

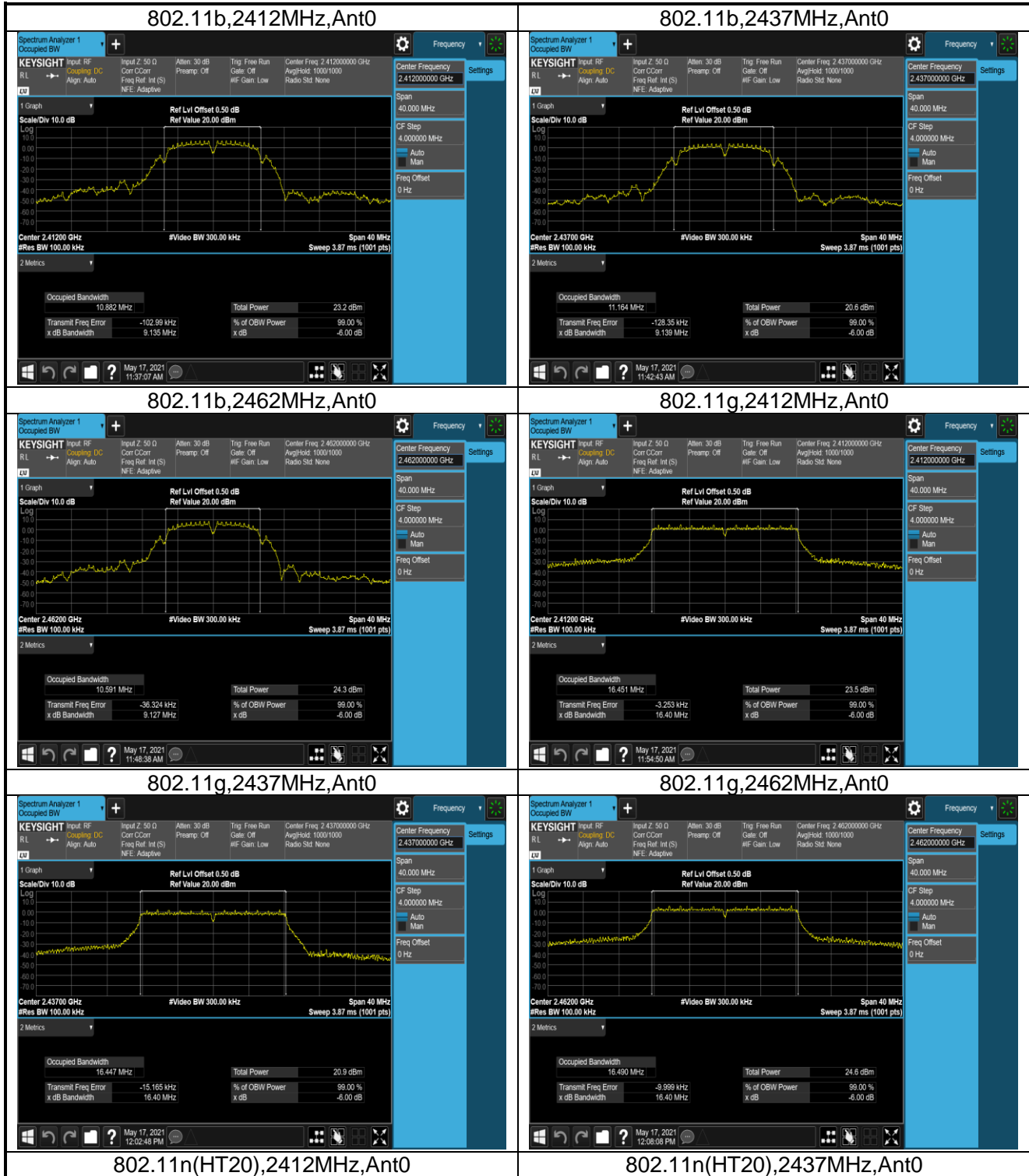
Appendix A: Test results

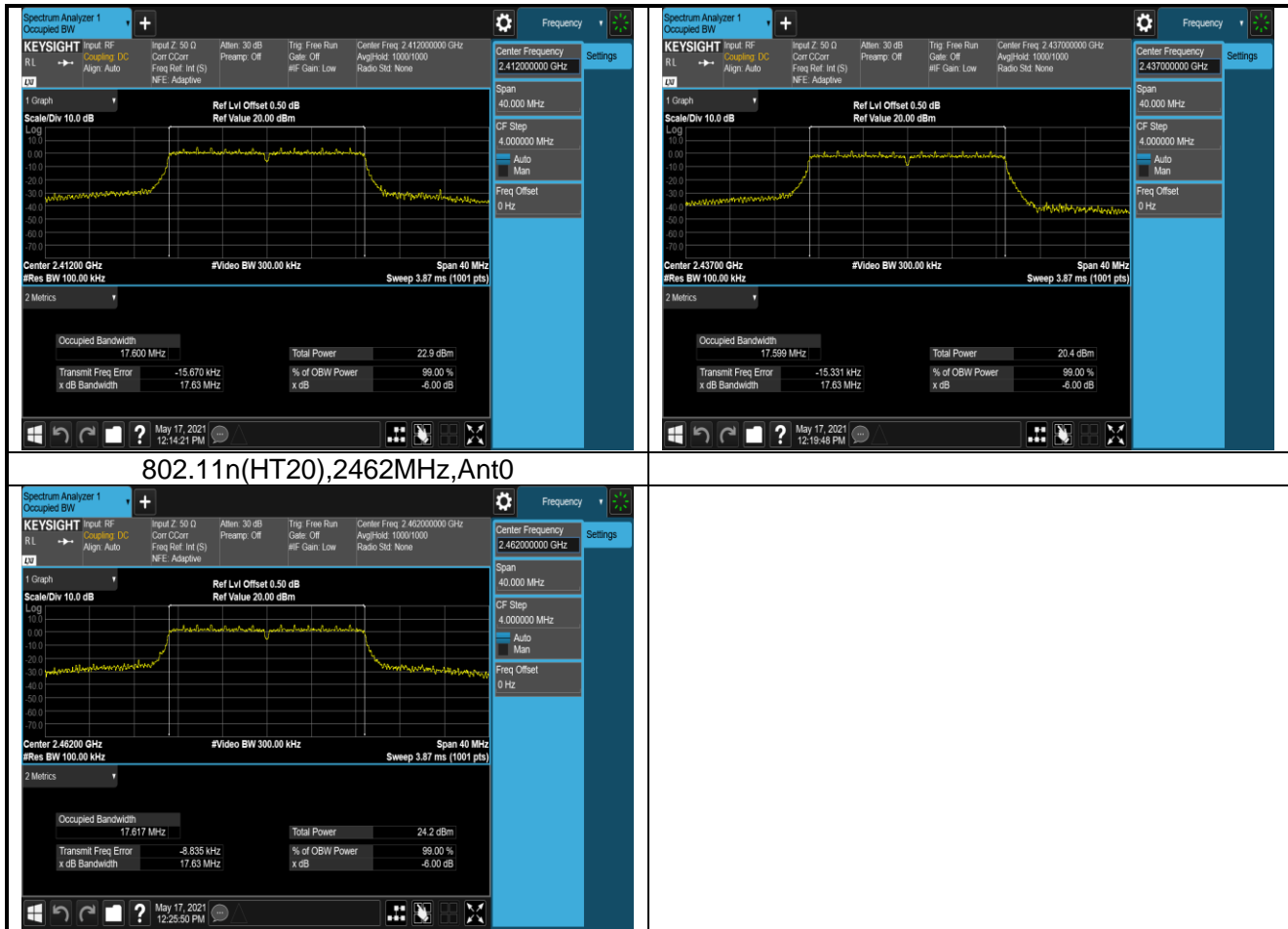
1. Minimum 6dB bandwidth

1.1 Test Data

WLAN Occupied 6dB Bandwidth				
Mode	Test Frequency (MHz)	Ant	Occupied Bandwidth (MHz)	Result
802.11b	2412	Ant0	9.14	Pass
802.11b	2437	Ant0	9.14	Pass
802.11b	2462	Ant0	9.13	Pass
802.11g	2412	Ant0	16.40	Pass
802.11g	2437	Ant0	16.41	Pass
802.11g	2462	Ant0	16.40	Pass
802.11n (HT20)	2412	Ant0	17.63	Pass
802.11n (HT20)	2437	Ant0	17.63	Pass
802.11n (HT20)	2462	Ant0	17.63	Pass

1.2 Test Plots



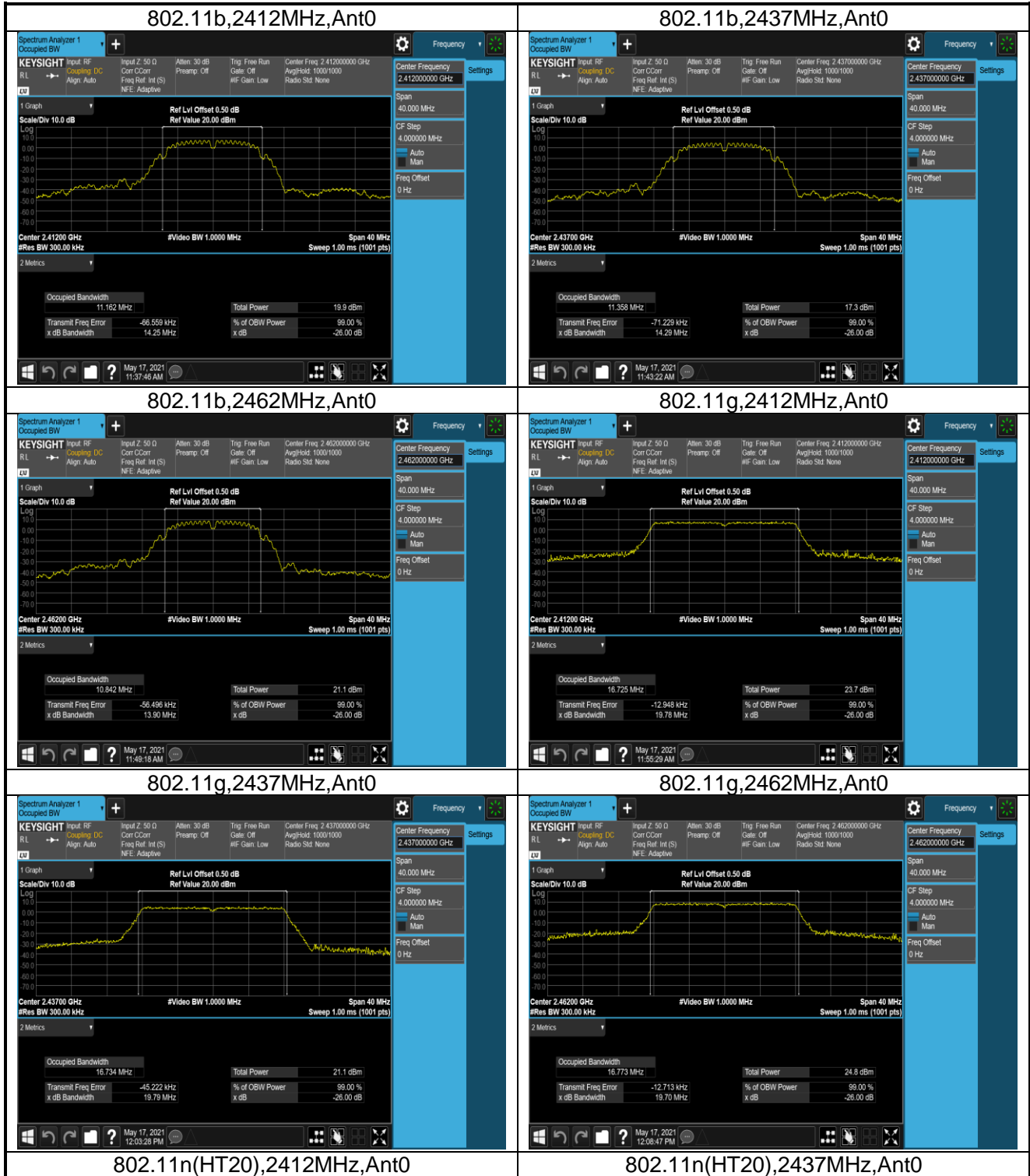


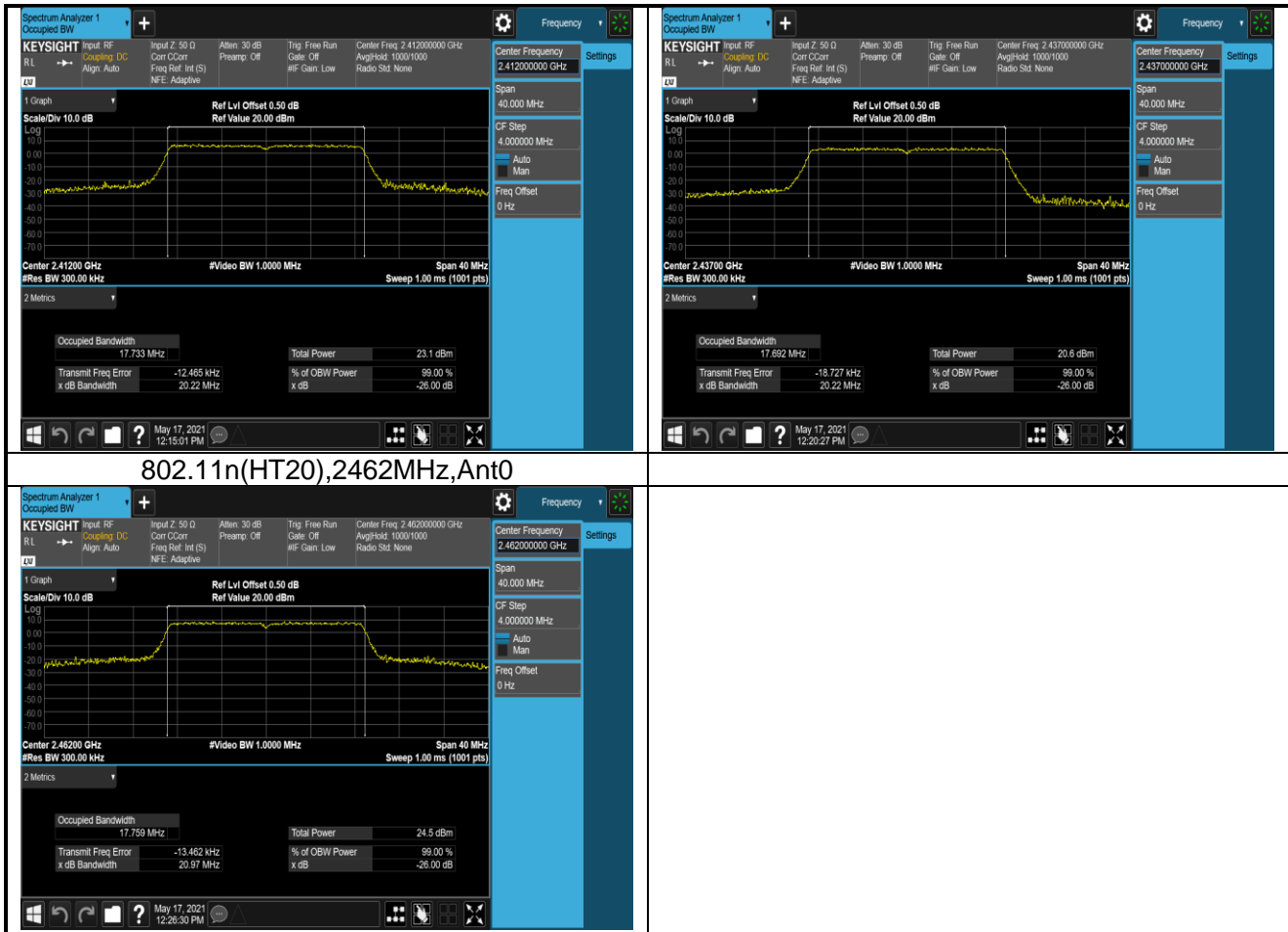
2. Occupied Bandwidth

2.1 Test Data

WLAN 99% Occupied Bandwidth				
Mode	Test Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Result
802.11b	2412	Ant0	11.162	Pass
802.11b	2437	Ant0	11.358	Pass
802.11b	2462	Ant0	10.842	Pass
802.11g	2412	Ant0	16.725	Pass
802.11g	2437	Ant0	16.734	Pass
802.11g	2462	Ant0	16.773	Pass
802.11n (HT20)	2412	Ant0	17.733	Pass
802.11n (HT20)	2437	Ant0	17.692	Pass
802.11n (HT20)	2462	Ant0	17.759	Pass

2.2 Test Plots



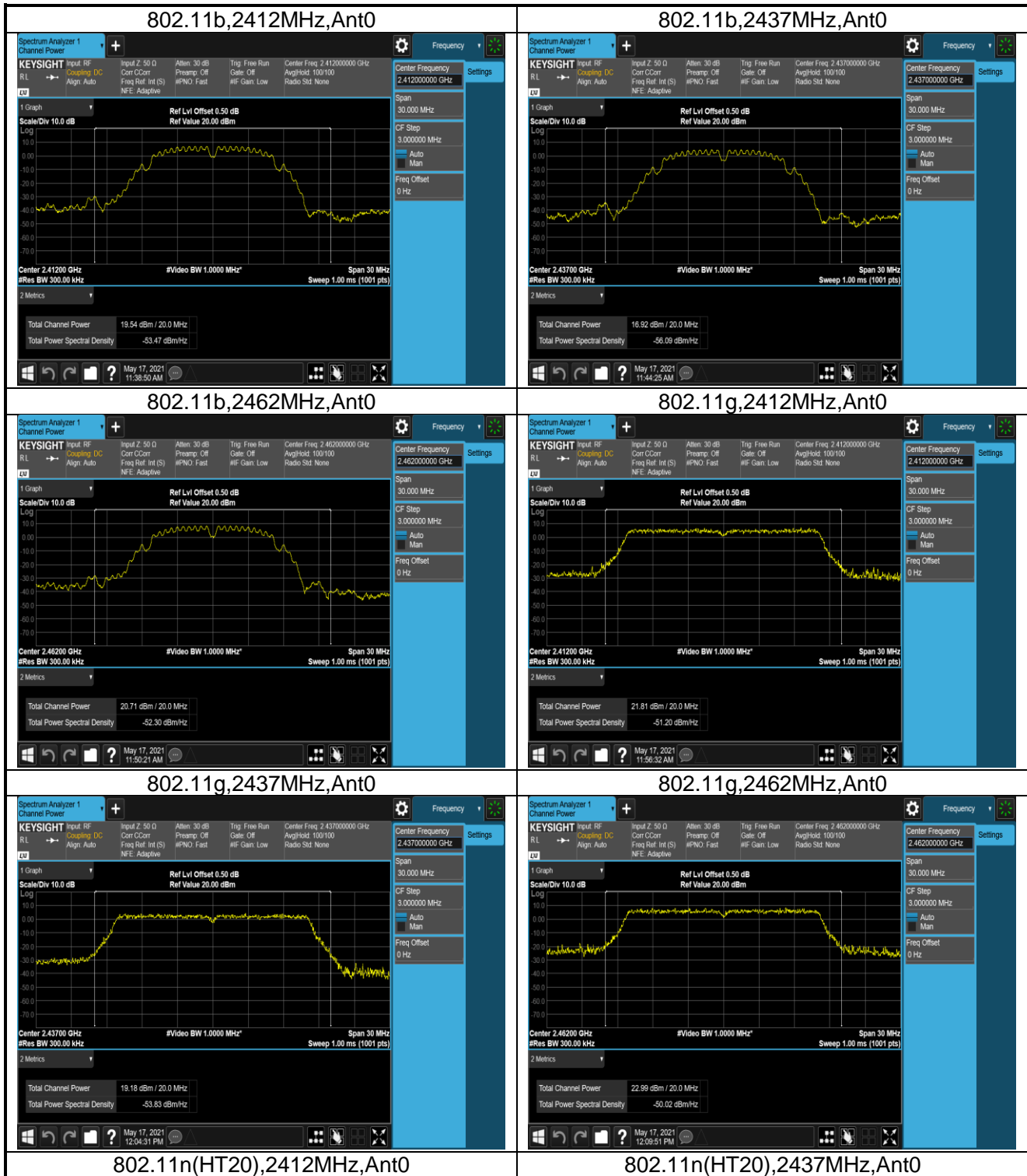


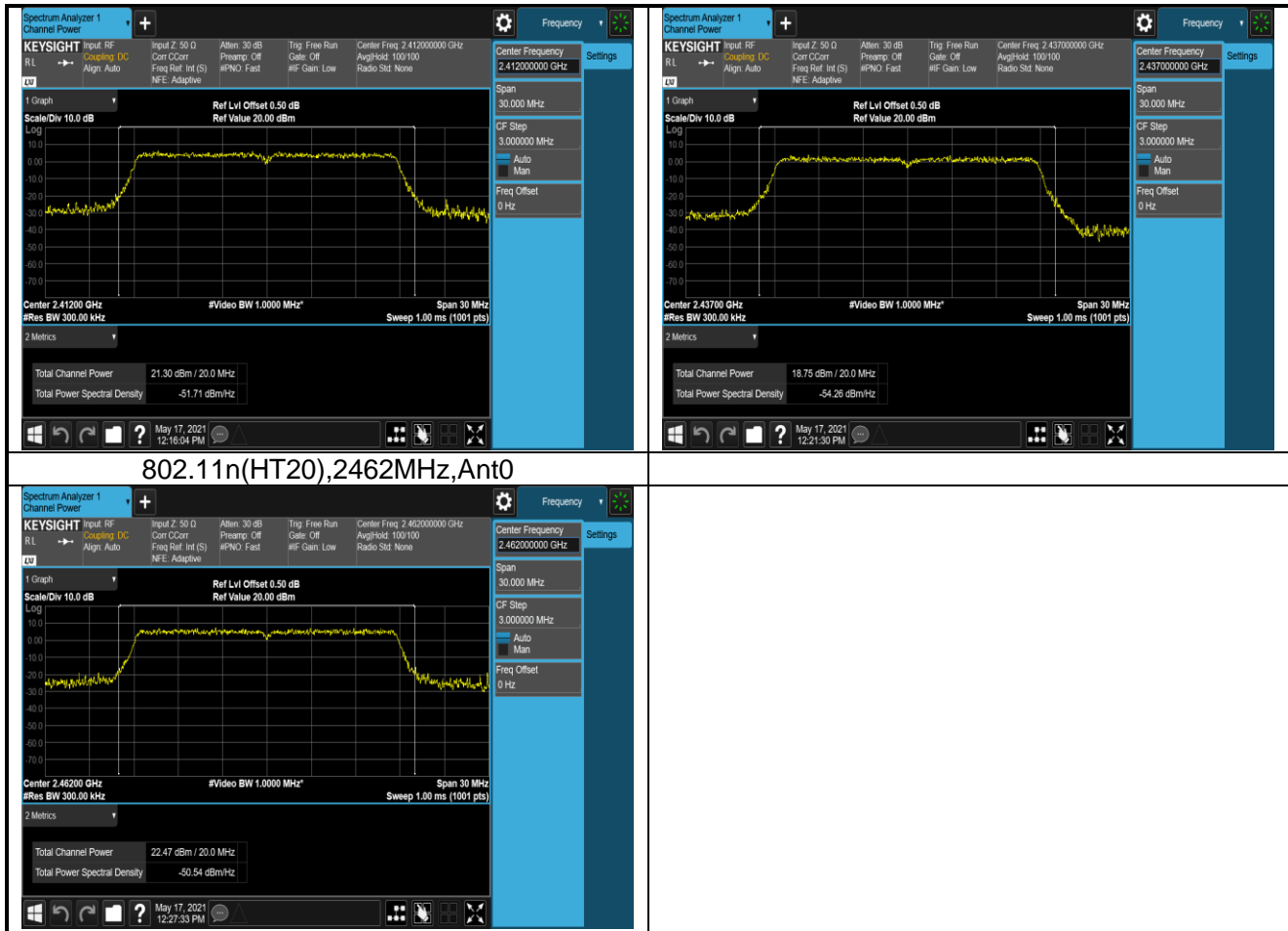
3. Maximum conducted output power and e.i.r.p

3.1 Test Data

WLAN AVGSA Output Power							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	Max Power (dBm)	Limit (dBm)	EIRP (dBm)	Result
802.11b	2412	Ant0	0.00	19.54	30	23.24	Pass
802.11b	2437	Ant0	0.00	16.92	30	20.62	Pass
802.11b	2462	Ant0	0.00	20.71	30	24.41	Pass
802.11g	2412	Ant0	0.00	21.81	30	25.51	Pass
802.11g	2437	Ant0	0.00	19.18	30	22.88	Pass
802.11g	2462	Ant0	0.00	22.99	30	26.69	Pass
802.11n (HT20)	2412	Ant0	0.00	21.30	30	25.00	Pass
802.11n (HT20)	2437	Ant0	0.00	18.75	30	22.45	Pass
802.11n (HT20)	2462	Ant0	0.00	22.47	30	26.17	Pass

3.2 Test Plots





4. Power spectrum density

4.1 Test Data

WLAN AVGSA Power Spectral Density							
Mode	Test Frequency (MHz)	Ant	Duty Cycle Factor (dB)	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11b	2412	Ant0	0.00	-7.071	3	8	Pass
802.11b	2437	Ant0	0.00	-9.775	3	8	Pass
802.11b	2462	Ant0	0.00	-5.744	3	8	Pass
802.11g	2412	Ant0	0.00	-8.404	3	8	Pass
802.11g	2437	Ant0	0.00	-9.691	3	8	Pass
802.11g	2462	Ant0	0.00	-7.143	3	8	Pass
802.11n (HT20)	2412	Ant0	0.00	-8.582	3	8	Pass
802.11n (HT20)	2437	Ant0	0.00	-10.387	3	8	Pass
802.11n (HT20)	2462	Ant0	0.00	-6.522	3	8	Pass

4.2 Test Plots

