

7 Setup Photographs

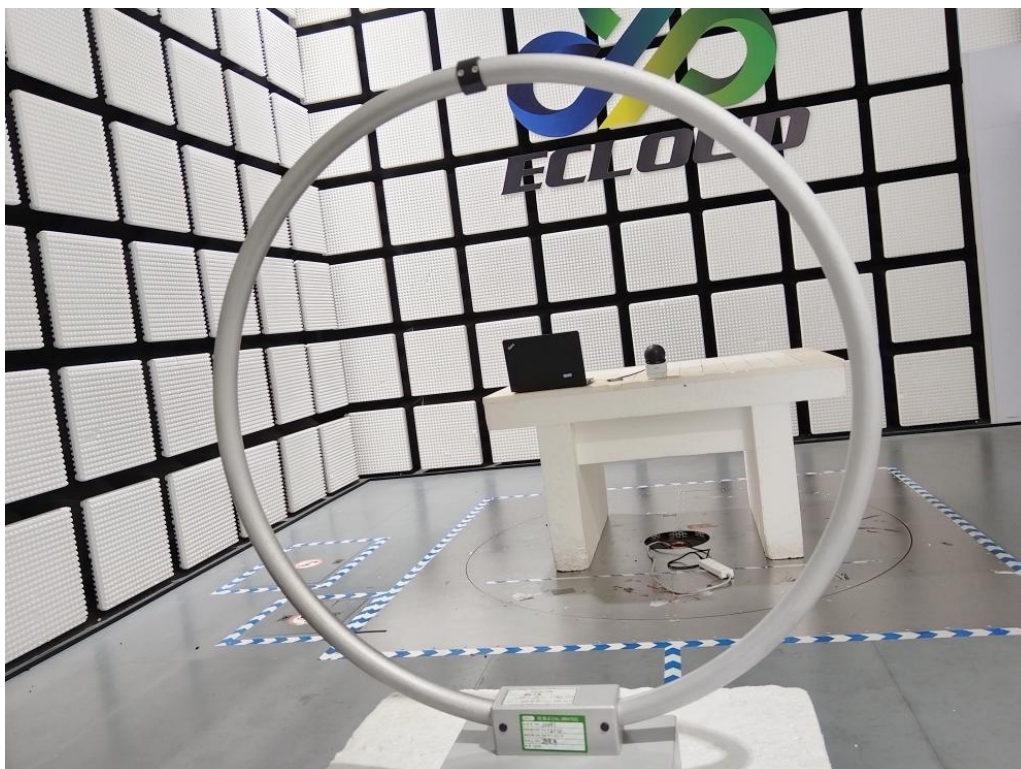


Fig. 1 Radiated emission setup photo(Below 30MHz)

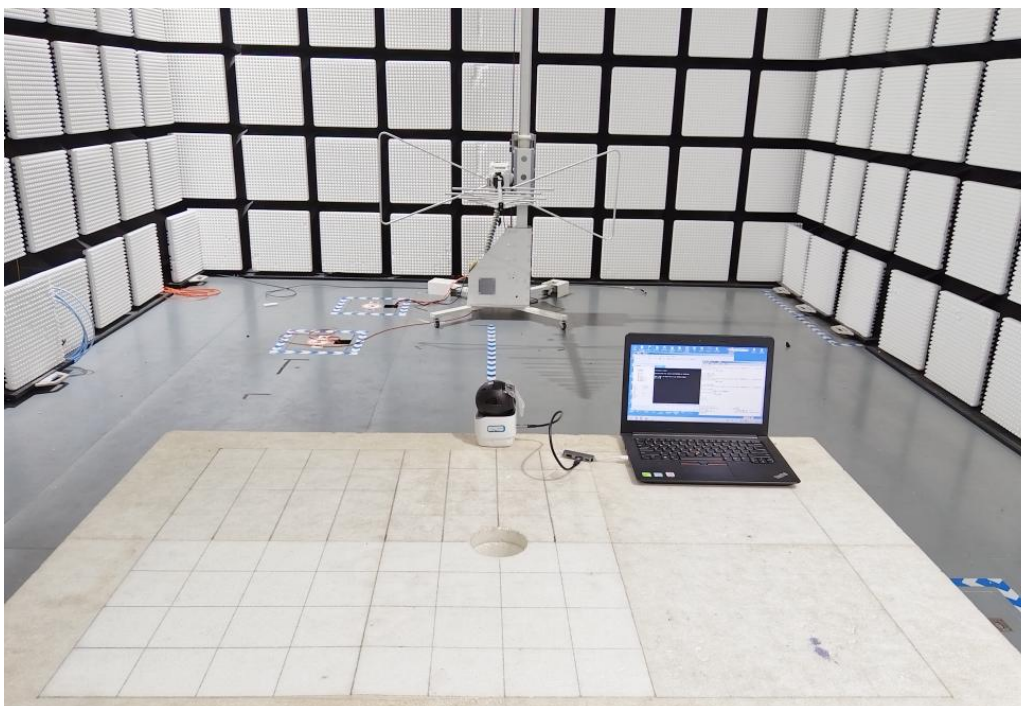


Fig. 2 Radiated emission setup photo(30MHz-1GHz)



Fig. 3 Radiated emission setup photo(Above 1GHz)

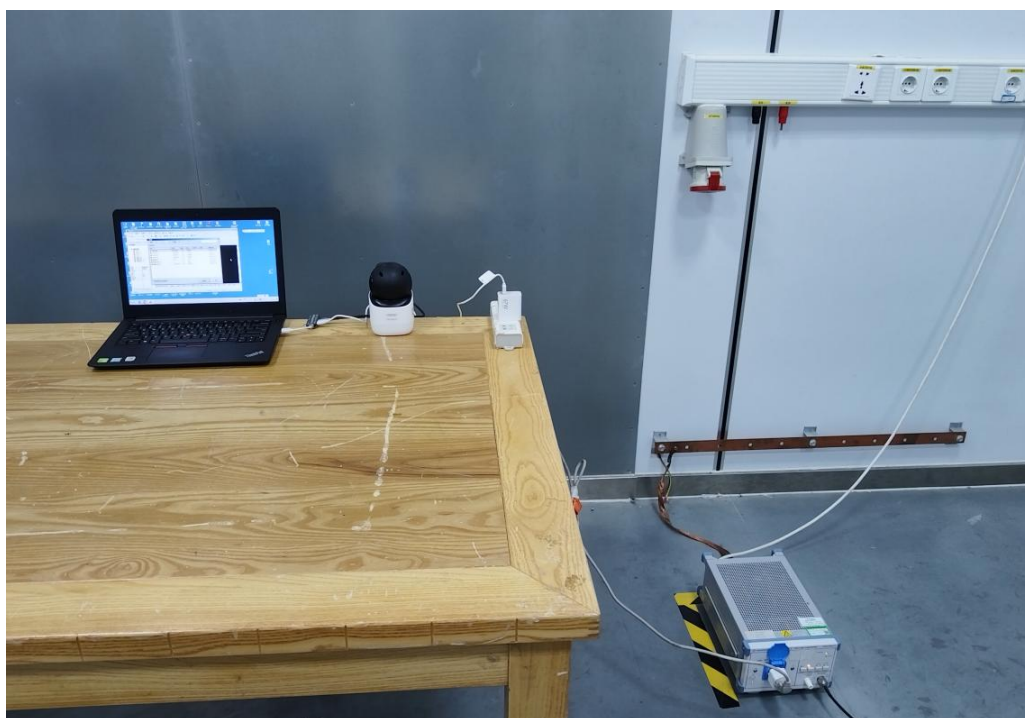


Fig. 4 Power line conducted emission setup photo

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.320	2406.840	2417.160	0.5	PASS
		2437	10.280	2431.880	2442.160	0.5	PASS
		2462	10.240	2456.920	2467.160	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
		2437	16.280	2428.920	2445.200	0.5	PASS
		2462	16.480	2453.760	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.040	2403.400	2420.440	0.5	PASS
		2437	17.320	2428.280	2445.600	0.5	PASS
		2462	17.200	2453.400	2470.600	0.5	PASS

Test Graphs

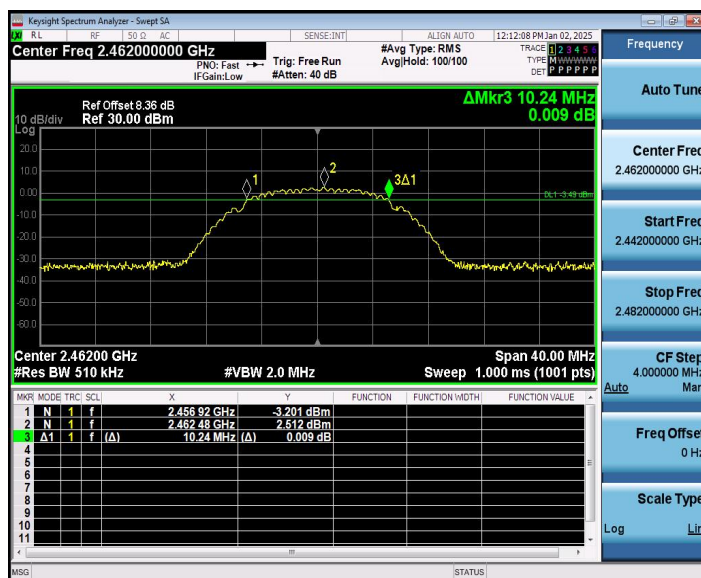
11B_Ant1_2412



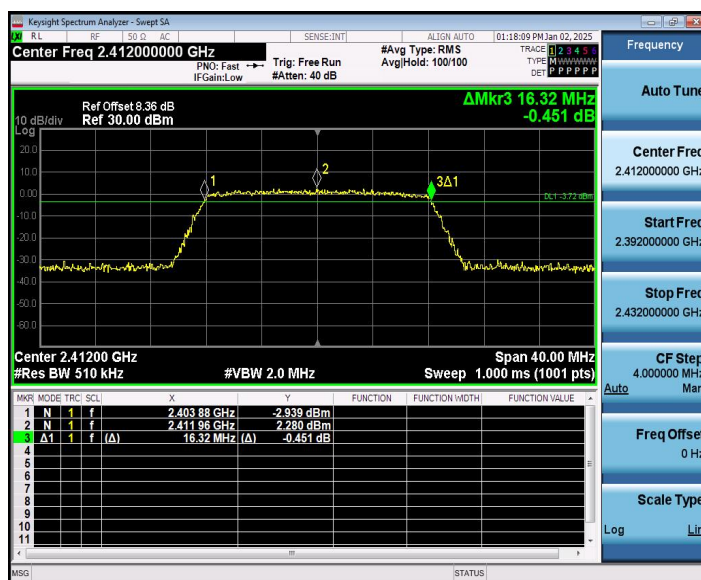
11B_Ant1_2437



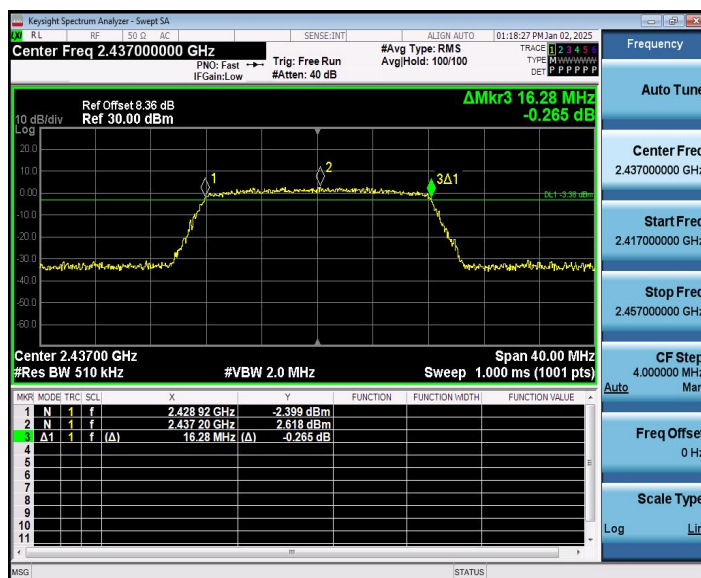
11B_Ant1_2462



11G_Ant1_2412



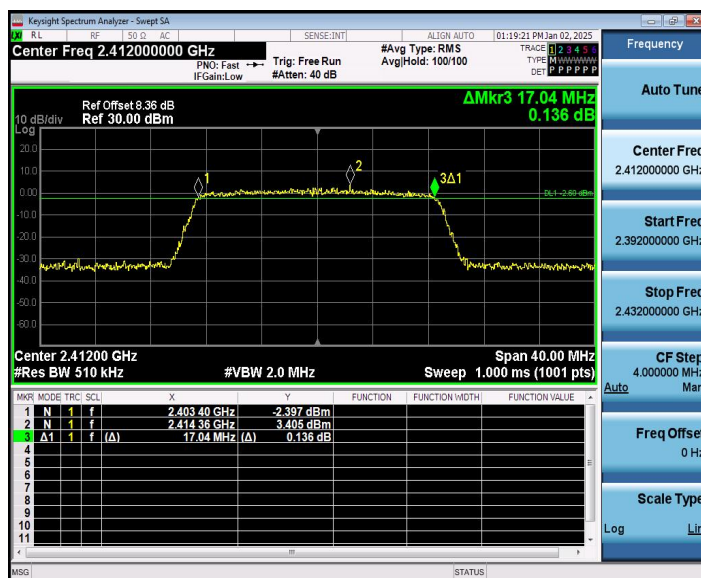
11G_Ant1_2437



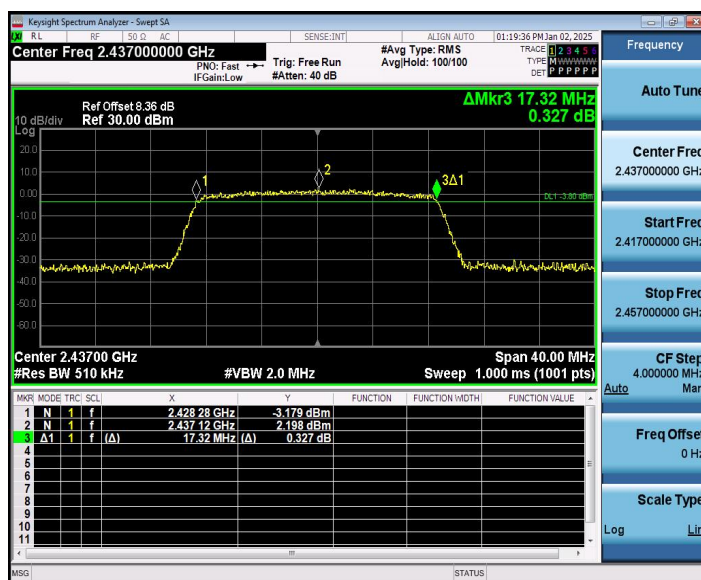
11G_Ant1_2462



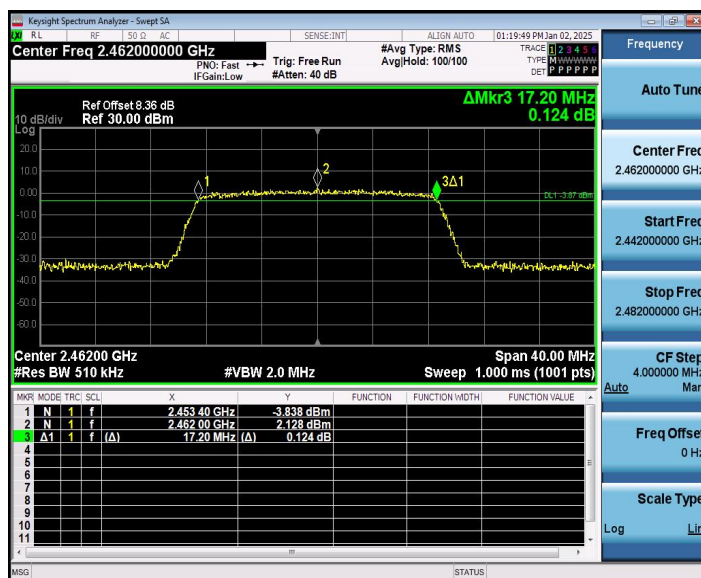
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



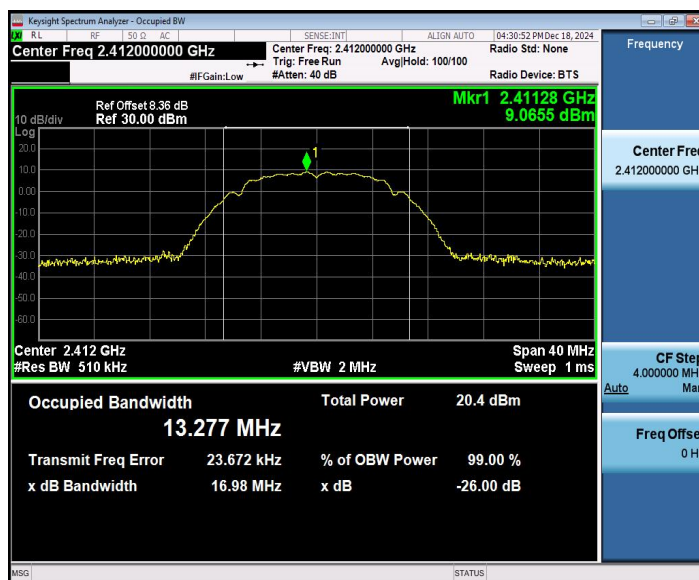
Appendix B: Occupied Channel Bandwidth

Test Result

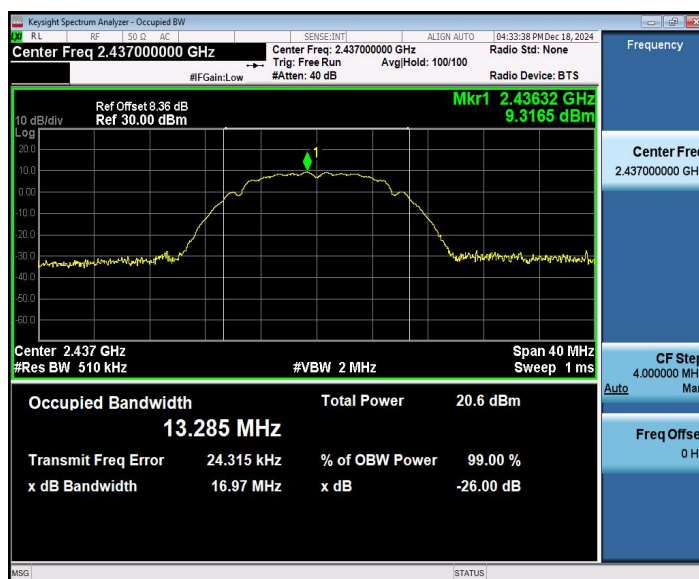
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.277	2405.3852	2418.6622	---	---
		2437	13.285	2430.3818	2443.6668	---	---
		2462	13.241	2455.4023	2468.6433	---	---
11G	Ant1	2412	16.682	2403.6762	2420.3582	---	---
		2437	16.674	2428.6489	2445.3229	---	---
		2462	16.738	2453.6474	2470.3854	---	---
11N20SISO	Ant1	2412	17.547	2403.2254	2420.7724	---	---
		2437	17.605	2428.2076	2445.8126	---	---
		2462	17.545	2453.2365	2470.7815	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



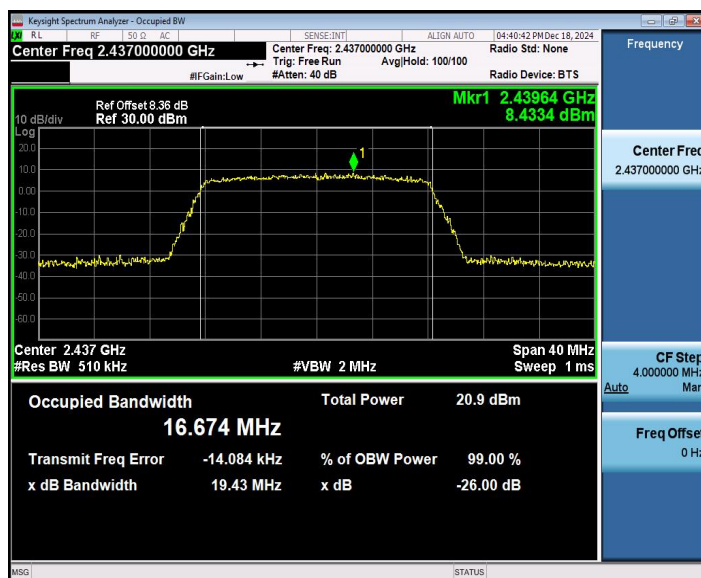
11B_Ant1_2462



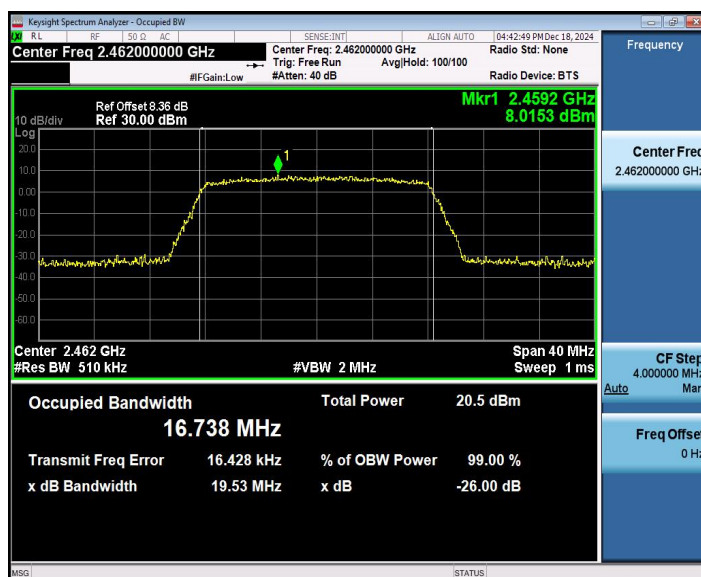
11G_Ant1_2412



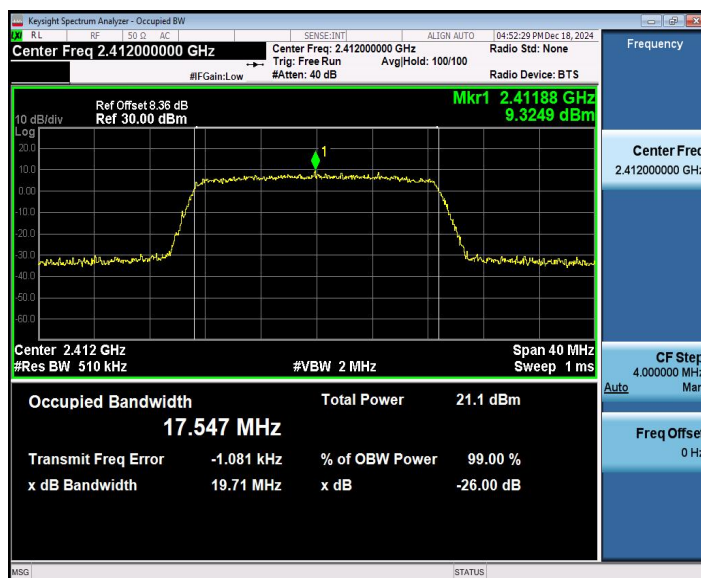
11G_Ant1_2437



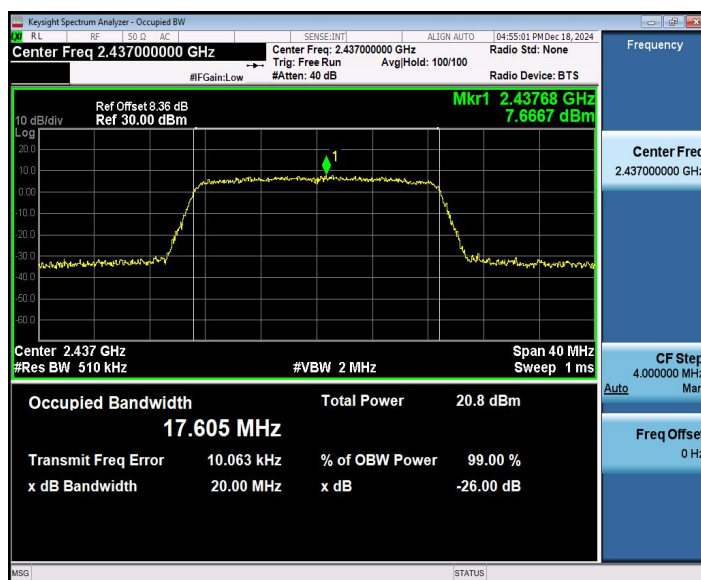
11G_Ant1_2462



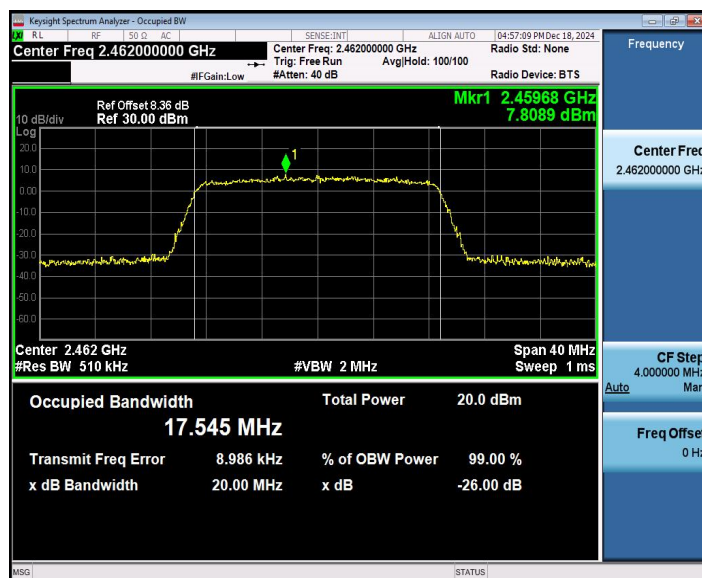
11N20SISO_Ant1_2412



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	-50	17.31	≤30.00	PASS
		2437	-50	17.48	≤30.00	PASS
		2462	-50	17.17	≤30.00	PASS
11G	Ant1	2412	-50	14.96	≤30.00	PASS
		2437	-50	14.81	≤30.00	PASS
		2462	-50	14.42	≤30.00	PASS
11N20SISO	Ant1	2412	-50	14.87	≤30.00	PASS
		2437	-50	14.83	≤30.00	PASS
		2462	-50	13.85	≤30.00	PASS

Test Graphs

11B_Ant1_2412



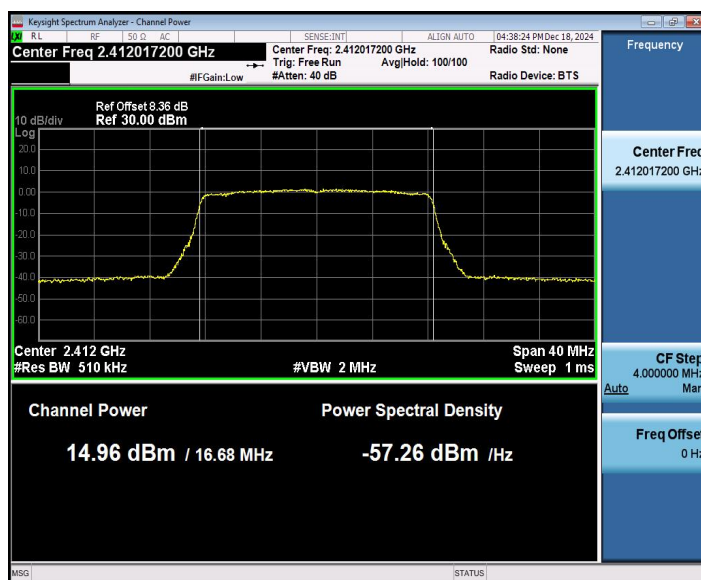
11B_Ant1_2437



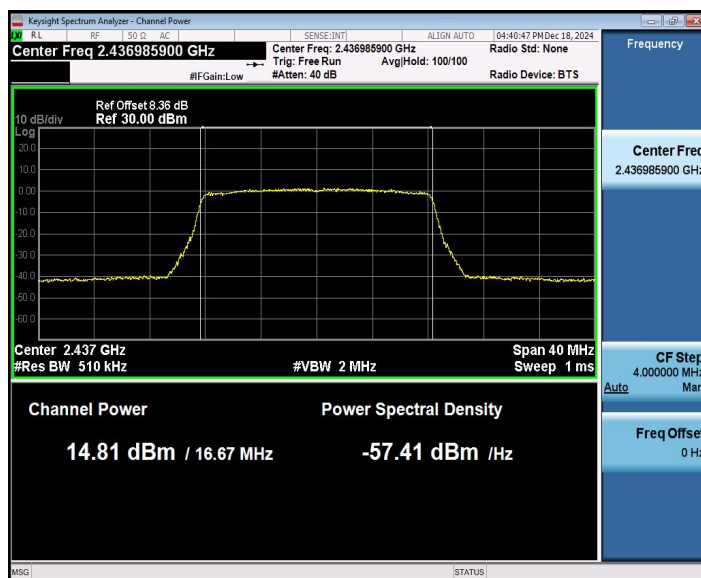
11B_Ant1_2462



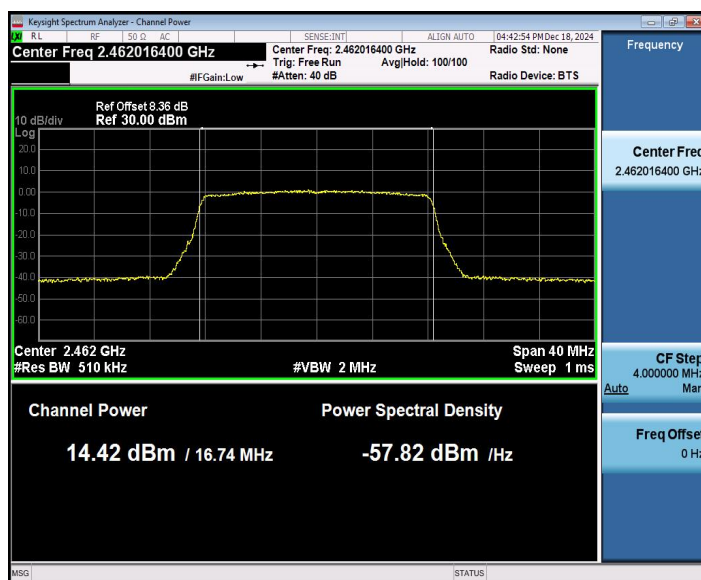
11G_Ant1_2412



11G_Ant1_2437



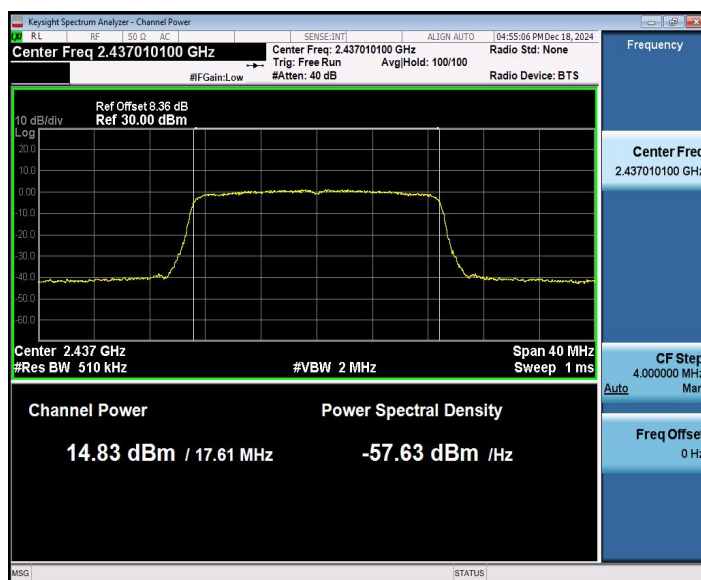
11G_Ant1_2462



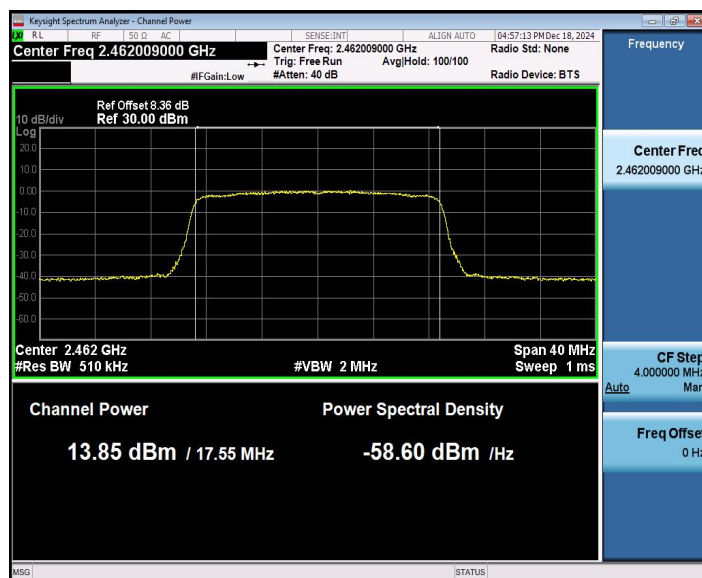
11N20SISO_Ant1_2412



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	-3.54	-13.54	≤8.00	PASS
		2437	-3.29	-13.29	≤8.00	PASS
		2462	-3.27	-13.27	≤8.00	PASS
11G	Ant1	2412	-4.35	-14.35	≤8.00	PASS
		2437	-5.13	-15.13	≤8.00	PASS
		2462	-5.33	-15.33	≤8.00	PASS
11N20SISO	Ant1	2412	-5.60	-15.6	≤8.00	PASS
		2437	-6.52	-16.52	≤8.00	PASS
		2462	-5.15	-15.15	≤8.00	PASS