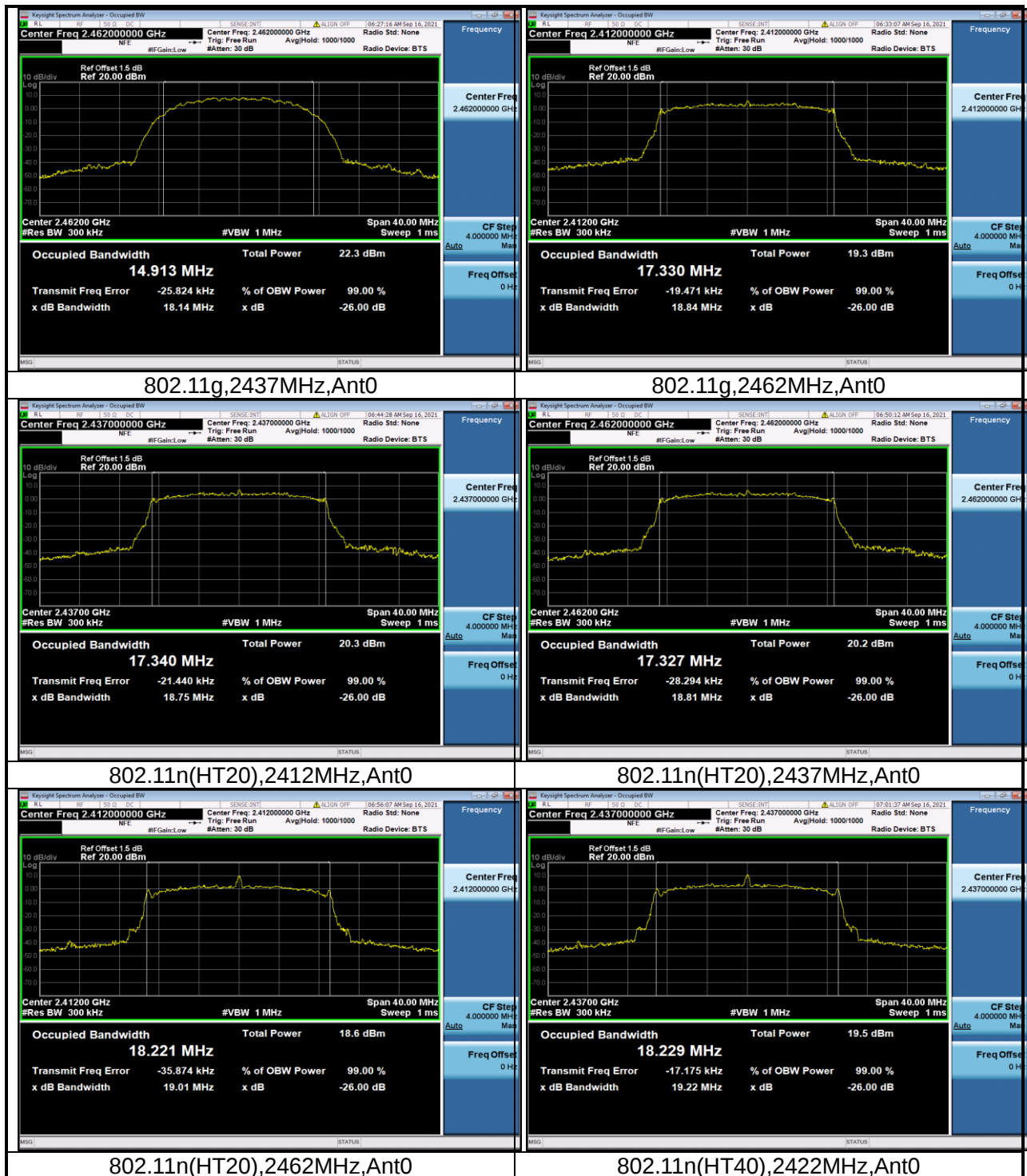
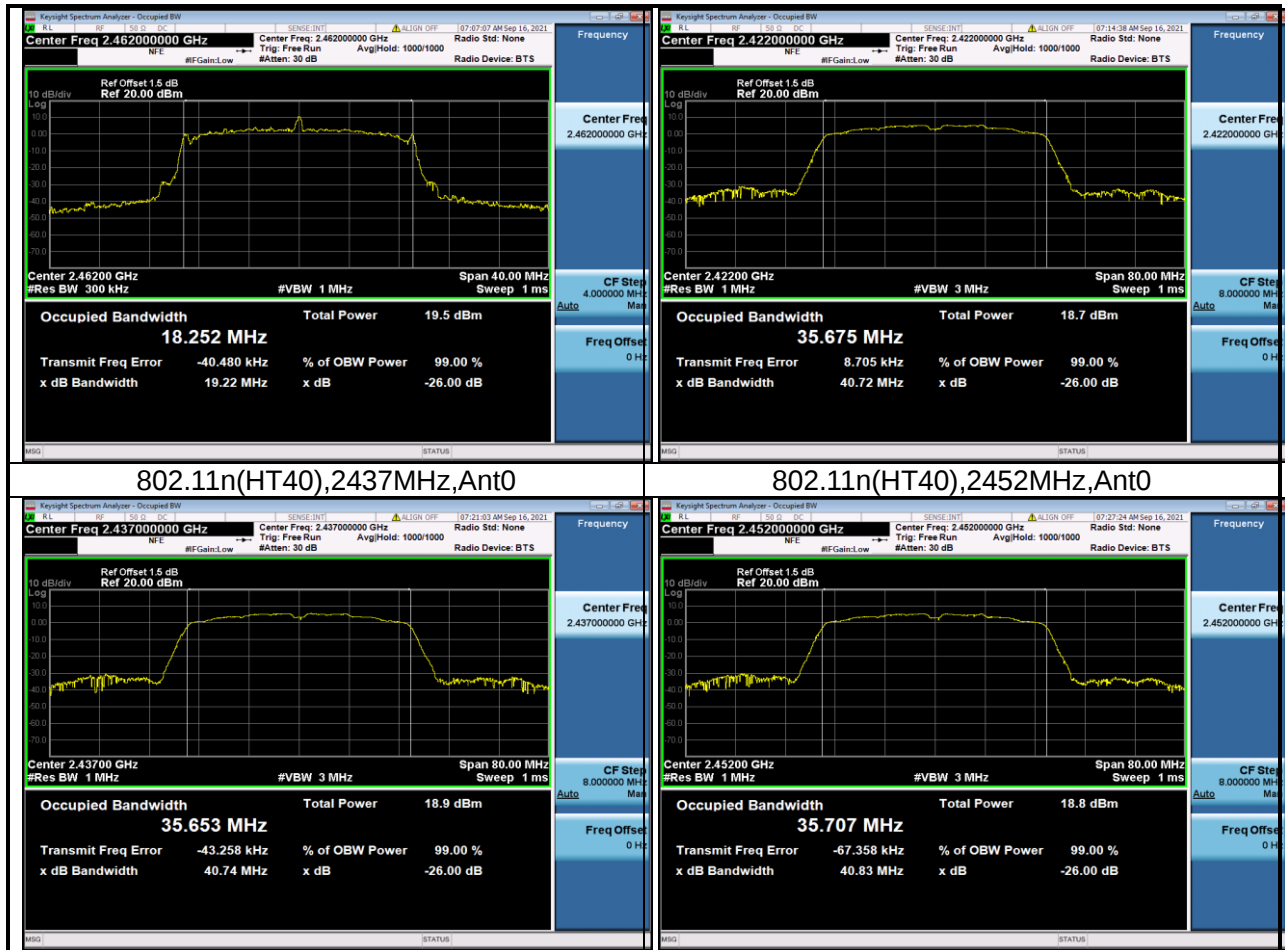




TEST REPORT



4. Power Spectral Density

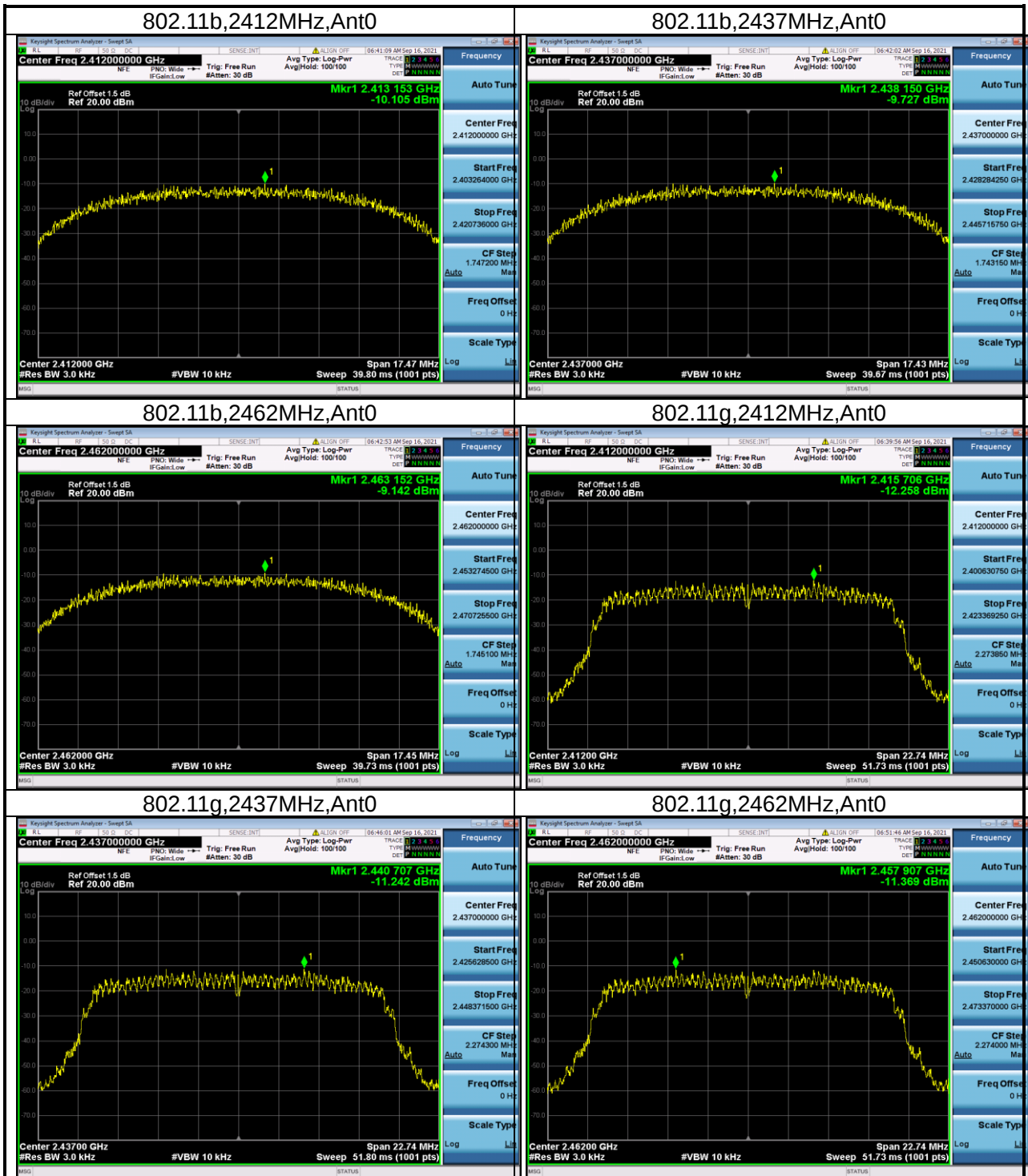
4.1 Test Result and Data

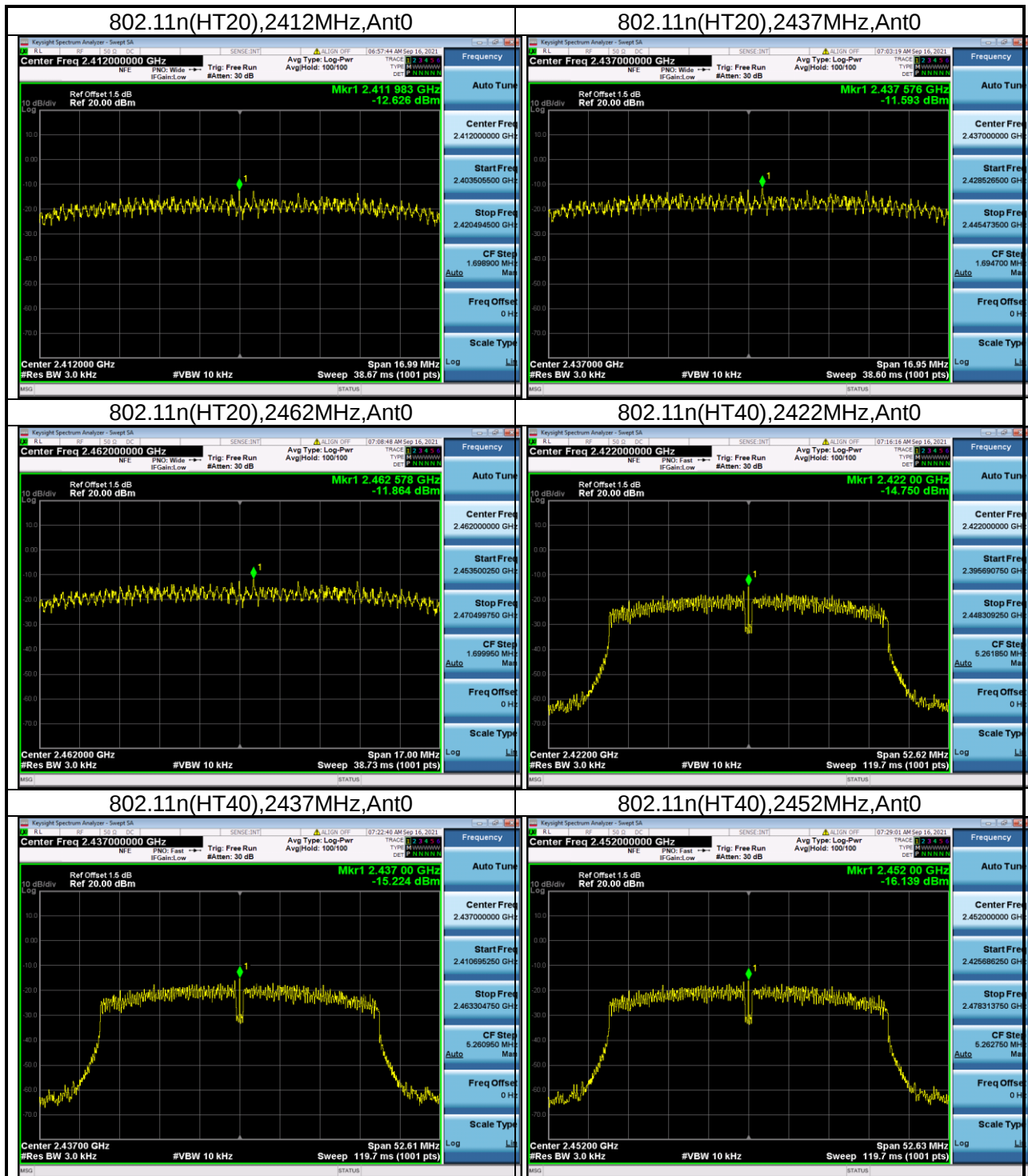
WLAN PEAK Power Spectral Density						
Mode	Test Frequency (MHz)	Ant	PSD (dBm)	RBW (kHz)	Limit (dBm)	Result
802.11b	2412	Ant0	-10.105	3	8	Pass
802.11b	2437	Ant0	-9.727	3	8	Pass
802.11b	2462	Ant0	-9.142	3	8	Pass
802.11g	2412	Ant0	-12.258	3	8	Pass
802.11g	2437	Ant0	-11.242	3	8	Pass
802.11g	2462	Ant0	-11.369	3	8	Pass
802.11n (HT20)	2412	Ant0	-12.626	3	8	Pass
802.11n (HT20)	2437	Ant0	-11.593	3	8	Pass
802.11n (HT20)	2462	Ant0	-11.864	3	8	Pass

TEST REPORT

802.11n (HT40)	2422	Ant0	-14.750	3	8	Pass
802.11n (HT40)	2437	Ant0	-15.224	3	8	Pass
802.11n (HT40)	2452	Ant0	-16.139	3	8	Pass

4.2 Test Plots





TEST REPORT

5. Emission outside the frequency band

5.1 Test Result and Data

WLAN Transmitter Spurious Emission						
Mode	Test Frequency (MHz)	Ant	Plot No.	Frequency Range	Emission (dBm)	Result
802.11b	2412	Ant0	1	Reference Level	3.78	Pass
802.11b	2412	Ant0	2	Band Edge	-42.47	Pass
802.11b	2412	Ant0	3	30MHz~2310MHz	-55.42	Pass
802.11b	2412	Ant0	4	2500MHz~5000MHz	-50.88	Pass
802.11b	2412	Ant0	5	5000MHz~25000MHz	-42.97	Pass
802.11b	2437	Ant0	1	Reference Level	4.23	Pass
802.11b	2437	Ant0	2	Band Edge	-51.46	Pass
802.11b	2437	Ant0	3	30MHz~2310MHz	-54.36	Pass
802.11b	2437	Ant0	4	2500MHz~5000MHz	-49.89	Pass
802.11b	2437	Ant0	5	5000MHz~25000MHz	-43.35	Pass
802.11b	2462	Ant0	1	Reference Level	5.32	Pass
802.11b	2462	Ant0	2	Band Edge	-51.38	Pass
802.11b	2462	Ant0	3	30MHz~2310MHz	-55.11	Pass
802.11b	2462	Ant0	4	2500MHz~5000MHz	-49.60	Pass
802.11b	2462	Ant0	5	5000MHz~25000MHz	-43.05	Pass
802.11g	2412	Ant0	1	Reference Level	1.17	Pass
802.11g	2412	Ant0	2	Band Edge	-42.94	Pass
802.11g	2412	Ant0	3	30MHz~2310MHz	-55.80	Pass
802.11g	2412	Ant0	4	2500MHz~5000MHz	-53.06	Pass
802.11g	2412	Ant0	5	5000MHz~25000MHz	-42.85	Pass
802.11g	2437	Ant0	1	Reference Level	2.26	Pass
802.11g	2437	Ant0	2	Band Edge	-51.24	Pass
802.11g	2437	Ant0	3	30MHz~2310MHz	-55.75	Pass
802.11g	2437	Ant0	4	2500MHz~5000MHz	-53.36	Pass
802.11g	2437	Ant0	5	5000MHz~25000MHz	-42.32	Pass
802.11g	2462	Ant0	1	Reference Level	1.75	Pass
802.11g	2462	Ant0	2	Band Edge	-48.81	Pass

TEST REPORT

802.11g	2462	Ant0	3	30MHz~2310MHz	-56.21	Pass
802.11g	2462	Ant0	4	2500MHz~5000MHz	-53.30	Pass
802.11g	2462	Ant0	5	5000MHz~25000MHz	-42.59	Pass
802.11n (HT20)	2412	Ant0	1	Reference Level	4.05	Pass
802.11n (HT20)	2412	Ant0	2	Band Edge	-43.85	Pass
802.11n (HT20)	2412	Ant0	3	30MHz~2310MHz	-55.52	Pass
802.11n (HT20)	2412	Ant0	4	2500MHz~5000MHz	-52.94	Pass
802.11n (HT20)	2412	Ant0	5	5000MHz~25000MHz	-42.41	Pass
802.11n (HT20)	2437	Ant0	1	Reference Level	5.22	Pass
802.11n (HT20)	2437	Ant0	2	Band Edge	-51.49	Pass
802.11n (HT20)	2437	Ant0	3	30MHz~2310MHz	-55.36	Pass
802.11n (HT20)	2437	Ant0	4	2500MHz~5000MHz	-52.62	Pass
802.11n (HT20)	2437	Ant0	5	5000MHz~25000MHz	-43.09	Pass
802.11n (HT20)	2462	Ant0	1	Reference Level	4.87	Pass
802.11n (HT20)	2462	Ant0	2	Band Edge	-49.98	Pass
802.11n (HT20)	2462	Ant0	3	30MHz~2310MHz	-56.51	Pass
802.11n (HT20)	2462	Ant0	4	2500MHz~5000MHz	-53.18	Pass
802.11n (HT20)	2462	Ant0	5	5000MHz~25000MHz	-42.71	Pass
802.11n (HT40)	2422	Ant0	1	Reference Level	-2.61	Pass
802.11n (HT40)	2422	Ant0	2	Band Edge	-43.44	Pass
802.11n (HT40)	2422	Ant0	3	30MHz~2310MHz	-51.81	Pass
802.11n (HT40)	2422	Ant0	4	2500MHz~5000MHz	-49.00	Pass
802.11n (HT40)	2422	Ant0	5	5000MHz~25000MHz	-42.34	Pass
802.11n (HT40)	2437	Ant0	1	Reference Level	-2.24	Pass
802.11n (HT40)	2437	Ant0	2	Band Edge	-51.16	Pass
802.11n (HT40)	2437	Ant0	3	30MHz~2310MHz	-51.92	Pass
802.11n (HT40)	2437	Ant0	4	2500MHz~5000MHz	-48.84	Pass

TEST REPORT

802.11n (HT40)	2437	Ant0	5	5000MHz~25000MHz	-43.35	Pass
802.11n (HT40)	2452	Ant0	1	Reference Level	-2.46	Pass
802.11n (HT40)	2452	Ant0	2	Band Edge	-48.10	Pass
802.11n (HT40)	2452	Ant0	3	30MHz~2310MHz	-51.68	Pass
802.11n (HT40)	2452	Ant0	4	2500MHz~5000MHz	-48.63	Pass
802.11n (HT40)	2452	Ant0	5	5000MHz~25000MHz	-42.96	Pass

5.2 Test plots

