

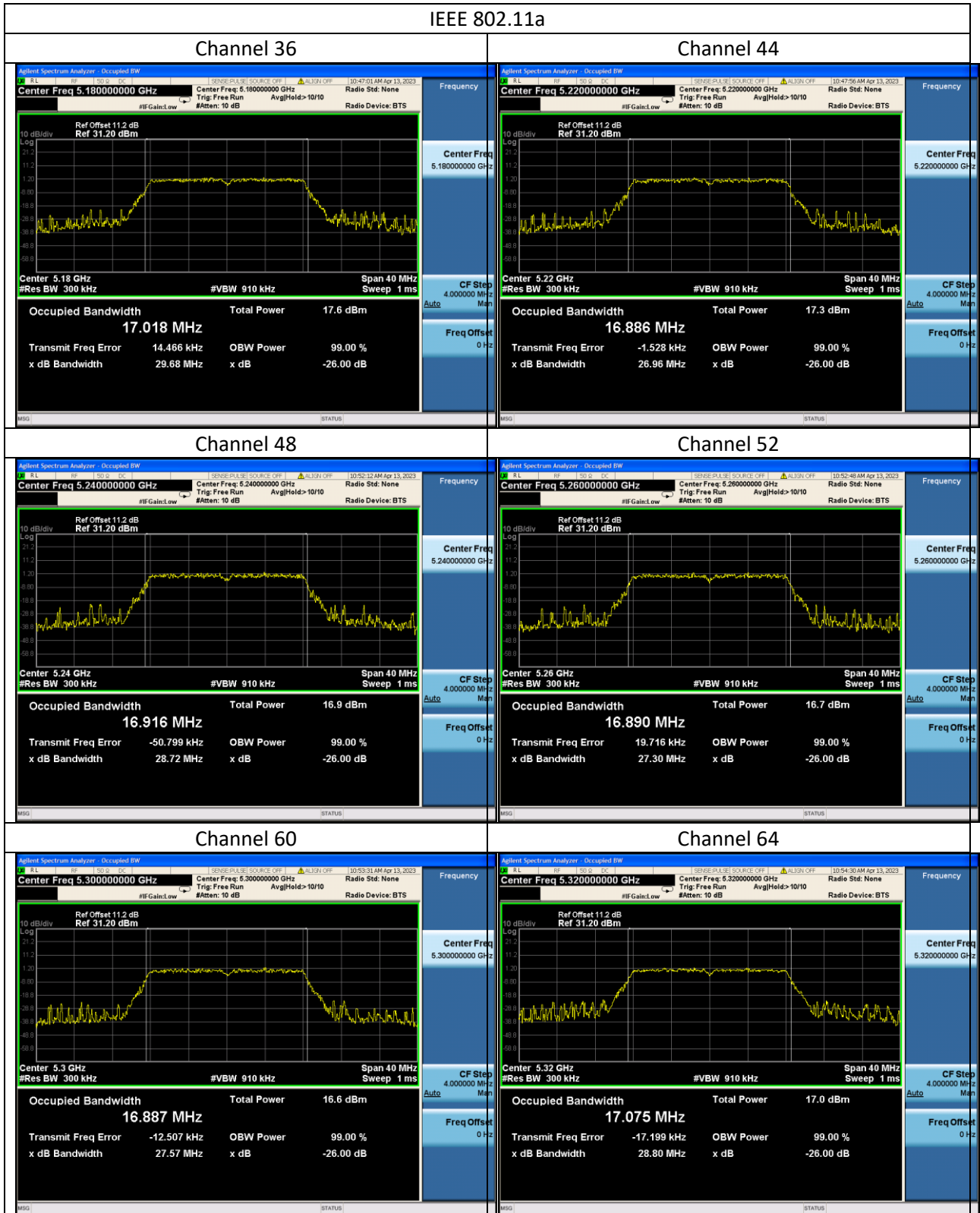
Appendix A

The results of 26 dB Bandwidth

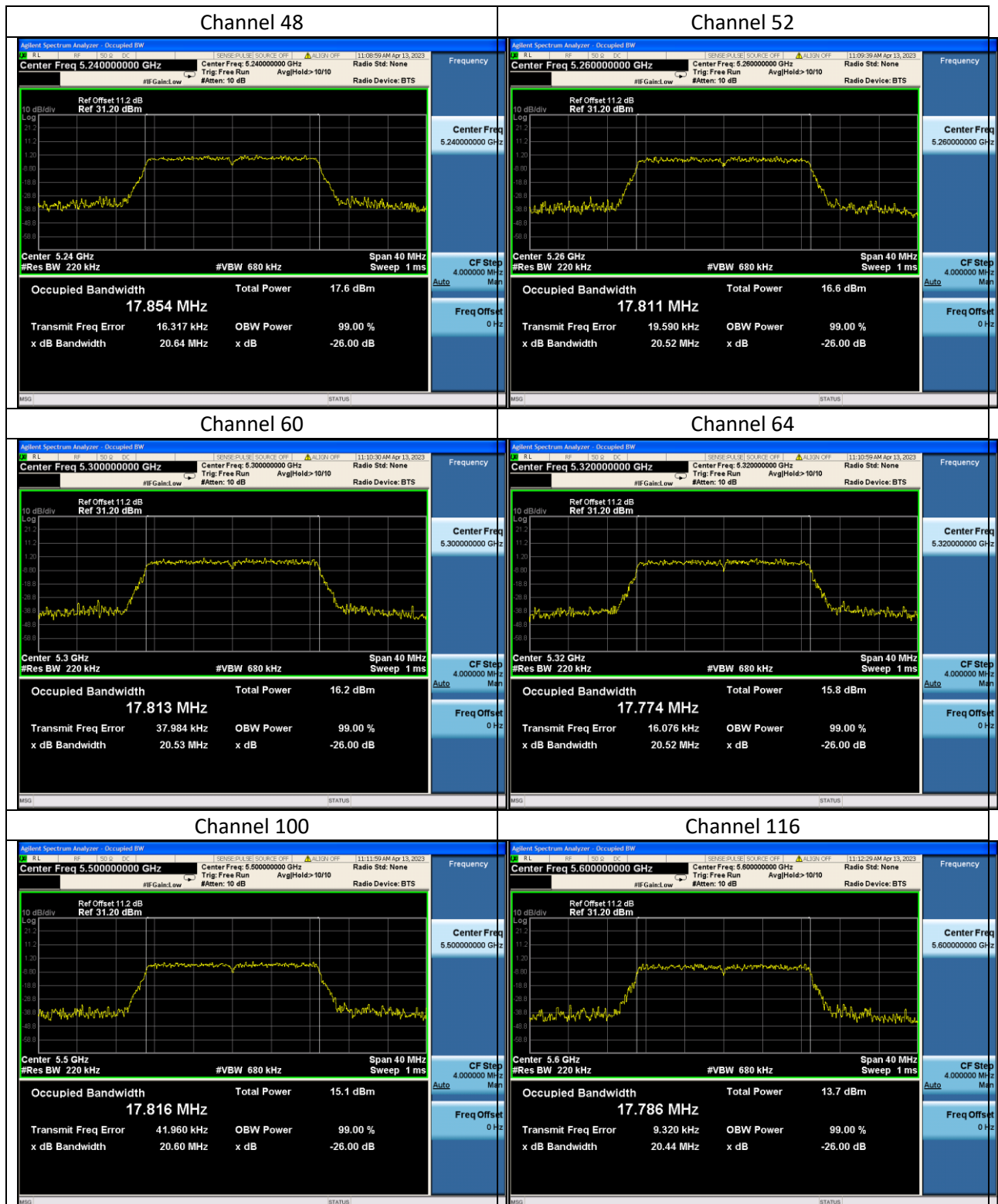
Mode	Channel	26 dB Bandwidth (MHz)
IEEE 802.11a	36 (5180)	29.68
	44 (5220)	26.96
	48 (5240)	28.72
	52 (5260)	27.30
	60 (5300)	27.57
	64 (5320)	28.80
	100 (5500)	29.86
	116 (5580)	26.40
	140 (5700)	28.65
	144 (5720)	20.46
IEEE 802.11n-HT20	36 (5180)	20.59
	44 (5220)	20.82
	48 (5240)	20.64
	52 (5260)	20.52
	60 (5300)	20.53
	64 (5320)	20.52
	100 (5500)	20.60
	116 (5580)	20.44
	140 (5700)	20.59
	144 (5720)	20.64
IEEE 802.11n-HT40	38 (5190)	50.77
	46 (5230)	47.15
	54 (5270)	49.59
	62 (5310)	51.04
	102 (5510)	72.42
	110 (5550)	72.35
	134 (5670)	71.62
	142 (5710)	40.25

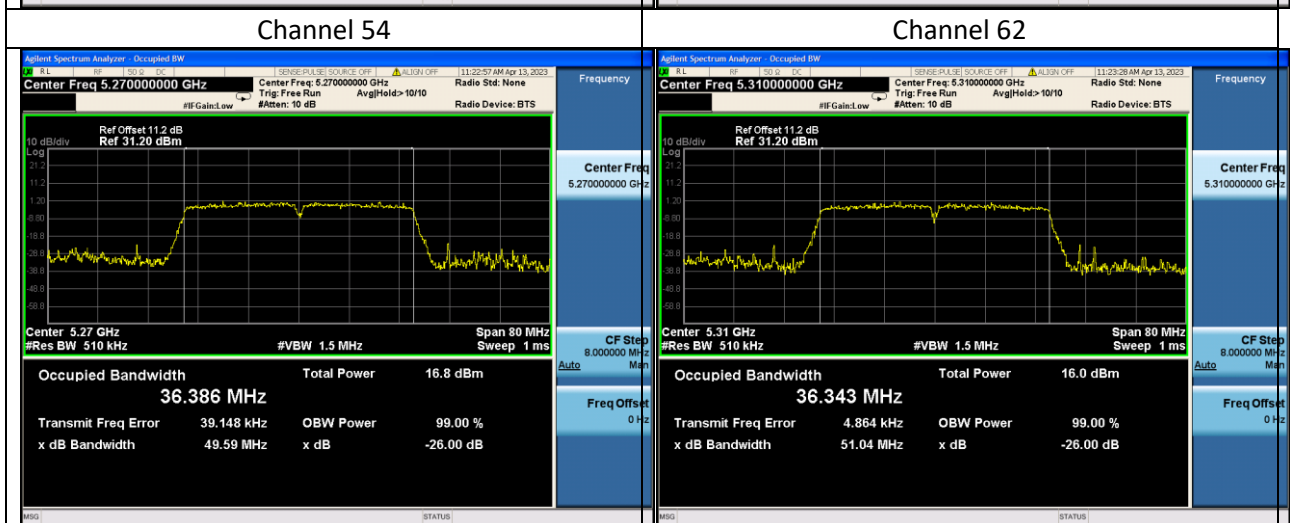
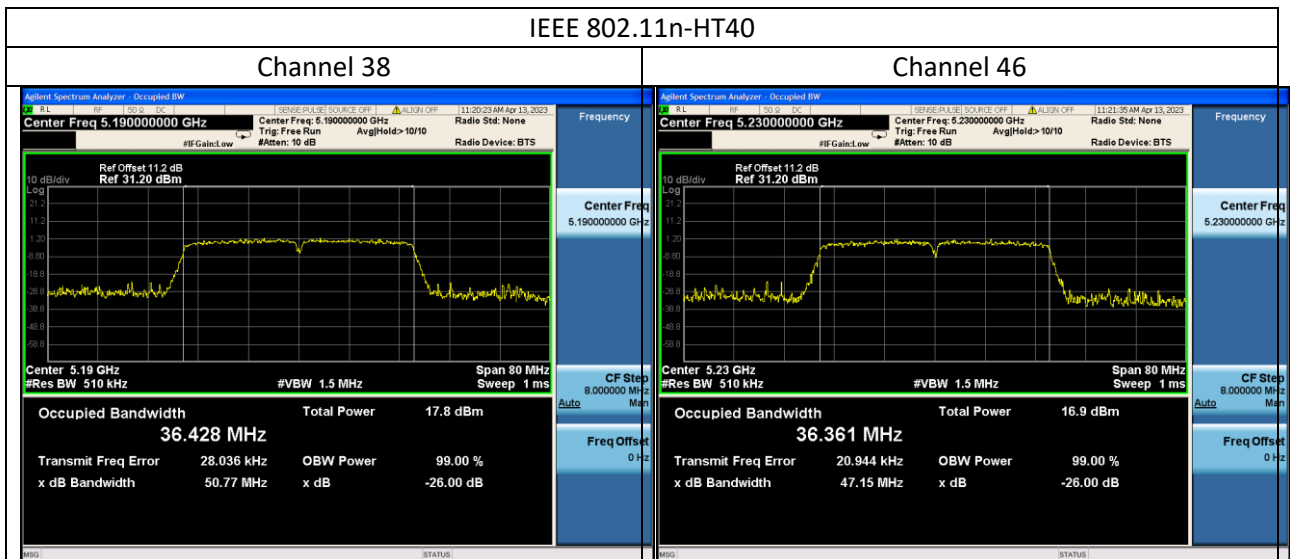
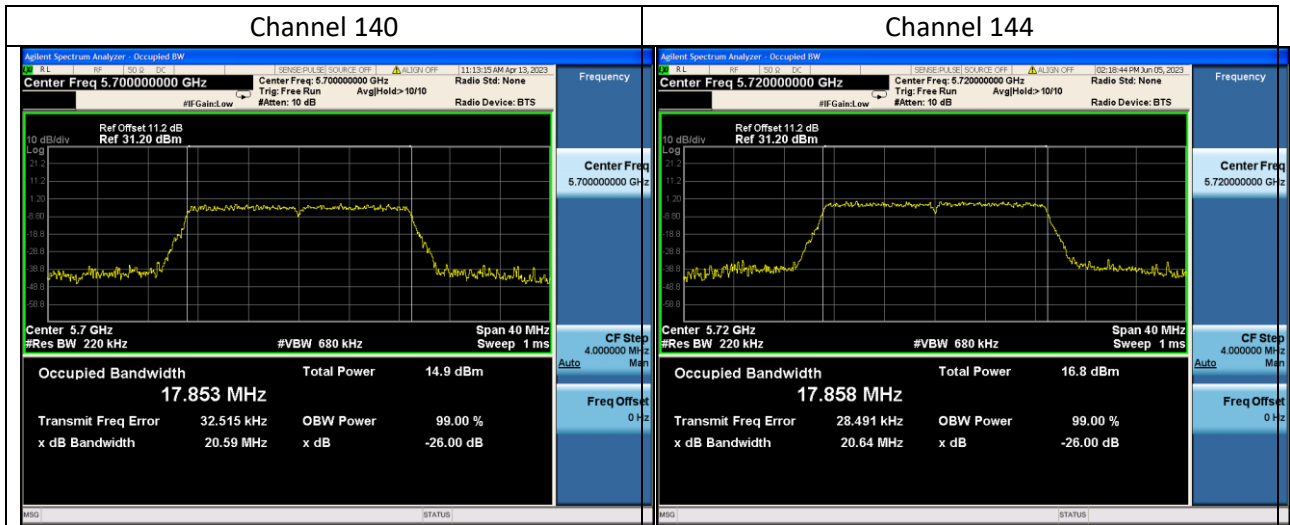
TEST REPORT

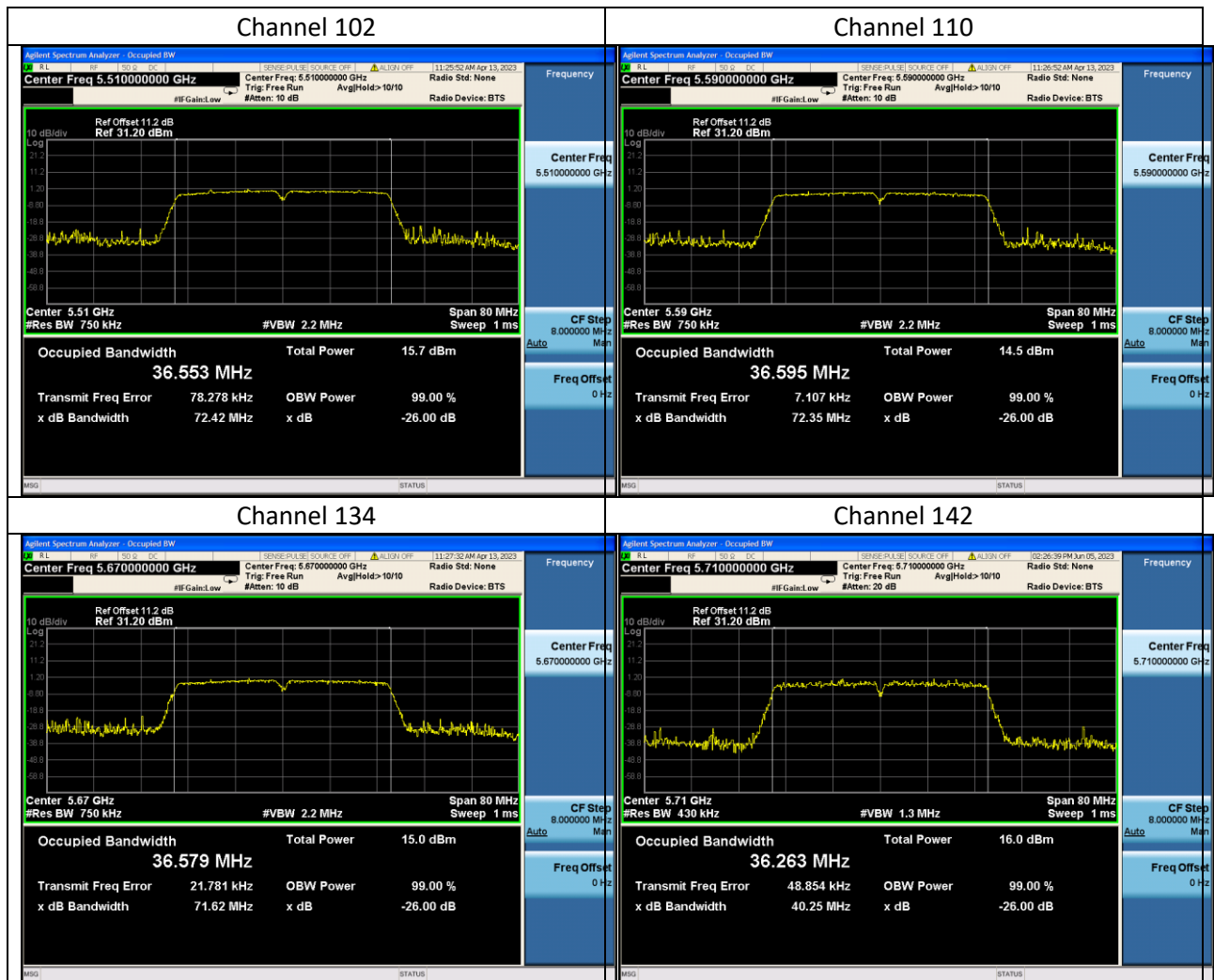
Test plots as follows:











Appendix B

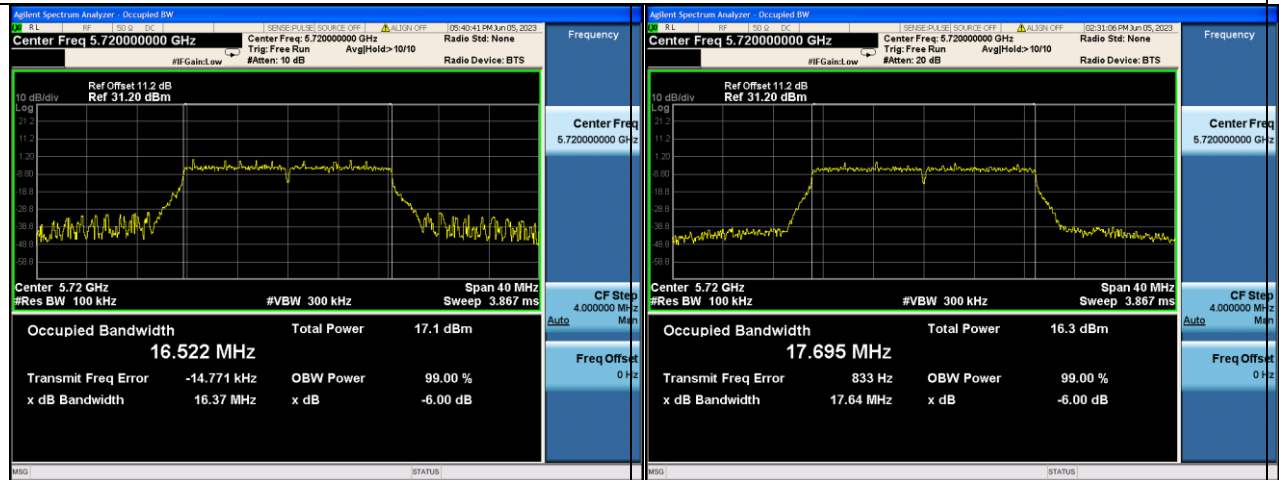
The results of Minimum 6dB Bandwidth

Mode	Channel/ Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Limit	Pass / Fail
IEEE 802.11a	144 (5720)	16.37	> 500 kHz	Pass
	149 (5745)	16.38	> 500 kHz	Pass
	157 (5785)	16.38	> 500 kHz	Pass
	165 (5825)	16.39	> 500 kHz	Pass
IEEE 802.11n- HT20	144 (5720)	17.64	> 500 kHz	Pass
	149 (5745)	17.64	> 500 kHz	Pass
	157 (5785)	17.64	> 500 kHz	Pass
	165 (5825)	17.64	> 500 kHz	Pass
IEEE 802.11n- HT40	142 (5710)	35.23	> 500 kHz	Pass
	151 (5755)	36.33	> 500 kHz	Pass
	159 (5795)	35.35	> 500 kHz	Pass

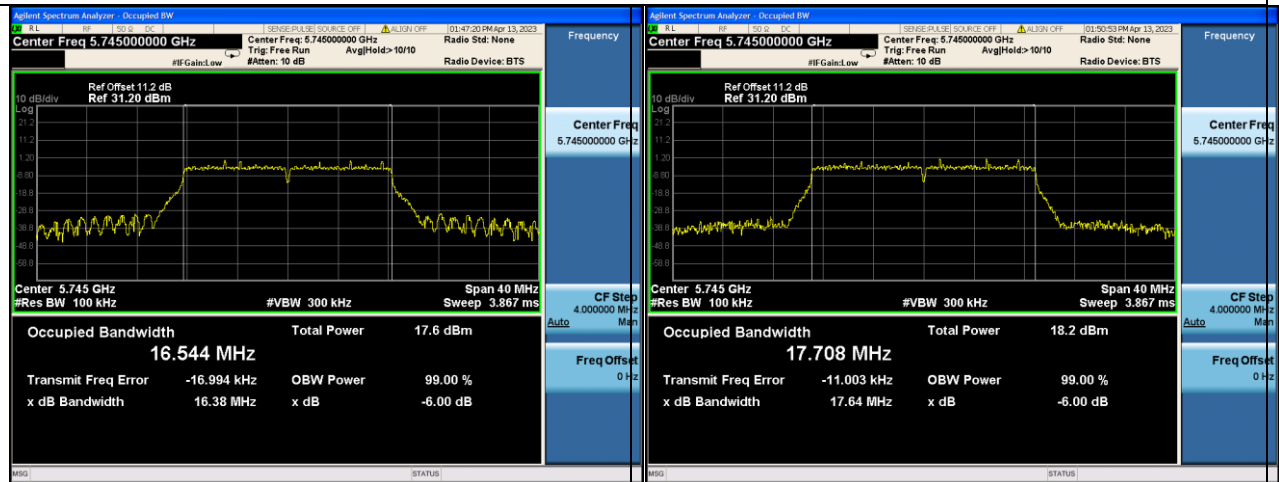
IEEE 802.11a

IEEE 802.11n-HT20

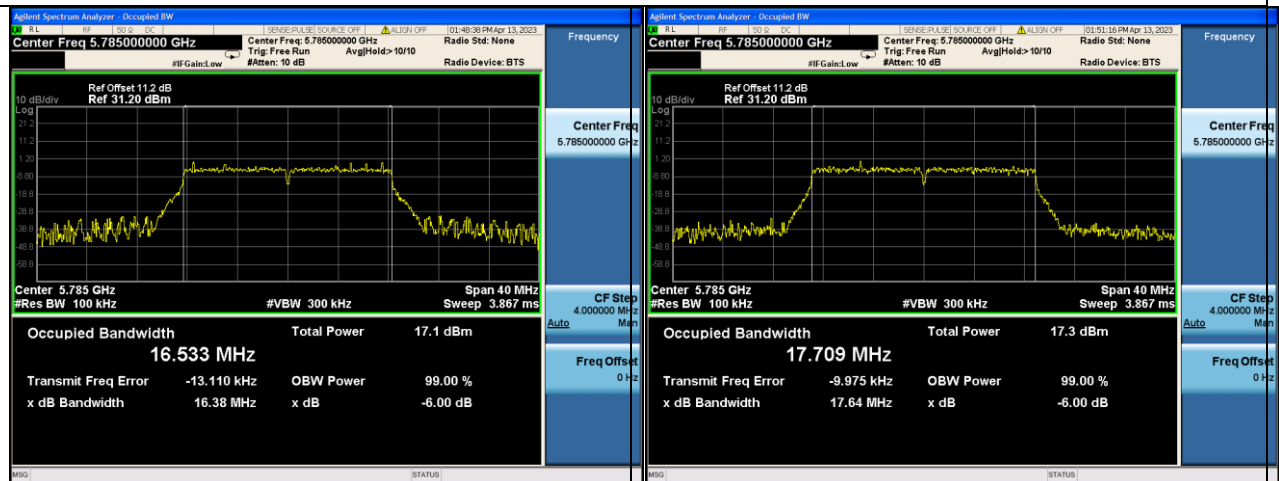
Channel 144



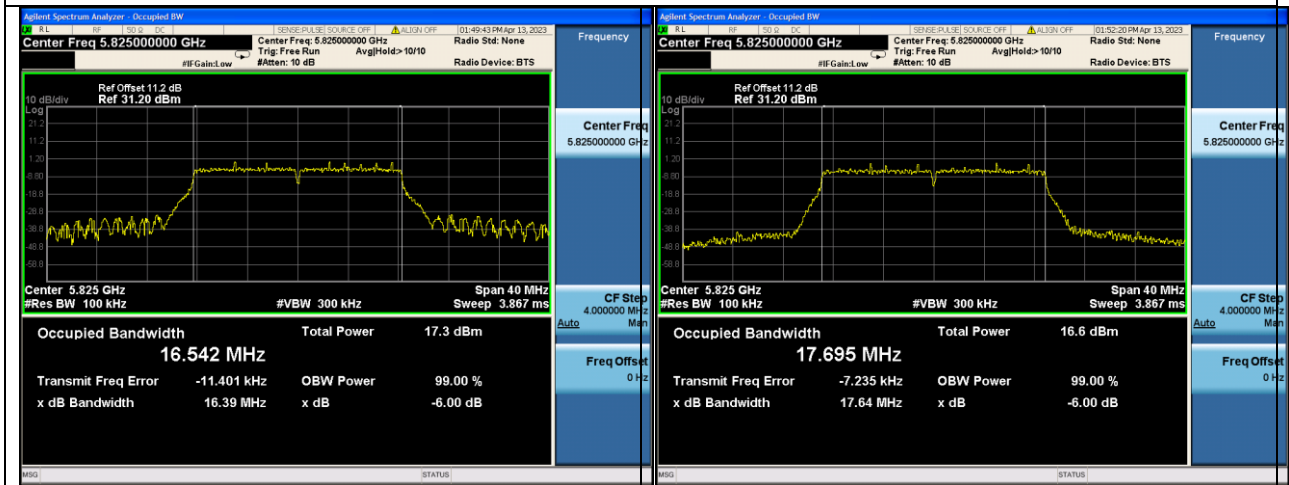
Channel 149



Channel 157

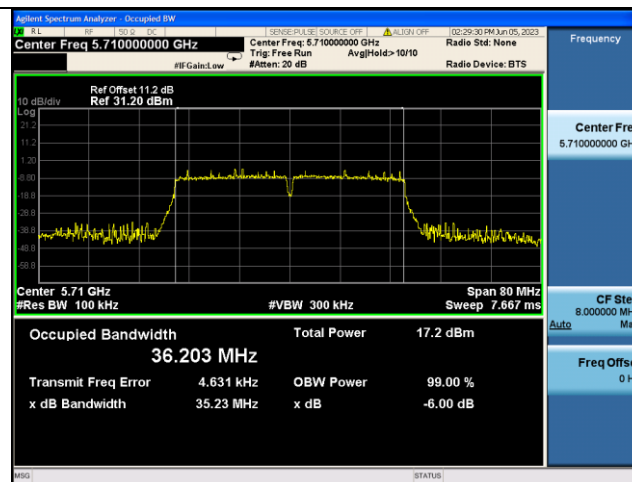


Channel 165

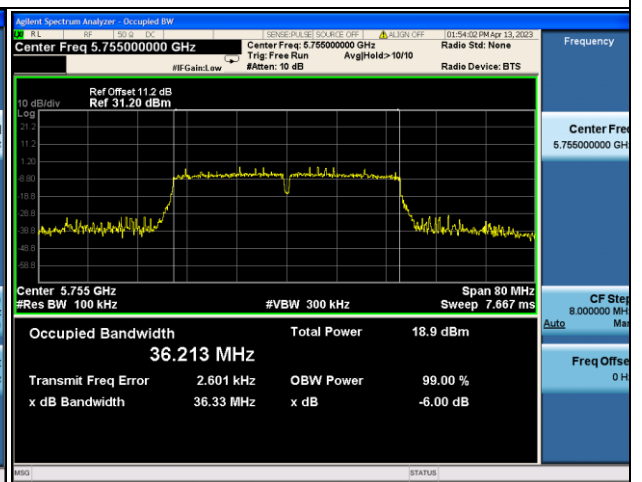


IEEE 802.11n-HT40

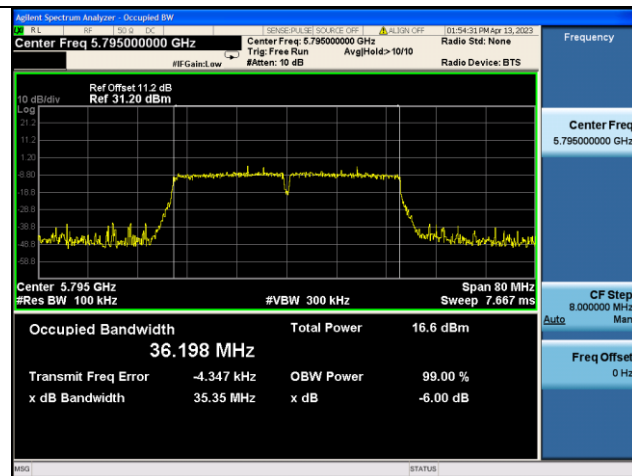
Channel 142



Channel 151



Channel 159



Appendix C

Test Results of Maximum conducted output power

Mode	Band	Channel	Freq. (MHz)	CONDUCTED AVG POWER			
				Meas Value (dBm)	Corr'd Value (dBm)	FCC Limit (dBm)	FCC Result
IEEE 802.11a	U-NII-1	36	5180	11.90	12.14	24	Pass
		44	5220	12.12	12.36	24	Pass
		48	5240	12.10	12.34	24	Pass
	U-NII-2A	52	5260	12.03	12.27	23.3	Pass
		60	5300	11.80	12.04	23.3	Pass
		64	5320	11.61	11.85	23.3	Pass
	U-NII-2C	100	5500	12.39	12.63	22.4	Pass
		120	5600	11.08	11.32	22.4	Pass
		140	5700	10.28	10.52	22.4	Pass
		144	5720	10.21	10.45	22.4	Pass
	U-NII-3	149	5745	10.20	10.44	30	Pass
		157	5785	10.45	10.69	30	Pass
		165	5825	10.78	11.02	30	Pass
IEEE 802.11n-HT20	U-NII-1	36	5180	12.33	12.33	24	Pass
		44	5220	12.51	12.51	24	Pass
		48	5240	12.50	12.50	24	Pass
	U-NII-2A	52	5260	12.52	12.52	23.3	Pass
		60	5300	12.22	12.22	23.3	Pass
		64	5320	12.04	12.04	23.3	Pass
	U-NII-2C	100	5500	12.16	12.16	22.4	Pass
		120	5600	10.92	10.92	22.4	Pass
		140	5700	10.30	10.30	22.4	Pass
		144	5720	10.46	10.46	22.4	Pass
	U-NII-3	149	5745	11.16	11.16	30	Pass
		157	5785	11.48	11.48	30	Pass
		165	5825	11.78	11.78	30	Pass
IEEE 802.11n-HT40	U-NII-1	38	5190	12.48	12.64	24	Pass
		46	5230	12.59	12.75	24	Pass
	U-NII-2A	54	5270	12.50	12.66	24	Pass
		62	5310	12.21	12.37	24	Pass
	U-NII-2C	102	5510	12.38	12.54	24	Pass
		118	5590	11.39	11.55	24	Pass
		134	5670	10.13	10.29	24	Pass
		142	5710	10.75	10.91	24	Pass
	U-NII-3	151	5755	11.49	11.65	30	Pass
		159	5795	11.78	11.94	30	Pass

Remark:

1. Corr'd Power = Meas Power + Duty Cycle Factor

Appendix D

Test Results of Power spectrum density

Mode	Band	Channel	Freq. (MHz)	Maximum power spectral density		
				Meas Value (dBm/MHz or dBm/500kHz)	Corr'd Value (dBm/MHz or dBm/500kHz)	FCC Limit (dBm/MHz or 500kHz)
IEEE 802.11a	U-NII-1	36	5180	0.620	0.865	11
		44	5220	1.110	1.355	11
		48	5240	0.708	0.953	11
	U-NII-2A	52	5260	0.743	0.988	11
		60	5300	0.063	0.308	11
		64	5320	0.005	0.250	11
	U-NII-2C	100	5500	-0.849	-0.604	11
		120	5600	-1.893	-1.648	11
		140	5700	-1.754	-1.509	11
		144	5720	-0.061	0.184	11
	U-NII-3	144	5720	-2.981	-2.736	30
		149	5745	-4.168	-3.923	30
		157	5785	-3.906	-3.661	30
		165	5825	-4.156	-3.911	30
IEEE 802.11n-HT20	U-NII-1	36	5180	0.754	0.754	11
		44	5220	0.671	0.671	11
		48	5240	0.489	0.489	11
	U-NII-2A	52	5260	0.455	0.455	11
		60	5300	-0.096	-0.096	11
		64	5320	0.062	0.062	11
	U-NII-2C	100	5500	-1.125	-1.125	11
		120	5600	-2.026	-2.026	11
		140	5700	-1.480	-1.480	11
		144	5720	-0.614	-0.614	11
	U-NII-3	144	5720	-3.542	-3.542	30
		149	5745	-3.302	-3.302	30
		157	5785	-3.310	-3.310	30
		165	5825	-2.854	-2.854	30
IEEE 802.11n-HT40	U-NII-1	38	5190	-3.785	-3.626	11
		46	5230	-3.933	-3.774	11
	U-NII-2A	54	5270	-4.550	-4.391	11
		62	5310	-5.368	-5.209	11
	U-NII-2C	102	5510	-7.312	-7.153	11
		118	5590	-8.362	-8.203	11
		134	5670	-8.010	-7.851	11
		142	5710	-3.609	-3.450	11
	U-NII-3	142	5710	-6.487	-6.328	30
		151	5755	-10.645	-10.486	30
		159	5795	-9.818	-9.659	30

Remark:

1. Corr'd PSD = Meas PSD + Duty Cycle Factor

The test plots as follows:

