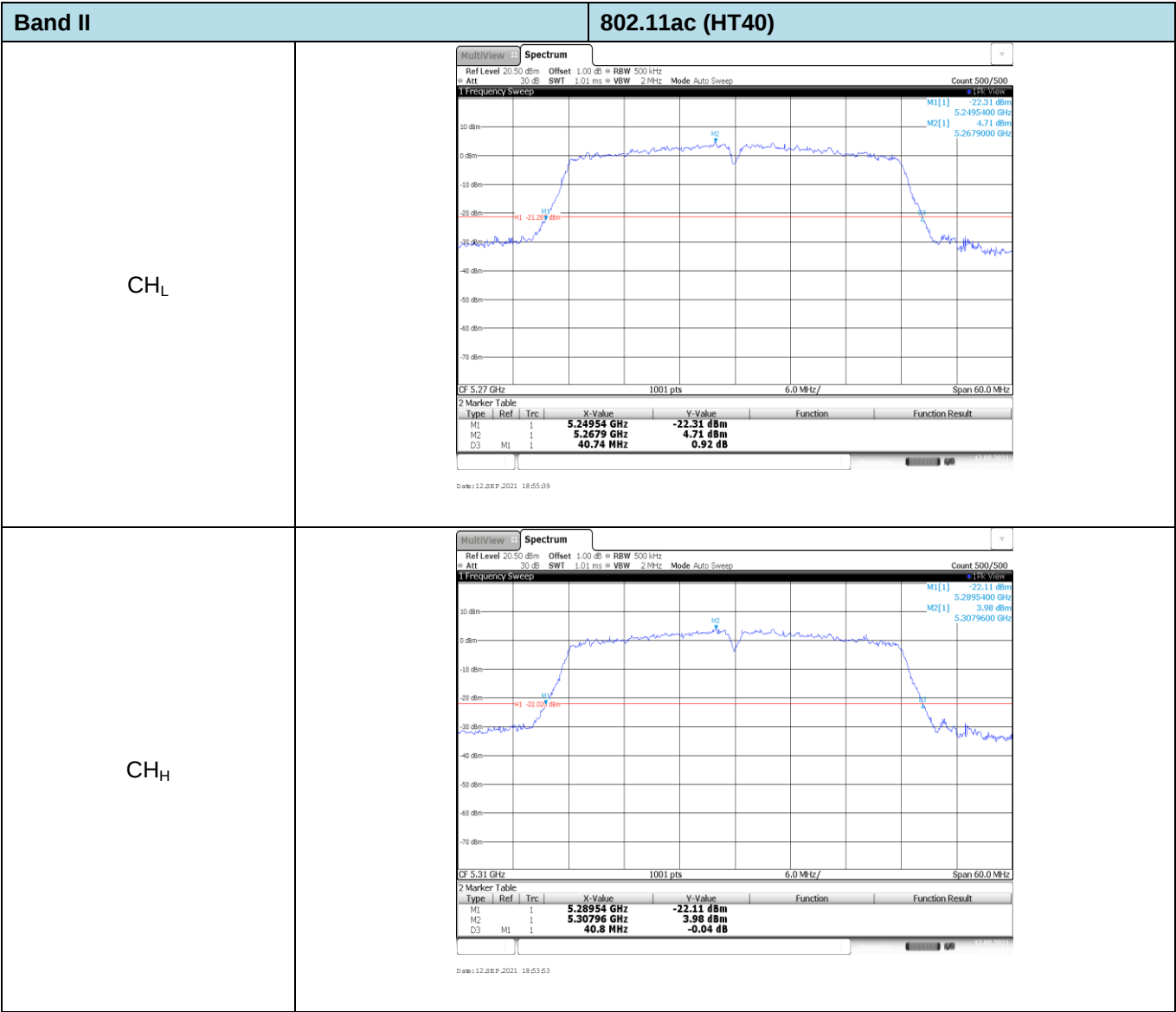
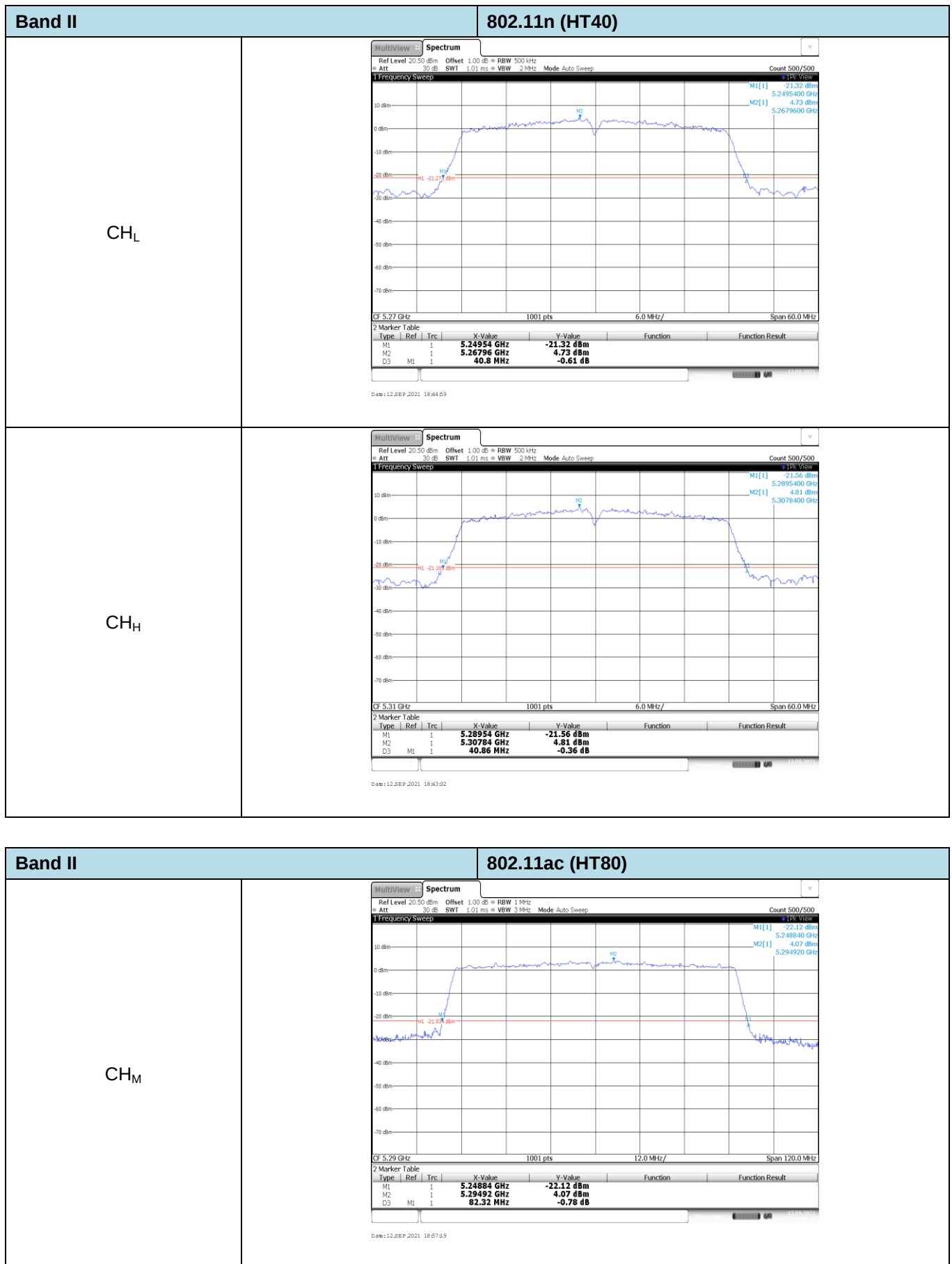
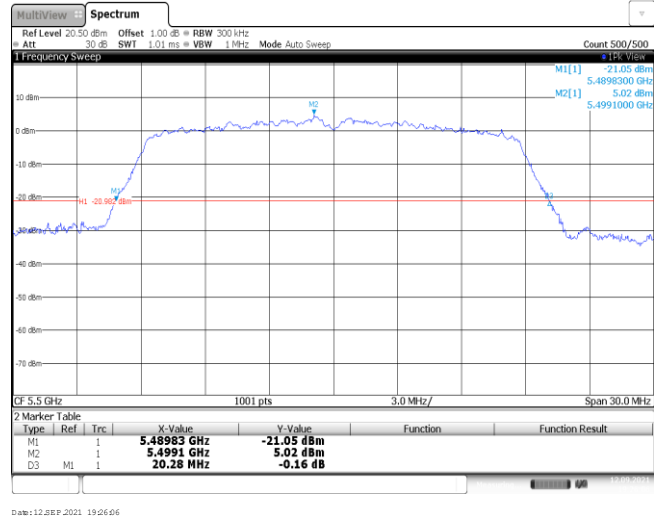
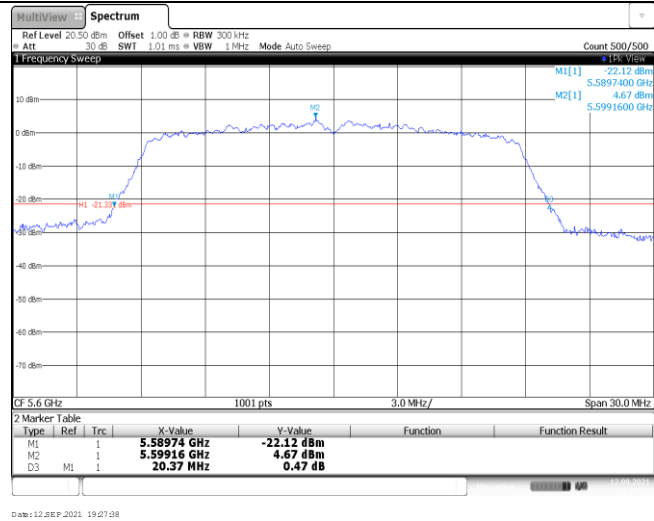
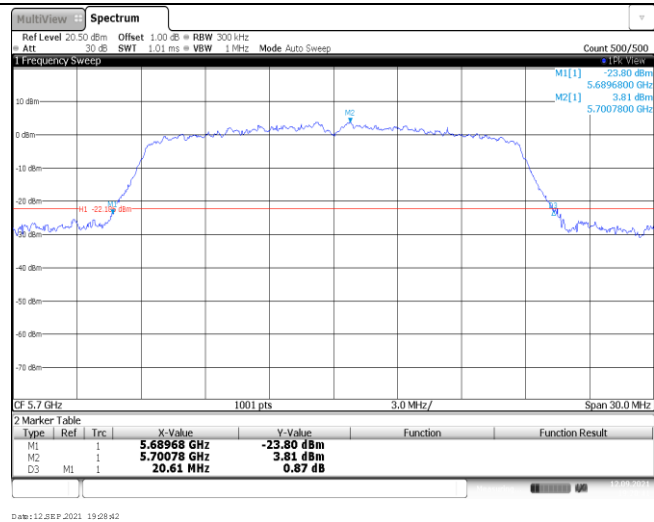


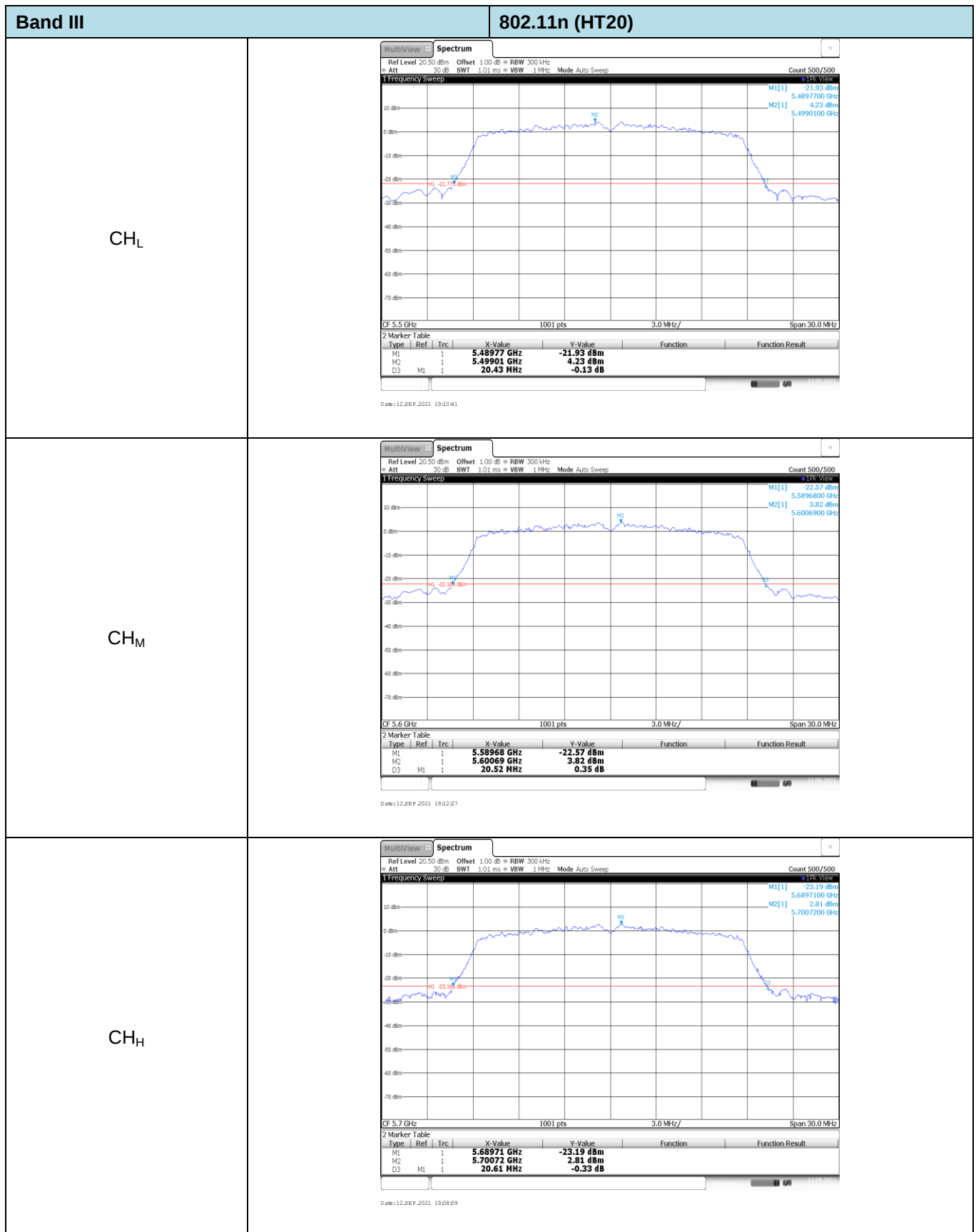


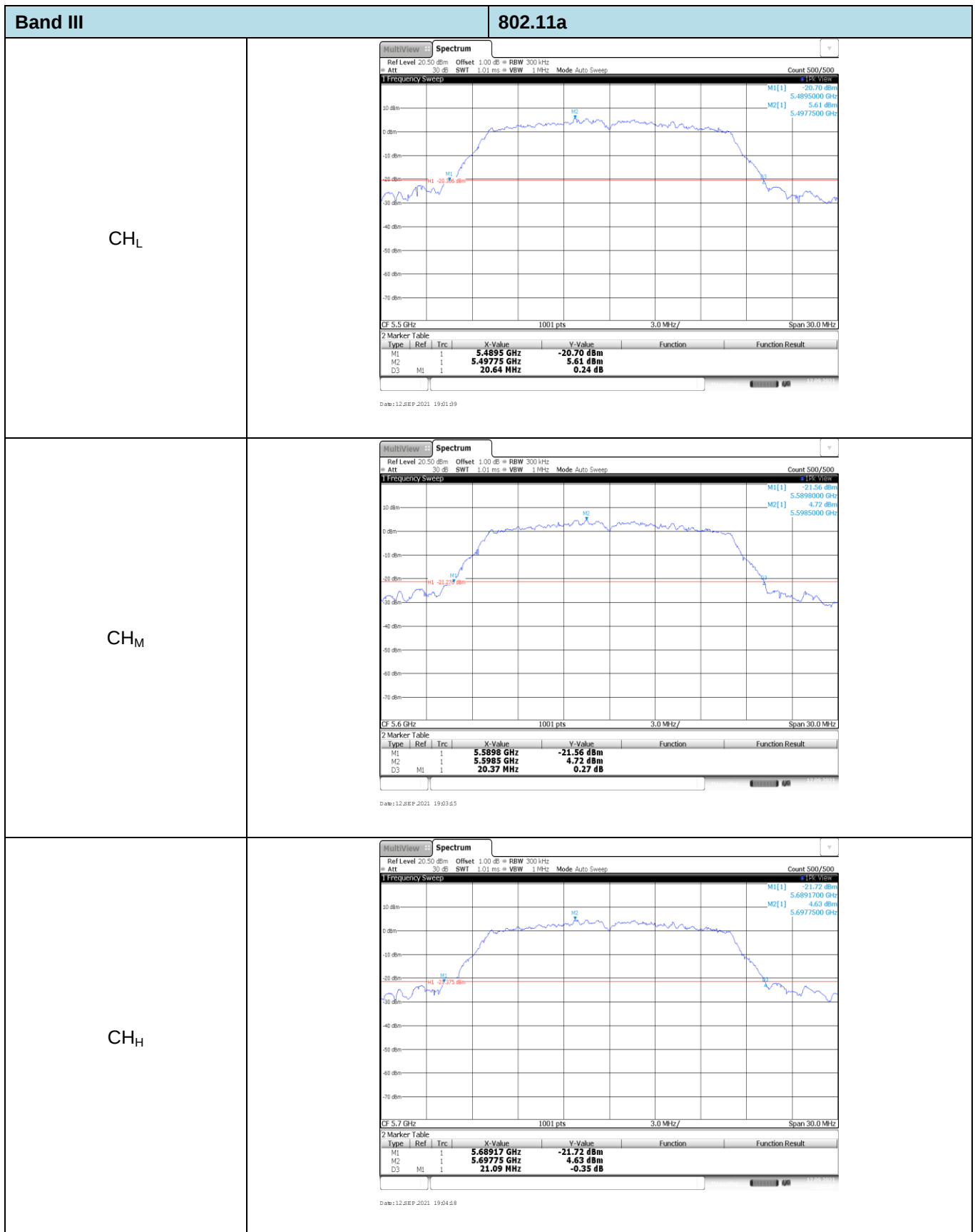


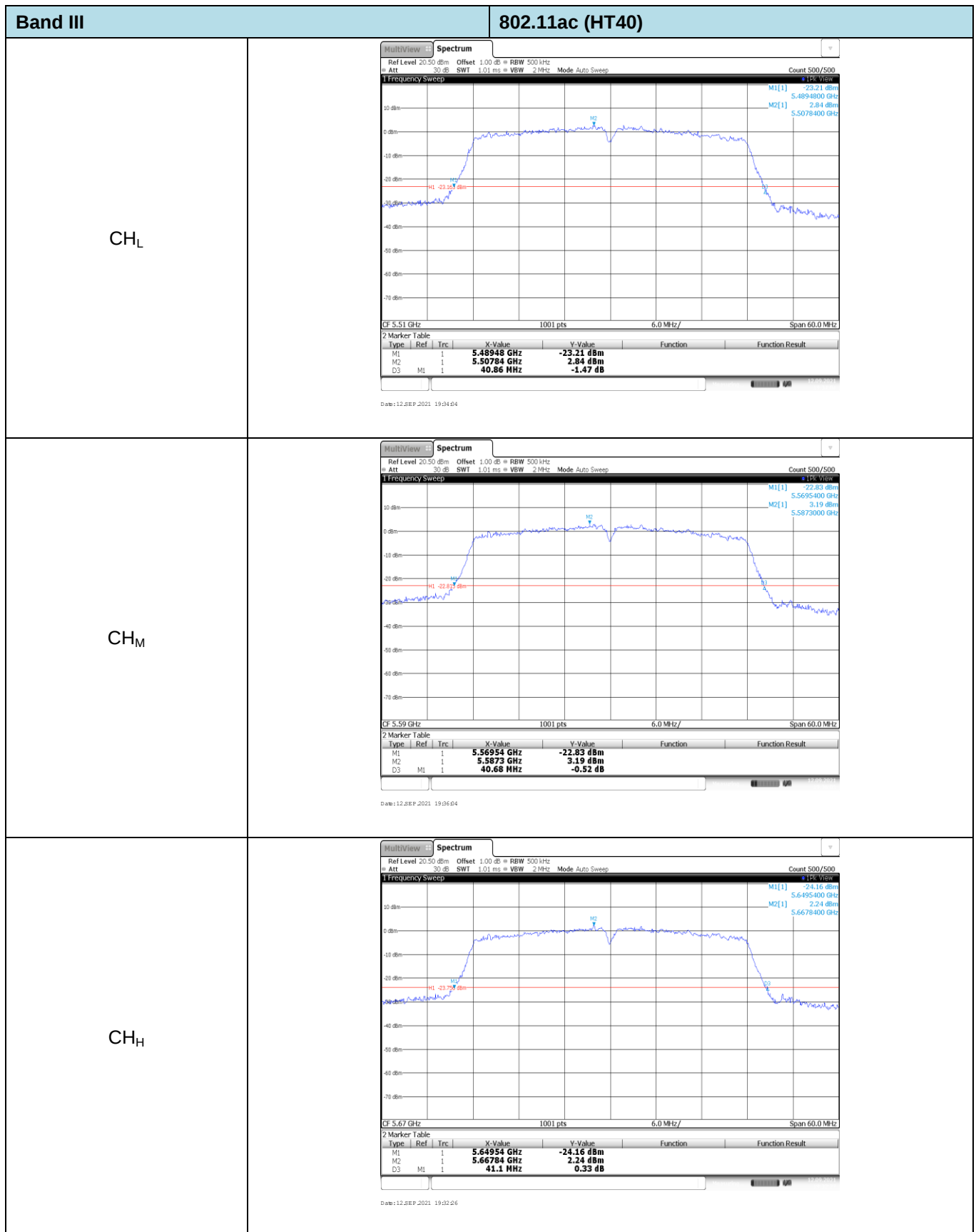
Band III

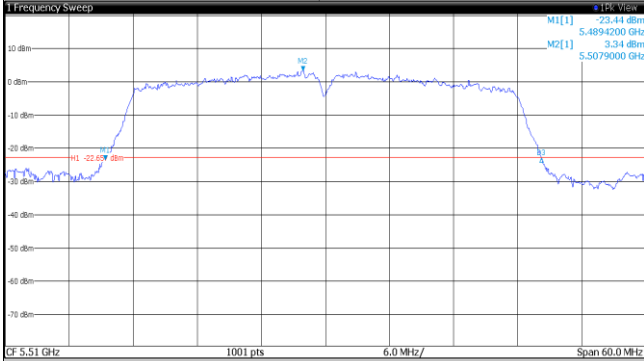
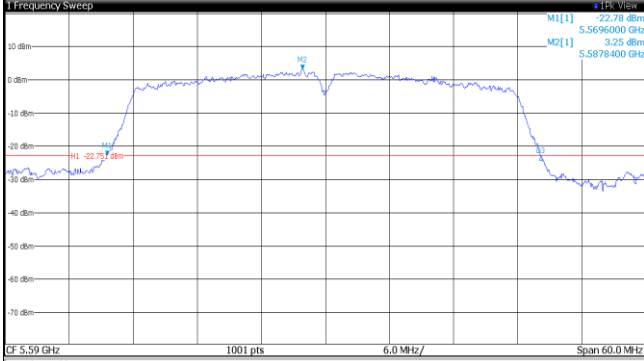
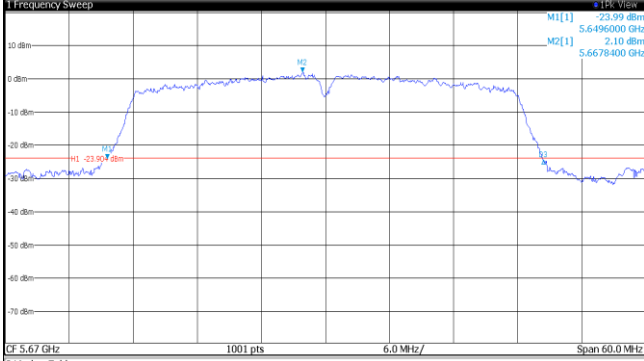
802.11ac (HT20)

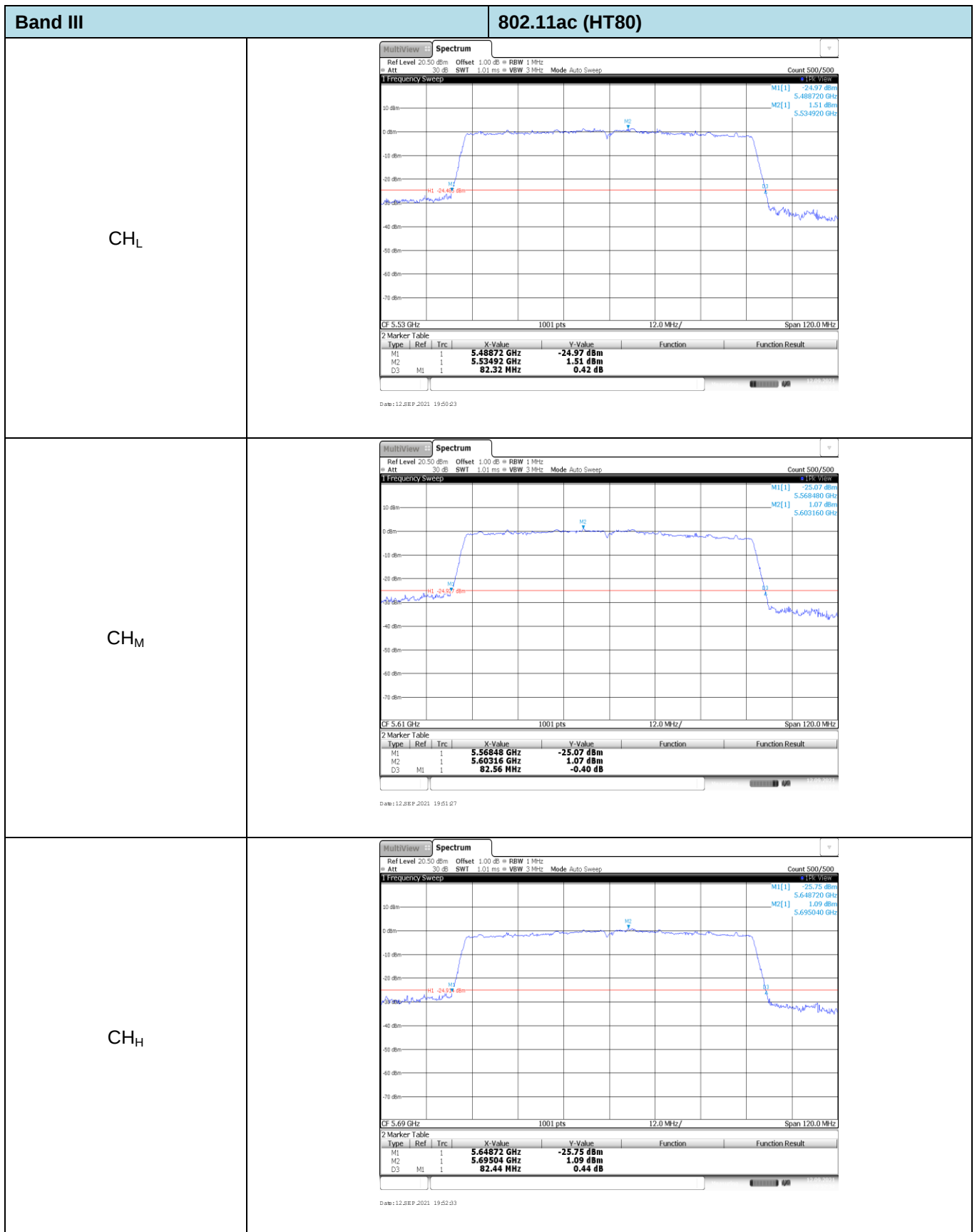
CH_LCH_MCH_H







Band III		802.11n (HT40)																											
CH _L	MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 2 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>5.48942 GHz</td><td>-23.44 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>5.5079 GHz</td><td>3.34 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>40.8 MHz</td><td>0.55 dB</td><td></td><td></td></tr></table> Date: 12 SEP 2021 19:17:55	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.48942 GHz	-23.44 dBm			M2	1		5.5079 GHz	3.34 dBm			D3	M1	1	40.8 MHz	0.55 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		5.48942 GHz	-23.44 dBm																									
M2	1		5.5079 GHz	3.34 dBm																									
D3	M1	1	40.8 MHz	0.55 dB																									
CH _M	MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 2 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>5.5696 GHz</td><td>-22.78 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>5.58784 GHz</td><td>3.25 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>40.56 MHz</td><td>-0.12 dB</td><td></td><td></td></tr></table> Date: 12 SEP 2021 19:20:02	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.5696 GHz	-22.78 dBm			M2	1		5.58784 GHz	3.25 dBm			D3	M1	1	40.56 MHz	-0.12 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		5.5696 GHz	-22.78 dBm																									
M2	1		5.58784 GHz	3.25 dBm																									
D3	M1	1	40.56 MHz	-0.12 dB																									
CH _H	MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 2 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep  2 Marker Table <table><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><tr><td>M1</td><td>1</td><td></td><td>5.6496 GHz</td><td>-23.99 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>5.66784 GHz</td><td>2.10 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>40.8 MHz</td><td>-0.45 dB</td><td></td><td></td></tr></table> Date: 12 SEP 2021 19:21:48	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.6496 GHz	-23.99 dBm			M2	1		5.66784 GHz	2.10 dBm			D3	M1	1	40.8 MHz	-0.45 dB		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																							
M1	1		5.6496 GHz	-23.99 dBm																									
M2	1		5.66784 GHz	2.10 dBm																									
D3	M1	1	40.8 MHz	-0.45 dB																									

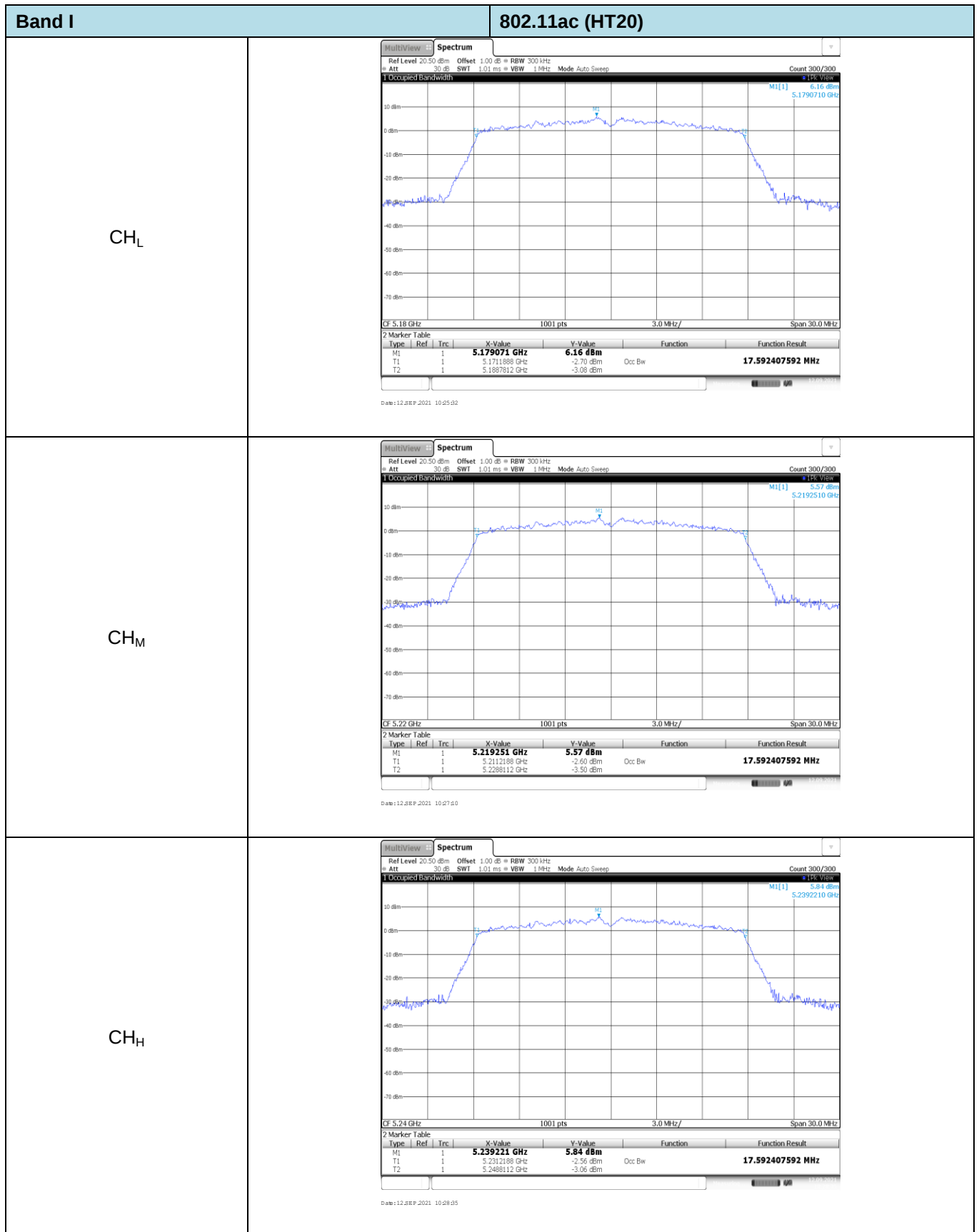


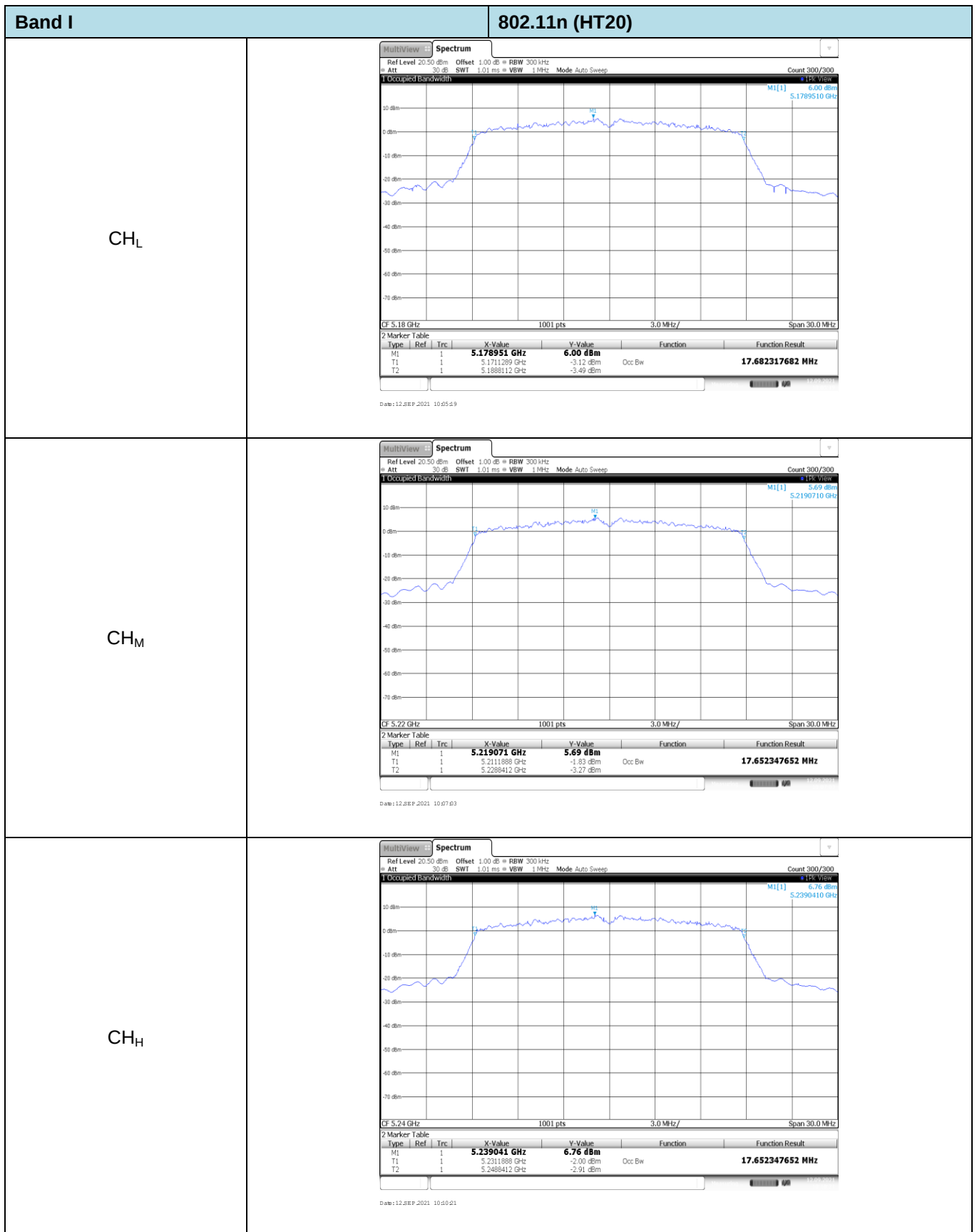
Appendix D: 99% Occupy bandwidth

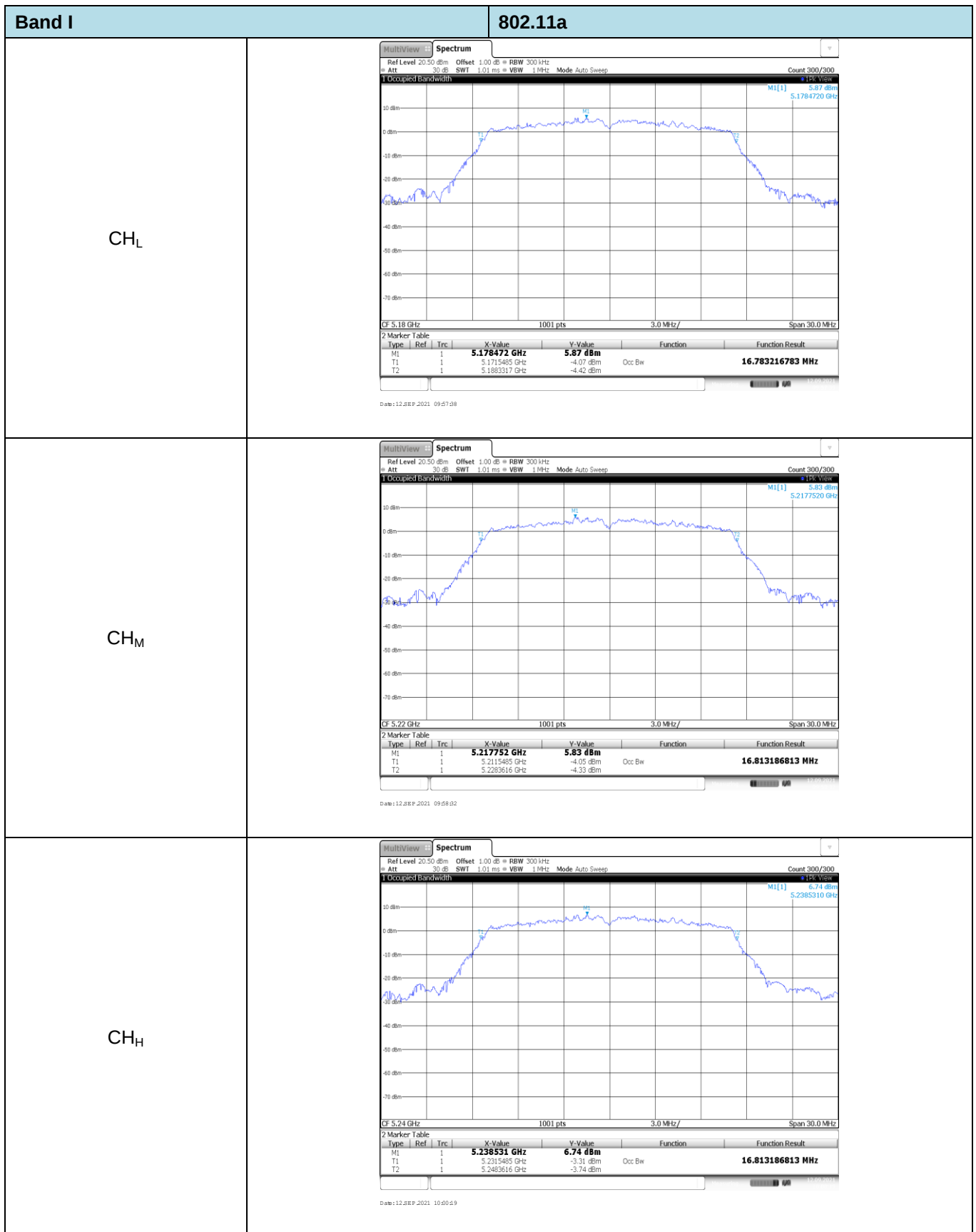
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
I	20	802.11ac	CH _L	17.59	Pass
			CH _M	17.59	
			CH _H	17.59	
		802.11n	CH _L	17.68	Pass
			CH _M	17.65	
			CH _H	17.65	
		802.11a	CH _L	16.78	Pass
			CH _M	16.81	
			CH _H	16.81	
	40	802.11ac	CH _L	36.02	Pass
			CH _H	35.96	
		802.11n	CH _L	36.08	Pass
			CH _H	36.14	
	80	802.11ac	CH _M	75.76	Pass
II	20	802.11ac	CH _L	17.56	Pass
			CH _M	17.59	
			CH _H	17.62	
		802.11n	CH _L	17.62	Pass
			CH _M	17.65	
			CH _H	17.68	
		802.11a	CH _L	16.84	Pass
			CH _M	16.81	
			CH _H	16.87	
	40	802.11ac	CH _L	36.02	Pass
			CH _H	35.96	
		802.11n	CH _L	36.02	Pass
			CH _H	36.08	
	80	802.11ac	CH _M	75.64	Pass

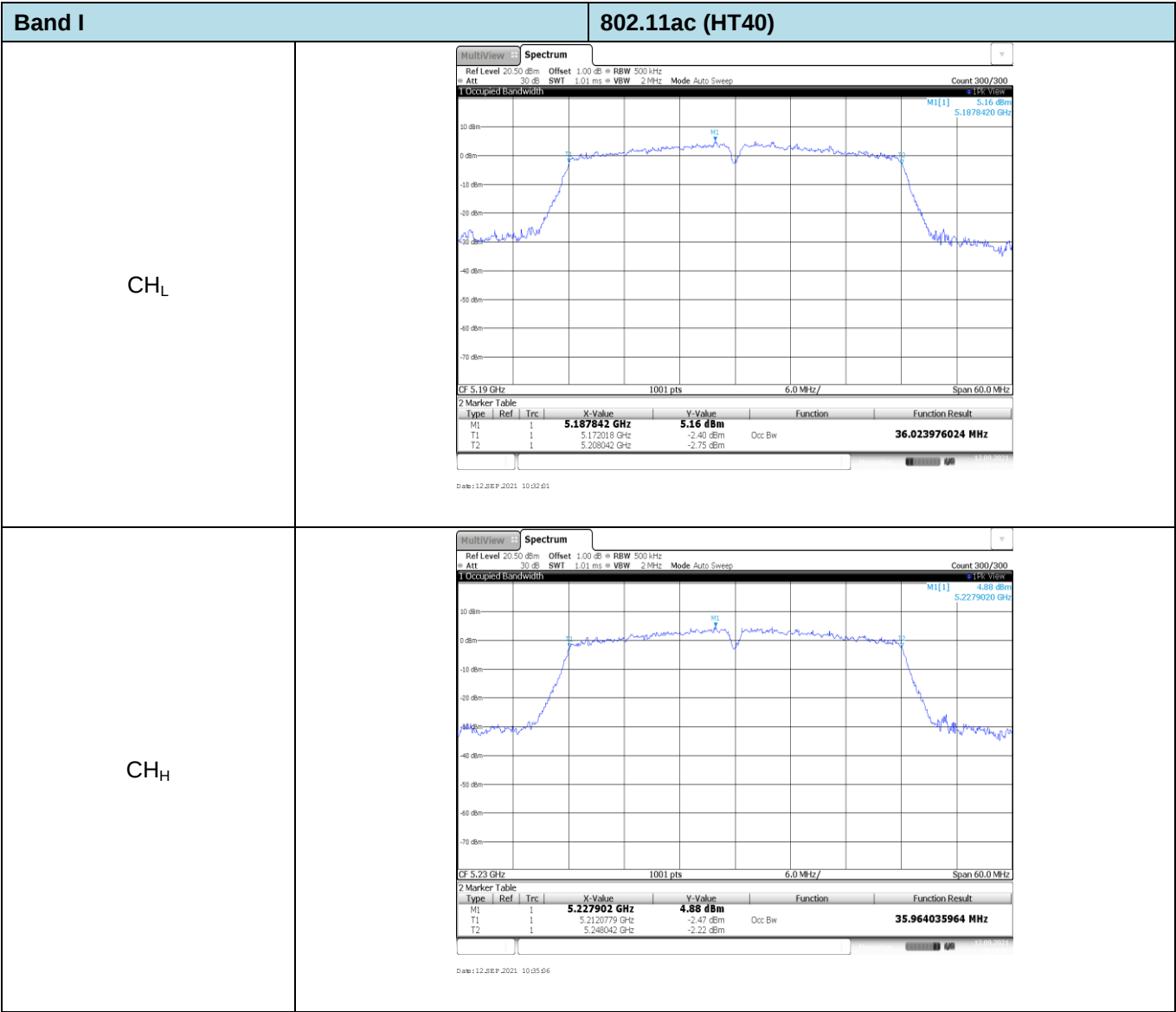
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
III	20	802.11ac	CH _L	17.59	Pass
			CH _M	17.59	
			CH _H	17.62	
		802.11n	CH _L	17.65	Pass
			CH _M	17.65	
			CH _H	17.62	
		802.11a	CH _L	16.81	Pass
			CH _M	16.84	
			CH _H	16.87	
	40	802.11ac	CH _L	36.02	Pass
			CH _M	36.02	
			CH _H	36.02	
		802.11n	CH _L	36.08	Pass
			CH _M	36.08	
			CH _H	36.20	
	80	802.11ac	CH _L	75.76	Pass
			CH _M	75.64	
			CH _H	75.64	

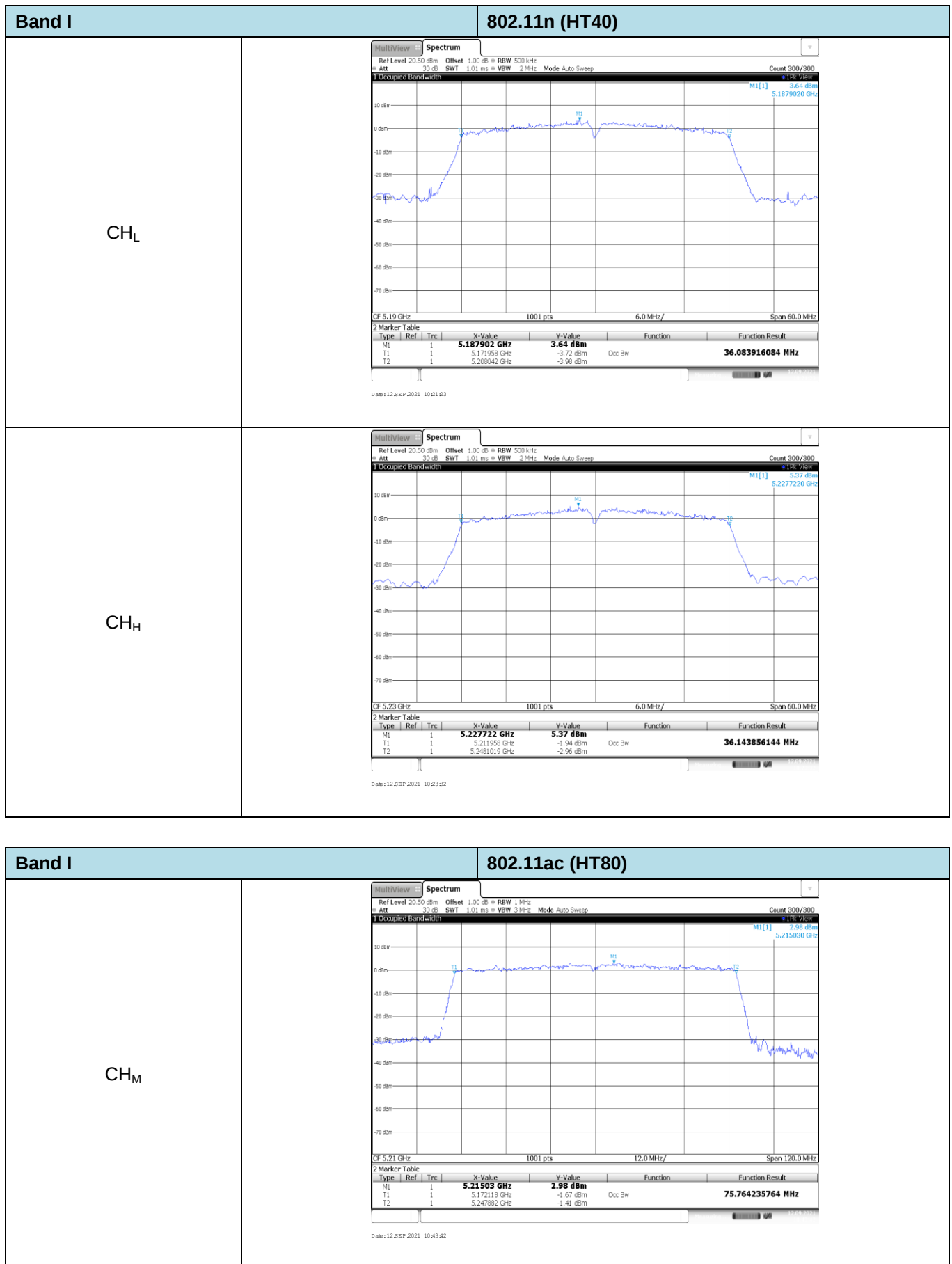
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.65	Pass
			CH _M	17.68	
			CH _H	17.68	
		802.11n	CH _L	17.71	Pass
			CH _M	17.71	
			CH _H	17.74	
		802.11a	CH _L	16.93	Pass
			CH _M	16.99	
			CH _H	16.96	
	40	802.11ac	CH _L	36.08	Pass
			CH _H	36.14	
		802.11n	CH _L	36.21	Pass
			CH _H	36.21	
	80	802.11ac	CH _M	75.88	Pass

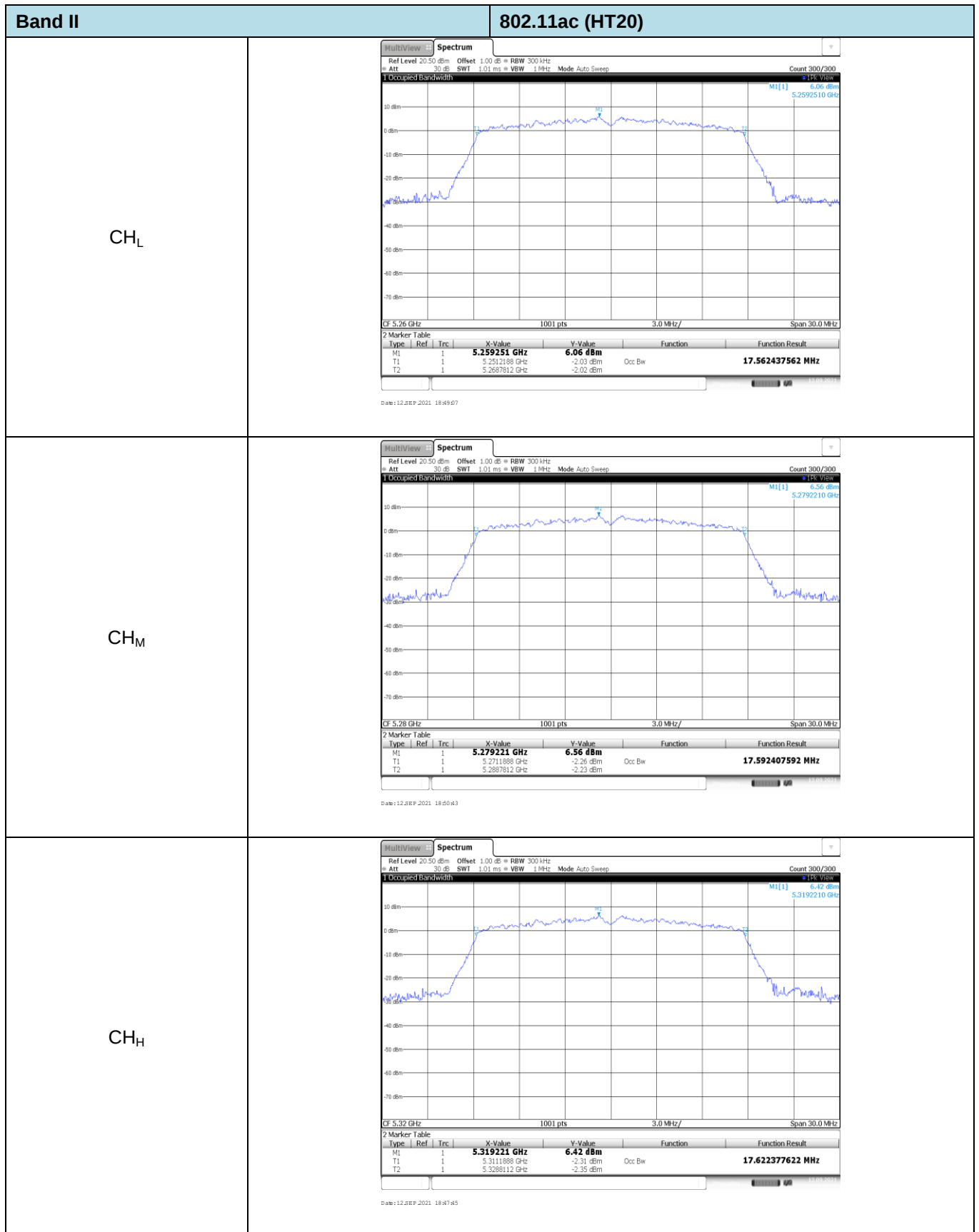


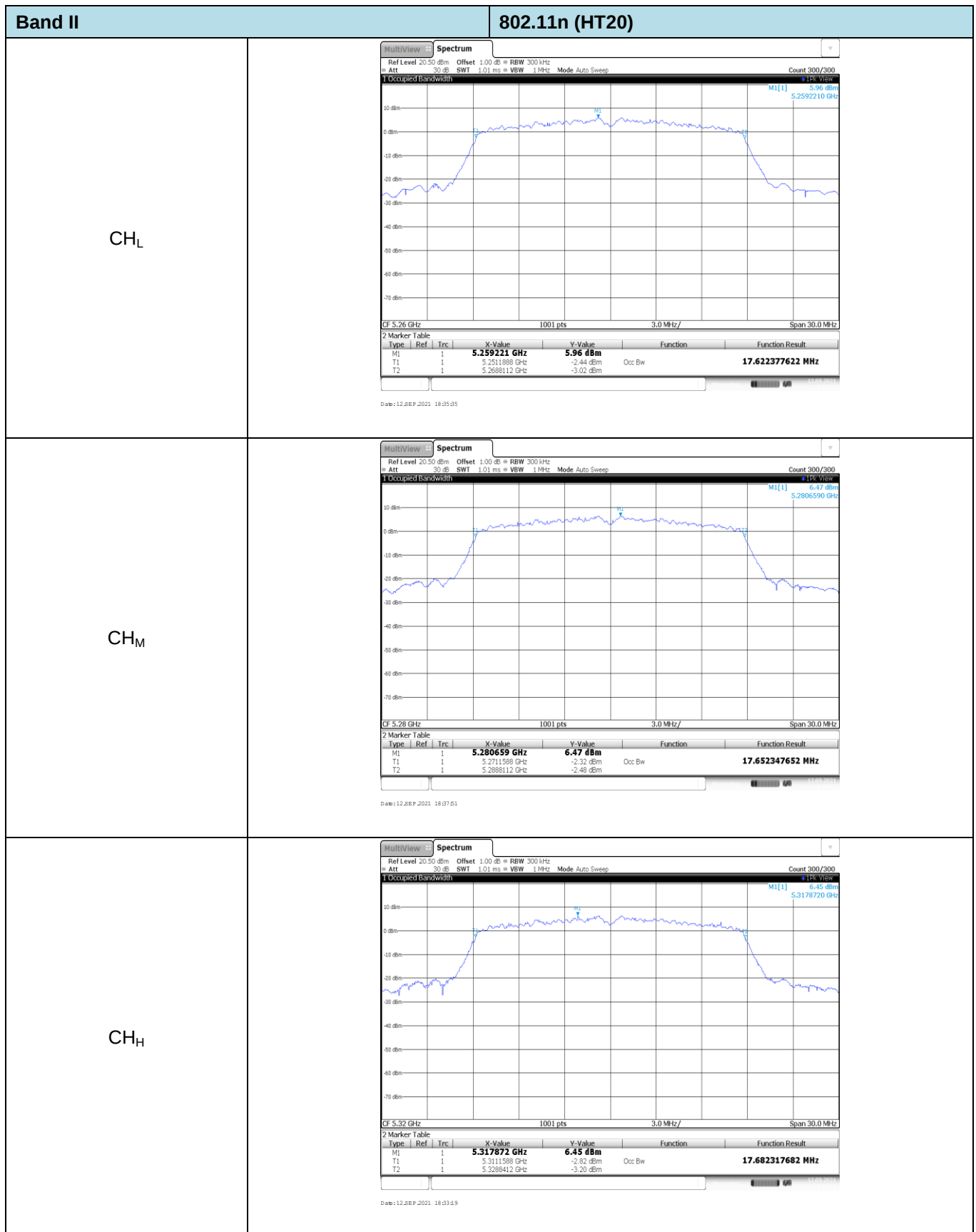












Band II

802.11a

CH_L

MultiView Spectrum
 Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
 Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300

1 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		5.258531 GHz	6.97 dBm		
T1	1		5.251585 GHz	-4.57 dBm	Occ Bw	16.843156843 MHz
T2	1		5.2683616 GHz	-2.89 dBm		

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CH_M

MultiView Spectrum
 Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
 Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300

1 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		5.278501 GHz	6.53 dBm		
T1	1		5.271585 GHz	-3.76 dBm	Occ Bw	16.813186813 MHz
T2	1		5.2883317 GHz	-3.64 dBm		

Date: 12 SEP 2021 17:57:40

CH_H

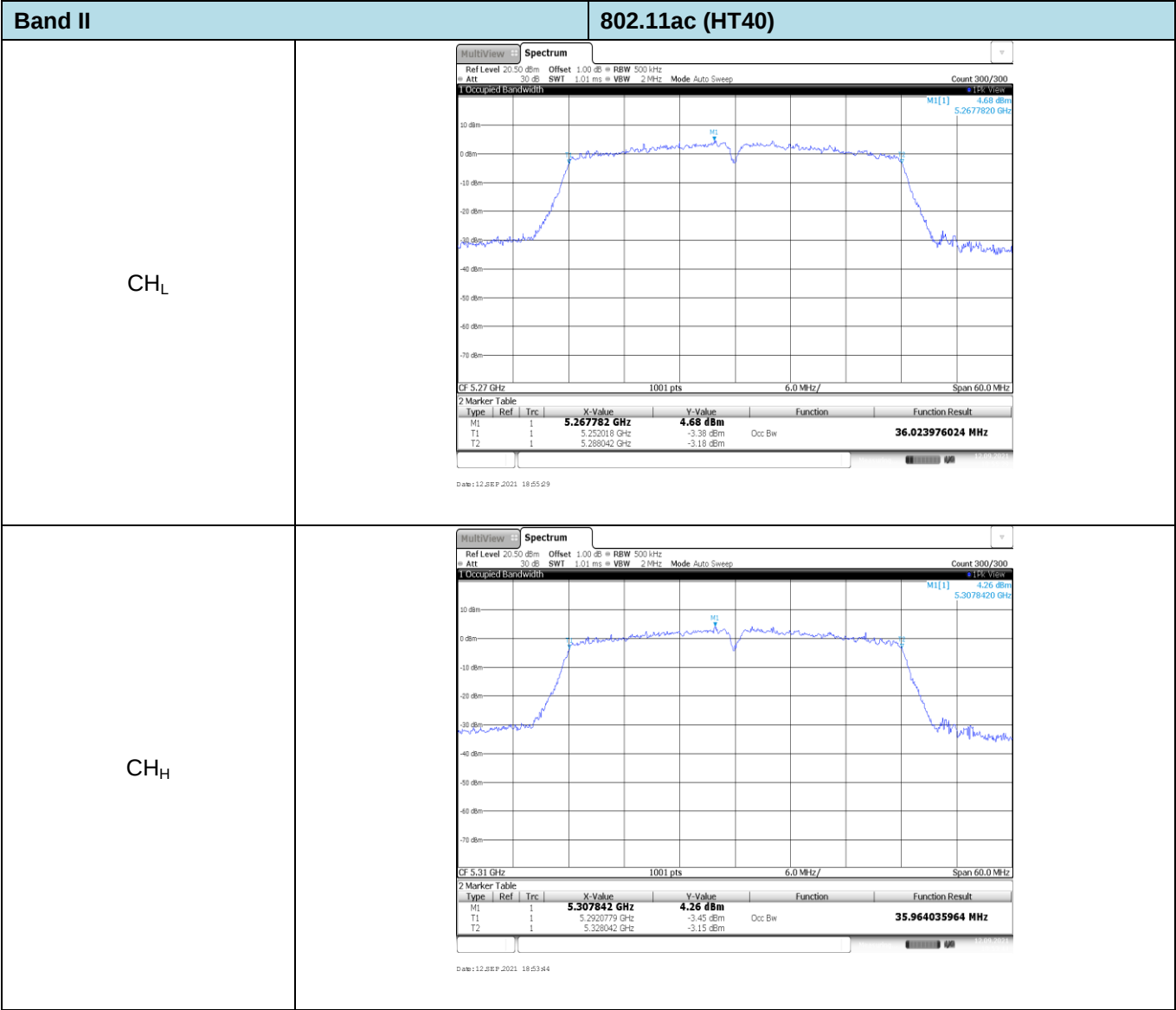
MultiView Spectrum
 Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
 Att 30 dB SWI 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300

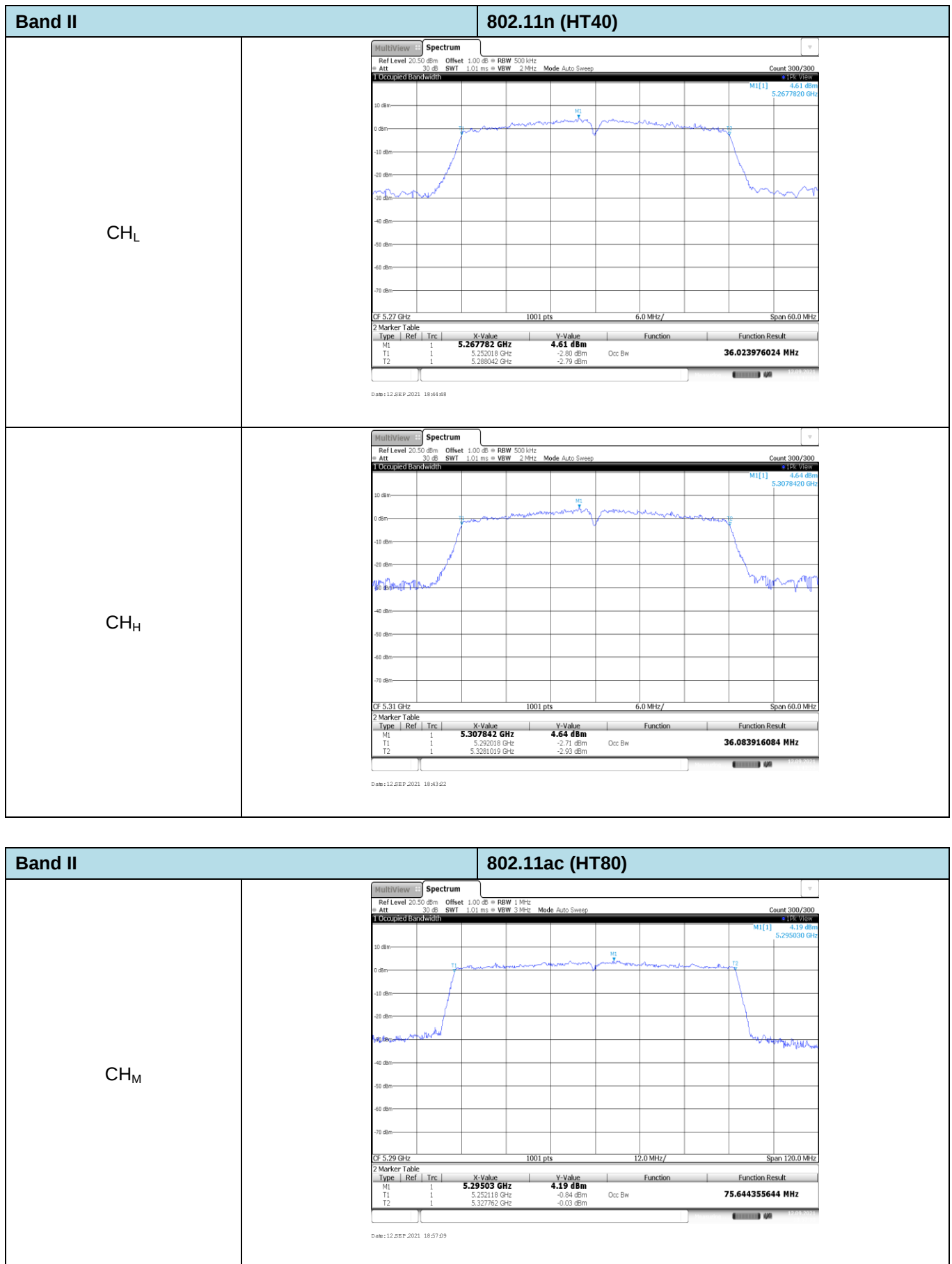
1 Occupied Bandwidth

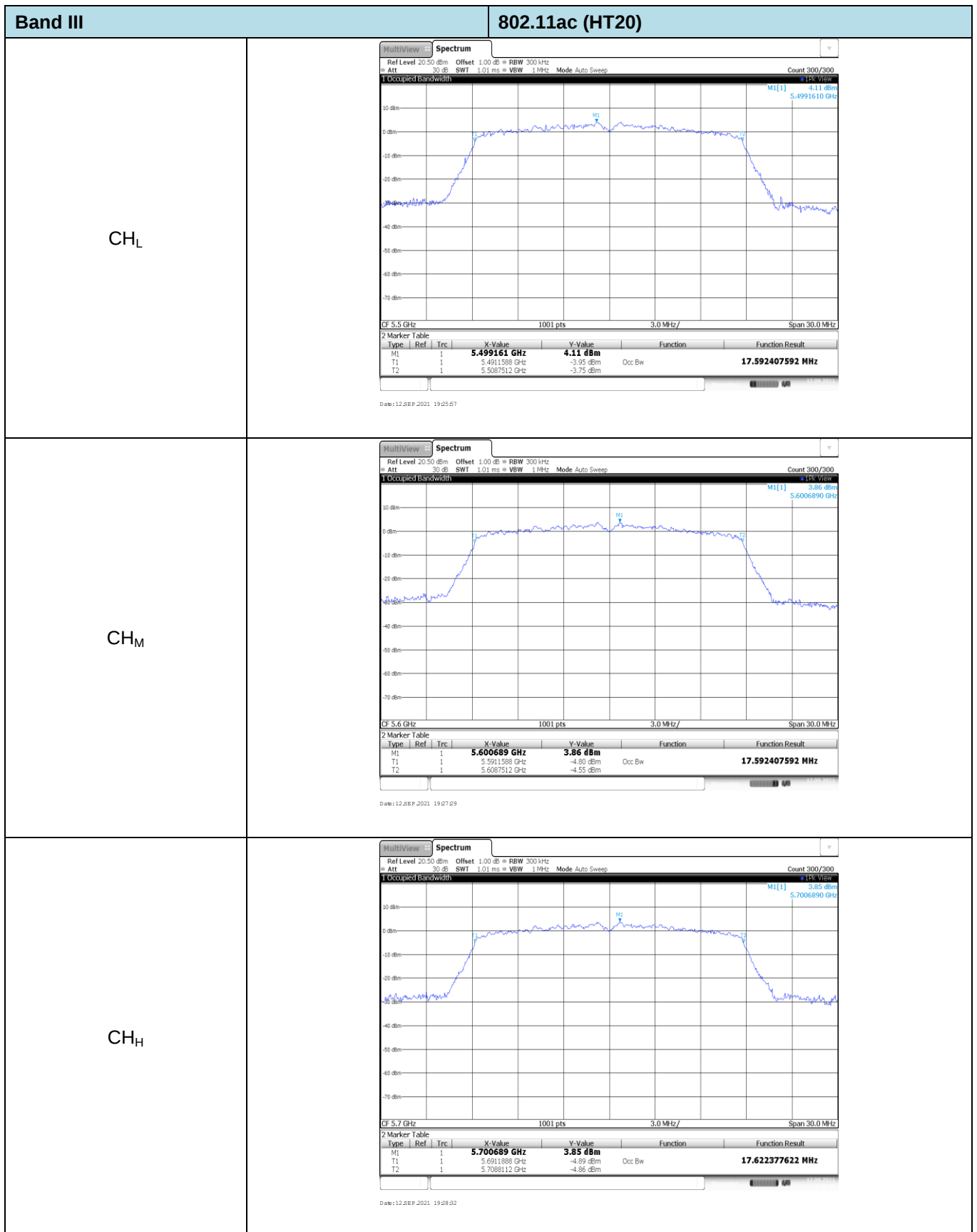
CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

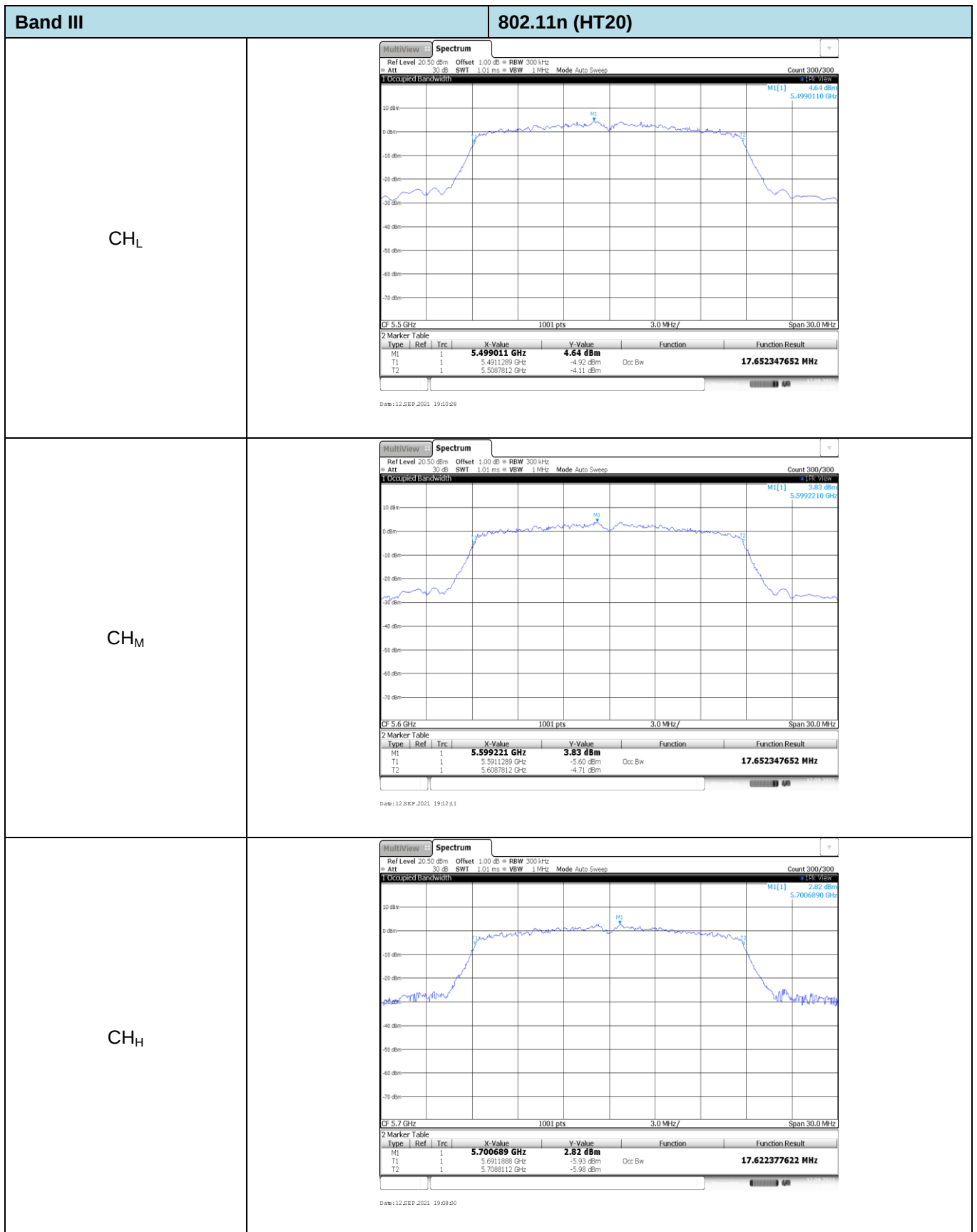
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.318531 GHz	6.52 dBm		
T1	1		5.311585 GHz	-3.48 dBm	Occ Bw	16.873126873 MHz
T2	1		5.3283916 GHz	-3.71 dBm		

Date: 12 SEP 2021 17:58:56









Band III

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 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.497752 GHz	5.68 dBm		
T1	1		5.4914885 GHz	-5.49 dBm	Occ BW	16.813186813 MHz
T2	1		5.5083017 GHz	-4.88 dBm		

Date: 12 SEP 2021 19:01:29

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 5.6 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.598531 GHz	4.71 dBm		
T1	1		5.5914885 GHz	-5.37 dBm	Occ BW	16.843156843 MHz
T2	1		5.6083317 GHz	-5.64 dBm		

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CH_H

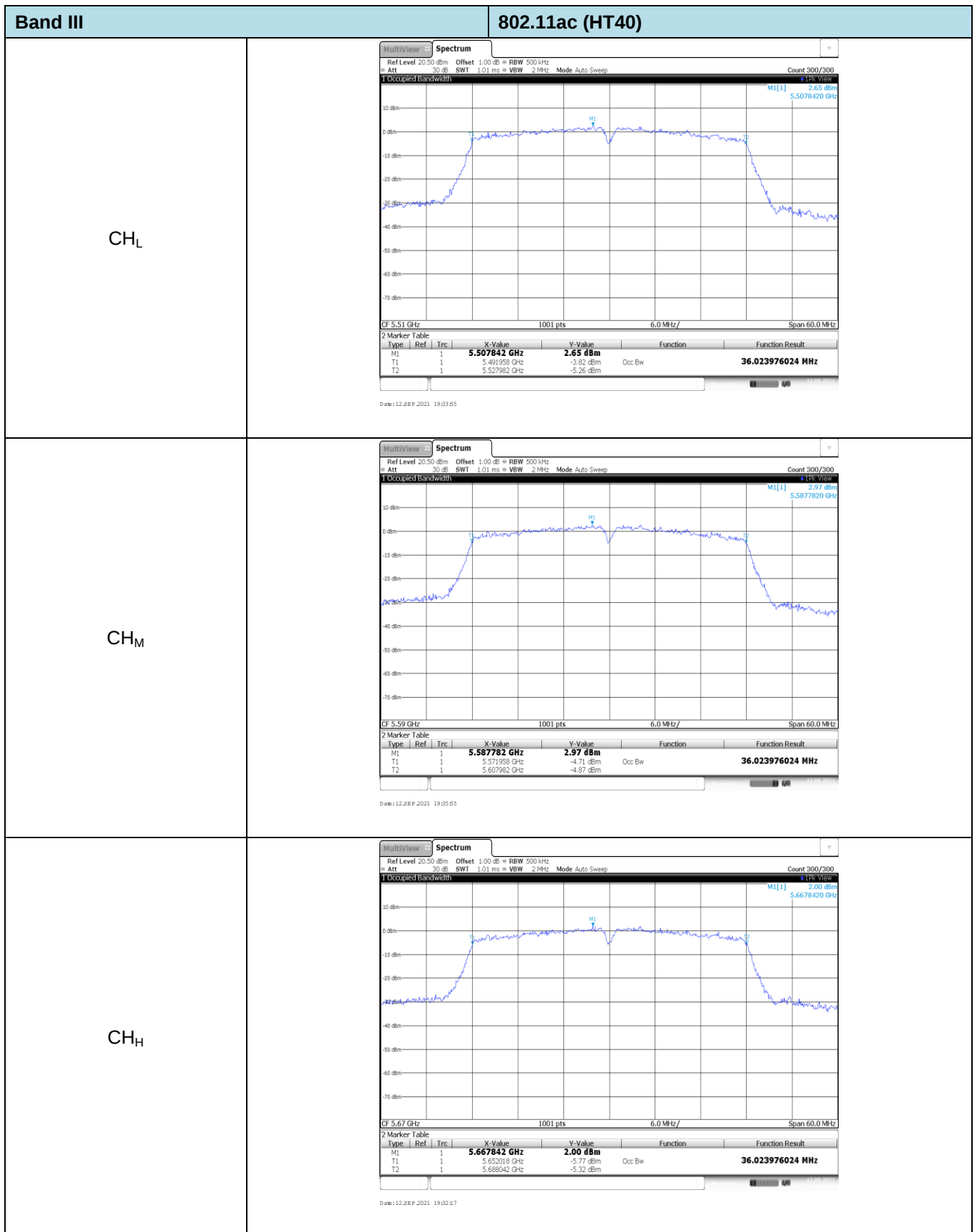
Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz
Att 30 dB SWT 1.01 ms VBW 1 MHz Mode Auto Sweep Count 300/300

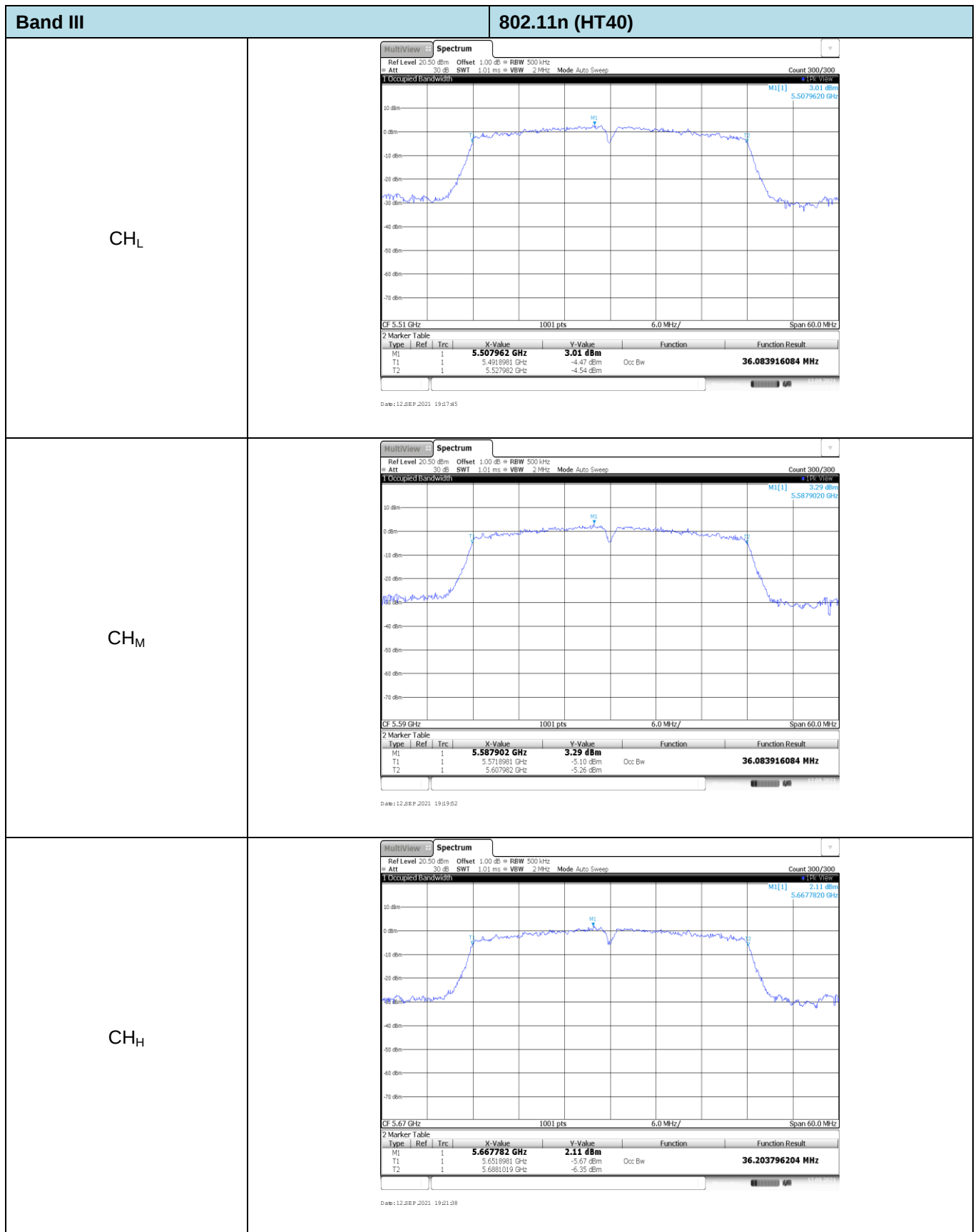
1 Occupied Bandwidth

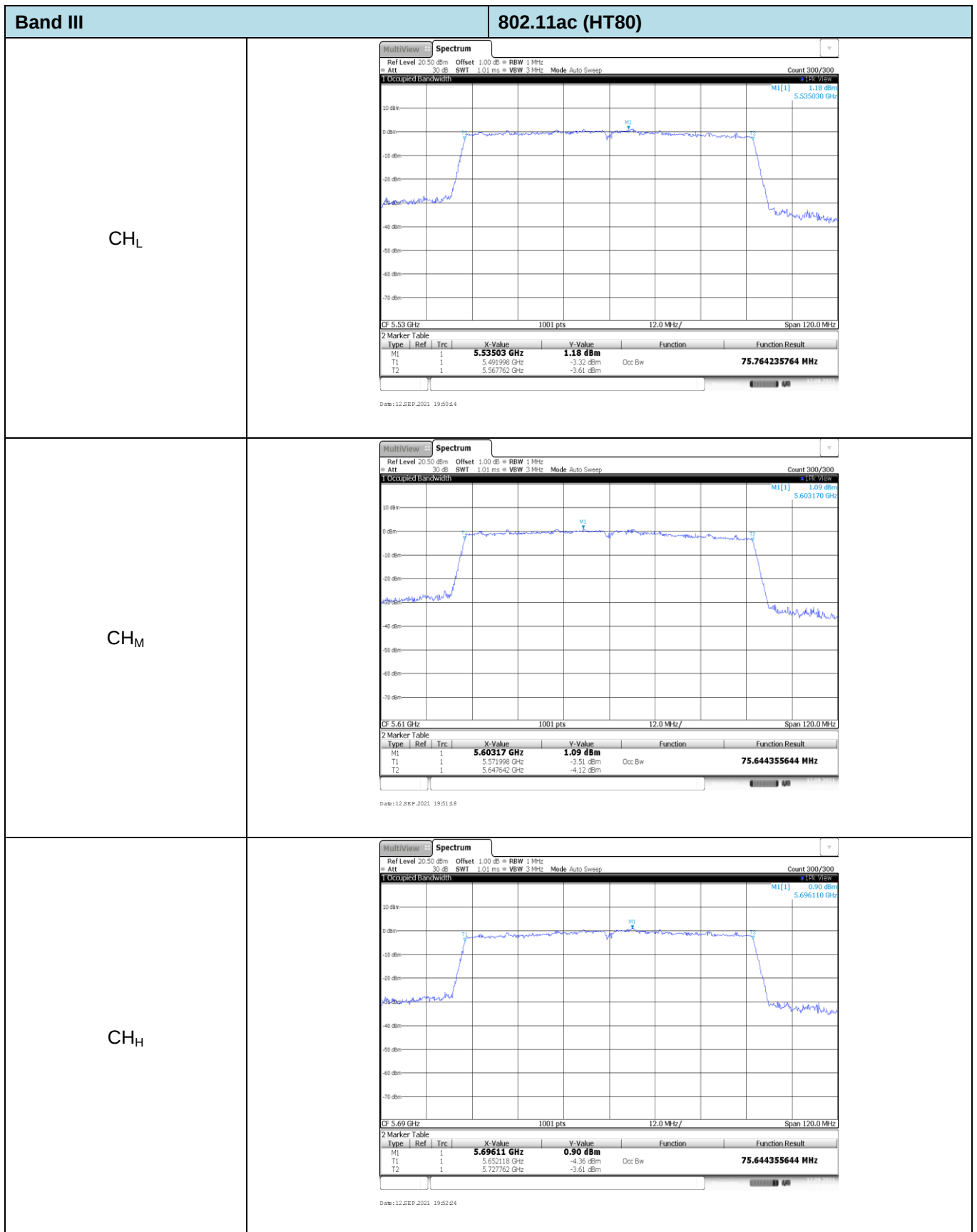
CF 5.7 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.697872 GHz	4.62 dBm		
T1	1		5.6915185 GHz	-5.49 dBm	Occ BW	16.873126873 MHz
T2	1		5.7083916 GHz	-5.71 dBm		

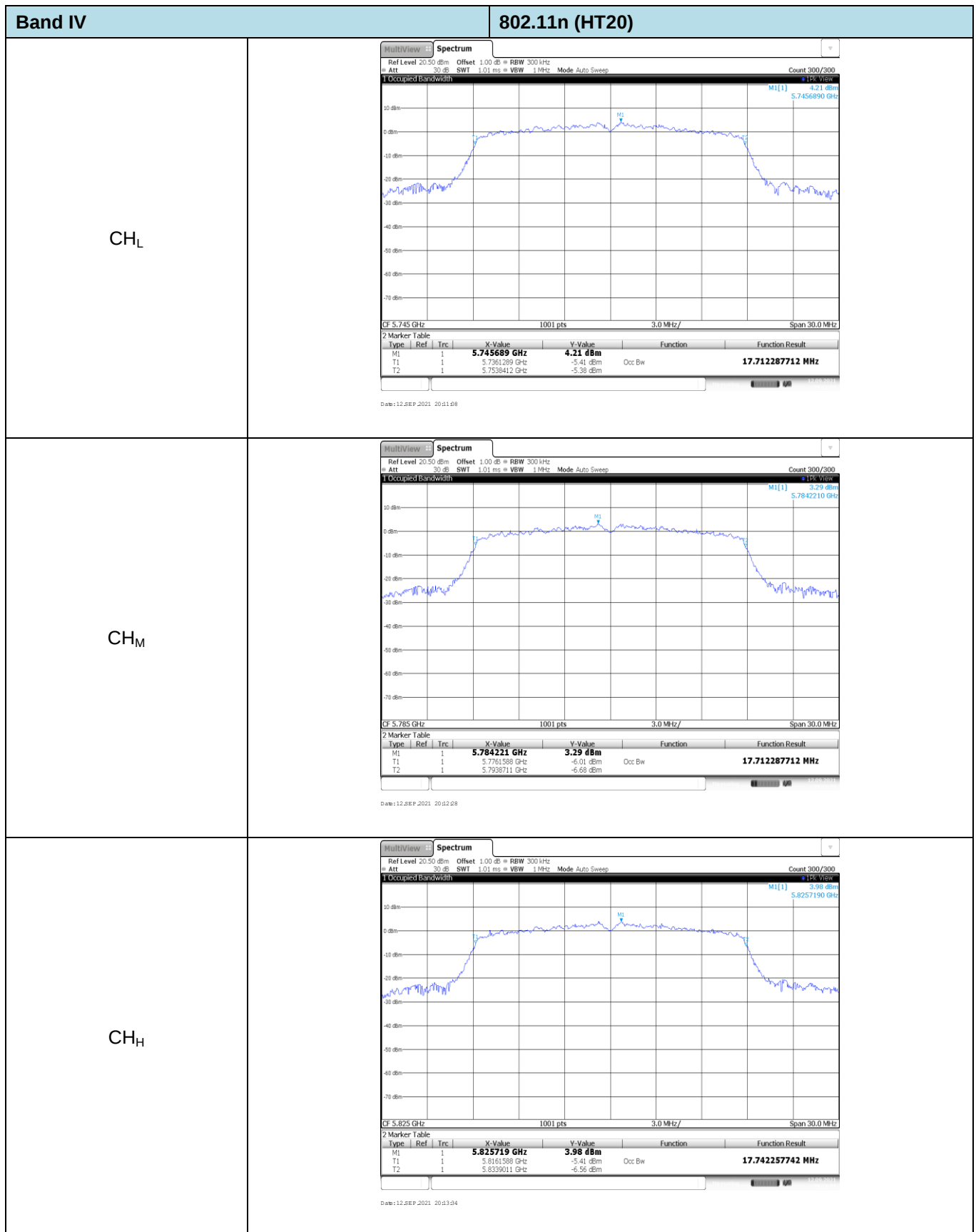
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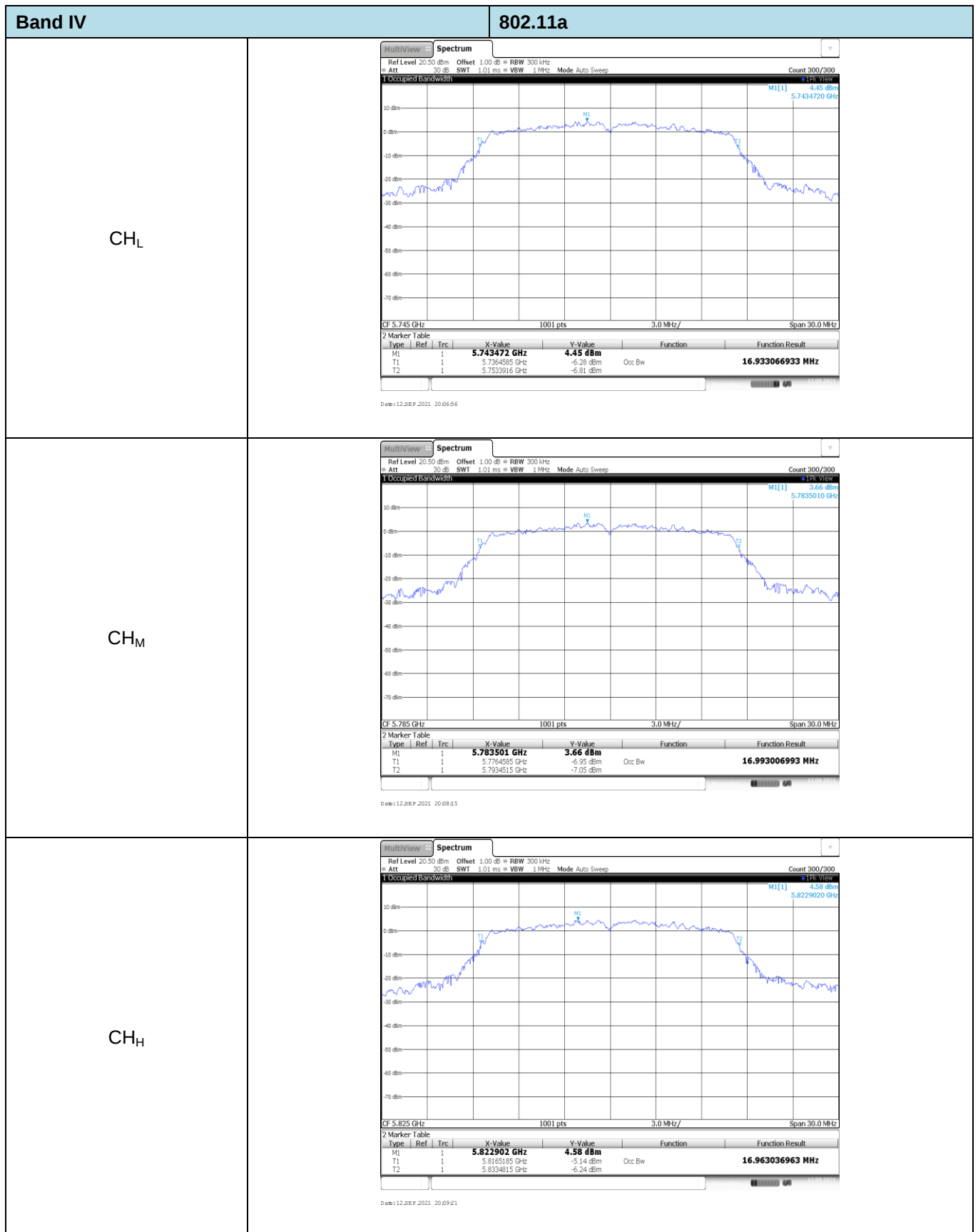


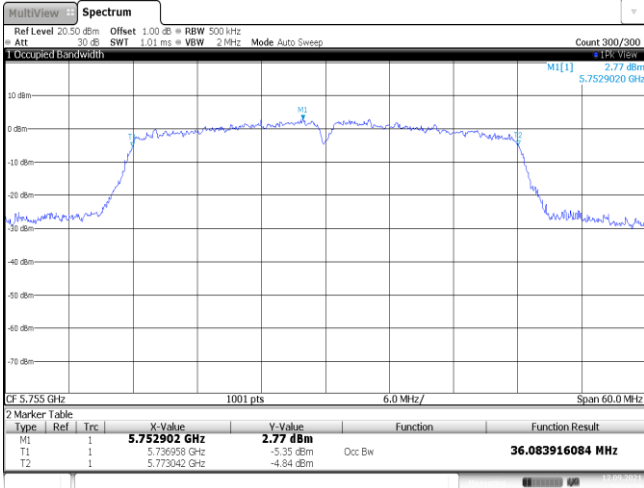
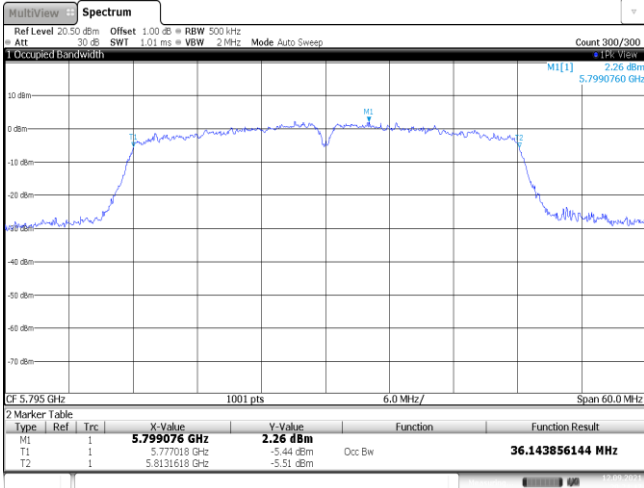


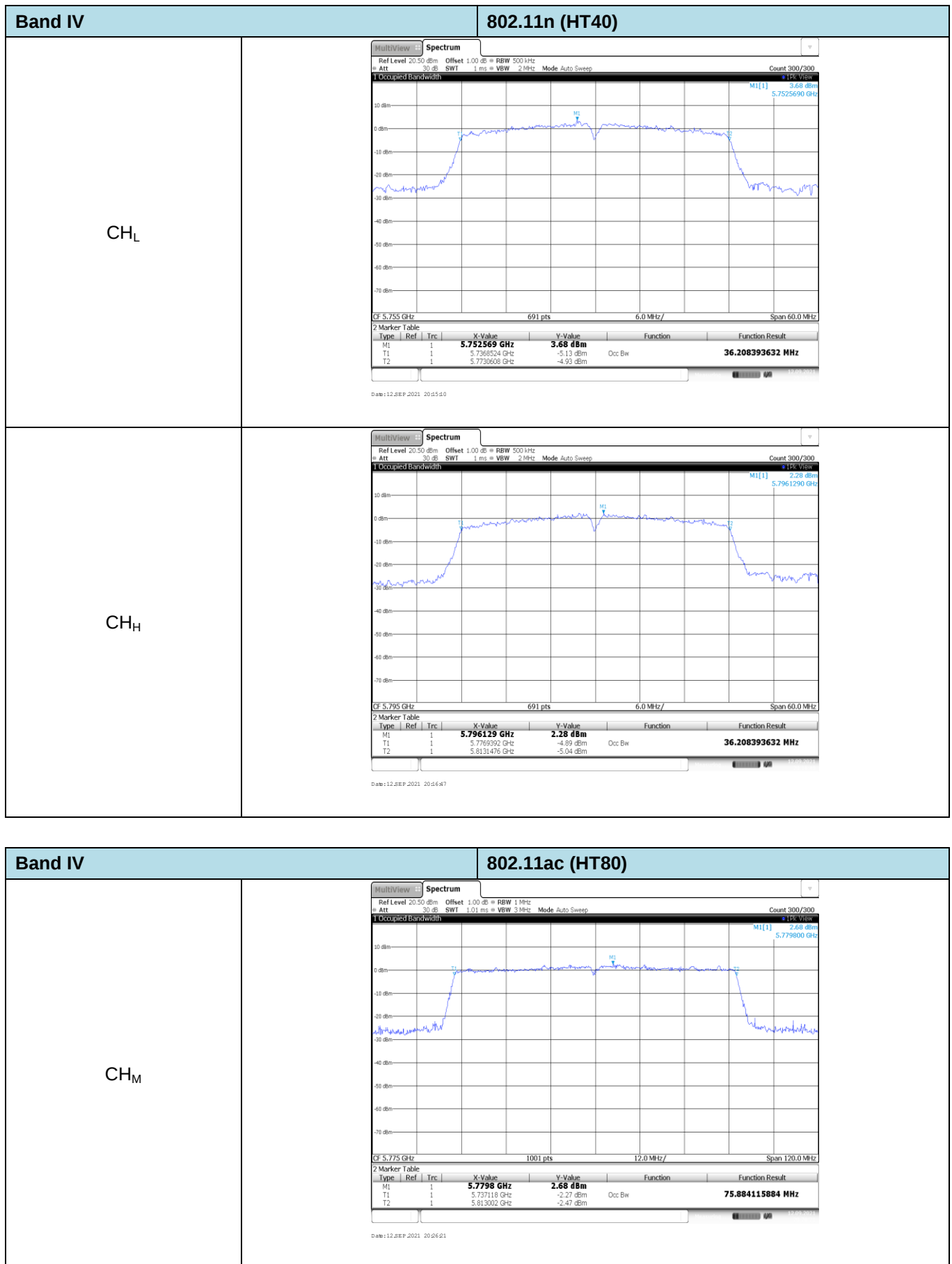


Band IV		802.11ac (HT20)
CH _L	MultViewSpectrum Ref Level 20.50 dBm Offset 1.00 dB BW 300 kHz Att -80 dB SWI 1.01 ms VIEW 1 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth	



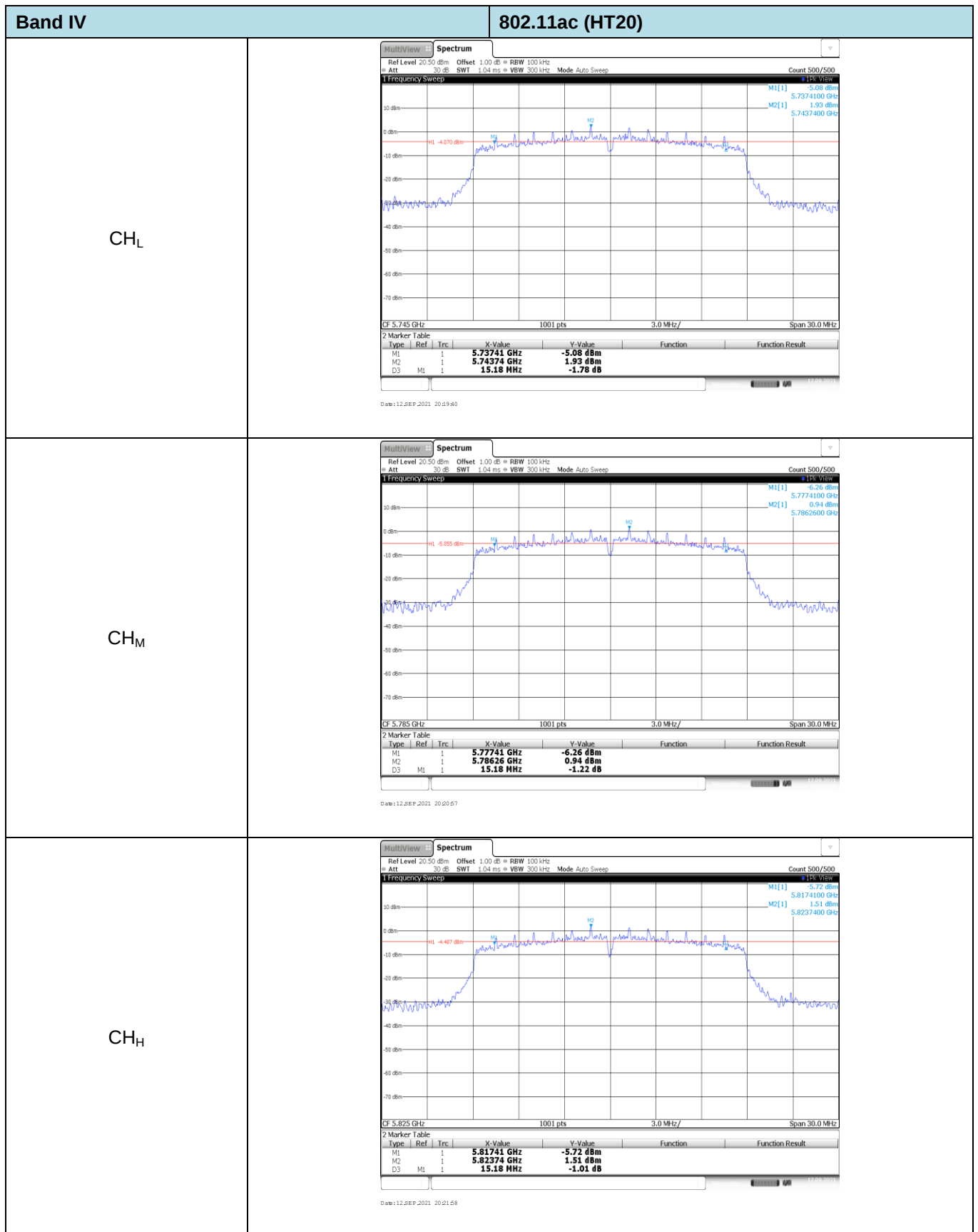


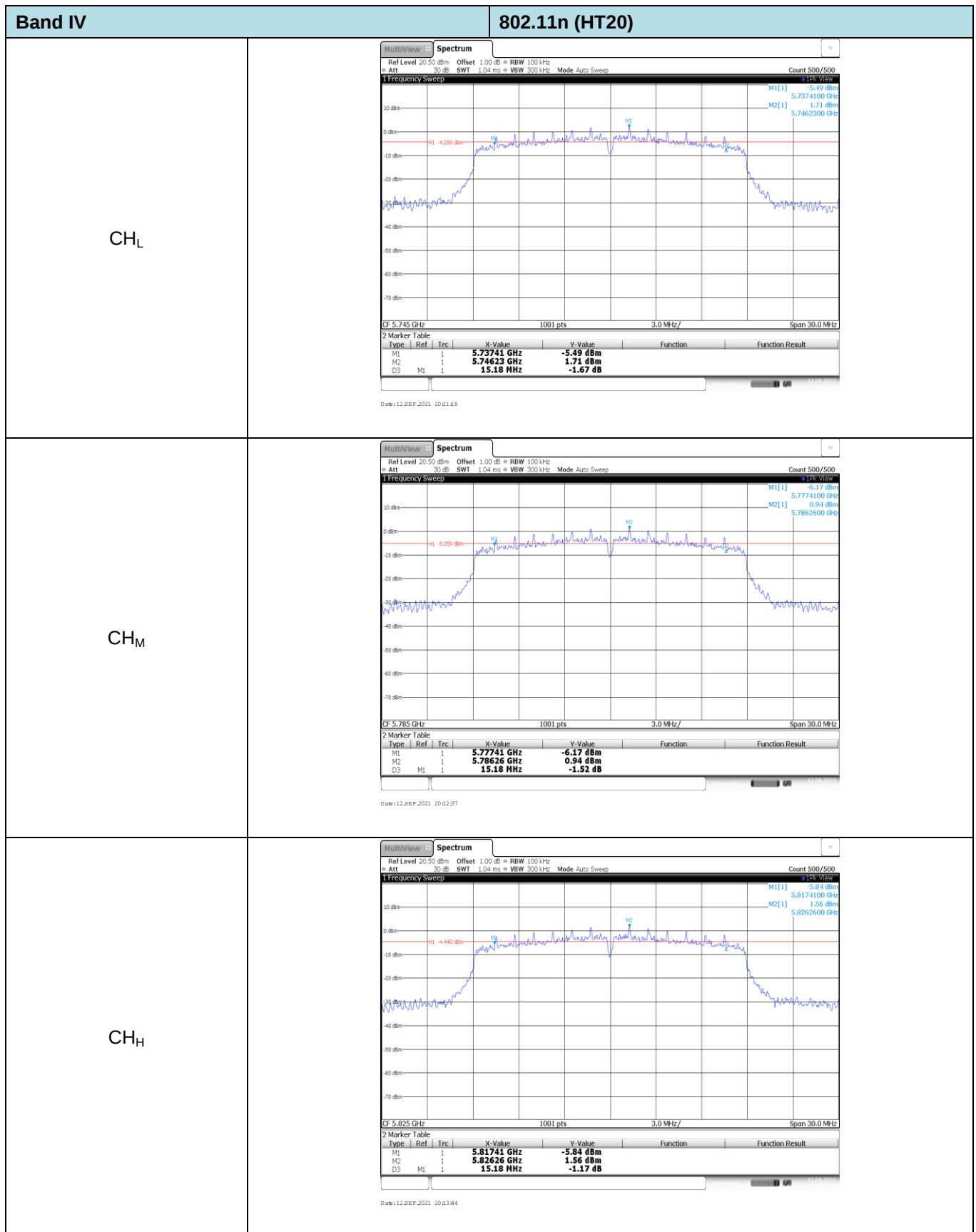
Band IV		802.11ac (HT40)																												
CH _L	MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 2 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth <table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-Value</th><th>Y-Value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td>1</td><td></td><td>5.752902 GHz</td><td>2.77 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>5.736958 GHz</td><td>-5.35 dBm</td><td>Occ Bw</td><td>36.083916084 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>5.773042 GHz</td><td>-4.84 dBm</td><td></td><td></td></tr></table> Date: 12 SEP 2021 20:23:28		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.752902 GHz	2.77 dBm			T1	1		5.736958 GHz	-5.35 dBm	Occ Bw	36.083916084 MHz	T2	1		5.773042 GHz	-4.84 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.752902 GHz	2.77 dBm																										
T1	1		5.736958 GHz	-5.35 dBm	Occ Bw	36.083916084 MHz																								
T2	1		5.773042 GHz	-4.84 dBm																										
CH _H	MultiView Spectrum Ref Level 20.50 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 2 MHz Mode Auto Sweep Count 300/300 1 Occupied Bandwidth <table><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><tr><td>M1</td><td>1</td><td></td><td>5.799076 GHz</td><td>2.26 dBm</td><td></td><td></td></tr><tr><td>T1</td><td>1</td><td></td><td>5.777018 GHz</td><td>-5.44 dBm</td><td>Occ Bw</td><td>36.143856144 MHz</td></tr><tr><td>T2</td><td>1</td><td></td><td>5.8131618 GHz</td><td>-5.51 dBm</td><td></td><td></td></tr></table> Date: 12 SEP 2021 20:24:47		Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.799076 GHz	2.26 dBm			T1	1		5.777018 GHz	-5.44 dBm	Occ Bw	36.143856144 MHz	T2	1		5.8131618 GHz	-5.51 dBm		
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.799076 GHz	2.26 dBm																										
T1	1		5.777018 GHz	-5.44 dBm	Occ Bw	36.143856144 MHz																								
T2	1		5.8131618 GHz	-5.51 dBm																										

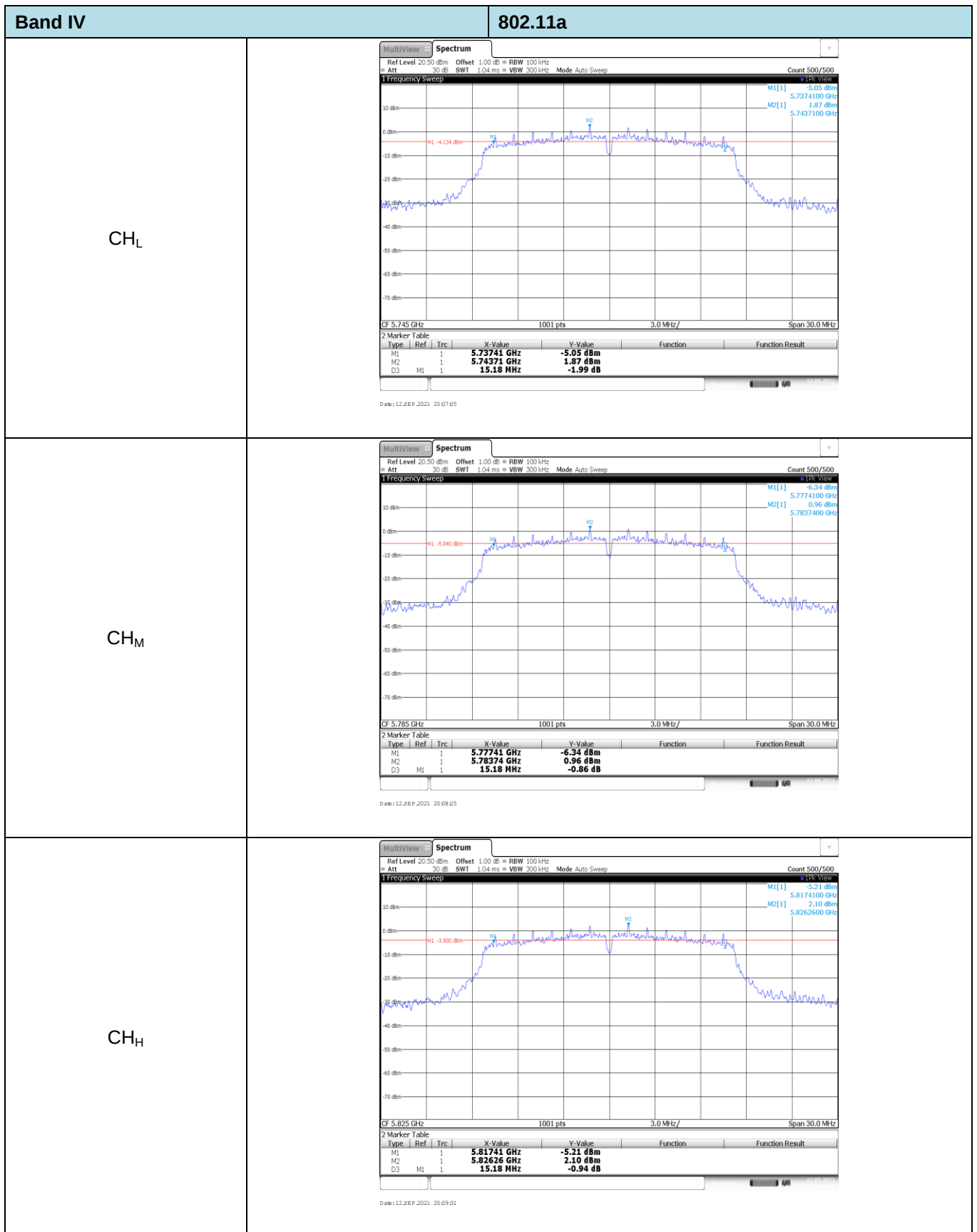


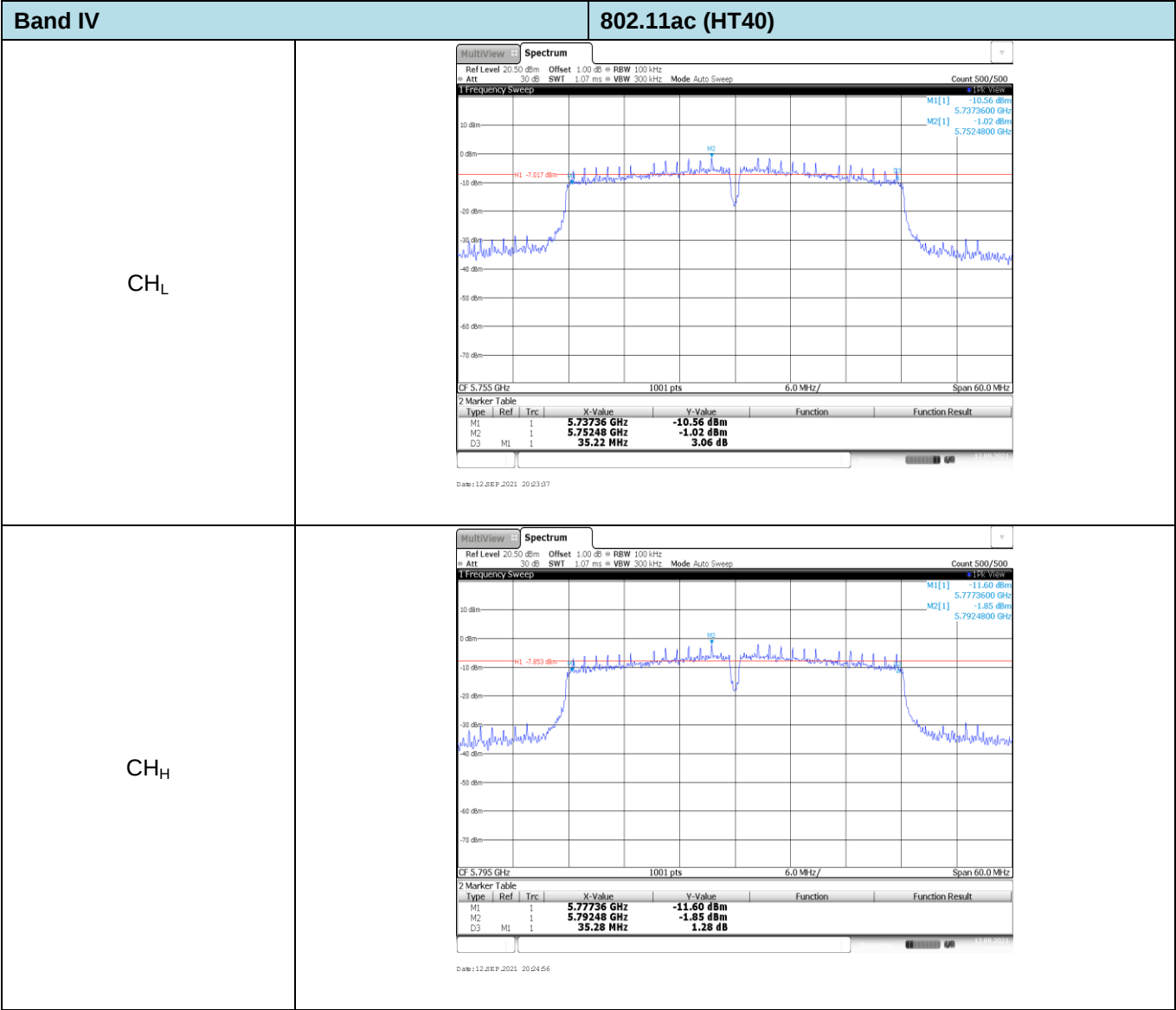
Appendix E: 6dB Bandwidth

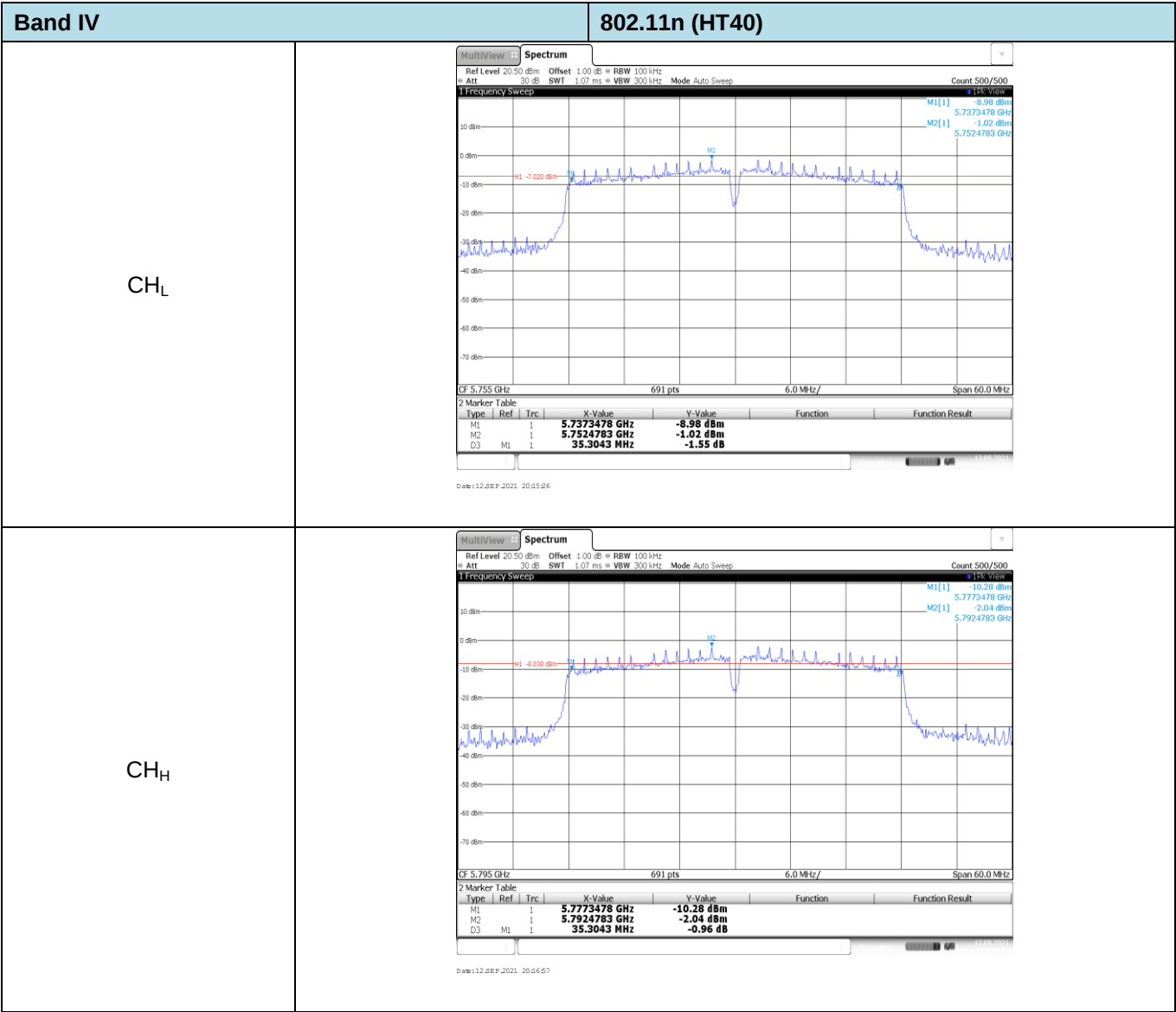
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	15.18	Pass
			CH _M	15.18	
			CH _H	15.18	
		802.11n	CH _L	15.18	Pass
			CH _M	15.18	
			CH _H	15.18	
		802.11a	CH _L	15.18	Pass
			CH _M	15.18	
			CH _H	15.18	
	40	802.11ac	CH _L	35.22	Pass
			CH _H	35.28	
		802.11n	CH _L	35.30	Pass
			CH _H	35.30	
	80	802.11ac	CH _M	75.72	Pass

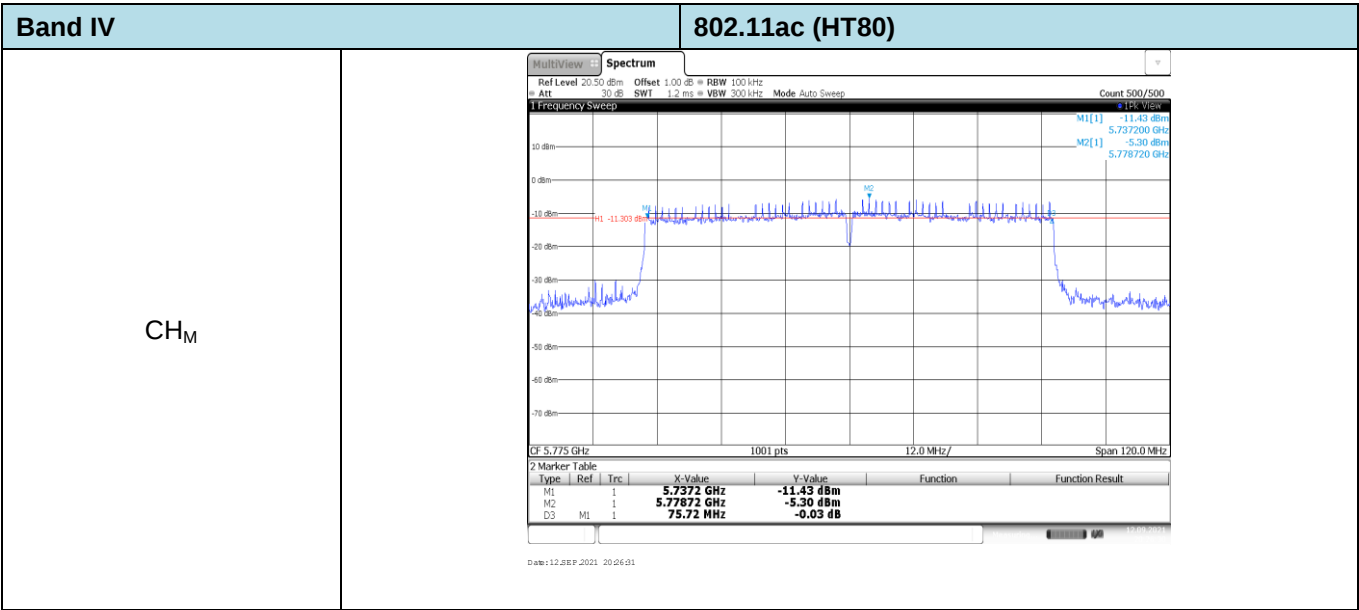












Appendix F: Frequency stability

Voltage VS Frequency stability

Band: I			Test Frequency: 5180.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-3000.00	-0.57915	PASS
T _N	V _N	-3000.00	-0.57915	PASS
T _N	V _H	-3000.00	-0.57915	PASS

Band: II			Test Frequency: 5260.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-3000.00	-0.57034	PASS
T _N	V _N	-3000.00	-0.57034	PASS
T _N	V _H	-3000.00	-0.57034	PASS

Band: III			Test Frequency: 5500.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-3000.00	-0.54546	PASS
T _N	V _N	-3000.00	-0.54546	PASS
T _N	V _H	-3000.00	-0.54546	PASS

Band: IV			Test Frequency: 5745.00MHz	
Temperature (°C)	Voltage (V)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
T _N	V _L	-3000.00	-0.52219	PASS
T _N	V _N	-3000.00	-0.52219	PASS
T _N	V _H	-3000.00	-0.52219	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	-3000.00	-0.57915	PASS
V _N	-10	-3000.00	-0.57915	PASS
V _N	0	-3000.00	-0.57915	PASS
V _N	10	-3000.00	-0.57915	PASS
V _N	20	-3000.00	-0.57915	PASS
V _N	30	-3000.00	-0.57915	PASS
V _N	40	-3000.00	-0.57915	PASS
V _N	50	-3000.00	-0.57915	PASS

Band: II			Test Frequency: 5260.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-3000.00	-0.57034	PASS
V _N	-10	-3000.00	-0.57034	PASS
V _N	0	-3000.00	-0.57034	PASS
V _N	10	-3000.00	-0.57034	PASS
V _N	20	-3000.00	-0.57034	PASS
V _N	30	-3000.00	-0.57034	PASS
V _N	40	-3000.00	-0.57034	PASS
V _N	50	-3000.00	-0.57034	PASS

Band: III			Test Frequency: 5500.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-3000.00	-0.54546	PASS
V _N	-10	-3000.00	-0.54546	PASS
V _N	0	-3000.00	-0.54546	PASS
V _N	10	-3000.00	-0.54546	PASS
V _N	20	-3000.00	-0.54546	PASS
V _N	30	-3000.00	-0.54546	PASS
V _N	40	-3000.00	-0.54546	PASS
V _N	50	-3000.00	-0.54546	PASS

Band: IV			Test Frequency: 5745.00MHz	
Voltage (V)	Temperature (°C)	Frequency Deviation (Hz)	Frequency Deviation (ppm)	Result
V _N	-20	-3000.00	-0.52219	PASS
V _N	-10	-3000.00	-0.52219	PASS
V _N	0	-3000.00	-0.52219	PASS
V _N	10	-3000.00	-0.52219	PASS
V _N	20	-3000.00	-0.52219	PASS
V _N	30	-3000.00	-0.52219	PASS
V _N	40	-3000.00	-0.52219	PASS
V _N	50	-3000.00	-0.52219	PASS

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