

Case No. : GTS20220506010-1-12	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022-5-14	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	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.040	2457.000	2467.040	0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	0.5	PASS
		2437	16.520	2428.760	2445.280	0.5	PASS
		2462	16.480	2453.760	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.200	2420.880	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.440	2404.720	2440.160	0.5	PASS
		2437	35.680	2419.480	2455.160	0.5	PASS
		2452	36.080	2434.080	2470.160	0.5	PASS

Test Graphs

11B_Ant1_2412



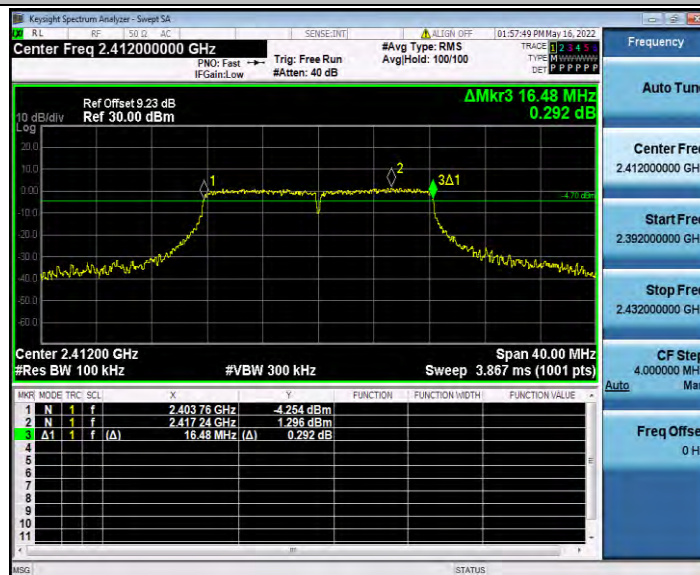
11B_Ant1_2437



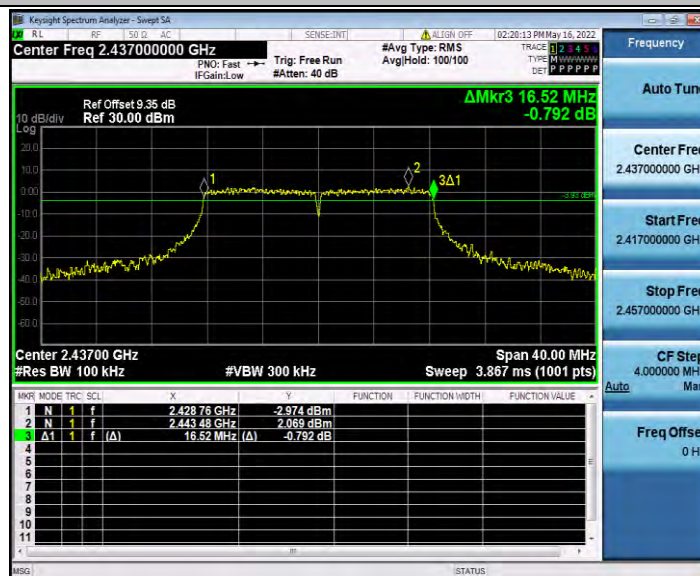
11B_Ant1_2462



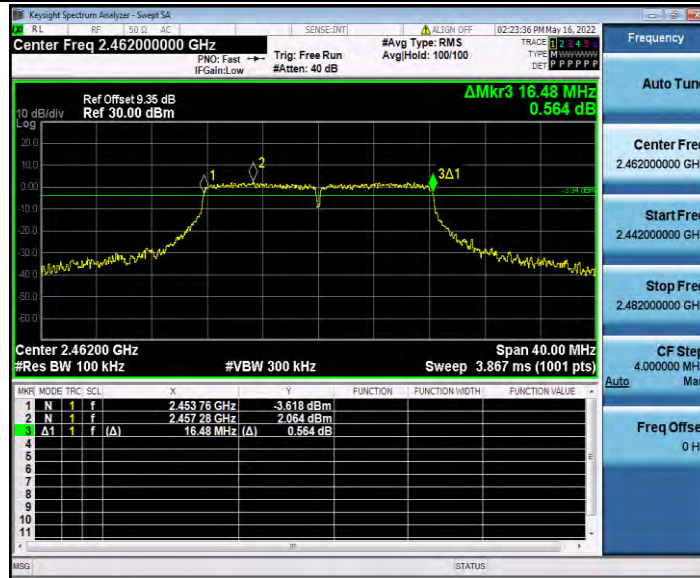
11G_Ant1_2412



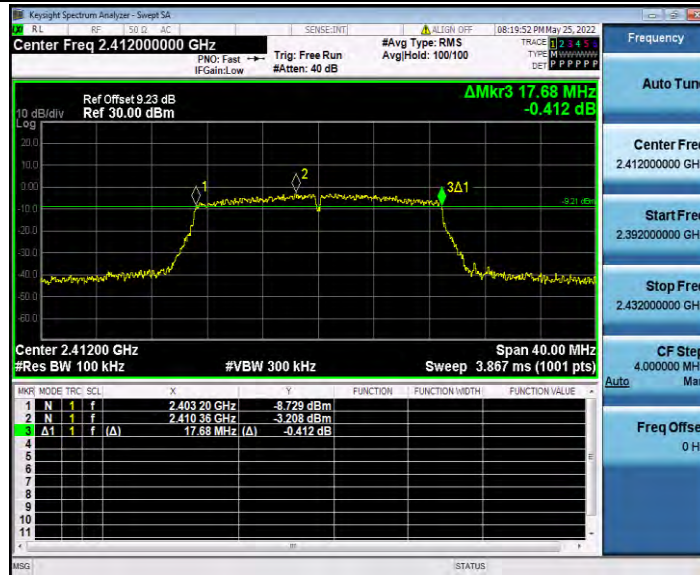
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



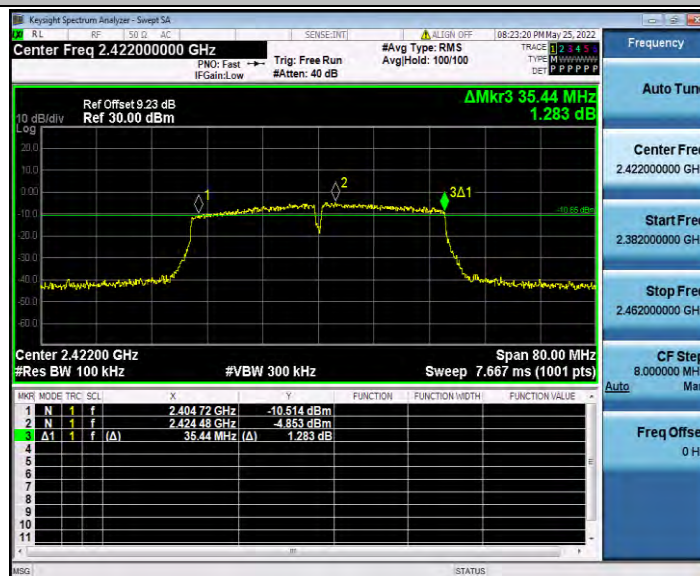
11N20SISO_Ant1_2437



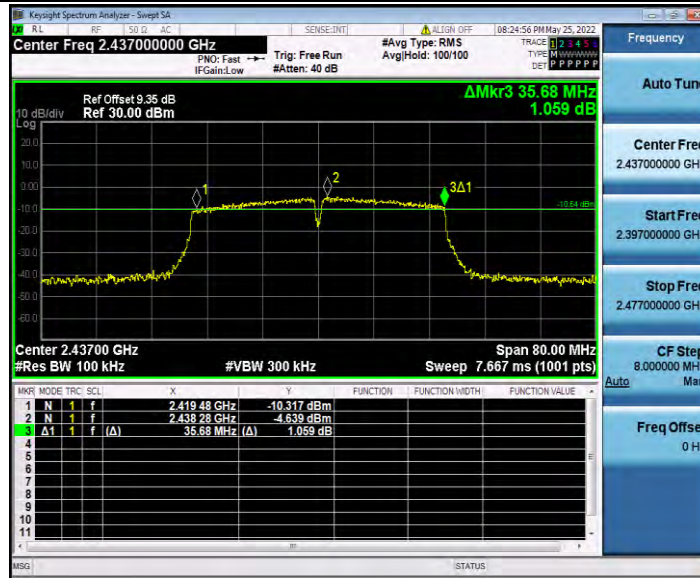
11N20SISO_Ant1_2462



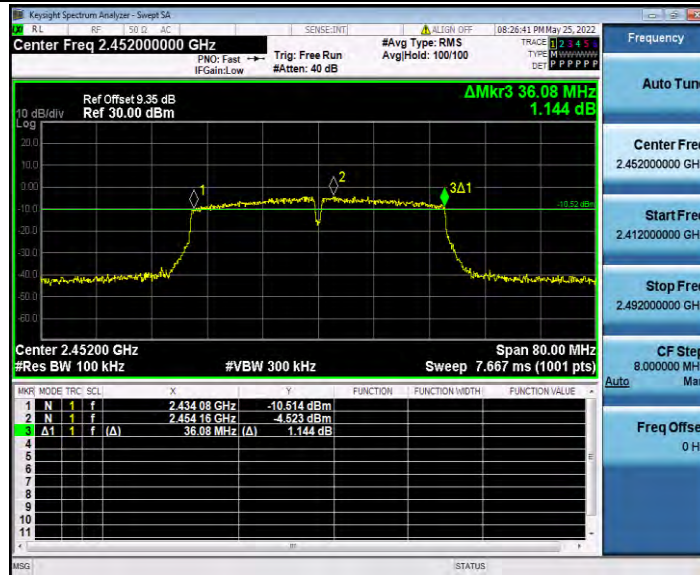
11N40SISO_Ant1_2422



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	15.041	2404.507	2419.548	---	---
		2437	15.097	2429.466	2444.563	---	---
		2462	15.029	2454.489	2469.518	---	---
11G	Ant1	2412	16.957	2403.500	2420.457	---	---
		2437	16.976	2428.452	2445.428	---	---
		2462	16.921	2453.491	2470.412	---	---
11N20SISO	Ant1	2412	17.870	2403.128	2420.998	---	---
		2437	17.866	2428.138	2446.004	---	---
		2462	17.878	2453.099	2470.977	---	---
11N40SISO	Ant1	2422	36.124	2404.119	2440.243	---	---
		2437	36.127	2419.079	2455.206	---	---
		2452	36.119	2433.990	2470.109	---	---

Test Graphs

11B_Ant1_2412



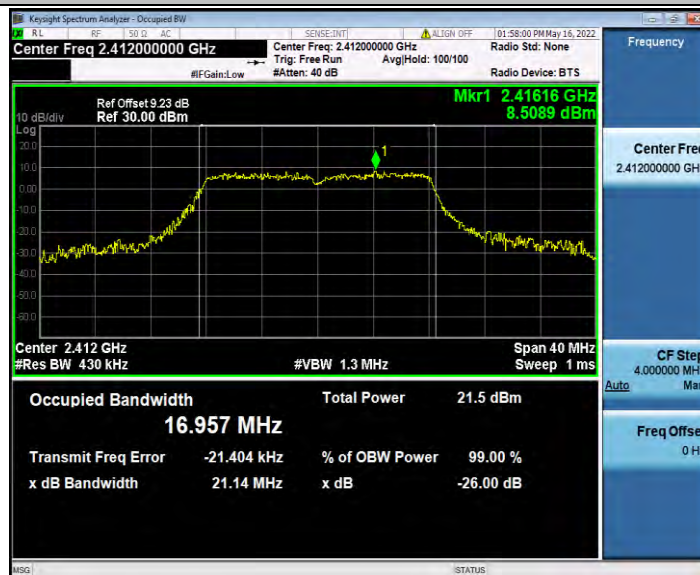
11B_Ant1_2437



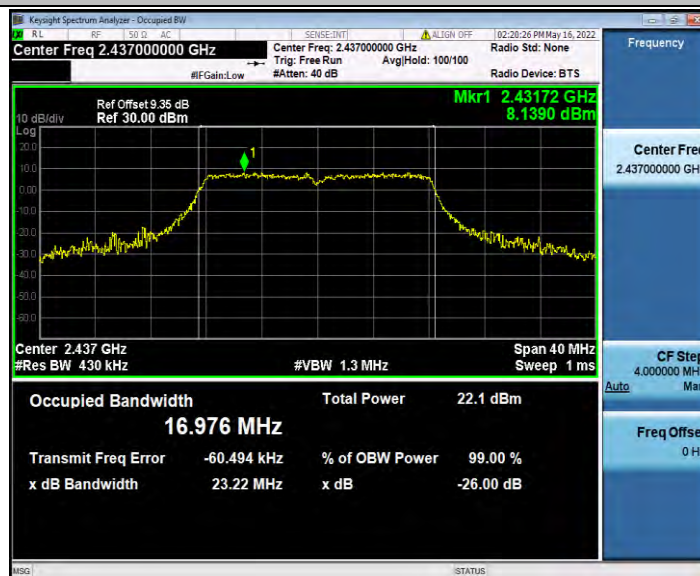
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



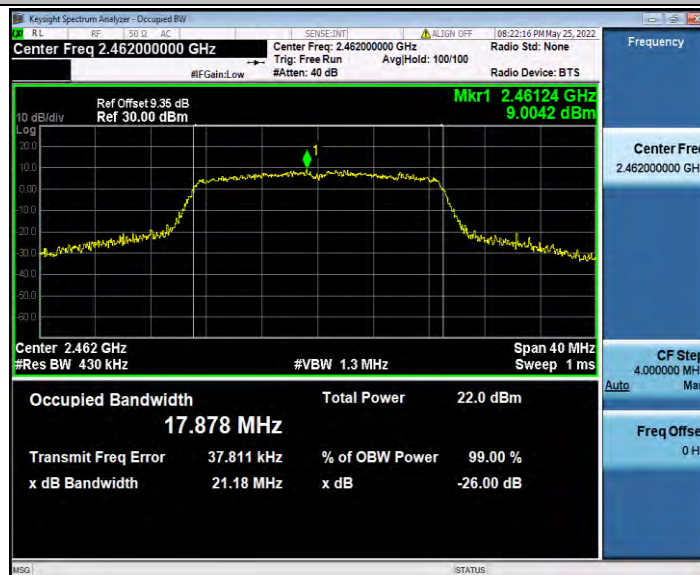
11N20SISO_Ant1_2412



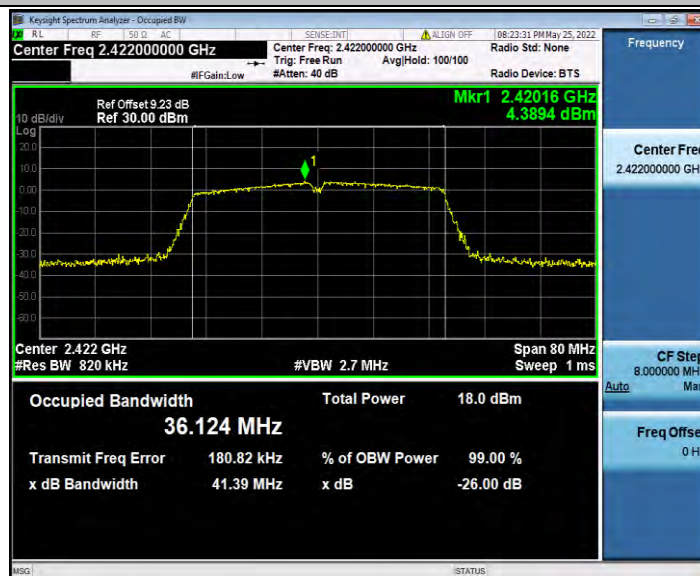
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



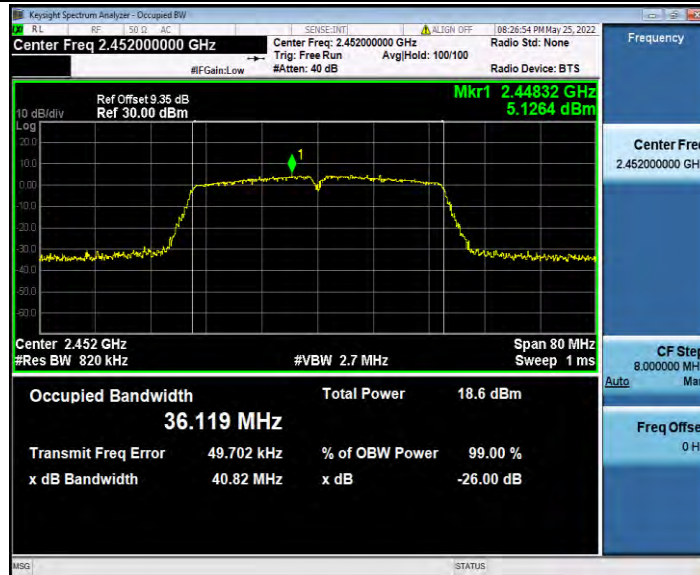
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.87	≤8.00	PASS
		2437	-19.81	≤8.00	PASS
		2462	-15.59	≤8.00	PASS
11G	Ant1	2412	-12.84	≤8.00	PASS
		2437	-12.63	≤8.00	PASS
		2462	-11.96	≤8.00	PASS
11N20SISO	Ant1	2412	-14.04	≤8.00	PASS
		2437	-8.76	≤8.00	PASS
		2462	-8.69	≤8.00	PASS
11N40SISO	Ant1	2422	-16.32	≤8.00	PASS
		2437	-15.84	≤8.00	PASS
		2452	-15.81	≤8.00	PASS

Test Graphs

11B_Ant1_2412



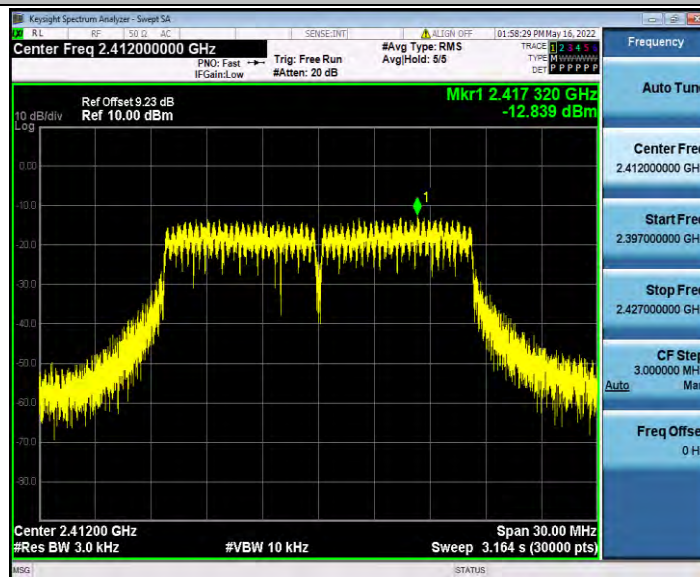
11B_Ant1_2437



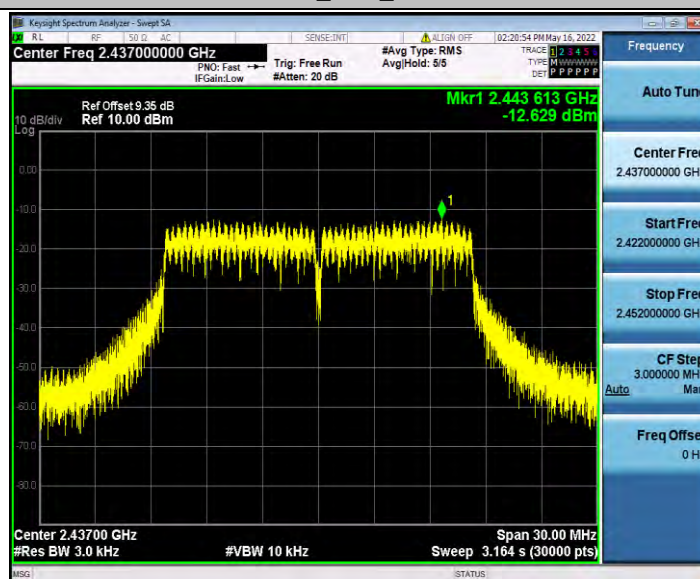
11B_Ant1_2462



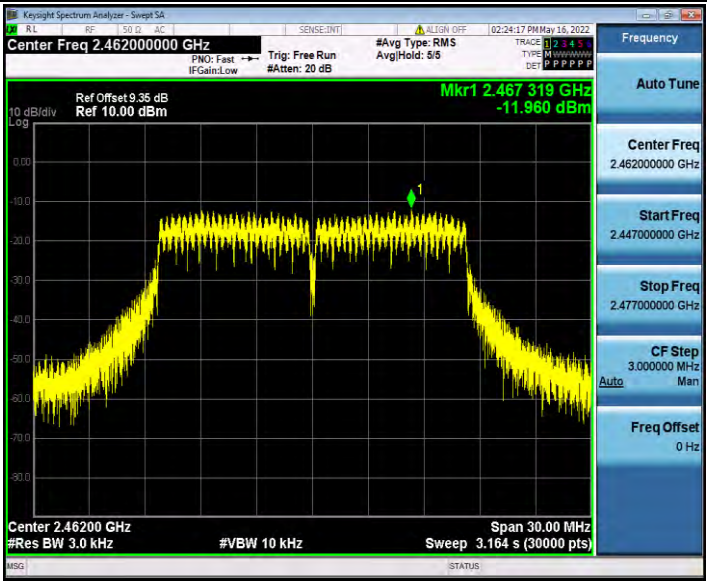
11G_Ant1_2412



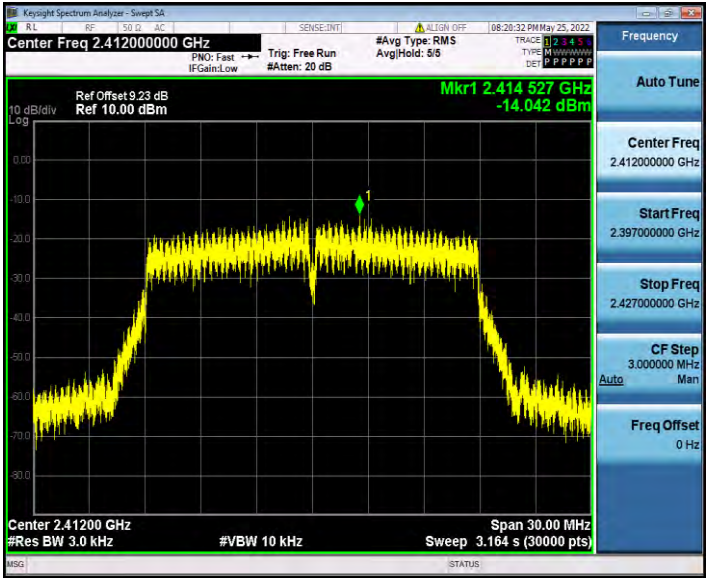
11G_Ant1_2437



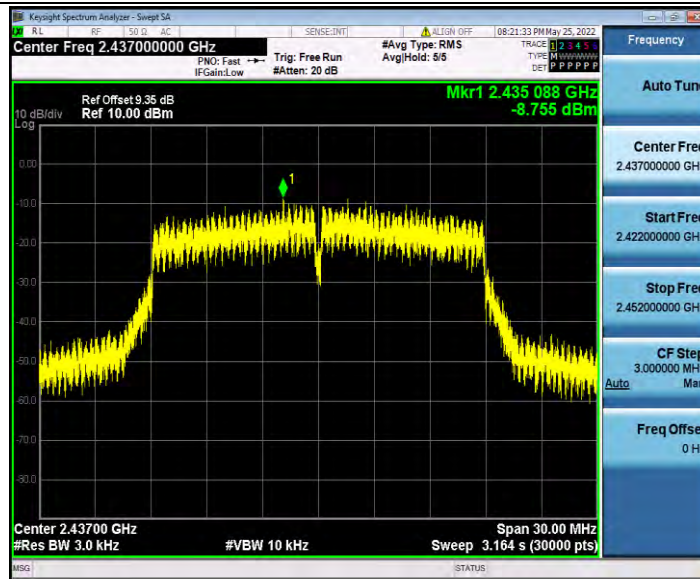
11G_Ant1_2462



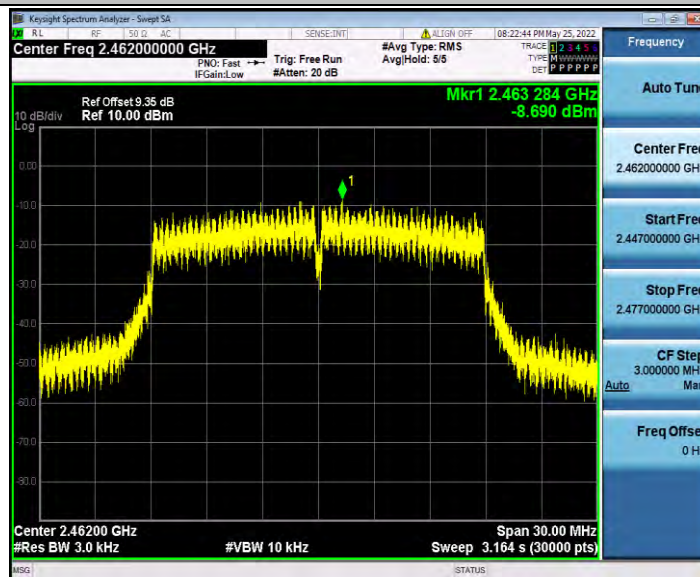
11N20SISO_Ant1_2412



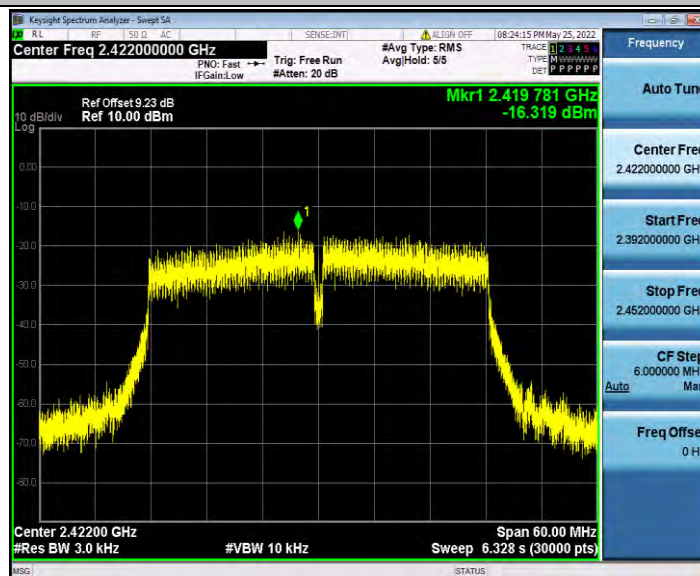
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



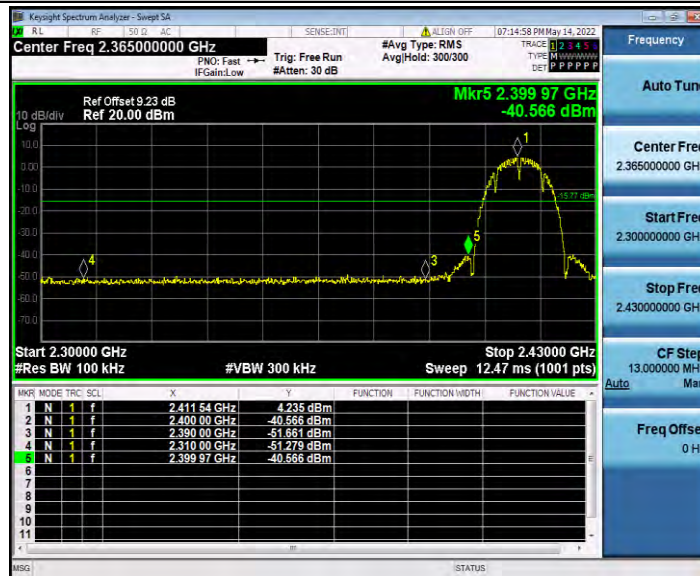
Appendix C.4: Band edge measurements

Test Result

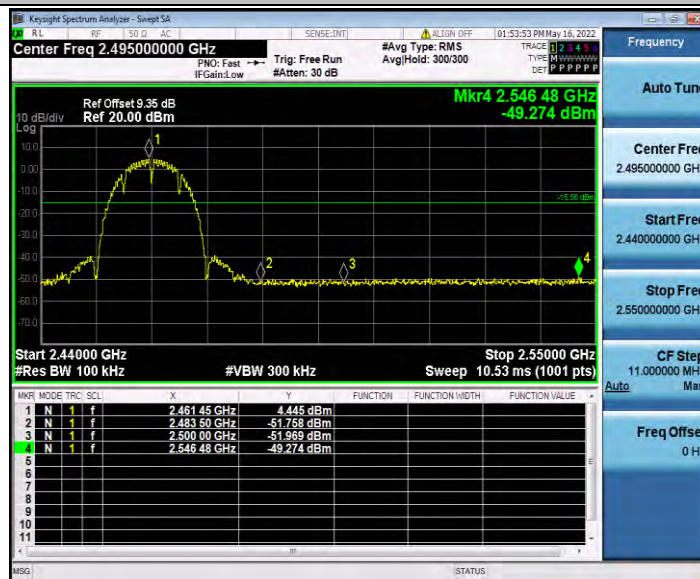
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.24	-40.57	≤-15.77	PASS
		High	2462	4.45	-49.27	≤-15.56	PASS
11G	Ant1	Low	2412	1.34	-31.71	≤-18.66	PASS
		High	2462	2.17	-41.4	≤-17.83	PASS
11N20SISO	Ant1	Low	2412	-3.82	-40.98	≤-23.82	PASS
		High	2462	-2.93	-49.29	≤-22.93	PASS
11N40SISO	Ant1	Low	2422	-4.51	-40.32	≤-24.51	PASS
		High	2452	-5.66	-48.8	≤-25.66	PASS

Test Graphs

11B_Ant1_Low_2412



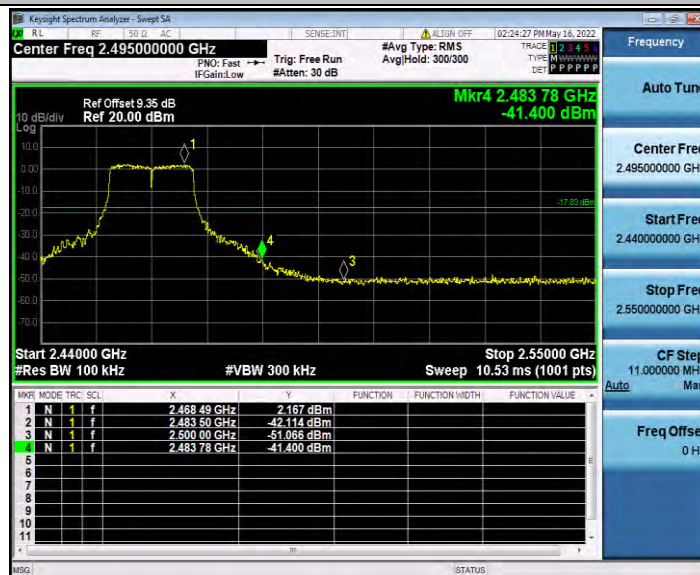
11B_Ant1_High_2462



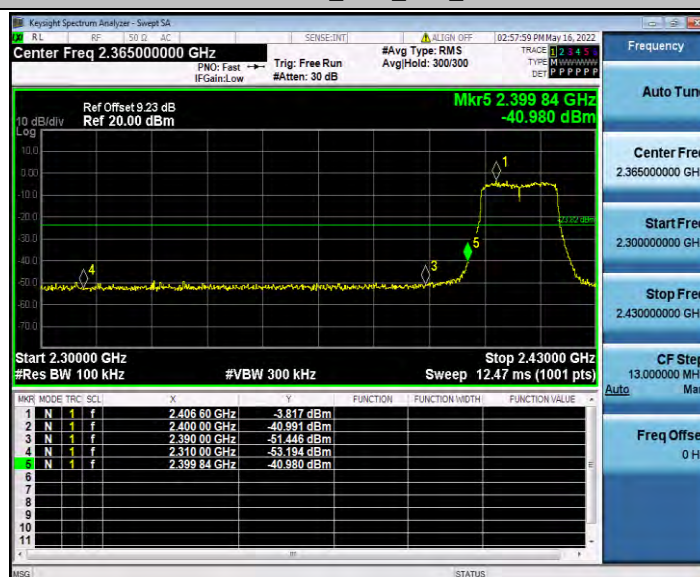
11G_Ant1_Low_2412



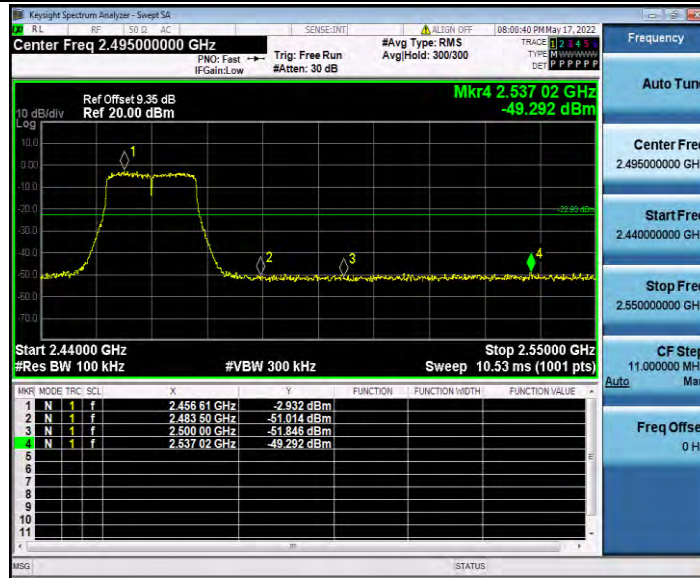
11G_Ant1_High_2462



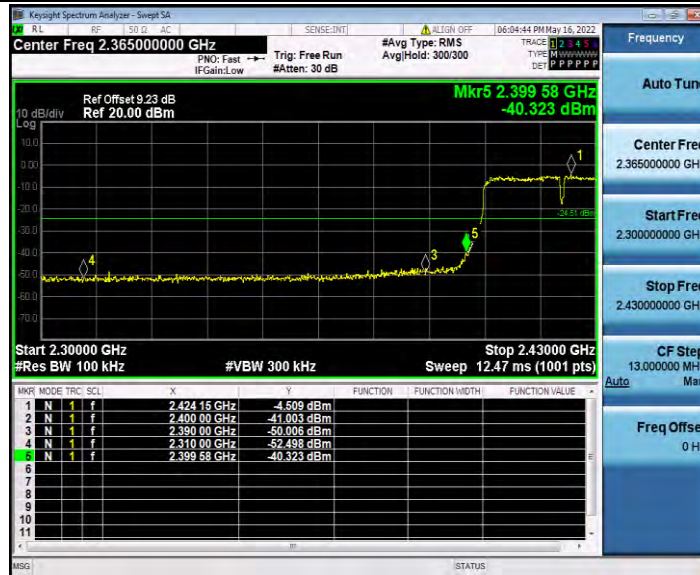
11N20SISO_Ant1_Low_2412



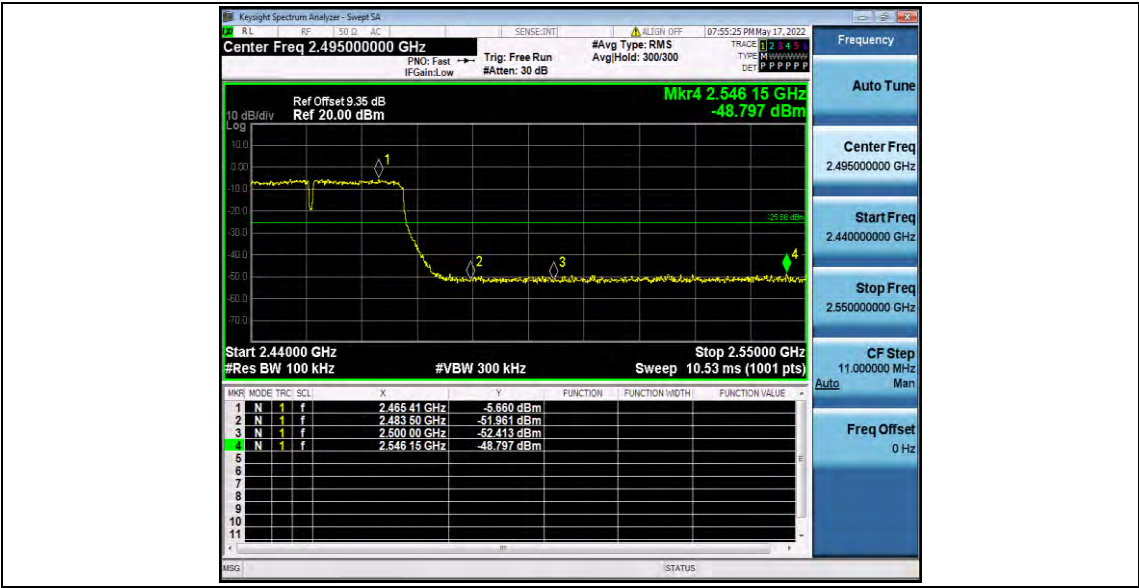
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.5: Conducted Spurious Emission

Test Result

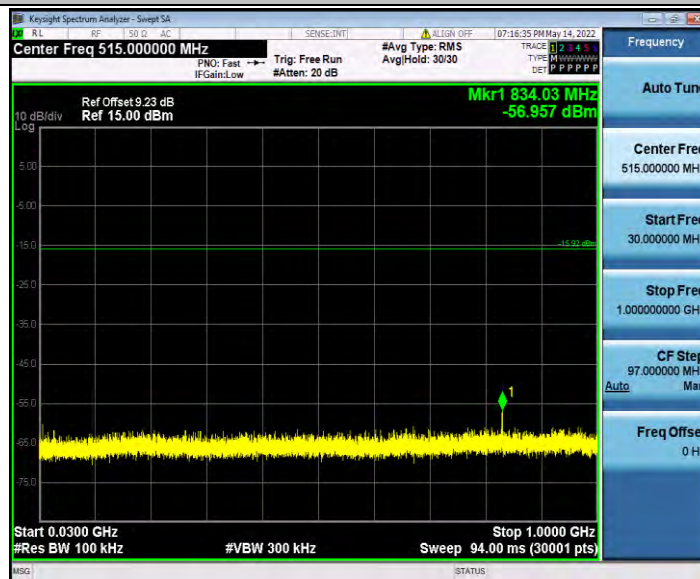
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.08	4.08	---	PASS
			30~1000	4.08	-56.96	≤ -15.92	PASS
			1000~26500	4.08	-47.97	≤ -15.92	PASS
		2437	Reference	-0.15	-0.15	---	PASS
			30~1000	-0.15	-59.9	≤ -20.15	PASS
			1000~26500	-0.15	-47.04	≤ -20.15	PASS
		2462	Reference	3.89	3.89	---	PASS
			30~1000	3.89	-59.9	≤ -16.11	PASS
			1000~26500	3.89	-47.8	≤ -16.11	PASS
11G	Ant1	2412	Reference	1.19	1.19	---	PASS
			30~1000	1.19	-59.93	≤ -18.81	PASS
			1000~26500	1.19	-47.91	≤ -18.81	PASS
		2437	Reference	0.84	0.84	---	PASS
			30~1000	0.84	-59.82	≤ -19.16	PASS
			1000~26500	0.84	-46.92	≤ -19.16	PASS
		2462	Reference	-4.14	-4.14	---	PASS
			30~1000	-4.14	-60.52	≤ -24.14	PASS
			1000~26500	-4.14	-47.72	≤ -24.14	PASS
11N20SISO	Ant1	2412	Reference	-4.86	-4.86	---	PASS
			30~1000	-4.86	-59.99	≤ -24.86	PASS
			1000~26500	-4.86	-47.34	≤ -24.86	PASS
		2437	Reference	1.92	1.92	---	PASS
			30~1000	1.92	-59.73	≤ -18.08	PASS
			1000~26500	1.92	-47.91	≤ -18.08	PASS
		2462	Reference	-3.33	-3.33	---	PASS
			30~1000	-3.33	-57.36	≤ -23.33	PASS
			1000~26500	-3.33	-47.94	≤ -23.33	PASS
11N40SISO	Ant1	2422	Reference	-7.14	-7.14	---	PASS
			30~1000	-7.14	-60.37	≤ -27.14	PASS
			1000~26500	-7.14	-47.91	≤ -27.14	PASS
		2437	Reference	-1.65	-1.65	---	PASS
			30~1000	-1.65	-60.19	≤ -21.65	PASS
			1000~26500	-1.65	-47.42	≤ -21.65	PASS
		2452	Reference	-6.10	-6.10	---	PASS
			30~1000	-6.10	-60.54	≤ -26.1	PASS
			1000~26500	-6.10	-47.66	≤ -26.1	PASS

Test Graphs

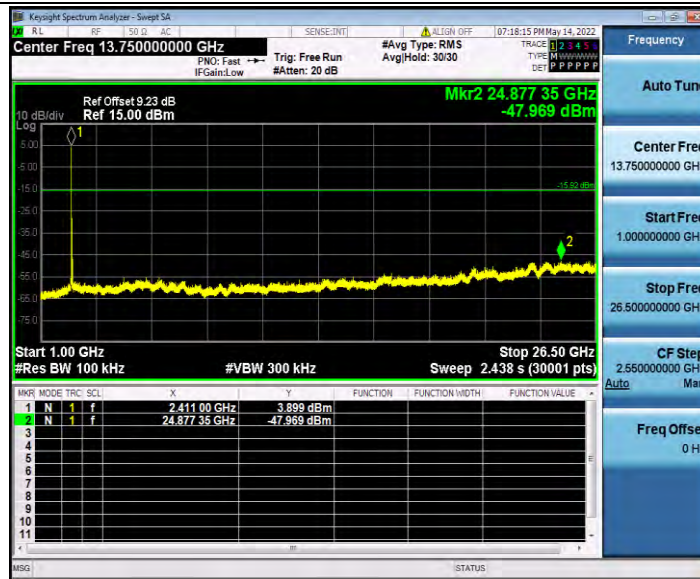
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



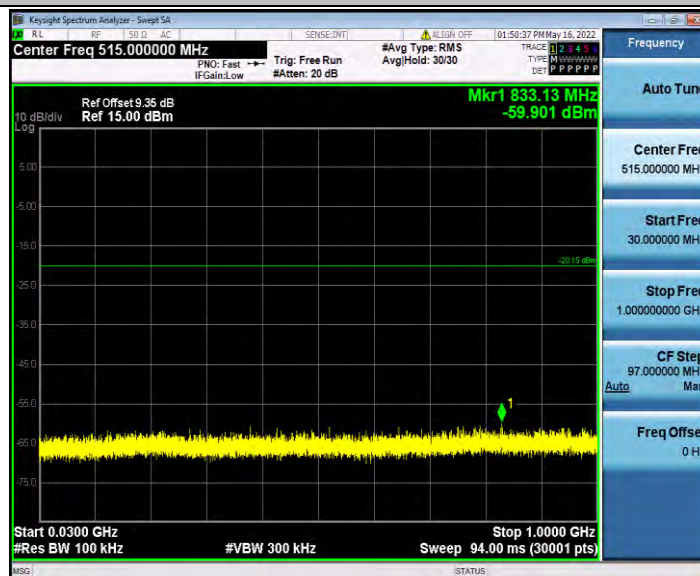
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



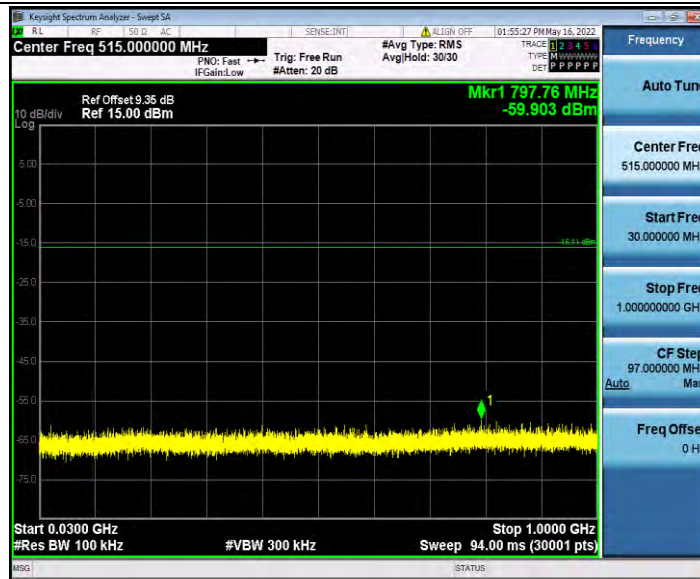
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



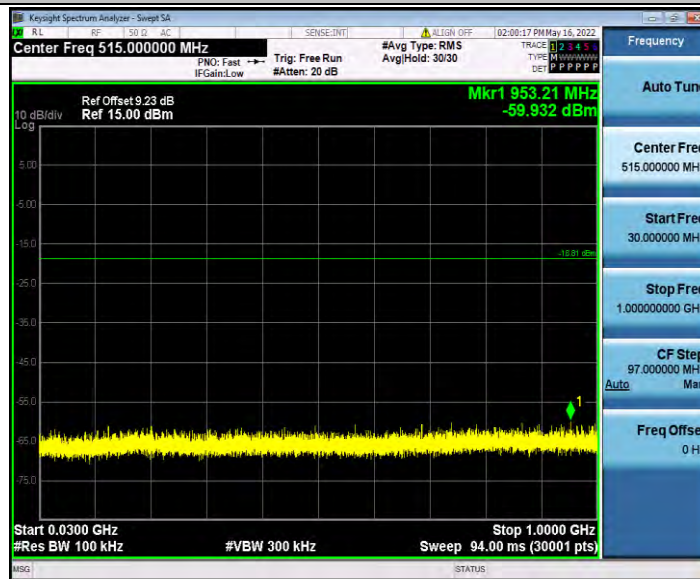
11B_Ant1_2462_1000~26500



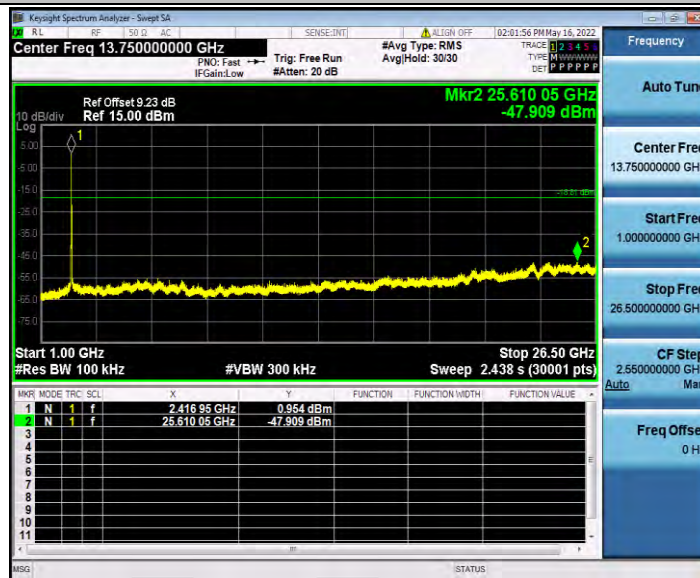
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



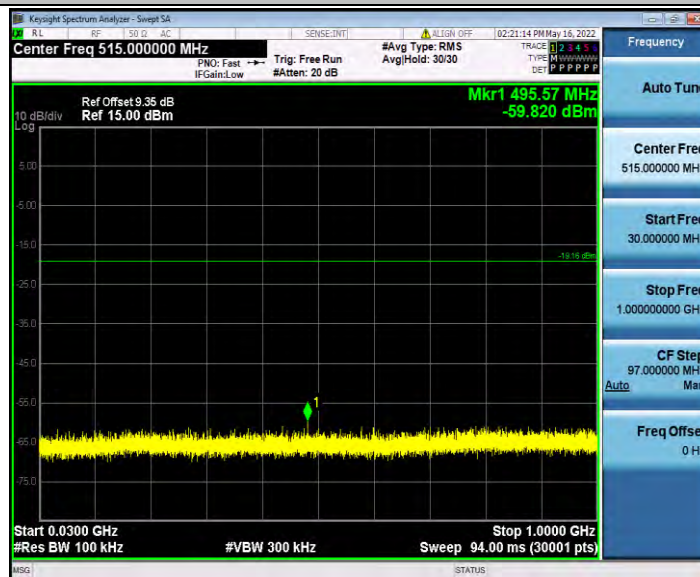
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



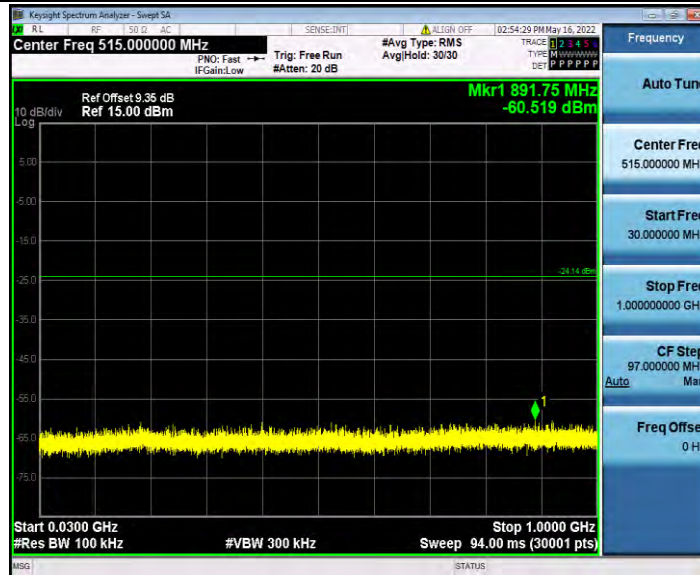
11G_Ant1_2437_1000~26500



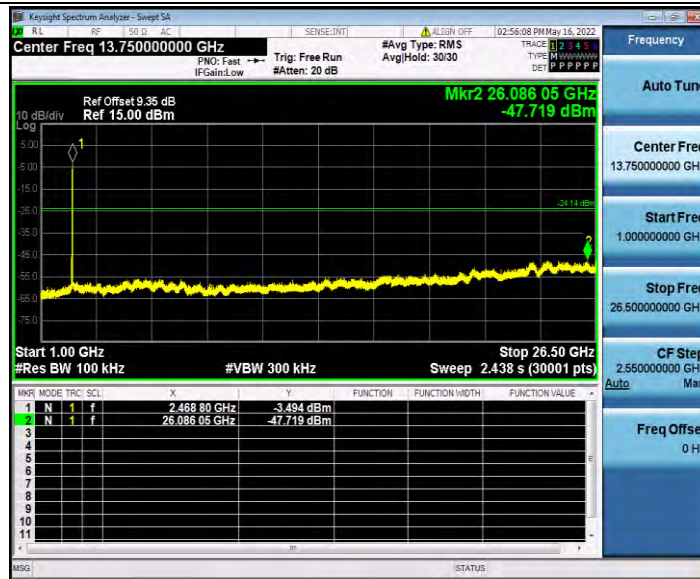
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



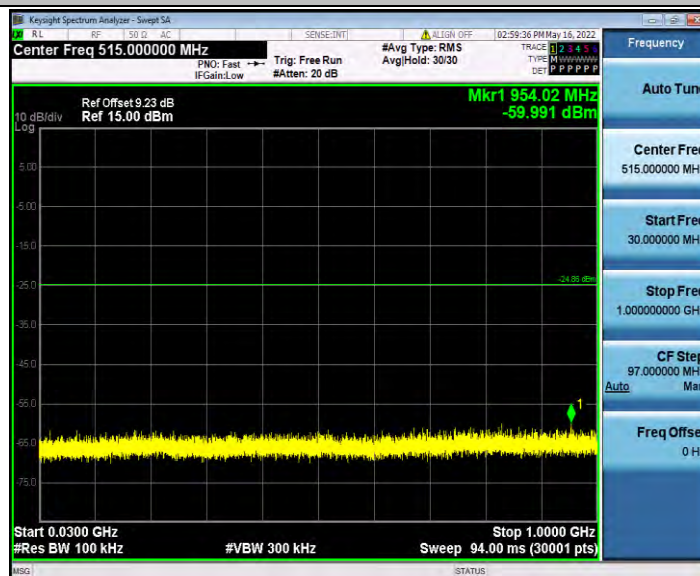
11G_Ant1_2462_1000~26500



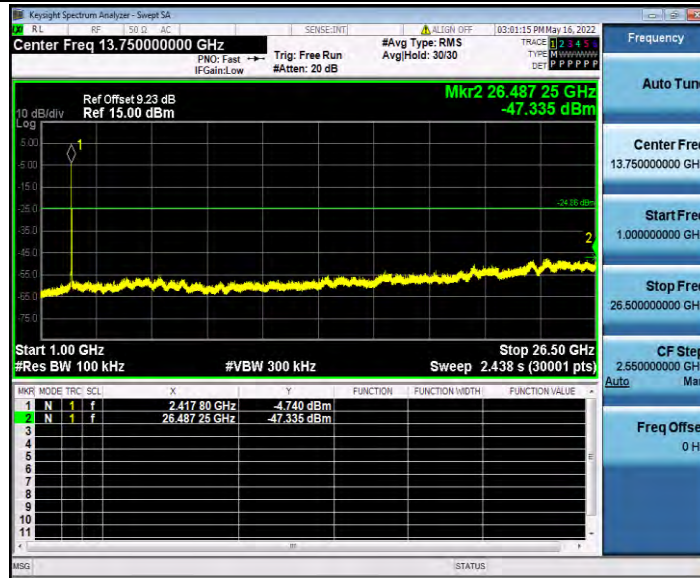
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



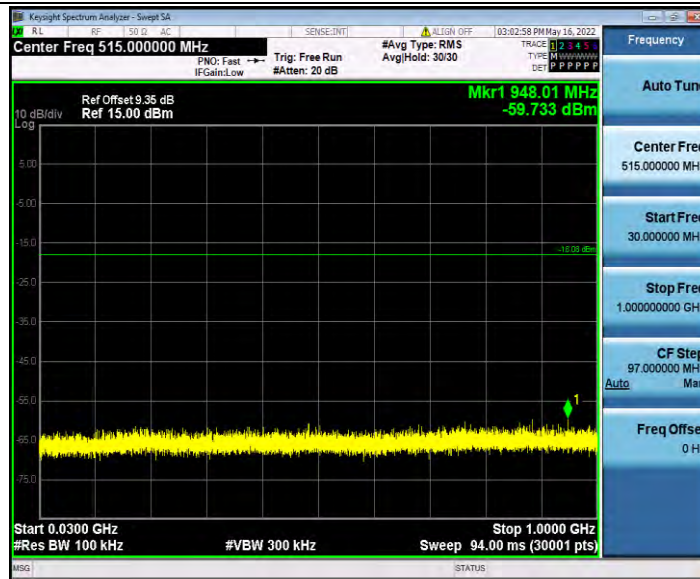
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



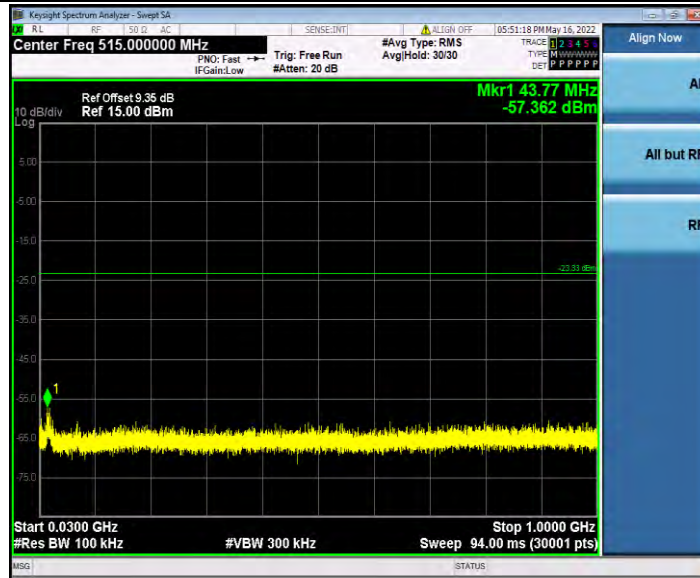
11N20SISO_Ant1_2437_1000~26500



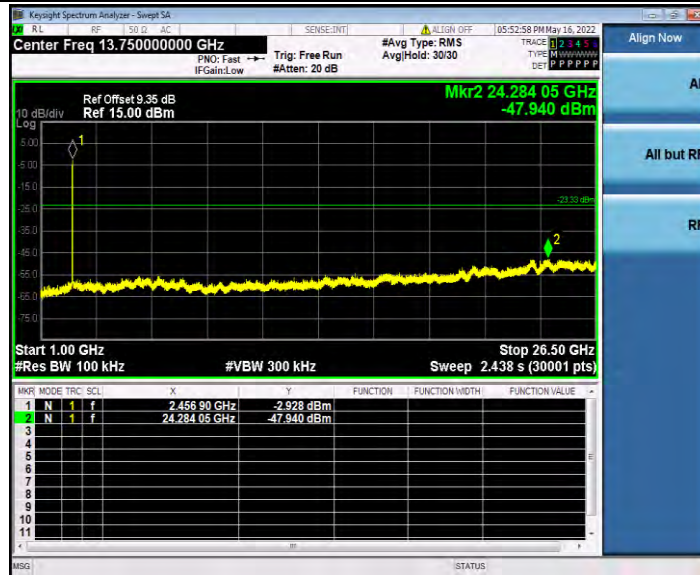
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



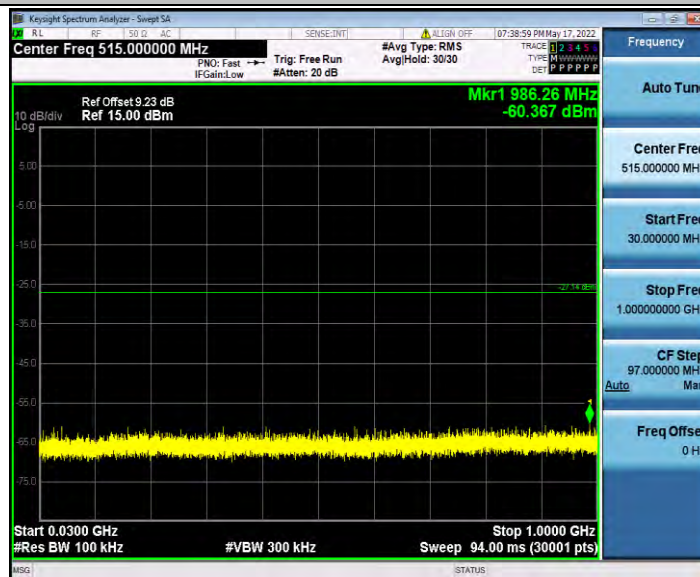
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



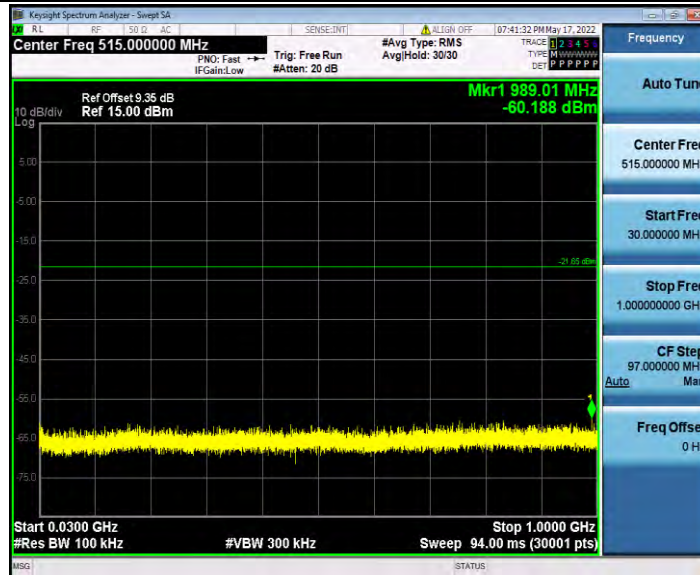
11N40SISO_Ant1_2422_1000~26500



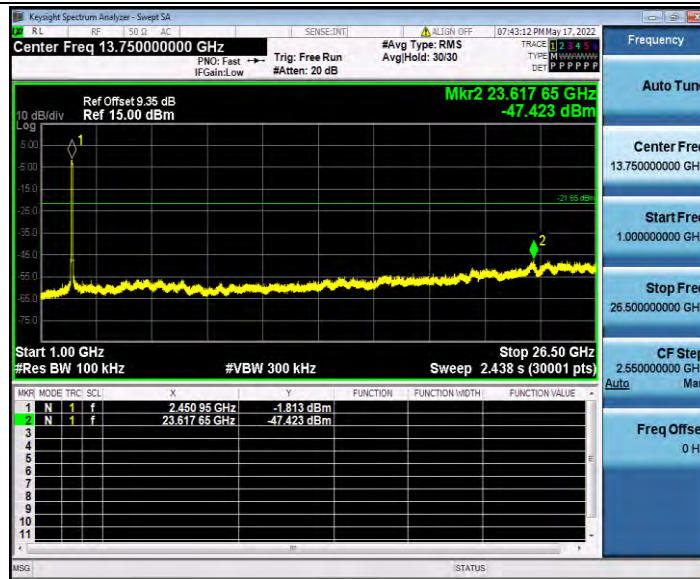
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



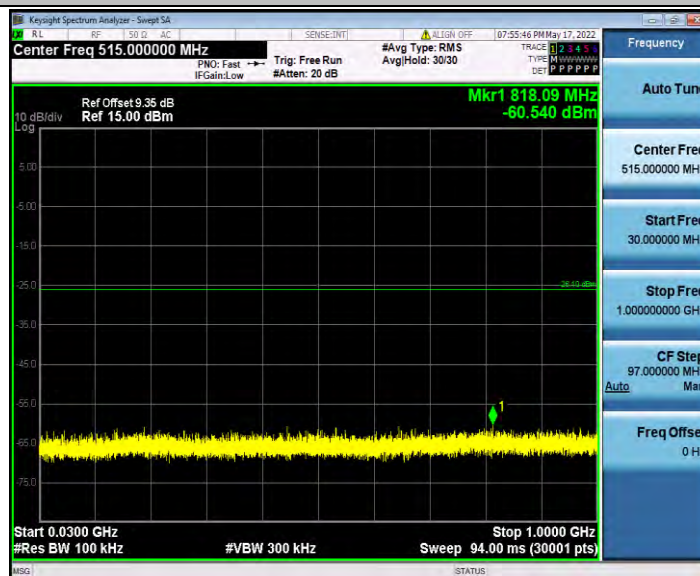
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

