

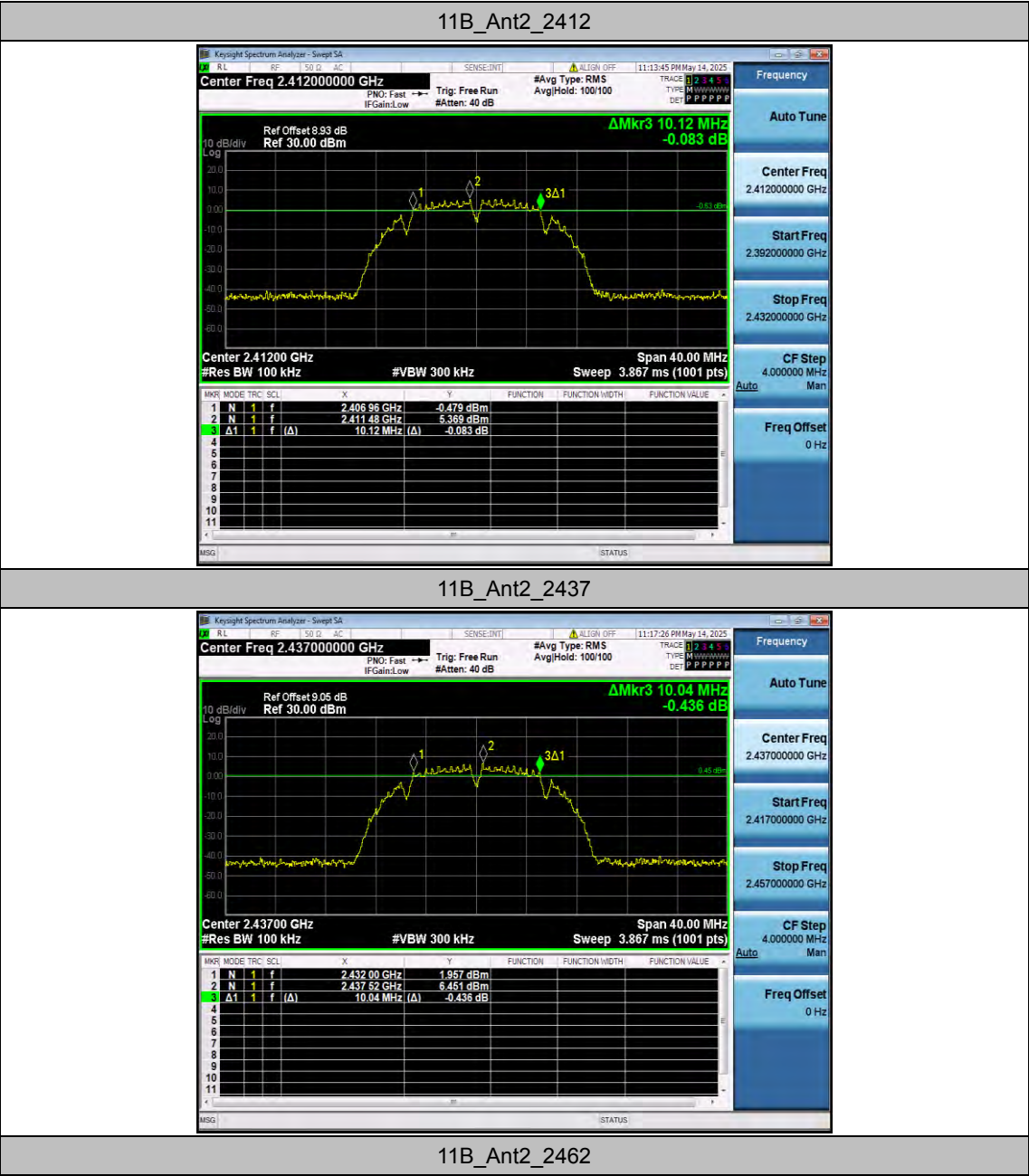
Case No. : <u>GTS20250225018-5-07</u>	
Ambient Condition: <u>21</u> °C, <u>53</u> %RH,	
Test Date: <u>2025.5.14</u>	Test Engineer: <u>Evan ouyang</u>

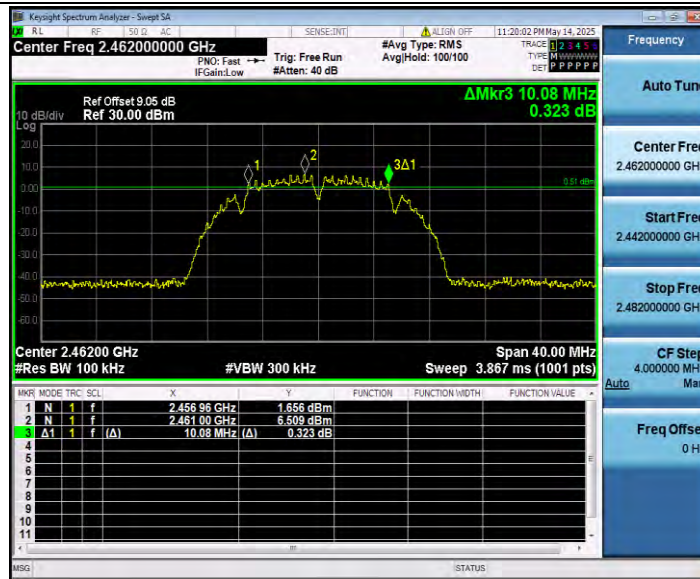
Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.120	2406.960	2417.080	0.5	PASS
		2437	10.040	2432.000	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant2	2412	13.800	2405.680	2419.480	0.5	PASS
		2437	15.040	2429.480	2444.520	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant2	2412	14.480	2405.680	2420.160	0.5	PASS
		2437	12.960	2429.440	2442.400	0.5	PASS
		2462	15.280	2454.240	2469.520	0.5	PASS
11N40SISO	Ant2	2422	30.480	2406.960	2437.440	0.5	PASS
		2437	30.000	2424.520	2454.520	0.5	PASS
		2452	28.160	2436.960	2465.120	0.5	PASS

Test Graphs





11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



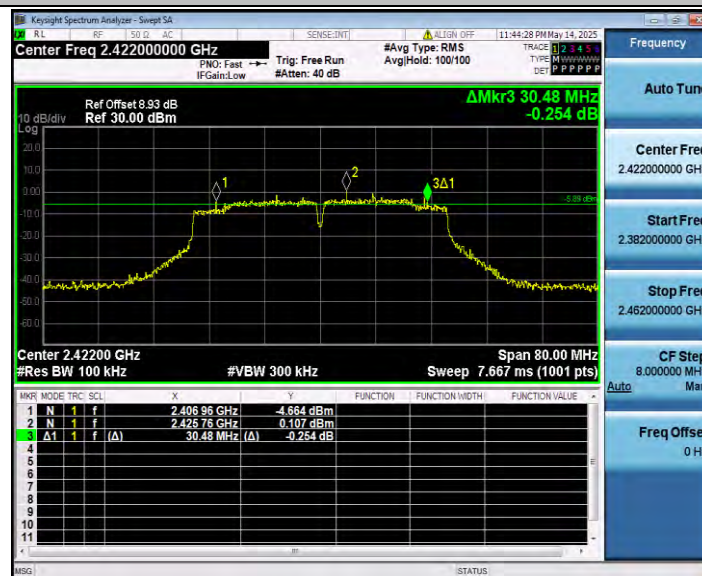
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



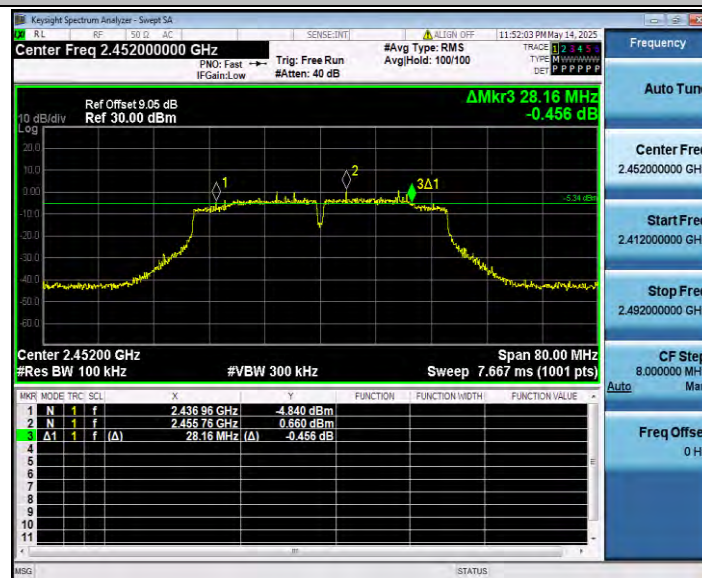
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



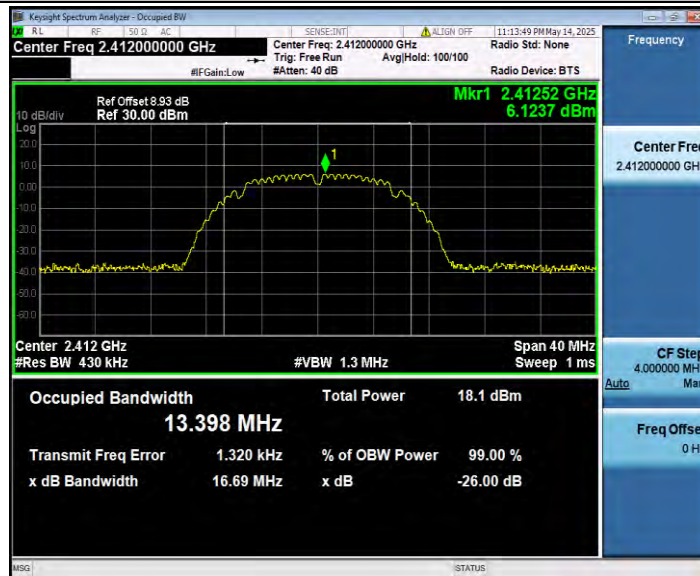
Appendix A.2: Occupied Channel Bandwidth

Test Result

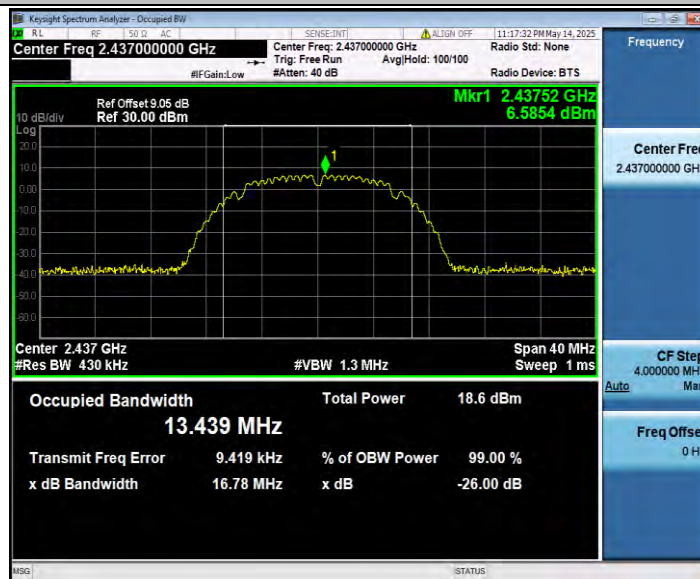
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.398	2405.3023	2418.7003	---	---
		2437	13.439	2430.2899	2443.7289	---	---
		2462	13.400	2455.2934	2468.6934	---	---
11G	Ant2	2412	16.829	2403.5962	2420.4252	---	---
		2437	16.876	2428.5857	2445.4617	---	---
		2462	16.777	2453.6169	2470.3939	---	---
11N20SISO	Ant2	2412	17.926	2403.0479	2420.9739	---	---
		2437	18.006	2428.0223	2446.0283	---	---
		2462	17.823	2453.0861	2470.9091	---	---
11N40SISO	Ant2	2422	36.060	2404.1551	2440.2151	---	---
		2437	36.174	2419.0520	2455.2260	---	---
		2452	36.067	2434.0290	2470.0960	---	---

Test Graphs

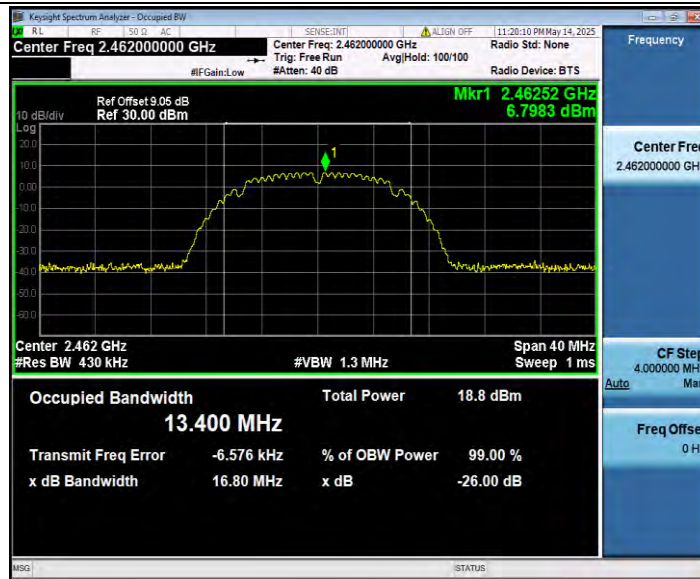
11B_Ant2_2412



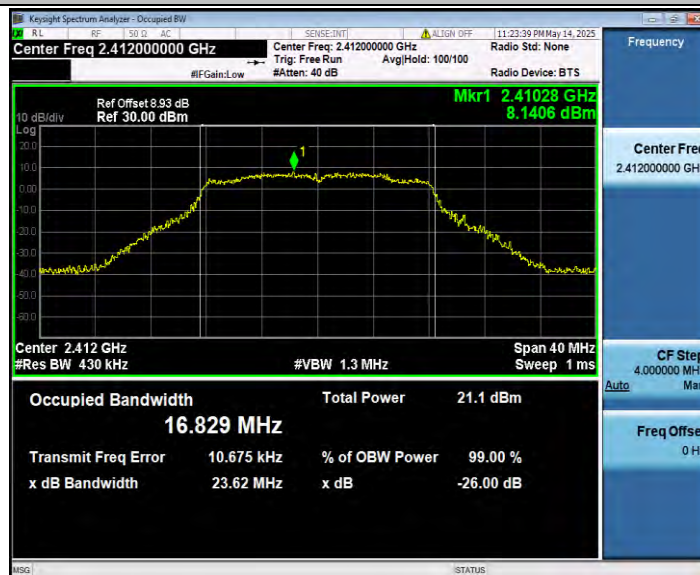
11B_Ant2_2437



11B_Ant2_2462



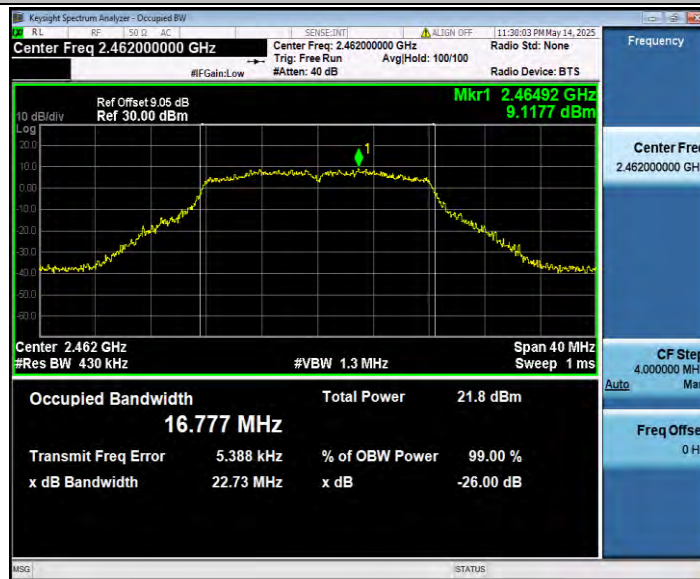
11G_Ant2_2412



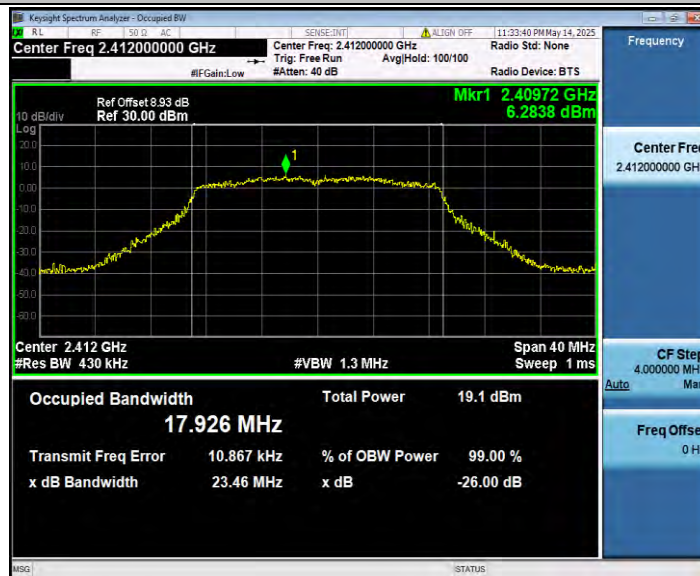
11G_Ant2_2437



11G_Ant2_2462



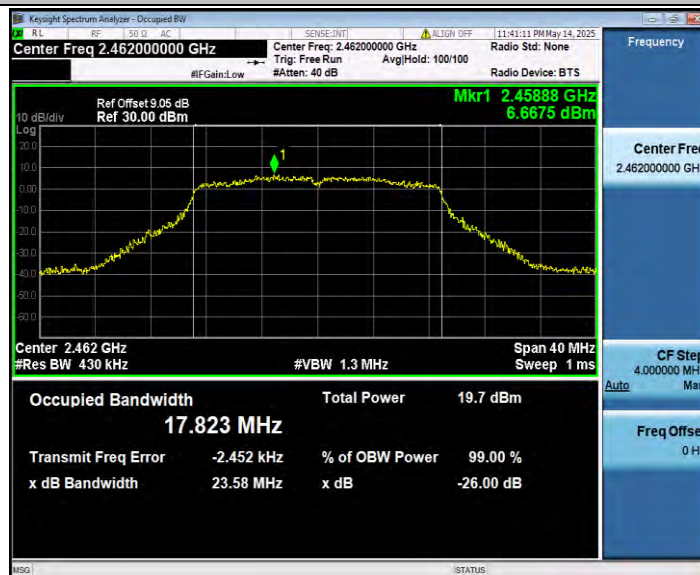
11N20SISO_Ant2_2412



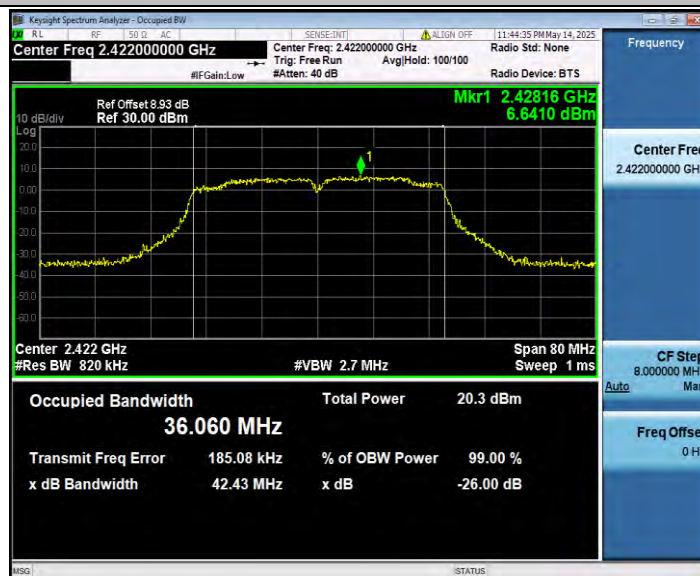
11N20SISO_Ant2_2437



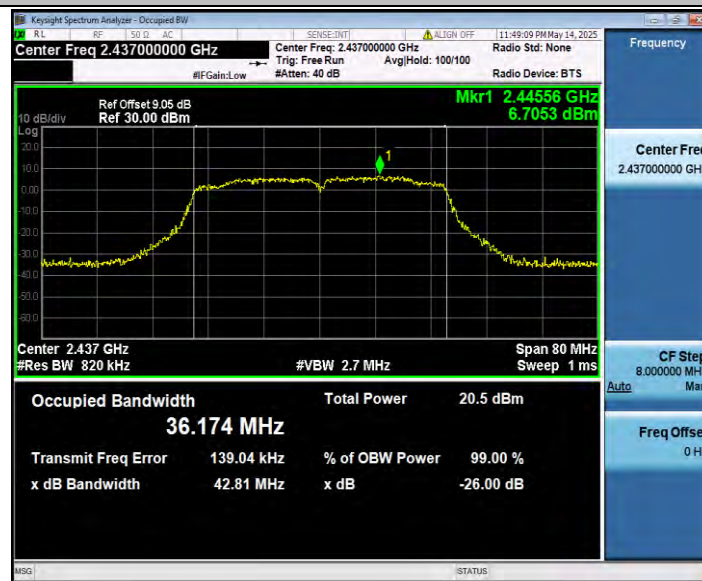
11N20SISO_Ant2_2462



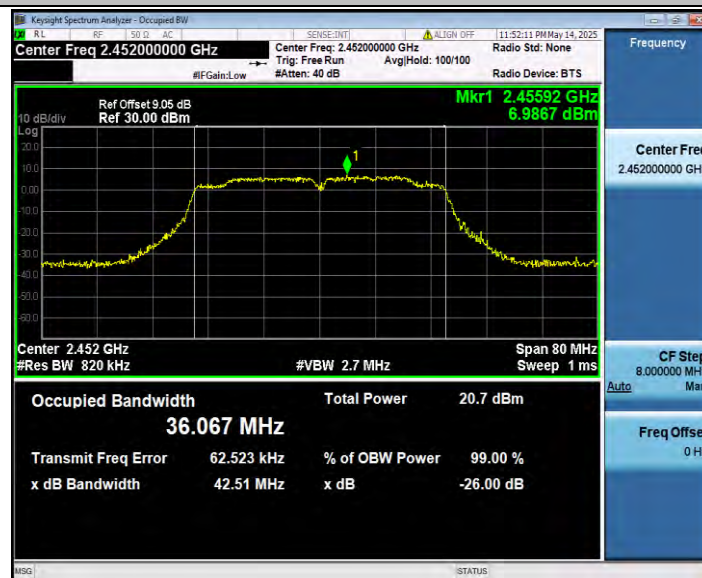
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	18.13	≤30.00	PASS
		2437	18.64	≤30.00	PASS
		2462	18.80	≤30.00	PASS
11G	Ant2	2412	22.08	≤30.00	PASS
		2437	22.65	≤30.00	PASS
		2462	22.84	≤30.00	PASS
11N20SISO	Ant2	2412	20.09	≤30.00	PASS
		2437	20.60	≤30.00	PASS
		2462	20.74	≤30.00	PASS
11N40SISO	Ant2	2422	20.57	≤30.00	PASS
		2437	20.76	≤30.00	PASS
		2452	20.92	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-7.82	≤8.00	PASS
		2437	-7.88	≤8.00	PASS
		2462	-7.97	≤8.00	PASS
11G	Ant2	2412	-10.12	≤8.00	PASS
		2437	-7.84	≤8.00	PASS
		2462	-8.84	≤8.00	PASS
11N20SISO	Ant2	2412	-12.13	≤8.00	PASS
		2437	-10.78	≤8.00	PASS
		2462	-10.48	≤8.00	PASS
11N40SISO	Ant2	2422	-14.41	≤8.00	PASS
		2437	-14.58	≤8.00	PASS
		2452	-14.37	≤8.00	PASS

Test Graphs

11B_Ant2_2412



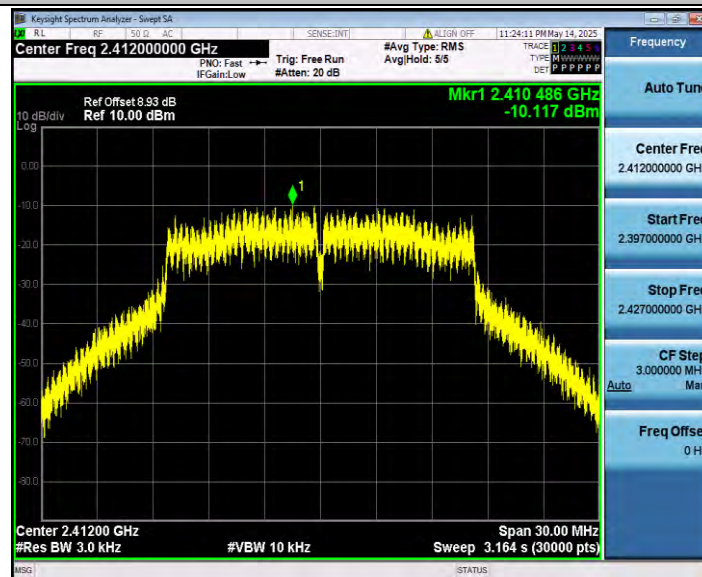
11B_Ant2_2437



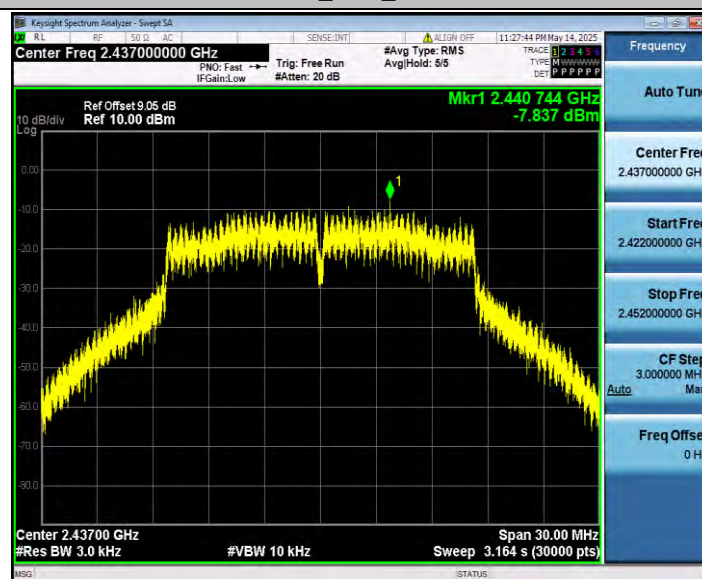
11B_Ant2_2462



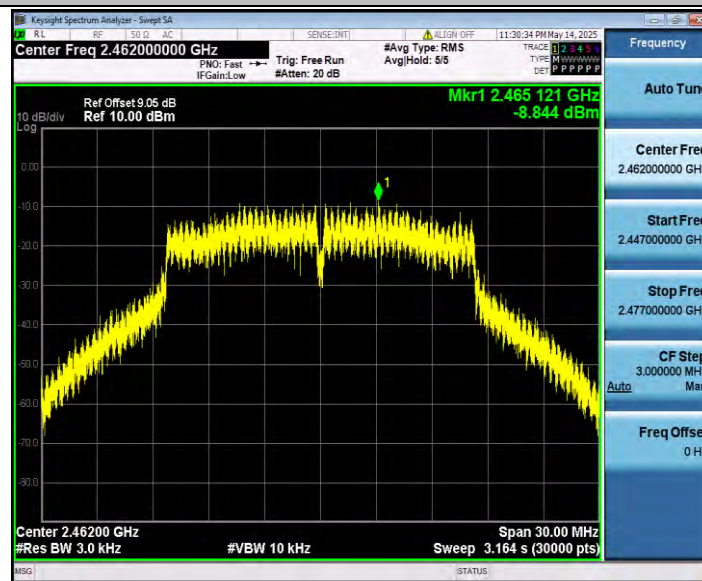
11G_Ant2_2412



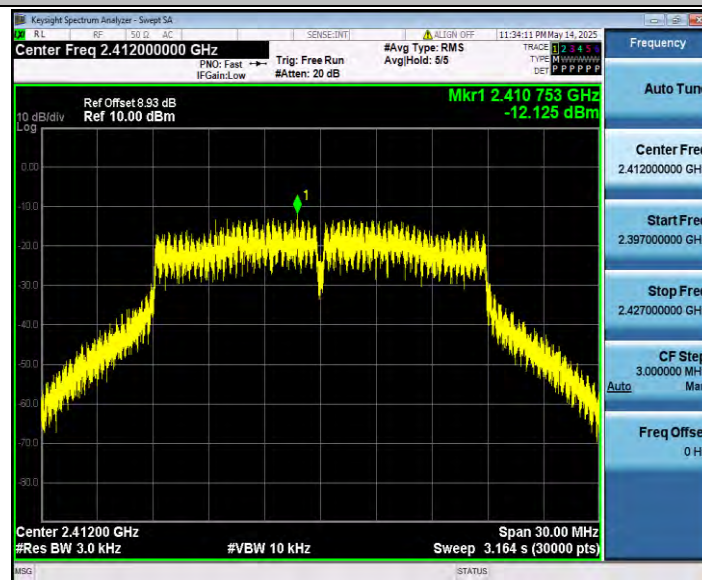
11G_Ant2_2437



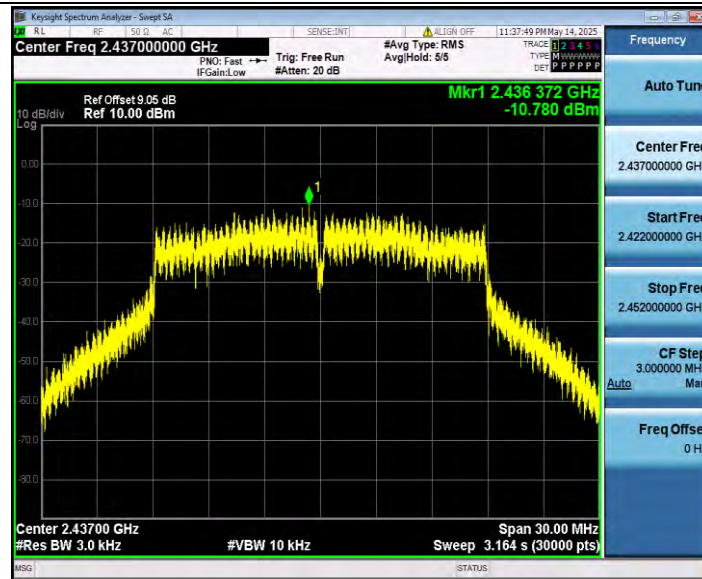
11G_Ant2_2462



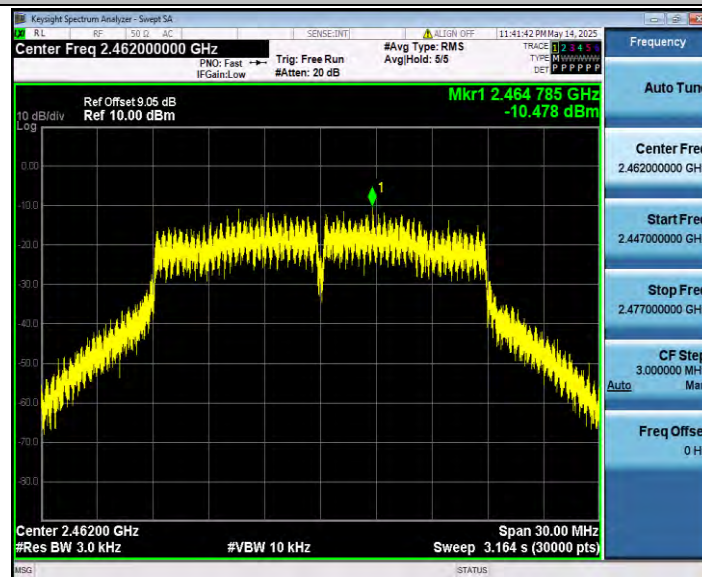
11N20SISO_Ant2_2412



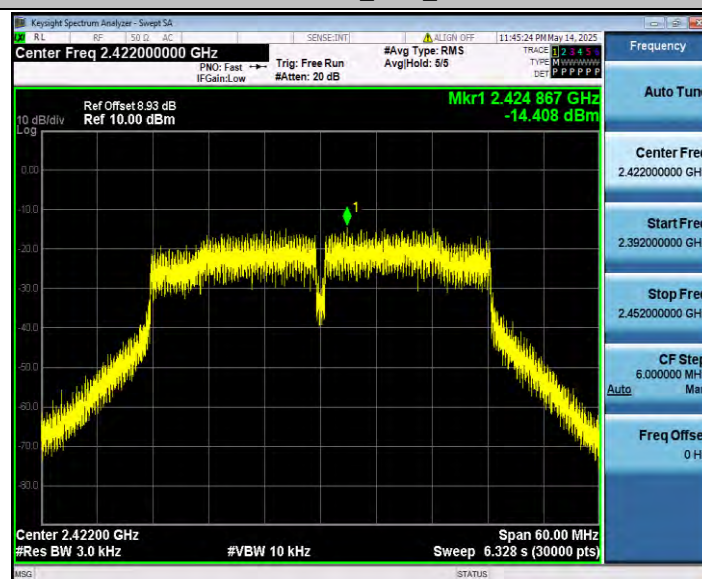
11N20SISO_Ant2_2437



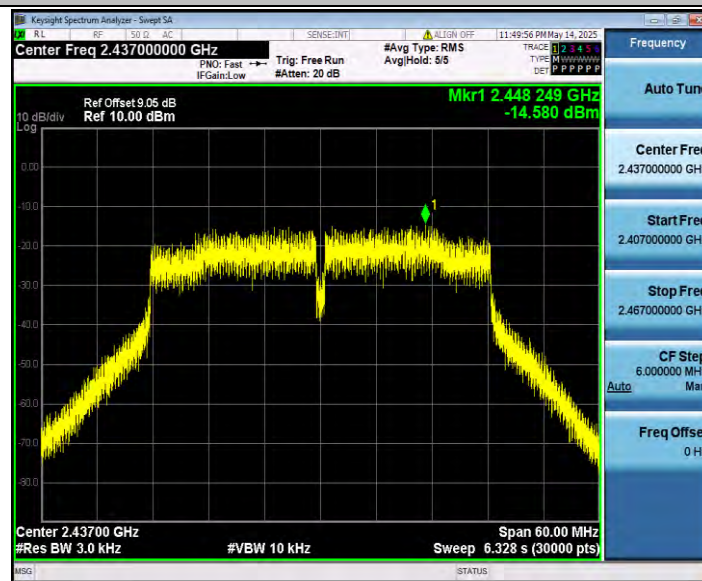
11N20SISO_Ant2_2462



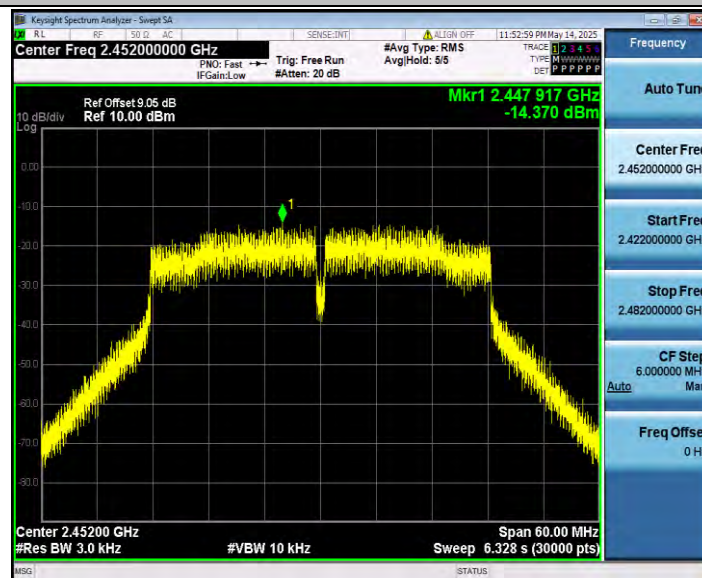
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



Appendix A.5: Band edge measurements

Test Result

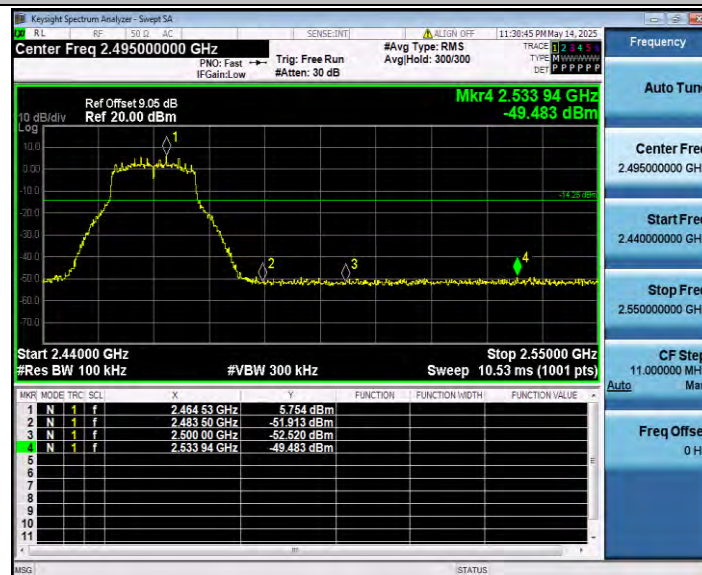
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	5.47	-47.24	≤ -14.53	PASS
		High	2462	6.42	-49.36	≤ -13.58	PASS
11G	Ant2	Low	2412	4.69	-25.82	≤ -15.31	PASS
		High	2462	5.75	-49.48	≤ -14.25	PASS
11N20SISO	Ant2	Low	2412	3.09	-28.21	≤ -16.91	PASS
		High	2462	3.58	-49.59	≤ -16.43	PASS
11N40SISO	Ant2	Low	2422	-0.13	-29.69	≤ -20.13	PASS
		High	2452	0.61	-47.31	≤ -19.39	PASS

Test Graphs

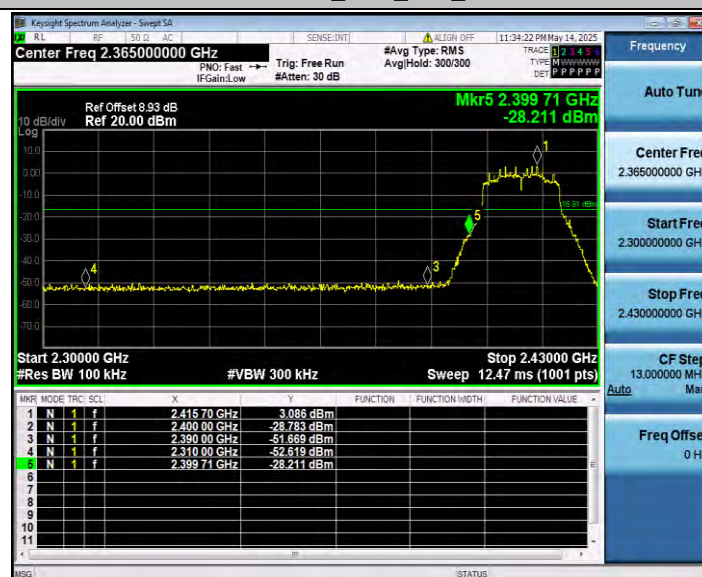




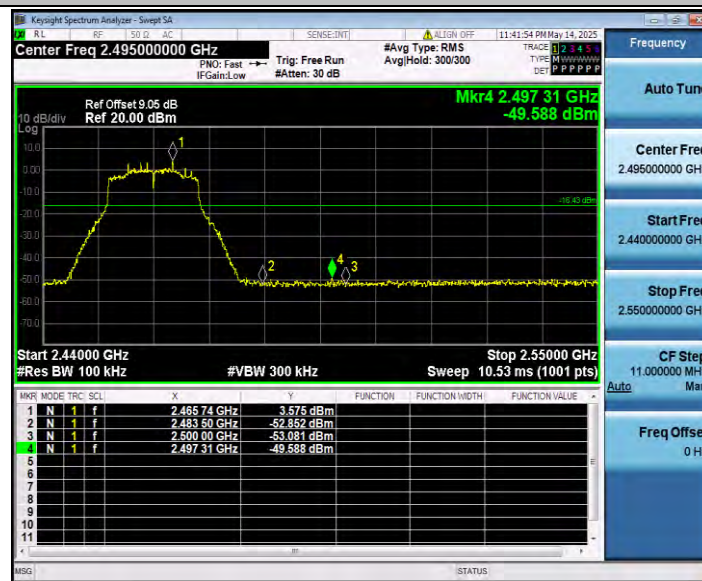
11G_Ant2_High_2462



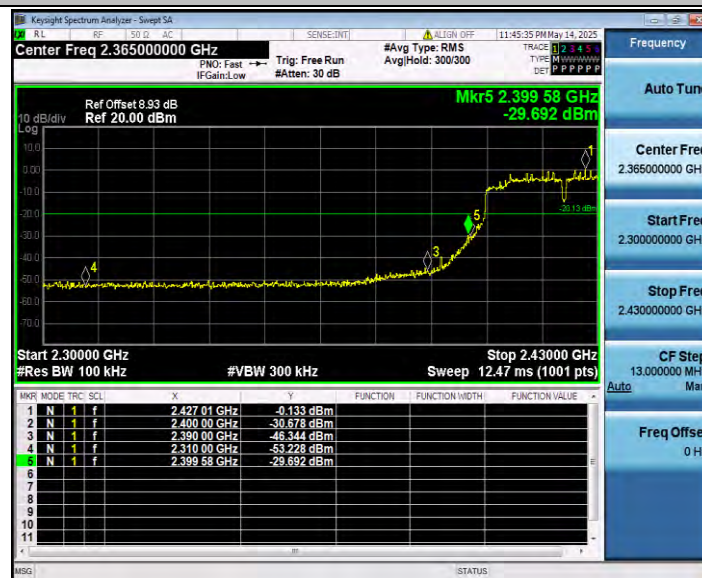
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452

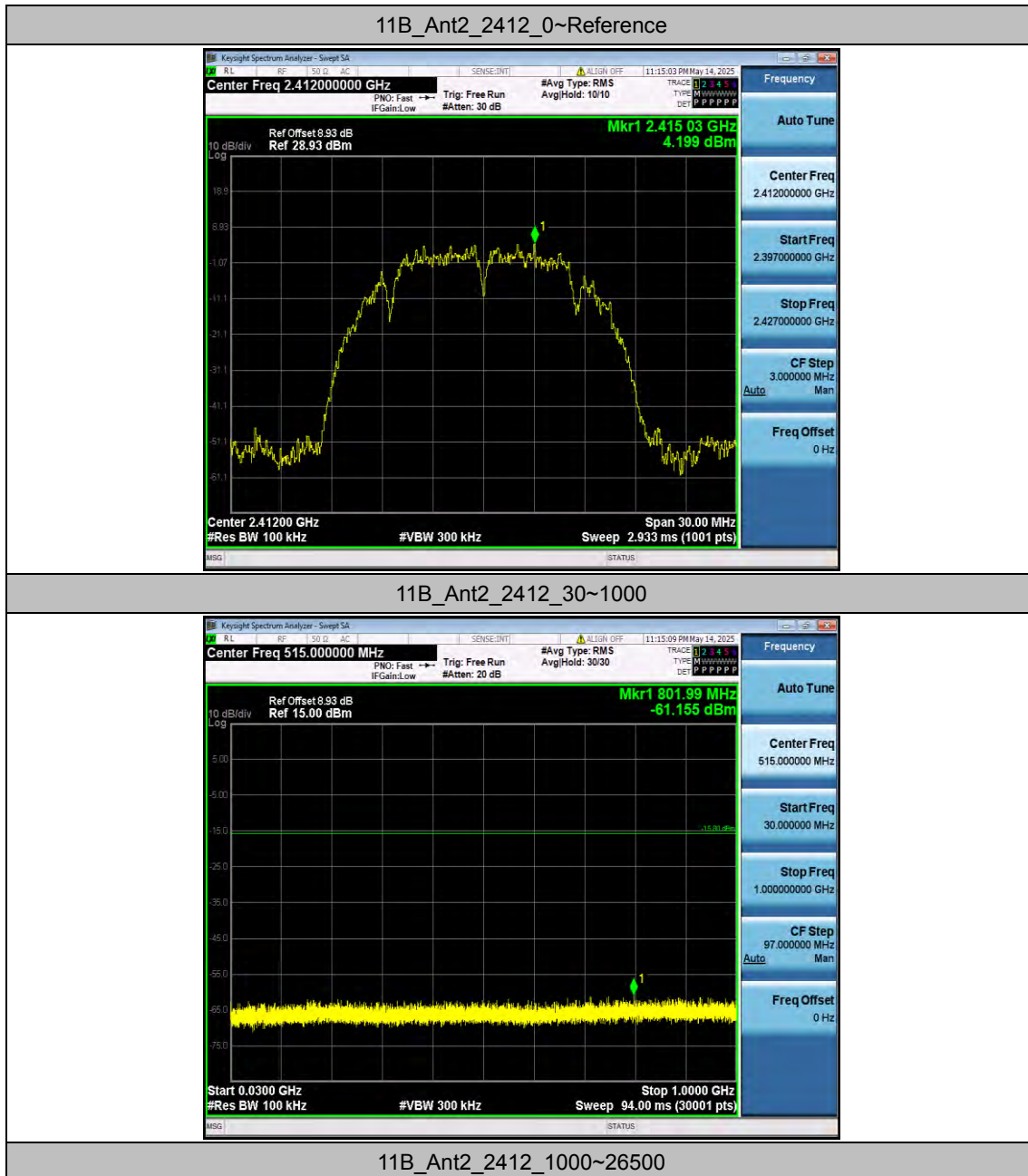


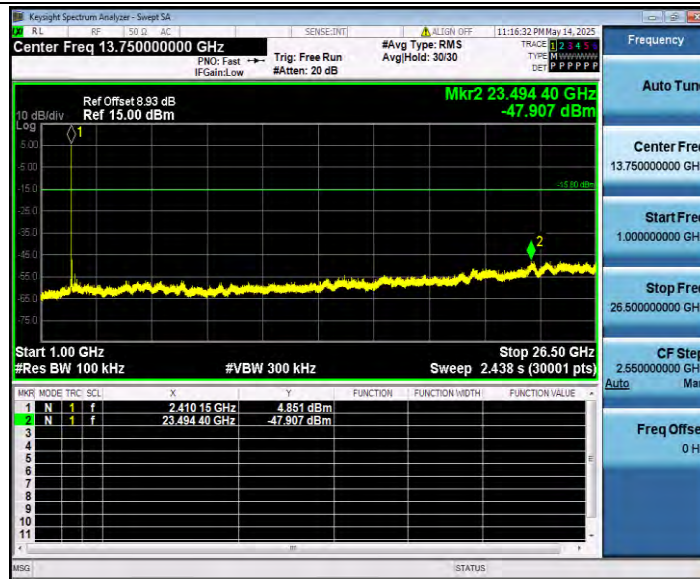
Appendix A.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	4.20	4.20	---	PASS
			30~1000	4.20	-61.16	≤ -15.8	PASS
			1000~26500	4.20	-47.91	≤ -15.8	PASS
		2437	Reference	5.09	5.09	---	PASS
			30~1000	5.09	-60.35	≤ -14.91	PASS
			1000~26500	5.09	-47.81	≤ -14.91	PASS
		2462	Reference	5.22	5.22	---	PASS
			30~1000	5.22	-60.29	≤ -14.78	PASS
			1000~26500	5.22	-46.9	≤ -14.78	PASS
11G	Ant2	2412	Reference	3.40	3.40	---	PASS
			30~1000	3.40	-60.1	≤ -16.6	PASS
			1000~26500	3.40	-47.79	≤ -16.6	PASS
		2437	Reference	1.96	1.96	---	PASS
			30~1000	1.96	-60.89	≤ -18.04	PASS
			1000~26500	1.96	-47.12	≤ -18.04	PASS
		2462	Reference	3.04	3.04	---	PASS
			30~1000	3.04	-60.65	≤ -16.96	PASS
			1000~26500	3.04	-47.16	≤ -16.96	PASS
11N20SISO	Ant2	2412	Reference	0.32	0.32	---	PASS
			30~1000	0.32	-59.9	≤ -19.68	PASS
			1000~26500	0.32	-48	≤ -19.68	PASS
		2437	Reference	0.28	0.28	---	PASS
			30~1000	0.28	-60.78	≤ -19.72	PASS
			1000~26500	0.28	-47.74	≤ -19.72	PASS
		2462	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-60.48	≤ -19.87	PASS
			1000~26500	0.13	-48.07	≤ -19.87	PASS
11N40SISO	Ant2	2422	Reference	-0.54	-0.54	---	PASS
			30~1000	-0.54	-60.13	≤ -20.54	PASS
			1000~26500	-0.54	-47.84	≤ -20.54	PASS
		2437	Reference	-1.50	-1.50	---	PASS
			30~1000	-1.50	-60.33	≤ -21.5	PASS
			1000~26500	-1.50	-47.38	≤ -21.5	PASS
		2452	Reference	-3.00	-3.00	---	PASS
			30~1000	-3.00	-59.79	≤ -23	PASS
			1000~26500	-3.00	-47.86	≤ -23	PASS

Test Graphs

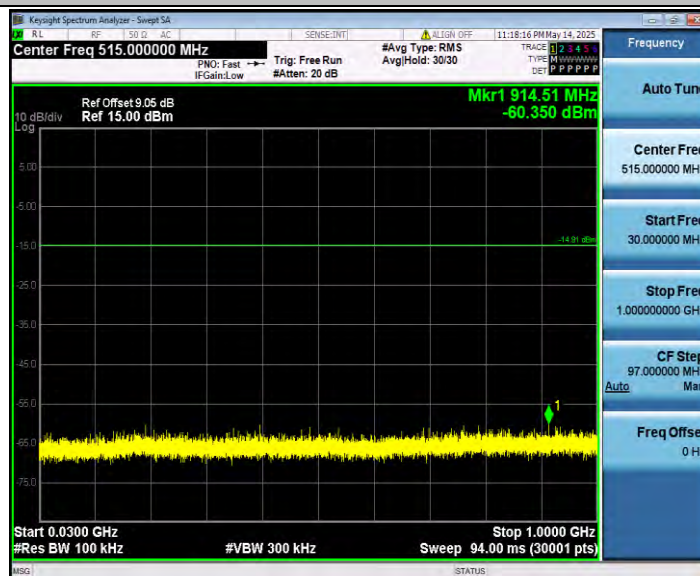




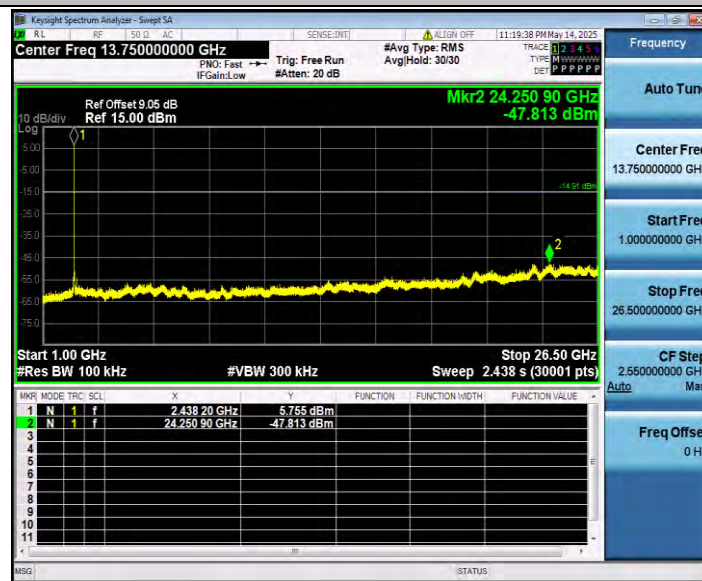
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



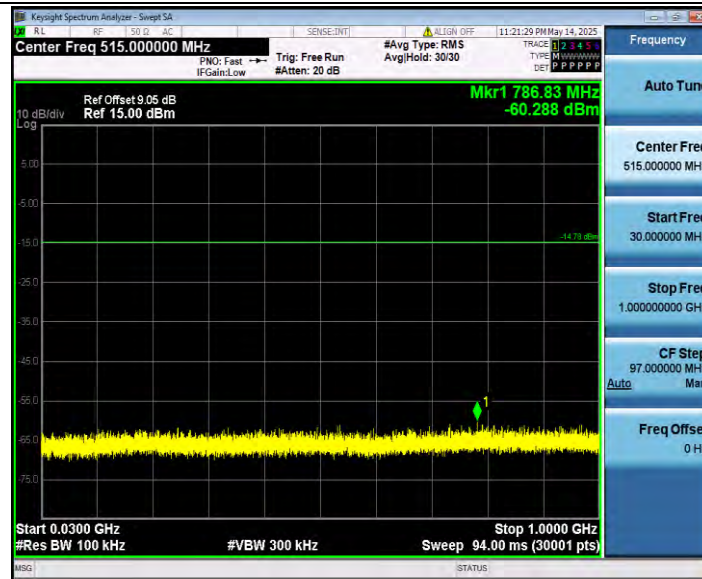
11B_Ant2_2437_1000~26500



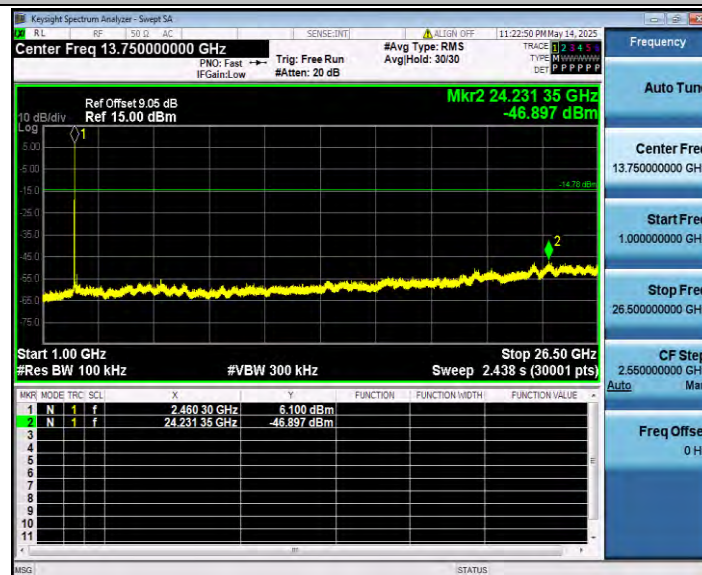
11B_Ant2_2462_0~Reference



11B_Ant2_2462_30~1000



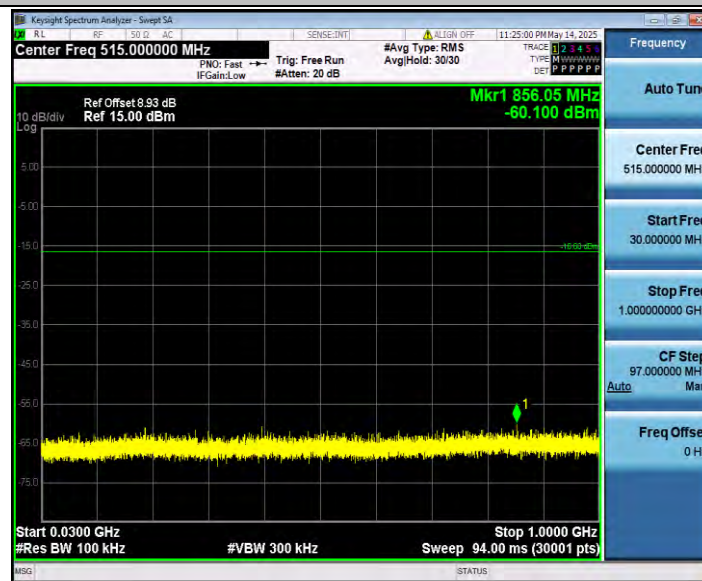
11B_Ant2_2462_1000~26500



11G_Ant2_2412_0~Reference



11G_Ant2_2412_30~1000



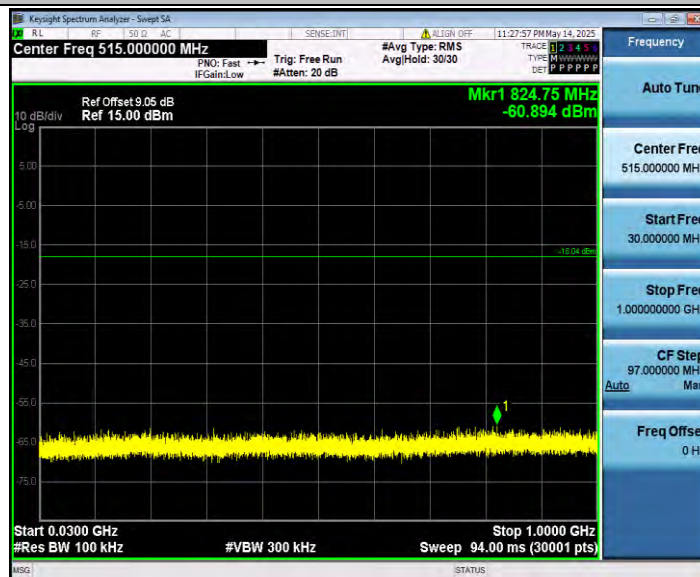
11G_Ant2_2412_1000~26500



11G_Ant2_2437_0~Reference



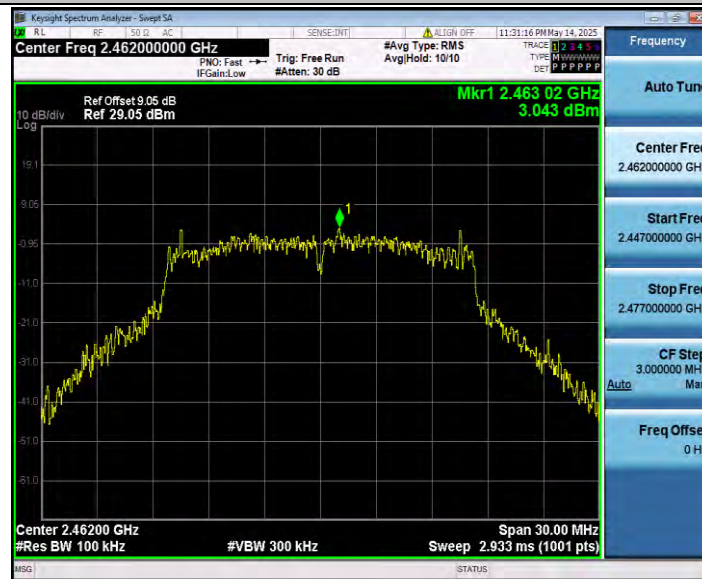
11G_Ant2_2437_30~1000



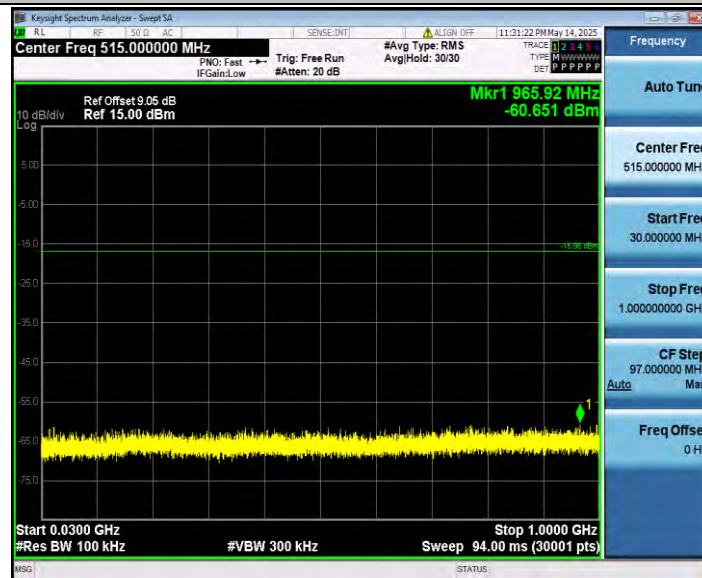
11G_Ant2_2437_1000~26500



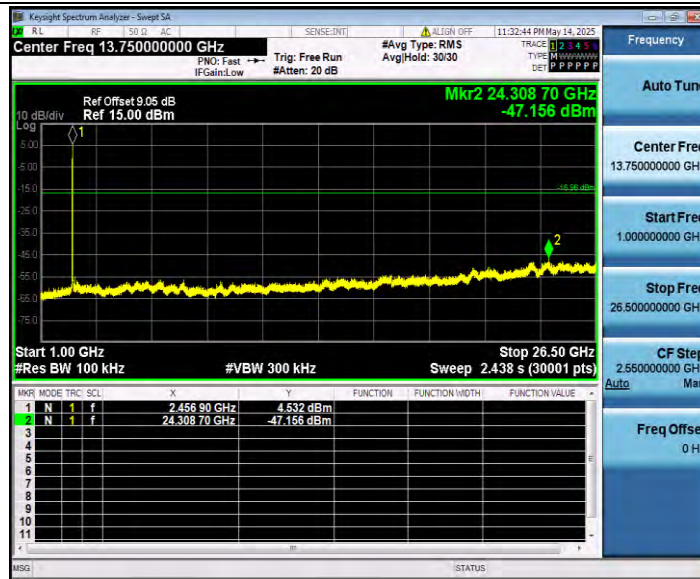
11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



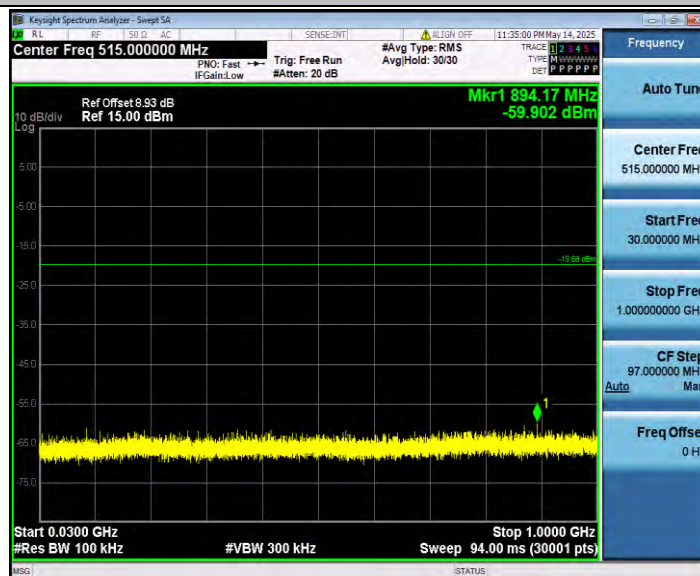
11G_Ant2_2462_1000~26500



11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



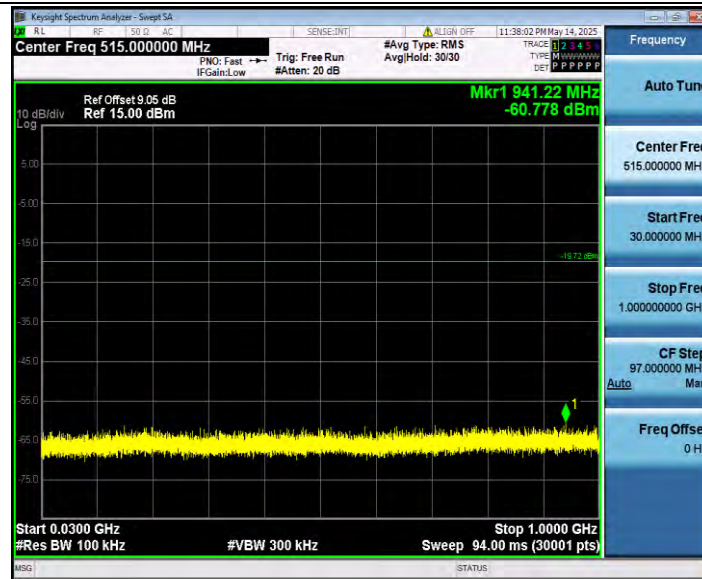
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000

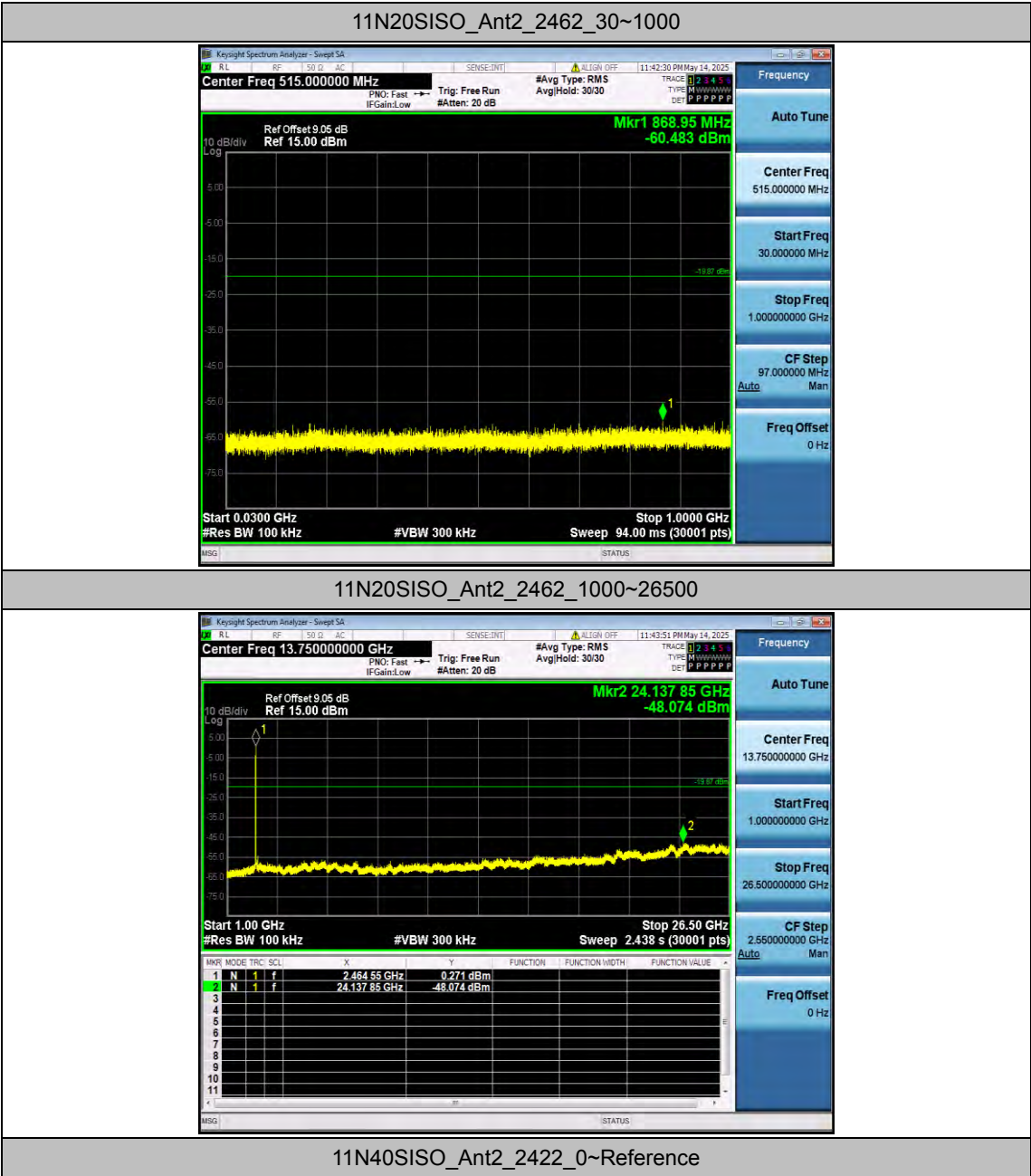


11N20SISO_Ant2_2437_1000~26500



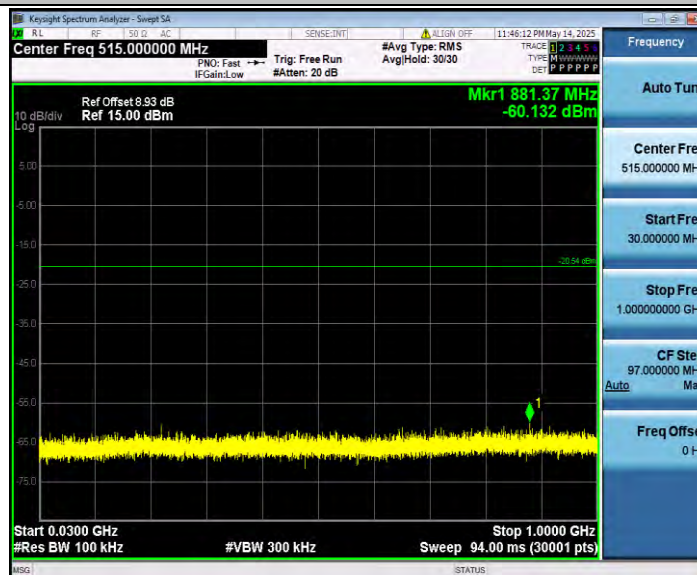
11N20SISO_Ant2_2462_0~Reference



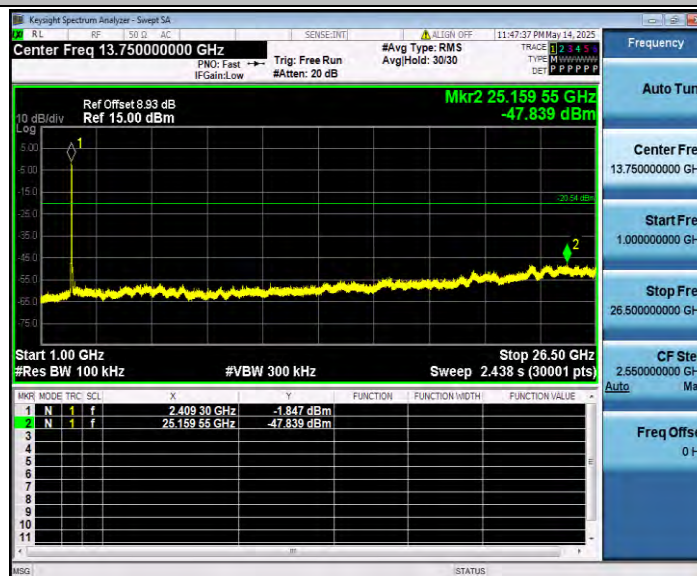




11N40SISO_Ant2_2422_30~1000



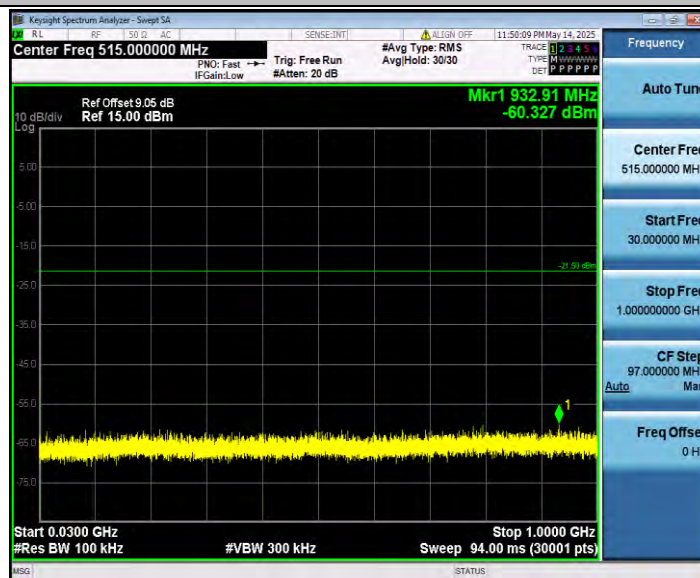
11N40SISO_Ant2_2422_1000~26500



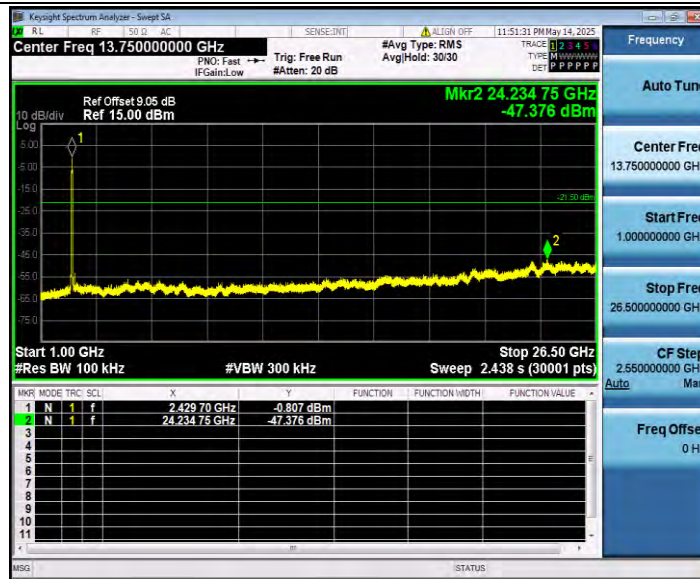
11N40SISO_Ant2_2437_0~Reference



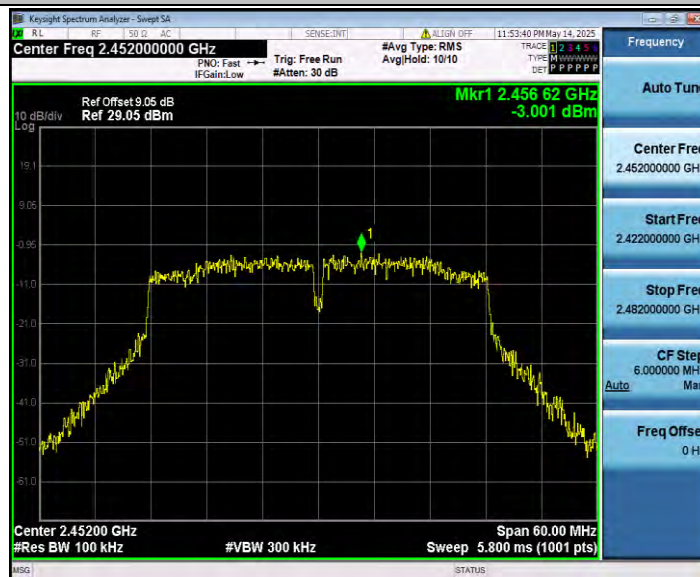
11N40SISO_Ant2_2437_30~1000



11N40SISO_Ant2_2437_1000~26500



11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000

