

Case No. : GTS20221111005-1-12	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2023.1.6	Test Engineer: Jenny zeng

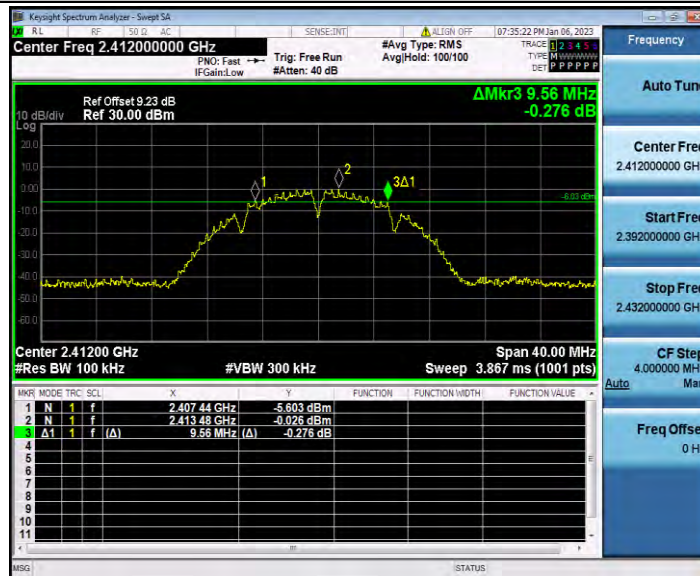
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.440	2417.000	0.5	PASS
		2437	8.560	2432.960	2441.520	0.5	PASS
		2462	8.560	2457.480	2466.040	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.280	2428.840	2445.120	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.560	2428.200	2445.760	0.5	PASS
		2462	17.200	2453.200	2470.400	0.5	PASS
11N40SISO	Ant1	2422	35.840	2404.240	2440.080	0.5	PASS
		2437	35.440	2419.400	2454.840	0.5	PASS
		2452	35.760	2433.840	2469.600	0.5	PASS

Test Graphs

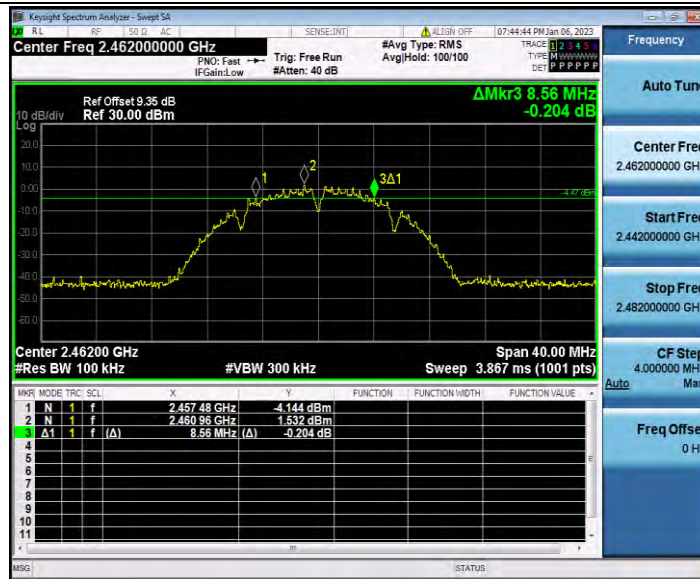
11B_Ant1_2412



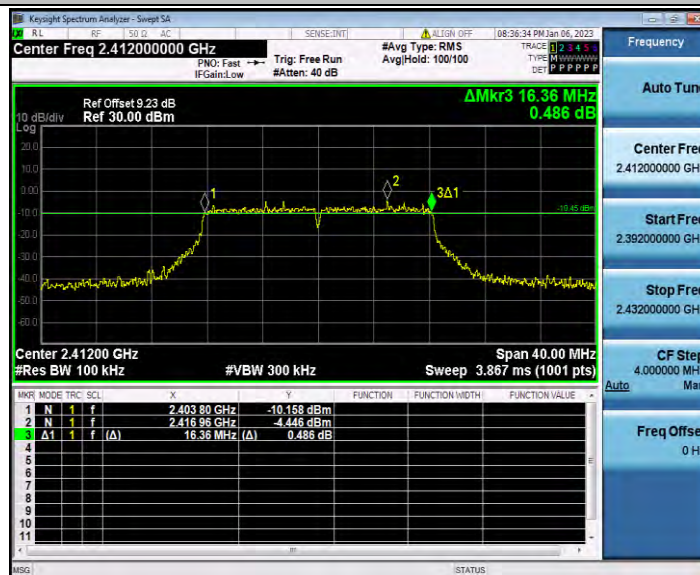
11B_Ant1_2437



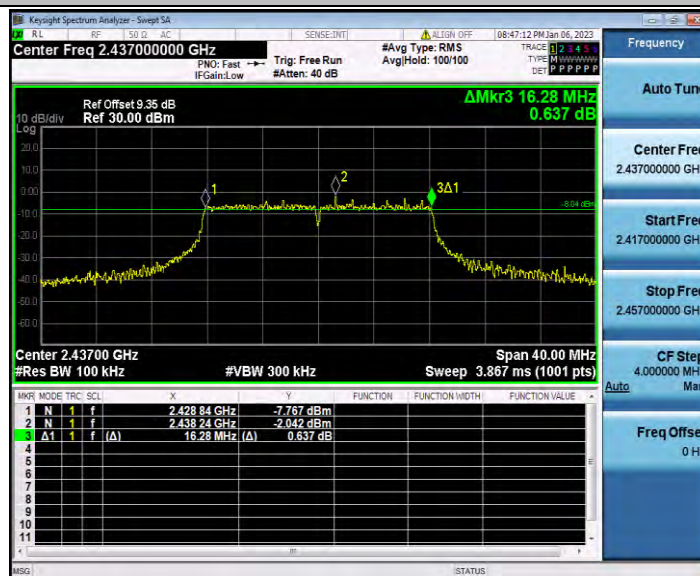
11B_Ant1_2462



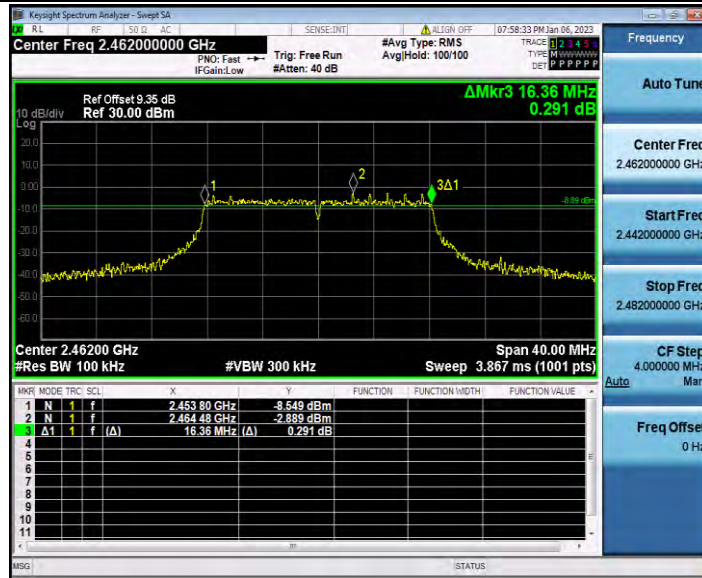
11G_Ant1_2412



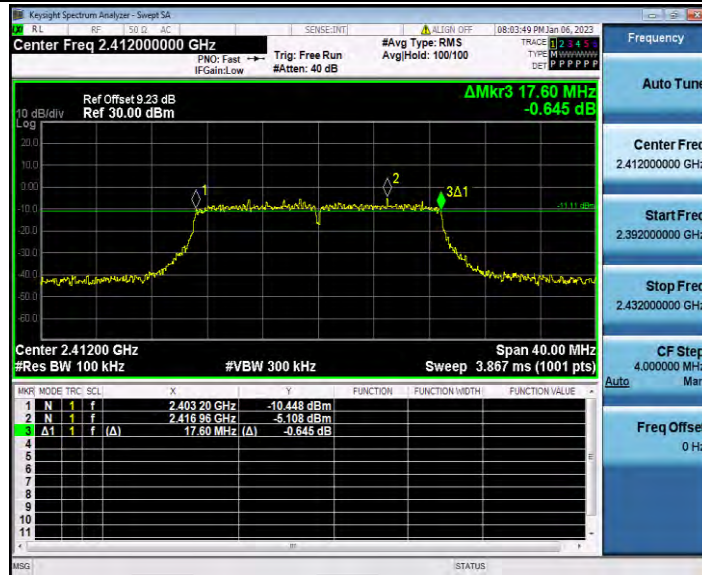
11G_Ant1_2437



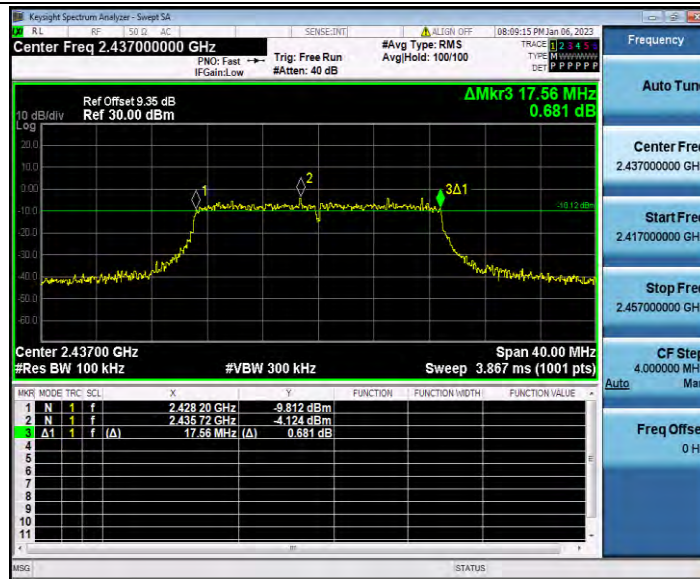
11G_Ant1_2462



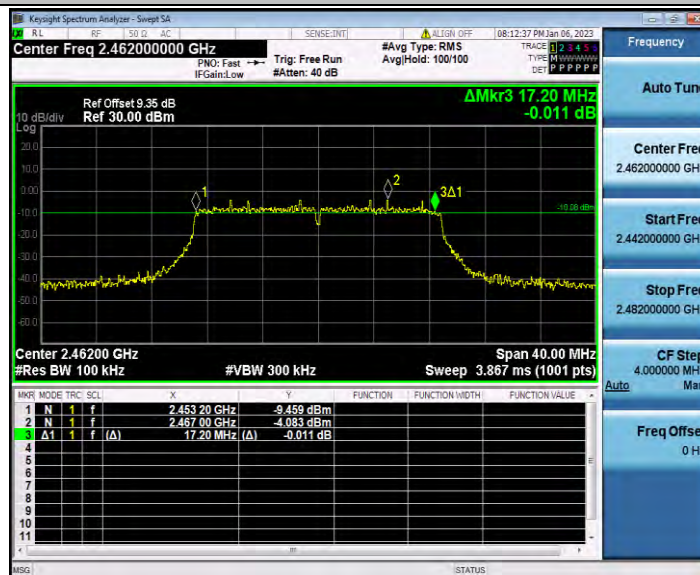
11N20SISO_Ant1_2412



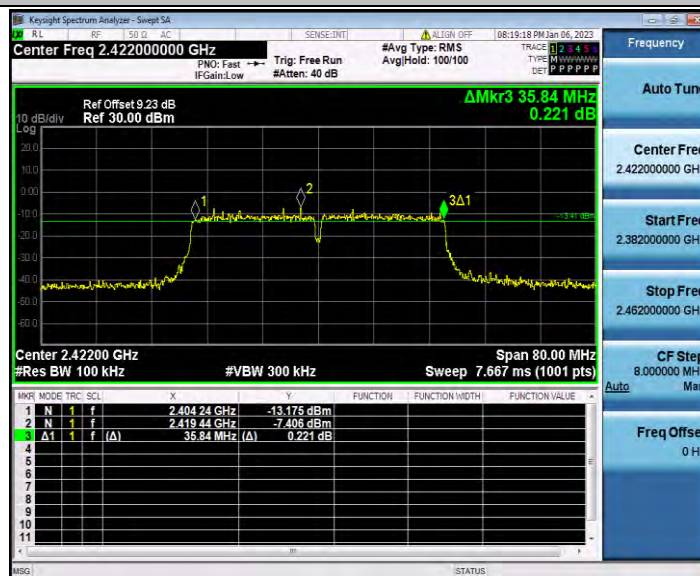
11N20SISO_Ant1_2437



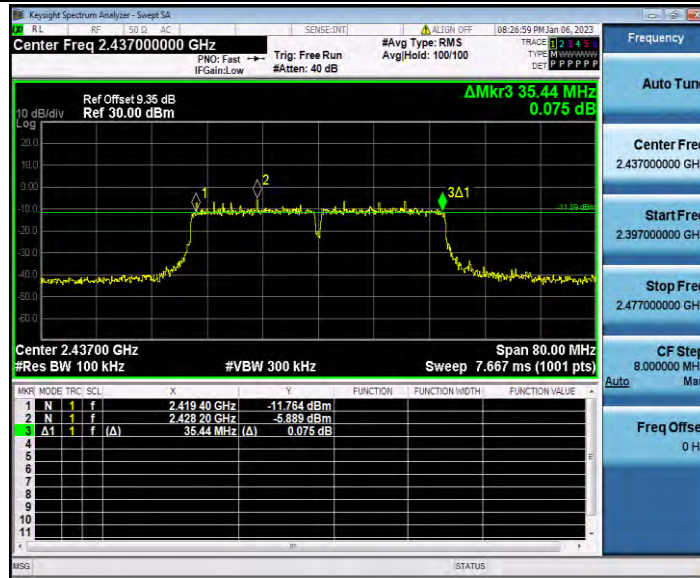
11N20SISO_Ant1_2462



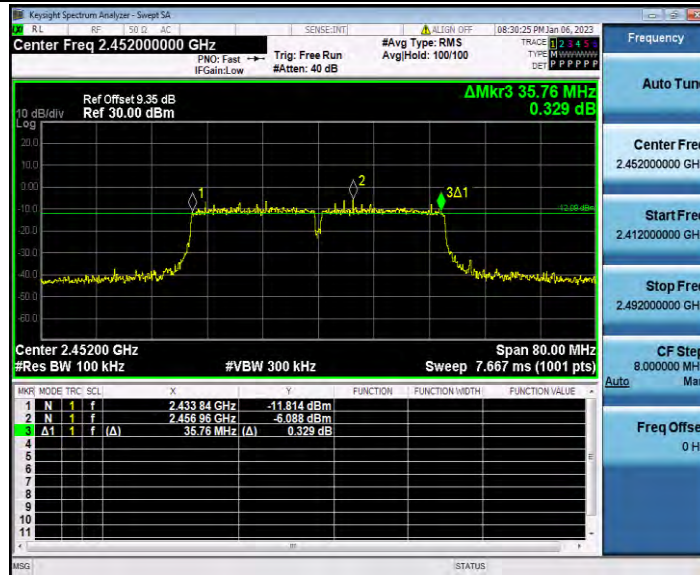
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



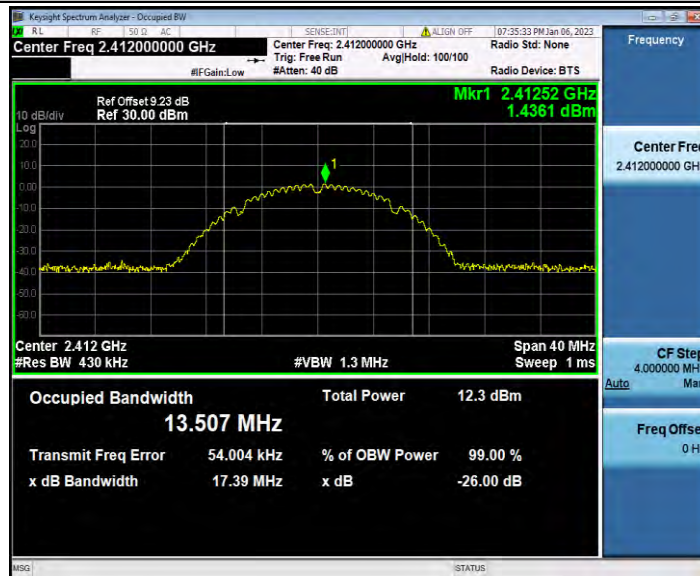
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.507	2405.301	2418.808	---	---
		2437	13.526	2430.235	2443.761	---	---
		2462	13.497	2455.133	2468.630	---	---
11G	Ant1	2412	17.109	2403.473	2420.582	---	---
		2437	17.074	2428.459	2445.533	---	---
		2462	17.204	2453.364	2470.568	---	---
11N20SISO	Ant1	2412	17.968	2403.032	2421.000	---	---
		2437	18.075	2427.977	2446.052	---	---
		2462	18.028	2452.962	2470.990	---	---
11N40SISO	Ant1	2422	36.503	2403.835	2440.338	---	---
		2437	36.530	2418.825	2455.355	---	---
		2452	36.461	2433.792	2470.253	---	---

Test Graphs

11B_Ant1_2412



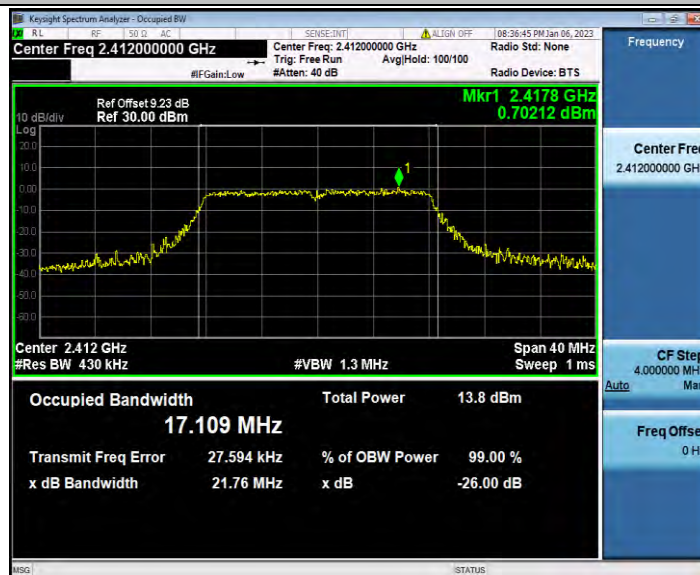
11B_Ant1_2437



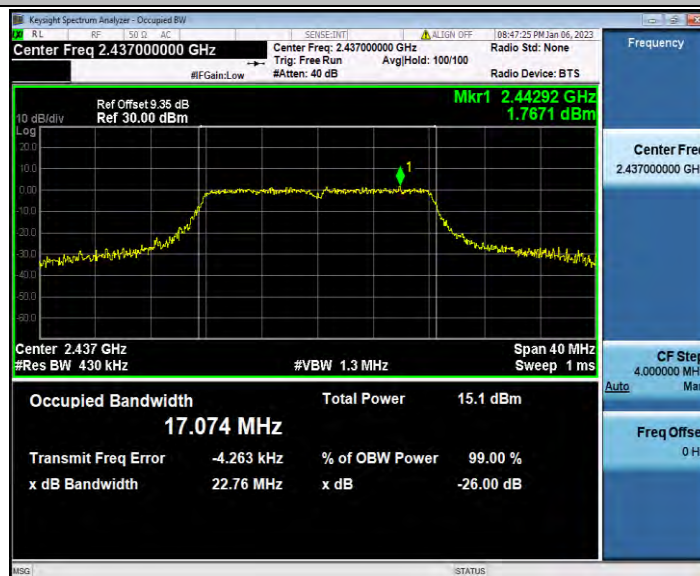
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



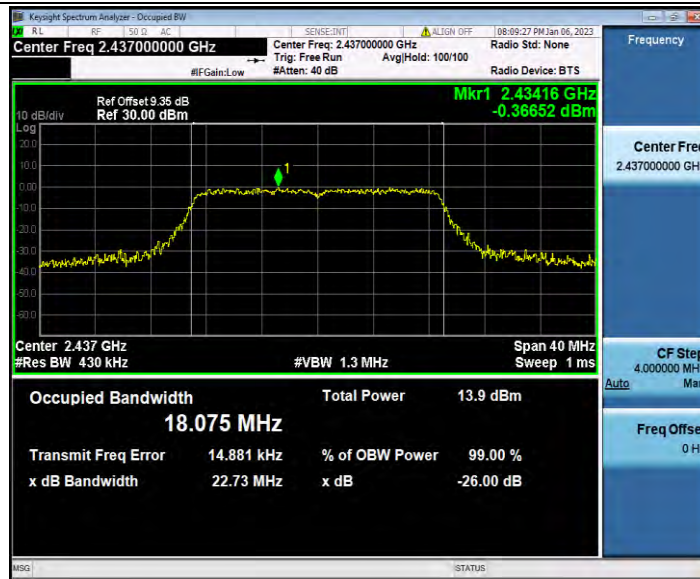
11G_Ant1_2462



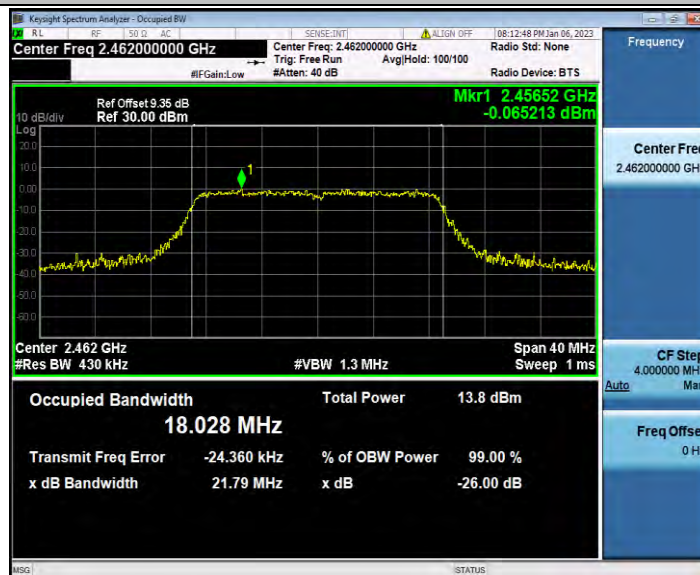
11N20SISO_Ant1_2412



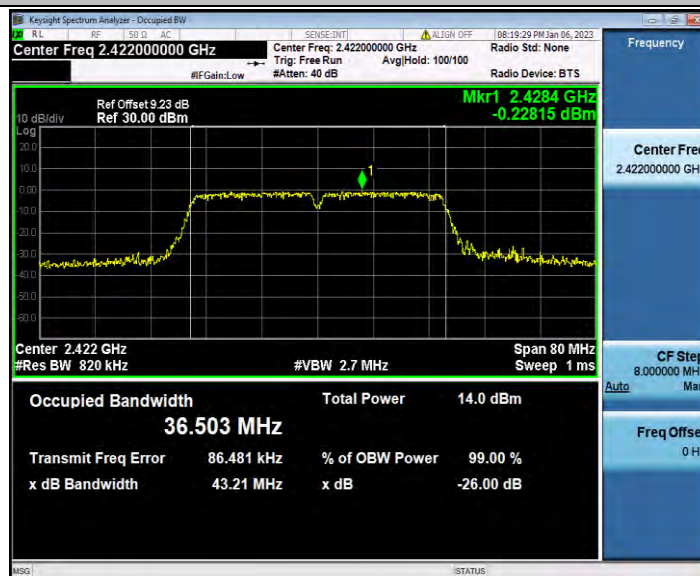
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



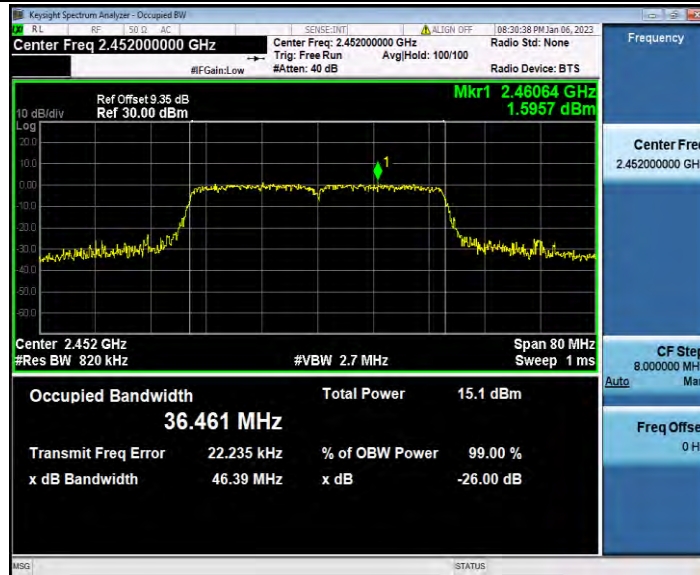
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[M Hz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	8.33	≤30.00	PASS
		2437	8.27	≤30.00	PASS
		2462	8.20	≤30.00	PASS
11G	Ant1	2412	8.42	≤30.00	PASS
		2437	8.24	≤30.00	PASS
		2462	8.15	≤30.00	PASS
11N20SISO	Ant1	2412	8.39	≤30.00	PASS
		2437	8.41	≤30.00	PASS
		2462	8.04	≤30.00	PASS
11N40SISO	Ant1	2422	8.23	≤30.00	PASS
		2437	8.17	≤30.00	PASS
		2452	8.21	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

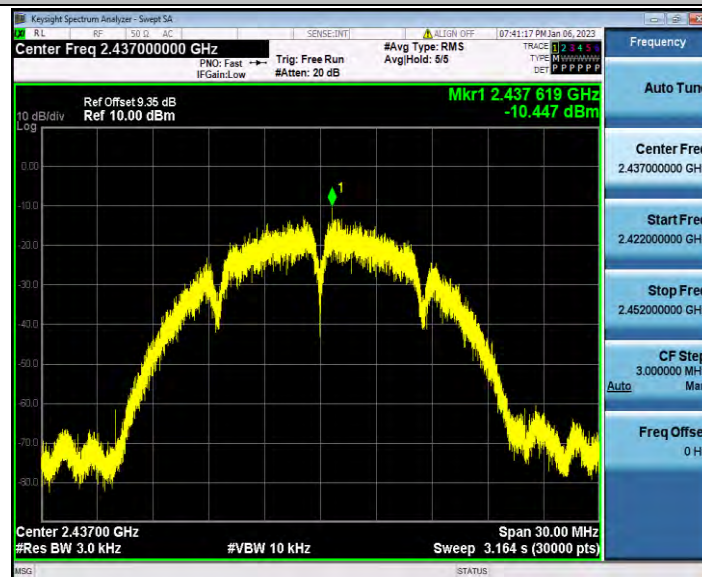
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.68	≤8.00	PASS
		2437	-10.45	≤8.00	PASS
		2462	-12.98	≤8.00	PASS
11G	Ant1	2412	-17.13	≤8.00	PASS
		2437	-15.66	≤8.00	PASS
		2462	-14.84	≤8.00	PASS
11N20SISO	Ant1	2412	-18.44	≤8.00	PASS
		2437	-16.29	≤8.00	PASS
		2462	-16.51	≤8.00	PASS
11N40SISO	Ant1	2422	-20.64	≤8.00	PASS
		2437	-18.87	≤8.00	PASS
		2452	-19.65	≤8.00	PASS

Test Graphs

11B_Ant1_2412



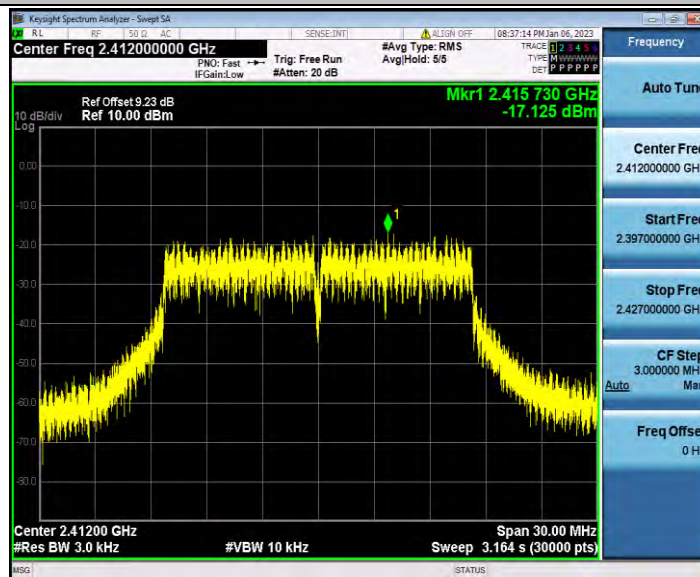
11B_Ant1_2437



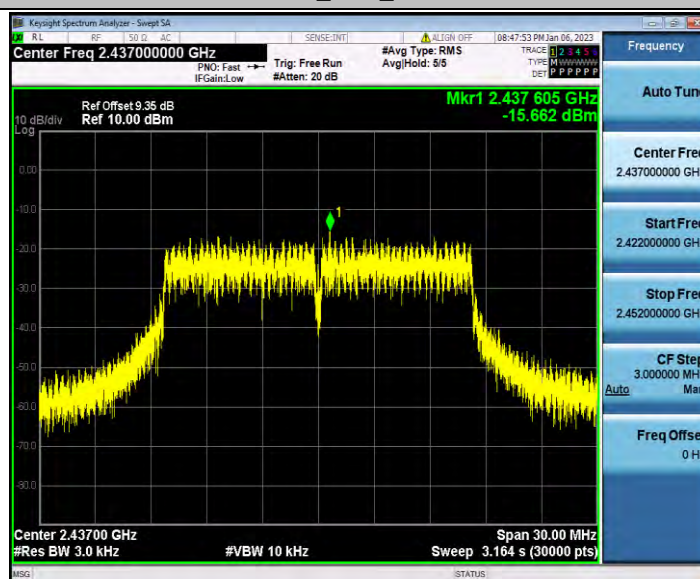
11B_Ant1_2462



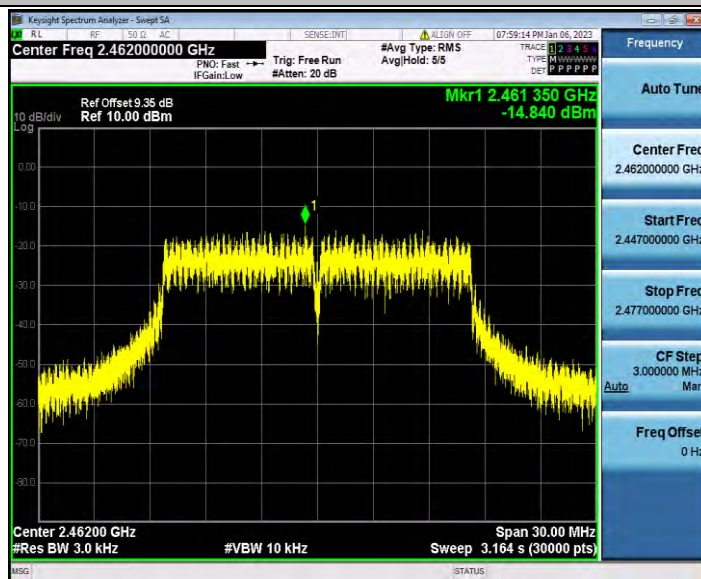
11G_Ant1_2412



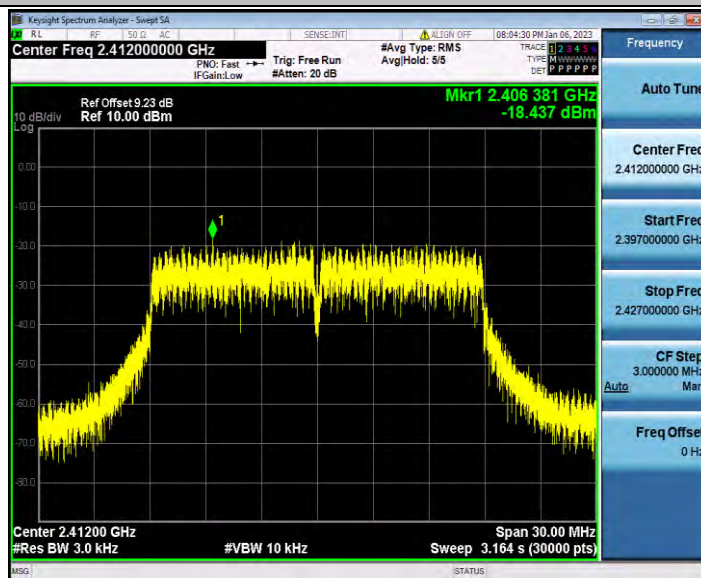
11G_Ant1_2437



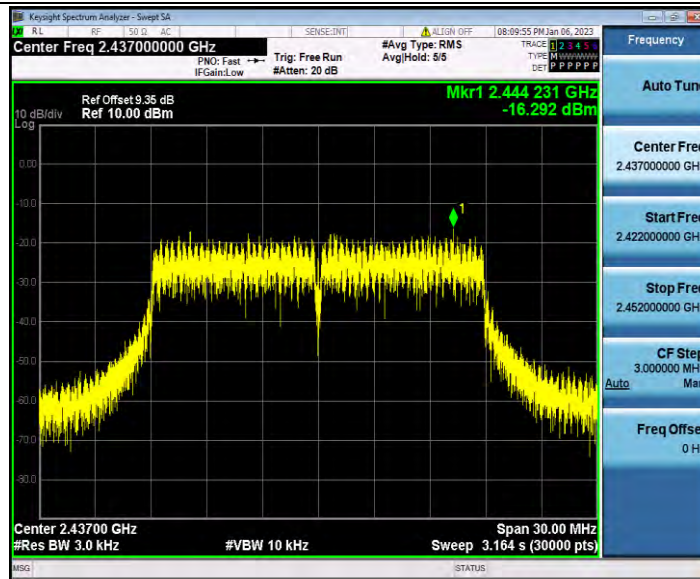
11G_Ant1_2462



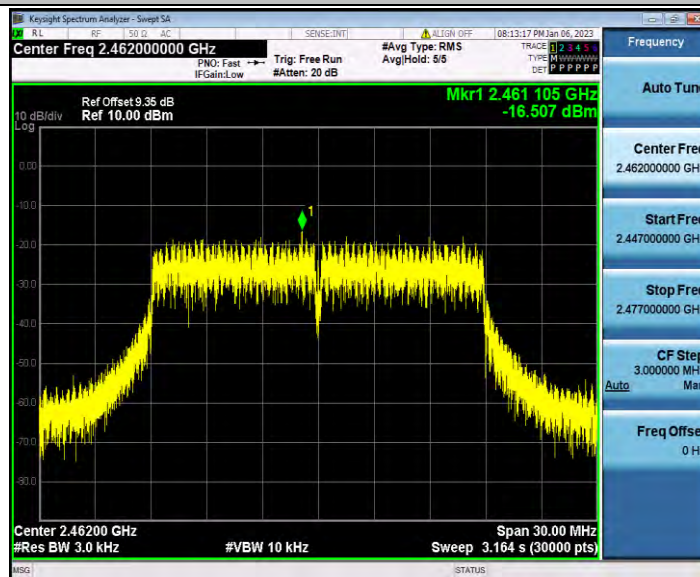
11N20SISO_Ant1_2412



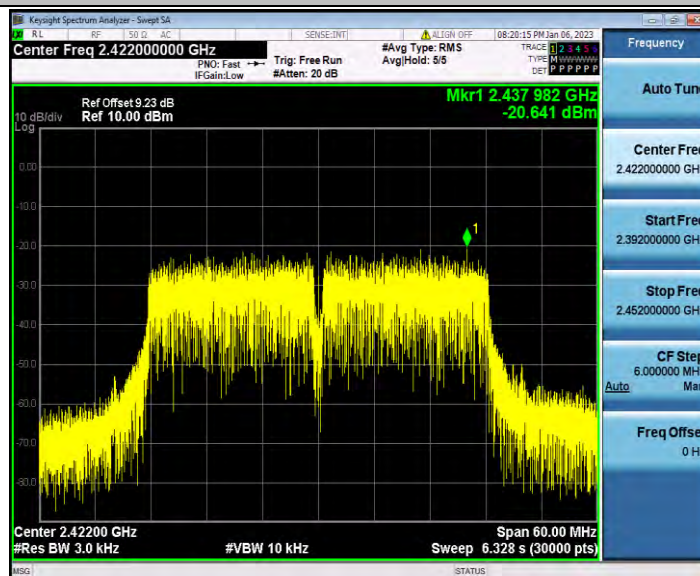
11N20SISO_Ant1_2437



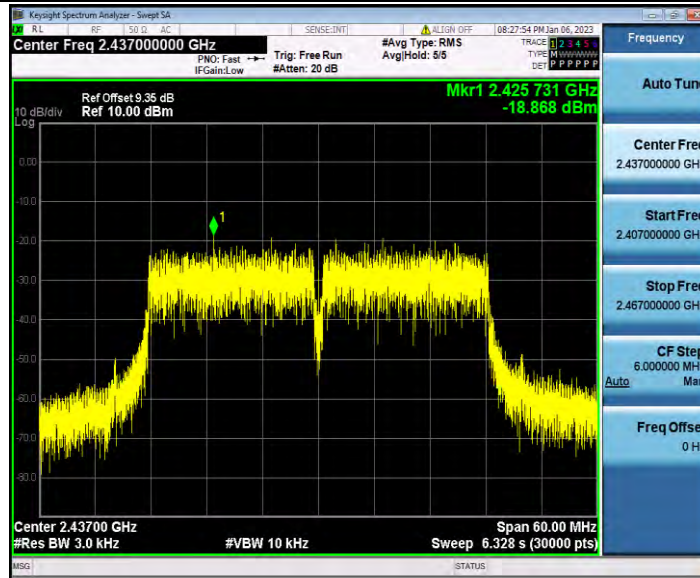
11N20SISO_Ant1_2462



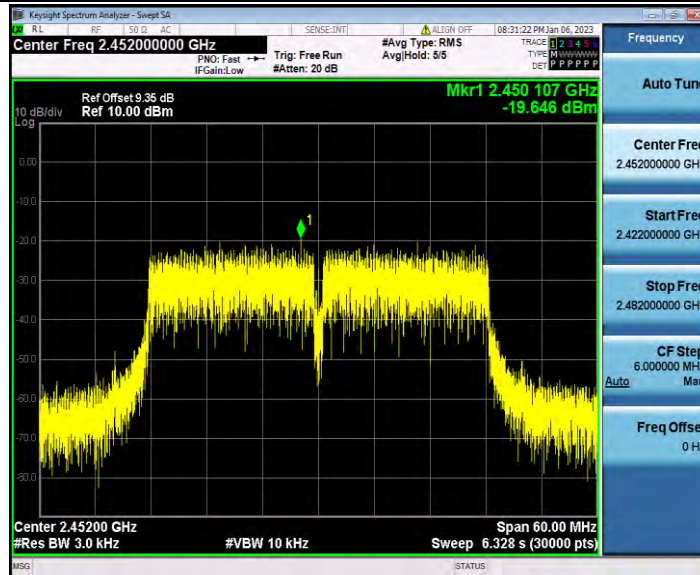
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



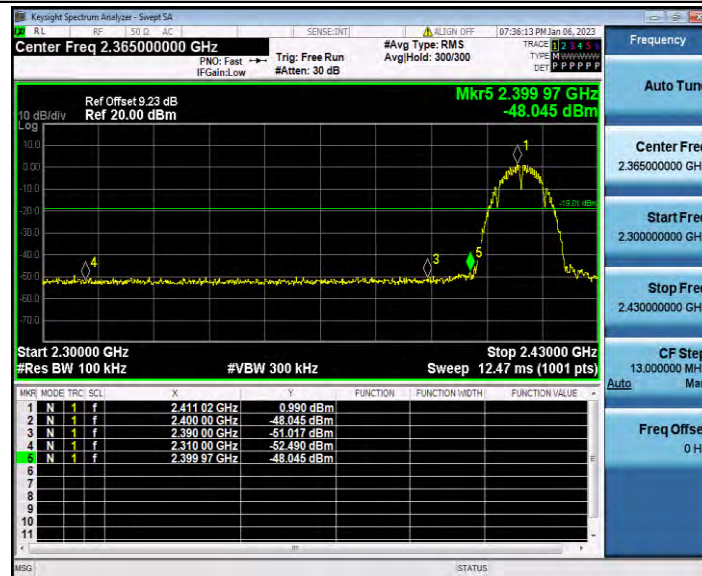
Appendix C.5: Band edge measurements

Test Result

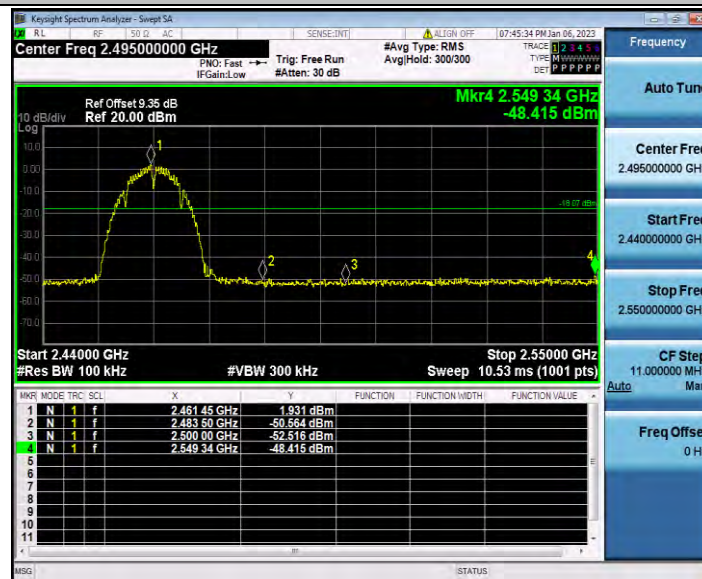
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.99	-48.05	≤-19.01	PASS
		High	2462	1.93	-48.42	≤-18.07	PASS
11G	Ant1	Low	2412	-3.01	-33.54	≤-23.01	PASS
		High	2462	-1.76	-42.72	≤-21.76	PASS
11N20SISO	Ant1	Low	2412	-3.56	-38.77	≤-23.56	PASS
		High	2462	-2.51	-44.7	≤-22.51	PASS
11N40SISO	Ant1	Low	2422	-6.62	-40.33	≤-26.62	PASS
		High	2452	-5.50	-39.37	≤-25.5	PASS

Test Graphs

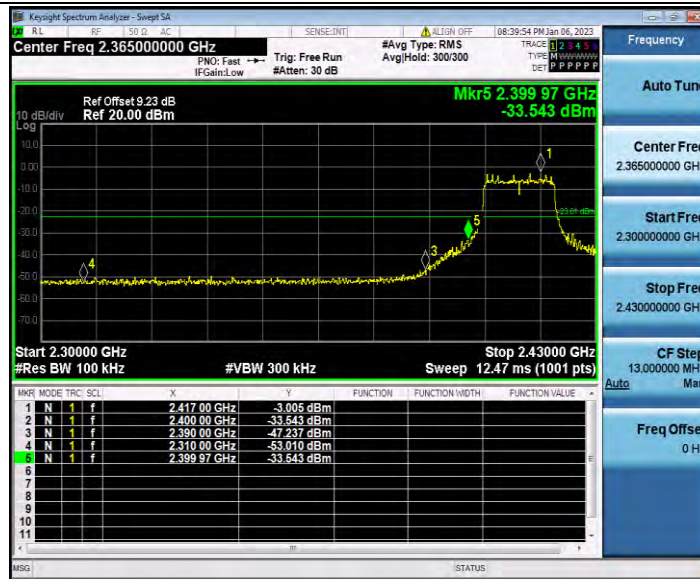
11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



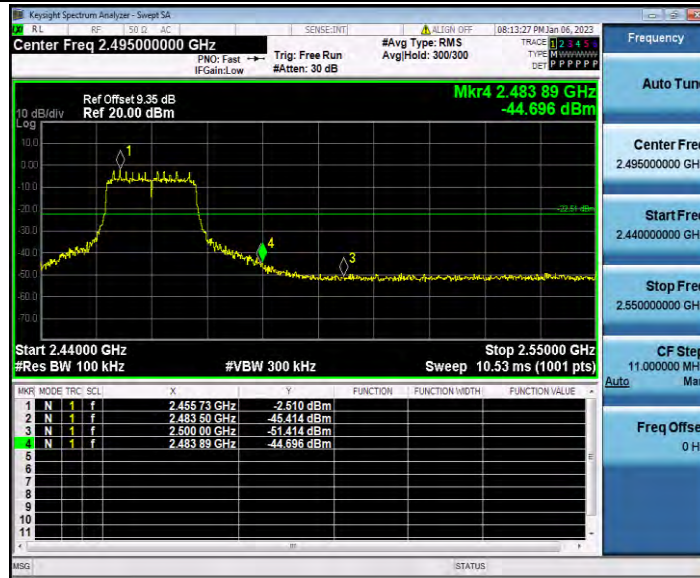
11G_Ant1_High_2462



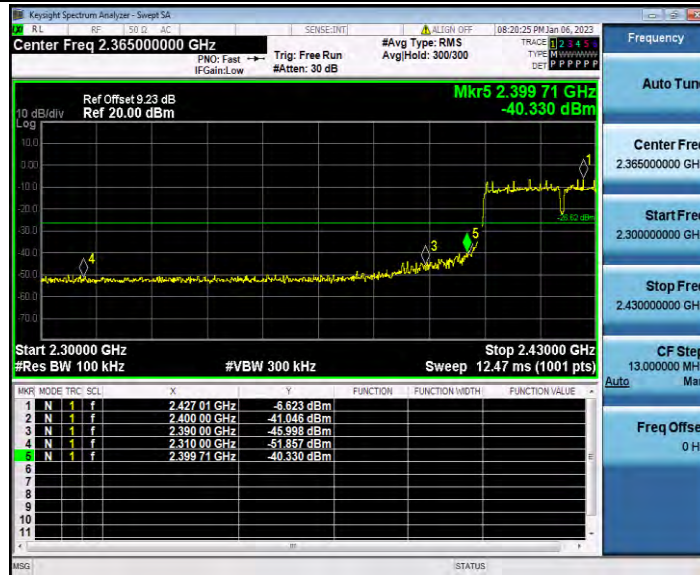
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

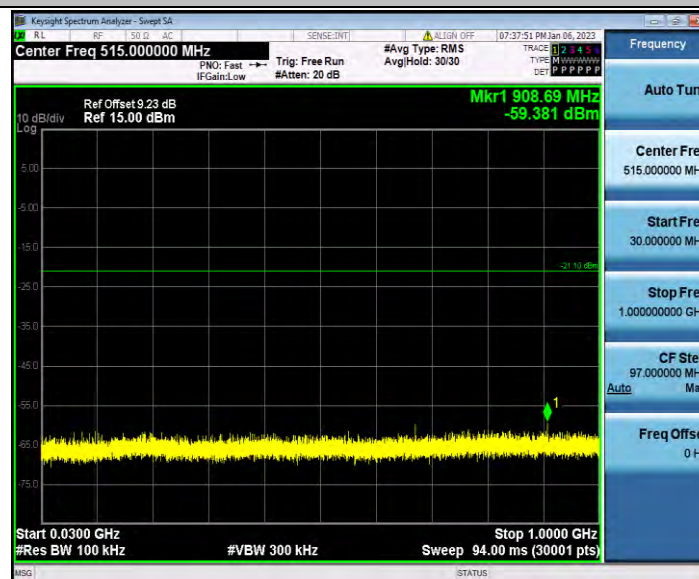
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.10	-1.10	---	PASS
			30~1000	-1.10	-59.38	≤ -21.1	PASS
			1000~26500	-1.10	-47.42	≤ -21.1	PASS
		2437	Reference	0.26	0.26	---	PASS
			30~1000	0.26	-60.61	≤ -19.74	PASS
			1000~26500	0.26	-47.02	≤ -19.74	PASS
		2462	Reference	-0.20	-0.20	---	PASS
			30~1000	-0.20	-60.24	≤ -20.2	PASS
			1000~26500	-0.20	-47.59	≤ -20.2	PASS
11G	Ant1	2412	Reference	-5.99	-5.99	---	PASS
			30~1000	-5.99	-60.68	≤ -25.99	PASS
			1000~26500	-5.99	-47.53	≤ -25.99	PASS
		2437	Reference	-2.03	-2.03	---	PASS
			30~1000	-2.03	-60.48	≤ -22.03	PASS
			1000~26500	-2.03	-47.19	≤ -22.03	PASS
		2462	Reference	-5.27	-5.27	---	PASS
			30~1000	-5.27	-59.78	≤ -25.27	PASS
			1000~26500	-5.27	-47.88	≤ -25.27	PASS
11N20SISO	Ant1	2412	Reference	-7.71	-7.71	---	PASS
			30~1000	-7.71	-60.4	≤ -27.71	PASS
			1000~26500	-7.71	-47.22	≤ -27.71	PASS
		2437	Reference	-6.19	-6.19	---	PASS
			30~1000	-6.19	-60.24	≤ -26.19	PASS
			1000~26500	-6.19	-47.71	≤ -26.19	PASS
		2462	Reference	-6.05	-6.05	---	PASS
			30~1000	-6.05	-59.73	≤ -26.05	PASS
			1000~26500	-6.05	-48.05	≤ -26.05	PASS
11N40SISO	Ant1	2422	Reference	-7.57	-7.57	---	PASS
			30~1000	-7.57	-52.07	≤ -27.57	PASS
			1000~26500	-7.57	-47.61	≤ -27.57	PASS
		2437	Reference	-7.26	-7.26	---	PASS
			30~1000	-7.26	-55.19	≤ -27.26	PASS
			1000~26500	-7.26	-47.4	≤ -27.26	PASS
		2452	Reference	-6.83	-6.83	---	PASS
			30~1000	-6.83	-54.18	≤ -26.83	PASS
			1000~26500	-6.83	-47.58	≤ -26.83	PASS

Test Graphs

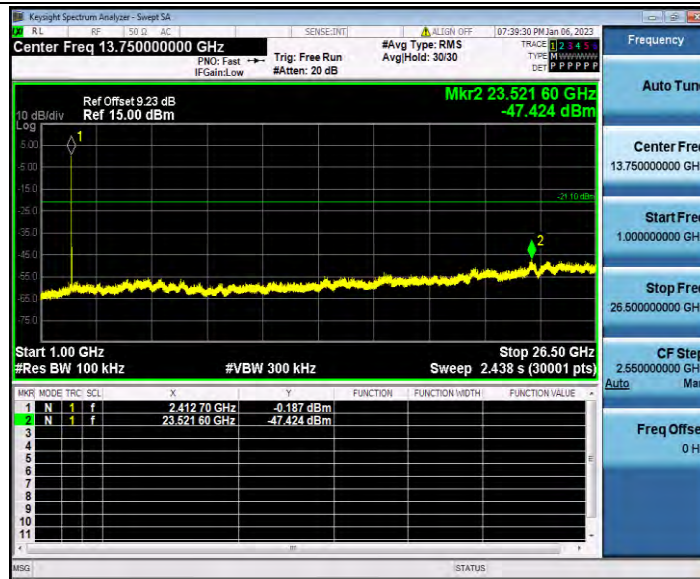
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



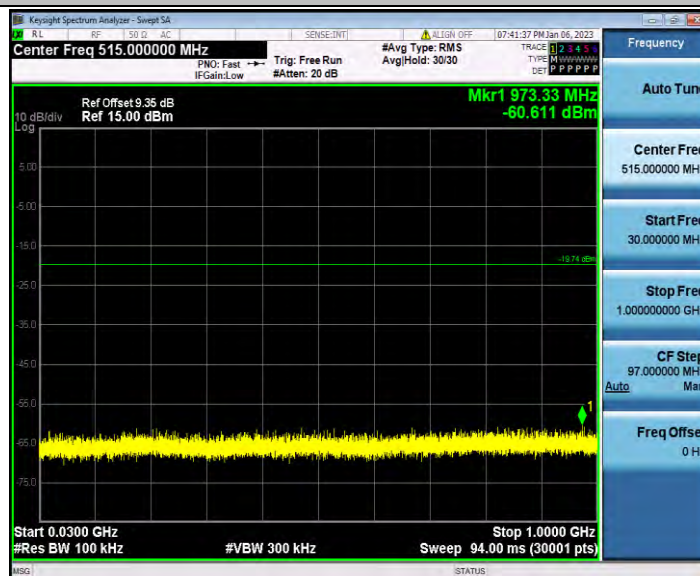
11B_Ant1_2412_1000~26500



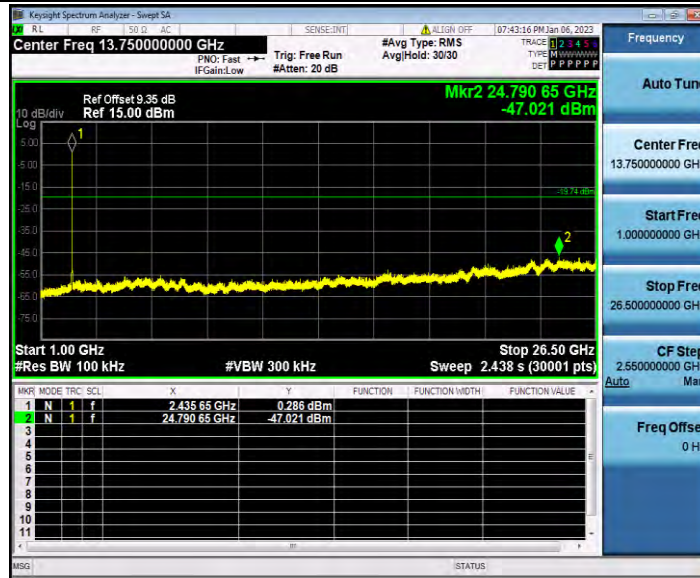
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



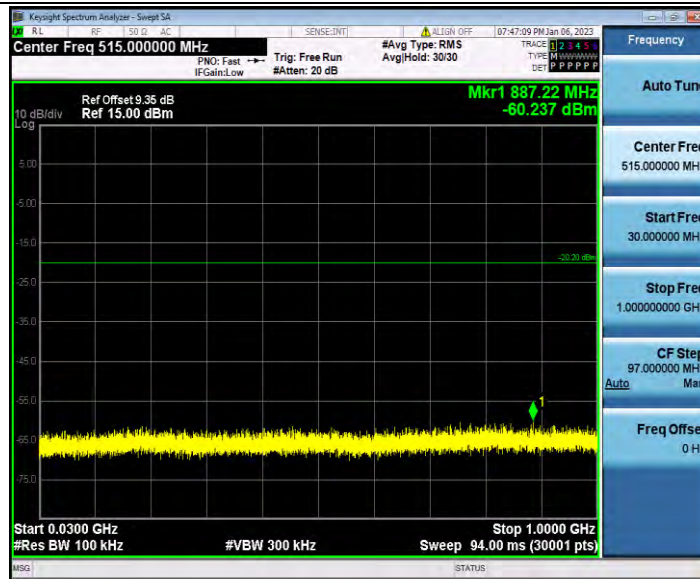
11B_Ant1_2437_1000~26500



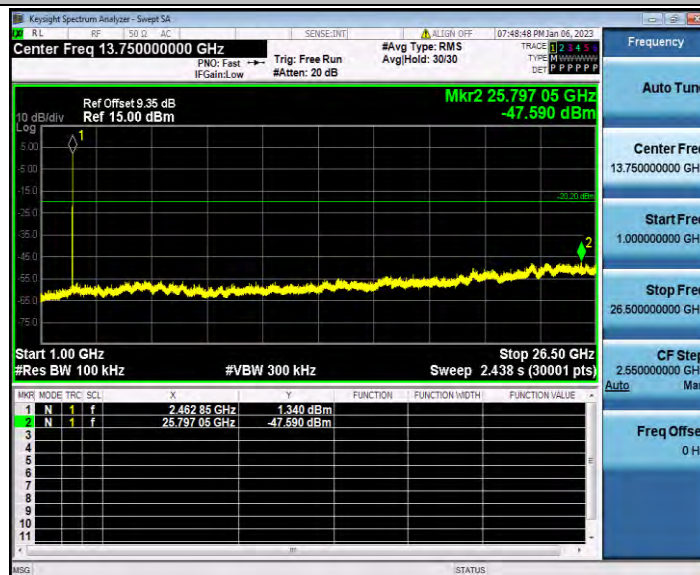
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



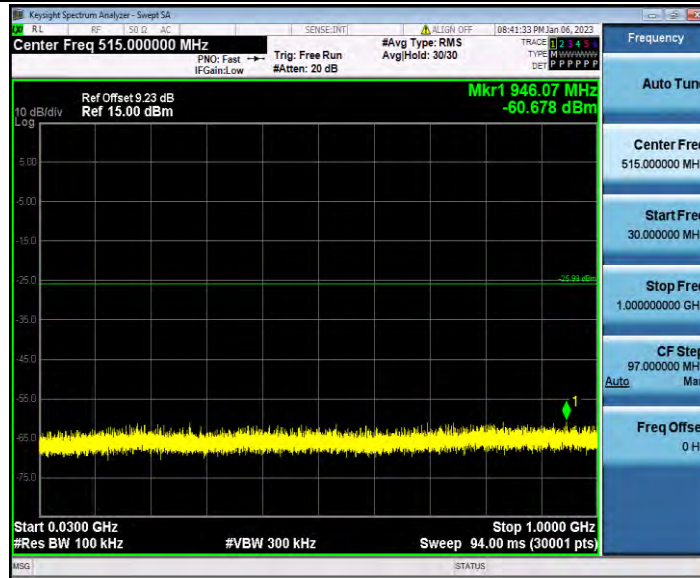
11B_Ant1_2462_1000~26500



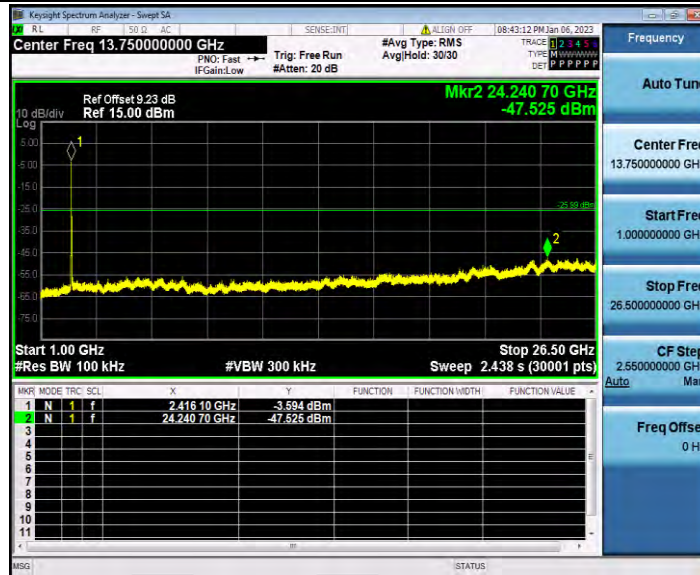
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



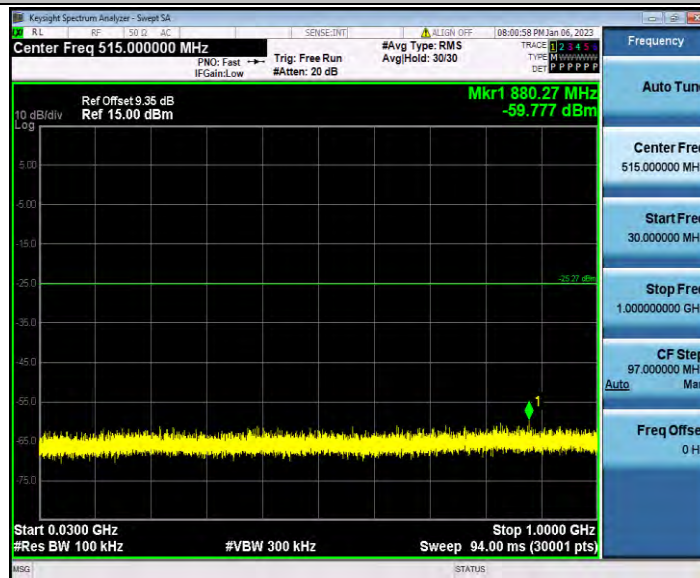
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



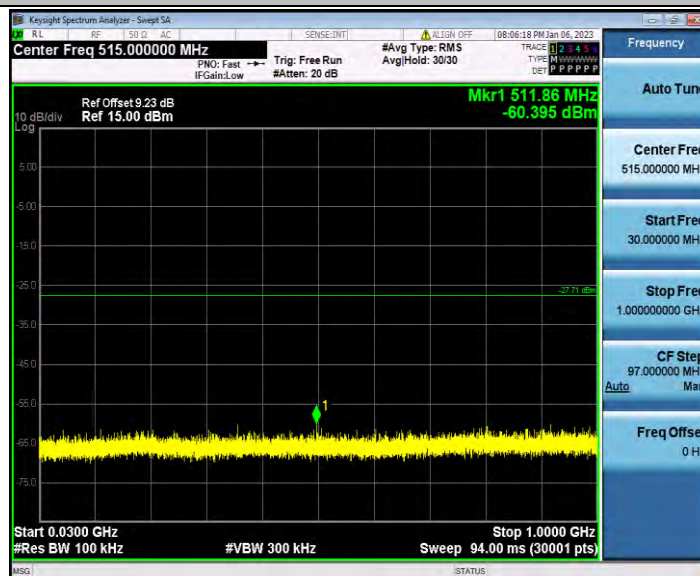
11G_Ant1_2462_1000~26500



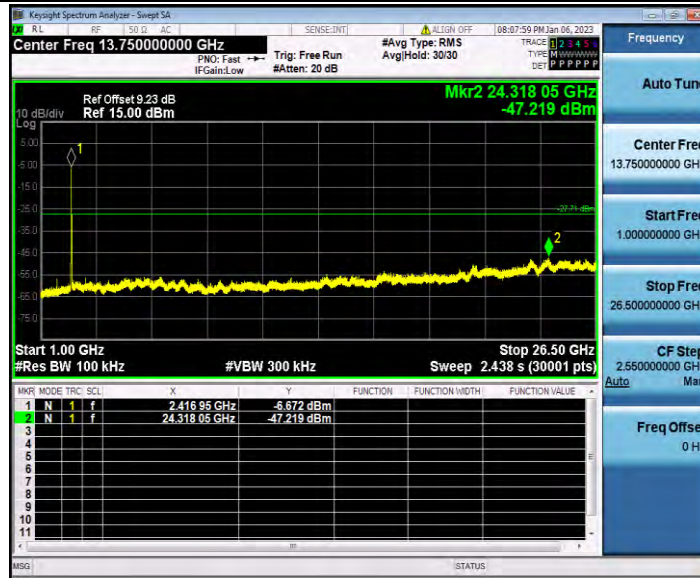
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



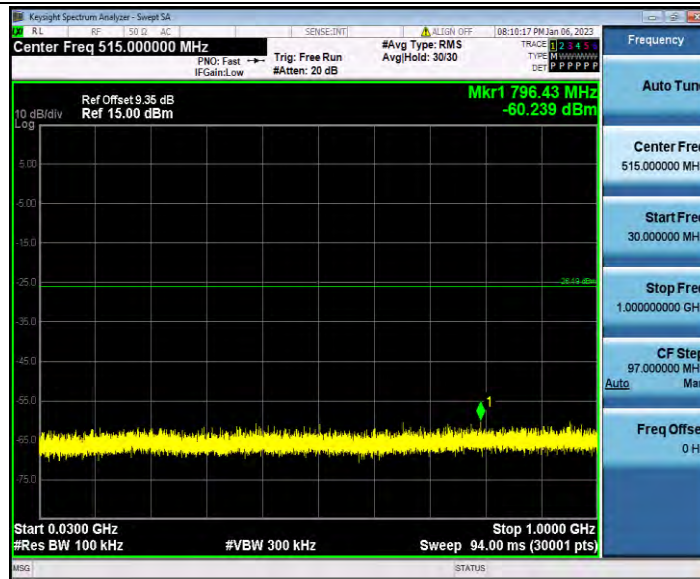
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



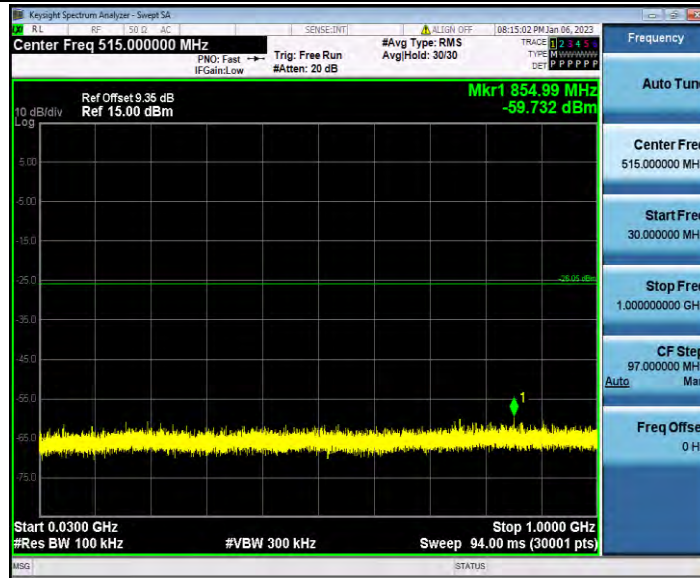
11N20SISO_Ant1_2437_1000~26500



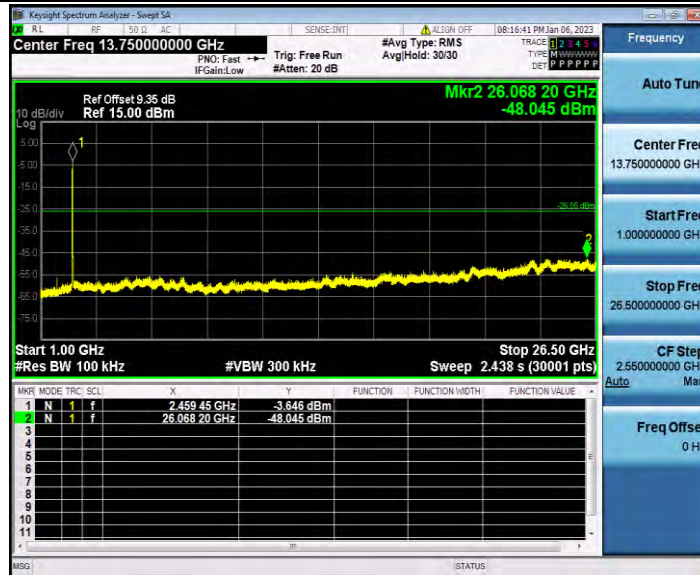
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



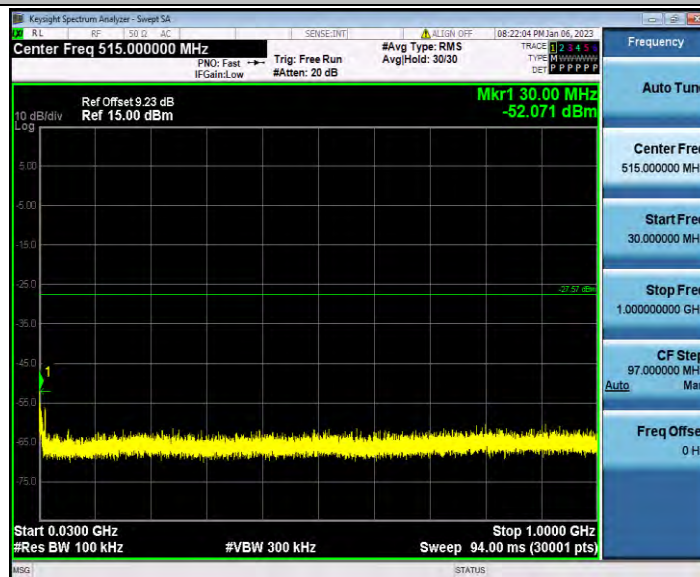
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



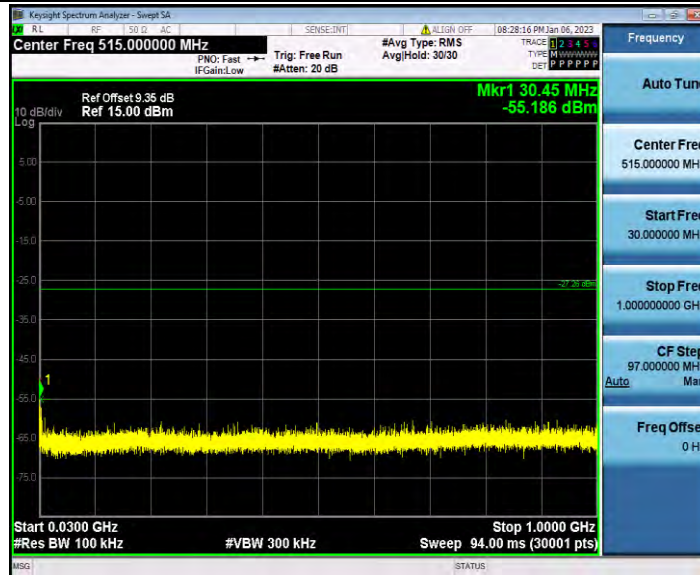
11N40SISO_Ant1_2422_1000~26500



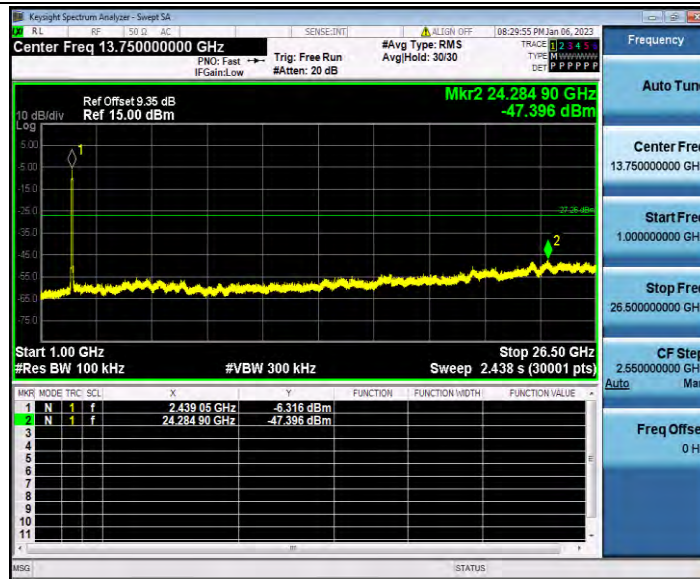
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



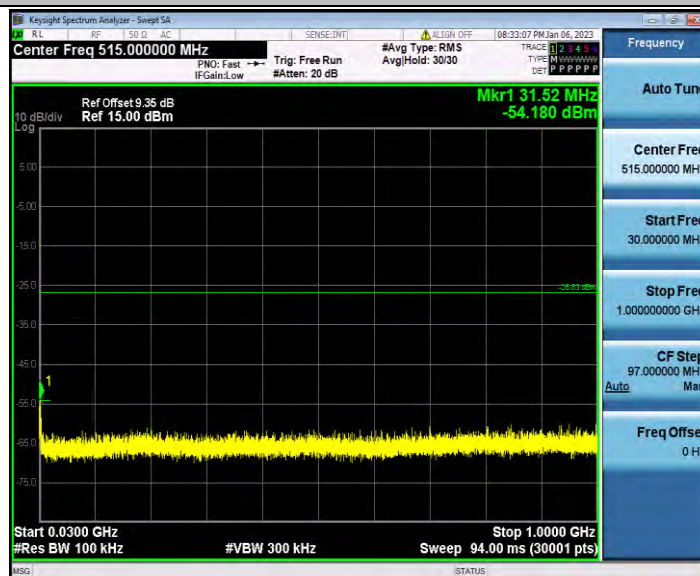
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

