Appendix Test Data

Report No.:	1812C40207012503	Test Sample No.:	1-2-2
Start Test Date:	2024-12-31	Finish Test Date:	2025-5-12
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	25.0℃	Relative Humidity:	56%
Pressure:	101kPa		

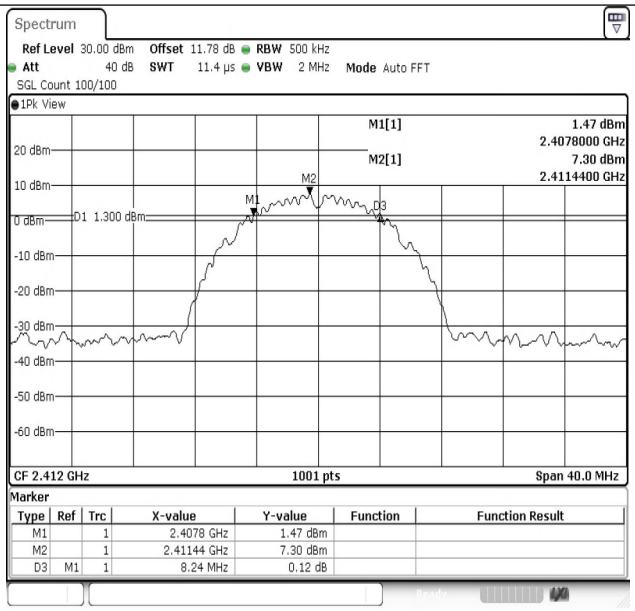
Appendix A: 6dB Bandwidth

Test Result

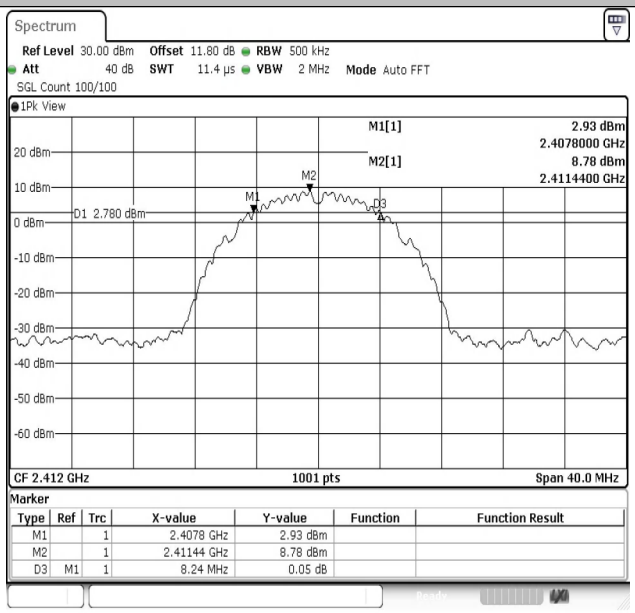
Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.24	2407.80	2416.04	0.5	PASS
11B	Ant2	2412	8.24	2407.80	2416.04	0.5	PASS
11B	Ant1	2437	8.24	2432.80	2441.04	0.5	PASS
11B	Ant2	2437	8.28	2432.80	2441.08	0.5	PASS
11B	Ant1	2462	8.24	2457.80	2466.04	0.5	PASS
11B	Ant2	2462	8.28	2457.80	2466.08	0.5	PASS
11G	Ant1	2412	16.04	2403.88	2419.92	0.5	PASS
11G	Ant2	2412	16.40	2403.72	2420.12	0.5	PASS
11G	Ant1	2437	16.16	2428.80	2444.96	0.5	PASS
11G	Ant2	2437	16.00	2429.04	2445.04	0.5	PASS
11G	Ant1	2462	16.20	2453.80	2470.00	0.5	PASS
11G	Ant2	2462	13.32	2456.56	2469.88	0.5	PASS
11N20MIMO	Ant2	2412	17.40	2403.24	2420.64	0.5	PASS
11N20MIMO	Ant1	2412	16.92	2403.40	2420.32	0.5	PASS
11N20MIMO	Ant1	2437	17.20	2428.28	2445.48	0.5	PASS
11N20MIMO	Ant2	2437	16.24	2429.28	2445.52	0.5	PASS
11N20MIMO	Ant1	2462	17.20	2453.28	2470.48	0.5	PASS
11N20MIMO	Ant2	2462	16.80	2453.68	2470.48	0.5	PASS
11N40MIMO	Ant1	2422	35.76	2403.92	2439.68	0.5	PASS
11N40MIMO	Ant2	2422	36.16	2403.84	2440.00	0.5	PASS
11N40MIMO	Ant1	2437	35.76	2419.16	2454.92	0.5	PASS
11N40MIMO	Ant2	2437	34.48	2420.60	2455.08	0.5	PASS
11N40MIMO	Ant1	2452	34.64	2434.64	2469.28	0.5	PASS
11N40MIMO	Ant2	2452	32.96	2437.12	2470.08	0.5	PASS
11AX20MIMO	Ant1	2412	17.80	2403.16	2420.96	0.5	PASS

11AX20MIMO	Ant2	2412	17.44	2403.24	2420.68	0.5	PASS
11AX20MIMO	Ant1	2437	17.28	2428.32	2445.60	0.5	PASS
11AX20MIMO	Ant2	2437	17.36	2428.60	2445.96	0.5	PASS
11AX20MIMO	Ant1	2462	17.64	2453.40	2471.04	0.5	PASS
11AX20MIMO	Ant2	2462	17.44	2453.64	2471.08	0.5	PASS
11AX40MIMO	Ant1	2422	35.68	2403.92	2439.60	0.5	PASS
11AX40MIMO	Ant2	2422	36.24	2403.60	2439.84	0.5	PASS
11AX40MIMO	Ant1	2437	36.00	2418.76	2454.76	0.5	PASS
11AX40MIMO	Ant2	2437	34.64	2420.60	2455.24	0.5	PASS
11AX40MIMO	Ant1	2452	29.84	2434.24	2464.08	0.5	PASS
11AX40MIMO	Ant2	2452	30.96	2439.36	2470.32	0.5	PASS

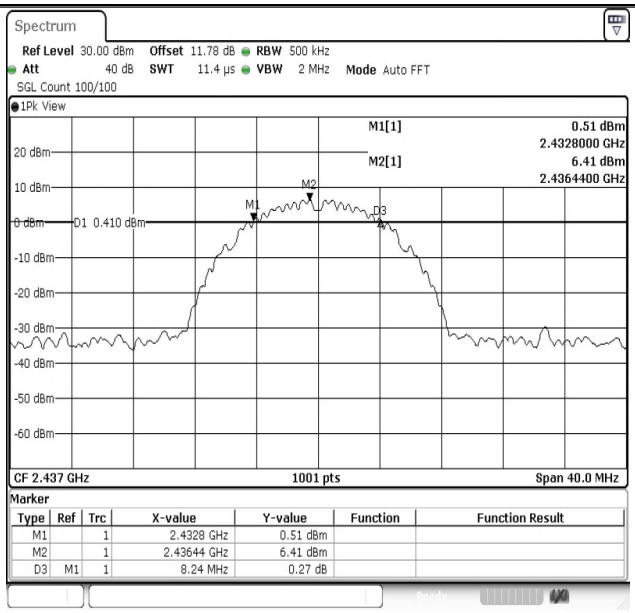
Test Graphs



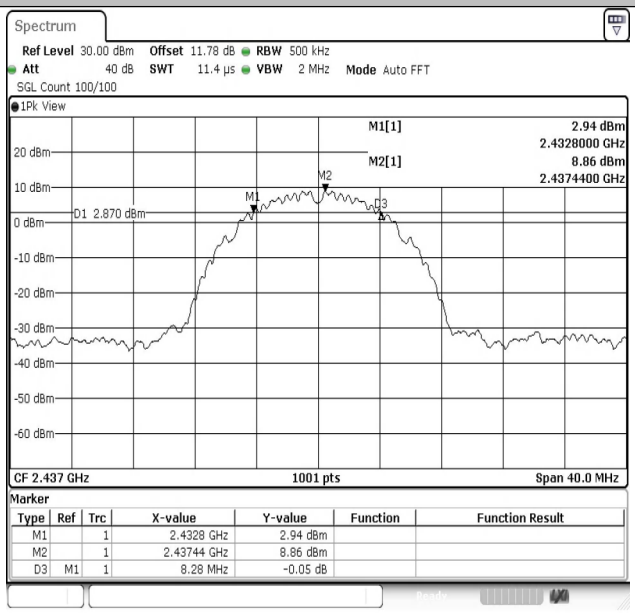
11B-Ant1-2412-PASS



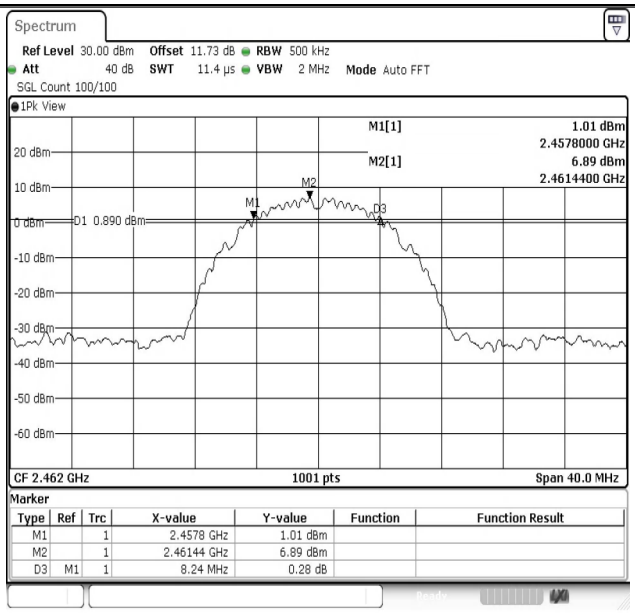
11B-Ant2-2412-PASS



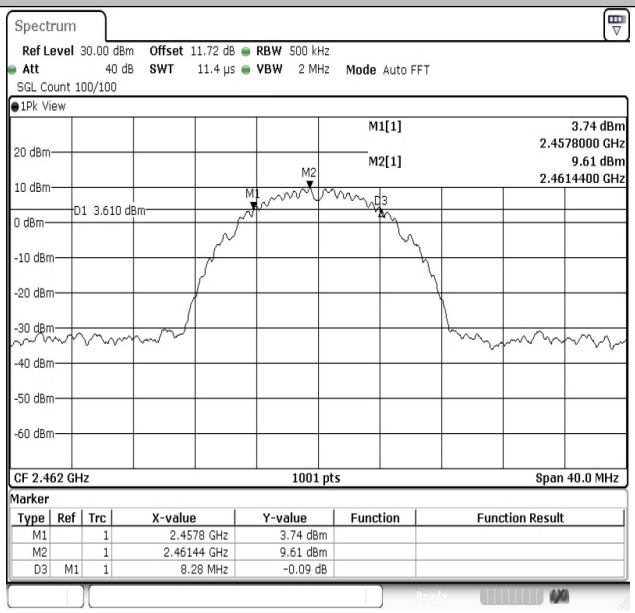
11B-Ant1-2437-PASS



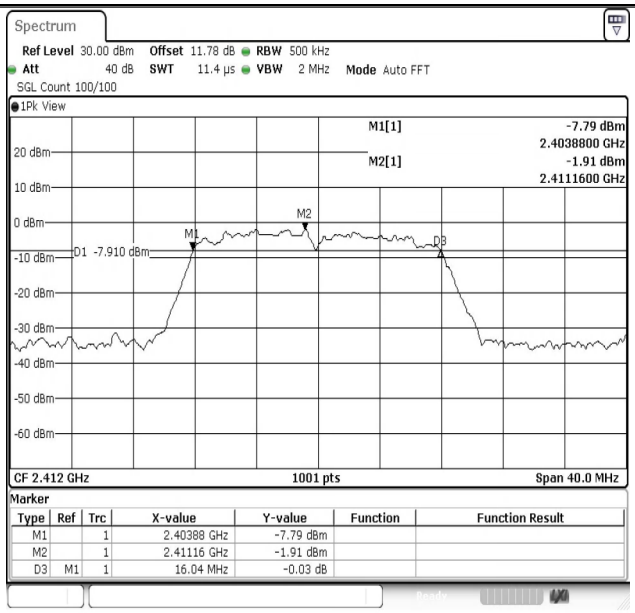
11B-Ant2-2437-PASS



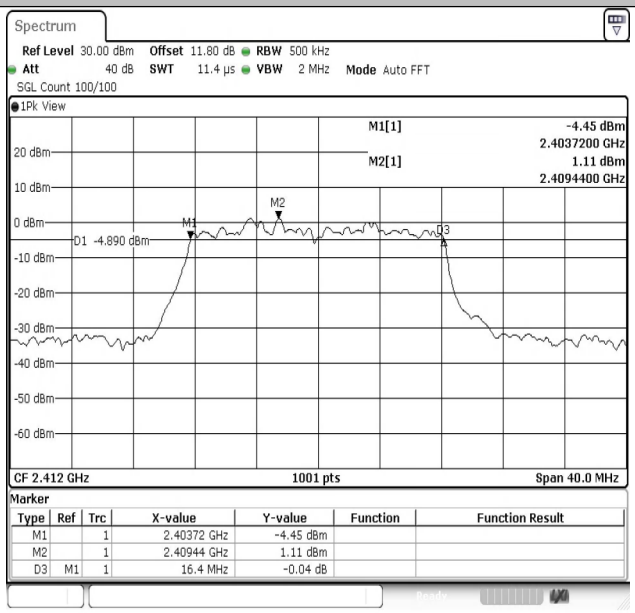
11B-Ant1-2462-PASS



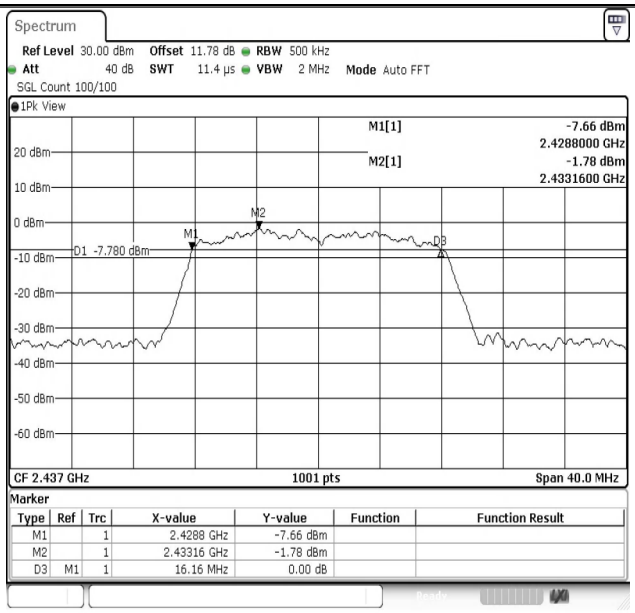
11B-Ant2-2462-PASS



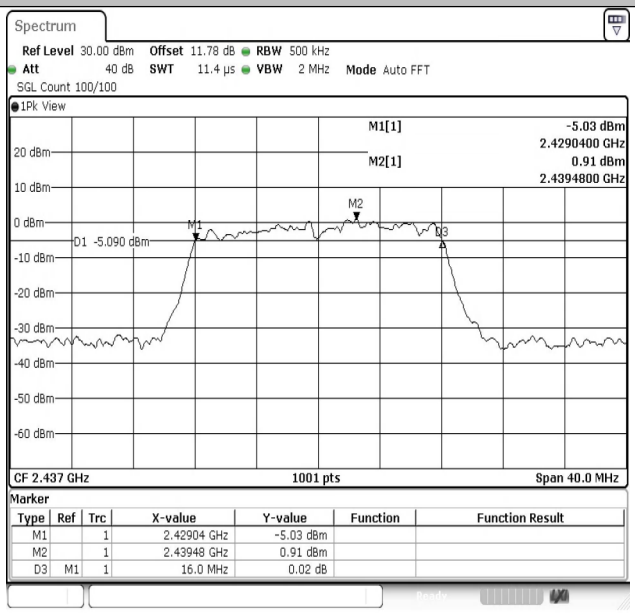
11G-Ant1-2412-PASS



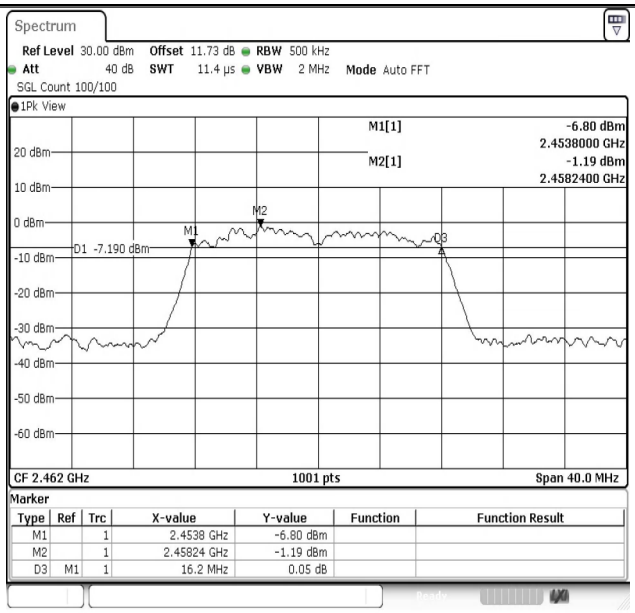
11G-Ant2-2412-PASS



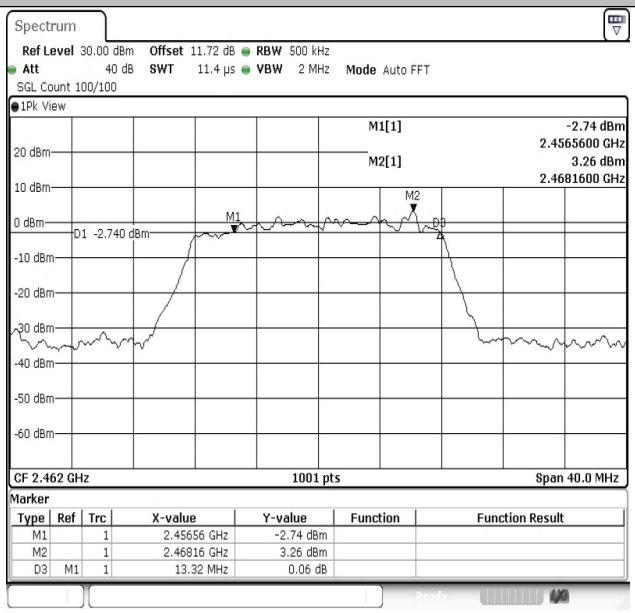
11G-Ant1-2437-PASS



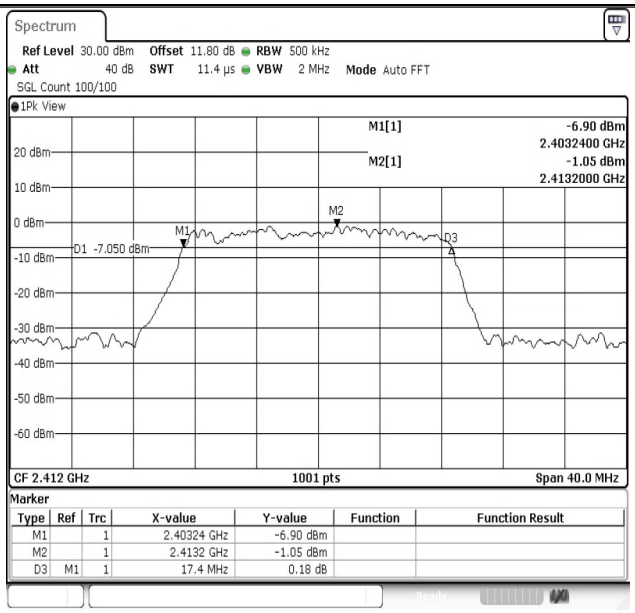
11G-Ant2-2437-PASS



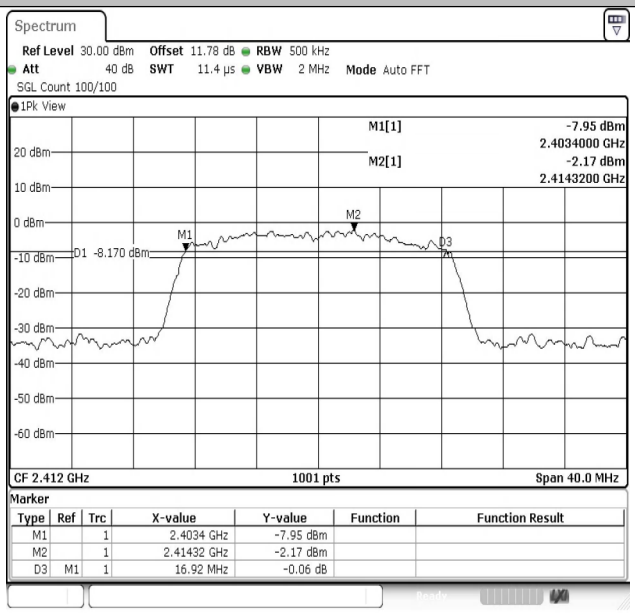
11G-Ant1-2462-PASS



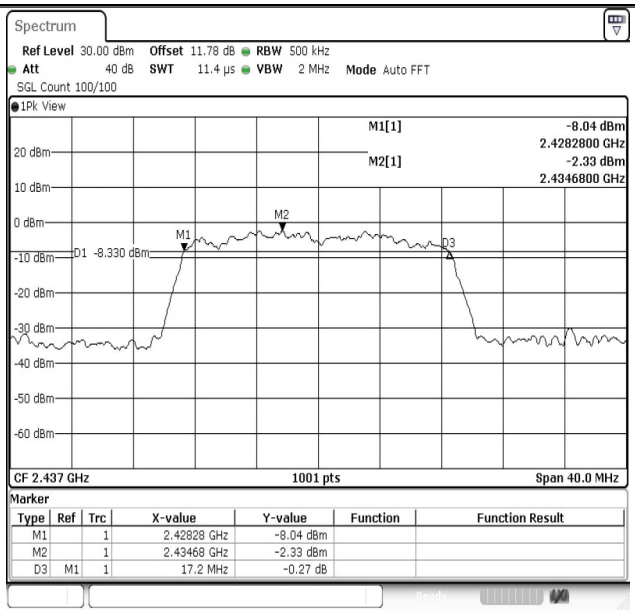
11G-Ant2-2462-PASS



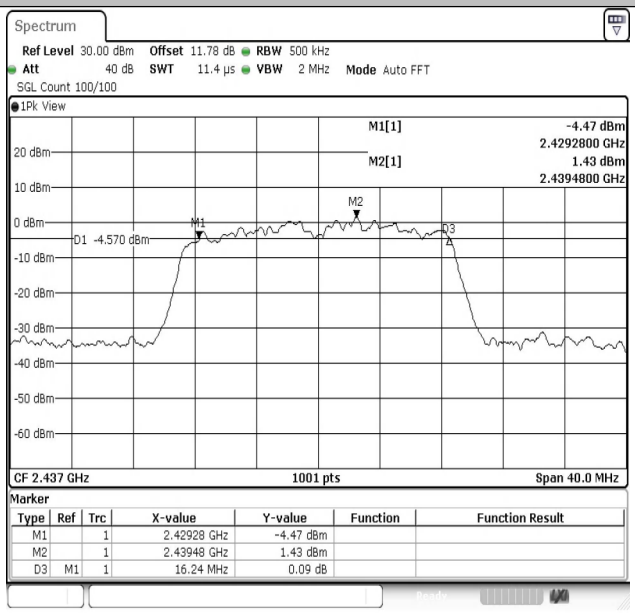
11N20MIMO-Ant2-2412-PASS



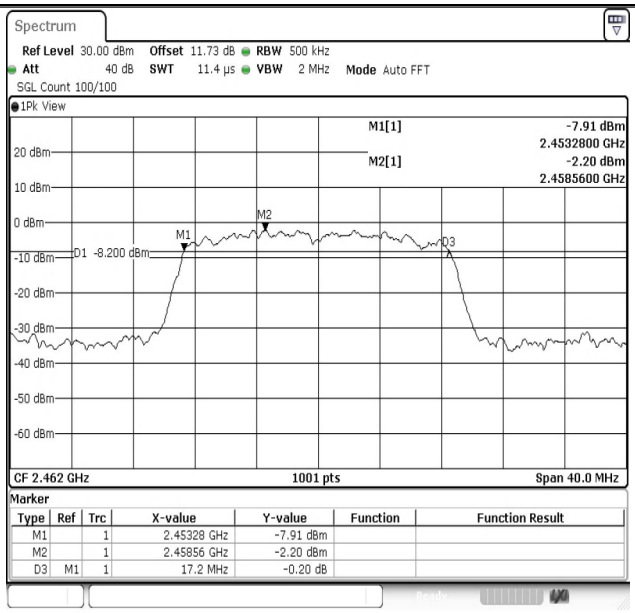
11N20MIMO-Ant1-2412-PASS



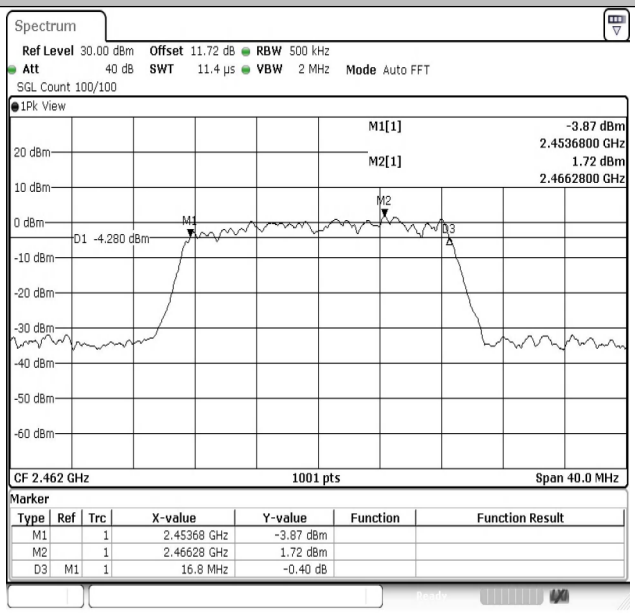
11N20MIMO-Ant1-2437-PASS



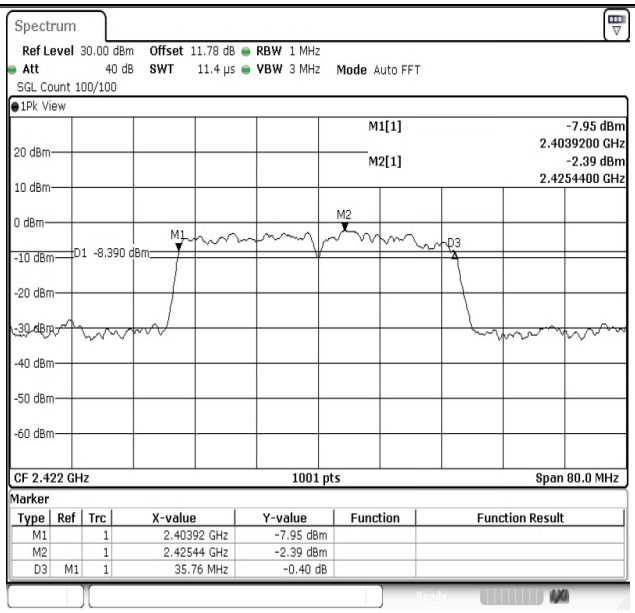
11N20MIMO-Ant2-2437-PASS



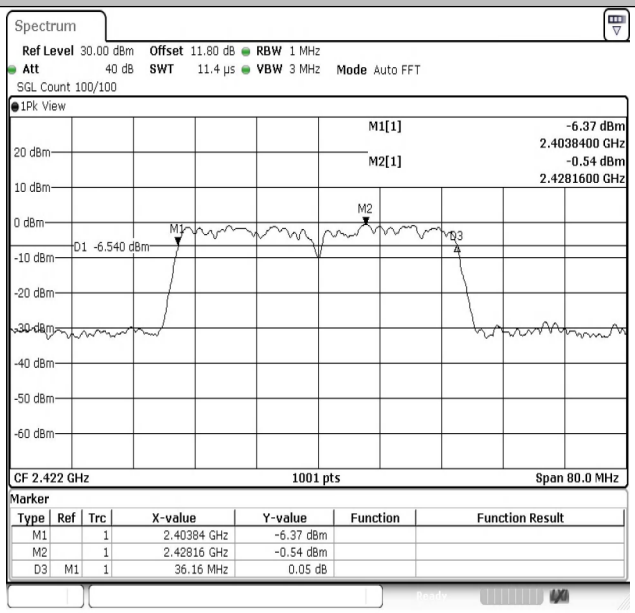
11N20MIMO-Ant1-2462-PASS



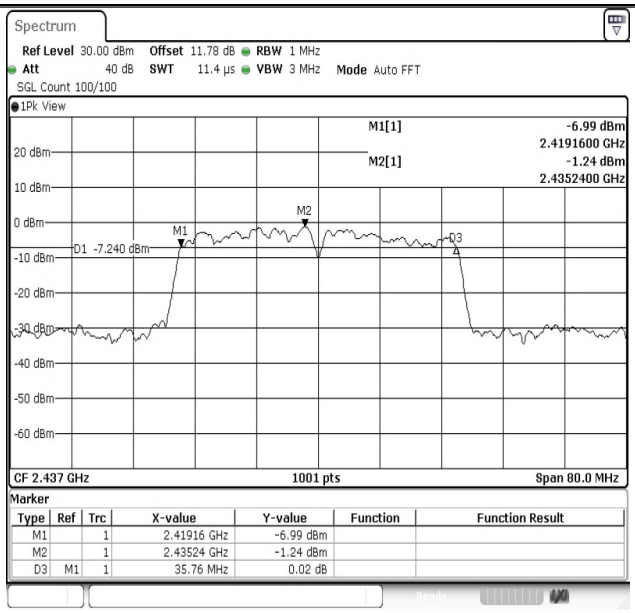
11N20MIMO-Ant2-2462-PASS



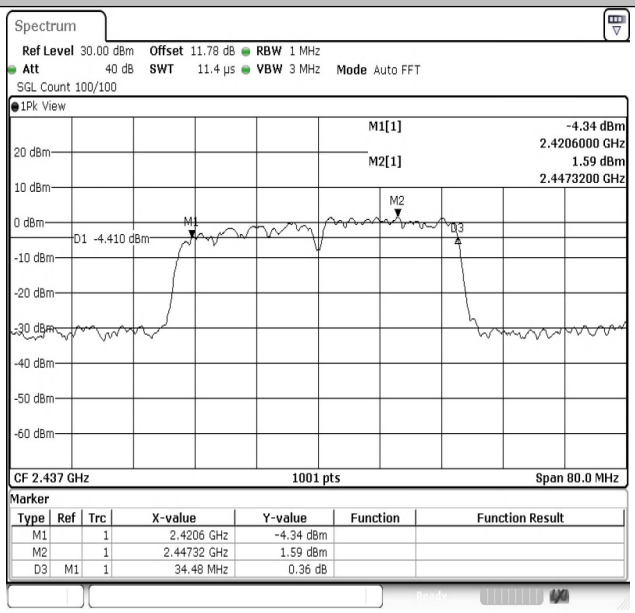
11N40MIMO-Ant1-2422-PASS



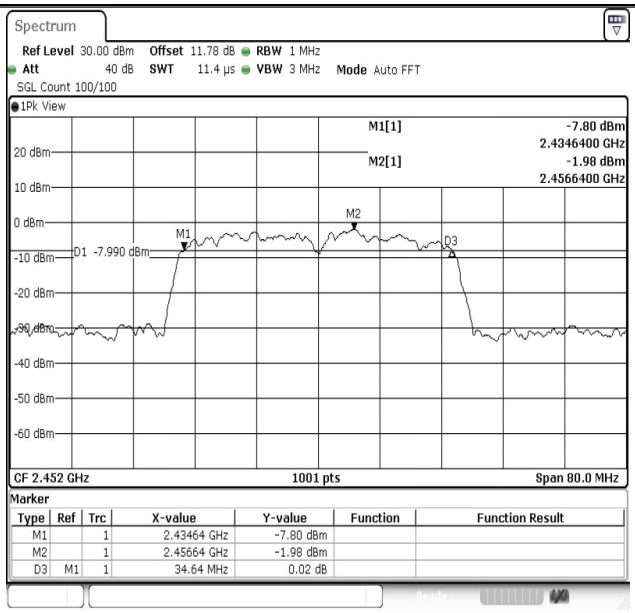
11N40MIMO-Ant2-2422-PASS



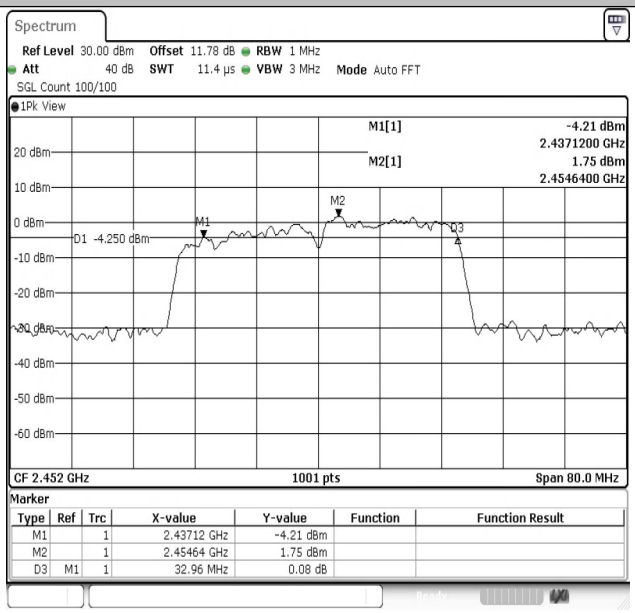
11N40MIMO-Ant1-2437-PASS



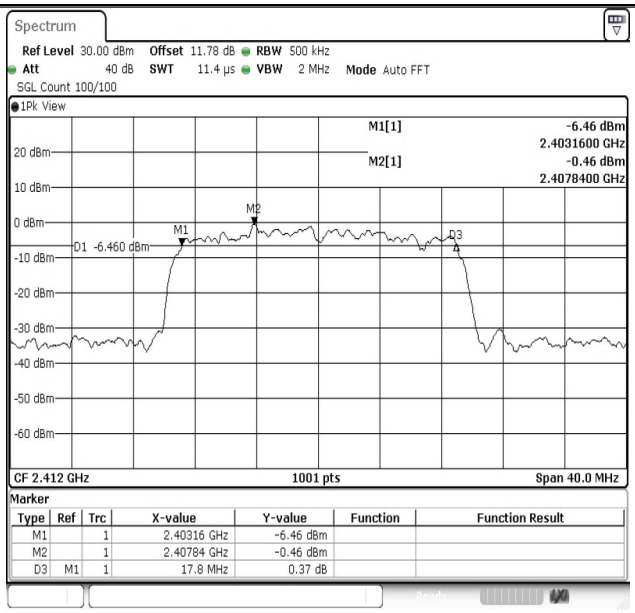
11N40MIMO-Ant2-2437-PASS



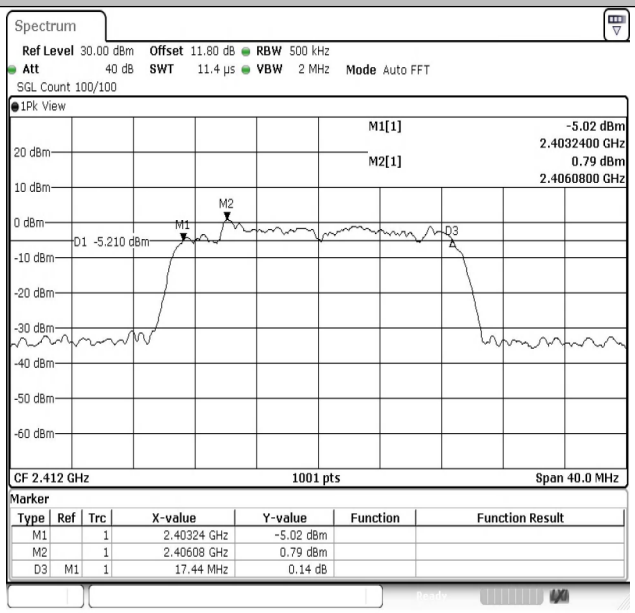
11N40MIMO-Ant1-2452-PASS



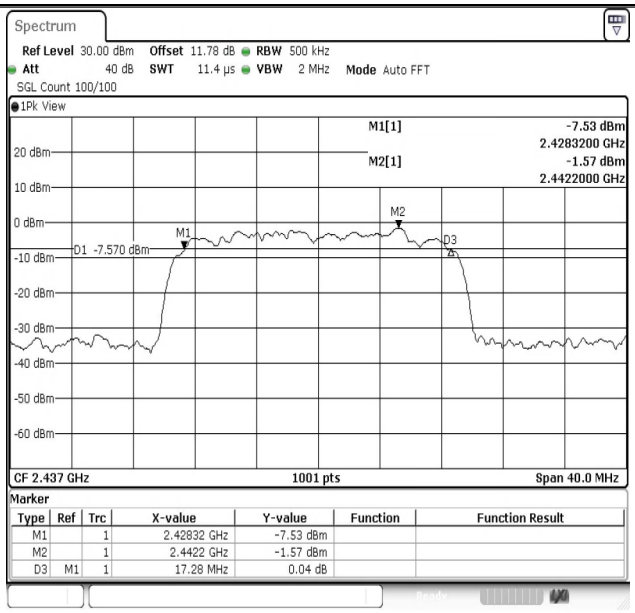
11N40MIMO-Ant2-2452-PASS



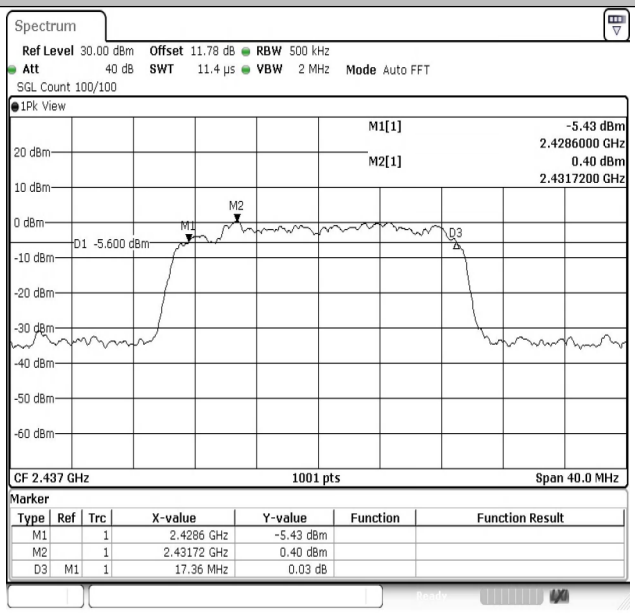
11AX20MIMO-Ant1-2412-PASS



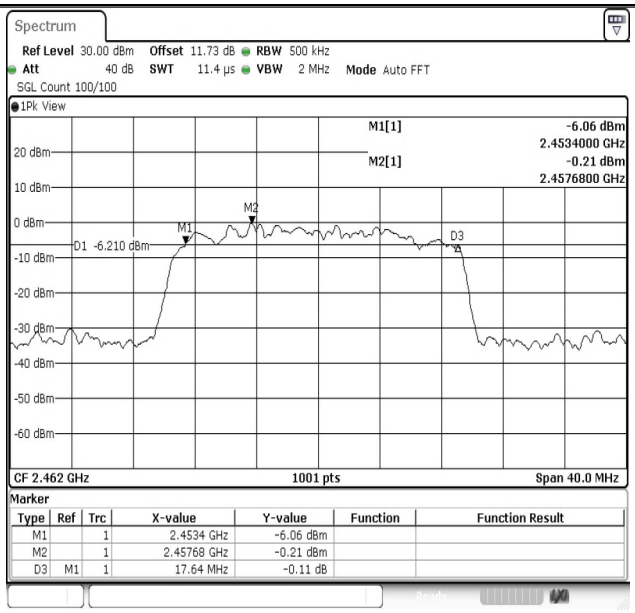
11AX20MIMO-Ant2-2412-PASS



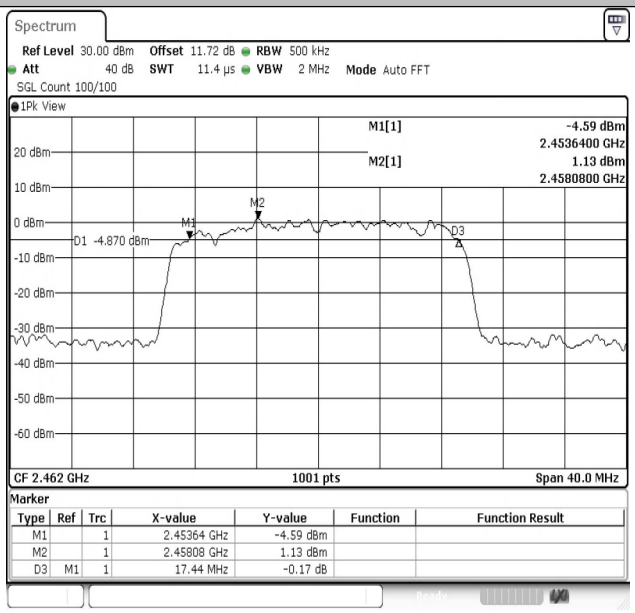
11AX20MIMO-Ant1-2437-PASS



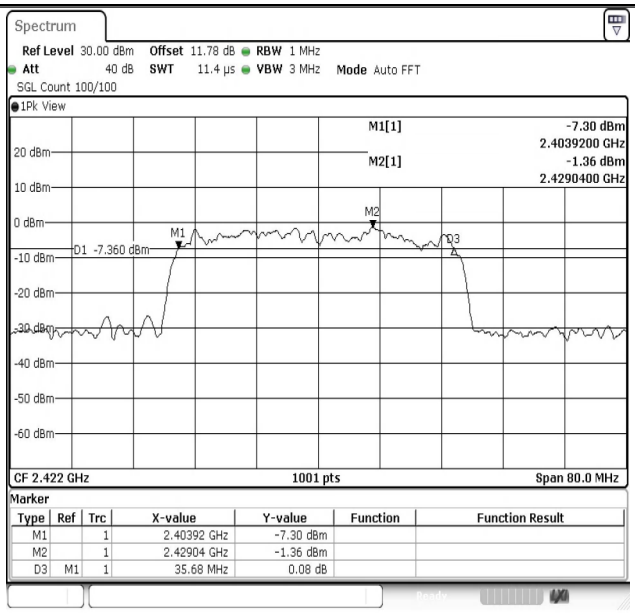
11AX20MIMO-Ant2-2437-PASS



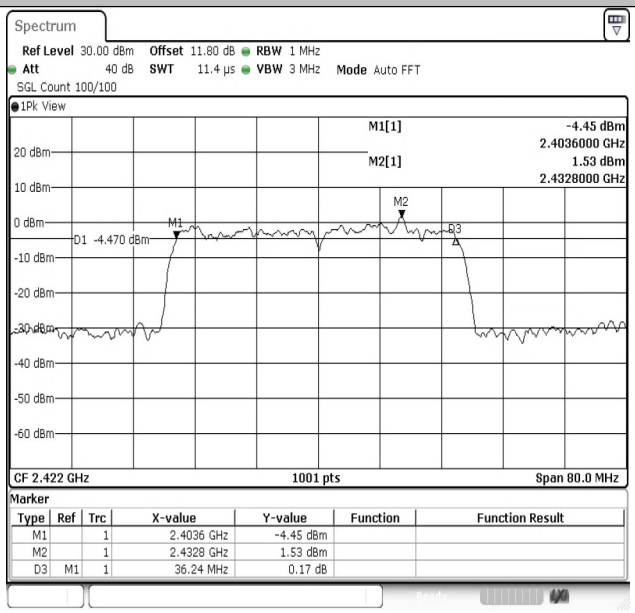
11AX20MIMO-Ant1-2462-PASS



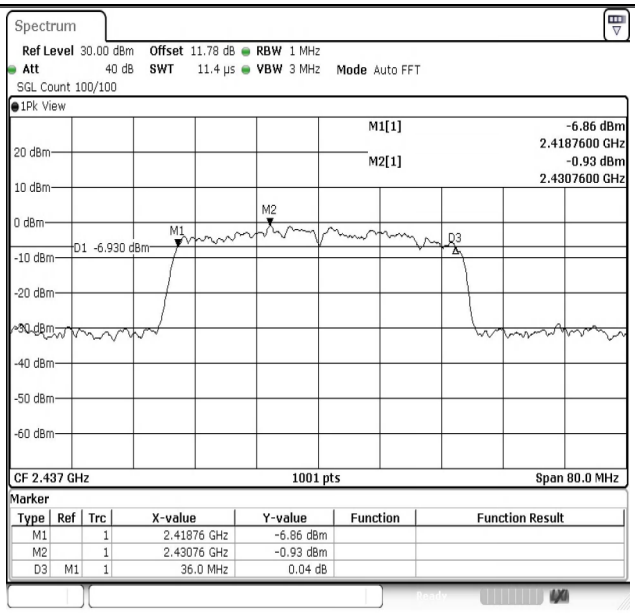
11AX20MIMO-Ant2-2462-PASS



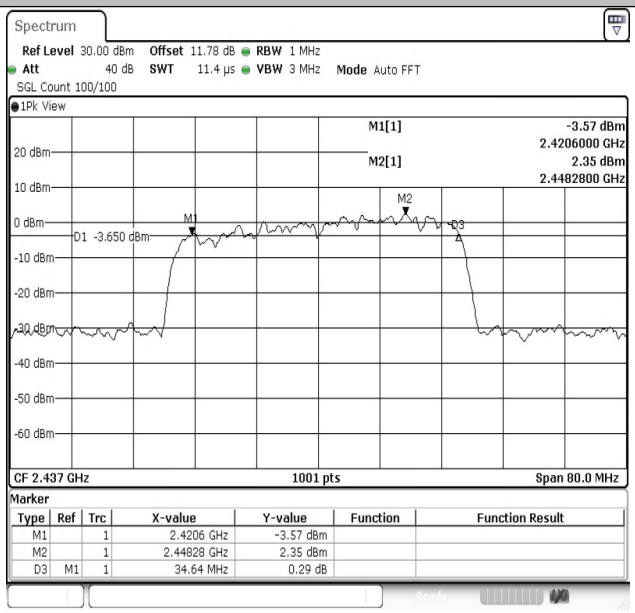
11AX40MIMO-Ant1-2422-PASS



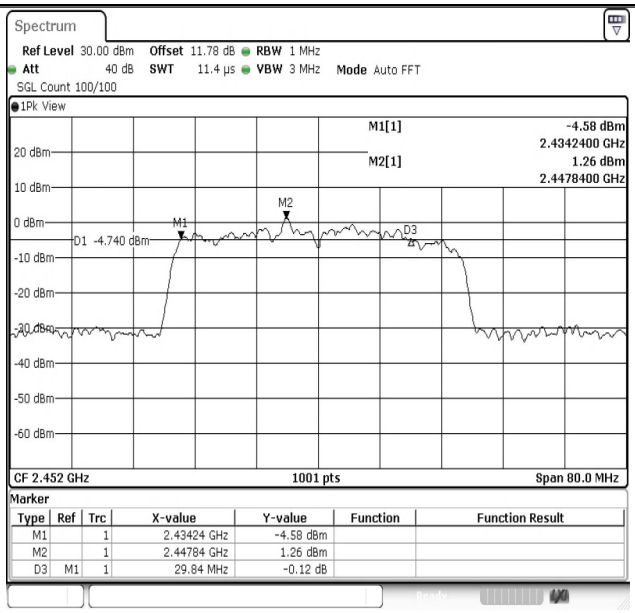
11AX40MIMO-Ant2-2422-PASS



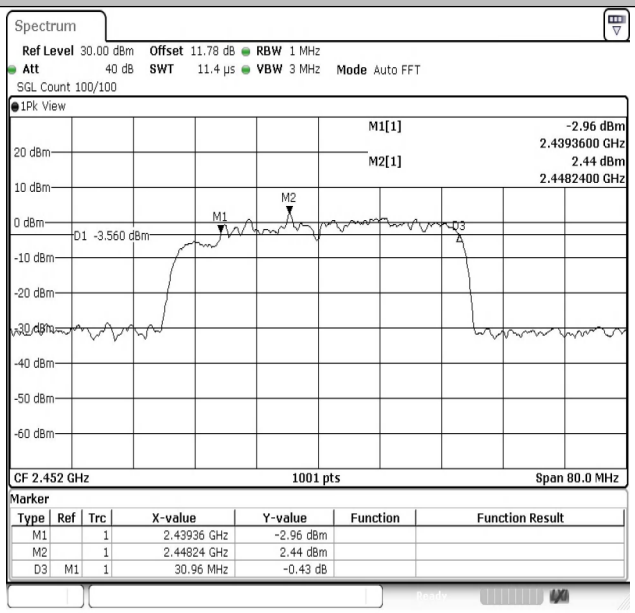
11AX40MIMO-Ant1-2437-PASS



11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



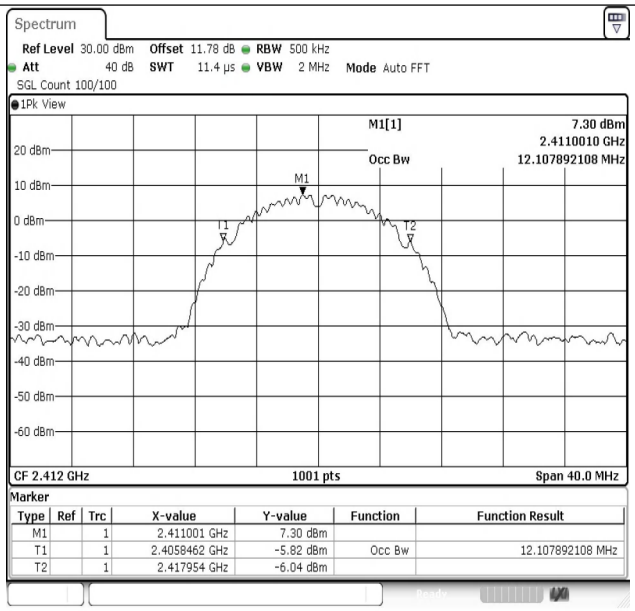
11AX40MIMO-Ant2-2452-PASS

Appendix B: 99% Occupied Bandwidth

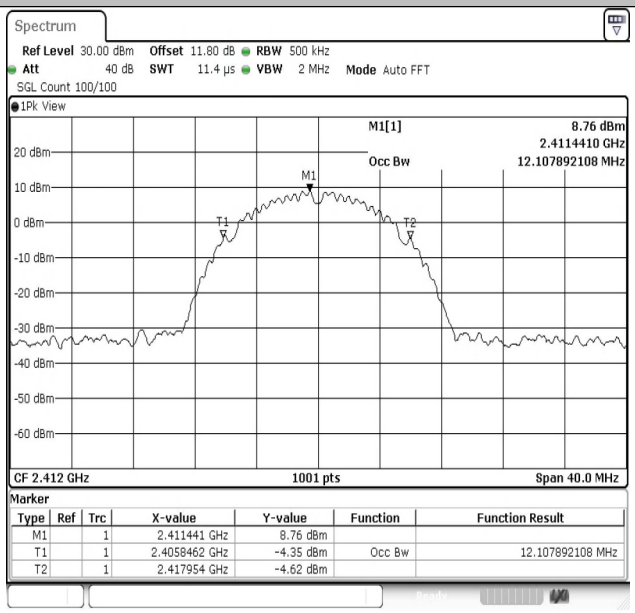
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.108	2405.8462	2417.9540	---	---
11B	Ant2	2412	12.108	2405.8462	2417.9540	---	---
11B	Ant2	2437	12.068	2430.8861	2442.9540	---	---
11B	Ant1	2437	12.108	2430.8861	2442.9940	---	---
11B	Ant1	2462	12.108	2455.8861	2467.9940	---	---
11B	Ant2	2462	12.068	2455.8861	2467.9540	---	---
11G	Ant1	2412	16.743	2403.5684	2420.3117	---	---
11G	Ant2	2412	16.703	2403.5285	2420.2318	---	---
11G	Ant1	2437	16.503	2428.6484	2445.1518	---	---
11G	Ant2	2437	16.623	2428.7283	2445.3516	---	---
11G	Ant1	2462	16.783	2453.5285	2470.3117	---	---
11G	Ant2	2462	16.623	2453.6883	2470.3117	---	---
11N20MIMO	Ant1	2412	17.542	2403.1289	2420.6713	---	---
11N20MIMO	Ant2	2412	17.542	2403.2088	2420.7512	---	---
11N20MIMO	Ant1	2437	17.622	2428.1289	2445.7512	---	---
11N20MIMO	Ant2	2437	17.502	2428.3287	2445.8312	---	---
11N20MIMO	Ant1	2462	17.582	2453.1289	2470.7113	---	---
11N20MIMO	Ant2	2462	17.502	2453.3287	2470.8312	---	---
11N40MIMO	Ant1	2422	36.044	2403.7782	2439.8222	---	---
11N40MIMO	Ant2	2422	36.204	2403.8581	2440.0619	---	---
11N40MIMO	Ant1	2437	36.044	2418.8581	2454.9021	---	---
11N40MIMO	Ant2	2437	35.884	2419.2577	2455.1419	---	---
11N40MIMO	Ant1	2452	35.964	2433.9381	2469.9021	---	---
11N40MIMO	Ant2	2452	35.804	2434.2577	2470.0619	---	---
11AX20MIMO	Ant1	2412	18.501	2402.7293	2421.2308	---	---
11AX20MIMO	Ant2	2412	18.422	2402.7293	2421.1508	---	---
11AX20MIMO	Ant1	2437	18.462	2427.6893	2446.1508	---	---
11AX20MIMO	Ant2	2437	18.462	2427.8492	2446.3107	---	---
11AX20MIMO	Ant1	2462	18.382	2452.7692	2471.1508	---	---
11AX20MIMO	Ant2	2462	18.382	2452.8492	2471.2308	---	---
11AX40MIMO	Ant1	2422	37.163	2403.2188	2440.3816	---	---
11AX40MIMO	Ant2	2422	37.403	2403.2188	2440.6214	---	---
11AX40MIMO	Ant1	2437	37.003	2418.3786	2455.3816	---	---
11AX40MIMO	Ant2	2437	36.923	2418.8581	2455.7812	---	---
11AX40MIMO	Ant1	2452	37.003	2433.4585	2470.4615	---	---
11AX40MIMO	Ant2	2452	36.603	2434.1778	2470.7812	---	---

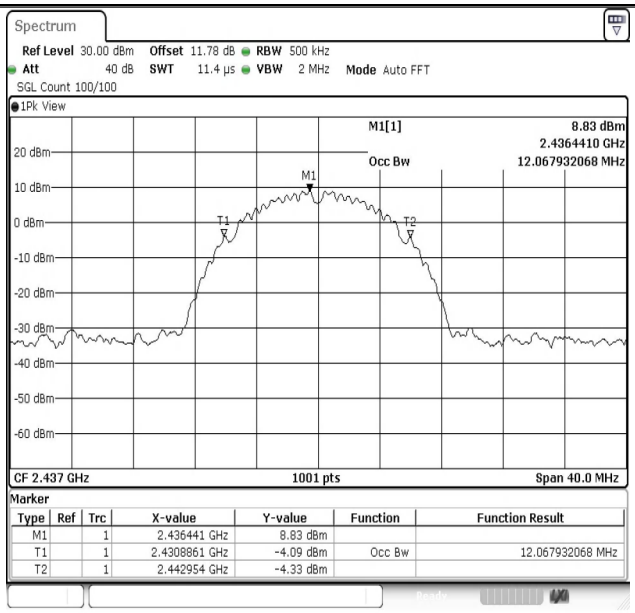
Test Graphs



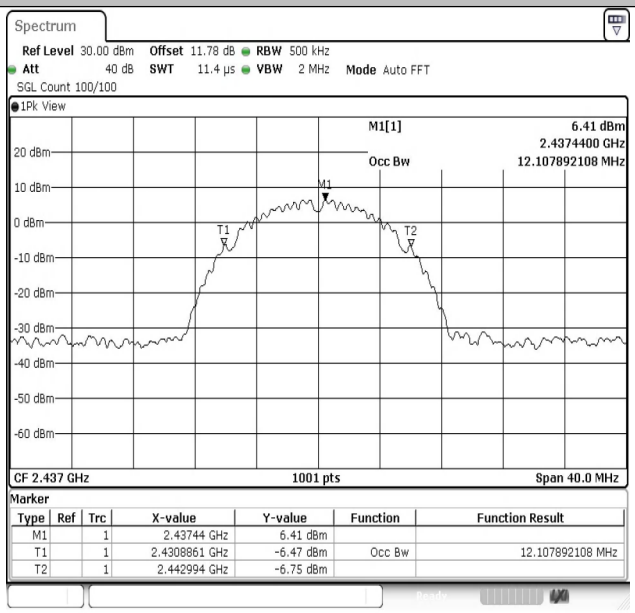
11B-Ant1-2412



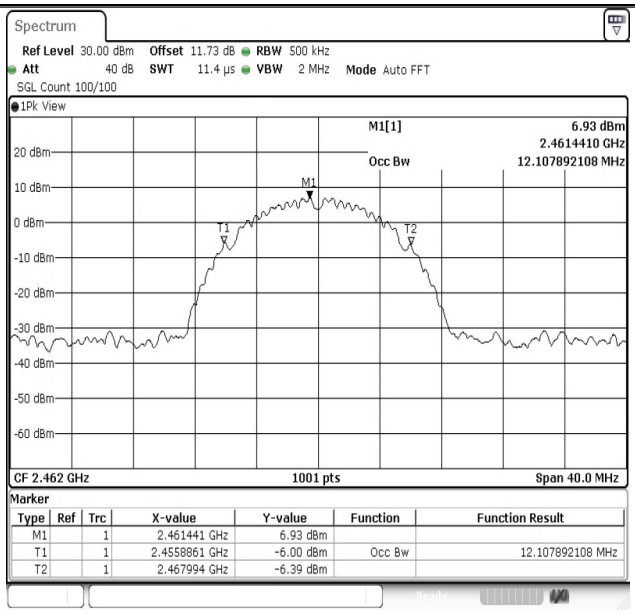
11B-Ant2-2412



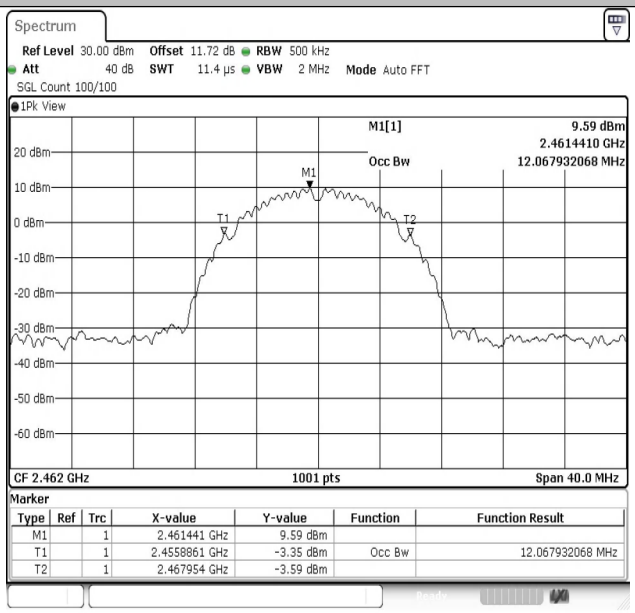
11B-Ant2-2437



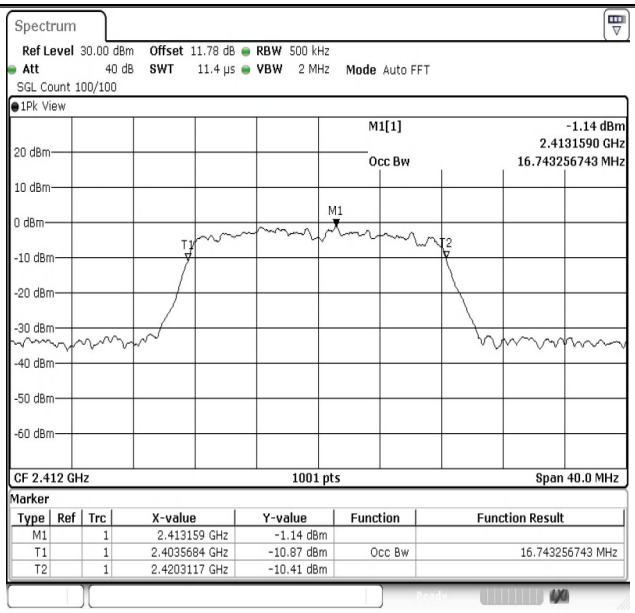
11B-Ant1-2437



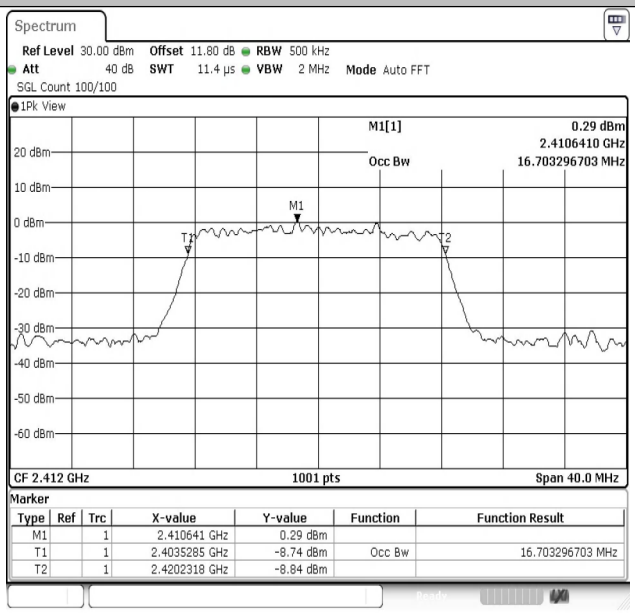
11B-Ant1-2462



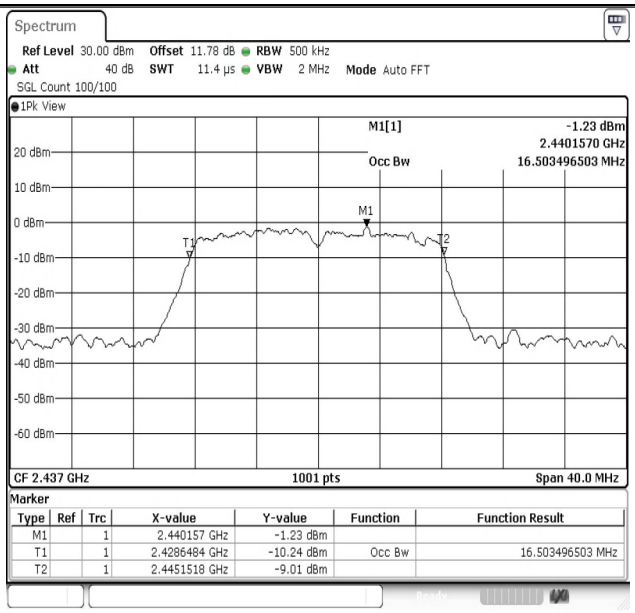
11B-Ant2-2462



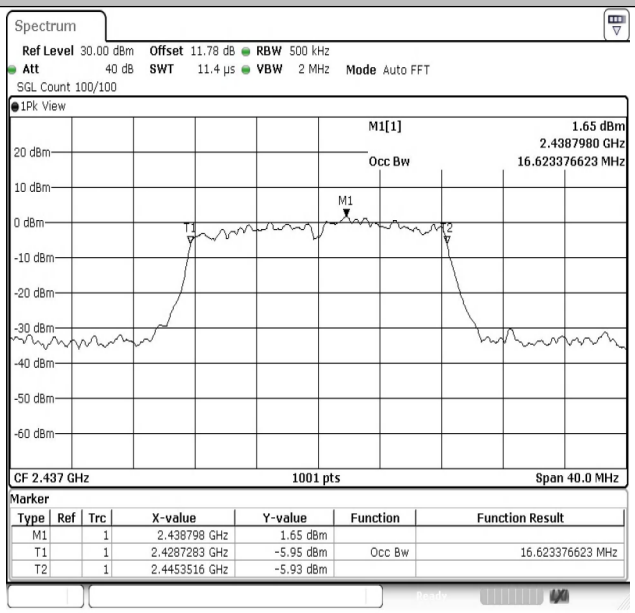
11G-Ant1-2412



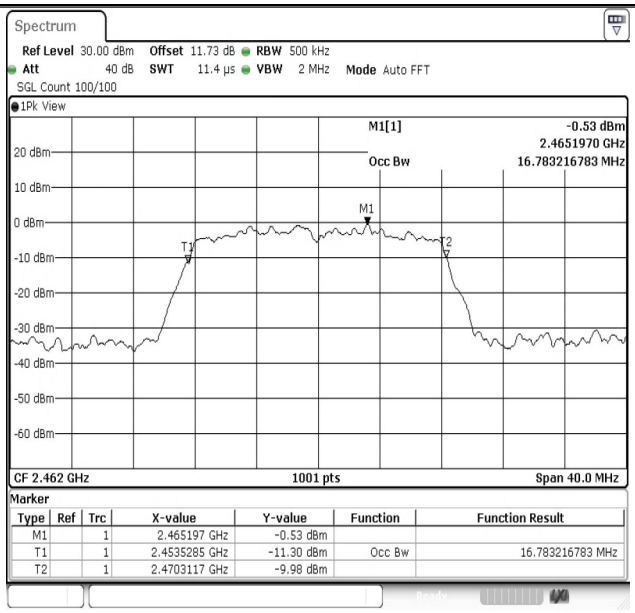
11G-Ant2-2412



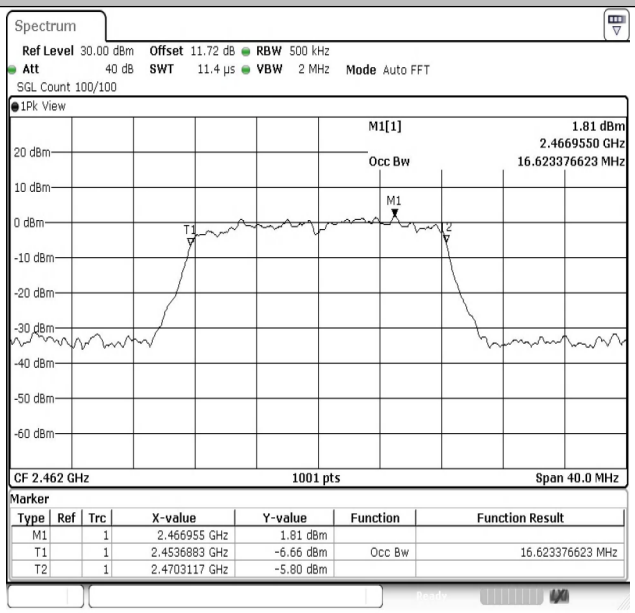
11G-Ant1-2437



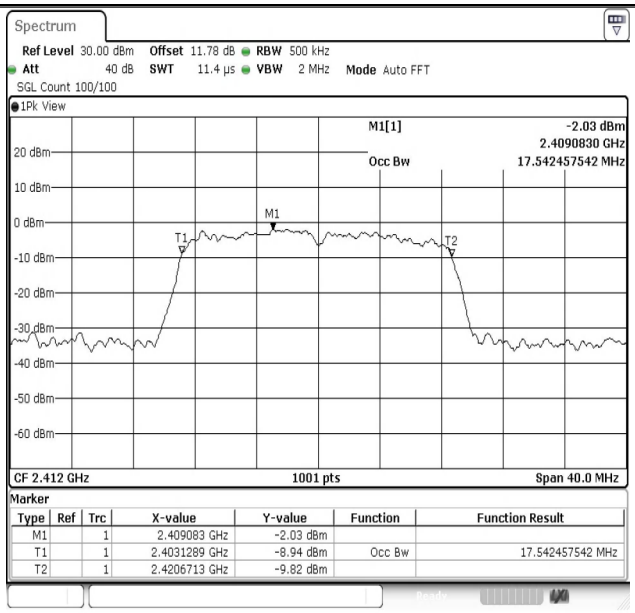
11G-Ant2-2437



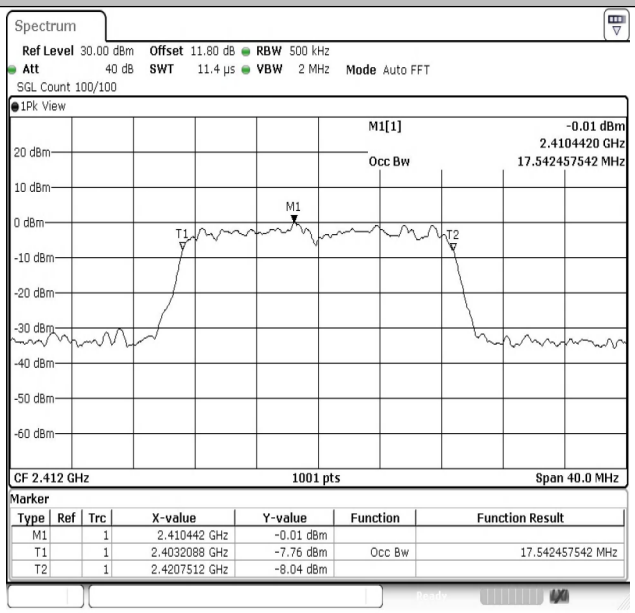
11G-Ant1-2462



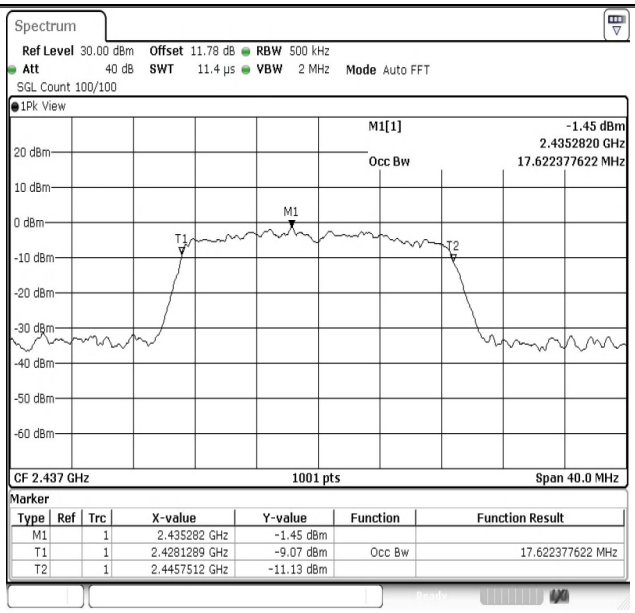
11G-Ant2-2462



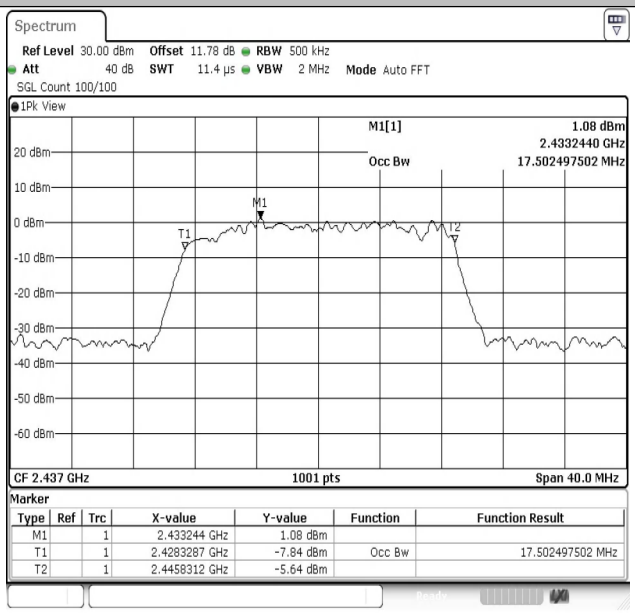
11N20MIMO-Ant1-2412



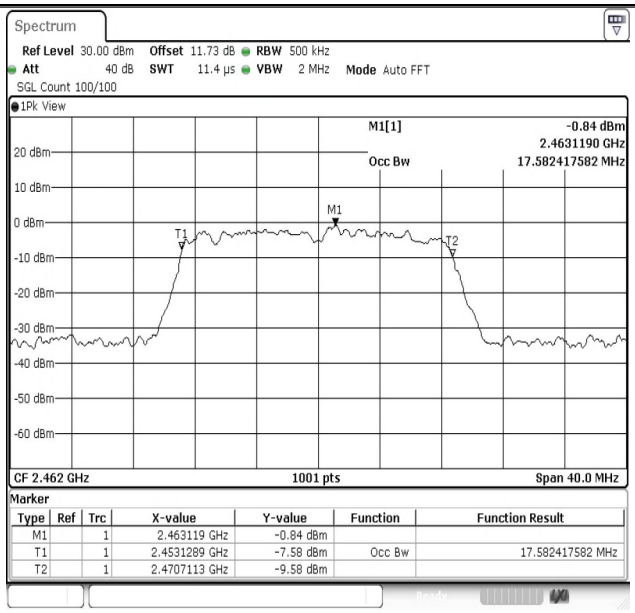
11N20MIMO-Ant2-2412



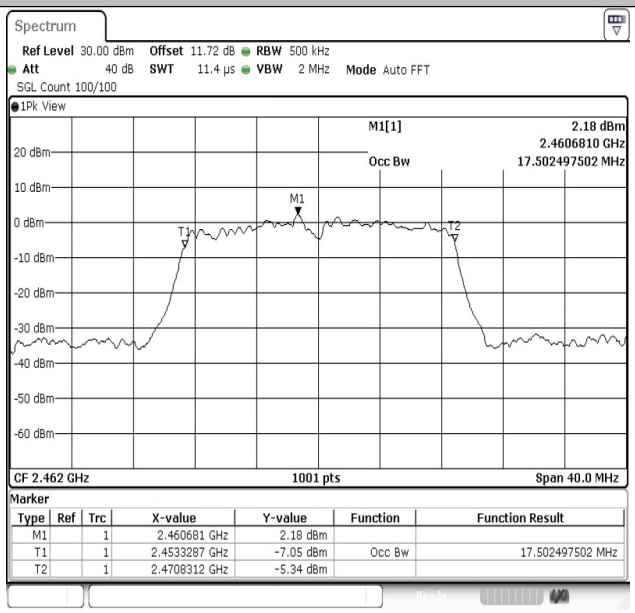
11N20MIMO-Ant1-2437



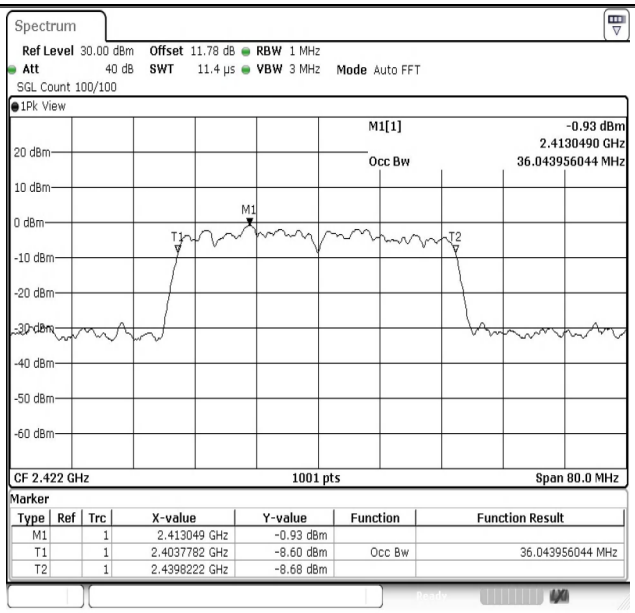
11N20MIMO-Ant2-2437



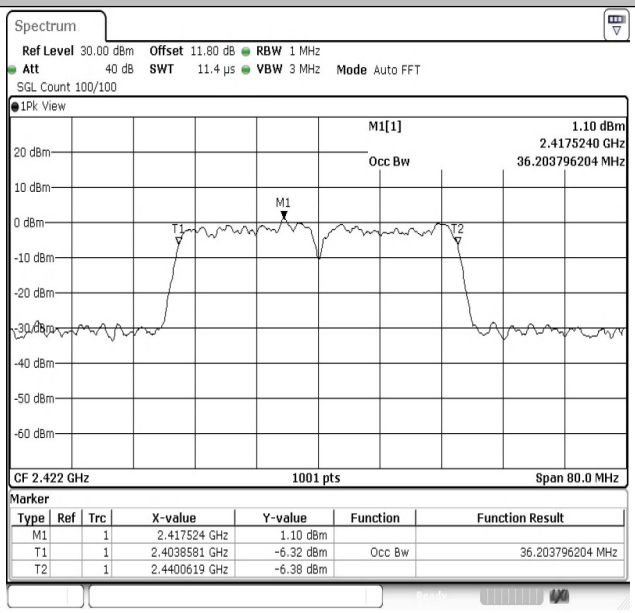
11N20MIMO-Ant1-2462



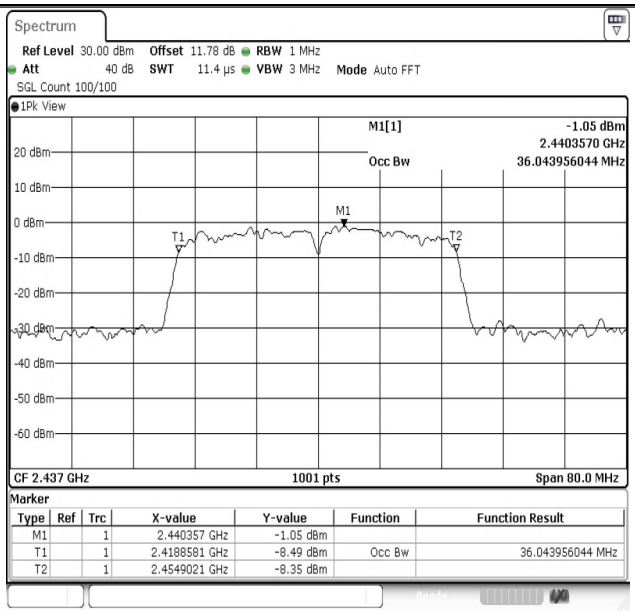
11N20MIMO-Ant2-2462



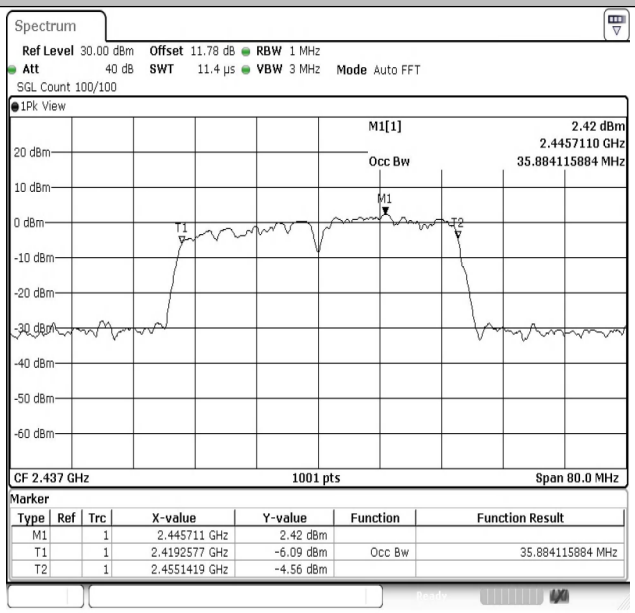
11N40MIMO-Ant1-2422



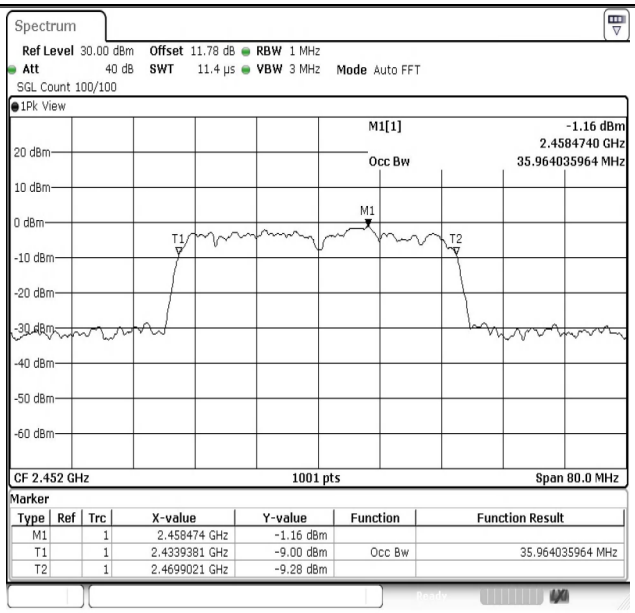
11N40MIMO-Ant2-2422



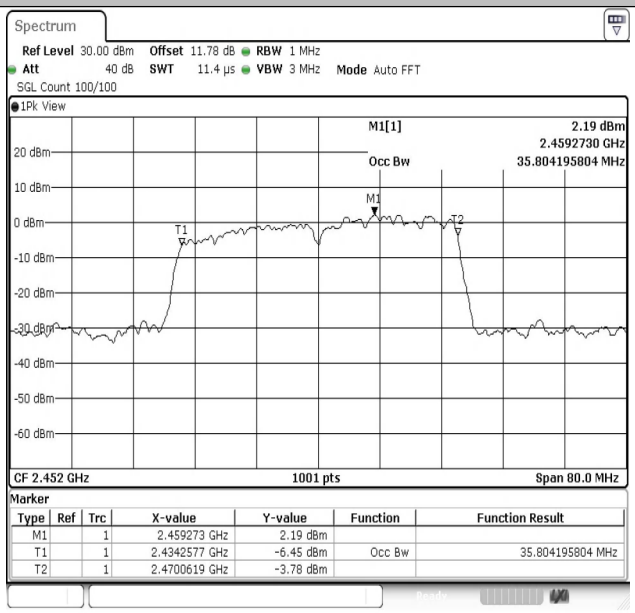
11N40MIMO-Ant1-2437



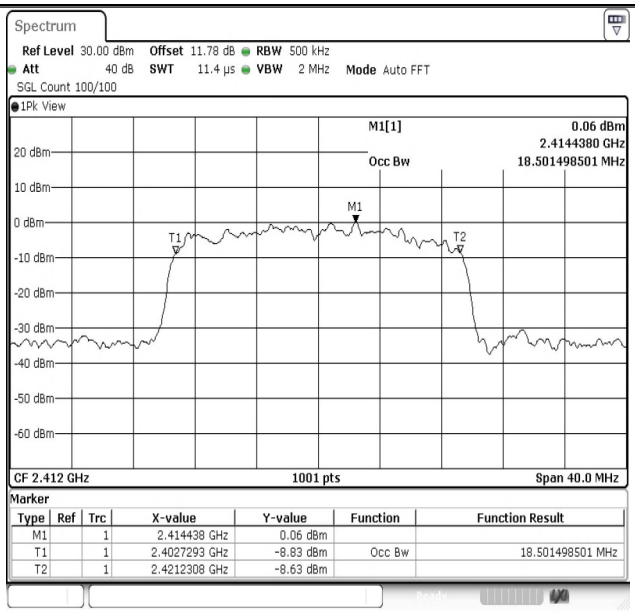
11N40MIMO-Ant2-2437



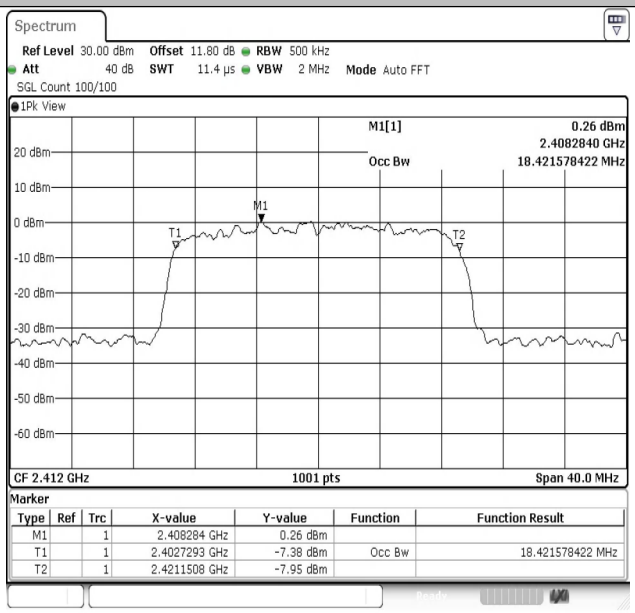
11N40MIMO-Ant1-2452



11N40MIMO-Ant2-2452



11AX20MIMO-Ant1-2412



11AX20MIMO-Ant2-2412