

Case No. : GTS20250818004-2-11	
Ambient Condition: 22°C, 58%RH,	
Test Date: 2025.9.4-2025.9.17	Test Engineer: Evan ouyang

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.520	2407.480	2417.000	0.5	PASS
		2437	8.080	2432.920	2441.000	0.5	PASS
		2462	9.040	2457.480	2466.520	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.400	2453.760	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.080	2403.440	2420.520	0.5	PASS
		2437	17.560	2428.200	2445.760	0.5	PASS
		2462	17.320	2453.200	2470.520	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.120	2434.400	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	17.560	2403.040	2420.600	0.5	PASS
		2437	17.680	2428.160	2445.840	0.5	PASS
		2462	16.760	2453.000	2469.760	0.5	PASS
11AX40SISO	Ant1	2422	35.280	2404.240	2439.520	0.5	PASS
		2437	37.440	2418.200	2455.640	0.5	PASS
		2452	36.480	2433.040	2469.520	0.5	PASS

Test Graphs





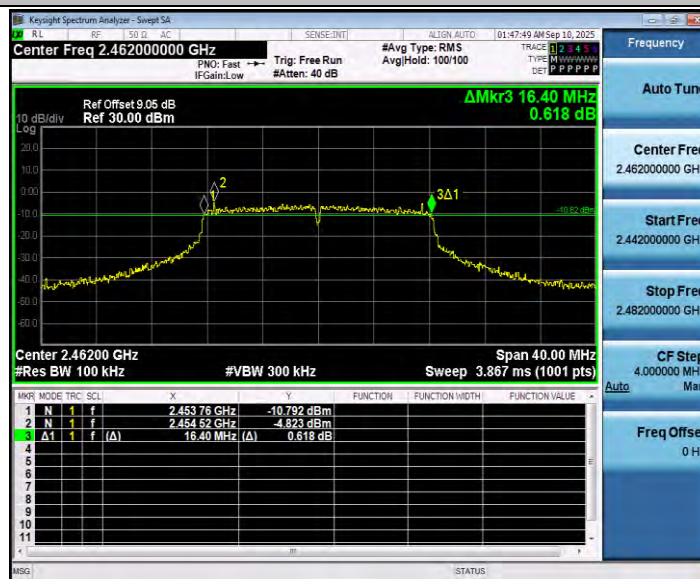
11G_Ant1_2412



11G_Ant1_2437



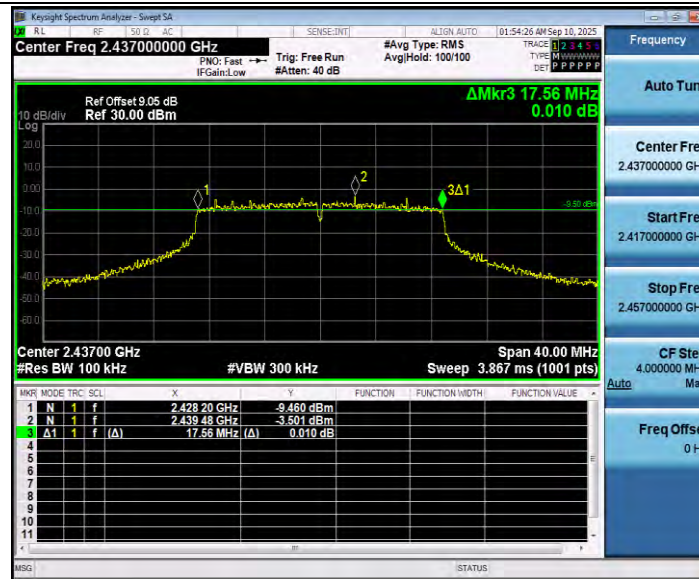
11G_Ant1_2462



11N20SISO_Ant1_2412



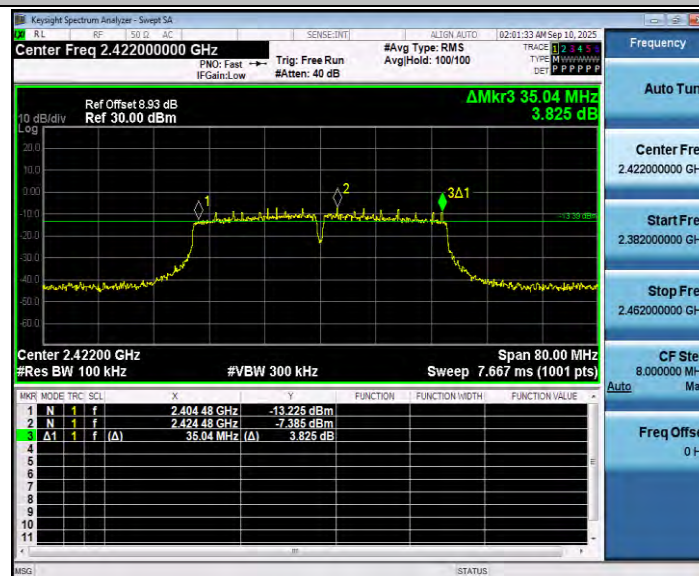
11N20SISO_Ant1_2437



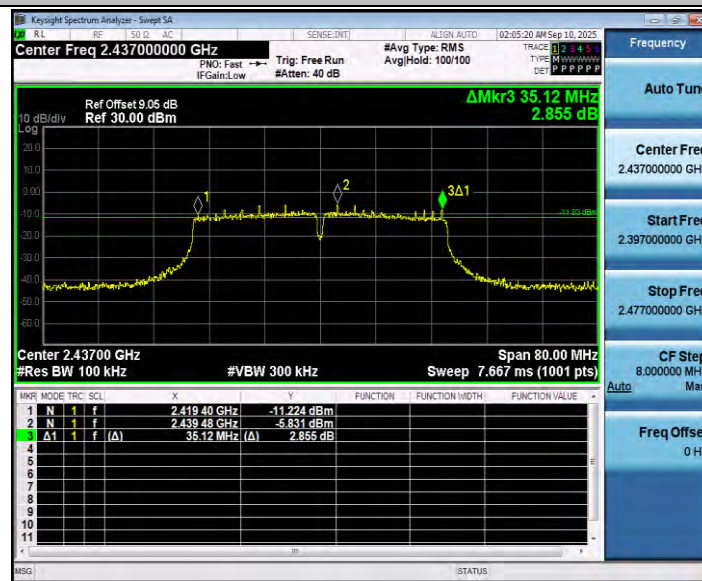
11N20SISO_Ant1_2462



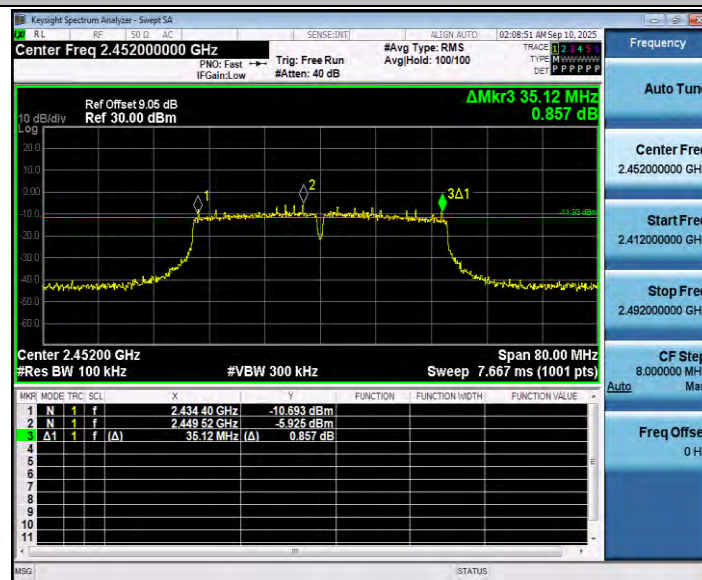
11N40SISO_Ant1_2422



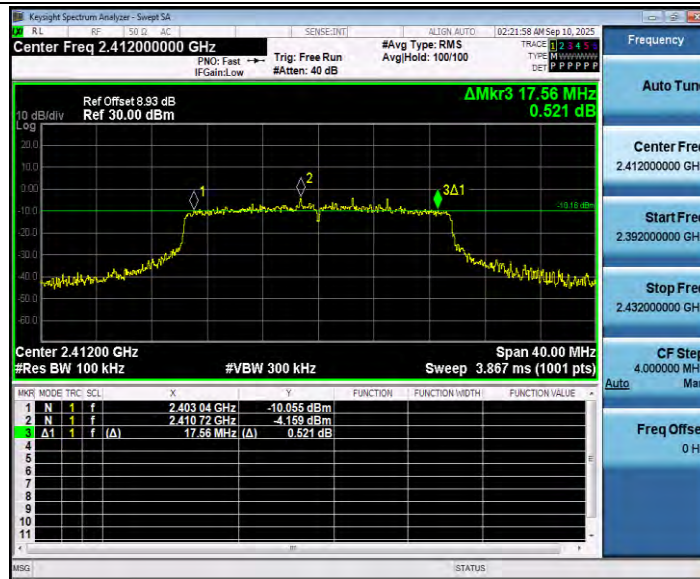
11N40SISO_Ant1_2437



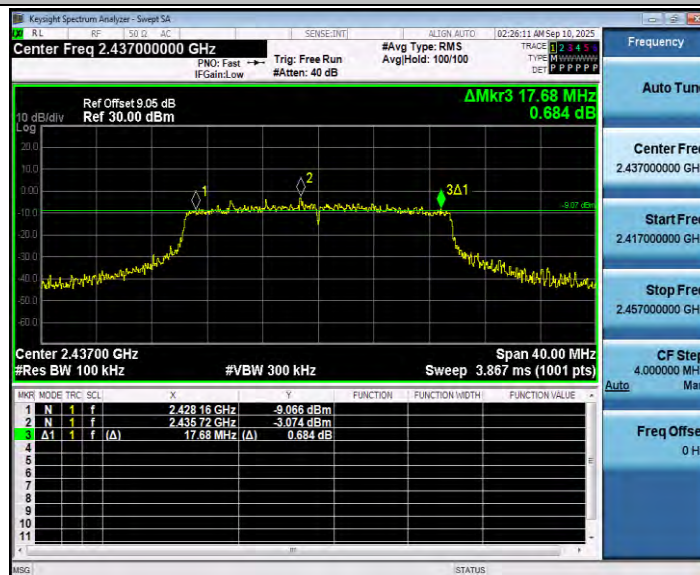
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



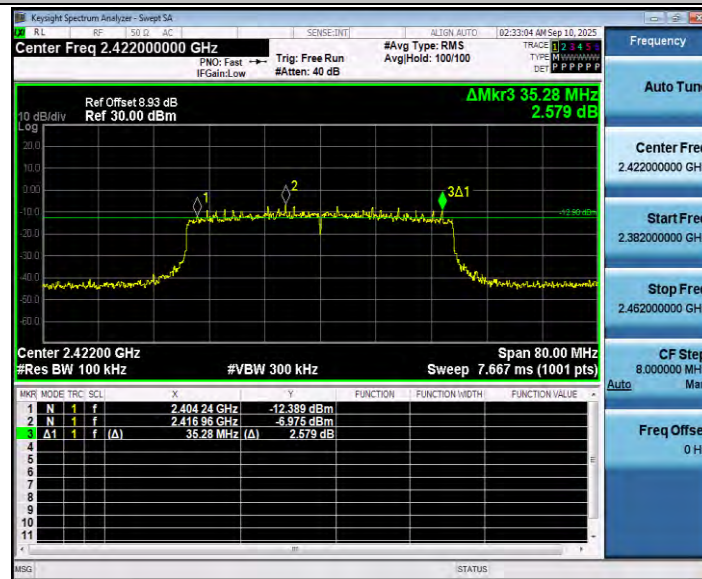
11AX20SISO_Ant1_2437



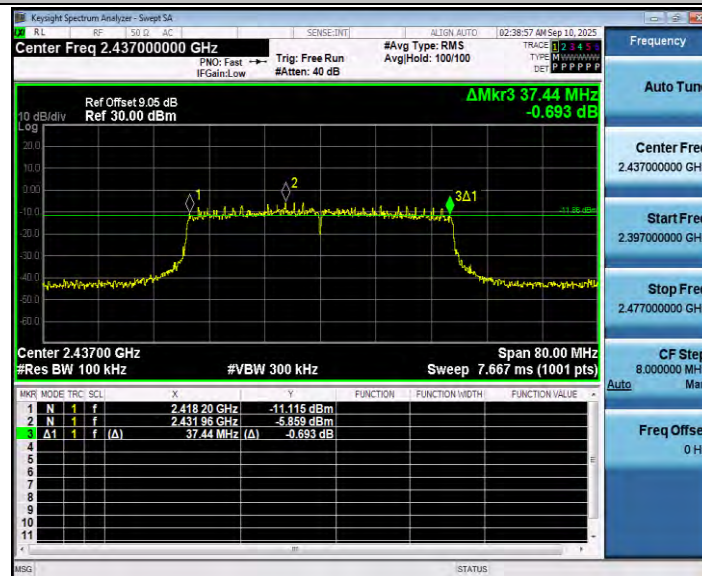
11AX20SISO_Ant1_2462



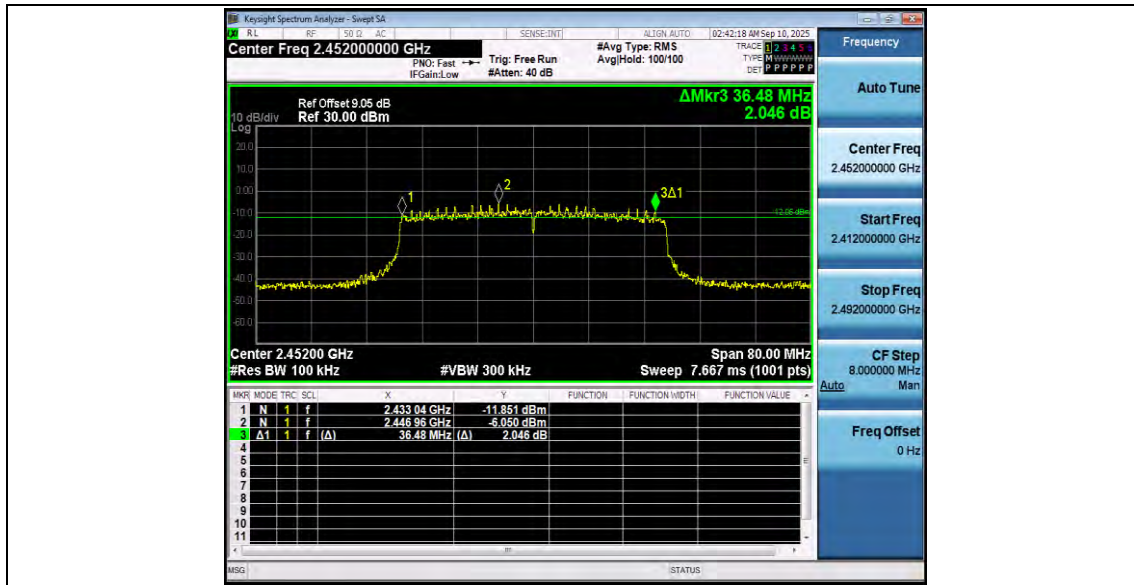
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

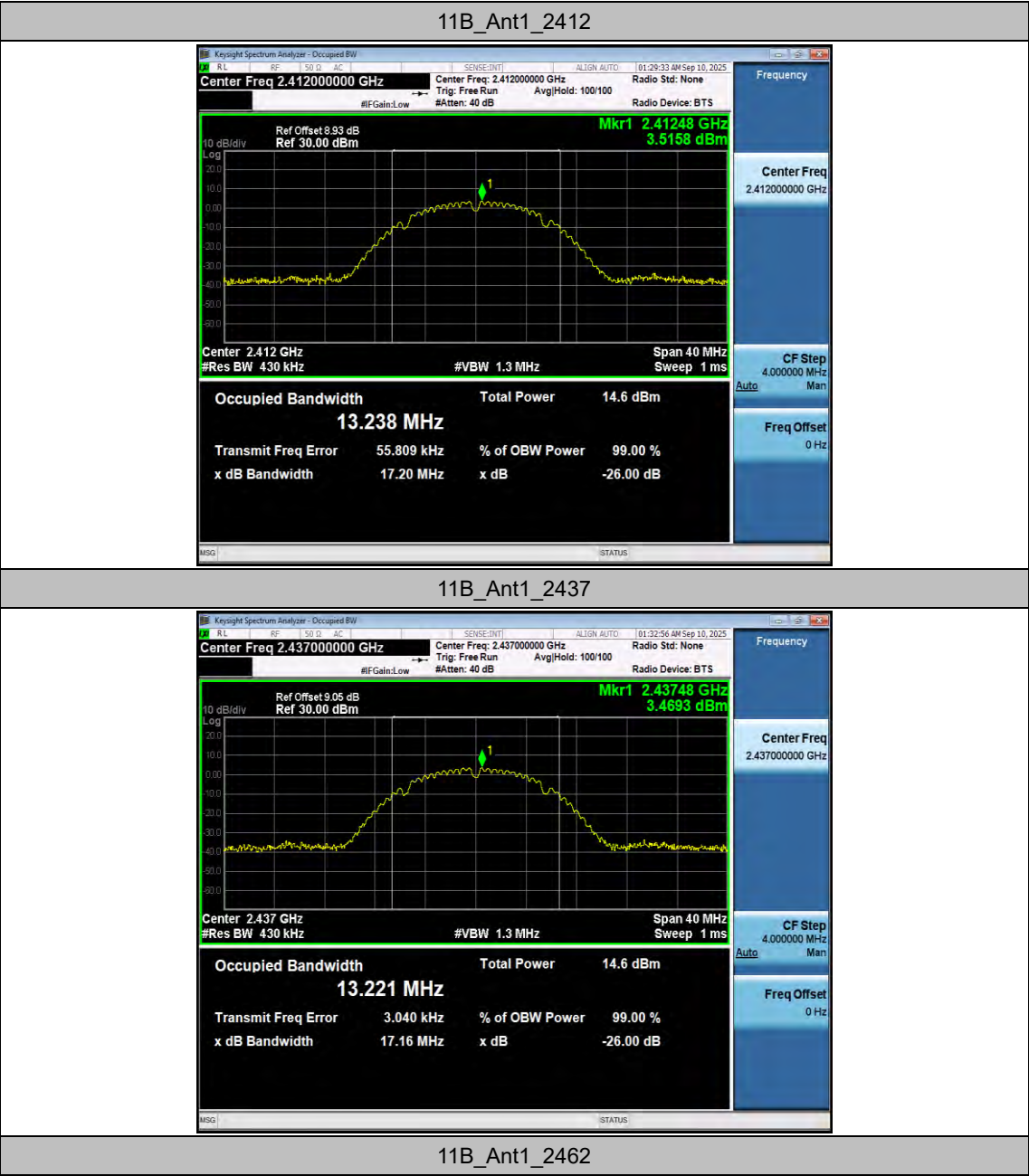


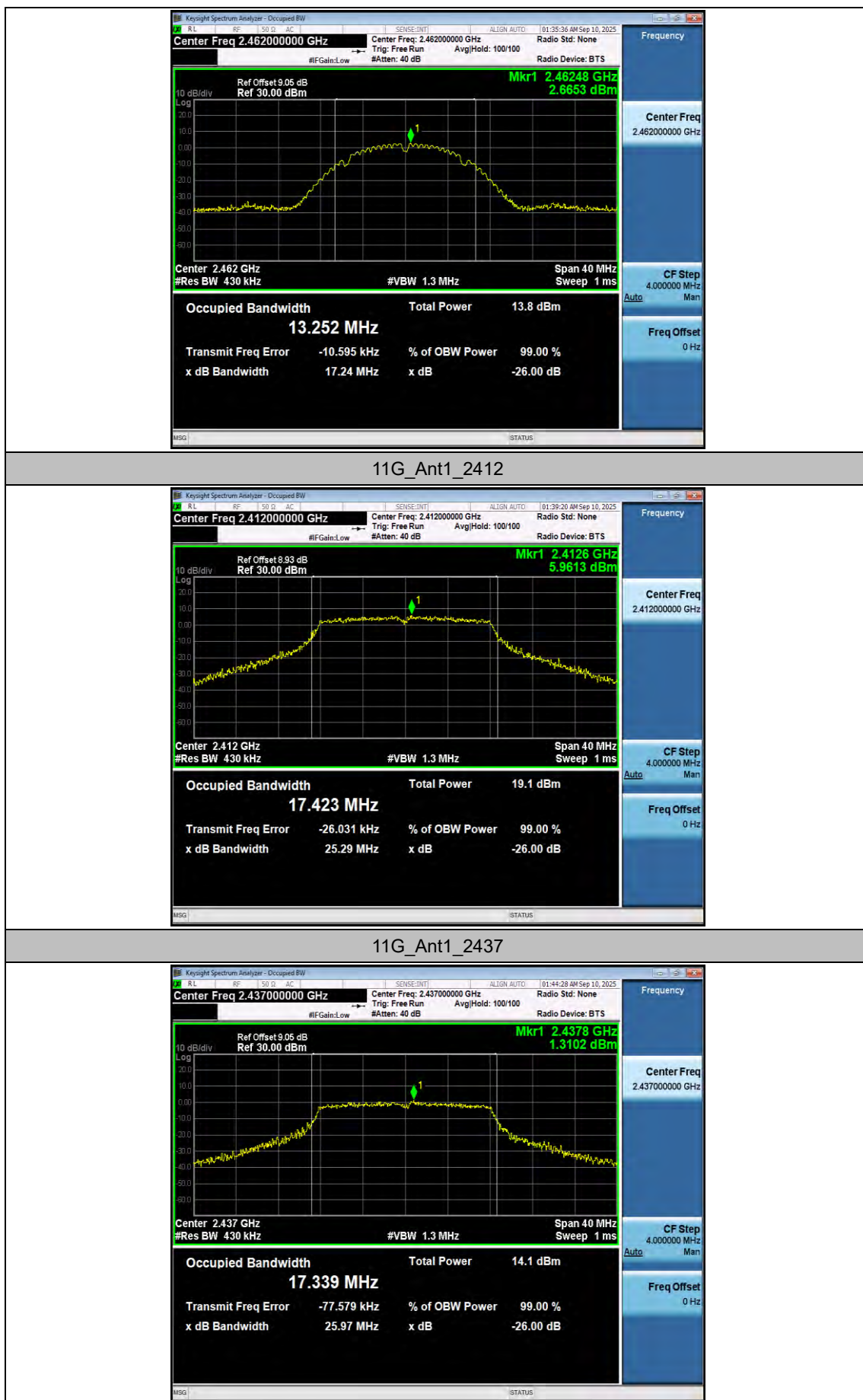
AppendixC.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.238	2405.4368	2418.6748	---	---
		2437	13.221	2430.3925	2443.6135	---	---
		2462	13.252	2455.3634	2468.6154	---	---
11G	Ant1	2412	17.423	2403.2625	2420.6855	---	---
		2437	17.339	2428.2529	2445.5919	---	---
		2462	17.371	2453.2001	2470.5711	---	---
11N20SISO	Ant1	2412	18.401	2402.8318	2421.2328	---	---
		2437	18.393	2427.7342	2446.1272	---	---
		2462	18.428	2452.6616	2471.0896	---	---
11N40SISO	Ant1	2422	36.684	2403.6578	2440.3418	---	---
		2437	36.790	2418.5167	2455.3067	---	---
		2452	36.667	2433.6403	2470.3073	---	---
11AX20SISO	Ant1	2412	19.160	2402.3772	2421.5372	---	---
		2437	19.249	2427.3243	2446.5733	---	---
		2462	19.242	2452.3359	2471.5779	---	---
11AX40SISO	Ant1	2422	37.921	2403.0331	2440.9541	---	---
		2437	37.965	2417.9651	2455.9301	---	---
		2452	37.959	2432.9887	2470.9477	---	---

Test Graphs





11G_Ant1_2462



11N20SISO_Ant1_2412



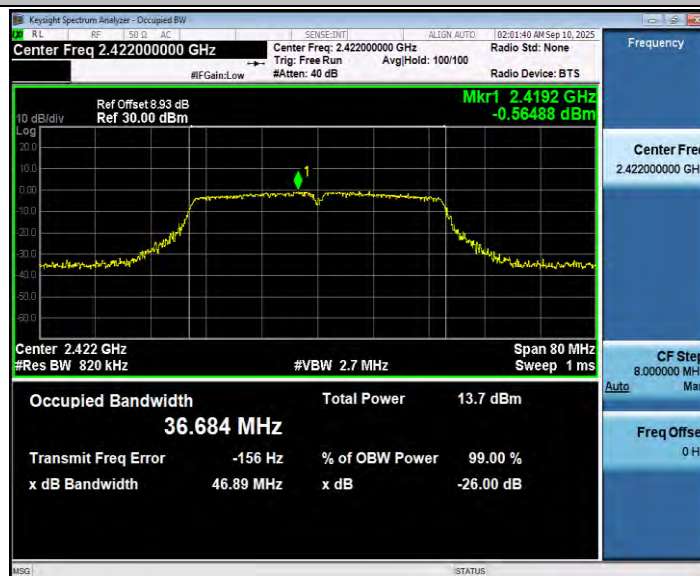
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



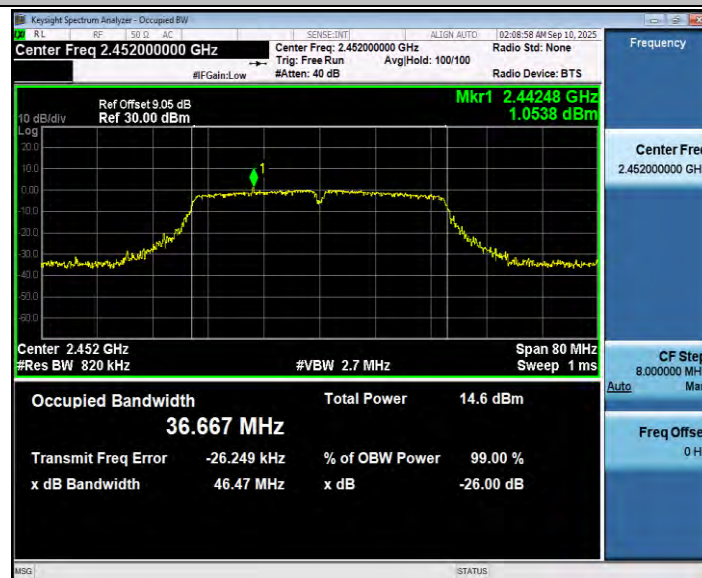
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



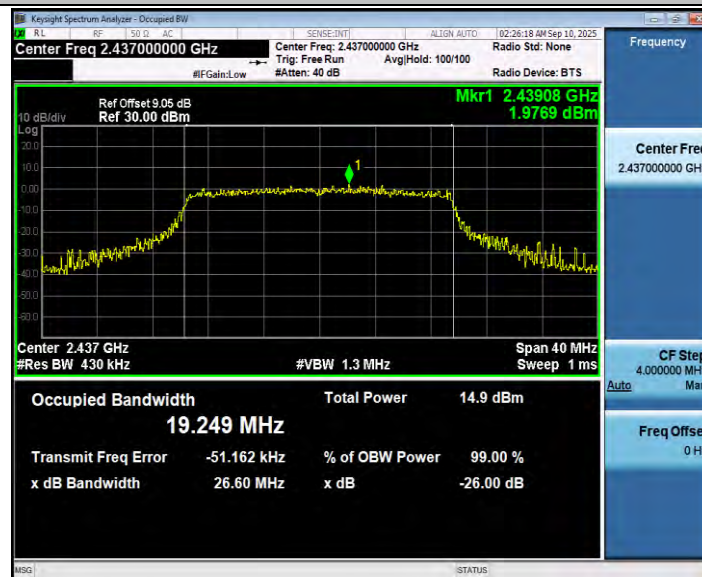
11N40SISO_Ant1_2452



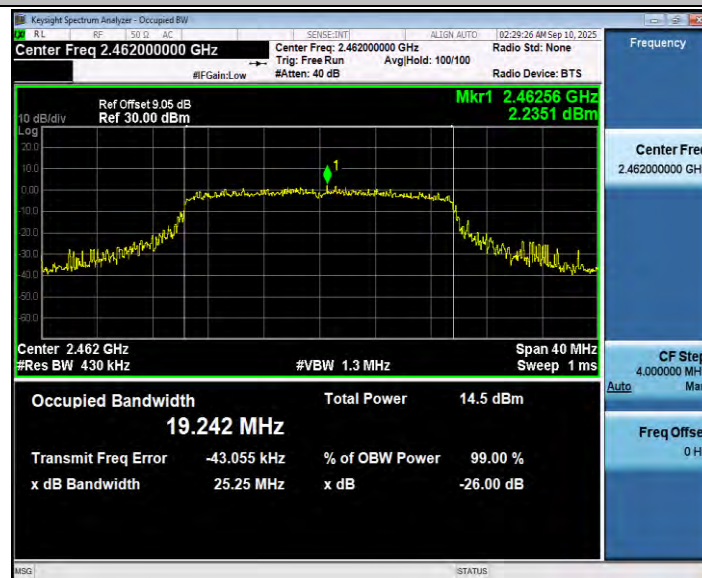
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



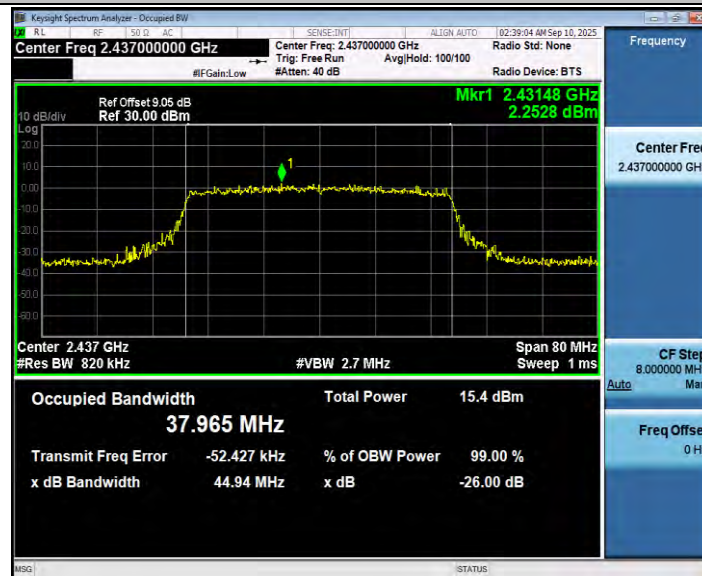
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



AppendixC.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.69	≤30.00	PASS
		2437	14.63	≤30.00	PASS
		2462	13.83	≤30.00	PASS
11G	Ant1	2412	14.36	≤30.00	PASS
		2437	15.35	≤30.00	PASS
		2462	15.00	≤30.00	PASS
11N20SISO	Ant1	2412	14.27	≤30.00	PASS
		2437	15.28	≤30.00	PASS
		2462	14.75	≤30.00	PASS
11N40SISO	Ant1	2422	13.96	≤30.00	PASS
		2437	15.14	≤30.00	PASS
		2452	14.91	≤30.00	PASS
11AX20SISO	Ant1	2412	14.74	≤30.00	PASS
		2437	15.59	≤30.00	PASS
		2462	15.32	≤30.00	PASS
11AX40SISO	Ant1	2422	14.59	≤30.00	PASS
		2437	15.52	≤30.00	PASS
		2452	15.35	≤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	-11.03	≤8.00	PASS
		2437	-11.71	≤8.00	PASS
		2462	-11.40	≤8.00	PASS
11G	Ant1	2412	-18.19	≤8.00	PASS
		2437	-17.17	≤8.00	PASS
		2462	-17.16	≤8.00	PASS
11N20SISO	Ant1	2412	-16.71	≤8.00	PASS
		2437	-16.98	≤8.00	PASS
		2462	-16.61	≤8.00	PASS
11N40SISO	Ant1	2422	-21.44	≤8.00	PASS
		2437	-20.45	≤8.00	PASS
		2452	-19.81	≤8.00	PASS
11AX20SISO	Ant1	2412	-19.61	≤8.00	PASS
		2437	-18.25	≤8.00	PASS
		2462	-19.27	≤8.00	PASS
11AX40SISO	Ant1	2422	-22.59	≤8.00	PASS
		2437	-20.40	≤8.00	PASS
		2452	-21.28	≤8.00	PASS

Test Graphs

11B_Ant1_2412



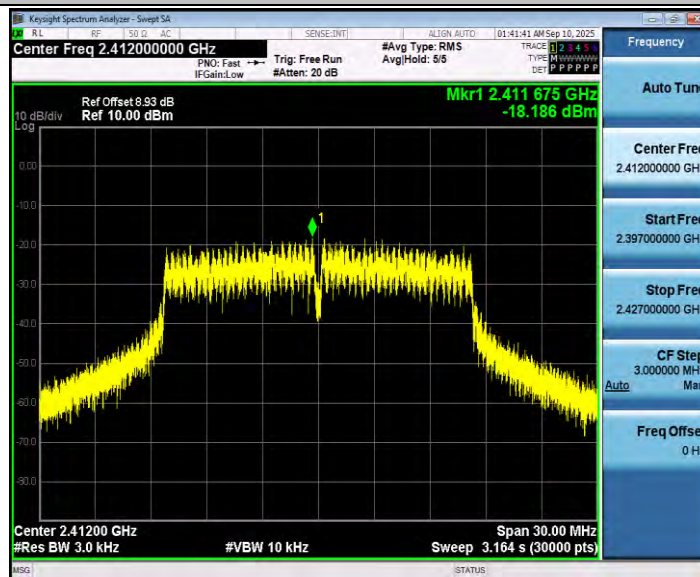
11B_Ant1_2437



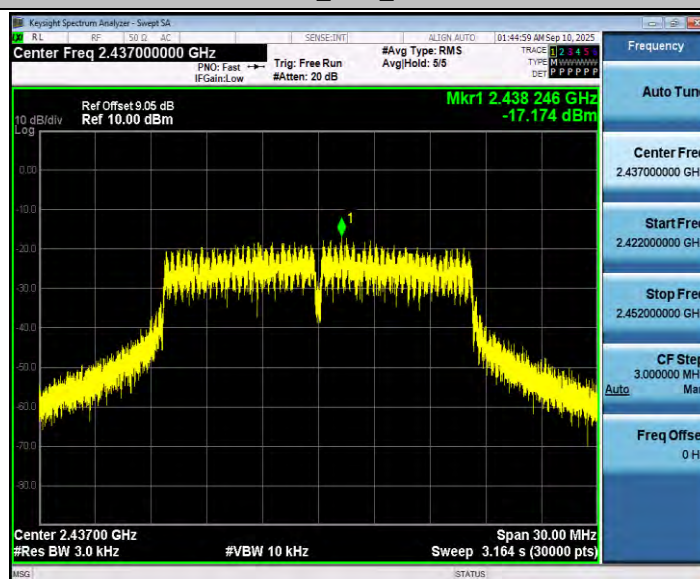
11B_Ant1_2462



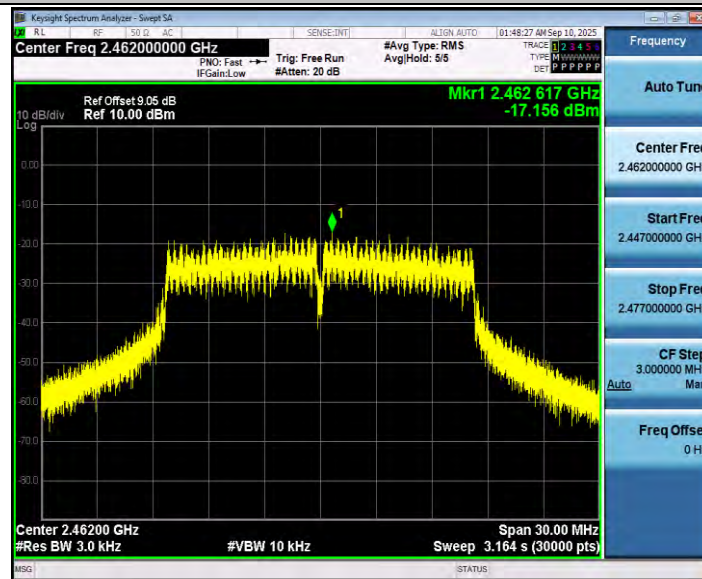
11G_Ant1_2412



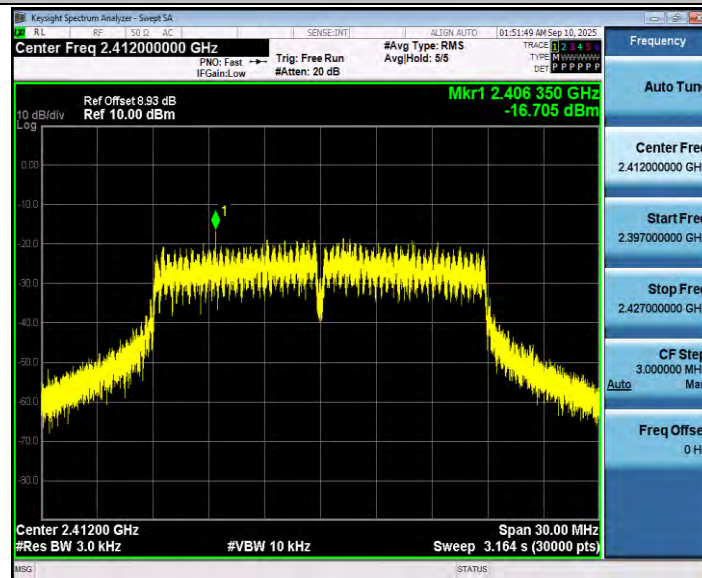
11G_Ant1_2437



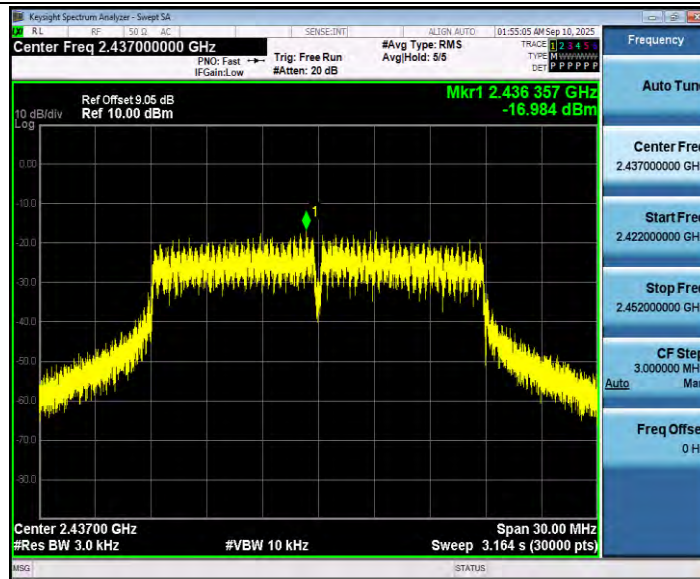
11G_Ant1_2462



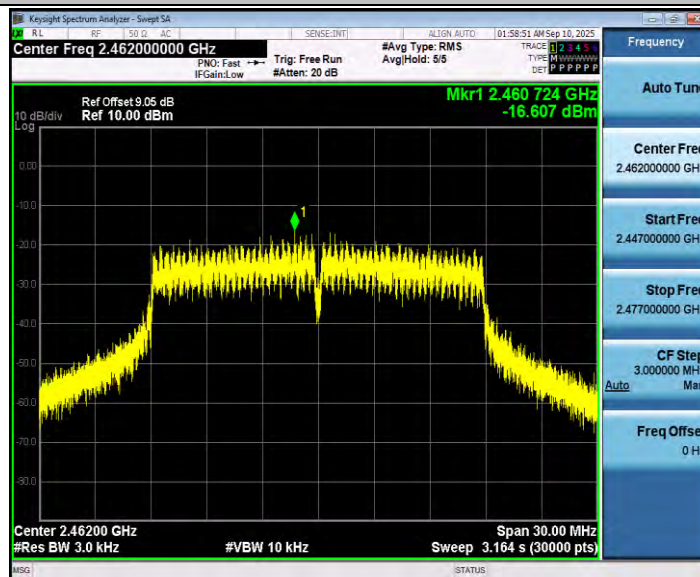
11N20SISO_Ant1_2412



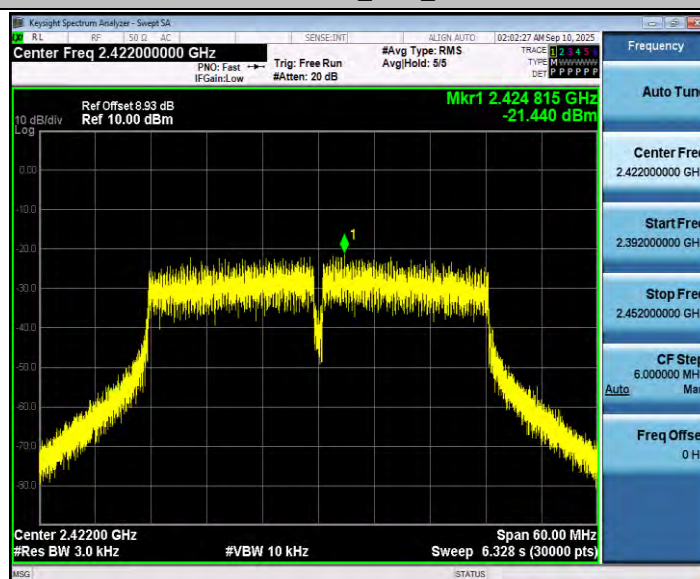
11N20SISO_Ant1_2437



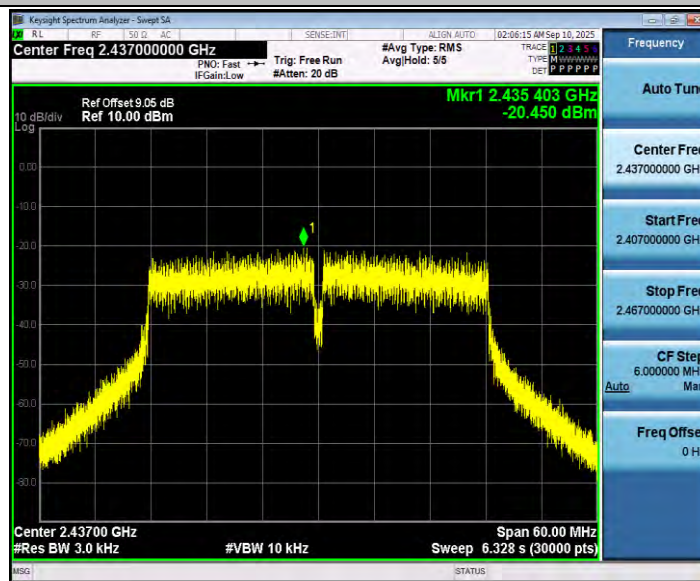
11N20SISO_Ant1_2462



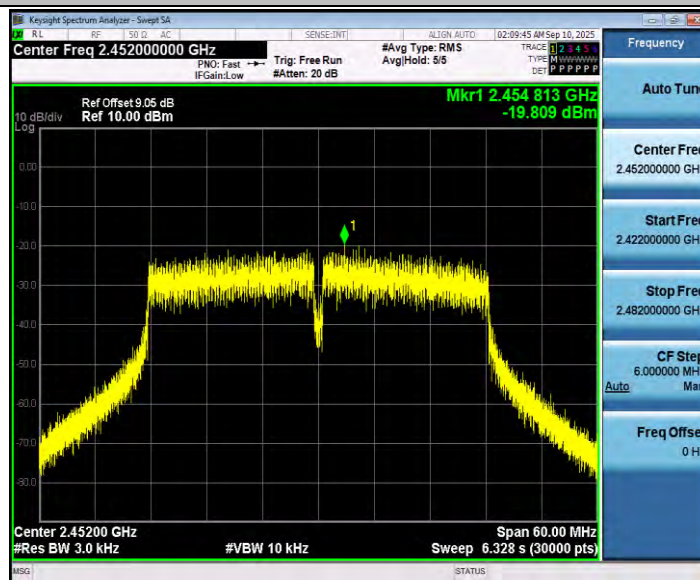
11N40SISO_Ant1_2422



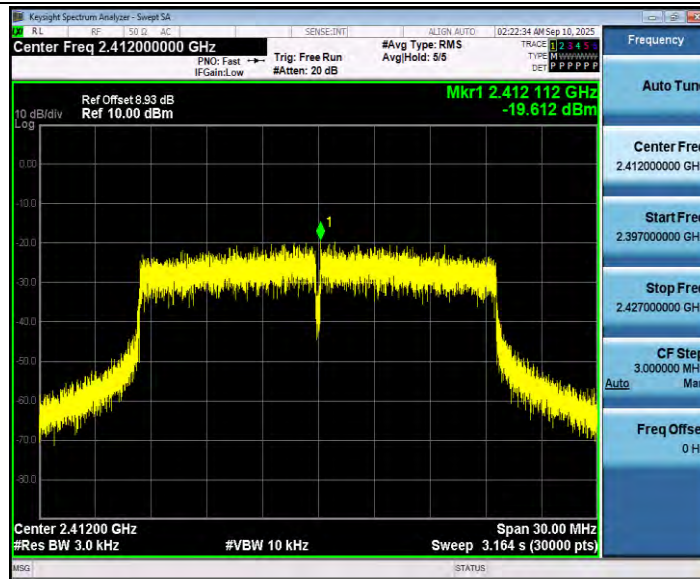
11N40SISO_Ant1_2437



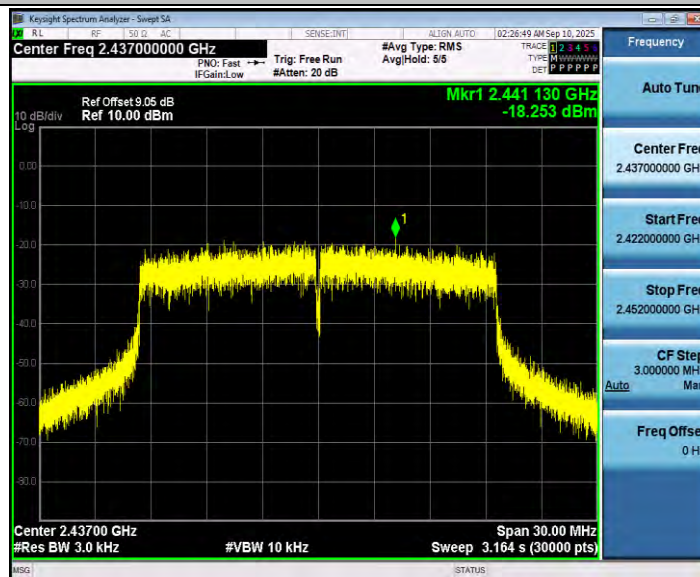
11N40SISO_Ant1_2452



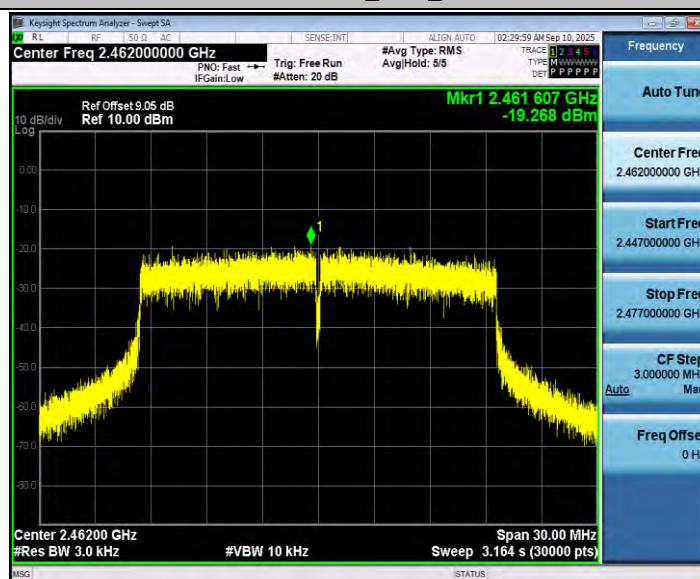
11AX20SISO_Ant1_2412



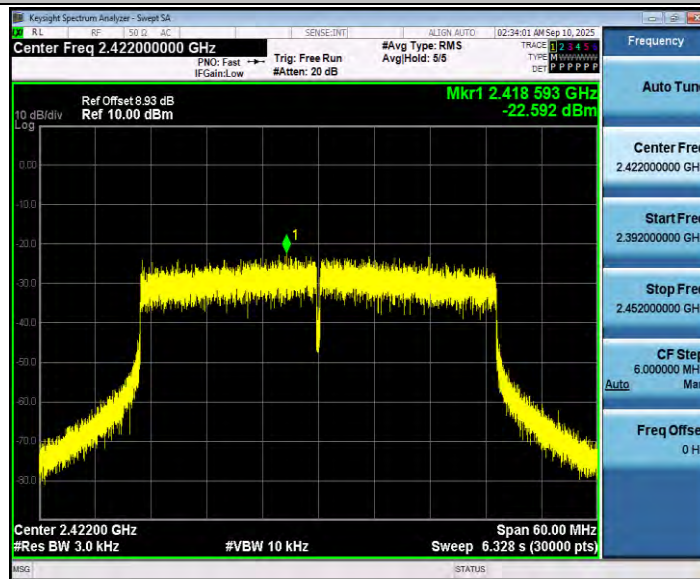
11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



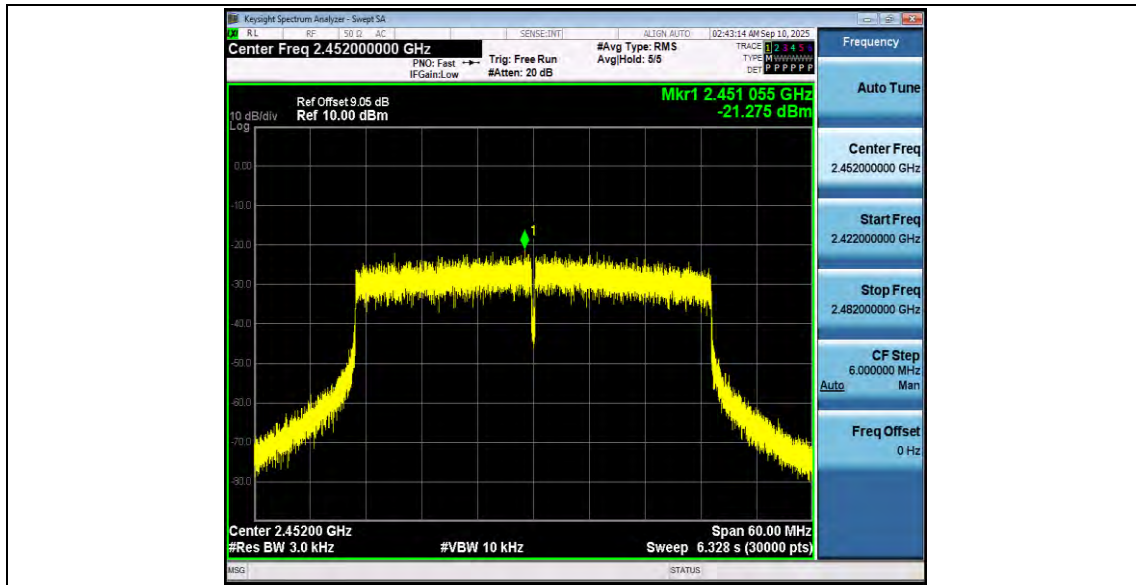
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

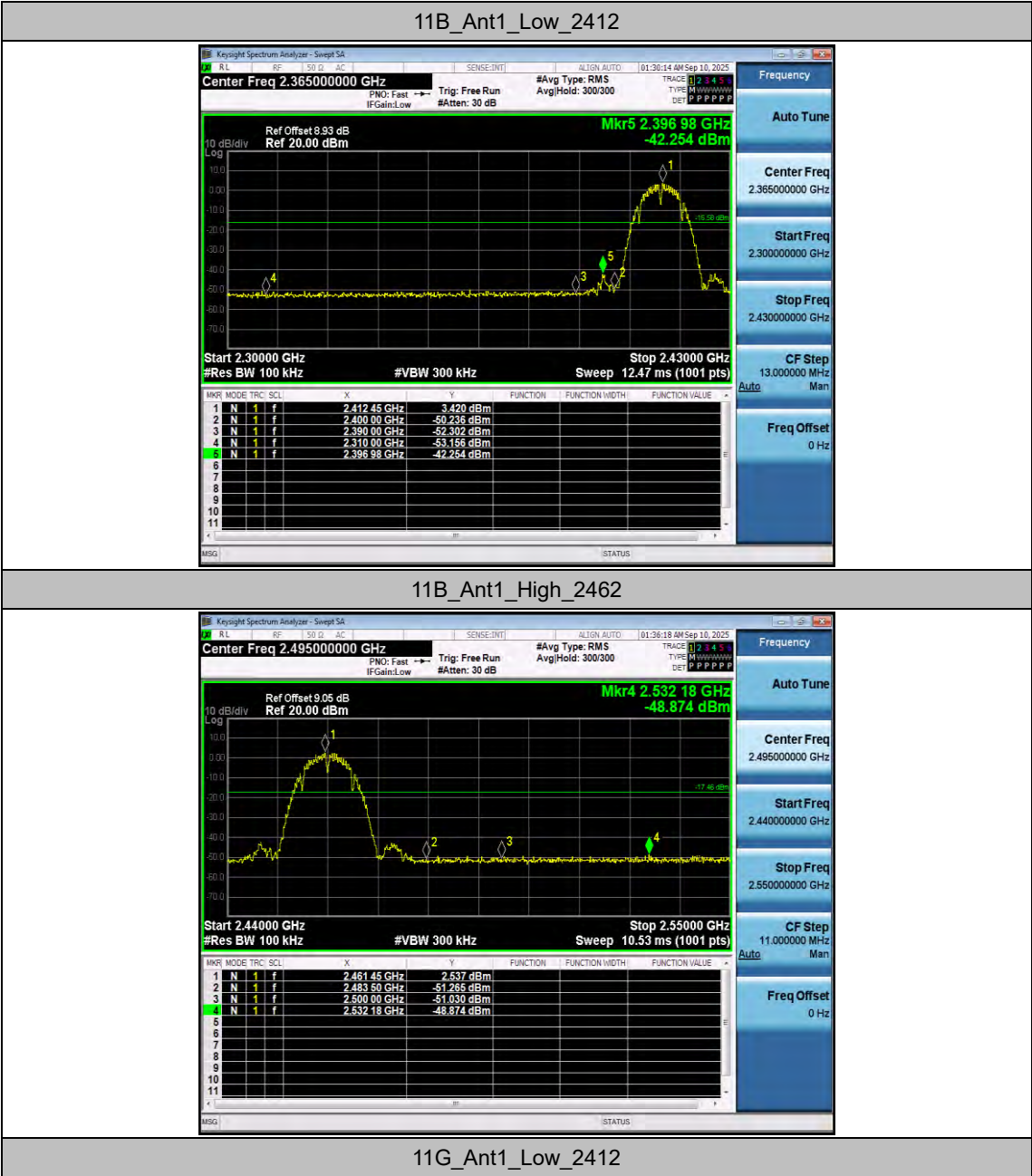


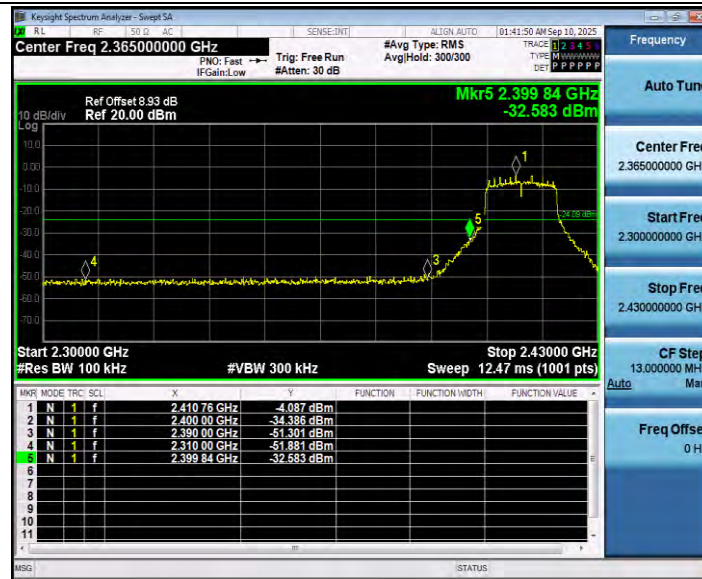
Appendix C.5: Band edge measurements

Test Result

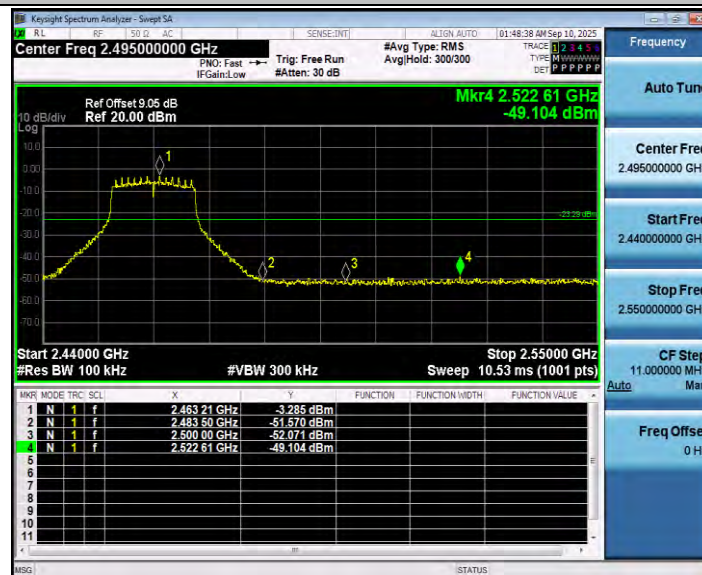
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.42	-42.25	≤ -16.58	PASS
		High	2462	2.54	-48.87	≤ -17.46	PASS
11G	Ant1	Low	2412	-4.09	-32.58	≤ -24.09	PASS
		High	2462	-3.29	-49.1	≤ -23.29	PASS
11N20SISO	Ant1	Low	2412	-3.64	-32.04	≤ -23.64	PASS
		High	2462	-2.93	-49.06	≤ -22.93	PASS
11N40SISO	Ant1	Low	2422	-6.70	-38.86	≤ -26.7	PASS
		High	2452	-5.74	-49.27	≤ -25.74	PASS
11AX20SISO	Ant1	Low	2412	-4.09	-34.46	≤ -24.09	PASS
		High	2462	-4.01	-48.46	≤ -24.01	PASS
11AX40SISO	Ant1	Low	2422	-6.68	-38.68	≤ -26.68	PASS
		High	2452	-5.88	-47.47	≤ -25.88	PASS

Test Graphs

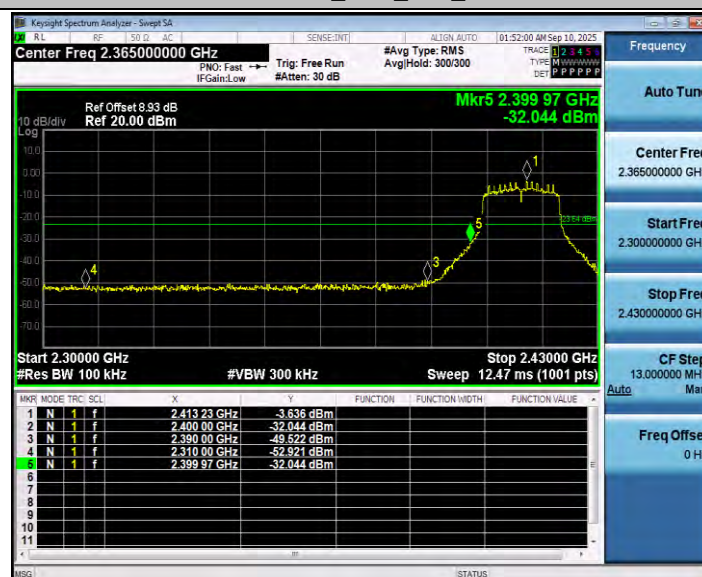




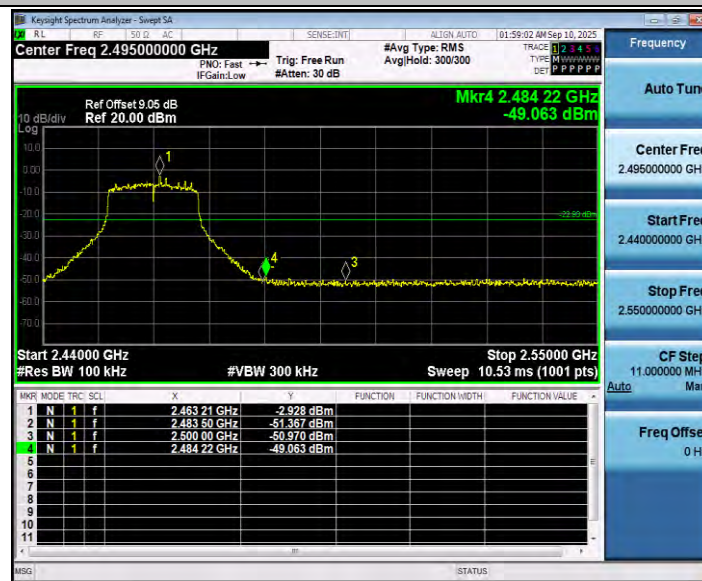
11G_Ant1_High_2462



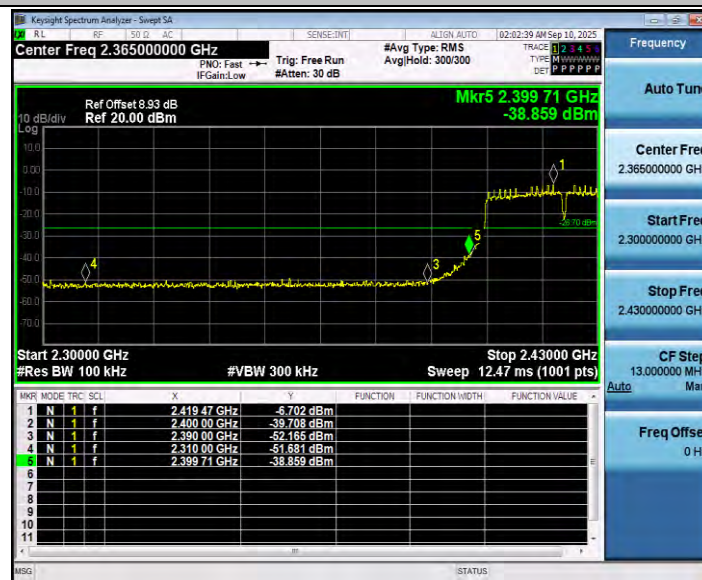
11N20SISO_Ant1_Low_2412



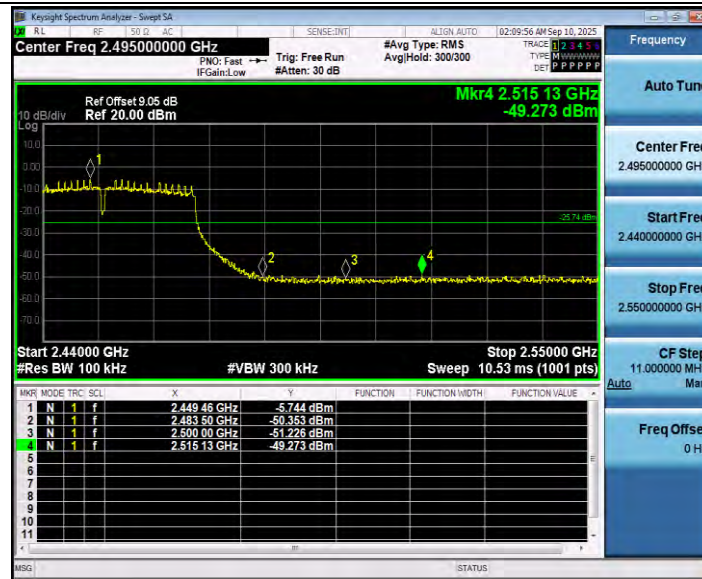
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



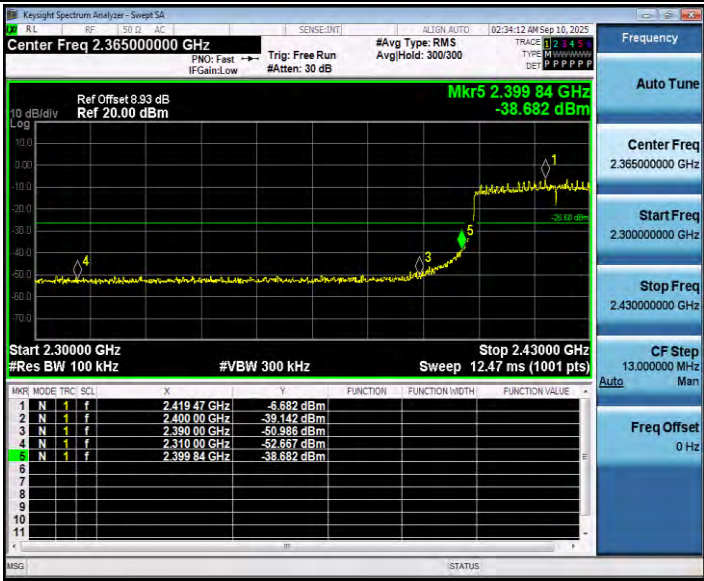
11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452

