

APPENDIX REPORT

Project No.	SHT2108044901EW	Radio Specification	WIFI 5G
Test sample No.	YPHT20180449003	Model No.	EyeOn-10NE
Start test date	2021-09-12	Finish date	2021-09-13
Temperature	25.8℃	Humidity	38%
Test Engineer	Hailey Chen	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)	Limit (dBm)	Result
I	20	802.11ac	CH _L	12.57	97.21	0.12	12.69	24.00	Pass
			CH _M	12.92	97.12	0.13	13.05		
			CH _H	13.11	97.21	0.12	13.23		
		802.11n	CH _L	12.58	97.18	0.12	12.70	24.00	Pass
			CH _M	12.67	97.09	0.13	12.80		
			CH _H	13.57	97.18	0.12	13.69		
		802.11a	CH _L	12.63	97.28	0.12	12.75	24.00	Pass
			CH _M	12.97	97.28	0.12	13.09		
			CH _H	13.78	97.36	0.12	13.90		
	40	802.11ac	CH _L	12.78	94.60	0.24	13.02	24.00	Pass
			CH _H	12.95	94.69	0.24	13.19		
		802.11n	CH _L	11.05	94.57	0.24	11.29	24.00	Pass
			CH _H	12.30	94.65	0.24	12.54		
	80	802.11ac	CH _M	10.65	89.84	0.47	11.12	24.00	Pass
II	20	802.11ac	CH _L	12.99	97.21	0.12	13.11	24.00	Pass
			CH _M	13.41	97.21	0.12	13.53		
			CH _H	13.27	97.21	0.12	13.39		
		802.11n	CH _L	12.92	97.09	0.13	13.05	24.00	Pass
			CH _M	13.43	97.09	0.13	13.56		
			CH _H	13.22	97.09	0.13	13.35		
		802.11a	CH _L	13.76	97.36	0.12	13.88	24.00	Pass
			CH _M	13.14	97.36	0.12	13.26		
			CH _H	13.44	97.36	0.12	13.56		
	40	802.11ac	CH _L	12.40	94.60	0.24	12.64	24.00	Pass
			CH _H	11.67	94.68	0.24	11.91		
		802.11n	CH _L	12.36	94.65	0.24	12.60	24.00	Pass
			CH _H	12.22	94.65	0.24	12.46		
	80	802.11ac	CH _M	11.37	89.82	0.47	11.84	24.00	Pass

Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)	Duty cycle (%)	Duty cycle factor (dB)	Conducted Output Power (dBm)	Limit (dBm)	Result
III	20	802.11ac	CH _L	11.40	97.11	0.13	11.53	24.00	Pass
			CH _M	10.24	97.12	0.13	10.37		
			CH _H	10.83	97.12	0.13	10.96		
		802.11n	CH _L	11.39	97.18	0.12	11.51	24.00	Pass
			CH _M	10.24	97.18	0.12	10.36		
			CH _H	9.86	97.09	0.13	9.99		
		802.11a	CH _L	12.51	97.28	0.12	12.63	24.00	Pass
			CH _M	10.89	97.36	0.12	11.01		
			CH _H	11.40	97.36	0.12	11.52		
	40	802.11ac	CH _L	10.63	94.69	0.24	10.87	24.00	Pass
			CH _M	10.42	94.68	0.24	10.66		
			CH _H	10.27	94.60	0.24	10.51		
		802.11n	CH _L	11.14	94.65	0.24	11.38	24.00	Pass
			CH _M	10.44	94.65	0.24	10.68		
	80	802.11ac	CH _L	9.16	89.84	0.47	9.63	24.00	Pass
			CH _M	8.11	89.84	0.47	8.58		
			CH _H	8.28	89.67	0.47	8.75		
IV	20	802.11ac	CH _L	10.78	97.12	0.13	10.91	30.00	Pass
			CH _M	10.73	97.21	0.12	10.85		
			CH _H	10.95	97.21	0.12	11.07		
		802.11n	CH _L	10.76	97.18	0.12	10.88	30.00	Pass
			CH _M	10.68	97.09	0.13	10.81		
			CH _H	10.94	97.09	0.13	11.07		
		802.11a	CH _L	10.93	97.28	0.12	11.05	30.00	Pass
			CH _M	10.94	97.28	0.12	11.06		
			CH _H	11.61	97.28	0.12	11.73		
	40	802.11ac	CH _L	10.75	94.69	0.24	10.99	30.00	Pass
			CH _H	10.70	94.60	0.24	10.94		
		802.11n	CH _L	10.75	94.65	0.24	10.99	30.00	Pass
			CH _H	10.71	94.57	0.24	10.95		
	80	802.11ac	CH _M	10.32	89.82	0.47	10.79	30.00	Pass

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

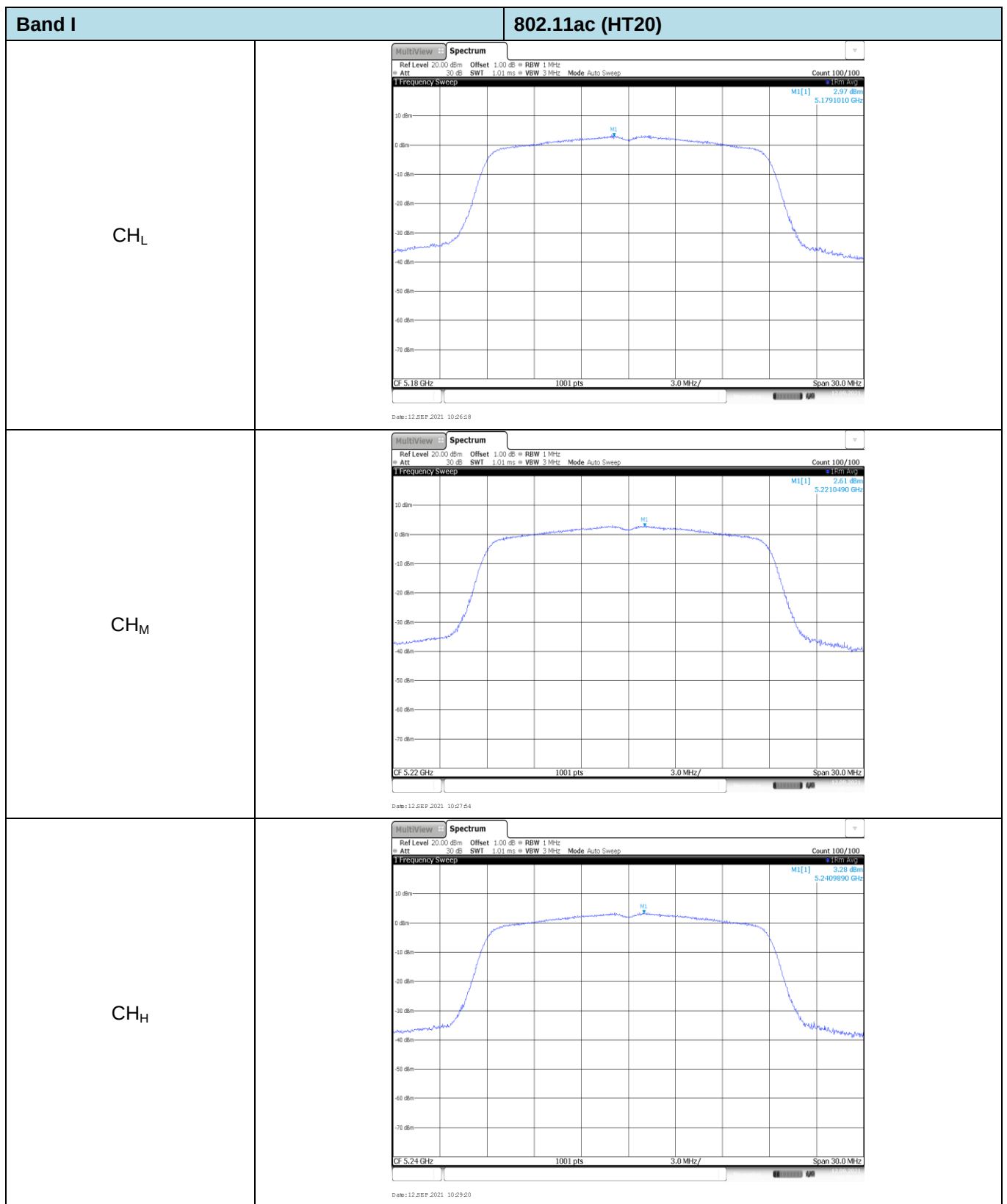
Appendix B: Maximum Power Spectral Density

Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)	Duty cycle (%)	Duty cycle factor (dB)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
I	20	802.11ac	CH _L	2.97	97.21	0.12	3.09	11.00	Pass
			CH _M	2.61	97.12	0.13	2.74		
			CH _H	3.28	97.21	0.12	3.40		
		802.11n	CH _L	2.83	97.18	0.12	2.95	11.00	Pass
			CH _M	2.64	97.09	0.13	2.77		
			CH _H	3.25	97.18	0.12	3.37		
		802.11a	CH _L	2.90	97.28	0.12	3.02	11.00	Pass
			CH _M	3.17	97.28	0.12	3.29		
			CH _H	3.82	97.36	0.12	3.94		
	40	802.11ac	CH _L	-0.09	94.60	0.24	0.15	11.00	Pass
			CH _H	0.15	94.69	0.24	0.39		
		802.11n	CH _L	-1.74	94.57	0.24	-1.50	11.00	Pass
			CH _H	-0.62	94.65	0.24	-0.38		
	80	802.11ac	CH _M	-6.33	89.84	0.47	-5.86	11.00	Pass

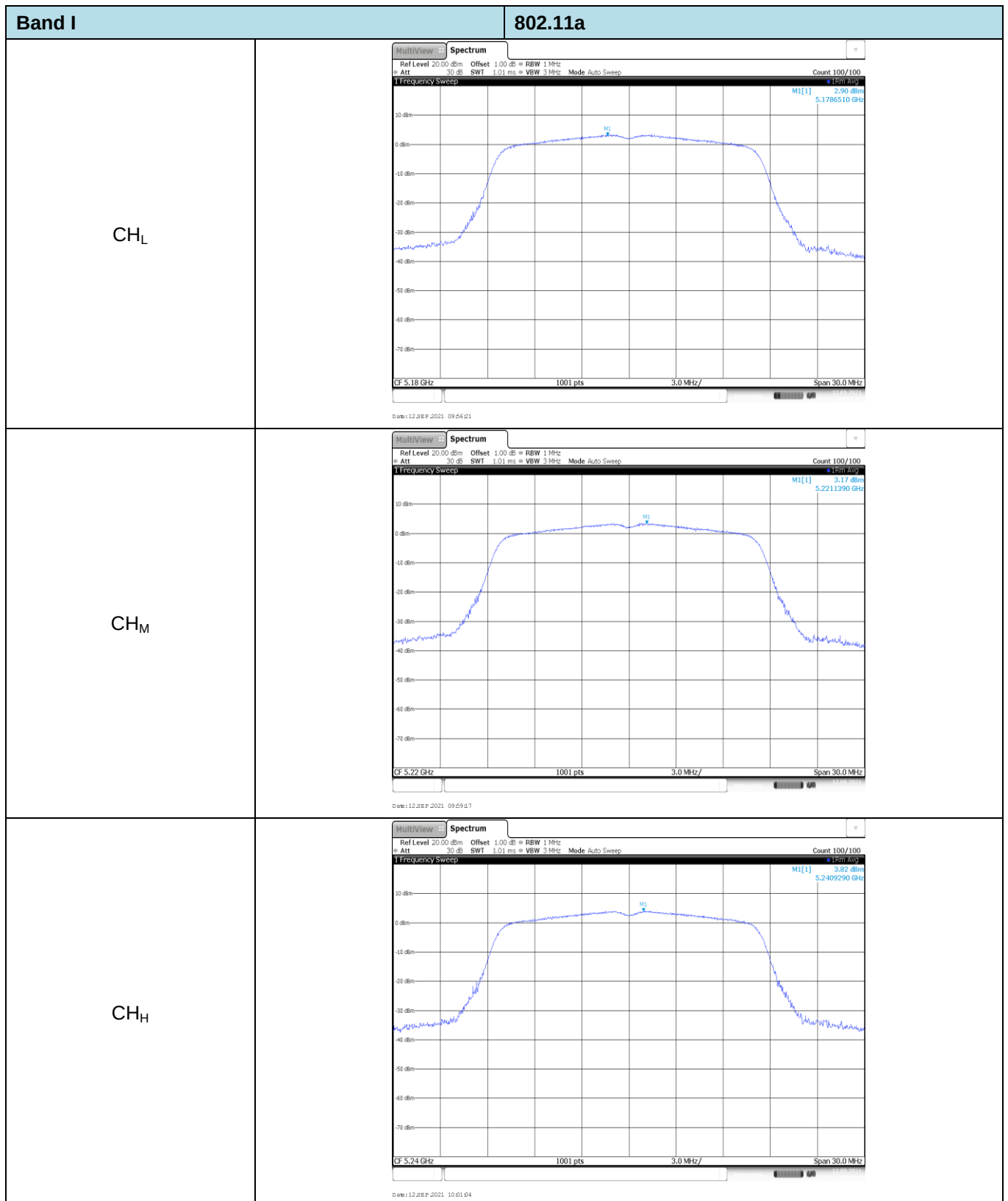
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)	Duty cycle (%)	Duty cycle factor (dB)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
II	20	802.11ac	CH _L	2.98	97.21	0.12	3.10	11.00	Pass
			CH _M	3.57	97.21	0.12	3.69		
			CH _H	3.29	97.21	0.12	3.41		
		802.11n	CH _L	3.07	97.09	0.13	3.20	11.00	Pass
			CH _M	3.50	97.09	0.13	3.63		
			CH _H	4.02	97.09	0.13	4.15		
		802.11a	CH _L	3.55	97.36	0.12	3.67	11.00	Pass
			CH _M	3.82	97.36	0.12	3.94		
			CH _H	3.79	97.36	0.12	3.91		
	40	802.11ac	CH _L	-0.75	94.60	0.24	-0.51	11.00	Pass
			CH _H	-0.93	94.68	0.24	-0.69		
		802.11n	CH _L	-0.32	94.65	0.24	-0.08	11.00	Pass
			CH _H	-0.22	94.65	0.24	0.02		
	80	802.11ac	CH _M	-5.00	89.82	0.47	-4.53	11.00	Pass

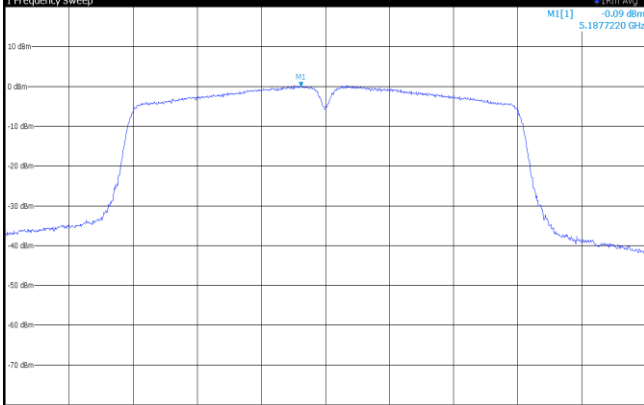
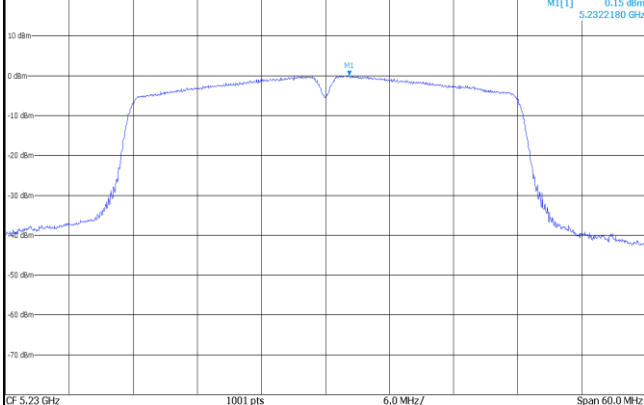
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)	Duty cycle (%)	Duty cycle factor (dB)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
III	20	802.11ac	CH _L	1.54	97.11	0.13	1.67	11.00	Pass
			CH _M	0.83	97.12	0.13	0.96		
			CH _H	0.83	97.12	0.13	0.96		
		802.11n	CH _L	1.02	97.18	0.12	1.14	11.00	Pass
			CH _M	1.15	97.18	0.12	1.27		
			CH _H	-0.26	97.09	0.13	-0.13		
		802.11a	CH _L	2.43	97.28	0.12	2.55	11.00	Pass
			CH _M	1.86	97.36	0.12	1.98		
			CH _H	1.90	97.36	0.12	2.02		
	40	802.11ac	CH _L	-2.65	94.69	0.24	-2.41	11.00	Pass
			CH _M	-2.09	94.68	0.24	-1.85		
			CH _H	-2.94	94.60	0.24	-2.70		
		802.11n	CH _L	-1.98	94.65	0.24	-1.74	11.00	Pass
			CH _M	-1.76	94.65	0.24	-1.52		
			CH _H	-3.33	94.57	0.24	-3.09		
	80	802.11ac	CH _L	-7.57	89.84	0.47	-7.10	11.00	Pass
			CH _M	-8.28	89.84	0.47	-7.81		
			CH _H	-8.41	89.67	0.47	-7.94		
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)	Duty cycle (%)	Duty cycle factor (dB)	Power Spectral Density (dBm/500KHz)	Limit (dBm/500KHz)	Result
IV	20	802.11ac	CH _L	-1.55	97.12	0.13	-1.42	30.00	Pass
			CH _M	-2.54	97.21	0.12	-2.42		
			CH _H	-1.69	97.21	0.12	-1.57		
		802.11n	CH _L	-1.49	97.18	0.12	-1.37	30.00	Pass
			CH _M	-2.40	97.09	0.13	-2.27		
			CH _H	-1.69	97.09	0.13	-1.56		
		802.11a	CH _L	-1.03	97.28	0.12	-0.91	30.00	Pass
			CH _M	-2.33	97.28	0.12	-2.21		
			CH _H	-1.21	97.28	0.12	-1.09		
	40	802.11ac	CH _L	-5.02	94.69	0.24	-4.78	30.00	Pass
			CH _H	-5.69	94.60	0.24	-5.45		
		802.11n	CH _L	-5.01	94.65	0.24	-4.77	30.00	Pass
			CH _H	-5.71	94.57	0.24	-5.47		
	80	802.11ac	CH _M	-9.50	89.82	0.47	-9.03	30.00	Pass

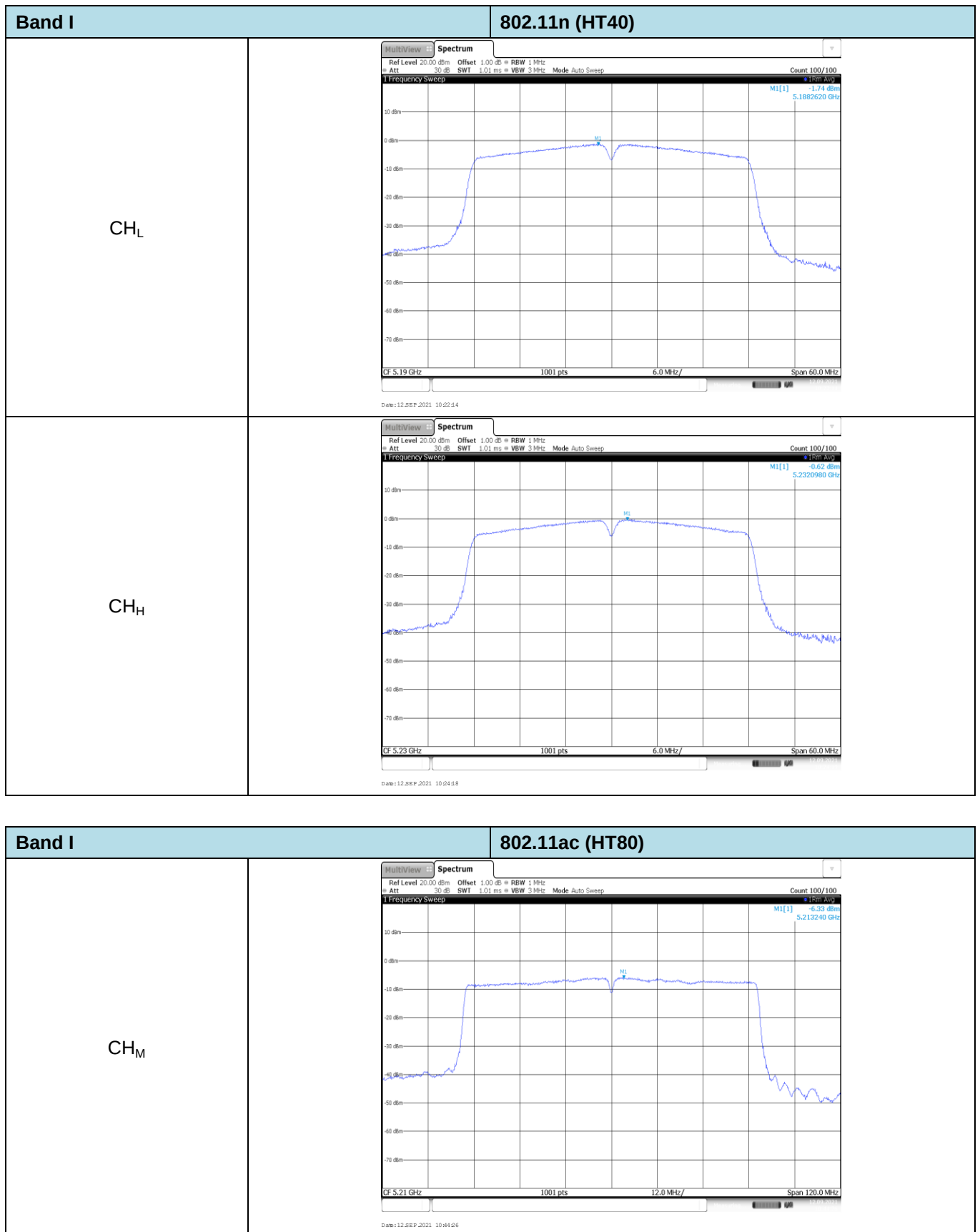
Test plot as follows:

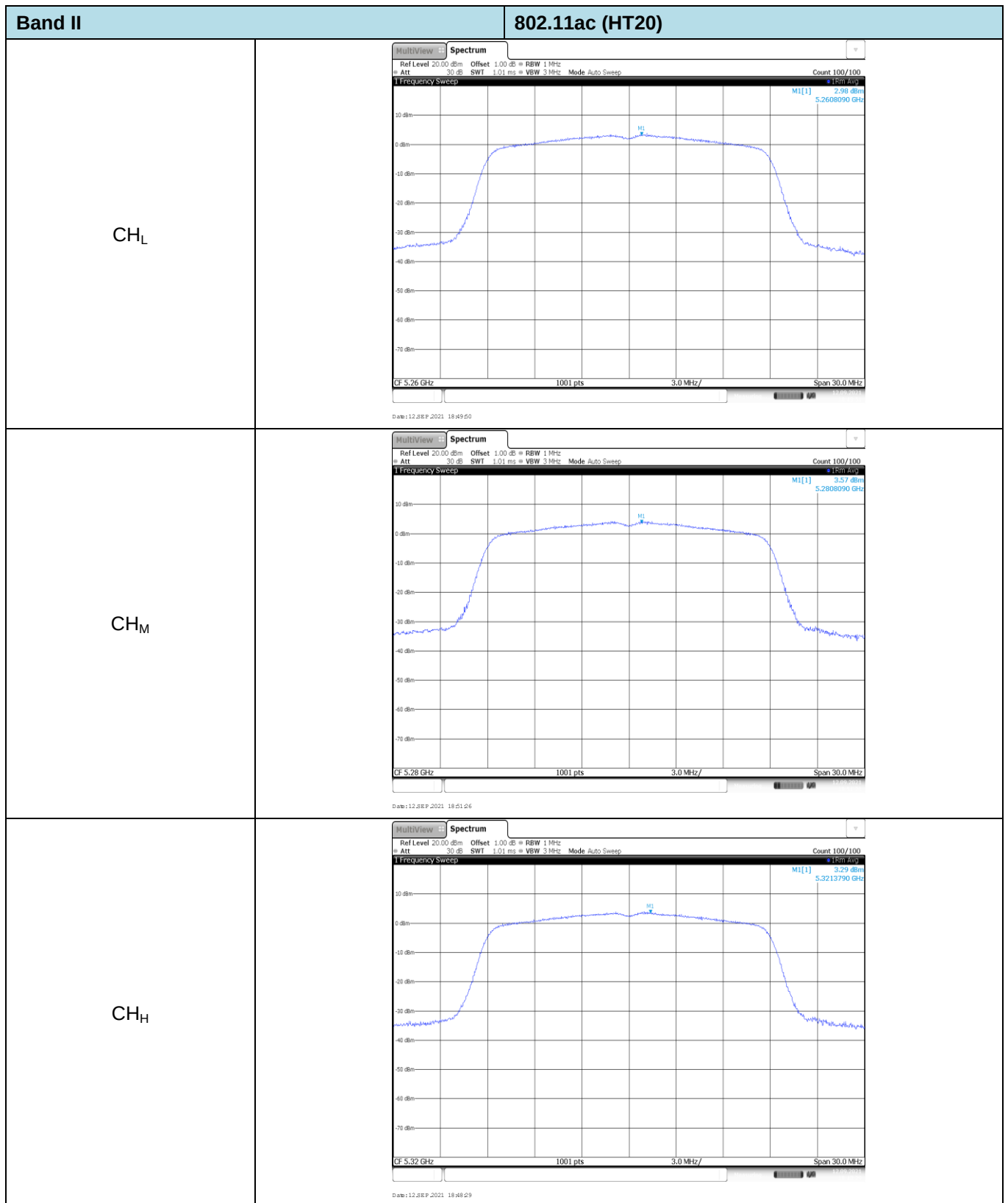


Band I		802.11n (HT20)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1 2.83 dBm 5.1789510 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 10:05:09	
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 M1 2.64 dBm 5.2211990 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 10:08:42	
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 M1 3.25 dBm 5.2391310 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 10:01:09	



Band I		802.11ac (HT40)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 PM Avg Frequency Sweep M1[1] -0.09 dBm 5.1877220 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm  CF 5.19 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 10:02:45	
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 PM Avg Frequency Sweep M1[1] 0.15 dBm 5.2322180 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm  CF 5.23 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 10:05:50	

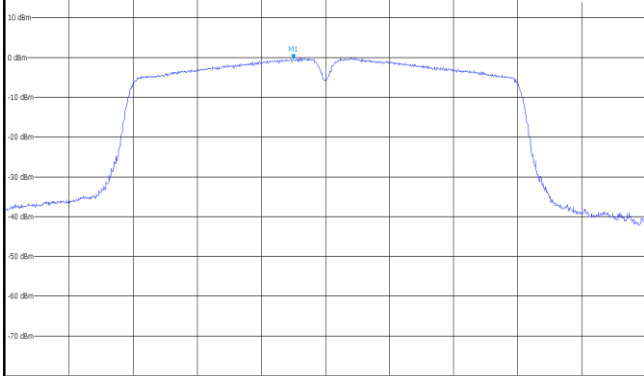
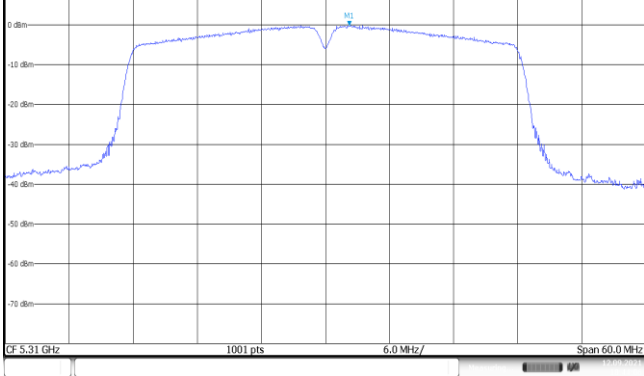
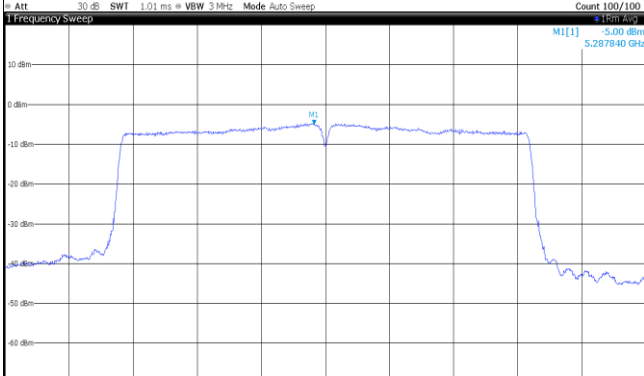


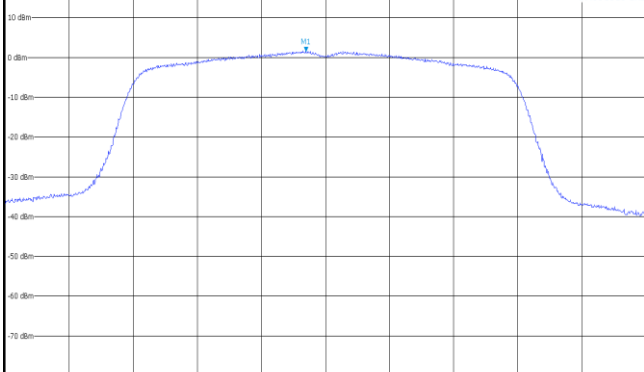
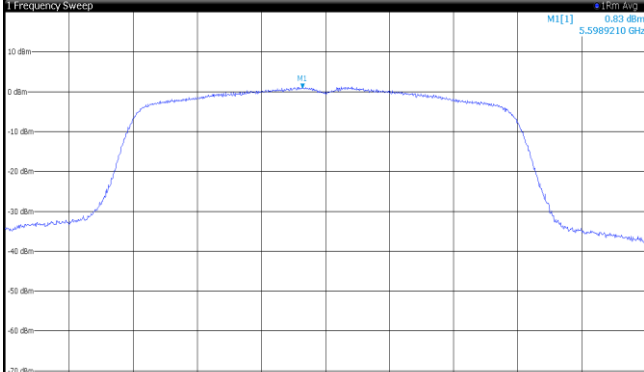
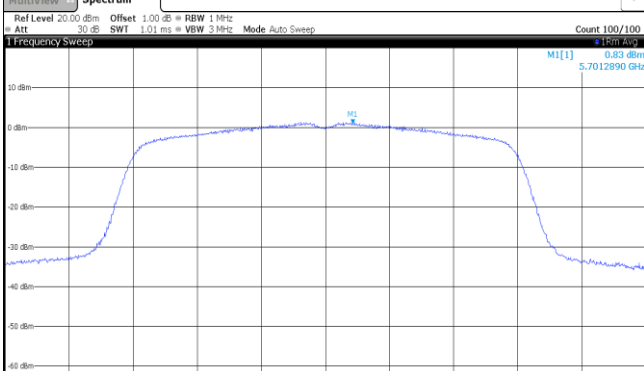


Band II		802.11n (HT20)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1 3.07 dBm 5.2588610 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 18:06:04	
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 M1 3.50 dBm 5.2810790 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 18:08:04	
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 M1 4.02 dBm 5.3210190 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 18:04:06	

Band II		802.11a
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 M1 3.55 dBm 5.2585610 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 17:56:40	
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 M1 3.82 dBm 5.2811090 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 17:58:25	
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 M1 3.79 dBm 5.3191310 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 17:59:09	

Band II		802.11ac (HT40)
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 PM Avg Frequency Sweep CF 5.27 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 12 SEP 2021 18:56:13	
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 PM Avg Frequency Sweep CF 5.31 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 12 SEP 2021 18:54:27	

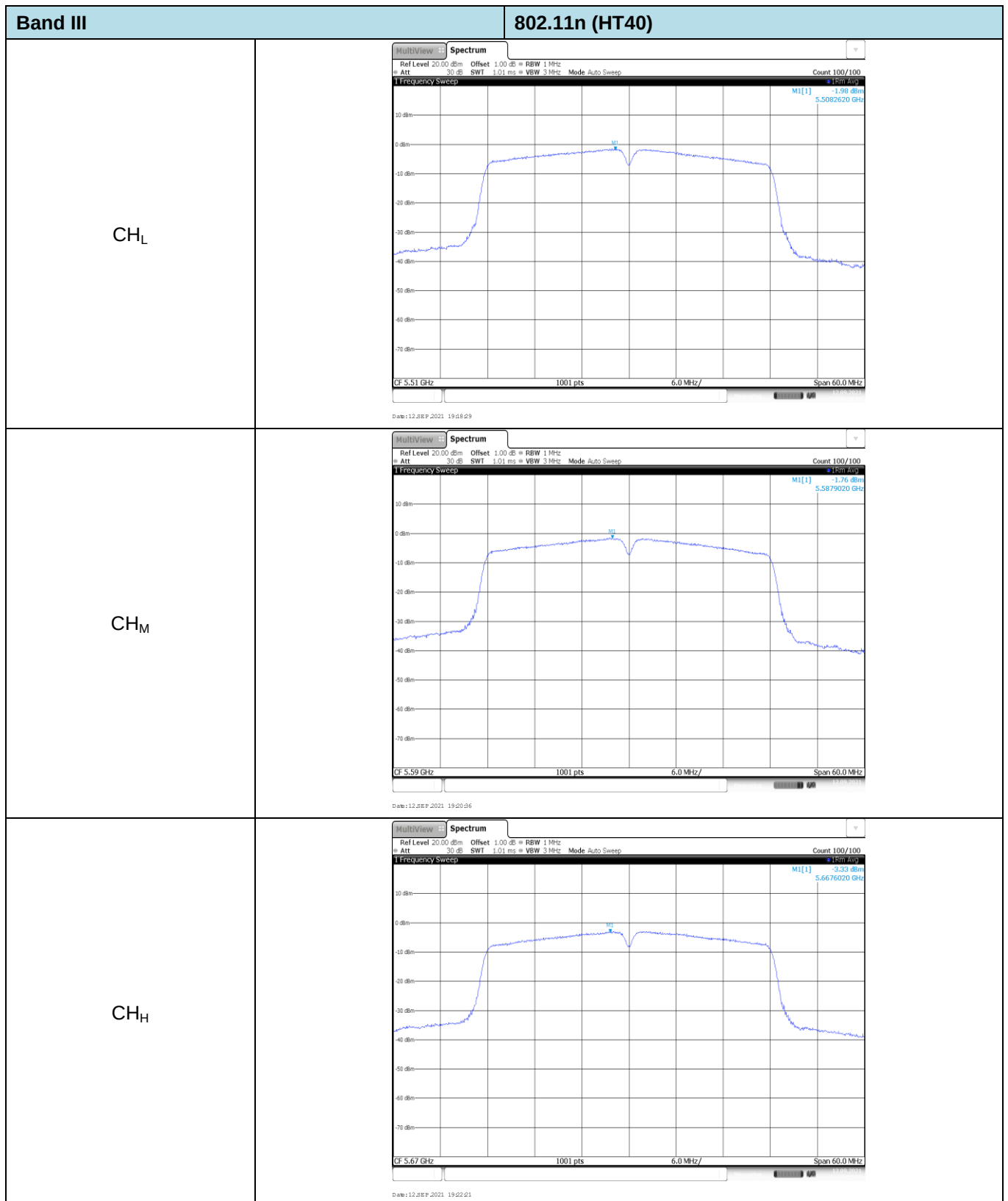
Band II		802.11n (HT40)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -0.32 dBm 5.2670030 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm  CF 5.27 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 18:45:02	
CH _H	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -0.22 dBm 5.3122180 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm  CF 5.31 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 18:44:06	
Band II		802.11ac (HT80)
CH _M	MultiView Spectrum Ref Level 20.00 dBm Offset 1.00 dB RBW 1 MHz Att 30 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -5.00 dBm 5.287840 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm  CF 5.29 GHz 1001 pts 12.0 MHz/ Span 120.0 MHz Date: 12.SEP.2021 18:47:52	

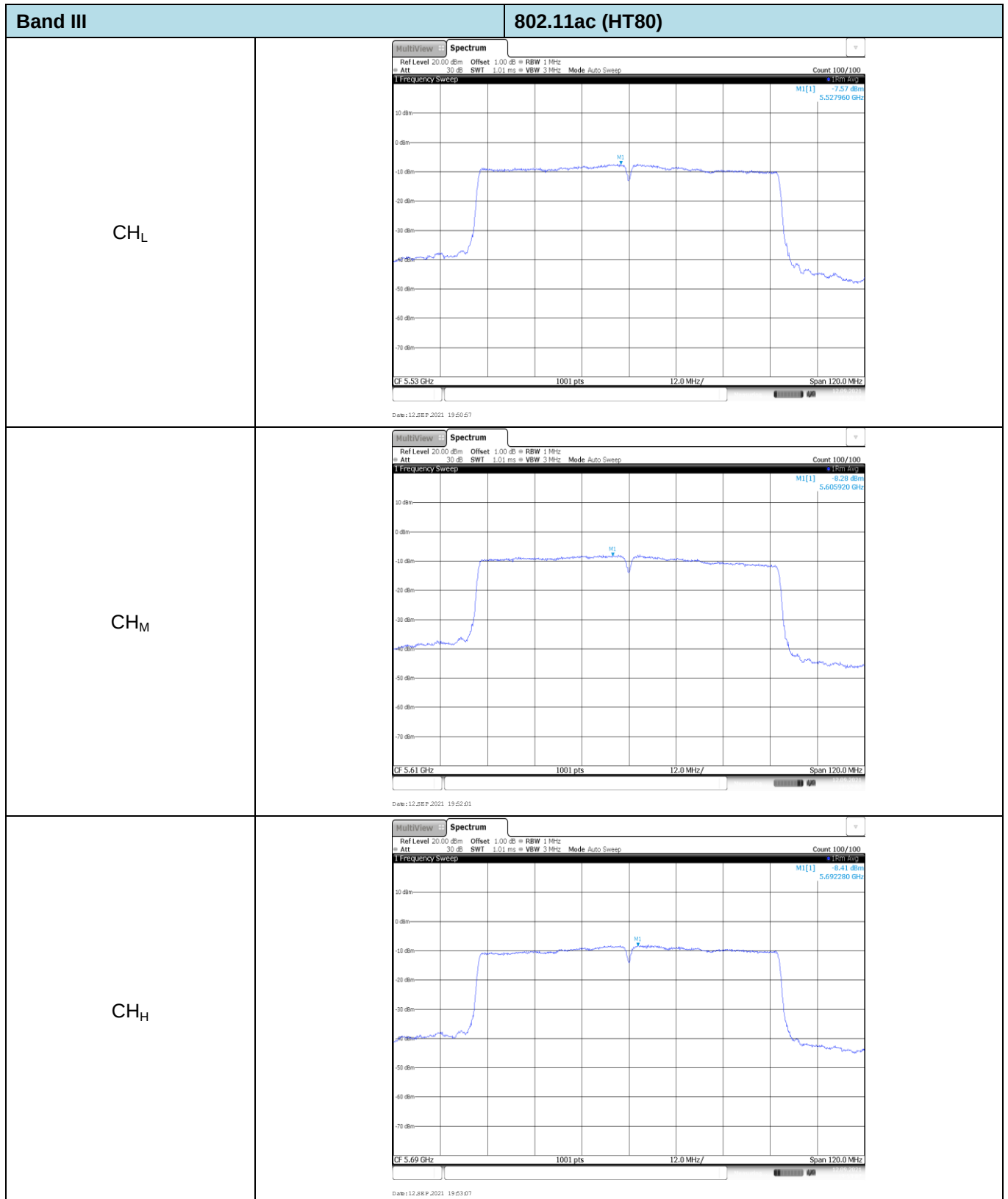
Band III		802.11ac (HT20)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.54 dBm 5.4991010 GHz  CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:26:40	
CH _M	MultiView Spectrum 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 M1[1] 0.83 dBm 5.5989210 GHz  CF 5.6 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:28:12	
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 M1[1] 0.83 dBm 5.7012890 GHz  CF 5.7 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:29:16	

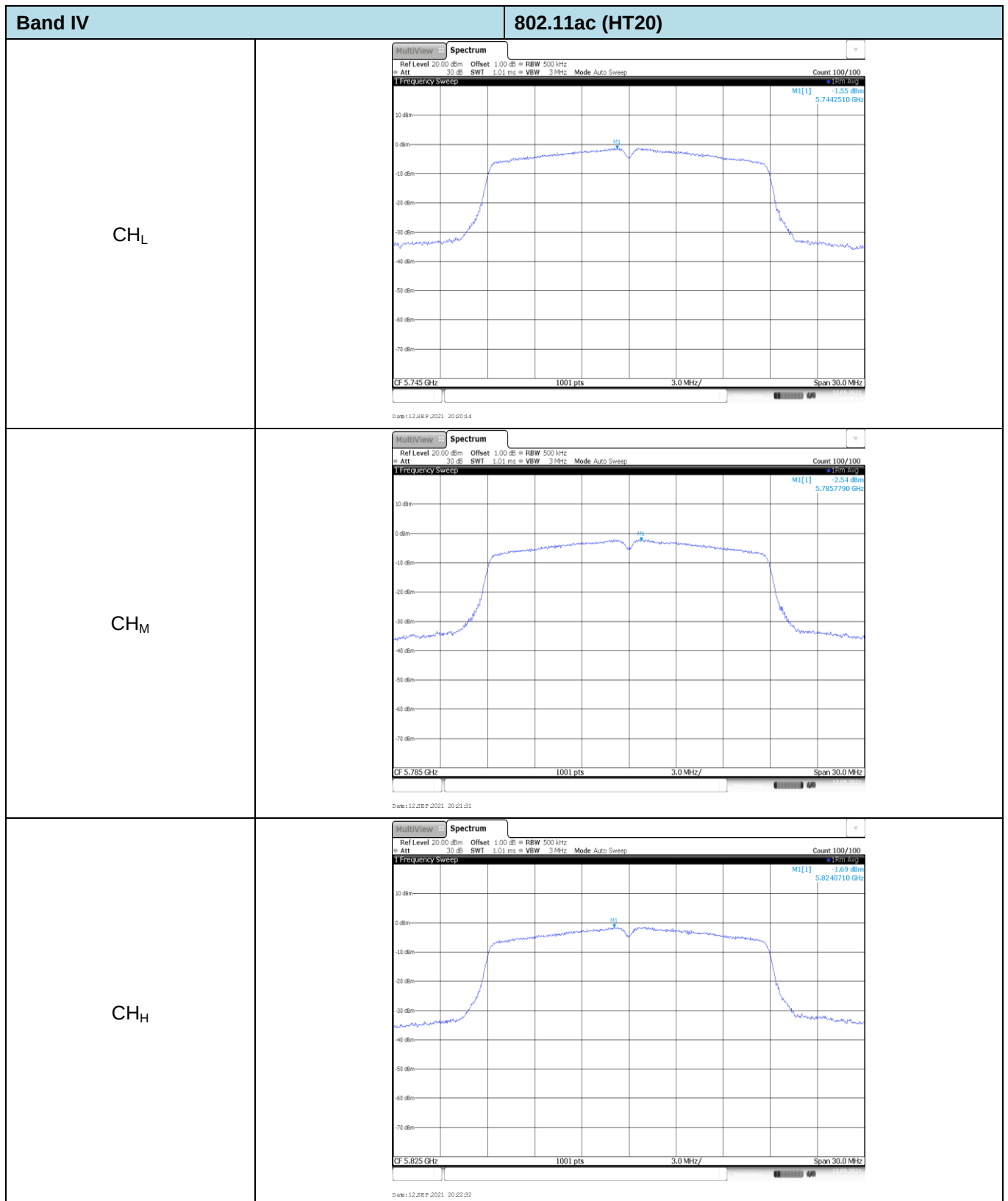
Band III		802.11n (HT20)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.02 dBm 5.5009290 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:11:45	
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 M1[1] 1.15 dBm 5.5988910 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.6 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:13:01	
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 M1[1] -0.26 dBm 5.6987410 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.7 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:18:44	

Band III		802.11a
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 M1 2.43 dBm 5.4992210 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:02:13	
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 M1 1.86 dBm 5.5989810 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.6 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:03:50	
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 M1 1.90 dBm 5.7009590 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.7 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 19:04:52	

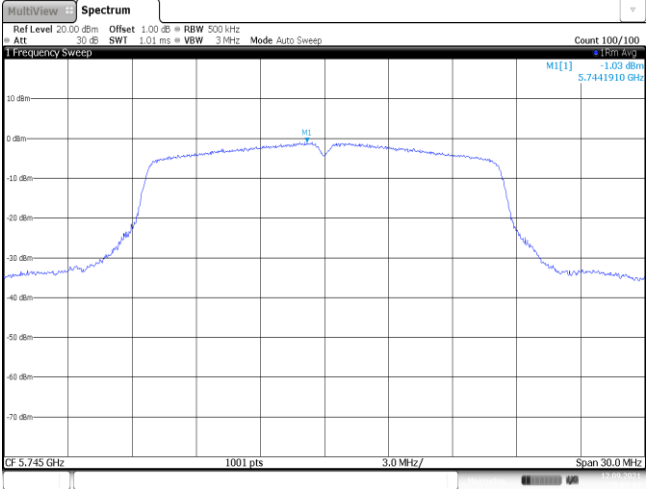
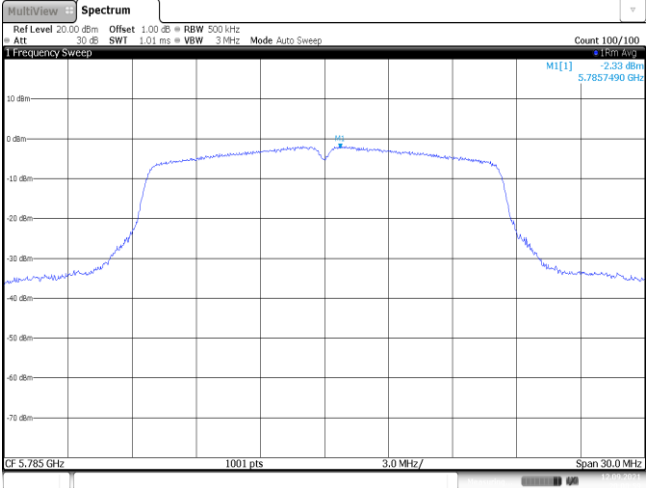
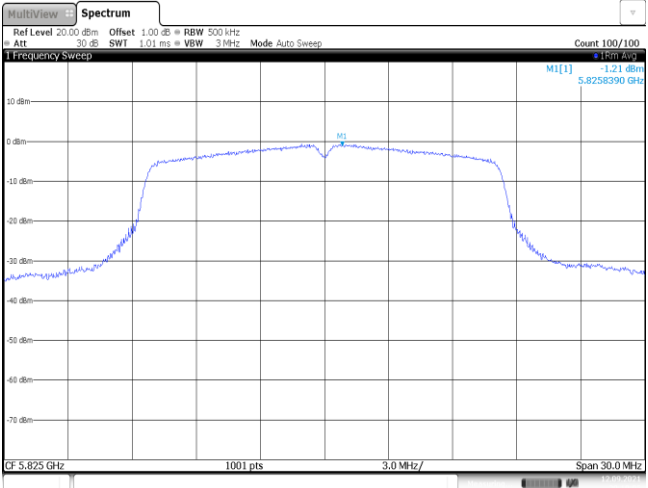
Band III		802.11ac (HT40)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 dB Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -2.65 dBm 5.5112590 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.51 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 19:04:28	
CH _M	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 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] -2.09 dBm 5.5883220 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.59 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 19:06:28	
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 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] -2.94 dBm 5.6683220 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.67 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 12.SEP.2021 19:03:00	

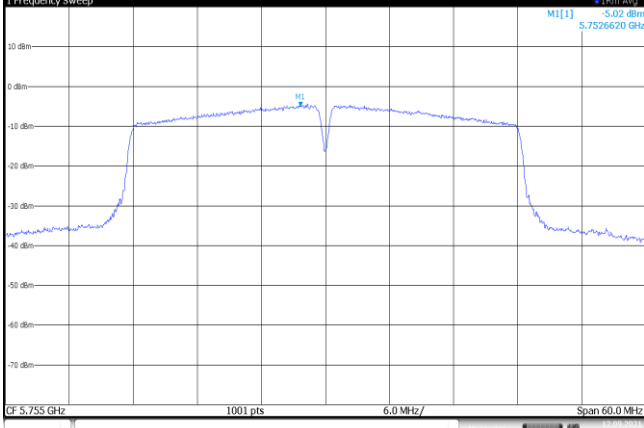
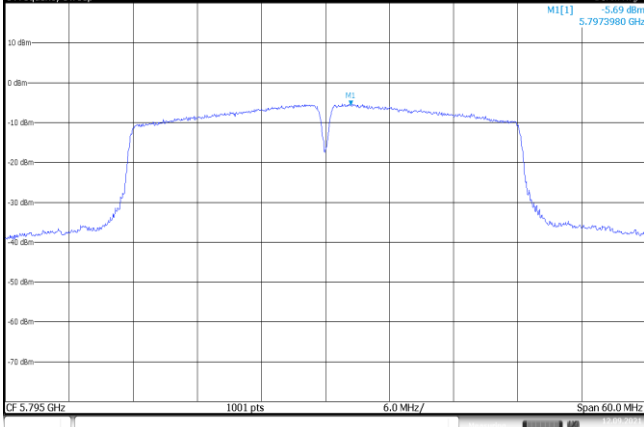


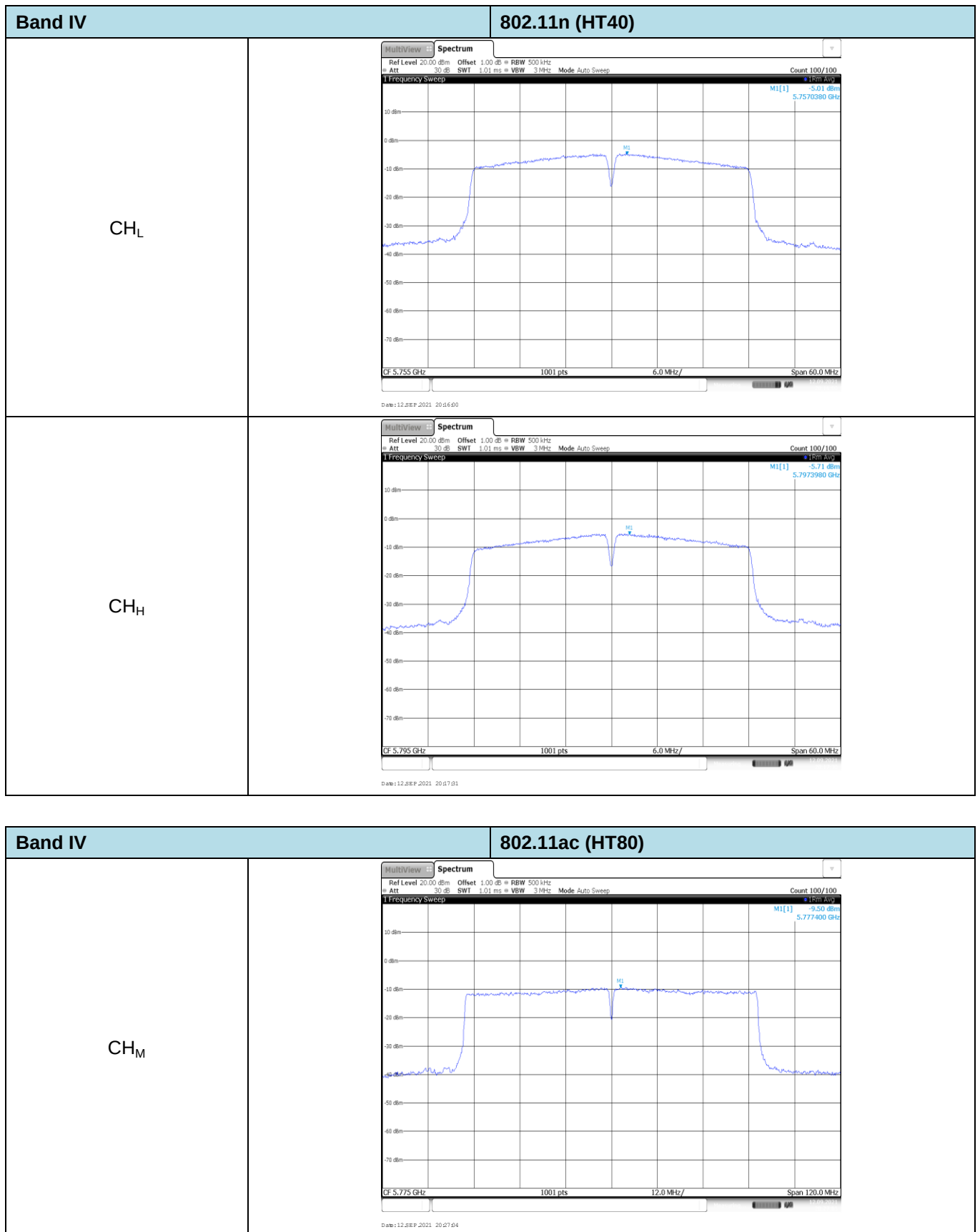




Band IV		802.11n (HT20)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -1.49 dBm 5.7461690 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 20:11:52	
CH _M	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -2.40 dBm 5.7857190 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 20:13:12	
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.0 dB Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -1.69 dBm 5.8258690 GHz 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12.SEP.2021 20:14:18	

Band IV	802.11a
CH _L	 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 M1[1] -1.03 dBm 5.7441910 GHz CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12 SEP 2021 20:07:40
CH _M	 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 M1[1] -2.33 dBm 5.7857490 GHz CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12 SEP 2021 20:08:59
CH _H	 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 M1[1] -1.21 dBm 5.8258390 GHz CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 12 SEP 2021 20:10:05

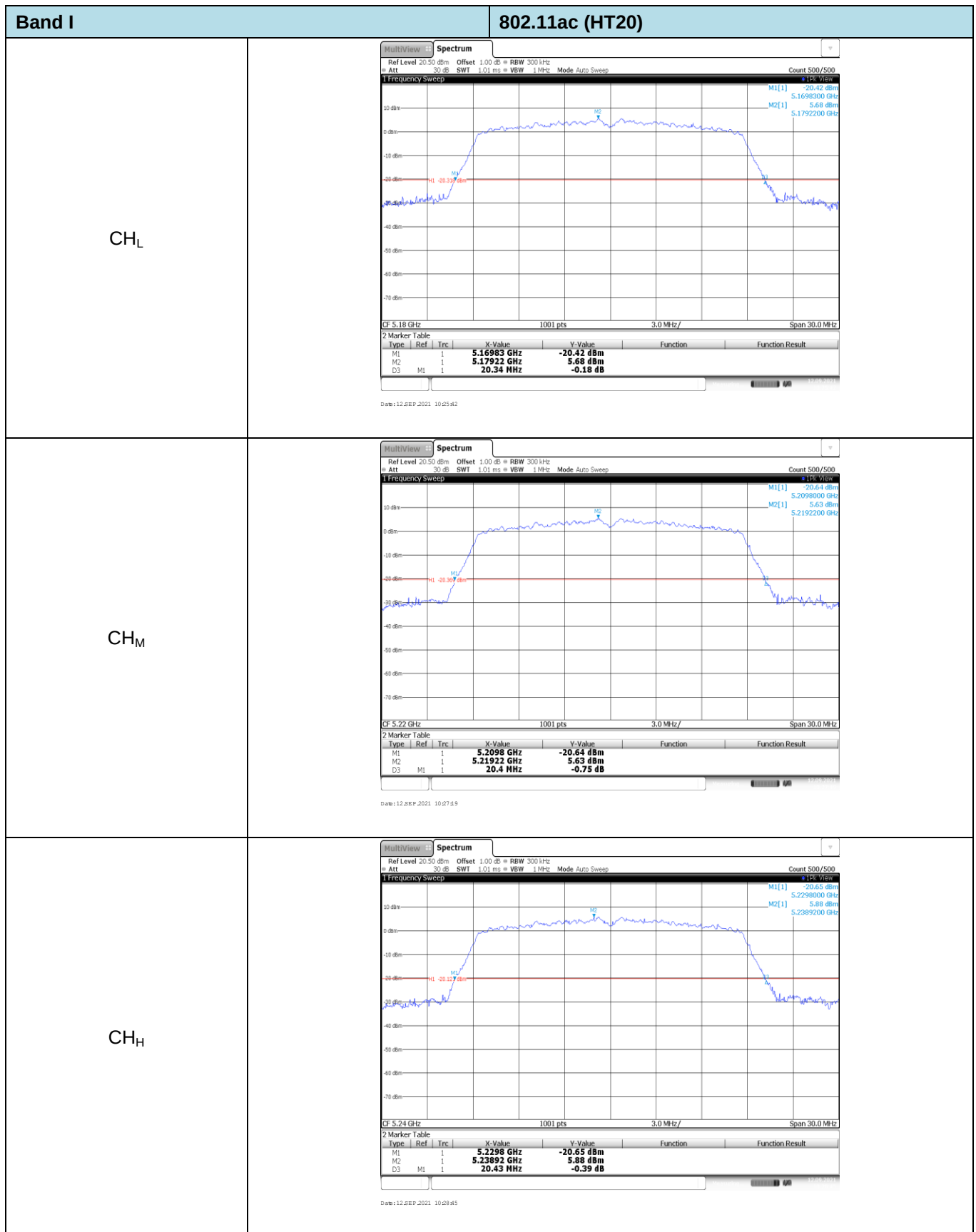
Band IV		802.11ac (HT40)
CH _L	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 dB Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 PM Avg Frequency Sweep  CF 5.755 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 12.SEP.2021 20:24:12	
CH _H	MultiView Spectrum Ref Level 20.00 dBm Att 30.00 dB Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 PM Avg Frequency Sweep  CF 5.795 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 12.SEP.2021 20:25:00	

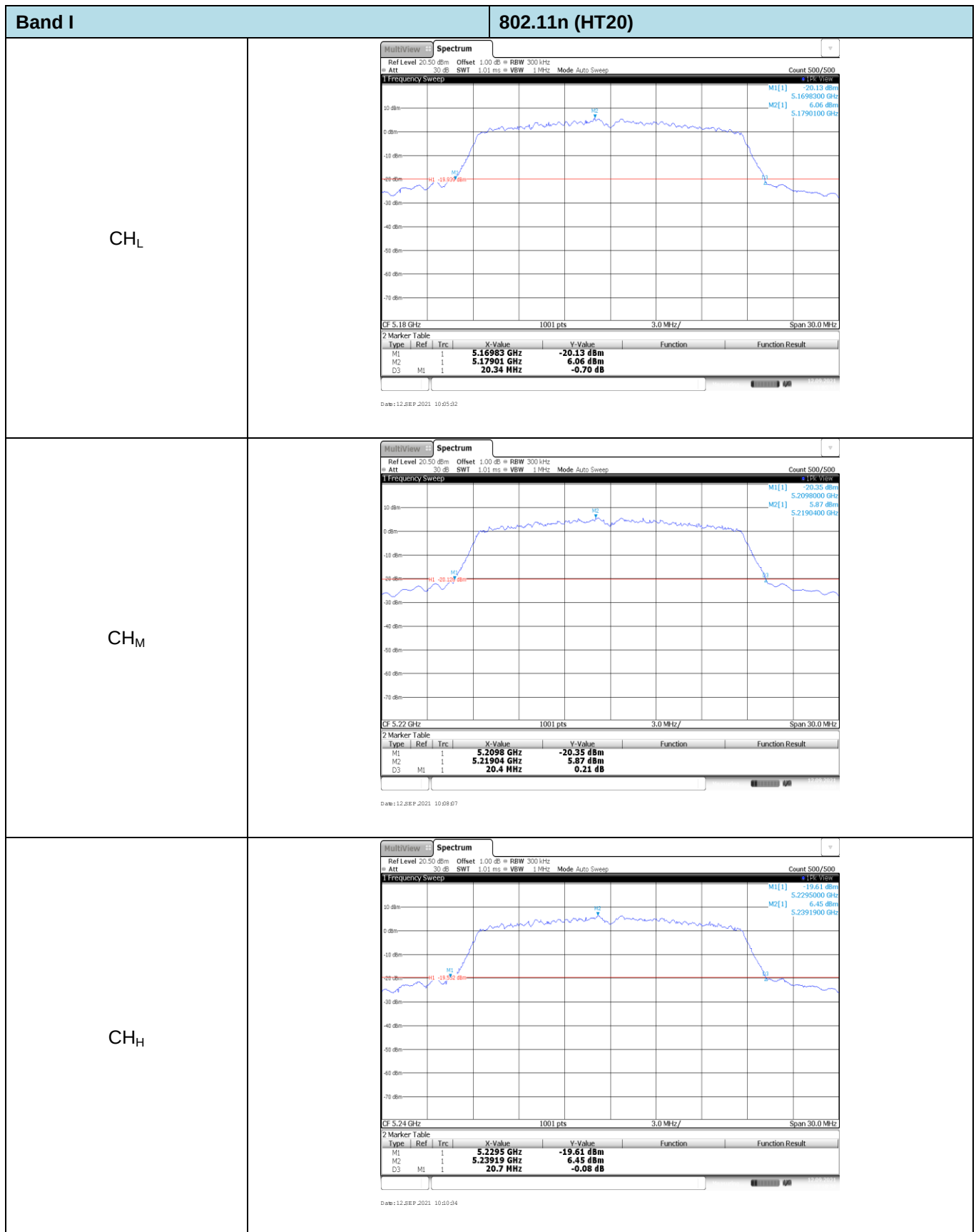


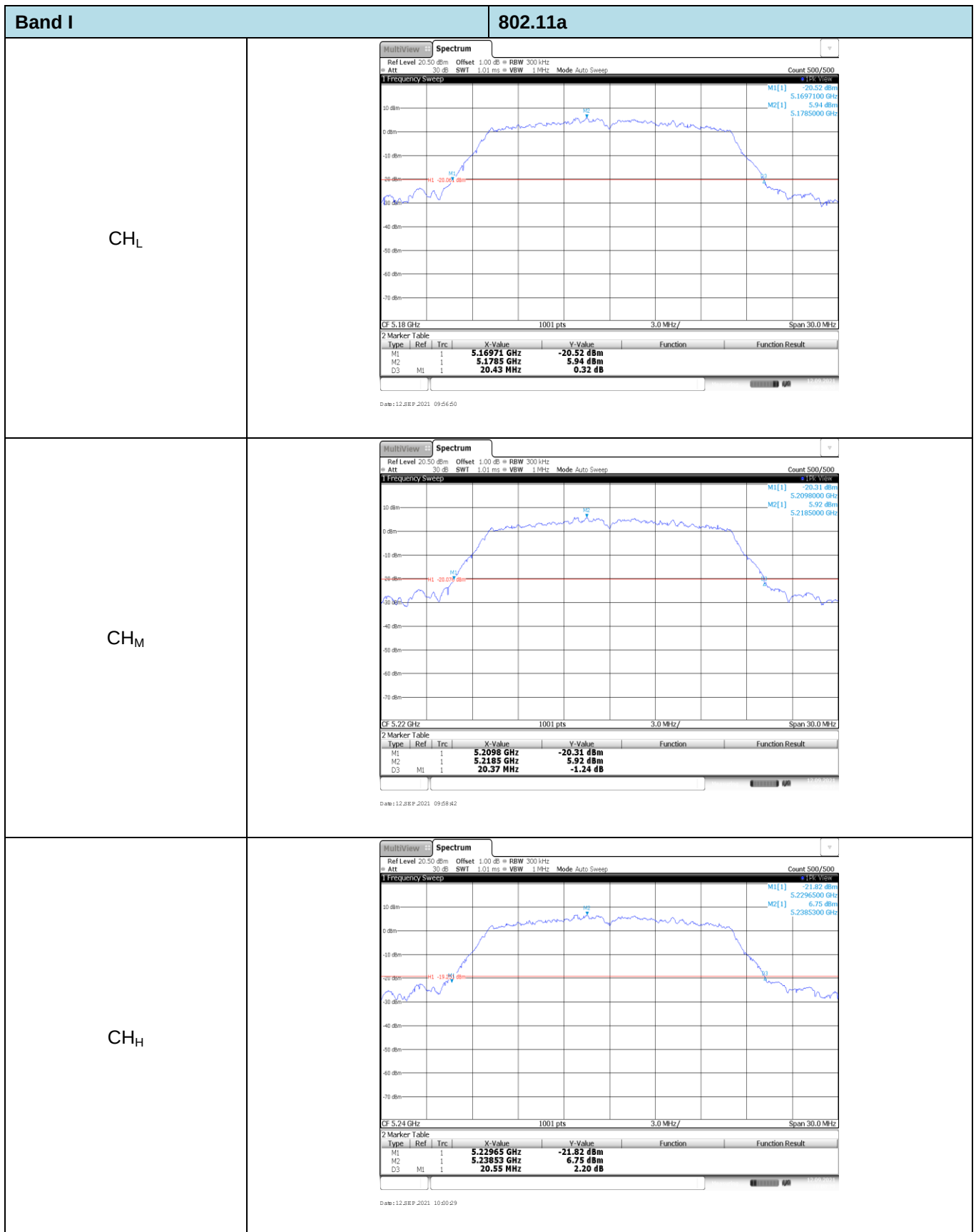
Appendix C: 26dB bandwidth

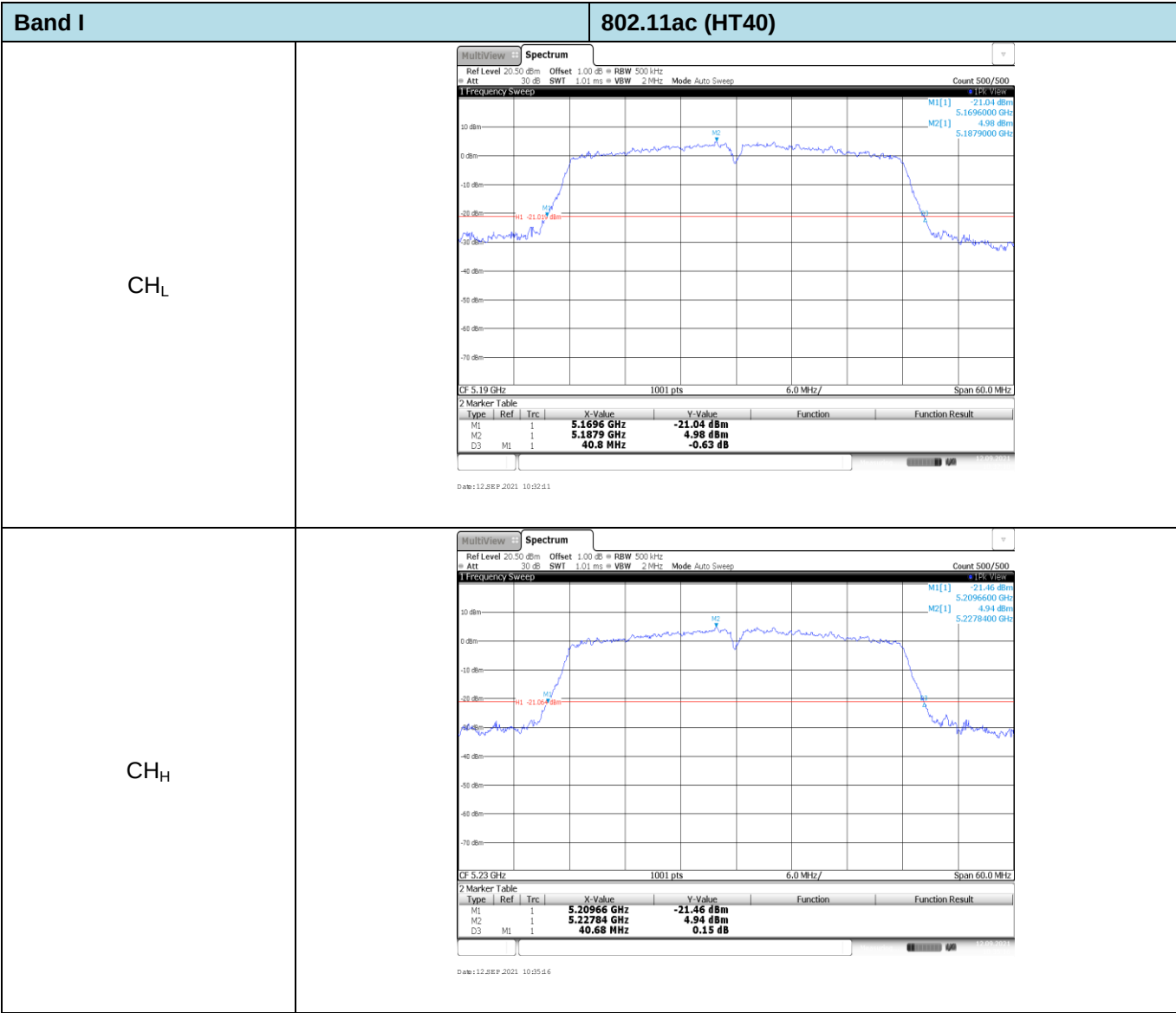
Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
I	20	802.11ac	CH _L	20.34	Pass
			CH _M	20.40	
			CH _H	20.43	
		802.11n	CH _L	20.34	Pass
			CH _M	20.40	
			CH _H	20.70	
		802.11a	CH _L	20.43	Pass
			CH _M	20.37	
			CH _H	20.55	
	40	802.11ac	CH _L	40.80	Pass
			CH _H	40.68	
		802.11n	CH _L	40.92	Pass
			CH _H	40.56	
	80	802.11ac	CH _M	82.20	Pass
II	20	802.11ac	CH _L	20.49	Pass
			CH _M	20.46	
			CH _H	20.43	
		802.11n	CH _L	20.46	Pass
			CH _M	20.52	
			CH _H	20.52	
		802.11a	CH _L	20.34	Pass
			CH _M	20.37	
			CH _H	20.67	
	40	802.11ac	CH _L	40.74	Pass
			CH _H	40.80	
		802.11n	CH _L	40.80	Pass
			CH _H	40.86	
	80	802.11ac	CH _M	82.32	Pass

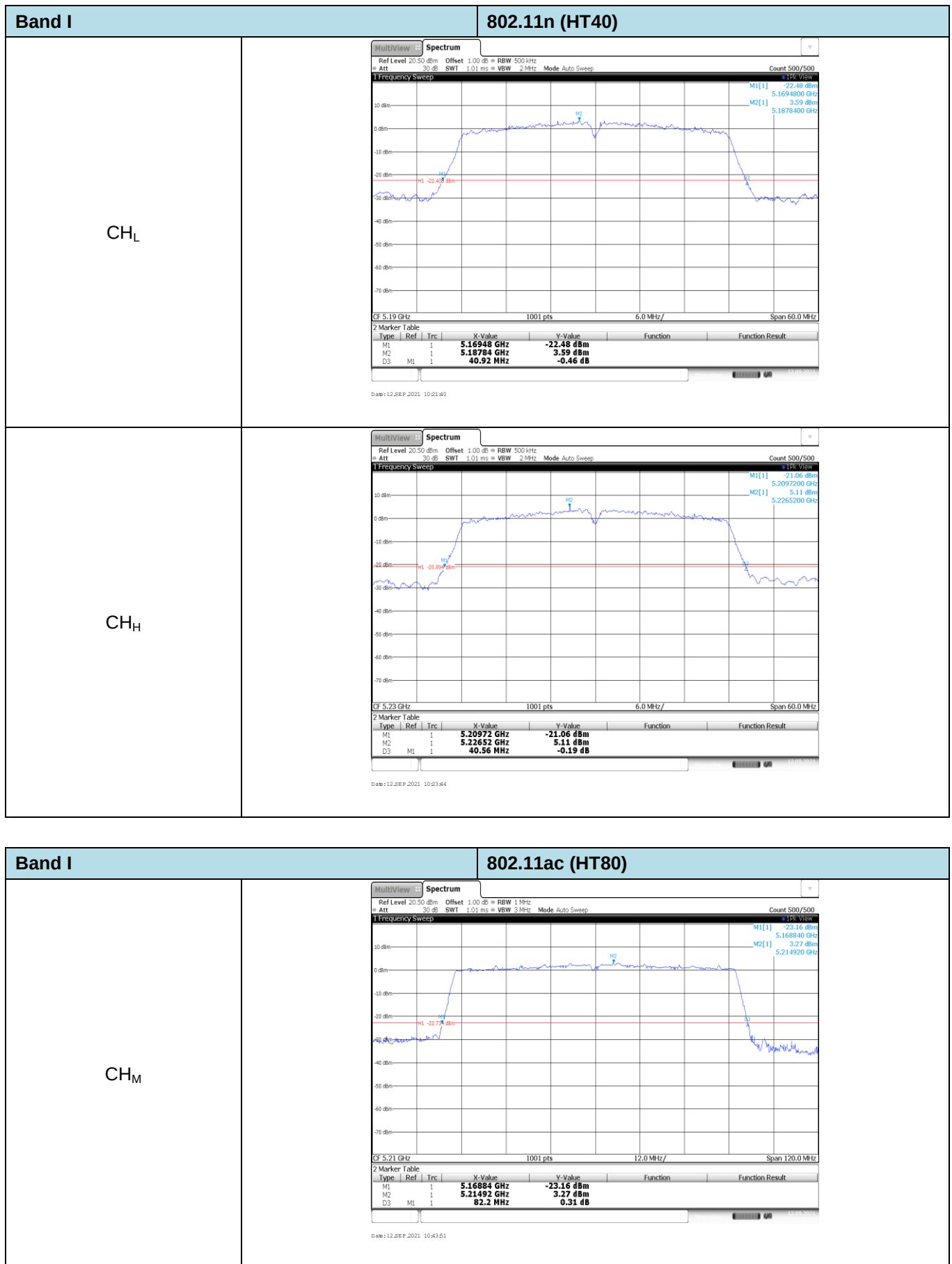
Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
III	20	802.11ac	CH _L	20.28	Pass
			CH _M	20.37	
			CH _H	20.61	
		802.11n	CH _L	20.43	Pass
			CH _M	20.52	
			CH _H	20.61	
		802.11a	CH _L	20.64	Pass
			CH _M	20.37	
			CH _H	21.09	
	40	802.11ac	CH _L	40.86	Pass
			CH _M	40.68	
			CH _H	41.10	
		802.11n	CH _L	40.80	Pass
			CH _M	40.56	
			CH _H	40.80	
	80	802.11ac	CH _L	82.32	Pass
			CH _M	82.56	
			CH _H	82.44	

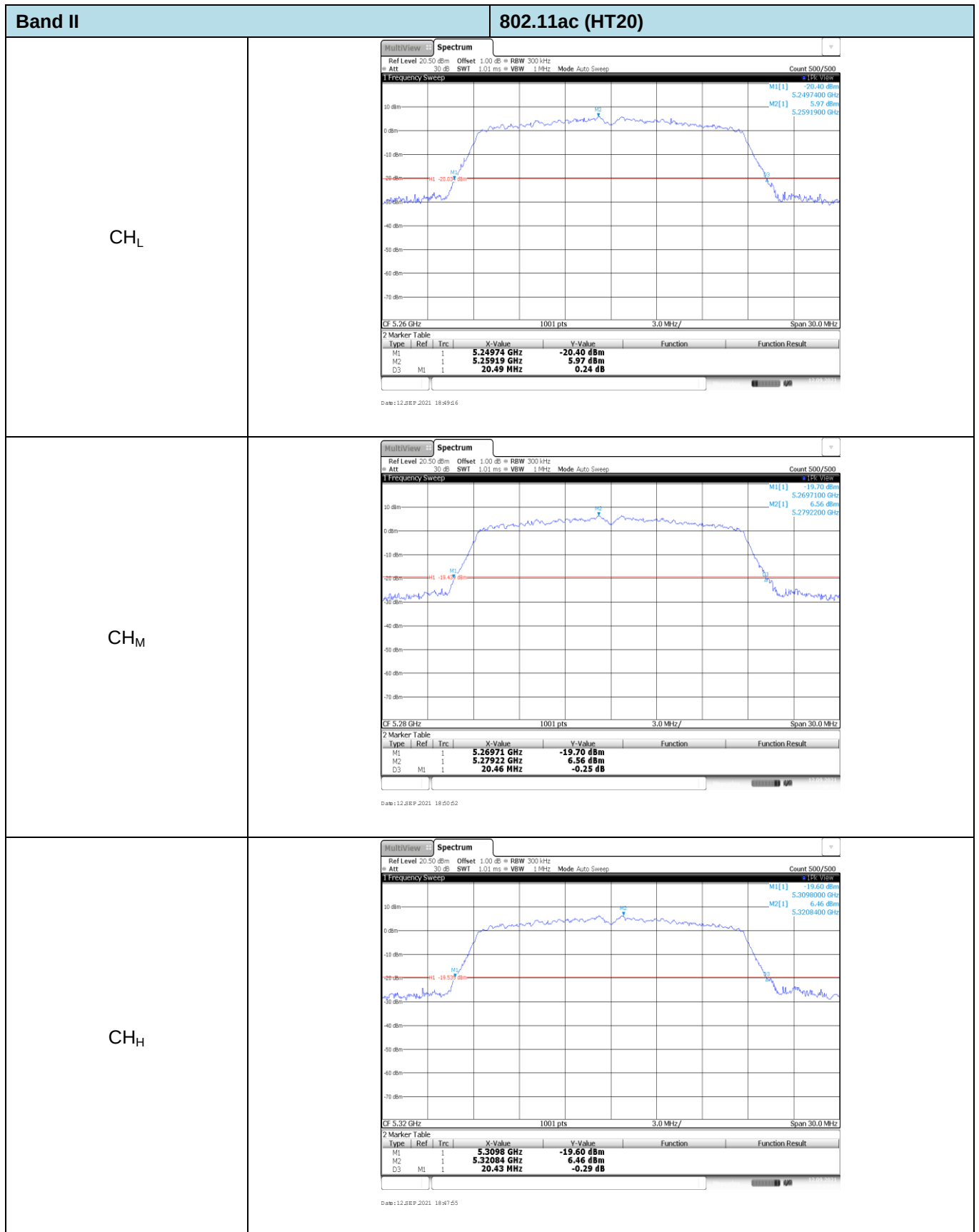


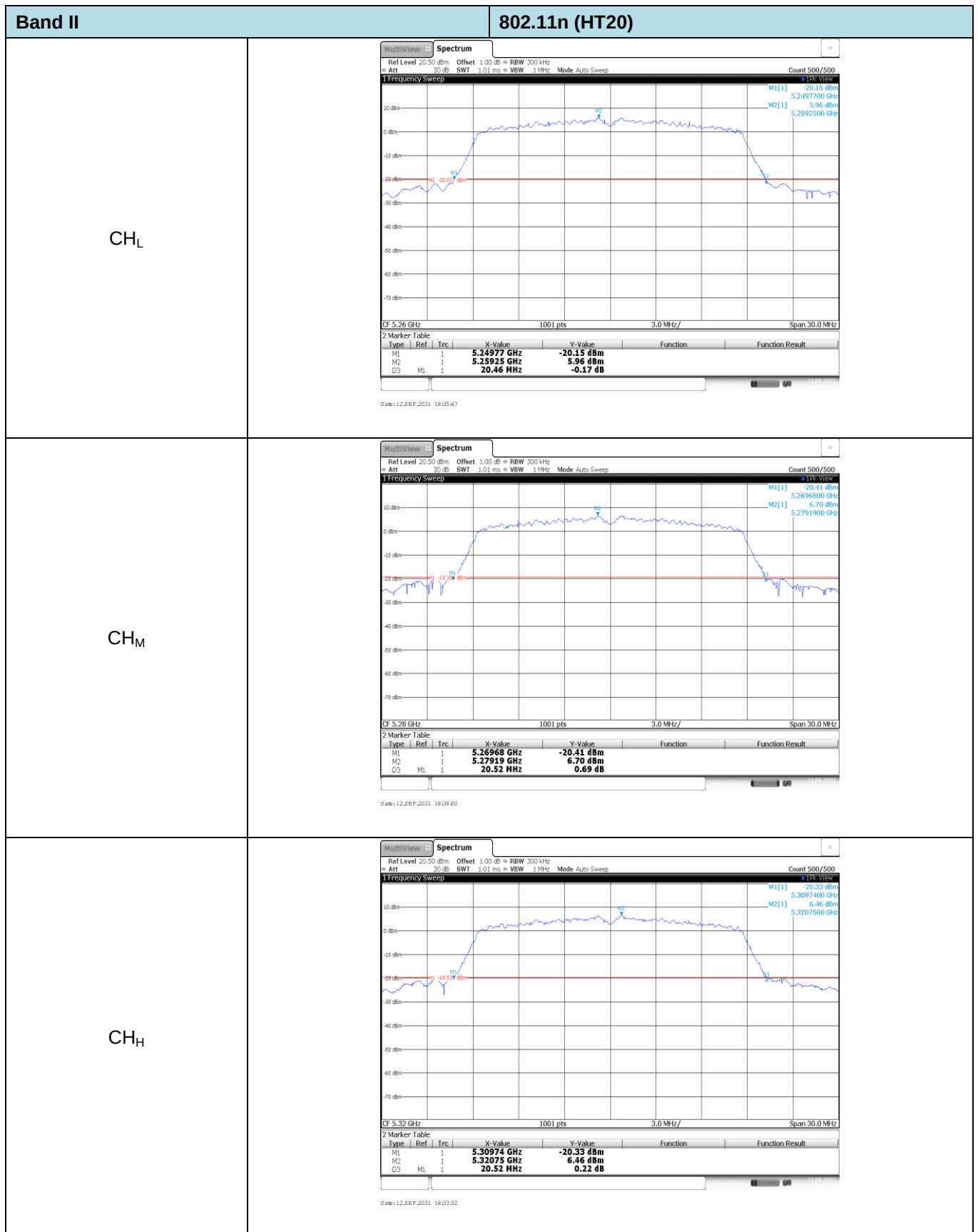






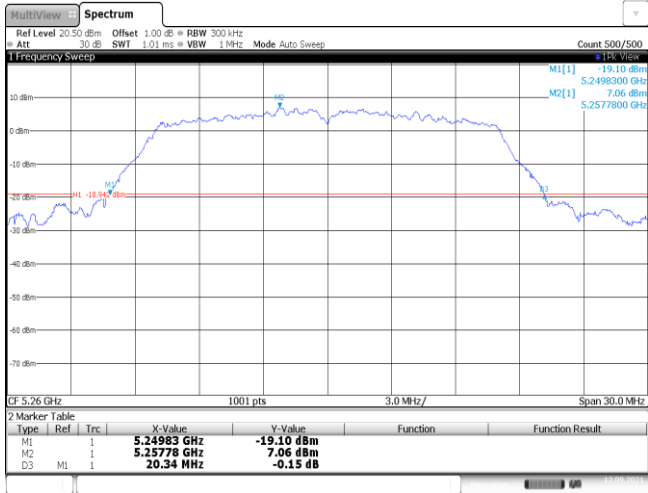






Band II

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 500/500 Frequency Sweep M1 -18.94 dBm M2 -19.10 dBm M3 -19.10 dBm M4 -19.10 dBm M5 -19.10 dBm M6 -19.10 dBm M7 -19.10 dBm M8 -19.10 dBm M9 -19.10 dBm M10 -19.10 dBm M11 -19.10 dBm M12 -19.10 dBm M13 -19.10 dBm M14 -19.10 dBm M15 -19.10 dBm M16 -19.10 dBm M17 -19.10 dBm M18 -19.10 dBm M19 -19.10 dBm M20 -19.10 dBm M21 -19.10 dBm M22 -19.10 dBm M23 -19.10 dBm M24 -19.10 dBm M25 -19.10 dBm M26 -19.10 dBm M27 -19.10 dBm M28 -19.10 dBm M29 -19.10 dBm M30 -19.10 dBm M31 -19.10 dBm M32 -19.10 dBm M33 -19.10 dBm M34 -19.10 dBm M35 -19.10 dBm M36 -19.10 dBm M37 -19.10 dBm M38 -19.10 dBm M39 -19.10 dBm M40 -19.10 dBm M41 -19.10 dBm M42 -19.10 dBm M43 -19.10 dBm M44 -19.10 dBm M45 -19.10 dBm M46 -19.10 dBm M47 -19.10 dBm M48 -19.10 dBm M49 -19.10 dBm M50 -19.10 dBm M51 -19.10 dBm M52 -19.10 dBm M53 -19.10 dBm M54 -19.10 dBm M55 -19.10 dBm M56 -19.10 dBm M57 -19.10 dBm M58 -19.10 dBm M59 -19.10 dBm M60 -19.10 dBm M61 -19.10 dBm M62 -19.10 dBm M63 -19.10 dBm M64 -19.10 dBm M65 -19.10 dBm M66 -19.10 dBm M67 -19.10 dBm M68 -19.10 dBm M69 -19.10 dBm M70 -19.10 dBm M71 -19.10 dBm M72 -19.10 dBm M73 -19.10 dBm M74 -19.10 dBm M75 -19.10 dBm M76 -19.10 dBm M77 -19.10 dBm M78 -19.10 dBm M79 -19.10 dBm M80 -19.10 dBm M81 -19.10 dBm M82 -19.10 dBm M83 -19.10 dBm M84 -19.10 dBm M85 -19.10 dBm M86 -19.10 dBm M87 -19.10 dBm M88 -19.10 dBm M89 -19.10 dBm M90 -19.10 dBm M91 -19.10 dBm M92 -19.10 dBm M93 -19.10 dBm M94 -19.10 dBm M95 -19.10 dBm M96 -19.10 dBm M97 -19.10 dBm M98 -19.10 dBm M99 -19.10 dBm M100 -19.10 dBm M101 -19.10 dBm M102 -19.10 dBm M103 -19.10 dBm M104 -19.10 dBm M105 -19.10 dBm M106 -19.10 dBm M107 -19.10 dBm M108 -19.10 dBm M109 -19.10 dBm M110 -19.10 dBm M111 -19.10 dBm M112 -19.10 dBm M113 -19.10 dBm M114 -19.10 dBm M115 -19.10 dBm M116 -19.10 dBm M117 -19.10 dBm M118 -19.10 dBm M119 -19.10 dBm M120 -19.10 dBm M121 -19.10 dBm M122 -19.10 dBm M123 -19.10 dBm M124 -19.10 dBm M125 -19.10 dBm M126 -19.10 dBm M127 -19.10 dBm M128 -19.10 dBm M129 -19.10 dBm M130 -19.10 dBm M131 -19.10 dBm M132 -19.10 dBm M133 -19.10 dBm M134 -19.10 dBm M135 -19.10 dBm M136 -19.10 dBm M137 -19.10 dBm M138 -19.10 dBm M139 -19.10 dBm M140 -19.10 dBm M141 -19.10 dBm M142 -19.10 dBm M143 -19.10 dBm M144 -19.10 dBm M145 -19.10 dBm M146 -19.10 dBm M147 -19.10 dBm M148 -19.10 dBm M149 -19.10 dBm M150 -19.10 dBm M151 -19.10 dBm M152 -19.10 dBm M153 -19.10 dBm M154 -19.10 dBm M155 -19.10 dBm M156 -19.10 dBm M157 -19.10 dBm M158 -19.10 dBm M159 -19.10 dBm M160 -19.10 dBm M161 -19.10 dBm M162 -19.10 dBm M163 -19.10 dBm M164 -19.10 dBm M165 -19.10 dBm M166 -19.10 dBm M167 -19.10 dBm M168 -19.10 dBm M169 -19.10 dBm M170 -19.10 dBm M171 -19.10 dBm M172 -19.10 dBm M173 -19.10 dBm M174 -19.10 dBm M175 -19.10 dBm M176 -19.10 dBm M177 -19.10 dBm M178 -19.10 dBm M179 -19.10 dBm M180 -19.10 dBm M181 -19.10 dBm M182 -19.10 dBm M183 -19.10 dBm M184 -19.10 dBm M185 -19.10 dBm M186 -19.10 dBm M187 -19.10 dBm M188 -19.10 dBm M189 -19.10 dBm M190 -19.10 dBm M191 -19.10 dBm M192 -19.10 dBm M193 -19.10 dBm M194 -19.10 dBm M195 -19.10 dBm M196 -19.10 dBm M197 -19.10 dBm M198 -19.10 dBm M199 -19.10 dBm M200 -19.10 dBm M201 -19.10 dBm M202 -19.10 dBm M203 -19.10 dBm M204 -19.10 dBm M205 -19.10 dBm M206 -19.10 dBm M207 -19.10 dBm M208 -19.10 dBm M209 -19.10 dBm M210 -19.10 dBm M211 -19.10 dBm M212 -19.10 dBm M213 -19.10 dBm M214 -19.10 dBm M215 -19.10 dBm M216 -19.10 dBm M217 -19.10 dBm M218 -19.10 dBm M219 -19.10 dBm M220 -19.10 dBm M221 -19.10 dBm M222 -19.10 dBm M223 -19.10 dBm M224 -19.10 dBm M225 -19.10 dBm M226 -19.10 dBm M227 -19.10 dBm M228 -19.10 dBm M229 -19.10 dBm M230 -19.10 dBm M231 -19.10 dBm M232 -19.10 dBm M233 -19.10 dBm M234 -19.10 dBm M235 -19.10 dBm M236 -19.10 dBm M237 -19.10 dBm M238 -19.10 dBm M239 -19.10 dBm M240 -19.10 dBm M241 -19.10 dBm M242 -19.10 dBm M243 -19.10 dBm M244 -19.10 dBm M245 -19.10 dBm M246 -19.10 dBm M24
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