

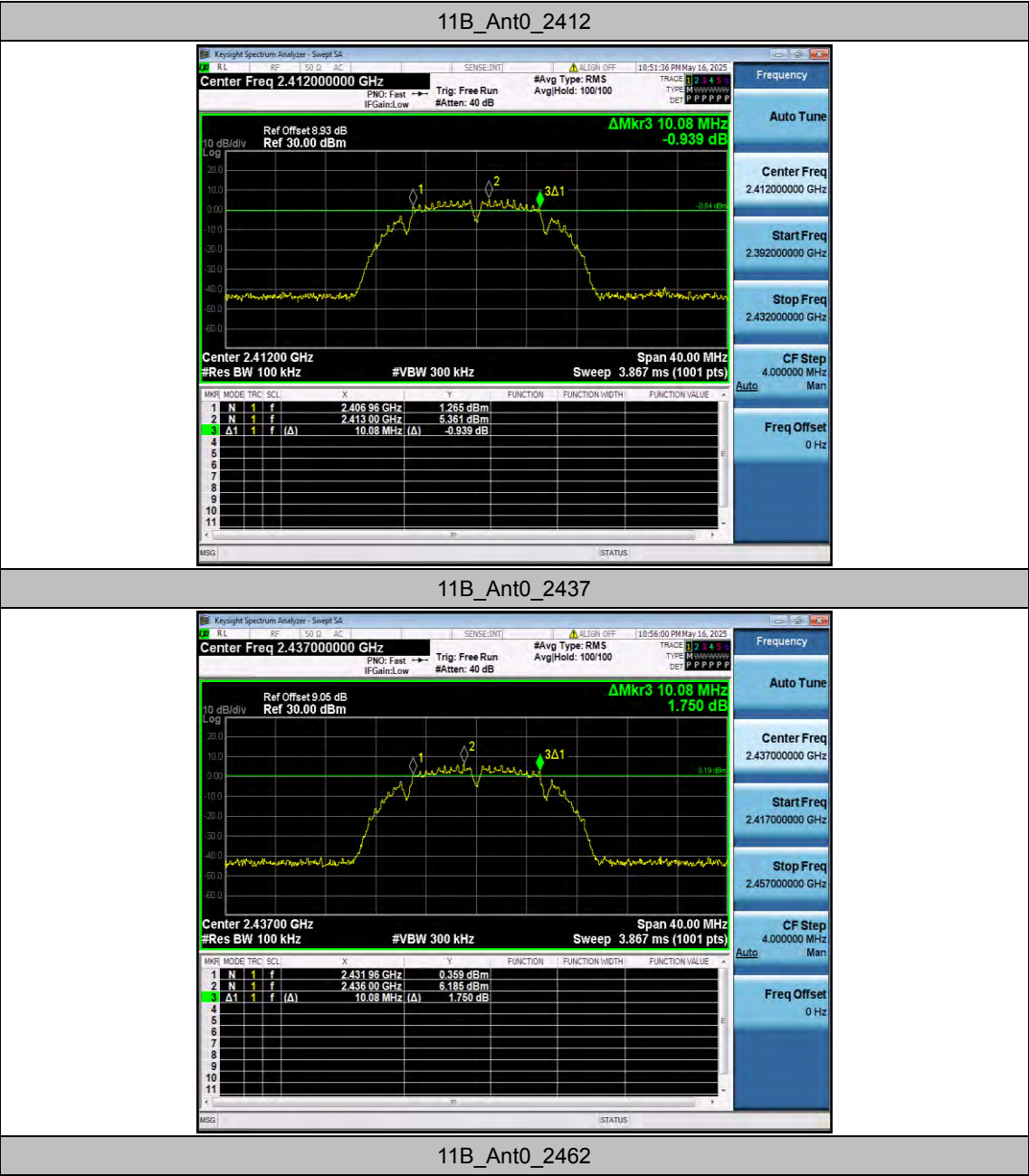
Case No. : <u>GTS20250410010-1-03</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH,	
Test Date: <u>2025.5.16</u>	Test Engineer: <u>Evan ouyang</u>

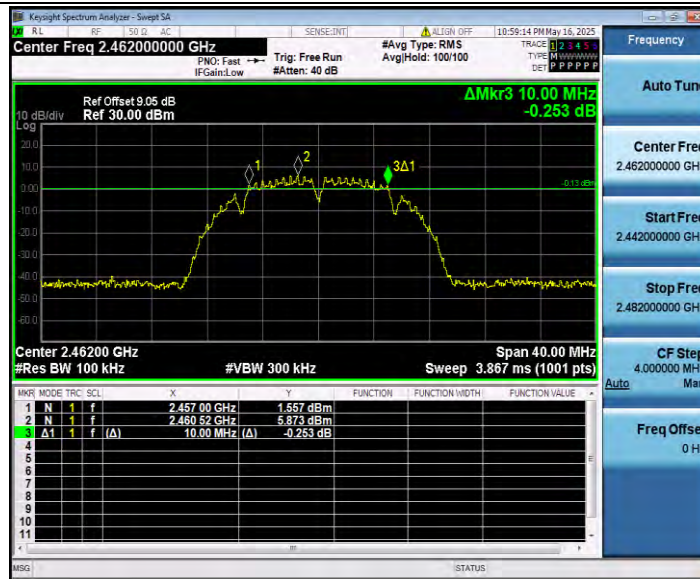
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant0	2412	15.000	2404.560	2419.560	0.5	PASS
		2437	11.640	2431.640	2443.280	0.5	PASS
		2462	13.880	2455.680	2469.560	0.5	PASS
11N20SISO	Ant0	2412	15.360	2404.120	2419.480	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant0	2422	33.120	2405.760	2438.880	0.5	PASS
		2437	32.480	2422.040	2454.520	0.5	PASS
		2452	29.840	2435.680	2465.520	0.5	PASS

Test Graphs



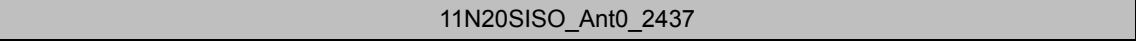
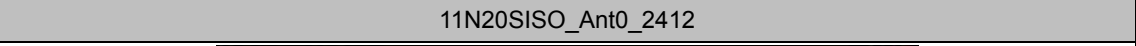


11G_Ant0_2412



11G_Ant0_2437







11N20SISO_Ant0_2462



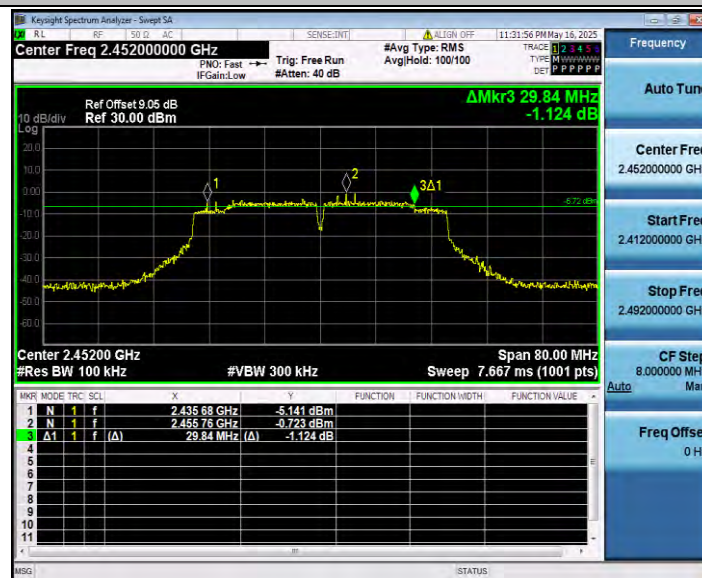
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



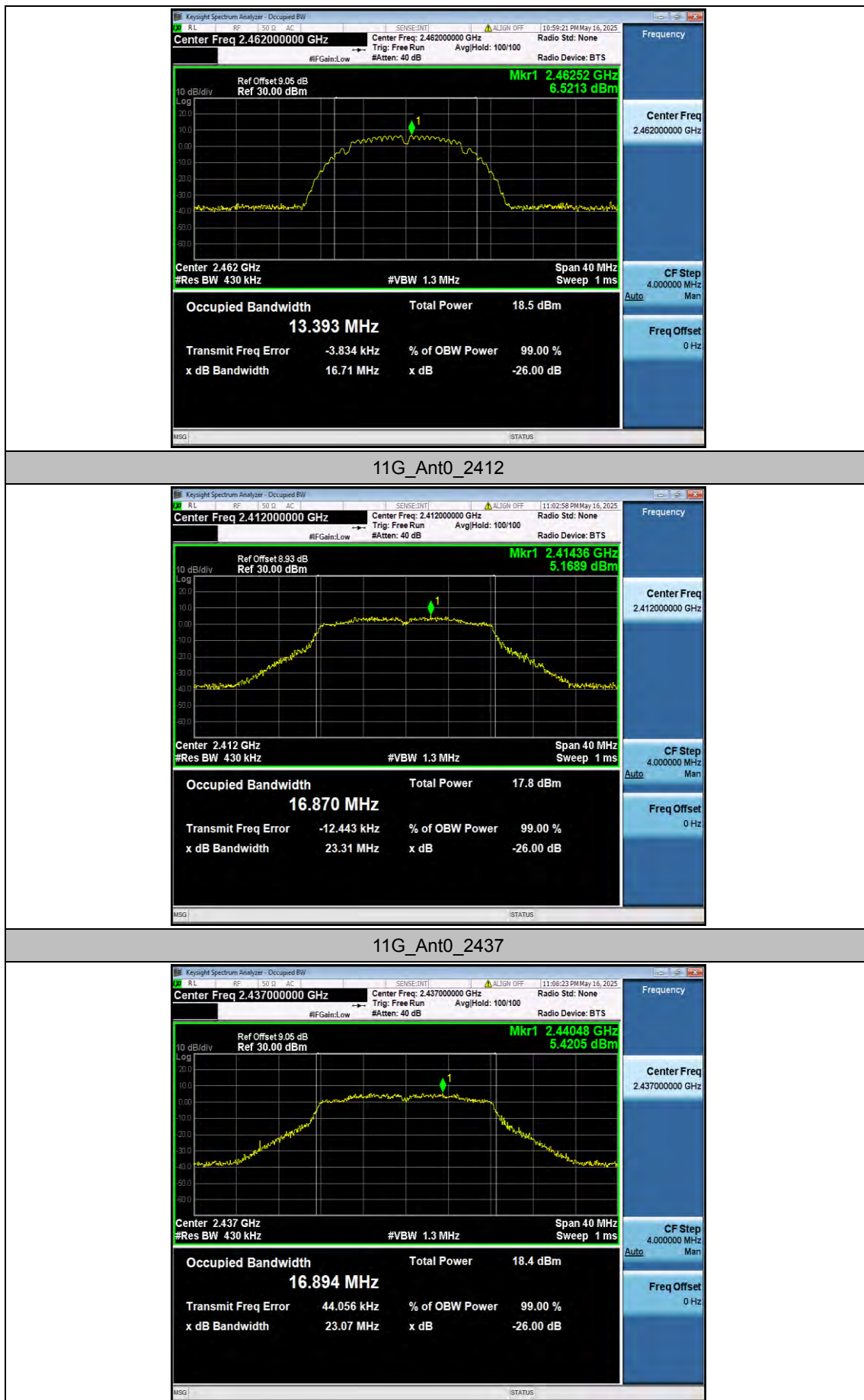
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.413	2405.2943	2418.7073	---	---
		2437	13.431	2430.2900	2443.7210	---	---
		2462	13.393	2455.2997	2468.6927	---	---
11G	Ant0	2412	16.870	2403.5526	2420.4226	---	---
		2437	16.894	2428.5971	2445.4911	---	---
		2462	16.847	2453.5685	2470.4155	---	---
11N20SISO	Ant0	2412	17.891	2403.0739	2420.9649	---	---
		2437	17.934	2428.0365	2445.9705	---	---
		2462	17.885	2453.0834	2470.9684	---	---
11N40SISO	Ant0	2422	36.049	2404.1330	2440.1820	---	---
		2437	36.119	2419.0391	2455.1581	---	---
		2452	36.094	2434.0252	2470.1192	---	---

Test Graphs





11G_Ant0_2462



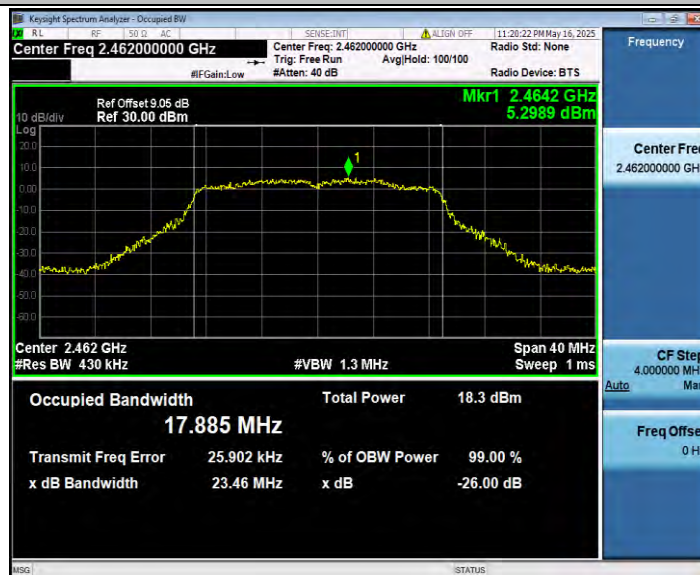
11N20SISO_Ant0_2412



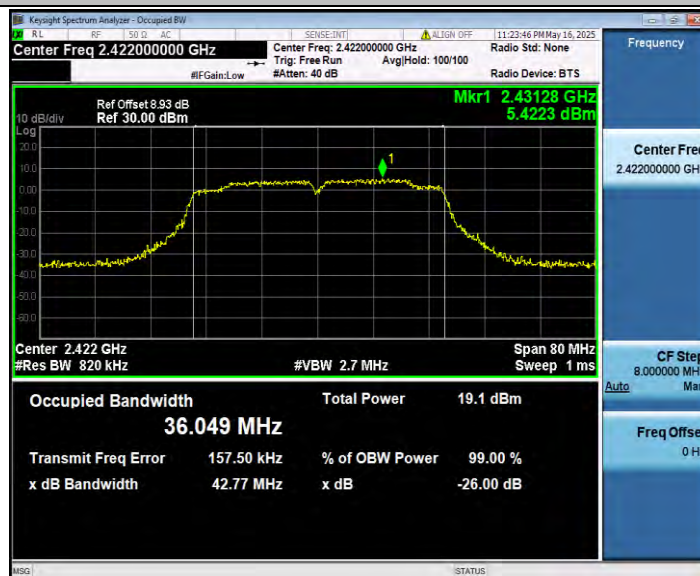
11N20SISO_Ant0_2437



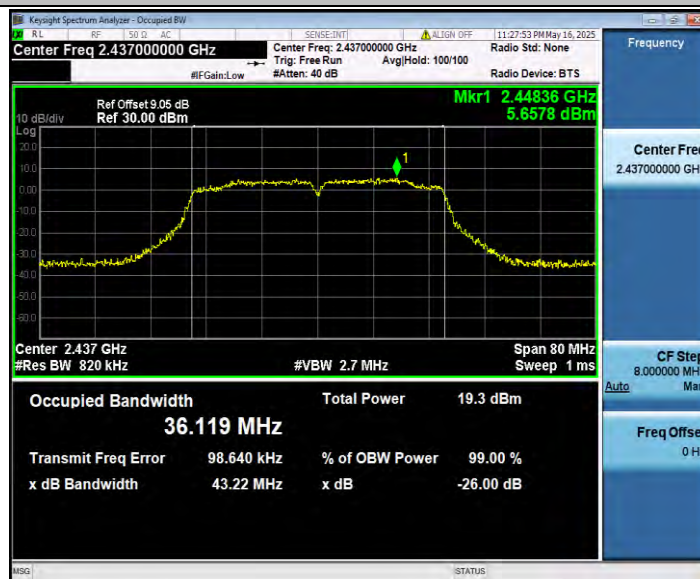
11N20SISO_Ant0_2462



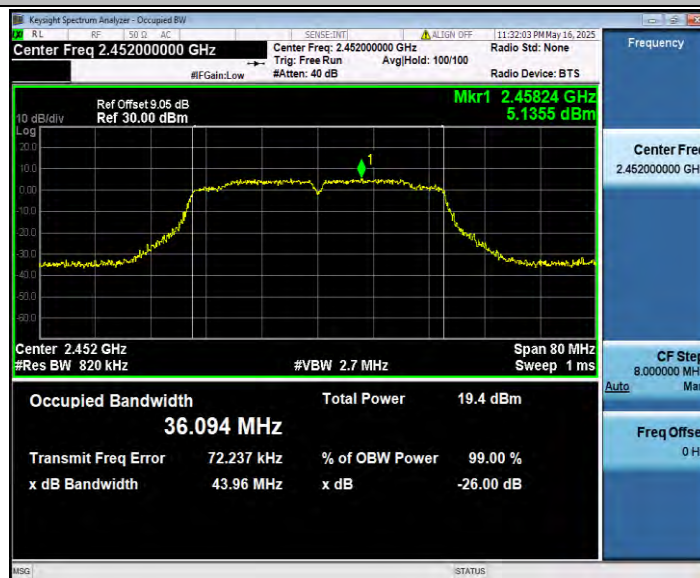
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	17.96	≤30.00	PASS
		2437	18.48	≤30.00	PASS
		2462	18.52	≤30.00	PASS
11G	Ant0	2412	18.93	≤30.00	PASS
		2437	19.35	≤30.00	PASS
		2462	19.50	≤30.00	PASS
11N20SISO	Ant0	2412	18.77	≤30.00	PASS
		2437	19.25	≤30.00	PASS
		2462	19.33	≤30.00	PASS
11N40SISO	Ant0	2422	19.33	≤30.00	PASS
		2437	19.48	≤30.00	PASS
		2452	19.62	≤30.00	PASS

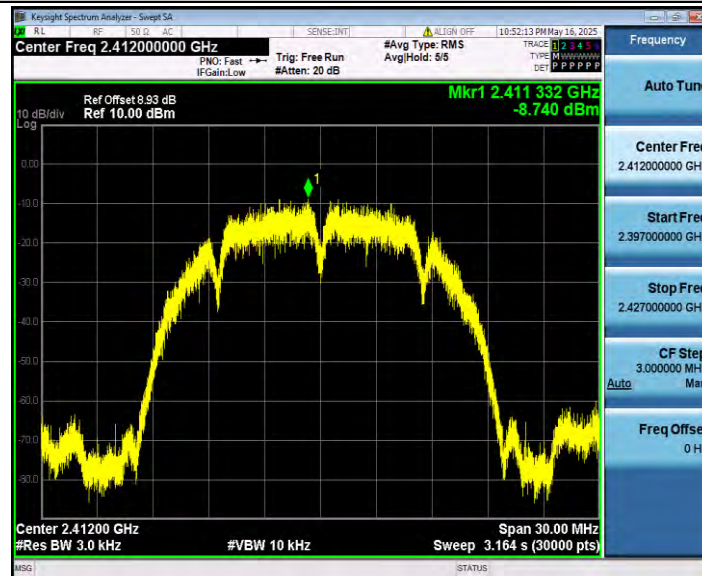
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-8.74	≤8.00	PASS
		2437	-7.30	≤8.00	PASS
		2462	-8.39	≤8.00	PASS
11G	Ant0	2412	-12.02	≤8.00	PASS
		2437	-12.87	≤8.00	PASS
		2462	-12.05	≤8.00	PASS
11N20SISO	Ant0	2412	-13.43	≤8.00	PASS
		2437	-12.96	≤8.00	PASS
		2462	-13.24	≤8.00	PASS
11N40SISO	Ant0	2422	-15.85	≤8.00	PASS
		2437	-15.35	≤8.00	PASS
		2452	-15.93	≤8.00	PASS

Test Graphs

11B_Ant0_2412



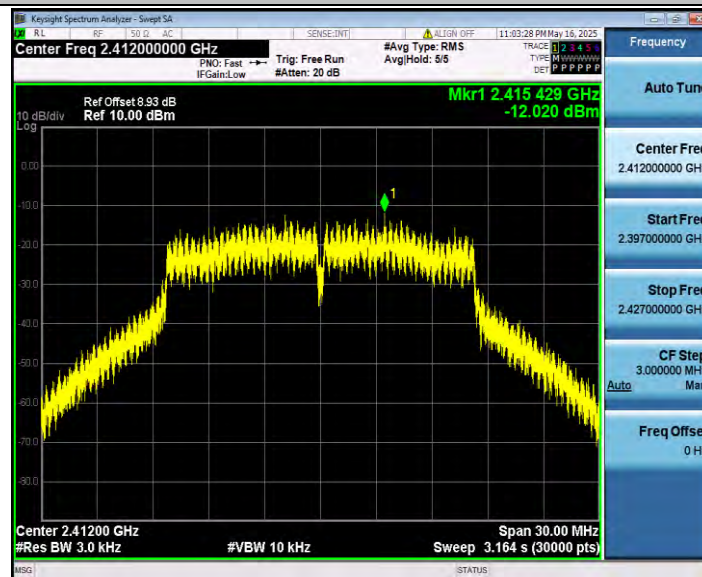
11B_Ant0_2437



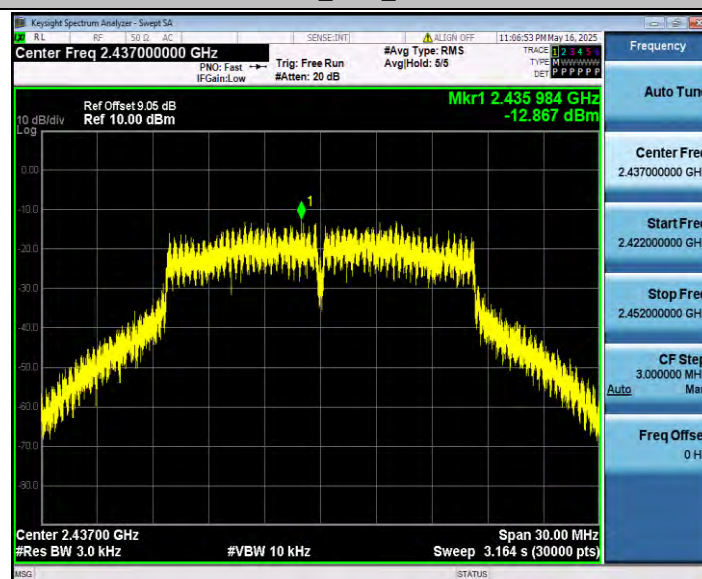
11B_Ant0_2462



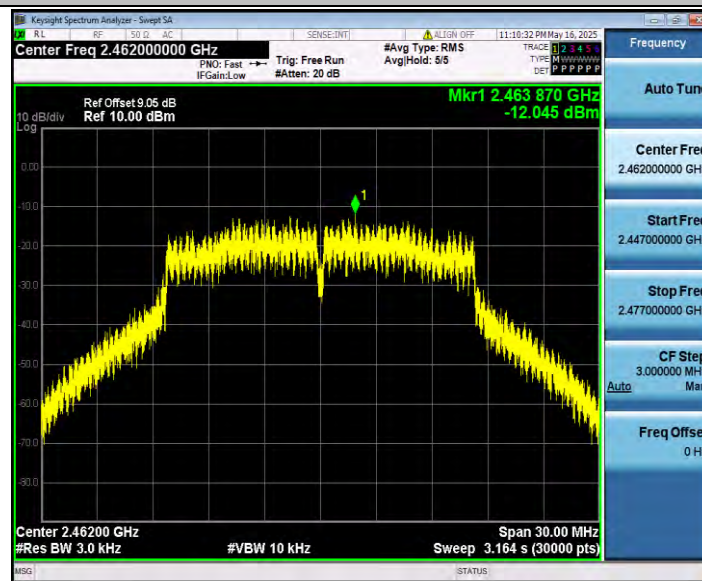
11G_Ant0_2412



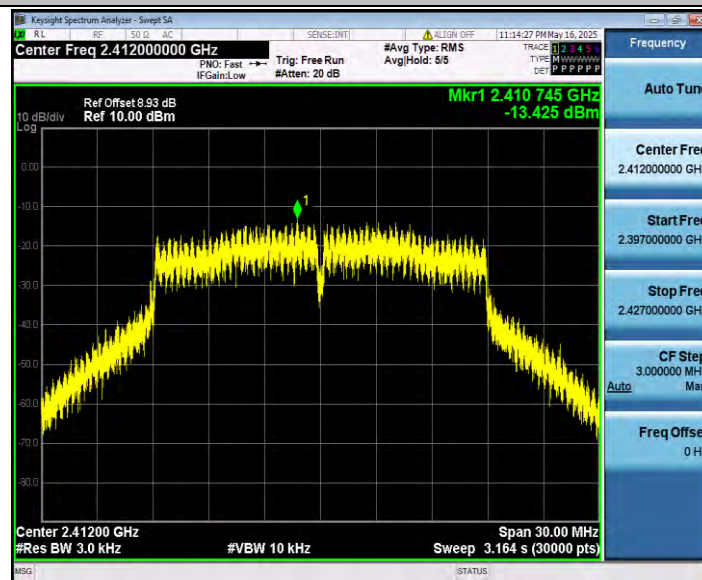
11G_Ant0_2437



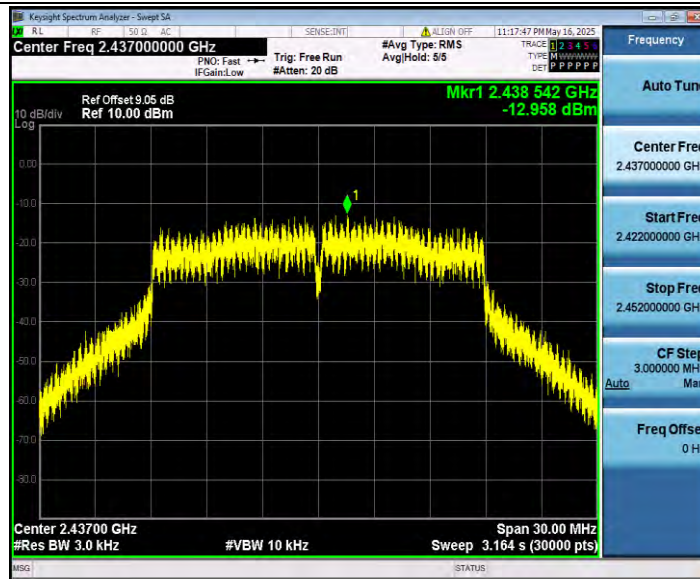
11G_Ant0_2462



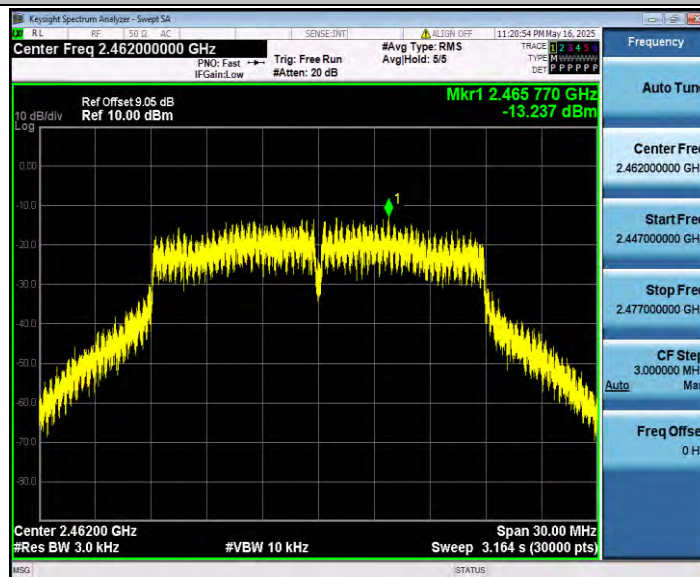
11N20SISO_Ant0_2412



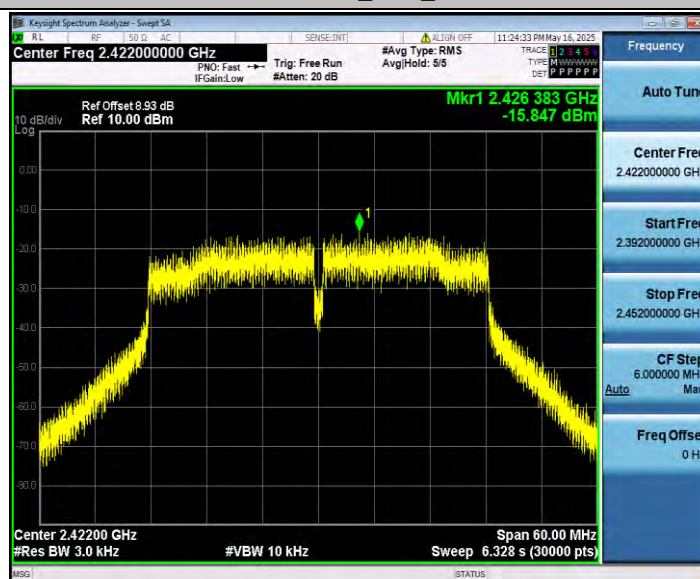
11N20SISO_Ant0_2437



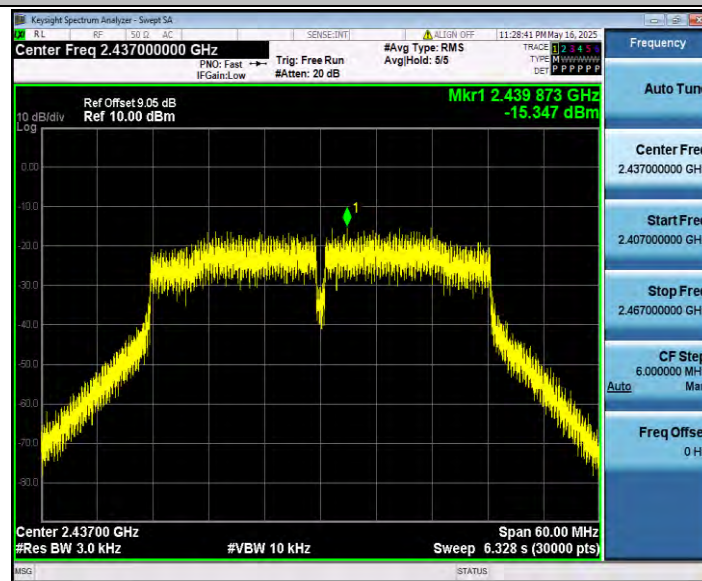
11N20SISO_Ant0_2462



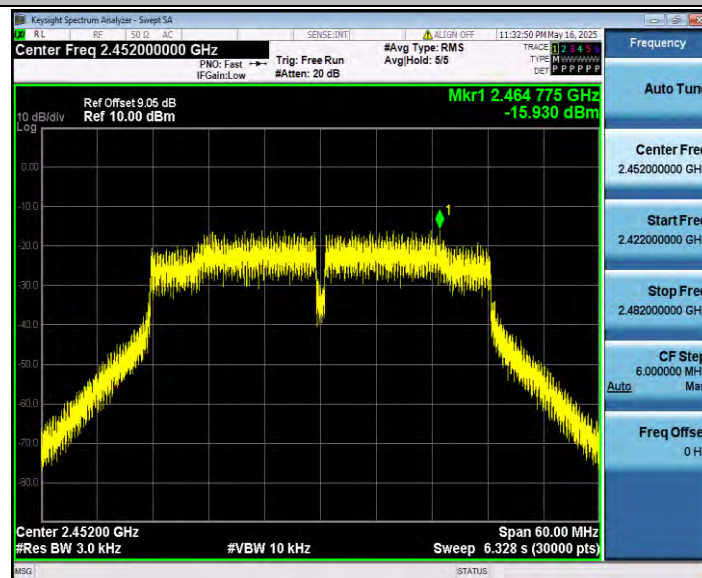
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452

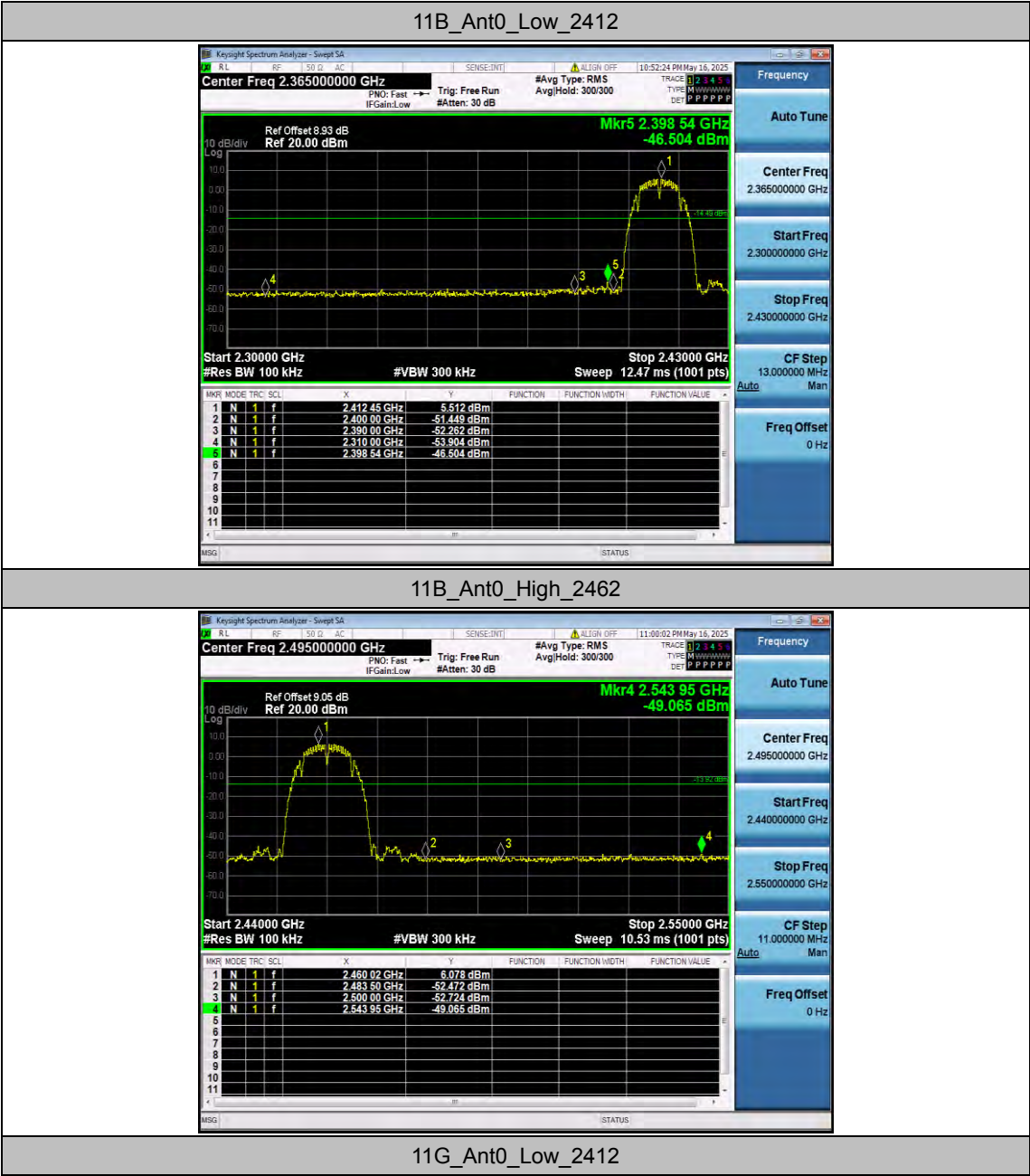


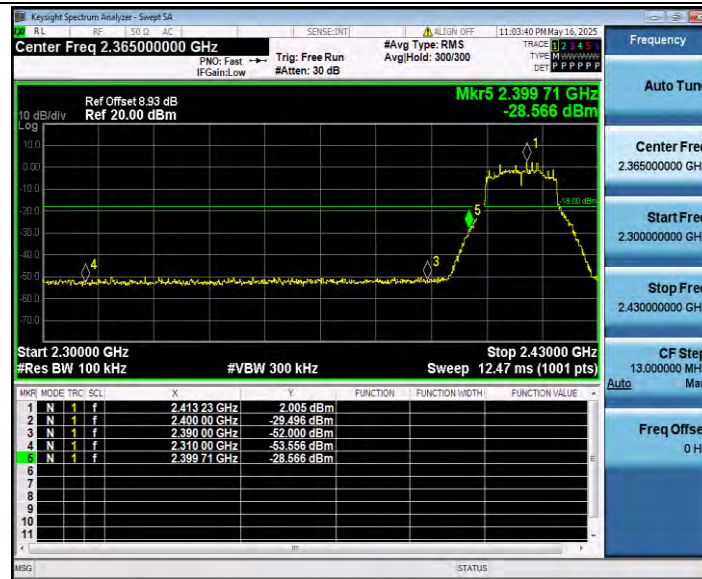
Appendix C.5: Band edge measurements

Test Result

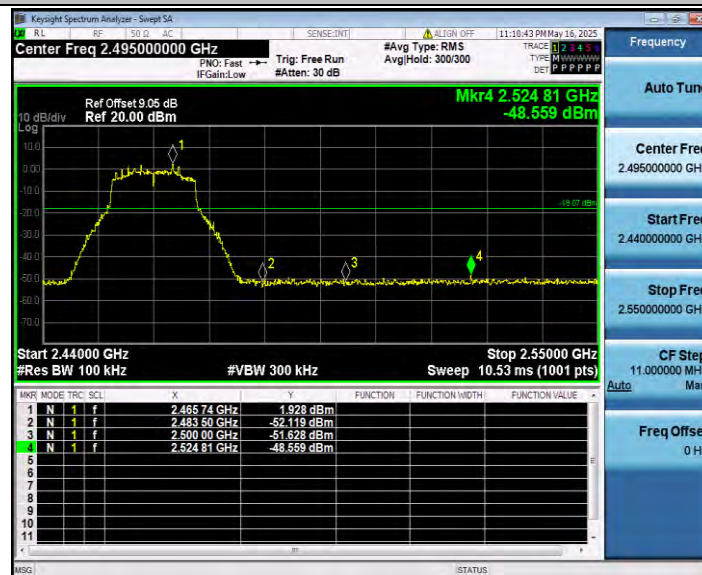
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	5.51	-46.5	≤ -14.49	PASS
		High	2462	6.08	-49.07	≤ -13.92	PASS
11G	Ant0	Low	2412	2.01	-28.57	≤ -18	PASS
		High	2462	1.93	-48.56	≤ -18.07	PASS
11N20SISO	Ant0	Low	2412	1.69	-26.84	≤ -18.31	PASS
		High	2462	2.15	-48.99	≤ -17.85	PASS
11N40SISO	Ant0	Low	2422	-1.08	-29.29	≤ -21.08	PASS
		High	2452	-0.63	-47.14	≤ -20.63	PASS

Test Graphs

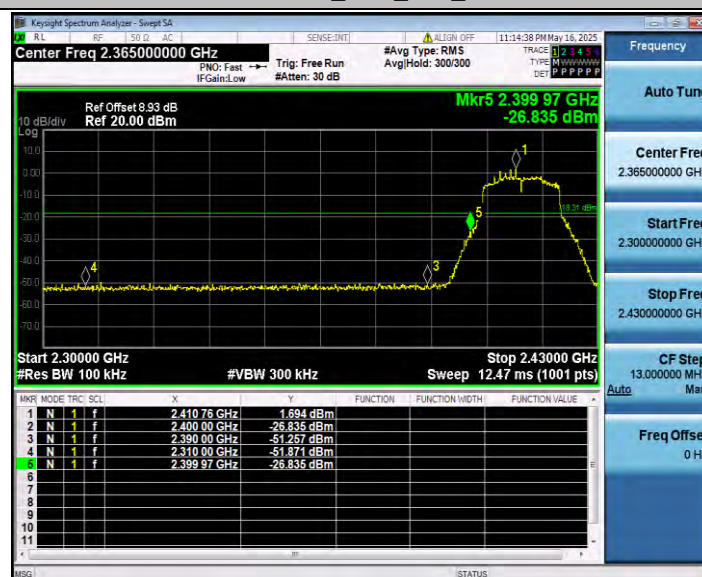




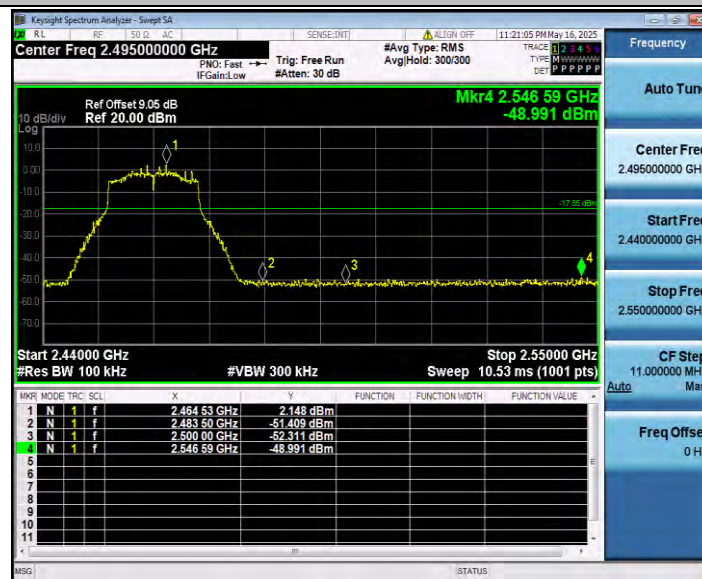
11G_Ant0_High_2462



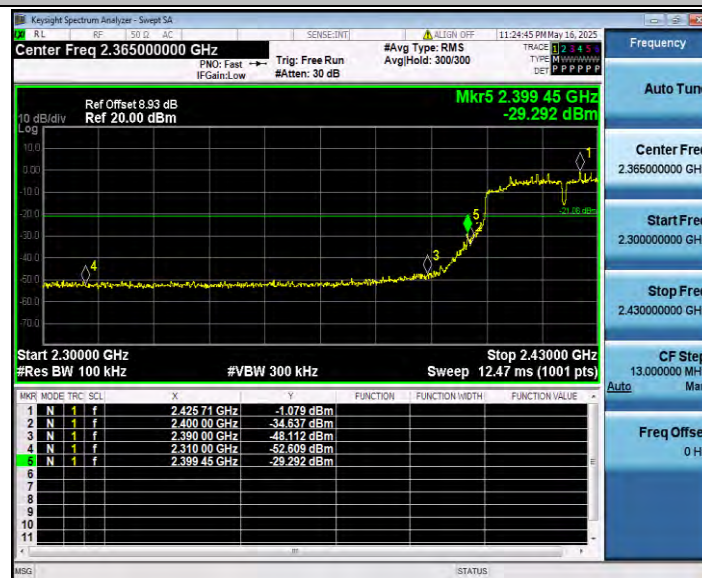
11N20SISO_Ant0_Low_2412



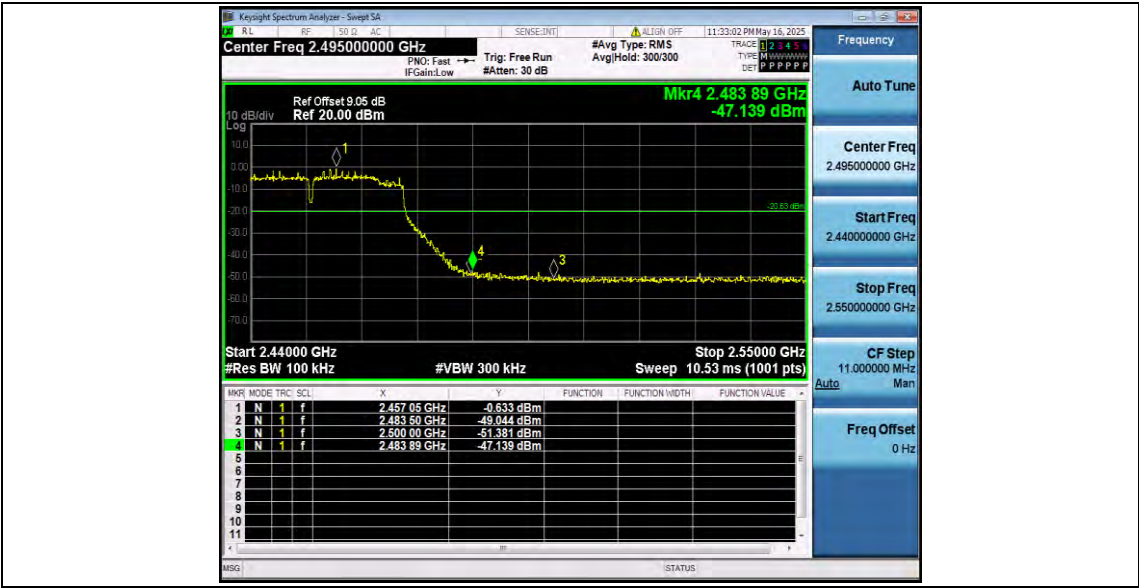
11N20SISO_Ant0_High_2462



11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452

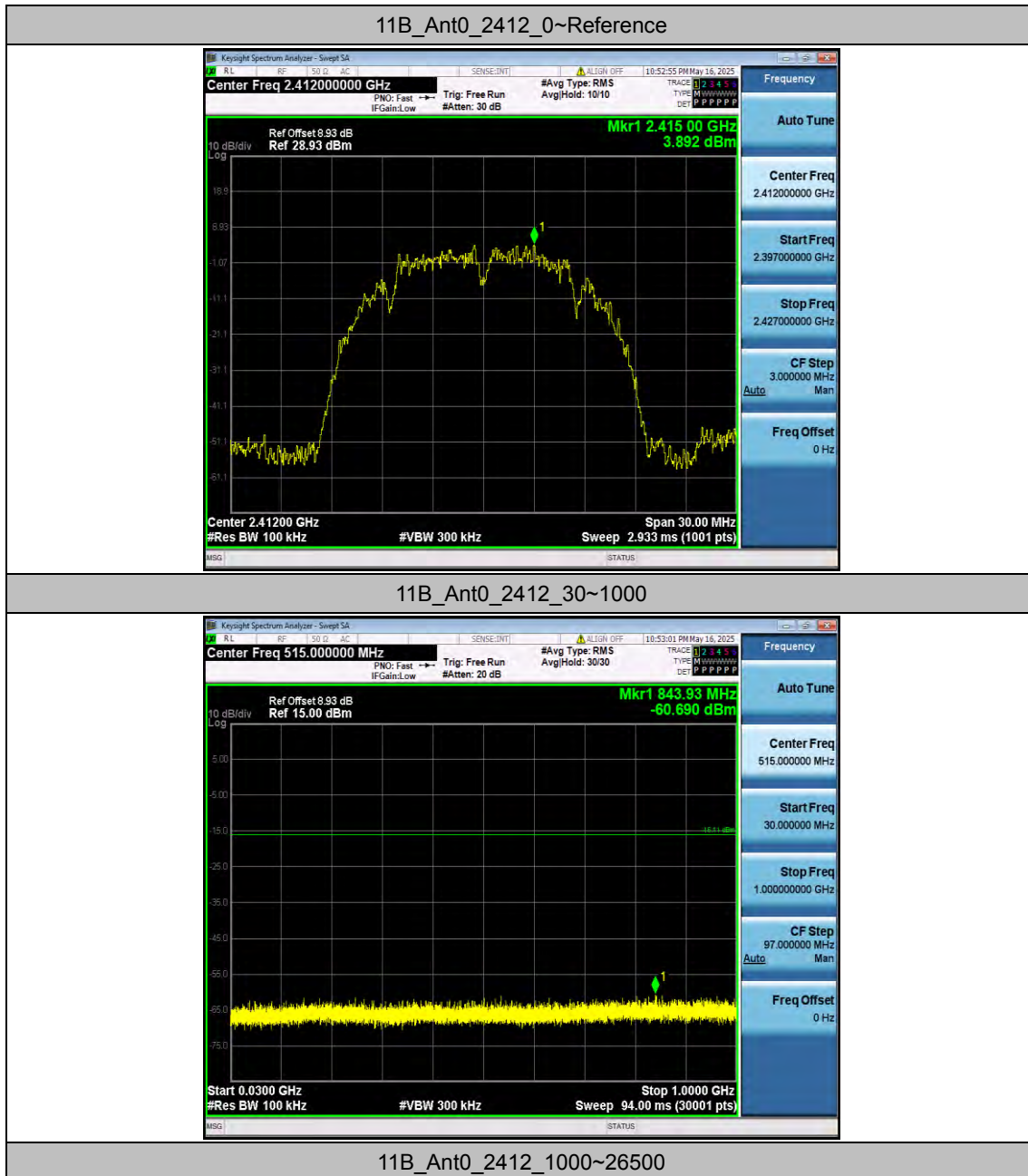


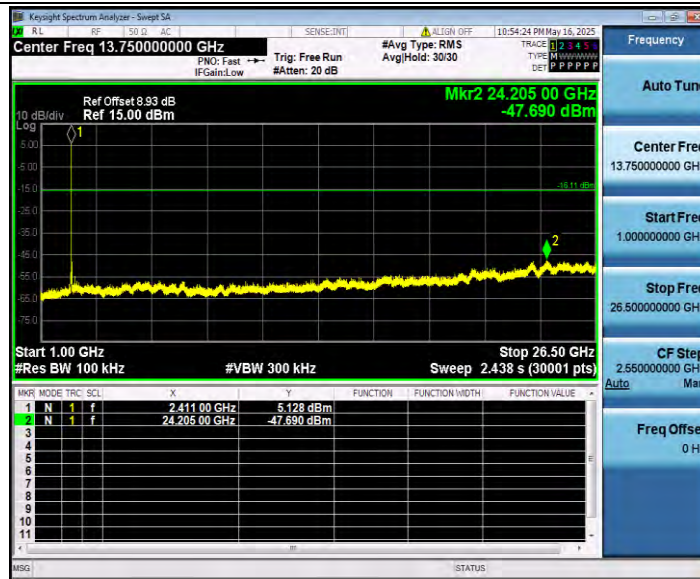
Appendix C.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-60.69	≤ -16.11	PASS
			1000~26500	3.89	-47.69	≤ -16.11	PASS
		2437	Reference	5.59	5.59	---	PASS
			30~1000	5.59	-60.7	≤ -14.41	PASS
			1000~26500	5.59	-47.87	≤ -14.41	PASS
		2462	Reference	5.44	5.44	---	PASS
			30~1000	5.44	-60.72	≤ -14.56	PASS
			1000~26500	5.44	-47.38	≤ -14.56	PASS
11G	Ant0	2412	Reference	-2.15	-2.15	---	PASS
			30~1000	-2.15	-60.34	≤ -22.15	PASS
			1000~26500	-2.15	-47.66	≤ -22.15	PASS
		2437	Reference	-0.96	-0.96	---	PASS
			30~1000	-0.96	-60.63	≤ -20.96	PASS
			1000~26500	-0.96	-48.03	≤ -20.96	PASS
		2462	Reference	0.11	0.11	---	PASS
			30~1000	0.11	-60.32	≤ -19.89	PASS
			1000~26500	0.11	-47.92	≤ -19.89	PASS
11N20SISO	Ant0	2412	Reference	-2.35	-2.35	---	PASS
			30~1000	-2.35	-60.94	≤ -22.35	PASS
			1000~26500	-2.35	-47.93	≤ -22.35	PASS
		2437	Reference	-2.33	-2.33	---	PASS
			30~1000	-2.33	-60.58	≤ -22.33	PASS
			1000~26500	-2.33	-47.18	≤ -22.33	PASS
		2462	Reference	-1.52	-1.52	---	PASS
			30~1000	-1.52	-60.65	≤ -21.52	PASS
			1000~26500	-1.52	-47.56	≤ -21.52	PASS
11N40SISO	Ant0	2422	Reference	-4.17	-4.17	---	PASS
			30~1000	-4.17	-60.6	≤ -24.17	PASS
			1000~26500	-4.17	-47.73	≤ -24.17	PASS
		2437	Reference	-2.94	-2.94	---	PASS
			30~1000	-2.94	-60.51	≤ -22.94	PASS
			1000~26500	-2.94	-47.82	≤ -22.94	PASS
		2452	Reference	-4.35	-4.35	---	PASS
			30~1000	-4.35	-60.23	≤ -24.35	PASS
			1000~26500	-4.35	-47.53	≤ -24.35	PASS

Test Graphs

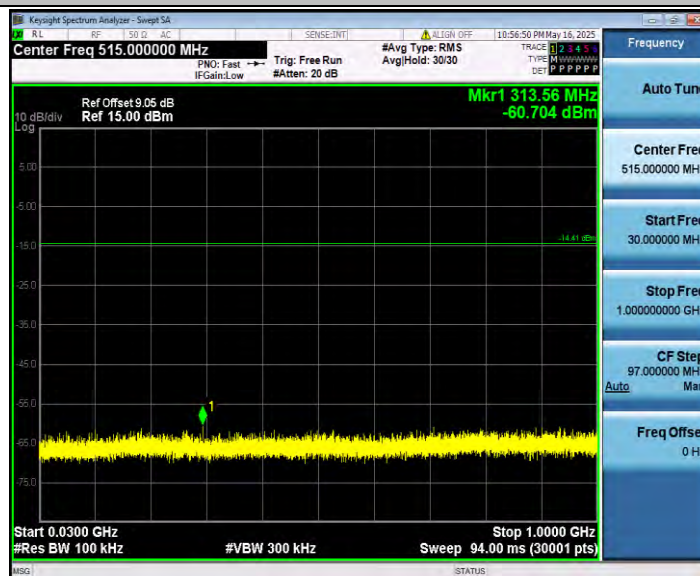




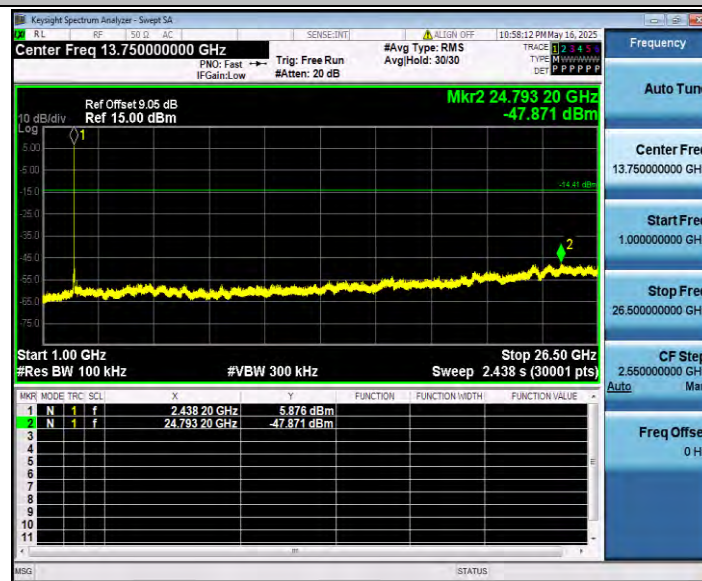
11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



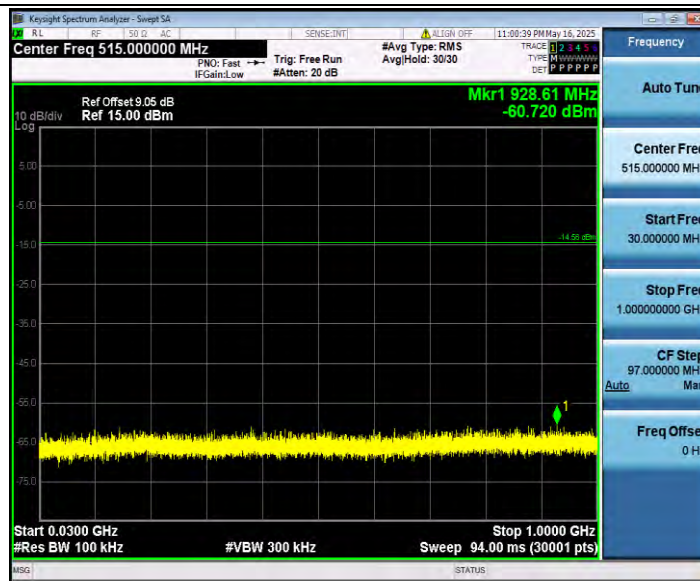
11B_Ant0_2437_1000~26500



11B_Ant0_2462_0~Reference



11B_Ant0_2462_30~1000

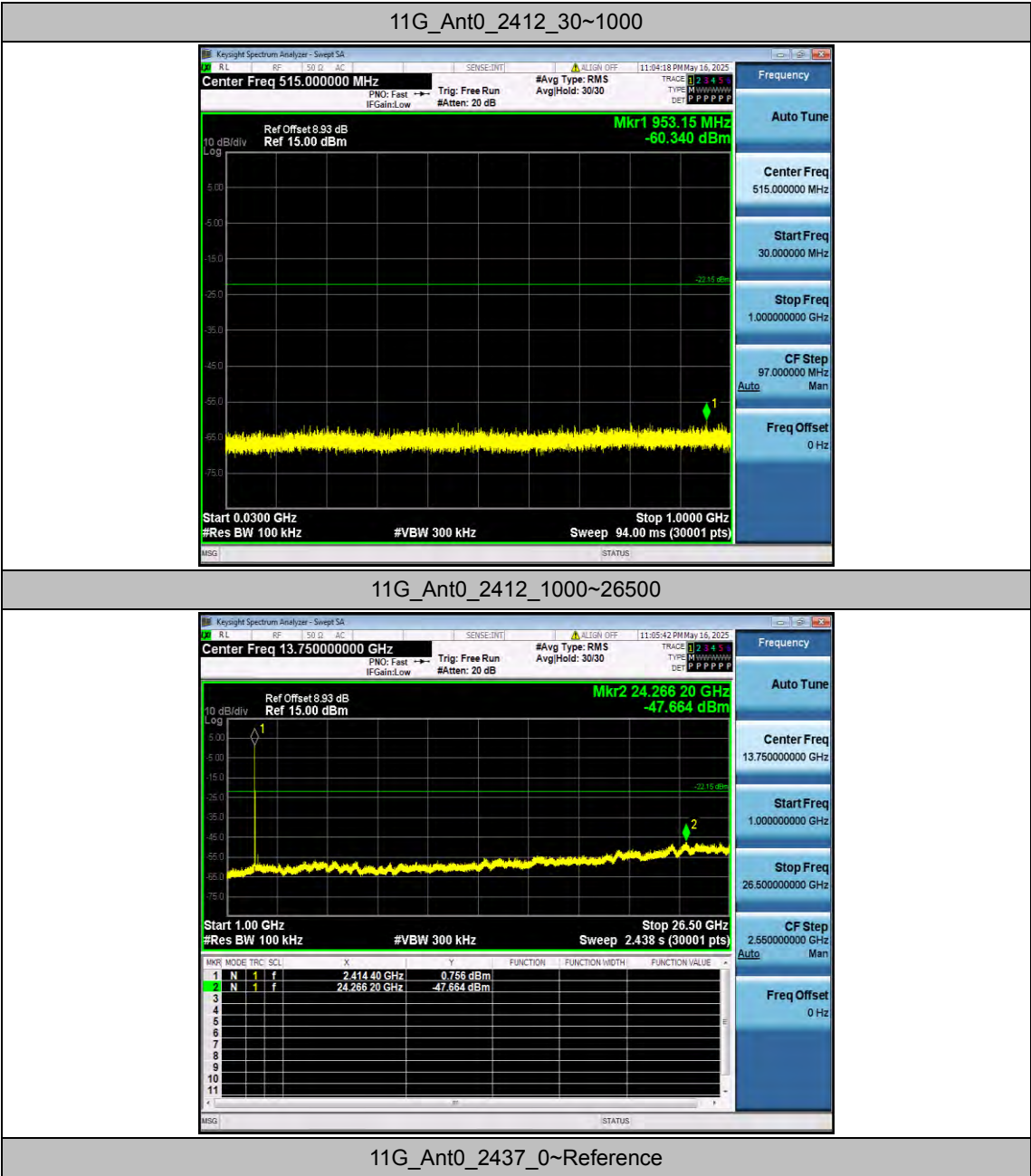


11B_Ant0_2462_1000~26500



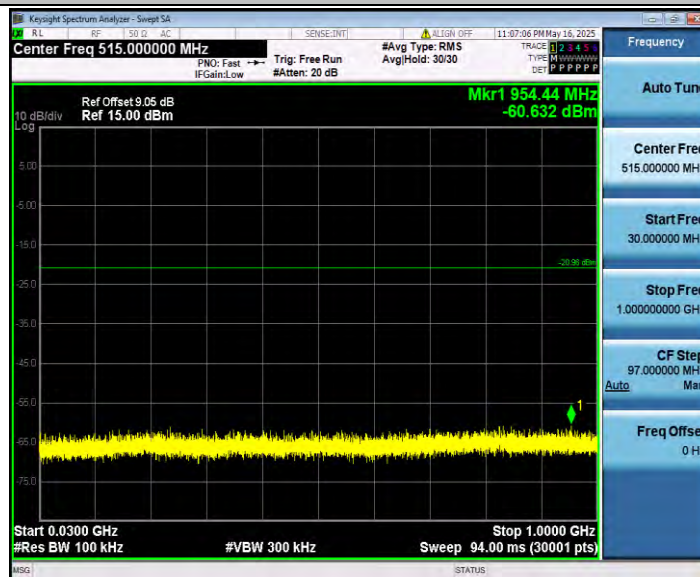
11G_Ant0_2412_0~Reference



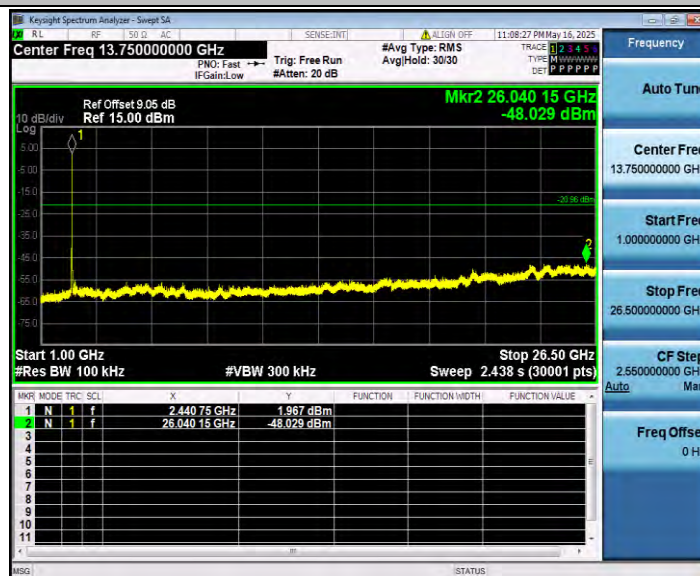




11G_Ant0_2437_30~1000



11G_Ant0_2437_1000~26500



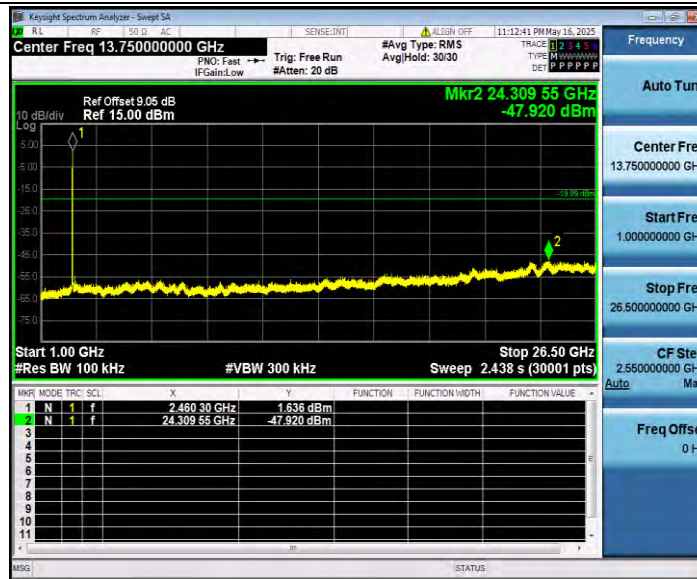
11G_Ant0_2462_0~Reference



11G_Ant0_2462_30~1000



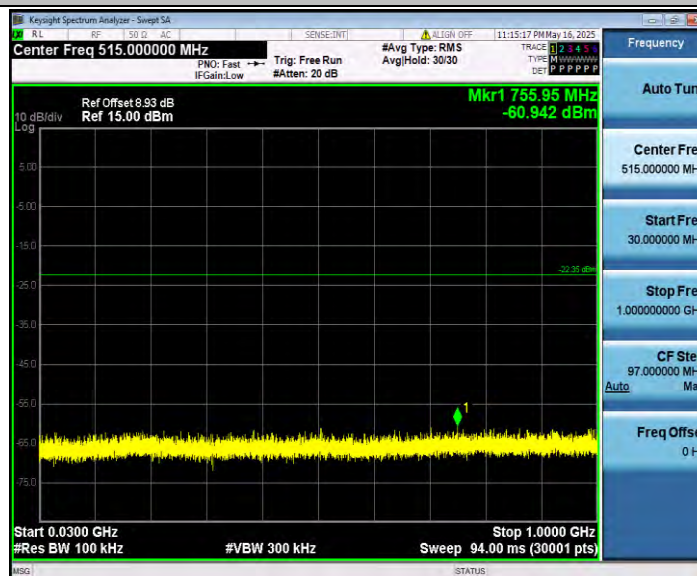
11G_Ant0_2462_1000~26500



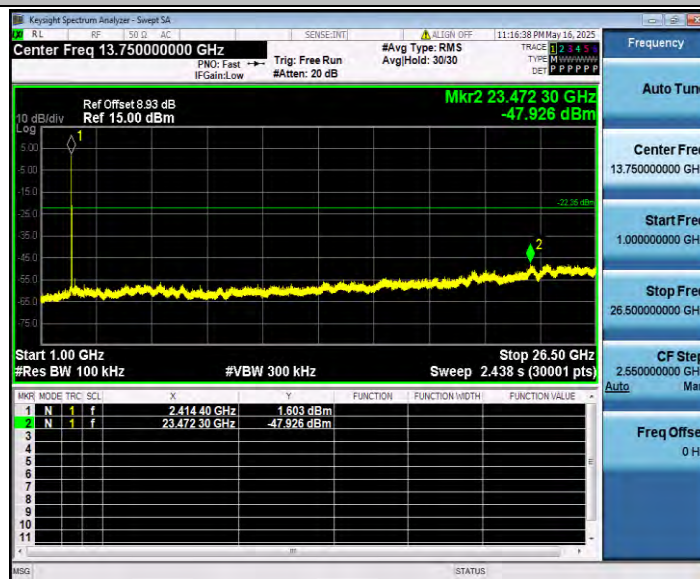
11N20SISO_Ant0_2412_0~Reference



11N20SISO_Ant0_2412_30~1000



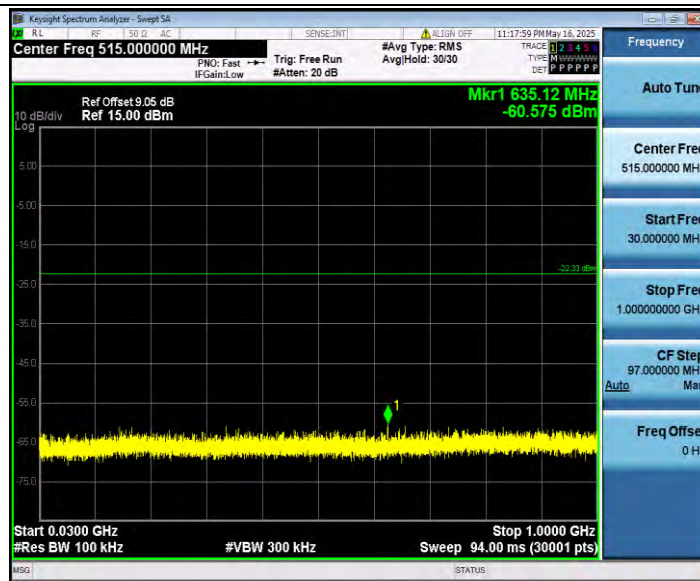
11N20SISO_Ant0_2412_1000~26500



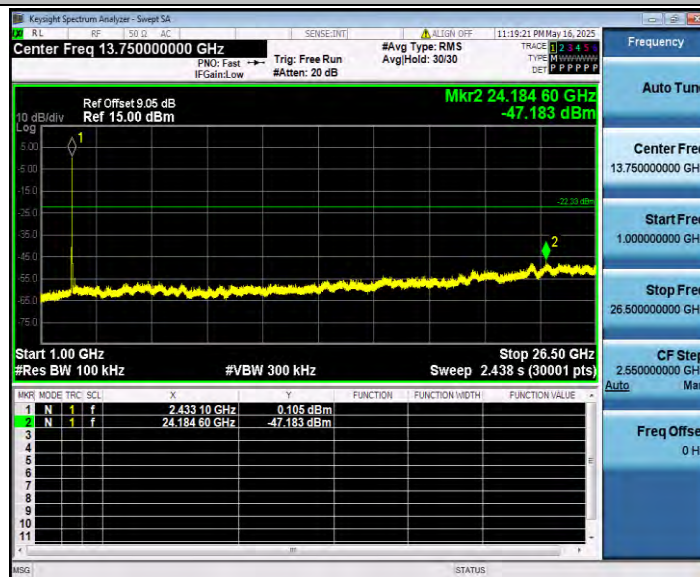
11N20SISO_Ant0_2437_0~Reference



11N20SISO_Ant0_2437_30~1000



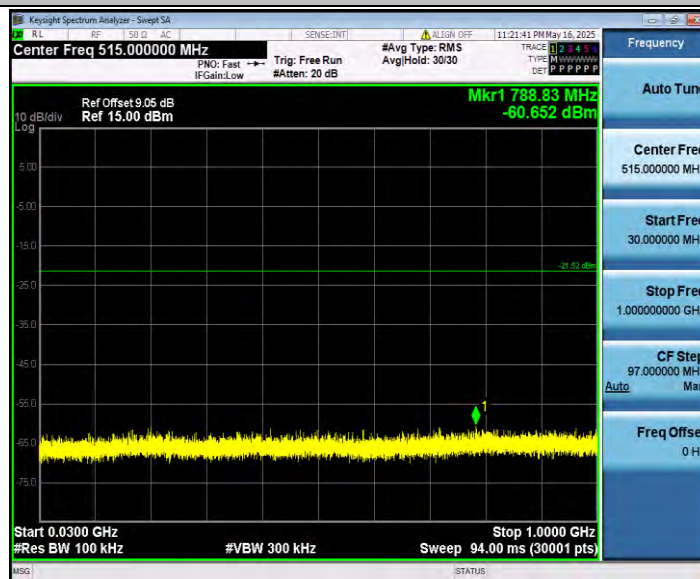
11N20SISO_Ant0_2437_1000~26500



11N20SISO_Ant0_2462_0~Reference



11N20SISO_Ant0_2462_30~1000



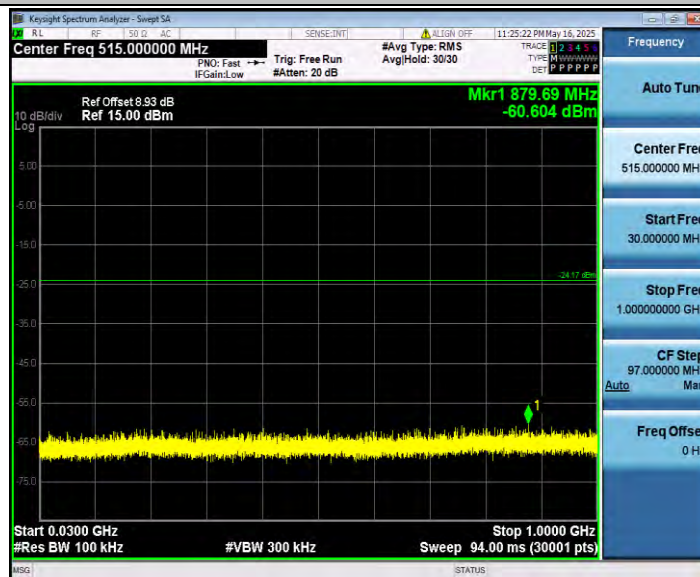
11N20SISO_Ant0_2462_1000~26500



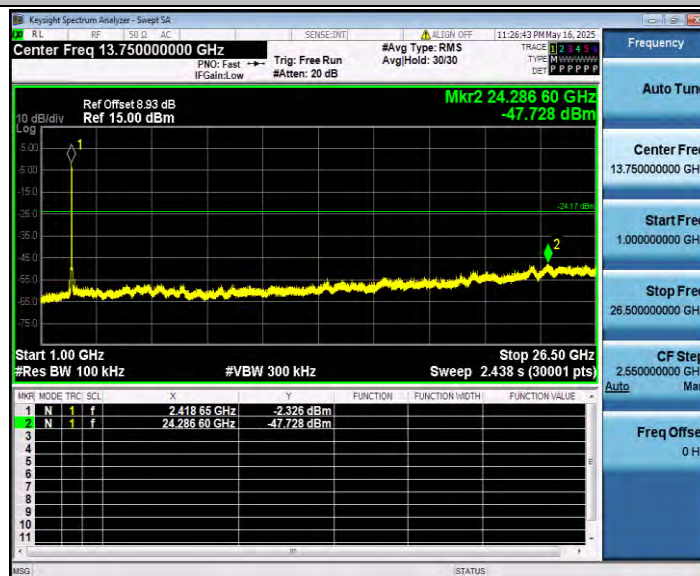
11N40SISO_Ant0_2422_0~Reference



11N40SISO_Ant0_2422_30~1000



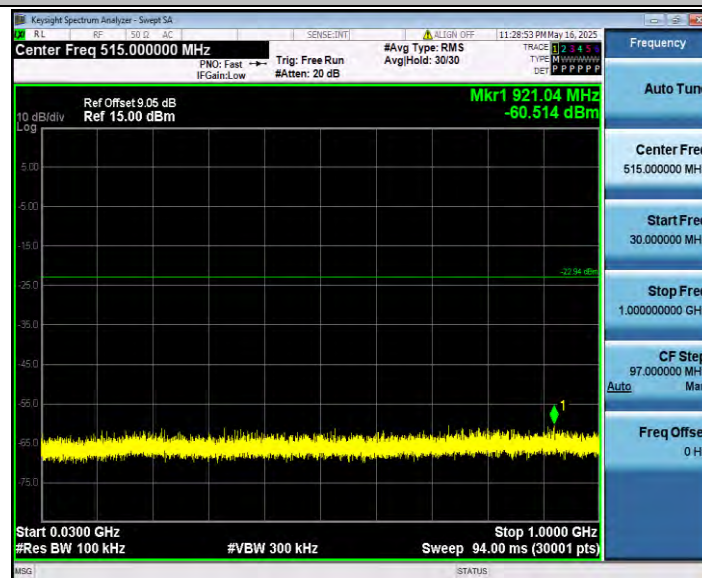
11N40SISO_Ant0_2422_1000~26500



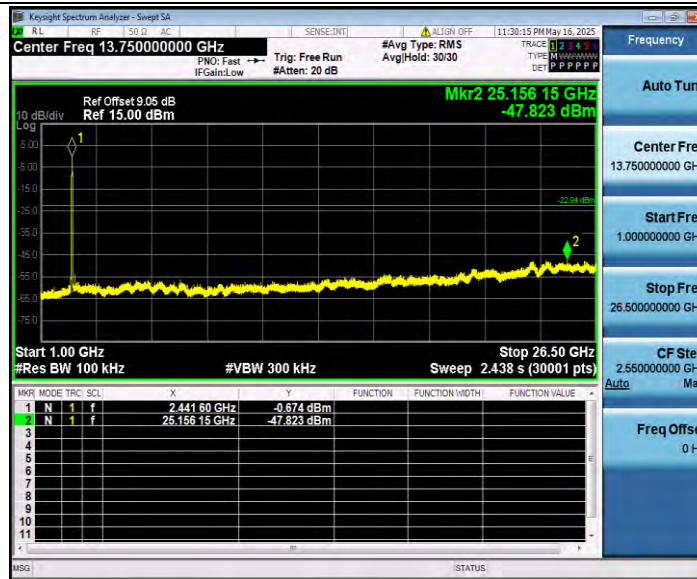
11N40SISO_Ant0_2437_0~Reference



11N40SISO_Ant0_2437_30~1000



11N40SISO_Ant0_2437_1000~26500



11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000

