

Case No. : <u>GTS20230330014-1-10</u>
Ambient Condition: <u>24</u> °C, <u>47</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.4.14</u> Test Engineer: <u>Jenny zeng</u>

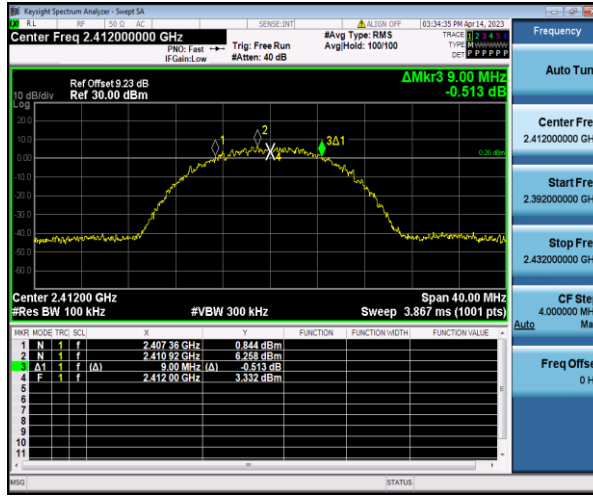
Appendix A.1: DTS Bandwidth

Test Result

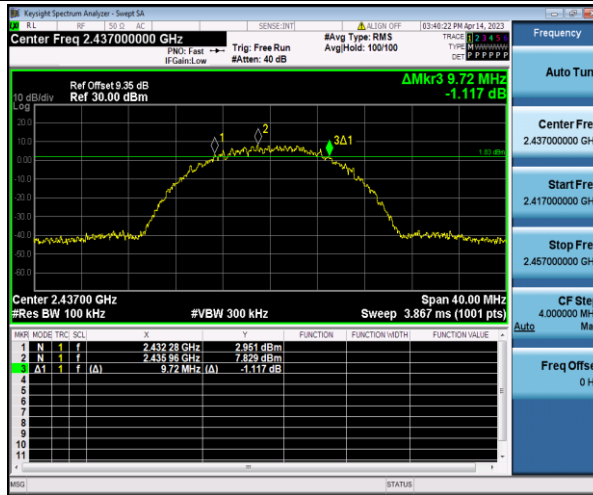
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.000	2407.360	2416.360	0.5	PASS
		2437	9.720	2432.280	2442.000	0.5	PASS
		2462	9.720	2457.280	2467.000	0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.440	2453.800	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.160	2420.840	0.5	PASS
		2437	17.720	2428.160	2445.880	0.5	PASS
		2462	17.680	2453.160	2470.840	0.5	PASS

Test Graphs

11B_Ant1_2412



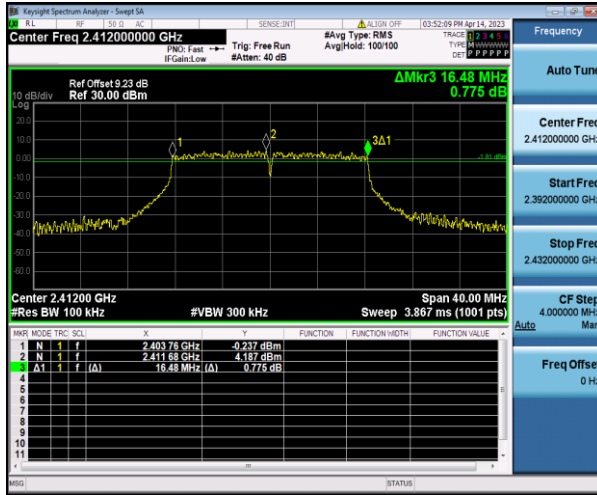
11B_Ant1_2437



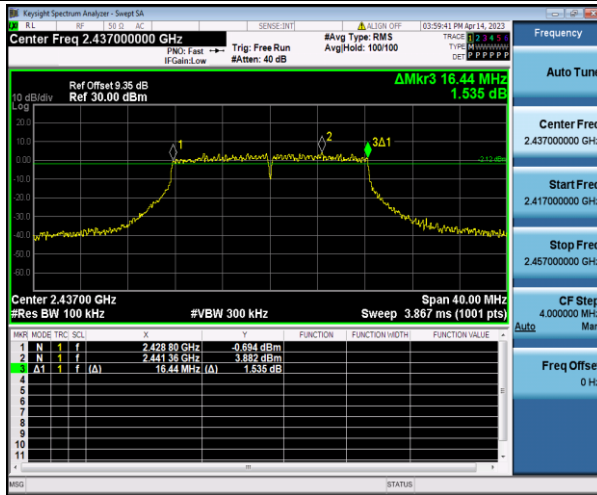
11B_Ant1_2462



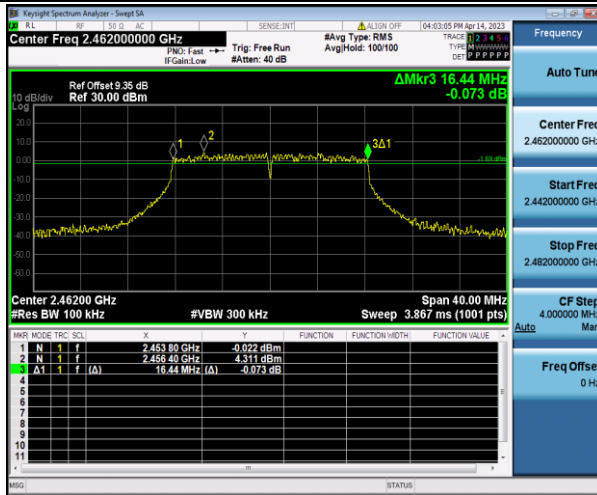
11G_Ant1_2412



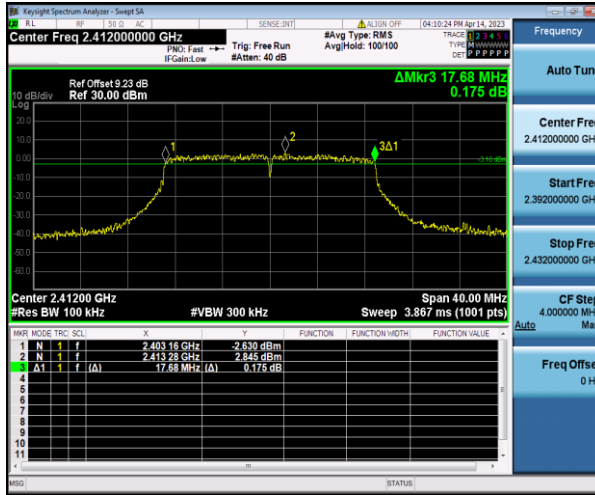
11G_Ant1_2437



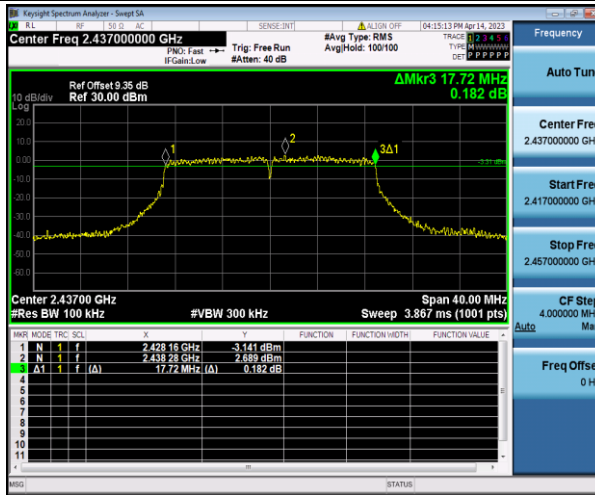
11G_Ant1_2462



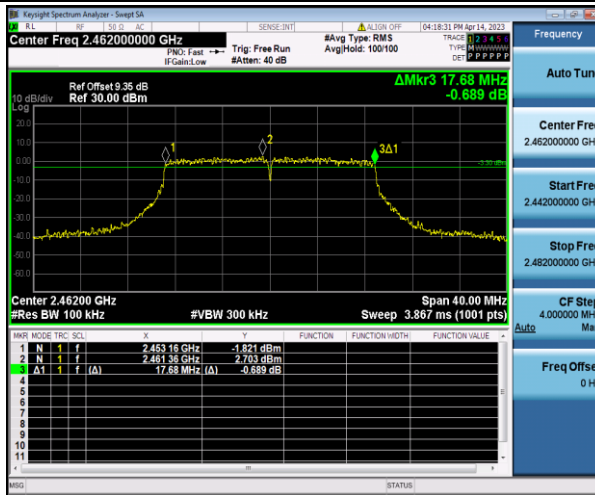
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.2: Occupied Channel Bandwidth

Test Result

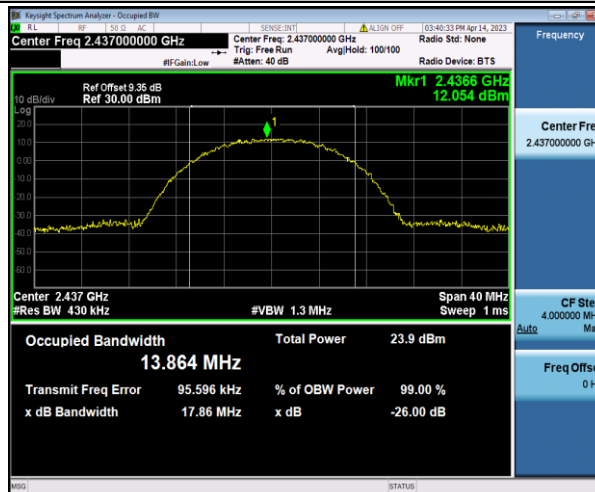
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.824	2405.083	2418.907	---	---
		2437	13.864	2430.164	2444.028	---	---
		2462	13.813	2455.128	2468.941	---	---
11G	Ant1	2412	16.693	2403.634	2420.327	---	---
		2437	16.745	2428.657	2445.402	---	---
		2462	16.746	2453.621	2470.367	---	---
11N20SISO	Ant1	2412	17.788	2403.090	2420.878	---	---
		2437	17.820	2428.128	2445.948	---	---
		2462	17.816	2453.062	2470.878	---	---

Test Graphs

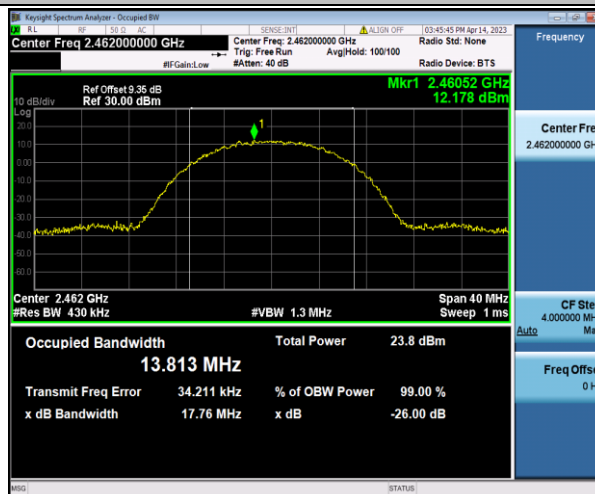
11B_Ant1_2412



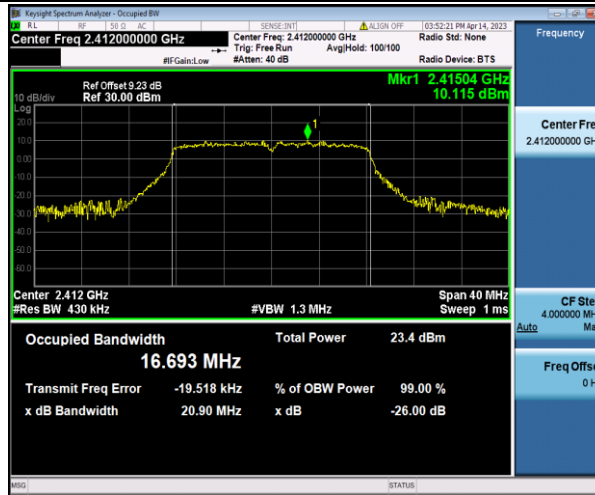
11B_Ant1_2437



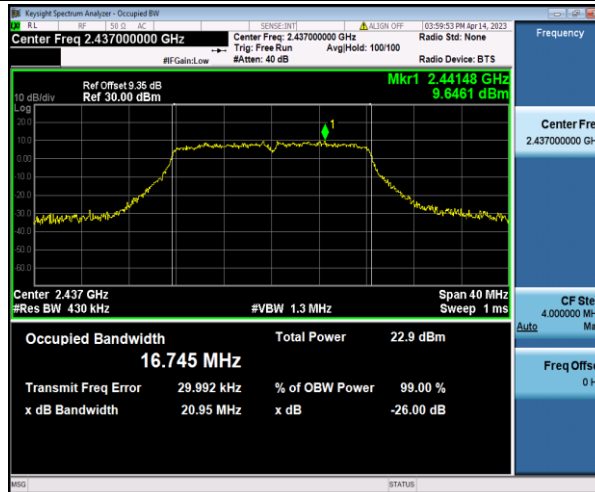
11B_Ant1_2462



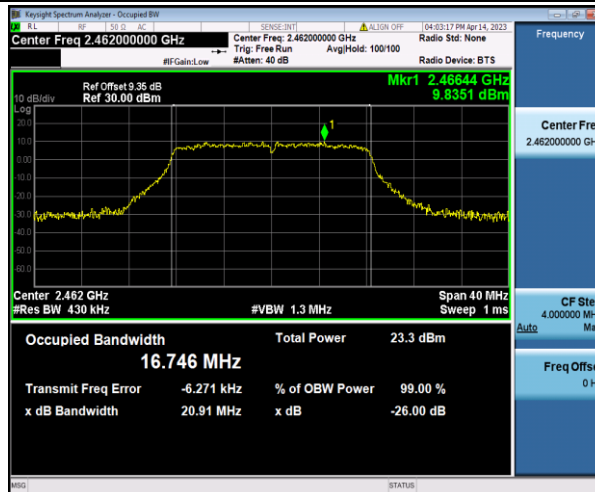
11G_Ant1_2412



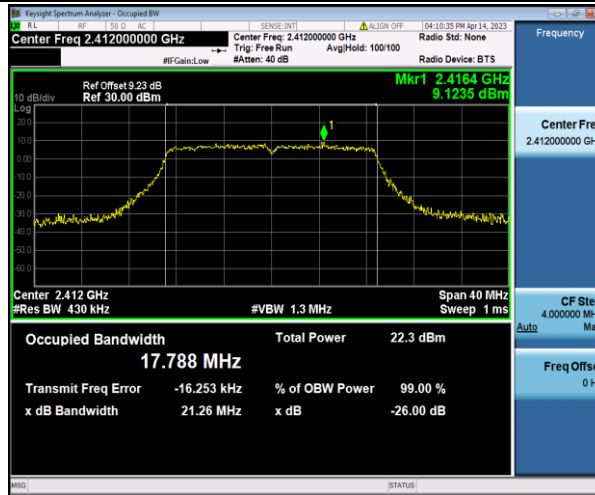
11G_Ant1_2437



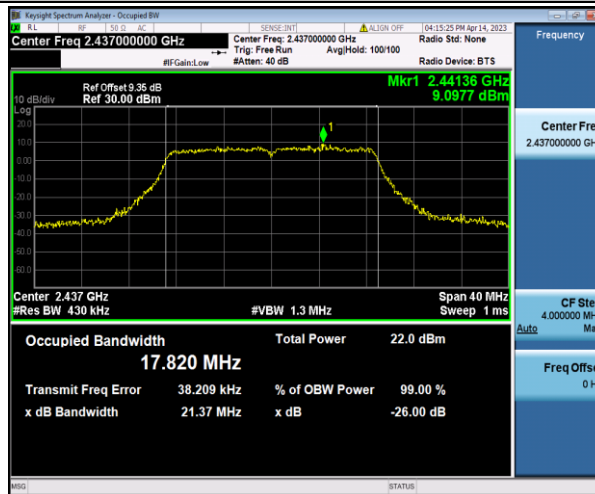
11G_Ant1_2462



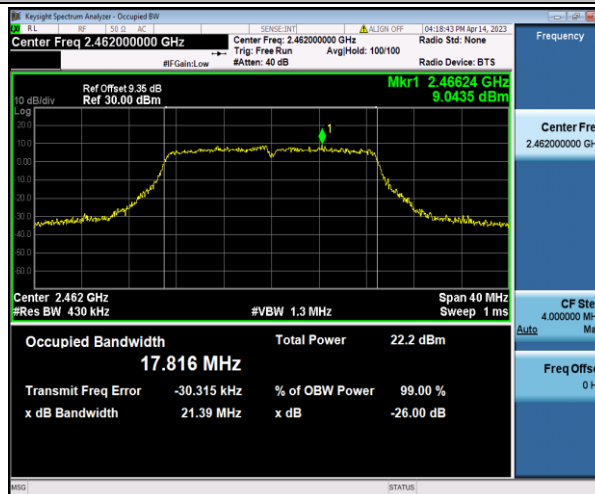
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix A.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	21.72	≤30.00	PASS
		2437	23.53	≤30.00	PASS
		2462	23.48	≤30.00	PASS
11G	Ant1	2412	24.52	≤30.00	PASS
		2437	24.11	≤30.00	PASS
		2462	24.45	≤30.00	PASS
11N20SISO	Ant1	2412	23.22	≤30.00	PASS
		2437	22.86	≤30.00	PASS
		2462	23.02	≤30.00	PASS

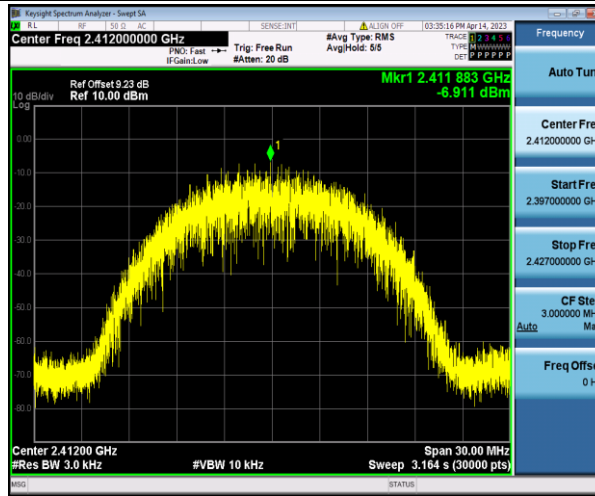
Appendix A.4: Maximum power spectral density

Test Result

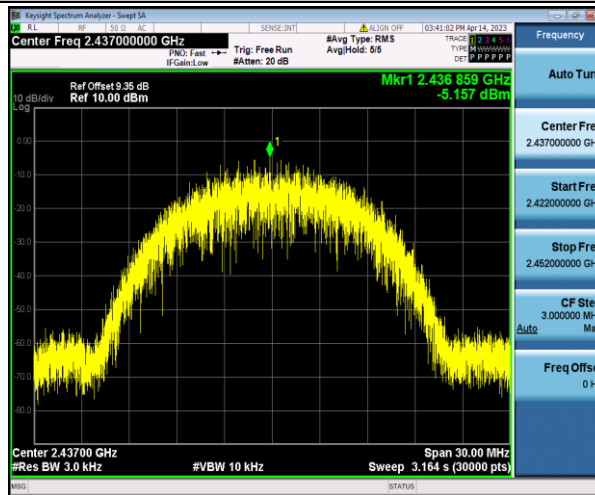
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.91	≤8.00	PASS
		2437	-5.16	≤8.00	PASS
		2462	-5.22	≤8.00	PASS
11G	Ant1	2412	-9.09	≤8.00	PASS
		2437	-9.68	≤8.00	PASS
		2462	-9.34	≤8.00	PASS
11N20SISO	Ant1	2412	-11.12	≤8.00	PASS
		2437	-11.56	≤8.00	PASS
		2462	-11.2	≤8.00	PASS

Test Graphs

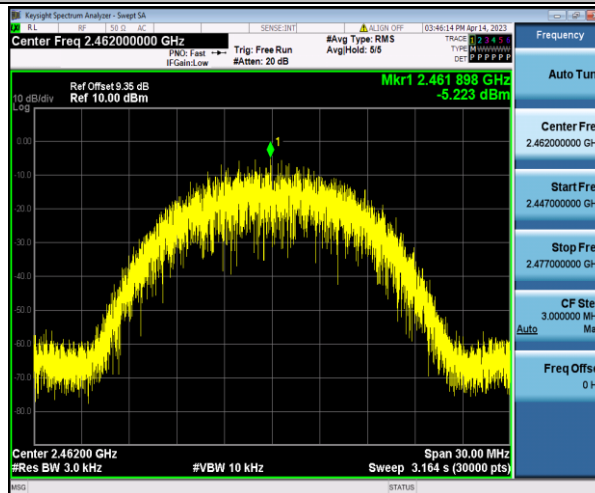
11B_Ant1_2412



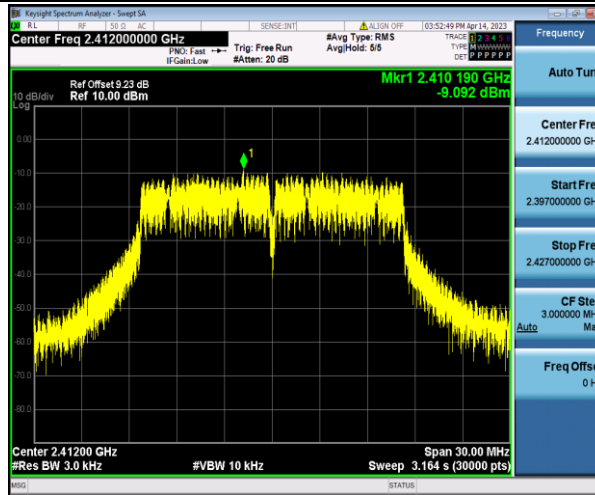
11B_Ant1_2437



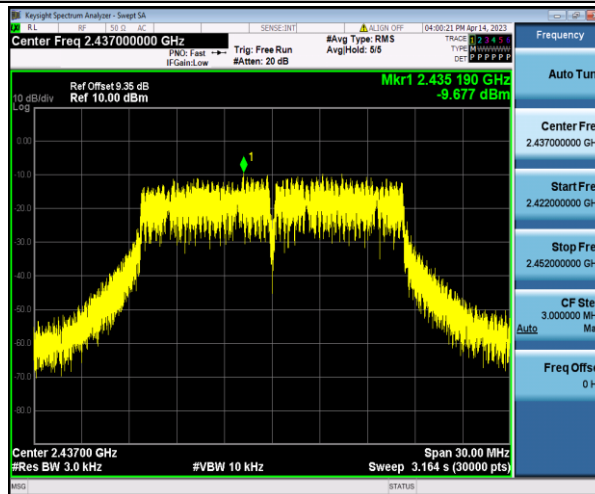
11B_Ant1_2462



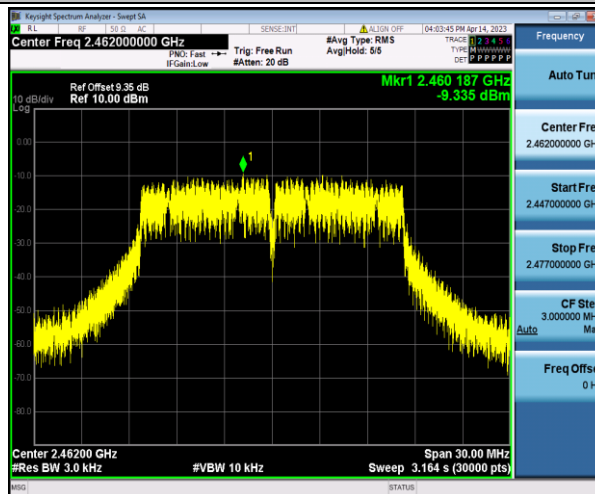
11G_Ant1_2412



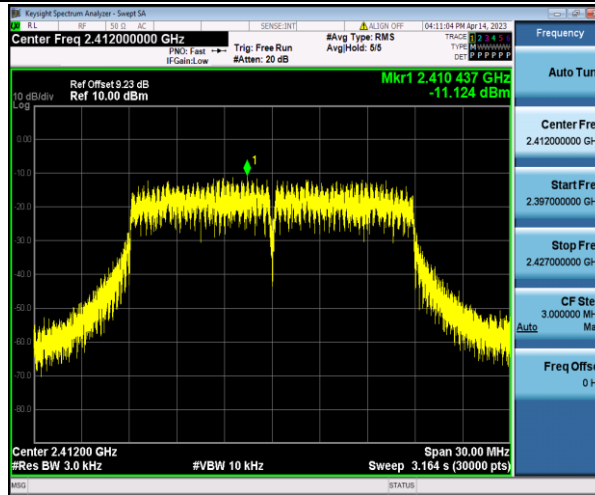
11G_Ant1_2437



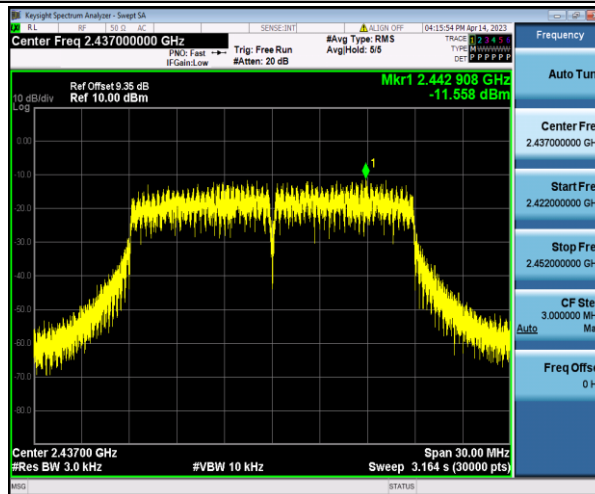
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

