

Case No. : <u>GTS20250516011-2-10</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.6.13-2025.7.8</u>	Test Engineer: <u>Evan ouyang</u>

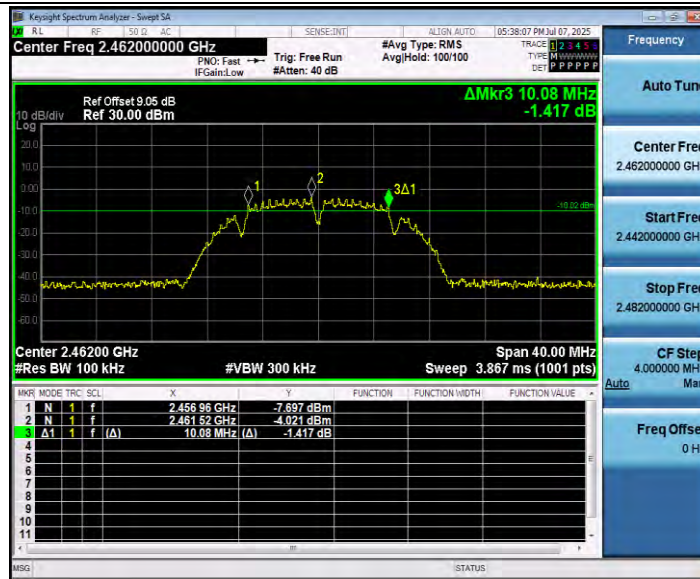
Appendix C.1: DTS Bandwidth

Test Result

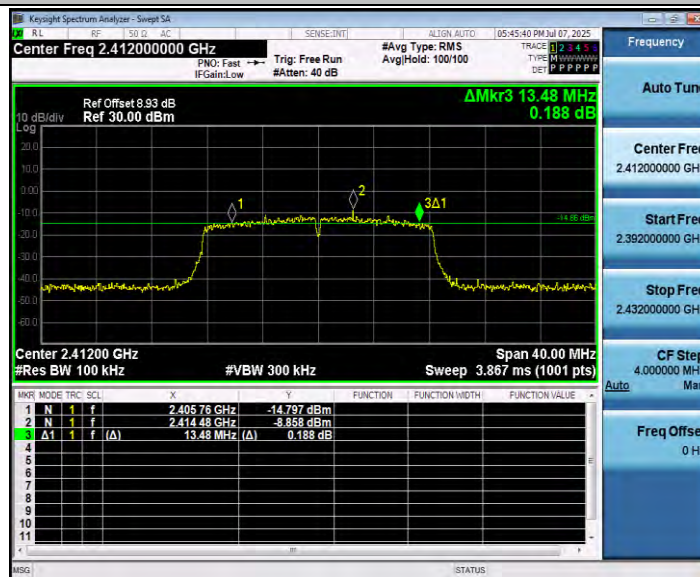
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.000	2432.000	2442.000	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	13.480	2405.760	2419.240	0.5	PASS
		2437	14.960	2429.720	2444.680	0.5	PASS
		2462	14.040	2455.480	2469.520	0.5	PASS
11N20SISO	Ant1	2412	16.000	2404.200	2420.200	0.5	PASS
		2437	14.760	2429.760	2444.520	0.5	PASS
		2462	12.440	2456.000	2468.440	0.5	PASS
11N40SISO	Ant1	2422	34.400	2405.600	2440.000	0.5	PASS
		2437	34.160	2420.440	2454.600	0.5	PASS
		2452	34.320	2434.640	2468.960	0.5	PASS
11AX20SISO	Ant1	2412	14.840	2404.720	2419.560	0.5	PASS
		2437	14.200	2430.040	2444.240	0.5	PASS
		2462	18.240	2452.680	2470.920	0.5	PASS
11AX40SISO	Ant1	2422	36.240	2404.480	2440.720	0.5	PASS
		2437	37.440	2418.280	2455.720	0.5	PASS
		2452	35.600	2434.160	2469.760	0.5	PASS

Test Graphs

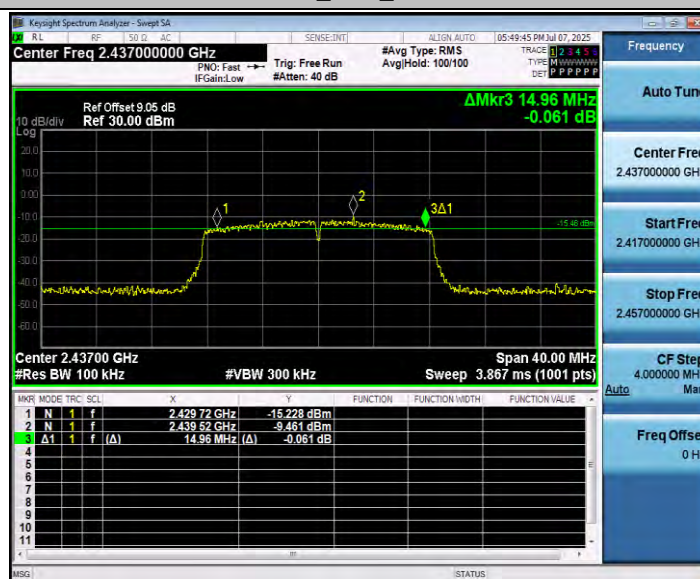




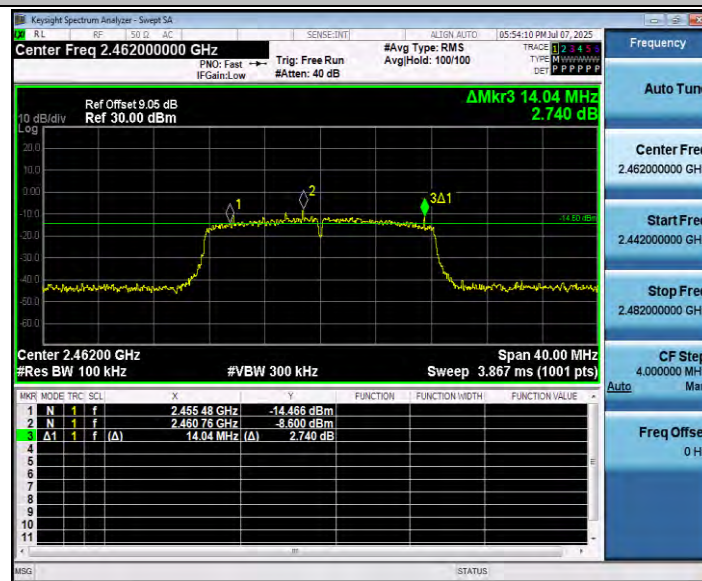
11G_Ant1_2412



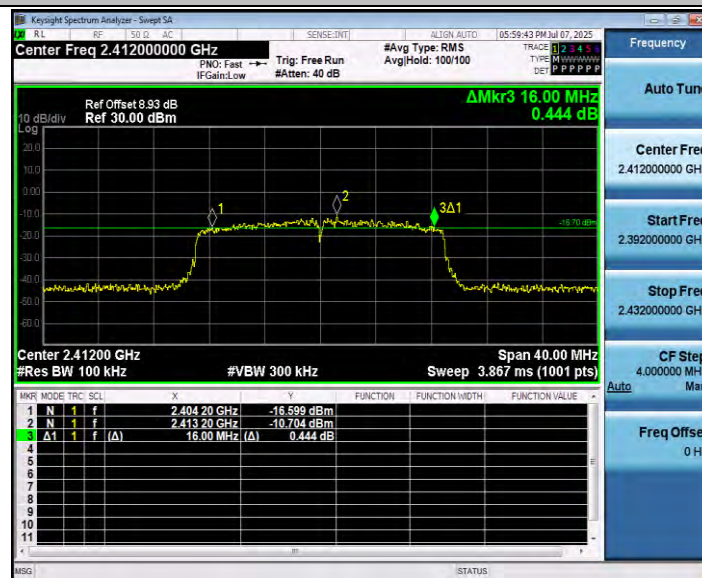
11G_Ant1_2437



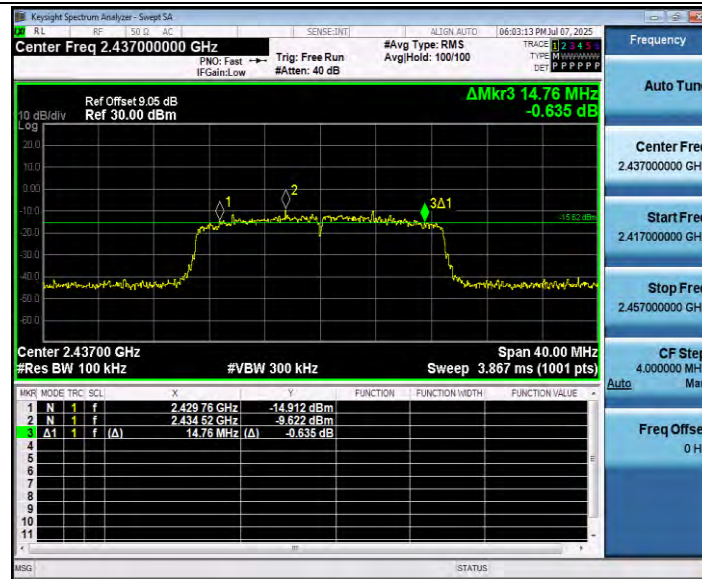
11G_Ant1_2462



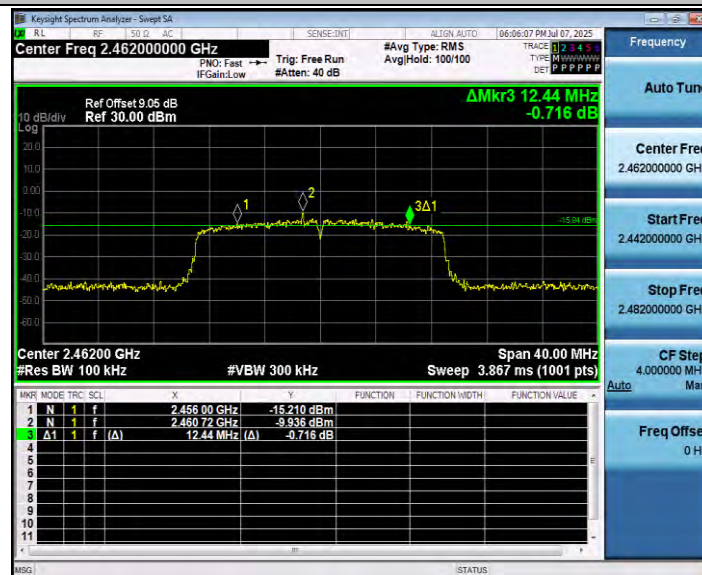
11N20SISO_Ant1_2412



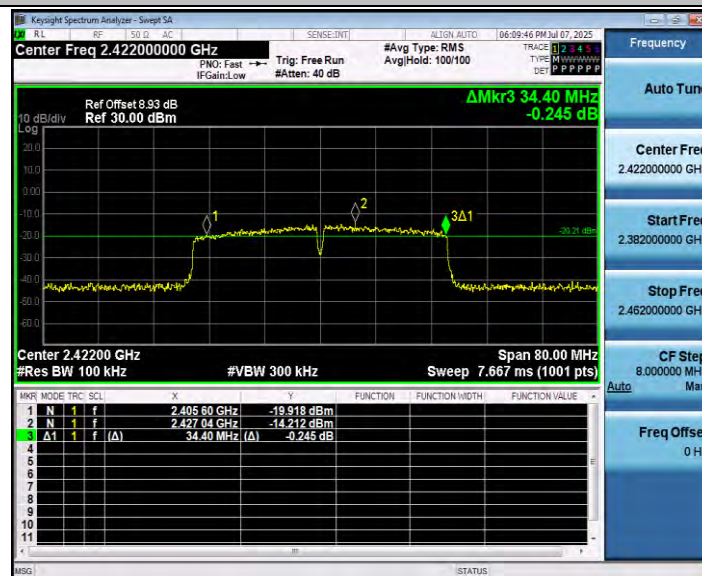
11N20SISO_Ant1_2437



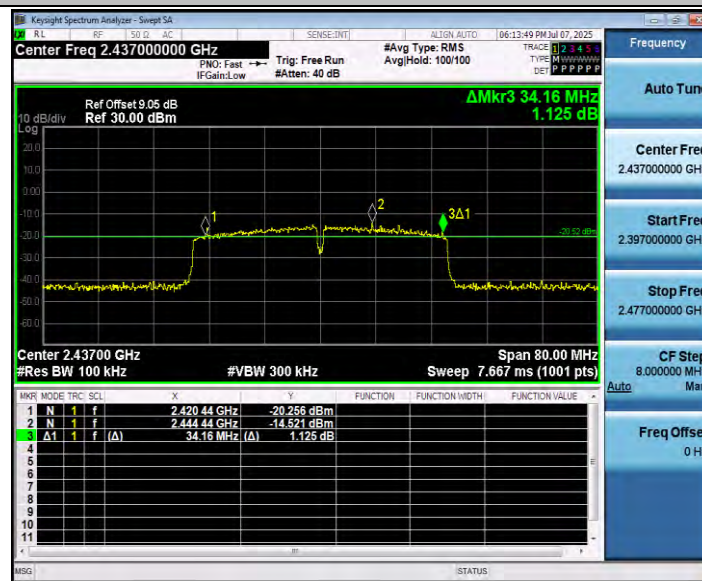
11N20SISO_Ant1_2462



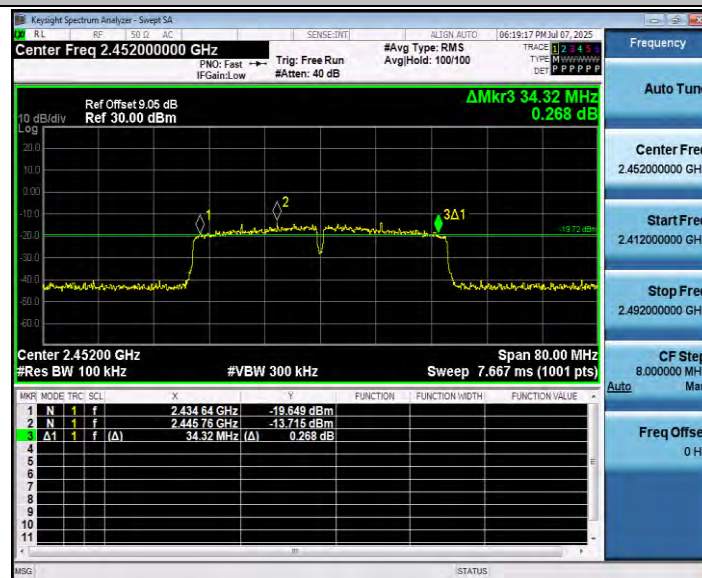
11N40SISO_Ant1_2422



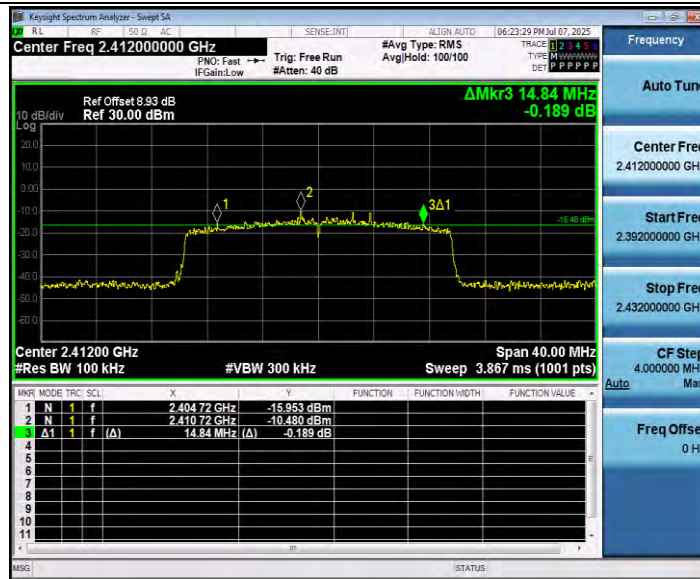
11N40SISO_Ant1_2437



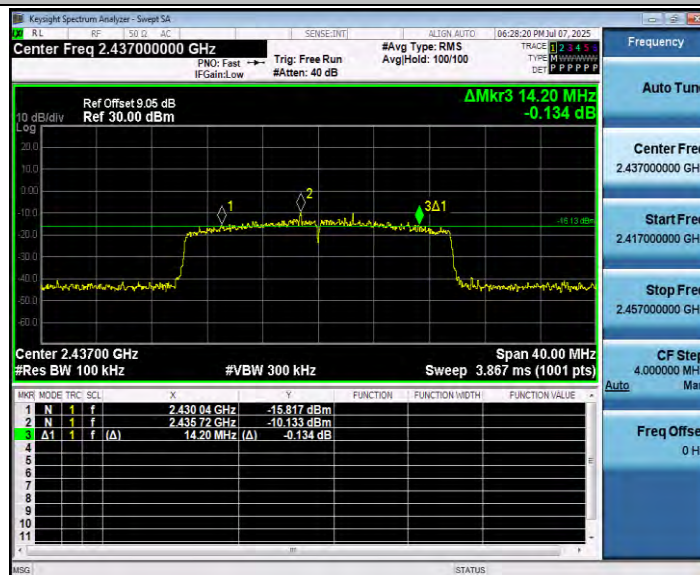
11N40SISO_Ant1_2452



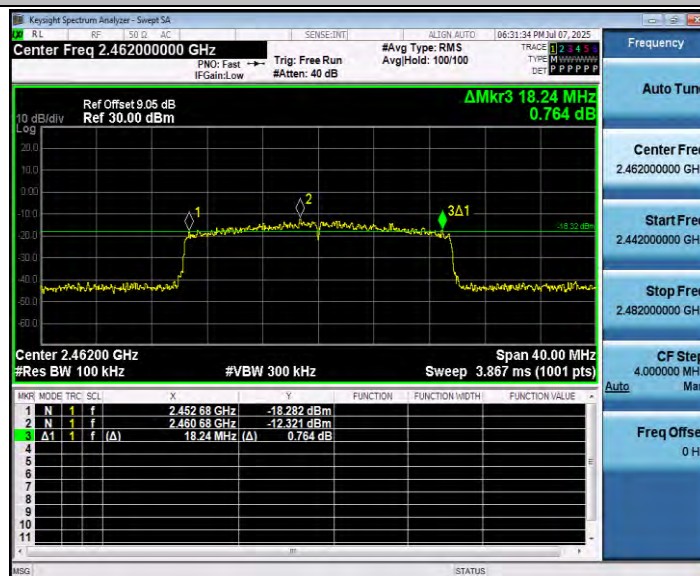
11AX20SISO_Ant1_2412



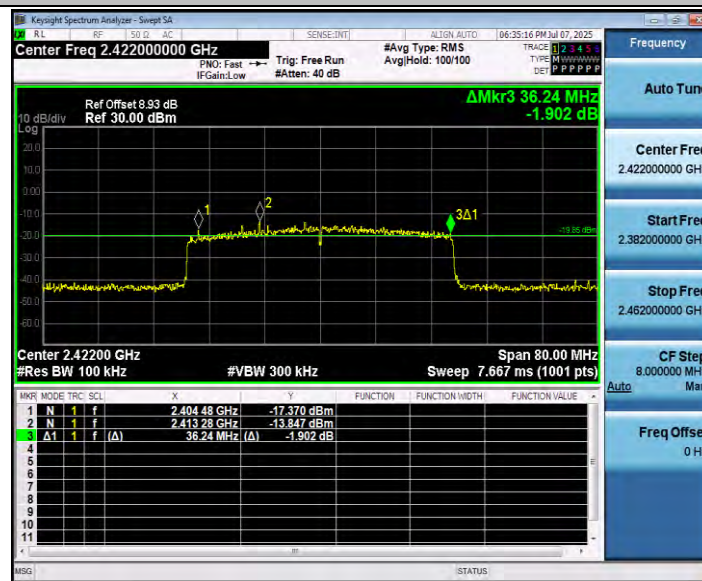
11AX20SISO_Ant1_2437



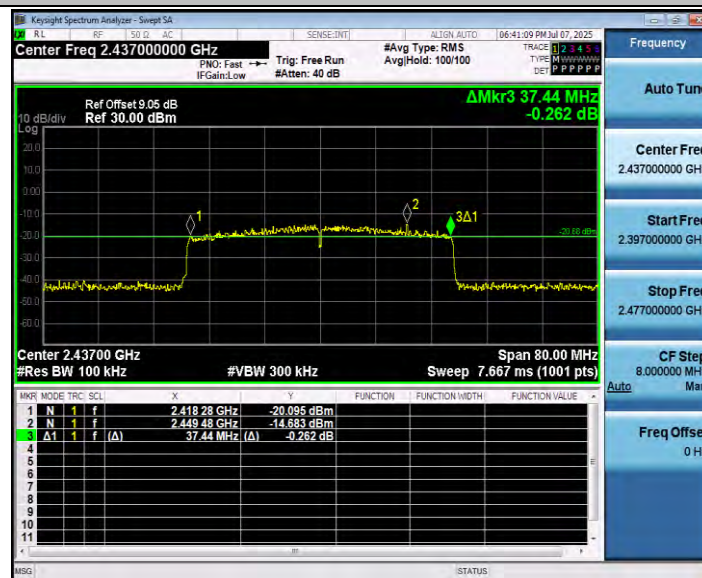
11AX20SISO_Ant1_2462



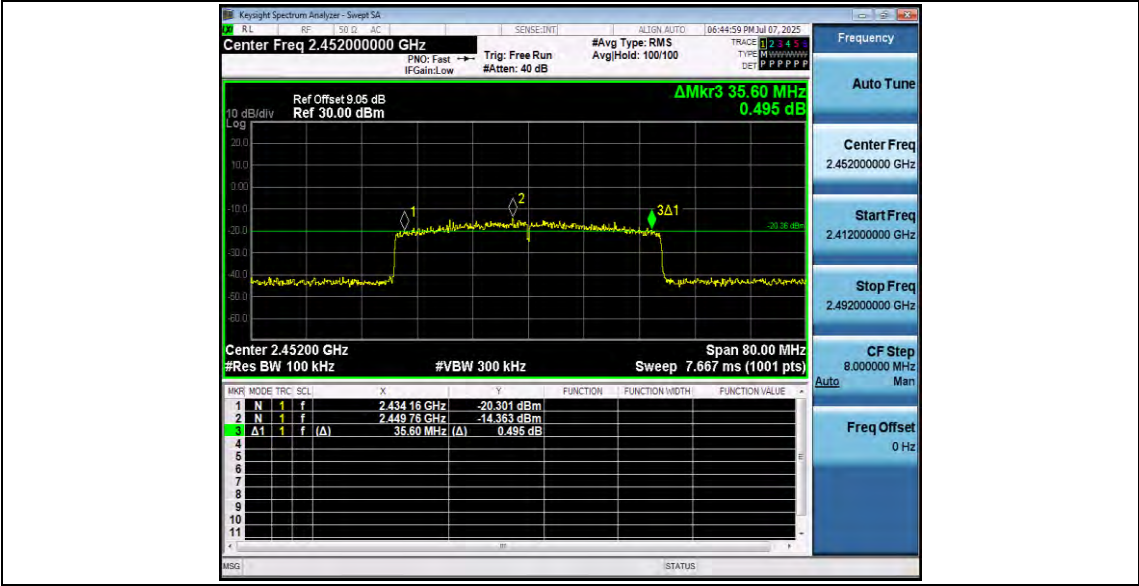
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



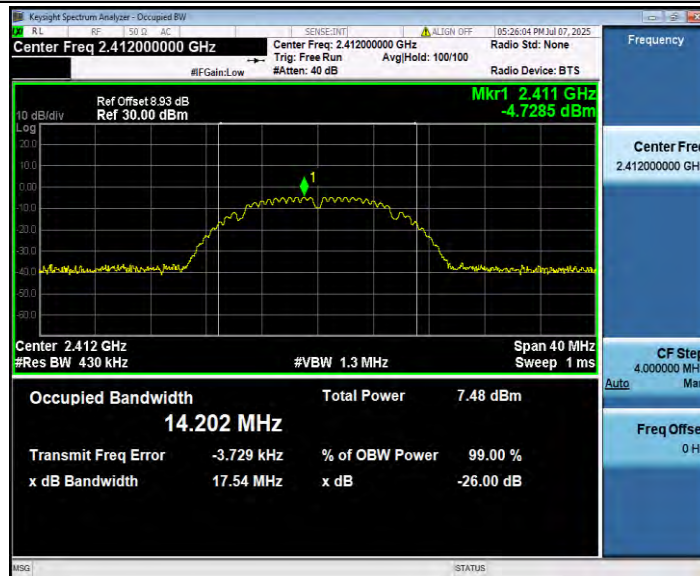
Appendix C.2: Occupied Channel Bandwidth

Test Result

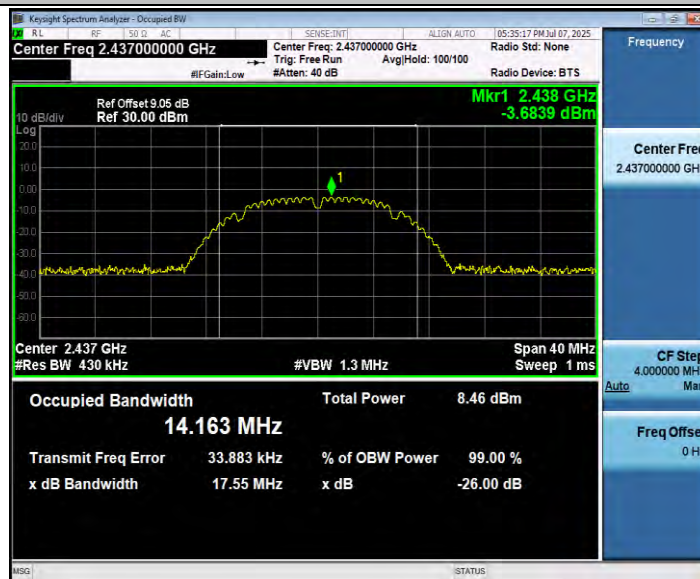
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.202	2404.8953	2419.0973	---	---
		2437	14.163	2429.9524	2444.1154	---	---
		2462	14.149	2454.9297	2469.0787	---	---
11G	Ant1	2412	16.393	2403.8179	2420.2109	---	---
		2437	16.387	2428.8236	2445.2106	---	---
		2462	16.392	2453.8094	2470.2014	---	---
11N20SISO	Ant1	2412	17.492	2403.2770	2420.7690	---	---
		2437	17.449	2428.2750	2445.7240	---	---
		2462	17.474	2453.2616	2470.7356	---	---
11N40SISO	Ant1	2422	36.020	2404.0835	2440.1035	---	---
		2437	36.044	2419.0198	2455.0638	---	---
		2452	36.054	2433.9935	2470.0475	---	---
11AX20SISO	Ant1	2412	18.774	2402.6206	2421.3946	---	---
		2437	18.713	2427.6722	2446.3852	---	---
		2462	18.747	2452.6515	2471.3985	---	---
11AX40SISO	Ant1	2422	37.802	2403.2035	2441.0055	---	---
		2437	37.714	2418.2283	2455.9423	---	---
		2452	37.750	2433.1519	2470.9019	---	---

Test Graphs

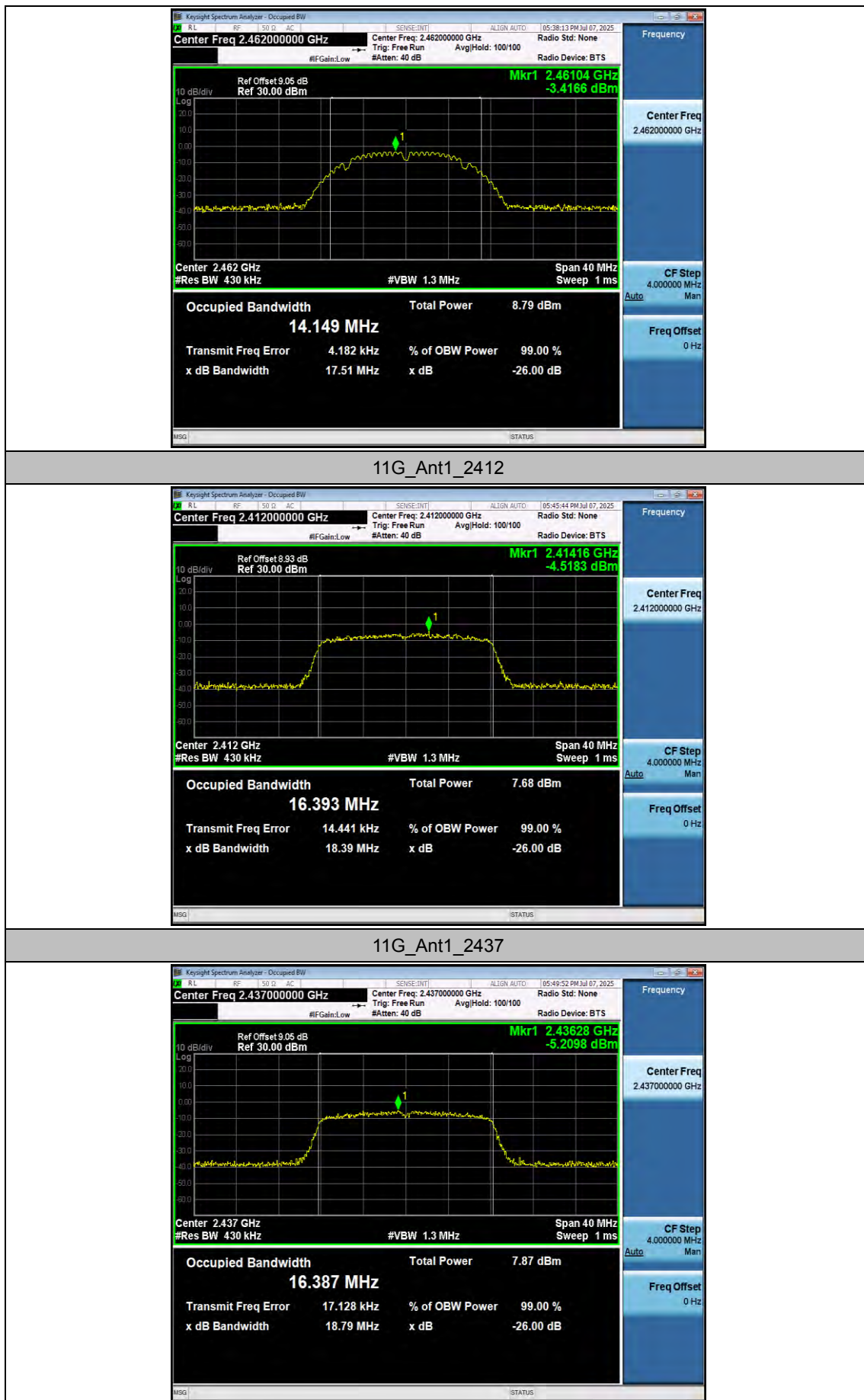
11B_Ant1_2412



11B_Ant1_2437



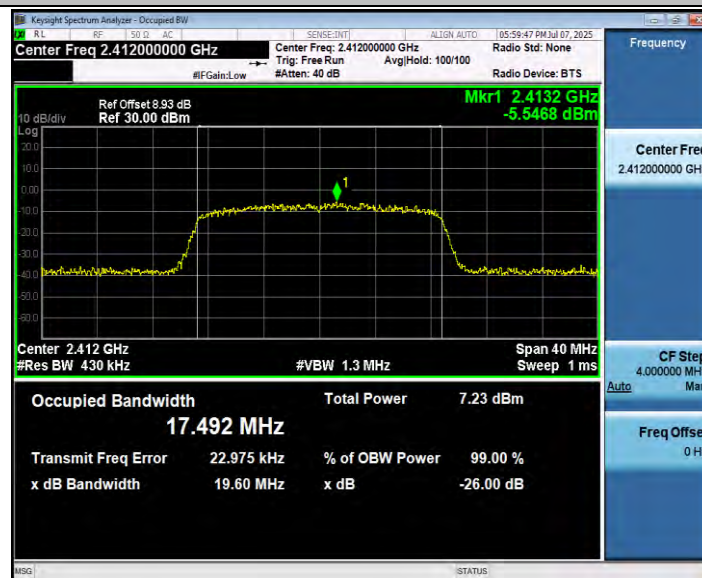
11B_Ant1_2462



11G_Ant1_2462



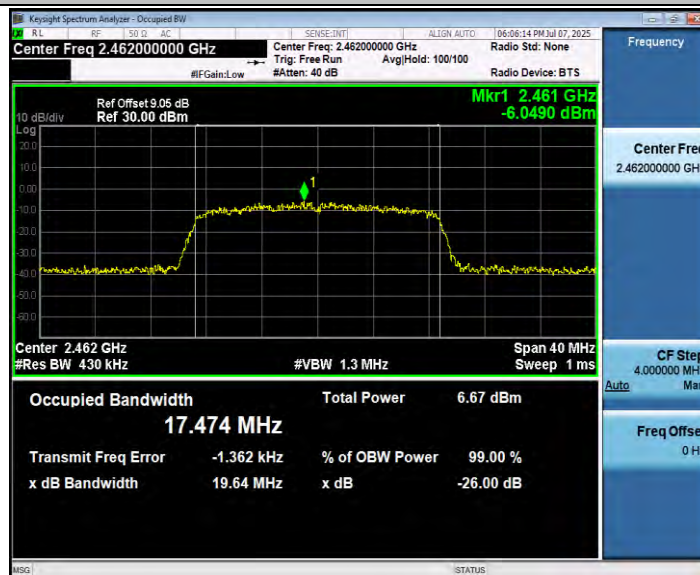
11N20SISO_Ant1_2412



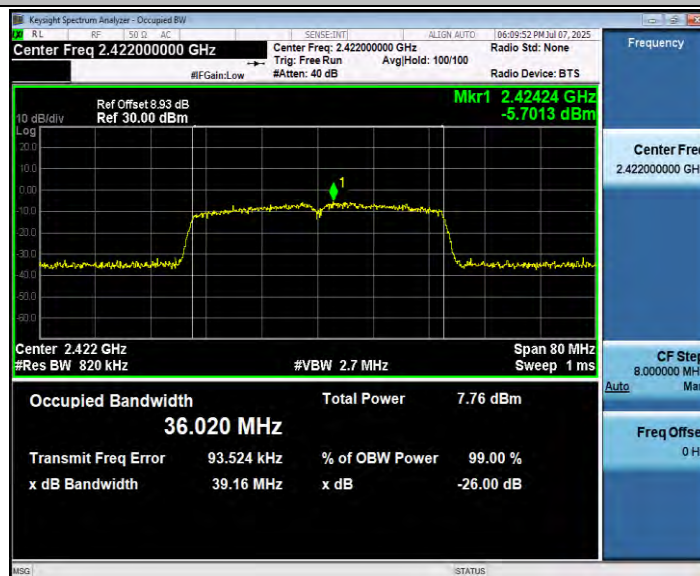
11N20SISO_Ant1_2437



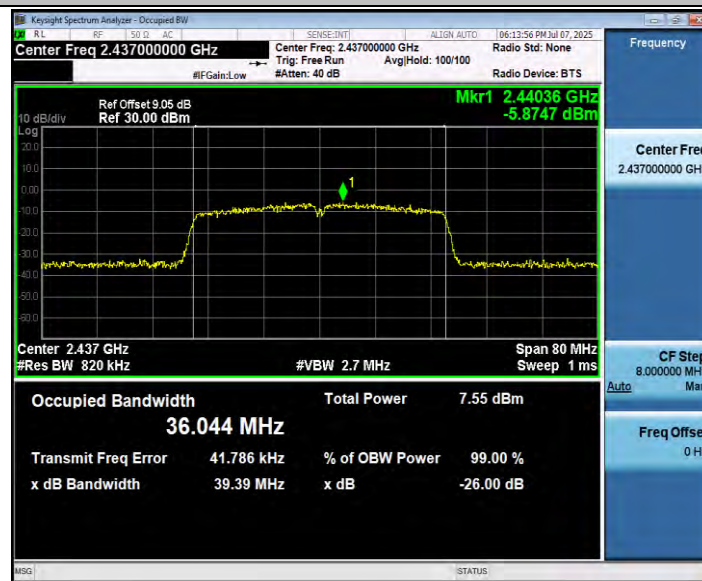
11N20SISO_Ant1_2462



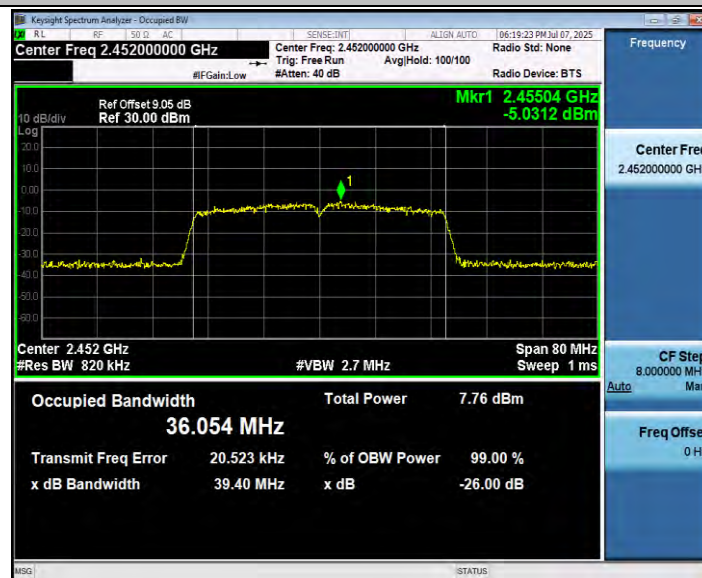
11N40SISO_Ant1_2422



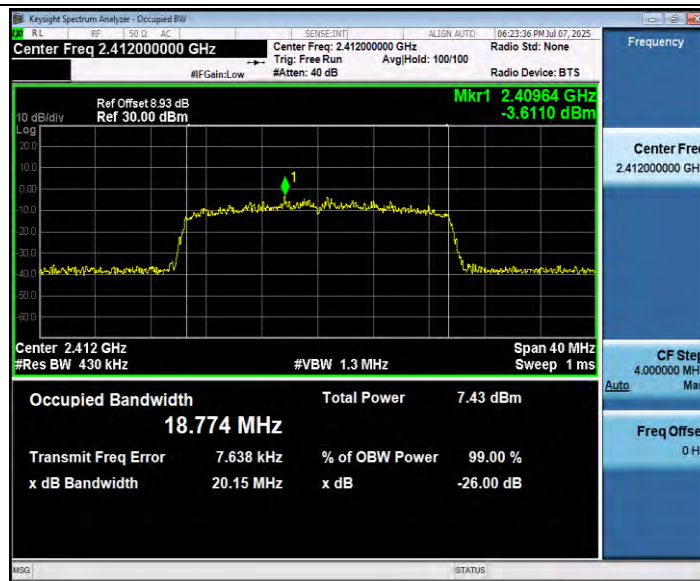
11N40SISO_Ant1_2437



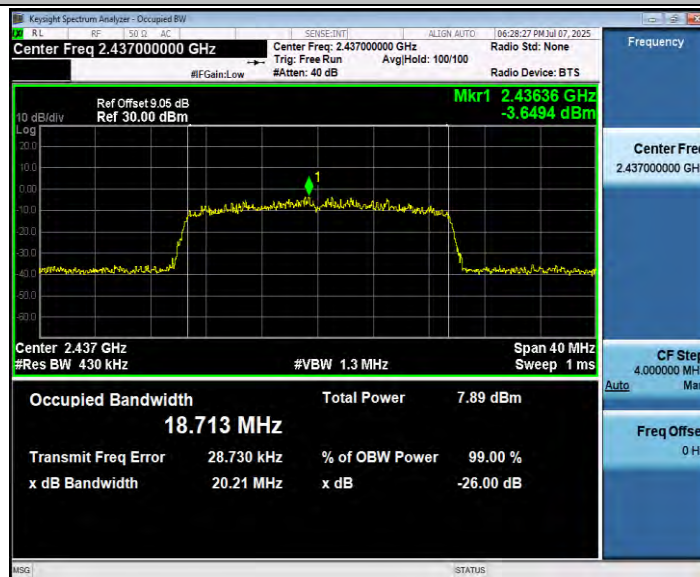
11N40SISO_Ant1_2452



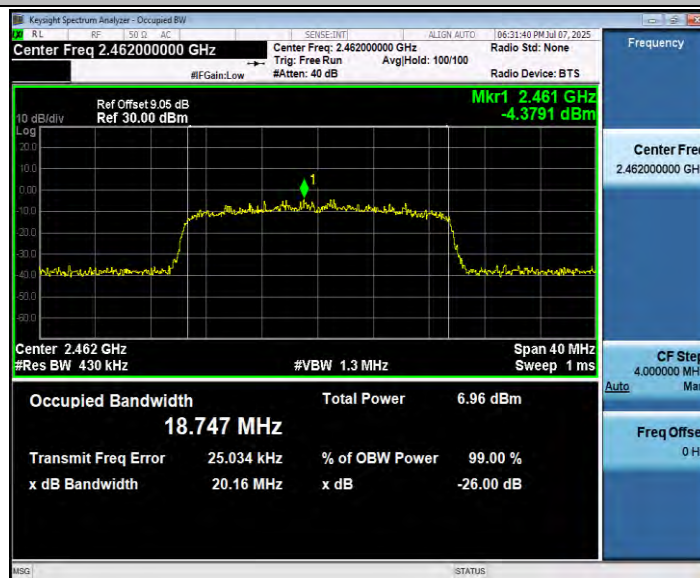
11AX20SISO_Ant1_2412



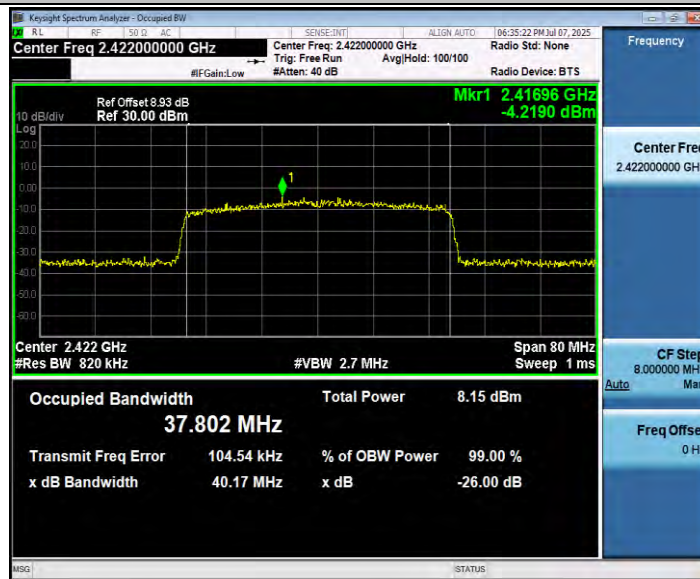
11AX20SISO_Ant1_2437



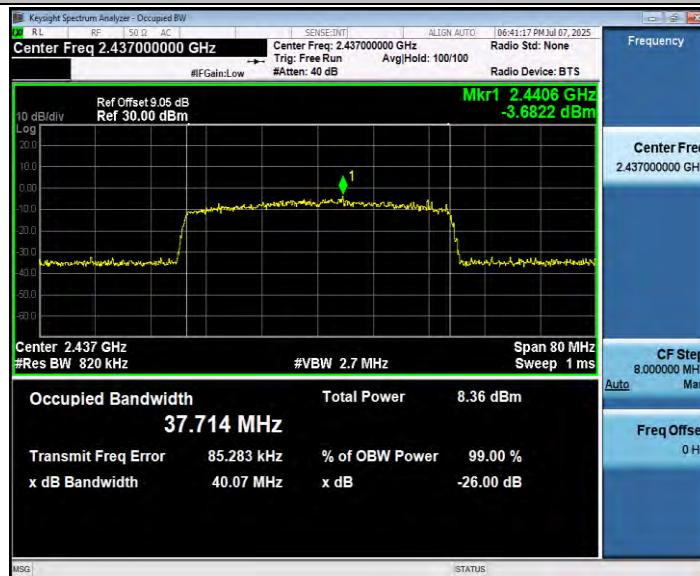
11AX20SISO_Ant1_2462



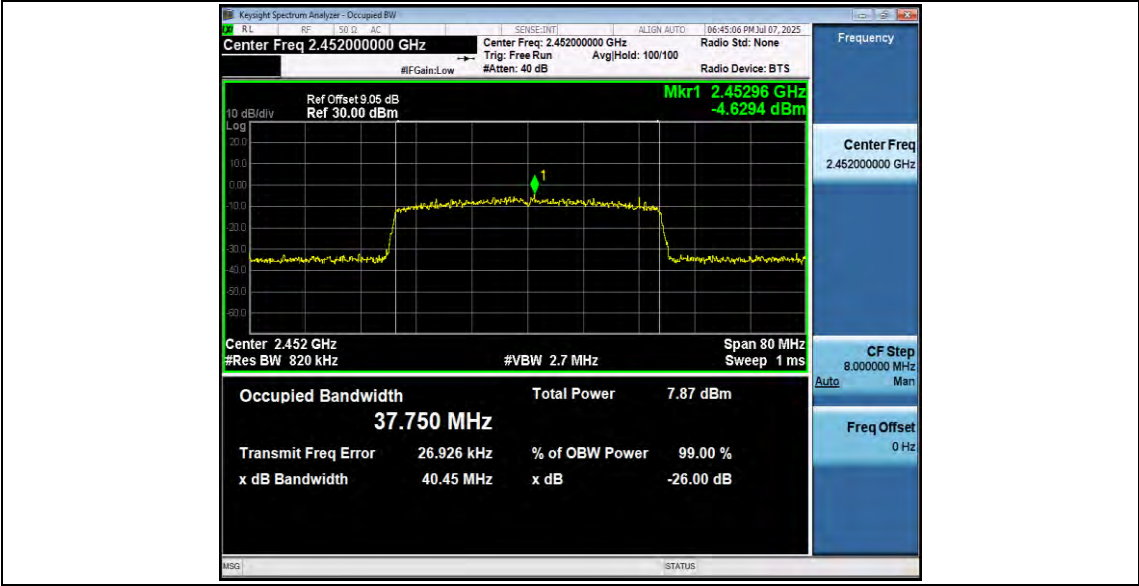
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	7.55	≤30.00	PASS
		2437	8.52	≤30.00	PASS
		2462	8.85	≤30.00	PASS
11G	Ant1	2412	8.96	≤30.00	PASS
		2437	8.15	≤30.00	PASS
		2462	8.20	≤30.00	PASS
11N20SISO	Ant1	2412	8.37	≤30.00	PASS
		2437	8.79	≤30.00	PASS
		2462	7.79	≤30.00	PASS
11N40SISO	Ant1	2422	8.02	≤30.00	PASS
		2437	7.80	≤30.00	PASS
		2452	7.97	≤30.00	PASS
11AX20SISO	Ant1	2412	8.61	≤30.00	PASS
		2437	8.11	≤30.00	PASS
		2462	8.17	≤30.00	PASS
11AX40SISO	Ant1	2422	8.21	≤30.00	PASS
		2437	8.45	≤30.00	PASS
		2452	8.01	≤30.00	PASS

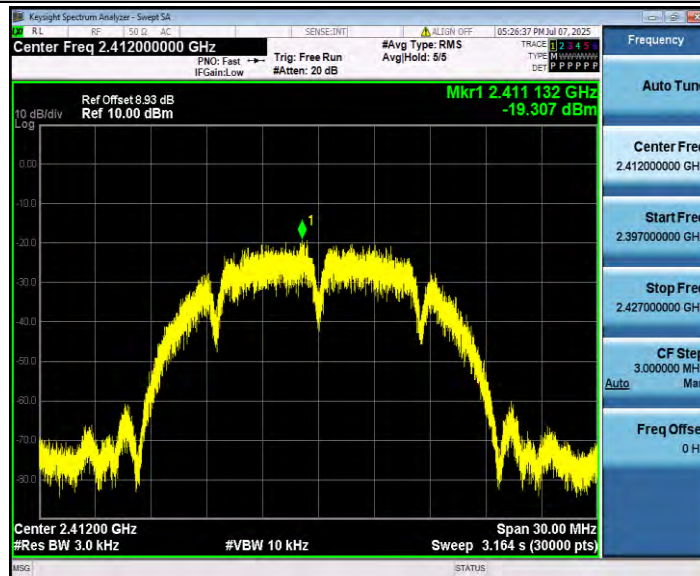
Appendix C.4: Maximum power spectral density

Test Result

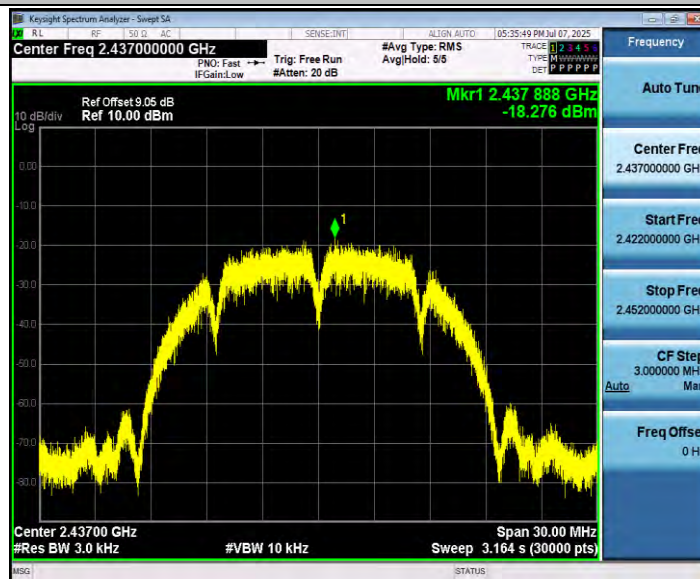
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-19.31	≤8.00	PASS
		2437	-18.28	≤8.00	PASS
		2462	-17.64	≤8.00	PASS
11G	Ant1	2412	-24.90	≤8.00	PASS
		2437	-24.85	≤8.00	PASS
		2462	-24.89	≤8.00	PASS
11N20SISO	Ant1	2412	-25.89	≤8.00	PASS
		2437	-25.73	≤8.00	PASS
		2462	-26.83	≤8.00	PASS
11N40SISO	Ant1	2422	-28.86	≤8.00	PASS
		2437	-29.05	≤8.00	PASS
		2452	-29.35	≤8.00	PASS
11AX20SISO	Ant1	2412	-26.69	≤8.00	PASS
		2437	-26.47	≤8.00	PASS
		2462	-27.12	≤8.00	PASS
11AX40SISO	Ant1	2422	-28.73	≤8.00	PASS
		2437	-27.91	≤8.00	PASS
		2452	-28.39	≤8.00	PASS

Test Graphs

11B_Ant1_2412



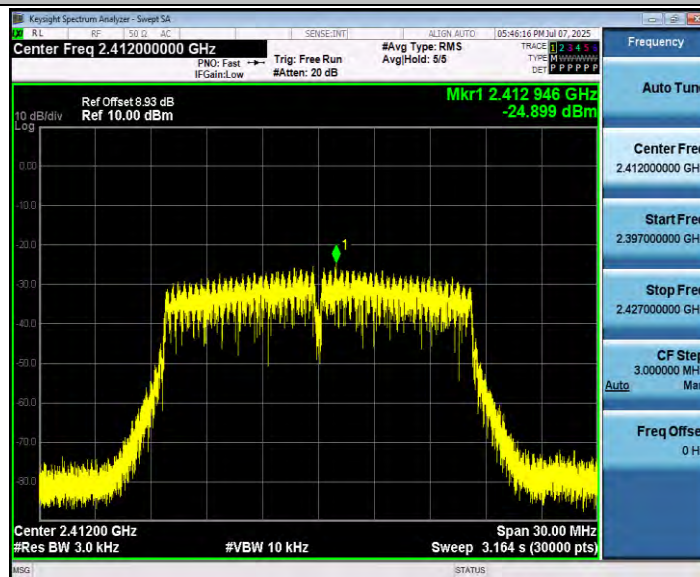
11B_Ant1_2437



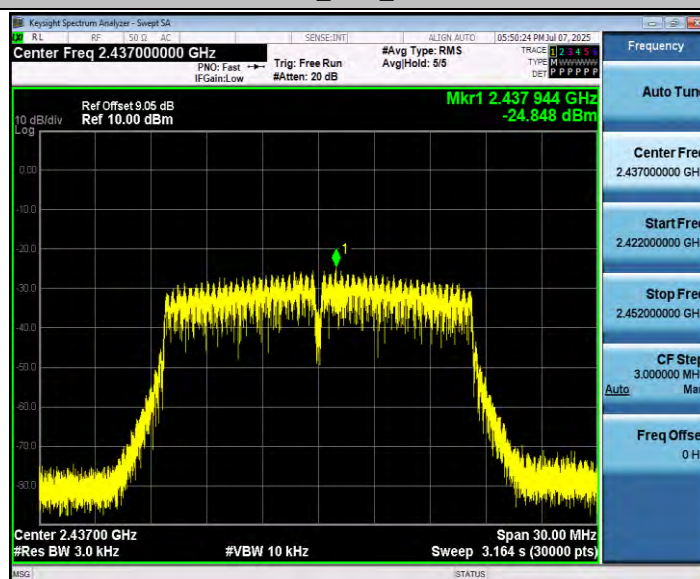
11B_Ant1_2462



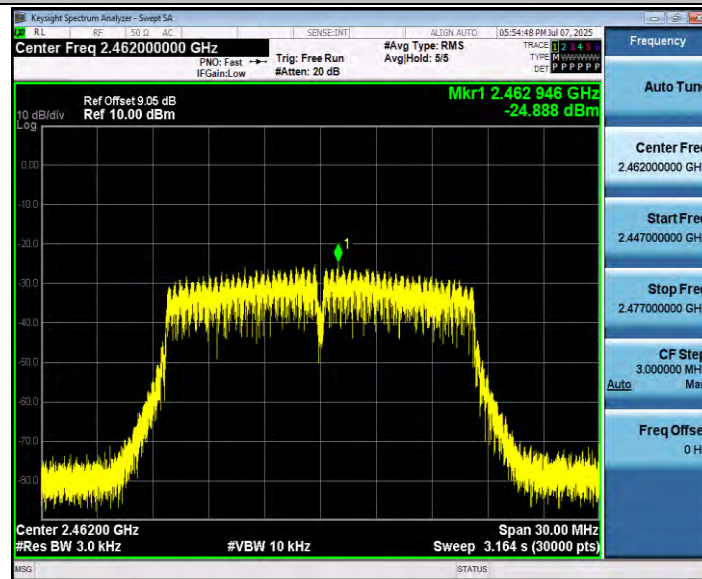
11G_Ant1_2412



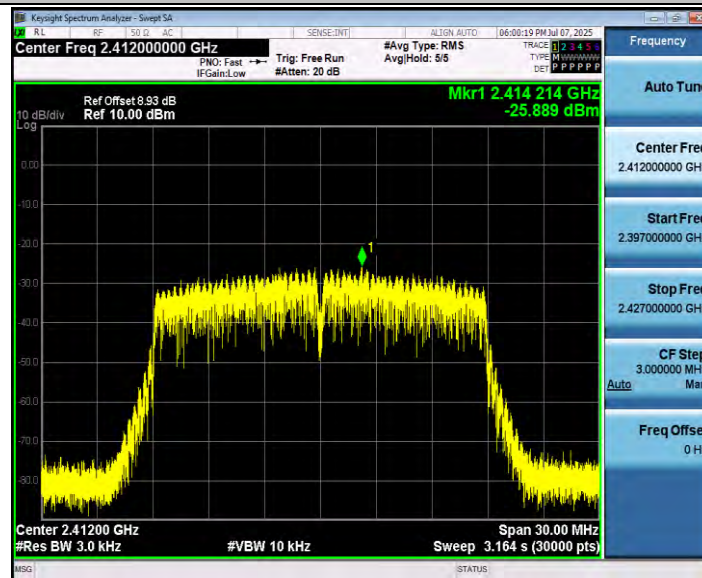
11G_Ant1_2437



11G_Ant1_2462



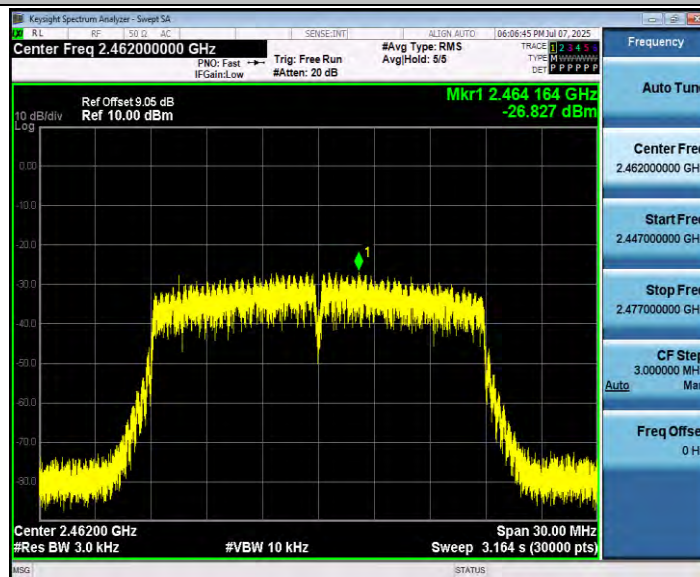
11N20SISO_Ant1_2412



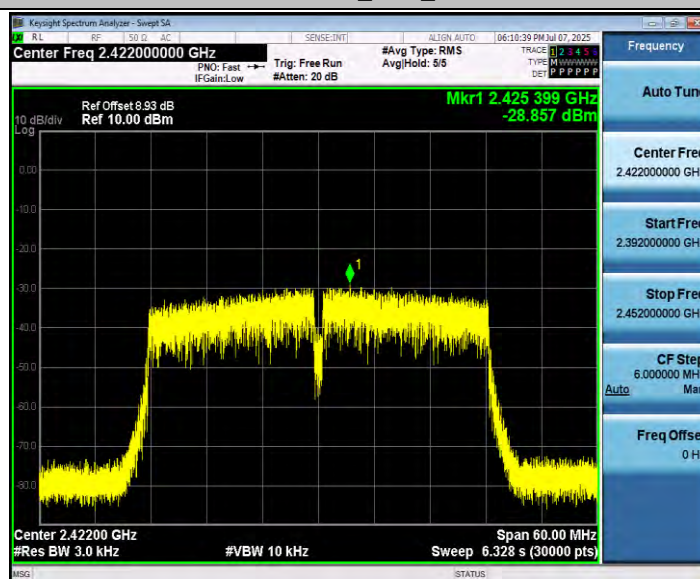
11N20SISO_Ant1_2437



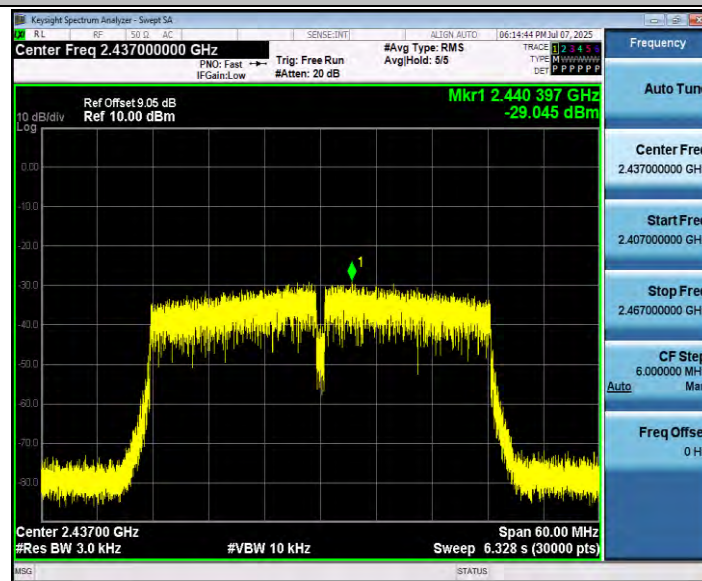
11N20SISO_Ant1_2462



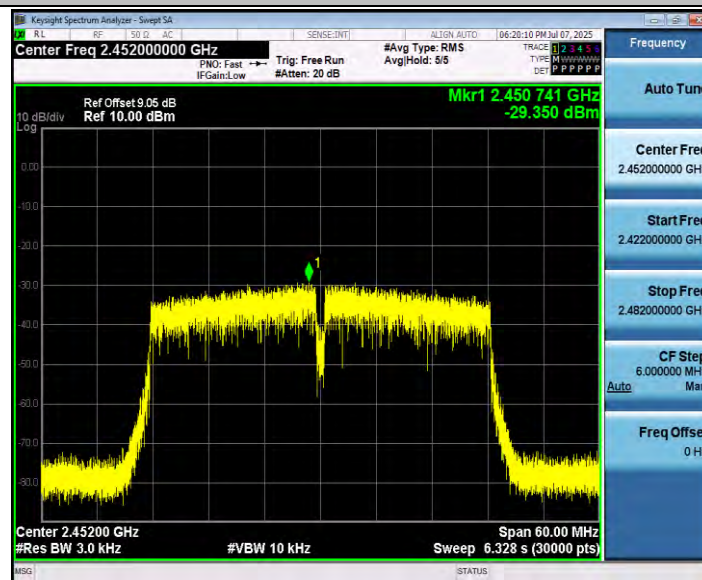
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



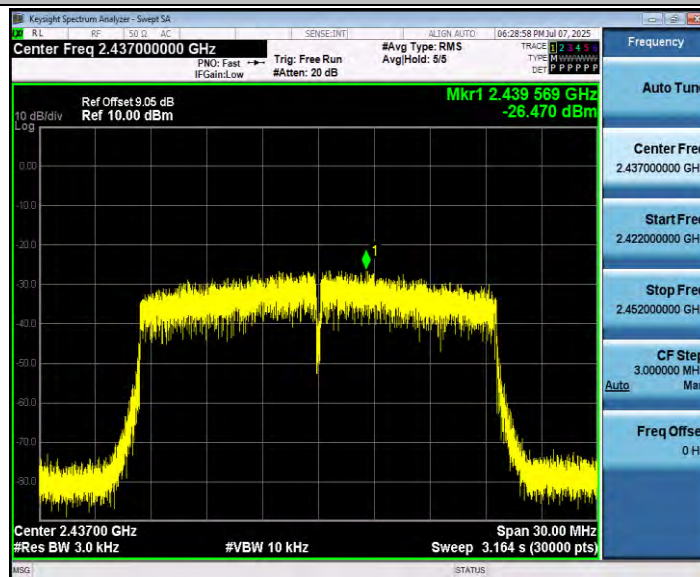
11N40SISO_Ant1_2452



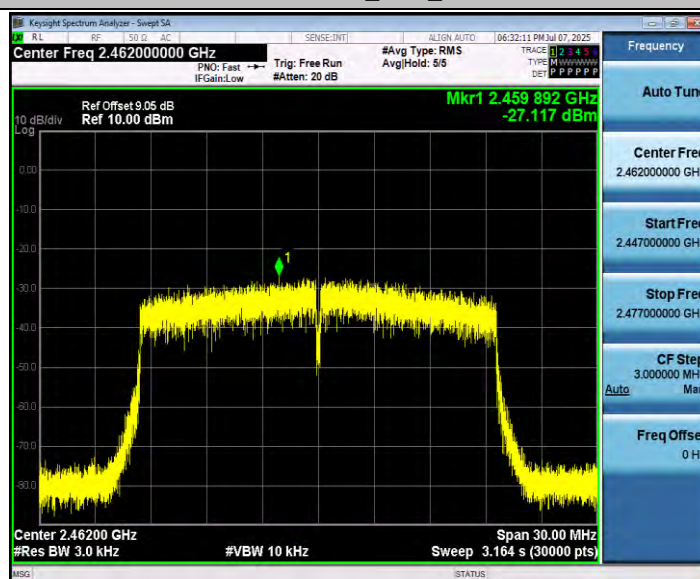
11AX20SISO_Ant1_2412



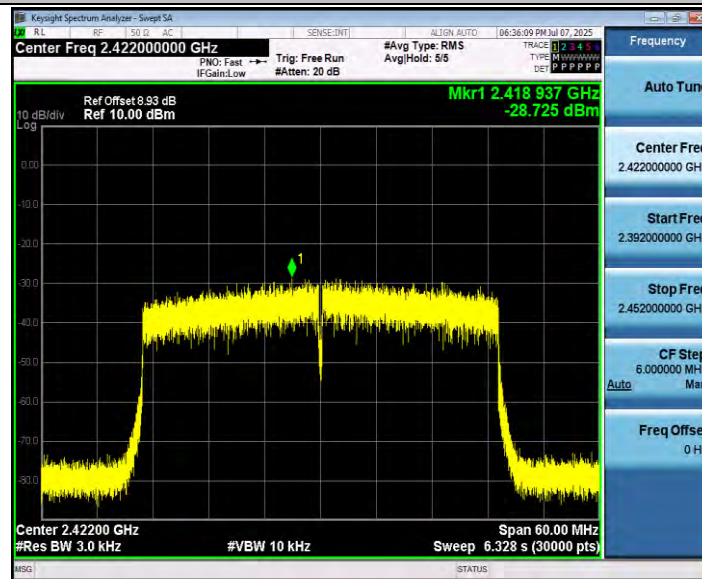
11AX20SISO_Ant1_2437



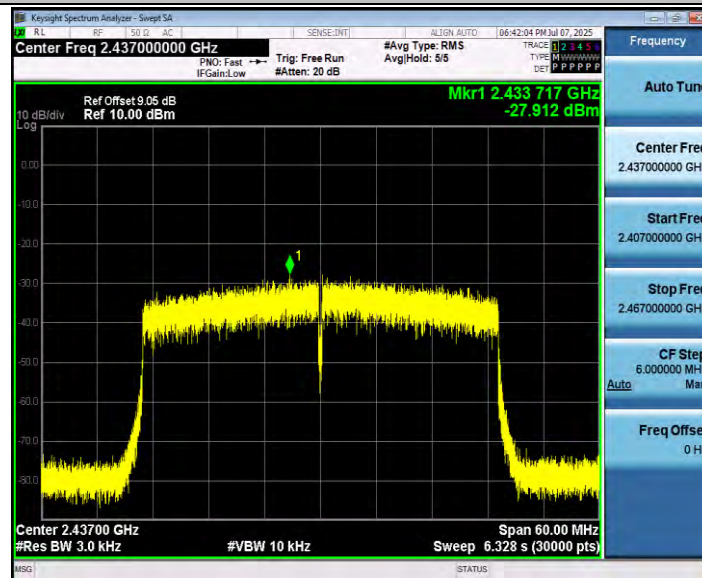
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

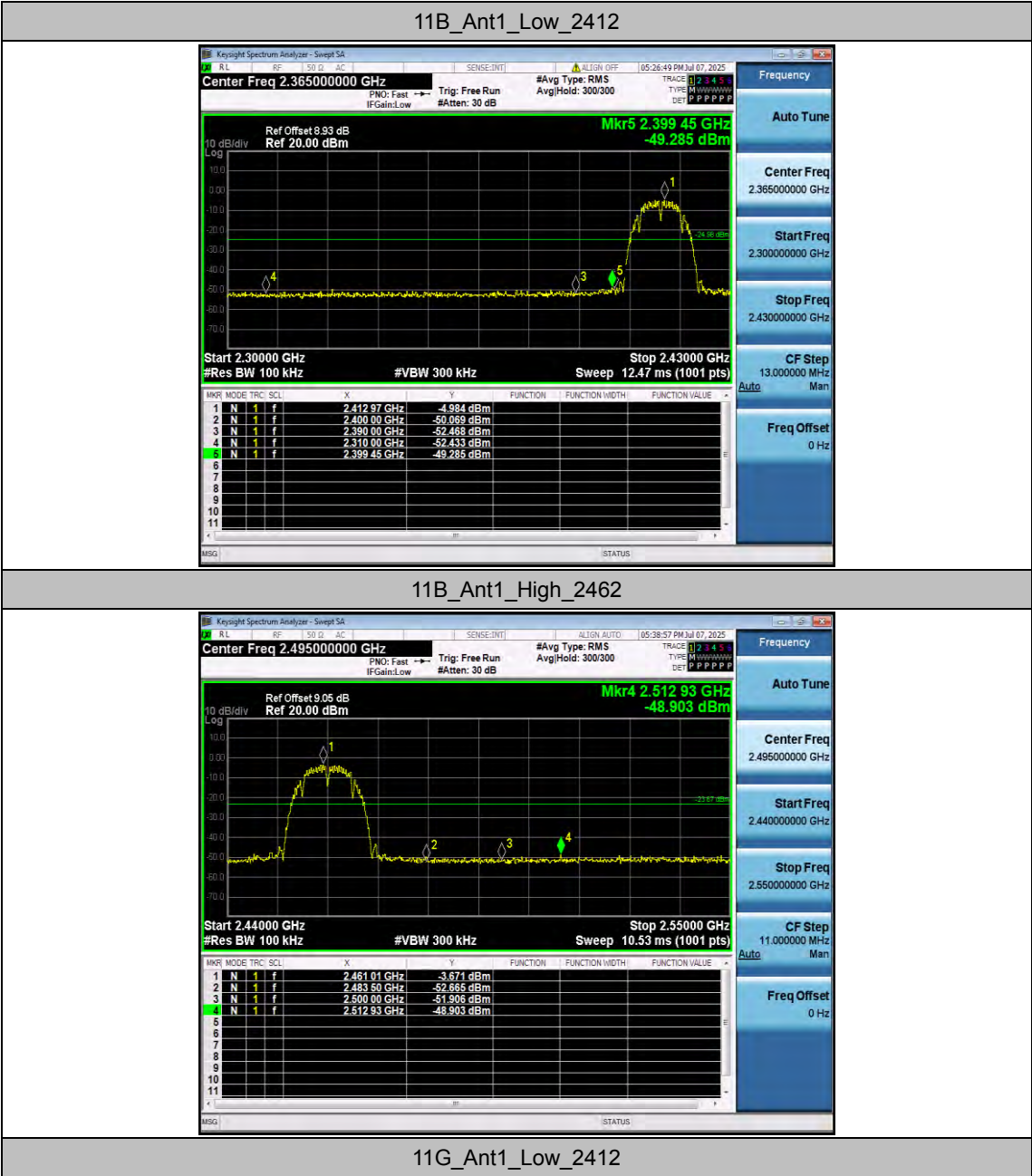


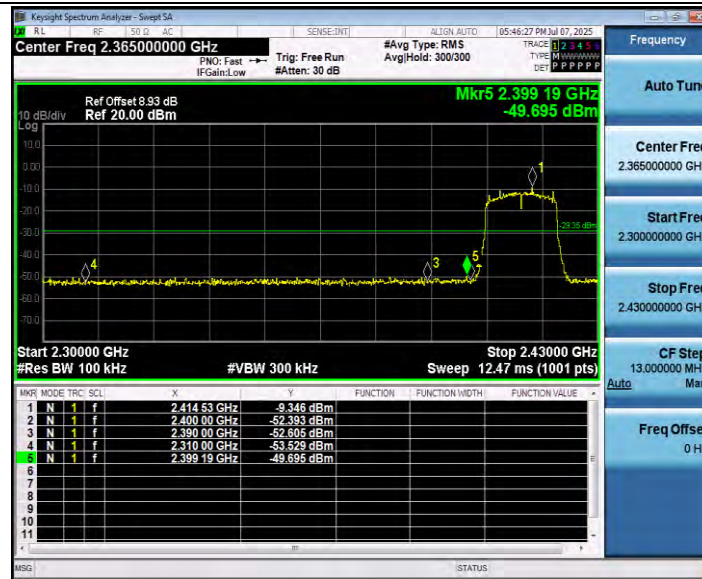
Appendix C.5: Band edge measurements

Test Result

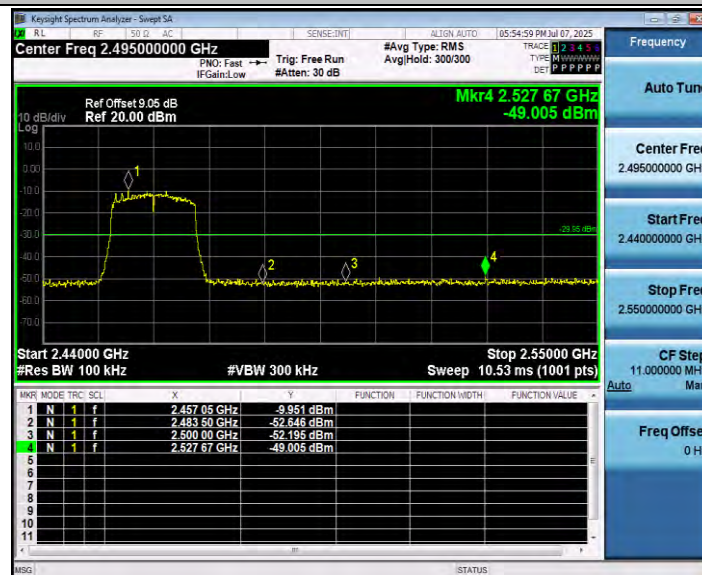
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.98	-49.29	≤ -24.98	PASS
		High	2462	-3.67	-48.9	≤ -23.67	PASS
11G	Ant1	Low	2412	-9.35	-49.7	≤ -29.35	PASS
		High	2462	-9.95	-49.01	≤ -29.95	PASS
11N20SISO	Ant1	Low	2412	-9.45	-50.13	≤ -29.45	PASS
		High	2462	-11.71	-49.01	≤ -31.71	PASS
11N40SISO	Ant1	Low	2422	-13.07	-50.49	≤ -33.07	PASS
		High	2452	-13.41	-49.44	≤ -33.41	PASS
11AX20SISO	Ant1	Low	2412	-11.65	-49.84	≤ -31.65	PASS
		High	2462	-11.02	-49.52	≤ -31.02	PASS
11AX40SISO	Ant1	Low	2422	-13.09	-49.96	≤ -33.09	PASS
		High	2452	-13.20	-49.37	≤ -33.2	PASS

Test Graphs

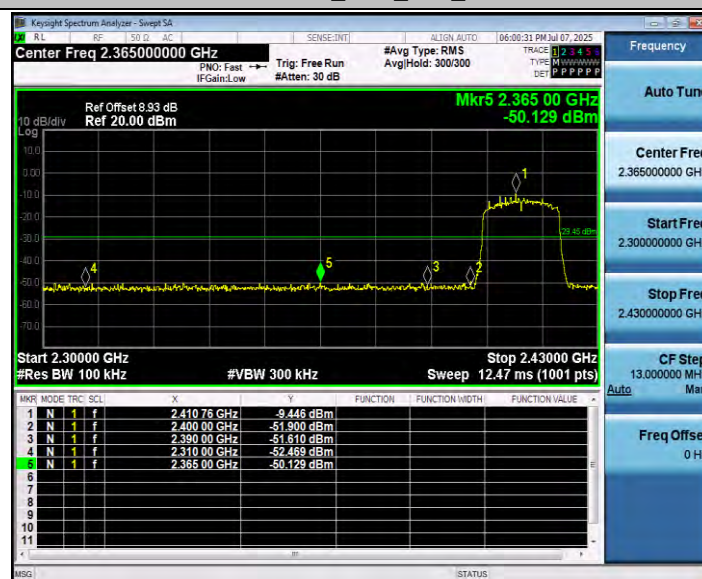




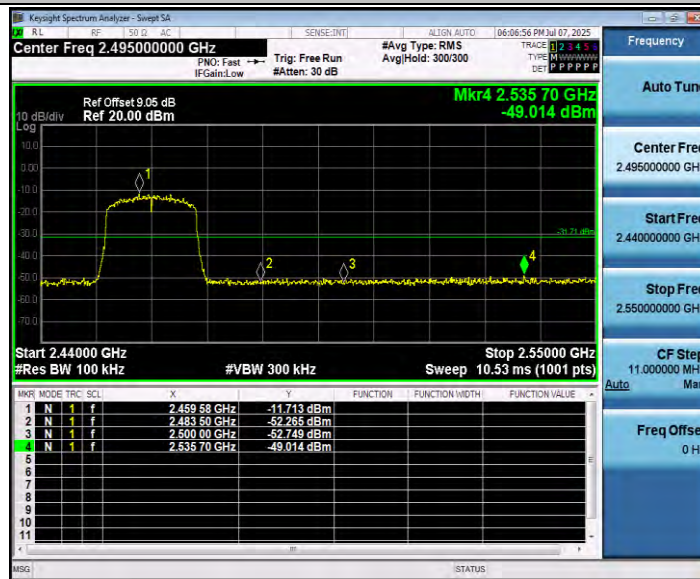
11G_Ant1_High_2462



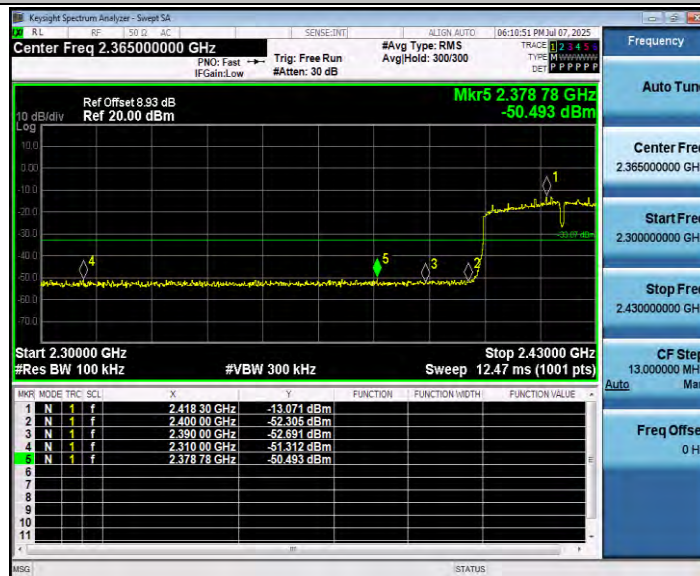
11N20SISO_Ant1_Low_2412



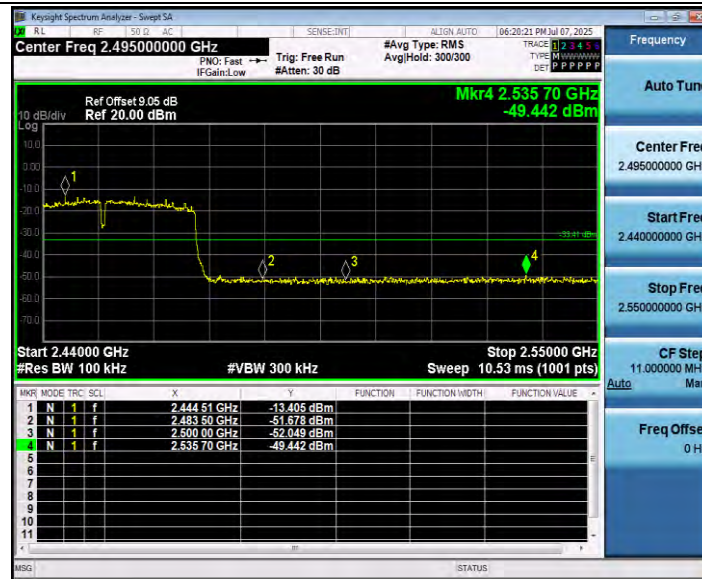
11N20SISO_Ant1_High_2462



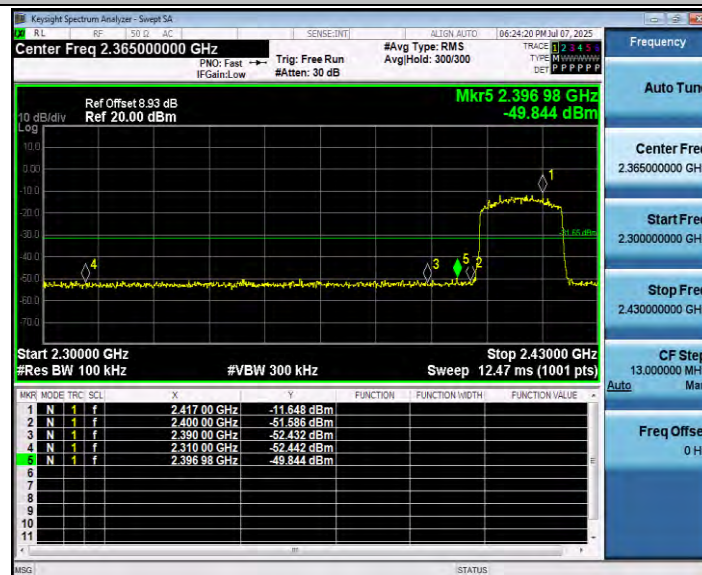
11N40SISO_Ant1_Low_2422



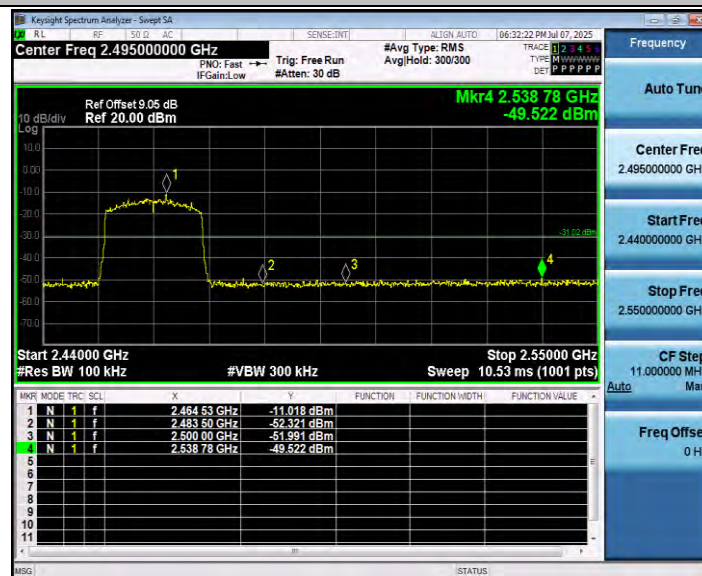
11N40SISO_Ant1_High_2452



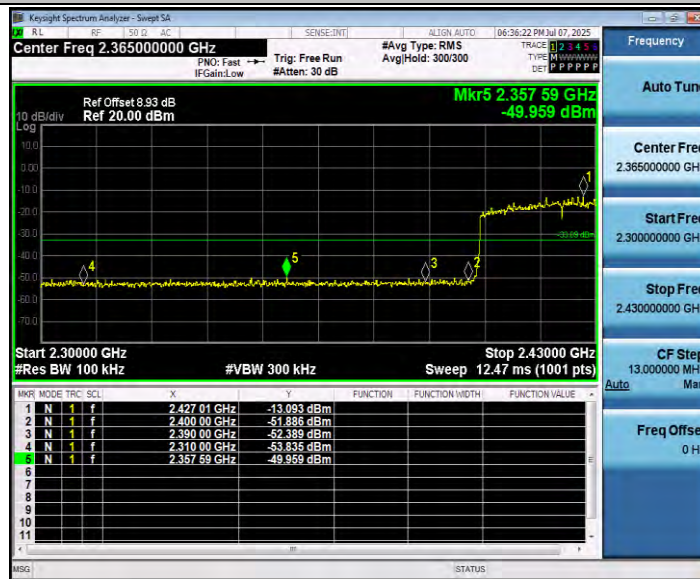
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

