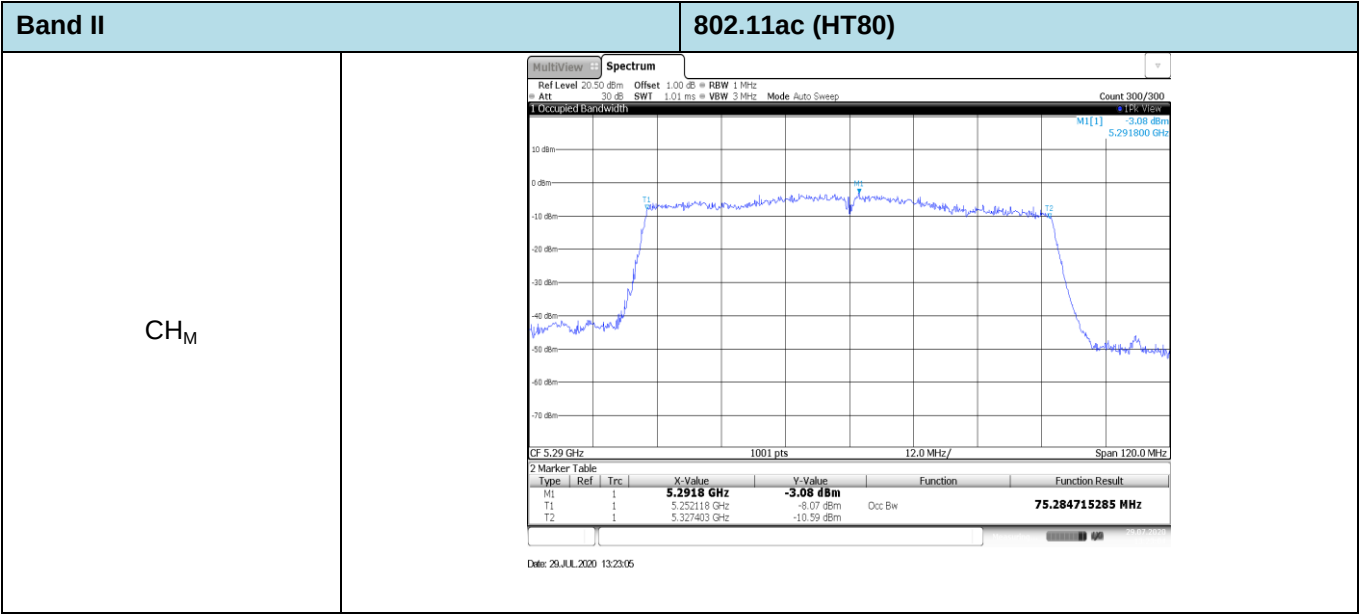
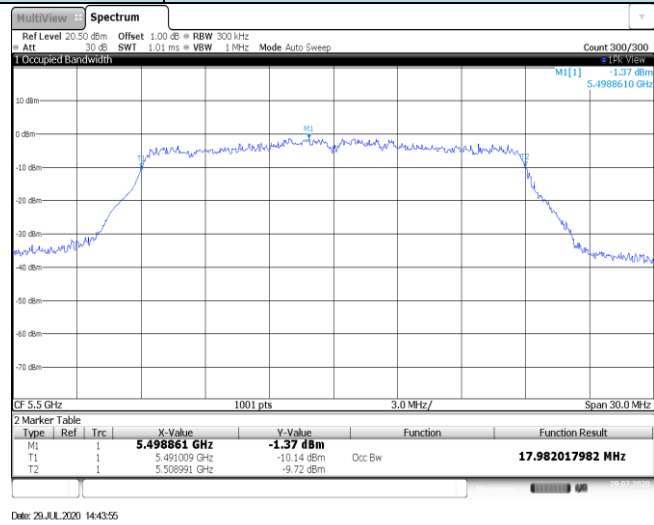
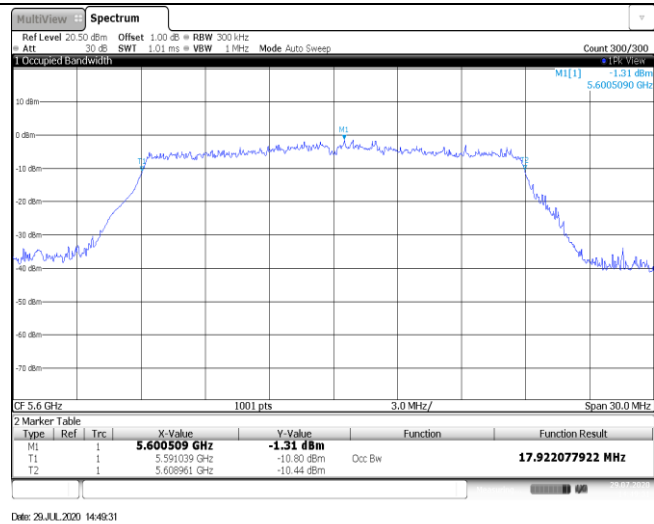
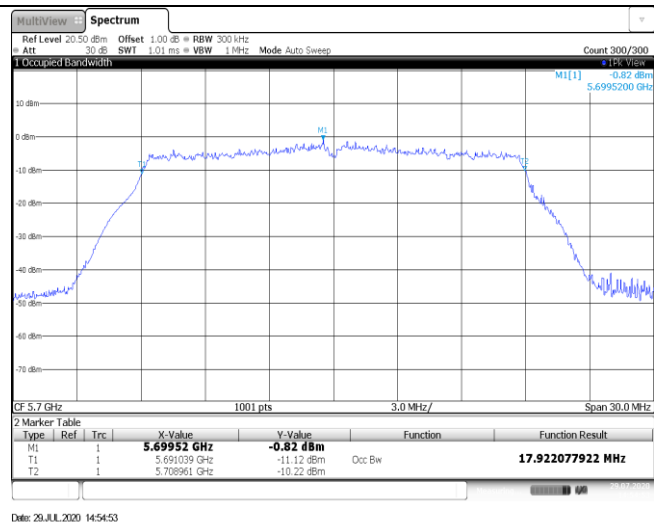
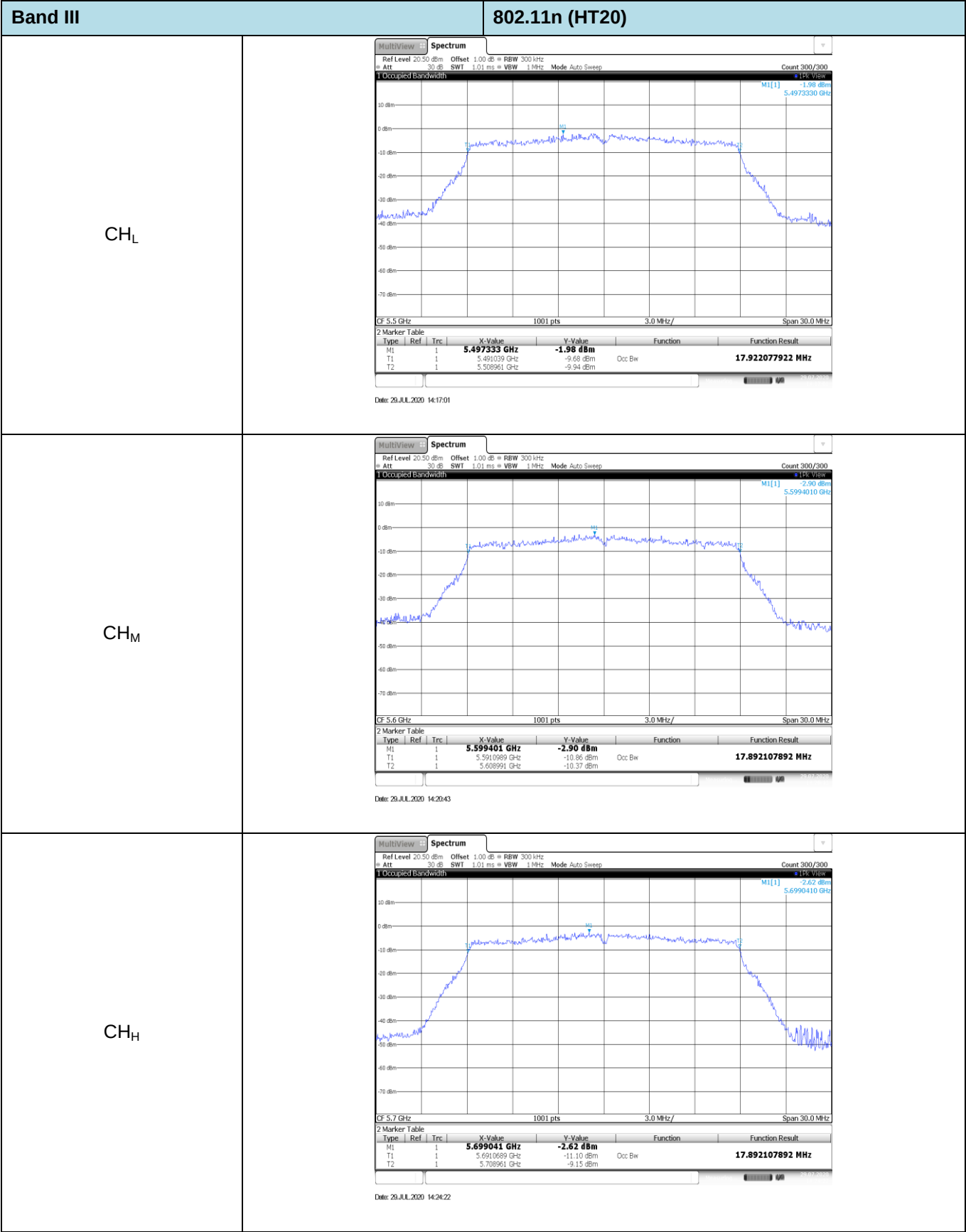


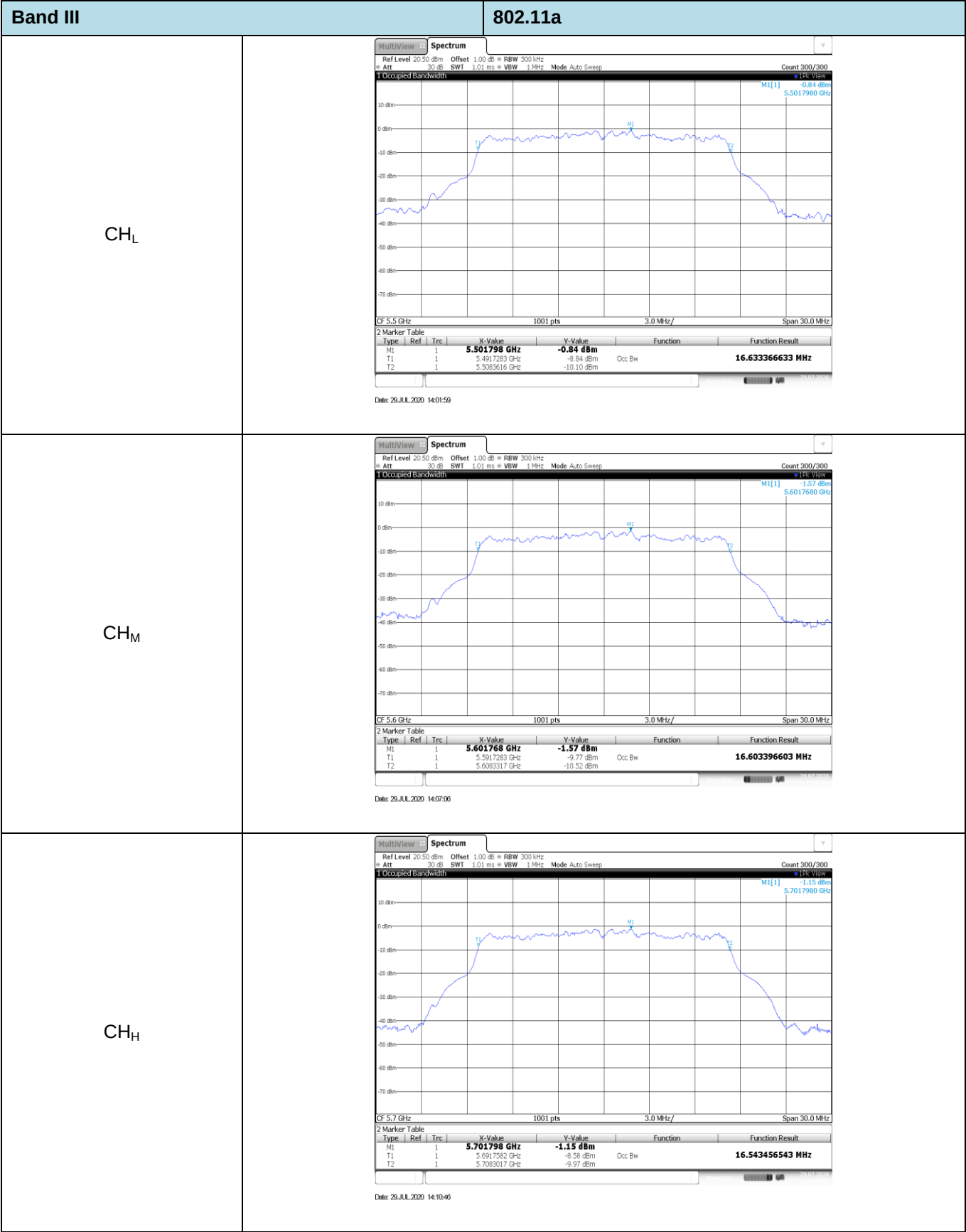


Band III

802.11ac (HT20)

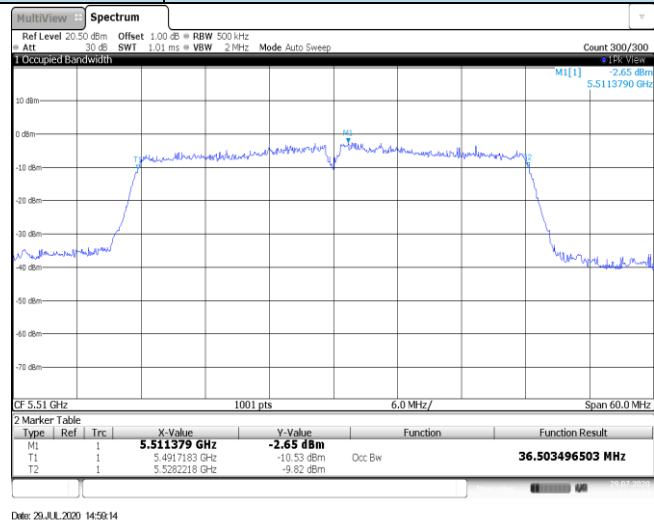
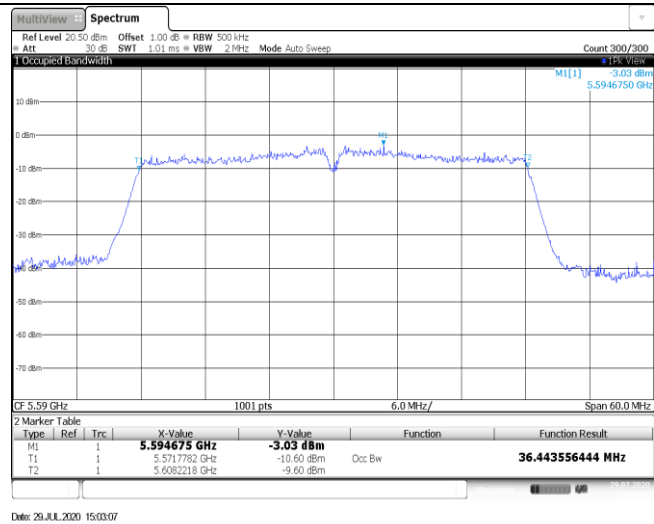
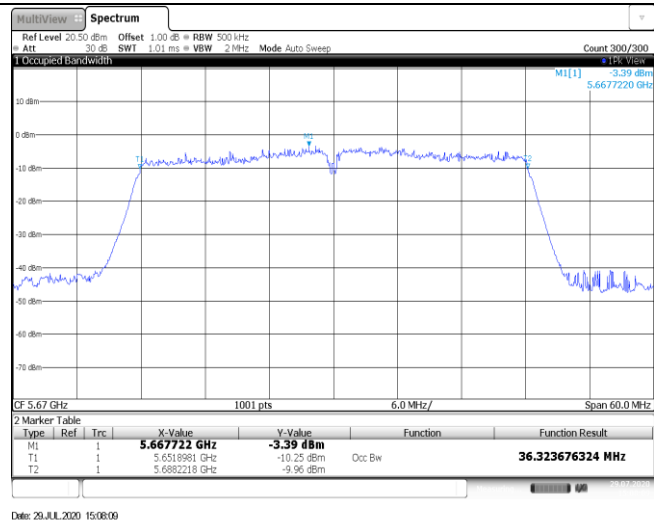
CH_LCH_MCH_H





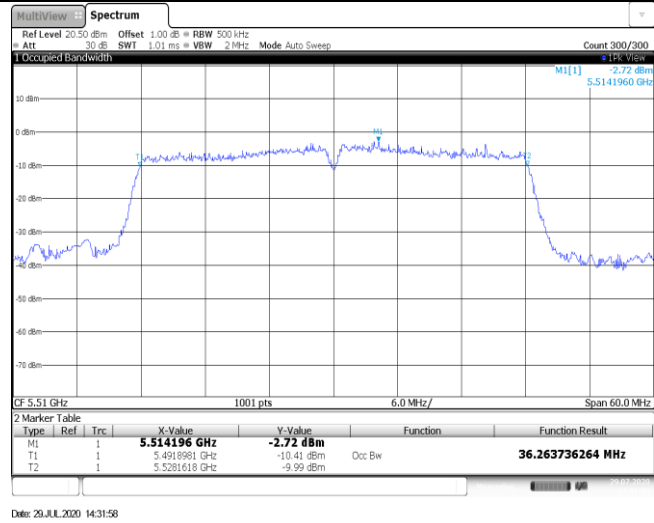
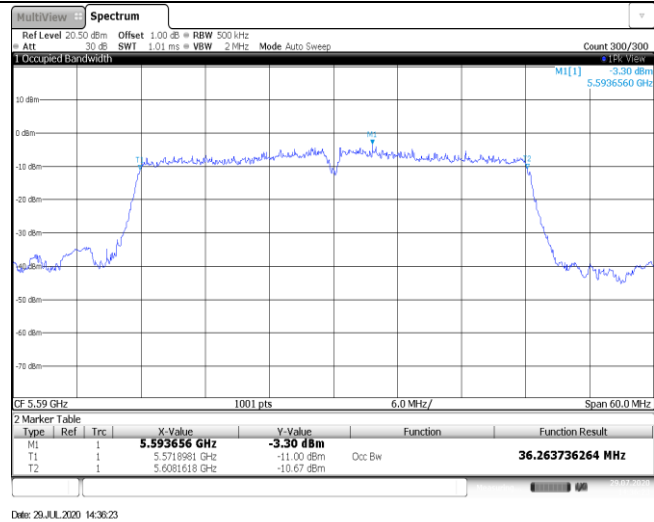
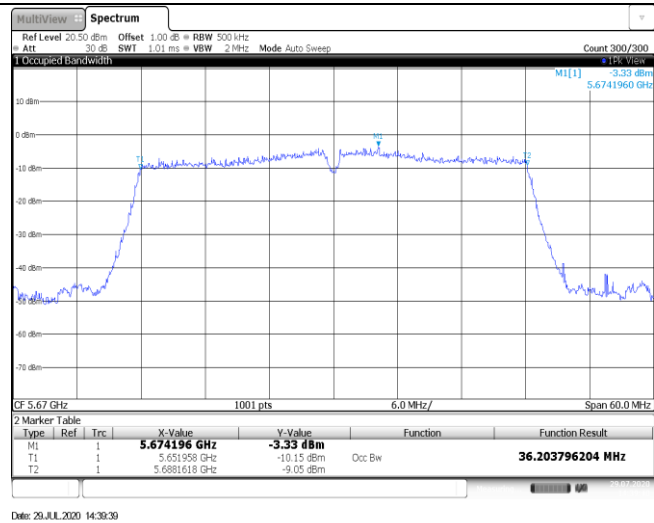
Band III

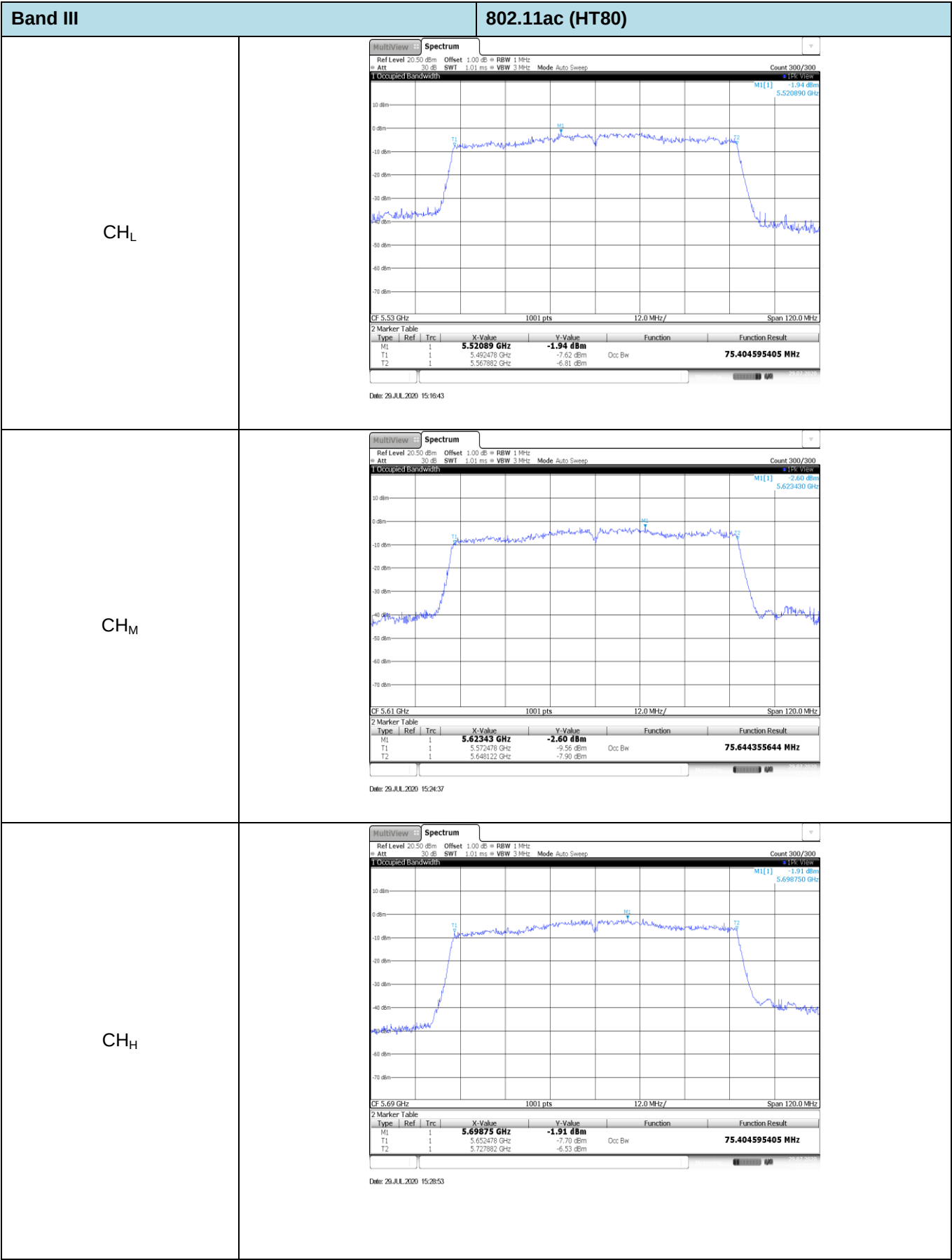
802.11ac (HT40)

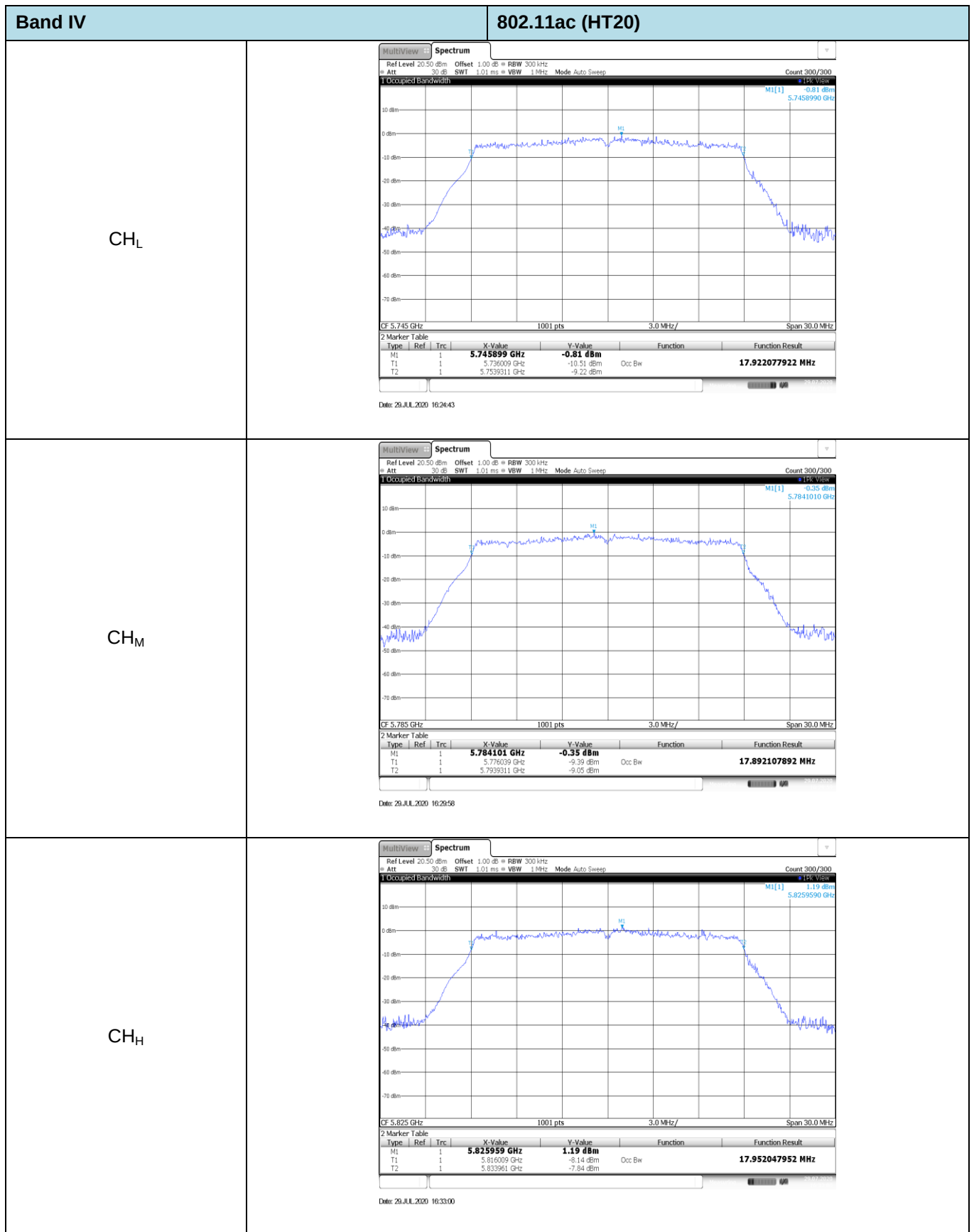
CH_LCH_MCH_H

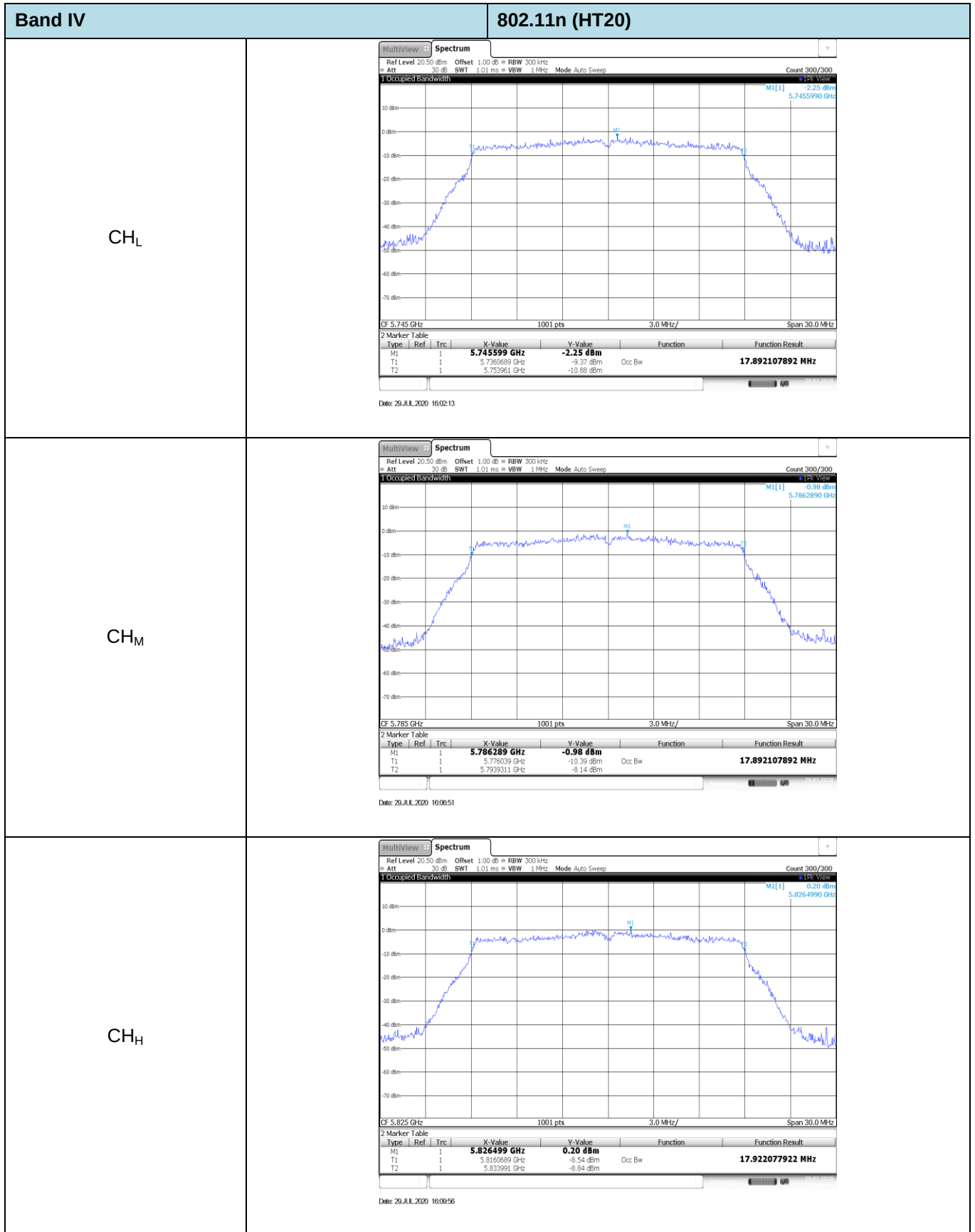
Band III

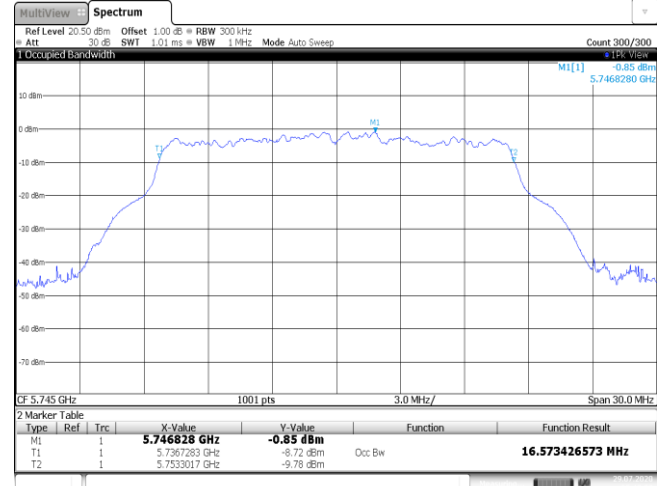
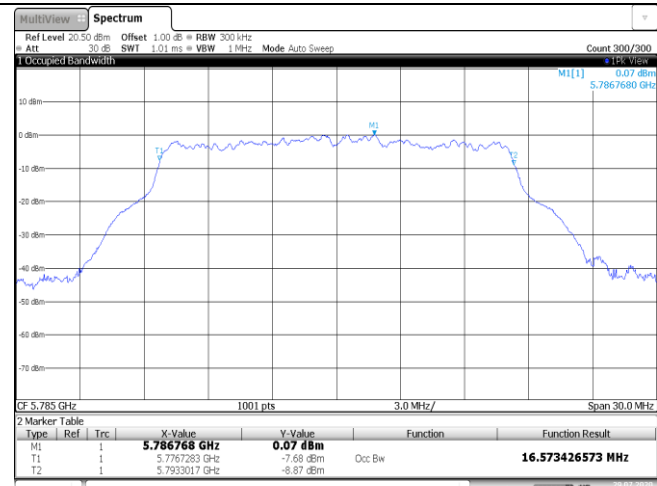
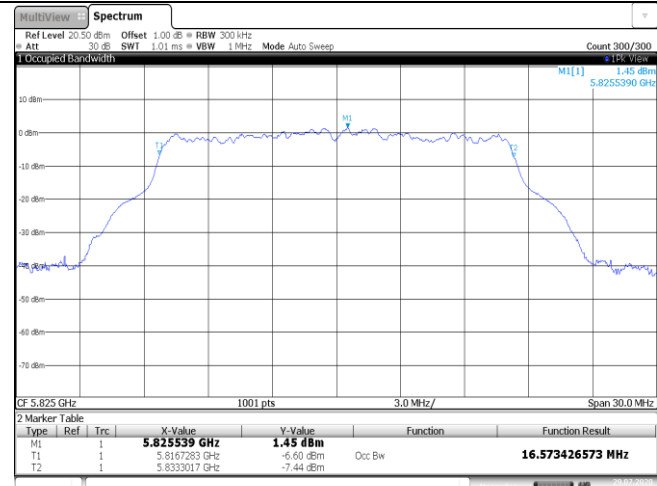
802.11n (HT40)

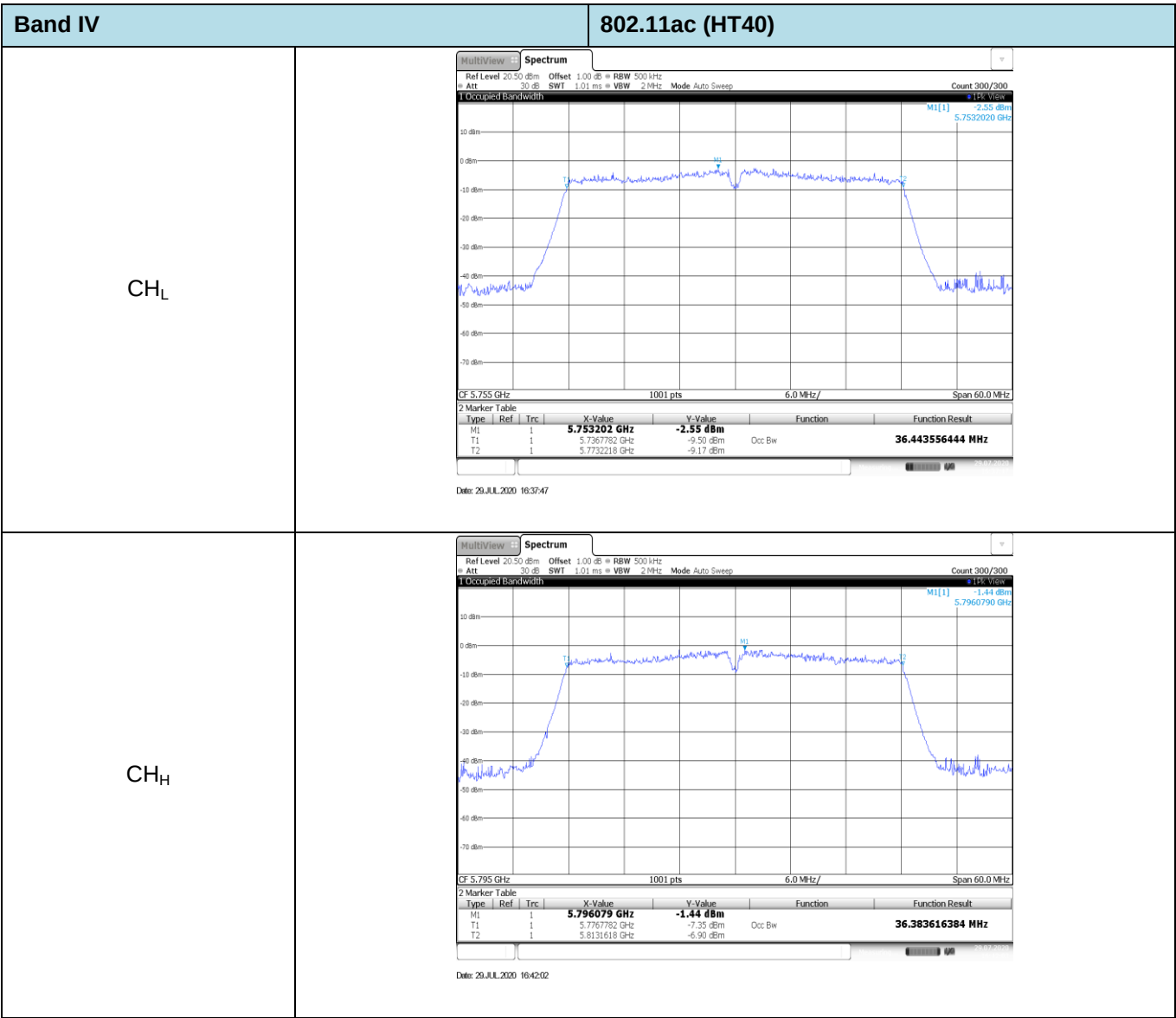
CH_LCH_MCH_H

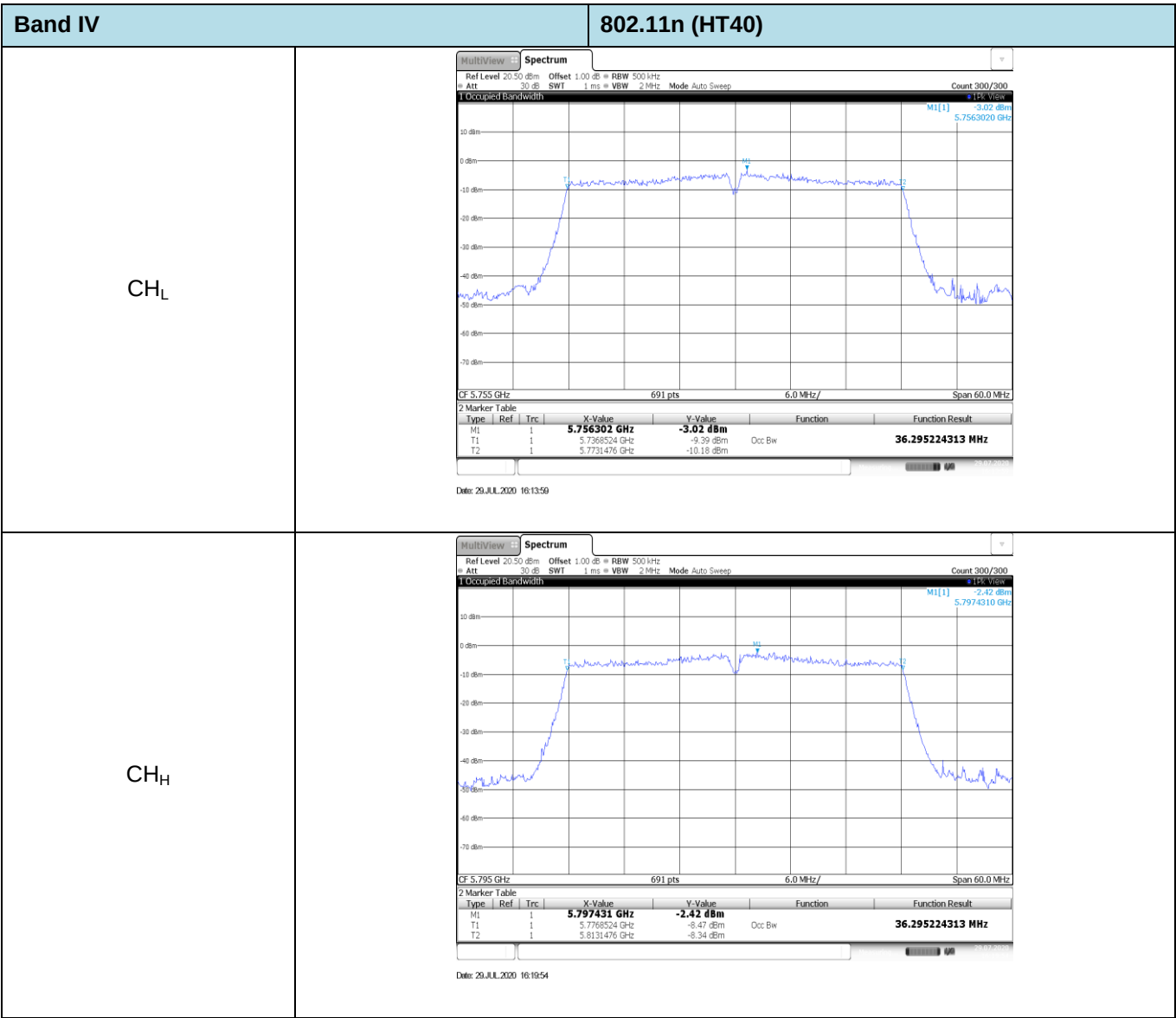


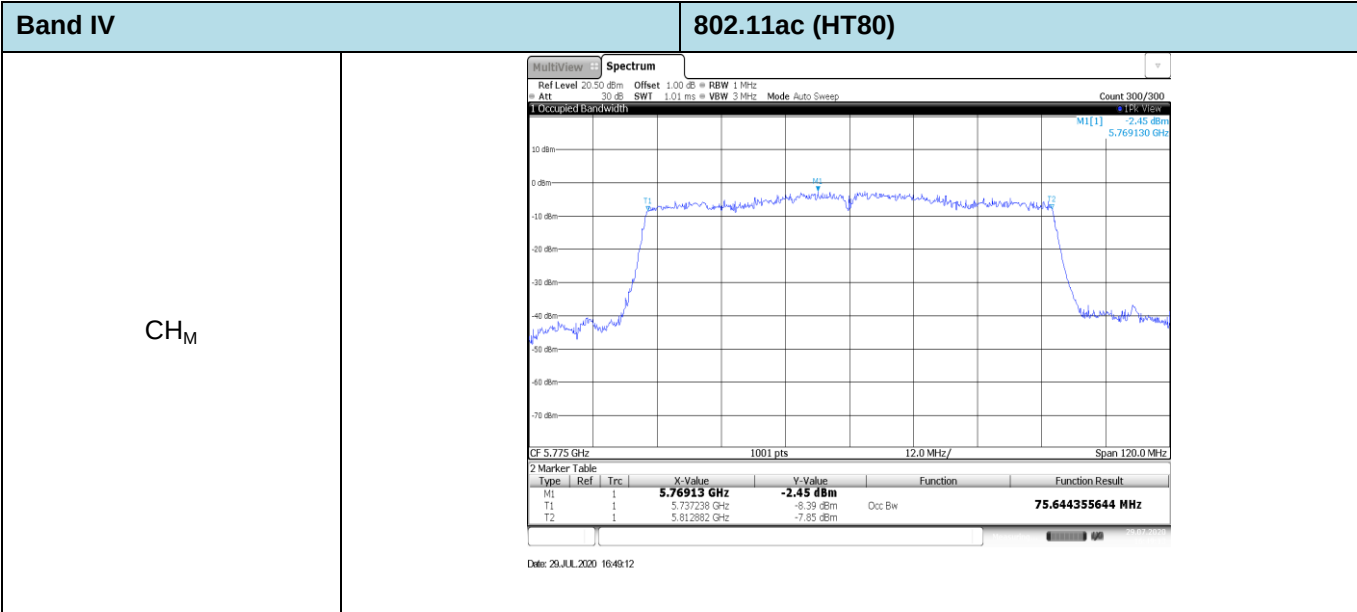




Band IV	802.11a
CH _L	 Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz ATT 30 dB SWT 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz 2 Marker Table Type Ref Trc X-Value Y-Value Function Function Result M1 1 5.746828 GHz -0.85 dBm T1 1 5.7397283 GHz -8.72 dBm Occ Bw 16.573426573 MHz T2 1 5.7533017 GHz -9.78 dBm Date: 29.JUL.2020 15:49:24
CH _M	 Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz ATT 30 dB SWT 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz 2 Marker Table Type Ref Trc X-Value Y-Value Function Function Result M1 1 5.786768 GHz 0.07 dBm T1 1 5.7767283 GHz -7.68 dBm Occ Bw 16.573426573 MHz T2 1 5.7933017 GHz -8.87 dBm Date: 29.JUL.2020 15:54:16
CH _H	 Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz ATT 30 dB SWT 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz 2 Marker Table Type Ref Trc X-Value Y-Value Function Function Result M1 1 5.825539 GHz 1.45 dBm T1 1 5.8167283 GHz -6.60 dBm Occ Bw 16.573426573 MHz T2 1 5.8333017 GHz -7.44 dBm Date: 29.JUL.2020 15:57:57





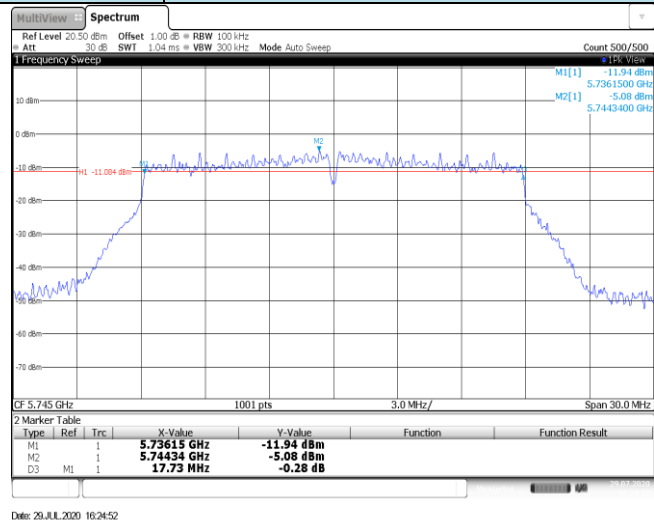
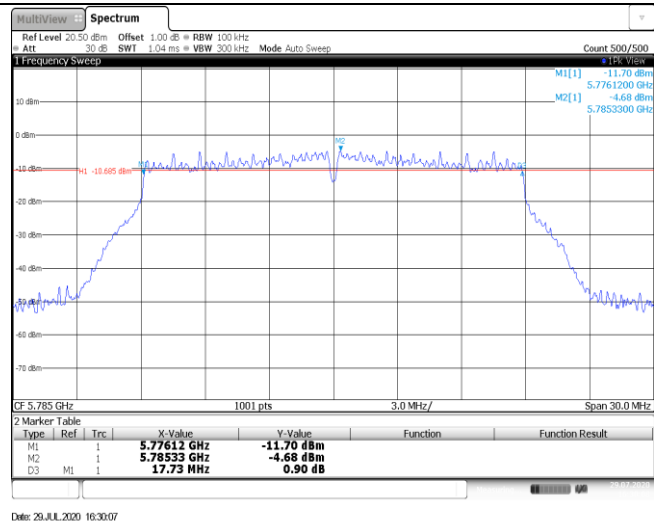
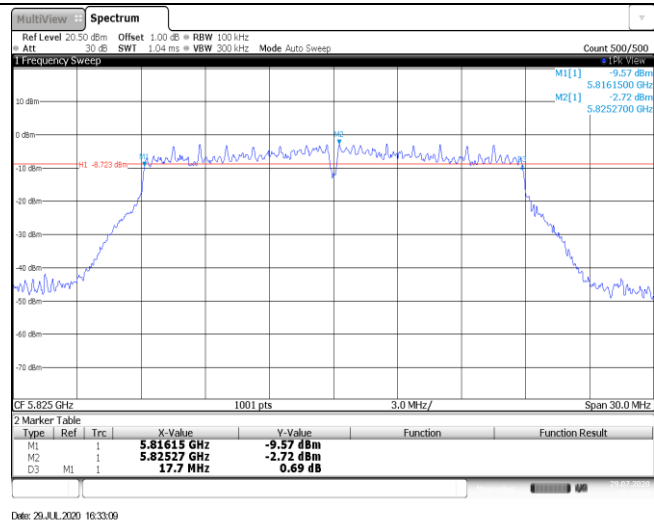


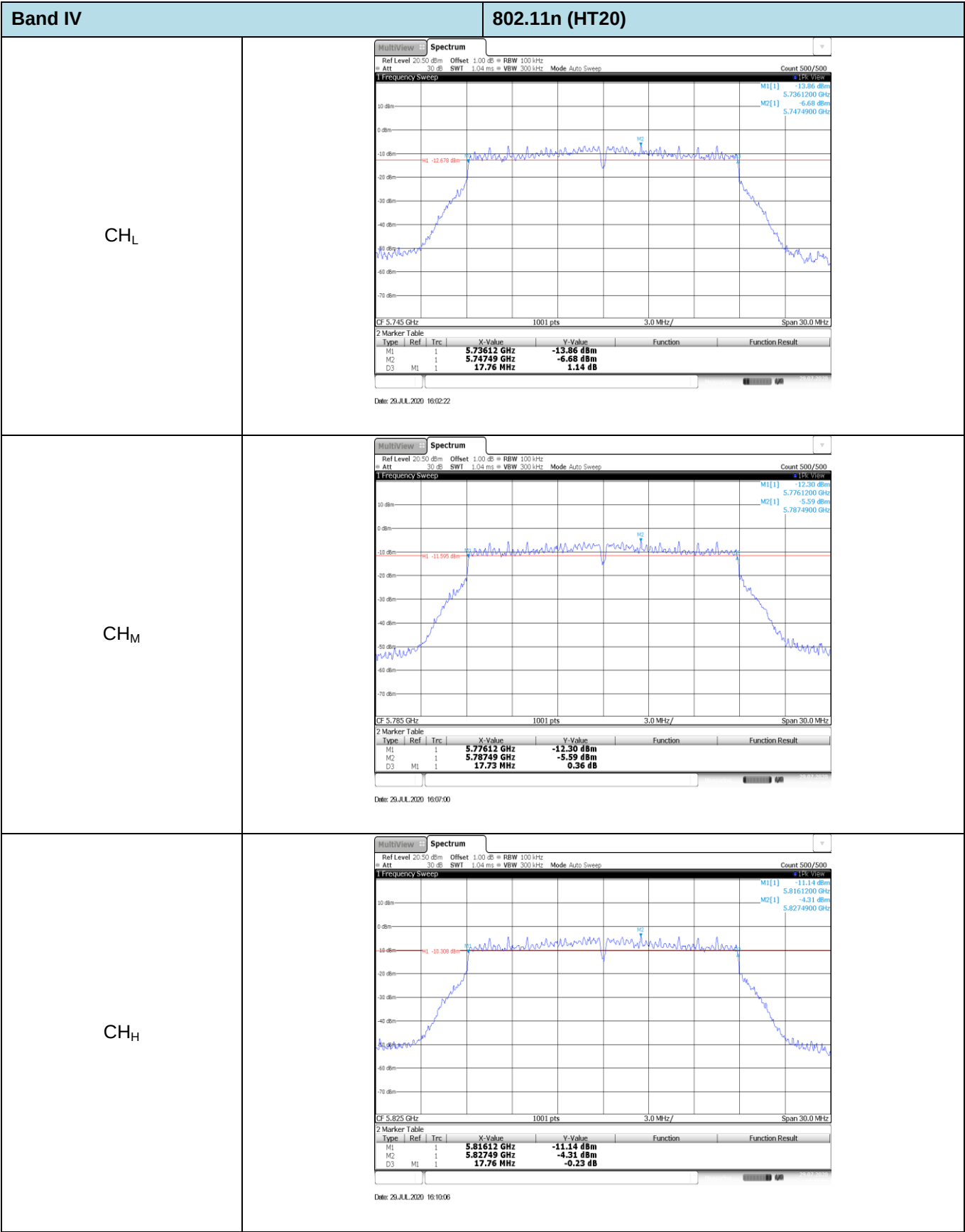
Appendix E: 6dB Bandwidth

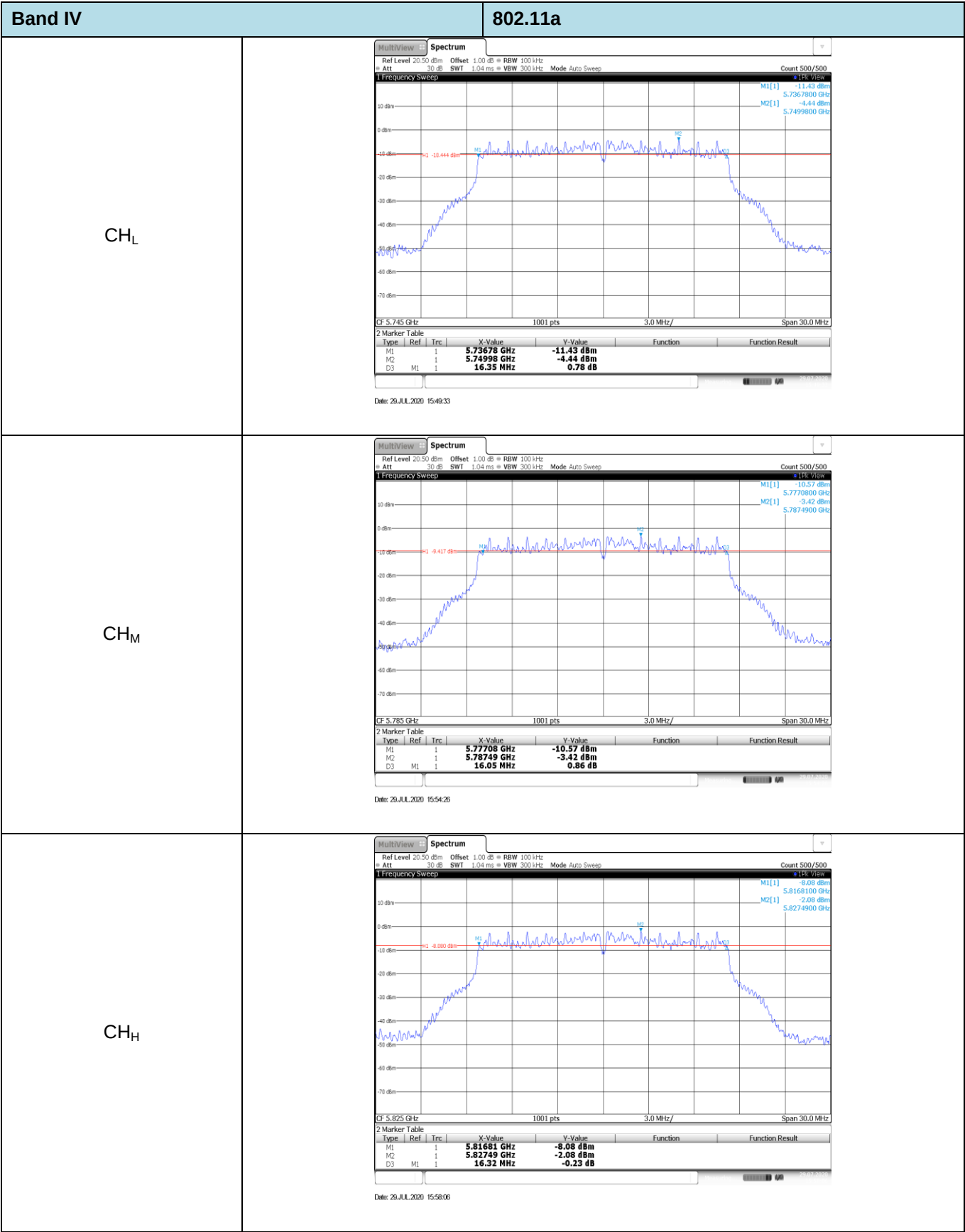
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.73	Pass
			CH _M	17.73	
			CH _H	17.70	
		802.11n	CH _L	17.76	Pass
			CH _M	17.73	
			CH _H	17.76	
		802.11a	CH _L	16.35	Pass
			CH _M	16.05	
			CH _H	16.32	
	40	802.11ac	CH _L	36.60	Pass
			CH _H	36.60	
		802.11n	CH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

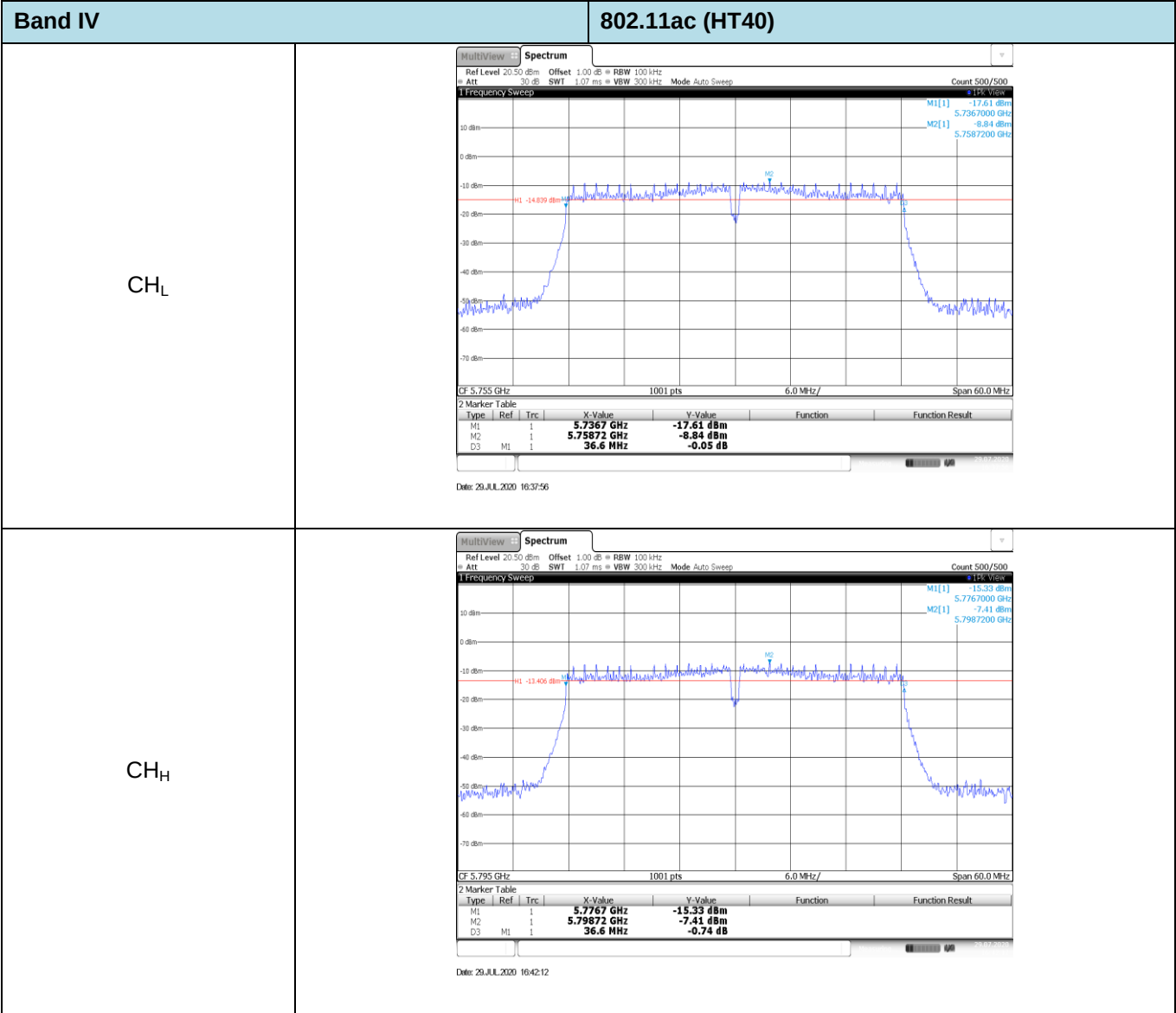
Band IV

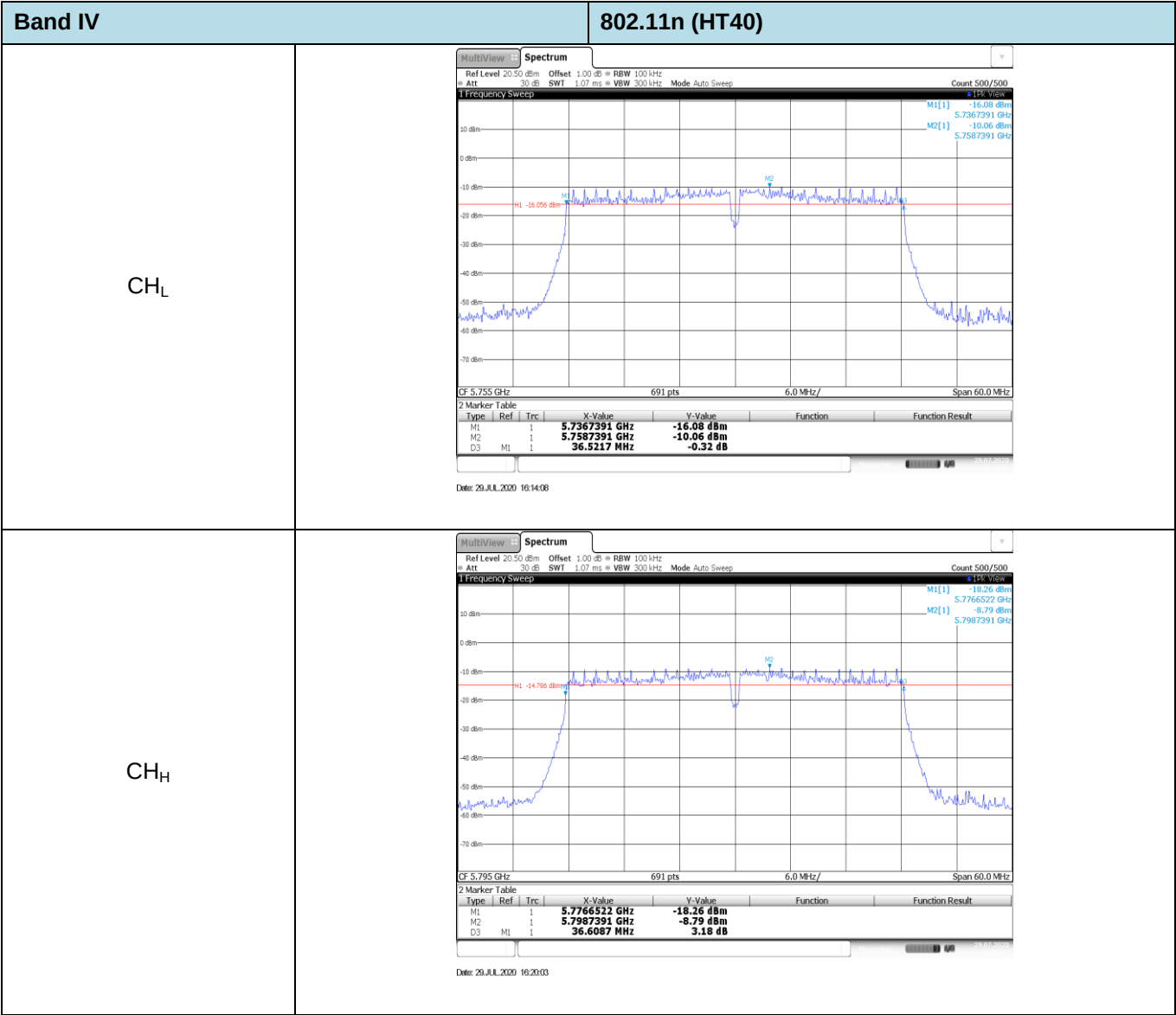
802.11ac (HT20)

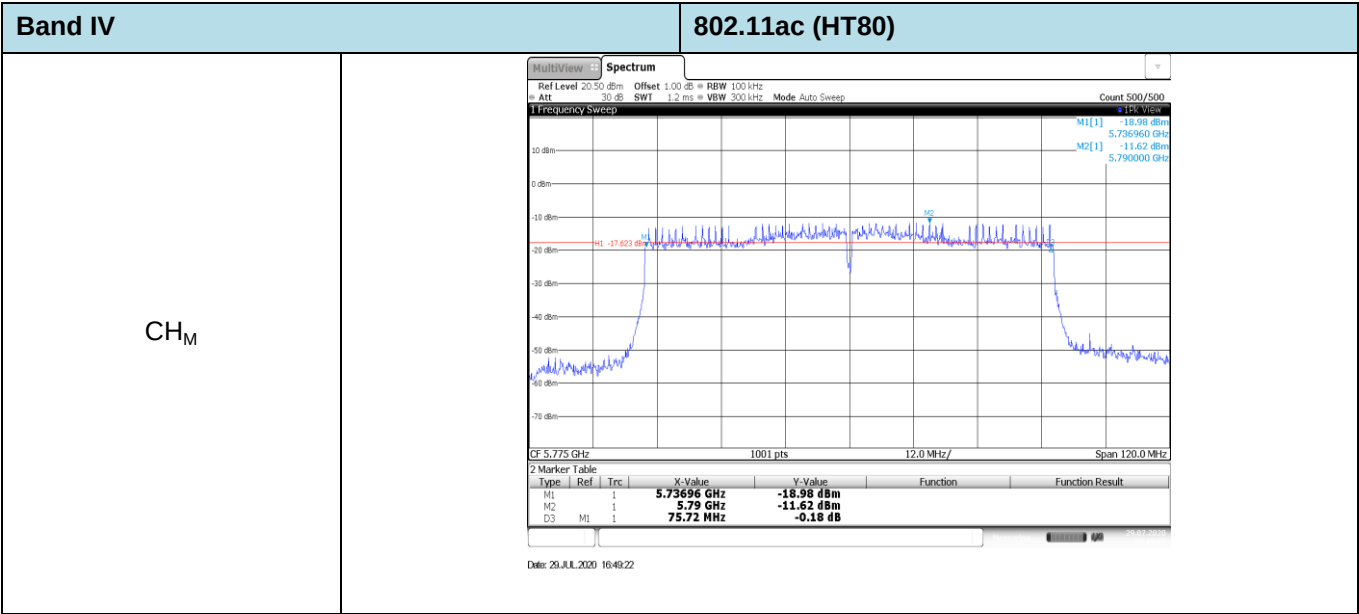
CH_LCH_MCH_H



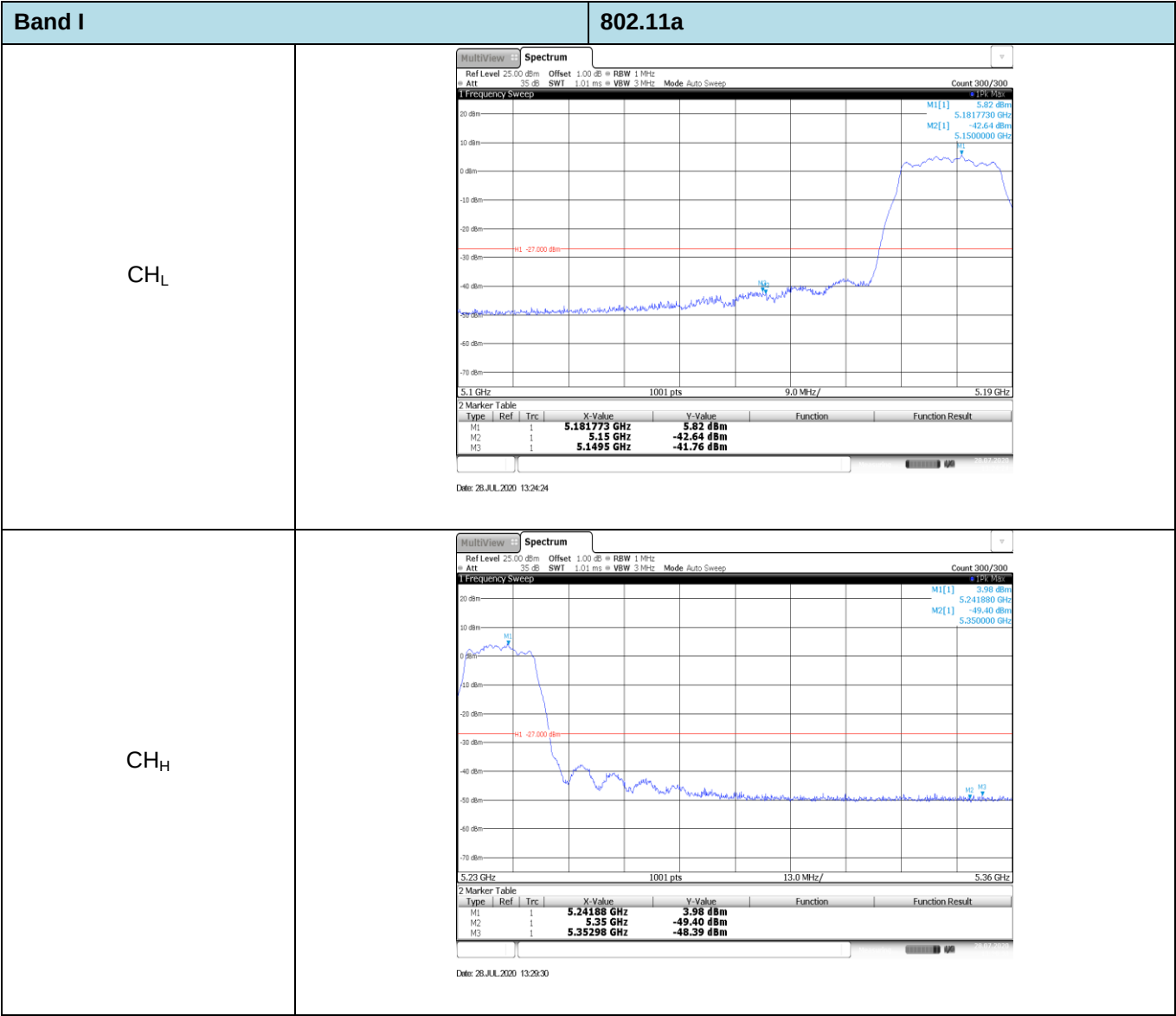


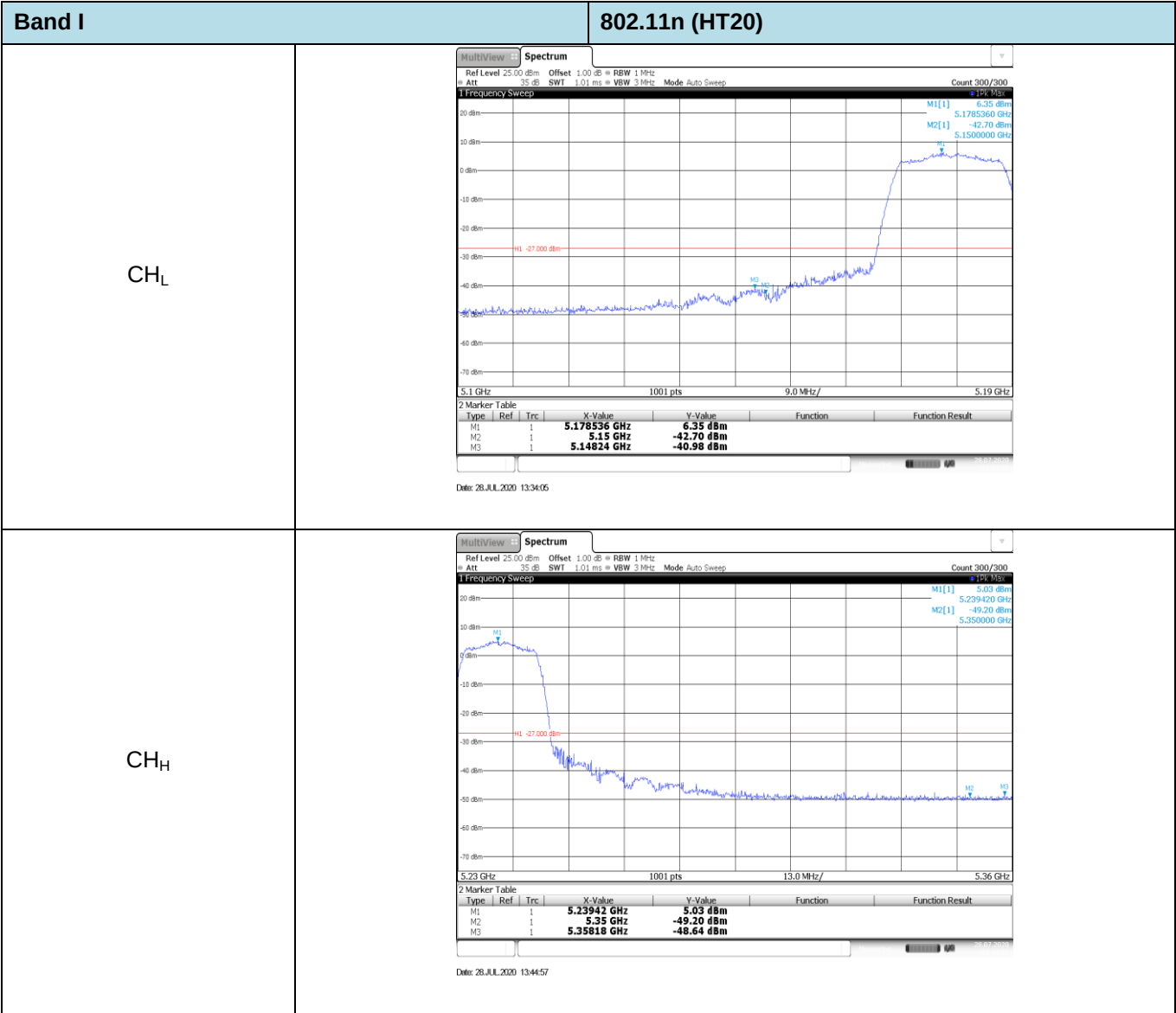


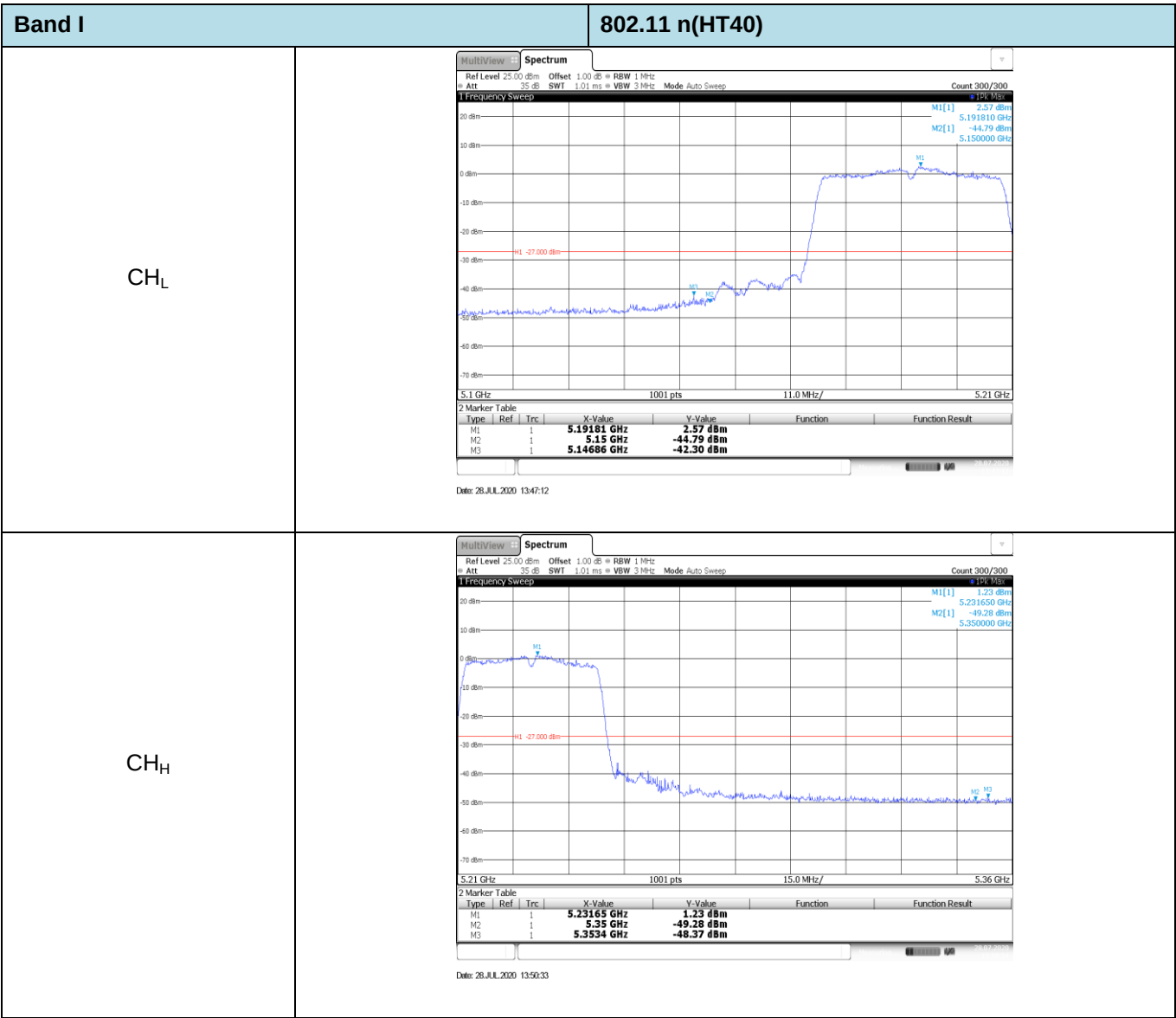




Appendix F: Band edge







Band I

802.11ac (HT20)

CH_L

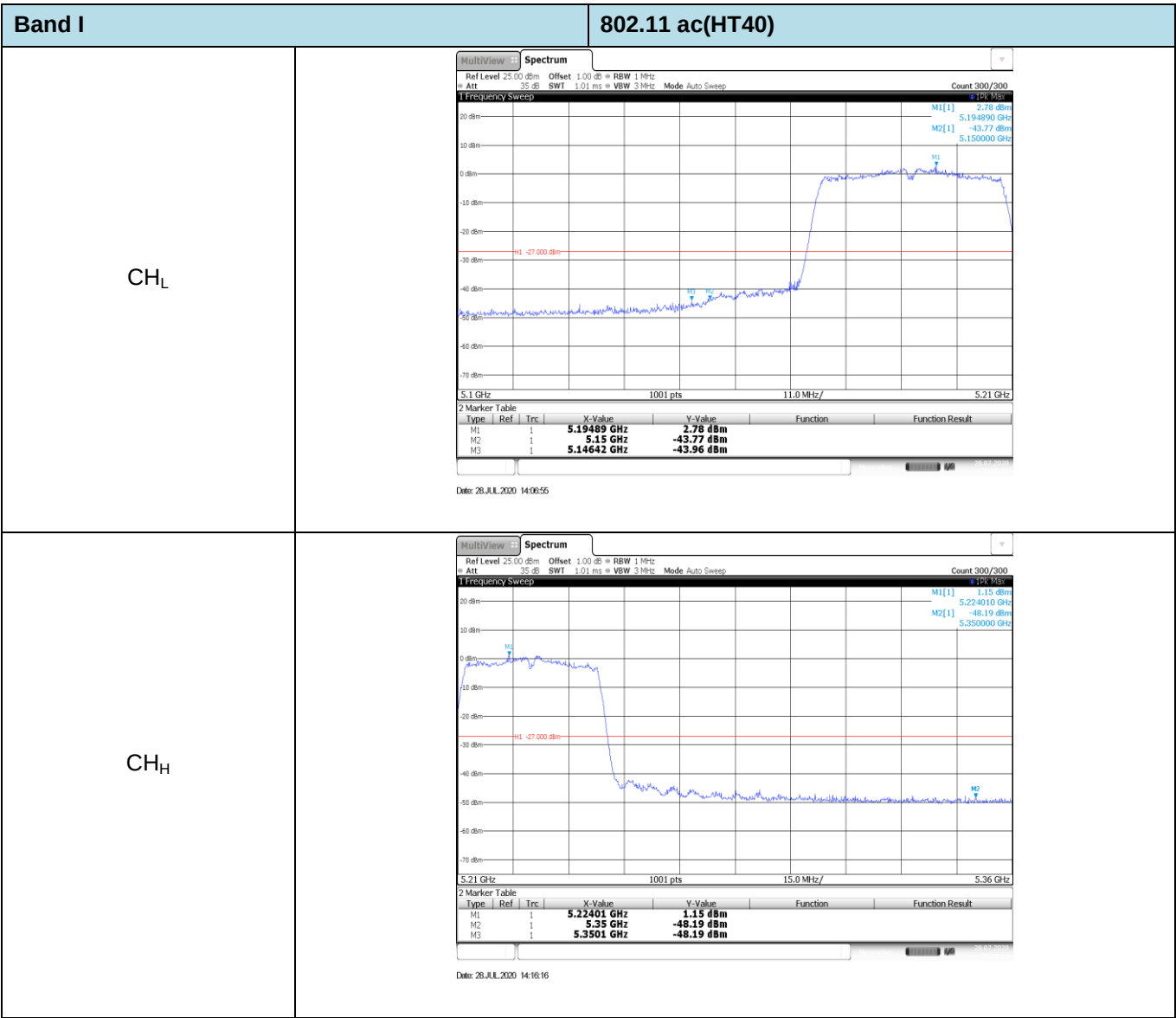
Marker Table for CH_L:

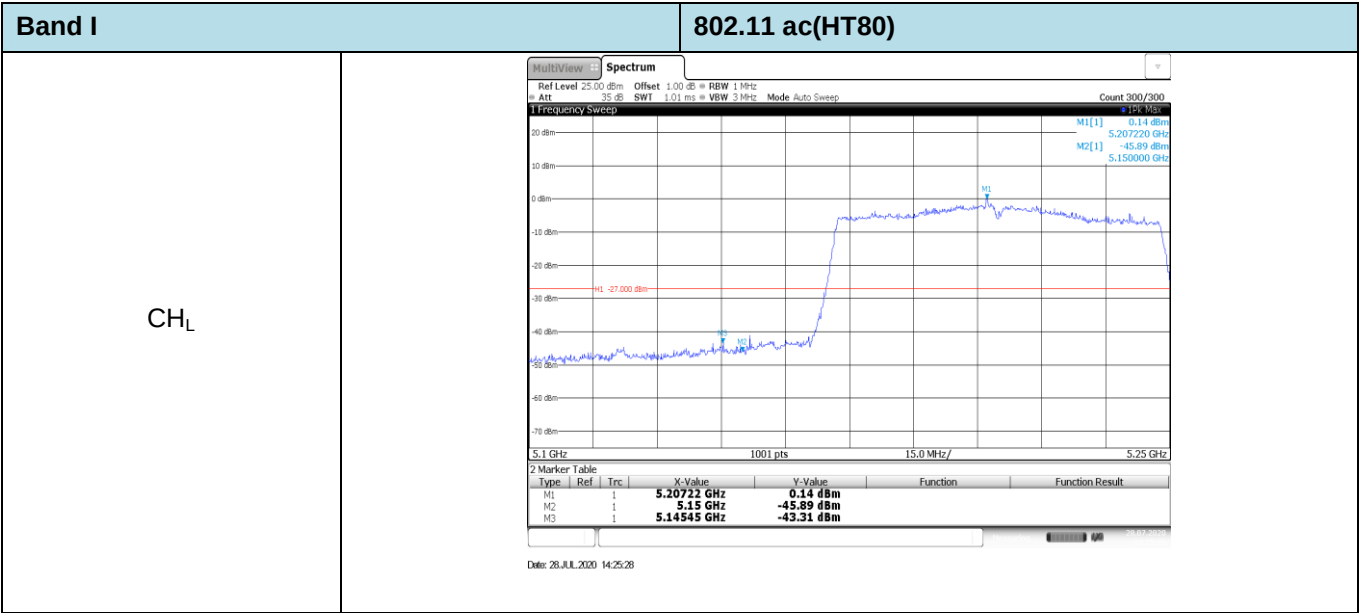
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.179256 GHz	6.70 dBm		
M2	1		5.15 GHz	-43.12 dBm		
M3	1		5.1486 GHz	-41.11 dBm		

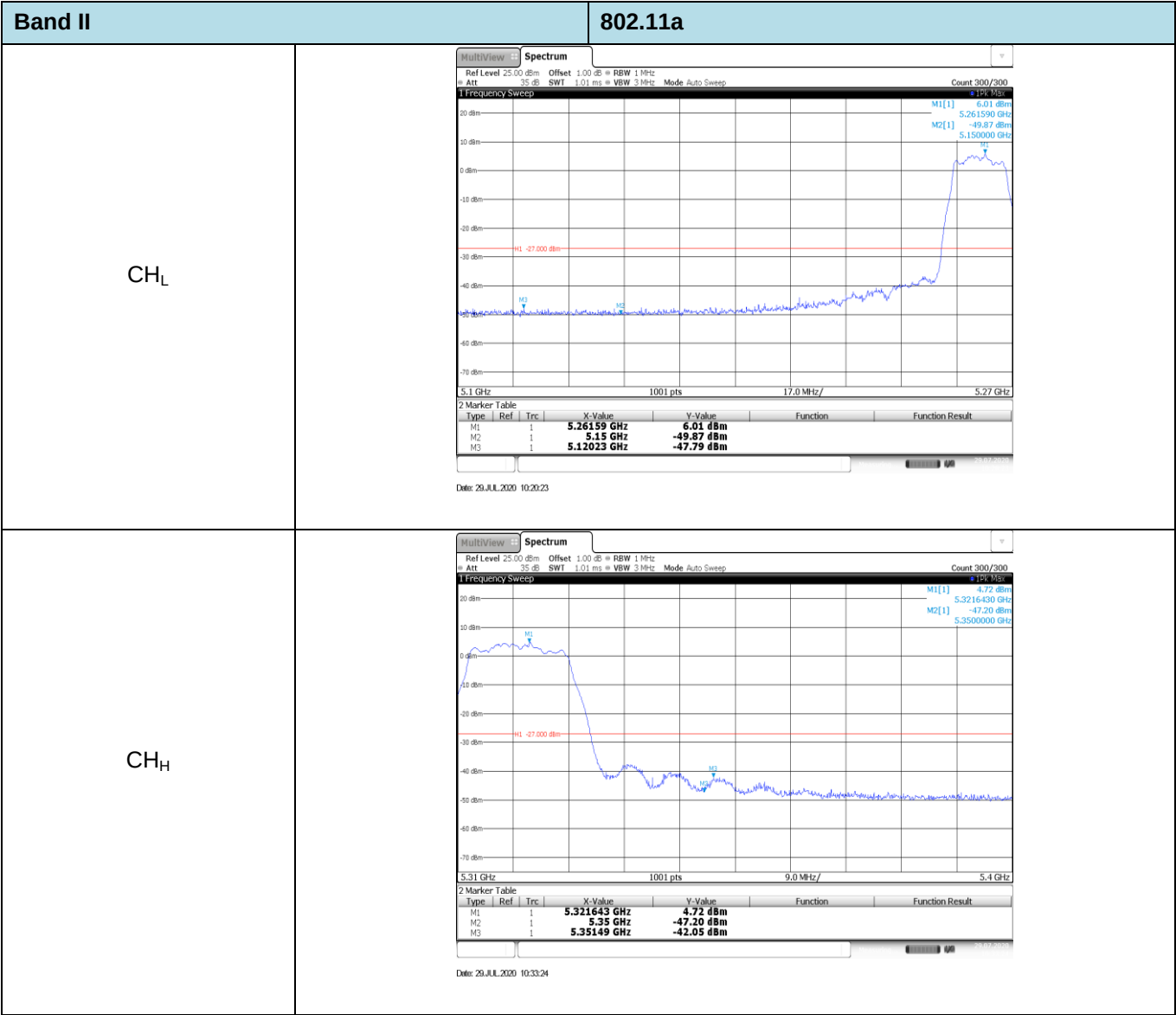
CH_H

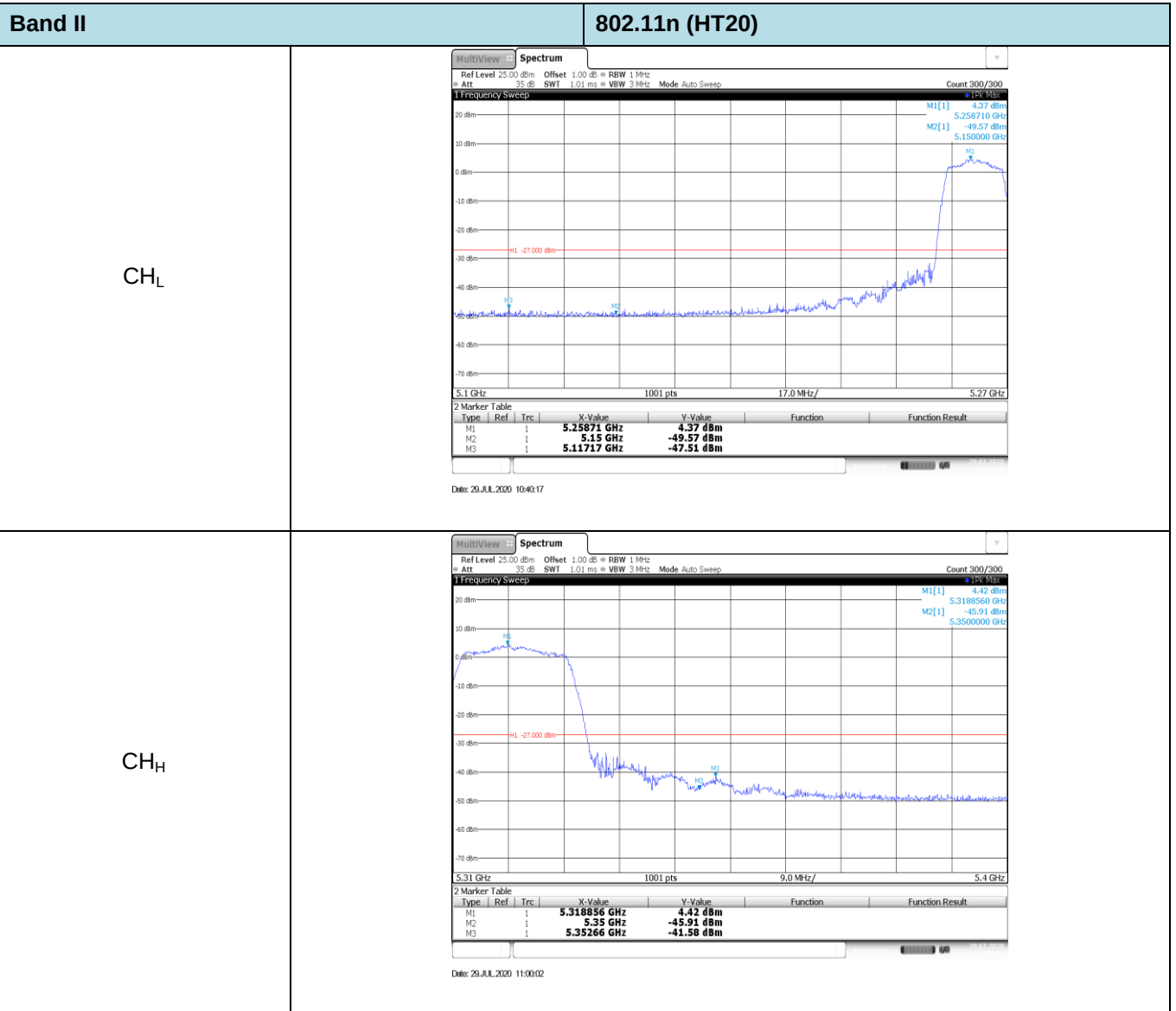
Marker Table for CH_H:

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.23864 GHz	5.07 dBm		
M2	1		5.35 GHz	-50.13 dBm		
M3	1		5.3587 GHz	-48.25 dBm		



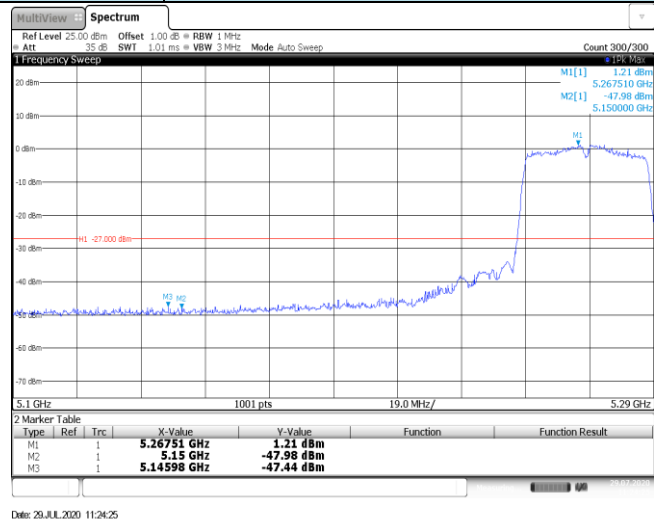
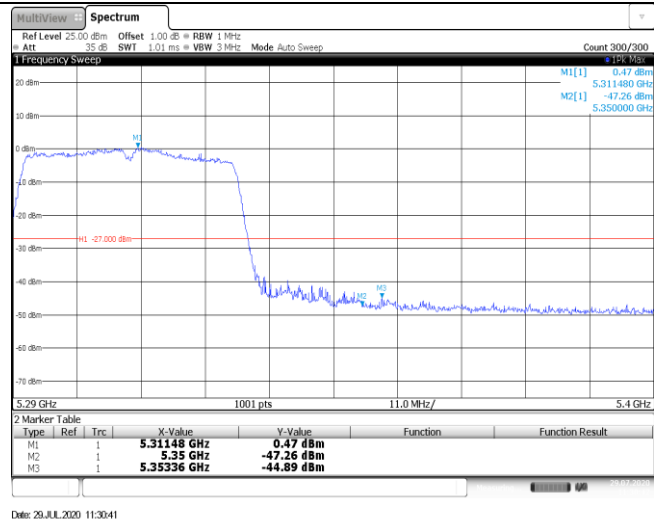


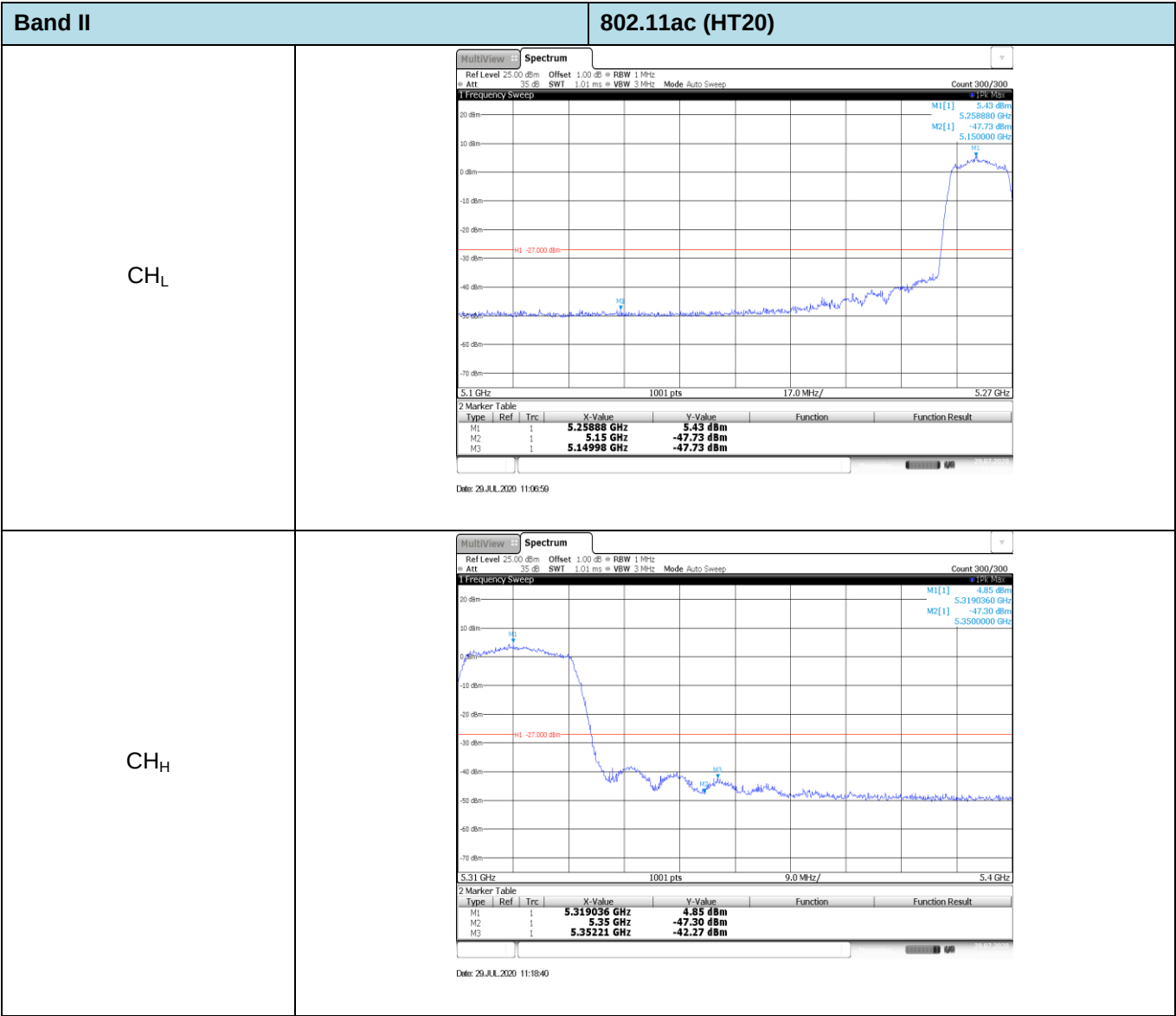


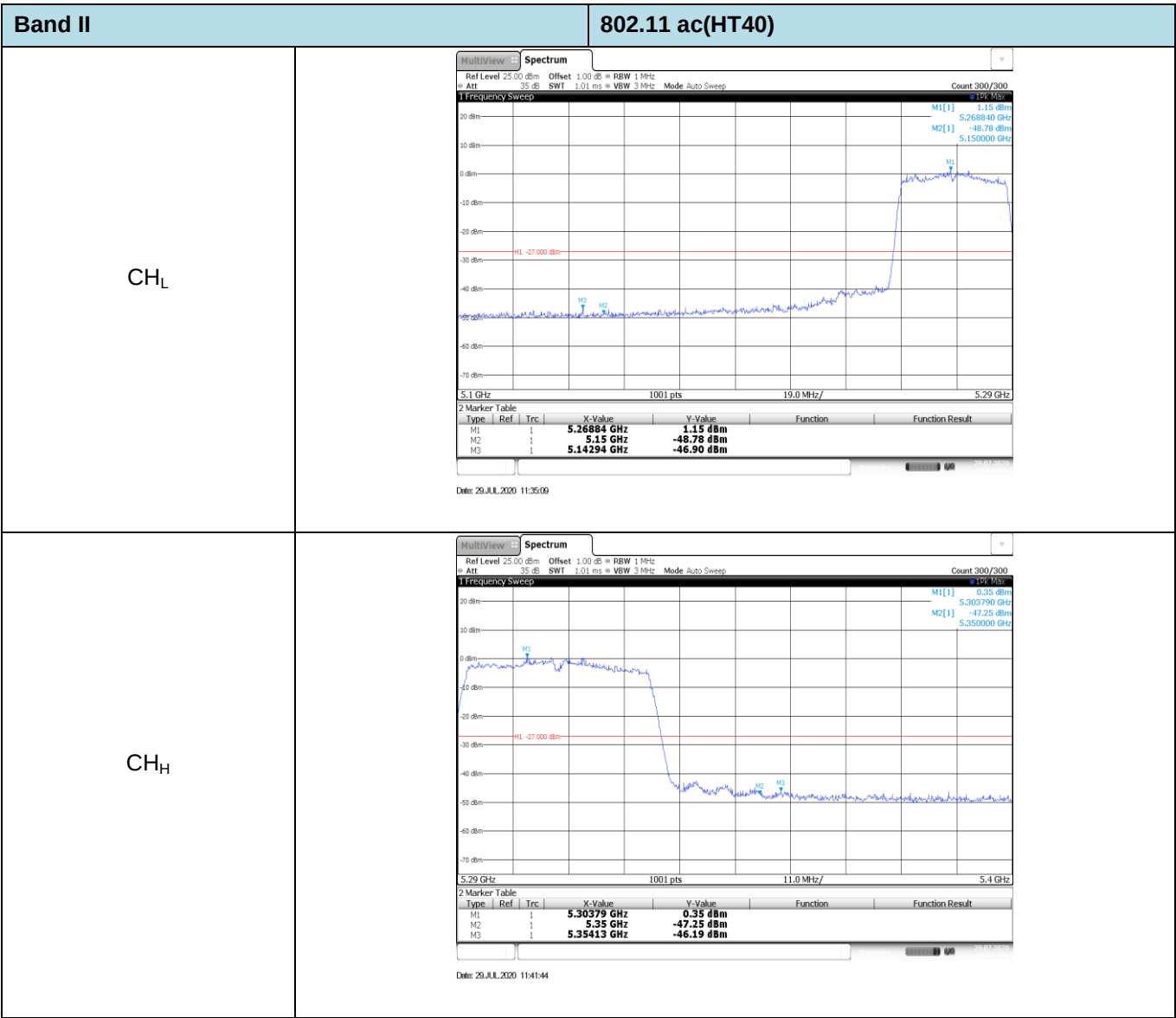


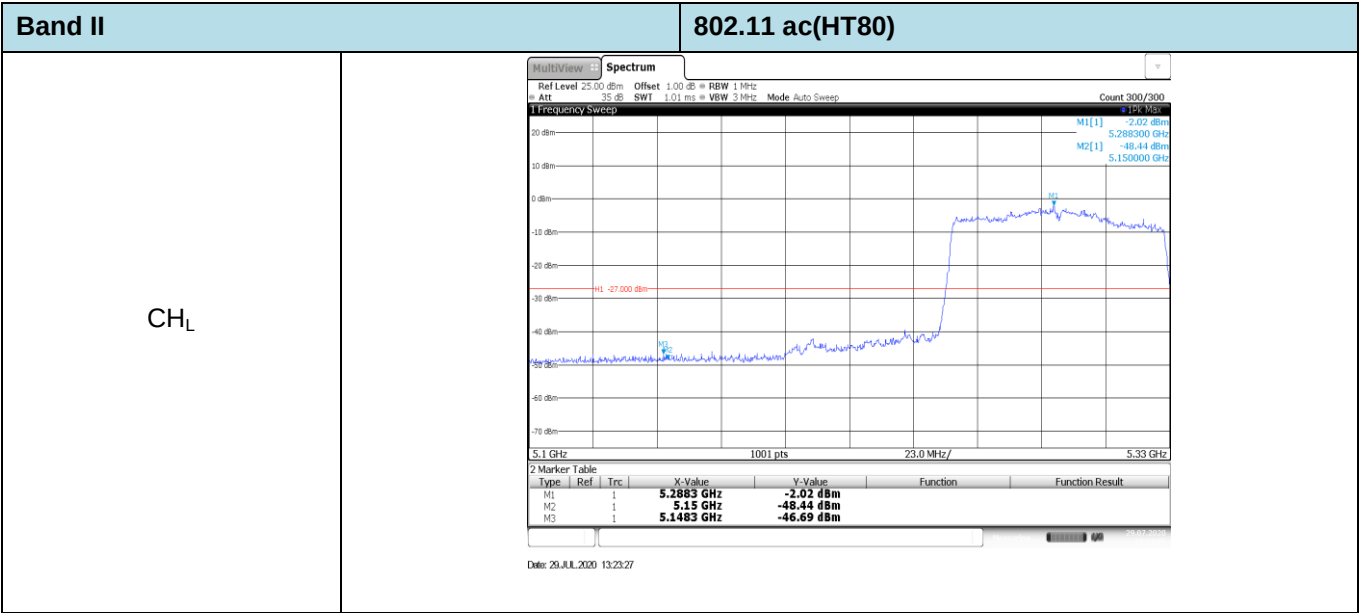
Band II

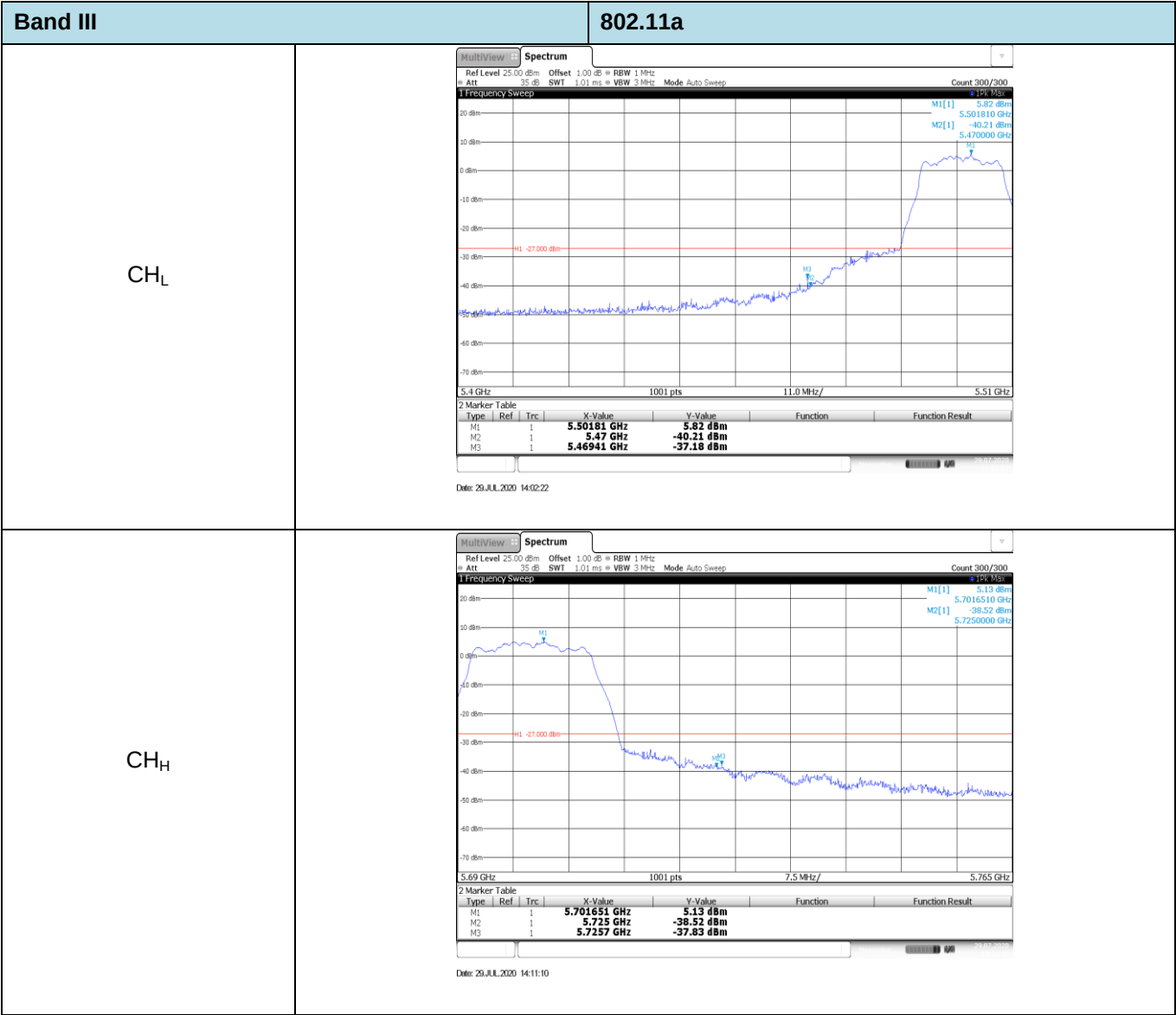
802.11 n(HT40)

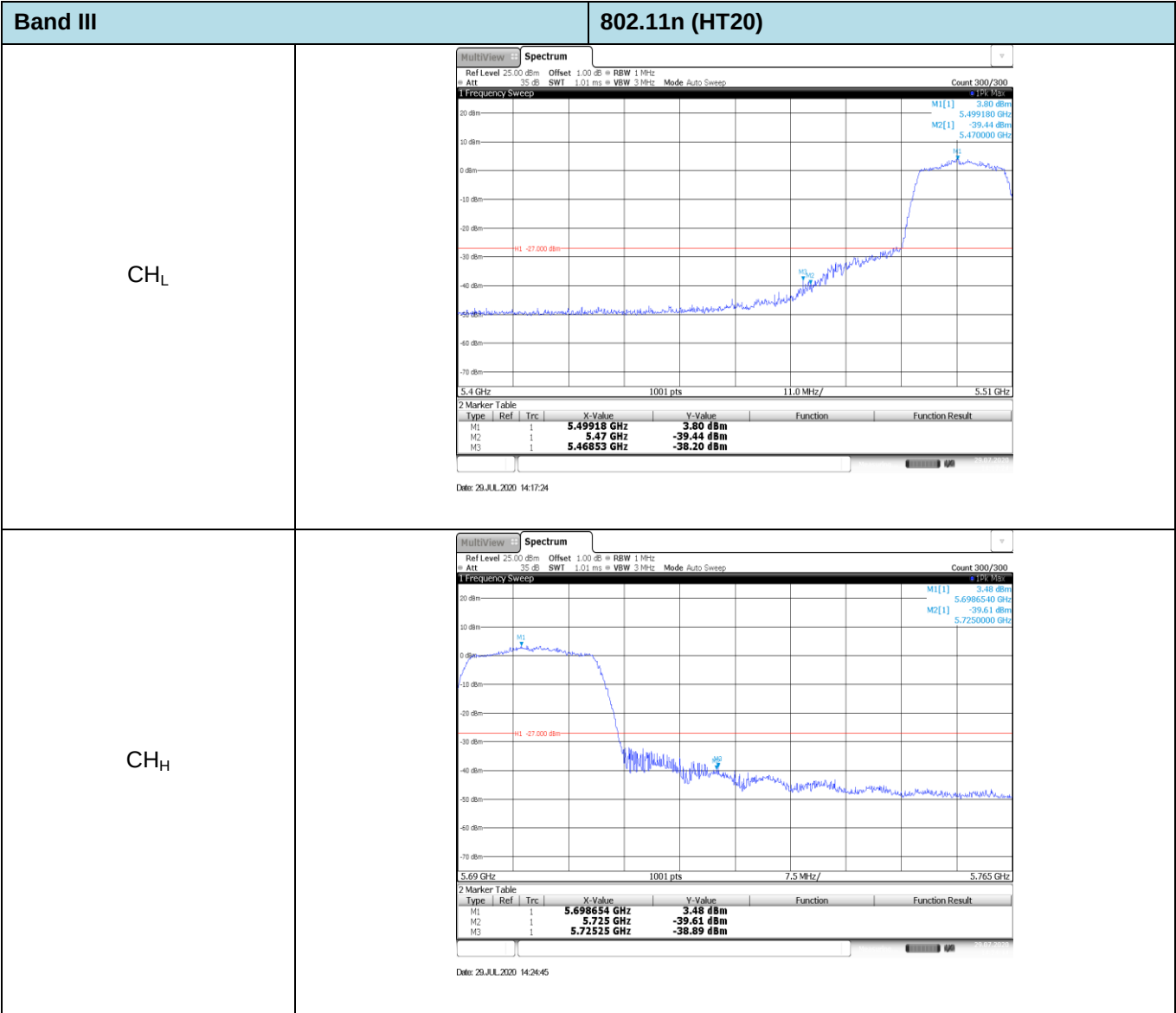
$$\text{CH}_L$$

$$\text{CH}_H$$


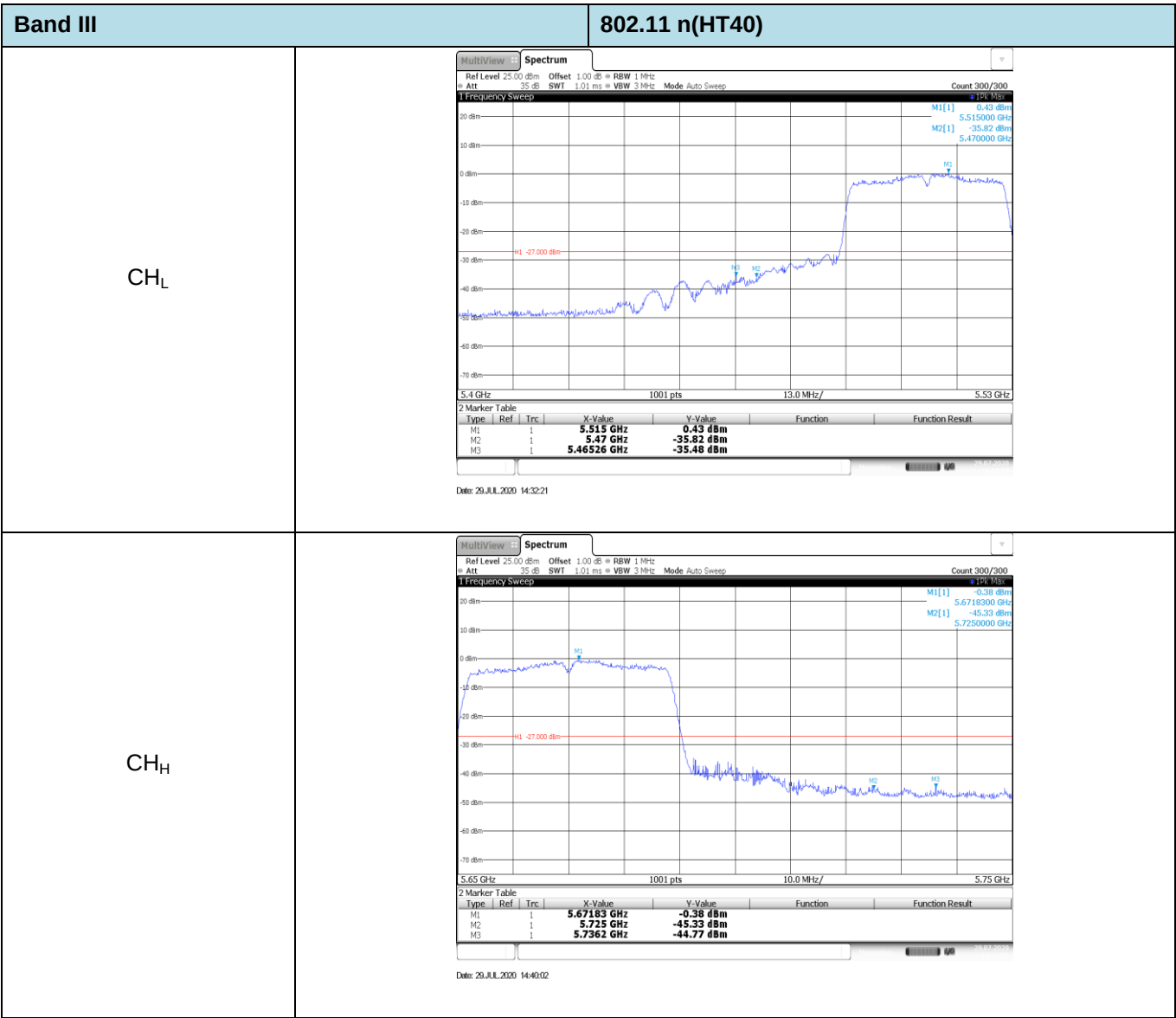


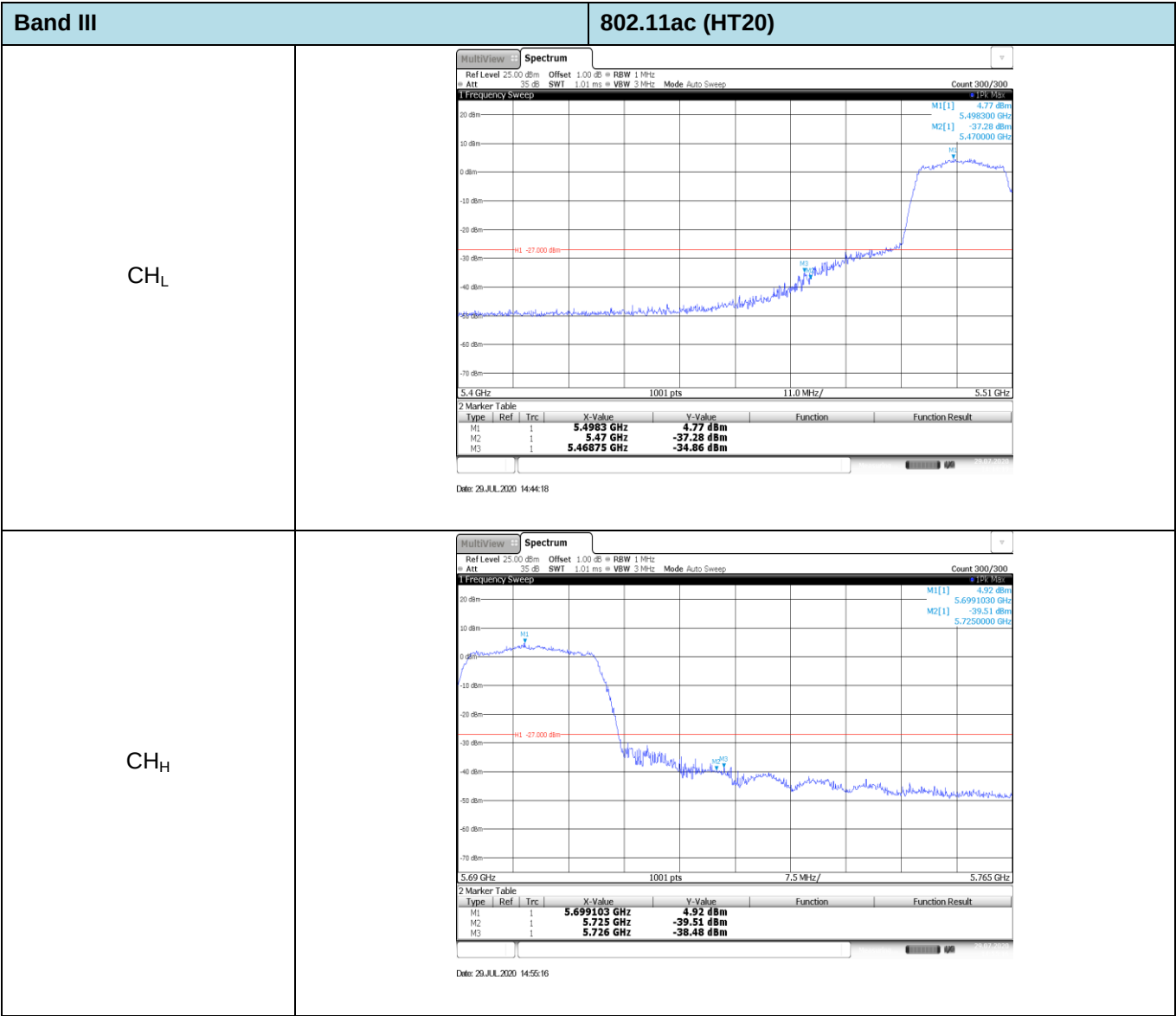


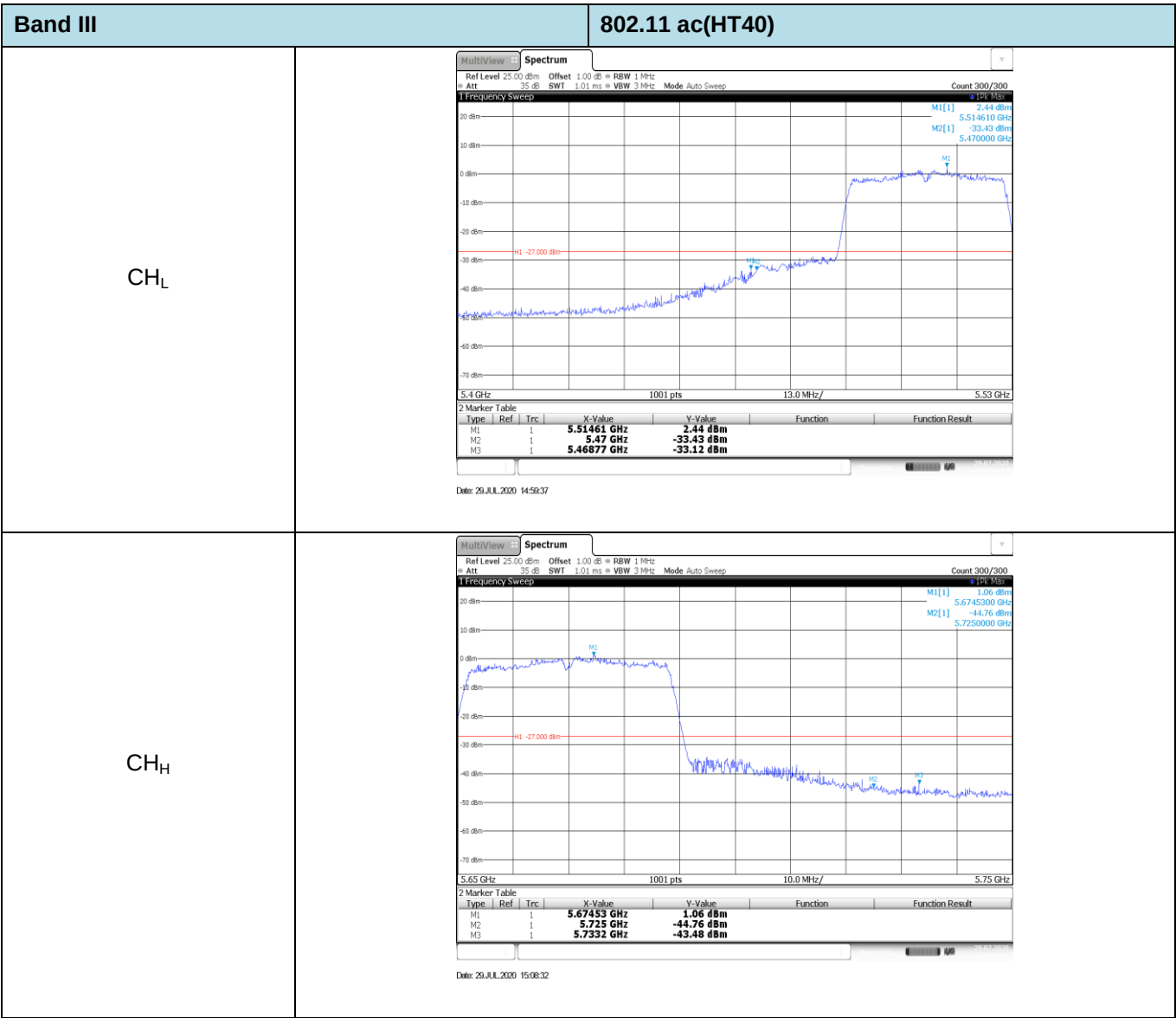


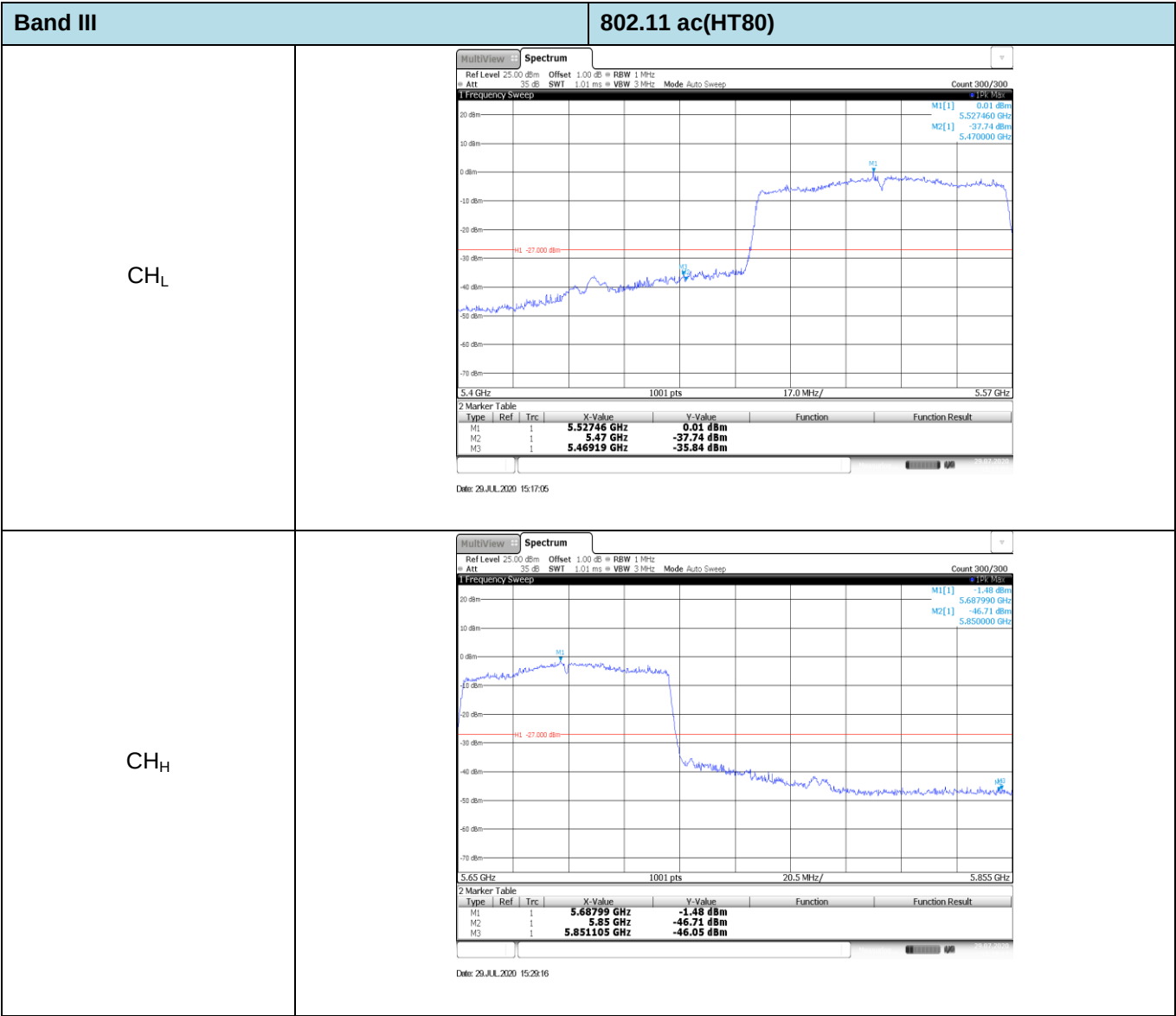


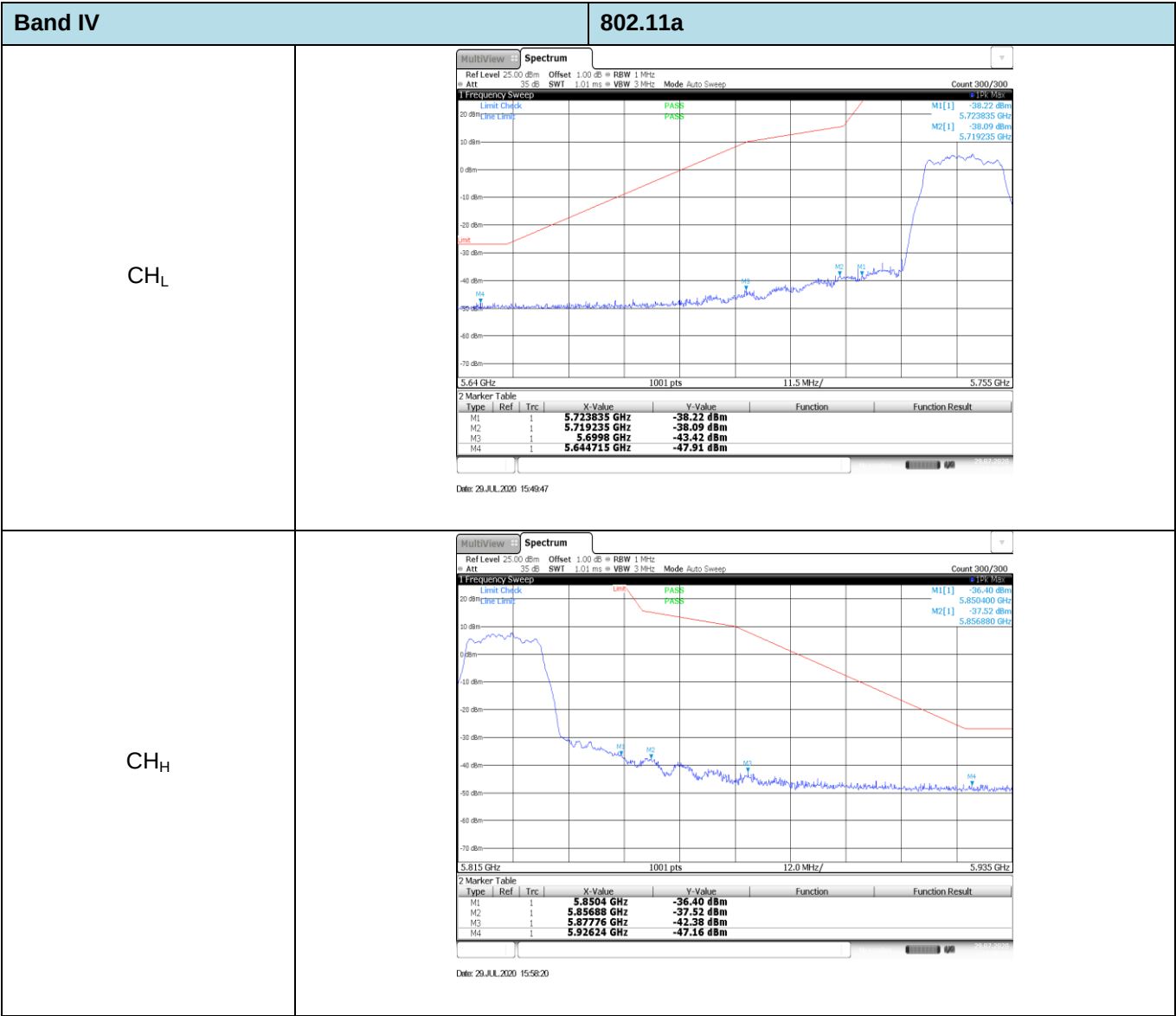


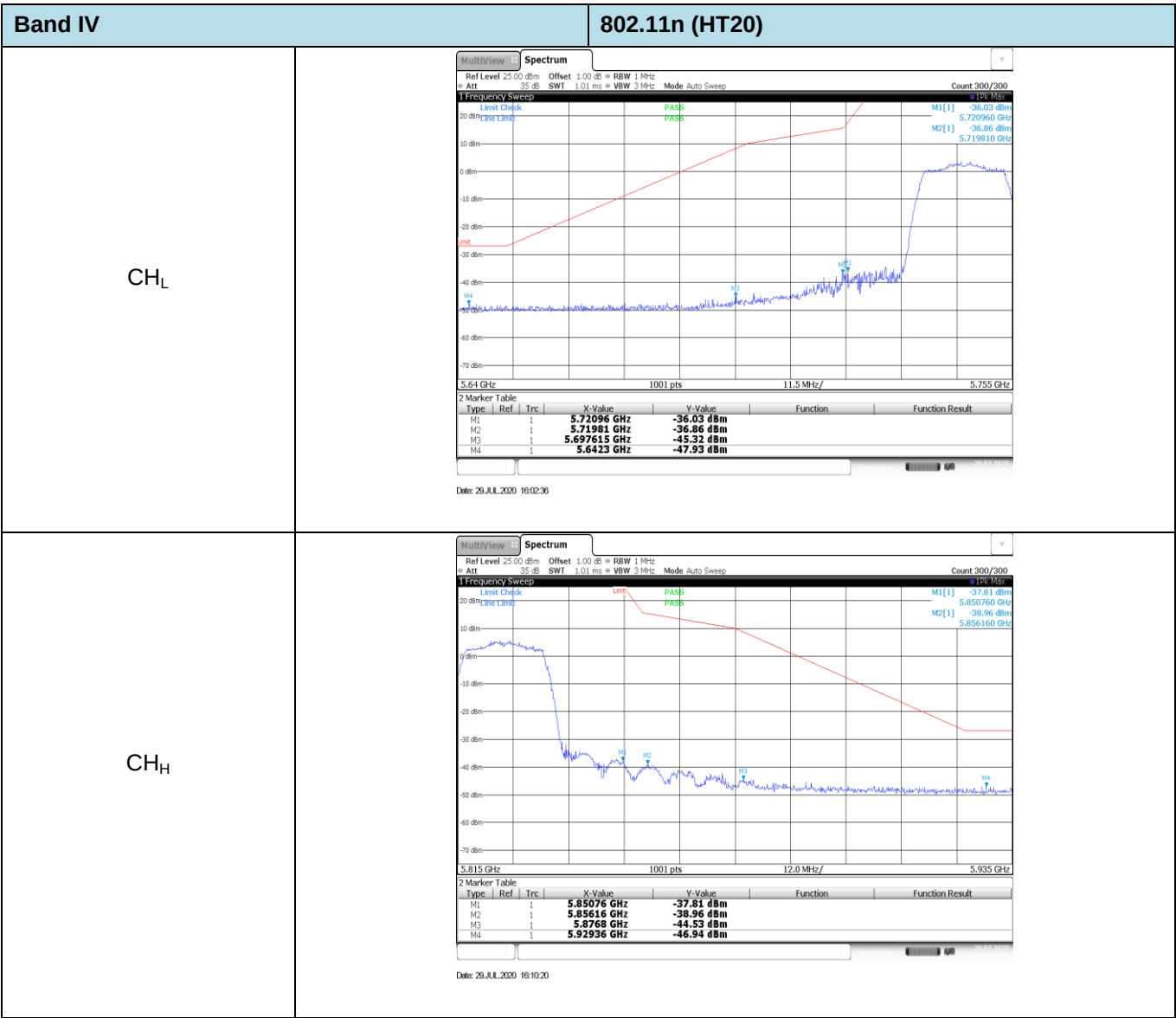


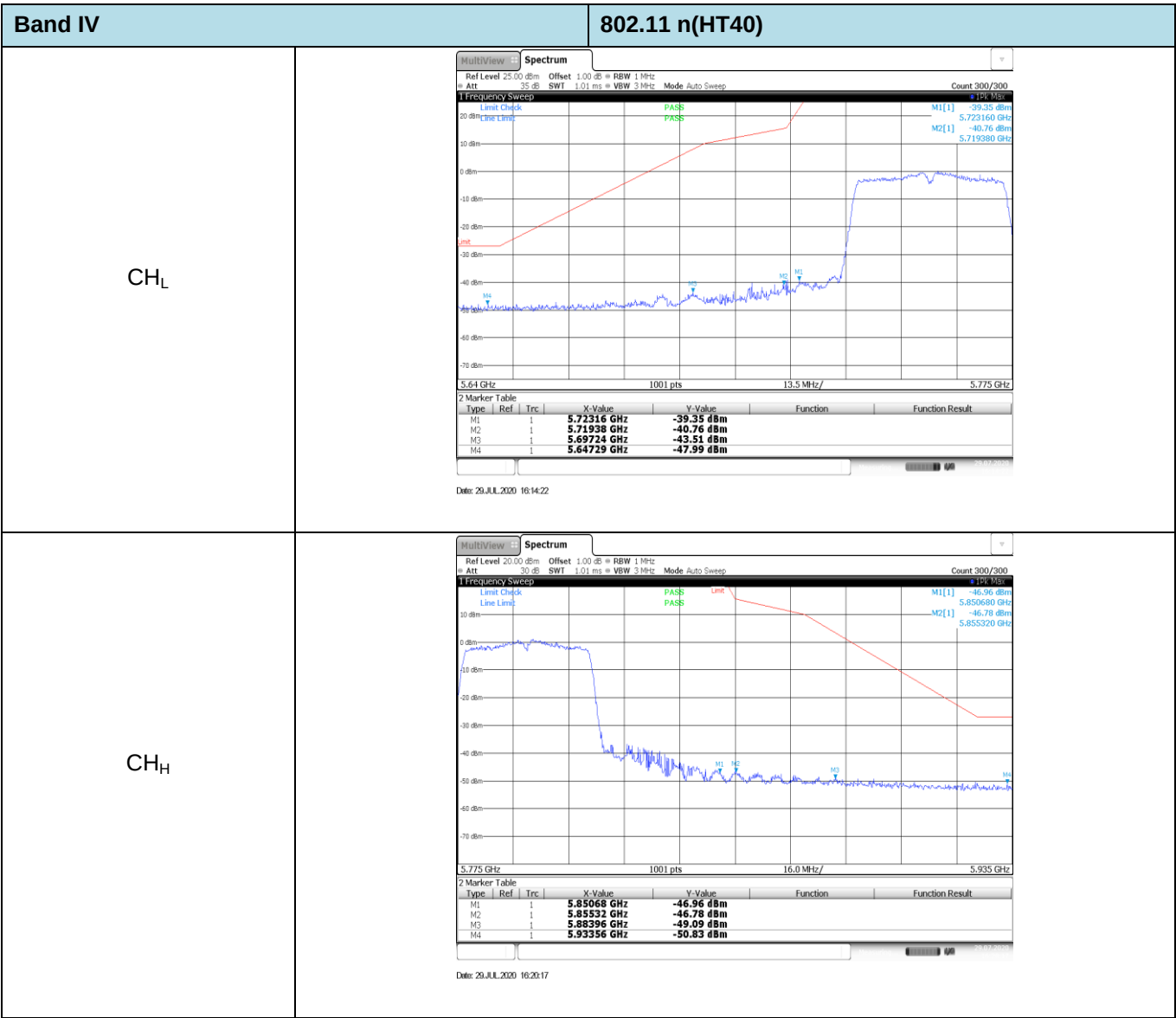






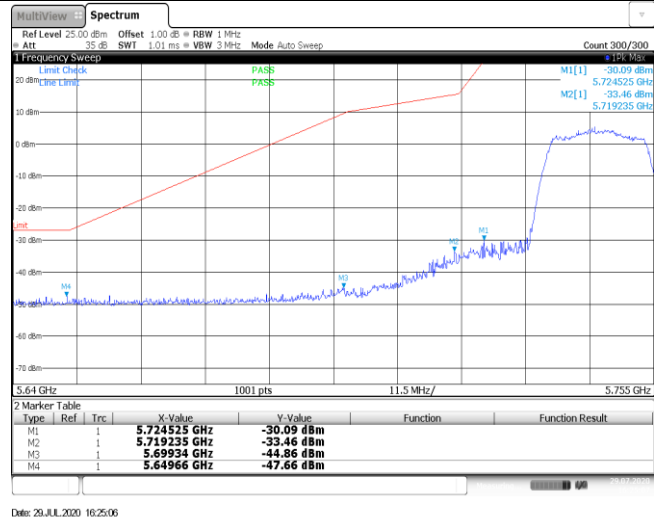




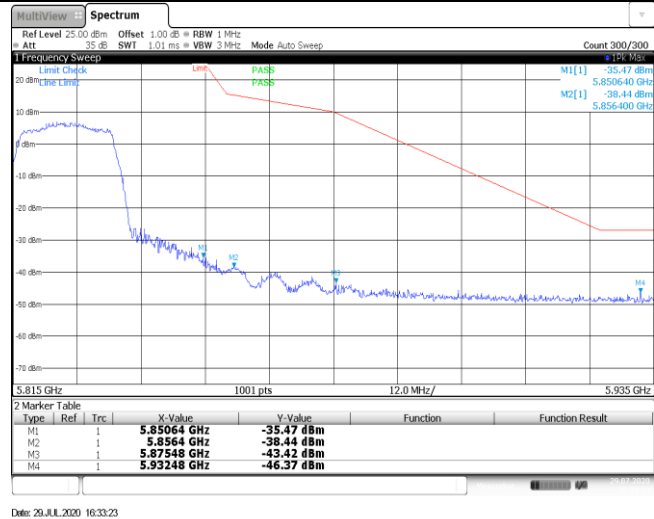


Band IV

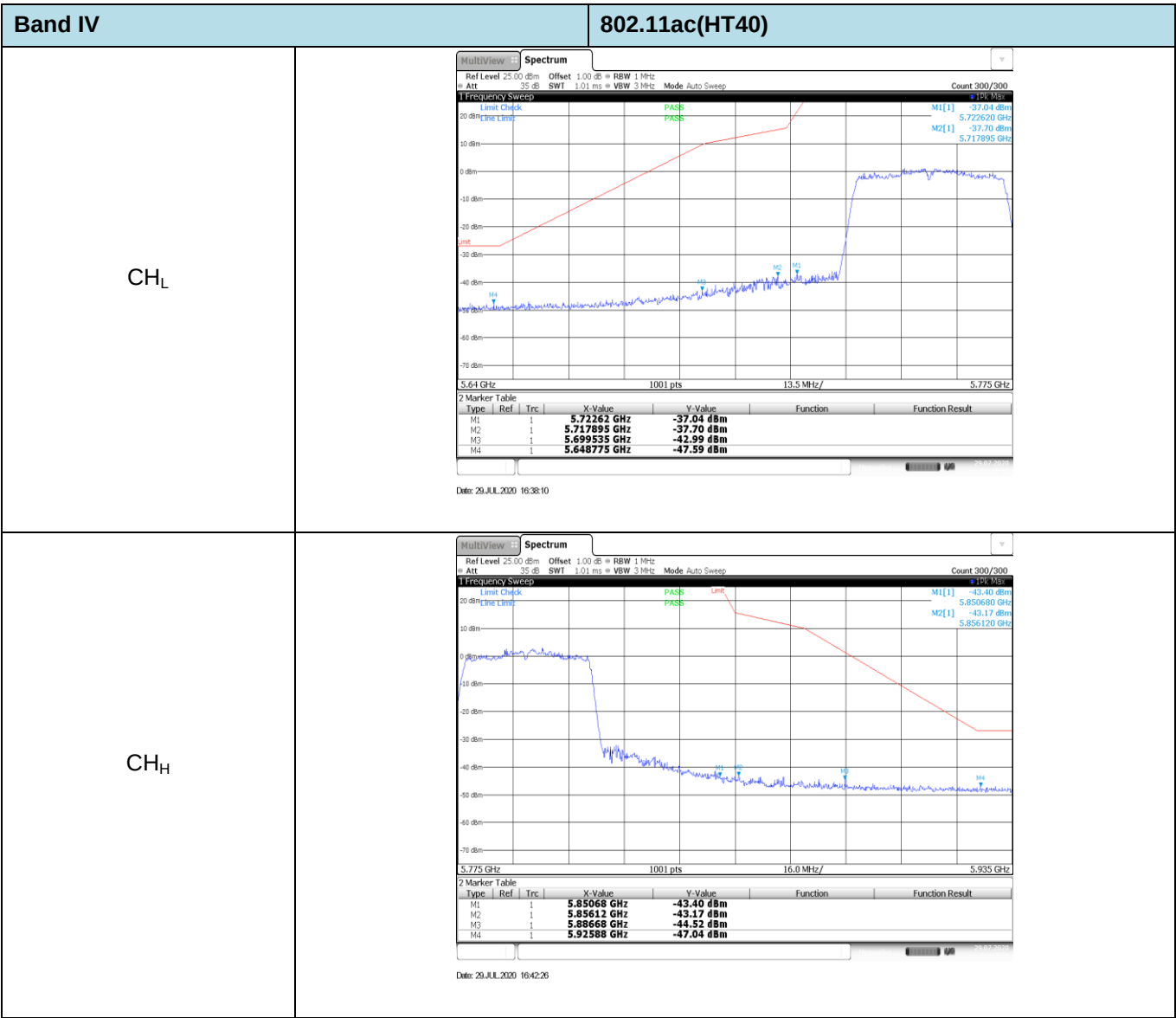
802.11ac(HT20)

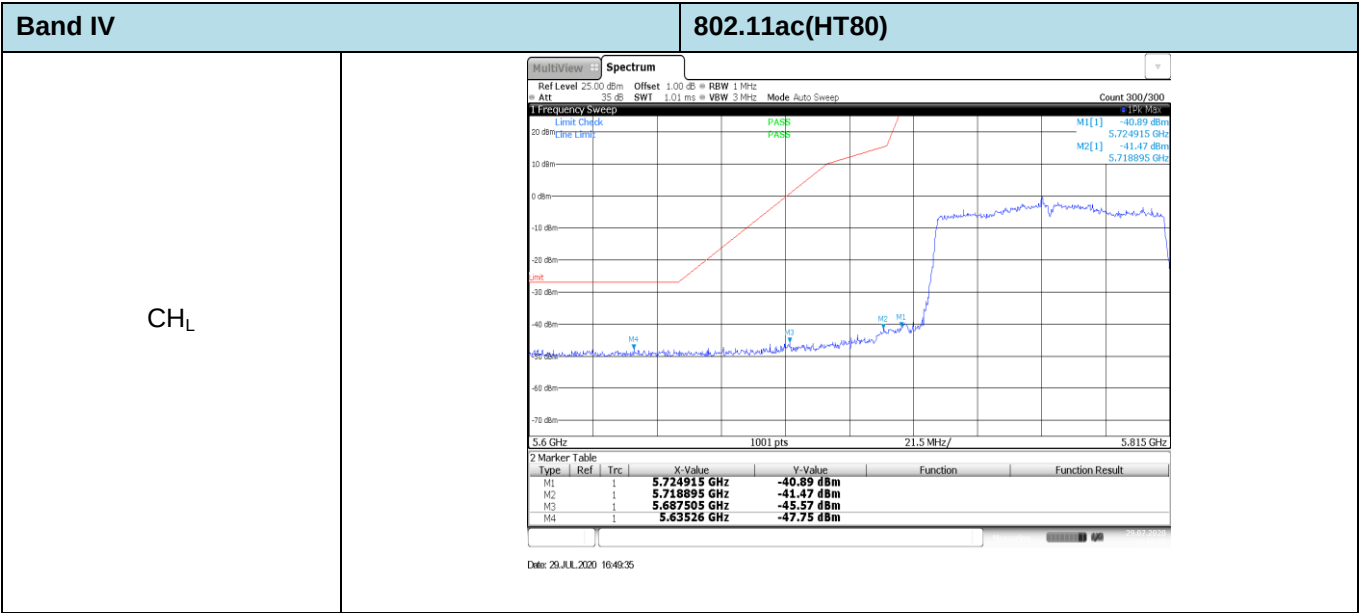
$$\text{CH}_L$$


Date: 29.JUL.2020 16:25:06

$$\text{CH}_H$$


Date: 29.JUL.2020 16:33:23





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-----