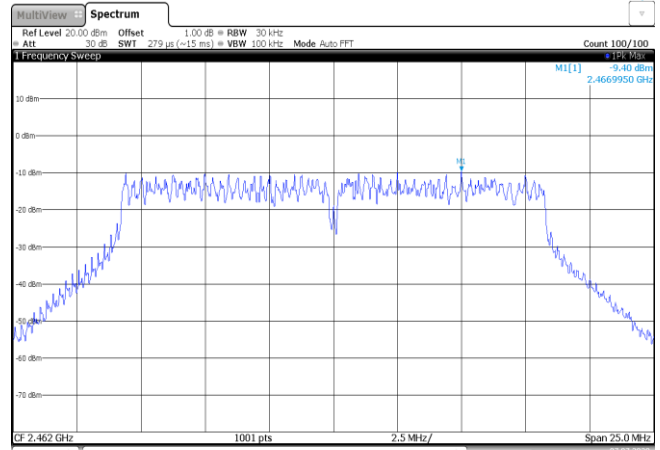
Appendix A: Conducted Peak Output Power

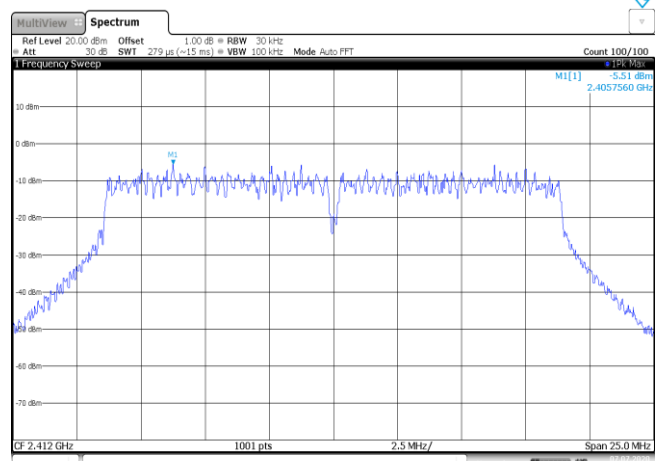
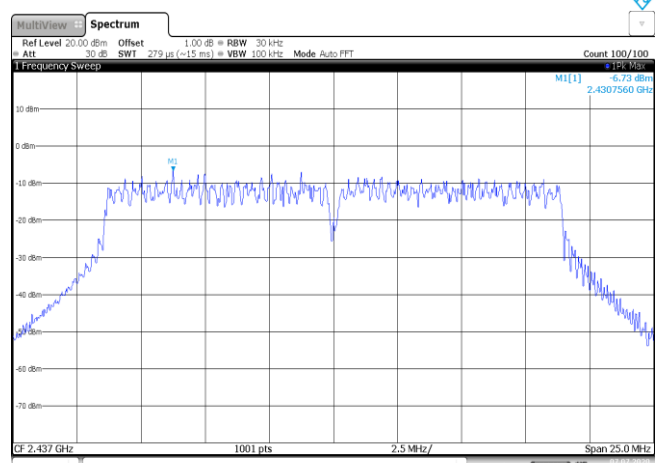
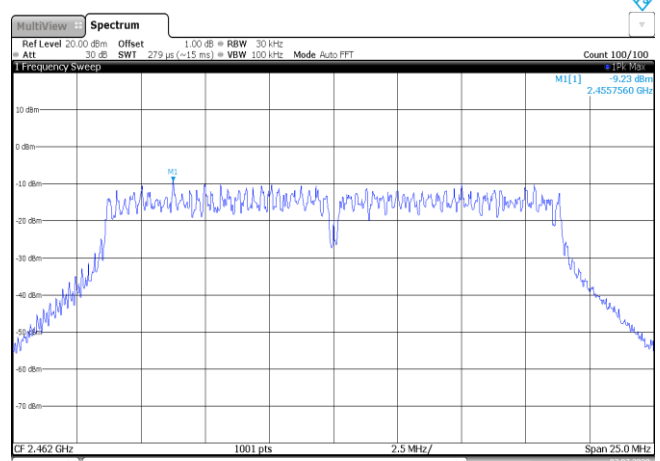
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	19.38	18.18	≤ 30.00	Pass
	06	17.13	15.16		
	11	17.00	14.85		
802.11g	01	18.47	16.01	≤ 30.00	Pass
	06	17.54	15.37		
	11	15.34	13.14		
802.11n (HT20)	01	18.72	16.53	≤ 30.00	Pass
	06	18.05	15.64		
	11	15.01	13.03		
802.11n(HT40)	03	17.00	14.86	≤ 30.00	Pass
	06	16.64	14.37		
	09	15.08	13.00		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	2.05	≤8.00	Pass
	06	-0.77		
	11	-1.07		
802.11g	01	-6.25	≤8.00	Pass
	06	-8.07		
	11	-9.40		
802.11n(HT20)	01	-5.51	≤8.00	Pass
	06	-6.73		
	11	-9.23		
802.11n(HT40)	03	-10.67	≤8.00	Pass
	06	-11.54		
	09	-12.91		

Type:	802.11 b
CH01	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 1.78 ms VBW 100 kHz Mode Auto Sweep Count 100/100 1 Frequency Swcnp MI[1] 2.4119130 GHz 2.4119130 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.412 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz Date: 7.JUL.2020 11:40:18</p>
CH06	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 1.78 ms VBW 100 kHz Mode Auto Sweep Count 100/100 1 Frequency Swcnp MI[1] 2.4375910 GHz 2.4375910 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.437 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz Date: 7.JUL.2020 11:33:16</p>
CH11	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 1.78 ms VBW 100 kHz Mode Auto Sweep Count 100/100 1 Frequency Swcnp MI[1] 2.4615840 GHz 2.4615840 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.462 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz Date: 7.JUL.2020 11:35:30</p>

Type:	802.11 g
CH01	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 279 μs (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -5.25 dBm 2.4189650 GHz 10 dB 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 7.JUL.2020 14:34:50</p>
CH06	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 279 μs (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -5.07 dBm 2.4419950 GHz 10 dB 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 7.JUL.2020 14:53:04</p>
CH11	 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 279 μs (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -5.40 dBm 2.4669950 GHz 10 dB 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 7.JUL.2020 14:50:09</p>

Type:	802.11n(HT20)
CH01	 <p> MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 279 μs (~1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 M1[1] -5.51 dBm 2.4057560 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 7.JUL.2020 15:12:30 </p>
CH06	 <p> MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 279 μs (~1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 M1[1] -6.73 dBm 2.4307560 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 7.JUL.2020 15:17:43 </p>
CH11	 <p> MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 279 μs (~1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 M1[1] -9.23 dBm 2.4557560 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 7.JUL.2020 15:26:08 </p>

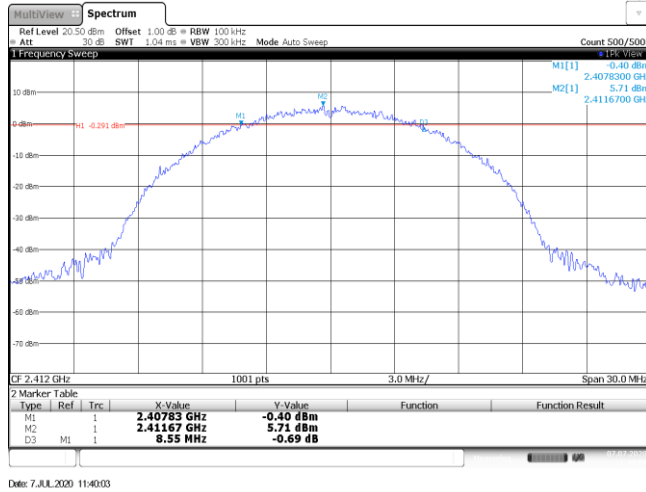
Type:	802.11n(HT40)
CH03	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 558 μs (~27 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -10.67 dBm 2.4170000 GHz CF 2.422 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz Date: 7.JUL.2020 15:33:56</p>
CH06	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 558 μs (~27 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -11.54 dBm 2.4320000 GHz CF 2.437 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz Date: 7.JUL.2020 15:37:32</p>
CH09	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 30 kHz Att 30 dB SWI 558 μs (~27 ms) VBW 100 kHz Mode Auto FFT Count 100/100 Frequency Sweep M1[1] -12.91 dBm 2.4591980 GHz CF 2.452 GHz 1001 pts 5.5 MHz/ Span 55.0 MHz Date: 7.JUL.2020 15:44:00</p>

Appendix C: 6dB bandwidth

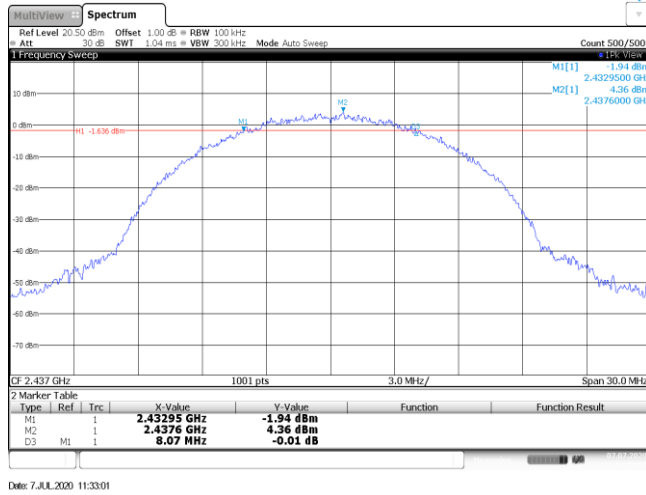
Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	8.55	≥0.5	Pass
	06	8.07		
	11	8.40		
802.11g	01	16.50	≥0.5	Pass
	06	16.53		
	11	16.44		
802.11n(HT20)	01	17.70	≥0.5	Pass
	06	17.64		
	11	17.70		
802.11n(HT40)	03	36.42	≥0.5	Pass
	06	36.18		
	09	35.82		

Type: 802.11 b

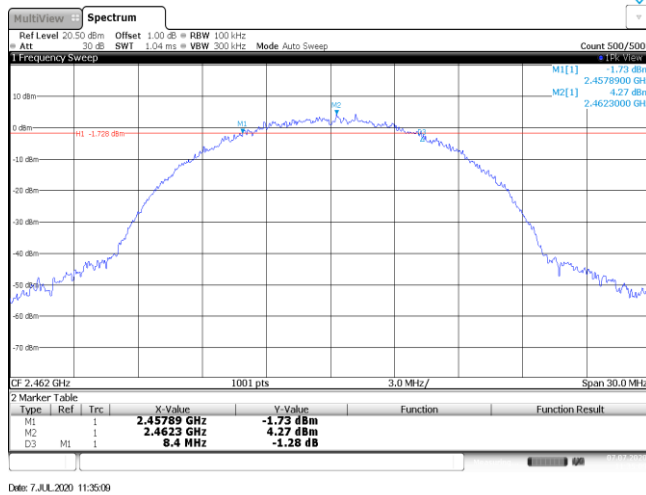
CH01



CH06

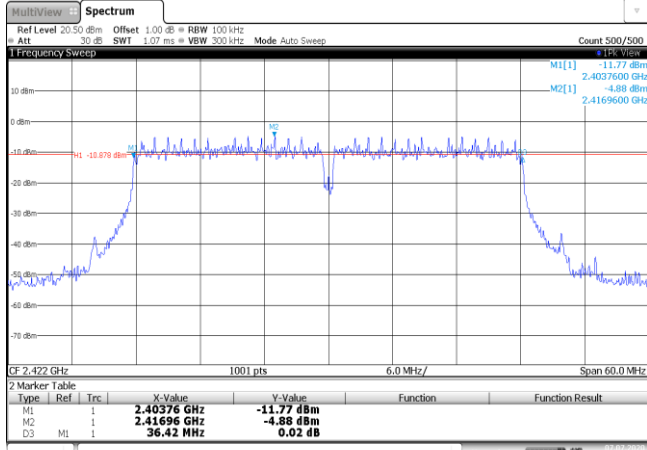
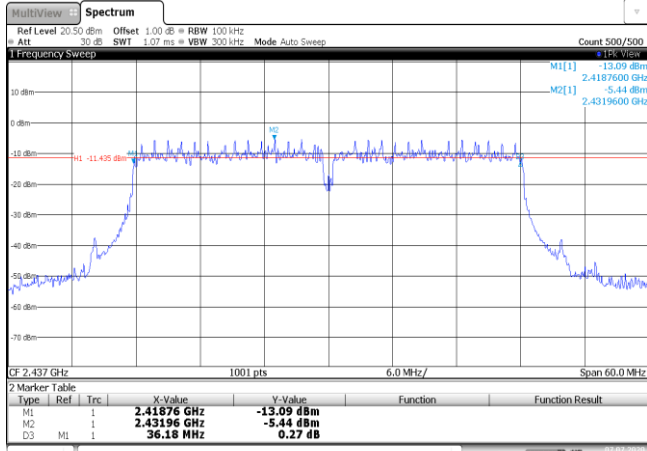
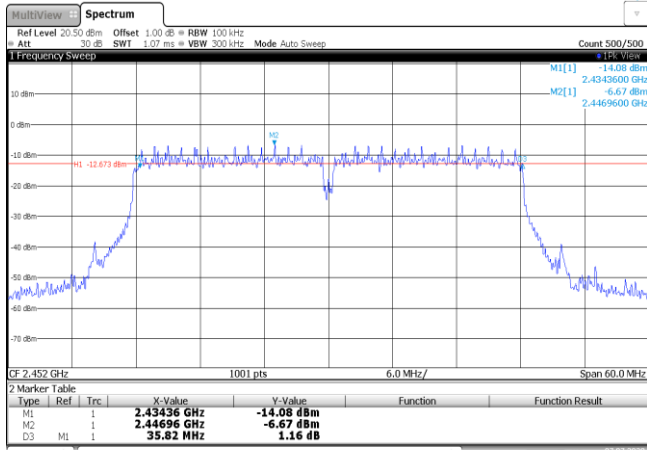


CH11



Type:	802.11 g																												
CH01	<p>2 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>2.40375 GHz</td> <td>-7.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.40573 GHz</td> <td>-1.14 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.5 MHz</td> <td>-0.63 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 14:36:38</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40375 GHz	-7.41 dBm			M2	1		2.40573 GHz	-1.14 dBm			D3	M1	1	16.5 MHz	-0.63 dB		
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M1	1		2.42872 GHz	-10.40 dBm																									
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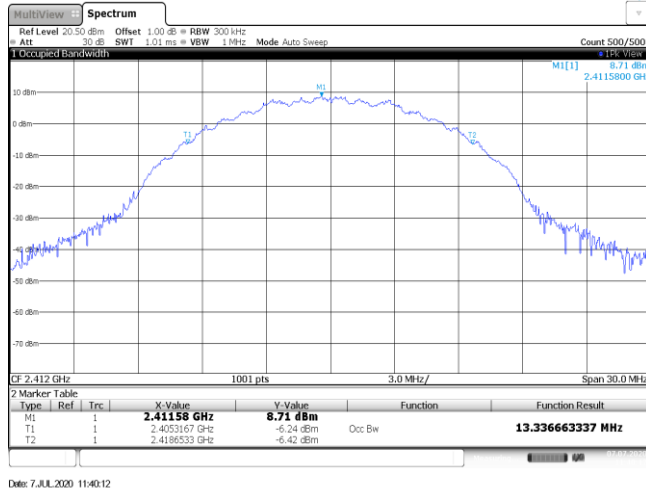
Type:	802.11n(HT40)																												
CH03	 <p>MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 1.07 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep CF 2.422 GHz 100.1 pts 6.0 MHz/ Span 60.0 MHz 2 Marker Table <table border="1"> <thead> <tr> <th>Type</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>2.40376 GHz</td> <td>-11.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.41696 GHz</td> <td>-4.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>36.42 MHz</td> <td>0.02 dB</td> <td></td> <td></td> </tr> </tbody> </table> Date: 7.JUL.2020 15:35:14</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40376 GHz	-11.77 dBm			M2	1		2.41696 GHz	-4.88 dBm			D3	M1	1	36.42 MHz	0.02 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
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Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.41876 GHz	-13.09 dBm																									
M2	1		2.43196 GHz	-5.44 dBm																									
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CH09	 <p>MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SW1 1.07 ms VBW 300 kHz Mode Auto Sweep Count 500/500 1 Frequency Sweep CF 2.452 GHz 100.1 pts 6.0 MHz/ Span 60.0 MHz 2 Marker Table <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>2.43436 GHz</td> <td>-14.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.44696 GHz</td> <td>-6.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.82 MHz</td> <td>1.16 dB</td> <td></td> <td></td> </tr> </tbody> </table> Date: 7.JUL.2020 15:43:30</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.43436 GHz	-14.08 dBm			M2	1		2.44696 GHz	-6.67 dBm			D3	M1	1	35.82 MHz	1.16 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.43436 GHz	-14.08 dBm																									
M2	1		2.44696 GHz	-6.67 dBm																									
D3	M1	1	35.82 MHz	1.16 dB																									

Appendix D: 99% Occupied Bandwidth

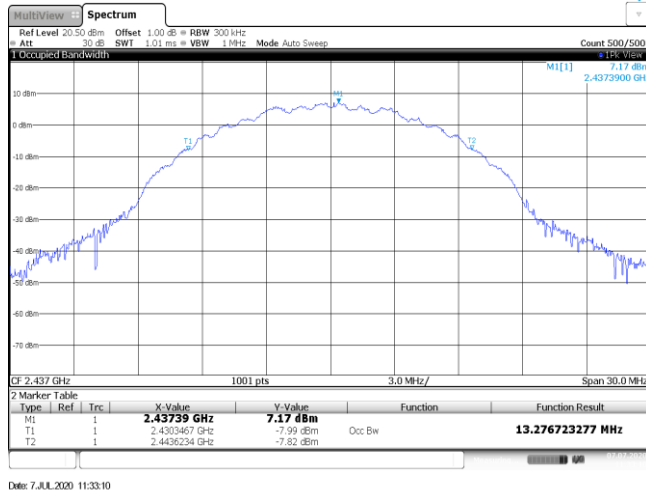
Type	Channel	99% Bandwidth (MHz)	Limit (kHz)	Result
802.11b	01	13.34	-	Pass
	06	13.28		
	11	13.31		
802.11g	01	16.63	-	Pass
	06	16.69		
	11	16.63		
802.11n(HT20)	01	17.77	-	Pass
	06	17.74		
	11	17.86		
802.11n(HT40)	03	36.14	-	Pass
	06	36.20		
	09	36.08		

Type: **802.11 b**

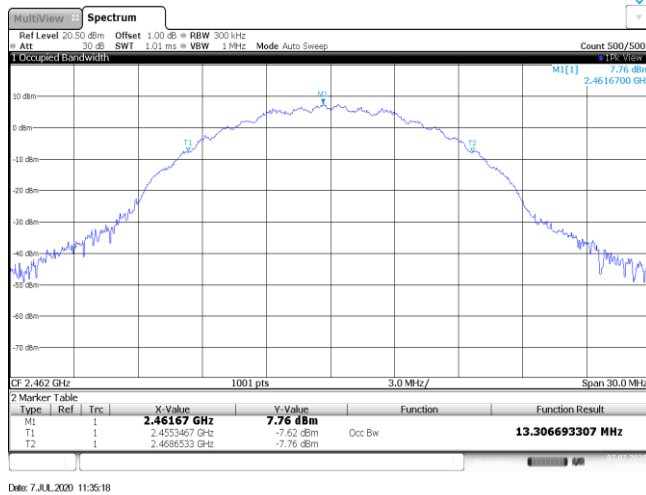
CH01



CH06

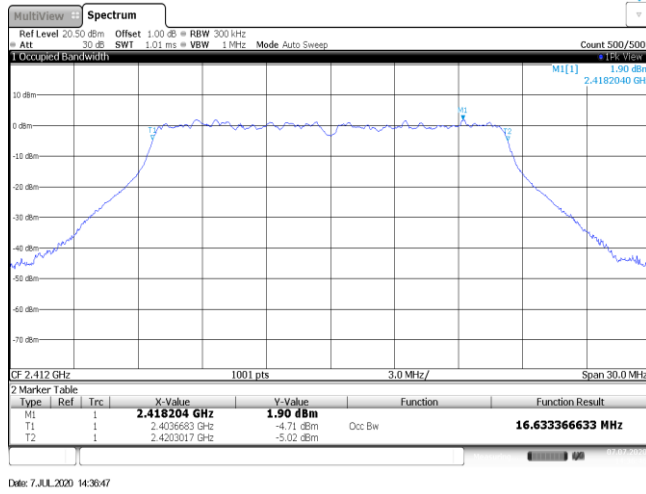


CH11

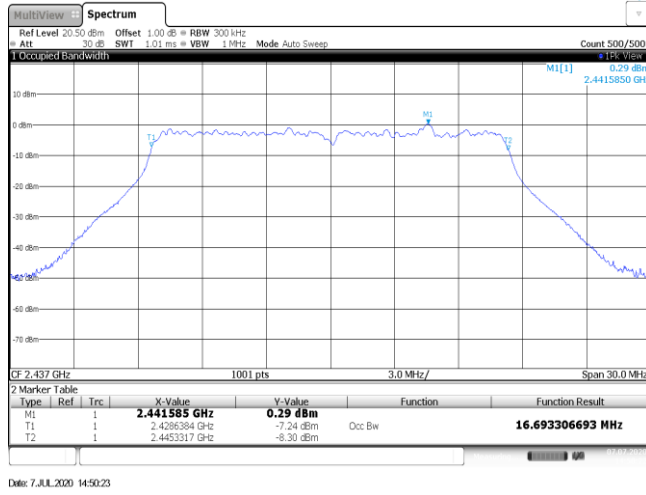


Type: **802.11 g**

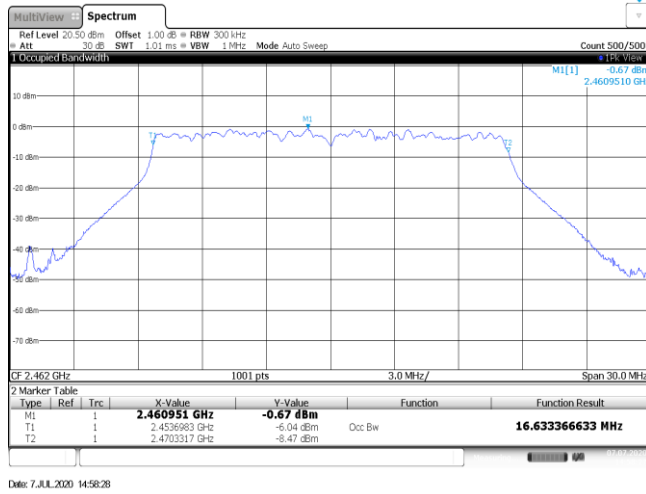
CH01

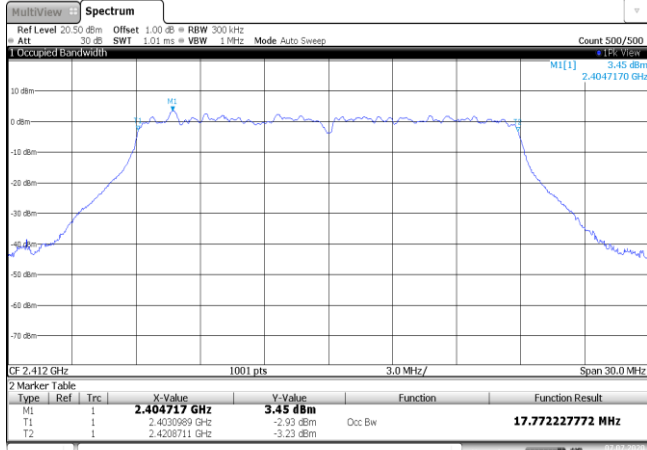
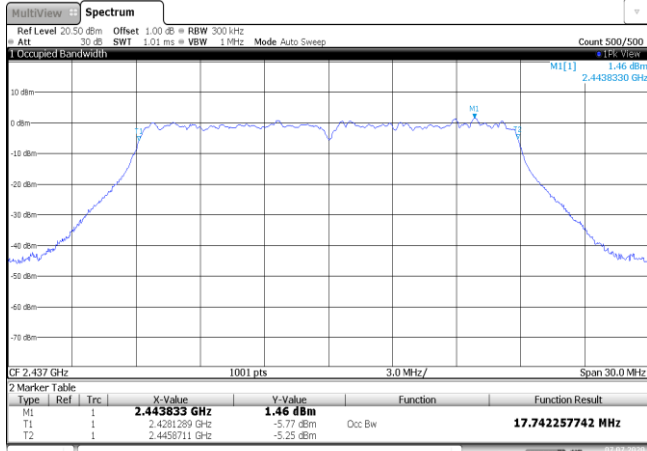
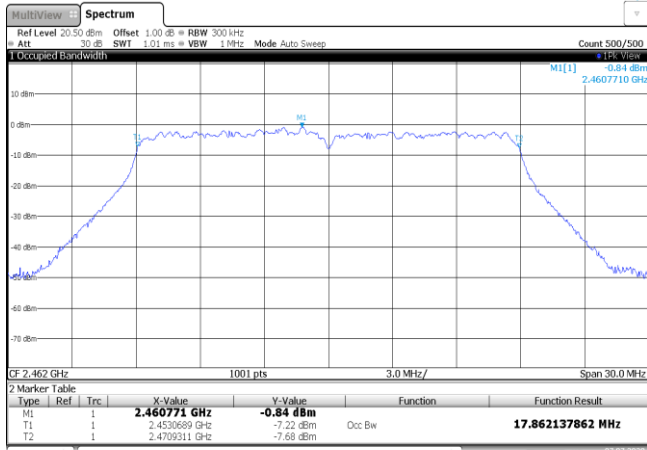


CH06



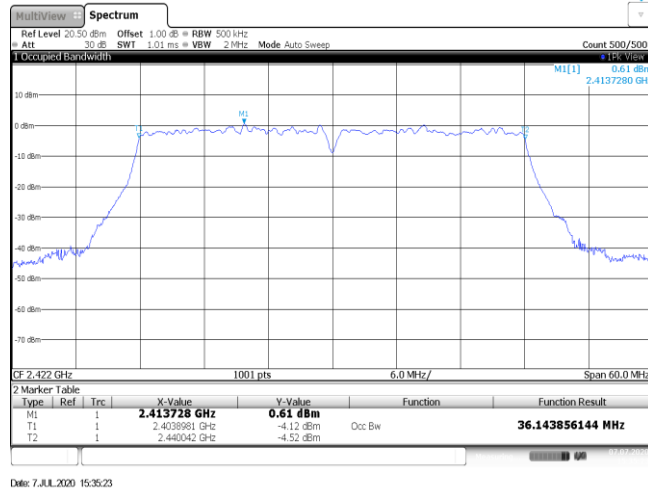
CH11



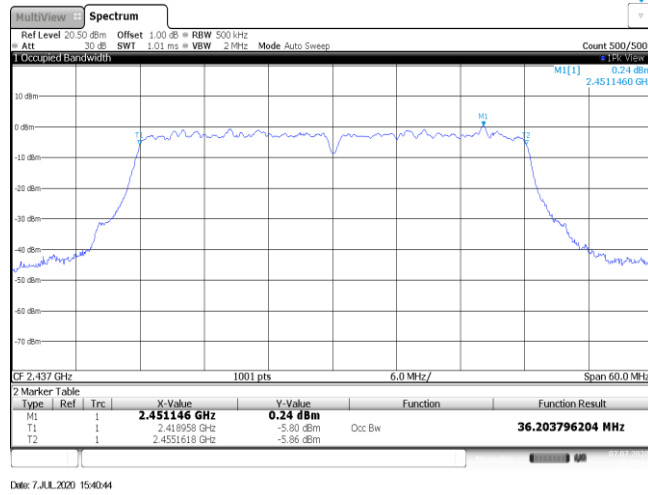
Type:	802.11n(HT20)																												
CH01	 <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.404717 GHz</td> <td>3.45 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.403089 GHz</td> <td>-2.93 dBm</td> <td>Occ Bw</td> <td>17.772227772 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4208711 GHz</td> <td>-3.23 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 15:14:59</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.404717 GHz	3.45 dBm			T1	1		2.403089 GHz	-2.93 dBm	Occ Bw	17.772227772 MHz	T2	1		2.4208711 GHz	-3.23 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.404717 GHz	3.45 dBm																									
T1	1		2.403089 GHz	-2.93 dBm	Occ Bw	17.772227772 MHz																							
T2	1		2.4208711 GHz	-3.23 dBm																									
CH06	 <p>2 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>2.443833 GHz</td> <td>1.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4281289 GHz</td> <td>-5.77 dBm</td> <td>Occ Bw</td> <td>17.742257742 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4458711 GHz</td> <td>-5.25 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 15:20:46</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.443833 GHz	1.46 dBm			T1	1		2.4281289 GHz	-5.77 dBm	Occ Bw	17.742257742 MHz	T2	1		2.4458711 GHz	-5.25 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.443833 GHz	1.46 dBm																									
T1	1		2.4281289 GHz	-5.77 dBm	Occ Bw	17.742257742 MHz																							
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CH11	 <p>2 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>2.460771 GHz</td> <td>-0.84 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4530689 GHz</td> <td>-7.22 dBm</td> <td>Occ Bw</td> <td>17.862137862 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4709311 GHz</td> <td>-7.68 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 15:30:21</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.460771 GHz	-0.84 dBm			T1	1		2.4530689 GHz	-7.22 dBm	Occ Bw	17.862137862 MHz	T2	1		2.4709311 GHz	-7.68 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.460771 GHz	-0.84 dBm																									
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T2	1		2.4709311 GHz	-7.68 dBm																									

Type: **802.11n(HT40)**

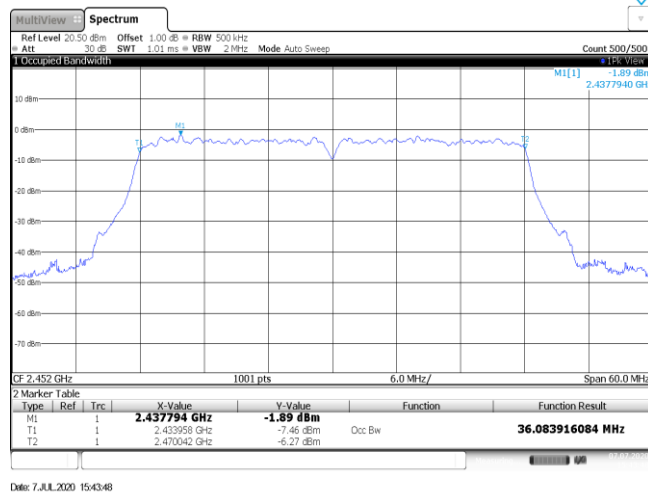
CH03



CH06

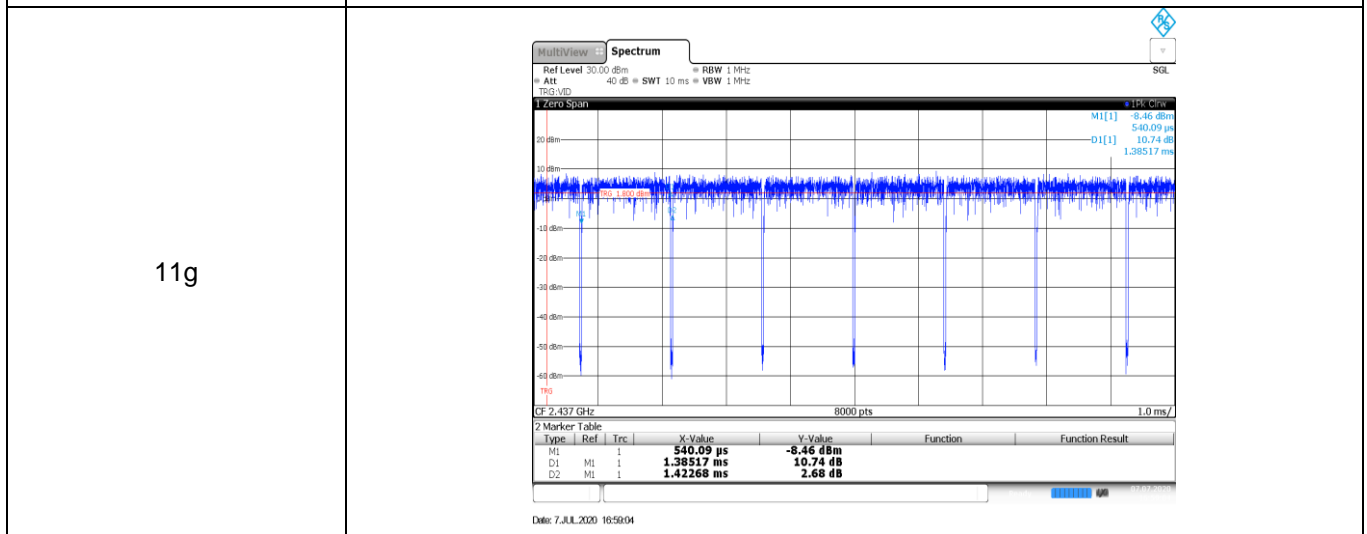
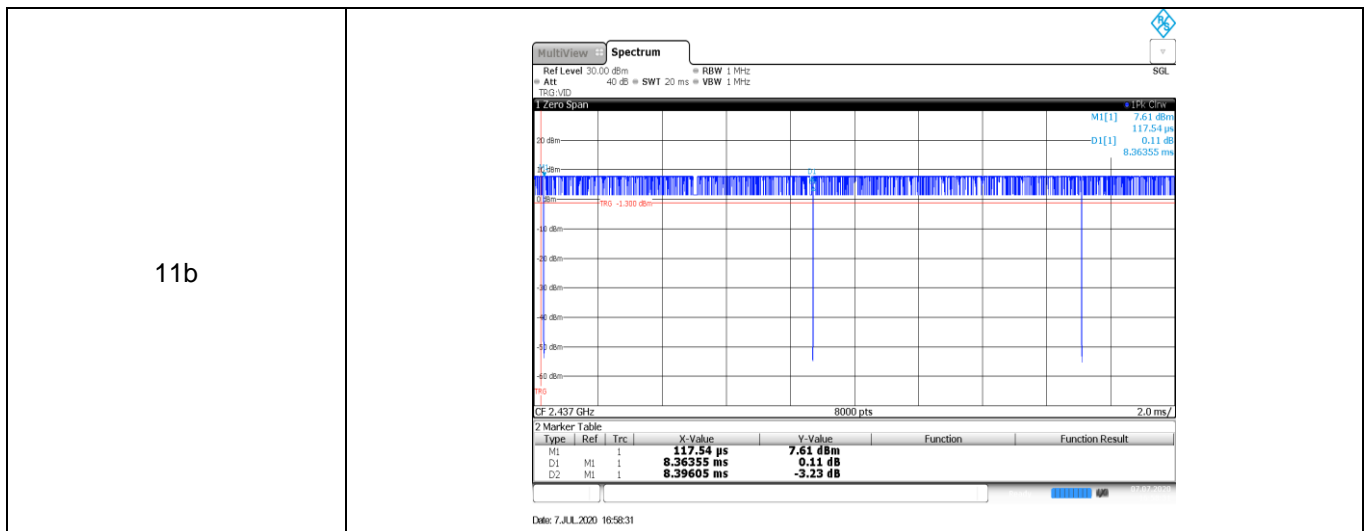


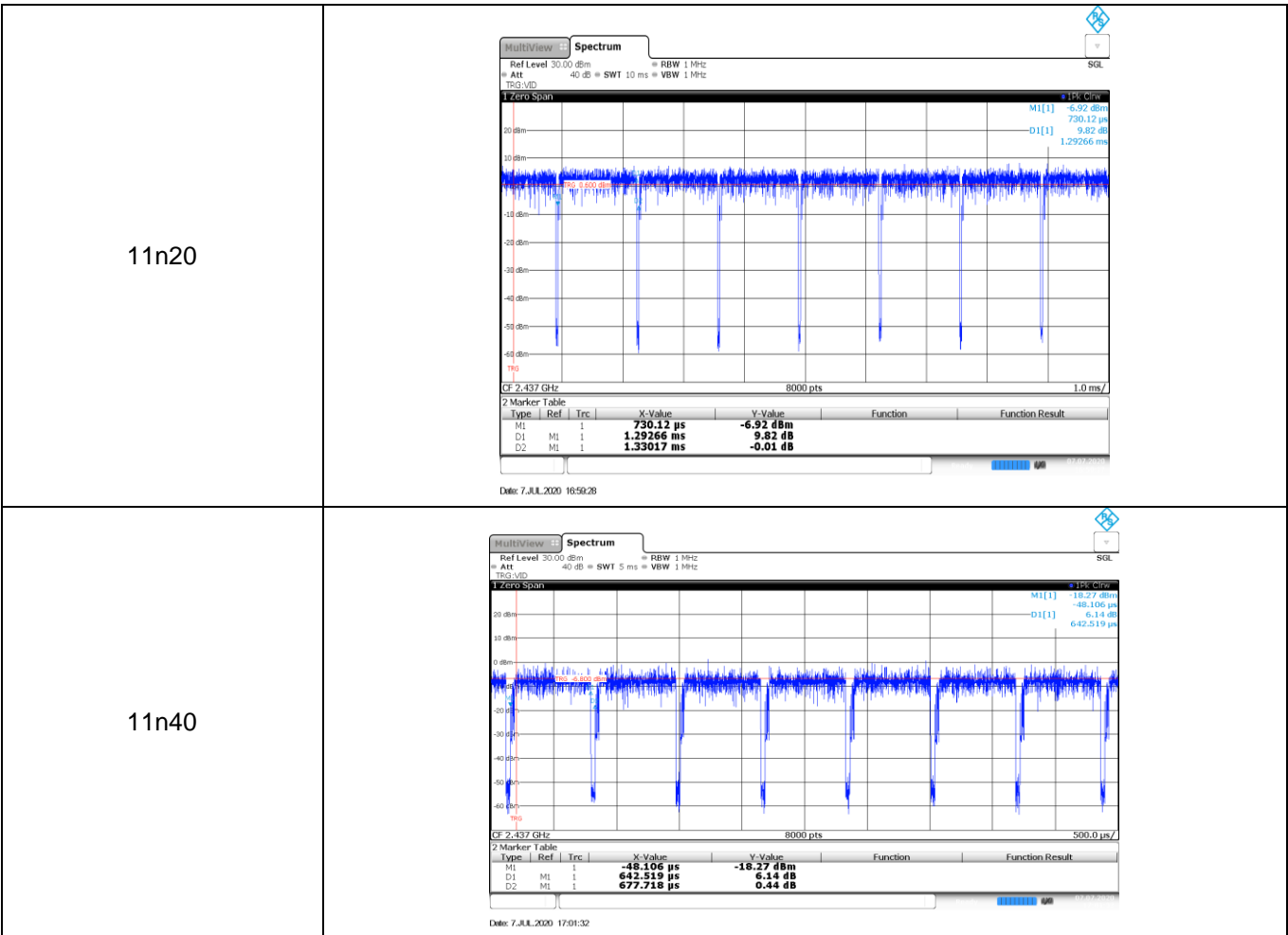
CH09



Appendix E: Duty Cycle

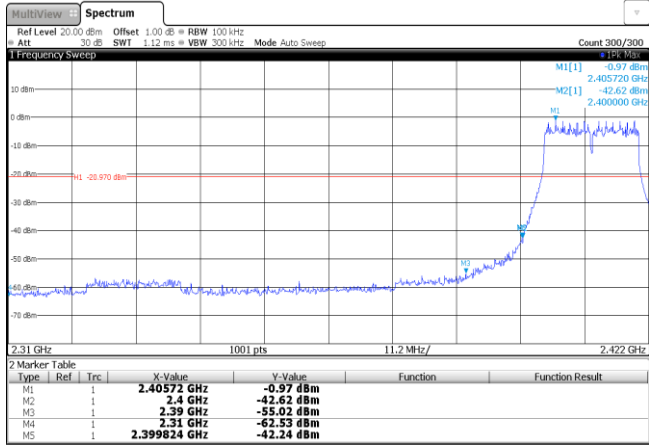
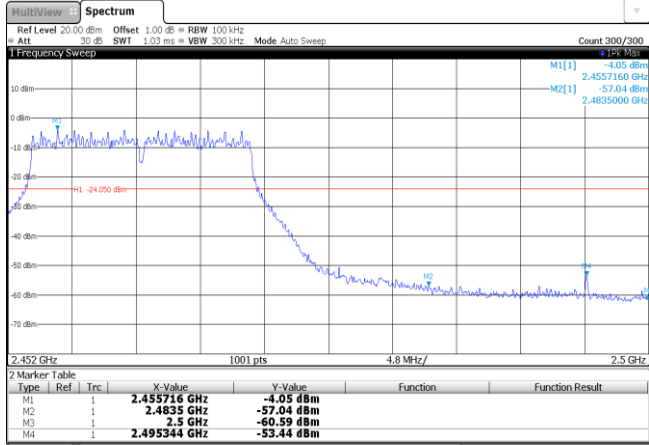
Modulation Type	Test Frequency (MHz)	T _{on time} for single burst (ms)	T _{period} (ms)	Duty cycle	1/T _{on time} (kHz)
11b	2437	8.36	8.40	99.5%	0.1
11g	2437	1.39	1.42	97.9%	0.7
11n20	2437	1.29	1.33	97.0%	0.8
11n40	2437	0.64	0.68	94.1%	1.6



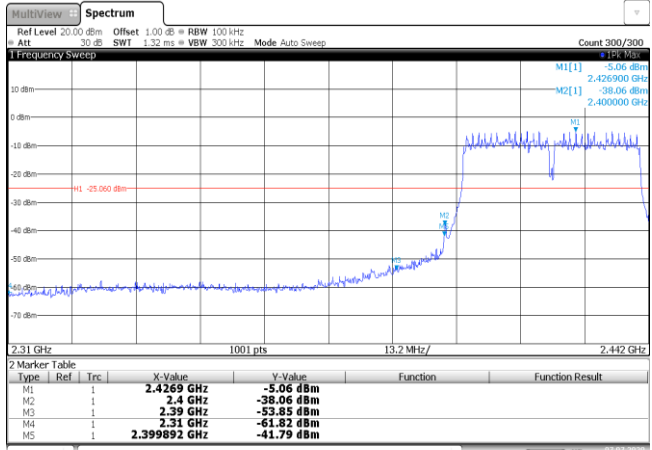
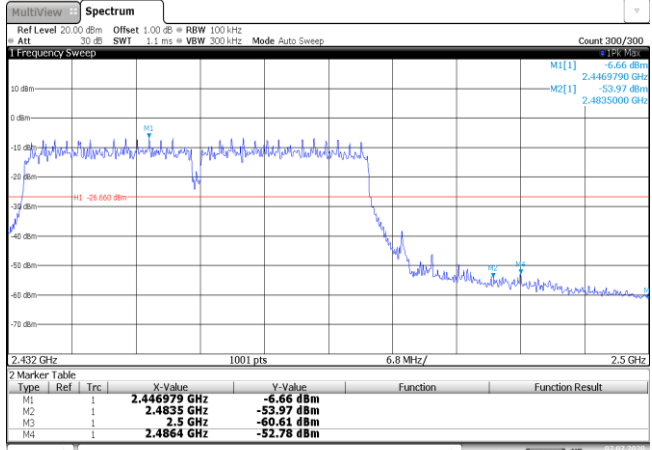


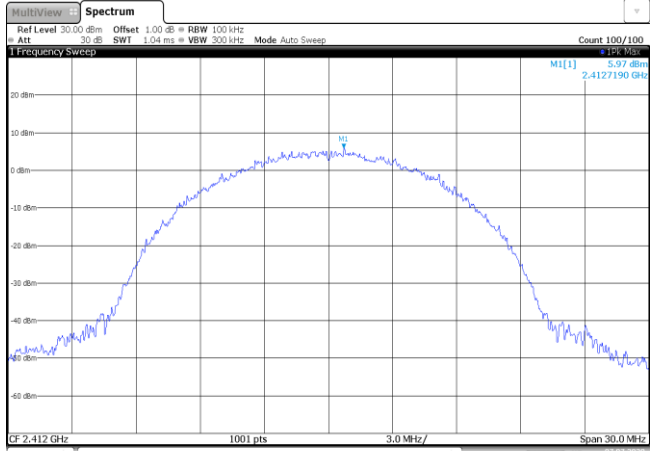
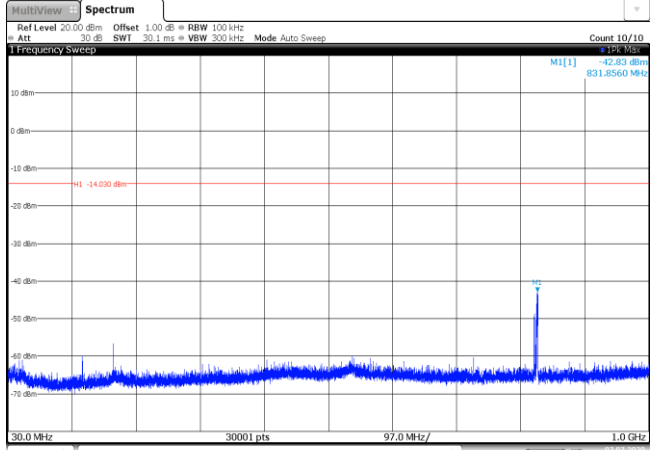
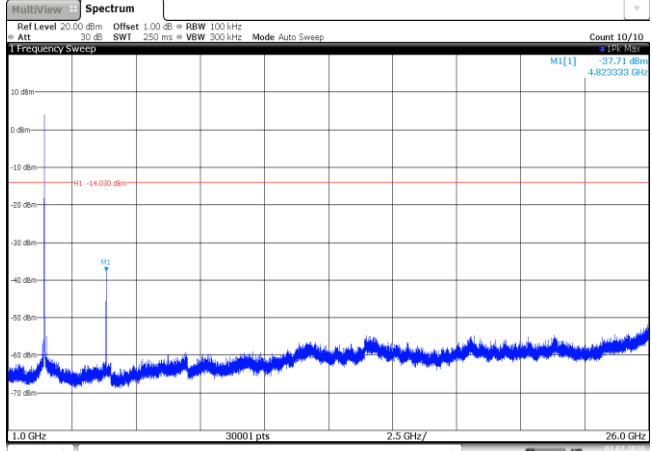
Appendix F: Band edge and Spurious Emissions (conducted)

Test Item:	Bandedge	Type:	802.11 b																																										
CH01	<p>2 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>2.41143 GHz</td> <td>5.58 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-44.29 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-56.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-61.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399936 GHz</td> <td>-44.21 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 11:40:28</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41143 GHz	5.58 dBm			M2	1		2.4 GHz	-44.29 dBm			M3	1		2.39 GHz	-56.41 dBm			M4	1		2.31 GHz	-61.63 dBm			M5	1		2.399936 GHz	-44.21 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41143 GHz	5.58 dBm																																									
M2	1		2.4 GHz	-44.29 dBm																																									
M3	1		2.39 GHz	-56.41 dBm																																									
M4	1		2.31 GHz	-61.63 dBm																																									
M5	1		2.399936 GHz	-44.21 dBm																																									
CH11	<p>2 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>2.462334 GHz</td> <td>4.18 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-57.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-60.45 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.48752 GHz</td> <td>-54.18 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 11:35:40</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.462334 GHz	4.18 dBm			M2	1		2.4835 GHz	-57.68 dBm			M3	1		2.5 GHz	-60.45 dBm			M4	1		2.48752 GHz	-54.18 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.462334 GHz	4.18 dBm																																									
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M3	1		2.5 GHz	-60.45 dBm																																									
M4	1		2.48752 GHz	-54.18 dBm																																									

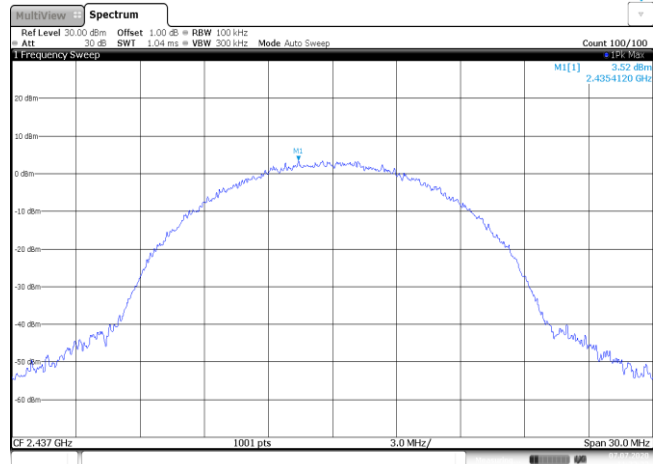
Test Item:	Bandedge	Type:	802.11 g
CH01	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW1 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep M1[1] -0.97 dBm 2.405720 GHz M2[1] -42.62 dBm 2.400000 GHz M3[1] -55.02 dBm 2.390000 GHz M4[1] -62.53 dBm 2.310000 GHz M5[1] -42.24 dBm 2.399824 GHz 2.31 GHz 1001 pts 11.2 MHz/ 2 Marker Table Type Ref Trc X-Value Y-Value Function Function Result M1 1 2.40572 GHz -0.97 dBm M2 1 2.4 GHz -42.62 dBm M3 1 2.39 GHz -55.02 dBm M4 1 2.31 GHz -62.53 dBm M5 1 2.399824 GHz -42.24 dBm Date: 7.JUL.2020 14:35:01</p>		
CH11	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SW1 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300 1 Frequency Sweep M1[1] -4.05 dBm 2.455716 GHz M2[1] -57.04 dBm 2.4835000 GHz M3[1] -60.59 dBm 2.5 GHz M4[1] -53.44 dBm 2.495344 GHz 2.452 GHz 1001 pts 4.8 MHz/ 2 Marker Table Type Ref Trc X-Value Y-Value Function Function Result M1 1 2.455716 GHz -4.05 dBm M2 1 2.4835 GHz -57.04 dBm M3 1 2.5 GHz -60.59 dBm M4 1 2.495344 GHz -53.44 dBm Date: 7.JUL.2020 14:50:10</p>		

Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01	<p>2 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>2.40572 GHz</td> <td>-0.12 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-38.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-54.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-62.64 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399936 GHz</td> <td>-40.65 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 15:12:50</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40572 GHz	-0.12 dBm			M2	1		2.4 GHz	-38.76 dBm			M3	1		2.39 GHz	-54.25 dBm			M4	1		2.31 GHz	-62.64 dBm			M5	1		2.399936 GHz	-40.65 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
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M3	1		2.5 GHz	-61.34 dBm																																									
M4	1		2.484304 GHz	-57.23 dBm																																									

Test Item:	Bandedge	Type:	802.11 n(HT40)																																										
CH03	 <p>2 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>2.4269 GHz</td> <td>-5.06 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-38.06 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-53.85 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-61.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399892 GHz</td> <td>-41.79 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 15:34:06</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.4269 GHz	-5.06 dBm			M2	1		2.4 GHz	-38.06 dBm			M3	1		2.39 GHz	-53.85 dBm			M4	1		2.31 GHz	-61.82 dBm			M5	1		2.399892 GHz	-41.79 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.4269 GHz	-5.06 dBm																																									
M2	1		2.4 GHz	-38.06 dBm																																									
M3	1		2.39 GHz	-53.85 dBm																																									
M4	1		2.31 GHz	-61.82 dBm																																									
M5	1		2.399892 GHz	-41.79 dBm																																									
CH09	 <p>2 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>2.446979 GHz</td> <td>-6.66 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-53.97 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-60.61 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.4864 GHz</td> <td>-52.78 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 7.JUL.2020 15:44:10</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.446979 GHz	-6.66 dBm			M2	1		2.4835 GHz	-53.97 dBm			M3	1		2.5 GHz	-60.61 dBm			M4	1		2.4864 GHz	-52.78 dBm									
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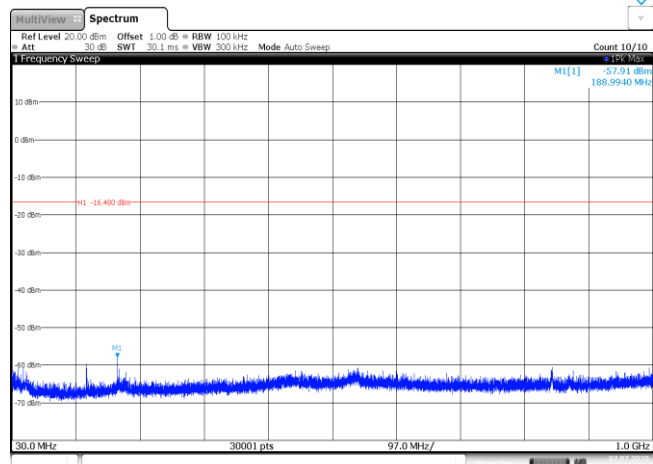
Test Item:	SE	Type:	802.11b
<p>CH01 Reference level</p>			 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Frequency Swcnp Count 100/100 M1[1] -3.97 dBm 2.4127190 GHz CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 7.JUL.2020 11:40:35</p>
<p>CH01 30MHz~1000MHz</p>			 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Frequency Swcnp Count 10/10 M1[1] -45.63 dBm 831.8560 MHz H1 -14.030 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 7.JUL.2020 11:40:51</p>
<p>CH01 1GHz~26GHz</p>			 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Frequency Swcnp Count 10/10 M1[1] -57.71 dBm 4.823333 GHz H1 -14.030 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 7.JUL.2020 11:41:07</p>

CH06
Reference level



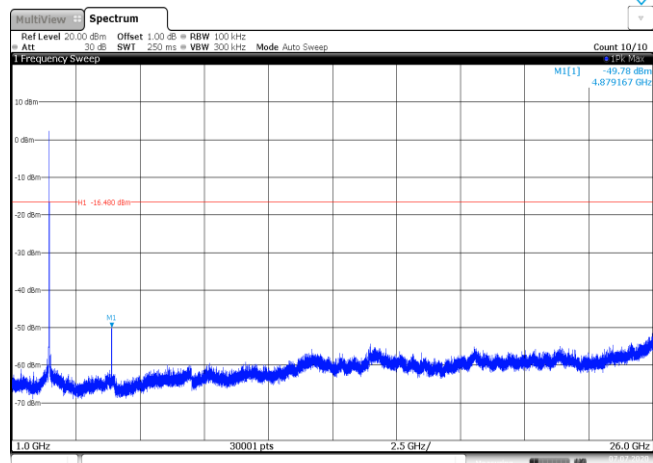
Date: 7.JUL.2020 11:33:23

CH06
30MHz~1000MHz



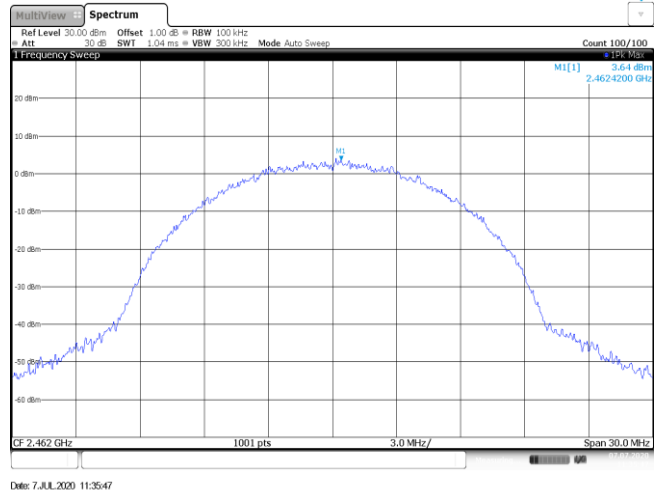
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CH06
1GHz~26GHz

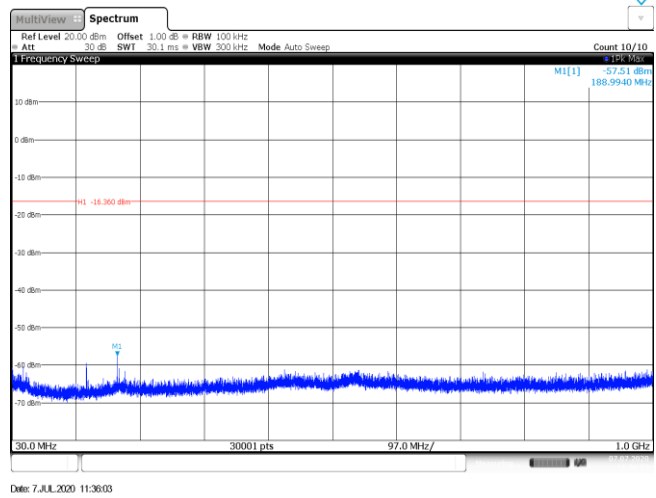


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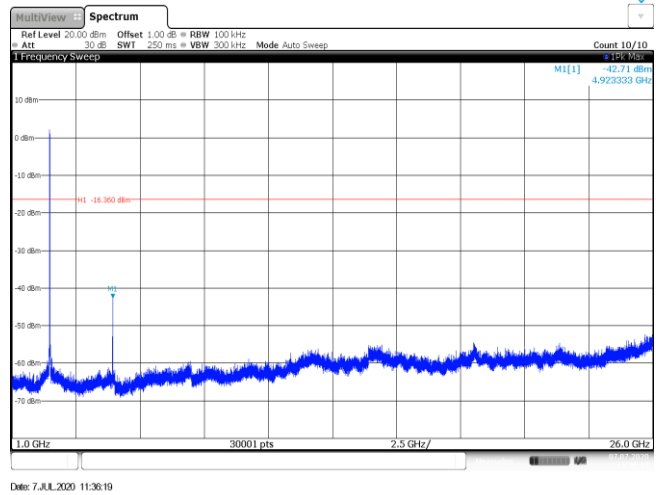
CH11
Reference level

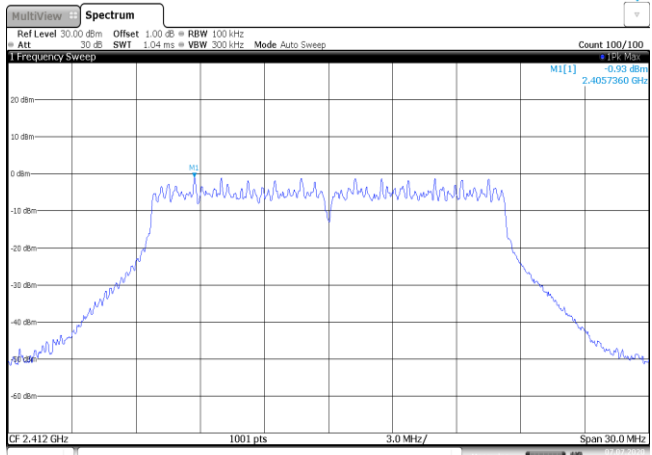
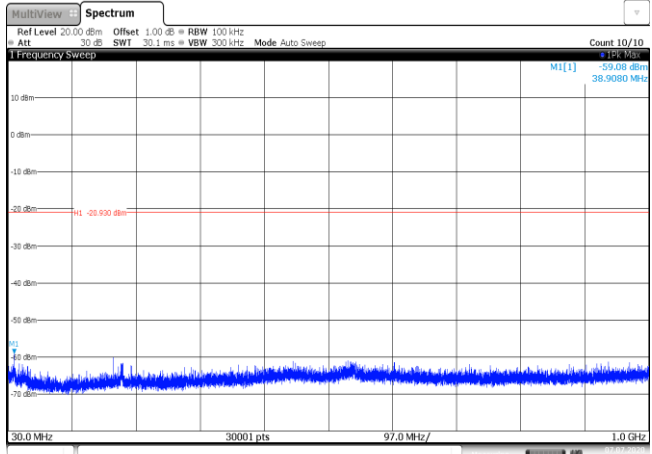
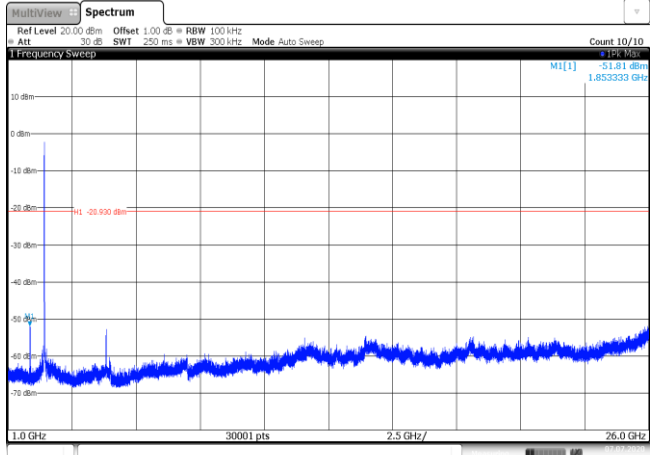


CH11
30MHz~1000MHz

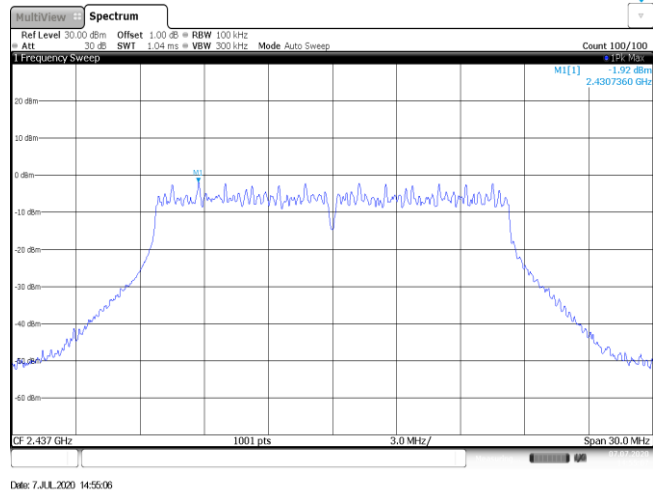


CH11
1GHz~26GHz

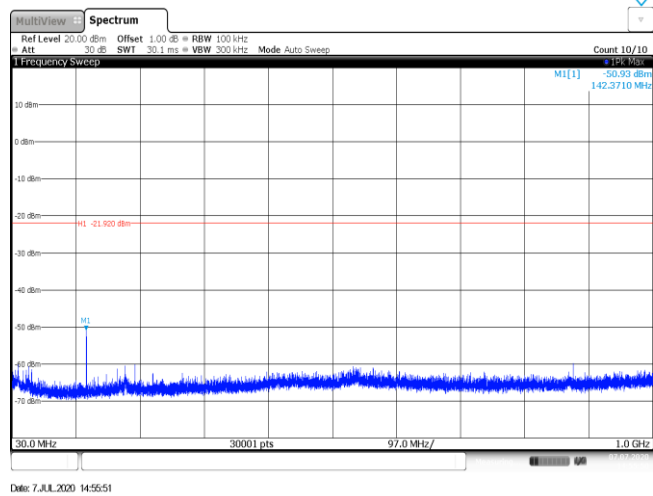


Test Item:	SE	Type:	802.11g
<p>CH01 Reference level</p>			
<p>CH01 30MHz~1000MHz</p>			
<p>CH01 1GHz~26GHz</p>			

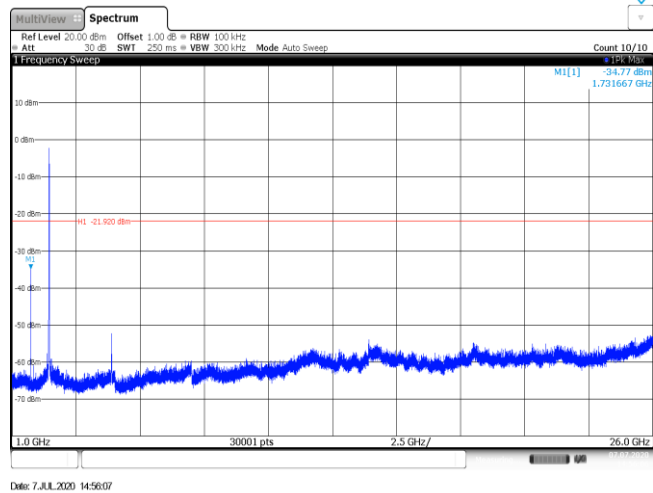
CH06
Reference level



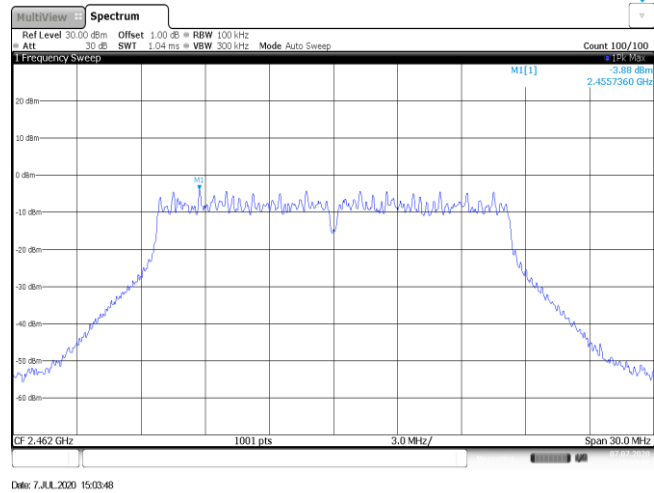
CH06
30MHz~1000MHz



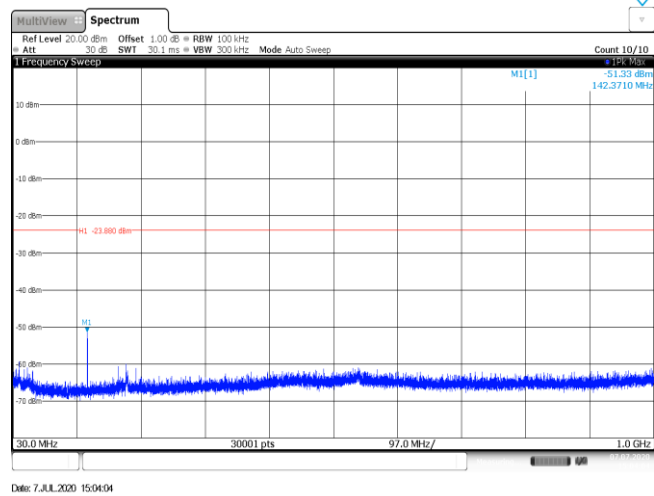
CH06
1GHz~26GHz



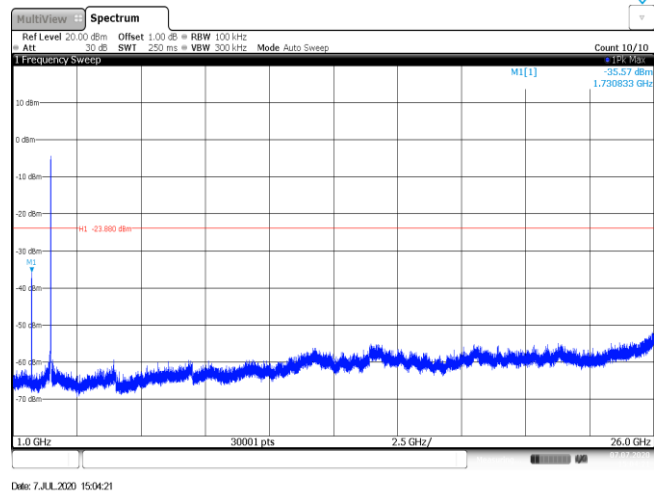
CH11
Reference level

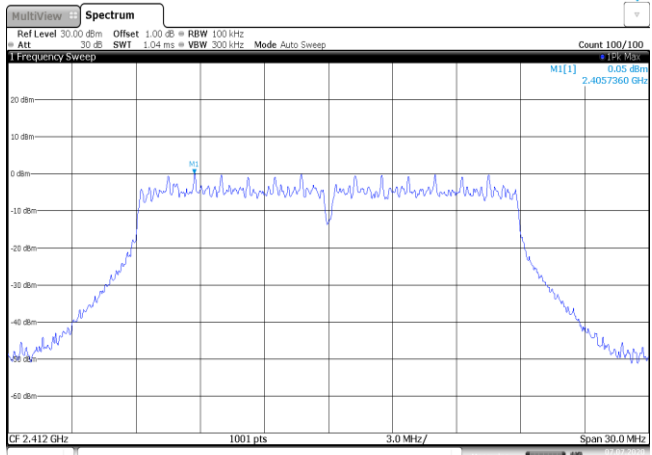
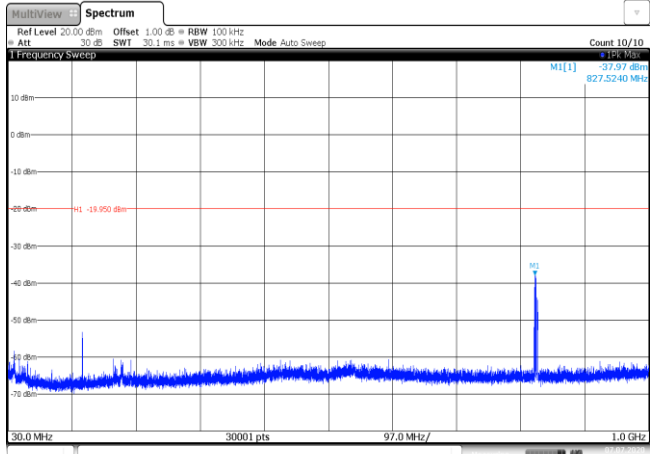
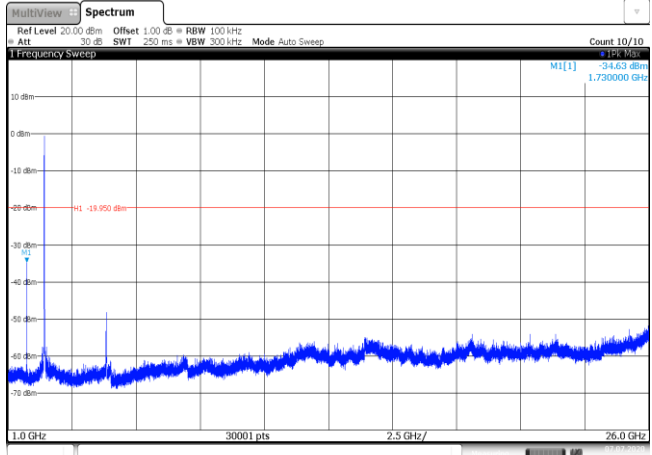


CH11
30MHz~1000MHz

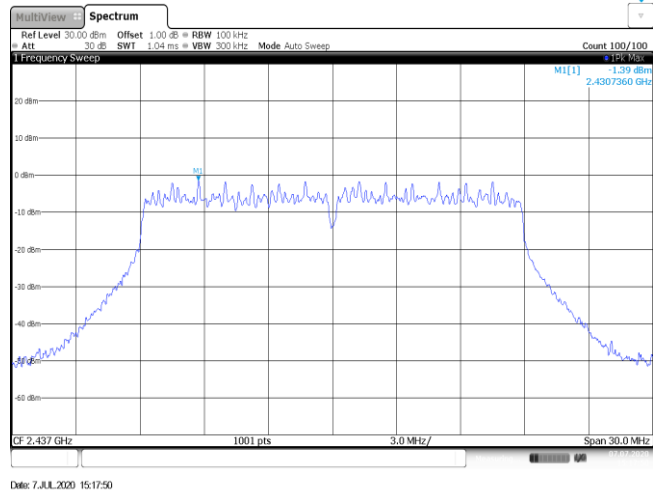


CH11
1GHz~26GHz

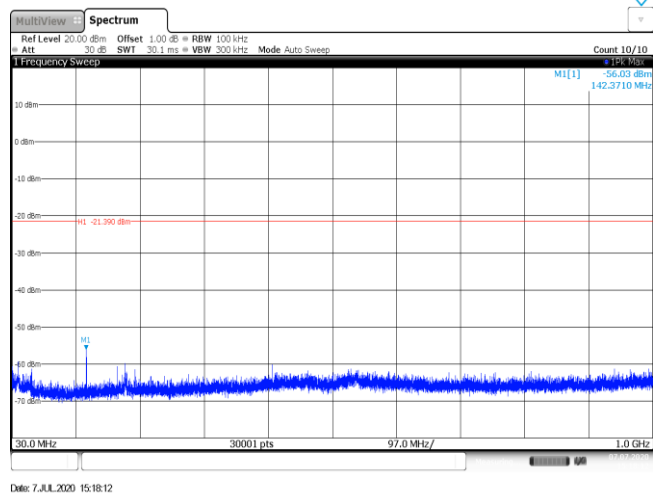


Test Item:	SE	Type:	802.11n(HT20)
<p>CH01 Reference level</p>		 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] 0.05 dBm 2.4057360 GHz CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 7.JUL.2020 15:12:57</p>	
<p>CH01 30MHz~1000MHz</p>		 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -37.97 dBm 827.5240 MHz M1 -19.950 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 7.JUL.2020 15:13:13</p>	
<p>CH01 1GHz~26GHz</p>		 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -34.62 dBm 1.730000 GHz M1 -19.950 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 7.JUL.2020 15:13:20</p>	

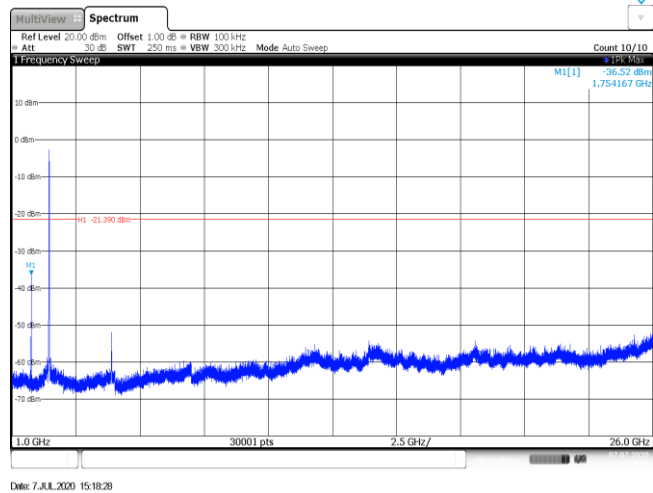
CH06
Reference level



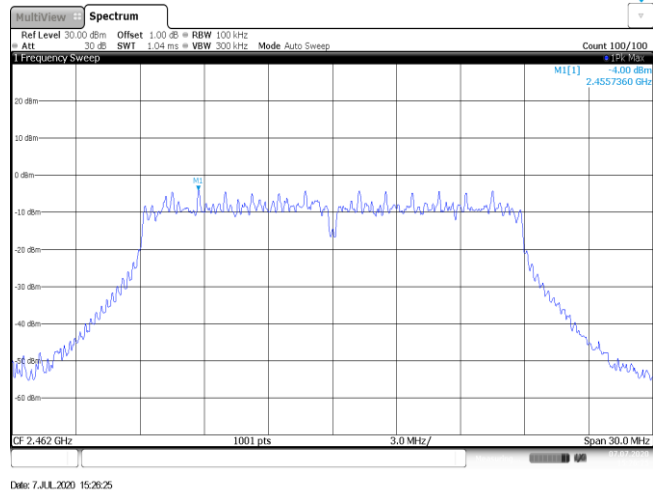
CH06
30MHz~1000MHz



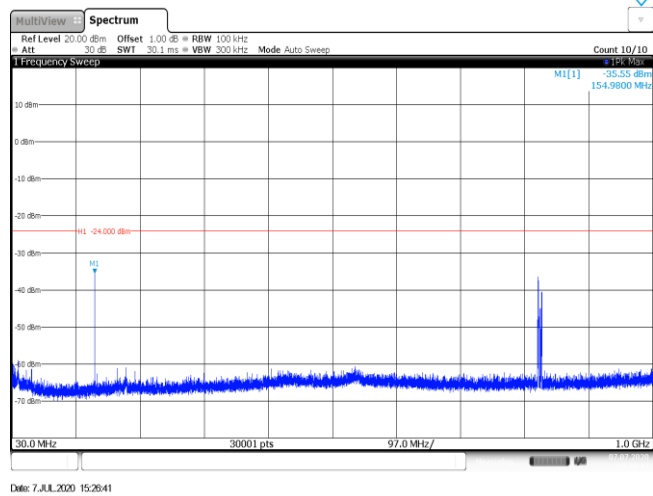
CH06
1GHz~26GHz



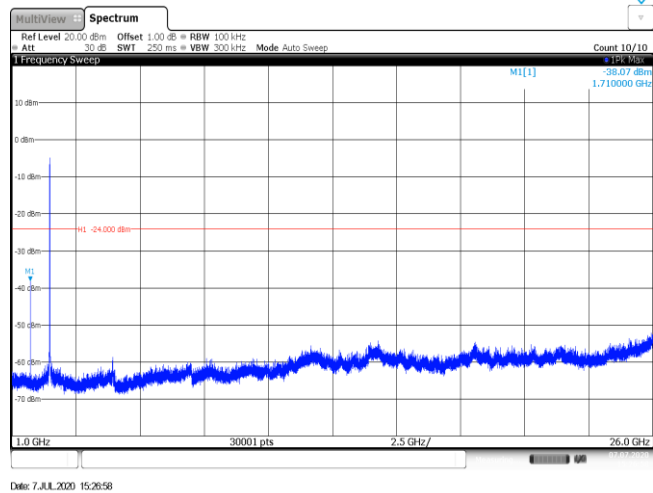
CH11
Reference level

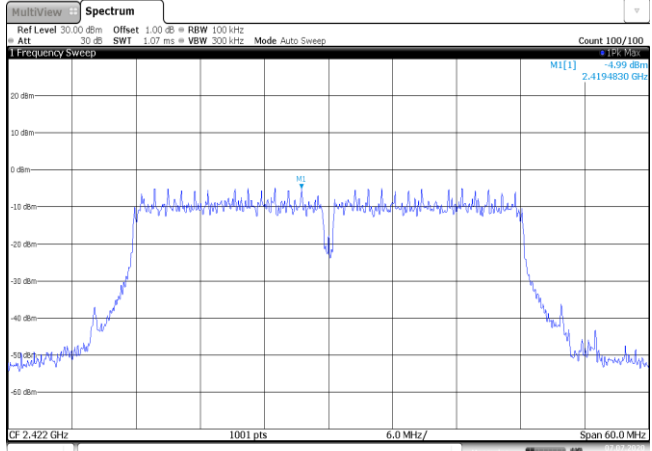
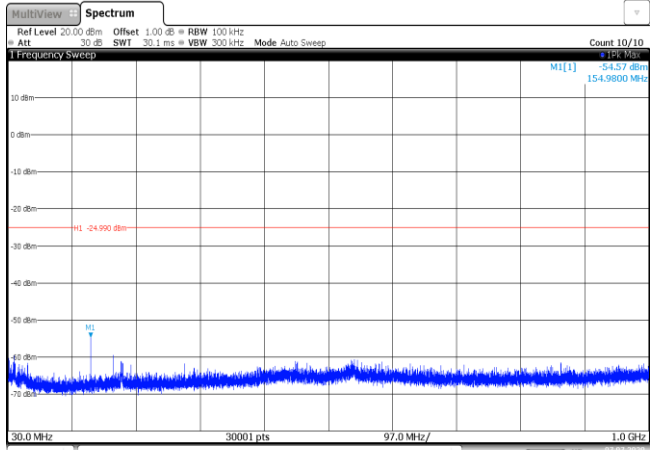
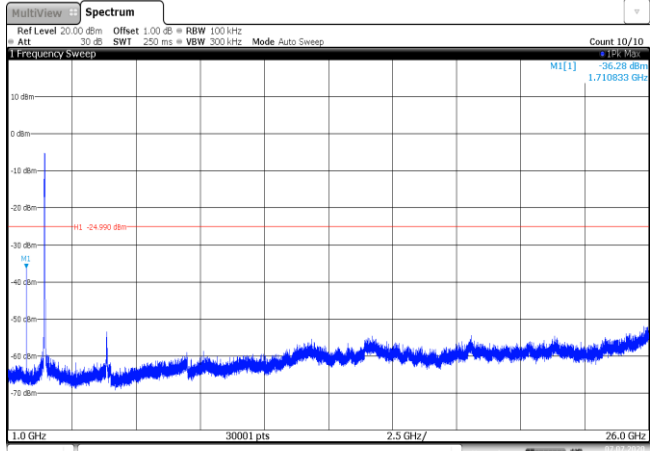


CH11
30MHz~1000MHz

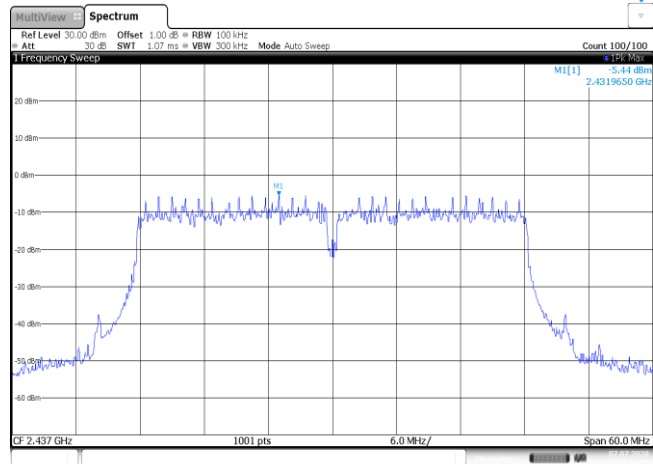


CH11
1GHz~26GHz



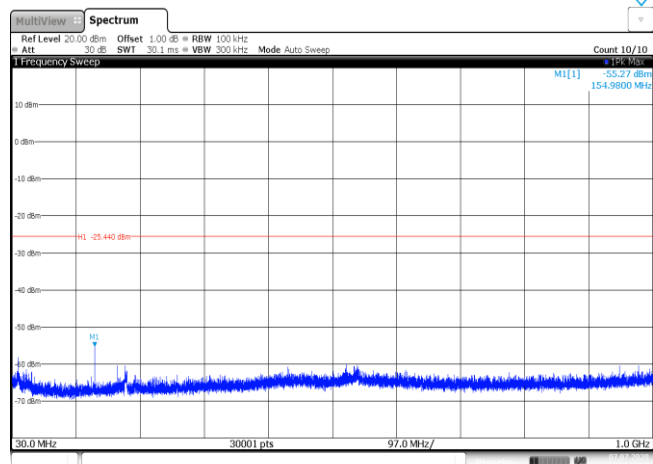
Test Item:	SE	Type:	802.11n(HT40)
<p>CH03 Reference level</p>			 <p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.07 ms VBW 300 kHz Mode Auto Sweep Count 100/100 M1[1] -4.99 dBm 2.4194830 GHz CF 2.422 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 7.JUL.2020 15:35:29</p>
<p>CH03 30MHz~1000MHz</p>			 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -54.57 dBm 154.9800 MHz H1 -24.990 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 7.JUL.2020 15:35:57</p>
<p>CH03 1GHz~26GHz</p>			 <p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 M1[1] -35.29 dBm 1.710833 GHz H1 -24.990 dBm 1.0 GHz 30001 pts 26.0 GHz/ 26.0 GHz Date: 7.JUL.2020 15:36:13</p>

CH06
Reference level



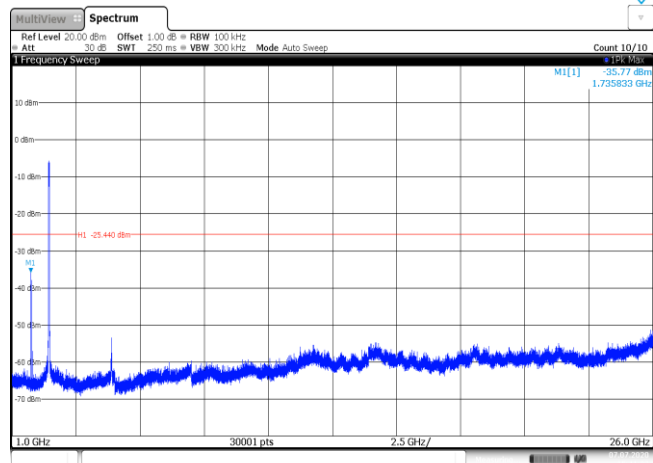
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CH06
30MHz~1000MHz



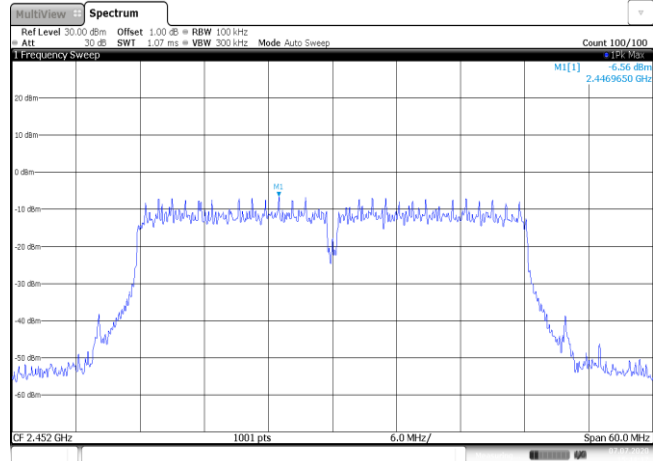
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CH06
1GHz~26GHz



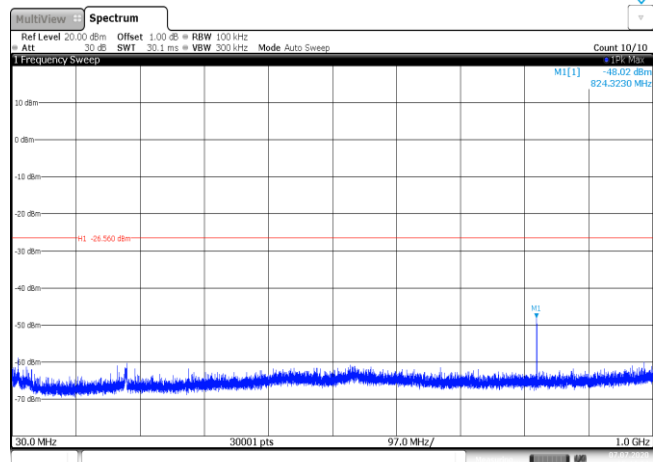
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CH09
Reference level



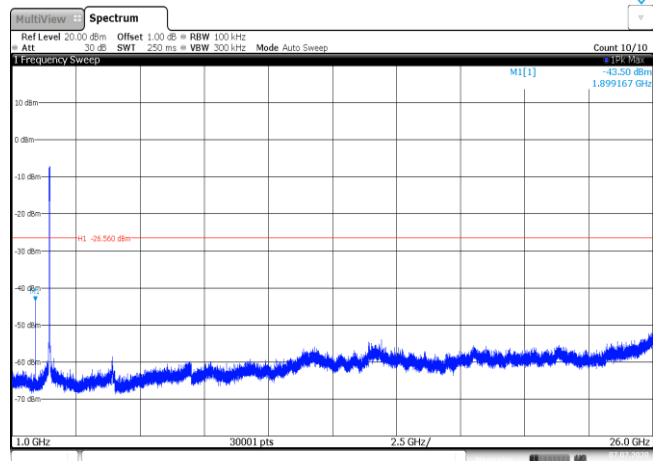
Date: 7.JUL.2020 15:44:17

CH09
30MHz~1000MHz



Date: 7.JUL.2020 15:44:33

CH09
1GHz~26GHz



Date: 7.JUL.2020 15:44:50

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