

APPENDIX REPORT

Project No.	SHT2207038201EW	Radio Specification	WIFI 5G
Test sample No.	YPHT22070382008	Model No.	CPE-0001
Start test date	2022-07-21	Finish date	2022-08-06
Temperature	25.9℃	Humidity	52%
Test Engineer	Xiaoqin Li	Auditor	Xiaodong Zheo

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	11.81	12.20	89.56	94.15	0.48	0.26	12.29	12.46	15.41	30.00	Pass
			CH _M	10.94	12.54	95.44	94.84	0.20	0.23	11.14	12.77	15.04		
			CH _H	11.03	13.08	89.56	93.57	0.48	0.29	11.51	13.37	15.56		
		802.11n	CH _L	11.96	12.10	95.41	94.81	0.20	0.23	12.16	12.33	15.26	30.00	Pass
			CH _M	11.13	12.31	95.41	92.37	0.20	0.34	11.33	12.65	15.07		
			CH _H	11.08	13.01	95.42	92.37	0.20	0.34	11.28	13.35	15.49		
		802.11a	CH _L	12.83	12.63	95.69	93.91	0.19	0.27	13.02	12.90	-	30.00	Pass
			CH _M	11.99	12.96	95.69	95.69	0.19	0.19	12.18	13.15	-		
			CH _H	12.05	13.61	93.99	89.09	0.27	0.50	12.32	14.11	-		
	40	802.11ac	CH _L	9.05	9.30	84.97	87.98	0.71	0.56	9.76	9.86	12.86	30.00	Pass
			CH _H	8.27	10.10	89.12	85.95	0.50	0.66	8.77	10.76	12.92		
		802.11n	CH _L	8.97	9.26	87.93	92.44	0.56	0.34	9.53	9.60	12.56	30.00	Pass
			CH _H	8.27	10.10	83.76	92.35	0.77	0.35	9.04	10.45	12.82		
	80	802.11ac	CH _M	5.89	6.98	66.67	70.52	1.76	1.52	7.65	8.50	11.13	30.00	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			
II	20	802.11ac	CH _L	12.27	13.36	92.98	95.44	0.32	0.20	12.59	13.56	16.14	24.00	Pass
			CH _M	12.33	13.10	95.44	92.98	0.20	0.32	12.53	13.42	15.98		
			CH _H	10.91	12.55	94.84	92.41	0.23	0.34	11.14	12.89	15.10		
		802.11n	CH _L	12.47	13.42	94.21	95.42	0.26	0.20	12.73	13.62	16.18	24.00	Pass
			CH _M	12.35	13.02	92.37	94.72	0.34	0.24	12.69	13.26	16.02		
			CH _H	10.95	12.51	94.12	92.95	0.26	0.32	11.21	12.83	15.08		
		802.11a	CH _L	13.20	13.94	95.61	95.03	0.19	0.22	13.39	14.16	-	24.00	Pass
			CH _M	13.06	13.62	91.14	95.69	0.40	0.19	13.46	13.81	-		
			CH _H	11.77	13.27	95.69	93.91	0.19	0.27	11.96	13.54	-		
	40	802.11ac	CH _L	9.53	10.50	85.95	91.39	0.66	0.39	10.19	10.89	13.57	24.00	Pass
			CH _H	8.49	9.85	82.00	82.99	0.86	0.81	9.35	10.66	13.11		
		802.11n	CH _L	9.71	10.46	87.85	85.71	0.56	0.67	10.27	11.13	13.73	24.00	Pass
			CH _H	8.45	9.78	88.99	90.09	0.51	0.45	8.96	10.23	12.65		
	80	802.11ac	CH _M	6.41	7.24	80.13	73.60	0.96	1.33	7.37	8.57	11.05	24.00	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			
III	20	802.11ac	CH _L	13.00	14.49	93.66	94.24	0.28	0.26	13.28	14.75	17.12	24.00	Pass
			CH _{M1}	13.52	14.44	93.57	94.75	0.29	0.23	13.81	14.67	17.28		
			CH _{M2}	12.24	12.67	94.84	96.06	0.23	0.17	12.47	12.84	15.66		
			CH _H	11.94	12.40	94.15	93.57	0.26	0.29	12.20	12.69	15.47		
		802.11n	CH _L	12.94	14.74	93.53	95.33	0.29	0.21	13.23	14.95	17.20	24.00	Pass
			CH _{M1}	13.45	14.46	92.95	96.03	0.32	0.18	13.77	14.64	17.23		
			CH _{M2}	11.99	12.81	95.42	92.37	0.20	0.34	12.19	13.15	15.74		
			CH _H	11.73	12.52	93.62	94.72	0.29	0.24	12.02	12.76	15.43		
		802.11a	CH _L	13.56	15.38	96.27	93.44	0.17	0.29	13.73	15.67	-	24.00	Pass
			CH _{M1}	14.14	15.24	93.91	95.69	0.27	0.19	14.41	15.43	-		
			CH _{M2}	12.81	13.51	93.99	94.47	0.27	0.25	13.08	13.76	-		
			CH _H	12.40	13.22	93.91	92.82	0.27	0.32	12.67	13.54	-		
	40	802.11ac	CH _L	10.47	11.74	87.98	83.00	0.56	0.81	11.03	12.55	14.88	24.00	Pass
			CH _{M1}	10.53	11.48	84.97	90.19	0.71	0.45	11.24	11.93	14.57		
			CH _{M2}	9.72	10.17	84.89	92.53	0.71	0.34	10.43	10.51	13.46		
			CH _H	9.51	9.92	92.53	85.87	0.34	0.66	9.85	10.58	13.27		
		802.11n	CH _L	10.44	11.71	87.93	84.81	0.56	0.72	11.00	12.43	14.77	24.00	Pass
			CH _{M1}	10.49	11.59	87.85	83.84	0.56	0.77	11.05	12.36	14.81		
			CH _{M2}	9.57	10.17	88.91	88.99	0.51	0.51	10.08	10.68	13.42		
			CH _H	9.35	10.04	87.84	87.85	0.56	0.56	9.91	10.60	13.27		
	80	802.11ac	CH _L	8.83	9.76	73.56	83.80	1.33	0.77	10.16	10.53	13.36	24.00	Pass
			CH _M	9.06	9.52	83.80	80.00	0.77	0.77	9.83	10.49	13.17		
			CH _H	7.95	8.21	72.01	75.07	1.43	1.43	9.38	9.46	12.46		

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	10.06	10.69	92.41	92.41	0.34	0.34	10.40	11.03	13.72	30.00	Pass
			CH _M	10.07	10.42	95.44	95.44	0.20	0.20	10.27	10.62	13.46		
			CH _H	10.46	10.50	94.15	93.57	0.26	0.29	10.72	10.79	13.76		
		802.11n	CH _L	10.02	10.63	94.12	91.80	0.26	0.37	10.28	11.00	13.67	30.00	Pass
			CH _M	10.18	10.38	94.72	94.81	0.24	0.23	10.42	10.61	13.51		
			CH _H	10.51	10.35	93.53	90.05	0.29	0.46	10.80	10.81	13.81		
		802.11a	CH _L	10.81	11.21	92.81	95.12	0.32	0.22	11.13	11.43	-	30.00	Pass
			CH _M	10.83	10.98	92.19	91.67	0.35	0.38	11.18	11.36	-		
			CH _H	11.16	11.06	96.27	95.04	0.17	0.22	11.33	11.28	-		
	40	802.11ac	CH _L	9.45	10.47	87.98	88.06	0.56	0.55	10.01	11.02	13.54	30.00	Pass
			CH _H	9.77	10.48	87.98	87.98	0.56	0.56	10.33	11.04	13.67		
		802.11n	CH _L	9.57	9.92	85.71	82.81	0.67	0.82	10.24	10.74	13.47	30.00	Pass
			CH _H	9.71	9.96	85.80	87.93	0.67	0.56	10.38	10.52	13.46		
	80	802.11ac	CH _M	7.92	8.00	85.76	83.80	0.67	0.77	8.59	8.77	11.71	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)		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	-0.65	0.41	89.56	94.15	0.48	0.26	-0.17	0.67	3.28	17.00	Pass
			CH _M	-0.95	0.54	95.44	94.84	0.20	0.23	-0.75	0.77	3.09		
			CH _H	-0.38	1.24	89.56	93.57	0.48	0.29	0.10	1.53	3.88		
		802.11n	CH _L	-0.48	0.42	95.41	94.81	0.20	0.23	-0.28	0.65	3.22	17.00	Pass
			CH _M	-0.67	0.87	95.41	92.37	0.20	0.34	-0.47	1.21	3.46		
			CH _H	-1.34	0.72	95.42	92.37	0.20	0.34	-1.14	1.06	3.11		
		802.11a	CH _L	0.60	1.20	95.69	93.91	0.19	0.27	0.79	1.47	-	17.00	Pass
			CH _M	0.34	1.68	95.69	95.69	0.19	0.19	0.53	1.87	-		
			CH _H	0.26	2.59	93.99	89.09	0.27	0.50	0.53	3.09	-		
	40	802.11ac	CH _L	-5.79	-5.71	84.97	87.98	0.71	0.56	-5.08	-5.15	-2.10	17.00	Pass
			CH _H	-6.22	-4.65	89.12	85.95	0.50	0.66	-5.72	-3.99	-1.76		
		802.11n	CH _L	-5.44	-4.87	87.93	92.44	0.56	0.34	-4.88	-4.53	-1.69	17.00	Pass
			CH _H	-6.54	-4.57	83.76	92.35	0.77	0.35	-5.77	-4.22	-1.92		
	80	802.11ac	CH _M	-11.33	-9.40	66.67	70.52	1.76	1.52	-9.57	-7.88	-5.63	17.00	Pass

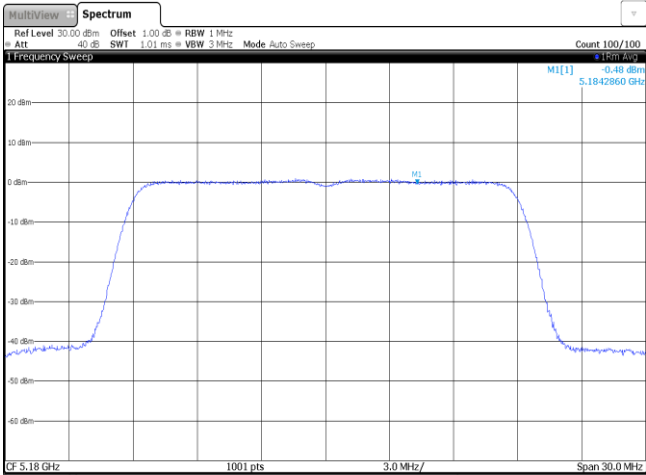
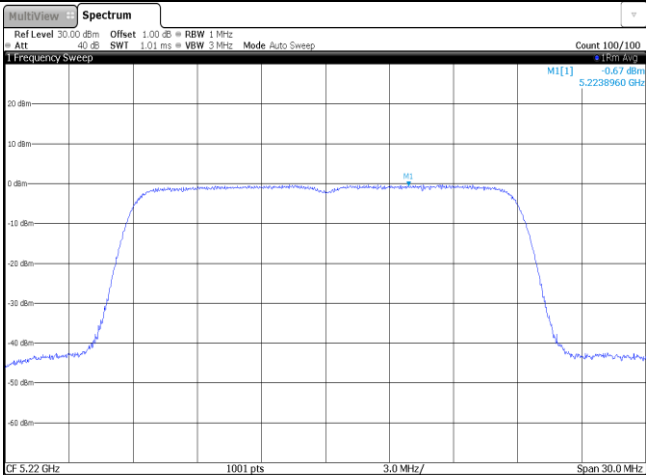
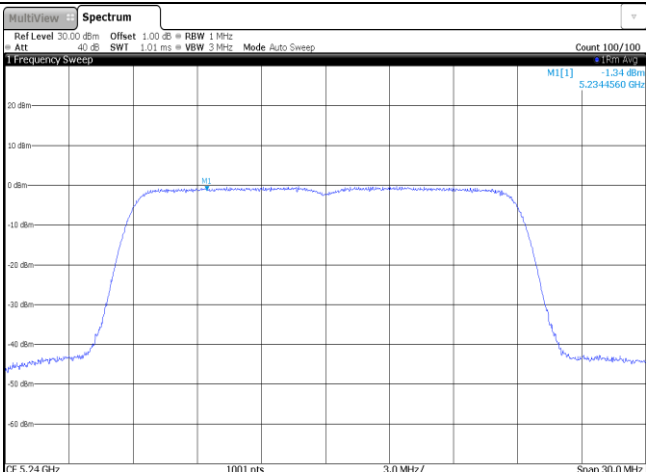
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Power Spectral Density (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
II	20	802.11ac	CH _L	0.03	1.37	92.98	95.44	0.32	0.20	0.35	1.57	4.01	11.00	Pass
			CH _M	0.30	1.08	95.44	92.98	0.20	0.32	0.50	1.40	3.98		
			CH _H	-1.04	0.25	94.84	92.41	0.23	0.34	-0.81	0.59	2.96		
		802.11n	CH _L	0.86	1.41	94.21	95.42	0.26	0.20	1.12	1.61	4.38	11.00	Pass
			CH _M	0.68	1.42	92.37	94.72	0.34	0.24	1.02	1.66	4.36		
			CH _H	-0.95	1.00	94.12	92.95	0.26	0.32	-0.69	1.32	3.44		
		802.11a	CH _L	1.88	2.16	95.61	95.03	0.19	0.22	2.07	2.38	-	11.00	Pass
			CH _M	0.76	1.78	91.14	95.69	0.40	0.19	1.16	1.97	-		
			CH _H	-0.07	1.68	95.69	93.91	0.19	0.27	0.12	1.95	-		
	40	802.11ac	CH _L	-5.40	-4.61	85.95	91.39	0.66	0.39	-4.74	-4.22	-1.46	11.00	Pass
			CH _H	-6.57	-5.14	82.00	82.99	0.86	0.81	-5.71	-4.33	-1.96		
		802.11n	CH _L	-4.93	-4.09	87.85	85.71	0.56	0.67	-4.37	-3.42	-0.86	11.00	Pass
			CH _H	-5.66	-4.31	88.99	90.09	0.51	0.45	-5.15	-3.86	-1.45		
	80	802.11ac	CH _M	-11.74	-11.27	80.13	73.60	0.96	1.33	-10.78	-9.94	-7.33	11.00	Pass

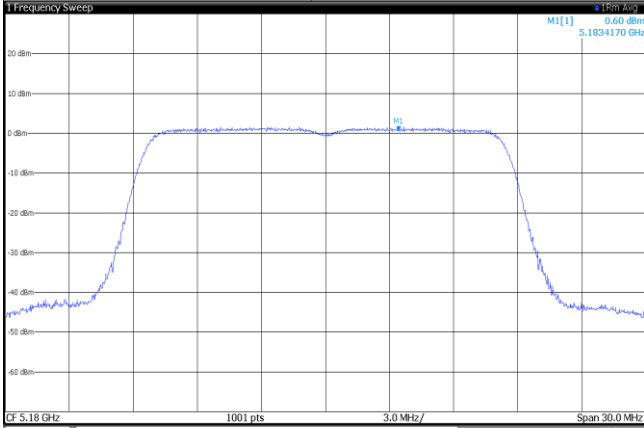
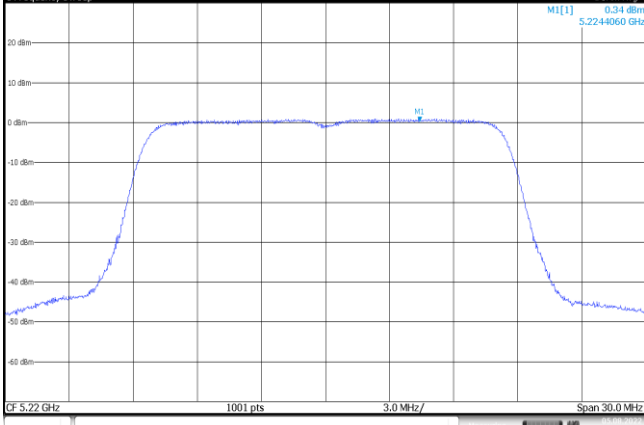
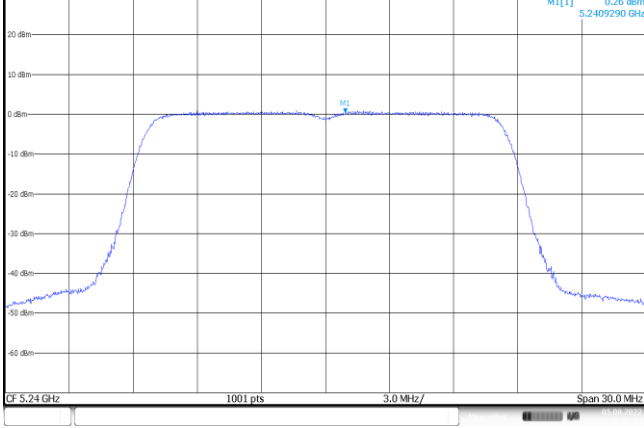
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Power Spectral Density (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
III	20	802.11ac	CH _L	0.97	3.07	93.66	94.24	0.28	0.26	1.25	3.33	5.42	11.00	Pass
			CH _M	1.35	2.64	93.57	94.75	0.29	0.23	1.64	2.87	5.31		
			CH _H	0.05	0.43	94.15	93.57	0.26	0.29	0.31	0.72	3.53		
		802.11n	CH _L	1.29	2.45	93.53	95.33	0.29	0.21	1.58	2.66	5.16	11.00	Pass
			CH _M	1.70	2.40	92.95	96.03	0.32	0.18	2.02	2.58	5.32		
			CH _H	-0.59	0.56	93.62	94.72	0.29	0.24	-0.30	0.80	3.30		
		802.11a	CH _L	2.01	3.84	96.27	93.44	0.17	0.29	2.18	4.13	-	11.00	Pass
			CH _M	2.22	3.49	93.91	95.69	0.27	0.19	2.49	3.68	-		
			CH _H	0.39	1.91	93.91	92.82	0.27	0.32	0.66	2.23	-		
	40	802.11ac	CH _L	-4.10	-3.21	87.98	83.00	0.56	0.81	-3.54	-2.40	0.08	11.00	Pass
			CH _M	-3.85	-2.56	84.97	90.19	0.71	0.45	-3.14	-2.11	0.42		
			CH _H	-5.05	-4.33	92.53	85.87	0.34	0.66	-4.71	-3.67	-1.15		
		802.11n	CH _L	-3.89	-2.27	87.93	84.81	0.56	0.72	-3.33	-1.55	0.66	11.00	Pass
			CH _M	-4.00	-2.94	87.85	83.84	0.56	0.77	-3.44	-2.17	0.25		
			CH _H	-4.66	-4.26	87.84	87.85	0.56	0.56	-4.10	-3.70	-0.89		
	80	802.11ac	CH _L	-9.15	-7.80	73.56	83.80	1.33	0.77	-7.82	-7.03	-4.40	11.00	Pass
			CH _H	-9.19	-8.72	72.01	75.07	1.43	1.25	-7.76	-7.47	-4.60		

Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor (dB)		Power Spectral Density (dBm/500kHz)		Total PSD (dBm/500k Hz)	Limit (dBm/500k Hz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
IV	20	802.11ac	CH _L	-4.54	-4.24	92.41	92.41	0.34	0.34	-4.20	-3.90	-1.04	30.00	Pass
			CH _M	-5.51	-4.21	95.44	95.44	0.20	0.20	-5.31	-4.01	-1.60		
			CH _H	-4.85	-4.11	94.15	93.57	0.26	0.29	-4.59	-3.82	-1.18		
		802.11n	CH _L	-4.88	-3.82	94.12	91.80	0.26	0.37	-4.62	-3.45	-0.99	30.00	Pass
			CH _M	-4.74	-4.47	94.72	94.81	0.24	0.23	-4.50	-4.24	-1.36		
			CH _H	-3.87	-4.52	93.53	90.05	0.29	0.46	-3.58	-4.06	-0.80		
		802.11a	CH _L	-3.66	-3.38	92.81	95.12	0.32	0.22	-3.34	-3.16	-	30.00	Pass
			CH _M	-4.59	-3.71	92.19	91.67	0.35	0.38	-4.24	-3.33	-		
			CH _H	-2.92	-3.53	96.27	95.04	0.17	0.22	-2.75	-3.31	-		
	40	802.11ac	CH _L	-7.75	-7.23	87.98	88.06	0.56	0.55	-7.19	-6.68	-3.92	30.00	Pass
			CH _H	-7.35	-7.18	87.98	87.98	0.56	0.56	-6.79	-6.62	-3.69		
		802.11n	CH _L	-7.77	-7.40	85.71	82.81	0.67	0.82	-7.10	-6.58	-3.82	30.00	Pass
			CH _H	-7.96	-7.92	85.80	87.93	0.67	0.56	-7.29	-7.36	-4.32		
	80	802.11ac	CH _M	-12.55	-10.93	85.76	83.80	0.67	0.77	-11.88	-10.16	-7.93	30.00	Pass

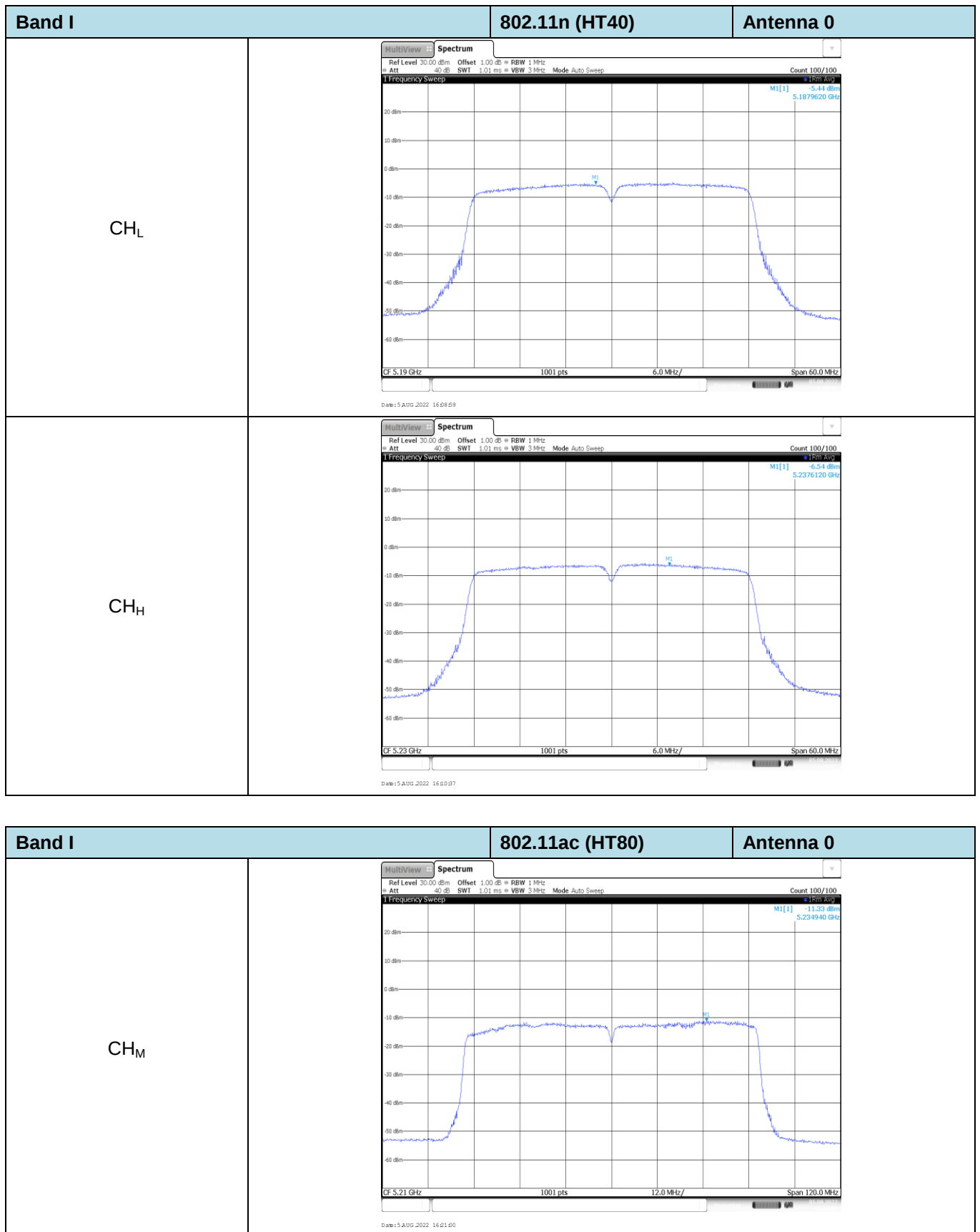
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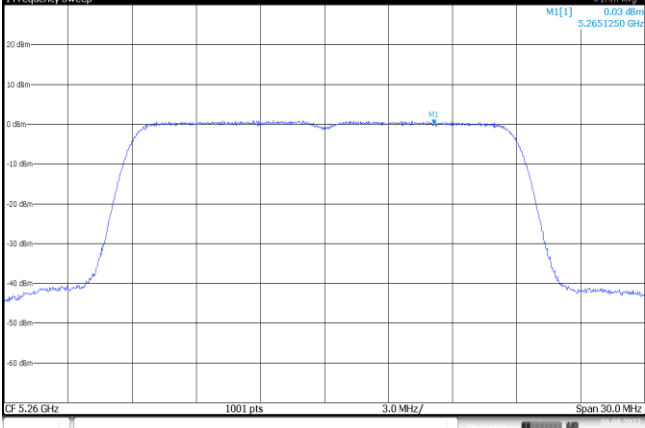
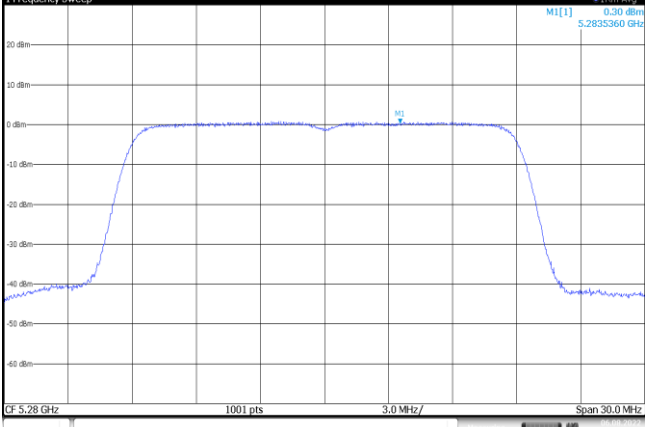
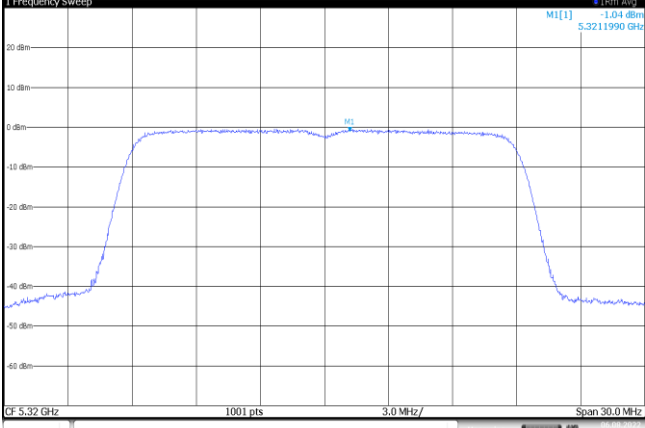
Band I		802.11ac (HT20)	Antenna 0
CH _L			

Band I	802.11n (HT20)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Freq Sweep M1[1] -0.48 dBm 5.1842860 GHz  CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG.2022 16:04:29	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Freq Sweep M1[1] -0.67 dBm 5.2238960 GHz  CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG.2022 16:05:05	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Freq Sweep M1[1] -1.34 dBm 5.2344560 GHz  CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG.2022 16:07:03	

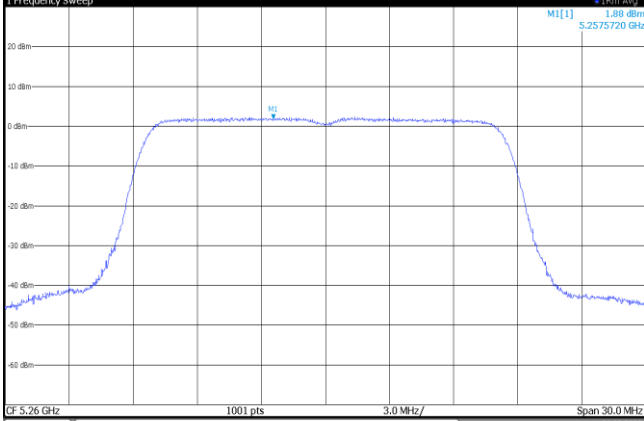
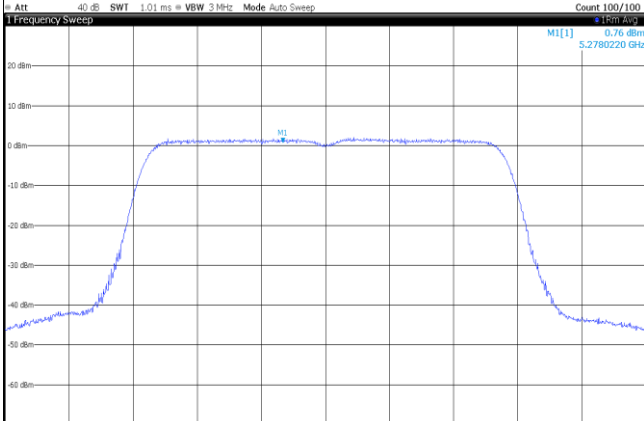
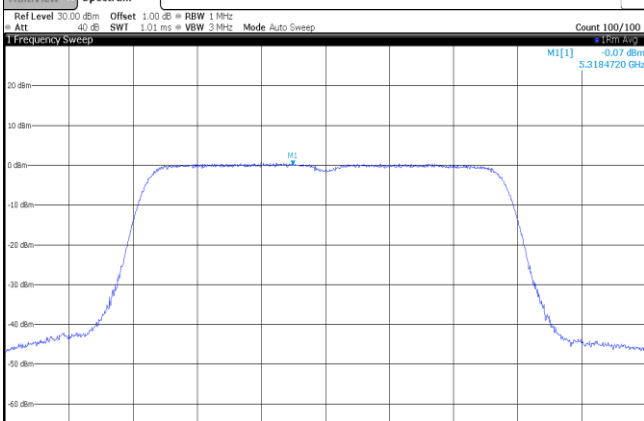
Band I	802.11a	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.60 dBm 5.1834170 GHz  CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG.2022 15:57:53	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.34 dBm 5.2244060 GHz  CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG.2022 15:59:41	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.26 dBm 5.2409290 GHz  CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG.2022 16:01:43	

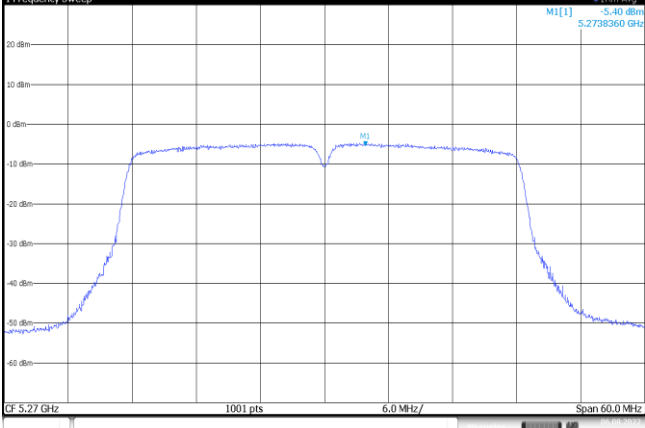
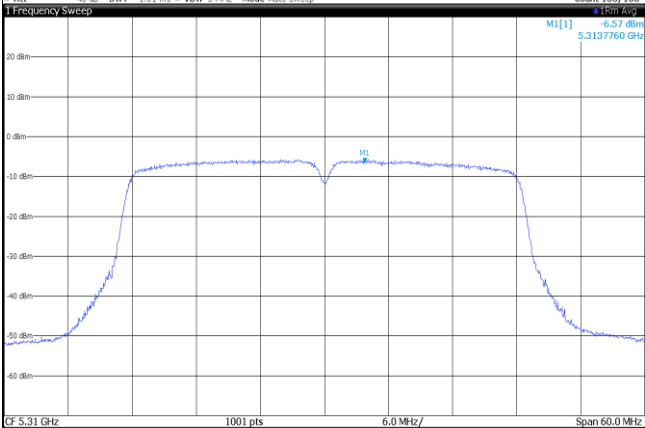
Band I		802.11ac (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -5.79 dBm 5.1923980 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.19 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 5 AUG 2022 16:17:46		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -6.22 dBm 5.2369530 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.23 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 5 AUG 2022 16:18:54		

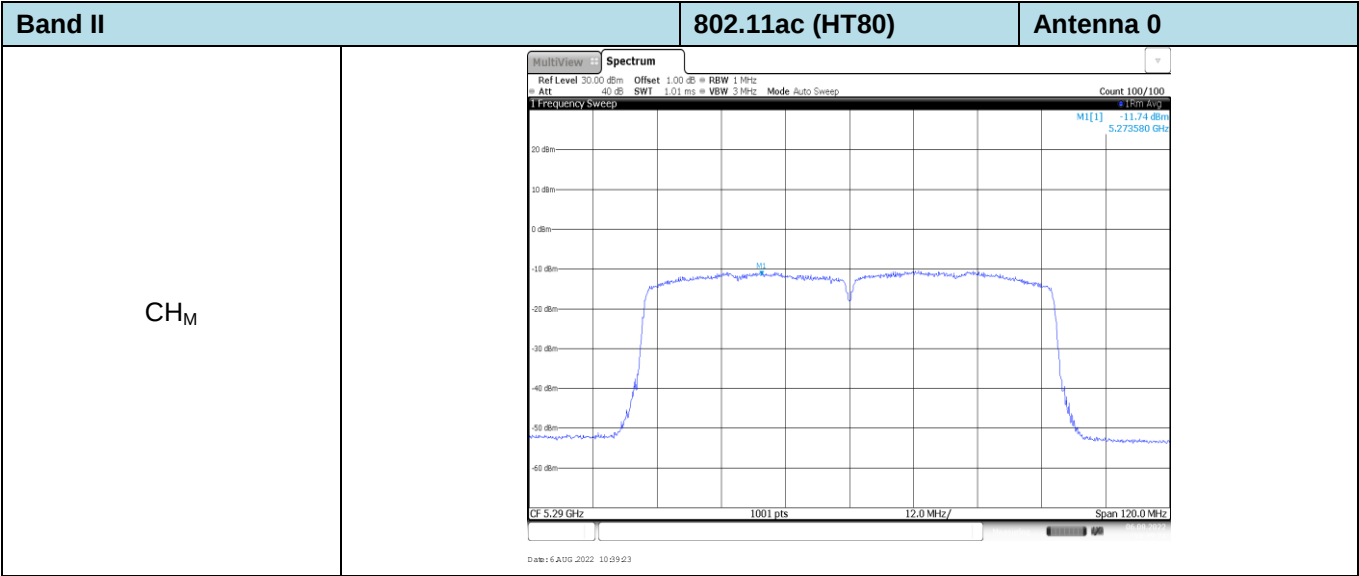
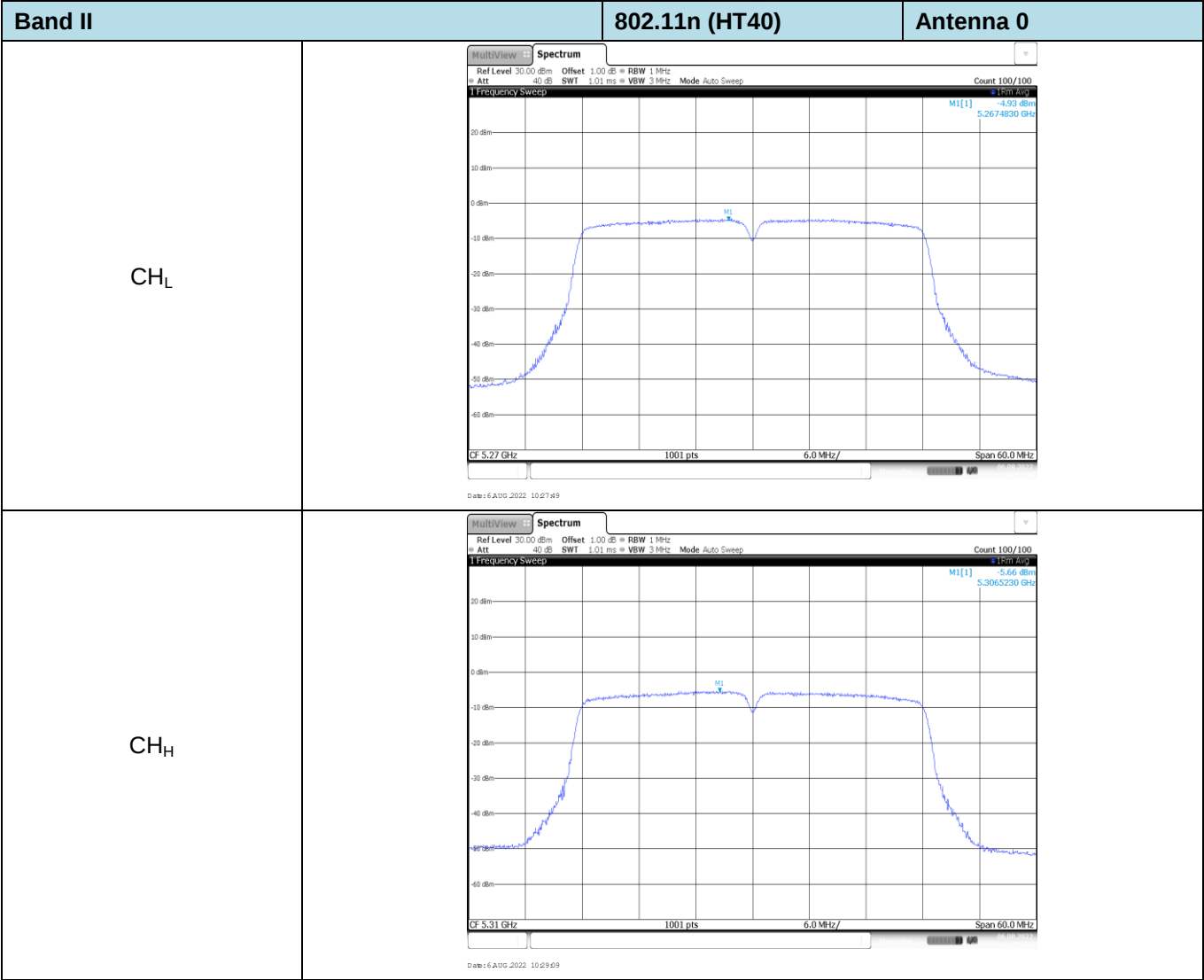


Band II		802.11ac (HT20)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.03 dBm 5.2651250 GHz  CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:21:54		
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.30 dBm 5.2835360 GHz  CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:22:00		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -1.04 dBm 5.3211990 GHz  CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:24:11		

Band II	802.11n (HT20)		Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1 0.86 dBm 5.2581120 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:29:00		
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1 0.68 dBm 5.2823680 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:21:01		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1 -0.95 dBm 5.3181120 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:25:23		

Band II	802.11a	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.88 dBm 5.2575720 GHz  CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:44:22	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.76 dBm 5.2780220 GHz  CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:46:15	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -0.07 dBm 5.3184720 GHz  CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:47:49	

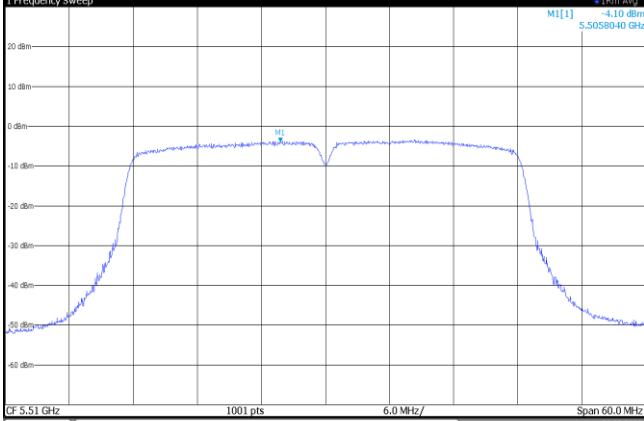
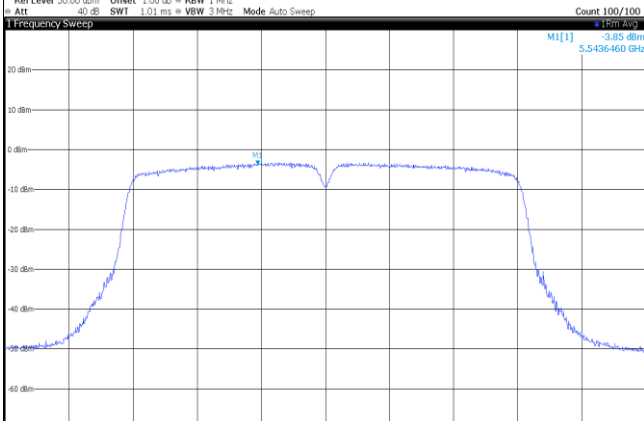
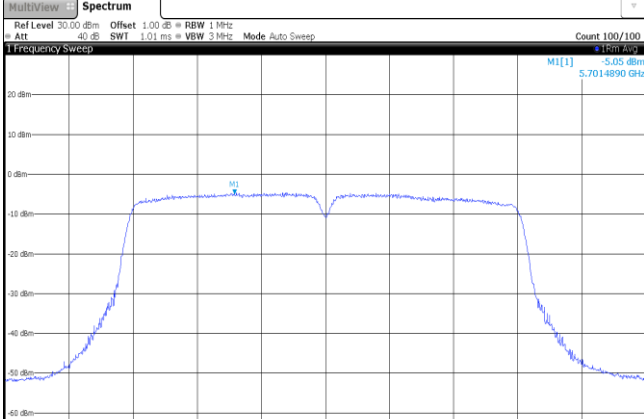
Band II		802.11ac (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Att 40.00 Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] -5.40 dBm 5.2738360 GHz  CF 5.27 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 10:26:19		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Att 40.00 Offset 1.00 dB RBW 1 MHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] -6.57 dBm 5.3137760 GHz  CF 5.31 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 10:27:27		



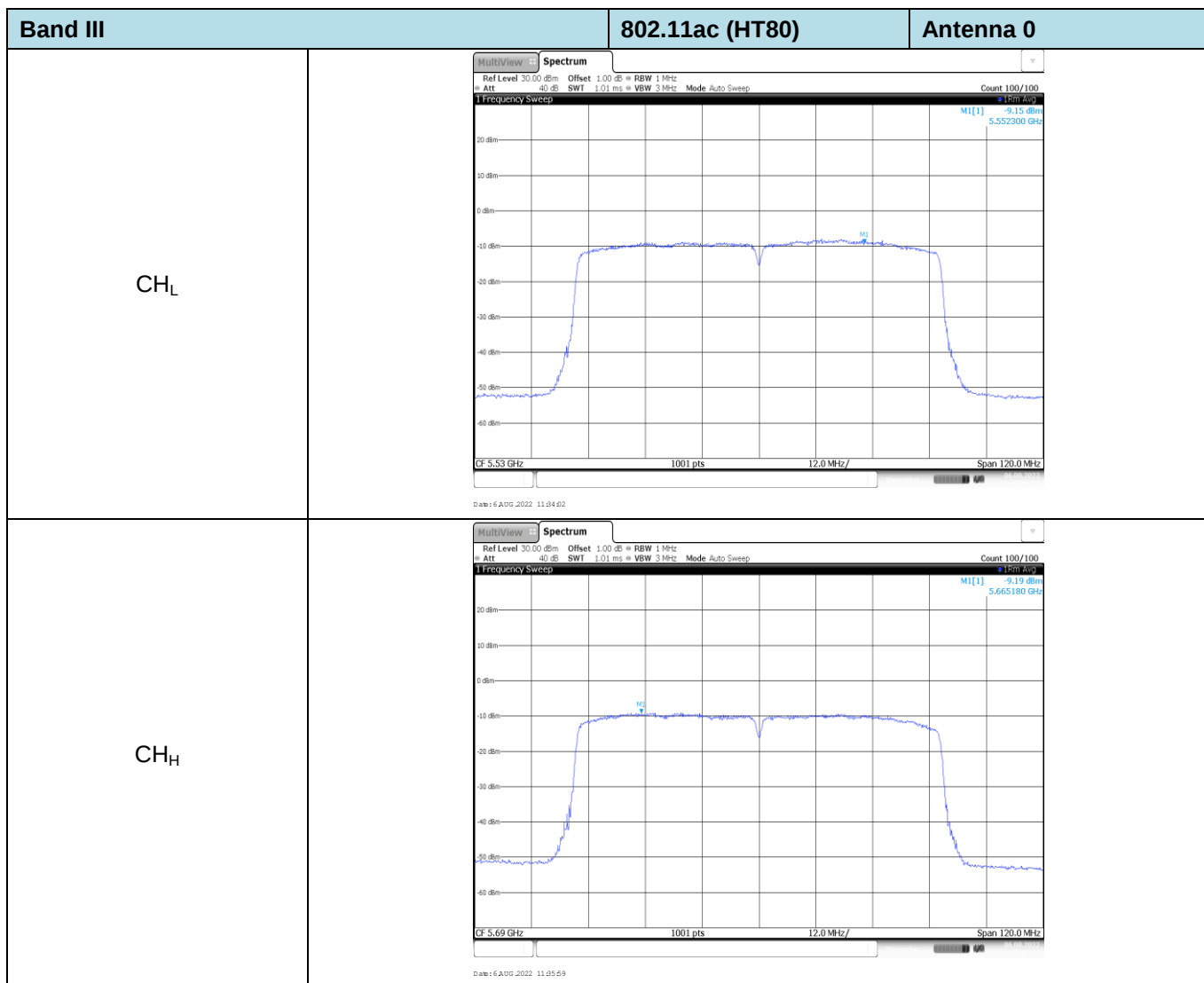
Band III	802.11ac (HT20)		Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.97 dBm 5.5025470 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:21:26		
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.35 dBm 5.5820980 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:23:13		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.05 dBm 5.7171830 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:25:39		

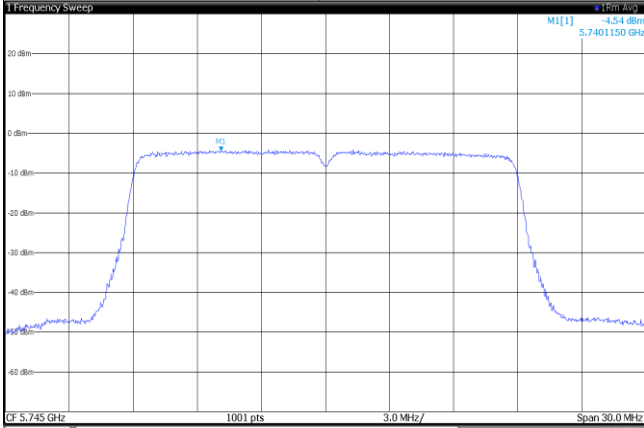
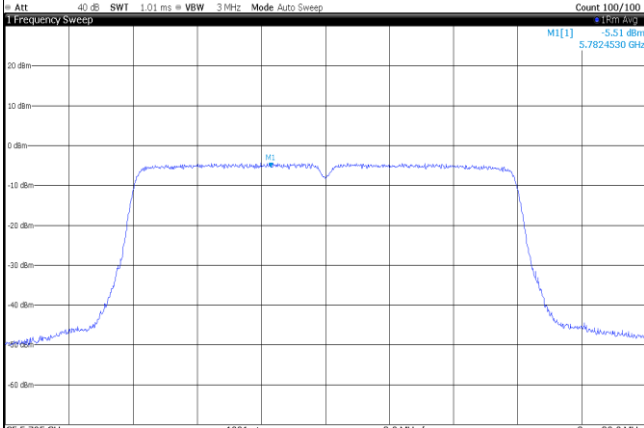
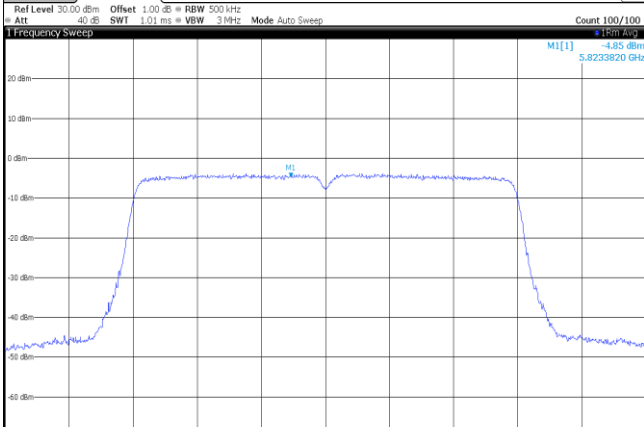
Band III	802.11n (HT20)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.29 dBm 5.5046150 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:29:40	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.70 dBm 5.5811990 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:40:59	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -0.59 dBm 5.7150550 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:43:46	

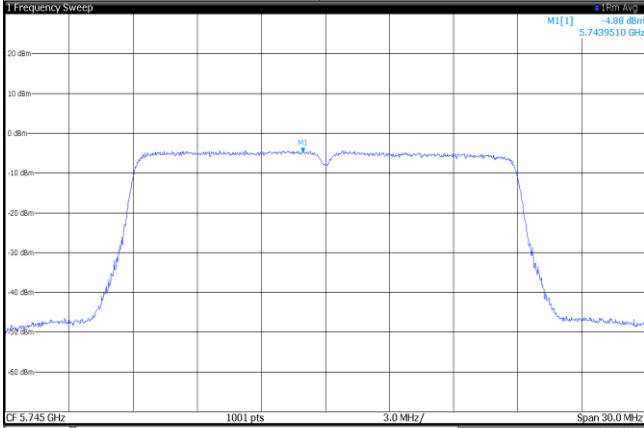
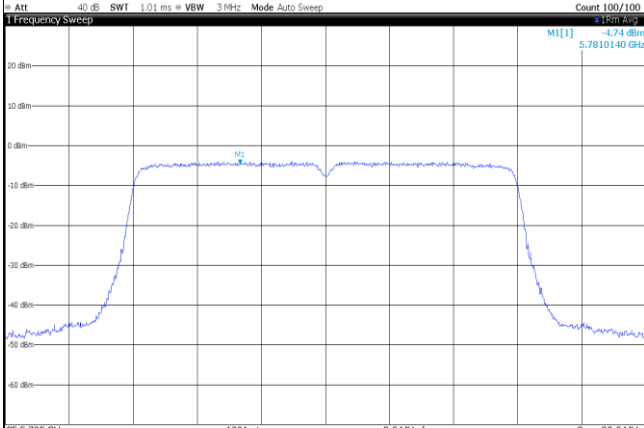
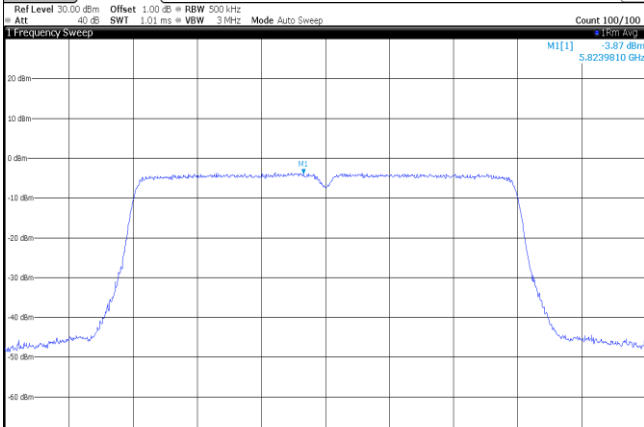
Band III	802.11a	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.01 dBm 5.5054850 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:03:13	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.22 dBm 5.5832970 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:04:05	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.39 dBm 5.7188310 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:07:41	

Band III	802.11ac (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 11m Avg M1[1] -4.10 dBm 5.5058040 GHz Frequency Sweep  CF 5.51 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 11:27:38	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 11m Avg M1[1] -3.85 dBm 5.5436460 GHz Frequency Sweep  CF 5.55 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 11:28:56	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 11m Avg M1[1] -5.05 dBm 5.7014890 GHz Frequency Sweep  CF 5.71 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 11:29:25	

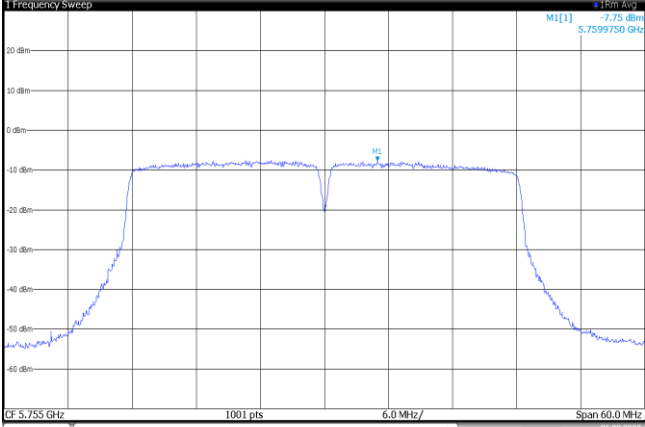
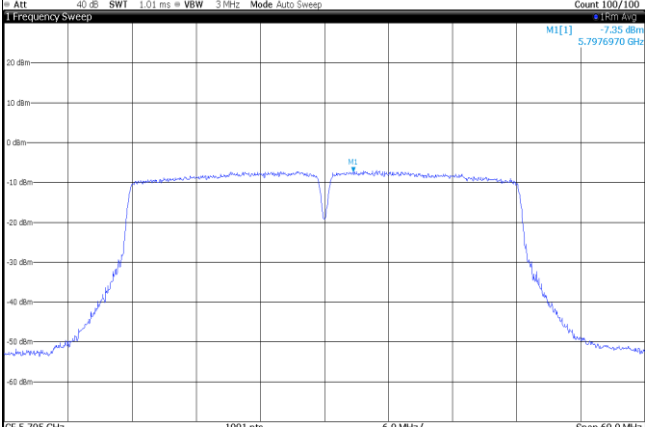
Band III	802.11n (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -3.89 dBm 5.5183320 GHz CF 5.51 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 11:55:19	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -4.00 dBm 5.5474230 GHz CF 5.55 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 11:56:17	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -4.66 dBm 5.7062240 GHz CF 5.71 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 11:59:07	

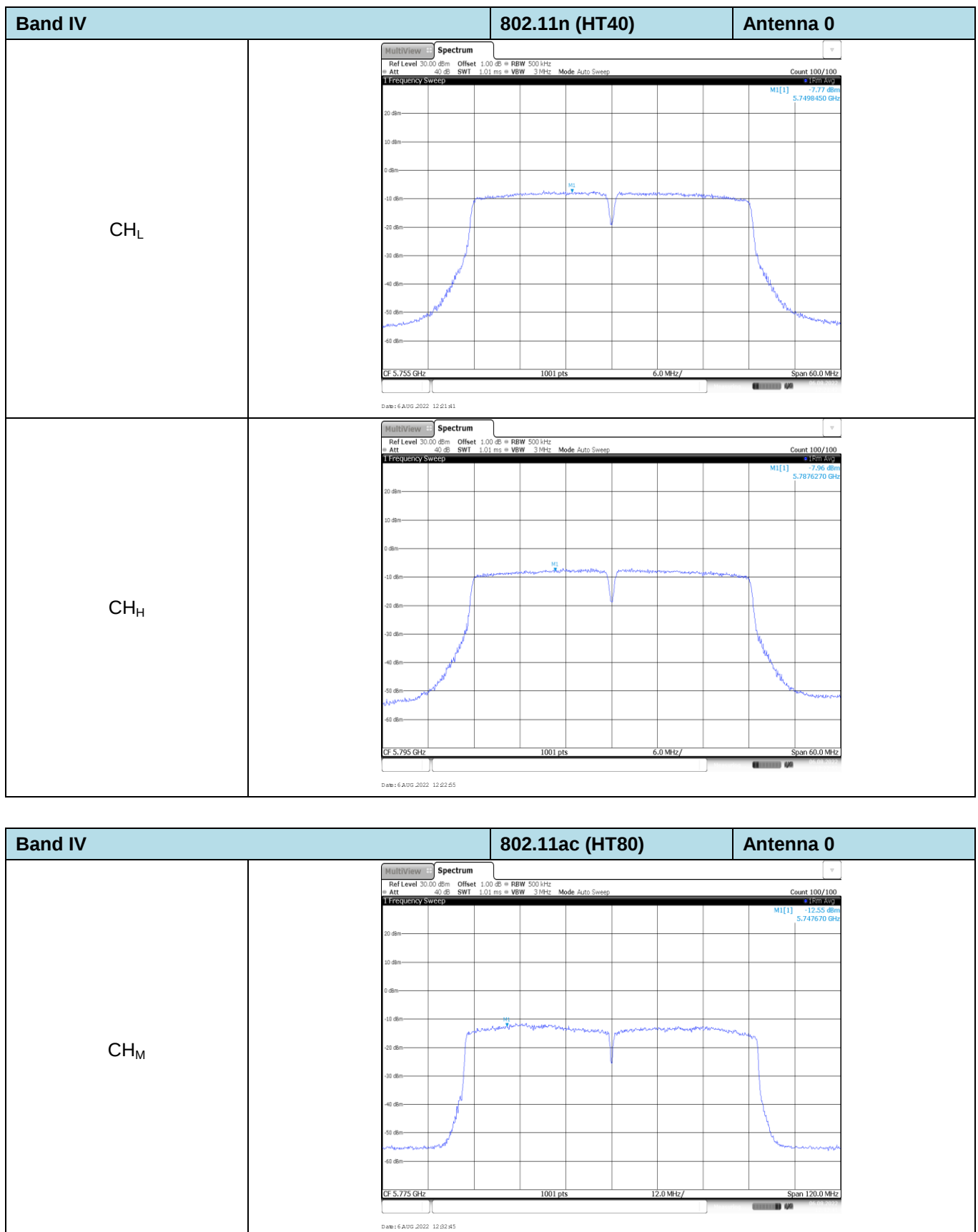


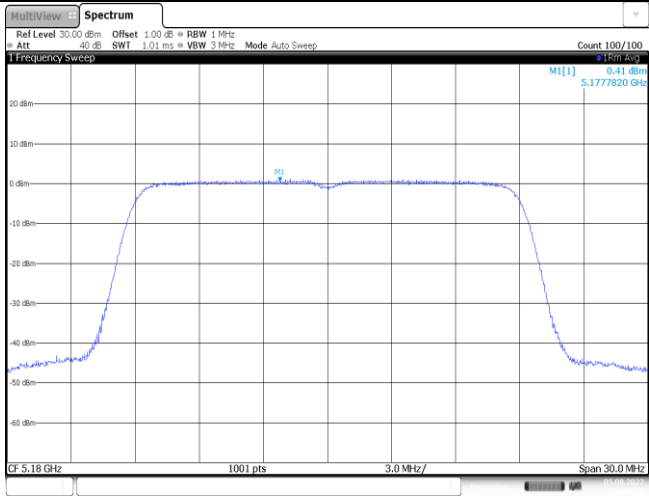
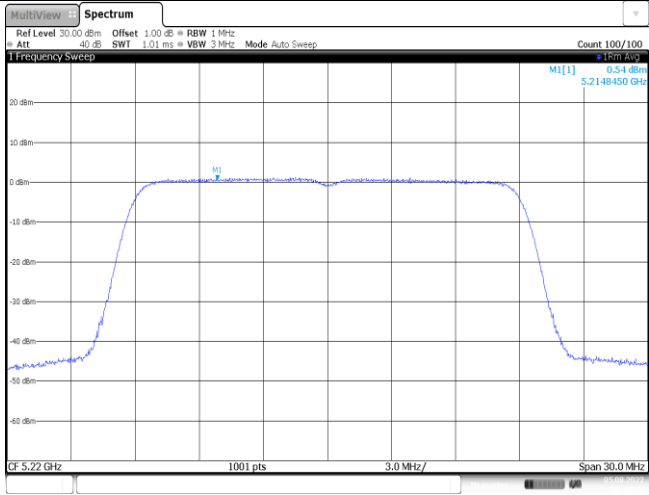
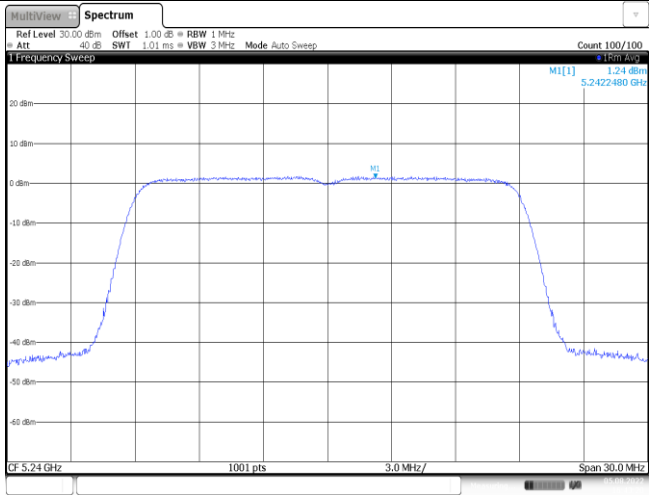
Band IV	802.11ac (HT20)		Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -4.54 dBm 5.7401150 GHz  CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:24:45		
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -5.51 dBm 5.7824530 GHz  CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:25:54		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -4.85 dBm 5.8233820 GHz  CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:27:08		

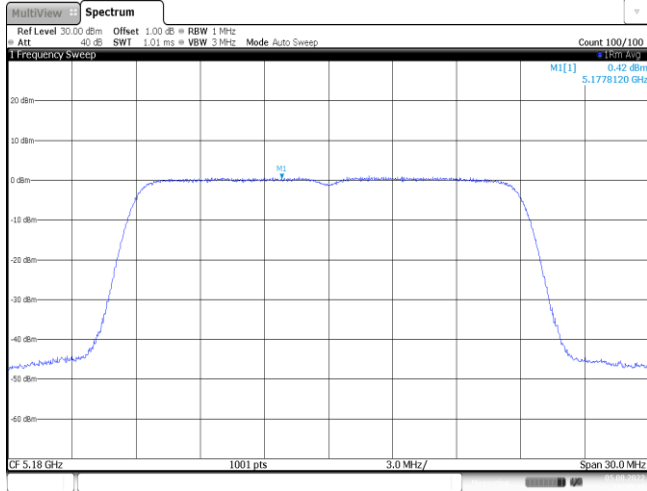
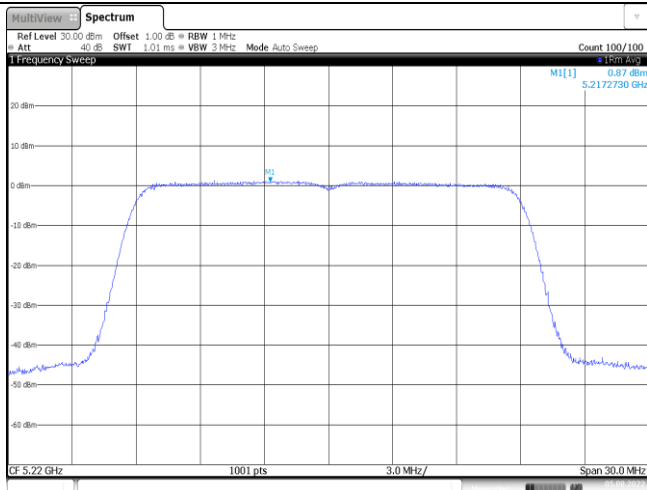
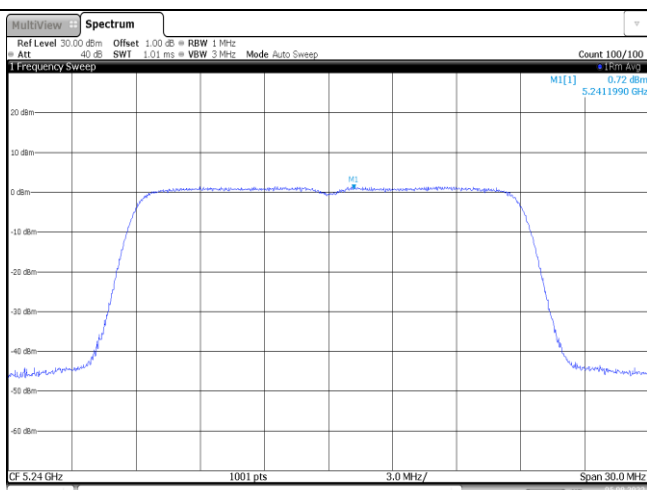
Band IV	802.11n (HT20)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -4.88 dBm 5.7439510 GHz  CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:26:25	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -4.74 dBm 5.7810140 GHz  CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:27:50	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -3.87 dBm 5.8239810 GHz  CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:29:18	

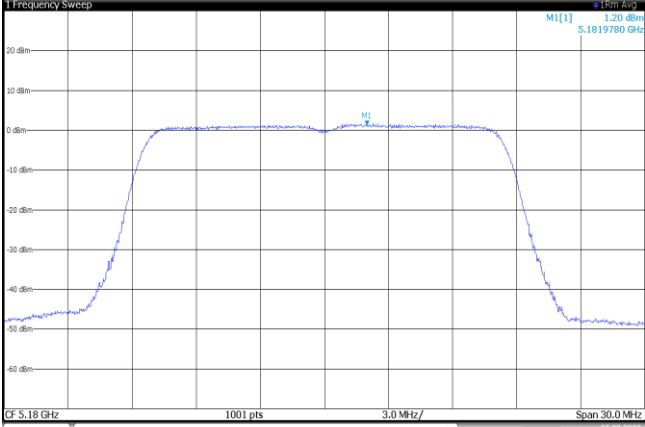
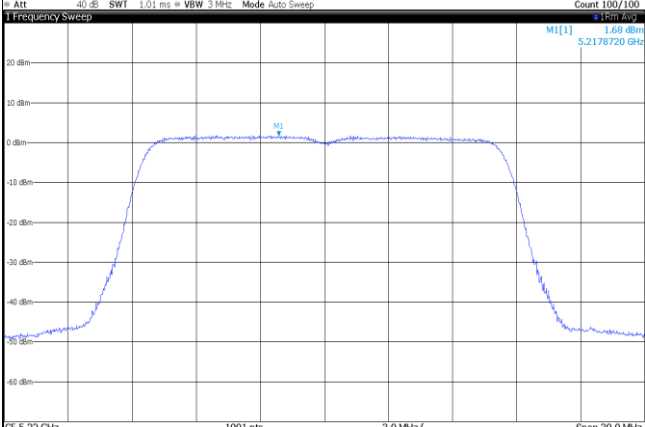
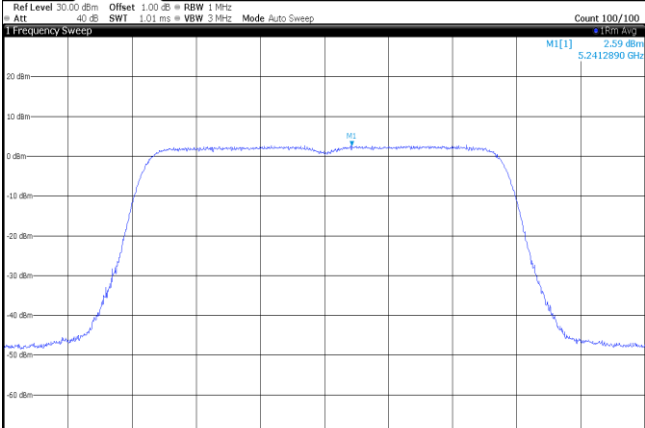
Band IV	802.11a	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz ATT 40.0 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -3.66 dBm 5.7415830 GHz CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:22:16	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz ATT 40.0 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -4.59 dBm 5.7910840 GHz CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:23:28	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz ATT 40.0 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] -2.92 dBm 5.8213740 GHz CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:24:35	

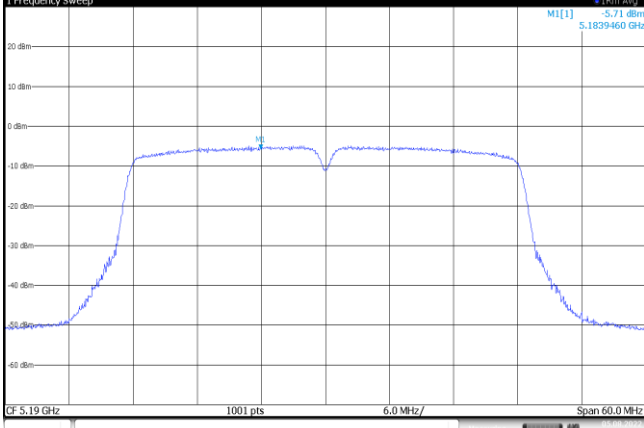
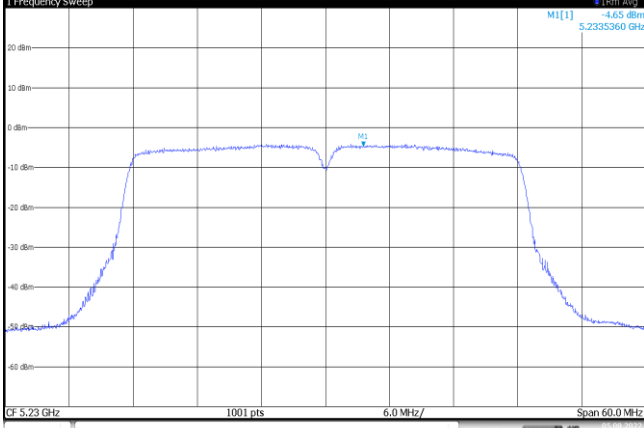
Band IV		802.11ac (HT40)	Antenna 0
CH _L	MultiView Spectrum Ref Level 30.00 dBm Att 40.00 Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg M1[1] -7.75 dBm 5.7599750 GHz  The spectrum plot for the CH_L channel shows a signal spanning from approximately 5.75 GHz to 5.80 GHz. The signal level is around -10 dBm, with a notch at 5.77 GHz. The plot includes a grid and various measurement parameters. CF 5.755 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 12:29:00		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Att 40.00 Offset 1.00 dB RBW 500 kHz SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg M1[1] -7.35 dBm 5.7976970 GHz  The spectrum plot for the CH_H channel shows a signal spanning from approximately 5.79 GHz to 5.80 GHz. The signal level is around -10 dBm, with a notch at 5.797 GHz. The plot includes a grid and various measurement parameters. CF 5.795 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 12:29:15		

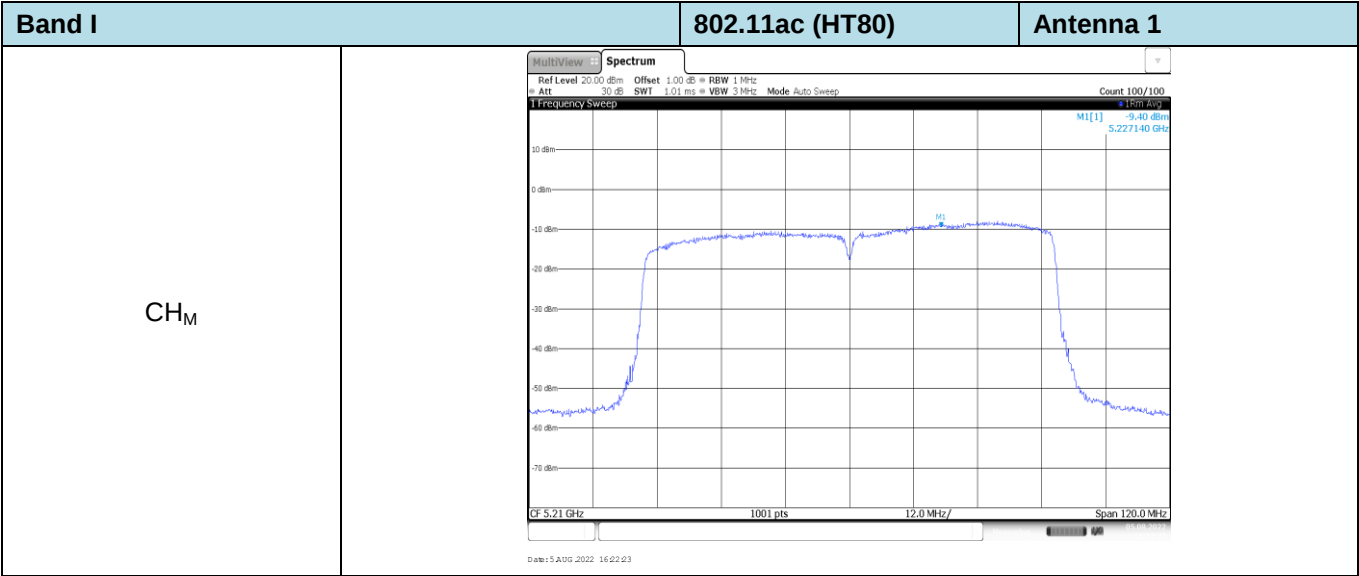
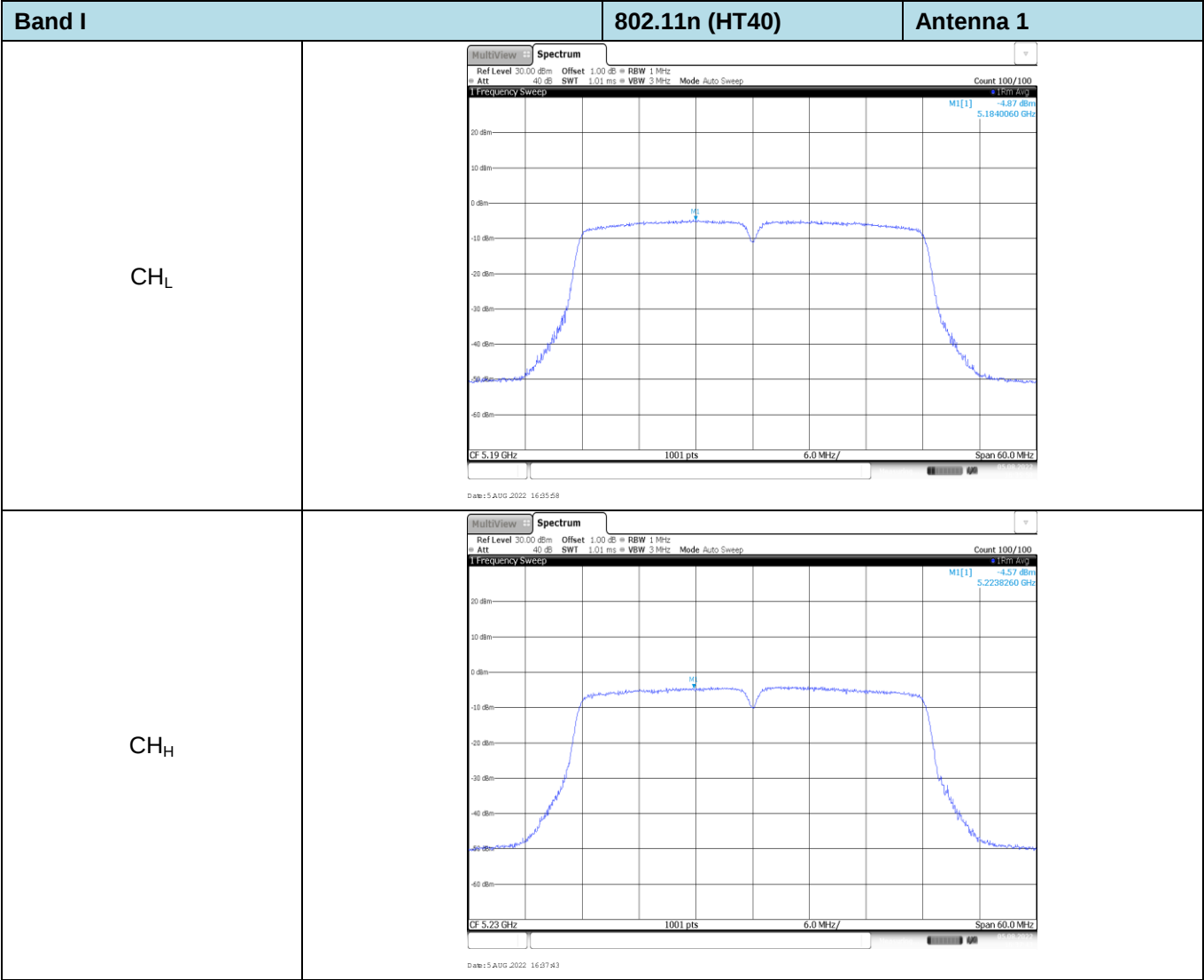


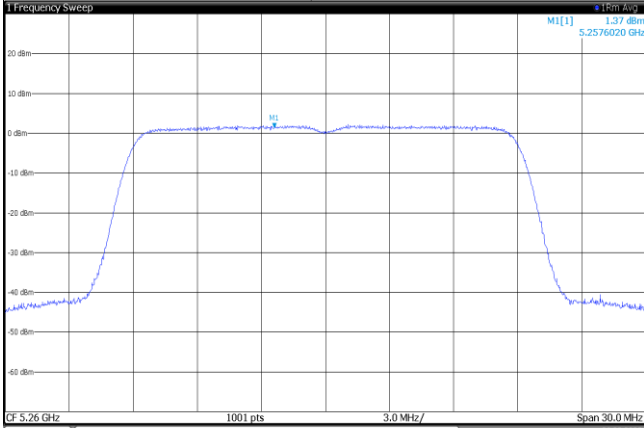
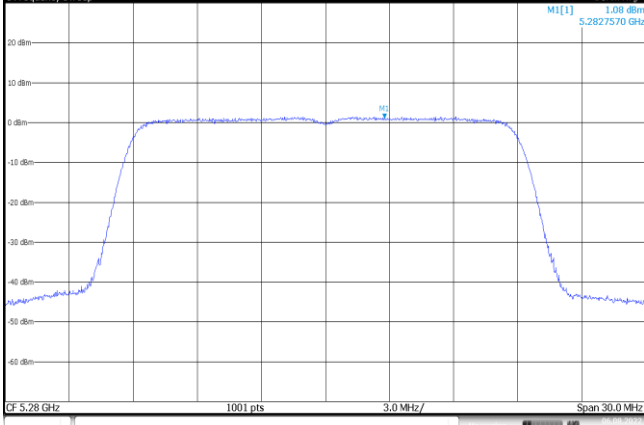
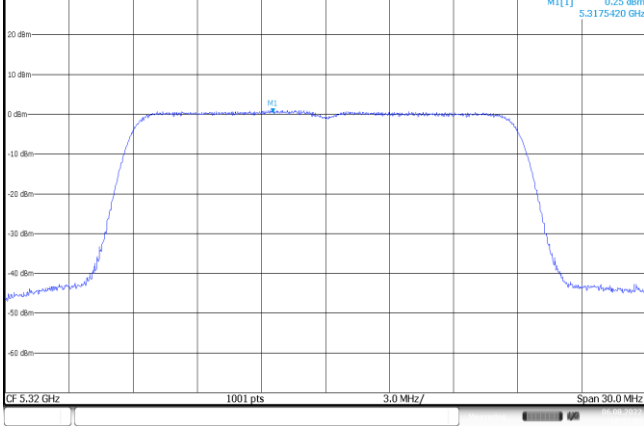
Band I	802.11ac (HT20)	Antenna 1
CH _L	 MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.41 dBm 5.177820 GHz CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5 AUG 2022 16:40:05	
CH _M	 MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.54 dBm 5.2148450 GHz CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5 AUG 2022 16:41:20	
CH _H	 MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.24 dBm 5.2422480 GHz CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5 AUG 2022 16:43:20	

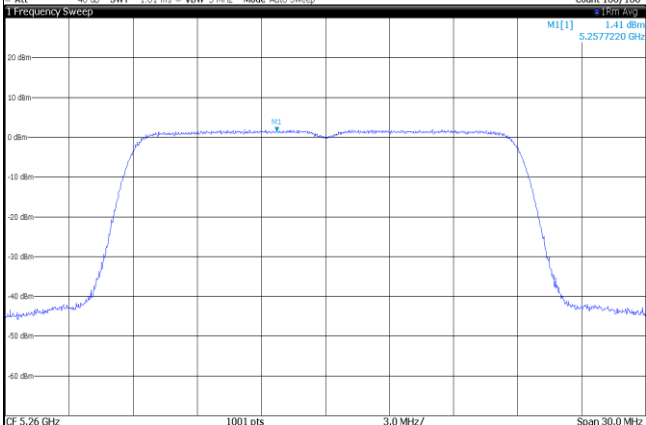
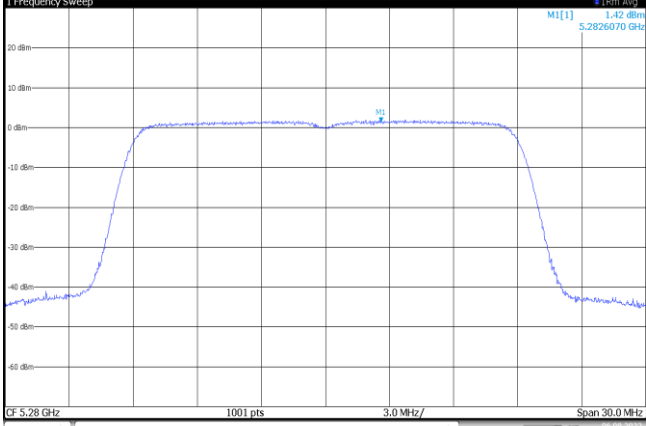
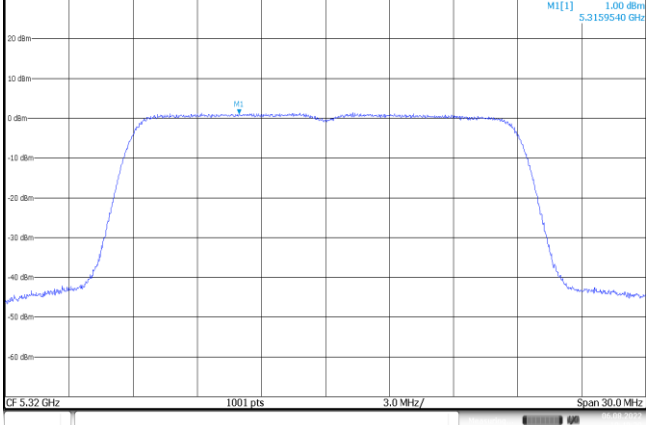
Band I	802.11n (HT20)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz ATT 40.0 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15.2 dBm M1[1] 8.42 dBm 5.1778120 GHz  GF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5 AUG 2022 16:00:46	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz ATT 40.0 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15.2 dBm M1[1] 8.97 dBm 5.2172730 GHz  GF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5 AUG 2022 16:01:57	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz ATT 40.0 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15.2 dBm M1[1] 8.72 dBm 5.2411990 GHz  GF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5 AUG 2022 16:03:43	

Band I	802.11a	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] 1.20 dBm 5.1819780 GHz  CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG 2022 16:25:44	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] 1.68 dBm 5.2178720 GHz  CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG 2022 16:26:50	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] 2.59 dBm 5.2412890 GHz  CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 5.AUG 2022 16:28:30	

Band I		802.11ac (HT40)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40.00 SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 PM Avg Frequency Sweep M1[1] -5.71 dBm 5.1839460 GHz  CF 5.19 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 5 AUG 2022 16:45:06		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40.00 SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 PM Avg Frequency Sweep M1[1] -4.65 dBm 5.2335360 GHz  CF 5.23 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 5 AUG 2022 16:46:08		

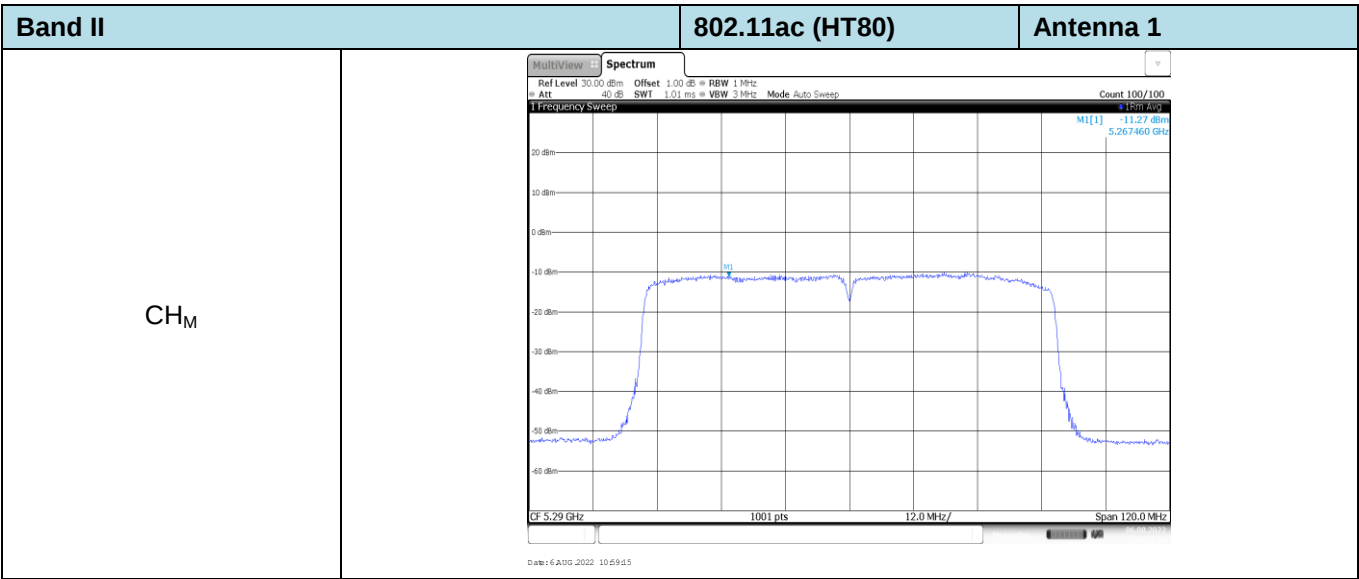
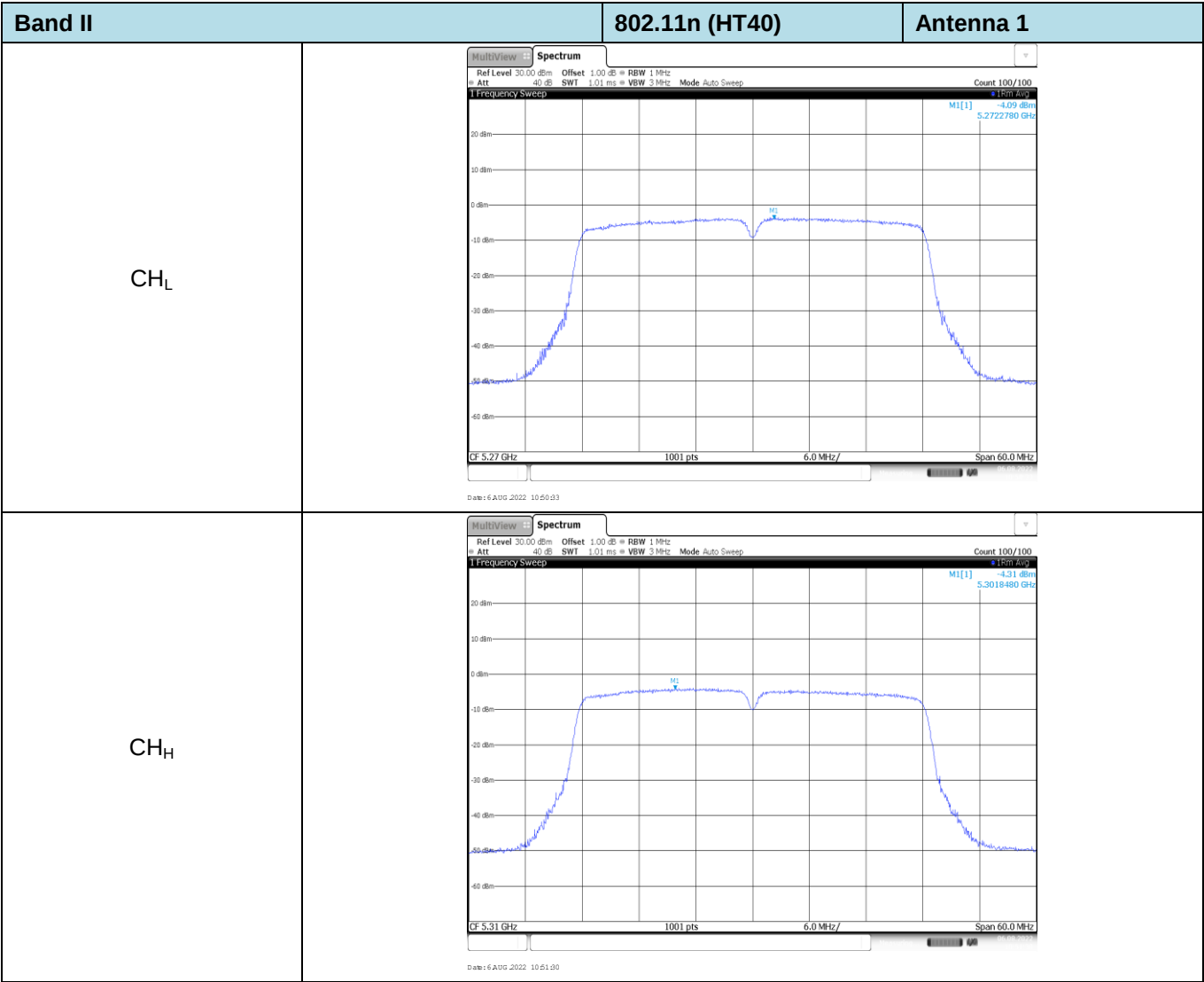


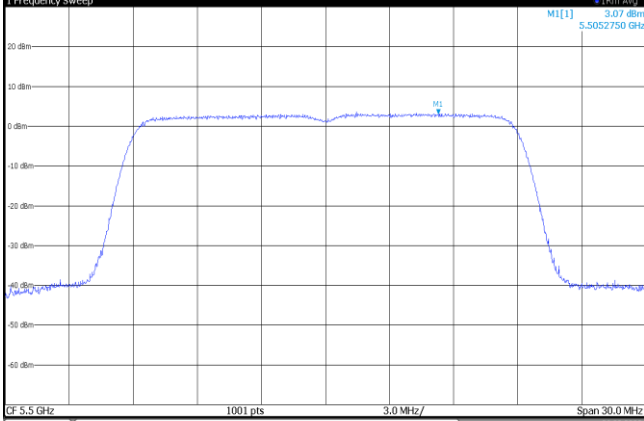
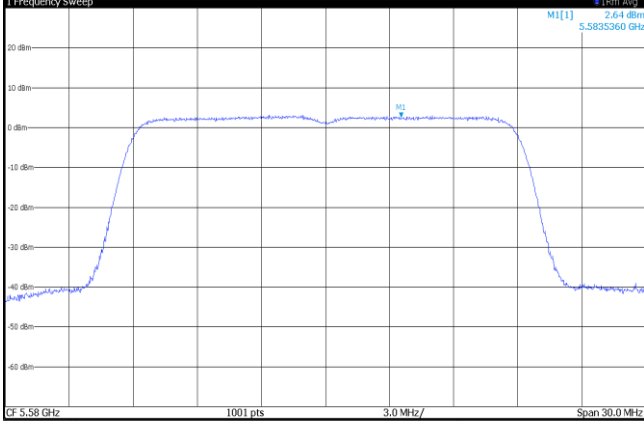
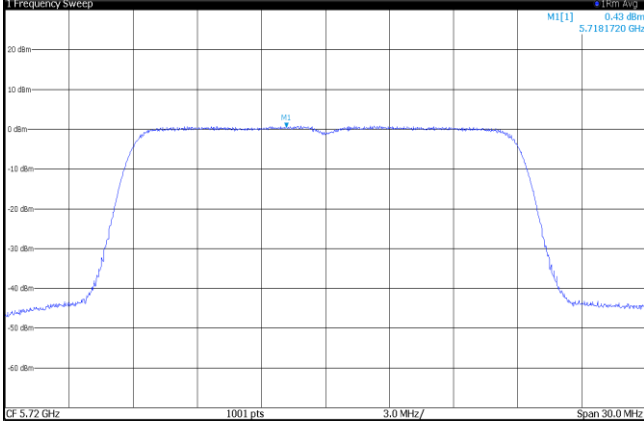
Band II	802.11ac (HT20)		Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.37 dBm 5.2576020 GHz  CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:53:54		
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.08 dBm 5.2827570 GHz  CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:54:03		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.25 dBm 5.3175420 GHz  CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:55:00		

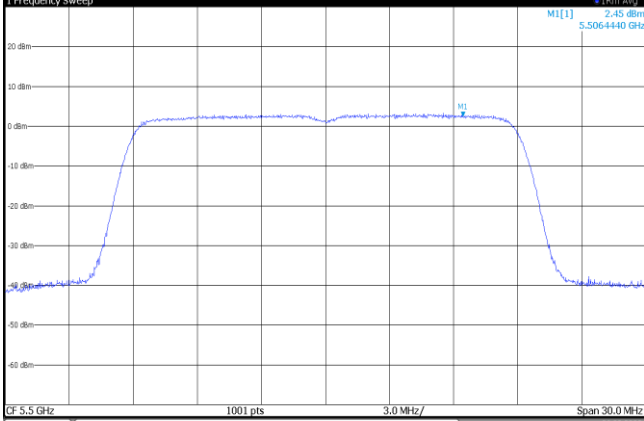
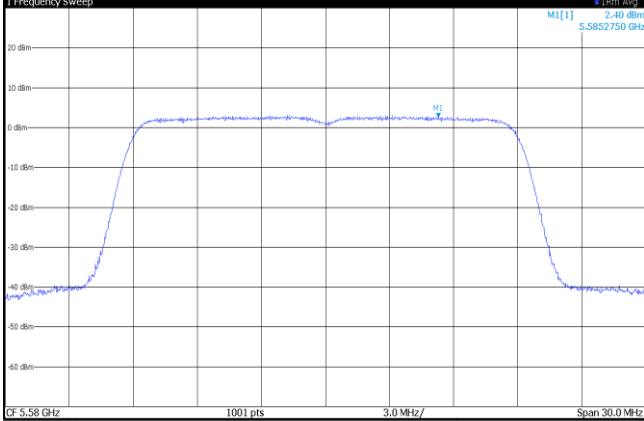
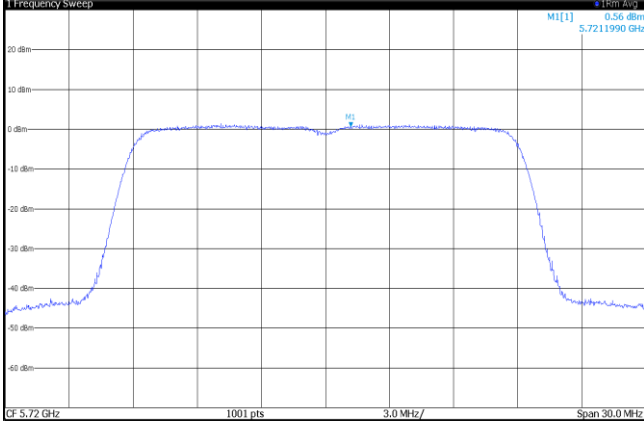
Band II	802.11n (HT20)		Antenna 1
CH _L	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1Frm Avg M1[1] 1.41 dBm 5.2577220 GHz  CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:46:16		
CH _M	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1Frm Avg M1[1] 1.42 dBm 5.2826070 GHz  CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:47:19		
CH _H	MultiViewSpectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWF 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1Frm Avg M1[1] 1.00 dBm 5.3159540 GHz  CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:48:01		

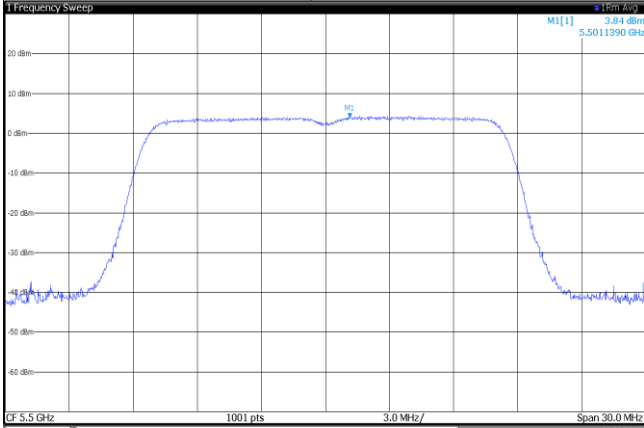
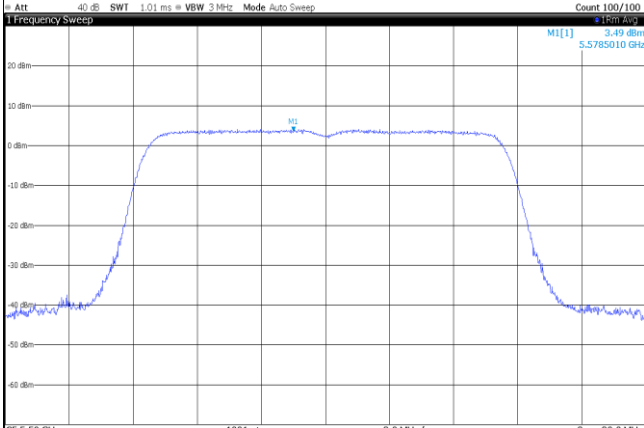
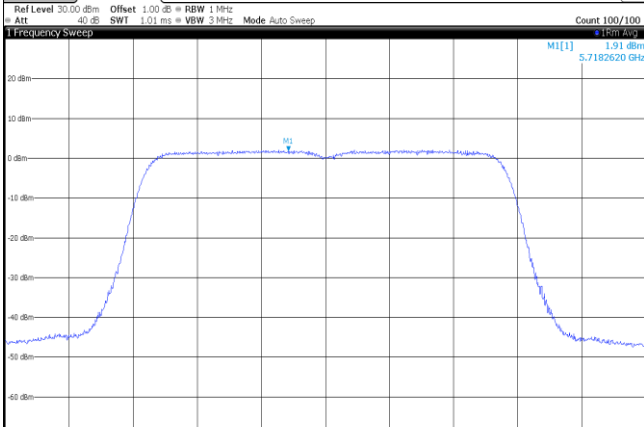
Band II	802.11a	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.16 dBm 5.2652450 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.26 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:42:49	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.78 dBm 5.2775720 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.28 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:43:09	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.68 dBm 5.3184120 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.32 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 10:44:57	

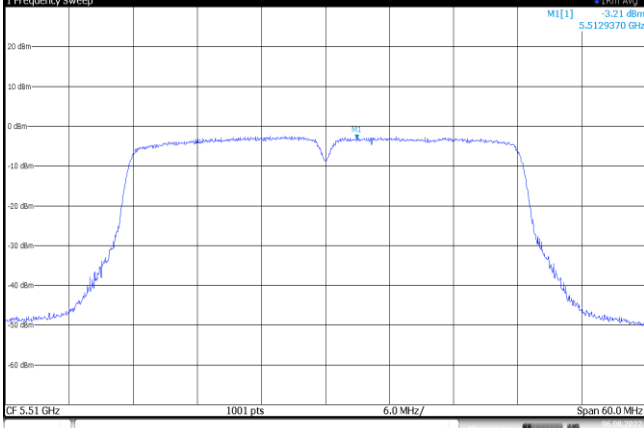
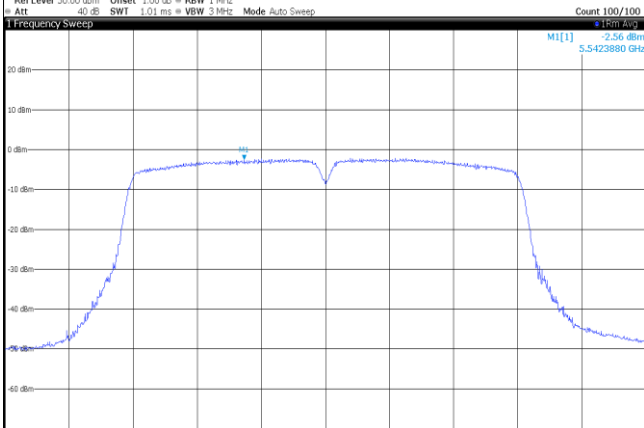
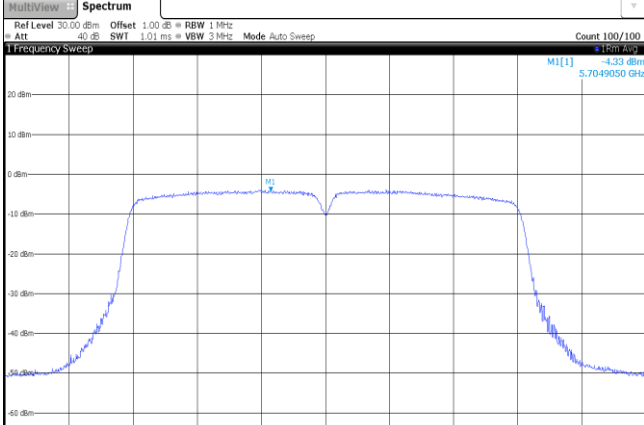
Band II		802.11ac (HT40)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Att 40.00 Offset 1.00 dB RBW 1 MHz Mode Auto Sweep Count 100/100 15m Avg 1 Frequency Sweep MU[1] -4.61 dBm 5.2635260 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.27 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 10:26:35		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Att 40.00 Offset 1.00 dB RBW 1 MHz Mode Auto Sweep Count 100/100 15m Avg 1 Frequency Sweep MU[1] -5.14 dBm 5.3123980 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.31 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 10:28:15		

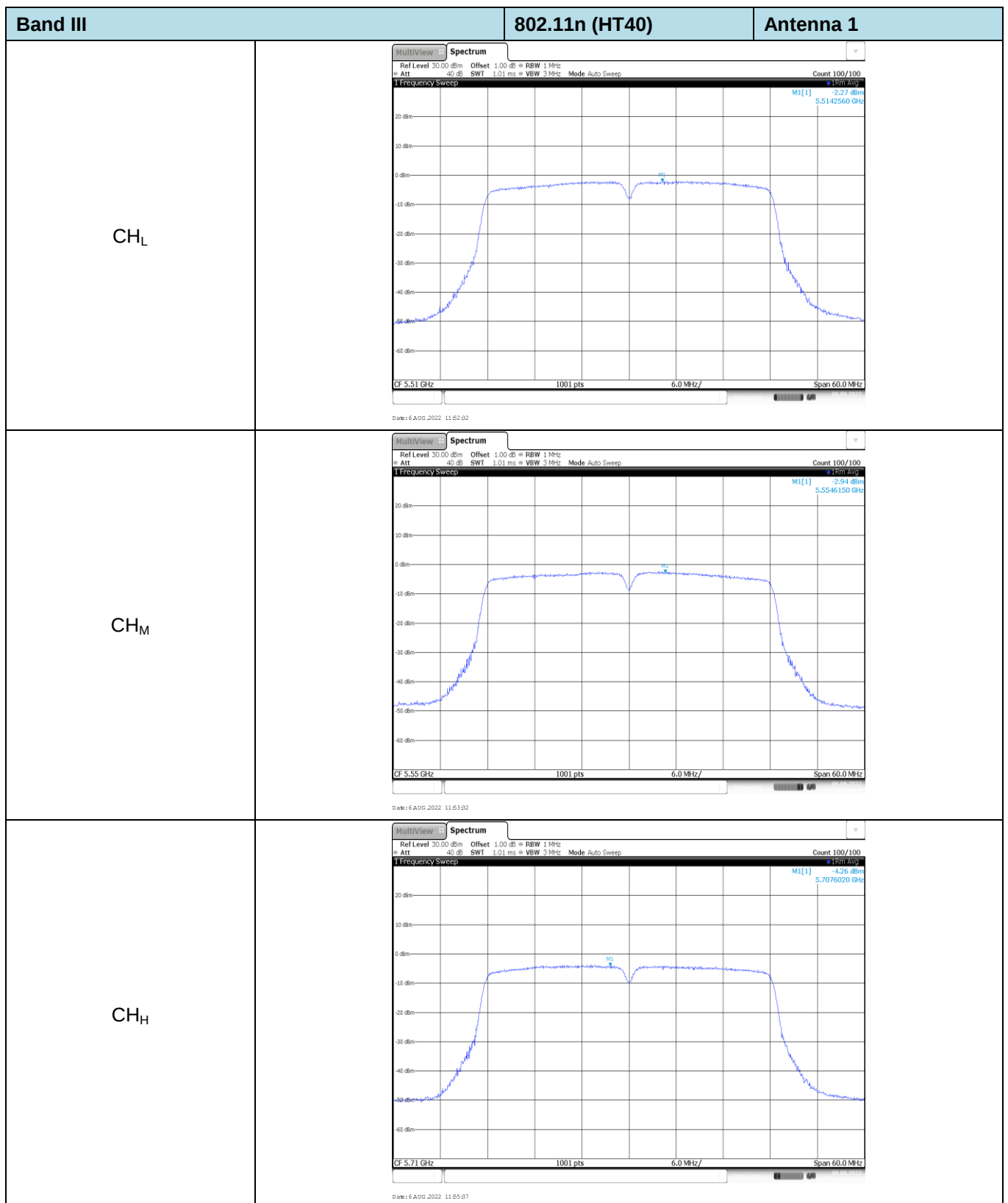


Band III	802.11ac (HT20)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 3.07 dBm 5.5052750 GHz  CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:57:45	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.64 dBm 5.5835360 GHz  CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:58:45	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.43 dBm 5.7181720 GHz  CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:00:33	

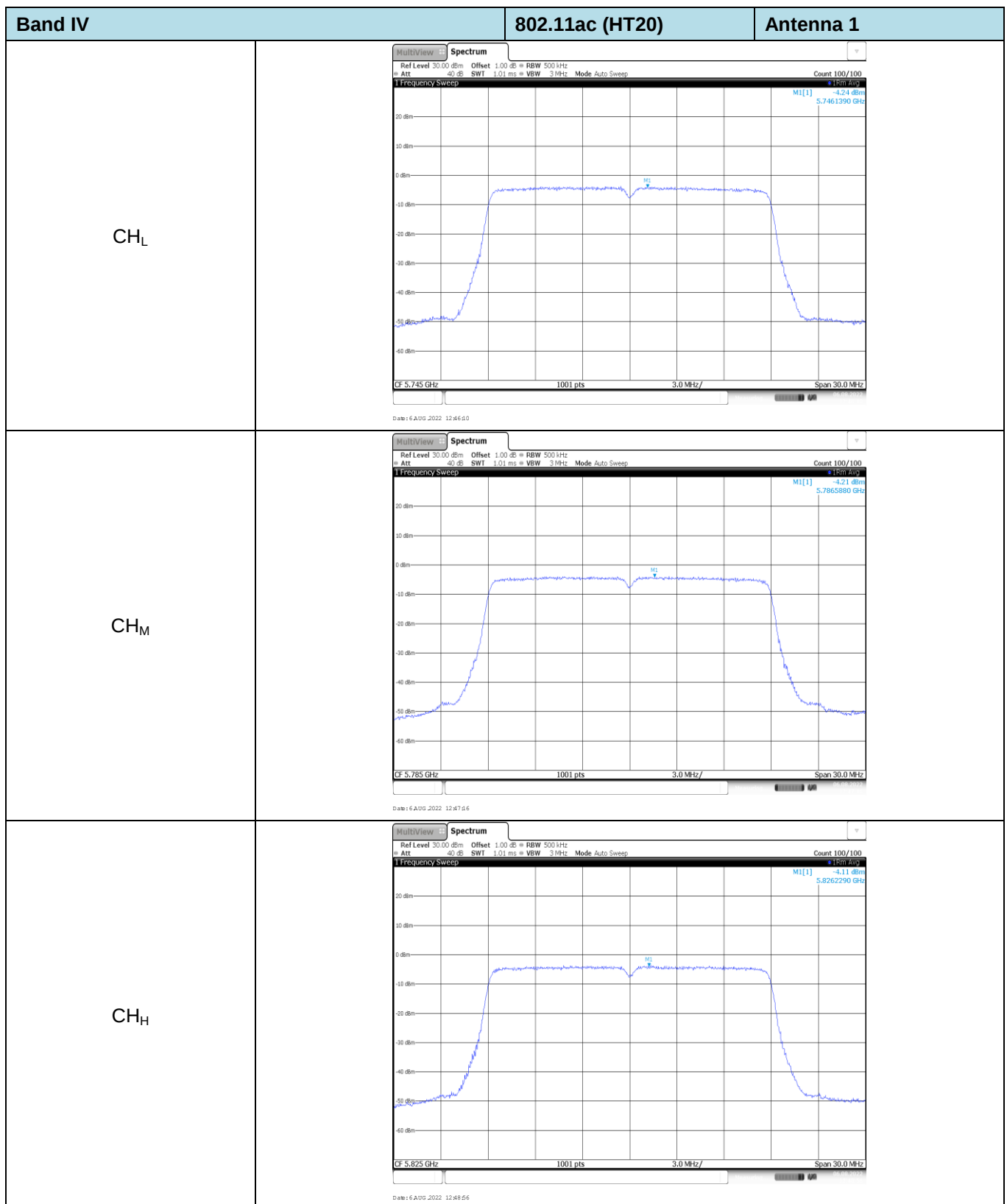
Band III	802.11n (HT20)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.45 dBm 5.5064440 GHz  CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:46:07	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 2.40 dBm 5.5852750 GHz  CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:49:07	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 0.56 dBm 5.7211990 GHz  CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:50:54	

Band III	802.11a	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 3.84 dBm 5.5011390 GHz  CF 5.5 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:40:43	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 3.49 dBm 5.5785010 GHz  CF 5.58 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:42:42	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep M1[1] 1.91 dBm 5.7182620 GHz  CF 5.72 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 11:44:41	

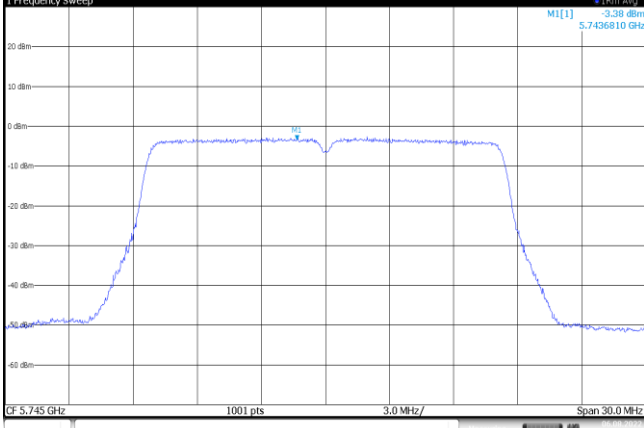
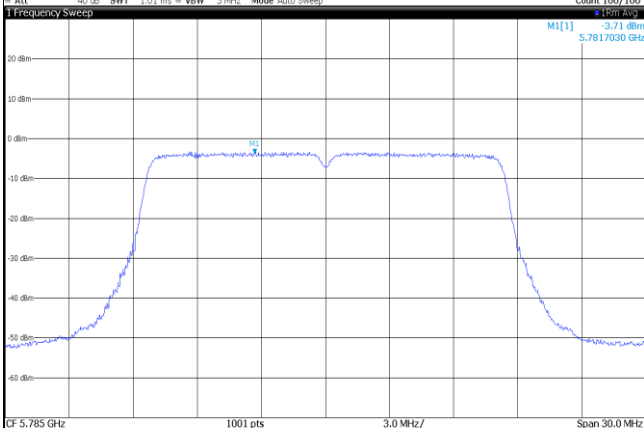
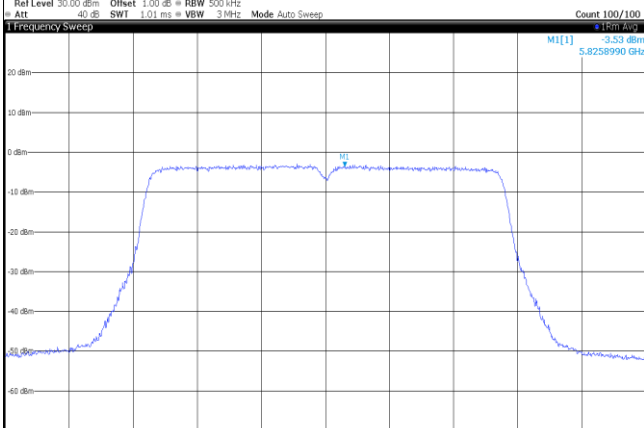
Band III	802.11ac (HT40)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -3.21 dBm 5.5129370 GHz  CF 5.51 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 12:02:09	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -2.56 dBm 5.5423880 GHz  CF 5.55 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 12:04:07	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -4.33 dBm 5.7049050 GHz  CF 5.71 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz Date: 6 AUG 2022 12:06:13	

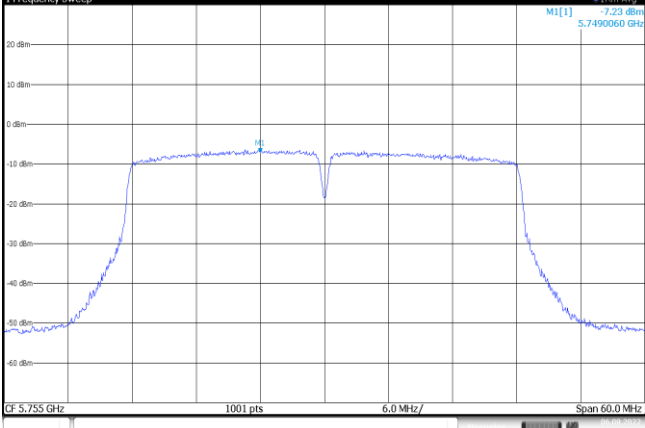
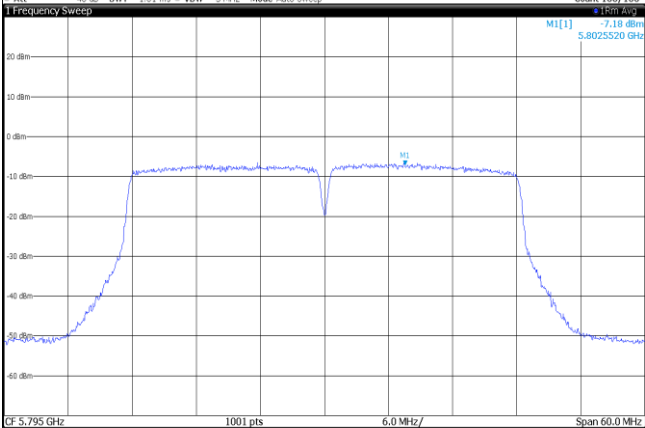


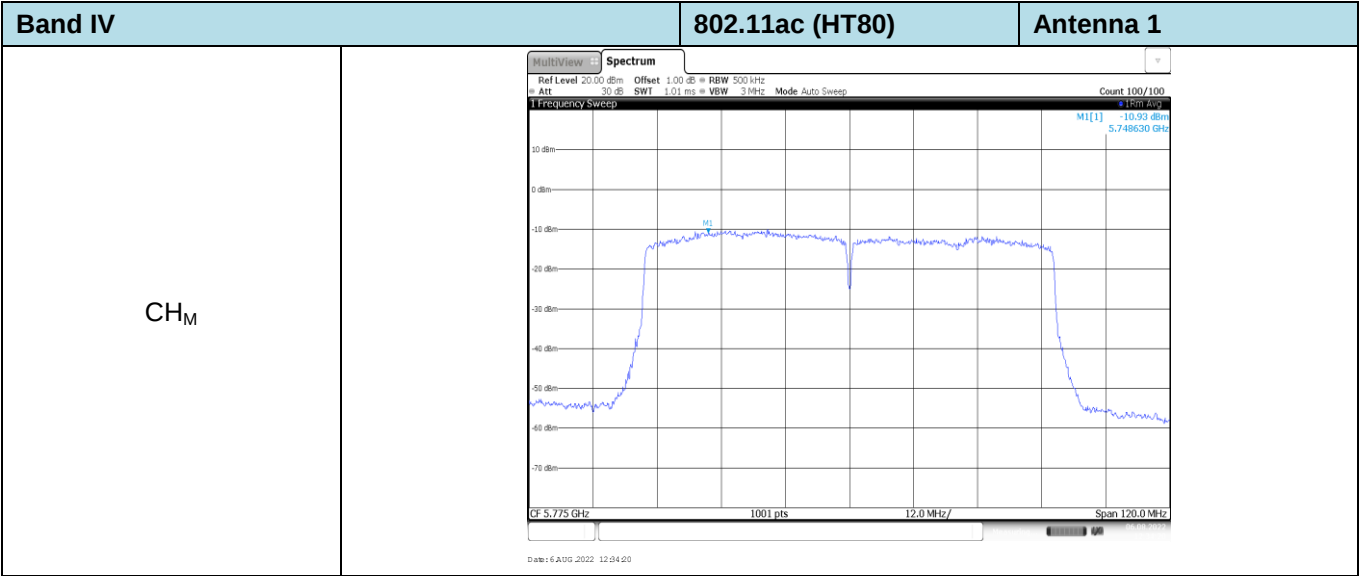
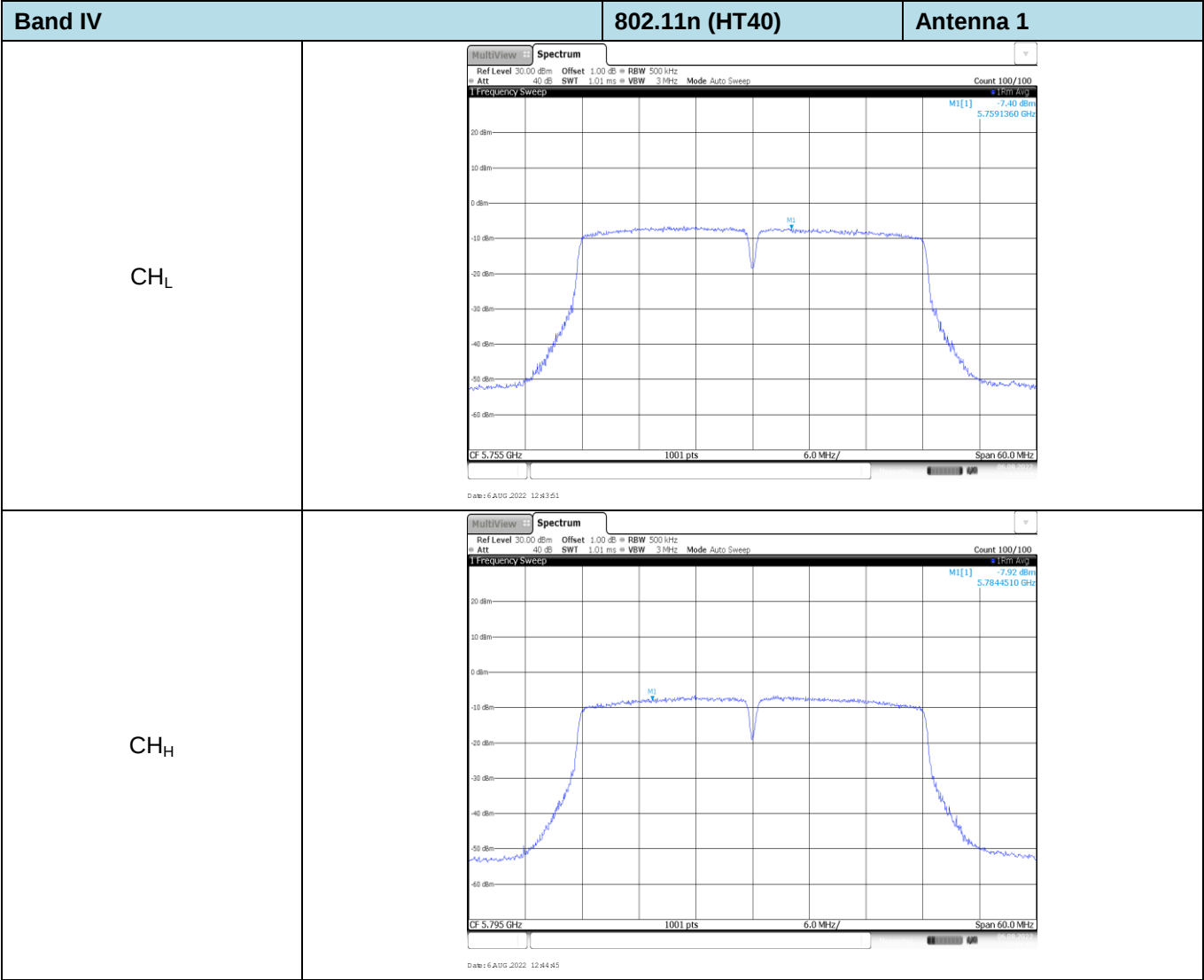
Band III		802.11ac (HT80)	Antenna 1
CH _L	MultiView Spectrum Count 100/100 Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWI 1.01 ms VBW 3 MHz Mode Auto Sweep 1 Frequency Sweep 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm 5.53 GHz 1001 pts 12.0 MHz/ Span 120.0 MHz M1[1] 7.80 dBm 5.547020 GHz Date: 6 AUG 2022 12:07:08		
CH _H	MultiView Spectrum Count 100/100 Ref Level 30.00 dBm Offset 1.00 dB RBW 1 MHz Att 40 dB SWI 1.01 ms VBW 3 MHz Mode Auto Sweep 1 Frequency Sweep 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm 5.69 GHz 1001 pts 12.0 MHz/ Span 120.0 MHz M1[1] 8.72 dBm 5.667340 GHz Date: 6 AUG 2022 12:09:52		



Band IV	802.11n (HT20)		Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] -3.82 dBm 5.7425420 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:40:02		
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] -4.47 dBm 5.7824230 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:41:02		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg Frequency Sweep M1[1] -4.52 dBm 5.8266480 GHz 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:42:00		

Band IV	802.11a	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -3.38 dBm 5.7436810 GHz  CF 5.745 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:25:57	
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -3.71 dBm 5.7817030 GHz  CF 5.785 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:28:15	
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 1 Frequency Sweep MU[1] -3.53 dBm 5.8258990 GHz  CF 5.825 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz Date: 6 AUG 2022 12:29:10	

Band IV		802.11ac (HT40)	Antenna 1
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg M1[1] -7.23 dBm 5.7490060 GHz  CF 5.755 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 13:03:17		
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 500 kHz Att 40 dB SWT 1.01 ms VBW 3 MHz Mode Auto Sweep Count 100/100 15m Avg M1[1] -7.18 dBm 5.8025520 GHz  CF 5.795 GHz1001 pts6.0 MHz/Span 60.0 MHz Date: 6 AUG 2022 13:04:14		



Appendix C: 26dB bandwidth

Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
I	20	802.11ac	CH _L	19.68	Pass
			CH _M	21.87	
			CH _H	19.71	
		802.11n	CH _L	21.12	Pass
			CH _M	19.08	
			CH _H	19.02	
		802.11a	CH _L	21.12	Pass
			CH _M	18.93	
			CH _H	18.93	
	40	802.11ac	CH _L	46.32	Pass
			CH _H	41.64	
		802.11n	CH _L	45.06	Pass
			CH _H	41.58	
	80	802.11ac	CH _M	94.56	Pass
II	20	802.11ac	CH _L	21.84	Pass
			CH _M	19.92	
			CH _H	19.71	
		802.11n	CH _L	23.67	Pass
			CH _M	19.77	
			CH _H	19.86	
		802.11a	CH _L	20.91	Pass
			CH _M	24.18	
			CH _H	19.14	
	40	802.11ac	CH _L	43.62	Pass
			CH _H	41.22	
		802.11n	CH _L	42.18	Pass
			CH _H	41.58	
	80	802.11ac	CH _M	115.56	Pass

Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
III	20	802.11ac	CH _L	19.80	Pass
			CH _M	24.57	
			CH _H	19.68	
		802.11n	CH _L	24.15	Pass
			CH _M	22.68	
			CH _H	19.74	
		802.11a	CH _L	24.78	Pass
			CH _M	27.27	
			CH _H	19.20	
	40	802.11ac	CH _L	43.80	Pass
			CH _M	41.64	
			CH _H	43.68	
		802.11n	CH _L	44.88	Pass
			CH _M	43.62	
			CH _H	41.88	
	80	802.11ac	CH _L	118.68	Pass
			CH _H	98.76	

Band I		802.11ac (HT20)																												
CH _L	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 300 kHz Att 40.00 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] -17.84 dBm 5.1701600 GHz M2[1] 8.34 dBm 5.1734900 GHz CF 5.18 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz 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>5.17016 GHz</td><td>-17.84 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>5.17349 GHz</td><td>8.34 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>19.68 MHz</td><td>0.16 dB</td><td></td><td></td></tr></table> Date: 21 JUL 2022 10:13:03	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.17016 GHz	-17.84 dBm			M2	1		5.17349 GHz	8.34 dBm			D3	M1	1	19.68 MHz	0.16 dB			
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.17016 GHz	-17.84 dBm																										
M2	1		5.17349 GHz	8.34 dBm																										
D3	M1	1	19.68 MHz	0.16 dB																										
CH _M	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 300 kHz Att 40.00 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] -18.49 dBm 5.2101000 GHz M2[1] 7.73 dBm 5.2191000 GHz CF 5.22 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz 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>5.2101 GHz</td><td>-18.49 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>5.2191 GHz</td><td>7.73 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>21.87 MHz</td><td>-2.99 dB</td><td></td><td></td></tr></table> Date: 21 JUL 2022 10:12:13	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.2101 GHz	-18.49 dBm			M2	1		5.2191 GHz	7.73 dBm			D3	M1	1	21.87 MHz	-2.99 dB			
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.2101 GHz	-18.49 dBm																										
M2	1		5.2191 GHz	7.73 dBm																										
D3	M1	1	21.87 MHz	-2.99 dB																										
CH _H	MultiView Spectrum Ref Level 30.00 dBm Offset 1.00 dB RBW 300 kHz Att 40.00 dB SWF 1.01 ms VBW 1 MHz Mode Auto Sweep Count 500/500 1 Frequency Sweep M1[1] -18.72 dBm 5.2301300 GHz M2[1] 8.00 dBm 5.2335500 GHz CF 5.24 GHz 1001 pts 3.0 MHz/ Span 30.0 MHz 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>5.23013 GHz</td><td>-18.72 dBm</td><td></td><td></td></tr><tr><td>M2</td><td>1</td><td></td><td>5.23355 GHz</td><td>8.00 dBm</td><td></td><td></td></tr><tr><td>D3</td><td>M1</td><td>1</td><td>19.71 MHz</td><td>0.38 dB</td><td></td><td></td></tr></table> Date: 21 JUL 2022 10:15:08	Type	Ref	Trc	X-Value	Y-Value	Function	Function Result	M1	1		5.23013 GHz	-18.72 dBm			M2	1		5.23355 GHz	8.00 dBm			D3	M1	1	19.71 MHz	0.38 dB			
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result																								
M1	1		5.23013 GHz	-18.72 dBm																										
M2	1		5.23355 GHz	8.00 dBm																										
D3	M1	1	19.71 MHz	0.38 dB																										

