

Case No. : <u>GTS20250603010-2-05</u>	
Ambient Condition: <u>23</u> °C, <u>47</u> %RH,	
Test Date: <u>2025.7.17-2025.8.7</u>	Test Engineer: <u>Evan ouyang</u>

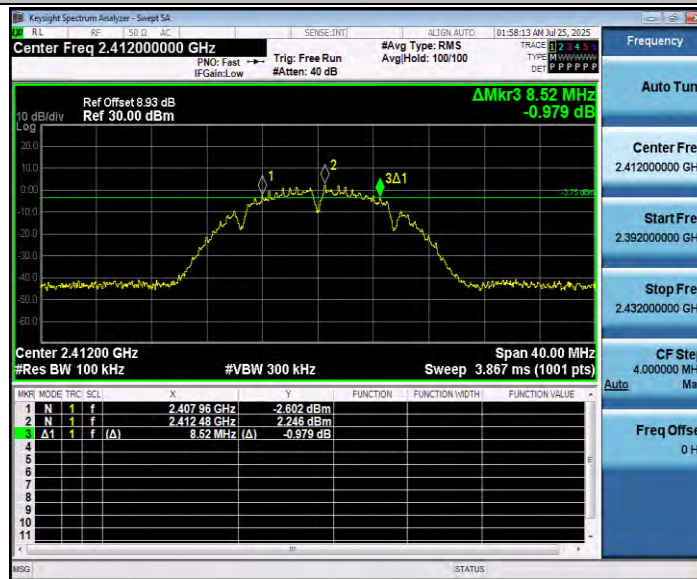
Appendix C.1: DTS Bandwidth

Test Result

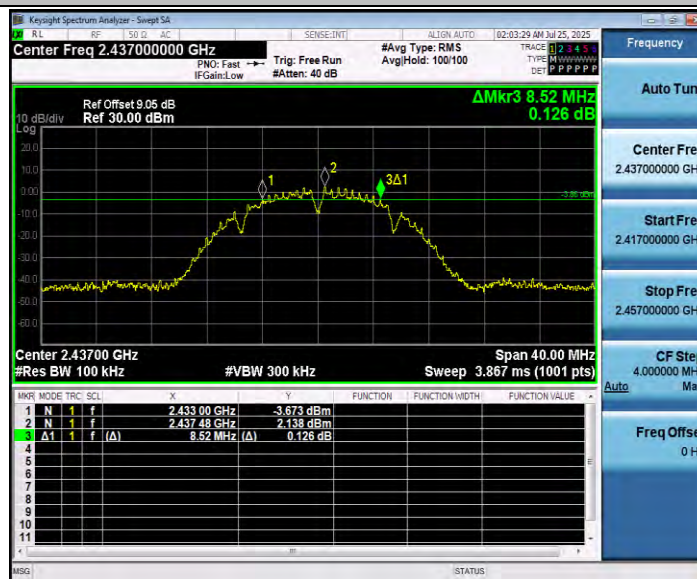
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.520	2407.960	2416.480	0.5	PASS
		2437	8.520	2433.000	2441.520	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	16.080	2403.840	2419.920	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	15.720	2454.040	2469.760	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
		2437	17.160	2428.360	2445.520	0.5	PASS
		2462	17.120	2453.240	2470.360	0.5	PASS
11N40SISO	Ant1	2422	35.520	2404.080	2439.600	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	16.160	2404.240	2420.400	0.5	PASS
		2437	17.480	2427.840	2445.320	0.5	PASS
		2462	18.760	2452.600	2471.360	0.5	PASS
11AX40SISO	Ant1	2422	36.880	2403.520	2440.400	0.5	PASS
		2437	36.640	2418.280	2454.920	0.5	PASS
		2452	36.320	2433.200	2469.520	0.5	PASS

Test Graphs

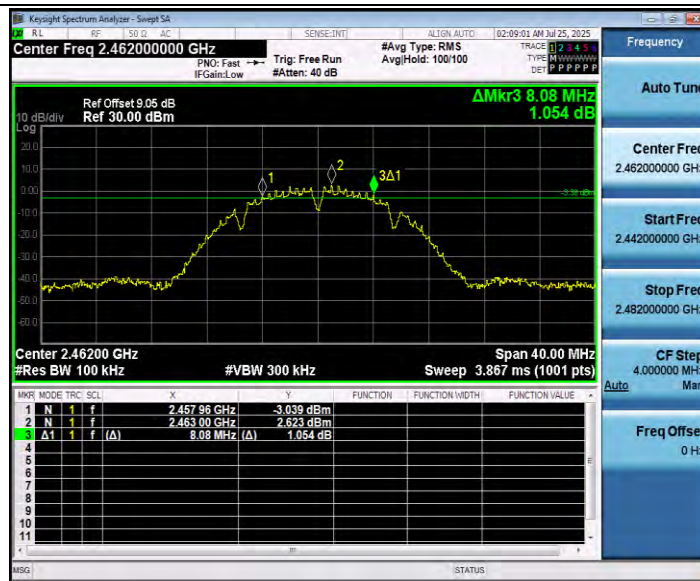
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



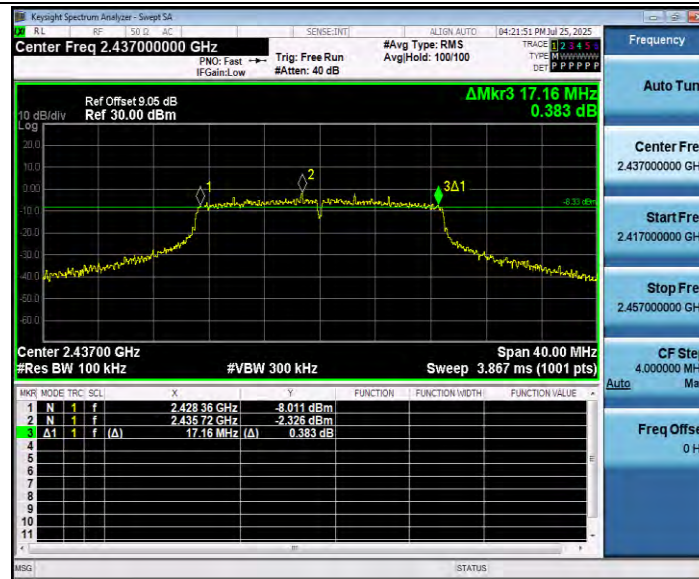
11G_Ant1_2462



11N20SISO_Ant1_2412



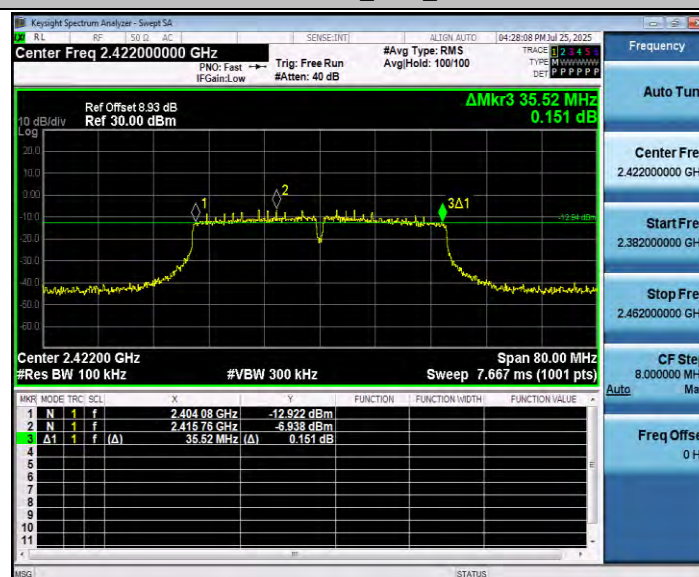
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



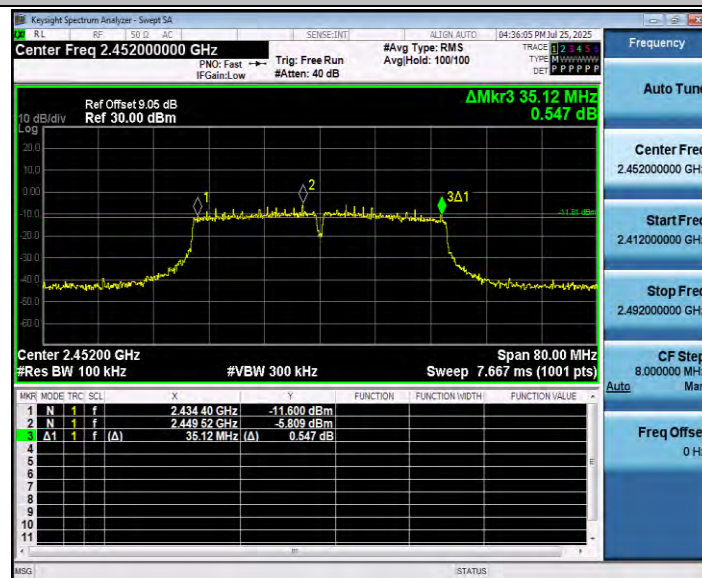
11N40SISO_Ant1_2422



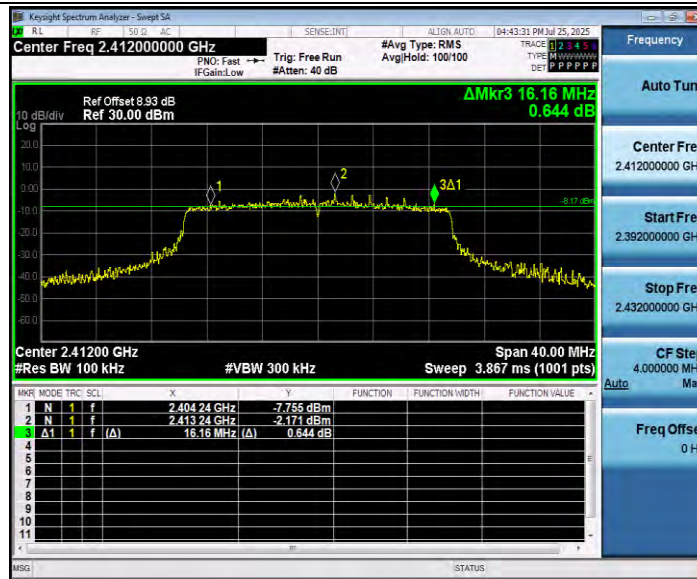
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



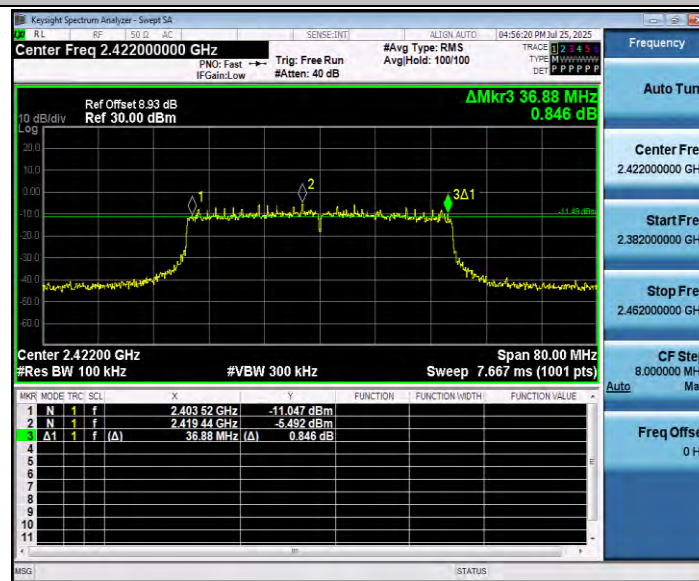
11AX20SISO_Ant1_2437



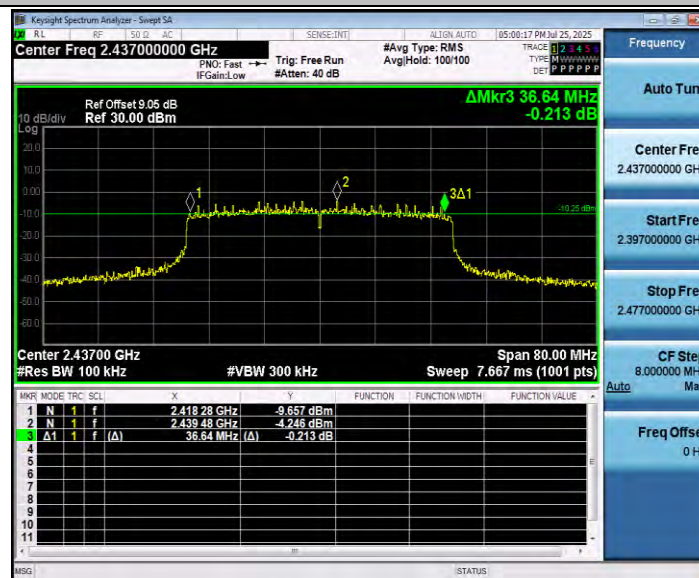
11AX20SISO_Ant1_2462



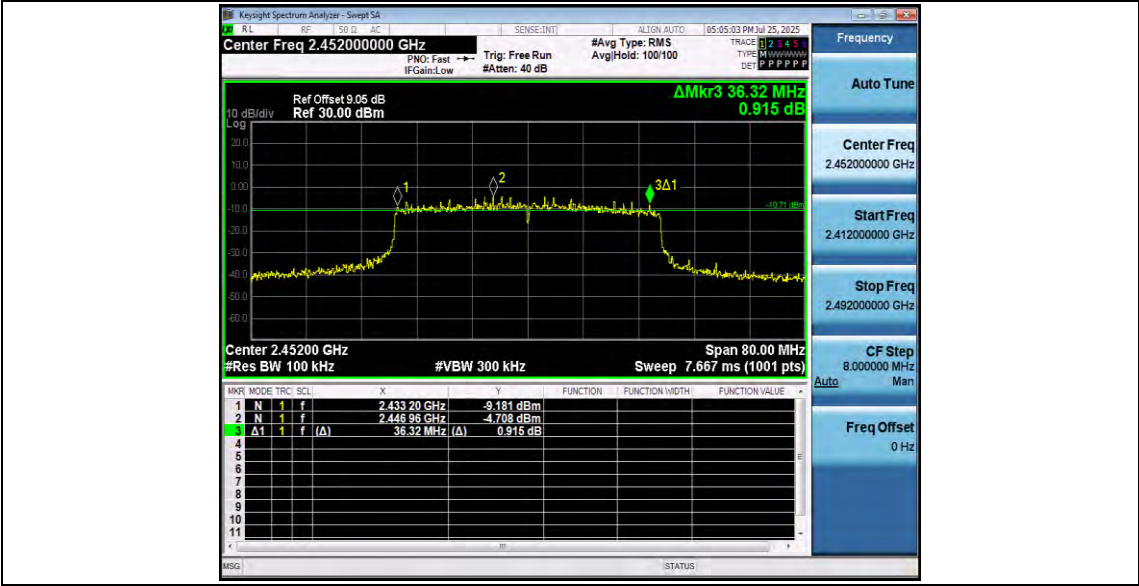
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.2: Occupied Channel Bandwidth

Test Result

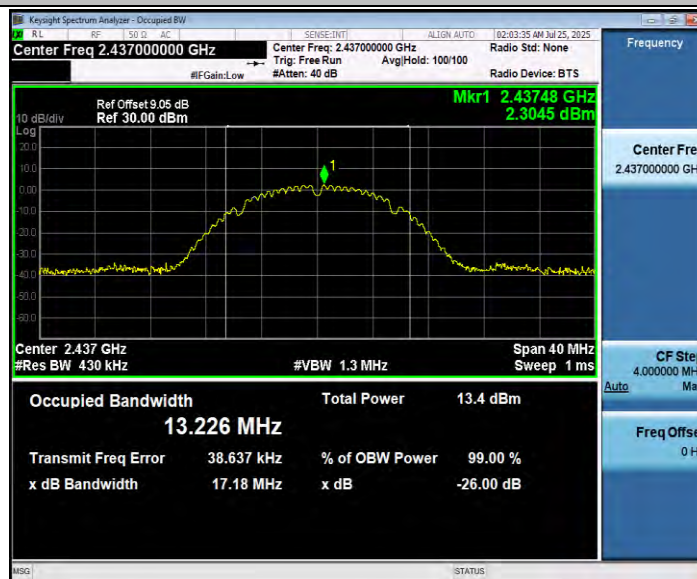
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.201	2405.4259	2418.6269	---	---
		2437	13.226	2430.4256	2443.6516	---	---
		2462	13.291	2455.3460	2468.6370	---	---
11G	Ant1	2412	17.380	2403.2973	2420.6773	---	---
		2437	17.430	2428.1932	2445.6232	---	---
		2462	17.492	2453.1373	2470.6293	---	---
11N20SISO	Ant1	2412	18.434	2402.7536	2421.1876	---	---
		2437	18.507	2427.6817	2446.1887	---	---
		2462	18.449	2452.6768	2471.1258	---	---
11N40SISO	Ant1	2422	36.852	2403.5303	2440.3823	---	---
		2437	36.767	2418.6134	2455.3804	---	---
		2452	36.649	2433.6078	2470.2568	---	---
11AX20SISO	Ant1	2412	19.270	2402.3463	2421.6163	---	---
		2437	19.217	2427.3669	2446.5839	---	---
		2462	19.239	2452.3446	2471.5836	---	---
11AX40SISO	Ant1	2422	38.048	2402.9325	2440.9805	---	---
		2437	37.967	2418.0039	2455.9709	---	---
		2452	38.005	2432.8807	2470.8857	---	---

Test Graphs

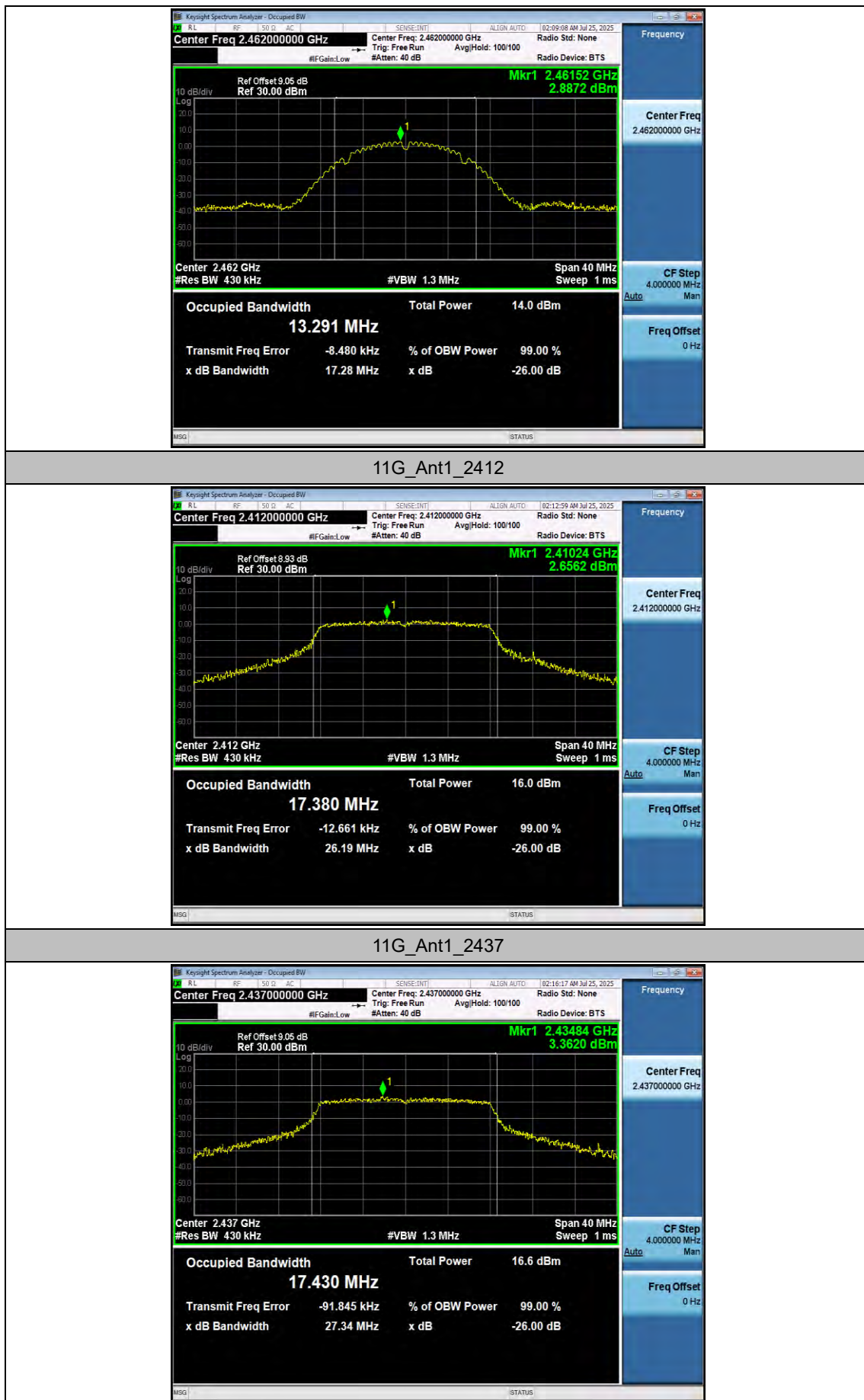
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



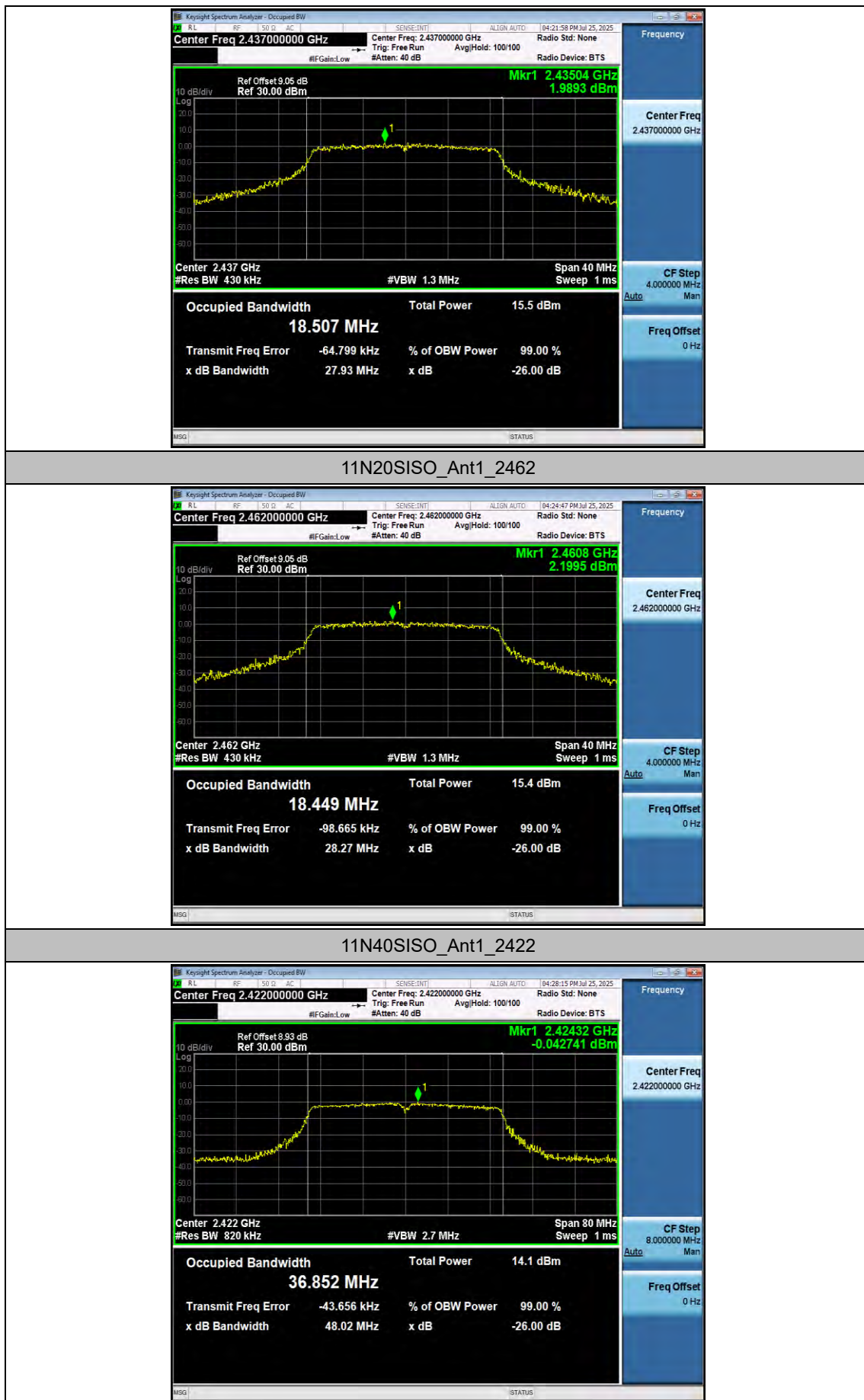
11G_Ant1_2462



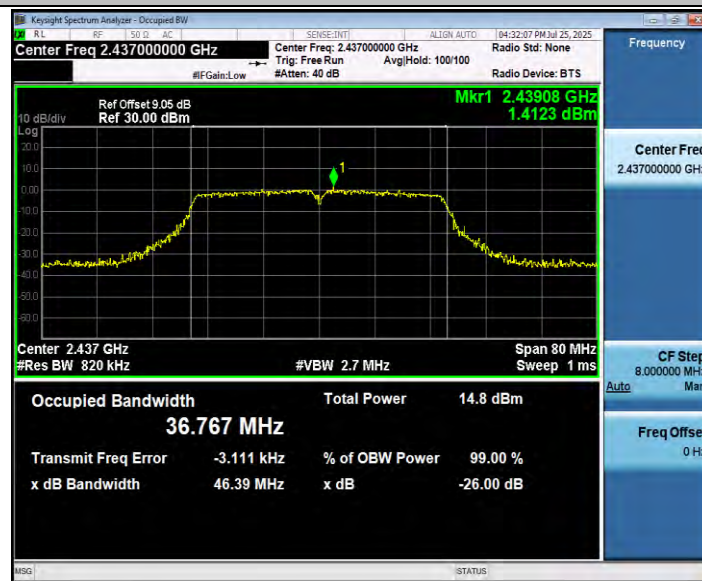
11N20SISO_Ant1_2412



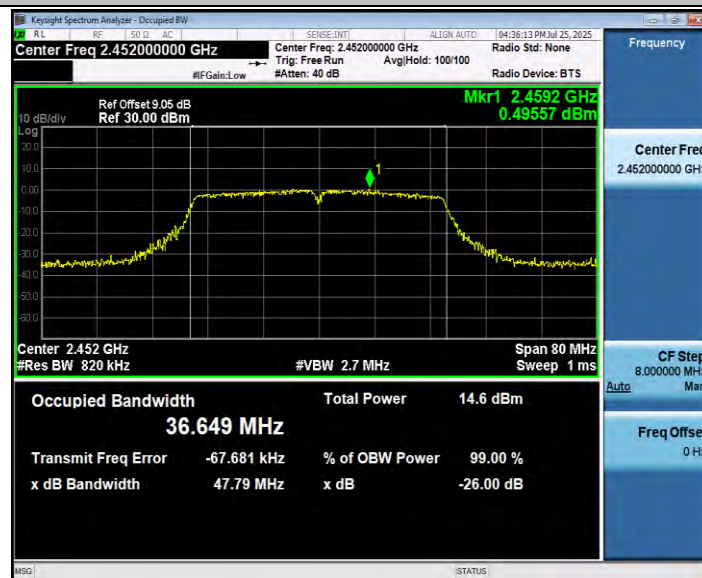
11N20SISO_Ant1_2437



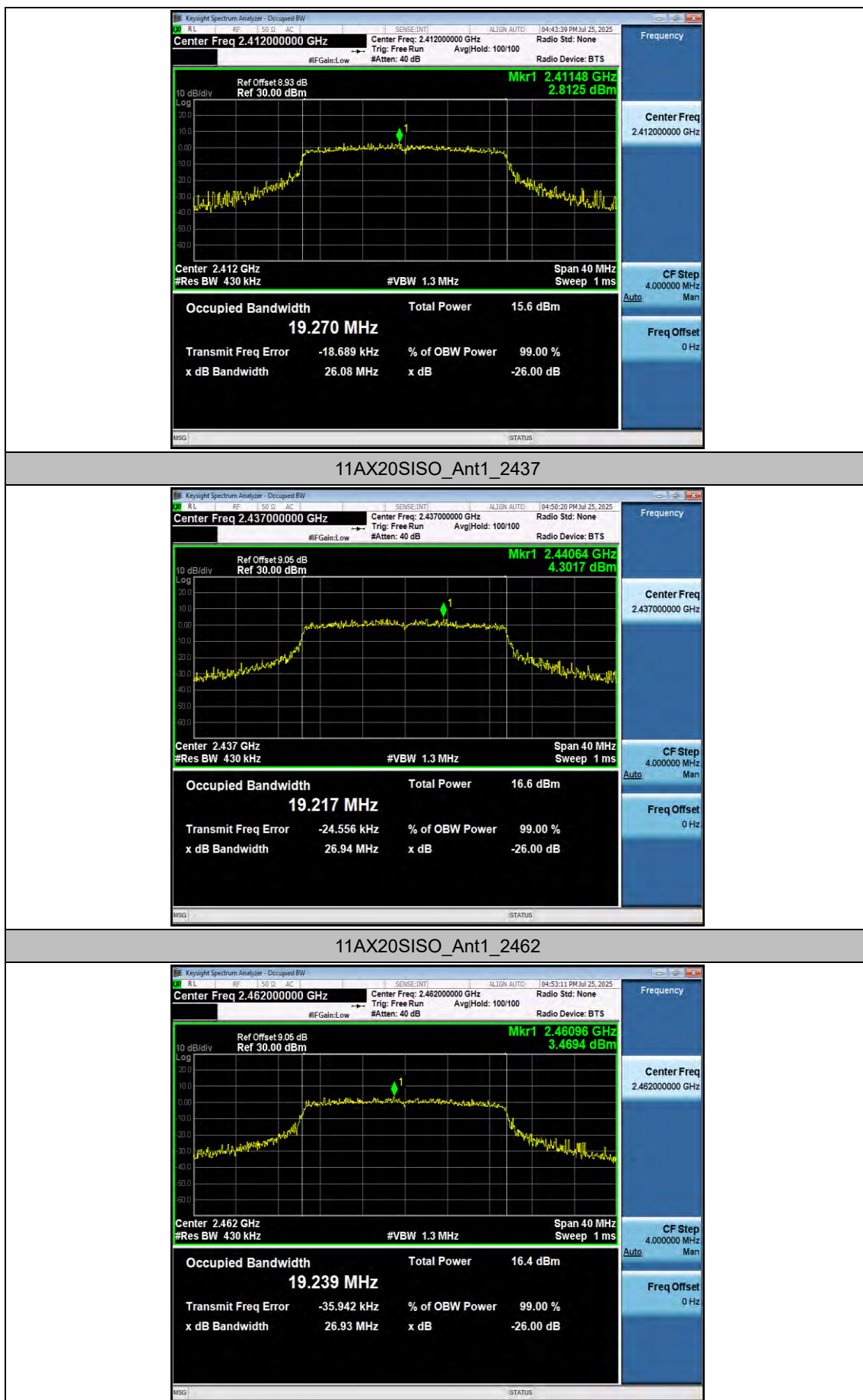
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



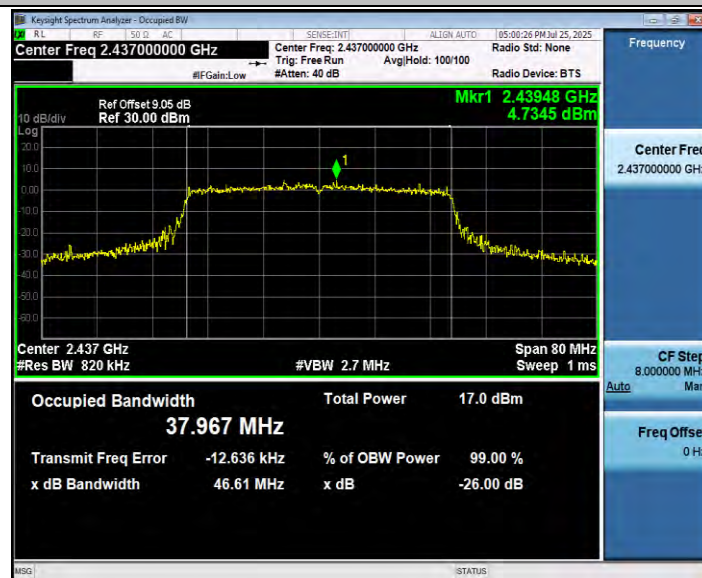
11AX20SISO_Ant1_2412



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	13.58	≤30.00	PASS
		2437	13.47	≤30.00	PASS
		2462	14.07	≤30.00	PASS
11G	Ant1	2412	17.22	≤30.00	PASS
		2437	17.68	≤30.00	PASS
		2462	17.70	≤30.00	PASS
11N20SISO	Ant1	2412	14.87	≤30.00	PASS
		2437	16.63	≤30.00	PASS
		2462	16.52	≤30.00	PASS
11N40SISO	Ant1	2422	14.26	≤30.00	PASS
		2437	15.10	≤30.00	PASS
		2452	14.98	≤30.00	PASS
11AX20SISO	Ant1	2412	16.40	≤30.00	PASS
		2437	17.20	≤30.00	PASS
		2462	16.96	≤30.00	PASS
11AX40SISO	Ant1	2422	15.72	≤30.00	PASS
		2437	17.19	≤30.00	PASS
		2452	16.94	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.02	≤8.00	PASS
		2437	-11.90	≤8.00	PASS
		2462	-11.89	≤8.00	PASS
11G	Ant1	2412	-15.52	≤8.00	PASS
		2437	-14.46	≤8.00	PASS
		2462	-14.50	≤8.00	PASS
11N20SISO	Ant1	2412	-16.50	≤8.00	PASS
		2437	-14.81	≤8.00	PASS
		2462	-15.72	≤8.00	PASS
11N40SISO	Ant1	2422	-19.26	≤8.00	PASS
		2437	-19.84	≤8.00	PASS
		2452	-20.57	≤8.00	PASS
11AX20SISO	Ant1	2412	-17.45	≤8.00	PASS
		2437	-16.13	≤8.00	PASS
		2462	-16.46	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.16	≤8.00	PASS
		2437	-18.51	≤8.00	PASS
		2452	-18.07	≤8.00	PASS

Test Graphs

11B_Ant1_2412



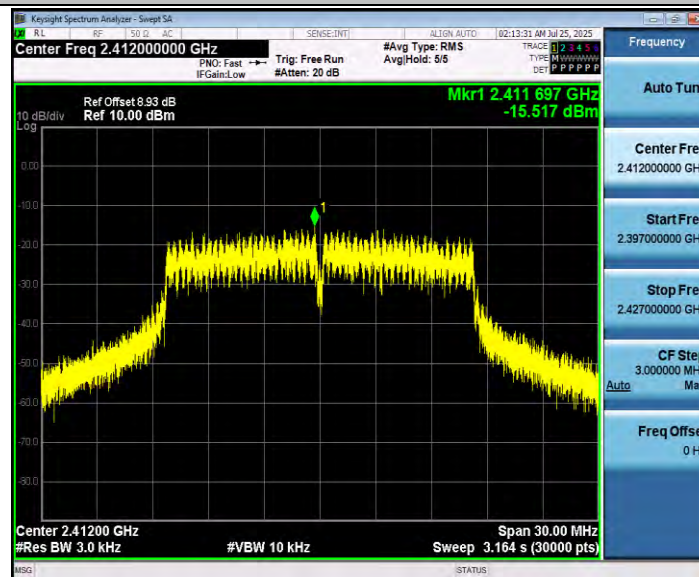
11B_Ant1_2437



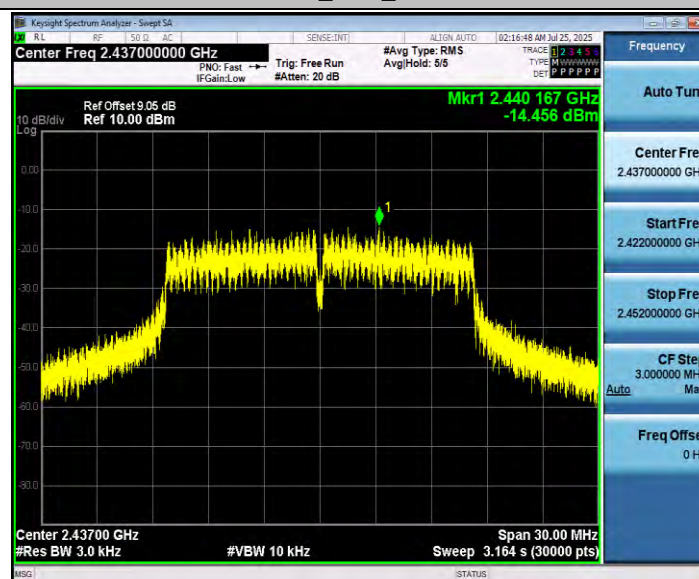
11B_Ant1_2462



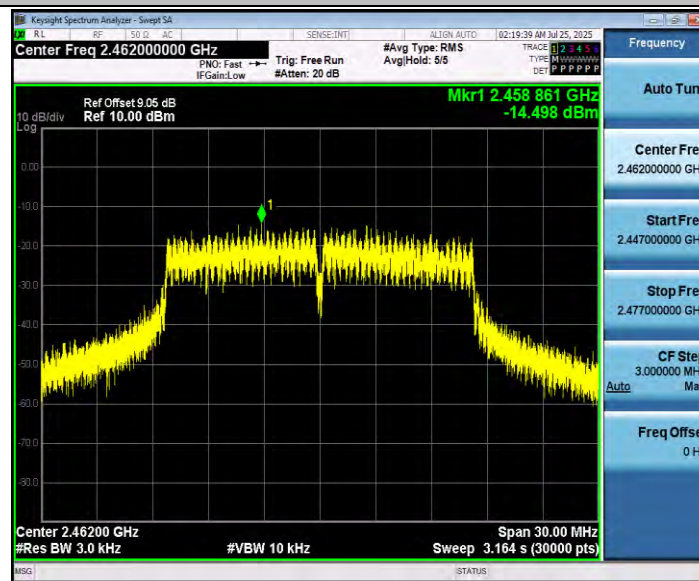
11G_Ant1_2412



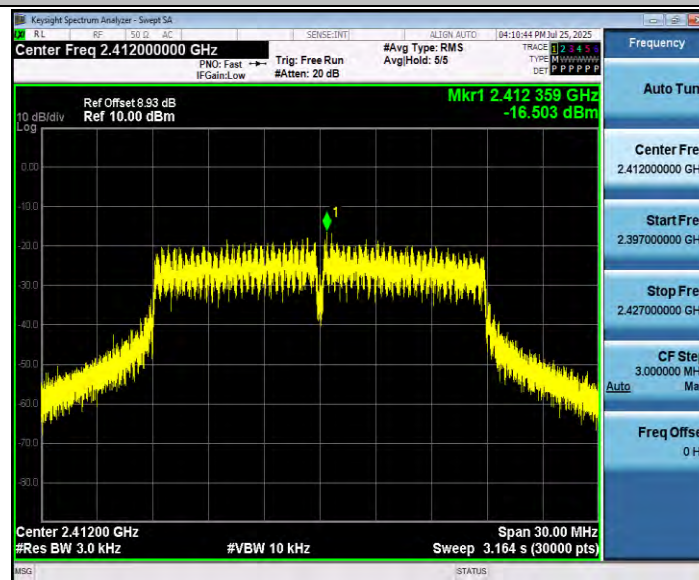
11G_Ant1_2437



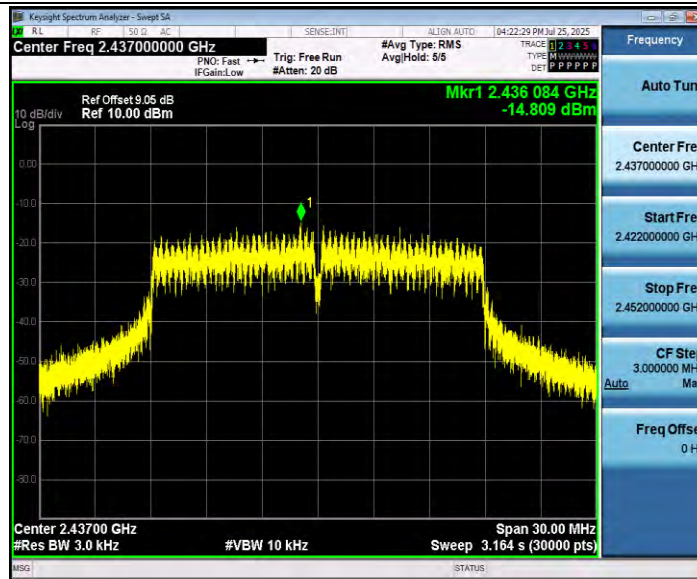
11G_Ant1_2462



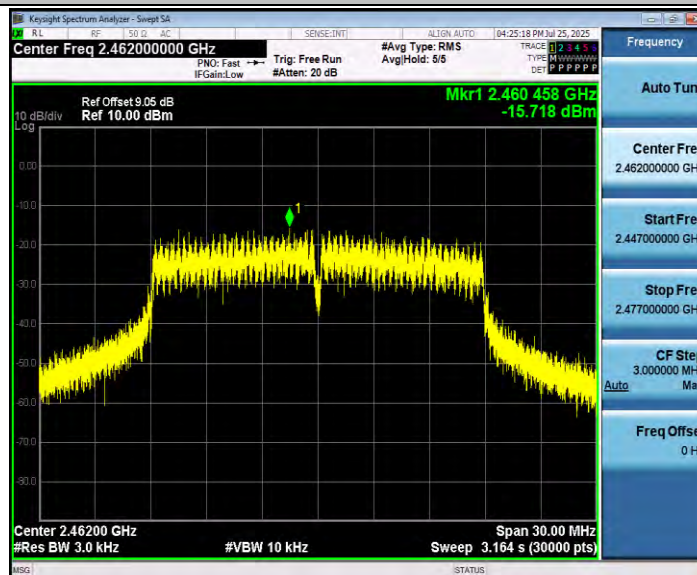
11N20SISO_Ant1_2412



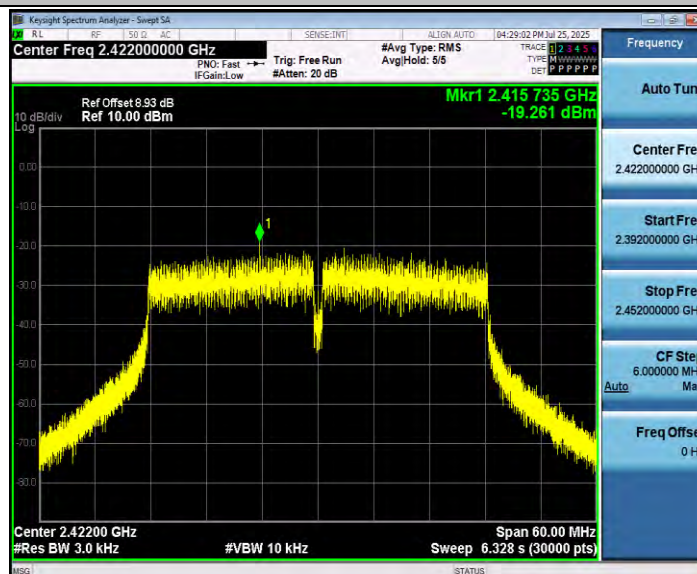
11N20SISO_Ant1_2437



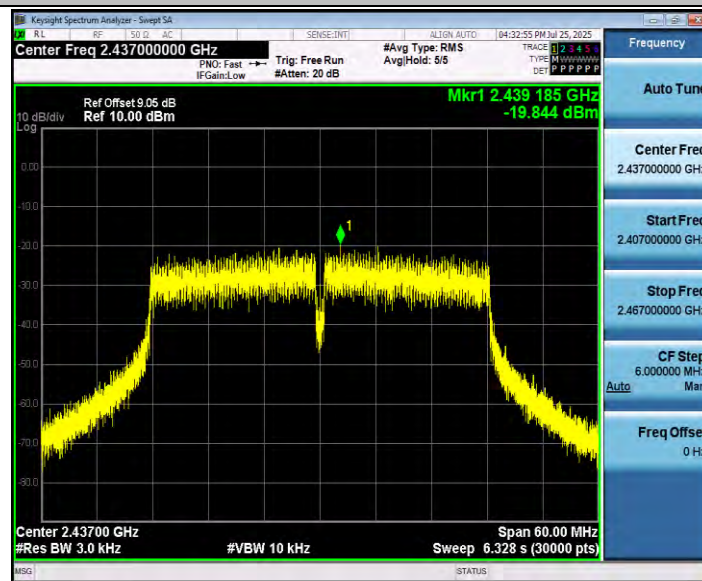
11N20SISO_Ant1_2462



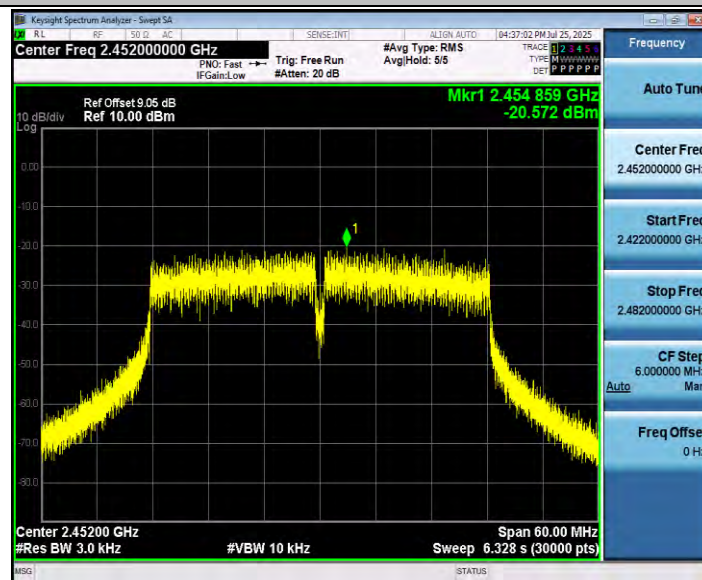
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



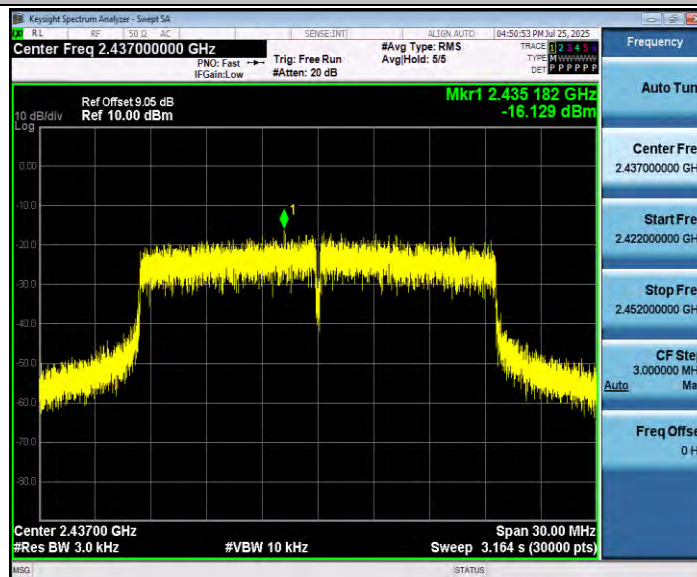
11N40SISO_Ant1_2452



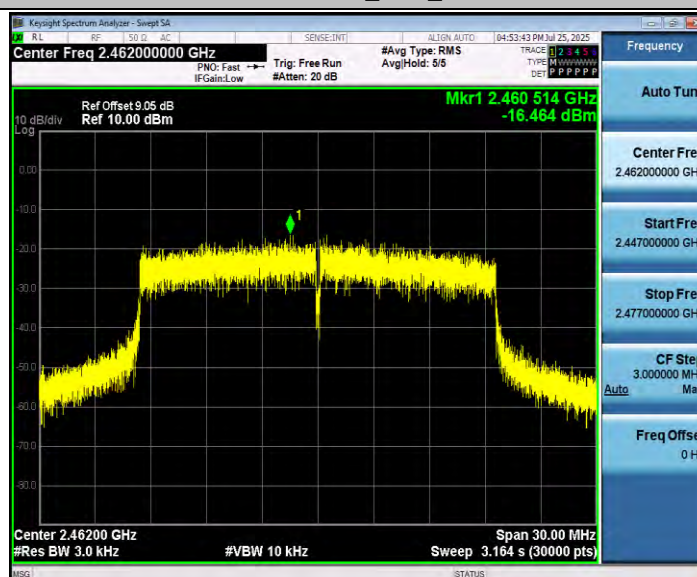
11AX20SISO_Ant1_2412



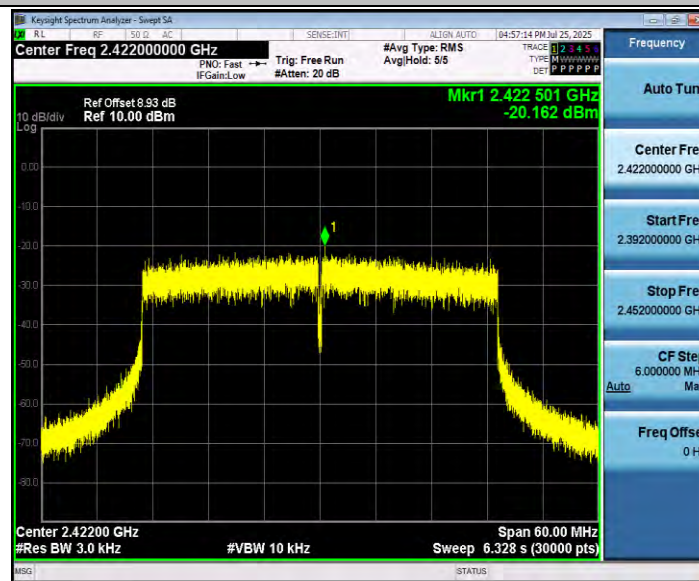
11AX20ISO_Ant1_2437



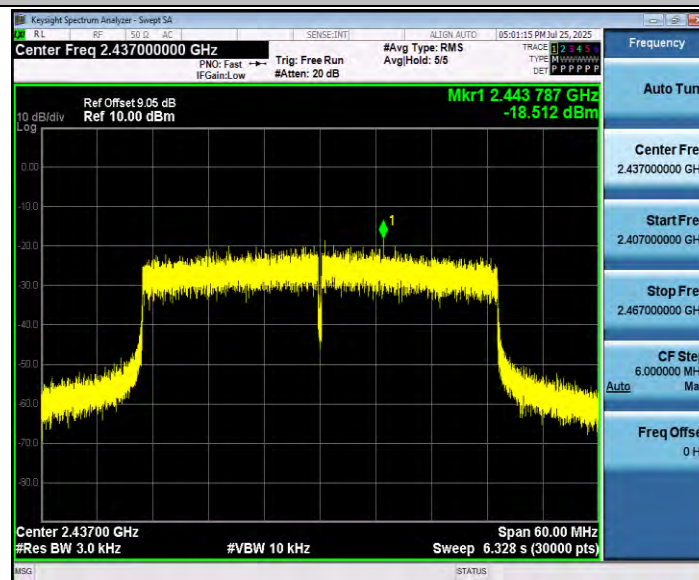
11AX20ISO_Ant1_2462



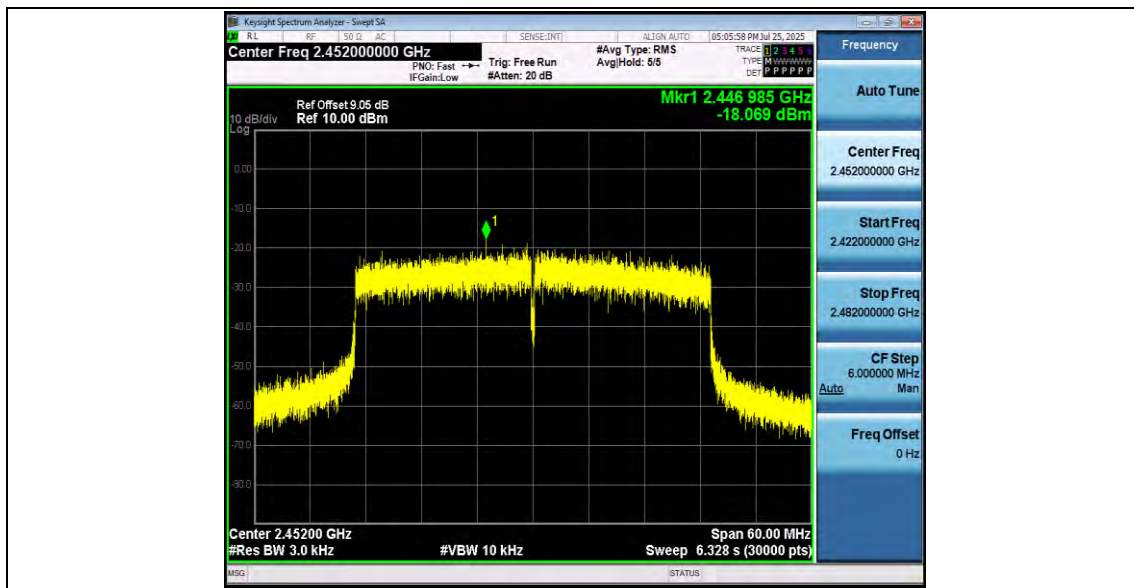
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



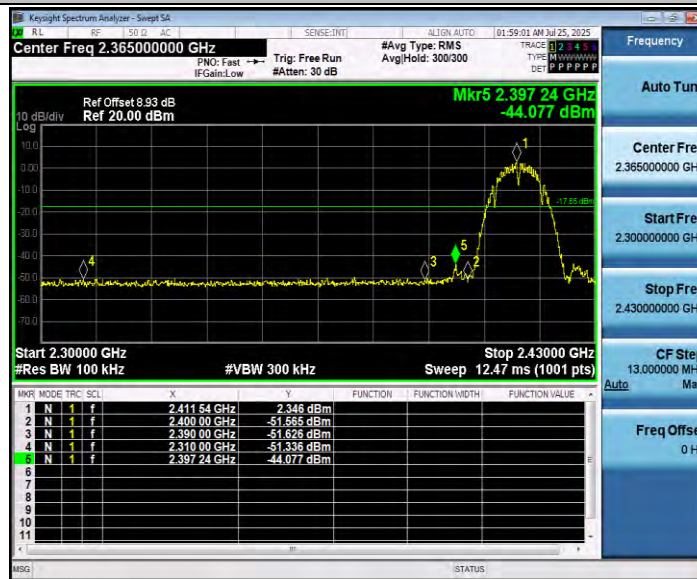
Appendix C.5: Band edge measurements

Test Result

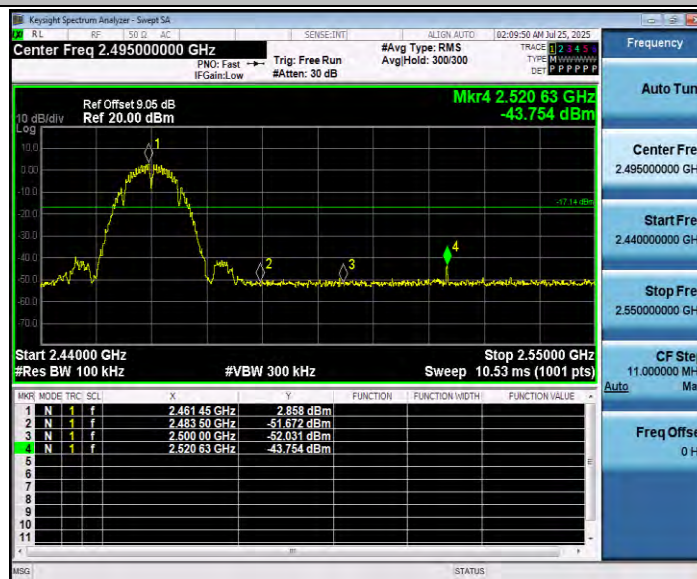
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.35	-44.08	≤ -17.65	PASS
		High	2462	2.86	-43.75	≤ -17.14	PASS
11G	Ant1	Low	2412	-0.68	-30.31	≤ -20.68	PASS
		High	2462	0.30	-43.45	≤ -19.7	PASS
11N20SISO	Ant1	Low	2412	-3.34	-32.22	≤ -23.34	PASS
		High	2462	-1.42	-43.87	≤ -21.42	PASS
11N40SISO	Ant1	Low	2422	-6.72	-37.43	≤ -26.72	PASS
		High	2452	-5.64	-46.52	≤ -25.64	PASS
11AX20SISO	Ant1	Low	2412	-3.10	-31.8	≤ -23.1	PASS
		High	2462	-1.46	-42.47	≤ -21.46	PASS
11AX40SISO	Ant1	Low	2422	-5.50	-36.25	≤ -25.5	PASS
		High	2452	-4.29	-39.11	≤ -24.29	PASS

Test Graphs

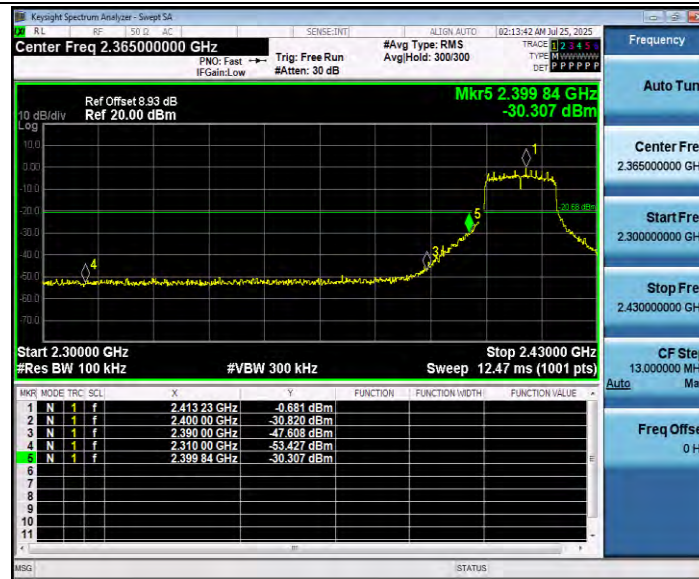
11B_Ant1_Low_2412



11B_Ant1_High_2462



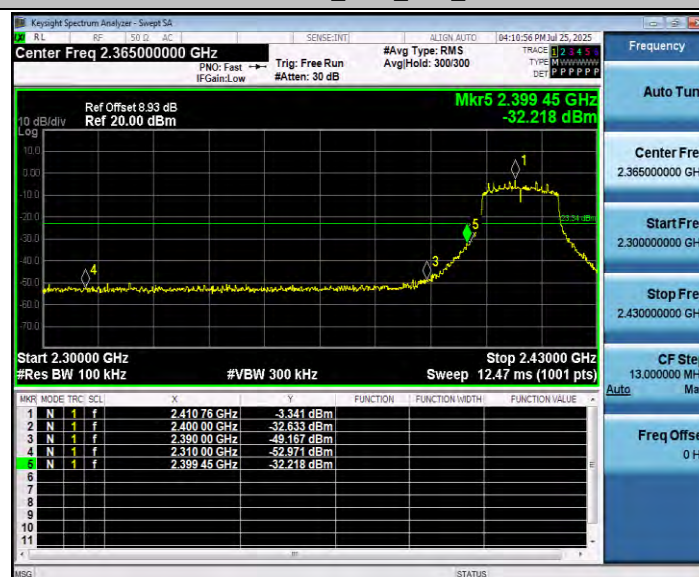
11G_Ant1_Low_2412



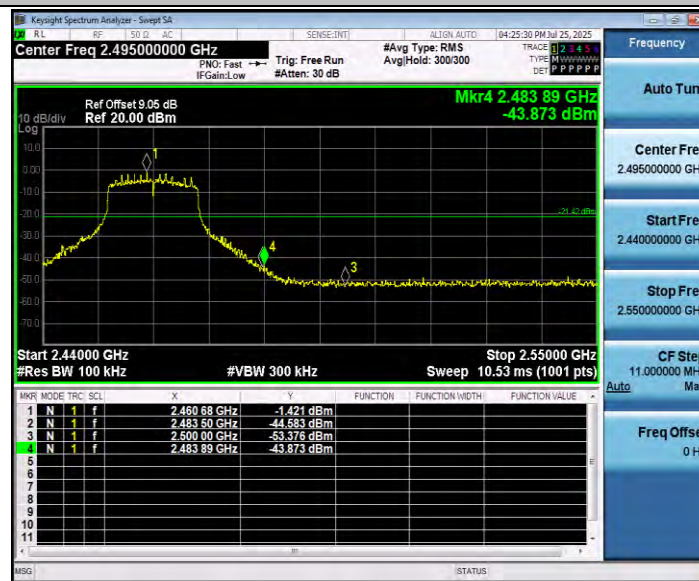
11G_Ant1_High_2462



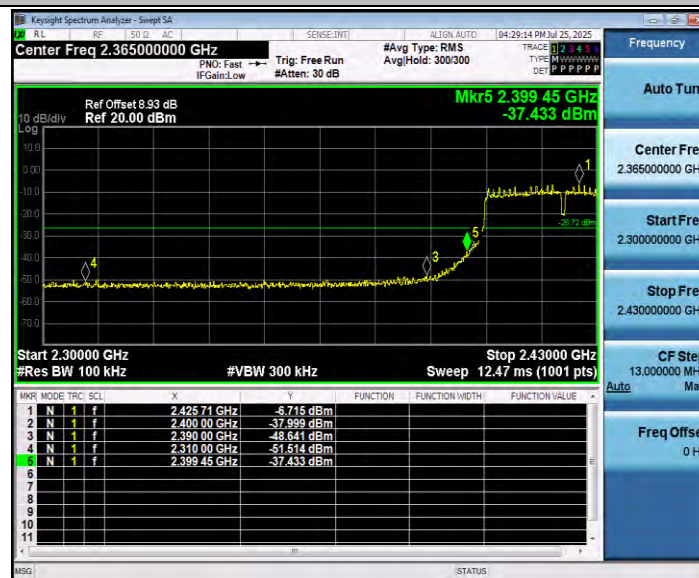
11N20SISO_Ant1_Low_2412



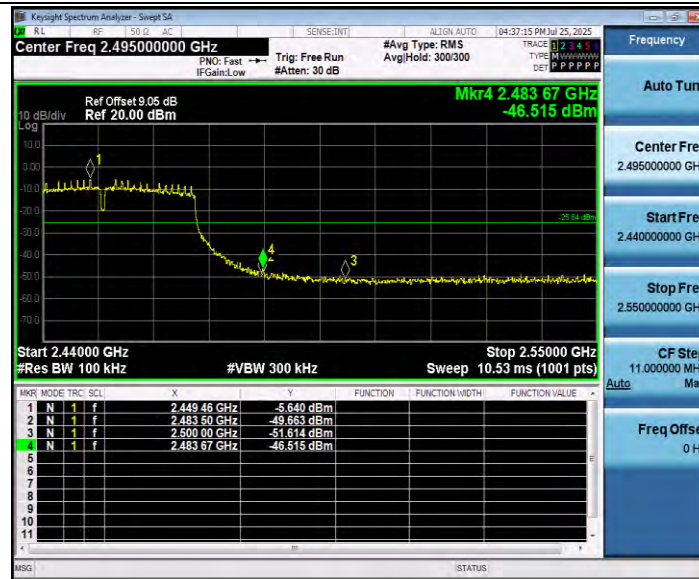
11N20SISO_Ant1_High_2462



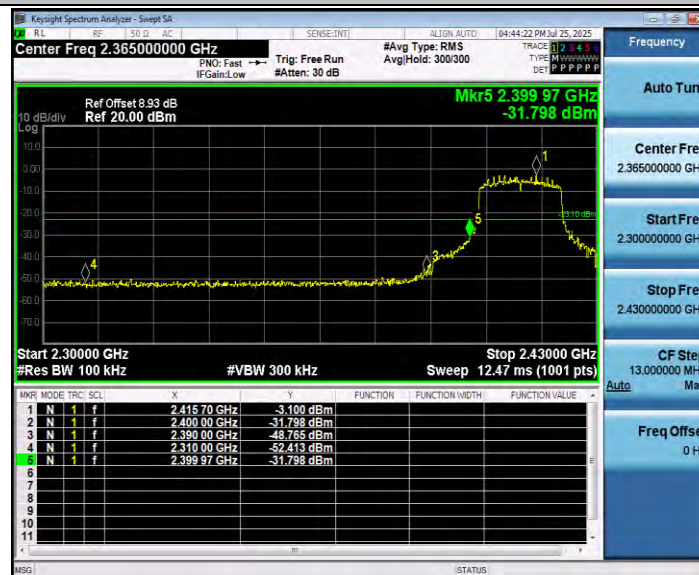
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



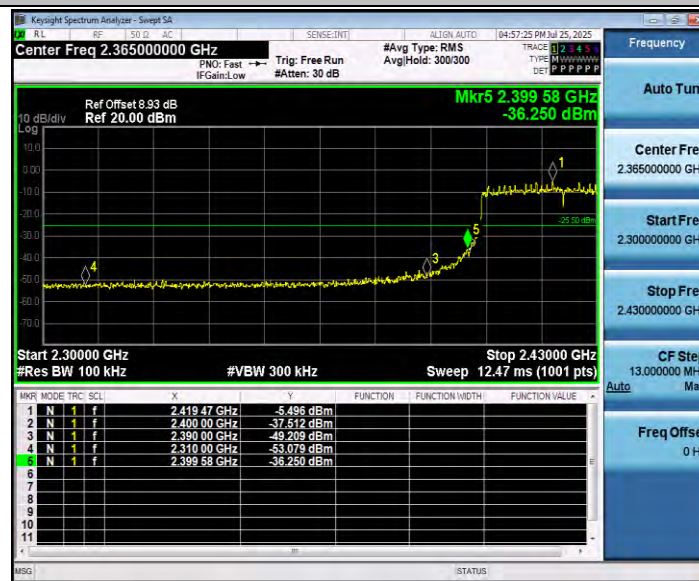
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

