

Case No. : GTS20220615008-1-2	
Ambient Condition: 22 °C, 43 %RH,	
Test Date: 2022/6/22	Test Engineer: Jenny Zeng

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.280	2407.320	2416.600	0.5	PASS
		2437	10.000	2432.080	2442.080	0.5	PASS
		2462	9.520	2457.080	2466.600	0.5	PASS
11G	Ant1	2412	16.320	2403.920	2420.240	0.5	PASS
		2437	16.320	2428.920	2445.240	0.5	PASS
		2462	16.360	2453.880	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.320	2420.880	0.5	PASS
		2437	17.640	2428.280	2445.920	0.5	PASS
		2462	17.840	2453.160	2471.000	0.5	PASS
11N40SISO	Ant1	2422	35.040	2405.200	2440.240	0.5	PASS
		2437	35.520	2419.480	2455.000	0.5	PASS
		2452	35.280	2434.560	2469.840	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



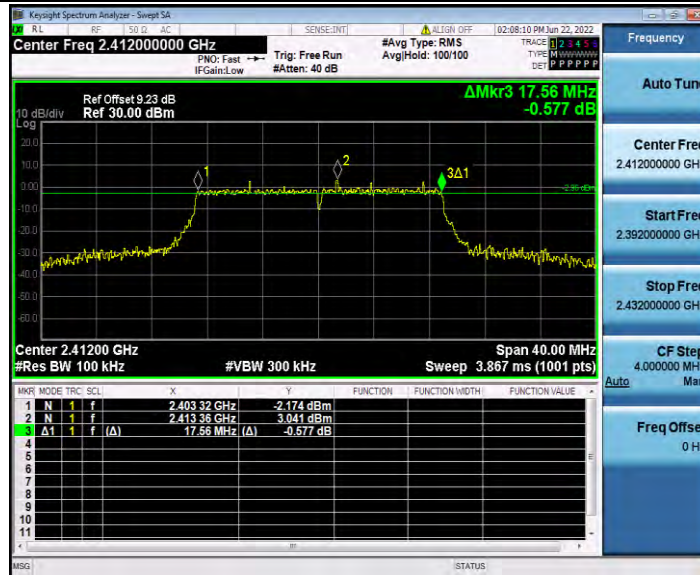
11G_Ant1_2437



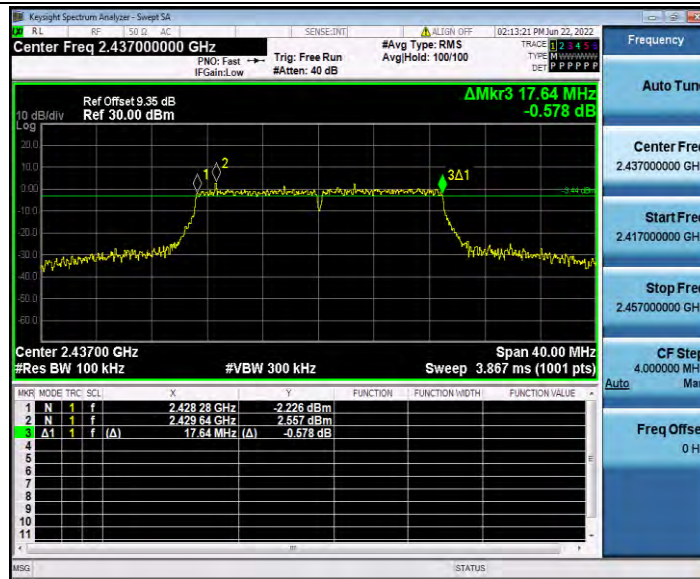
11G_Ant1_2462



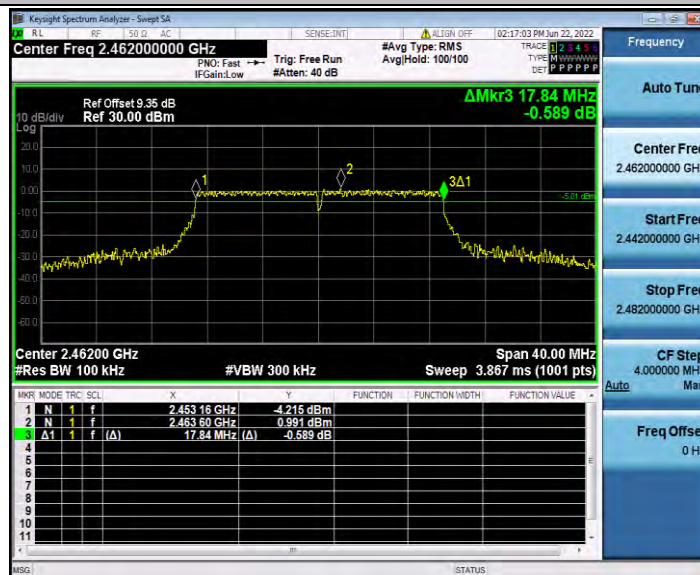
11N20SISO_Ant1_2412



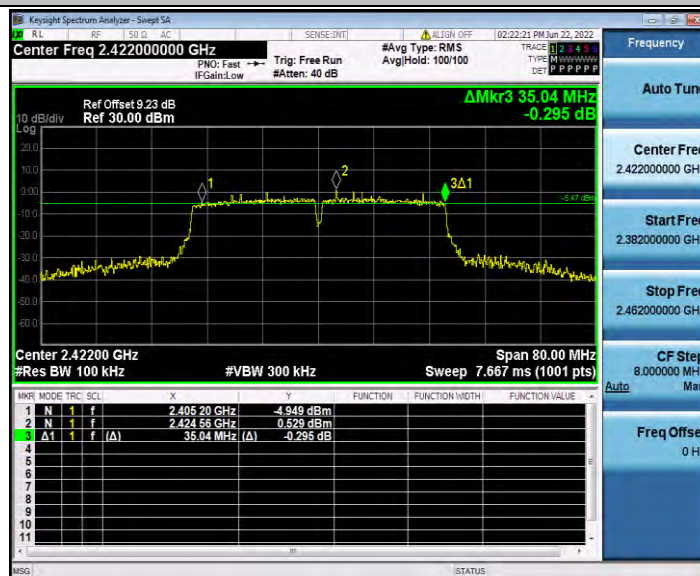
11N20SISO_Ant1_2437



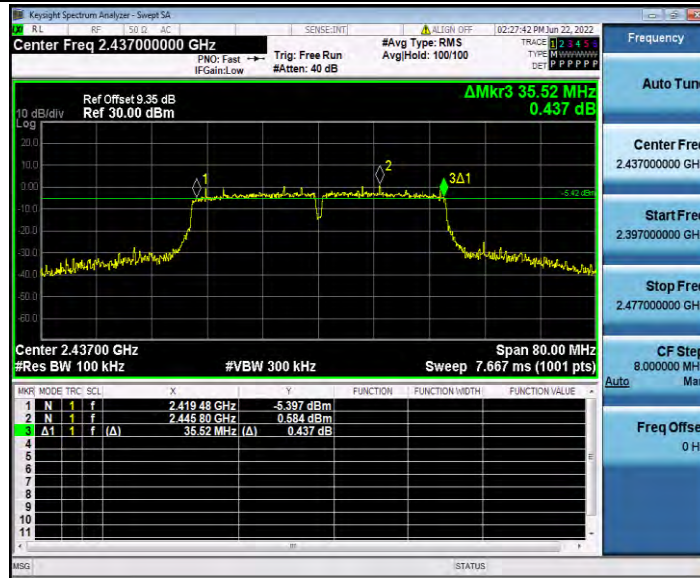
11N20SISO_Ant1_2462



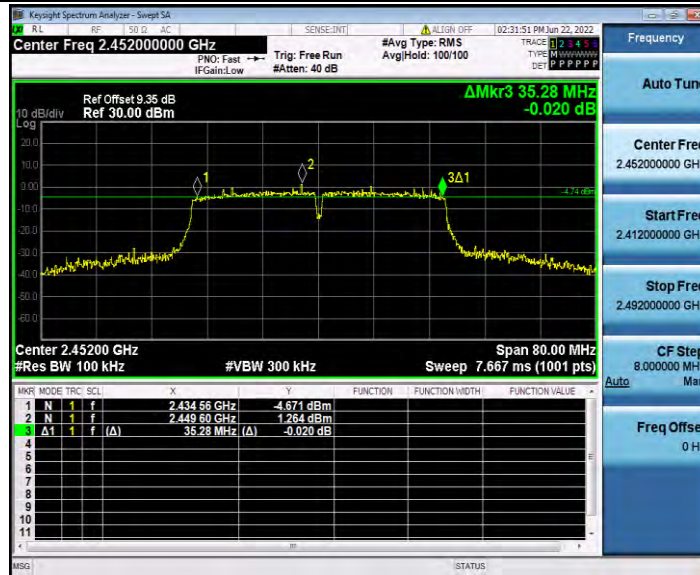
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



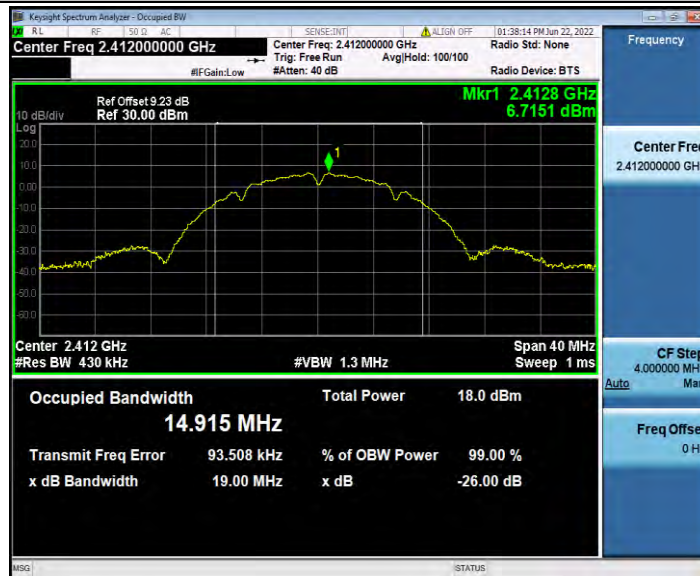
Appendix B.2: Occupied Channel Bandwidth

Test Result

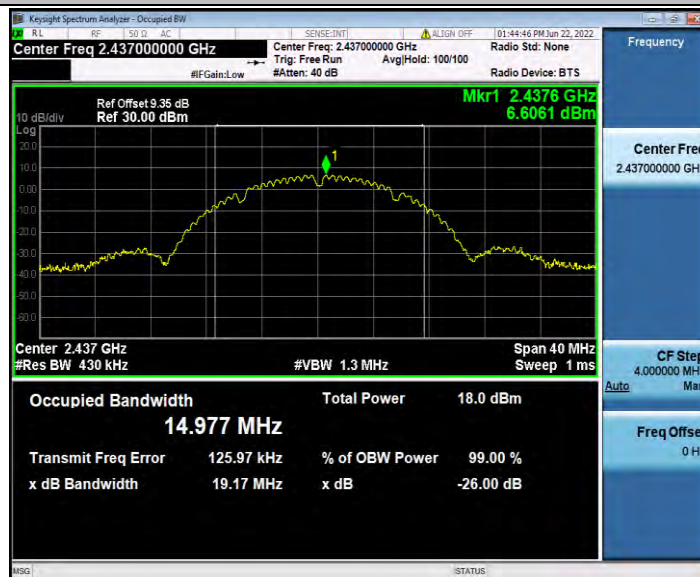
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.915	2404.636	2419.551	---	---
		2437	14.977	2429.637	2444.614	---	---
		2462	14.960	2454.604	2469.564	---	---
11G	Ant1	2412	17.905	2403.164	2421.069	---	---
		2437	17.785	2428.228	2446.013	---	---
		2462	17.696	2453.234	2470.930	---	---
11N20SISO	Ant1	2412	18.308	2402.933	2421.241	---	---
		2437	18.323	2427.950	2446.273	---	---
		2462	18.343	2452.908	2471.251	---	---
11N40SISO	Ant1	2422	36.634	2403.849	2440.483	---	---
		2437	36.541	2418.883	2455.424	---	---
		2452	36.495	2433.903	2470.398	---	---

Test Graphs

11B_Ant1_2412



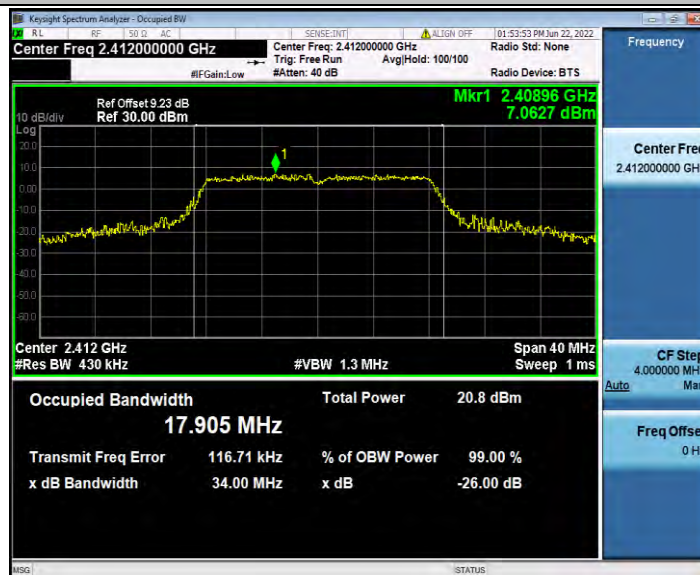
11B_Ant1_2437



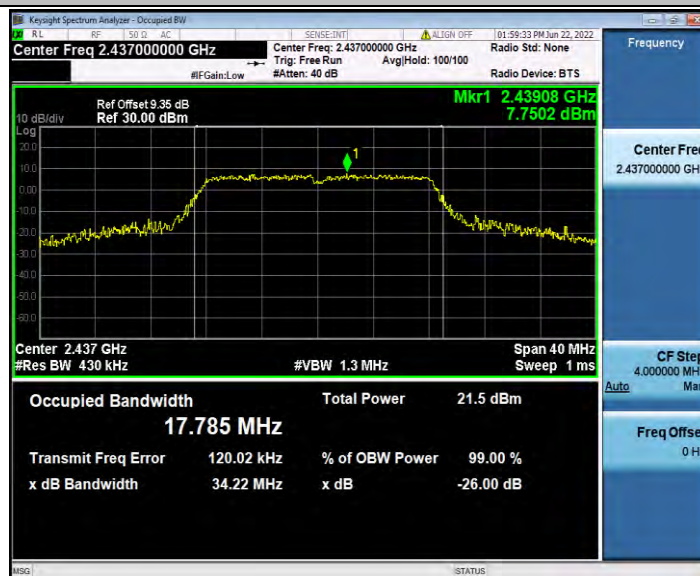
11B_Ant1_2462



11G_Ant1_2412



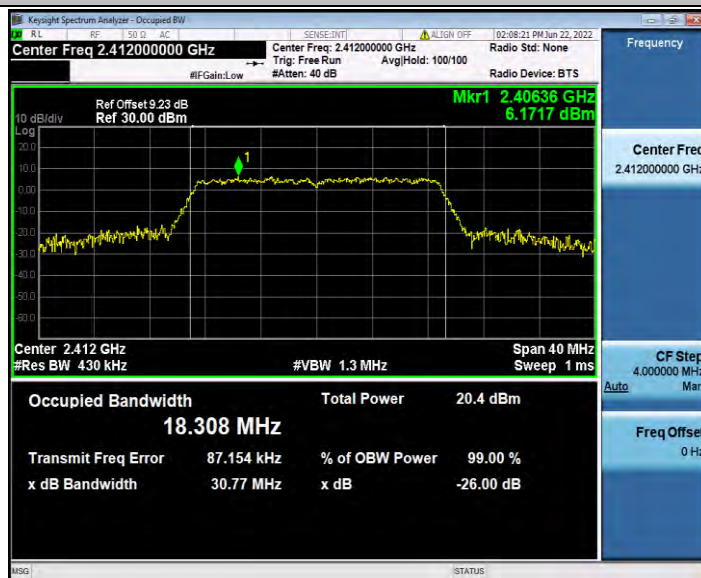
11G_Ant1_2437



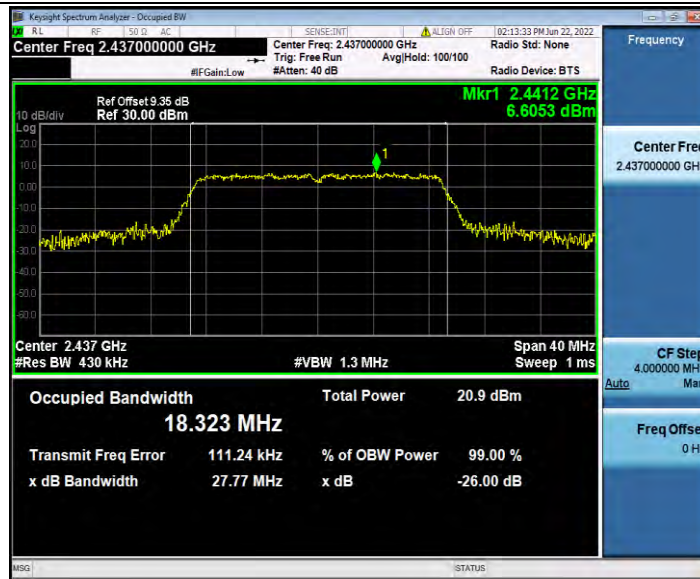
11G_Ant1_2462



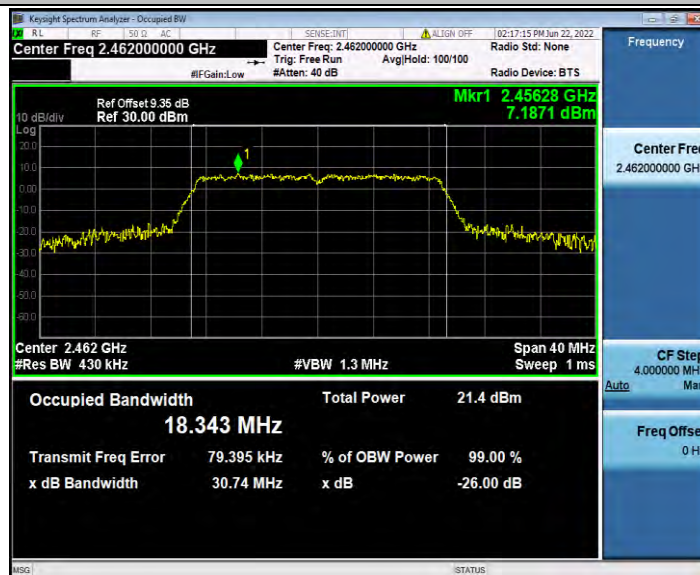
11N20SISO_Ant1_2412



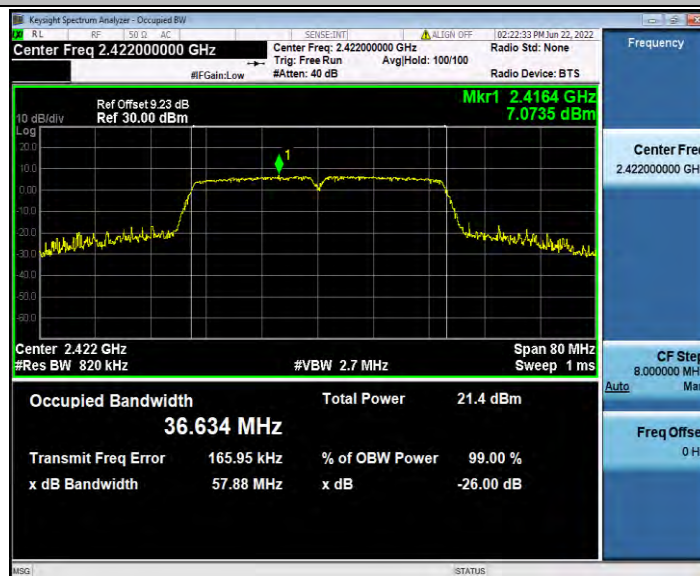
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



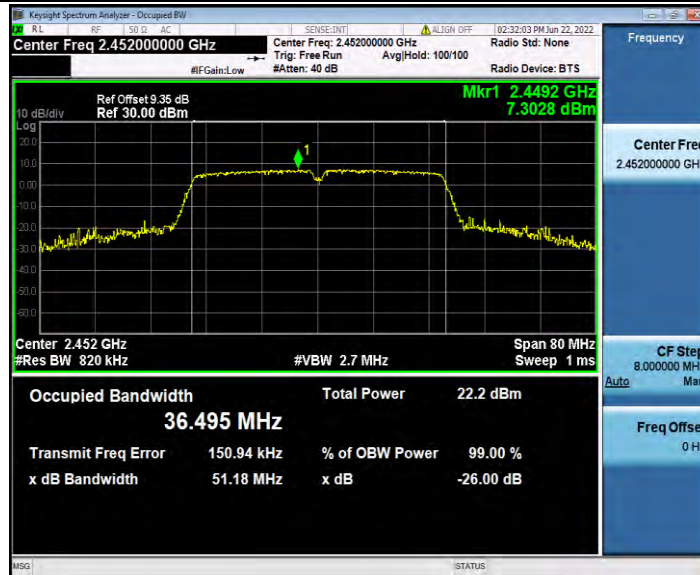
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



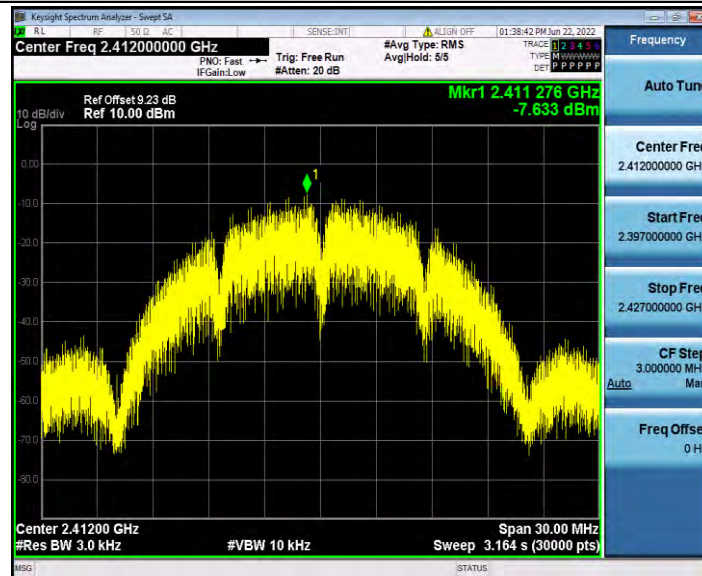
Appendix B.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.63	≤8.00	PASS
		2437	-11.13	≤8.00	PASS
		2462	-11.15	≤8.00	PASS
11G	Ant1	2412	-12.97	≤8.00	PASS
		2437	-10.99	≤8.00	PASS
		2462	-11.46	≤8.00	PASS
11N20SISO	Ant1	2412	-13.08	≤8.00	PASS
		2437	-12.71	≤8.00	PASS
		2462	-12.11	≤8.00	PASS
11N40SISO	Ant1	2422	-15.7	≤8.00	PASS
		2437	-14.25	≤8.00	PASS
		2452	-13.49	≤8.00	PASS

Test Graphs

11B_Ant1_2412



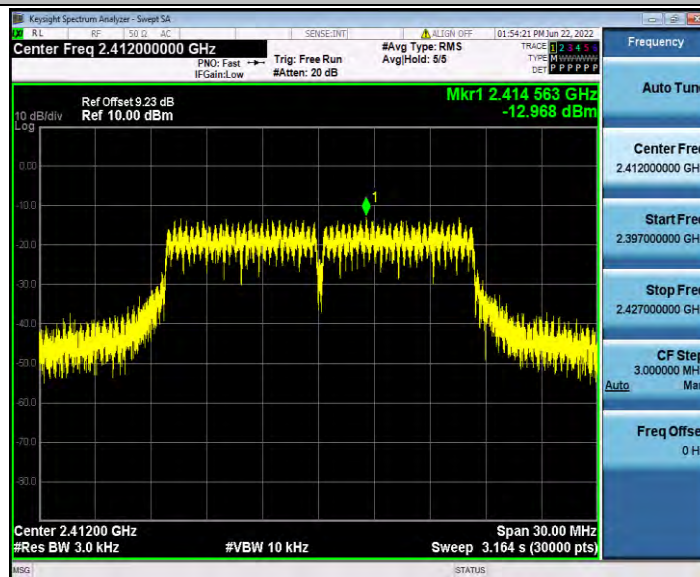
11B_Ant1_2437



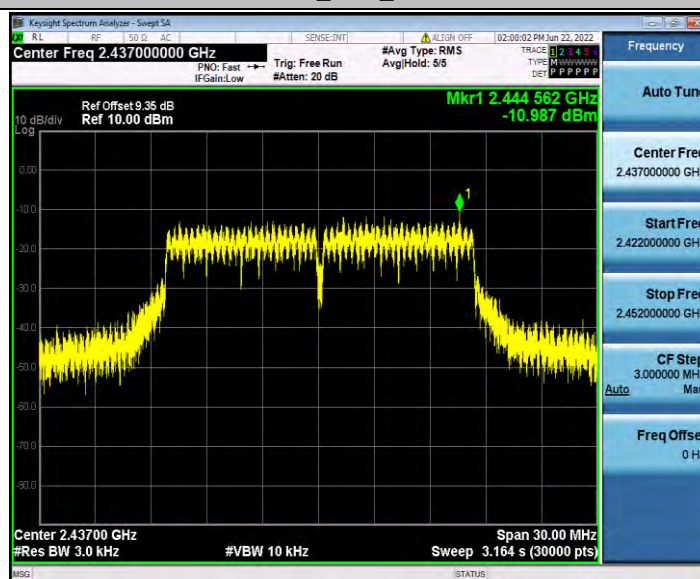
11B_Ant1_2462



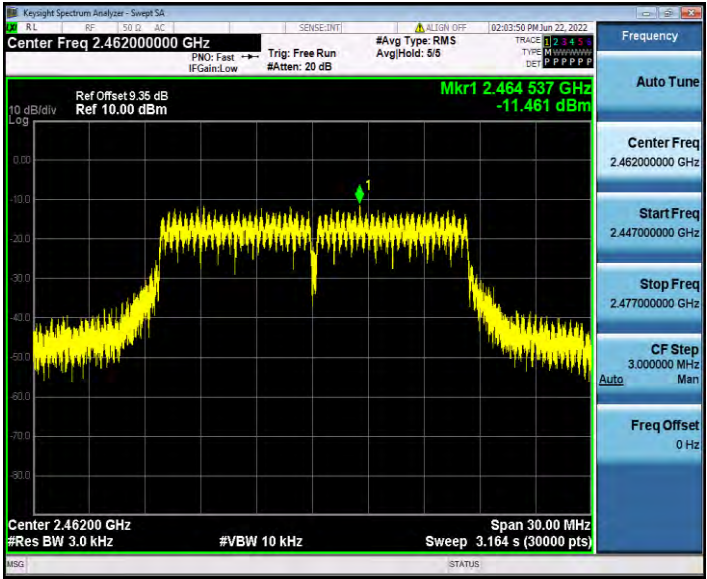
11G_Ant1_2412



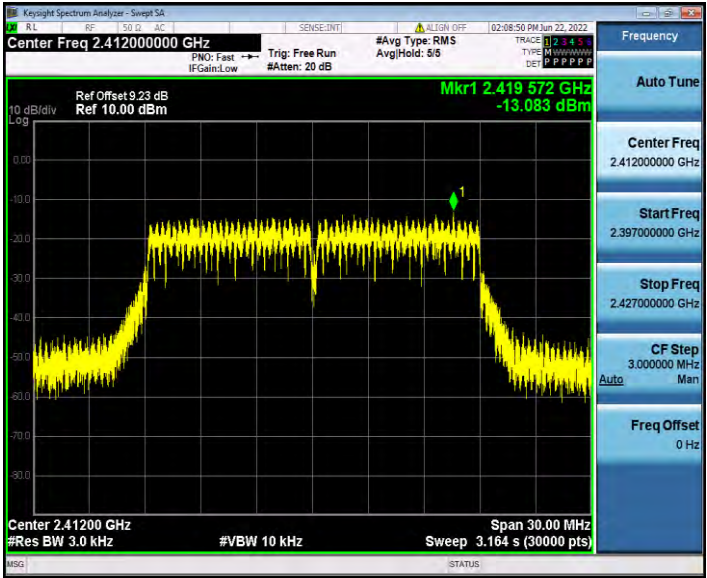
11G_Ant1_2437



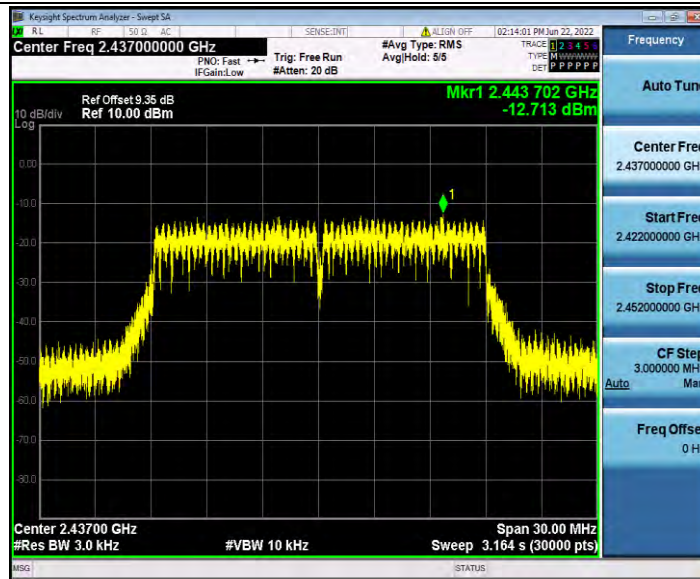
11G_Ant1_2462



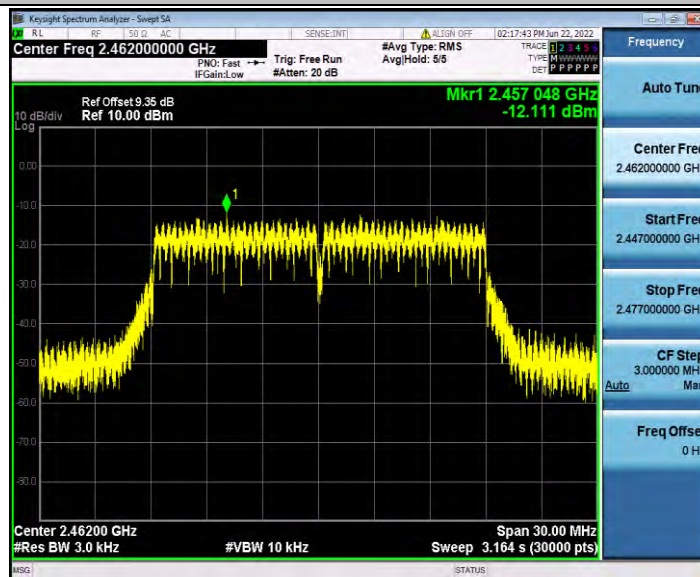
11N20SISO_Ant1_2412



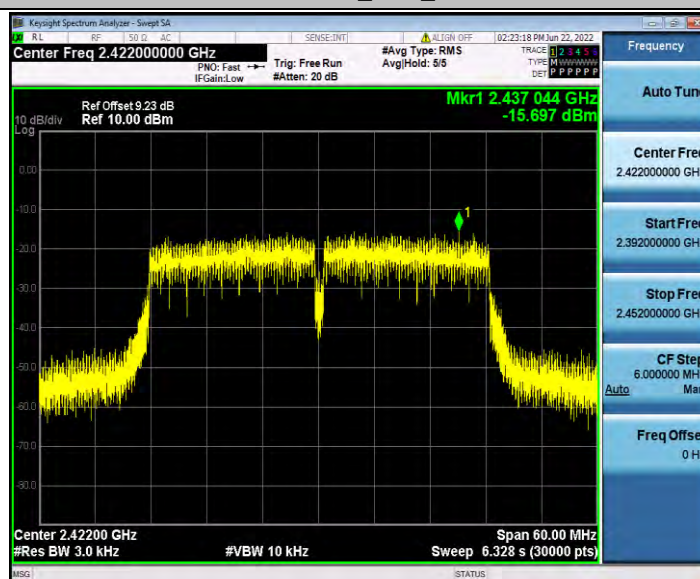
11N20SISO_Ant1_2437



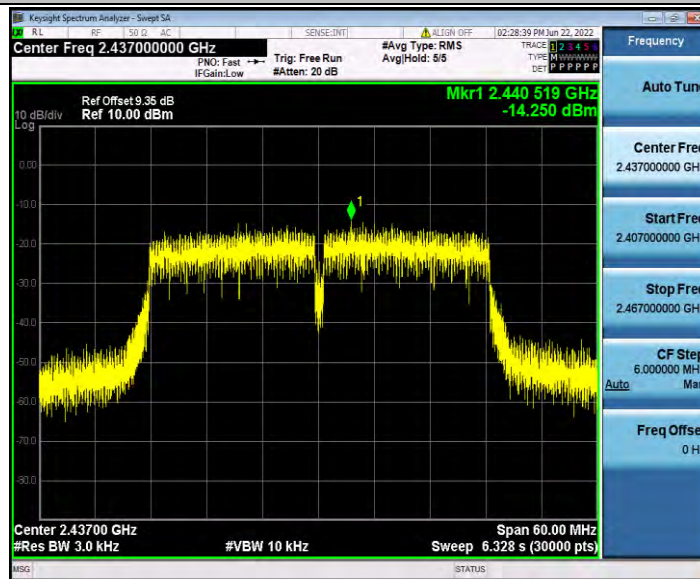
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.4: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.93	-31.16	≤ -15.07	PASS
		High	2462	5.89	-44.77	≤ -14.11	PASS
11G	Ant1	Low	2412	3.28	-22.54	≤ -16.72	PASS
		High	2462	4.48	-30.56	≤ -15.52	PASS
11N20SISO	Ant1	Low	2412	2.61	-25.89	≤ -17.39	PASS
		High	2462	3.90	-33.2	≤ -16.1	PASS
11N40SISO	Ant1	Low	2422	0.48	-27.69	≤ -19.52	PASS
		High	2452	1.50	-30.51	≤ -18.5	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



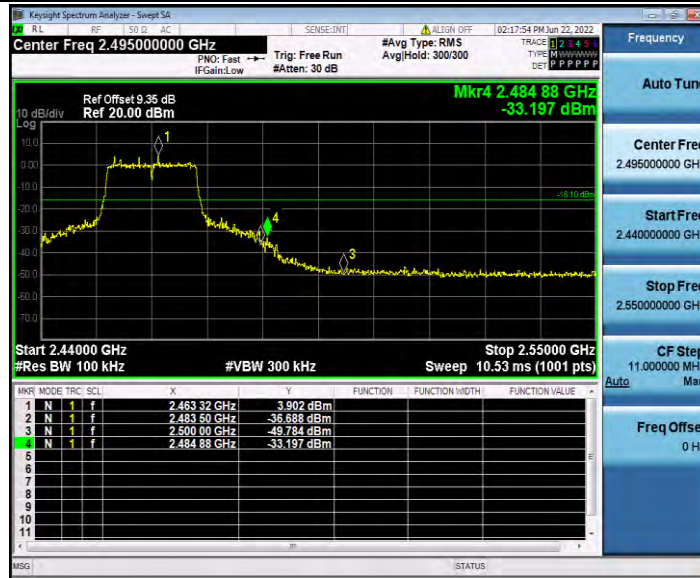
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.5: Conducted Spurious Emission

Test Result

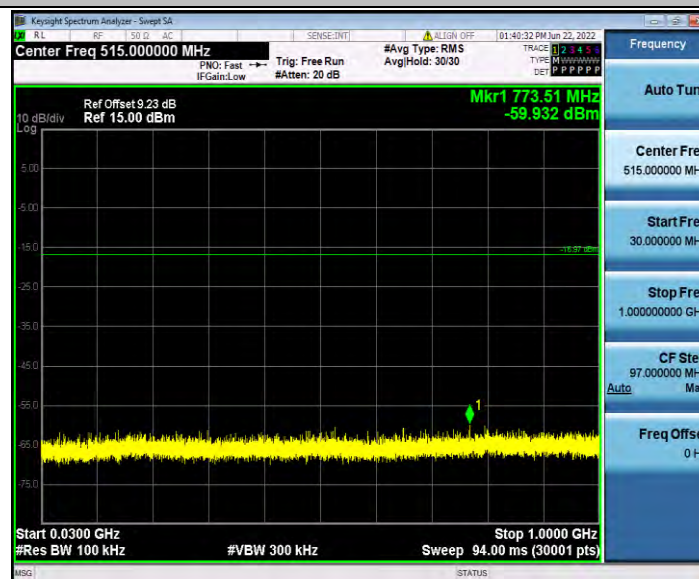
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.03	3.03	---	PASS
			30~1000	3.03	-59.93	≤ -16.97	PASS
			1000~26500	3.03	-46.82	≤ -16.97	PASS
		2437	Reference	4.80	4.80	---	PASS
			30~1000	4.80	-60.17	≤ -15.2	PASS
			1000~26500	4.80	-47.11	≤ -15.2	PASS
		2462	Reference	5.72	5.72	---	PASS
			30~1000	5.72	-59.1	≤ -14.28	PASS
			1000~26500	5.72	-47.32	≤ -14.28	PASS
11G	Ant1	2412	Reference	-0.13	-0.13	---	PASS
			30~1000	-0.13	-60.7	≤ -20.13	PASS
			1000~26500	-0.13	-47.8	≤ -20.13	PASS
		2437	Reference	0.62	0.62	---	PASS
			30~1000	0.62	-59.9	≤ -19.38	PASS
			1000~26500	0.62	-47.54	≤ -19.38	PASS
		2462	Reference	1.23	1.23	---	PASS
			30~1000	1.23	-60.19	≤ -18.77	PASS
			1000~26500	1.23	-47.52	≤ -18.77	PASS
11N20SISO	Ant1	2412	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-59.93	≤ -20.52	PASS
			1000~26500	-0.52	-47.35	≤ -20.52	PASS
		2437	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-55.91	≤ -20.55	PASS
			1000~26500	-0.55	-47.6	≤ -20.55	PASS
		2462	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-60.4	≤ -19.84	PASS
			1000~26500	0.16	-47.54	≤ -19.84	PASS
11N40SISO	Ant1	2422	Reference	-2.99	-2.99	---	PASS
			30~1000	-2.99	-59.76	≤ -22.99	PASS
			1000~26500	-2.99	-47.44	≤ -22.99	PASS
		2437	Reference	0.38	0.38	---	PASS
			30~1000	0.38	-60.39	≤ -19.62	PASS
			1000~26500	0.38	-46.96	≤ -19.62	PASS
		2452	Reference	0.93	0.93	---	PASS
			30~1000	0.93	-60.51	≤ -19.07	PASS
			1000~26500	0.93	-47.47	≤ -19.07	PASS

Test Graphs

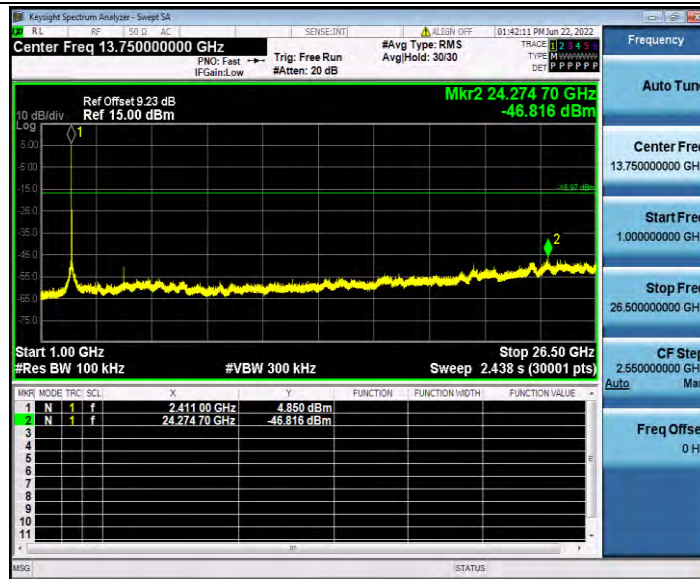
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



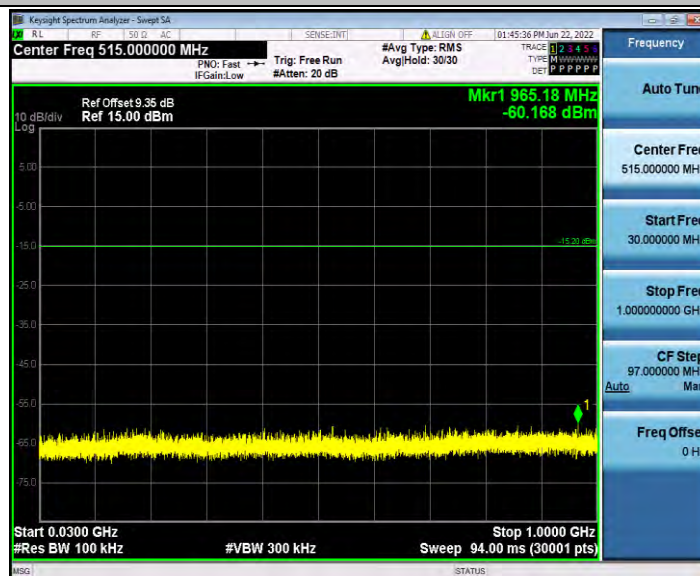
11B_Ant1_2412_1000~26500



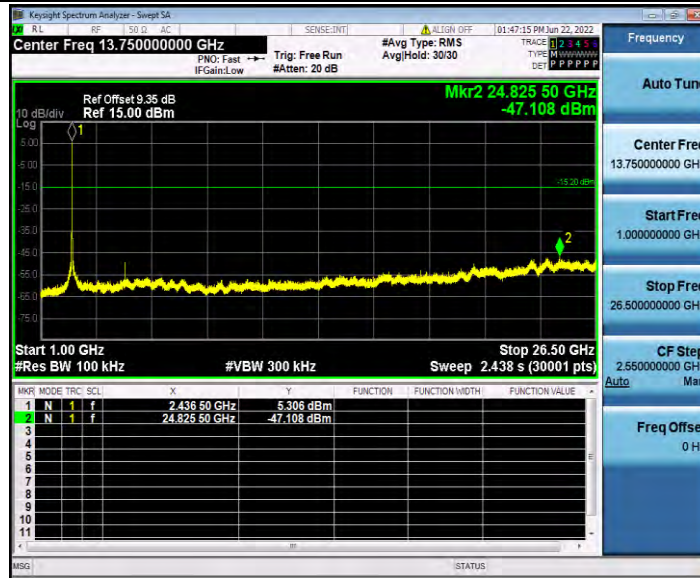
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



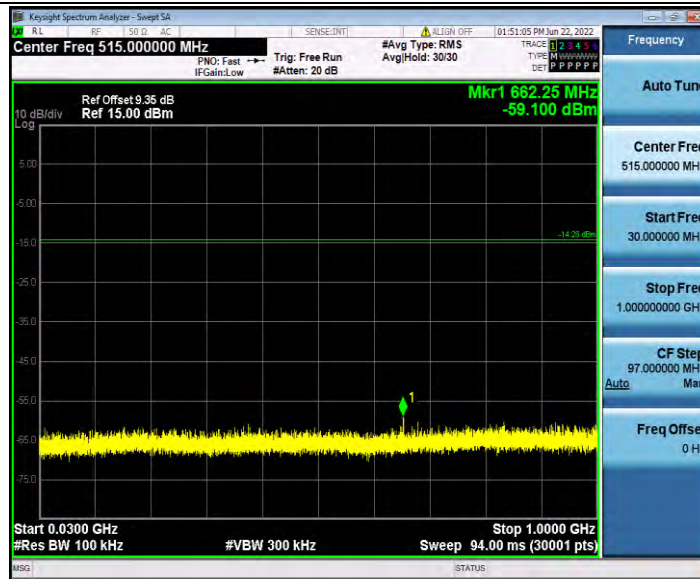
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



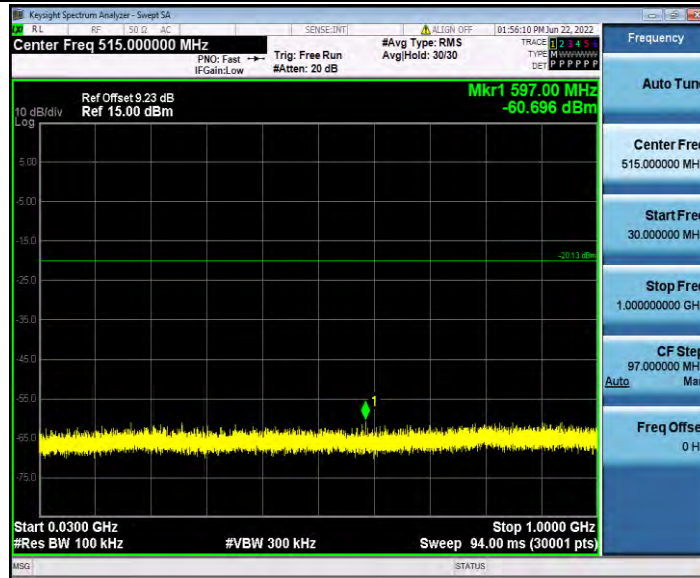
11B_Ant1_2462_1000~26500



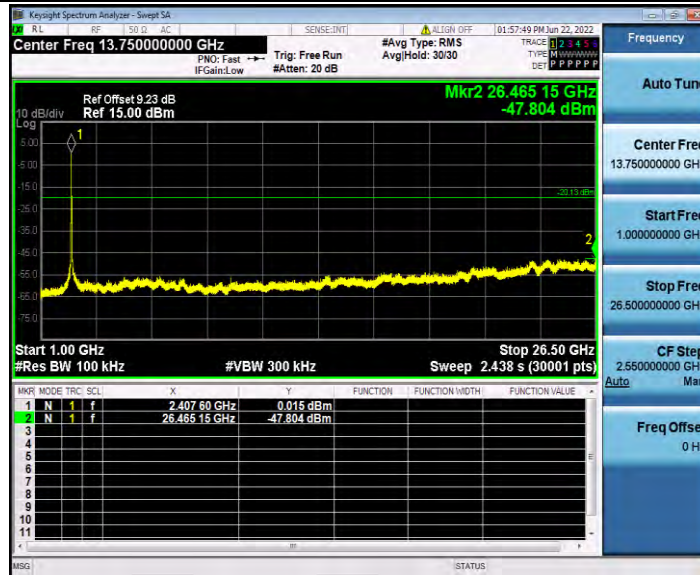
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



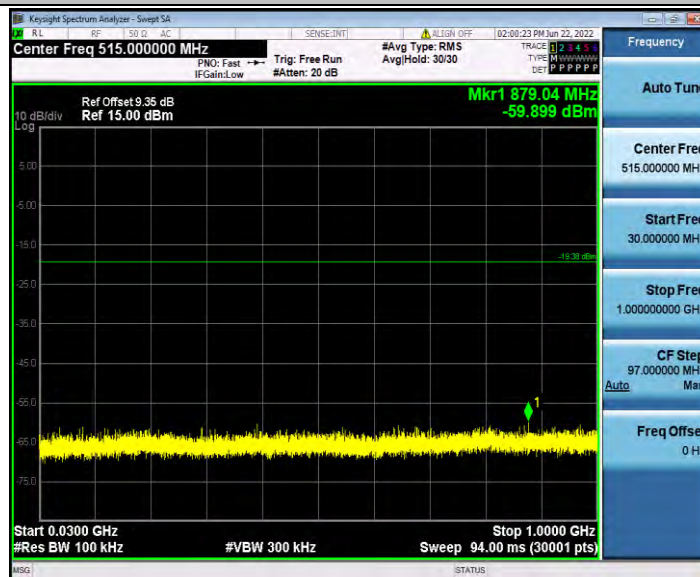
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



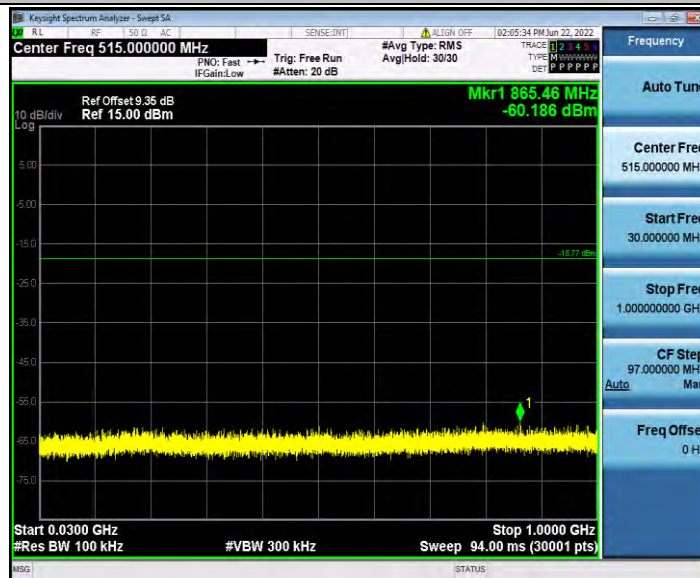
11G_Ant1_2437_1000~26500



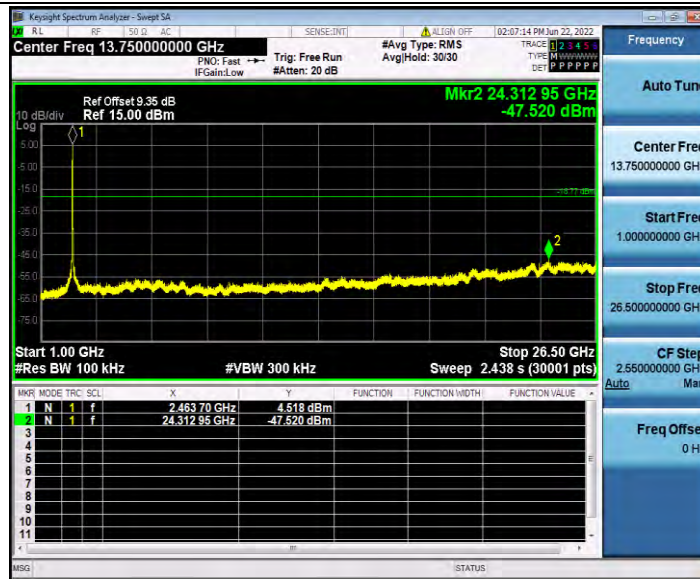
11G_Ant1_2462_0~Reference



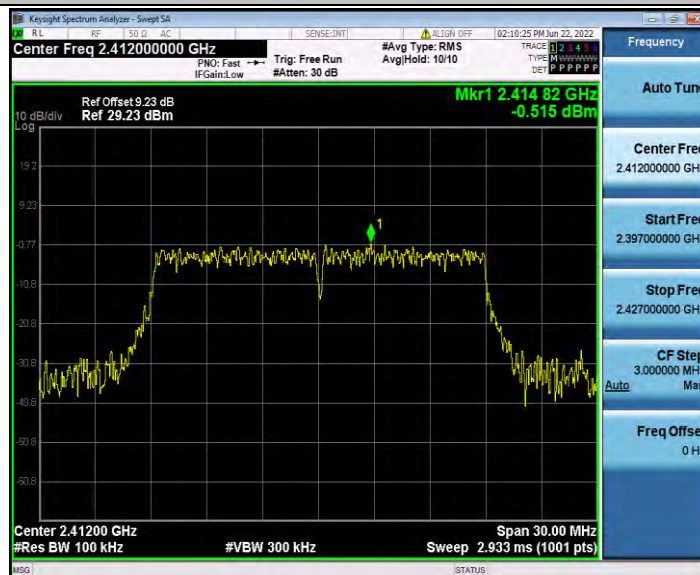
11G_Ant1_2462_30~1000



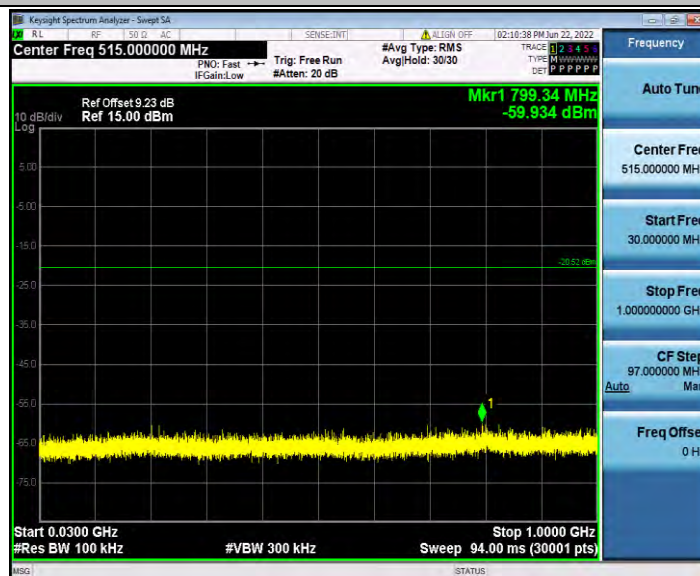
11G_Ant1_2462_1000~26500



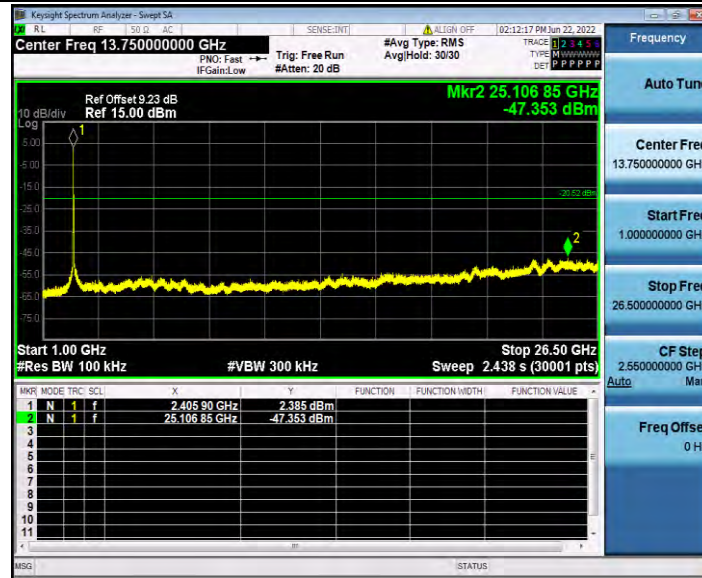
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



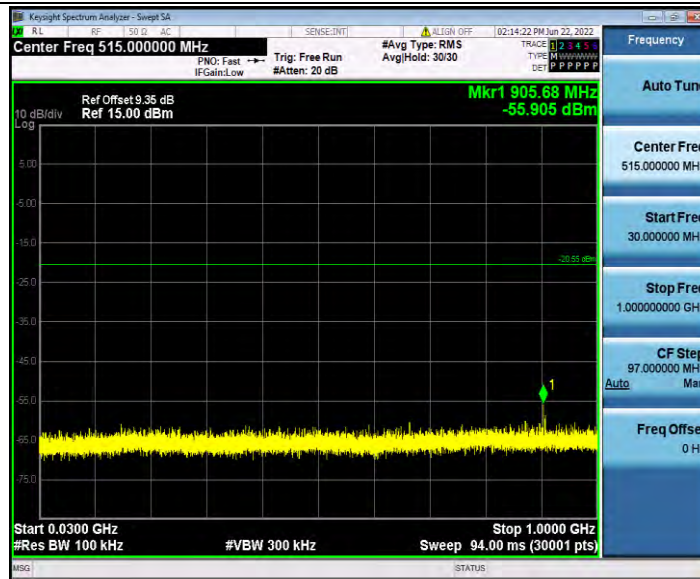
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



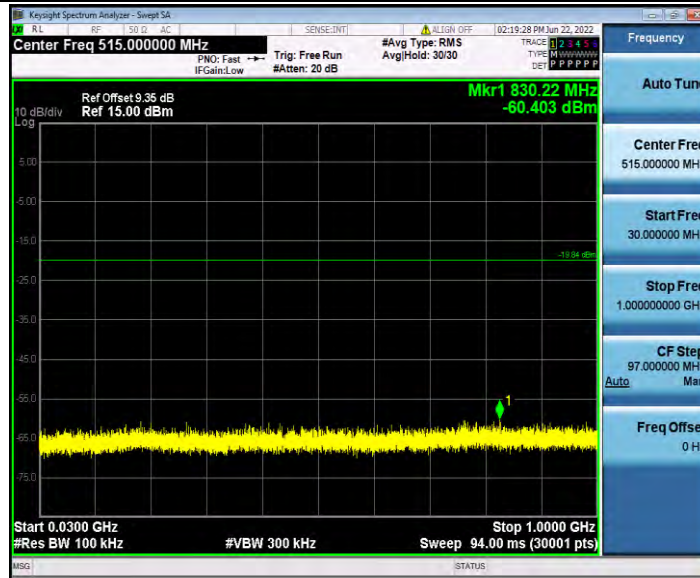
11N20SISO_Ant1_2437_1000~26500



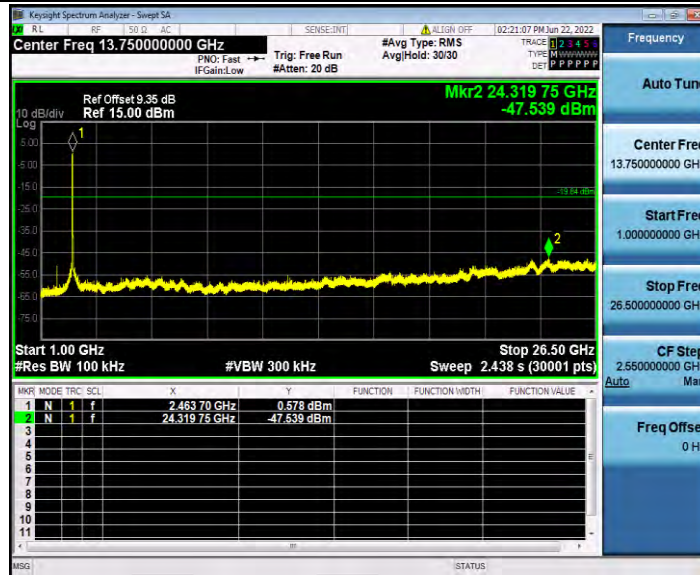
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



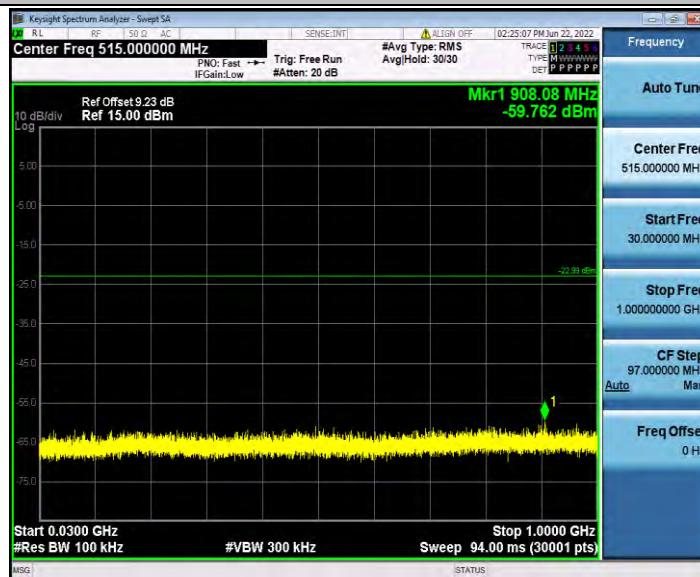
11N20SISO_Ant1_2462_1000~26500



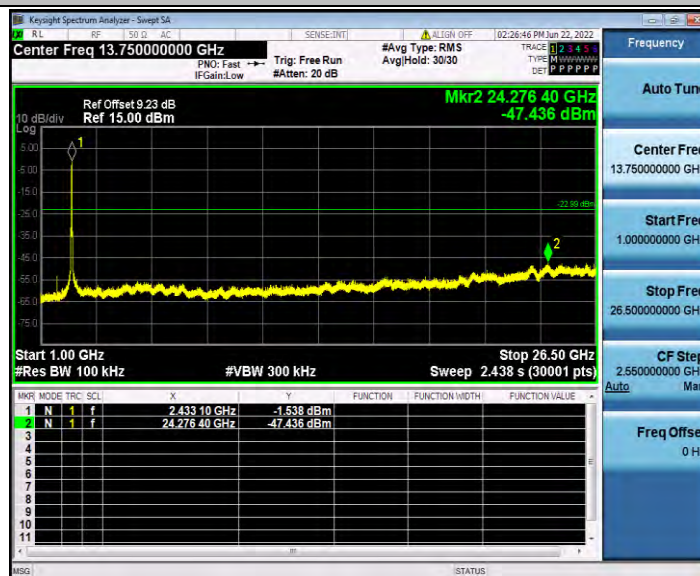
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



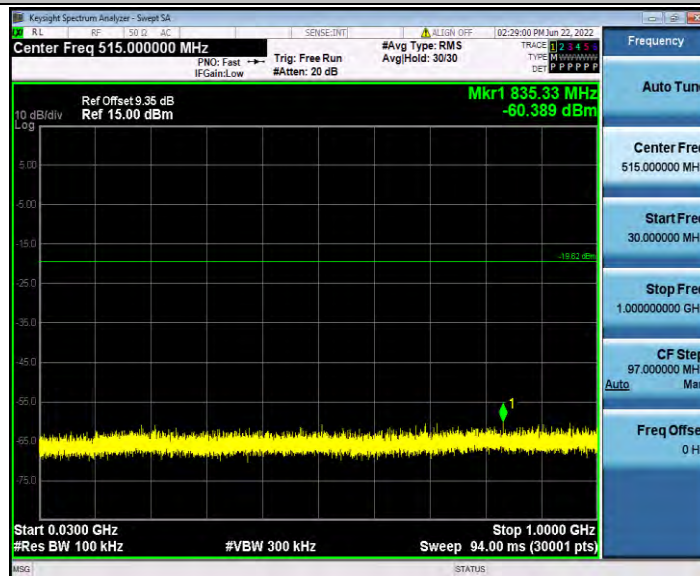
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



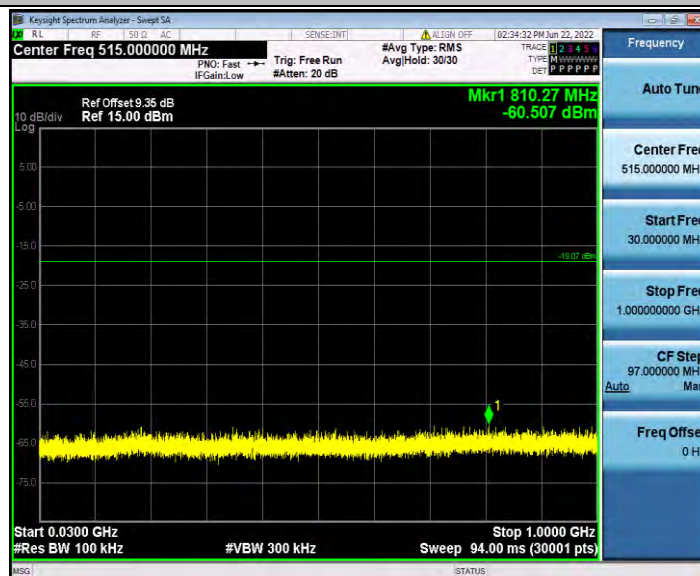
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

