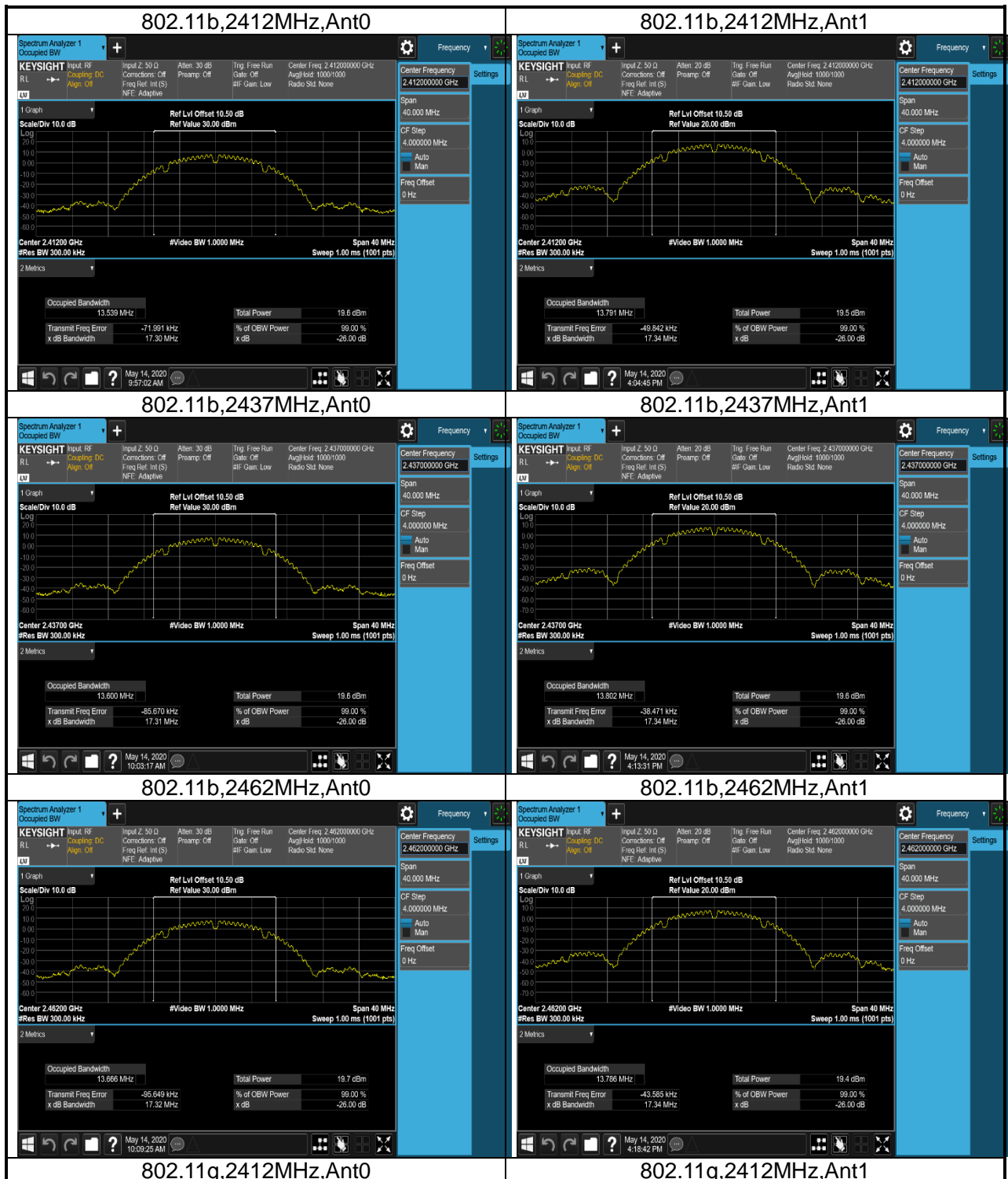
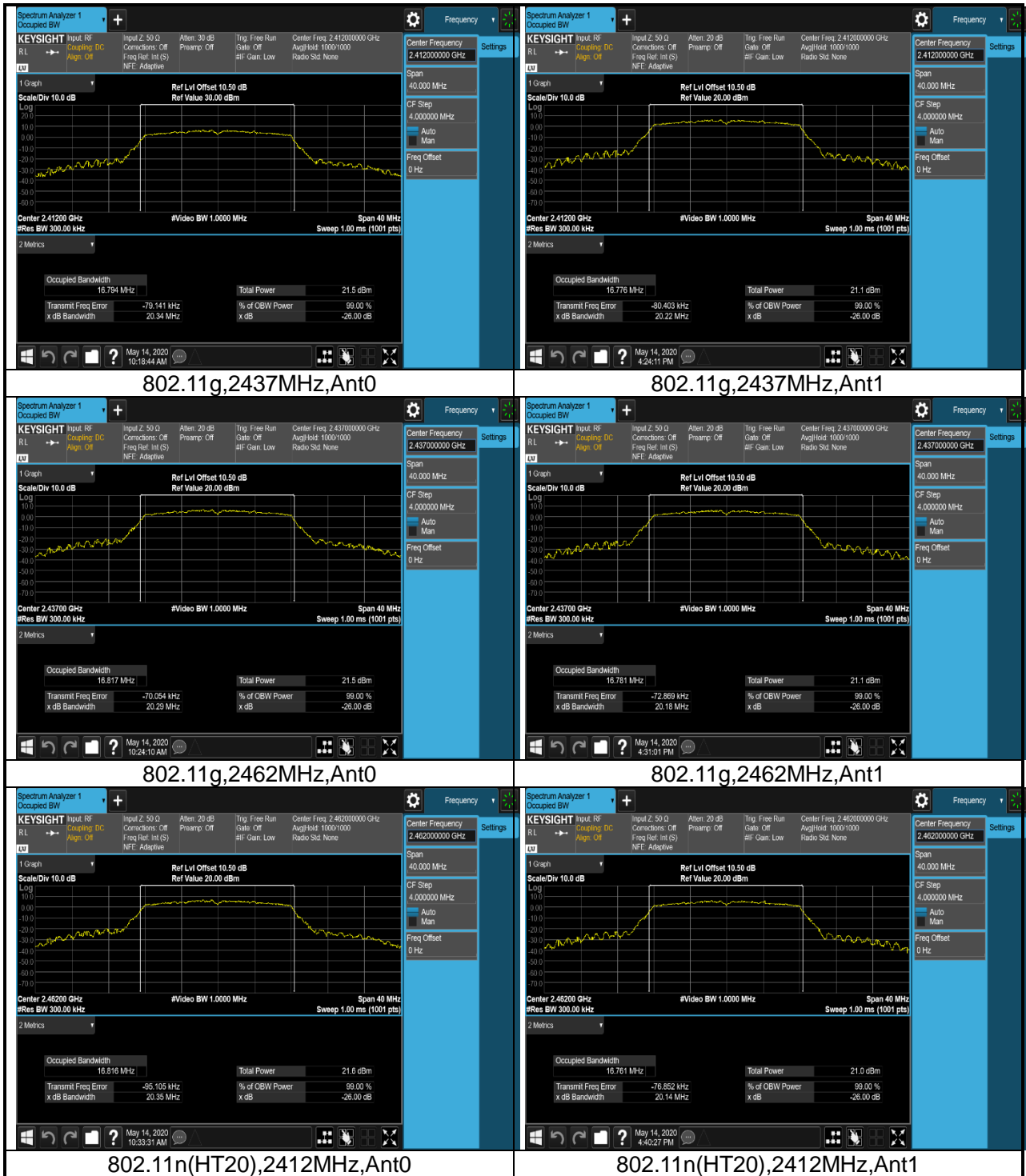


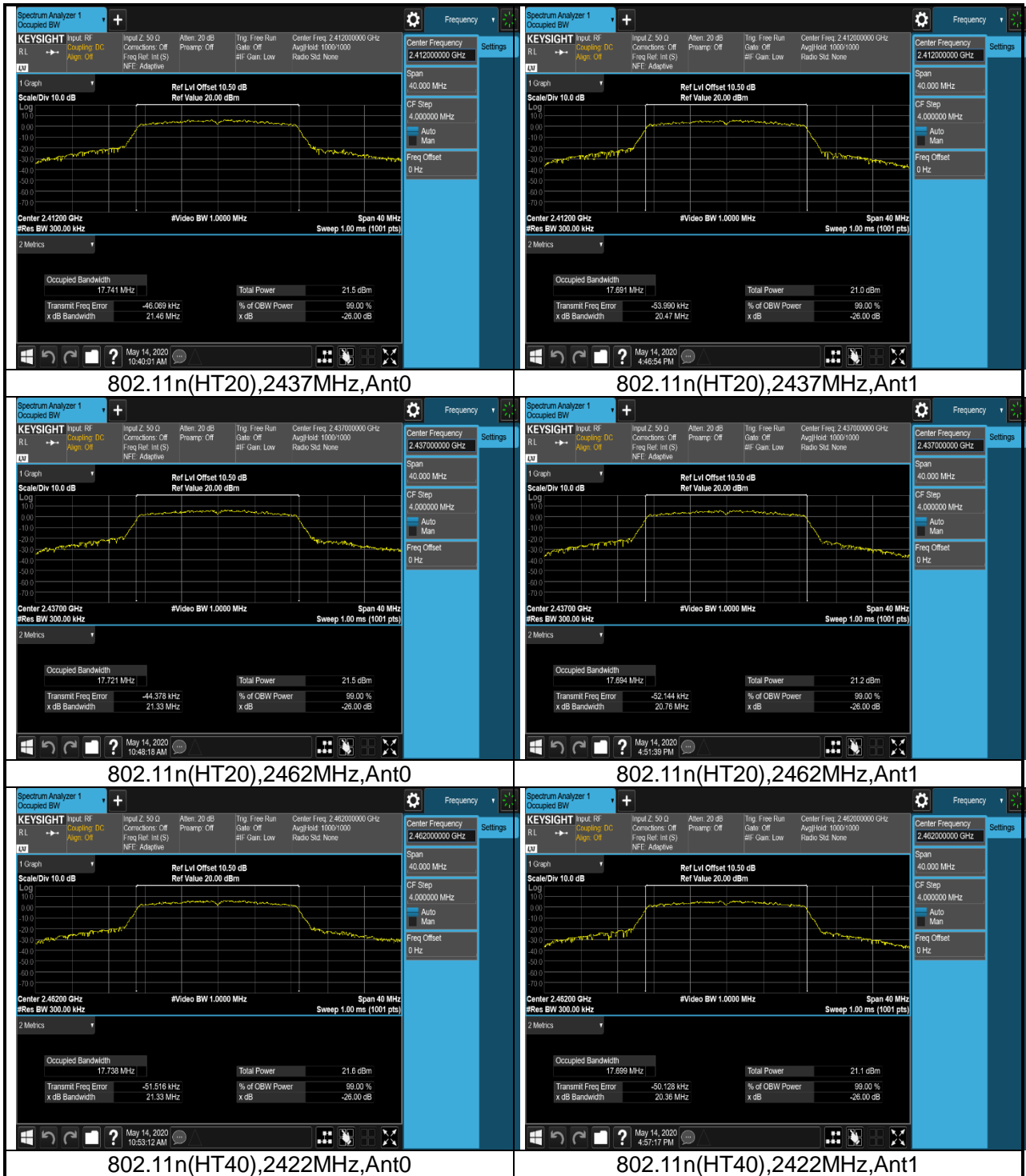
3.2 Test Plots



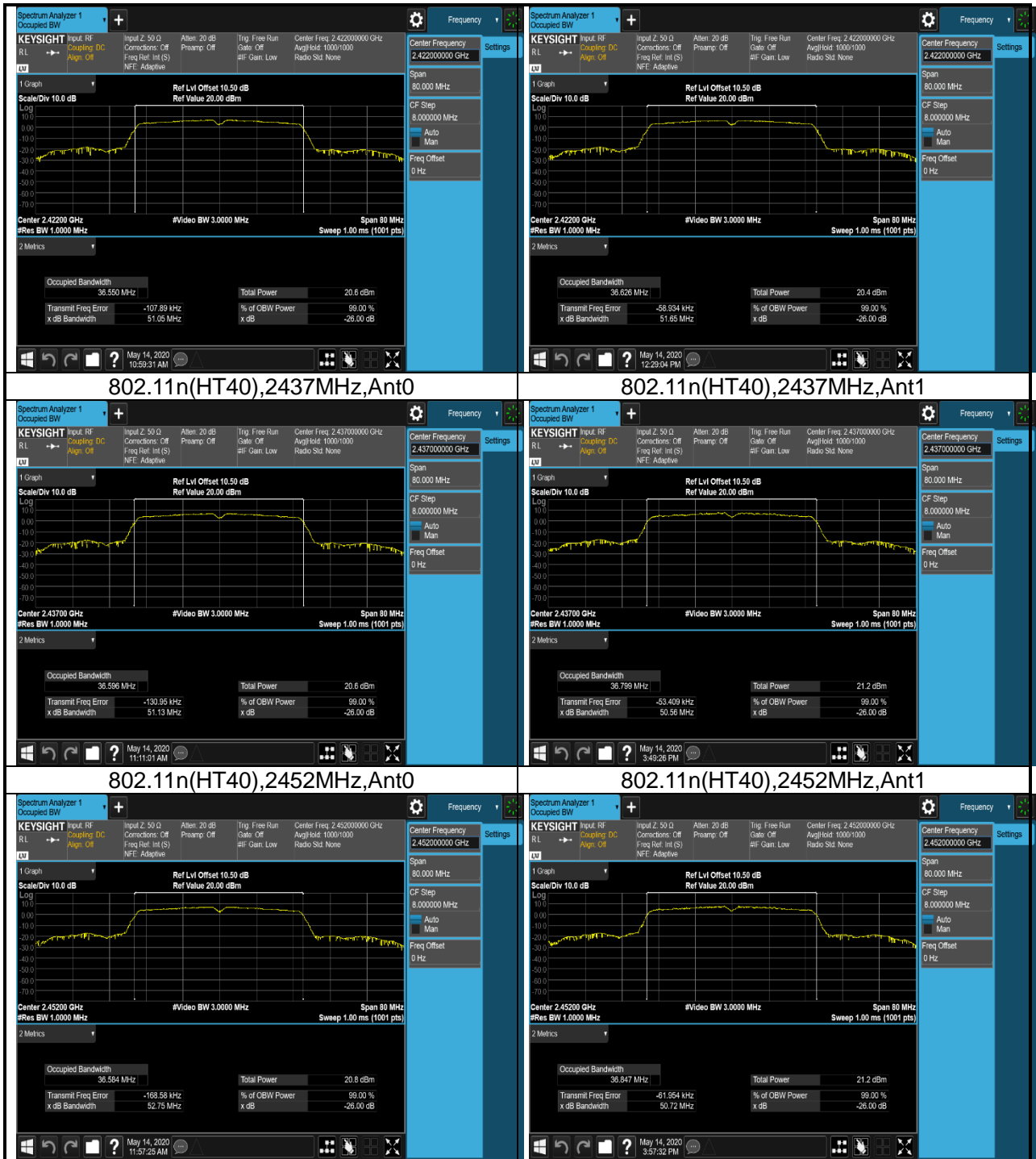
TEST REPORT



TEST REPORT



TEST REPORT



TEST REPORT

4. Maximum conducted output power and e.i.r.p

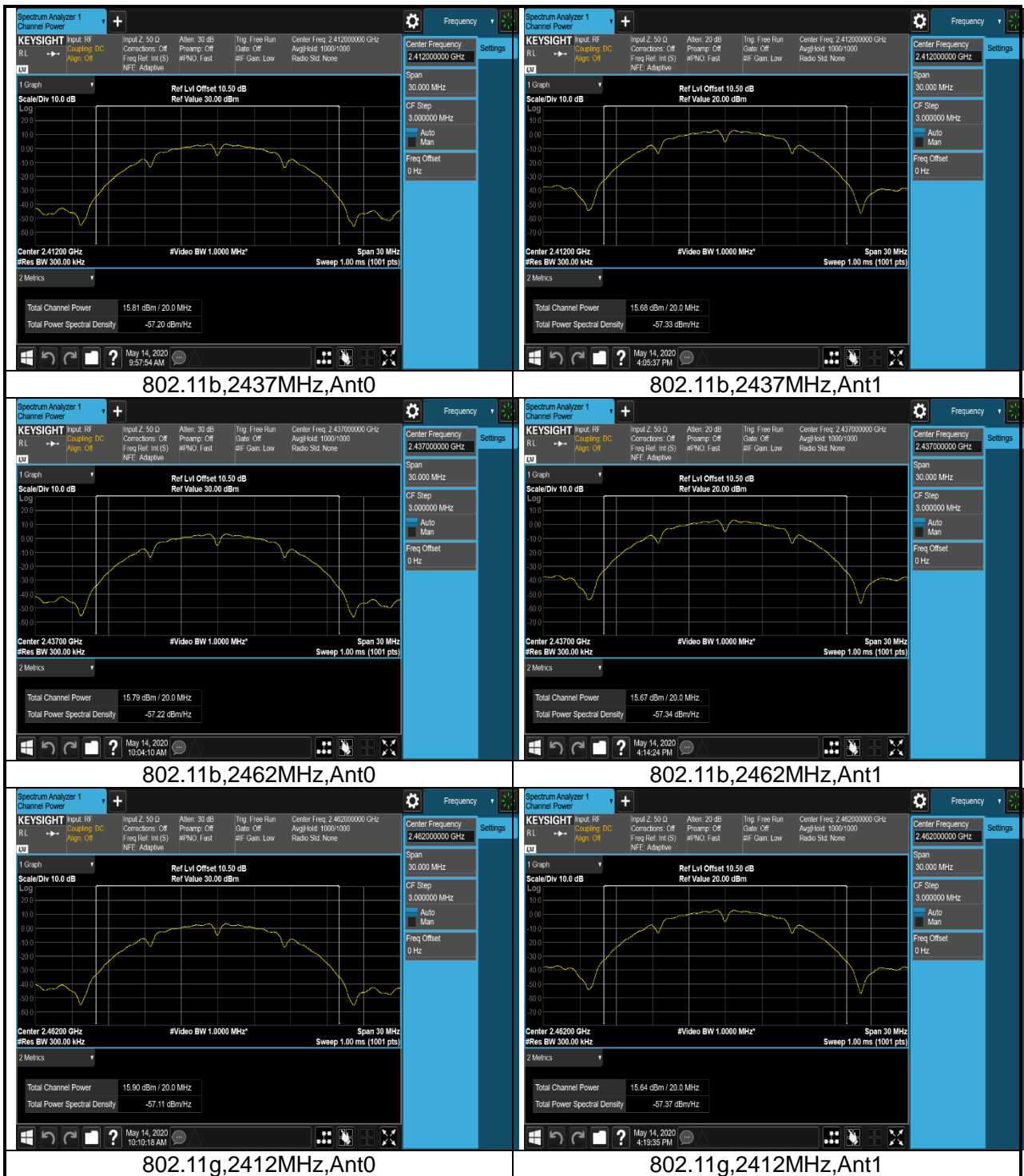
4.1 Test Data

WLAN AVGSA Output Power								
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Total Power (dBm)	FCC Power Limit (dBm)	EIRP (dBm)	Result
802.11b	2412	Ant0	0.00	15.81	15.81	30	16.81	Pass
802.11b	2412	Ant1	0.00	15.68	15.68	30	16.38	Pass
802.11b	2437	Ant0	0.00	15.79	15.79	30	16.79	Pass
802.11b	2437	Ant1	0.00	15.67	15.67	30	16.37	Pass
802.11b	2462	Ant0	0.00	15.90	15.90	30	16.90	Pass
802.11b	2462	Ant1	0.00	15.64	15.64	30	16.34	Pass
802.11g	2412	Ant0	0.11	14.88	14.88	30	15.88	Pass
802.11g	2412	Ant1	0.11	14.53	14.53	30	15.23	Pass
802.11g	2437	Ant0	0.11	14.90	14.90	30	15.90	Pass
802.11g	2437	Ant1	0.10	14.50	14.50	30	15.20	Pass
802.11g	2462	Ant0	0.11	14.95	14.95	30	15.95	Pass
802.11g	2462	Ant1	0.11	14.44	14.44	30	15.14	Pass
802.11n (HT20)	2412	Ant0	0.11	14.69	17.47	30	18.32	Pass
802.11n (HT20)	2412	Ant1	0.11	14.22				
802.11n (HT20)	2437	Ant0	0.12	14.74	17.58	30	18.43	Pass
802.11n (HT20)	2437	Ant1	0.12	14.39				
802.11n (HT20)	2462	Ant0	0.12	14.78	17.55	30	18.40	Pass
802.11n (HT20)	2462	Ant1	0.11	14.29				
802.11n (HT40)	2422	Ant0	0.23	12.78	15.76	30	16.61	Pass
802.11n (HT40)	2422	Ant1	0.22	12.71				
802.11n (HT40)	2437	Ant0	0.22	12.76	15.83	30	16.68	Pass
802.11n (HT40)	2437	Ant1	0.23	12.88				
802.11n (HT40)	2452	Ant0	0.22	12.89	15.91	30	16.76	Pass
802.11n (HT40)	2452	Ant1	0.22	12.91				

4.2 Test Plots

802.11b,2412MHz,Ant0	802.11b,2412MHz,Ant1
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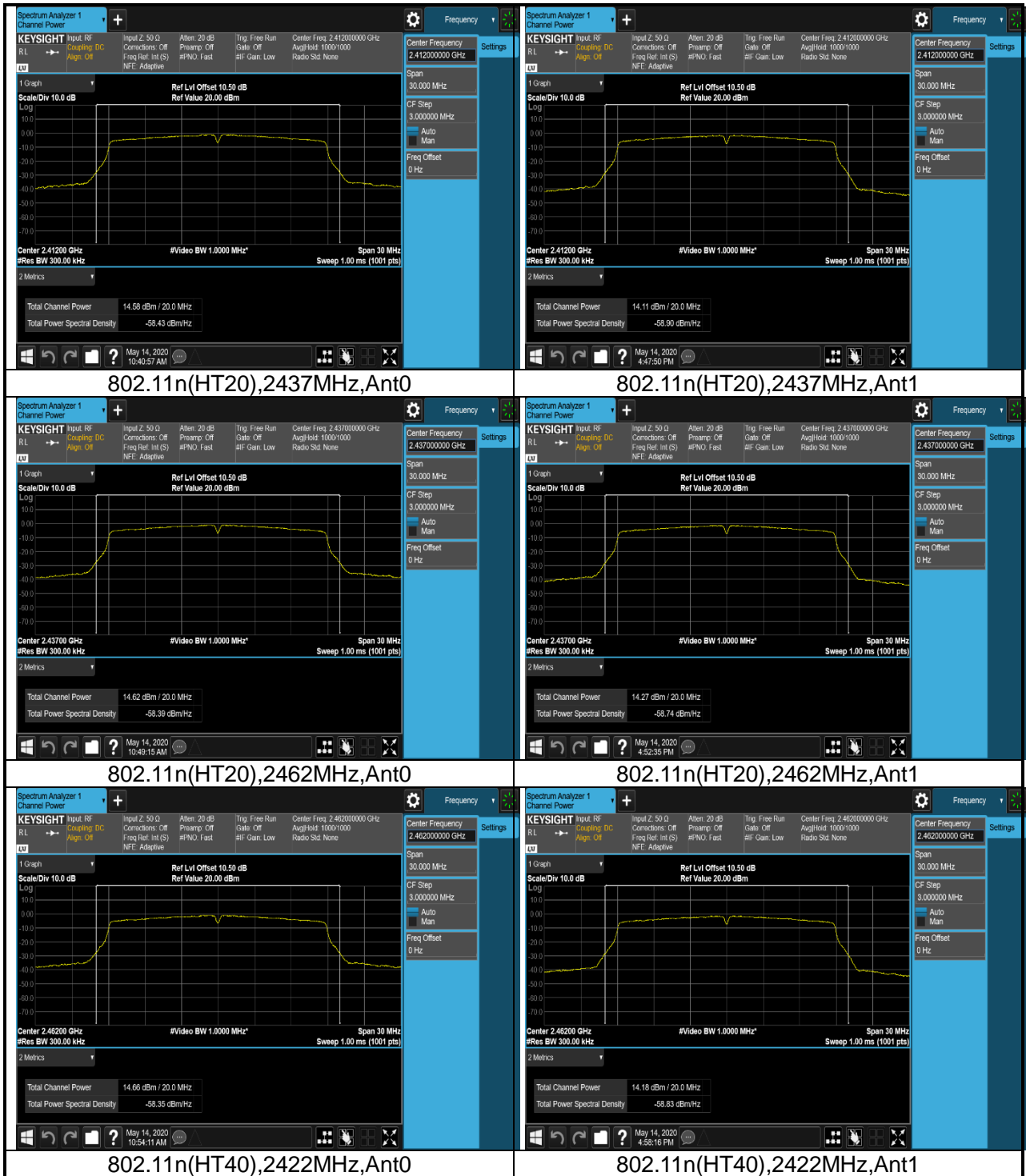
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TEST REPORT



TEST REPORT



TEST REPORT



802.11n(HT40),2437MHz,Ant0

802.11n(HT40),2437MHz,Ant1

802.11n(HT40),2452MHz,Ant0

802.11n(HT40),2452MHz,Ant1

TEST REPORT

5. Power spectrum density

5.1 Test Data

WLAN AVGSA Power Spectral Density								
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	Total PSD (dBm)	RBW (kHz)	PSD Limit (dBm)	Result
802.11b	2412	Ant0	0.00	-1.071	-1.071	100	8	Pass
802.11b	2412	Ant1	0.00	-1.144	-1.144	100	8	Pass
802.11b	2437	Ant0	0.00	-1.216	-1.216	100	8	Pass
802.11b	2437	Ant1	0.00	-1.406	-1.406	100	8	Pass
802.11b	2462	Ant0	0.00	-1.175	-1.175	100	8	Pass
802.11b	2462	Ant1	0.00	-1.363	-1.363	100	8	Pass
802.11g	2412	Ant0	0.11	-4.259	-4.259	100	8	Pass
802.11g	2412	Ant1	0.11	-4.741	-4.741	100	8	Pass
802.11g	2437	Ant0	0.11	-4.293	-4.293	100	8	Pass
802.11g	2437	Ant1	0.10	-4.654	-4.654	100	8	Pass
802.11g	2462	Ant0	0.11	-4.128	-4.128	100	8	Pass
802.11g	2462	Ant1	0.11	-4.737	-4.737	100	8	Pass
802.11n (HT20)	2412	Ant0	0.11	-4.565	-1.815	100	8	Pass
802.11n (HT20)	2412	Ant1	0.11	-5.102				
802.11n (HT20)	2437	Ant0	0.12	-4.487	-1.688	100	8	Pass
802.11n (HT20)	2437	Ant1	0.12	-4.920				
802.11n (HT20)	2462	Ant0	0.12	-4.334	-1.661	100	8	Pass
802.11n (HT20)	2462	Ant1	0.11	-5.036				
802.11n (HT40)	2422	Ant0	0.23	-9.533	-6.776	100	8	Pass
802.11n (HT40)	2422	Ant1	0.22	-10.056				
802.11n (HT40)	2437	Ant0	0.22	-9.964	-6.764	100	8	Pass
802.11n (HT40)	2437	Ant1	0.23	-9.593				
802.11n (HT40)	2452	Ant0	0.22	-9.490	-6.532	100	8	Pass
802.11n (HT40)	2452	Ant1	0.22	-9.595				

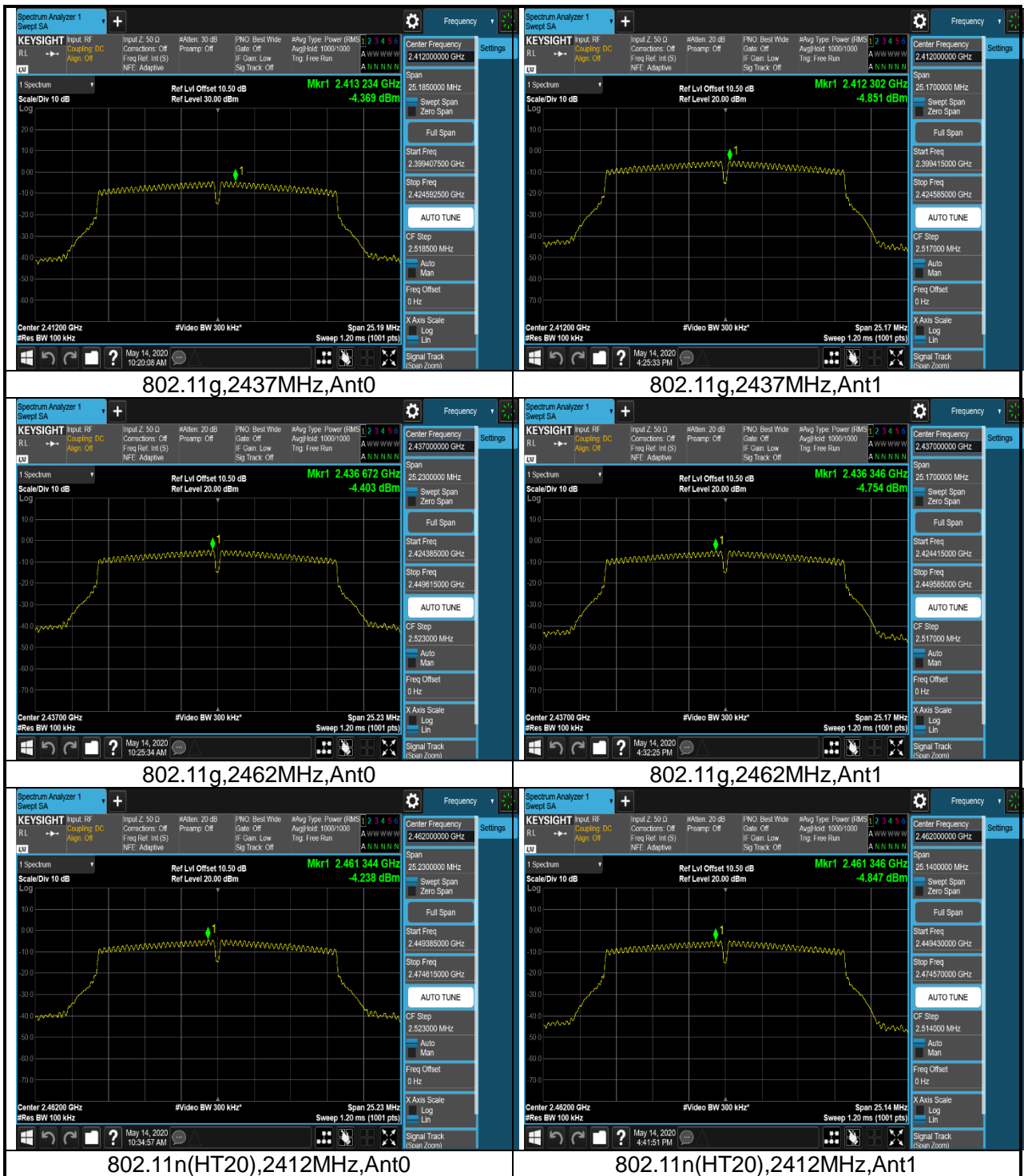
5.2 Test Plots

802.11b,2412MHz,Ant0	802.11b,2412MHz,Ant1
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TEST REPORT



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TEST REPORT

