

Case No. : _GTS20220930011-1-8	
Ambient Condition: <u>26</u> °C, <u>47</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.13</u>	Test Engineer: <u>Jenny zeng</u>

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	10.040	2431.960	2442.000	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant0	2412	16.440	2403.800	2420.240	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.440	2453.760	2470.200	0.5	PASS
11N20SISO	Ant0	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant0	2422	36.320	2403.840	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS

Test Graphs

11B_Ant0_2412



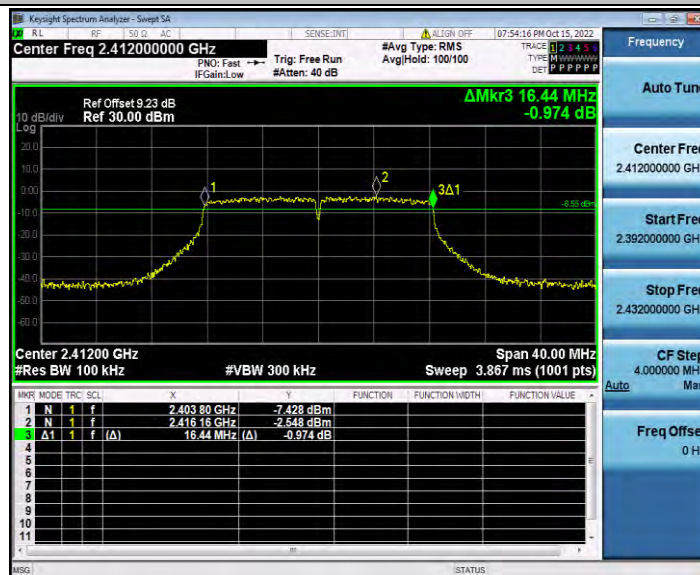
11B_Ant0_2437



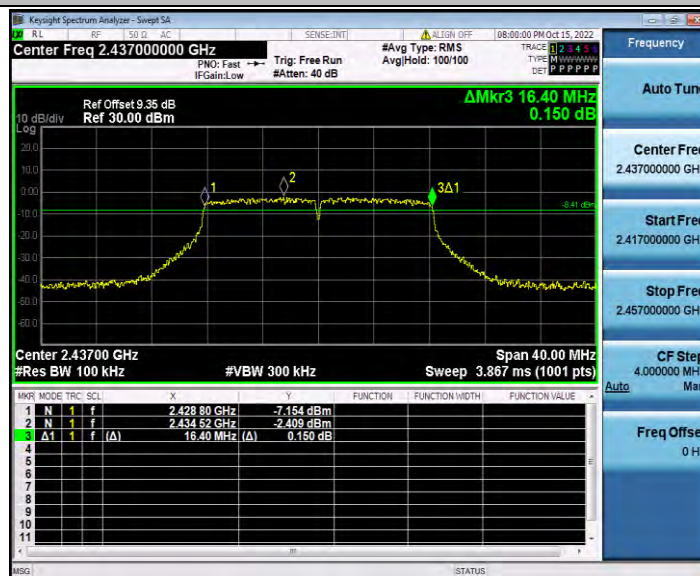
11B_Ant0_2462



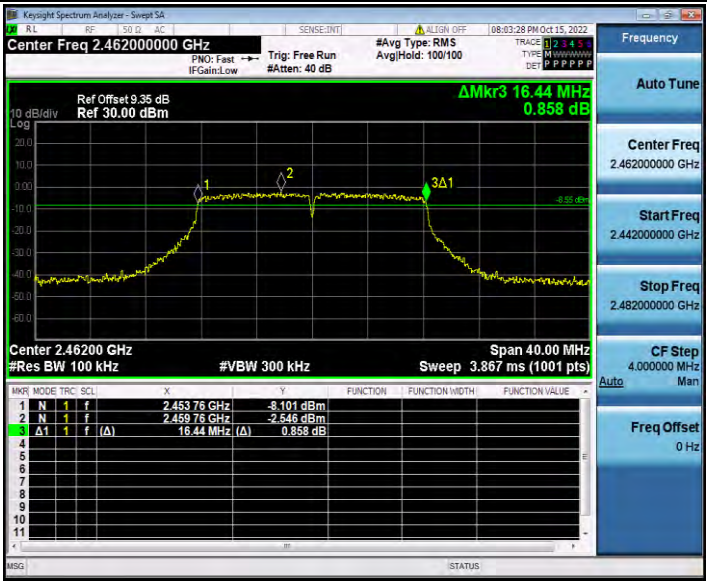
11G_Ant0_2412



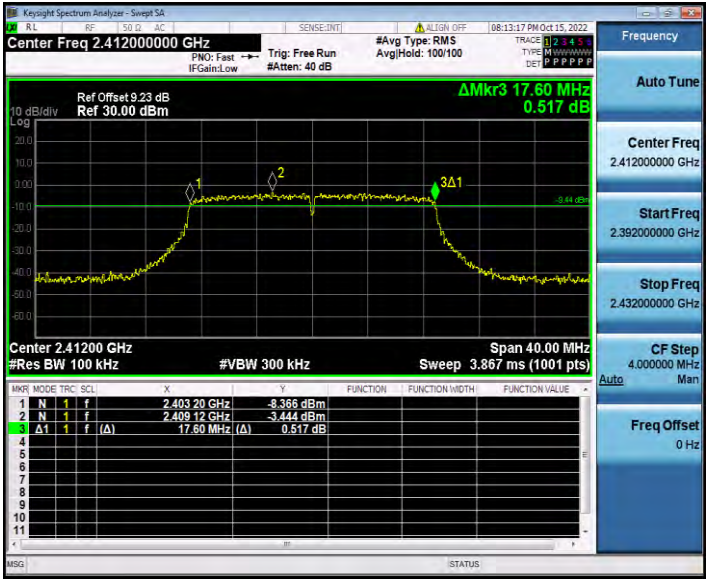
11G_Ant0_2437



11G_Ant0_2462



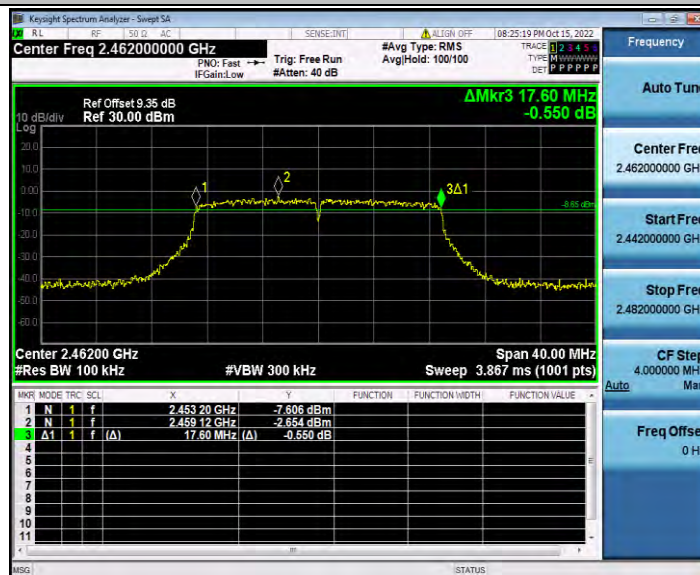
11N20SISO_Ant0_2412



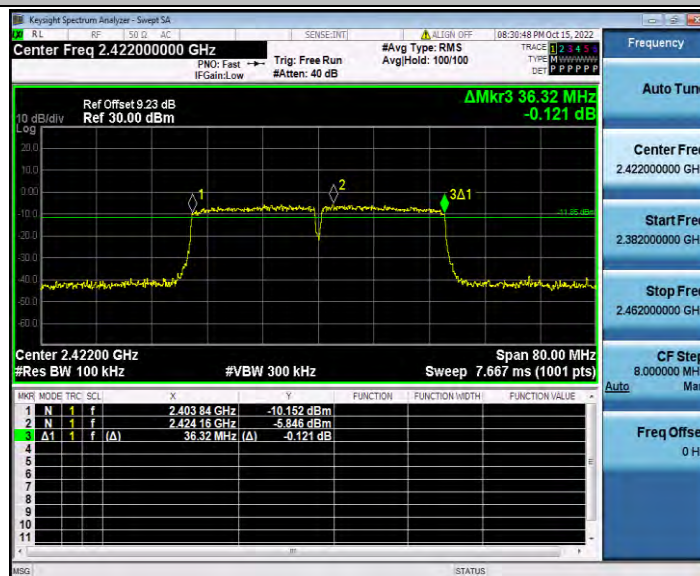
11N20SISO_Ant0_2437



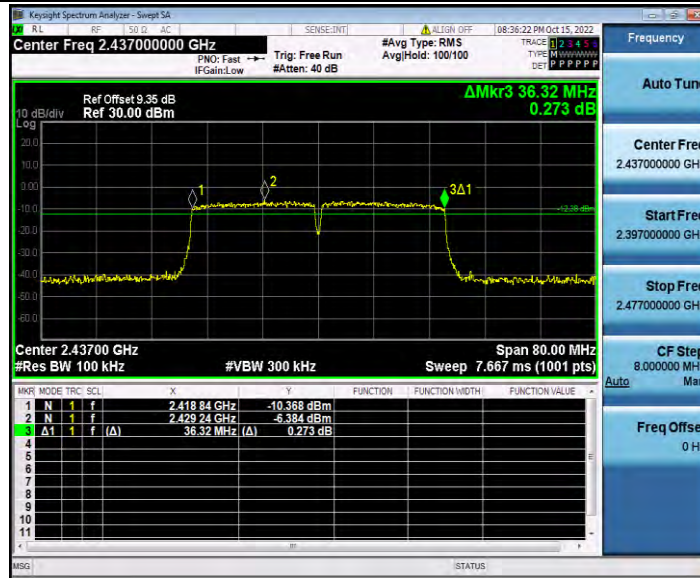
11N20SISO_Ant0_2462



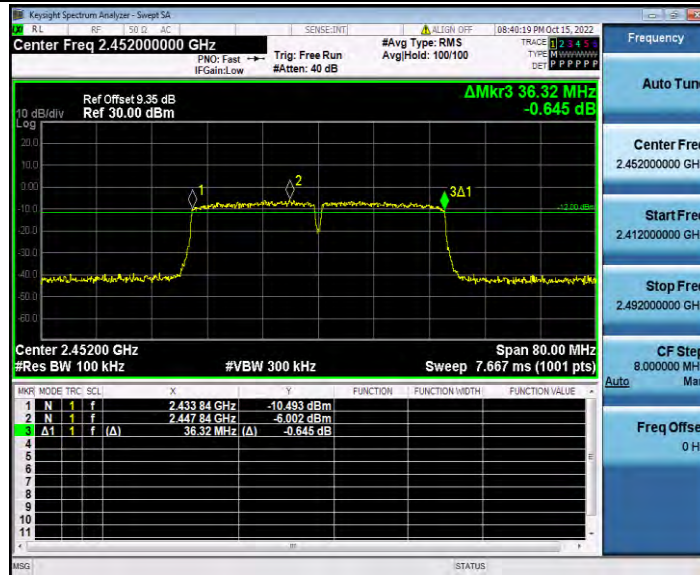
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



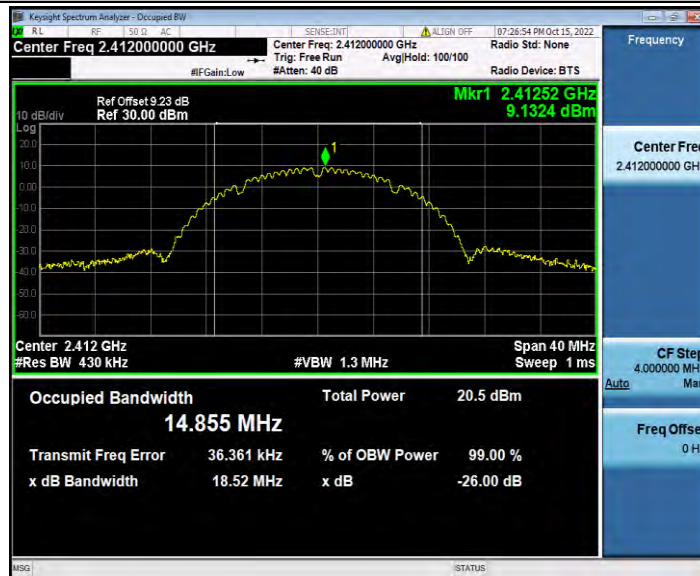
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	14.855	2404.609	2419.464	---	---
		2437	14.885	2429.579	2444.464	---	---
		2462	14.825	2454.561	2469.386	---	---
11G	Ant0	2412	16.806	2403.542	2420.348	---	---
		2437	16.793	2428.548	2445.341	---	---
		2462	16.698	2453.606	2470.304	---	---
11N20SISO	Ant0	2412	17.838	2403.080	2420.918	---	---
		2437	17.829	2428.074	2445.903	---	---
		2462	17.811	2453.072	2470.883	---	---
11N40SISO	Ant0	2422	35.940	2404.052	2439.992	---	---
		2437	35.994	2419.035	2455.029	---	---
		2452	35.944	2434.040	2469.984	---	---

Test Graphs

11B_Ant0_2412



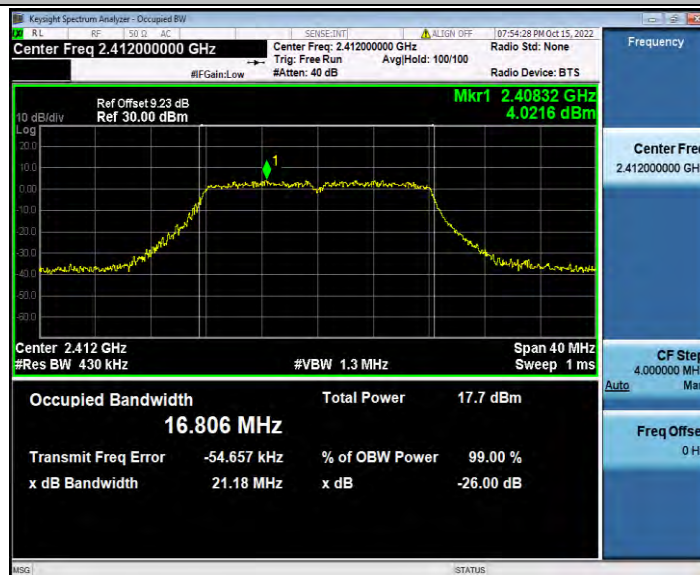
11B_Ant0_2437



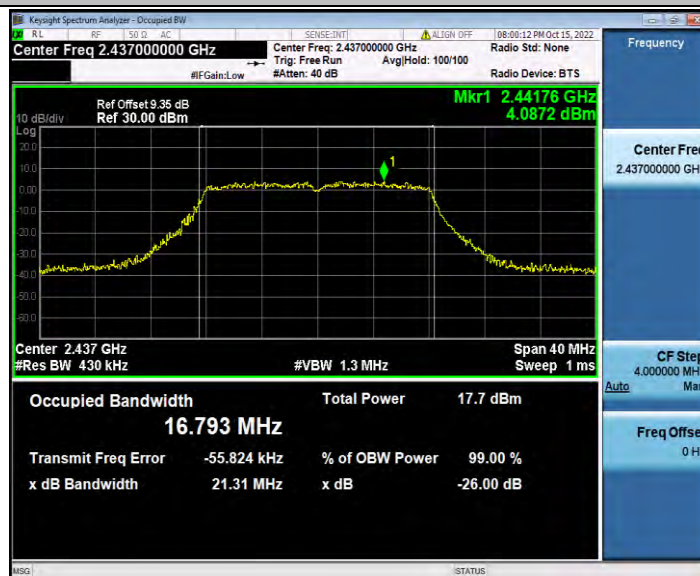
11B_Ant0_2462



11G_Ant0_2412



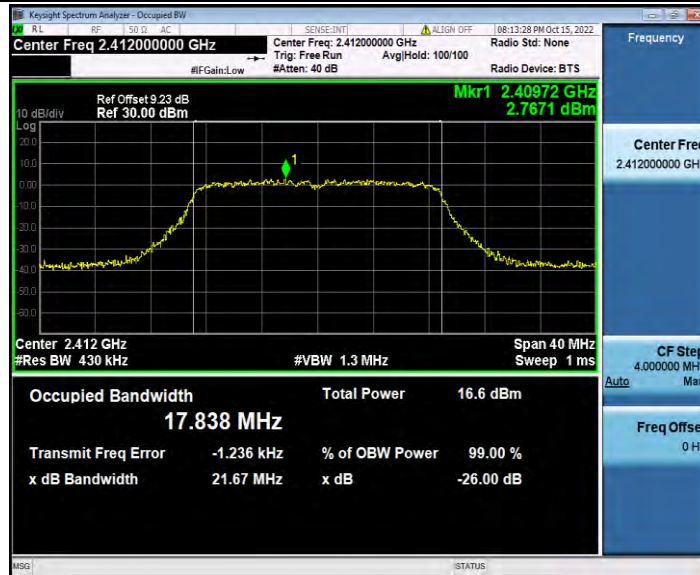
11G_Ant0_2437



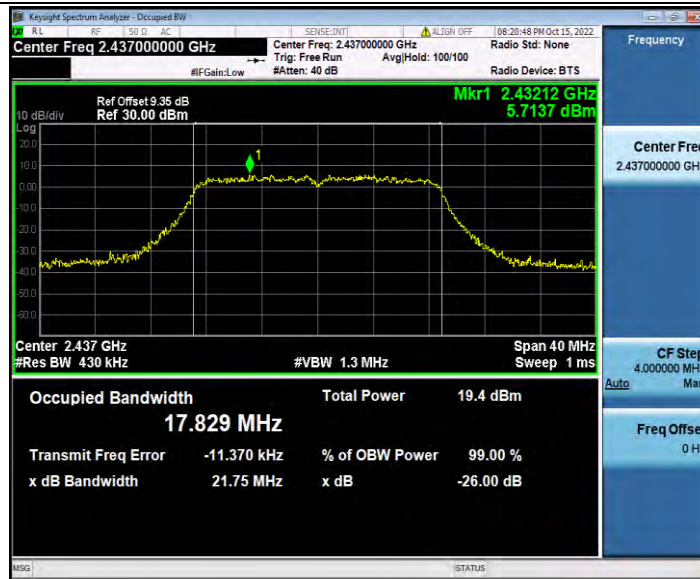
11G_Ant0_2462



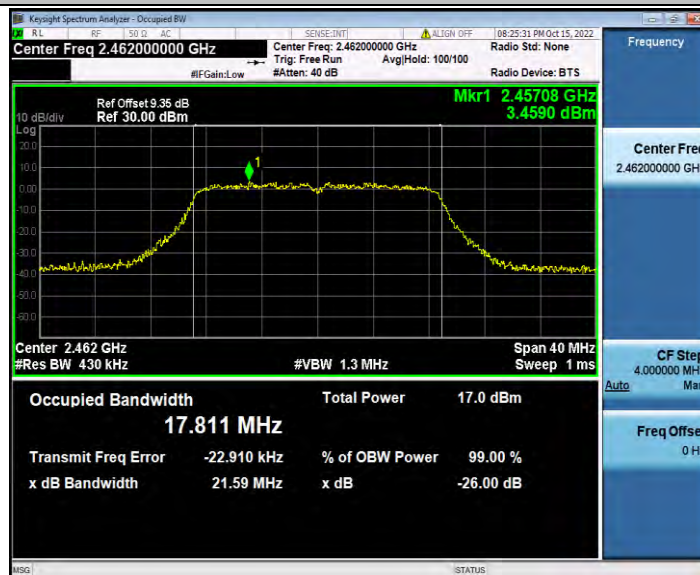
11N20SISO_Ant0_2412



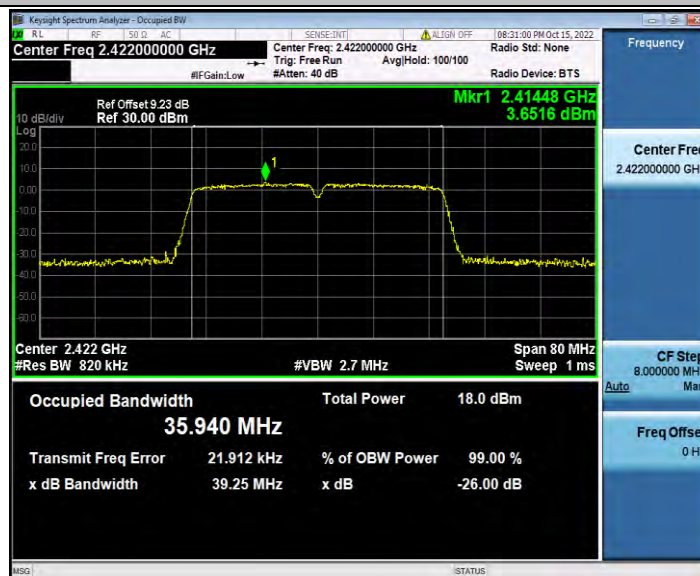
11N20SISO_Ant0_2437



11N20SISO_Ant0_2462



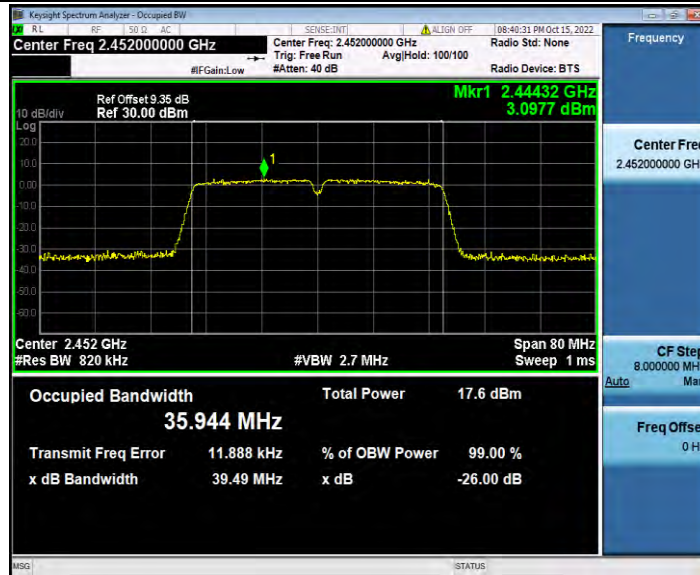
11N40SISO_Ant0_2422



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	20.55	≤30.00	PASS
		2437	18.60	≤30.00	PASS
		2462	18.55	≤30.00	PASS
11G	Ant0	2412	18.75	≤30.00	PASS
		2437	18.81	≤30.00	PASS
		2462	18.63	≤30.00	PASS
11N20SISO	Ant0	2412	17.94	≤30.00	PASS
		2437	20.72	≤30.00	PASS
		2462	18.31	≤30.00	PASS
11N40SISO	Ant0	2422	18.31	≤30.00	PASS
		2437	17.98	≤30.00	PASS
		2452	17.96	≤30.00	PASS

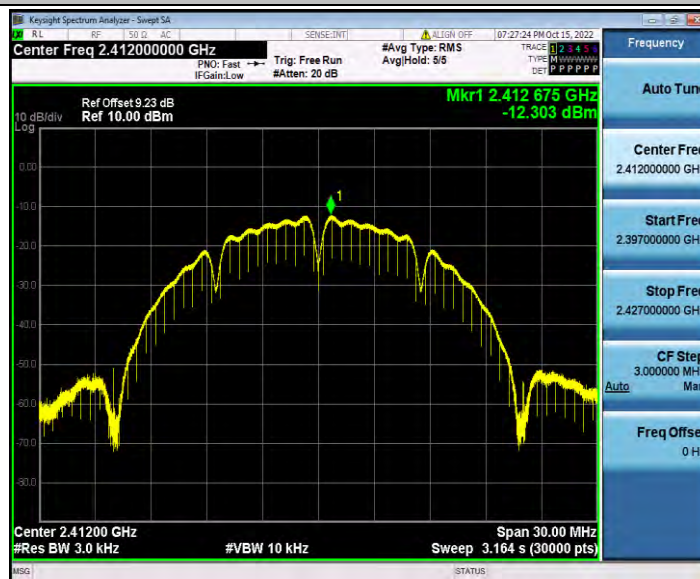
Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-12.3	≤8.00	PASS
		2437	-14.18	≤8.00	PASS
		2462	-14.29	≤8.00	PASS
11G	Ant0	2412	-16.76	≤8.00	PASS
		2437	-16.66	≤8.00	PASS
		2462	-16.79	≤8.00	PASS
11N20SISO	Ant0	2412	-17.49	≤8.00	PASS
		2437	-14.83	≤8.00	PASS
		2462	-17.1	≤8.00	PASS
11N40SISO	Ant0	2422	-18.29	≤8.00	PASS
		2437	-17.29	≤8.00	PASS
		2452	-18.91	≤8.00	PASS

Test Graphs

11B_Ant0_2412



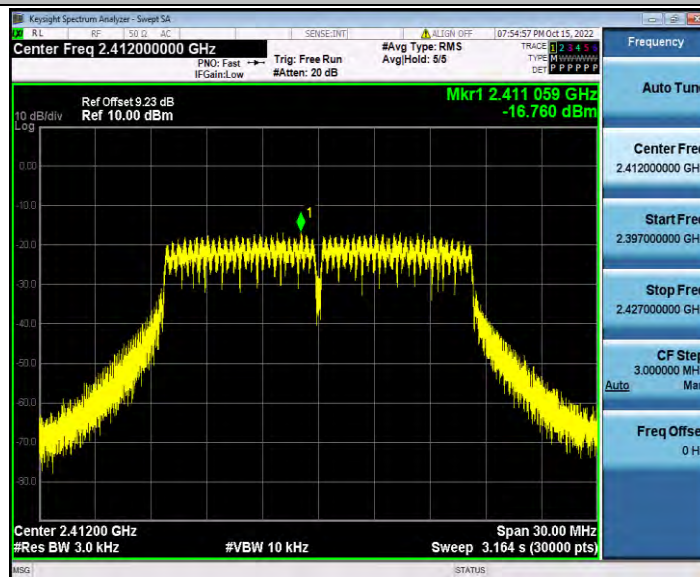
11B_Ant0_2437



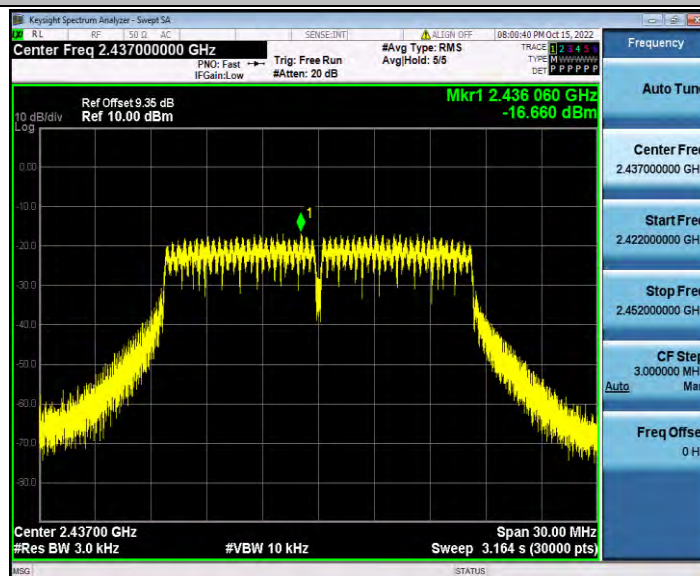
11B_Ant0_2462



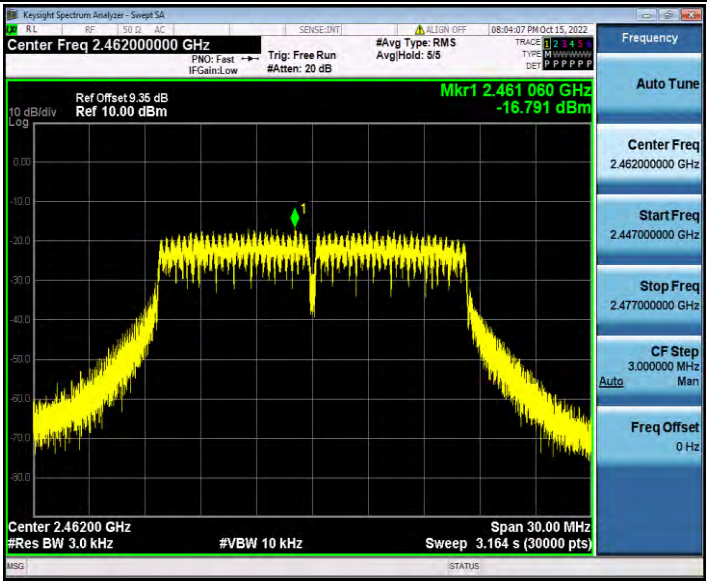
11G_Ant0_2412



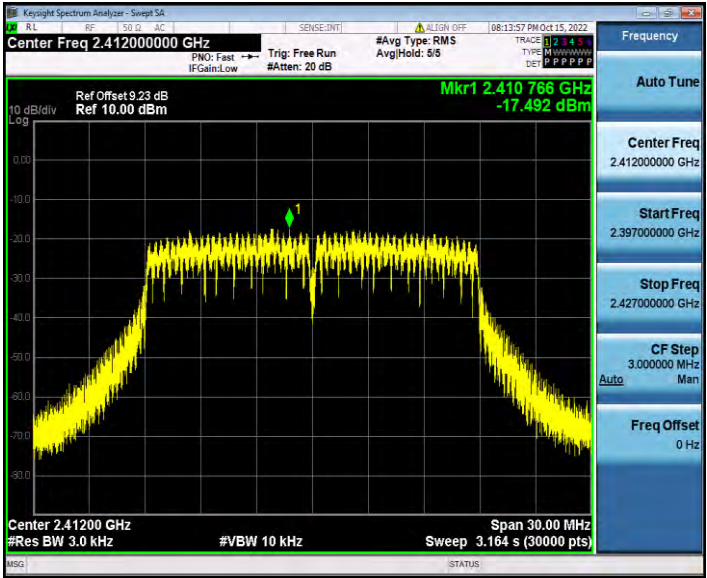
11G_Ant0_2437



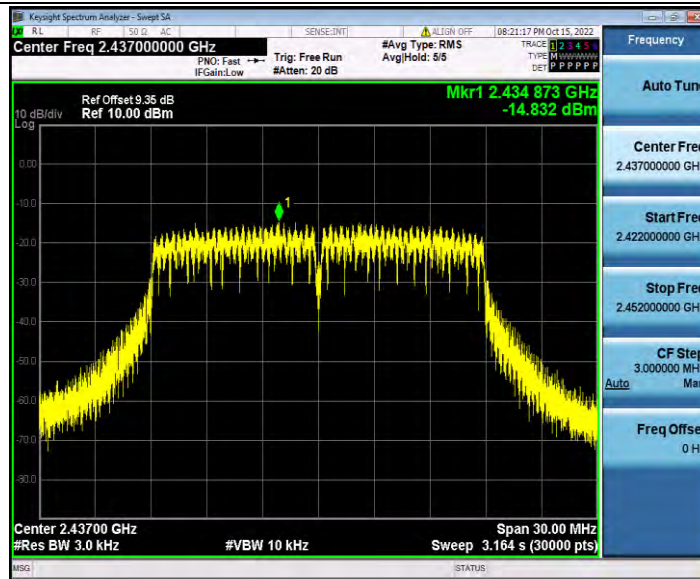
11G_Ant0_2462



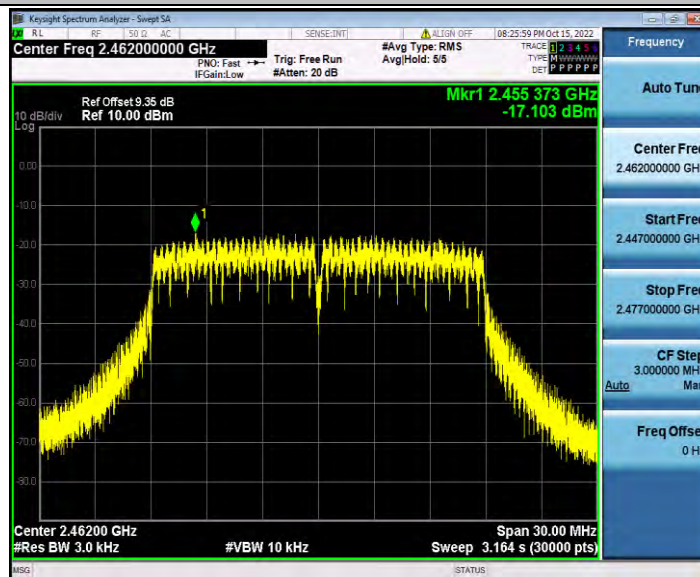
11N20SISO_Ant0_2412



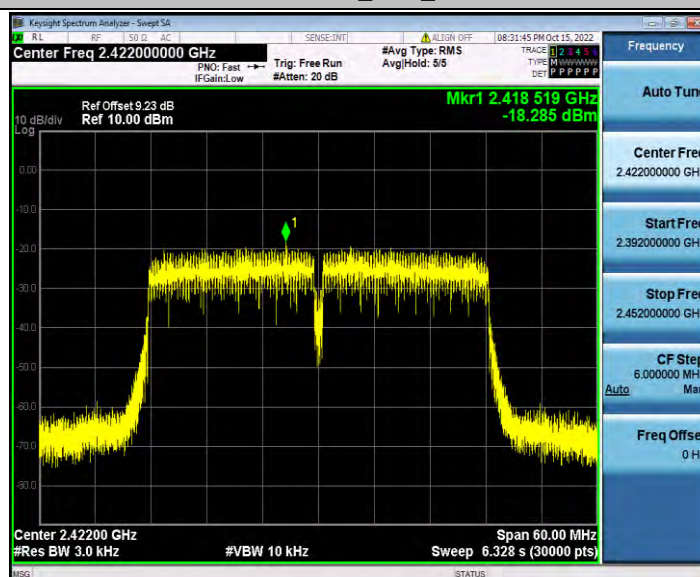
11N20SISO_Ant0_2437



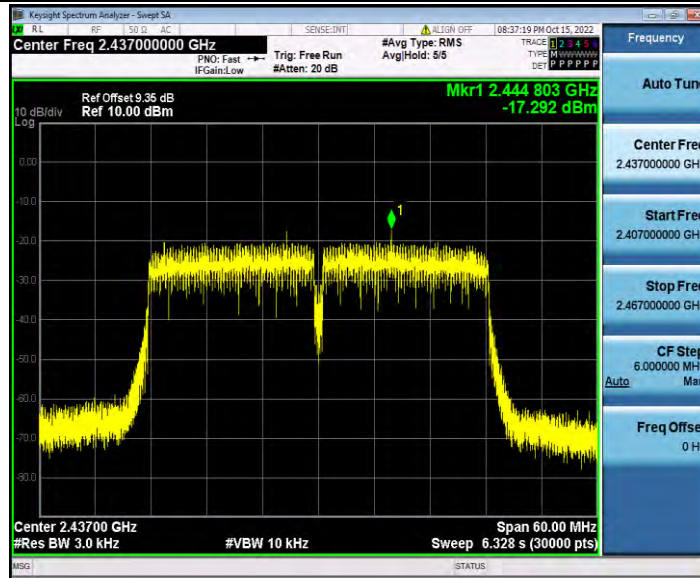
11N20SISO_Ant0_2462



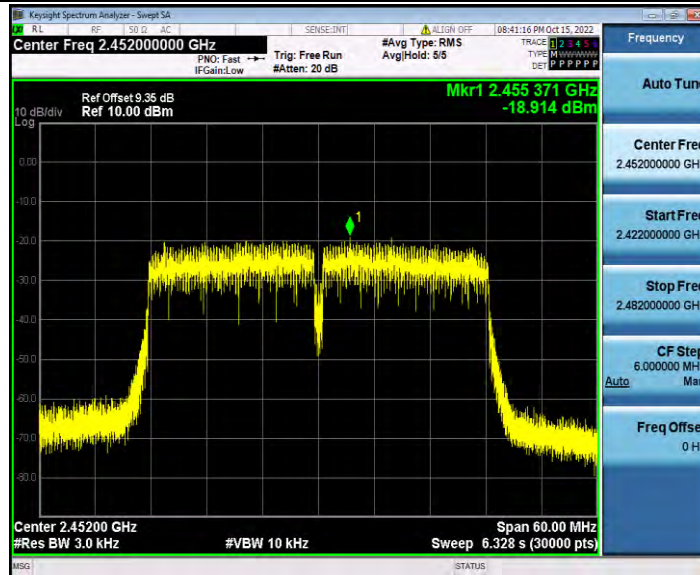
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452



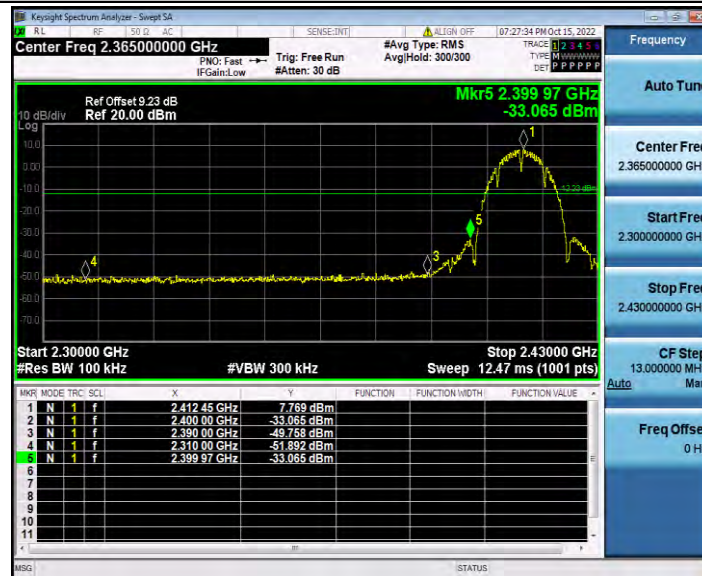
Appendix C.5: Band edge measurements

Test Result

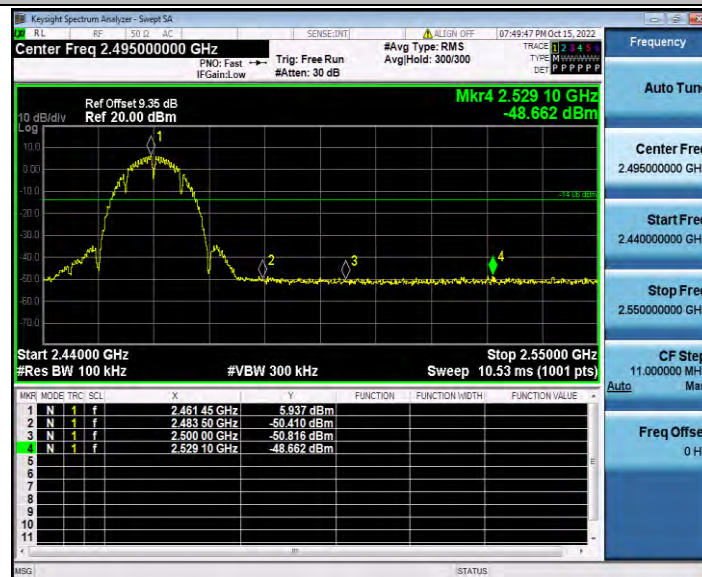
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant0	Low	2412	7.77	-33.07	≤ -12.23	PASS
		High	2462	5.94	-48.66	≤ -14.06	PASS
11G	Ant0	Low	2412	-2.40	-39.03	≤ -22.4	PASS
		High	2462	-2.25	-48.94	≤ -22.25	PASS
11N20SISO	Ant0	Low	2412	-2.99	-39.33	≤ -22.99	PASS
		High	2462	-2.73	-48.37	≤ -22.73	PASS
11N40SISO	Ant0	Low	2422	-5.88	-42.9	≤ -25.88	PASS
		High	2452	-6.15	-47.62	≤ -26.15	PASS

Test Graphs

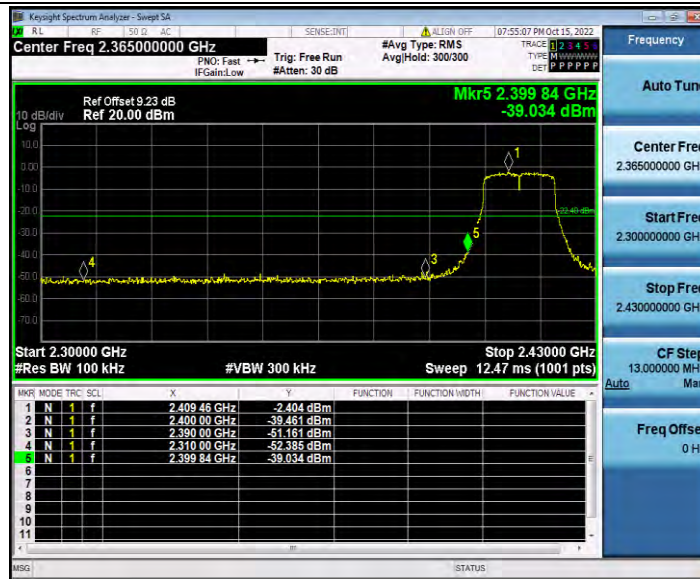
11B_Ant0_Low_2412



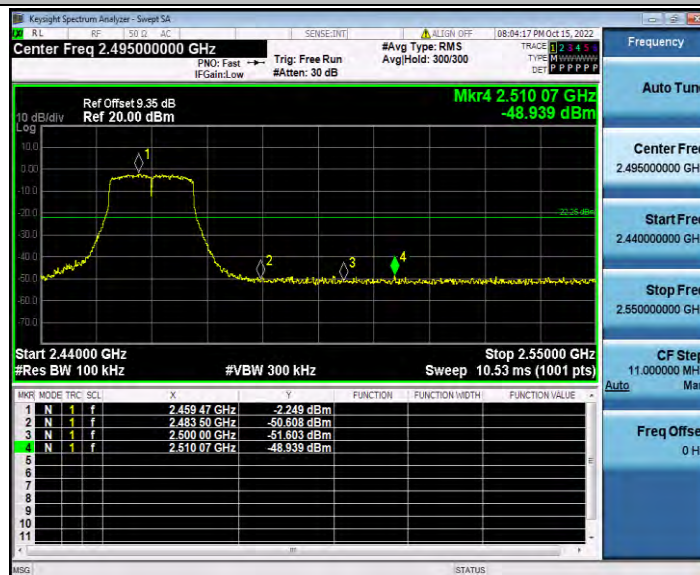
11B_Ant0_High_2462



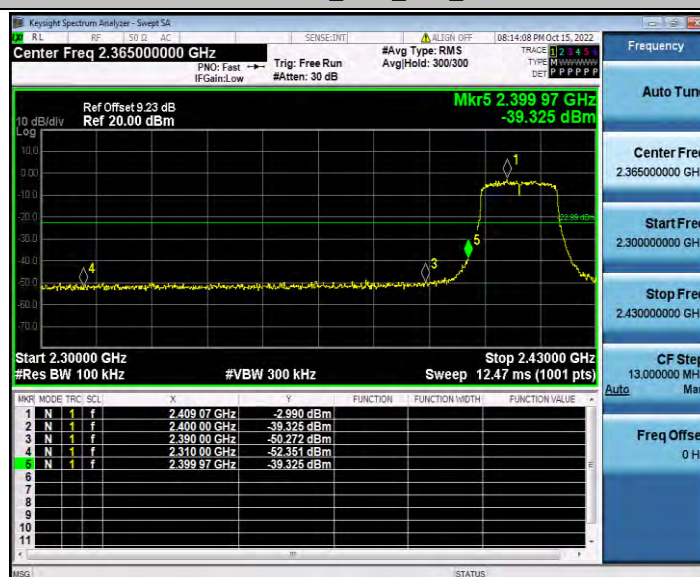
11G_Ant0_Low_2412



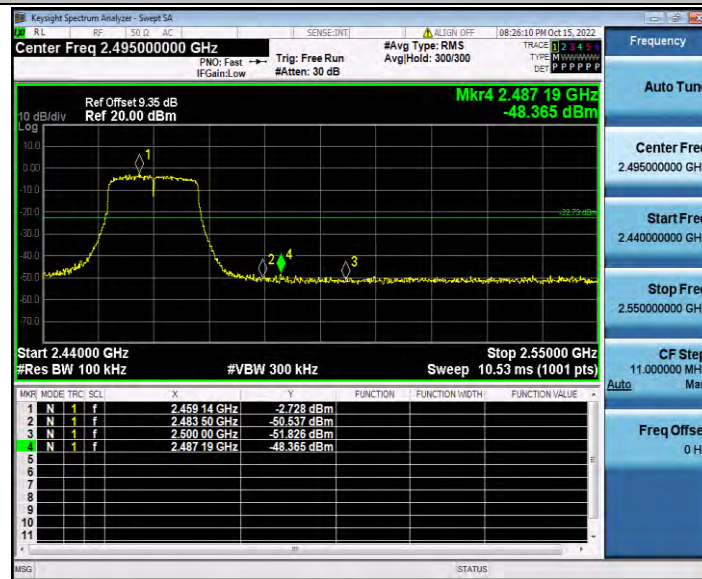
11G_Ant0_High_2462



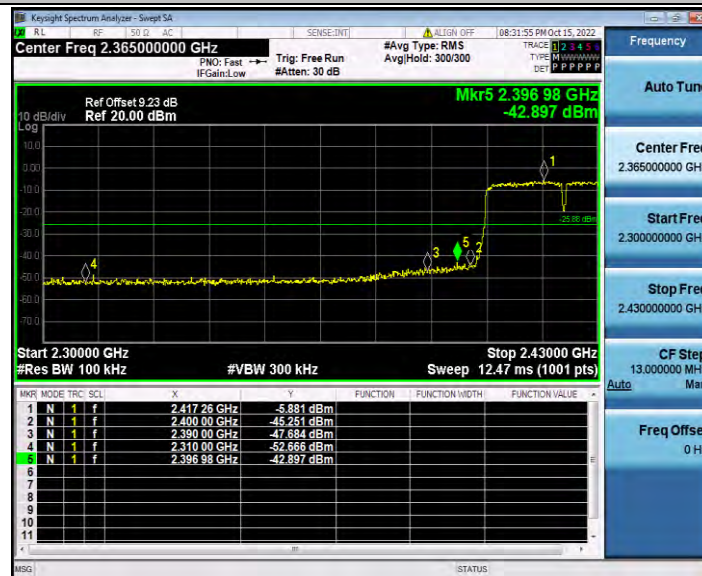
11N20SISO_Ant0_Low_2412



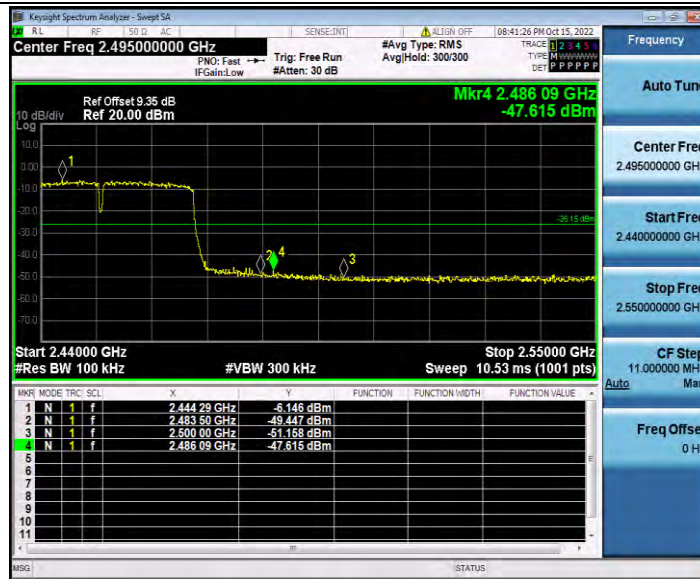
11N20SISO_Ant0_High_2462



11N40SISO_Ant0_Low_2422



11N40SISO_Ant0_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

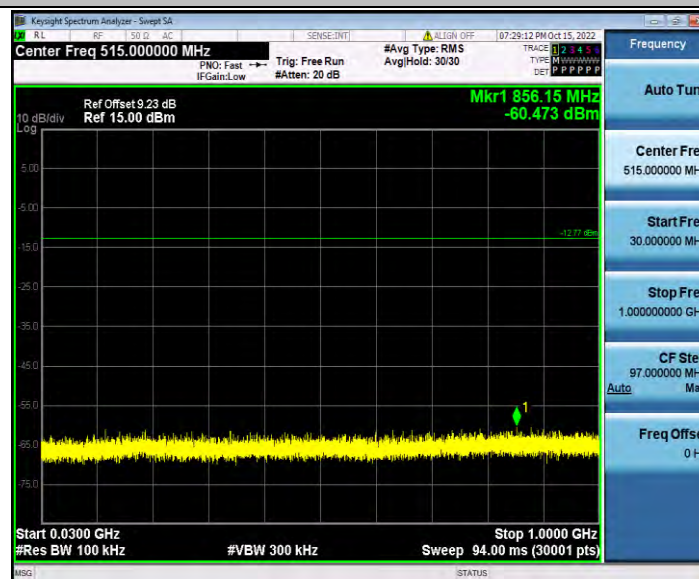
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	7.23	7.23	---	PASS
			30~1000	7.23	-60.47	≤ -12.77	PASS
			1000~26500	7.23	-48.07	≤ -12.77	PASS
		2437	Reference	5.82	5.82	---	PASS
			30~1000	5.82	-60	≤ -14.18	PASS
			1000~26500	5.82	-47.62	≤ -14.18	PASS
		2462	Reference	5.44	5.44	---	PASS
			30~1000	5.44	-60.18	≤ -14.56	PASS
			1000~26500	5.44	-47.18	≤ -14.56	PASS
11G	Ant0	2412	Reference	-2.85	-2.85	---	PASS
			30~1000	-2.85	-60.54	≤ -22.85	PASS
			1000~26500	-2.85	-46.89	≤ -22.85	PASS
		2437	Reference	-3.09	-3.09	---	PASS
			30~1000	-3.09	-60.16	≤ -23.09	PASS
			1000~26500	-3.09	-46.8	≤ -23.09	PASS
		2462	Reference	-2.91	-2.91	---	PASS
			30~1000	-2.91	-60.48	≤ -22.91	PASS
			1000~26500	-2.91	-47.54	≤ -22.91	PASS
11N20SISO	Ant0	2412	Reference	-3.79	-3.79	---	PASS
			30~1000	-3.79	-60.71	≤ -23.79	PASS
			1000~26500	-3.79	-48.06	≤ -23.79	PASS
		2437	Reference	-1.56	-1.56	---	PASS
			30~1000	-1.56	-60.25	≤ -21.56	PASS
			1000~26500	-1.56	-46.3	≤ -21.56	PASS
		2462	Reference	-3.75	-3.75	---	PASS
			30~1000	-3.75	-60.17	≤ -23.75	PASS
			1000~26500	-3.75	-47.74	≤ -23.75	PASS
11N40SISO	Ant0	2422	Reference	-6.60	-6.60	---	PASS
			30~1000	-6.60	-59.66	≤ -26.6	PASS
			1000~26500	-6.60	-47.06	≤ -26.6	PASS
		2437	Reference	-7.14	-7.14	---	PASS
			30~1000	-7.14	-59.82	≤ -27.14	PASS
			1000~26500	-7.14	-47.27	≤ -27.14	PASS
		2452	Reference	-7.00	-7.00	---	PASS
			30~1000	-7.00	-59.7	≤ -27	PASS
			1000~26500	-7.00	-46.89	≤ -27	PASS

Test Graphs

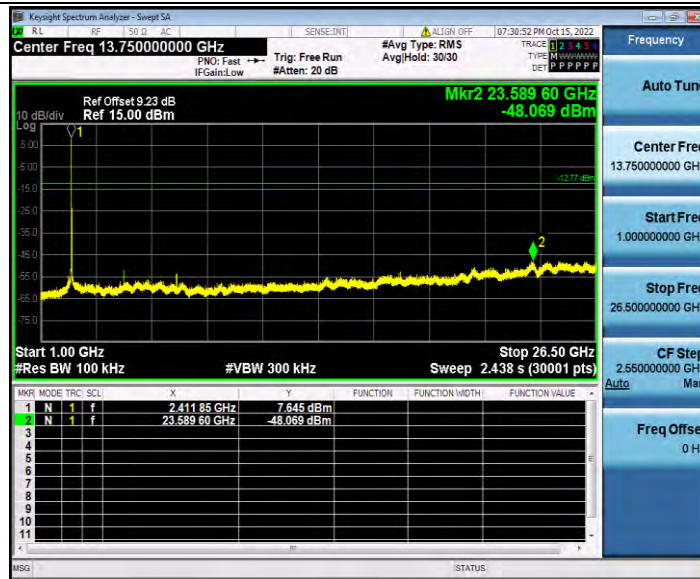
11B_Ant0_2412_0~Reference



11B_Ant0_2412_30~1000



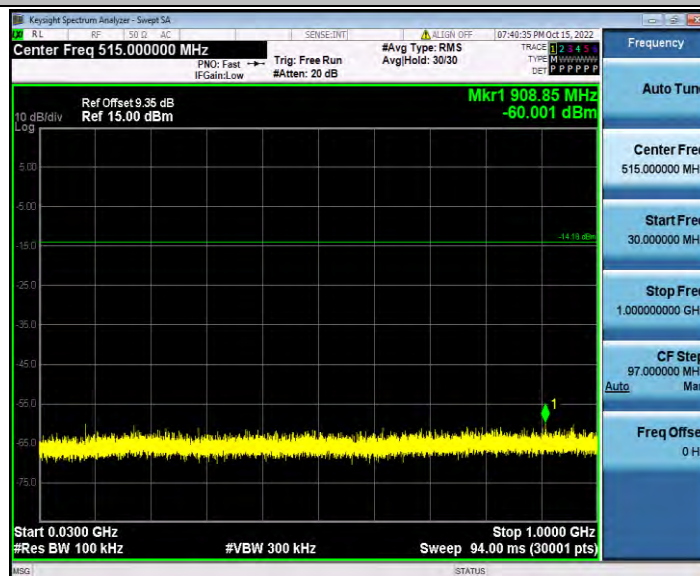
11B_Ant0_2412_1000~26500



11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



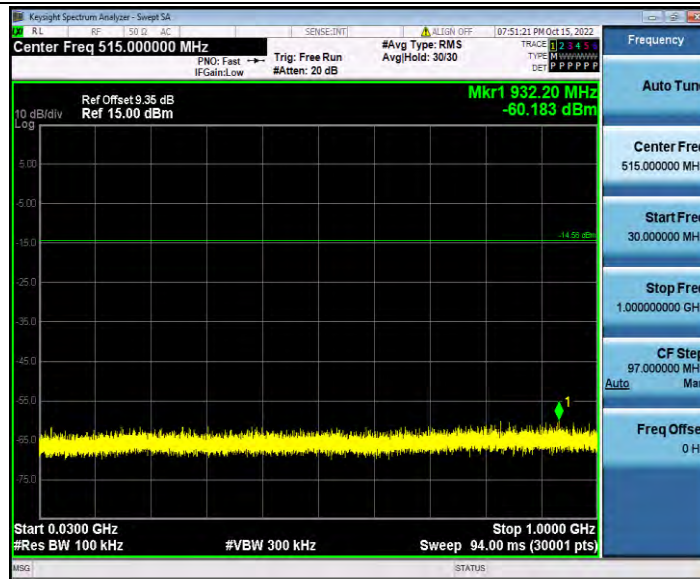
11B_Ant0_2437_1000~26500



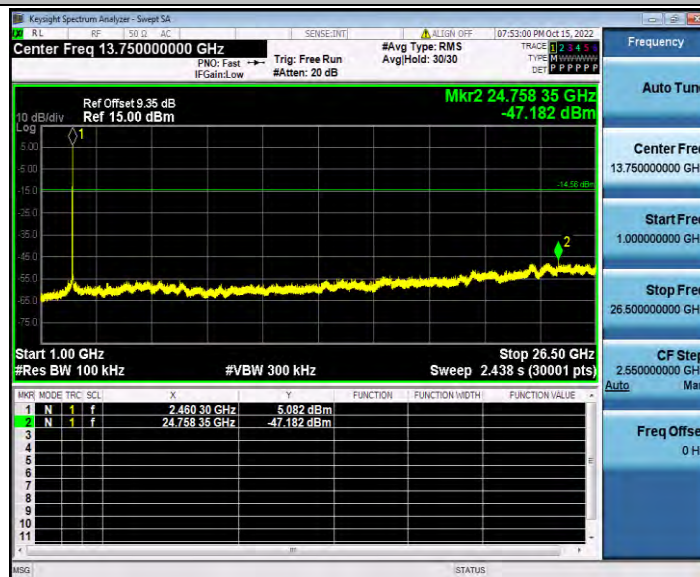
11B_Ant0_2462_0~Reference



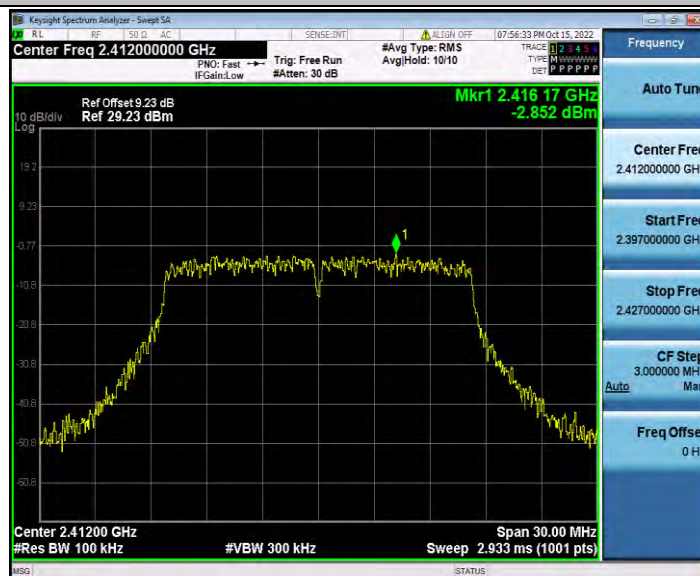
11B_Ant0_2462_30~1000



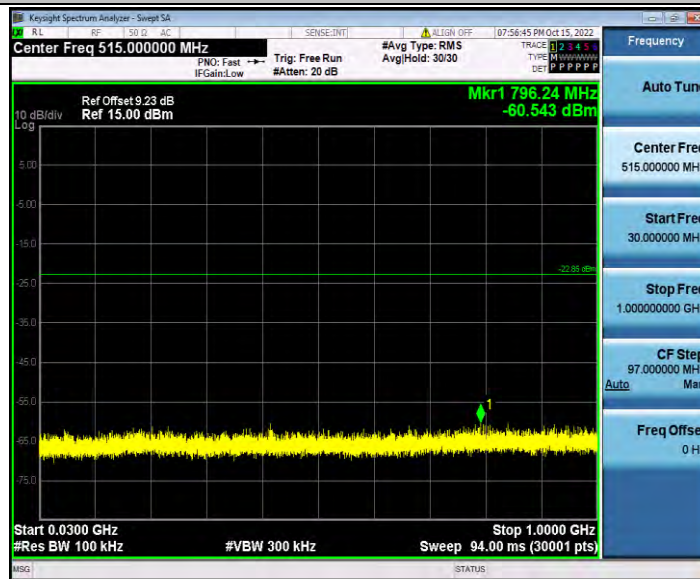
11B_Ant0_2462_1000~26500



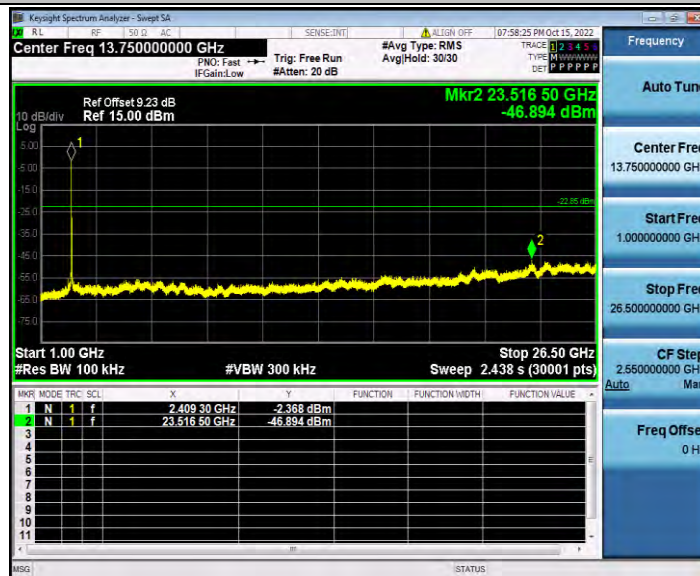
11G_Ant0_2412_0~Reference



11G_Ant0_2412_30~1000



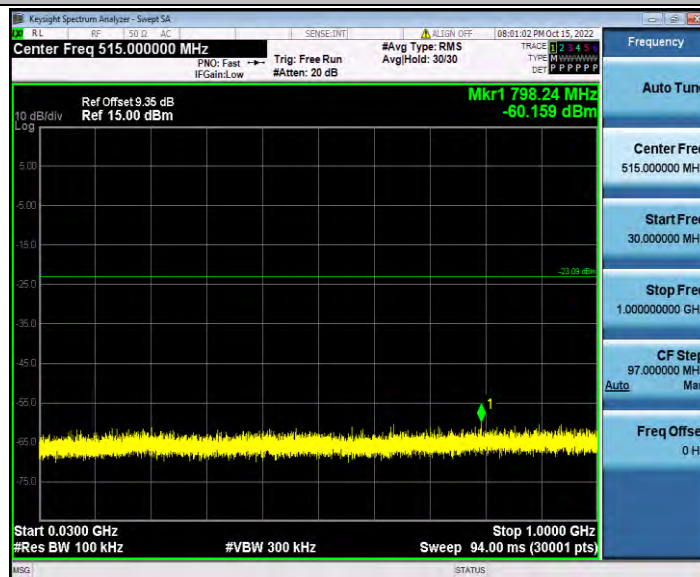
11G_Ant0_2412_1000~26500



11G_Ant0_2437_0~Reference



11G_Ant0_2437_30~1000



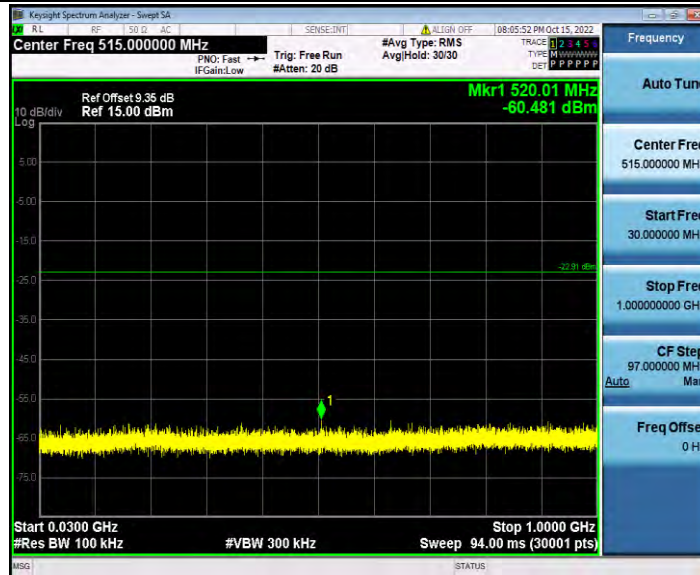
11G_Ant0_2437_1000~26500



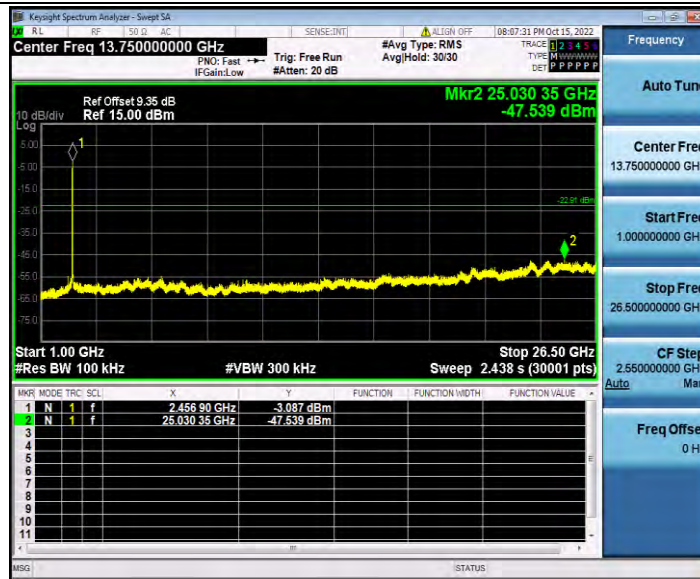
11G_Ant0_2462_0~Reference



11G_Ant0_2462_30~1000



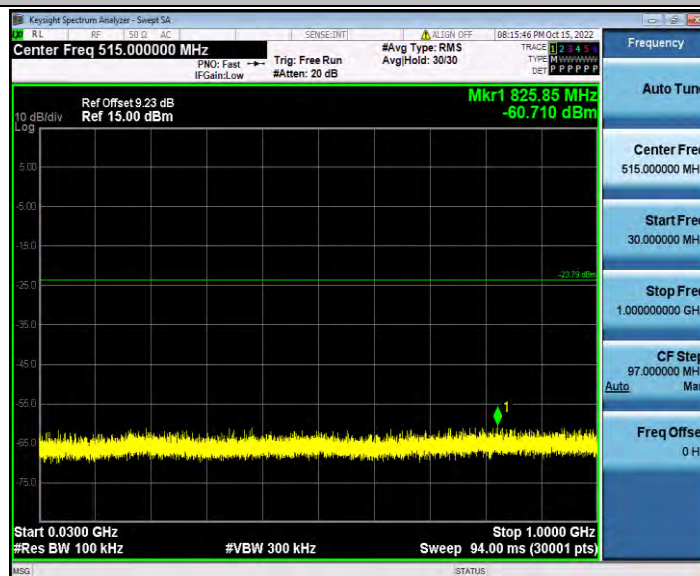
11G_Ant0_2462_1000~26500



11N20SISO_Ant0_2412_0~Reference



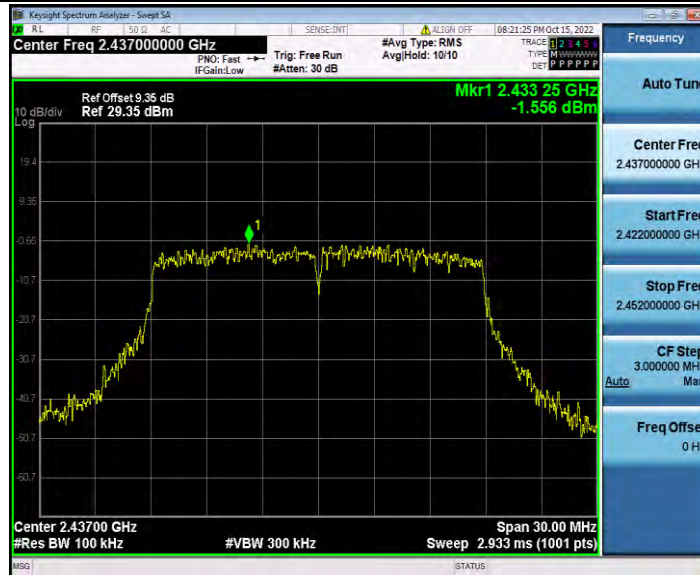
11N20SISO_Ant0_2412_30~1000



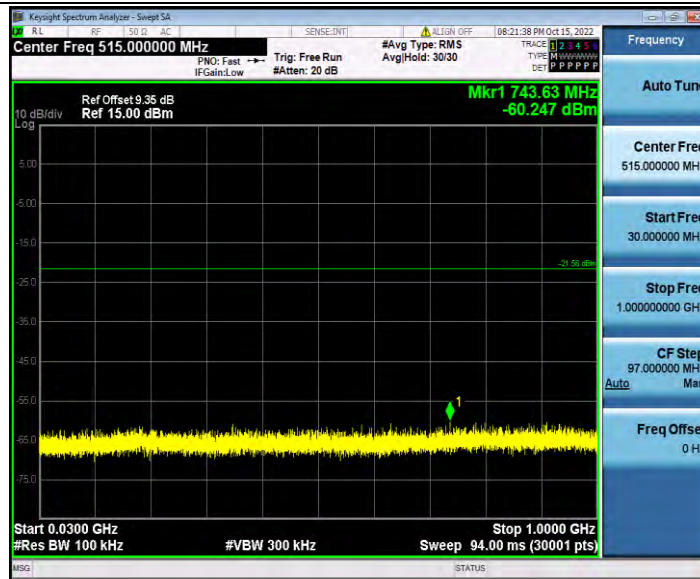
11N20SISO_Ant0_2412_1000~26500



11N20SISO_Ant0_2437_0~Reference



11N20SISO_Ant0_2437_30~1000



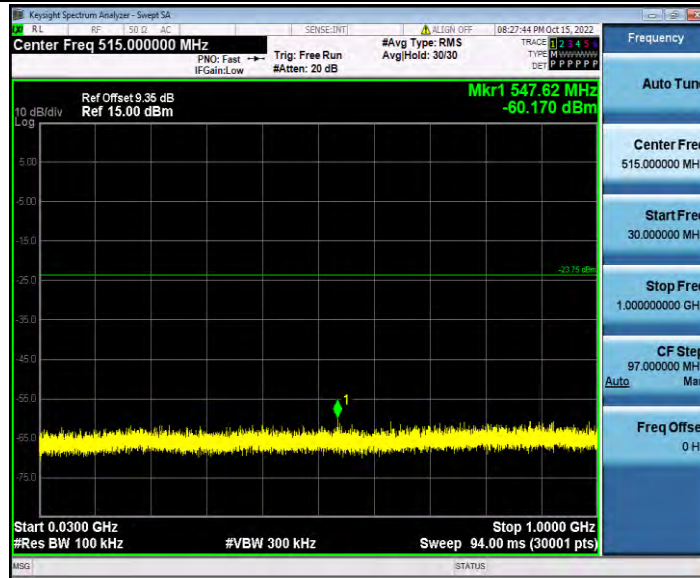
11N20SISO_Ant0_2437_1000~26500



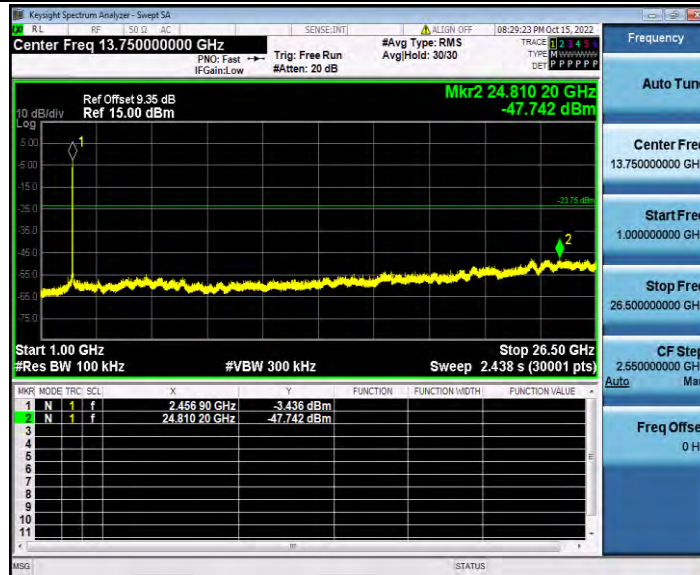
11N20SISO_Ant0_2462_0~Reference



11N20SISO_Ant0_2462_30~1000



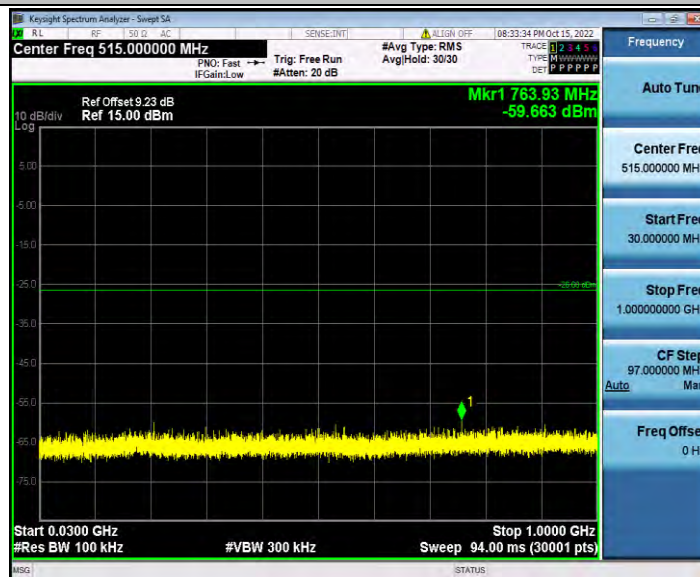
11N20SISO_Ant0_2462_1000~26500



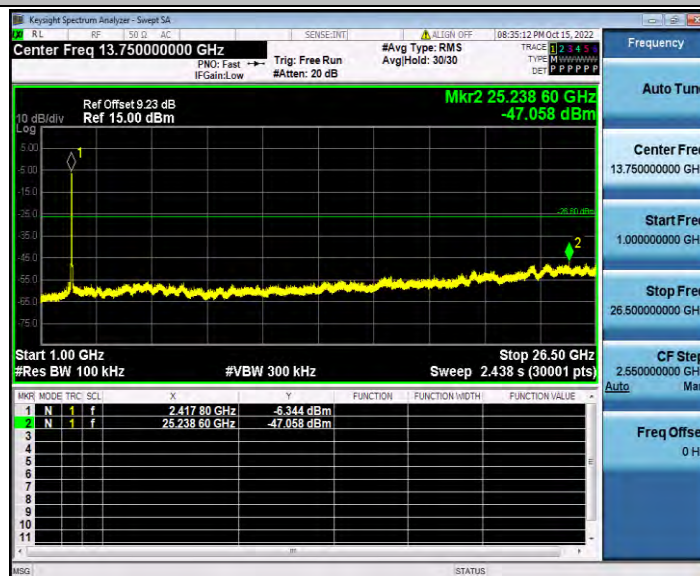
11N40SISO_Ant0_2422_0~Reference



11N40SISO_Ant0_2422_30~1000



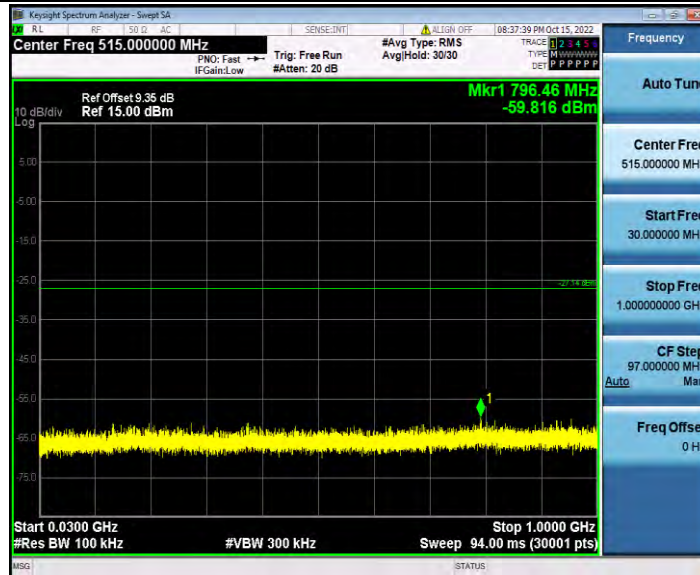
11N40SISO_Ant0_2422_1000~26500



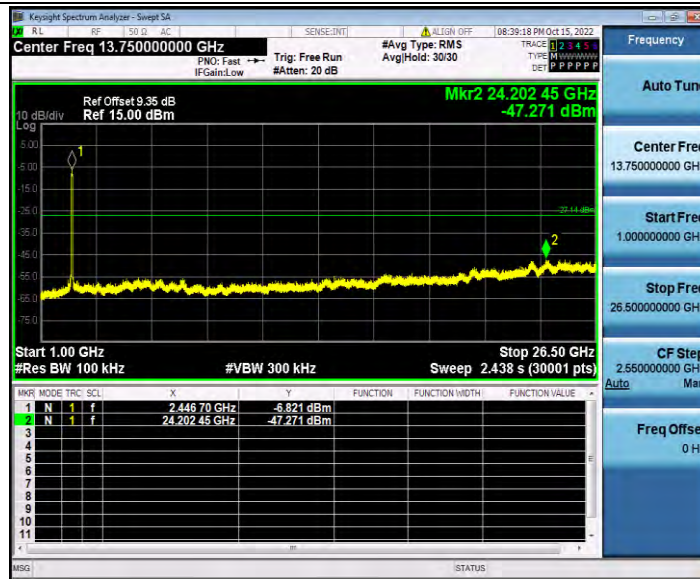
11N40SISO_Ant0_2437_0~Reference



11N40SISO_Ant0_2437_30~1000



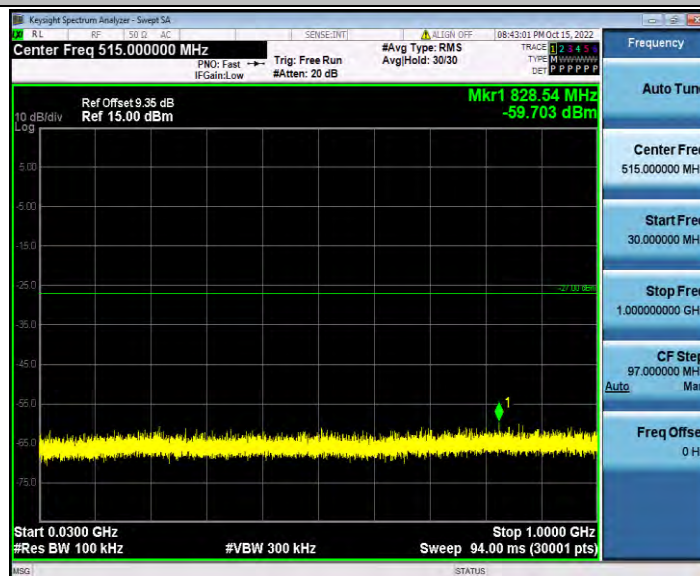
11N40SISO_Ant0_2437_1000~26500



11N40SISO_Ant0_2452_0~Reference



11N40SISO_Ant0_2452_30~1000



11N40SISO_Ant0_2452_1000~26500

