

Case No. : <u>GTS20220107010-1-3</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH,	
Test Date: <u>2022.4.27</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	9.200	2407.360	2416.560	0.5	PASS
		2437	7.880	2432.640	2440.520	0.5	PASS
		2462	7.880	2458.040	2465.920	0.5	PASS
11G	Ant1	2412	15.400	2404.440	2419.840	0.5	PASS
		2437	15.480	2429.440	2444.920	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.520	2429.440	2444.960	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS

Test Graphs

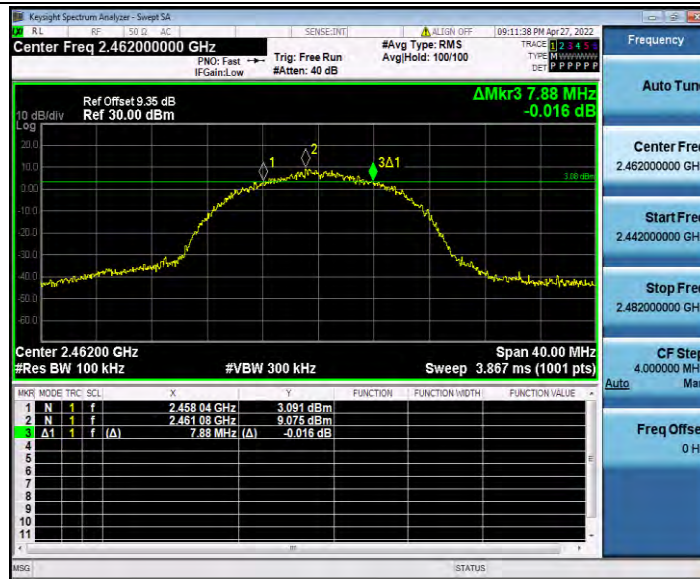
11B_Ant1_2412



11B_Ant1_2437



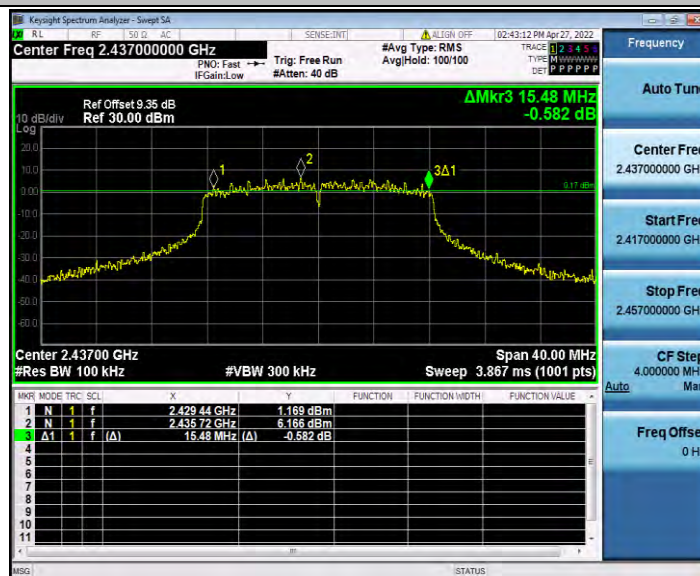
11B_Ant1_2462



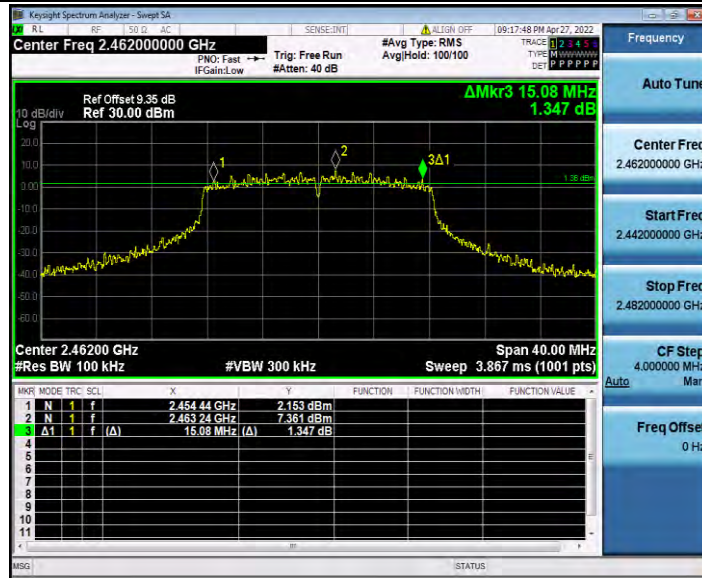
11G_Ant1_2412



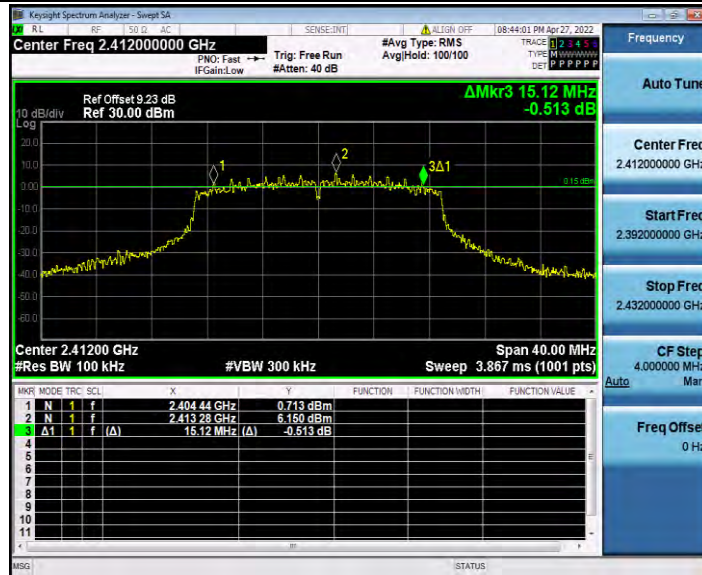
11G_Ant1_2437



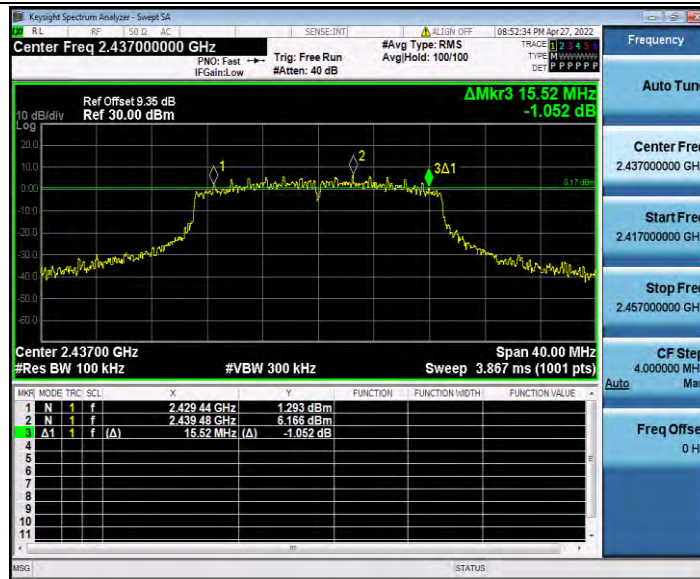
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



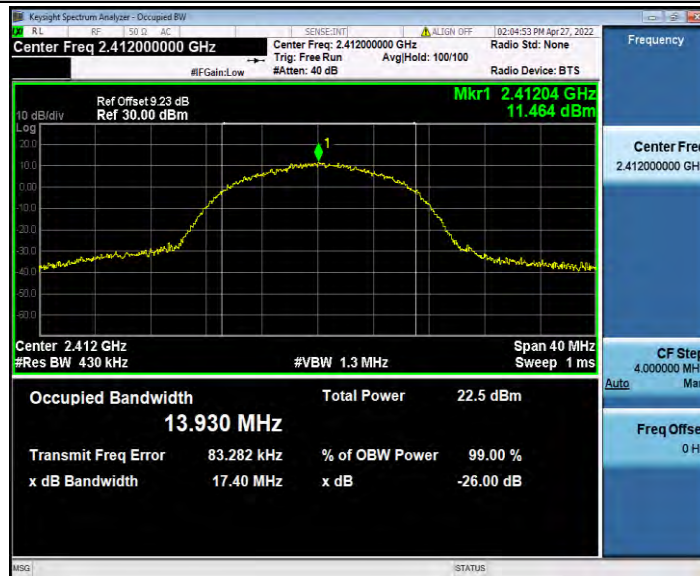
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.930	2405.118	2419.048	---	---
		2437	13.876	2430.103	2443.979	---	---
		2462	13.846	2455.086	2468.932	---	---
11G	Ant1	2412	16.482	2403.798	2420.280	---	---
		2437	16.504	2428.776	2445.280	---	---
		2462	16.521	2453.710	2470.231	---	---
11N20SISO	Ant1	2412	17.628	2403.246	2420.874	---	---
		2437	17.626	2428.206	2445.832	---	---
		2462	17.574	2453.215	2470.789	---	---

Test Graphs

11B_Ant1_2412



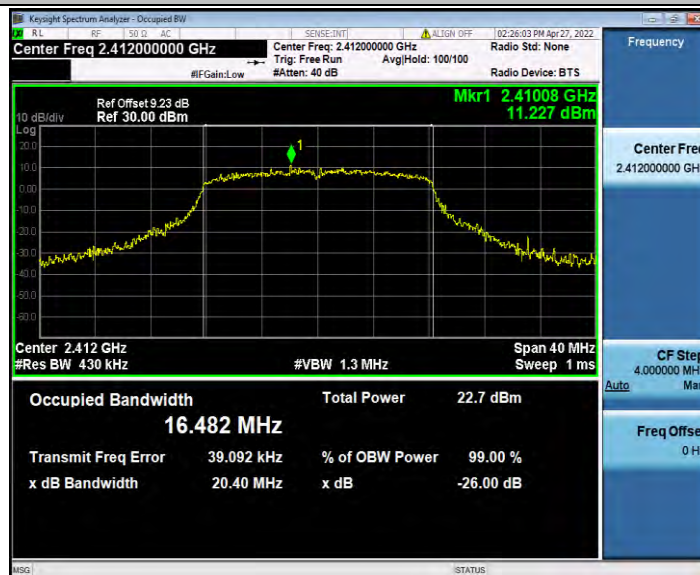
11B_Ant1_2437



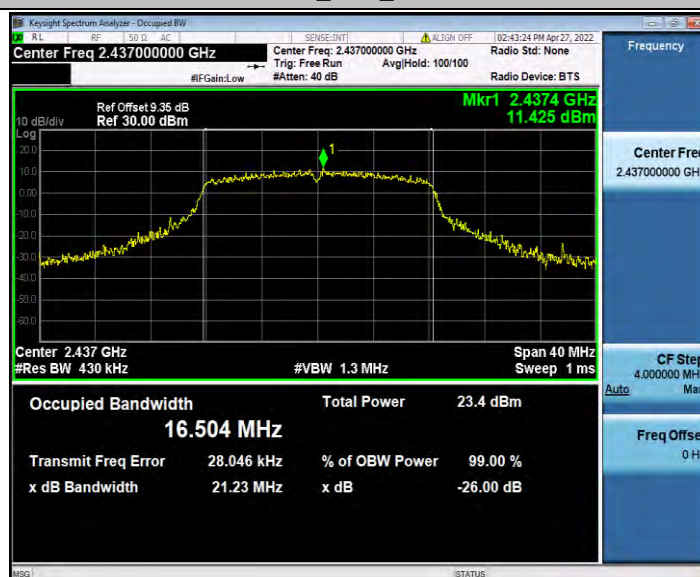
11B_Ant1_2462



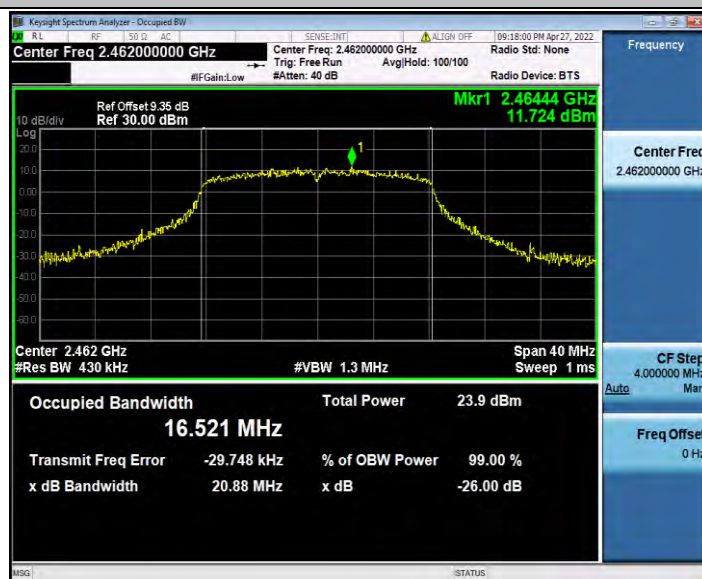
11G_Ant1_2412



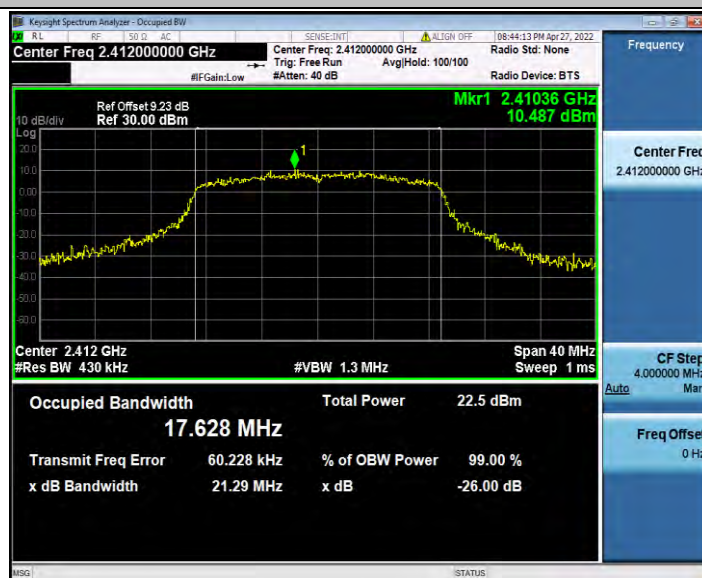
11G_Ant1_2437



11G_Ant1_2462



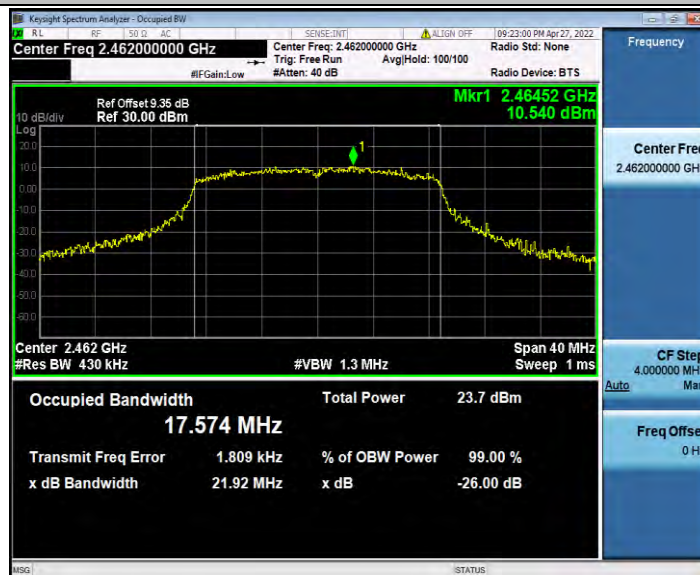
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



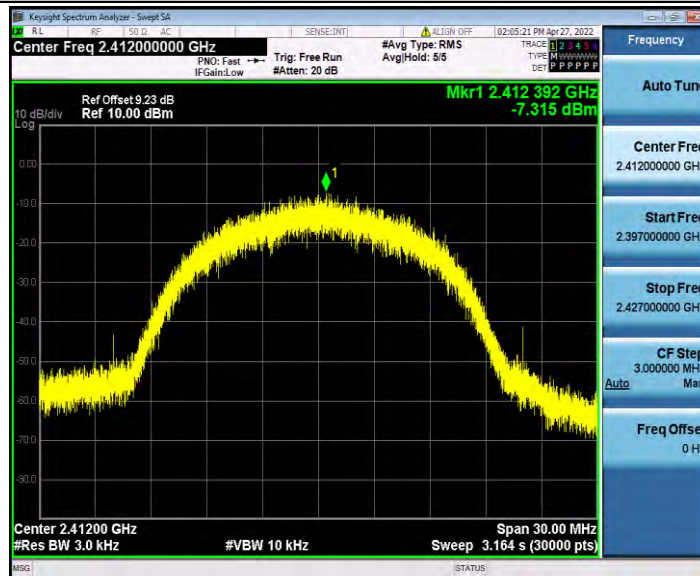
Appendix C.3: Maximum power spectral density

Test Result

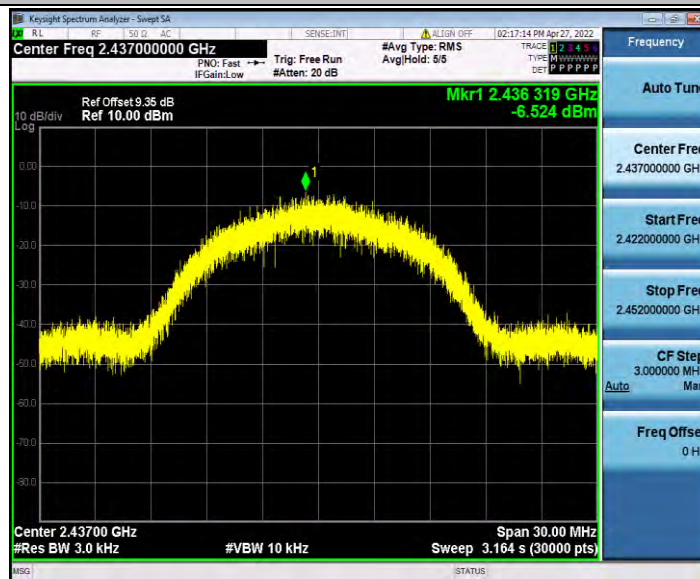
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.32	≤8.00	PASS
		2437	-6.52	≤8.00	PASS
		2462	-6.20	≤8.00	PASS
11G	Ant1	2412	-10.04	≤8.00	PASS
		2437	-9.00	≤8.00	PASS
		2462	-8.34	≤8.00	PASS
11N20SISO	Ant1	2412	-9.61	≤8.00	PASS
		2437	-7.72	≤8.00	PASS
		2462	-8.70	≤8.00	PASS

Test Graphs

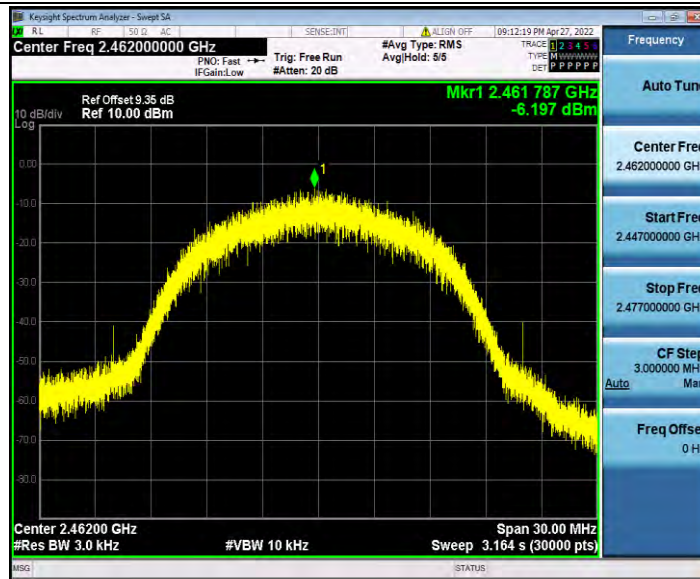
11B_Ant1_2412



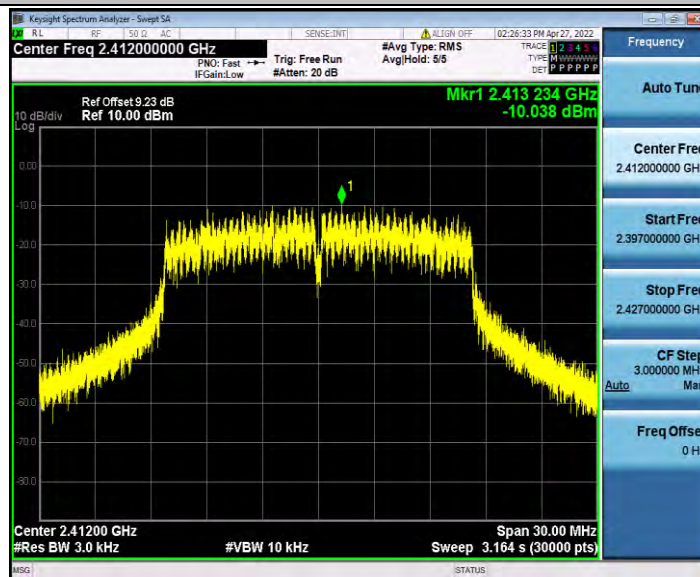
11B_Ant1_2437



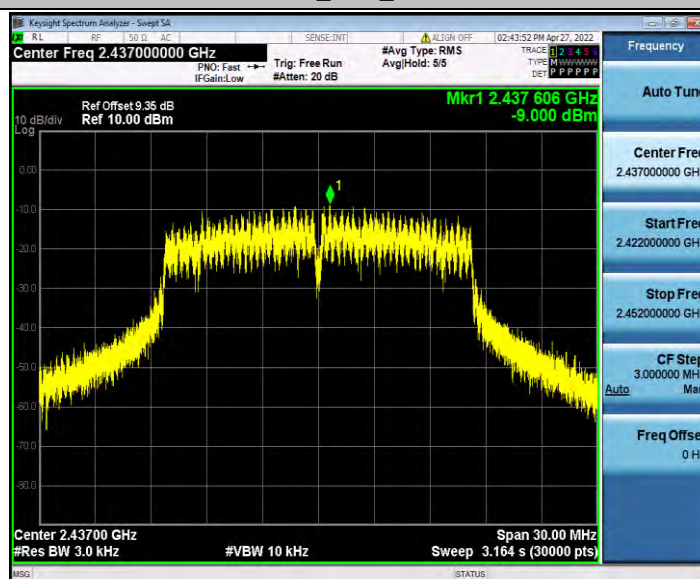
11B_Ant1_2462



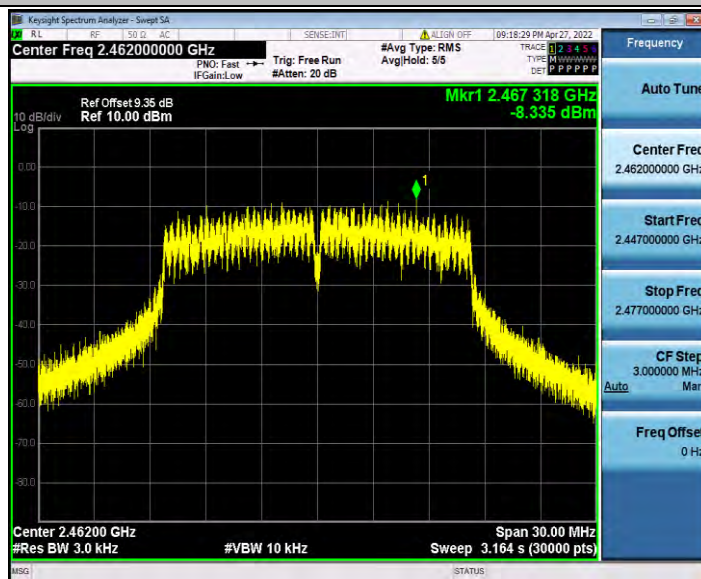
11G_Ant1_2412



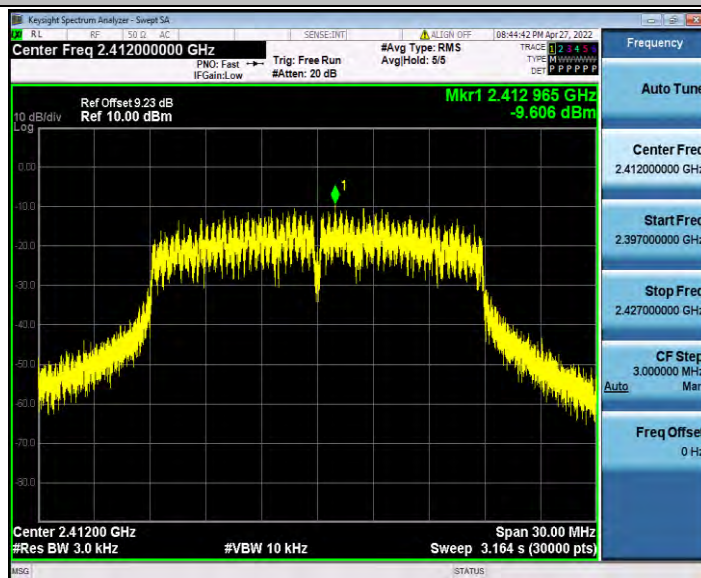
11G_Ant1_2437



11G_Ant1_2462



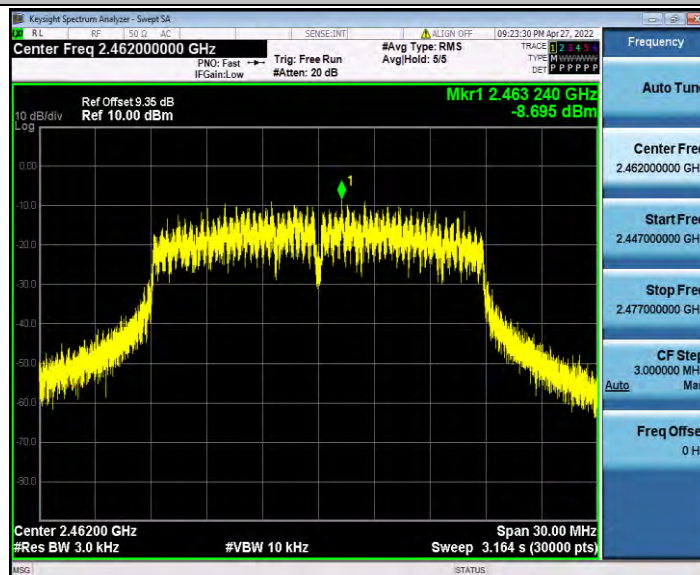
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



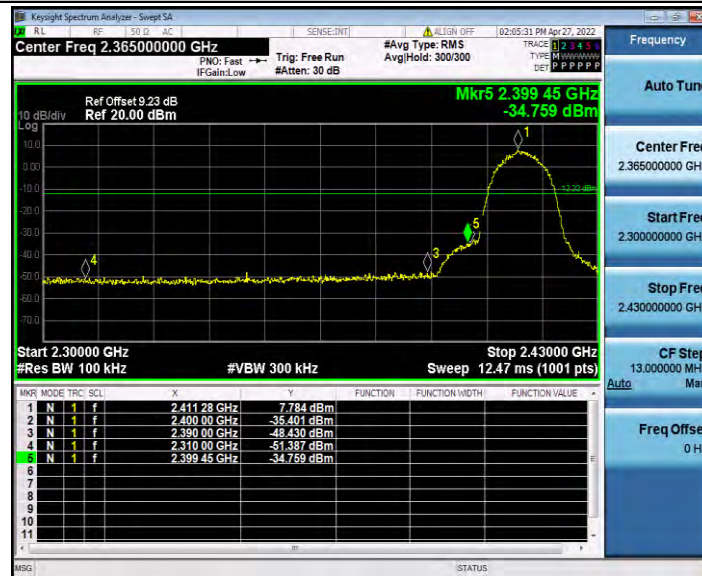
Appendix C.4: Band edge measurements

Test Result

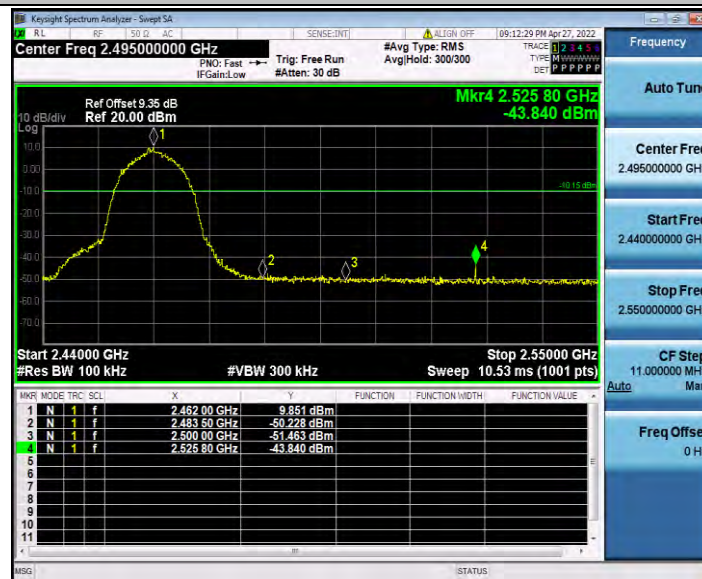
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.78	-34.76	≤-12.22	PASS
		High	2462	9.85	-43.84	≤-10.15	PASS
11G	Ant1	Low	2412	6.07	-27.83	≤-13.93	PASS
		High	2462	7.71	-39.13	≤-12.29	PASS
11N20SISO	Ant1	Low	2412	6.27	-27.28	≤-13.73	PASS
		High	2462	7.52	-39.47	≤-12.48	PASS

Test Graphs

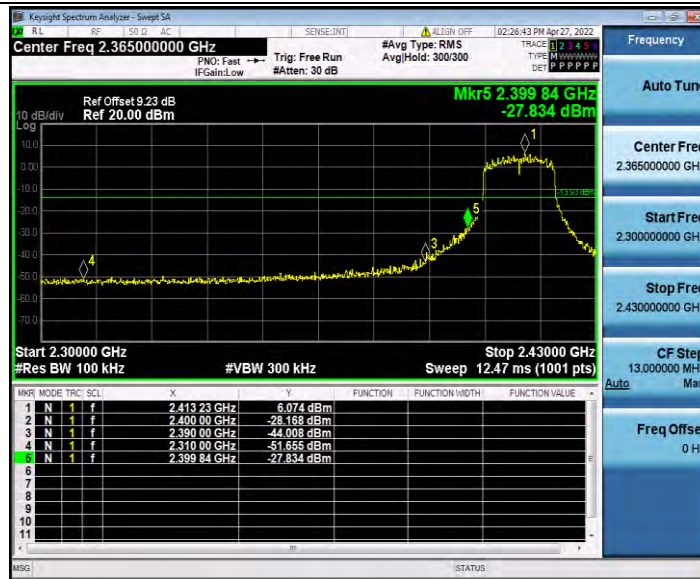
11B_Ant1_Low_2412



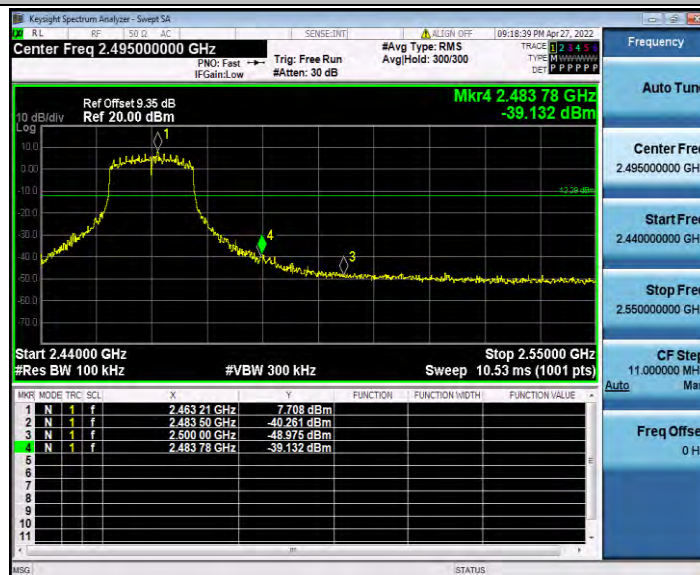
11B_Ant1_High_2462



11G_Ant1_Low_2412



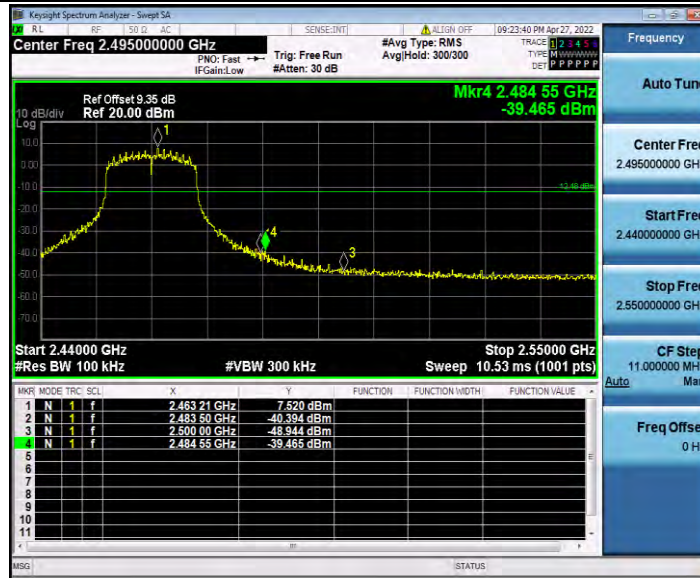
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix C.5: Conducted Spurious Emission

Test Result

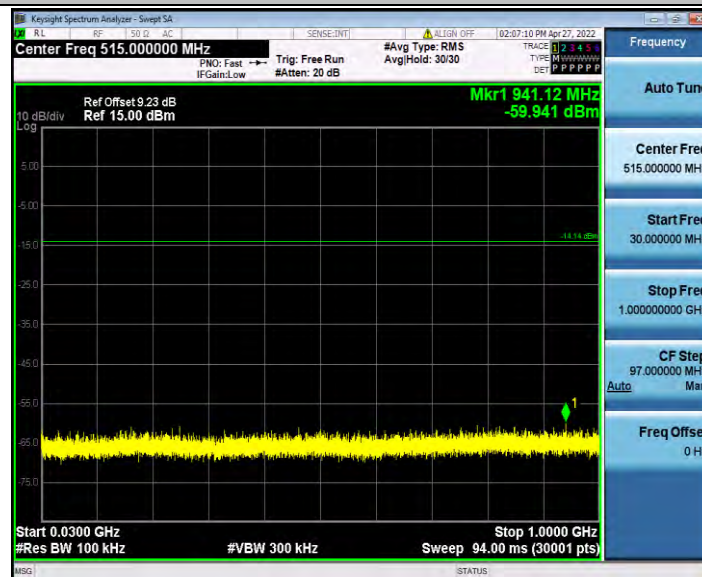
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.86	5.86	---	PASS
			30~1000	5.86	-59.94	≤-14.14	PASS
			1000~26500	5.86	-47.46	≤-14.14	PASS
		2437	Reference	6.38	6.38	---	PASS
			30~1000	6.38	-56.23	≤-13.62	PASS
			1000~26500	6.38	-47.71	≤-13.62	PASS
		2462	Reference	7.96	7.96	---	PASS
			30~1000	7.96	-42.47	≤-12.04	PASS
			1000~26500	7.96	-47.6	≤-12.04	PASS
11G	Ant1	2412	Reference	5.46	5.46	---	PASS
			30~1000	5.46	-52.69	≤-14.54	PASS
			1000~26500	5.46	-43.69	≤-14.54	PASS
		2437	Reference	5.71	5.71	---	PASS
			30~1000	5.71	-55.55	≤-14.29	PASS
			1000~26500	5.71	-47.3	≤-14.29	PASS
		2462	Reference	6.27	6.27	---	PASS
			30~1000	6.27	-60.12	≤-13.73	PASS
			1000~26500	6.27	-47.28	≤-13.73	PASS
11N20SISO	Ant1	2412	Reference	5.24	5.24	---	PASS
			30~1000	5.24	-60.58	≤-14.76	PASS
			1000~26500	5.24	-47.53	≤-14.76	PASS
		2437	Reference	6.25	6.25	---	PASS
			30~1000	6.25	-59.46	≤-13.75	PASS
			1000~26500	6.25	-47.25	≤-13.75	PASS
		2462	Reference	6.71	6.71	---	PASS
			30~1000	6.71	-59.78	≤-13.29	PASS
			1000~26500	6.71	-47.29	≤-13.29	PASS

Test Graphs

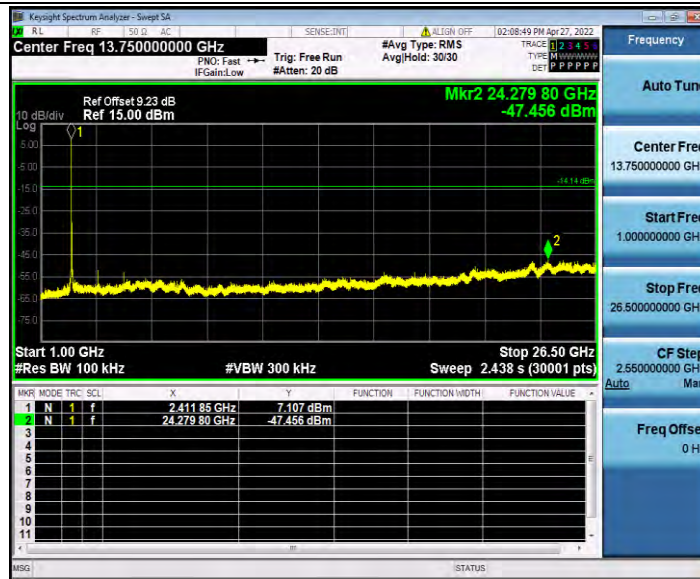
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



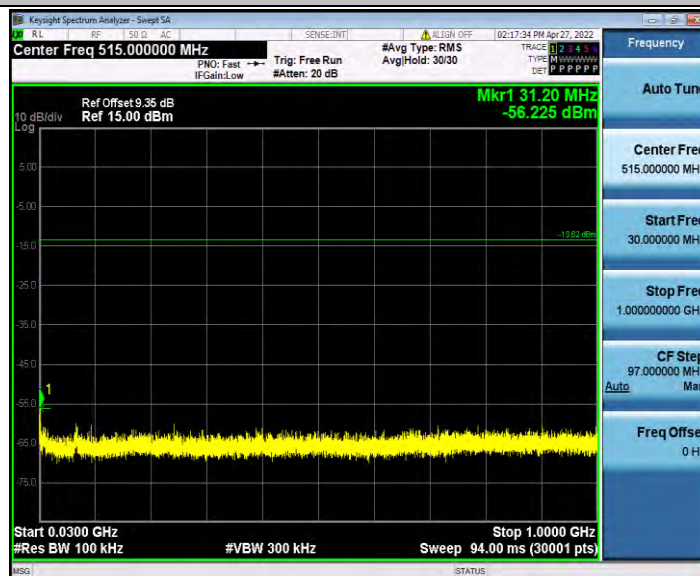
11B_Ant1_2412_1000~26500



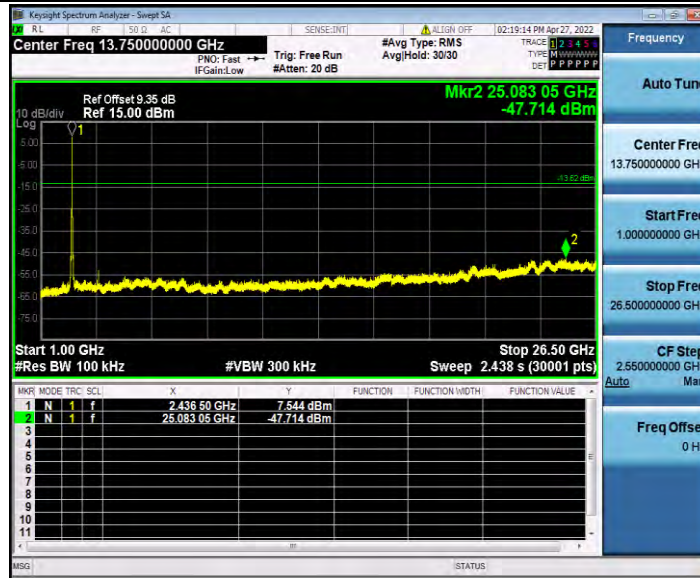
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



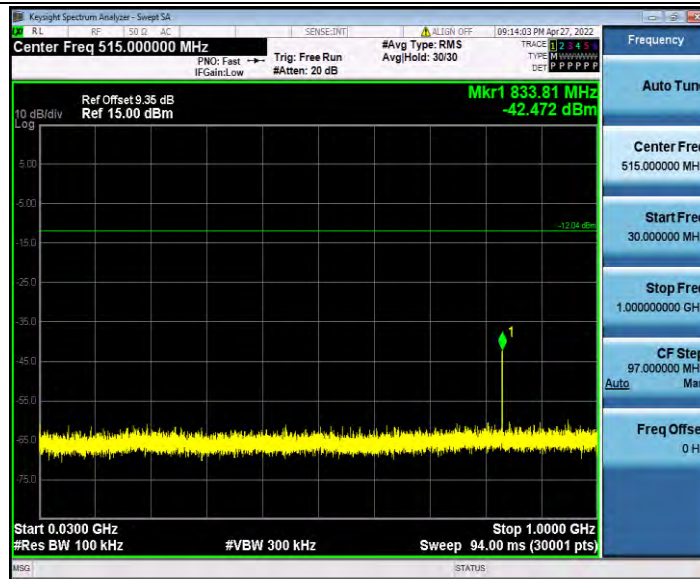
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



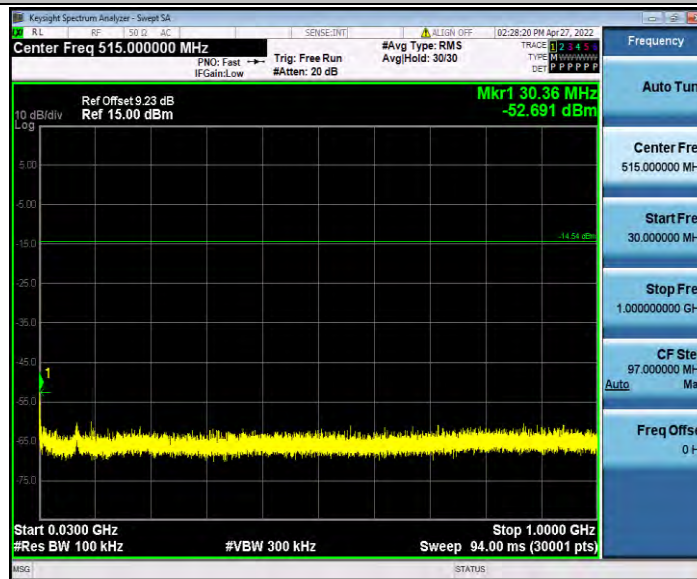
11B_Ant1_2462_1000~26500



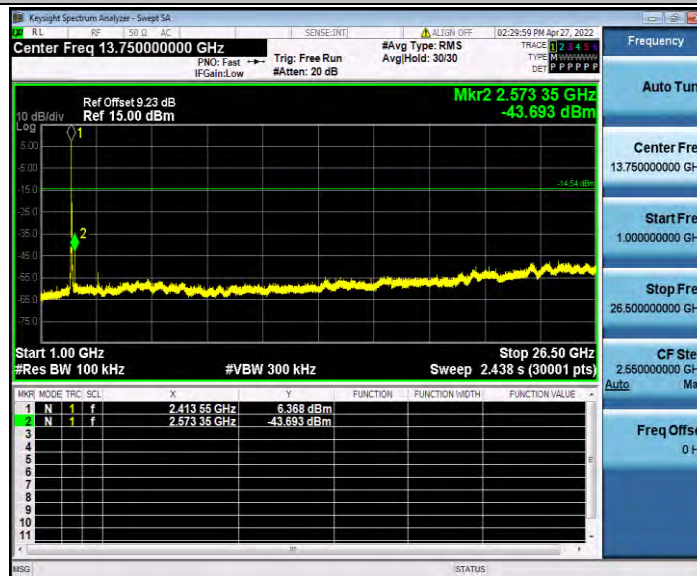
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



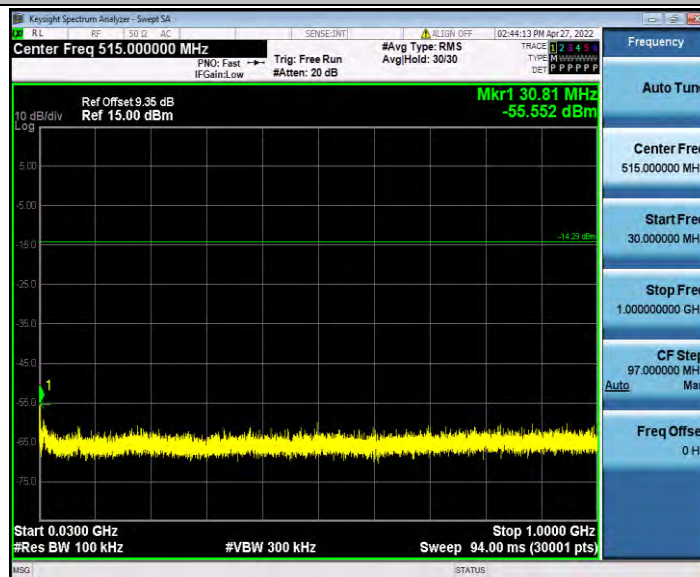
11G_Ant1_2412_1000~26500



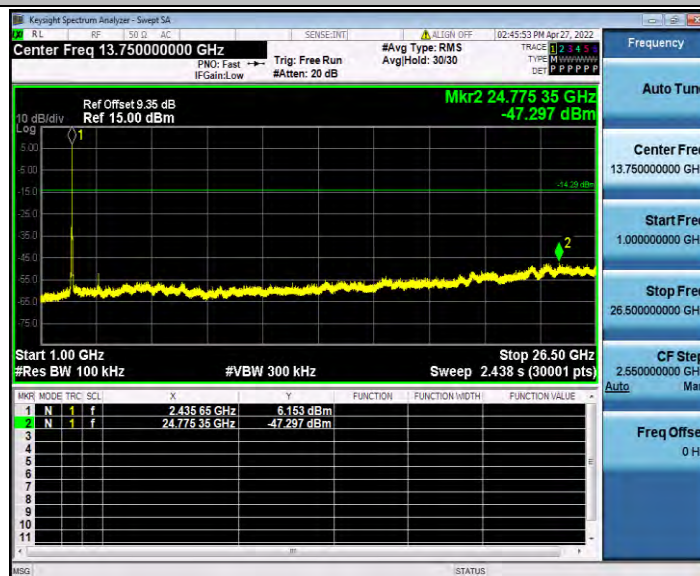
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



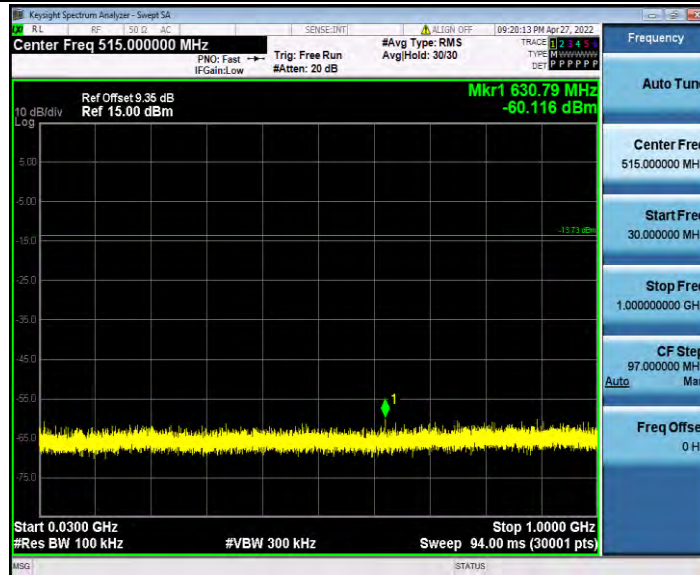
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



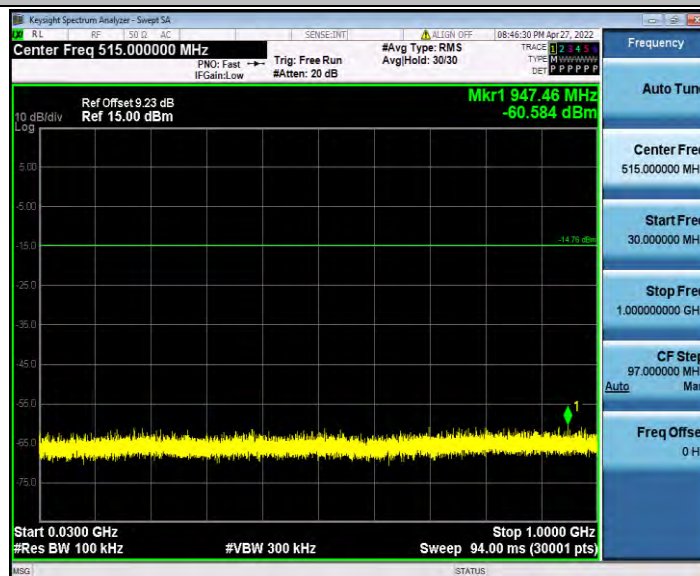
11G_Ant1_2462_1000~26500



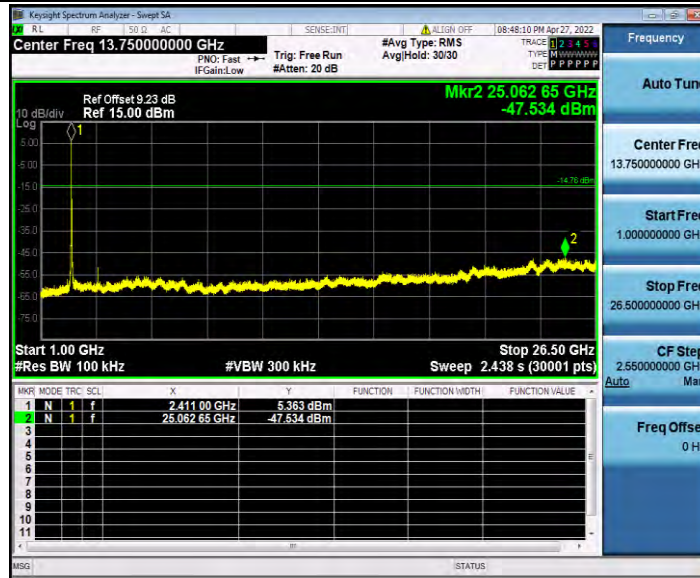
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



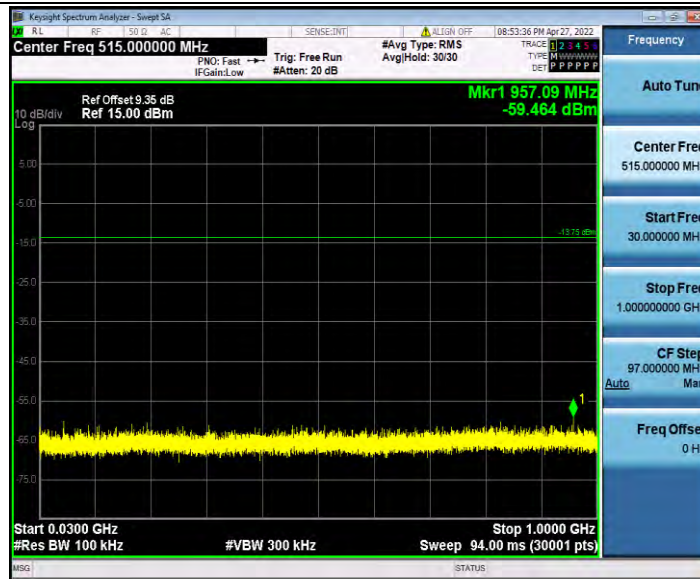
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



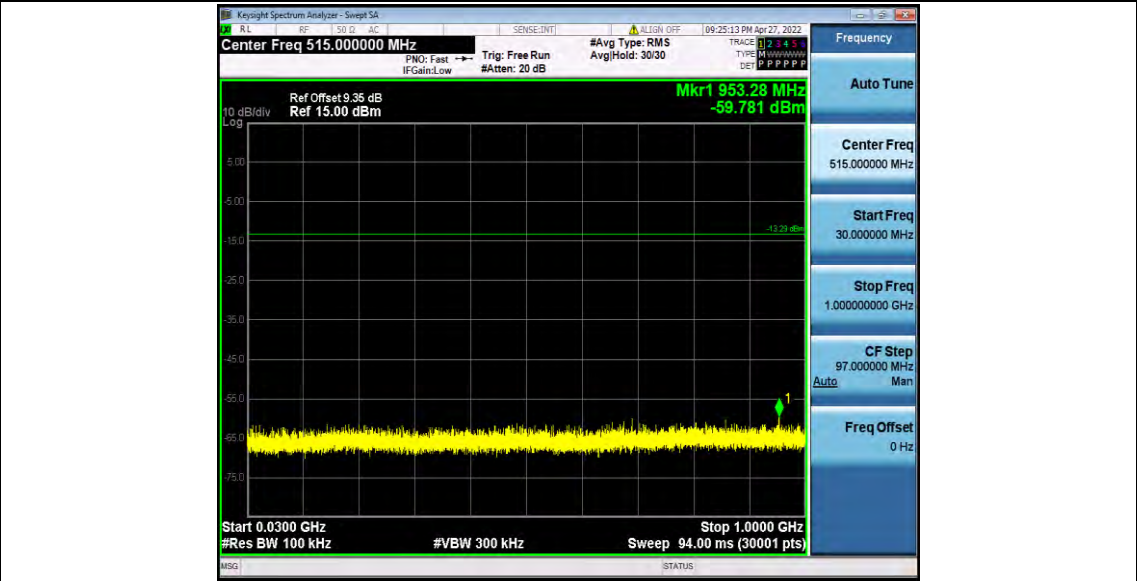
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

