

Case No. : <u>GTS20220510015-1-3</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH,	
Test Date: <u>2022.5.26</u>	Test Engineer: <u>Jenny Zeng</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	10.040	2407.000	2417.040	0.5	PASS
		2437	9.120	2432.440	2441.560	0.5	PASS
		2462	9.120	2457.440	2466.560	0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	0.5	PASS
		2437	16.360	2428.800	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.120	2420.920	0.5	PASS
		2437	17.760	2428.120	2445.880	0.5	PASS
		2462	17.760	2453.080	2470.840	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



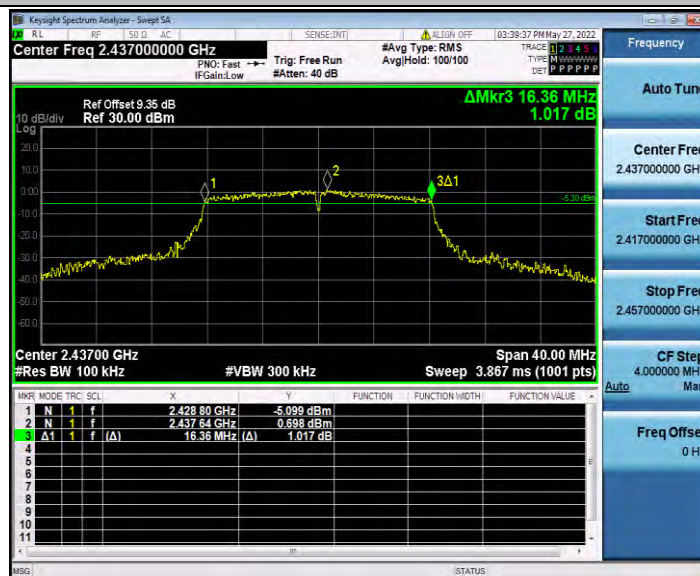
11B_Ant1_2462



11G_Ant1_2412



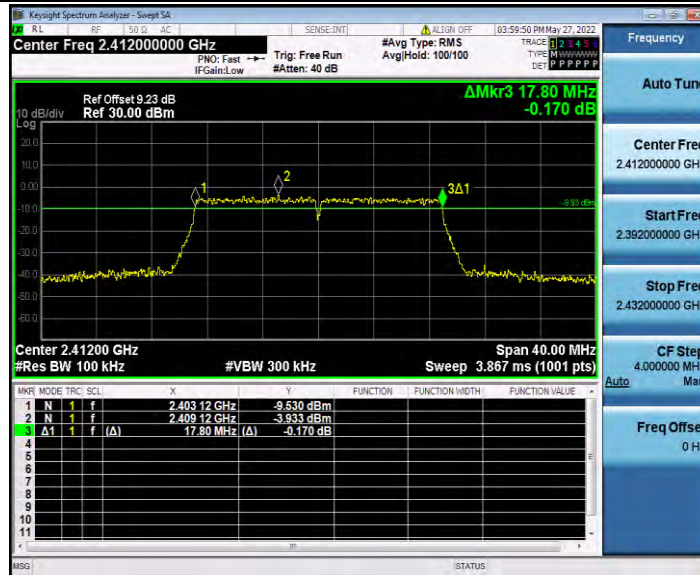
11G_Ant1_2437



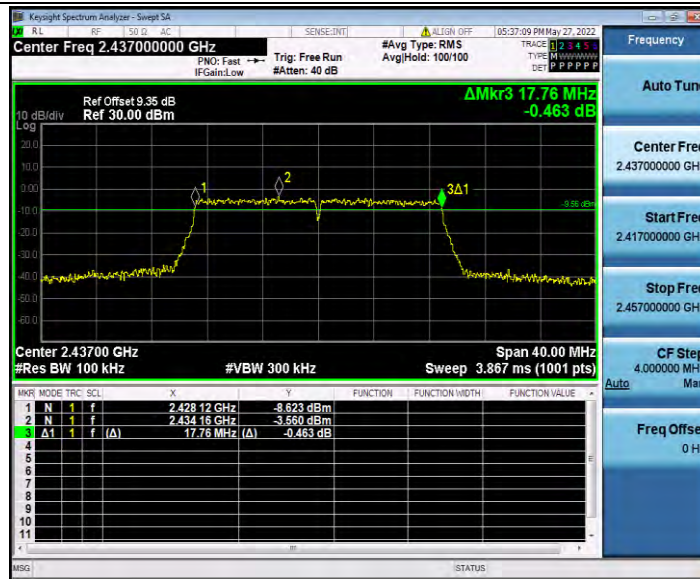
11G_Ant1_2462



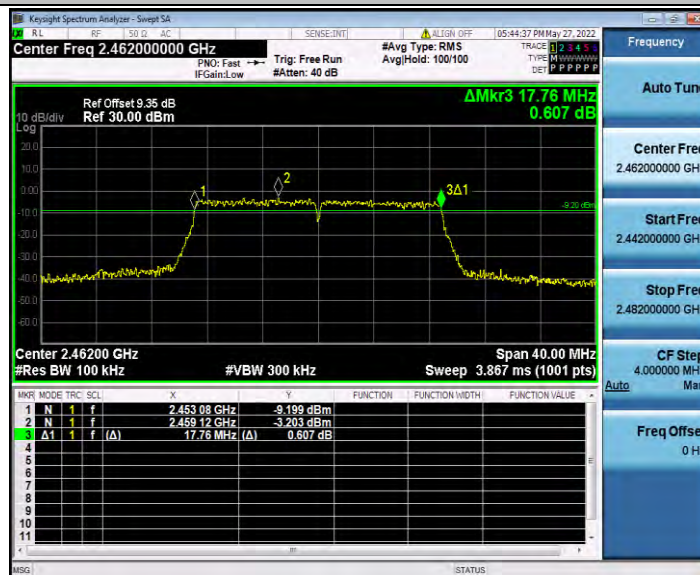
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



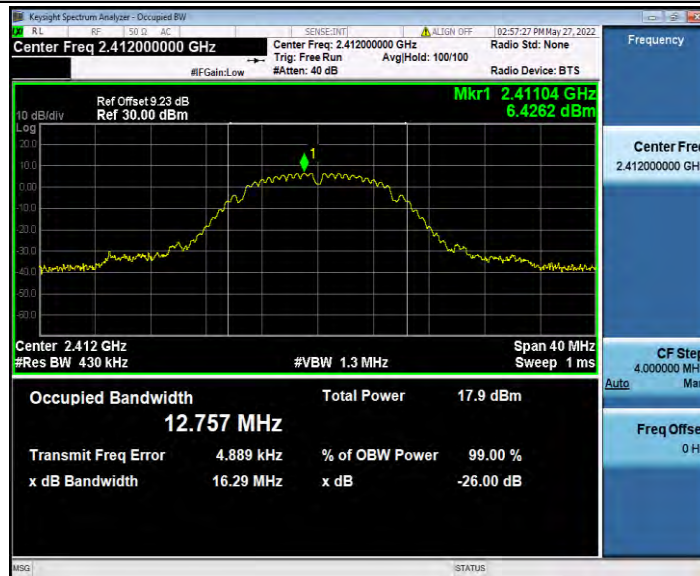
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.757	2405.626	2418.383	---	---
		2437	12.761	2430.589	2443.350	---	---
		2462	12.780	2455.557	2468.337	---	---
11G	Ant1	2412	16.831	2403.574	2420.405	---	---
		2437	17.007	2428.440	2445.447	---	---
		2462	16.956	2453.444	2470.400	---	---
11N20SISO	Ant1	2412	17.949	2403.034	2420.983	---	---
		2437	17.945	2428.018	2445.963	---	---
		2462	17.953	2452.992	2470.945	---	---

Test Graphs

11B_Ant1_2412



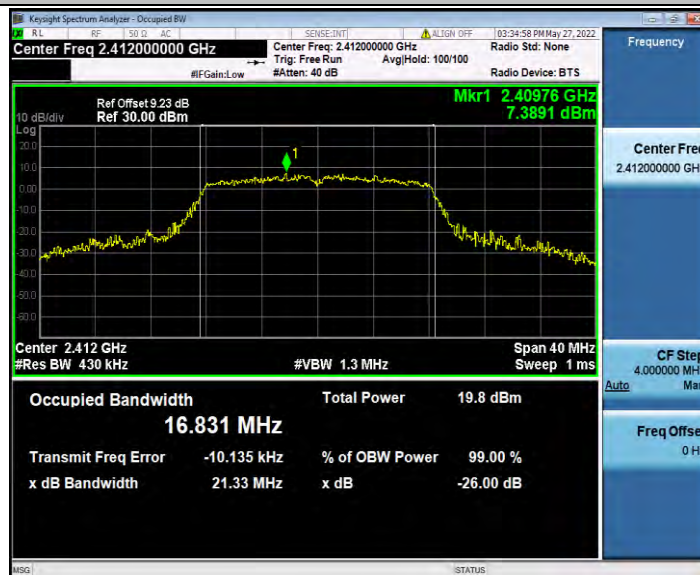
11B_Ant1_2437



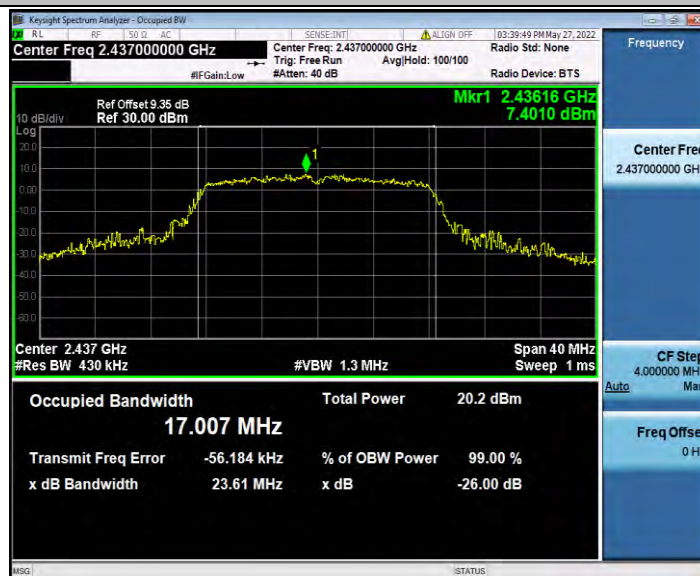
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



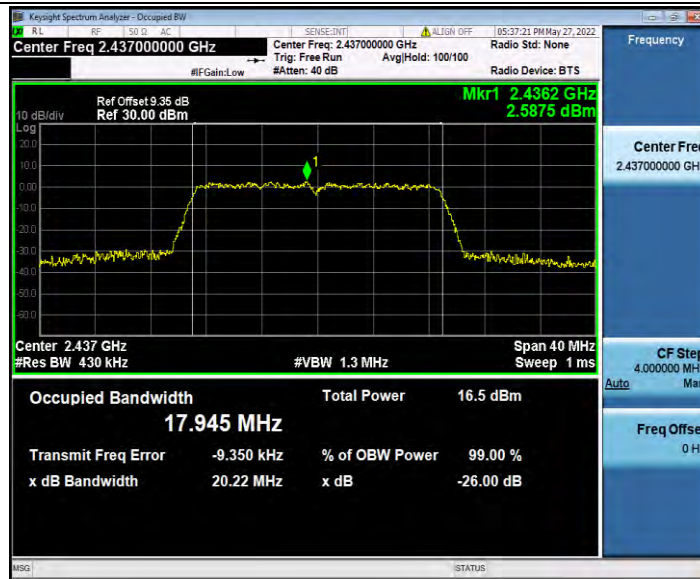
11G_Ant1_2462



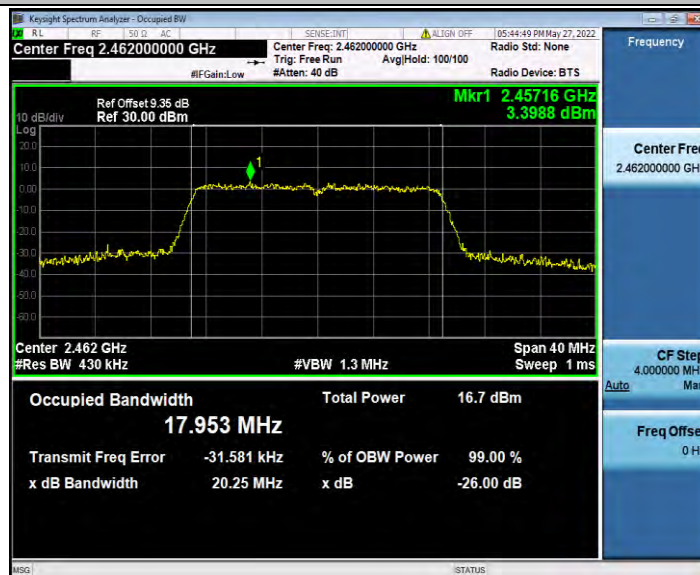
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.87	≤8.00	PASS
		2437	-13.83	≤8.00	PASS
		2462	-13.61	≤8.00	PASS
11G	Ant1	2412	-13.08	≤8.00	PASS
		2437	-12.78	≤8.00	PASS
		2462	-12.78	≤8.00	PASS
11N20SISO	Ant1	2412	-17.21	≤8.00	PASS
		2437	-17.25	≤8.00	PASS
		2462	-16.87	≤8.00	PASS

Test Graphs

11B_Ant1_2412



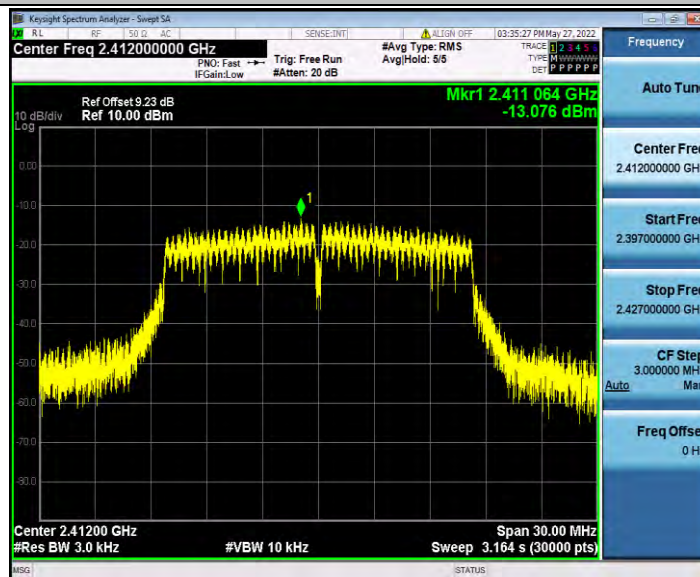
11B_Ant1_2437



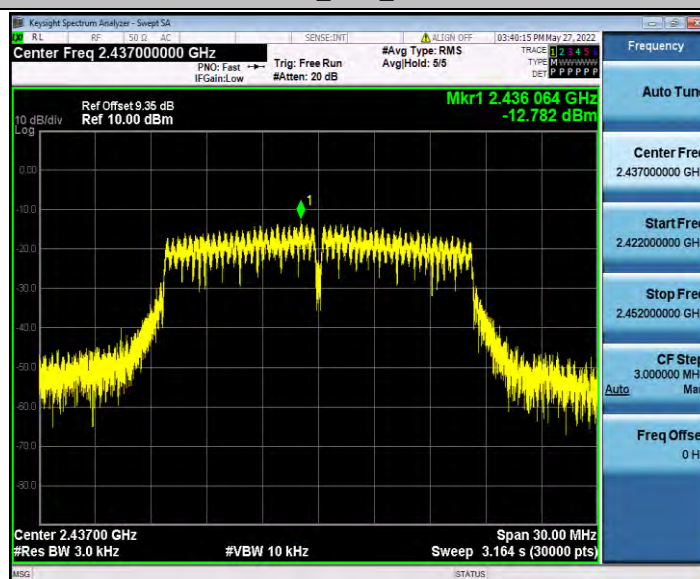
11B_Ant1_2462



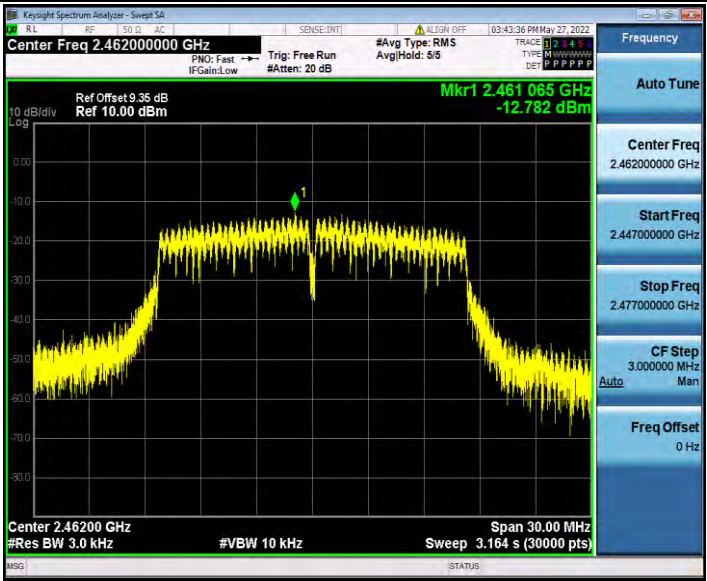
11G_Ant1_2412



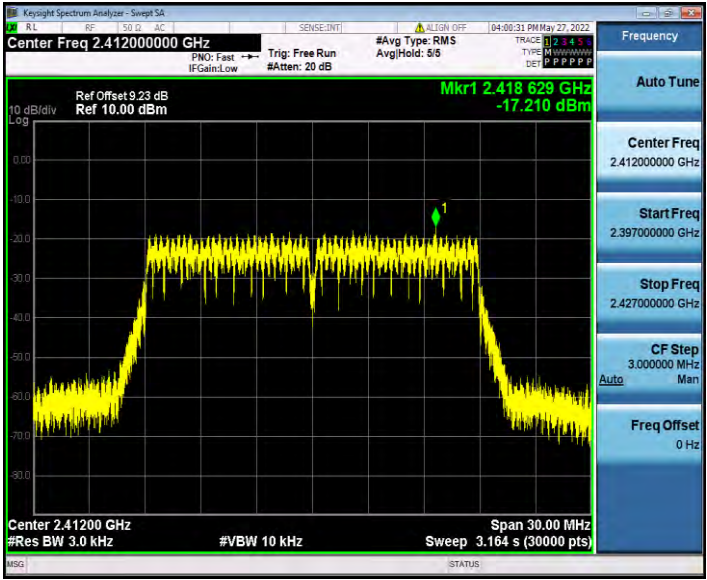
11G_Ant1_2437



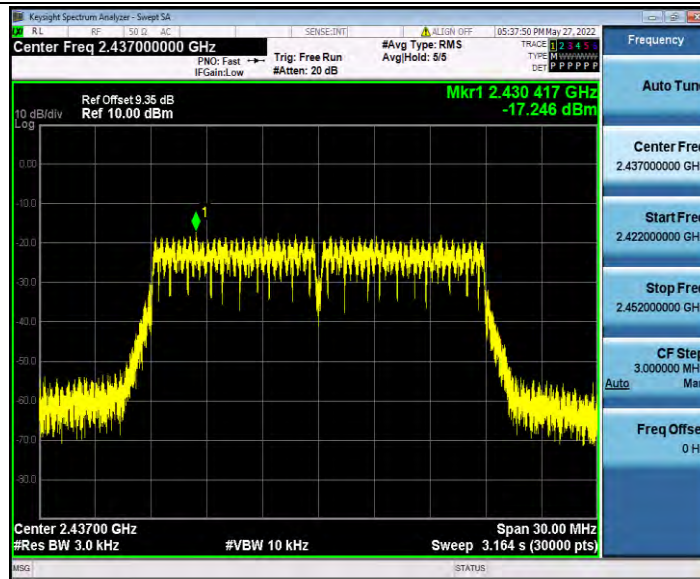
11G_Ant1_2462



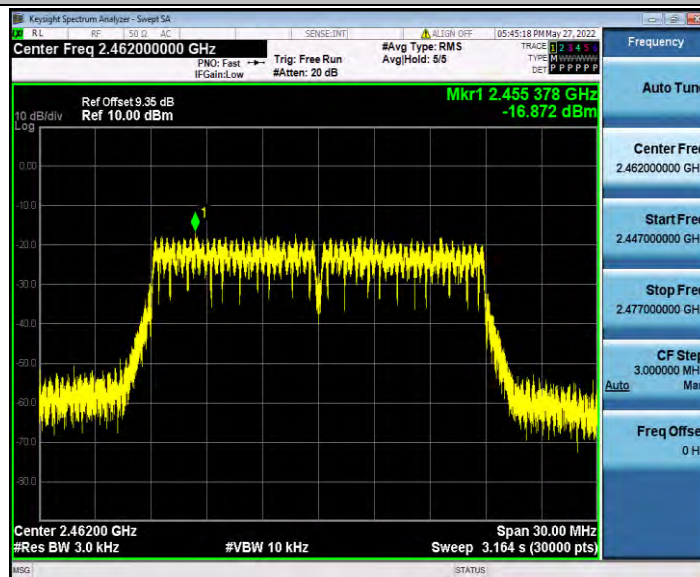
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



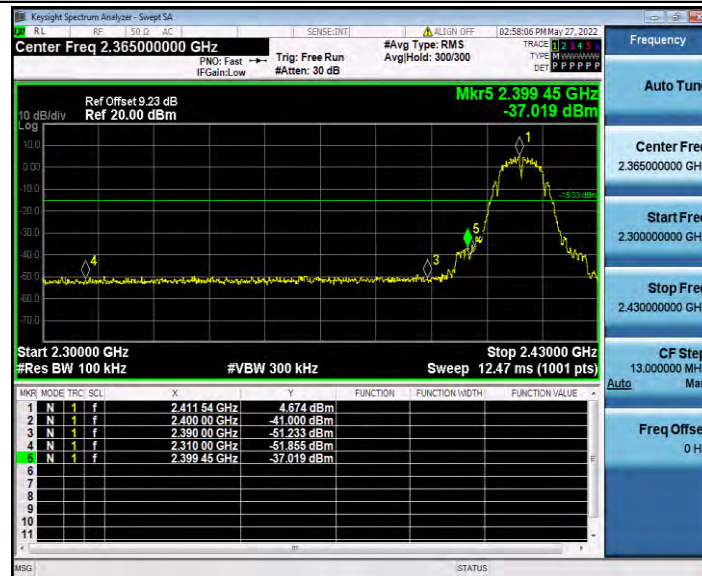
Appendix C.4: Band edge measurements

Test Result

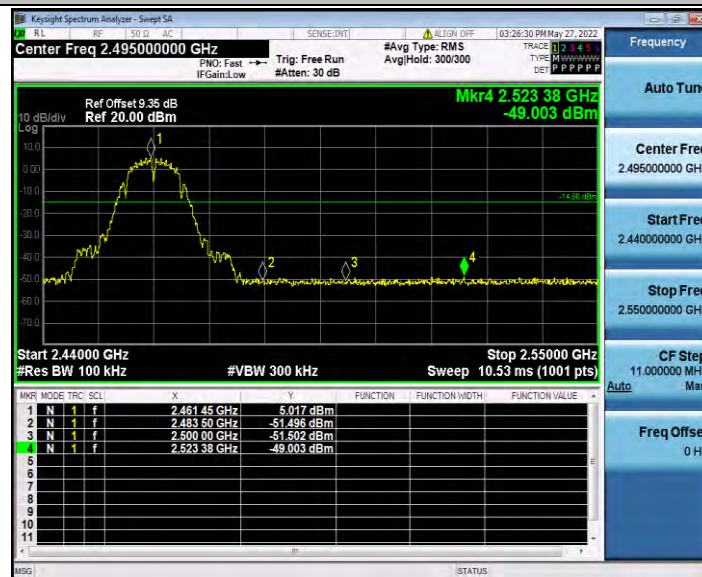
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.67	-37.02	≤-15.33	PASS
		High	2462	5.02	-49	≤-14.98	PASS
11G	Ant1	Low	2412	0.52	-28.97	≤-19.48	PASS
		High	2462	-3.62	-47.41	≤-23.62	PASS
11N20SISO	Ant1	Low	2412	-4.06	-37.34	≤-24.06	PASS
		High	2462	-2.83	-46.72	≤-22.83	PASS

Test Graphs

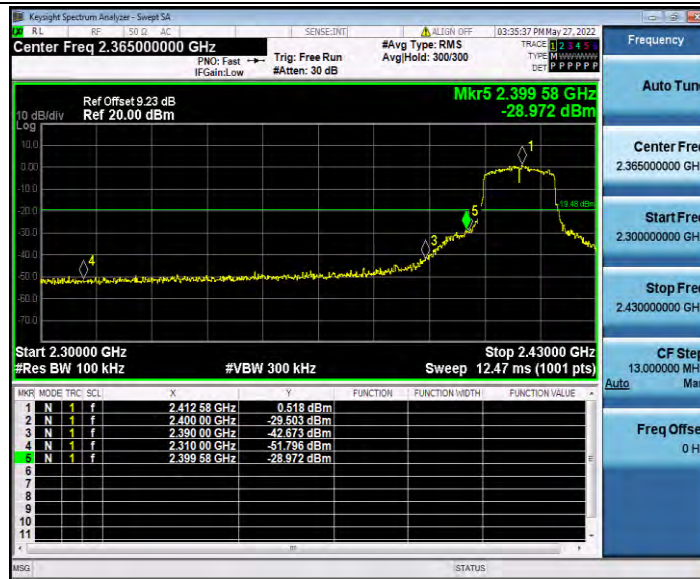
11B_Ant1_Low_2412



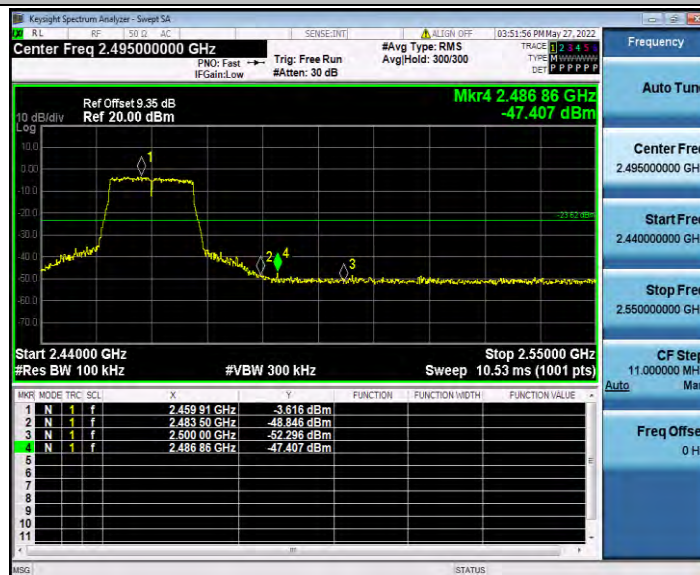
11B_Ant1_High_2462



11G_Ant1_Low_2412



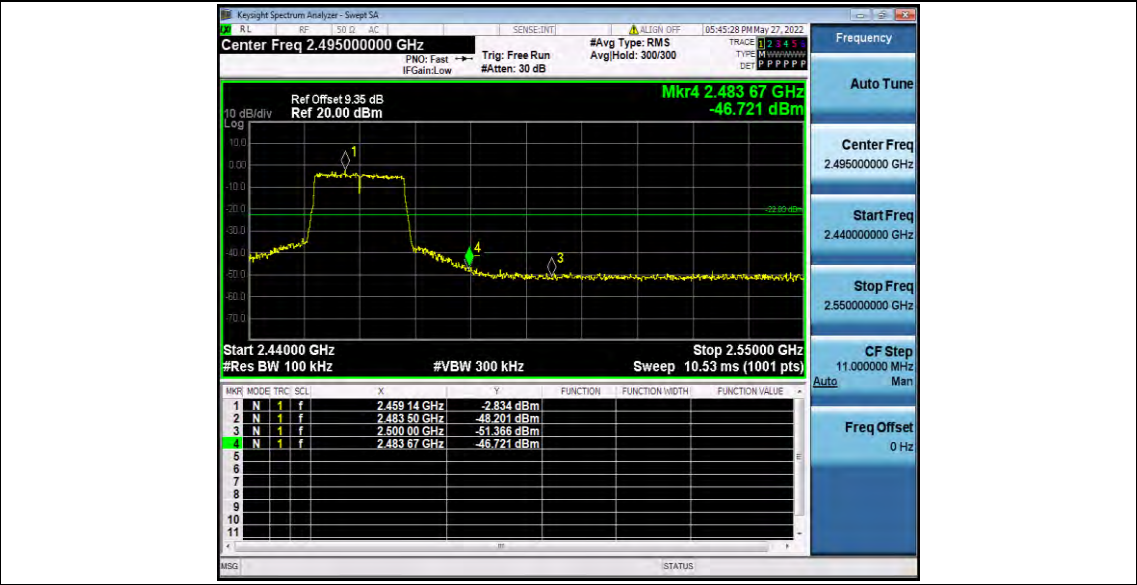
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix C.5: Conducted Spurious Emission

Test Result

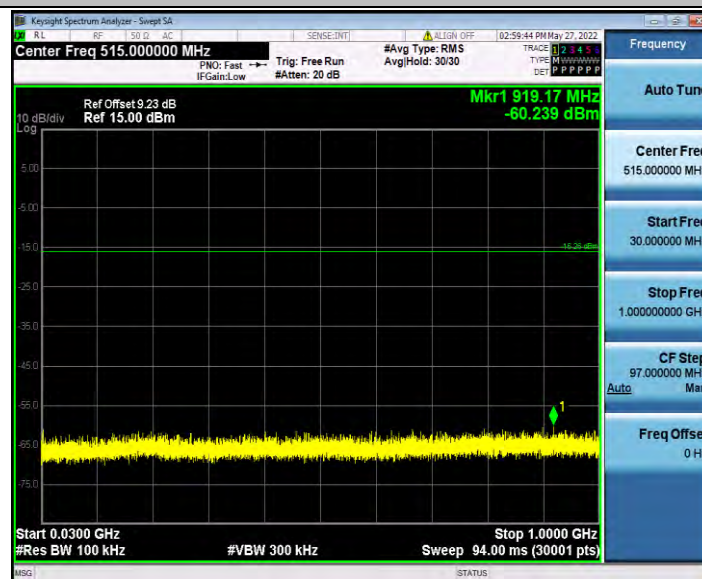
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.74	3.74	---	PASS
			30~1000	3.74	-60.24	≤ -16.26	PASS
			1000~26500	3.74	-48.19	≤ -16.26	PASS
		2437	Reference	4.73	4.73	---	PASS
			30~1000	4.73	-59.08	≤ -15.27	PASS
			1000~26500	4.73	-47.63	≤ -15.27	PASS
		2462	Reference	4.63	4.63	---	PASS
			30~1000	4.63	-53.53	≤ -15.37	PASS
			1000~26500	4.63	-46.89	≤ -15.37	PASS
11G	Ant1	2412	Reference	0.00	0.00	---	PASS
			30~1000	0.00	-59.48	≤ -20	PASS
			1000~26500	0.00	-47.47	≤ -20	PASS
		2437	Reference	0.20	0.20	---	PASS
			30~1000	0.20	-60.23	≤ -19.8	PASS
			1000~26500	0.20	-47.75	≤ -19.8	PASS
		2462	Reference	-3.81	-3.81	---	PASS
			30~1000	-3.81	-60.43	≤ -23.81	PASS
			1000~26500	-3.81	-47.22	≤ -23.81	PASS
11N20SISO	Ant1	2412	Reference	-4.99	-4.99	---	PASS
			30~1000	-4.99	-60.44	≤ -24.99	PASS
			1000~26500	-4.99	-47.86	≤ -24.99	PASS
		2437	Reference	-3.58	-3.58	---	PASS
			30~1000	-3.58	-60.36	≤ -23.58	PASS
			1000~26500	-3.58	-47.57	≤ -23.58	PASS
		2462	Reference	-4.14	-4.14	---	PASS
			30~1000	-4.14	-60.52	≤ -24.14	PASS
			1000~26500	-4.14	-46.65	≤ -24.14	PASS

Test Graphs

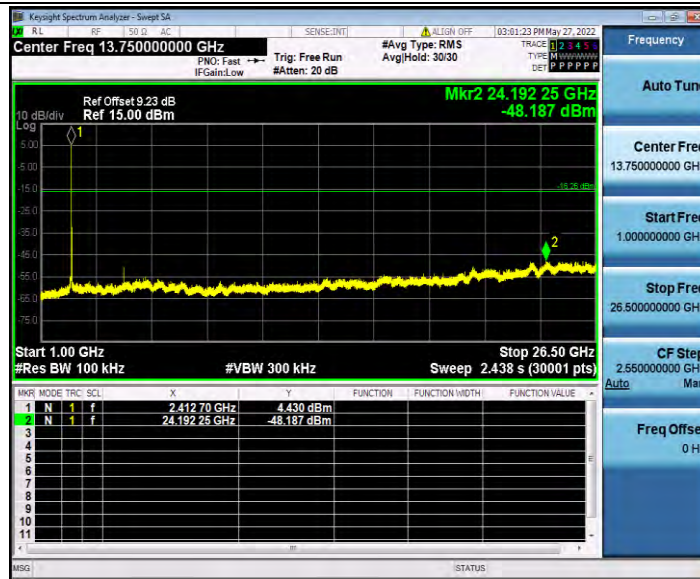
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



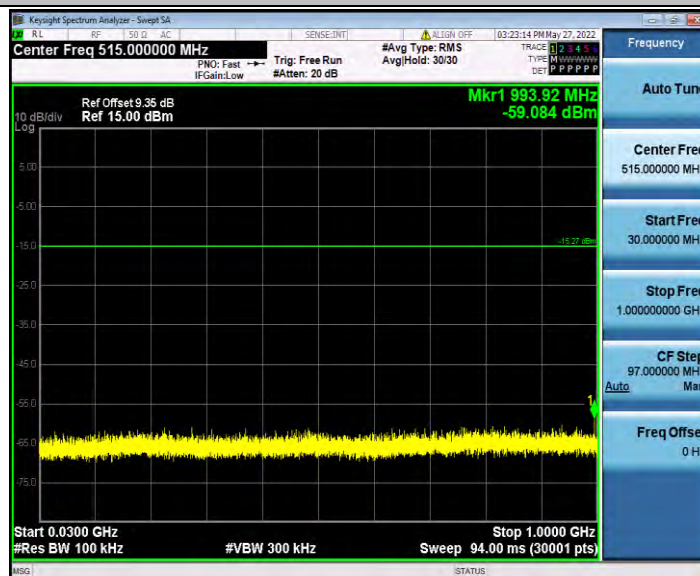
11B_Ant1_2412_1000~26500



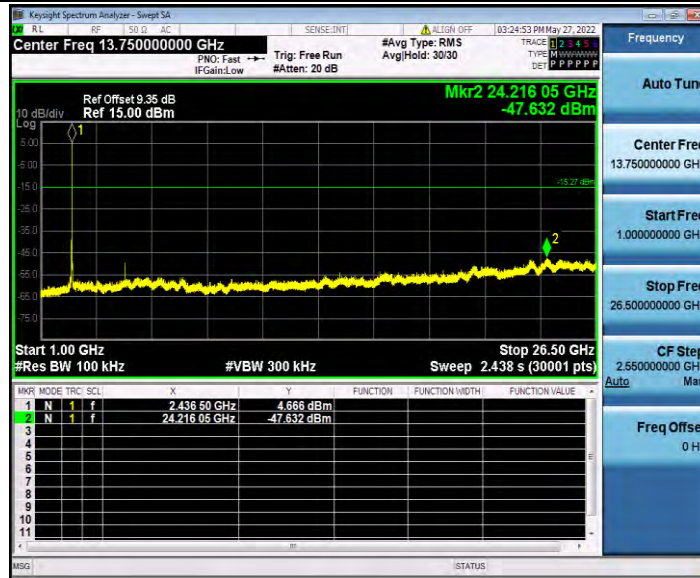
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



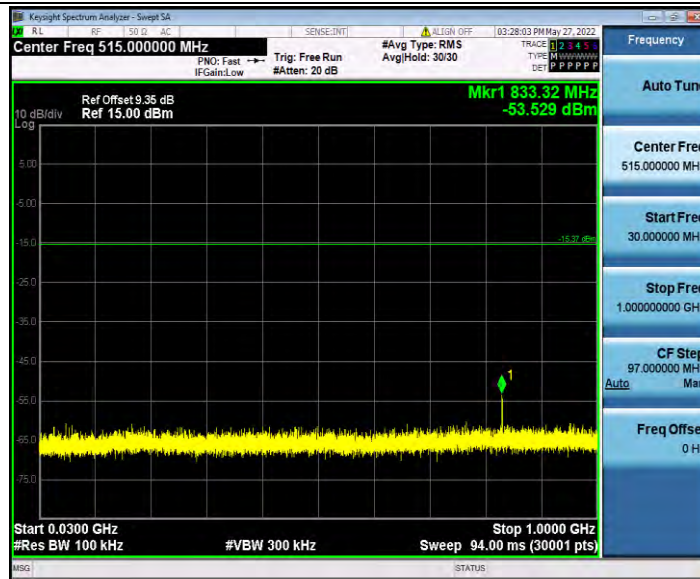
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



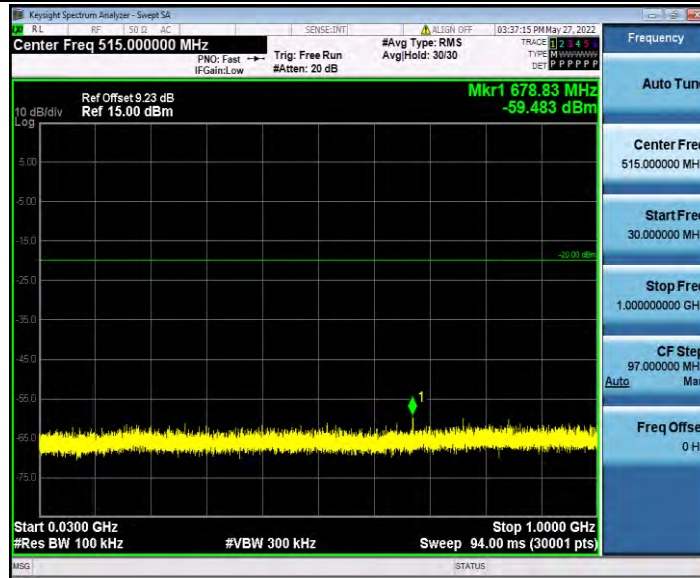
11B_Ant1_2462_1000~26500



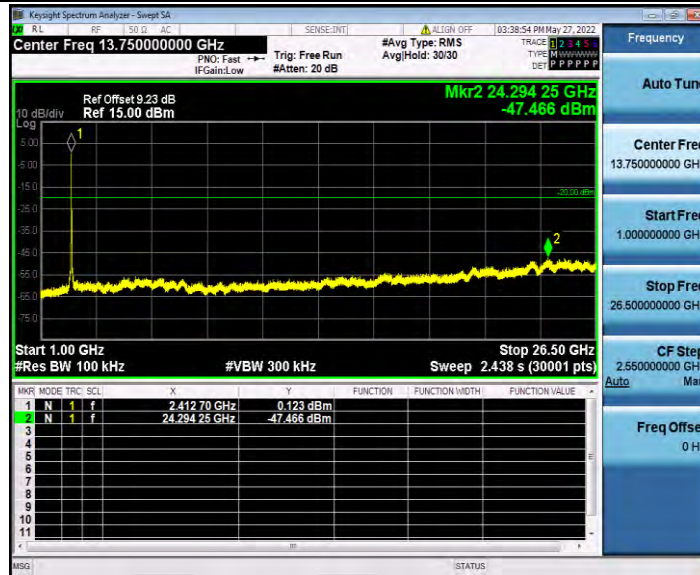
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



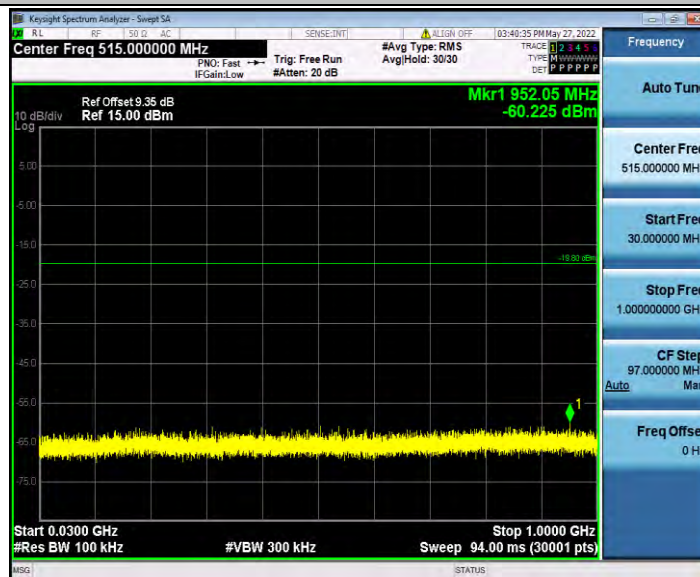
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



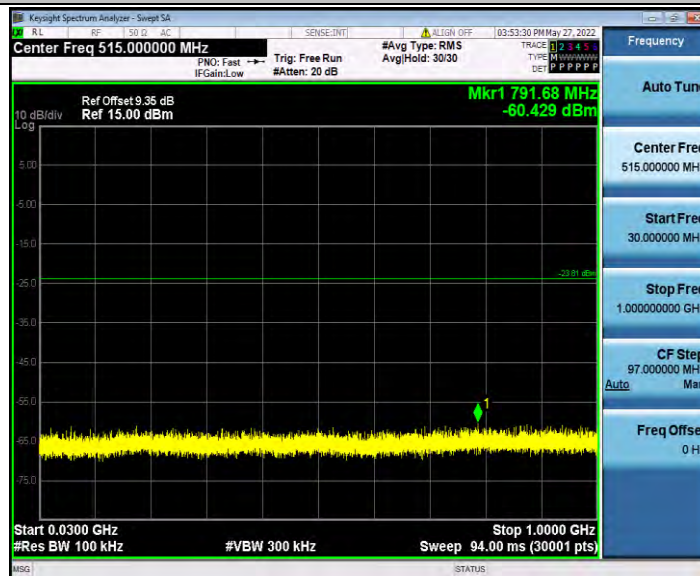
11G_Ant1_2437_1000~26500



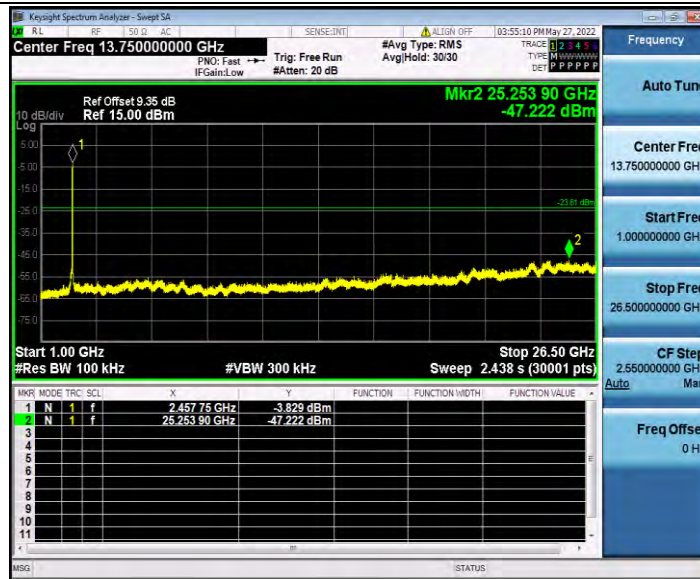
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



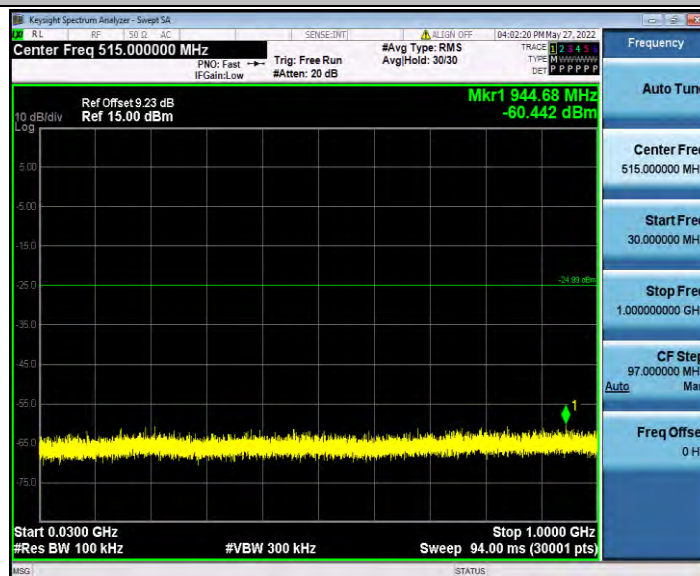
11G_Ant1_2462_1000~26500



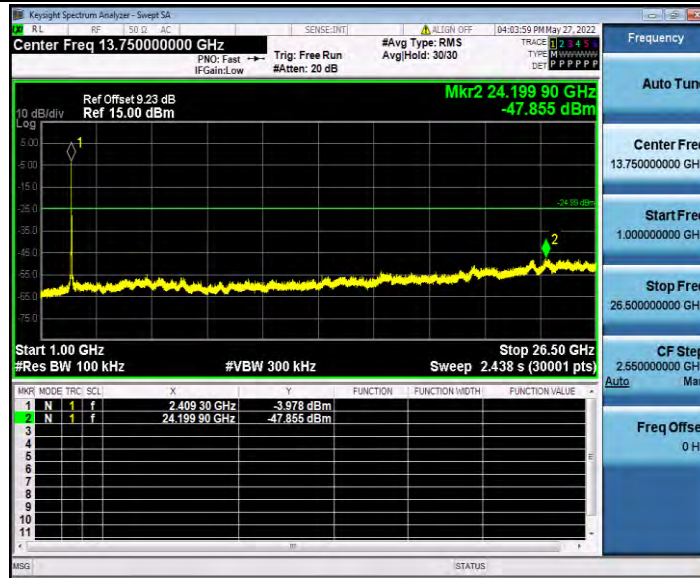
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



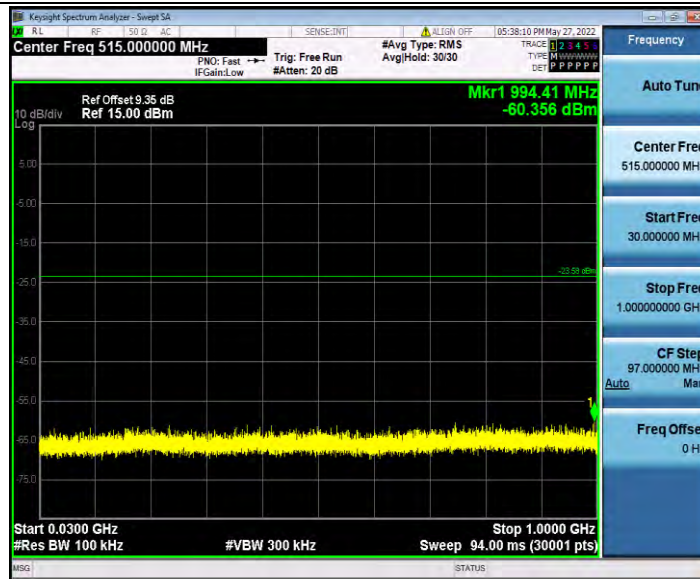
11N20SISO_Ant1_2412_1000~26500



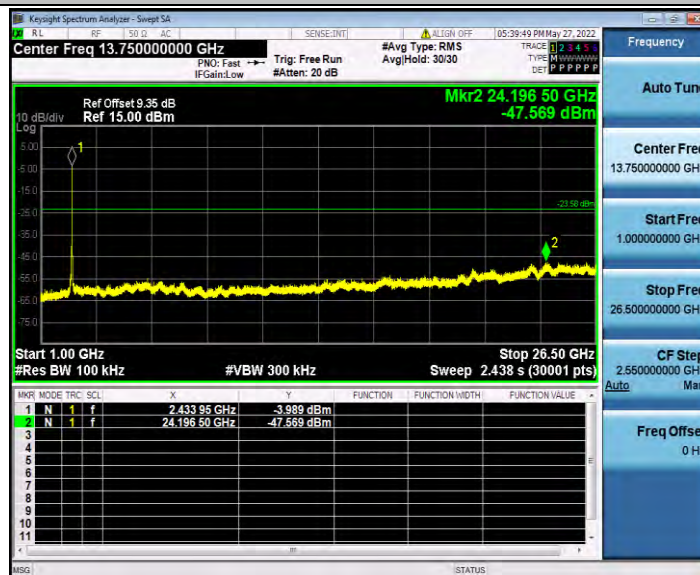
11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



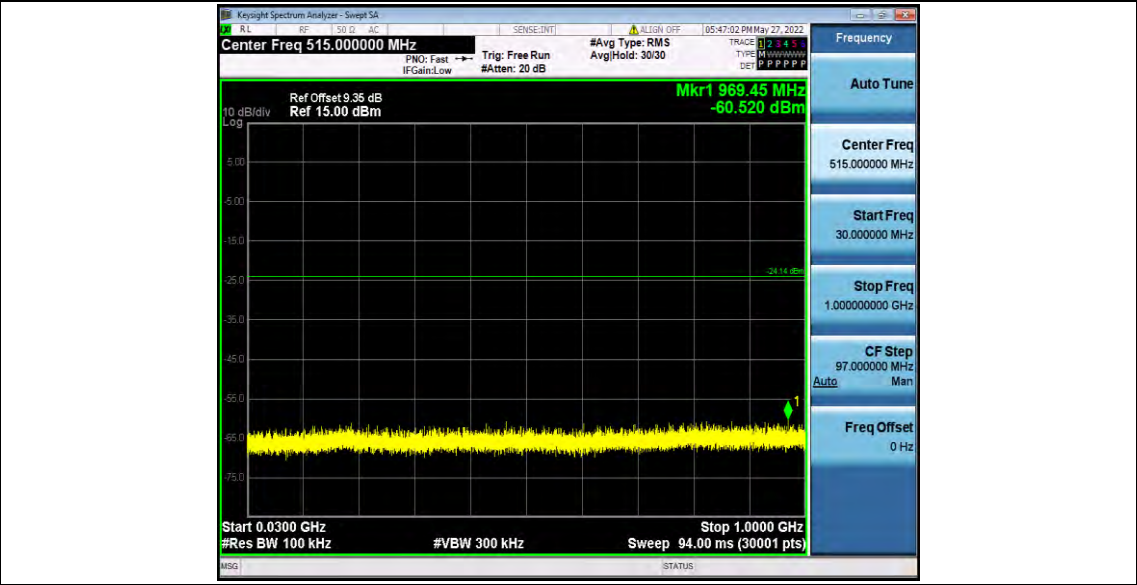
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

