

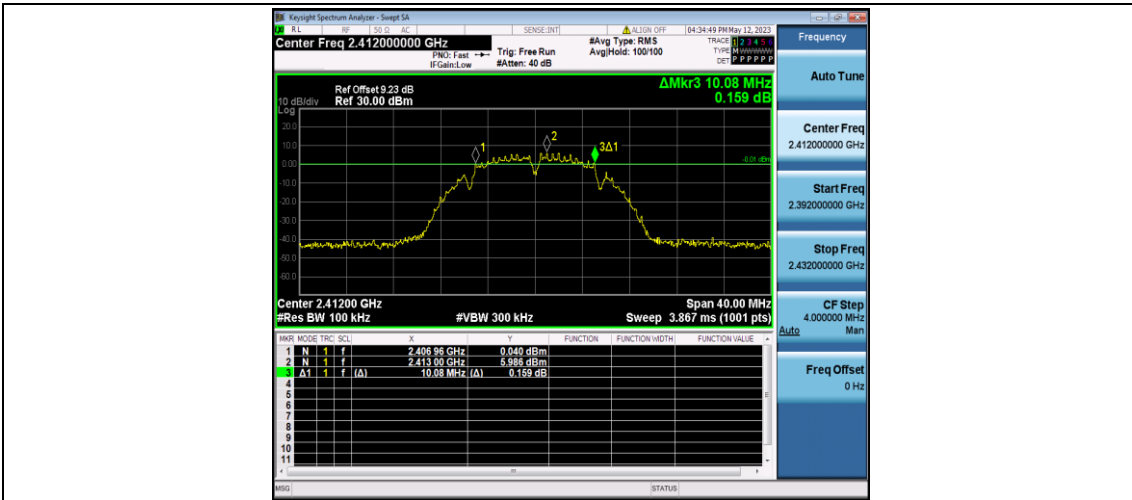
Case No. : <u>GTS20230227015-1-15</u>
Ambient Condition: <u>24</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.5.12</u> Test Engineer: <u>Jenny zeng</u>

Appendix A.1: DTS Bandwidth

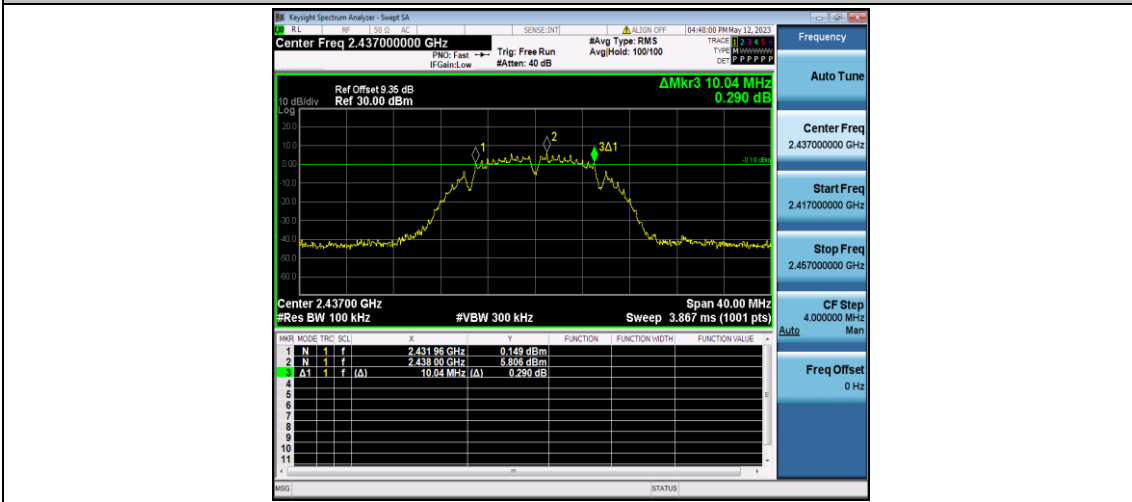
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.040	2431.960	2442.000	0.5	PASS
		2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.920	2403.480	2420.400	0.5	PASS
		2437	17.040	2428.440	2445.480	0.5	PASS
		2462	17.040	2453.480	2470.520	0.5	PASS
11N40SISO	Ant1	2422	35.280	2404.480	2439.760	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS

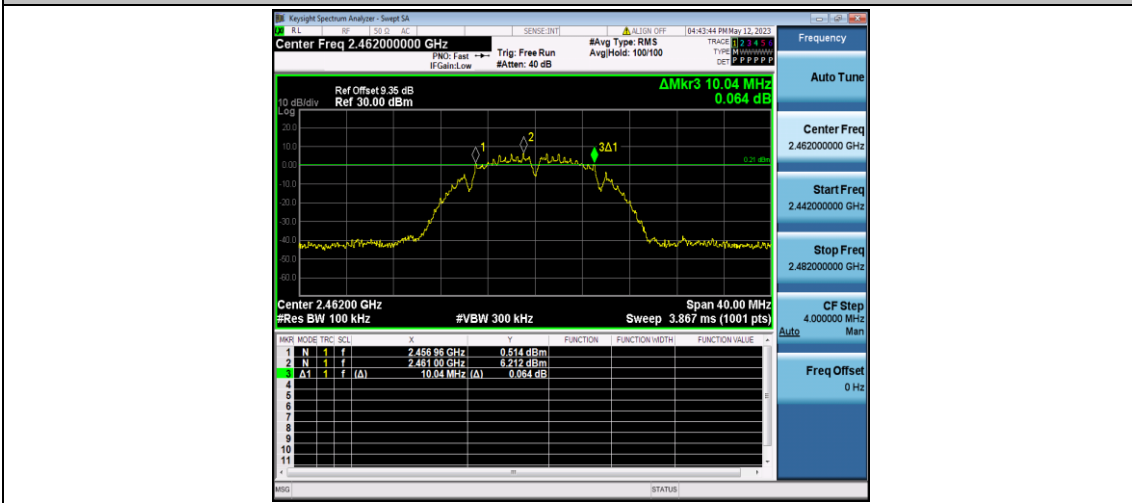
Test Graphs



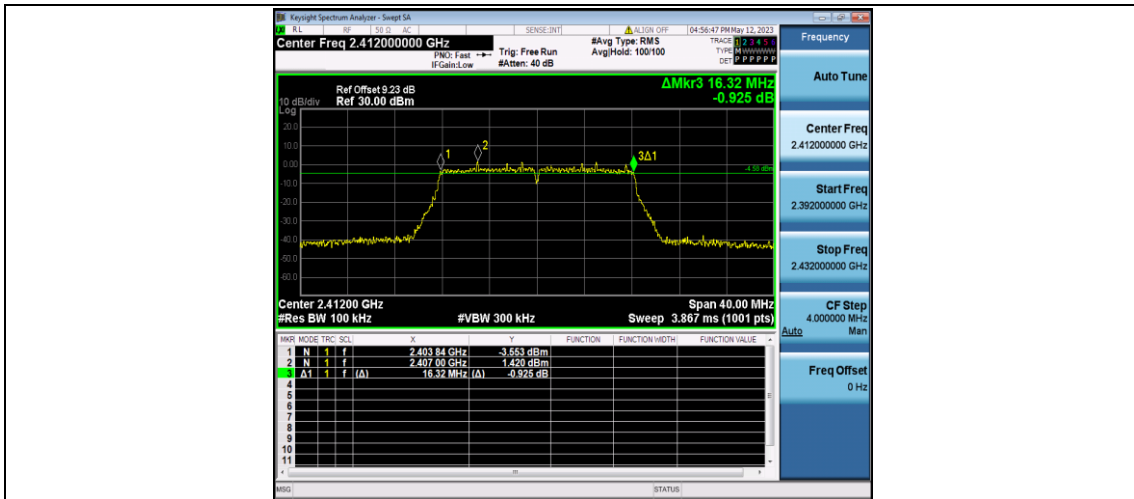
11B_Ant1_2412



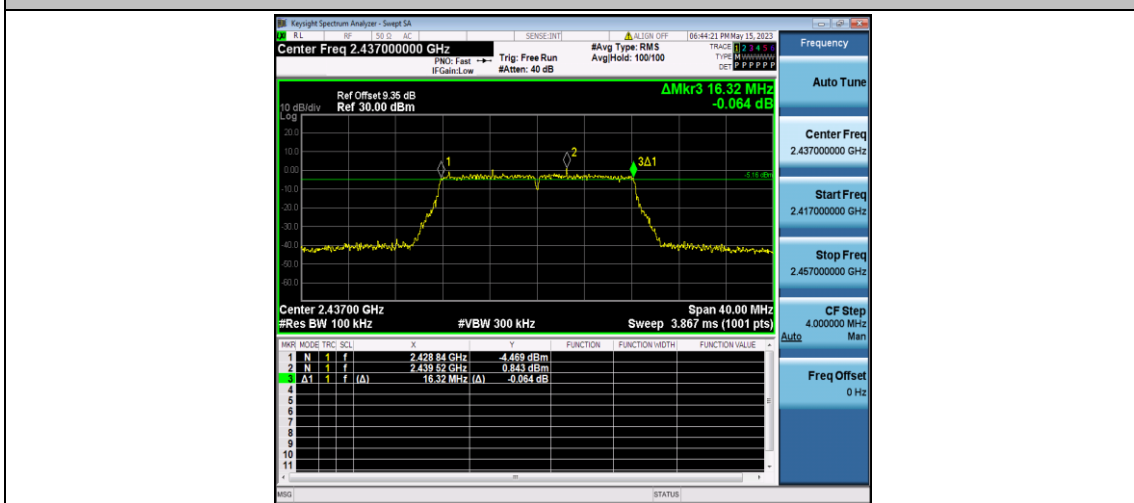
11B_Ant1_2437



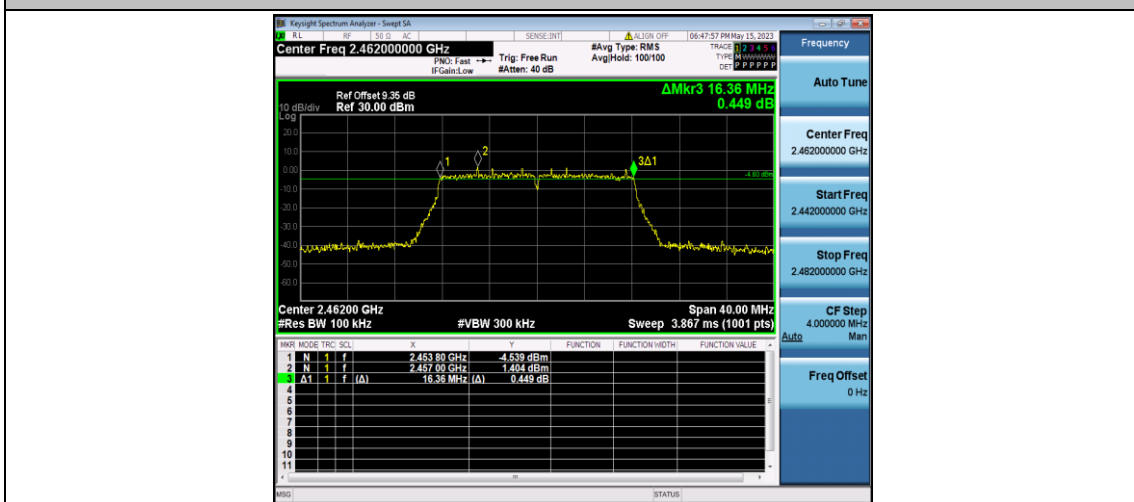
11B_Ant1_2462



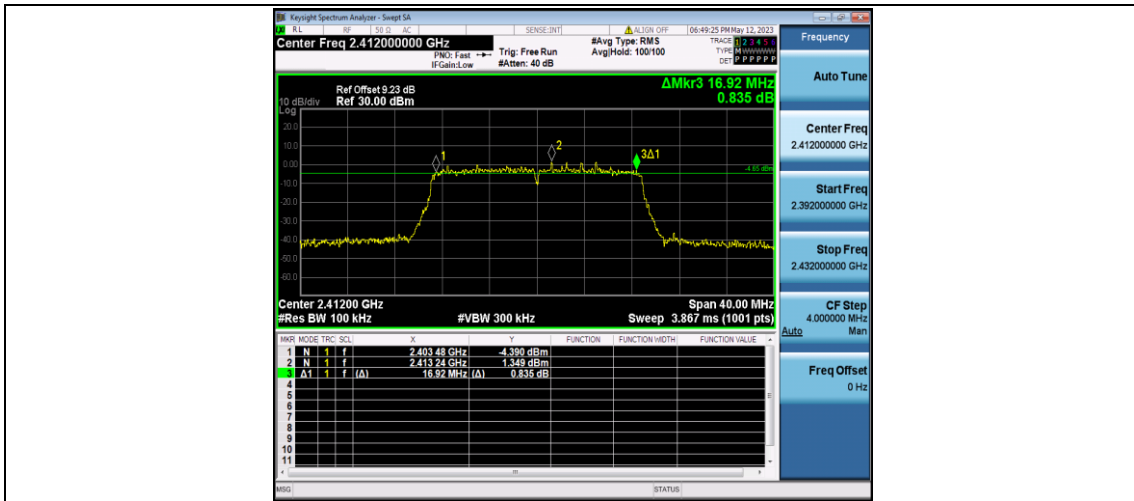
11G_Ant1_2412



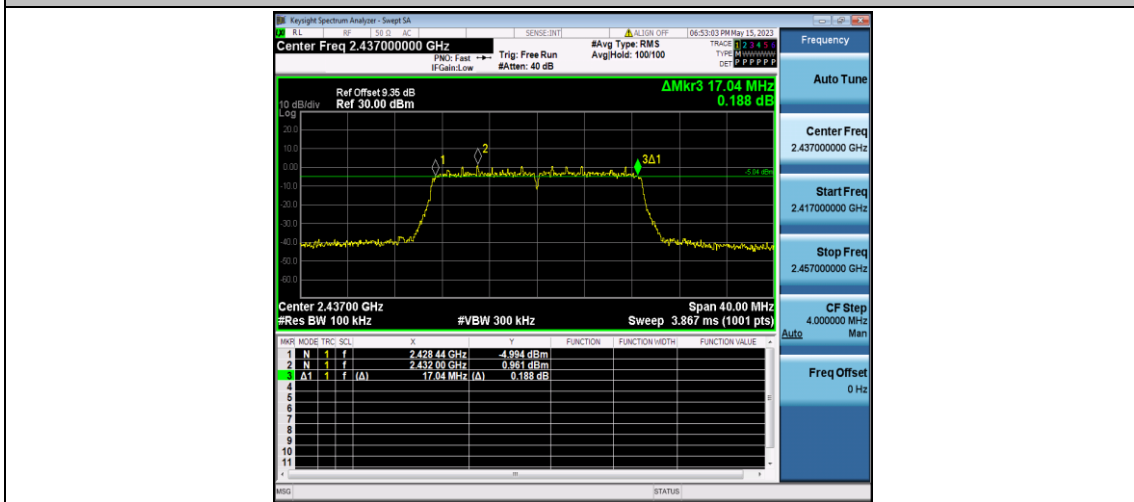
11G_Ant1_2437



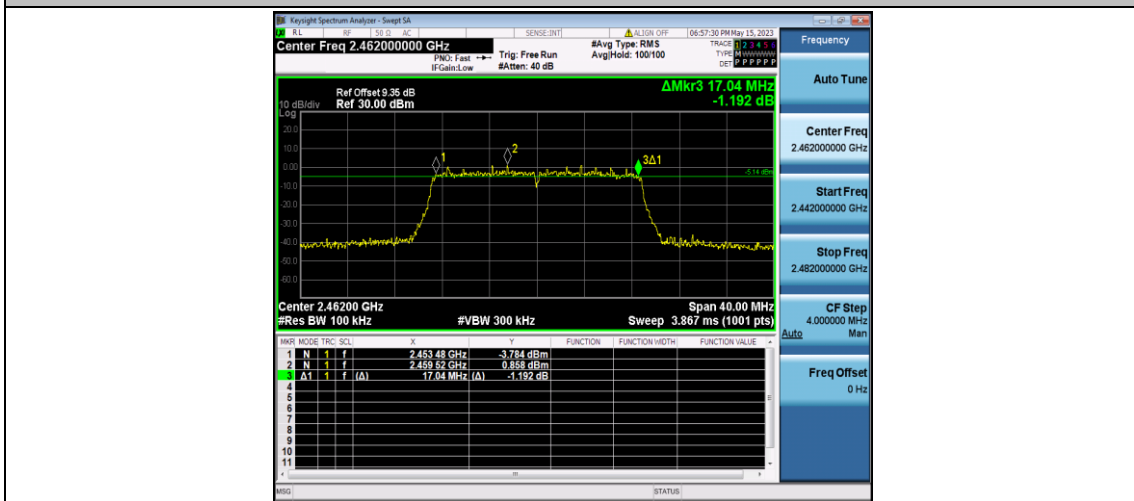
11G_Ant1_2462



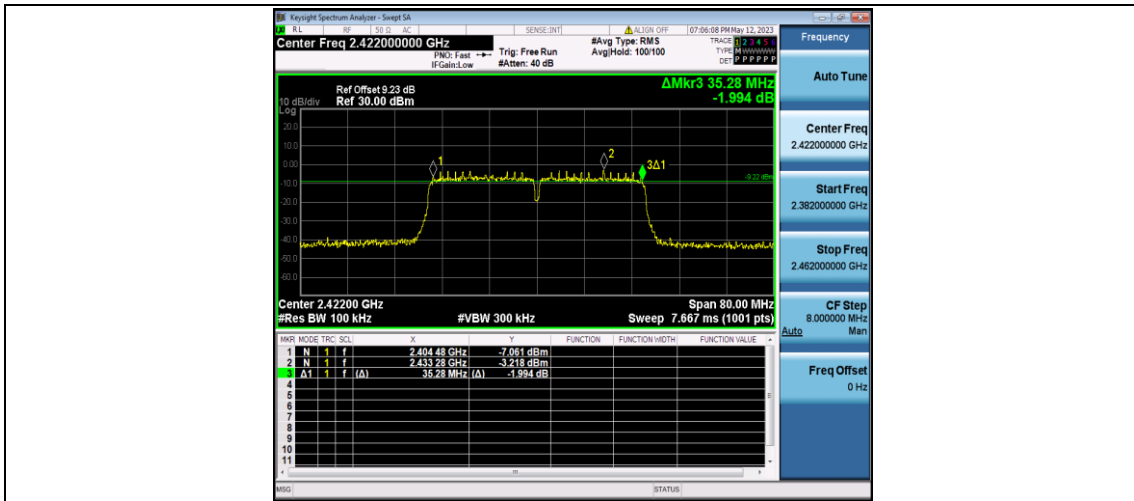
11N20SISO_Ant1_2412



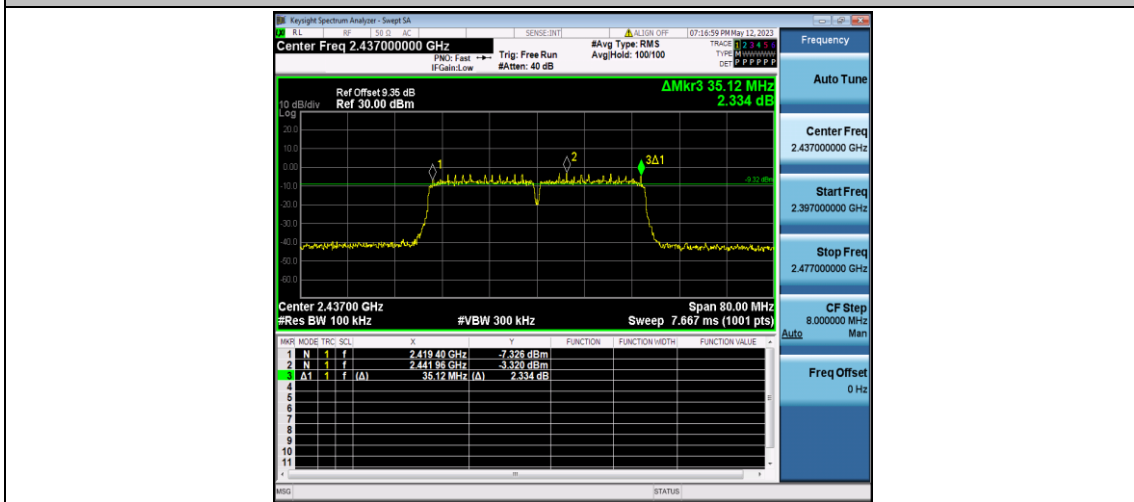
11N20SISO_Ant1_2437



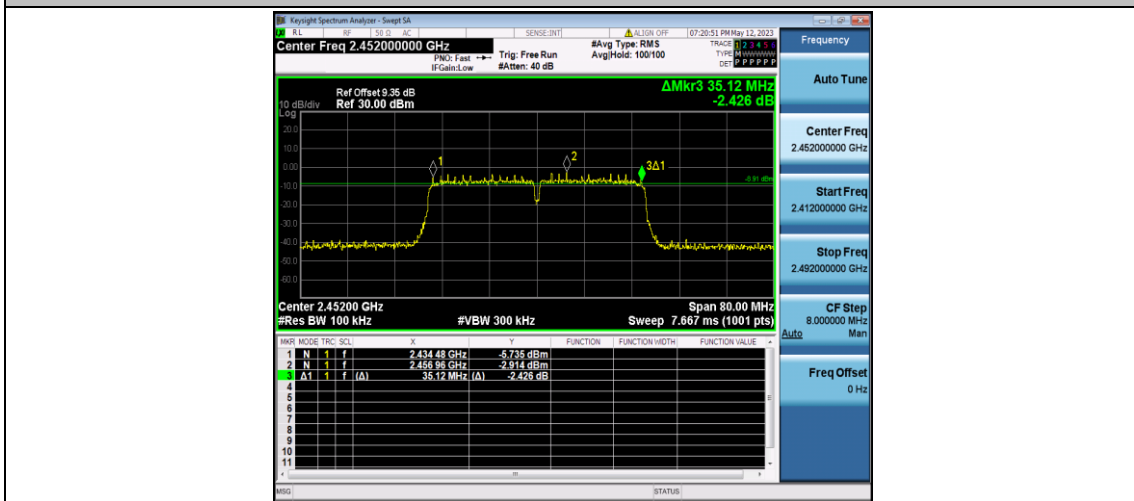
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix A.2: Occupied Channel Bandwidth

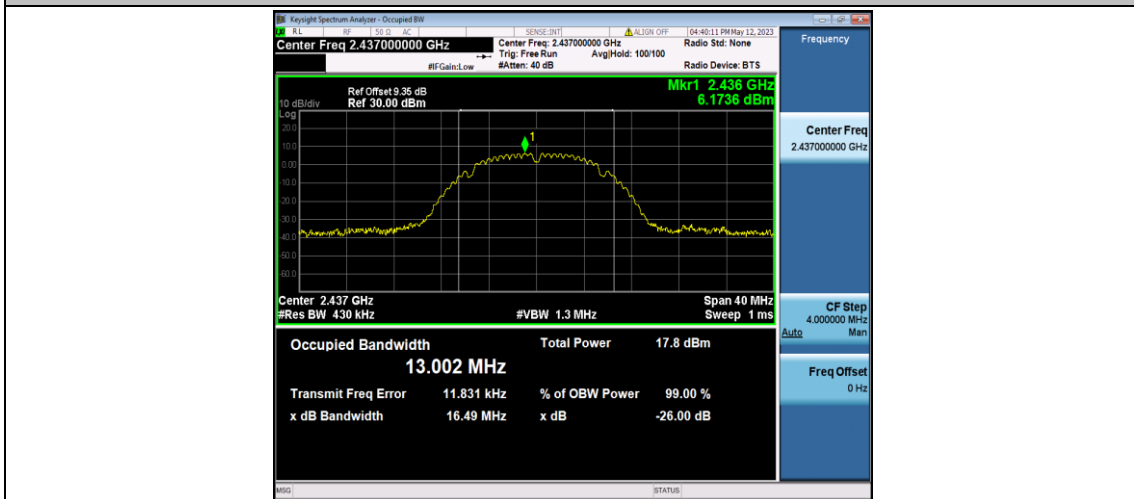
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.992	2405.513	2418.505	---	---
		2437	13.002	2430.511	2443.513	---	---
		2462	12.990	2455.483	2468.473	---	---
11G	Ant1	2412	16.839	2403.602	2420.441	---	---
		2437	16.835	2428.596	2445.431	---	---
		2462	16.743	2453.648	2470.391	---	---
11N20SISO	Ant1	2412	17.624	2403.188	2420.812	---	---
		2437	17.618	2428.198	2445.816	---	---
		2462	17.621	2453.194	2470.815	---	---
11N40SISO	Ant1	2422	35.963	2404.022	2439.985	---	---
		2437	36.034	2418.994	2455.028	---	---
		2452	35.886	2434.058	2469.944	---	---

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



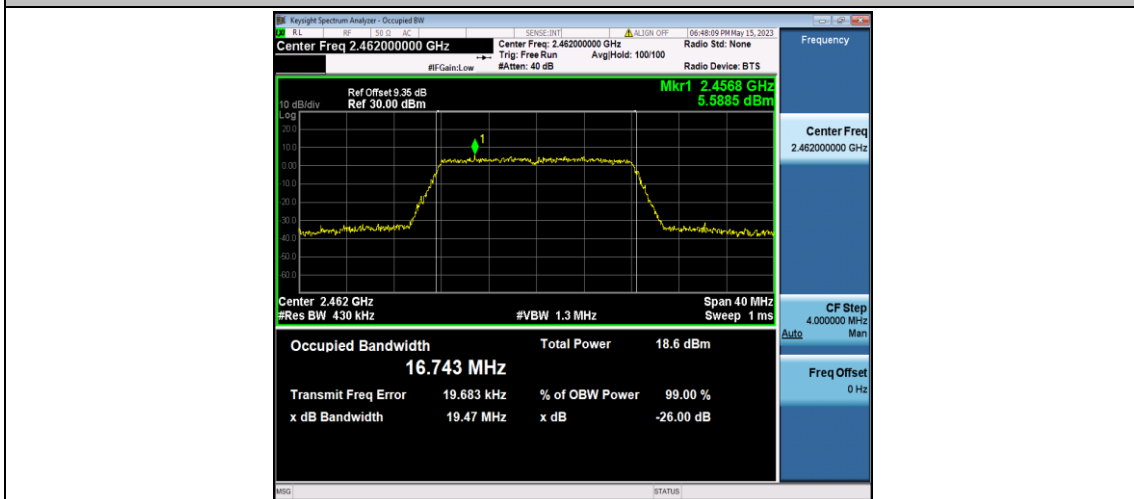
11B_Ant1_2462



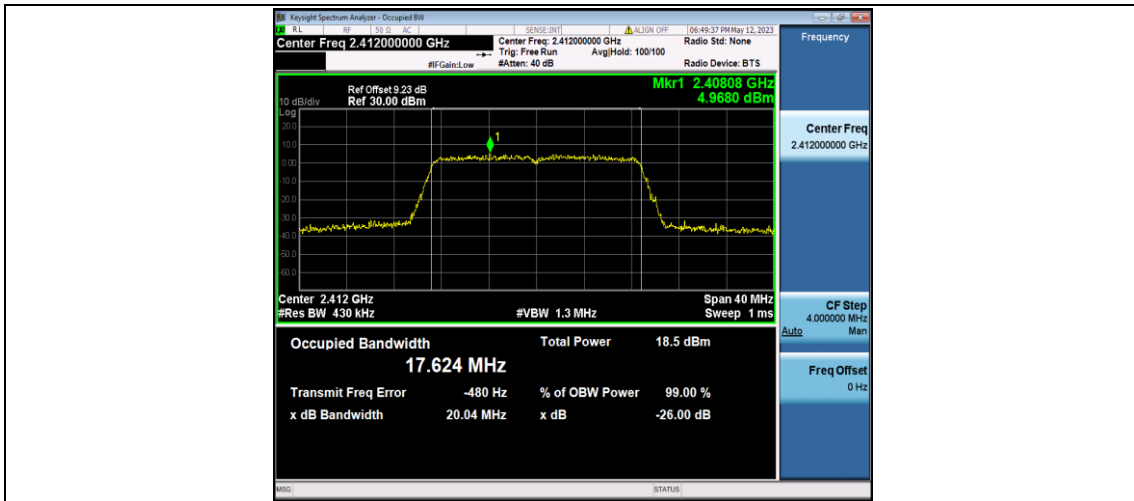
11G_Ant1_2412



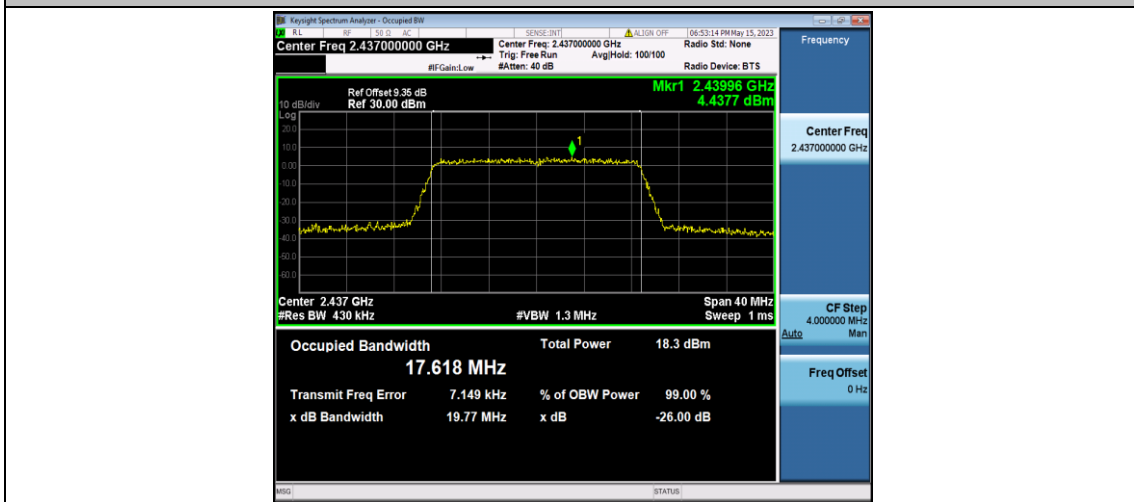
11G_Ant1_2437



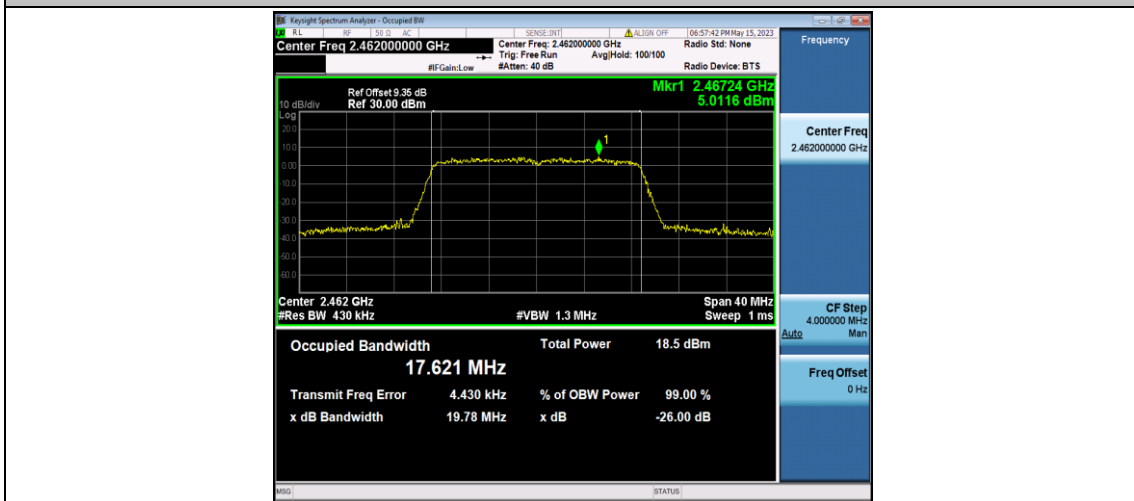
11G_Ant1_2462



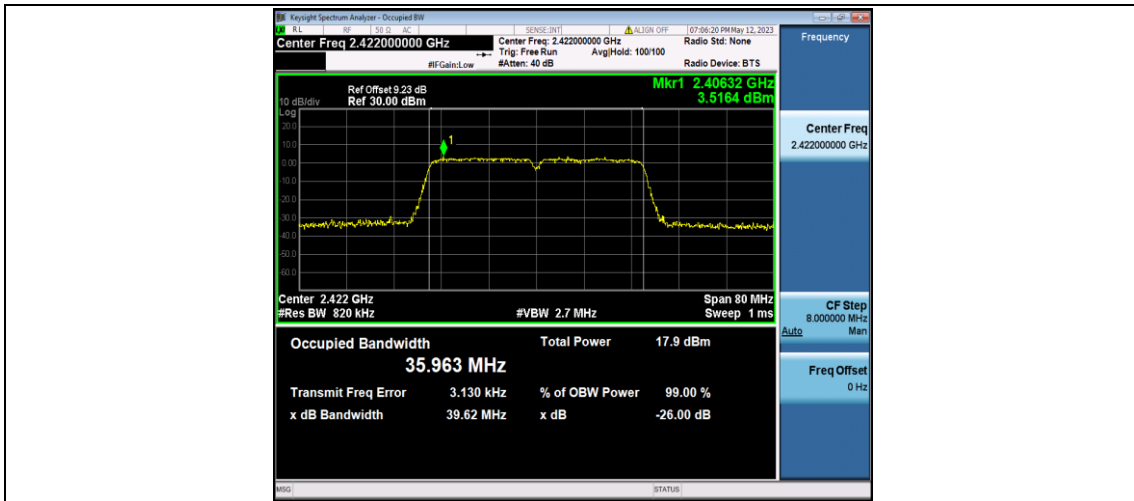
11N20SISO_Ant1_2412



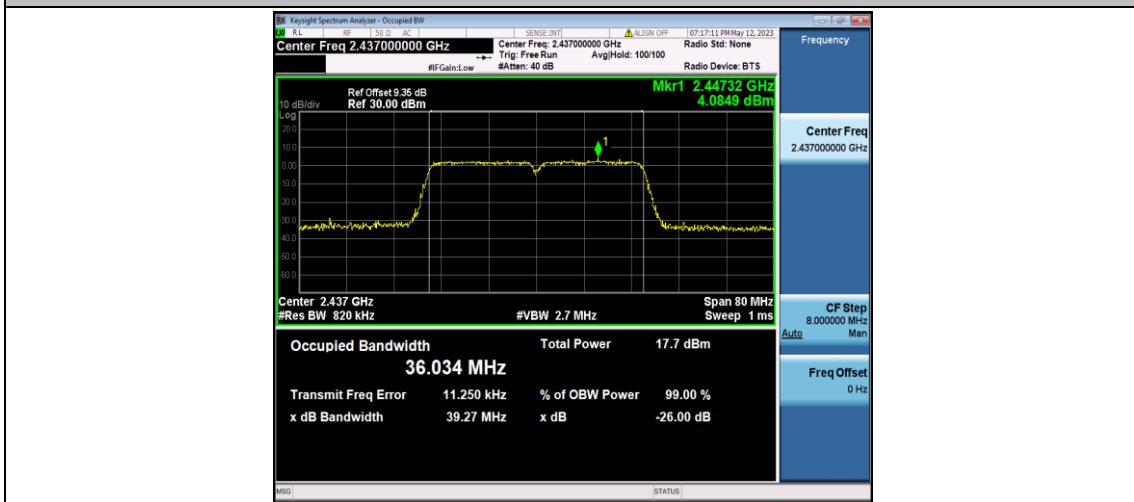
11N20SISO_Ant1_2437



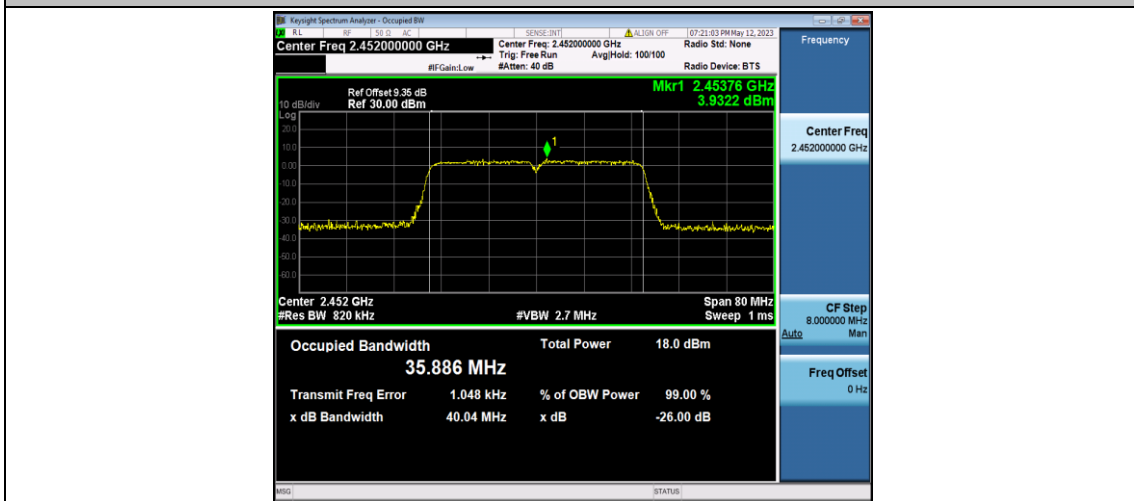
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix A.3: Maximum conducted output power

Test Result Peak

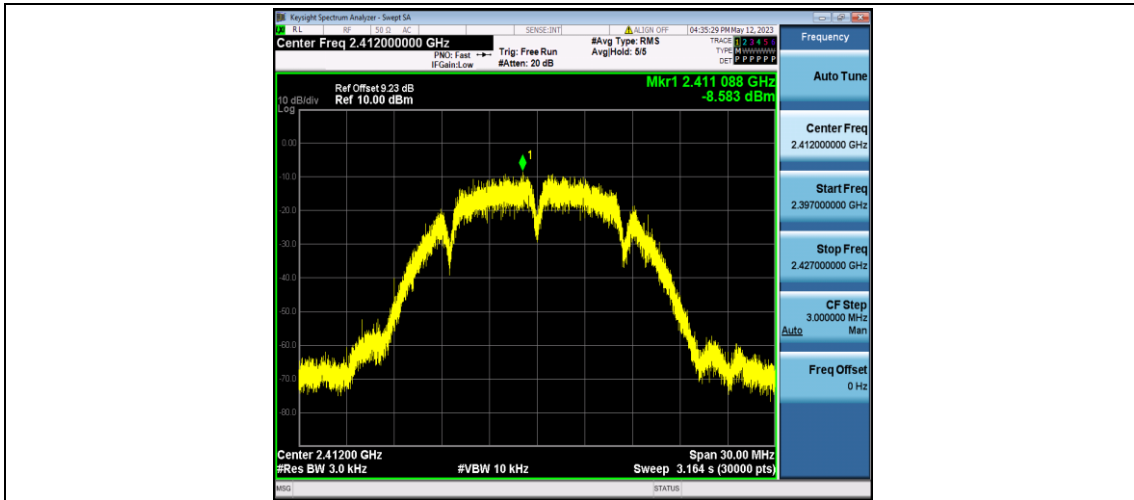
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.03	≤30.00	PASS
		2437	19.85	≤30.00	PASS
		2462	19.98	≤30.00	PASS
11G	Ant1	2412	19.93	≤30.00	PASS
		2437	19.68	≤30.00	PASS
		2462	19.71	≤30.00	PASS
11N20SISO	Ant1	2412	20.76	≤30.00	PASS
		2437	20.56	≤30.00	PASS
		2462	20.66	≤30.00	PASS
11N40SISO	Ant1	2422	20.28	≤30.00	PASS
		2437	20.13	≤30.00	PASS
		2452	20.30	≤30.00	PASS

Appendix A.4: Maximum power spectral density

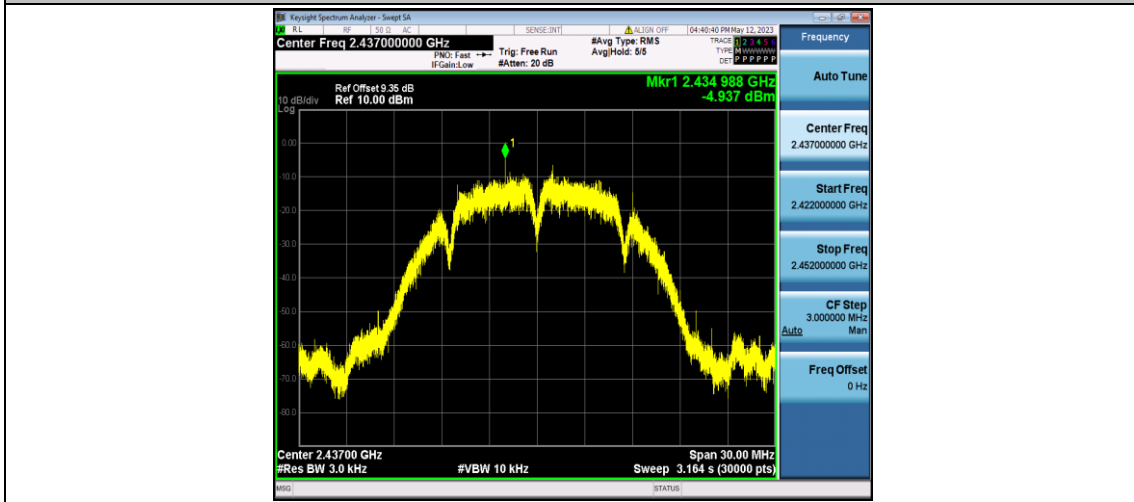
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.58	≤8.00	PASS
		2437	-4.94	≤8.00	PASS
		2462	-5.21	≤8.00	PASS
11G	Ant1	2412	-12.68	≤8.00	PASS
		2437	-12.15	≤8.00	PASS
		2462	-13.4	≤8.00	PASS
11N20SISO	Ant1	2412	-12.55	≤8.00	PASS
		2437	-13.05	≤8.00	PASS
		2462	-12.8	≤8.00	PASS
11N40SISO	Ant1	2422	-17.66	≤8.00	PASS
		2437	-16.9	≤8.00	PASS
		2452	-16.93	≤8.00	PASS

Test Graphs



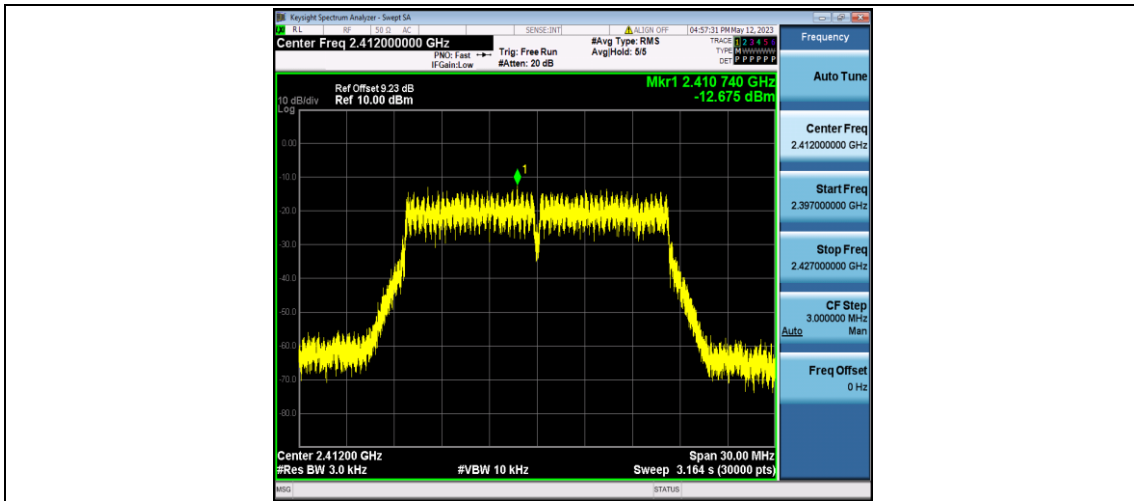
11B_Ant1_2412



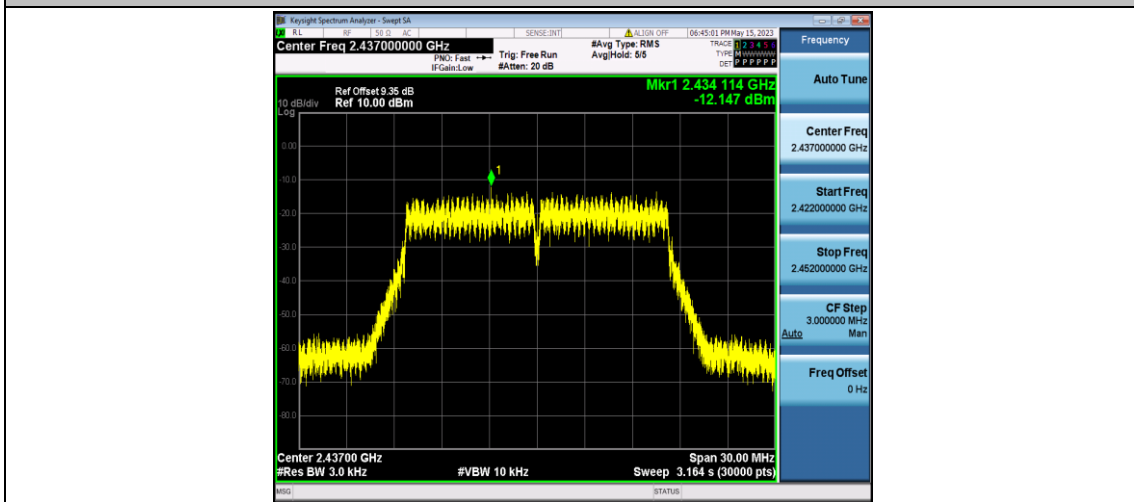
11B_Ant1_2437



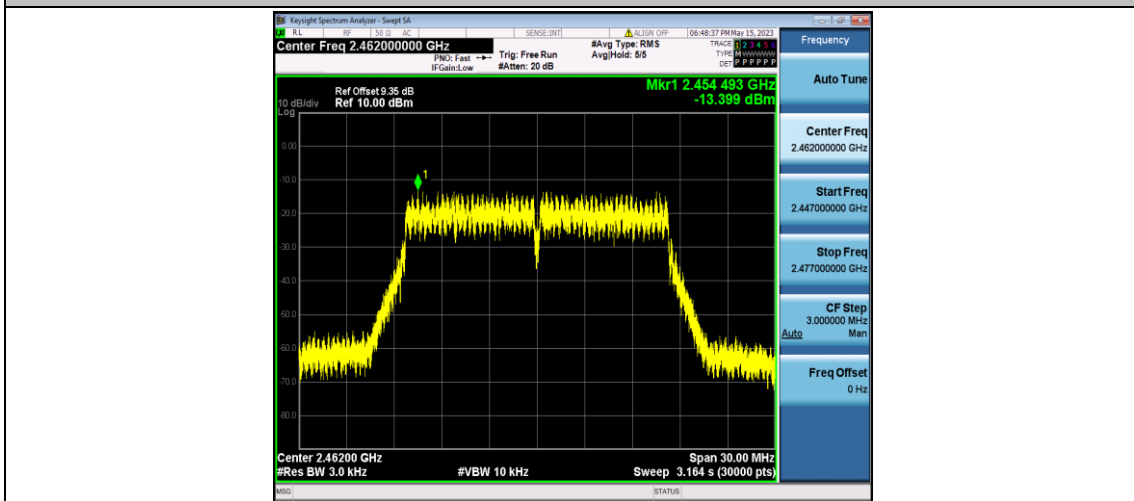
11B_Ant1_2462



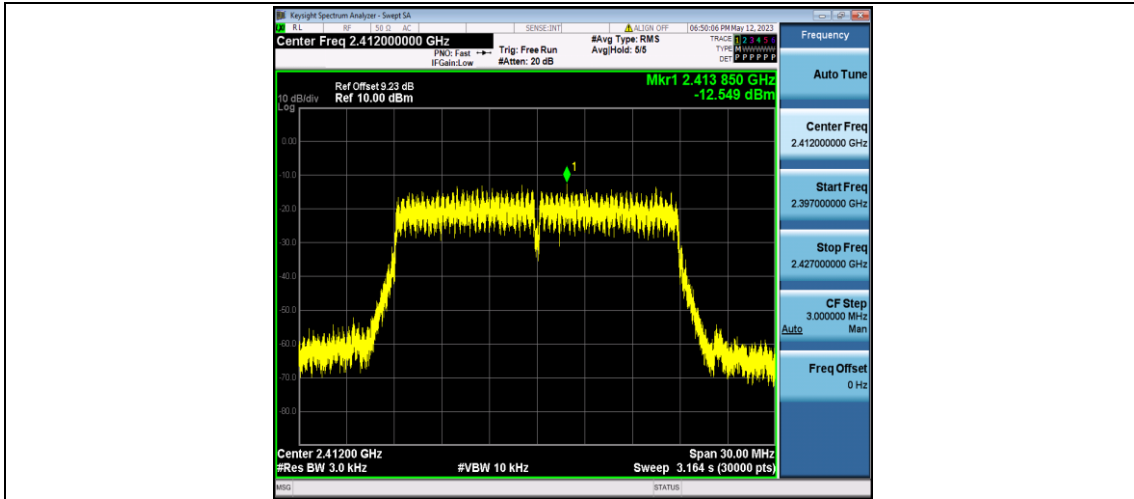
11G_Ant1_2412



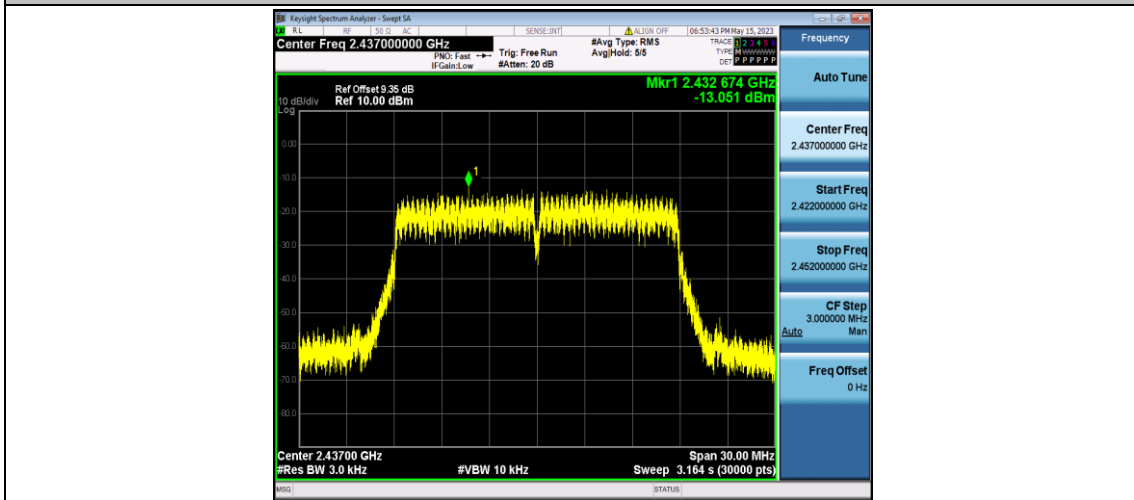
11G_Ant1_2437



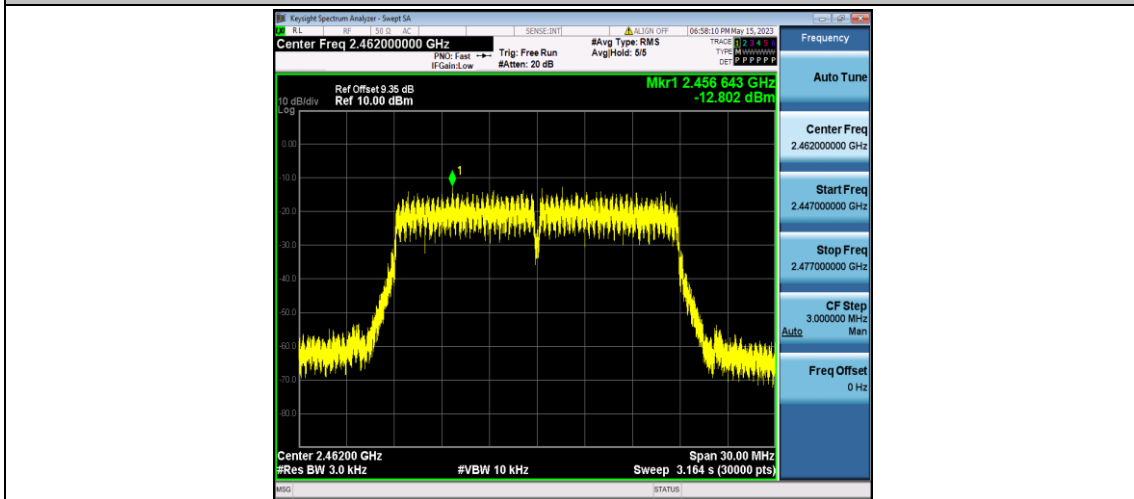
11G_Ant1_2462



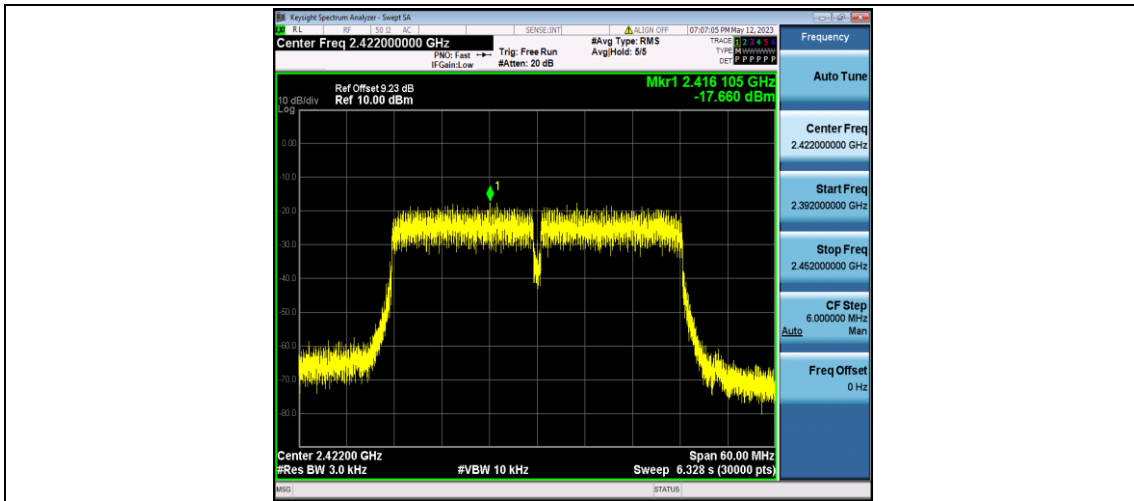
11N20SISO_Ant1_2412



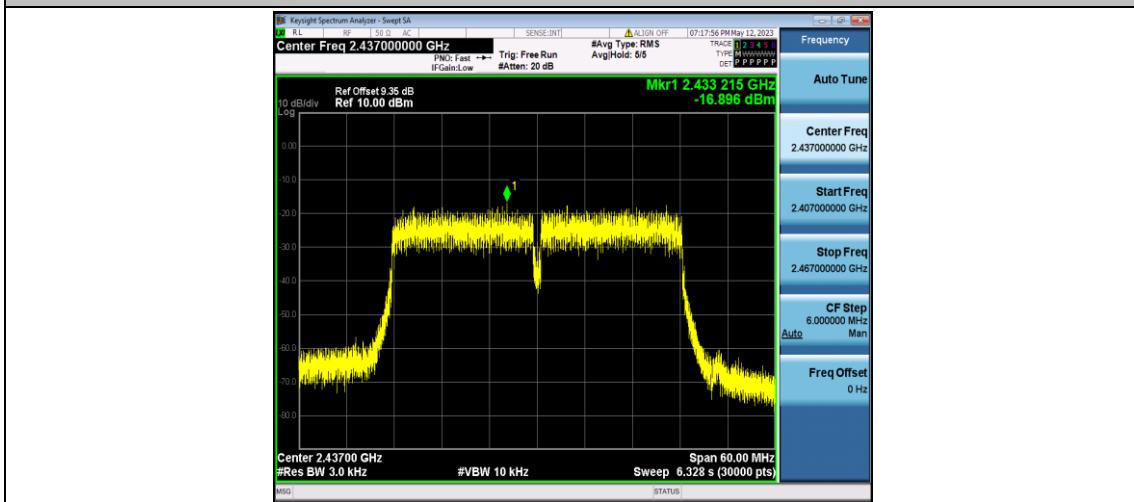
11N20SISO_Ant1_2437



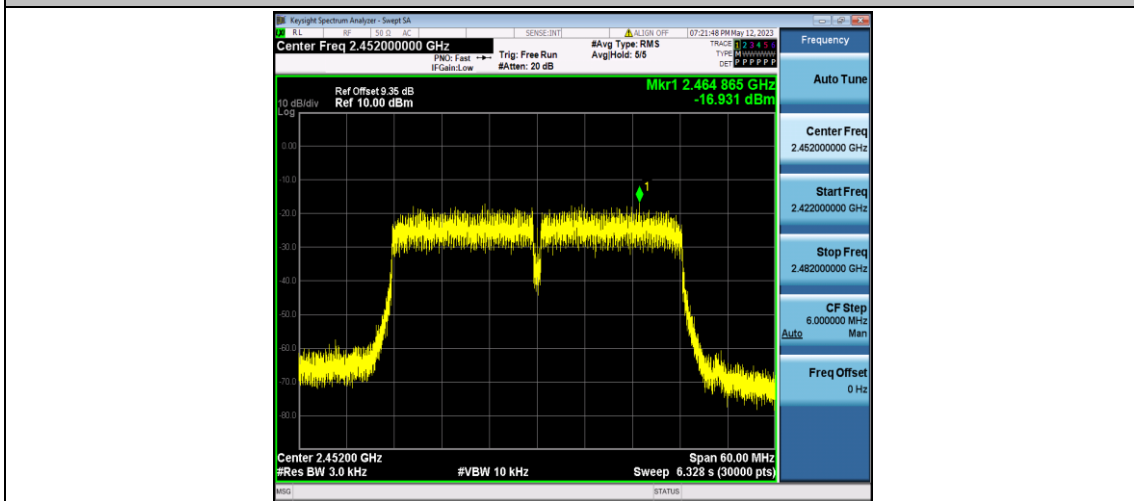
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452