

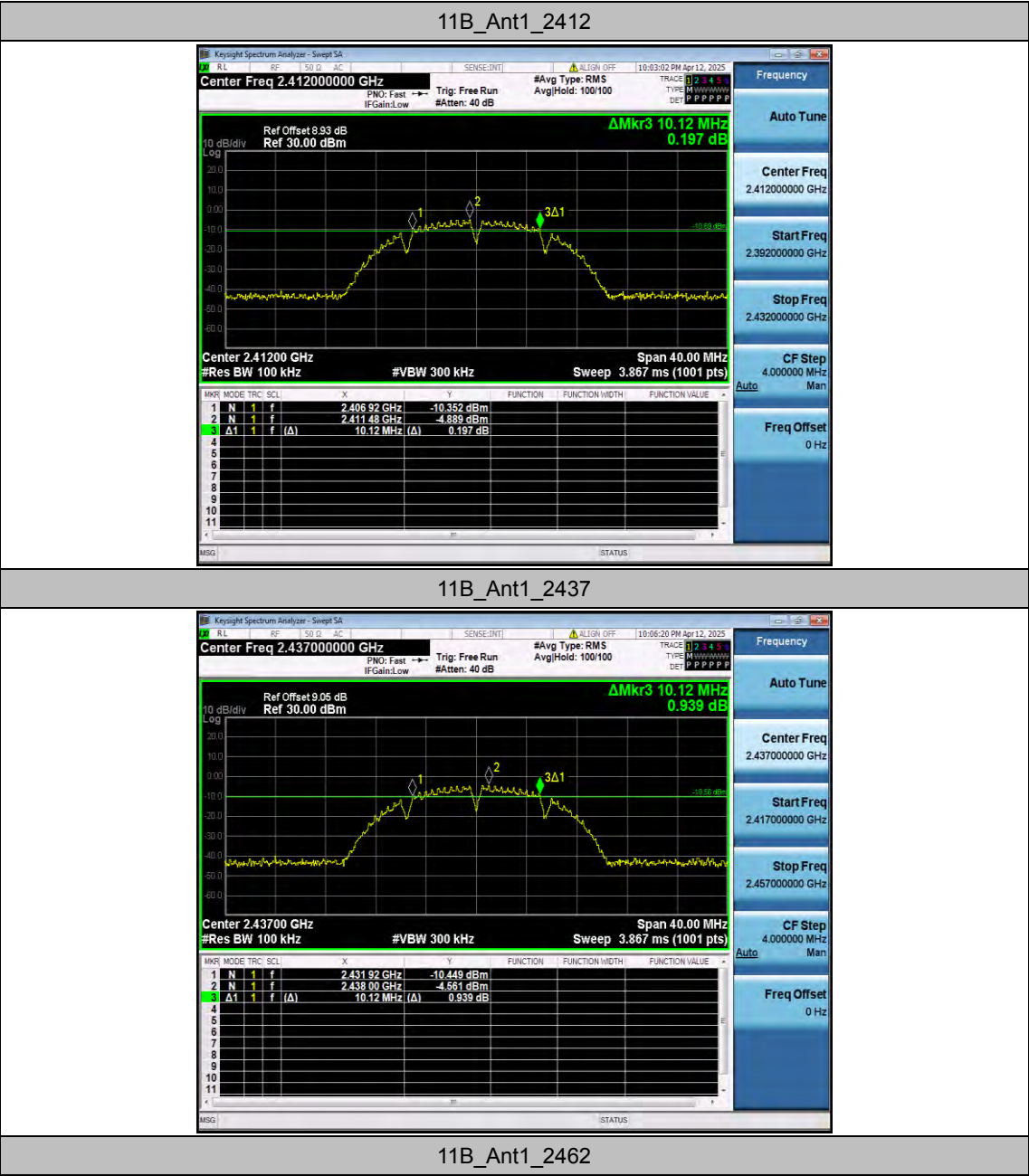
Case No. : <u>GTS20250319016-1-10</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH,	
Test Date: <u>2025.4.12</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2406.920	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	Ant1	2412	16.520	2403.720	2420.240	0.5	PASS
		2437	16.480	2428.760	2445.240	0.5	PASS
		2462	16.520	2453.720	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.760	2403.120	2420.880	0.5	PASS
		2437	17.720	2428.160	2445.880	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.480	2403.760	2440.240	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.400	2433.760	2470.160	0.5	PASS

Test Graphs



11B_Ant1_2437

Frequency

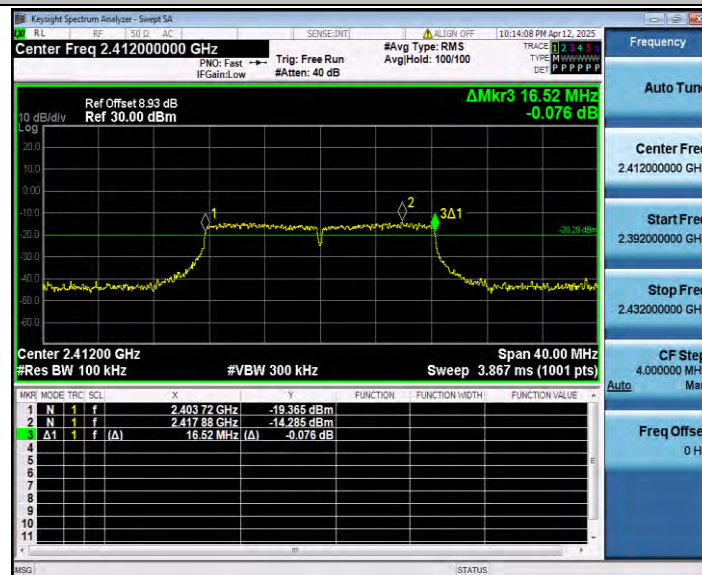
Auto Tune

Center Freq
2.43700000 GHzStart Freq
2.417000000 GHzStop Freq
2.457000000 GHzCF Step
4.000000 MHz
Auto ManFreq Offset
0 Hz

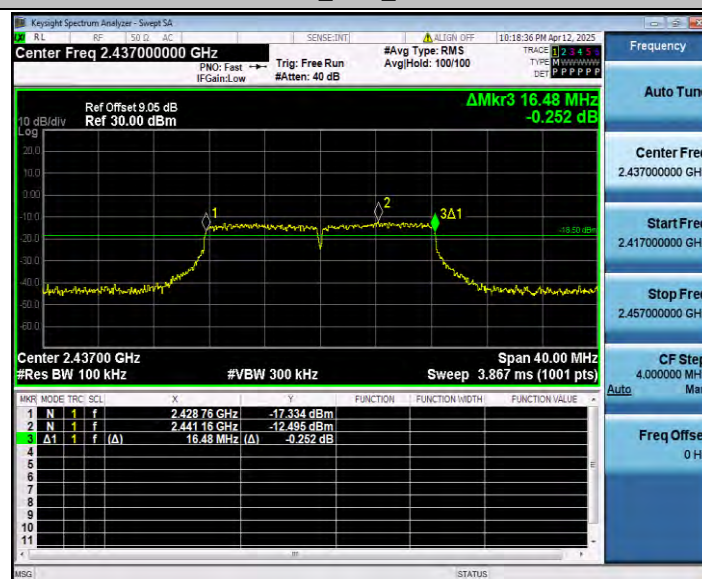
11B_Ant1_2462



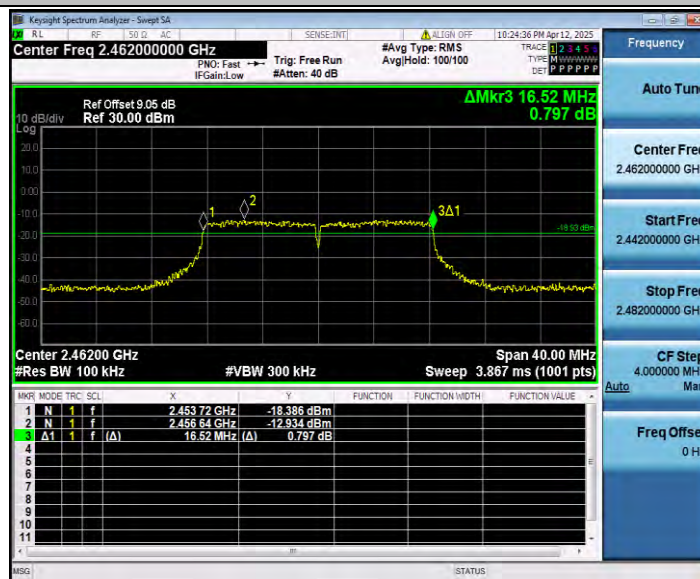
11G_Ant1_2412



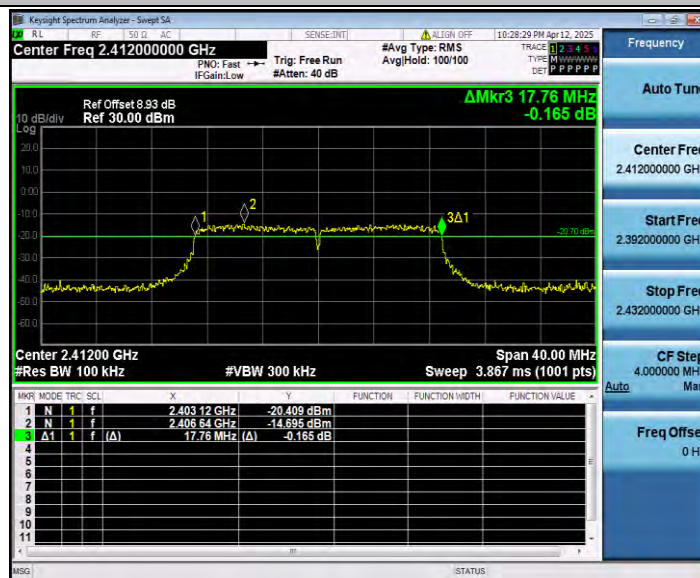
11G_Ant1_2437



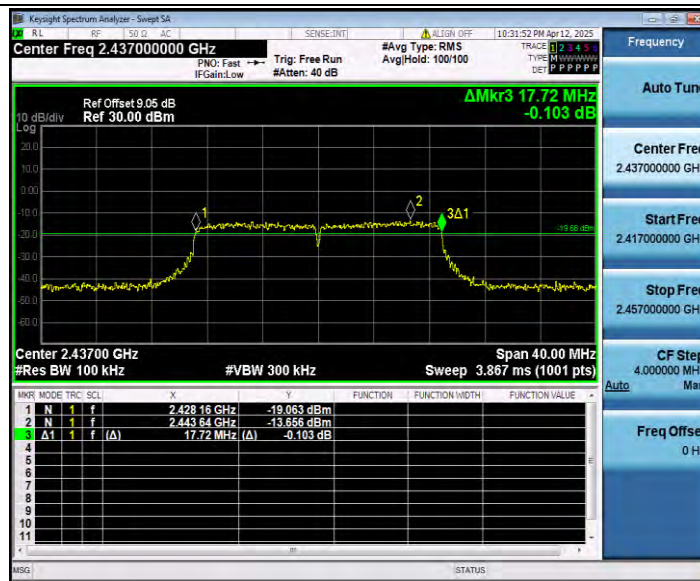
11G_Ant1_2462



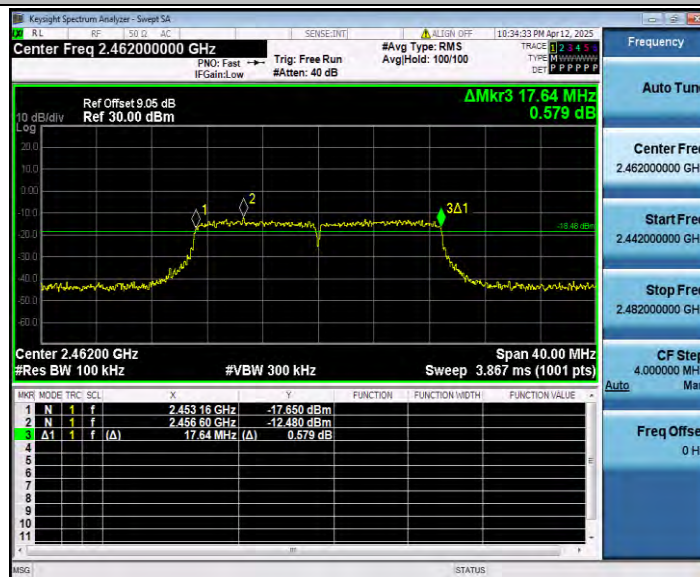
11N20SISO_Ant1_2412



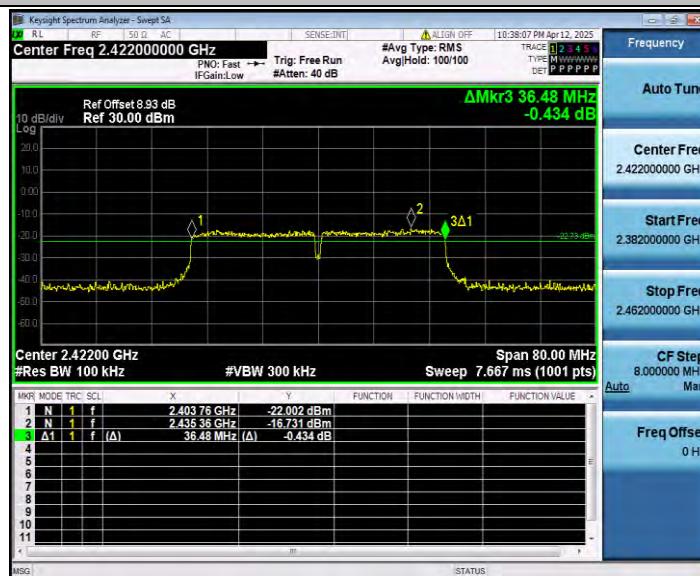
11N20SISO_Ant1_2437



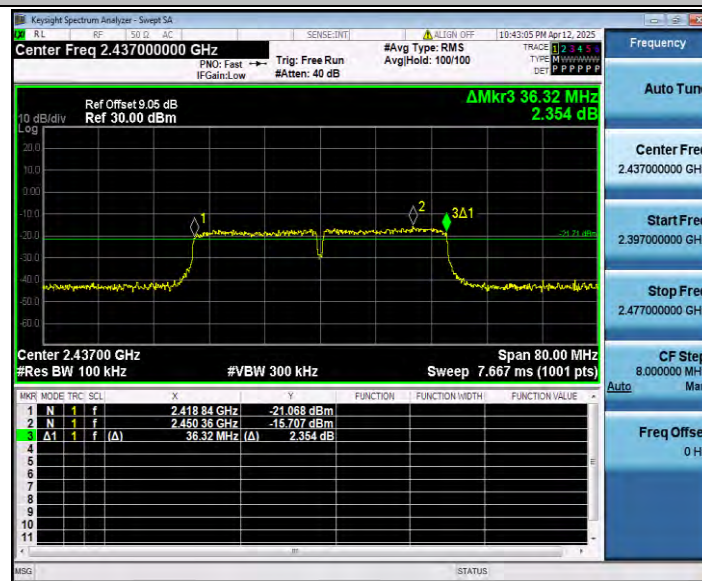
11N20SISO_Ant1_2462



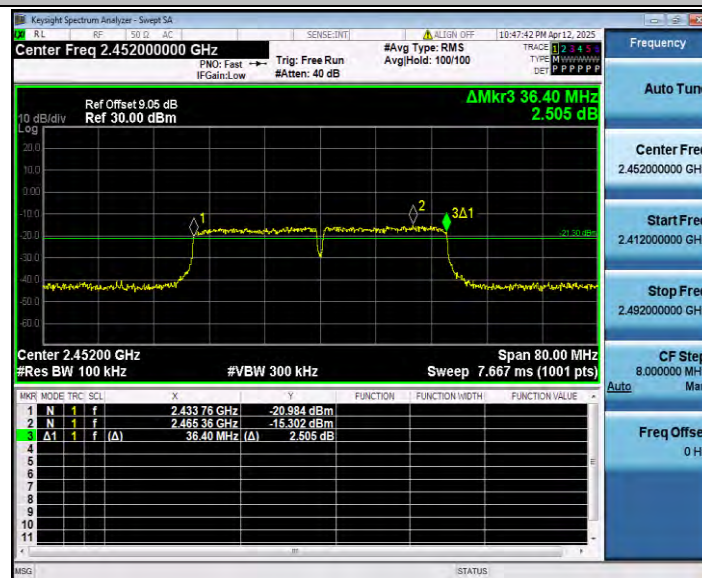
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



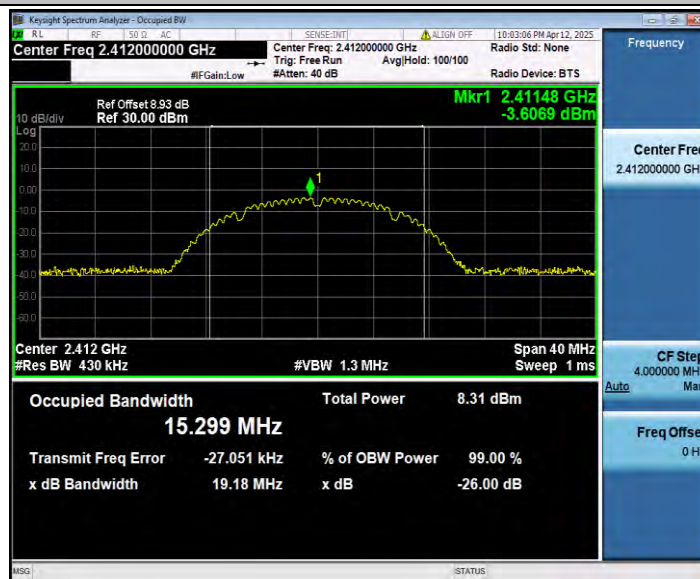
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.299	2404.3235	2419.6225	---	---
		2437	15.302	2429.3916	2444.6936	---	---
		2462	15.265	2454.3590	2469.6240	---	---
11G	Ant1	2412	17.223	2403.2988	2420.5218	---	---
		2437	17.152	2428.3675	2445.5195	---	---
		2462	17.053	2453.4396	2470.4926	---	---
11N20SISO	Ant1	2412	18.189	2402.8636	2421.0526	---	---
		2437	18.201	2427.9103	2446.1113	---	---
		2462	18.111	2452.9274	2471.0384	---	---
11N40SISO	Ant1	2422	37.047	2403.5392	2440.5862	---	---
		2437	36.982	2418.6014	2455.5834	---	---
		2452	36.753	2433.7094	2470.4624	---	---

Test Graphs

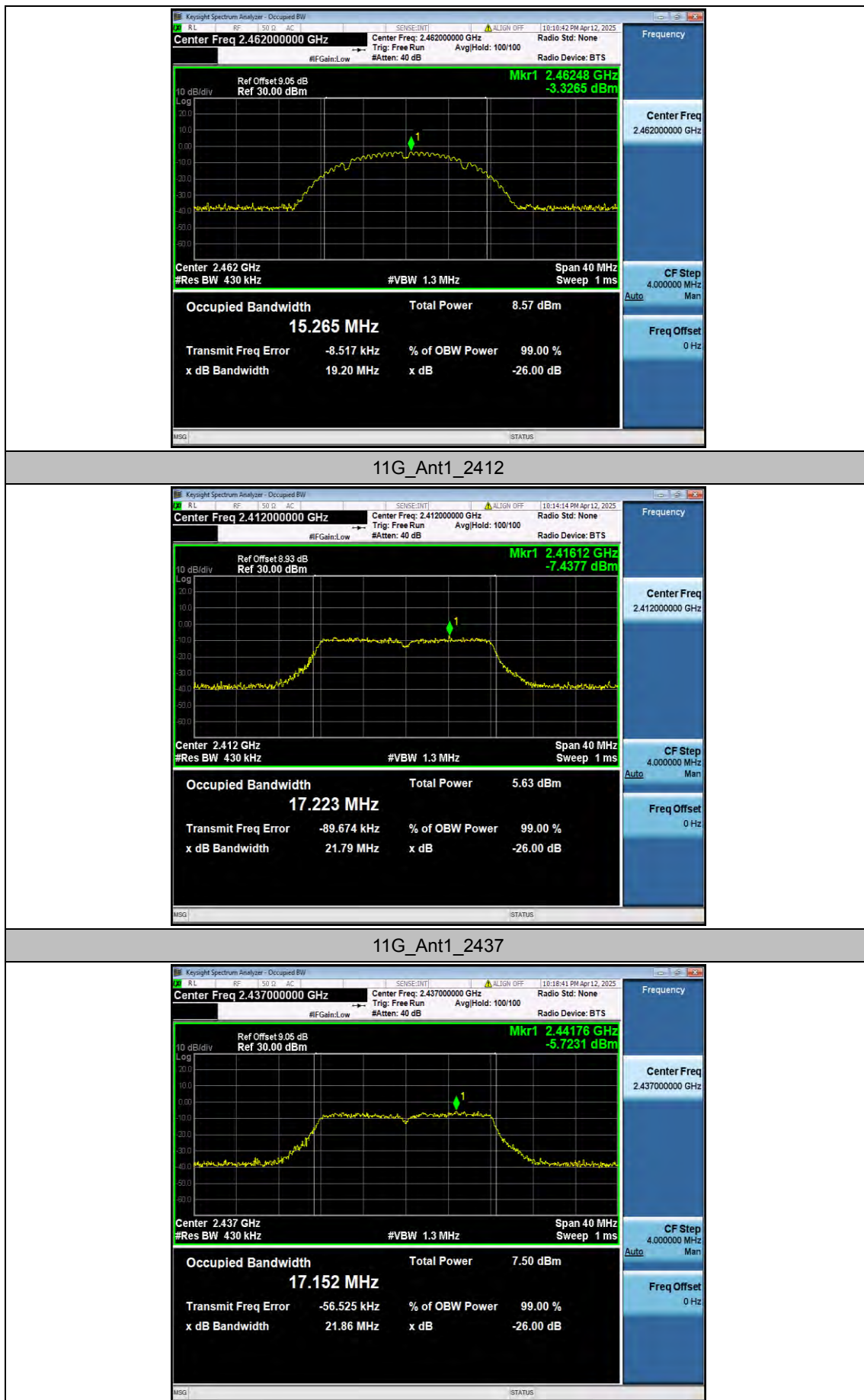
11B_Ant1_2412



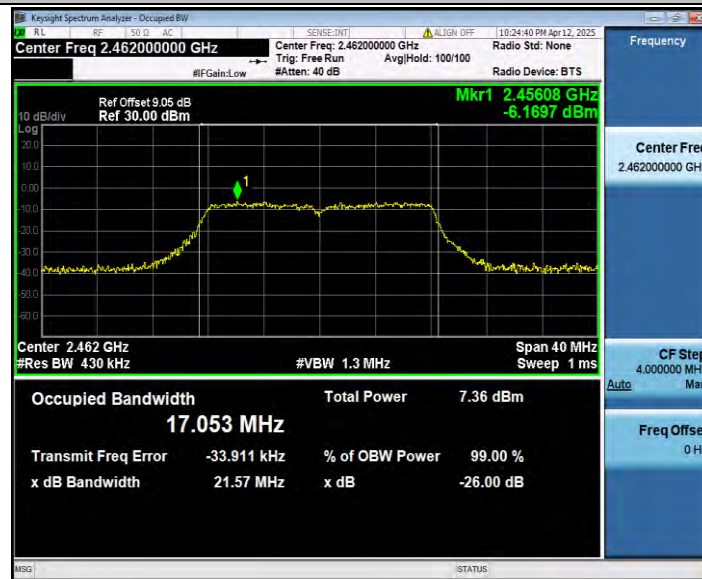
11B_Ant1_2437



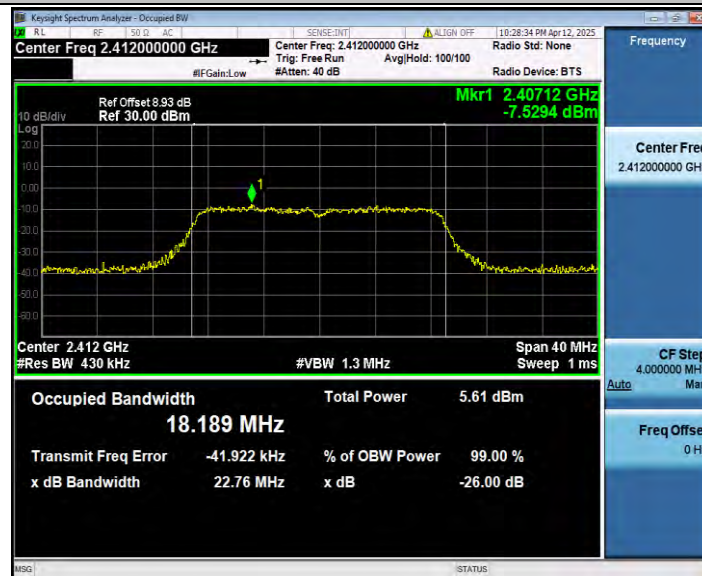
11B_Ant1_2462



11G_Ant1_2462



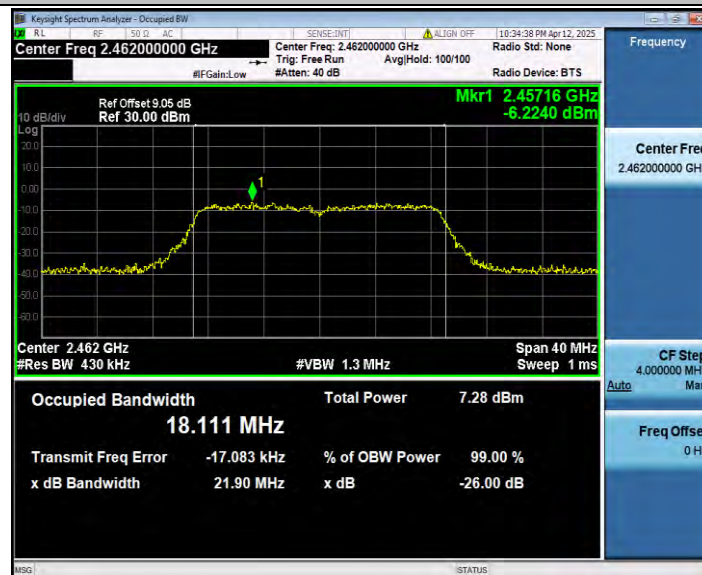
11N20SISO_Ant1_2412



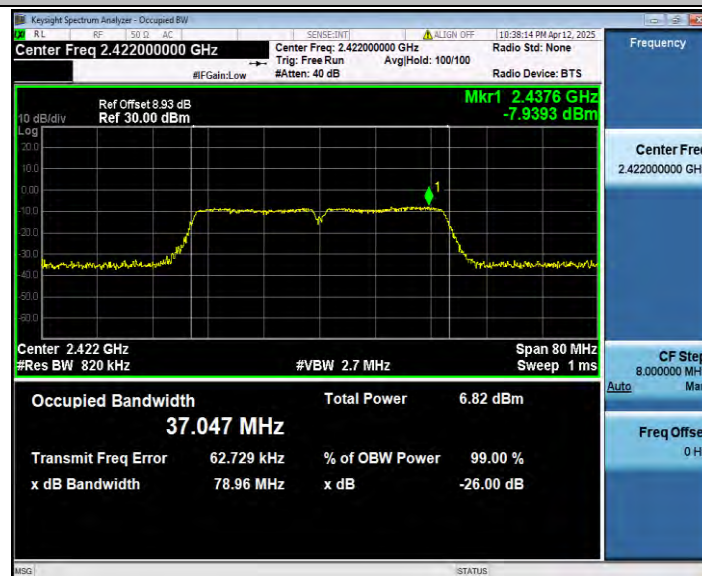
11N20SISO_Ant1_2437



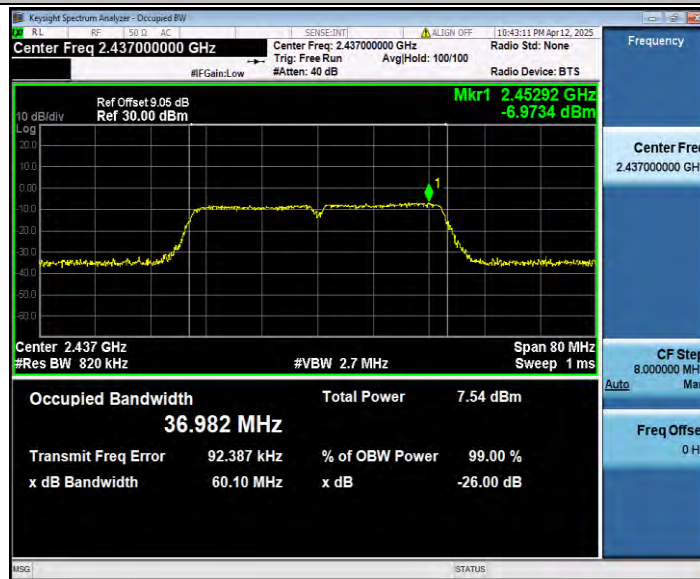
11N20SISO_Ant1_2462



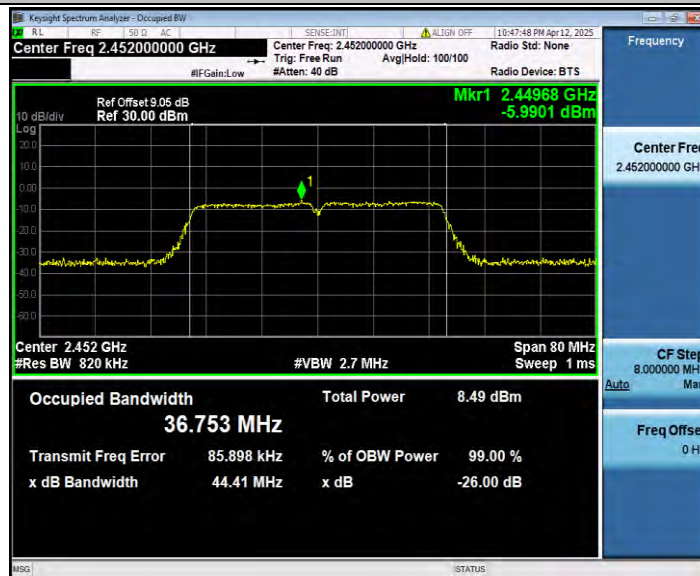
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.40	≤30.00	PASS
		2437	8.72	≤30.00	PASS
		2462	8.68	≤30.00	PASS
11G	Ant1	2412	6.84	≤30.00	PASS
		2437	8.69	≤30.00	PASS
		2462	8.49	≤30.00	PASS
11N20SISO	Ant1	2412	6.98	≤30.00	PASS
		2437	7.79	≤30.00	PASS
		2462	8.74	≤30.00	PASS
11N40SISO	Ant1	2422	7.15	≤30.00	PASS
		2437	7.86	≤30.00	PASS
		2452	8.81	≤30.00	PASS

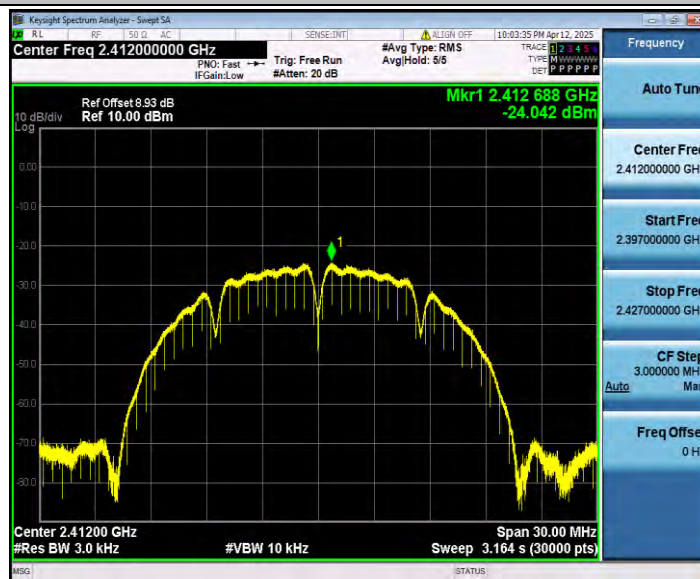
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-24.04	≤8.00	PASS
		2437	-24.05	≤8.00	PASS
		2462	-23.97	≤8.00	PASS
11G	Ant1	2412	-28.63	≤8.00	PASS
		2437	-26.39	≤8.00	PASS
		2462	-26.87	≤8.00	PASS
11N20SISO	Ant1	2412	-27.93	≤8.00	PASS
		2437	-27.13	≤8.00	PASS
		2462	-25.95	≤8.00	PASS
11N40SISO	Ant1	2422	-30.24	≤8.00	PASS
		2437	-29.16	≤8.00	PASS
		2452	-28.00	≤8.00	PASS

Test Graphs

11B_Ant1_2412



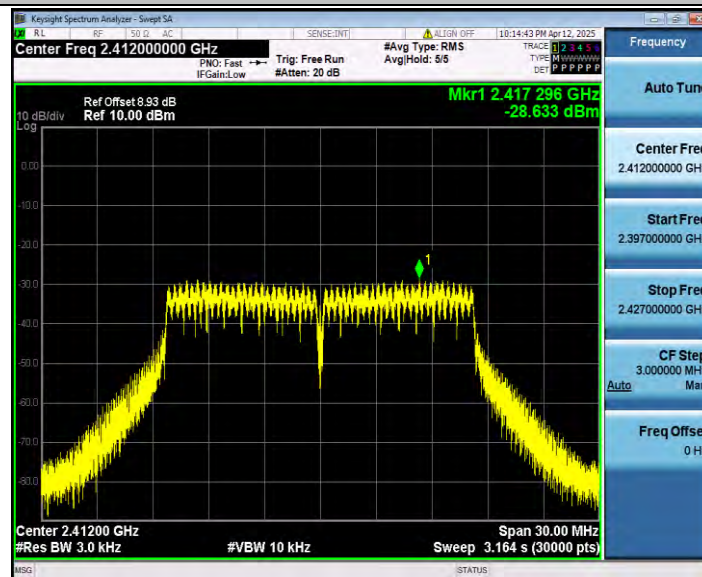
11B_Ant1_2437



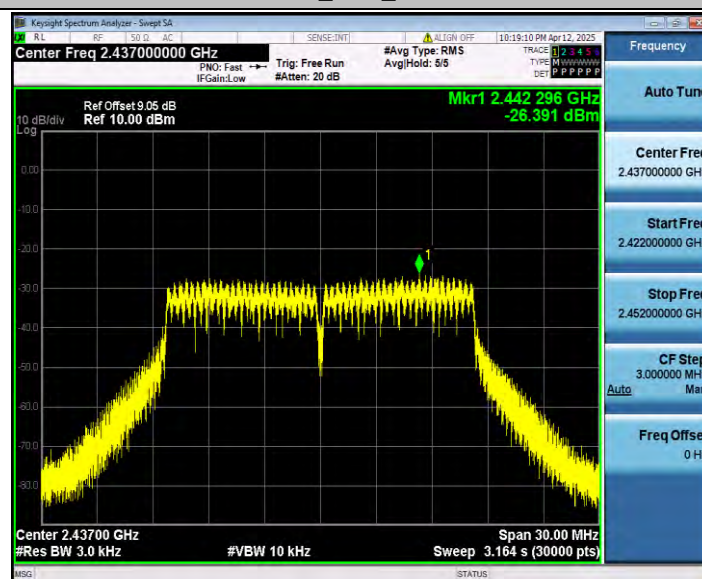
11B_Ant1_2462



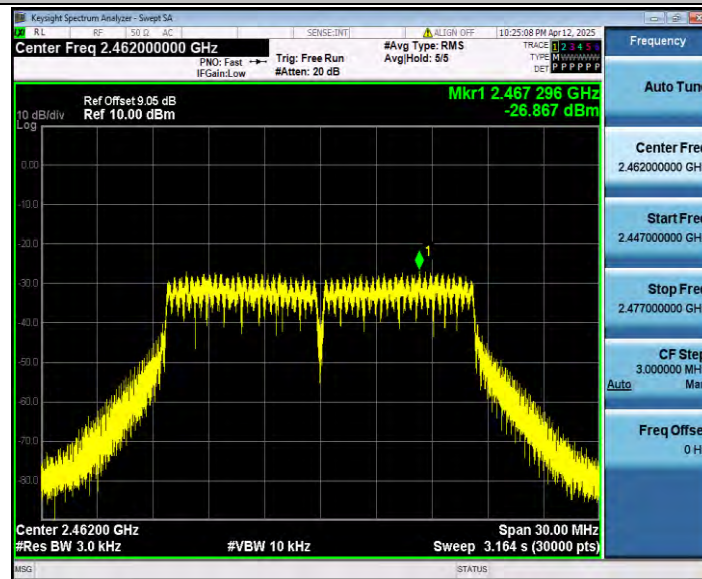
11G_Ant1_2412



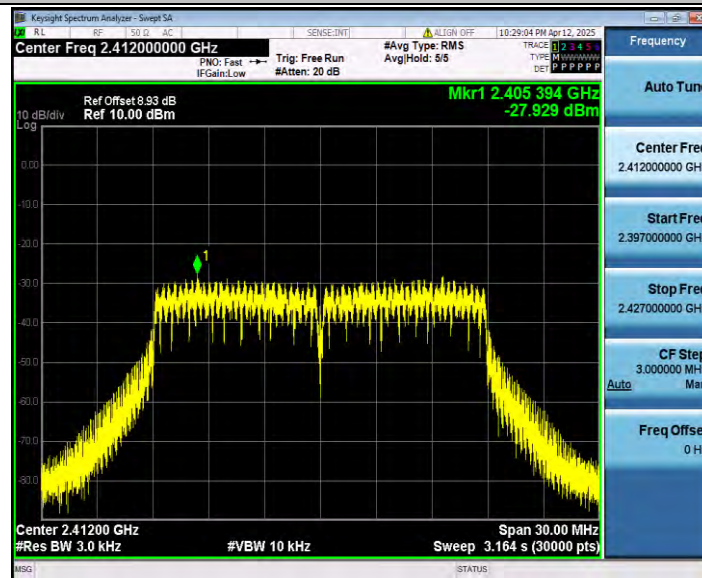
11G_Ant1_2437



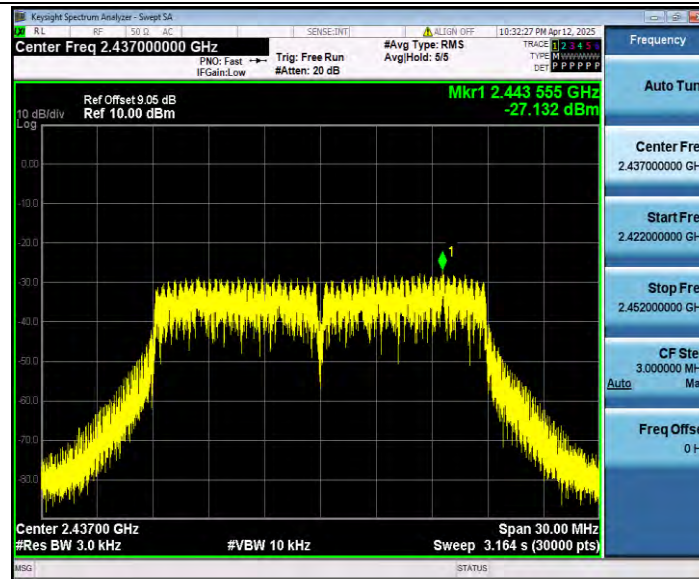
11G_Ant1_2462



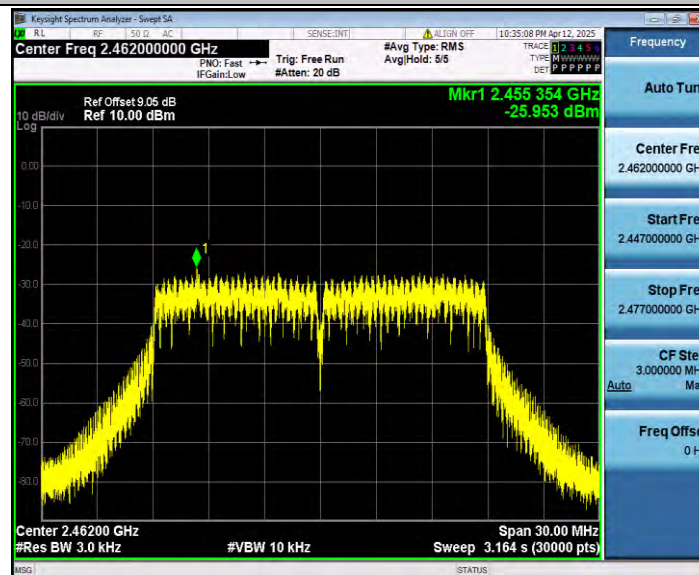
11N20SISO_Ant1_2412



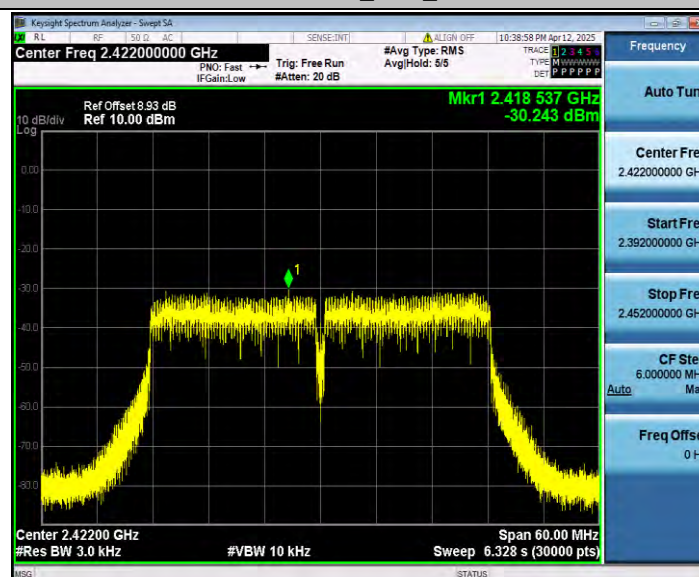
11N20SISO_Ant1_2437



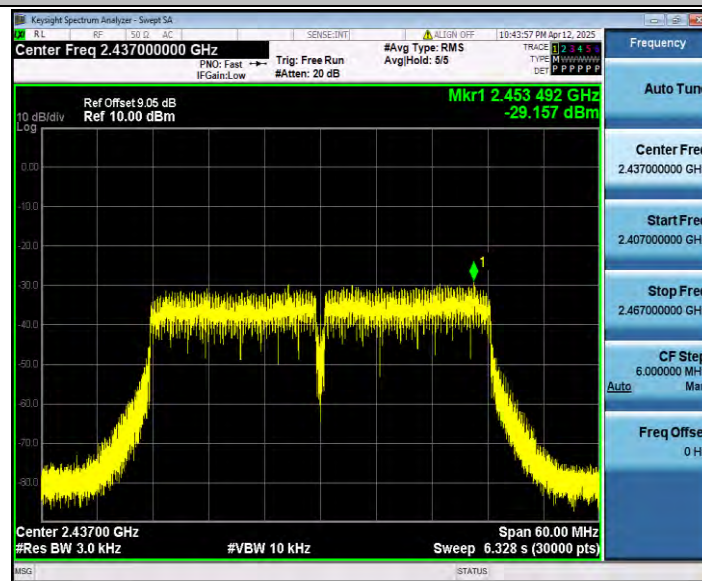
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



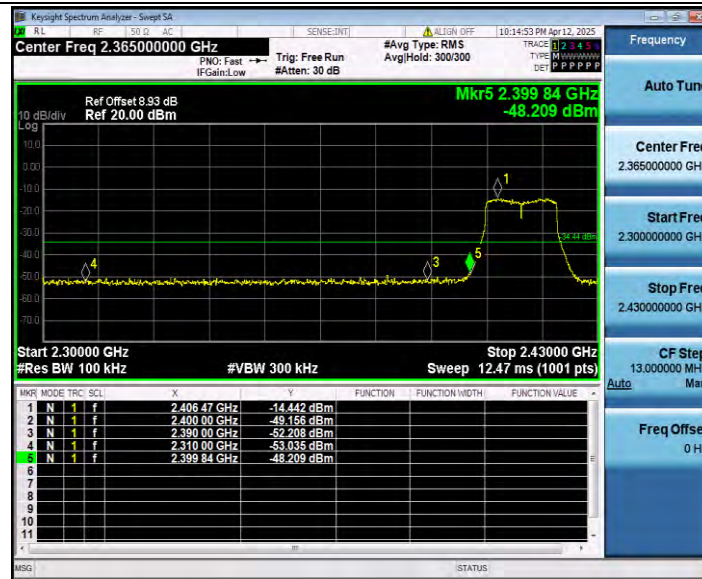
Appendix C.5: Band edge measurements

Test Result

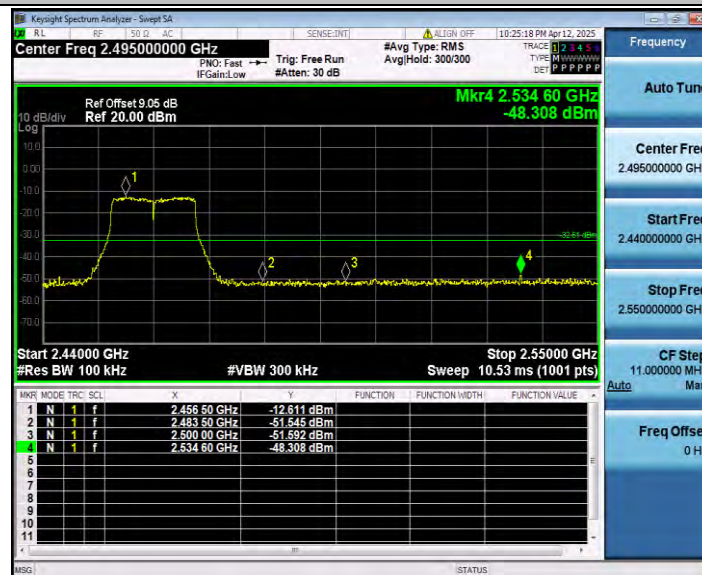
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-4.93	-47.64	≤ -24.93	PASS
		High	2462	-4.57	-49.59	≤ -24.57	PASS
11G	Ant1	Low	2412	-14.44	-48.21	≤ -34.44	PASS
		High	2462	-12.61	-48.31	≤ -32.61	PASS
11N20SISO	Ant1	Low	2412	-14.31	-46.45	≤ -34.31	PASS
		High	2462	-12.42	-49.5	≤ -32.42	PASS
11N40SISO	Ant1	Low	2422	-17.63	-47.66	≤ -37.63	PASS
		High	2452	-15.20	-48.54	≤ -35.2	PASS

Test Graphs

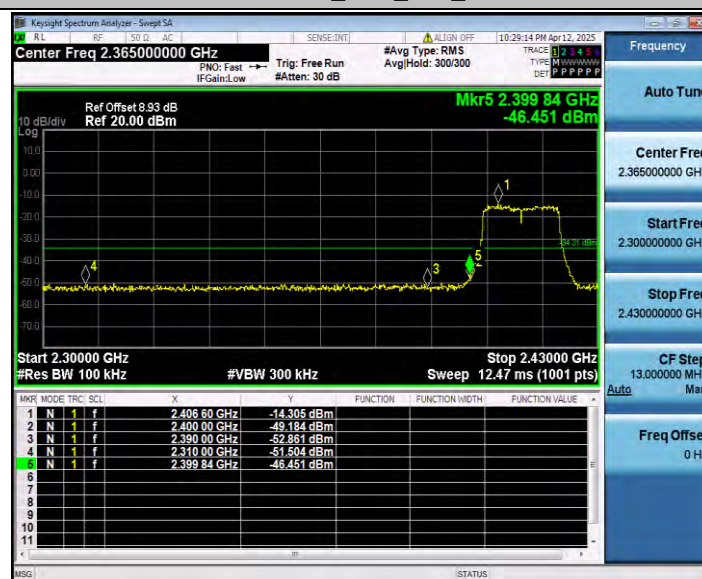




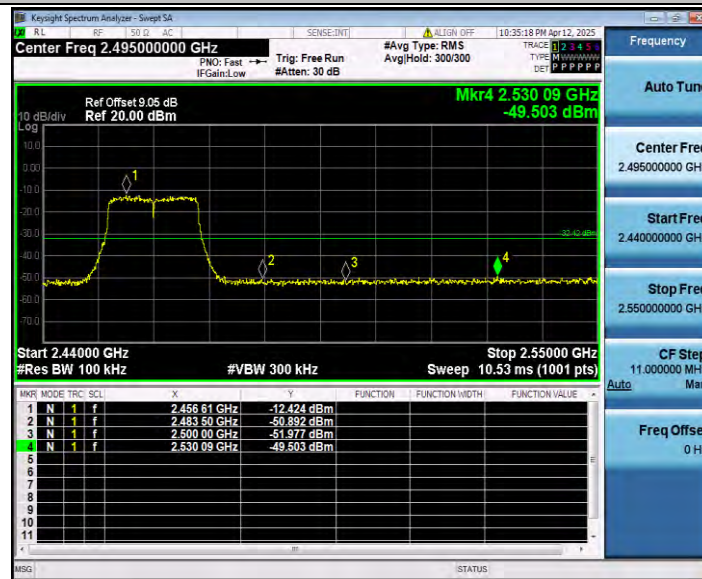
11G_Ant1_High_2462



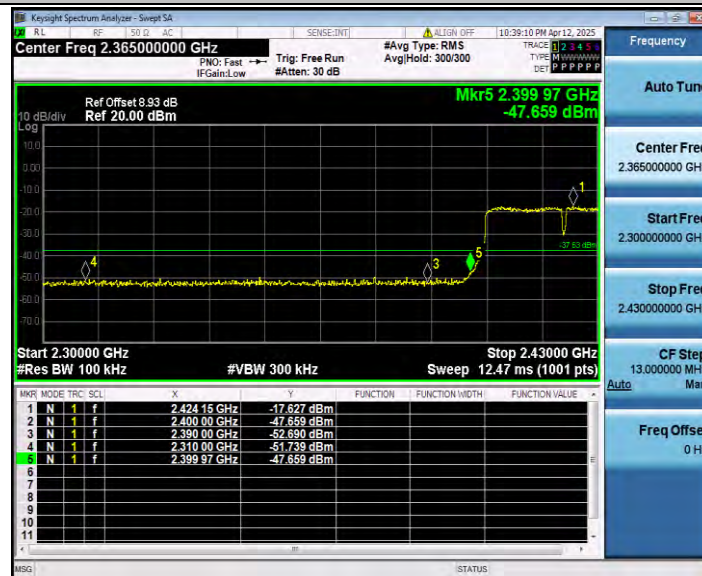
11N20SISO_Ant1_Low_2412



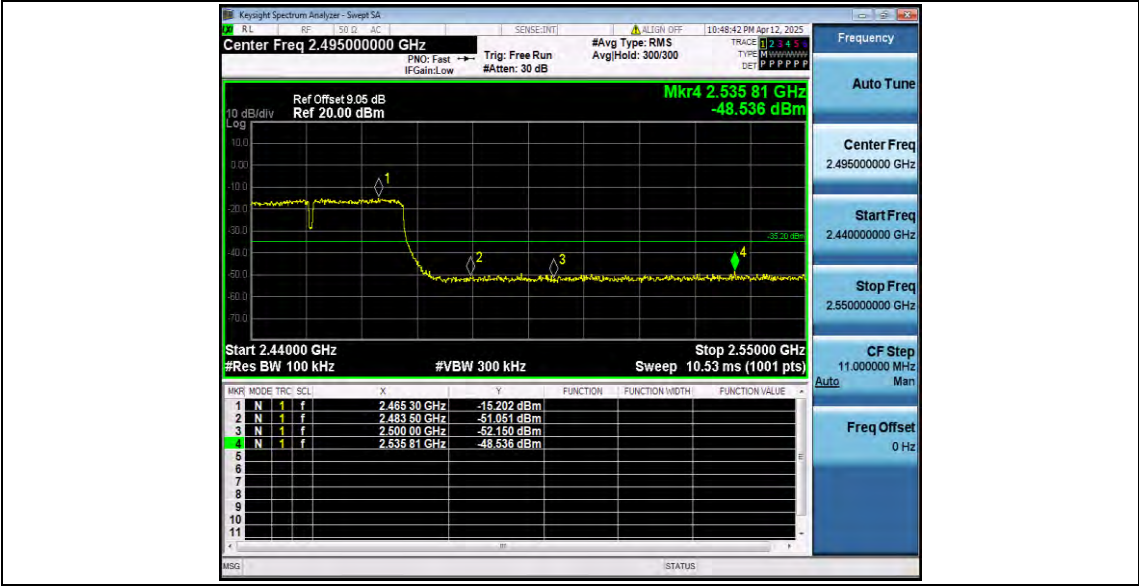
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

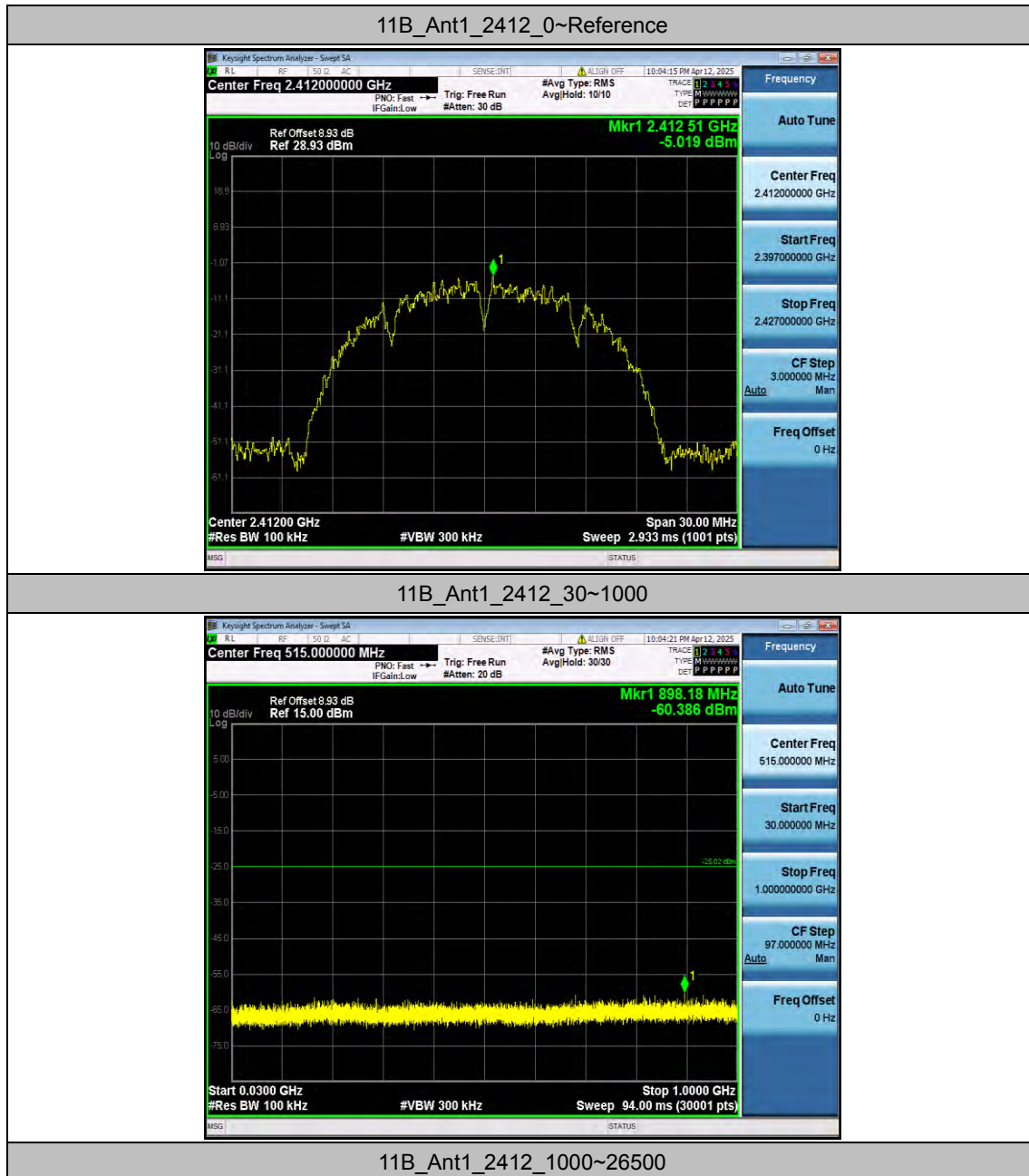


Appendix C.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-5.02	-5.02	---	PASS
			30~1000	-5.02	-60.39	≤ -25.02	PASS
			1000~26500	-5.02	-47.9	≤ -25.02	PASS
		2437	Reference	-4.68	-4.68	---	PASS
			30~1000	-4.68	-60.6	≤ -24.68	PASS
			1000~26500	-4.68	-47.9	≤ -24.68	PASS
		2462	Reference	-4.60	-4.60	---	PASS
			30~1000	-4.60	-60.29	≤ -24.6	PASS
			1000~26500	-4.60	-46.57	≤ -24.6	PASS
11G	Ant1	2412	Reference	-15.11	-15.11	---	PASS
			30~1000	-15.11	-60.45	≤ -35.11	PASS
			1000~26500	-15.11	-46.62	≤ -35.11	PASS
		2437	Reference	-12.67	-12.67	---	PASS
			30~1000	-12.67	-60.25	≤ -32.67	PASS
			1000~26500	-12.67	-47.17	≤ -32.67	PASS
		2462	Reference	-13.30	-13.30	---	PASS
			30~1000	-13.30	-60.61	≤ -33.3	PASS
			1000~26500	-13.30	-47.45	≤ -33.3	PASS
11N20SISO	Ant1	2412	Reference	-15.42	-15.42	---	PASS
			30~1000	-15.42	-60.38	≤ -35.42	PASS
			1000~26500	-15.42	-47.49	≤ -35.42	PASS
		2437	Reference	-14.00	-14.00	---	PASS
			30~1000	-14.00	-60.2	≤ -34	PASS
			1000~26500	-14.00	-47.28	≤ -34	PASS
		2462	Reference	-13.71	-13.71	---	PASS
			30~1000	-13.71	-59.52	≤ -33.71	PASS
			1000~26500	-13.71	-47.21	≤ -33.71	PASS
11N40SISO	Ant1	2422	Reference	-17.59	-17.59	---	PASS
			30~1000	-17.59	-60.45	≤ -37.59	PASS
			1000~26500	-17.59	-48.1	≤ -37.59	PASS
		2437	Reference	-16.83	-16.83	---	PASS
			30~1000	-16.83	-60.57	≤ -36.83	PASS
			1000~26500	-16.83	-47.38	≤ -36.83	PASS
		2452	Reference	-15.37	-15.37	---	PASS
			30~1000	-15.37	-60.16	≤ -35.37	PASS
			1000~26500	-15.37	-47.94	≤ -35.37	PASS

Test Graphs

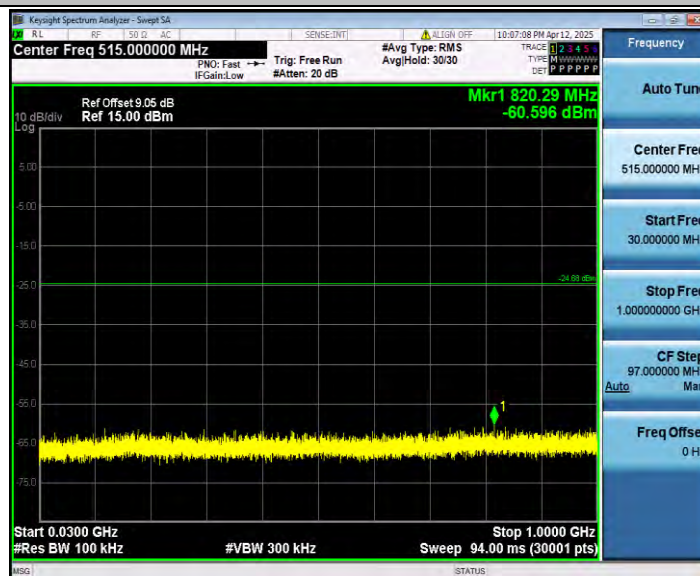




11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



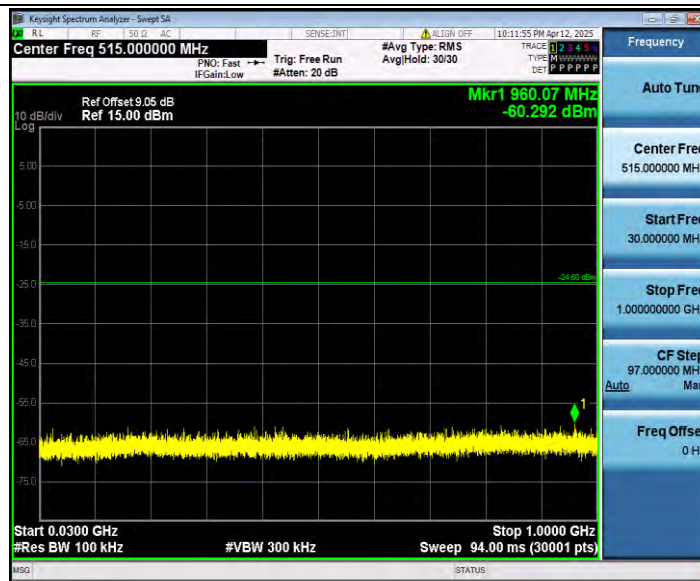
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



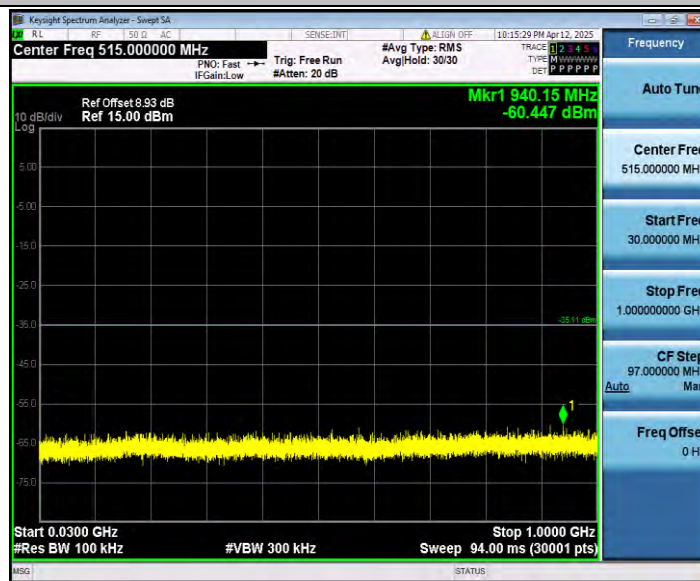
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



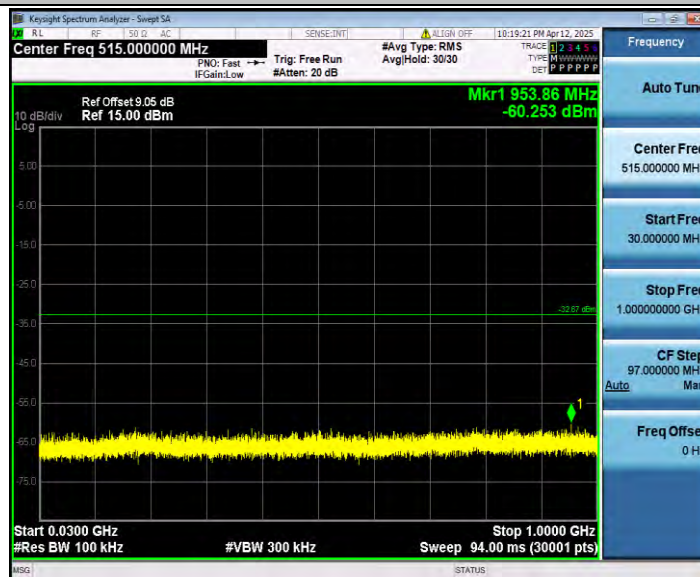
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



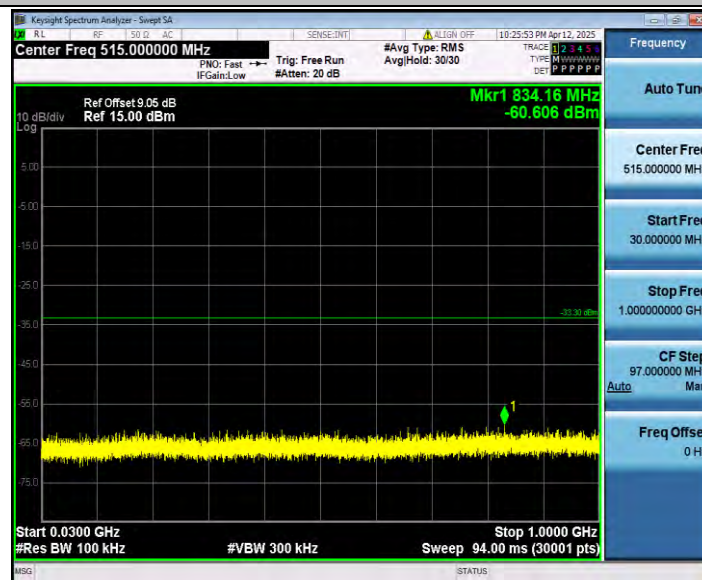
11G_Ant1_2437_1000~26500



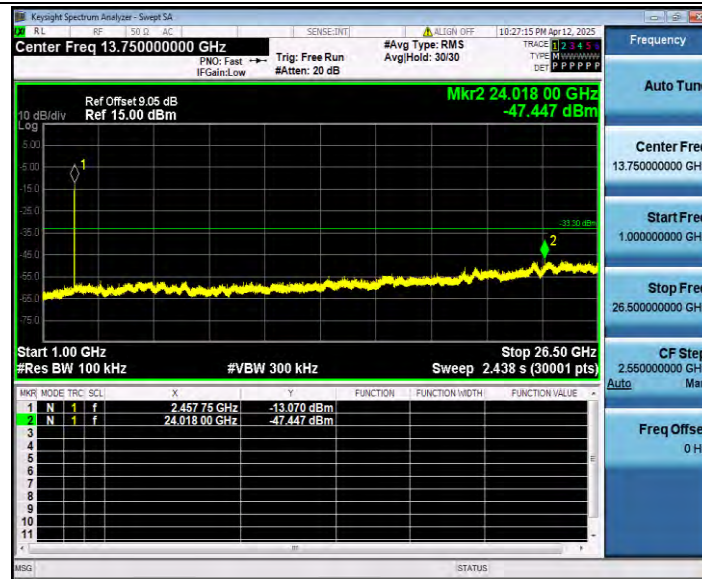
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



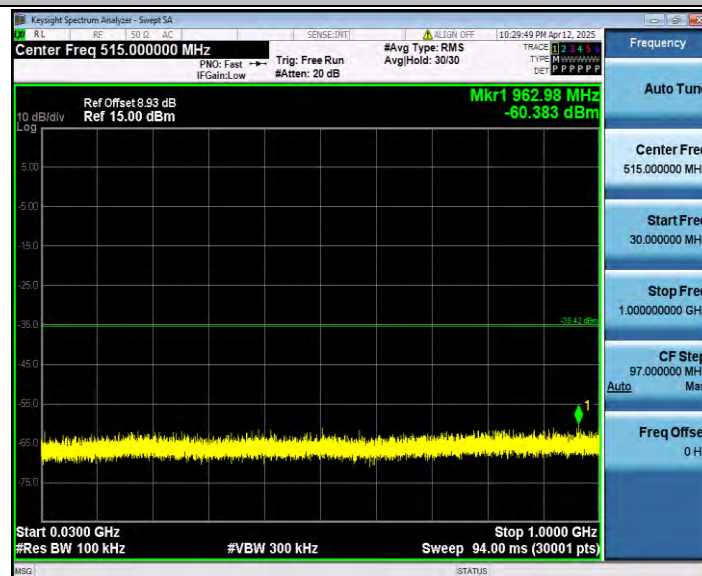
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



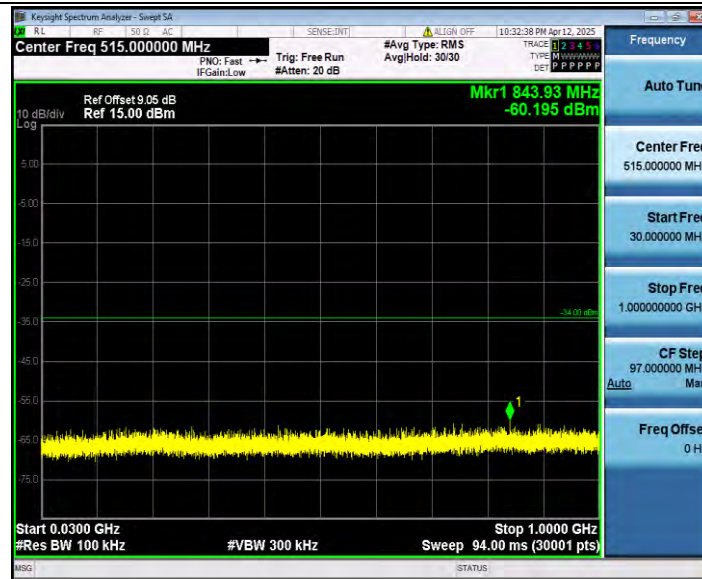
11N20SISO_Ant1_2412_1000~26500



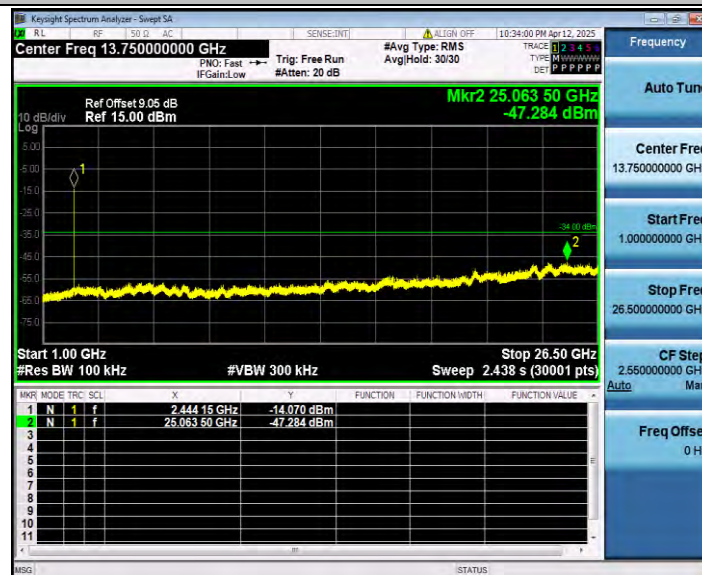
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



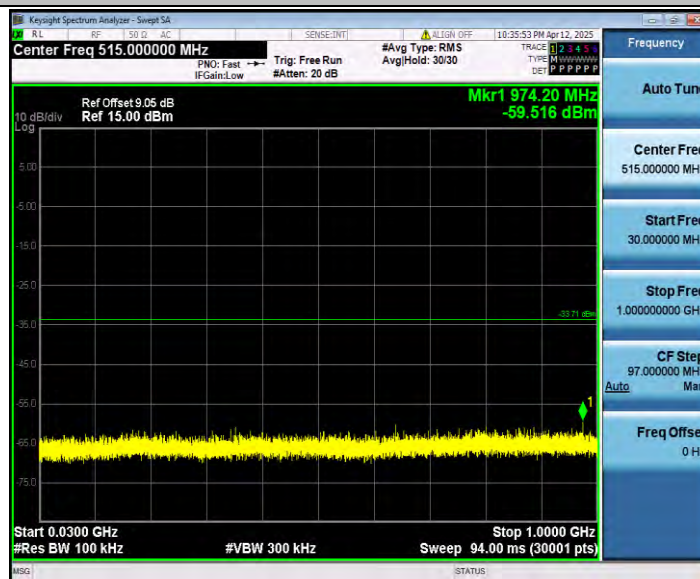
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



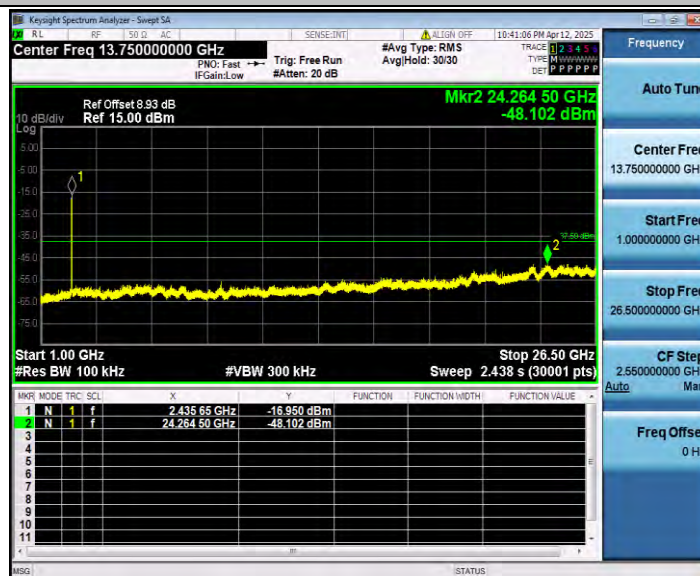
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



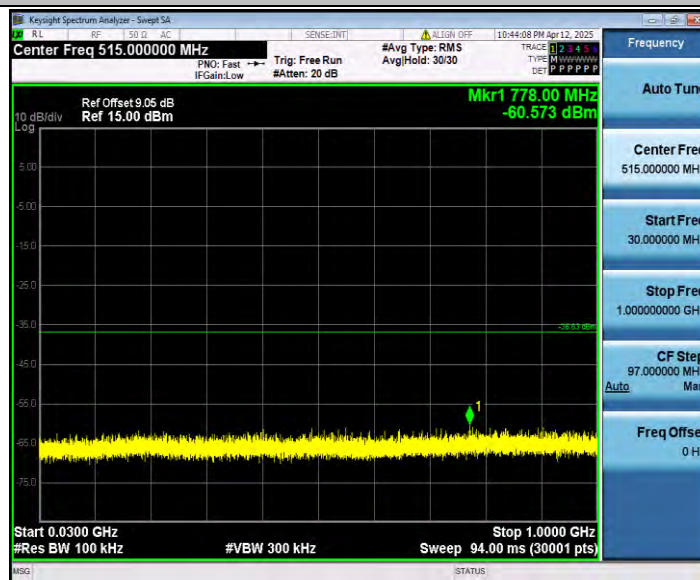
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000

