

Case No. : GTS20220920004-2-12	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2022.12.16	Test Engineer: Jenny zeng

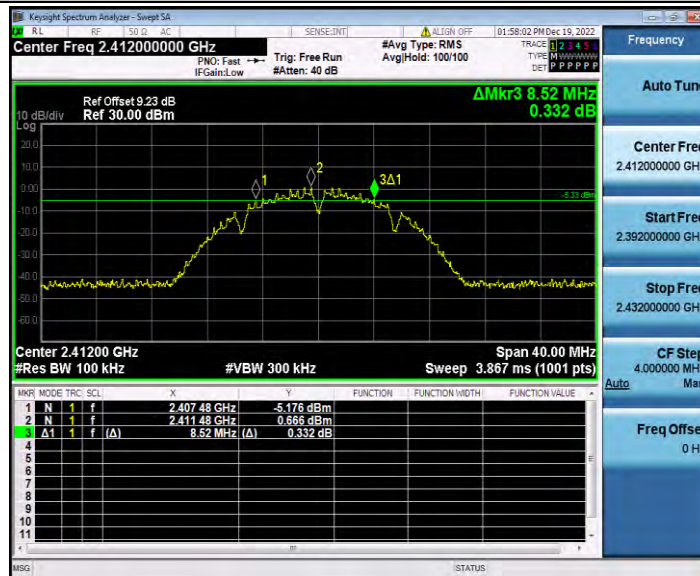
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	8.520	2407.480	2416.000	0.5	PASS
		2437	8.080	2432.960	2441.040	0.5	PASS
		2462	8.560	2457.960	2466.520	0.5	PASS
11G	Ant0	2412	15.440	2404.480	2419.920	0.5	PASS
		2437	15.040	2429.480	2444.520	0.5	PASS
		2462	14.720	2454.800	2469.520	0.5	PASS
11N20SISO	Ant0	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	15.360	2429.440	2444.800	0.5	PASS
		2462	13.760	2454.520	2468.280	0.5	PASS
11N40SISO	Ant0	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs

11B_Ant0_2412



11B_Ant0_2437



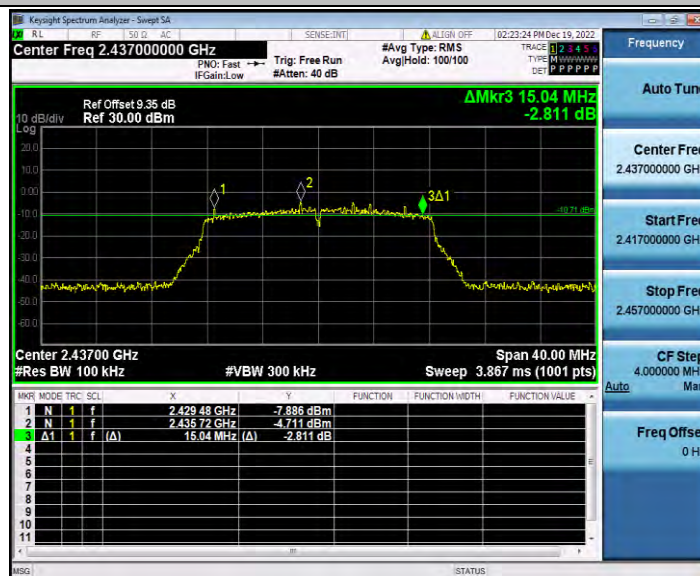
11B_Ant0_2462



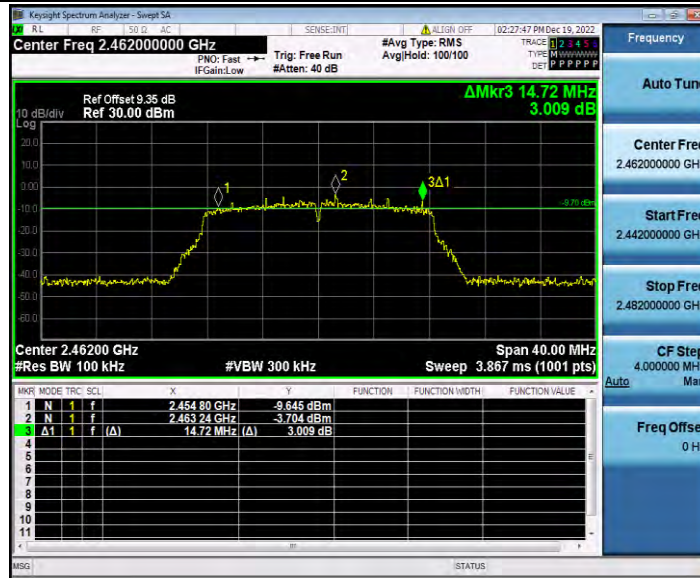
11G_Ant0_2412



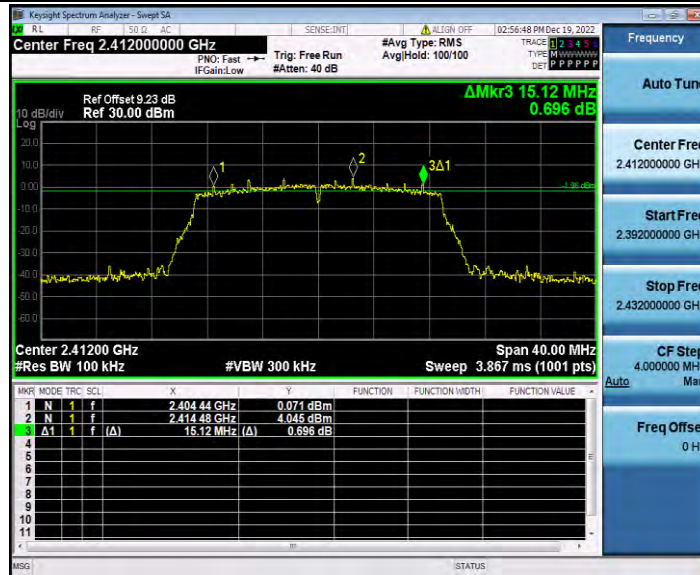
11G_Ant0_2437



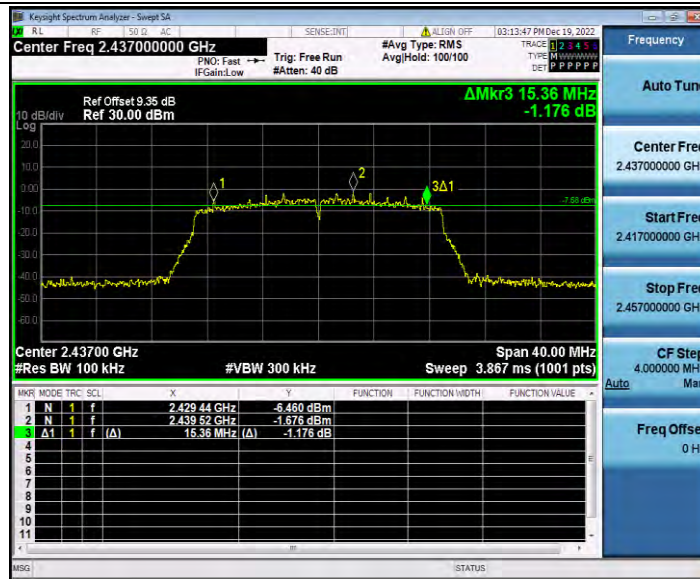
11G_Ant0_2462



11N20SISO_Ant0_2412



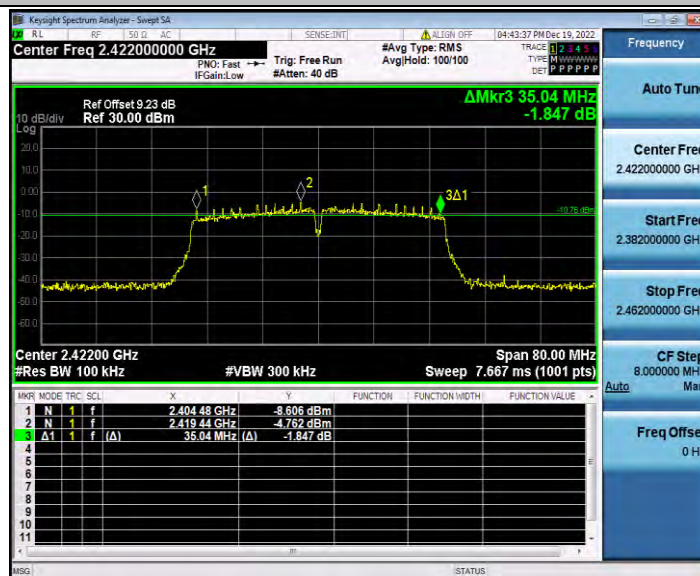
11N20SISO_Ant0_2437



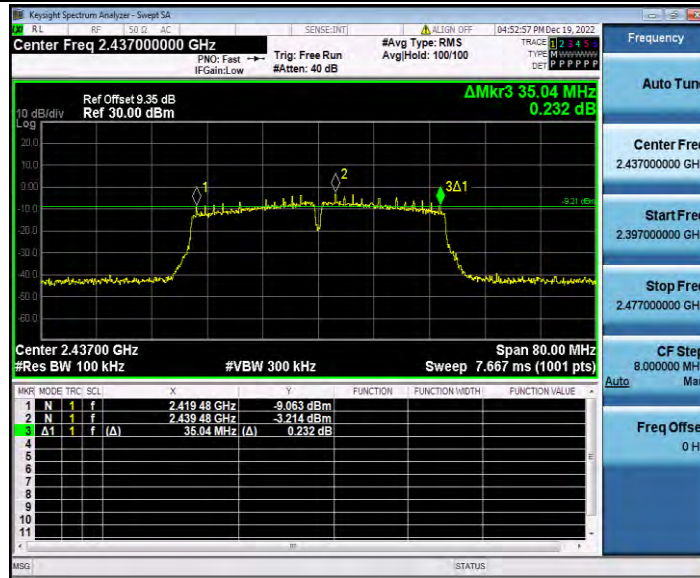
11N20SISO_Ant0_2462



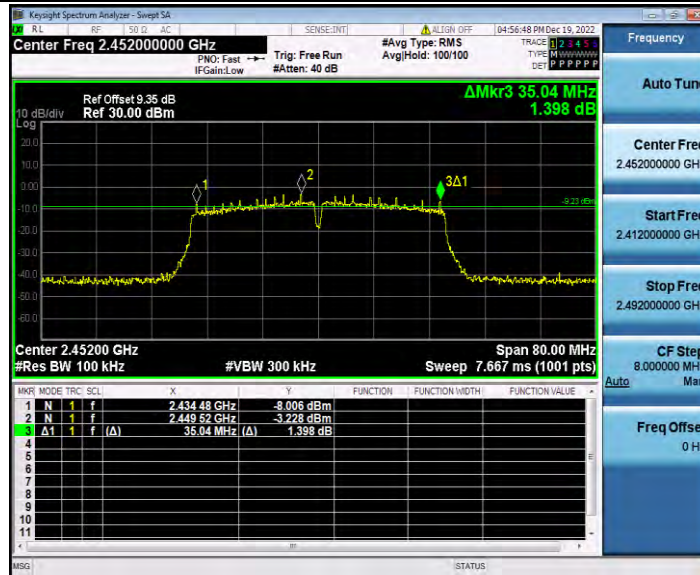
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



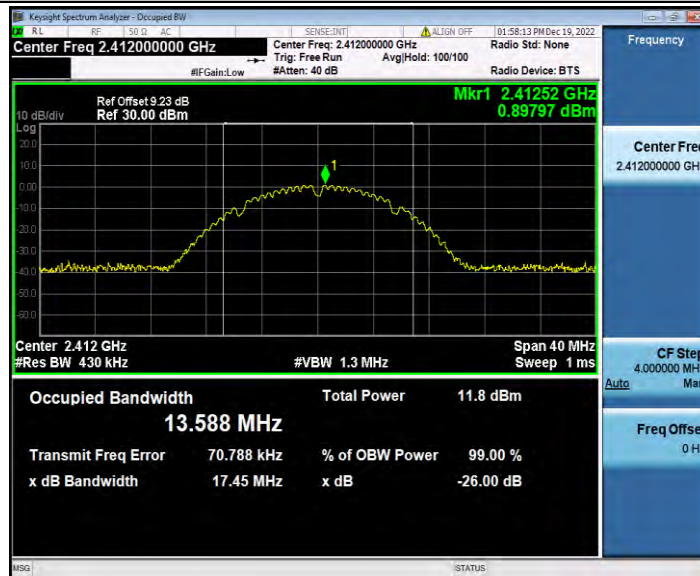
Appendix C.2: Occupied Channel Bandwidth

Test Result

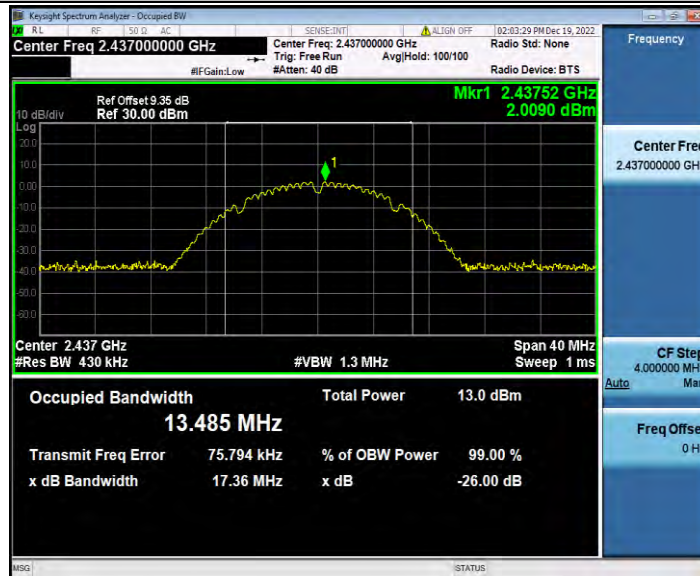
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	13.588	2405.277	2418.865	---	---
		2437	13.485	2430.333	2443.818	---	---
		2462	13.455	2455.284	2468.739	---	---
11G	Ant0	2412	16.801	2403.671	2420.472	---	---
		2437	16.787	2428.649	2445.436	---	---
		2462	16.822	2453.645	2470.467	---	---
11N20SISO	Ant0	2412	17.847	2403.118	2420.965	---	---
		2437	17.784	2428.163	2445.947	---	---
		2462	17.762	2453.152	2470.914	---	---
11N40SISO	Ant0	2422	36.193	2404.059	2440.252	---	---
		2437	35.997	2419.107	2455.104	---	---
		2452	36.075	2434.029	2470.104	---	---

Test Graphs

11B_Ant0_2412



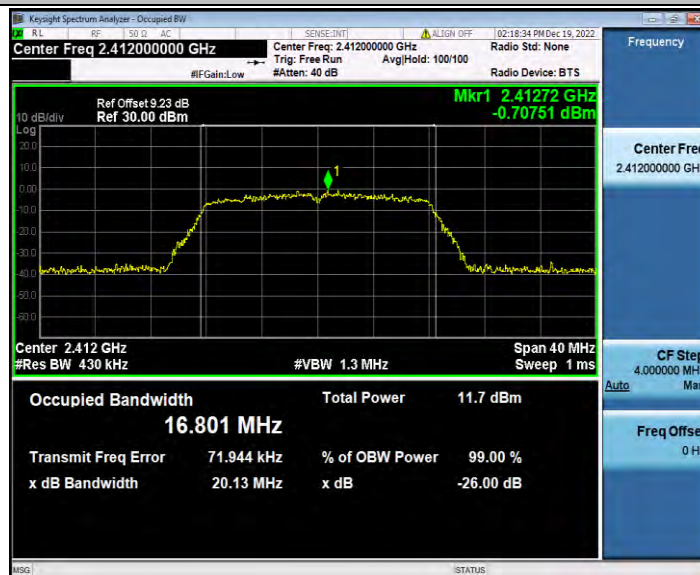
11B_Ant0_2437



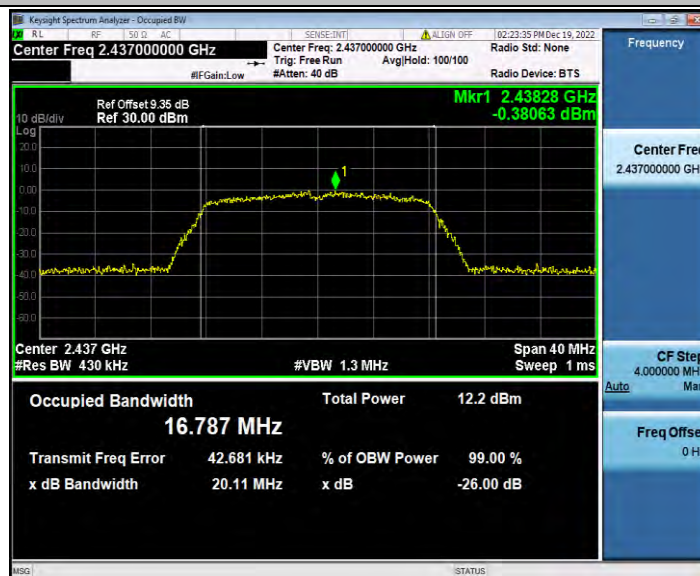
11B_Ant0_2462



11G_Ant0_2412



11G_Ant0_2437



11G_Ant0_2462



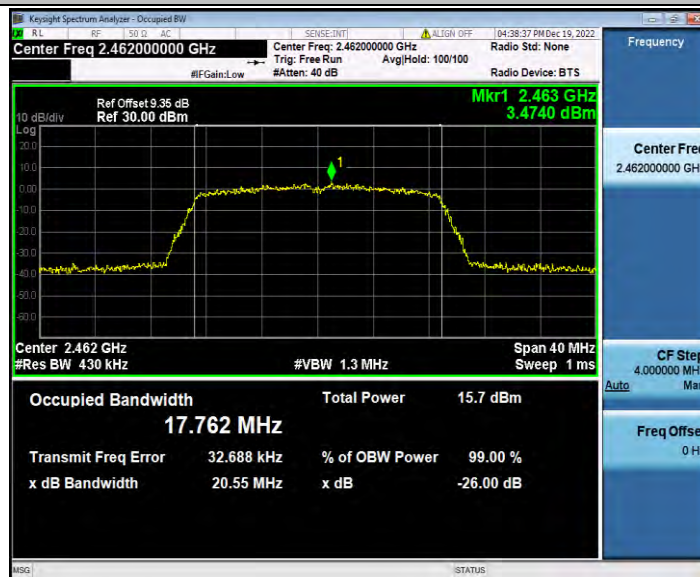
11N20SISO_Ant0_2412



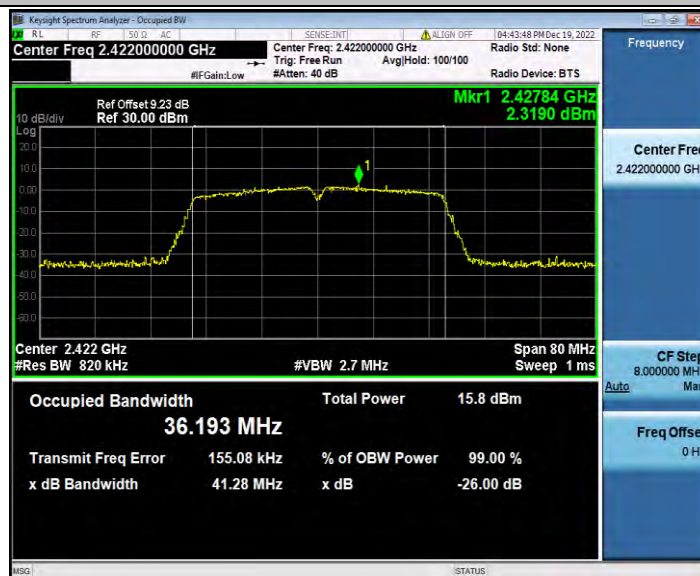
11N20SISO_Ant0_2437



11N20SISO_Ant0_2462



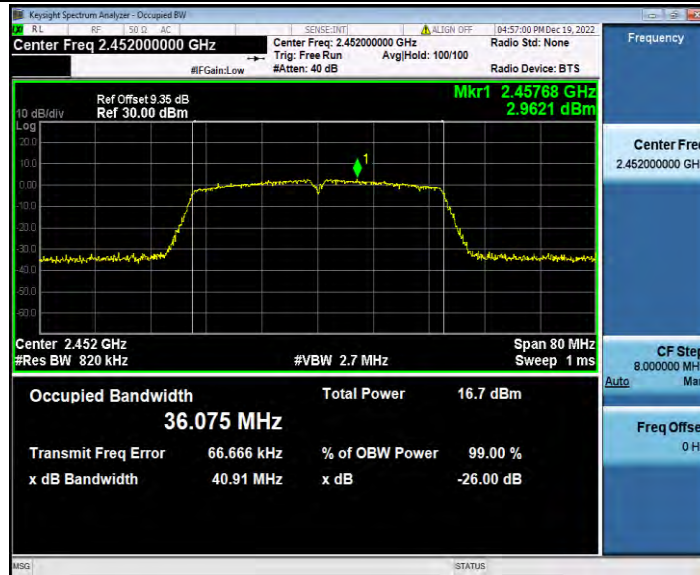
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant0	2412	15.62	≤30.00	PASS
		2437	16.44	≤30.00	PASS
		2462	16.68	≤30.00	PASS
11G	Ant0	2412	12.85	≤30.00	PASS
		2437	13.43	≤30.00	PASS
		2462	13.93	≤30.00	PASS
11N20SISO	Ant0	2412	15.89	≤30.00	PASS
		2437	16.37	≤30.00	PASS
		2462	17.06	≤30.00	PASS
11N40SISO	Ant0	2422	16.14	≤30.00	PASS
		2437	16.67	≤30.00	PASS
		2452	17.11	≤30.00	PASS

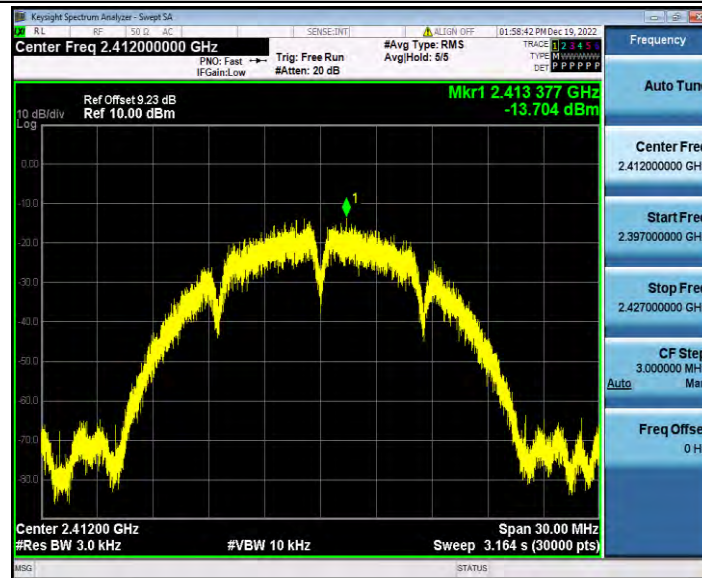
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-13.7	≤8.00	PASS
		2437	-11.71	≤8.00	PASS
		2462	-12.22	≤8.00	PASS
11G	Ant0	2412	-18.15	≤8.00	PASS
		2437	-19.06	≤8.00	PASS
		2462	-17.86	≤8.00	PASS
11N20SISO	Ant0	2412	-16.25	≤8.00	PASS
		2437	-13.96	≤8.00	PASS
		2462	-15.35	≤8.00	PASS
11N40SISO	Ant0	2422	-18.26	≤8.00	PASS
		2452	-18.16	≤8.00	PASS

Test Graphs

11B_Ant0_2412



11B_Ant0_2437



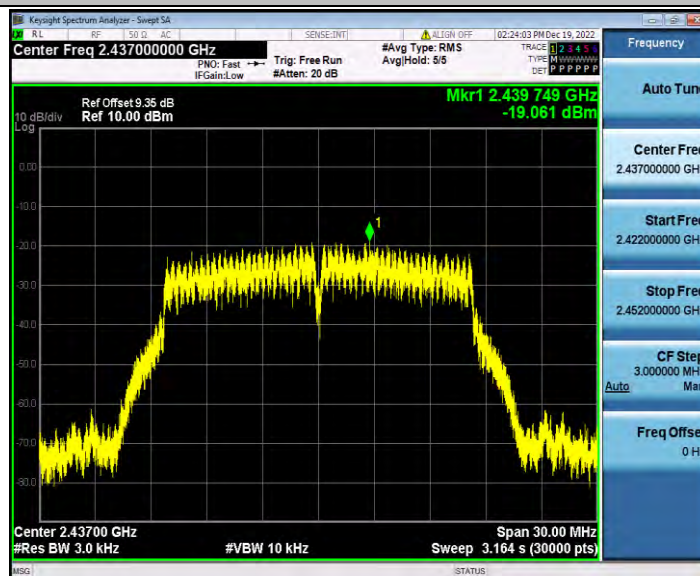
11B_Ant0_2462



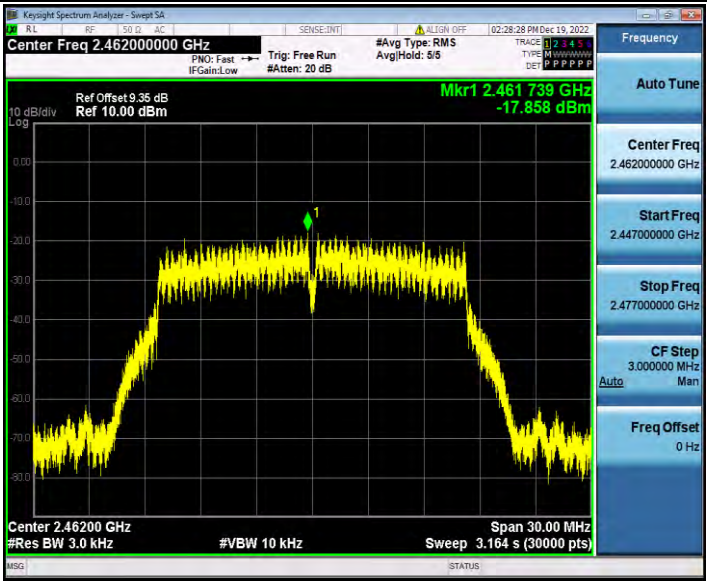
11G_Ant0_2412



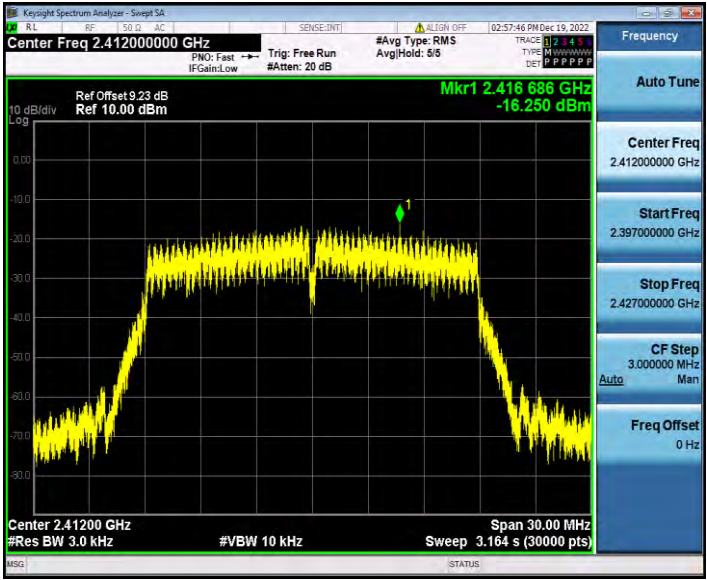
11G_Ant0_2437



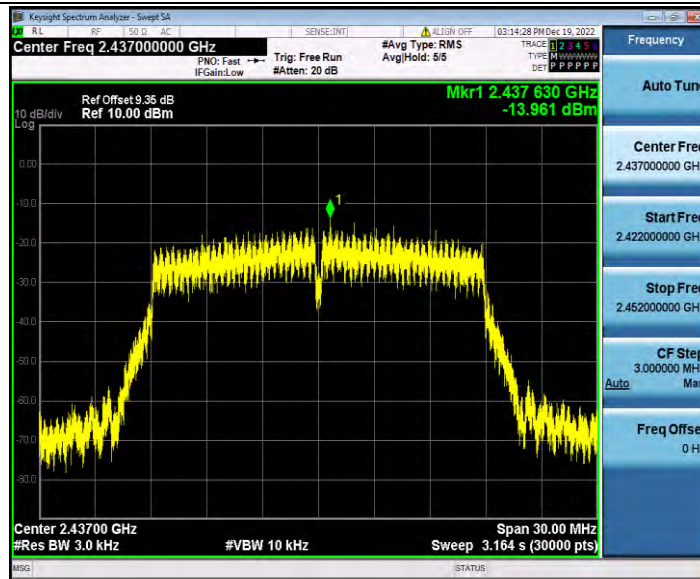
11G_Ant0_2462



11N20SISO_Ant0_2412



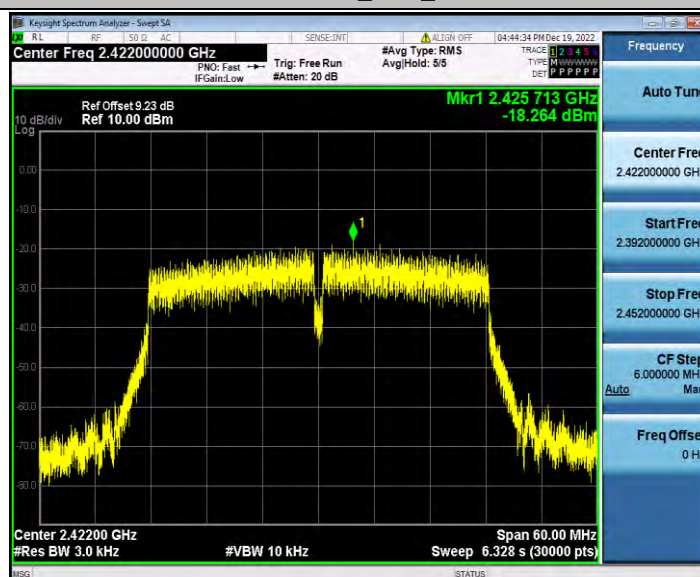
11N20SISO_Ant0_2437



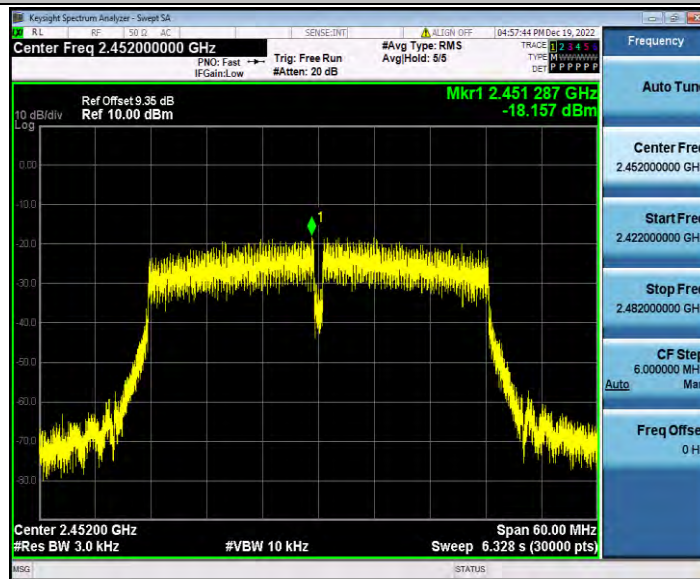
11N20SISO_Ant0_2462



11N40SISO_Ant0_2422



11N40SISO_Ant0_2452



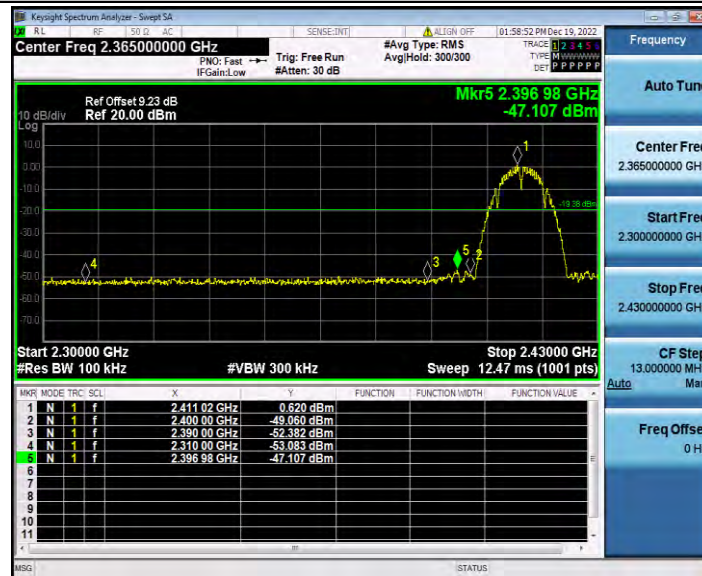
Appendix C.5: Band edge measurements

Test Result

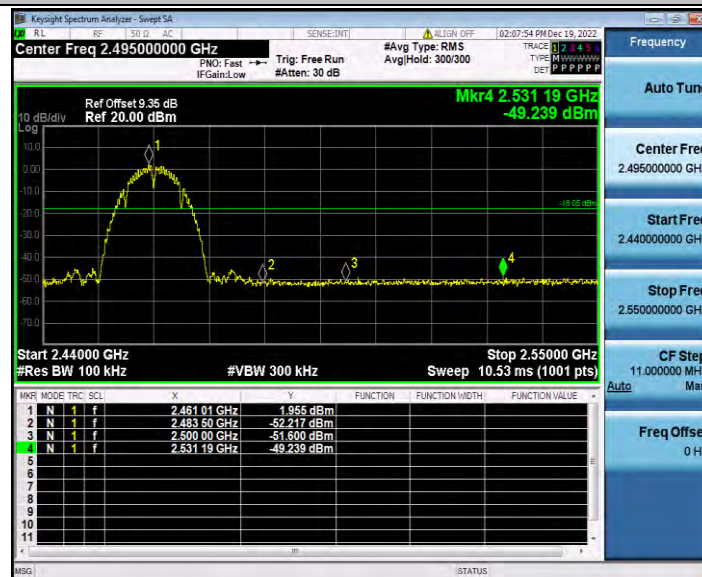
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	0.62	-47.11	≤-19.38	PASS
		High	2462	1.96	-49.24	≤-18.05	PASS
11G	Ant0	Low	2412	-4.48	-46.39	≤-24.48	PASS
		High	2462	-4.07	-48.41	≤-24.07	PASS
11N20SISO	Ant0	Low	2412	-1.83	-43.81	≤-21.83	PASS
		High	2462	0.01	-47.98	≤-19.99	PASS
11N40SISO	Ant0	Low	2422	-4.16	-44.7	≤-24.16	PASS
		High	2452	-3.29	-47.06	≤-23.29	PASS

Test Graphs

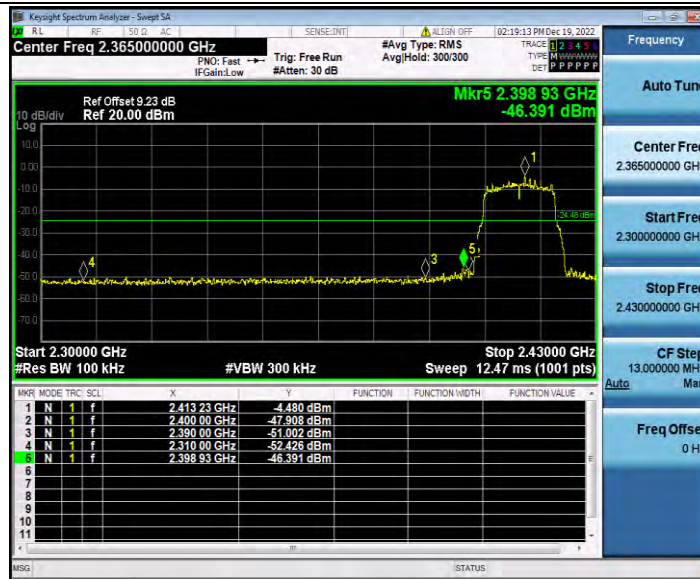
11B_Ant0_Low_2412



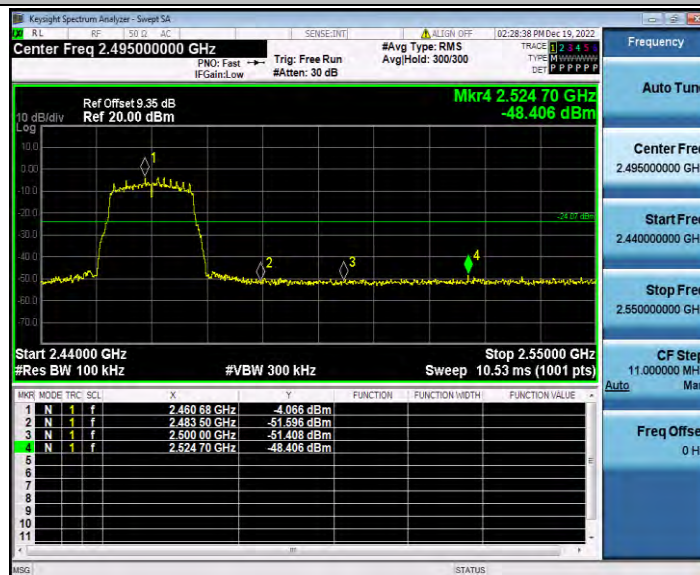
11B_Ant0_High_2462



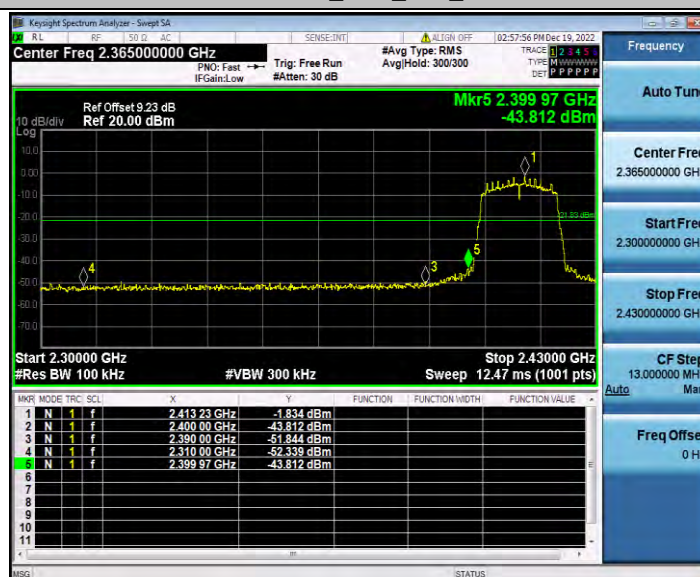
11G_Ant0_Low_2412



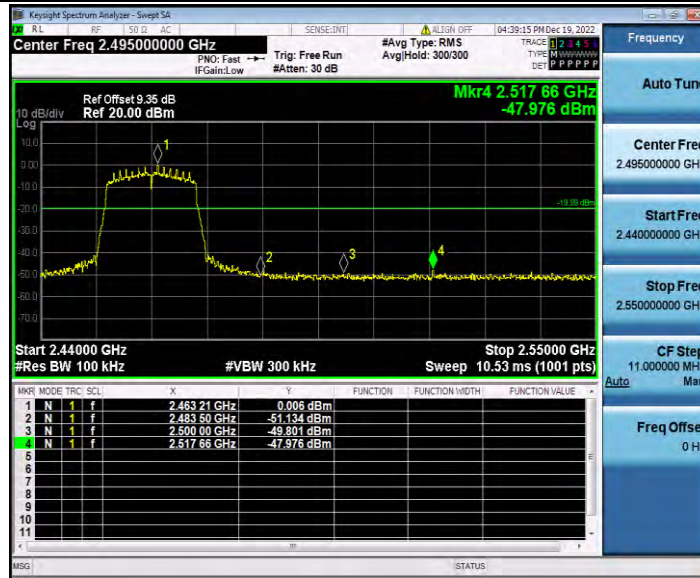
11G_Ant0_High_2462



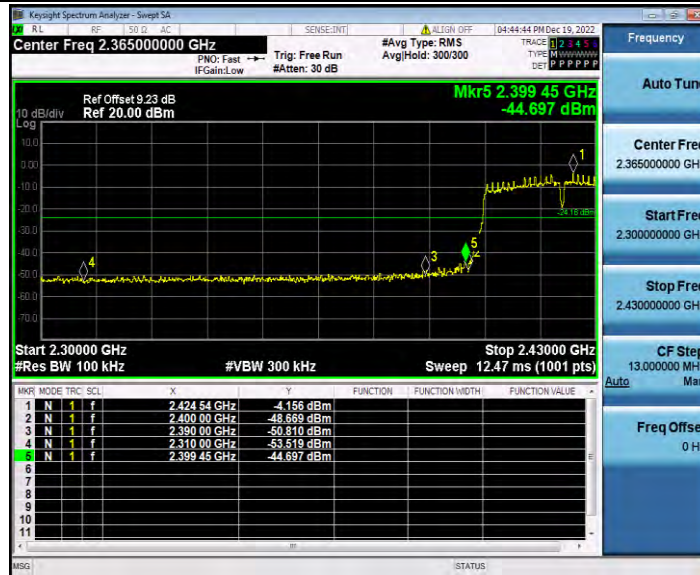
11N20SISO_Ant0_Low_2412



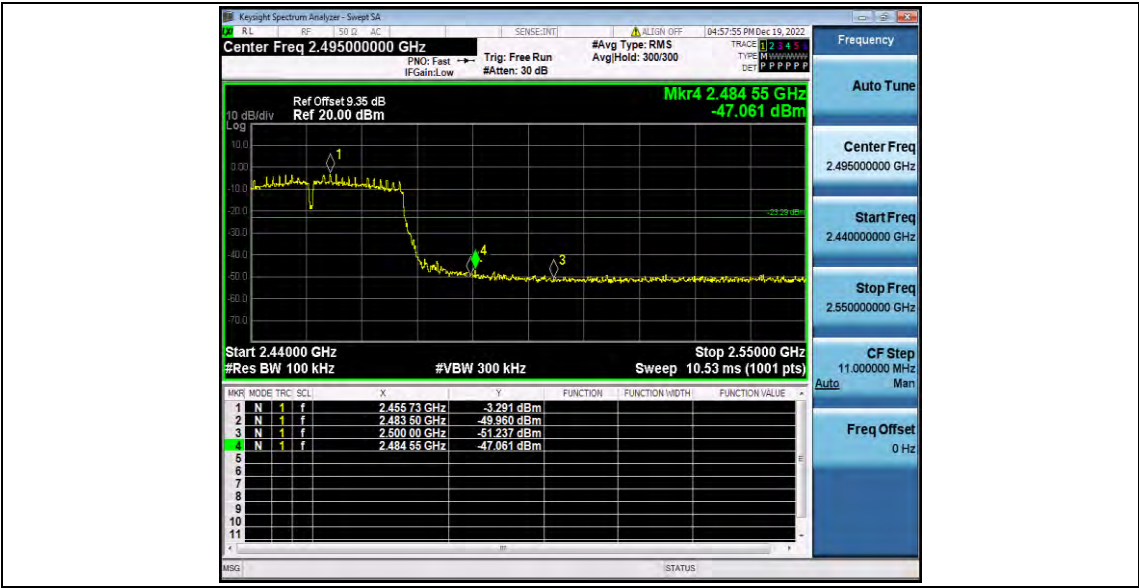
11N20SISO_Ant0_High_2462



11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452



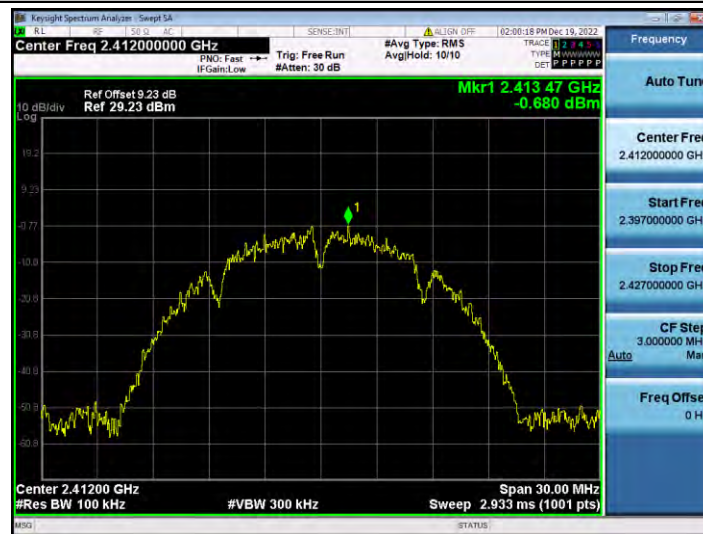
Appendix C.6: Conducted Spurious Emission

Test Result

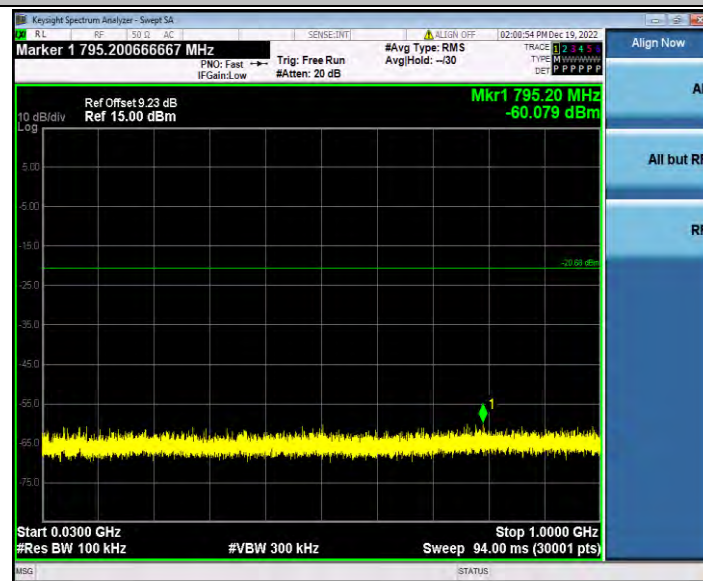
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	-0.68	-0.68	---	PASS
			30~1000	-0.68	-60.08	≤ -20.68	PASS
			1000~26500	-0.68	-47.73	≤ -20.68	PASS
		2437	Reference	-0.32	-0.32	---	PASS
			30~1000	-0.32	-59.1	≤ -20.32	PASS
			1000~26500	-0.32	-47.5	≤ -20.32	PASS
		2462	Reference	-0.11	-0.11	---	PASS
			30~1000	-0.11	-59.64	≤ -20.11	PASS
			1000~26500	-0.11	-46.48	≤ -20.11	PASS
11G	Ant0	2412	Reference	-7.35	-7.35	---	PASS
			30~1000	-7.35	-60.08	≤ -27.35	PASS
			1000~26500	-7.35	-48.42	≤ -27.35	PASS
		2437	Reference	-7.34	-7.34	---	PASS
			30~1000	-7.34	-59.55	≤ -27.34	PASS
			1000~26500	-7.34	-47.67	≤ -27.34	PASS
		2462	Reference	-6.27	-6.27	---	PASS
			30~1000	-6.27	-60.32	≤ -26.27	PASS
			1000~26500	-6.27	-47.77	≤ -26.27	PASS
11N20SISO	Ant0	2412	Reference	-4.49	-4.49	---	PASS
			30~1000	-4.49	-60.2	≤ -24.49	PASS
			1000~26500	-4.49	-47.97	≤ -24.49	PASS
		2437	Reference	-4.38	-4.38	---	PASS
			30~1000	-4.38	-59.71	≤ -24.38	PASS
			1000~26500	-4.38	-47.85	≤ -24.38	PASS
		2462	Reference	-1.92	-1.92	---	PASS
			30~1000	-1.92	-59.13	≤ -21.92	PASS
			1000~26500	-1.92	-47.26	≤ -21.92	PASS
11N40SISO	Ant0	2422	Reference	-5.31	-5.31	---	PASS
			30~1000	-5.31	-59.86	≤ -25.31	PASS
			1000~26500	-5.31	-48.02	≤ -25.31	PASS
		2437	Reference	-4.16	-4.16	---	PASS
			30~1000	-4.16	-60.06	≤ -24.16	PASS
			1000~26500	-4.16	-46.96	≤ -24.16	PASS
		2452	Reference	-4.26	-4.26	---	PASS
			30~1000	-4.26	-59.7	≤ -24.26	PASS
			1000~26500	-4.26	-46.91	≤ -24.26	PASS

Test Graphs

11B_Ant0_2412_0~Reference



11B_Ant0_2412_30~1000



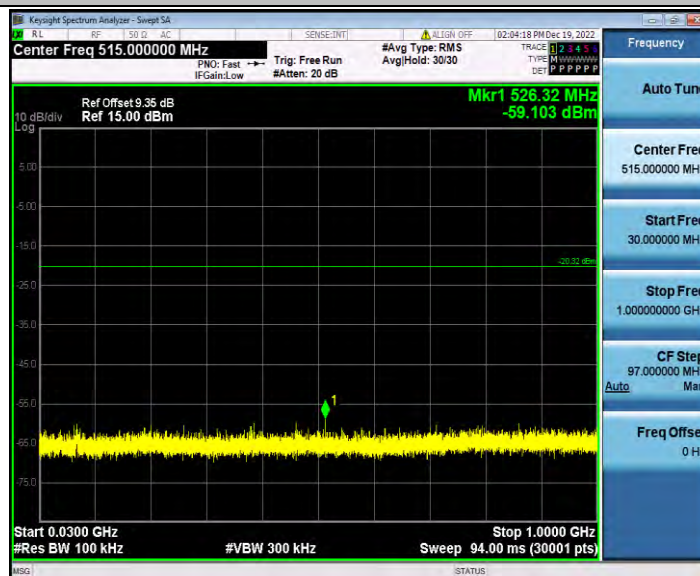
11B_Ant0_2412_1000~26500



11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



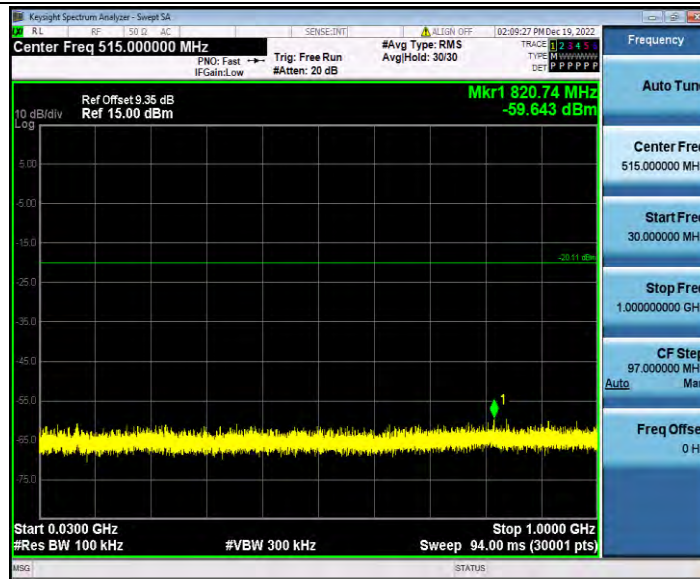
11B_Ant0_2437_1000~26500



11B_Ant0_2462_0~Reference



11B_Ant0_2462_30~1000



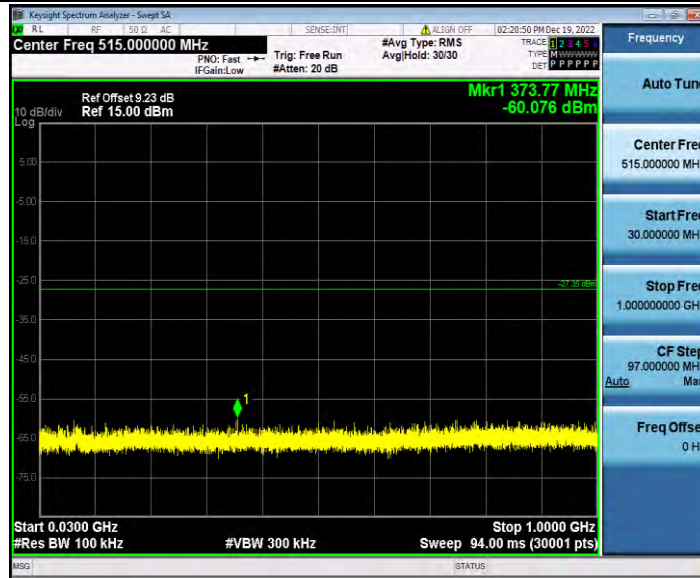
11B_Ant0_2462_1000~26500



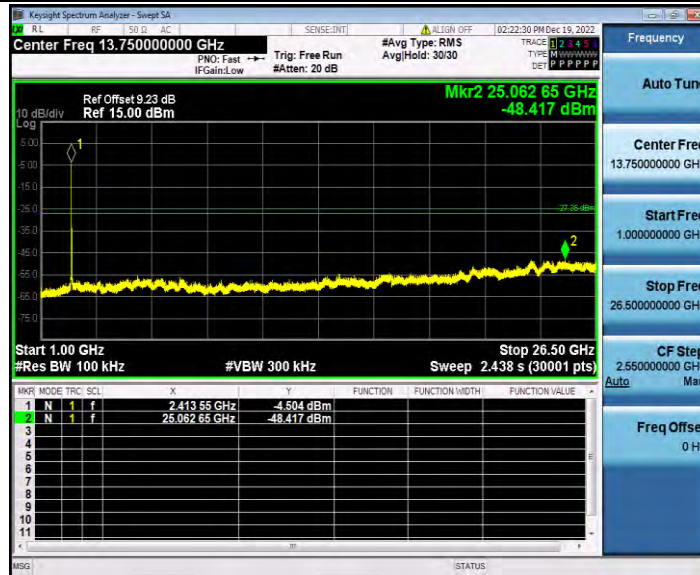
11G_Ant0_2412_0~Reference



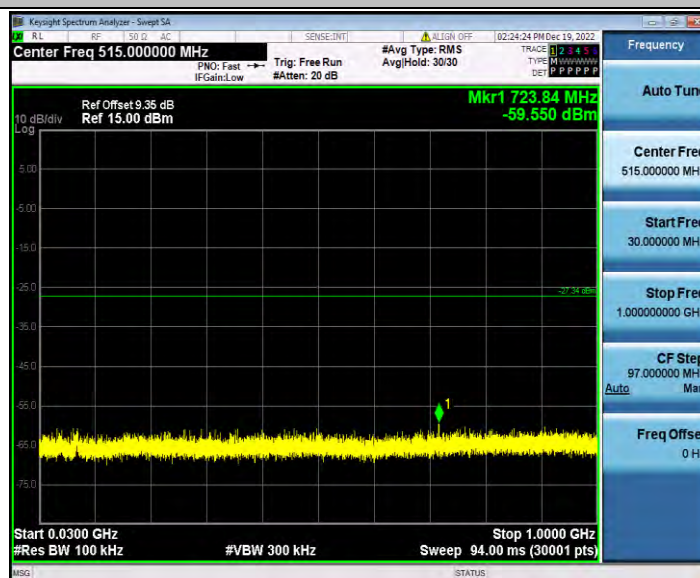
11G_Ant0_2412_30~1000



11G_Ant0_2412_1000~26500



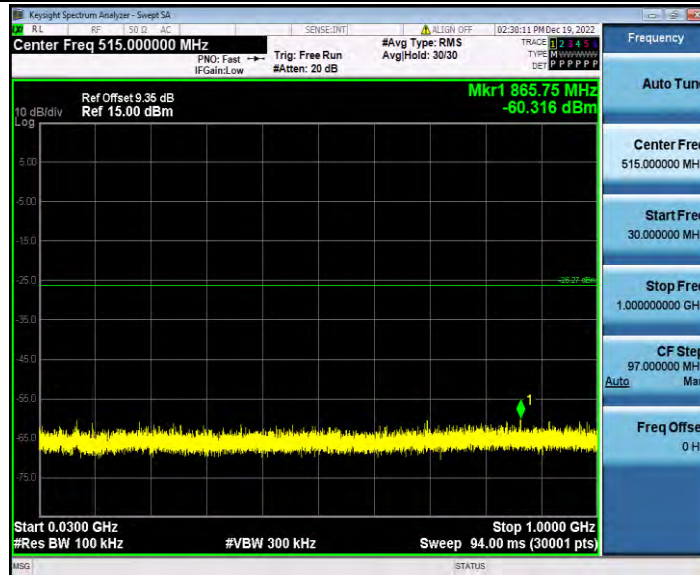
11G_Ant0_2437_0~Reference



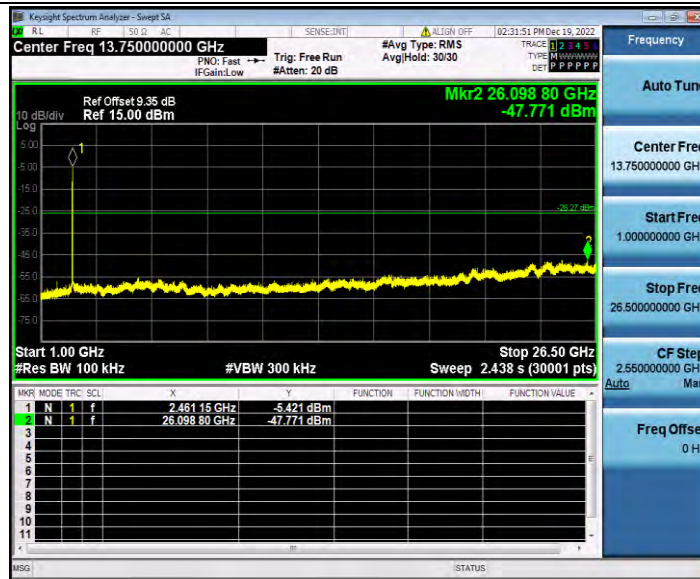
11G_Ant0_2462_0~Reference



11G_Ant0_2462_30~1000



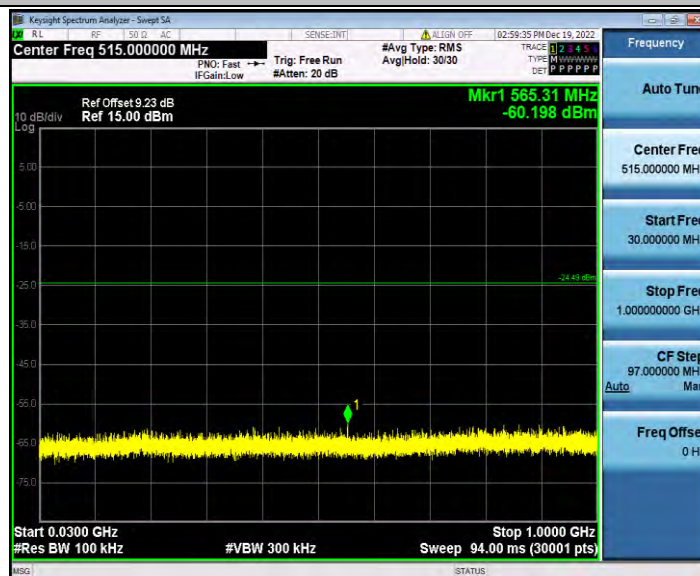
11G_Ant0_2462_1000~26500



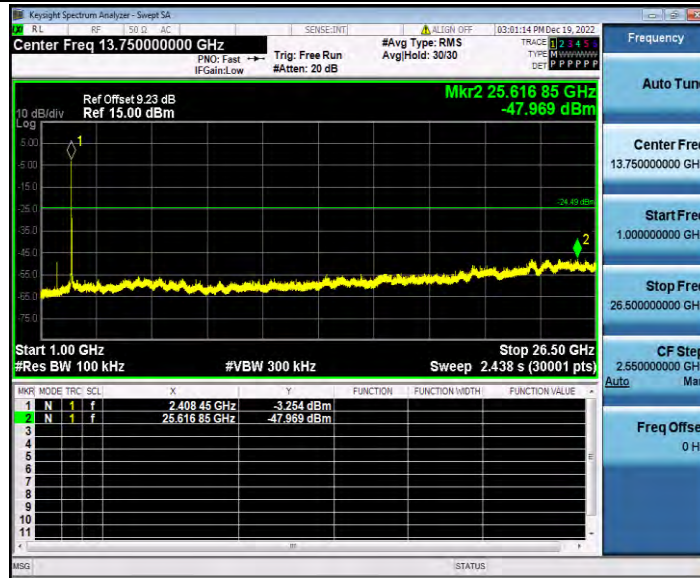
11N20SISO_Ant0_2412_0~Reference



11N20SISO_Ant0_2412_30~1000



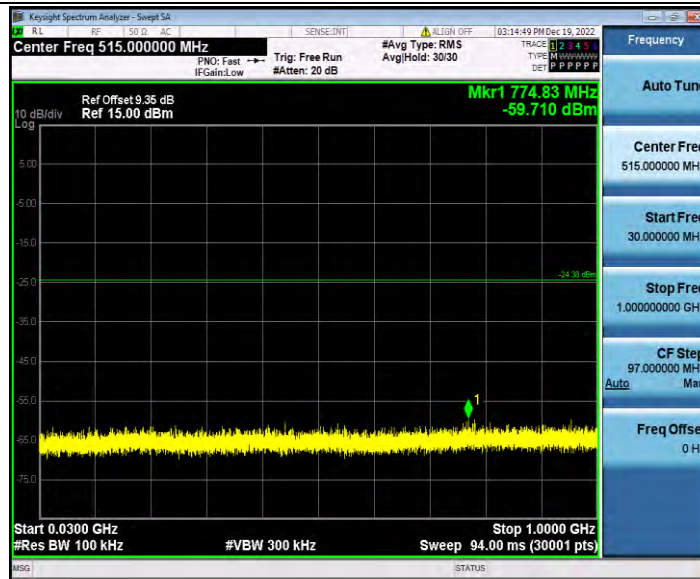
11N20SISO_Ant0_2412_1000~26500



11N20SISO_Ant0_2437_0~Reference



11N20SISO_Ant0_2437_30~1000



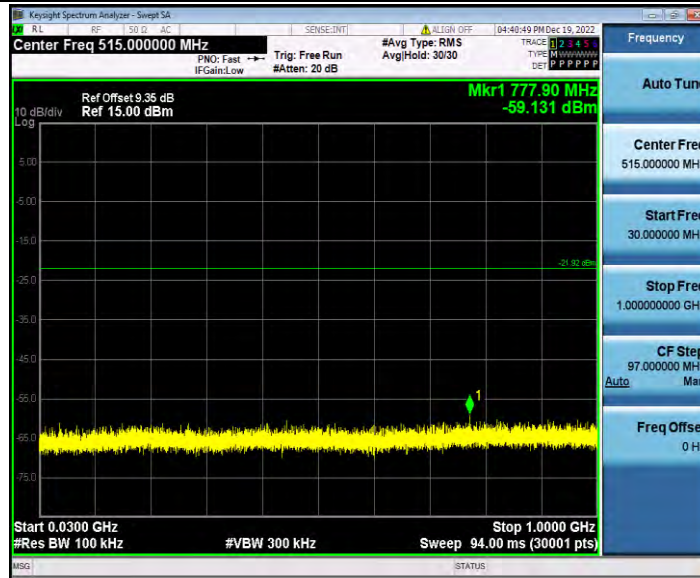
11N20SISO_Ant0_2437_1000~26500



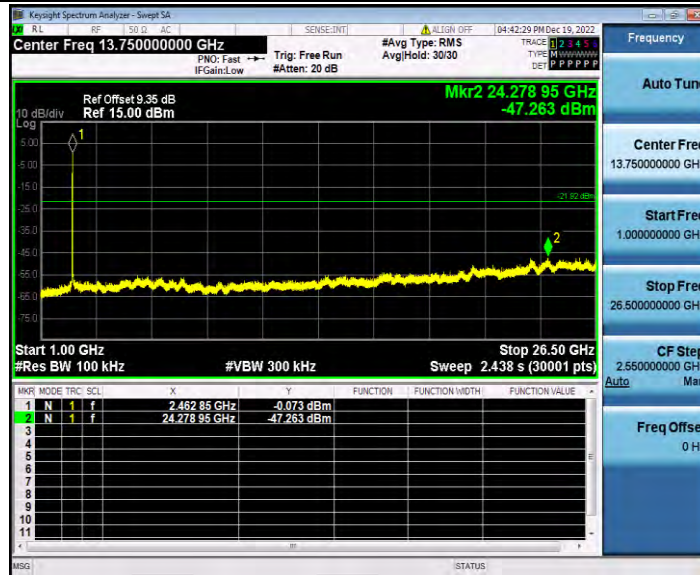
11N20SISO_Ant0_2462_0~Reference



11N20SISO_Ant0_2462_30~1000



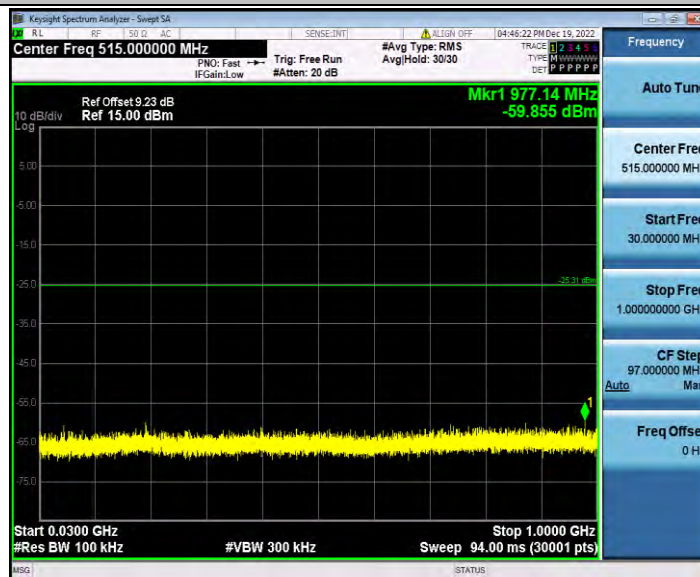
11N20SISO_Ant0_2462_1000~26500



11N40SISO_Ant0_2422_0~Reference



11N40SISO_Ant0_2422_30~1000



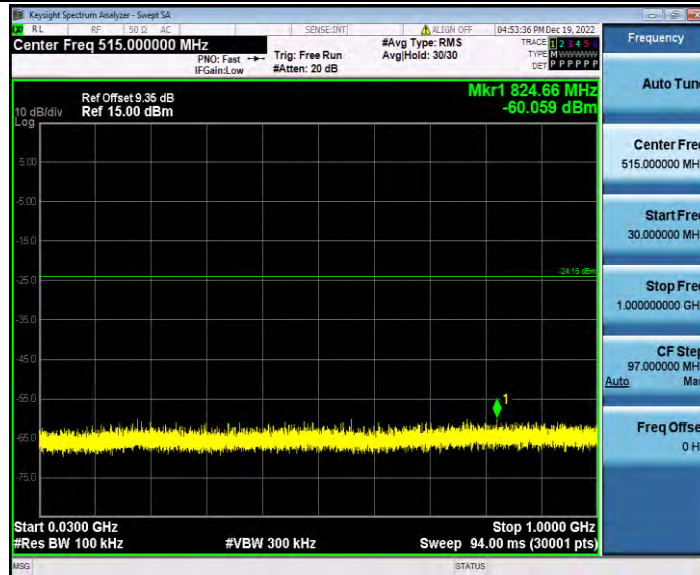
11N40SISO_Ant0_2422_1000~26500



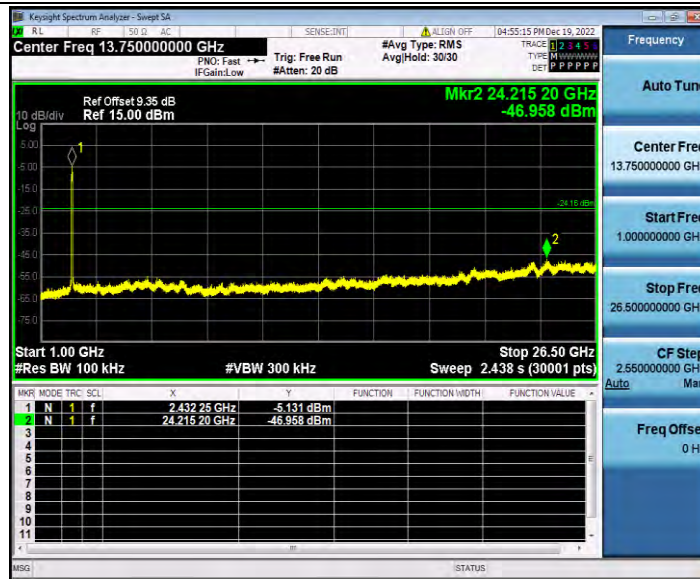
11N40SISO_Ant0_2437_0~Reference



11N40SISO_Ant0_2437_30~1000



11N40SISO_Ant0_2437_1000~26500



11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000

