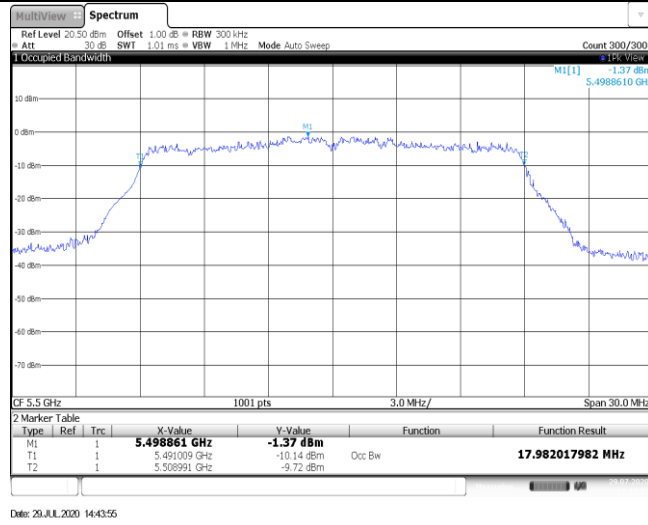
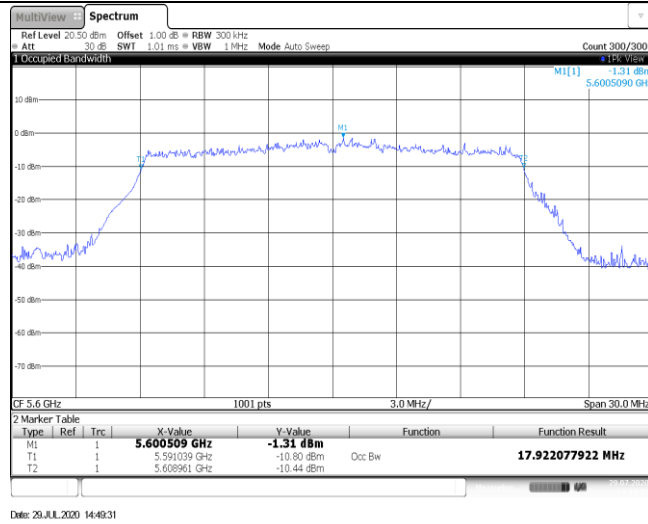


Band III **802.11ac (HT20)**

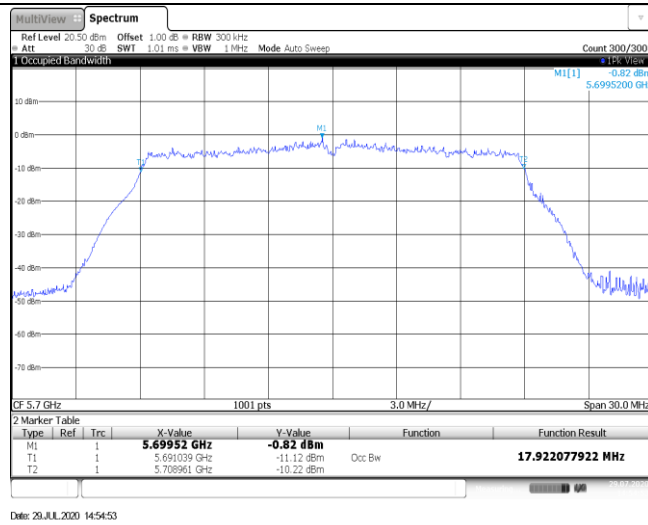
CH_L



CH_M

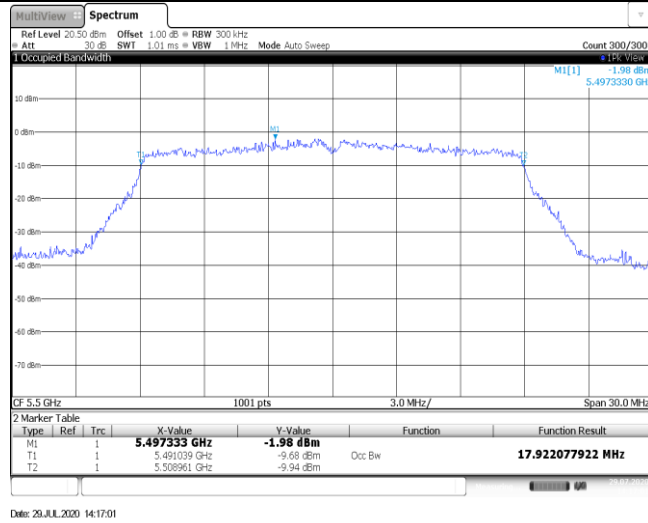


CH_H

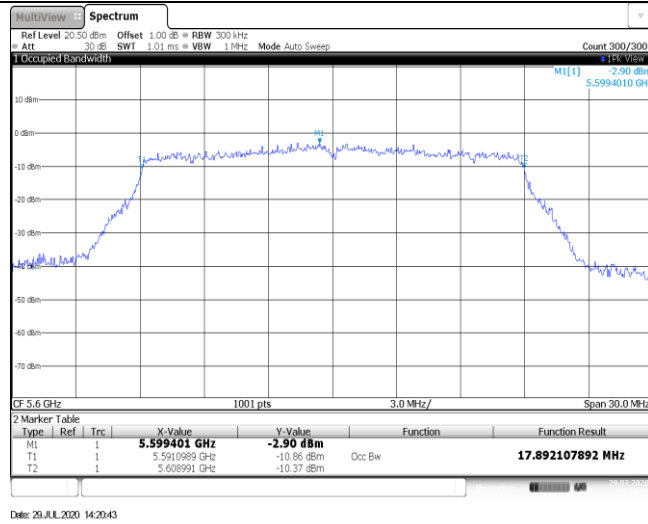


Band III **802.11n (HT20)**

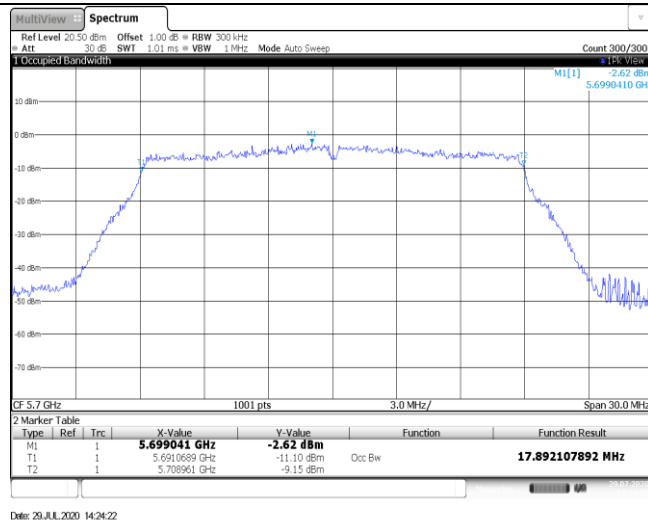
CH_L



CH_M

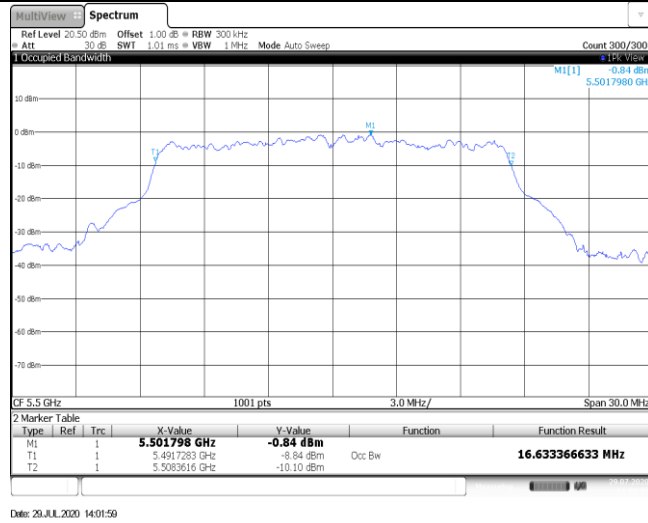


CH_H

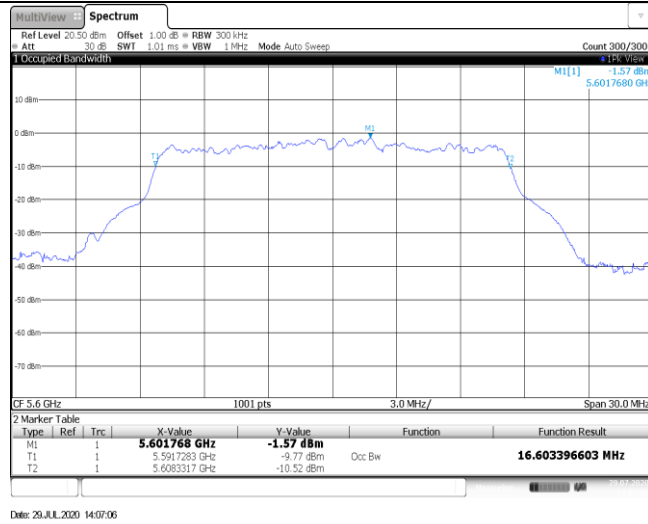


Band III **802.11a**

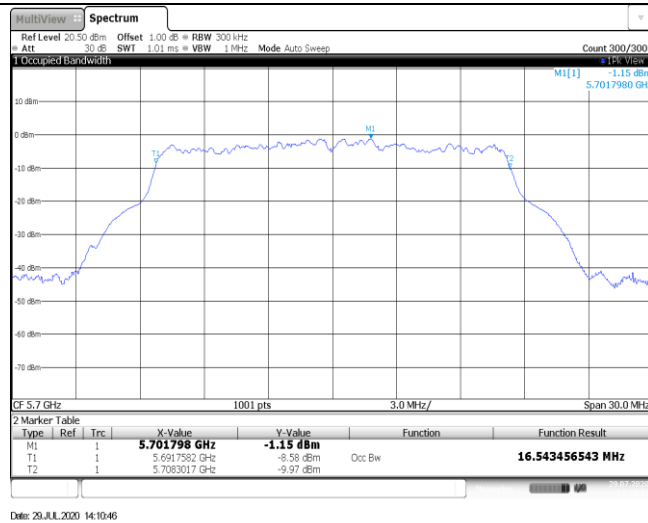
CH_L



CH_M

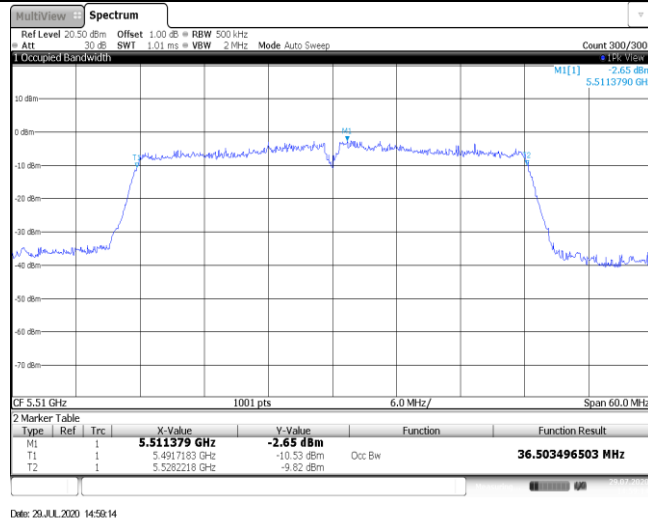


CH_H

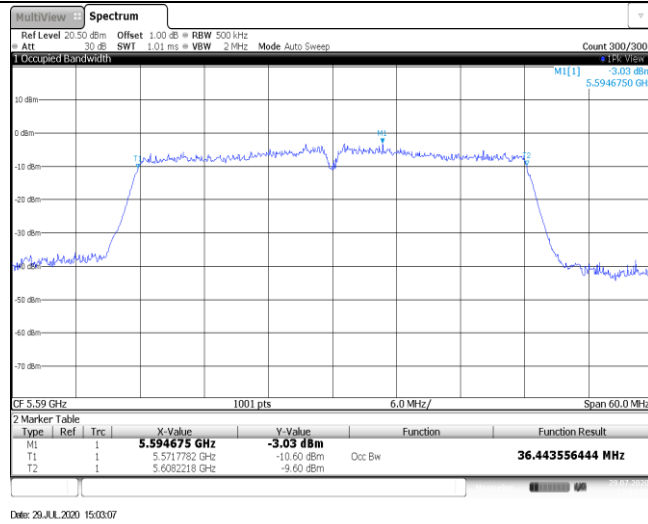


Band III **802.11ac (HT40)**

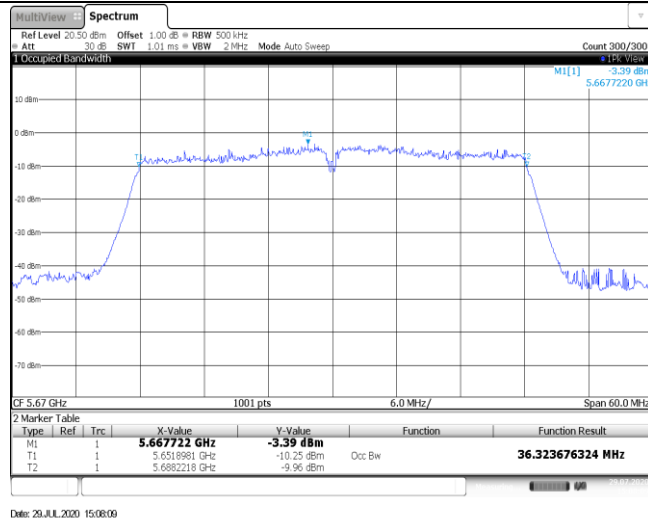
CH_L



CH_M

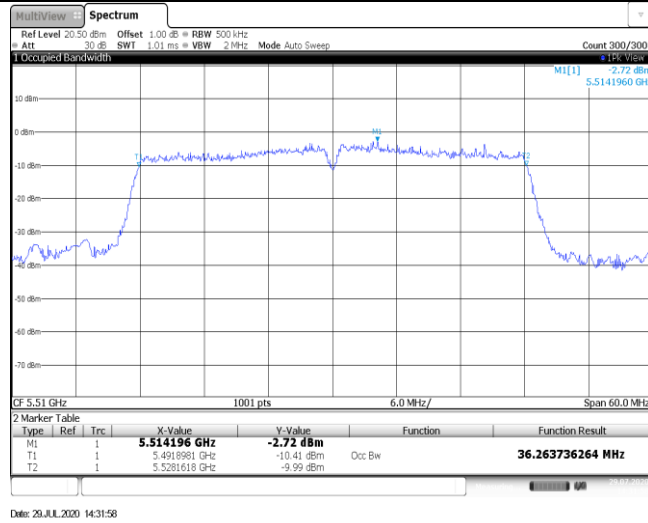


CH_H

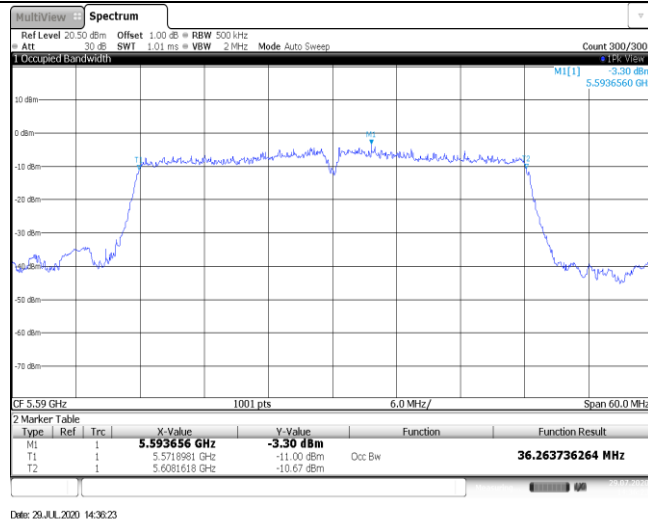


Band III **802.11n (HT40)**

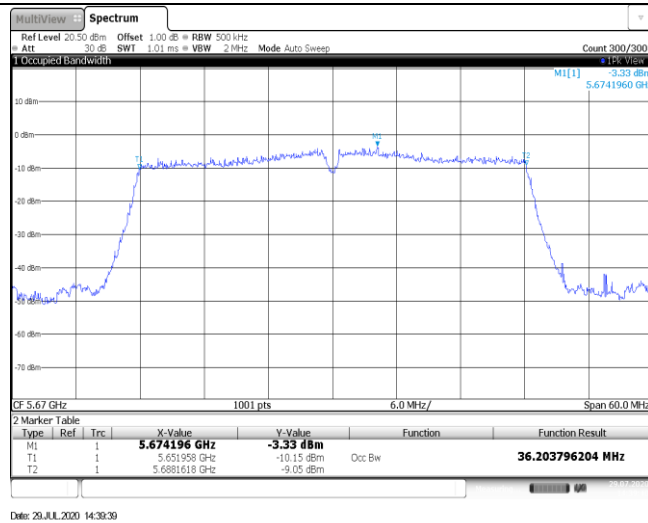
CH_L



CH_M

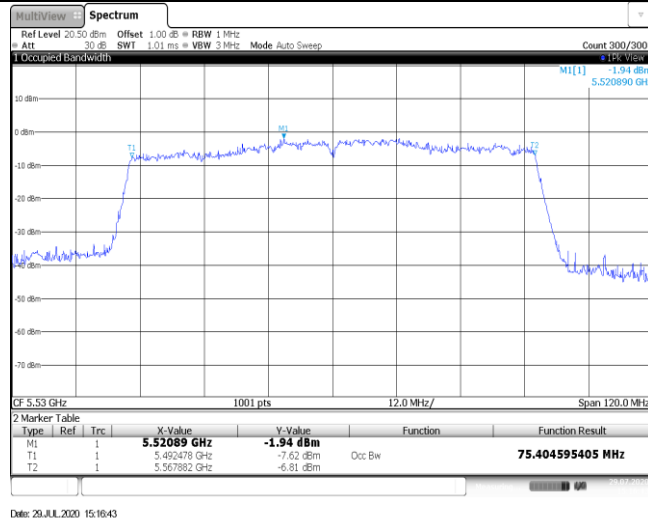


CH_H

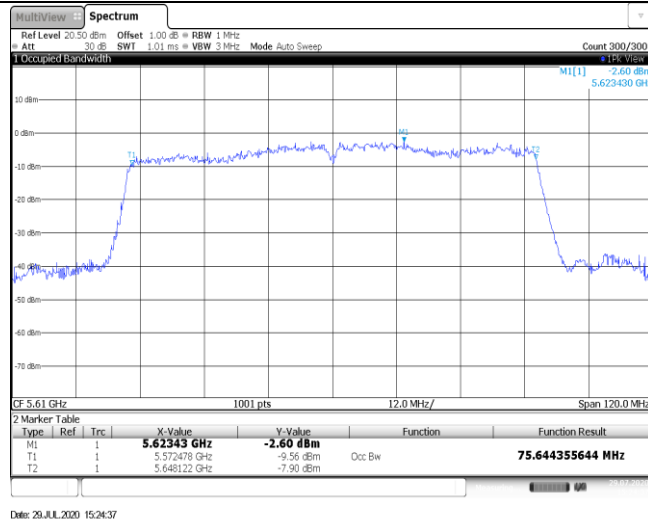


Band III **802.11ac (HT80)**

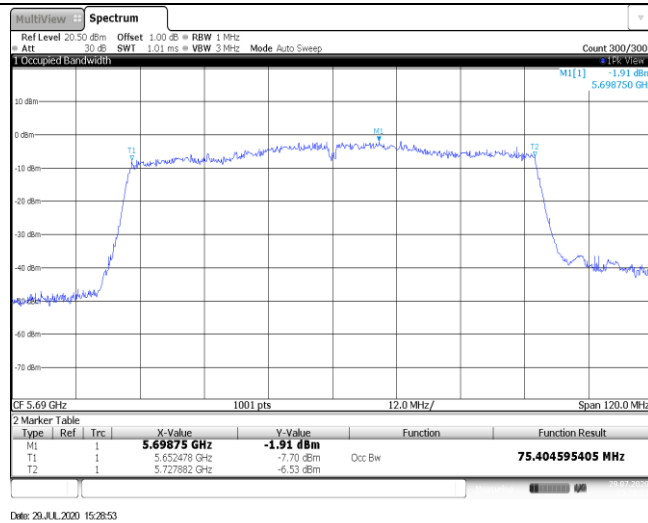
CH_L



CH_M

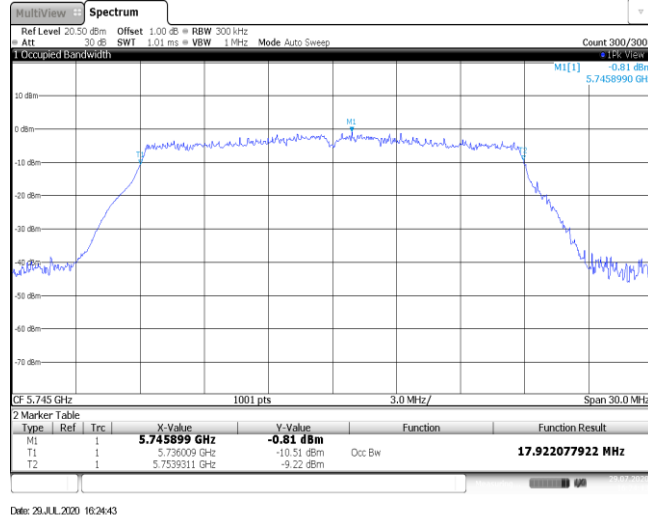


CH_H

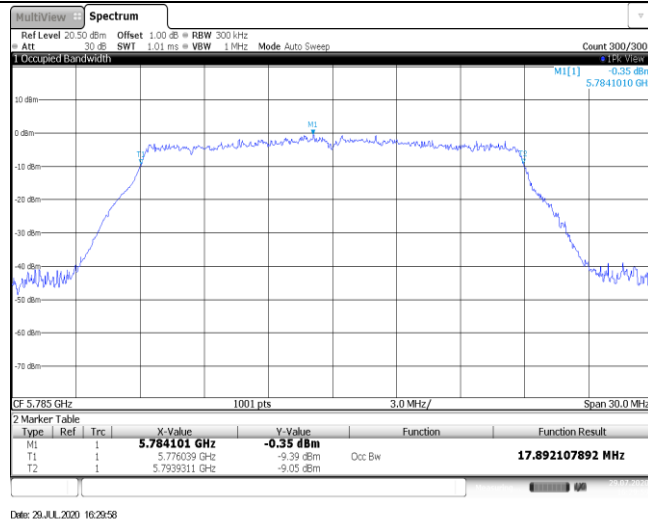


Band IV **802.11ac (HT20)**

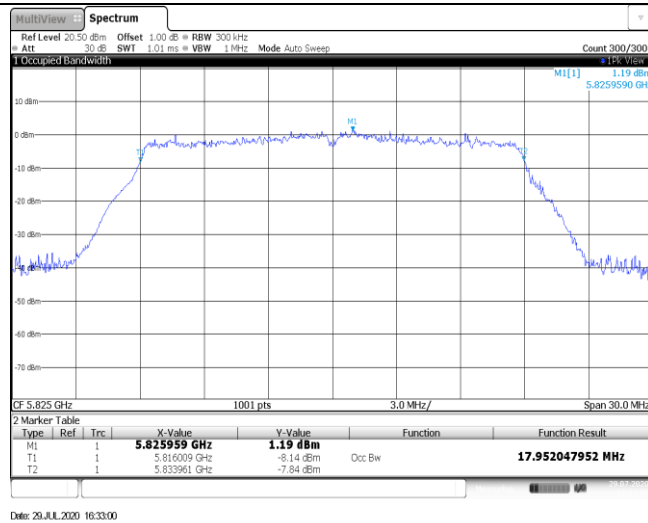
CH_L



CH_M



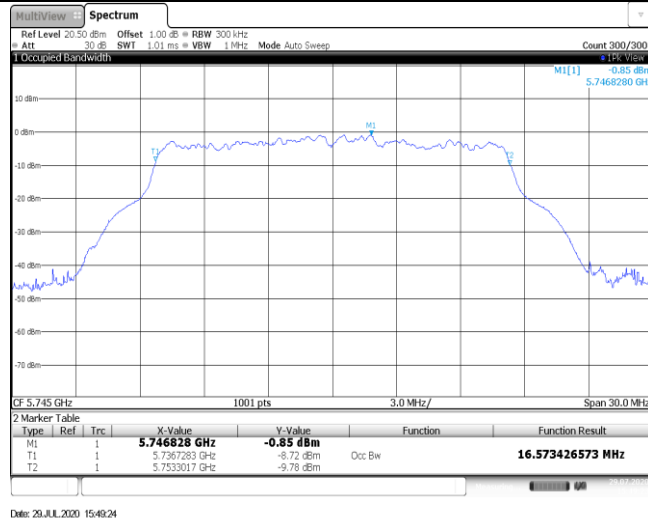
CH_H



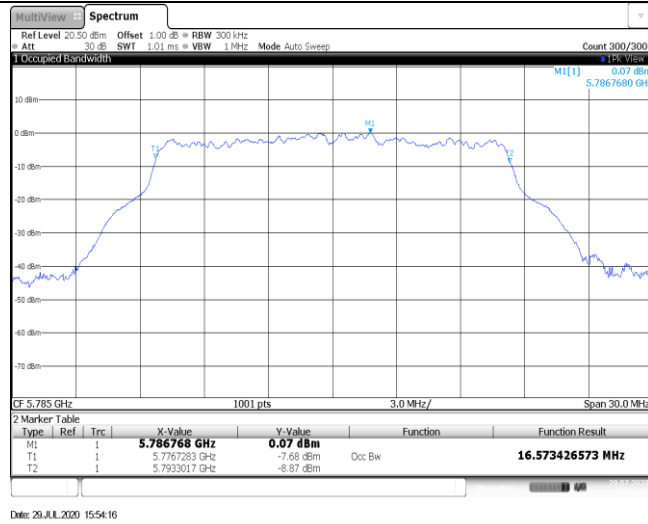
Band IV	802.11n (HT20)																												
CH _L	<p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300</p> <p>Occupied Bandwidth</p> <p>M1 1 5.745990 GHz -2.25 dBm</p> <p>CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 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>5.74599 GHz</td> <td>-2.25 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.736689 GHz</td> <td>-9.37 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.753961 GHz</td> <td>-10.68 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 29.JUL.2020 16:02:13</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.74599 GHz	-2.25 dBm			T1	1		5.736689 GHz	-9.37 dBm	Occ Bw	17.892107892 MHz	T2	1		5.753961 GHz	-10.68 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		5.74599 GHz	-2.25 dBm																									
T1	1		5.736689 GHz	-9.37 dBm	Occ Bw	17.892107892 MHz																							
T2	1		5.753961 GHz	-10.68 dBm																									
CH _M	<p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300</p> <p>Occupied Bandwidth</p> <p>M1 1 5.786289 GHz -0.99 dBm</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>5.786289 GHz</td> <td>-0.99 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.776039 GHz</td> <td>-10.39 dBm</td> <td>Occ Bw</td> <td>17.892107892 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.793931 GHz</td> <td>-8.14 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 29.JUL.2020 16:06:51</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.786289 GHz	-0.99 dBm			T1	1		5.776039 GHz	-10.39 dBm	Occ Bw	17.892107892 MHz	T2	1		5.793931 GHz	-8.14 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		5.786289 GHz	-0.99 dBm																									
T1	1		5.776039 GHz	-10.39 dBm	Occ Bw	17.892107892 MHz																							
T2	1		5.793931 GHz	-8.14 dBm																									
CH _H	<p>MultiView Spectrum</p> <p>Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300</p> <p>Occupied Bandwidth</p> <p>M1 1 5.826499 GHz 0.20 dBm</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>5.826499 GHz</td> <td>0.20 dBm</td> <td></td> <td></td> </tr> <tr> <td>T1</td> <td>1</td> <td></td> <td>5.816089 GHz</td> <td>-8.54 dBm</td> <td>Occ Bw</td> <td>17.922077922 MHz</td> </tr> <tr> <td>T2</td> <td>1</td> <td></td> <td>5.833991 GHz</td> <td>-8.84 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 29.JUL.2020 16:09:56</p>	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.826499 GHz	0.20 dBm			T1	1		5.816089 GHz	-8.54 dBm	Occ Bw	17.922077922 MHz	T2	1		5.833991 GHz	-8.84 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		5.826499 GHz	0.20 dBm																									
T1	1		5.816089 GHz	-8.54 dBm	Occ Bw	17.922077922 MHz																							
T2	1		5.833991 GHz	-8.84 dBm																									

Band IV **802.11a**

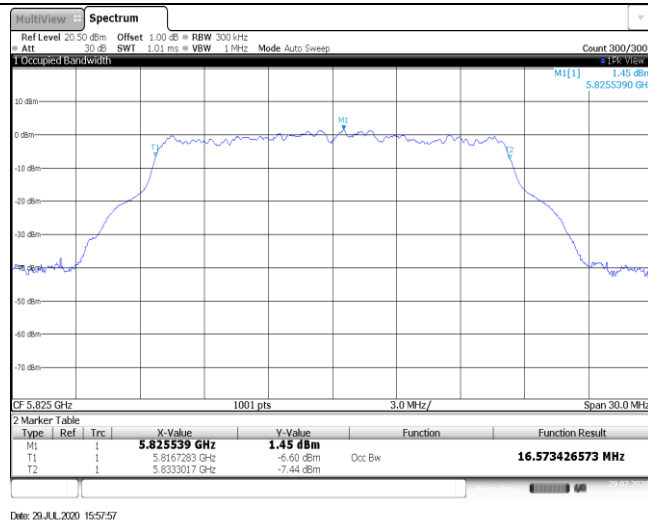
CH_L

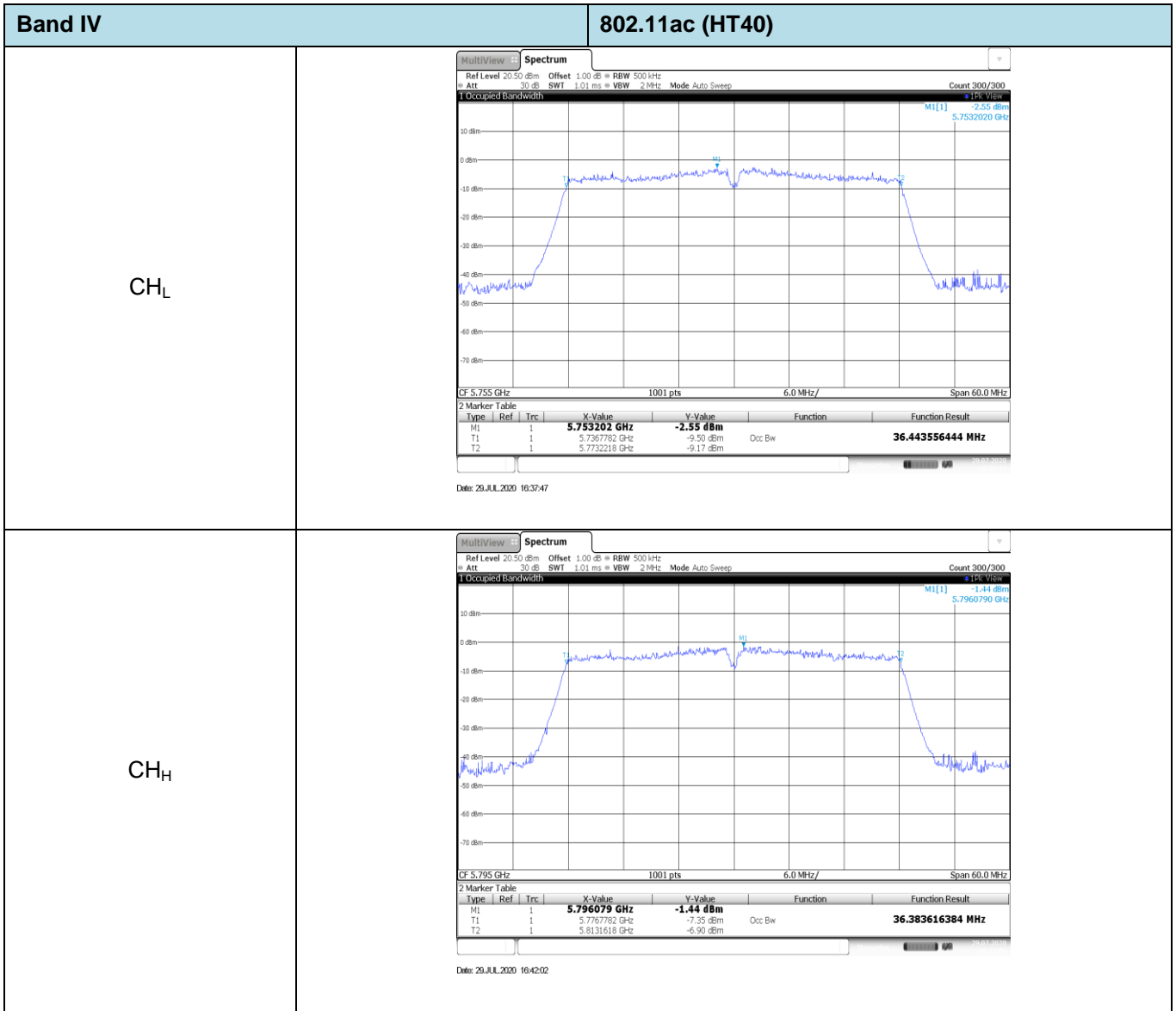


CH_M



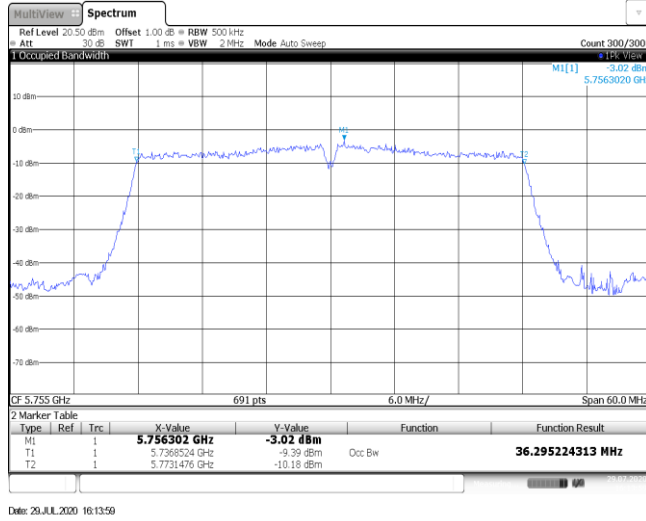
CH_H



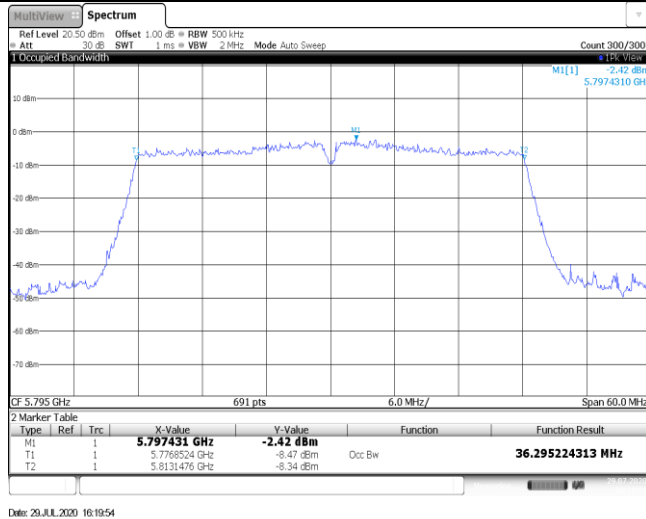


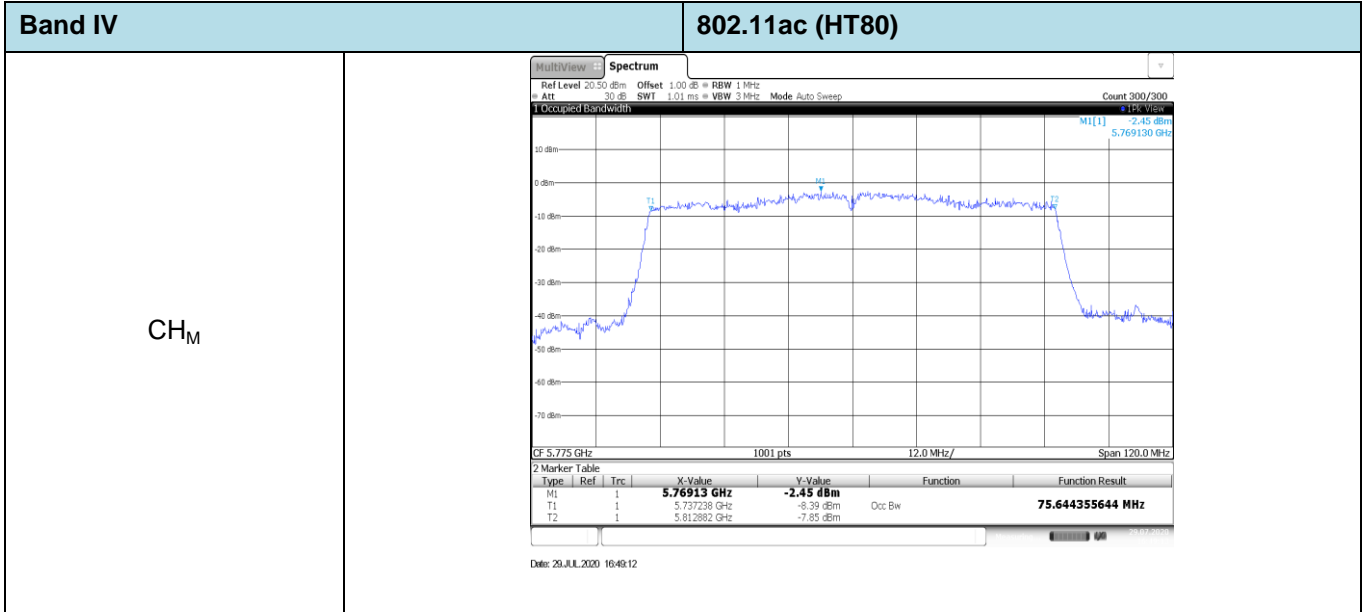
Band IV **802.11n (HT40)**

CH_L



CH_H



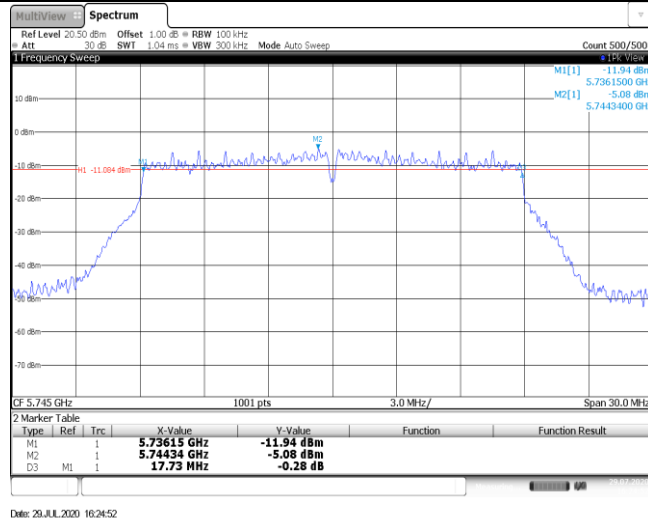


Appendix E: 6dB Bandwidth

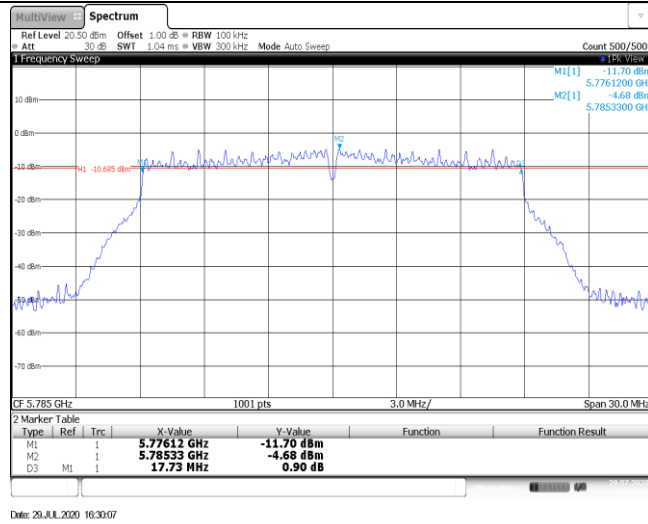
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.73	Pass
			CH _M	17.73	
			CH _H	17.70	
		802.11n	CH _L	17.76	Pass
			CH _M	17.73	
			CH _H	17.76	
	802.11a	CH _L	16.35	Pass	
		CH _M	16.05		
		CH _H	16.32		
	40	802.11ac	CH _L	36.60	Pass
			CH _H	36.60	
		802.11n	CH _L	36.52	Pass
CH _H			36.61		
80	802.11ac	CH _M	75.72	Pass	

Band IV **802.11ac (HT20)**

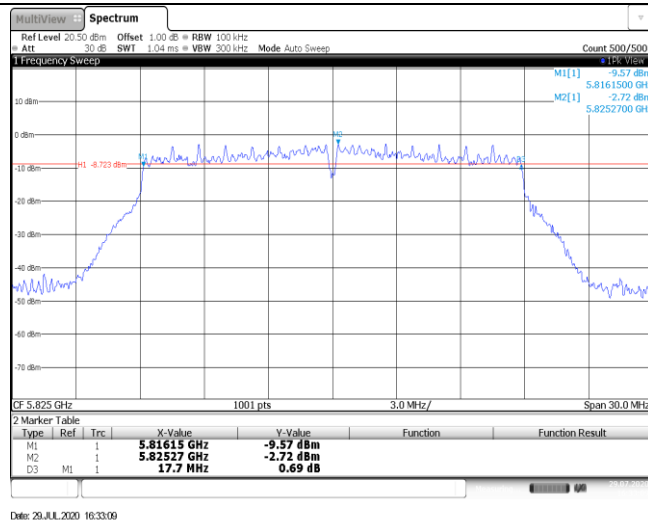
CH_L



CH_M

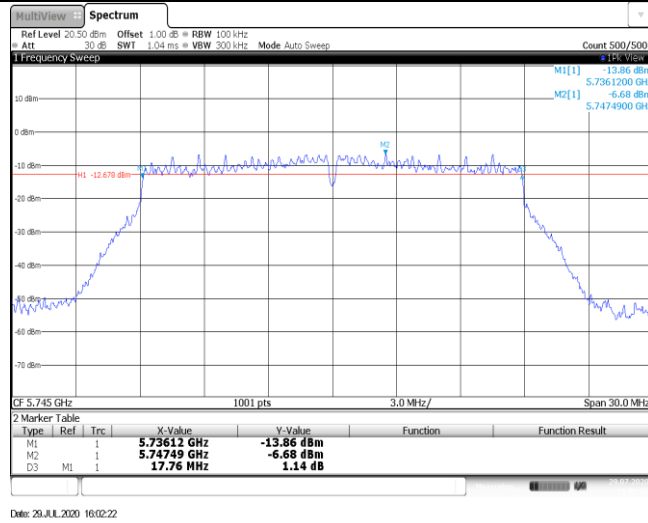


CH_H

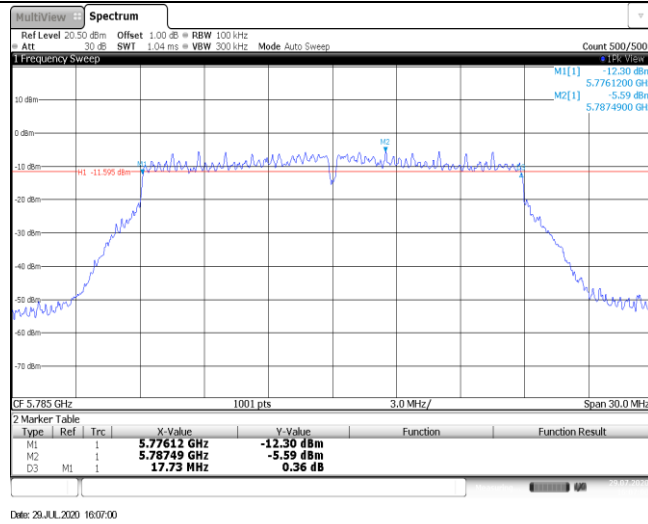


Band IV **802.11n (HT20)**

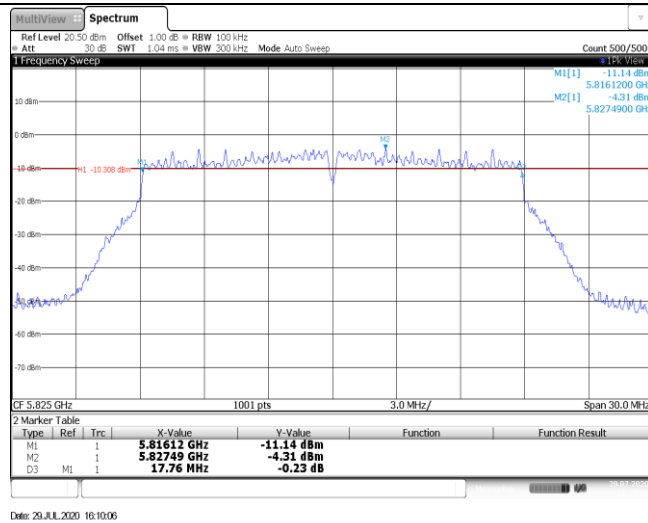
CH_L



CH_M

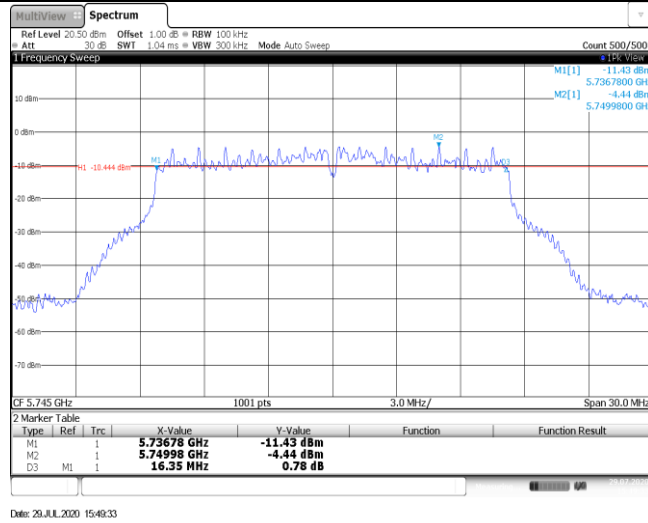


CH_H

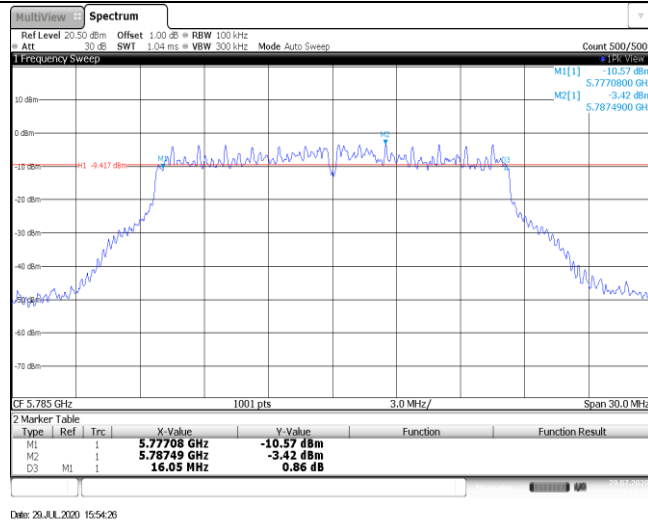


Band IV **802.11a**

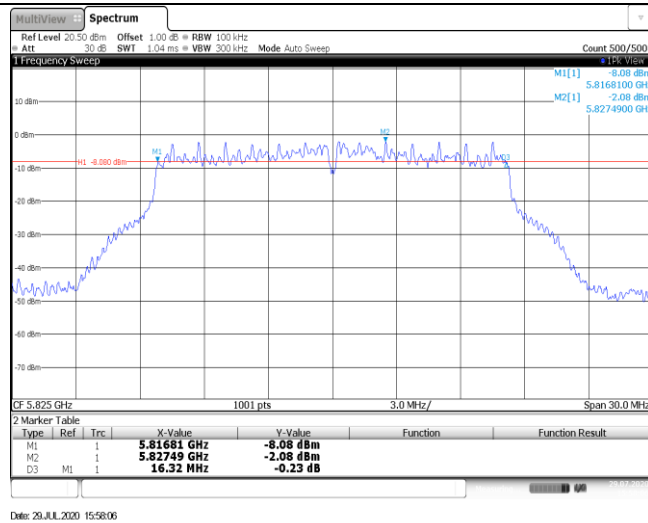
CH_L



CH_M



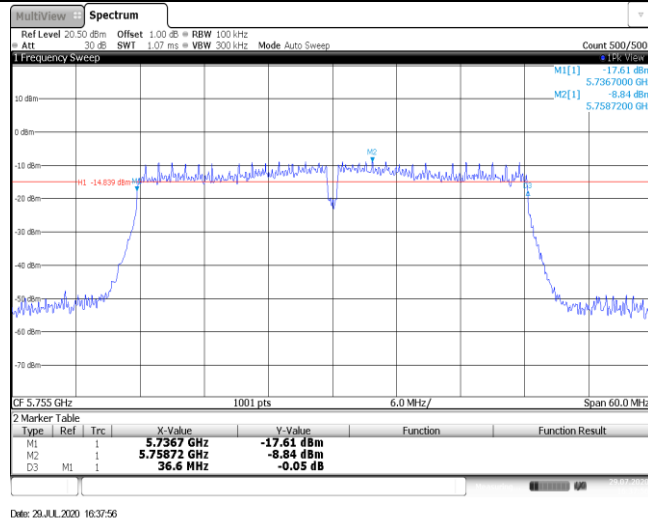
CH_H



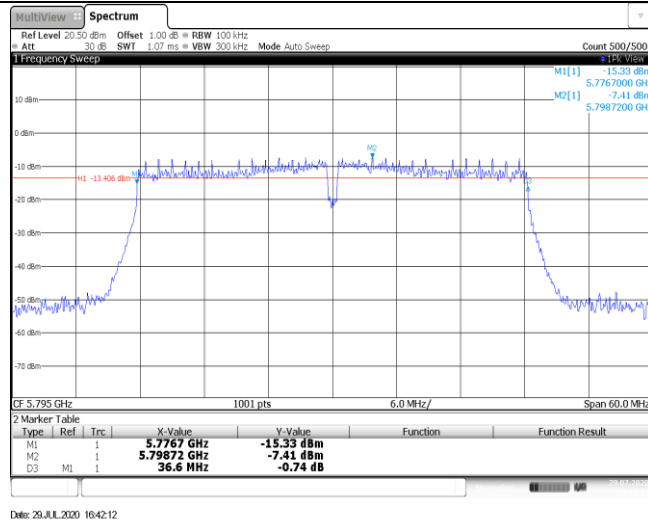
Band IV

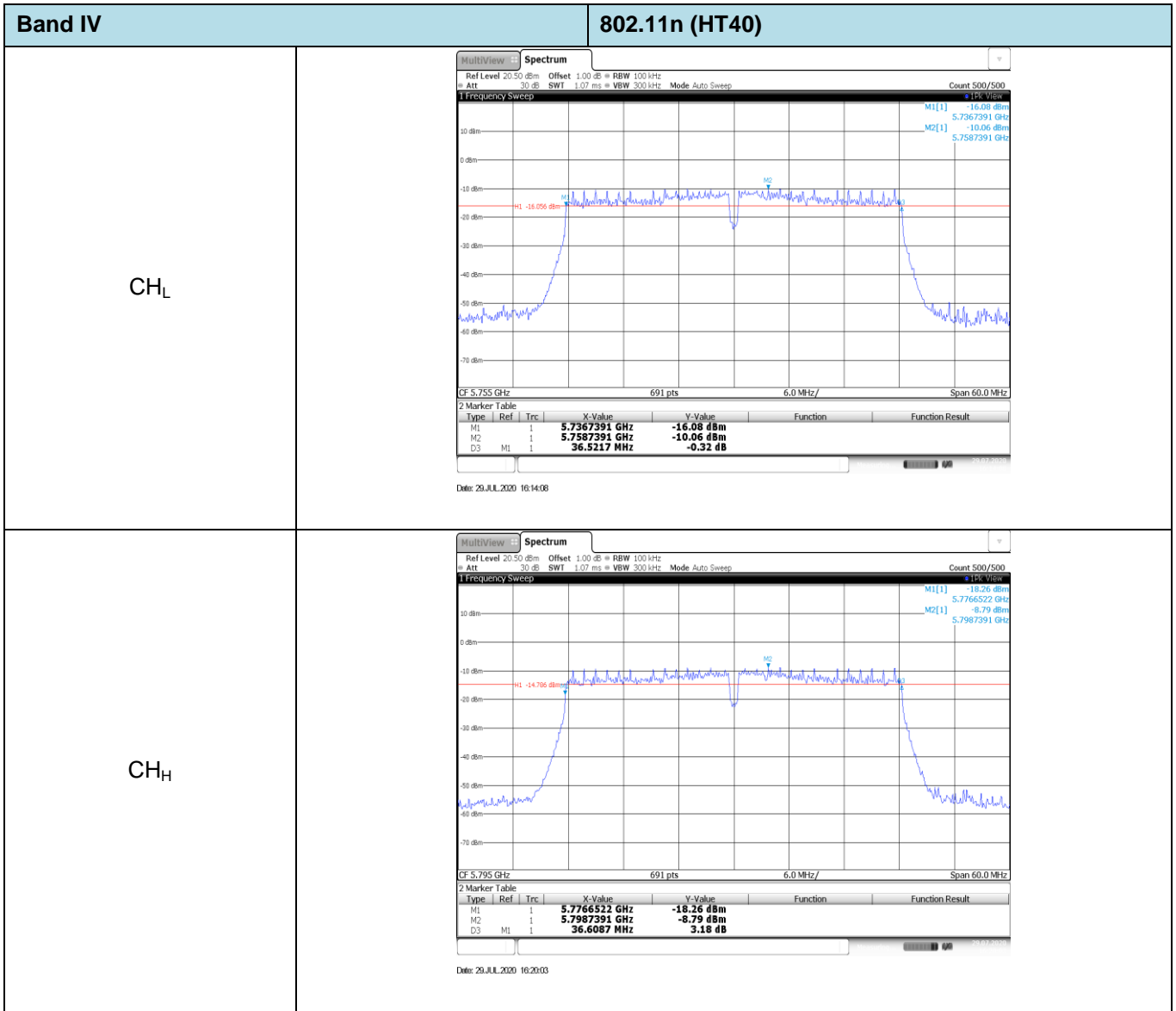
802.11ac (HT40)

CH_L



CH_H

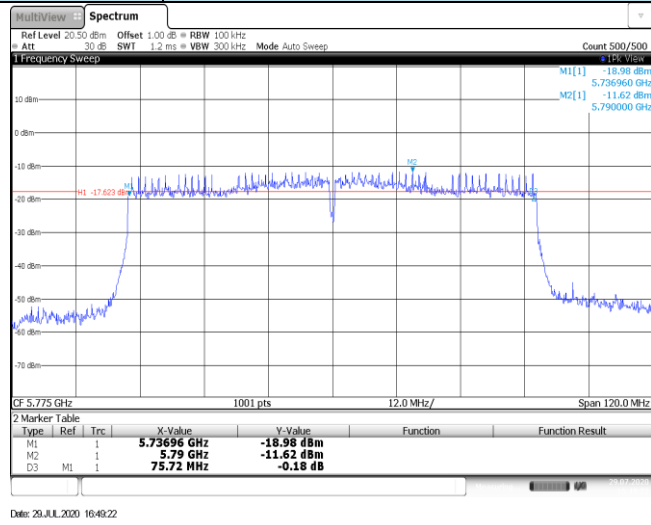




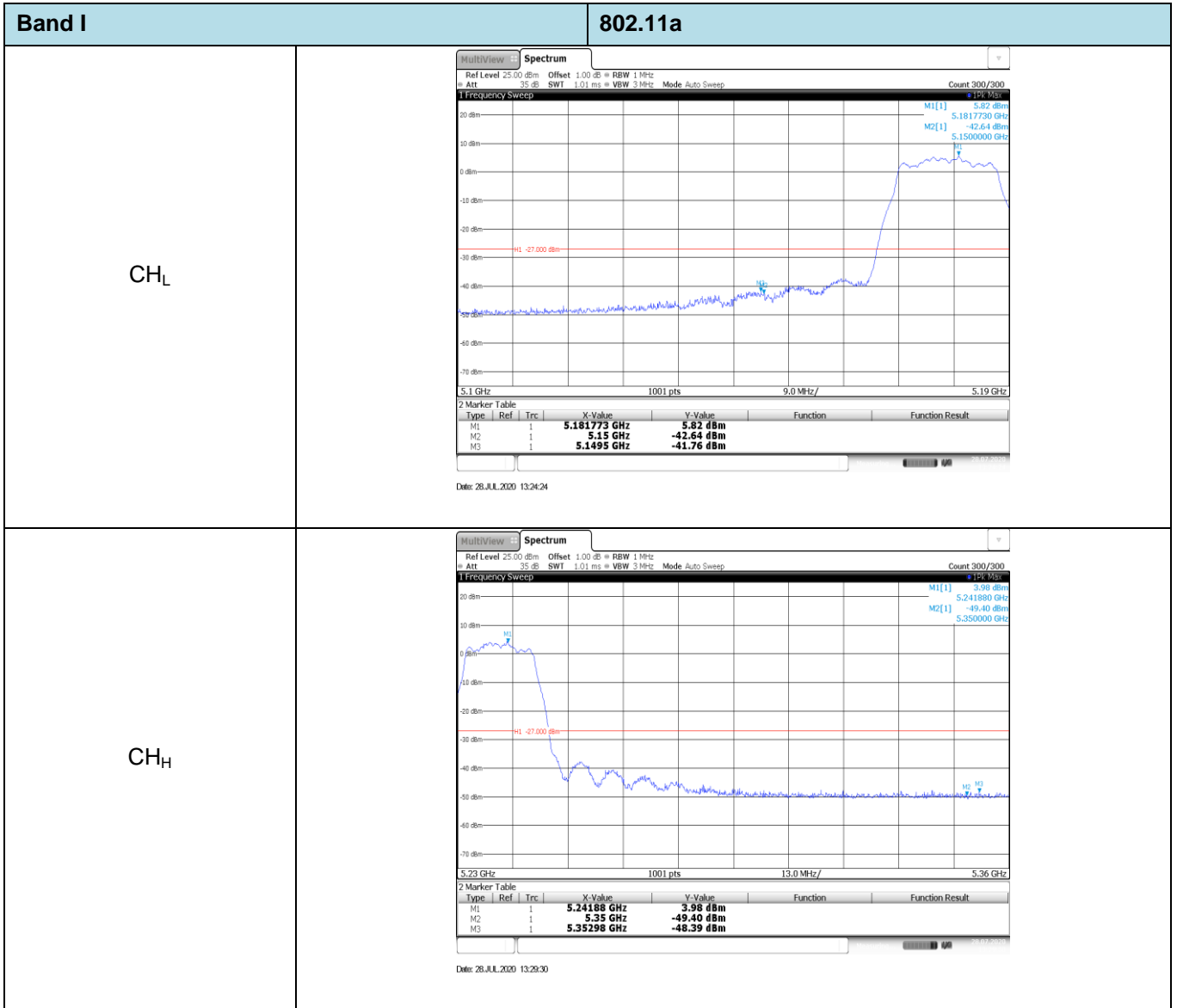
Band IV

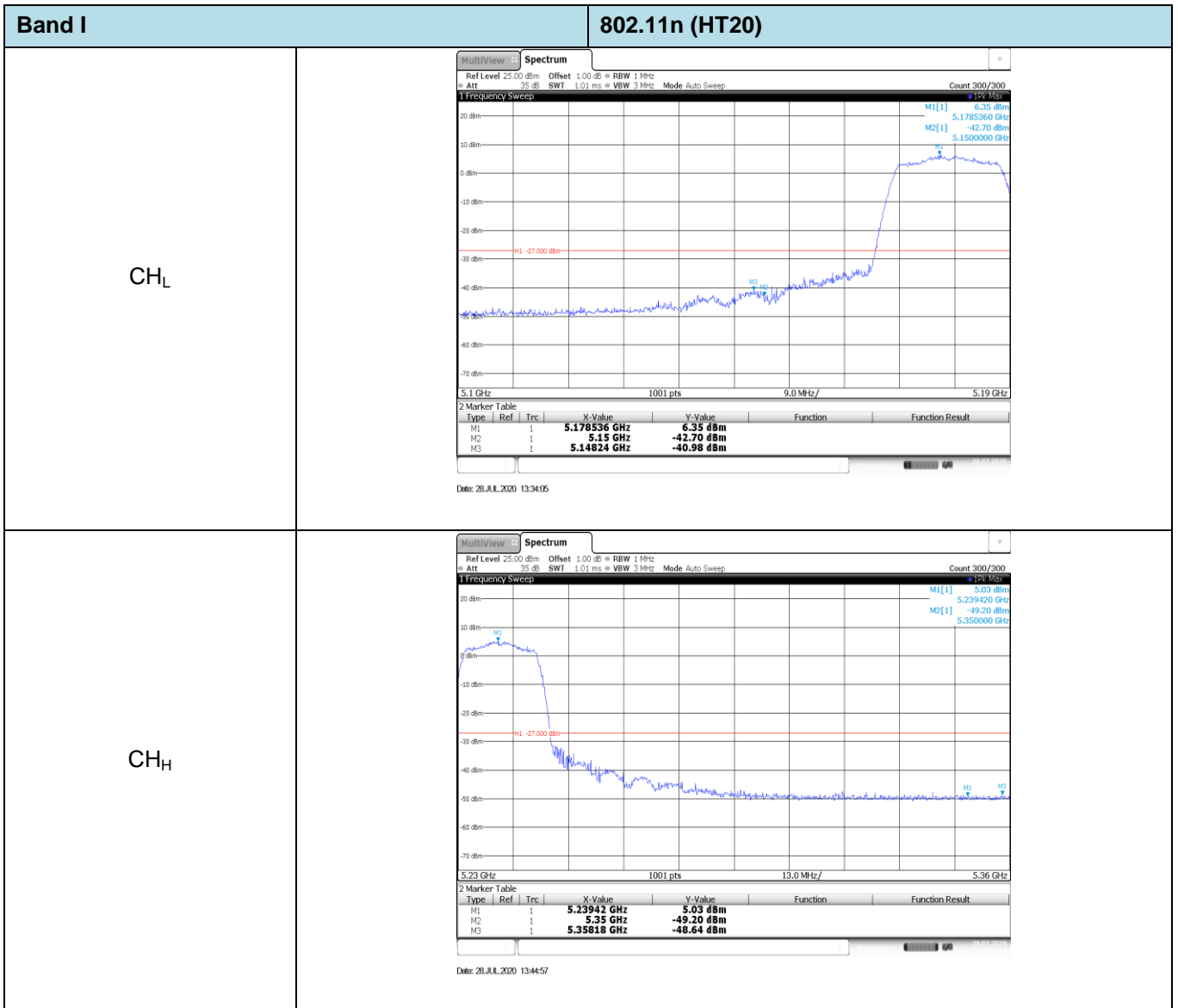
802.11ac (HT80)

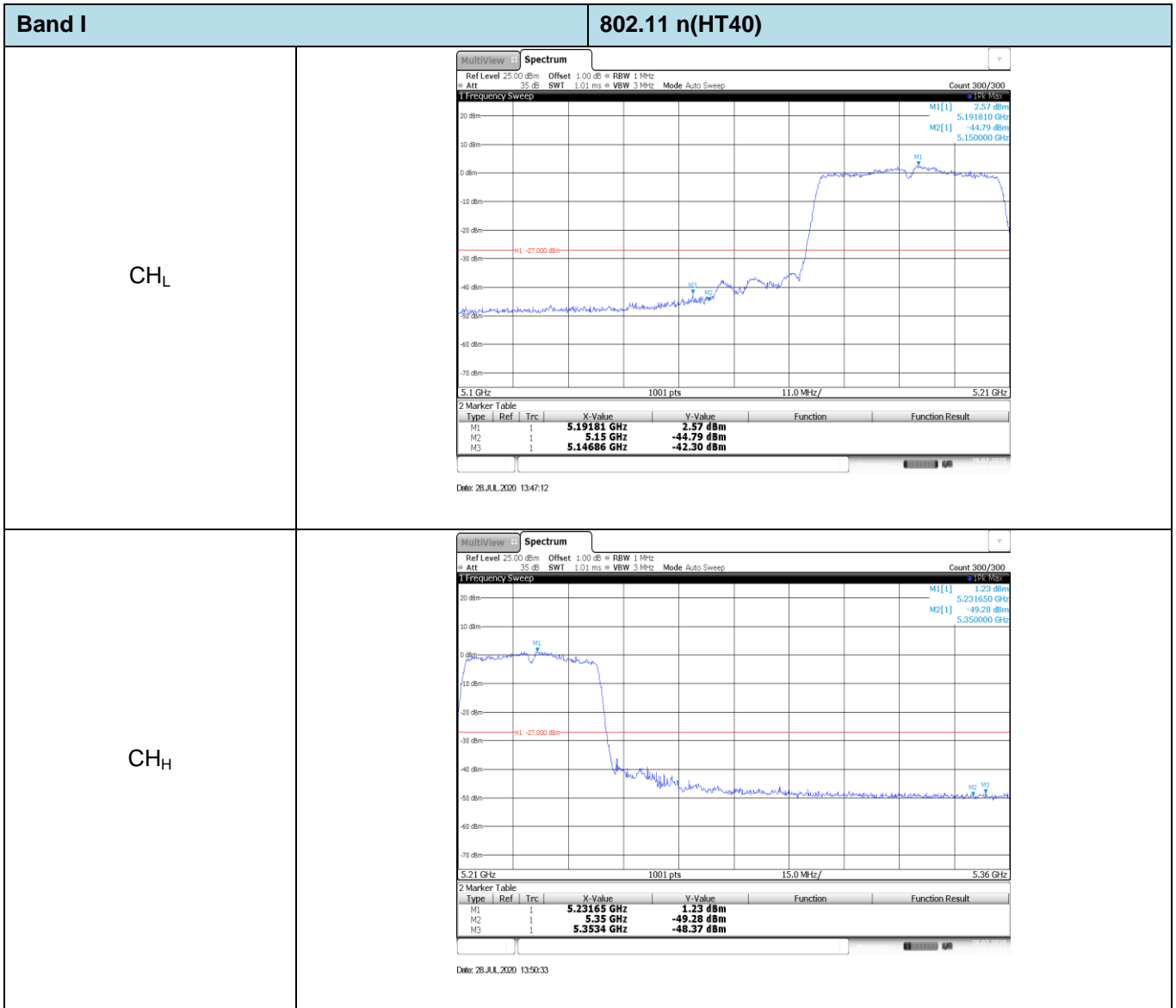
CH_M

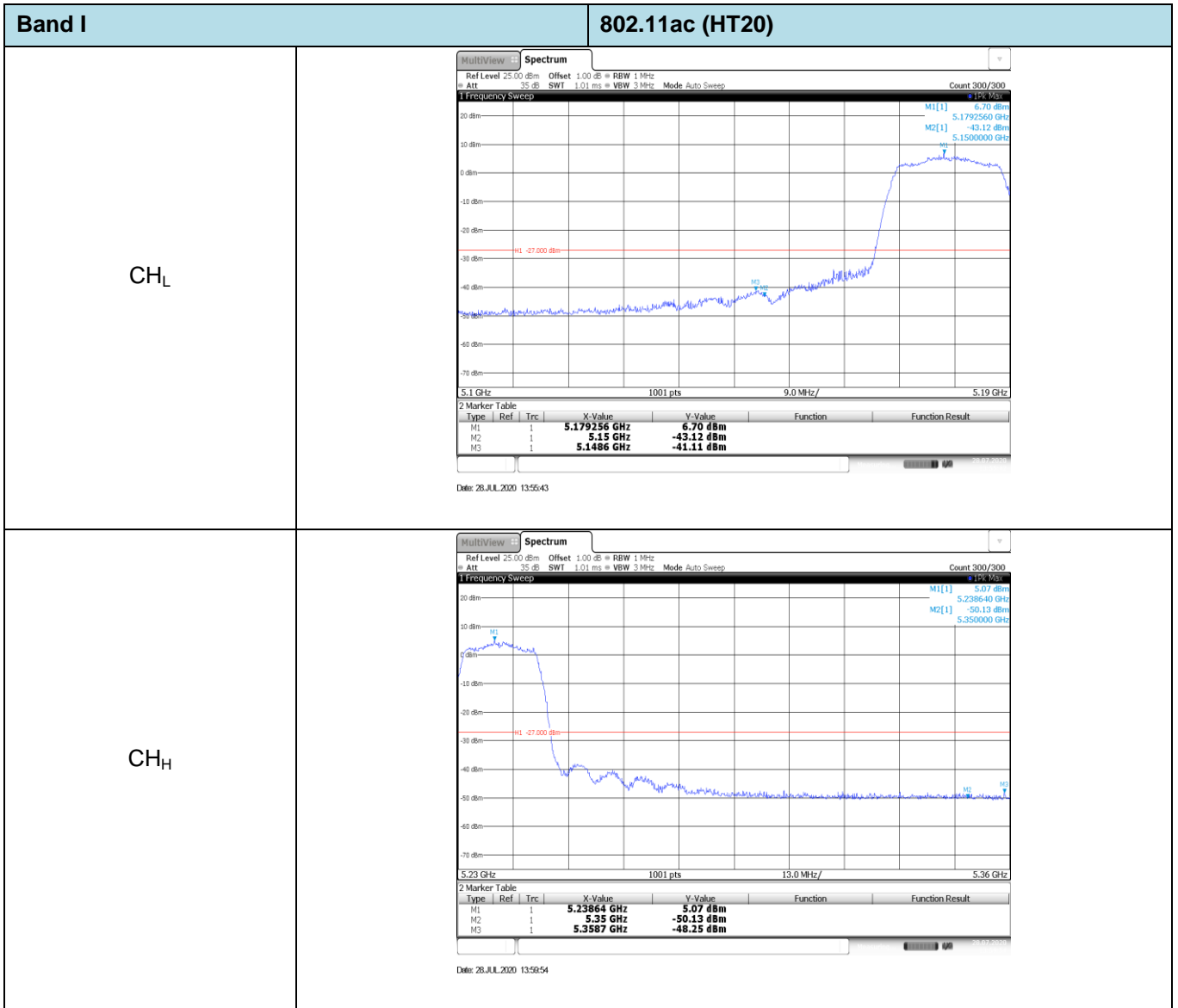


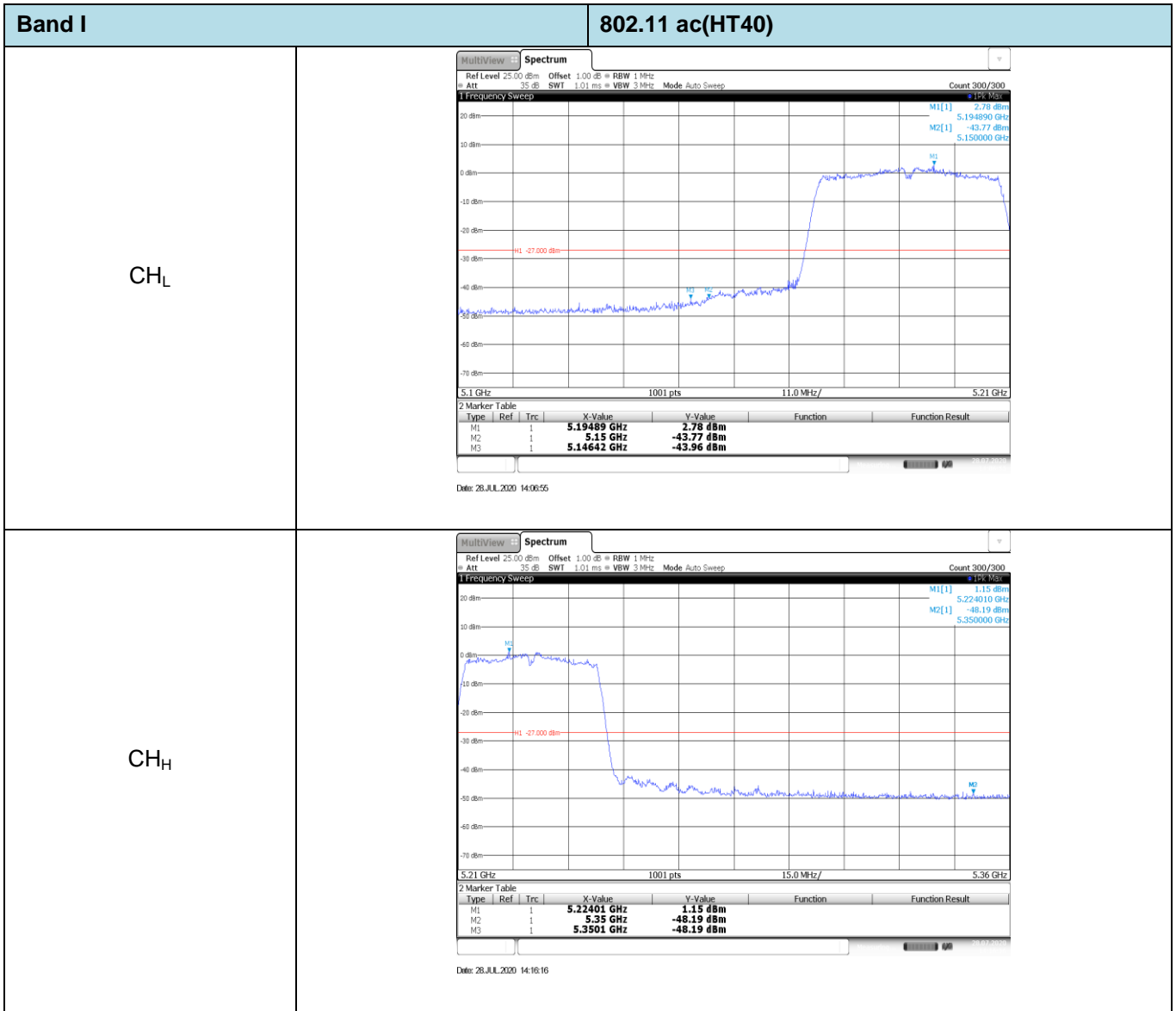
Appendix F: Band edge







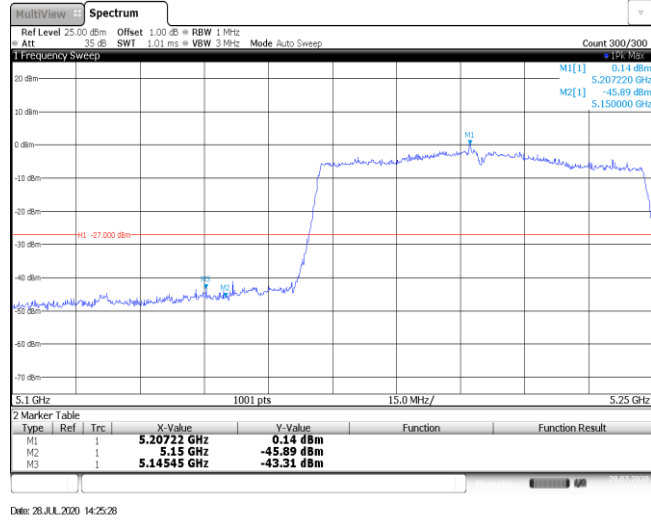


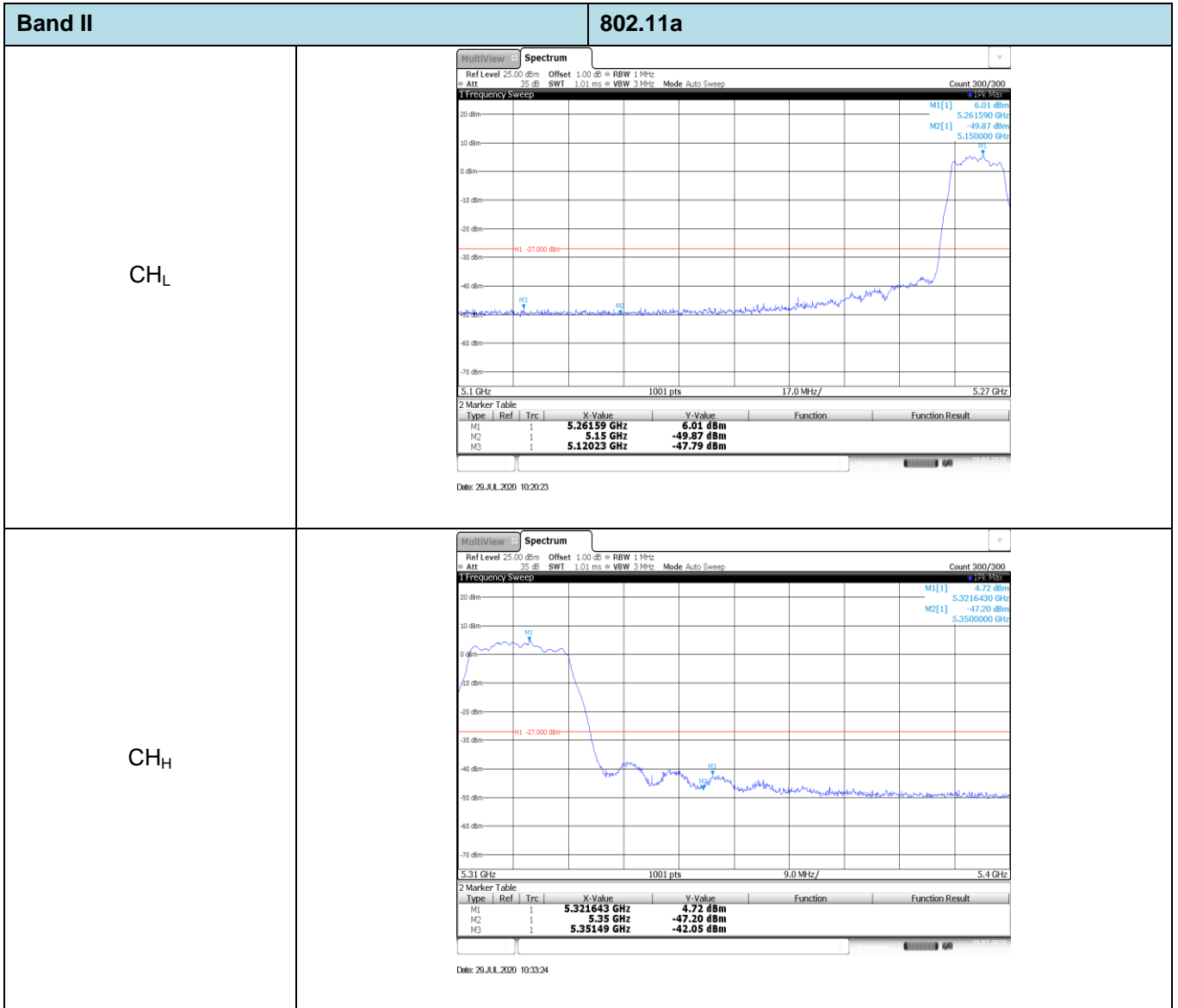


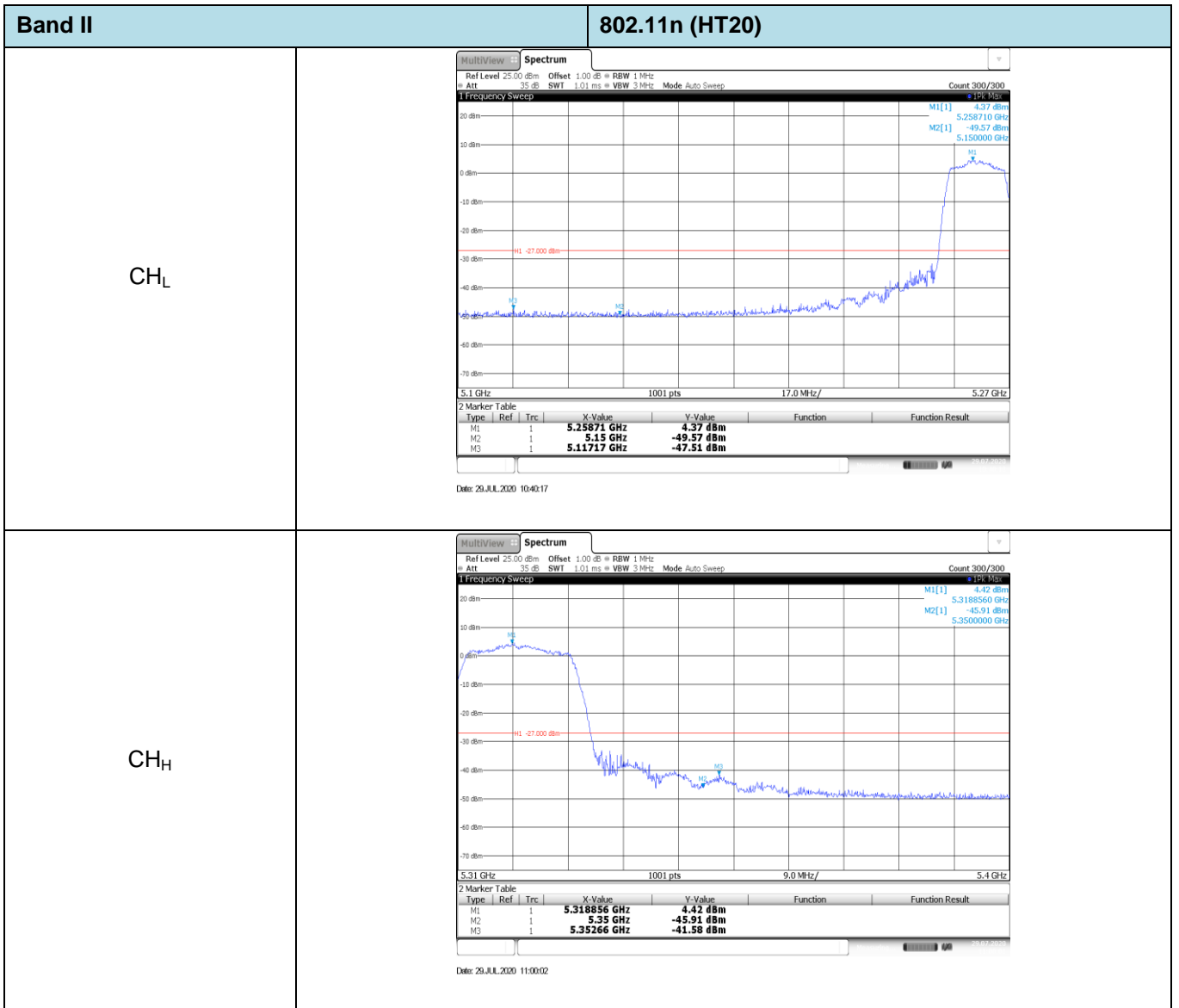
Band I

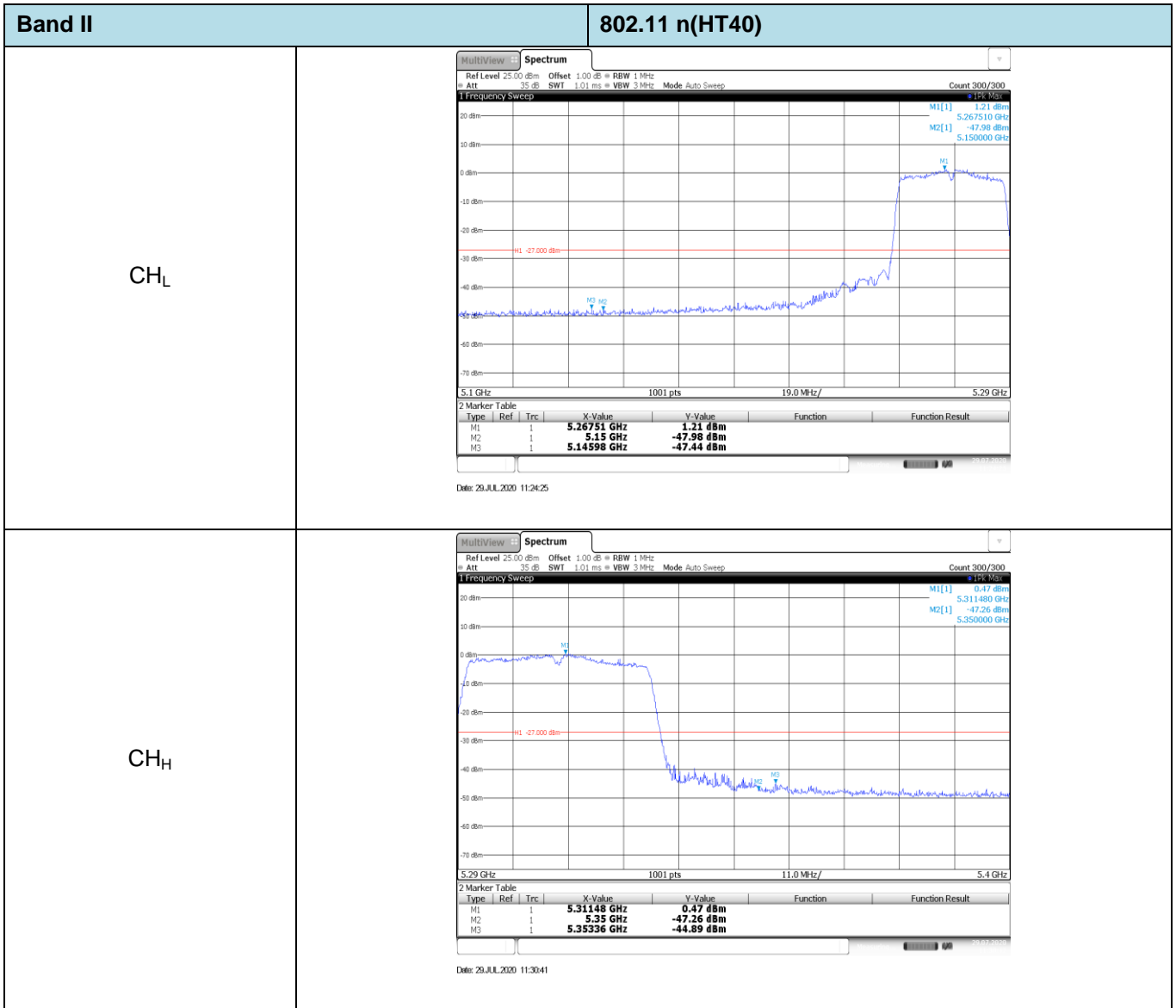
802.11 ac(HT80)

CH_L





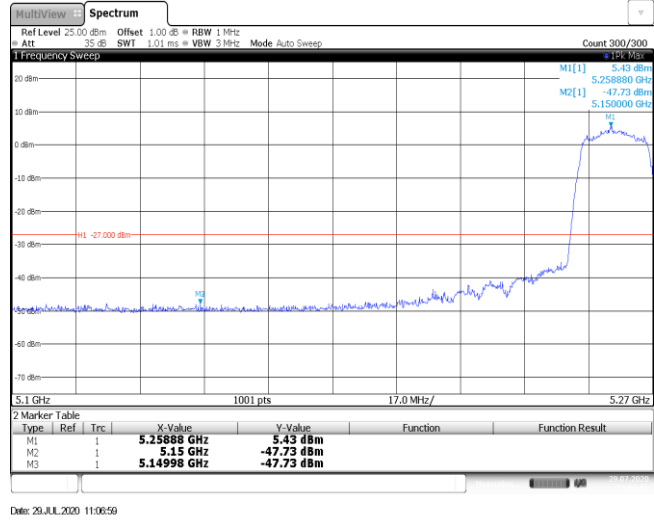




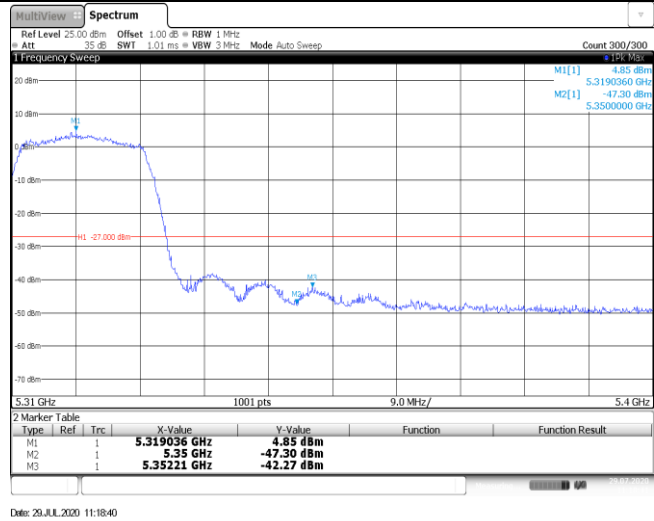
Band II

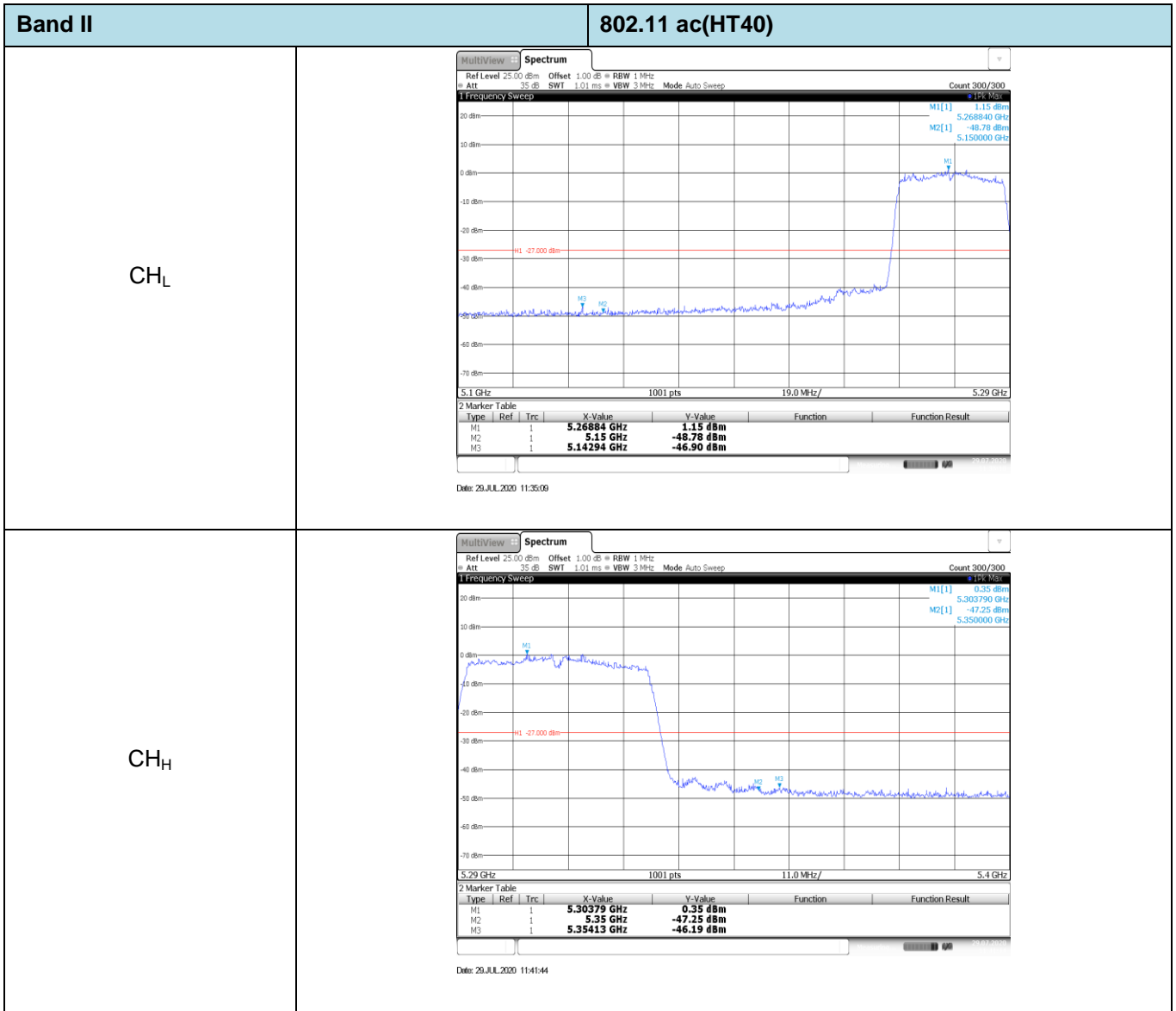
802.11ac (HT20)

CH_L



CH_H

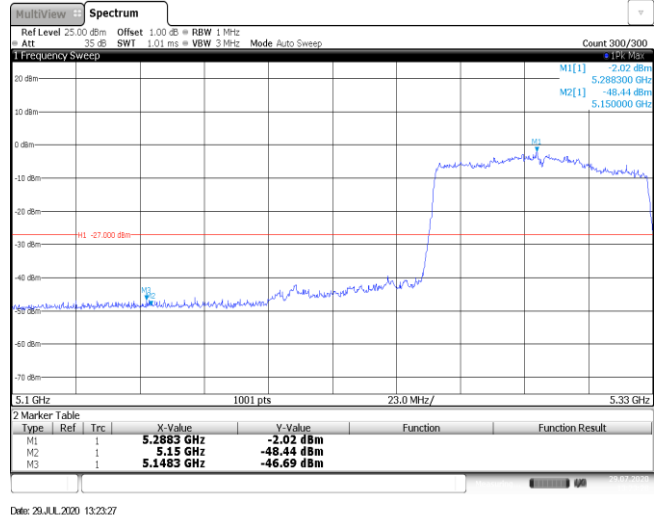


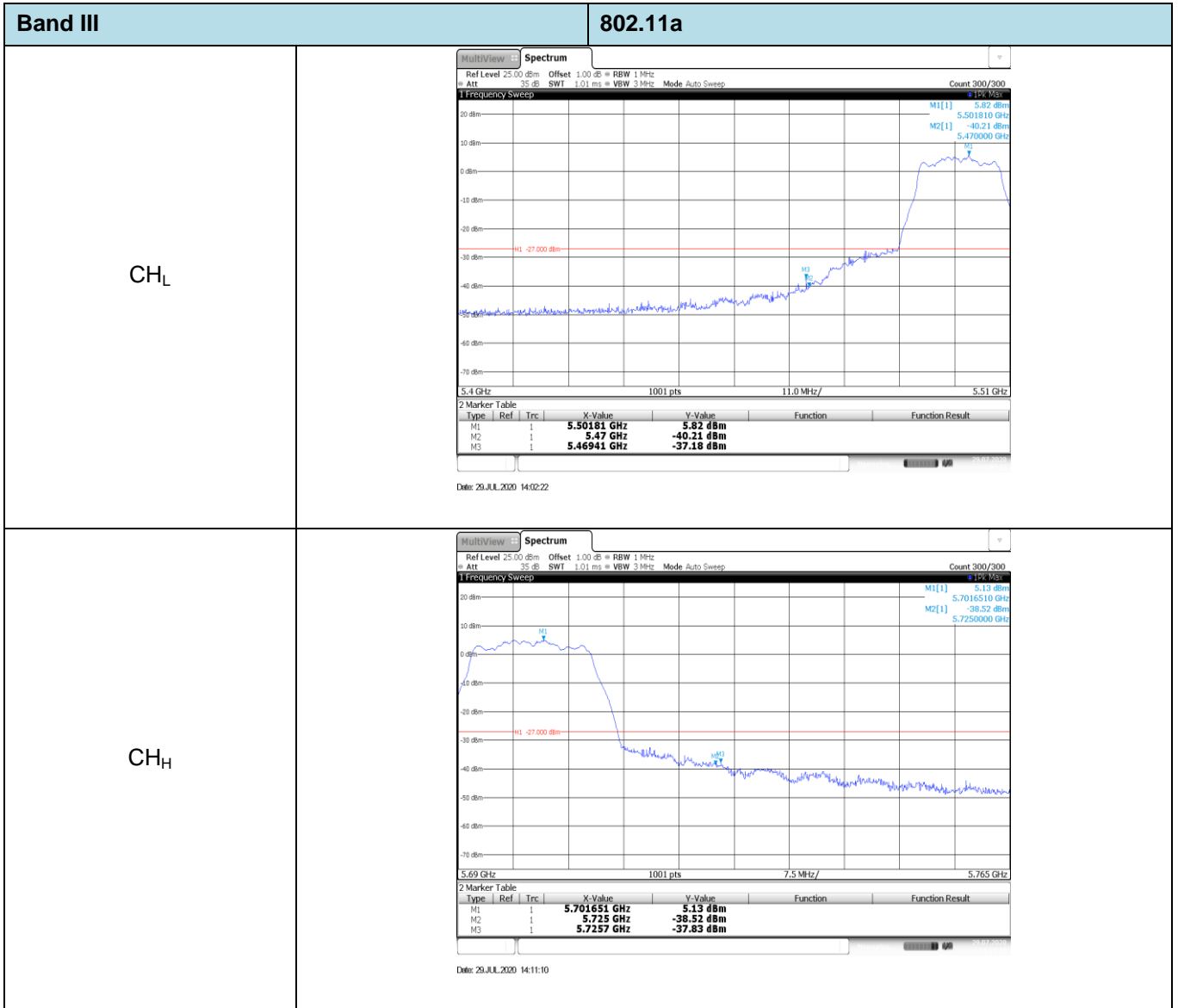


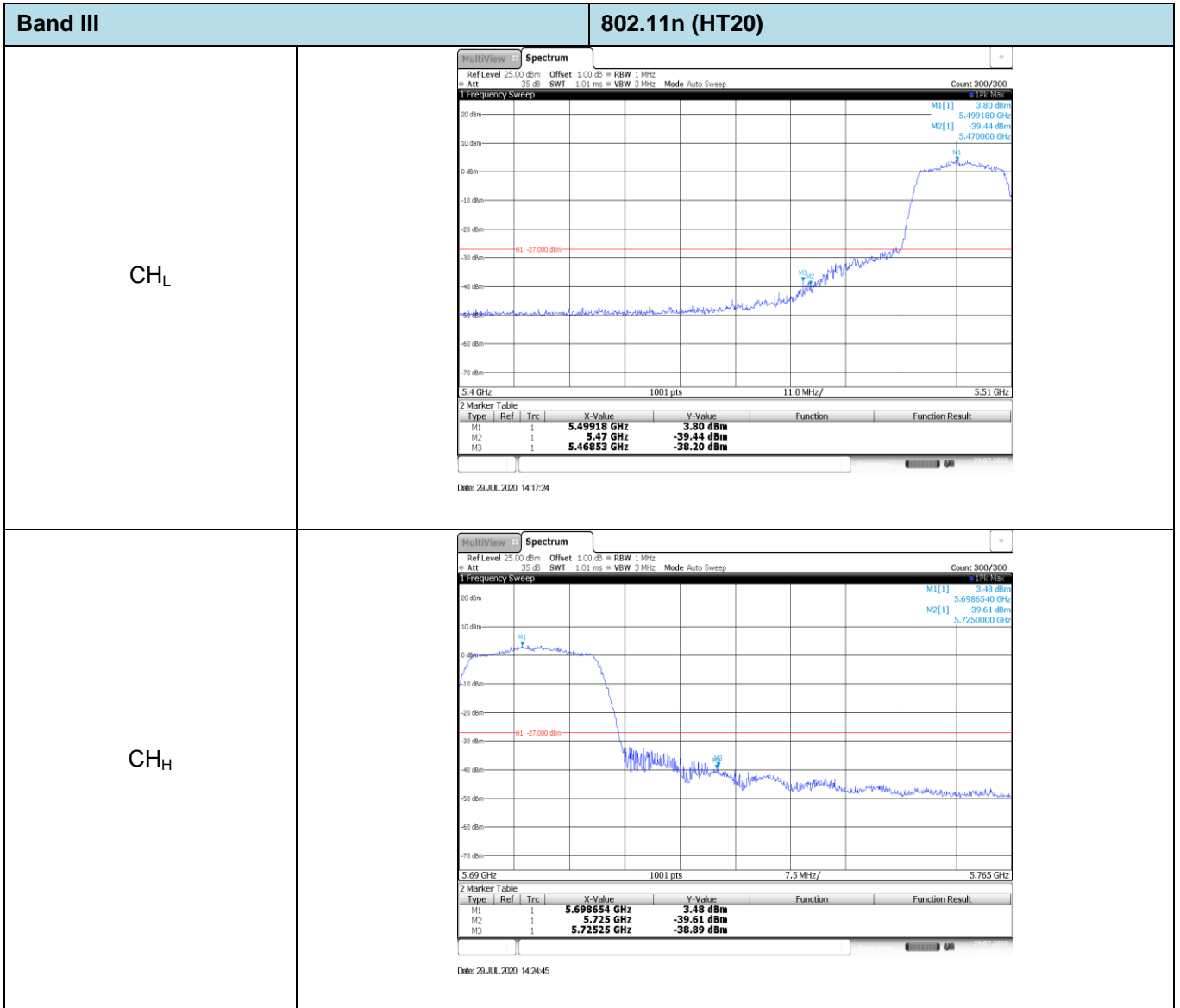
Band II

802.11 ac(HT80)

CH_L

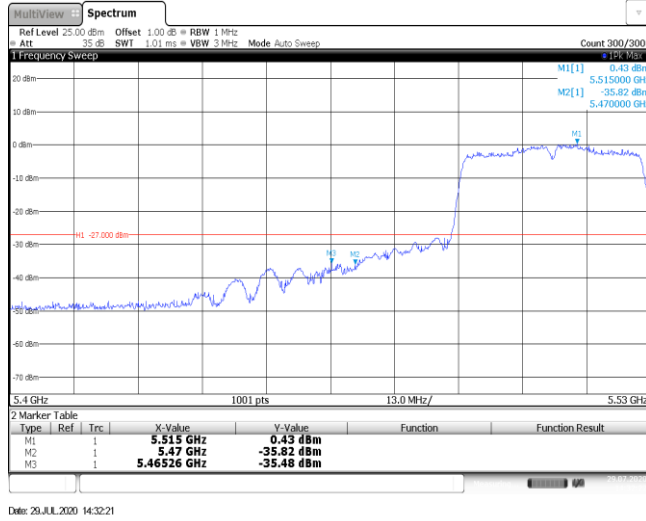




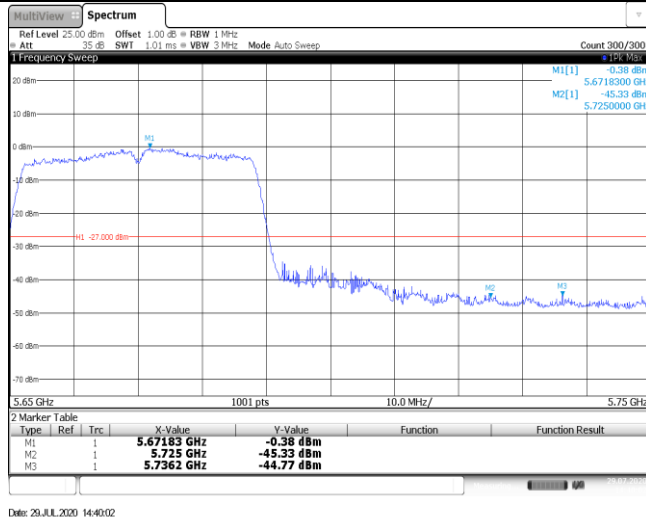


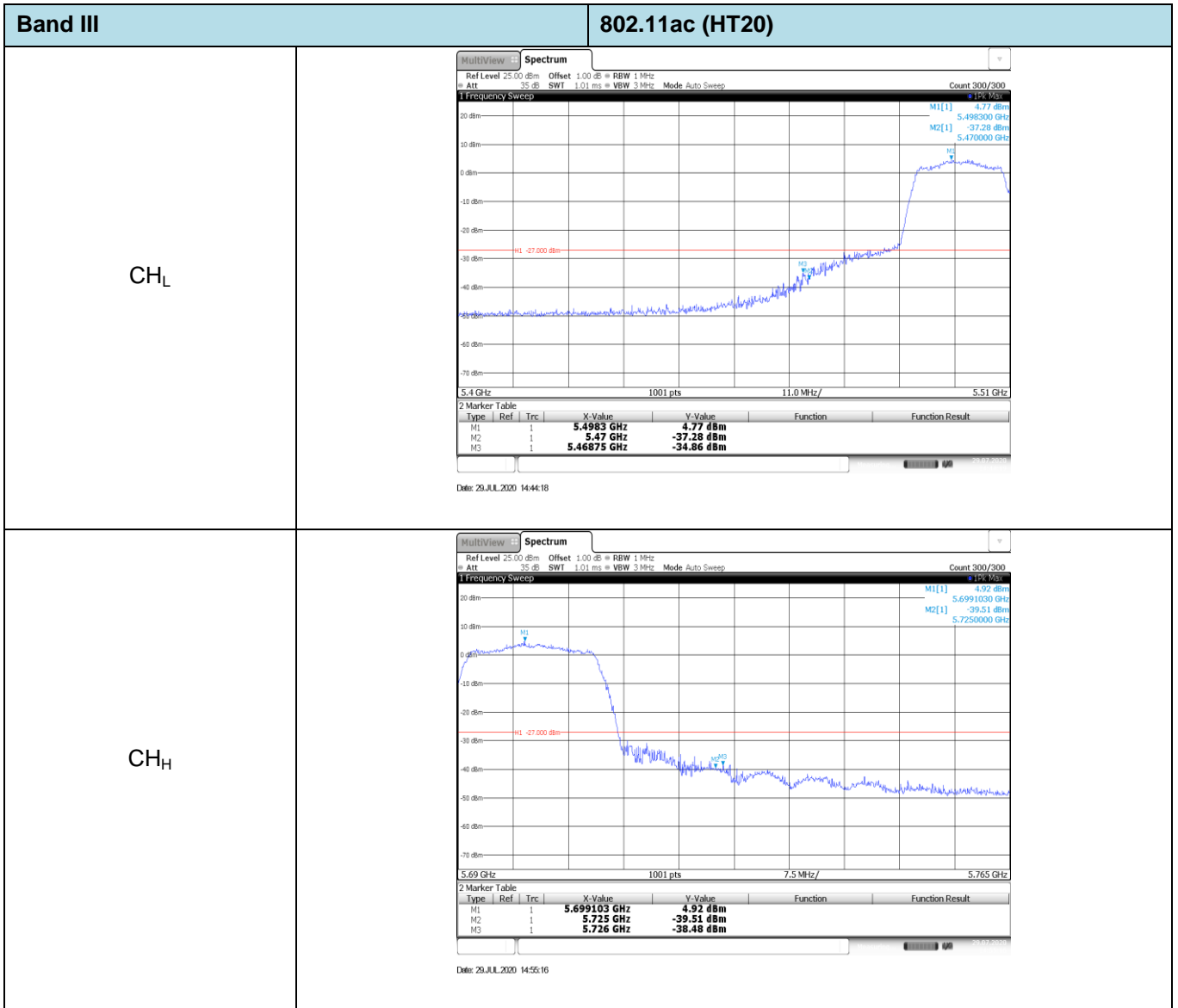
Band III **802.11 n(HT40)**

CH_L



CH_H

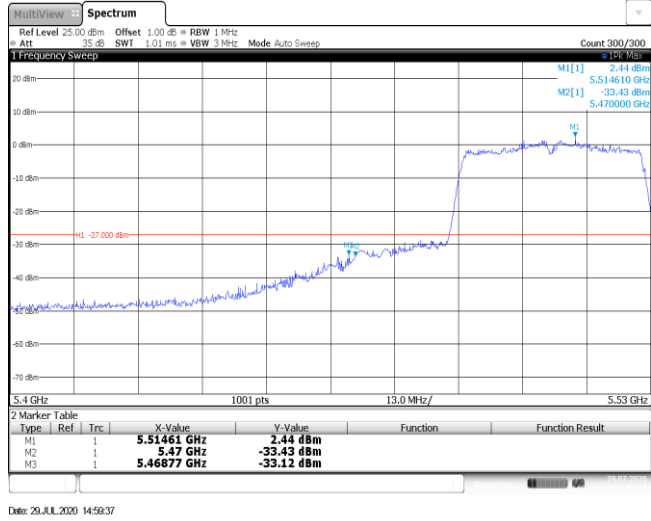




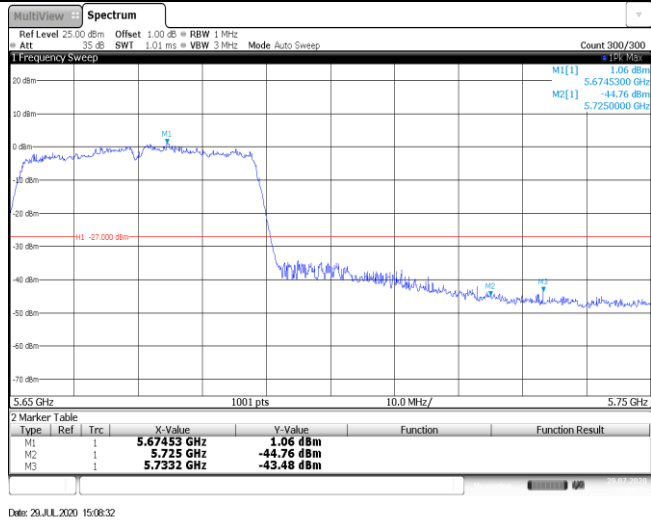
Band III

802.11 ac(HT40)

CH_L



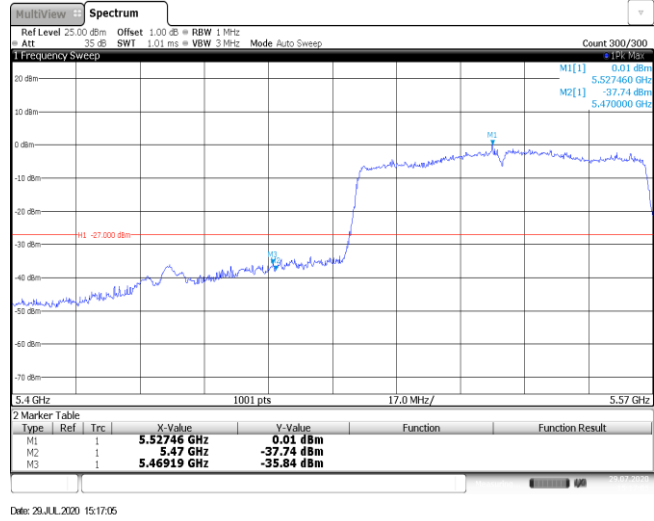
CH_H



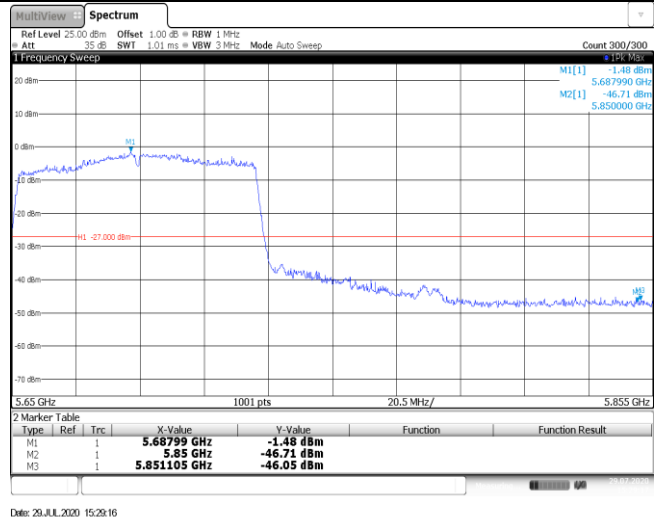
Band III

802.11 ac(HT80)

CH_L

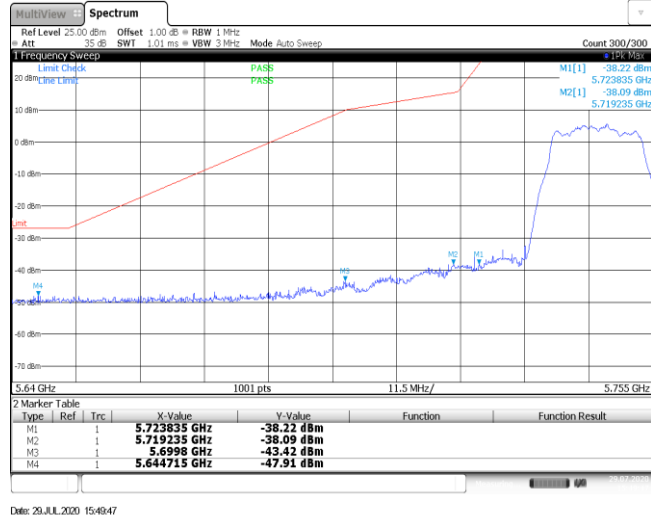


CH_H

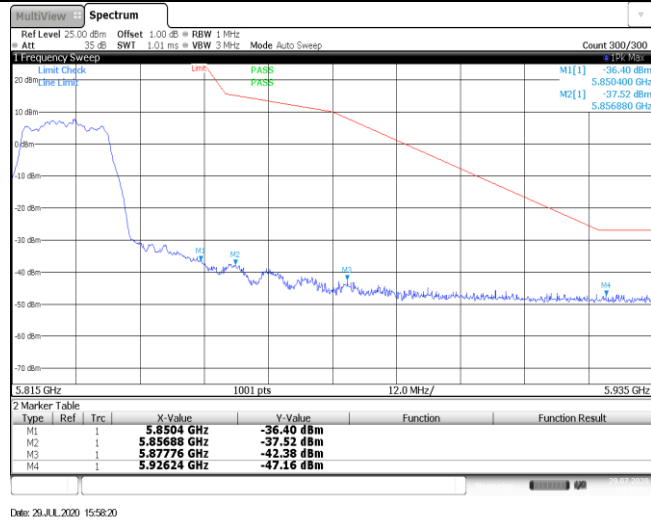


Band IV **802.11a**

CH_L



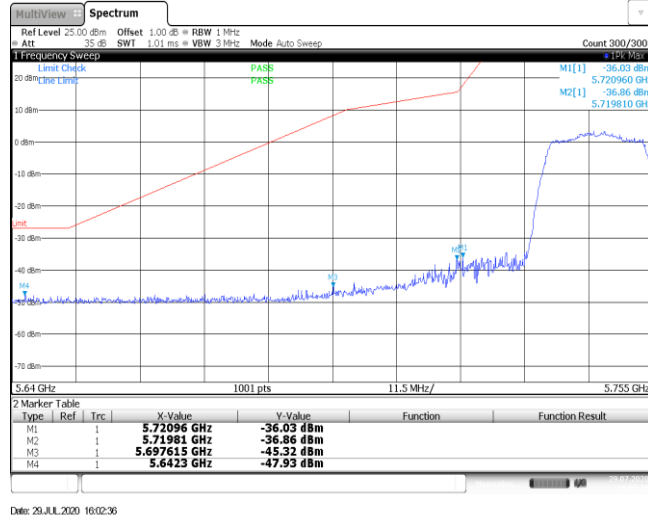
CH_H



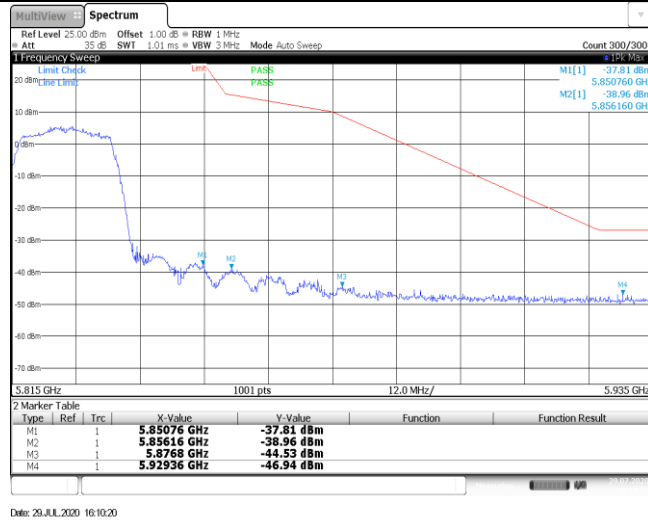
Band IV

802.11n (HT20)

CH_L



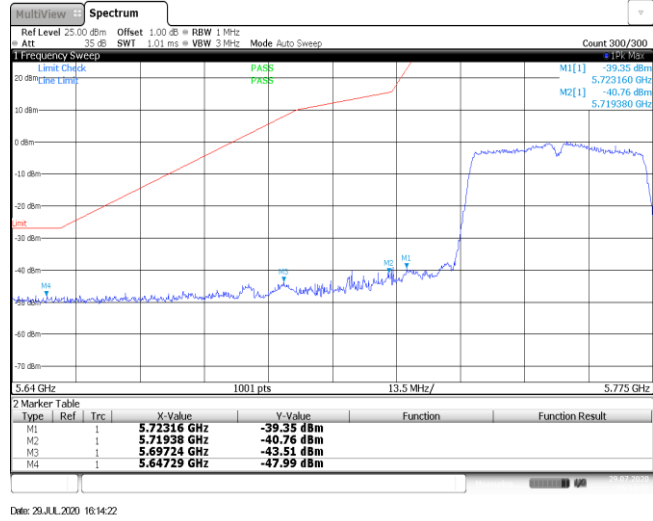
CH_H



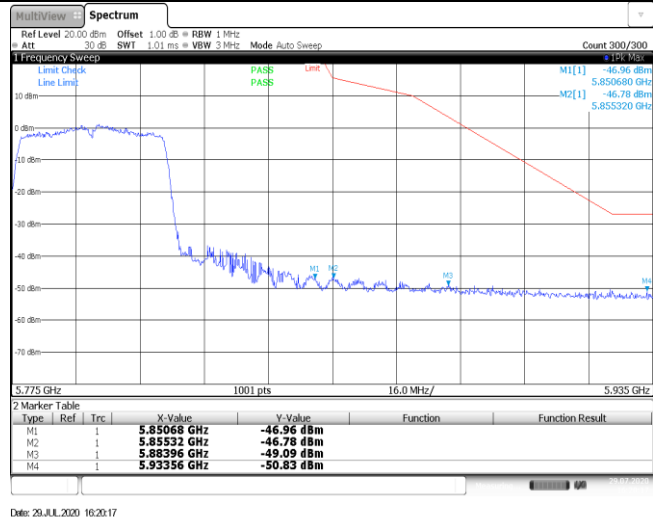
Band IV

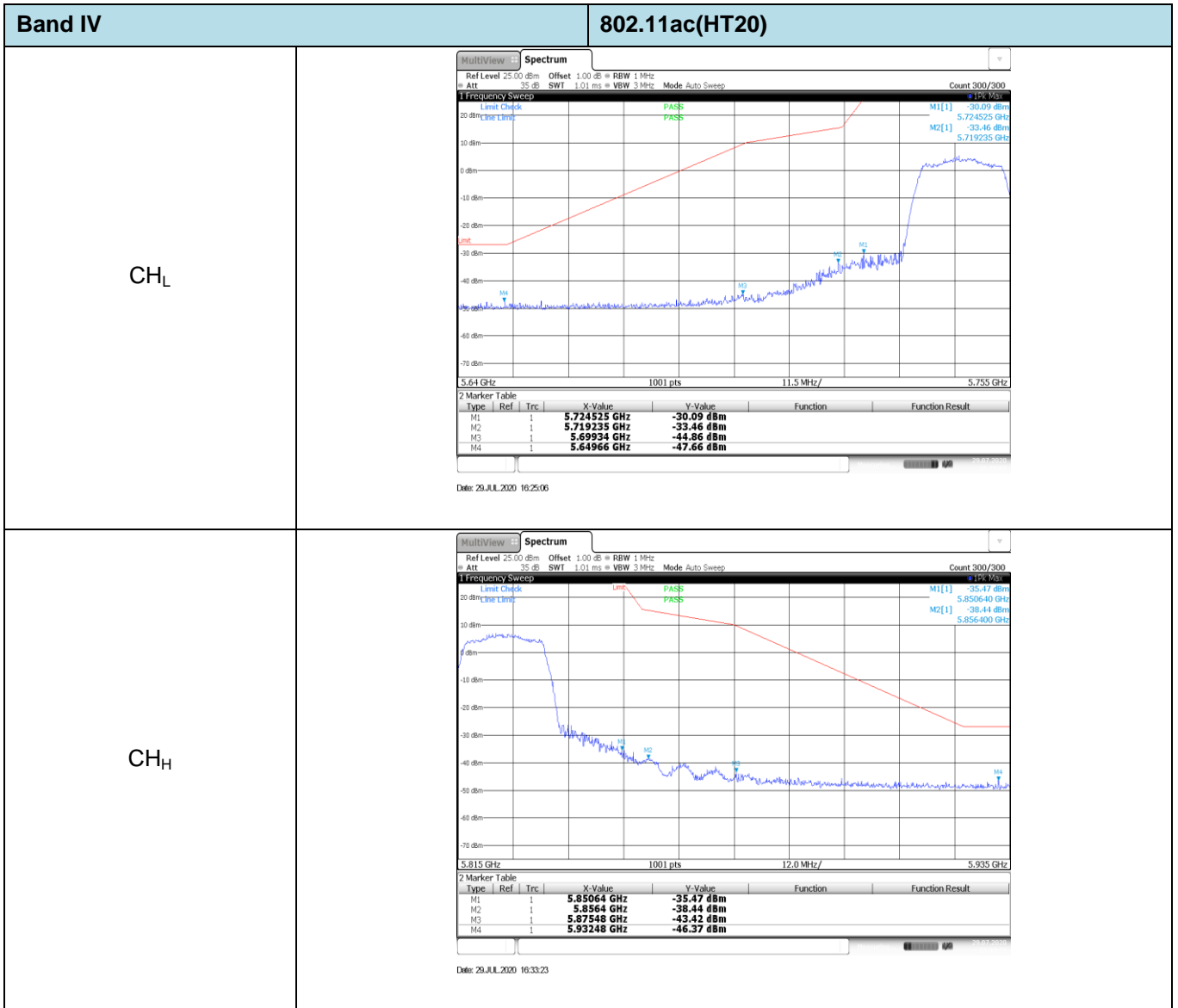
802.11 n(HT40)

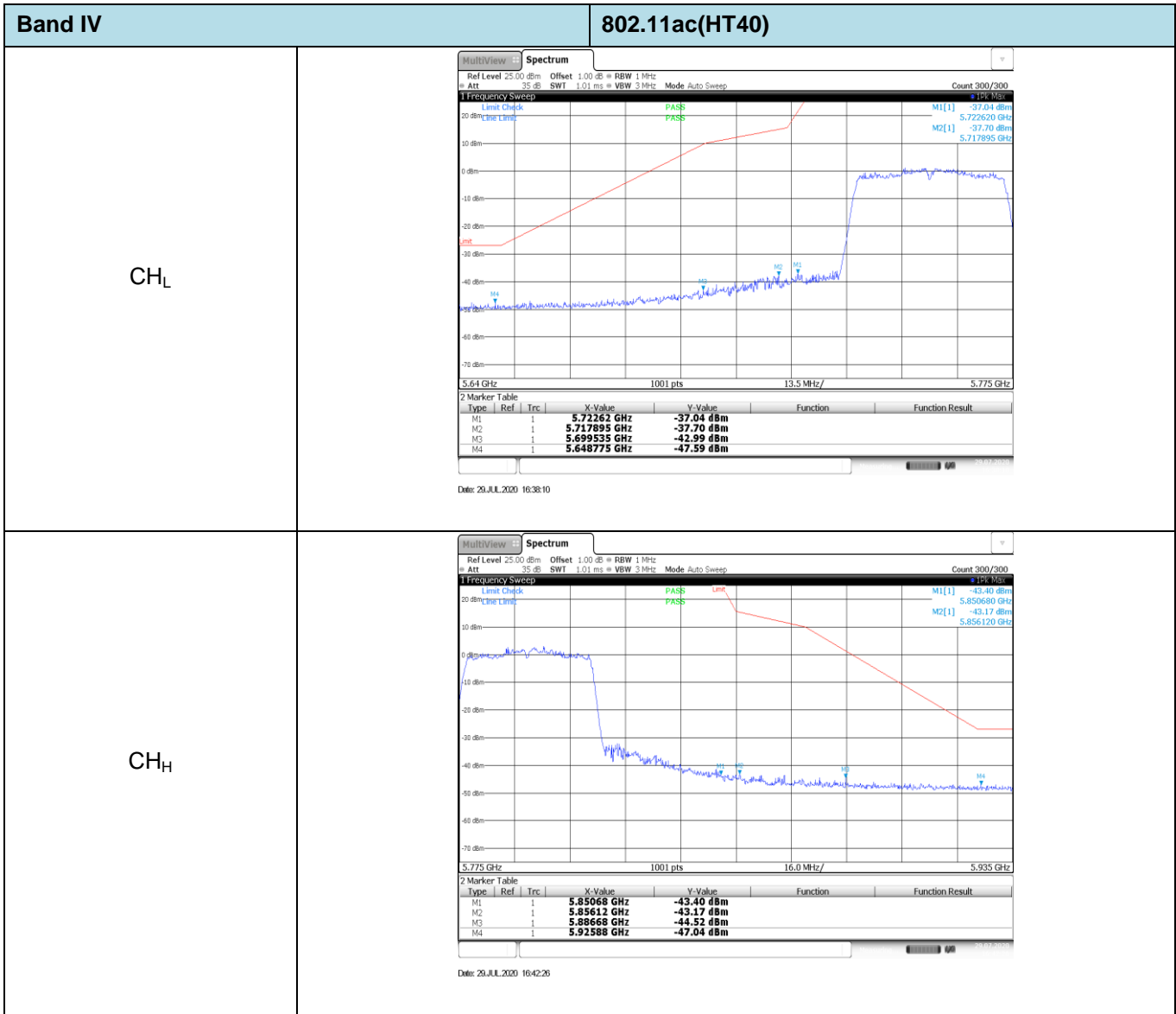
CH_L

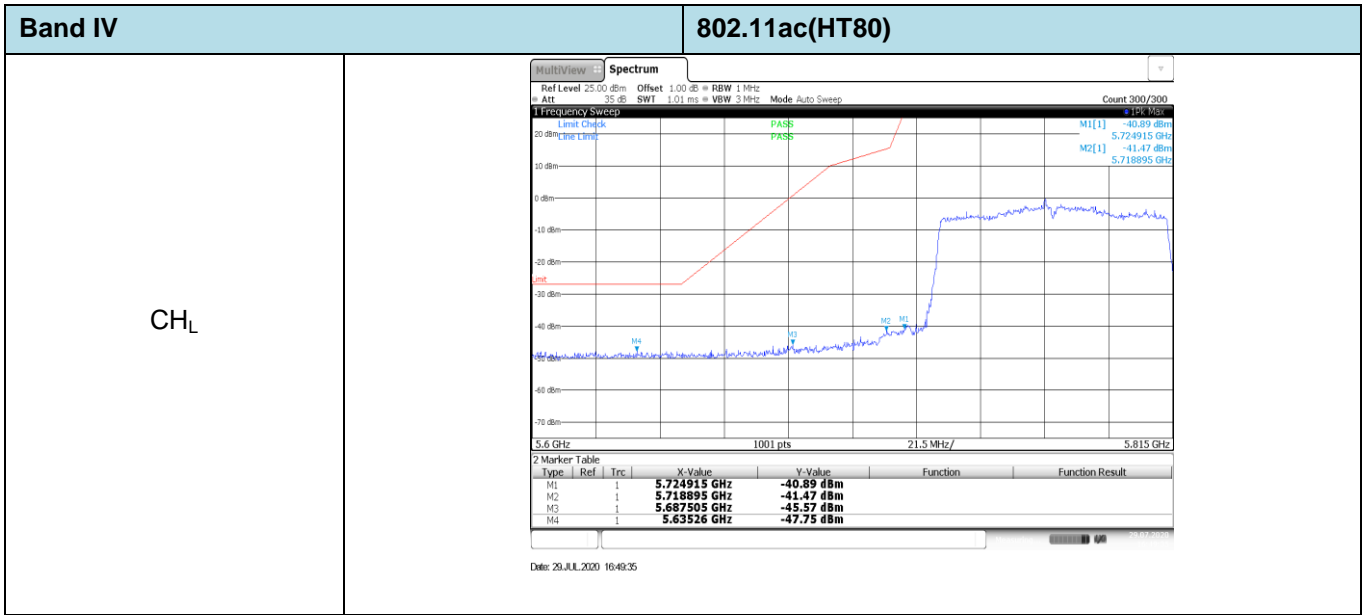


CH_H









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	7000.00	1.35135	PASS
T _N	V _N	6000.00	1.15830	PASS
T _N	V _H	7000.00	1.35135	PASS

Band: II			Test Frequency: 5260.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	10000.00	1.90114	PASS
T _N	V _N	11000.00	2.09126	PASS
T _N	V _H	9000.00	1.71103	PASS

Band: III			Test Frequency: 5500.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	7000.00	1.27273	PASS
T _N	V _N	7000.00	1.27273	PASS
T _N	V _H	8000.00	1.45455	PASS

Band: IV			Test Frequency: 5745.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	8000.00	1.39252	PASS
T _N	V _N	8000.00	1.39252	PASS
T _N	V _H	7000.00	1.21845	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	8000.00	1.54440	PASS
V _N	-10	8000.00	1.54440	PASS
V _N	0	8000.00	1.54440	PASS
V _N	10	8000.00	1.54440	PASS
V _N	20	8000.00	1.54440	PASS
V _N	30	8000.00	1.54440	PASS
V _N	40	8000.00	1.54440	PASS
V _N	50	9000.00	1.73745	PASS

Band: II			Test Frequency: 5260.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	9000.00	1.71103	PASS
V _N	-10	8000.00	1.52091	PASS
V _N	0	8000.00	1.52091	PASS
V _N	10	8000.00	1.52091	PASS
V _N	20	7000.00	1.33080	PASS
V _N	30	8000.00	1.52091	PASS
V _N	40	7000.00	1.33080	PASS
V _N	50	7000.00	1.33080	PASS

Band: III			Test Frequency: 5500.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	8000.00	1.45455	PASS
V _N	-10	8000.00	1.45455	PASS
V _N	0	8000.00	1.45455	PASS
V _N	10	8000.00	1.45455	PASS
V _N	20	8000.00	1.45455	PASS
V _N	30	8000.00	1.45455	PASS
V _N	40	9000.00	1.63636	PASS
V _N	50	9000.00	1.63636	PASS

Band: IV			Test Frequency: 5745.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	8000.00	1.39252	PASS
V _N	-10	9000.00	1.56658	PASS
V _N	0	9000.00	1.56658	PASS
V _N	10	9000.00	1.56658	PASS
V _N	20	9000.00	1.56658	PASS
V _N	30	9000.00	1.56658	PASS
V _N	40	9000.00	1.56658	PASS
V _N	50	9000.00	1.56658	PASS

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