

Appendix B: Occupied Channel Bandwidth

Test Result

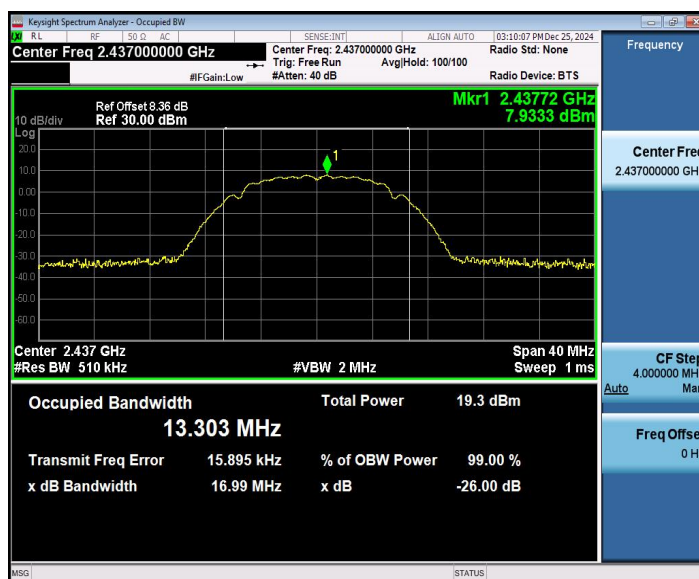
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.336	2405.3432	2418.6792	---	---
		2437	13.303	2430.3644	2443.6674	---	---
		2462	13.322	2455.3440	2468.6660	---	---
11G	Ant1	2412	16.753	2403.6361	2420.3891	---	---
		2437	16.714	2428.6545	2445.3685	---	---
		2462	16.692	2453.6537	2470.3457	---	---
11N20SISO	Ant1	2412	17.567	2403.2366	2420.8036	---	---
		2437	17.560	2428.2314	2445.7914	---	---
		2462	17.607	2453.1812	2470.7882	---	---

Test Graphs

11B_Ant1_2412



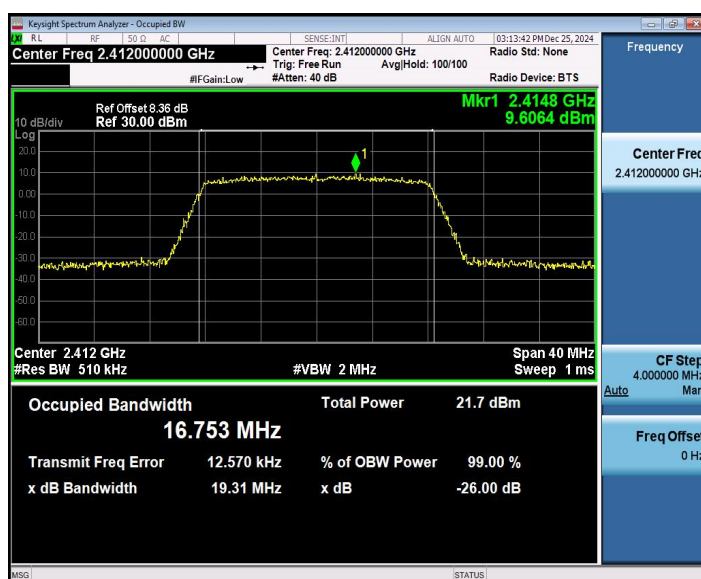
11B_Ant1_2437



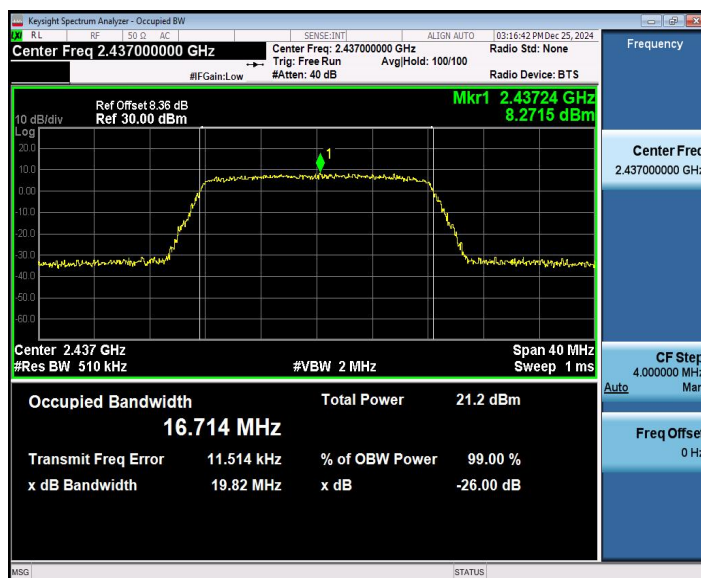
11B_Ant1_2462



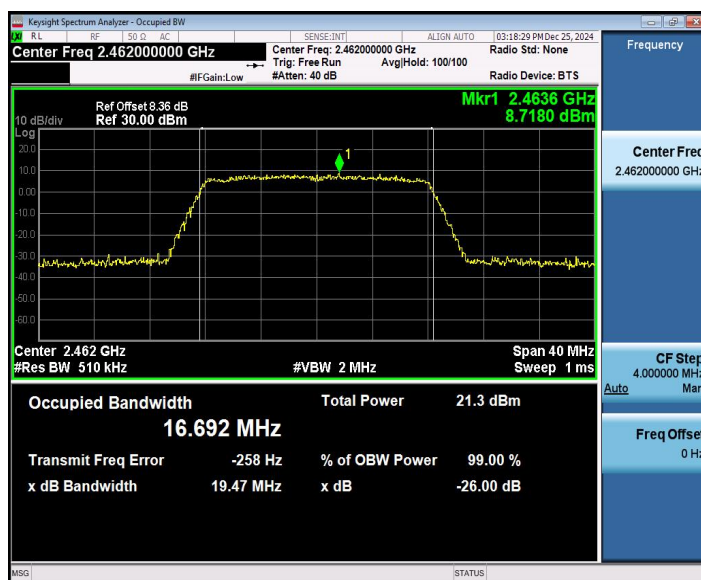
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



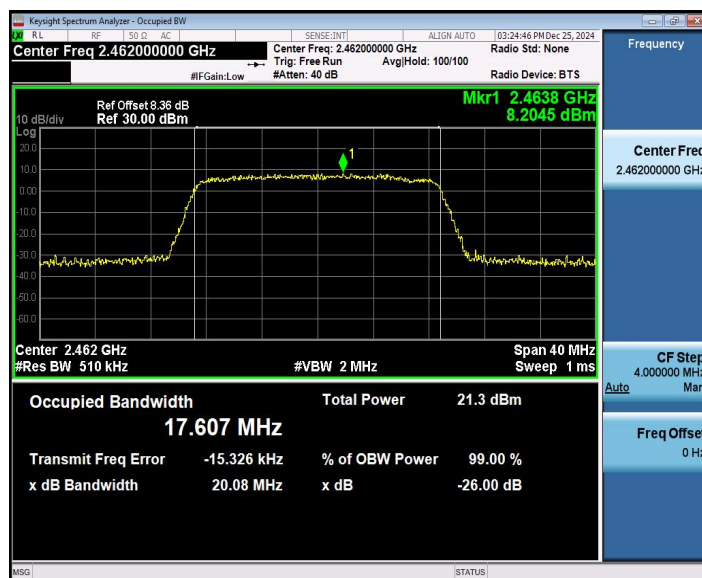
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



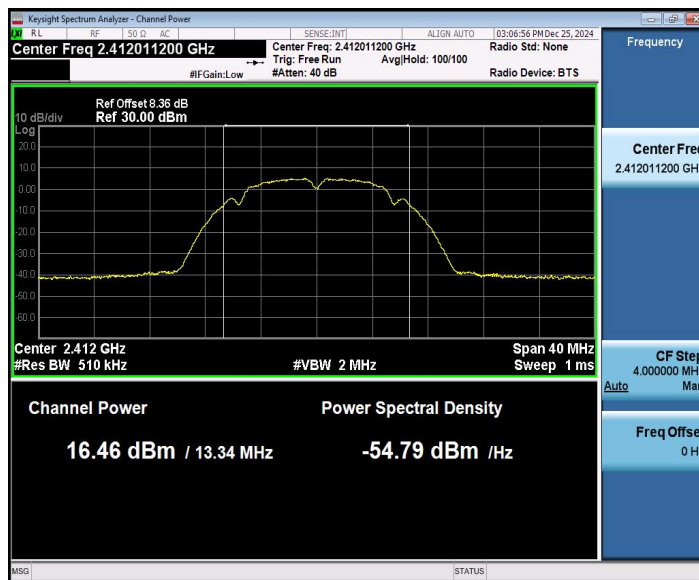
Appendix C: Maximum conducted output power

Test Result

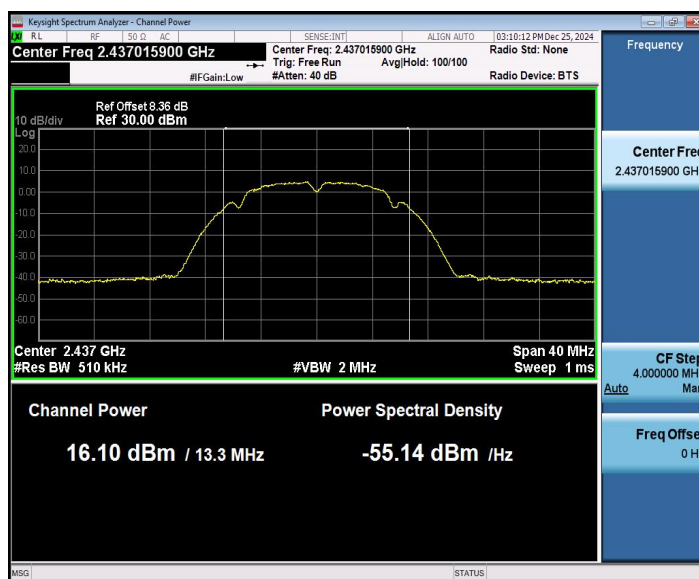
Test Mode	Antenna	Frequency[MHz]	Set Power	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	-10	16.46	≤30.00	PASS
		2437	-10	16.10	≤30.00	PASS
		2462	-10	16.35	≤30.00	PASS
11G	Ant1	2412	-10	15.58	≤30.00	PASS
		2437	-10	15.08	≤30.00	PASS
		2462	-10	15.10	≤30.00	PASS
11N20SISO	Ant1	2412	-10	15.46	≤30.00	PASS
		2437	-10	14.89	≤30.00	PASS
		2462	-10	15.06	≤30.00	PASS

Test Graphs

11B_Ant1_2412



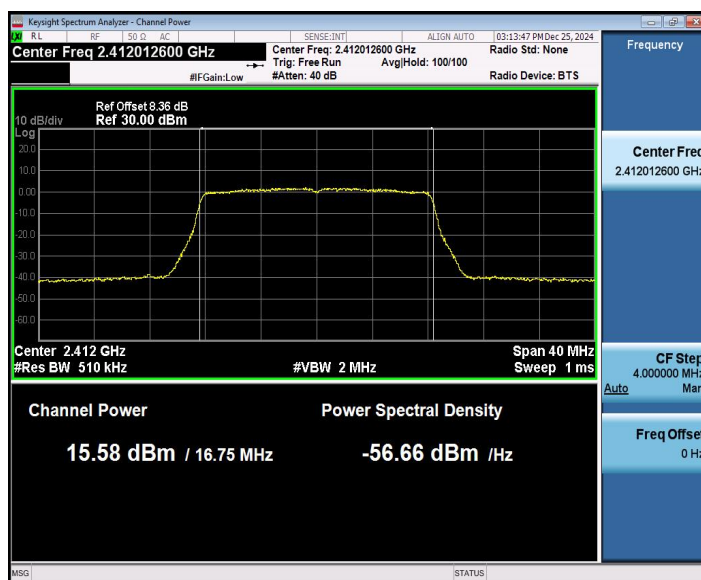
11B_Ant1_2437



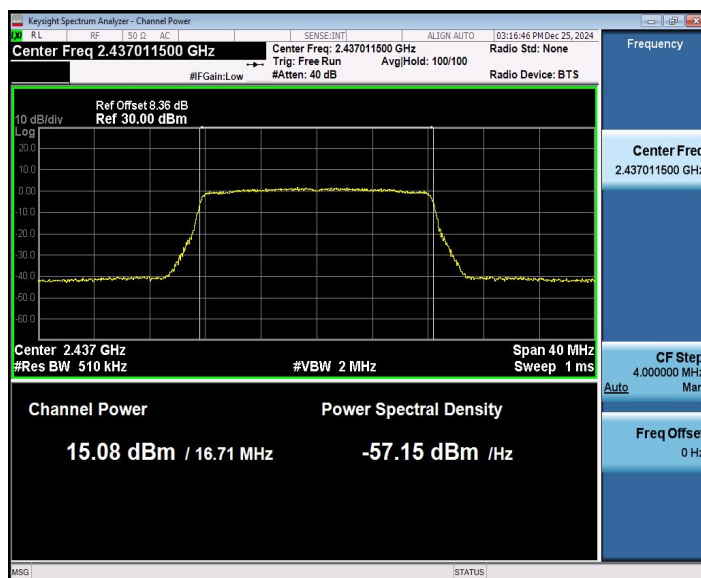
11B_Ant1_2462



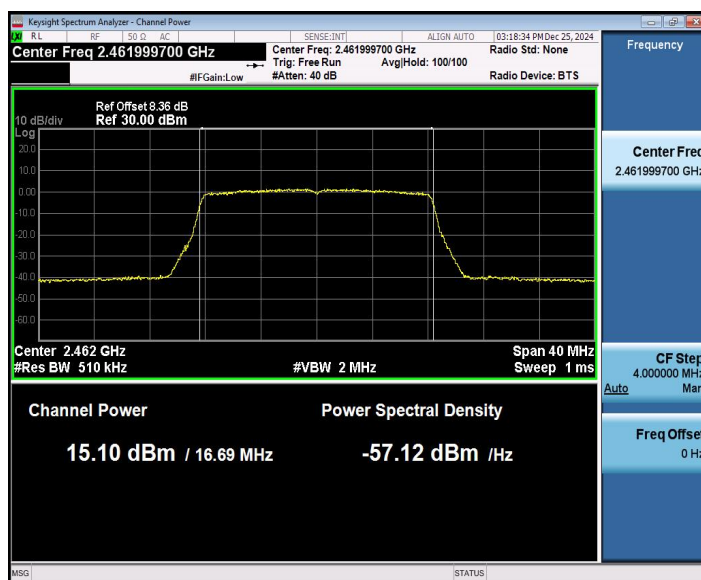
11G_Ant1_2412



11G_Ant1_2437



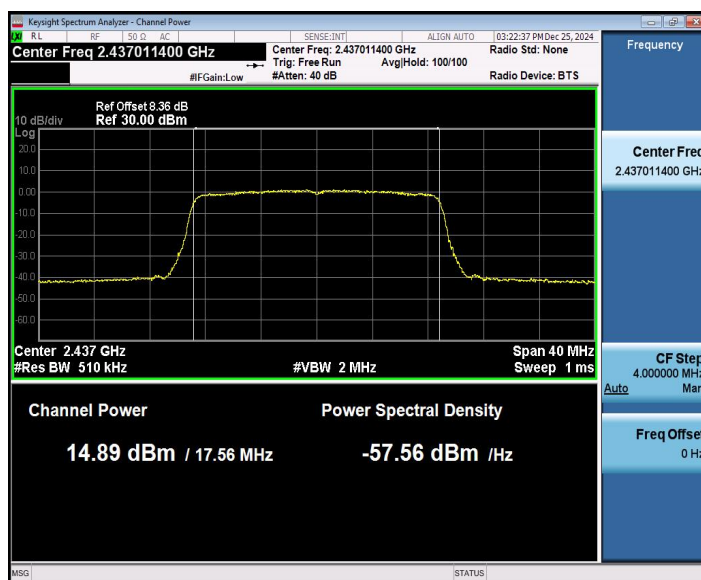
11G_Ant1_2462



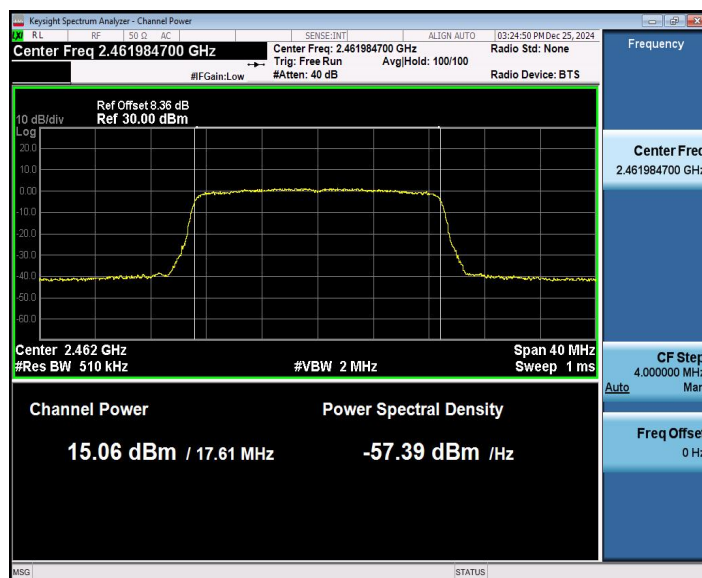
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/30kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-4.54	-14.54	≤8.00	PASS
		2437	-4.98	-14.98	≤8.00	PASS
		2462	-4.66	-14.66	≤8.00	PASS
11G	Ant1	2412	-5.99	-15.99	≤8.00	PASS
		2437	-4.47	-14.47	≤8.00	PASS
		2462	-5.39	-15.39	≤8.00	PASS
11N20SISO	Ant1	2412	-6.83	-16.83	≤8.00	PASS
		2437	-5.42	-15.42	≤8.00	PASS
		2462	-5.10	-15.1	≤8.00	PASS

Note:

- 1.The Duty Cycle Factor is compensated in the graph.
- 2.Result[dBm/3kHz]= Result[dBm/30kHz]-10*log10(30/3)

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 E: Band edge measurements

Test Result

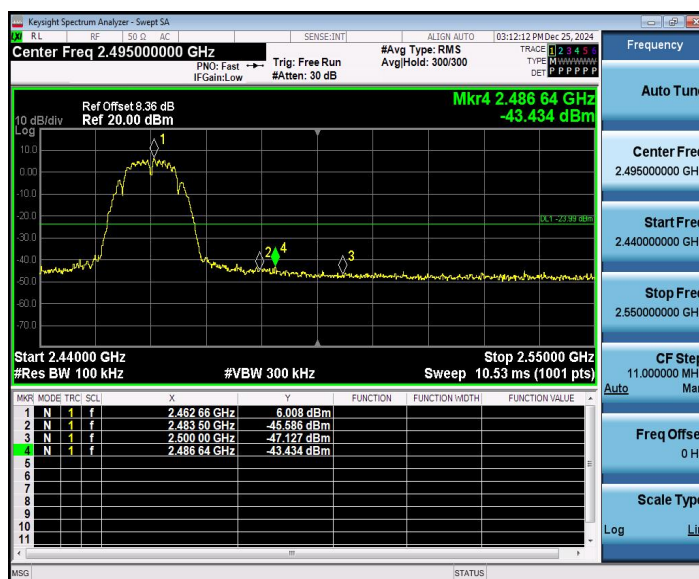
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.05	-39.34	≤-23.95	PASS
		High	2462	6.01	-43.43	≤-23.99	PASS
11G	Ant1	Low	2412	3.85	-39.94	≤-26.15	PASS
		High	2462	3.08	-38.81	≤-26.92	PASS
11N20SISO	Ant1	Low	2412	3.83	-39.4	≤-26.17	PASS
		High	2462	3.58	-44.89	≤-26.42	PASS

Test Graphs

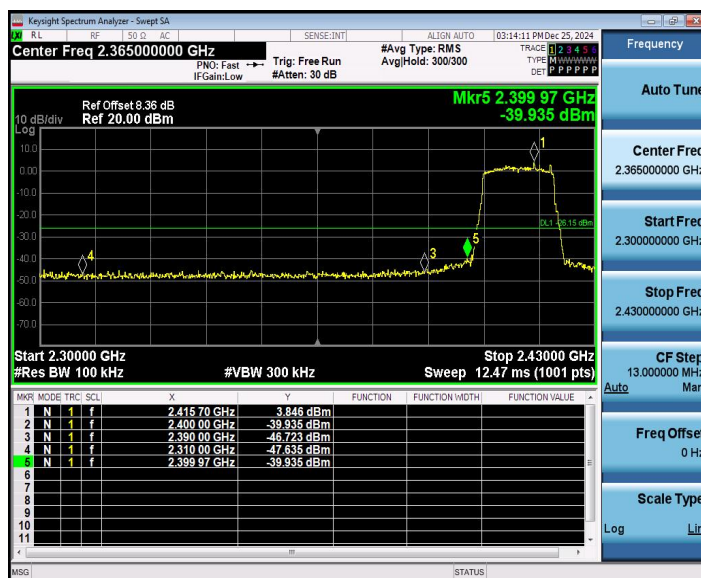
11B_Ant1_Low_2412



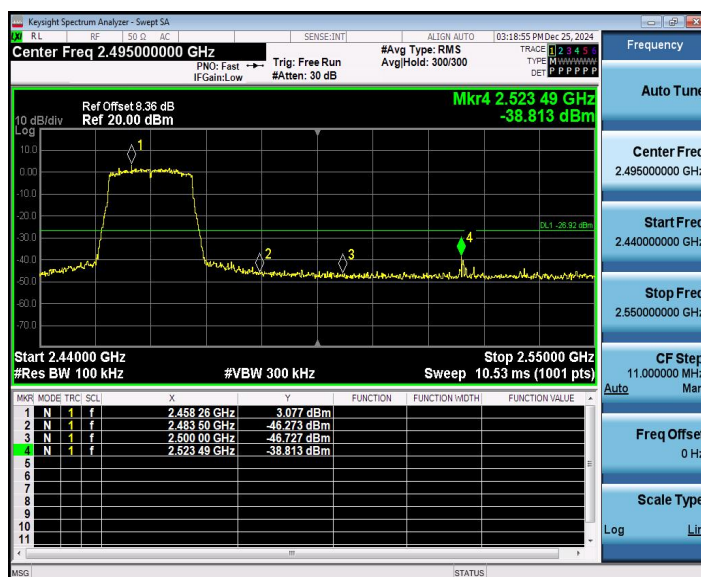
11B_Ant1_High_2462



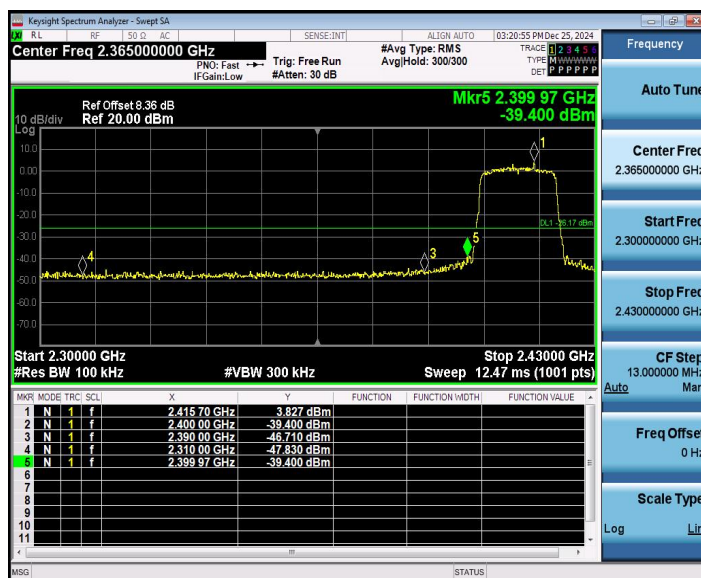
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

