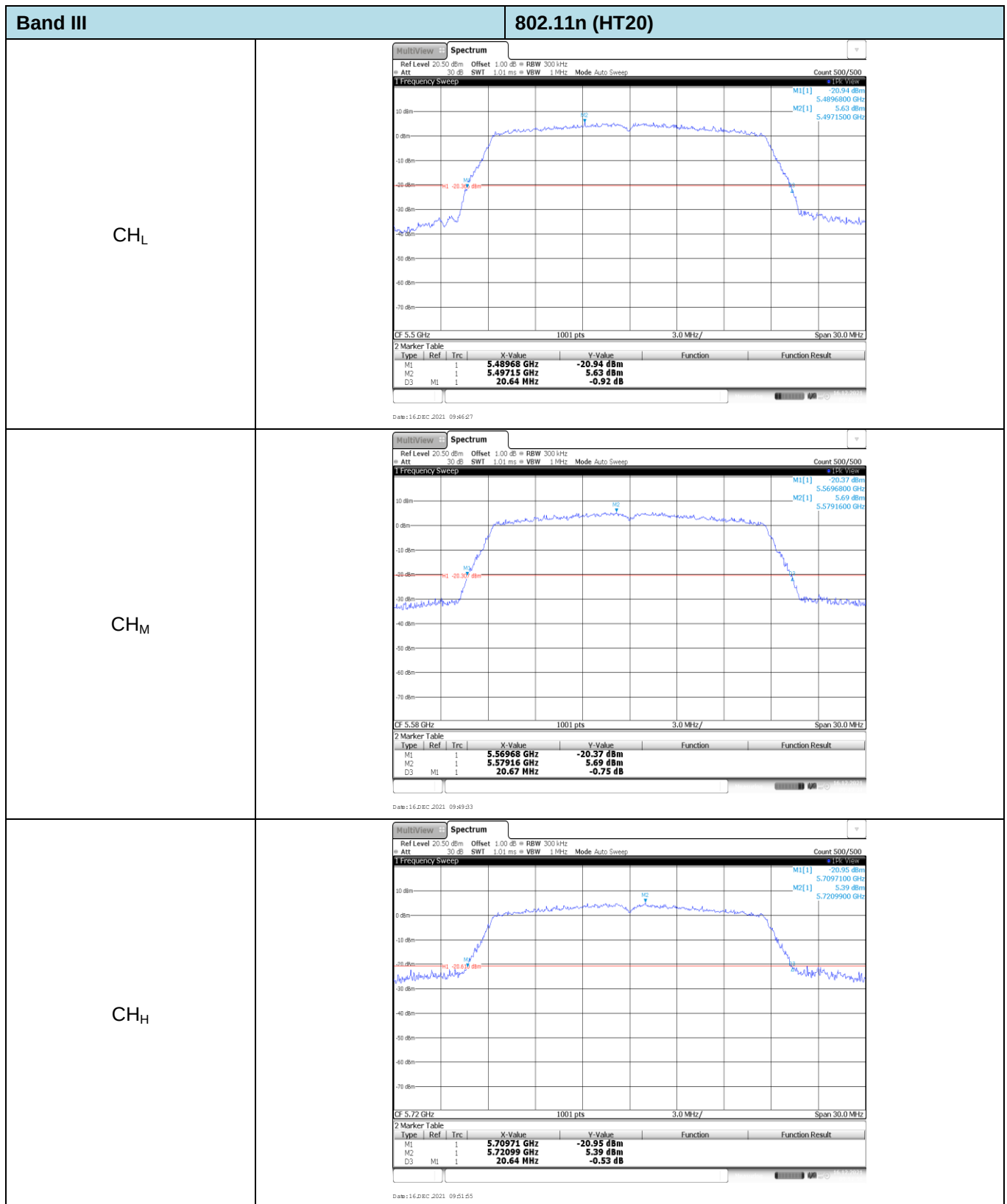




Band III

802.11a

CH_L

MultiView Spectrum
Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz
AT 30 dB SW 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500

1 Frequency Sweep
M1[1] 20.62 dBm
M2[1] 5.489600 GHz
M2[1] 5.94 dBm
M2[1] 5.498440 GHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1	1	5.48986 GHz	-20.62 dBm		
M2	1	1	5.49844 GHz	5.94 dBm		
D3	M1	1	20.28 MHz	-0.02 dB		

CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Date: 16 DEC 2021 09:41:11

CH_M

MultiView Spectrum
Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz
AT 30 dB SW 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500

1 Frequency Sweep
M1[1] 20.27 dBm
M2[1] 5.569900 GHz
M2[1] 6.17 dBm
M2[1] 5.5790400 GHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1	1	5.56989 GHz	-20.27 dBm		
M2	1	1	5.57904 GHz	6.17 dBm		
D3	M1	1	20.28 MHz	-0.01 dB		

CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Date: 16 DEC 2021 09:34:24

CH_H

MultiView Spectrum
Ref Level 20.50 dBm Offset 1.00 dB RBW 300 kHz
AT 30 dB SW 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500

1 Frequency Sweep
M1[1] 21.26 dBm
M2[1] 5.7097700 GHz
M2[1] 5.18 dBm
M2[1] 5.7189200 GHz

2 Marker Table

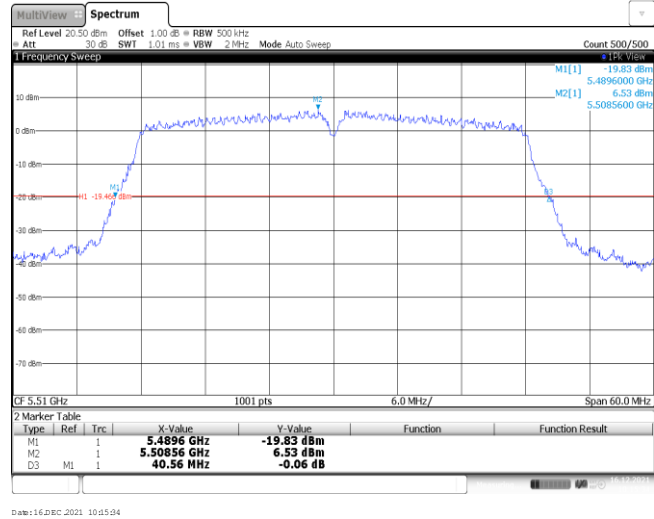
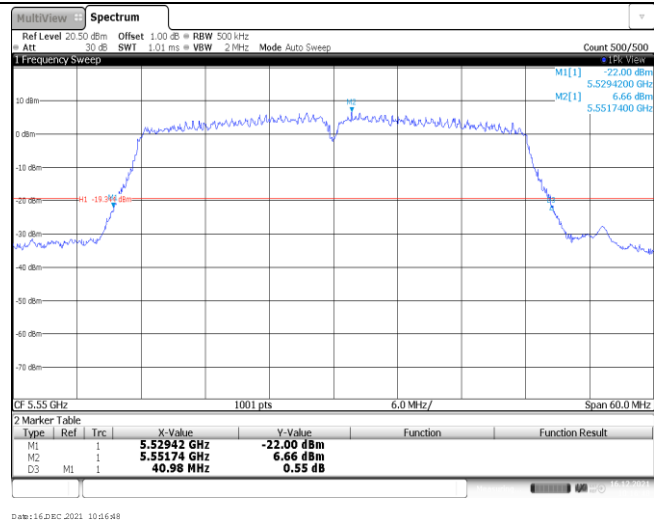
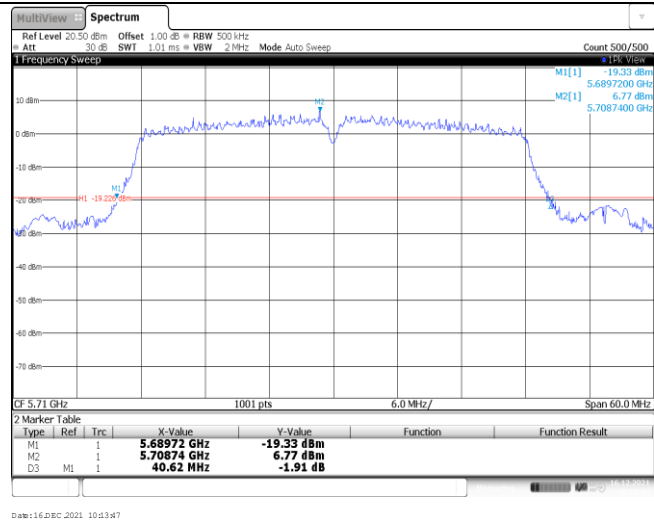
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1	1	5.70977 GHz	-21.26 dBm		
M2	1	1	5.71892 GHz	5.18 dBm		
D3	M1	1	20.79 MHz	-0.04 dB		

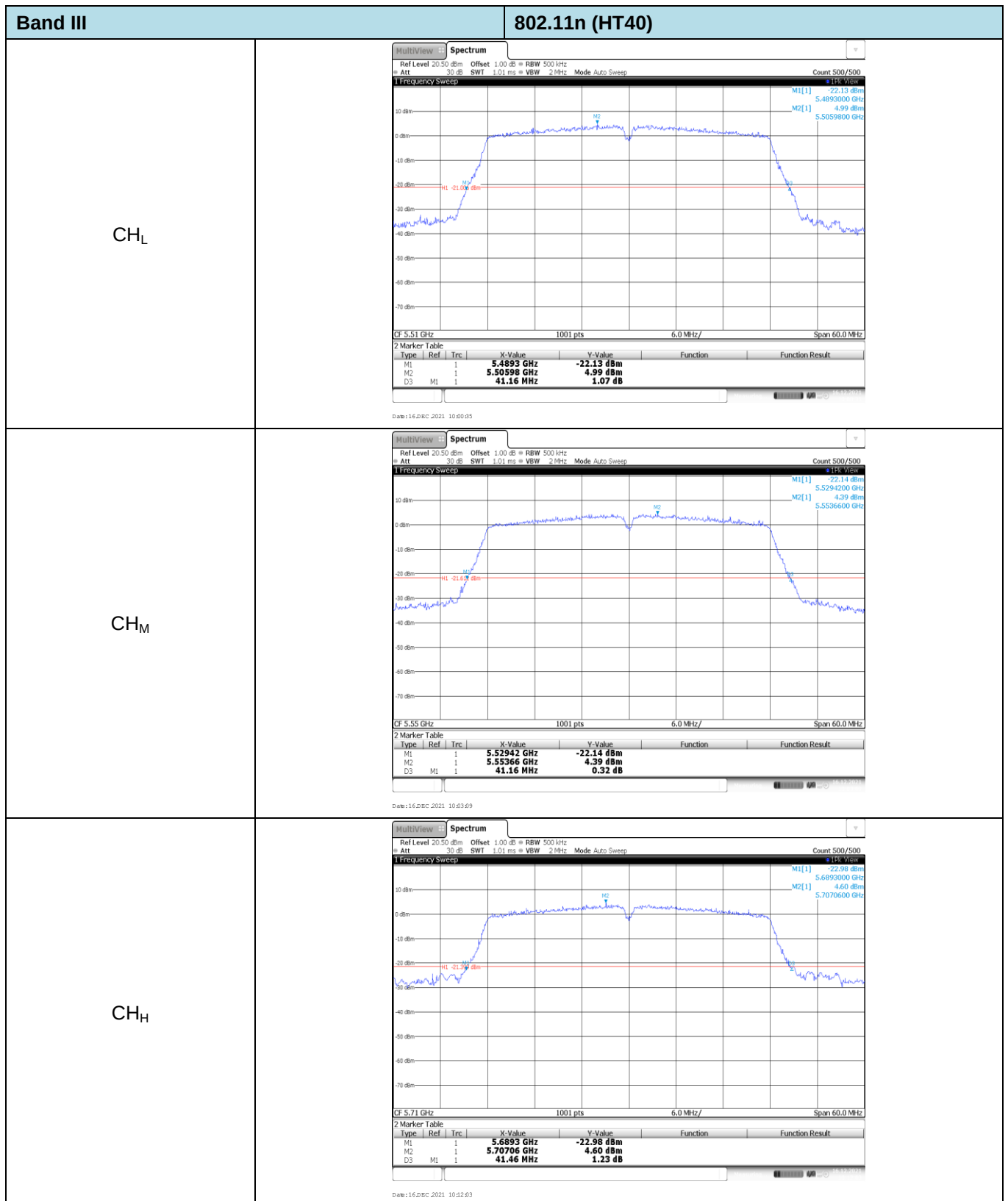
CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

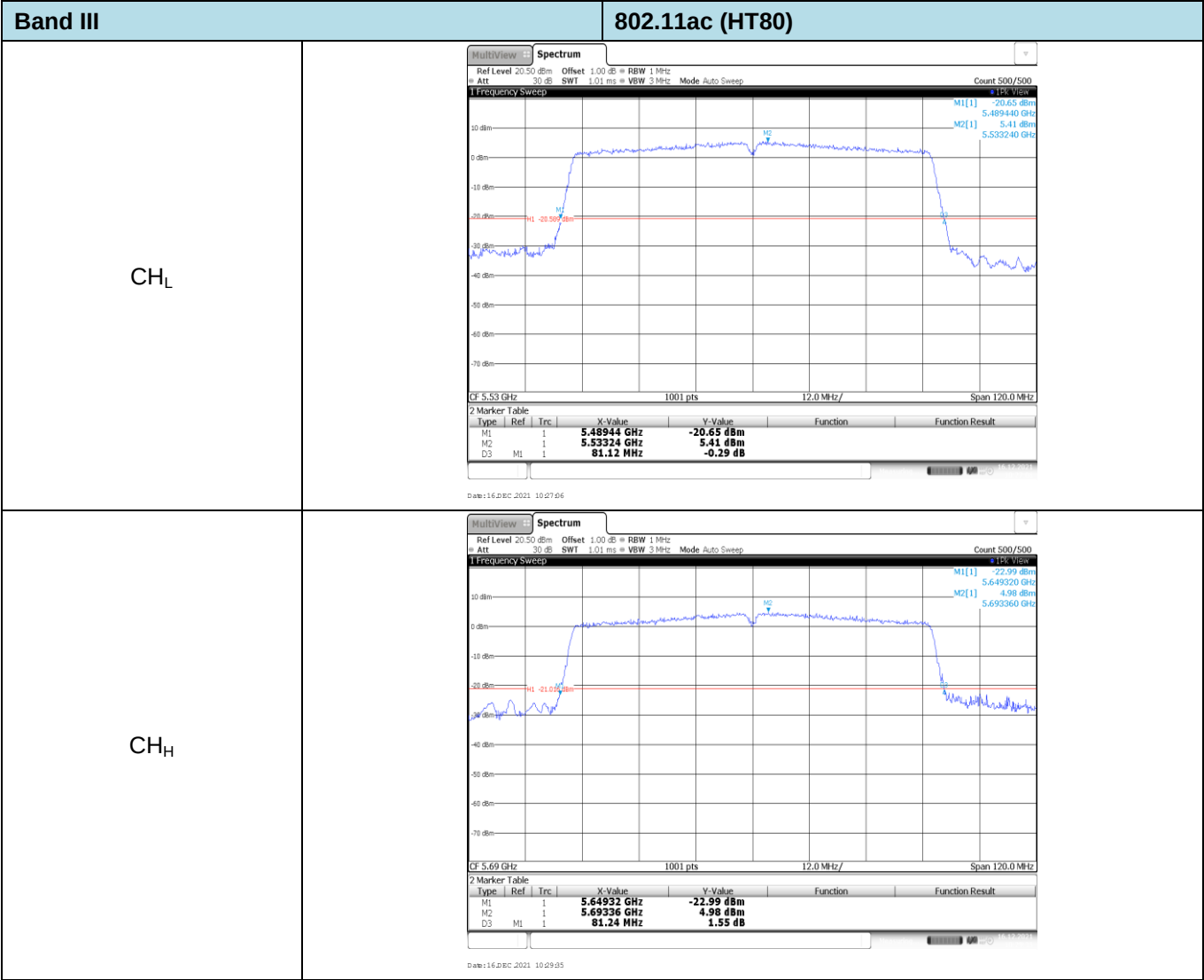
Date: 16 DEC 2021 09:42:22

Band III

802.11ac (HT40)

CH_LCH_MCH_H

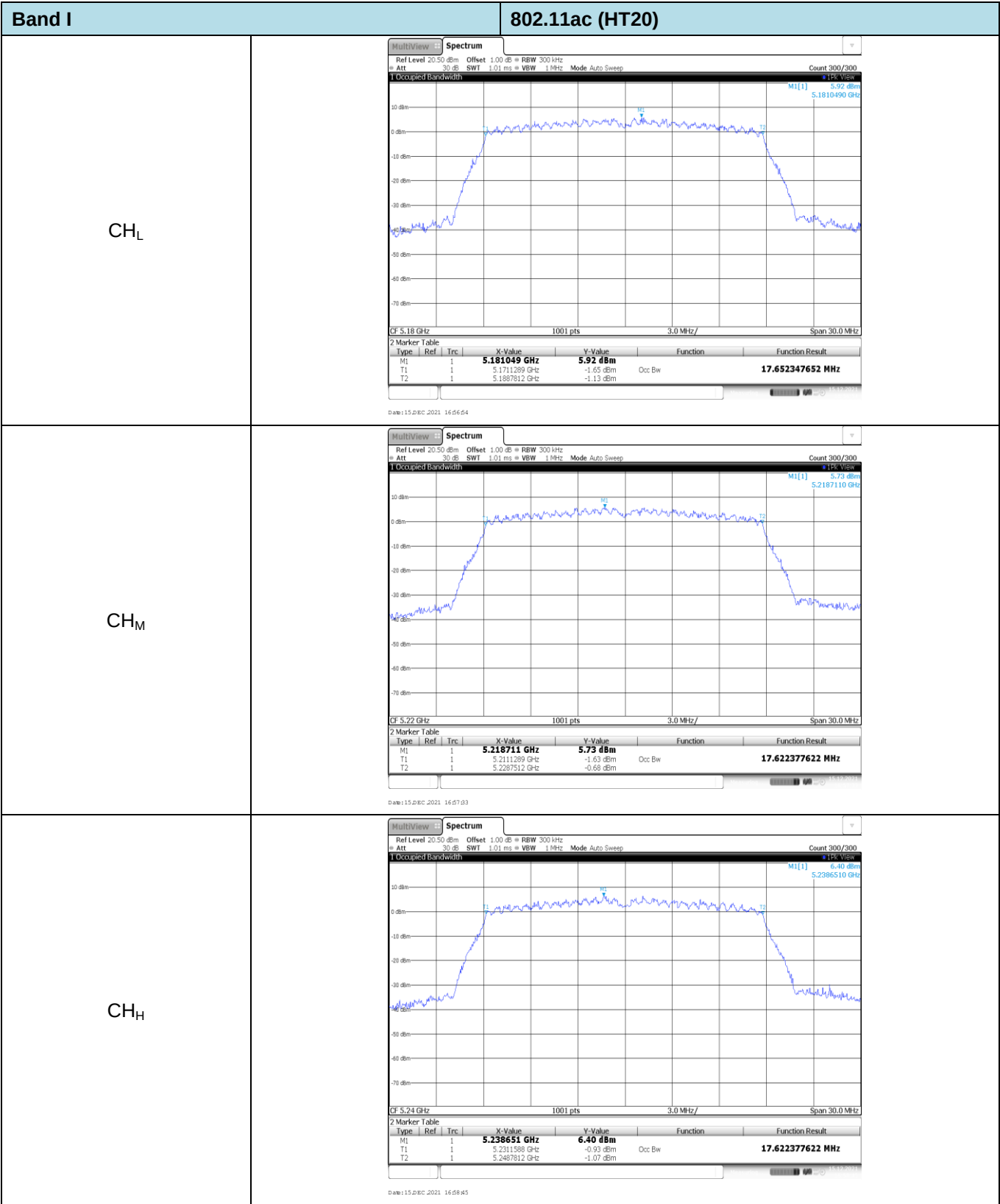


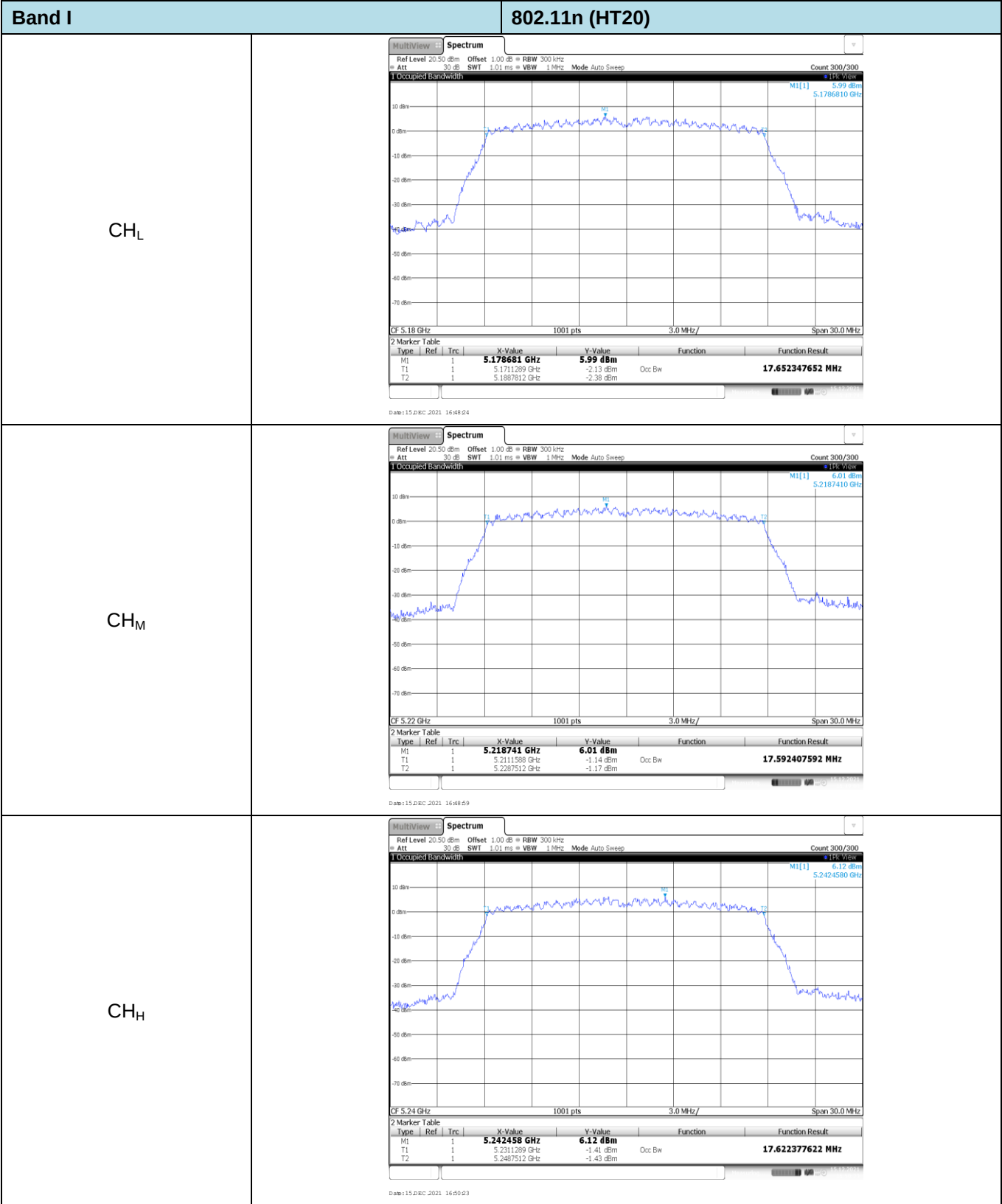


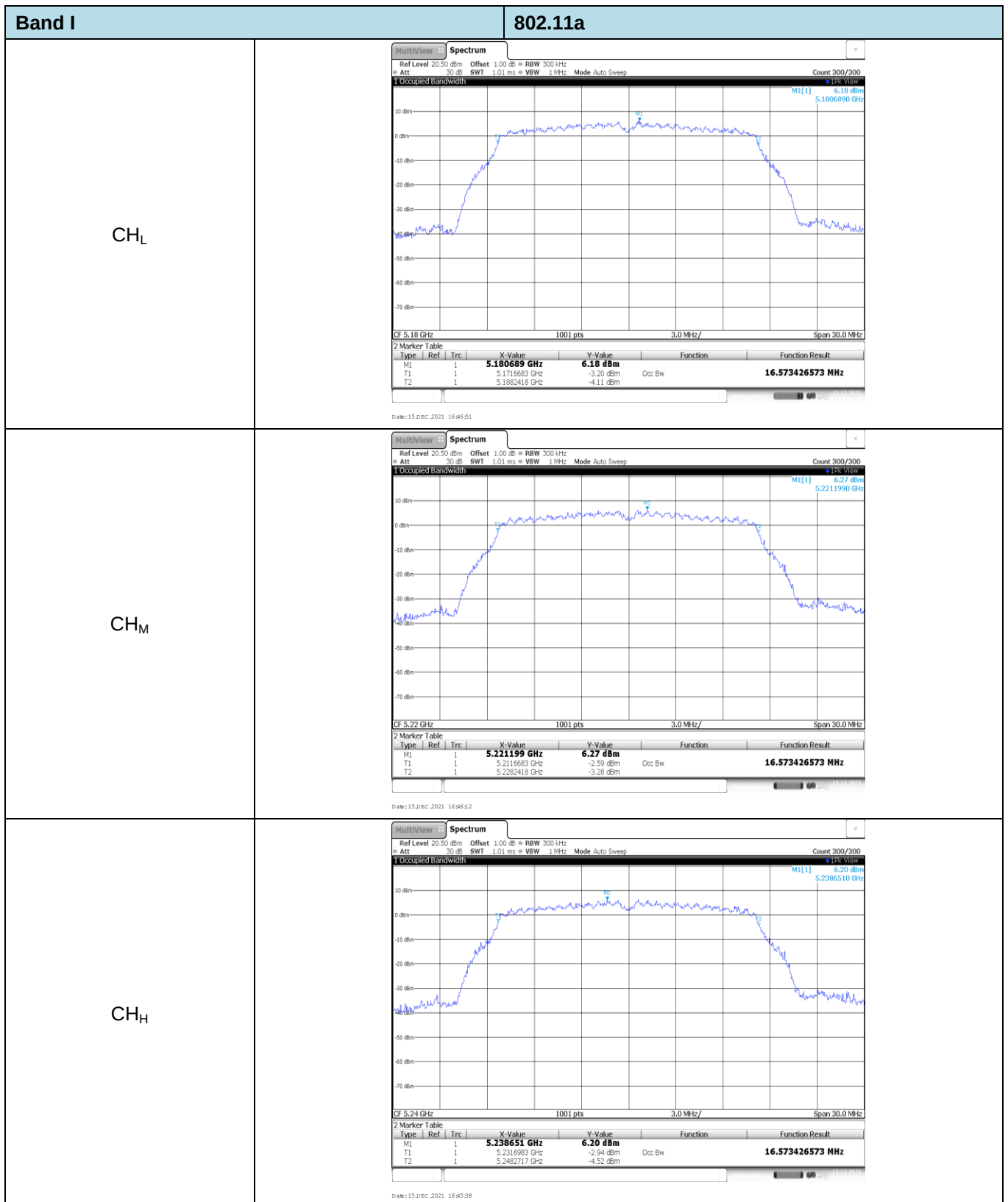
Appendix D: 99% Occupy bandwidth

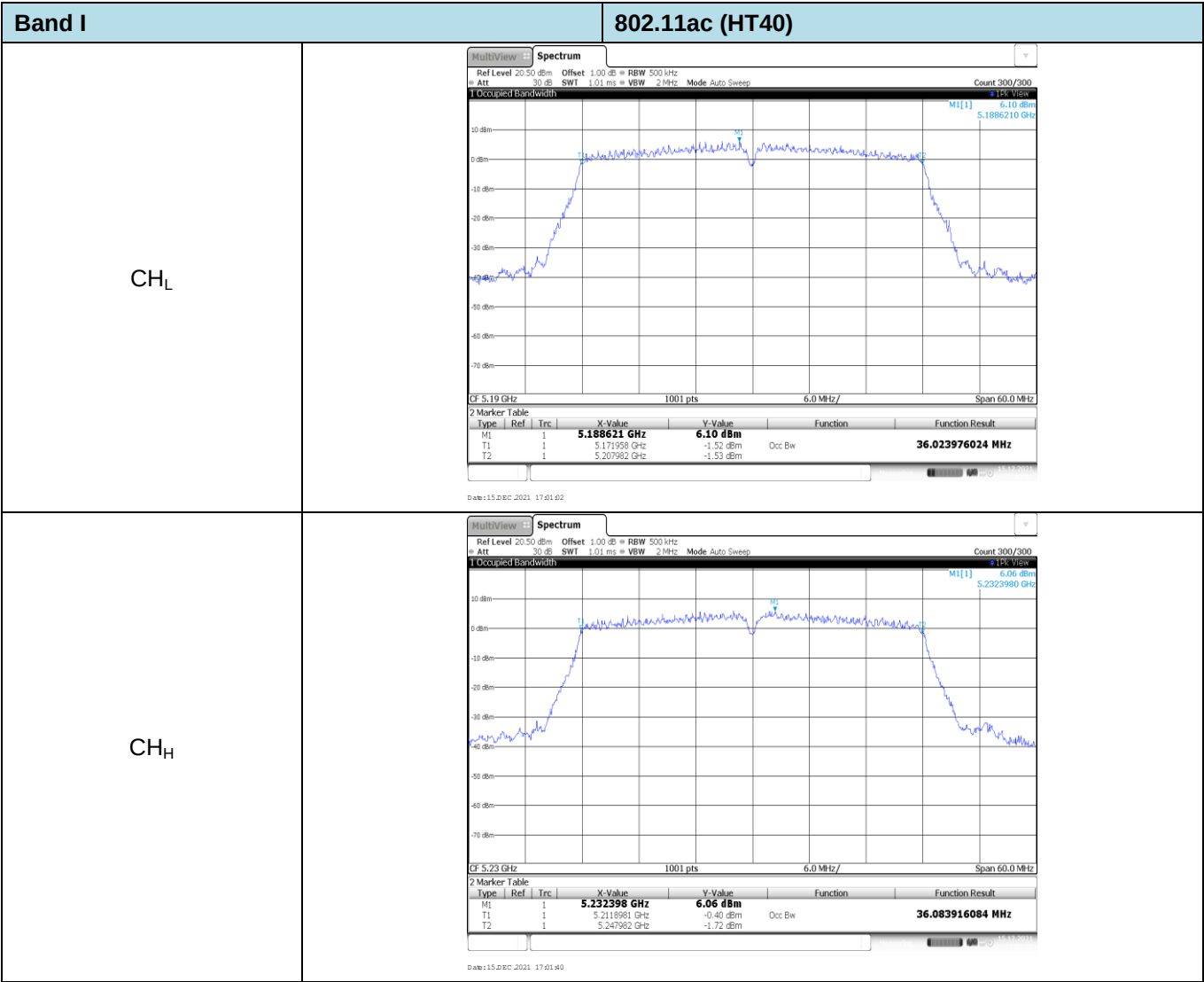
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
I	20	802.11ac	CH _L	17.65	Pass
			CH _M	17.62	
			CH _H	17.62	
		802.11n	CH _L	17.65	Pass
			CH _M	17.59	
			CH _H	17.62	
		802.11a	CH _L	16.57	Pass
			CH _M	16.57	
			CH _H	16.57	
	40	802.11ac	CH _L	36.02	Pass
			CH _H	36.08	
		802.11n	CH _L	36.08	Pass
			CH _H	36.02	
	80	802.11ac	CH _M	75.29	Pass
II	20	802.11ac	CH _L	17.65	Pass
			CH _M	17.65	
			CH _H	17.62	
		802.11n	CH _L	17.68	Pass
			CH _M	17.71	
			CH _H	17.68	
		802.11a	CH _L	16.72	Pass
			CH _M	16.69	
			CH _H	16.78	
	40	802.11ac	CH _L	35.96	Pass
			CH _H	35.96	
		802.11n	CH _L	36.14	Pass
			CH _H	36.20	
	80	802.11ac	CH _M	75.17	Pass

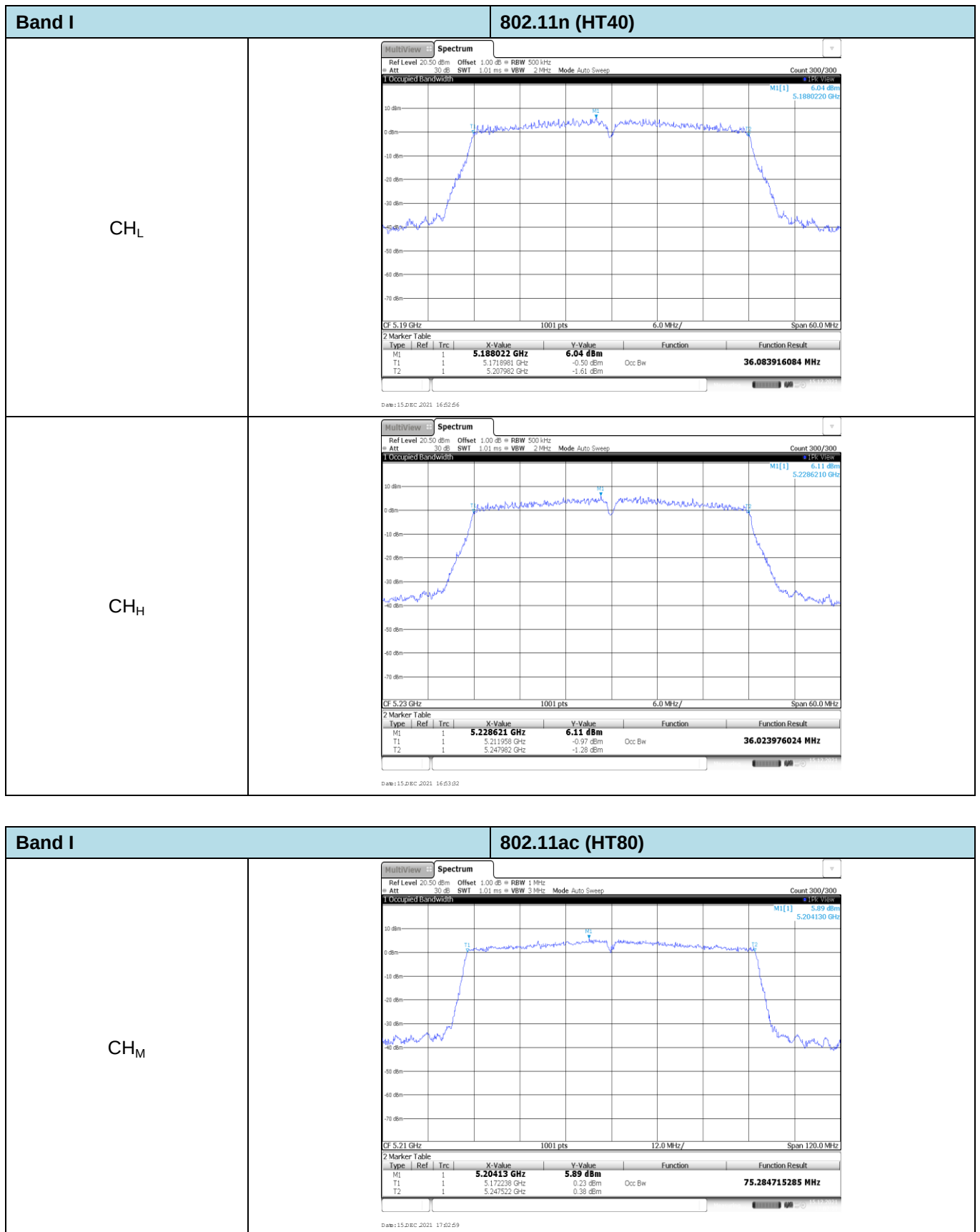
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
III	20	802.11ac	CH _L	17.62	Pass
			CH _M	17.62	
			CH _H	17.68	
		802.11n	CH _L	17.68	Pass
			CH _M	17.68	
			CH _H	17.77	
		802.11a	CH _L	16.72	Pass
			CH _M	16.57	
			CH _H	16.84	
	40	802.11ac	CH _L	36.08	Pass
			CH _M	36.02	
			CH _H	36.14	
		802.11n	CH _L	36.20	Pass
			CH _M	36.20	
			CH _H	36.20	
	80	802.11ac	CH _L	75.41	Pass
			CH _H	75.29	
IV	20	802.11ac	CH _L	17.74	Pass
			CH _M	17.89	
			CH _H	17.95	
		802.11n	CH _L	17.92	Pass
			CH _M	18.04	
			CH _H	18.04	
		802.11a	CH _L	16.90	Pass
			CH _M	17.14	
			CH _H	17.20	
	40	802.11ac	CH _L	36.20	Pass
			CH _H	36.26	
		802.11n	CH _L	36.38	Pass
			CH _H	36.56	
	80	802.11ac	CH _M	75.76	Pass

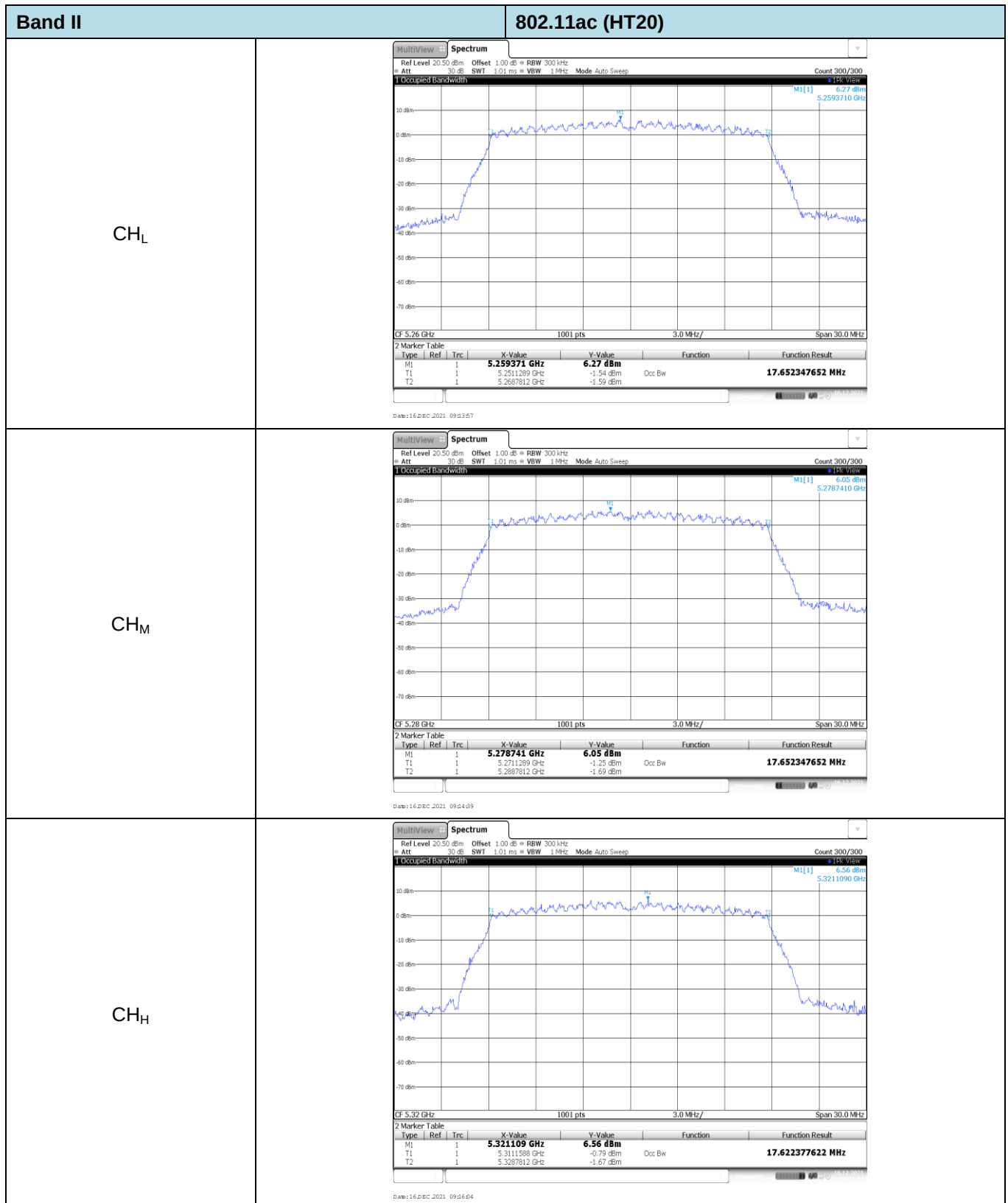


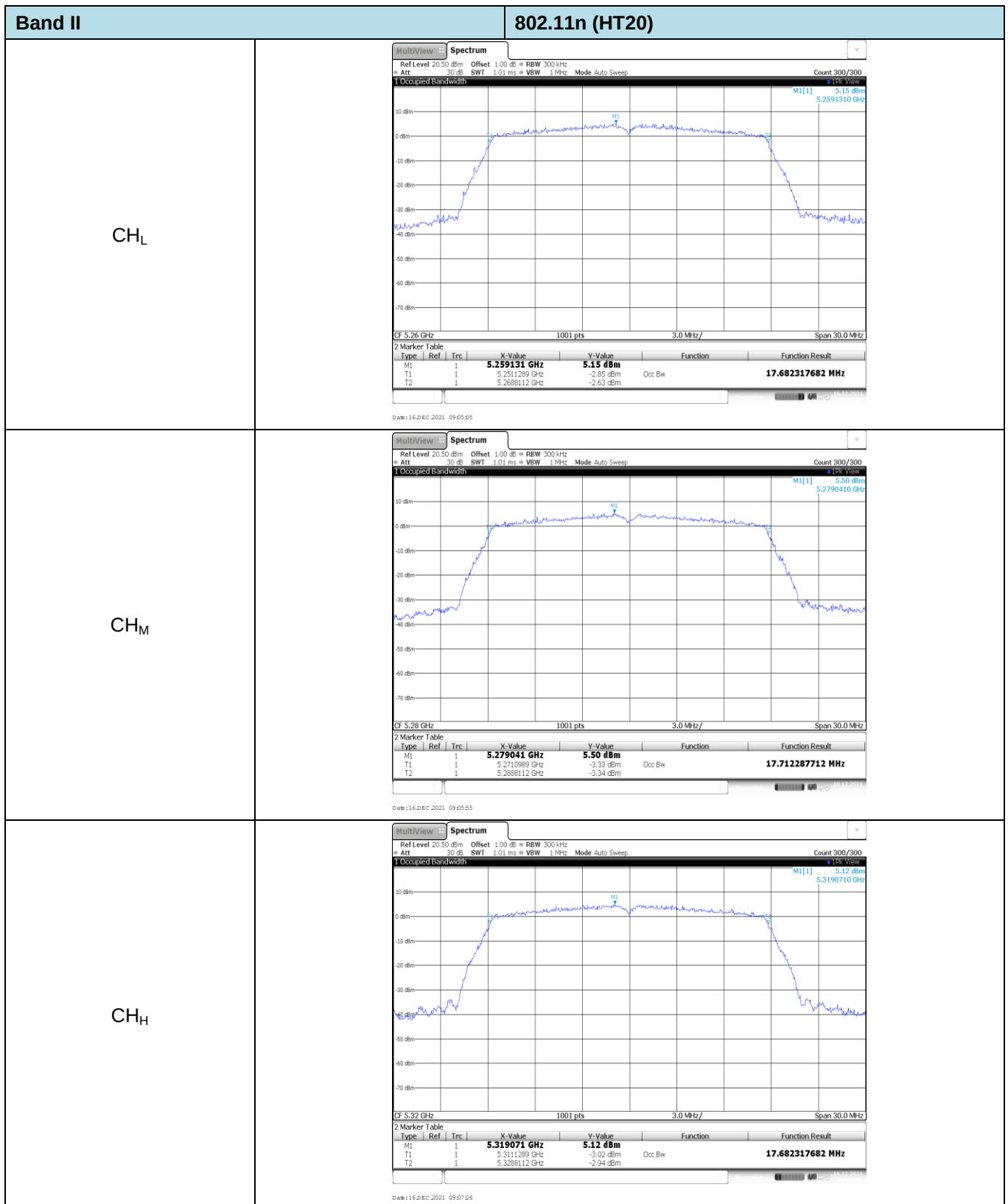






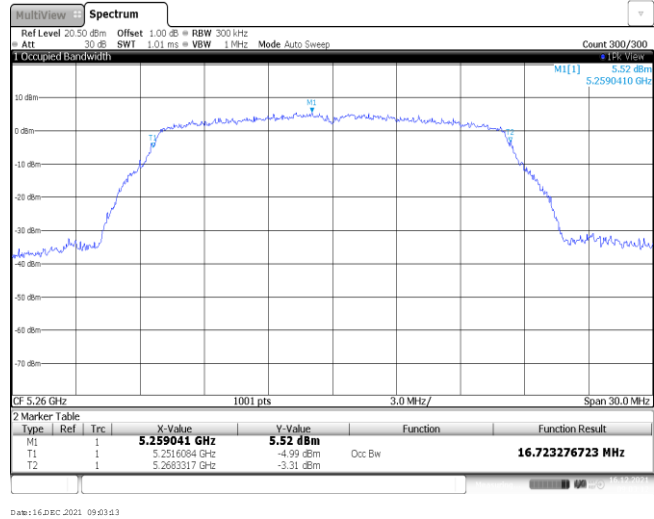
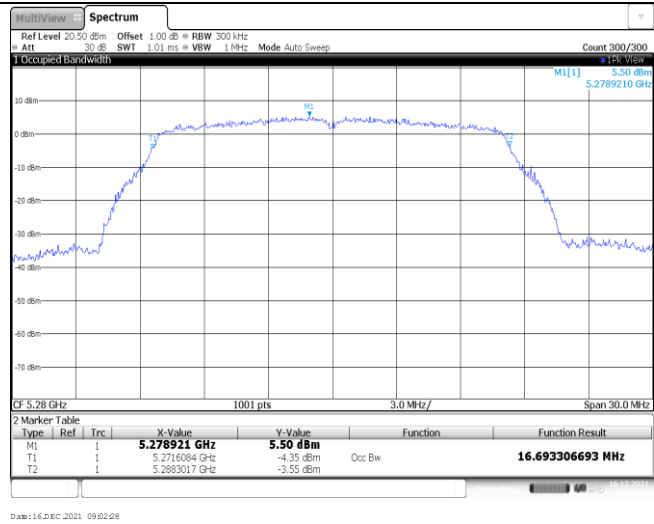
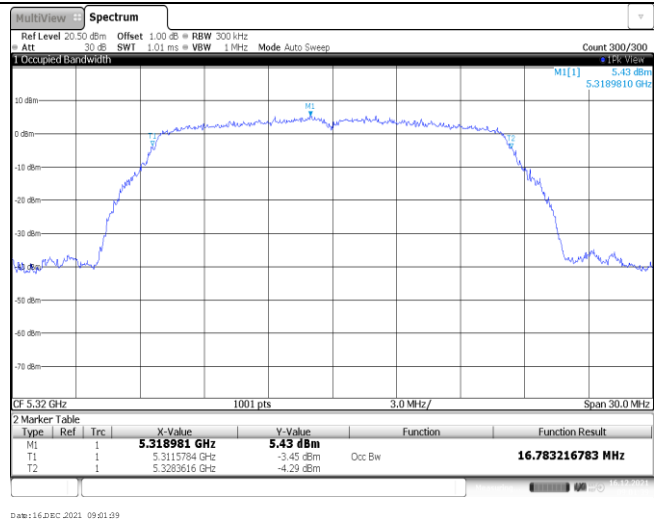


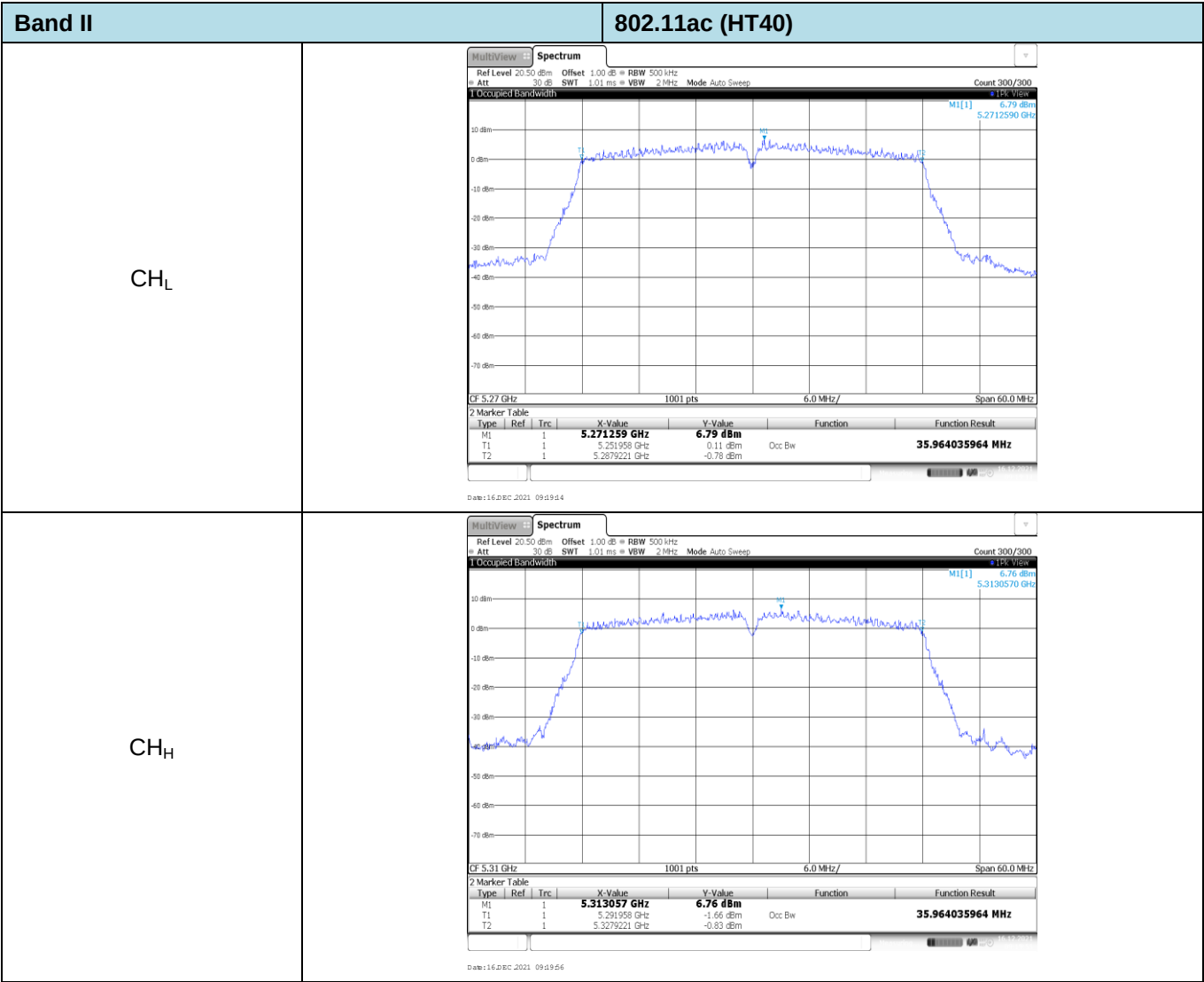


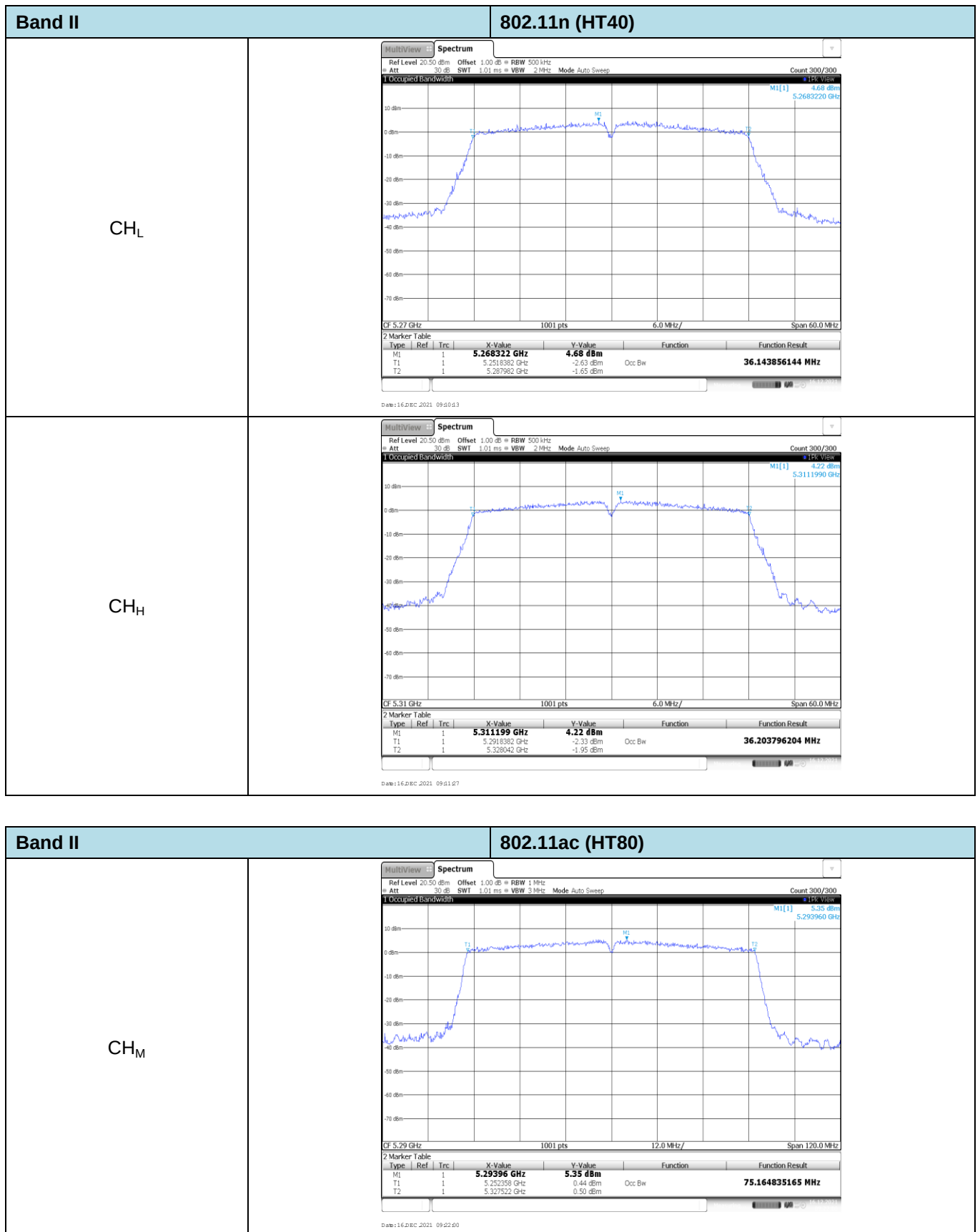


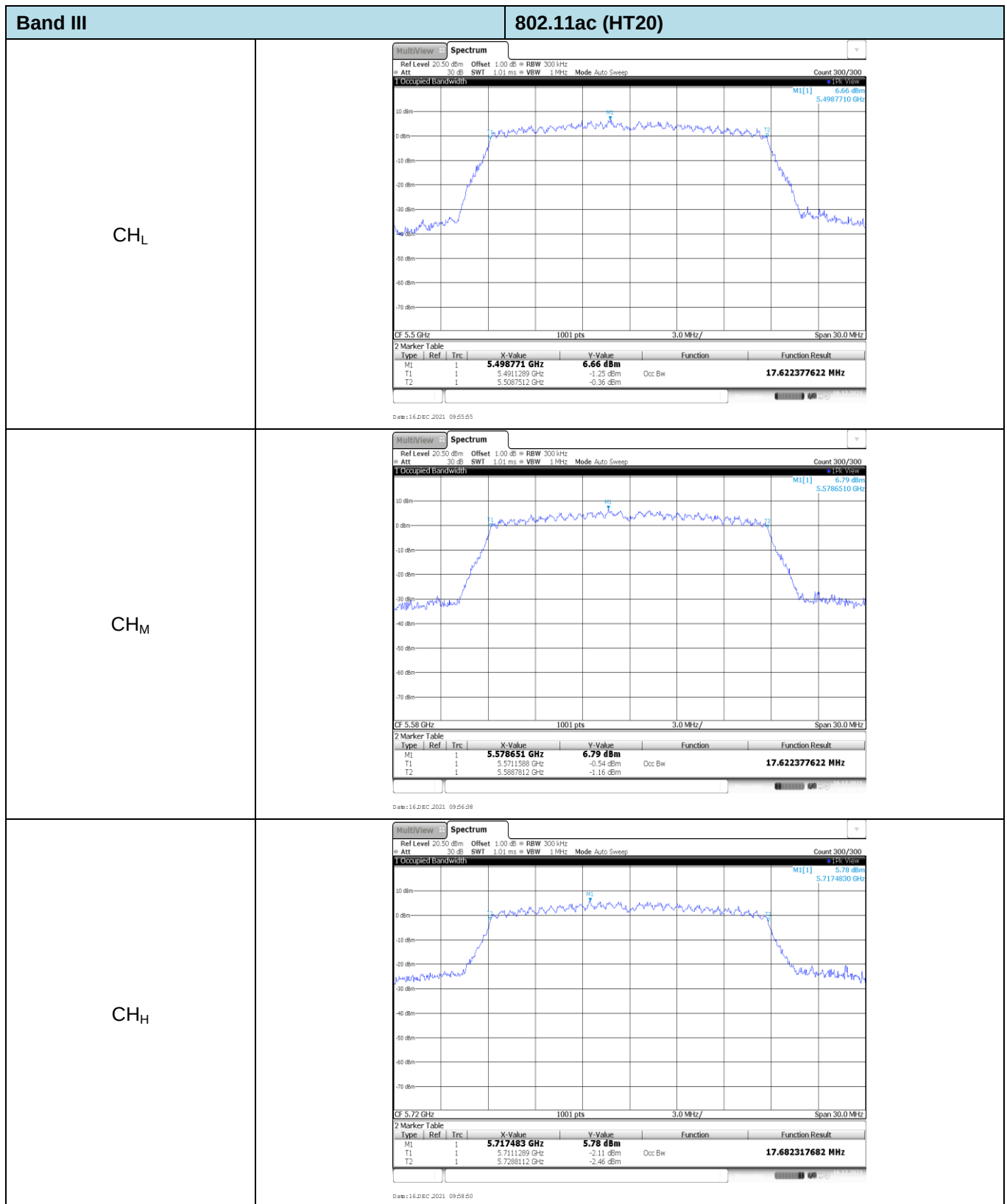
Band II

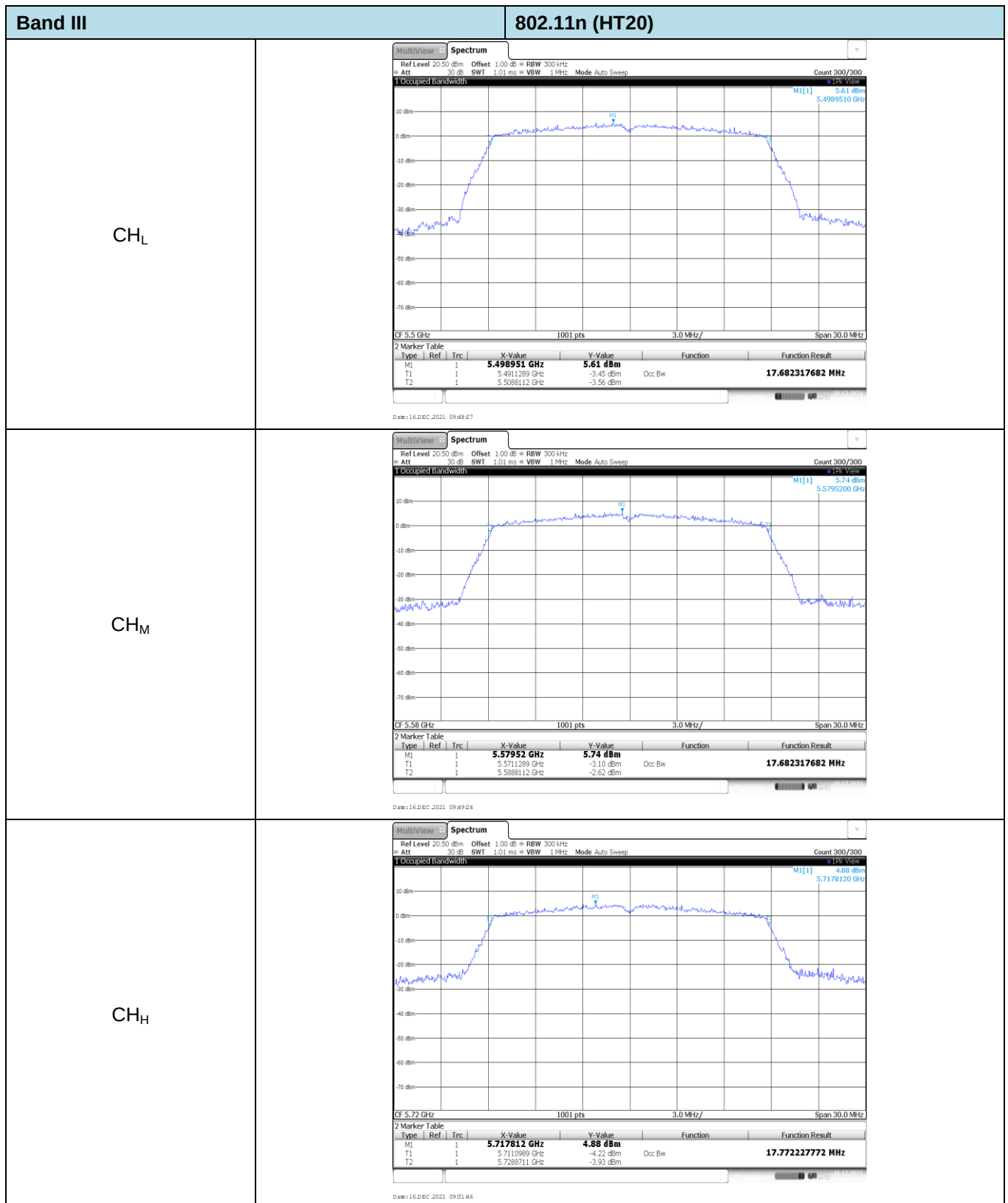
802.11a

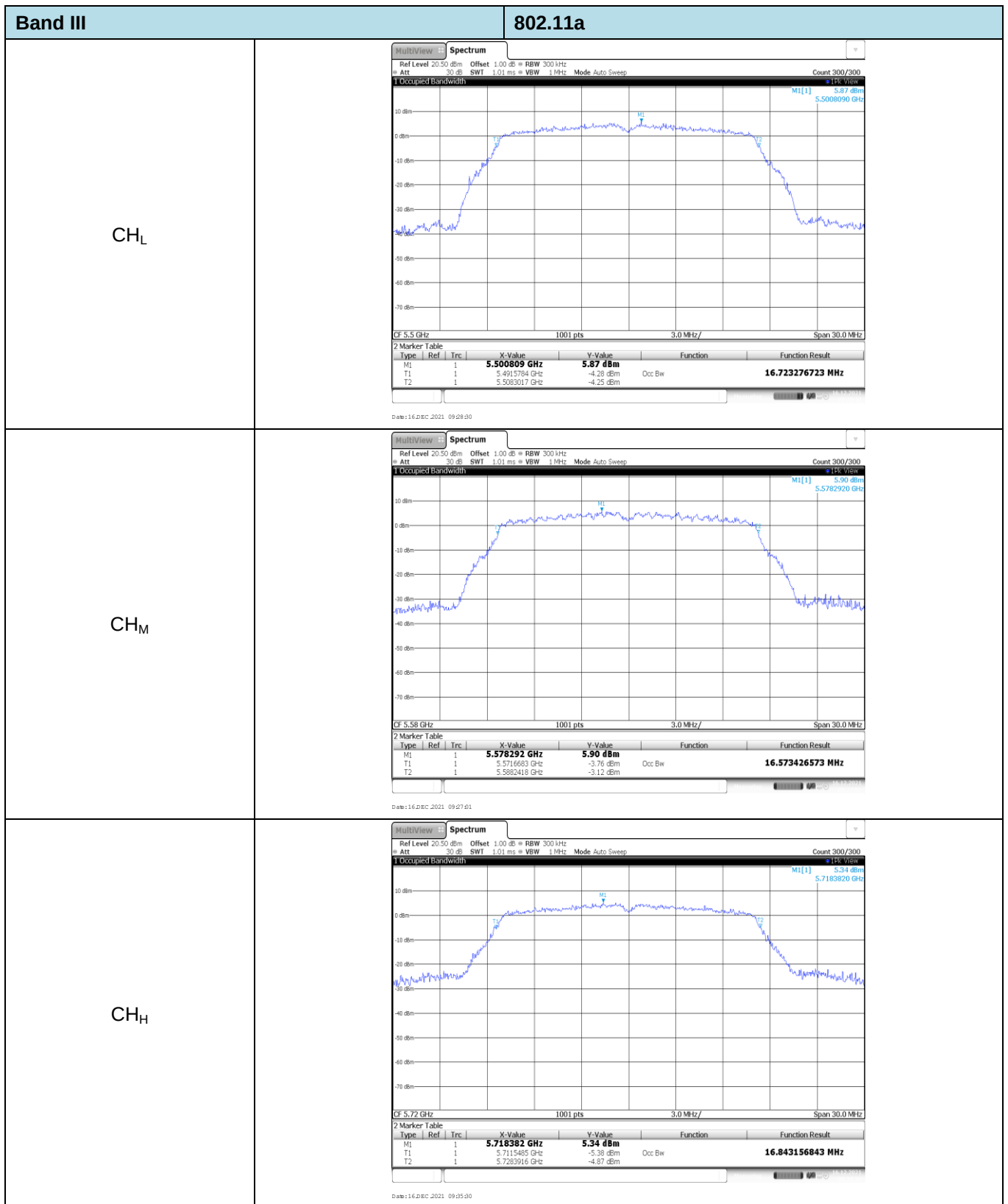
CH_LCH_MCH_H

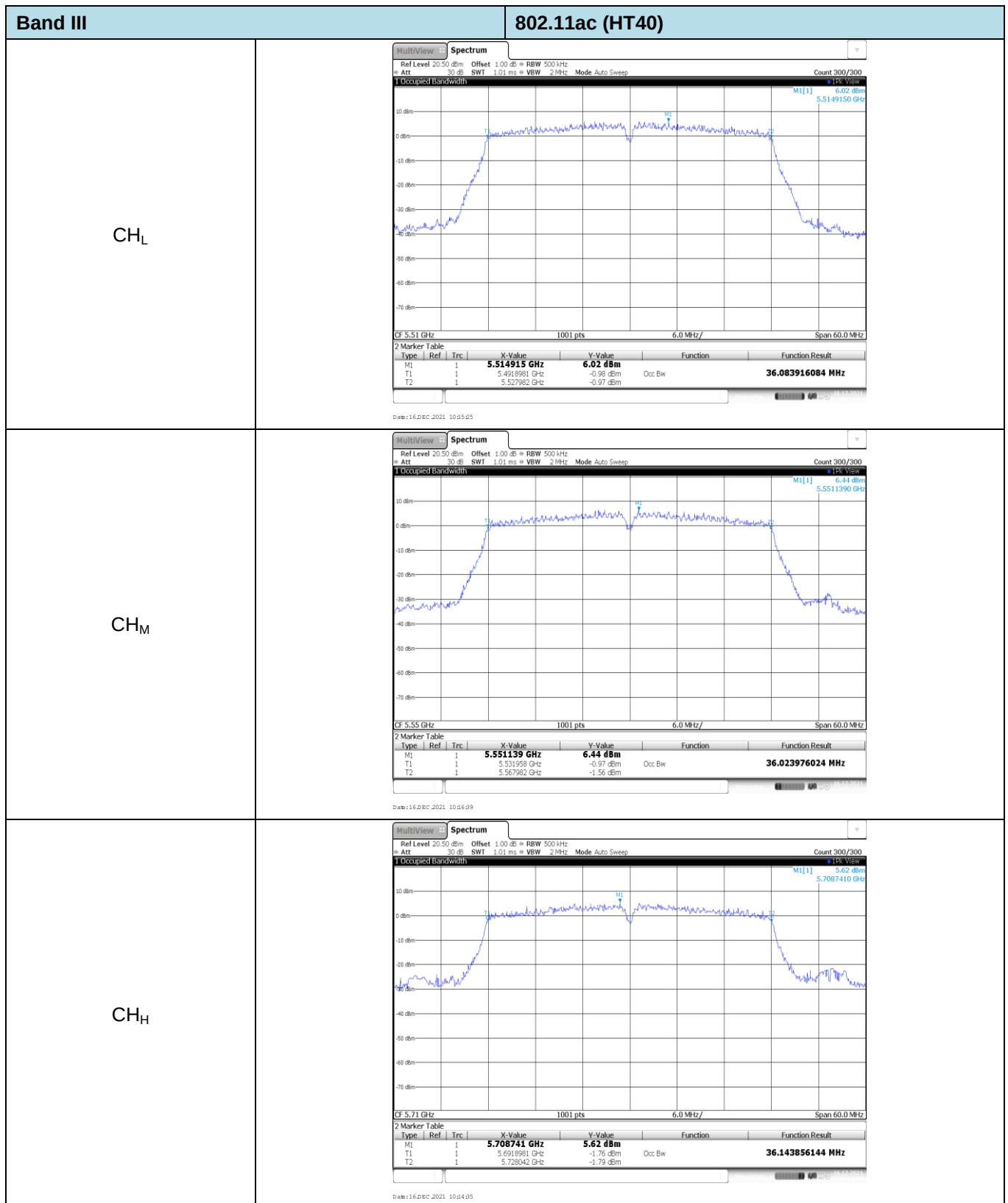


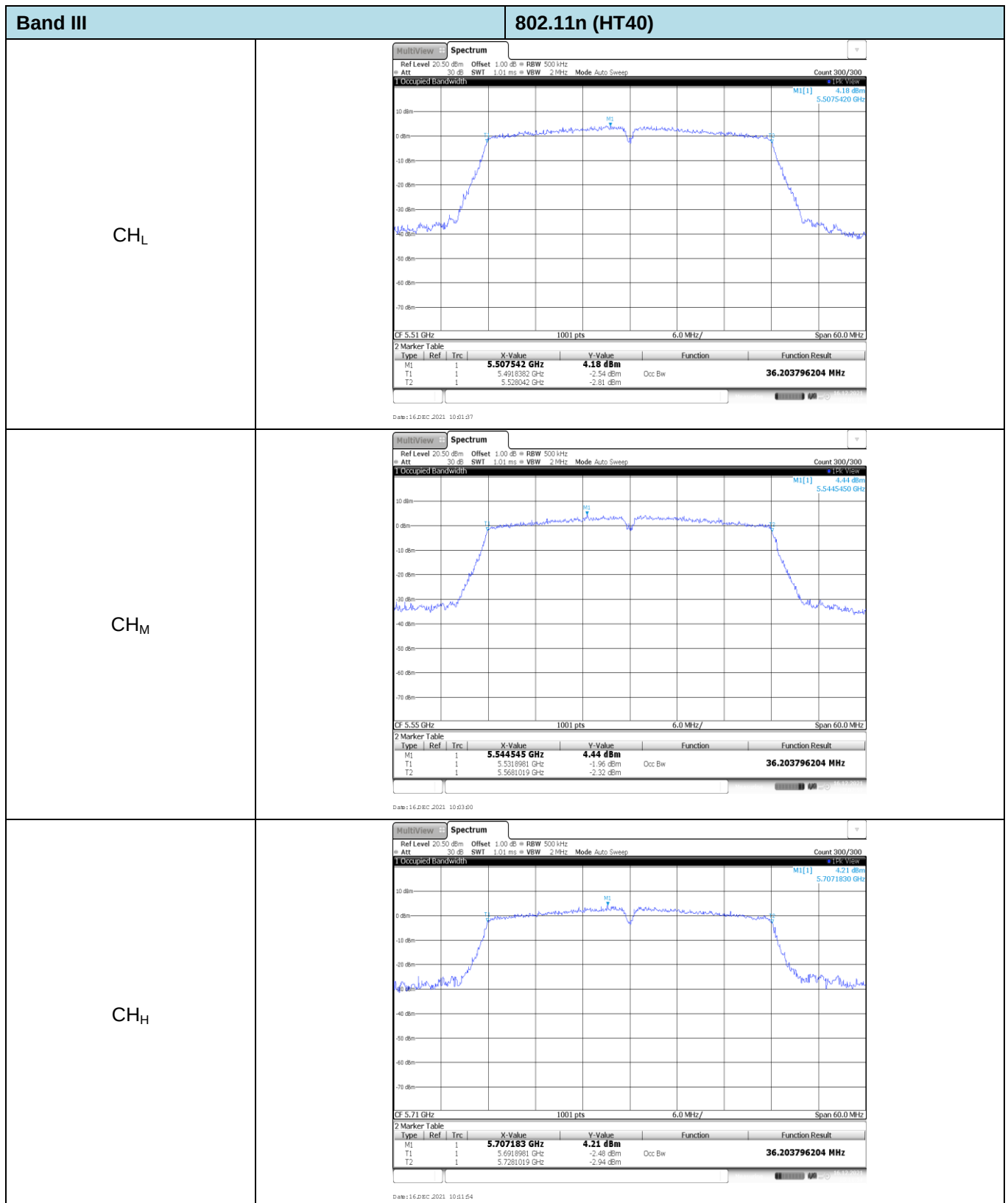


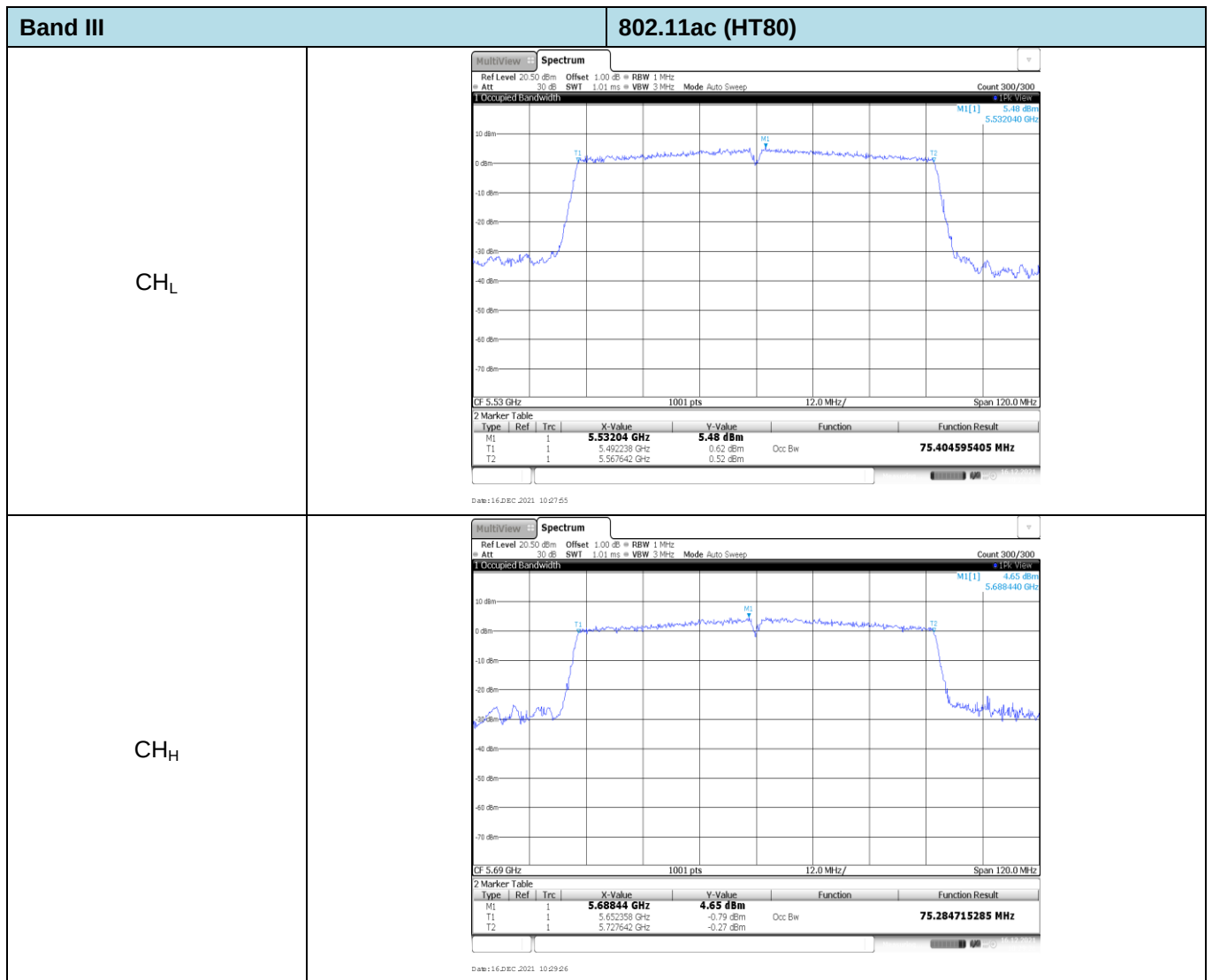


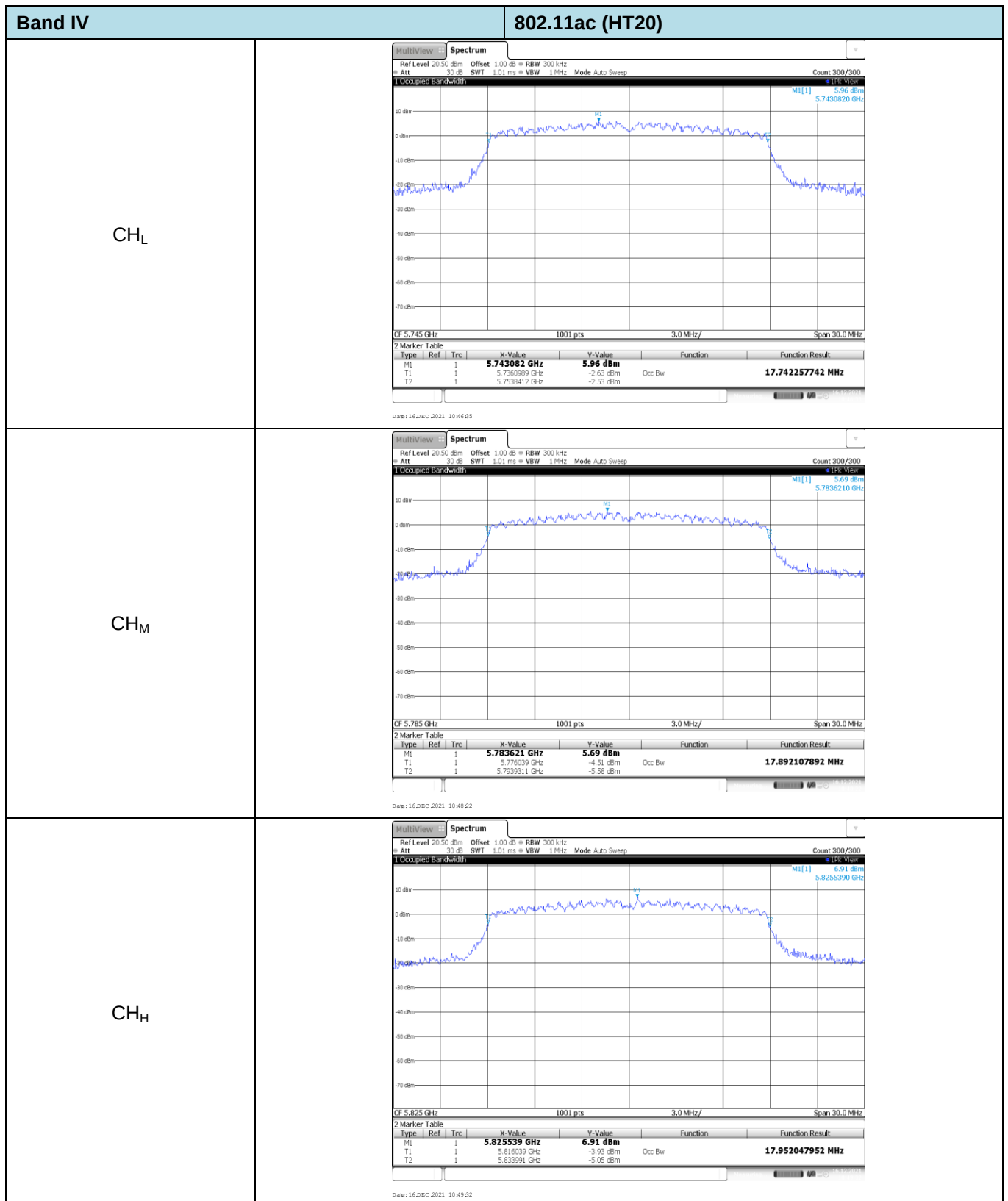


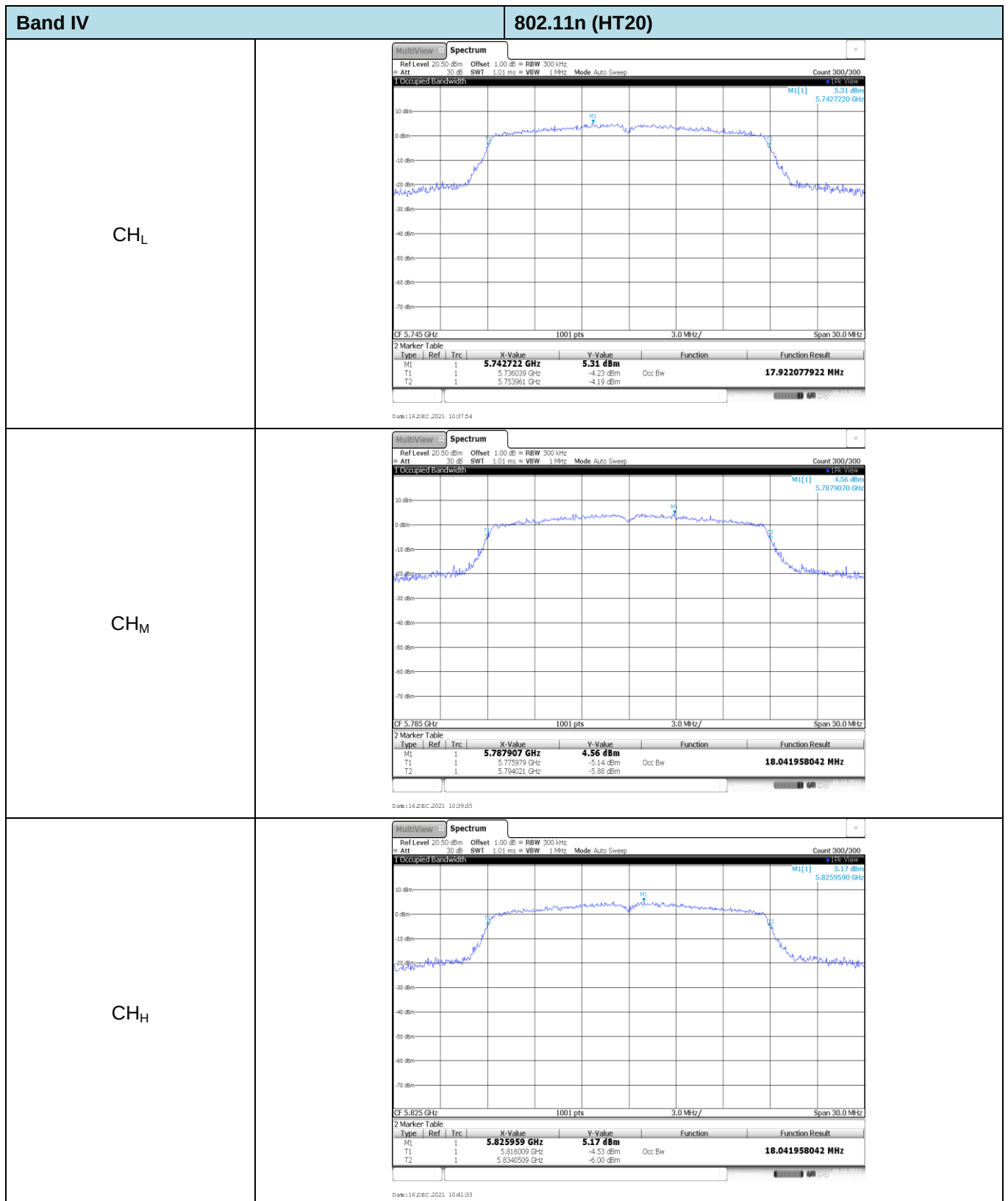


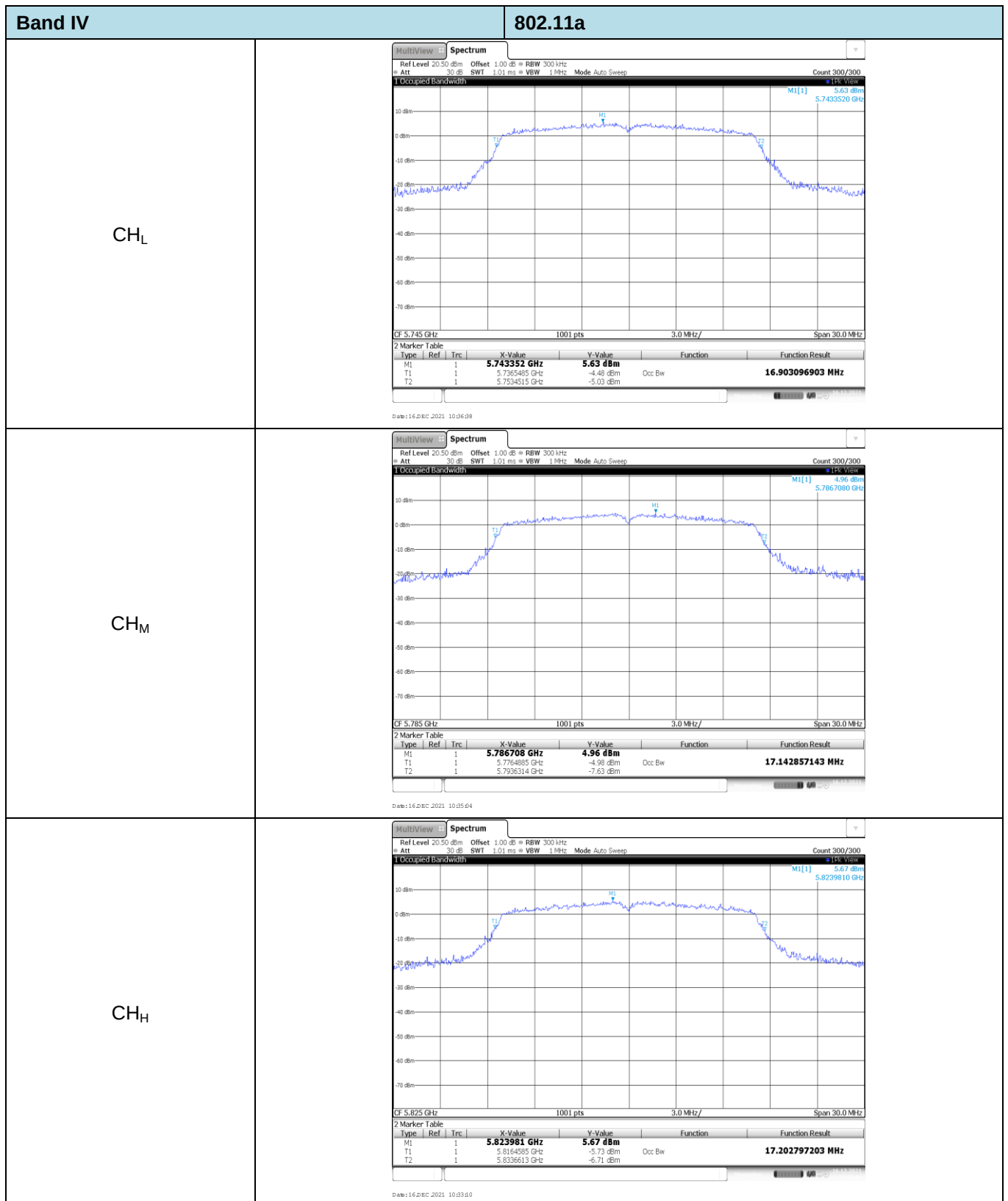


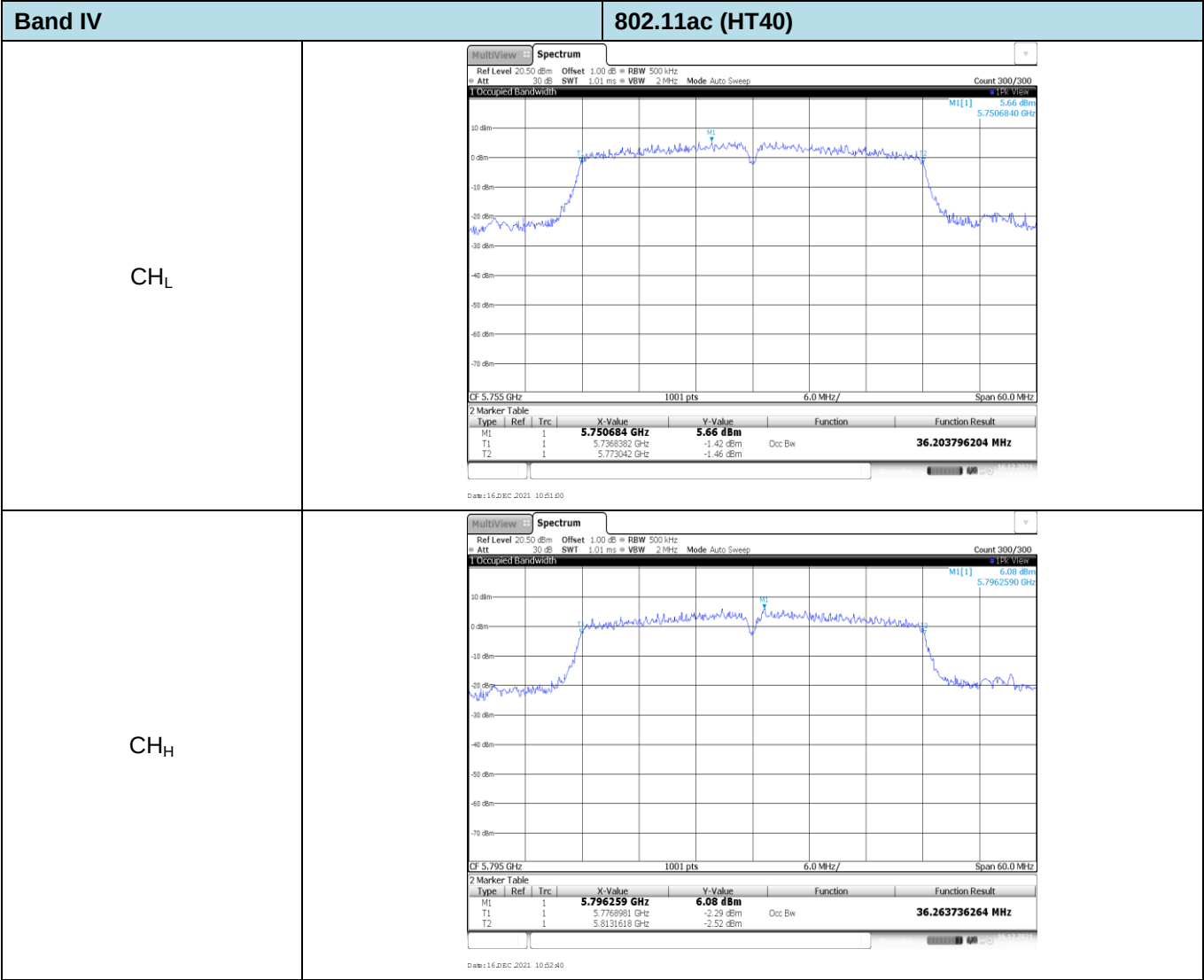


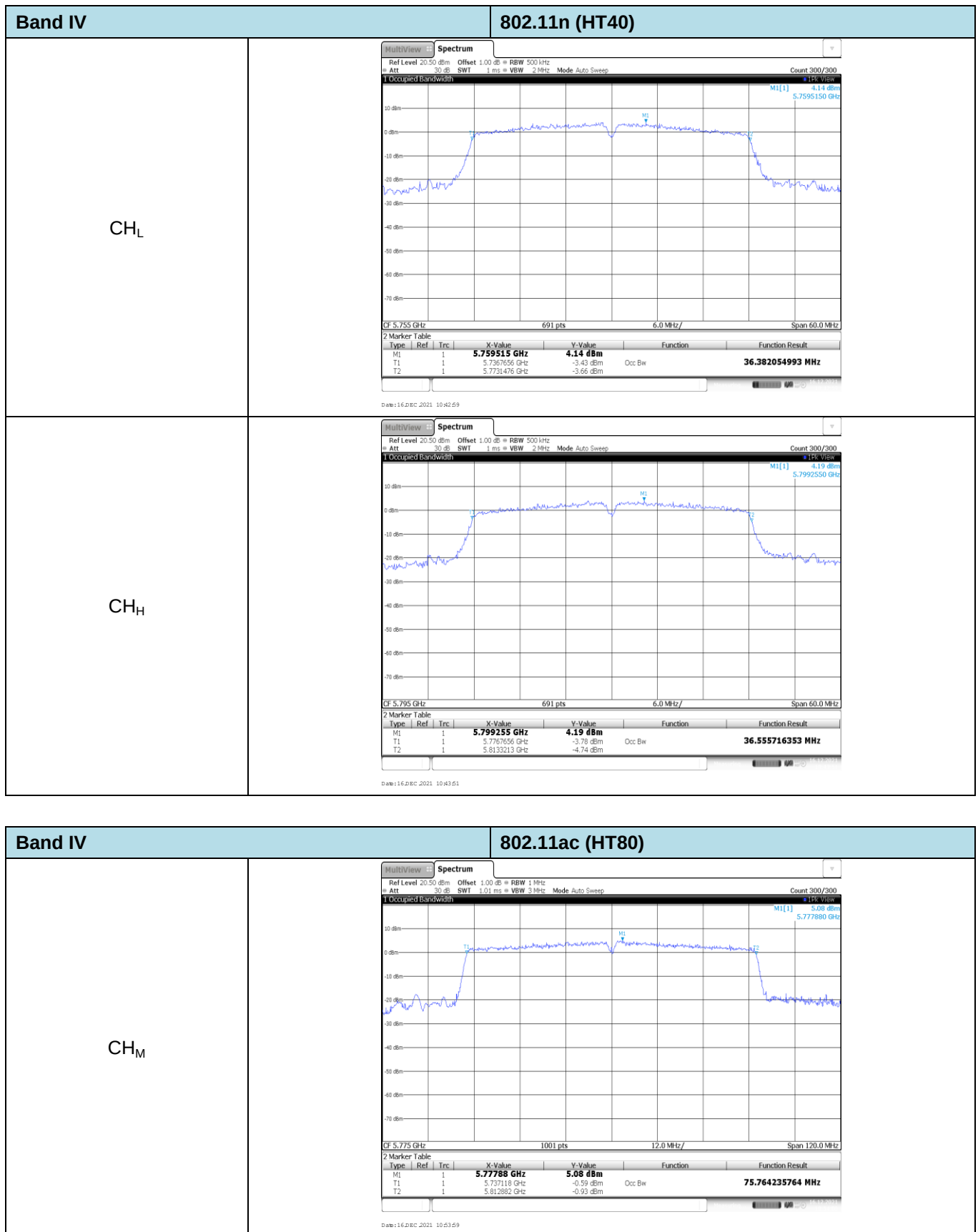










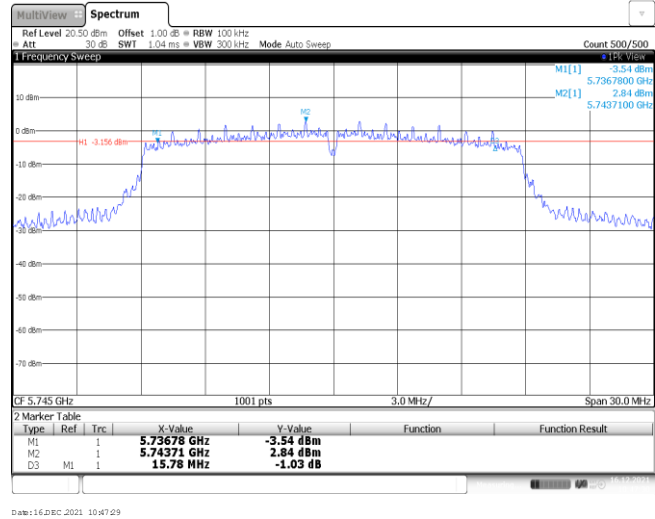
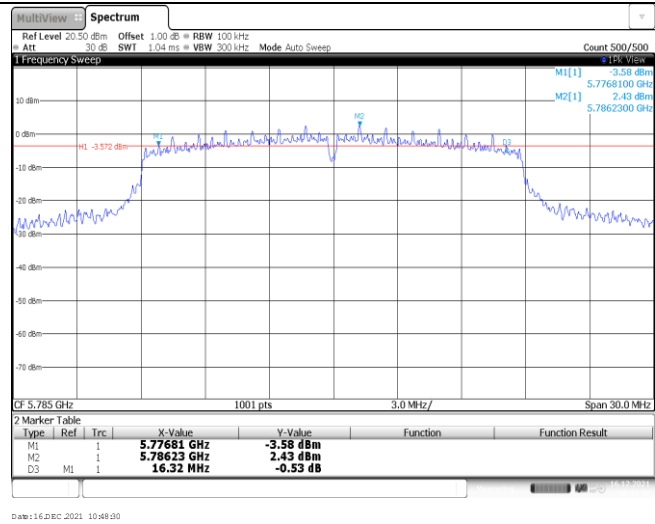
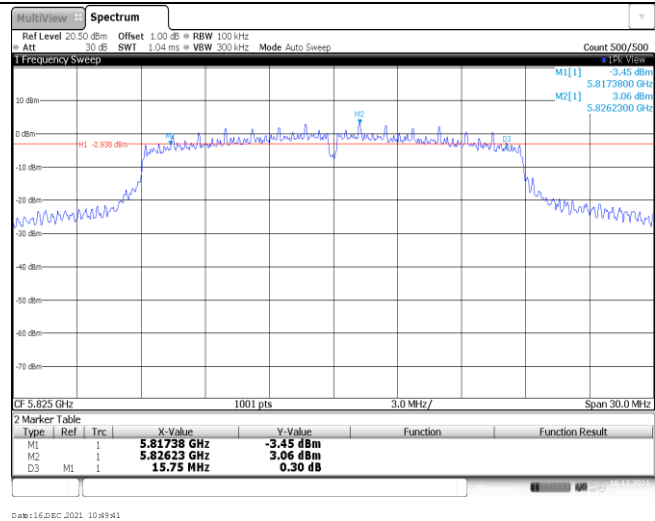


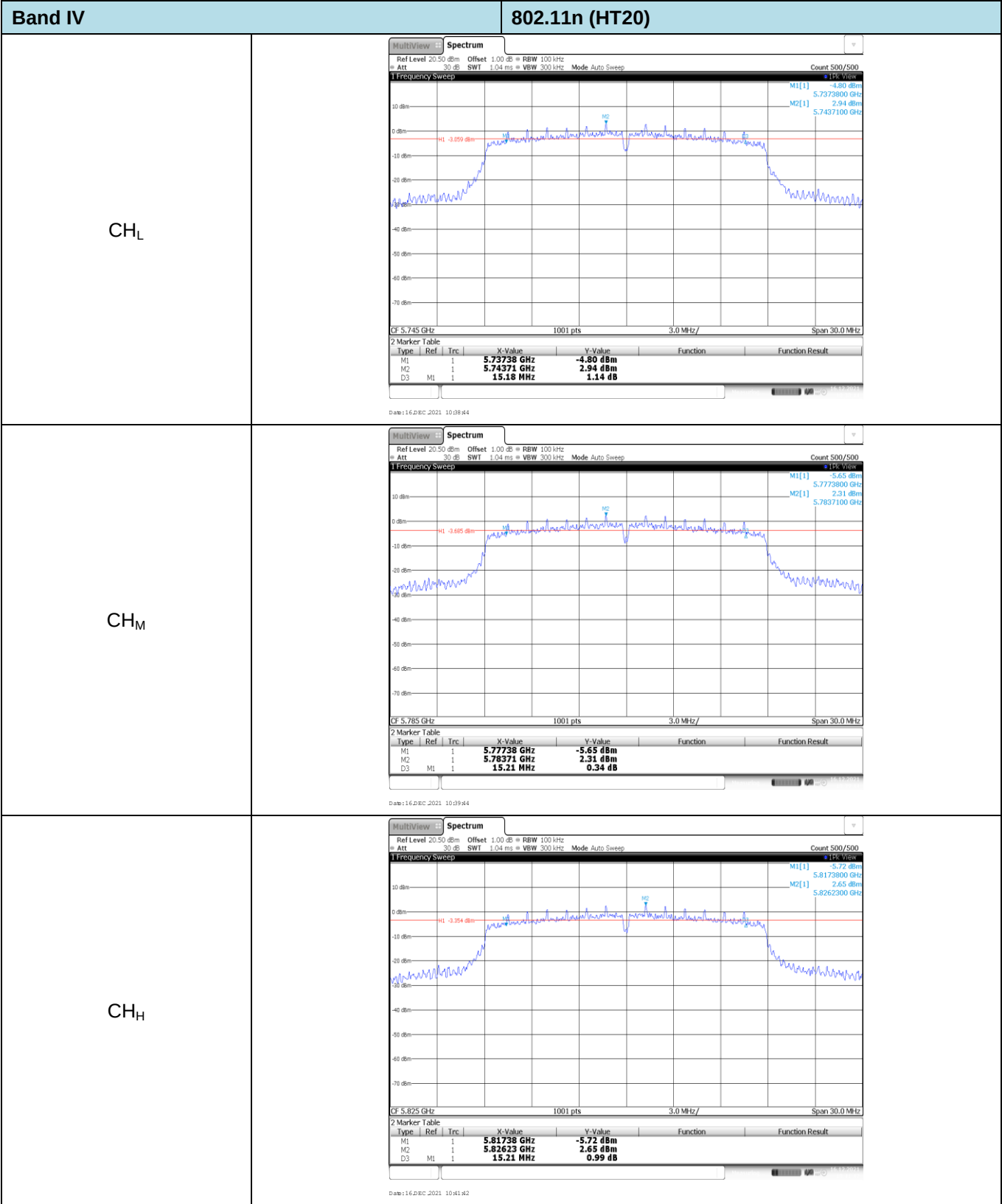
Appendix E: 6dB Bandwidth

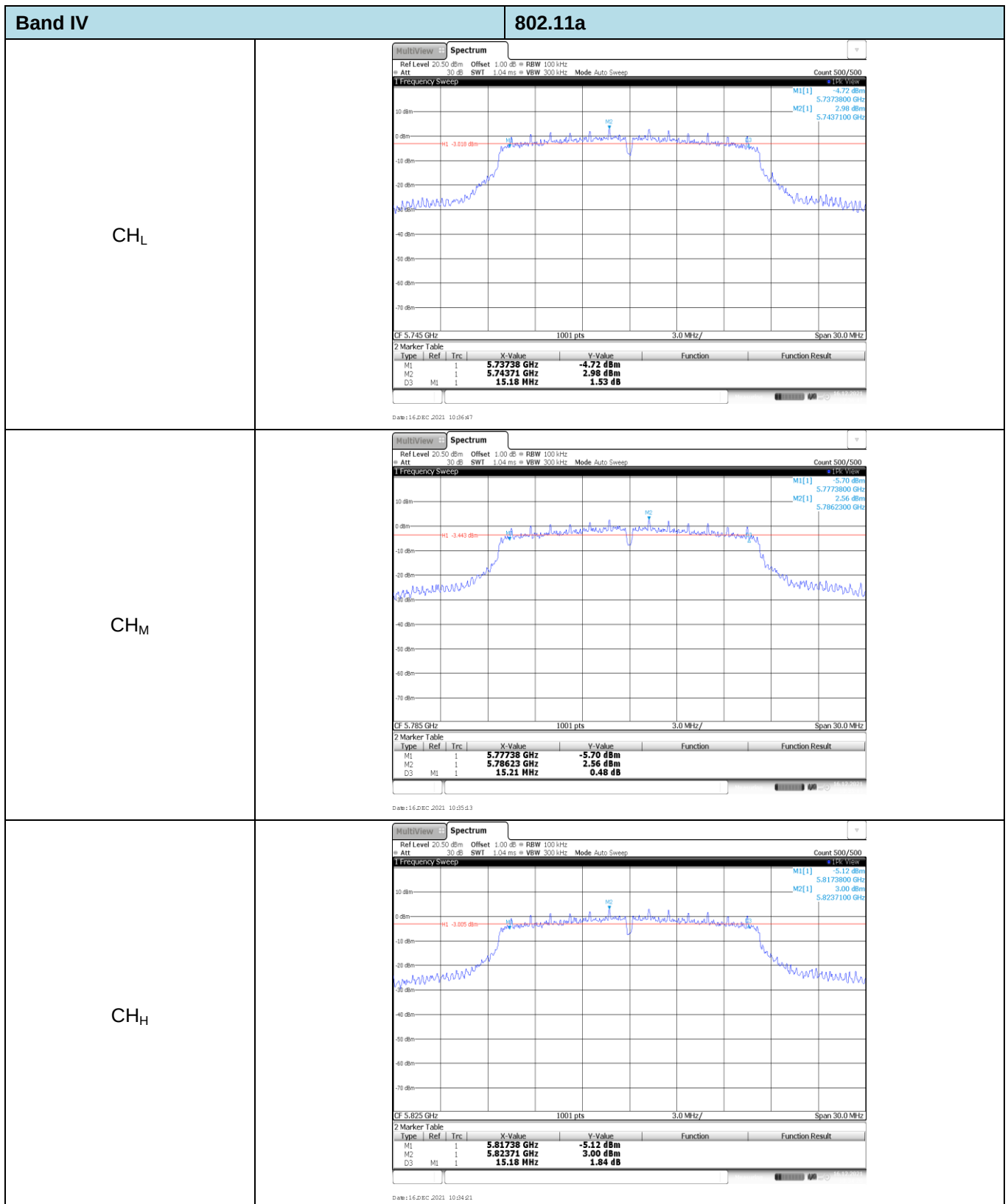
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	15.78	Pass
			CH _M	16.32	
			CH _H	15.75	
		802.11n	CH _L	15.18	Pass
			CH _M	15.21	
			CH _H	15.21	
		802.11a	CH _L	15.18	Pass
			CH _M	15.21	
			CH _H	15.18	
	40	802.11ac	CH _L	35.22	Pass
			CH _H	35.22	
		802.11n	CH _L	35.30	Pass
			CH _H	35.30	
	80	802.11ac	CH _M	75.48	Pass

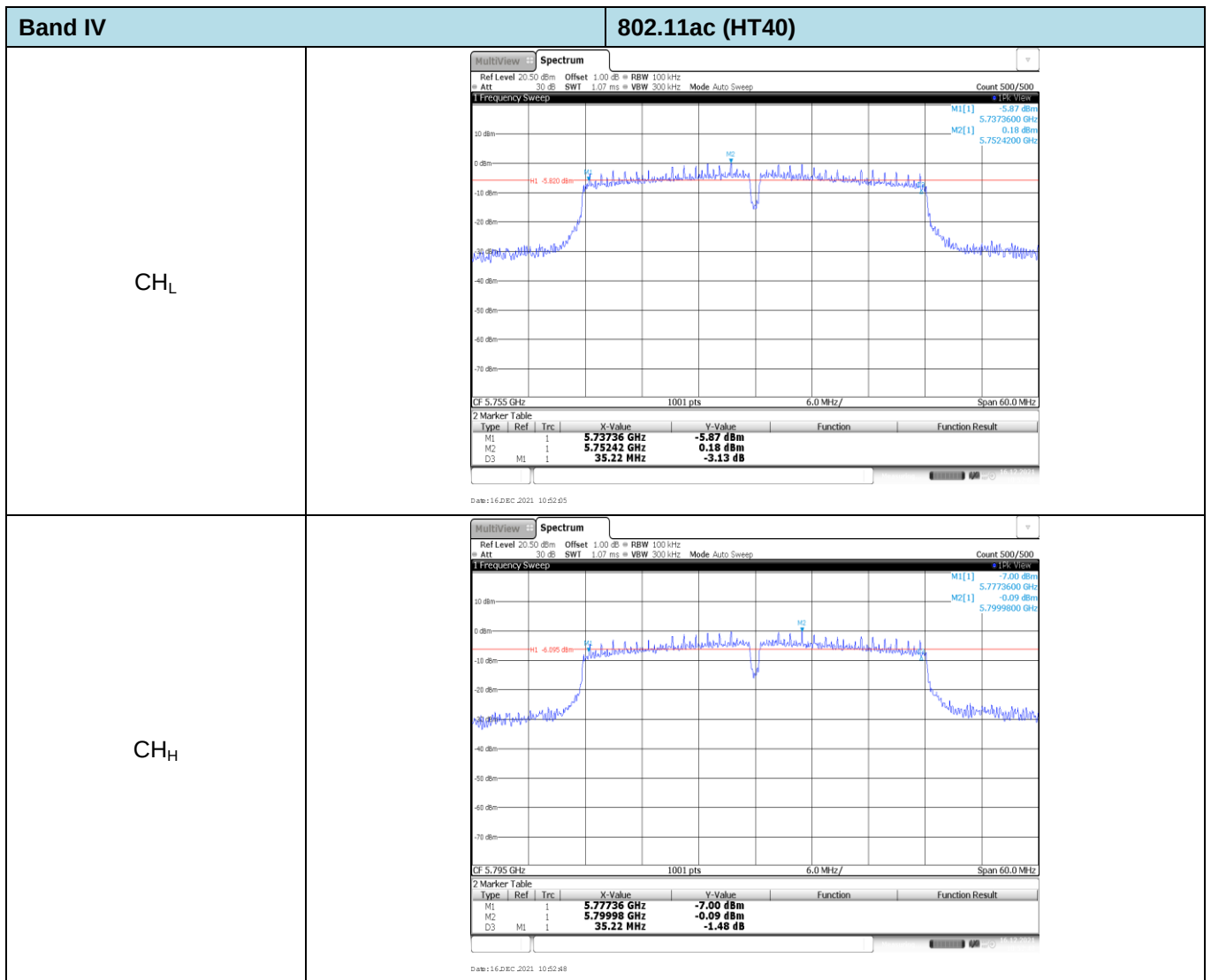
Band IV

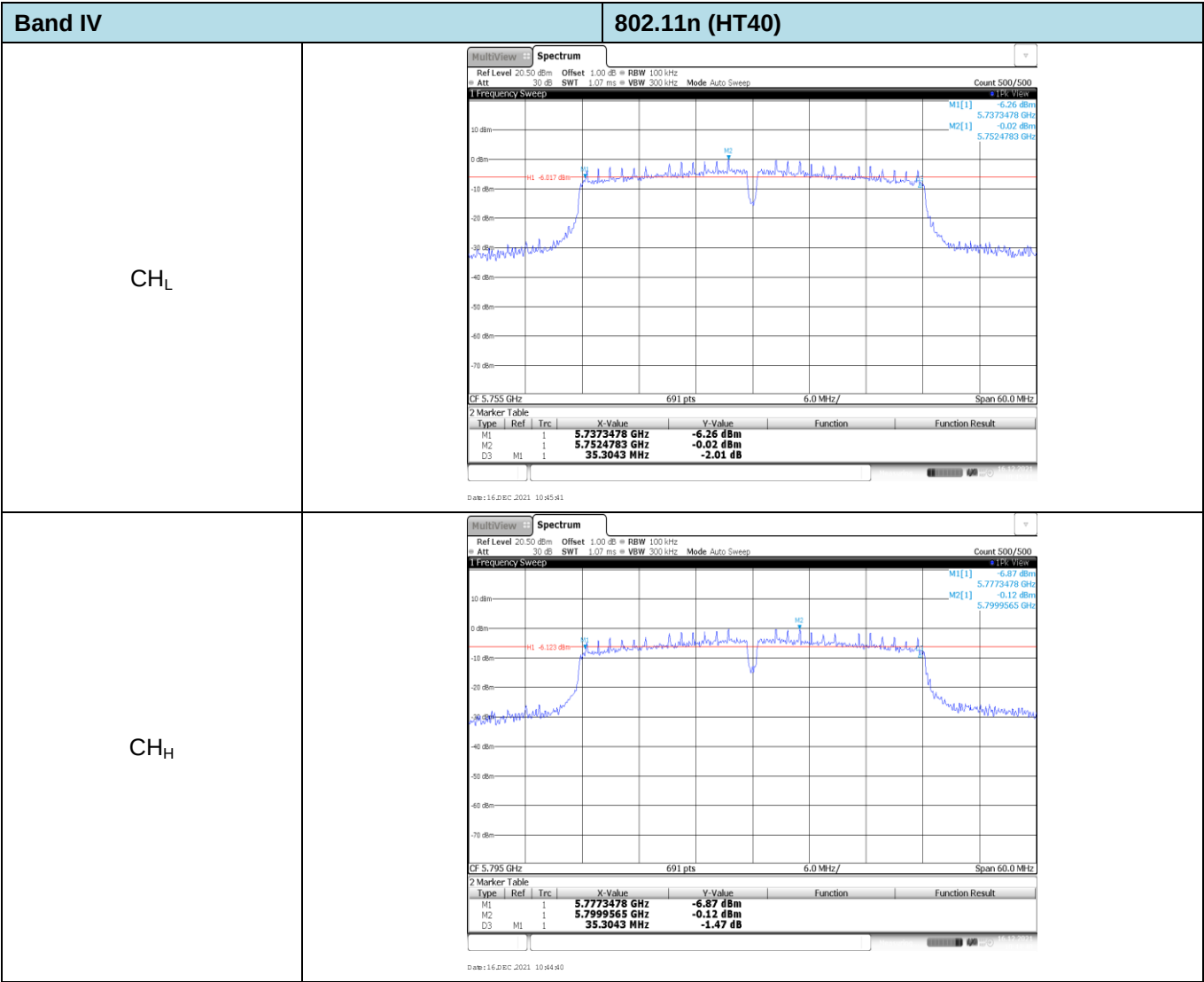
802.11ac (HT20)

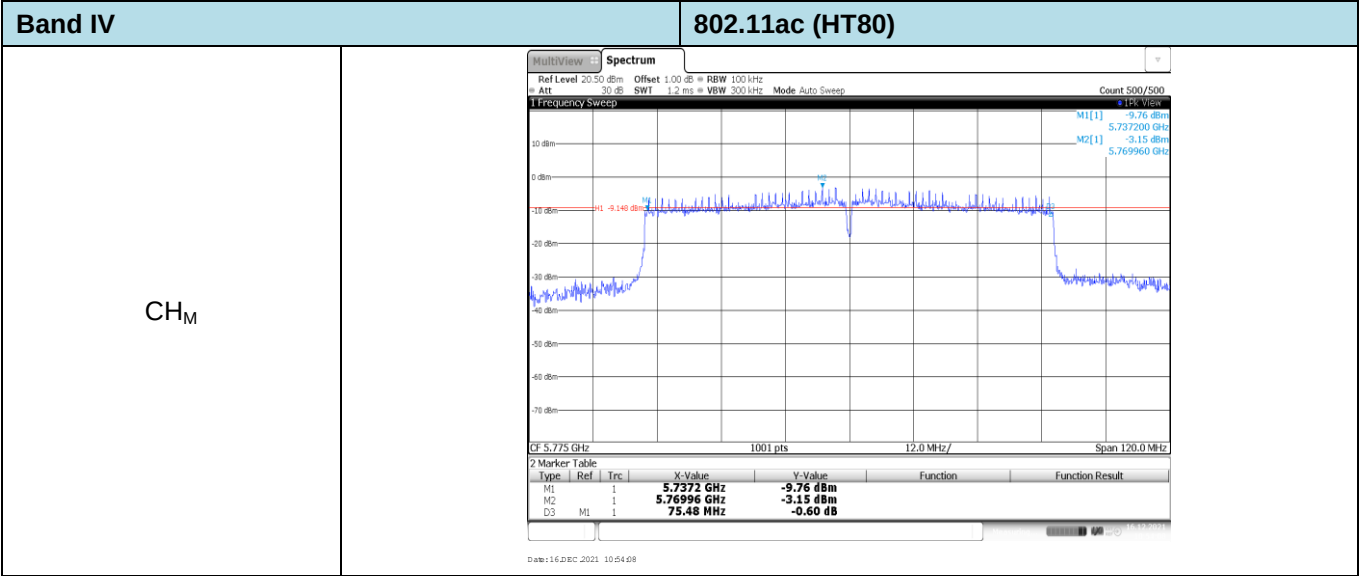
CH_LCH_MCH_H











Appendix F: 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	-31000.00	-29000.00	-5.98456	-5.59846	PASS
T _N	V _N	-23000.00	-20000.00	-4.44015	-3.86100	PASS
T _N	V _H	-35000.00	-31000.00	-6.75676	-5.98456	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	-28000.00	-34000.00	-5.32319	-6.46388	PASS
T _N	V _N	-21000.00	-33000.00	-3.99240	-6.27376	PASS
T _N	V _H	-29000.00	-34000.00	-5.51331	-6.46388	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	-29000.00	-31000.00	-5.27273	-5.63636	PASS
T _N	V _N	-20000.00	-25000.00	-3.63636	-4.54545	PASS
T _N	V _H	-32000.00	-33000.00	-5.81818	-6.00000	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	-25000.00	-30000.00	-4.35161	-5.22193	PASS
T _N	V _N	-21000.00	-21000.00	-3.65535	-3.65535	PASS
T _N	V _H	-27000.00	-33000.00	-4.69974	-5.74413	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	-35000.00	-32000.00	-6.75676	-6.17761	PASS
V _N	-10	-36000.00	-32000.00	-6.94981	-6.17761	PASS
V _N	0	-36000.00	-33000.00	-6.94981	-6.37066	PASS
V _N	10	-38000.00	-34000.00	-7.33591	-6.56371	PASS
V _N	20	-37000.00	-33000.00	-7.14286	-6.37066	PASS
V _N	30	-38000.00	-33000.00	-7.33591	-6.37066	PASS
V _N	40	-34000.00	-32000.00	-6.56371	-6.17761	PASS
V _N	50	-32000.00	-32000.00	-6.17761	-6.17761	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	-30000.00	-35000.00	-5.70342	-6.65399	PASS
V _N	-10	-31000.00	-35000.00	-5.89354	-6.65399	PASS
V _N	0	-31000.00	-34000.00	-5.89354	-6.46388	PASS
V _N	10	-31000.00	-35000.00	-5.89354	-6.65399	PASS
V _N	20	-31000.00	-36000.00	-5.89354	-6.84411	PASS
V _N	30	-30000.00	-36000.00	-5.70342	-6.84411	PASS
V _N	40	-30000.00	-36000.00	-5.70342	-6.84411	PASS
V _N	50	-31000.00	-36000.00	-5.89354	-6.84411	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	-35000.00	-35000.00	-6.36364	-6.36364	PASS
V _N	-10	-36000.00	-35000.00	-6.54546	-6.36364	PASS
V _N	0	-35000.00	-35000.00	-6.36364	-6.36364	PASS
V _N	10	-36000.00	-35000.00	-6.54546	-6.36364	PASS
V _N	20	-35000.00	-36000.00	-6.36364	-6.54546	PASS
V _N	30	-36000.00	-35000.00	-6.54546	-6.36364	PASS
V _N	40	-36000.00	-35000.00	-6.54546	-6.36364	PASS
V _N	50	-37000.00	-35000.00	-6.72727	-6.36364	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	-29000.00	-36000.00	-5.04787	-6.26632	PASS
V_N	-10	-30000.00	-36000.00	-5.22193	-6.26632	PASS
V_N	0	-31000.00	-37000.00	-5.39600	-6.44038	PASS
V_N	10	-31000.00	-37000.00	-5.39600	-6.44038	PASS
V_N	20	-31000.00	-37000.00	-5.39600	-6.44038	PASS
V_N	30	-31000.00	-37000.00	-5.39600	-6.44038	PASS
V_N	40	-32000.00	-36000.00	-5.57006	-6.26632	PASS
V_N	50	-31000.00	-36000.00	-5.39600	-6.26632	PASS

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