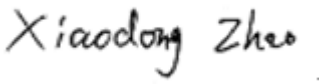
APPENDIX REPORT

Project No.	SHT2311064901EW FCC ID	Radio Specification	WIFI 5G
Test sample No.	YPHT23110649002	Model No.	ATMET2K
Start test date	2024-04-07	Finish date	2024-04-10
Temperature	25℃	Humidity	52%
Test Engineer	Xiangyu Wei	Auditor	

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	802.11 ac	CH_L	11.56	10.87	98.46	98.97	0.07	0.04	11.63	10.91	14.27	24.00	Pass
			CH_M	12.01	11.57	98.97	98.97	0.04	0.04	12.05	11.61	14.87		
			CH_H	12.20	11.62	98.97	98.90	0.04	0.05	12.24	11.67	14.97		
		802.11 n	CH_L	11.62	10.85	98.90	98.96	0.05	0.05	11.67	10.90	14.33	24.00	Pass
			CH_M	12.06	11.53	98.90	98.90	0.05	0.05	12.11	11.58	14.87		
			CH_H	12.29	11.60	98.90	98.96	0.05	0.05	12.34	11.65	15.02		
		802.11 a	CH_L	14.47	13.15	99.03	99.03	0.04	0.04	14.51	13.19	-	24.00	Pass
			CH_M	14.83	13.77	98.97	99.03	0.04	0.04	14.87	13.81	-		
			CH_H	15.14	14.01	99.03	99.03	0.04	0.04	15.18	14.05	-		
		802.11 ax	CH_L	11.46	10.92	98.21	98.21	0.08	0.08	11.54	11.00	14.27	24.00	Pass
			CH_M	11.86	11.55	98.58	98.58	0.06	0.06	11.92	11.61	14.76		
			CH_H	12.06	11.68	98.58	98.66	0.06	0.06	12.12	11.74	14.91		
	40	802.11 ac	CH_L	11.47	11.08	98.28	98.70	0.08	0.06	11.55	11.14	14.37	24.00	Pass
			CH_H	11.95	11.42	98.70	98.70	0.06	0.06	12.01	11.48	14.77		
		802.11 n	CH_L	11.61	10.93	98.70	98.70	0.06	0.06	11.67	10.99	14.37	24.00	Pass
			CH_H	11.96	11.35	98.70	98.70	0.06	0.06	12.02	11.41	14.72		
		802.11 ax	CH_L	11.32	10.68	97.60	97.60	0.11	0.11	11.43	10.79	14.12	24.00	Pass
			CH_H	11.61	11.24	97.60	97.60	0.11	0.11	11.72	11.35	14.56		
	80	802.11 ac	CH_M	11.84	11.35	98.94	99.08	0.05	0.04	11.89	11.39	14.67	24.00	Pass
		802.11 ax	CH_M	11.83	11.56	98.91	98.88	0.05	0.05	11.88	11.61	14.76	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			
IV	20	802.11 ac	CH_L	11.98	8.91	98.97	98.90	0.04	0.05	12.02	8.96	13.76	30.00	Pass
			CH_M	11.42	8.42	98.90	98.90	0.05	0.05	11.47	8.47	13.26		
			CH_H	11.58	8.63	98.90	98.90	0.05	0.05	11.63	8.68	13.40		
		802.11 n	CH_L	11.87	8.81	98.90	98.90	0.05	0.05	11.92	8.86	13.66	30.00	Pass
			CH_M	11.42	8.36	98.90	98.90	0.05	0.05	11.47	8.41	13.23		
			CH_H	11.52	8.57	98.90	98.90	0.05	0.05	11.57	8.62	13.36		
		802.11 a	CH_L	13.33	9.00	99.03	99.03	0.04	0.04	13.37	9.04	-	30.00	Pass
			CH_M	12.90	8.48	99.03	98.97	0.04	0.04	12.94	8.52	-		
			CH_H	13.17	8.62	99.03	98.97	0.04	0.04	13.21	8.66	-		
		802.11 ax	CH_L	11.90	8.63	98.21	98.58	0.08	0.06	11.98	8.69	13.67	30.00	Pass
			CH_M	11.47	8.20	98.58	20.00	0.06	6.99	11.53	15.19	16.74		
			CH_H	11.57	8.37	98.58	98.58	0.06	0.06	11.63	8.43	13.30		
	40	802.11 ac	CH_L	11.22	8.87	98.70	98.70	0.06	0.06	11.28	8.93	13.27	30.00	Pass
			CH_H	10.99	8.83	98.66	98.70	0.06	0.06	11.05	8.89	13.15		
		802.11 n	CH_L	11.34	8.99	98.70	98.70	0.06	0.06	11.40	9.05	13.41	30.00	Pass
			CH_H	10.96	8.74	98.66	98.70	0.06	0.06	11.02	8.80	13.05		
		802.11 ax	CH_L	11.18	8.64	97.16	97.60	0.13	0.11	11.31	8.75	13.24	30.00	Pass
			CH_H	10.91	8.36	97.55	97.60	0.11	0.11	11.02	8.47	12.94		
	80	802.11 ac	CH_M	11.32	8.91	99.10	99.10	0.04	0.04	11.36	8.95	13.37	30.00	Pass
		802.11 ax	CH_M	11.59	9.03	98.88	98.88	0.05	0.05	11.64	9.08	13.54	30.00	Pass

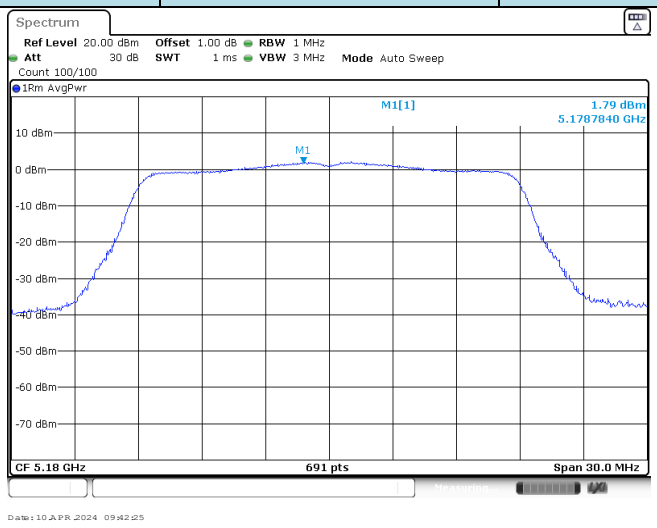
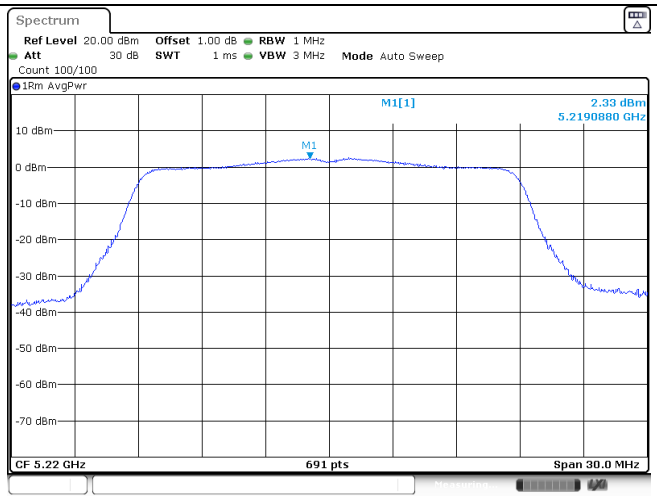
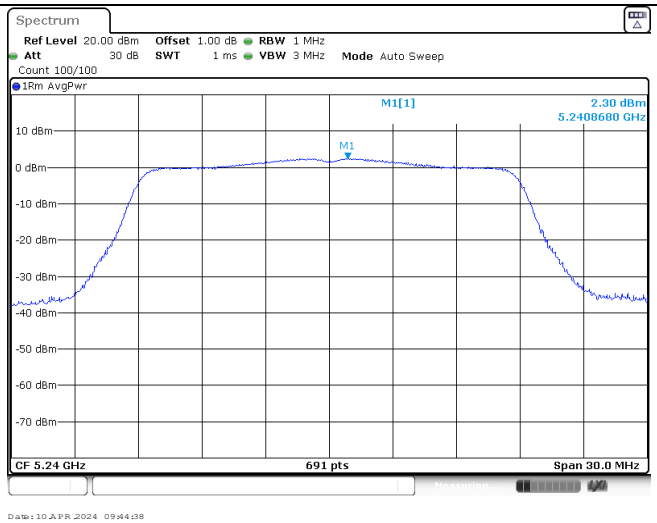
NOTE: duty cycle factor =10LOG(1/ duty cycle)

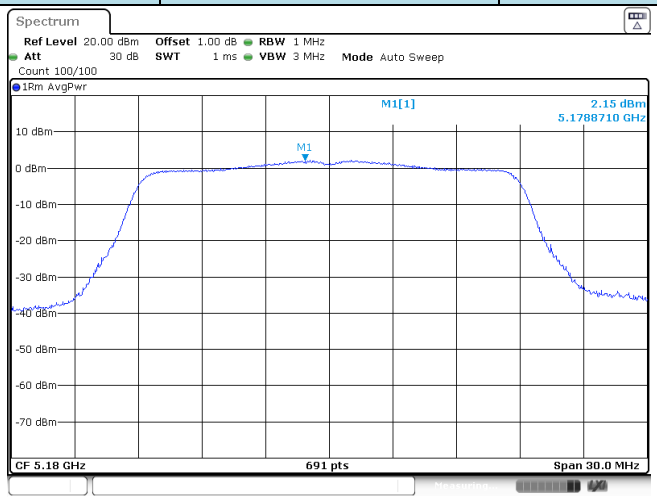
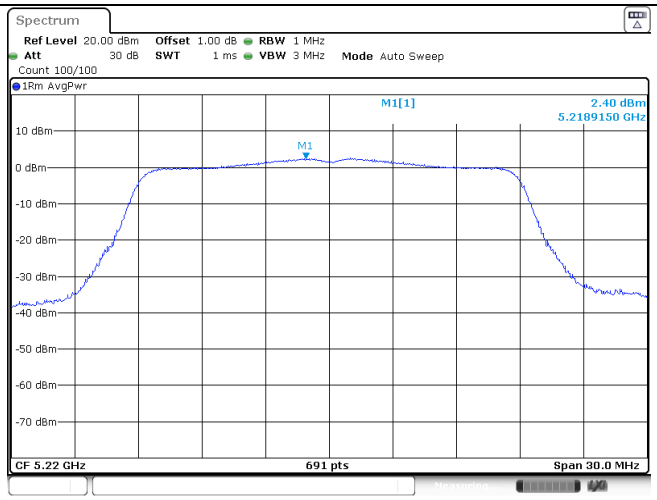
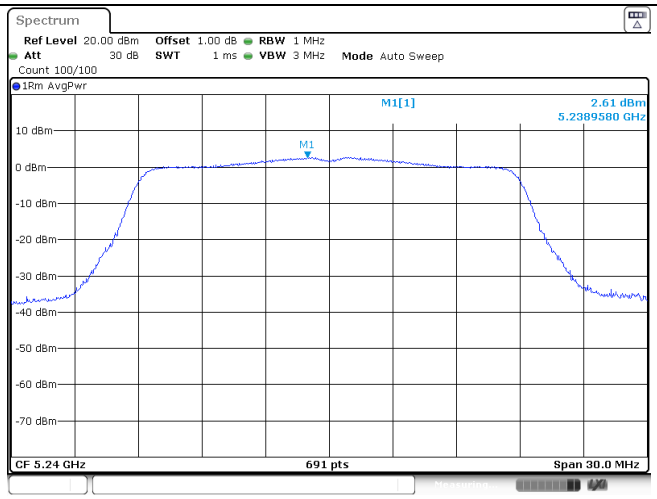
Appendix B：Maximum Power Spectral Density

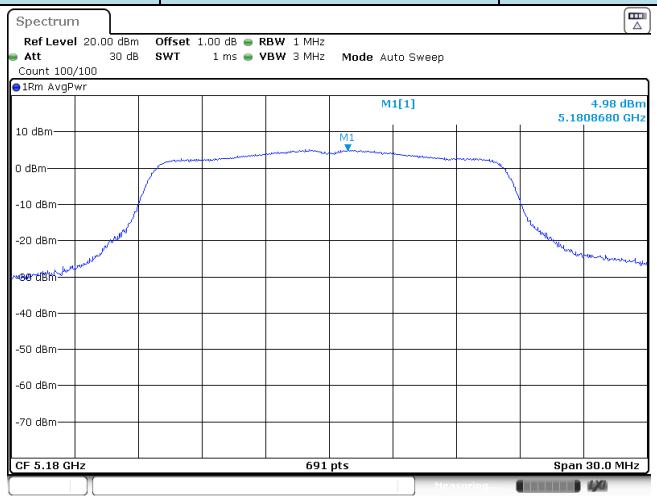
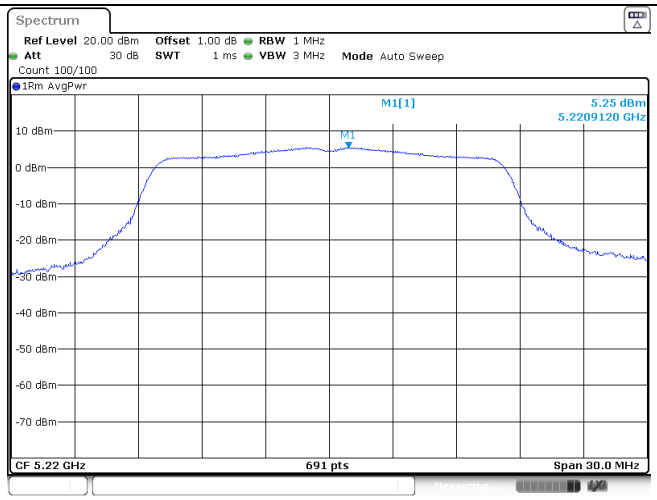
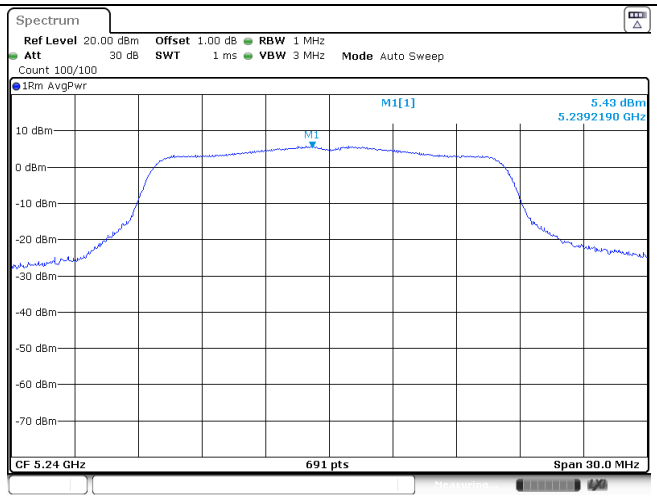
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor（dB）		Power Spectral Density (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
I	20	802.11ac	CH_L	1.79	1.11	98.97	98.97	0.04	0.04	1.83	1.15	4.51	8.47	Pass
			CH_M	2.33	1.81	98.97	98.97	0.04	0.04	2.37	1.85	5.13		
			CH_H	2.30	1.87	98.97	98.90	0.04	0.05	2.34	1.92	5.15		
		802.11n	CH_L	2.15	1.33	98.90	98.96	0.05	0.05	2.2	1.38	4.82	8.47	Pass
			CH_M	2.40	1.96	98.90	98.90	0.05	0.05	2.45	2.01	5.25		
			CH_H	2.61	2.00	98.90	98.96	0.05	0.05	2.66	2.05	5.38		
		802.11a	CH_L	4.98	3.71	99.03	99.03	0.04	0.04	5.02	3.75	-	8.47	Pass
			CH_M	5.25	4.13	98.97	99.03	0.04	0.04	5.29	4.17	-		
			CH_H	5.43	4.27	99.03	99.03	0.04	0.04	5.47	4.31	-		
		802.11ax	CH_L	1.67	1.11	98.58	98.66	0.06	0.06	1.73	1.17	4.47	8.47	Pass
			CH_M	2.46	1.81	98.58	98.58	0.06	0.06	2.52	1.87	5.22		
			CH_H	2.59	1.87	98.58	98.66	0.06	0.06	2.65	1.93	5.32		
	40	802.11ac	CH_L	-1.89	-2.35	98.70	98.70	0.06	0.06	-1.83	-2.29	0.96	8.47	Pass
			CH_H	-1.75	-2.71	98.70	98.70	0.06	0.06	-1.69	-2.65	0.87		
		802.11n	CH_L	-1.96	-2.97	98.70	98.70	0.06	0.06	-1.9	-2.91	0.63	8.47	Pass
			CH_H	-1.80	-2.64	98.70	98.70	0.06	0.06	-1.74	-2.58	0.87		
		802.11ax	CH_L	-2.06	-2.59	97.60	97.60	0.11	0.11	-1.95	-2.48	0.80	8.47	Pass
			CH_H	-2.26	-2.40	97.60	97.60	0.11	0.11	-2.15	-2.29	0.79		
	80	802.11ac	CH_M	-5.08	-5.57	99.10	99.08	0.04	0.04	-5.04	-5.53	-2.27	8.47	Pass
		802.11ax	CH_M	-4.83	-5.02	98.91	98.88	0.05	0.05	-4.78	-4.97	-1.86	8.47	Pass

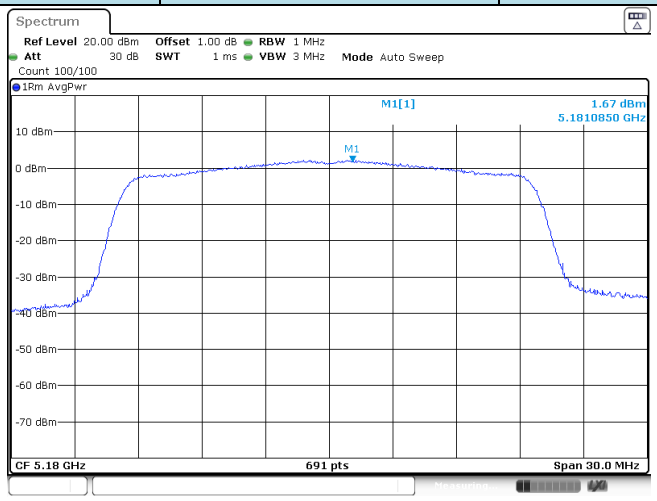
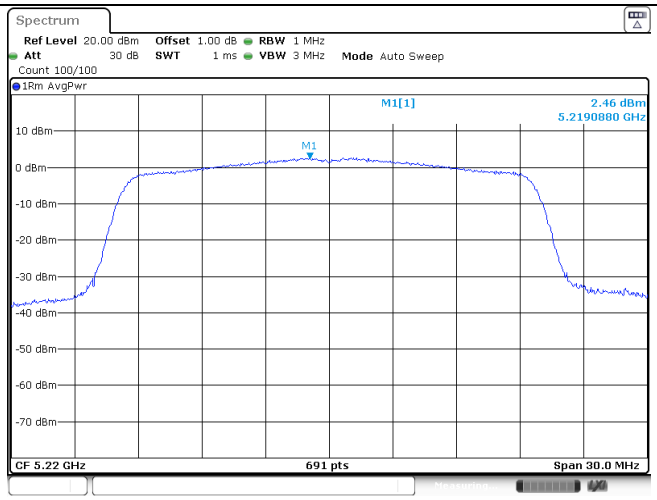
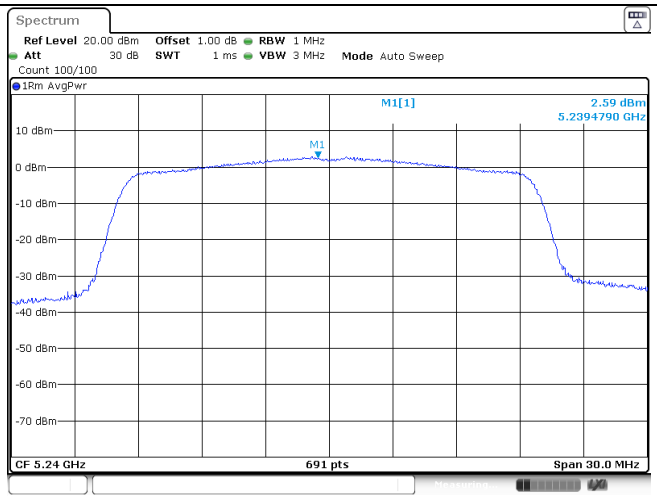
Band	Bandwidth (MHz)	Type	Channel	Reading (dBm)		Duty cycle (%)		Duty cycle factor（dB）		Power Spectral Density (dBm/500kHz)		Total PSD (dBm/MHz)	Limit (dBm/500KHz)	Result
				Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1	Antenna 0	Antenna 1			
IV	20	802.11ac	CH_L	-0.70	-3.71	98.97	98.90	0.04	0.05	-0.66	-3.66	1.10	27.47	Pass
			CH_M	-1.31	-4.16	98.90	98.90	0.05	0.05	-1.26	-4.11	0.56		
			CH_H	-0.98	-3.68	98.90	98.90	0.05	0.05	-0.93	-3.63	0.94		
		802.11n	CH_L	-0.95	-3.46	98.90	98.90	0.05	0.05	-0.9	-3.41	1.03	27.47	Pass
			CH_M	-1.14	-4.26	98.90	98.90	0.05	0.05	-1.09	-4.21	0.63		
			CH_H	-0.78	-3.92	98.90	98.90	0.05	0.05	-0.73	-3.87	0.99		
		802.11a	CH_L	1.03	-3.21	99.03	99.03	0.04	0.04	1.07	-3.17	-	27.47	Pass
			CH_M	0.23	-3.96	99.03	98.97	0.04	0.04	0.27	-3.92	-		
			CH_H	0.81	-3.44	99.03	98.97	0.04	0.04	0.85	-3.4	-		
		802.11ax	CH_L	-0.31	-3.72	98.58	98.58	0.06	0.06	-0.25	-3.66	1.38	27.47	Pass
			CH_M	-1.27	-4.55	98.58	20.00	0.06	6.99	-1.21	2.44	4.00		
			CH_H	-0.69	-4.29	98.58	98.58	0.06	0.06	-0.63	-4.23	0.94		
	40	802.11ac	CH_L	-5.74	-7.75	98.70	98.70	0.06	0.06	-5.68	-7.69	-3.56	27.47	Pass
			CH_H	-5.87	-7.79	98.66	98.70	0.06	0.06	-5.81	-7.73	-3.65		
		802.11n	CH_L	-5.23	-8.26	98.70	98.70	0.06	0.06	-5.17	-8.2	-3.42	27.47	Pass
			CH_H	-5.51	-8.00	98.66	98.70	0.06	0.06	-5.45	-7.94	-3.51		
		802.11ax	CH_L	-5.13	-8.08	97.60	97.60	0.11	0.11	-5.02	-7.97	-3.24	27.47	Pass
			CH_H	-5.42	-7.77	97.55	97.60	0.11	0.11	-5.31	-7.66	-3.32		
	80	802.11ac	CH_M	-8.58	-11.13	99.10	99.10	0.04	0.04	-8.54	-11.09	-6.62	27.47	Pass
		802.11ax	CH_M	-8.33	-11.17	98.88	98.88	0.05	0.05	-8.28	-11.12	-6.46	27.47	Pass

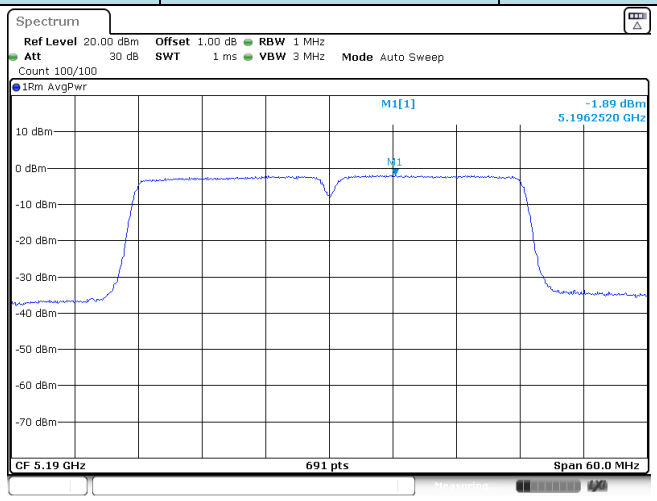
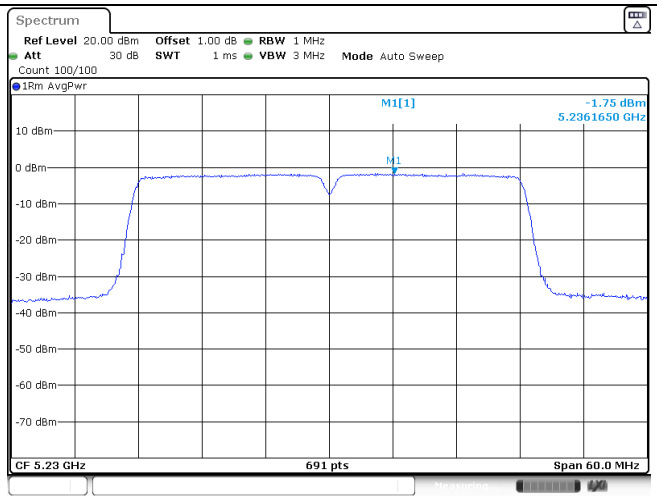
Test plot as follows:

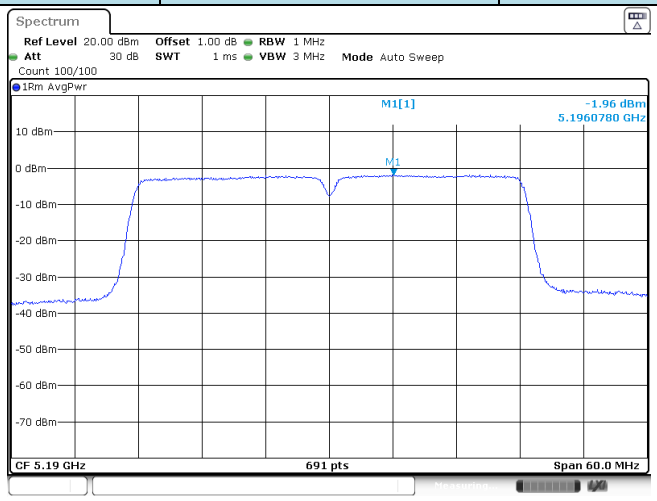
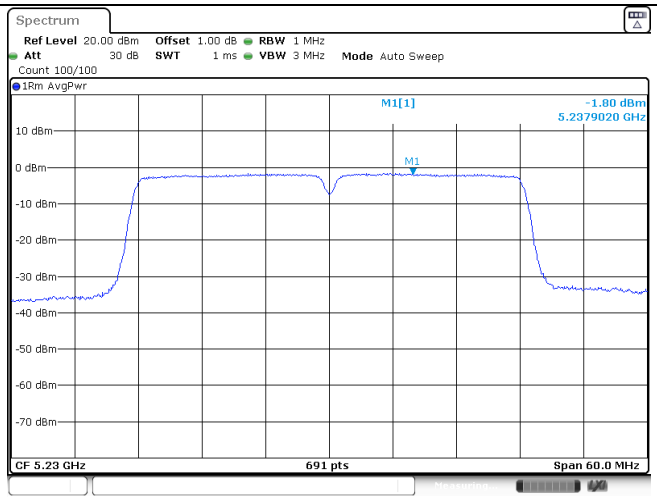
Band I	802.11ac (HT20)	Antenna 0
CH_L		
CH_M		
CH_H		

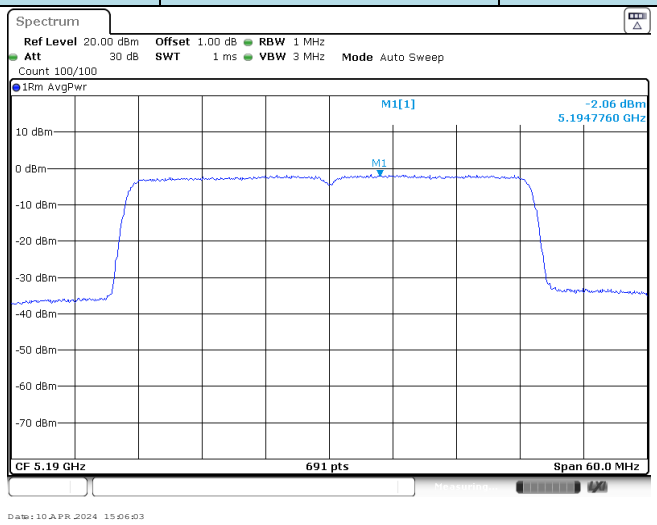
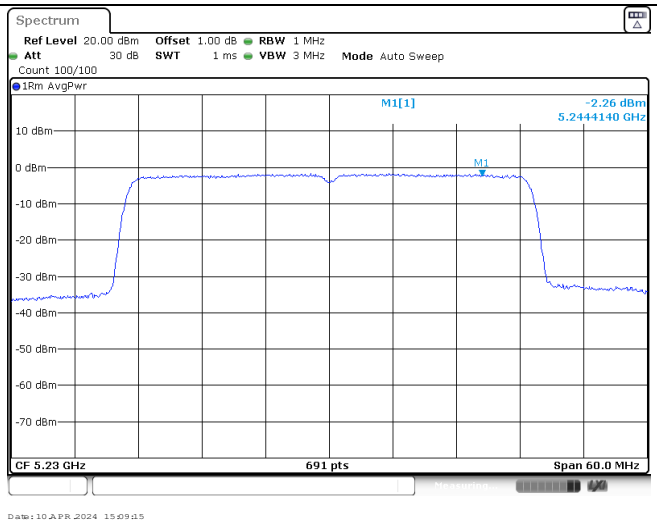
Band I	802.11n (HT20)	Antenna 0
CH_L		
CH_M		
CH_H		

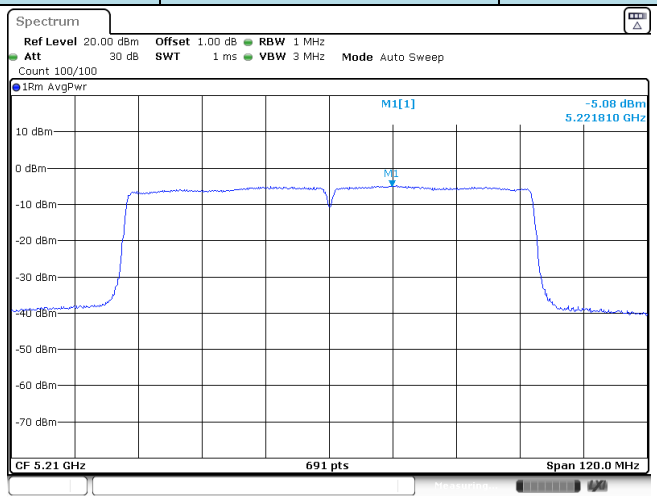
Band I	802.11a	Antenna 0
CH_L		
CH_M		
CH_H		

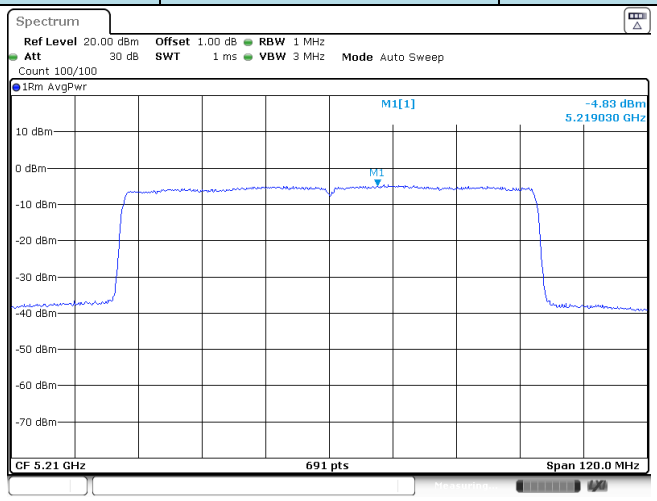
Band I	802.11ax (HT20)	Antenna 0
CH_L		
CH_M		
CH_H		

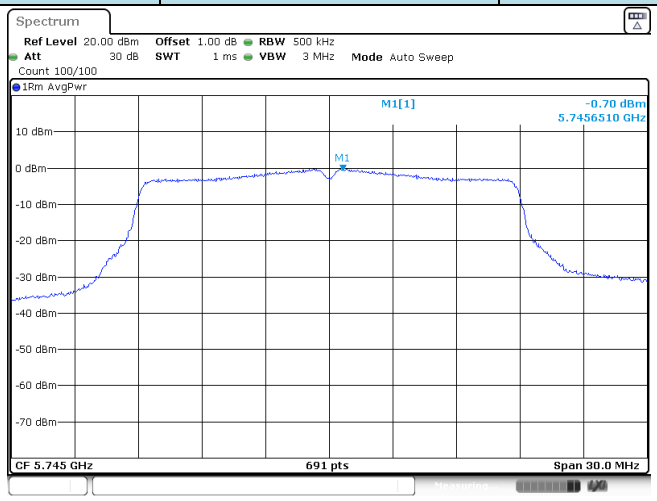
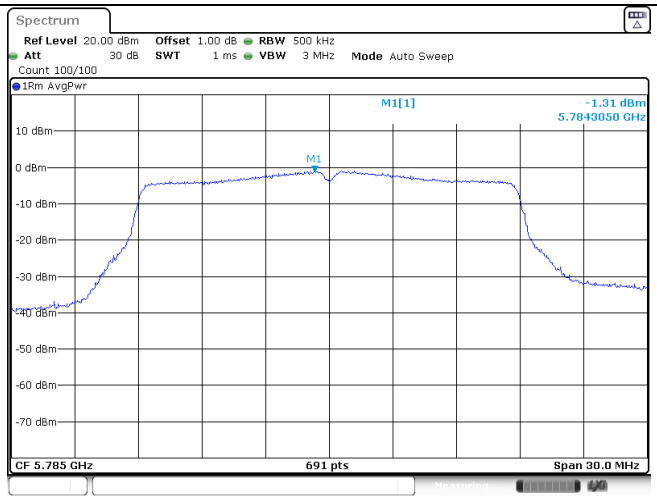
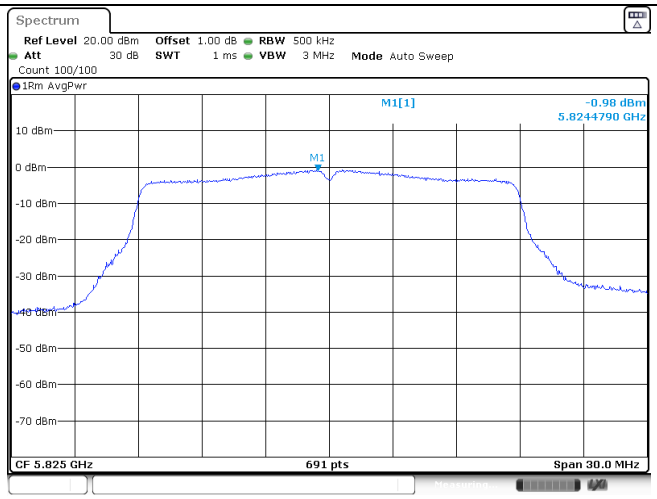
Band I	802.11ac (HT40)	Antenna 0
CH_L		
CH_H		

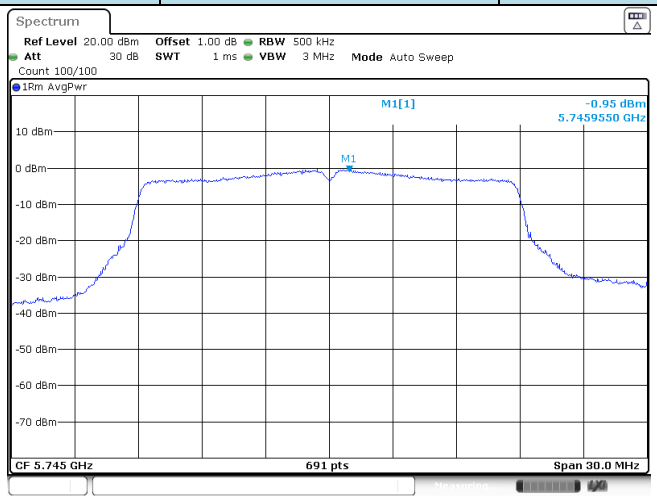
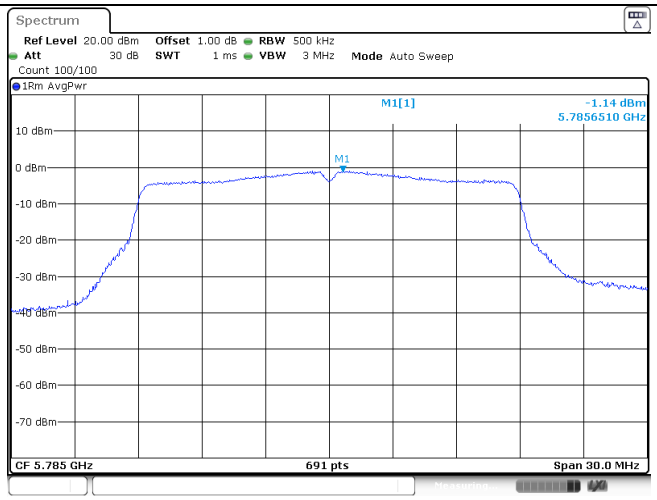
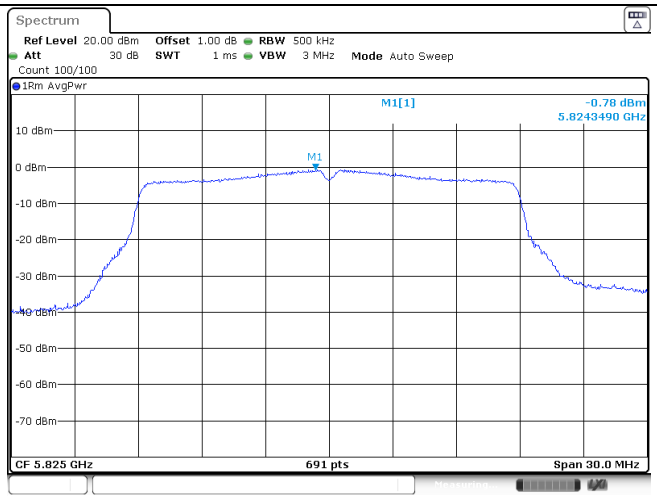
Band I	802.11n (HT40)	Antenna 0
CH_L		
CH_H		

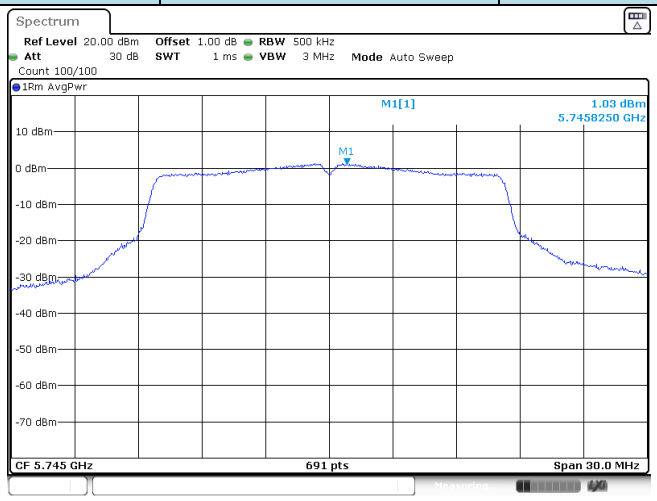
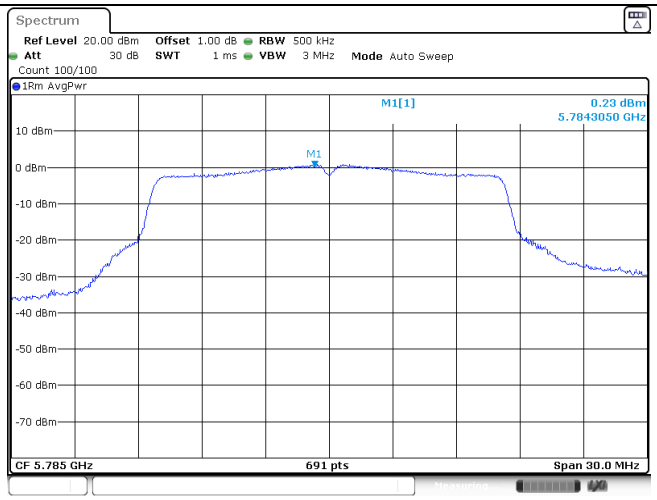
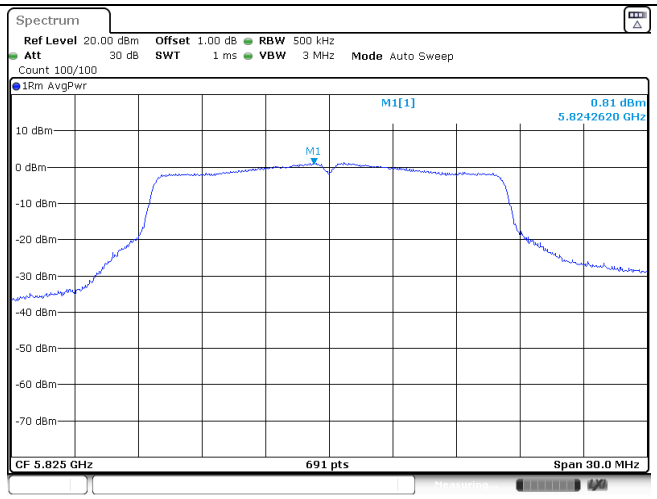
Band I	802.11ax (HT40)	Antenna 0
CH_L		
CH_H		

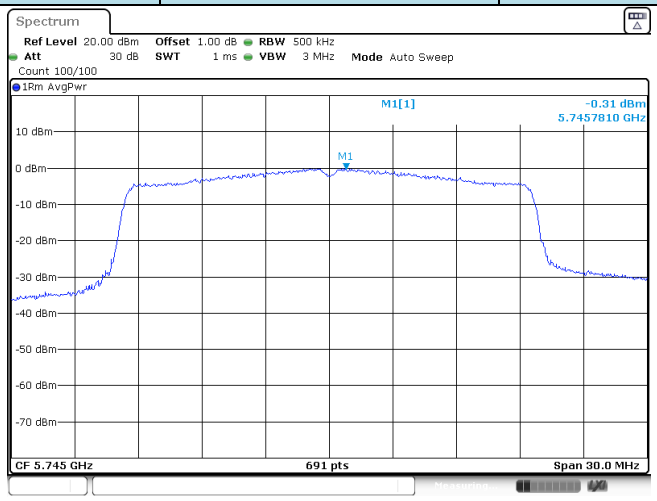
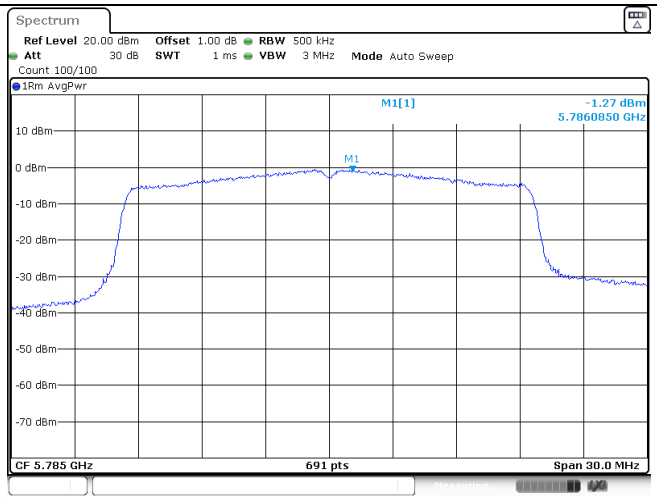
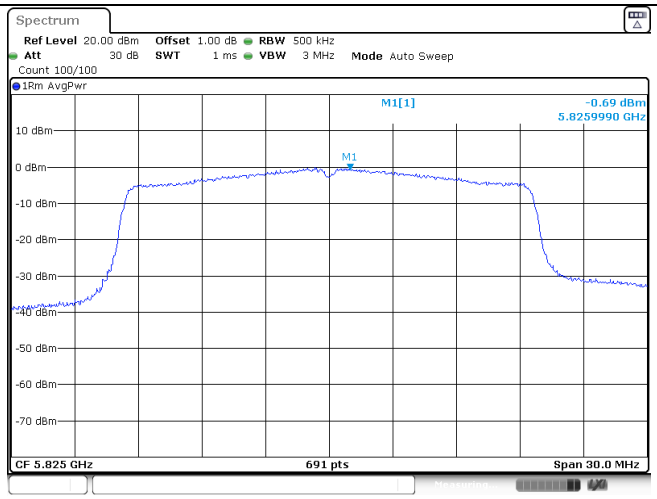
Band I	802.11ac (HT80)	Antenna 0
CH_M		

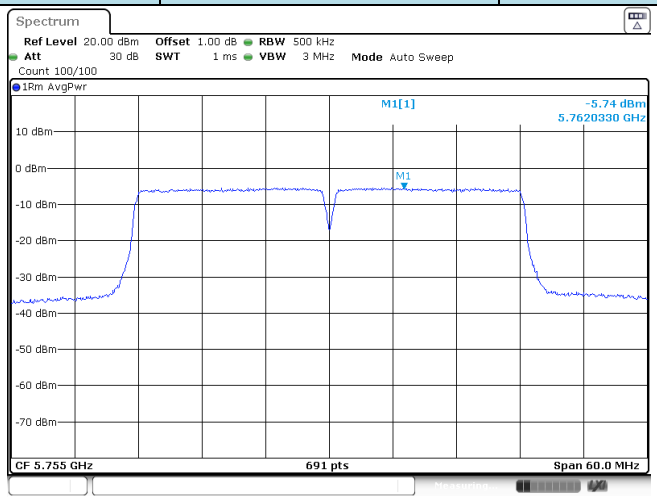
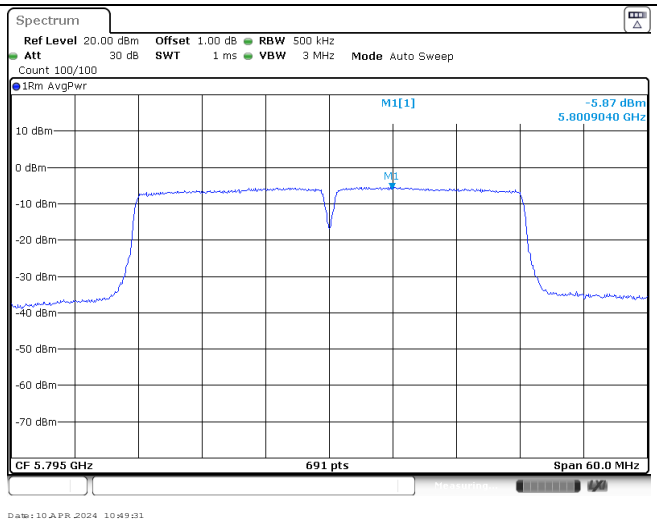
Band I	802.11ax (HT80)	Antenna 0
CH_M		

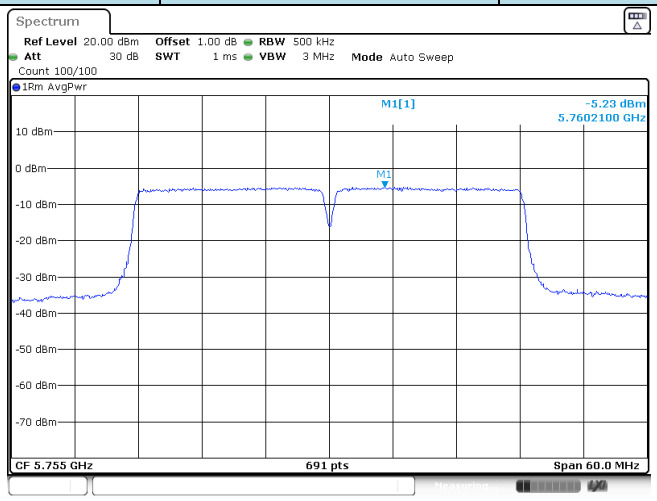
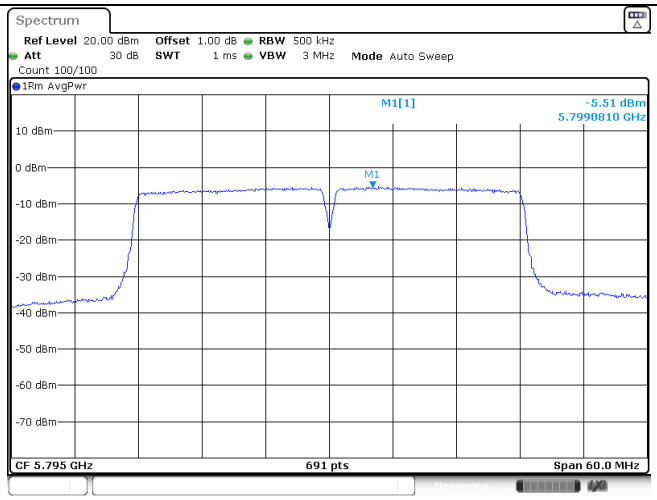
Band IV	802.11ac (HT20)	Antenna 0
CH_L		
CH_M		
CH_H		

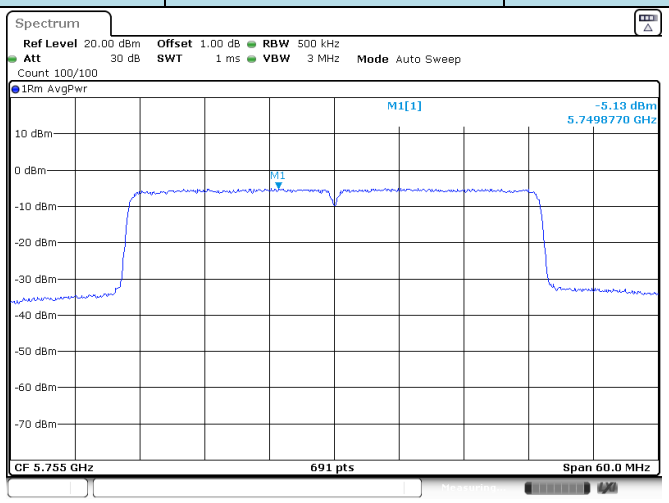
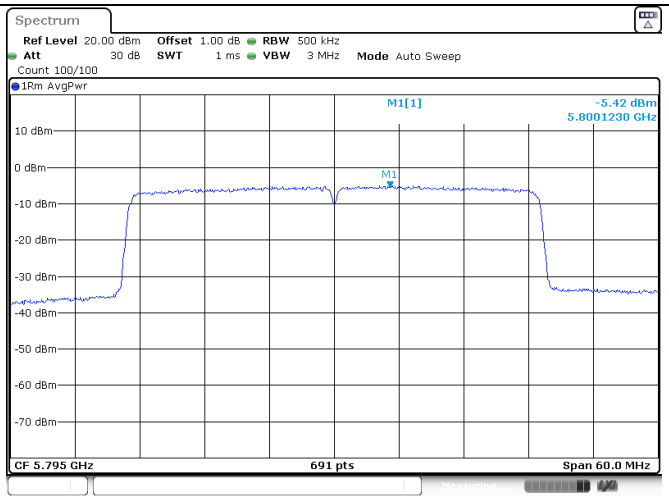
Band IV	802.11n (HT20)	Antenna 0
CH_L		
CH_M		
CH_H		

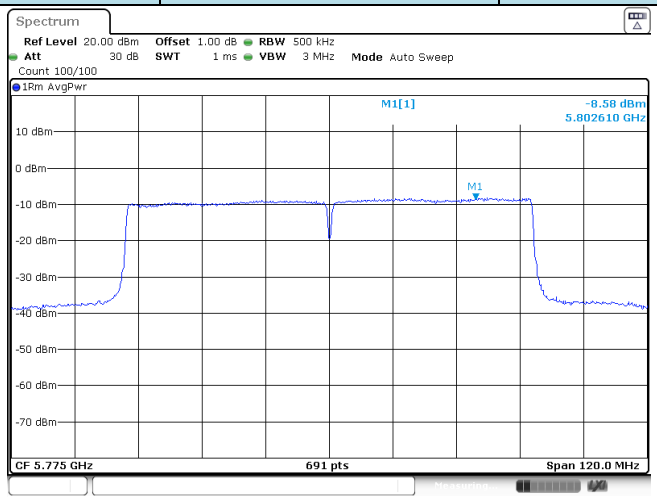
Band IV	802.11a	Antenna 0
CH_L		
CH_M		
CH_H		

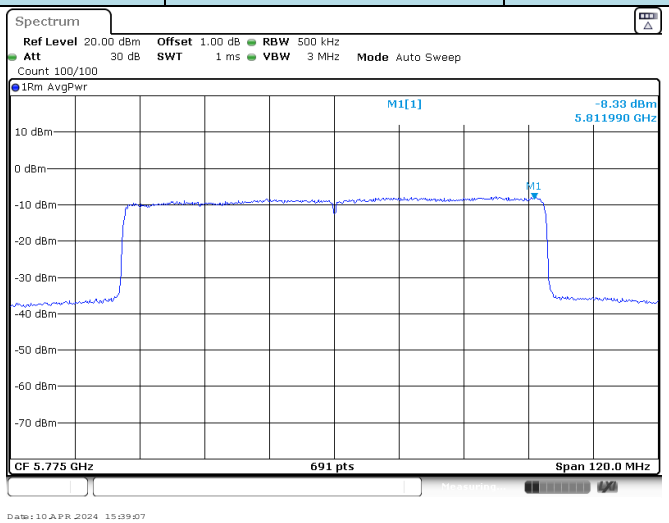
Band IV	802.11ax (HT20)	Antenna 0
CH_L		
CH_M		
CH_H		

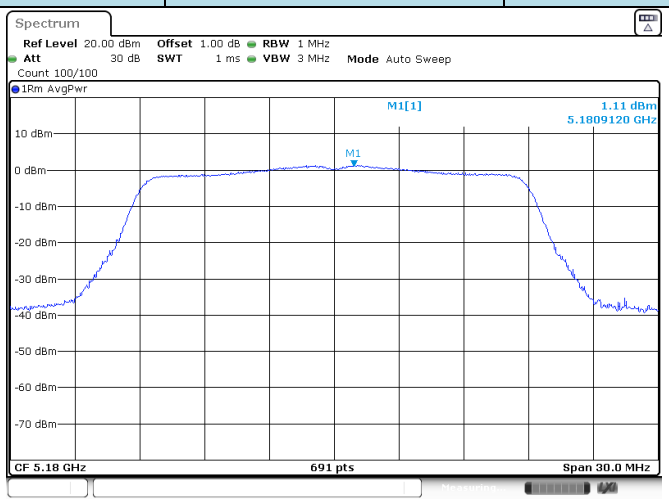
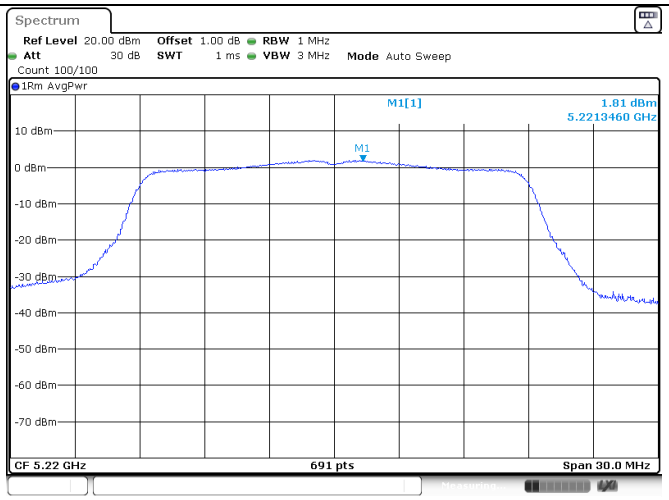
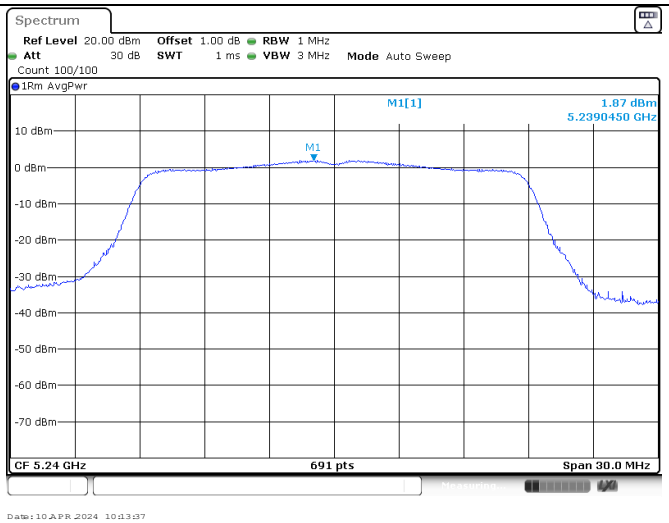
Band IV	802.11ac (HT40)	Antenna 0
CH_L		
CH_H		

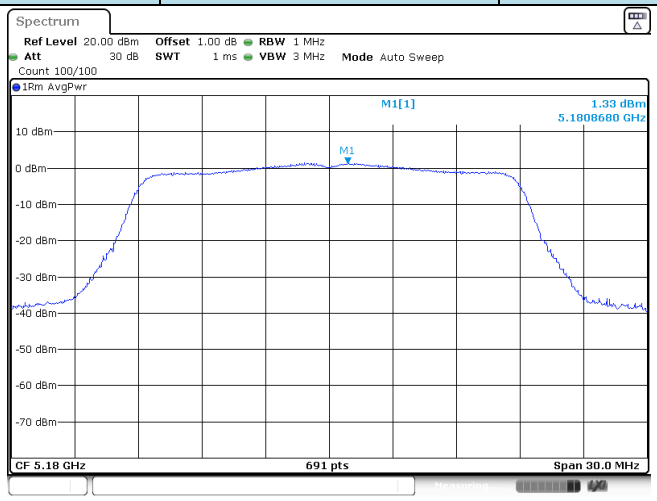
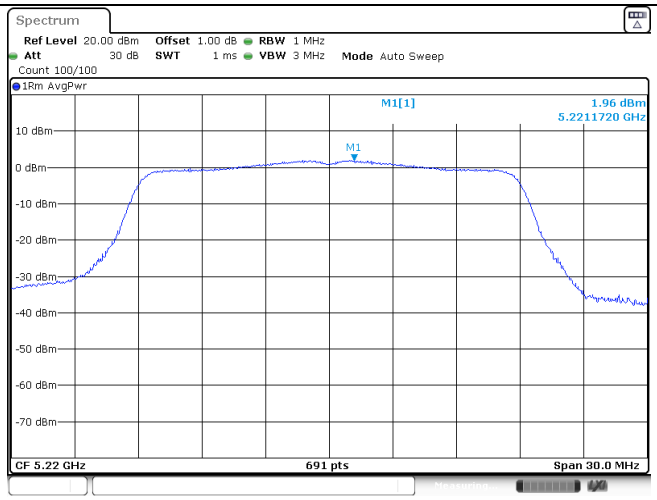
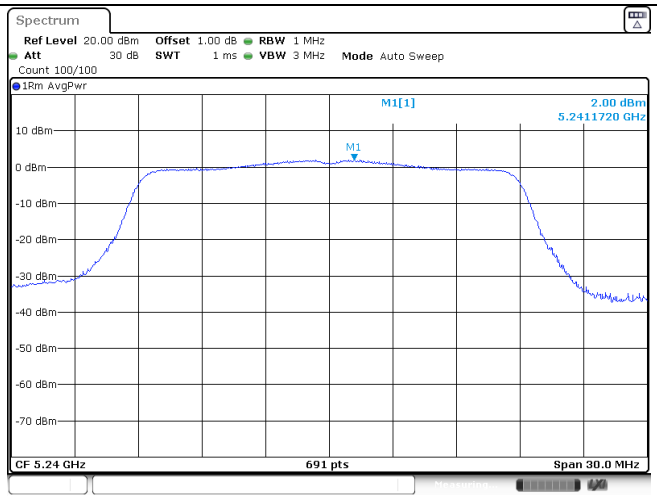
Band IV	802.11n (HT40)	Antenna 0
CH_L		
CH_H		

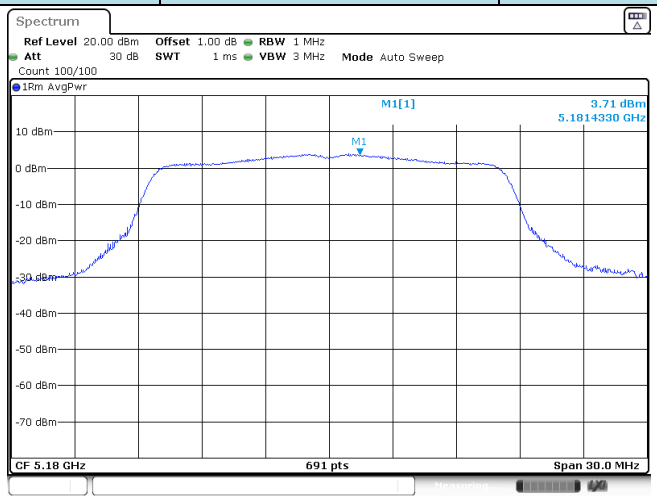
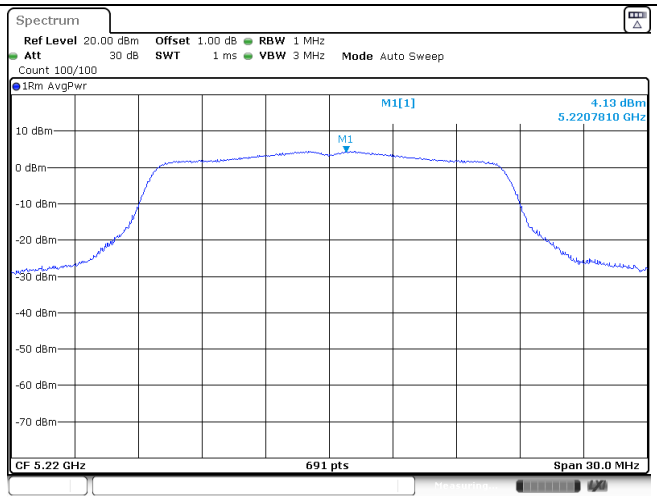
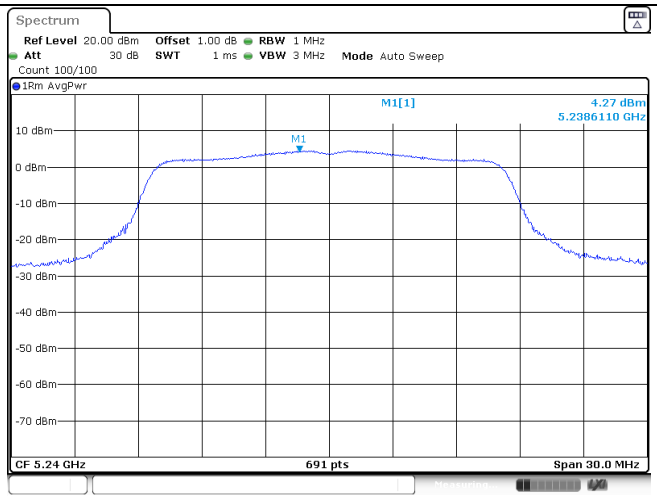
Band IV	802.11ax (HT40)	Antenna 0
CH_L		
CH_H		

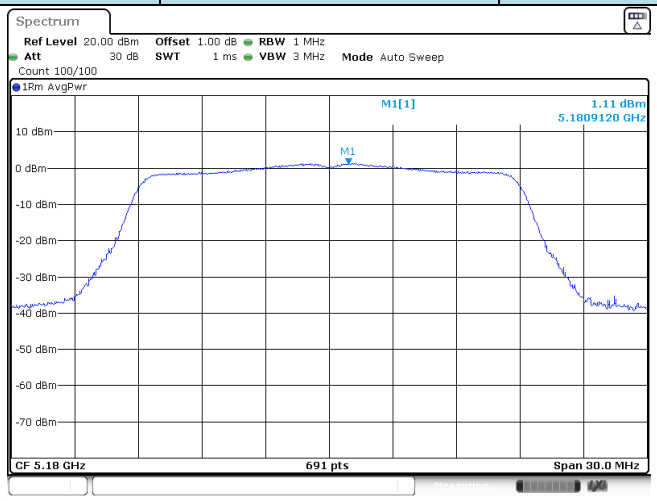
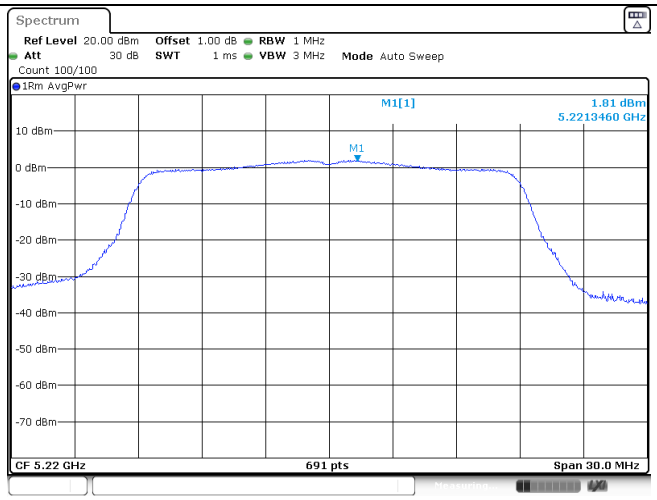
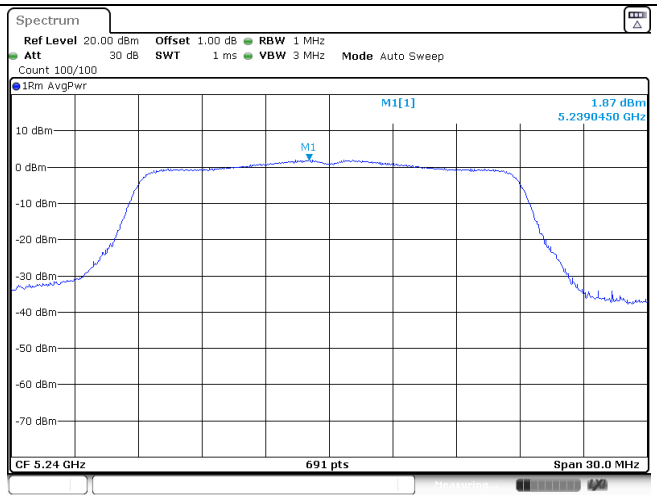
Band IV	802.11ac (HT80)	Antenna 0
CH_M		

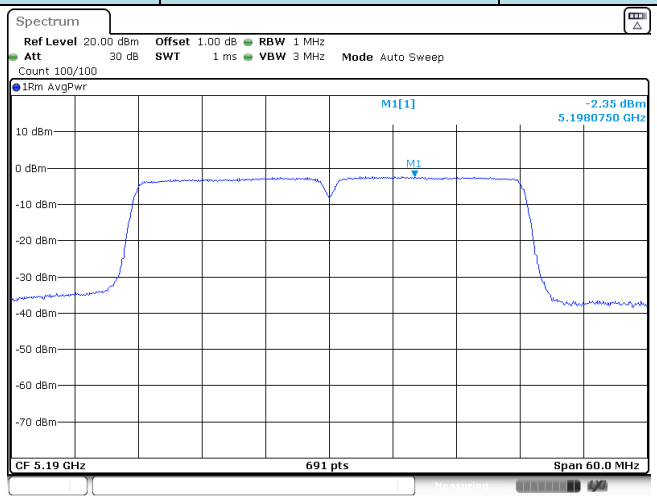
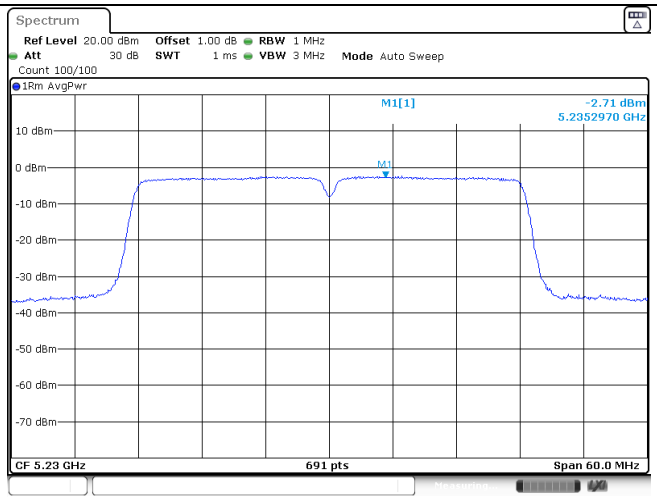
Band IV	802.11ax (HT80)	Antenna 0
CH_M		

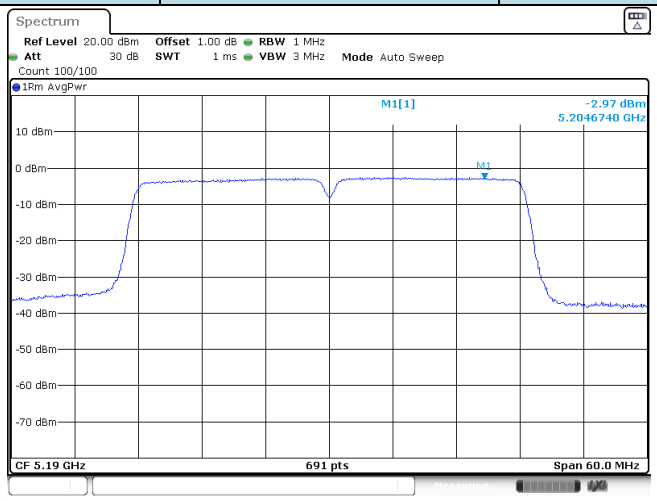
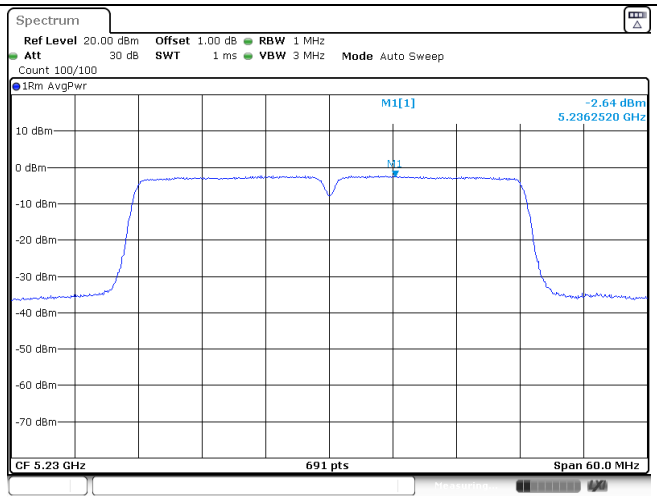
Band I	802.11ac (HT20)	Antenna 1
CH_L		
CH_M		
CH_H		

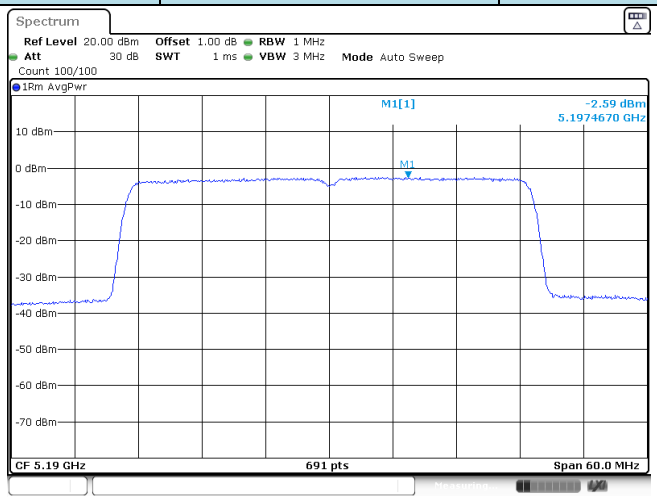
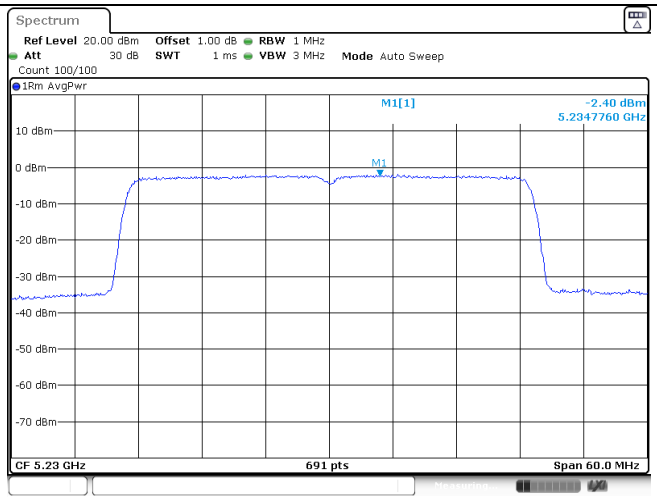
Band I	802.11n (HT20)	Antenna 1
CH_L		
CH_M		
CH_H		

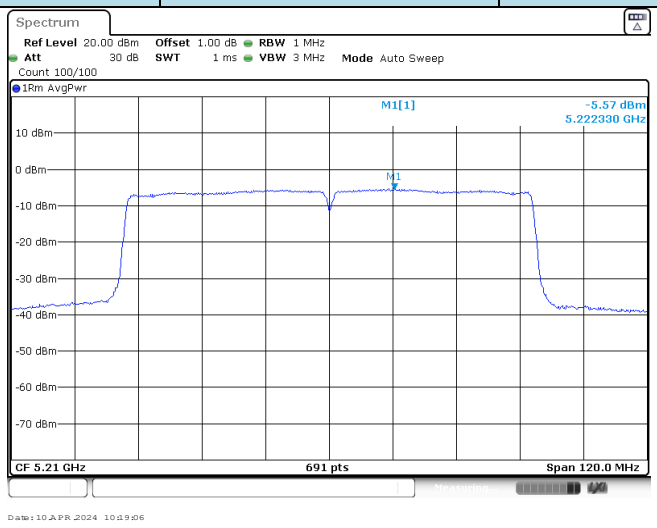
Band I	802.11a	Antenna 1
CH_L		
CH_M		
CH_H		

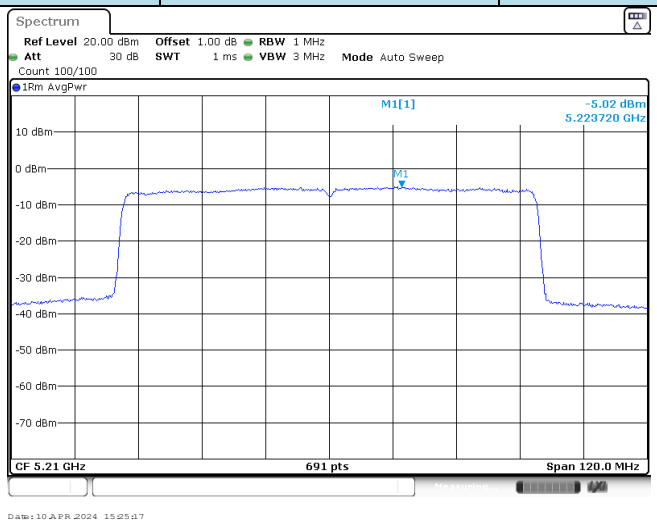
Band I	802.11ax (HT20)	Antenna 1
CH_L		
CH_M		
CH_H		

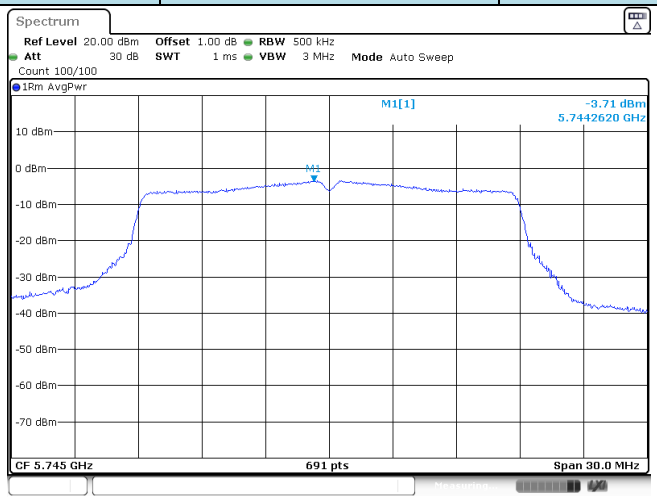
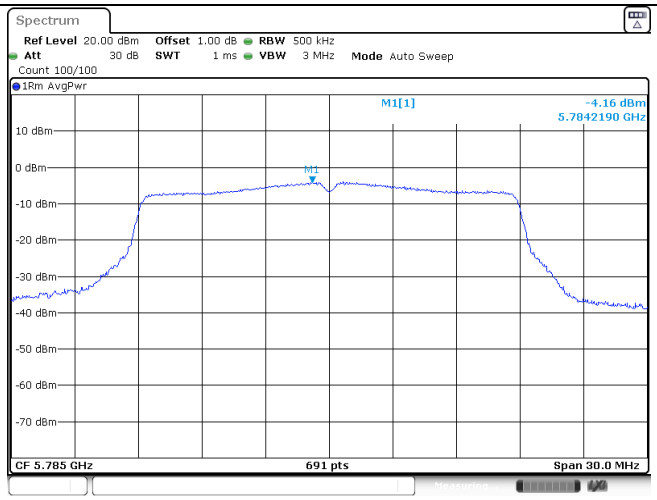
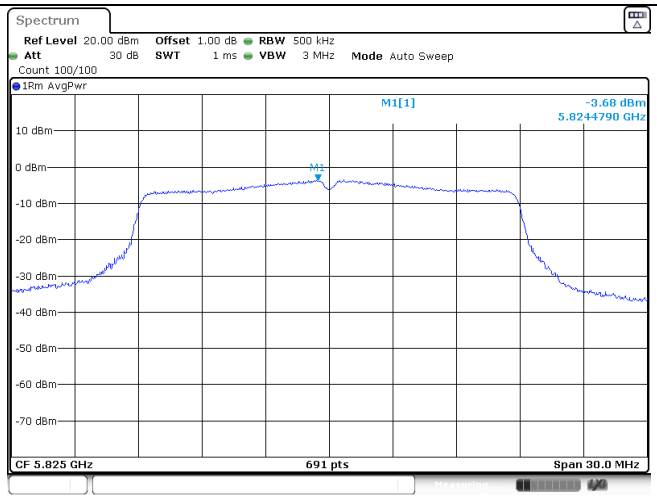
Band I	802.11ac (HT40)	Antenna 1
CH_L		
CH_H		

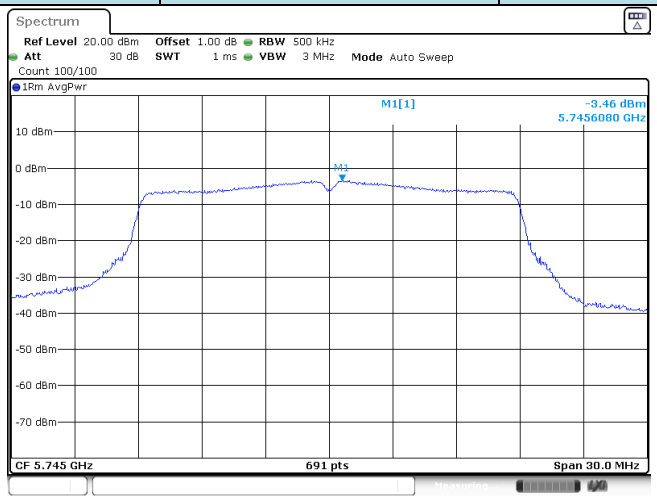
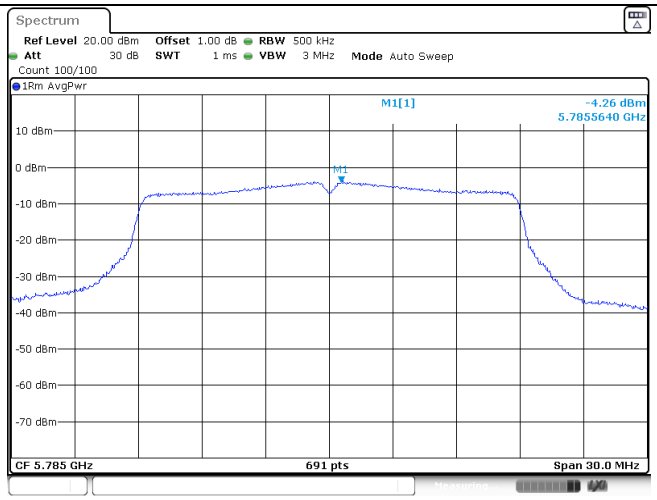
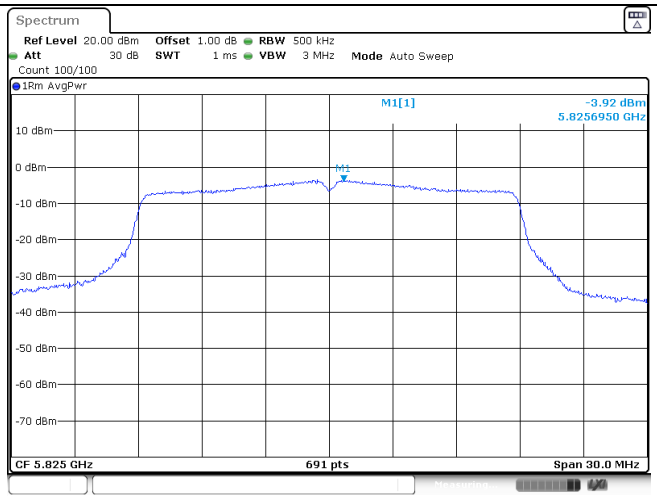
Band I	802.11n (HT40)	Antenna 1
CH_L		
CH_H		

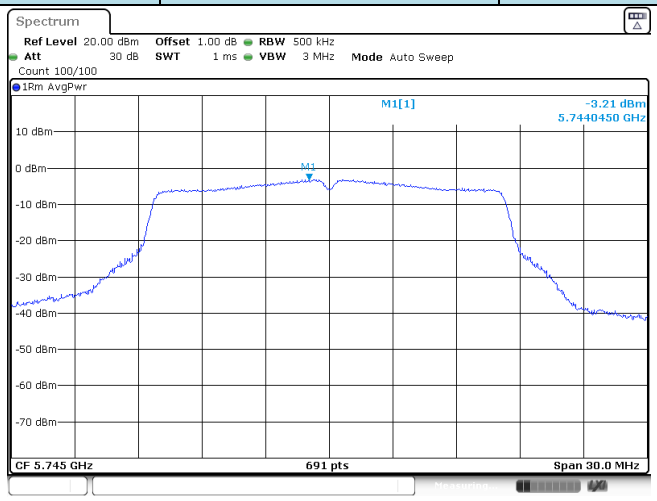
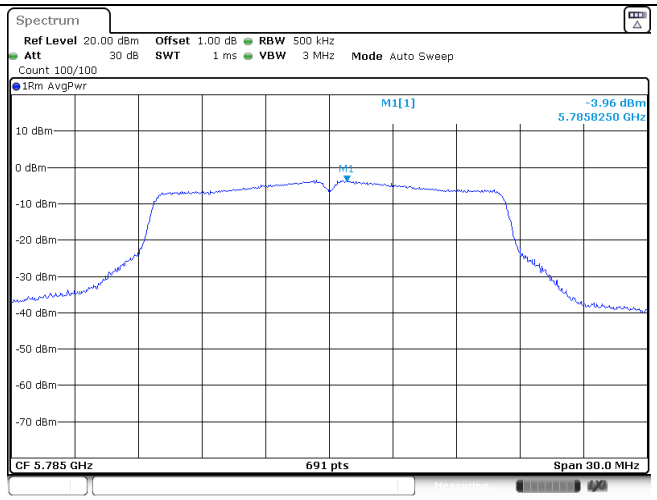
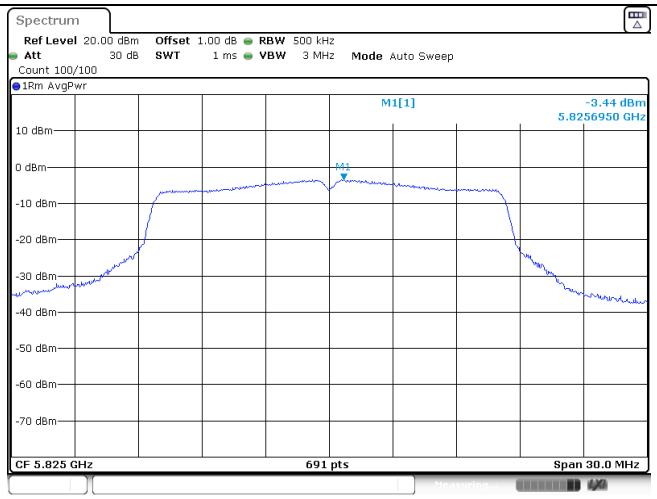
Band I	802.11ax (HT40)	Antenna 1
CH_L		
CH_H		

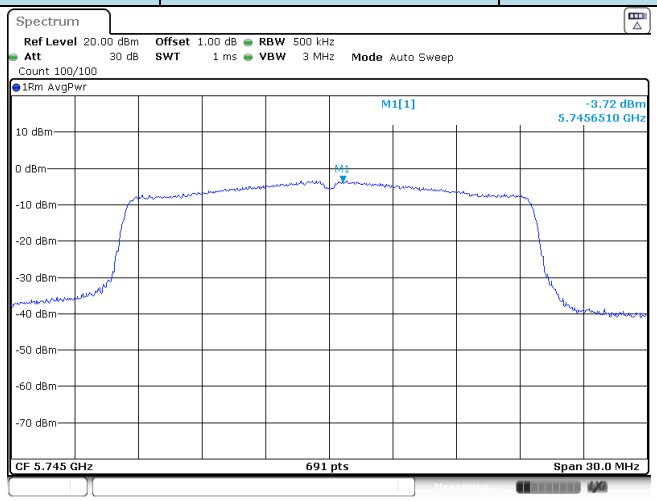
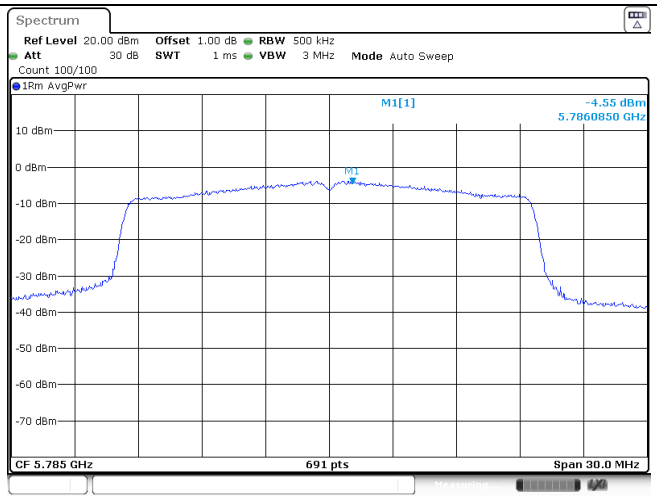
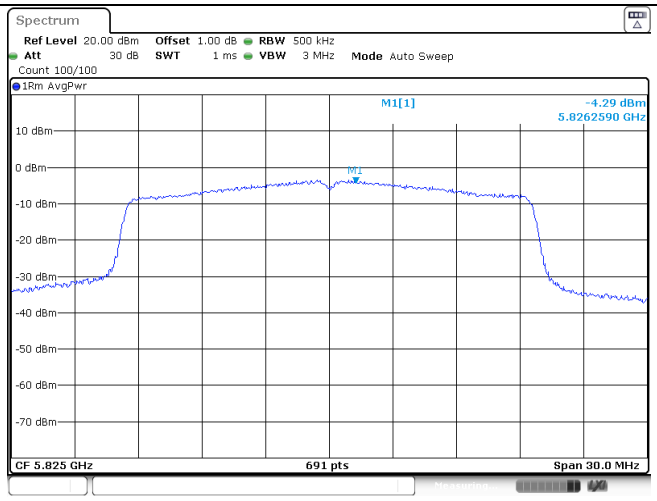
Band I	802.11ac (HT80)	Antenna 1
CH_M		

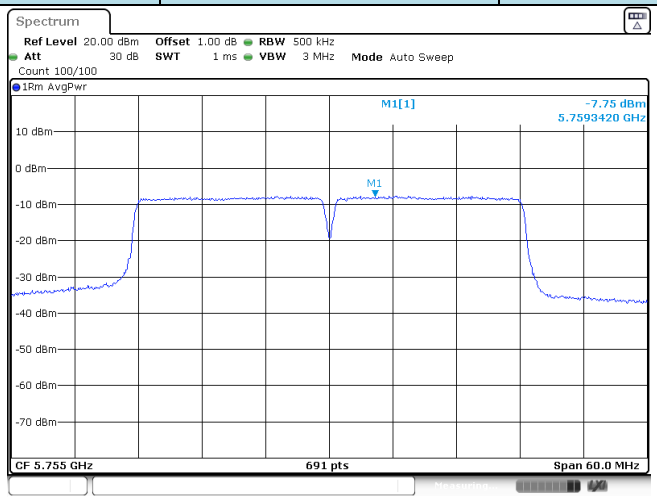
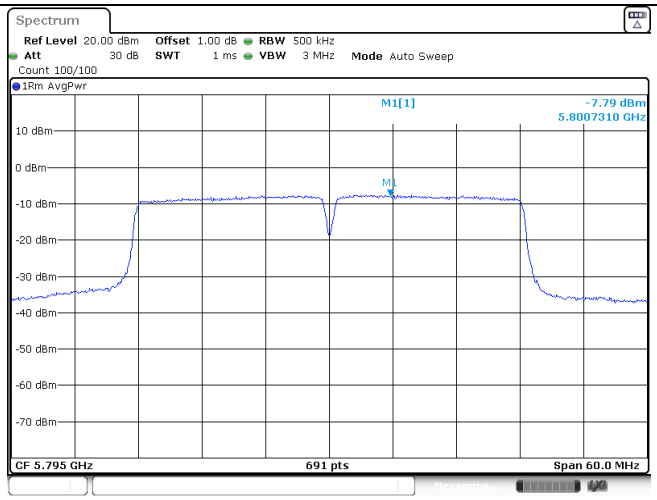
Band I	802.11ax (HT80)	Antenna 1
CH_M		

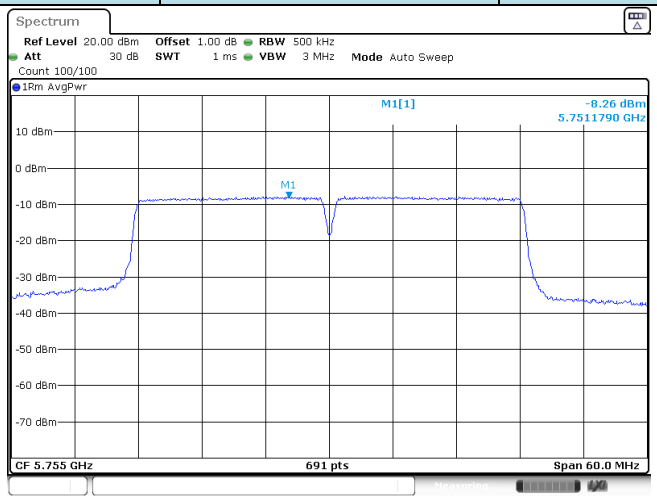
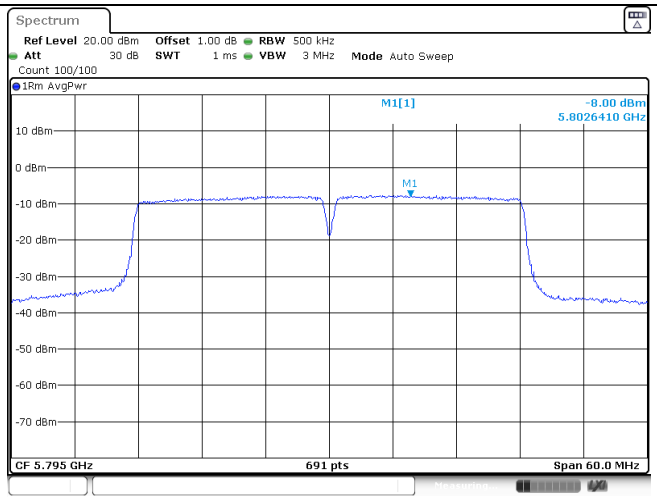
Band IV	802.11ac (HT20)	Antenna 1
CH_L		
CH_M		
CH_H		

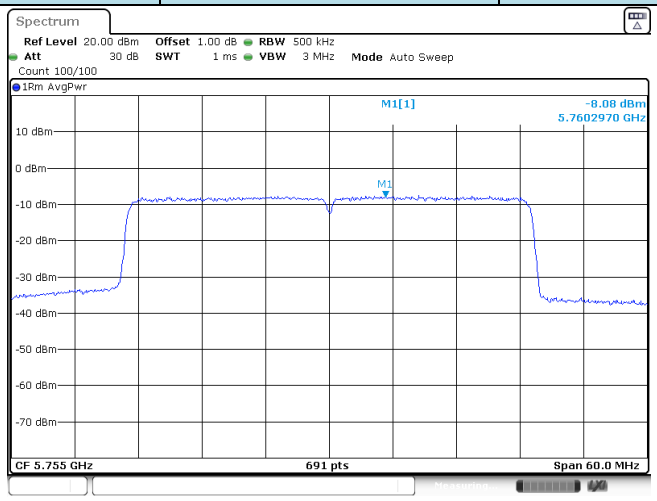
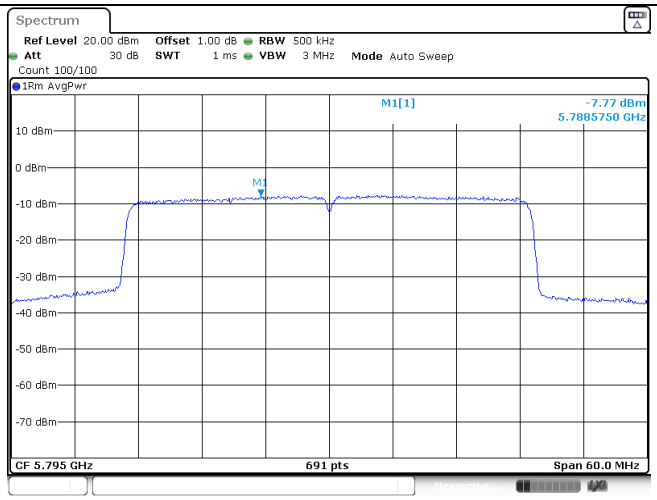
Band IV	802.11n (HT20)	Antenna 1
CH_L		
CH_M		
CH_H		

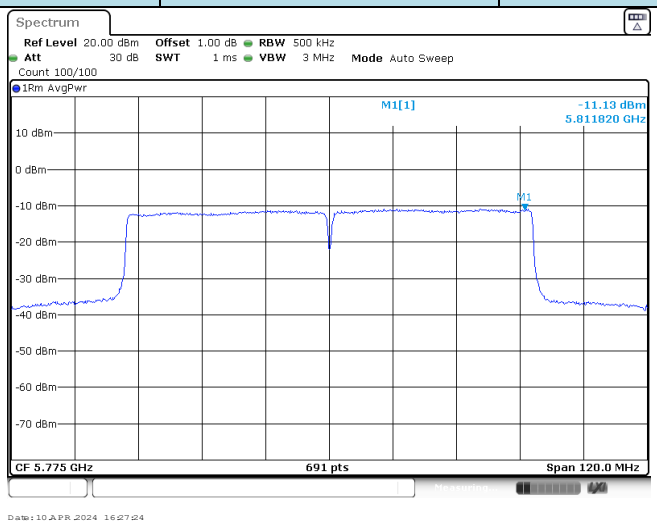
Band IV	802.11a	Antenna 1
CH_L		
CH_M		
CH_H		

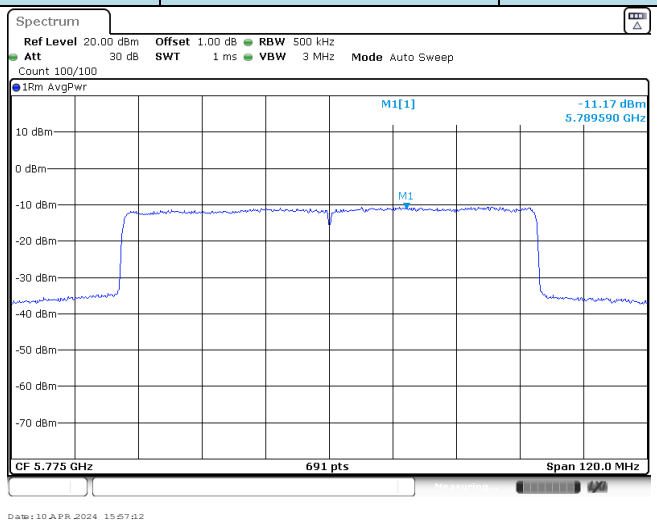
Band IV	802.11ax (HT20)	Antenna 1
CH_L		
CH_M		
CH_H		

Band IV	802.11ac (HT40)	Antenna 1
CH_L		
CH_H		

Band IV	802.11n (HT40)	Antenna 1
CH_L		
CH_H		

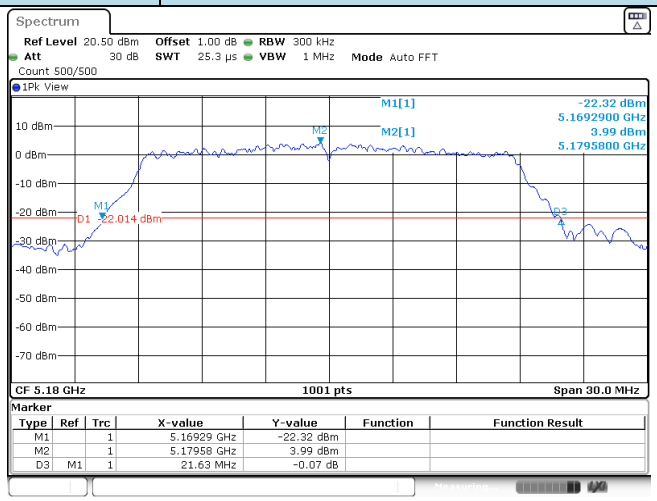
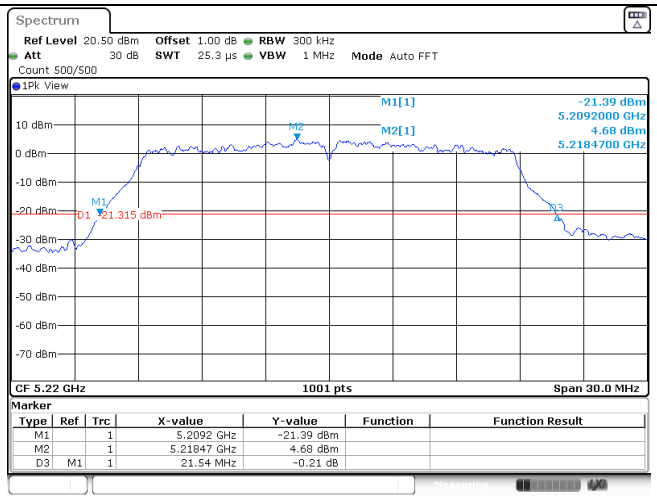
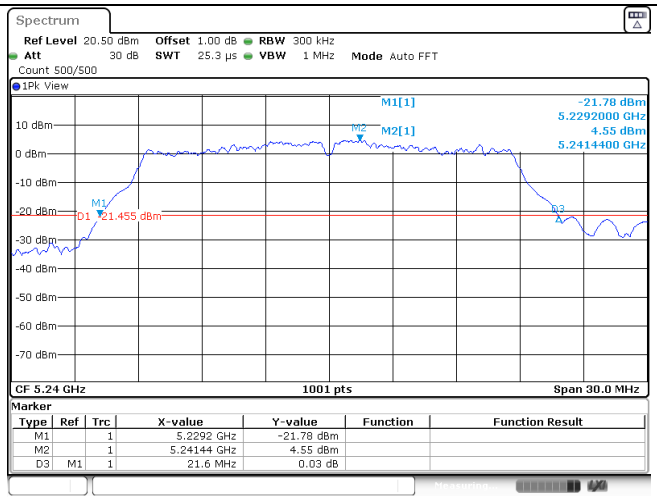
Band IV	802.11ax (HT40)	Antenna 1
CH_L		
CH_H		

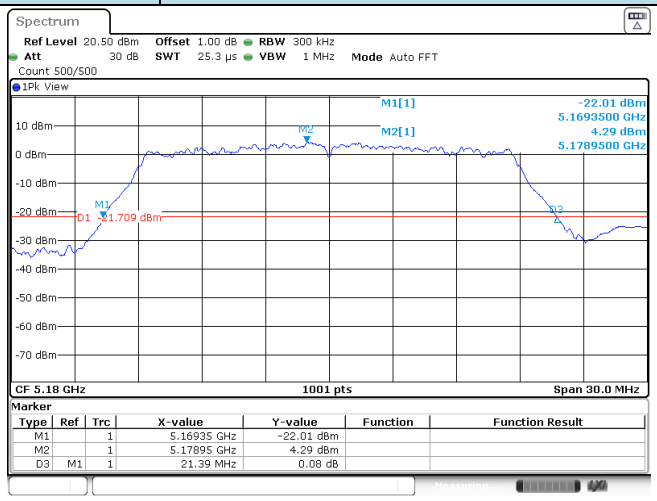
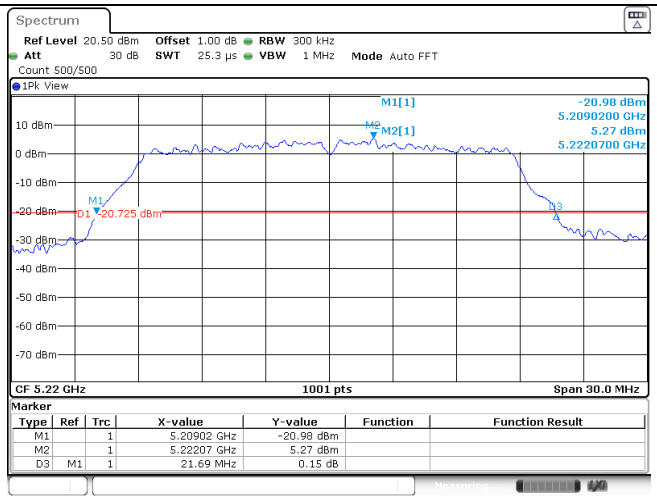
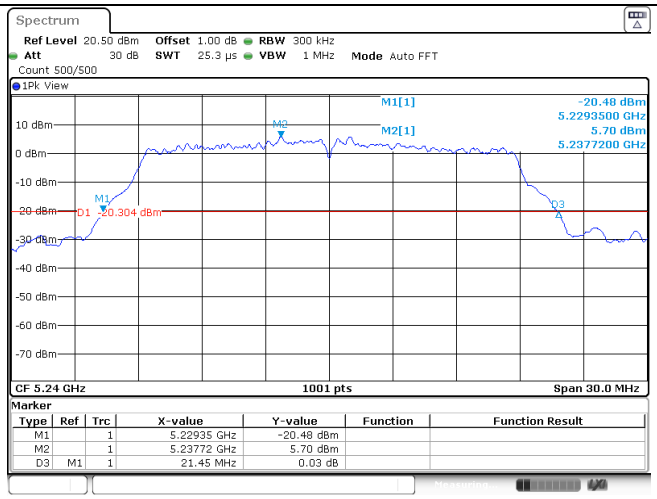
Band IV	802.11ac (HT80)	Antenna 1
CH_M		

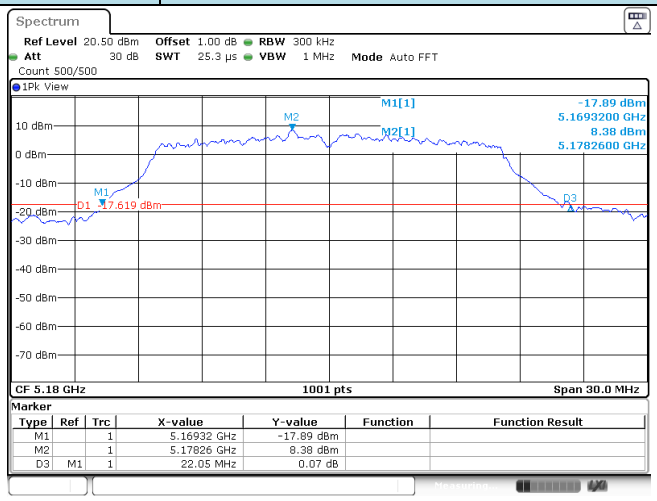
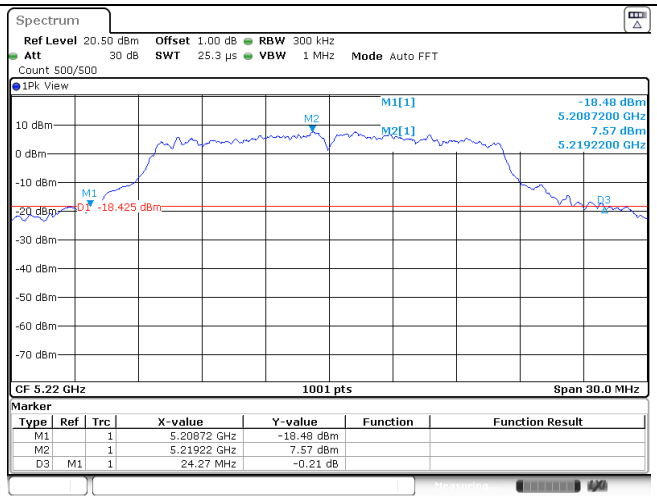
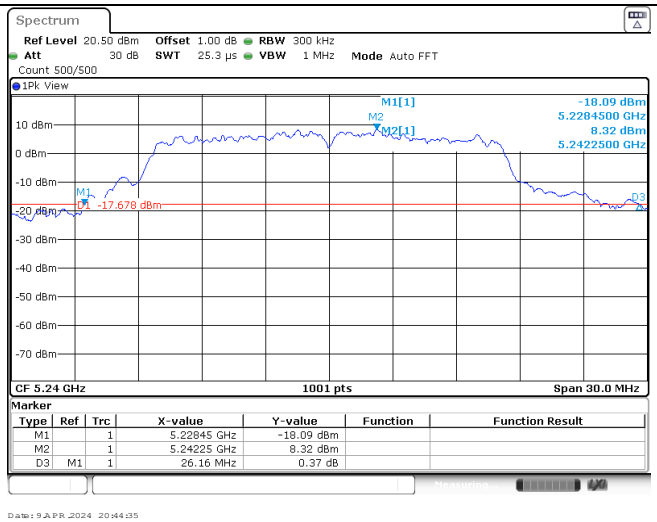
Band IV	802.11ax (HT80)	Antenna 1
CH_M		

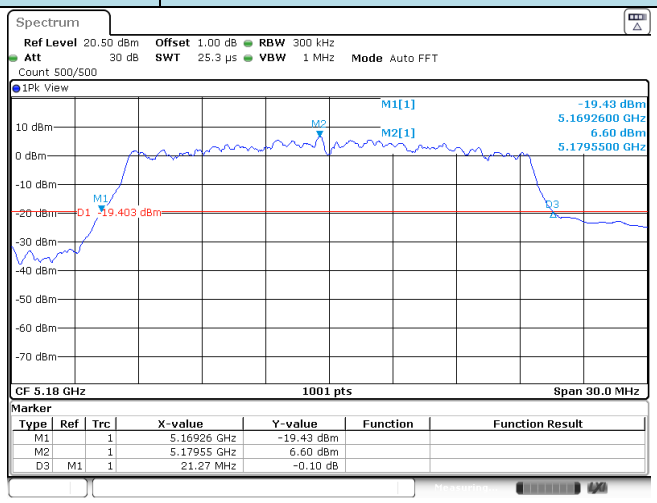
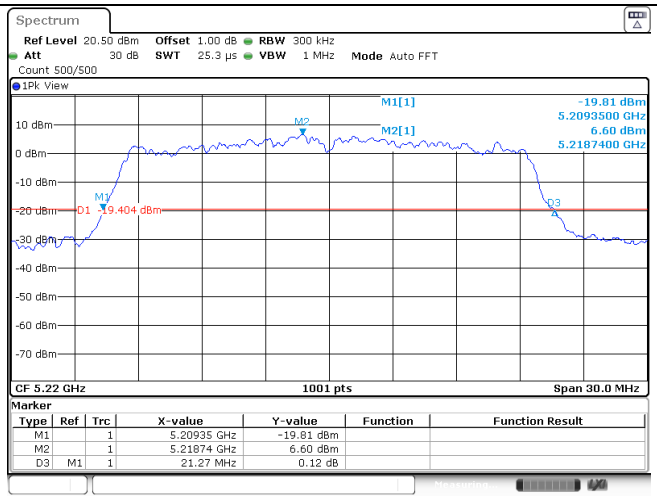
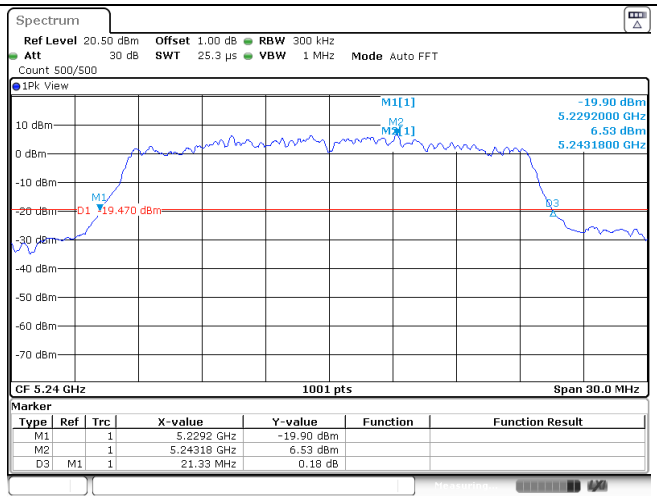
Appendix C：26dB bandwidth

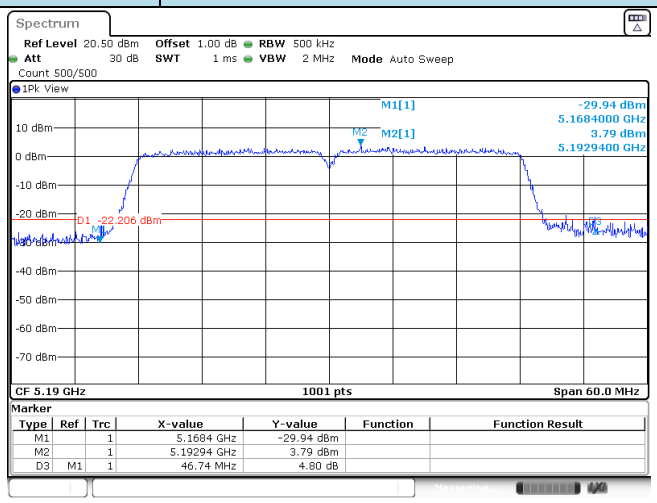
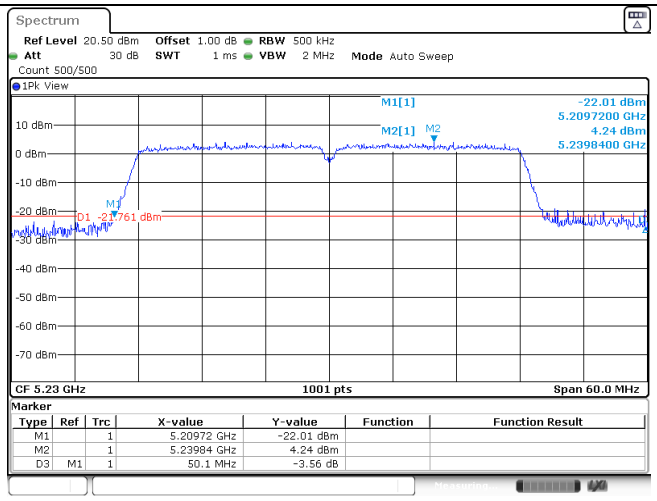
Band	Bandwidth (MHz)	Type	Channel	26dB bandwidth (MHz)	Result
I	20	802.11ac	CH_L	21.63	Pass
			CH_M	21.54	
			CH_H	21.60	
		802.11n	CH_L	21.39	Pass
			CH_M	21.69	
			CH_H	21.45	
		802.11a	CH_L	22.05	Pass
			CH_M	24.27	
			CH_H	26.16	
		802.11ax	CH_L	21.27	Pass
			CH_M	21.27	
			CH_H	21.33	
	40	802.11ac	CH_L	46.74	Pass
			CH_H	50.10	
		802.11n	CH_L	48.54	Pass
			CH_H	52.80	
		802.11ax	CH_L	40.44	Pass
			CH_H	40.38	
	80	802.11ac	CH_M	86.28	Pass
		802.11ax	CH_M	82.44	Pass

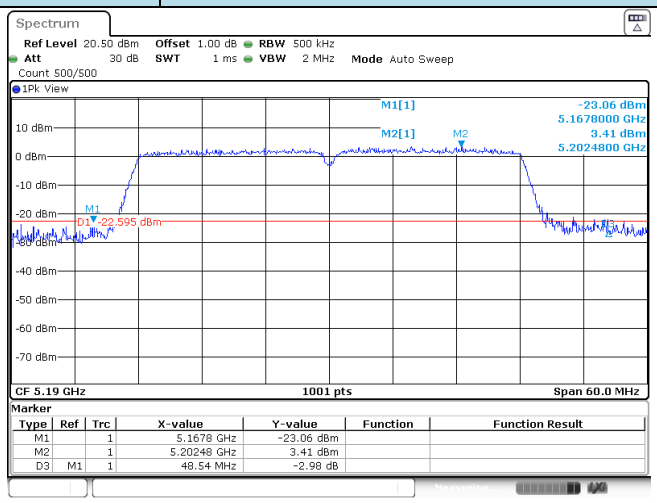
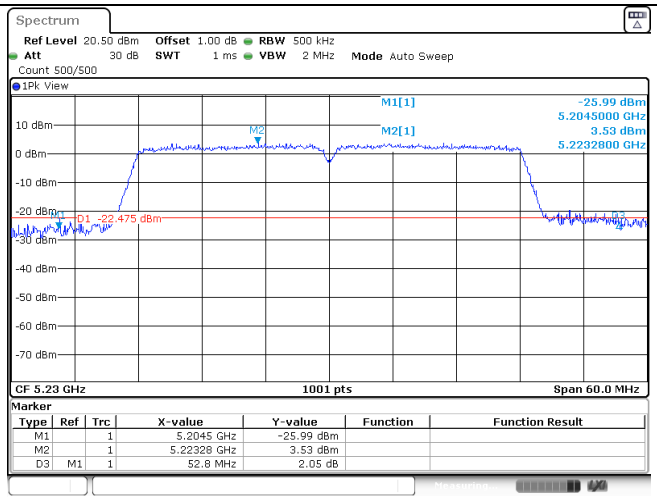
Band I	802.11ac (HT20)
CH_L	
CH_M	
CH_H	

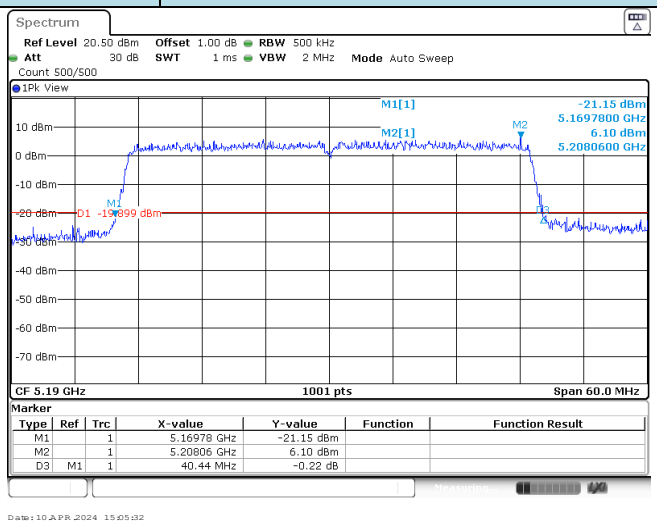
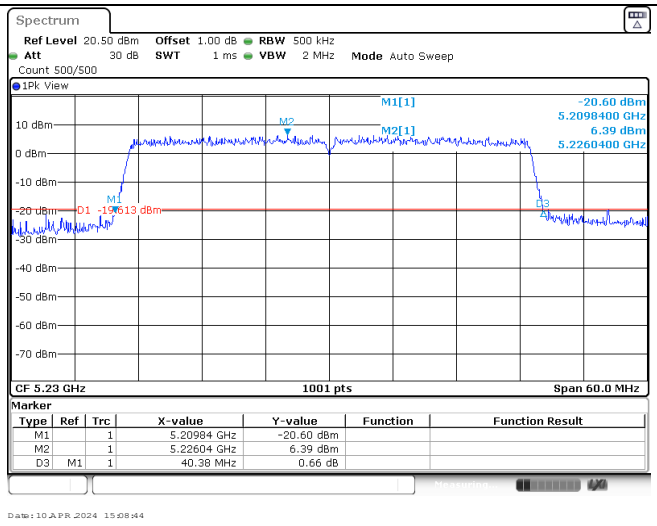
Band I	802.11n (HT20)
CH_L	
CH_M	
CH_H	

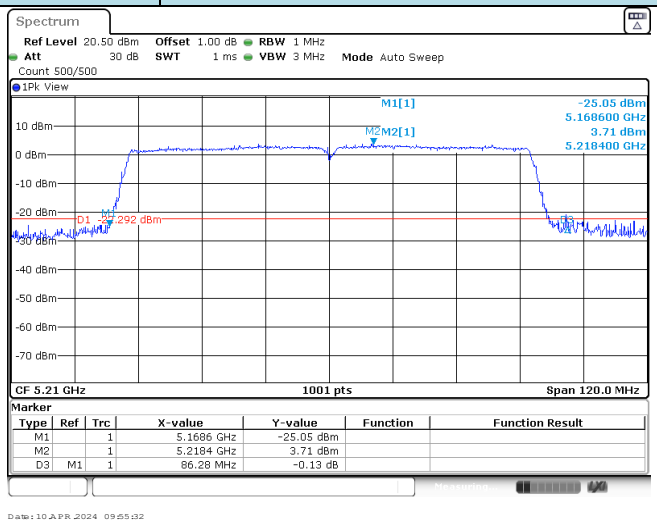
Band I	802.11a
CH_L	
CH_M	
CH_H	

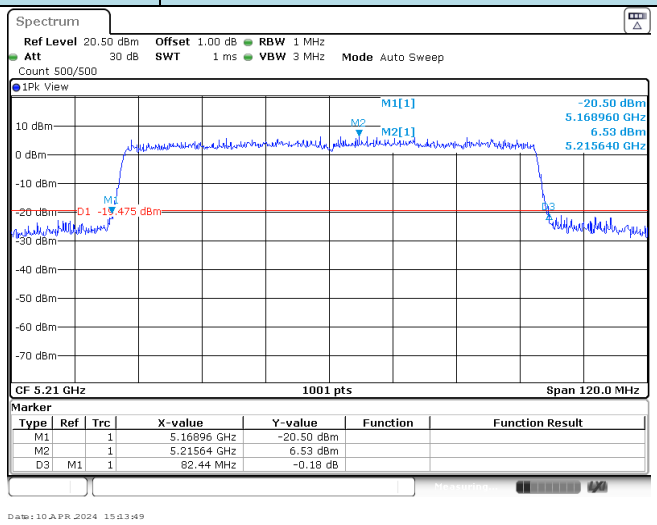
Band I	802.11ax (HT20)
CH_L	
CH_M	
CH_H	

Band I	802.11ac (HT40)
CH_L	
CH_H	

Band I	802.11n (HT40)
CH_L	
CH_H	

Band I	802.11ax (HT40)
CH_L	
CH_H	

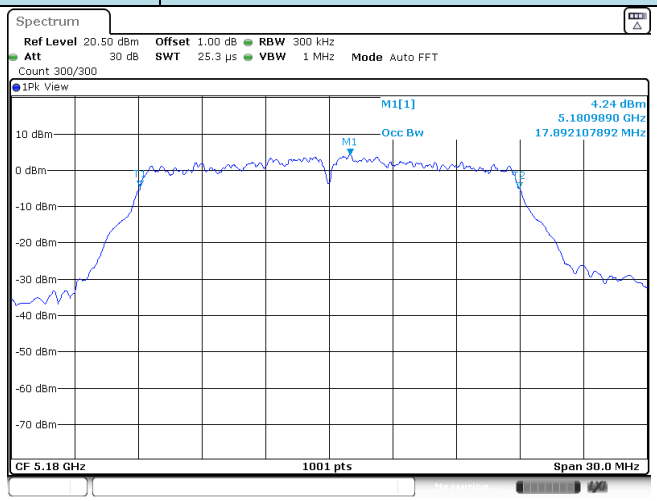
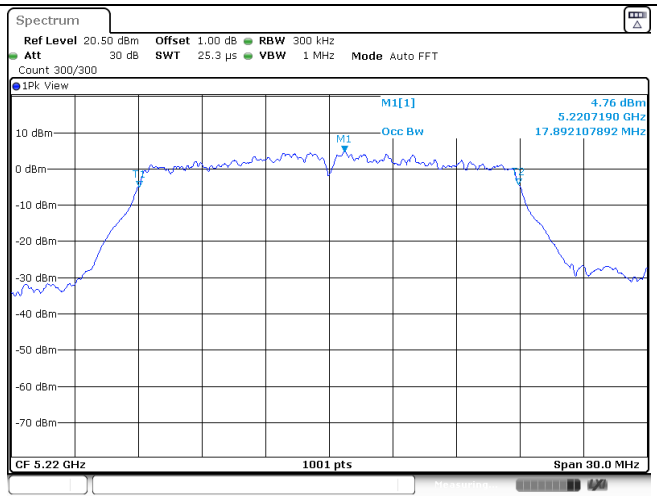
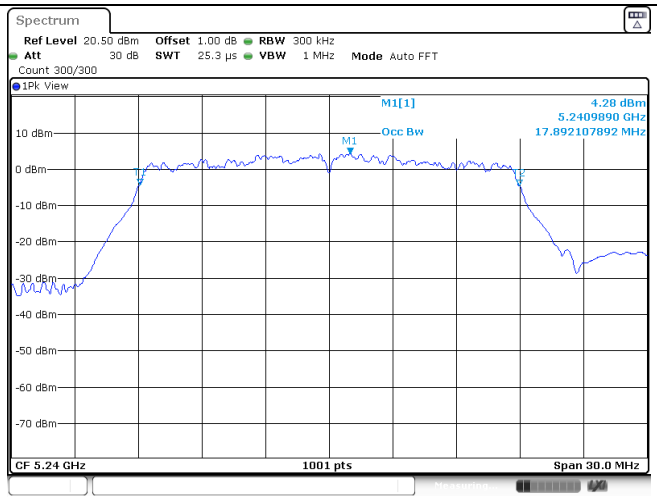
Band I	802.11ac (HT80)
CH_M	

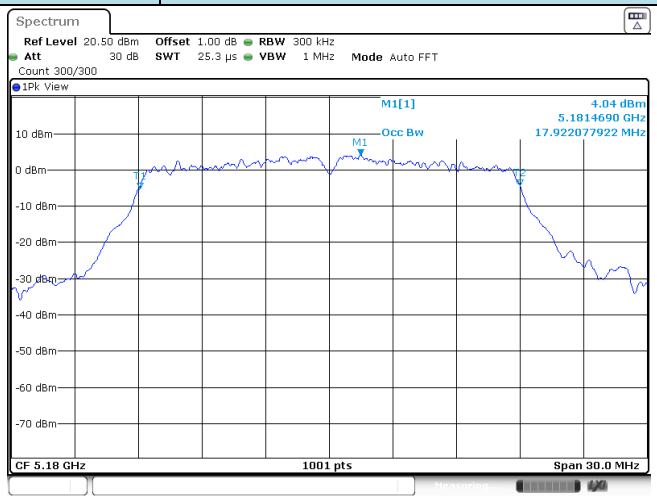
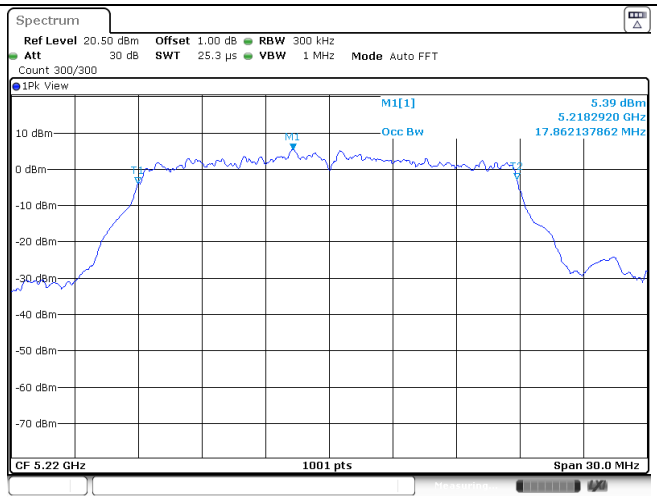
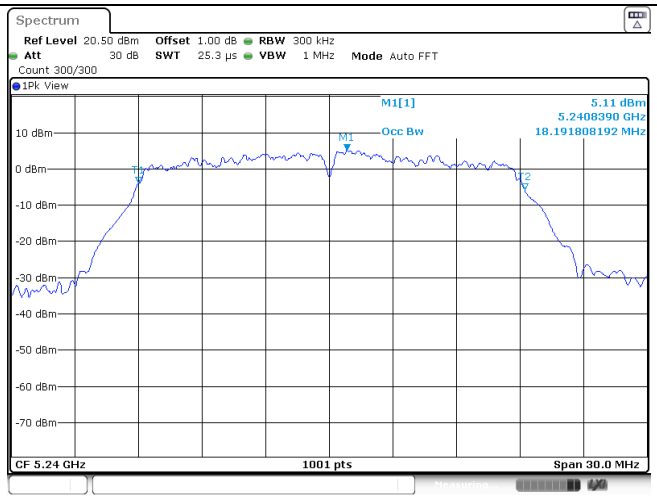
Band I	802.11ax (HT80)
CH_M	

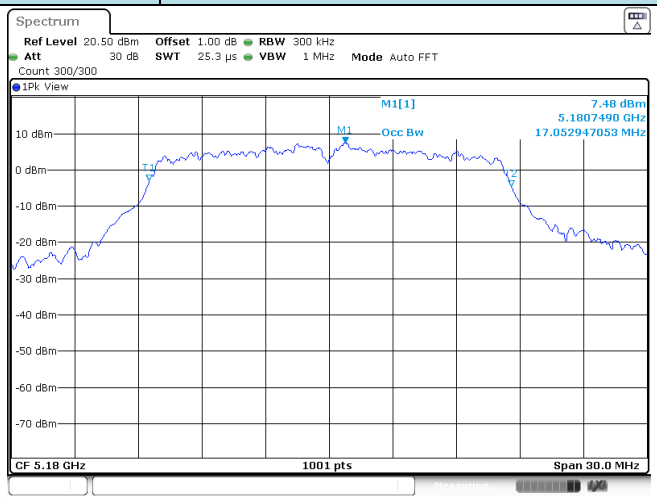
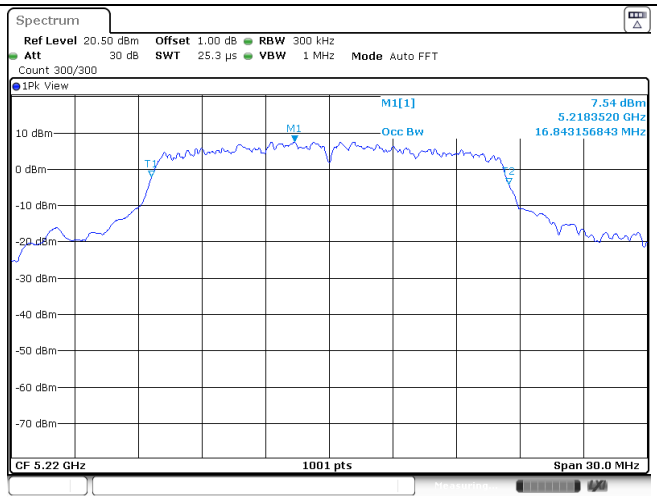
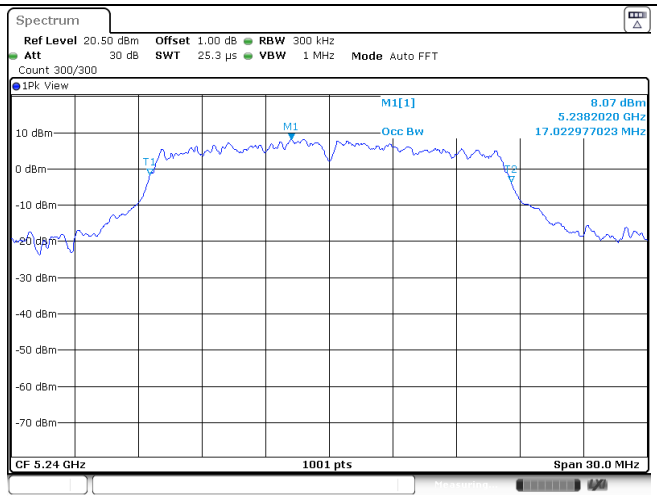
Appendix D：99% Occupy bandwidth

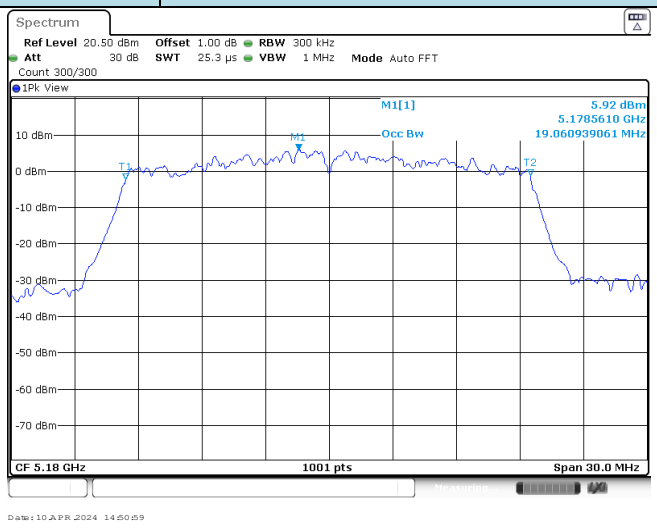
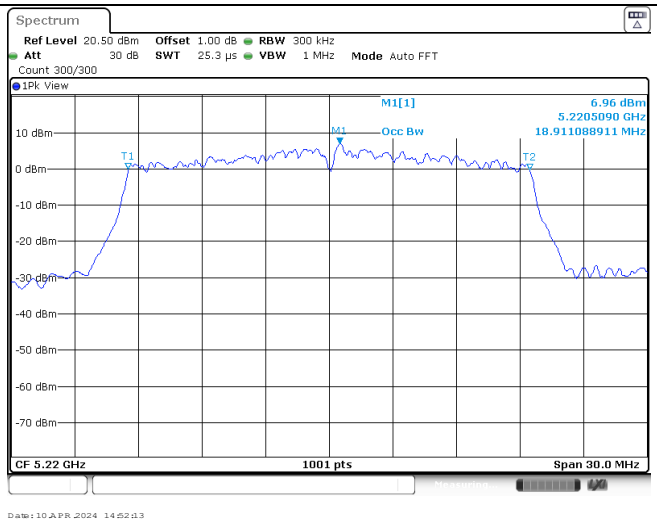
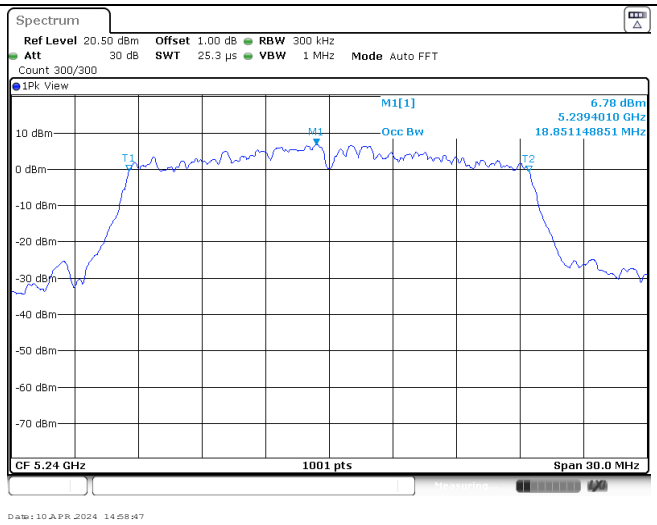
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
I	20	802.11ac	CH_L	17.89	Pass
			CH_M	17.89	
			CH_H	17.89	
		802.11n	CH_L	17.92	Pass
			CH_M	17.86	
			CH_H	18.19	
		802.11a	CH_L	17.05	Pass
			CH_M	16.84	
			CH_H	17.02	
		802.11ax	CH_L	19.06	Pass
			CH_M	18.91	
			CH_H	18.85	
	40	802.11ac	CH_L	36.50	Pass
			CH_H	36.62	
		802.11n	CH_L	36.56	Pass
			CH_H	36.56	
		802.11ax	CH_L	37.64	Pass
			CH_H	37.70	
	80	802.11ac	CH_M	75.76	Pass
		802.11ax	CH_M	77.20	

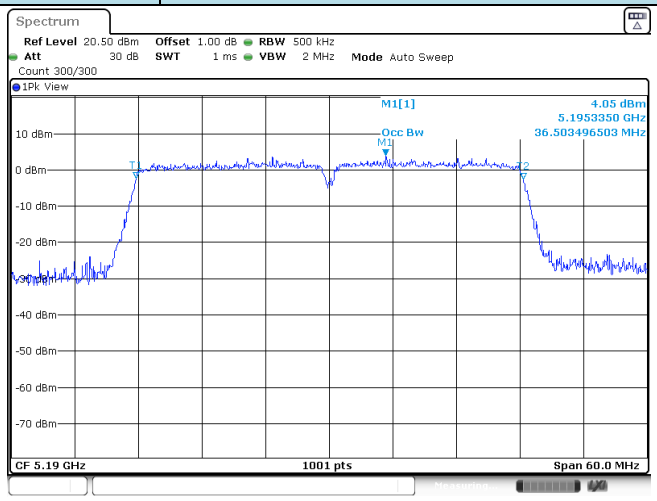
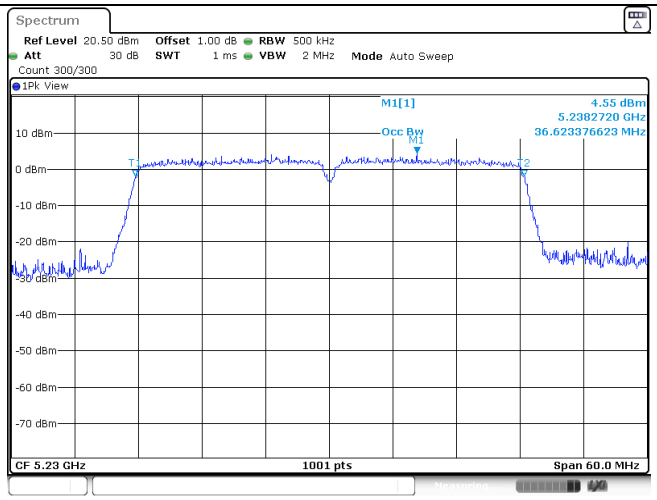
Band	Bandwidth (MHz)	Type	Channel	99% Occupy bandwidth (MHz)	Result
IV	20	802.11ac	CH_L	18.19	Pass
			CH_M	18.04	
			CH_H	18.07	
		802.11n	CH_L	18.16	Pass
			CH_M	17.77	
			CH_H	17.98	
		802.11a	CH_L	17.62	Pass
			CH_M	16.84	
			CH_H	16.96	
		802.11ax	CH_L	18.97	Pass
			CH_M	18.85	
			CH_H	18.88	
	40	802.11ac	CH_L	36.62	Pass
			CH_H	36.56	
		802.11n	CH_L	36.73	Pass
			CH_H	36.64	
		802.11ax	CH_L	37.70	Pass
			CH_H	37.64	
	80	802.11ac	CH_M	76.24	Pass
		802.11ax	CH_M	77.32	Pass

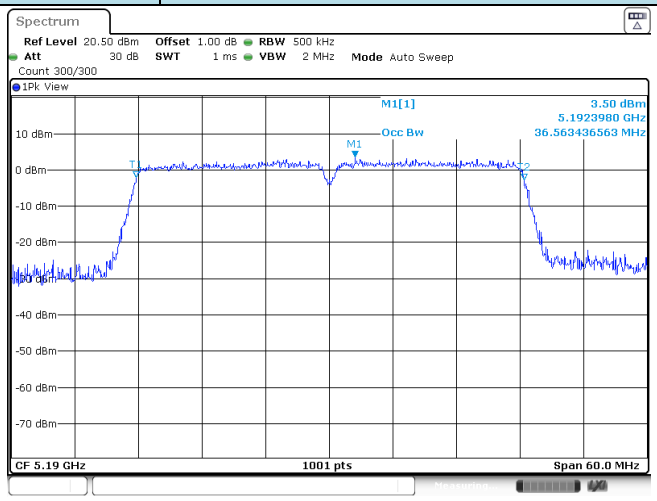
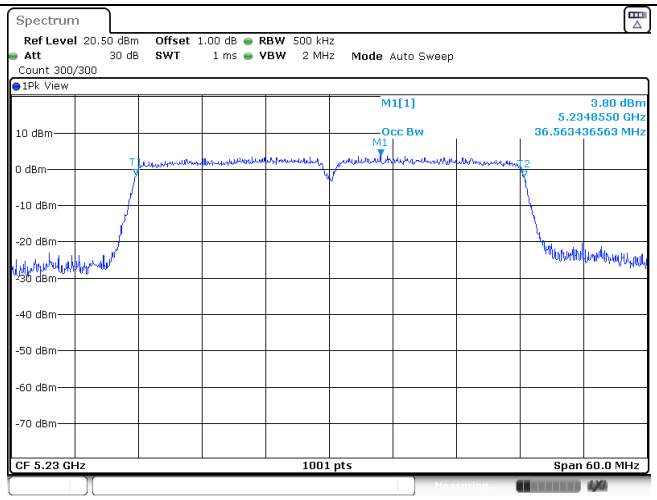
Band I	802.11ac (HT20)
CH_L	
CH_M	
CH_H	

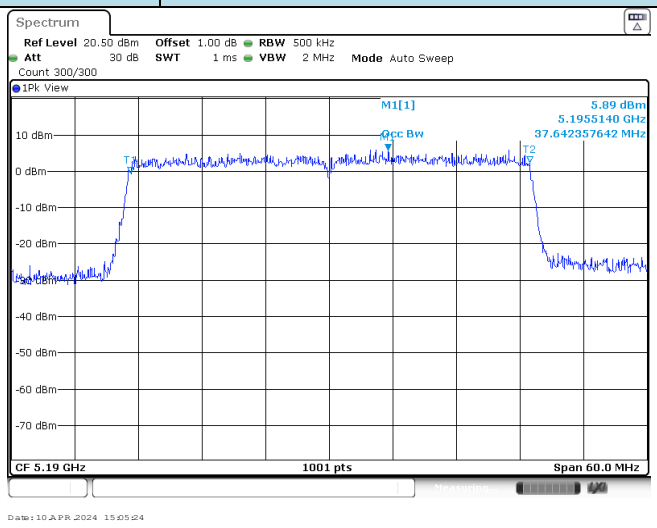
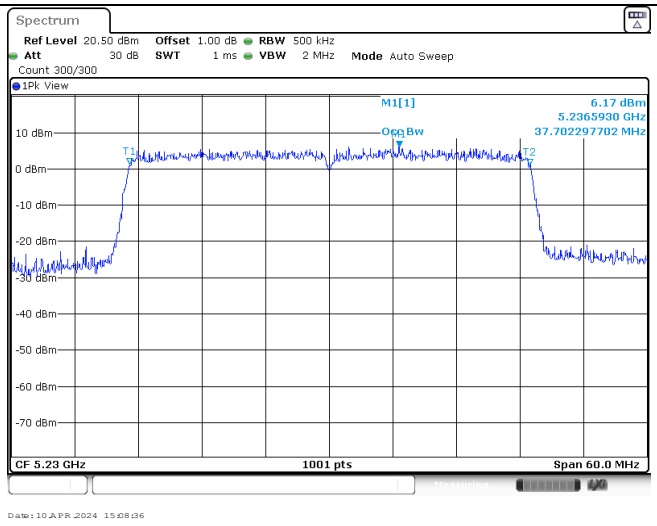
Band I	802.11n (HT20)
CH_L	
CH_M	
CH_H	

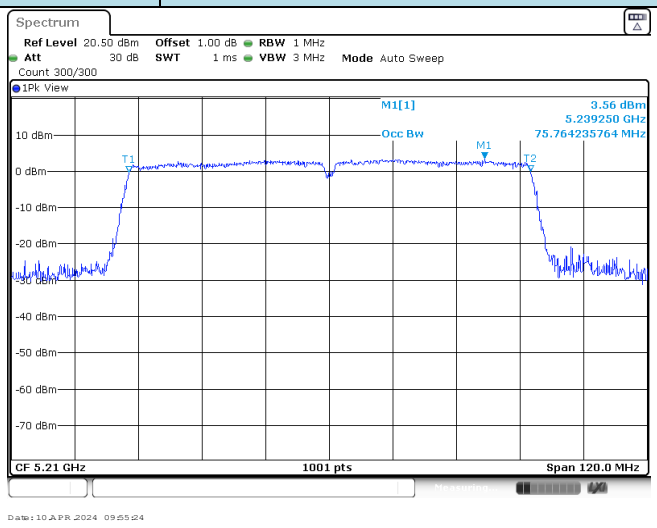
Band I	802.11a
CH_L	
CH_M	
CH_H	

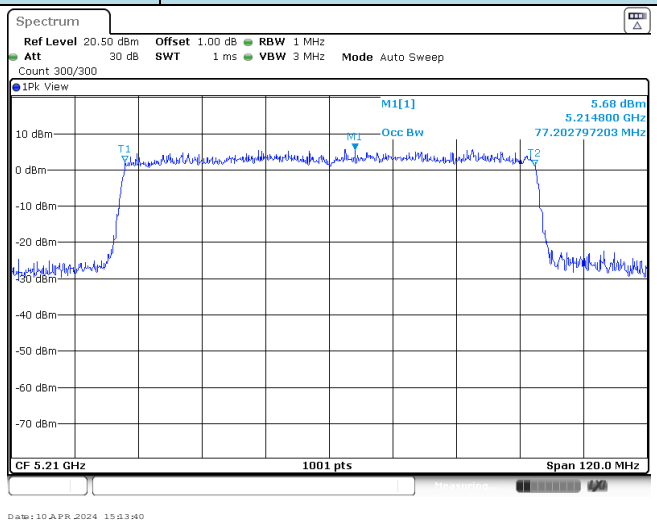
Band I	802.11ax (HT20)
CH_L	
CH_M	
CH_H	

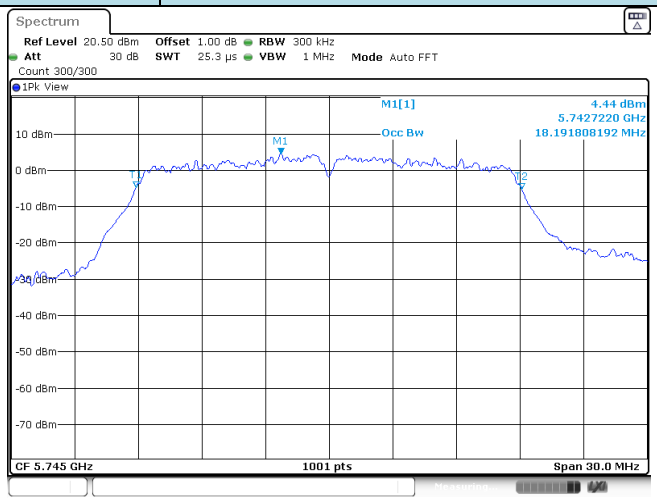
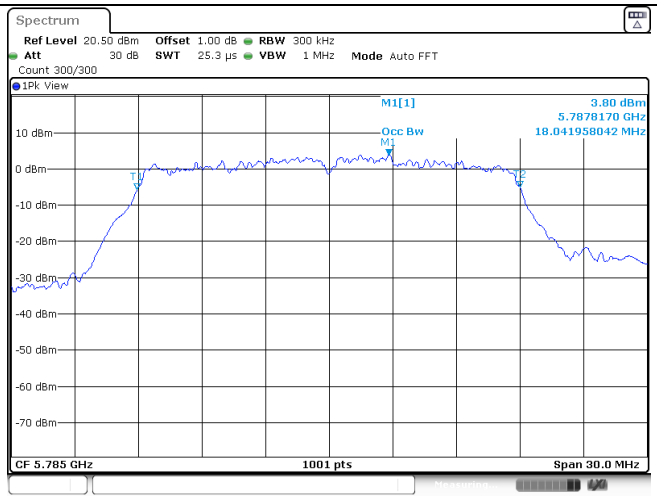
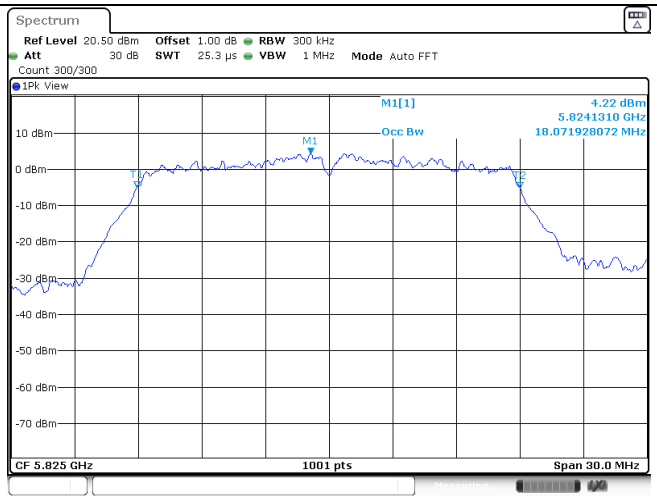
Band I	802.11ac (HT40)
CH_L	
CH_H	

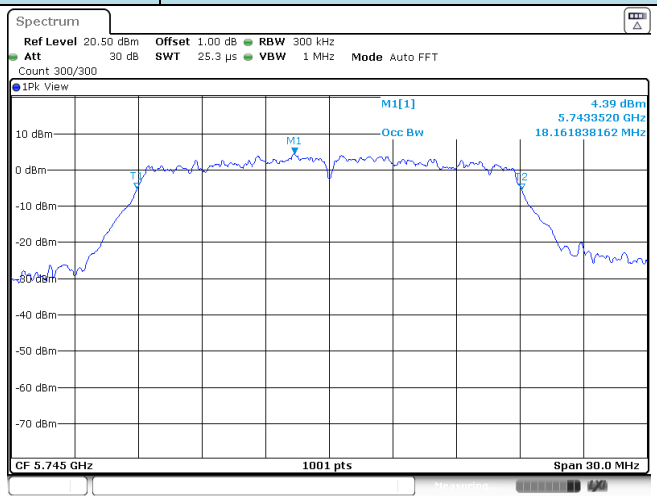
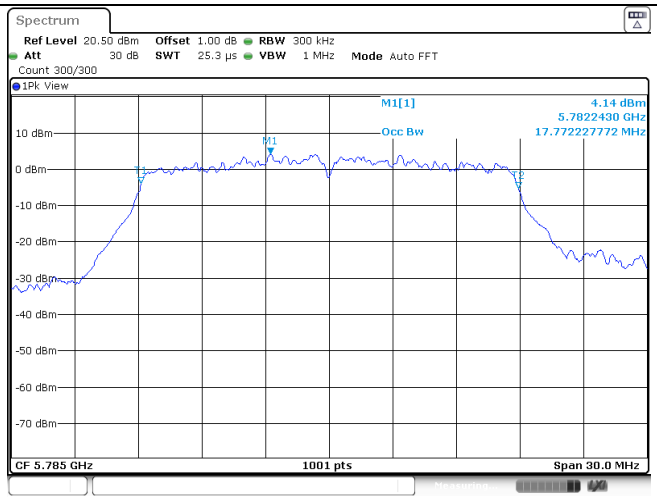
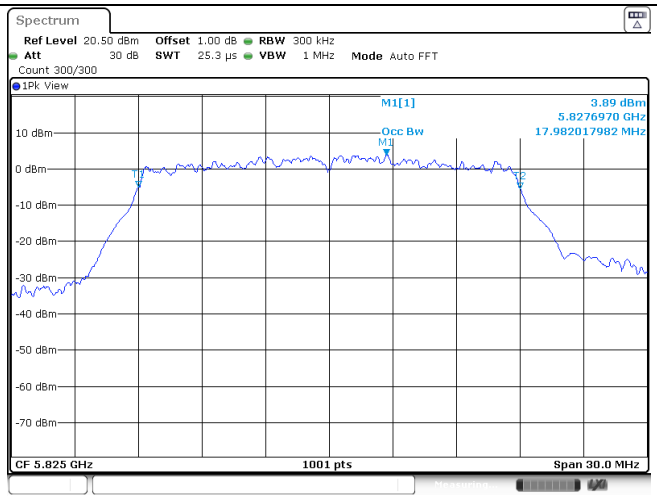
Band I	802.11n (HT40)
CH_L	
CH_H	

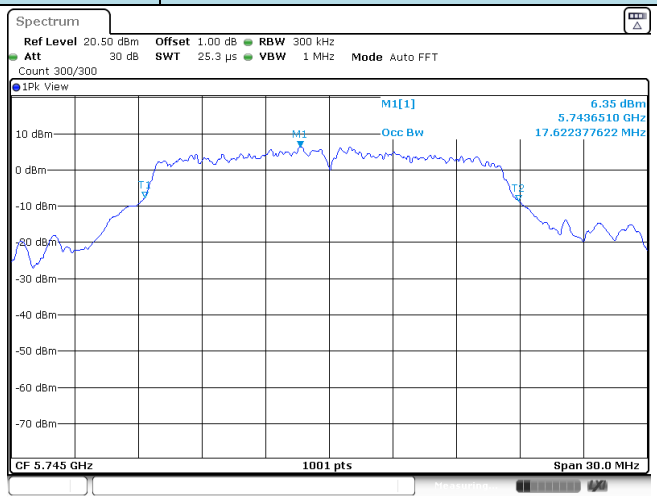
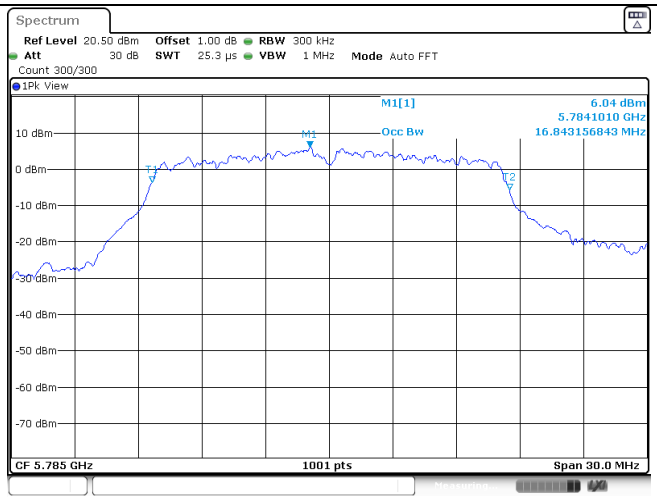
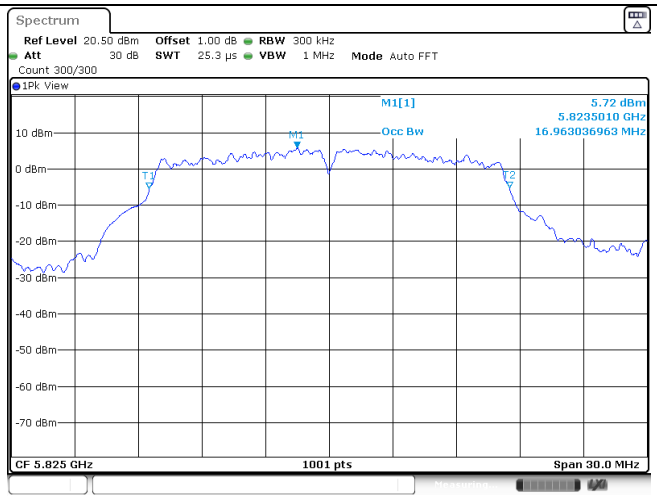
Band I	802.11ax (HT40)
CH_L	
CH_H	

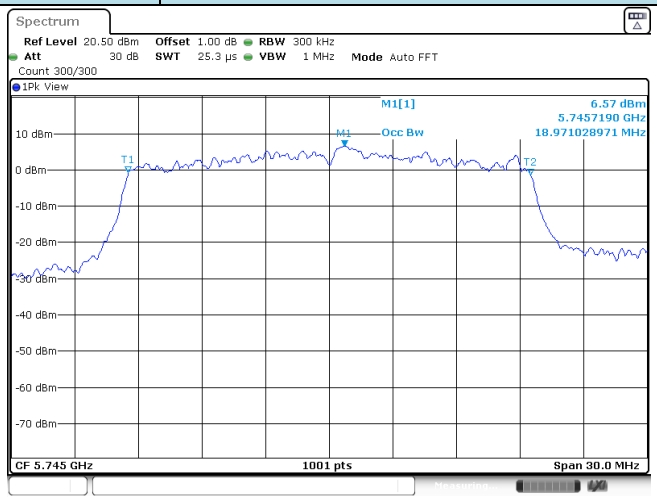
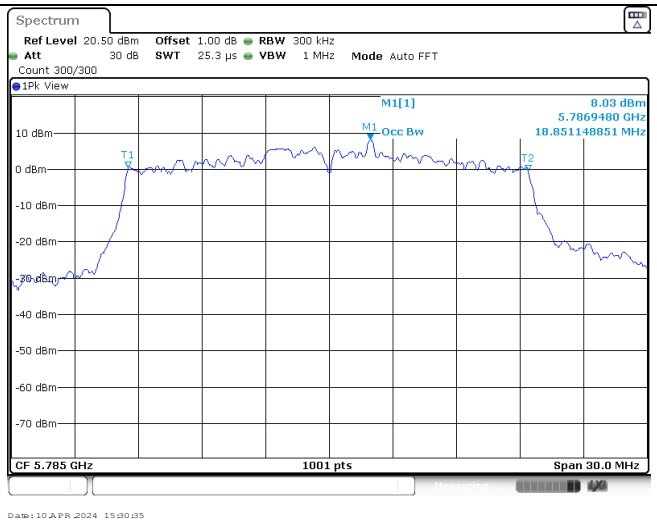
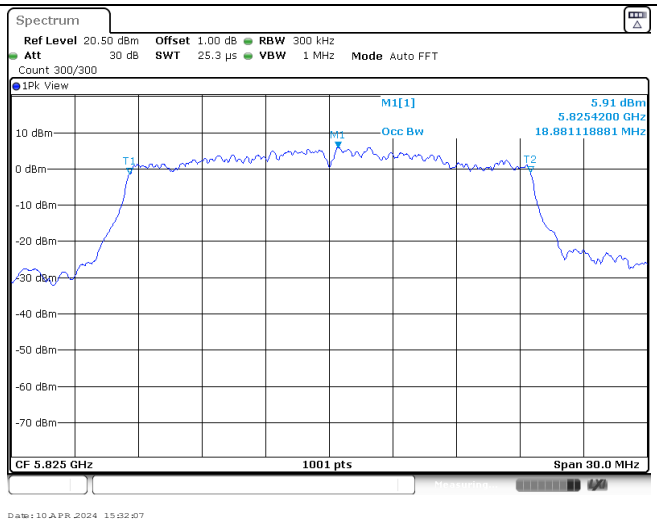
Band I	802.11ac (HT80)
CH_M	

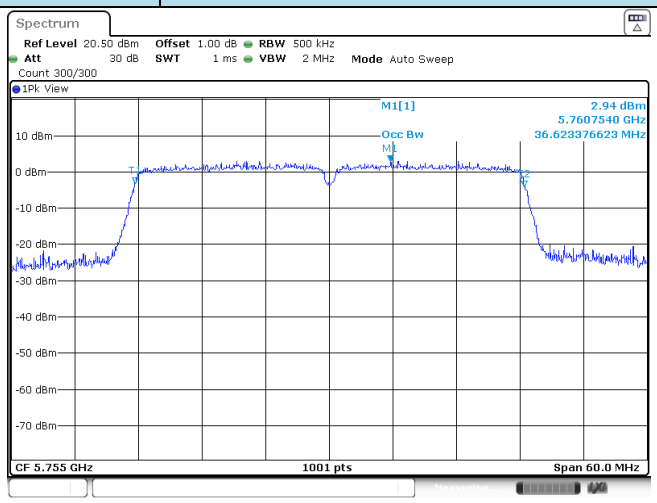
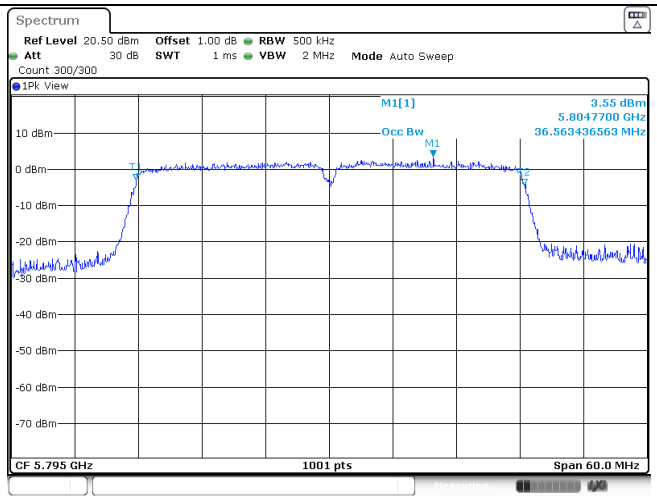
Band I	802.11ax (HT80)
CH_M	

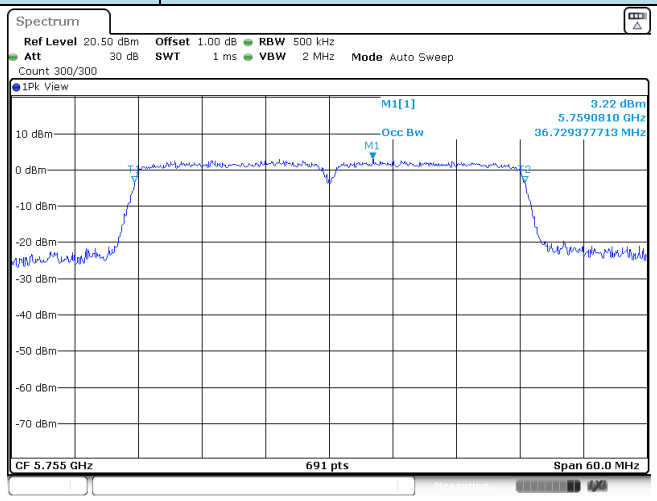
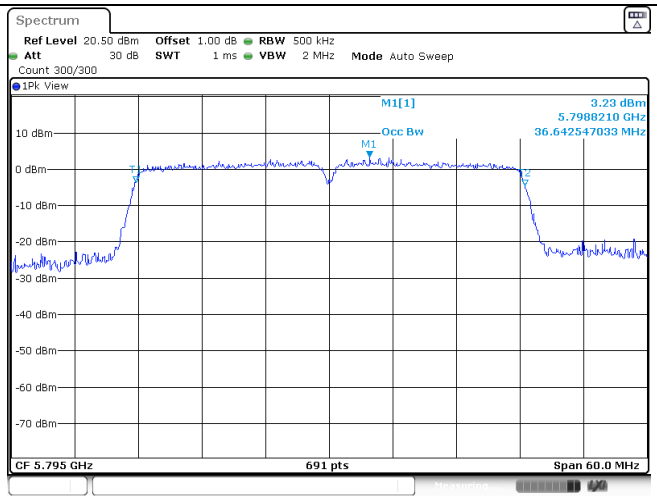
Band IV	802.11ac (HT20)
CH_L	
CH_M	
CH_H	

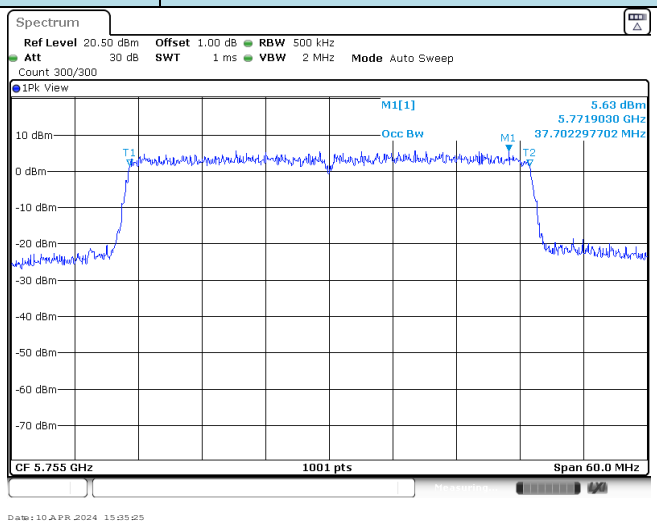
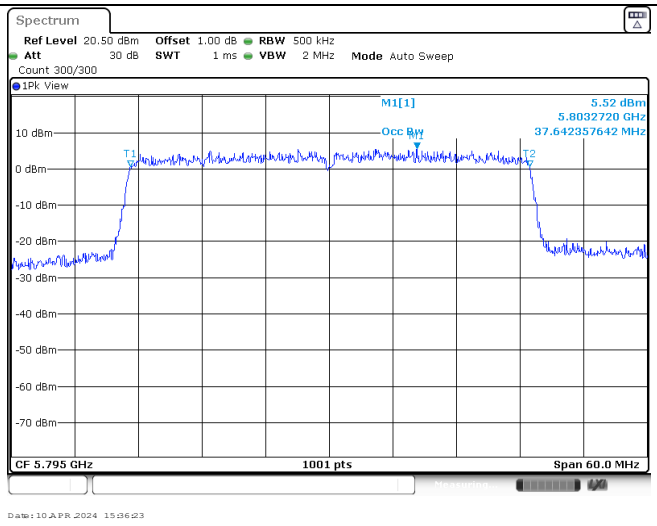
Band IV	802.11n (HT20)
CH_L	
CH_M	
CH_H	

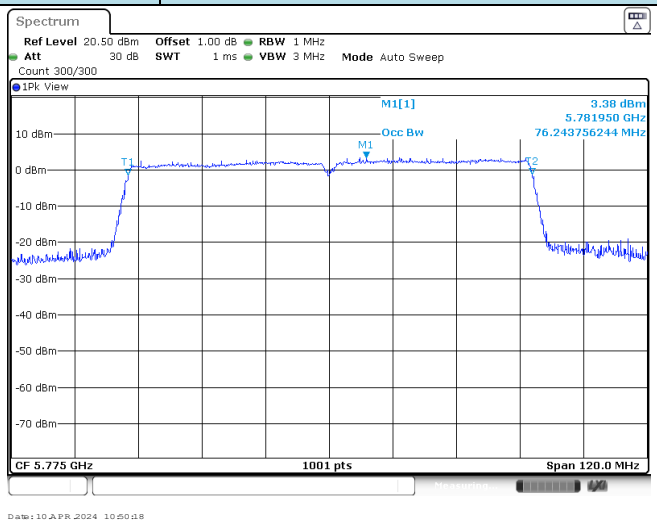
Band IV	802.11a
CH_L	
CH_M	
CH_H	

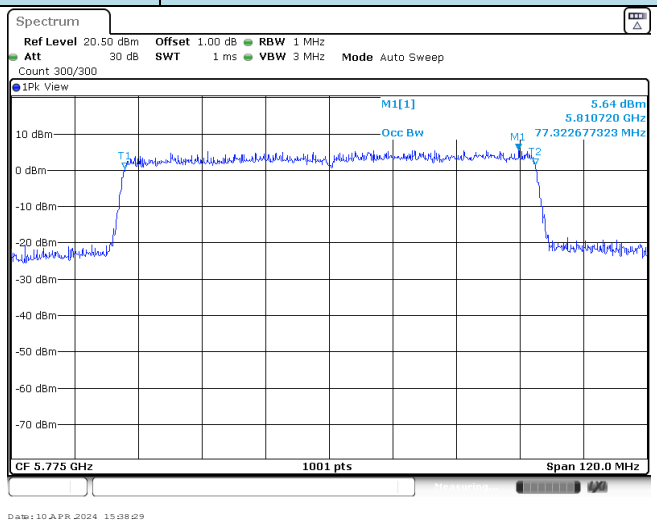
Band IV	802.11ax (HT20)
CH_L	
CH_M	
CH_H	

Band IV	802.11ac (HT40)
CH_L	
CH_H	

Band IV	802.11n (HT40)
CH_L	
CH_H	

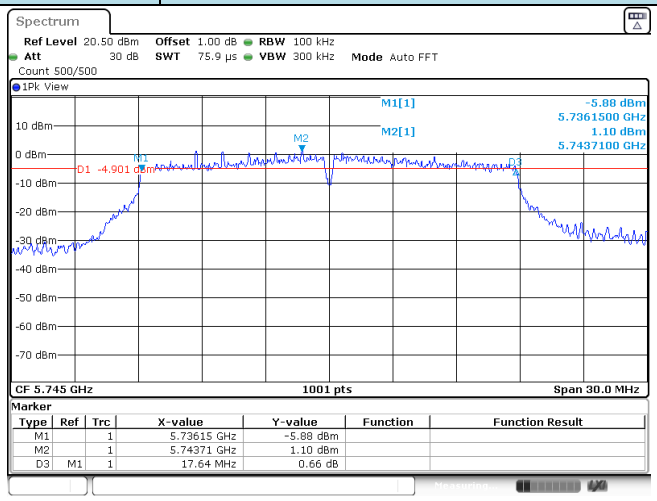
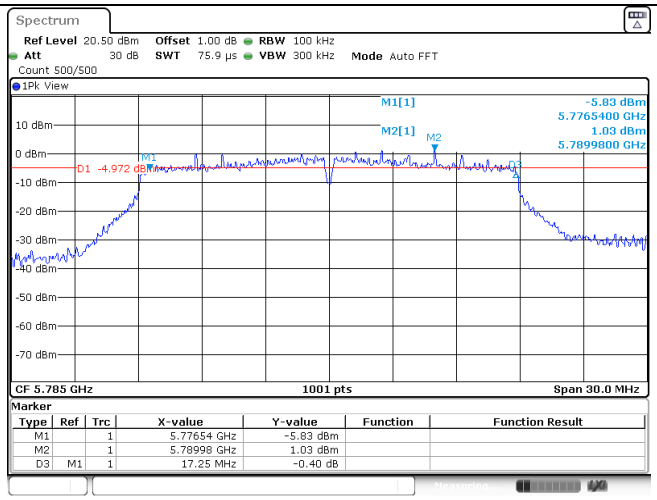
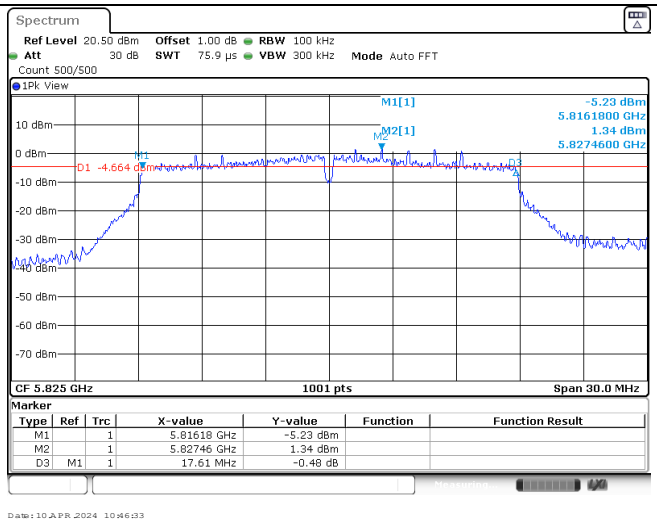
Band IV	802.11ax (HT40)
CH_L	
CH_H	

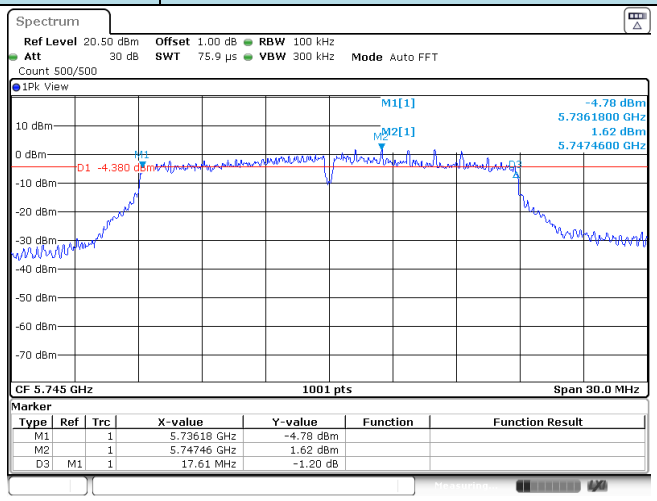
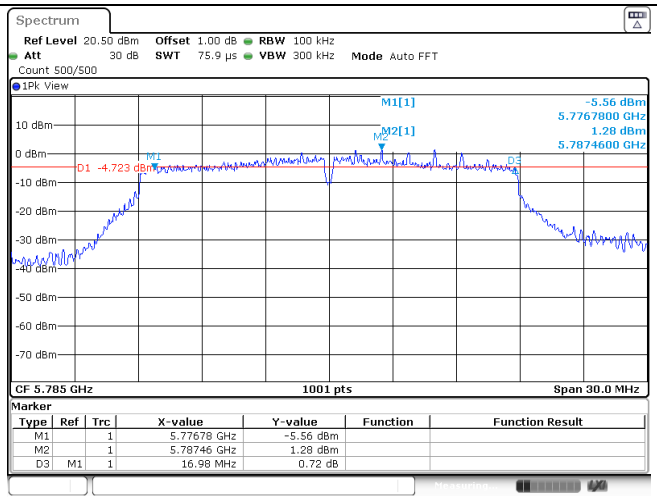
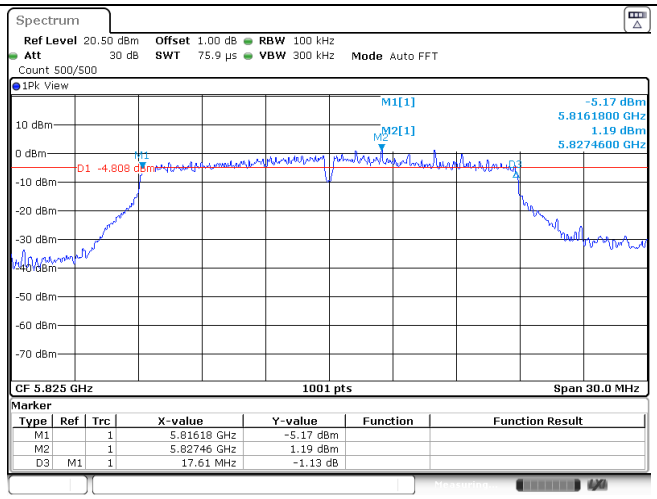
Band IV	802.11ac (HT80)
CH_M	

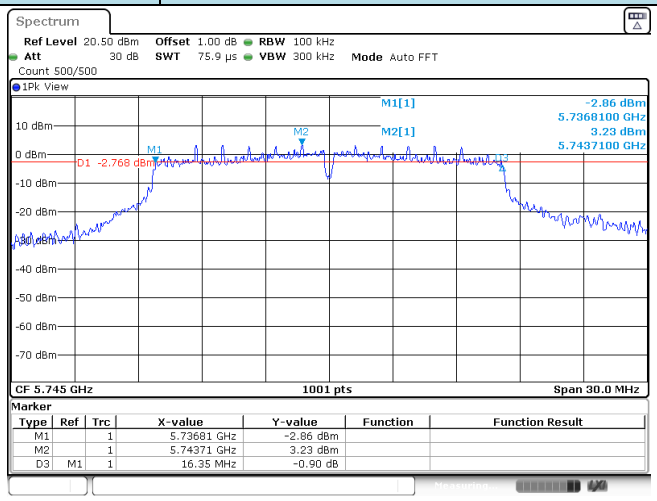
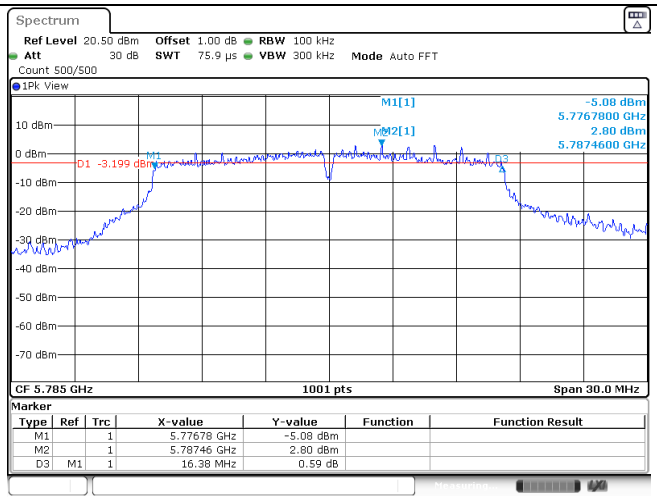
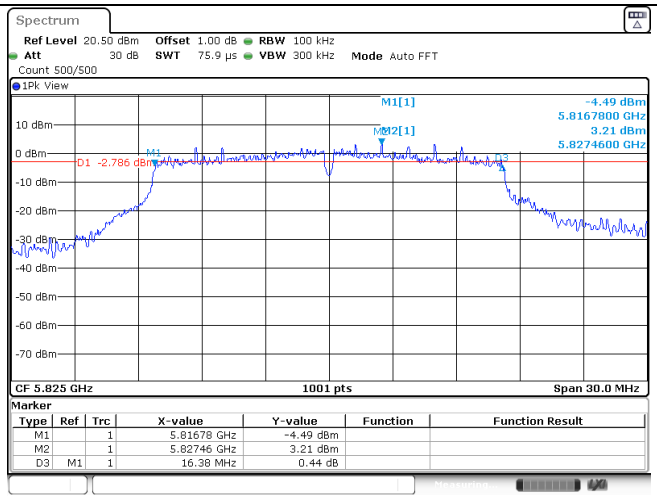
Band IV	802.11ax (HT80)
CH_M	

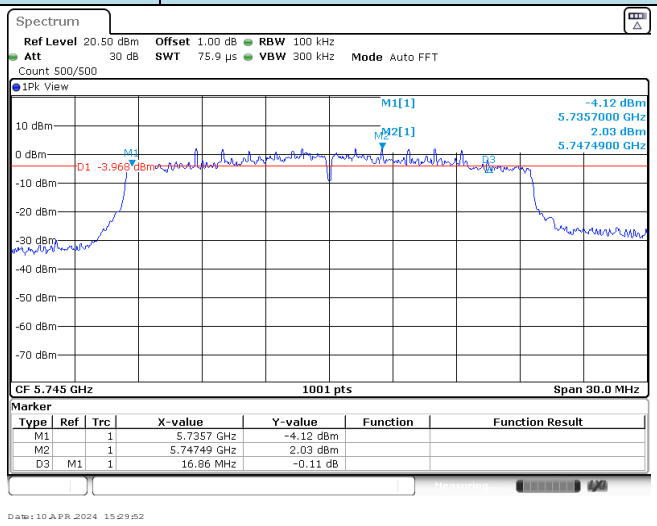
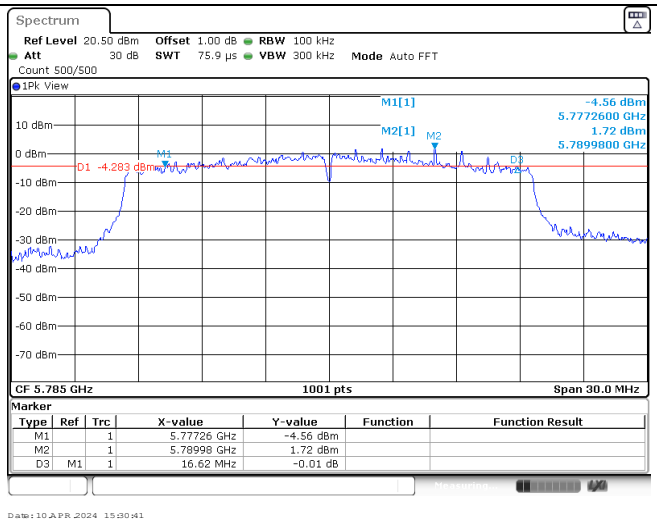
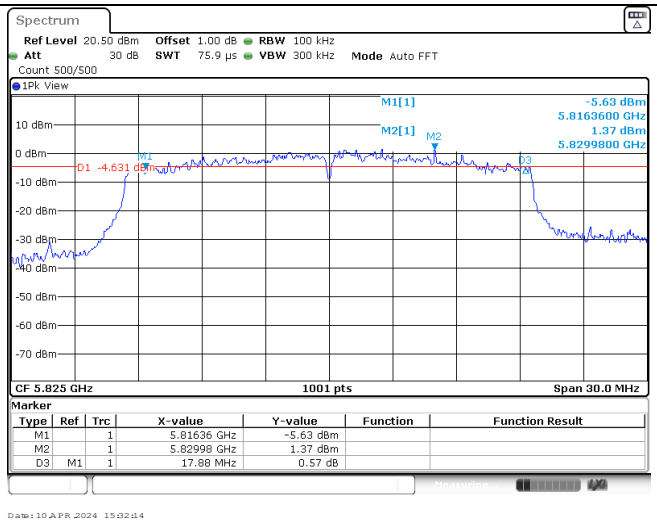
Appendix E：6dB Bandwidth

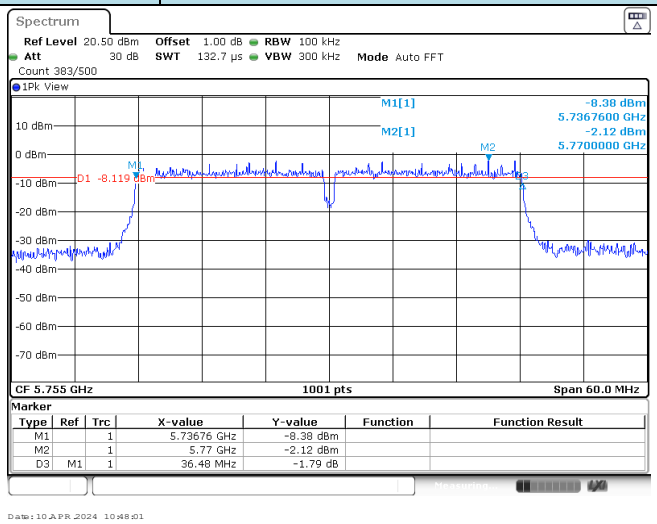
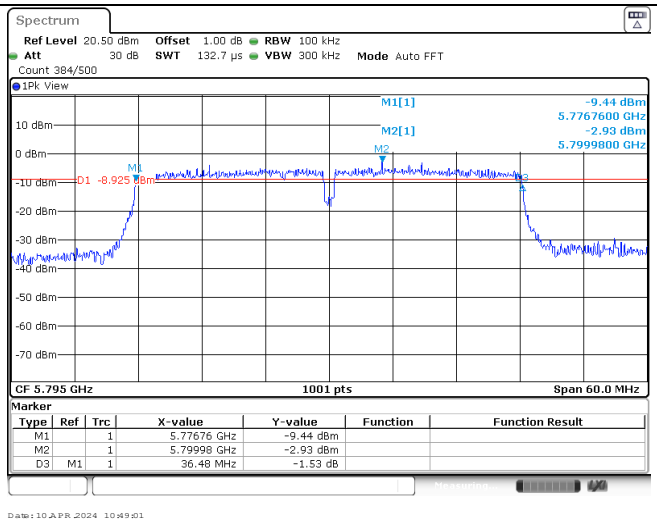
Band	Bandwidth (MHz)	Type	Channel	6dB bandwidth (MHz)	Result
IV	20	802.11ac	CH_L	17.64	Pass
			CH_M	17.25	
			CH_H	17.61	
		802.11n	CH_L	17.61	Pass
			CH_M	16.98	
			CH_H	17.61	
		802.11a	CH_L	16.35	Pass
			CH_M	16.38	
			CH_H	16.38	
		802.11ax	CH_L	16.86	Pass
			CH_M	16.62	
			CH_H	17.88	
	40	802.11ac	CH_L	36.48	Pass
			CH_H	36.48	
		802.11n	CH_L	36.52	Pass
			CH_H	36.17	
		802.11ax	CH_L	37.56	Pass
			CH_H	37.80	
	80	802.11ac	CH_M	76.32	Pass
		802.11ax	CH_M	77.76	Pass

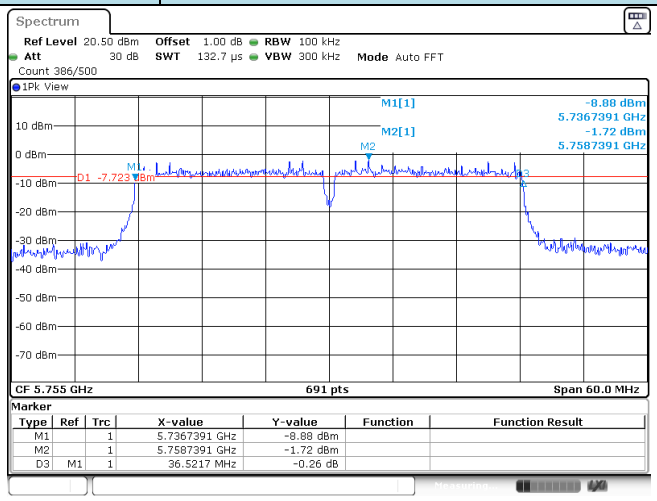
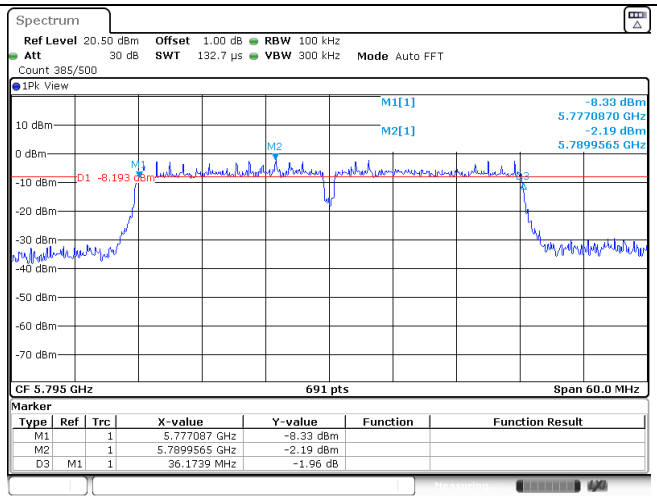
Band IV	802.11ac (HT20)
CH_L	
CH_M	
CH_H	

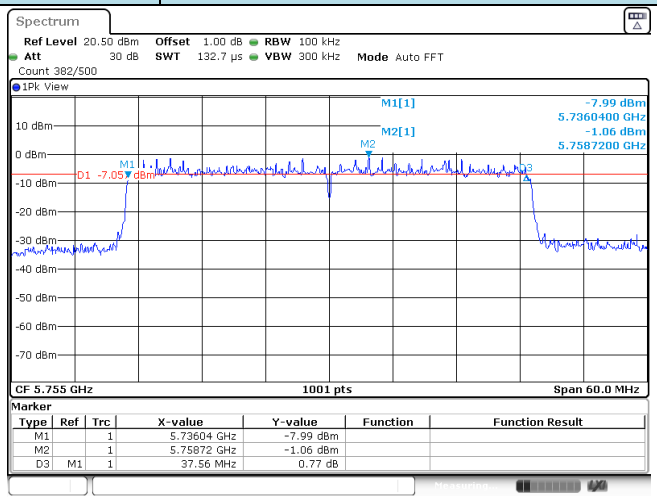
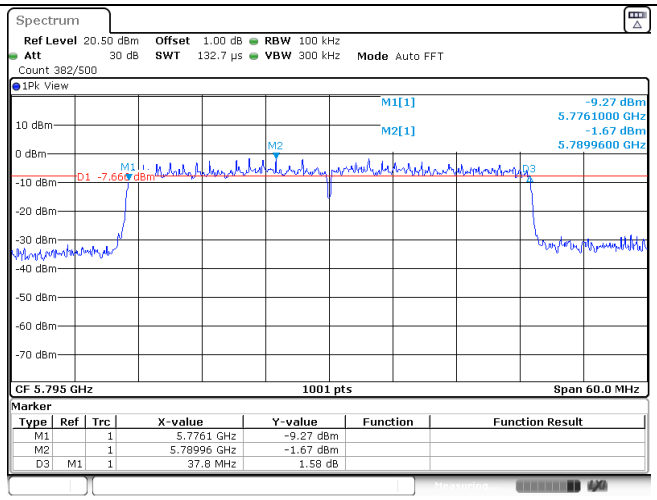
Band IV	802.11n (HT20)
CH_L	
CH_M	
CH_H	

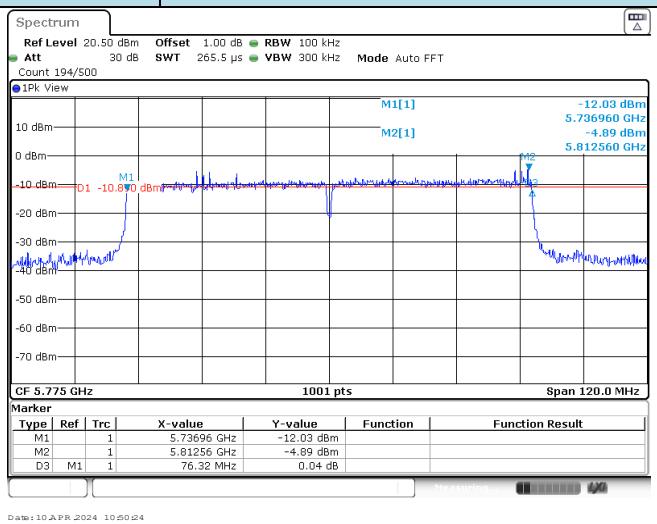
Band IV	802.11a
CH_L	
CH_M	
CH_H	

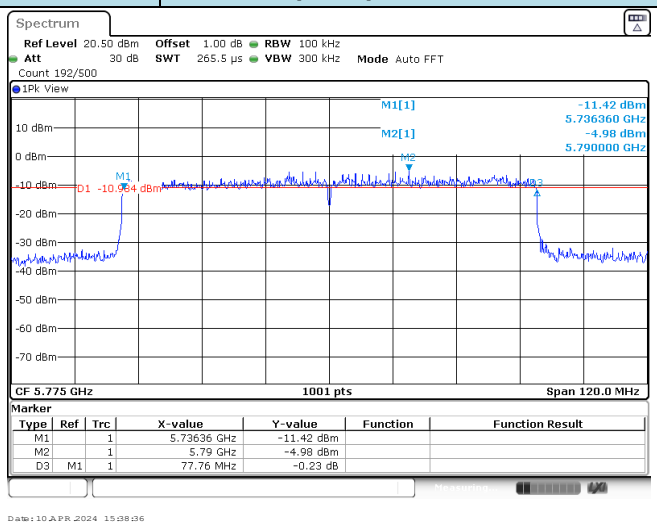
Band IV	802.11ax (HT20)
CH_L	
CH_M	
CH_H	

Band IV	802.11ac (HT40)
CH_L	
CH_H	

Band IV	802.11n (HT40)
CH_L	
CH_H	

Band IV	802.11ax (HT40)
CH_L	
CH_H	

Band IV	802.11ac (HT80)
CH_M	

Band IV	802.11ax (HT80)
CH_M	

Appendix G：Frequency stability

Voltage VS Frequency stability

Band: I				Test Frequency: 5180.00MHz		
Temperature (℃)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T_N	V_L	-18000.00	-17000.00	-3.47490	-3.28185	PASS
T_N	V_N	-18000.00	-17000.00	-3.47490	-3.28185	PASS
T_N	V_H	-18000.00	-18000.00	-3.47490	-3.47490	PASS

Band: IV				Test Frequency: 5745.00MHz		
Temperature (℃)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T_N	V_L	-9000.00	-21000.00	-1.56658	-3.65535	PASS
T_N	V_N	-1000.00	-21000.00	-0.17406	-3.65535	PASS
T_N	V_H	-13000.00	-22000.00	-2.26284	-3.82942	PASS

Band: I(ax)				Test Frequency: 5180.00MHz		
Temperature (℃)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T_N	V_L	-21000.00	-14000.00	-4.05405	-2.70270	PASS
T_N	V_N	-21000.00	-11000.00	-4.05405	-2.12355	PASS
T_N	V_H	-21000.00	-17000.00	-4.05405	-3.28185	PASS

Band: IV(ax)				Test Frequency: 5745.00MHz		
Temperature (℃)	Voltage (V)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
T_N	V_L	-19000.00	-10000.00	-3.30722	-1.74064	PASS
T_N	V_N	-19000.00	-5000.00	-3.30722	-0.87032	PASS
T_N	V_H	-20000.00	-12000.00	-3.48129	-2.08877	PASS

Temperature VS Frequency stability

Band: I				Test Frequency: 5180.00MHz		
Voltage (V)	Temperature (℃)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V_N	-20	-17000.00	-17000.00	-3.28185	-3.28185	PASS
V_N	-10	-18000.00	-18000.00	-3.47490	-3.47490	PASS
V_N	0	-18000.00	-18000.00	-3.47490	-3.47490	PASS
V_N	10	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V_N	20	-17000.00	-17000.00	-3.28185	-3.28185	PASS
V_N	30	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V_N	40	-18000.00	-17000.00	-3.47490	-3.28185	PASS
V_N	50	-17000.00	-17000.00	-3.28185	-3.28185	PASS

Band: IV				Test Frequency: 5745.00MHz		
Voltage (V)	Temperature (℃)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V_N	-20	-18000.00	-22000.00	-3.13316	-3.82942	PASS
V_N	-10	-18000.00	-22000.00	-3.13316	-3.82942	PASS
V_N	0	-19000.00	-22000.00	-3.30722	-3.82942	PASS
V_N	10	-19000.00	-22000.00	-3.30722	-3.82942	PASS
V_N	20	-20000.00	-23000.00	-3.48129	-4.00348	PASS
V_N	30	-21000.00	-22000.00	-3.65535	-3.82942	PASS
V_N	40	-21000.00	-22000.00	-3.65535	-3.82942	PASS
V_N	50	-21000.00	-22000.00	-3.65535	-3.82942	PASS

Band: I(ax)				Test Frequency: 5180.00MHz		
Voltage (V)	Temperature (℃)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V_N	-20	-22000.00	-19000.00	-4.24710	-3.66795	PASS
V_N	-10	-22000.00	-19000.00	-4.24710	-3.66795	PASS
V_N	0	-22000.00	-20000.00	-4.24710	-3.86100	PASS
V_N	10	-22000.00	-20000.00	-4.24710	-3.86100	PASS
V_N	20	-22000.00	-20000.00	-4.24710	-3.86100	PASS
V_N	30	-22000.00	-20000.00	-4.24710	-3.86100	PASS
V_N	40	-22000.00	-21000.00	-4.24710	-4.05405	PASS
V_N	50	-22000.00	-21000.00	-4.24710	-4.05405	PASS

Band: IV(ax)				Test Frequency: 5745.00MHz		
Voltage (V)	Temperature (℃)	Frequency Deviation (Hz)		Frequency Deviation (ppm)		Result
		Antenna 0	Antenna 1	Antenna 0	Antenna 1	
V_N	-20	-20000.00	-15000.00	-3.48129	-2.61097	PASS
V_N	-10	-20000.00	-16000.00	-3.48129	-2.78503	PASS
V_N	0	-20000.00	-17000.00	-3.48129	-2.95910	PASS
V_N	10	-20000.00	-17000.00	-3.48129	-2.95910	PASS
V_N	20	-20000.00	-18000.00	-3.48129	-3.13316	PASS
V_N	30	-20000.00	-18000.00	-3.48129	-3.13316	PASS
V_N	40	-21000.00	-18000.00	-3.65535	-3.13316	PASS
V_N	50	-21000.00	-19000.00	-3.65535	-3.30722	PASS

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