

Case No. : <u>GTS20241230006-2-09</u>	
Ambient Condition: <u>22</u> °C, <u>49</u> %RH,	
Test Date: <u>2025.1.7</u>	Test Engineer: <u>Evan ouyang</u>

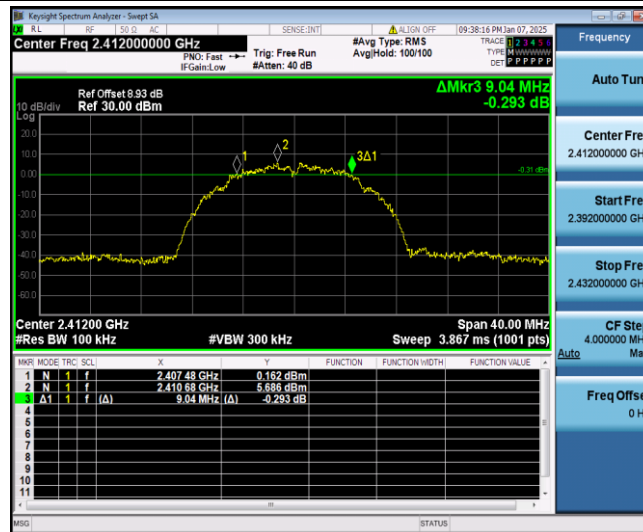
Appendix B.1: DTS Bandwidth

Test Result

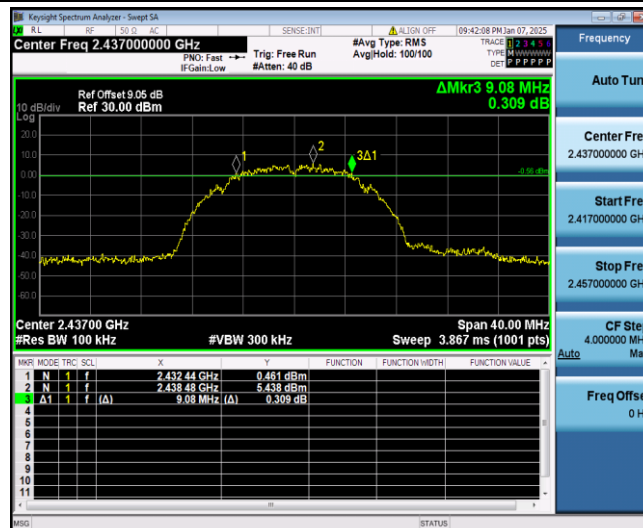
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.480	2416.520	0.5	PASS
		2437	9.080	2432.440	2441.520	0.5	PASS
		2462	9.200	2457.280	2466.480	0.5	PASS
11G	Ant1	2412	15.920	2403.840	2419.760	0.5	PASS
		2437	16.360	2428.800	2445.160	0.5	PASS
		2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.920	2403.480	2420.400	0.5	PASS
		2437	16.320	2428.800	2445.120	0.5	PASS
		2462	16.280	2453.600	2469.880	0.5	PASS
11AX20SISO	Ant1	2412	17.120	2403.080	2420.200	0.5	PASS
		2437	17.320	2428.120	2445.440	0.5	PASS
		2462	16.840	2453.520	2470.360	0.5	PASS

Test Graphs

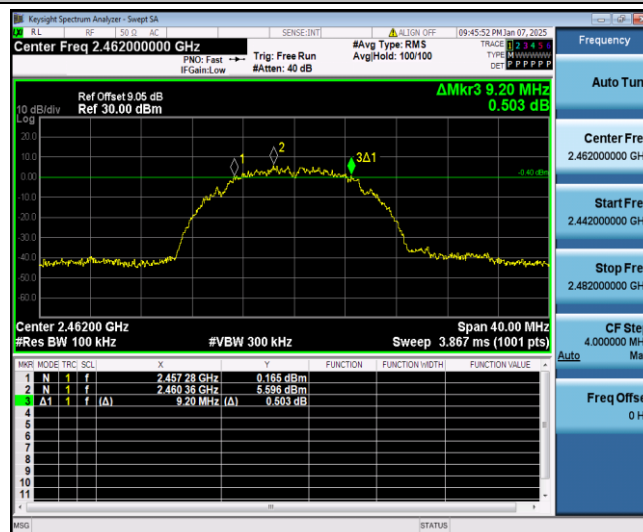
11B_Ant1_2412



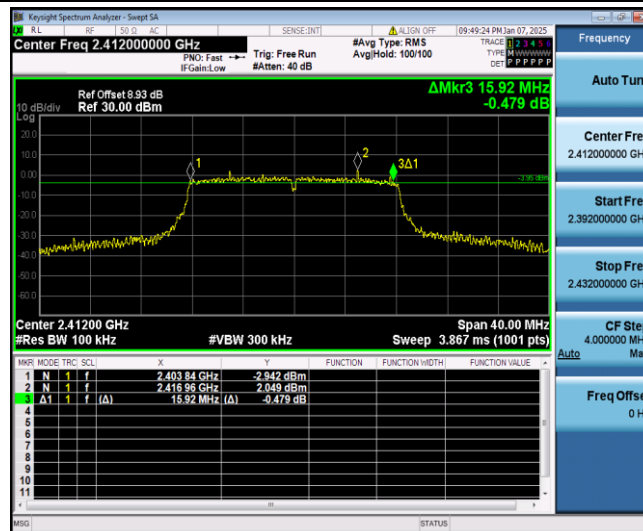
11B_Ant1_2437



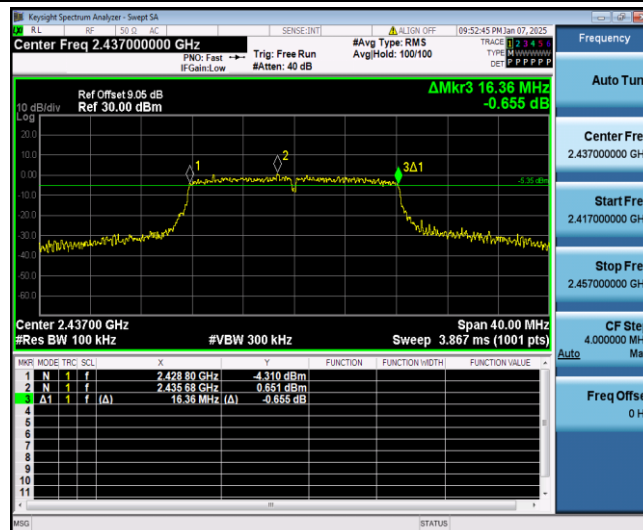
11B_Ant1_2462



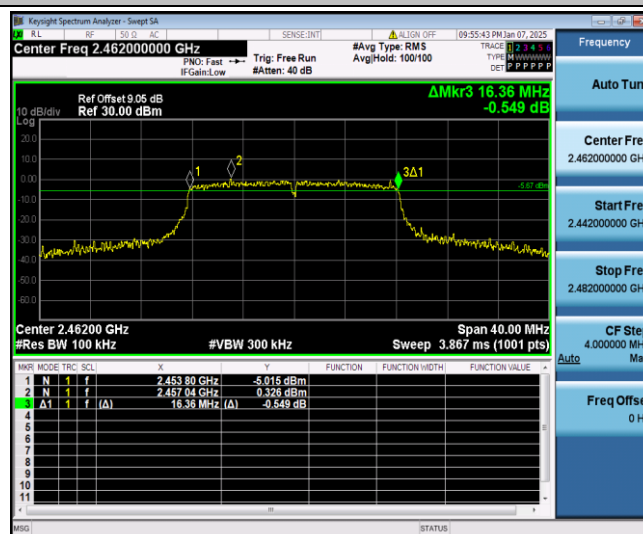
11G_Ant1_2412



11G_Ant1_2437

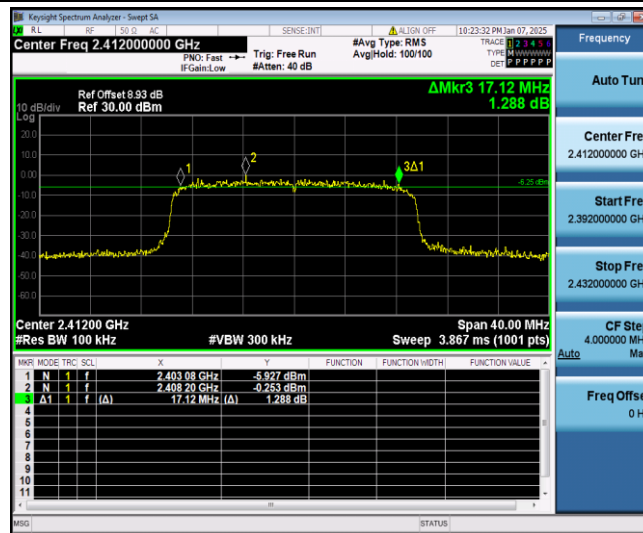


11G_Ant1_2462

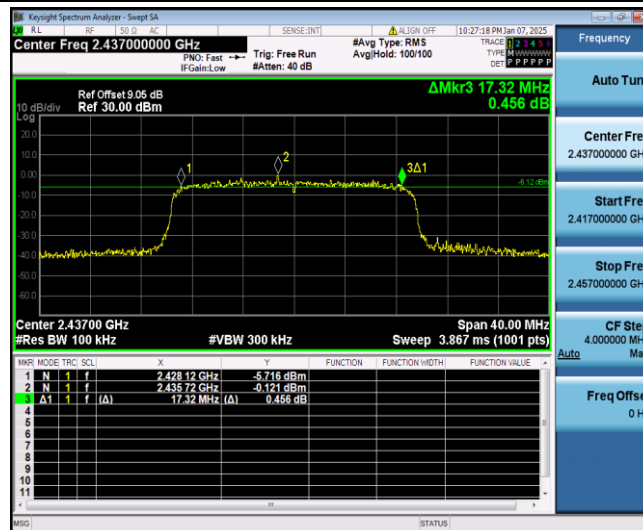


11N20SISO_Ant1_2412

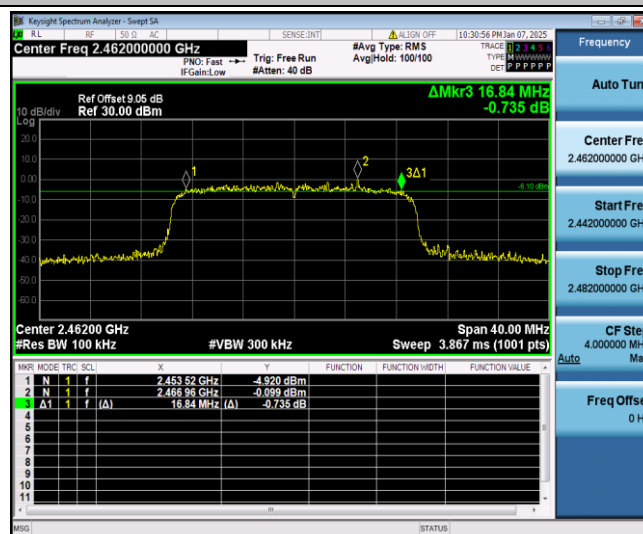




11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



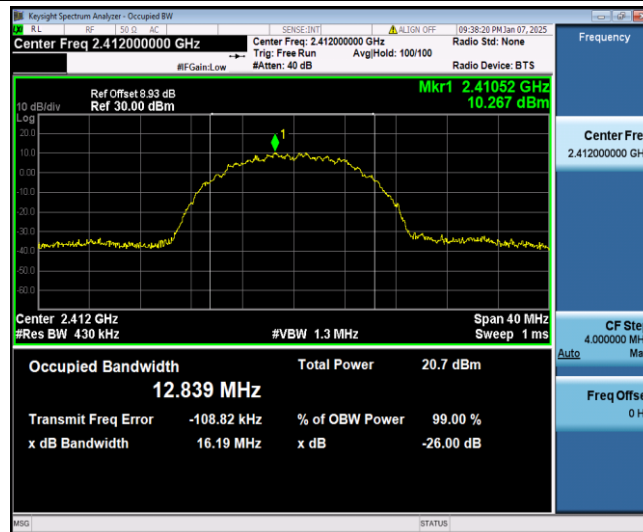
Appendix B.2: Occupied Channel Bandwidth

Test Result

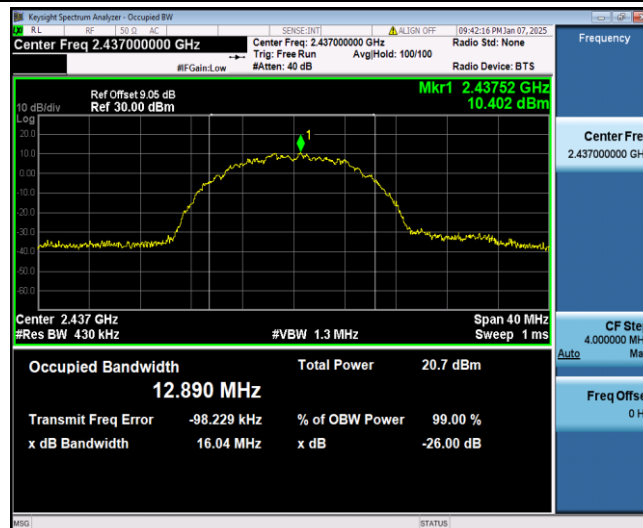
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.839	2405.4717	2418.3107	---	---
		2437	12.890	2430.4568	2443.3468	---	---
		2462	12.797	2455.5051	2468.3021	---	---
11G	Ant1	2412	16.706	2403.6361	2420.3421	---	---
		2437	16.793	2428.5826	2445.3756	---	---
		2462	16.740	2453.5886	2470.3286	---	---
11N20SISO	Ant1	2412	17.606	2403.1863	2420.7923	---	---
		2437	17.655	2428.1589	2445.8139	---	---
		2462	17.572	2453.1716	2470.7436	---	---
11AX20SISO	Ant1	2412	18.465	2402.7343	2421.1993	---	---
		2437	18.638	2427.6456	2446.2836	---	---
		2462	18.536	2452.6902	2471.2262	---	---

Test Graphs

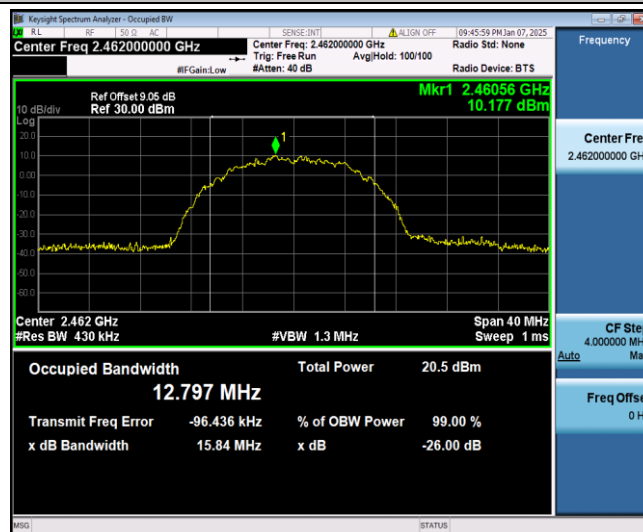
11B_Ant1_2412



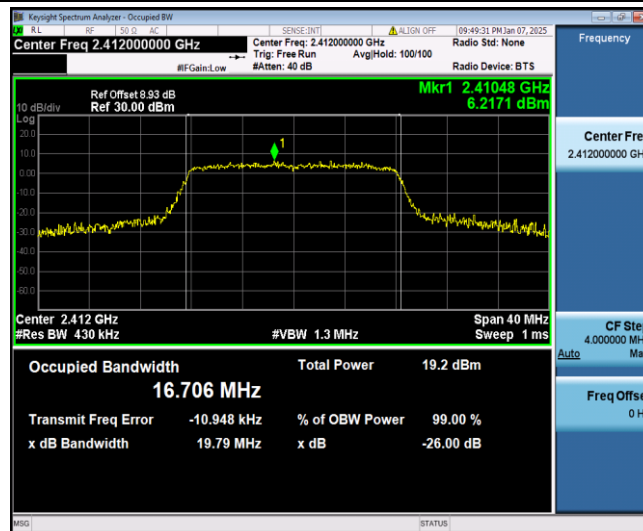
11B_Ant1_2437



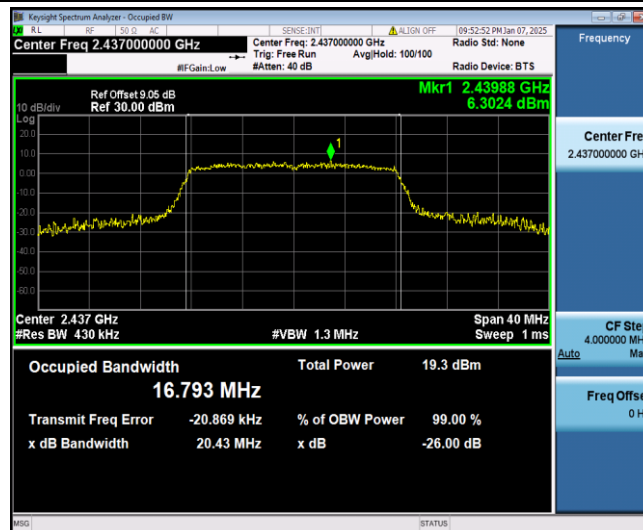
11B_Ant1_2462



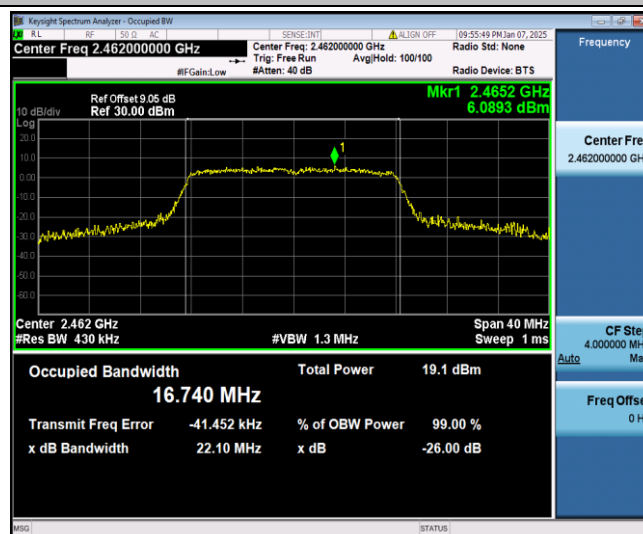
11G_Ant1_2412



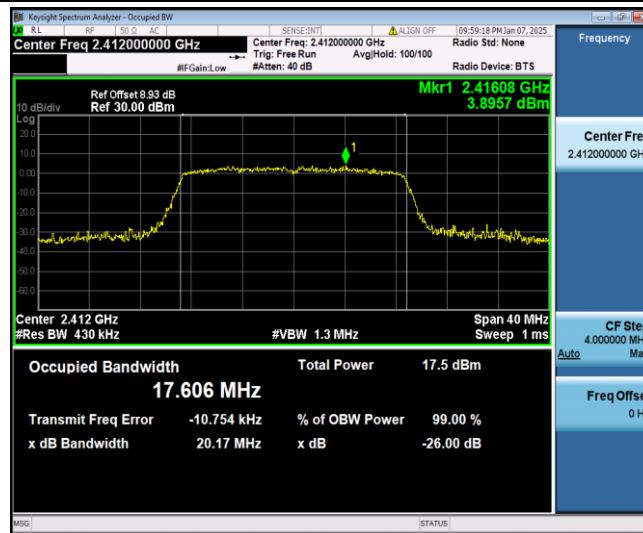
11G_Ant1_2437



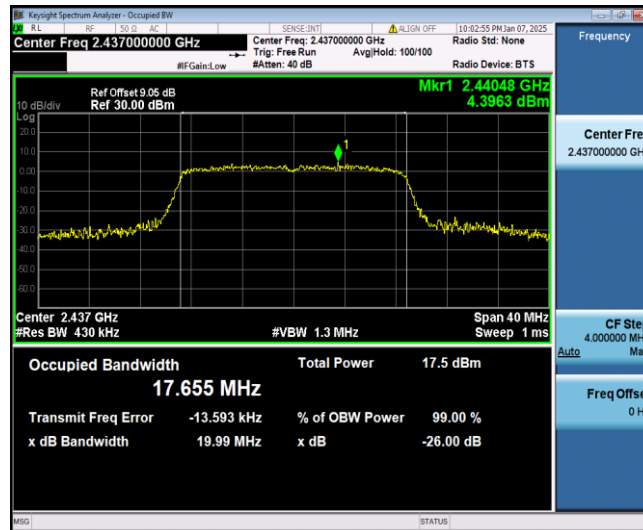
11G_Ant1_2462



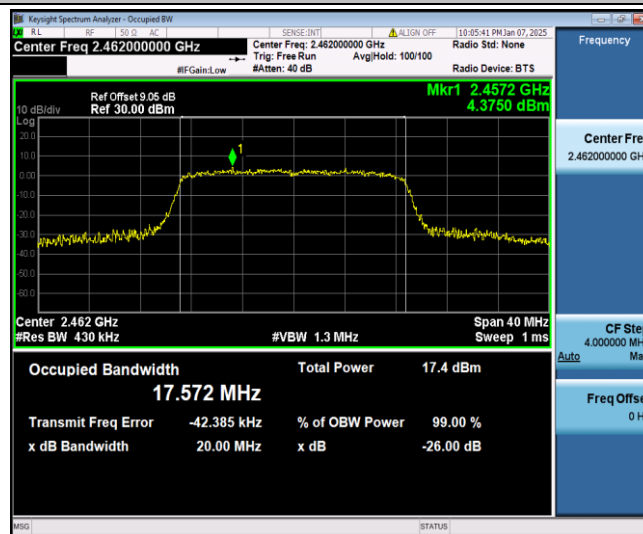
11N20SISO_Ant1_2412



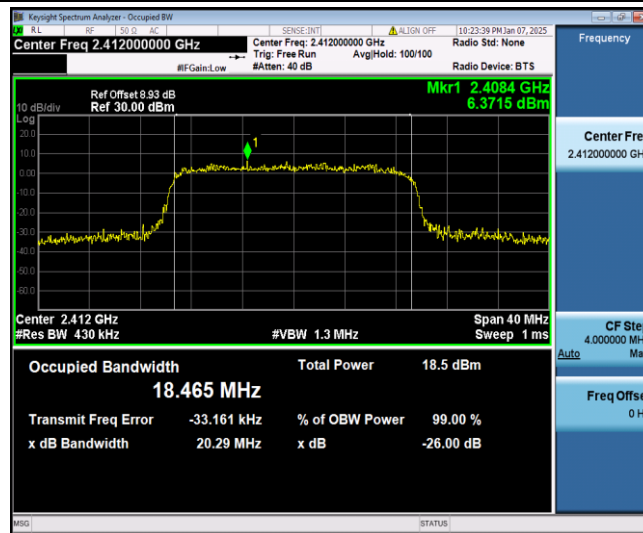
11N20SISO_Ant1_2437



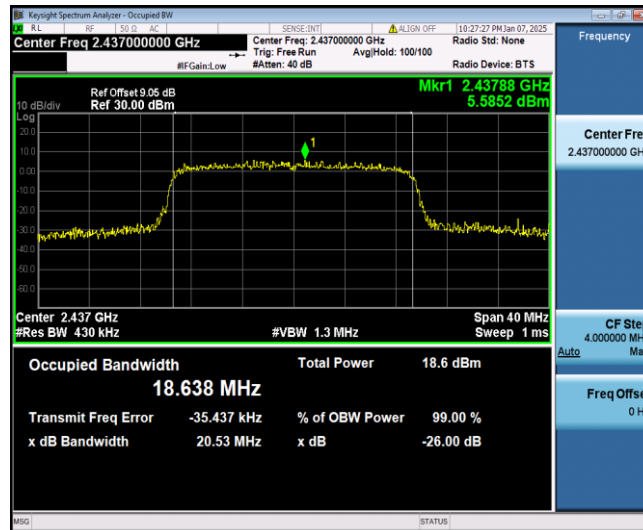
11N20SISO_Ant1_2462



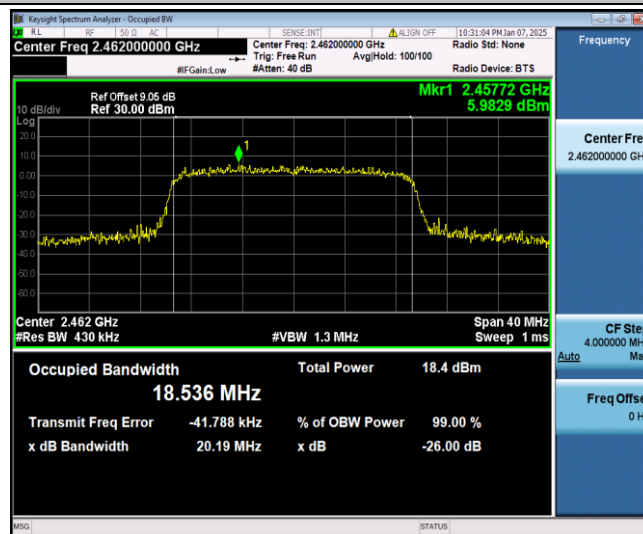
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



Appendix B.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	22.83	≤30.00	PASS
		2437	22.95	≤30.00	PASS
		2462	22.71	≤30.00	PASS
11G	Ant1	2412	22.34	≤30.00	PASS
		2437	22.42	≤30.00	PASS
		2462	22.25	≤30.00	PASS
11N20SISO	Ant1	2412	23.63	≤30.00	PASS
		2437	23.72	≤30.00	PASS
		2462	23.53	≤30.00	PASS
11AX20SISO	Ant1	2412	22.26	≤30.00	PASS
		2437	22.31	≤30.00	PASS
		2462	22.02	≤30.00	PASS

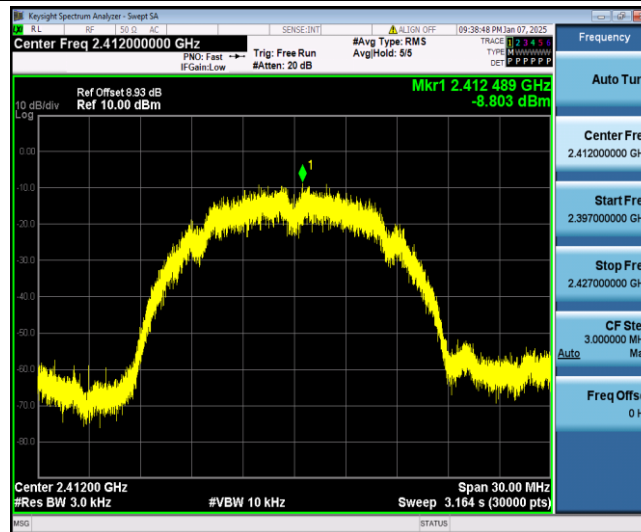
Appendix B.4: Maximum power spectral density

Test Result

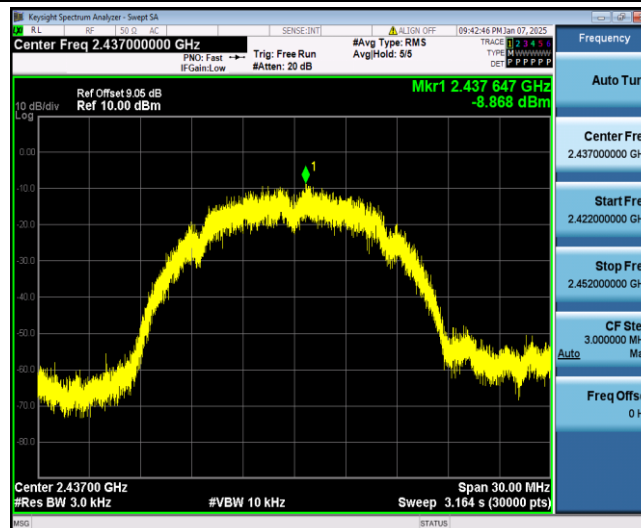
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.80	≤8.00	PASS
		2437	-8.87	≤8.00	PASS
		2462	-8.87	≤8.00	PASS
11G	Ant1	2412	-11.49	≤8.00	PASS
		2437	-11.98	≤8.00	PASS
		2462	-12.08	≤8.00	PASS
11N20SISO	Ant1	2412	-13.50	≤8.00	PASS
		2437	-13.40	≤8.00	PASS
		2462	-13.48	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.23	≤8.00	PASS
		2437	-10.87	≤8.00	PASS
		2462	-10.95	≤8.00	PASS

Test Graphs

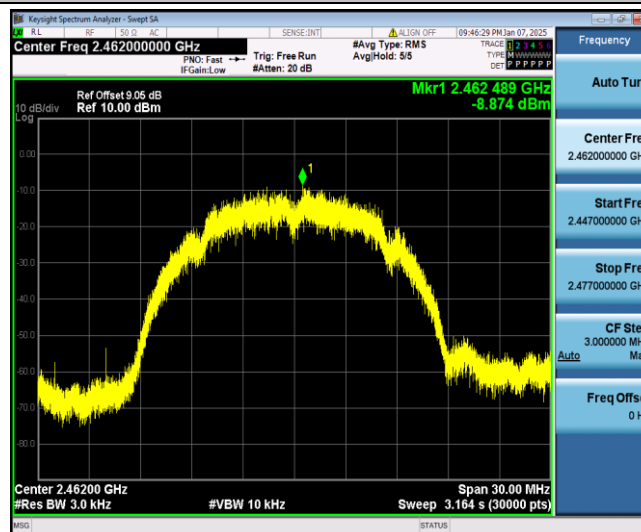
11B_Ant1_2412



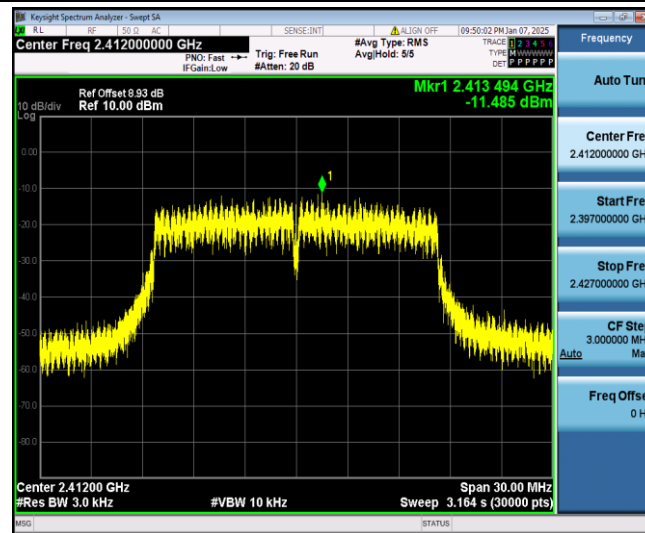
11B_Ant1_2437



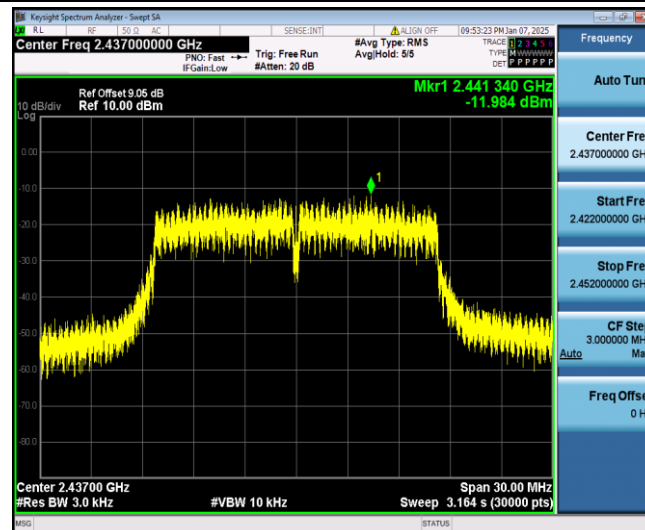
11B_Ant1_2462



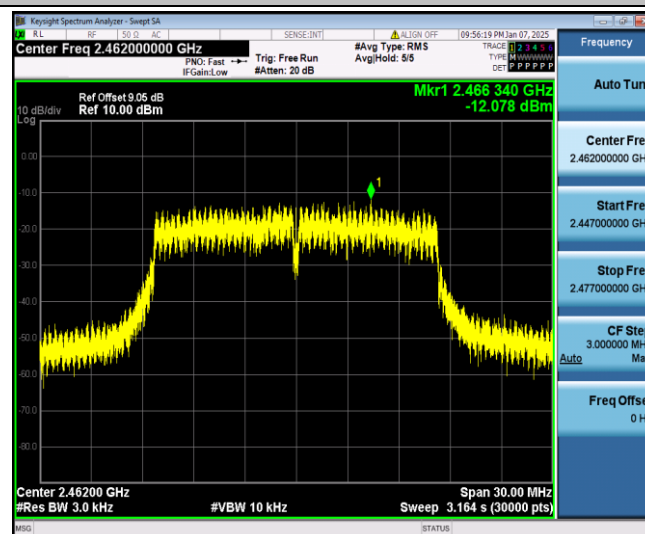
11G_Ant1_2412



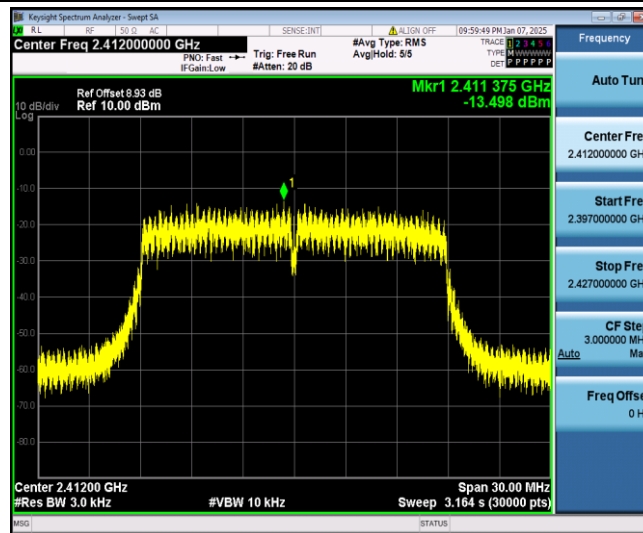
11G_Ant1_2437



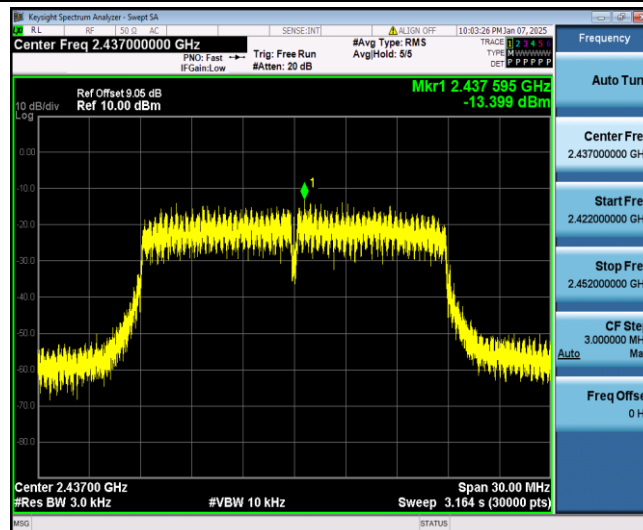
11G_Ant1_2462



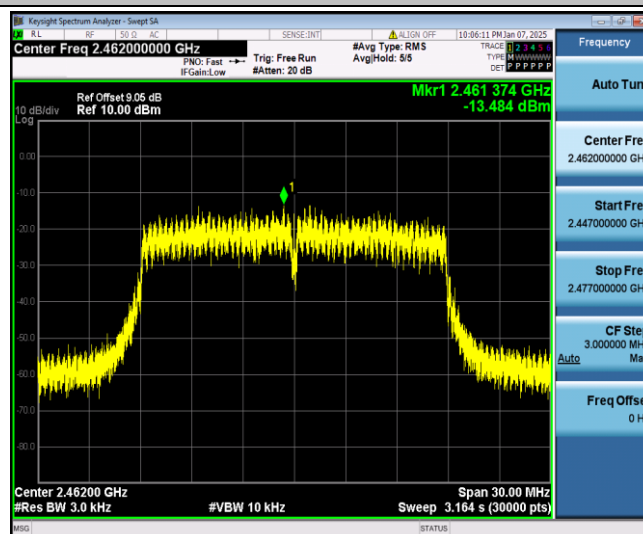
11N20SISO_Ant1_2412



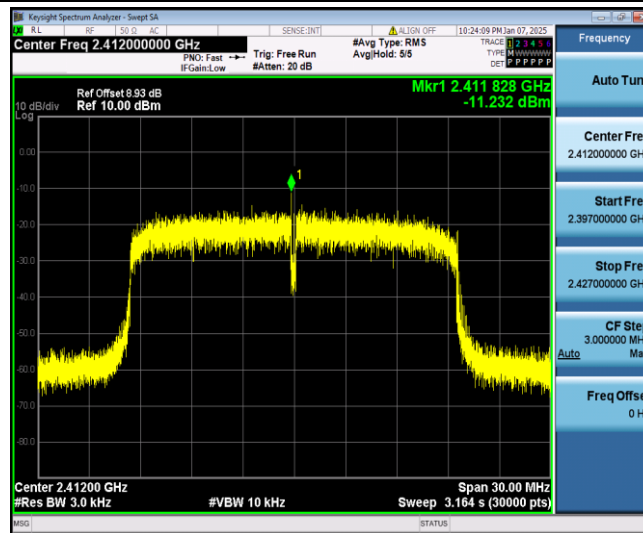
11N20SISO_Ant1_2437



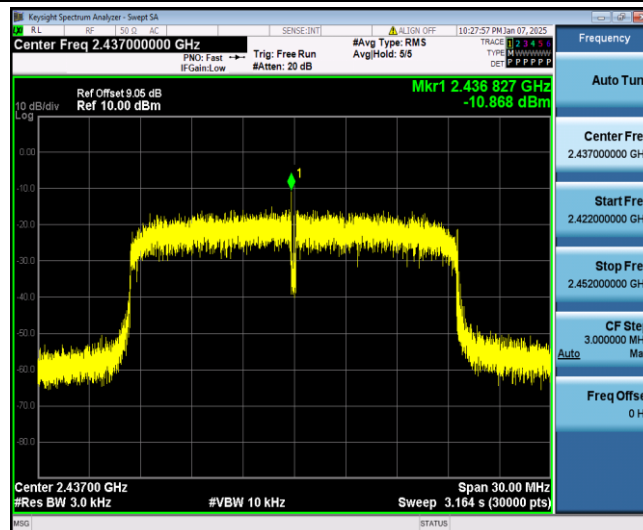
11N20SISO_Ant1_2462



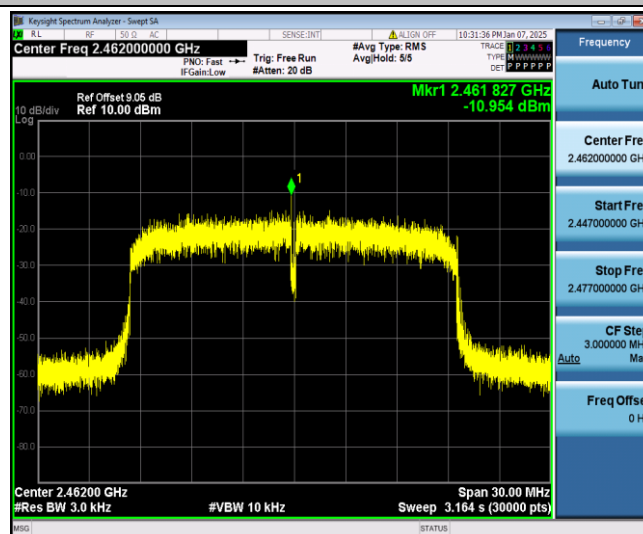
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



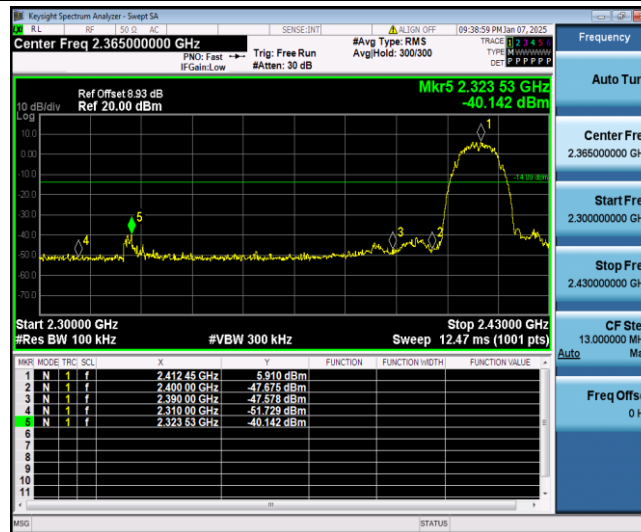
Appendix B.5: Band edge measurements

Test Result

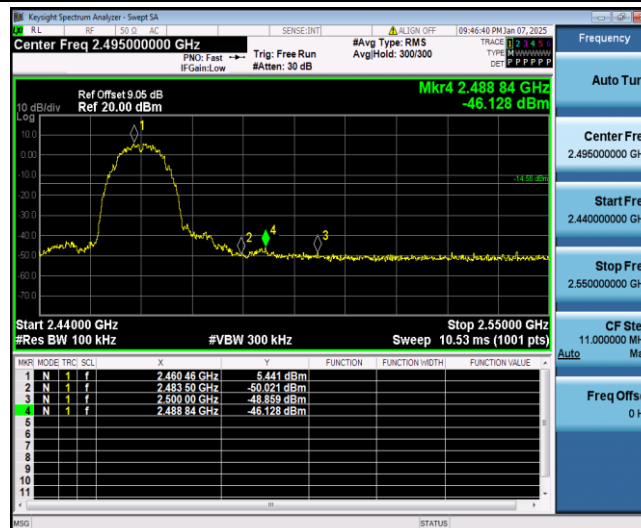
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.91	-40.14	≤ -14.09	PASS
		High	2462	5.44	-46.13	≤ -14.56	PASS
11G	Ant1	Low	2412	2.01	-29.91	≤ -17.99	PASS
		High	2462	1.63	-40.58	≤ -18.37	PASS
11N20SISO	Ant1	Low	2412	0.14	-35.27	≤ -19.86	PASS
		High	2462	0.18	-43.72	≤ -19.82	PASS
11AX20SISO	Ant1	Low	2412	-0.58	-35.91	≤ -20.58	PASS
		High	2462	0.25	-42.94	≤ -19.75	PASS

Test Graphs

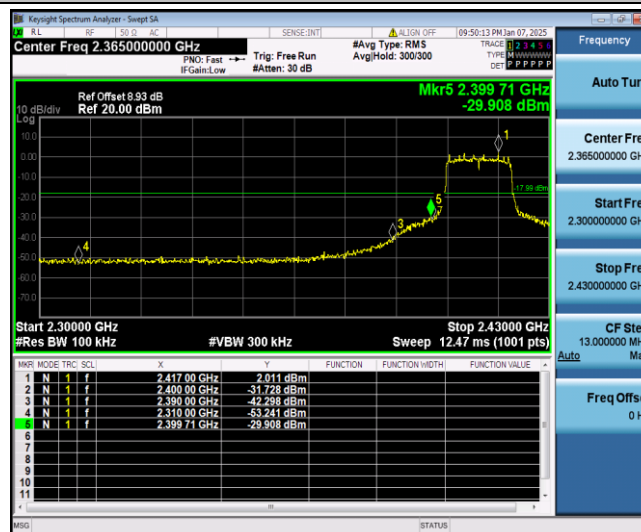
11B_Ant1_Low_2412



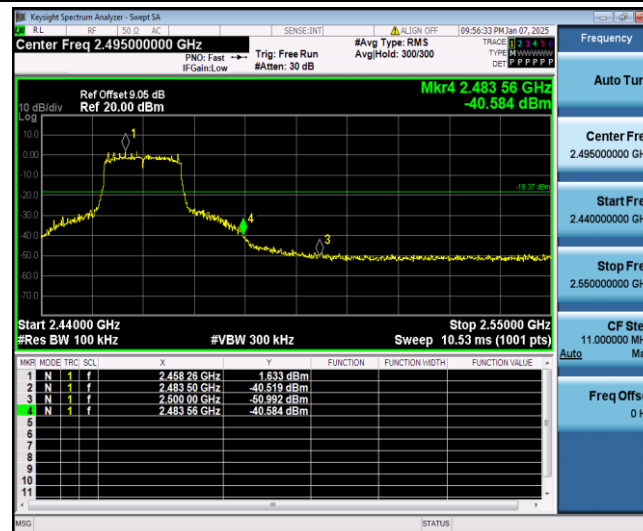
11B_Ant1_High_2462



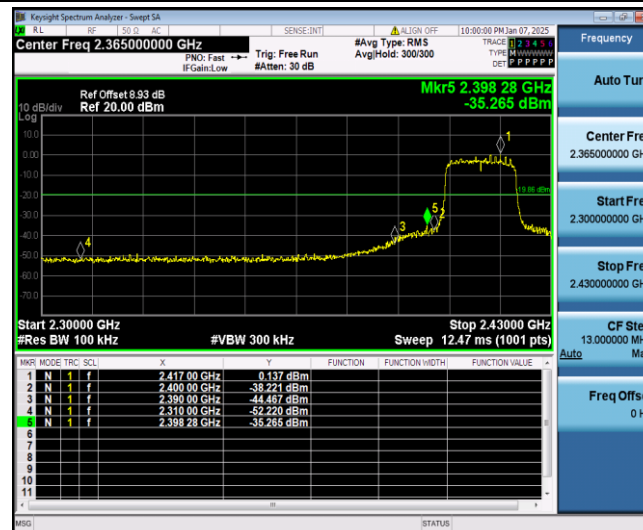
11G_Ant1_Low_2412



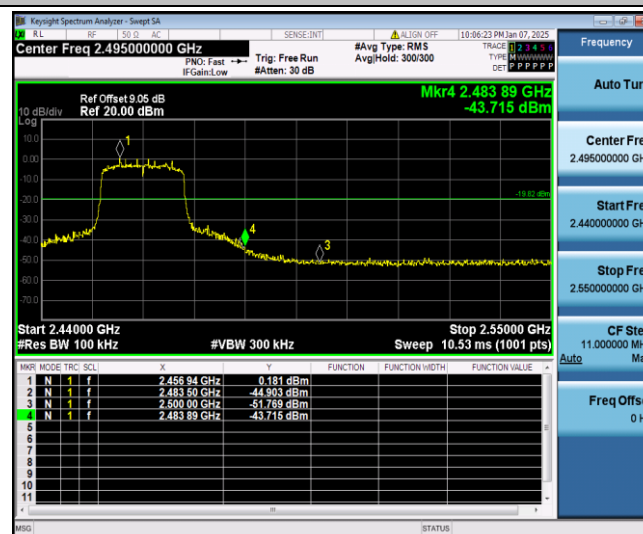
11G_Ant1_High_2462



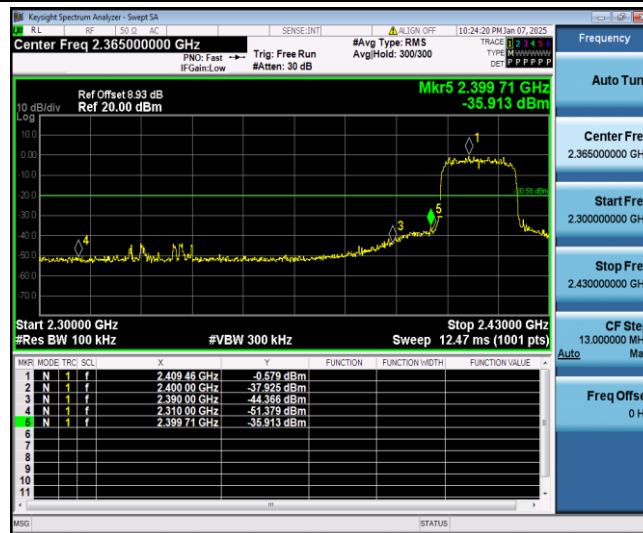
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462

