

Case No. : GTS20221208007-1-12	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2022.12.29	Test Engineer: Jenny zeng

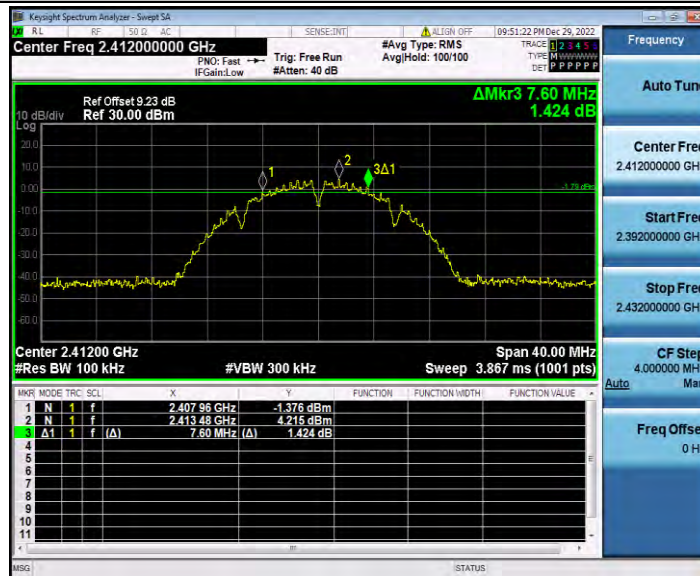
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.600	2407.960	2415.560	0.5	PASS
		2437	7.520	2433.480	2441.000	0.5	PASS
		2462	7.000	2458.520	2465.520	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.280	2428.520	2445.800	0.5	PASS
		2462	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	36.080	2404.080	2440.160	0.5	PASS
		2437	35.440	2419.720	2455.160	0.5	PASS
		2452	36.080	2434.080	2470.160	0.5	PASS

Test Graphs

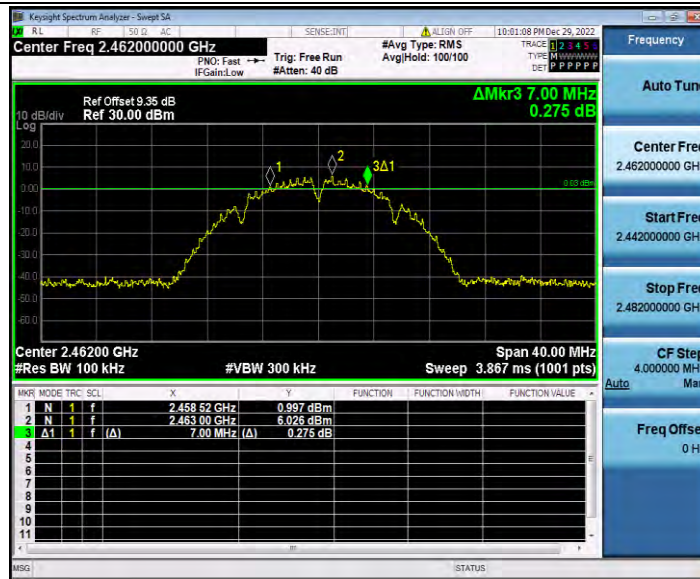
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



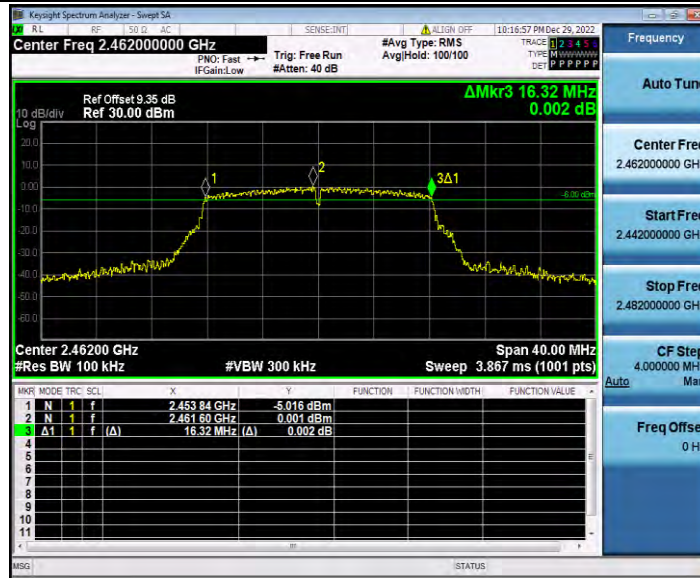
11G_Ant1_2412



11G_Ant1_2437



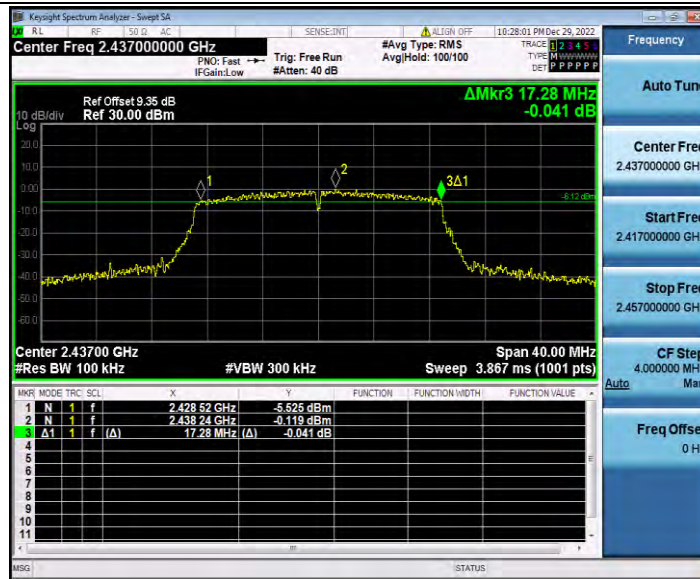
11G_Ant1_2462



11N20SISO_Ant1_2412



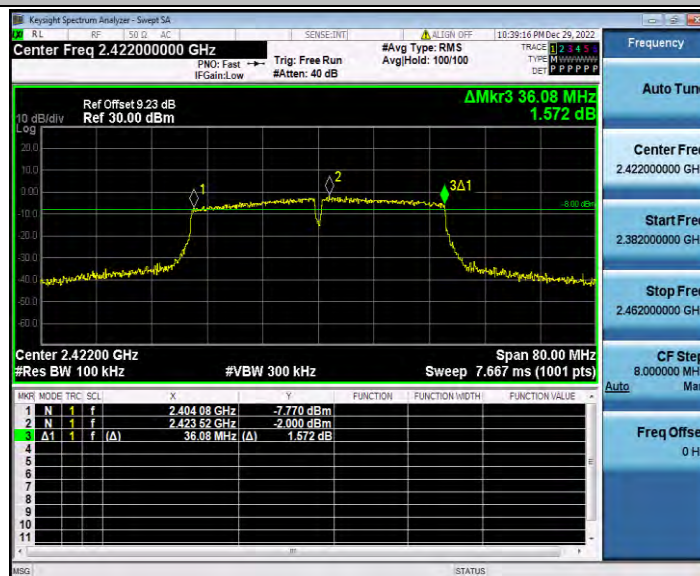
11N20SISO_Ant1_2437



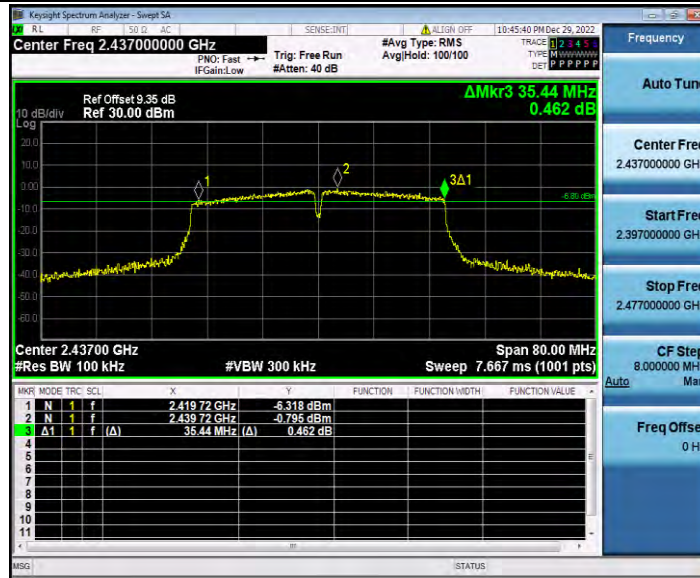
11N20SISO_Ant1_2462



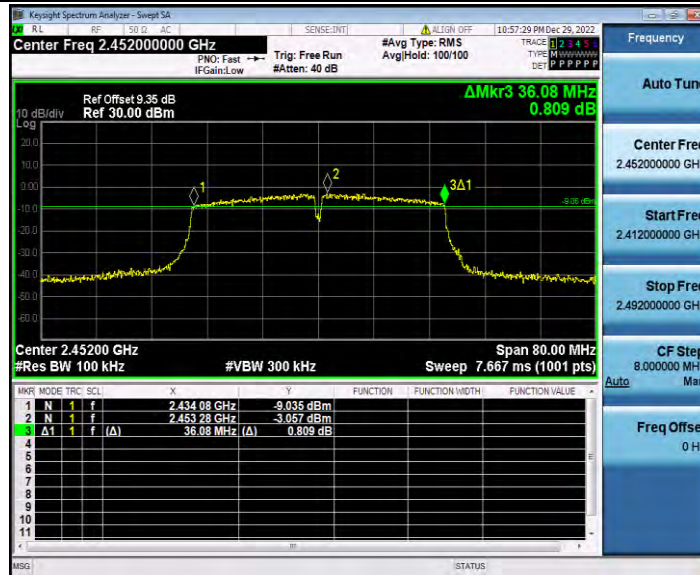
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



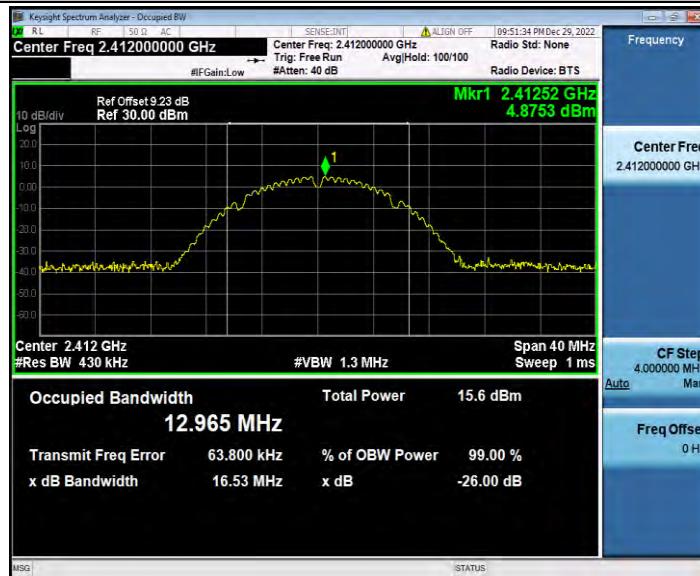
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.965	2405.581	2418.546	---	---
		2437	12.849	2430.654	2443.503	---	---
		2462	12.884	2455.591	2468.475	---	---
11G	Ant1	2412	16.932	2403.579	2420.511	---	---
		2437	16.734	2428.660	2445.394	---	---
		2462	16.848	2453.618	2470.466	---	---
11N20SISO	Ant1	2412	17.883	2403.111	2420.994	---	---
		2437	17.791	2428.174	2445.965	---	---
		2462	17.823	2453.112	2470.935	---	---
11N40SISO	Ant1	2422	36.166	2404.060	2440.226	---	---
		2437	36.077	2419.134	2455.211	---	---
		2452	36.110	2433.970	2470.080	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



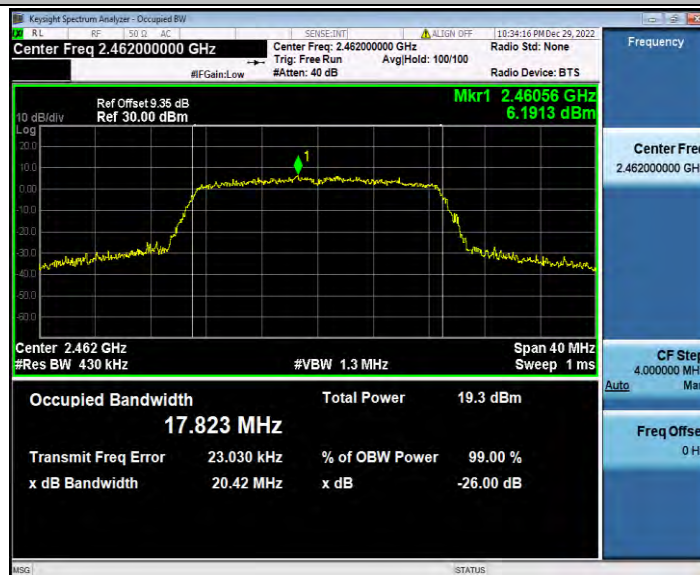
11N20SISO_Ant1_2412



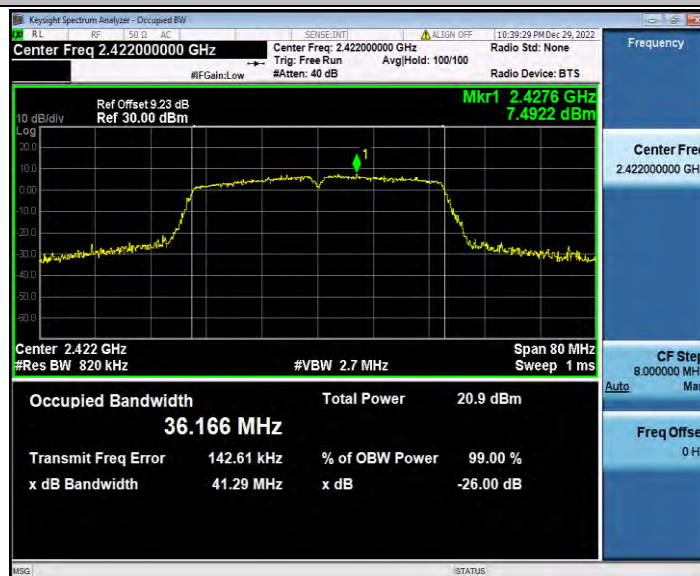
11N20SISO_Ant1_2437



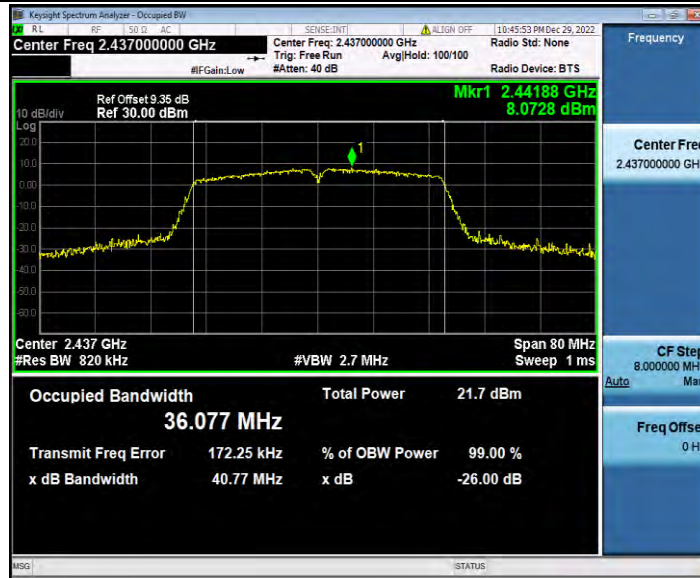
11N20SISO_Ant1_2462



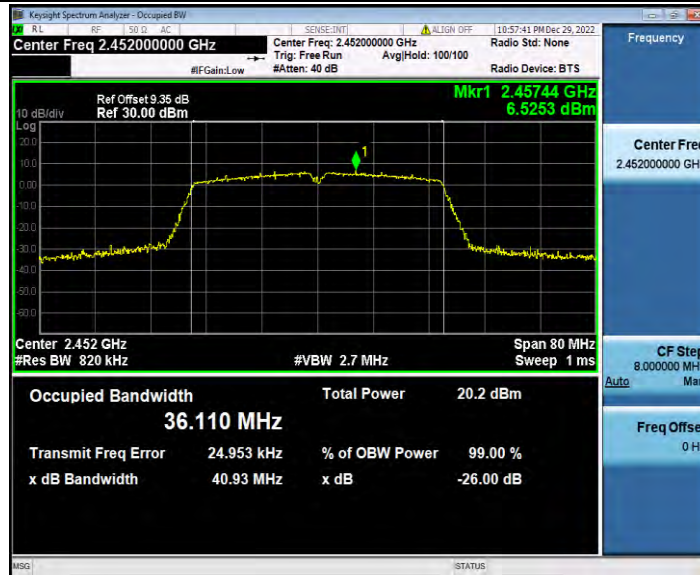
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	15.59	≤30.00	PASS
		2437	16.50	≤30.00	PASS
		2462	16.96	≤30.00	PASS
11G	Ant1	2412	19.27	≤30.00	PASS
		2437	20.45	≤30.00	PASS
		2462	20.59	≤30.00	PASS
11N20SISO	Ant1	2412	21.55	≤30.00	PASS
		2437	19.97	≤30.00	PASS
		2462	20.47	≤30.00	PASS
11N40SISO	Ant1	2422	21.27	≤30.00	PASS
		2437	22.05	≤30.00	PASS
		2452	20.48	≤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	Ant1	2412	-9.91	≤8.00	PASS
		2437	-8.82	≤8.00	PASS
		2462	-8.28	≤8.00	PASS
11G	Ant1	2412	-11.68	≤8.00	PASS
		2437	-11.25	≤8.00	PASS
		2462	-11.43	≤8.00	PASS
11N20SISO	Ant1	2412	-11.25	≤8.00	PASS
		2437	-11.63	≤8.00	PASS
		2462	-11.98	≤8.00	PASS
11N40SISO	Ant1	2422	-13.53	≤8.00	PASS
		2437	-10.56	≤8.00	PASS
		2452	-14.49	≤8.00	PASS

Test Graphs

11B_Ant1_2412



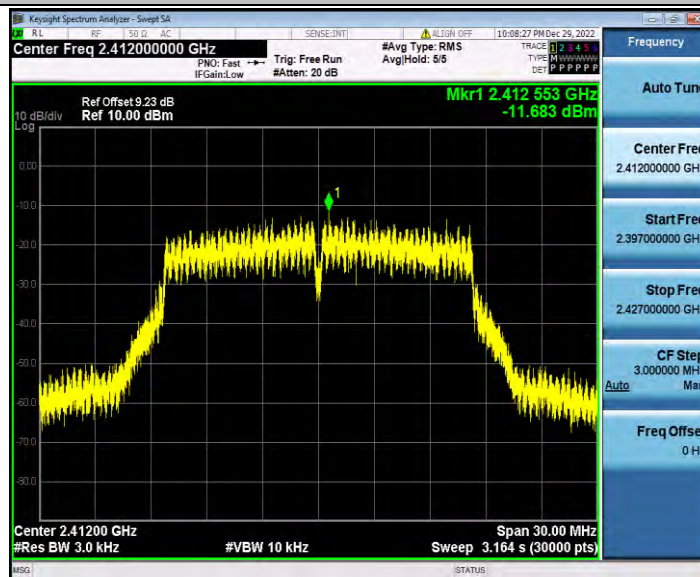
11B_Ant1_2437



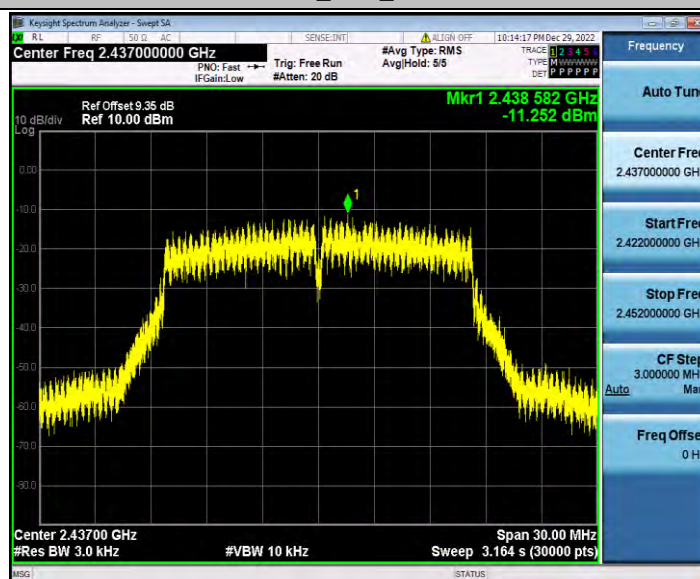
11B_Ant1_2462



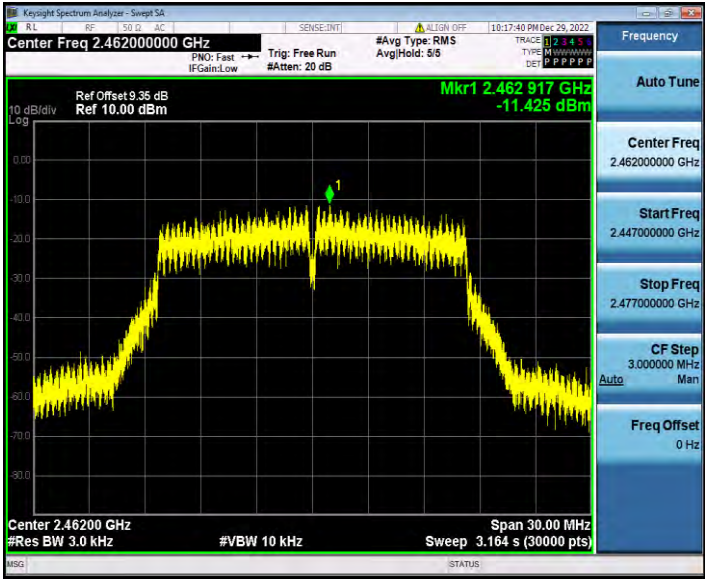
11G_Ant1_2412



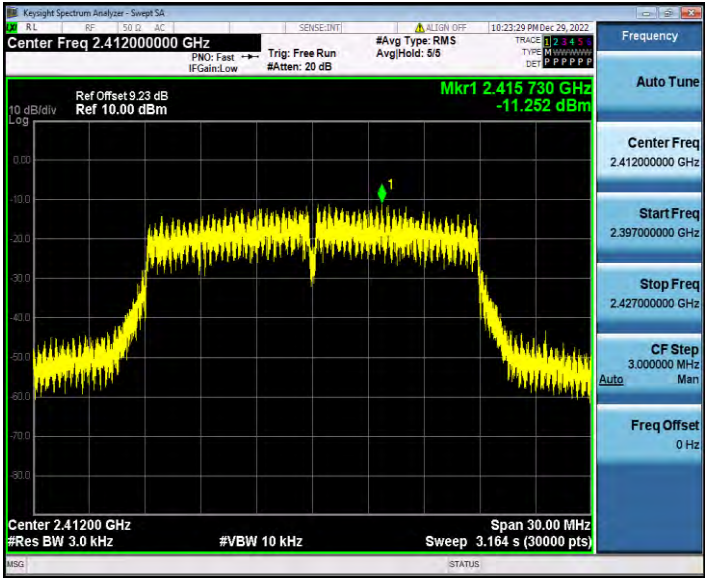
11G_Ant1_2437



11G_Ant1_2462



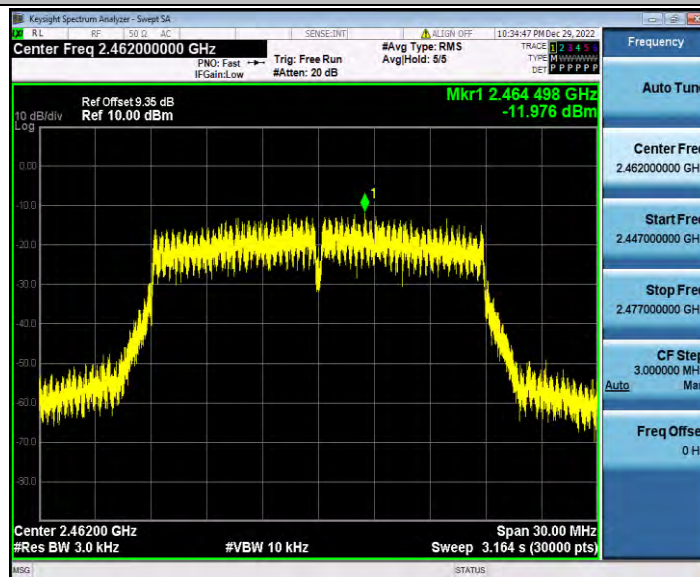
11N20SISO_Ant1_2412



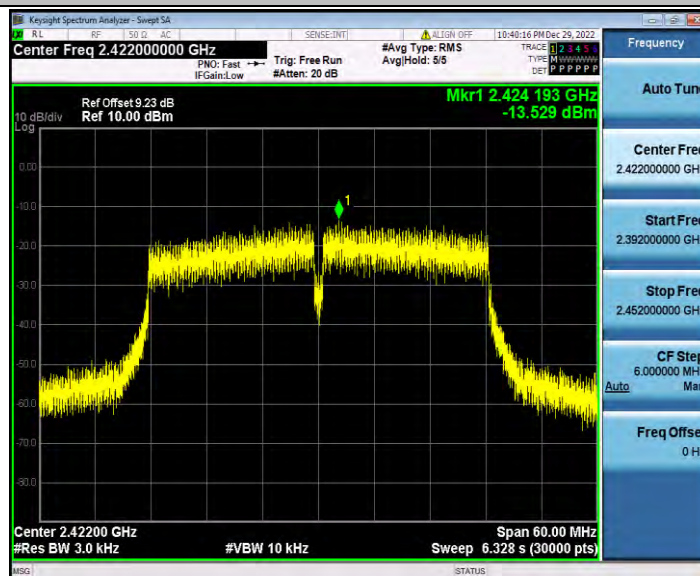
11N20SISO_Ant1_2437



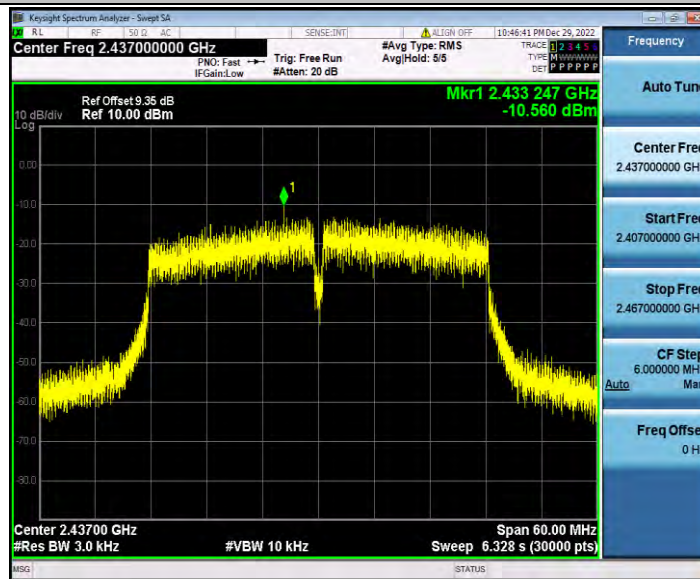
11N20SISO_Ant1_2462



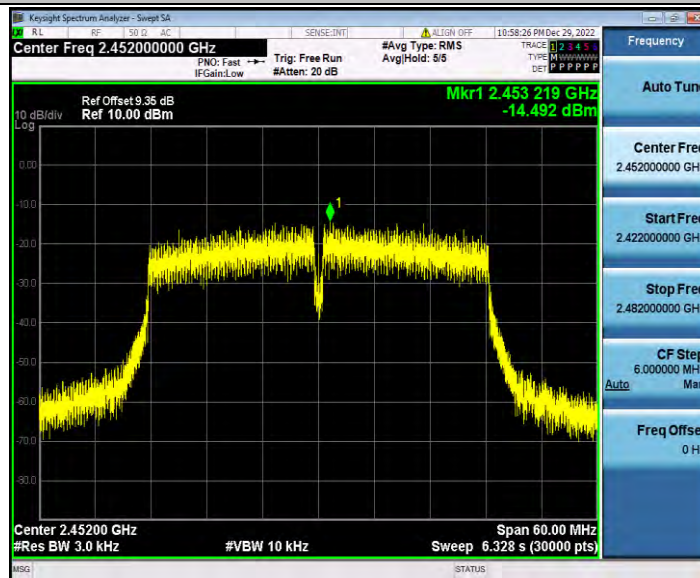
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



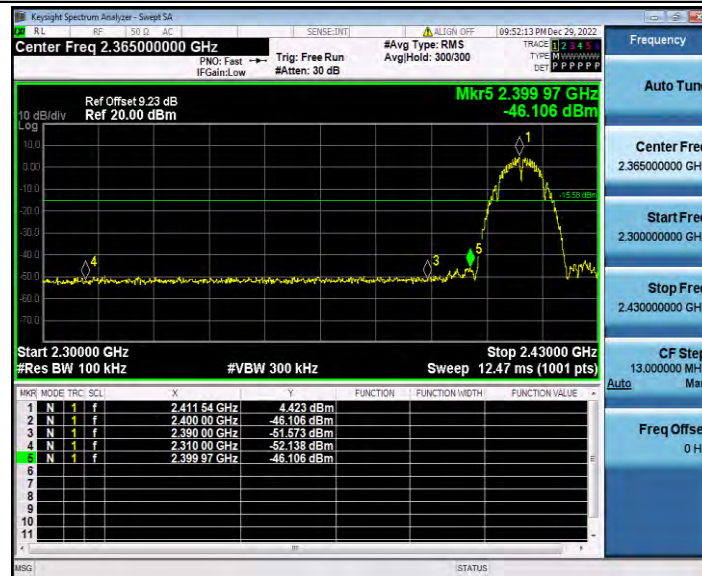
Appendix C.5: Band edge measurements

Test Result

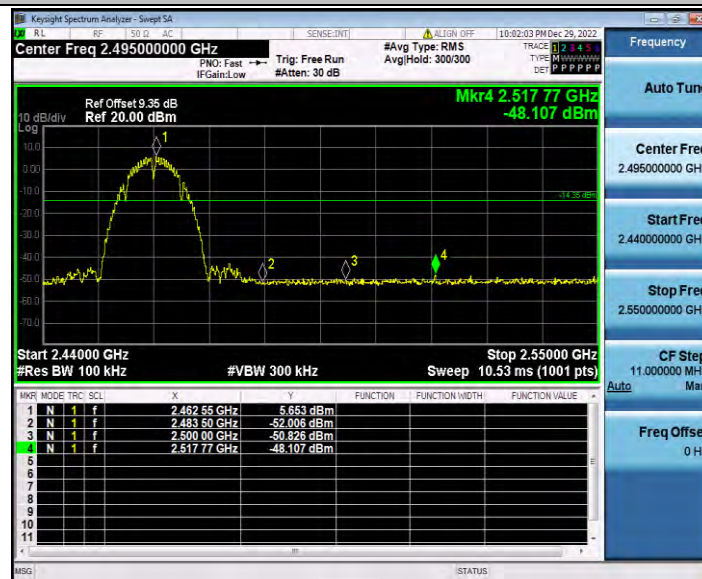
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.42	-46.11	≤-15.58	PASS
		High	2462	5.65	-48.11	≤-14.35	PASS
11G	Ant1	Low	2412	-1.21	-34.16	≤-21.21	PASS
		High	2462	0.52	-47.09	≤-19.48	PASS
11N20SISO	Ant1	Low	2412	1.37	-26.8	≤-18.63	PASS
		High	2462	0.06	-47.52	≤-19.94	PASS
11N40SISO	Ant1	Low	2422	-2.17	-33.99	≤-22.17	PASS
		High	2452	-2.77	-42.46	≤-22.77	PASS

Test Graphs

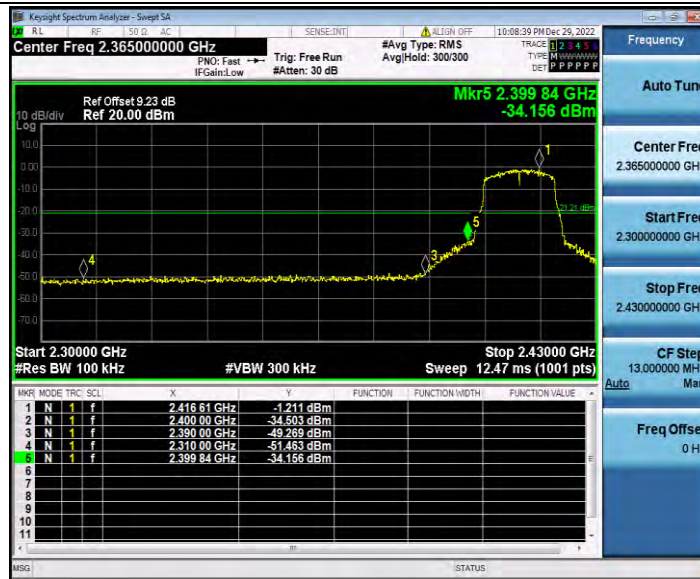
11B_Ant1_Low_2412



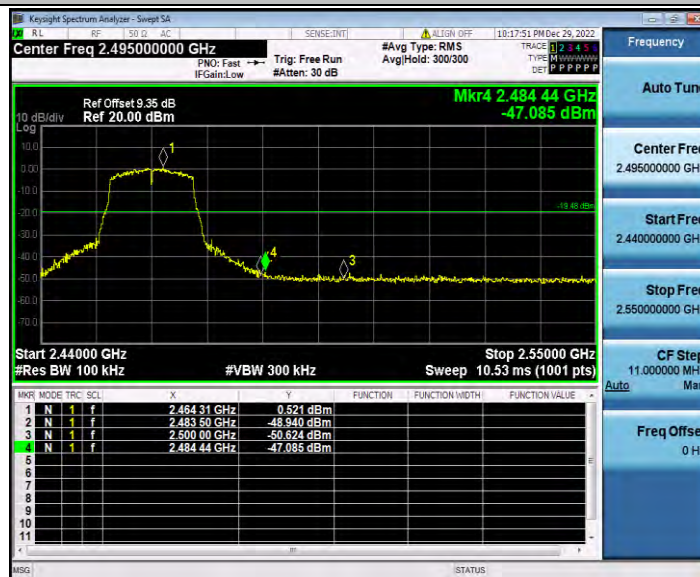
11B_Ant1_High_2462



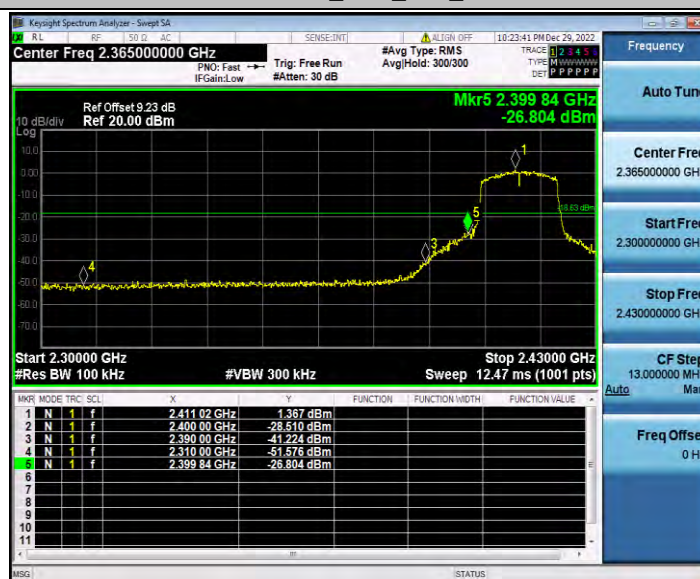
11G_Ant1_Low_2412



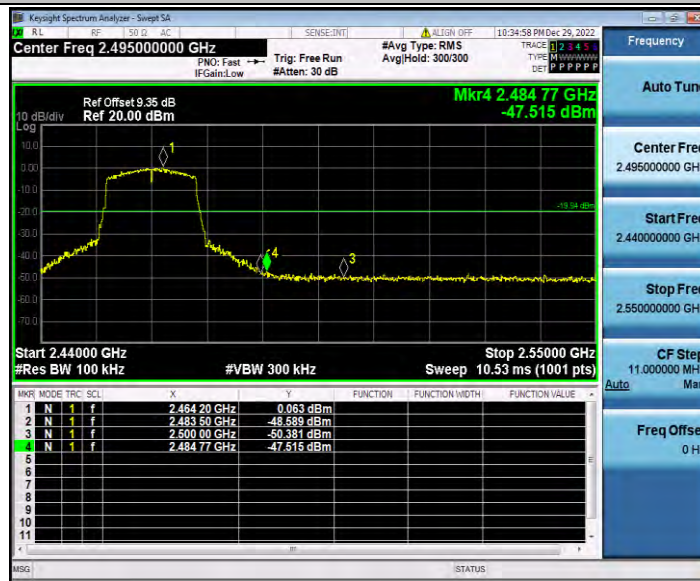
11G_Ant1_High_2462



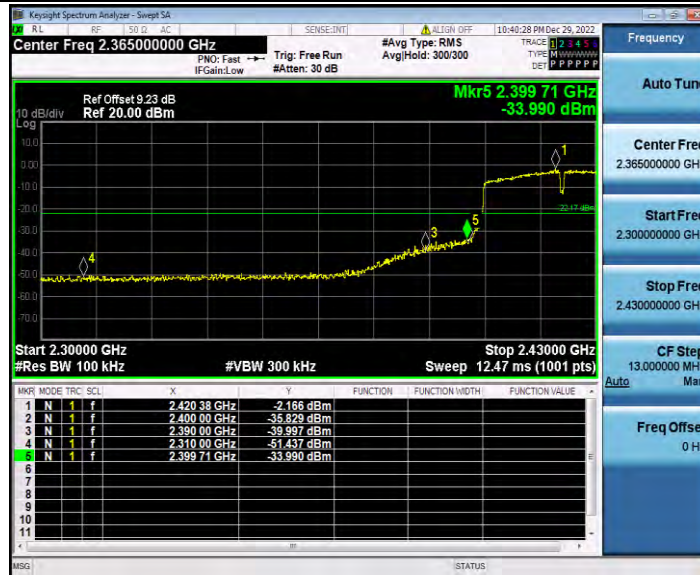
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

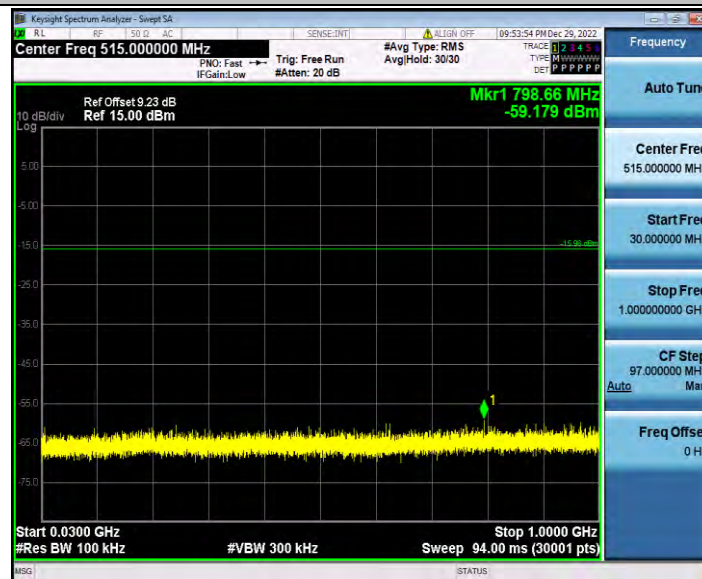
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.04	4.04	---	PASS
			30~1000	4.04	-59.18	≤ -15.96	PASS
			1000~26500	4.04	-45.69	≤ -15.96	PASS
		2437	Reference	3.46	3.46	---	PASS
			30~1000	3.46	-60.03	≤ -16.54	PASS
			1000~26500	3.46	-46.21	≤ -16.54	PASS
		2462	Reference	5.30	5.30	---	PASS
			30~1000	5.30	-59.81	≤ -14.7	PASS
			1000~26500	5.30	-46.75	≤ -14.7	PASS
11G	Ant1	2412	Reference	-1.97	-1.97	---	PASS
			30~1000	-1.97	-60.34	≤ -21.97	PASS
			1000~26500	-1.97	-47	≤ -21.97	PASS
		2437	Reference	-0.30	-0.30	---	PASS
			30~1000	-0.30	-60.09	≤ -20.3	PASS
			1000~26500	-0.30	-47.41	≤ -20.3	PASS
		2462	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-59.34	≤ -20.6	PASS
			1000~26500	-0.60	-46.78	≤ -20.6	PASS
11N20SISO	Ant1	2412	Reference	0.30	0.30	---	PASS
			30~1000	0.30	-60.08	≤ -19.7	PASS
			1000~26500	0.30	-47.07	≤ -19.7	PASS
		2437	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-59.81	≤ -20.95	PASS
			1000~26500	-0.95	-47.27	≤ -20.95	PASS
		2462	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-59.99	≤ -19.81	PASS
			1000~26500	0.19	-47.46	≤ -19.81	PASS
11N40SISO	Ant1	2422	Reference	-2.60	-2.60	---	PASS
			30~1000	-2.60	-60.2	≤ -22.6	PASS
			1000~26500	-2.60	-46.99	≤ -22.6	PASS
		2437	Reference	-2.45	-2.45	---	PASS
			30~1000	-2.45	-60.17	≤ -22.45	PASS
			1000~26500	-2.45	-47.74	≤ -22.45	PASS
		2452	Reference	-2.78	-2.78	---	PASS
			30~1000	-2.78	-59.73	≤ -22.78	PASS
			1000~26500	-2.78	-47.48	≤ -22.78	PASS

Test Graphs

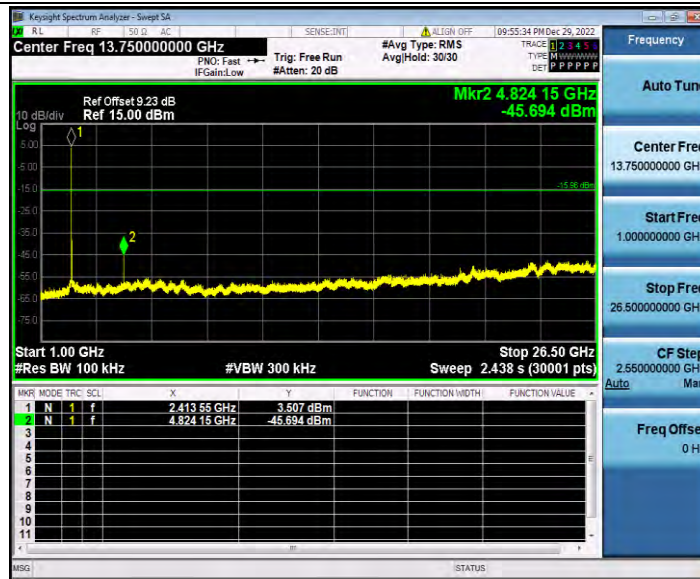
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



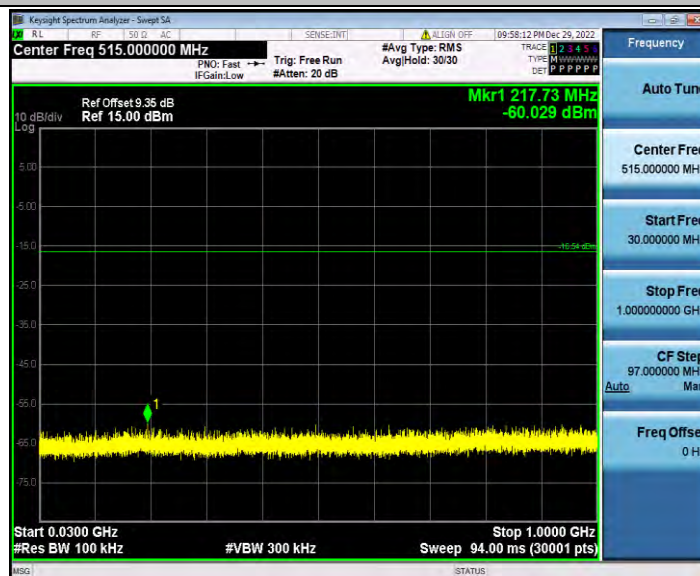
11B_Ant1_2412_1000~26500



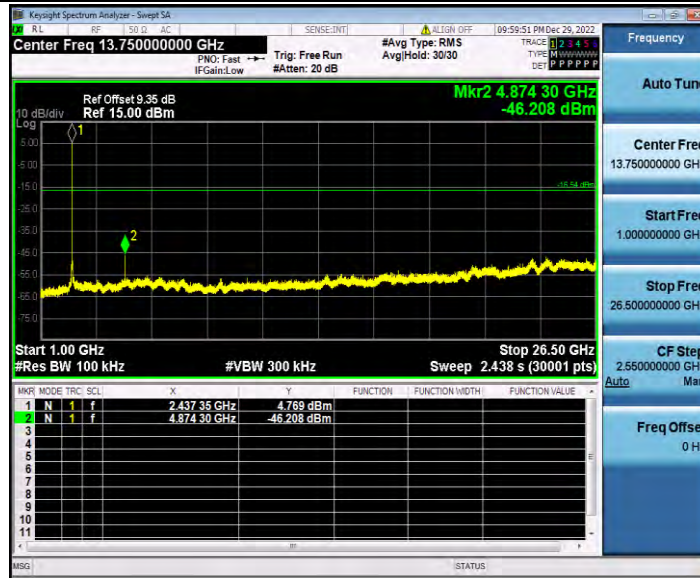
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



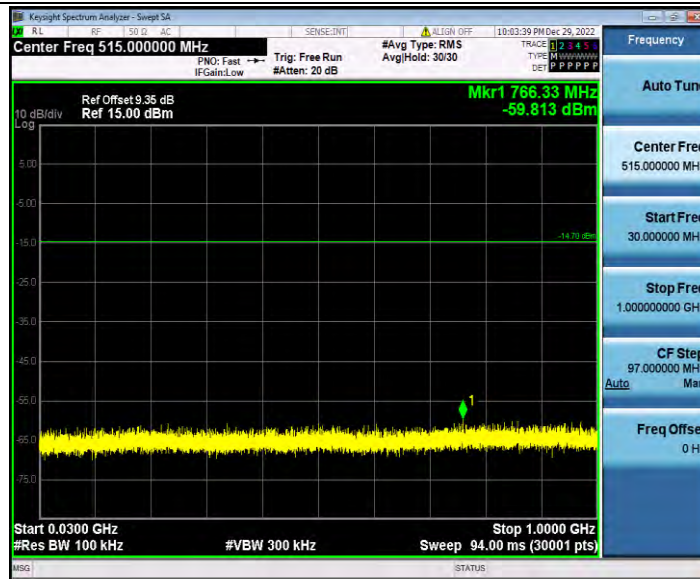
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



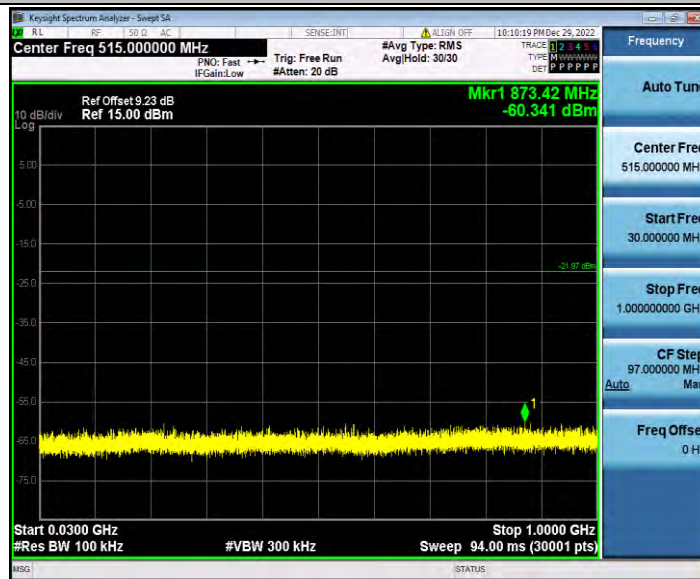
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



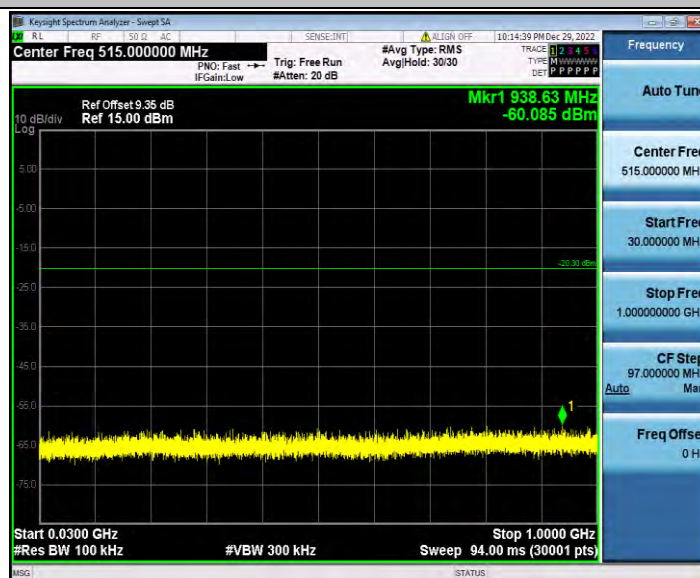
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



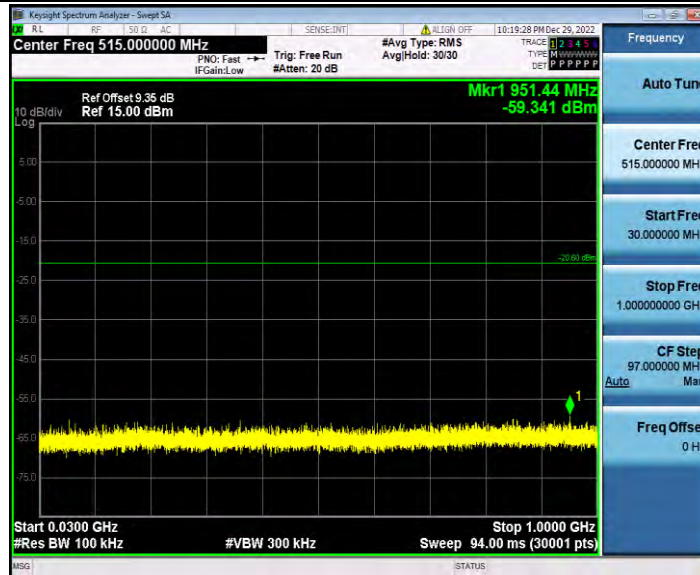
11G_Ant1_2437_0~Reference



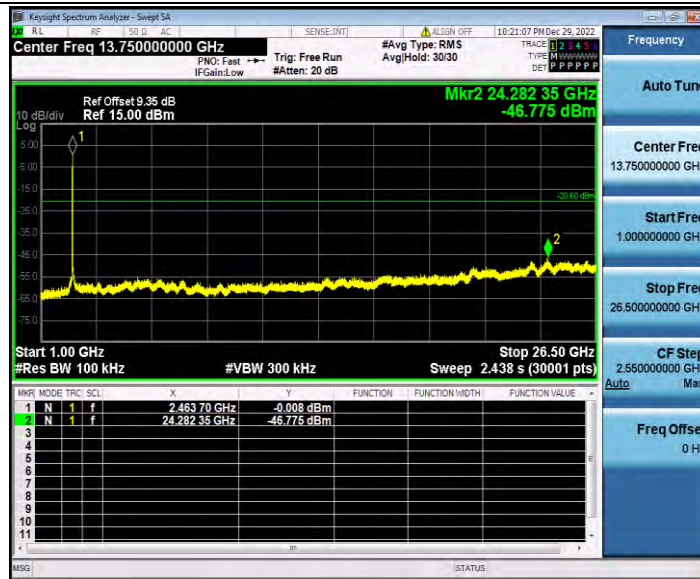
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



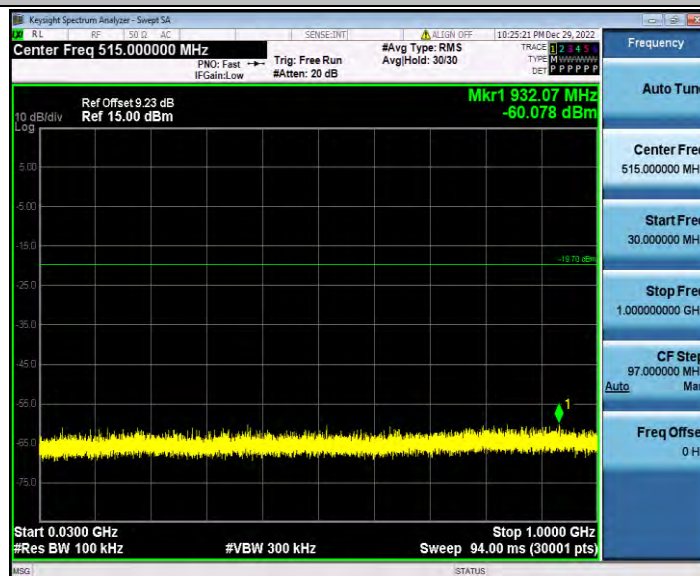
11G_Ant1_2462_1000~26500



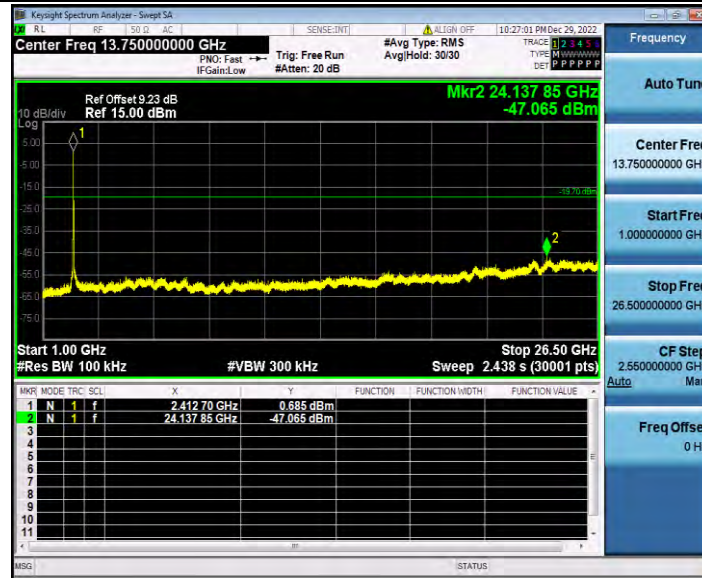
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



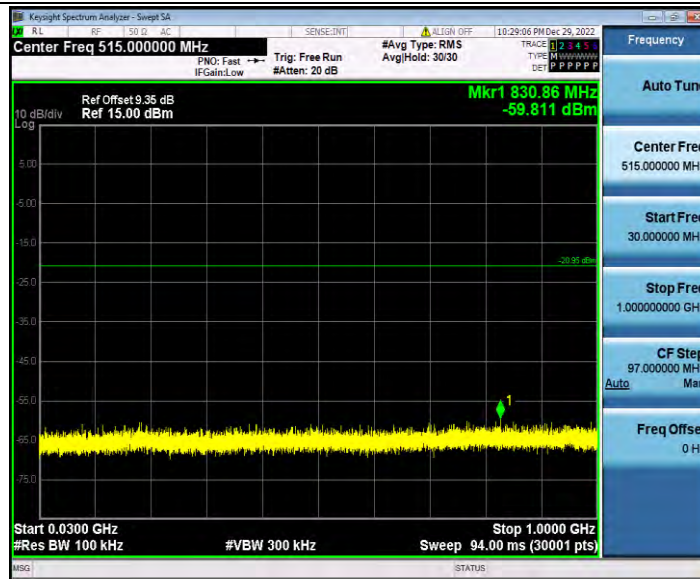
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



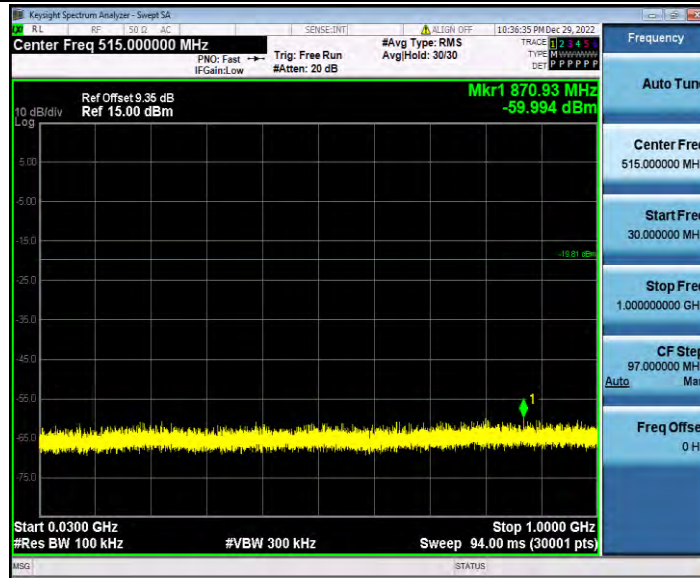
11N20SISO_Ant1_2437_1000~26500



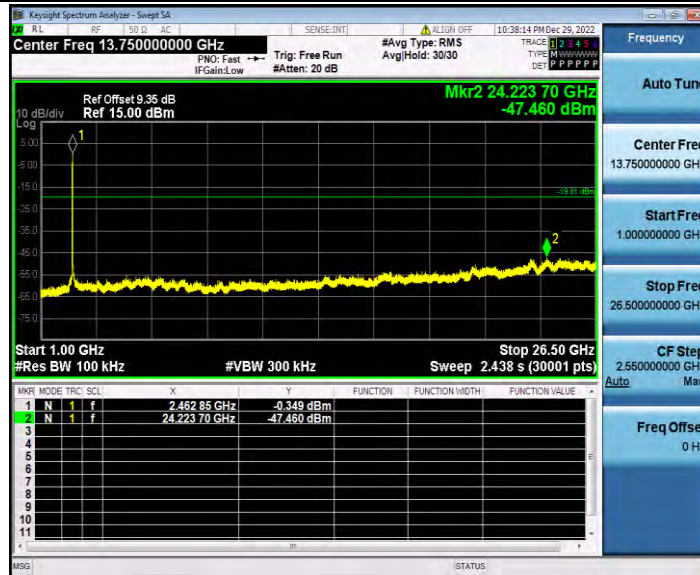
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



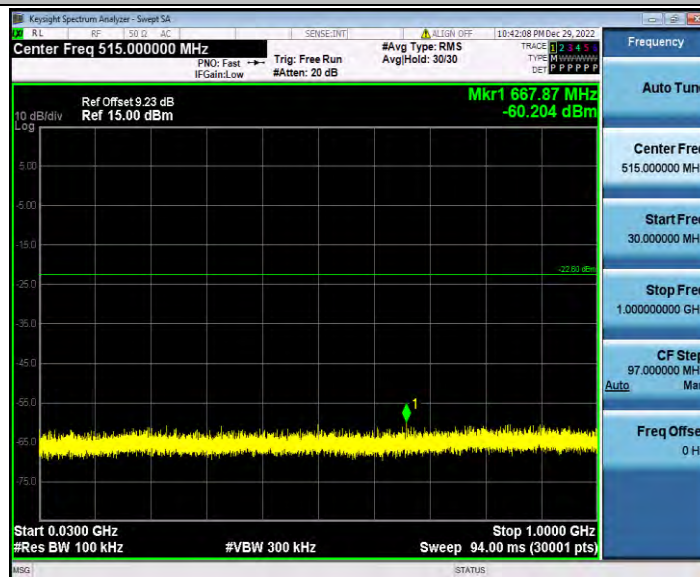
11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



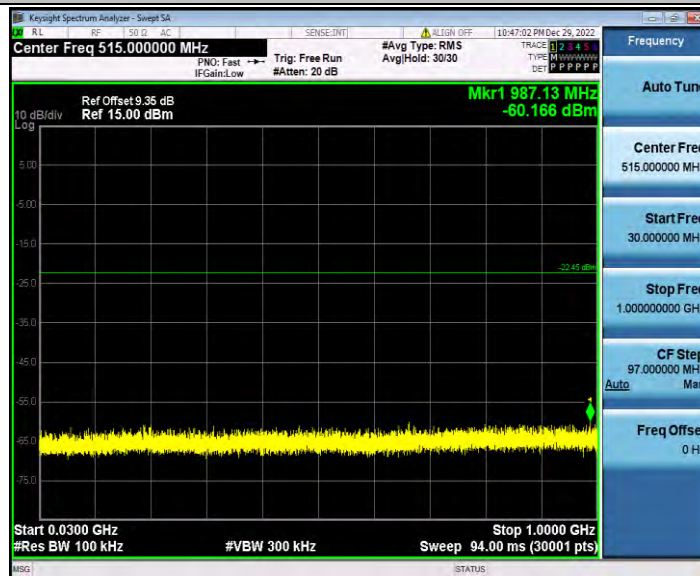
11N40SISO_Ant1_2422_1000~26500



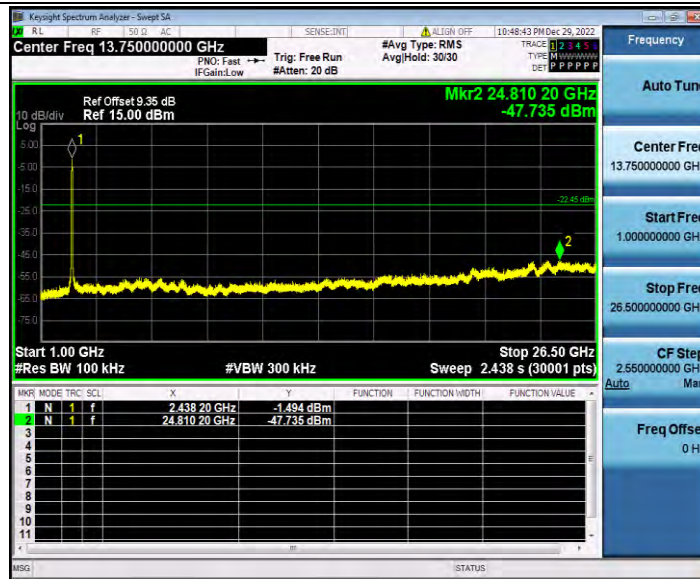
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



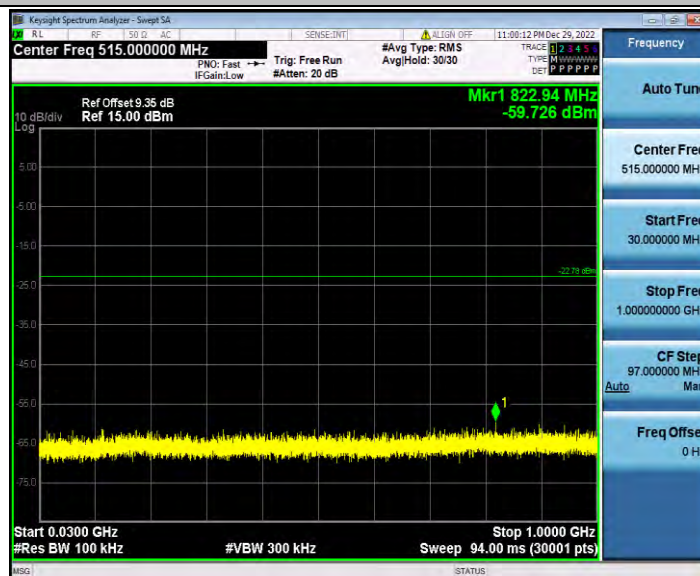
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

