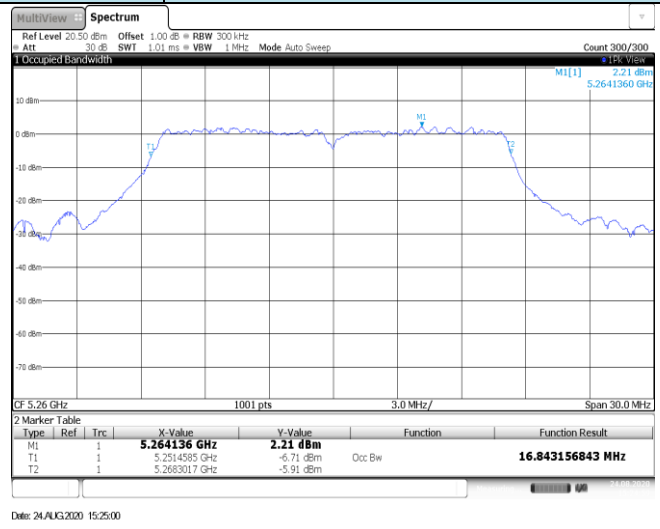
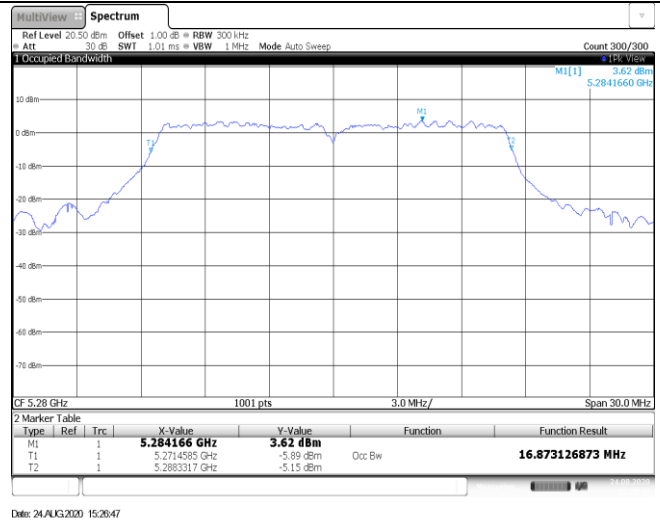


Band II **802.11a**

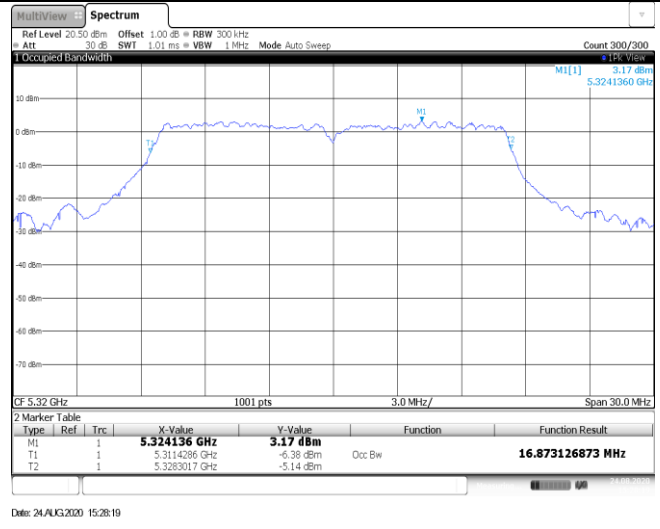
CH_L



CH_M

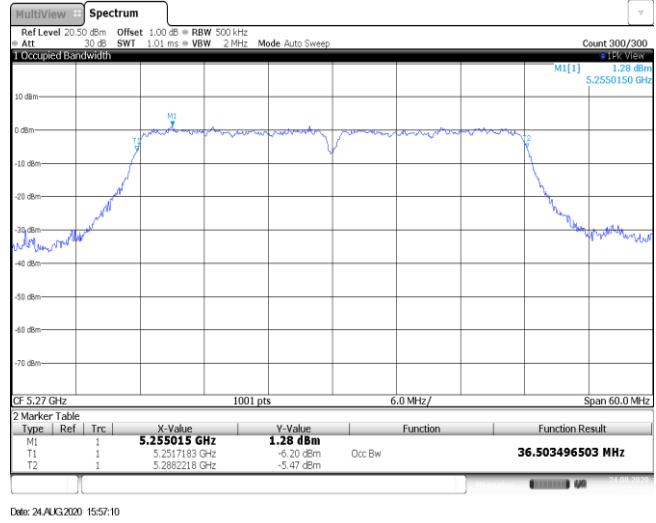


CH_H

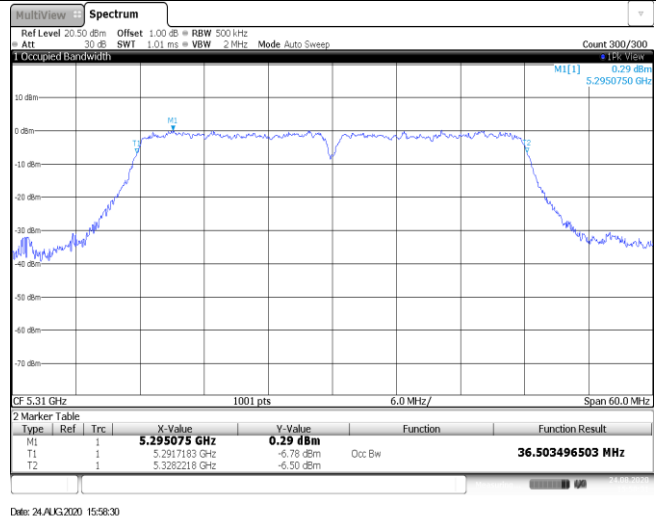


Band II **802.11ac (HT40)**

CH_L

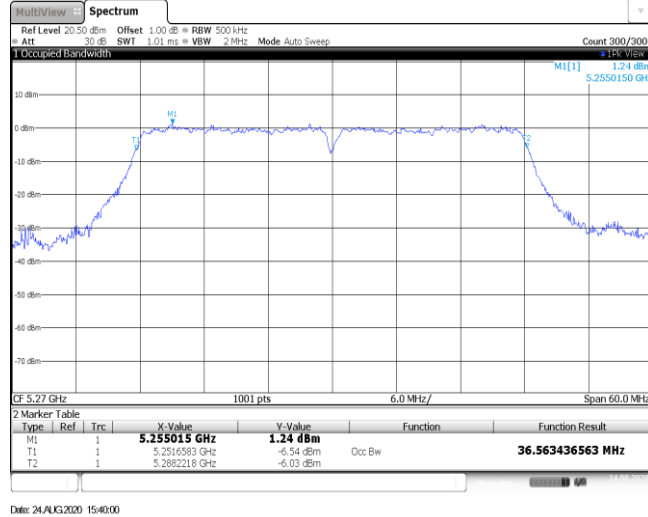


CH_H

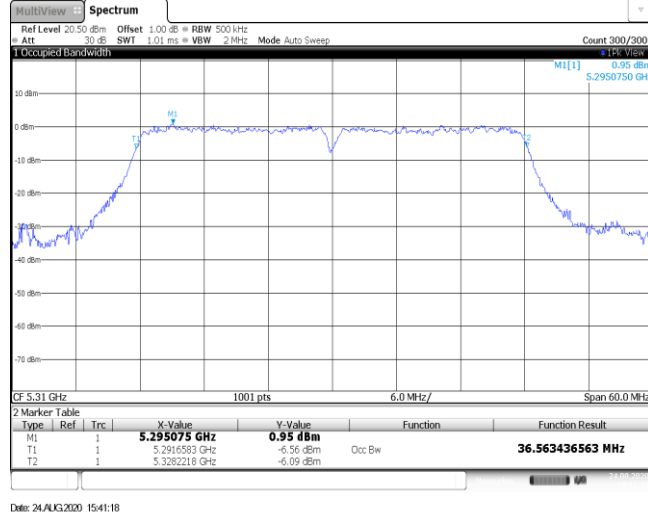


Band II **802.11n (HT40)**

CH_L

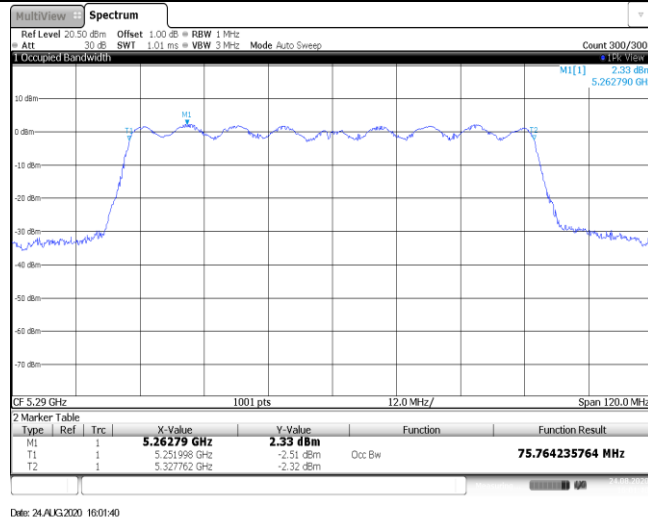


CH_H



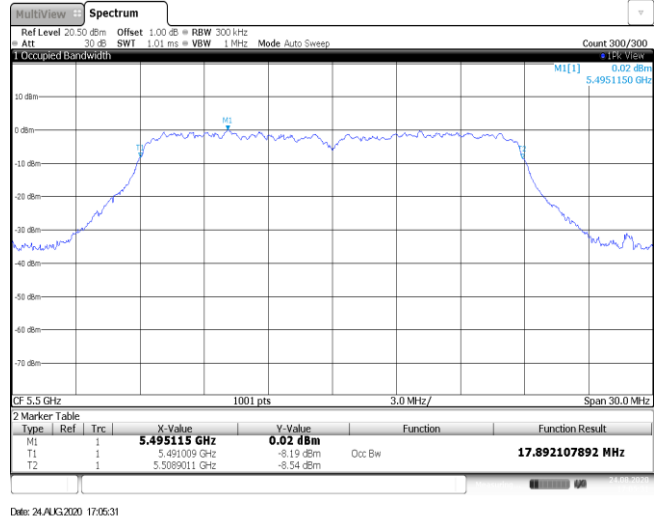
Band II **802.11ac (HT80)**

CH_M

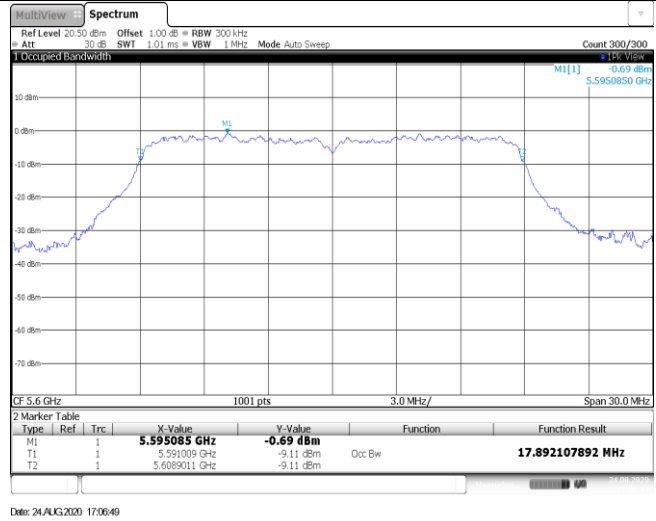


Band III **802.11ac (HT20)**

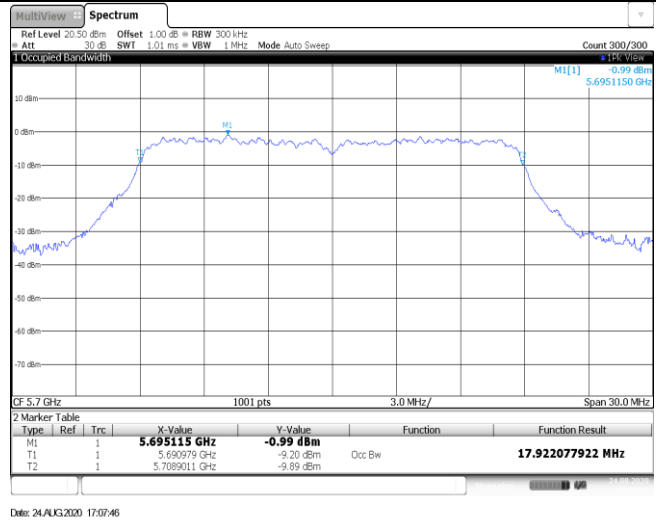
CH_L



CH_M



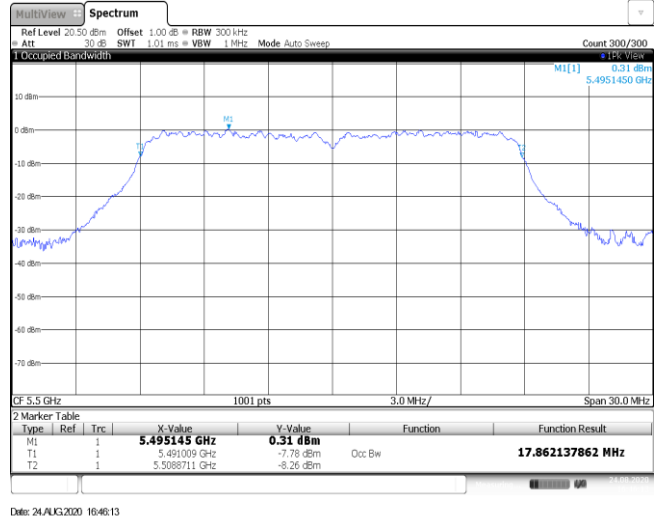
CH_H



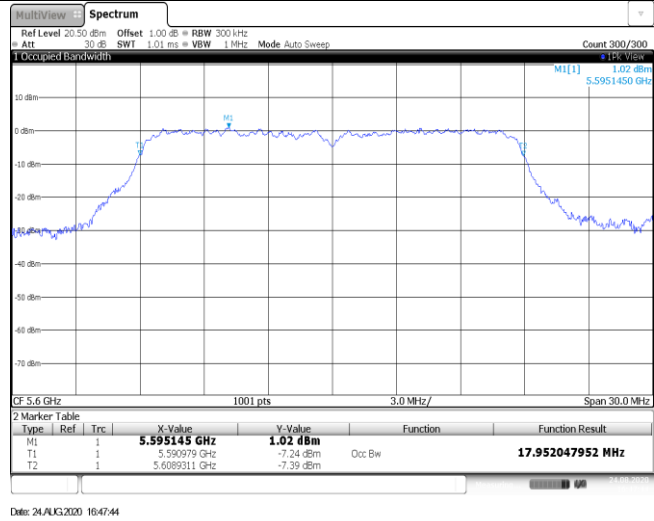
Band III

802.11n (HT20)

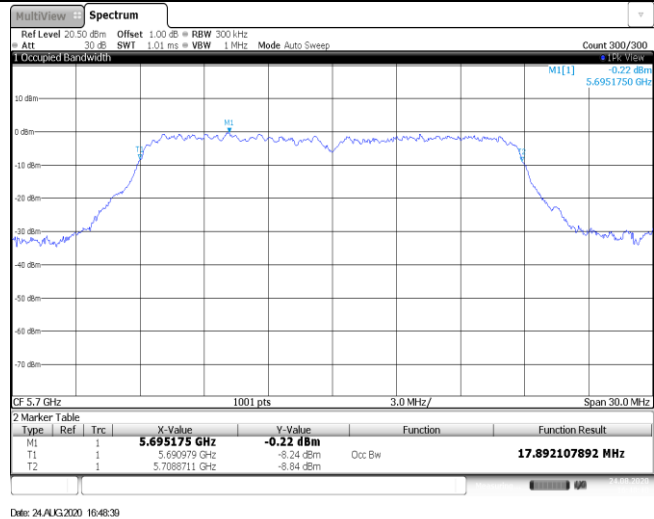
CH_L



CH_M



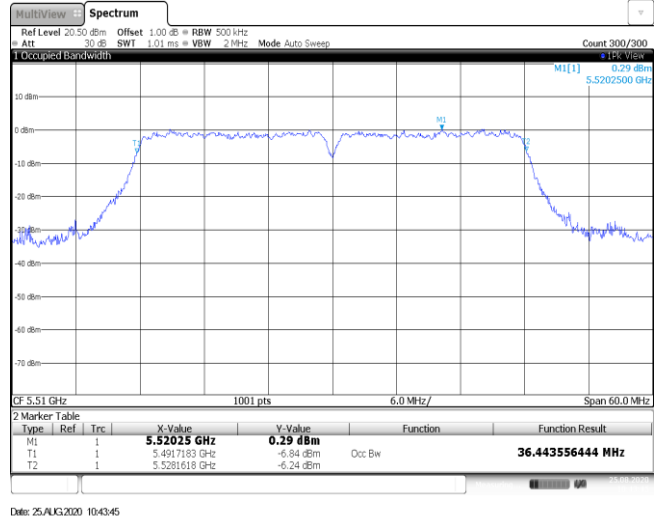
CH_H



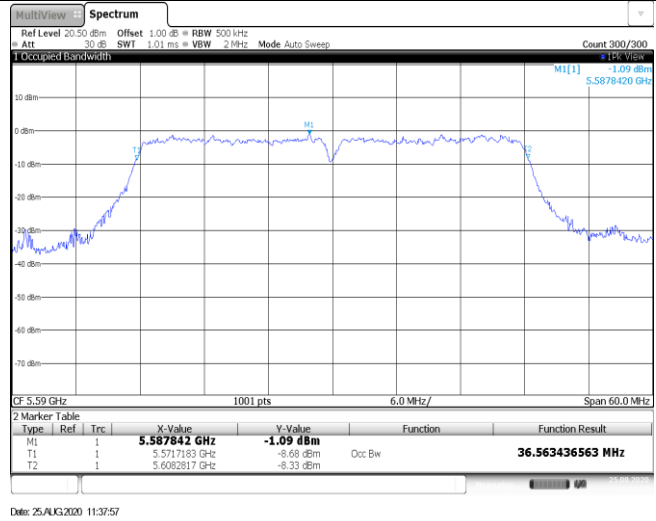
Band III		802.11a																												
CH _L	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att -30 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth M1(1) 1.30 dBm 5.5041360 GHz</p> <p>CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <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>5.504136 GHz</td> <td>1.30 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.4914885 GHz</td> <td>-7.36 dBm</td> <td>Occ Bw</td> <td>16.813186813 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.5083017 GHz</td> <td>-6.82 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 24/JUL/2020 16:38:48</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.504136 GHz	1.30 dBm			T1	1		5.4914885 GHz	-7.36 dBm	Occ Bw	16.813186813 MHz	T2	1		5.5083017 GHz	-6.82 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.504136 GHz	1.30 dBm																										
T1	1		5.4914885 GHz	-7.36 dBm	Occ Bw	16.813186813 MHz																								
T2	1		5.5083017 GHz	-6.82 dBm																										
CH _M	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att -30 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth M1(1) 0.76 dBm 5.6041360 GHz</p> <p>CF 5.6 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>5.604136 GHz</td> <td>0.76 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.5914285 GHz</td> <td>-8.06 dBm</td> <td>Occ Bw</td> <td>16.873126873 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.6083317 GHz</td> <td>-7.98 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 24/JUL/2020 16:42:39</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.604136 GHz	0.76 dBm			T1	1		5.5914285 GHz	-8.06 dBm	Occ Bw	16.873126873 MHz	T2	1		5.6083317 GHz	-7.98 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.604136 GHz	0.76 dBm																										
T1	1		5.5914285 GHz	-8.06 dBm	Occ Bw	16.873126873 MHz																								
T2	1		5.6083317 GHz	-7.98 dBm																										
CH _H	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att -30 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth M1(1) -0.38 dBm 5.7041060 GHz</p> <p>CF 5.7 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>5.704106 GHz</td> <td>-0.38 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.6914286 GHz</td> <td>-9.37 dBm</td> <td>Occ Bw</td> <td>16.873126873 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.7083017 GHz</td> <td>-8.78 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 24/JUL/2020 16:43:47</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.704106 GHz	-0.38 dBm			T1	1		5.6914286 GHz	-9.37 dBm	Occ Bw	16.873126873 MHz	T2	1		5.7083017 GHz	-8.78 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.704106 GHz	-0.38 dBm																										
T1	1		5.6914286 GHz	-9.37 dBm	Occ Bw	16.873126873 MHz																								
T2	1		5.7083017 GHz	-8.78 dBm																										

Band III **802.11ac (HT40)**

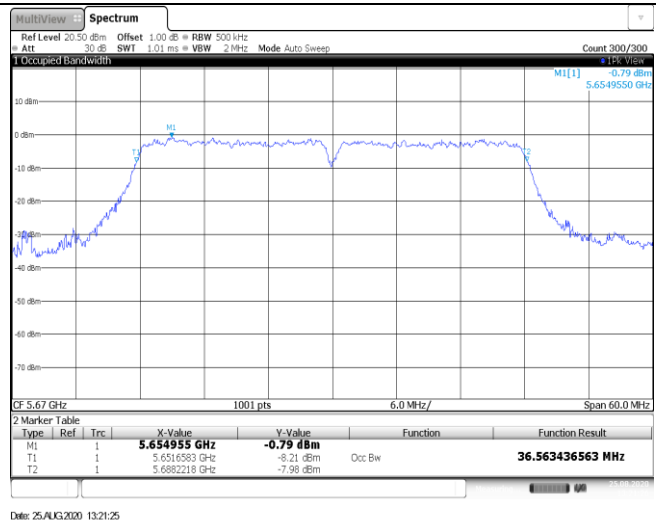
CH_L



CH_M

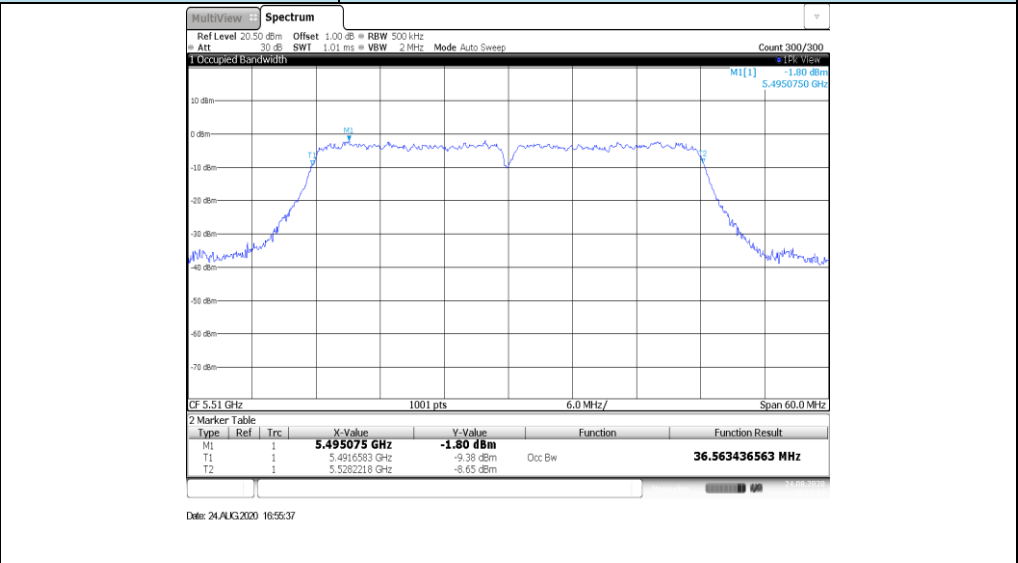


CH_H

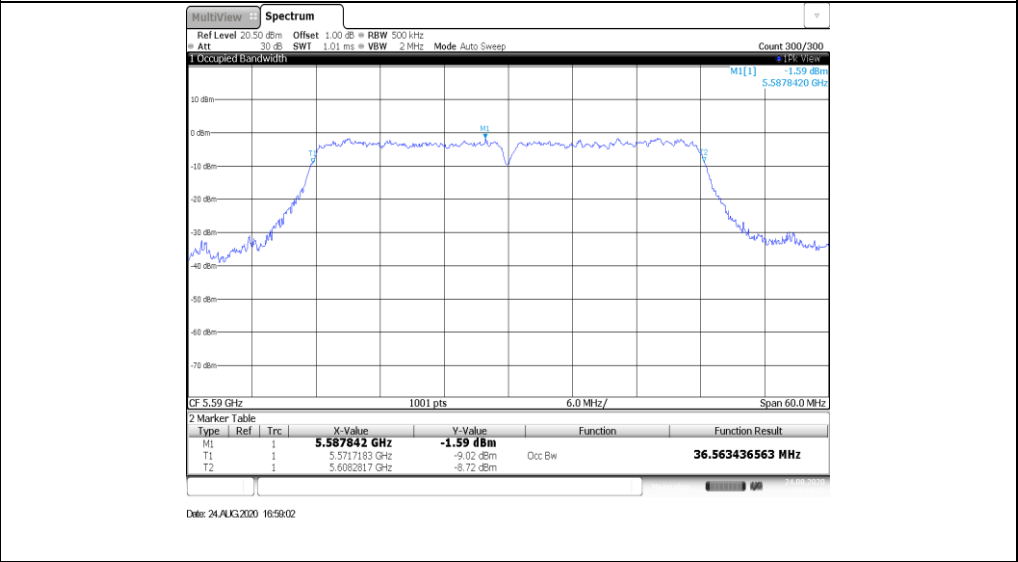


Band III **802.11n (HT40)**

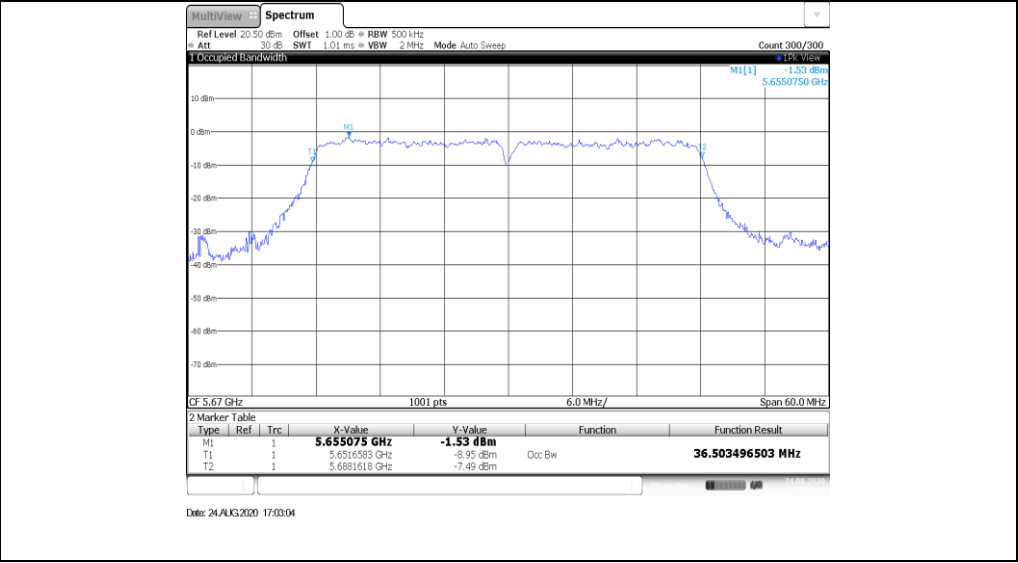
CH_L



CH_M

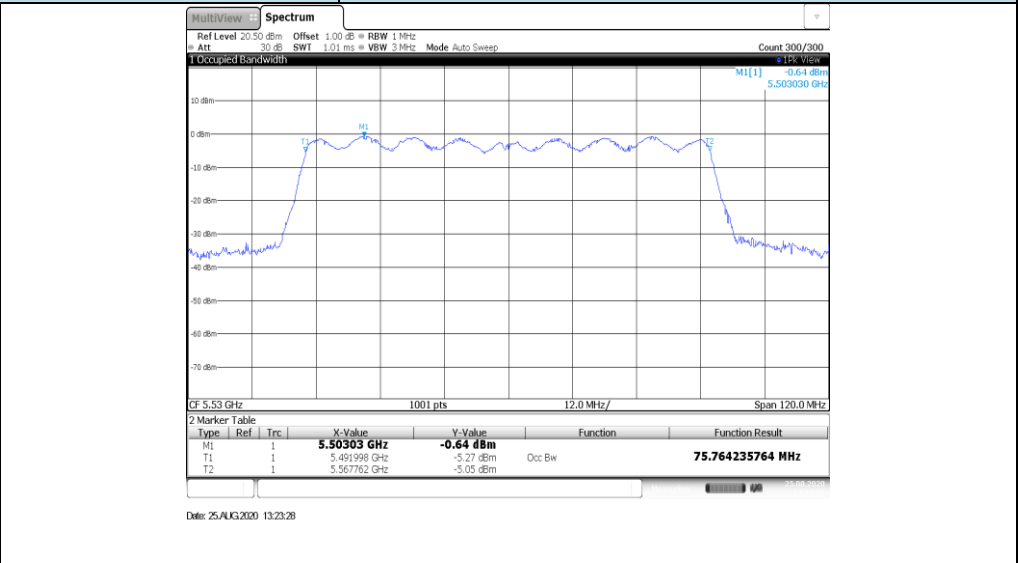


CH_H

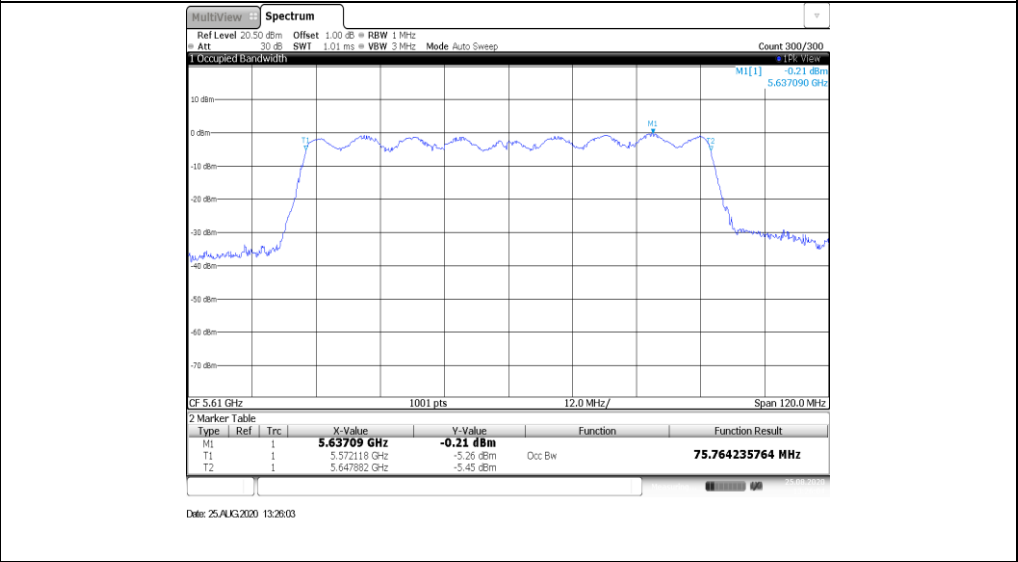


Band III **802.11ac (HT80)**

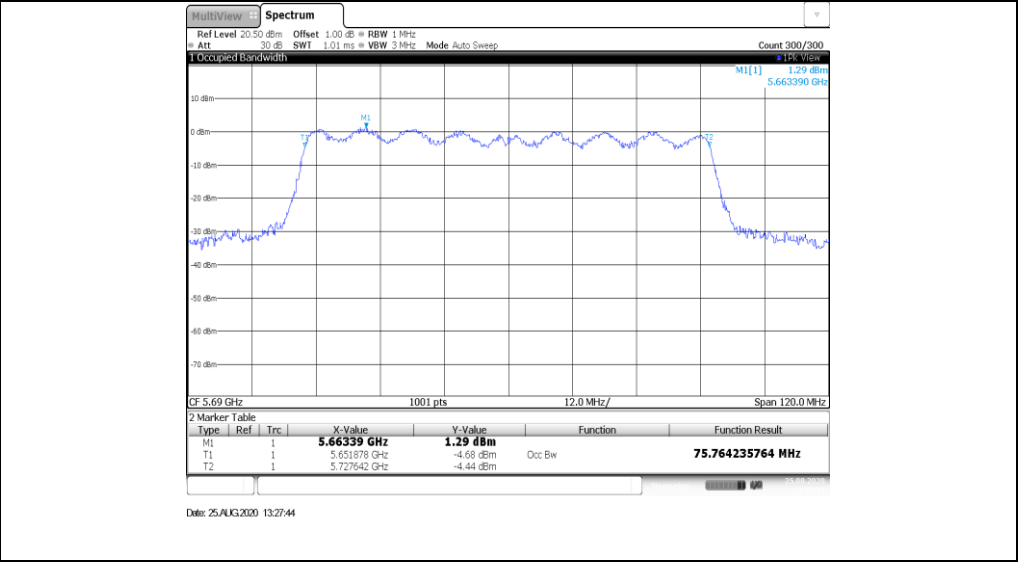
CH_L



CH_M



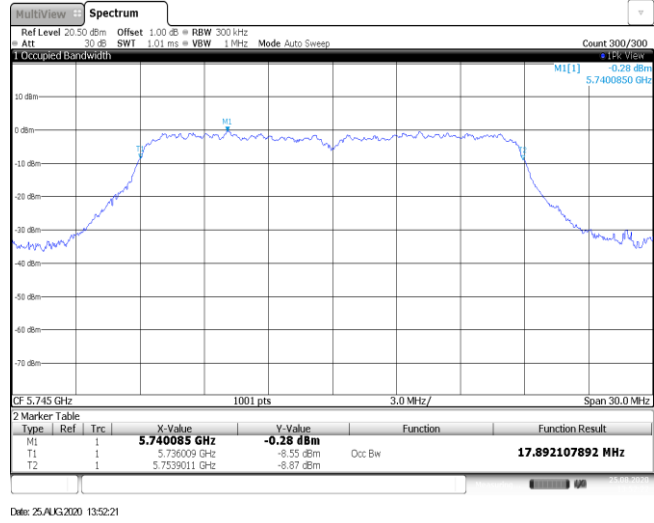
CH_H



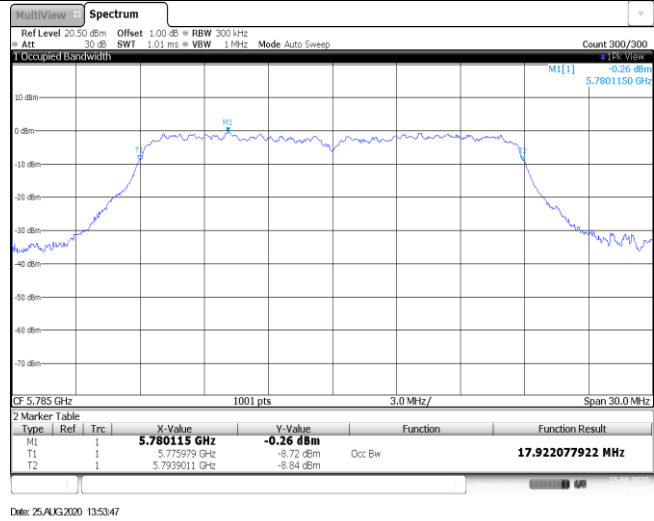
Band IV

802.11ac (HT20)

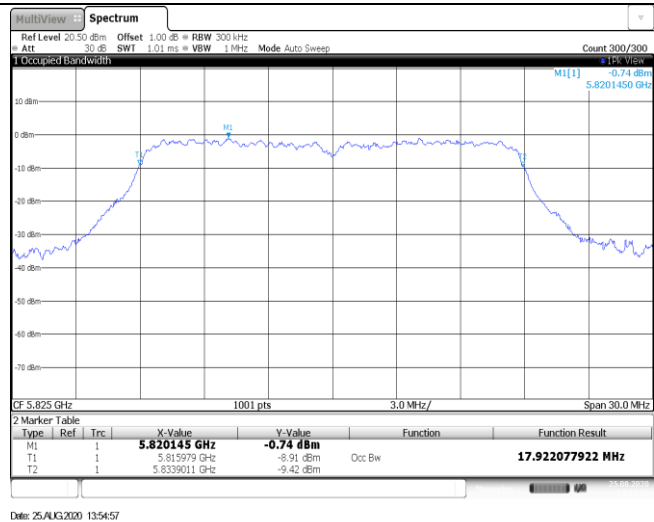
CH_L



CH_M

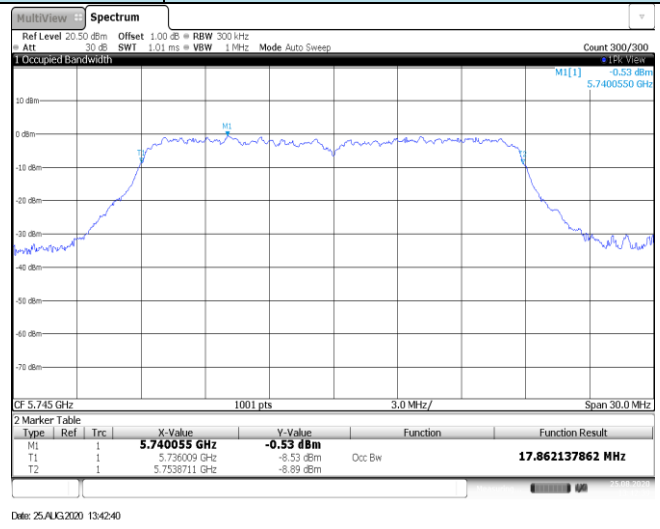


CH_H

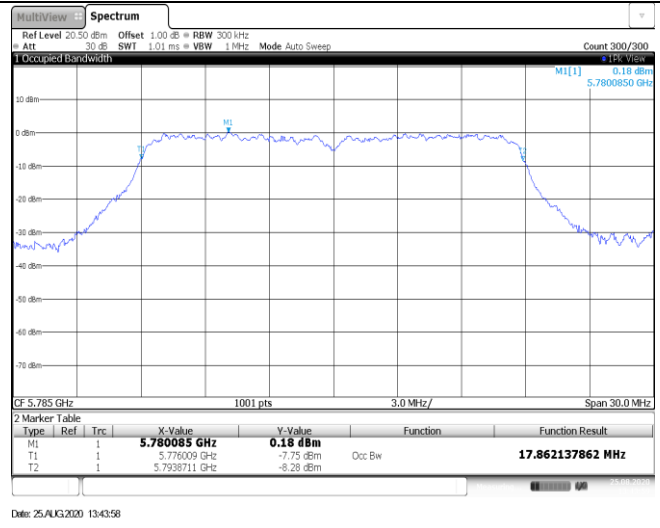


Band IV **802.11n (HT20)**

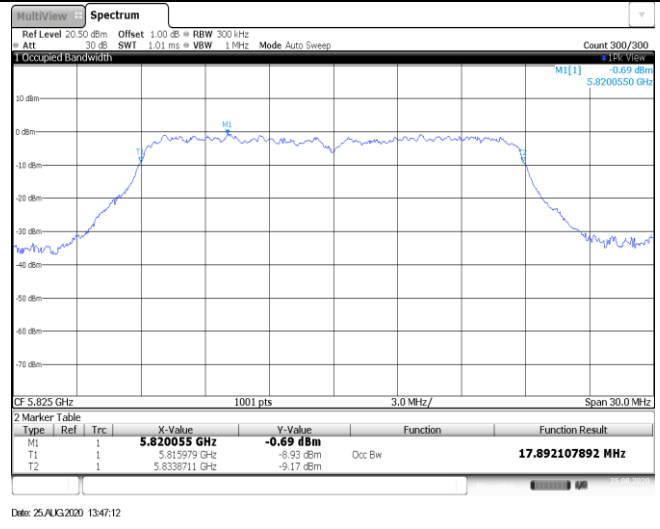
CH_L



CH_M



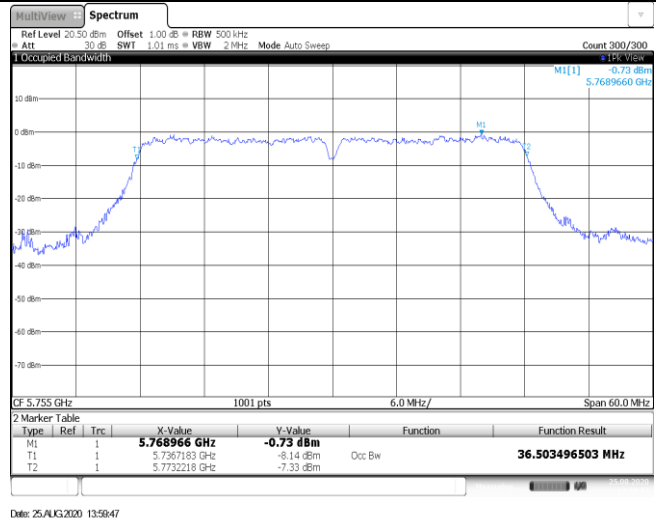
CH_H



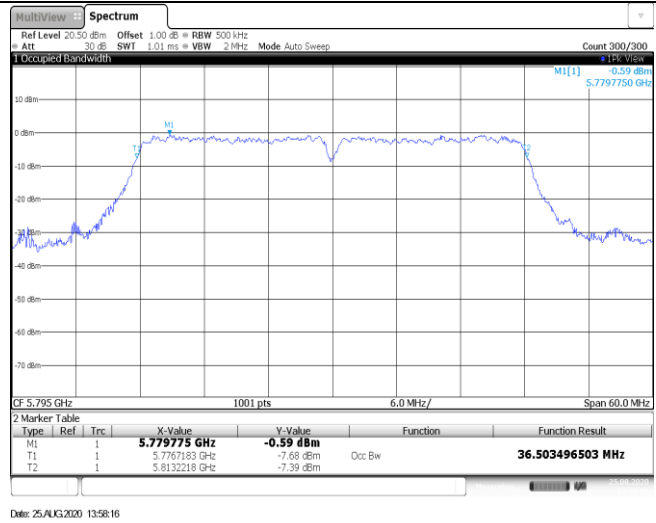
Band IV		802.11a																												
CH _L	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth M1[1] 0.74 dBm 5.7491060 GHz</p> <p>CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz</p> <table border="1"> <thead> <tr> <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>5.749106 GHz</td> <td>0.74 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.7364385 GHz</td> <td>-8.24 dBm</td> <td>Occ Bw</td> <td>16.843156843 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.7533017 GHz</td> <td>-7.58 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 25/AUG/2020 13:37:37</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.749106 GHz	0.74 dBm			T1	1		5.7364385 GHz	-8.24 dBm	Occ Bw	16.843156843 MHz	T2	1		5.7533017 GHz	-7.58 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.749106 GHz	0.74 dBm																										
T1	1		5.7364385 GHz	-8.24 dBm	Occ Bw	16.843156843 MHz																								
T2	1		5.7533017 GHz	-7.58 dBm																										
CH _M	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth M1[1] -0.43 dBm 5.7891360 GHz</p> <p>CF 5.785 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>5.789136 GHz</td> <td>-0.43 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.7764385 GHz</td> <td>-9.28 dBm</td> <td>Occ Bw</td> <td>16.843156843 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.7933017 GHz</td> <td>-8.79 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 25/AUG/2020 13:38:25</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.789136 GHz	-0.43 dBm			T1	1		5.7764385 GHz	-9.28 dBm	Occ Bw	16.843156843 MHz	T2	1		5.7933017 GHz	-8.79 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.789136 GHz	-0.43 dBm																										
T1	1		5.7764385 GHz	-9.28 dBm	Occ Bw	16.843156843 MHz																								
T2	1		5.7933017 GHz	-8.79 dBm																										
CH _H	<p>Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att 30 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth M1[1] -0.78 dBm 5.8291060 GHz</p> <p>CF 5.825 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>5.829106 GHz</td> <td>-0.78 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.8164385 GHz</td> <td>-9.59 dBm</td> <td>Occ Bw</td> <td>16.843156843 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.8333017 GHz</td> <td>-9.24 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 25/AUG/2020 13:38:50</p>		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.829106 GHz	-0.78 dBm			T1	1		5.8164385 GHz	-9.59 dBm	Occ Bw	16.843156843 MHz	T2	1		5.8333017 GHz	-9.24 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.829106 GHz	-0.78 dBm																										
T1	1		5.8164385 GHz	-9.59 dBm	Occ Bw	16.843156843 MHz																								
T2	1		5.8333017 GHz	-9.24 dBm																										

Band IV **802.11ac (HT40)**

CH_L

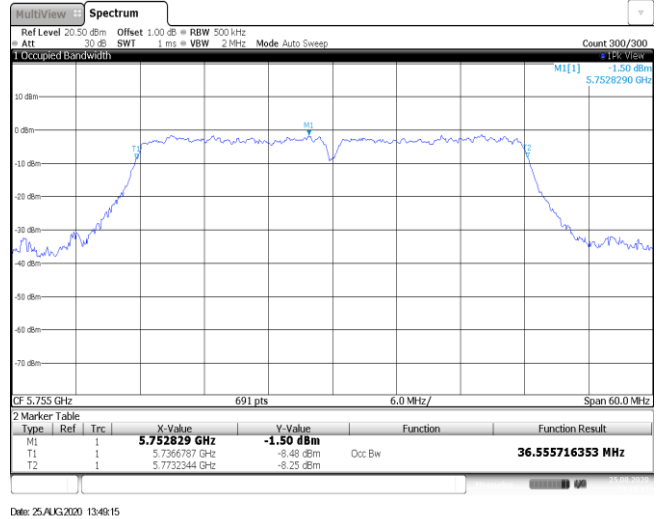


CH_H

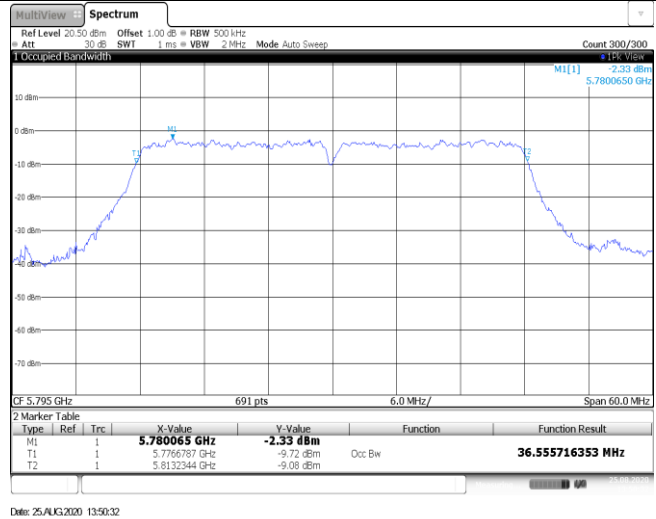


Band IV **802.11n (HT40)**

CH_L

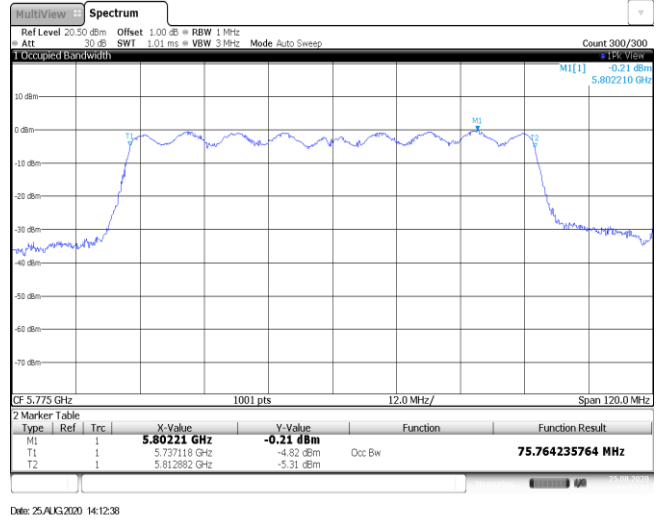


CH_H



Band IV **802.11ac (HT80)**

CH_M



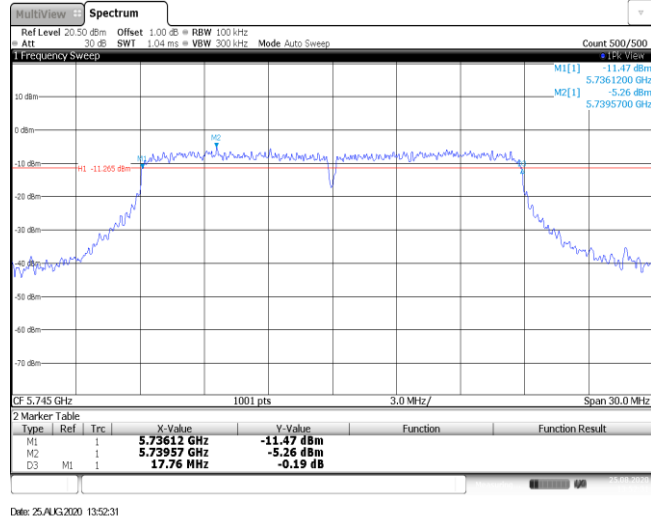
Appendix E: 6dB Bandwidth

Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.76	Pass
			CH _M	17.70	
			CH _H	17.70	
		802.11n	CH _L	17.70	Pass
			CH _M	17.73	
			CH _H	17.70	
		802.11a	CH _L	16.62	Pass
			CH _M	16.62	
			CH _H	16.62	
	40	802.11ac	CH _L	36.60	Pass
			CH _H	36.54	
		802.11n	CH _L	36.70	Pass
CH _H			36.61		
80		802.11ac	CH _M	76.68	Pass

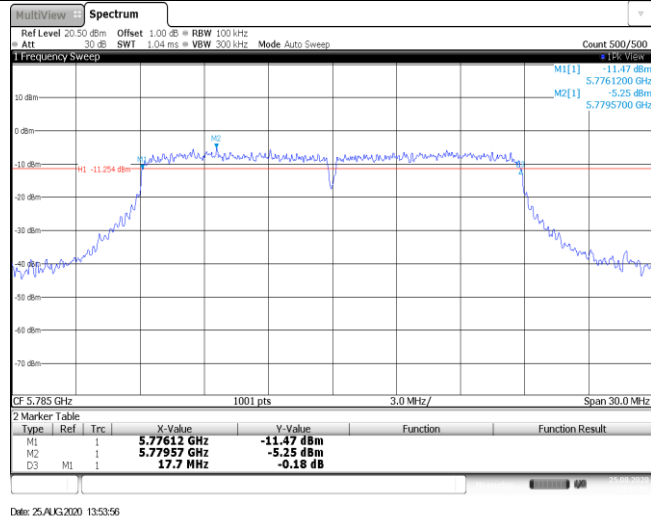
Band IV

802.11ac (HT20)

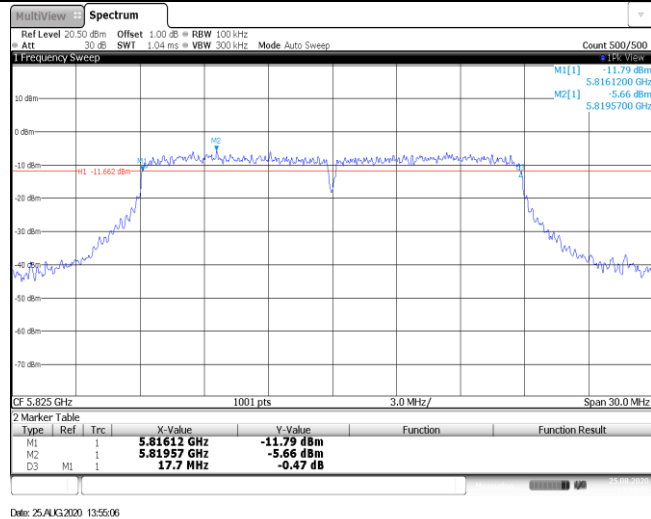
CH_L



CH_M



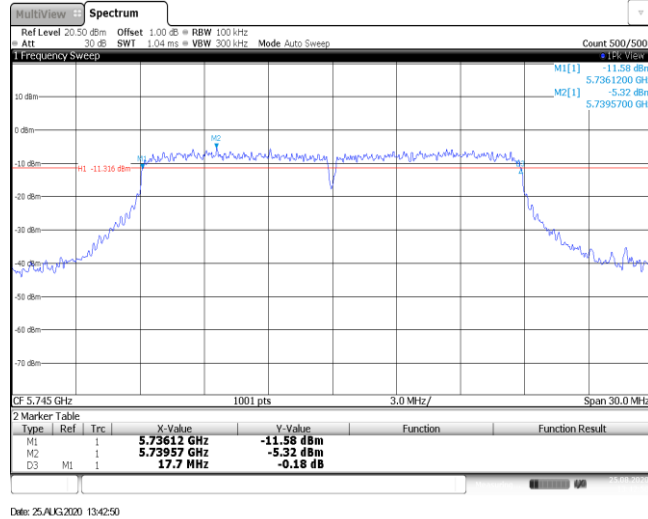
CH_H



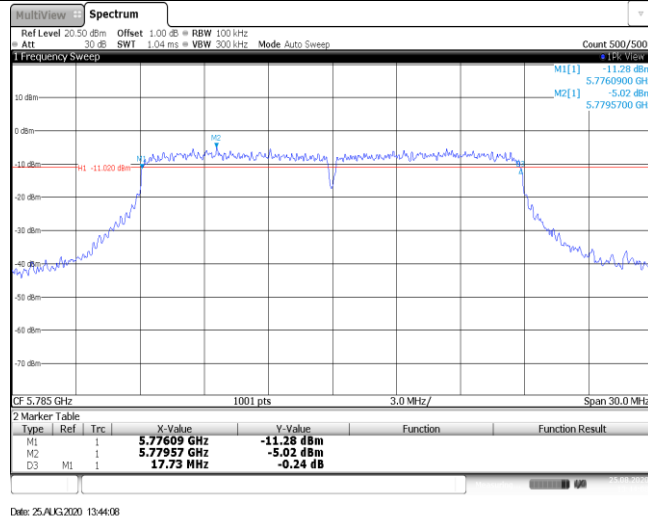
Band IV

802.11n (HT20)

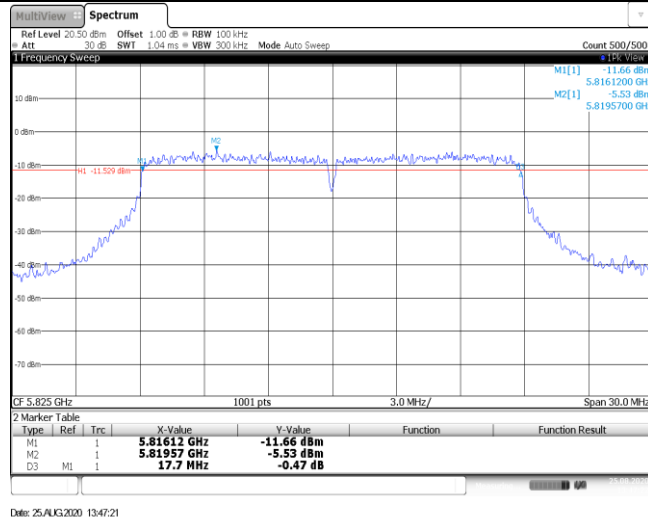
CH_L



CH_M

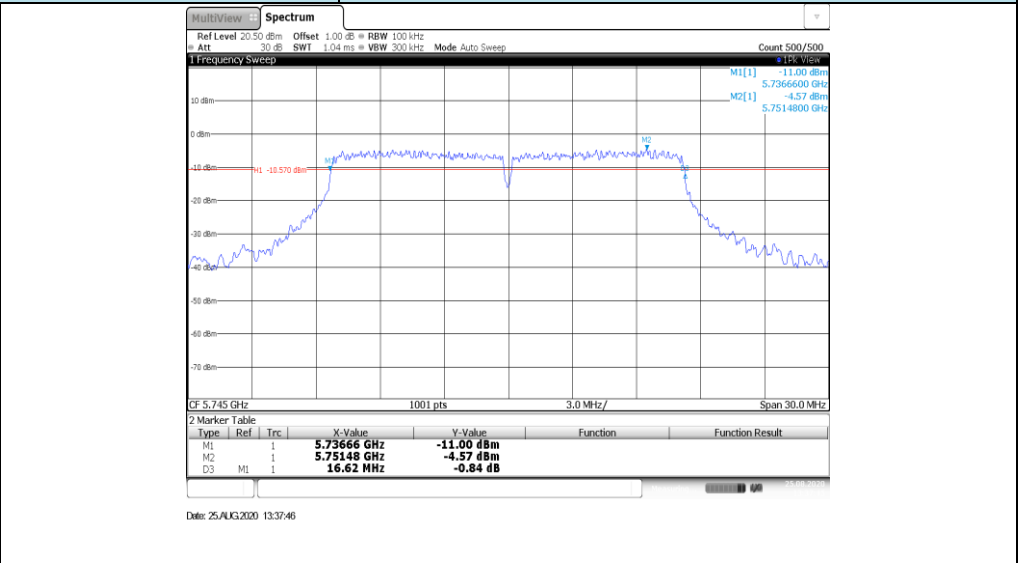


CH_H

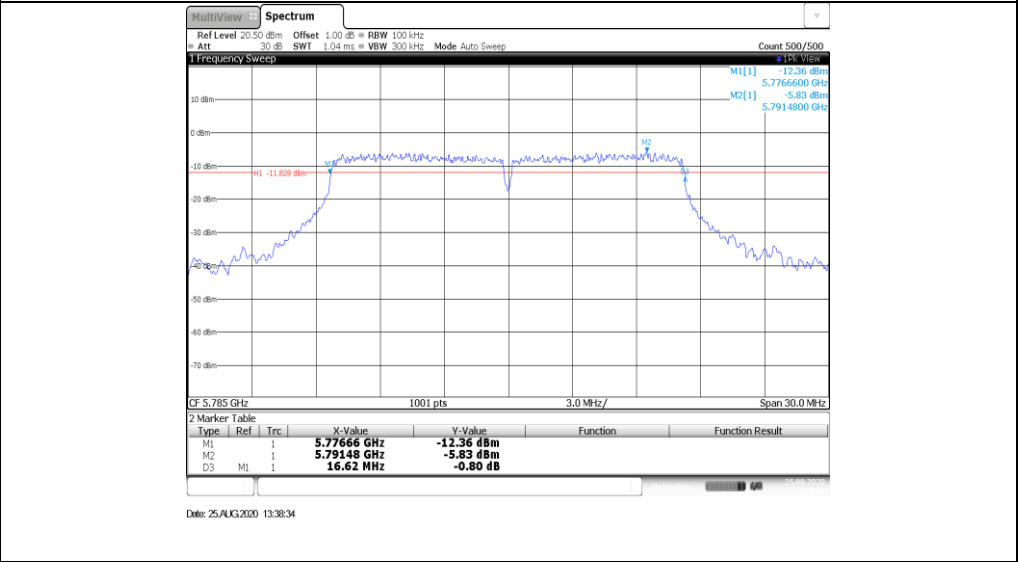


Band IV **802.11a**

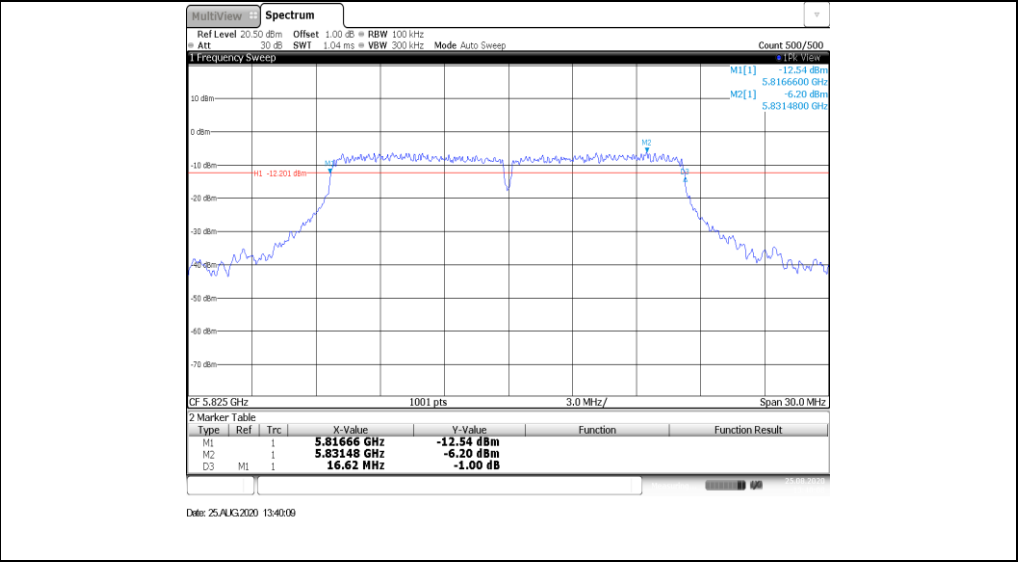
CH_L



CH_M



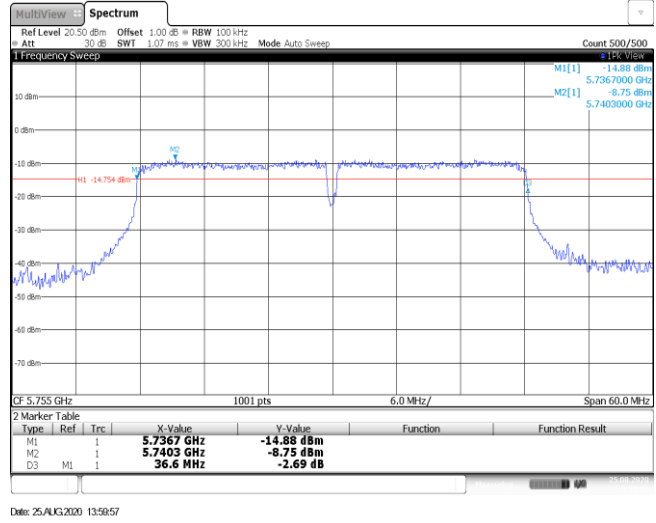
CH_H



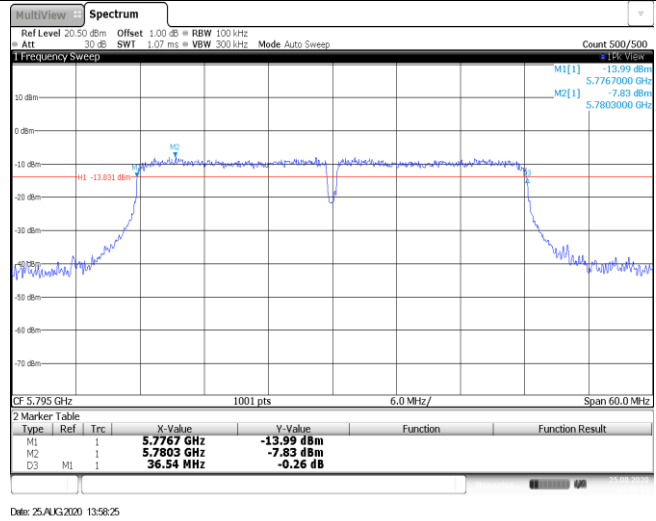
Band IV

802.11ac (HT40)

CH_L

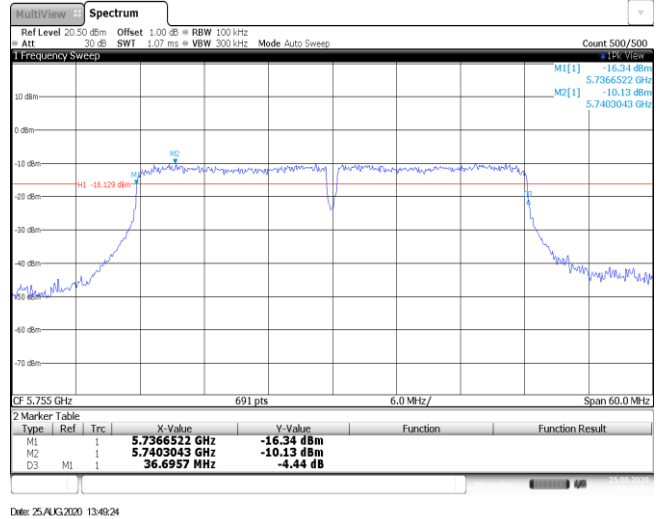


CH_H

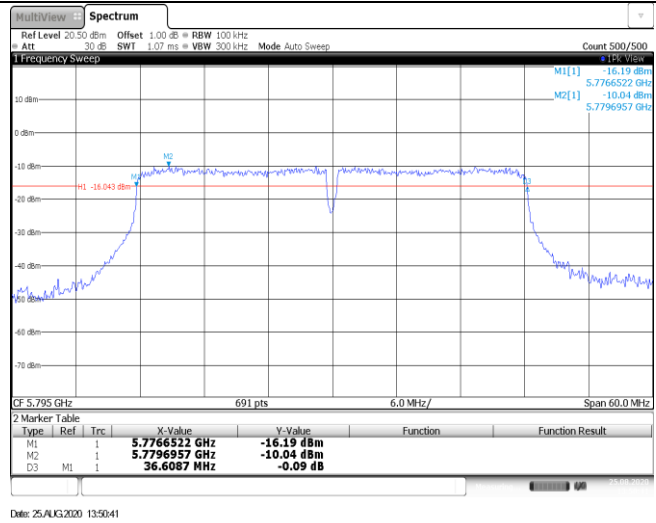


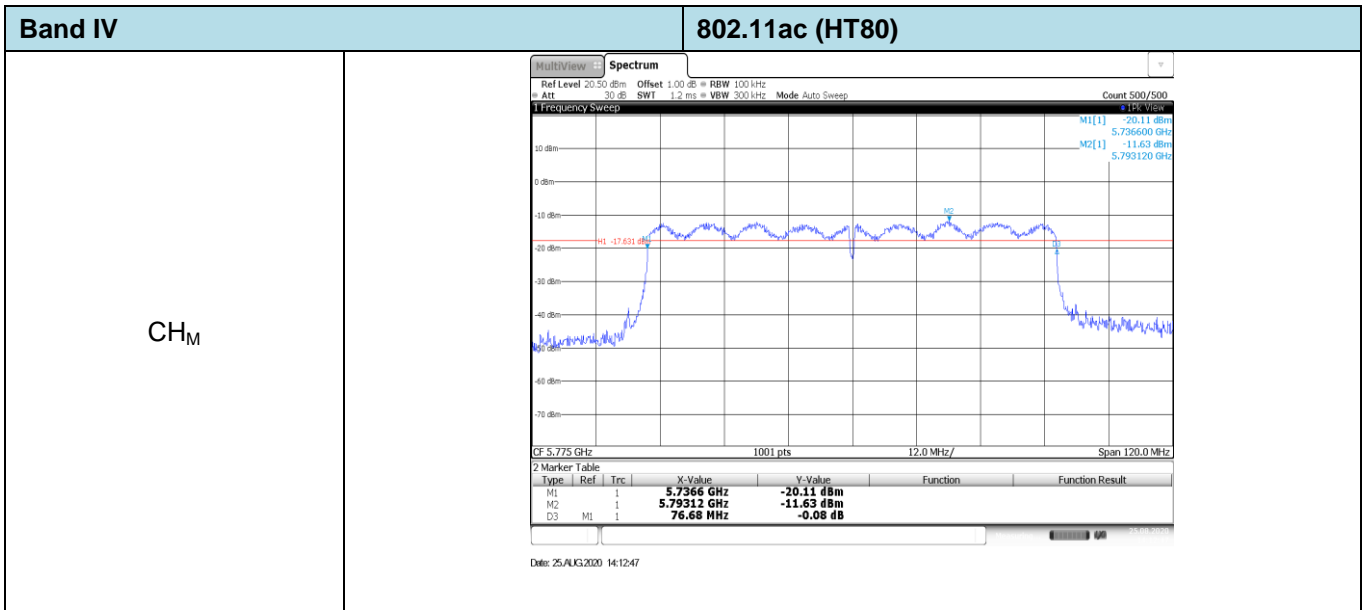
Band IV **802.11n (HT40)**

CH_L

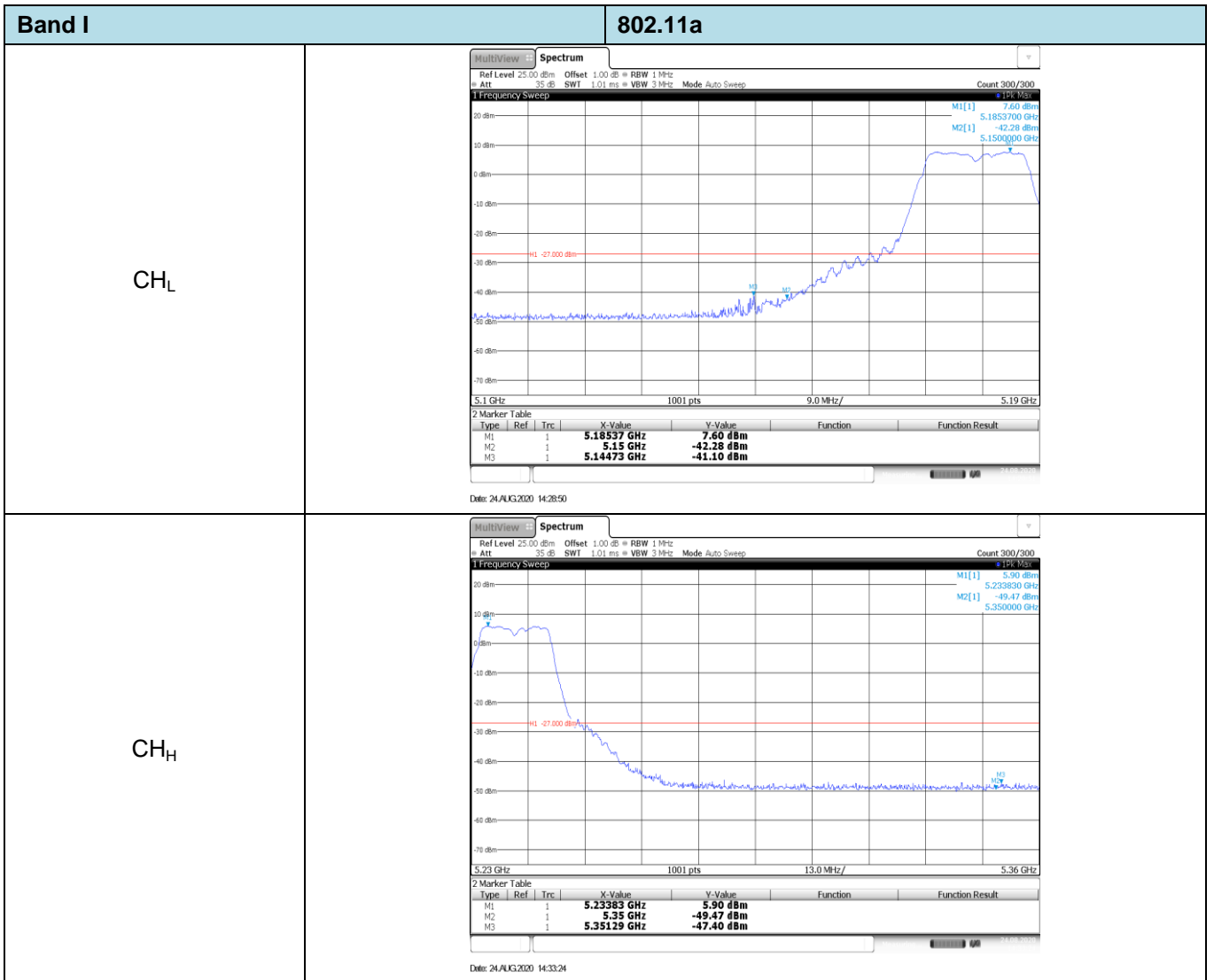


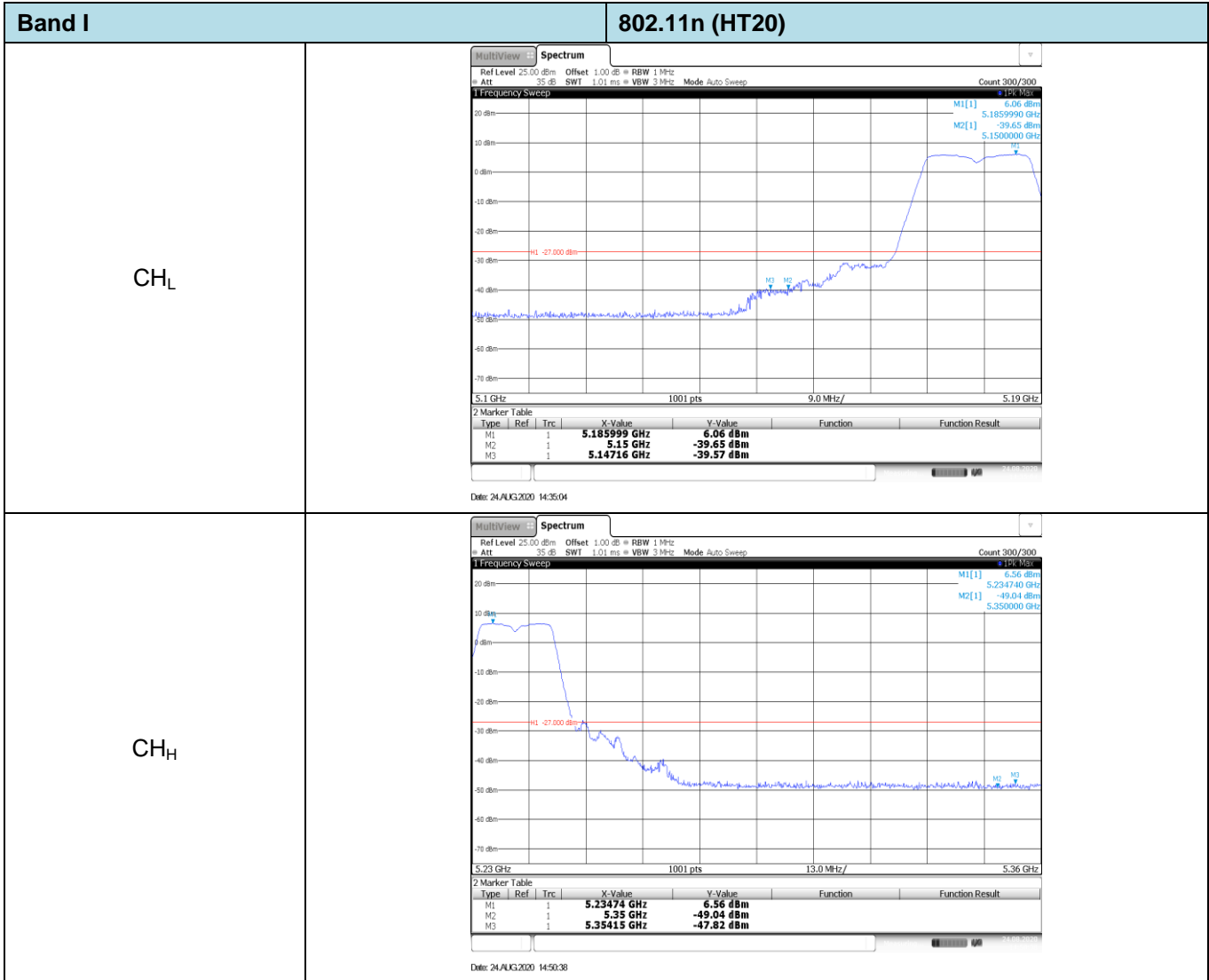
CH_H

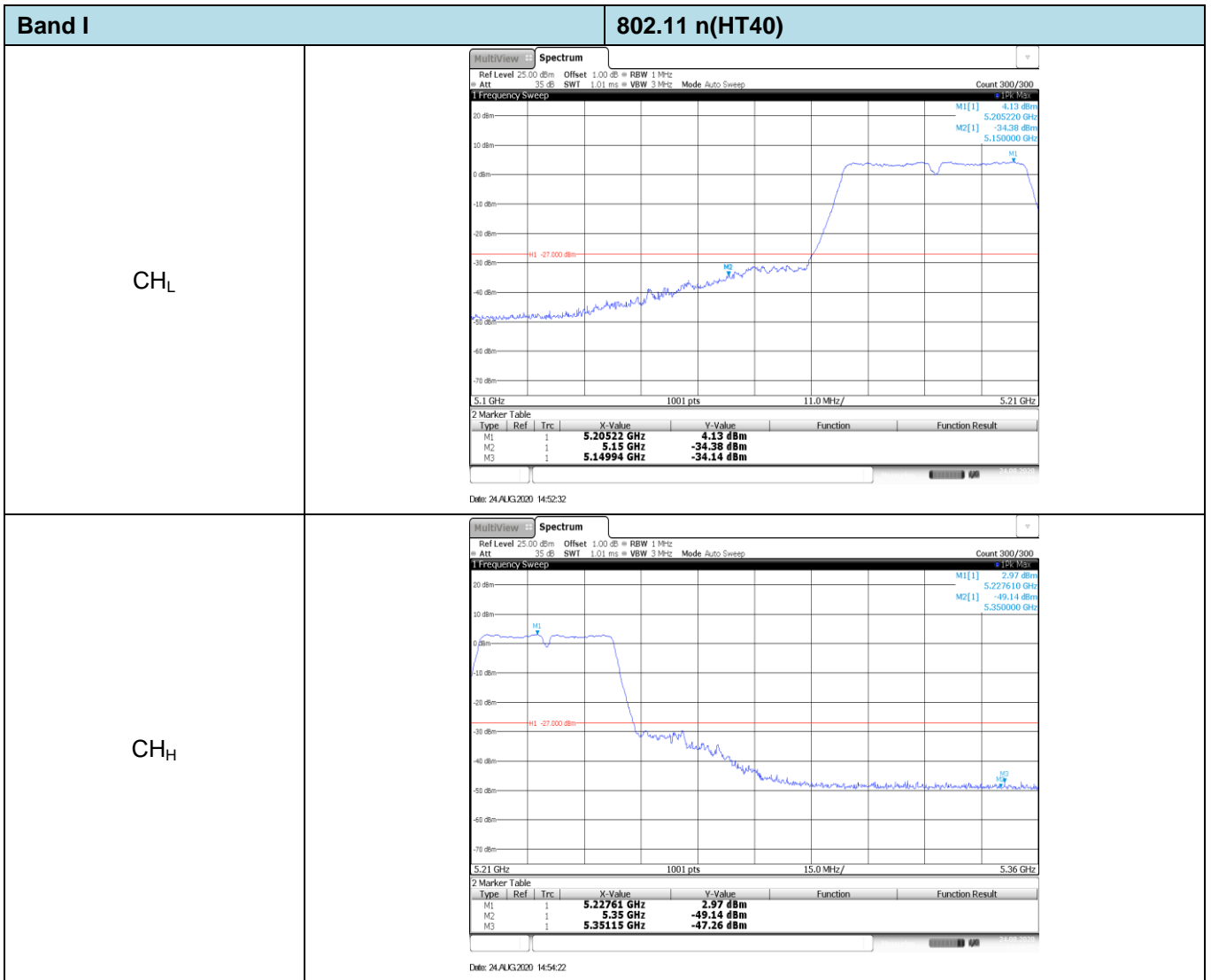


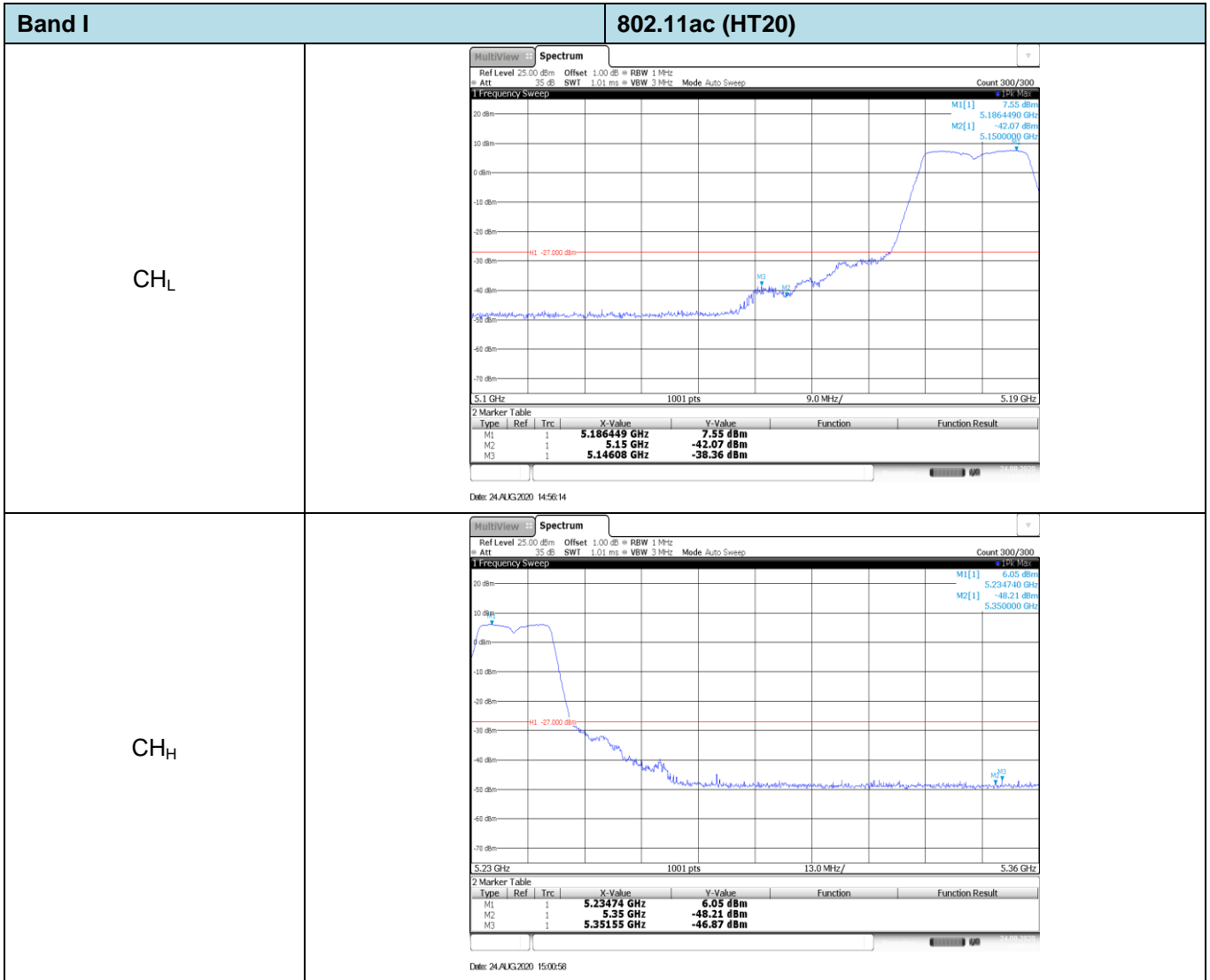


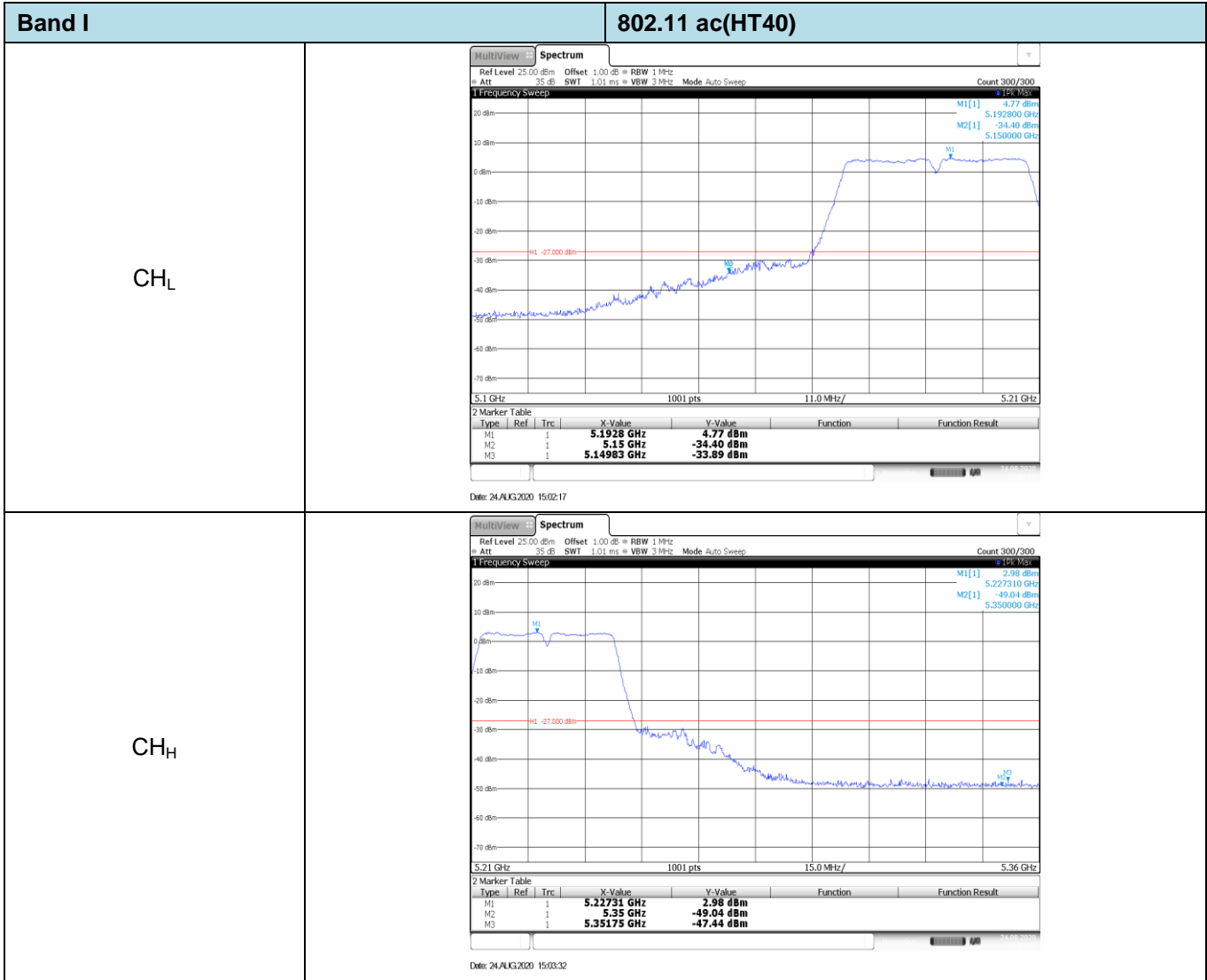
Appendix F: Band edge







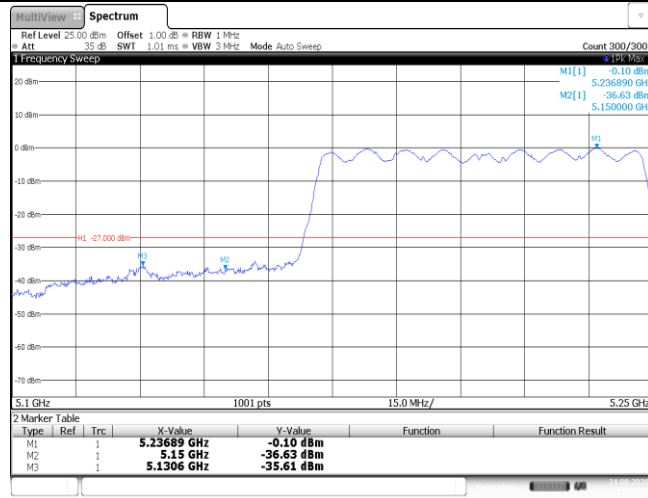


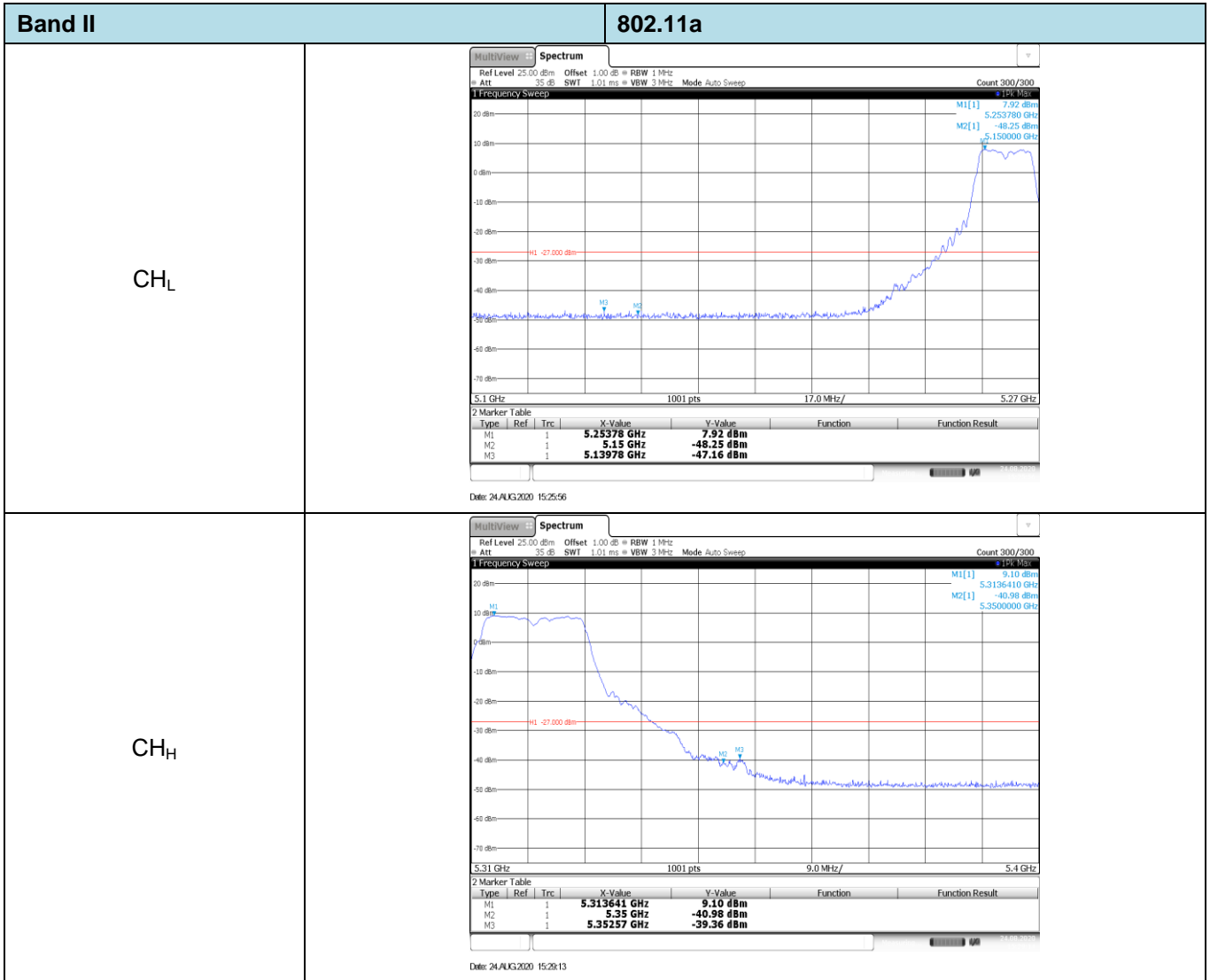


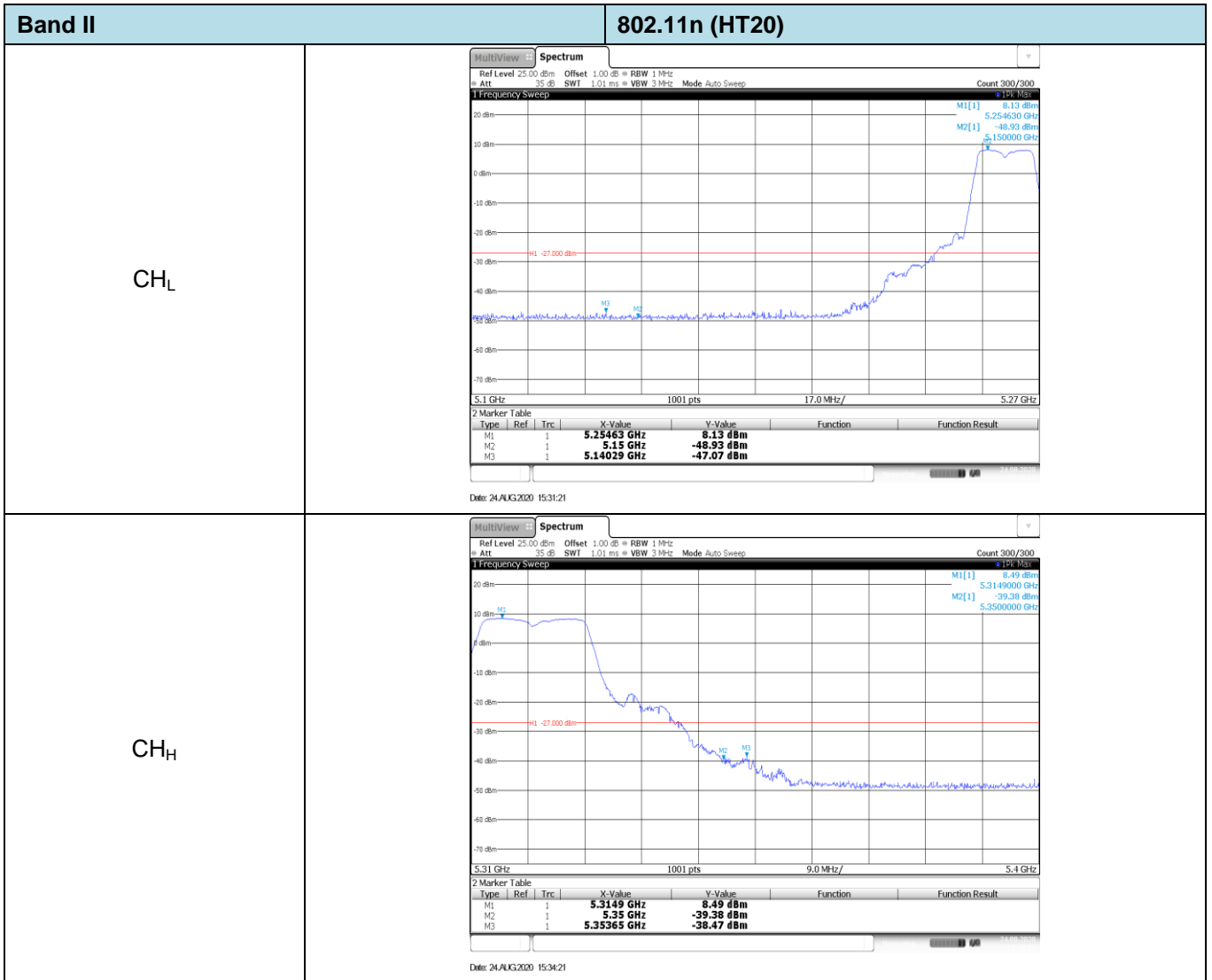
Band I

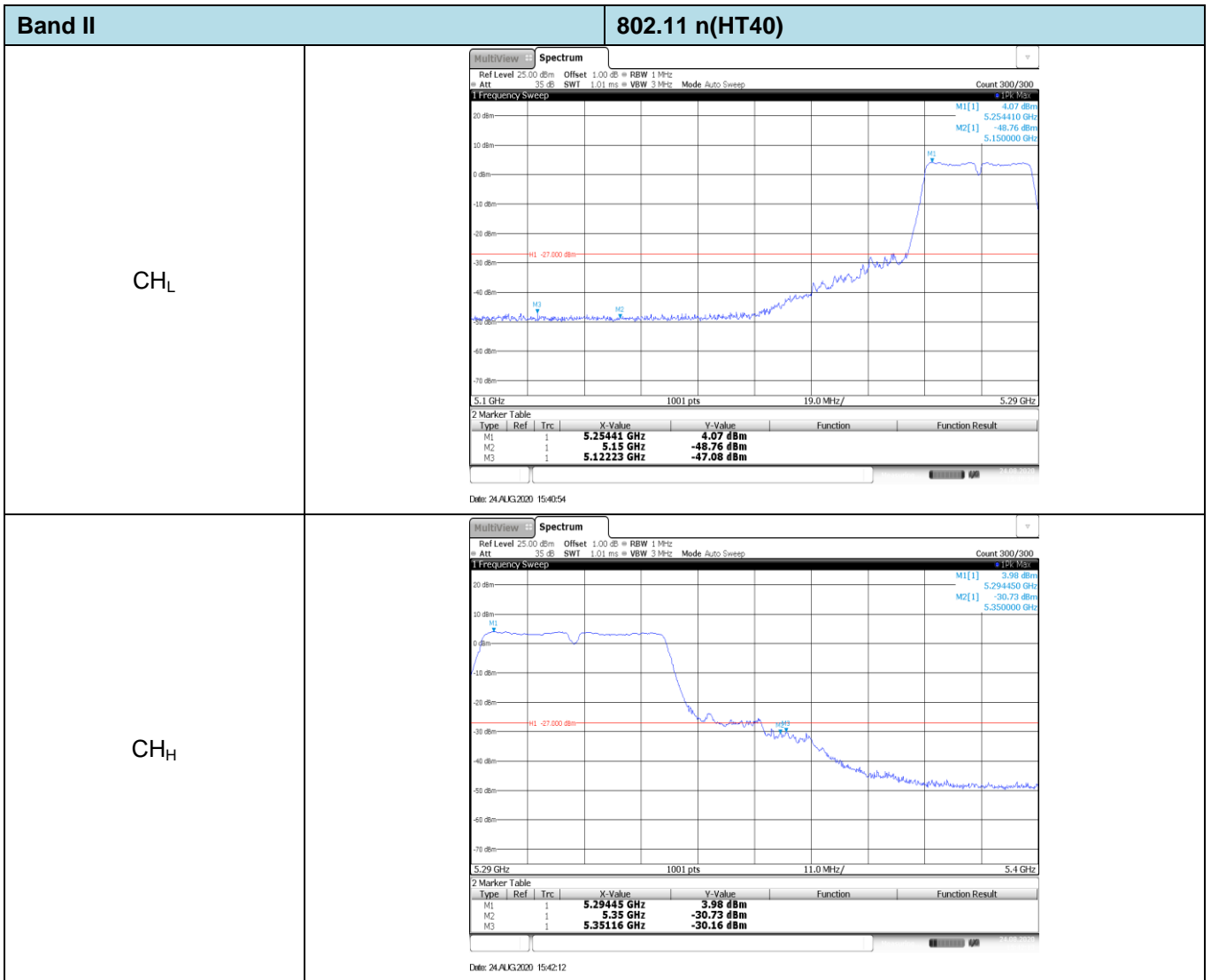
802.11 ac(HT80)

CH_L





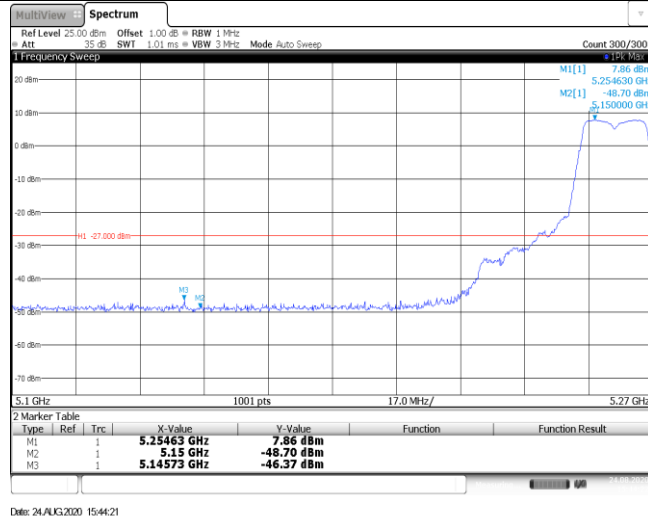




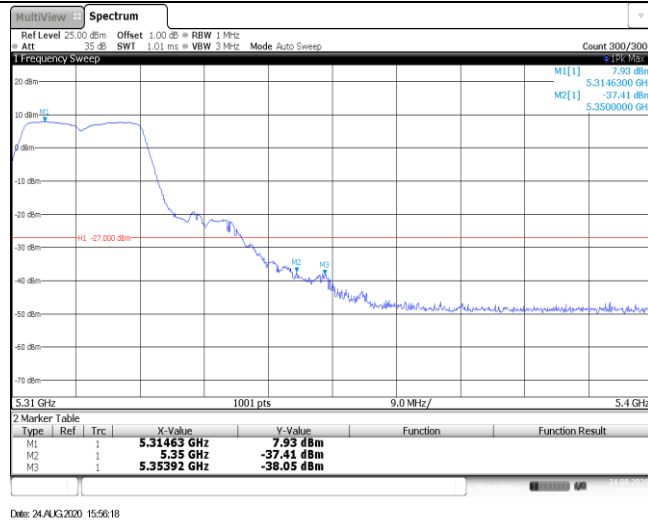
Band II

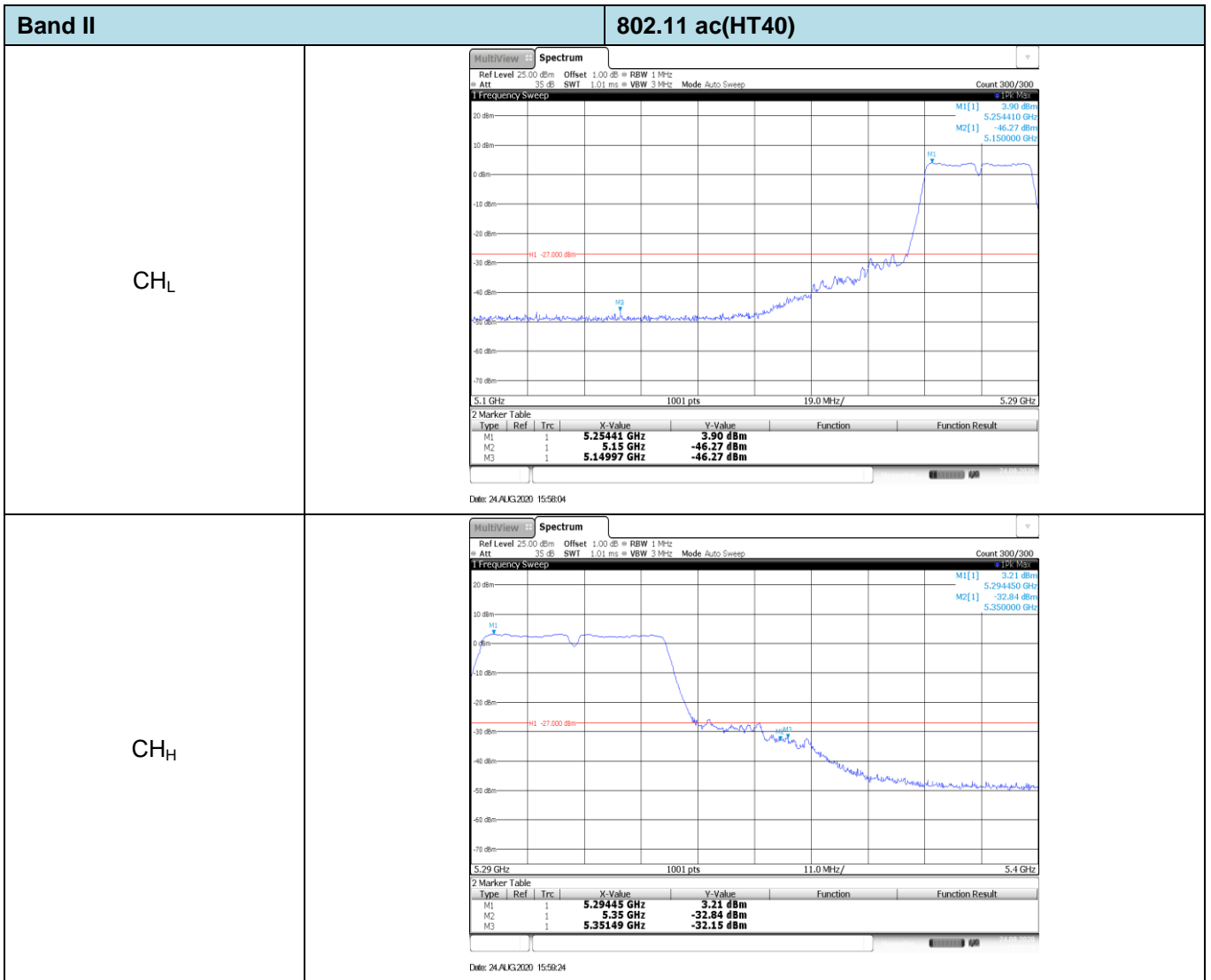
802.11ac (HT20)

CH_L



CH_H

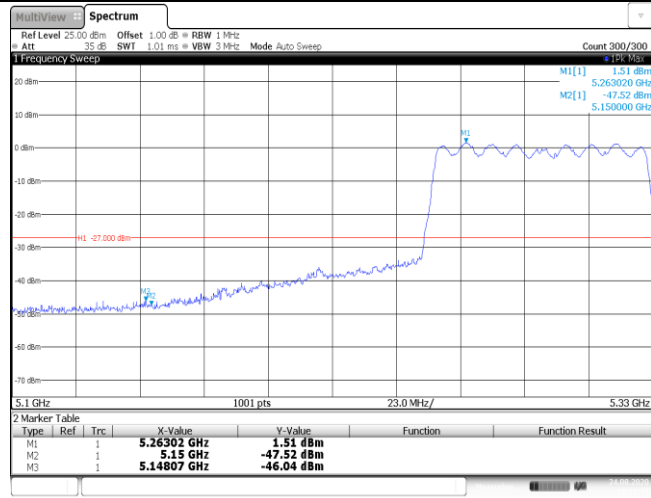




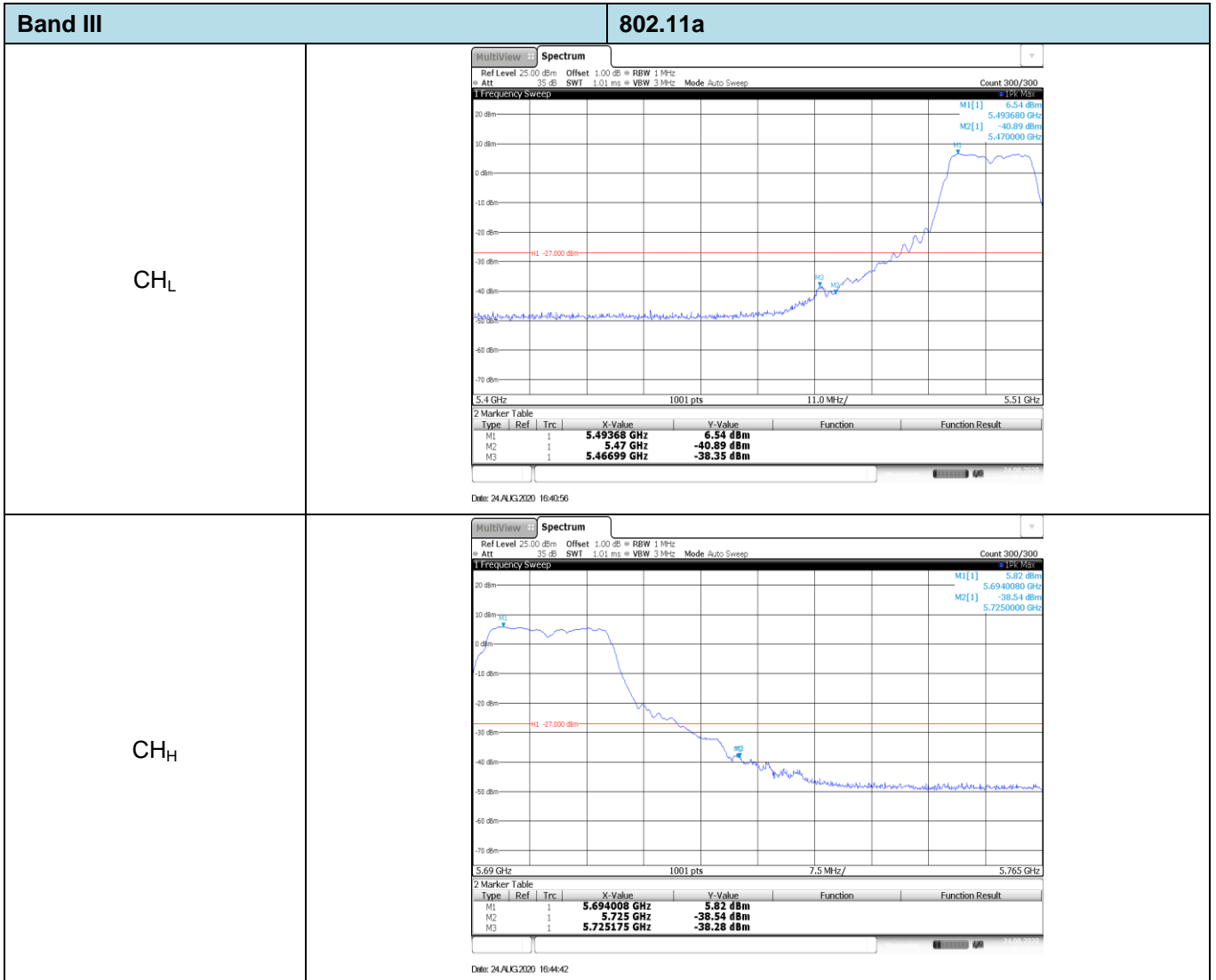
Band II

802.11 ac(HT80)

CH_L



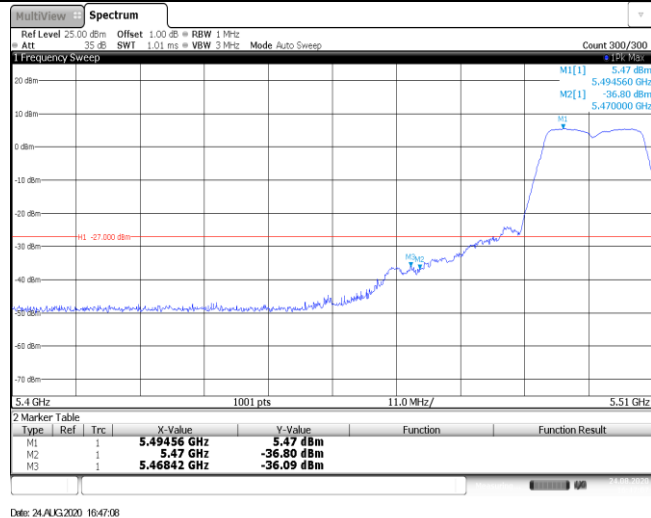
Date: 24/AUG/2020 16:11:48



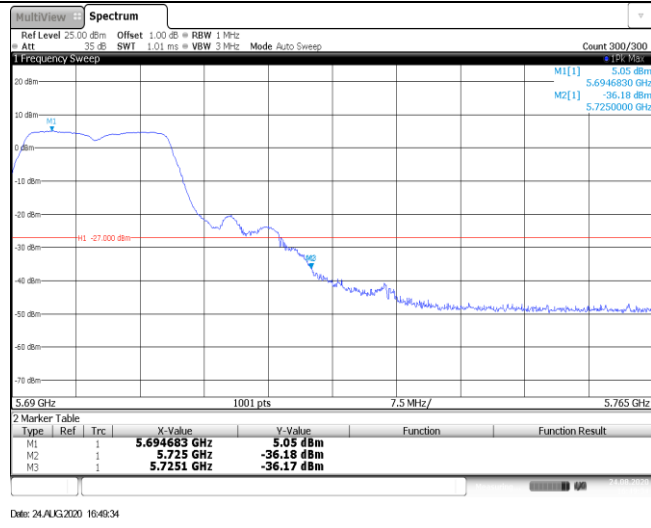
Band III

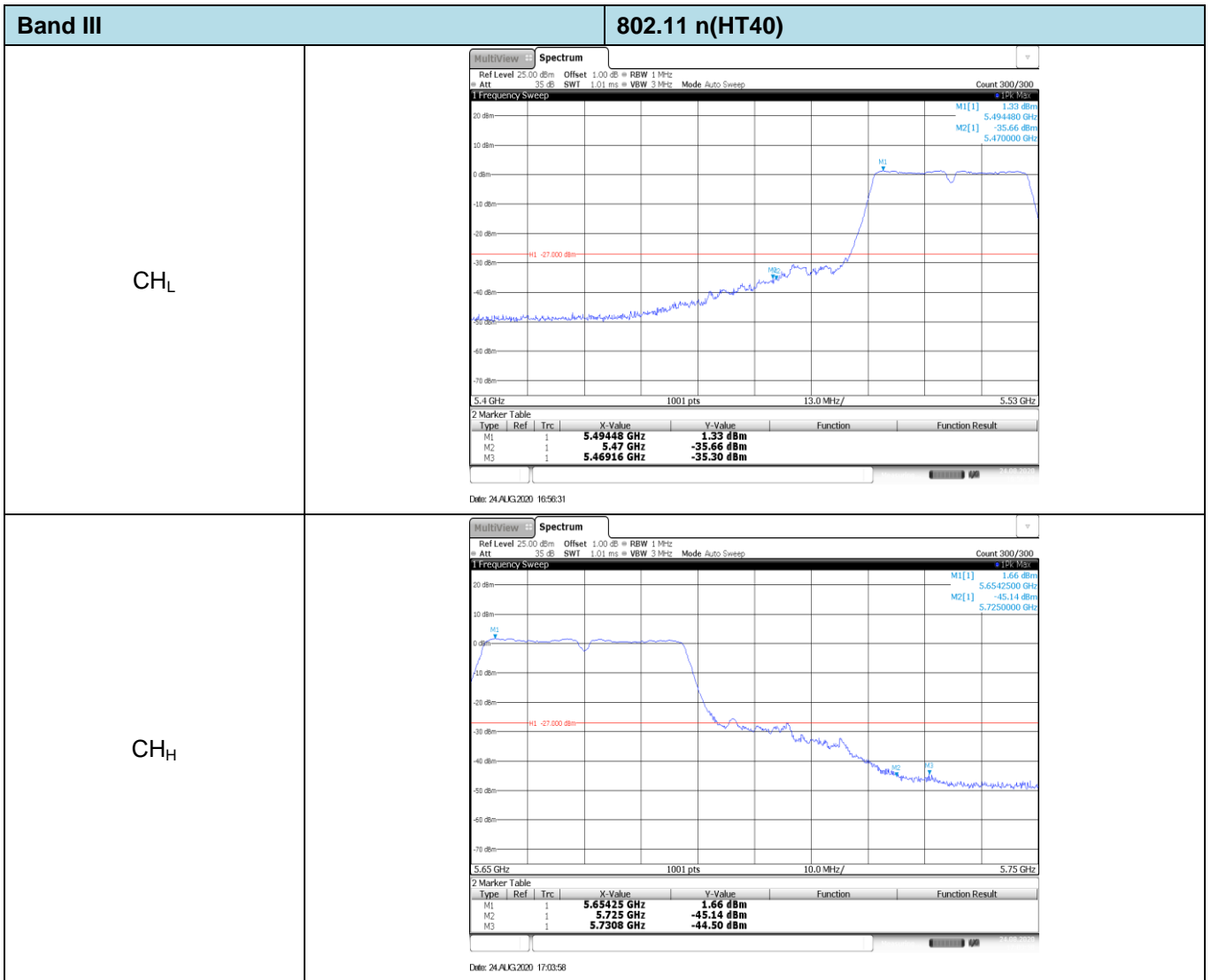
802.11n (HT20)

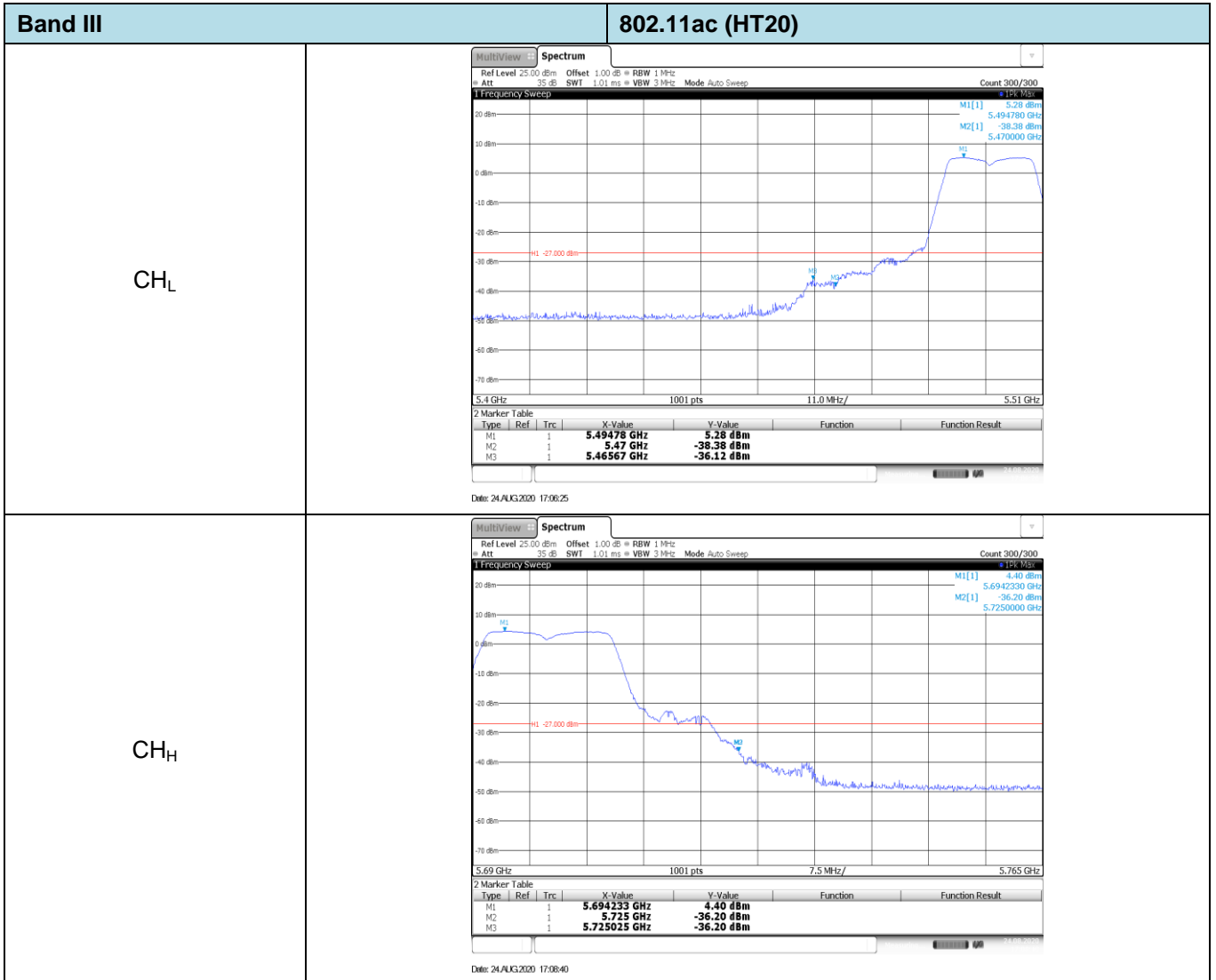
CH_L

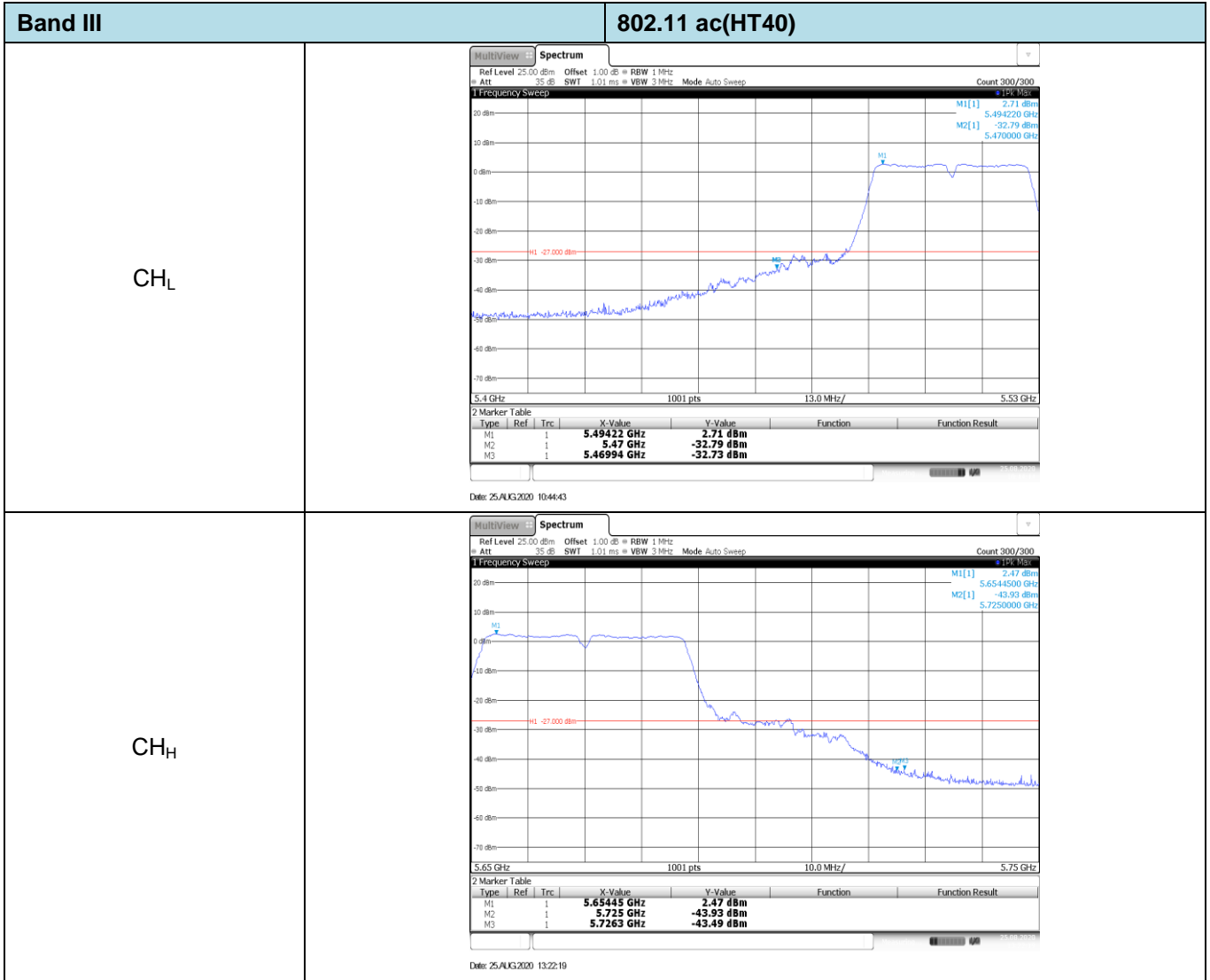


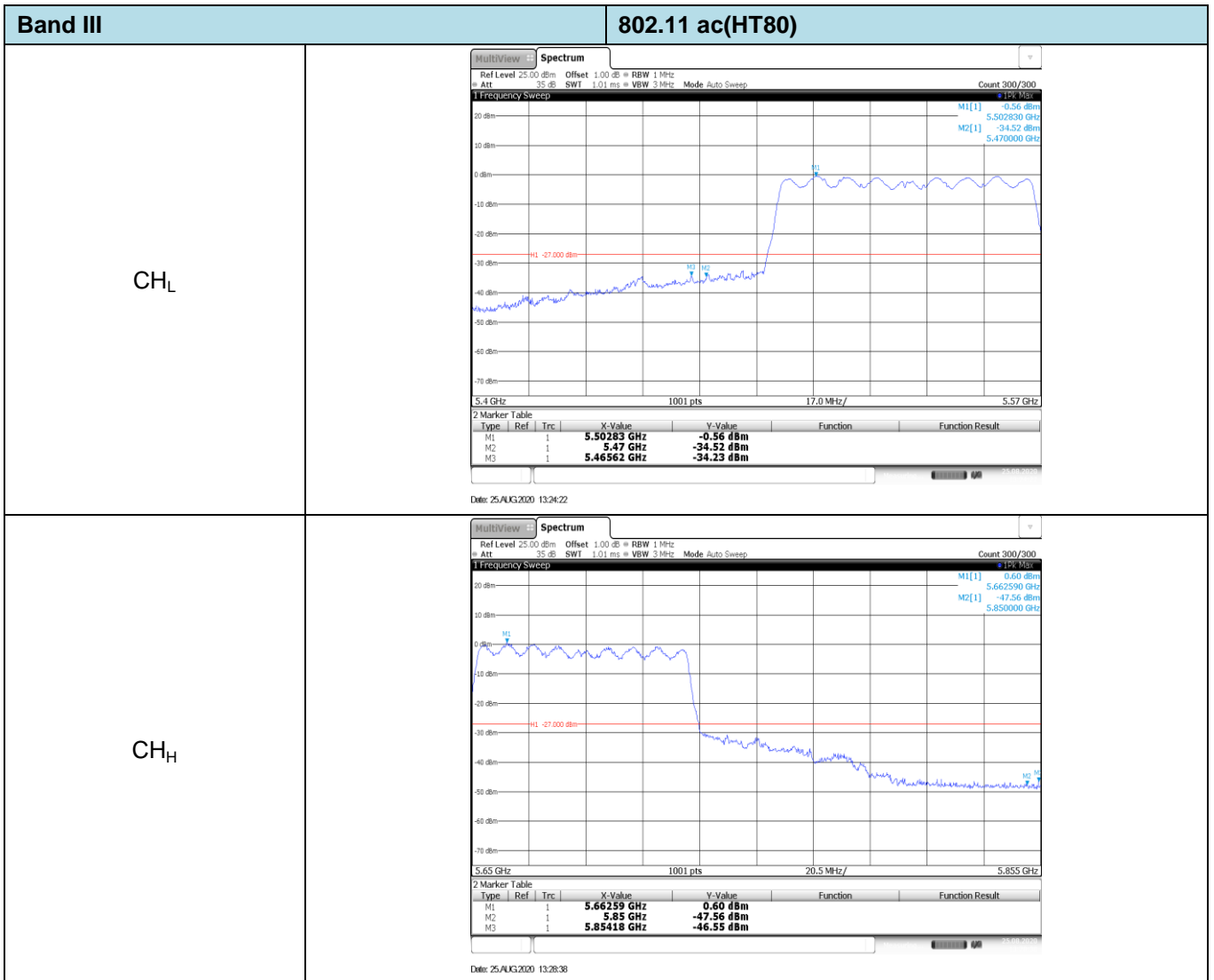
CH_H

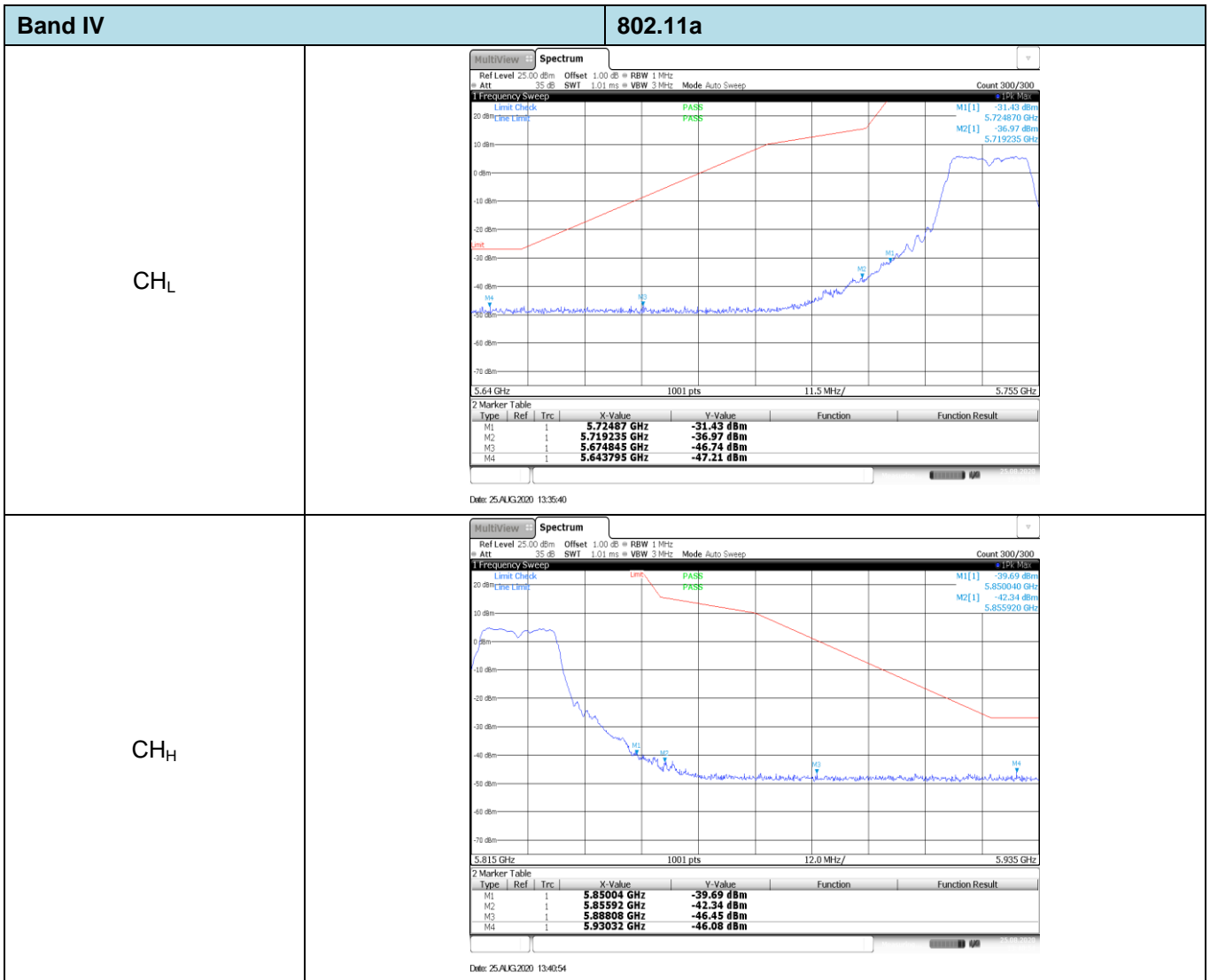


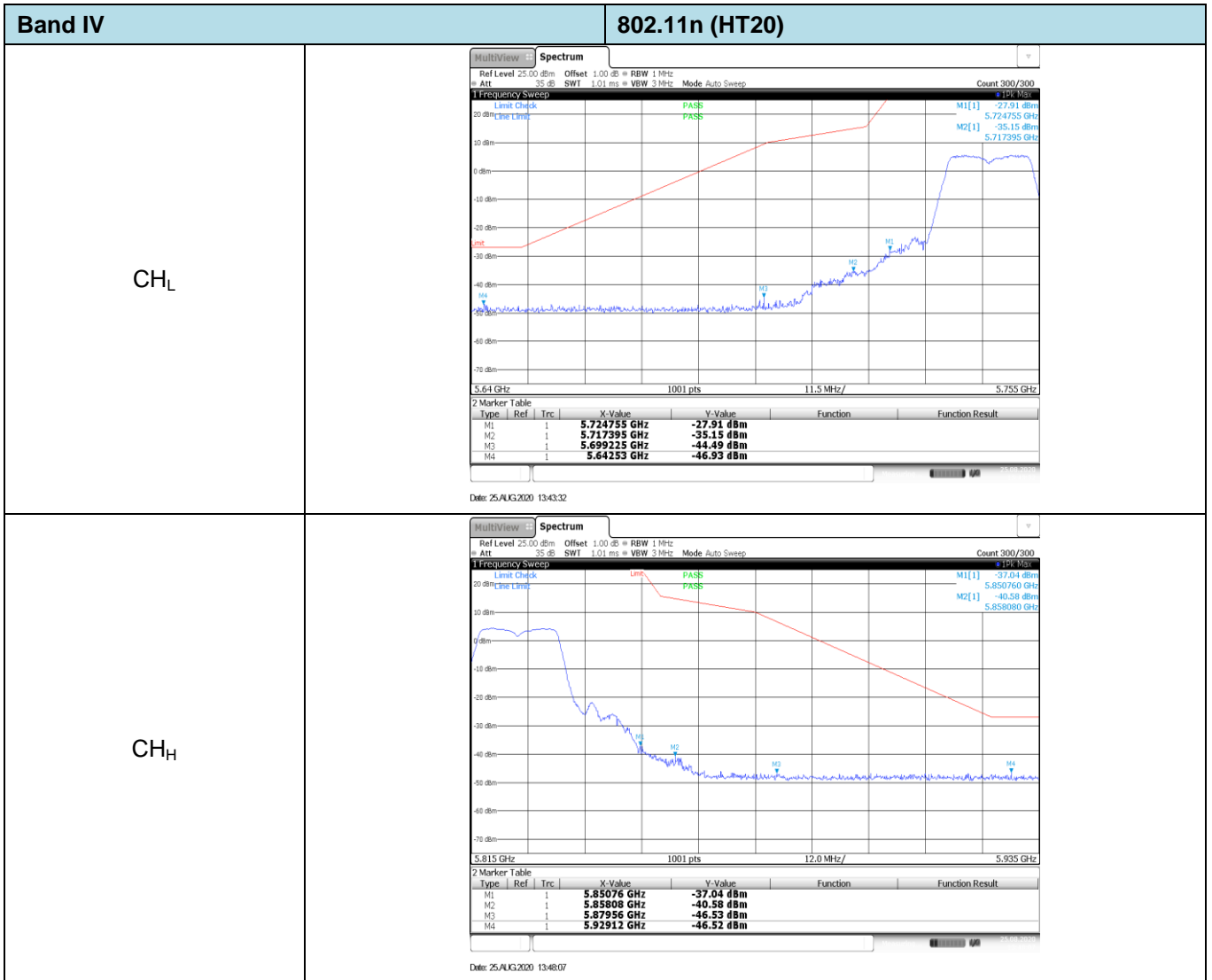












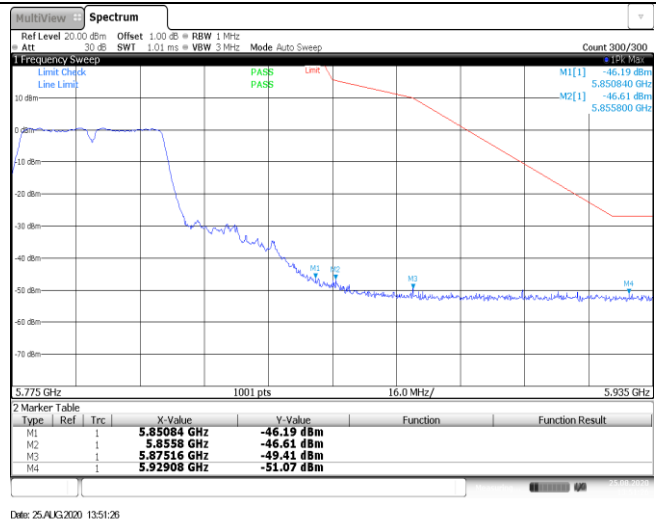
Band IV

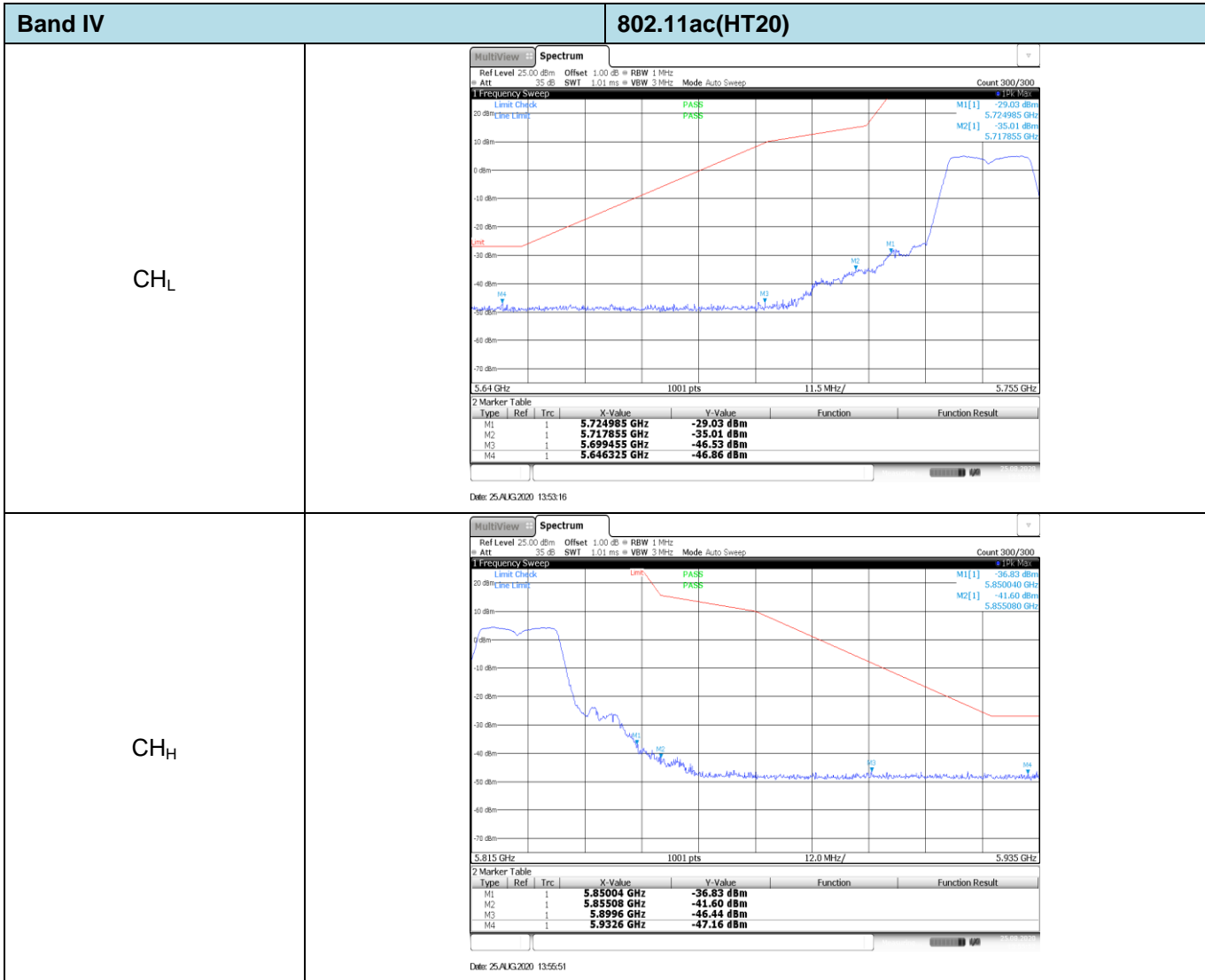
802.11 n(HT40)

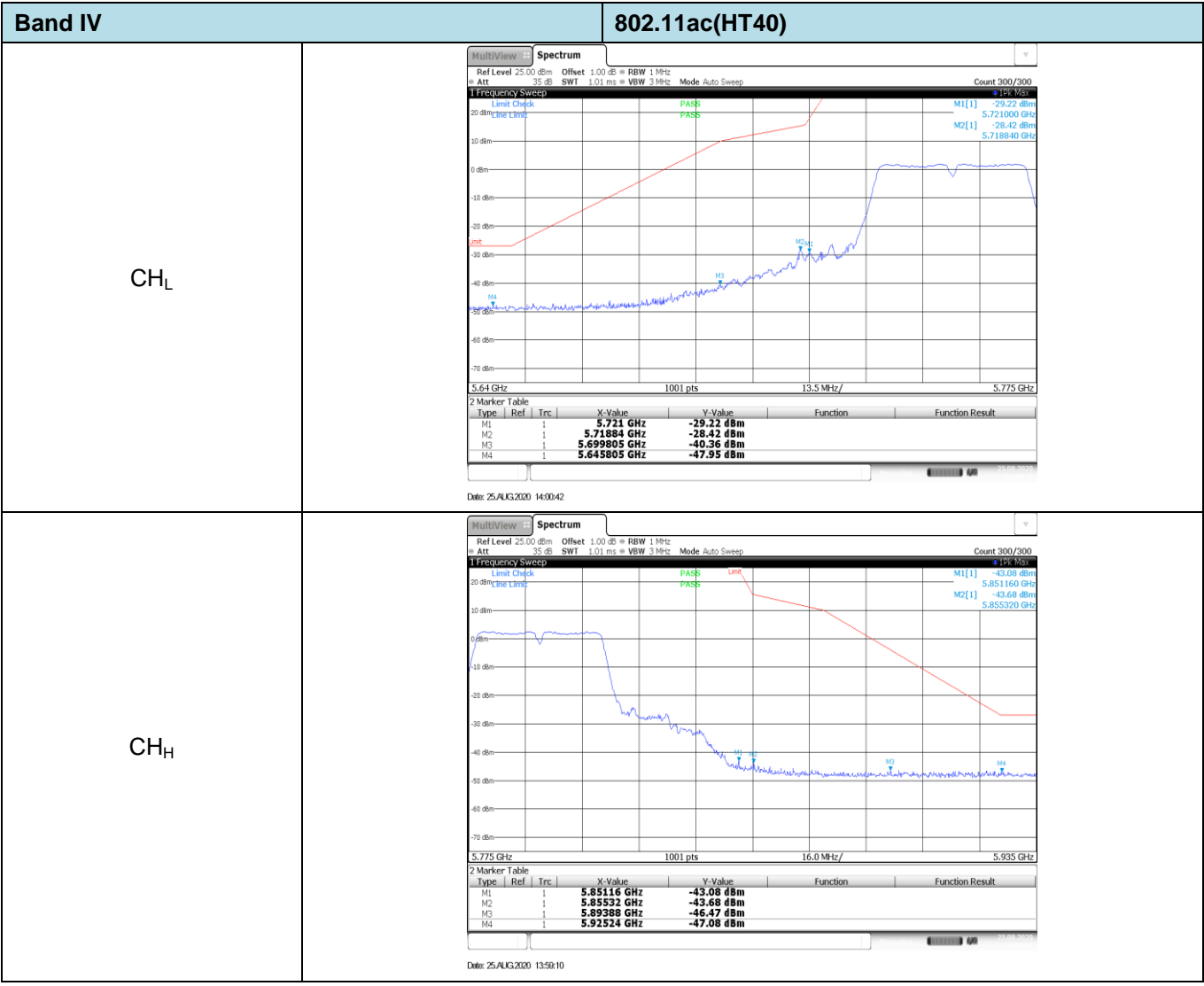
CH_L

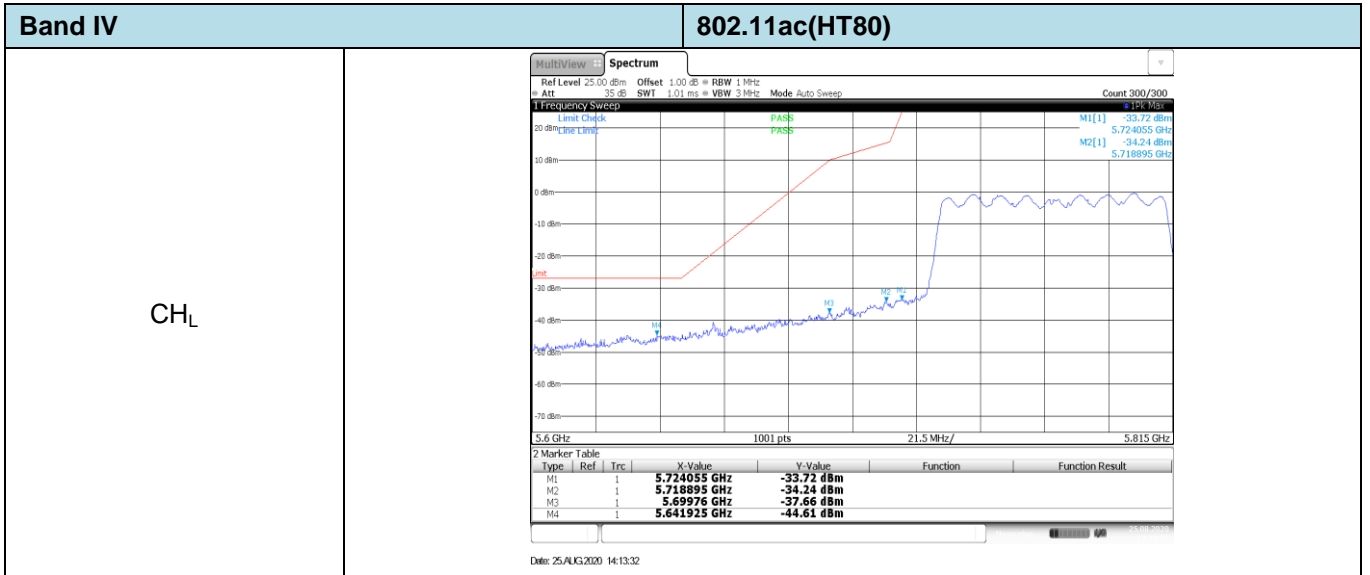


CH_H









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	-23000.00	-4.44015	PASS
T _N	V _N	-21000.00	-4.05405	PASS
T _N	V _H	-23000.00	-4.44015	PASS

Band: II			Test Frequency: 5260.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-23000.00	-4.37262	PASS
T _N	V _N	-23000.00	-4.37262	PASS
T _N	V _H	-24000.00	-4.56274	PASS

Band: III			Test Frequency: 5500.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-21000.00	-3.81818	PASS
T _N	V _N	-20000.00	-3.63636	PASS
T _N	V _H	-21000.00	-3.81818	PASS

Band: IV			Test Frequency: 5745.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-24000.00	-4.17755	PASS
T _N	V _N	-23000.00	-4.00348	PASS
T _N	V _H	-24000.00	-4.17755	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	-24000.00	-4.63321	PASS
V _N	-10	-24000.00	-4.63321	PASS
V _N	0	-24000.00	-4.63321	PASS
V _N	10	-24000.00	-4.63321	PASS
V _N	20	-24000.00	-4.63321	PASS
V _N	30	-24000.00	-4.63321	PASS
V _N	40	-24000.00	-4.63321	PASS
V _N	50	-24000.00	-4.63321	PASS

Band: II			Test Frequency: 5260.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-24000.00	-4.56274	PASS
V _N	-10	-24000.00	-4.56274	PASS
V _N	0	-24000.00	-4.56274	PASS
V _N	10	-24000.00	-4.56274	PASS
V _N	20	-24000.00	-4.56274	PASS
V _N	30	-24000.00	-4.56274	PASS
V _N	40	-24000.00	-4.56274	PASS
V _N	50	-24000.00	-4.56274	PASS

Band: III			Test Frequency: 5500.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-22000.00	-4.00000	PASS
V _N	-10	-22000.00	-4.00000	PASS
V _N	0	-22000.00	-4.00000	PASS
V _N	10	-22000.00	-4.00000	PASS
V _N	20	-22000.00	-4.00000	PASS
V _N	30	-22000.00	-4.00000	PASS
V _N	40	-22000.00	-4.00000	PASS
V _N	50	-22000.00	-4.00000	PASS

Band: IV			Test Frequency: 5745.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-24000.00	-4.17755	PASS
V _N	-10	-24000.00	-4.17755	PASS
V _N	0	-24000.00	-4.17755	PASS
V _N	10	-24000.00	-4.17755	PASS
V _N	20	-24000.00	-4.17755	PASS
V _N	30	-24000.00	-4.17755	PASS
V _N	40	-24000.00	-4.17755	PASS
V _N	50	-24000.00	-4.17755	PASS

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