

Case No. : <u>GTS20251018009-1-04</u>
Ambient Condition: <u>24 °C, 49%RH,</u>
Test Date: <u>2026.1.08-2026.3.19</u> Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

Test Result

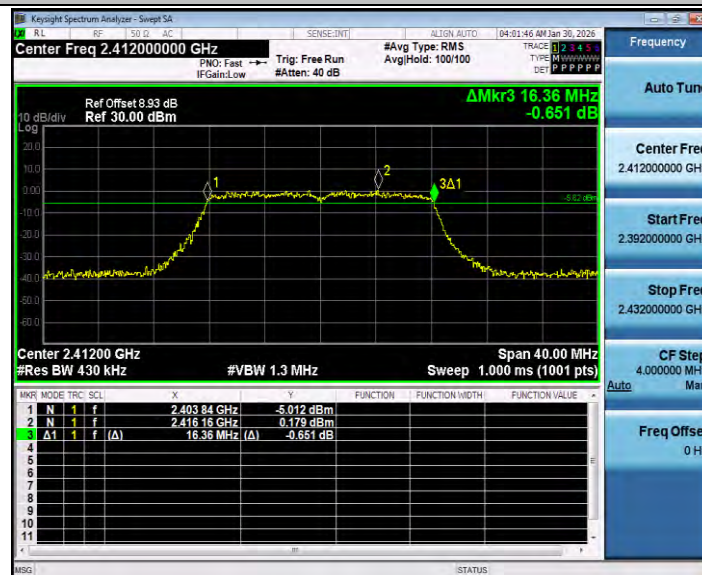
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.240	2407.880	2416.120	0.5	PASS
		2437	8.240	2432.880	2441.120	0.5	PASS
		2462	8.240	2457.880	2466.120	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.480	2403.240	2420.720	0.5	PASS
		2437	17.360	2428.240	2445.600	0.5	PASS
		2462	17.360	2453.280	2470.640	0.5	PASS
11N40SISO	Ant1	2422	35.760	2404.240	2440.000	0.5	PASS
		2437	36.000	2419.000	2455.000	0.5	PASS
		2452	36.080	2433.920	2470.000	0.5	PASS
11AX20SISO	Ant1	2412	18.920	2402.560	2421.480	0.5	PASS
		2437	18.760	2427.560	2446.320	0.5	PASS
		2462	18.920	2452.560	2471.480	0.5	PASS
11AX40SISO	Ant1	2422	37.760	2403.120	2440.880	0.5	PASS
		2437	37.040	2418.520	2455.560	0.5	PASS
		2452	36.960	2433.360	2470.320	0.5	PASS

Test Graphs





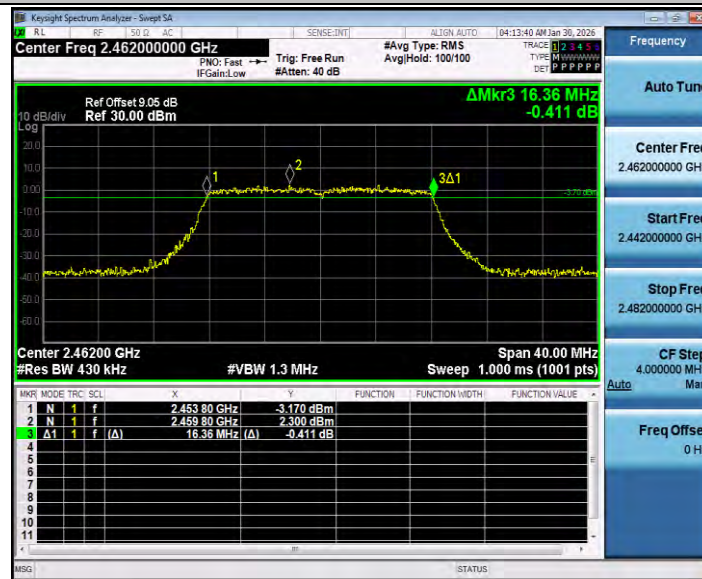
11G_Ant1_2412



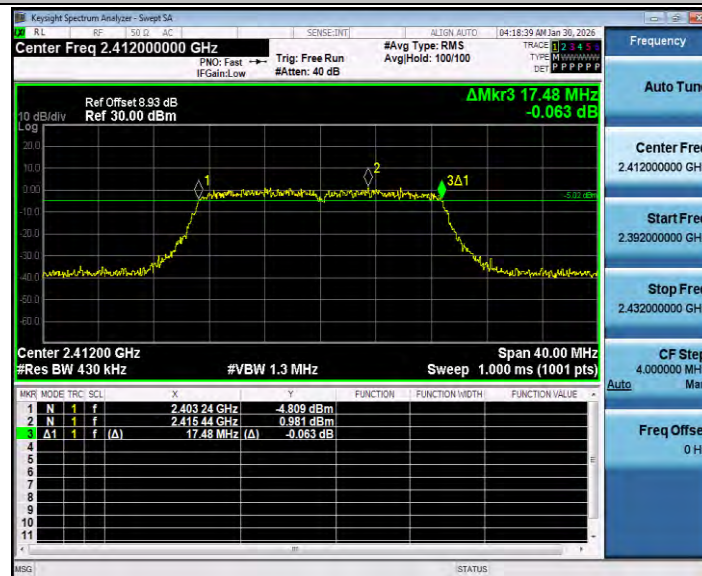
11G_Ant1_2437



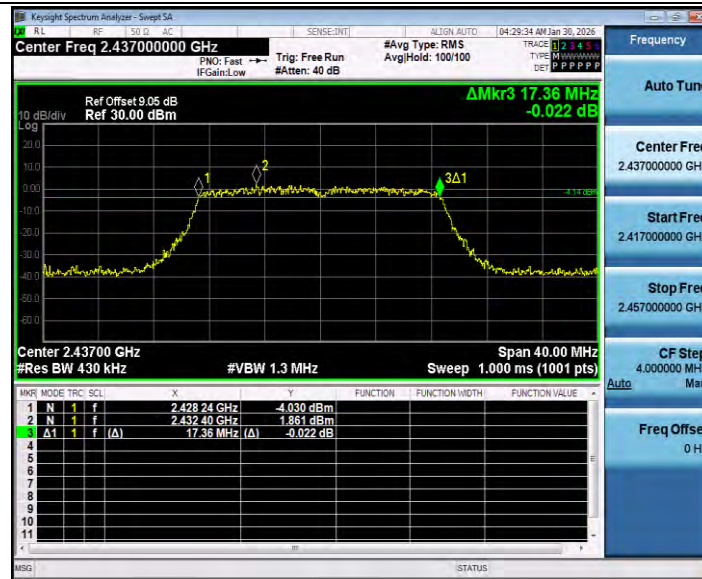
11G_Ant1_2462



11N20SISO_Ant1_2412



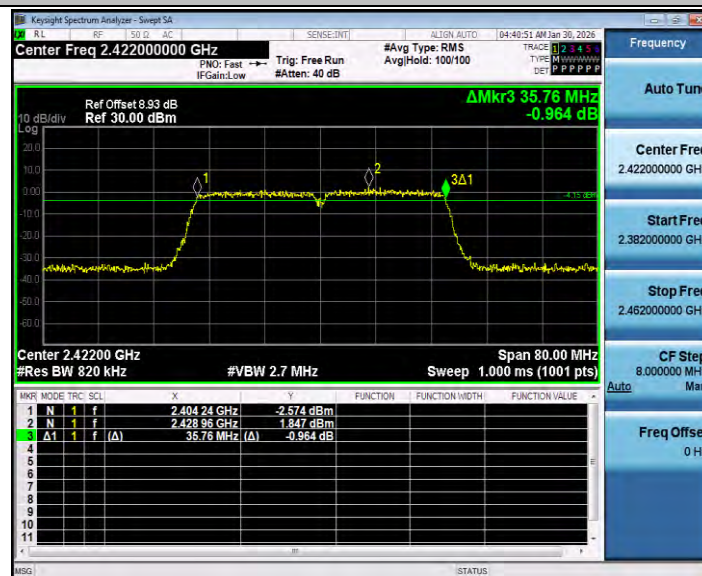
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



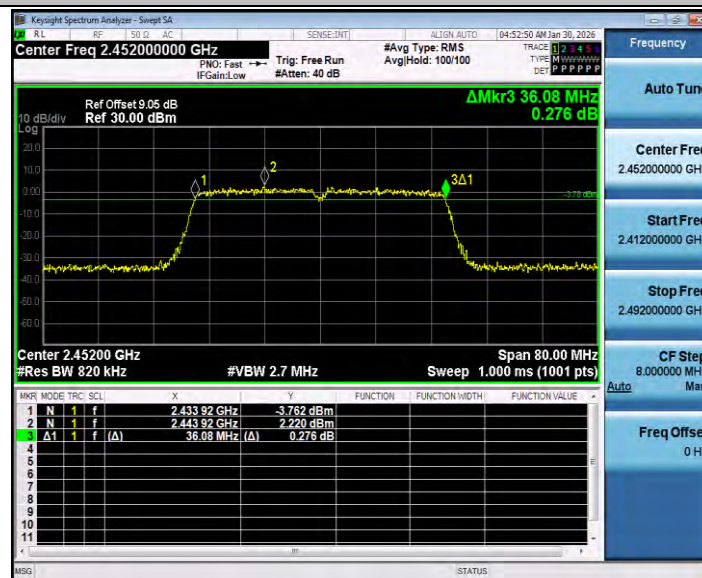
11N40SISO_Ant1_2422



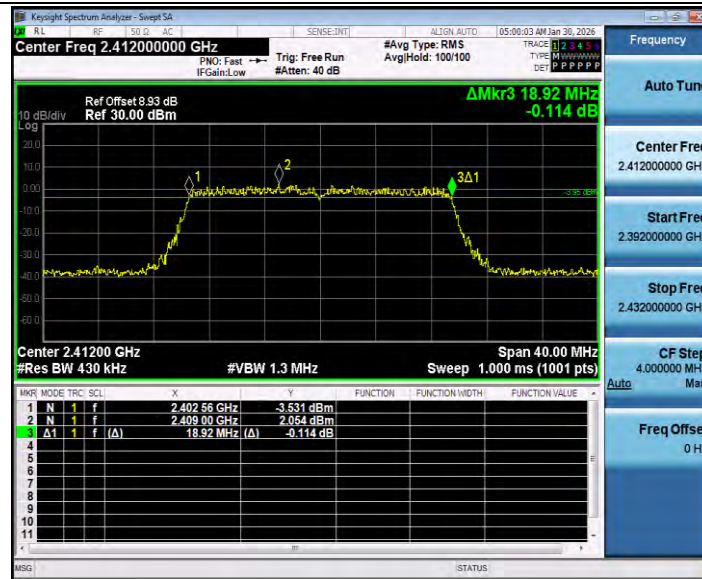
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



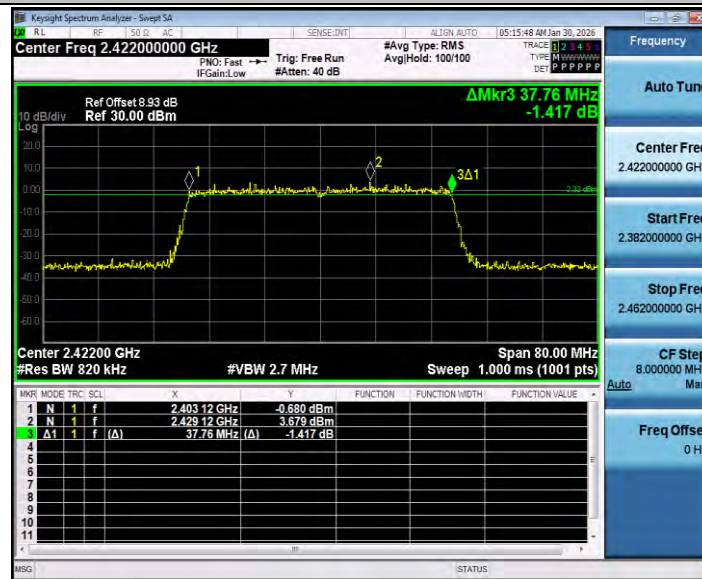
11AX20SISO_Ant1_2437



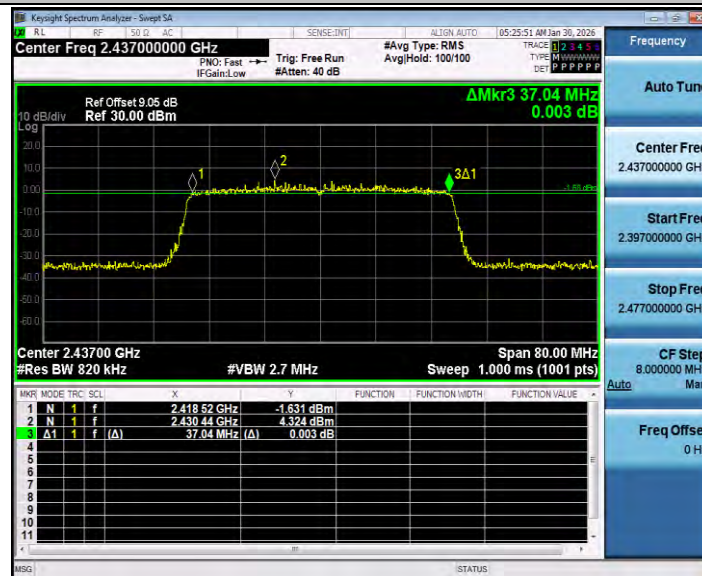
11AX20SISO_Ant1_2462



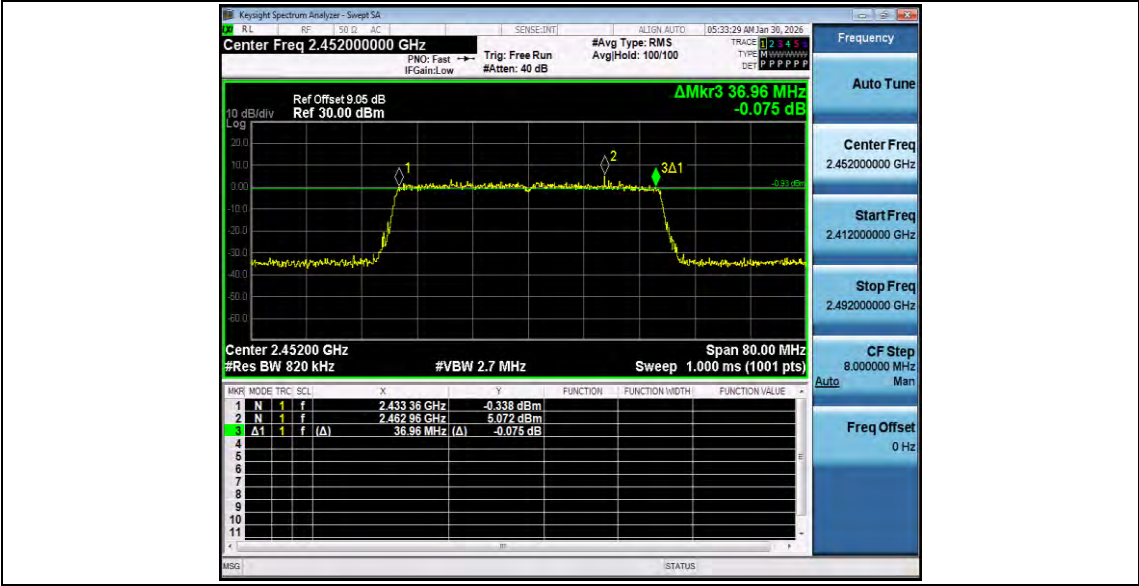
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixC.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.384	2405.2765	2418.6605	---	---
		2437	13.270	2430.3557	2443.6257	---	---
		2462	13.279	2455.3144	2468.5934	---	---
11G	Ant1	2412	16.593	2403.6694	2420.2624	---	---
		2437	16.568	2428.7013	2445.2693	---	---
		2462	16.578	2453.6694	2470.2474	---	---
11N20SISO	Ant1	2412	17.732	2403.1126	2420.8446	---	---
		2437	17.701	2428.1667	2445.8677	---	---
		2462	17.693	2453.1396	2470.8326	---	---
11N40SISO	Ant1	2422	36.193	2403.9612	2440.1542	---	---
		2437	36.222	2418.9253	2455.1473	---	---
		2452	36.143	2433.9094	2470.0524	---	---
11AX20SISO	Ant1	2412	19.013	2402.4860	2421.4990	---	---
		2437	19.000	2427.4931	2446.4931	---	---
		2462	18.958	2452.5117	2471.4697	---	---
11AX40SISO	Ant1	2422	37.881	2403.0761	2440.9571	---	---
		2437	37.779	2418.1426	2455.9216	---	---
		2452	37.879	2433.0170	2470.8960	---	---

Test Graphs

11B_Ant1_2412



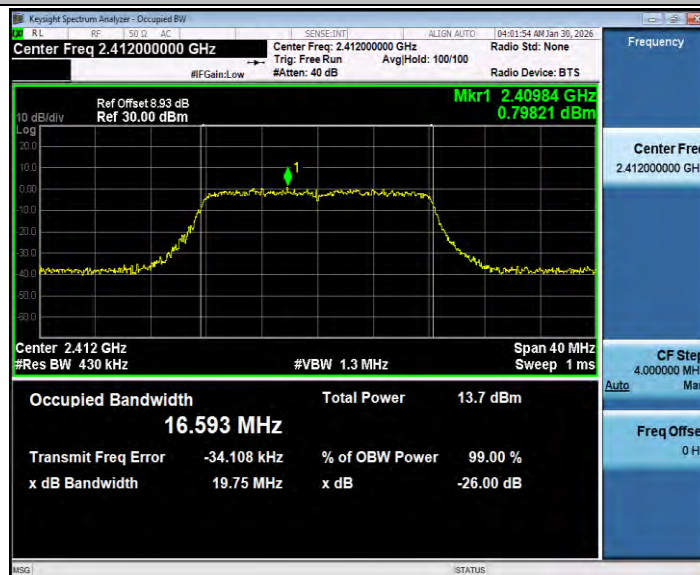
11B_Ant1_2437



11B_Ant1_2462



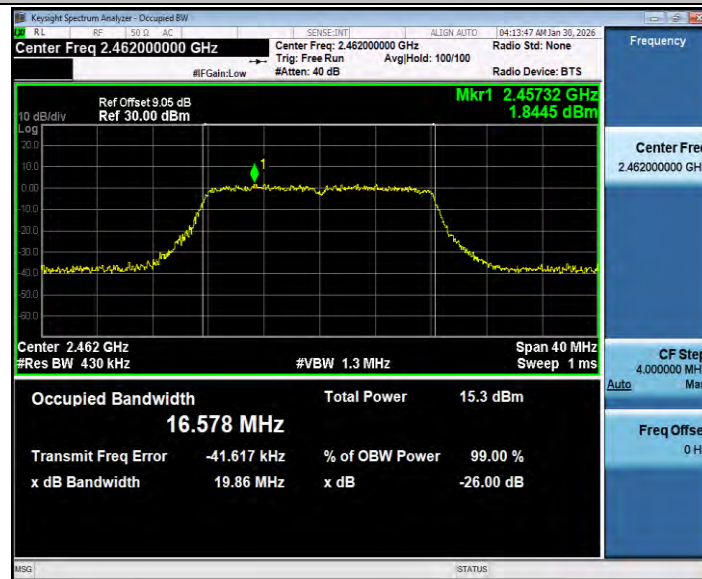
11G_Ant1_2412



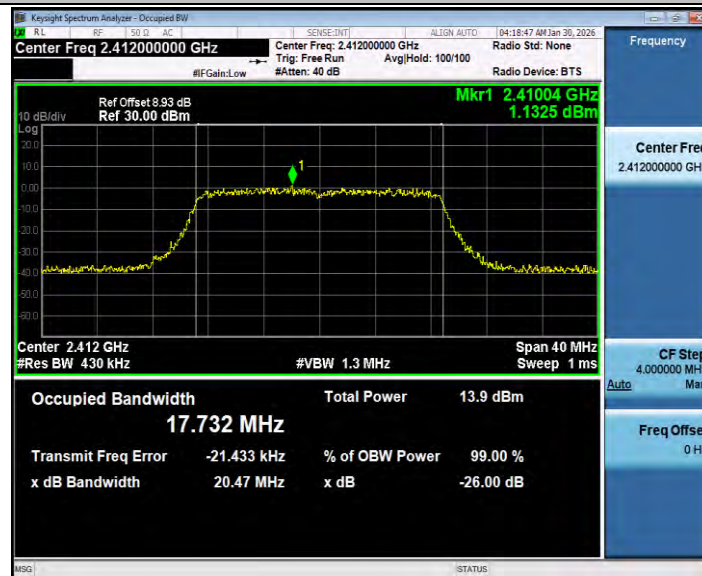
11G_Ant1_2437



11G_Ant1_2462



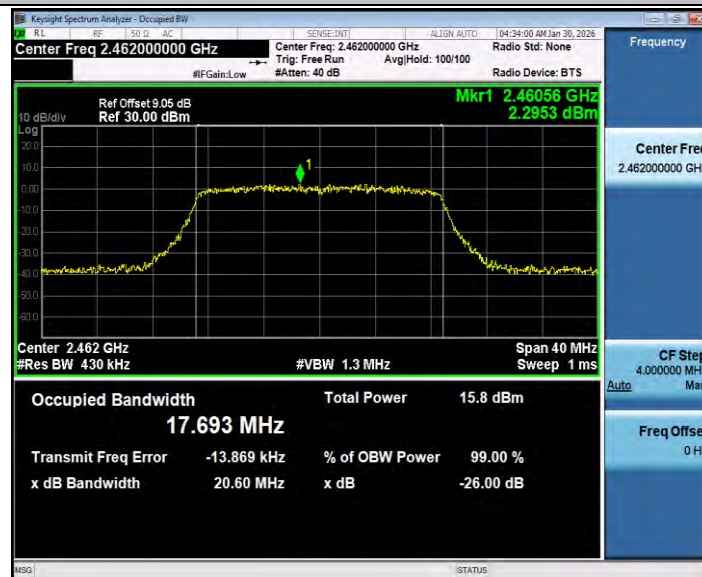
11N20SISO_Ant1_2412



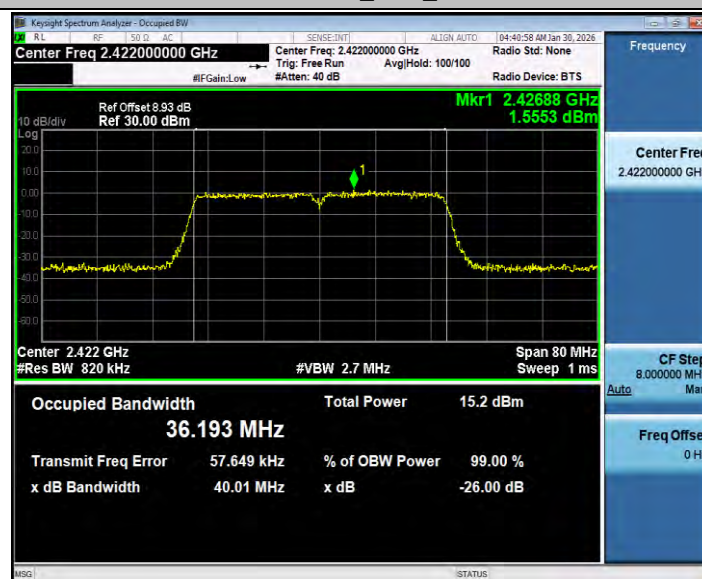
11N20SISO_Ant1_2437



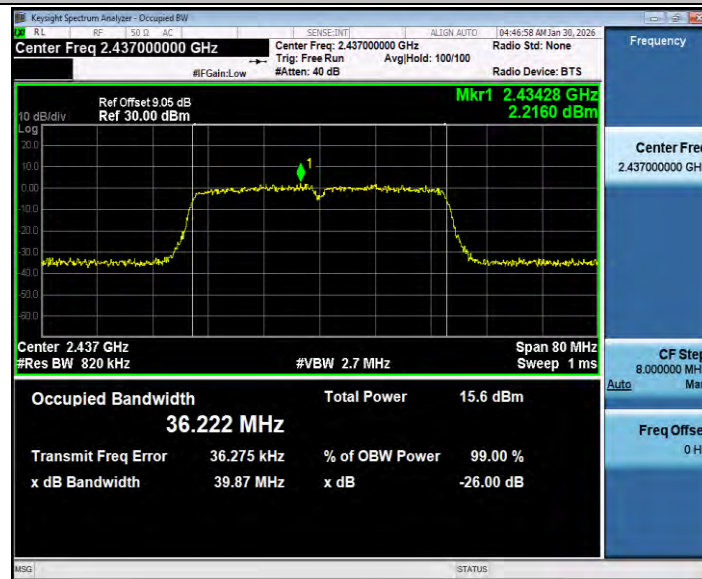
11N20SISO_Ant1_2462



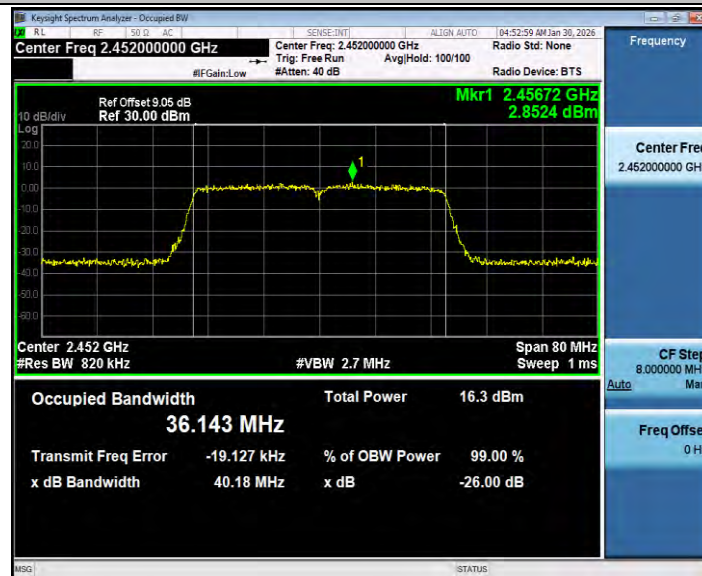
11N40SISO_Ant1_2422



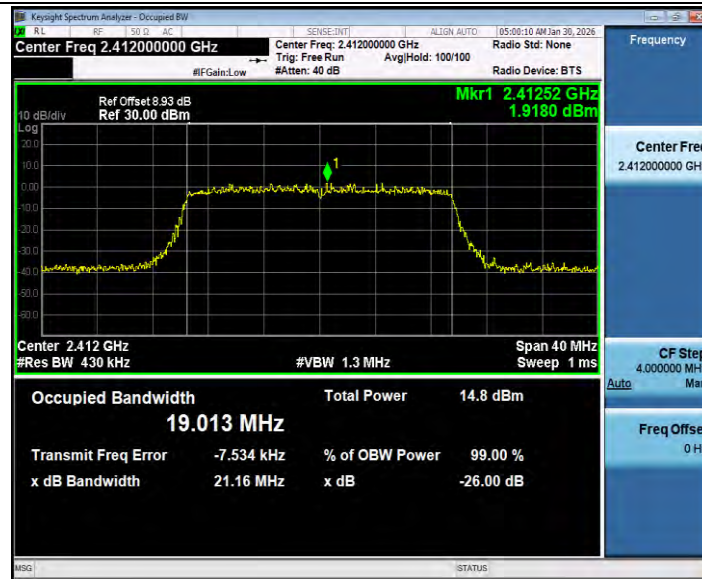
11N40SISO_Ant1_2437



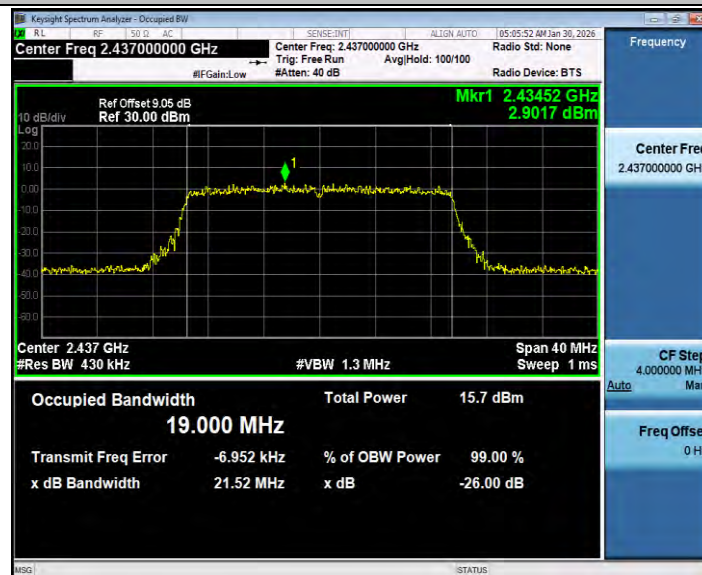
11N40SISO_Ant1_2452



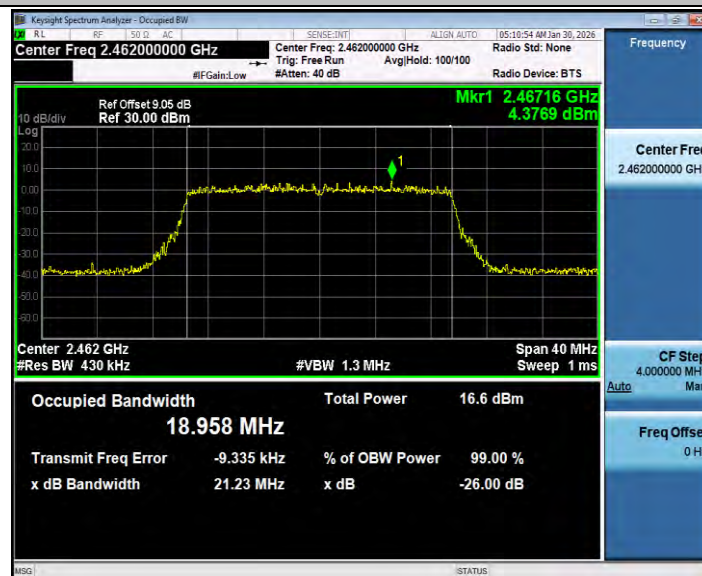
11AX20SISO_Ant1_2412



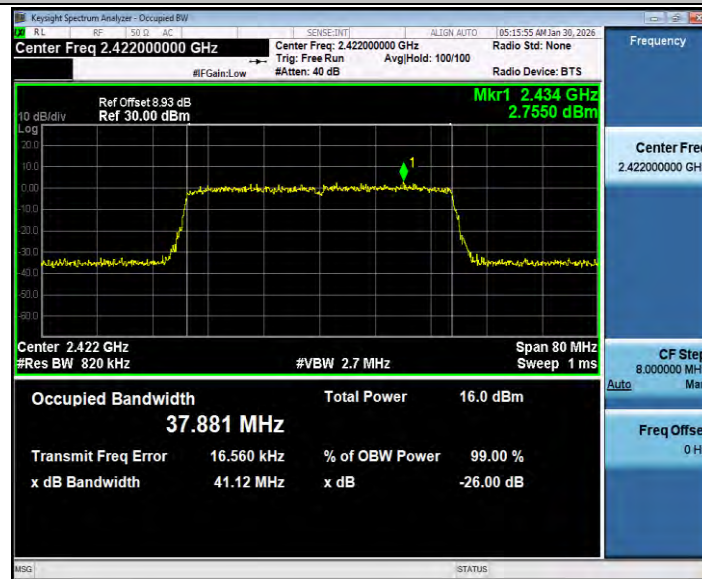
11AX20SISO_Ant1_2437



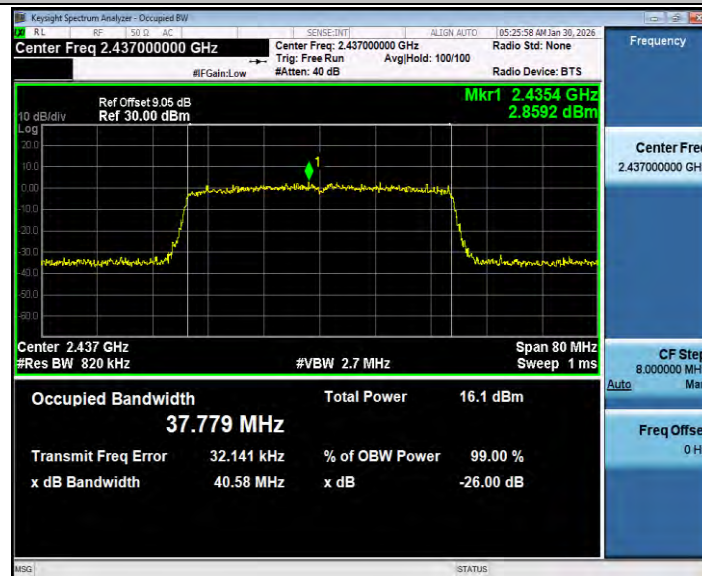
11AX20SISO_Ant1_2462



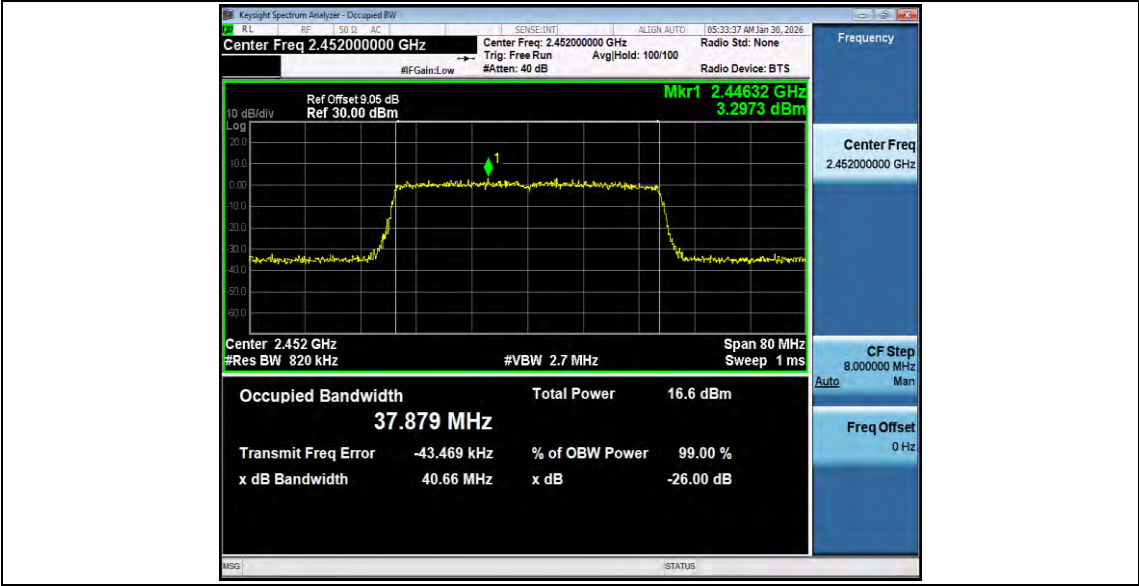
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixC.3: Maximum conducted output power

Test Result -CHP

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	10.60	≤30.00	PASS
		2437	11.55	≤30.00	PASS
		2462	12.38	≤30.00	PASS
11G	Ant1	2412	14.74	≤30.00	PASS
		2437	15.54	≤30.00	PASS
		2462	16.43	≤30.00	PASS
11N20SISO	Ant1	2412	15.03	≤30.00	PASS
		2437	15.85	≤30.00	PASS
		2462	16.74	≤30.00	PASS
11N40SISO	Ant1	2422	15.44	≤30.00	PASS
		2437	15.89	≤30.00	PASS
		2452	16.48	≤30.00	PASS
11AX20SISO	Ant1	2412	15.58	≤30.00	PASS
		2437	16.49	≤30.00	PASS
		2462	17.35	≤30.00	PASS
11AX40SISO	Ant1	2422	16.09	≤30.00	PASS
		2437	16.19	≤30.00	PASS
		2452	16.68	≤30.00	PASS

AppendixC.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.64	≤8.00	PASS
		2437	-14.29	≤8.00	PASS
		2462	-14.05	≤8.00	PASS
11G	Ant1	2412	-18.22	≤8.00	PASS
		2437	-17.52	≤8.00	PASS
		2462	-17.16	≤8.00	PASS
11N20SISO	Ant1	2412	-17.64	≤8.00	PASS
		2437	-15.86	≤8.00	PASS
		2462	-16.72	≤8.00	PASS
11N40SISO	Ant1	2422	-20.58	≤8.00	PASS
		2437	-18.63	≤8.00	PASS
		2452	-19.39	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.73	≤8.00	PASS
		2437	-17.80	≤8.00	PASS
		2462	-17.01	≤8.00	PASS
11AX40SISO	Ant1	2422	-20.21	≤8.00	PASS
		2437	-19.67	≤8.00	PASS
		2452	-19.86	≤8.00	PASS

Note:

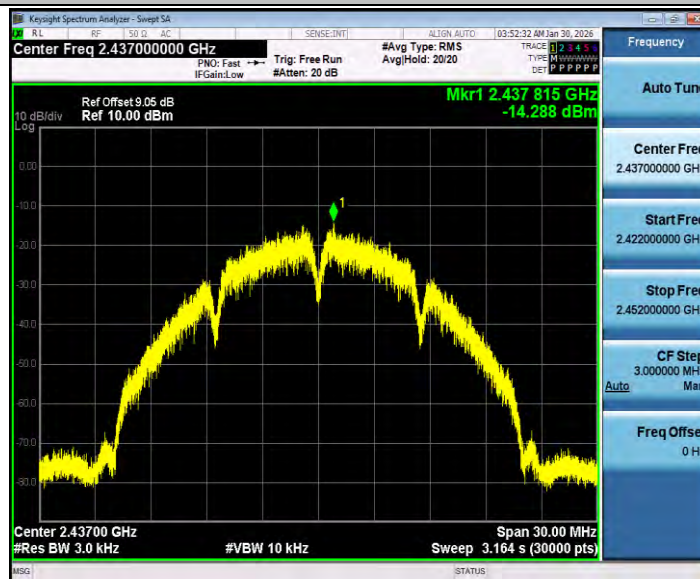
1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

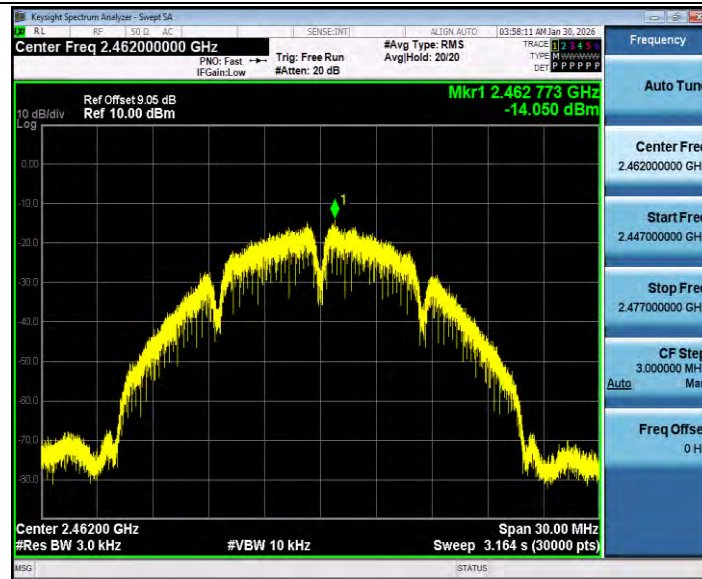
11B_Ant1_2412



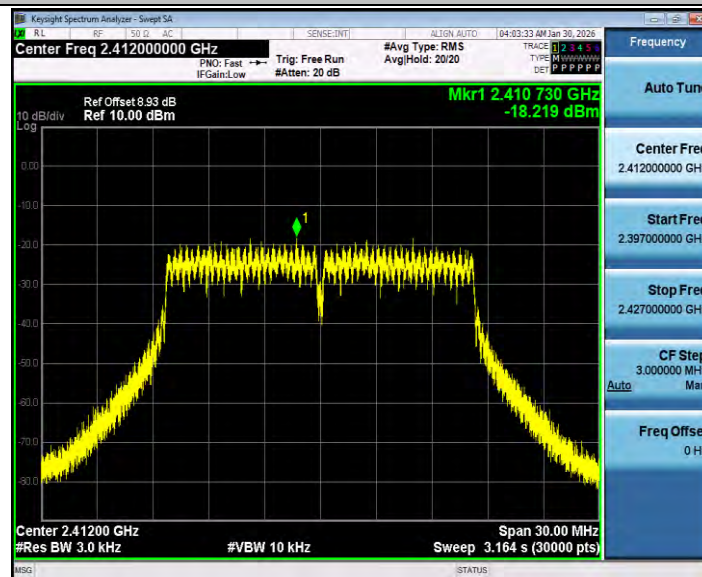
11B_Ant1_2437



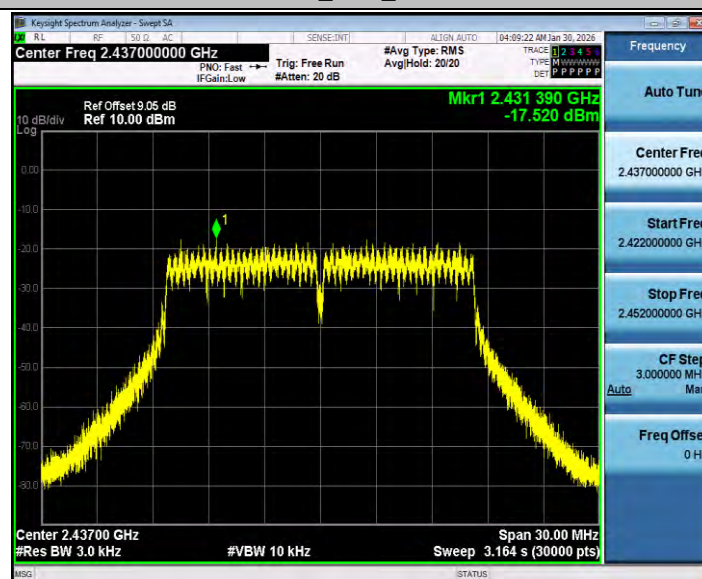
11B_Ant1_2462



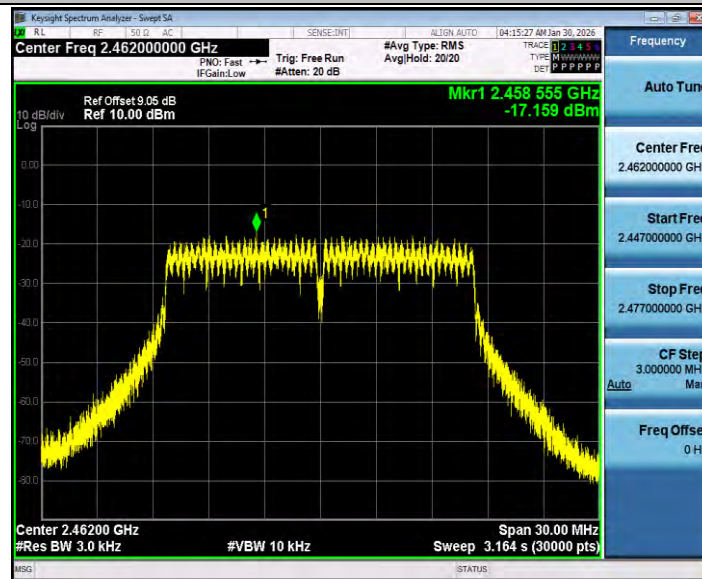
11G_Ant1_2412



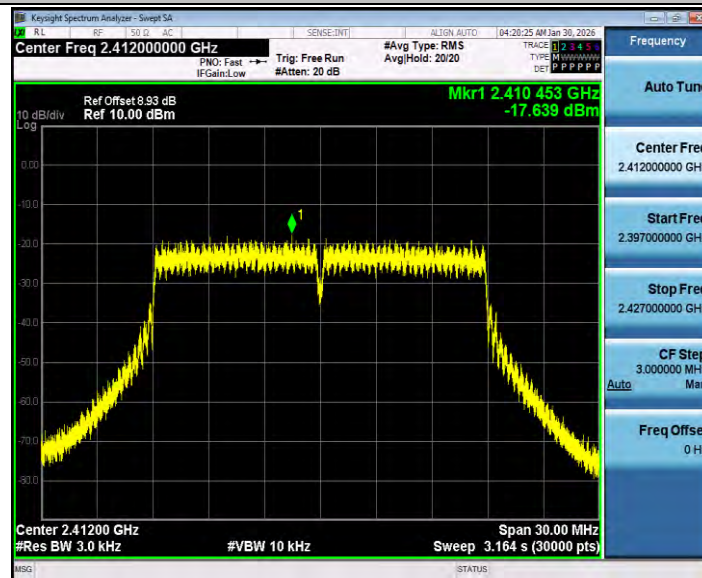
11G_Ant1_2437



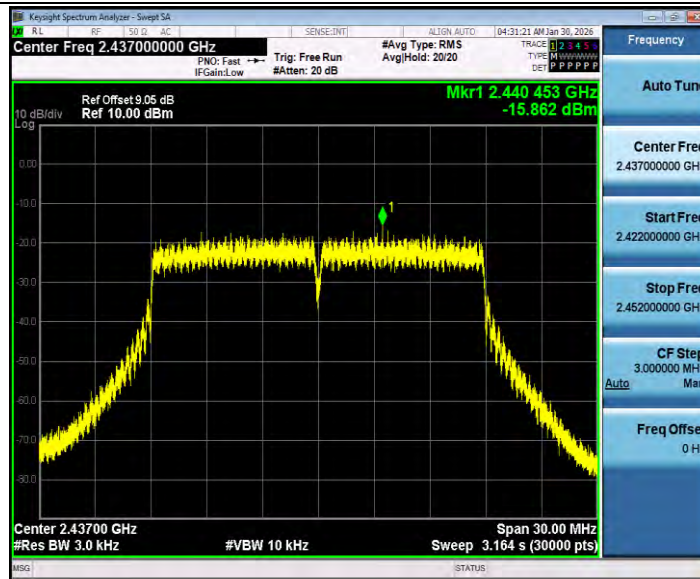
11G_Ant1_2462



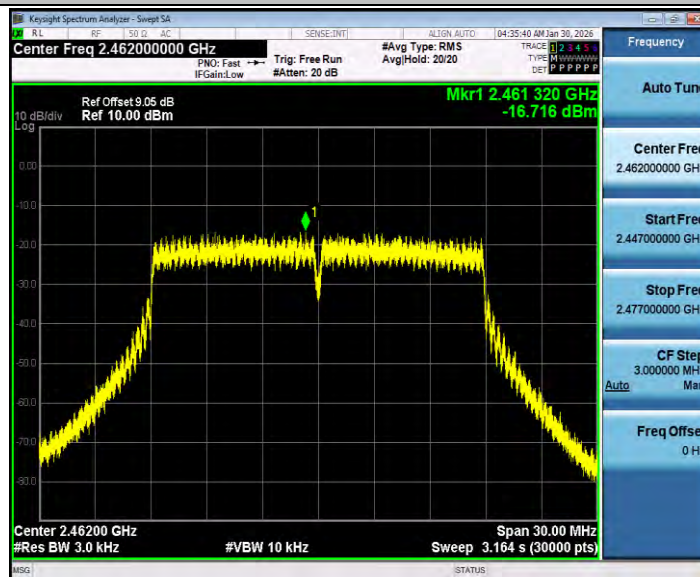
11N20SISO_Ant1_2412



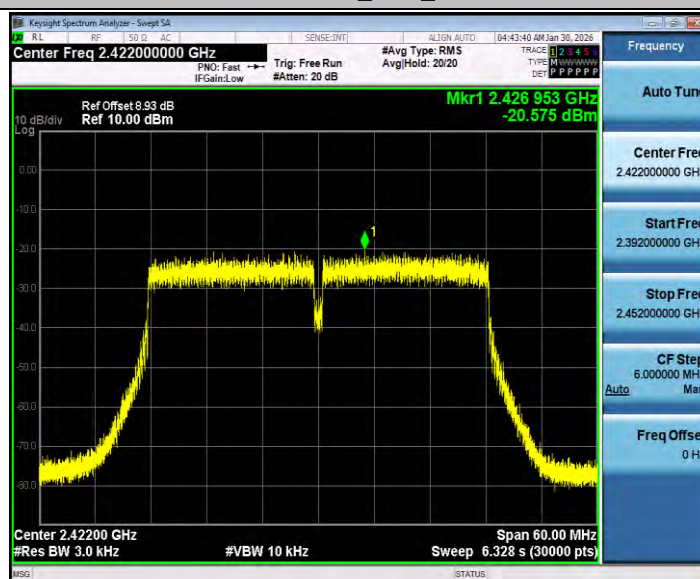
11N20SISO_Ant1_2437



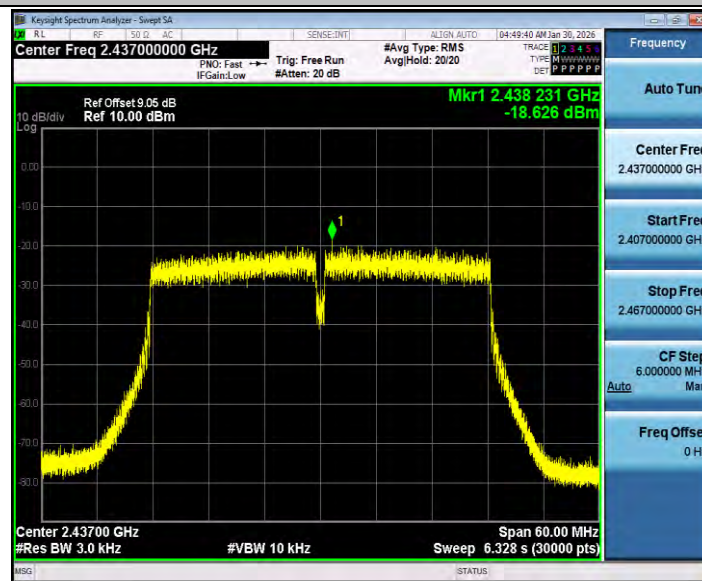
11N20SISO_Ant1_2462



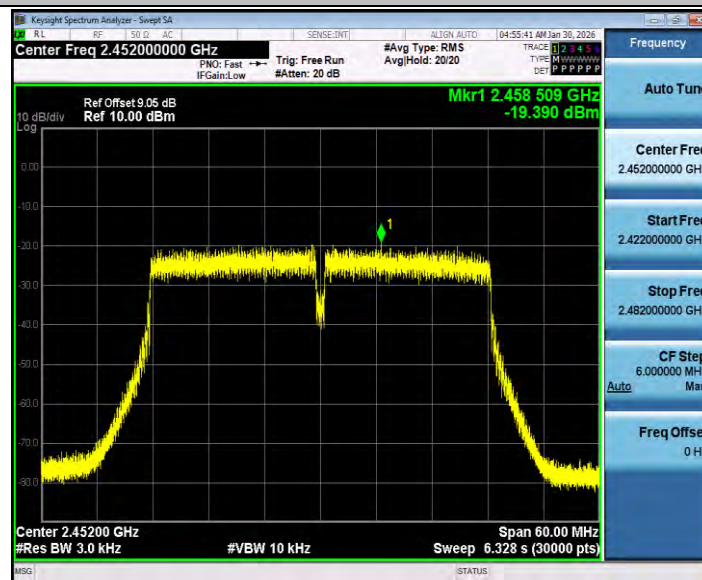
11N40SISO_Ant1_2422



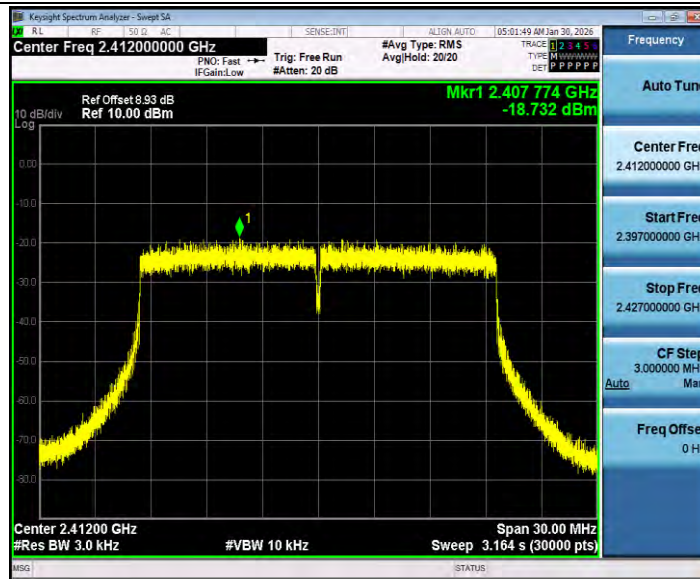
11N40SISO_Ant1_2437



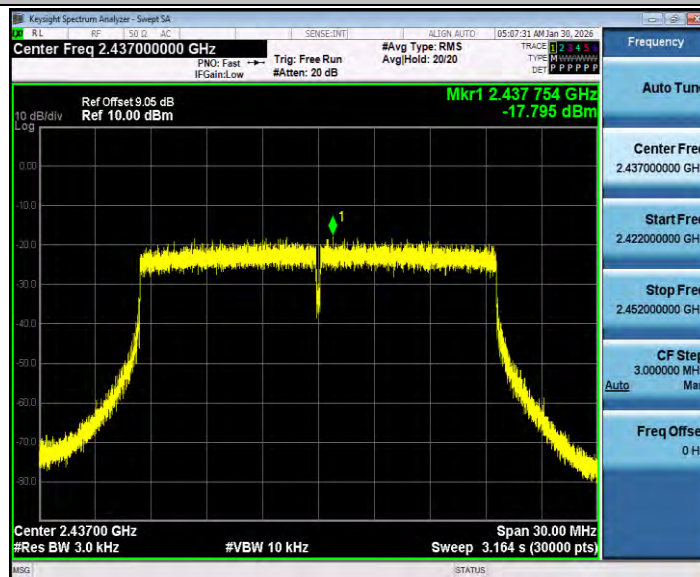
11N40SISO_Ant1_2452



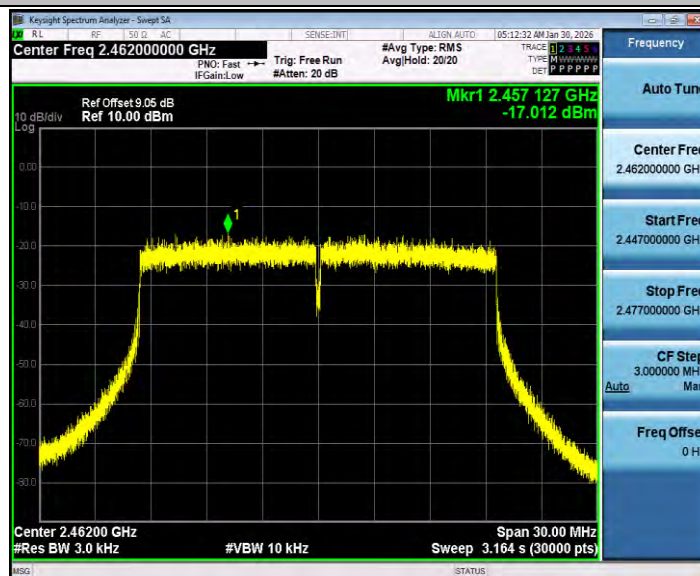
11AX20SISO_Ant1_2412



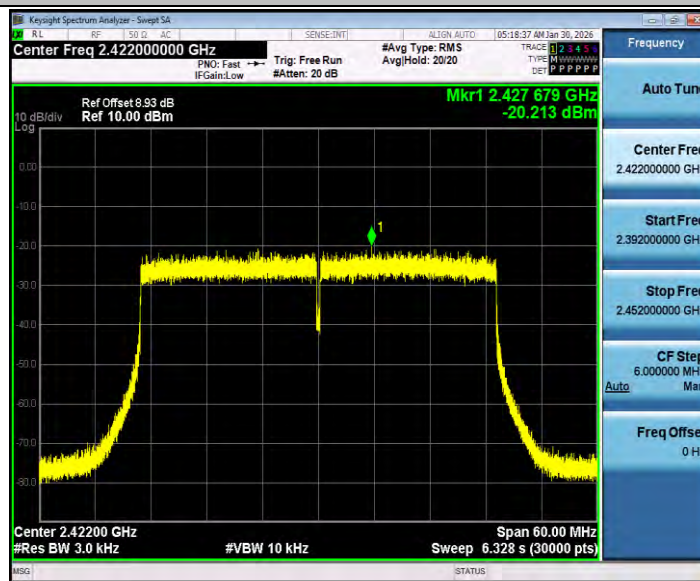
11AX20SISO_Ant1_2437



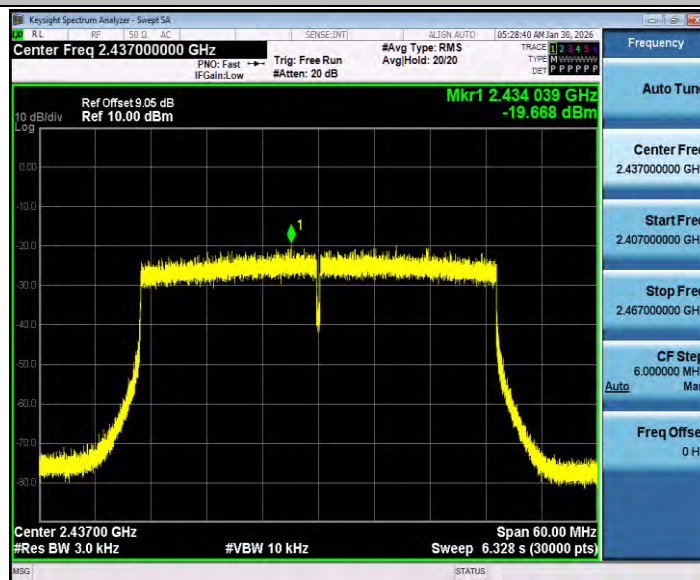
11AX20SISO_Ant1_2462



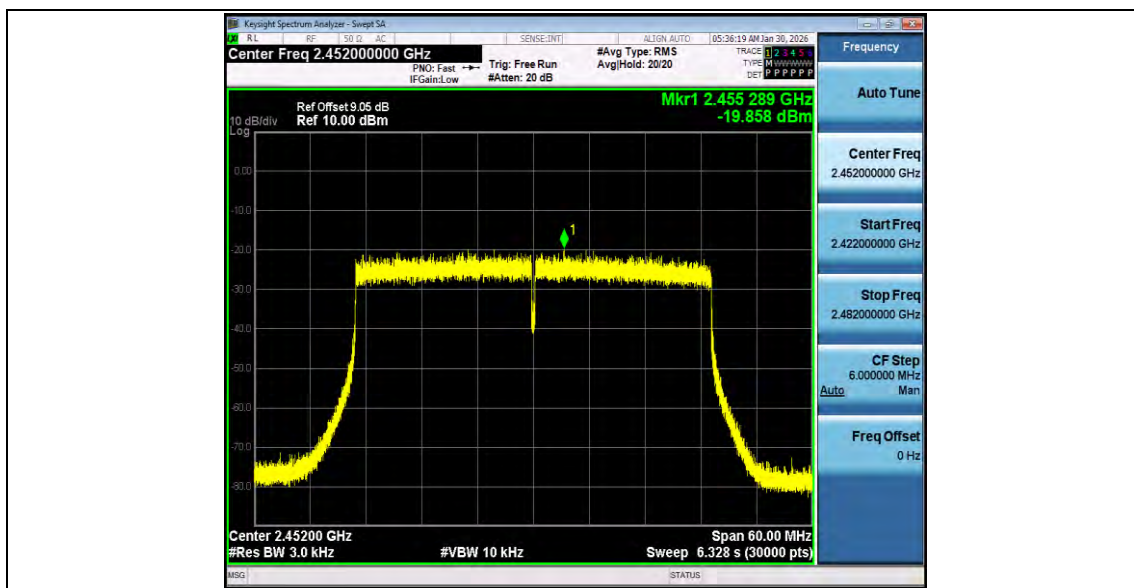
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



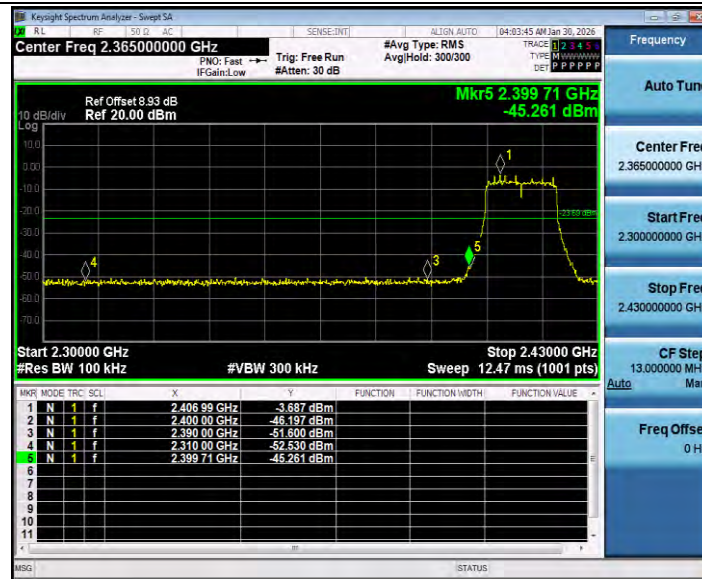
11AX40SISO_Ant1_2452



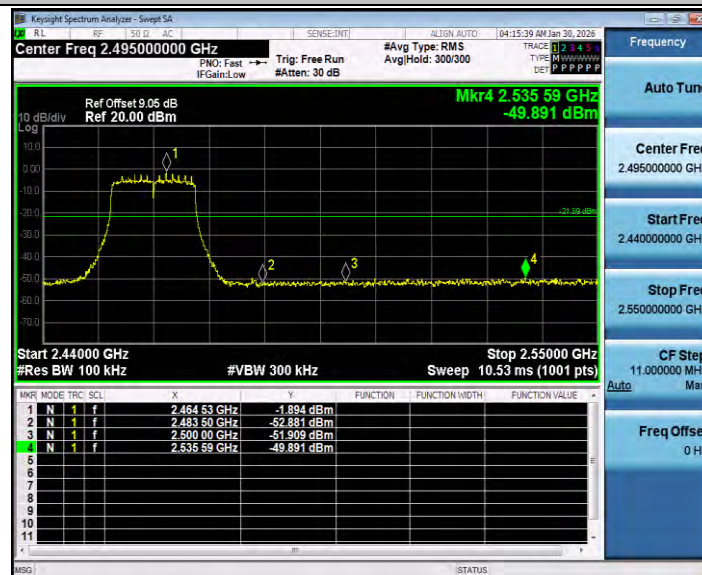
Appendix C.5: Band edge measurements

Test Result

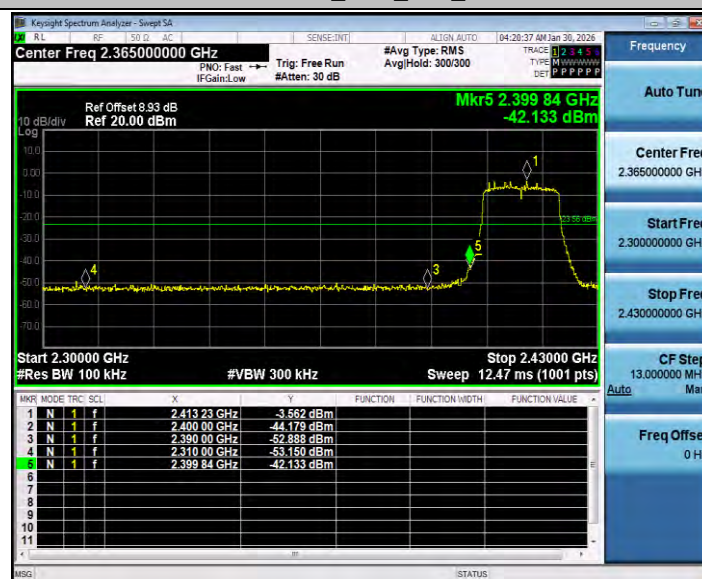
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-1.23	-49.38	≤ -21.23	PASS
		High	2462	0.32	-49.57	≤ -19.68	PASS
11G	Ant1	Low	2412	-3.69	-45.26	≤ -23.69	PASS
		High	2462	-1.89	-49.89	≤ -21.89	PASS
11N20SISO	Ant1	Low	2412	-3.56	-42.13	≤ -23.56	PASS
		High	2462	-2.33	-49.34	≤ -22.33	PASS
11N40SISO	Ant1	Low	2422	-6.48	-47.26	≤ -26.48	PASS
		High	2452	-5.08	-49.75	≤ -25.08	PASS
11AX20SISO	Ant1	Low	2412	-3.71	-44.8	≤ -23.71	PASS
		High	2462	-1.81	-49.48	≤ -21.81	PASS
11AX40SISO	Ant1	Low	2422	-5.83	-47.3	≤ -25.83	PASS
		High	2452	-5.45	-48.34	≤ -25.45	PASS



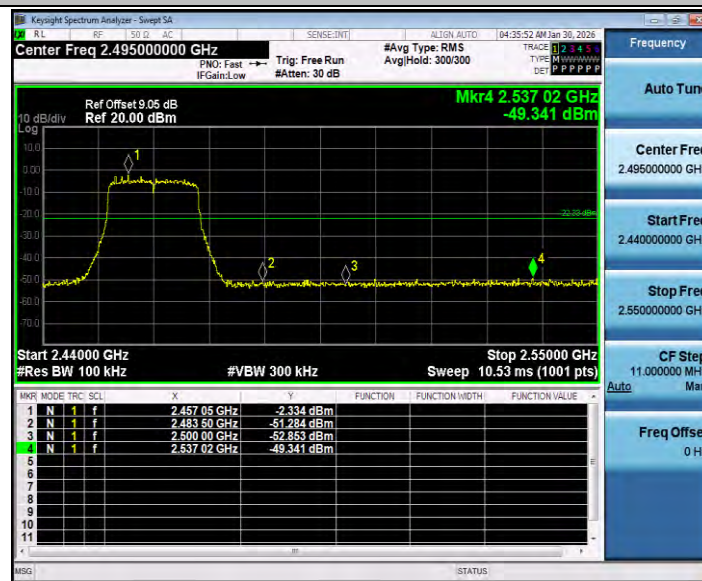
11G_Ant1_High_2462



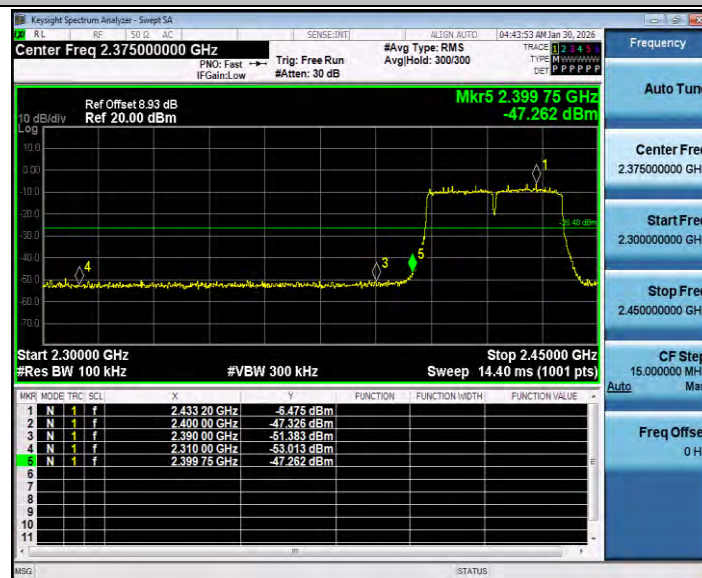
11N20SISO_Ant1_Low_2412



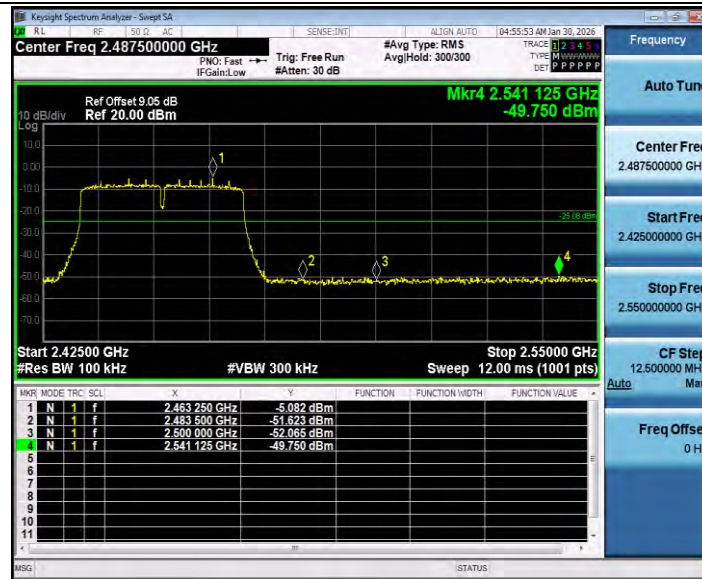
11N20SISO_Ant1_High_2462



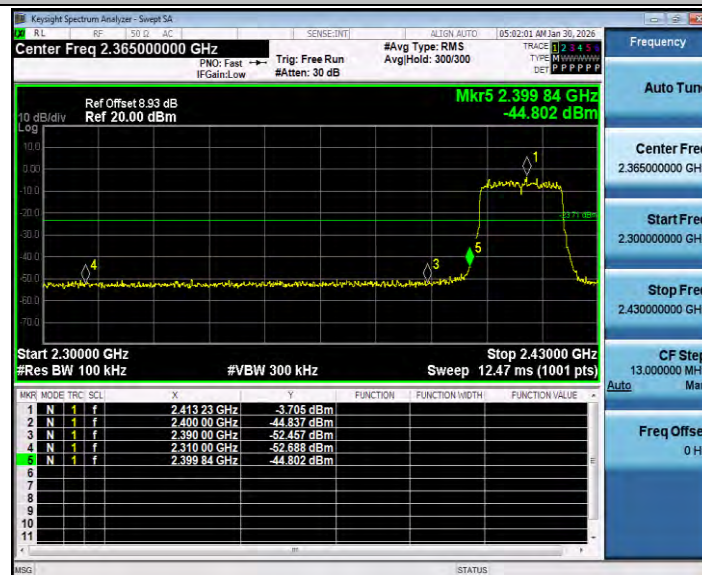
11N40SISO_Ant1_Low_2422



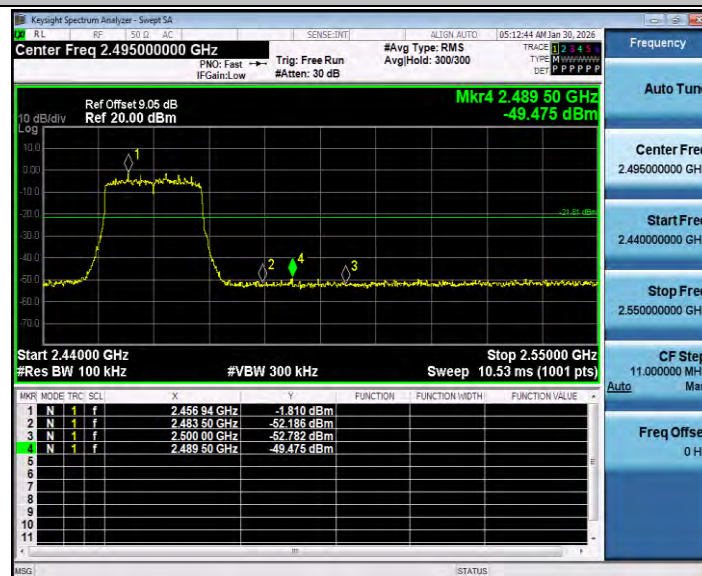
11N40SISO_Ant1_High_2452



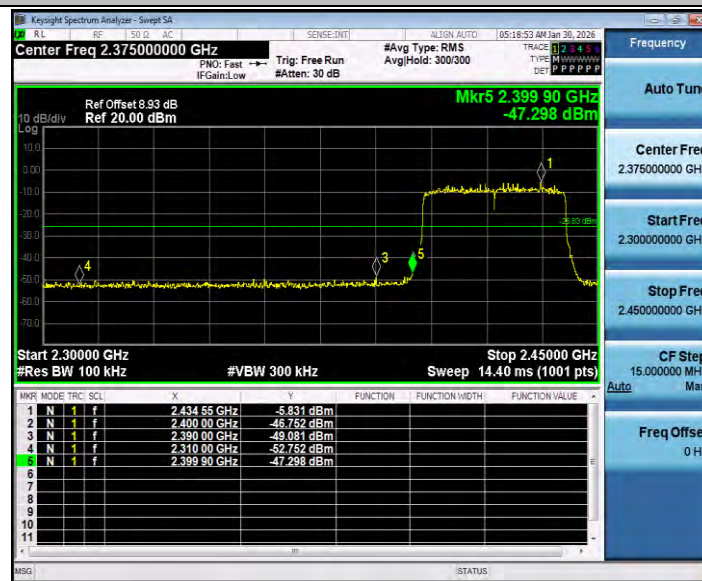
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

