

APPENDIX REPORT

Project No.	SHT2007034701EW	Radio Specification	WIFI 2.4G
Test sample No.	YPHT20070347007	Model No.	SC 200
Start test date	2020/7/16	Finish date	2020/7/24
Temperature	25°C	Humidity	50%
Test Engineer	Jess He	Auditor	Xiaodong Zheo

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

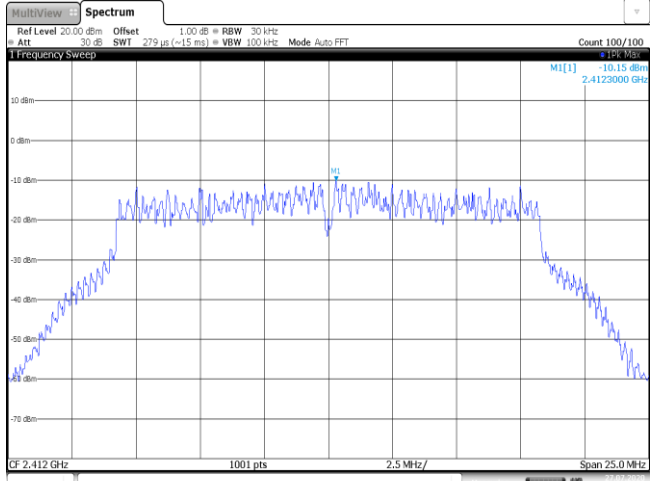
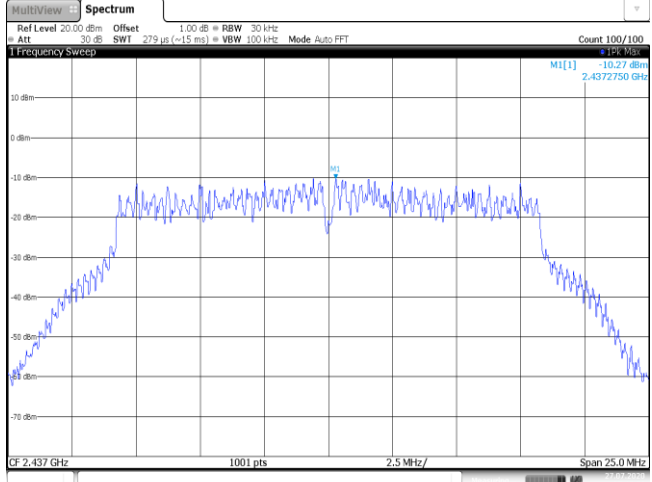
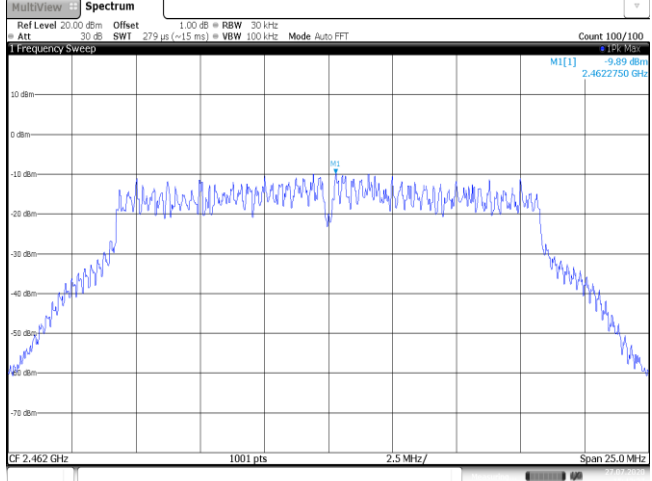
Appendix A: Conducted Peak Output Power

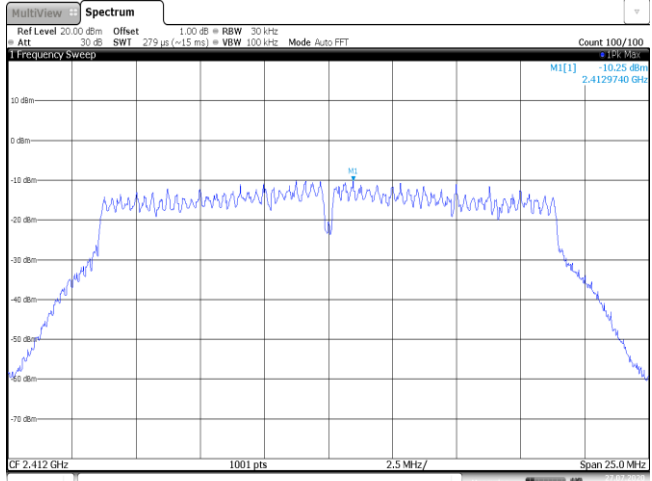
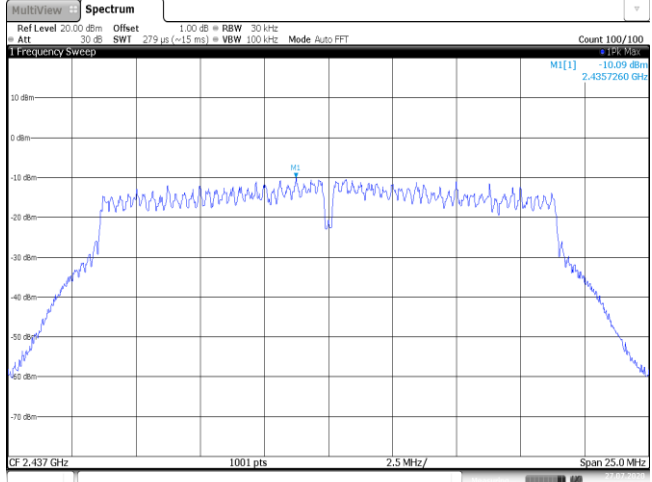
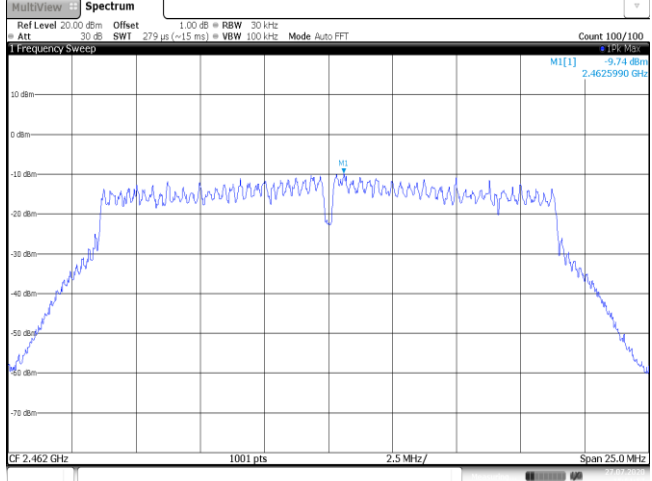
Type	Channel	Peak Output power (dBm)	Average Output power (dBm)	Limit (dBm)	Result
802.11b	01	12.92	10.79	≤ 30.00	Pass
	06	12.52	10.99		
	11	12.41	10.94		
802.11g	01	13.32	11.49	≤ 30.00	Pass
	06	11.50	10.46		
	11	13.89	11.69		
802.11n (HT20)	01	13.44	11.20	≤ 30.00	Pass
	06	13.39	11.29		
	11	13.85	11.69		

Appendix B: Power Spectral Density

Type	Channel	Power Spectral Density (dBm/30KHz)	Limit (dBm/3KHz)	Result
802.11b	01	-6.26	≤8.00	Pass
	06	-5.79		
	11	-6.75		
802.11g	01	-10.15	≤8.00	Pass
	06	-10.27		
	11	-9.89		
802.11n(HT20)	01	-10.25	≤8.00	Pass
	06	-10.09		
	11	-9.74		

Type:	802.11 b
CH01	<p>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</p> <p>Count 100/100 MI[1] 6.26 dBm 2.4121120 GHz</p> <p>CF 2.412 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz</p> <p>Date: 27.JUL.2000 15:20:10</p>
CH06	<p>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</p> <p>Count 100/100 MI[1] 5.79 dBm 2.4371120 GHz</p> <p>CF 2.437 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz</p> <p>Date: 27.JUL.2000 15:20:00</p>
CH11	<p>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</p> <p>Count 100/100 MI[1] -6.75 dBm 2.4620960 GHz</p> <p>CF 2.462 GHz 1001 pts 1.6 MHz/ Span 16.0 MHz</p> <p>Date: 27.JUL.2000 15:32:29</p>

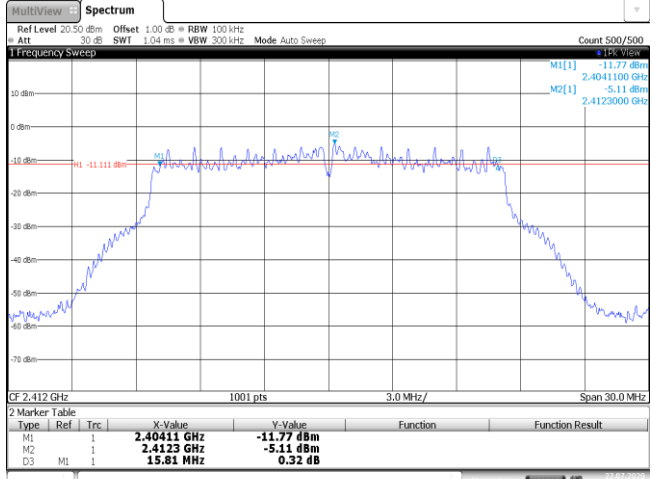
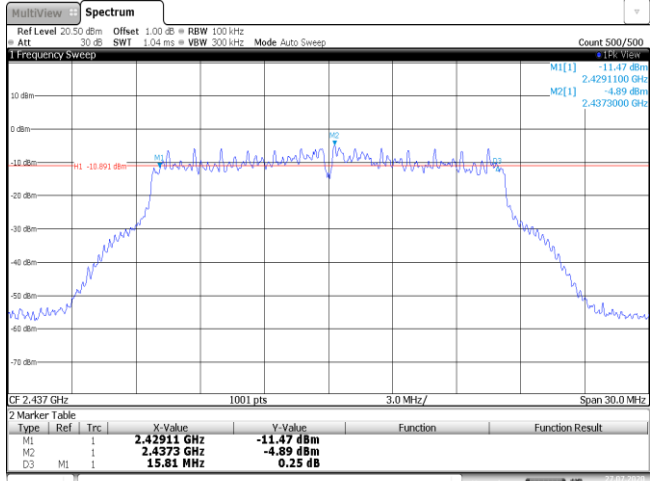
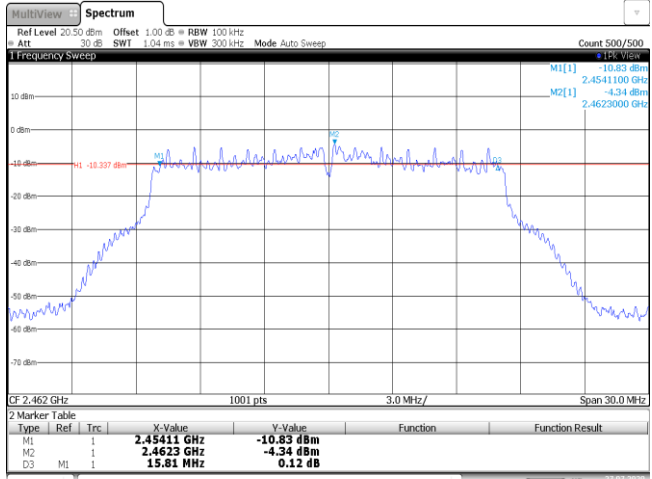
Type:		802.11 g
CH01	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -10.15 dBm 2.4123000 GHz CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 27.JUL.2000 15:36:11</p>	
CH06	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -10.27 dBm 2.4372750 GHz CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 27.JUL.2000 15:40:04</p>	
CH11	 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT Count 100/100 MI[1] -9.89 dBm 2.4622750 GHz CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz Date: 27.JUL.2000 15:42:37</p>	

Type:		802.11n(HT20)
CH01	 <p>1 Frequency Sweep</p> <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>M1[1] -10.25 dBm 2.4129740 GHz</p> <p>CF 2.412 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz</p> <p>Date: 27.JUL.2000 15:46:56</p>	
CH06	 <p>1 Frequency Sweep</p> <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>M1[1] -10.09 dBm 2.4357260 GHz</p> <p>CF 2.437 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz</p> <p>Date: 27.JUL.2000 15:49:40</p>	
CH11	 <p>1 Frequency Sweep</p> <p>Ref Level 20.00 dBm Offset 1.00 dB BW 30 kHz Att 30 dB SWI 279 us (-1.5 ms) VBW 100 kHz Mode Auto FFT</p> <p>Count 100/100</p> <p>M1[1] -9.74 dBm 2.4625990 GHz</p> <p>CF 2.462 GHz 1001 pts 2.5 MHz/ Span 25.0 MHz</p> <p>Date: 27.JUL.2000 15:51:57</p>	

Appendix C: 6dB bandwidth

Type	Channel	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	8.52	≥0.5	Pass
	06	8.52		
	11	8.43		
802.11g	01	15.81	≥0.5	Pass
	06	15.81		
	11	15.81		
802.11n(HT20)	01	17.70	≥0.5	Pass
	06	17.70		
	11	17.70		

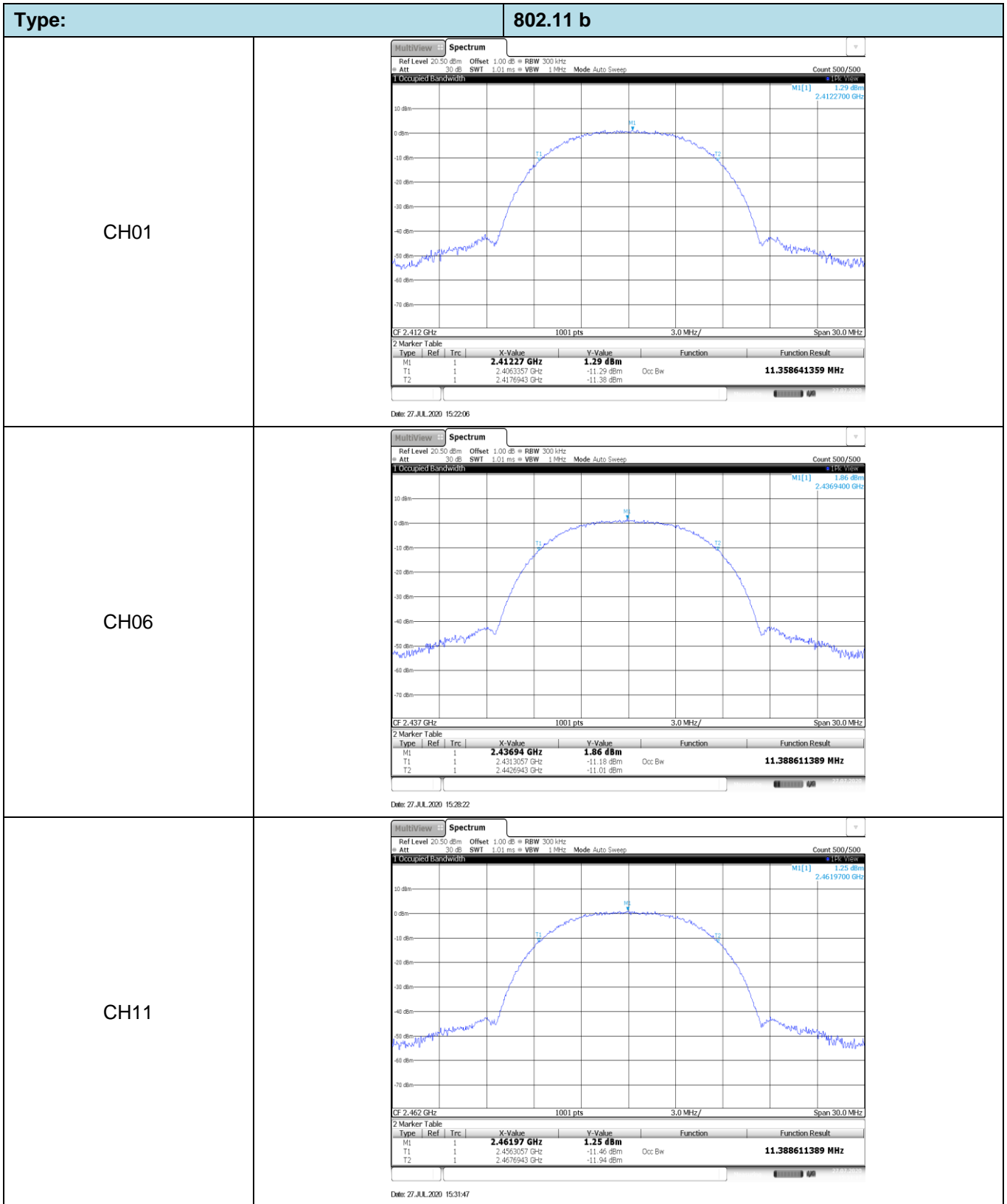
Type:	802.11 b																												
CH01	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <p>20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>GF 2.412 GHz 1001 pts 3.0 MHz/ Span 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>1</td> <td></td> <td>2.40762 GHz</td> <td>-9.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.41104 GHz</td> <td>-2.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.52 MHz</td> <td>0.26 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:21:58</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40762 GHz	-9.68 dBm			M2	1		2.41104 GHz	-2.65 dBm			D3	M1	1	8.52 MHz	0.26 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.40762 GHz	-9.68 dBm																									
M2	1		2.41104 GHz	-2.65 dBm																									
D3	M1	1	8.52 MHz	0.26 dB																									
CH06	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <p>20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>GF 2.437 GHz 1001 pts 3.0 MHz/ 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>1</td> <td></td> <td>2.43265 GHz</td> <td>-8.80 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.43607 GHz</td> <td>-2.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.52 MHz</td> <td>0.20 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:28:14</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.43265 GHz	-8.80 dBm			M2	1		2.43607 GHz	-2.49 dBm			D3	M1	1	8.52 MHz	0.20 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.43265 GHz	-8.80 dBm																									
M2	1		2.43607 GHz	-2.49 dBm																									
D3	M1	1	8.52 MHz	0.20 dB																									
CH11	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <p>20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>GF 2.462 GHz 1001 pts 3.0 MHz/ 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>1</td> <td></td> <td>2.45771 GHz</td> <td>-8.41 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.46104 GHz</td> <td>-2.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>8.43 MHz</td> <td>0.35 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:31:38</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.45771 GHz	-8.41 dBm			M2	1		2.46104 GHz	-2.05 dBm			D3	M1	1	8.43 MHz	0.35 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.45771 GHz	-8.41 dBm																									
M2	1		2.46104 GHz	-2.05 dBm																									
D3	M1	1	8.43 MHz	0.35 dB																									

Type:	802.11 g																												
CH01	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <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>2.40411 GHz</td> <td>-11.77 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4123 GHz</td> <td>-5.11 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.81 MHz</td> <td>0.32 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:35:50</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40411 GHz	-11.77 dBm			M2	1		2.4123 GHz	-5.11 dBm			D3	M1	1	15.81 MHz	0.32 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.40411 GHz	-11.77 dBm																									
M2	1		2.4123 GHz	-5.11 dBm																									
D3	M1	1	15.81 MHz	0.32 dB																									
CH06	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <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>2.42911 GHz</td> <td>-11.47 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4373 GHz</td> <td>-4.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.81 MHz</td> <td>0.25 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:39:12</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.42911 GHz	-11.47 dBm			M2	1		2.4373 GHz	-4.89 dBm			D3	M1	1	15.81 MHz	0.25 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.42911 GHz	-11.47 dBm																									
M2	1		2.4373 GHz	-4.89 dBm																									
D3	M1	1	15.81 MHz	0.25 dB																									
CH11	 <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <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>2.45411 GHz</td> <td>-10.83 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4623 GHz</td> <td>-4.34 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.81 MHz</td> <td>0.12 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:41:51</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.45411 GHz	-10.83 dBm			M2	1		2.4623 GHz	-4.34 dBm			D3	M1	1	15.81 MHz	0.12 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.45411 GHz	-10.83 dBm																									
M2	1		2.4623 GHz	-4.34 dBm																									
D3	M1	1	15.81 MHz	0.12 dB																									

Type:		802.11n(HT20)																												
CH01	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <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>2.40312 GHz</td> <td>-12.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4123 GHz</td> <td>-5.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.7 MHz</td> <td>1.49 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:46:06</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.40312 GHz	-12.99 dBm			M2	1		2.4123 GHz	-5.44 dBm			D3	M1	1	17.7 MHz	1.49 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		2.40312 GHz	-12.99 dBm																										
M2	1		2.4123 GHz	-5.44 dBm																										
D3	M1	1	17.7 MHz	1.49 dB																										
CH06	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <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>2.42812 GHz</td> <td>-11.72 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4376 GHz</td> <td>-5.01 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.7 MHz</td> <td>0.36 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:48:53</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.42812 GHz	-11.72 dBm			M2	1		2.4376 GHz	-5.01 dBm			D3	M1	1	17.7 MHz	0.36 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		2.42812 GHz	-11.72 dBm																										
M2	1		2.4376 GHz	-5.01 dBm																										
D3	M1	1	17.7 MHz	0.36 dB																										
CH11	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 500/500</p> <p>1 Frequency Sweep</p> <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>2.45315 GHz</td> <td>-11.28 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.46167 GHz</td> <td>-4.78 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.7 MHz</td> <td>-0.50 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:51:15</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.45315 GHz	-11.28 dBm			M2	1		2.46167 GHz	-4.78 dBm			D3	M1	1	17.7 MHz	-0.50 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		2.45315 GHz	-11.28 dBm																										
M2	1		2.46167 GHz	-4.78 dBm																										
D3	M1	1	17.7 MHz	-0.50 dB																										

Appendix D: 99% Occupied Bandwidth

Type	Channel	99% Bandwidth (MHz)	Limit (MHz)	Result
802.11b	01	11.36	-	Pass
	06	11.39		
	11	11.39		
802.11g	01	16.51	-	Pass
	06	16.51		
	11	16.51		
802.11n(HT20)	01	17.89	-	Pass
	06	17.86		
	11	17.89		

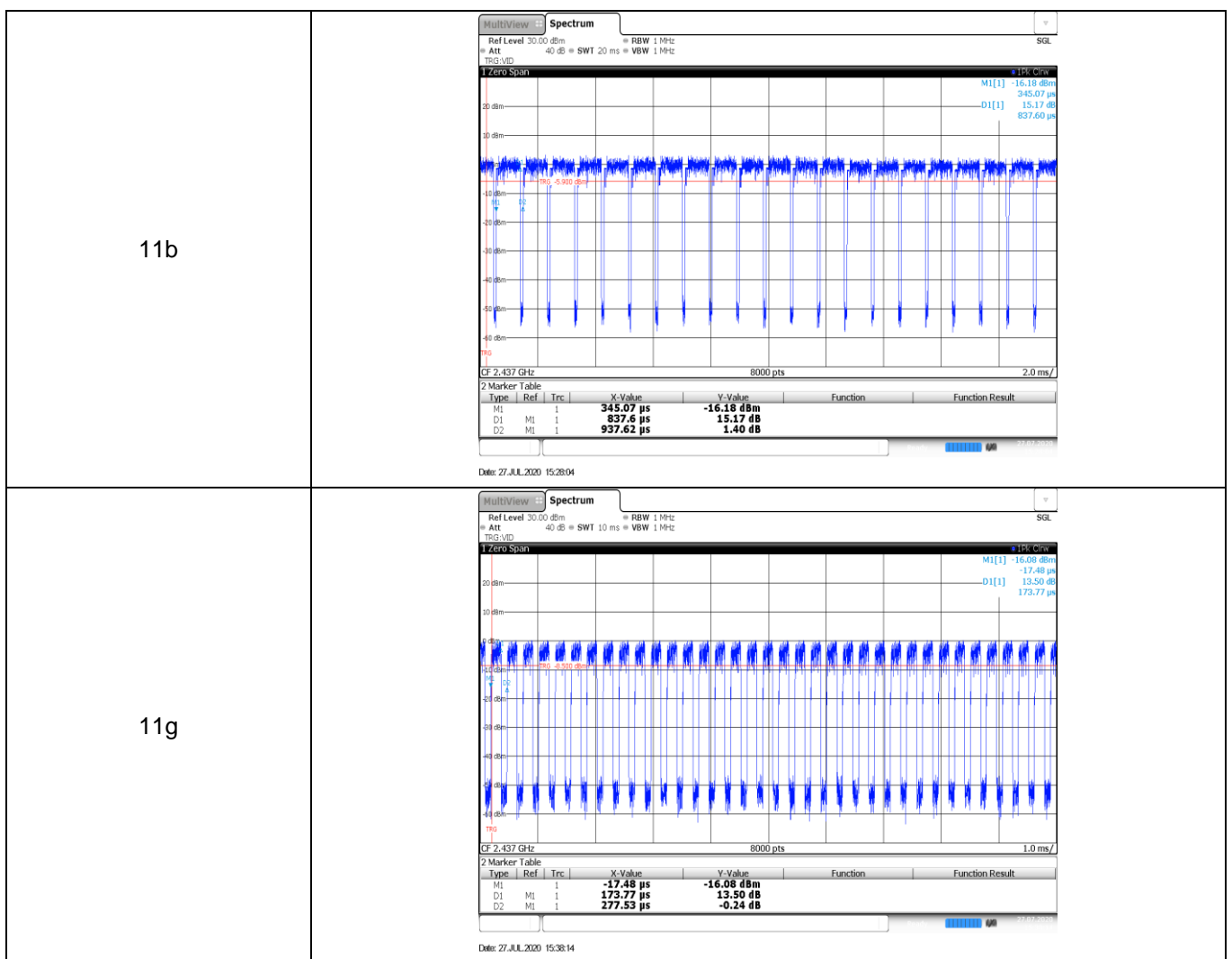


Type:	802.11 g																												
CH01	<p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.412509 GHz</td> <td>-1.56 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4037582 GHz</td> <td>-9.63 dBm</td> <td>Occ Bw</td> <td>16.513486513 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4202717 GHz</td> <td>-10.92 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:35:59</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.412509 GHz	-1.56 dBm			T1	1		2.4037582 GHz	-9.63 dBm	Occ Bw	16.513486513 MHz	T2	1		2.4202717 GHz	-10.92 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.412509 GHz	-1.56 dBm																									
T1	1		2.4037582 GHz	-9.63 dBm	Occ Bw	16.513486513 MHz																							
T2	1		2.4202717 GHz	-10.92 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>2.437509 GHz</td> <td>-1.59 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4287582 GHz</td> <td>-9.53 dBm</td> <td>Occ Bw</td> <td>16.513486513 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4452717 GHz</td> <td>-10.87 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:30:20</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.437509 GHz	-1.59 dBm			T1	1		2.4287582 GHz	-9.53 dBm	Occ Bw	16.513486513 MHz	T2	1		2.4452717 GHz	-10.87 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.437509 GHz	-1.59 dBm																									
T1	1		2.4287582 GHz	-9.53 dBm	Occ Bw	16.513486513 MHz																							
T2	1		2.4452717 GHz	-10.87 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>2.46155 GHz</td> <td>-1.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4537582 GHz</td> <td>-8.97 dBm</td> <td>Occ Bw</td> <td>16.513486513 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4702717 GHz</td> <td>-10.40 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2000 15:42:00</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.46155 GHz	-1.00 dBm			T1	1		2.4537582 GHz	-8.97 dBm	Occ Bw	16.513486513 MHz	T2	1		2.4702717 GHz	-10.40 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		2.46155 GHz	-1.00 dBm																									
T1	1		2.4537582 GHz	-8.97 dBm	Occ Bw	16.513486513 MHz																							
T2	1		2.4702717 GHz	-10.40 dBm																									

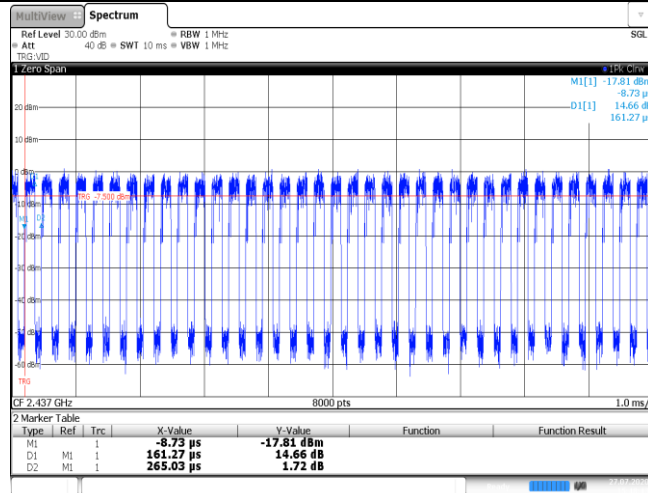
Type:		802.11n(HT20)																												
CH01	<p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.411371 GHz</td> <td>-0.62 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4030689 GHz</td> <td>-8.93 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.420961 GHz</td> <td>-8.65 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:46:15</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.411371 GHz	-0.62 dBm			T1	1		2.4030689 GHz	-8.93 dBm	Occ Bw	17.892107892 MHz	T2	1		2.420961 GHz	-8.65 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		2.411371 GHz	-0.62 dBm																										
T1	1		2.4030689 GHz	-8.93 dBm	Occ Bw	17.892107892 MHz																								
T2	1		2.420961 GHz	-8.65 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>2.43664 GHz</td> <td>-0.87 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4280689 GHz</td> <td>-9.30 dBm</td> <td>Occ Bw</td> <td>17.862137862 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.4452311 GHz</td> <td>-8.01 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:49:02</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.43664 GHz	-0.87 dBm			T1	1		2.4280689 GHz	-9.30 dBm	Occ Bw	17.862137862 MHz	T2	1		2.4452311 GHz	-8.01 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		2.43664 GHz	-0.87 dBm																										
T1	1		2.4280689 GHz	-9.30 dBm	Occ Bw	17.862137862 MHz																								
T2	1		2.4452311 GHz	-8.01 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>2.462569 GHz</td> <td>-0.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>2.4530689 GHz</td> <td>-9.40 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>2.470961 GHz</td> <td>-9.03 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:51:23</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.462569 GHz	-0.76 dBm			T1	1		2.4530689 GHz	-9.40 dBm	Occ Bw	17.892107892 MHz	T2	1		2.470961 GHz	-9.03 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		2.462569 GHz	-0.76 dBm																										
T1	1		2.4530689 GHz	-9.40 dBm	Occ Bw	17.892107892 MHz																								
T2	1		2.470961 GHz	-9.03 dBm																										

Appendix E: Duty Cycle

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

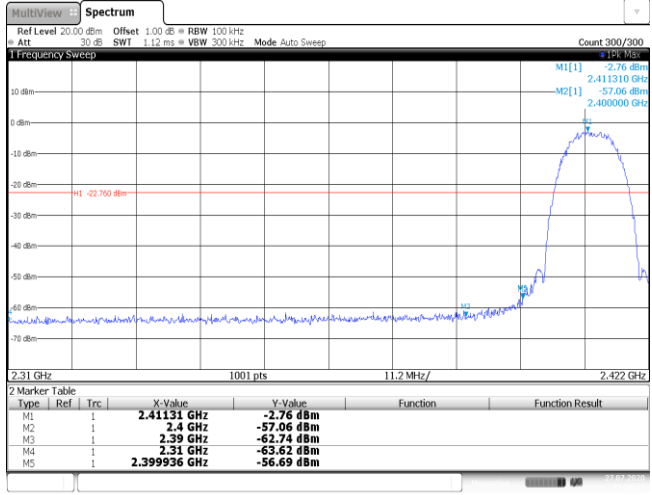
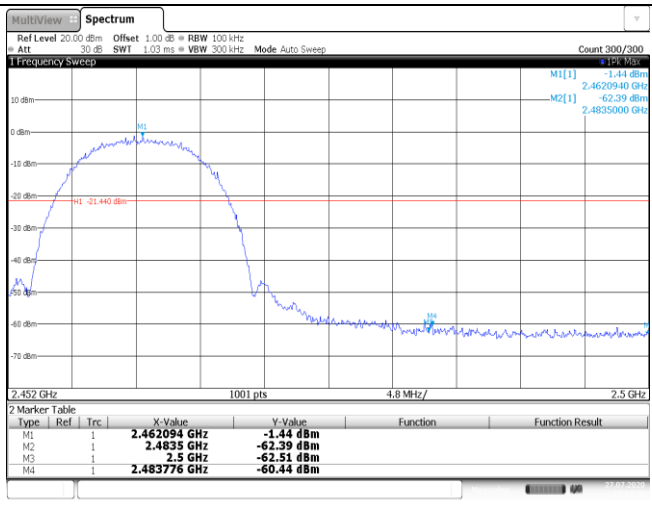


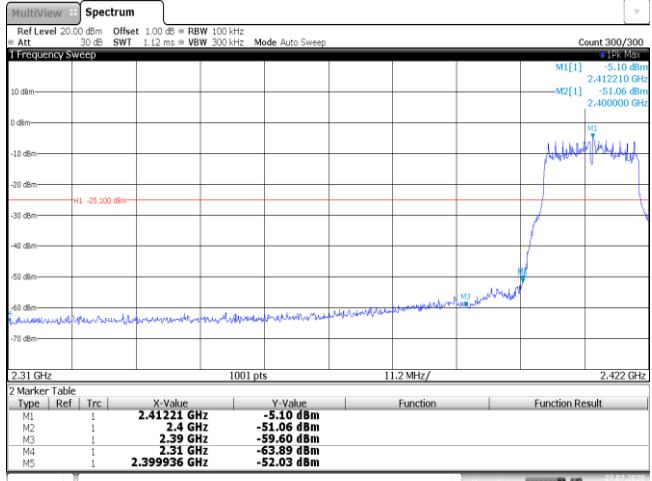
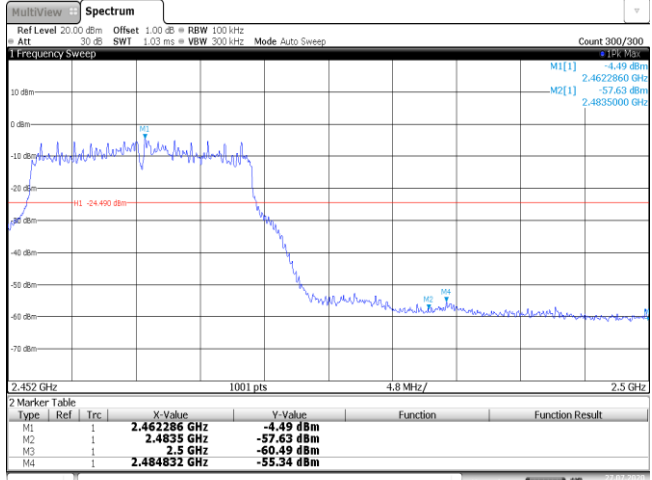
11n20



Date: 27 JUL 2020 15:48:43

Appendix F: Band edge and Spurious Emissions (conducted)

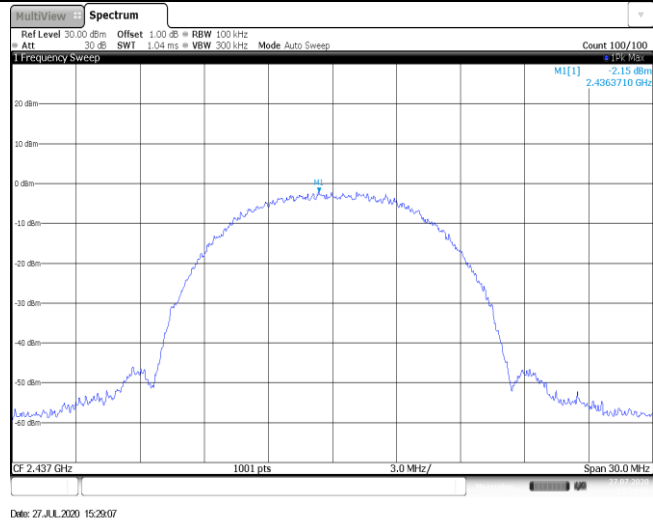
Test Item:	Bandedge	Type:	802.11 b																																										
CH01	 <p>2 Marker Table</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-Value</th> <th>Y-Value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.41131 GHz</td> <td>-2.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-57.06 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-62.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-63.62 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399936 GHz</td> <td>-56.69 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27 JUL 2020 15:20:20</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41131 GHz	-2.76 dBm			M2	1		2.4 GHz	-57.06 dBm			M3	1		2.39 GHz	-62.74 dBm			M4	1		2.31 GHz	-63.62 dBm			M5	1		2.399936 GHz	-56.69 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41131 GHz	-2.76 dBm																																									
M2	1		2.4 GHz	-57.06 dBm																																									
M3	1		2.39 GHz	-62.74 dBm																																									
M4	1		2.31 GHz	-63.62 dBm																																									
M5	1		2.399936 GHz	-56.69 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>2.462094 GHz</td> <td>-1.44 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4833 GHz</td> <td>-62.39 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-62.51 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.483776 GHz</td> <td>-60.44 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27 JUL 2020 15:32:39</p>			Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.462094 GHz	-1.44 dBm			M2	1		2.4833 GHz	-62.39 dBm			M3	1		2.5 GHz	-62.51 dBm			M4	1		2.483776 GHz	-60.44 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.462094 GHz	-1.44 dBm																																									
M2	1		2.4833 GHz	-62.39 dBm																																									
M3	1		2.5 GHz	-62.51 dBm																																									
M4	1		2.483776 GHz	-60.44 dBm																																									

Test Item:	Bandedge	Type:	802.11 g
CH01			
CH11			

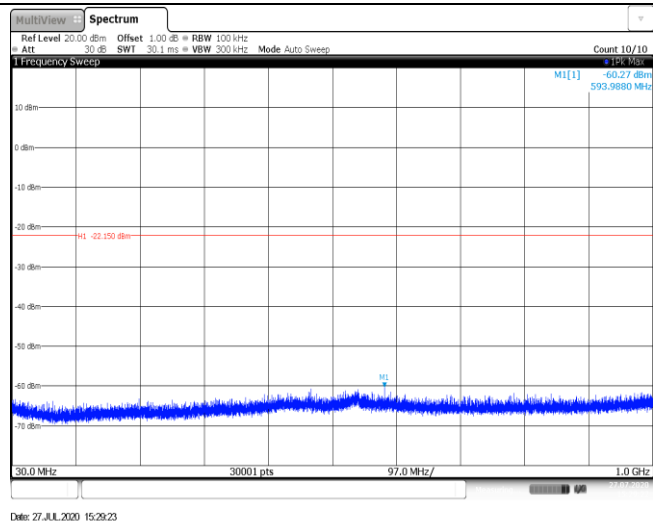
Test Item:	Bandedge	Type:	802.11 n(HT20)																																										
CH01			<p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.12 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <p>M1[1] 2.414450 GHz -5.81 dBm M2[1] 2.414450 GHz -49.32 dBm M3 2.400000 GHz</p> <p>2.31 GHz 1001 pts 11.2 MHz/ 2.422 GHz</p> <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>2.41445 GHz</td> <td>-5.81 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4 GHz</td> <td>-49.32 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.39 GHz</td> <td>-57.02 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.31 GHz</td> <td>-64.50 dBm</td> <td></td> <td></td> </tr> <tr> <td>M5</td> <td>1</td> <td></td> <td>2.399936 GHz</td> <td>-51.12 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:47:06</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.41445 GHz	-5.81 dBm			M2	1		2.4 GHz	-49.32 dBm			M3	1		2.39 GHz	-57.02 dBm			M4	1		2.31 GHz	-64.50 dBm			M5	1		2.399936 GHz	-51.12 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.41445 GHz	-5.81 dBm																																									
M2	1		2.4 GHz	-49.32 dBm																																									
M3	1		2.39 GHz	-57.02 dBm																																									
M4	1		2.31 GHz	-64.50 dBm																																									
M5	1		2.399936 GHz	-51.12 dBm																																									
CH11			<p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.03 ms VBW 300 kHz Mode Auto Sweep Count 300/300</p> <p>1 Frequency Sweep</p> <p>M1[1] 2.463293 GHz -5.19 dBm M2[1] 2.483500 GHz -56.30 dBm M3 2.4835000 GHz</p> <p>2.452 GHz 1001 pts 4.8 MHz/ 2.5 GHz</p> <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>2.463293 GHz</td> <td>-5.19 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>2.4835 GHz</td> <td>-56.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.5 GHz</td> <td>-60.60 dBm</td> <td></td> <td></td> </tr> <tr> <td>M4</td> <td>1</td> <td></td> <td>2.484688 GHz</td> <td>-55.73 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 27.JUL.2008 15:52:07</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		2.463293 GHz	-5.19 dBm			M2	1		2.4835 GHz	-56.30 dBm			M3	1		2.5 GHz	-60.60 dBm			M4	1		2.484688 GHz	-55.73 dBm									
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																																							
M1	1		2.463293 GHz	-5.19 dBm																																									
M2	1		2.4835 GHz	-56.30 dBm																																									
M3	1		2.5 GHz	-60.60 dBm																																									
M4	1		2.484688 GHz	-55.73 dBm																																									

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

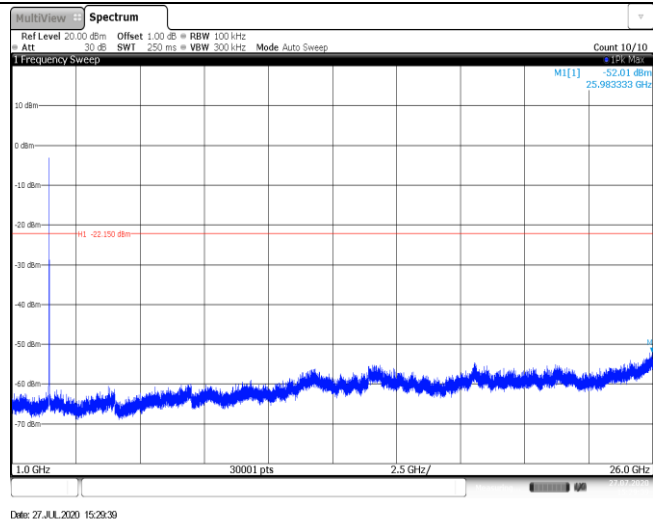
CH06
Reference level



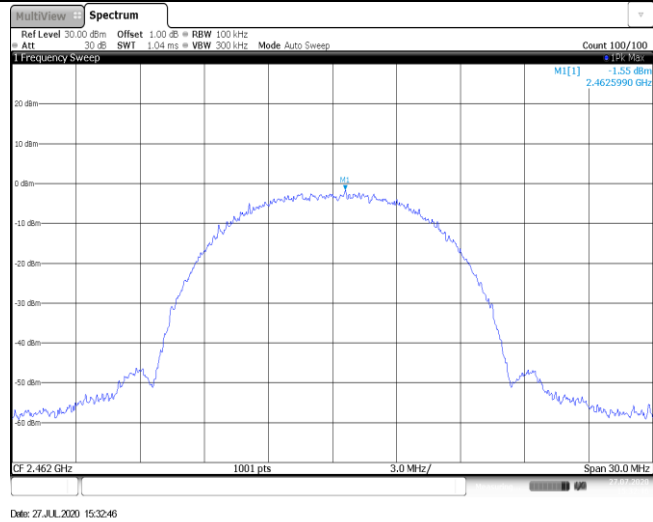
CH06
30MHz~1000MHz



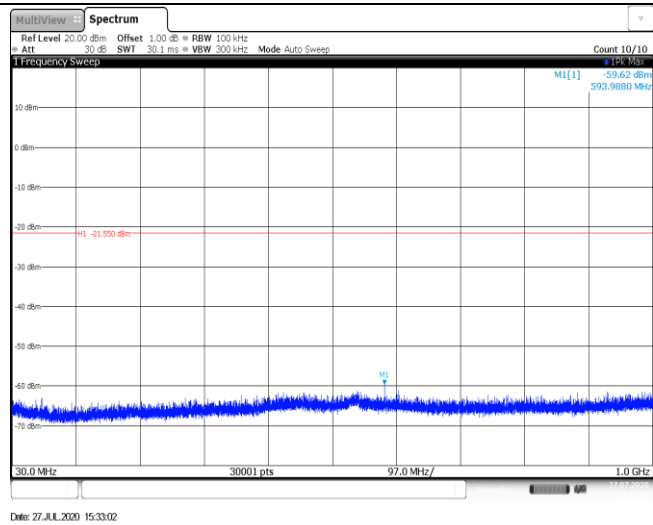
CH06
1GHz~26GHz



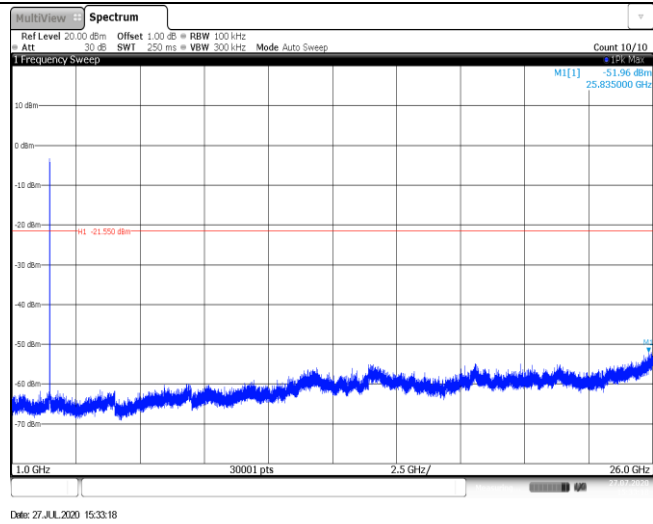
CH11
Reference level

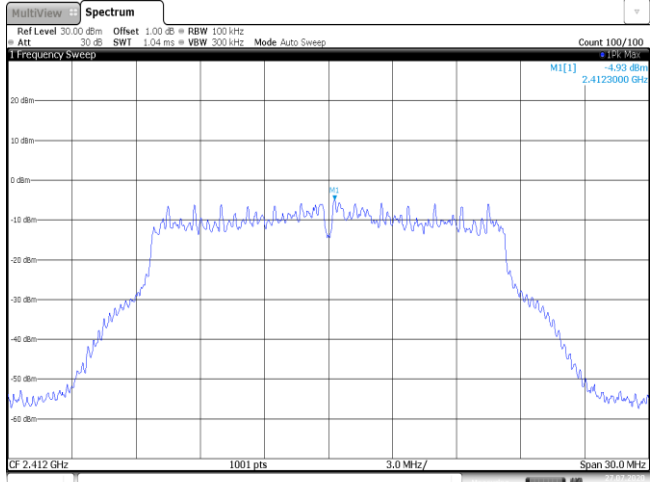
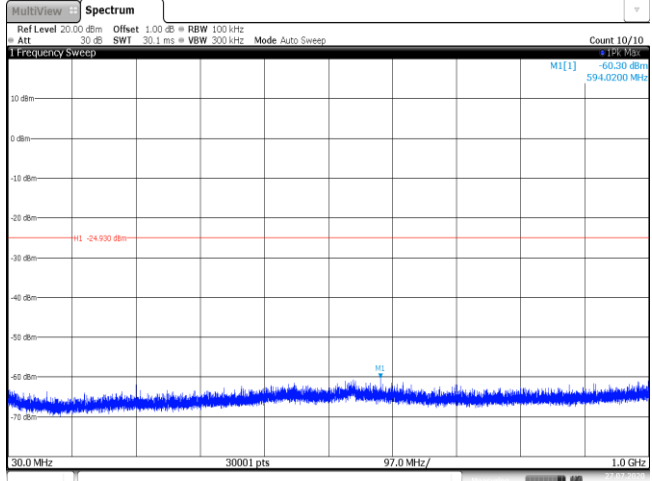
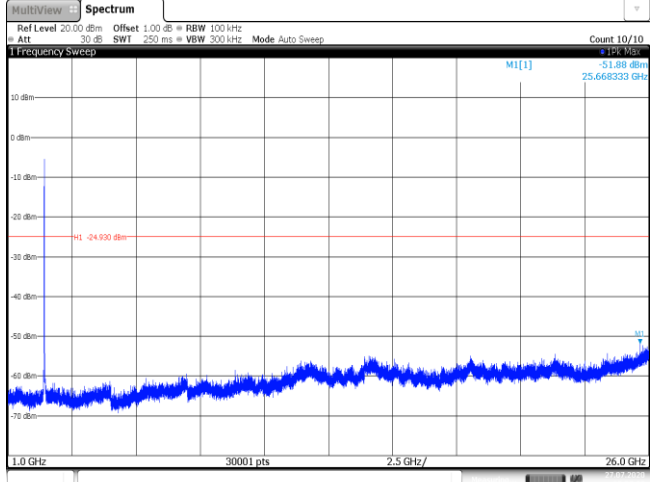


CH11
30MHz~1000MHz

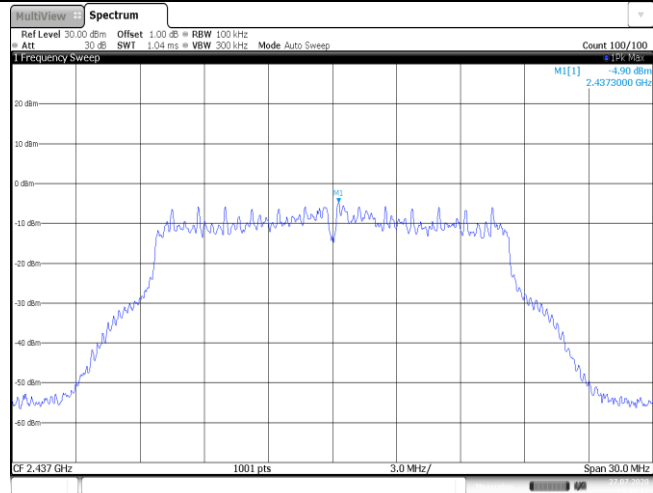


CH11
1GHz~26GHz



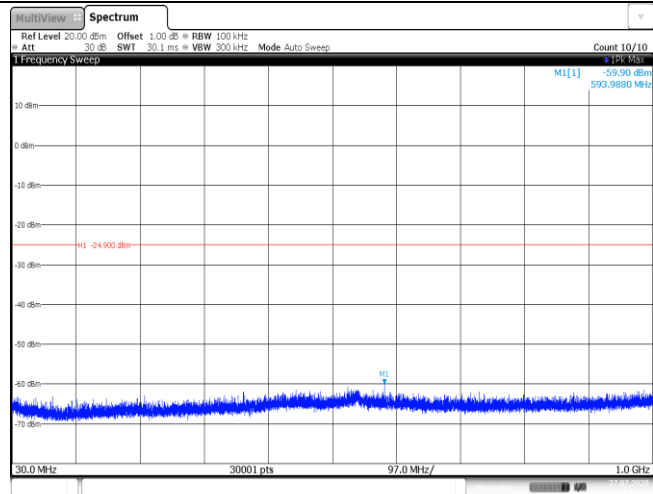
Test Item:	SE	Type:	802.11 g
<p>CH01 Reference level</p>	 <p>Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] -4.93 dBm 2.4123000 GHz Date: 27.JUL.2020 15:36:28</p>		
<p>CH01 30MHz~1000MHz</p>	 <p>Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -60.30 dBm 594.62000 MHz H1 -24.930 dBm Date: 27.JUL.2020 15:36:44</p>		
<p>CH01 1GHz~26GHz</p>	 <p>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 MI[1] -51.88 dBm 25.665333 GHz H1 -24.930 dBm Date: 27.JUL.2020 15:37:00</p>		

CH06
Reference level



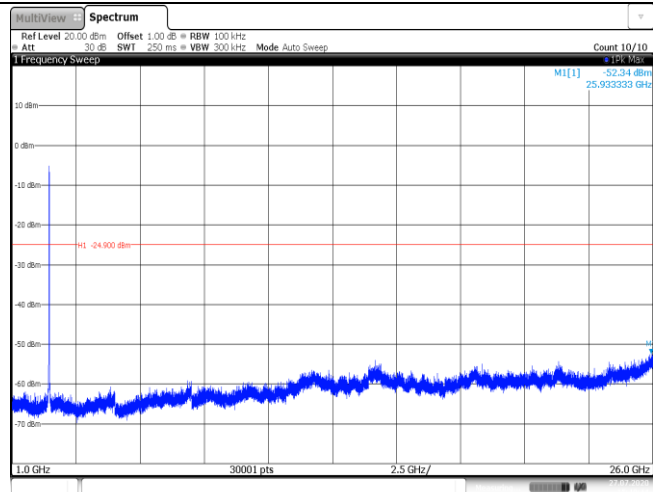
Date: 27.JUL.2020 15:40:11

CH06
30MHz~1000MHz



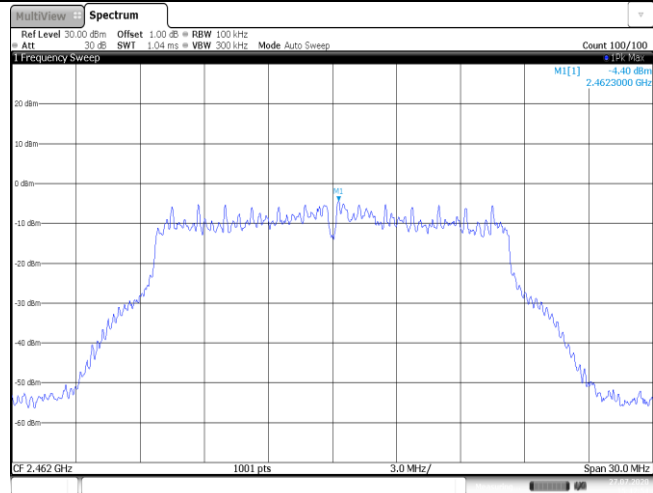
Date: 27.JUL.2020 15:40:27

CH06
1GHz~26GHz



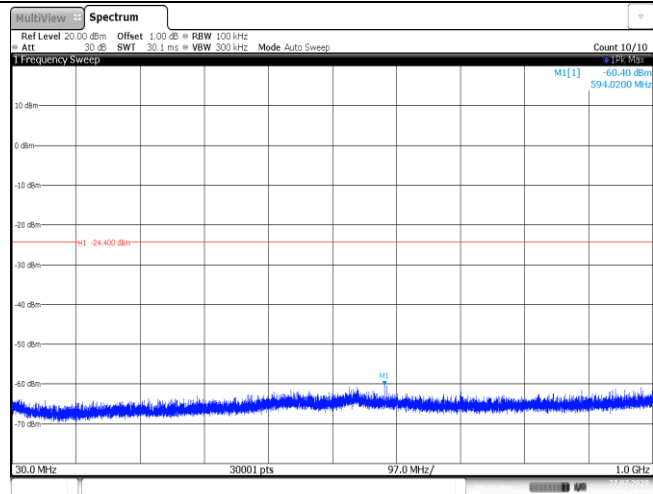
Date: 27.JUL.2020 15:40:43

CH11
Reference level



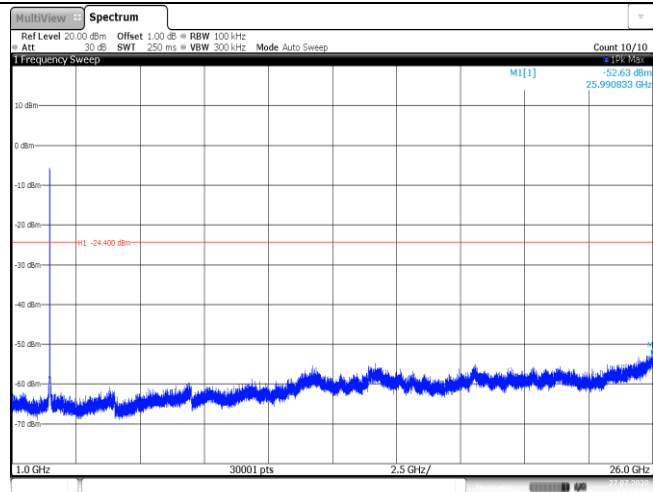
Date: 27.JUL.2020 15:42:54

CH11
30MHz~1000MHz

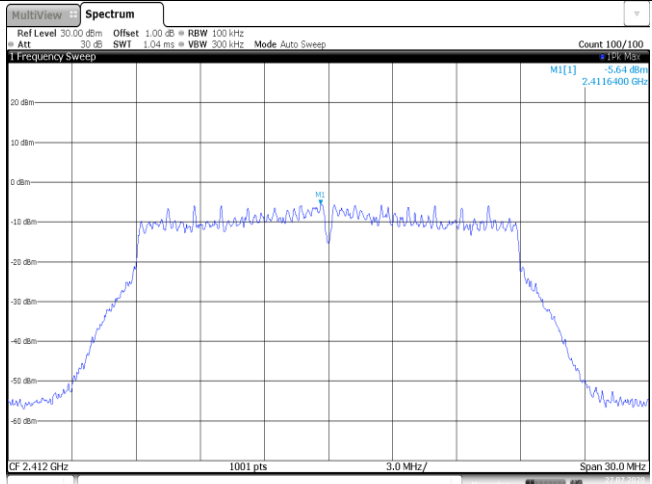
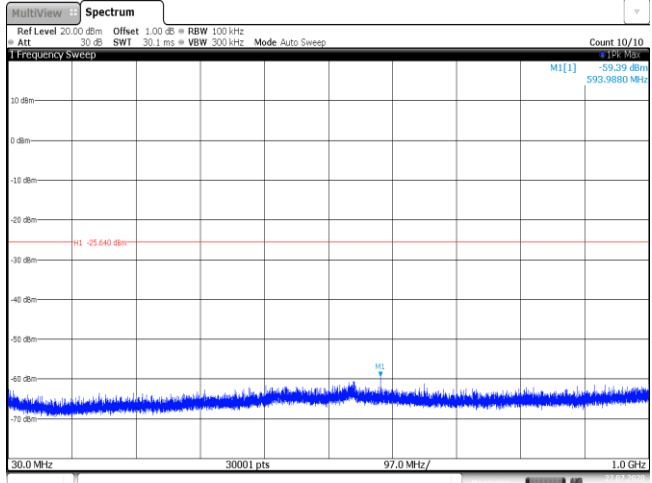
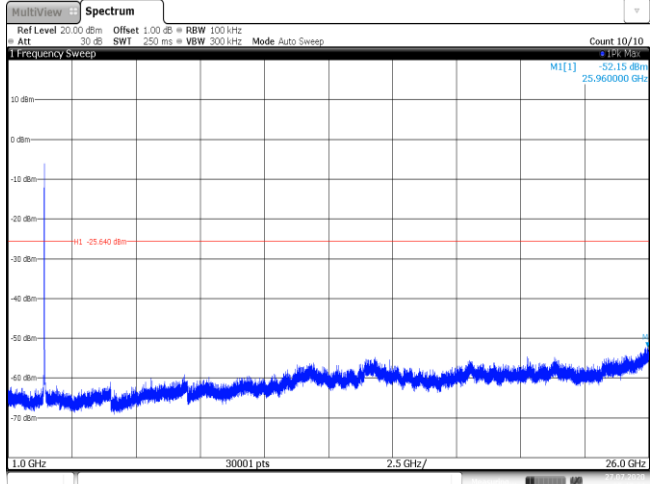


Date: 27.JUL.2020 15:43:10

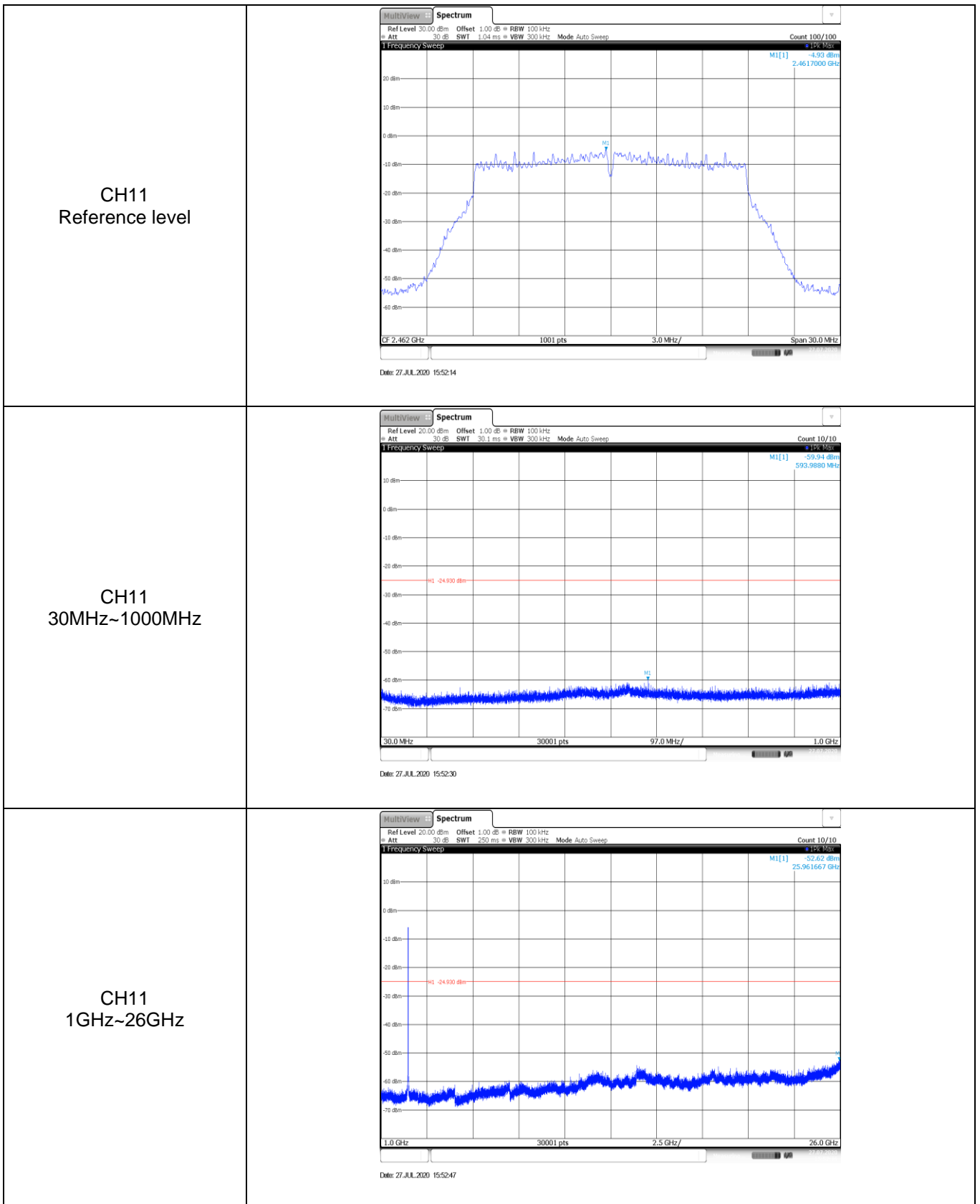
CH11
1GHz~26GHz



Date: 27.JUL.2020 15:43:26

Test Item:	SE	Type:	802.11 n(HT20)
<p>CH01 Reference level</p>			 <p>Ref Level 30.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 MI[1] -5.64 dBm 2.4116400 GHz CF 2.412 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 27.JUL.2020 15:47:13</p>
<p>CH01 30MHz~1000MHz</p>			 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 30.1 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -59.39 dBm 593.9880 MHz H1 -25.640 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 27.JUL.2020 15:47:29</p>
<p>CH01 1GHz~26GHz</p>			 <p>Ref Level 20.00 dBm Offset 1.00 dB BW 100 kHz Att 30 dB SWI 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 MI[1] -52.15 dBm 25.960000 GHz H1 -25.640 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 27.JUL.2020 15:47:45</p>

<p>CH06 Reference level</p>	<p>MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 1.04 ms VBW 300 kHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -5.44 dBm 2.4363710 GHz CF 2.437 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 27.JUL.2020 15:48:47</p>
<p>CH06 30MHz~1000MHz</p>	<p>MultiView 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 1 Frequency Sweep M1[1] -60.26 dBm 593.9880 MHz M1 -25.440 dBm 30.0 MHz 30001 pts 97.0 MHz/ 1.0 GHz Date: 27.JUL.2020 15:50:03</p>
<p>CH06 1GHz~26GHz</p>	<p>MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 250 ms VBW 300 kHz Mode Auto Sweep Count 10/10 1 Frequency Sweep M1[1] -51.06 dBm 25.993333 GHz M1 -25.440 dBm 1.0 GHz 30001 pts 2.5 GHz/ 26.0 GHz Date: 27.JUL.2020 15:50:19</p>



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