

Appendix A: DTS Bandwidth

Ant 1

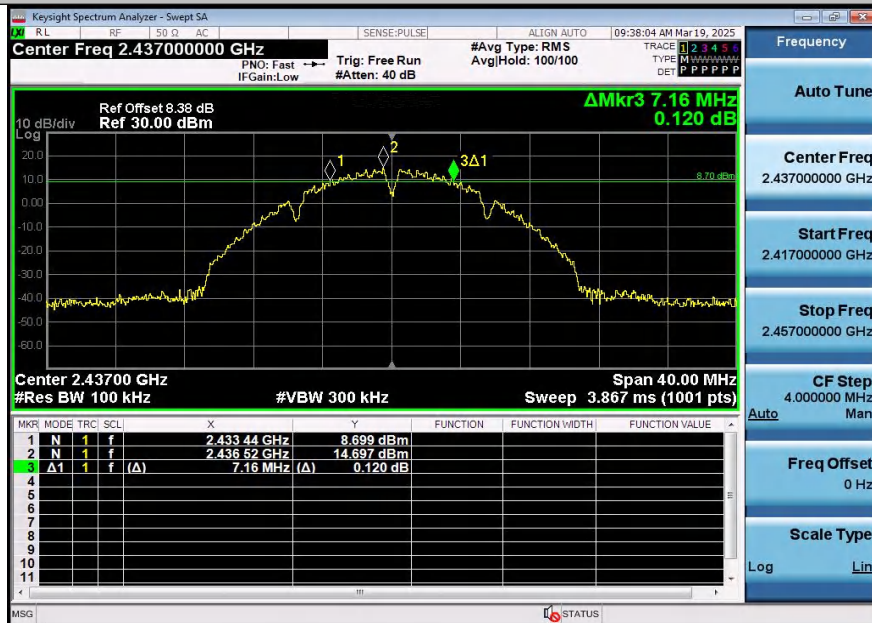
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2408.000	2416.040	0.5	PASS
11B	Ant1	2437	7.160	2433.440	2440.600	0.5	PASS
11B	Ant1	2462	7.960	2458.040	2466.000	0.5	PASS
11G	Ant1	2412	15.440	2404.480	2419.920	0.5	PASS
11G	Ant1	2437	15.120	2429.440	2444.560	0.5	PASS
11G	Ant1	2462	12.440	2454.560	2467.000	0.5	PASS
11N20SISO	Ant1	2412	11.920	2406.960	2418.880	0.5	PASS
11N20SISO	Ant1	2437	10.280	2430.760	2441.040	0.5	PASS
11N20SISO	Ant1	2462	13.760	2455.400	2469.160	0.5	PASS
11N40SISO	Ant1	2422	34.000	2404.480	2438.480	0.5	PASS
11N40SISO	Ant1	2437	35.280	2419.480	2454.760	0.5	PASS
11N40SISO	Ant1	2452	30.320	2436.960	2467.280	0.5	PASS
11AX20SISO	Ant1	2412	17.720	2403.240	2420.960	0.5	PASS
11AX20SISO	Ant1	2437	16.560	2428.960	2445.520	0.5	PASS
11AX20SISO	Ant1	2462	15.000	2454.320	2469.320	0.5	PASS
11AX40SISO	Ant1	2422	33.040	2405.760	2438.800	0.5	PASS
11AX40SISO	Ant1	2437	33.040	2421.480	2454.520	0.5	PASS
11AX40SISO	Ant1	2452	35.760	2433.840	2469.600	0.5	PASS

Test Graphs



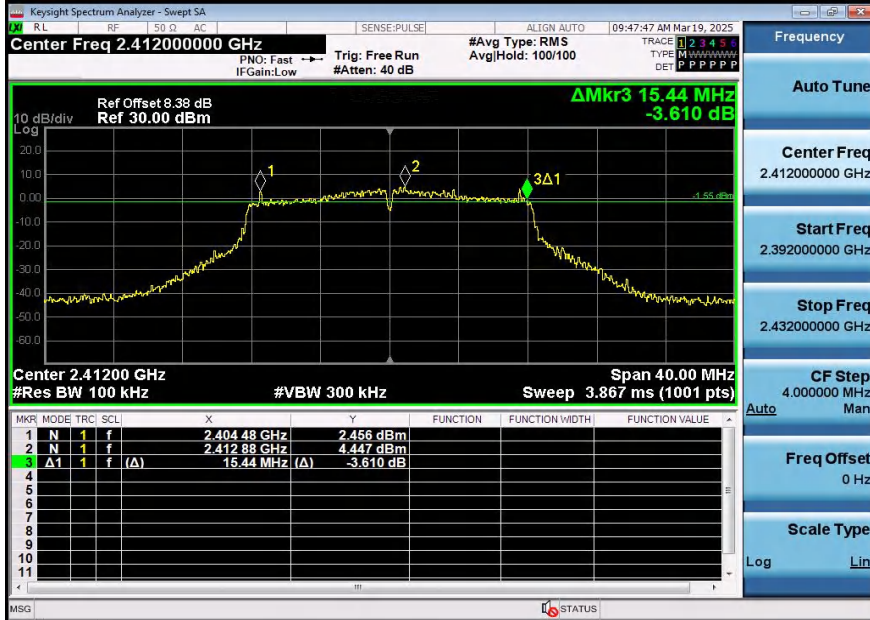
11B-Ant1-2412-PASS



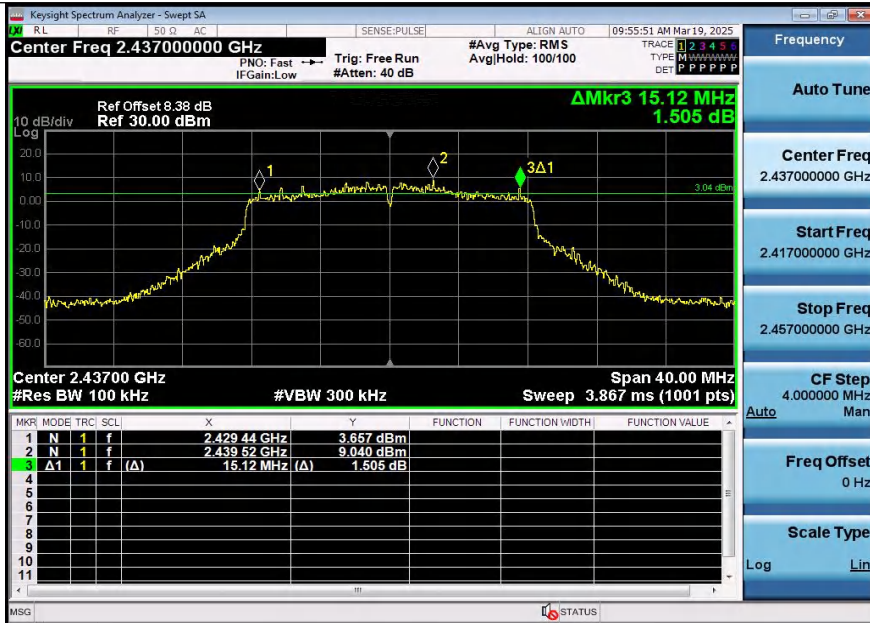
11B-Ant1-2437-PASS



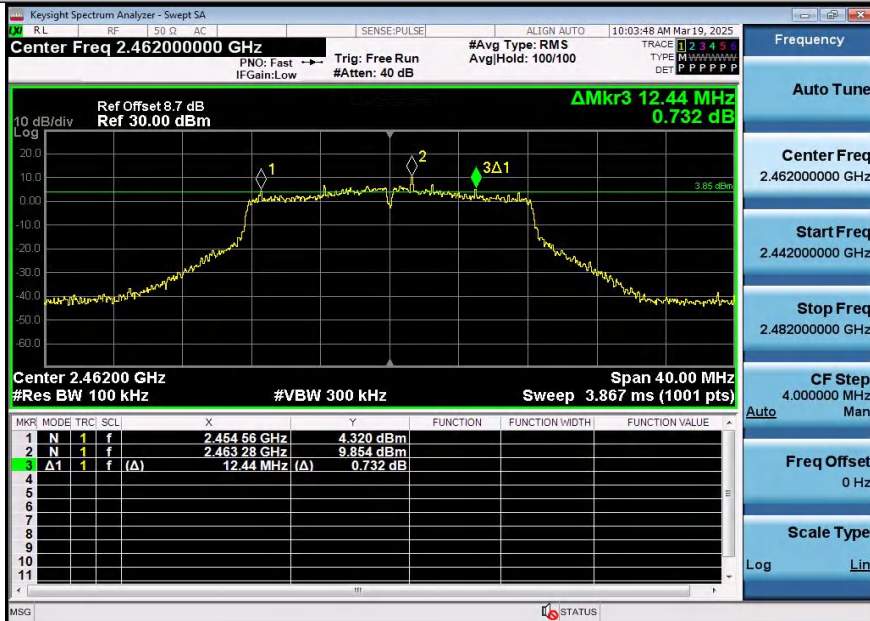
11B-Ant1-2462-PASS



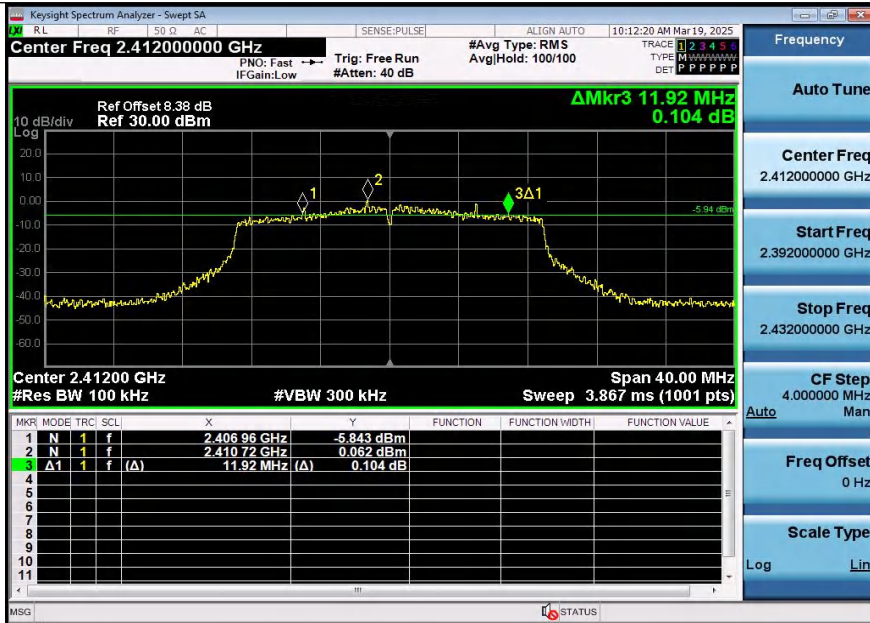
11G-Ant1-2412-PASS



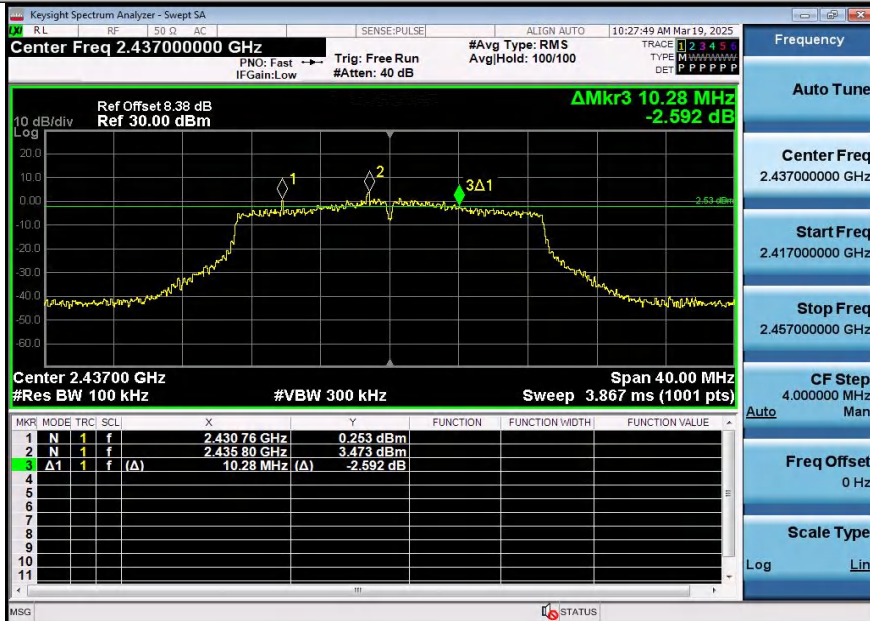
11G-Ant1-2437-PASS



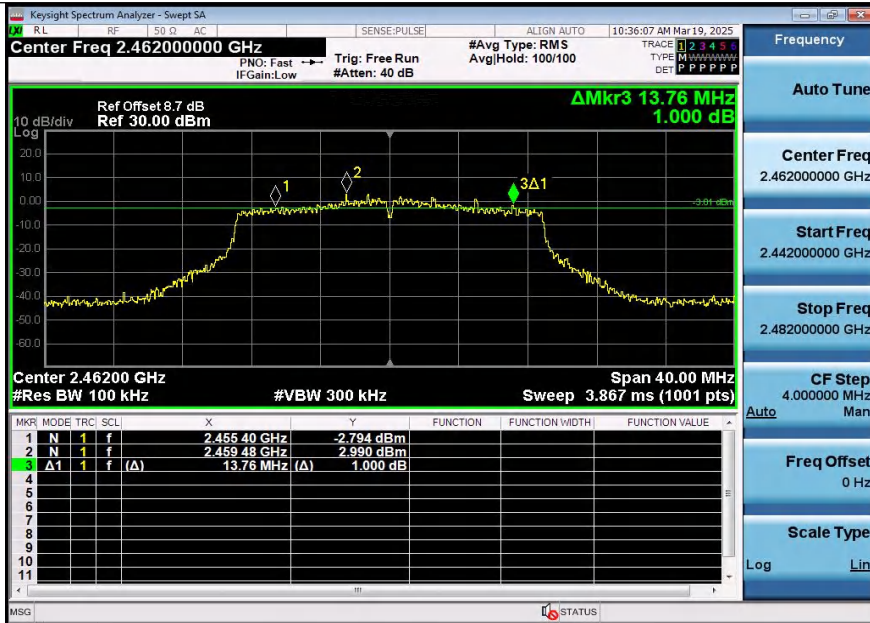
11G-Ant1-2462-PASS



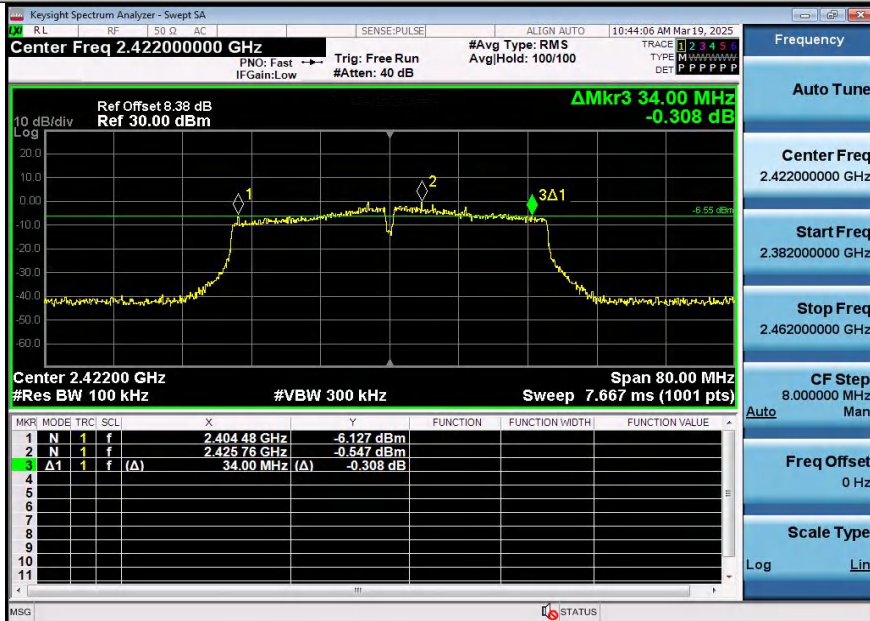
11N20SISO-Ant1-2412-PASS



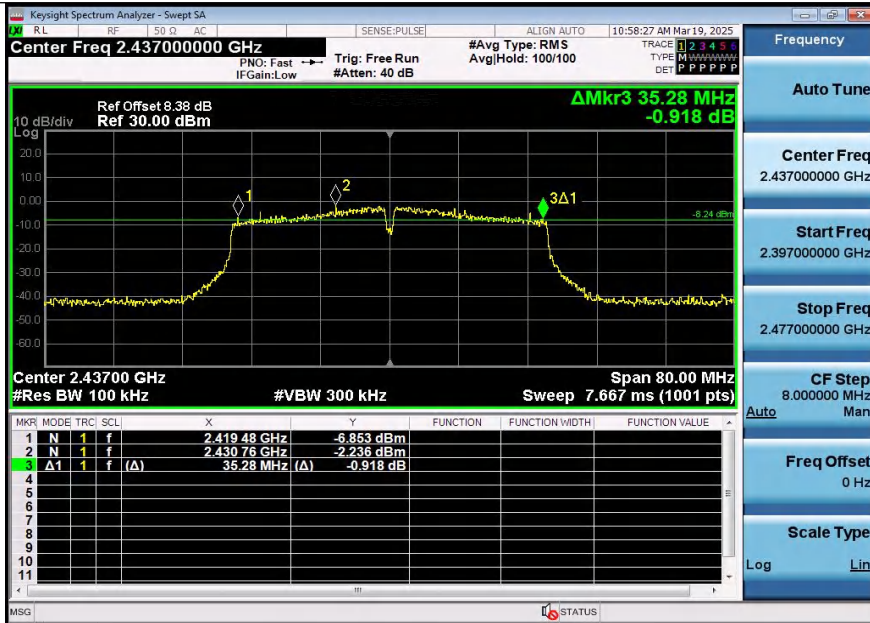
11N20SISO-Ant1-2437-PASS



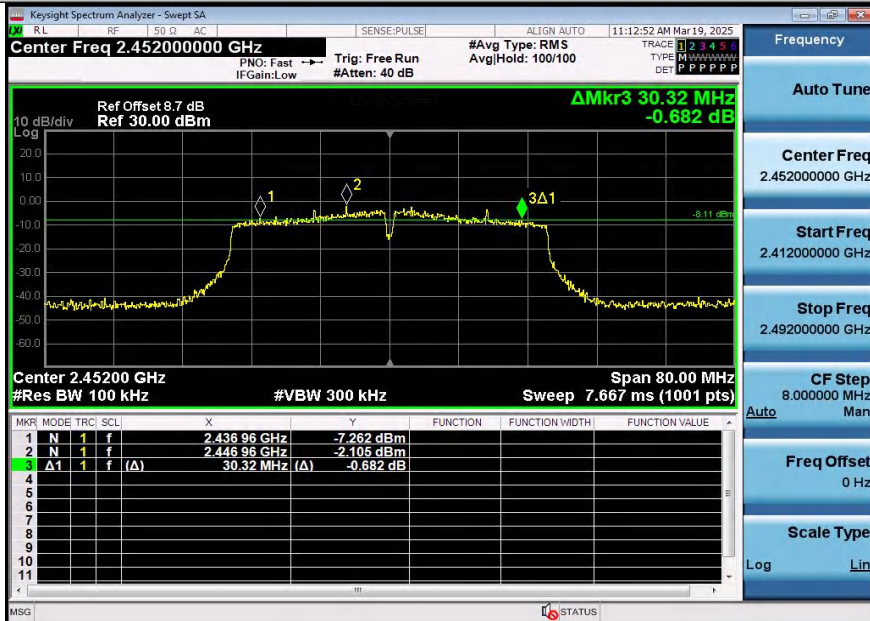
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



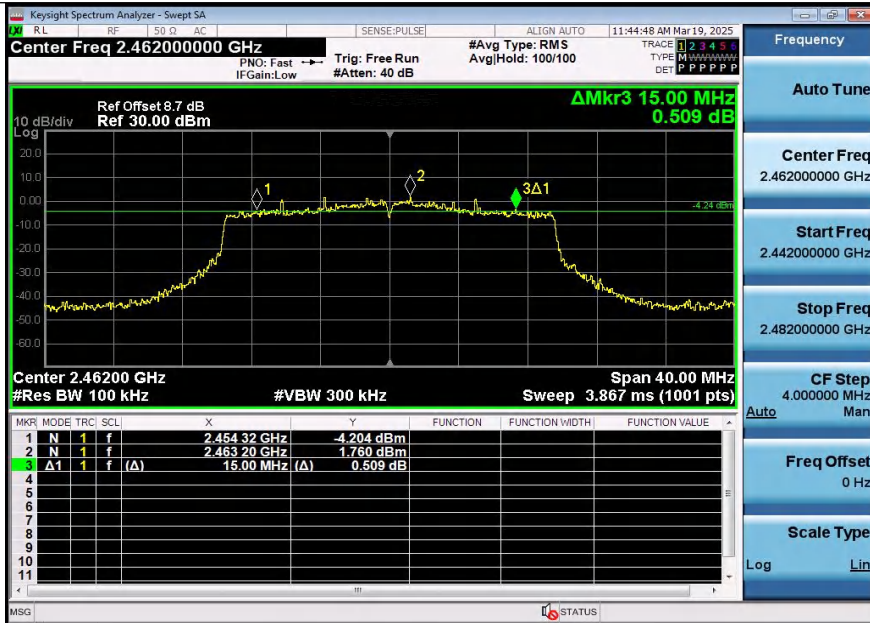
11N40SISO-Ant1-2452-PASS



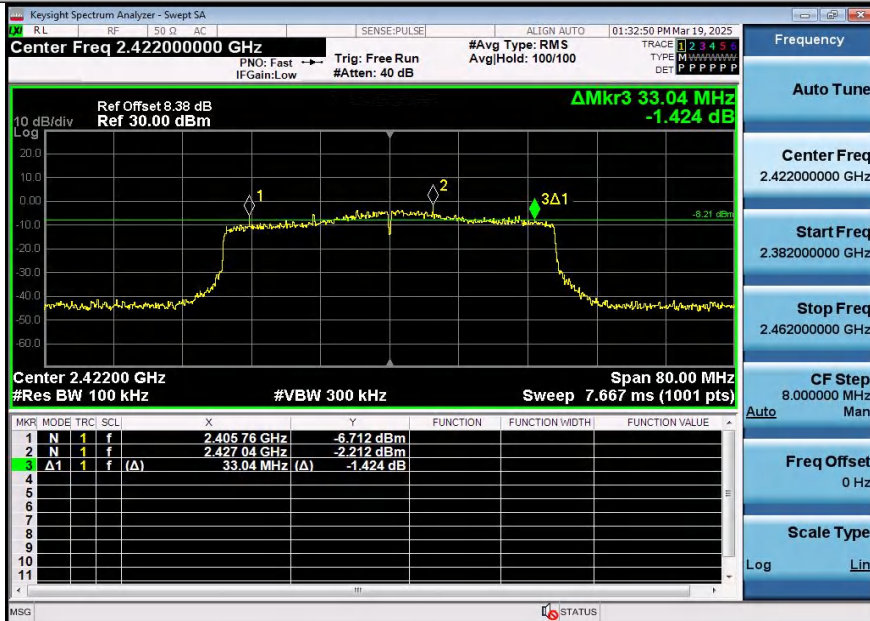
11AX20SISO-Ant1-2412-PASS



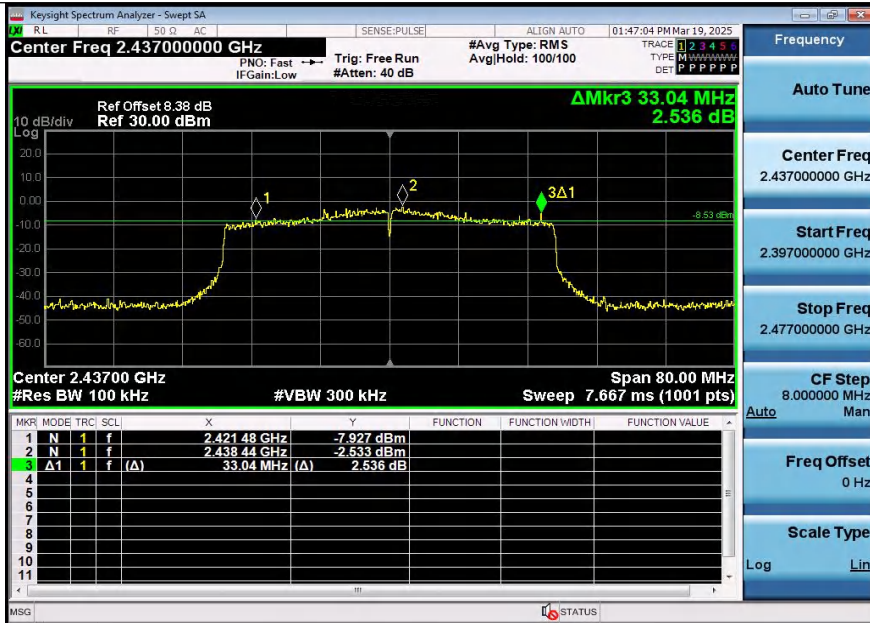
11AX20SISO-Ant1-2437-PASS



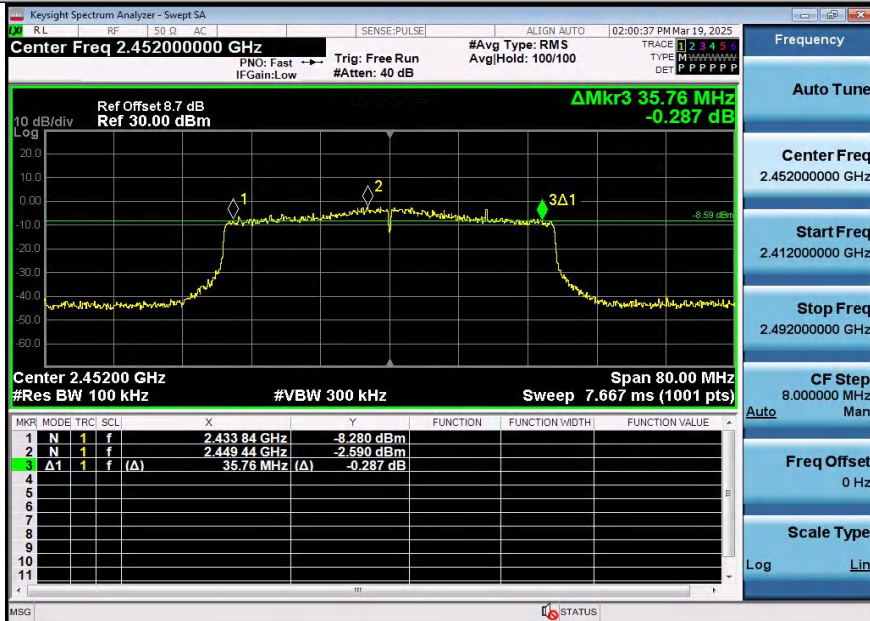
11AX20SiSO-Ant1-2462-PASS



11AX40SiSO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



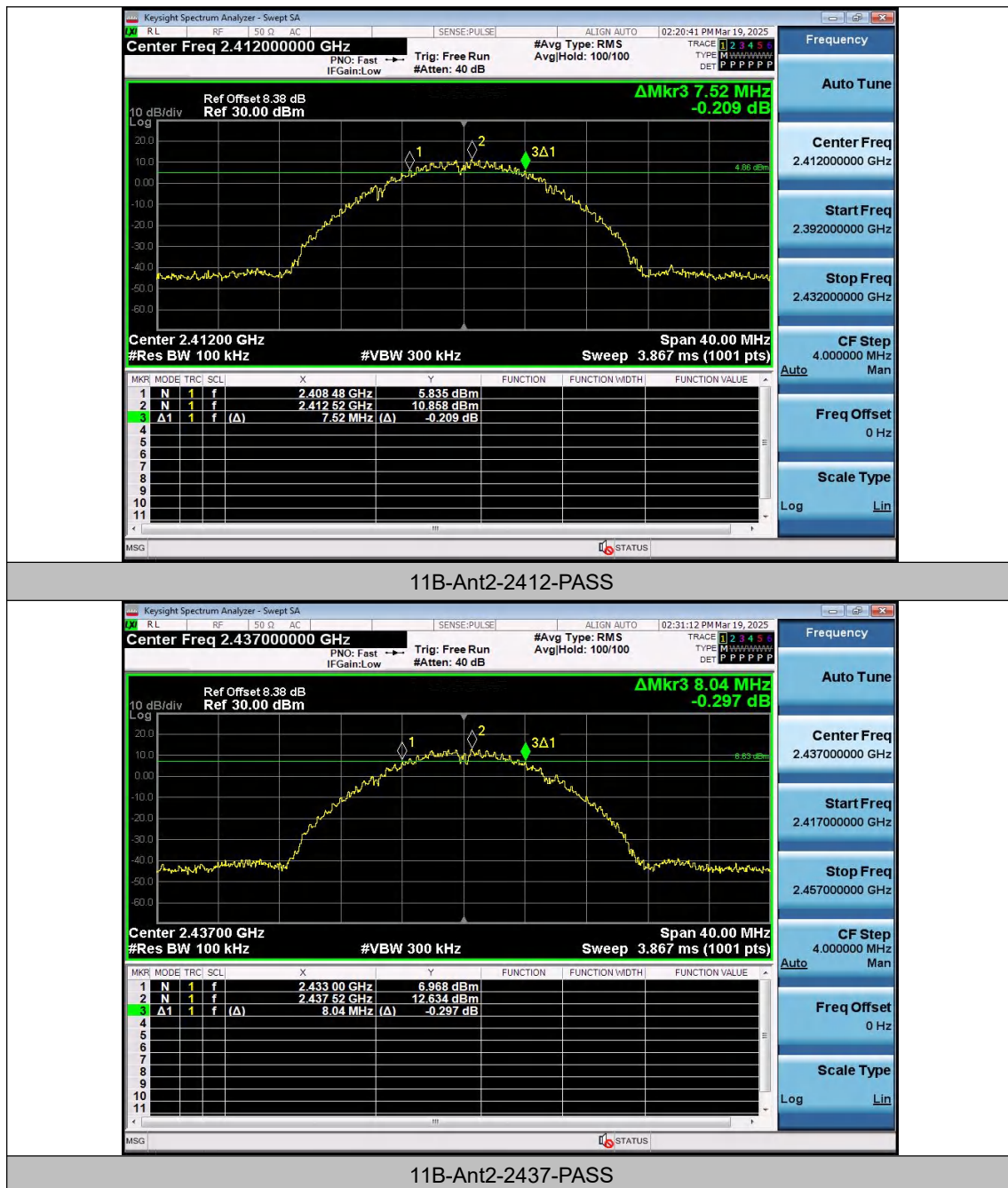
11AX40SISO-Ant1-2452-PASS

Ant 2

Test Result

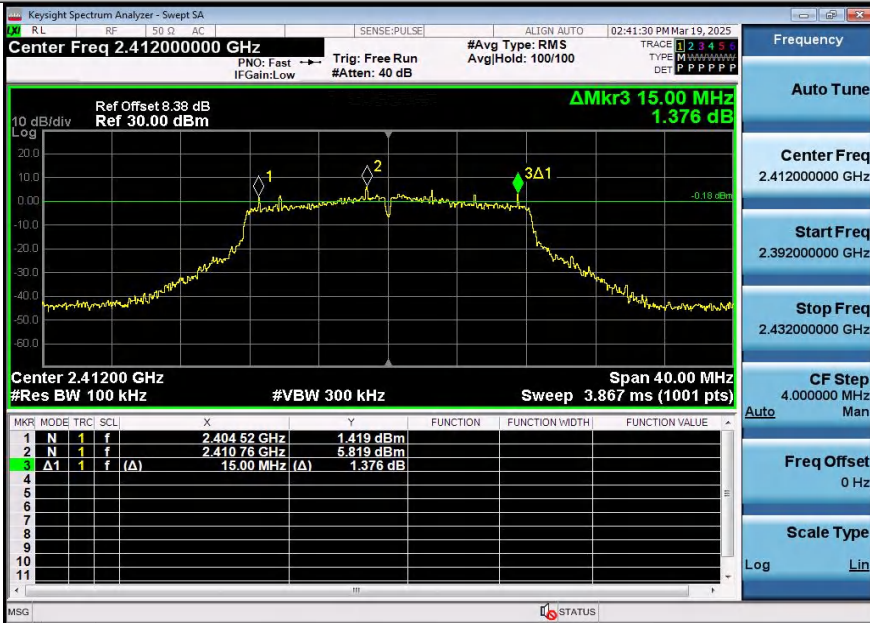
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	7.520	2408.480	2416.000	0.5	PASS
11B	Ant2	2437	8.040	2433.000	2441.040	0.5	PASS
11B	Ant2	2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant2	2412	15.000	2404.520	2419.520	0.5	PASS
11G	Ant2	2437	15.120	2429.440	2444.560	0.5	PASS
11G	Ant2	2462	13.560	2455.360	2468.920	0.5	PASS
11N20SISO	Ant2	2412	11.960	2407.600	2419.560	0.5	PASS
11N20SISO	Ant2	2437	14.680	2429.440	2444.120	0.5	PASS
11N20SISO	Ant2	2462	16.960	2453.480	2470.440	0.5	PASS
11N40SISO	Ant2	2422	35.040	2404.480	2439.520	0.5	PASS
11N40SISO	Ant2	2437	33.760	2420.760	2454.520	0.5	PASS
11N40SISO	Ant2	2452	28.800	2436.960	2465.760	0.5	PASS
11AX20SISO	Ant2	2412	17.840	2403.640	2421.480	0.5	PASS
11AX20SISO	Ant2	2437	17.640	2428.240	2445.880	0.5	PASS
11AX20SISO	Ant2	2462	17.240	2452.960	2470.200	0.5	PASS
11AX40SISO	Ant2	2422	34.720	2405.760	2440.480	0.5	PASS
11AX40SISO	Ant2	2437	35.360	2419.480	2454.840	0.5	PASS
11AX40SISO	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

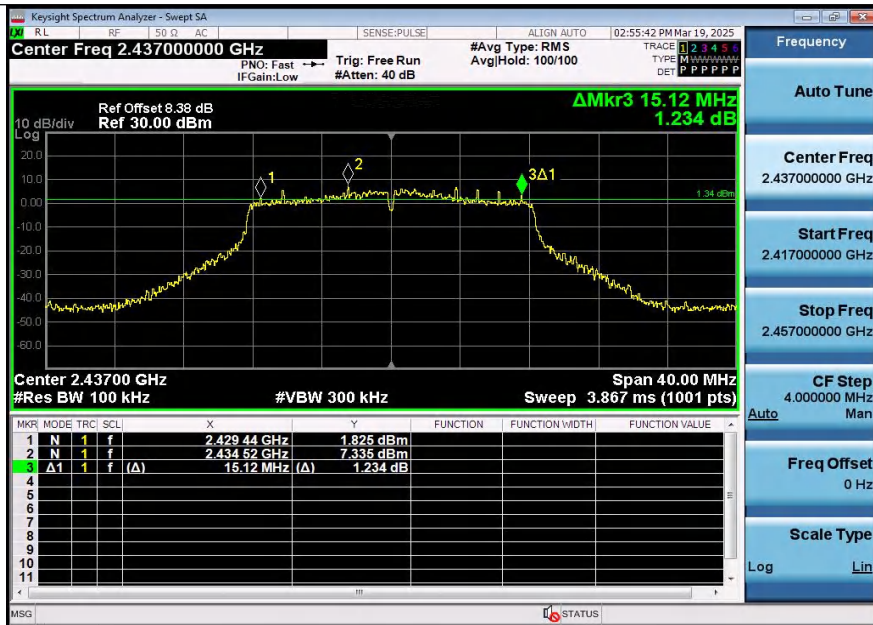




11B-Ant2-2462-PASS



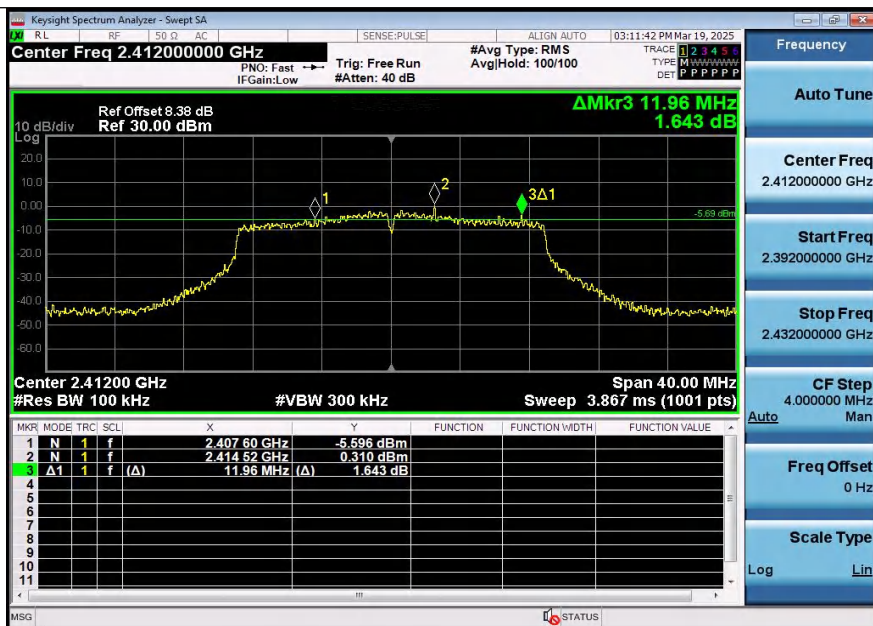
11G-Ant2-2412-PASS



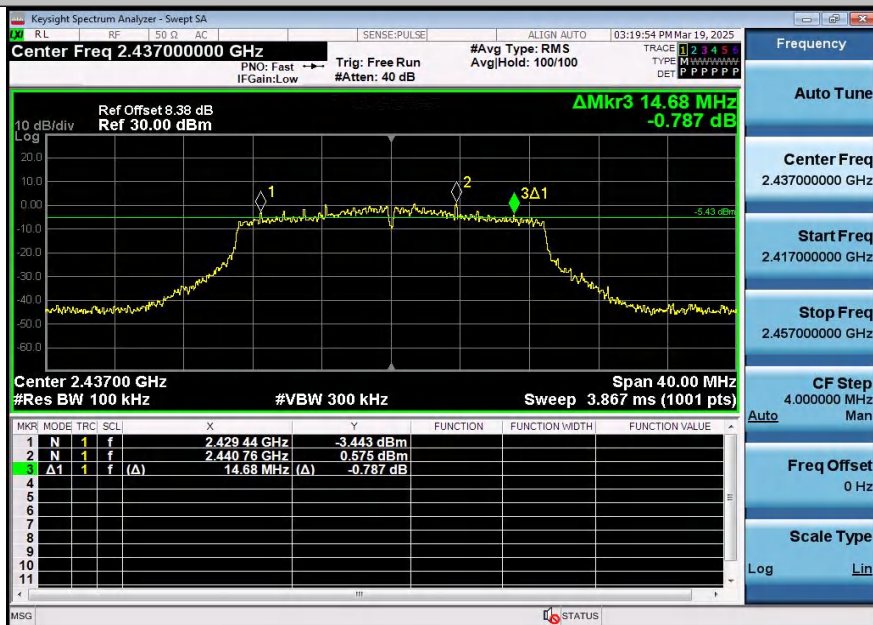
11G-Ant2-2437-PASS



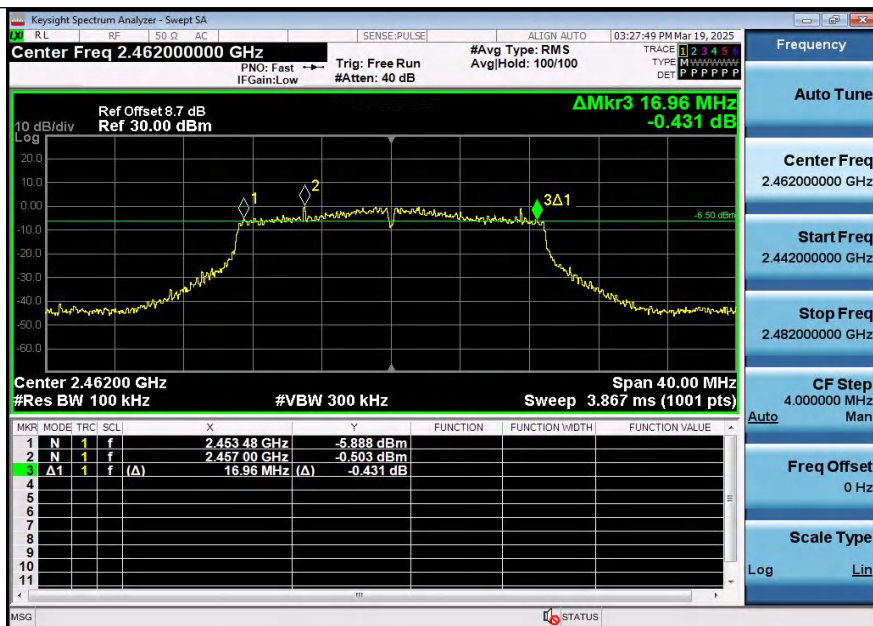
11G-Ant2-2462-PASS



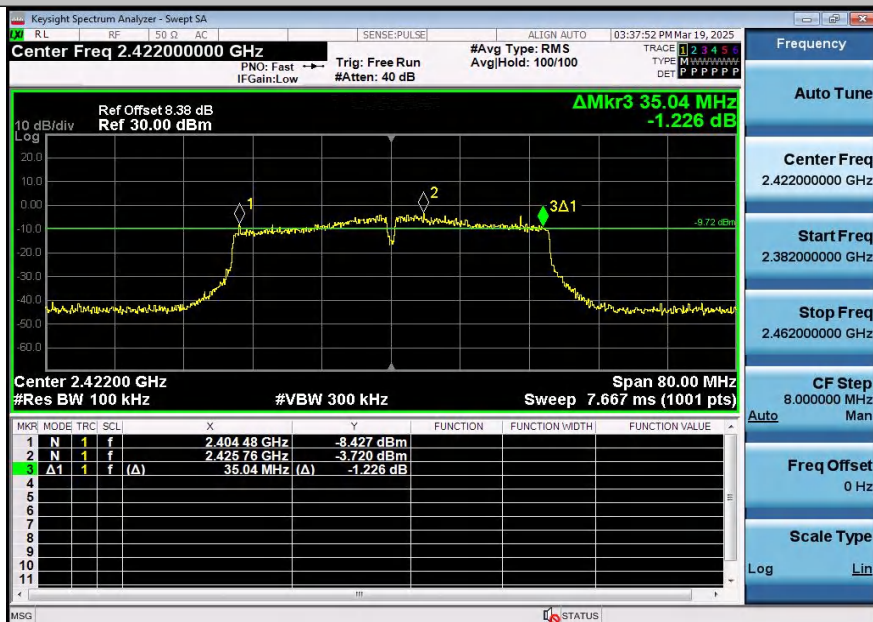
11N20SISO-Ant2-2412-PASS



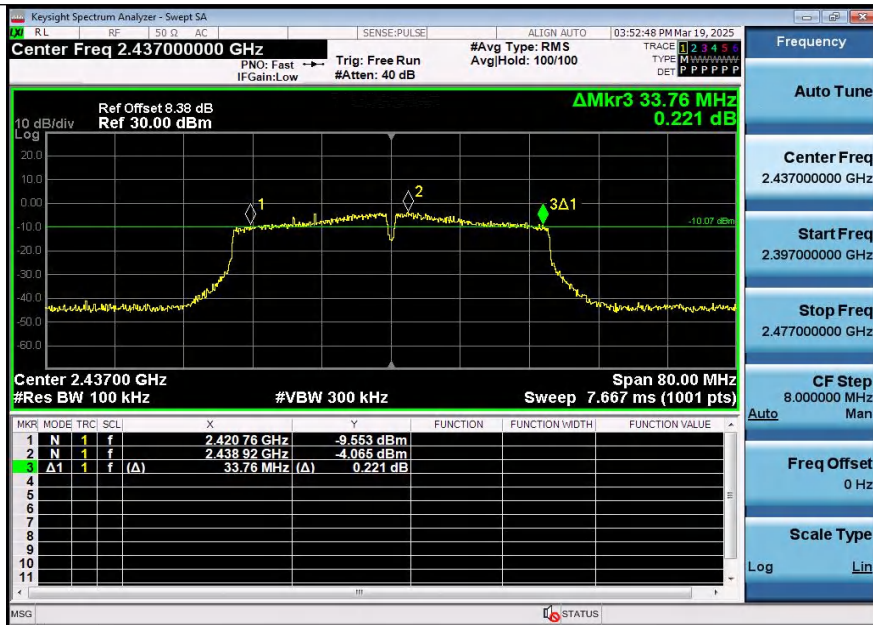
11N20SISO-Ant2-2437-PASS



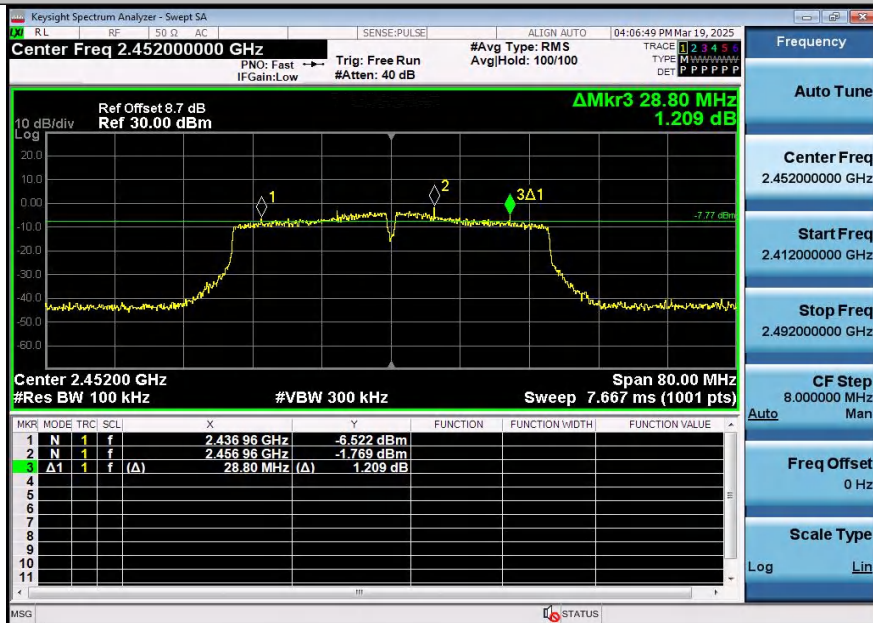
11N20SISO-Ant2-2462-PASS



11N40SISO-Ant2-2422-PASS



11N40SISO-Ant2-2437-PASS



11N40SISO-Ant2-2452-PASS



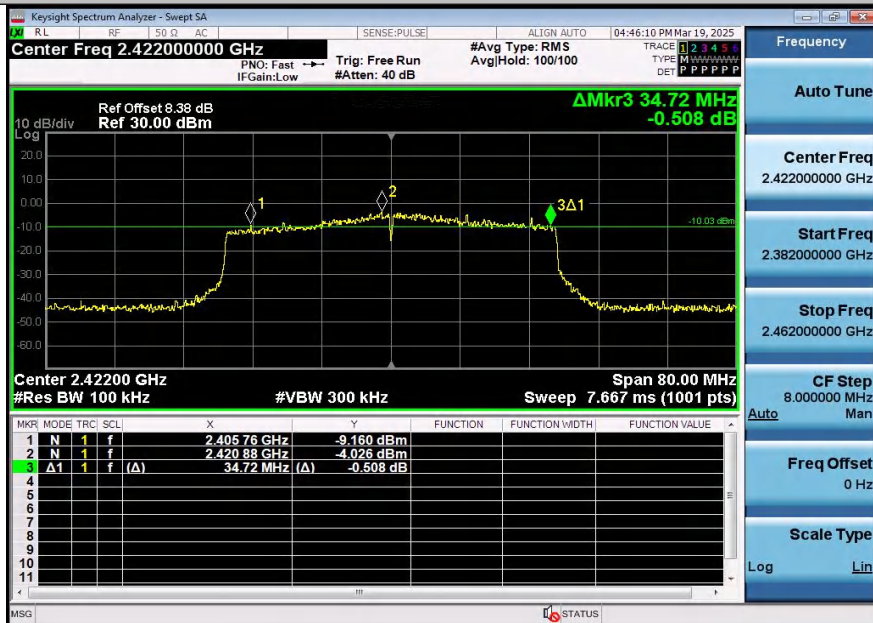
11AX20SISO-Ant2-2412-PASS



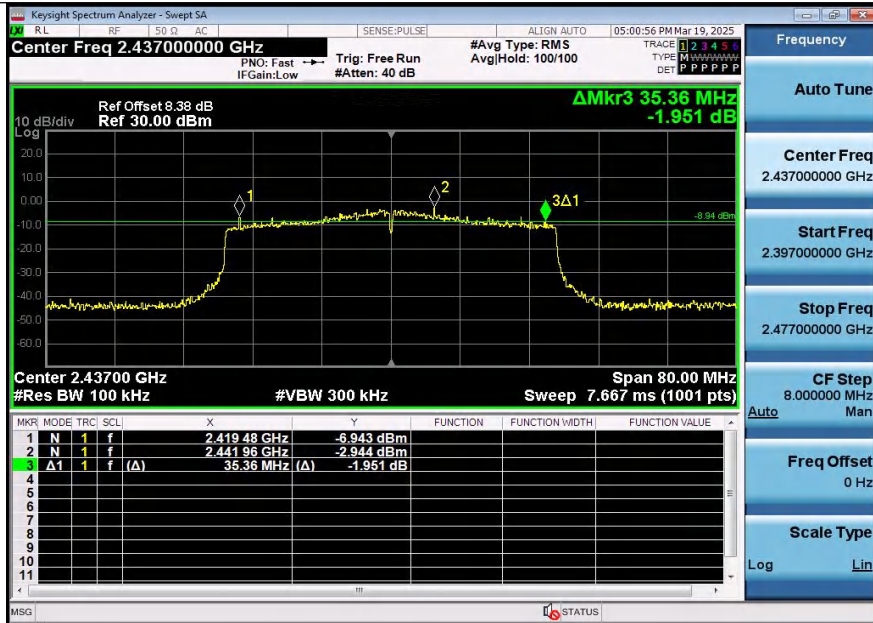
11AX20SISO-Ant2-2437-PASS



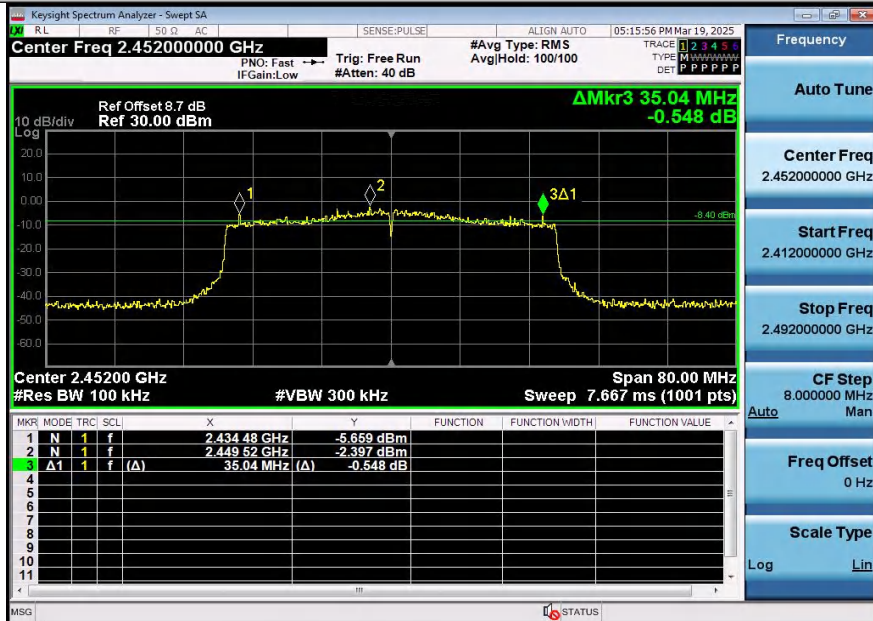
11AX20SISO-Ant2-2462-PASS



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	21.15	≤28.00	PASS
11B	Ant1	2437	21.72	≤28.00	PASS
11B	Ant1	2462	21.69	≤28.00	PASS
11G	Ant1	2412	21.12	≤28.00	PASS
11G	Ant1	2437	21.08	≤28.00	PASS
11G	Ant1	2462	20.96	≤28.00	PASS
11N20SISO	Ant1	2412	17.22	≤28.00	PASS
11N20SISO	Ant1	2437	17.81	≤28.00	PASS
11N20SISO	Ant1	2462	16.98	≤28.00	PASS
11N40SISO	Ant1	2422	17.32	≤28.00	PASS
11N40SISO	Ant1	2437	16.89	≤28.00	PASS
11N40SISO	Ant1	2452	17.22	≤28.00	PASS
11AX20SISO	Ant1	2412	17.71	≤28.00	PASS
11AX20SISO	Ant1	2437	17.46	≤28.00	PASS
11AX20SISO	Ant1	2462	17.85	≤28.00	PASS
11AX40SISO	Ant1	2422	17.52	≤28.00	PASS
11AX40SISO	Ant1	2437	17.17	≤28.00	PASS
11AX40SISO	Ant1	2452	17.72	≤28.00	PASS

Ant 2

Test Result

Test Mode	Antenna	Frequency[MHz]	Output power PK (dBm)	Limit [dBm]	Result
11B	Ant2	2412	21.78	≤28.00	PASS
11B	Ant2	2437	21.14	≤28.00	PASS
11B	Ant2	2462	21.28	≤28.00	PASS
11G	Ant2	2412	20.94	≤28.00	PASS
11G	Ant2	2437	20.58	≤28.00	PASS
11G	Ant2	2462	20.55	≤28.00	PASS
11N20SISO	Ant2	2412	16.05	≤28.00	PASS
11N20SISO	Ant2	2437	17.16	≤28.00	PASS
11N20SISO	Ant2	2462	17.73	≤28.00	PASS
11N40SISO	Ant2	2422	17.57	≤28.00	PASS
11N40SISO	Ant2	2437	17.23	≤28.00	PASS
11N40SISO	Ant2	2452	17.22	≤28.00	PASS
11AX20SISO	Ant2	2412	17.30	≤28.00	PASS
11AX20SISO	Ant2	2437	17.81	≤28.00	PASS
11AX20SISO	Ant2	2462	16.88	≤28.00	PASS
11AX40SISO	Ant2	2422	17.62	≤28.00	PASS
11AX40SISO	Ant2	2437	17.19	≤28.00	PASS
11AX40SISO	Ant2	2452	17.74	≤28.00	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	17.22	16.05	19.68	27.00	Pass
	06	17.81	17.16	20.51		
	11	16.98	17.73	20.38		
802.11n HT40	03	17.32	17.57	20.46	27.00	Pass
	06	16.89	17.23	20.07		
	09	17.22	17.22	20.23		
802.11ax HE20	01	17.71	17.30	20.52	27.00	Pass
	06	17.46	17.81	20.65		
	11	17.85	16.88	20.40		
802.11ax HE40	03	17.52	17.62	20.58	27.00	Pass
	06	17.17	17.19	20.19		
	09	17.72	17.74	20.74		

Appendix C: Maximum power spectral density

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.88	≤6.00	PASS
11B	Ant1	2437	-1.44	≤6.00	PASS
11B	Ant1	2462	-0.17	≤6.00	PASS
11G	Ant1	2412	-8.61	≤6.00	PASS
11G	Ant1	2437	-8.26	≤6.00	PASS
11G	Ant1	2462	-7.61	≤6.00	PASS
11N20SISO	Ant1	2412	-13.48	≤6.00	PASS
11N20SISO	Ant1	2437	-12.04	≤6.00	PASS
11N20SISO	Ant1	2462	-10.28	≤6.00	PASS
11N40SISO	Ant1	2422	-14.02	≤6.00	PASS
11N40SISO	Ant1	2437	-14.48	≤6.00	PASS
11N40SISO	Ant1	2452	-13.47	≤6.00	PASS
11AX20SISO	Ant1	2412	-9.95	≤6.00	PASS
11AX20SISO	Ant1	2437	-10.40	≤6.00	PASS
11AX20SISO	Ant1	2462	-10.43	≤6.00	PASS
11AX40SISO	Ant1	2422	-13.95	≤6.00	PASS
11AX40SISO	Ant1	2437	-13.06	≤6.00	PASS
11AX40SISO	Ant1	2452	-13.60	≤6.00	PASS

Test Graphs

