

Case No. : GTS20220630010-1-3	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.7.11	Test Engineer: Jenny zeng

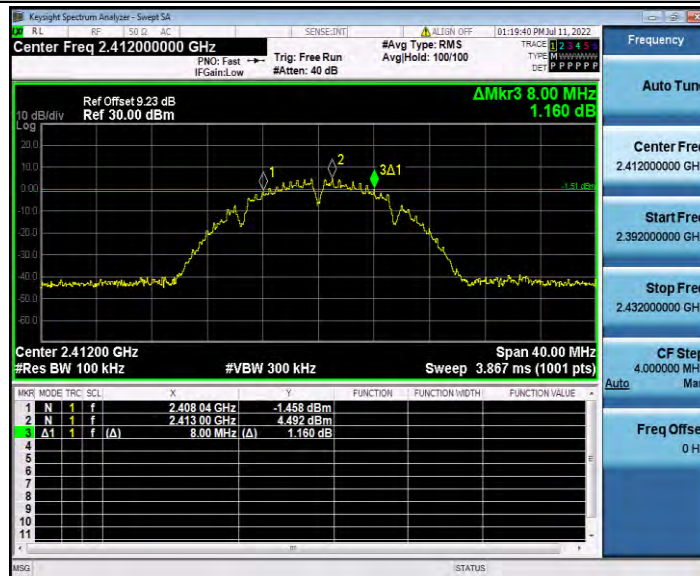
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.000	2408.040	2416.040	0.5	PASS
		2437	7.560	2433.480	2441.040	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	15.400	2404.480	2419.880	0.5	PASS
		2437	14.800	2430.120	2444.920	0.5	PASS
		2462	15.080	2454.440	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.280	2404.480	2419.760	0.5	PASS
		2437	14.440	2430.120	2444.560	0.5	PASS
		2462	15.960	2454.440	2470.400	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	33.840	2435.680	2469.520	0.5	PASS

Test Graphs

11B_Ant1_2412



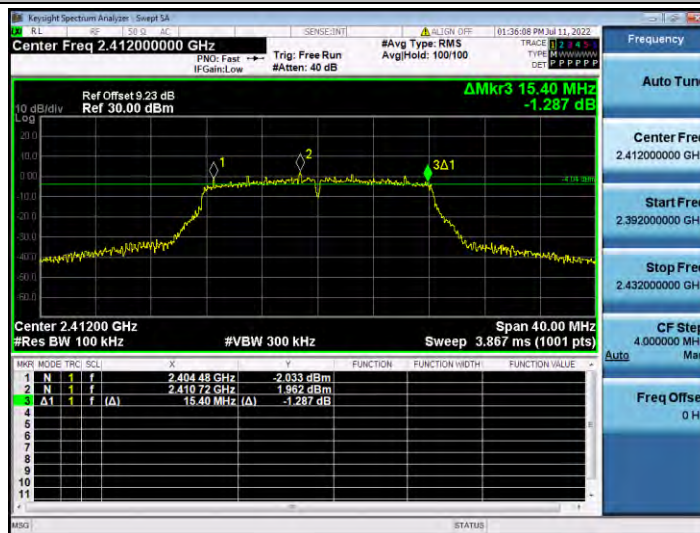
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



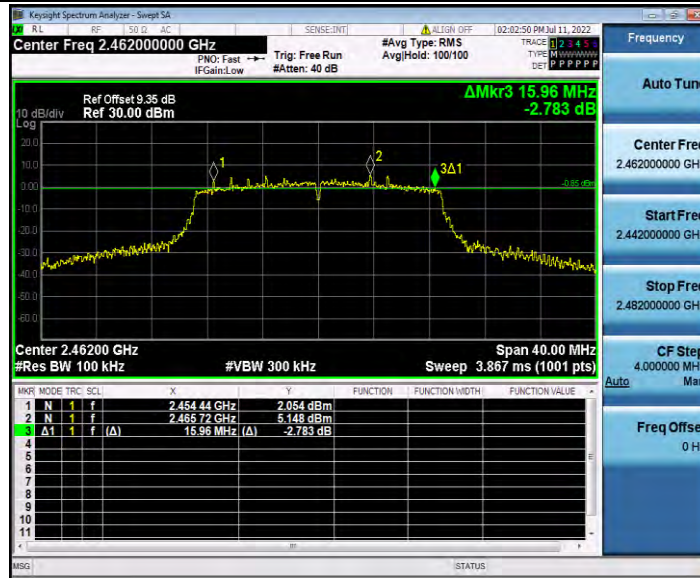
11N20SISO_Ant1_2412



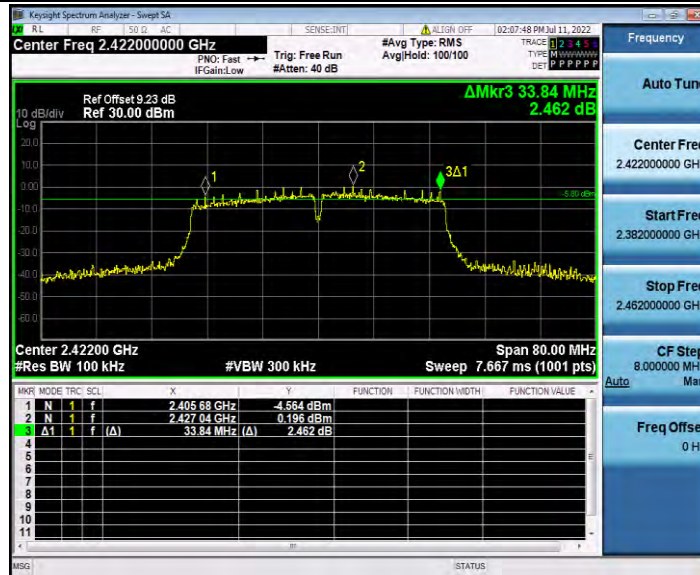
11N20SISO_Ant1_2437



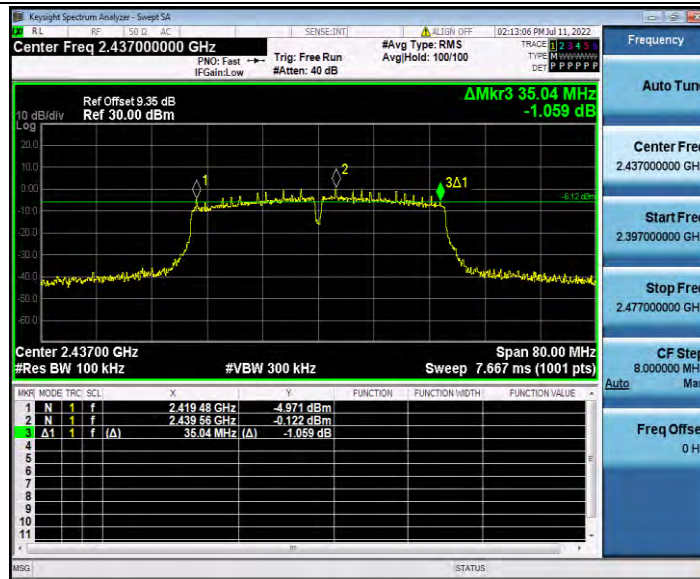
11N20SISO_Ant1_2462



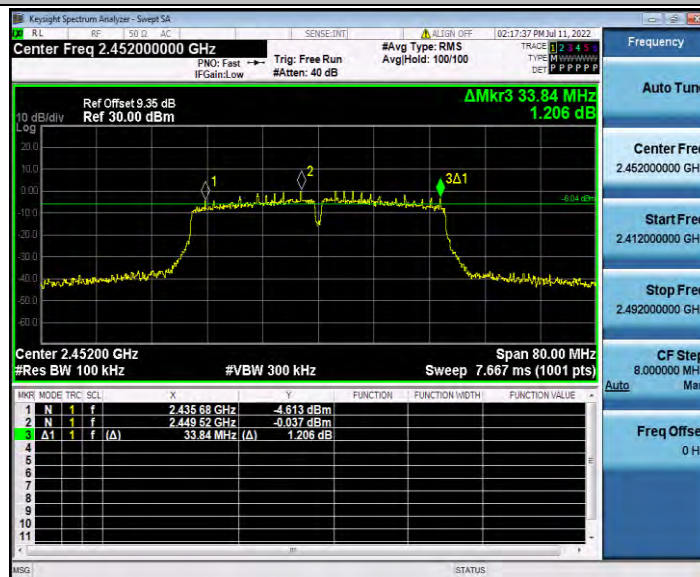
11N40SISO_Ant1_2422



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	12.991	2405.571	2418.562	---	---
		2437	12.880	2430.629	2443.509	---	---
		2462	12.875	2455.589	2468.464	---	---
11G	Ant1	2412	16.880	2403.628	2420.508	---	---
		2437	16.826	2428.618	2445.444	---	---
		2462	16.758	2453.623	2470.381	---	---
11N20SISO	Ant1	2412	17.838	2403.127	2420.965	---	---
		2437	17.832	2428.107	2445.939	---	---
		2462	17.873	2453.069	2470.942	---	---
11N40SISO	Ant1	2422	36.196	2404.074	2440.270	---	---
		2437	36.142	2419.085	2455.227	---	---
		2452	36.110	2434.029	2470.139	---	---

Test Graphs

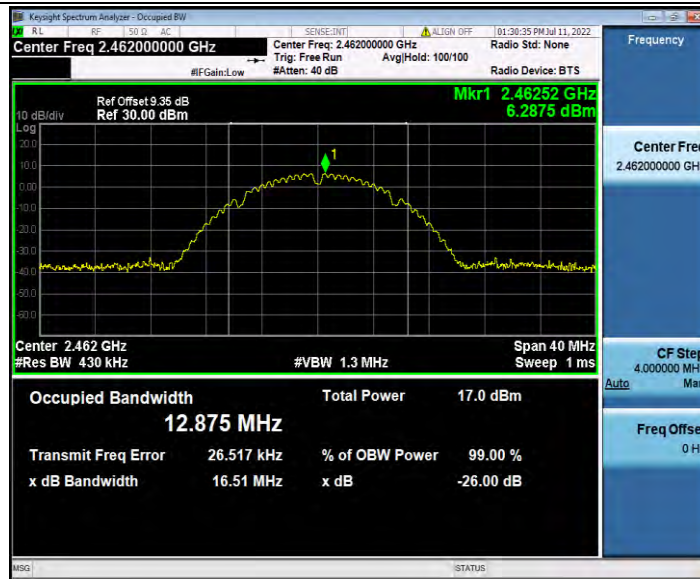
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



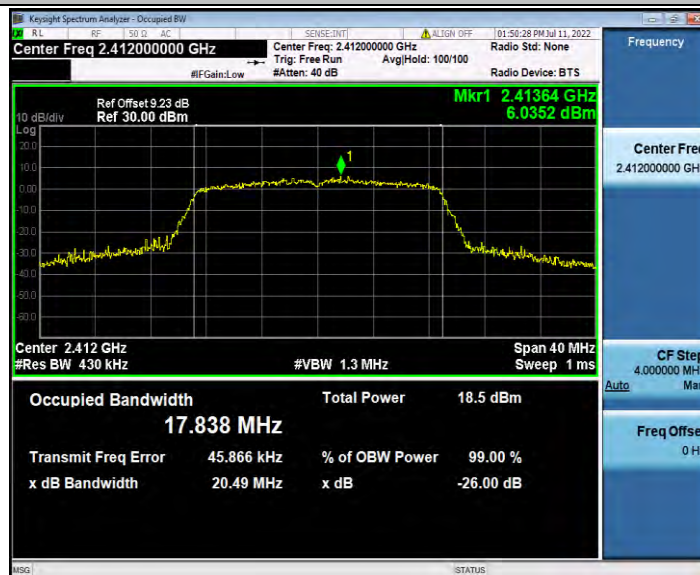
11G_Ant1_2437



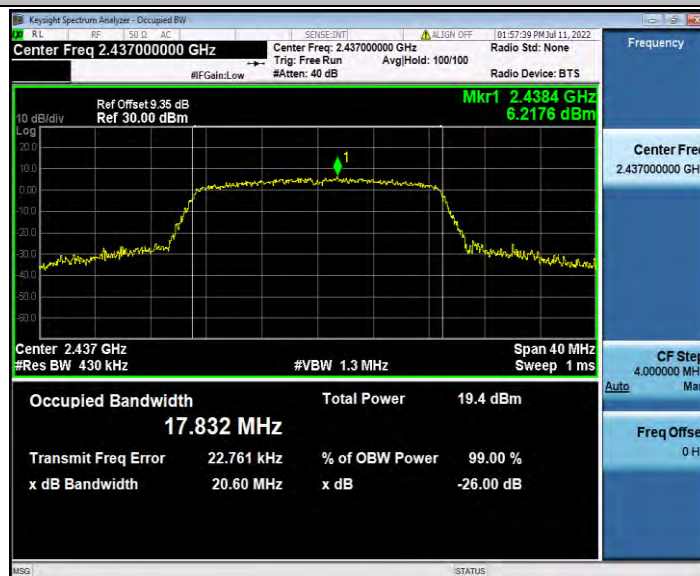
11G_Ant1_2462



11N20SISO_Ant1_2412



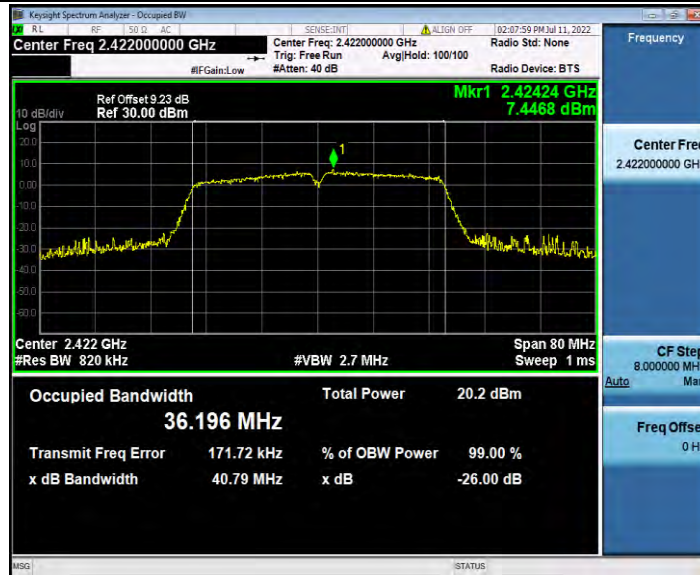
11N20SISO_Ant1_2437



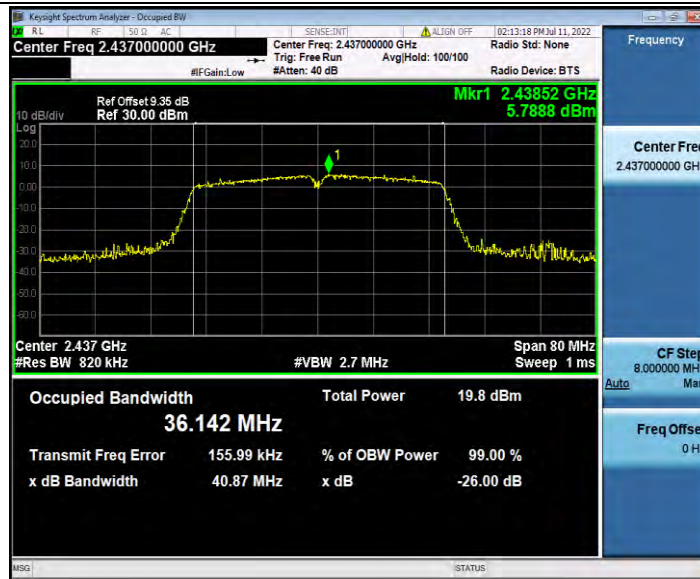
11N20SISO_Ant1_2462



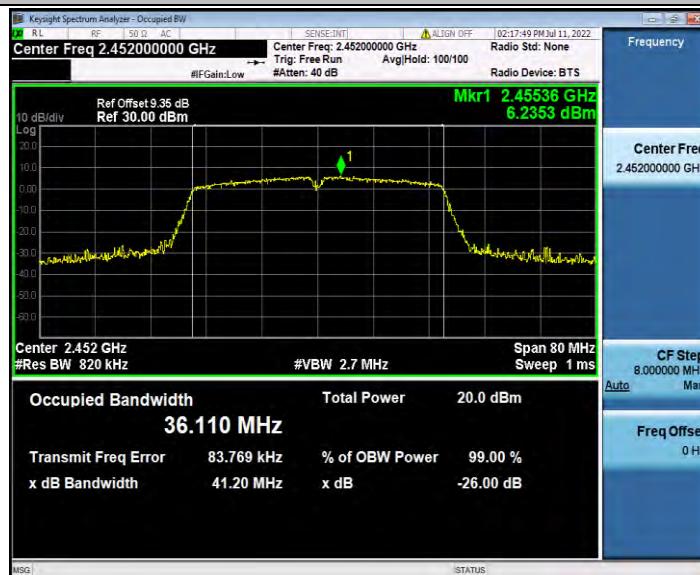
11N40SISO_Ant1_2422



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	-9.09	≤8.00	PASS
		2437	-8.34	≤8.00	PASS
		2462	-8.12	≤8.00	PASS
11G	Ant1	2412	-11.19	≤8.00	PASS
		2437	-11.05	≤8.00	PASS
		2462	-10.85	≤8.00	PASS
11N20SISO	Ant1	2412	-10.98	≤8.00	PASS
		2437	-10.97	≤8.00	PASS
		2462	-8.10	≤8.00	PASS
11N40SISO	Ant1	2422	-14.58	≤8.00	PASS
		2437	-13.40	≤8.00	PASS
		2452	-14.89	≤8.00	PASS

Test Graphs

11B_Ant1_2412



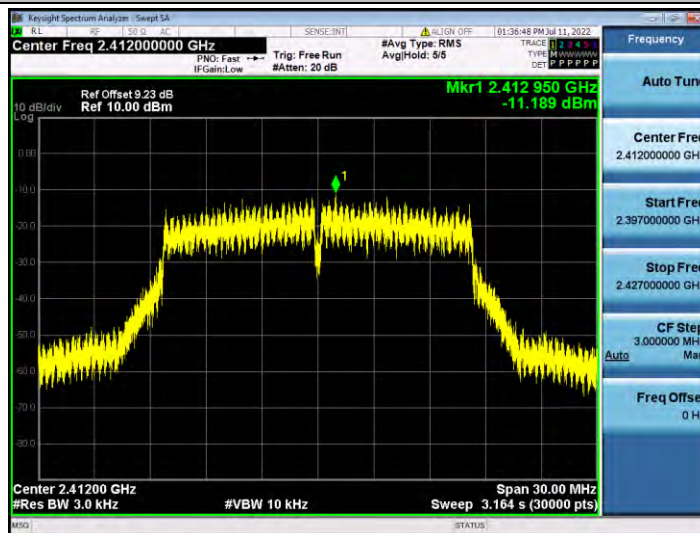
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



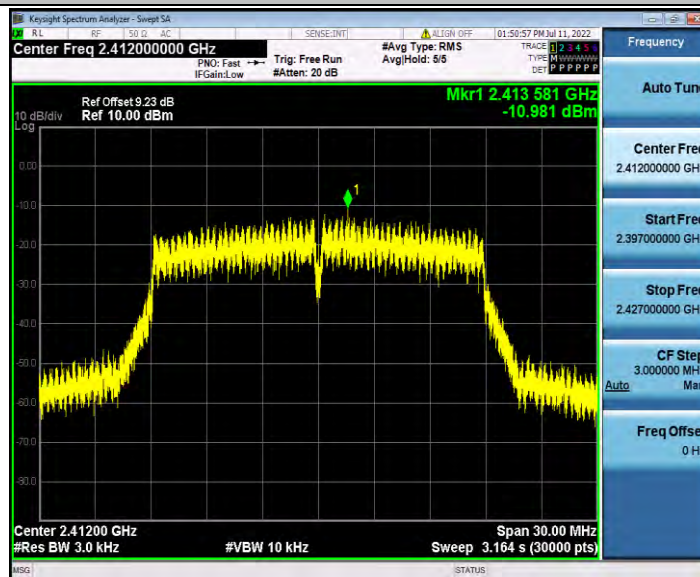
11G_Ant1_2437



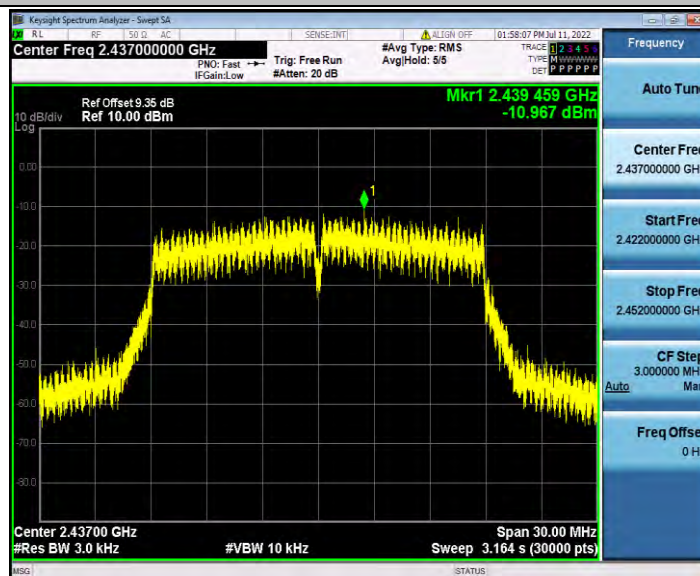
11G_Ant1_2462



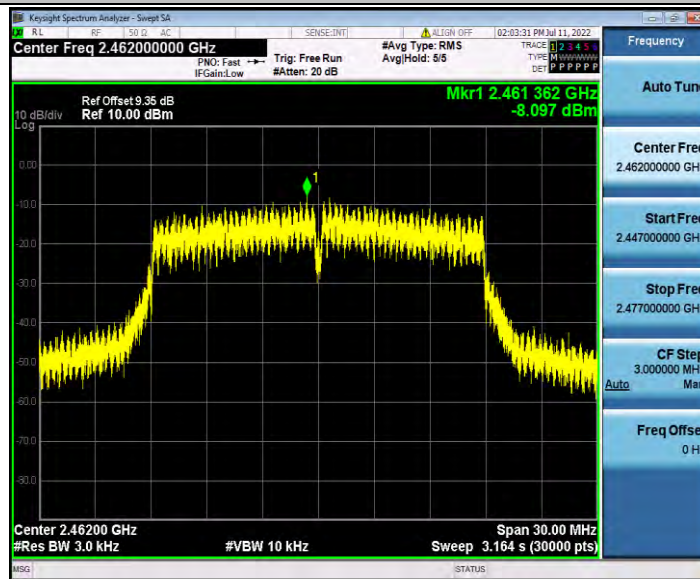
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



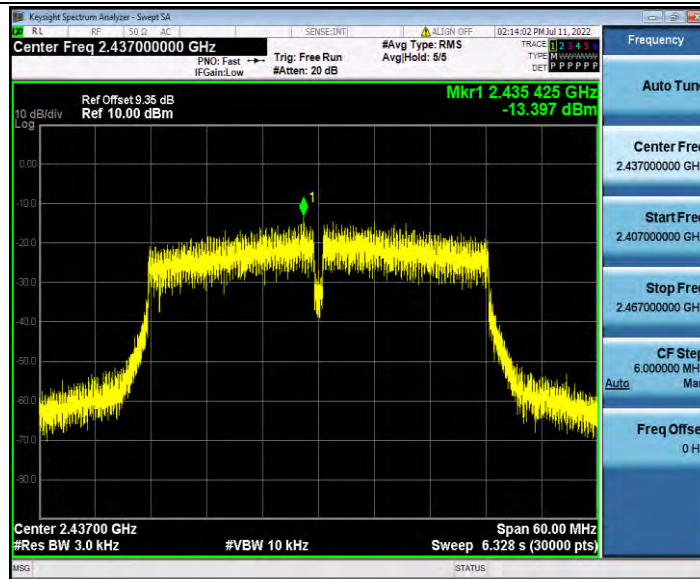
11N20SISO_Ant1_2462



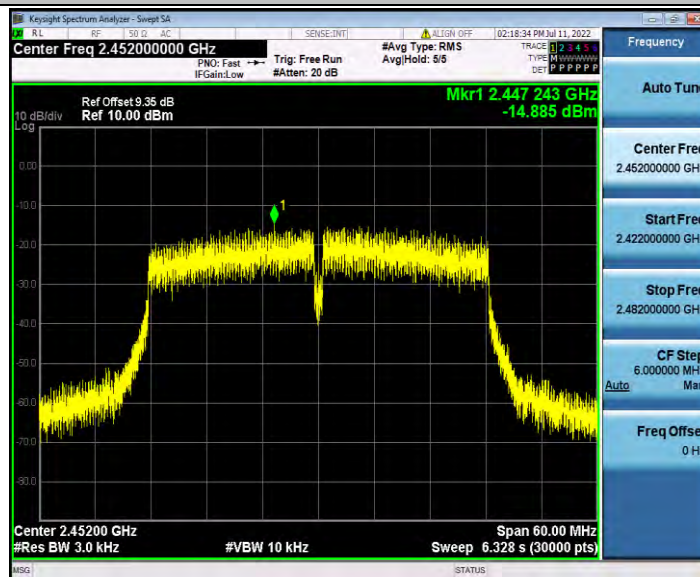
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



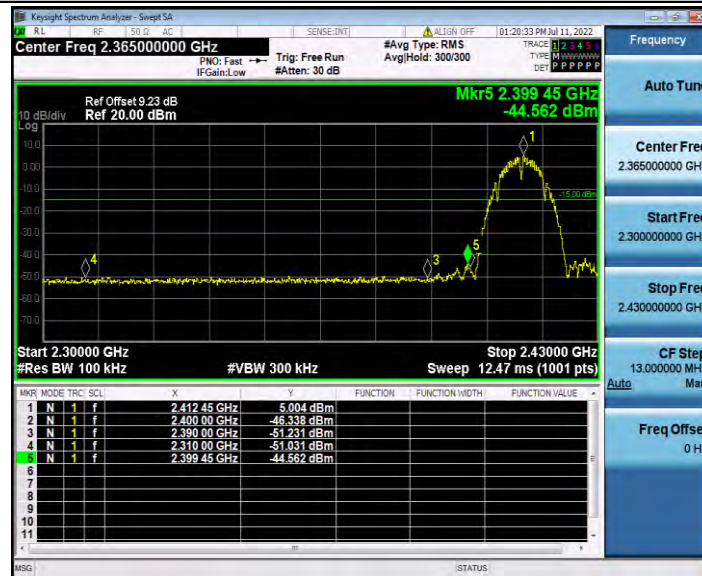
Appendix C.4: Band edge measurements

Test Result

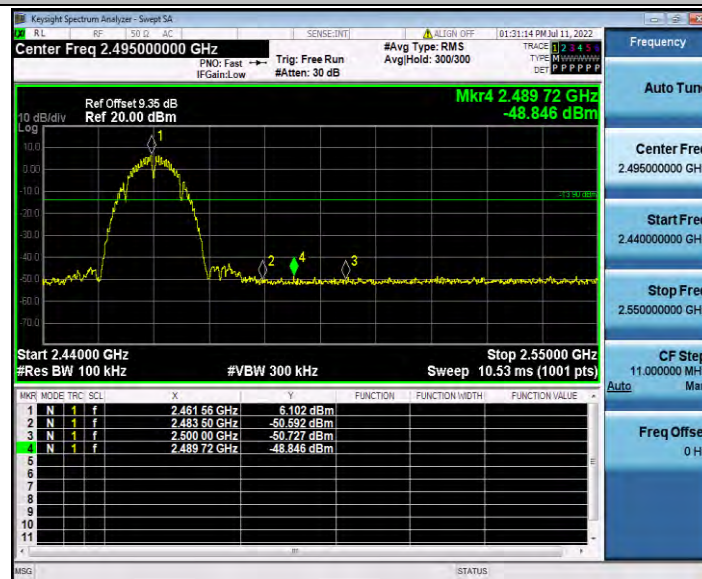
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.00	-44.56	≤ -15	PASS
		High	2462	6.10	-48.85	≤ -13.9	PASS
11G	Ant1	Low	2412	1.64	-32.67	≤ -18.36	PASS
		High	2462	4.17	-45.75	≤ -15.83	PASS
11N20SISO	Ant1	Low	2412	2.55	-32.3	≤ -17.45	PASS
		High	2462	6.64	-38.88	≤ -13.36	PASS
11N40SISO	Ant1	Low	2422	0.43	-33.97	≤ -19.57	PASS
		High	2452	0.10	-40	≤ -19.91	PASS

Test Graphs

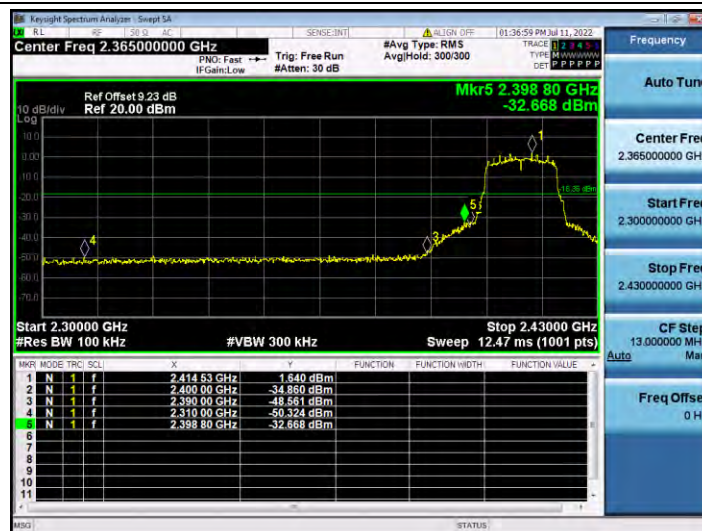
11B_Ant1_Low_2412



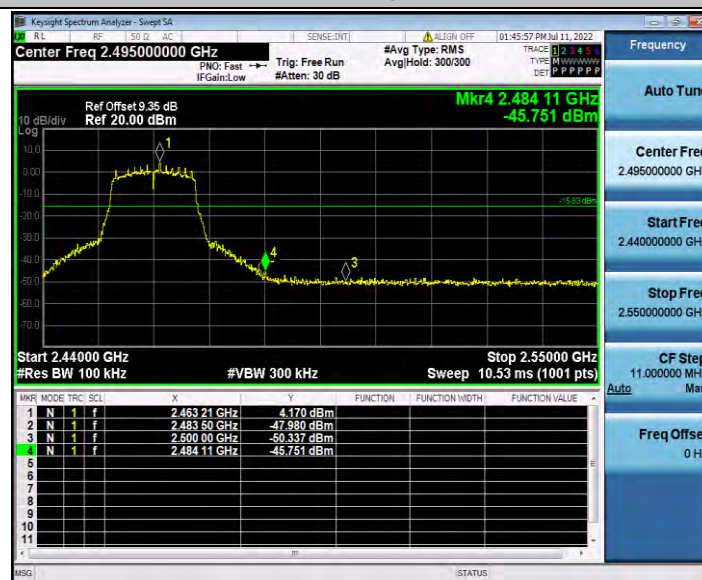
11B_Ant1_High_2462



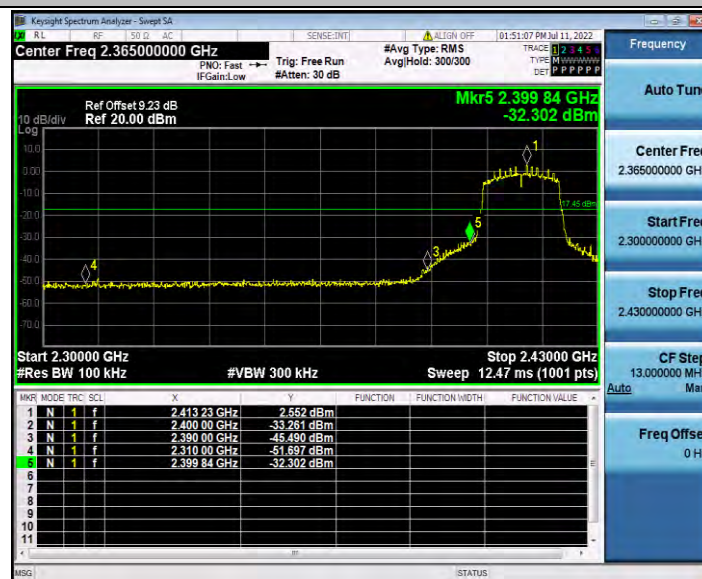
11G_Ant1_Low_2412



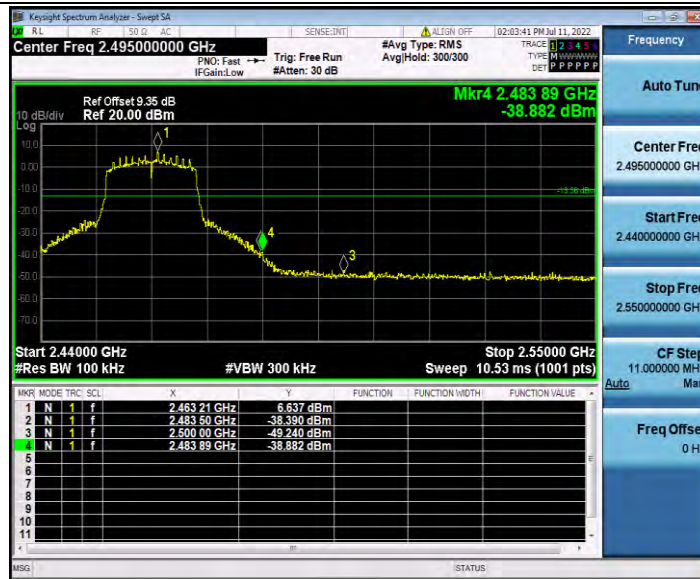
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



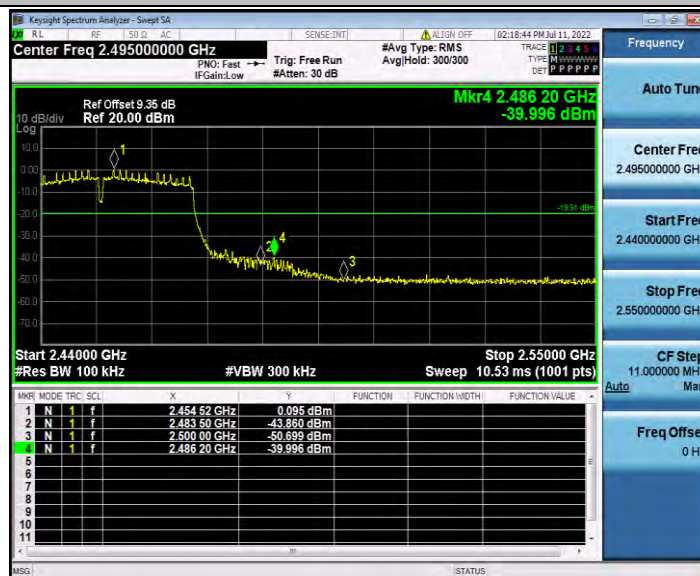
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.5: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.00	3.00	---	PASS
			30~1000	3.00	-59.77	≤-17	PASS
			1000~26500	3.00	-44.75	≤-17	PASS
		2437	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-60.41	≤-15.89	PASS
			1000~26500	4.11	-45.52	≤-15.89	PASS
		2462	Reference	5.45	5.45	---	PASS
			30~1000	5.45	-60.44	≤-14.55	PASS
			1000~26500	5.45	-46.26	≤-14.55	PASS
11G	Ant1	2412	Reference	1.77	1.77	---	PASS
			30~1000	1.77	-60.71	≤-18.23	PASS
			1000~26500	1.77	-47.07	≤-18.23	PASS
		2437	Reference	2.98	2.98	---	PASS
			30~1000	2.98	-60.36	≤-17.02	PASS
			1000~26500	2.98	-47.54	≤-17.02	PASS
		2462	Reference	2.88	2.88	---	PASS
			30~1000	2.88	-60.55	≤-17.12	PASS
			1000~26500	2.88	-47.35	≤-17.12	PASS
11N20SISO	Ant1	2412	Reference	-1.50	-1.50	---	PASS
			30~1000	-1.50	-60.25	≤-21.5	PASS
			1000~26500	-1.50	-47.61	≤-21.5	PASS
		2437	Reference	1.48	1.48	---	PASS
			30~1000	1.48	-60.25	≤-18.52	PASS
			1000~26500	1.48	-47.65	≤-18.52	PASS
		2462	Reference	3.56	3.56	---	PASS
			30~1000	3.56	-60.37	≤-16.44	PASS
			1000~26500	3.56	-47.86	≤-16.44	PASS
11N40SISO	Ant1	2422	Reference	-3.15	-3.15	---	PASS
			30~1000	-3.15	-59.47	≤-23.15	PASS
			1000~26500	-3.15	-47.97	≤-23.15	PASS
		2437	Reference	-1.27	-1.27	---	PASS
			30~1000	-1.27	-59.36	≤-21.27	PASS
			1000~26500	-1.27	-47.2	≤-21.27	PASS
		2452	Reference	-1.13	-1.13	---	PASS
			30~1000	-1.13	-59.7	≤-21.13	PASS
			1000~26500	-1.13	-46.98	≤-21.13	PASS

Test Graphs

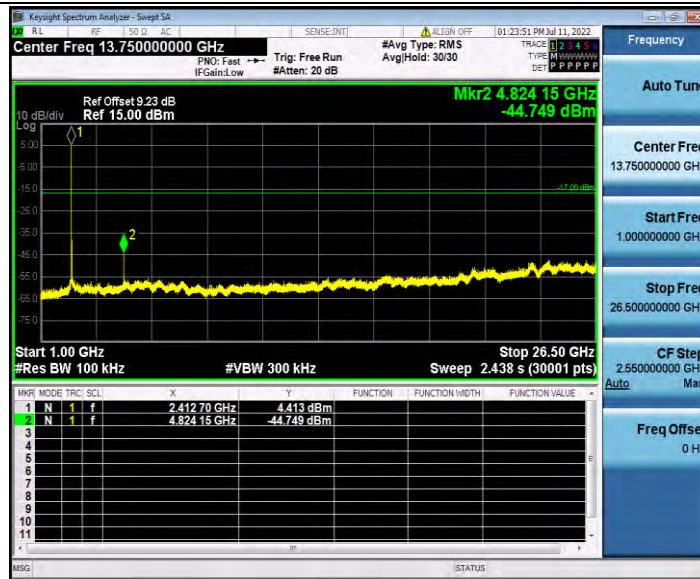
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



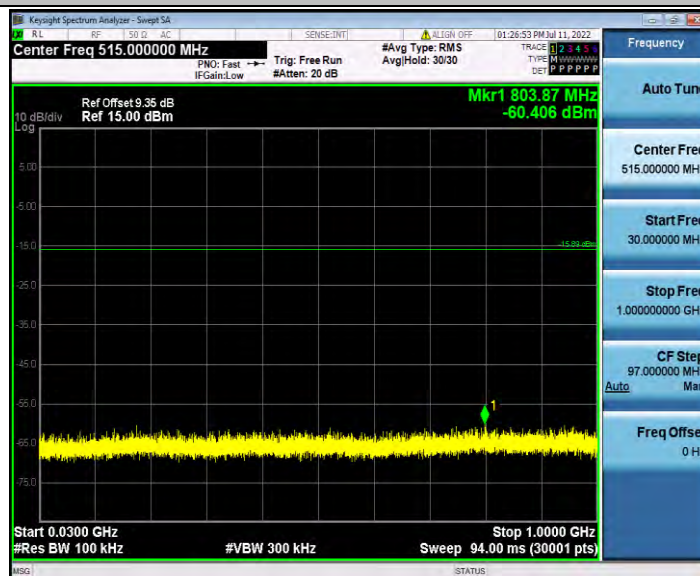
11B_Ant1_2412_1000~26500



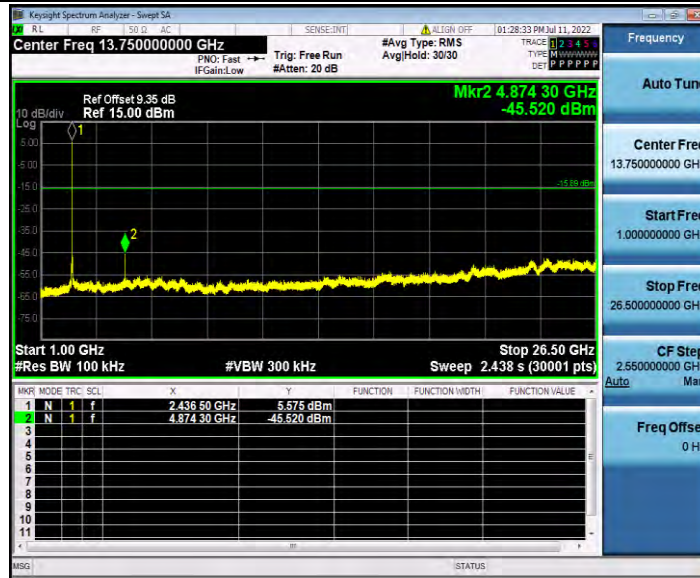
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



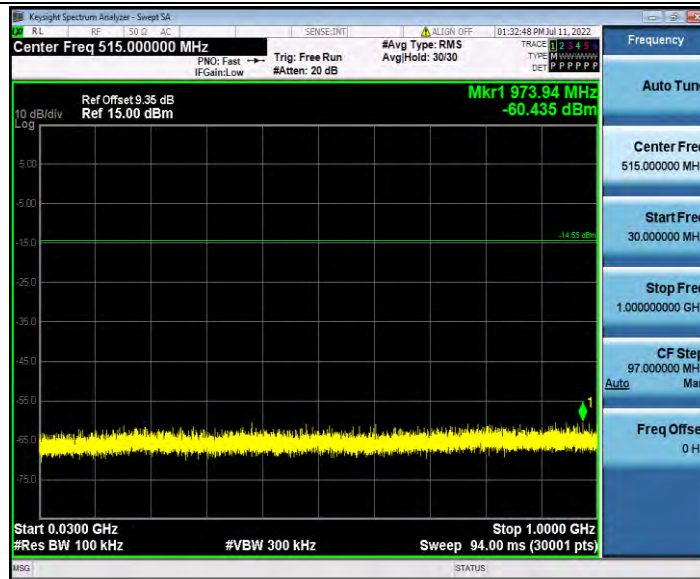
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



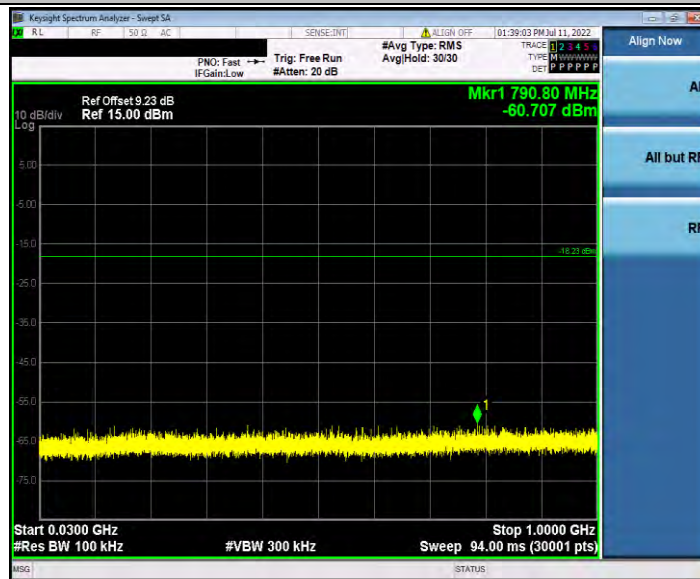
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



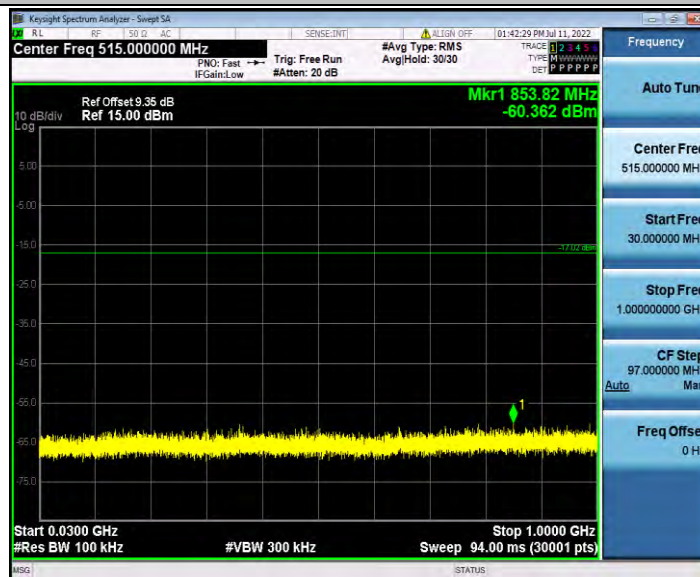
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



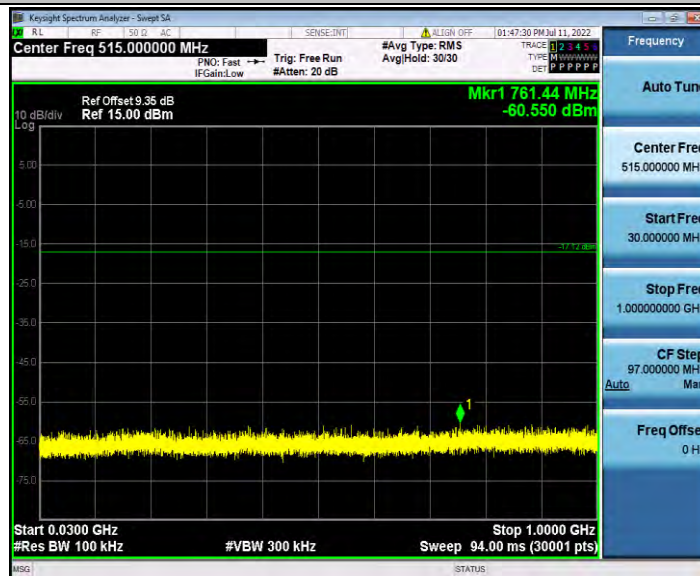
11G_Ant1_2437_1000~26500



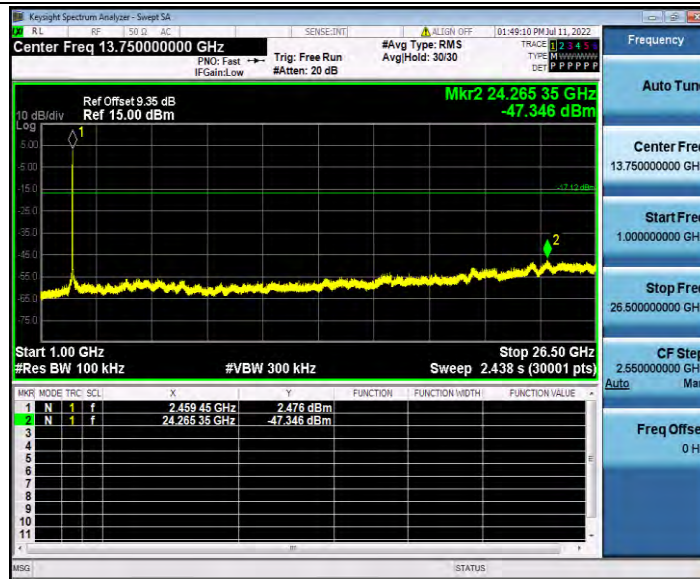
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



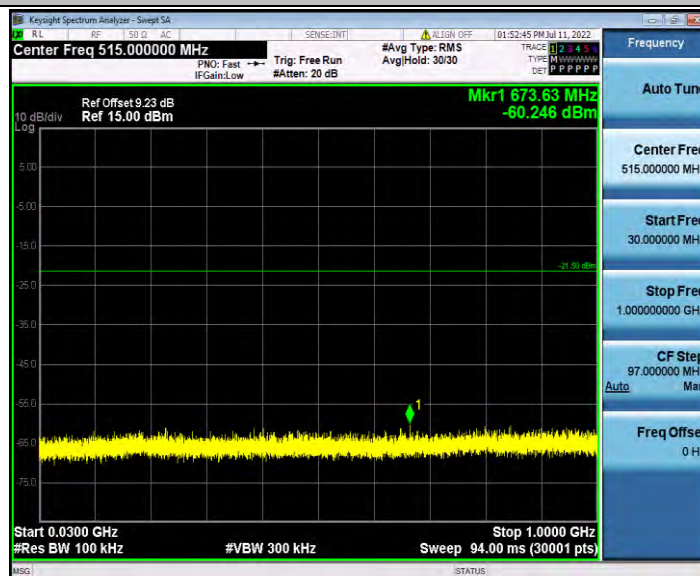
11G_Ant1_2462_1000~26500



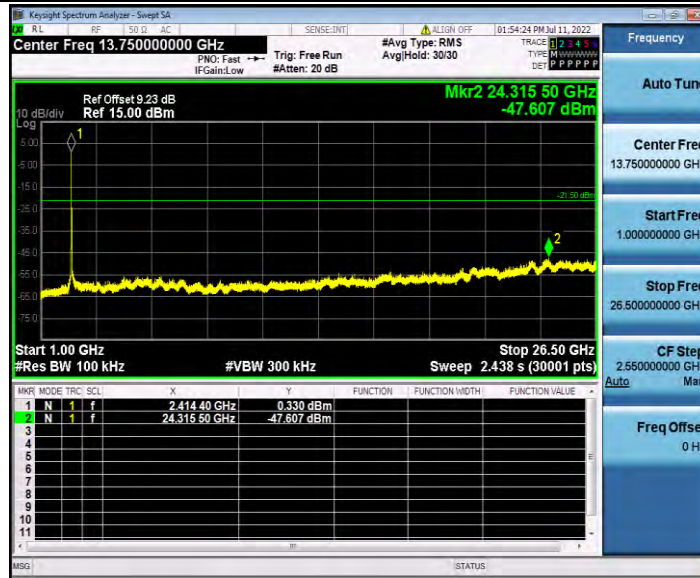
11N20SISO_Ant1_2412_0~Reference



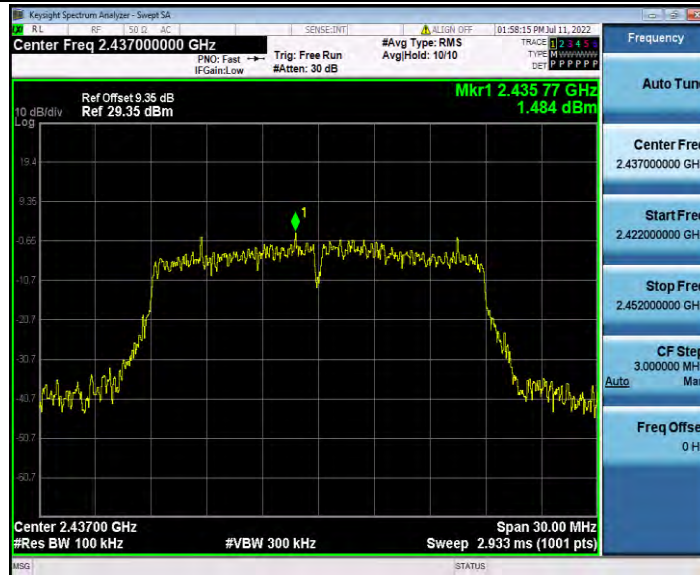
11N20SISO_Ant1_2412_30~1000



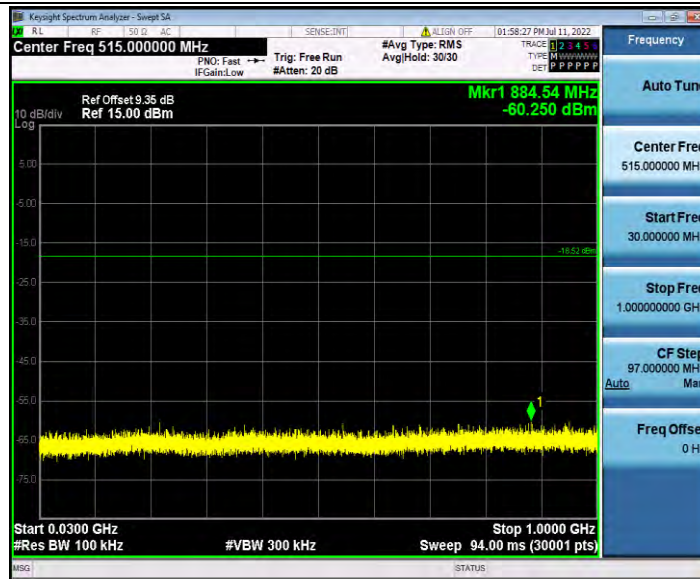
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



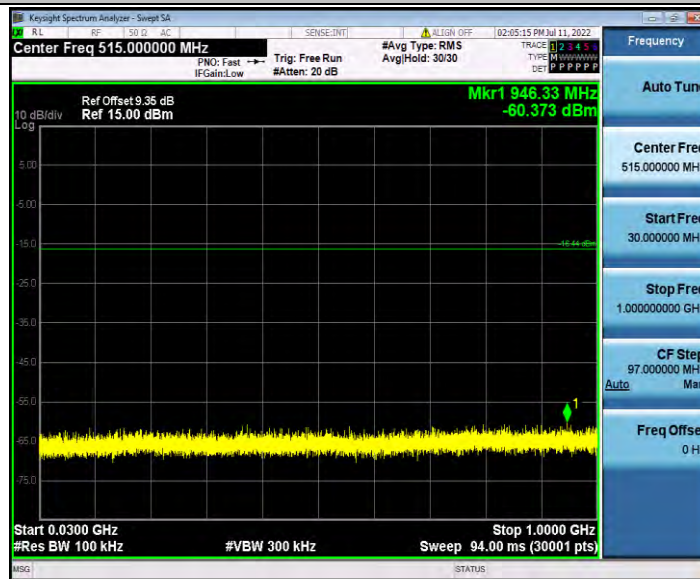
11N20SISO_Ant1_2437_1000~26500



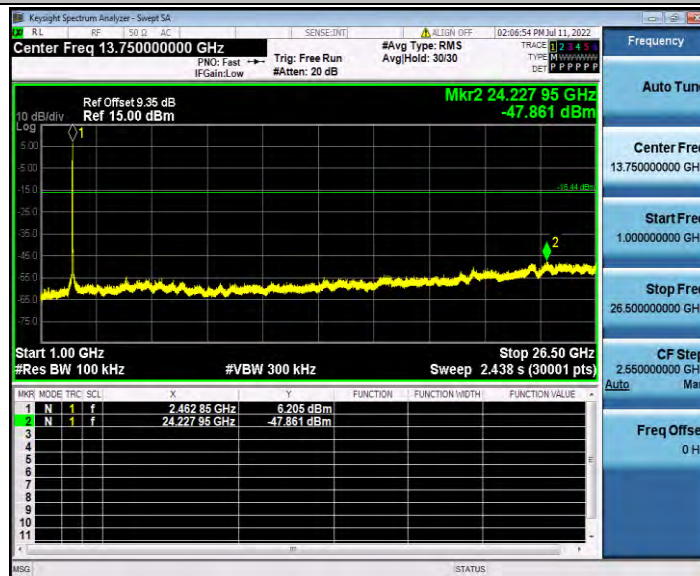
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



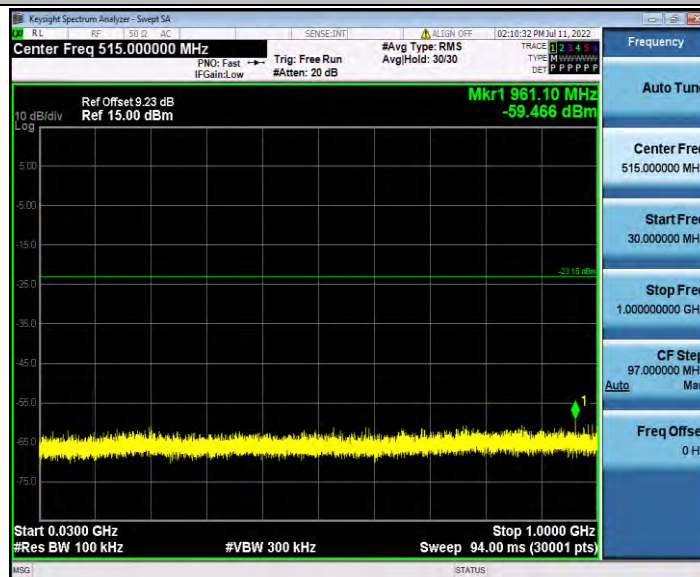
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



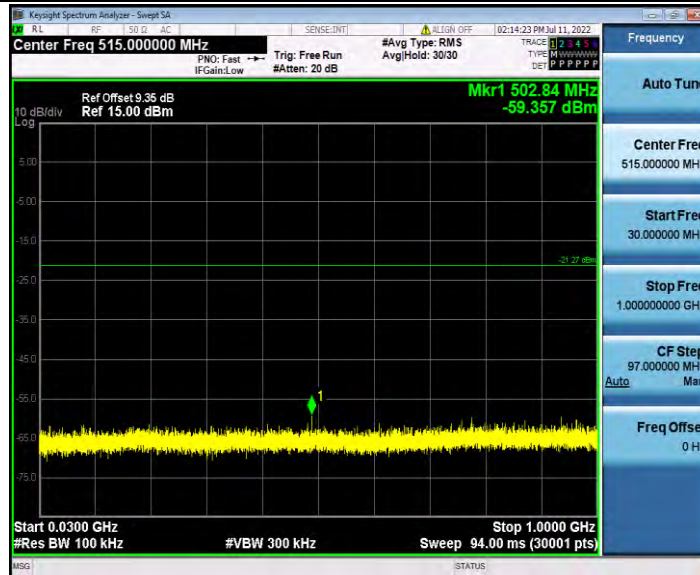
11N40SISO_Ant1_2422_1000~26500



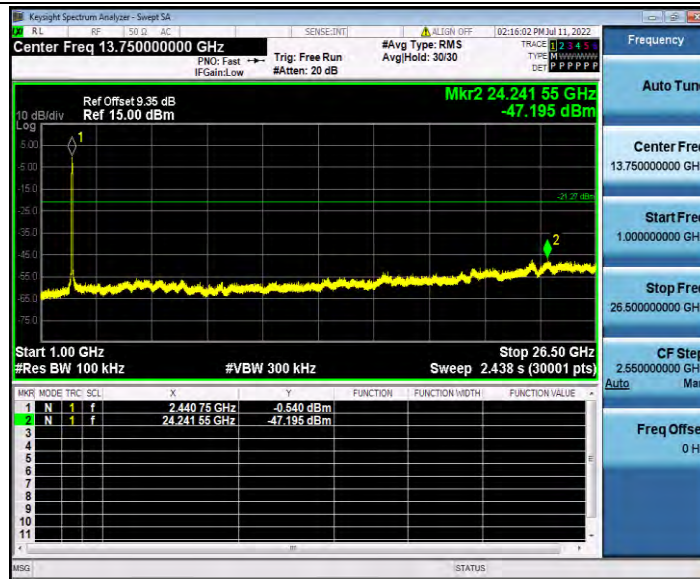
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



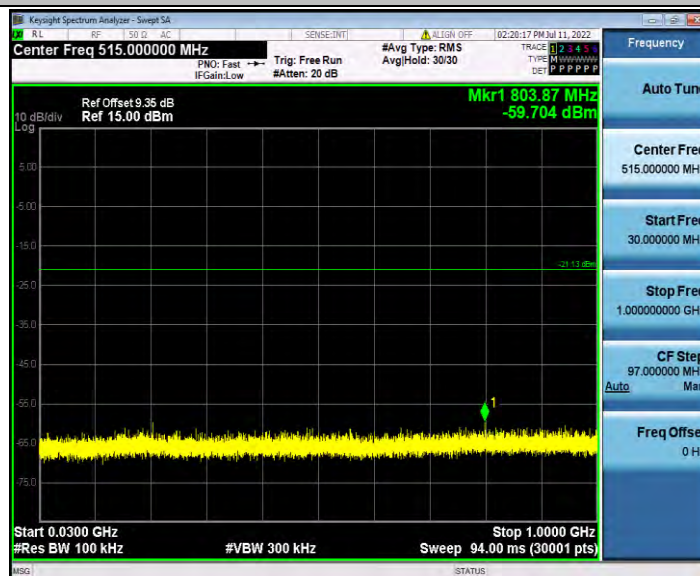
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

