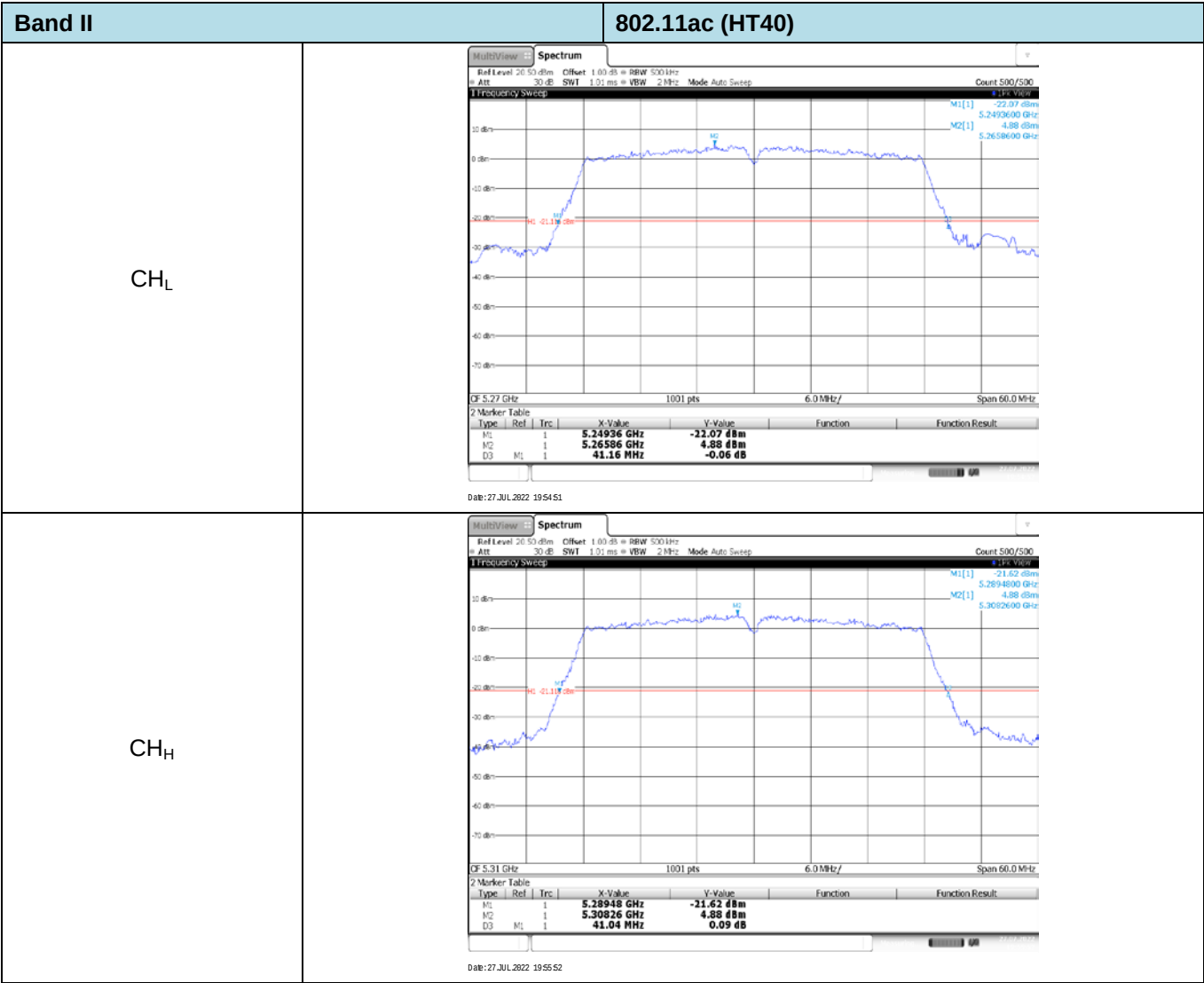
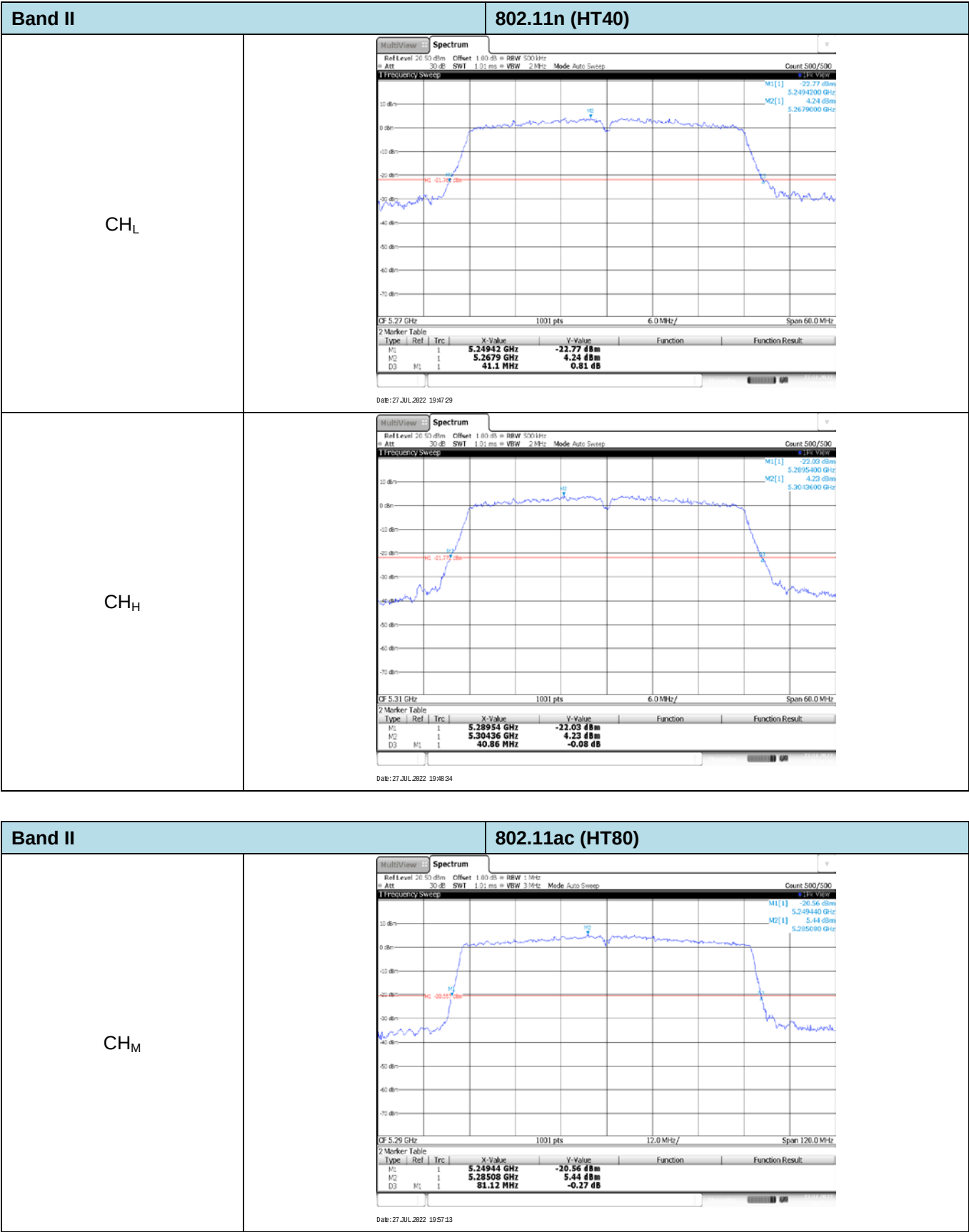
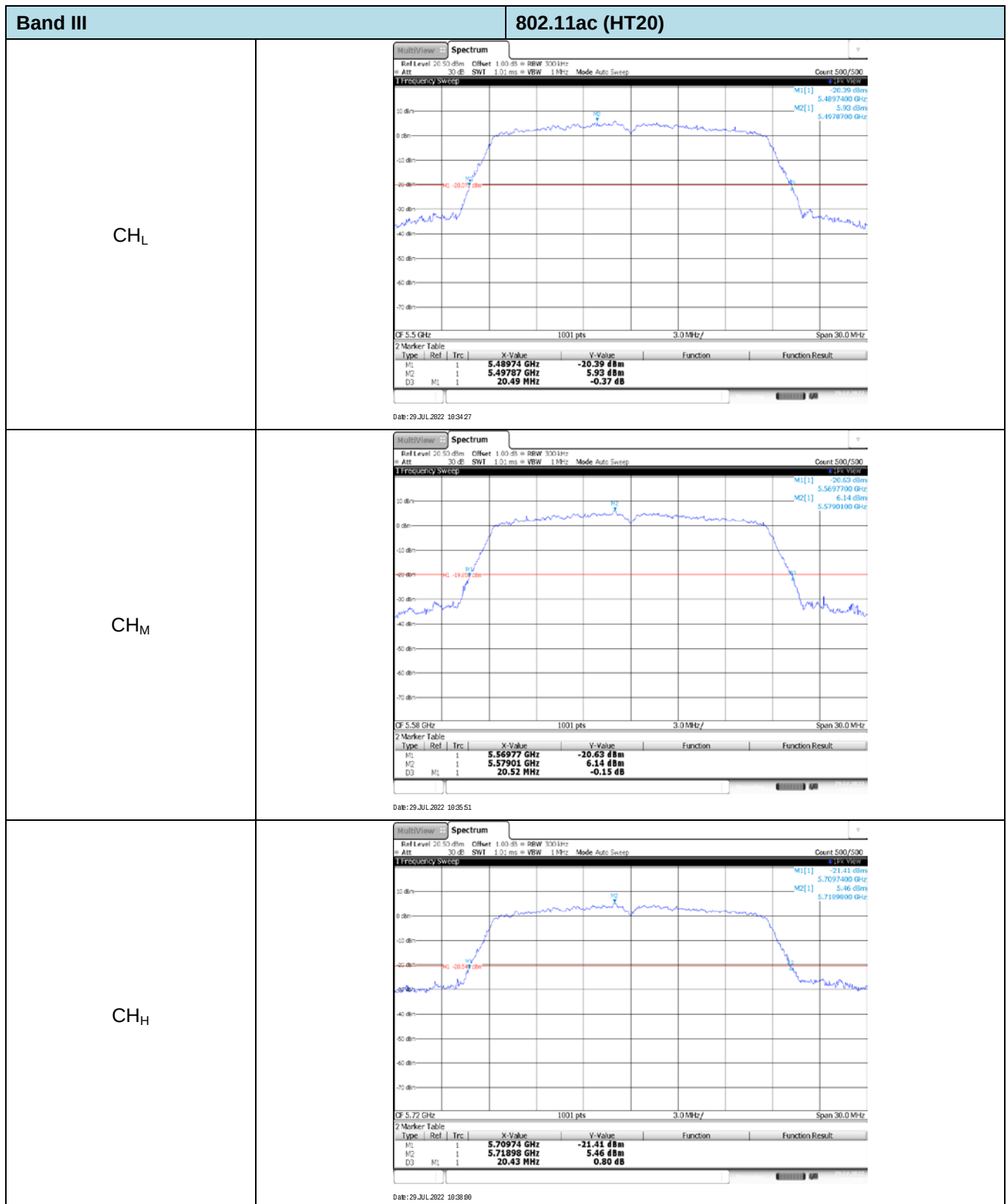


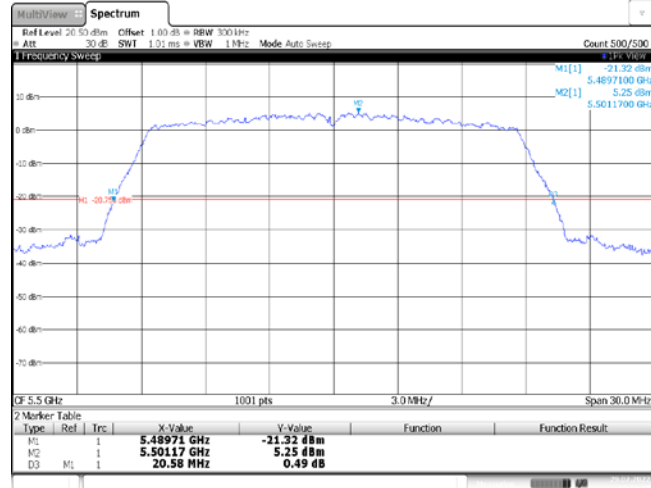




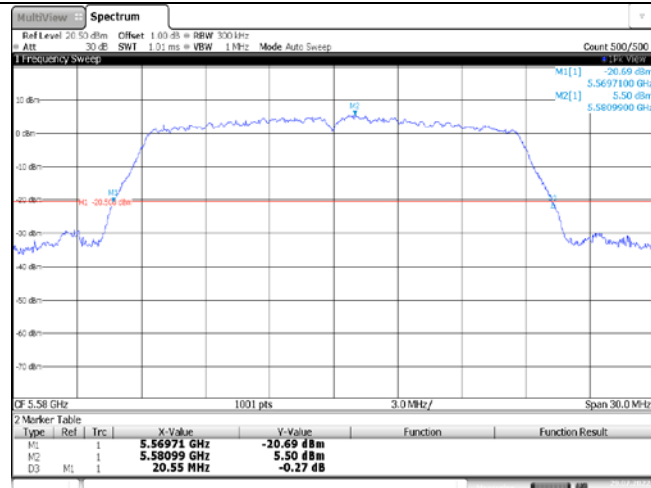


Band III

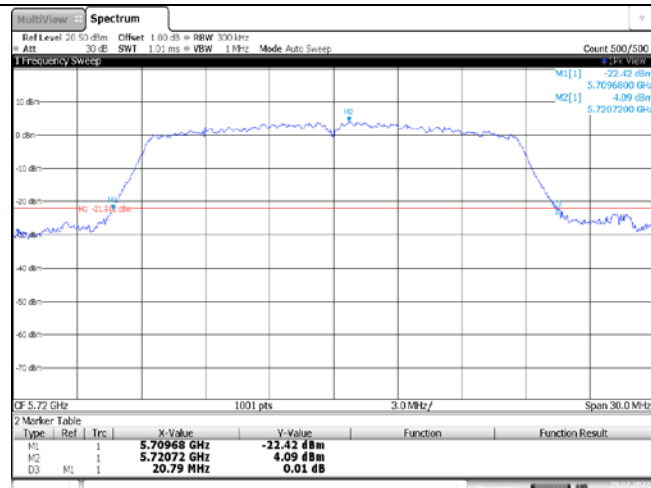
802.11n (HT20)

CH_L

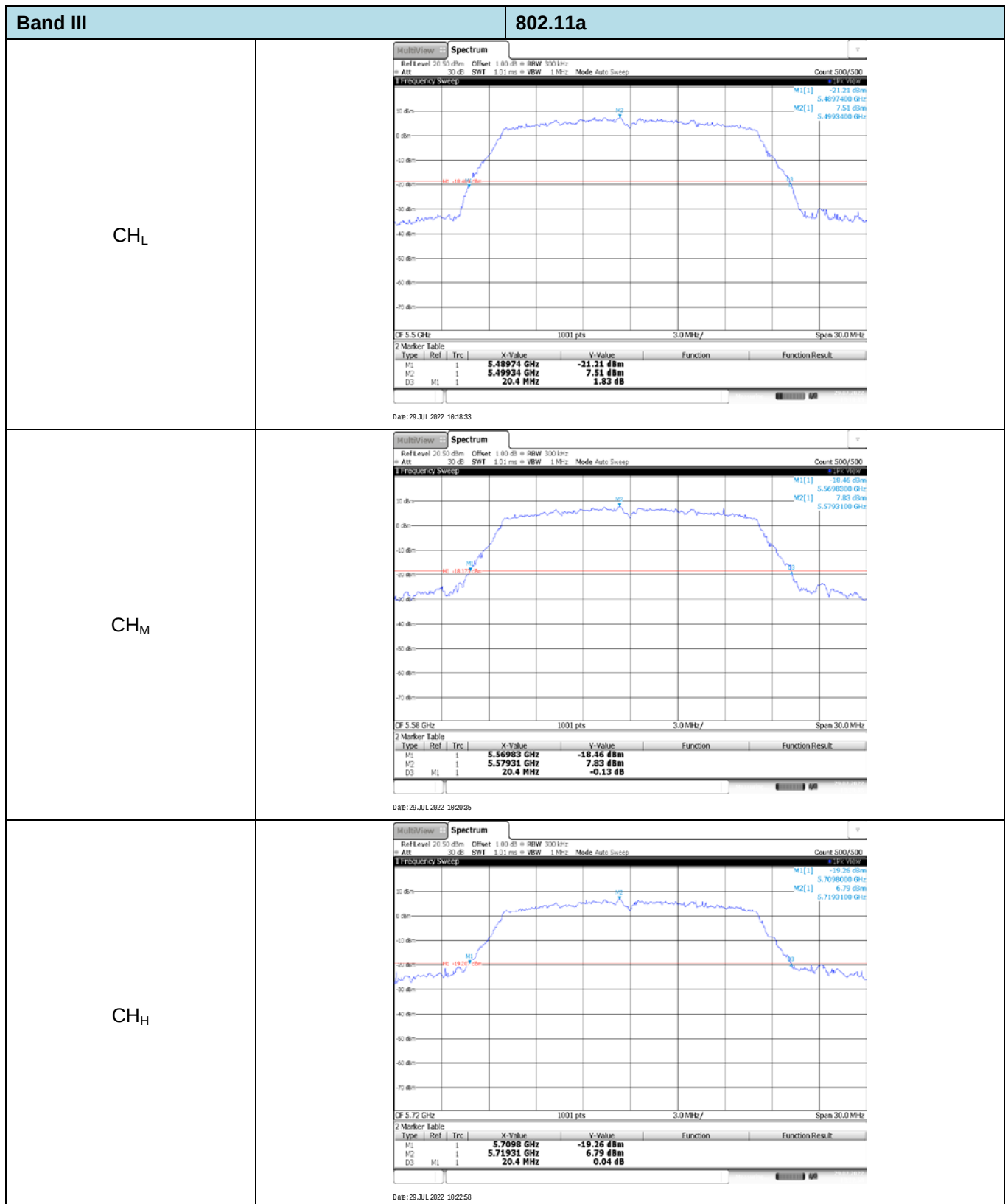
Date:29.JUL.2022 19:24:17

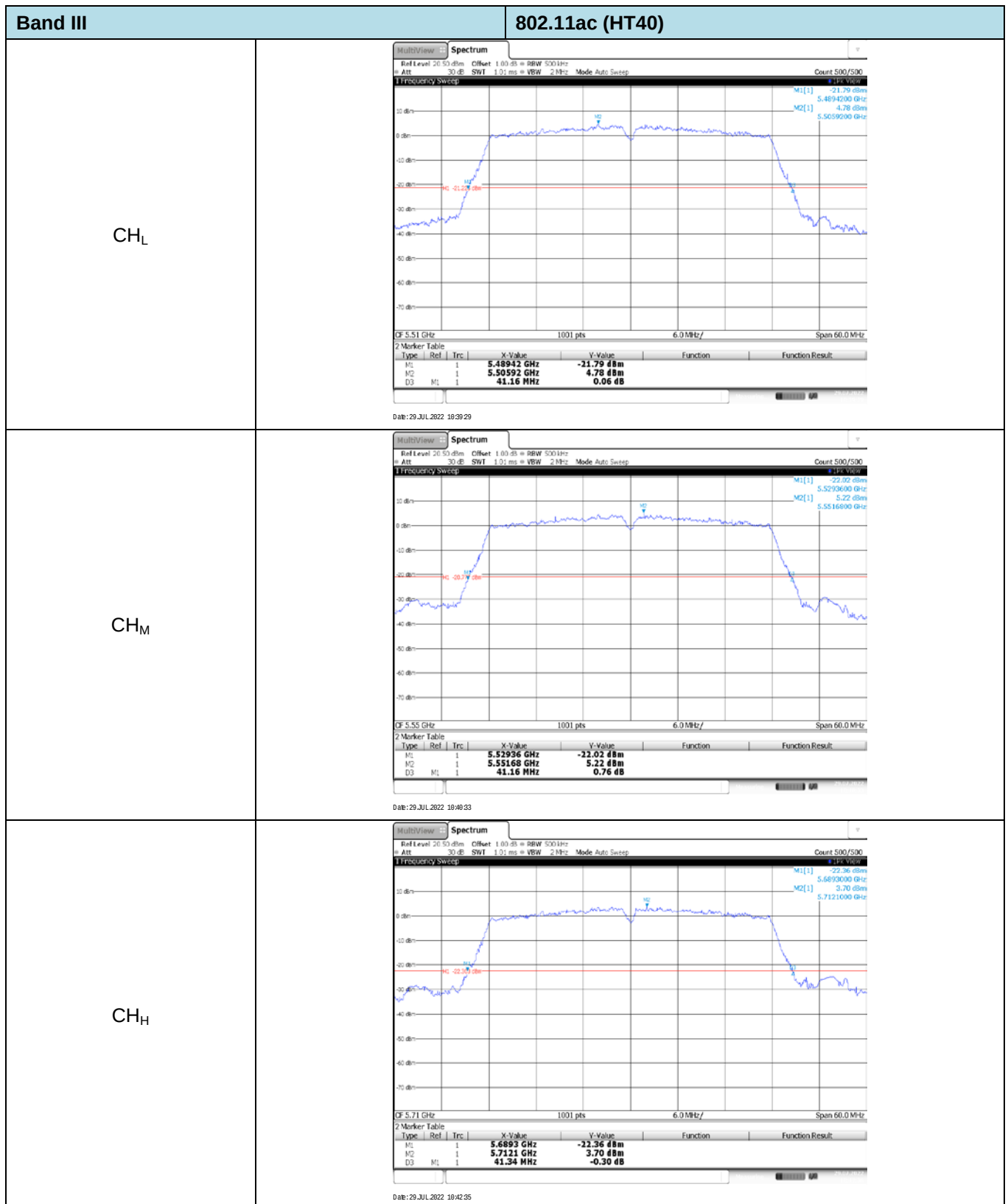
CH_M

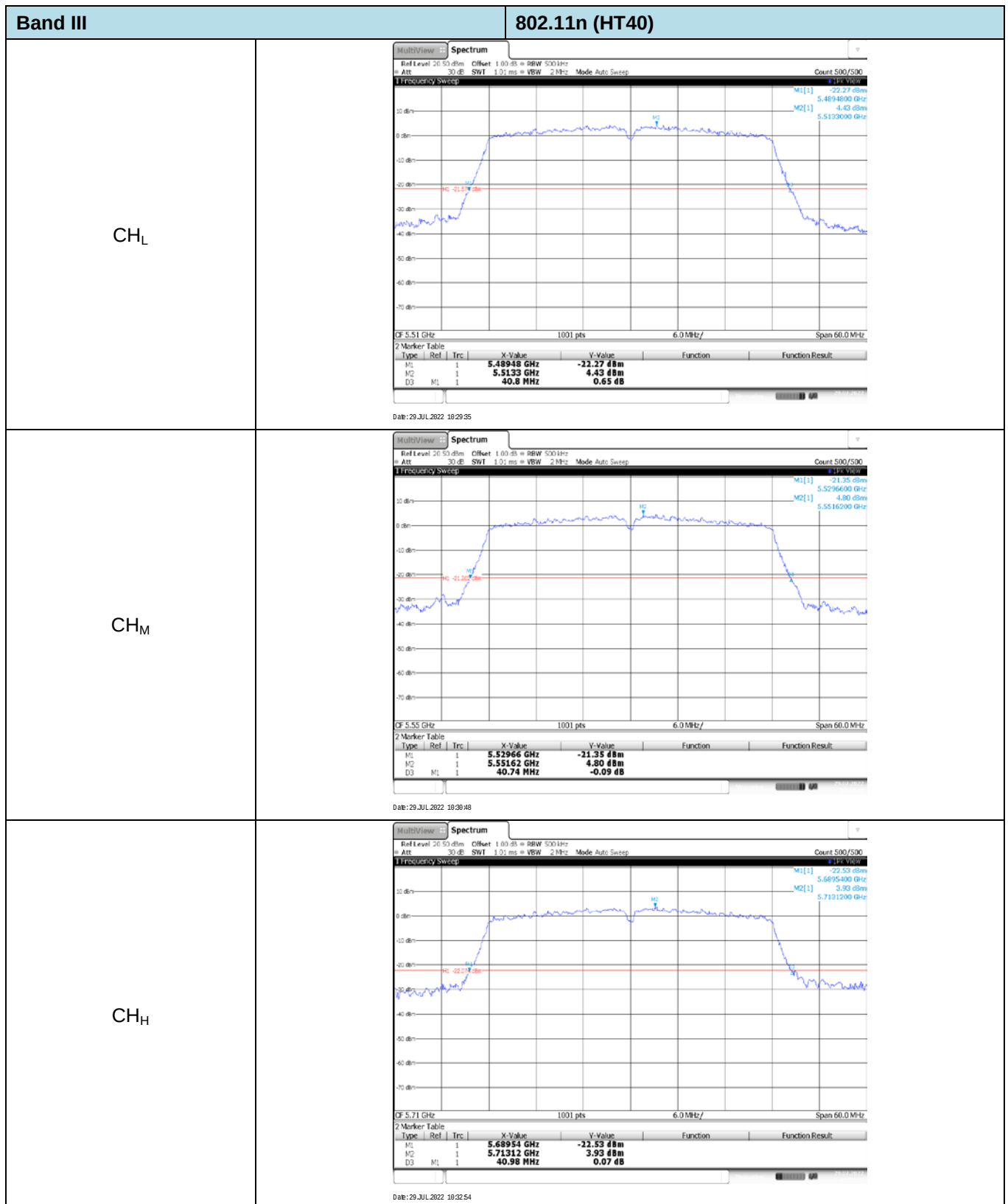
Date:29.JUL.2022 19:25:54

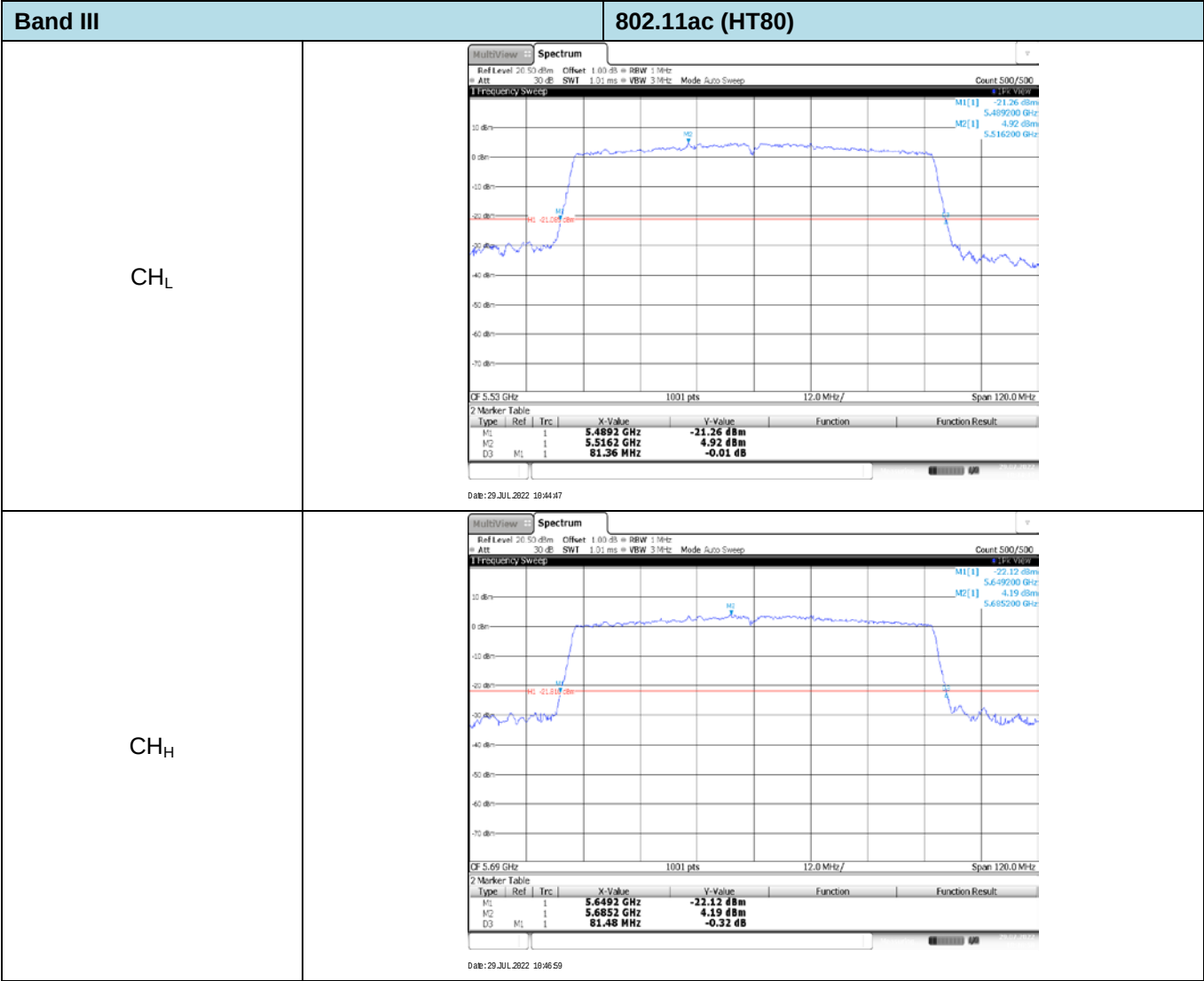
CH_H

Date:29.JUL.2022 19:27:55









Appendix D: 99% Occupy bandwidth

Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
I	20	802.11ac	CH _L	17.62	Pass
			CH _M	17.68	
			CH _H	17.68	
		802.11n	CH _L	17.71	Pass
			CH _M	17.71	
			CH _H	17.74	
		802.11a	CH _L	16.81	Pass
			CH _M	16.84	
			CH _H	16.84	
	40	802.11ac	CH _L	36.08	Pass
			CH _H	36.14	
		802.11n	CH _L	36.08	Pass
			CH _H	36.14	
	80	802.11ac	CH _M	75.41	Pass
II	20	802.11ac	CH _L	17.65	Pass
			CH _M	17.65	
			CH _H	17.68	
		802.11n	CH _L	17.68	Pass
			CH _M	17.74	
			CH _H	17.68	
		802.11a	CH _L	16.75	Pass
			CH _M	16.81	
			CH _H	16.72	
	40	802.11ac	CH _L	36.08	Pass
			CH _H	36.14	
		802.11n	CH _L	36.14	Pass
			CH _H	36.08	
	80	802.11ac	CH _M	75.29	Pass

Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
III	20	802.11ac	CH _L	17.65	Pass
			CH _M	17.65	
			CH _H	17.71	
		802.11n	CH _L	17.68	Pass
			CH _M	17.68	
			CH _H	17.74	
		802.11a	CH _L	16.72	Pass
			CH _M	16.78	
			CH _H	16.84	
	40	802.11ac	CH _L	36.08	Pass
			CH _M	36.14	
			CH _H	36.14	
		802.11n	CH _L	36.08	Pass
			CH _M	36.14	
			CH _H	36.14	
	80	802.11ac	CH _L	75.52	Pass
			CH _H	75.52	

Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.71	Pass
			CH _M	17.77	
			CH _H	17.89	
		802.11n	CH _L	17.74	Pass
			CH _M	17.83	
			CH _H	17.98	
		802.11a	CH _L	16.87	Pass
			CH _M	17.05	
			CH _H	17.47	
	40	802.11ac	CH _L	36.20	Pass
			CH _H	36.32	
		802.11n	CH _L	36.21	Pass
			CH _H	36.38	
	80	802.11ac	CH _M	75.64	Pass

Band I

802.11ac (HT20)

CH_L

MultiView Spectrum

Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
Att 30.0 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 200/200

Occupied Bandwidth

M1[1] 6.79 dBm
5.179011 GHz

OF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.179011 GHz	6.79 dBm		
T1	1		5.171588 GHz	-1.62 dBm	Occ BW	17.622377622 MHz
T2	1		5.188782 GHz	-1.77 dBm		

Date: 27 JUL 2022 19:22:68

CH_M

MultiView Spectrum

Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
Att 30.0 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 200/200

Occupied Bandwidth

M1[1] 6.43 dBm
5.218951 GHz

OF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.218951 GHz	6.43 dBm		
T1	1		5.211289 GHz	-2.47 dBm	Occ BW	17.682317682 MHz
T2	1		5.228812 GHz	-2.69 dBm		

Date: 27 JUL 2022 19:14:12

CH_H

MultiView Spectrum

Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
Att 30.0 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 200/200

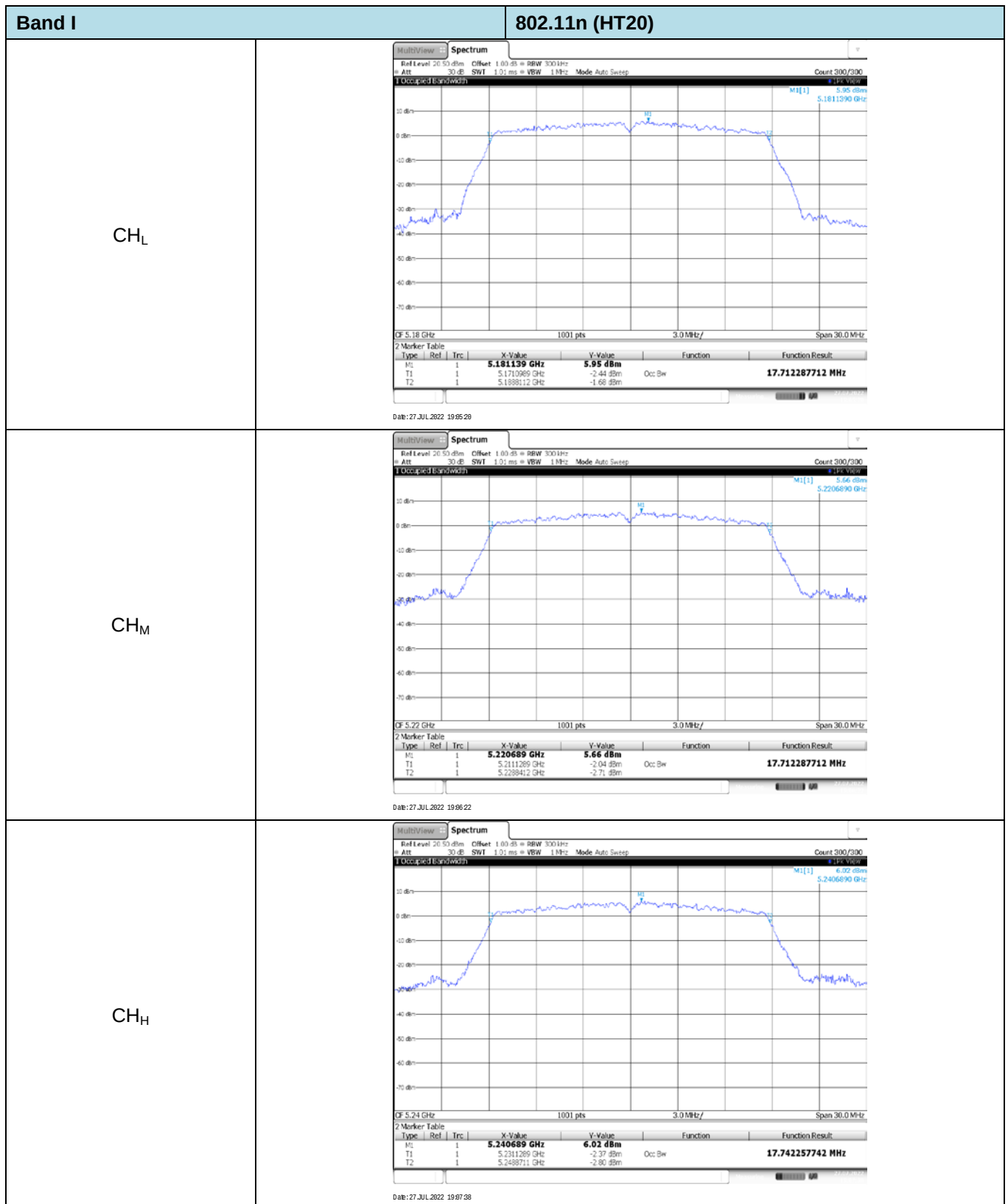
Occupied Bandwidth

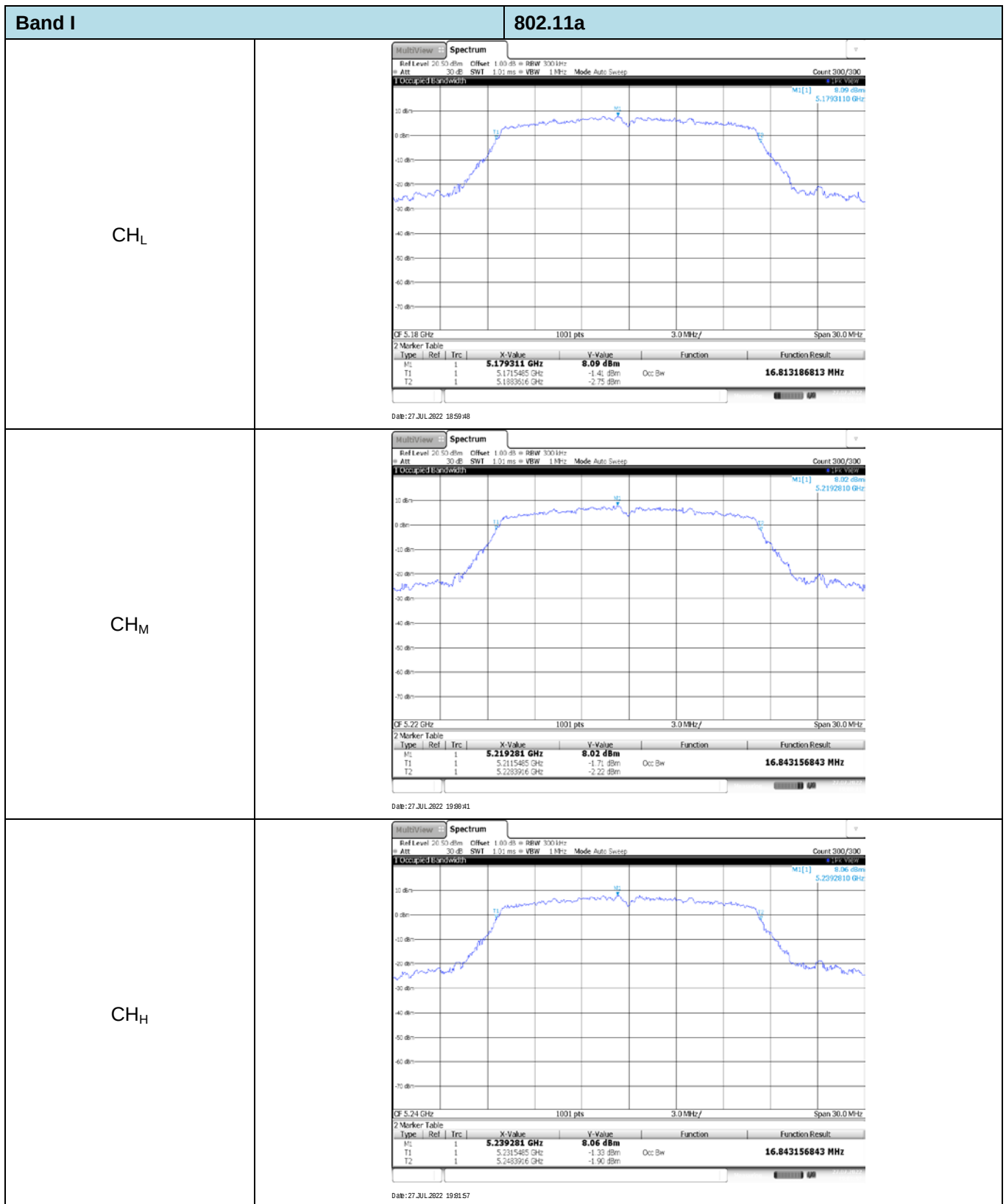
M1[1] 6.40 dBm
5.238951 GHz

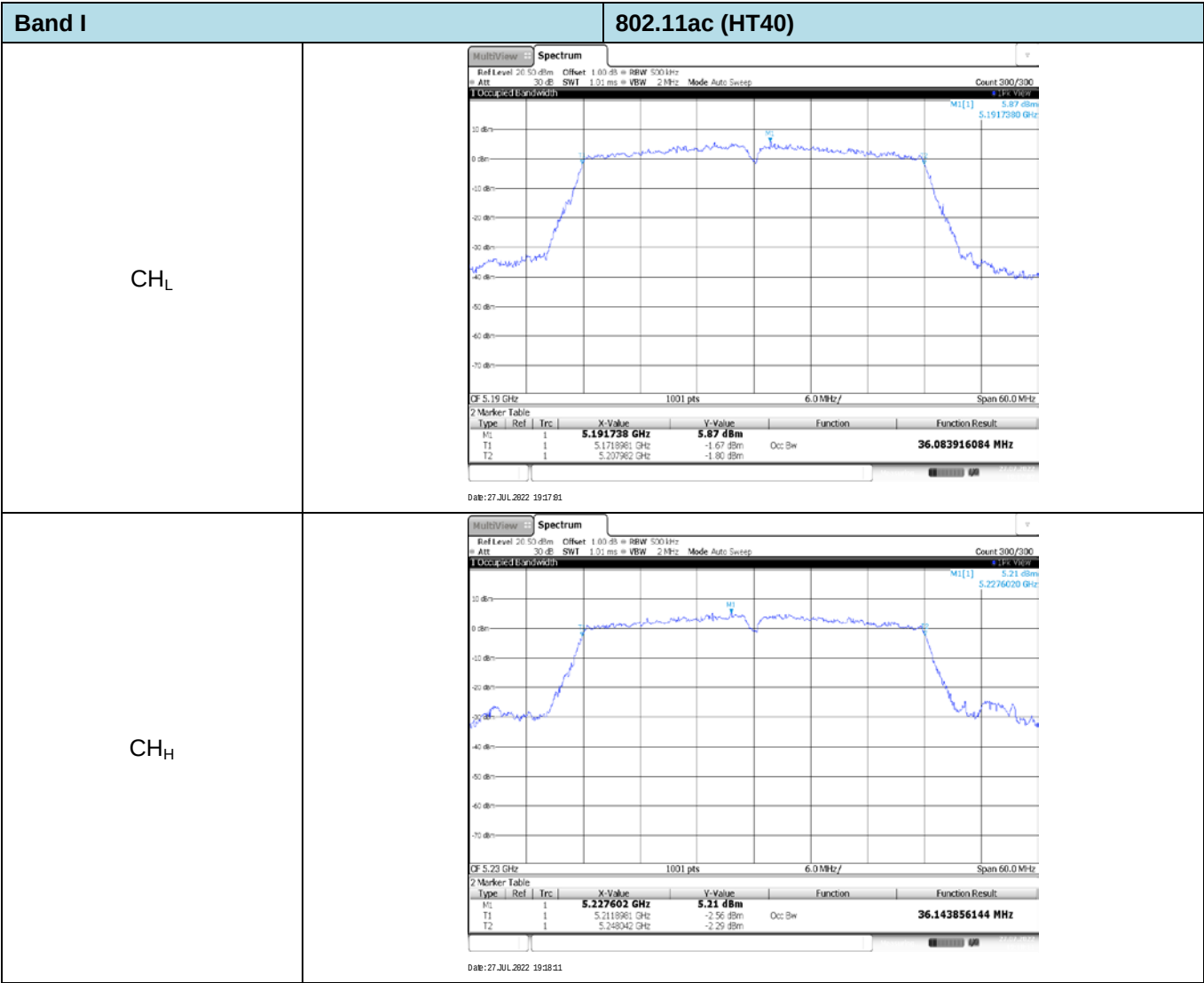
OF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

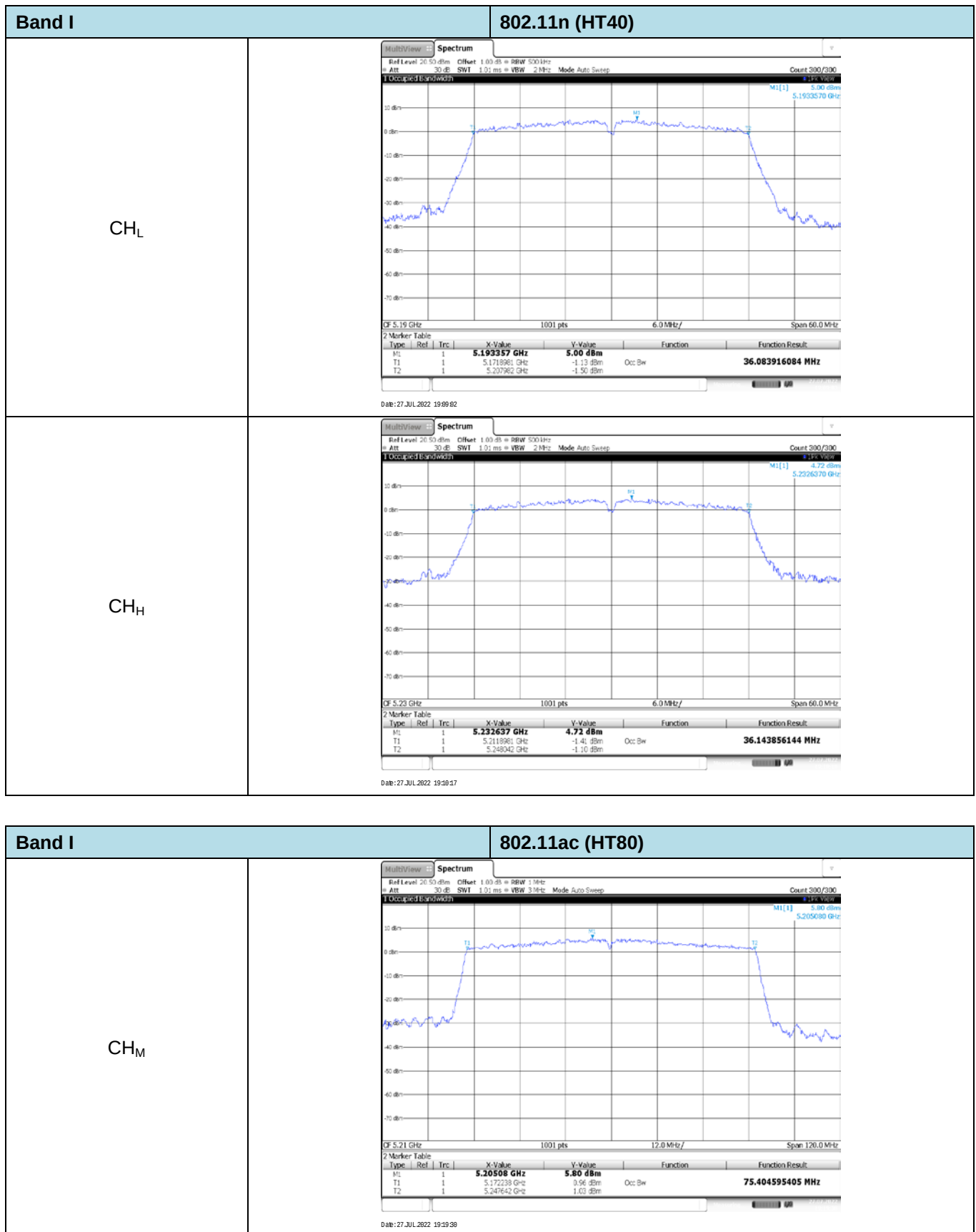
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.238951 GHz	6.40 dBm		
T1	1		5.231588 GHz	-2.05 dBm	Occ BW	17.682317682 MHz
T2	1		5.248842 GHz	-3.08 dBm		

Date: 27 JUL 2022 19:15:32









Band II

802.11ac (HT20)

CH_L

MultiView Spectrum

Ref Level 20.50 dBm Offset 1.00 dB = RBW 300 kHz

Att 30 dB SWI 1.01 ms = VBW 1.0 Hz Mode Auto Sweep

Count 300/300

Occupied Bandwidth

CF 5.26 GHz

1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.258981 GHz	5.96 dBm		
T1	1		5.251586 GHz	-2.43 dBm	Occ Sw	17.652347652 MHz
T2	1		5.268812 GHz	-3.04 dBm		

Date: 27 JUL 2022 19:50:87

CH_M

MultiView Spectrum

Ref Level 20.50 dBm Offset 1.00 dB = RBW 300 kHz

Att 30 dB SWI 1.01 ms = VBW 1.0 Hz Mode Auto Sweep

Count 300/300

Occupied Bandwidth

CF 5.28 GHz

1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.278951 GHz	6.25 dBm		
T1	1		5.271586 GHz	-2.23 dBm	Occ Sw	17.652347652 MHz
T2	1		5.268812 GHz	-3.09 dBm		

Date: 27 JUL 2022 19:51:33

CH_H

MultiView Spectrum

Ref Level 20.50 dBm Offset 1.00 dB = RBW 300 kHz

Att 30 dB SWI 1.01 ms = VBW 1.0 Hz Mode Auto Sweep

Count 300/300

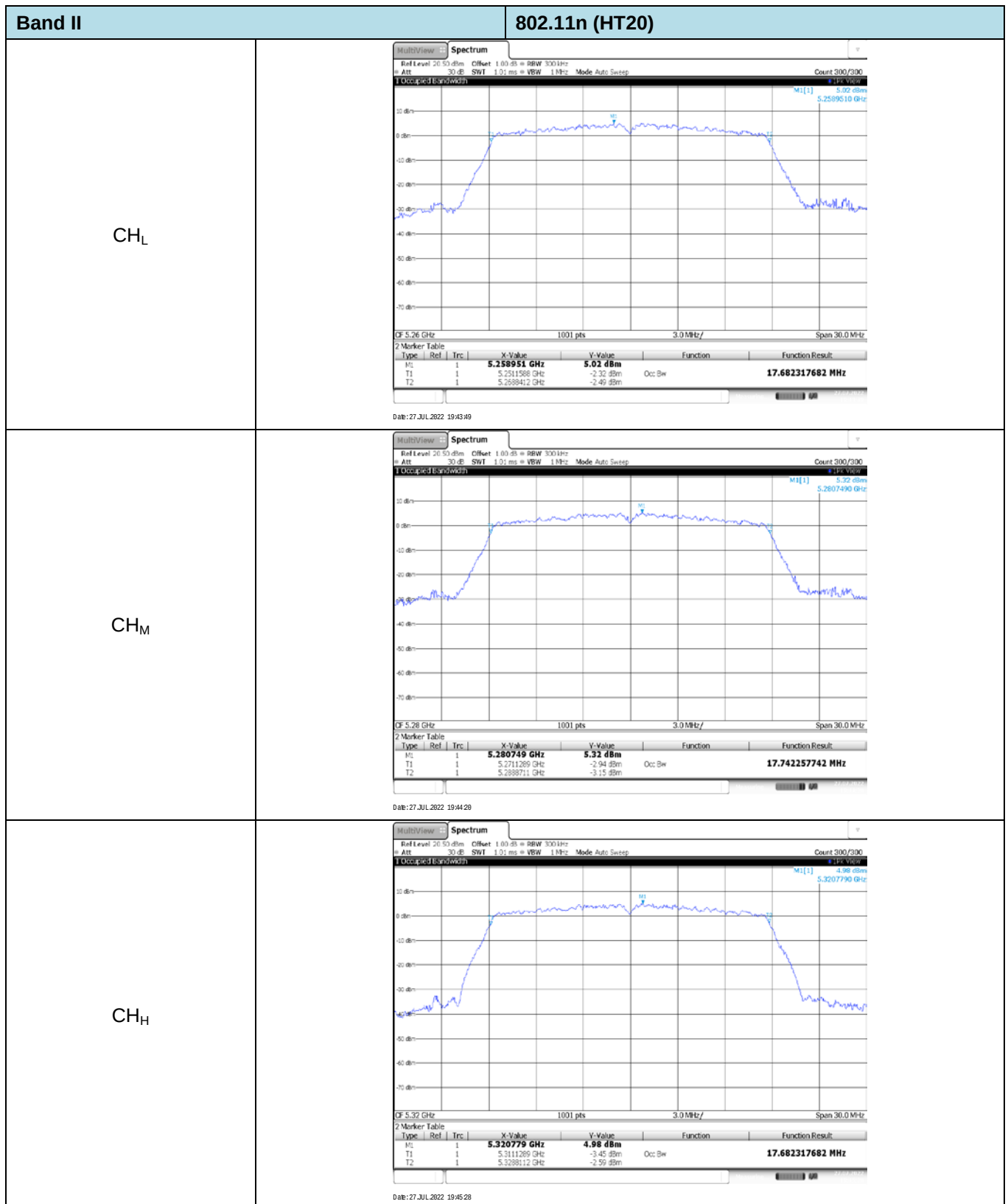
Occupied Bandwidth

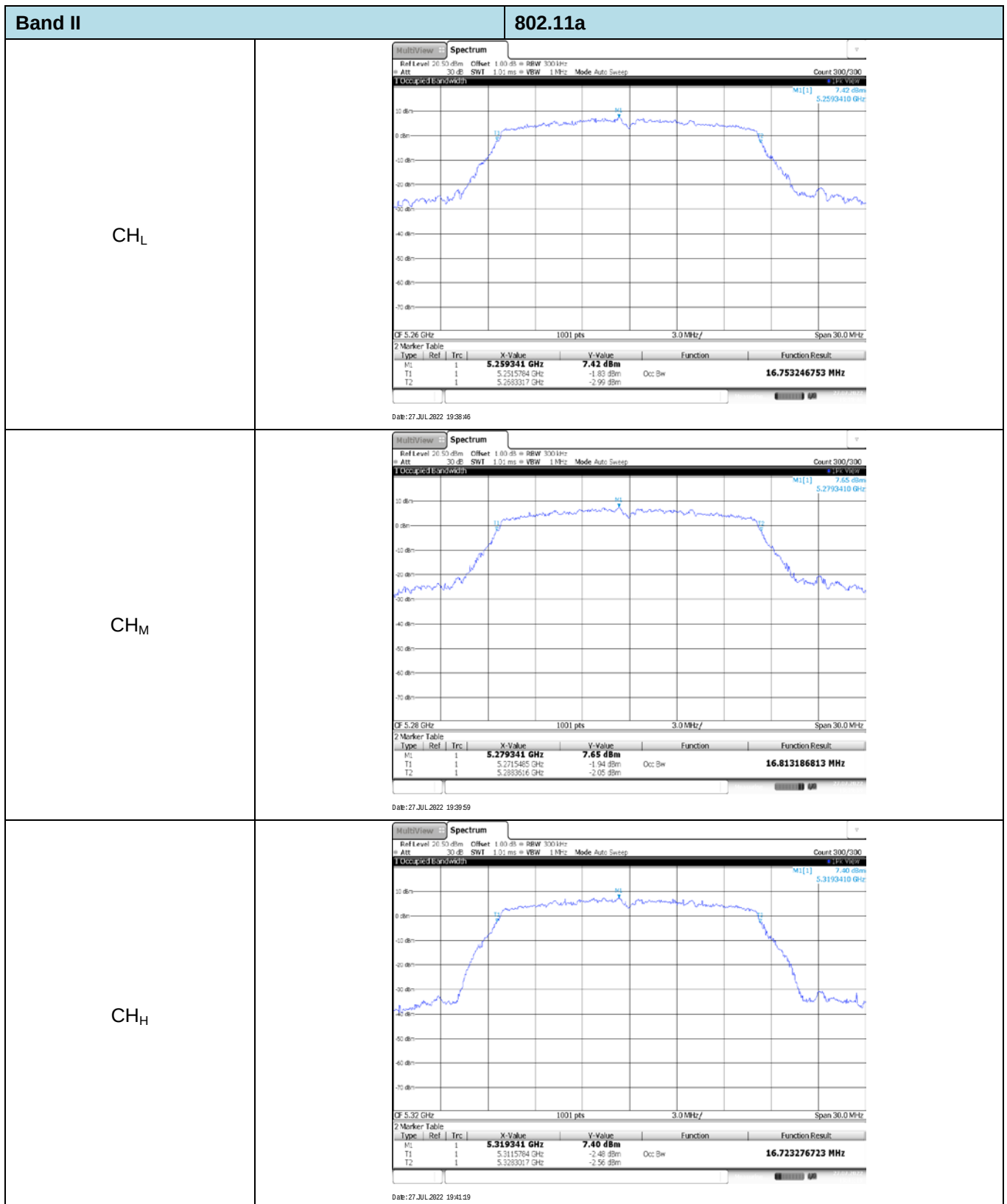
CF 5.32 GHz

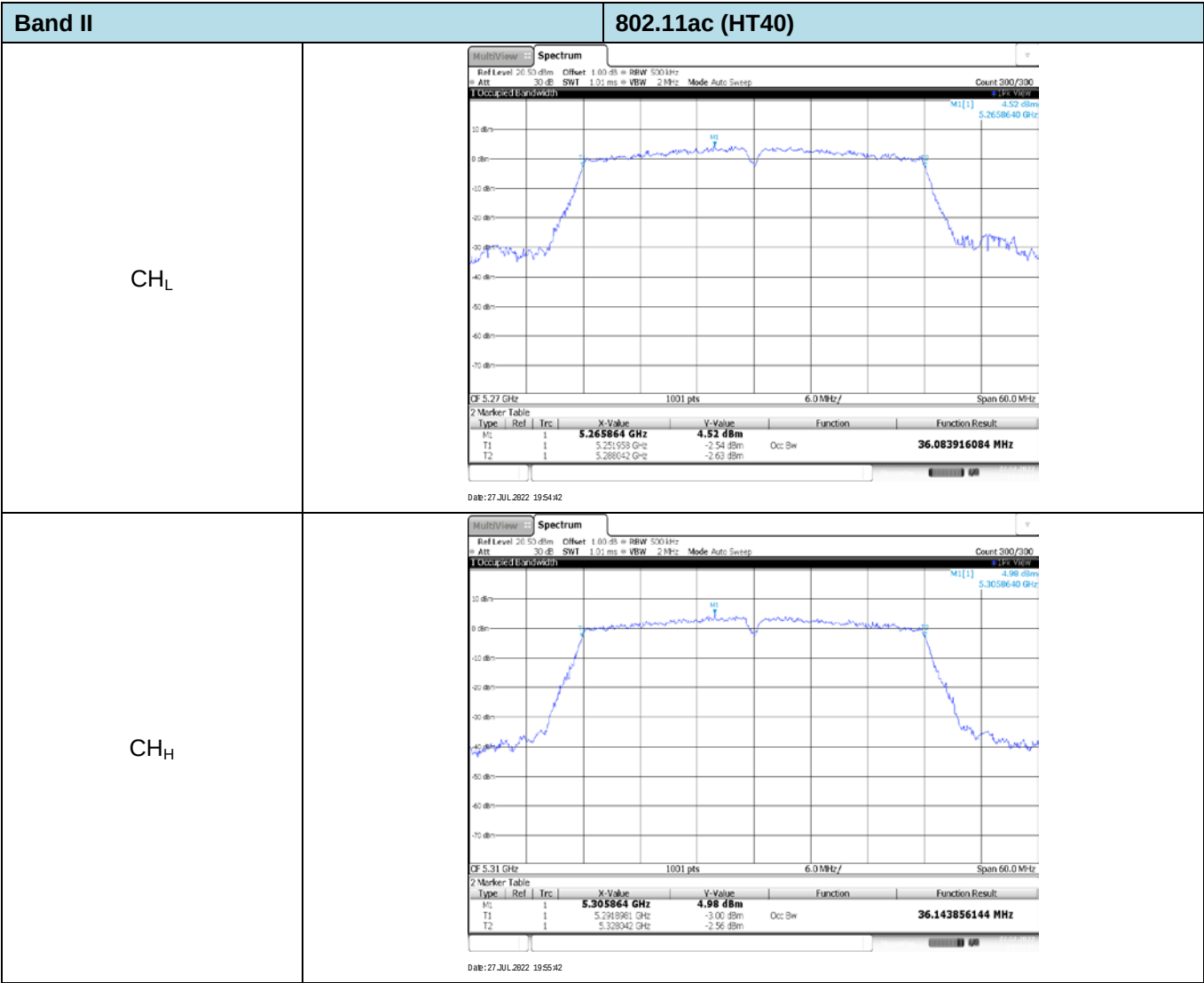
1001 pts 3.0 MHz/ Span 30.0 MHz

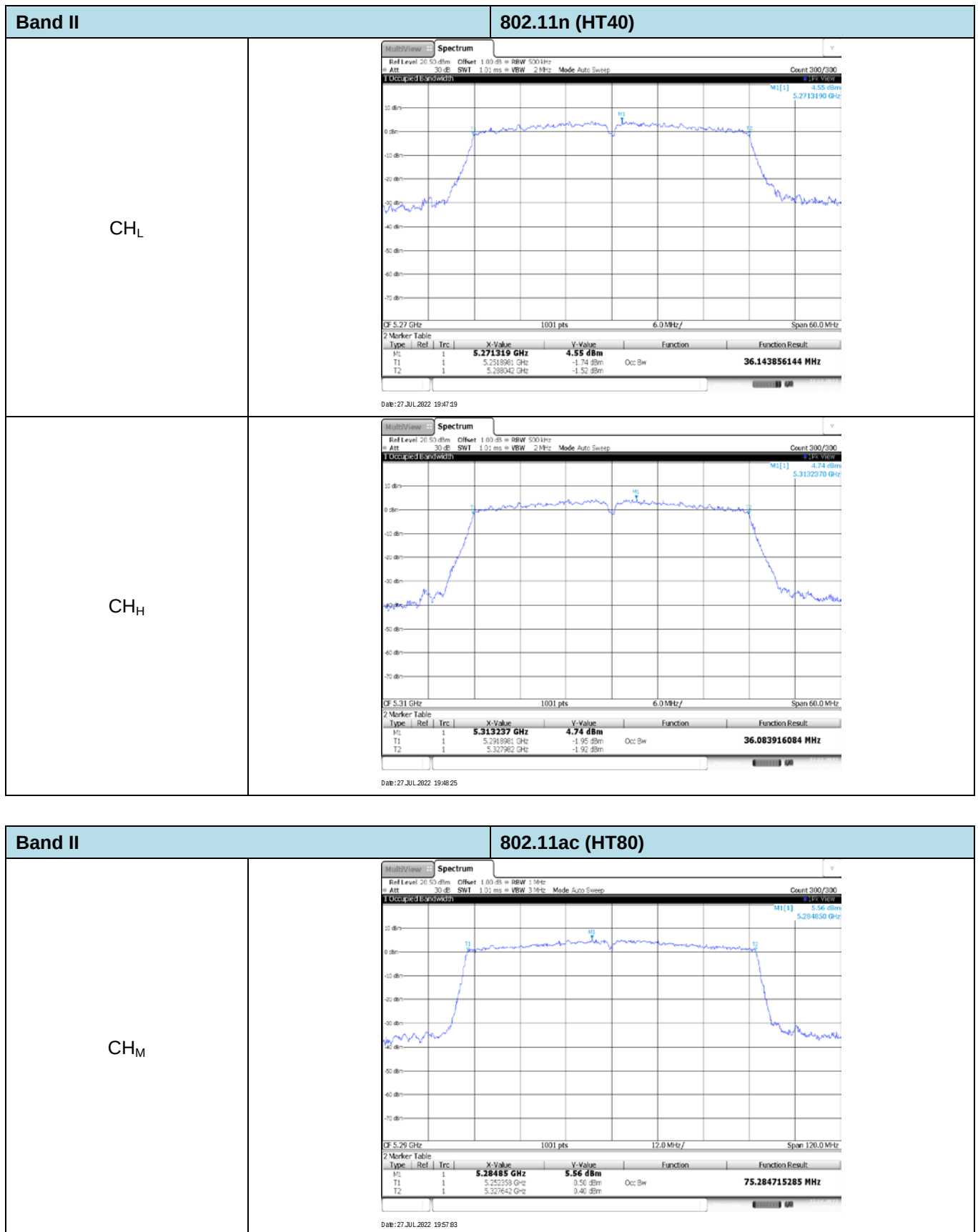
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.319011 GHz	6.09 dBm		
T1	1		5.311586 GHz	-2.77 dBm	Occ Sw	17.682317682 MHz
T2	1		5.328812 GHz	-3.40 dBm		

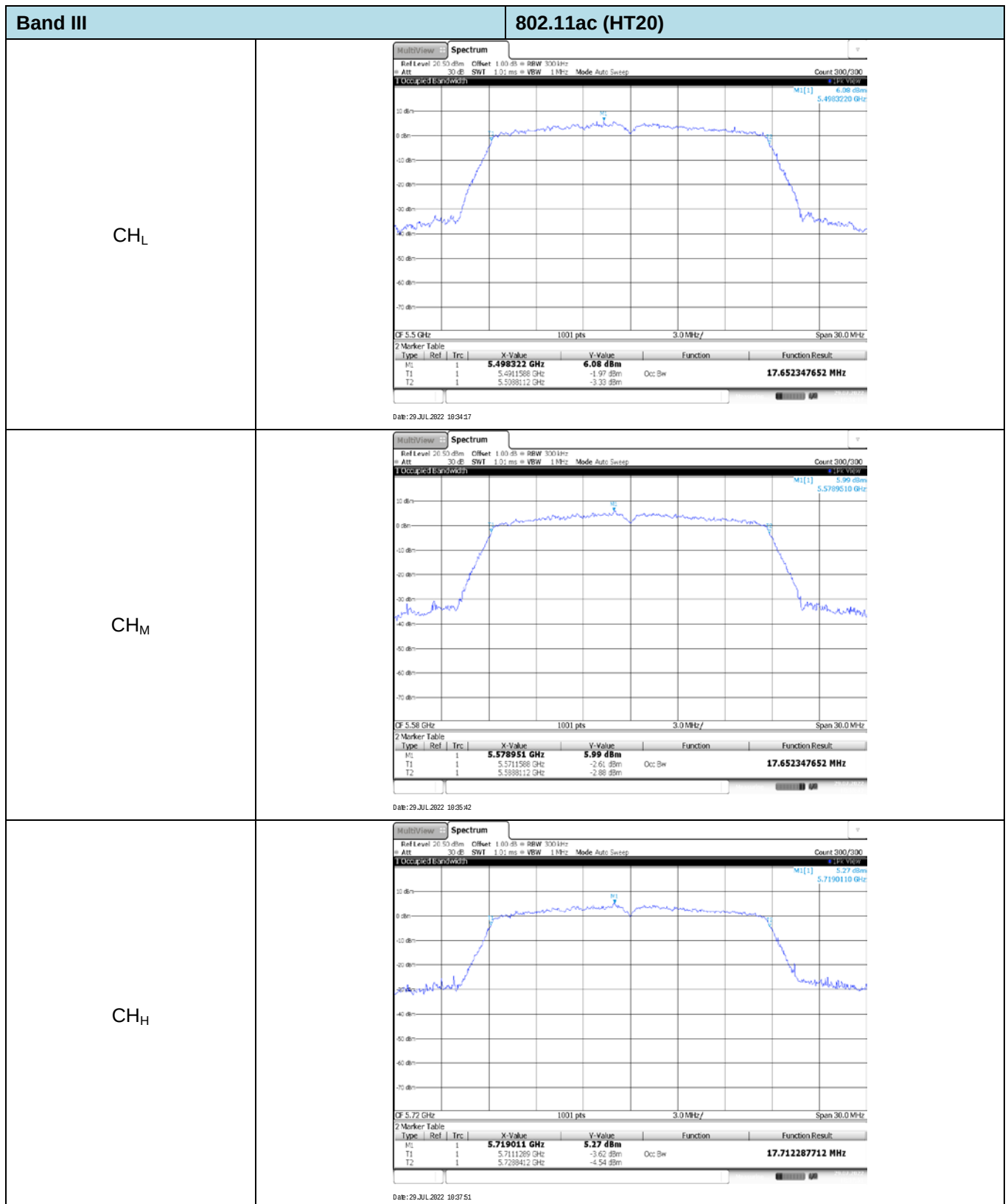
Date: 27 JUL 2022 19:52:38

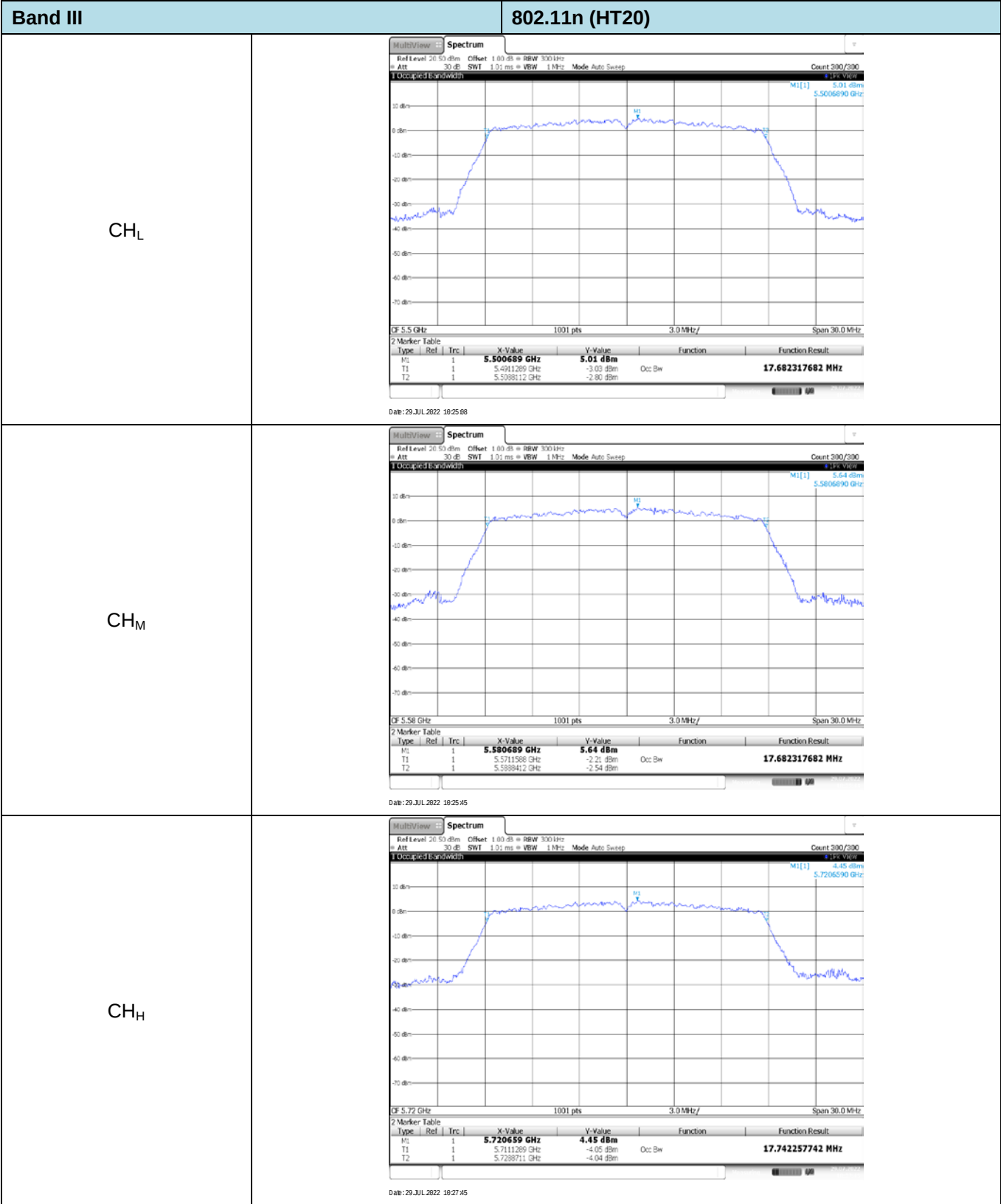


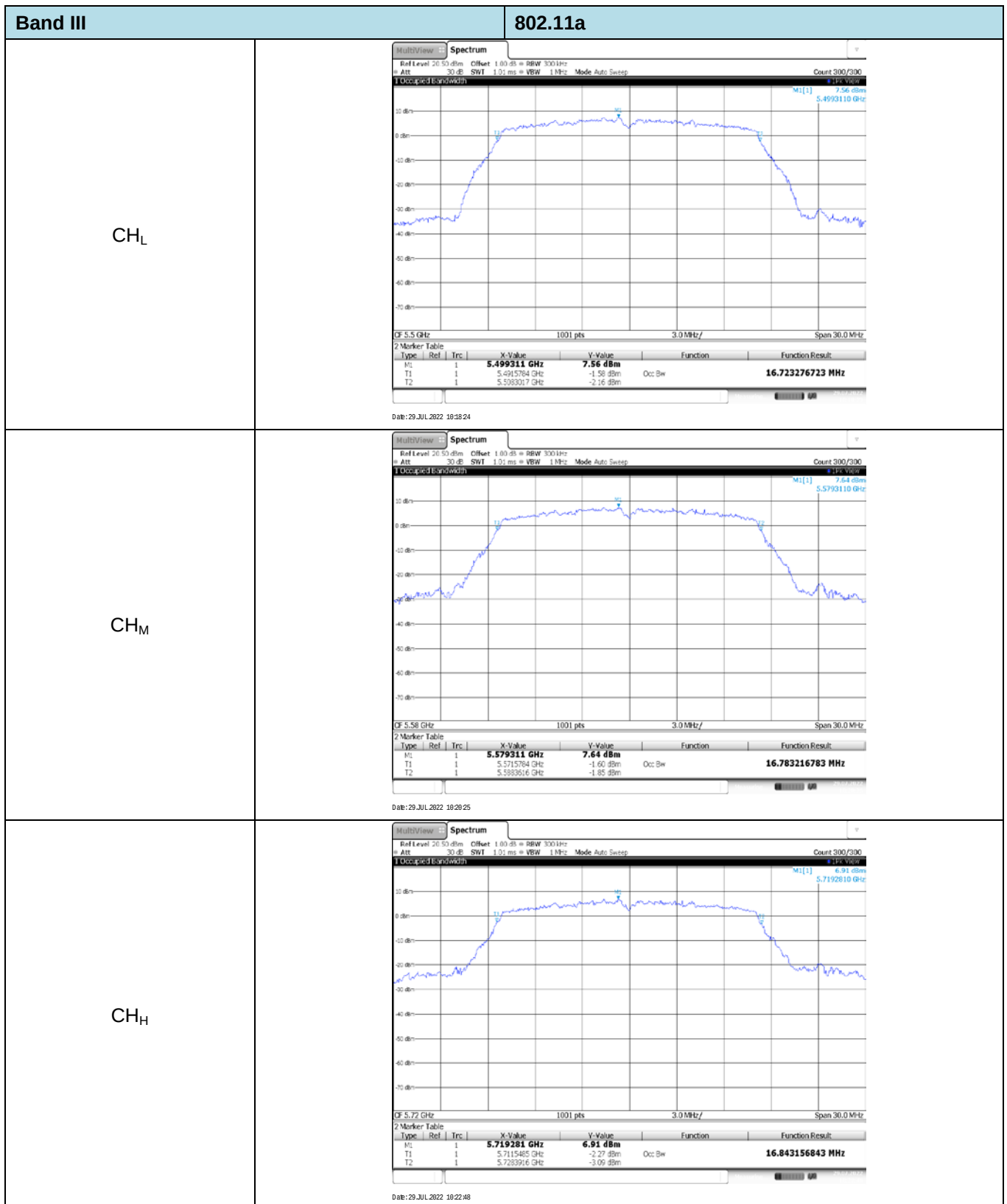


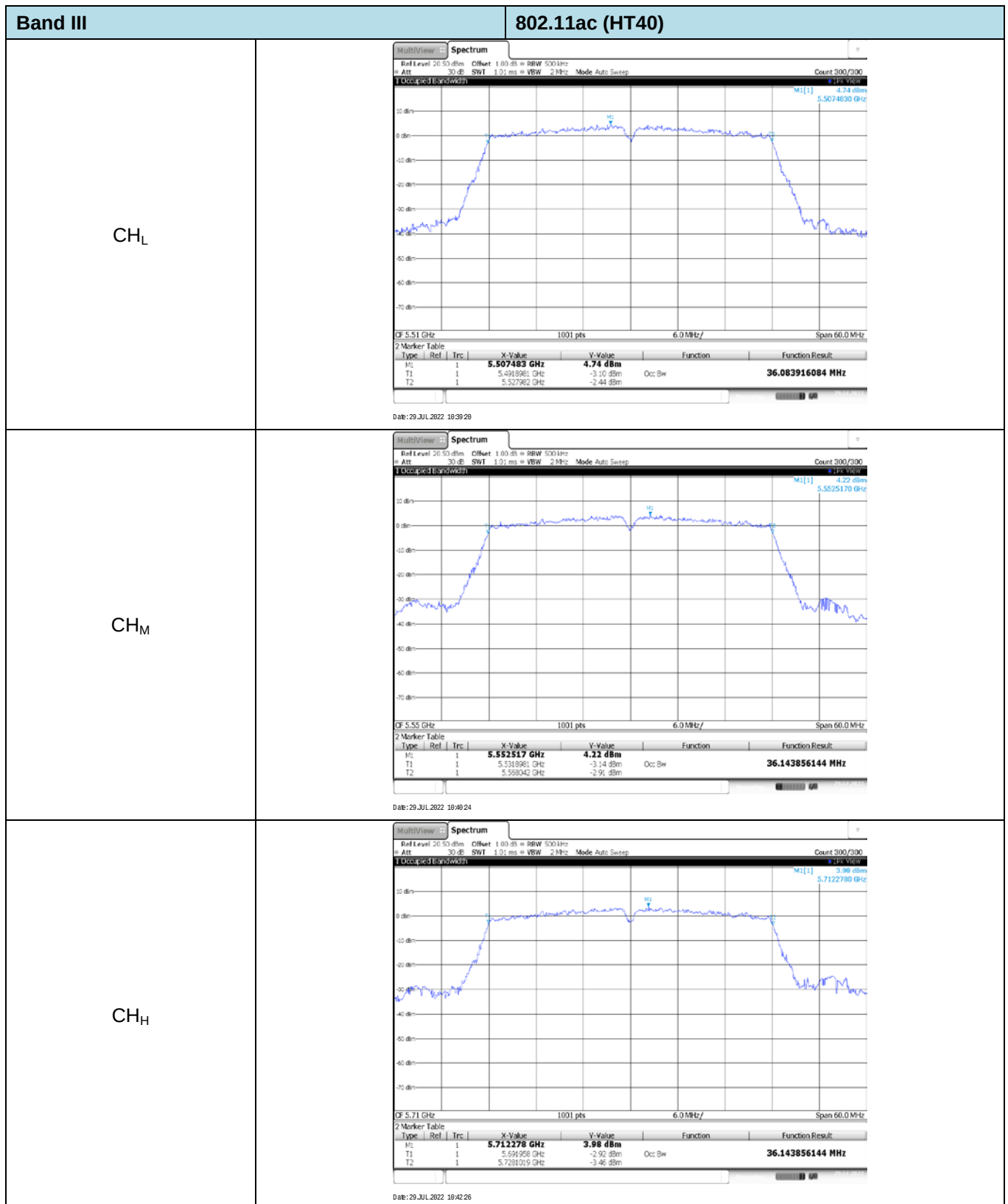


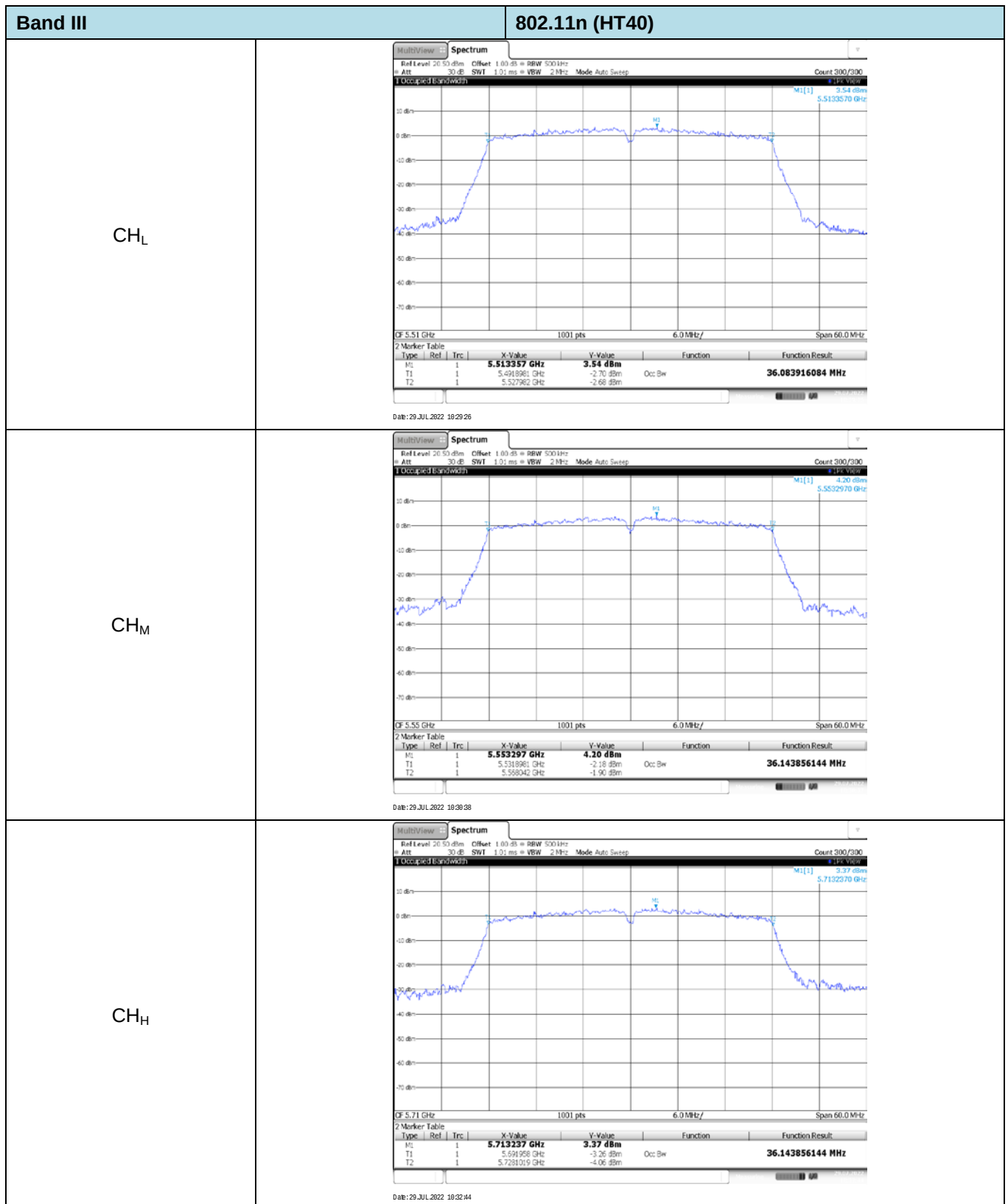


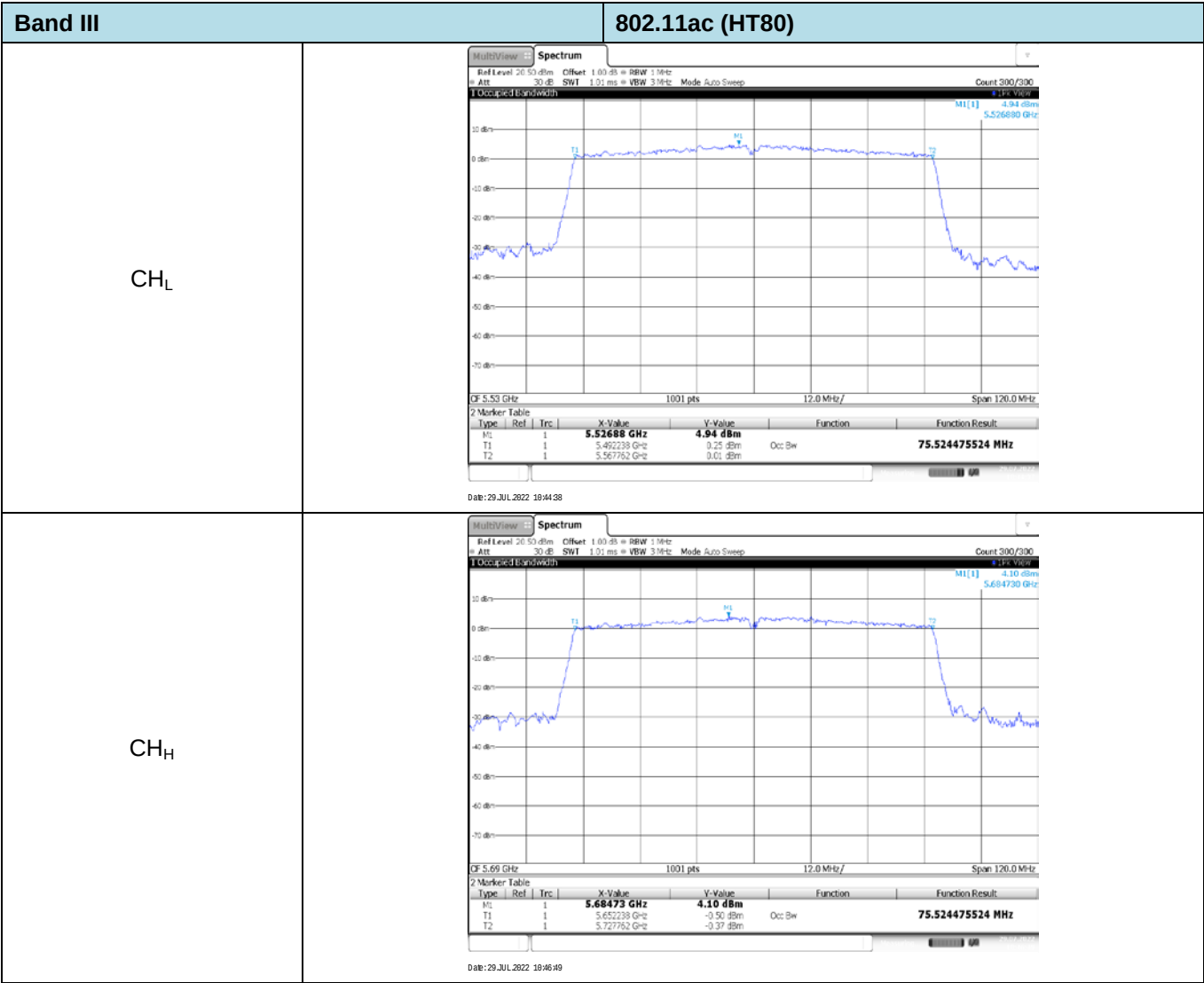


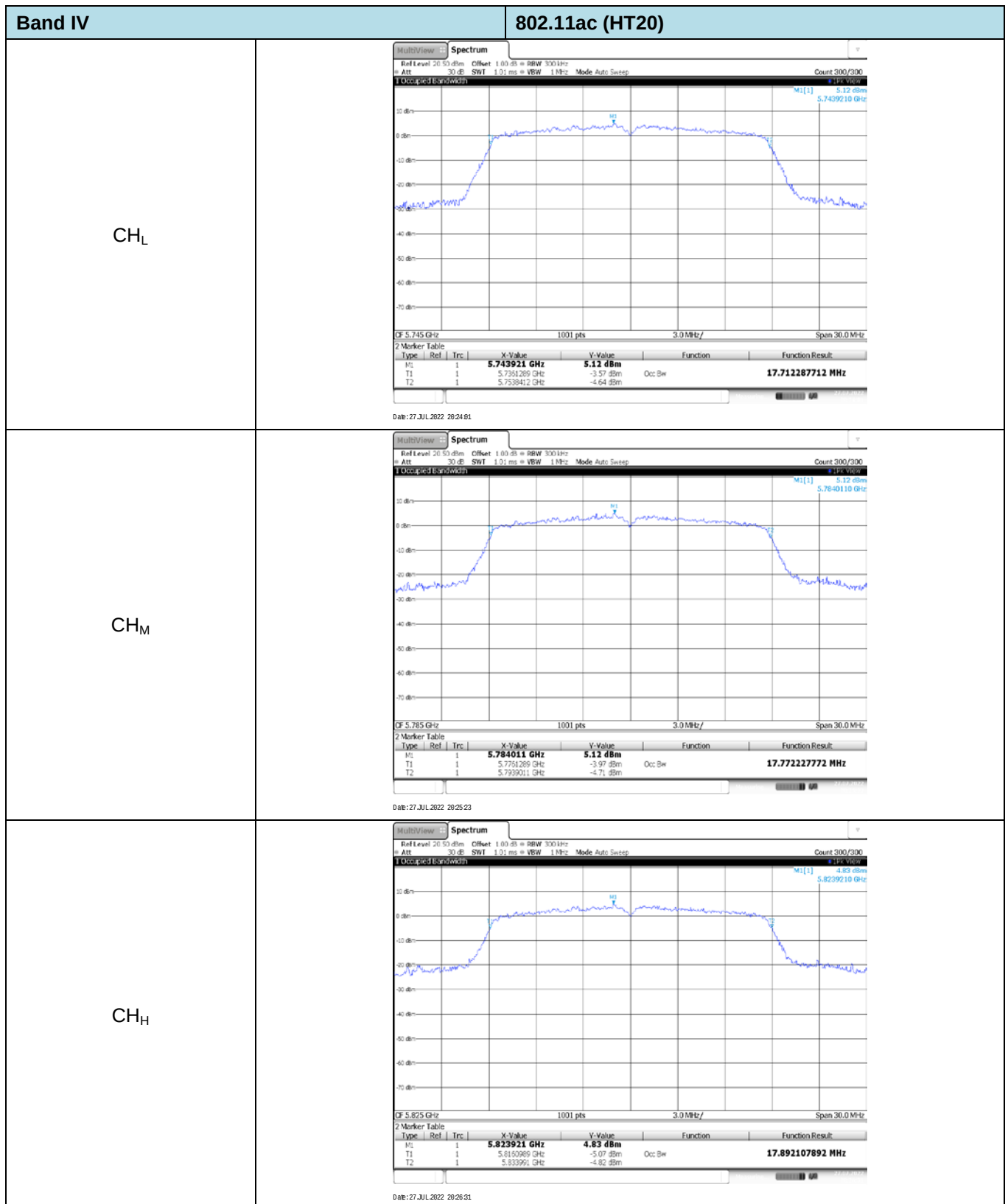


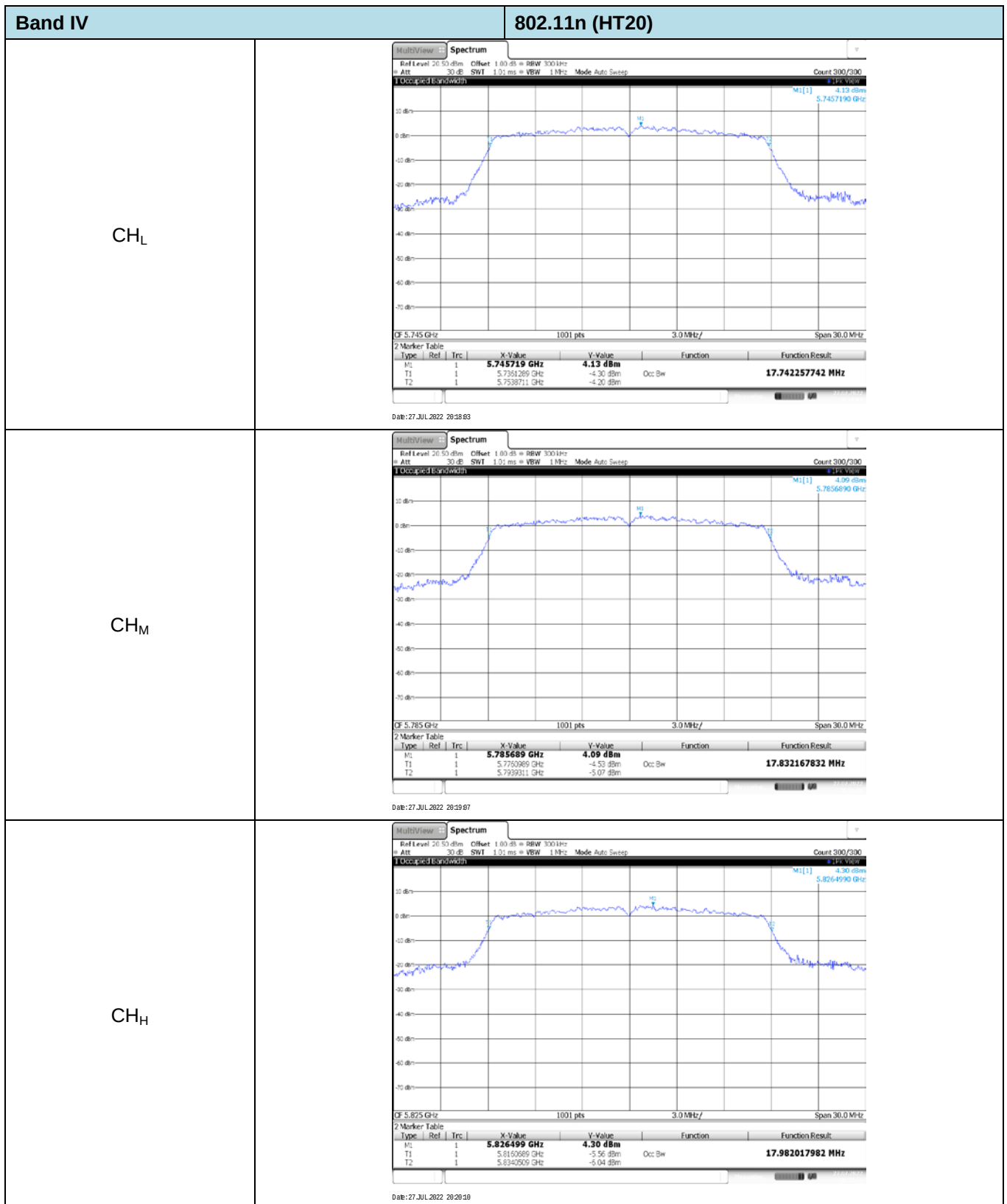


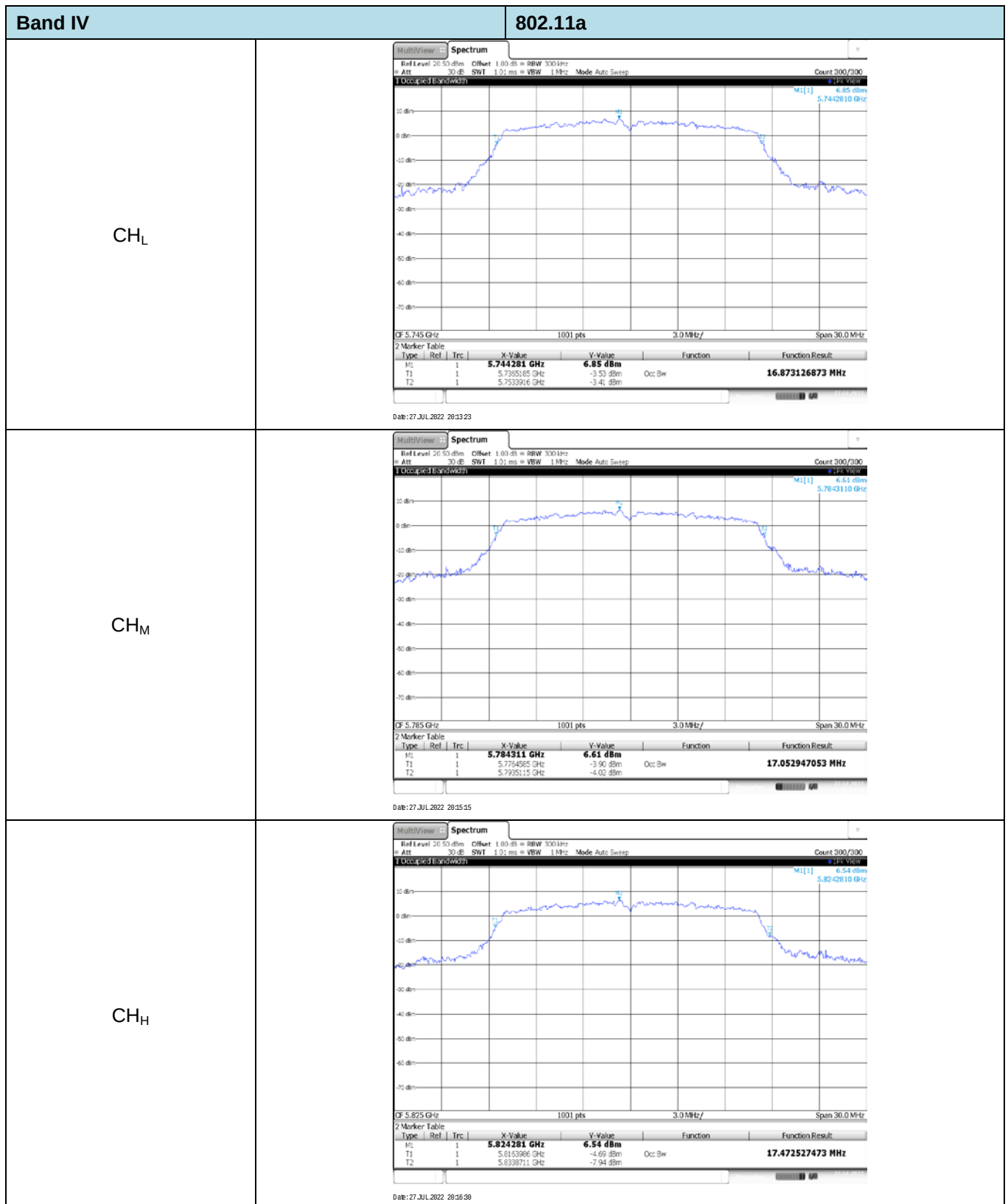


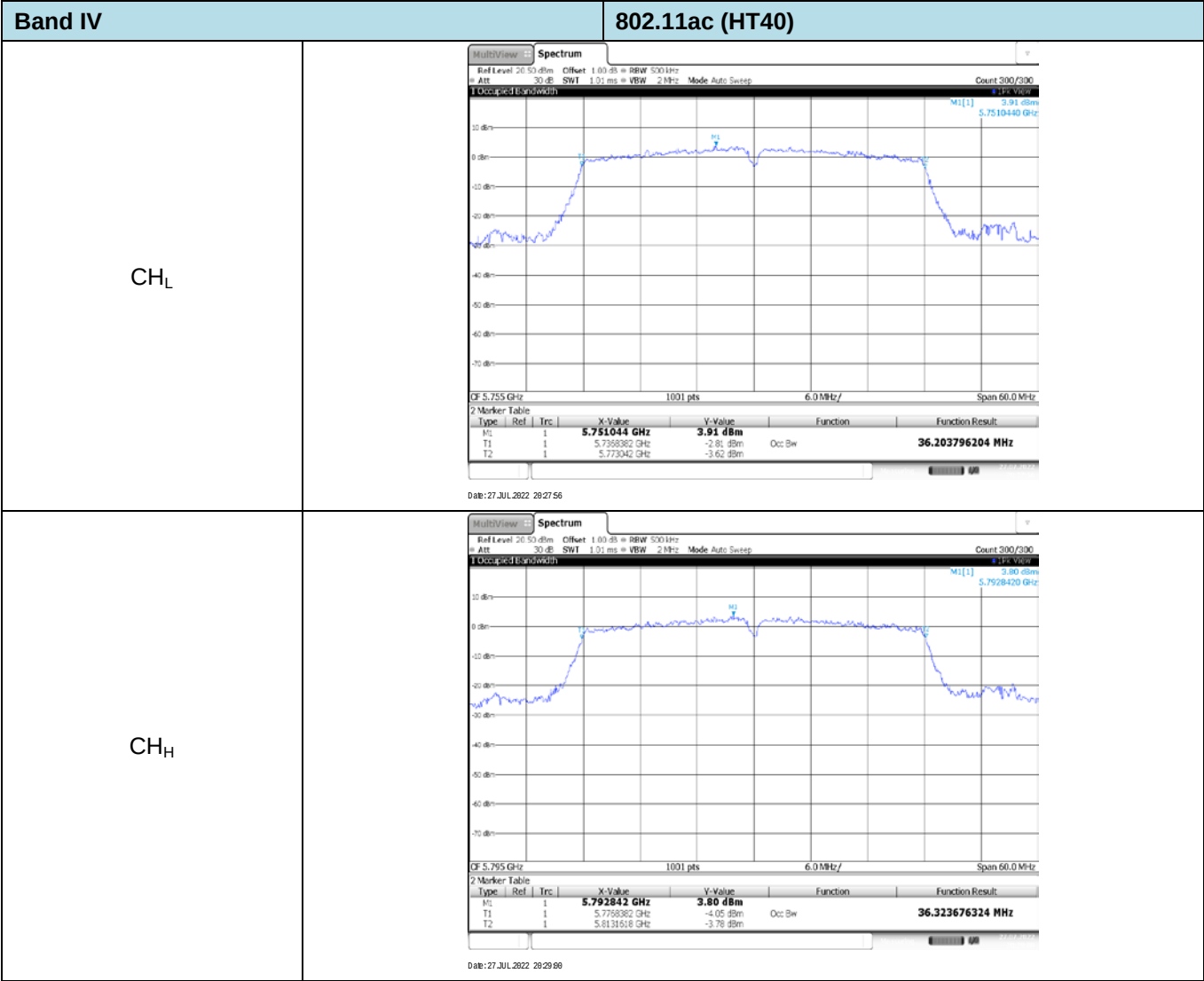


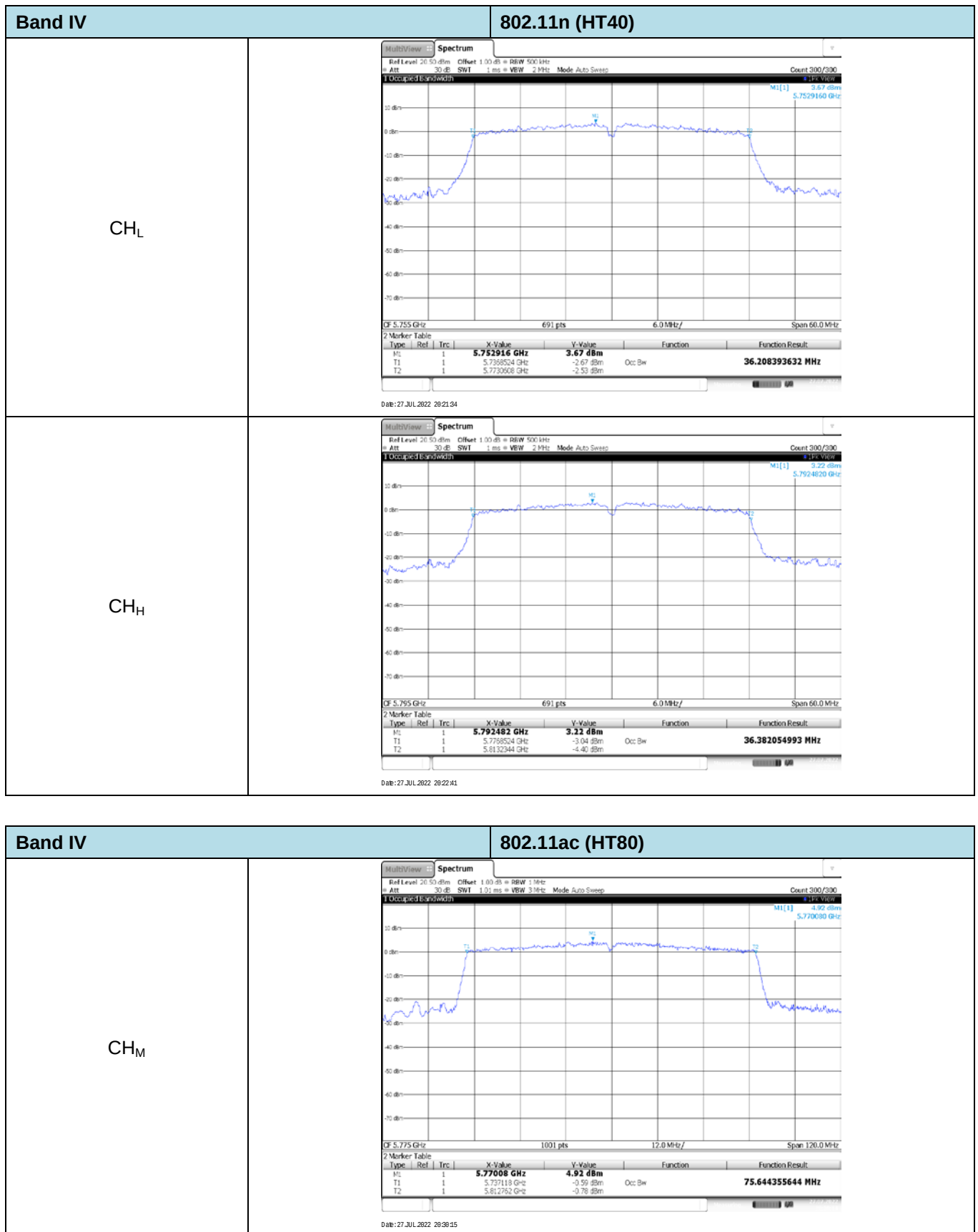






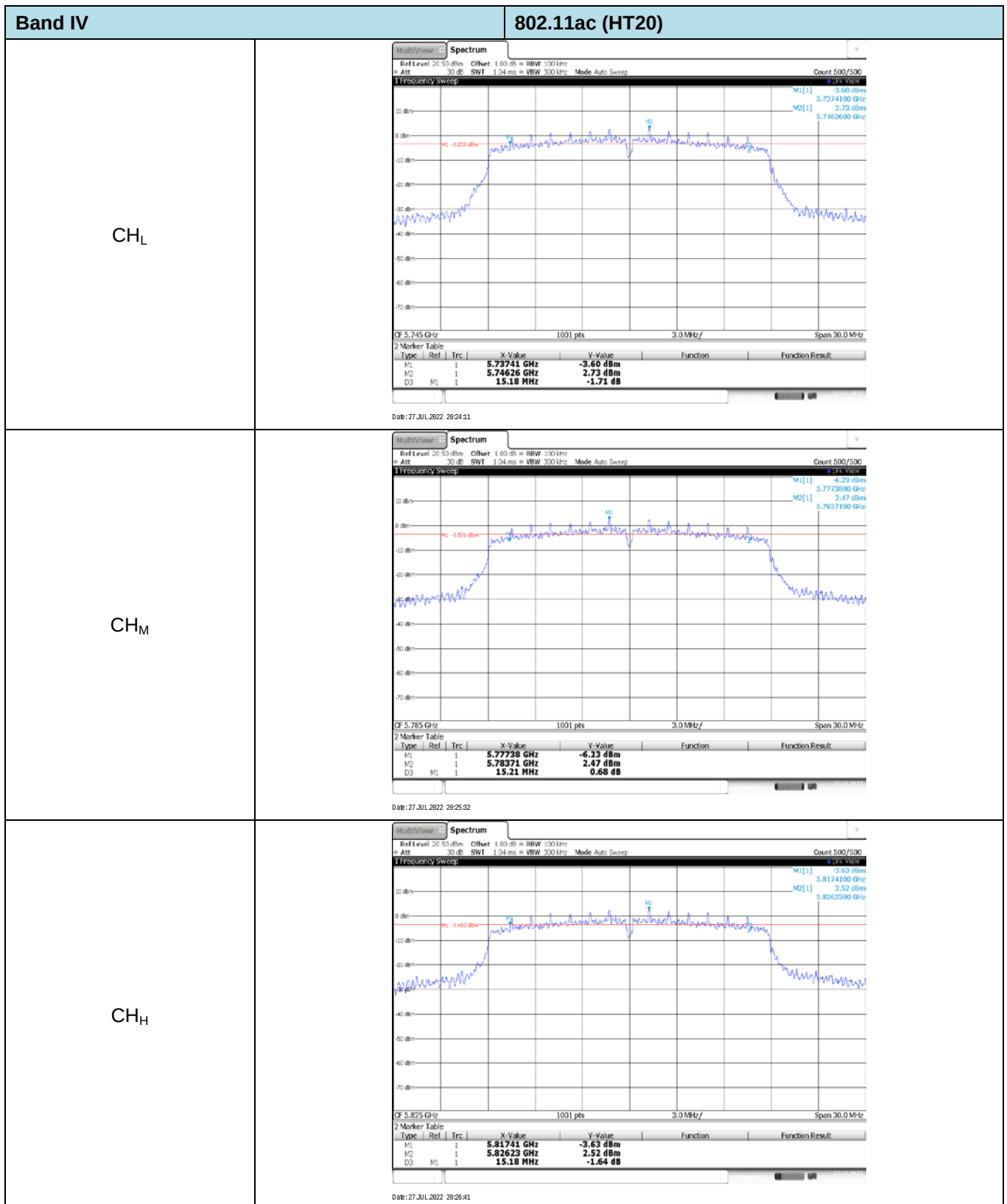


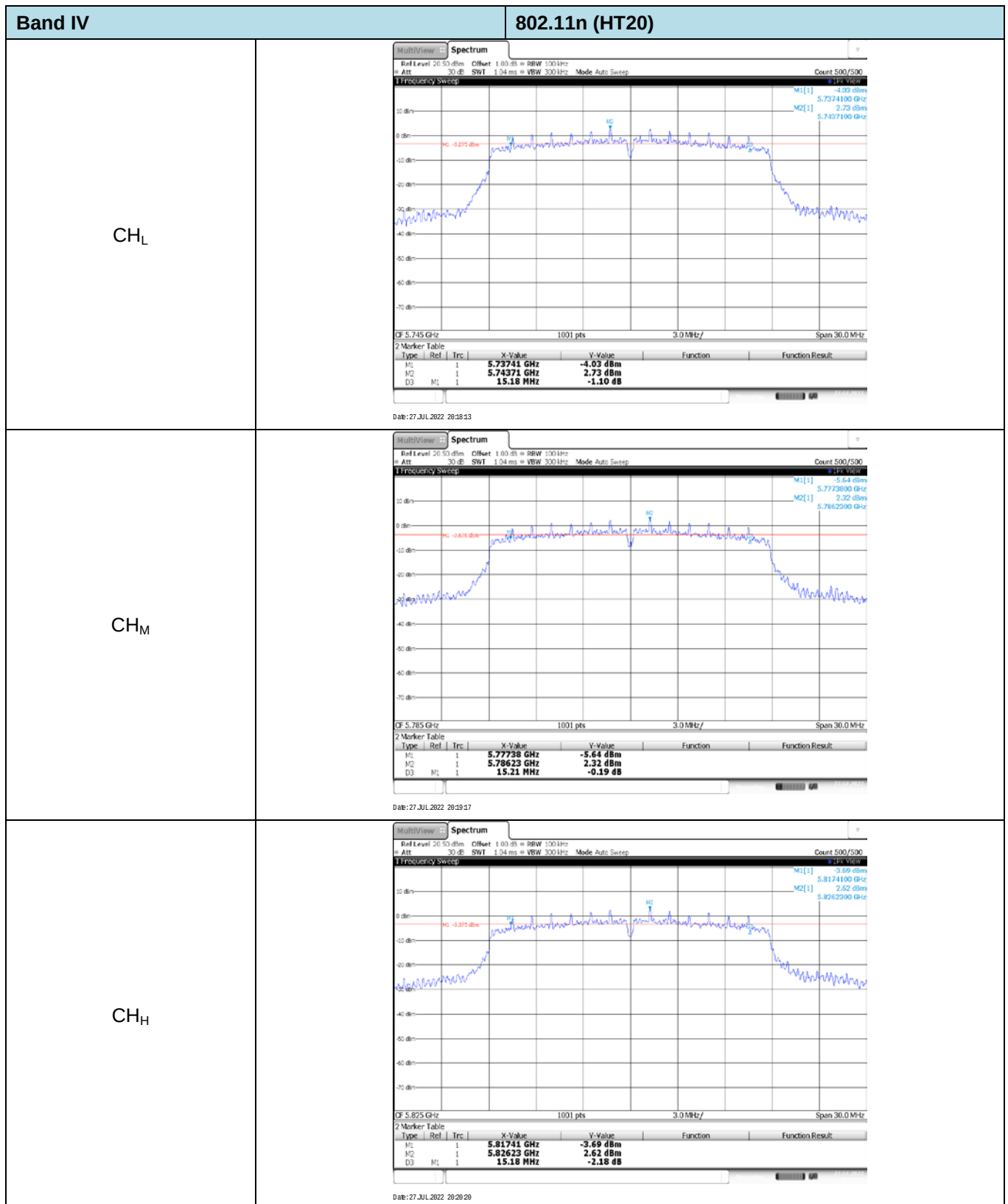


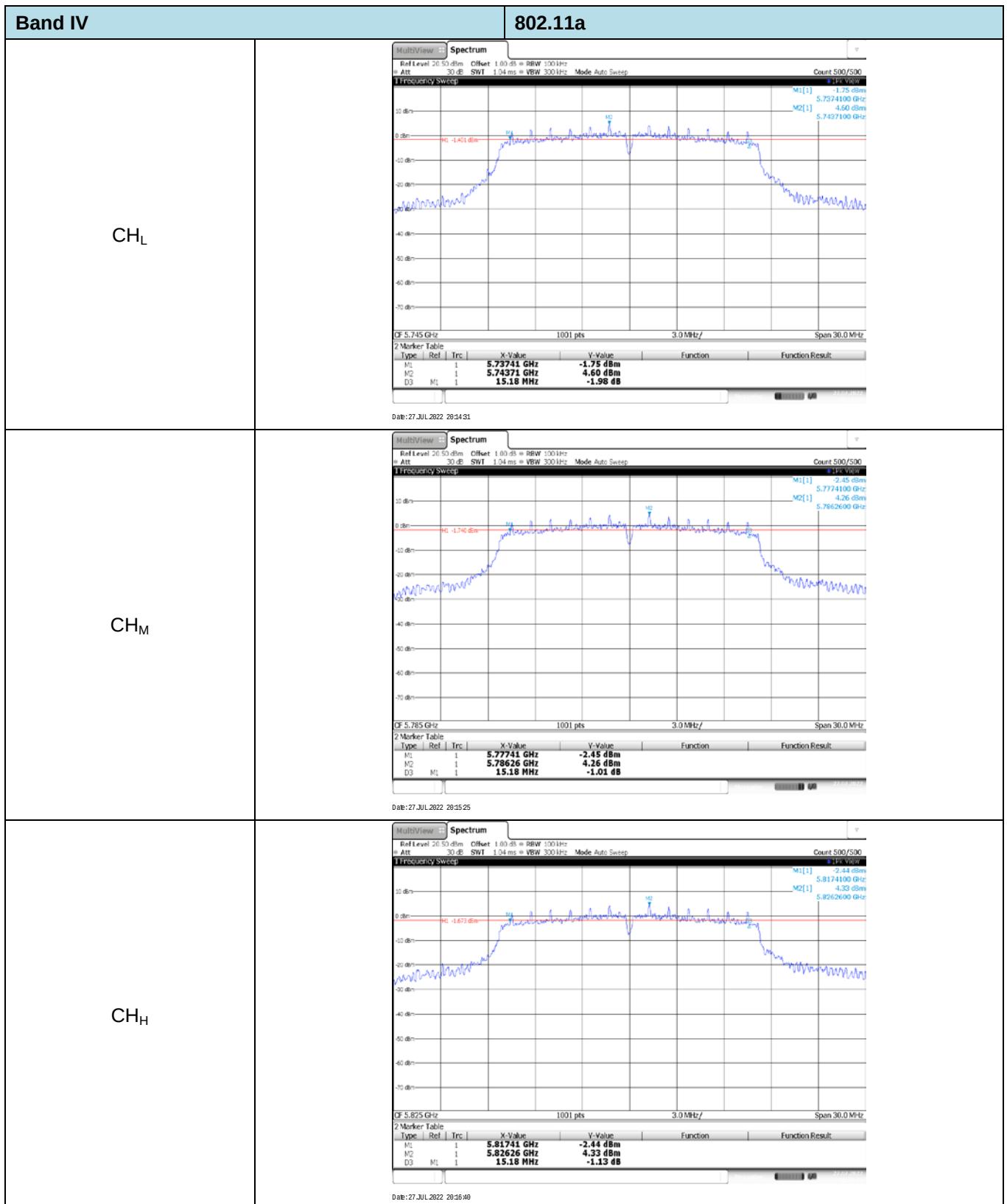


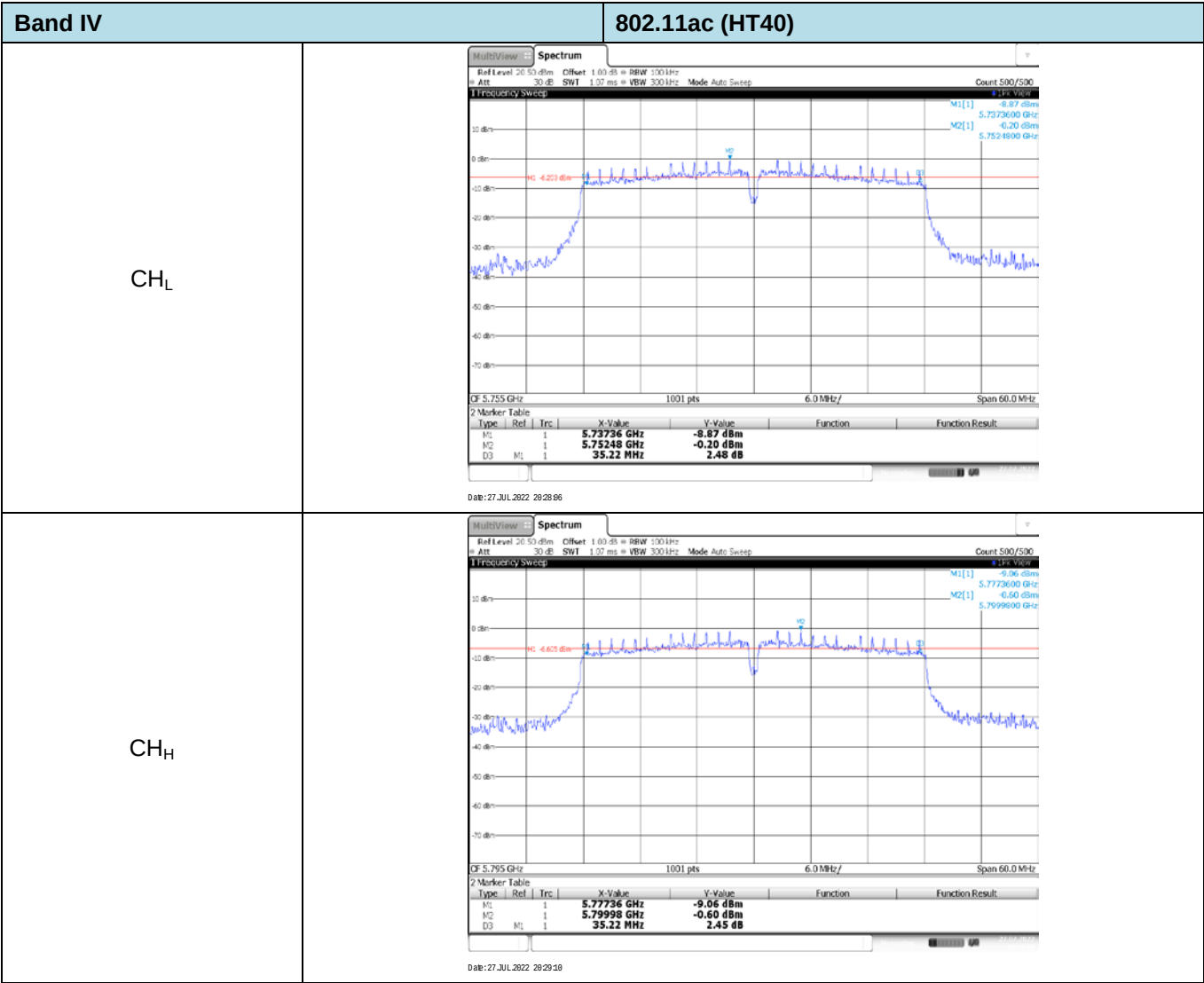
Appendix E: 6dB Bandwidth

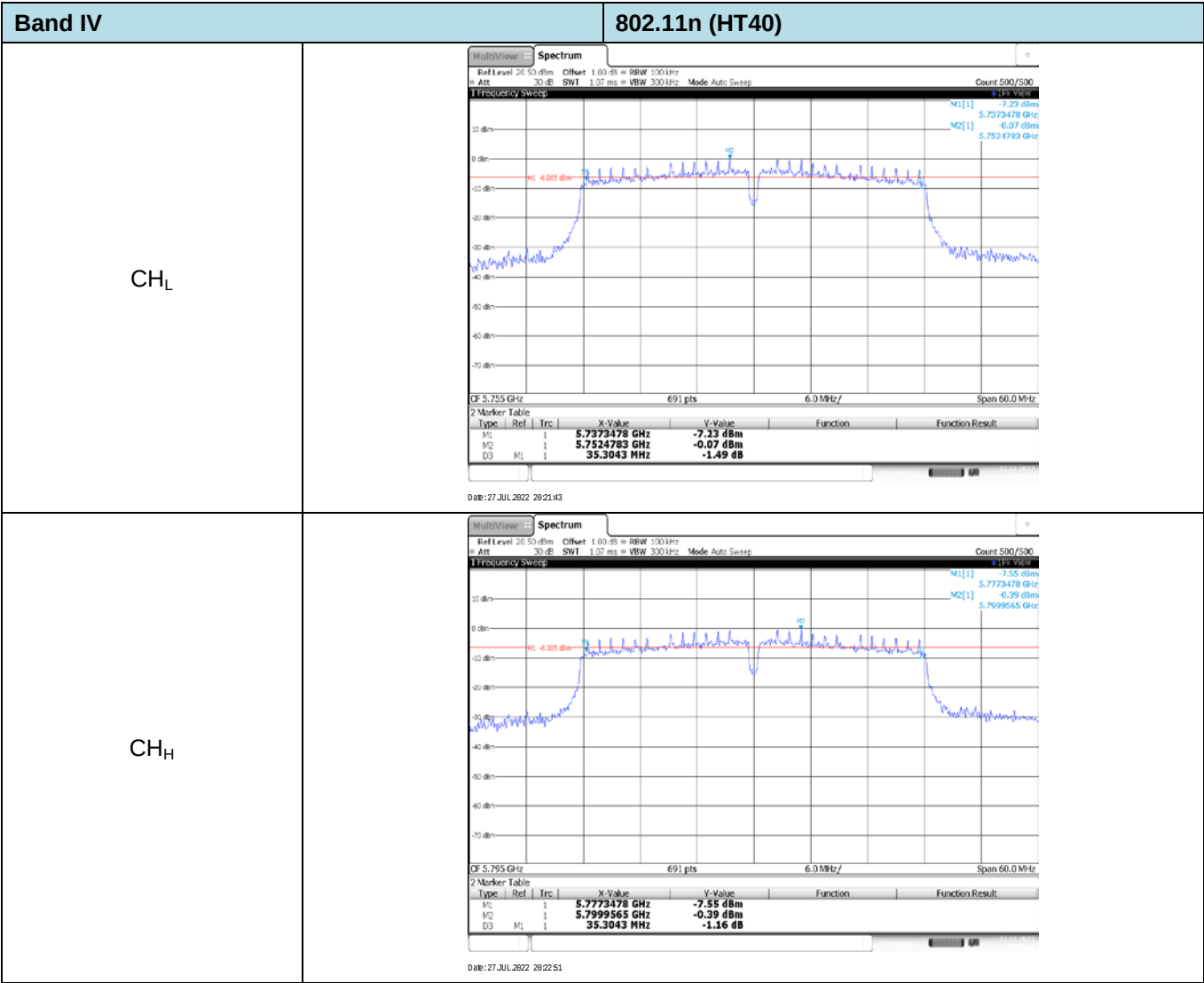
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	15.18	Pass
			CH _M	15.21	
			CH _H	15.18	
		802.11n	CH _L	15.18	Pass
			CH _M	15.21	
			CH _H	15.18	
		802.11a	CH _L	15.18	Pass
			CH _M	15.18	
			CH _H	15.18	
	40	802.11ac	CH _L	35.22	Pass
			CH _H	35.22	
		802.11n	CH _L	35.30	Pass
			CH _H	35.30	
	80	802.11ac	CH _M	75.48	Pass

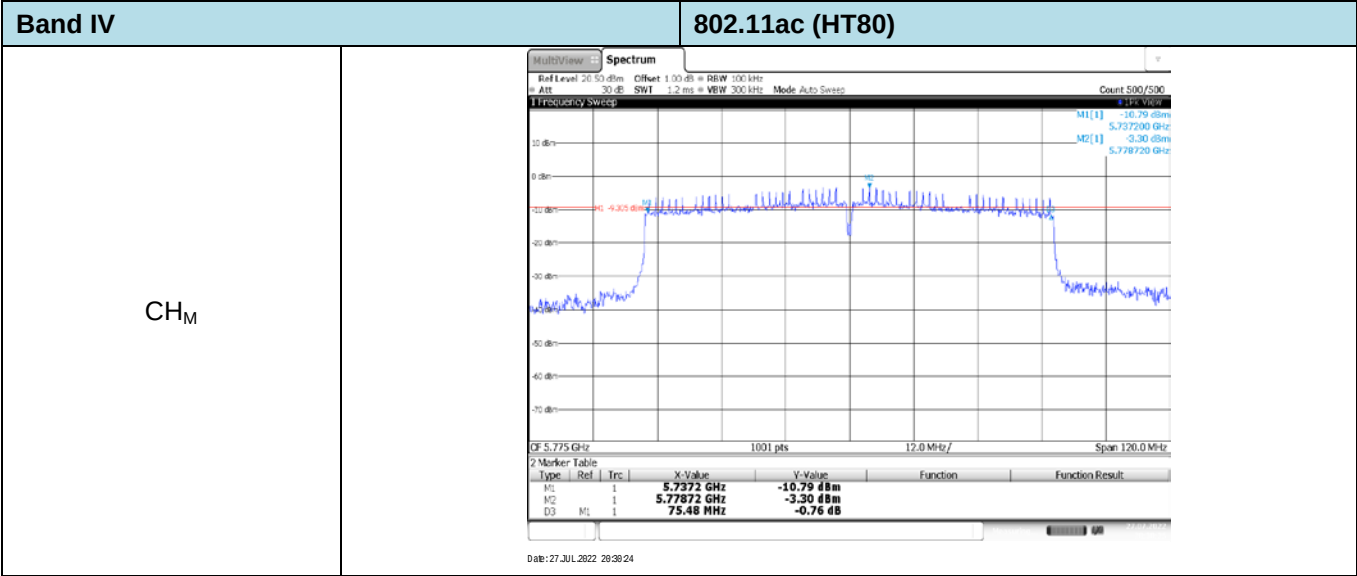












Appendix G: Frequency stability**Voltage VS Frequency stability**

Band: I				Test Frequency: 5180.00MHz		
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T _N	V _L	-17000.00	-17000.00	-3.28185	-3.28185	PASS
T _N	V _N	-15000.00	-17000.00	-2.89575	-3.28185	PASS
T _N	V _H	-17000.00	-17000.00	-3.28185	-3.28185	PASS

Band: II				Test Frequency: 5260.00MHz		
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T _N	V _L	-17000.00	-17000.00	-3.23194	-3.23194	PASS
T _N	V _N	-15000.00	-15000.00	-2.85171	-2.85171	PASS
T _N	V _H	-18000.00	-15000.00	-3.42205	-2.85171	PASS

Band: III				Test Frequency: 5500.00MHz		
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T _N	V _L	-18000.00	-17000.00	-3.27273	-3.09091	PASS
T _N	V _N	-17000.00	-17000.00	-3.09091	-3.09091	PASS
T _N	V _H	-18000.00	-17000.00	-3.27273	-3.09091	PASS

Band: IV				Test Frequency: 5745.00MHz		
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T _N	V _L	-19000.00	-17000.00	-3.30722	-2.95910	PASS
T _N	V _N	-17000.00	-20000.00	-2.95910	-3.48129	PASS
T _N	V _H	-20000.00	-20000.00	-3.48129	-3.48129	PASS

Temperature VS Frequency stability

Band: I				Test Frequency: 5180.00MHz		
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V _N	-20	-18000.00	-18000.00	-3.47490	-3.47490	PASS
V _N	-10	-18000.00	-18000.00	-3.47490	-3.47490	PASS
V _N	0	-18000.00	-18000.00	-3.47490	-3.47490	PASS
V _N	10	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V _N	20	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V _N	30	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V _N	40	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V _N	50	-18000.00	-17000.00	-3.47490	-3.28185	PASS

Band: II				Test Frequency: 5260.00MHz		
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V _N	-20	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	-10	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	0	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	10	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	20	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	30	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	40	-19000.00	-15000.00	-3.61217	-2.85171	PASS
V _N	50	-19000.00	-15000.00	-3.61217	-2.85171	PASS

Band: III				Test Frequency: 5500.00MHz		
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V _N	-20	-19000.00	-19000.00	-3.45455	-3.45455	PASS
V _N	-10	-19000.00	-19000.00	-3.45455	-3.45455	PASS
V _N	0	-19000.00	-19000.00	-3.45455	-3.45455	PASS
V _N	10	-19000.00	-19000.00	-3.45455	-3.45455	PASS
V _N	20	-19000.00	-19000.00	-3.45455	-3.45455	PASS
V _N	30	-19000.00	-19000.00	-3.45455	-3.45455	PASS
V _N	40	-20000.00	-20000.00	-3.63636	-3.63636	PASS
V _N	50	-20000.00	-20000.00	-3.63636	-3.63636	PASS

Band: IV				Test Frequency: 5745.00MHz		
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V _N	-20	-20000.00	-20000.00	-3.48129	-3.48129	PASS
V _N	-10	-21000.00	-21000.00	-3.65535	-3.65535	PASS
V _N	0	-21000.00	-21000.00	-3.65535	-3.65535	PASS
V _N	10	-21000.00	-21000.00	-3.65535	-3.65535	PASS
V _N	20	-21000.00	-21000.00	-3.65535	-3.65535	PASS
V _N	30	-21000.00	-21000.00	-3.65535	-3.65535	PASS
V _N	40	-21000.00	-21000.00	-3.65535	-3.65535	PASS
V _N	50	-21000.00	-21000.00	-3.65535	-3.65535	PASS

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