

APPENDIX REPORT

Project No.	SHT2004155101EW	Radio Specification	WIFI 5G
Test sample No.	YPHT20041551001	Model No.	HTN4000MPC
Start test date	2020/5/13	Finish date	2020/5/19
Temperature	25°C	Humidity	50%
Test Engineer	Jinyue.Yan	Auditor	<i>William.wang</i>

Appendix clause	Test item	Result
A	Maximum Conducted Output Power	PASS
B	Maximum Power Spectral Density	PASS
C	26 dB Bandwidth	PASS
D	99% Occupy bandwidth	PASS
E	6 dB Bandwidth	PASS
F	Band edge	PASS
G	Frequency stability	PASS

Appendix A: Maximum Conducted Output Power

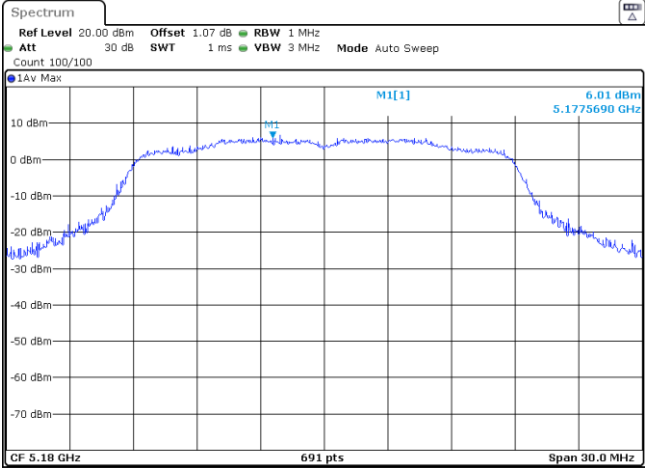
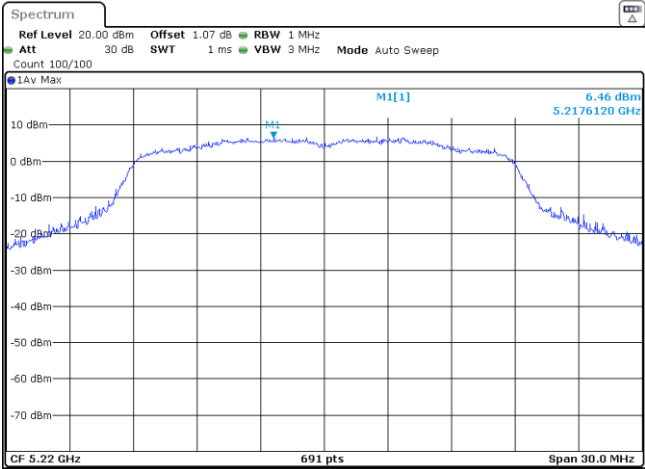
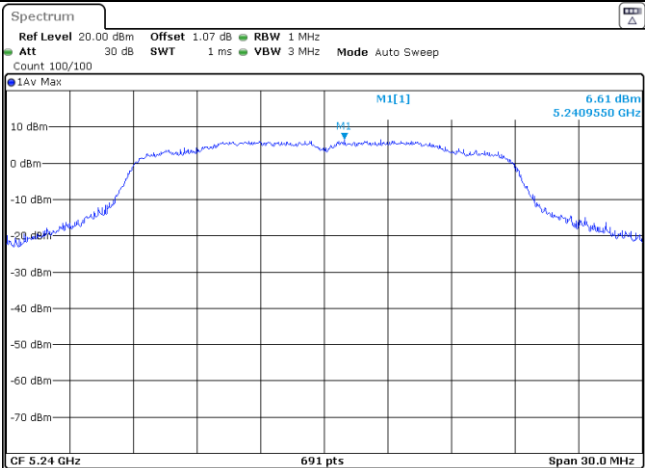
Band	Bandwidth (MHz)	Type	Channel	duty cycle (%)	duty cycle factor (dB)	Conducted Output Power (dBm)	Limit (dBm)	Result
I	20	802.11ac	CH _L	99.5	0	16.52	24.00	Pass
			CH _M	99.5	0	17.01		
			CH _H	99.5	0	16.98		
		802.11n	CH _L	99.5	0	16.55	24.00	Pass
			CH _M	99.5	0	17.02		
			CH _H	99.5	0	16.95		
	802.11a	CH _L	99.5	0	16.11	24.00	Pass	
		CH _M	99.5	0	17.69			
		CH _H	99.5	0	17.00			
	40	802.11ac	CH _L	98.6	0	16.73	24.00	Pass
			CH _H	98.6	0	17.12		
		802.11n	CH _L	98.6	0	16.59	24.00	Pass
CH _H			98.6	0	16.79			
80	802.11ac	CH _M	98.3	0	17.07	24.00	Pass	
IV	20	802.11ac	CH _L	99.3	0	16.81	30.00	Pass
			CH _M	99.3	0	15.76		
			CH _H	99.3	0	15.27		
		802.11n	CH _L	99.4	0	16.86	30.00	Pass
			CH _M	99.4	0	15.83		
			CH _H	99.4	0	15.25		
	802.11a	CH _L	99.3	0	16.00	30.00	Pass	
		CH _M	99.3	0	15.03			
		CH _H	99.3	0	15.41			
	40	802.11ac	CH _L	98.7	0	16.61	30.00	Pass
			CH _H	98.7	0	15.73		
		802.11n	CH _L	98.6	0	16.28	30.00	Pass
CH _H			98.6	0	15.45			
80	802.11ac	CH _M	98.2	0	16.23	30.00	Pass	

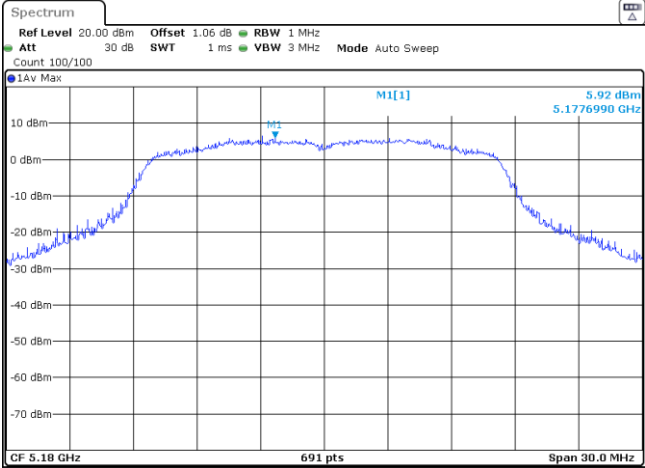
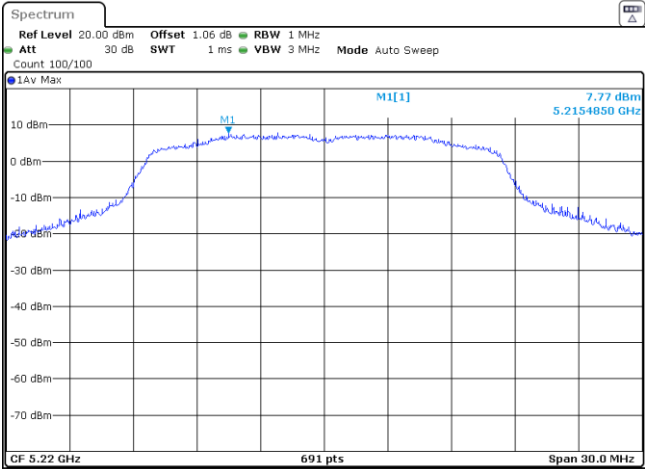
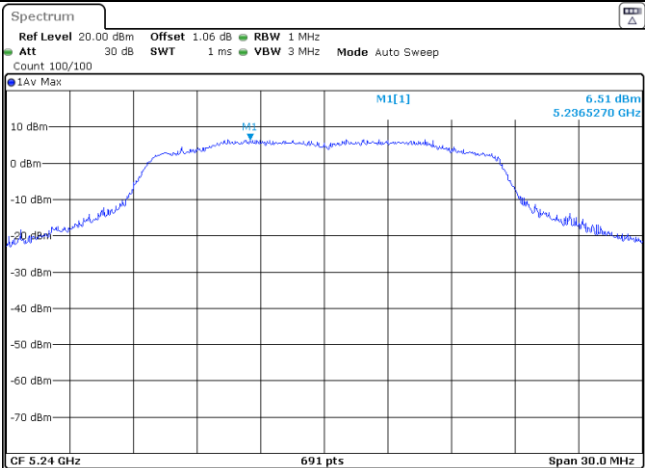
NOTE: duty cycle factor =10LOG(1/ duty cycle)

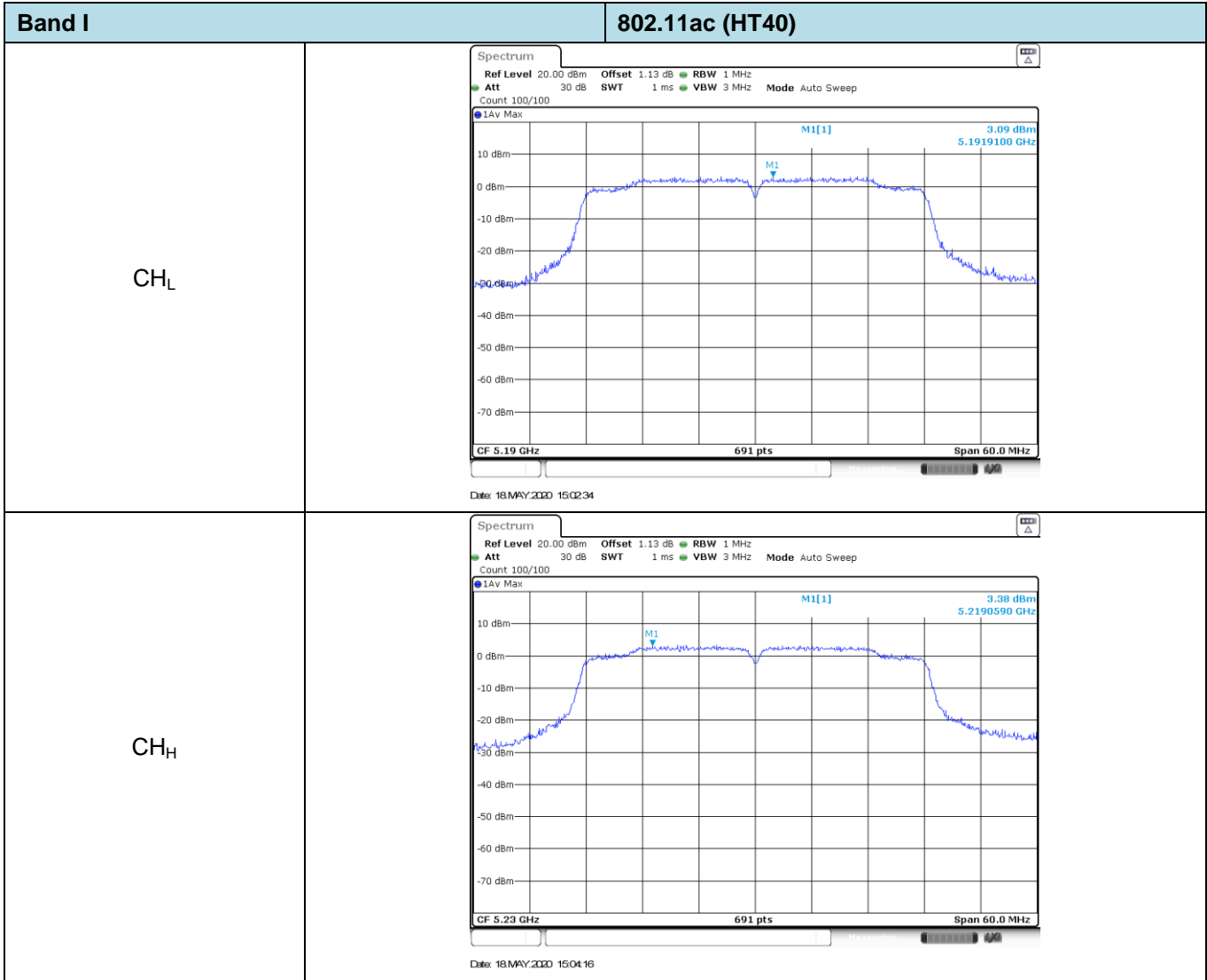
Appendix B: Maximum Power Spectral Density

Band	Bandwidth (MHz)	Type	Channel	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
I	20	802.11ac	CH _L	6.22	11.00	Pass
			CH _M	6.69		
			CH _H	6.43		
		802.11n	CH _L	6.01	11.00	Pass
			CH _M	6.46		
			CH _H	6.61		
		802.11a	CH _L	5.92	11.00	Pass
			CH _M	7.77		
			CH _H	6.51		
	40	802.11ac	CH _L	3.09	11.00	Pass
			CH _H	3.38		
		802.11n	CH _L	2.93	11.00	Pass
CH _H			3.36			
80	802.11ac	CH _M	0.92	11.00	Pass	
Band	Bandwidth (MHz)	Type	Channel	Power Spectral Density (dBm/500kHz)	Limit (dBm/500KHz)	Result
IV	20	802.11ac	CH _L	5.00	30.00	Pass
			CH _M	4.22		
			CH _H	4.06		
		802.11n	CH _L	5.25	30.00	Pass
			CH _M	4.24		
			CH _H	3.82		
		802.11a	CH _L	4.34	30.00	Pass
			CH _M	4.08		
			CH _H	4.49		
	40	802.11ac	CH _L	2.05	30.00	Pass
			CH _H	0.68		
		802.11n	CH _L	1.51	30.00	Pass
CH _H			0.49			
80	802.11ac	CH _M	-1.40	30.00	Pass	

Band I		802.11ac (HT20)
CH _L	<p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.07 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAv Max</p> <p>6.22 dBm 5.1832560 GHz</p> <p>CF 5.18 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:57:51</p>	
CH _M	<p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.07 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAv Max</p> <p>6.69 dBm 5.2217370 GHz</p> <p>CF 5.22 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:59:49</p>	
CH _H	<p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.07 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAv Max</p> <p>6.43 dBm 5.2361790 GHz</p> <p>CF 5.24 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 15:00:55</p>	

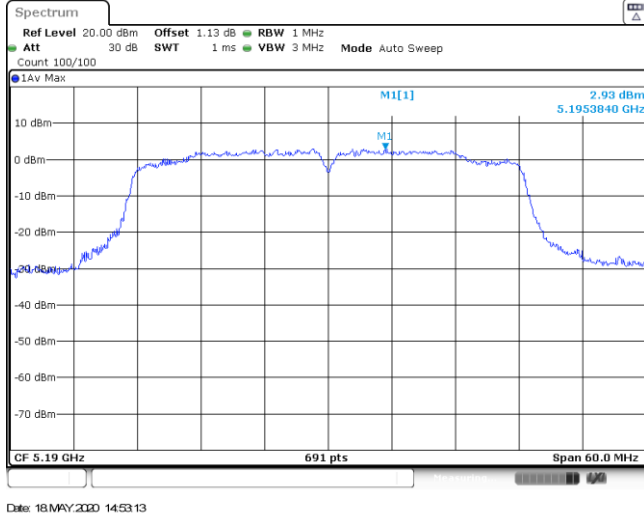
Band I		802.11n (HT20)
CH _L	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.07 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAv Max</p> <p>M1[1] 6.01 dBm 5.175690 GHz</p> <p>CF 5.18 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:46:23</p>	
CH _M	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.07 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAv Max</p> <p>M1[1] 6.46 dBm 5.2176120 GHz</p> <p>CF 5.22 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:46:00</p>	
CH _H	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.07 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAv Max</p> <p>M1[1] 6.61 dBm 5.2409550 GHz</p> <p>CF 5.24 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:46:20</p>	

Band I		802.11a
CH _L	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.06 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAV Max</p> <p>5.92 dBm 5.1776990 GHz</p> <p>CF 5.18 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:32:40</p>	
CH _M	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.06 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAV Max</p> <p>7.77 dBm 5.2154850 GHz</p> <p>CF 5.22 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:38:13</p>	
CH _H	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.06 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IAV Max</p> <p>6.51 dBm 5.2365270 GHz</p> <p>CF 5.24 GHz 691 pts Span 30.0 MHz</p> <p>Date: 18.MAY.2020 14:43:36</p>	

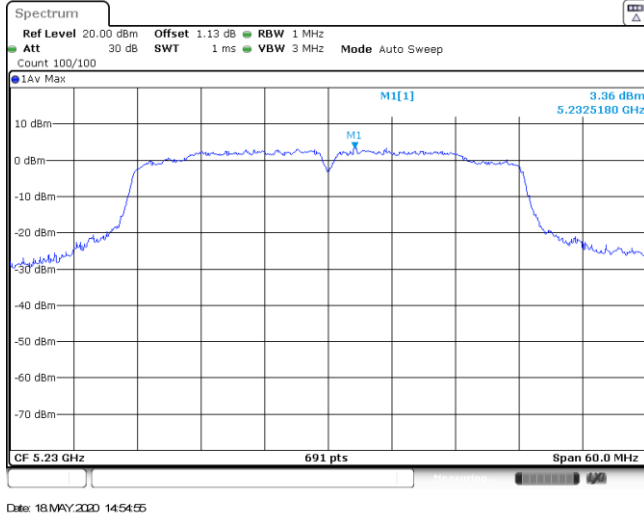


Band I **802.11n (HT40)**

CH_L

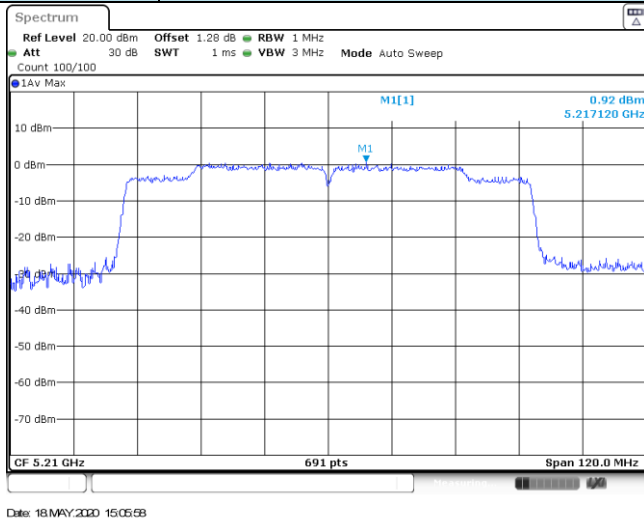


CH_H



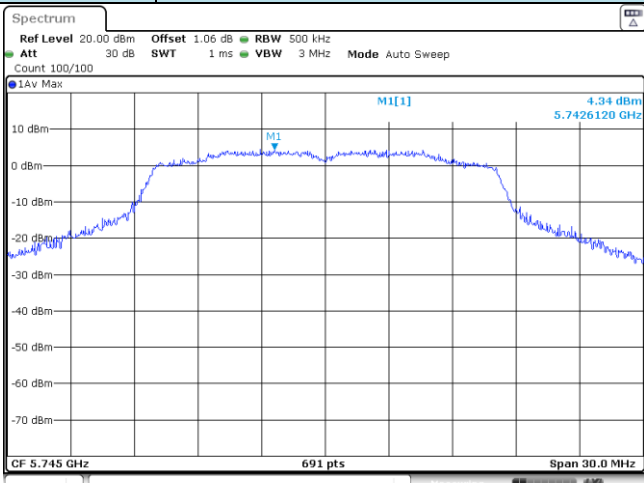
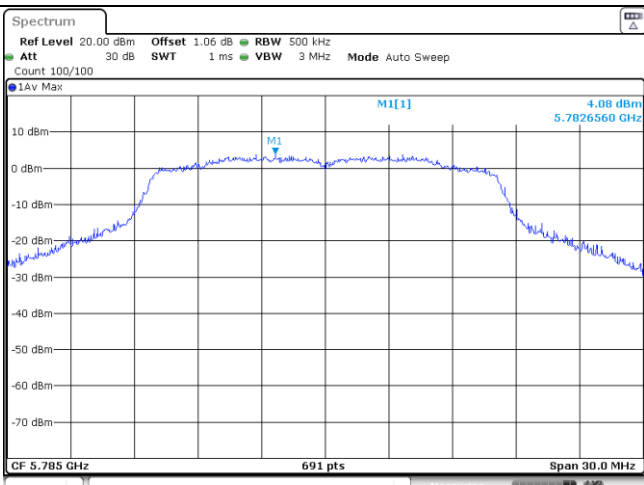
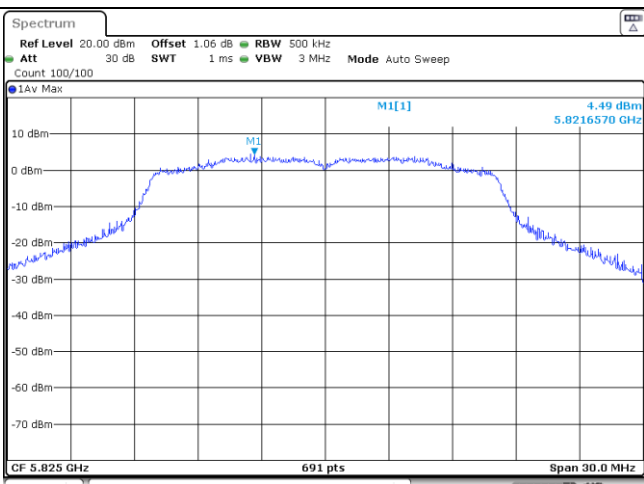
Band I **802.11ac (HT80)**

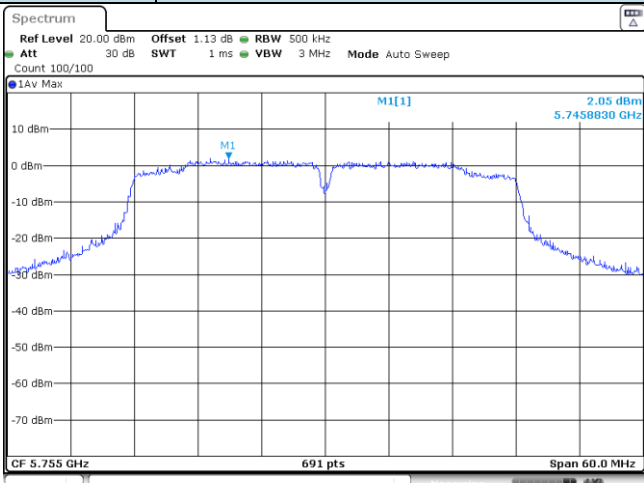
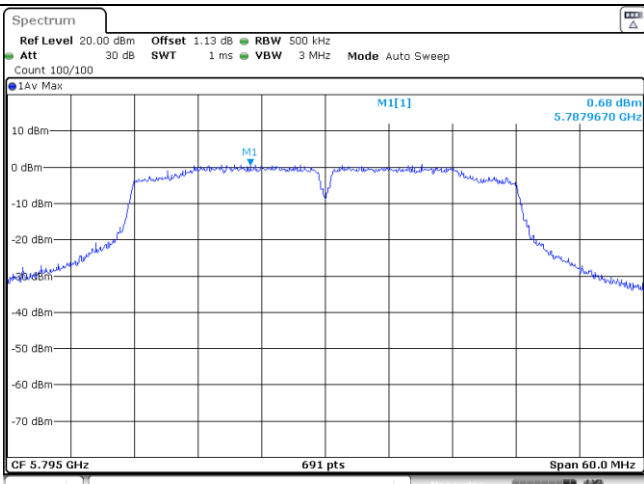
CH_M



Band IV		802.11ac (HT20)
CH _L	<p> Spectrum Ref Level 20.00 dBm Offset 1.06 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max 5.00 dBm 5.7420480 GHz CF 5.745 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:43:31 </p>	
CH _M	<p> Spectrum Ref Level 20.00 dBm Offset 1.07 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max 4.22 dBm 5.7859990 GHz CF 5.785 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:46:24 </p>	
CH _H	<p> Spectrum Ref Level 20.00 dBm Offset 1.06 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max 4.06 dBm 5.8276050 GHz CF 5.825 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:47:48 </p>	

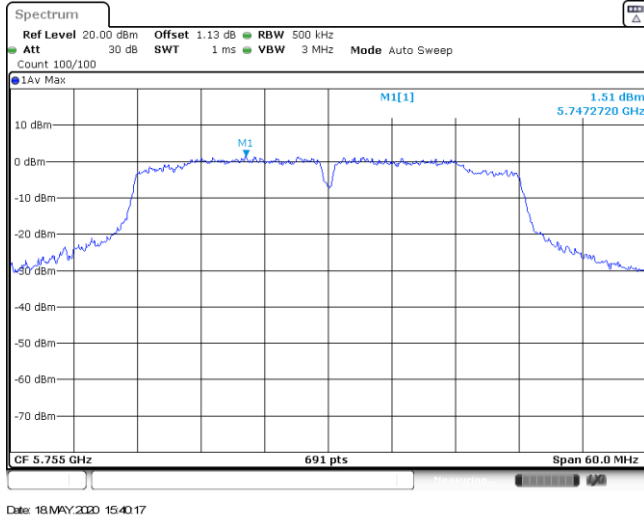
Band IV		802.11n (HT20)
CH _L	<p>Ref Level 20.00 dBm Offset 1.07 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max M1[1] 5.25 dBm 5.7420480 GHz CF 5.745 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:34:55</p>	
CH _M	<p>Ref Level 20.00 dBm Offset 1.07 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max M1[1] 4.24 dBm 5.7821350 GHz CF 5.785 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:36:24</p>	
CH _H	<p>Ref Level 20.00 dBm Offset 1.07 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max M1 3.82 dBm 5.8202680 GHz CF 5.825 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:37:51</p>	

Band IV		802.11a
CH _L	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.06 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max M1 M1[1] 4.34 dBm 5.7426120 GHz CF 5.745 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:30:27</p>	
CH _M	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.06 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max M1 M1[1] 4.08 dBm 5.7826560 GHz CF 5.785 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:32:29</p>	
CH _H	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.06 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 IAv Max M1 M1[1] 4.49 dBm 5.8216570 GHz CF 5.825 GHz 691 pts Span 30.0 MHz Date: 18.MAY.2020 15:33:30</p>	

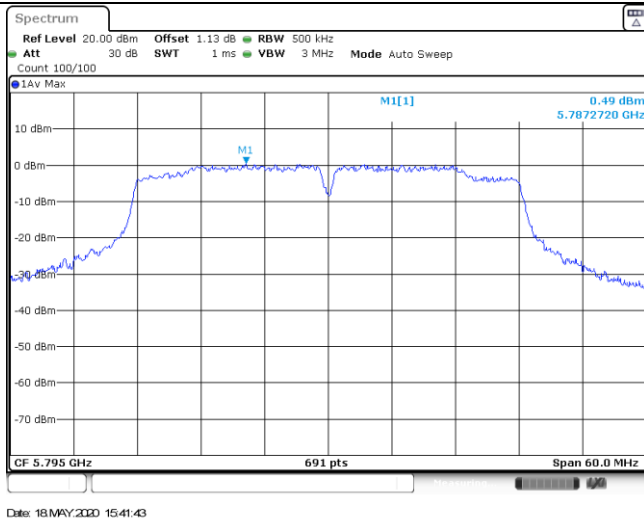
Band IV		802.11ac (HT40)
CH _L	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.13 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IA V Max</p> <p>2.05 dBm 5.7458830 GHz</p> <p>M1[1]</p> <p>M1</p> <p>CF 5.755 GHz 691 pts Span 60.0 MHz</p> <p>Date: 18.MAY.2020 15:49:53</p>	
CH _H	 <p>Spectrum</p> <p>Ref Level 20.00 dBm Offset 1.13 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100</p> <p>IA V Max</p> <p>0.68 dBm 5.7879670 GHz</p> <p>M1[1]</p> <p>M1</p> <p>CF 5.795 GHz 691 pts Span 60.0 MHz</p> <p>Date: 18.MAY.2020 15:52:18</p>	

Band IV **802.11n (HT40)**

CH_L



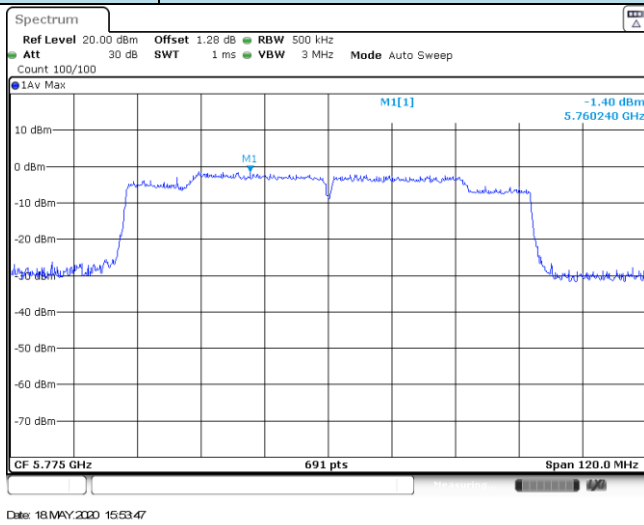
CH_H



Band IV

802.11ac (HT80)

CH_M

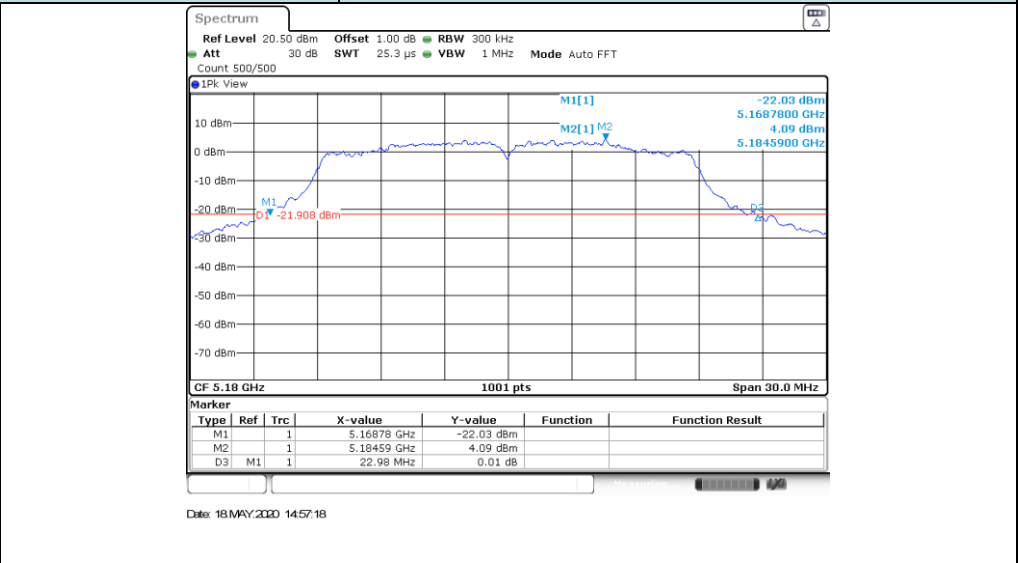


Appendix C: 26dB bandwidth

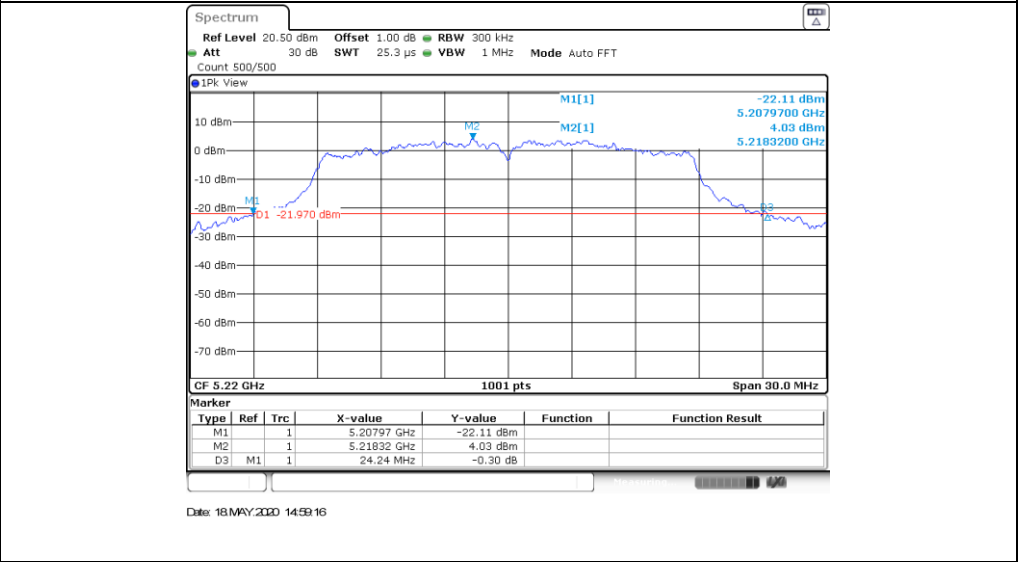
Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
I	20	802.11ac	CH _L	22.98	Pass
			CH _M	24.24	
			CH _H	22.83	
		802.11n	CH _L	21.84	Pass
			CH _M	24.00	
			CH _H	24.27	
		802.11a	CH _L	21.30	Pass
			CH _M	22.86	
			CH _H	25.32	
	40	802.11ac	CH _L	42.36	Pass
			CH _H	43.56	
		802.11n	CH _L	42.00	Pass
CH _H			44.34		
80	802.11ac	CH _M	82.08	Pass	

Band I **802.11ac (HT20)**

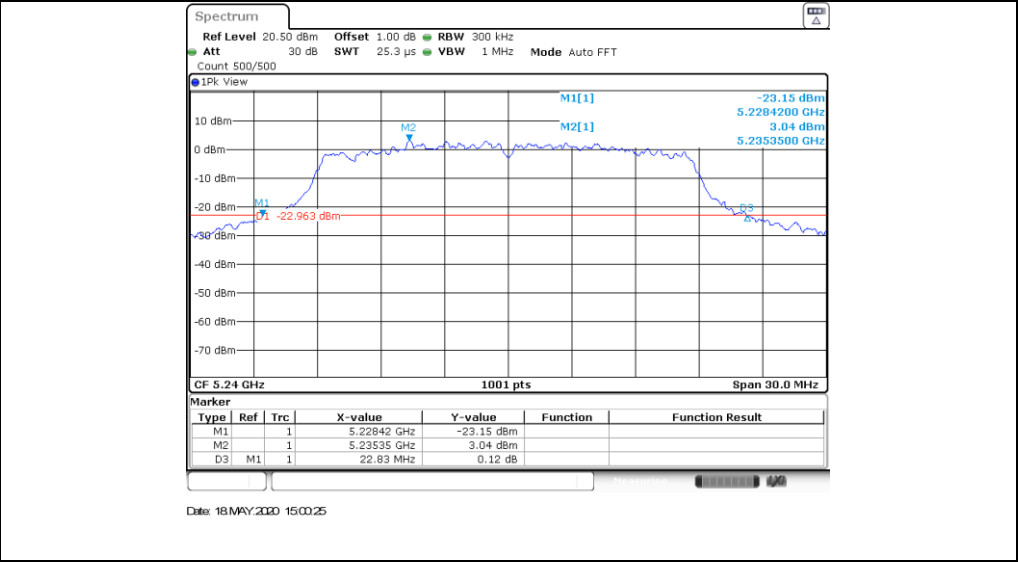
CH_L



CH_M



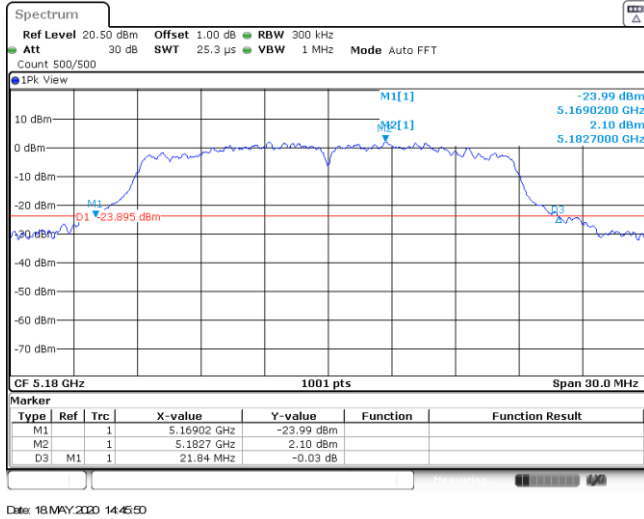
CH_H



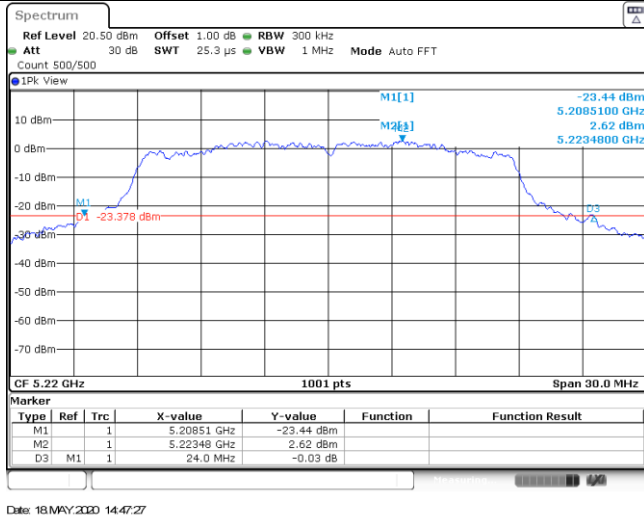
Band I

802.11n (HT20)

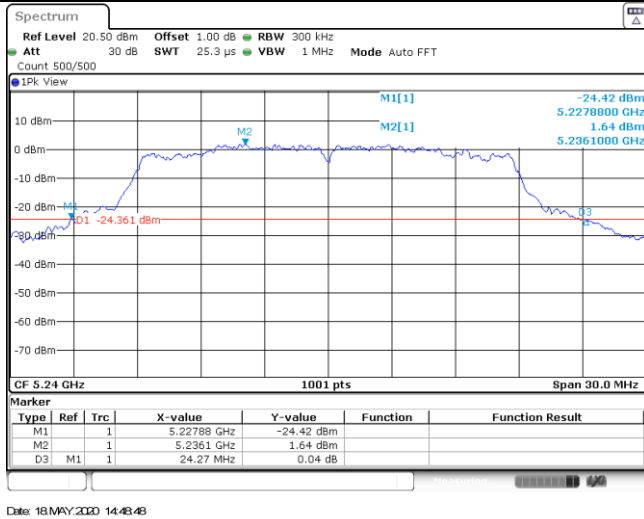
CH_L

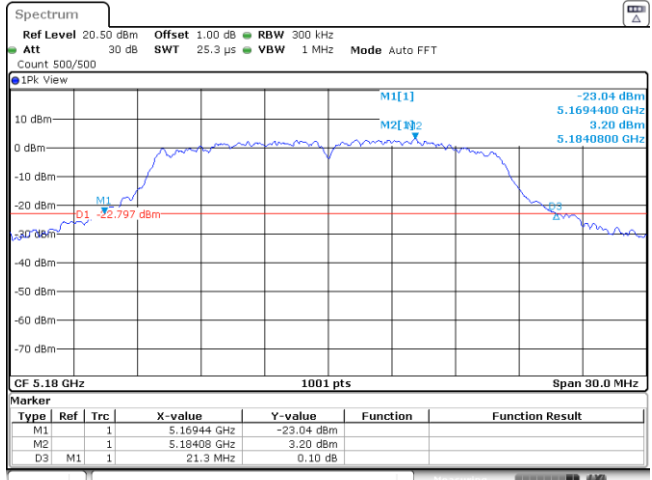
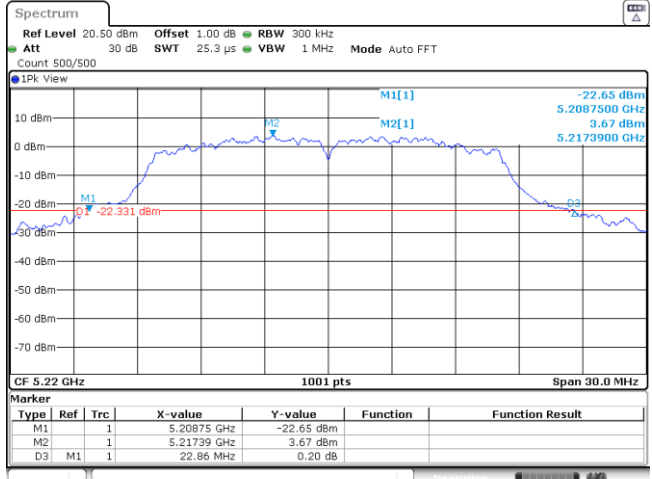
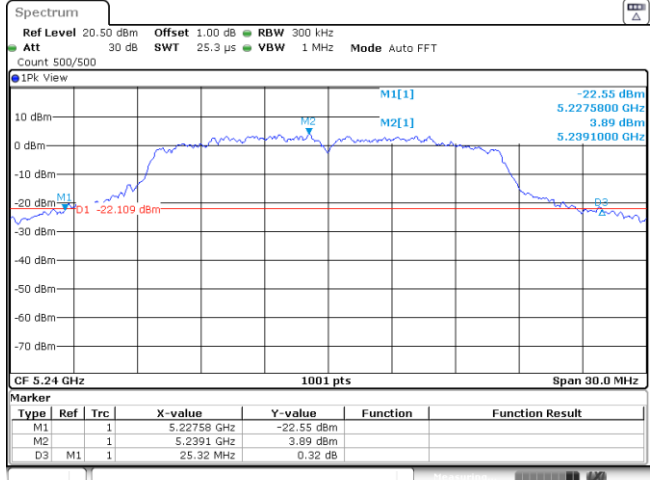


CH_M



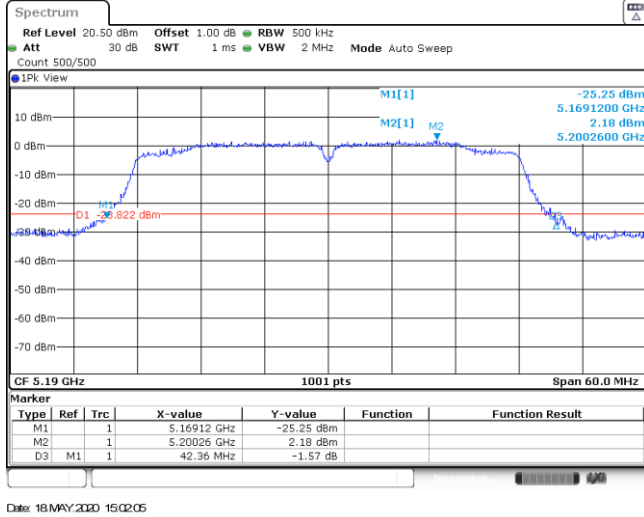
CH_H



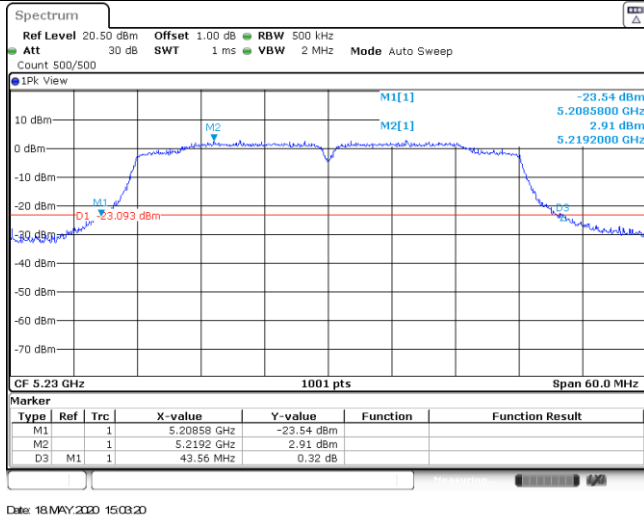
Band I		802.11a																												
CH _L	 <p>Marker</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td>1</td> <td>5.18444 GHz</td> <td>-23.04 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>5.18408 GHz</td> <td>3.20 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>21.3 MHz</td> <td>0.10 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 14:32:07</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	5.18444 GHz	-23.04 dBm			M2	1	1	5.18408 GHz	3.20 dBm			D3	M1	1	21.3 MHz	0.10 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1	1	1	5.18444 GHz	-23.04 dBm																										
M2	1	1	5.18408 GHz	3.20 dBm																										
D3	M1	1	21.3 MHz	0.10 dB																										
CH _M	 <p>Marker</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td>1</td> <td>5.20875 GHz</td> <td>-22.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>5.21739 GHz</td> <td>3.67 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>22.86 MHz</td> <td>0.20 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 14:37:13</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	5.20875 GHz	-22.65 dBm			M2	1	1	5.21739 GHz	3.67 dBm			D3	M1	1	22.86 MHz	0.20 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1	1	1	5.20875 GHz	-22.65 dBm																										
M2	1	1	5.21739 GHz	3.67 dBm																										
D3	M1	1	22.86 MHz	0.20 dB																										
CH _H	 <p>Marker</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td>1</td> <td>5.22758 GHz</td> <td>-22.55 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td>1</td> <td>5.2391 GHz</td> <td>3.89 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>25.32 MHz</td> <td>0.32 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 14:42:57</p>		Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1	1	5.22758 GHz	-22.55 dBm			M2	1	1	5.2391 GHz	3.89 dBm			D3	M1	1	25.32 MHz	0.32 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1	1	1	5.22758 GHz	-22.55 dBm																										
M2	1	1	5.2391 GHz	3.89 dBm																										
D3	M1	1	25.32 MHz	0.32 dB																										

Band I **802.11ac (HT40)**

CH_L

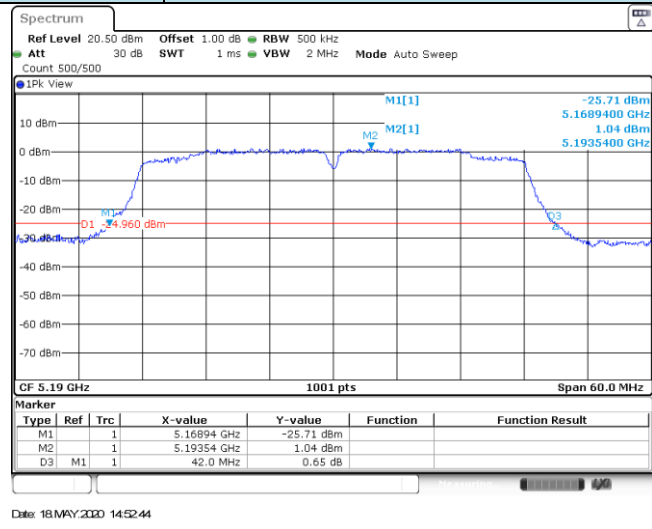


CH_H

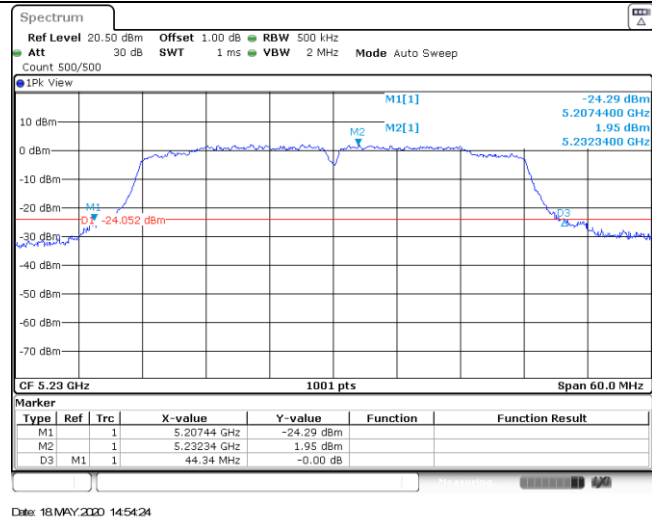


Band I **802.11n (HT40)**

CH_L

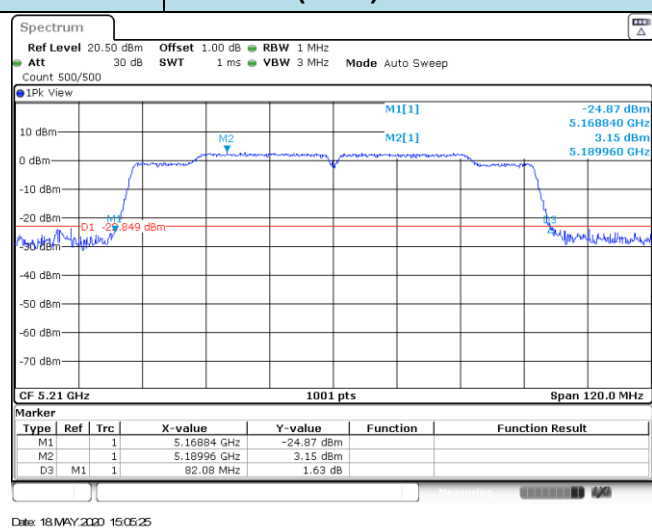


CH_H



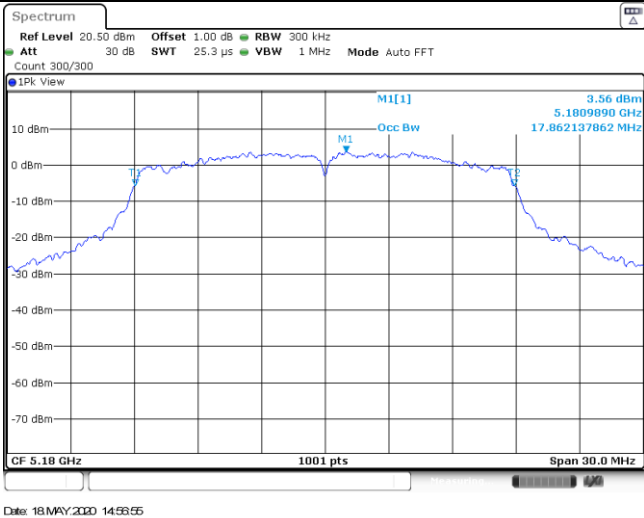
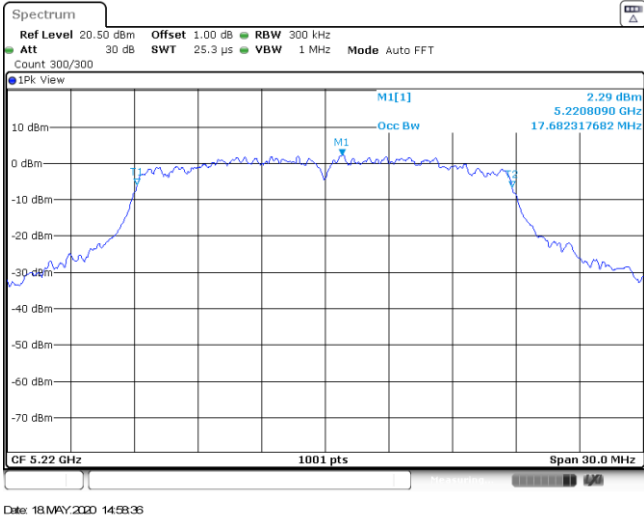
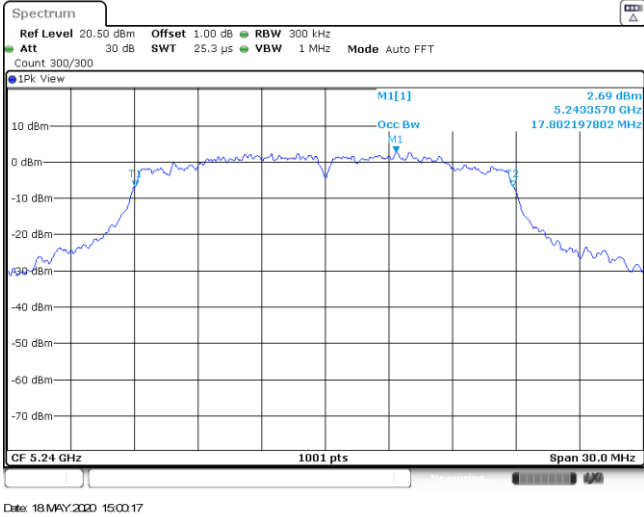
Band I **802.11ac (HT80)**

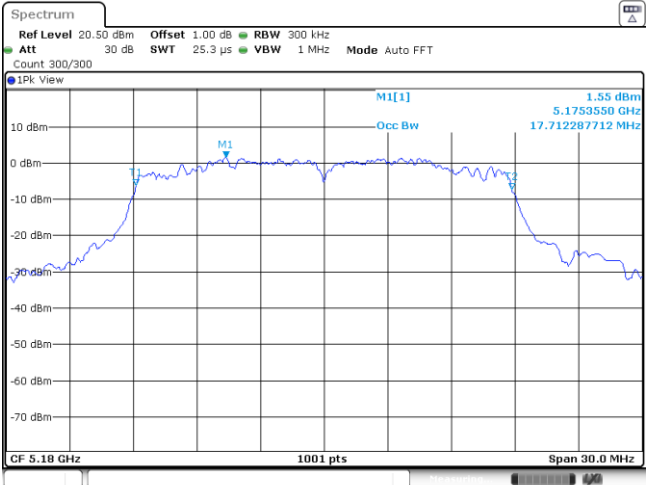
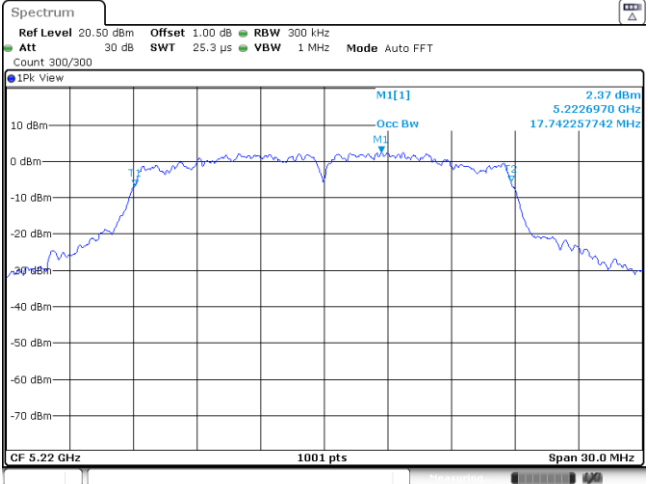
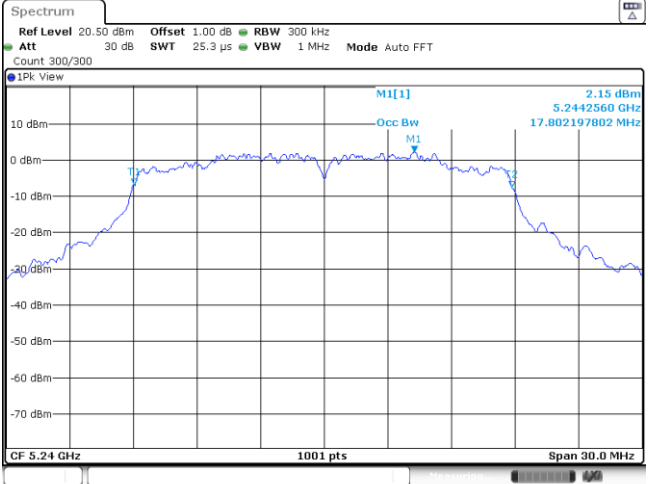
CH_M

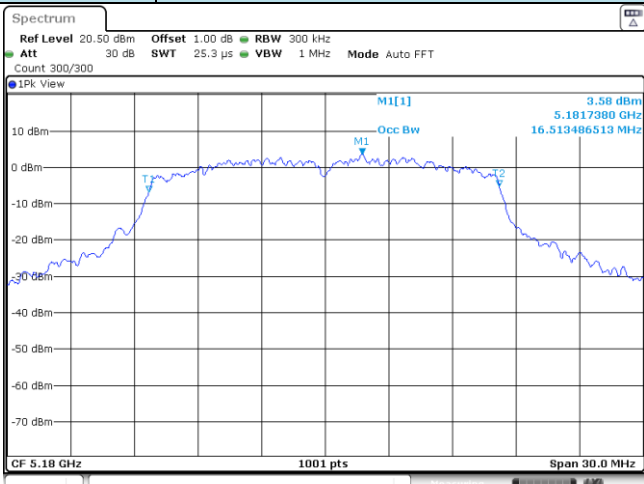
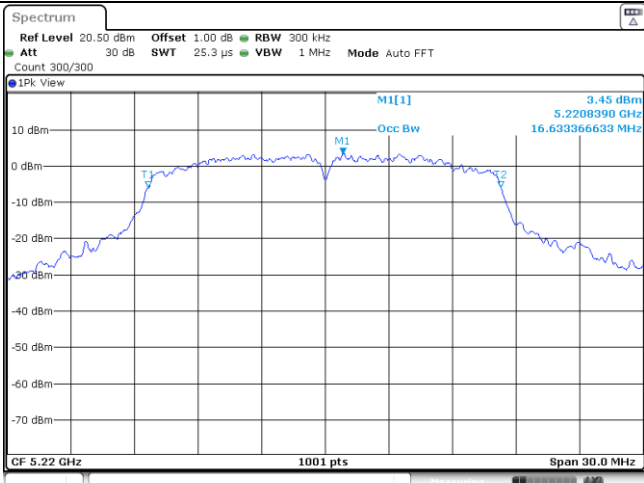
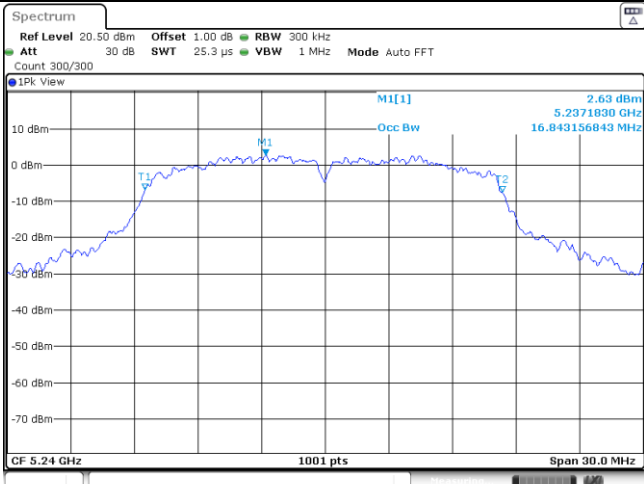


Appendix D: 99% Occupancy bandwidth

Band	Bandwidth (MHz)	Type	Channel	99% Occupancy bandwidth (MHz)	Result
I	20	802.11ac	CH _L	17.86	Pass
			CH _M	17.68	
			CH _H	17.80	
		802.11n	CH _L	17.71	Pass
			CH _M	17.74	
			CH _H	17.80	
	802.11a	CH _L	16.51	Pass	
		CH _M	16.63		
		CH _H	16.84		
	40	802.11ac	CH _L	36.14	Pass
			CH _H	36.20	
		802.11n	CH _L	36.20	Pass
CH _H			36.26		
80	802.11ac	CH _M	75.17	Pass	
IV	20	802.11ac	CH _L	17.80	Pass
			CH _M	17.71	
			CH _H	17.83	
		802.11n	CH _L	17.80	Pass
			CH _M	17.80	
			CH _H	17.68	
	802.11a	CH _L	16.81	Pass	
		CH _M	16.63		
		CH _H	16.72		
	40	802.11ac	CH _L	36.26	Pass
			CH _H	36.20	
		802.11n	CH _L	36.38	Pass
CH _H			36.30		
80	802.11ac	CH _M	75.41	Pass	

Band I		802.11ac (HT20)
CH _L		
CH _M		
CH _H		

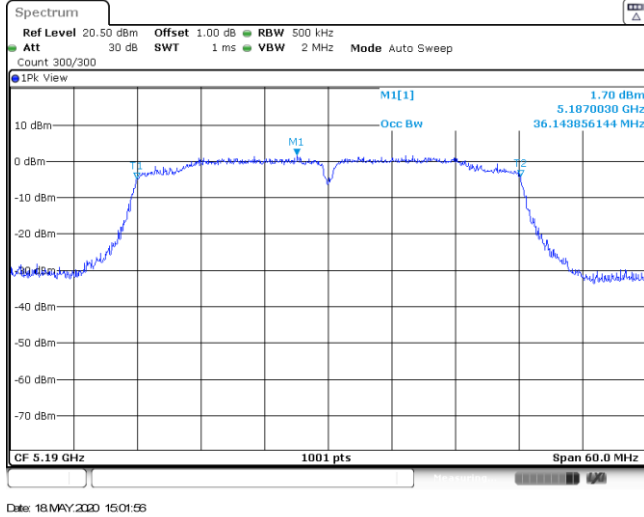
Band I		802.11n (HT20)
CH _L	 <p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 300/300 IPK View M1[1] 1.55 dBm 5.1753550 GHz Occ Bw 17.712287712 MHz M1 CF 5.18 GHz 1001 pts Span 30.0 MHz Date: 18 MAY 2020 14:45:43</p>	
CH _M	 <p>Spectrum Ref 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 300/300 IPK View M1[1] 2.37 dBm 5.2226970 GHz Occ Bw 17.742257742 MHz M1 CF 5.22 GHz 1001 pts Span 30.0 MHz Date: 18 MAY 2020 14:47:20</p>	
CH _H	 <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 300/300 IPK View M1[1] 2.15 dBm 5.2442560 GHz Occ Bw 17.802197802 MHz M1 CF 5.24 GHz 1001 pts Span 30.0 MHz Date: 18 MAY 2020 14:48:41</p>	

Band I		802.11a
CH _L	 <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 300/300</p> <p>IPK View</p> <p>M1[1] 3.58 dBm Occ Bw 5.1817380 GHz 16.513486513 MHz</p> <p>CF 5.18 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 18 MAY 2020 14:32:00</p>	
CH _M	 <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 300/300</p> <p>IPK View</p> <p>M1[1] 3.45 dBm Occ Bw 5.2208390 GHz 16.633366633 MHz</p> <p>CF 5.22 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 18 MAY 2020 14:37:05</p>	
CH _H	 <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 300/300</p> <p>IPK View</p> <p>M1[1] 2.63 dBm Occ Bw 5.2371830 GHz 16.843156843 MHz</p> <p>CF 5.24 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 18 MAY 2020 14:42:25</p>	

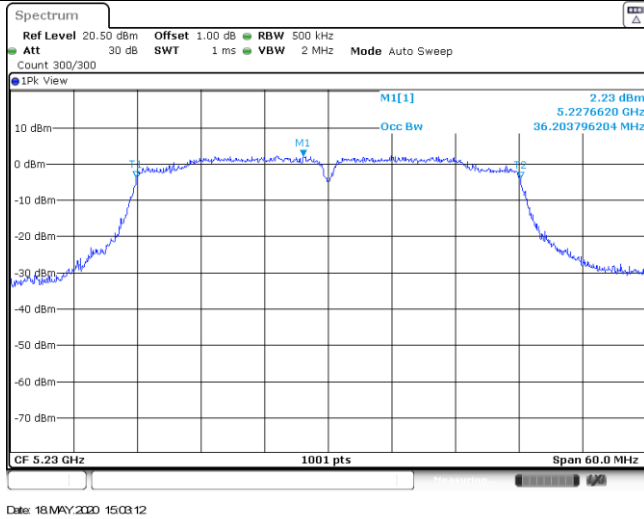
Band I

802.11ac (HT40)

CH_L

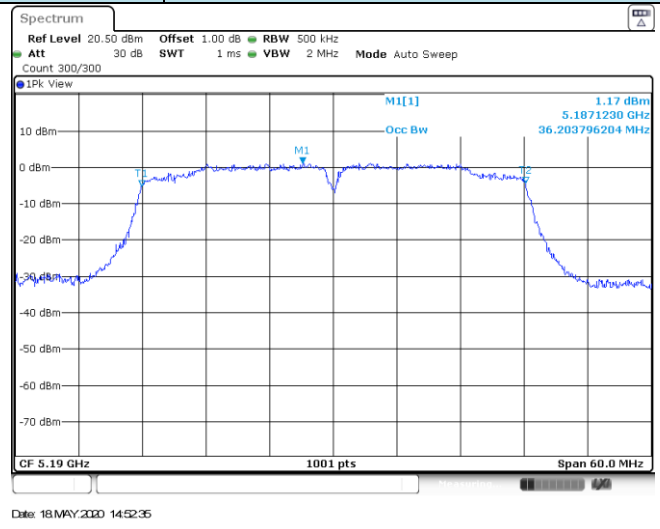


CH_H

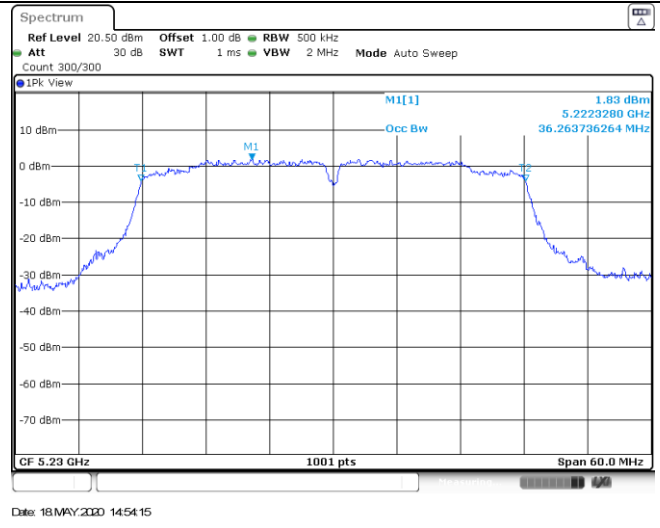


Band I **802.11n (HT40)**

CH_L

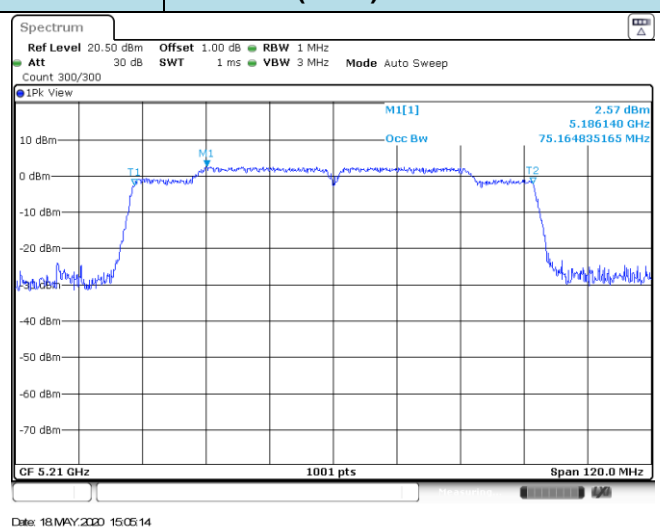


CH_H

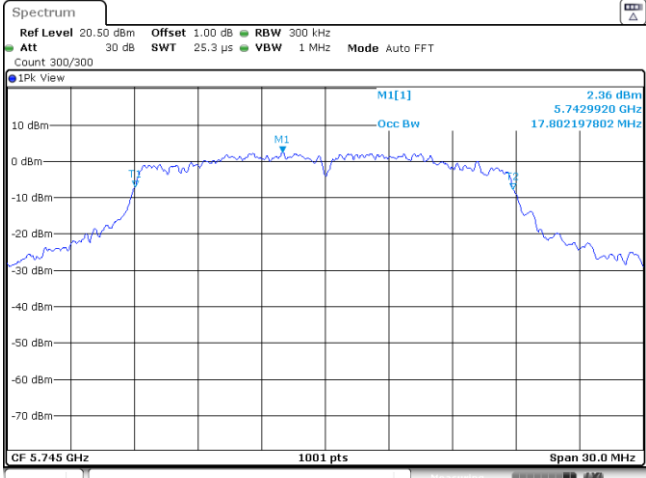
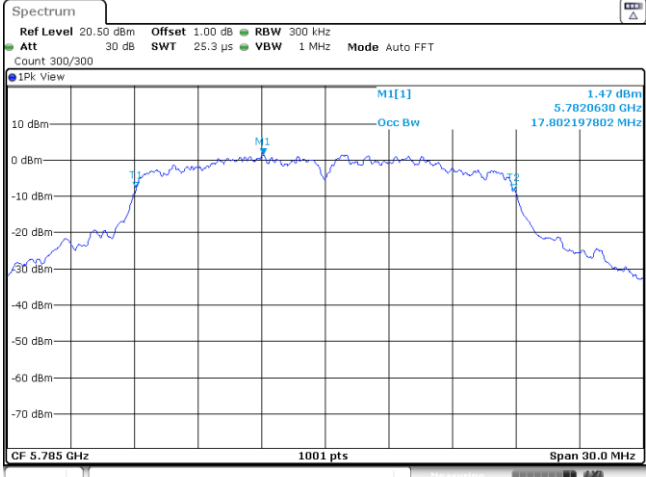
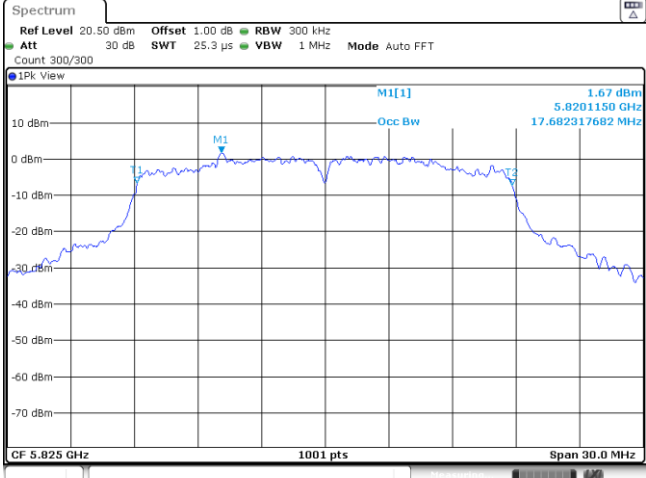


Band I **802.11ac (HT80)**

CH_M



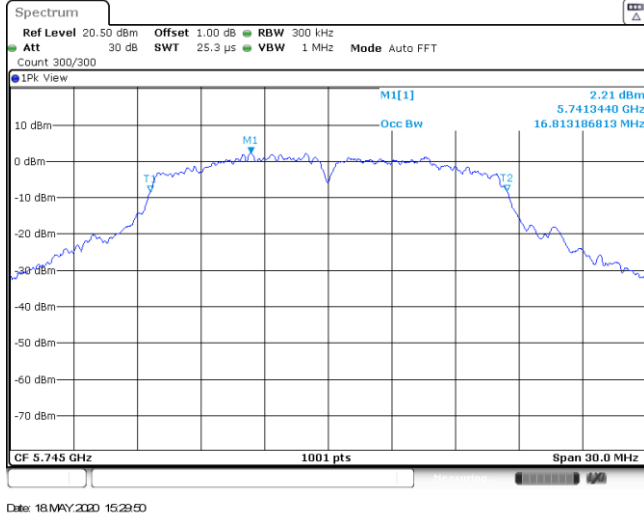
Band IV		802.11ac (HT20)
CH _L	<p> Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWT 25.3 μs VBW 1 MHz Mode Auto FFT Count 300/300 1Pk View M1[1] 2.10 dBm 5.7437110 GHz Occ Bw 17.802197802 MHz M1 CF 5.745 GHz 1001 pts Span 30.0 MHz Date: 18 MAY 2020 15:42:31 </p>	
CH _M	<p> Spectrum 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 300/300 1Pk View M1[1] 1.48 dBm 5.7841010 GHz Occ Bw 17.712287712 MHz M1 CF 5.785 GHz 1001 pts Span 30.0 MHz Date: 18 MAY 2020 15:44:22 </p>	
CH _H	<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 300/300 1Pk View M1[1] 0.63 dBm 5.8289260 GHz Occ Bw 17.832167832 MHz M1 CF 5.825 GHz 1001 pts Span 30.0 MHz Date: 18 MAY 2020 15:47:09 </p>	

Band IV		802.11n (HT20)
CH _L	 <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 300/300</p> <p>1Pk View</p> <p>M1[1] 2.36 dBm 5.7429920 GHz 17.802197802 MHz</p> <p>CF 5.745 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 18 MAY 2020 15:34:16</p>	
CH _M	 <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 300/300</p> <p>1Pk View</p> <p>M1[1] 1.47 dBm 5.7820630 GHz 17.802197802 MHz</p> <p>CF 5.785 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 18 MAY 2020 15:35:43</p>	
CH _H	 <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 300/300</p> <p>1Pk View</p> <p>M1[1] 1.67 dBm 5.8201150 GHz 17.682317682 MHz</p> <p>CF 5.825 GHz 1001 pts Span 30.0 MHz</p> <p>Date: 18 MAY 2020 15:36:48</p>	

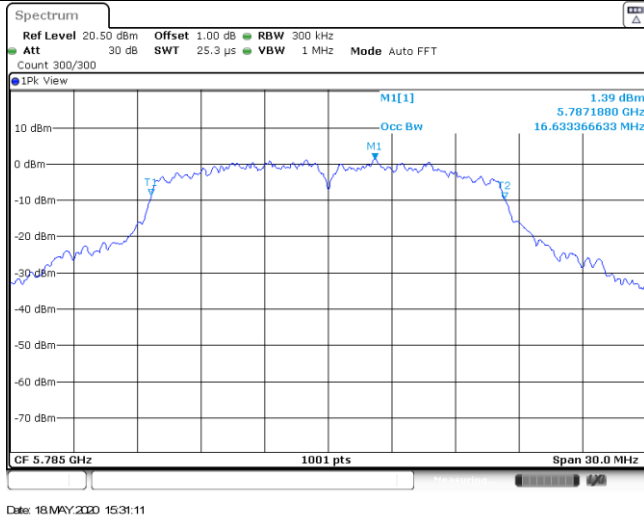
Band IV

802.11a

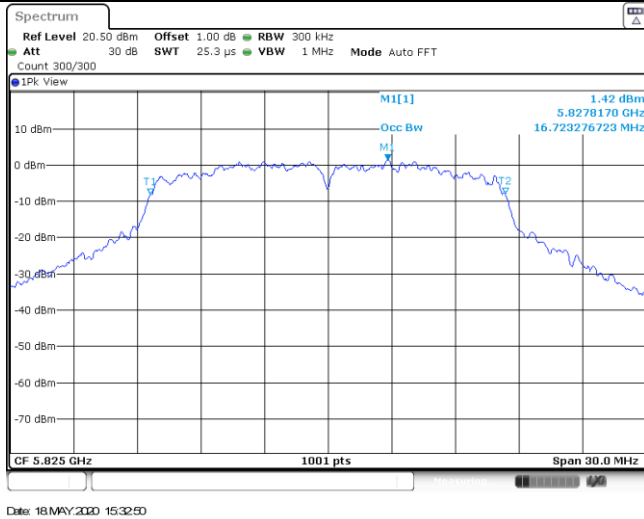
CH_L



CH_M



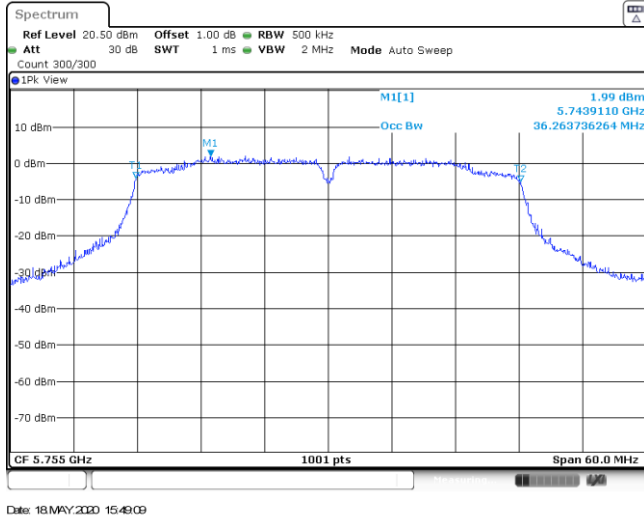
CH_H



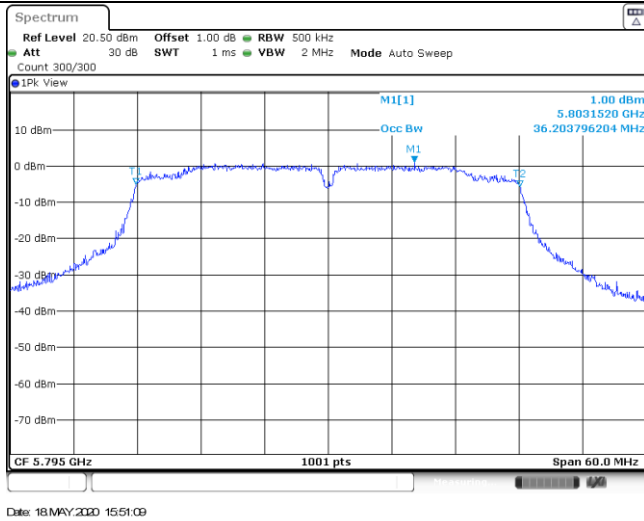
Band IV

802.11ac (HT40)

CH_L

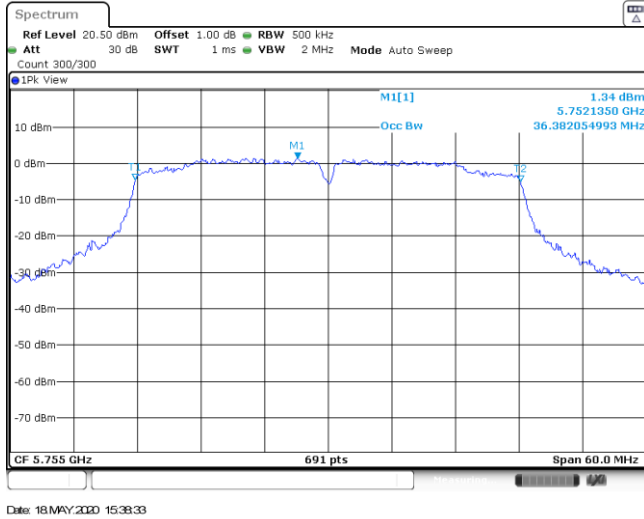


CH_H

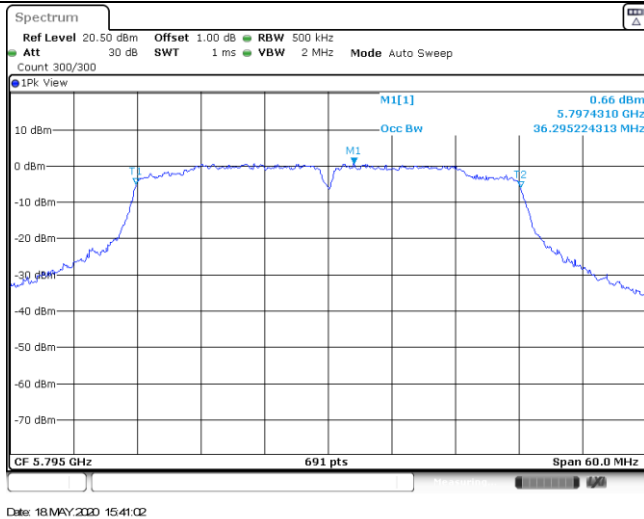


Band IV **802.11n (HT40)**

CH_L

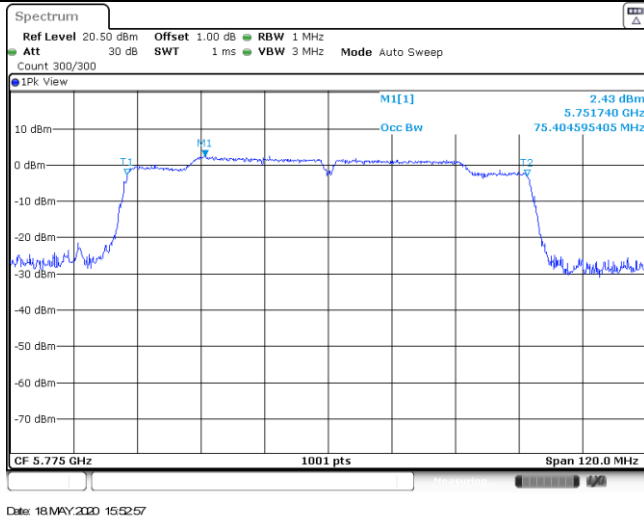


CH_H



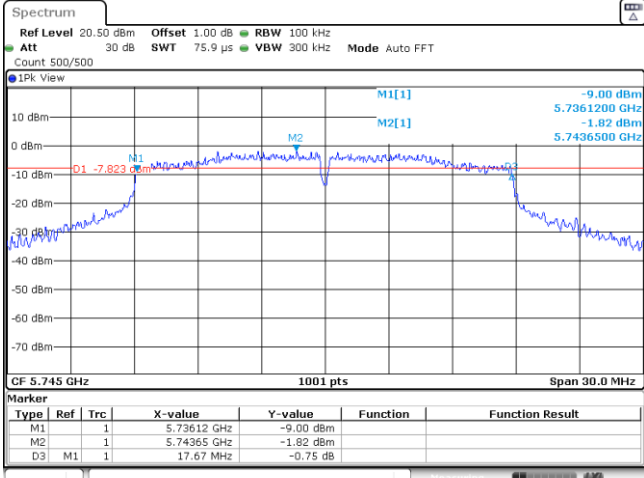
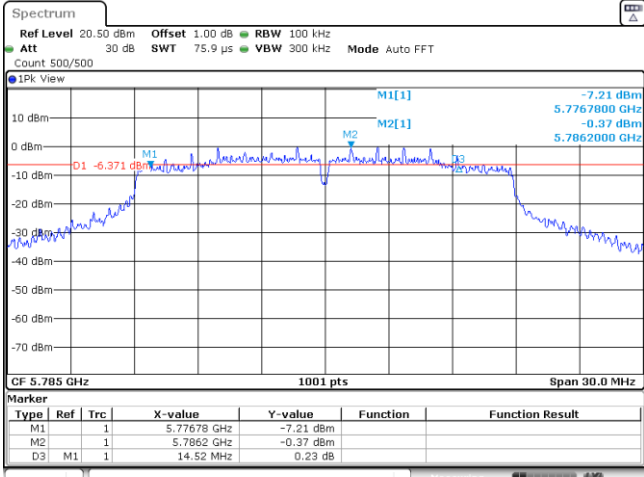
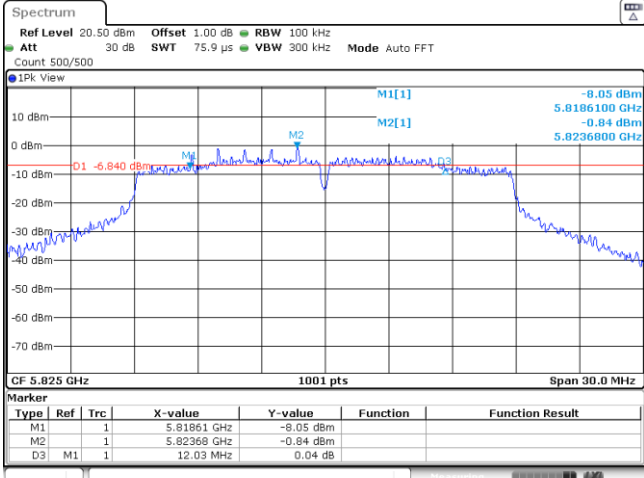
Band IV **802.11ac (HT80)**

CH_M

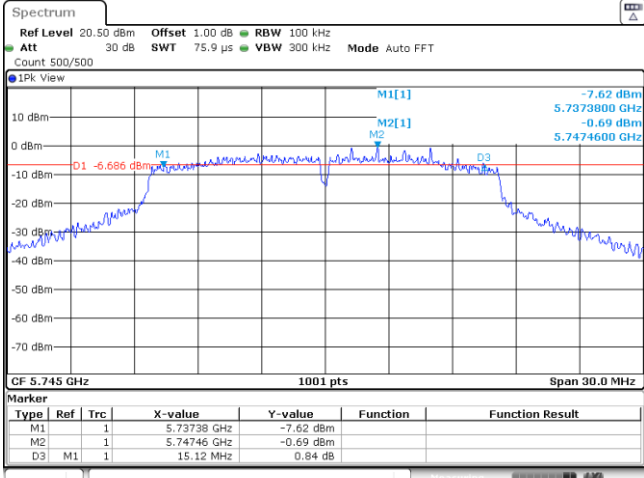
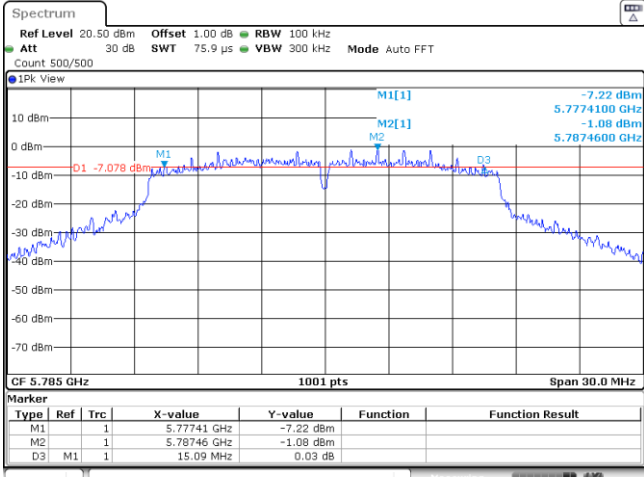
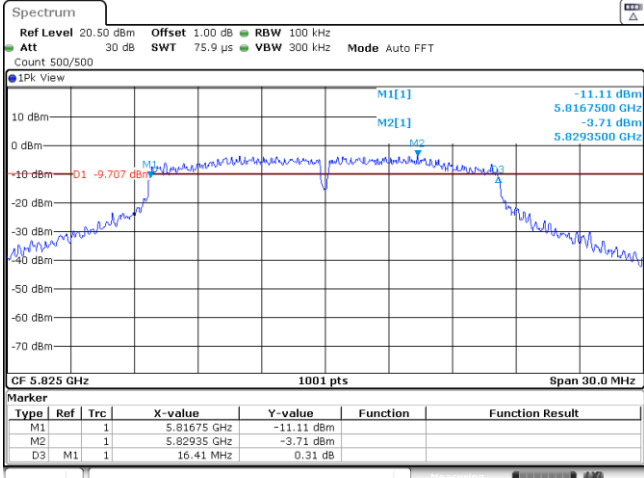


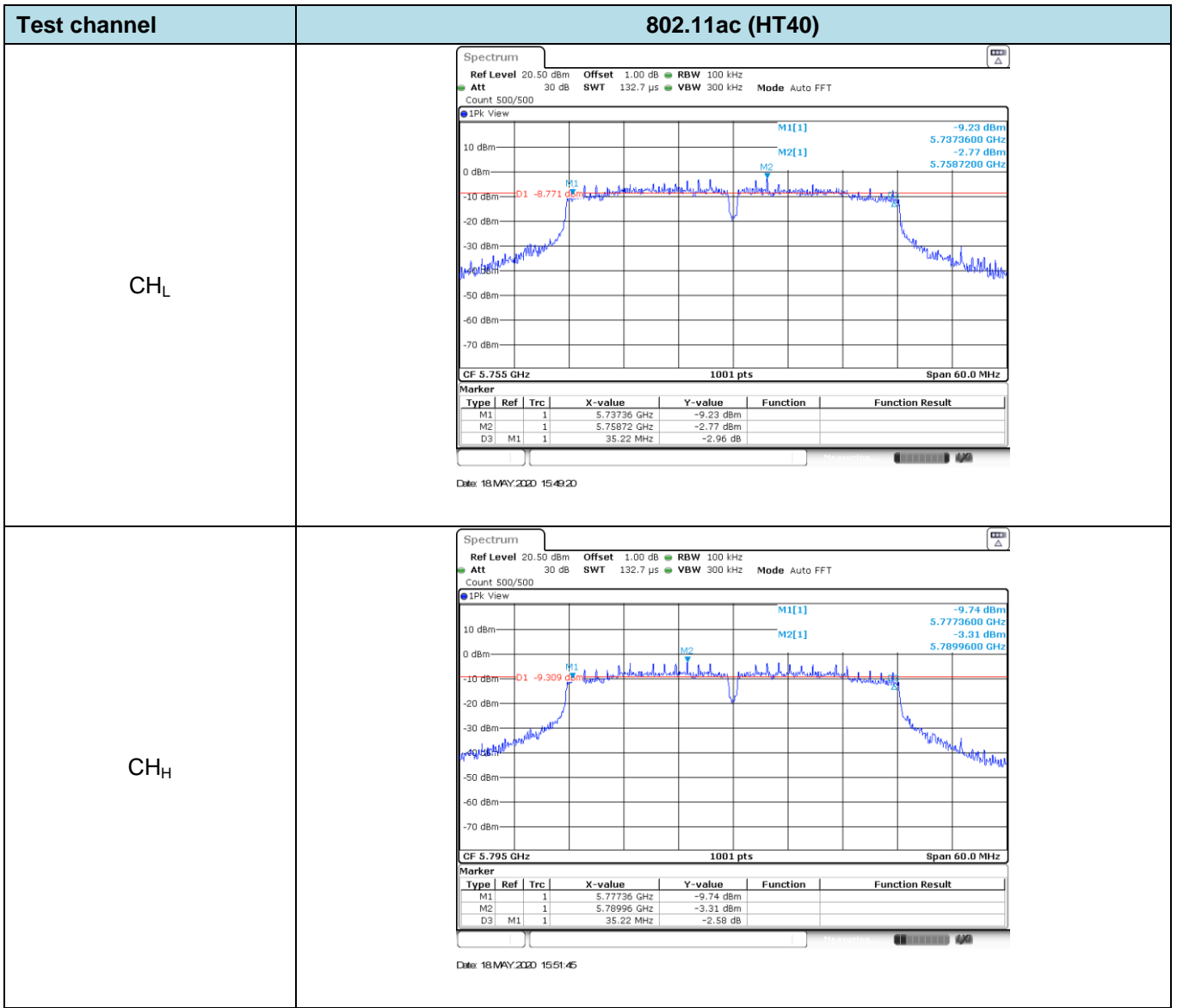
Appendix E: 6dB Bandwidth

Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.67	Pass
			CH _M	14.52	
			CH _H	12.03	
		802.11n	CH _L	17.64	Pass
			CH _M	15.12	
			CH _H	15.51	
		802.11a	CH _L	15.12	Pass
			CH _M	15.09	
			CH _H	16.41	
	40	802.11ac	CH _L	35.22	Pass
			CH _H	35.22	
		802.11n	CH _L	35.30	Pass
CH _H			35.39		
80	802.11ac	CH _M	63.00	Pass	

Test channel	802.11ac (HT20)																												
CH _L	 <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 -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 5.745 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>1</td> <td></td> <td>5.73612 GHz</td> <td>-9.00 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.74365 GHz</td> <td>-1.82 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.67 MHz</td> <td>-0.75 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:42:39</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.73612 GHz	-9.00 dBm			M2	1		5.74365 GHz	-1.82 dBm			D3	M1	1	17.67 MHz	-0.75 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.73612 GHz	-9.00 dBm																									
M2	1		5.74365 GHz	-1.82 dBm																									
D3	M1	1	17.67 MHz	-0.75 dB																									
CH _M	 <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 -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 5.785 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>1</td> <td></td> <td>5.77678 GHz</td> <td>-7.21 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.7862 GHz</td> <td>-0.37 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>14.52 MHz</td> <td>0.23 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:44:33</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.77678 GHz	-7.21 dBm			M2	1		5.7862 GHz	-0.37 dBm			D3	M1	1	14.52 MHz	0.23 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.77678 GHz	-7.21 dBm																									
M2	1		5.7862 GHz	-0.37 dBm																									
D3	M1	1	14.52 MHz	0.23 dB																									
CH _H	 <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 -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 5.825 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>1</td> <td></td> <td>5.81861 GHz</td> <td>-8.05 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.82368 GHz</td> <td>-0.84 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>12.03 MHz</td> <td>0.04 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:47:18</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.81861 GHz	-8.05 dBm			M2	1		5.82368 GHz	-0.84 dBm			D3	M1	1	12.03 MHz	0.04 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.81861 GHz	-8.05 dBm																									
M2	1		5.82368 GHz	-0.84 dBm																									
D3	M1	1	12.03 MHz	0.04 dB																									

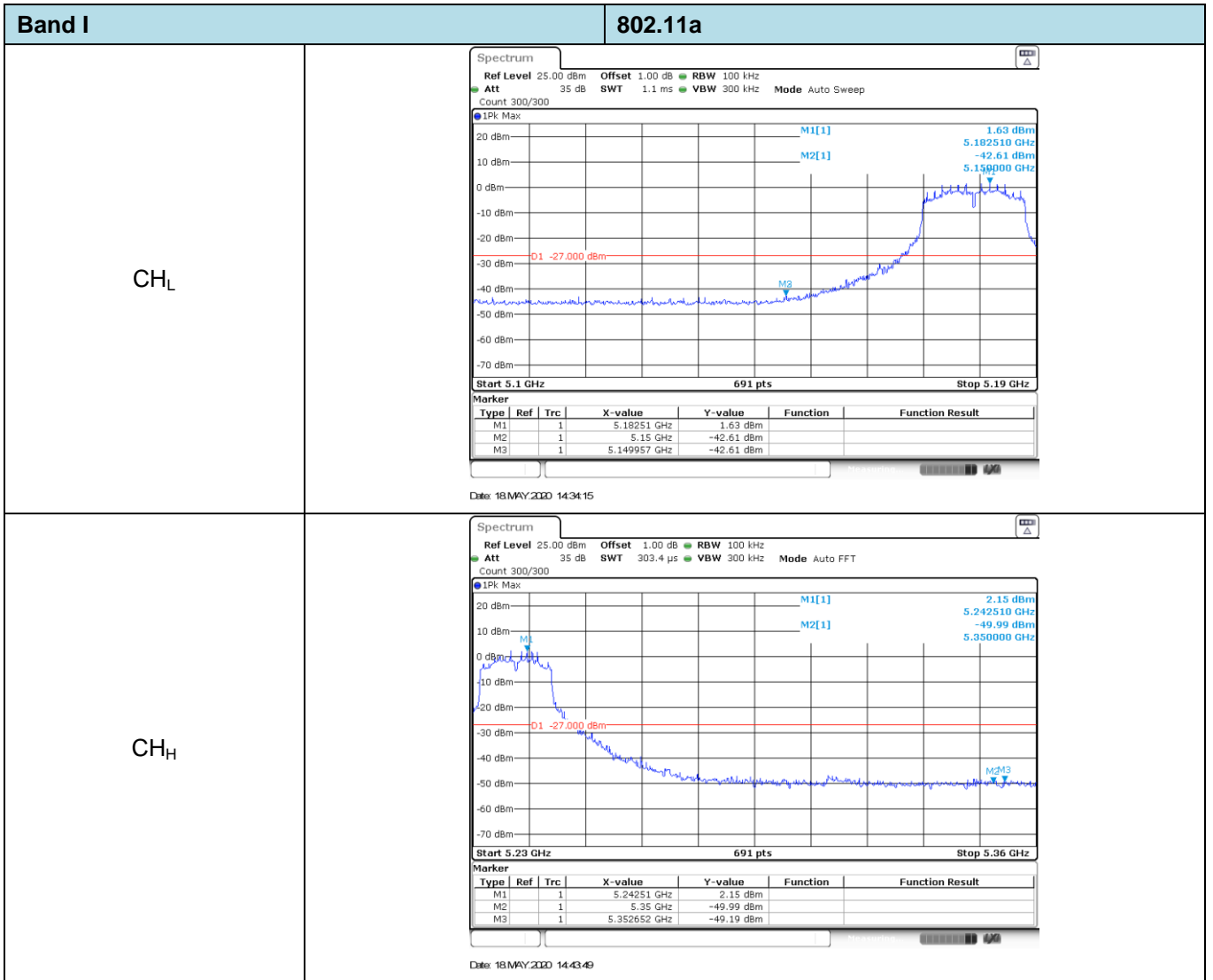
Test channel	802.11n (HT20)																												
CH _L	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT Count 500/500 IPK View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.745 GHz 1001 pts Span 30.0 MHz Marker</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>5.73612 GHz</td> <td>-9.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.74368 GHz</td> <td>-1.72 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>17.64 MHz</td> <td>1.51 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:34:23</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.73612 GHz	-9.38 dBm			M2	1		5.74368 GHz	-1.72 dBm			D3	M1	1	17.64 MHz	1.51 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.73612 GHz	-9.38 dBm																									
M2	1		5.74368 GHz	-1.72 dBm																									
D3	M1	1	17.64 MHz	1.51 dB																									
CH _M	<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 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.785 GHz 1001 pts Span 30.0 MHz Marker</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>5.77738 GHz</td> <td>-7.49 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.78746 GHz</td> <td>-0.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.12 MHz</td> <td>0.86 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:35:51</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.77738 GHz	-7.49 dBm			M2	1		5.78746 GHz	-0.38 dBm			D3	M1	1	15.12 MHz	0.86 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.77738 GHz	-7.49 dBm																									
M2	1		5.78746 GHz	-0.38 dBm																									
D3	M1	1	15.12 MHz	0.86 dB																									
CH _H	<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 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.825 GHz 1001 pts Span 30.0 MHz Marker</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>5.81702 GHz</td> <td>-8.26 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.82746 GHz</td> <td>-0.88 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.51 MHz</td> <td>-1.29 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:36:56</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.81702 GHz	-8.26 dBm			M2	1		5.82746 GHz	-0.88 dBm			D3	M1	1	15.51 MHz	-1.29 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.81702 GHz	-8.26 dBm																									
M2	1		5.82746 GHz	-0.88 dBm																									
D3	M1	1	15.51 MHz	-1.29 dB																									

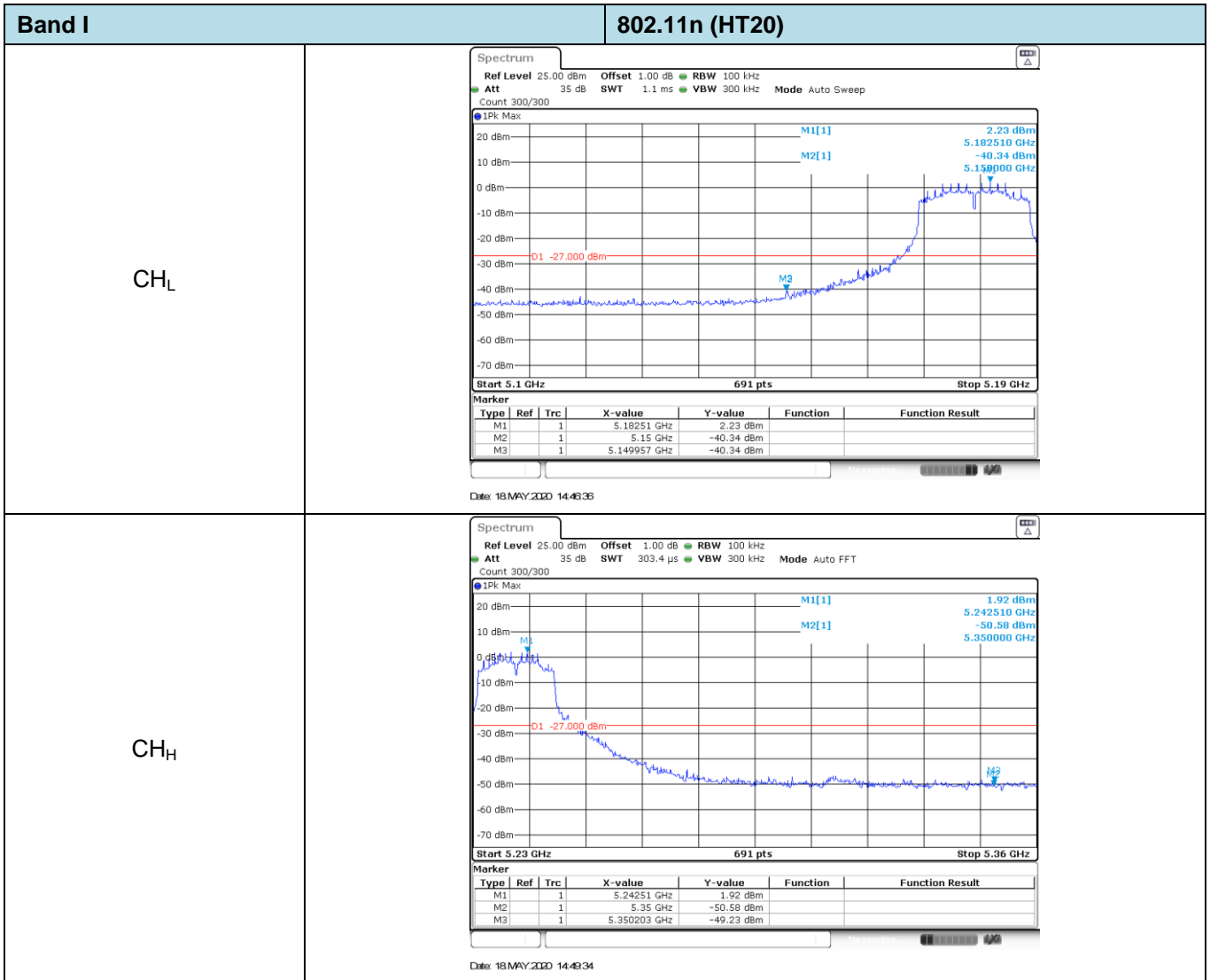
Test channel	802.11a																												
CH _L	 <p>Marker Table:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>5.73738 GHz</td> <td>-7.62 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.74746 GHz</td> <td>-0.69 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.12 MHz</td> <td>0.84 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:29:57</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.73738 GHz	-7.62 dBm			M2	1		5.74746 GHz	-0.69 dBm			D3	M1	1	15.12 MHz	0.84 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.73738 GHz	-7.62 dBm																									
M2	1		5.74746 GHz	-0.69 dBm																									
D3	M1	1	15.12 MHz	0.84 dB																									
CH _M	 <p>Marker Table:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>5.77741 GHz</td> <td>-7.22 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.78746 GHz</td> <td>-1.08 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>15.09 MHz</td> <td>0.03 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:31:19</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.77741 GHz	-7.22 dBm			M2	1		5.78746 GHz	-1.08 dBm			D3	M1	1	15.09 MHz	0.03 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.77741 GHz	-7.22 dBm																									
M2	1		5.78746 GHz	-1.08 dBm																									
D3	M1	1	15.09 MHz	0.03 dB																									
CH _H	 <p>Marker Table:</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>5.81675 GHz</td> <td>-11.11 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.82935 GHz</td> <td>-3.71 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>16.41 MHz</td> <td>0.31 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18.MAY.2020 15:32:57</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.81675 GHz	-11.11 dBm			M2	1		5.82935 GHz	-3.71 dBm			D3	M1	1	16.41 MHz	0.31 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.81675 GHz	-11.11 dBm																									
M2	1		5.82935 GHz	-3.71 dBm																									
D3	M1	1	16.41 MHz	0.31 dB																									

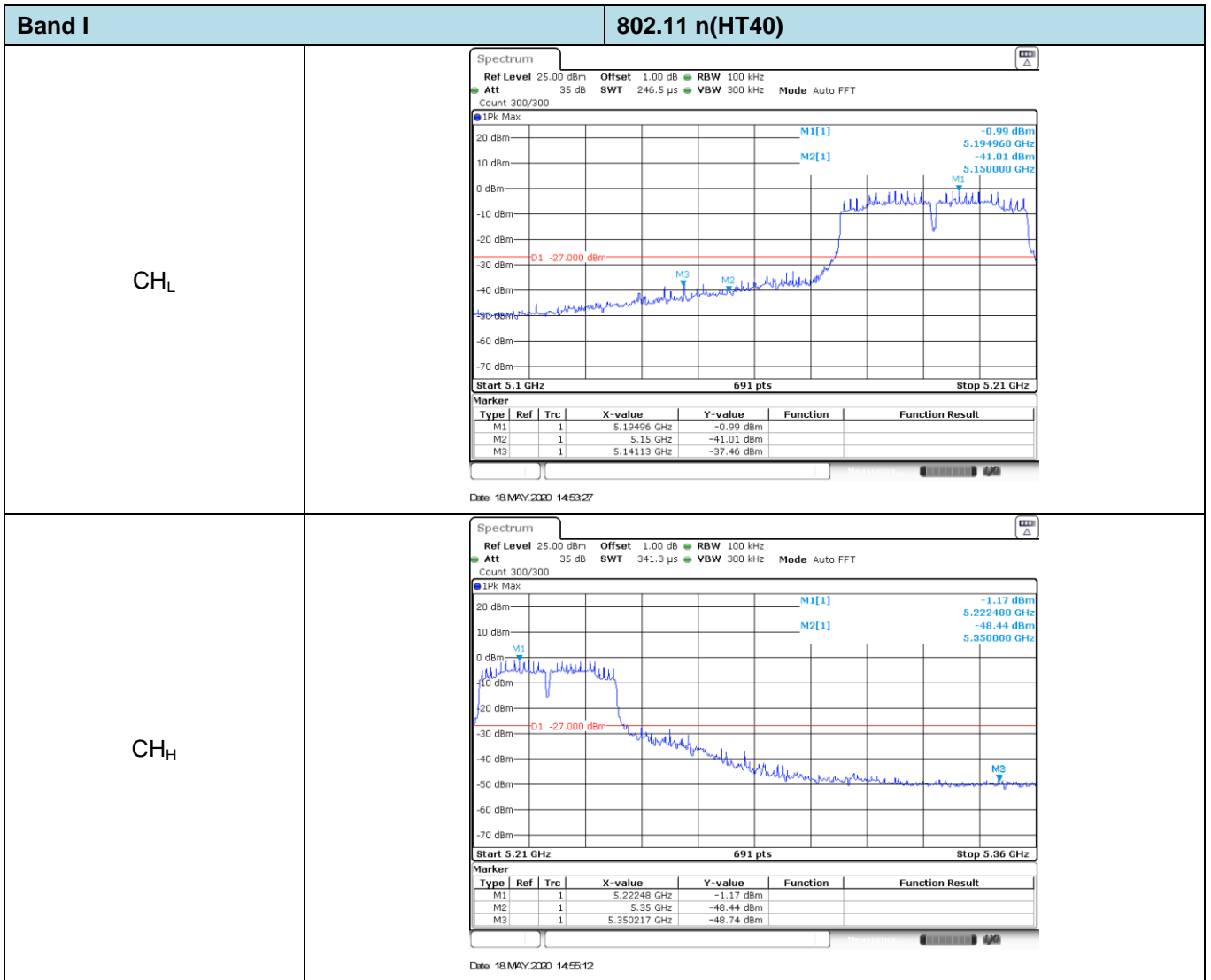


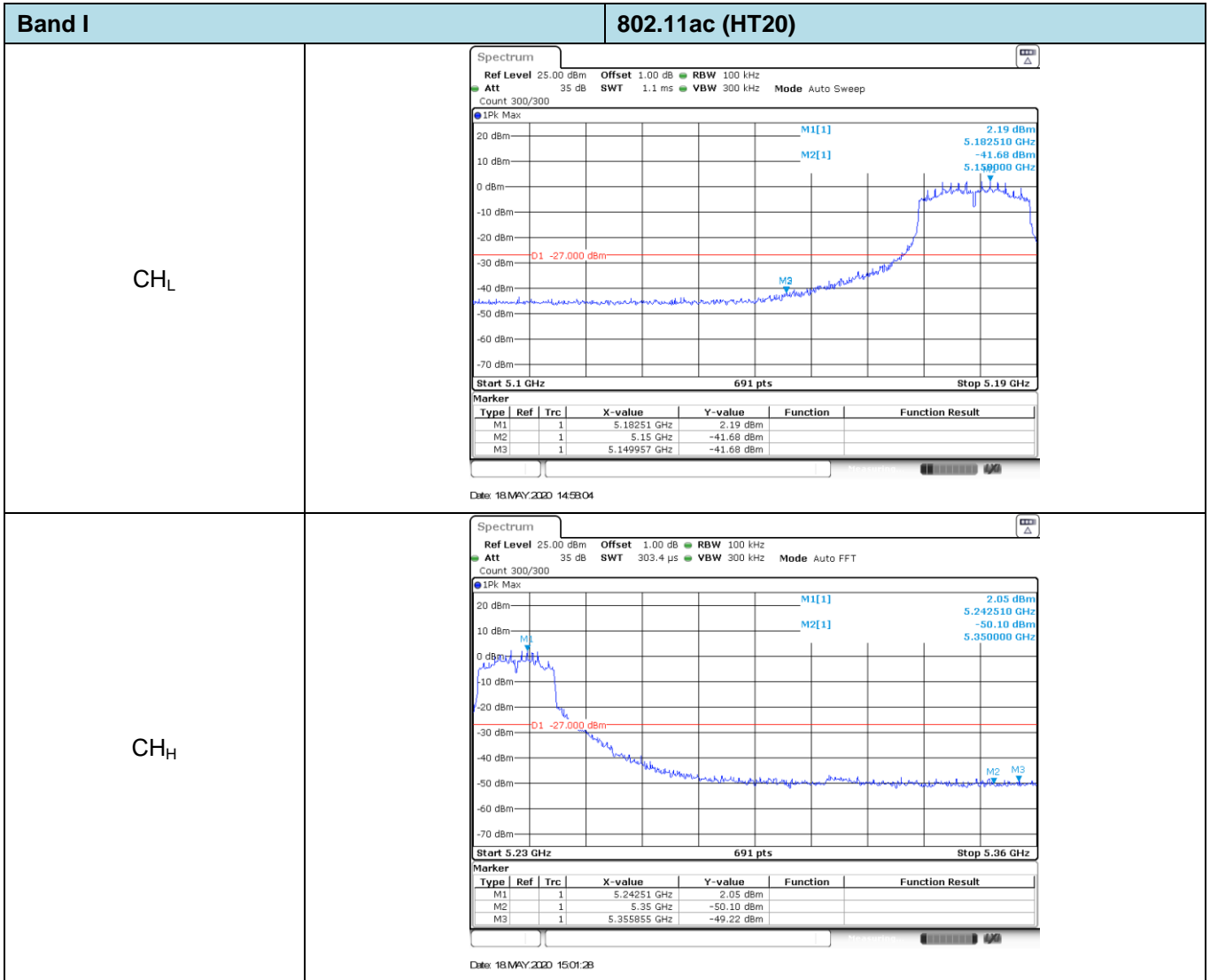
Test channel	802.11n (HT40)																												
CH _L	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT Count 500/500 IPk View 10 dBm 0 dBm -10 dBm D1 -8.458 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.755 GHz 691 pts Span 60.0 MHz Marker</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>5.7372609 GHz</td> <td>-10.35 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.7499565 GHz</td> <td>-2.46 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.3043 MHz</td> <td>-1.71 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 MAY 2020 15:38:47</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.7372609 GHz	-10.35 dBm			M2	1		5.7499565 GHz	-2.46 dBm			D3	M1	1	35.3043 MHz	-1.71 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.7372609 GHz	-10.35 dBm																									
M2	1		5.7499565 GHz	-2.46 dBm																									
D3	M1	1	35.3043 MHz	-1.71 dB																									
CH _H	<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 IPk View 10 dBm 0 dBm -10 dBm D1 -8.936 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.795 GHz 691 pts Span 60.0 MHz Marker</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>5.7772609 GHz</td> <td>-11.65 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.7899565 GHz</td> <td>-2.94 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>35.3913 MHz</td> <td>-0.73 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 MAY 2020 15:41:12</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.7772609 GHz	-11.65 dBm			M2	1		5.7899565 GHz	-2.94 dBm			D3	M1	1	35.3913 MHz	-0.73 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.7772609 GHz	-11.65 dBm																									
M2	1		5.7899565 GHz	-2.94 dBm																									
D3	M1	1	35.3913 MHz	-0.73 dB																									
Test channel	802.11ac (HT80)																												
CH _M	<p>Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 100 kHz Att 30 dB SWT 265.5 μs VBW 300 kHz Mode Auto FFT Count 500/500 IPk View 10 dBm 0 dBm -10 dBm D1 -10.0 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.775 GHz 1001 pts Span 120.0 MHz Marker</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>5.73732 GHz</td> <td>-12.63 dBm</td> <td></td> <td></td> </tr> <tr> <td>M2</td> <td>1</td> <td></td> <td>5.74992 GHz</td> <td>-4.98 dBm</td> <td></td> <td></td> </tr> <tr> <td>D3</td> <td>M1</td> <td>1</td> <td>63.0 MHz</td> <td>1.28 dB</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 18 MAY 2020 15:53:14</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		5.73732 GHz	-12.63 dBm			M2	1		5.74992 GHz	-4.98 dBm			D3	M1	1	63.0 MHz	1.28 dB		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																							
M1	1		5.73732 GHz	-12.63 dBm																									
M2	1		5.74992 GHz	-4.98 dBm																									
D3	M1	1	63.0 MHz	1.28 dB																									

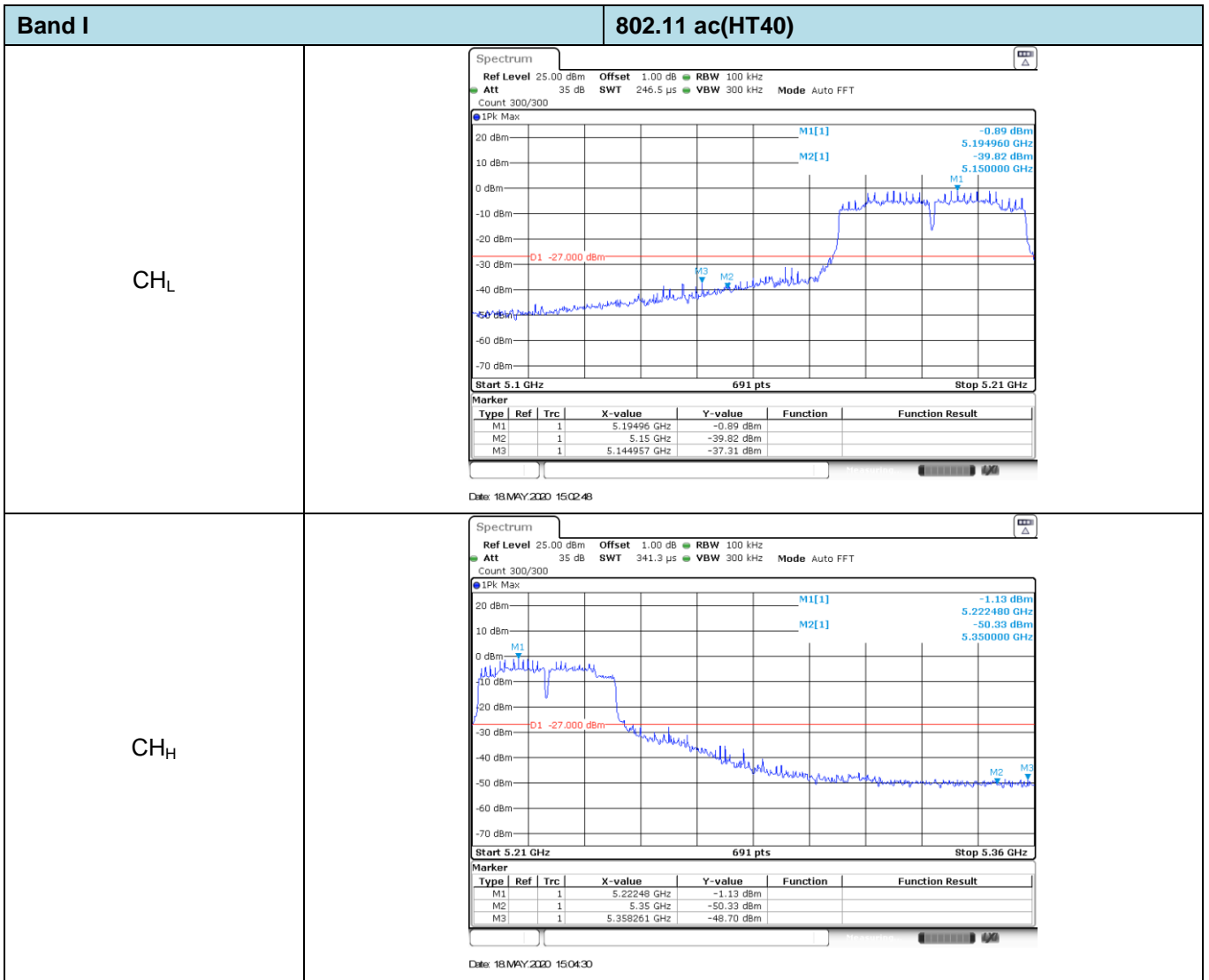
Appendix F: Band edge

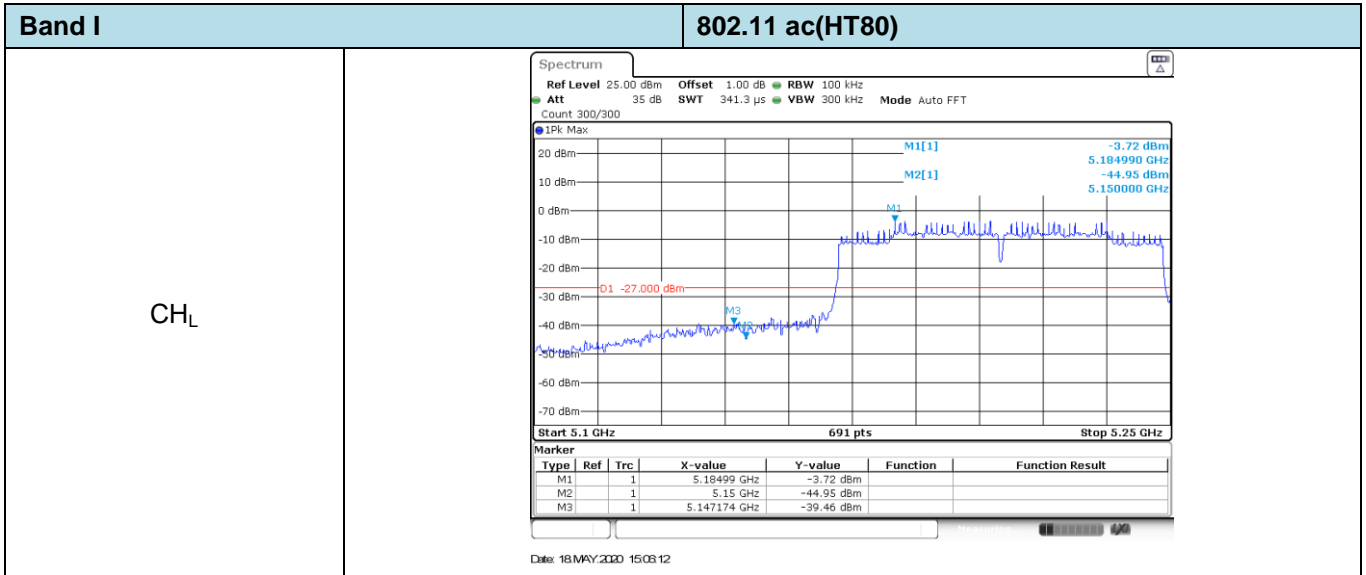


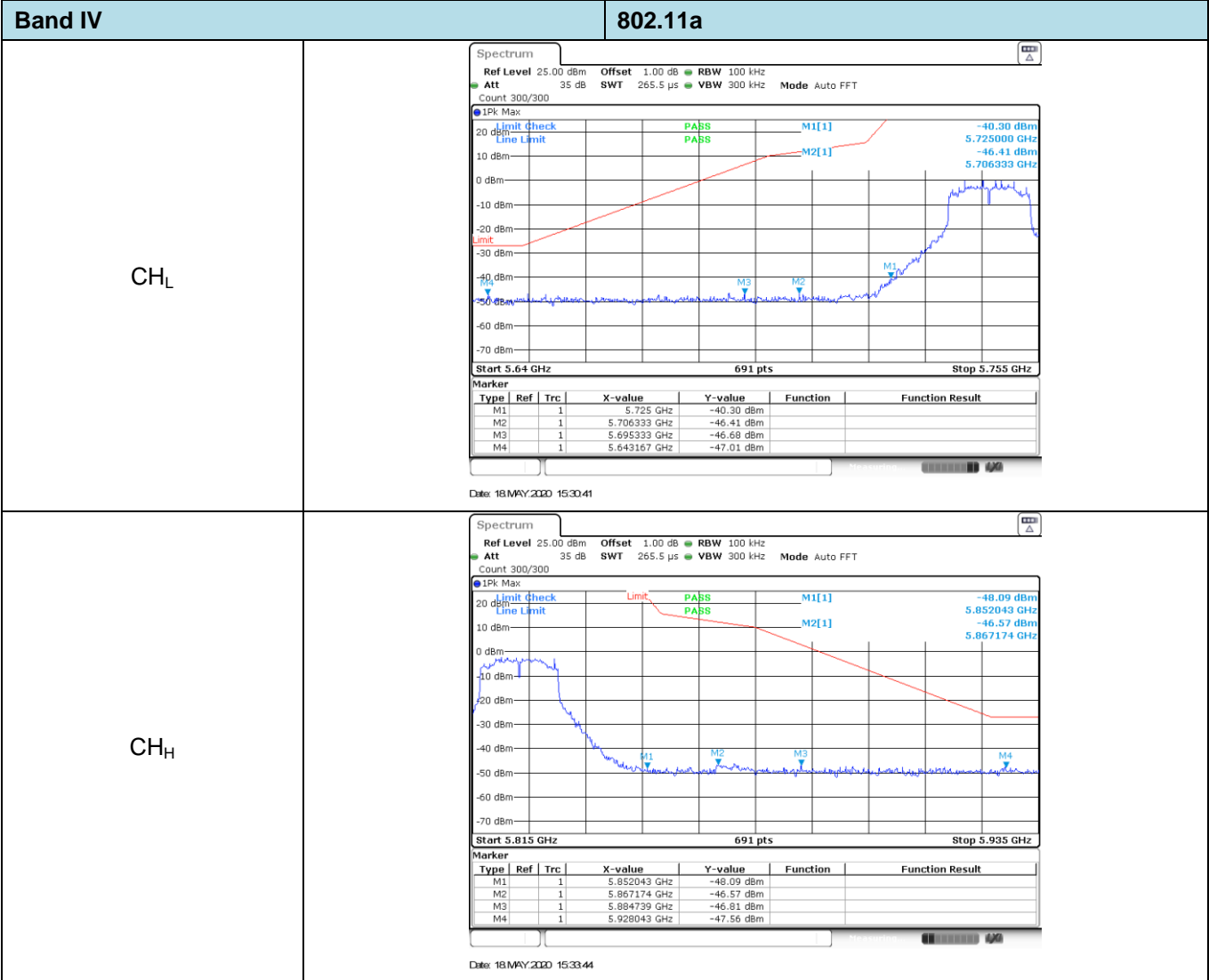


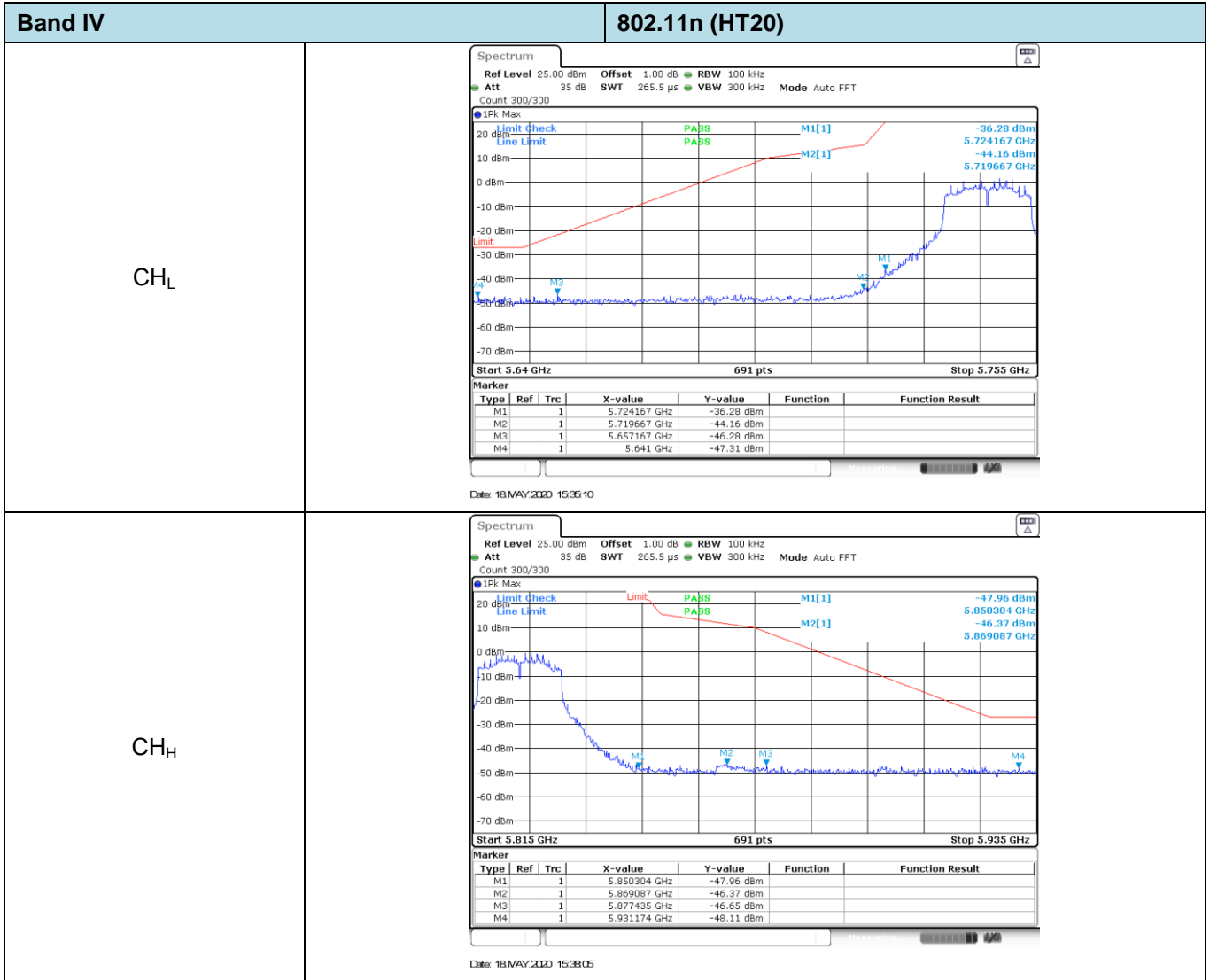










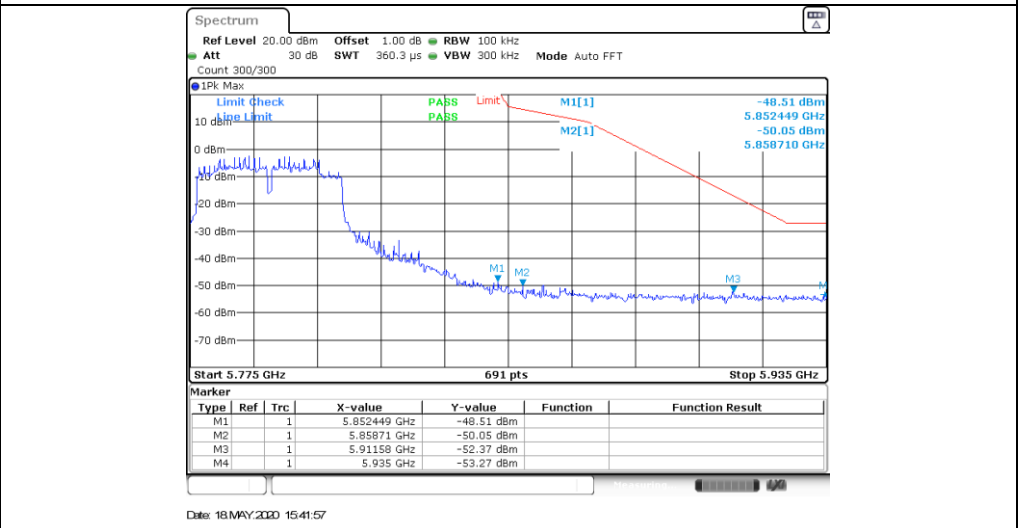


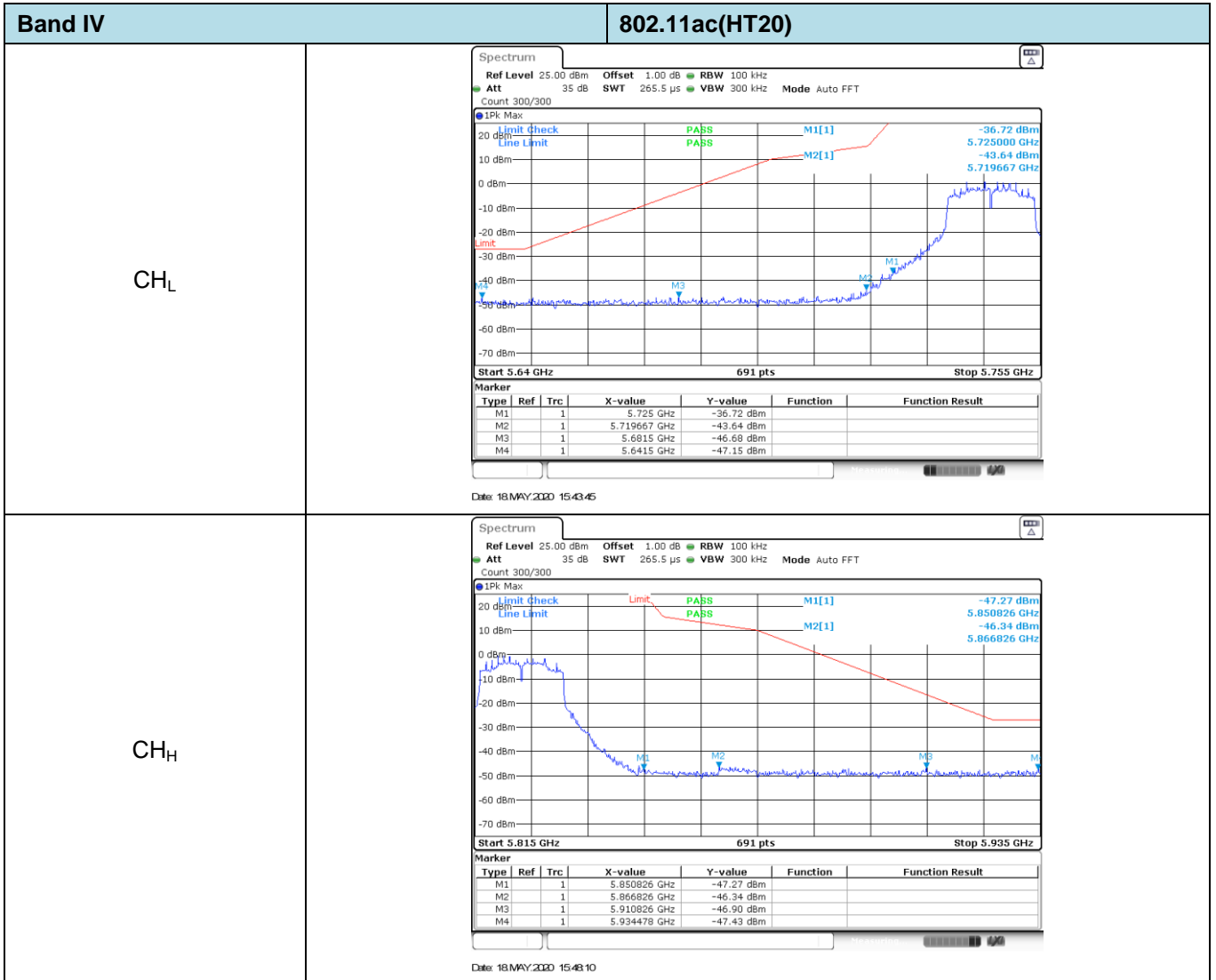
Band IV **802.11 n(HT40)**

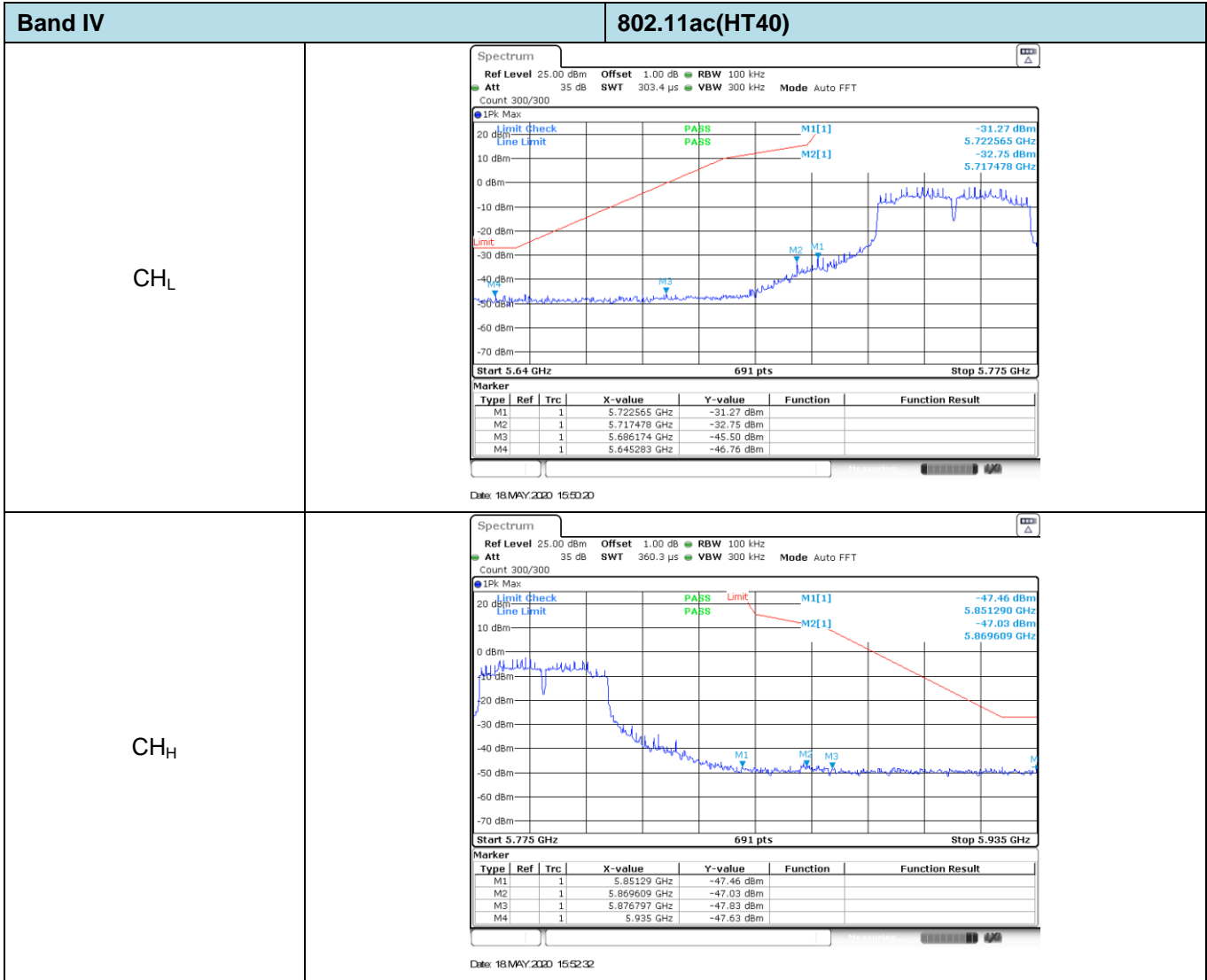
CH_L



CH_H







Band IV

802.11ac(HT80)

CH_L



Date: 18 MAY 2020 15:54:05

Appendix G: Frequency stability**Voltage VS Frequency stability**

Band: I			Test Frequency: 5180.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-44000.00	-8.49421	PASS
T _N	V _N	-44000.00	-8.49421	PASS
T _N	V _H	-43000.00	-8.30116	PASS

Band: IV			Test Frequency: 5745.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-44000.00	-7.65883	PASS
T _N	V _N	-43000.00	-7.48477	PASS
T _N	V _H	-45000.00	-7.83290	PASS

Temperature VS Frequency stability

Band: I			Test Frequency: 5180.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-43000.00	-8.30116	PASS
V _N	-10	-43000.00	-8.30116	PASS
V _N	0	-43000.00	-8.30116	PASS
V _N	10	-43000.00	-8.30116	PASS
V _N	20	-43000.00	-8.30116	PASS
V _N	30	-43000.00	-8.30116	PASS
V _N	40	-43000.00	-8.30116	PASS
V _N	50	-43000.00	-8.30116	PASS

Band: IV			Test Frequency: 5745.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-45000.00	-7.83290	PASS
V _N	-10	-45000.00	-7.83290	PASS
V _N	0	-45000.00	-7.83290	PASS
V _N	10	-45000.00	-7.83290	PASS
V _N	20	-45000.00	-7.83290	PASS
V _N	30	-45000.00	-7.83290	PASS
V _N	40	-45000.00	-7.83290	PASS
V _N	50	-45000.00	-7.83290	PASS

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