

Appendix A: DTS Bandwidth

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.560	2408.440	2416.000	0.5	PASS
11B	Ant1	2437	7.120	2433.480	2440.600	0.5	PASS
11B	Ant1	2462	7.080	2458.480	2465.560	0.5	PASS
11G	Ant1	2412	15.320	2404.560	2419.880	0.5	PASS
11G	Ant1	2437	15.000	2429.520	2444.520	0.5	PASS
11G	Ant1	2462	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant1	2412	14.640	2404.520	2419.160	0.5	PASS
11N20SISO	Ant1	2437	15.680	2429.120	2444.800	0.5	PASS
11N20SISO	Ant1	2462	15.000	2454.520	2469.520	0.5	PASS
11N40SISO	Ant1	2422	33.200	2405.680	2438.880	0.5	PASS
11N40SISO	Ant1	2437	27.600	2423.240	2450.840	0.5	PASS
11N40SISO	Ant1	2452	30.640	2436.400	2467.040	0.5	PASS
11AX20SISO	Ant1	2412	17.440	2404.000	2421.440	0.5	PASS
11AX20SISO	Ant1	2437	16.120	2429.400	2445.520	0.5	PASS
11AX20SISO	Ant1	2462	15.320	2454.560	2469.880	0.5	PASS
11AX40SISO	Ant1	2422	36.240	2404.480	2440.720	0.5	PASS
11AX40SISO	Ant1	2437	33.680	2420.680	2454.360	0.5	PASS
11AX40SISO	Ant1	2452	26.160	2438.320	2464.480	0.5	PASS

Test Graphs

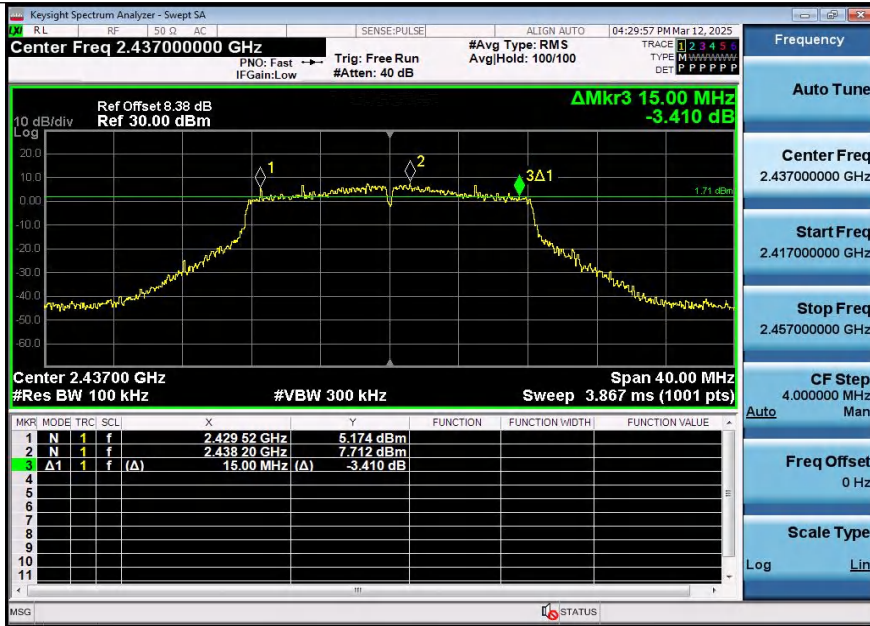




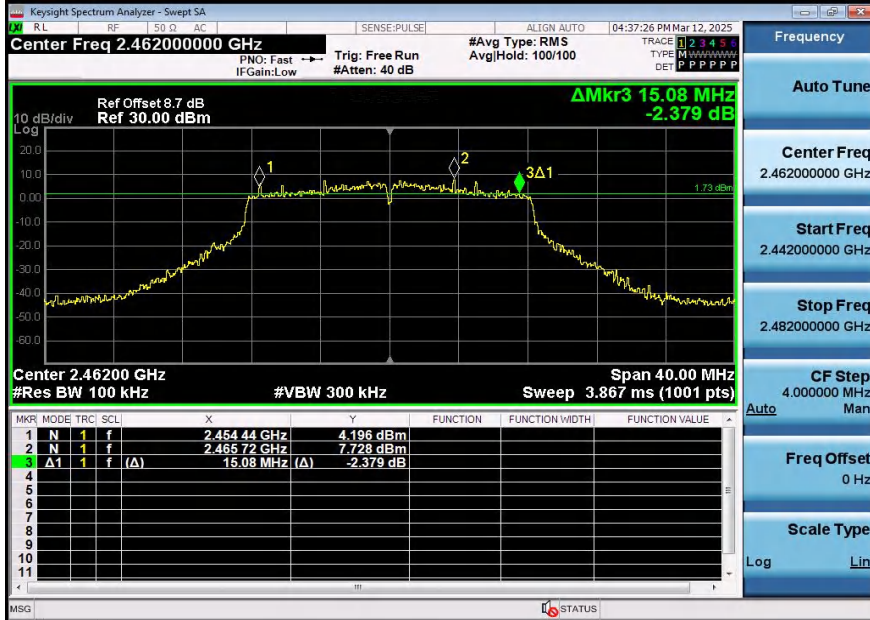
11B-Ant1-2462-PASS



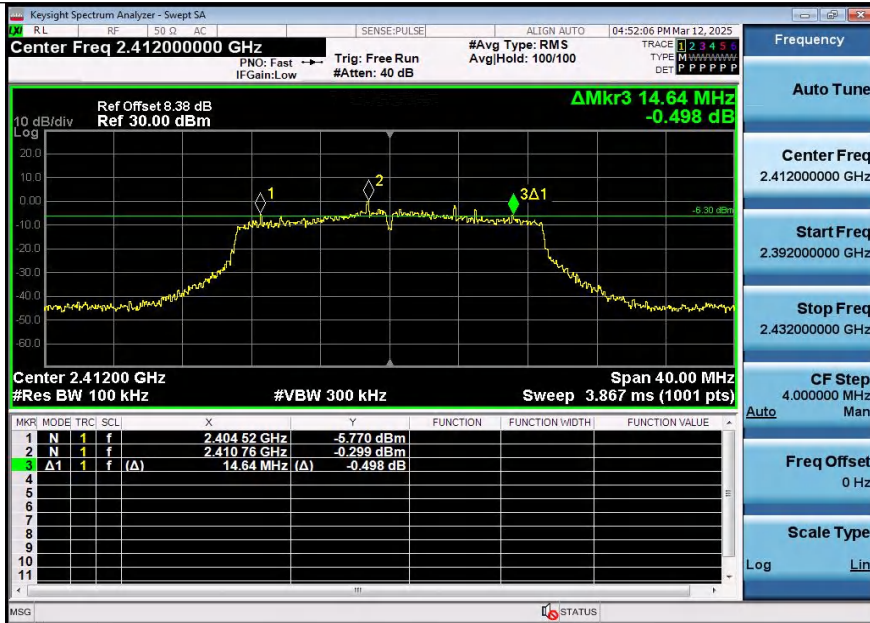
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



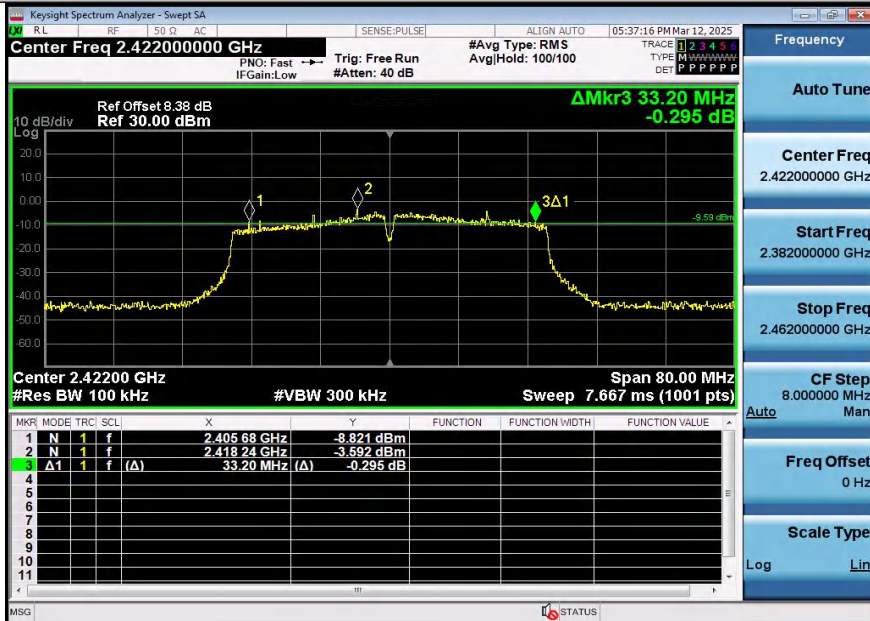
11N20SISO-Ant1-2412-PASS



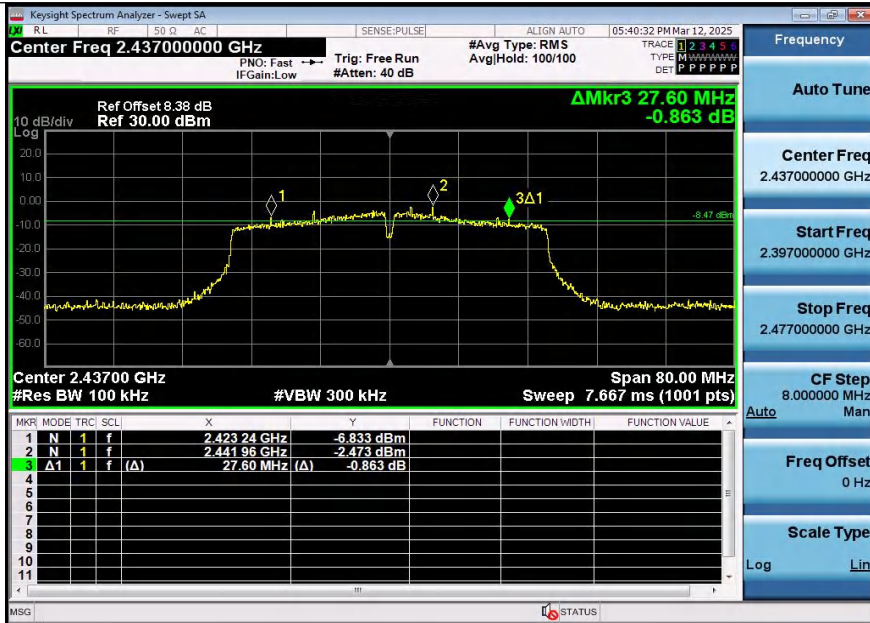
11N20SISO-Ant1-2437-PASS



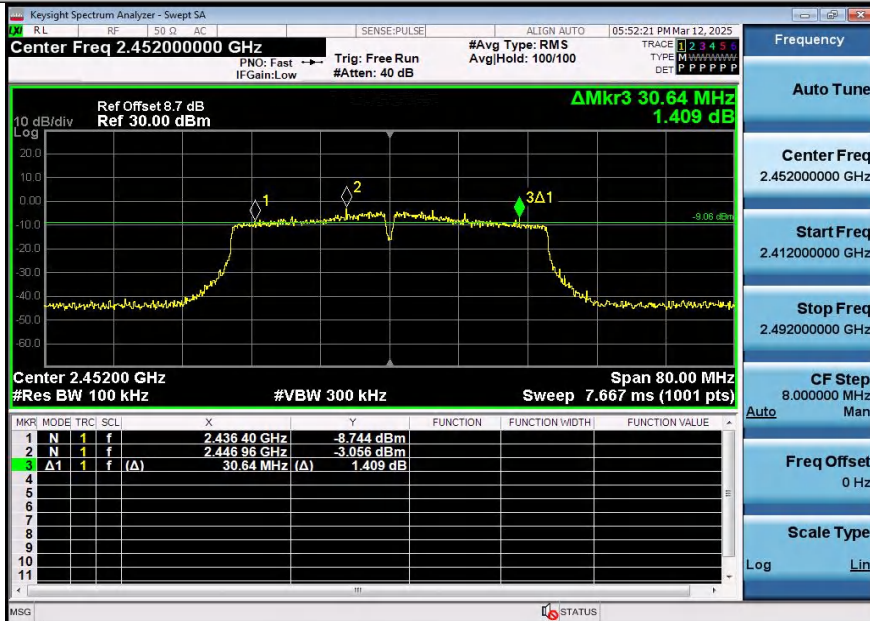
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



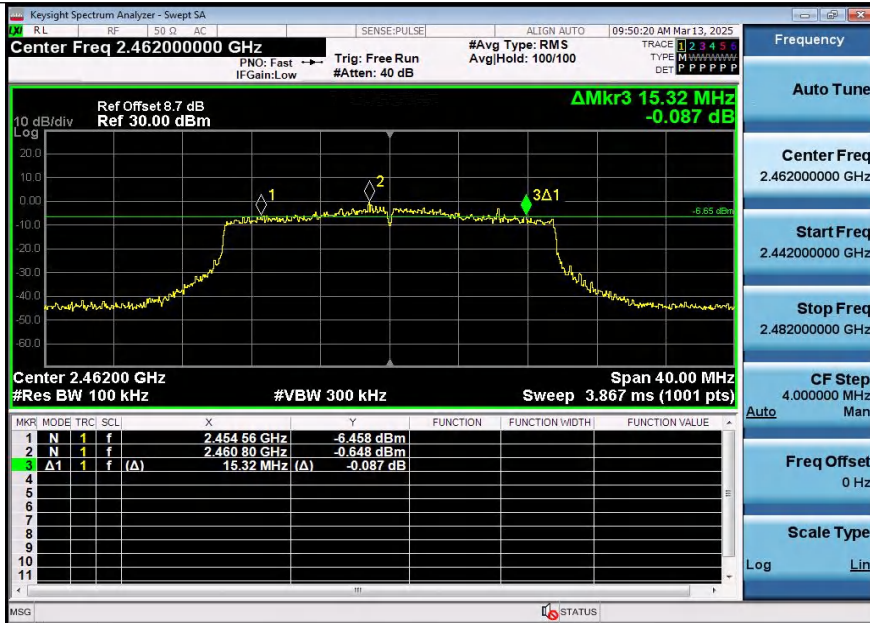
11N40SISO-Ant1-2452-PASS



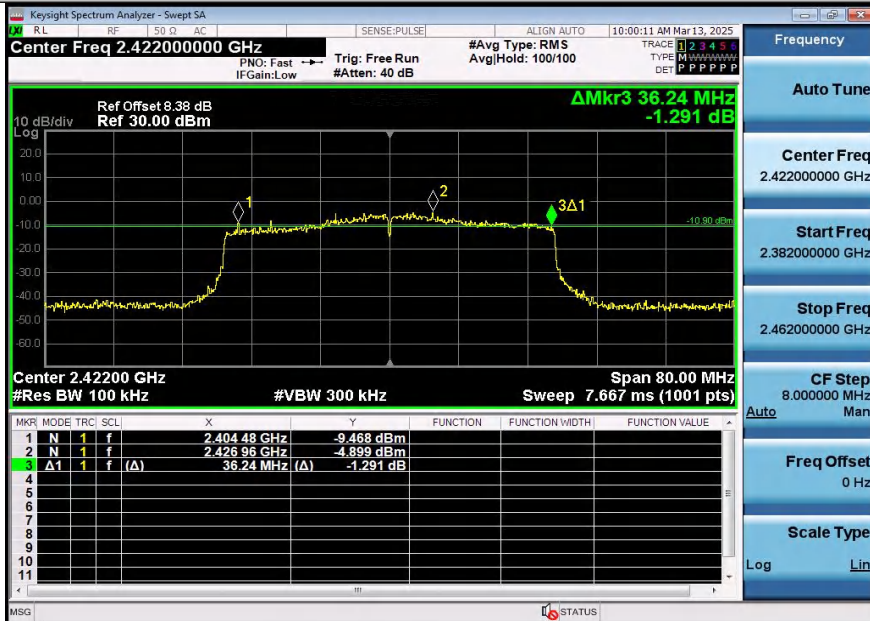
11AX20SISO-Ant1-2412-PASS



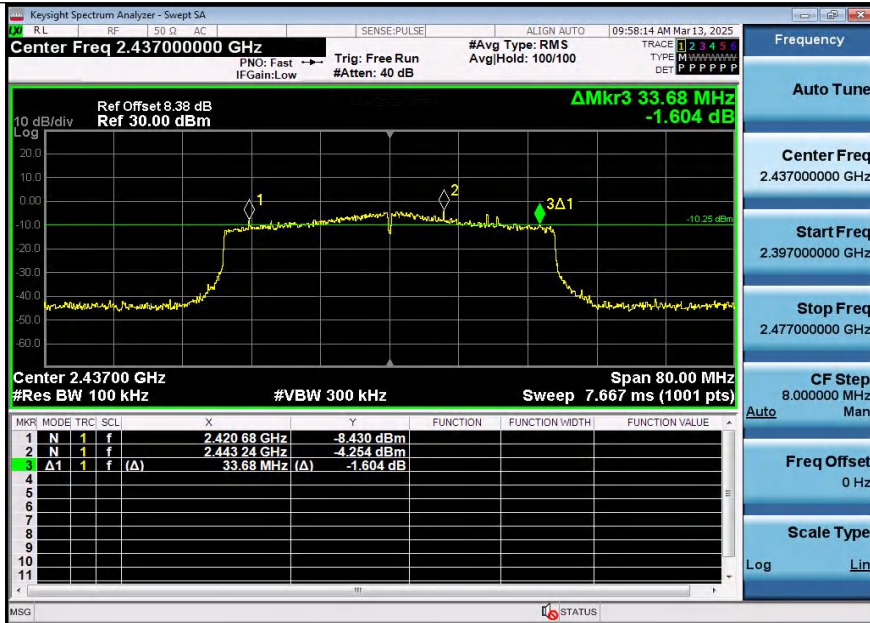
11AX20SISO-Ant1-2437-PASS



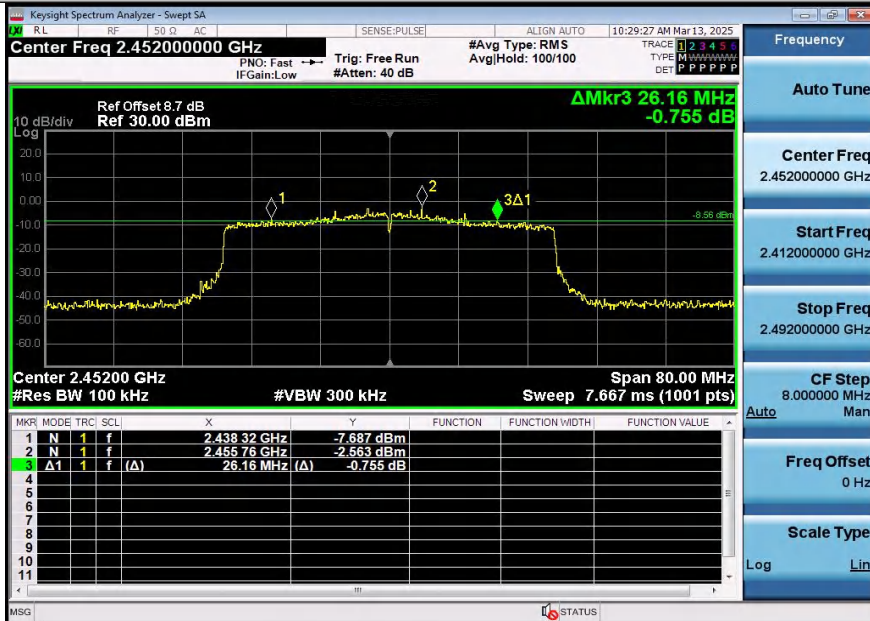
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SiSO-Ant1-2437-PASS



11AX40SiSO-Ant1-2452-PASS

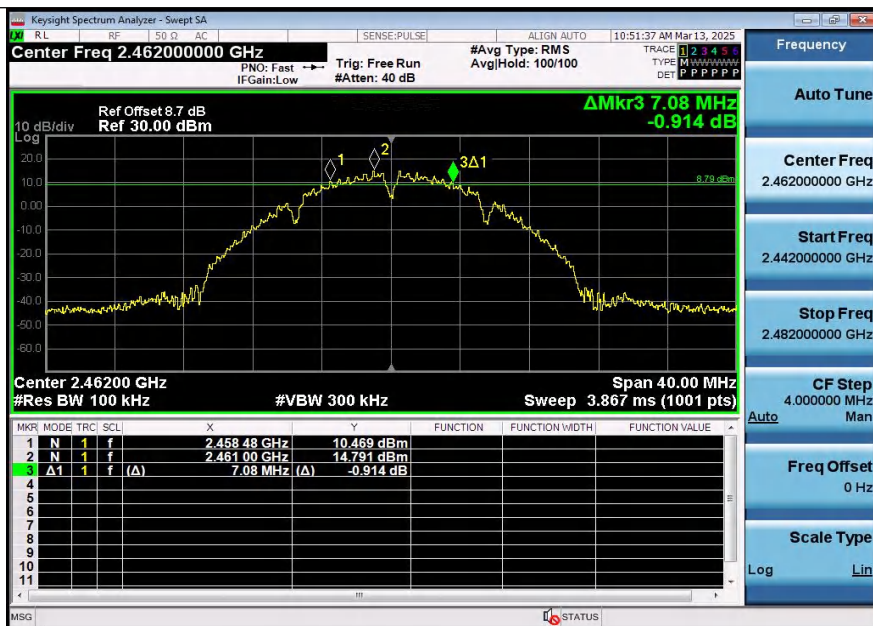
Ant 2

Test Result

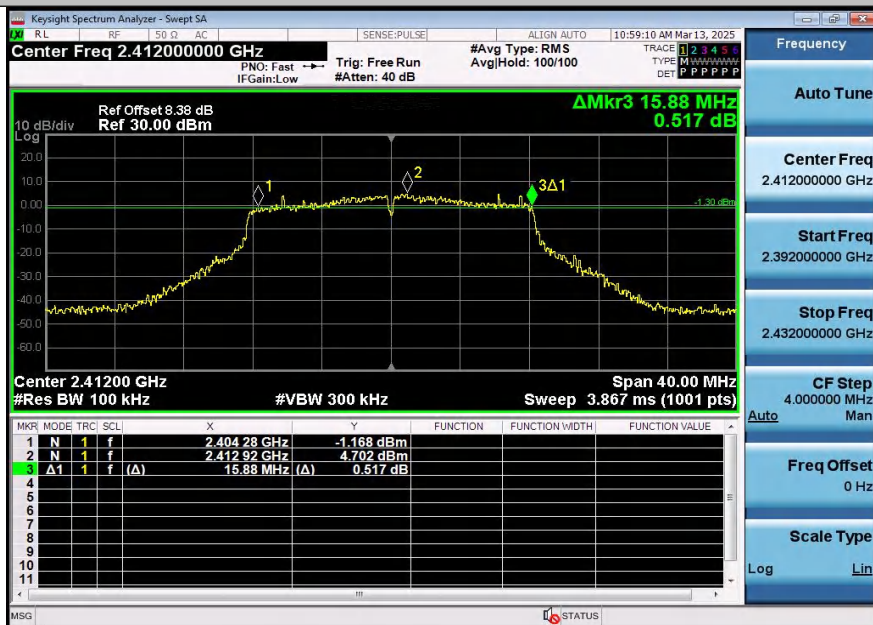
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	7.520	2408.480	2416.000	0.5	PASS
11B	Ant2	2437	8.040	2433.000	2441.040	0.5	PASS
11B	Ant2	2462	7.080	2458.480	2465.560	0.5	PASS
11G	Ant2	2412	15.880	2404.280	2420.160	0.5	PASS
11G	Ant2	2437	15.600	2429.280	2444.880	0.5	PASS
11G	Ant2	2462	12.560	2456.960	2469.520	0.5	PASS
11N20SISO	Ant2	2412	16.520	2403.880	2420.400	0.5	PASS
11N20SISO	Ant2	2437	13.440	2430.480	2443.920	0.5	PASS
11N20SISO	Ant2	2462	13.760	2455.760	2469.520	0.5	PASS
11N40SISO	Ant2	2422	33.120	2407.040	2440.160	0.5	PASS
11N40SISO	Ant2	2437	33.840	2419.480	2453.320	0.5	PASS
11N40SISO	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS
11AX20SISO	Ant2	2412	18.400	2403.000	2421.400	0.5	PASS
11AX20SISO	Ant2	2437	16.760	2428.840	2445.600	0.5	PASS
11AX20SISO	Ant2	2462	18.040	2453.240	2471.280	0.5	PASS
11AX40SISO	Ant2	2422	34.640	2405.680	2440.320	0.5	PASS
11AX40SISO	Ant2	2437	34.640	2419.880	2454.520	0.5	PASS
11AX40SISO	Ant2	2452	25.680	2438.880	2464.560	0.5	PASS

Test Graphs





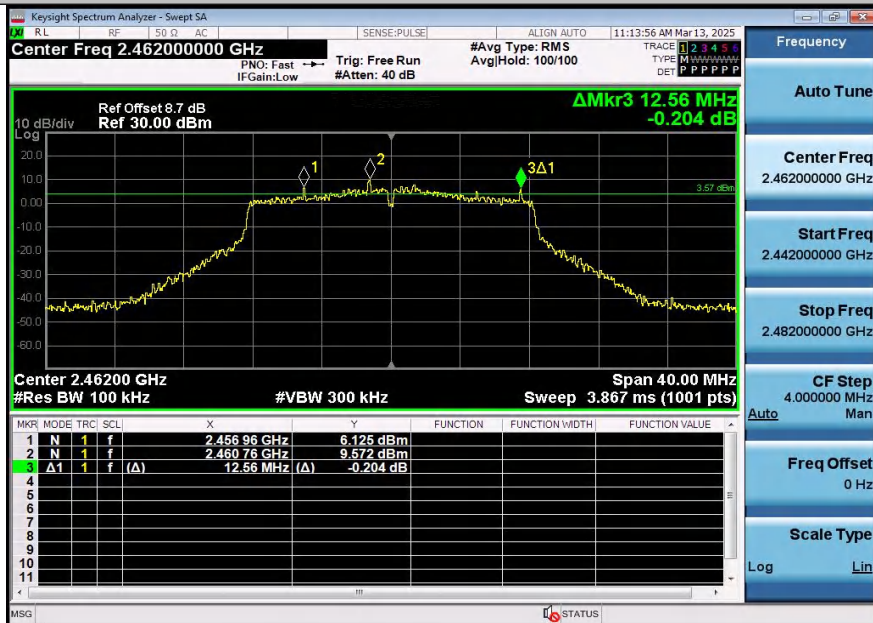
11B-Ant2-2462-PASS



11G-Ant2-2412-PASS



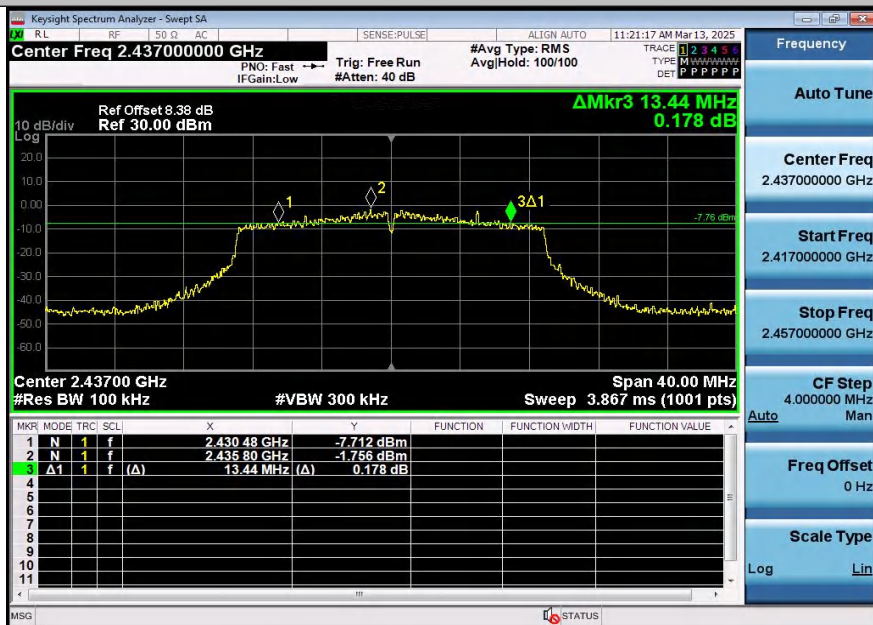
11G-Ant2-2437-PASS



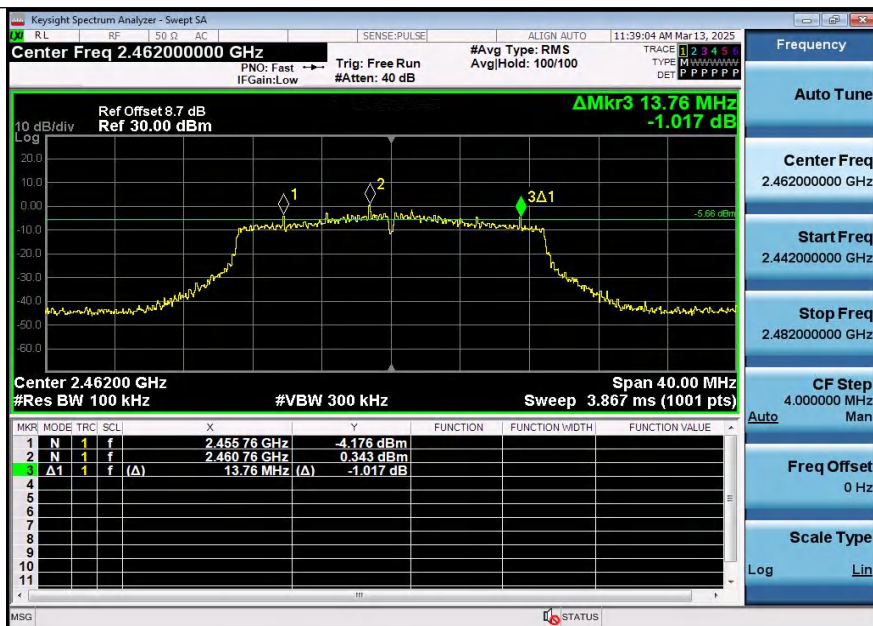
11G-Ant2-2462-PASS



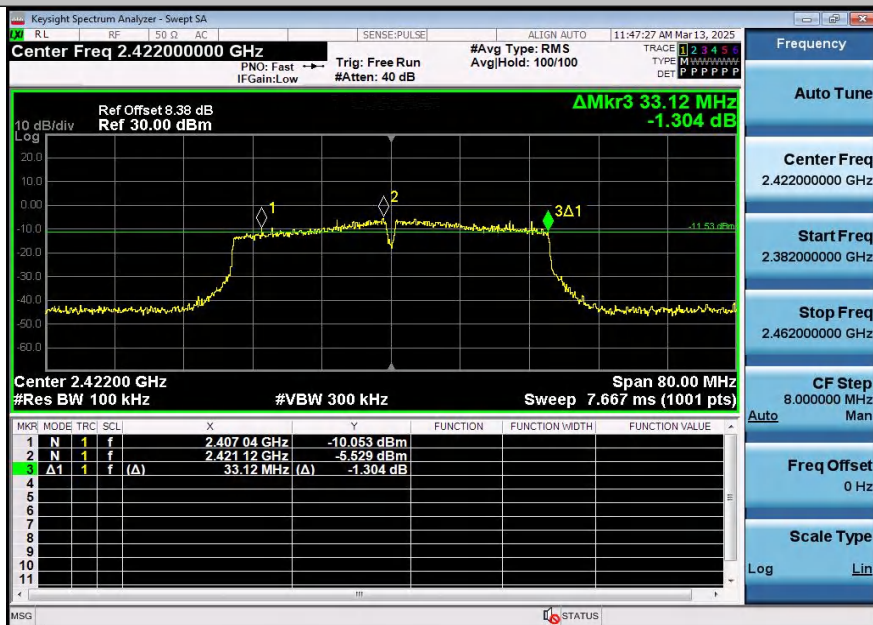
11N20SISO-Ant2-2412-PASS



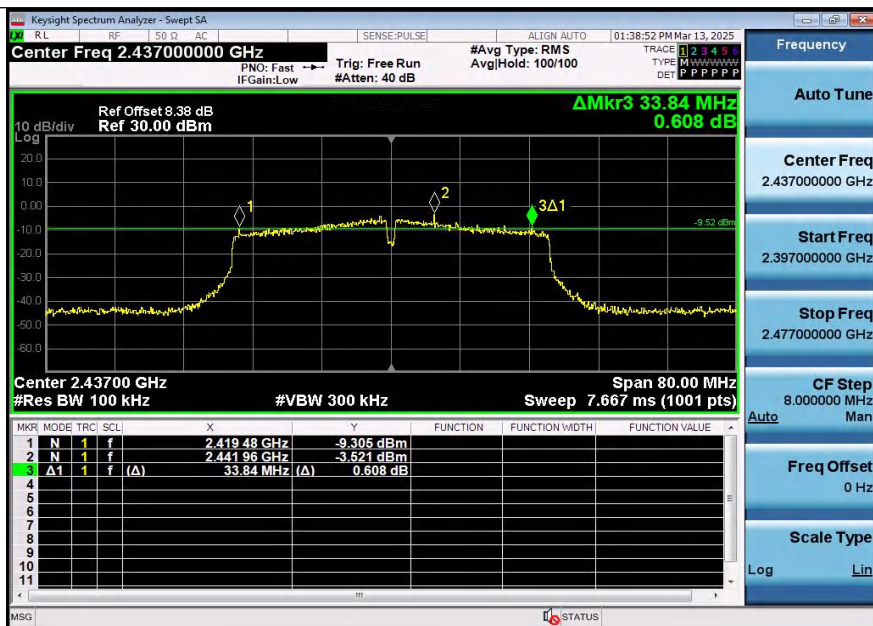
11N20SISO-Ant2-2437-PASS



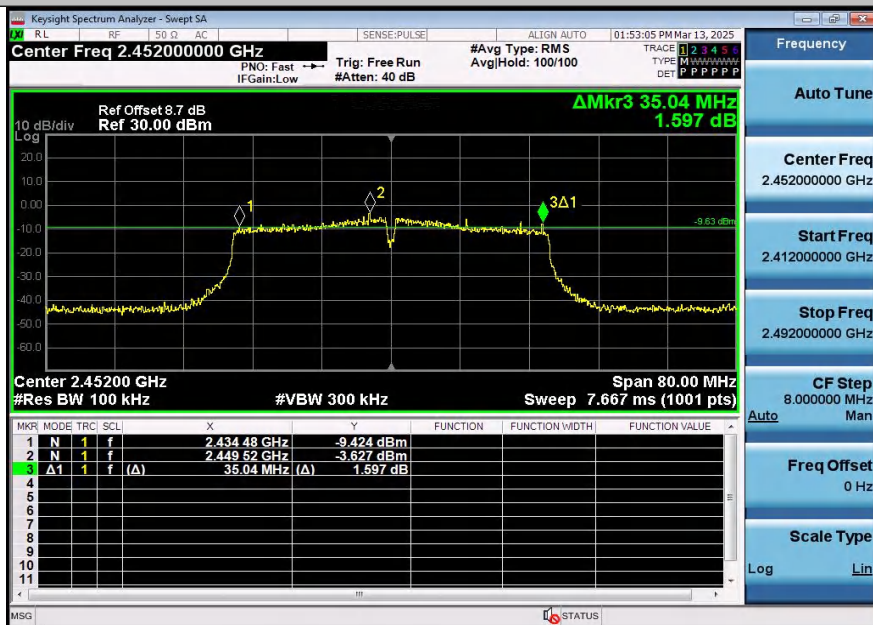
11N20SISO-Ant2-2462-PASS



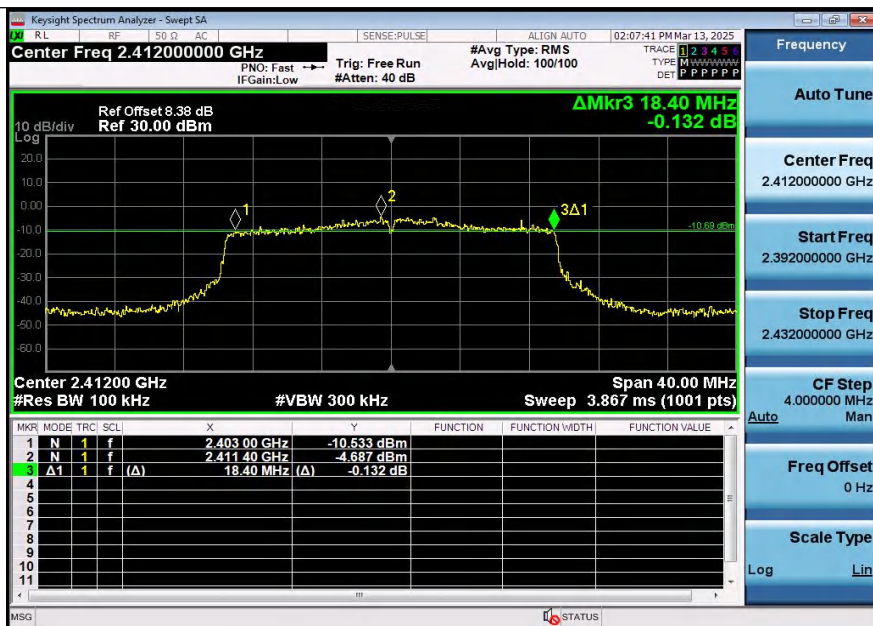
11N40SISO-Ant2-2422-PASS



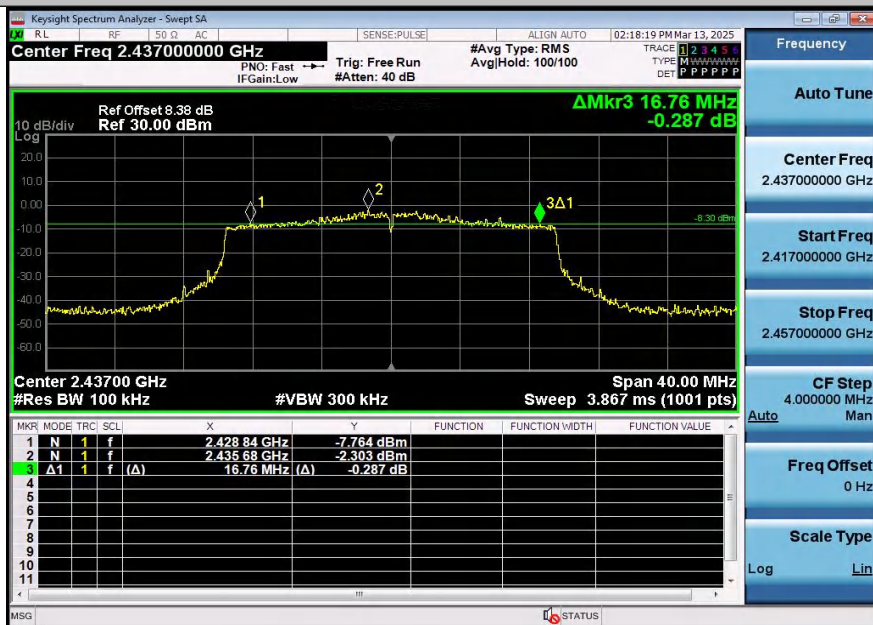
11N40SISO-Ant2-2437-PASS



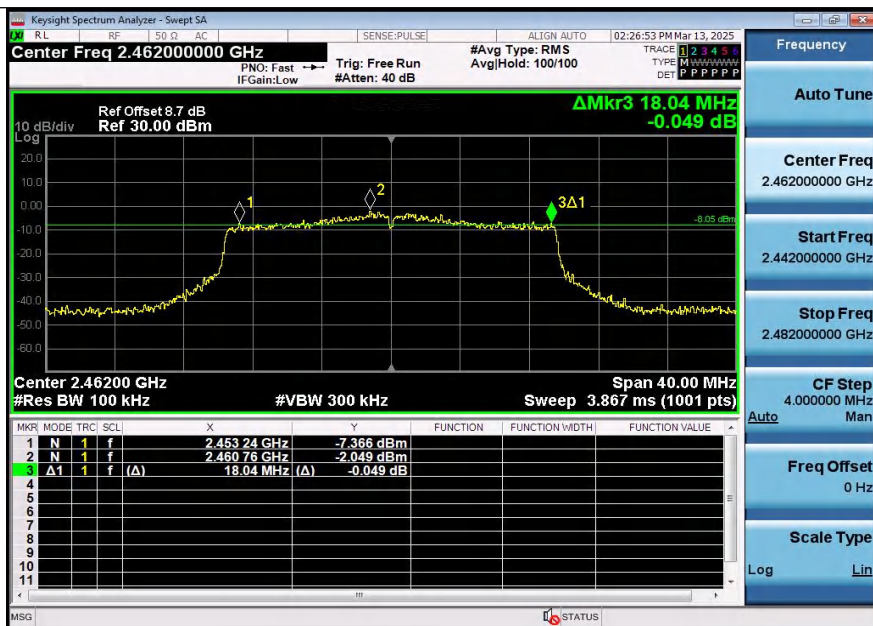
11N40SISO-Ant2-2452-PASS



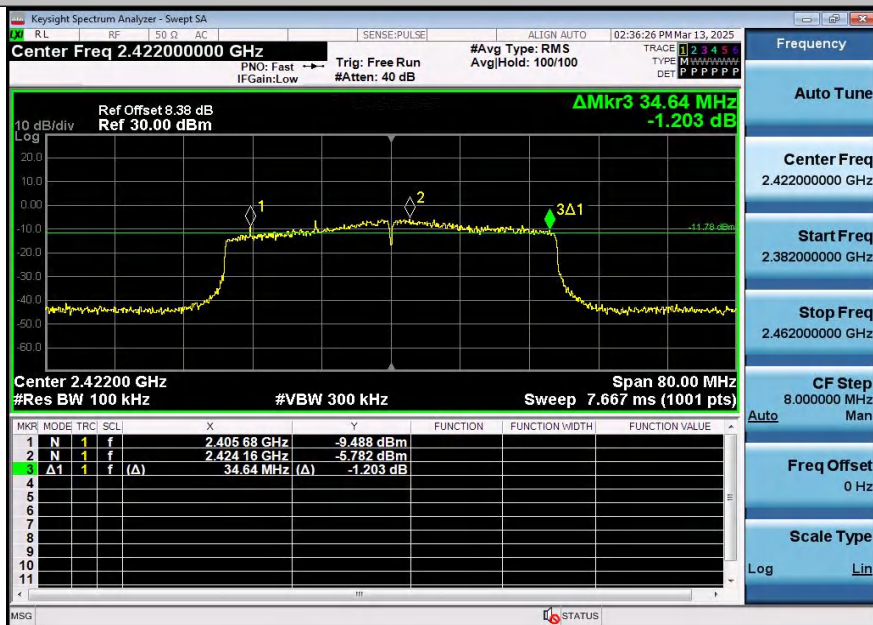
11AX20SISO-Ant2-2412-PASS



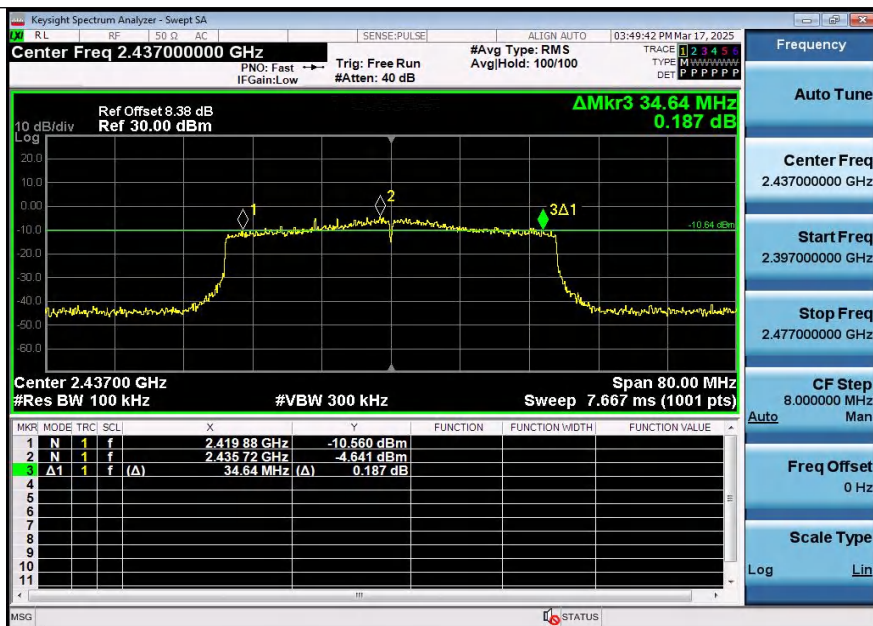
11AX20SISO-Ant2-2437-PASS



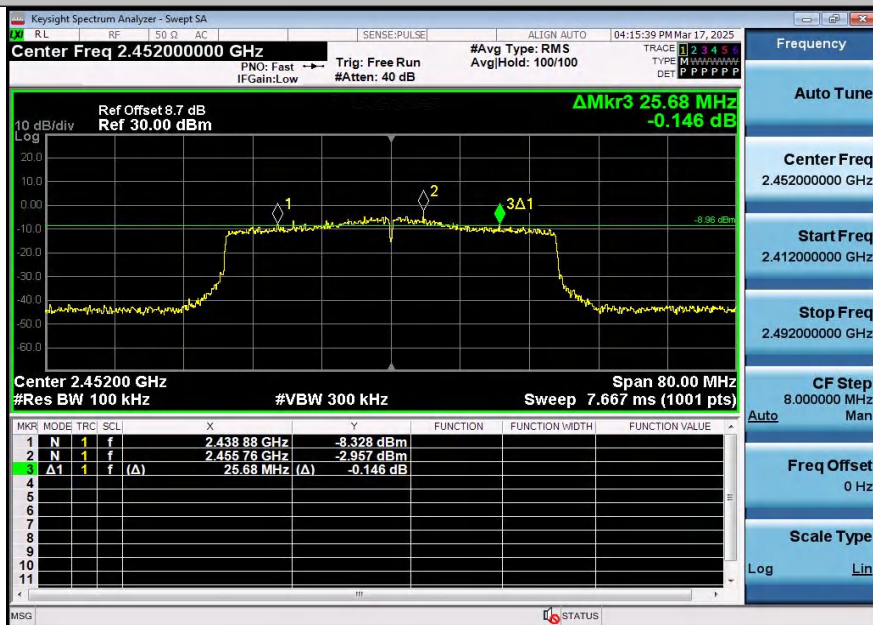
11AX20SISO-Ant2-2462-PASS



11AX40SISO-Ant2-2422-PASS



11AX40SiSO-Ant2-2437-PASS



11AX40SiSO-Ant2-2452-PASS

Appendix B: Maximum conducted output power

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	Output power PK (dBm)	Limit [dBm]	Result
11B	Ant1	2412	24.92	≤30.00	PASS
11B	Ant1	2437	25.14	≤30.00	PASS
11B	Ant1	2462	25.12	≤30.00	PASS
11G	Ant1	2412	24.64	≤30.00	PASS
11G	Ant1	2437	24.86	≤30.00	PASS
11G	Ant1	2462	24.82	≤30.00	PASS
11N20SISO	Ant1	2412	17.28	≤30.00	PASS
11N20SISO	Ant1	2437	17.86	≤30.00	PASS
11N20SISO	Ant1	2462	17.70	≤30.00	PASS
11N40SISO	Ant1	2422	17.02	≤30.00	PASS
11N40SISO	Ant1	2437	17.13	≤30.00	PASS
11N40SISO	Ant1	2452	17.38	≤30.00	PASS
11AX20SISO	Ant1	2412	16.75	≤30.00	PASS
11AX20SISO	Ant1	2437	16.84	≤30.00	PASS
11AX20SISO	Ant1	2462	16.84	≤30.00	PASS
11AX40SISO	Ant1	2422	17.19	≤30.00	PASS
11AX40SISO	Ant1	2437	17.51	≤30.00	PASS
11AX40SISO	Ant1	2452	17.10	≤30.00	PASS

Ant 2

Test Result

Test Mode	Antenna	Frequency[MHz]	Output power PK (dBm)	Limit [dBm]	Result
11B	Ant2	2412	25.00	≤30.00	PASS
11B	Ant2	2437	24.16	≤30.00	PASS
11B	Ant2	2462	24.71	≤30.00	PASS
11G	Ant2	2412	24.86	≤30.00	PASS
11G	Ant2	2437	24.71	≤30.00	PASS
11G	Ant2	2462	25.03	≤30.00	PASS
11N20SISO	Ant2	2412	16.37	≤30.00	PASS
11N20SISO	Ant2	2437	15.97	≤30.00	PASS
11N20SISO	Ant2	2462	15.80	≤30.00	PASS
11N40SISO	Ant2	2422	16.20	≤30.00	PASS
11N40SISO	Ant2	2437	16.91	≤30.00	PASS
11N40SISO	Ant2	2452	16.97	≤30.00	PASS
11AX20SISO	Ant2	2412	16.89	≤30.00	PASS
11AX20SISO	Ant2	2437	16.85	≤30.00	PASS
11AX20SISO	Ant2	2462	16.70	≤30.00	PASS
11AX40SISO	Ant2	2422	16.42	≤30.00	PASS
11AX40SISO	Ant2	2437	17.04	≤30.00	PASS
11AX40SISO	Ant2	2452	16.34	≤30.00	PASS

MIMO

Type	Channel	Output power PK(dBm) ANT1	Output power PK(dBm) ANT2	Output power PK(dBm) MIMO	Limit (dBm)	Result
802.11n HT20	01	17.28	16.37	19.86	29.00	Pass
	06	17.86	15.97	20.03		
	11	17.70	15.80	19.86		
802.11n HT40	03	17.02	16.20	19.64	29.00	Pass
	06	17.13	16.91	20.03		
	09	17.38	16.97	20.19		
802.11ax HE20	01	16.75	16.89	19.83	29.00	Pass
	06	16.84	16.85	19.86		
	11	16.84	16.70	19.78		
802.11ax HE40	03	17.19	16.42	19.83	29.00	Pass
	06	17.51	17.04	20.29		
	09	17.10	16.34	19.75		

Appendix C: Maximum power spectral density

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Result
11B	Ant1	2412	-2.10	≤8.00	PASS
11B	Ant1	2437	2.07	≤8.00	PASS
11B	Ant1	2462	1.30	≤8.00	PASS
11G	Ant1	2412	-7.66	≤8.00	PASS
11G	Ant1	2437	-4.85	≤8.00	PASS
11G	Ant1	2462	-5.77	≤8.00	PASS
11N20SISO	Ant1	2412	-13.29	≤8.00	PASS
11N20SISO	Ant1	2437	-11.54	≤8.00	PASS
11N20SISO	Ant1	2462	-10.42	≤8.00	PASS
11N40SISO	Ant1	2422	-15.14	≤8.00	PASS
11N40SISO	Ant1	2437	-13.83	≤8.00	PASS
11N40SISO	Ant1	2452	-14.90	≤8.00	PASS
11AX20SISO	Ant1	2412	-15.69	≤8.00	PASS
11AX20SISO	Ant1	2437	-12.19	≤8.00	PASS
11AX20SISO	Ant1	2462	-13.36	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.02	≤8.00	PASS
11AX40SISO	Ant1	2437	-15.07	≤8.00	PASS
11AX40SISO	Ant1	2452	-15.70	≤8.00	PASS

Test Graphs

