

Case No. : <u>GTS20250319016-1-10</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.4.14</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	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.120	2431.920	2442.040	0.5	PASS
		2462	10.120	2456.920	2467.040	0.5	PASS
11G	Ant2	2412	16.520	2403.720	2420.240	0.5	PASS
		2437	16.560	2428.720	2445.280	0.5	PASS
		2462	16.520	2453.720	2470.240	0.5	PASS
11N20SISO	Ant2	2412	17.680	2403.120	2420.800	0.5	PASS
		2437	17.720	2428.160	2445.880	0.5	PASS
		2462	17.720	2453.120	2470.840	0.5	PASS
11N40SISO	Ant2	2422	36.480	2403.760	2440.240	0.5	PASS
		2437	36.480	2418.760	2455.240	0.5	PASS
		2452	36.480	2433.760	2470.240	0.5	PASS

Test Graphs

11B_Ant2_2412



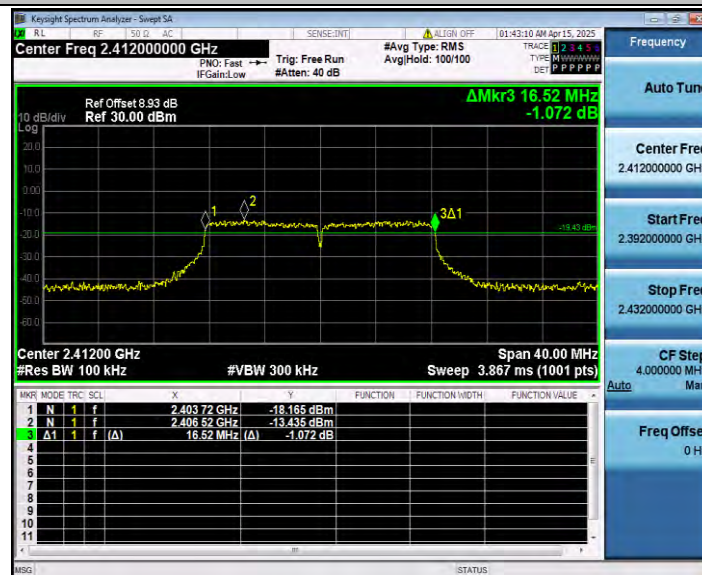
11B_Ant2_2437



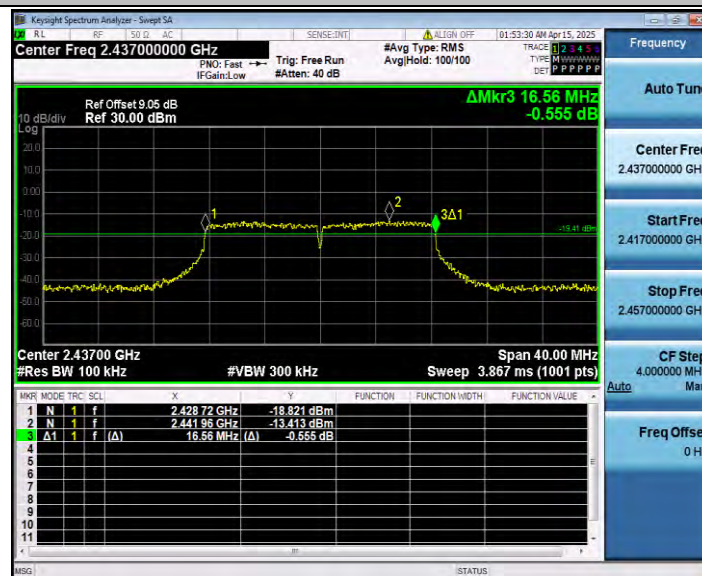
11B_Ant2_2462



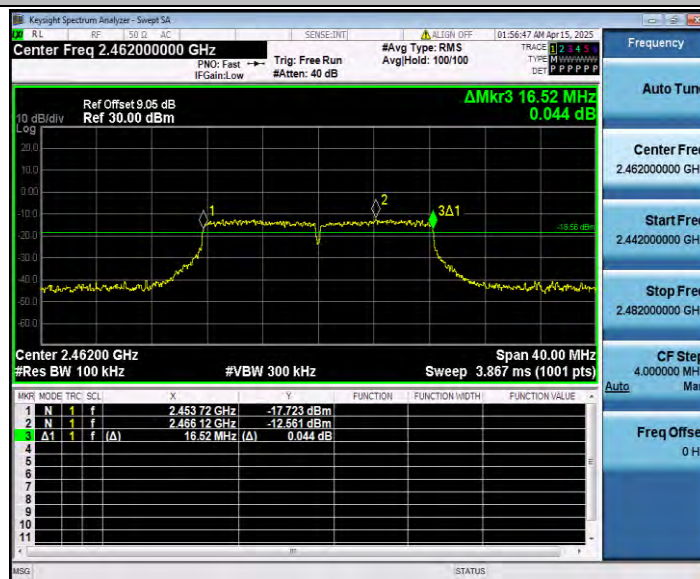
11G_Ant2_2412



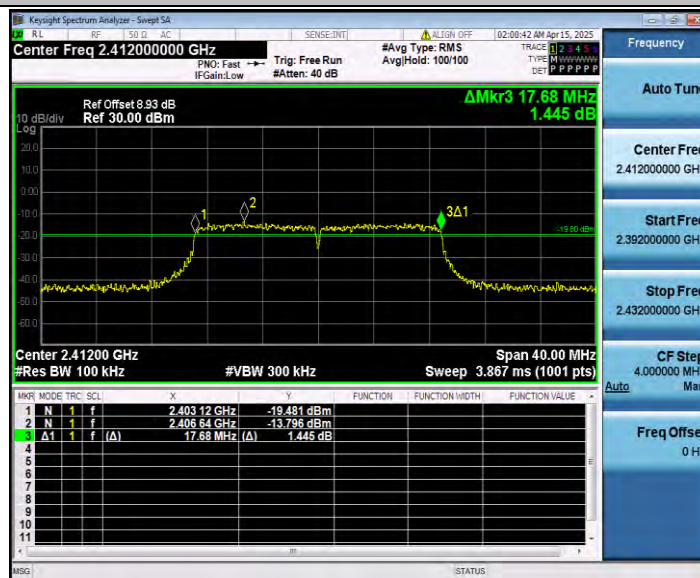
11G_Ant2_2437



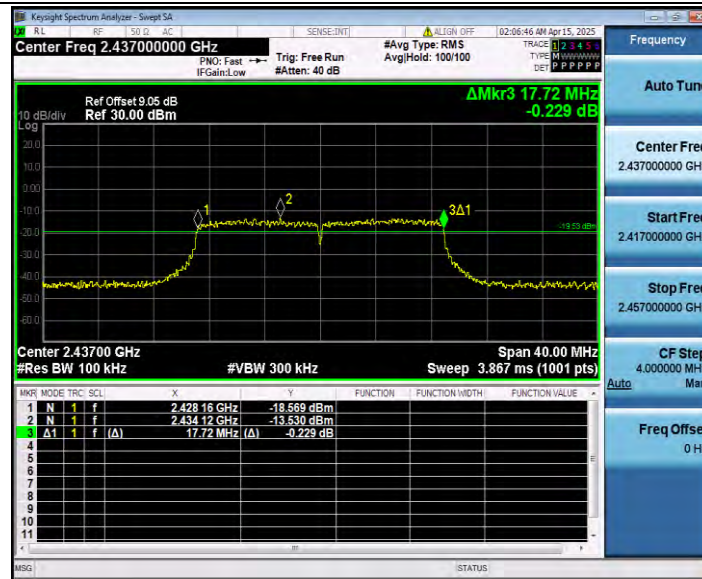
11G_Ant2_2462



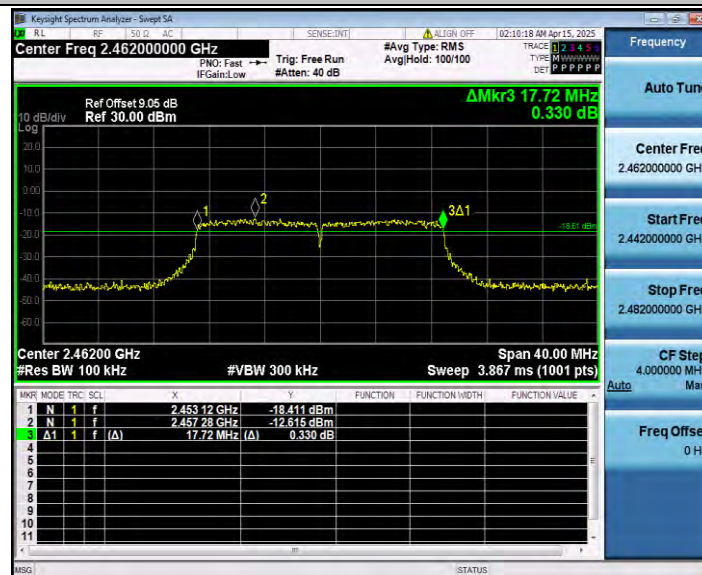
11N20SISO_Ant2_2412



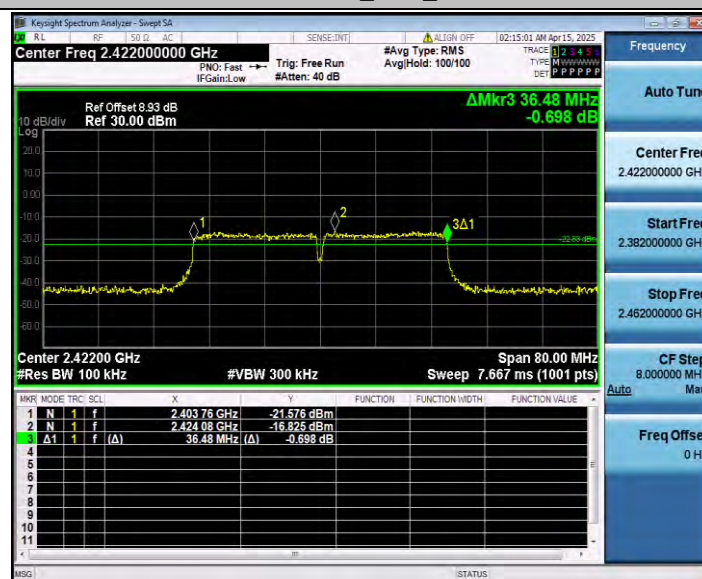
11N20SISO_Ant2_2437



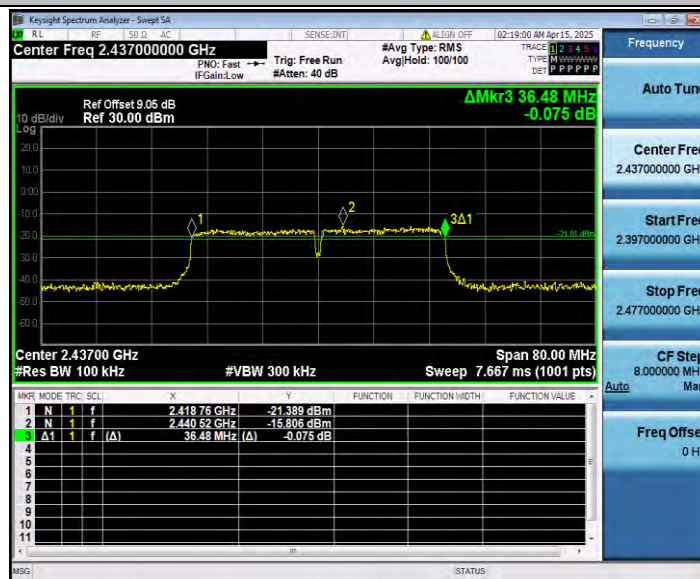
11N20SISO_Ant2_2462



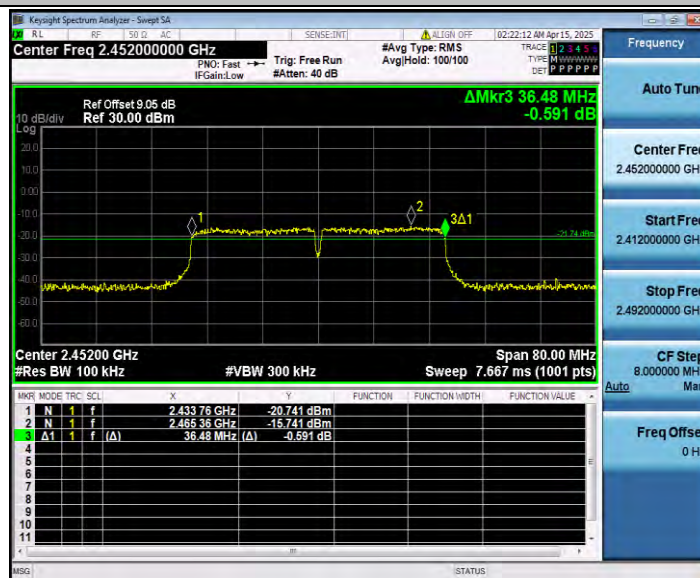
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	15.252	2404.3381	2419.5901	---	---
		2437	15.268	2429.3959	2444.6639	---	---
		2462	15.219	2454.3713	2469.5903	---	---
11G	Ant2	2412	17.171	2403.3099	2420.4809	---	---
		2437	17.047	2428.4775	2445.5245	---	---
		2462	17.119	2453.3451	2470.4641	---	---
11N20SISO	Ant2	2412	18.212	2402.8437	2421.0557	---	---
		2437	18.206	2427.8893	2446.0953	---	---
		2462	18.082	2452.9488	2471.0308	---	---
11N40SISO	Ant2	2422	37.080	2403.5095	2440.5895	---	---
		2437	36.931	2418.6308	2455.5618	---	---
		2452	36.749	2433.6868	2470.4358	---	---

Test Graphs



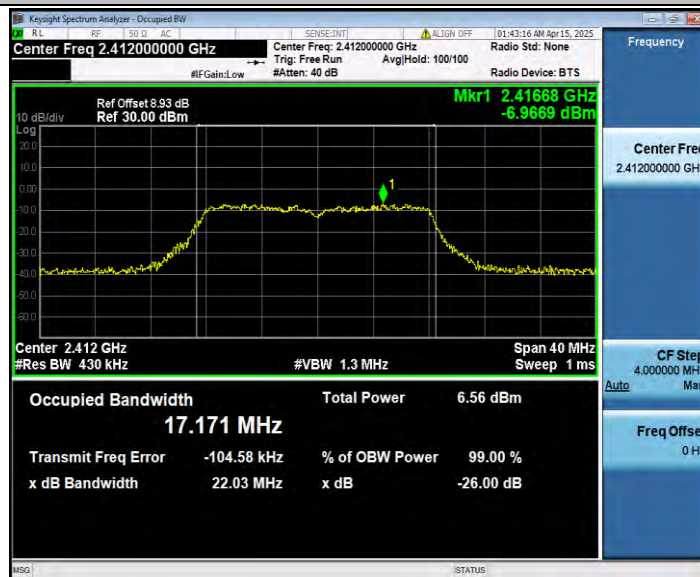
11B_Ant2_2437

Frequency
Center Freq
2.437000000 GHz
CF Step
4.000000 MHz
Auto
Man
Freq Offset
0 Hz

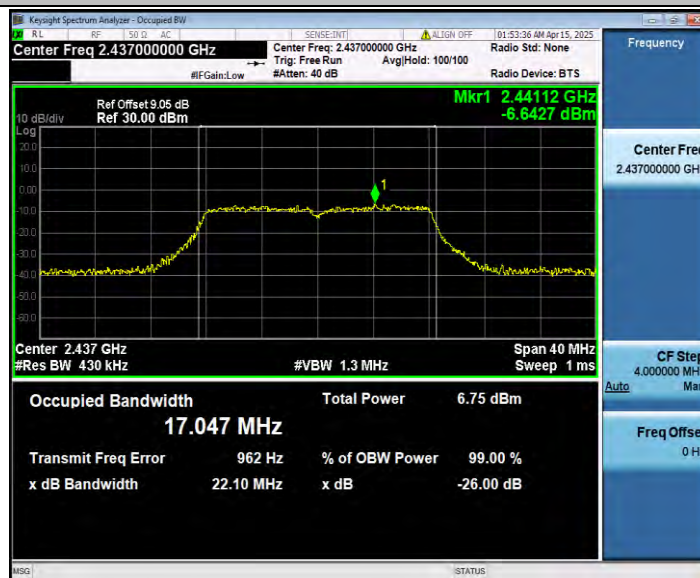
11B_Ant2_2462



11G_Ant2_2412



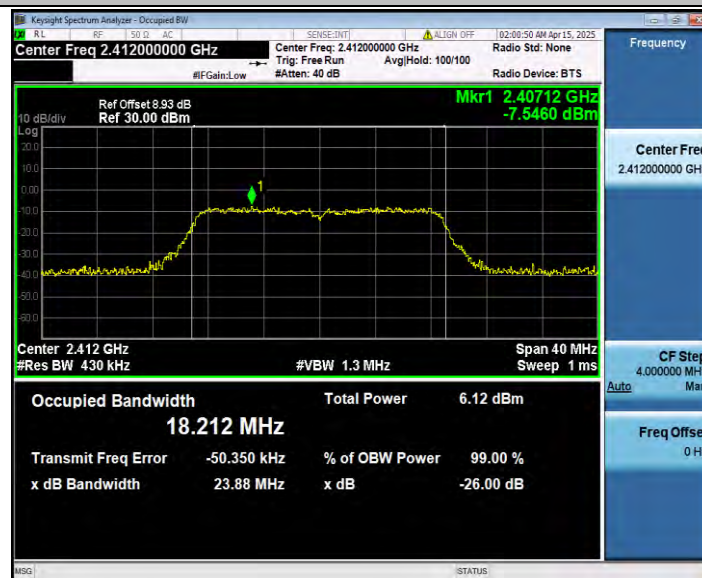
11G_Ant2_2437



11G_Ant2_2462



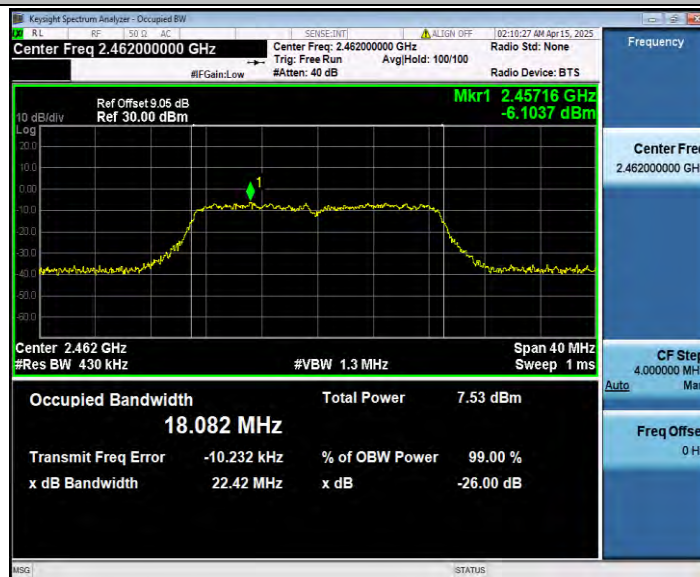
11N20SISO_Ant2_2412



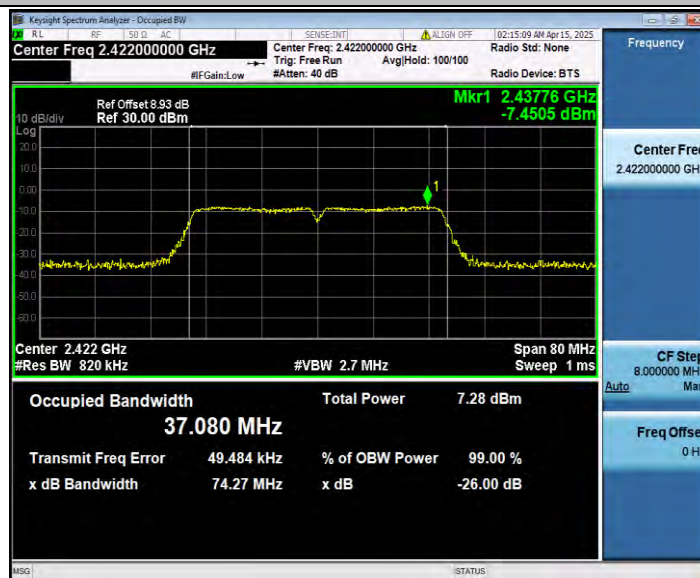
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



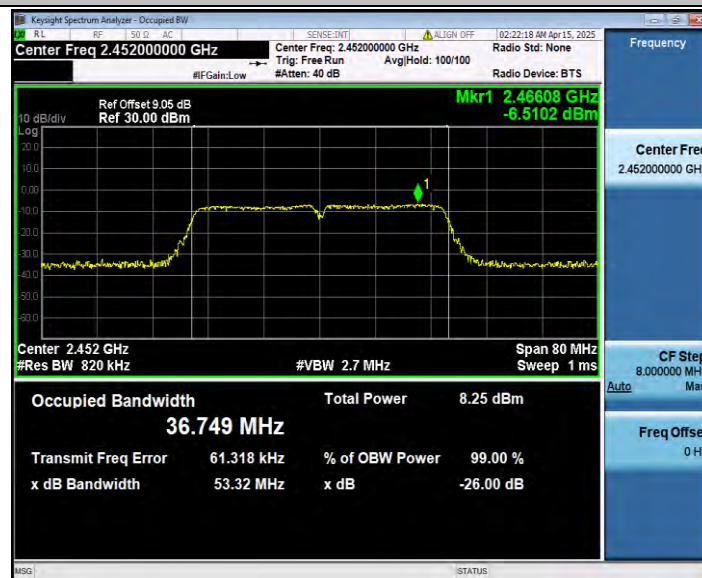
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	8.94	≤30.00	PASS
		2437	8.91	≤30.00	PASS
		2462	8.67	≤30.00	PASS
11G	Ant2	2412	7.70	≤30.00	PASS
		2437	7.85	≤30.00	PASS
		2462	8.58	≤30.00	PASS
11N20SISO	Ant2	2412	7.57	≤30.00	PASS
		2437	8.11	≤30.00	PASS
		2462	8.91	≤30.00	PASS
11N40SISO	Ant2	2422	7.63	≤30.00	PASS
		2437	8.10	≤30.00	PASS
		2452	8.58	≤30.00	PASS

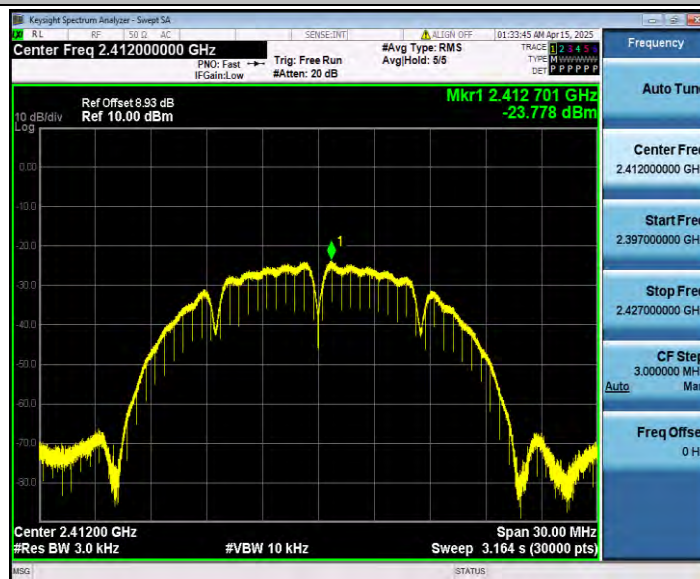
Appendix C.4: Maximum power spectral density

Test Result

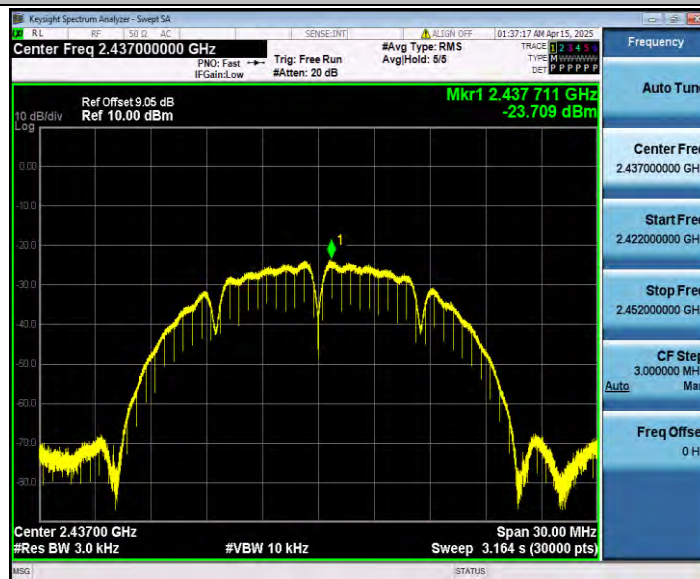
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-23.78	≤8.00	PASS
		2437	-23.71	≤8.00	PASS
		2462	-22.71	≤8.00	PASS
11G	Ant2	2412	-27.90	≤8.00	PASS
		2437	-26.99	≤8.00	PASS
		2462	-26.73	≤8.00	PASS
11N20SISO	Ant2	2412	-27.30	≤8.00	PASS
		2437	-27.13	≤8.00	PASS
		2462	-26.17	≤8.00	PASS
11N40SISO	Ant2	2422	-28.78	≤8.00	PASS
		2437	-27.91	≤8.00	PASS
		2452	-27.78	≤8.00	PASS

Test Graphs

11B_Ant2_2412



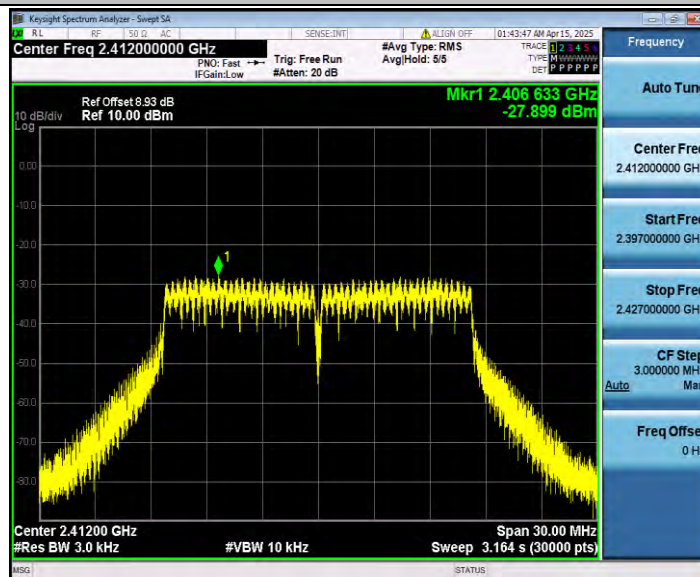
11B_Ant2_2437



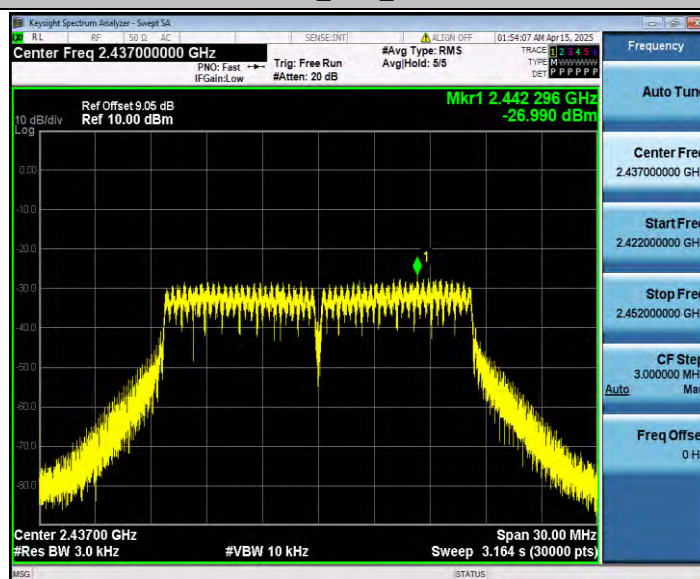
11B_Ant2_2462



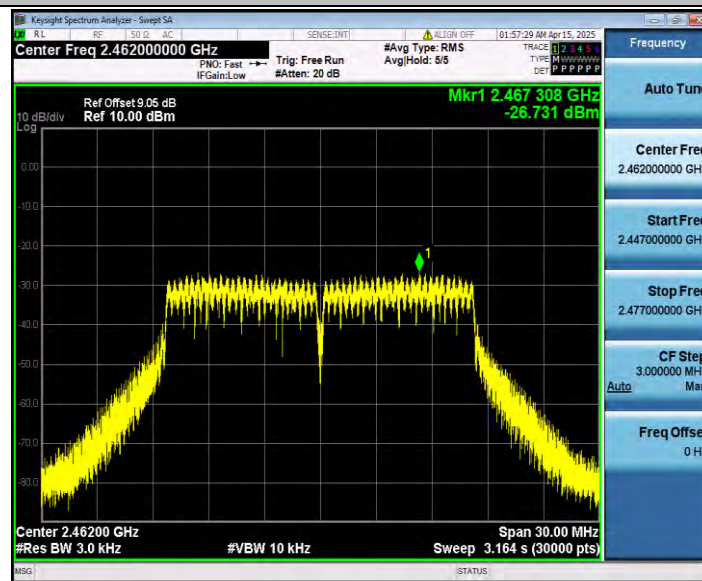
11G_Ant2_2412



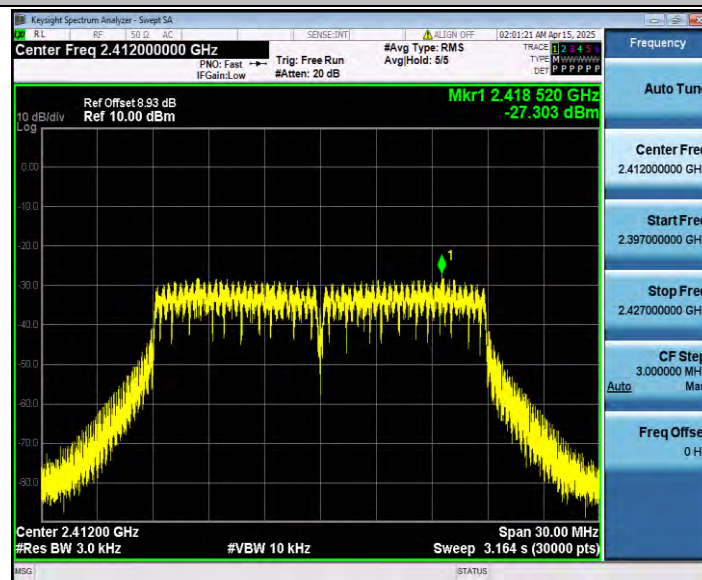
11G_Ant2_2437



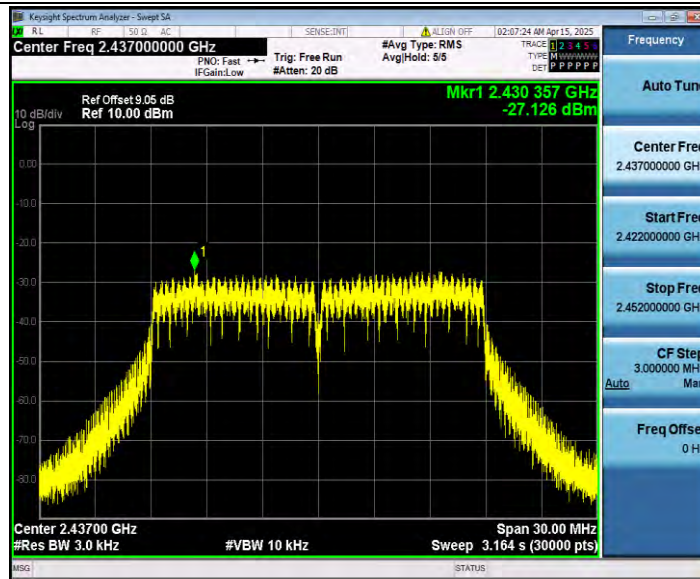
11G_Ant2_2462



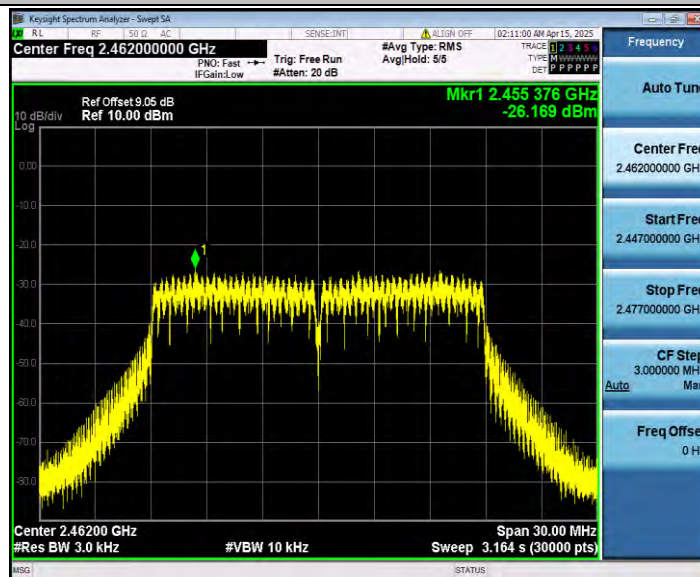
11N20SISO_Ant2_2412



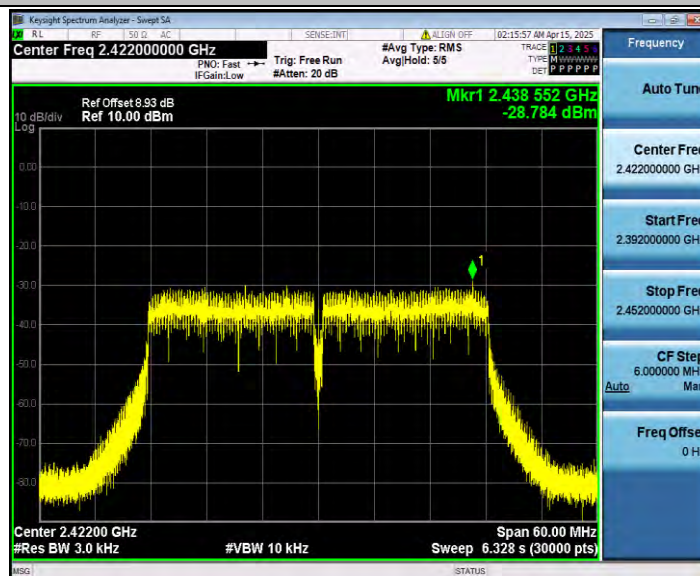
11N20SISO_Ant2_2437



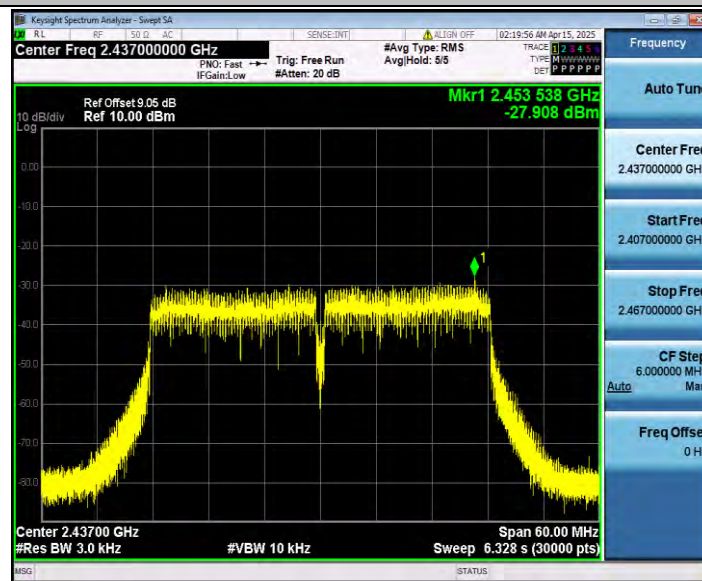
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



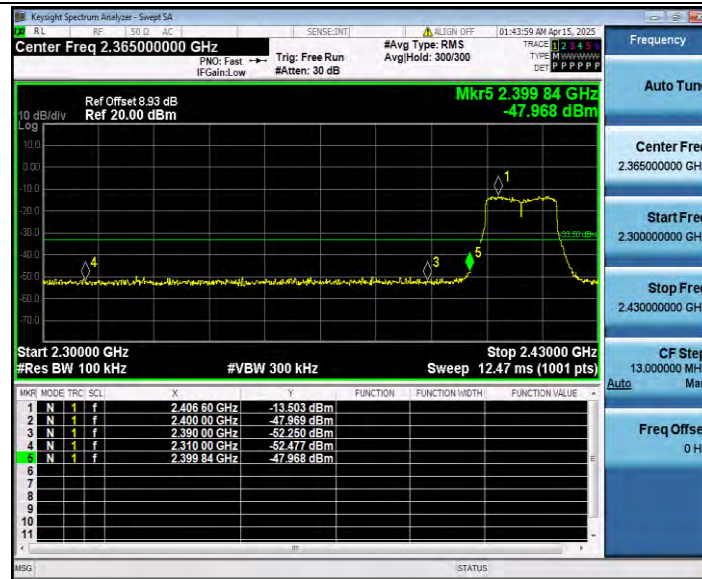
Appendix C.5: Band edge measurements

Test Result

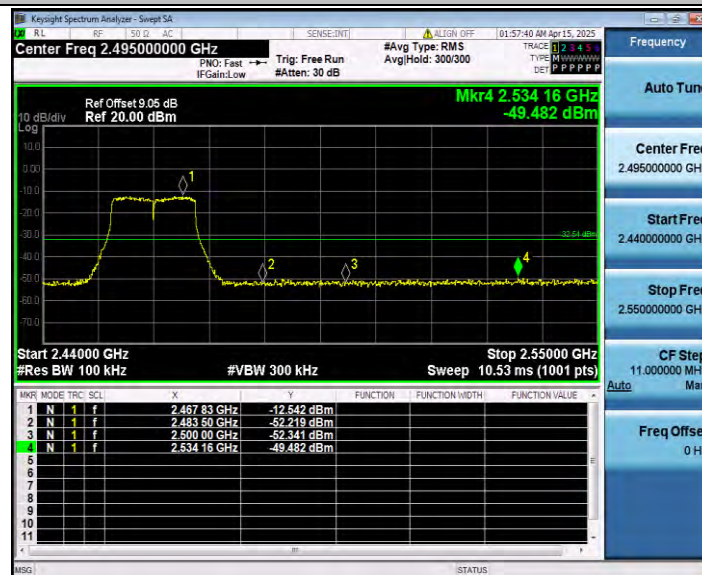
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-4.46	-46.25	≤ -24.46	PASS
		High	2462	-3.54	-49.5	≤ -23.54	PASS
11G	Ant2	Low	2412	-13.50	-47.97	≤ -33.5	PASS
		High	2462	-12.54	-49.48	≤ -32.54	PASS
11N20SISO	Ant2	Low	2412	-13.78	-47.5	≤ -33.78	PASS
		High	2462	-12.59	-49.37	≤ -32.59	PASS
11N40SISO	Ant2	Low	2422	-17.05	-47.85	≤ -37.05	PASS
		High	2452	-15.35	-48.05	≤ -35.35	PASS

Test Graphs

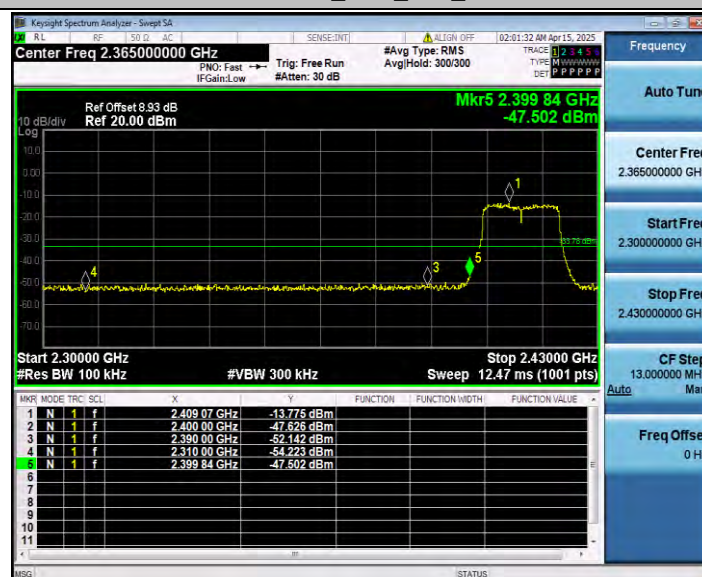




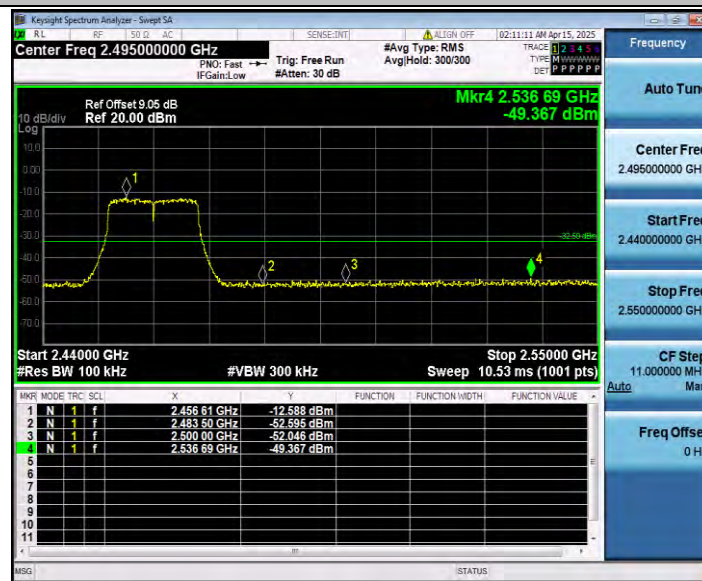
11G_Ant2_High_2462



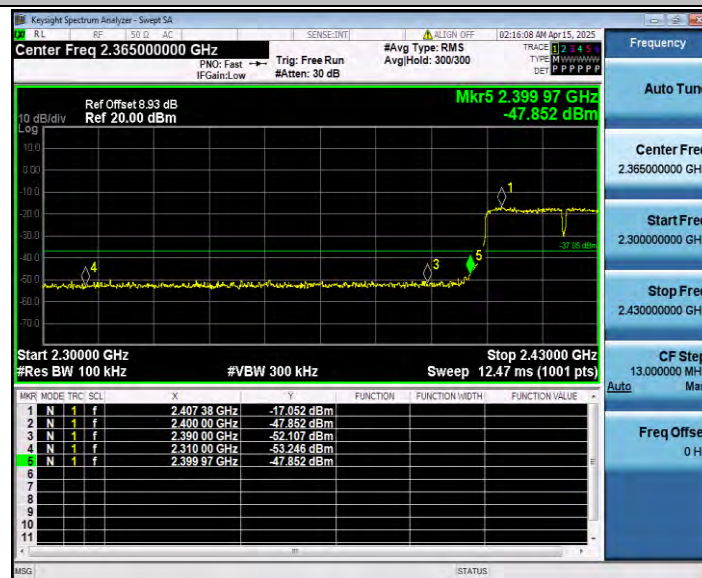
11N20SISO_Ant2_Low_2412



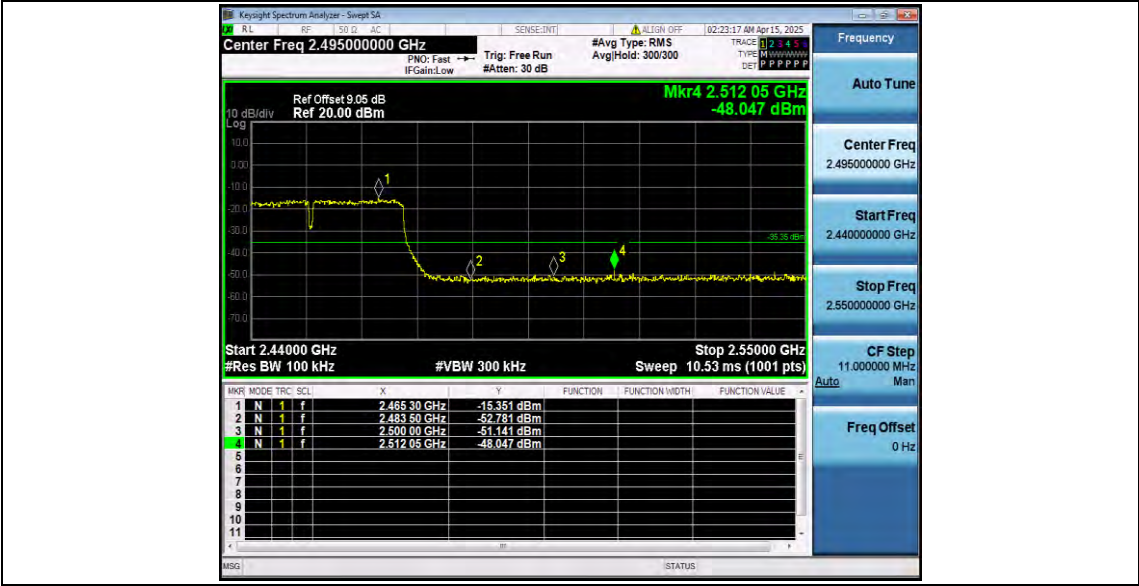
11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452

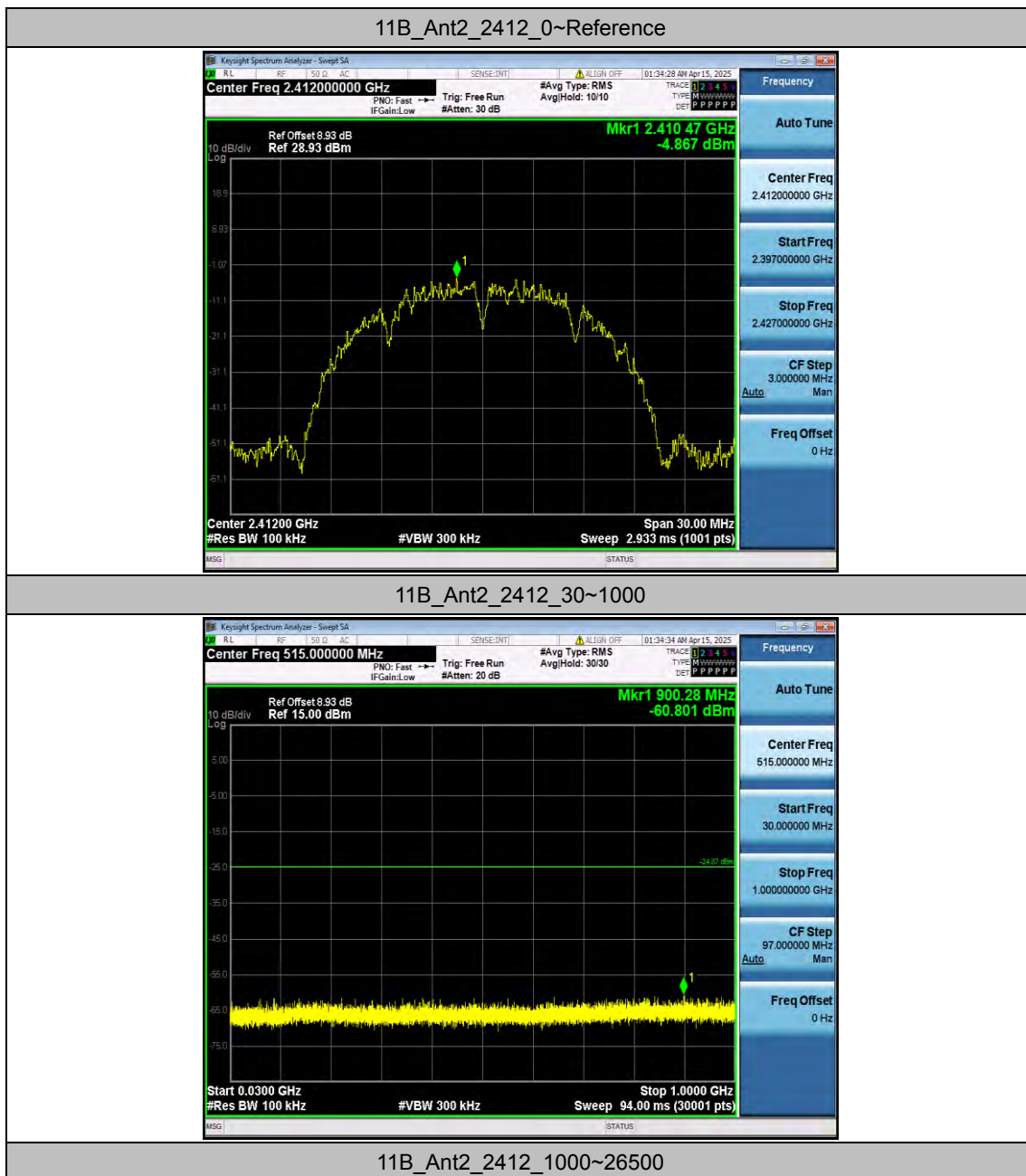


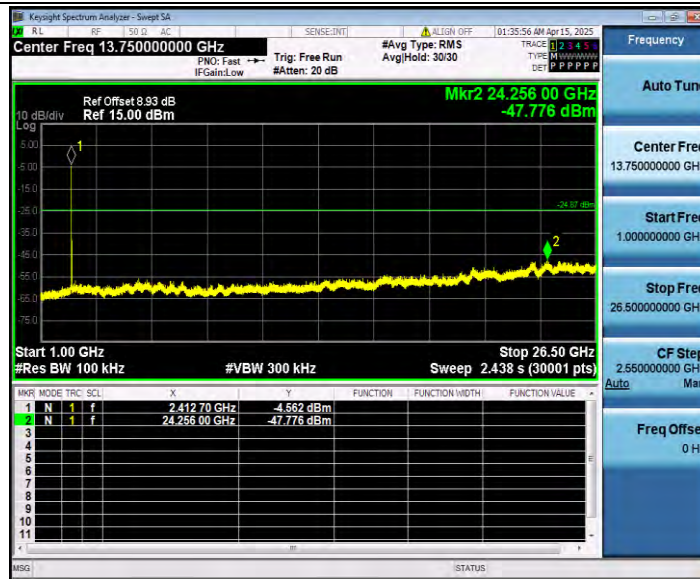
Appendix C.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	-4.87	-4.87	---	PASS
			30~1000	-4.87	-60.8	≤ -24.87	PASS
			1000~26500	-4.87	-47.78	≤ -24.87	PASS
		2437	Reference	-4.48	-4.48	---	PASS
			30~1000	-4.48	-59.18	≤ -24.48	PASS
			1000~26500	-4.48	-47.53	≤ -24.48	PASS
		2462	Reference	-3.66	-3.66	---	PASS
			30~1000	-3.66	-60.29	≤ -23.66	PASS
			1000~26500	-3.66	-47.28	≤ -23.66	PASS
11G	Ant2	2412	Reference	-14.08	-14.08	---	PASS
			30~1000	-14.08	-60.38	≤ -34.08	PASS
			1000~26500	-14.08	-47.73	≤ -34.08	PASS
		2437	Reference	-14.08	-14.08	---	PASS
			30~1000	-14.08	-59.97	≤ -34.08	PASS
			1000~26500	-14.08	-47.45	≤ -34.08	PASS
		2462	Reference	-13.03	-13.03	---	PASS
			30~1000	-13.03	-60.59	≤ -33.03	PASS
			1000~26500	-13.03	-47.73	≤ -33.03	PASS
11N20SISO	Ant2	2412	Reference	-14.73	-14.73	---	PASS
			30~1000	-14.73	-60.13	≤ -34.73	PASS
			1000~26500	-14.73	-46.82	≤ -34.73	PASS
		2437	Reference	-13.57	-13.57	---	PASS
			30~1000	-13.57	-60.39	≤ -33.57	PASS
			1000~26500	-13.57	-46.99	≤ -33.57	PASS
		2462	Reference	-13.49	-13.49	---	PASS
			30~1000	-13.49	-59.47	≤ -33.49	PASS
			1000~26500	-13.49	-47.45	≤ -33.49	PASS
11N40SISO	Ant2	2422	Reference	-17.04	-17.04	---	PASS
			30~1000	-17.04	-60.21	≤ -37.04	PASS
			1000~26500	-17.04	-47.39	≤ -37.04	PASS
		2437	Reference	-16.46	-16.46	---	PASS
			30~1000	-16.46	-60.6	≤ -36.46	PASS
			1000~26500	-16.46	-47.28	≤ -36.46	PASS
		2452	Reference	-16.31	-16.31	---	PASS
			30~1000	-16.31	-60.43	≤ -36.31	PASS
			1000~26500	-16.31	-47.01	≤ -36.31	PASS

Test Graphs

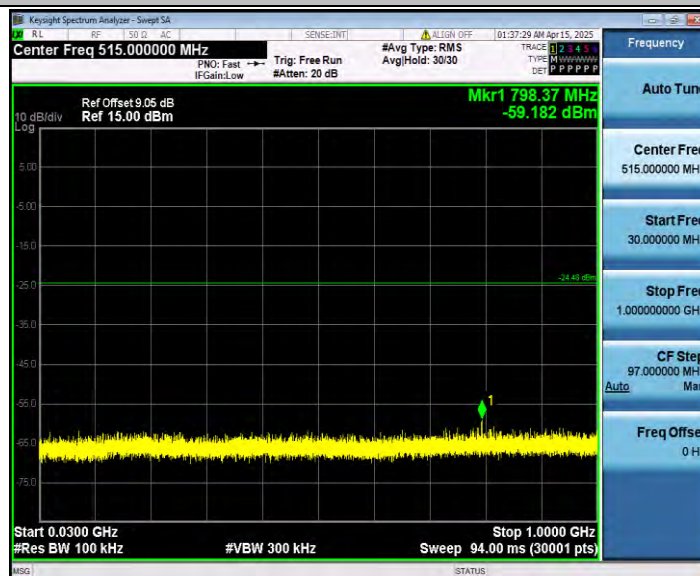




11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



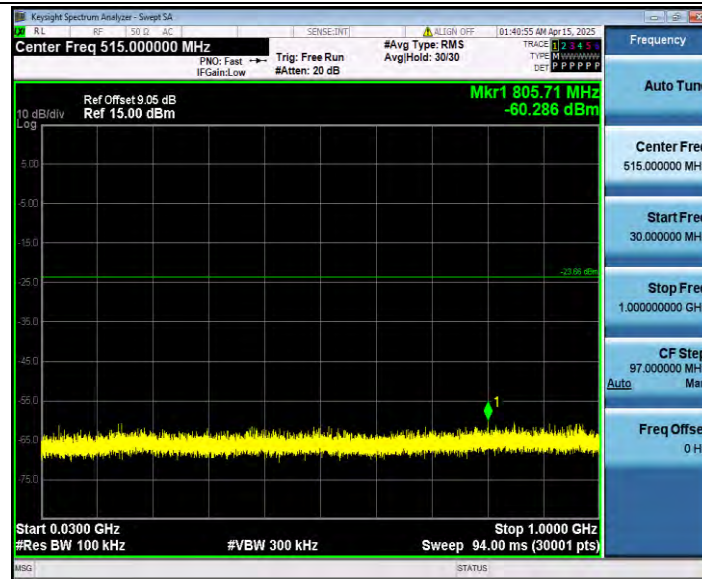
11B_Ant2_2437_1000~26500



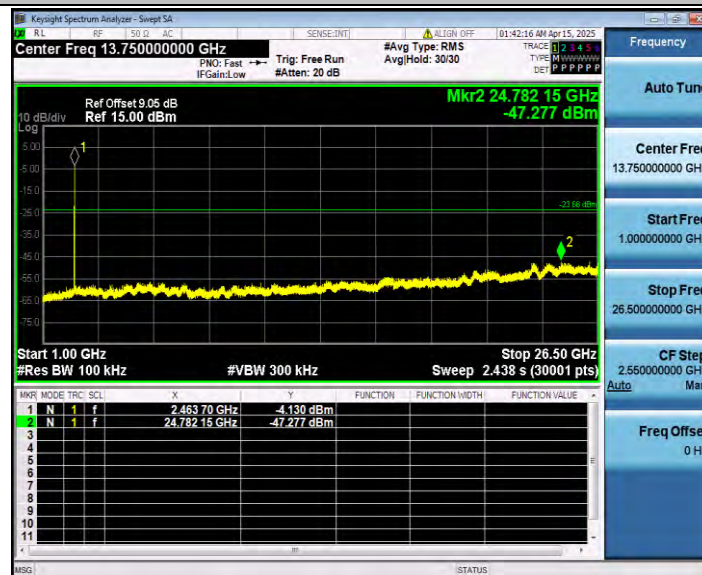
11B_Ant2_2462_0~Reference



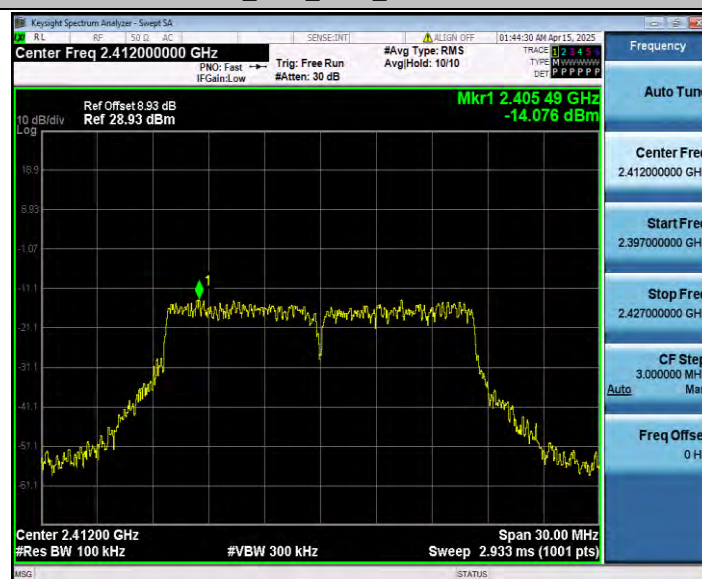
11B_Ant2_2462_30~1000

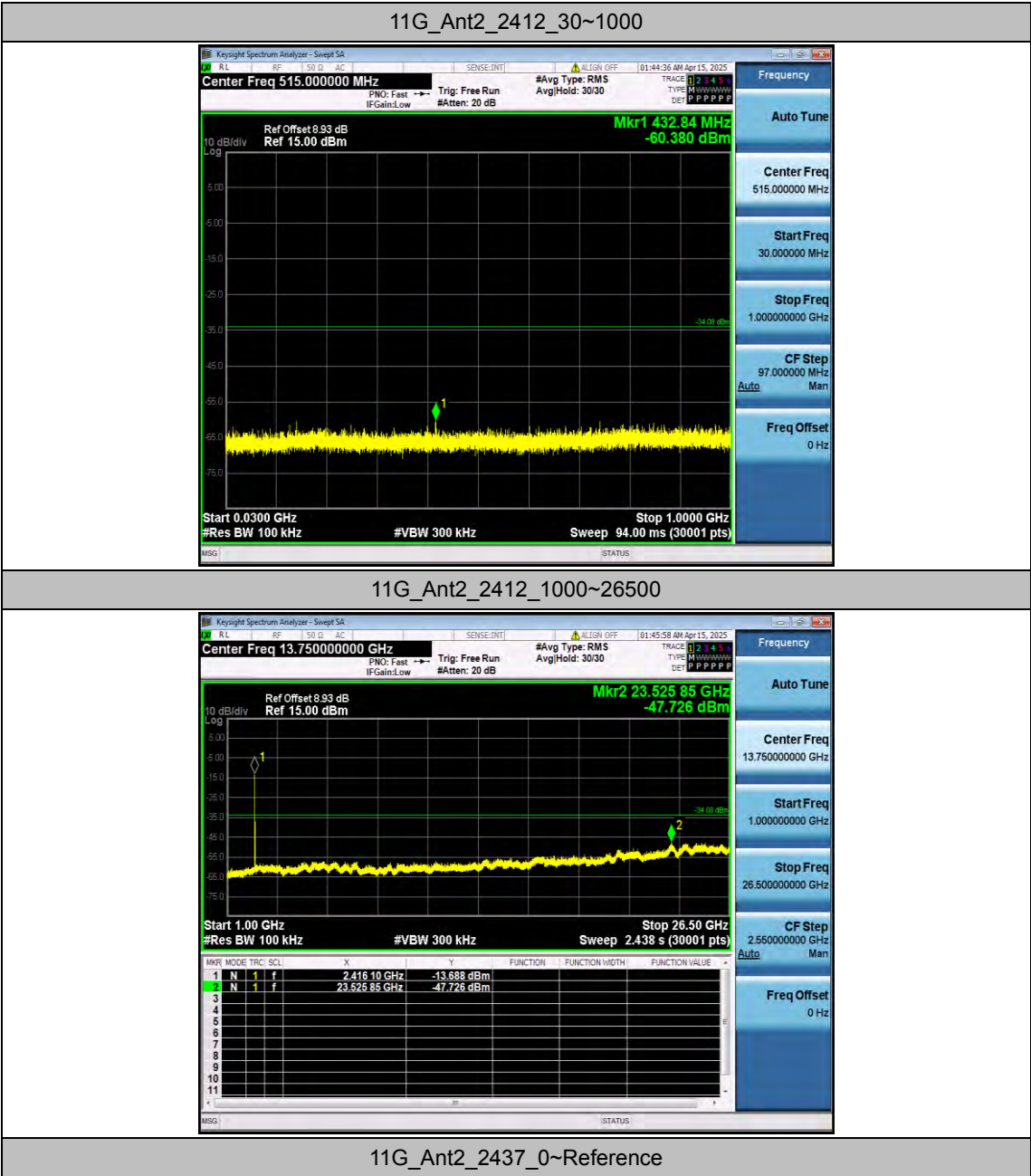


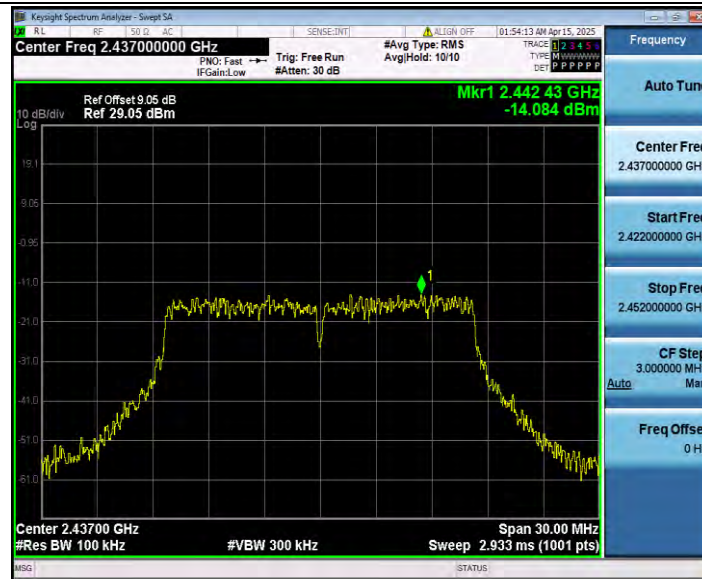
11B_Ant2_2462_1000~26500



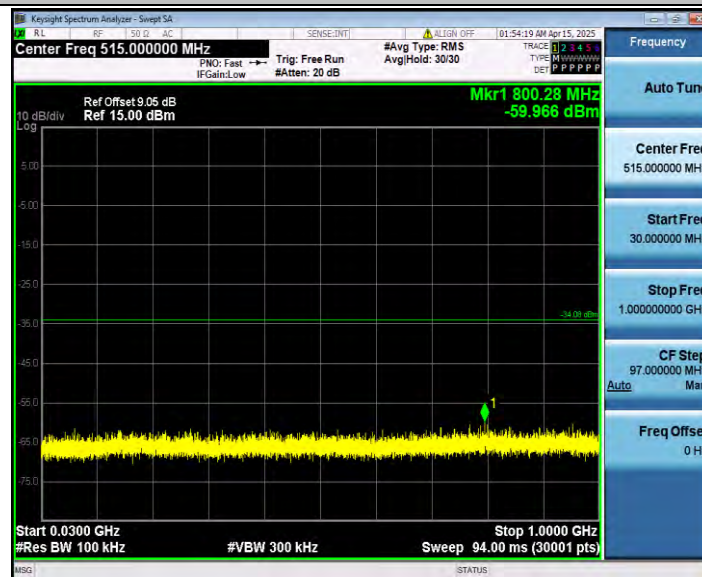
11G_Ant2_2412_0~Reference







11G_Ant2_2437_30~1000



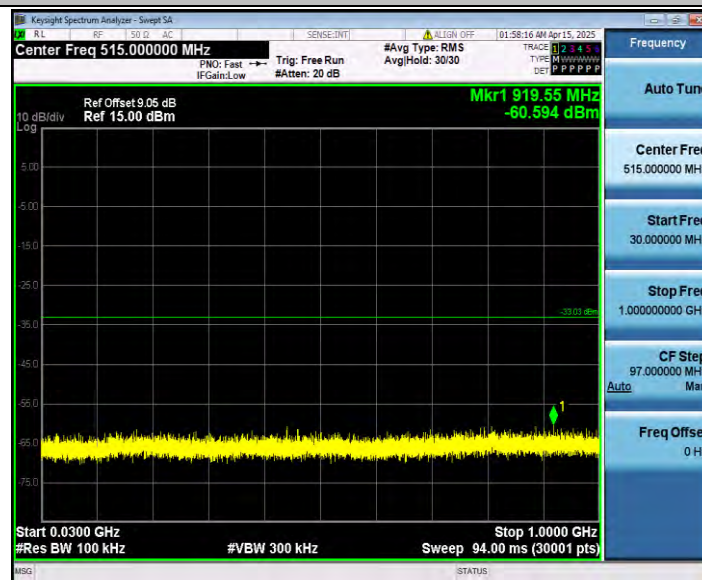
11G_Ant2_2437_1000~26500



11G_Ant2_2462_0~Reference



11G_Ant2_2462_30~1000



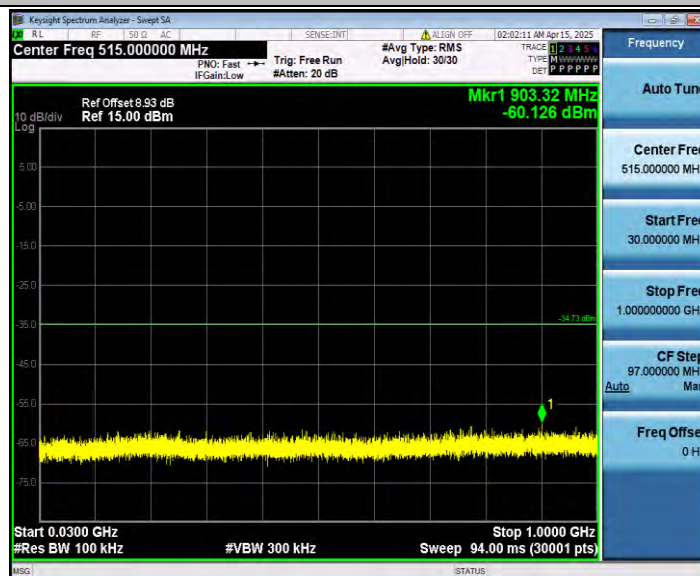
11G_Ant2_2462_1000~26500



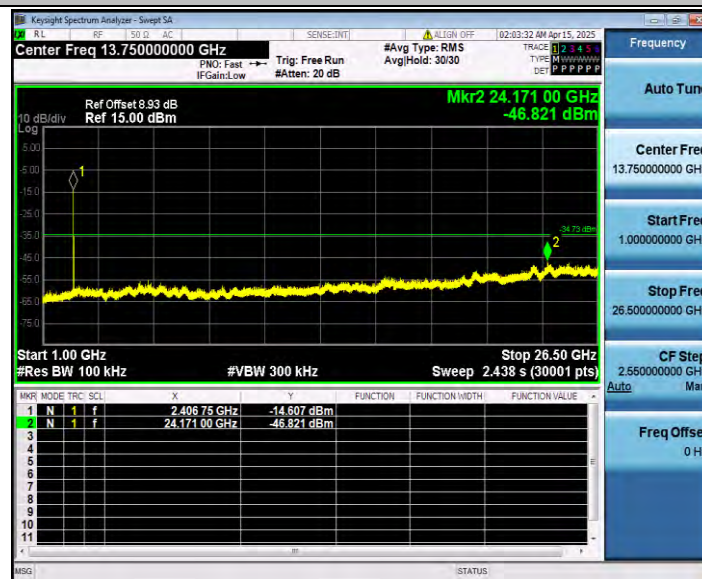
11N20SISO_Ant2_2412_0~Reference



11N20SISO_Ant2_2412_30~1000



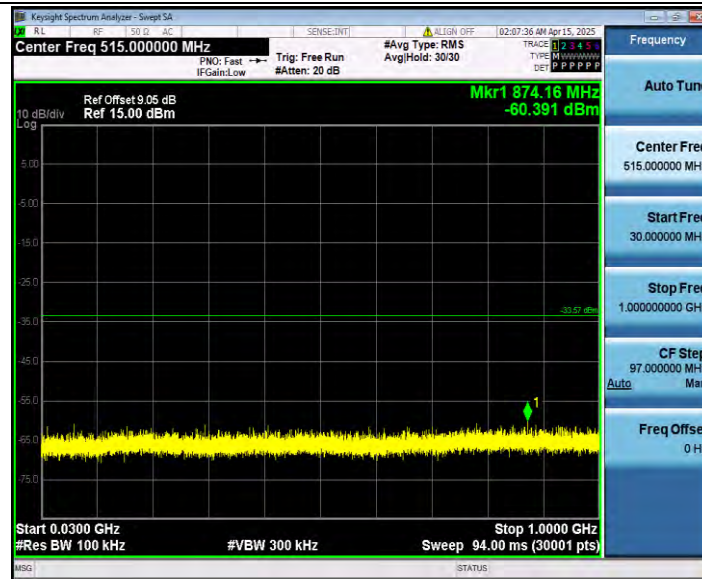
11N20SISO_Ant2_2412_1000~26500



11N20SISO_Ant2_2437_0~Reference



11N20SISO_Ant2_2437_30~1000



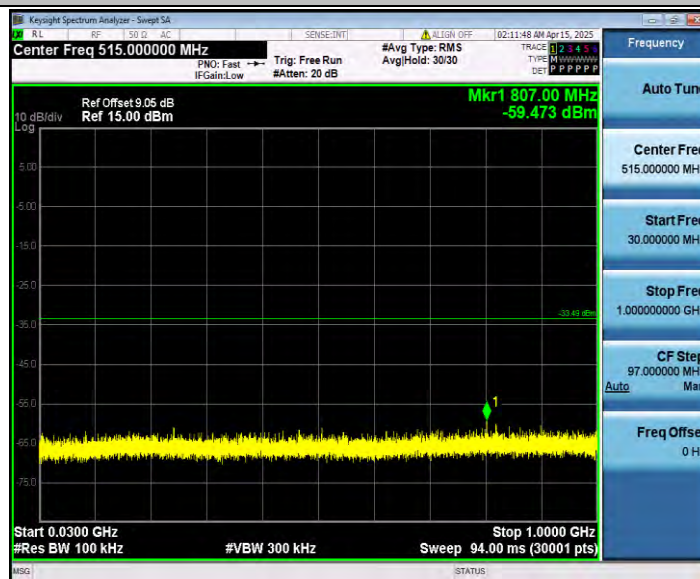
11N20SISO_Ant2_2437_1000~26500



11N20SISO_Ant2_2462_0~Reference



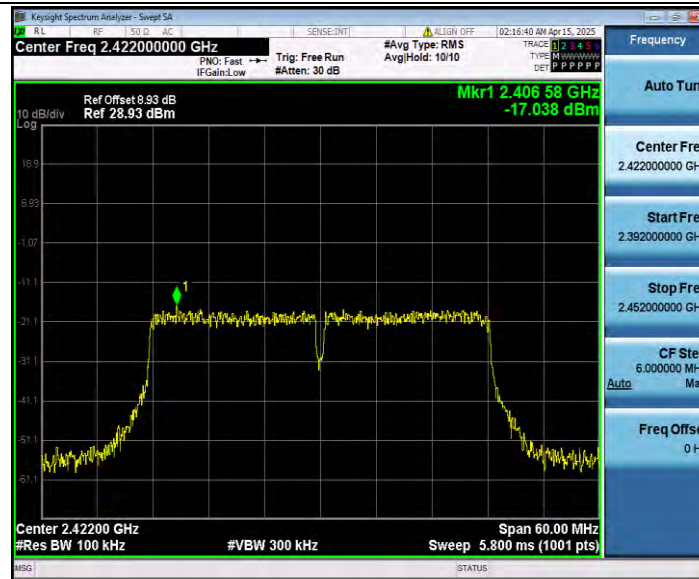
11N20SISO_Ant2_2462_30~1000



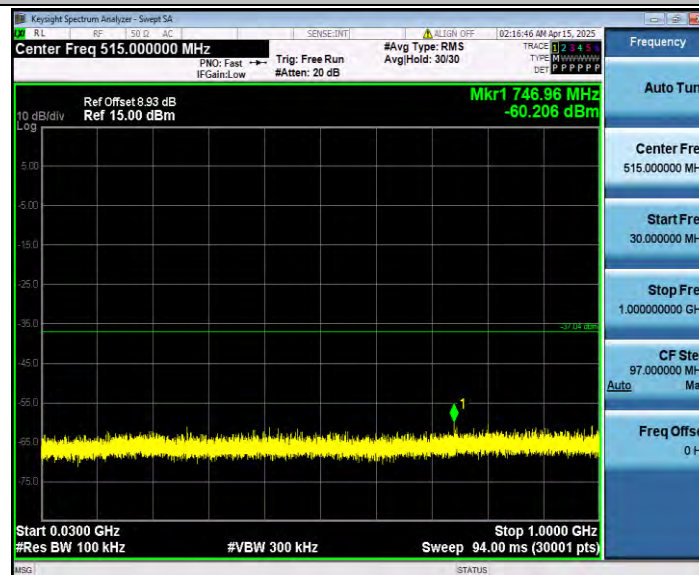
11N20SISO_Ant2_2462_1000~26500



11N40SISO_Ant2_2422_0~Reference



11N40SISO_Ant2_2422_30~1000



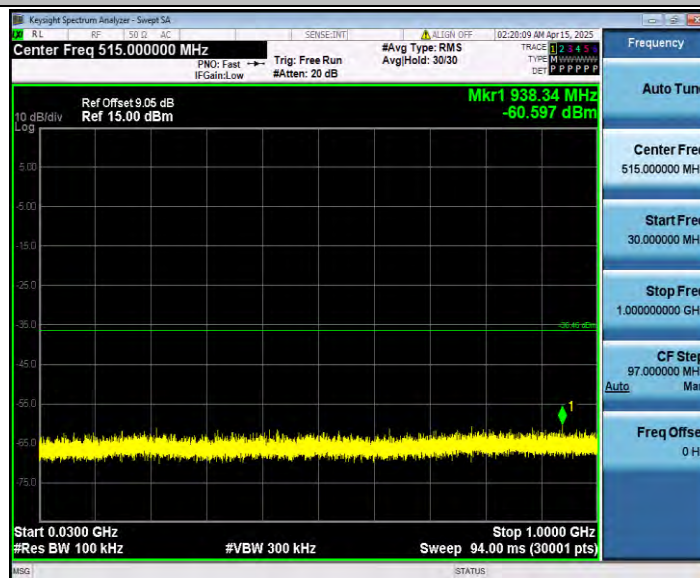
11N40SISO_Ant2_2422_1000~26500



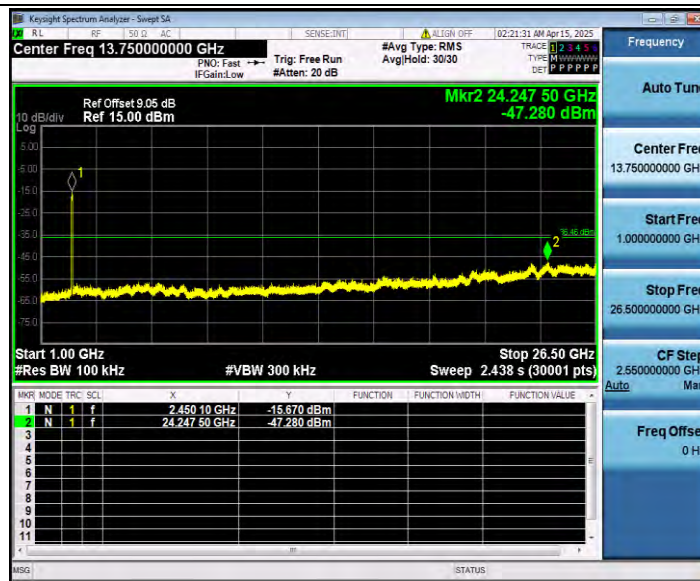
11N40SISO_Ant2_2437_0~Reference



11N40SISO_Ant2_2437_30~1000



11N40SISO_Ant2_2437_1000~26500



11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000

