

Case No. : GTS20220412018-1-2	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.5.17	Test Engineer: Jenny Zeng

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.080	2406.880	2417.960	0.5	PASS
		2437	10.080	2431.920	2442.000	0.5	PASS
		2462	11.040	2455.960	2467.000	0.5	PASS
11G	Ant1	2412	15.080	2404.400	2419.480	0.5	PASS
		2437	14.760	2429.480	2444.240	0.5	PASS
		2462	14.640	2454.840	2469.480	0.5	PASS
11N20SISO	Ant1	2412	10.040	2408.200	2418.240	0.5	PASS
		2437	10.080	2430.680	2440.760	0.5	PASS
		2462	12.520	2454.440	2466.960	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.400	2454.440	0.5	PASS
		2452	34.960	2434.480	2469.440	0.5	PASS

Test Graphs

11B_Ant1_2412



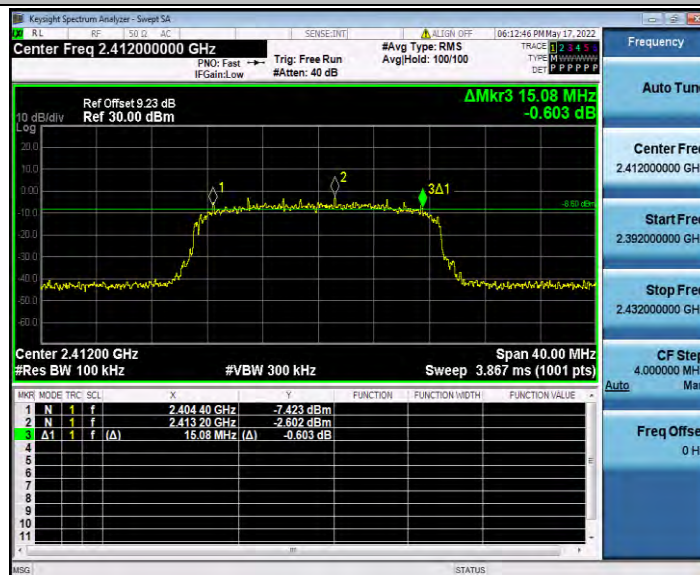
11B_Ant1_2437



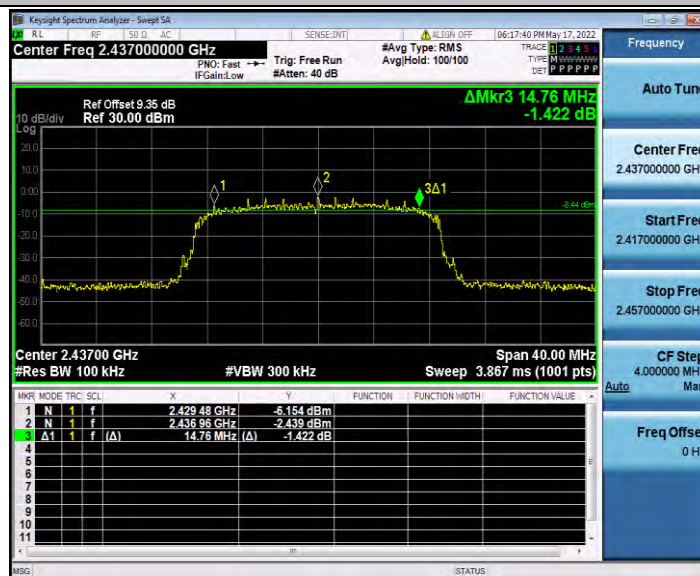
11B_Ant1_2462



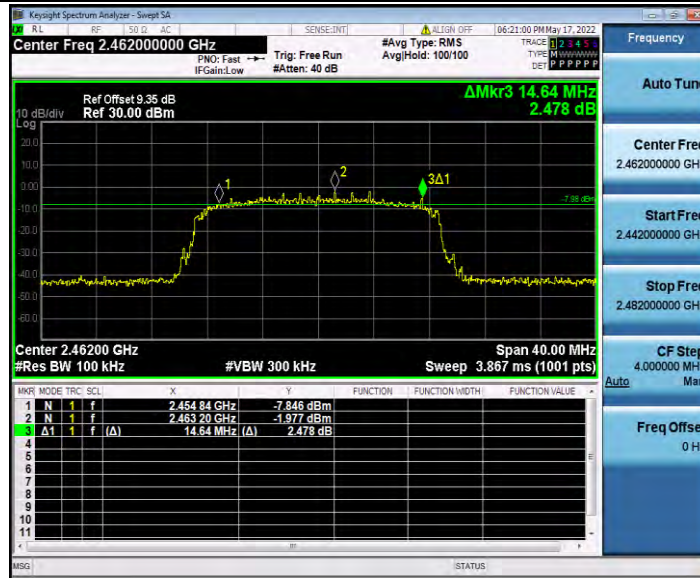
11G_Ant1_2412



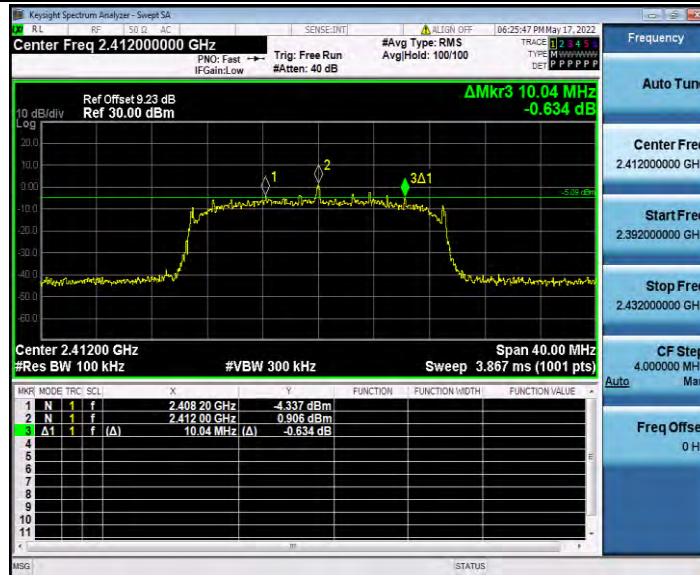
11G_Ant1_2437



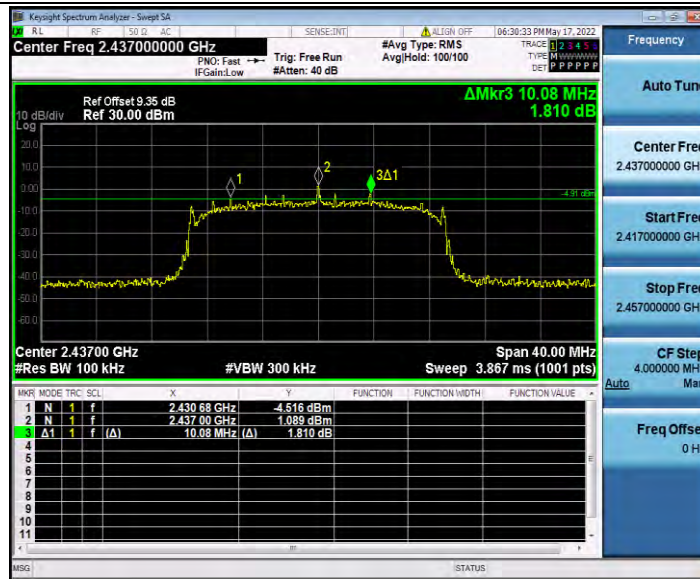
11G_Ant1_2462



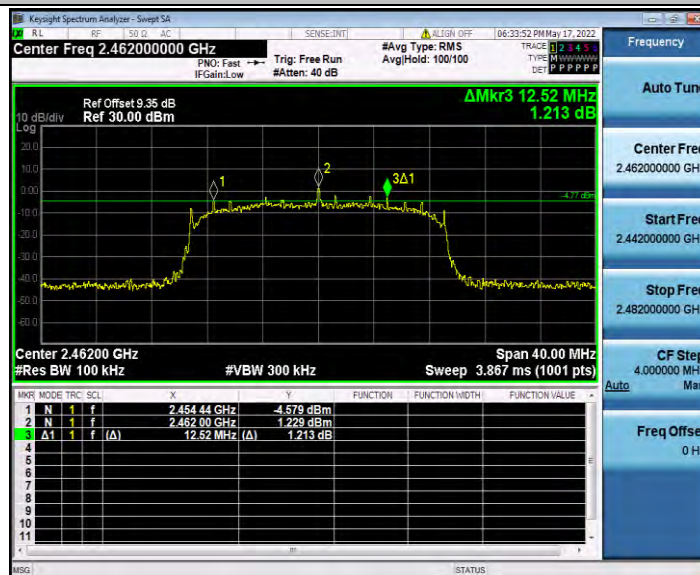
11N20SISO_Ant1_2412



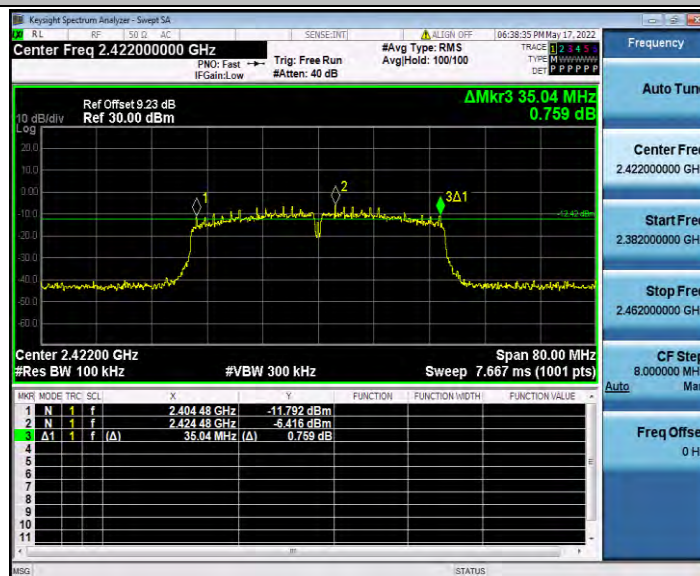
11N20SISO_Ant1_2437



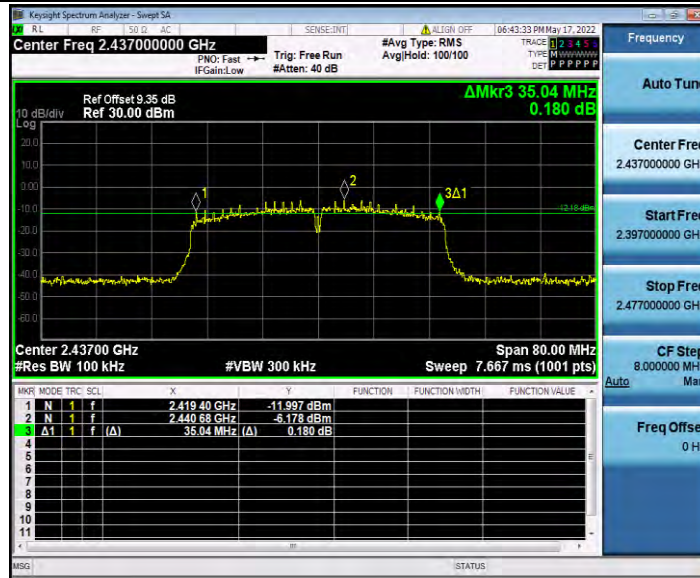
11N20SISO_Ant1_2462



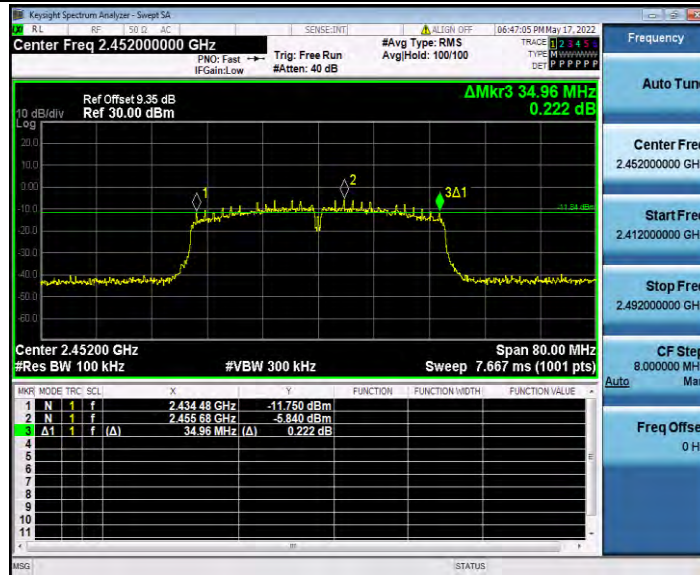
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.590	2404.212	2419.802	---	---
		2437	15.536	2429.187	2444.723	---	---
		2462	15.462	2454.121	2469.583	---	---
11G	Ant1	2412	17.290	2403.252	2420.542	---	---
		2437	16.937	2428.531	2445.468	---	---
		2462	17.221	2453.307	2470.528	---	---
11N20SISO	Ant1	2412	18.189	2402.807	2420.996	---	---
		2437	18.204	2427.866	2446.070	---	---
		2462	18.160	2452.896	2471.056	---	---
11N40SISO	Ant1	2422	35.728	2404.149	2439.877	---	---
		2437	35.708	2419.203	2454.911	---	---
		2452	35.525	2434.224	2469.749	---	---

Test Graphs

11B_Ant1_2412



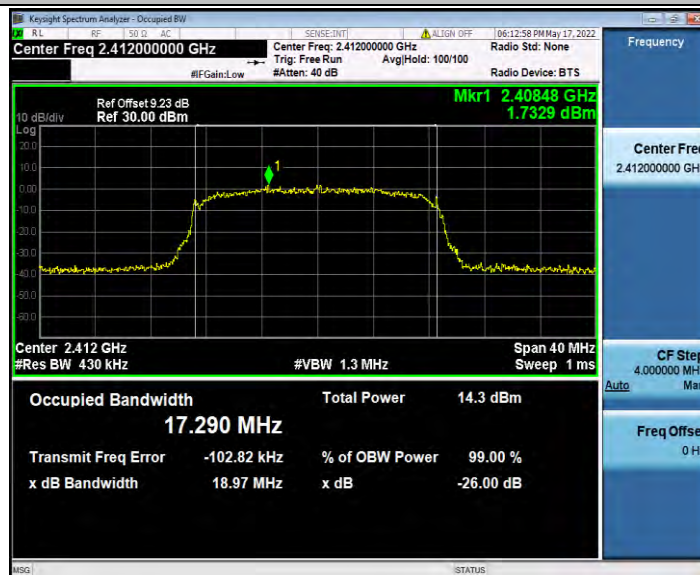
11B_Ant1_2437



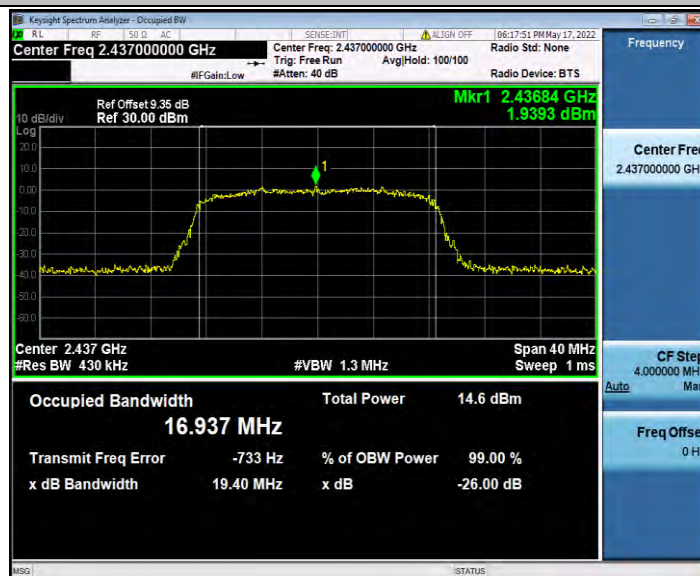
11B_Ant1_2462



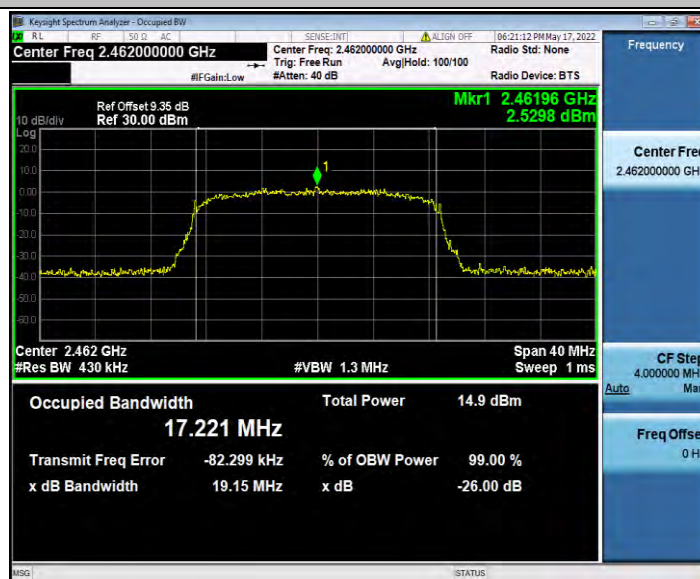
11G_Ant1_2412



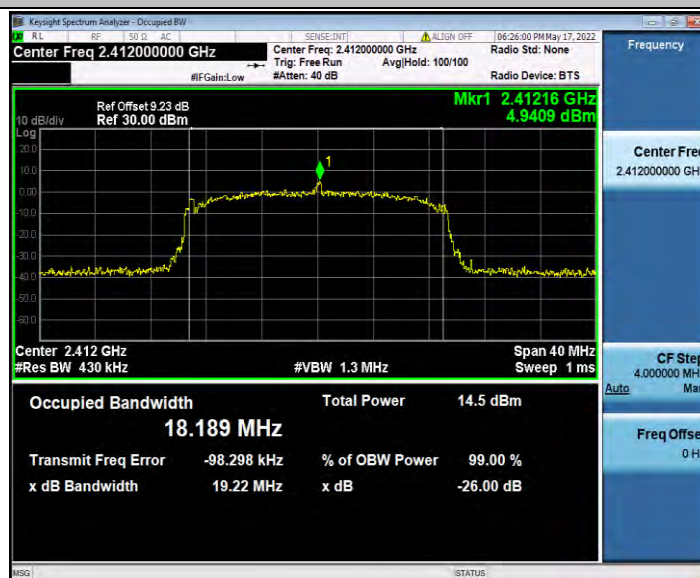
11G_Ant1_2437



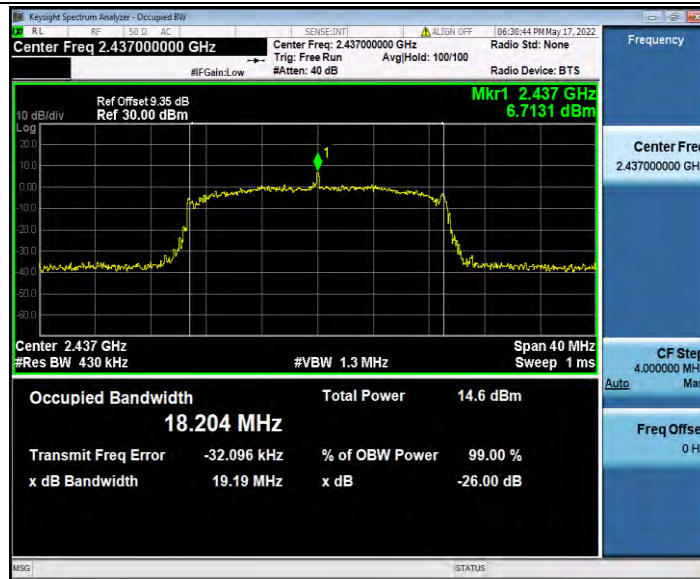
11G_Ant1_2462



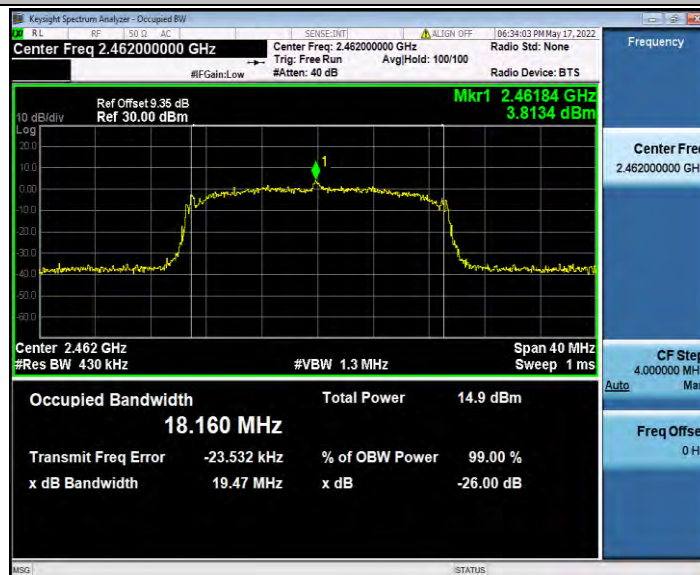
11N20SISO_Ant1_2412



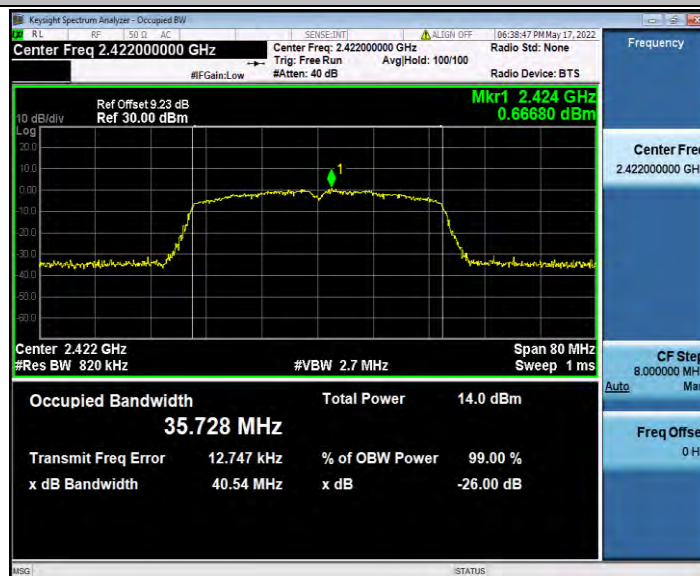
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



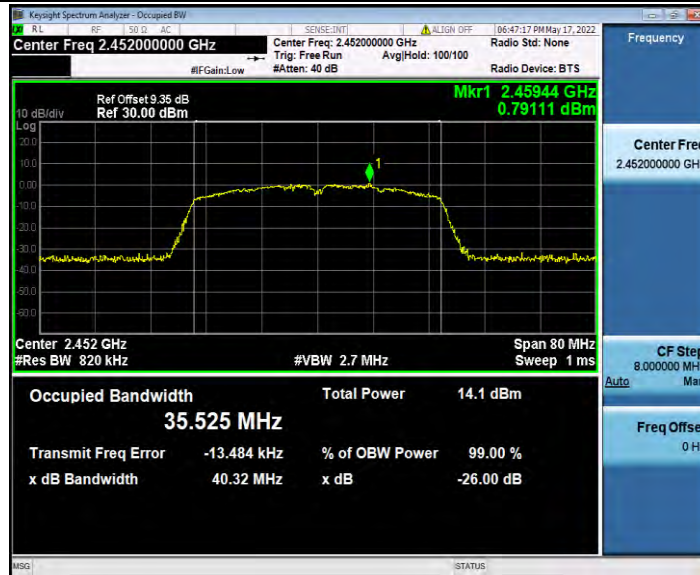
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.33	≤8.00	PASS
		2437	-4.51	≤8.00	PASS
		2462	-4.43	≤8.00	PASS
11G	Ant1	2412	-16.68	≤8.00	PASS
		2437	-16.33	≤8.00	PASS
		2462	-15.86	≤8.00	PASS
11N20SISO	Ant1	2412	-16.46	≤8.00	PASS
		2437	-15.05	≤8.00	PASS
		2462	-14.83	≤8.00	PASS
11N40SISO	Ant1	2422	-16.71	≤8.00	PASS
		2437	-17.21	≤8.00	PASS
		2452	-16.96	≤8.00	PASS

Test Graphs

11B_Ant1_2412



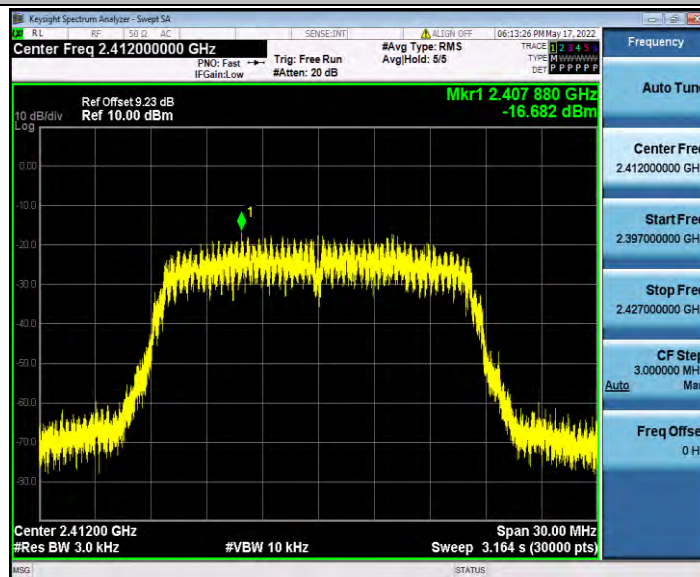
11B_Ant1_2437



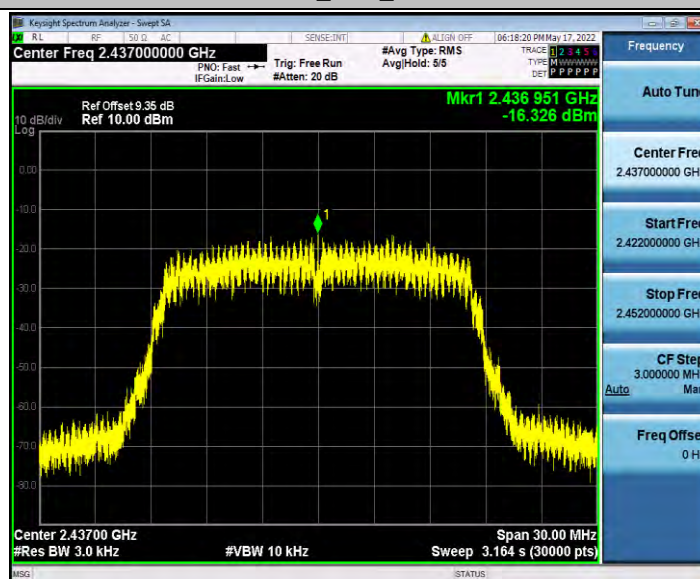
11B_Ant1_2462



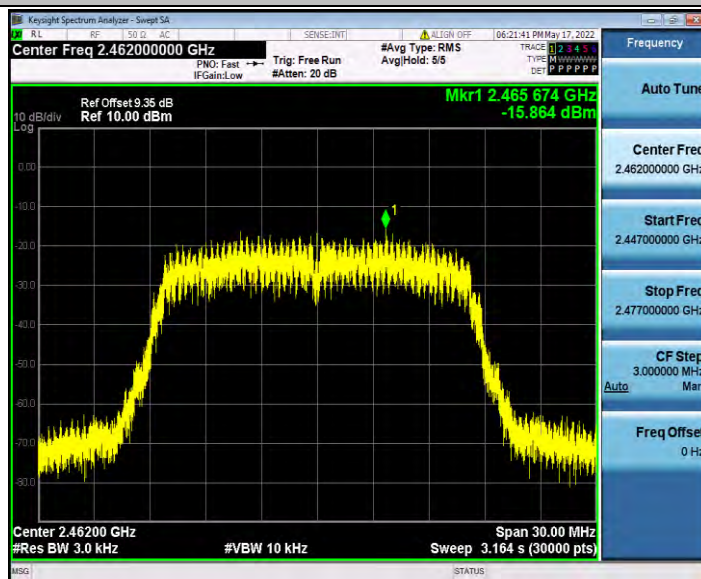
11G_Ant1_2412



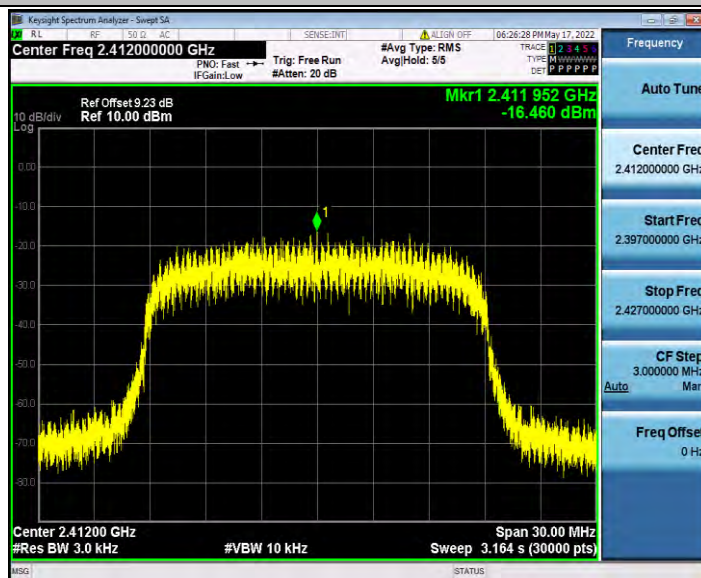
11G_Ant1_2437



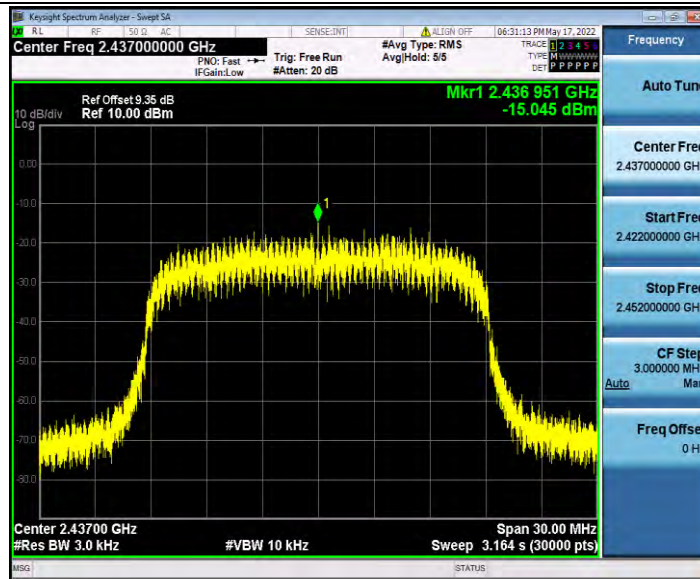
11G_Ant1_2462



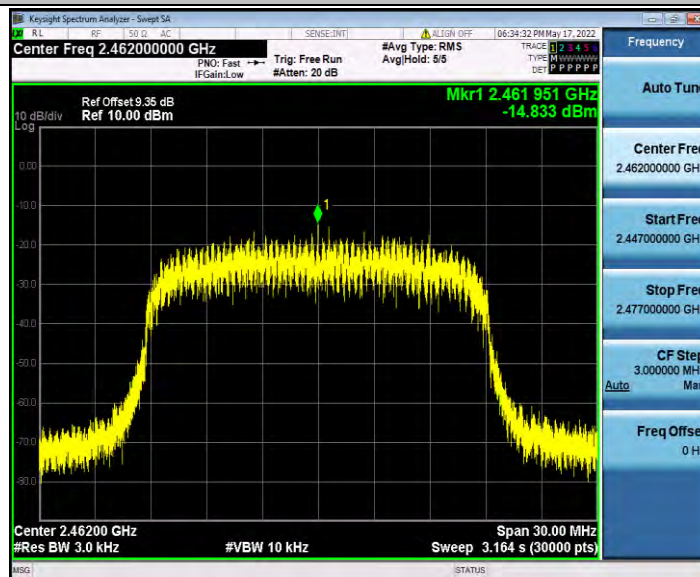
11N20SISO_Ant1_2412



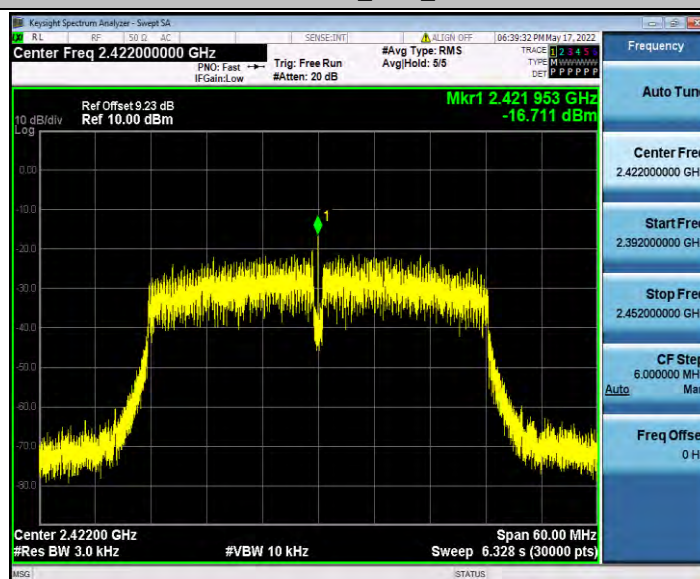
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



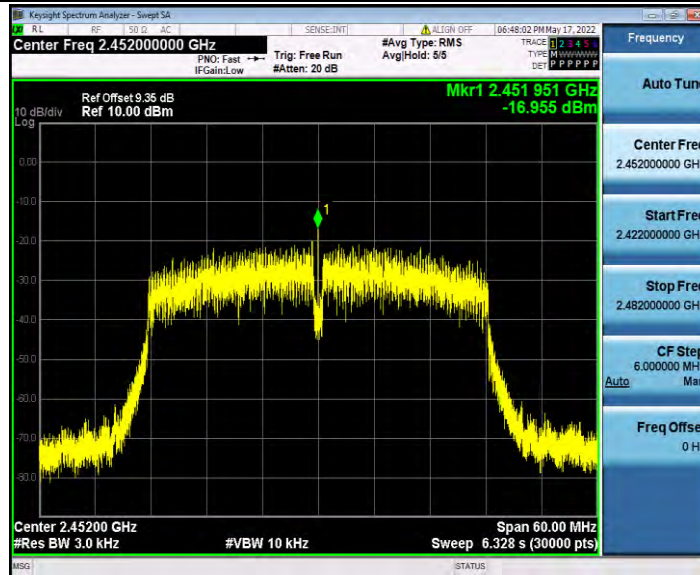
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix A.4: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.16	-19.11	≤ -10.85	PASS
		High	2462	9.83	-43.18	≤ -10.17	PASS
11G	Ant1	Low	2412	-2.74	-45.29	≤ -22.74	PASS
		High	2462	-2.07	-49.08	≤ -22.07	PASS
11N20SISO	Ant1	Low	2412	0.78	-44.78	≤ -19.22	PASS
		High	2462	1.00	-47.85	≤ -19	PASS
11N40SISO	Ant1	Low	2422	-6.21	-46.25	≤ -26.21	PASS
		High	2452	-5.91	-48.86	≤ -25.91	PASS

Test Graphs

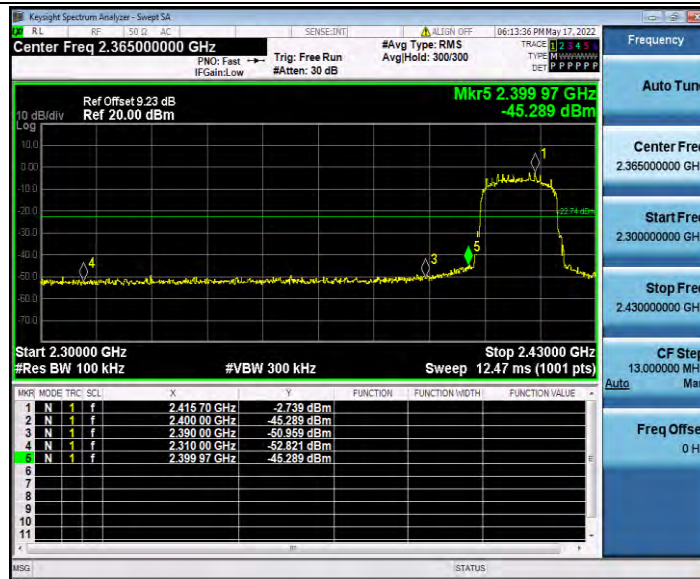
11B_Ant1_Low_2412



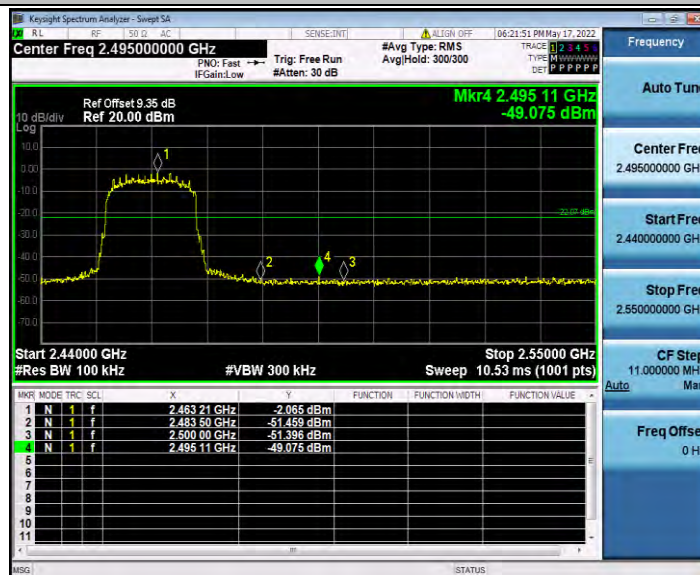
11B_Ant1_High_2462



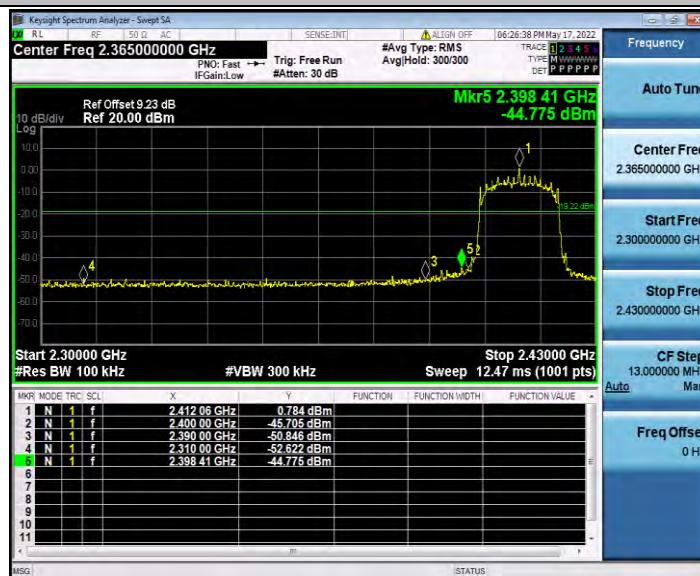
11G_Ant1_Low_2412



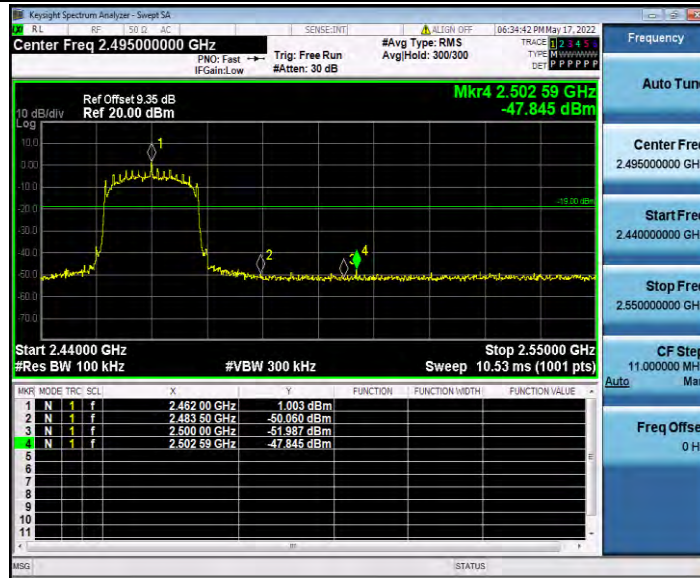
11G_Ant1_High_2462



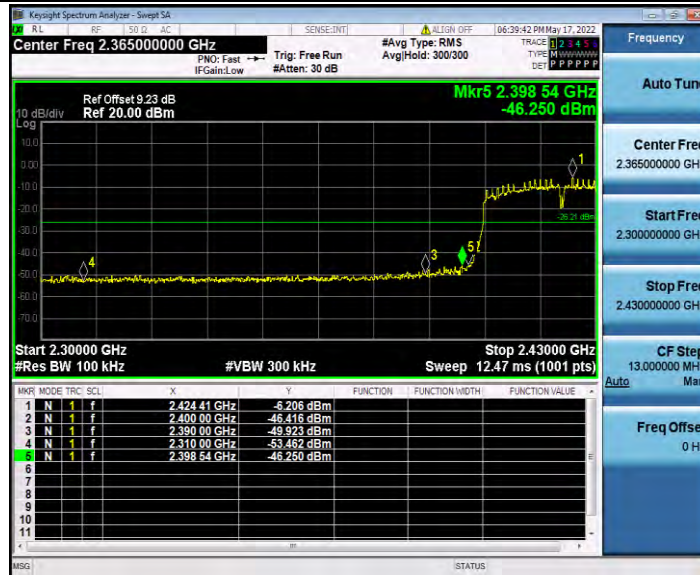
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix A.5: Conducted Spurious Emission

Test Result

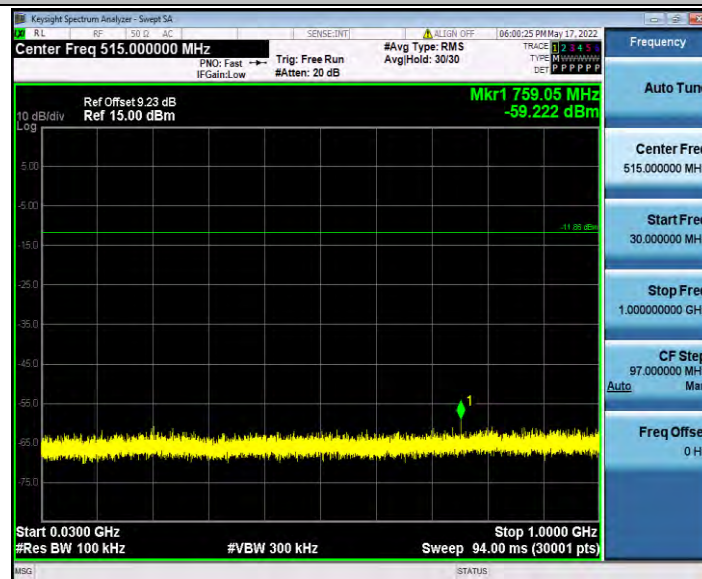
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.14	8.14	---	PASS
			30~1000	8.14	-59.22	≤ -11.86	PASS
			1000~26500	8.14	-47.25	≤ -11.86	PASS
		2437	Reference	8.03	8.03	---	PASS
			30~1000	8.03	-60.59	≤ -11.97	PASS
			1000~26500	8.03	-47.35	≤ -11.97	PASS
		2462	Reference	8.49	8.49	---	PASS
			30~1000	8.49	-59.92	≤ -11.51	PASS
			1000~26500	8.49	-47.4	≤ -11.51	PASS
11G	Ant1	2412	Reference	-3.78	-3.78	---	PASS
			30~1000	-3.78	-60.61	≤ -23.78	PASS
			1000~26500	-3.78	-47.42	≤ -23.78	PASS
		2437	Reference	-4.03	-4.03	---	PASS
			30~1000	-4.03	-60.69	≤ -24.03	PASS
			1000~26500	-4.03	-47.47	≤ -24.03	PASS
		2462	Reference	-2.68	-2.68	---	PASS
			30~1000	-2.68	-60.72	≤ -22.68	PASS
			1000~26500	-2.68	-46.99	≤ -22.68	PASS
11N20SISO	Ant1	2412	Reference	-3.47	-3.47	---	PASS
			30~1000	-3.47	-60.45	≤ -23.47	PASS
			1000~26500	-3.47	-46.57	≤ -23.47	PASS
		2437	Reference	-1.69	-1.69	---	PASS
			30~1000	-1.69	-60.99	≤ -21.69	PASS
			1000~26500	-1.69	-47.96	≤ -21.69	PASS
		2462	Reference	-1.87	-1.87	---	PASS
			30~1000	-1.87	-60.98	≤ -21.87	PASS
			1000~26500	-1.87	-47.68	≤ -21.87	PASS
11N40SISO	Ant1	2422	Reference	-8.12	-8.12	---	PASS
			30~1000	-8.12	-60.86	≤ -28.12	PASS
			1000~26500	-8.12	-47.19	≤ -28.12	PASS
		2437	Reference	-7.03	-7.03	---	PASS
			30~1000	-7.03	-59.44	≤ -27.03	PASS
			1000~26500	-7.03	-47.77	≤ -27.03	PASS
		2452	Reference	-7.07	-7.07	---	PASS
			30~1000	-7.07	-49.4	≤ -27.07	PASS
			1000~26500	-7.07	-46.92	≤ -27.07	PASS

Test Graphs

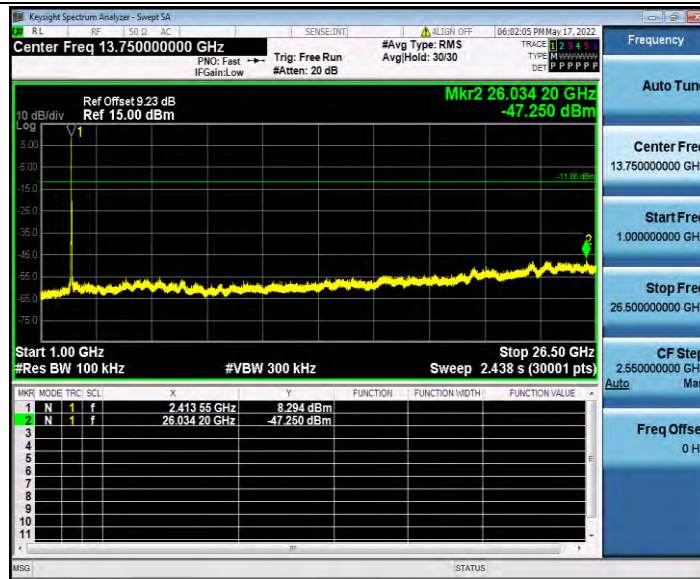
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



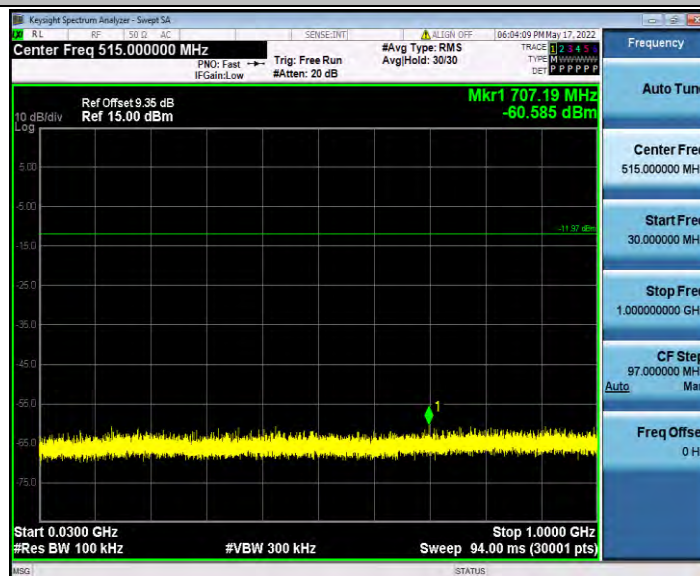
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



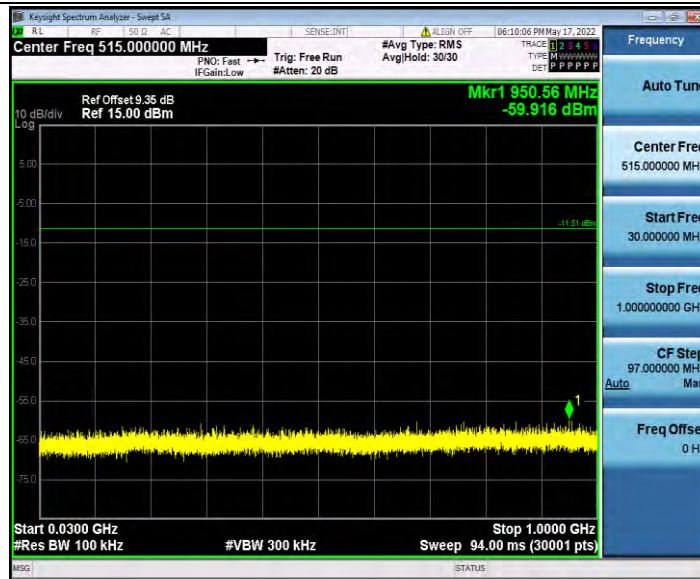
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



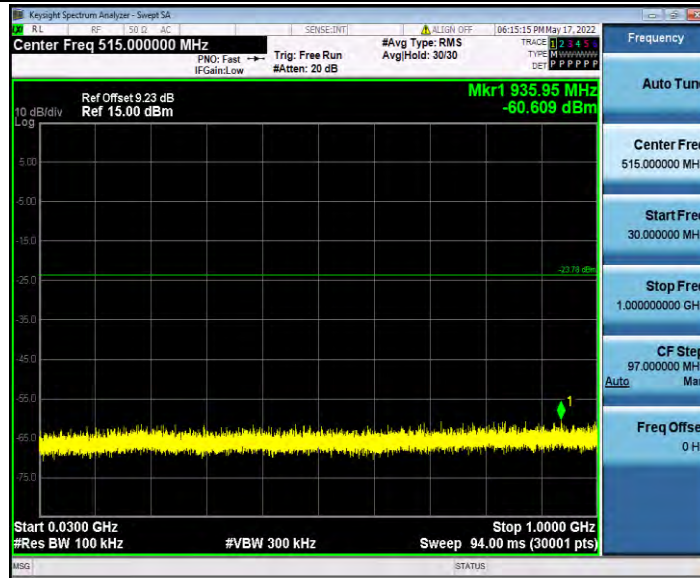
11B_Ant1_2462_1000~26500



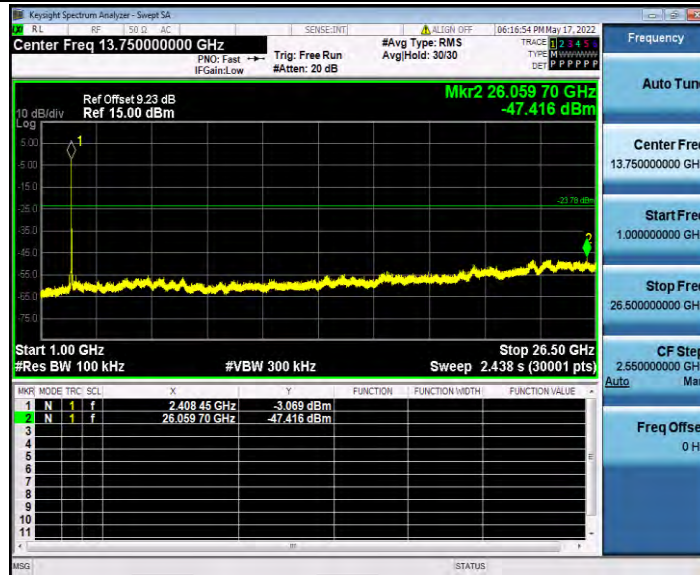
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



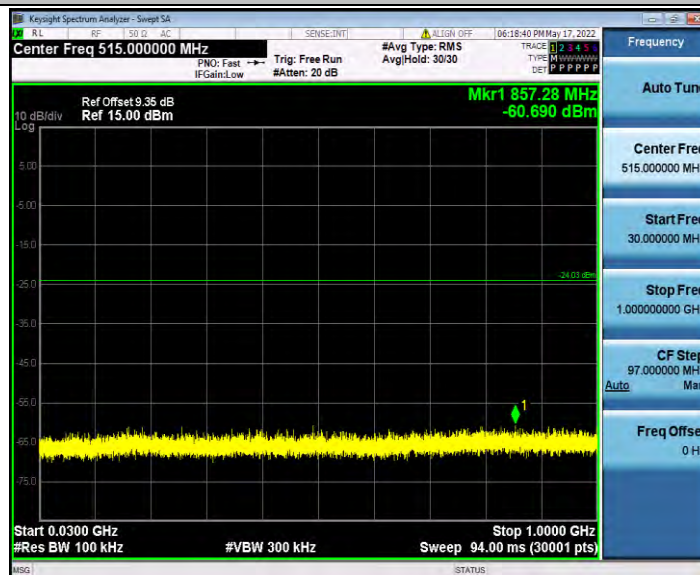
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



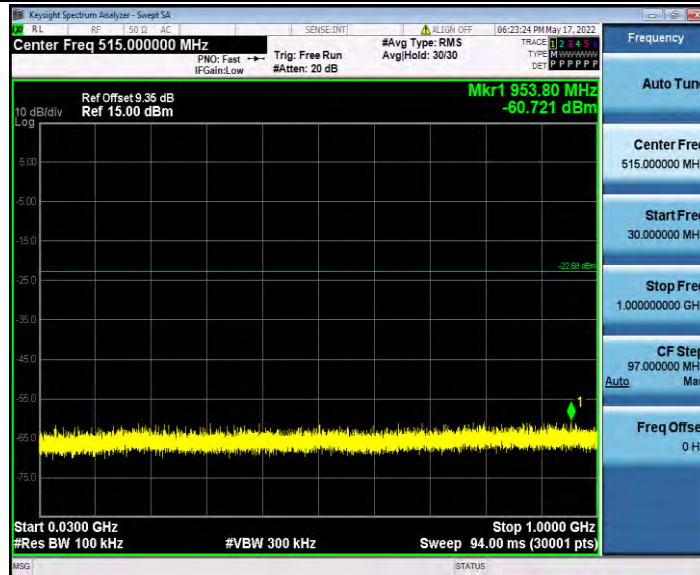
11G_Ant1_2437_1000~26500



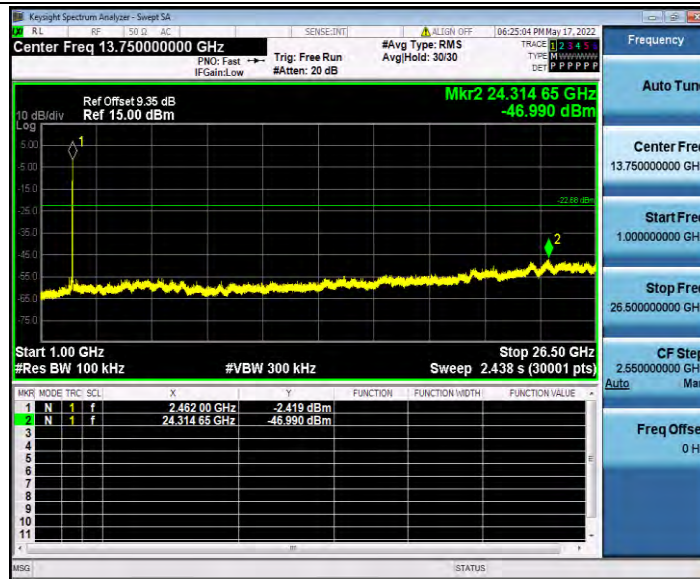
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



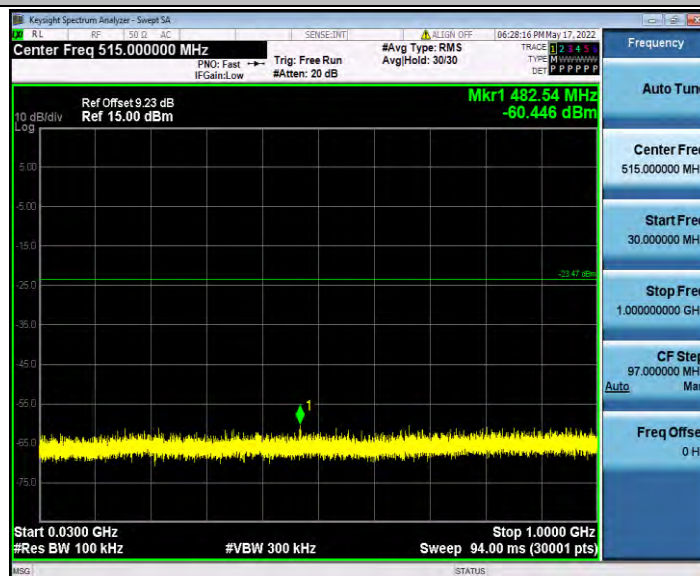
11G_Ant1_2462_1000~26500



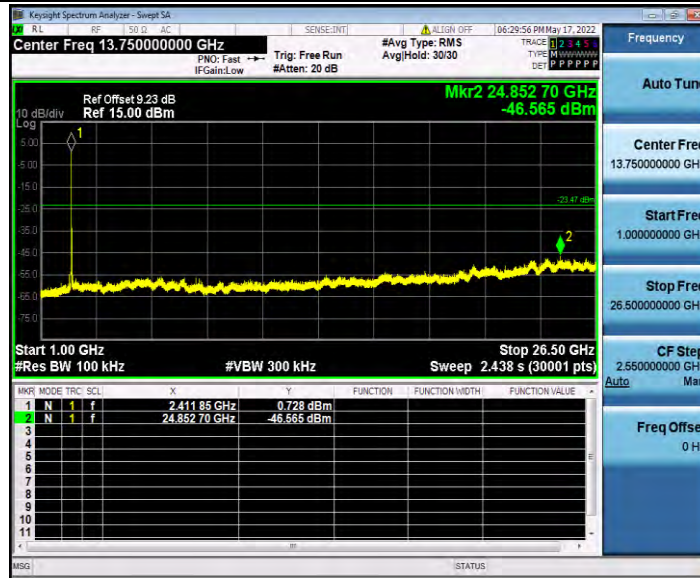
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



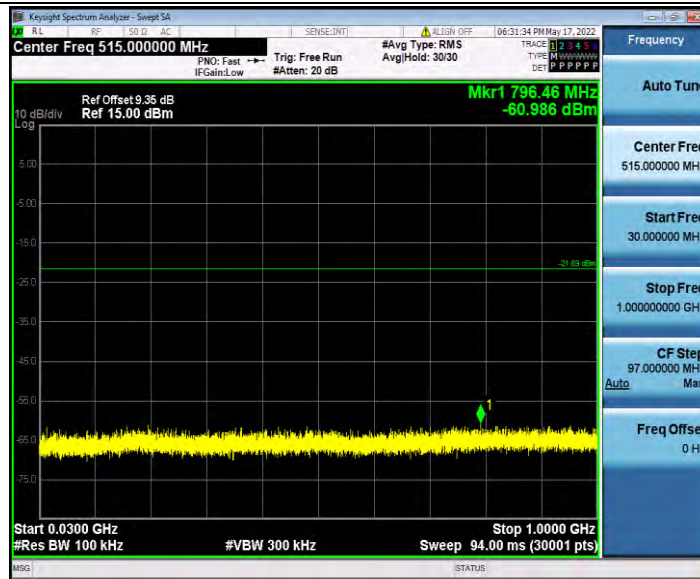
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



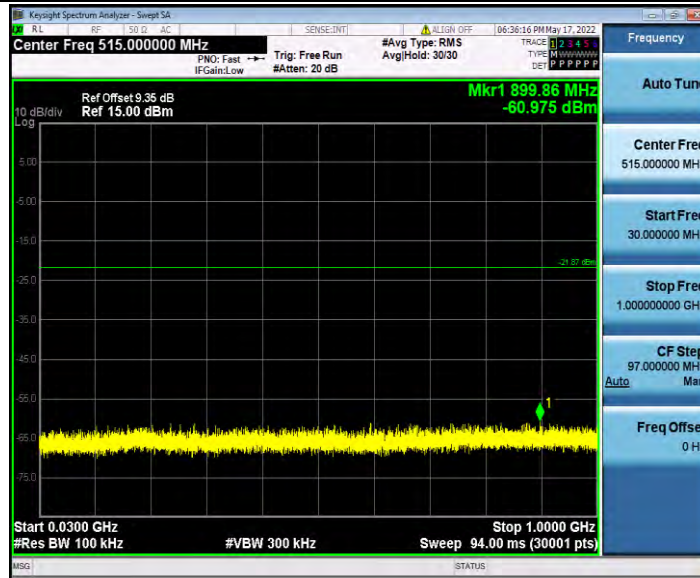
11N20SISO_Ant1_2437_1000~26500



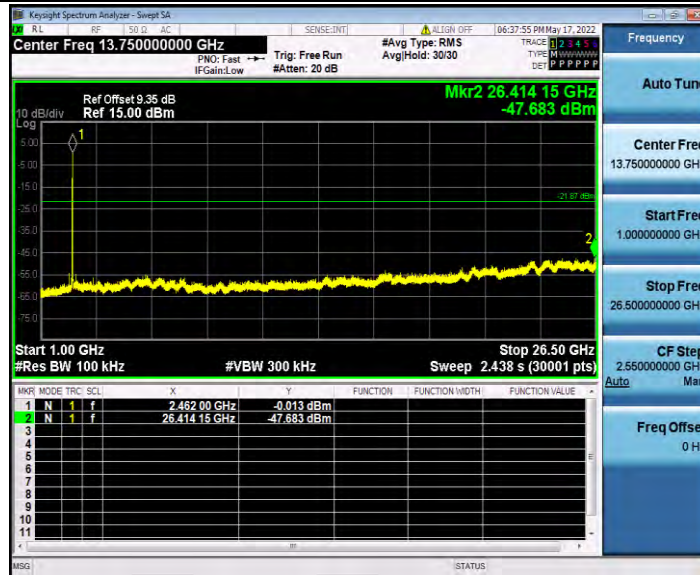
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



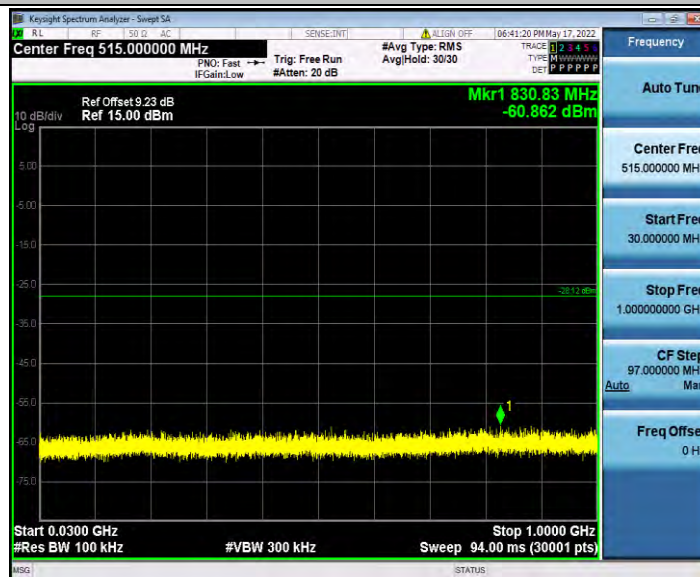
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



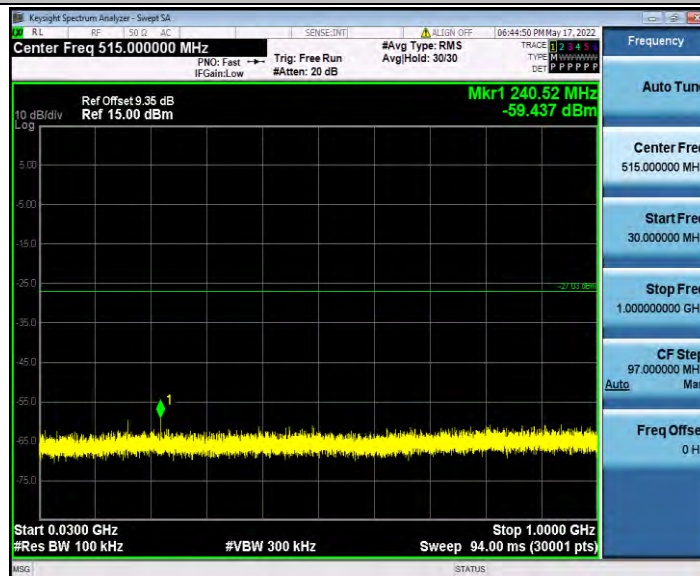
11N40SISO_Ant1_2422_1000~26500



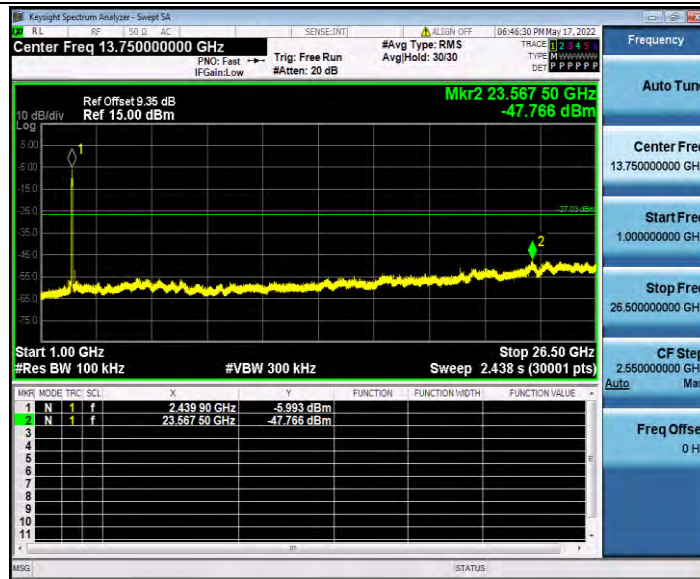
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



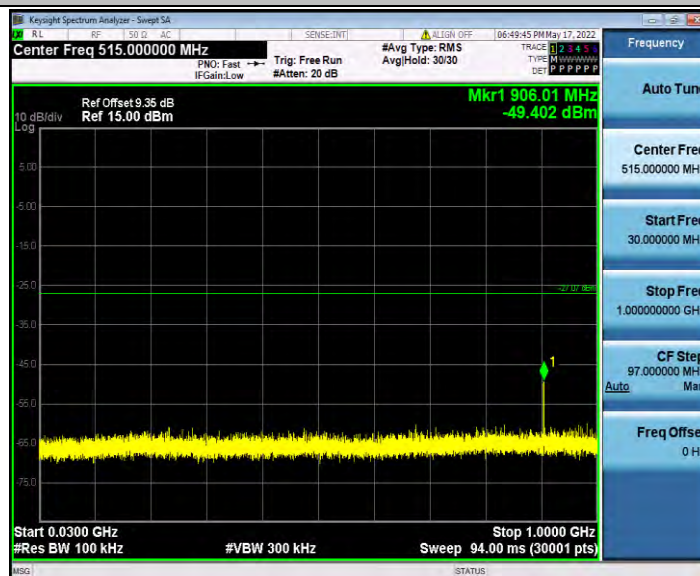
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

