

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.200	2407.360	2416.560	0.5	PASS
		2437	8.440	2432.520	2440.960	0.5	PASS
		2462	9.080	2457.520	2466.600	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
		2437	16.040	2428.920	2444.960	0.5	PASS
		2462	15.920	2453.920	2469.840	0.5	PASS
11N20SISO	Ant1	2412	16.520	2403.680	2420.200	0.5	PASS
		2437	16.840	2428.600	2445.440	0.5	PASS
		2462	16.960	2453.520	2470.480	0.5	PASS
11N40SISO	Ant1	2422	35.120	2404.480	2439.600	0.5	PASS
		2437	33.760	2419.560	2453.320	0.5	PASS
		2452	35.040	2434.560	2469.600	0.5	PASS

Test Graphs

11B_Ant1_2412



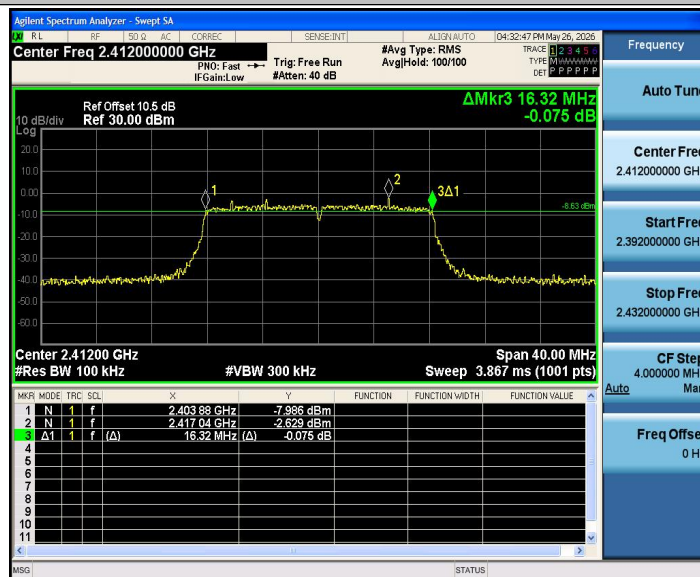
11B_Ant1_2437



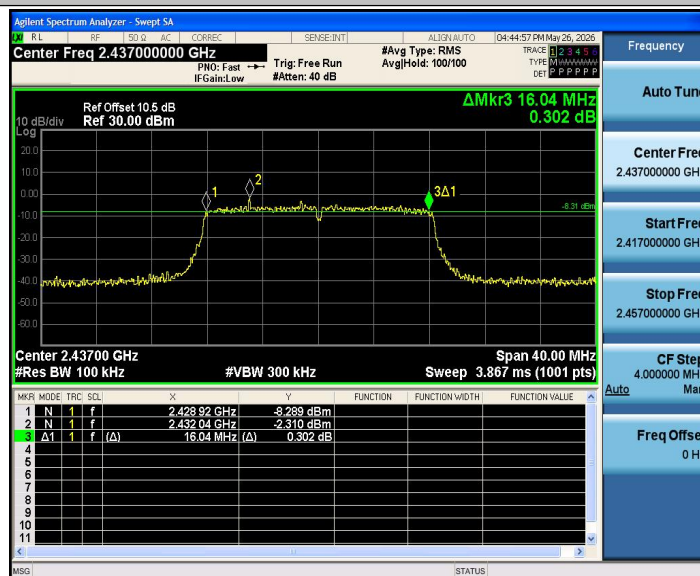
11B_Ant1_2462



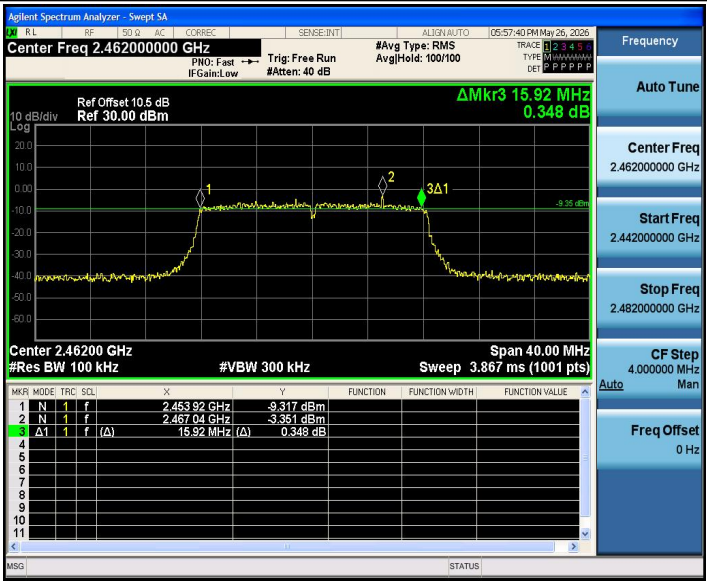
11G_Ant1_2412



11G_Ant1_2437



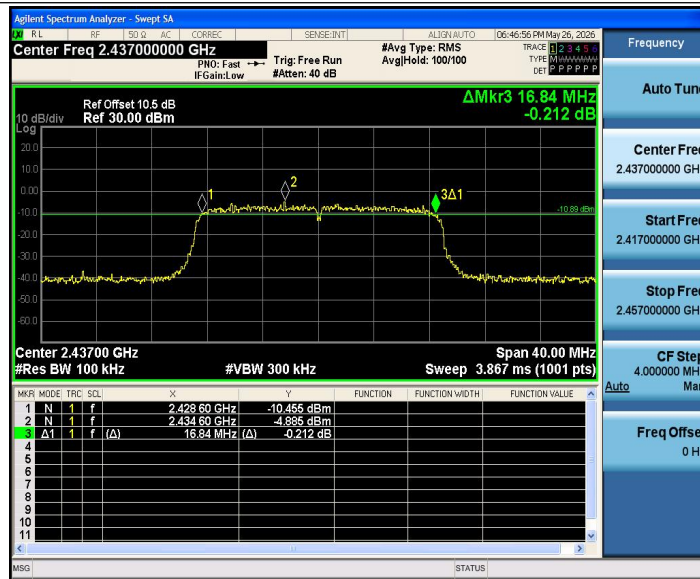
11G_Ant1_2462



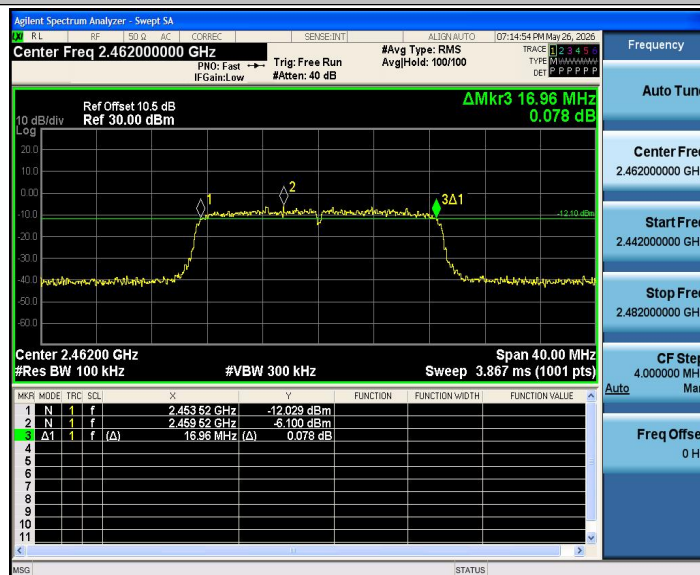
11N20SISO_Ant1_2412



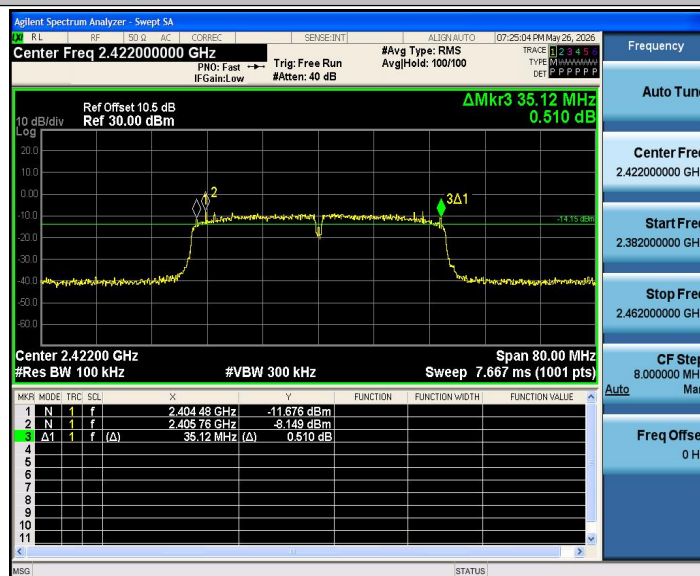
11N20SISO_Ant1_2437



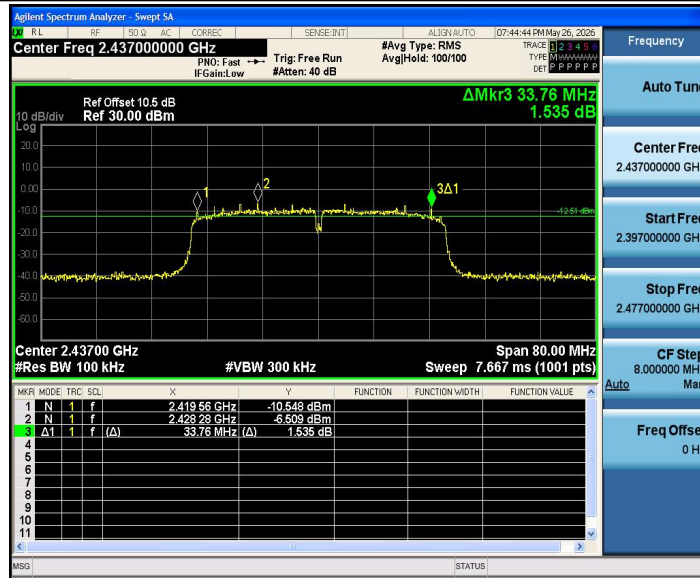
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

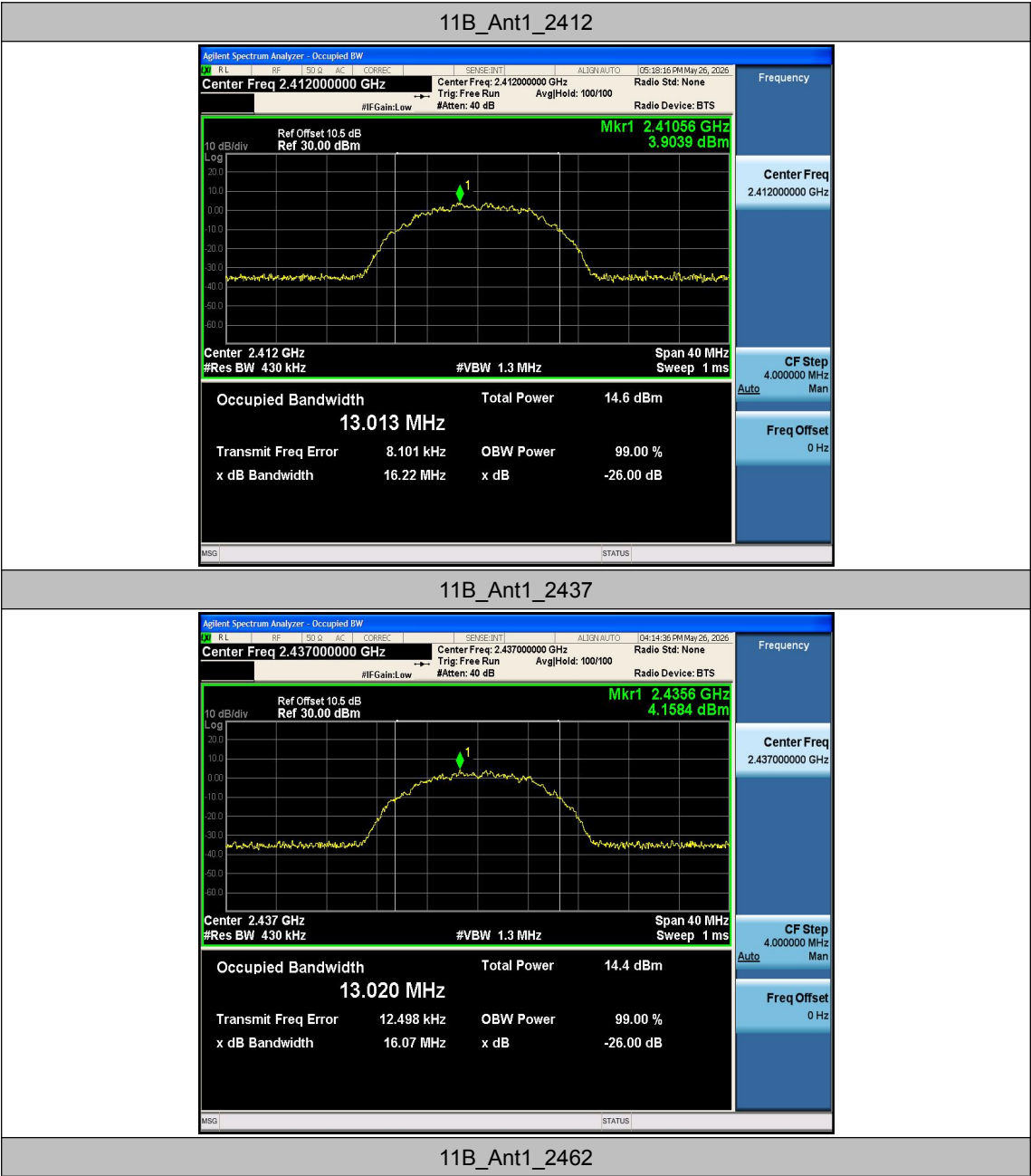


Appendix B: Occupied Channel Bandwidth

Test Result

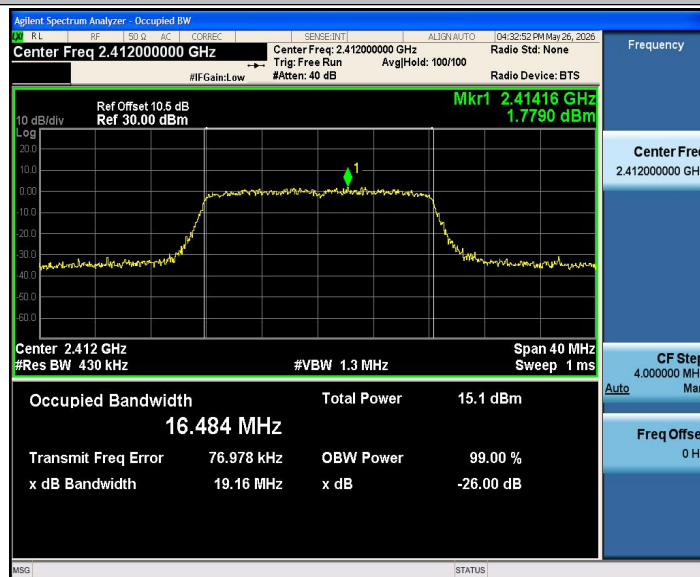
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.013	2405.5016	2418.5146	---	---
		2437	13.020	2430.5025	2443.5225	---	---
		2462	13.017	2455.5387	2468.5557	---	---
11G	Ant1	2412	16.484	2403.8350	2420.3190	---	---
		2437	16.537	2428.7964	2445.3334	---	---
		2462	16.537	2453.7954	2470.3324	---	---
11N20SISO	Ant1	2412	17.349	2403.4030	2420.7520	---	---
		2437	17.339	2428.3960	2445.7350	---	---
		2462	17.334	2453.4011	2470.7351	---	---
11N40SISO	Ant1	2422	35.742	2404.2378	2439.9798	---	---
		2437	35.755	2419.2154	2454.9704	---	---
		2452	35.809	2434.2023	2470.0113	---	---

Test Graphs

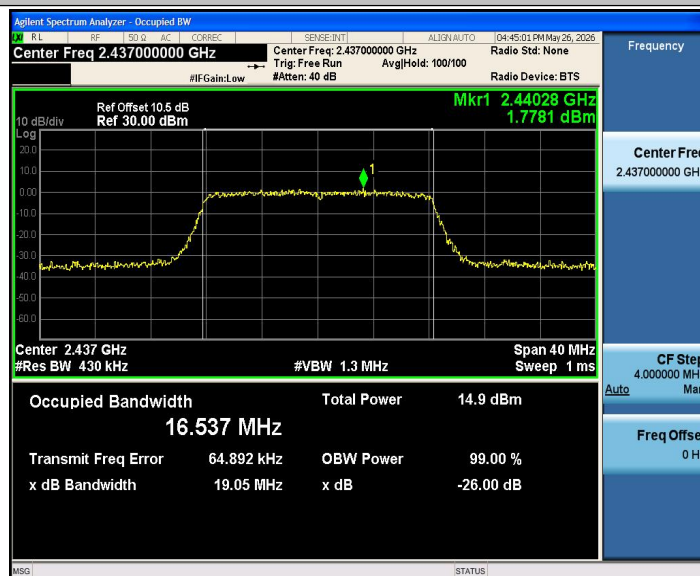




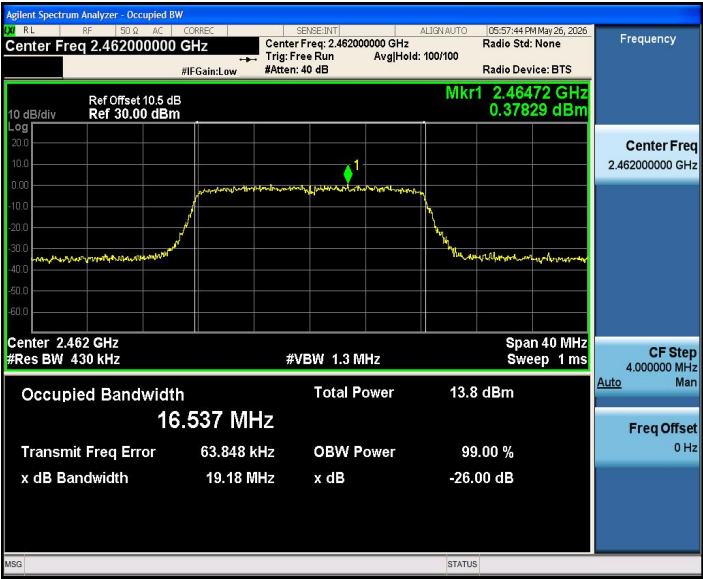
11G_Ant1_2412



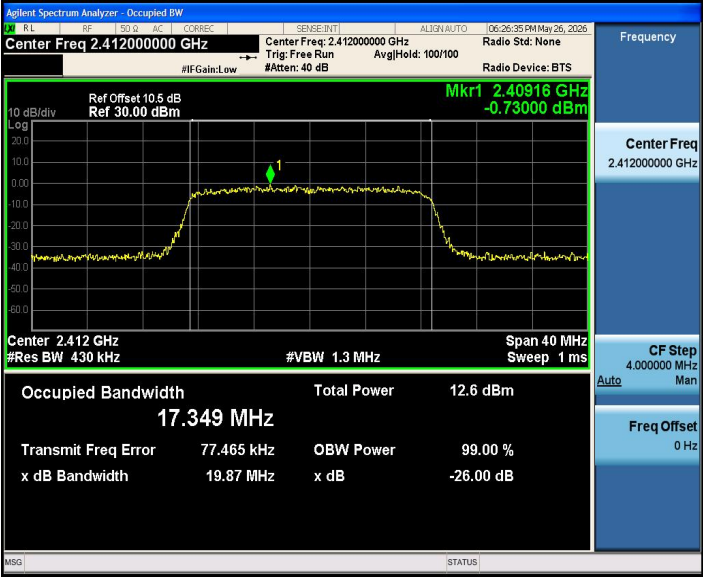
11G_Ant1_2437



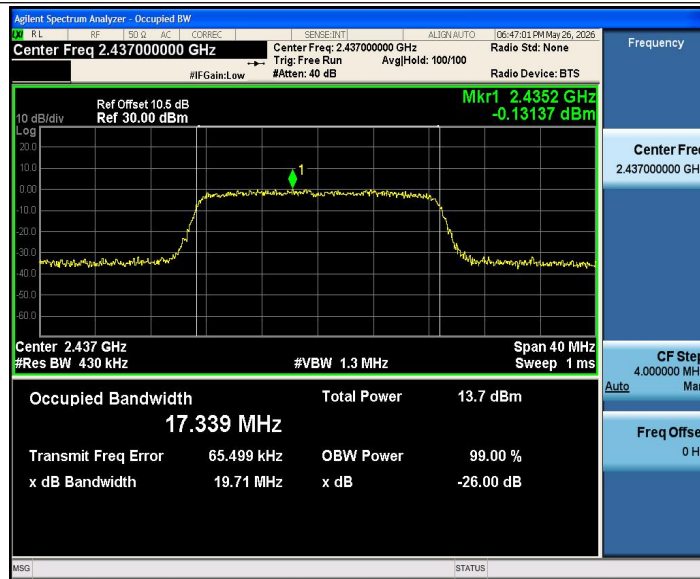
11G_Ant1_2462



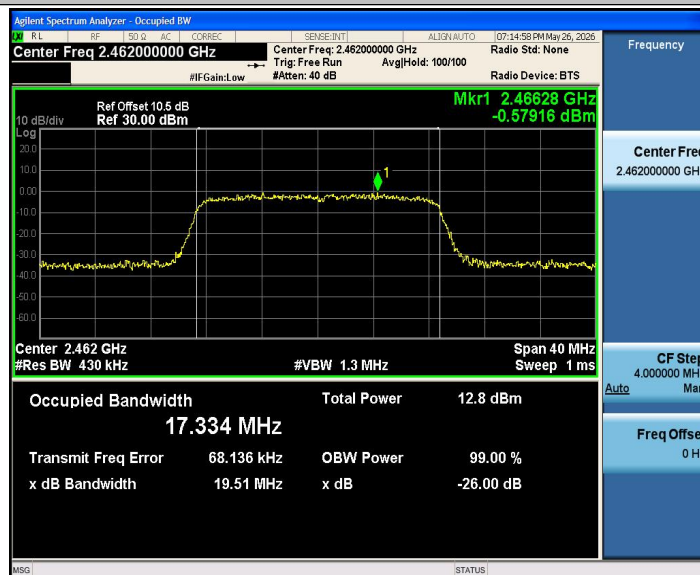
11N20SISO_Ant1_2412



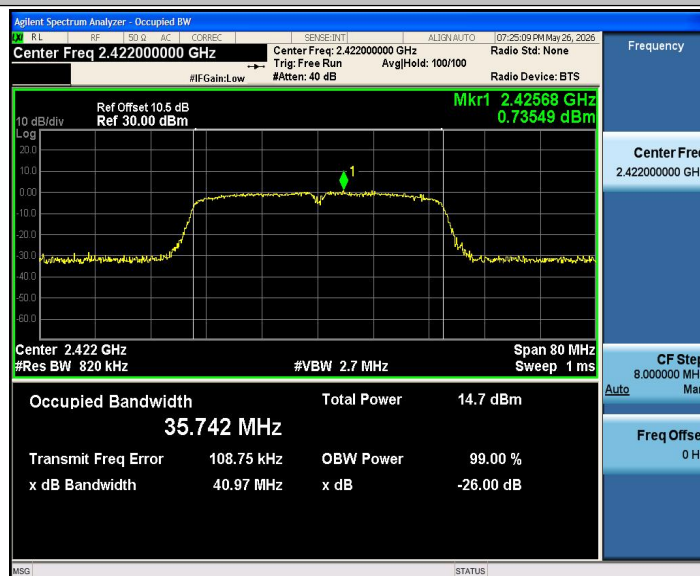
11N20SISO_Ant1_2437



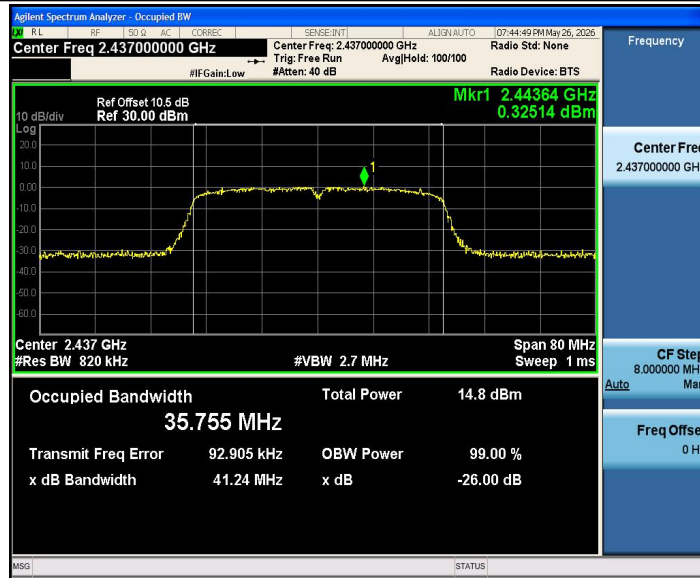
11N20SISO_Ant1_2462



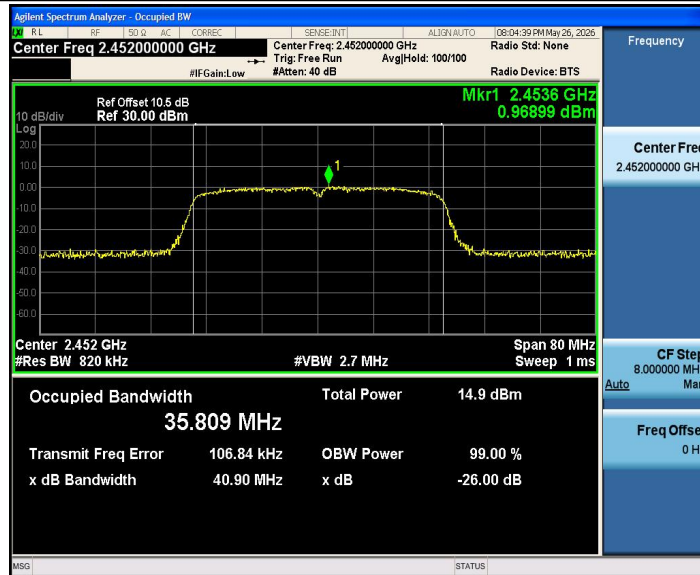
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



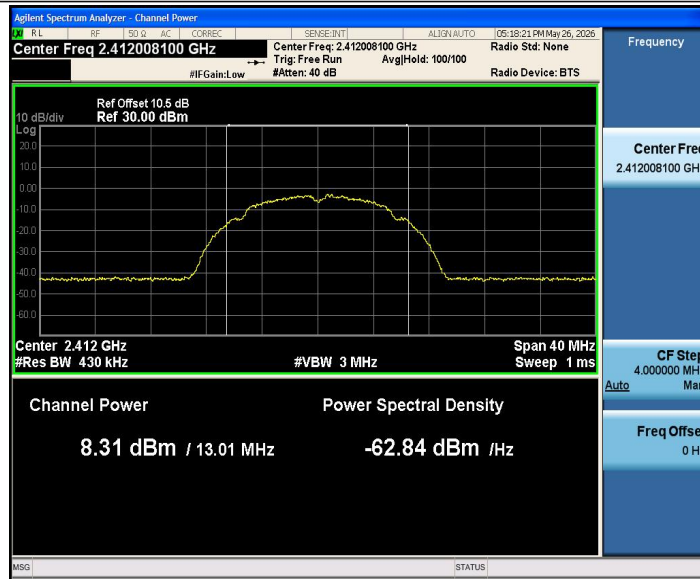
Appendix C: Maximum conducted output power

Test Result Average

Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.31	≤30.00	PASS
		2437	8.08	≤30.00	PASS
		2462	6.90	≤30.00	PASS
11G	Ant1	2412	8.91	≤30.00	PASS
		2437	8.93	≤30.00	PASS
		2462	7.78	≤30.00	PASS
11N20SISO	Ant1	2412	6.54	≤30.00	PASS
		2437	7.64	≤30.00	PASS
		2462	6.72	≤30.00	PASS
11N40SISO	Ant1	2422	7.73	≤30.00	PASS
		2437	7.81	≤30.00	PASS
		2452	7.99	≤30.00	PASS

Test Graphs Average

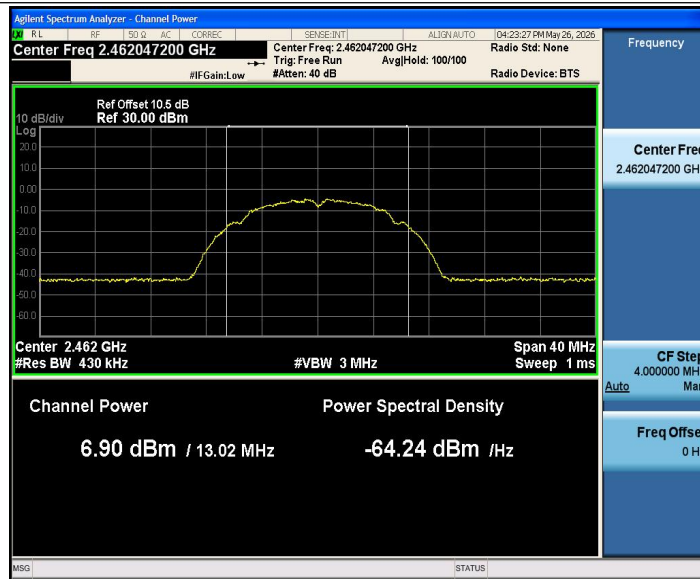
11B_Ant1_2412



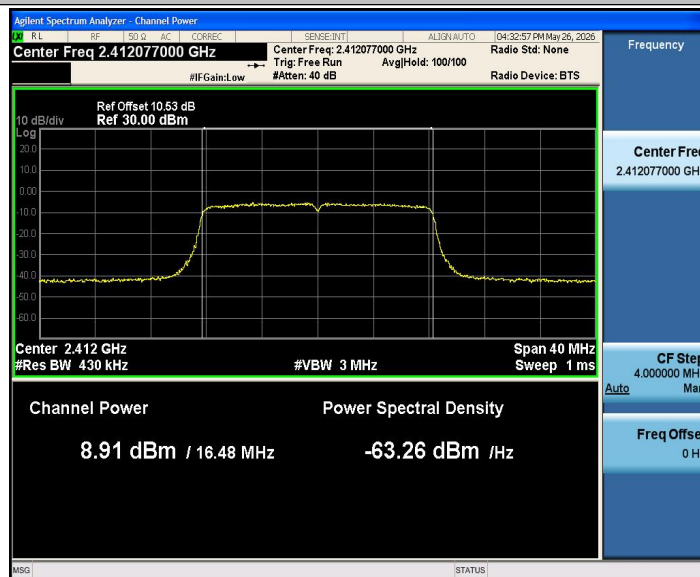
11B_Ant1_2437



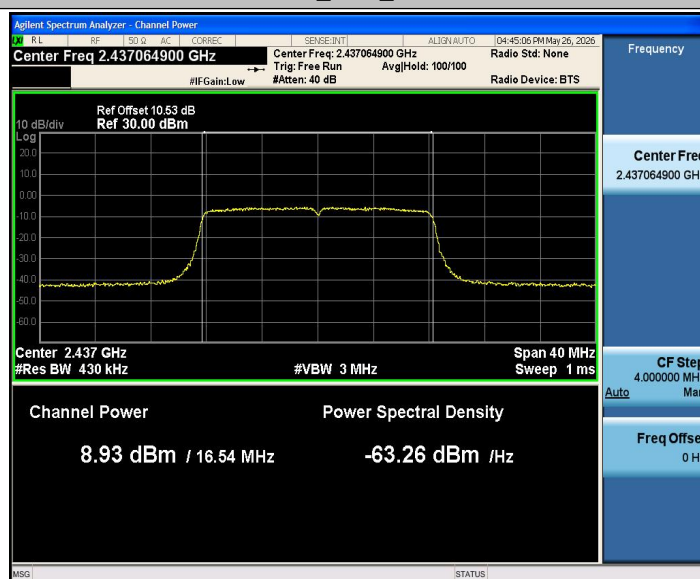
11B_Ant1_2462



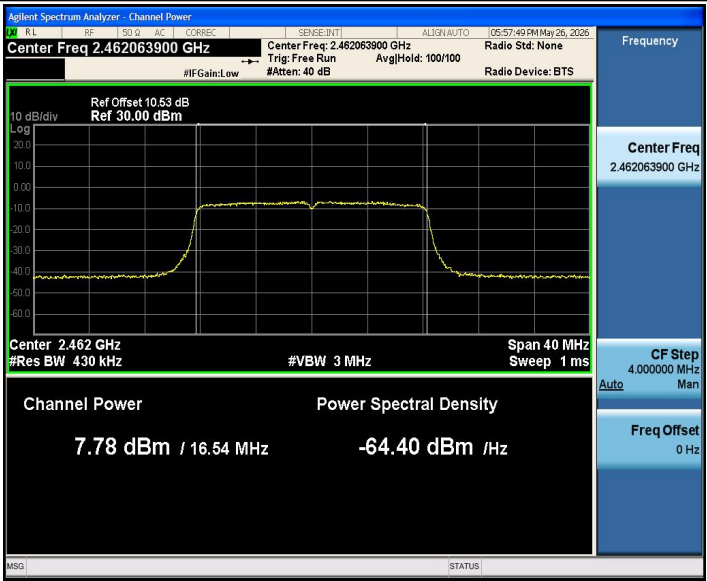
11G_Ant1_2412



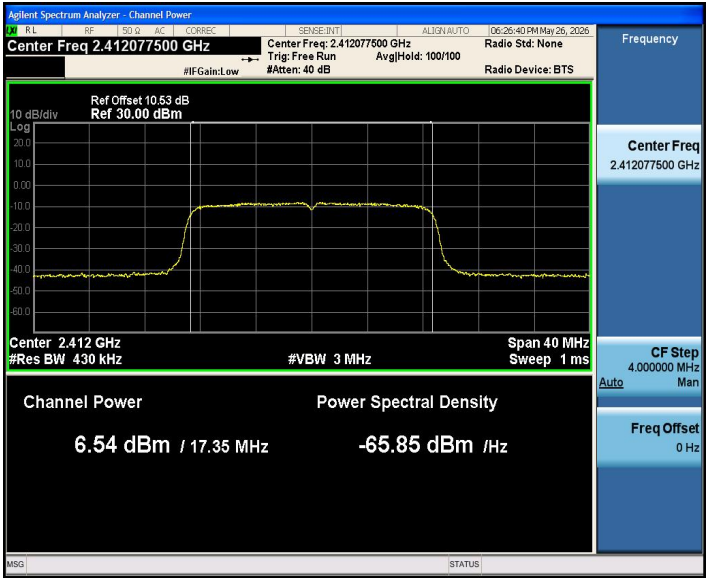
11G_Ant1_2437



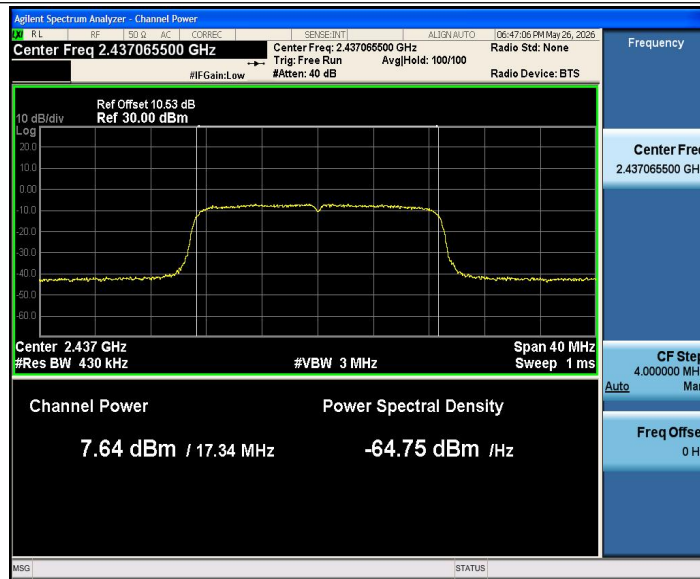
11G_Ant1_2462



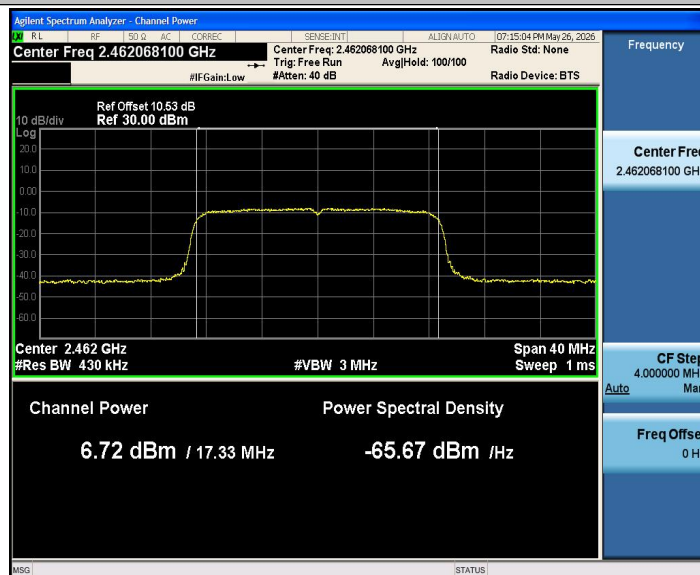
11N20SISO_Ant1_2412



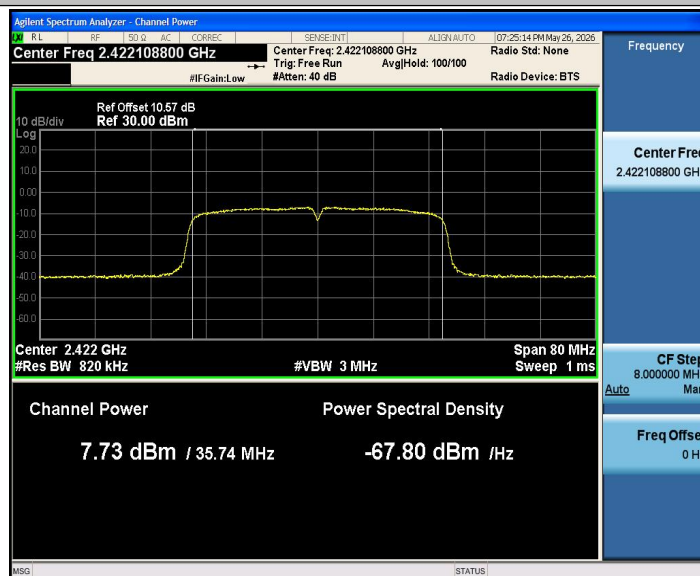
11N20SISO_Ant1_2437



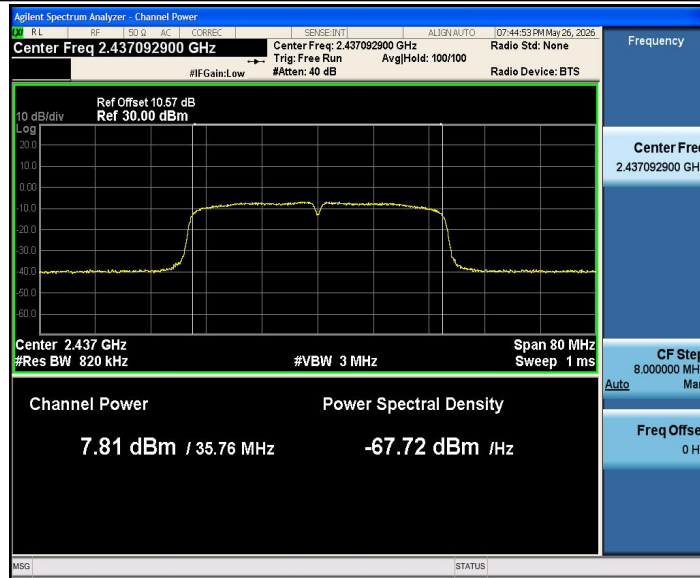
11N20SISO_Ant1_2462



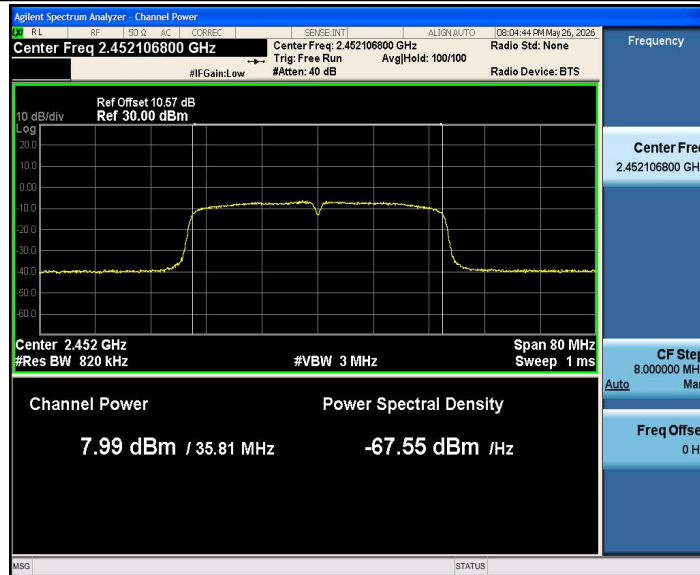
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-20.68	≤8.00	PASS
		2437	-21.19	≤8.00	PASS
		2462	-21.36	≤8.00	PASS
11G	Ant1	2412	-21.03	≤8.00	PASS
		2437	-20.68	≤8.00	PASS
		2462	-21.59	≤8.00	PASS
11N20SISO	Ant1	2412	-21.91	≤8.00	PASS
		2437	-21.25	≤8.00	PASS
		2462	-21.12	≤8.00	PASS
11N40SISO	Ant1	2422	-21.87	≤8.00	PASS
		2437	-21.78	≤8.00	PASS
		2452	-21.77	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462