

Appendix for WIFI 2.4GHz

Product Name: Smart Tablet

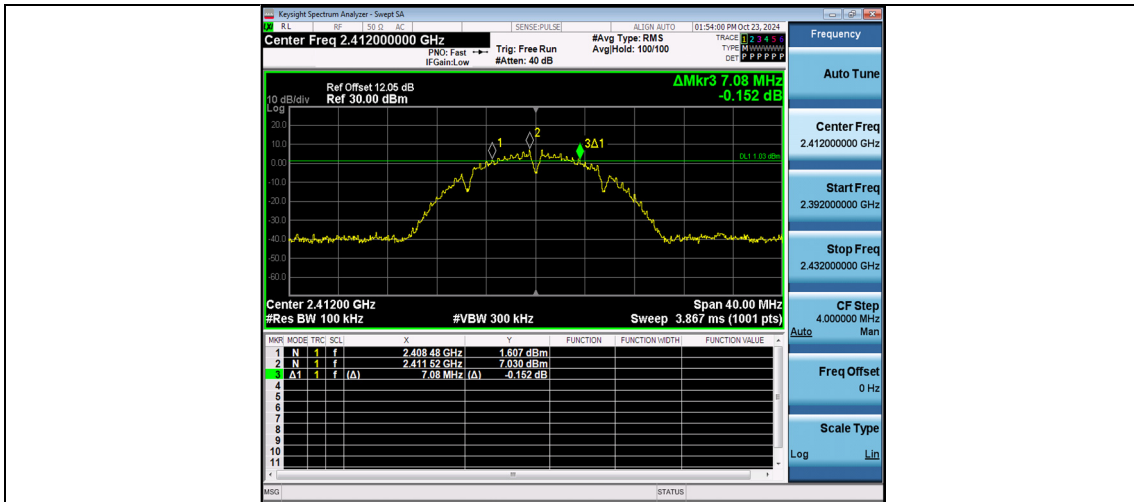
Model No: T3V-B01

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.080	2408.480	2415.560	0.5	PASS
11B	Ant1	2437	7.560	2433.480	2441.040	0.5	PASS
11B	Ant1	2462	7.520	2458.000	2465.520	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
11G	Ant1	2437	16.400	2428.840	2445.240	0.5	PASS
11G	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
11N20SISO	Ant1	2437	17.600	2428.200	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
11N40SISO	Ant1	2437	36.240	2418.920	2455.160	0.5	PASS
11N40SISO	Ant1	2452	36.320	2433.840	2470.160	0.5	PASS

Test Graphs



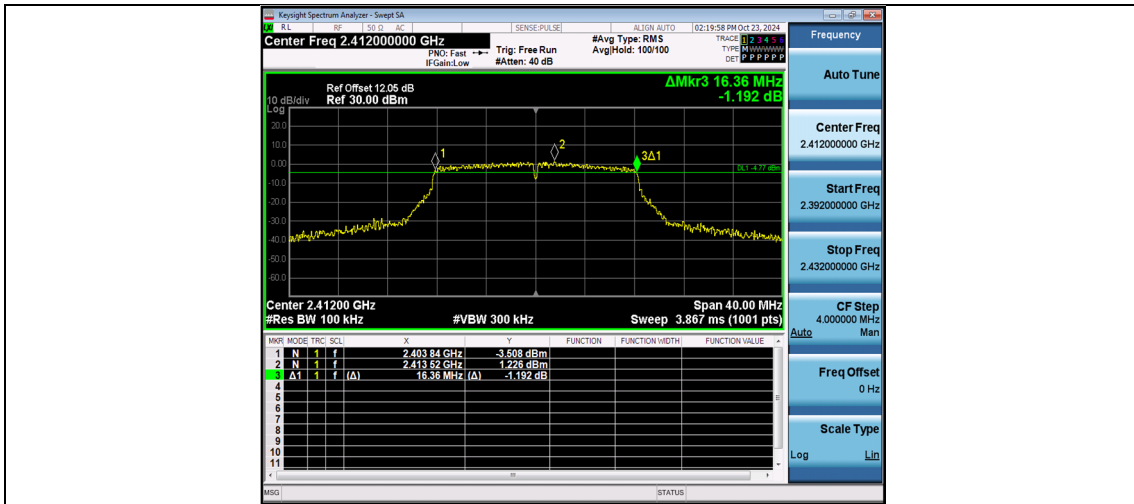
11B-Ant1-2412-PASS



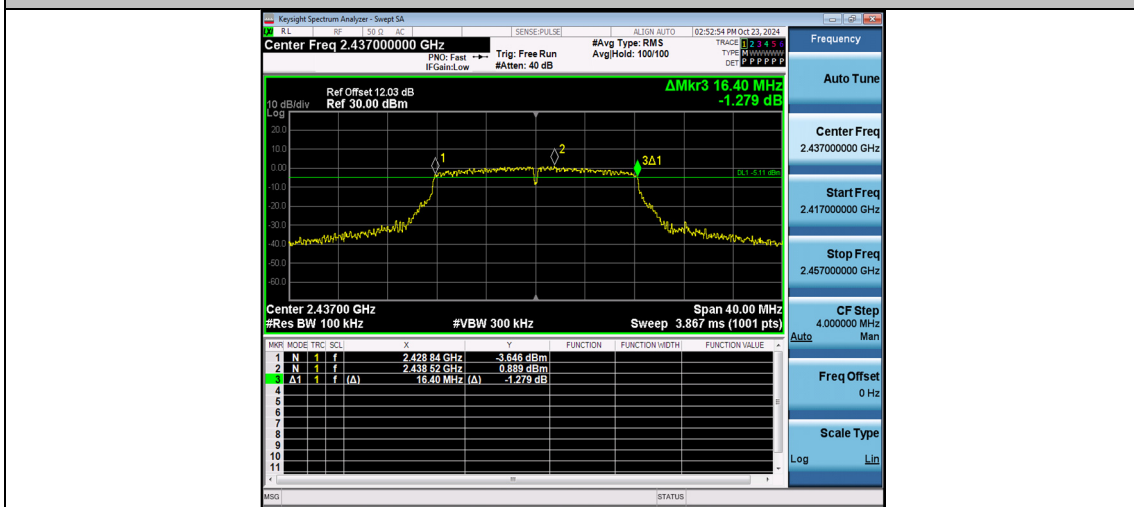
11B-Ant1-2437-PASS



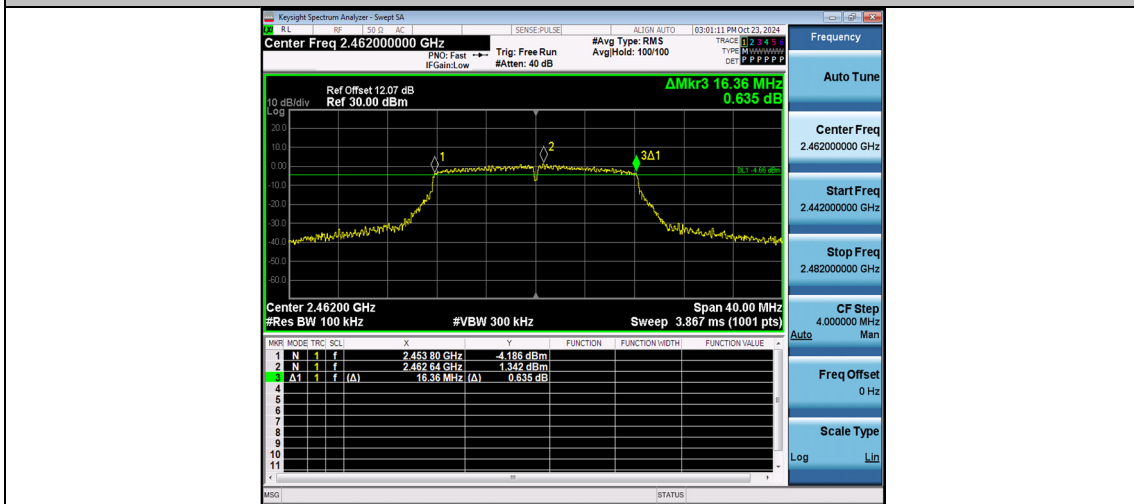
11B-Ant1-2462-PASS



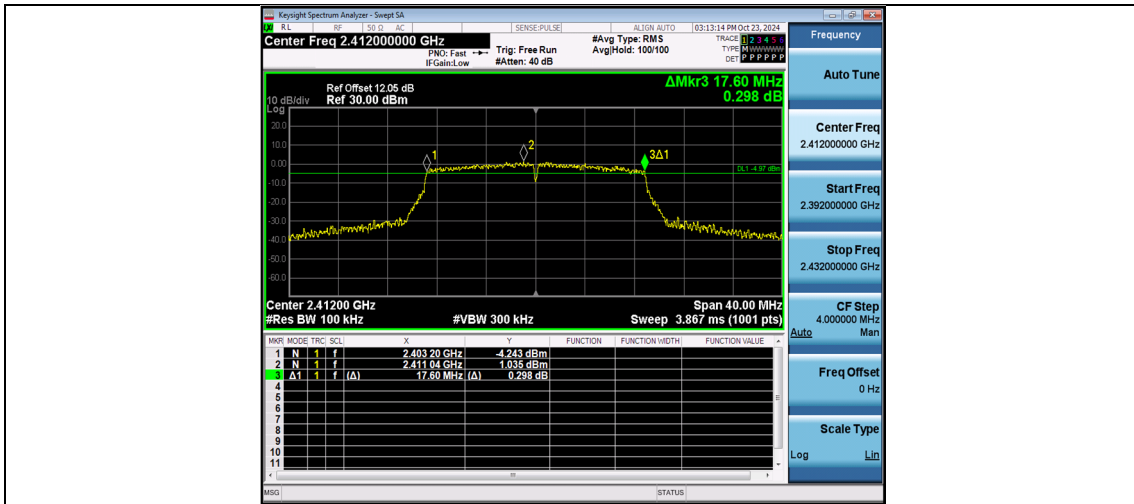
11G-Ant1-2412-PASS



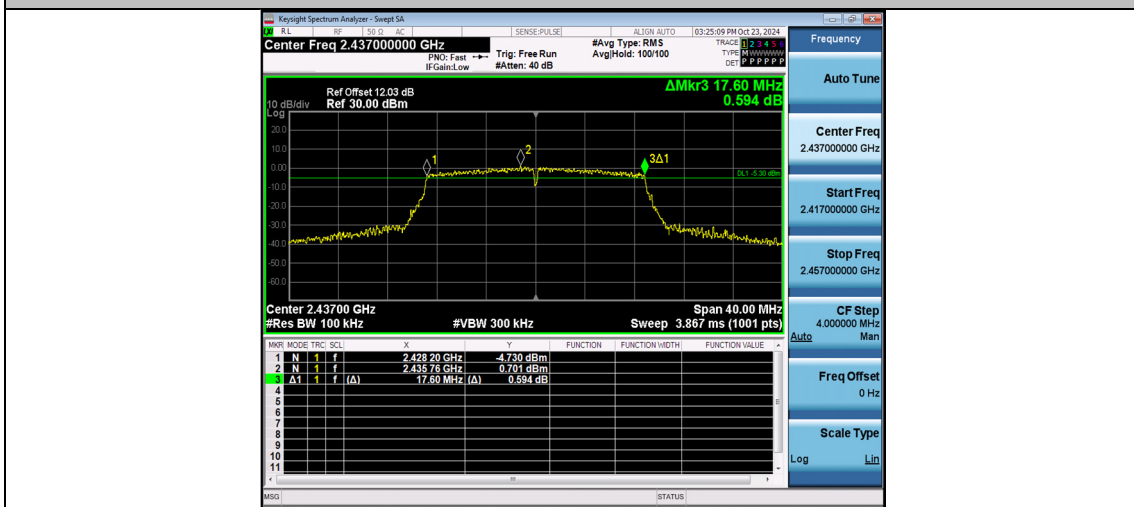
11G-Ant1-2437-PASS



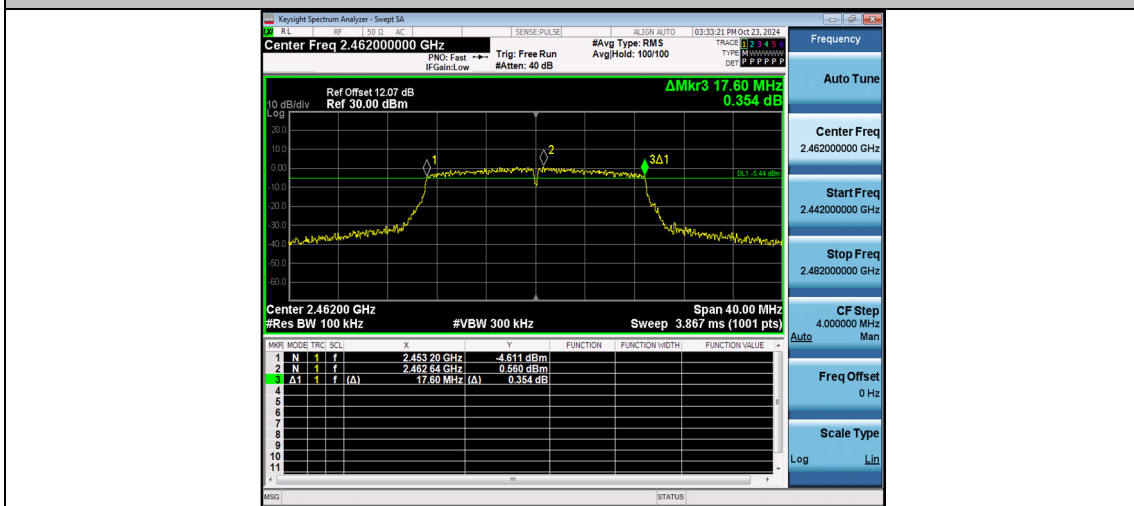
11G-Ant1-2462-PASS



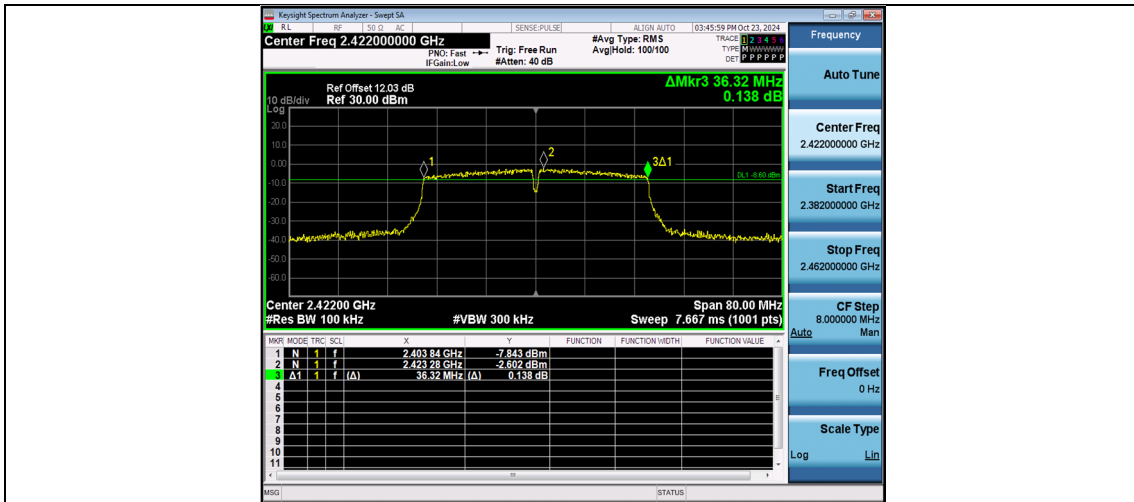
11N20SISO-Ant1-2412-PASS



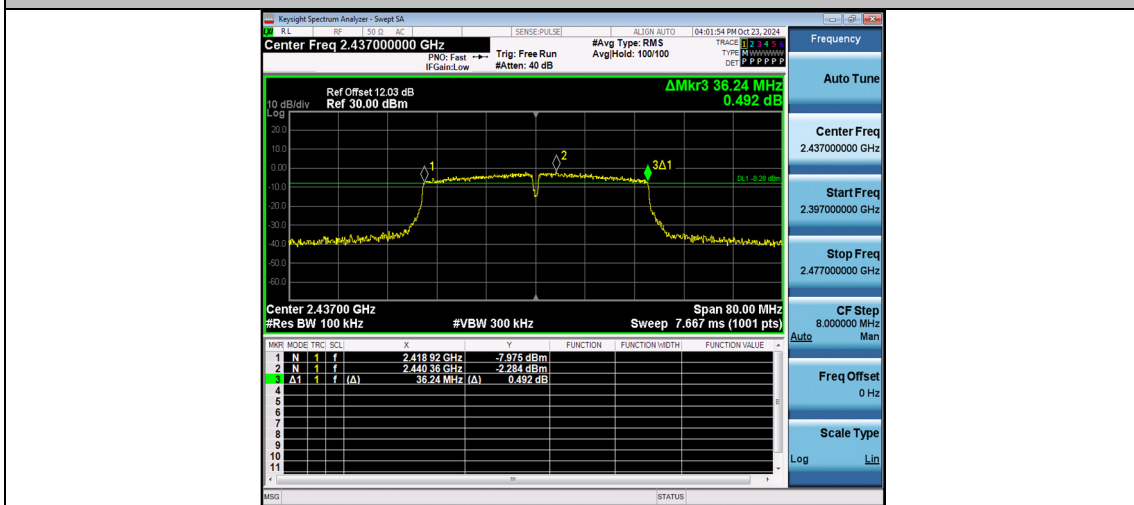
11N20SISO-Ant1-2437-PASS



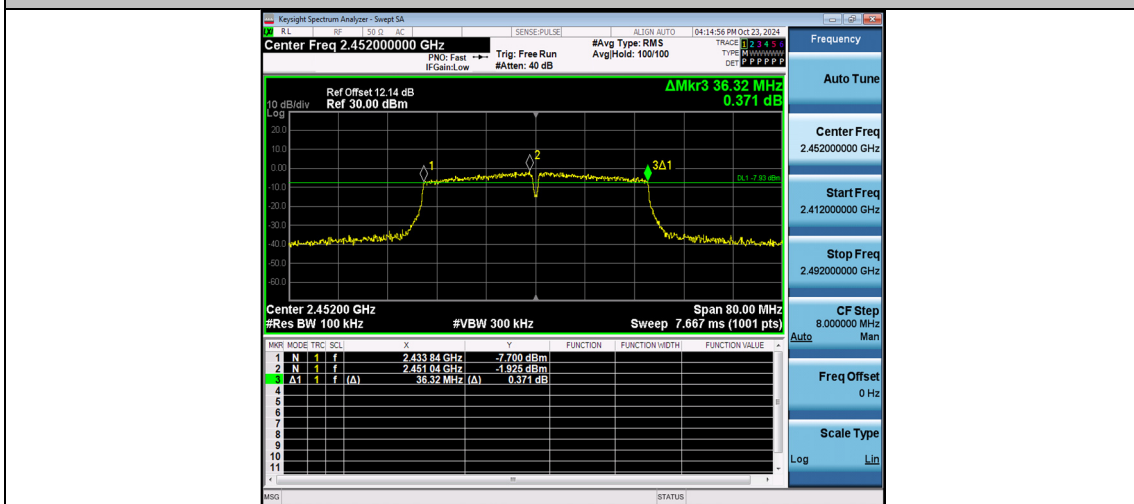
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	16.07	≤30.00	PASS
11B	Ant1	2437	16.31	≤30.00	PASS
11B	Ant1	2462	15.79	≤30.00	PASS
11G	Ant1	2412	15.00	≤30.00	PASS
11G	Ant1	2437	14.74	≤30.00	PASS
11G	Ant1	2462	14.40	≤30.00	PASS
11N20SISO	Ant1	2412	15.00	≤30.00	PASS
11N20SISO	Ant1	2437	14.64	≤30.00	PASS
11N20SISO	Ant1	2462	14.31	≤30.00	PASS
11N40SISO	Ant1	2422	14.56	≤30.00	PASS
11N40SISO	Ant1	2437	14.37	≤30.00	PASS
11N40SISO	Ant1	2452	14.14	≤30.00	PASS

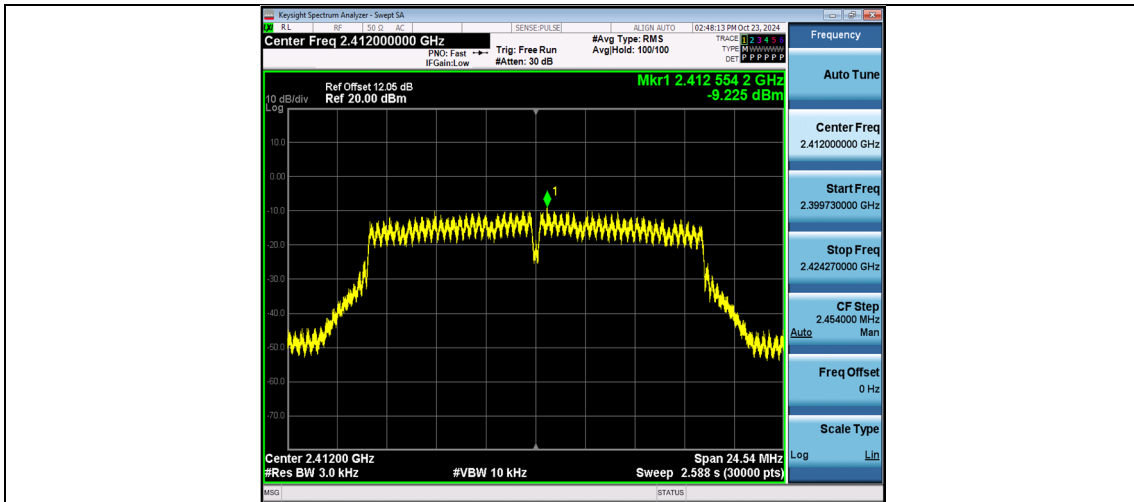
Appendix C: Maximum power spectral density

Test Result

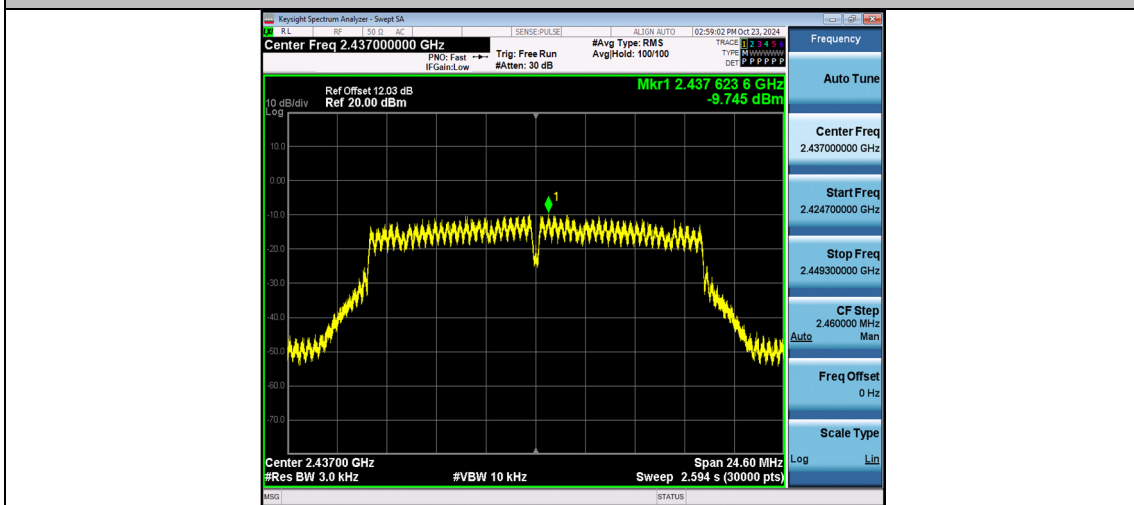
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.57	≤8.00	PASS
11B	Ant1	2437	-6.07	≤8.00	PASS
11B	Ant1	2462	-5.51	≤8.00	PASS
11G	Ant1	2412	-9.23	≤8.00	PASS
11G	Ant1	2437	-9.75	≤8.00	PASS
11G	Ant1	2462	-9.61	≤8.00	PASS
11N20SISO	Ant1	2412	-9.32	≤8.00	PASS
11N20SISO	Ant1	2437	-8.98	≤8.00	PASS
11N20SISO	Ant1	2462	-9.47	≤8.00	PASS
11N40SISO	Ant1	2422	-12.21	≤8.00	PASS
11N40SISO	Ant1	2437	-11.52	≤8.00	PASS
11N40SISO	Ant1	2452	-11.52	≤8.00	PASS

Test Graphs

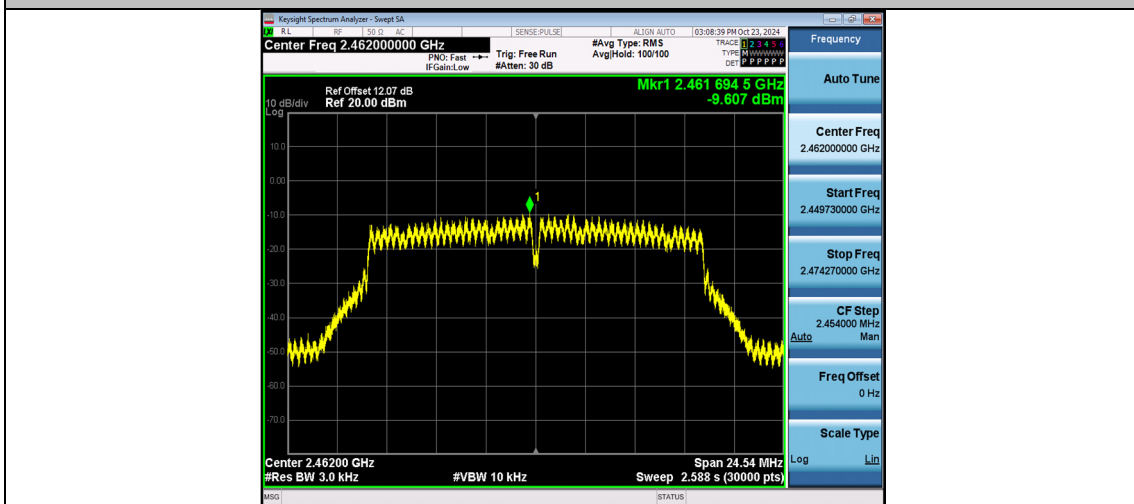




11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS

