

APPENDIX REPORT

Project No.	SHT2206030501EW	Radio Specification	WIFI 5G
Model No.	C2000		
Start test date	2022-06-17	Finish date	2022-06-21
Temperature	25.8℃	Humidity	39%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zhu

Appendix clause	Test item	Result
A	Maximum Conducted Output Power	PASS
B	Maximum Power Spectral Density	PASS
C	26 dB Bandwidth	PASS
D	99% Occupy bandwidth	PASS
E	6 dB Bandwidth	PASS
F	Frequency stability	PASS

Appendix A: Maximum Conducted Output Power

Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Conducted Output Power (dBm)		Total Power (dBm)	Limit (dBm)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
I	20	802.11ac	CH _L	11.92	10.71	91.58	91.58	0.38	0.38	12.30	11.09	14.75	28.72	Pass
			CH _M	10.72	11.08	91.57	91.58	0.38	0.38	11.10	11.46	14.31		
			CH _H	10.91	11.49	91.57	91.57	0.38	0.38	11.29	11.87	14.62		
		802.11n	CH _L	11.19	9.92	95.42	95.33	0.20	0.21	11.39	10.13	13.81	28.72	Pass
			CH _M	10.00	10.32	95.42	95.42	0.20	0.20	10.20	10.52	13.36		
			CH _H	10.09	10.70	95.42	95.42	0.20	0.20	10.29	10.90	13.62		
		802.11a	CH _L	13.45	12.80	95.69	95.69	0.19	0.19	13.64	12.99	-	28.72	Pass
			CH _M	12.16	12.90	95.69	95.69	0.19	0.19	12.35	13.09	-		
			CH _H	12.20	13.46	95.69	95.78	0.19	0.19	12.39	13.65	-		
	40	802.11ac	CH _L	11.30	10.62	85.17	85.17	0.70	0.70	12.00	11.32	14.67	28.72	Pass
			CH _H	10.43	11.14	85.32	85.17	0.69	0.70	11.12	11.84	14.47		
		802.11n	CH _L	10.79	10.07	91.37	91.37	0.39	0.39	11.18	10.46	13.87	28.72	Pass
			CH _H	10.04	10.39	91.37	91.37	0.39	0.39	10.43	10.78	13.61		
	80	802.11ac	CH _M	9.82	9.79	75.57	75.51	1.22	1.22	11.04	11.01	14.01	28.72	Pass

Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Conducted Output Power (dBm)		Total Power (dBm)	Limit (dBm)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
IV	20	802.11ac	CH _L	11.66	11.82	91.41	91.57	0.39	0.38	12.05	12.20	15.16	28.72	Pass
			CH _M	11.50	11.44	91.57	91.58	0.38	0.38	11.88	11.82	14.86		
			CH _H	11.48	11.18	91.57	91.58	0.38	0.38	11.86	11.56	14.76		
		802.11n	CH _L	11.90	12.07	95.42	95.42	0.20	0.20	12.10	12.27	15.21	28.72	Pass
			CH _M	11.62	11.67	95.42	95.42	0.20	0.20	11.82	11.87	14.86		
			CH _H	11.84	11.41	95.42	95.42	0.20	0.20	12.04	11.61	14.81		
		802.11a	CH _L	14.25	14.51	95.69	95.69	0.19	0.19	14.44	14.70	-	28.72	Pass
			CH _M	14.15	14.04	95.69	95.69	0.19	0.19	14.34	14.23	-		
			CH _H	14.24	13.79	95.69	95.69	0.19	0.19	14.43	13.98	-		
	40	802.11ac	CH _L	11.52	11.63	85.17	85.17	0.70	0.70	12.22	12.33	15.26	28.72	Pass
			CH _H	11.43	11.22	85.17	85.17	0.70	0.70	12.13	11.92	15.01		
		802.11n	CH _L	11.84	12.07	91.36	91.36	0.39	0.39	12.23	12.46	15.36	28.72	Pass
			CH _H	11.60	11.69	91.37	91.36	0.39	0.39	11.99	12.08	15.06		
	80	802.11ac	CH _M	10.29	10.34	75.32	75.51	1.23	1.22	11.52	11.56	14.56	28.72	Pass

NOTE: duty cycle factor =10LOG(1/ duty cycle)

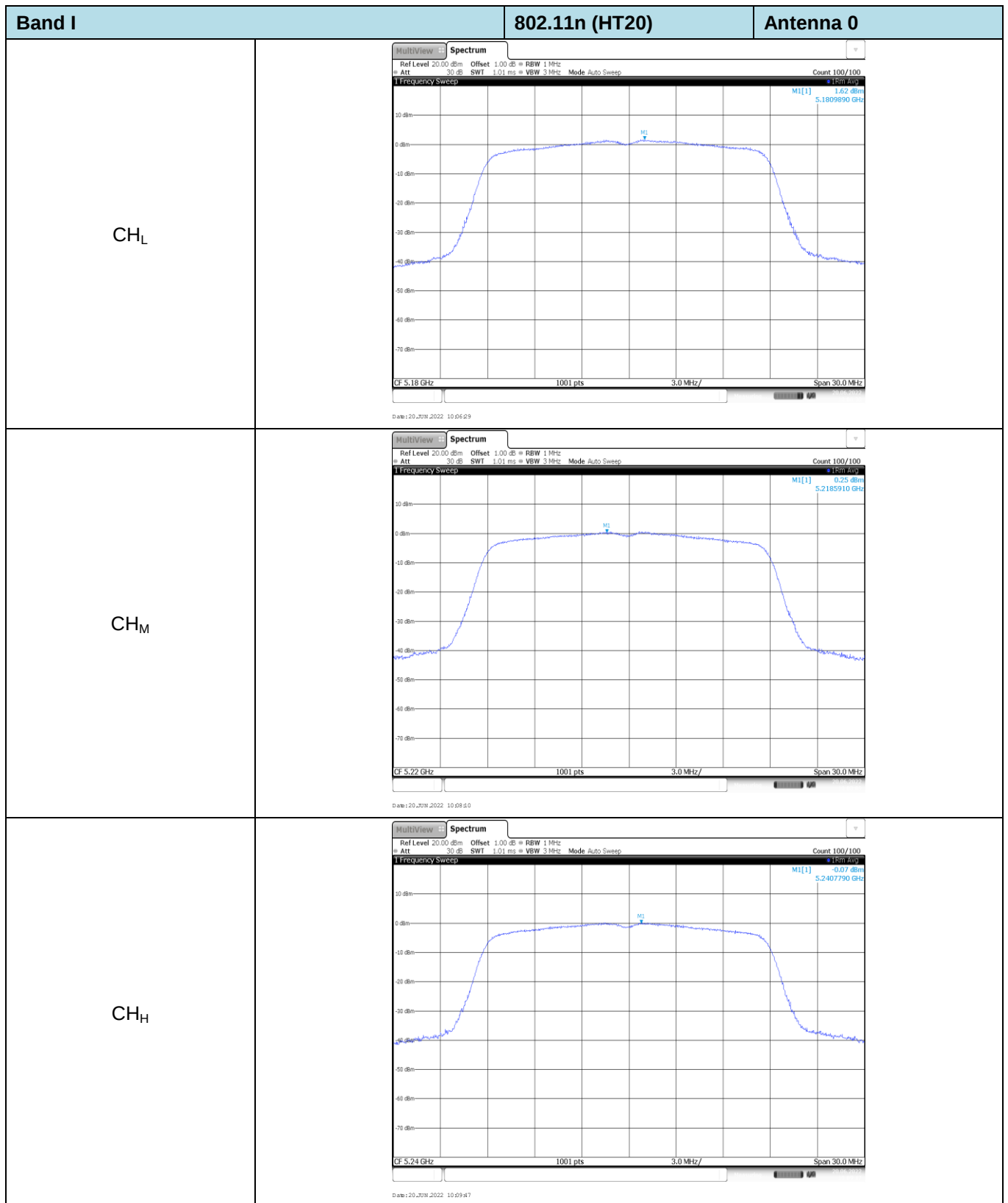
Appendix B: Maximum Power Spectral Density

Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Power Spectral Density (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
I	20	802.11ac	CH _L	2.20	0.44	91.58	91.58	0.38	0.38	2.58	0.82	4.80	12.71	Pass
			CH _M	0.88	1.07	91.57	91.58	0.38	0.38	1.26	1.45	4.37		
			CH _H	0.84	1.42	91.57	91.57	0.38	0.38	1.22	1.80	4.53		
		802.11n	CH _L	1.62	-0.40	95.42	95.33	0.20	0.21	1.82	-0.19	3.94	12.71	Pass
			CH _M	0.25	0.01	95.42	95.42	0.20	0.20	0.45	0.21	3.34		
			CH _H	-0.07	0.41	95.42	95.42	0.20	0.20	0.13	0.61	3.39		
		802.11a	CH _L	3.53	2.99	95.69	95.69	0.19	0.19	3.72	3.18	-	12.71	Pass
			CH _M	2.32	2.88	95.69	95.69	0.19	0.19	2.51	3.07	-		
			CH _H	2.39	3.12	95.69	95.78	0.19	0.19	2.58	3.31	-		
	40	802.11ac	CH _L	-1.85	-2.15	85.17	85.17	0.70	0.70	-1.15	-1.45	1.71	12.71	Pass
			CH _H	-2.40	-2.28	85.32	85.17	0.69	0.70	-1.71	-1.58	1.37		
		802.11n	CH _L	-2.24	-2.61	91.37	91.37	0.39	0.39	-1.85	-2.22	0.98	12.71	Pass
			CH _H	-3.14	-2.64	91.37	91.37	0.39	0.39	-2.75	-2.25	0.52		
	80	802.11ac	CH _M	-6.15	-6.46	75.57	75.51	1.22	1.22	-4.93	-5.24	-2.07	12.71	Pass

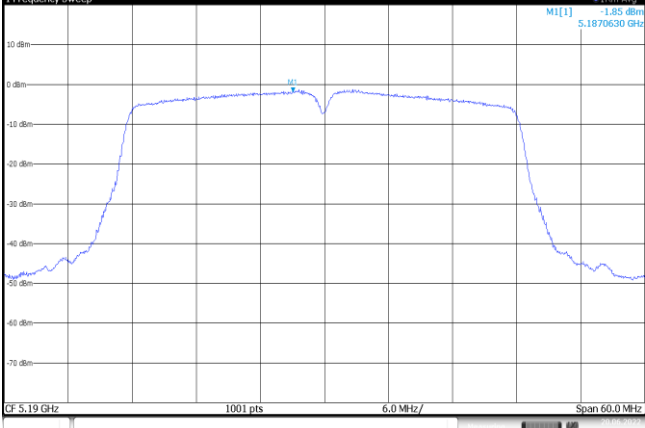
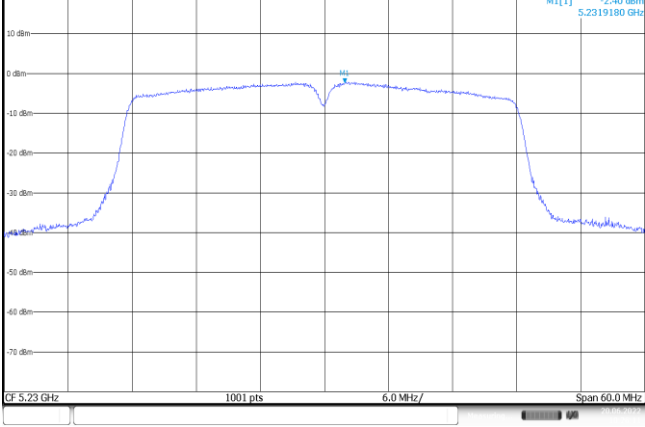
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Power Spectral Density (dBm/500kHz)		Total PSD (dBm/MHz)	Limit (dBm/500KHz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
IV	20	802.11ac	CH _L	-1.58	-2.16	91.41	91.57	0.39	0.38	-1.19	-1.78	1.54	25.71	Pass
			CH _M	-1.44	-1.54	91.57	91.58	0.38	0.38	-1.06	-1.16	1.90		
			CH _H	-1.89	-2.19	91.57	91.58	0.38	0.38	-1.51	-1.81	1.35		
		802.11n	CH _L	-0.95	-0.84	95.42	95.42	0.20	0.20	-0.75	-0.64	2.32	25.71	Pass
			CH _M	-1.11	-1.26	95.42	95.42	0.20	0.20	-0.91	-1.06	2.03		
			CH _H	-1.34	-2.17	95.42	95.42	0.20	0.20	-1.14	-1.97	1.48		
		802.11a	CH _L	1.47	1.74	95.69	95.69	0.19	0.19	1.66	1.93	-	25.71	Pass
			CH _M	1.22	2.11	95.69	95.69	0.19	0.19	1.41	2.30	-		
			CH _H	0.87	0.29	95.69	95.69	0.19	0.19	1.06	0.48	-		
	40	802.11ac	CH _L	-3.95	-4.07	85.17	85.17	0.70	0.70	-3.25	-3.37	-0.30	25.71	Pass
			CH _H	-4.36	-4.38	85.17	85.17	0.70	0.70	-3.66	-3.68	-0.66		
		802.11n	CH _L	-4.32	-3.76	91.36	91.36	0.39	0.39	-3.93	-3.37	-0.63	25.71	Pass
			CH _H	-4.52	-4.40	91.37	91.36	0.39	0.39	-4.13	-4.01	-1.06		
	80	802.11ac	CH _M	-8.37	-8.81	75.32	75.51	1.23	1.22	-7.14	-7.59	-4.35	25.71	Pass

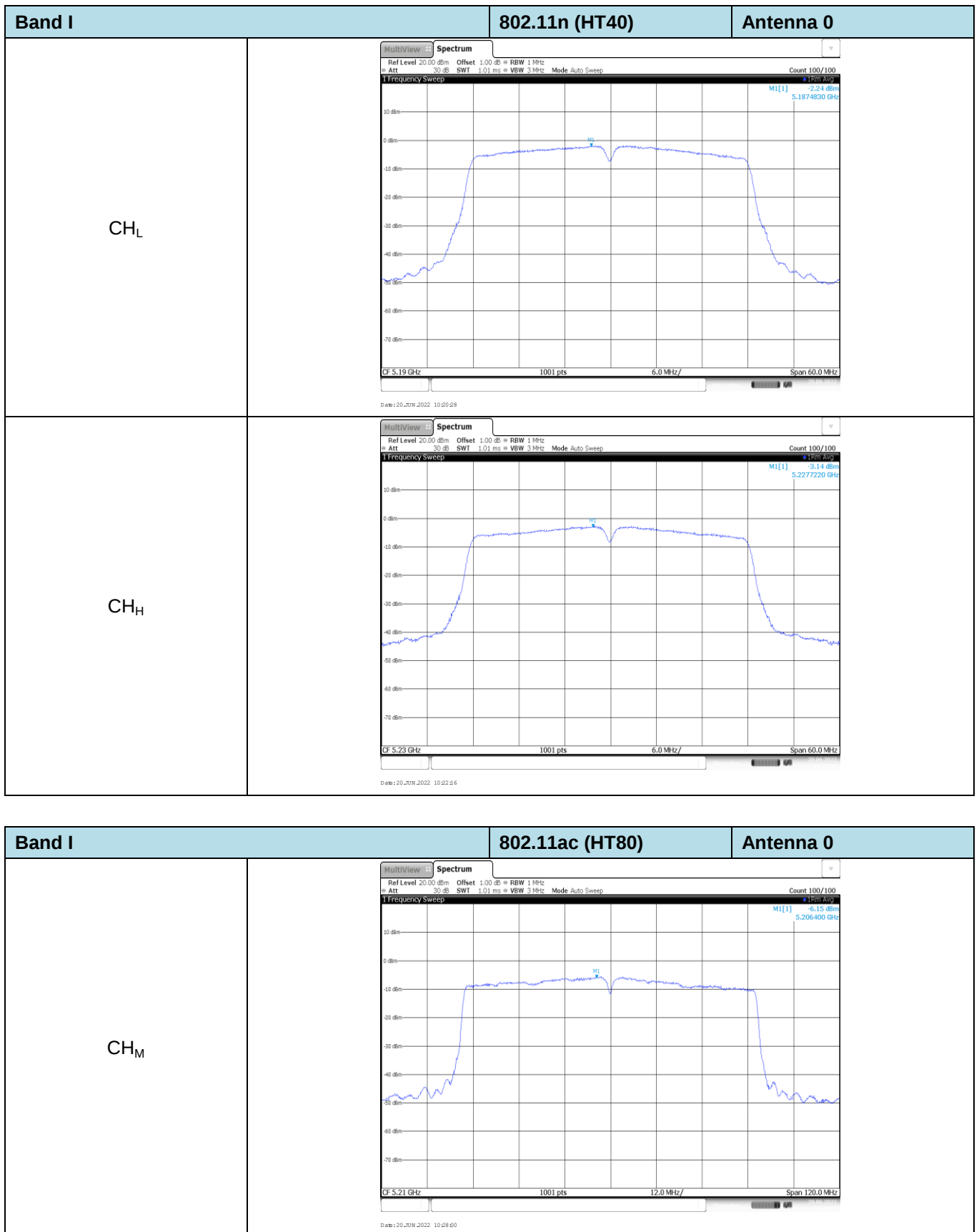
Test plot as follows:

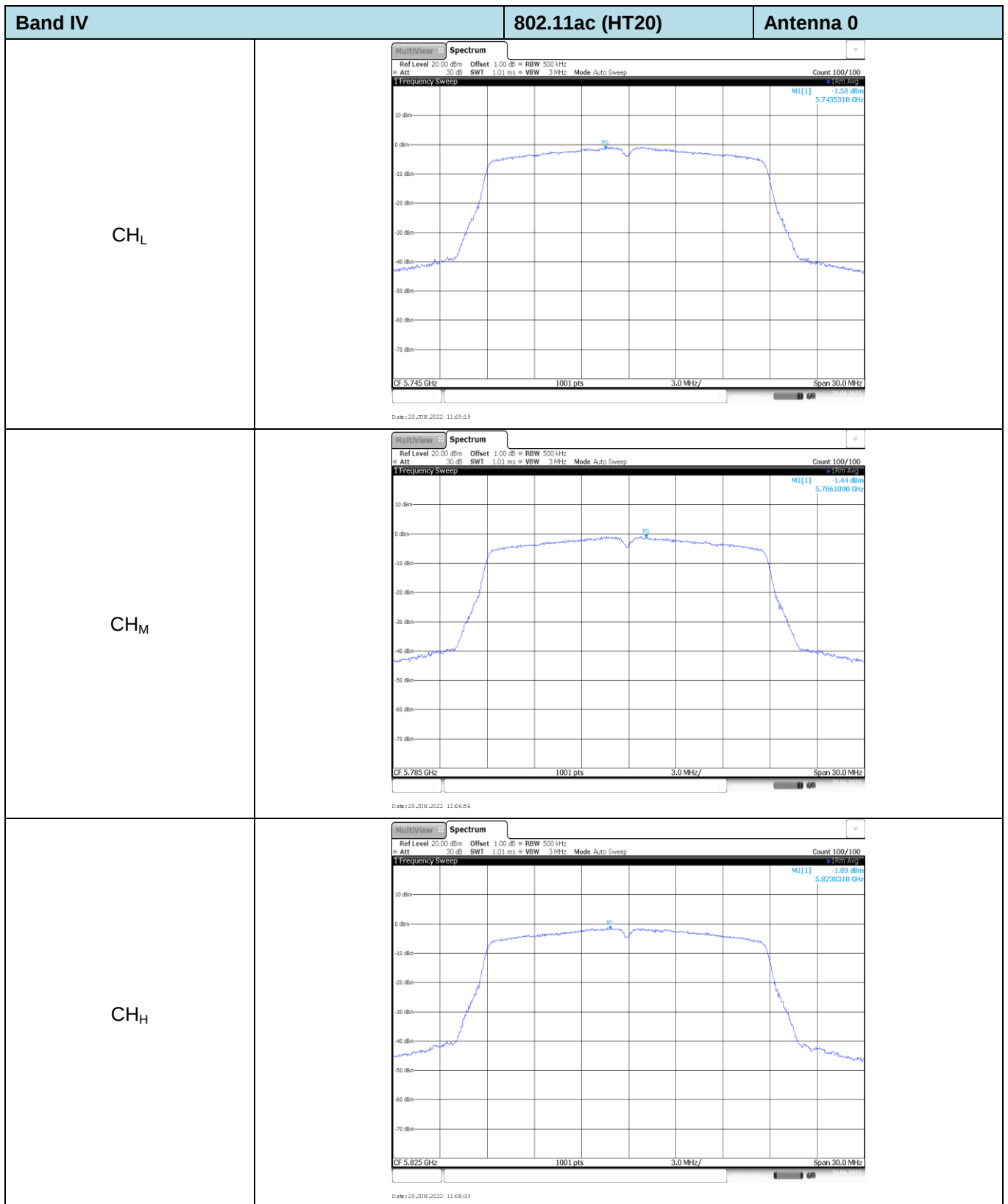
Band I	802.11ac (HT20)		Antenna 0
CH _L	MultView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Freq Sweep 20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm GF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz M1[1] 2.20 dBm 5.1782620 GHz Date: 20_JUN 2022 10:13:03		
CH _M	MultView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Freq Sweep 20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm GF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz M1[1] 0.88 dBm 5.2185310 GHz Date: 20_JUN 2022 10:14:49		
CH _H	MultView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Freq Sweep 20 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm GF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz M1[1] 0.84 dBm 5.2388310 GHz Date: 20_JUN 2022 10:16:27		

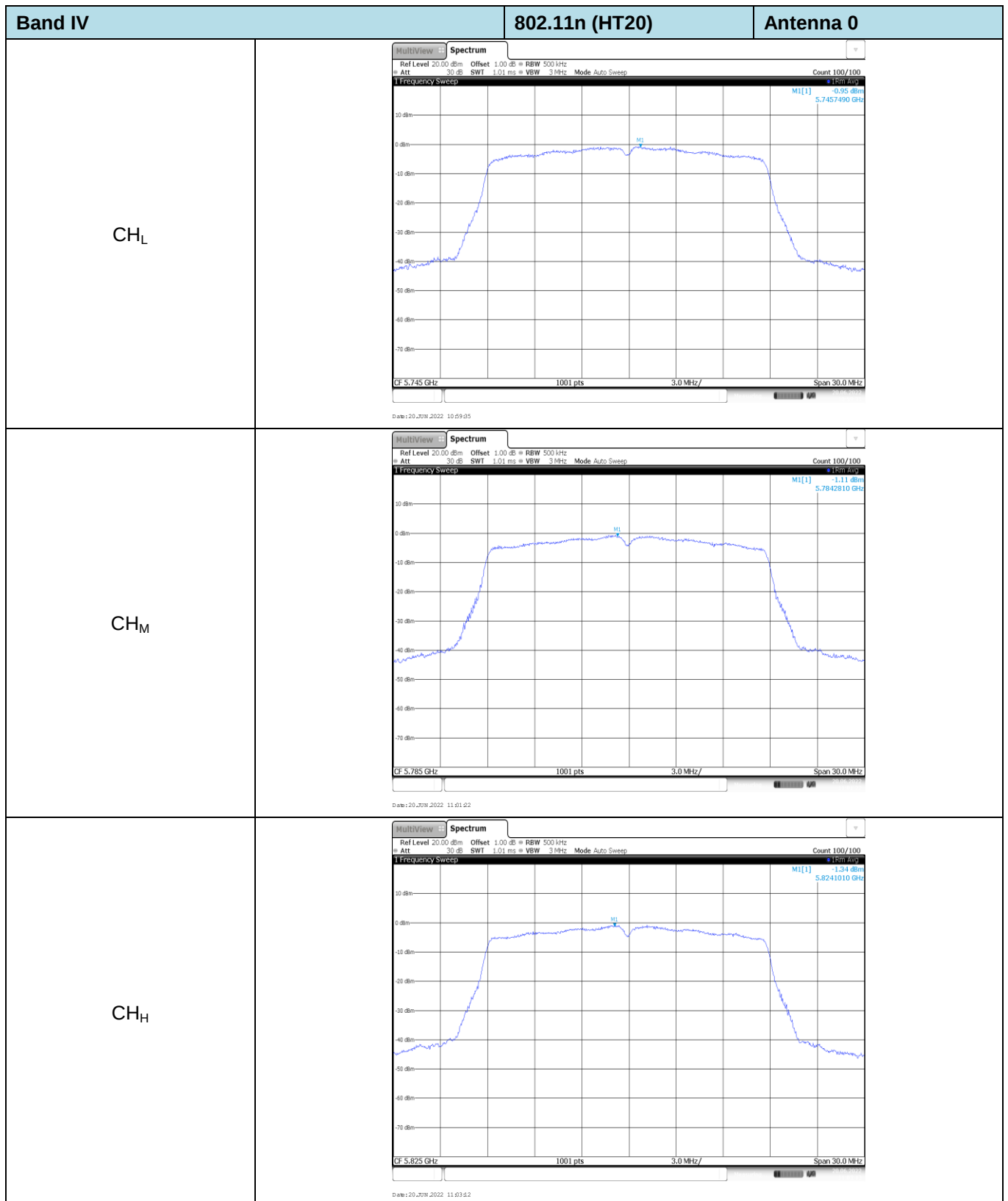


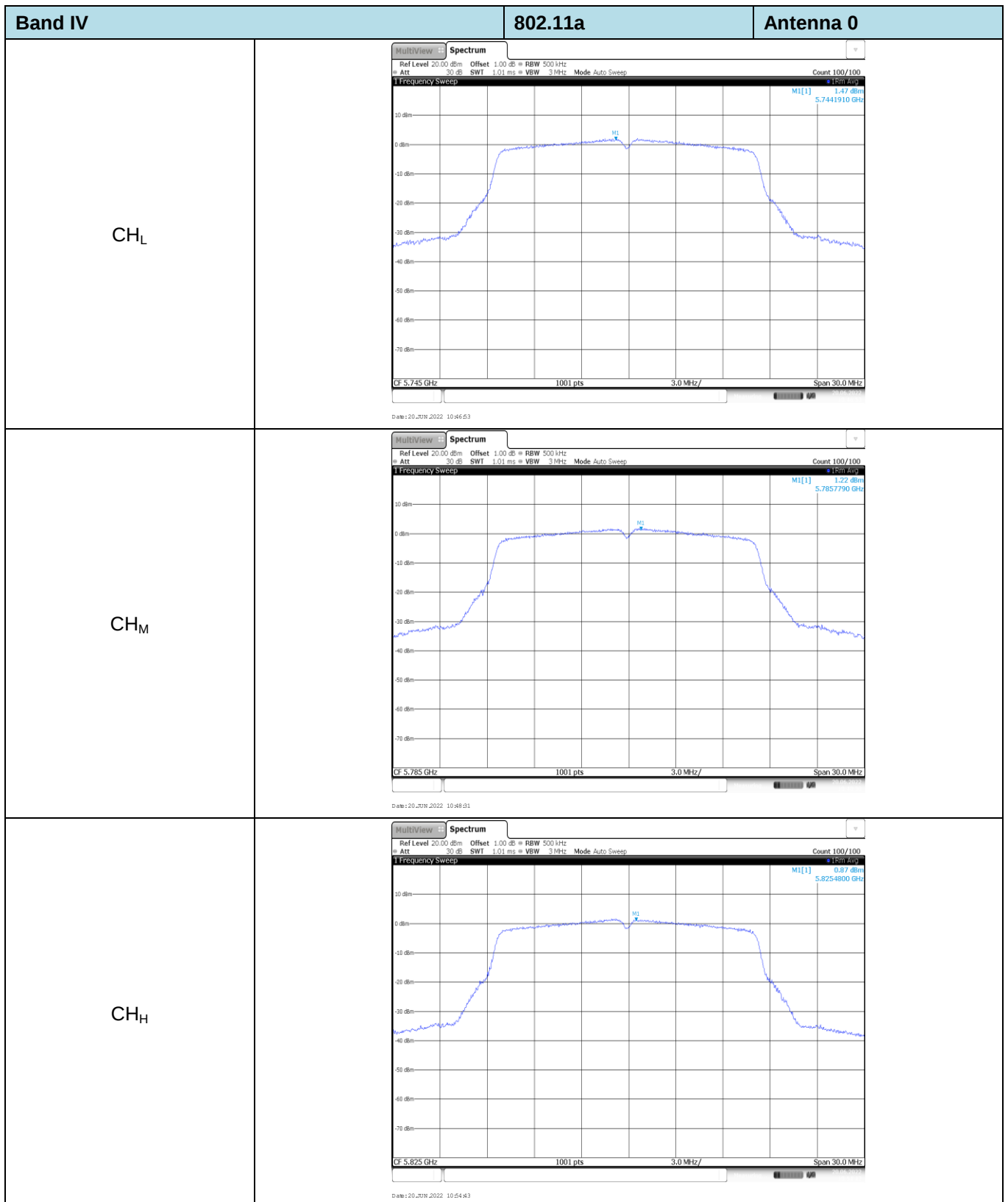
Band I	802.11a	Antenna 0
CH _L	<	

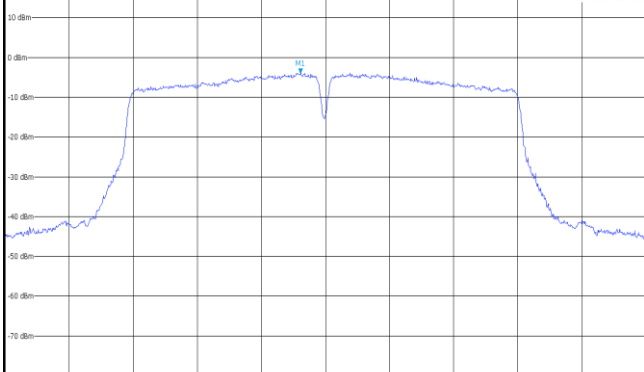
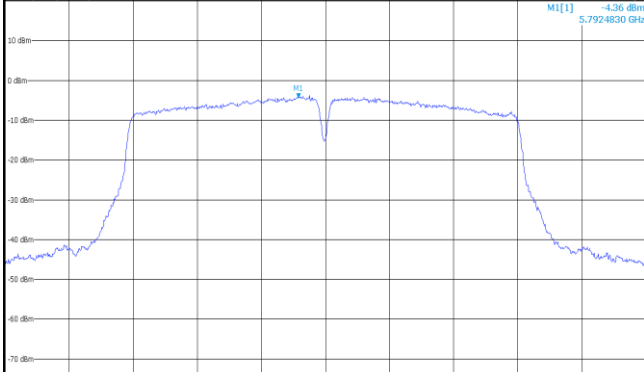
Band I		802.11ac (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep  MI[1] -1.85 dBm 5.1870630 GHz CF 5.19 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 20_JUN 2022 10:24:30		
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep  MI[1] -2.40 dBm 5.2319180 GHz CF 5.23 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 20_JUN 2022 10:26:12		

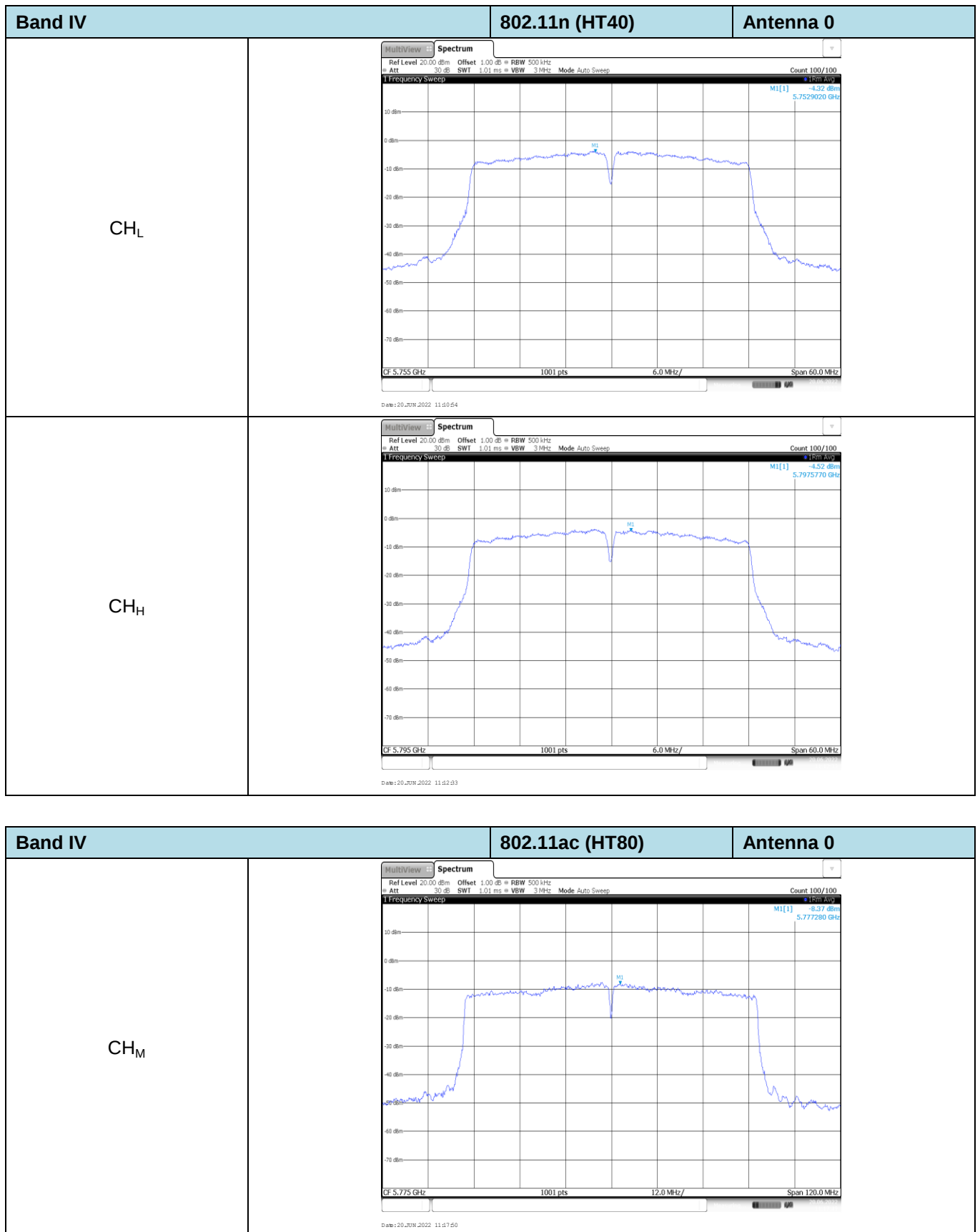


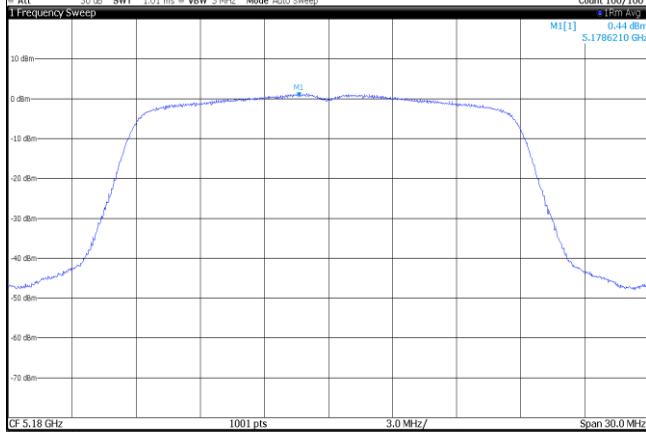
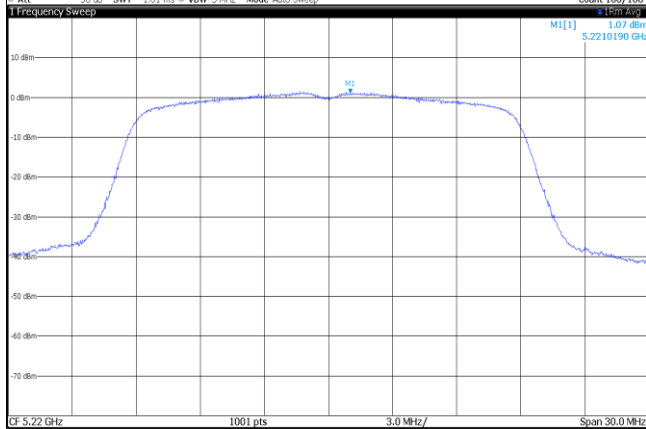
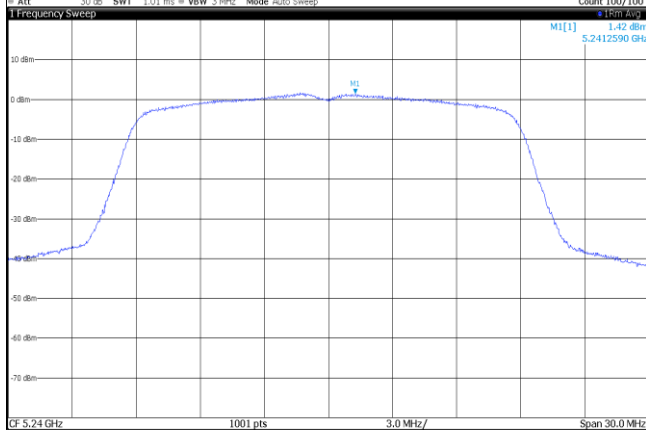


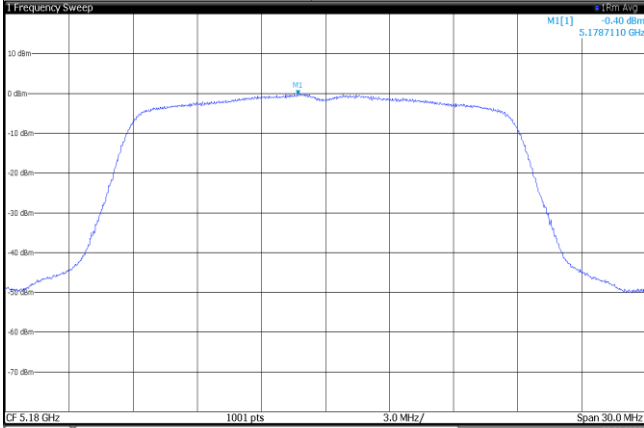
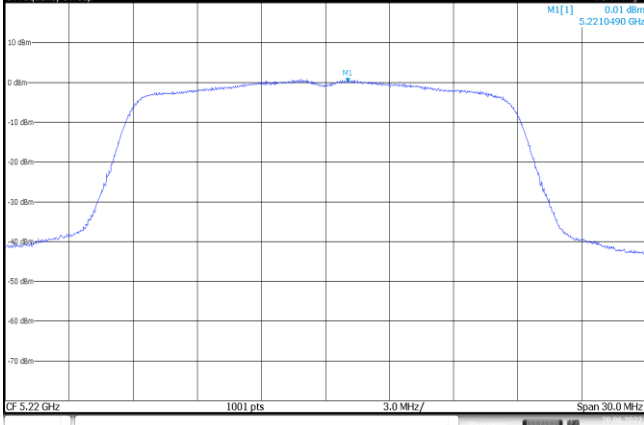
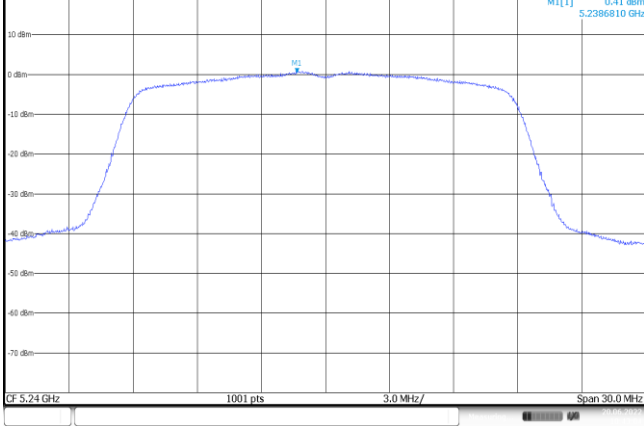




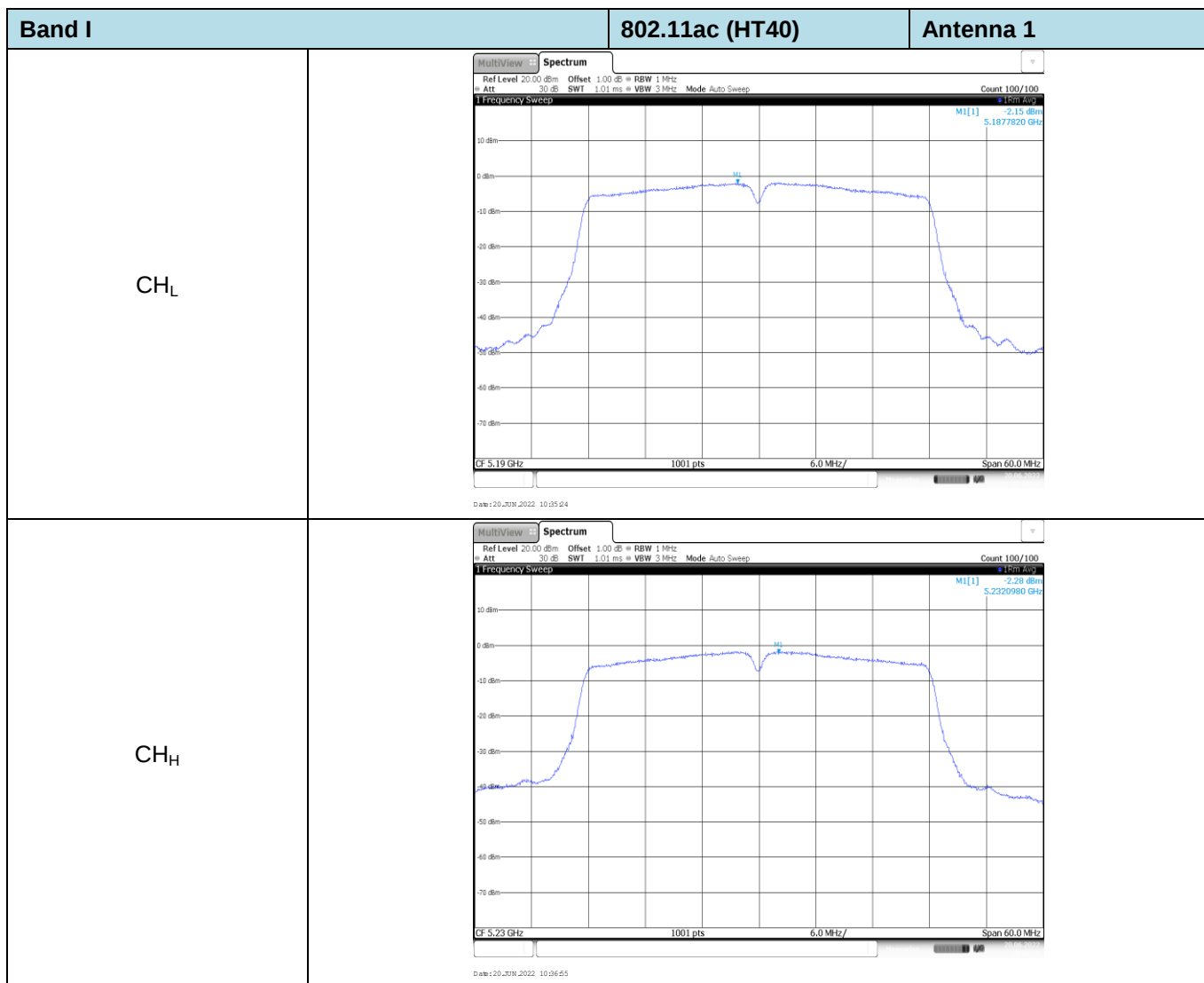
Band IV		802.11ac (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1PM Avg Frequency Sweep MU[1] -3.95 dBm 5.7526620 GHz  CF 5.755 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 20_JUN_2022 11:14:21		
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1PM Avg Frequency Sweep MU[1] -4.36 dBm 5.7924830 GHz  CF 5.795 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 20_JUN_2022 11:16:04		

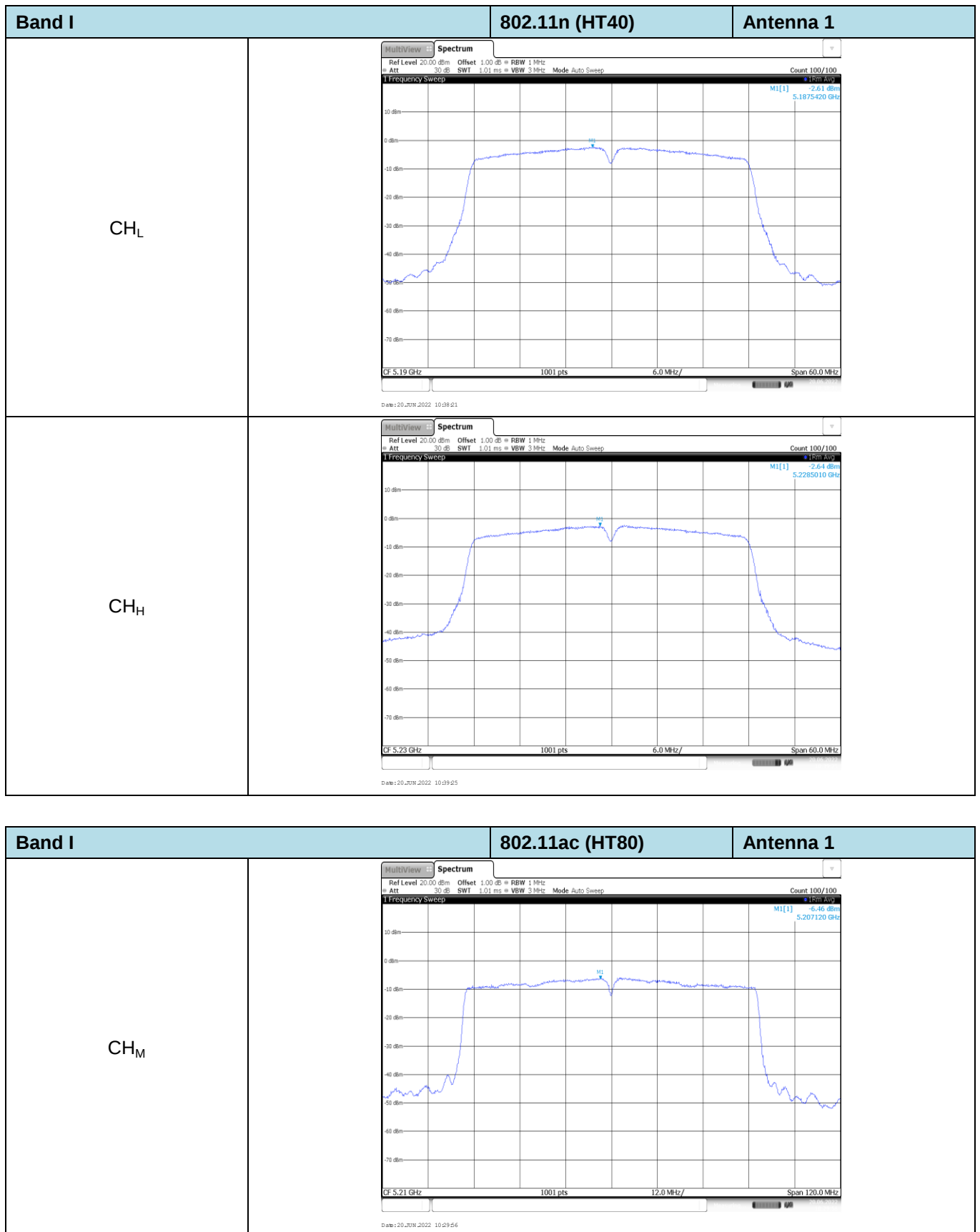


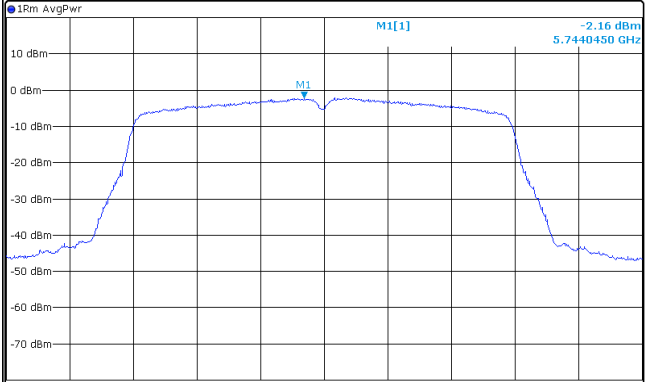
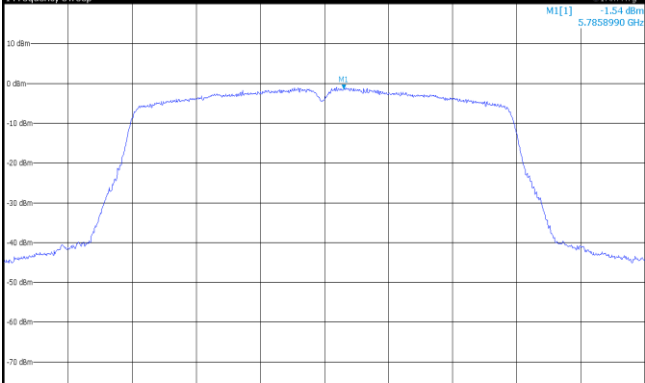
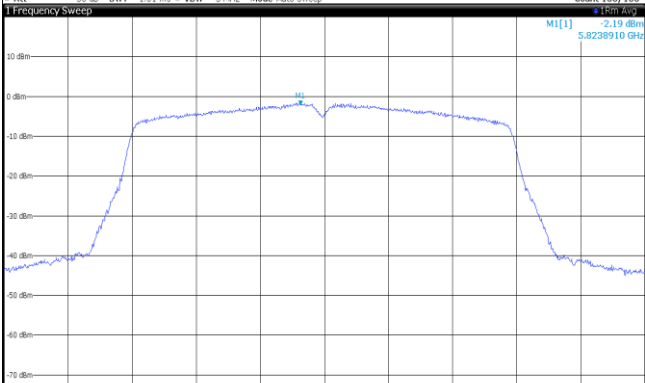
Band I	802.11ac (HT20)	Antenna 1
CH _L	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 1.01 ms VBW 3 kHz Mode Auto Sweep Count 100/100 1 [Rm Avg] MI[1] 0.44 dBm 5.1786210 GHz Frequency Sweep  CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20_10_2022 10:31:02	
CH _M	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 1.01 ms VBW 3 kHz Mode Auto Sweep Count 100/100 1 [Rm Avg] MI[1] 1.07 dBm 5.2210190 GHz Frequency Sweep  CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20_10_2022 10:32:47	
CH _H	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWI 1.01 ms VBW 3 kHz Mode Auto Sweep Count 100/100 1 [Rm Avg] MI[1] 1.42 dBm 5.2412590 GHz Frequency Sweep  CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20_10_2022 10:34:01	

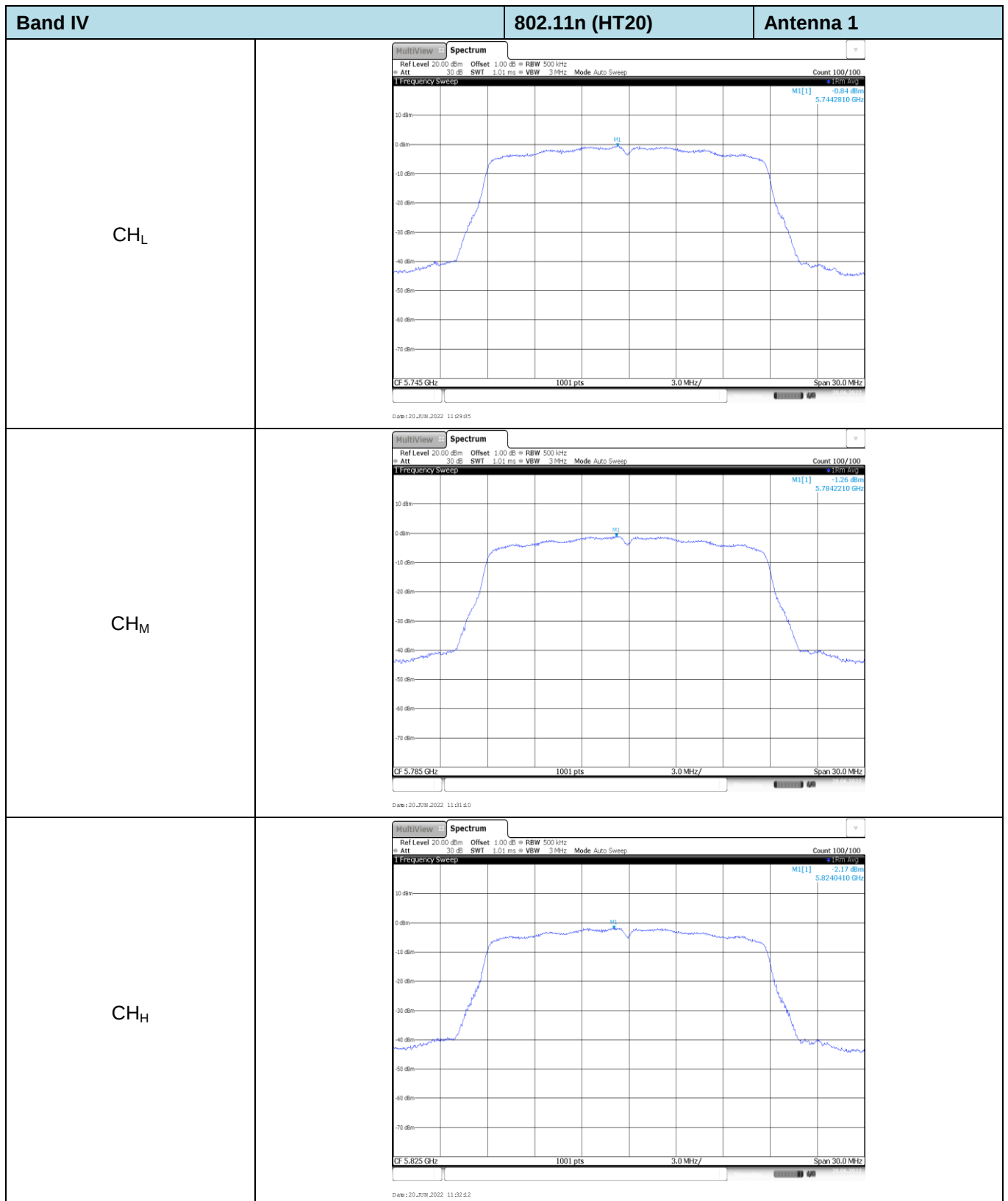
Band I	802.11n (HT20)		Antenna 1
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -0.40 dBm 5.1787110 GHz  CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20_JUN 2022 10:40:53		
CH _M	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] 0.01 dBm 5.2210490 GHz  CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20_JUN 2022 10:41:57		
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] 0.41 dBm 5.2386810 GHz  CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20_JUN 2022 10:43:04		

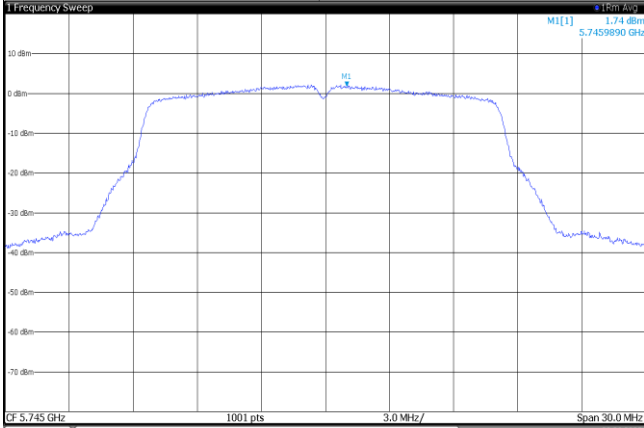
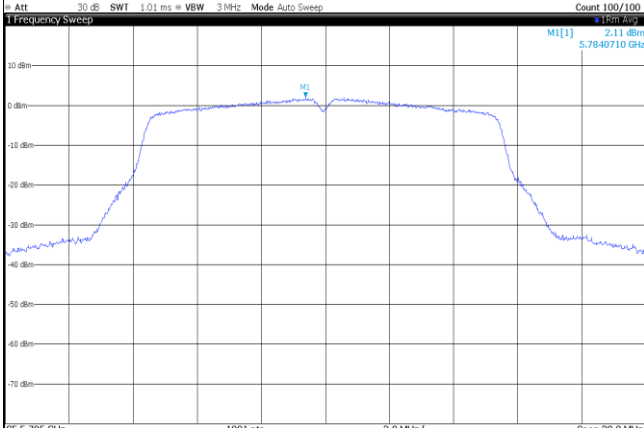
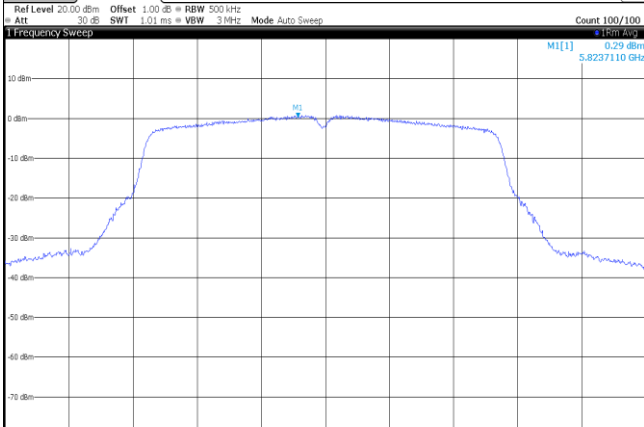
Band I	802.11a	Antenna 1
CH _L		



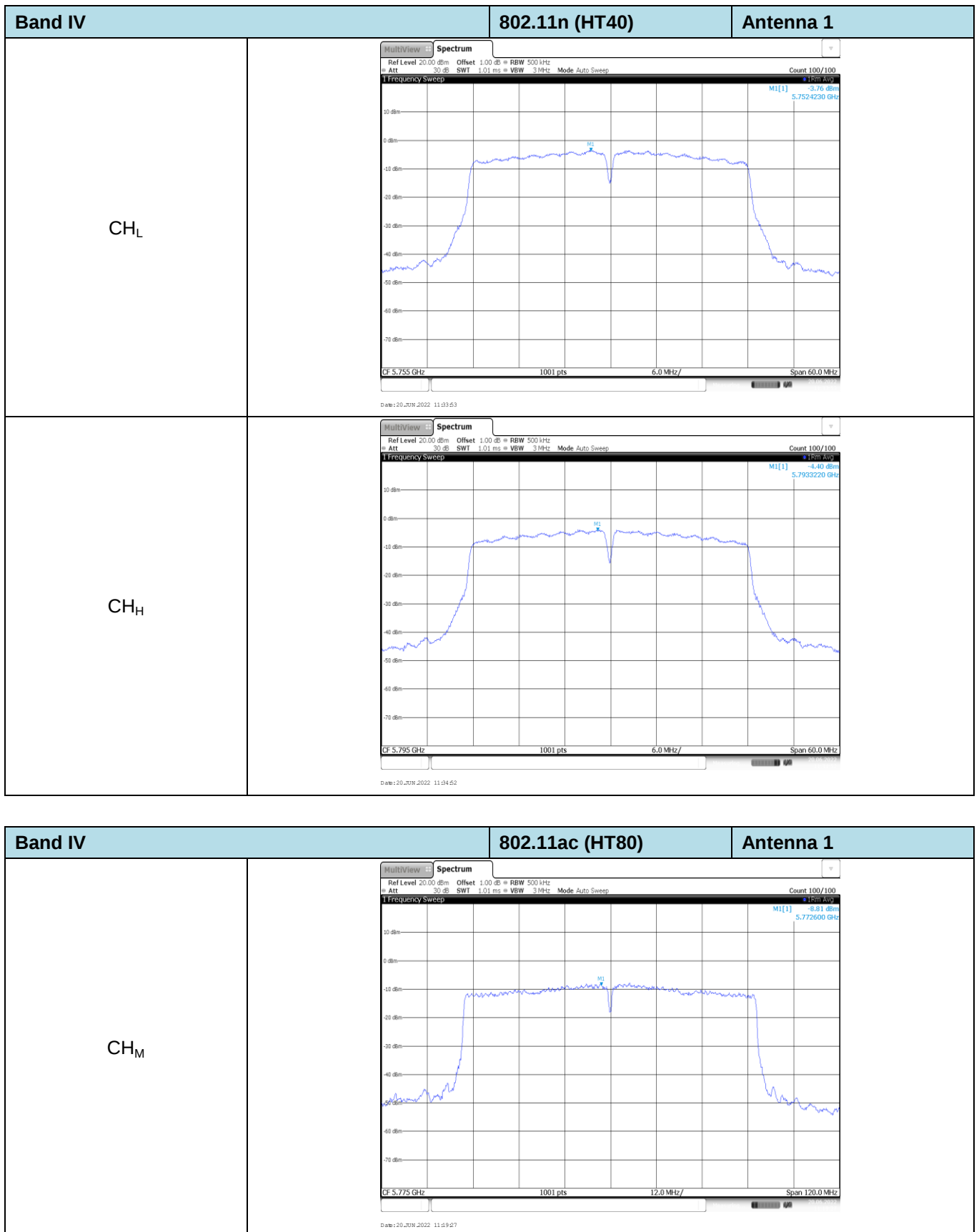


Band IV		802.11ac (HT20)	Antenna 1
CH _L	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1Rm AvgPwr M1[1] -2.16 dBm 5.7440450 GHz  CF 5.745 GHz691 ptsSpan 30.0 MHz Date: 20 JUN 2022 15:29:53		
CH _M	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1Frequency Sweep M1[1] -1.54 dBm 5.7858990 GHz  CF 5.785 GHz1001 pts3.0 MHz/Span 30.0 MHz Date: 20 JUN 2022 11:24:40		
CH _H	Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1Frequency Sweep M1[1] -2.19 dBm 5.8238910 GHz  CF 5.825 GHz1001 pts3.0 MHz/Span 30.0 MHz Date: 20 JUN 2022 11:25:45		



Band IV	802.11a	Antenna 1
CH _L	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.74 dBm 5.7459890 GHz  CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20 JUN 2022 10:50:46	
CH _M	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.11 dBm 5.7840710 GHz  CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20 JUN 2022 10:51:08	
CH _H	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.29 dBm 5.8237110 GHz  CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 20 JUN 2022 10:52:21	

Band IV		802.11ac (HT40)	Antenna 1
CH _L	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm MI[1] -4.07 dBm 5.7524830 GHz MI CF 5.755 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 20 JUN 2022 11:27:08		
CH _H	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 500 kHz Att 30 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm MI[1] -4.38 dBm 5.7968580 GHz MI CF 5.795 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 20 JUN 2022 11:28:08		

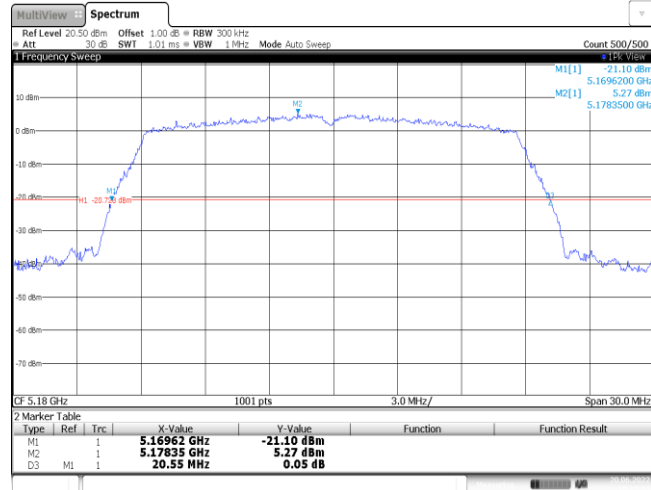
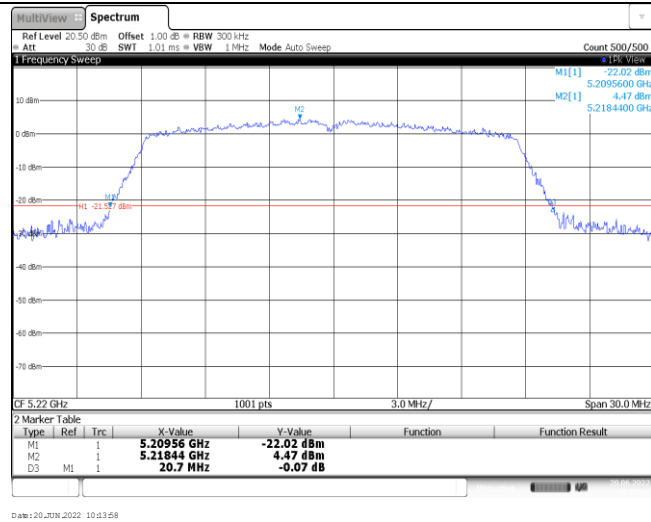
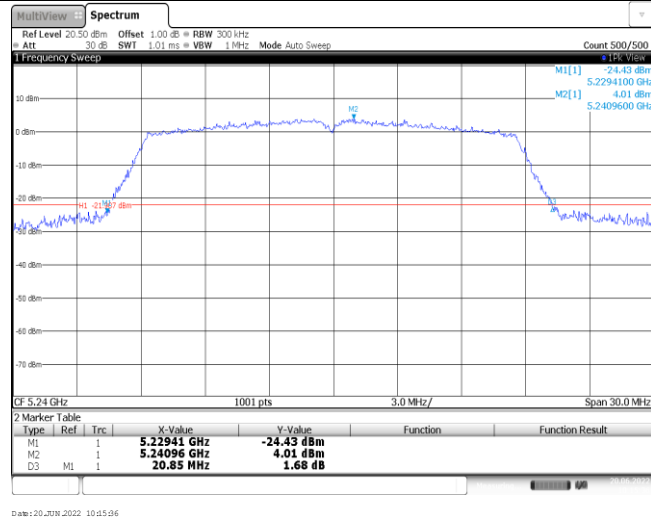


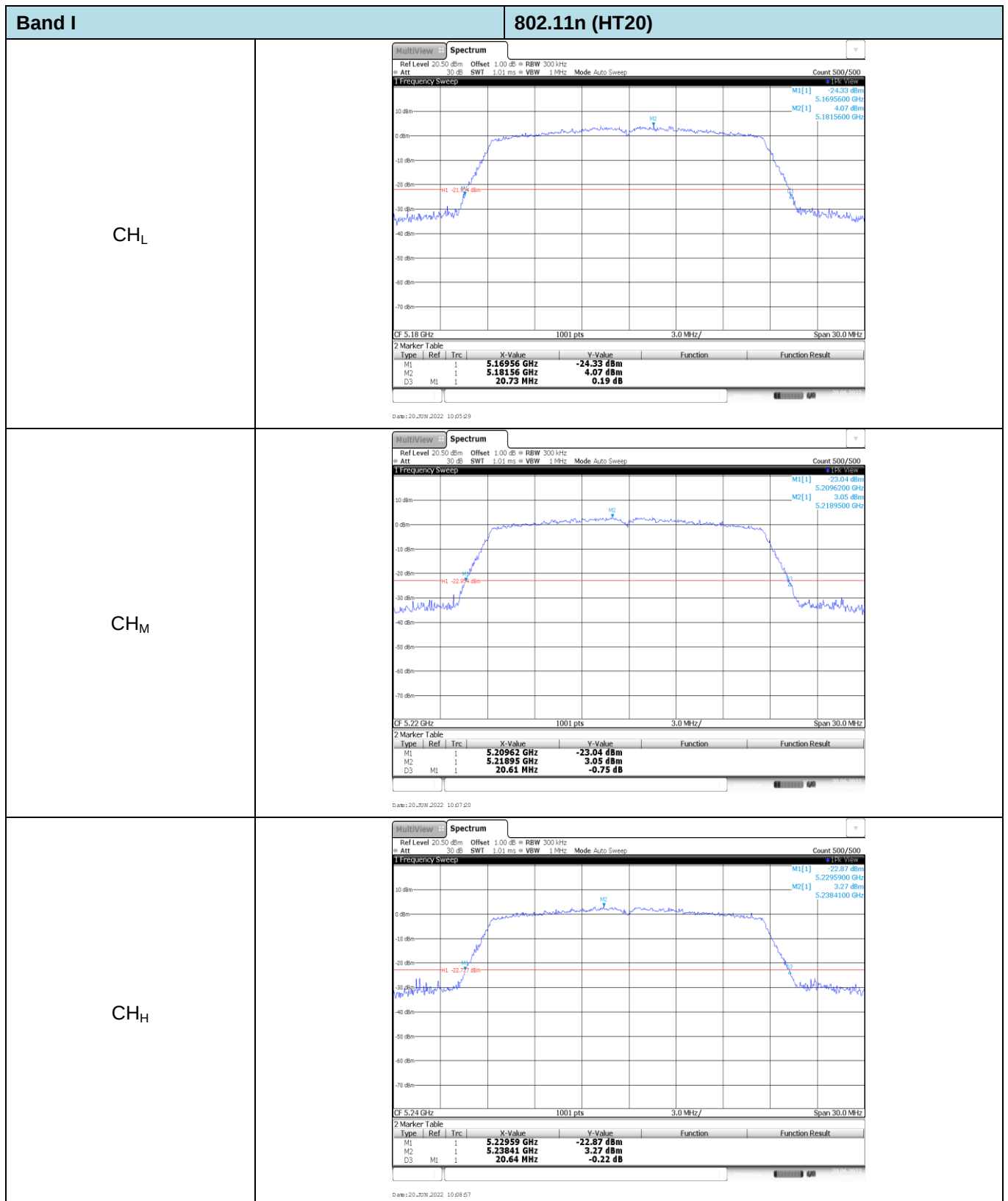
Appendix C: 26dB bandwidth

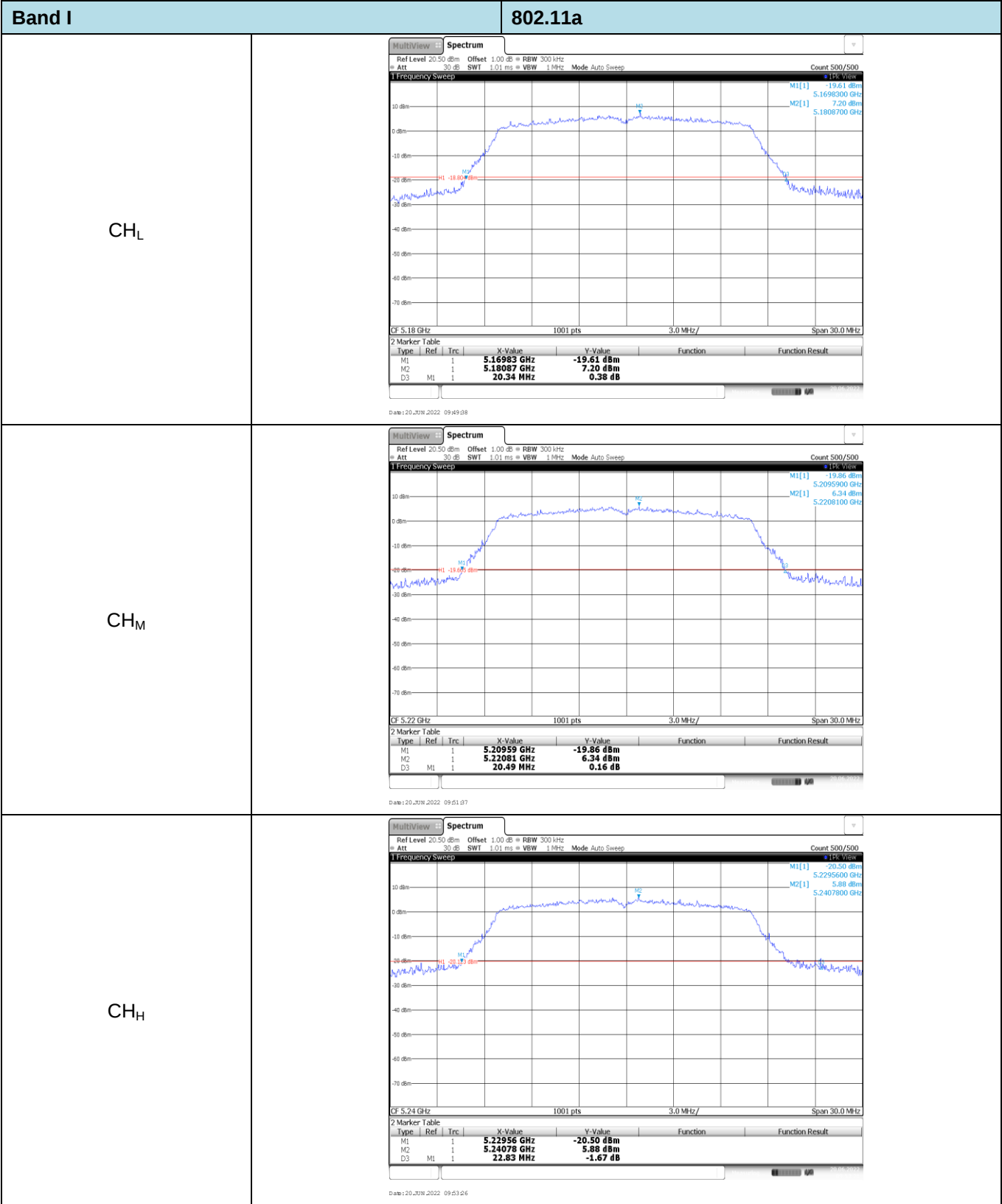
Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
I	20	802.11ac	CH _L	20.55	Pass
			CH _M	20.70	
			CH _H	20.85	
		802.11n	CH _L	20.73	Pass
			CH _M	20.61	
			CH _H	20.64	
		802.11a	CH _L	20.34	Pass
			CH _M	20.49	
			CH _H	22.83	
	40	802.11ac	CH _L	41.10	Pass
			CH _H	41.22	
		802.11n	CH _L	41.04	Pass
			CH _H	41.16	
	80	802.11ac	CH _M	81.12	Pass

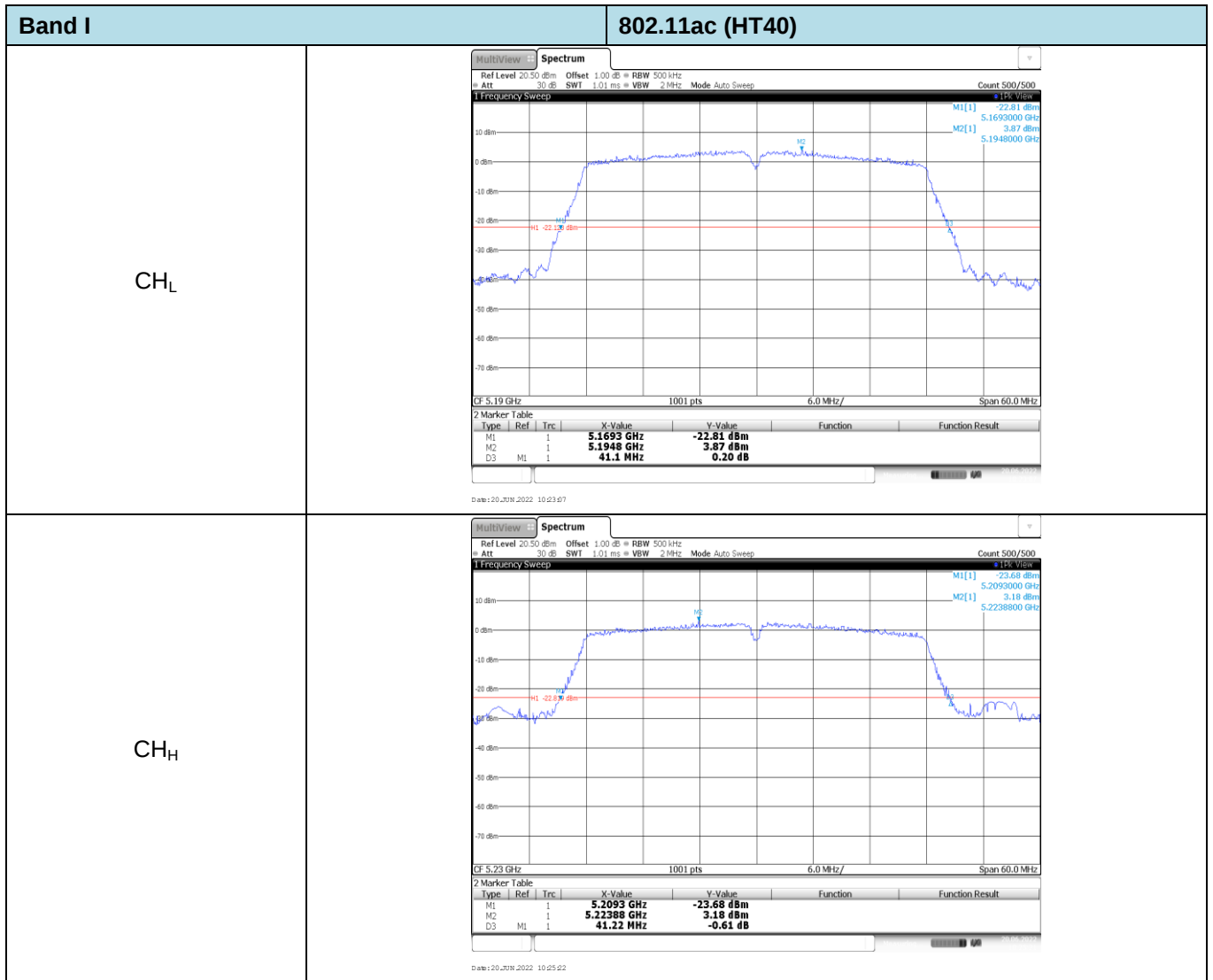
Band I

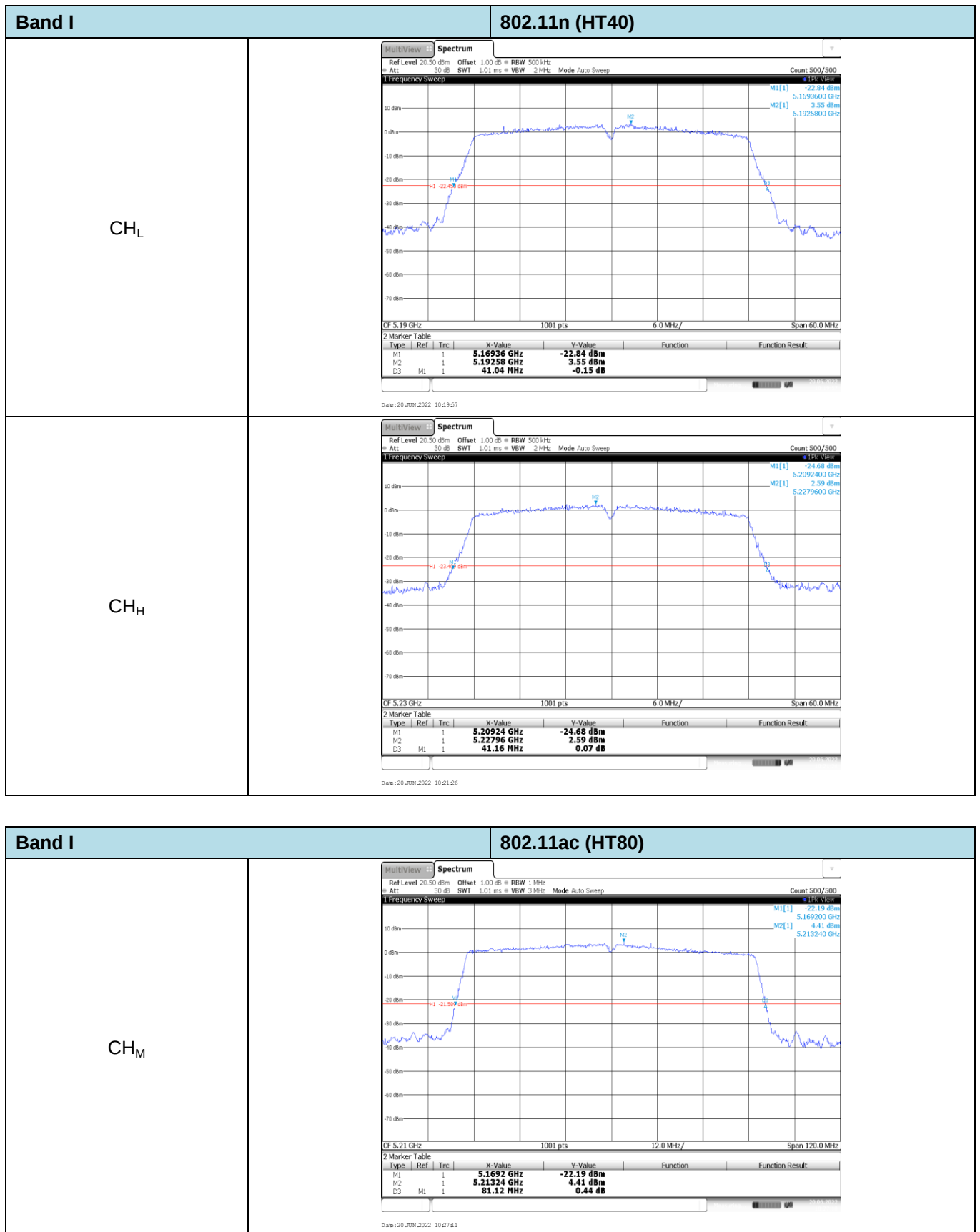
802.11ac (HT20)

CH_LCH_MCH_H









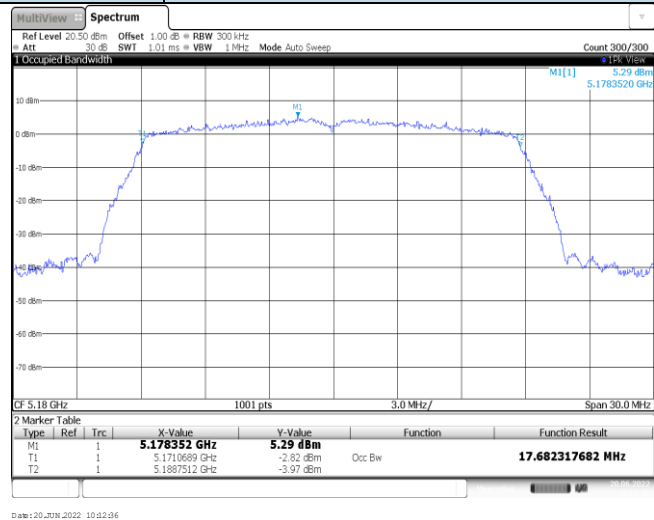
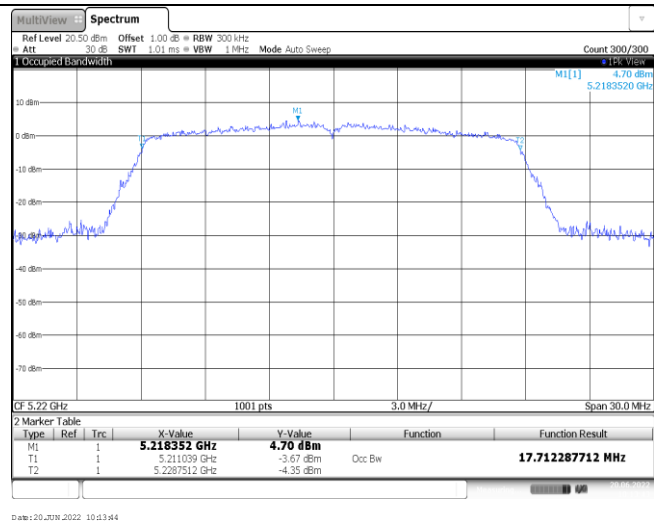
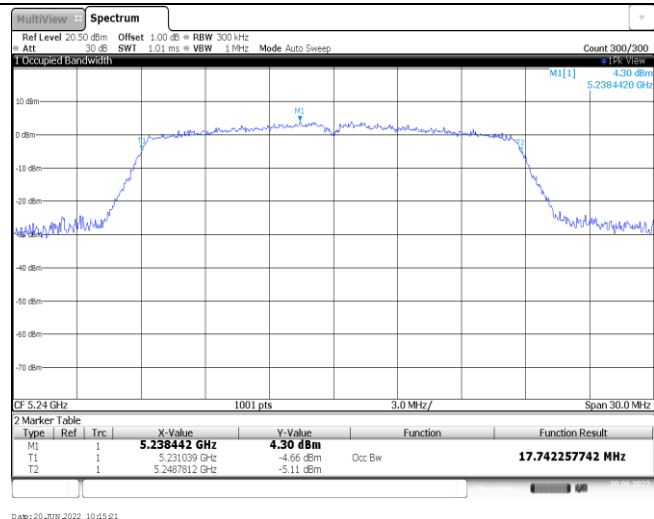
Appendix D: 99% Occupy bandwidth

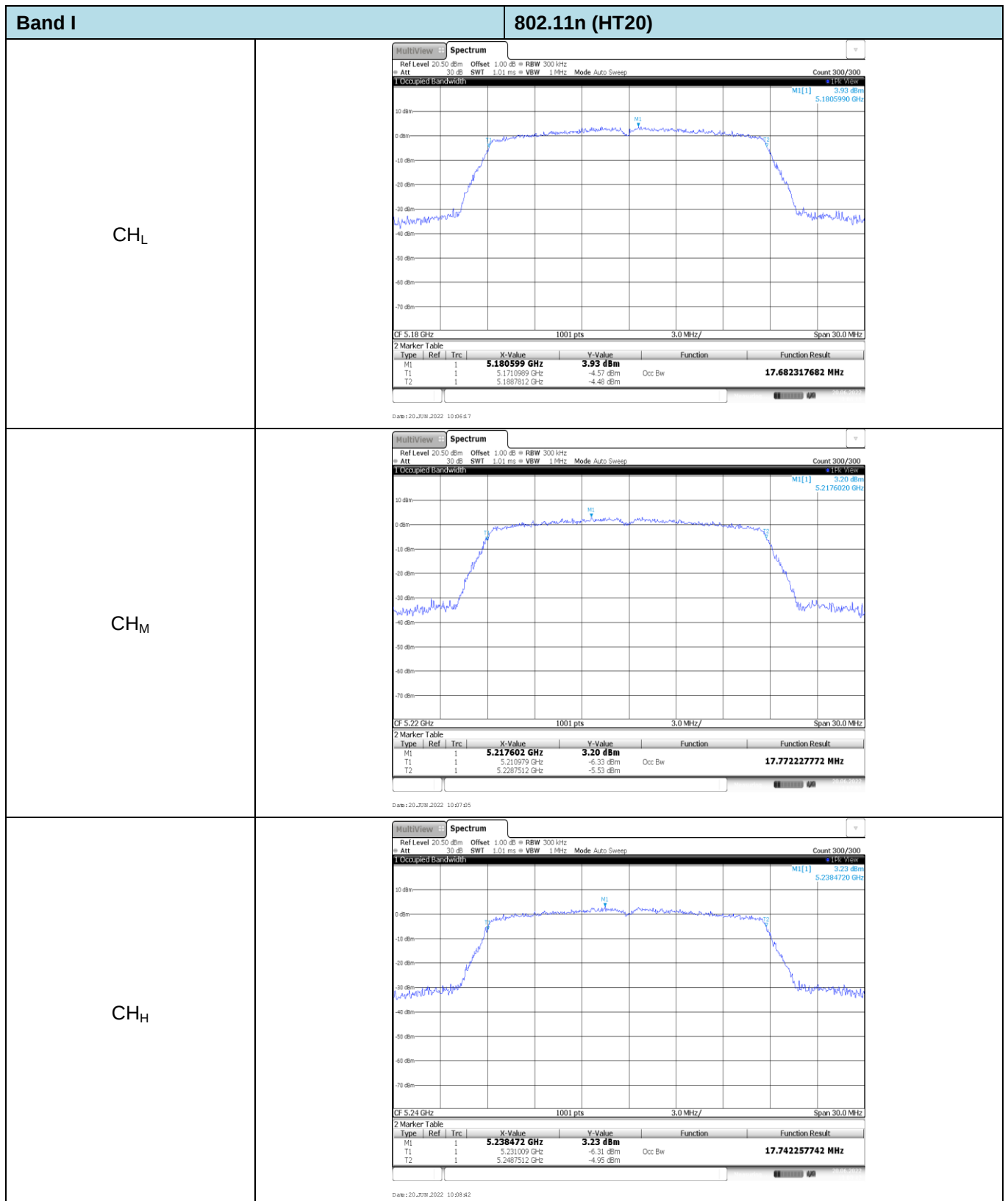
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
I	20	802.11ac	CH _L	17.68	Pass
			CH _M	17.71	
			CH _H	17.74	
		802.11n	CH _L	17.68	Pass
			CH _M	17.77	
			CH _H	17.74	
		802.11a	CH _L	16.72	Pass
			CH _M	16.84	
			CH _H	16.84	
	40	802.11ac	CH _L	36.14	Pass
			CH _H	36.20	
		802.11n	CH _L	36.14	Pass
			CH _H	36.20	
	80	802.11ac	CH _M	75.29	Pass

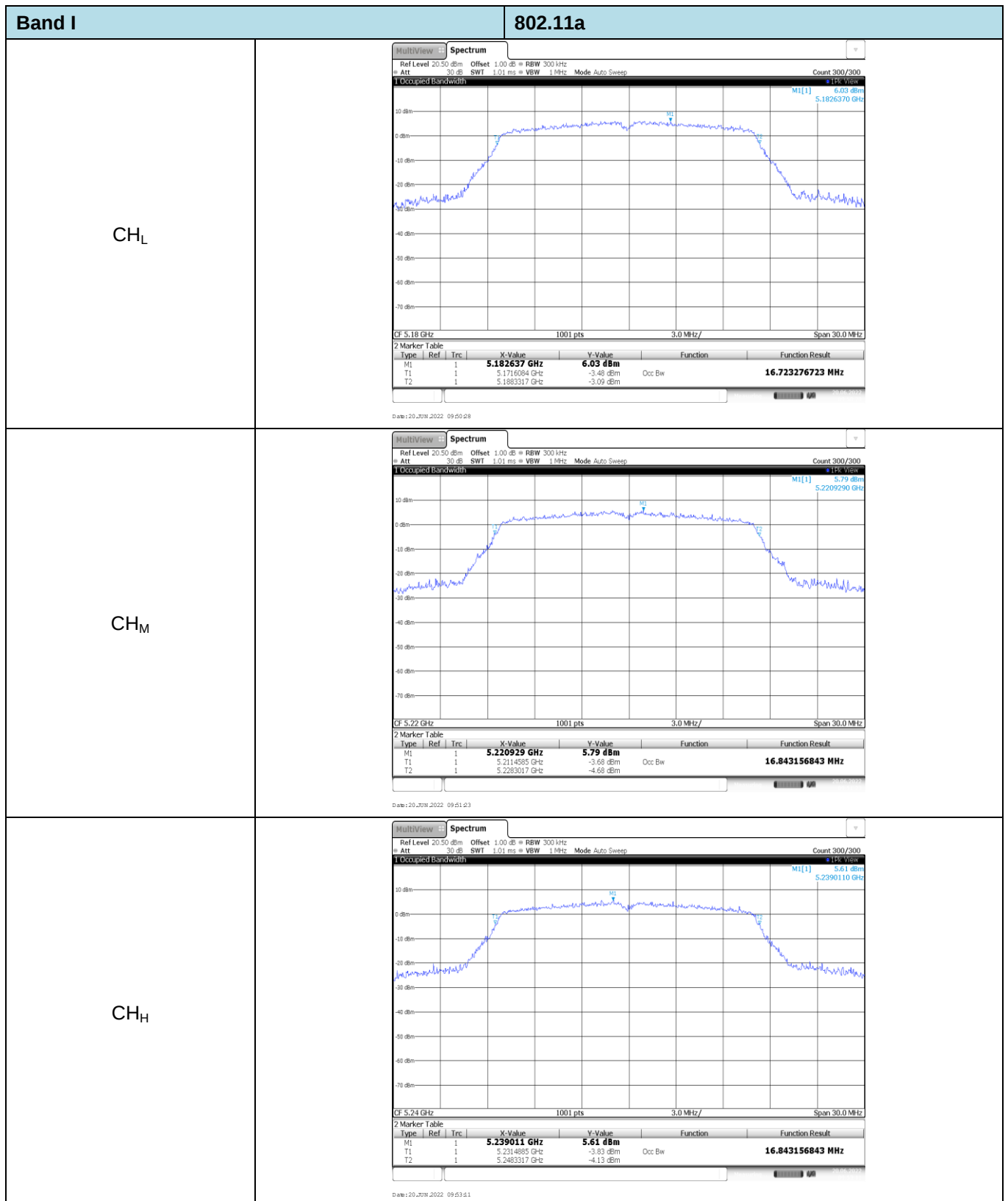
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	17.71	Pass
			CH _M	17.68	
			CH _H	17.71	
		802.11n	CH _L	17.68	Pass
			CH _M	17.74	
			CH _H	17.71	
		802.11a	CH _L	16.81	Pass
			CH _M	16.78	
			CH _H	16.75	
	40	802.11ac	CH _L	36.14	Pass
			CH _H	36.14	
		802.11n	CH _L	36.21	Pass
			CH _H	36.12	
	80	802.11ac	CH _M	75.29	Pass

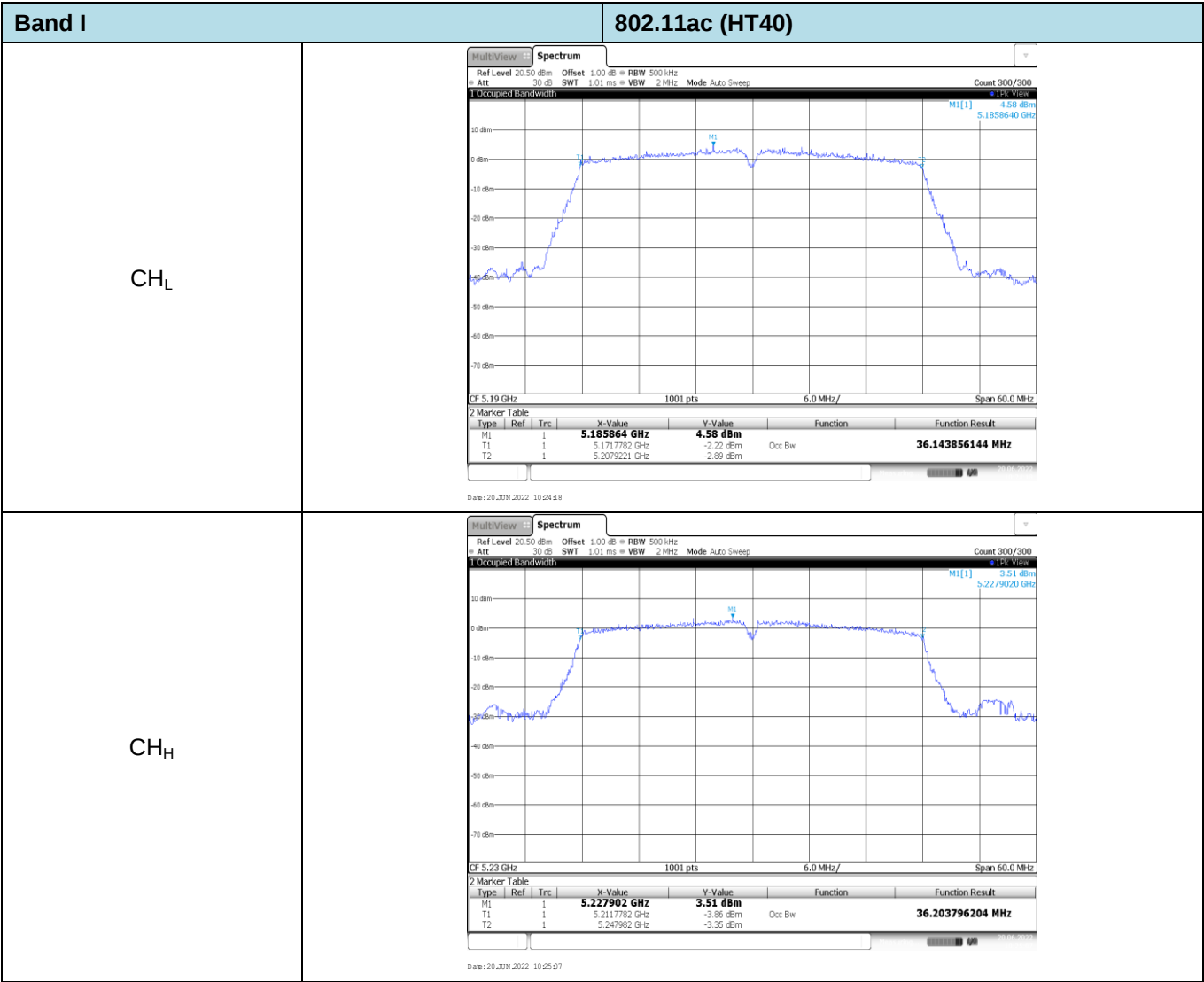
Band I

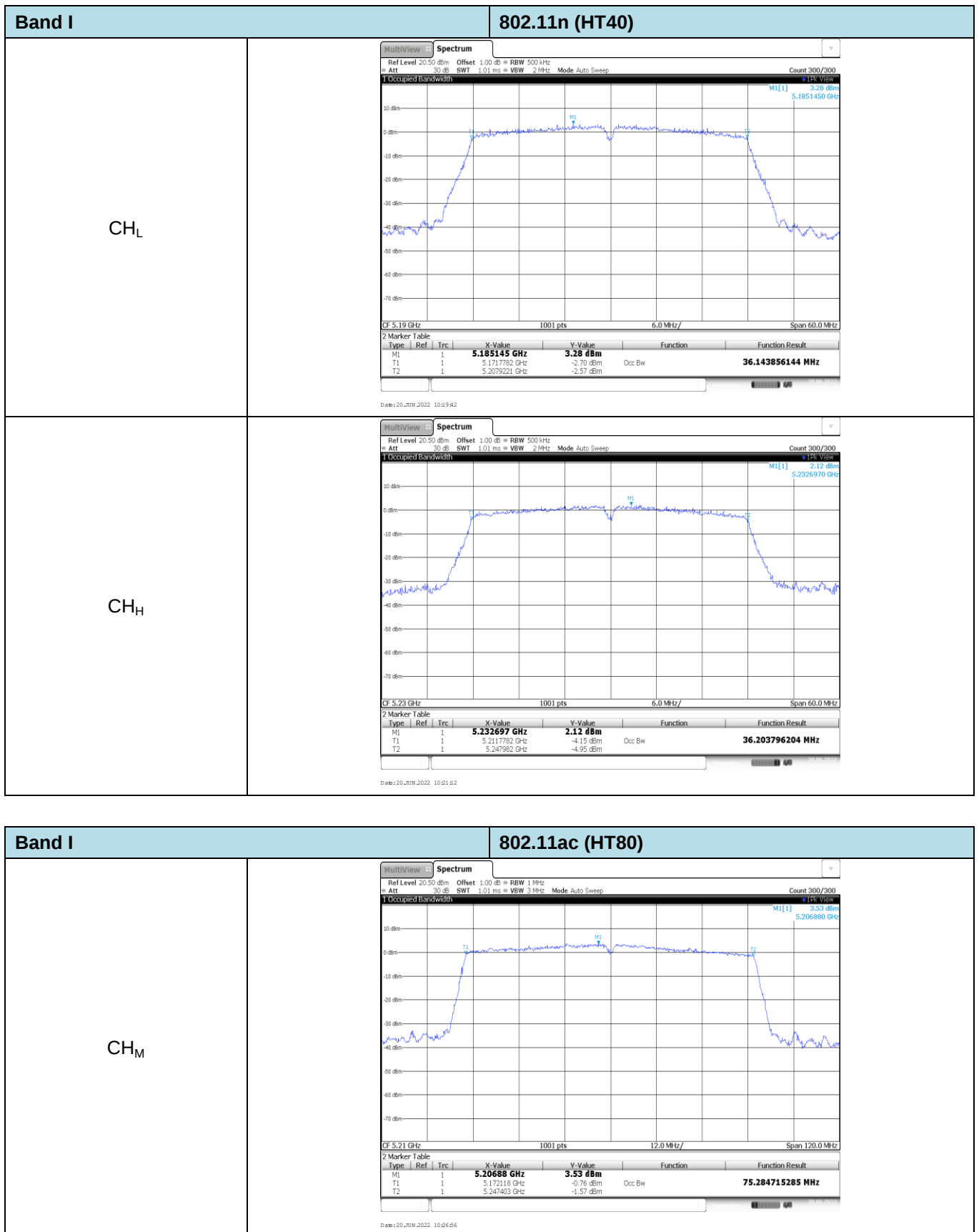
802.11ac (HT20)

CH_LCH_MCH_H



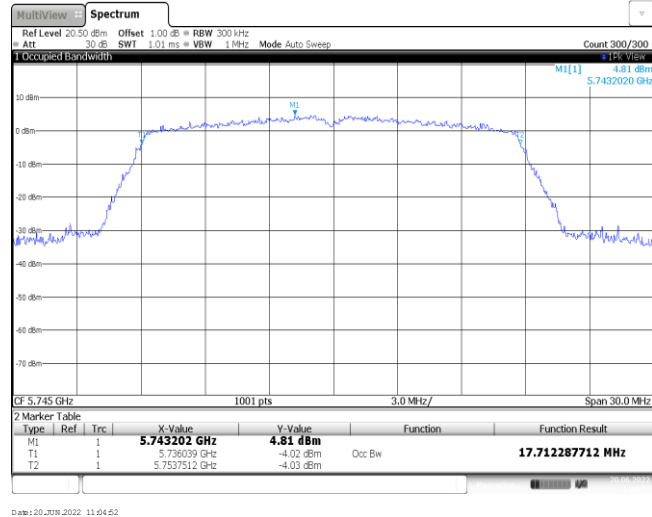
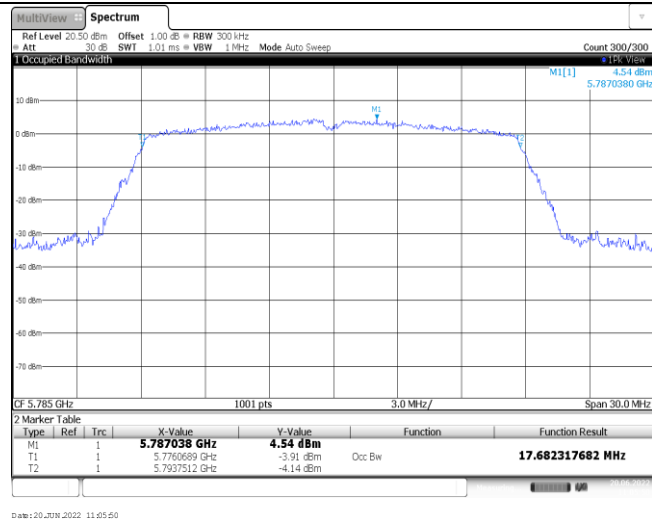
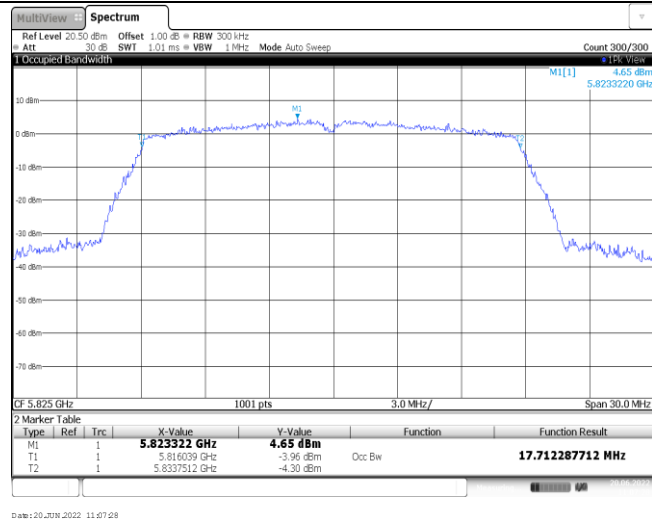






Band IV

802.11ac (HT20)

CH_LCH_MCH_H

Band IV

802.11n (HT20)

CH_L

MultiView Spectrum

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

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.747068 GHz	5.08 dBm		
T1	1		5.736069 GHz	-3.97 dBm	Occ BW	17.682317682 MHz
T2	1		5.7537512 GHz	-3.05 dBm		

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CH_M

MultiView Spectrum

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

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.785929 GHz	5.15 dBm		
T1	1		5.776039 GHz	-3.37 dBm	Occ BW	17.742257742 MHz
T2	1		5.7937812 GHz	-4.05 dBm		

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CH_H

MultiView Spectrum

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

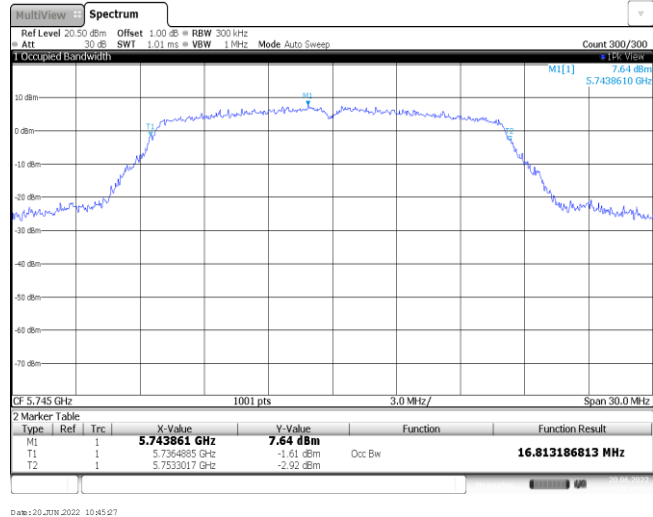
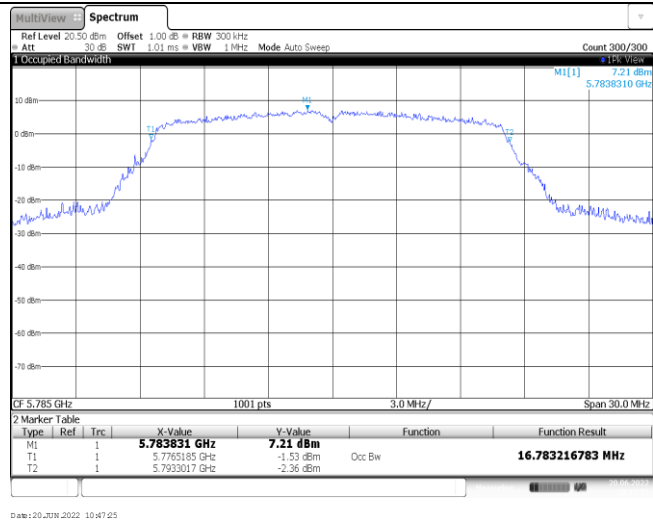
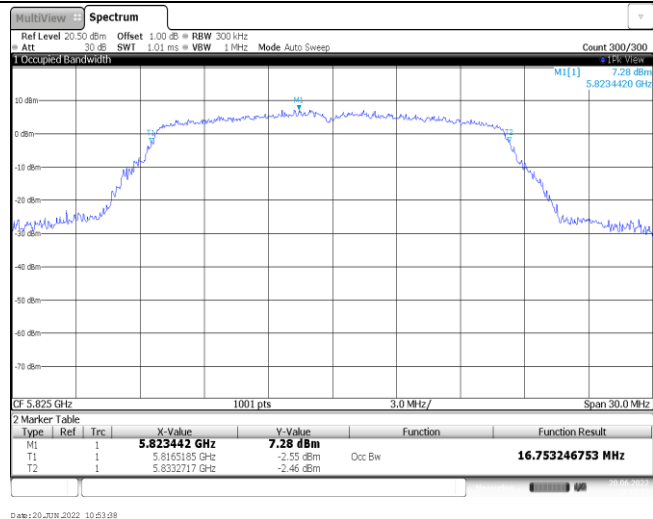
CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz

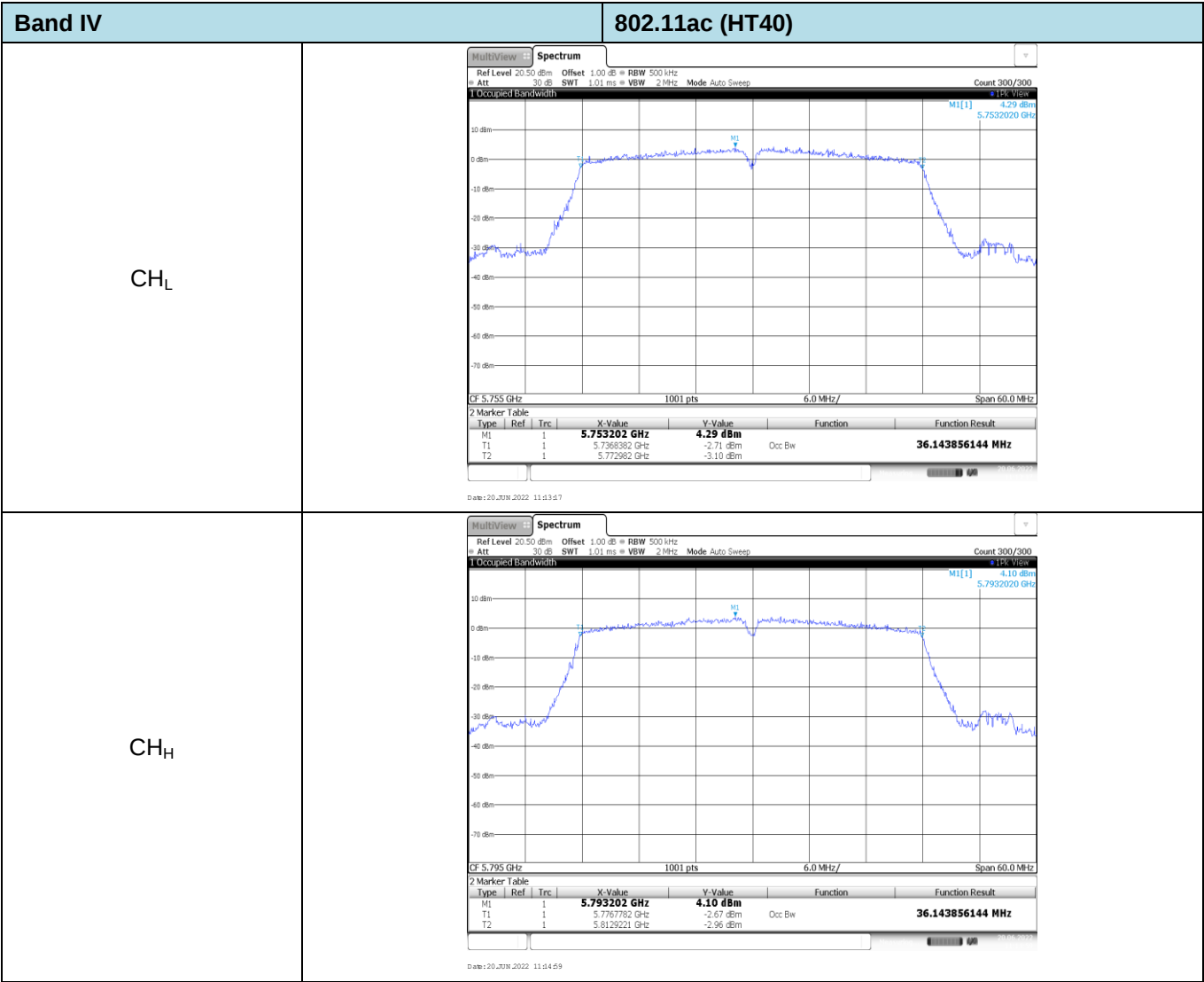
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		5.823262 GHz	4.79 dBm		
T1	1		5.816009 GHz	-4.89 dBm	Occ BW	17.712287712 MHz
T2	1		5.8337213 GHz	-3.37 dBm		

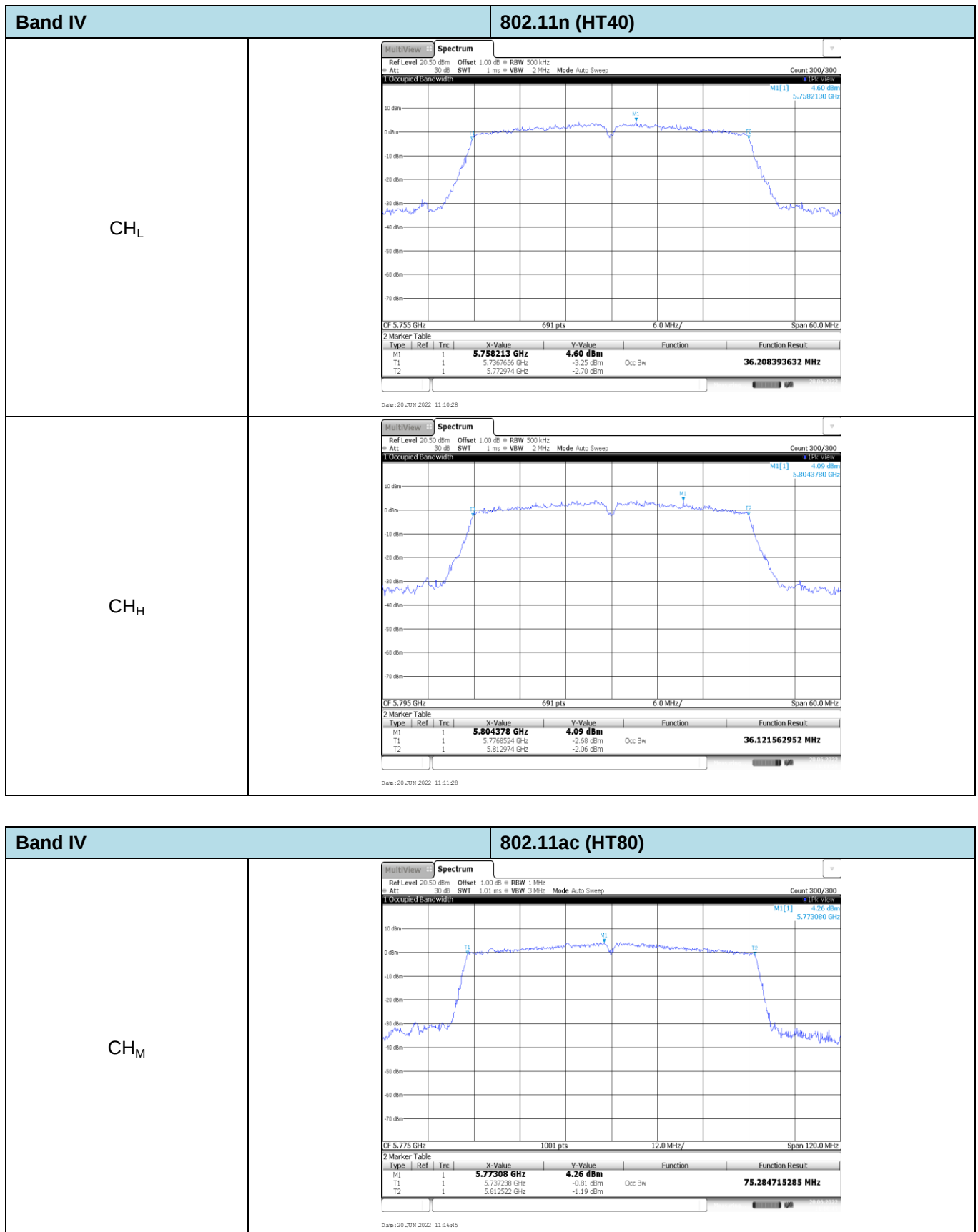
Date: 20 JUN 2022 11:02:08

Band IV

802.11a

CH_LCH_MCH_H



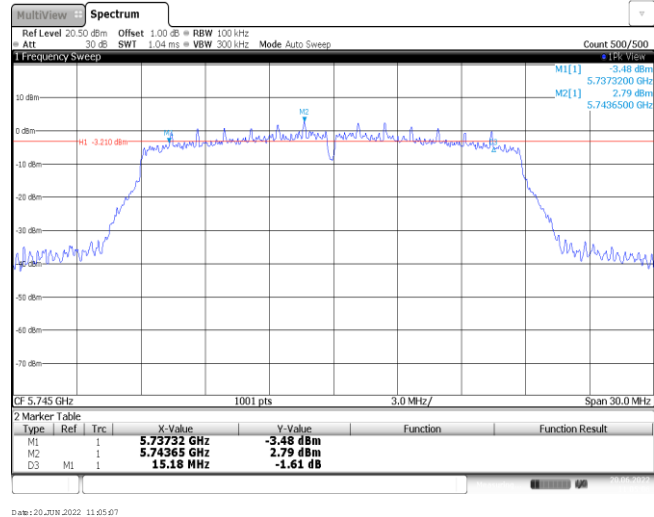
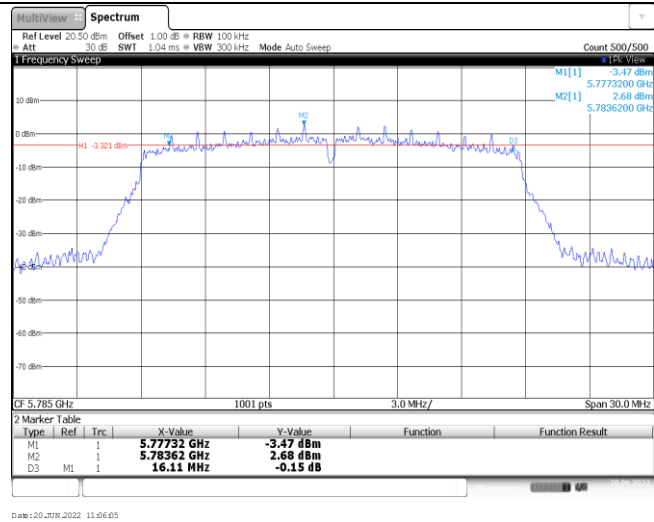
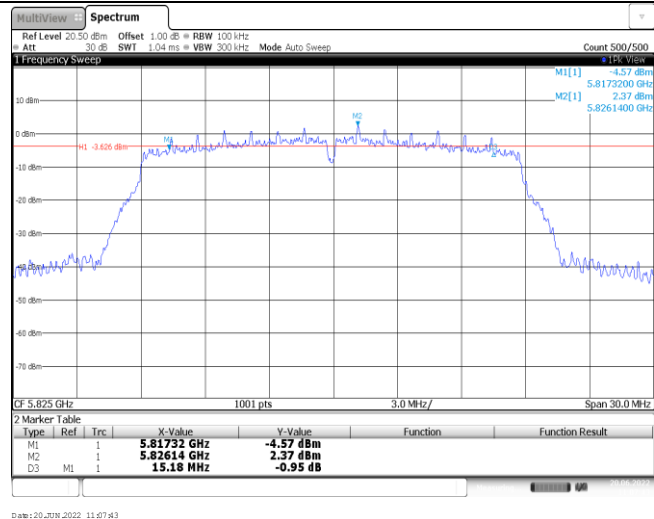


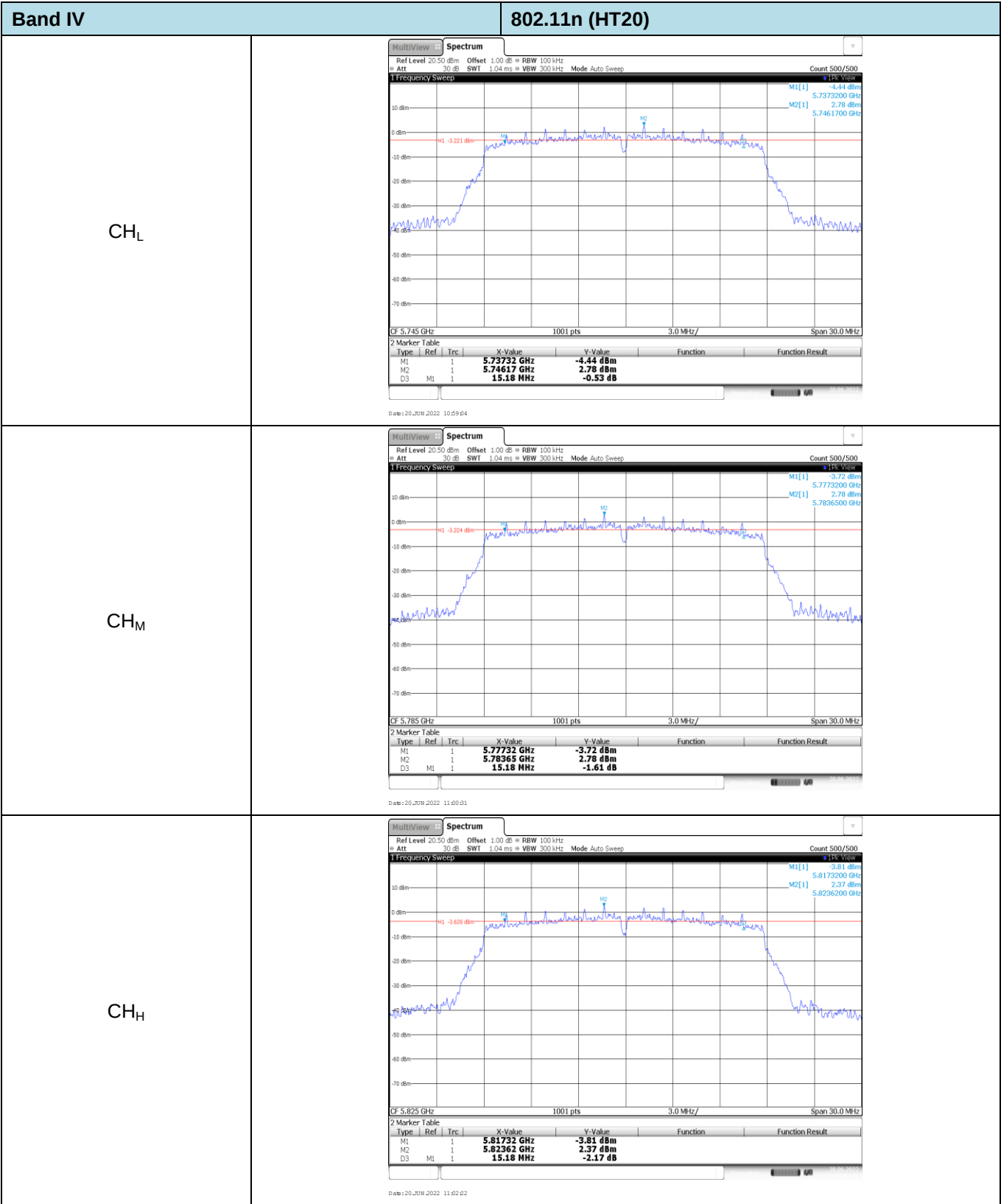
Appendix E: 6dB Bandwidth

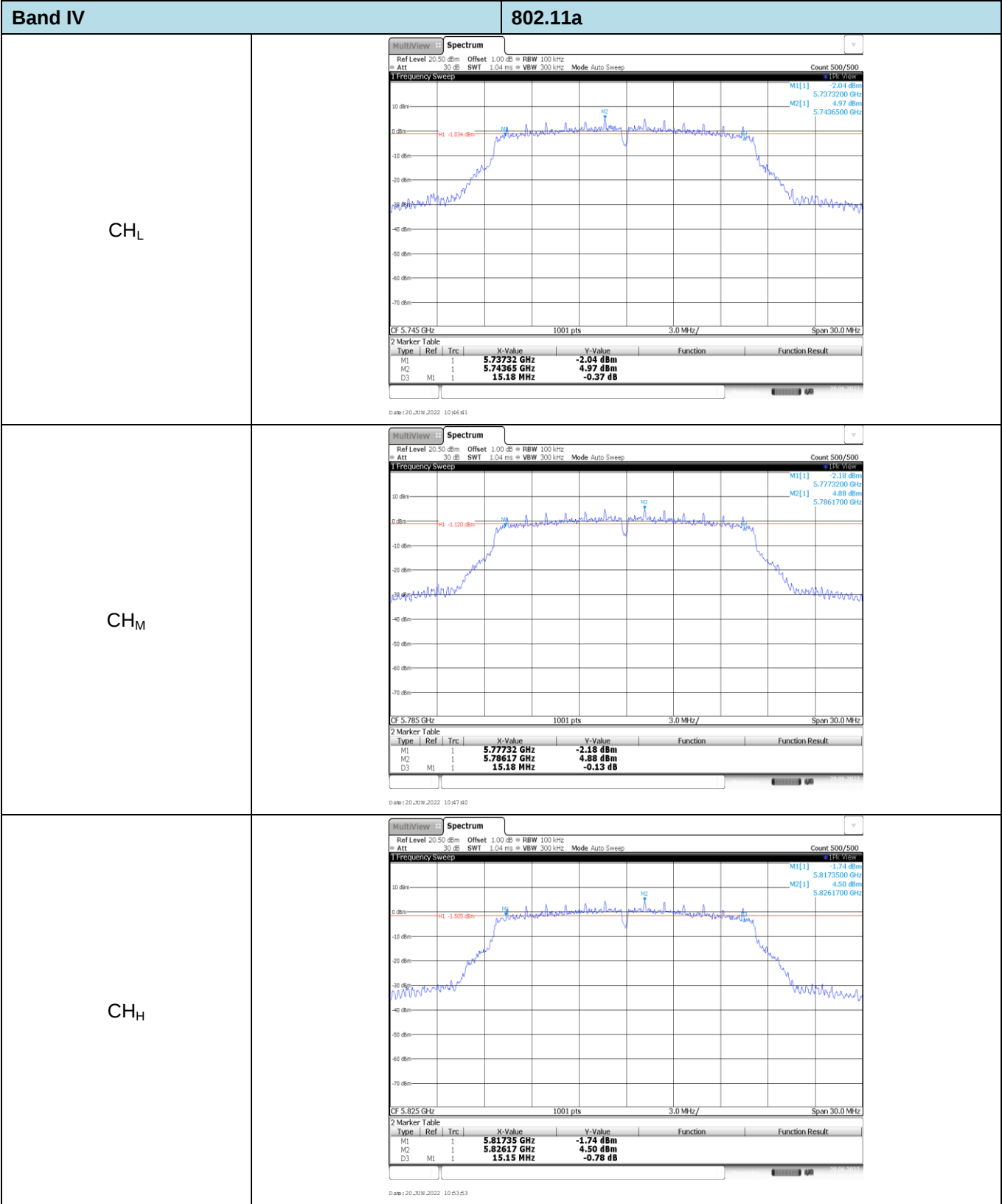
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH _L	15.18	Pass
			CH _M	16.11	
			CH _H	15.18	
		802.11n	CH _L	15.18	Pass
			CH _M	15.18	
			CH _H	15.18	
		802.11a	CH _L	15.18	Pass
			CH _M	15.18	
			CH _H	15.15	
	40	802.11ac	CH _L	35.22	Pass
			CH _H	35.22	
		802.11n	CH _L	35.30	Pass
			CH _H	35.30	
	80	802.11ac	CH _M	75.36	Pass

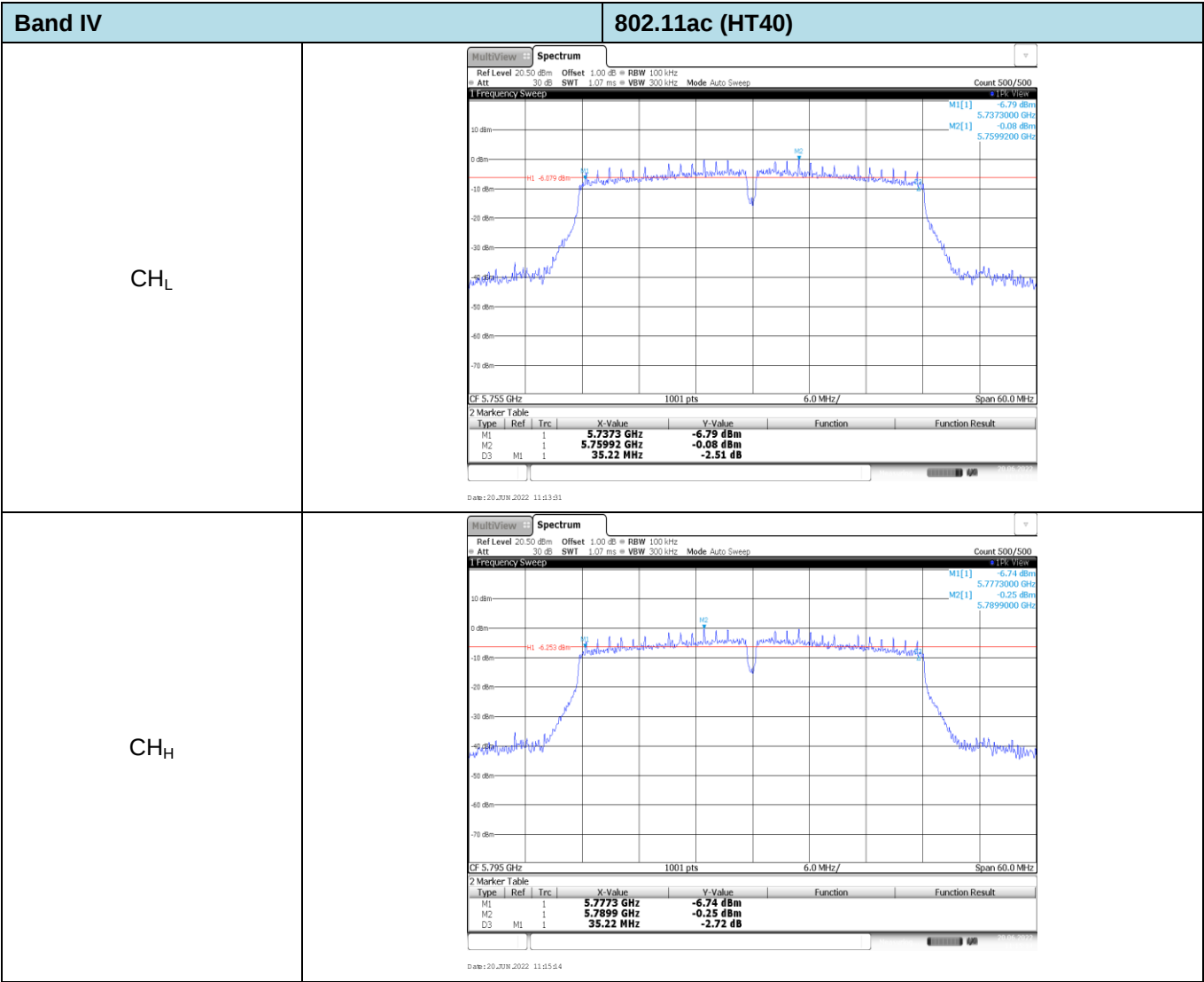
Band IV

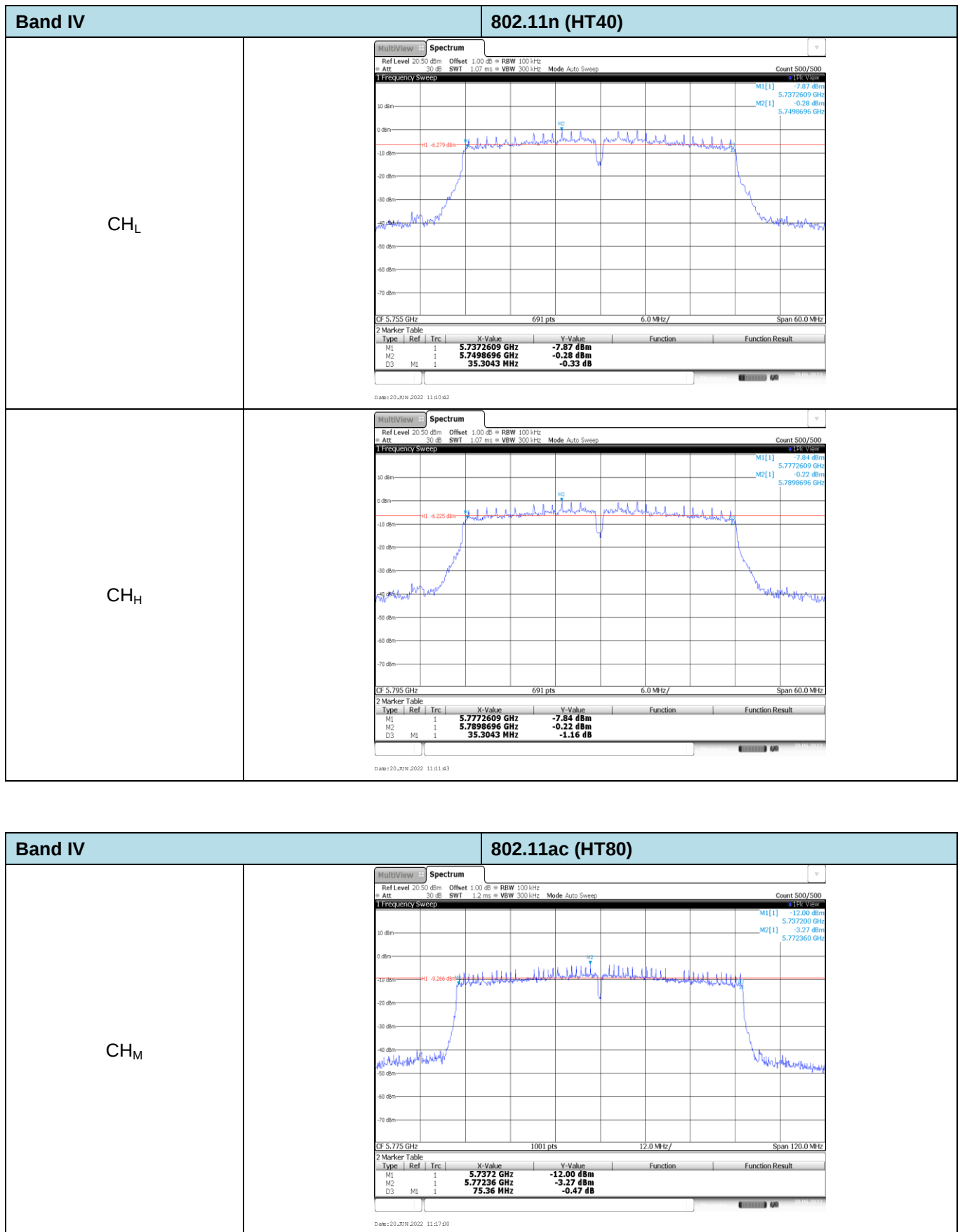
802.11ac (HT20)

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	-45000	-15000	-8.687	-2.895	PASS
T_N	V_N	-45000	-15000	-8.687	-2.895	PASS
T_N	V_H	-45000	-15000	-8.687	-2.895	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	-33000	-30000	-5.744	-5.222	PASS
T_N	V_N	-33000	-30000	-5.744	-5.222	PASS
T_N	V_H	-33000	-30000	-5.744	-5.222	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	-45000	-15000	-8.687	-2.895	PASS
V _N	-10	-45000	-15000	-8.687	-2.895	PASS
V _N	0	-45000	-15000	-8.687	-2.895	PASS
V _N	10	-45000	-23000	-8.687	-4.440	PASS
V _N	20	-45000	-23000	-8.687	-4.440	PASS
V _N	30	-50000	-23000	-9.363	-4.440	PASS
V _N	40	-50000	-23000	-9.653	-4.440	PASS
V _N	50	-50000	-23000	-9.653	-4.440	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	-33000	-30000	-5.744	-5.222	PASS
V _N	-10	-33000	-30000	-5.744	-5.222	PASS
V _N	0	-33000	-30000	-5.744	-5.222	PASS
V _N	10	-33000	-45000	-5.744	-7.833	PASS
V _N	20	-33000	-45000	-5.744	-7.833	PASS
V _N	30	-41000	-45000	-7.136	-7.833	PASS
V _N	40	-41000	-45000	-7.136	-7.833	PASS
V _N	50	-41000	-50000	-7.136	-8.703	PASS

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