Appendix Test Data

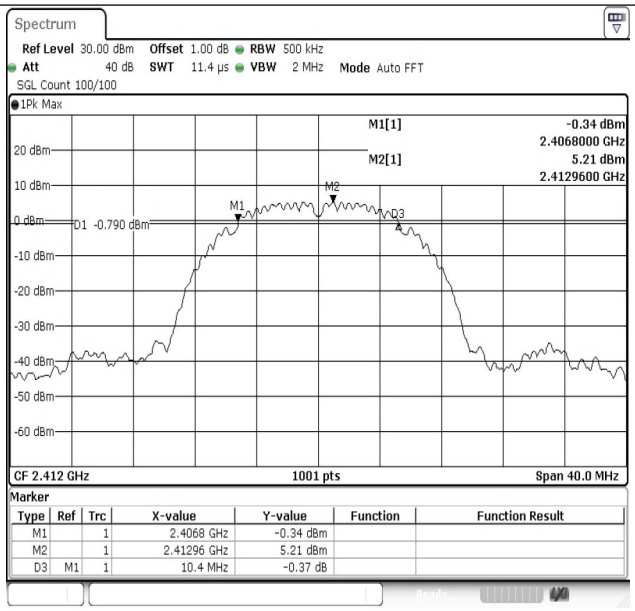
Report No.:	1821C50010612503	Test Sample No.:	1-2-2
Start Test Date:	2025-5-19	Finish Test Date:	2025-5-26
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	25.1℃	Relative Humidity:	56%
Pressure:	101kPa		

Appendix A: 6dB Bandwidth

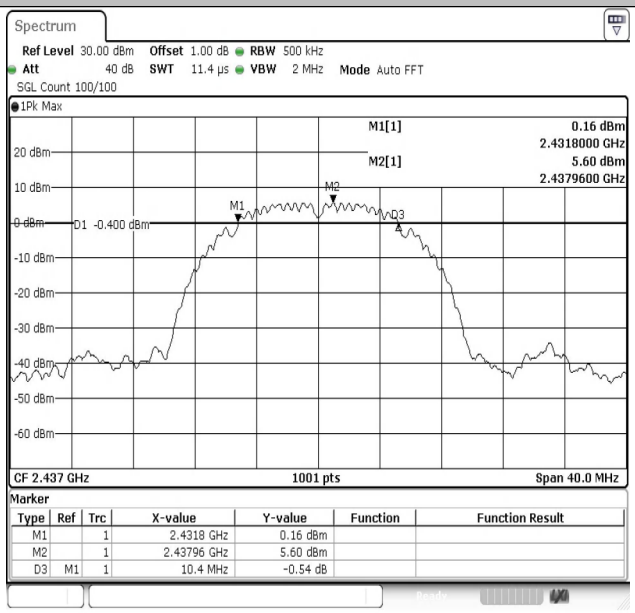
Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.40	2406.80	2417.20	0.5	PASS
11B	Ant1	2437	10.40	2431.80	2442.20	0.5	PASS
11B	Ant1	2462	10.40	2456.80	2467.20	0.5	PASS
11G	Ant1	2412	15.64	2404.24	2419.88	0.5	PASS
11G	Ant1	2437	14.40	2430.00	2444.40	0.5	PASS
11G	Ant1	2462	11.96	2455.92	2467.88	0.5	PASS
11N20SISO	Ant1	2412	16.12	2403.88	2420.00	0.5	PASS
11N20SISO	Ant1	2437	16.04	2429.00	2445.04	0.5	PASS
11N20SISO	Ant1	2462	15.40	2454.36	2469.76	0.5	PASS
11N40SISO	Ant1	2422	35.68	2404.24	2439.92	0.5	PASS
11N40SISO	Ant1	2437	34.24	2420.28	2454.52	0.5	PASS
11N40SISO	Ant1	2452	34.88	2434.40	2469.28	0.5	PASS
11AX20SISO	Ant1	2412	11.20	2406.88	2418.08	0.5	PASS
11AX20SISO	Ant1	2437	14.00	2429.20	2443.20	0.5	PASS
11AX20SISO	Ant1	2462	17.04	2453.28	2470.32	0.5	PASS
11AX40SISO	Ant1	2422	27.92	2410.16	2438.08	0.5	PASS
11AX40SISO	Ant1	2437	26.96	2424.44	2451.40	0.5	PASS
11AX40SISO	Ant1	2452	29.44	2437.60	2467.04	0.5	PASS

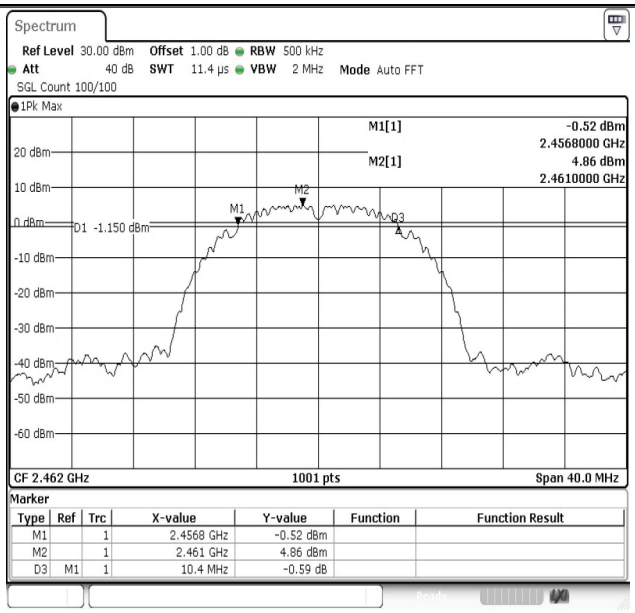
Test Graphs



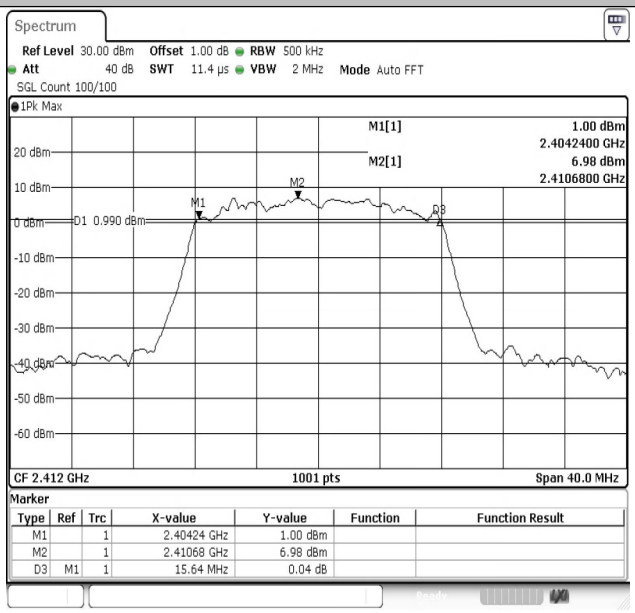
11B-Ant1-2412-PASS



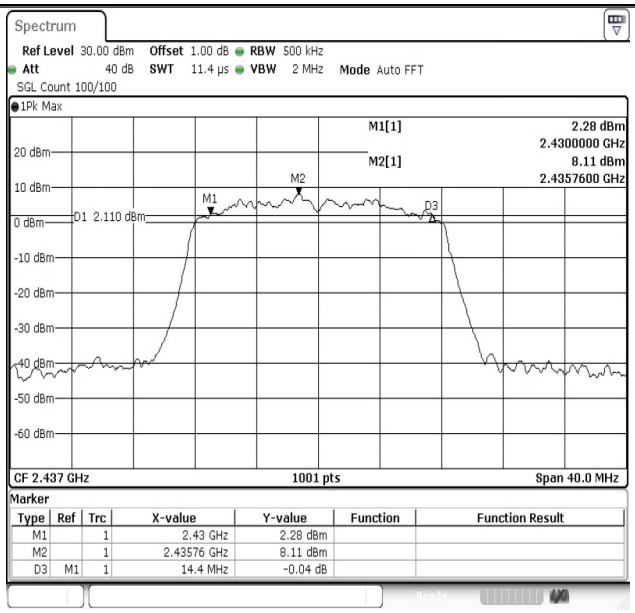
11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



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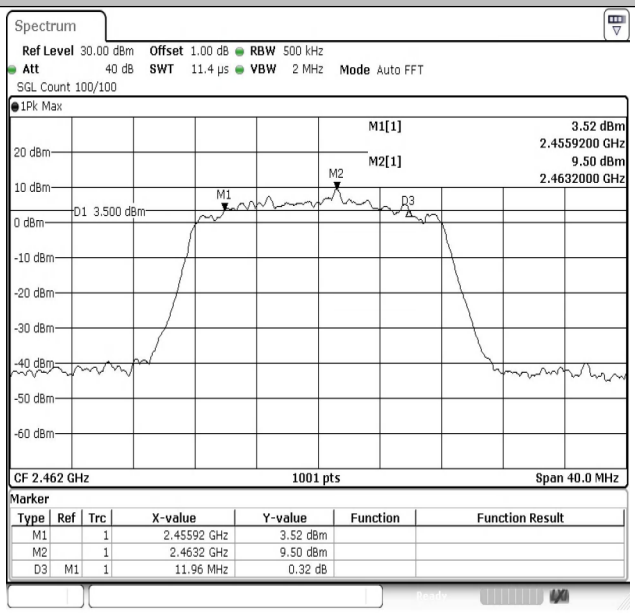
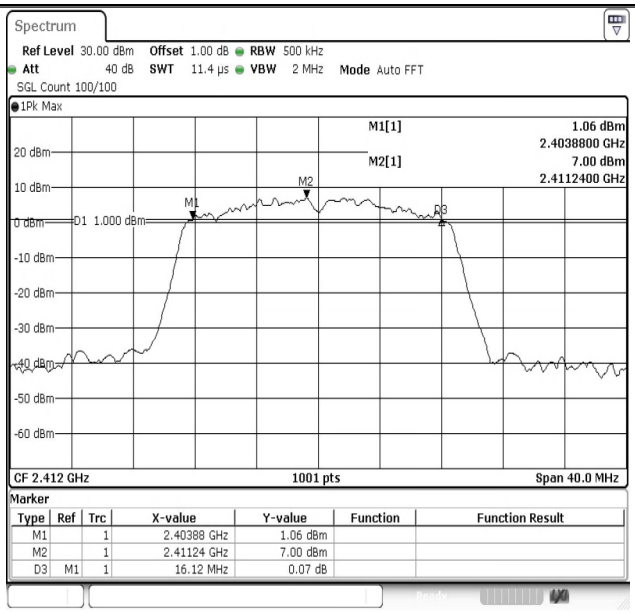
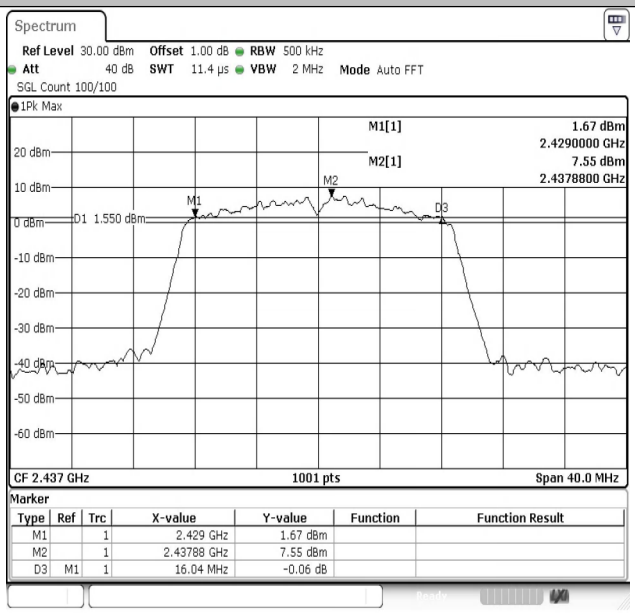


11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



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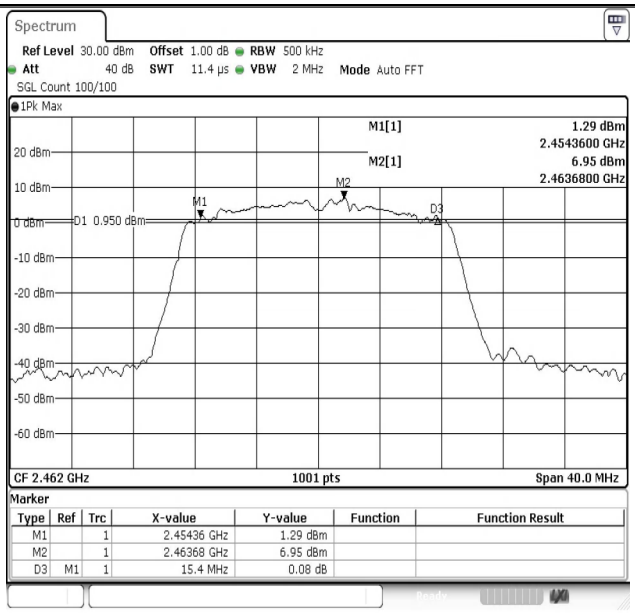

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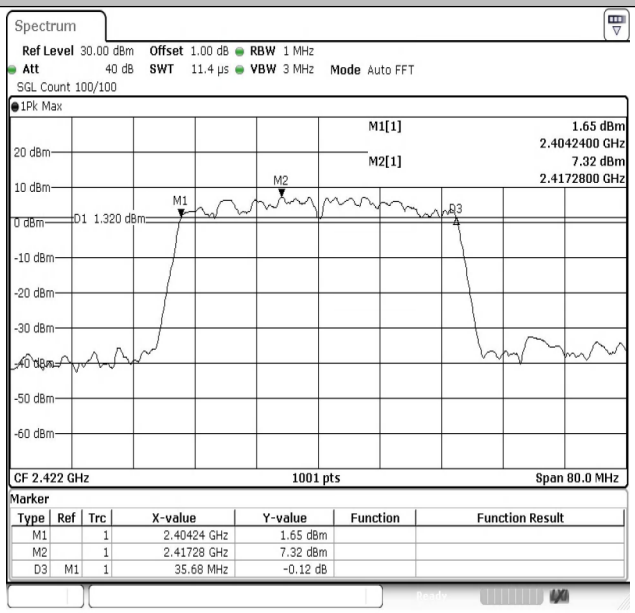

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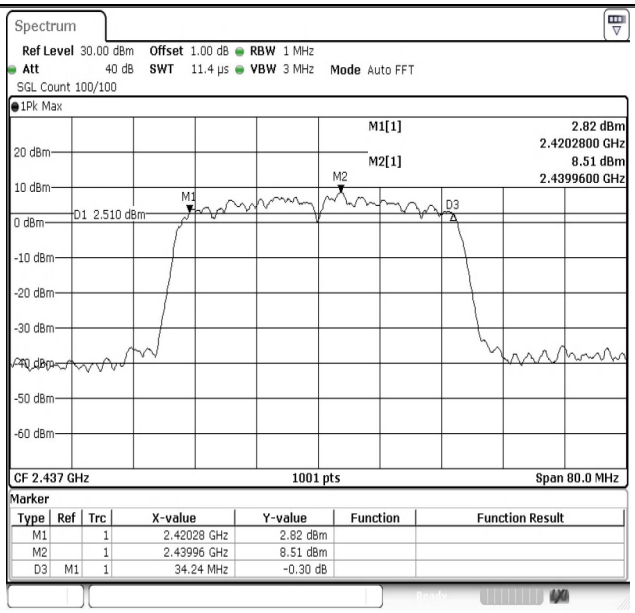
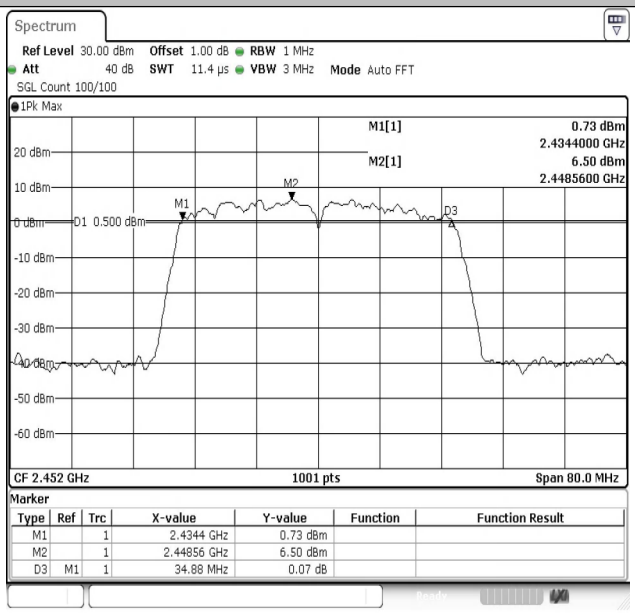
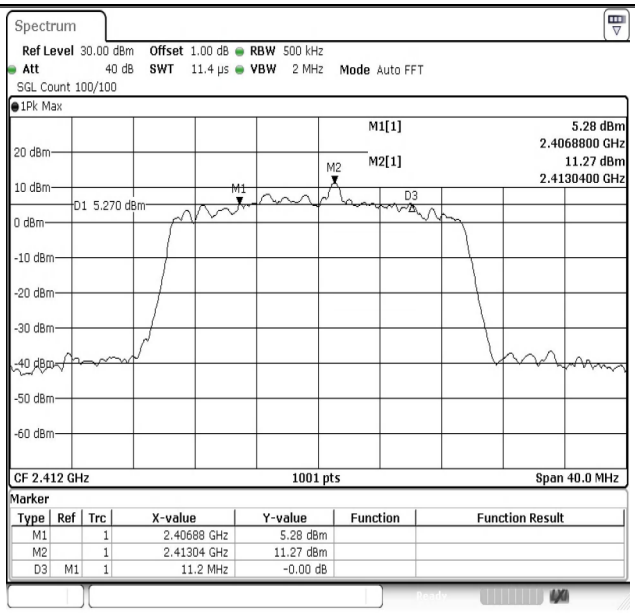


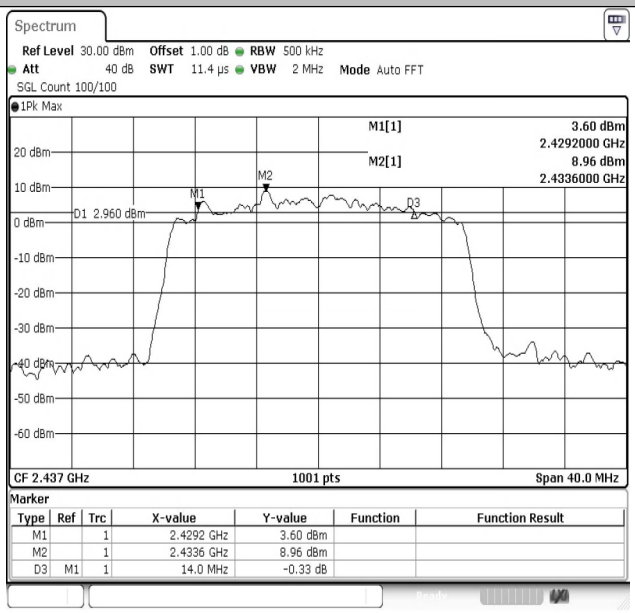
11N40SISO-Ant1-2437-PASS



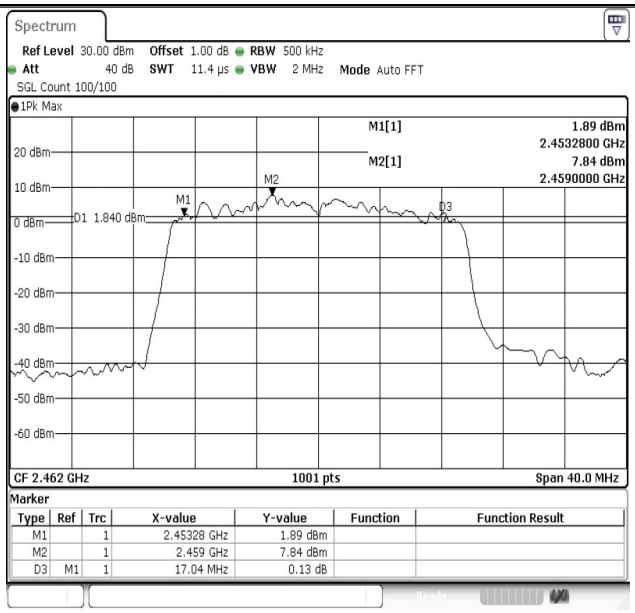
11N40SISO-Ant1-2452-PASS



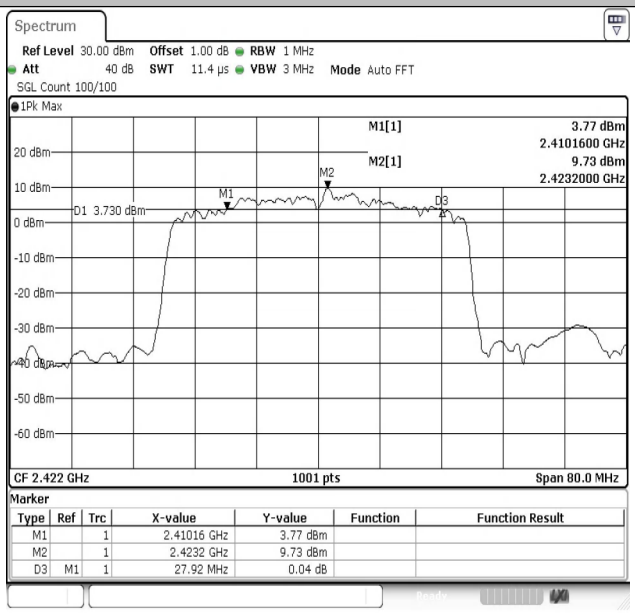
11AX20SISO-Ant1-2412-PASS



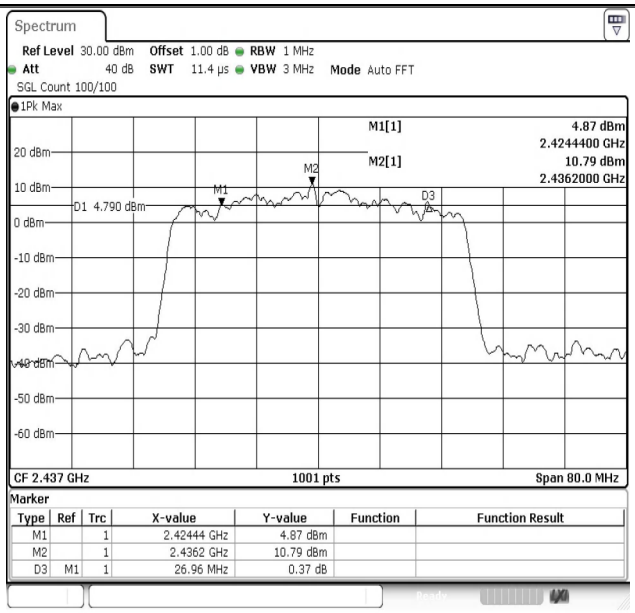
11AX20SISO-Ant1-2437-PASS



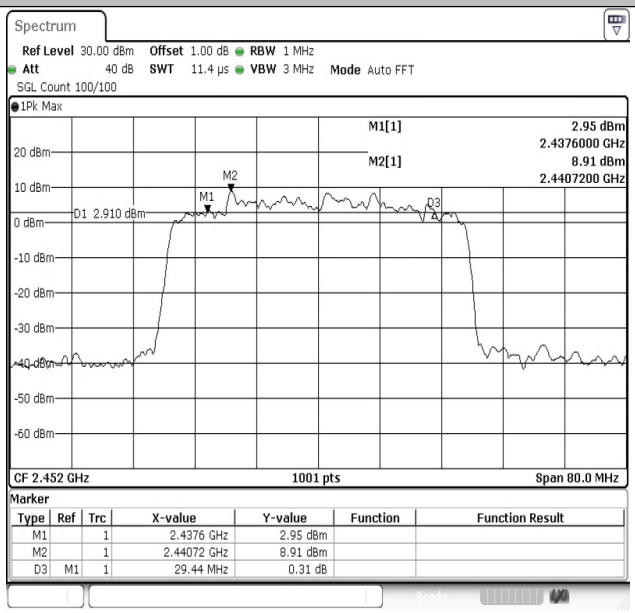
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



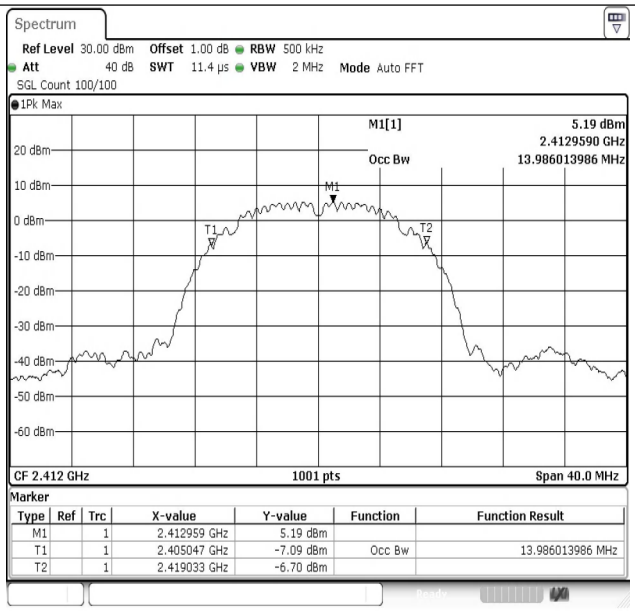
11AX40SISO-Ant1-2452-PASS

Appendix B: 99% Occupied Bandwidth

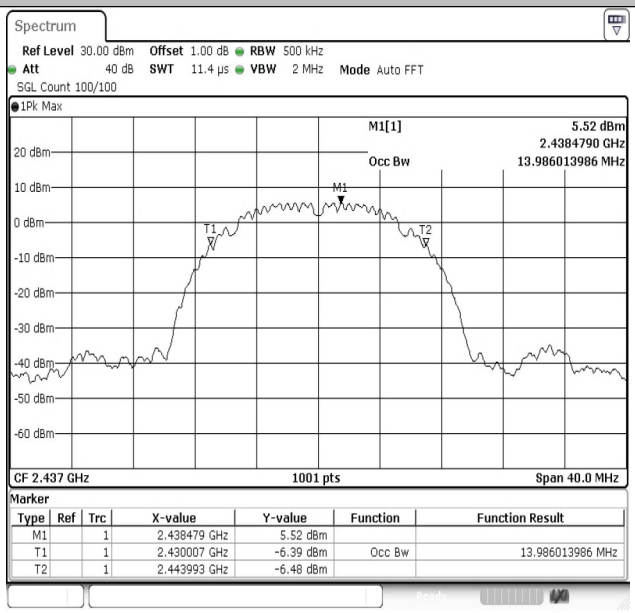
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.986	2405.0470	2419.0330	---	---
11B	Ant1	2437	13.986	2430.0070	2443.9930	---	---
11B	Ant1	2462	13.946	2455.0070	2468.9530	---	---
11G	Ant1	2412	16.184	2403.8881	2420.0719	---	---
11G	Ant1	2437	16.264	2428.8482	2445.1119	---	---
11G	Ant1	2462	16.184	2453.8482	2470.0320	---	---
11N20SISO	Ant1	2412	17.343	2403.3287	2420.6713	---	---
11N20SISO	Ant1	2437	17.263	2428.3686	2445.6314	---	---
11N20SISO	Ant1	2462	17.423	2453.2488	2470.6713	---	---
11N40SISO	Ant1	2422	35.884	2404.0180	2439.9021	---	---
11N40SISO	Ant1	2437	35.884	2419.0180	2454.9021	---	---
11N40SISO	Ant1	2452	35.644	2434.2577	2469.9021	---	---
11AX20SISO	Ant1	2412	18.661	2402.6494	2421.3107	---	---
11AX20SISO	Ant1	2437	18.661	2427.6494	2446.3107	---	---
11AX20SISO	Ant1	2462	18.581	2452.6494	2471.2308	---	---
11AX40SISO	Ant1	2422	37.483	2403.2987	2440.7812	---	---
11AX40SISO	Ant1	2437	37.483	2418.2987	2455.7812	---	---
11AX40SISO	Ant1	2452	37.403	2433.2987	2470.7013	---	---

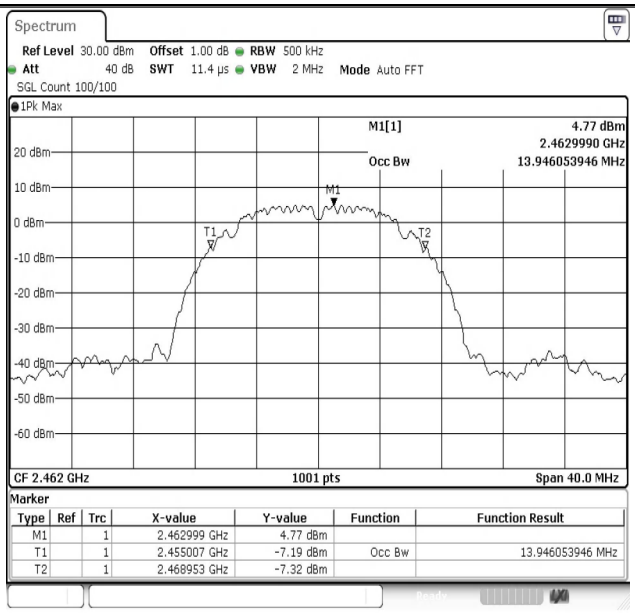
Test Graphs



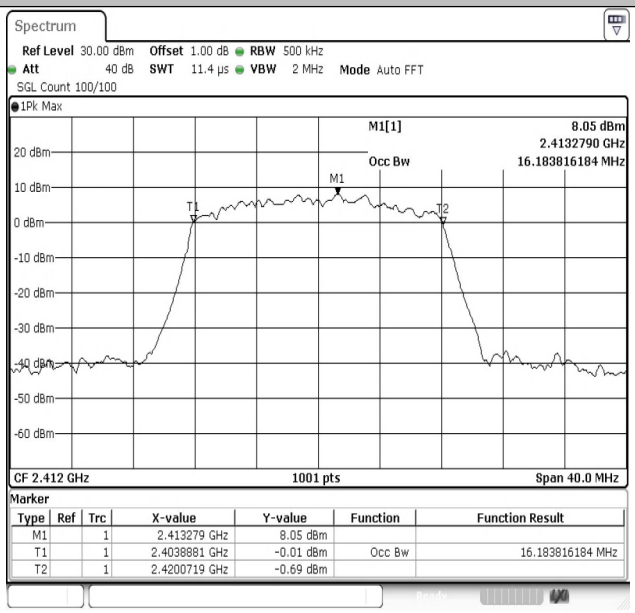
11B-Ant1-2412



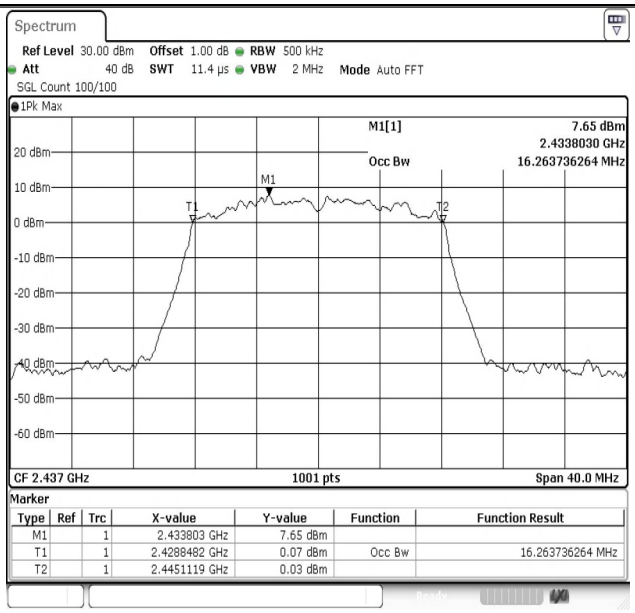
11B-Ant1-2437



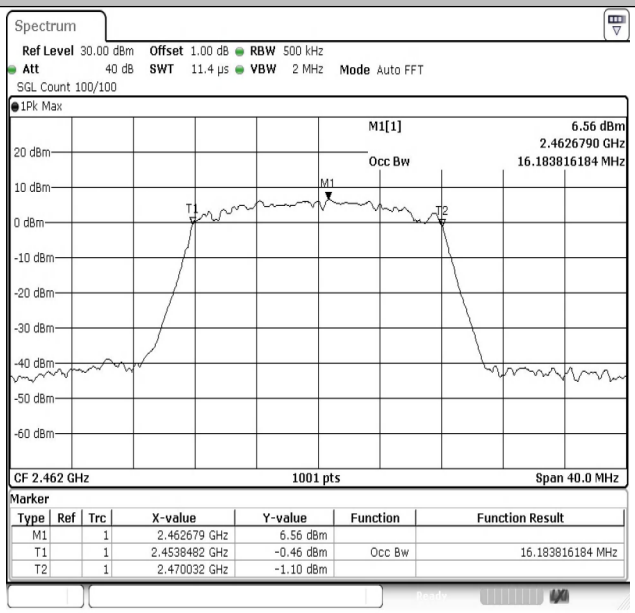
11B-Ant1-2462



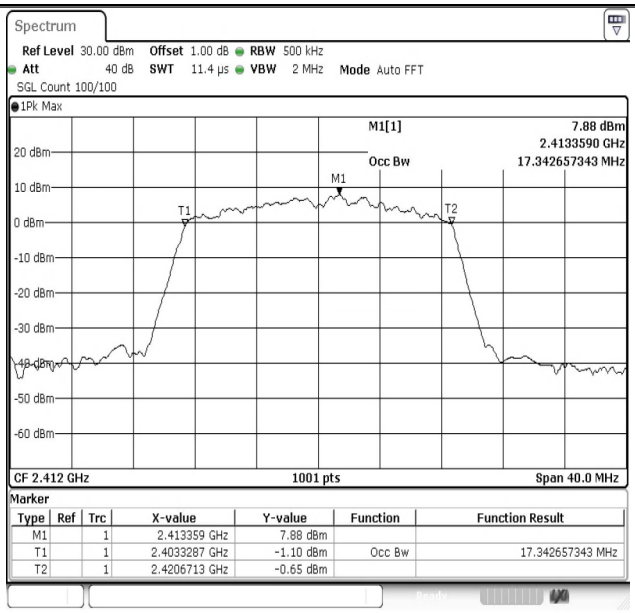
11G-Ant1-2412



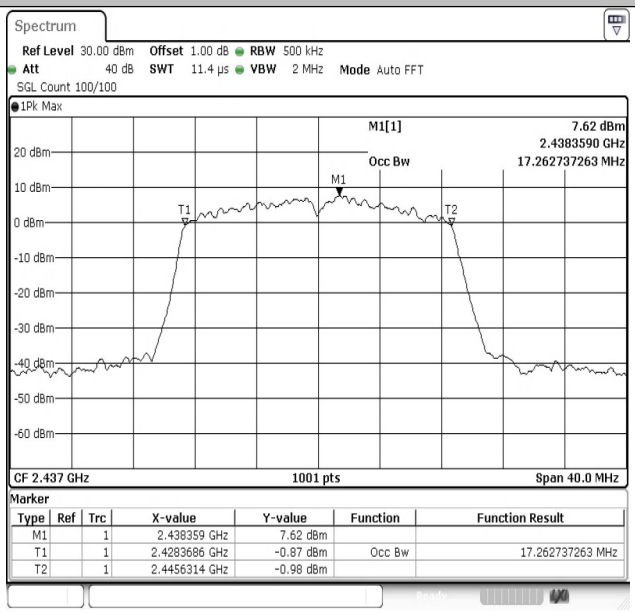
11G-Ant1-2437



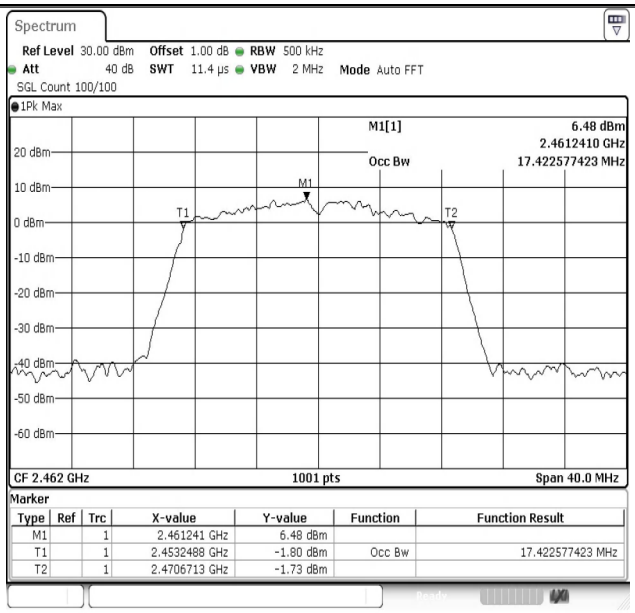
11G-Ant1-2462



11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



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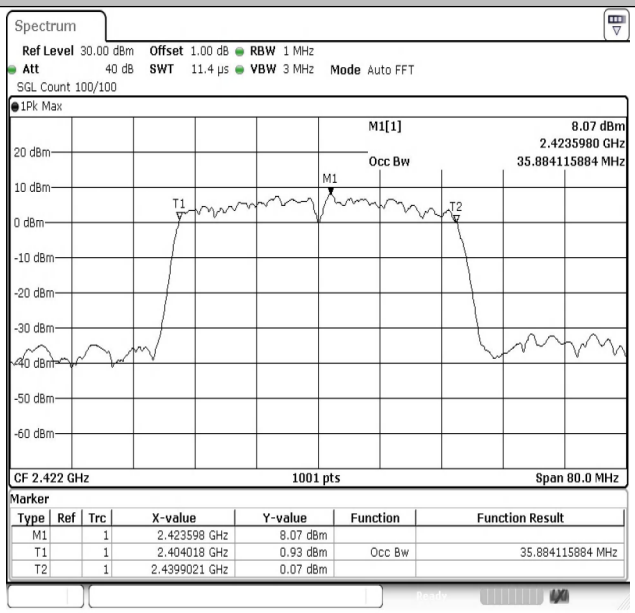

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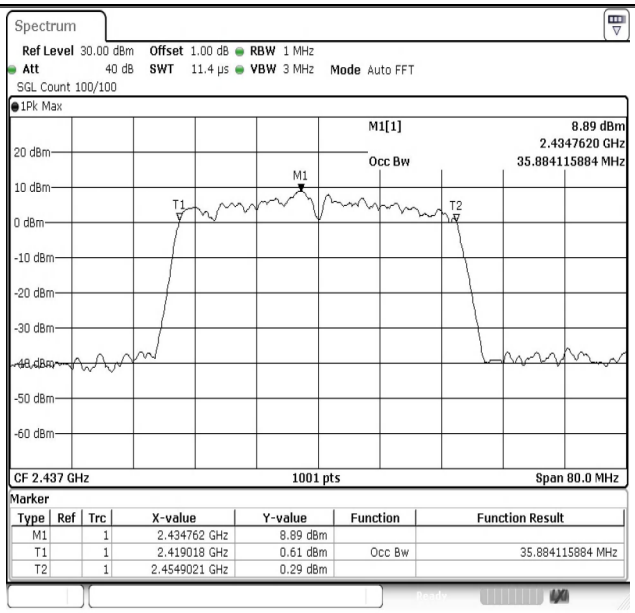

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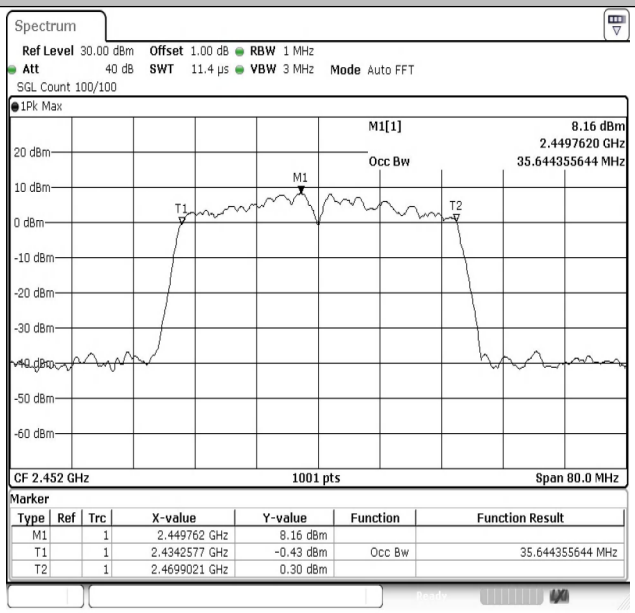

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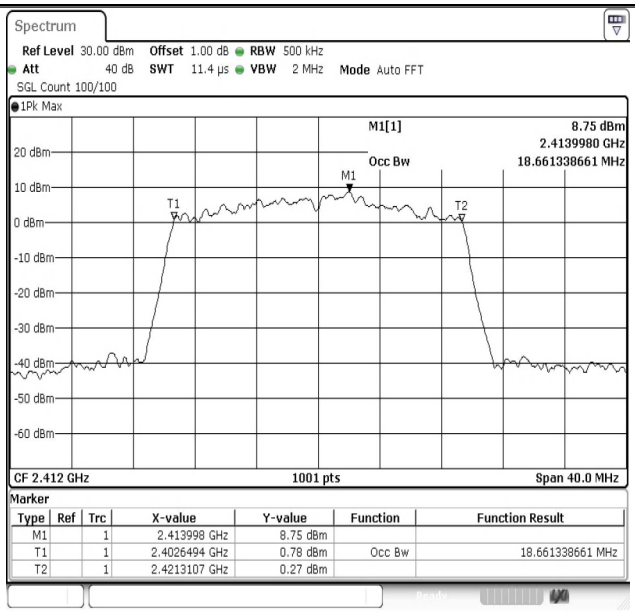
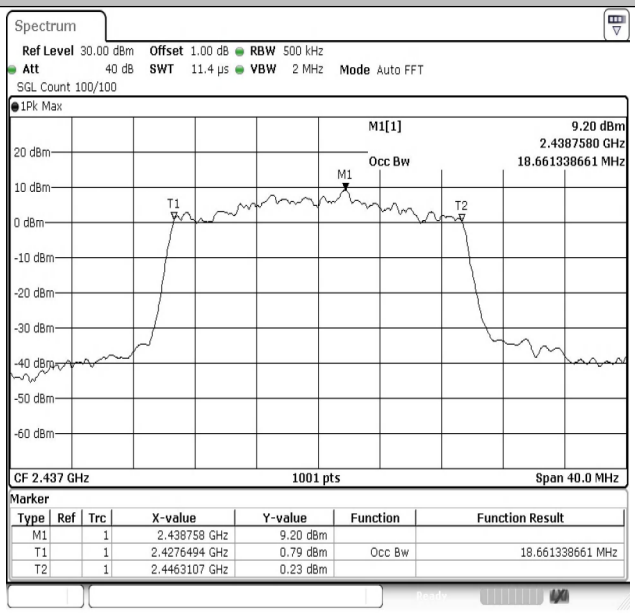
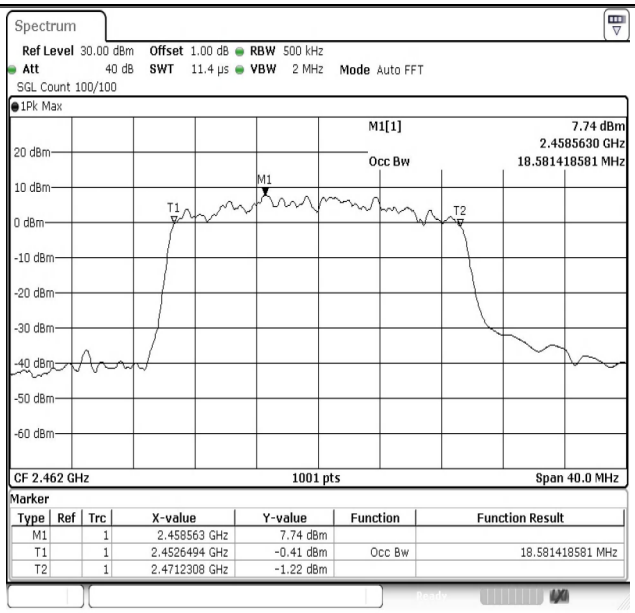


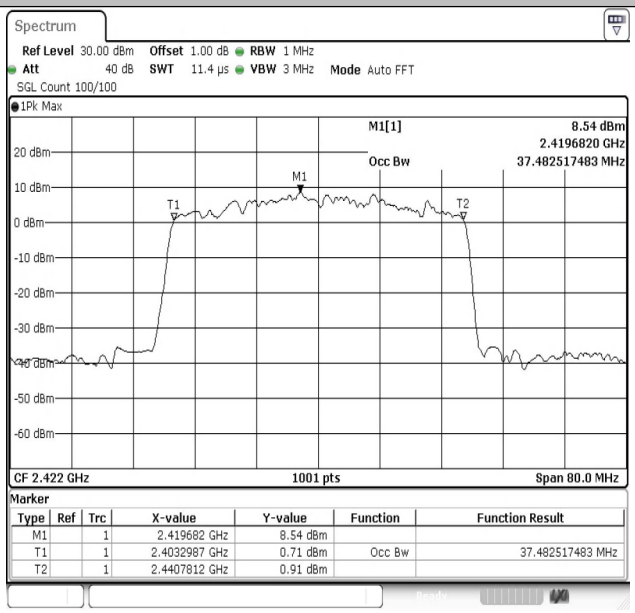
11AX20SISO-Ant1-2412



11AX20SISO-Ant1-2437



11AX20SISO-Ant1-2462



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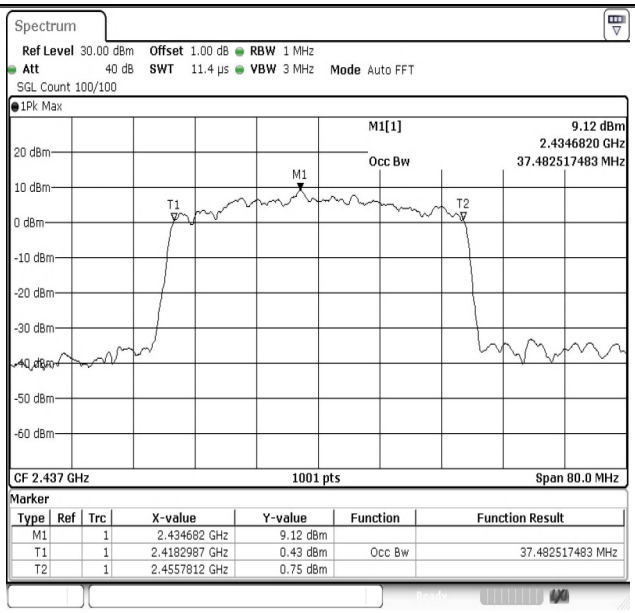
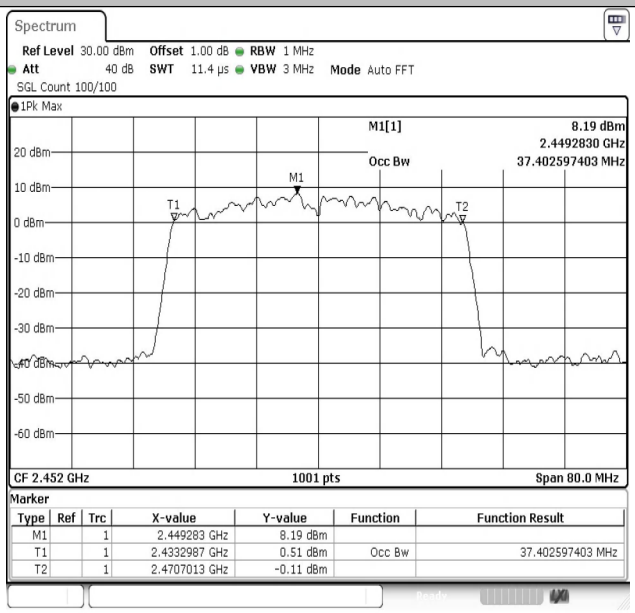


11AX40SISO-Ant1-2437



11AX40SISO-Ant1-2452

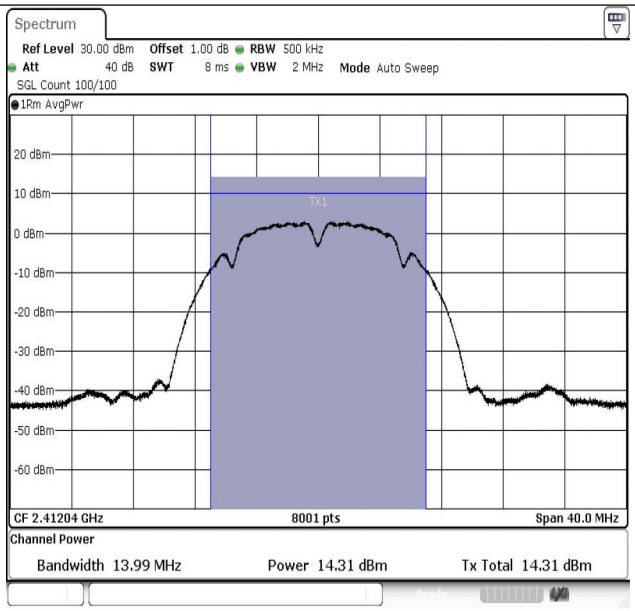
Appendix C: Maximum conducted output power

Test Result Average

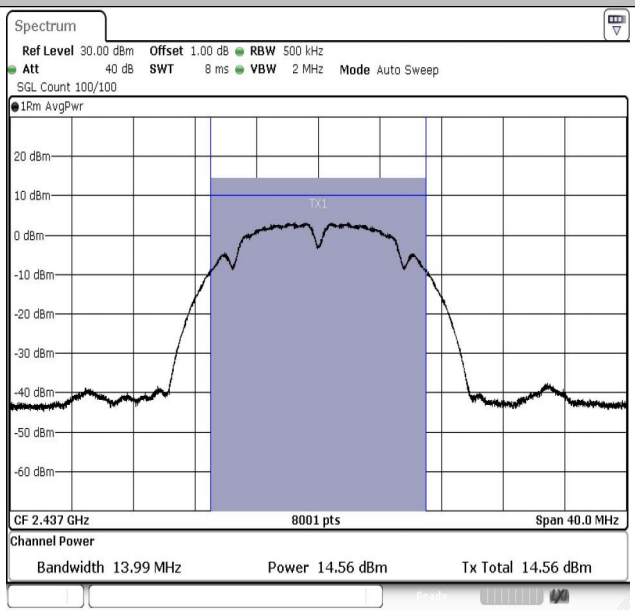
Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.31	100.00	0.00	14.31	≤30.00	PASS
11B	Ant1	2437	14.56	100.00	0.00	**14.56**	≤30.00	PASS
11B	Ant1	2462	13.90	100.00	0.00	13.90	≤30.00	PASS
11G	Ant1	2412	14.13	100.00	0.00	14.13	≤30.00	PASS
11G	Ant1	2437	13.96	100.00	0.00	13.96	≤30.00	PASS
11G	Ant1	2462	13.53	100.00	0.00	13.53	≤30.00	PASS
11N20SISO	Ant1	2412	13.94	100.00	0.00	13.94	≤30.00	PASS
11N20SISO	Ant1	2437	13.80	100.00	0.00	13.80	≤30.00	PASS
11N20SISO	Ant1	2462	13.35	100.00	0.00	13.35	≤30.00	PASS
11N40SISO	Ant1	2422	13.92	100.00	0.00	13.92	≤30.00	PASS
11N40SISO	Ant1	2437	13.78	100.00	0.00	13.78	≤30.00	PASS
11N40SISO	Ant1	2452	13.45	100.00	0.00	13.45	≤30.00	PASS
11AX20SISO	Ant1	2412	13.77	100.00	0.00	13.77	≤30.00	PASS
11AX20SISO	Ant1	2437	13.42	100.00	0.00	13.42	≤30.00	PASS
11AX20SISO	Ant1	2462	13.20	100.00	0.00	13.20	≤30.00	PASS
11AX40SISO	Ant1	2422	13.89	100.00	0.00	13.89	≤30.00	PASS
11AX40SISO	Ant1	2437	13.77	100.00	0.00	13.77	≤30.00	PASS
11AX40SISO	Ant1	2452	13.45	100.00	0.00	13.45	≤30.00	PASS

Note：1. The cable loss are compensated in the graph

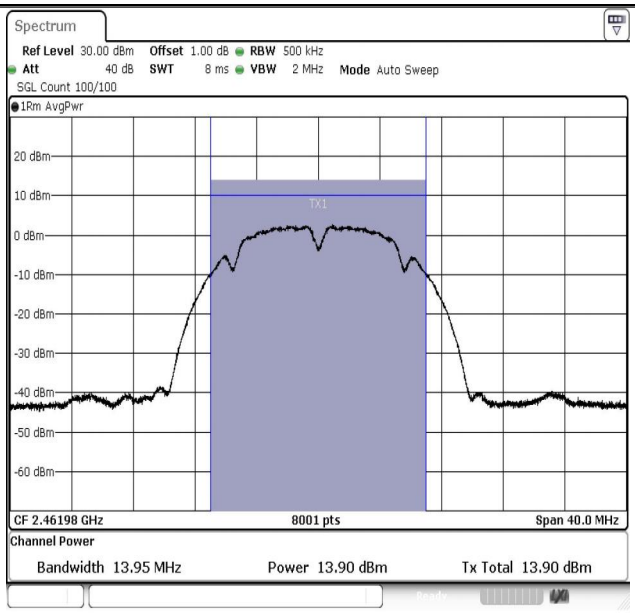
Test Graphs Average



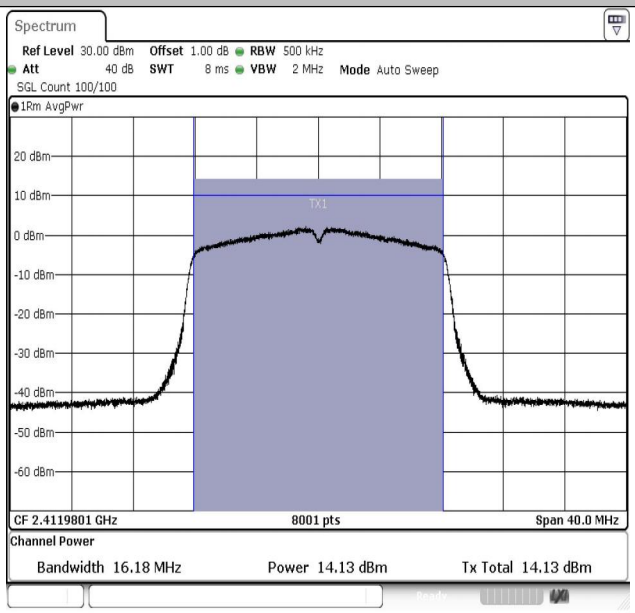
11B-Ant1-2412-PASS



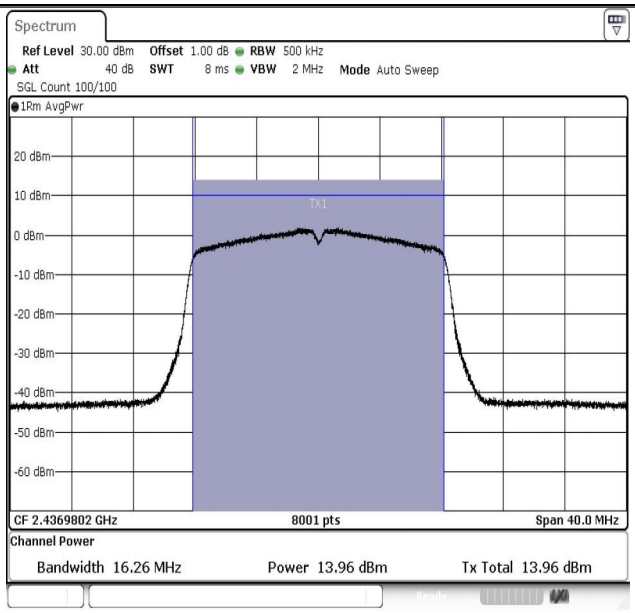
11B-Ant1-2437-PASS



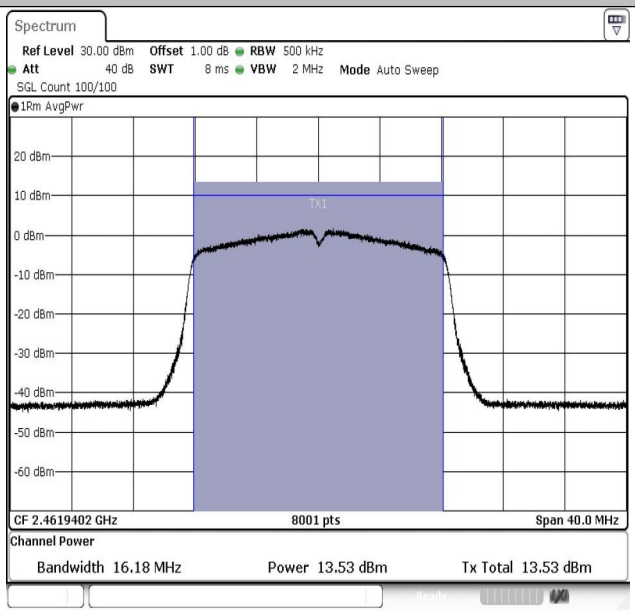
11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



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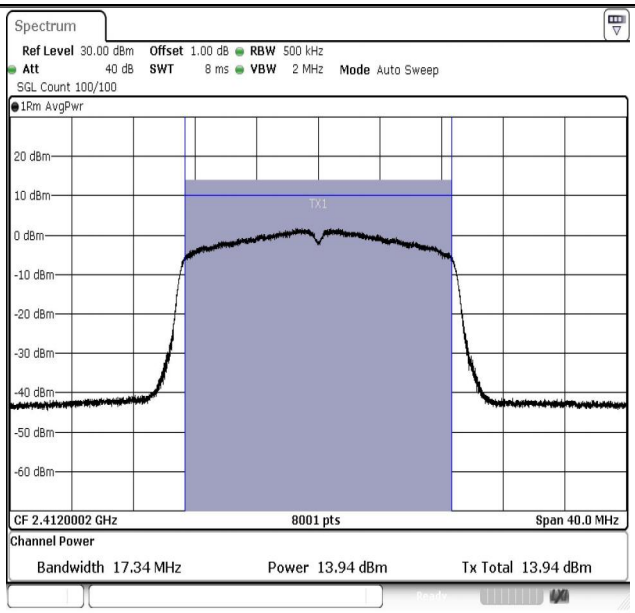
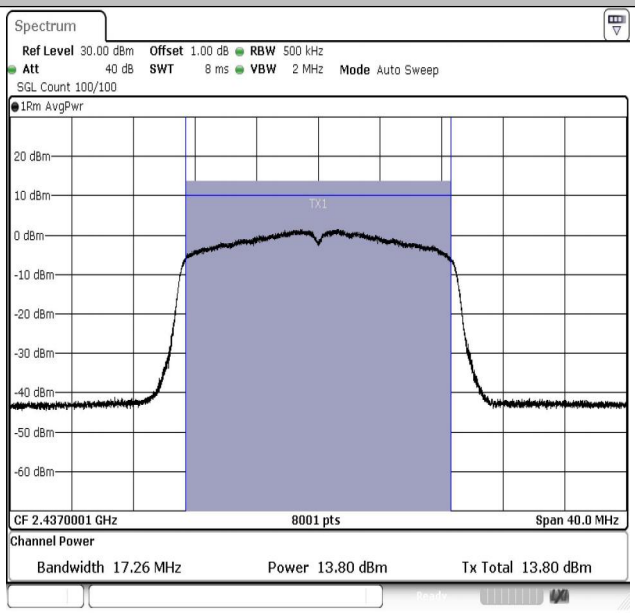


11N20SISO-Ant1-2412-PASS



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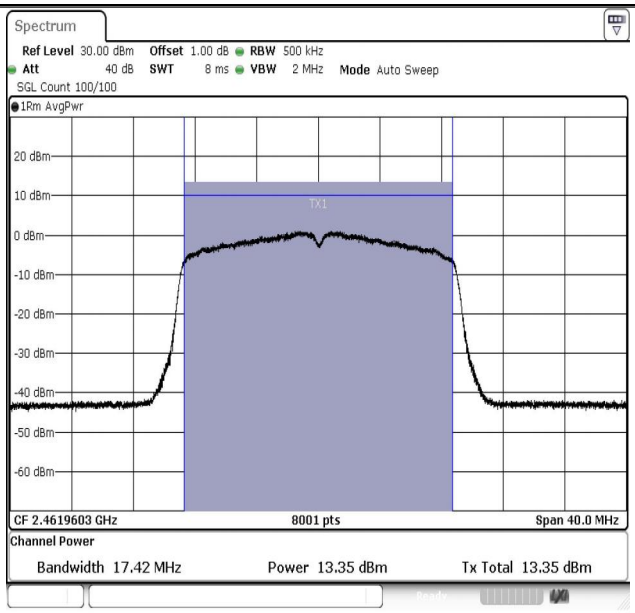

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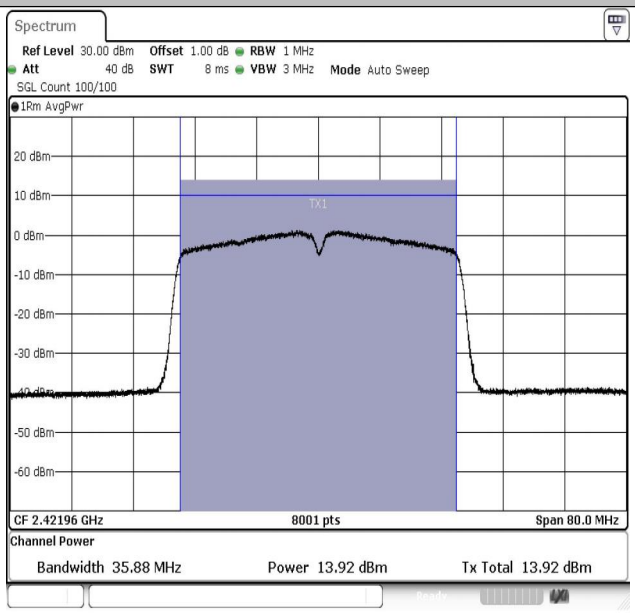

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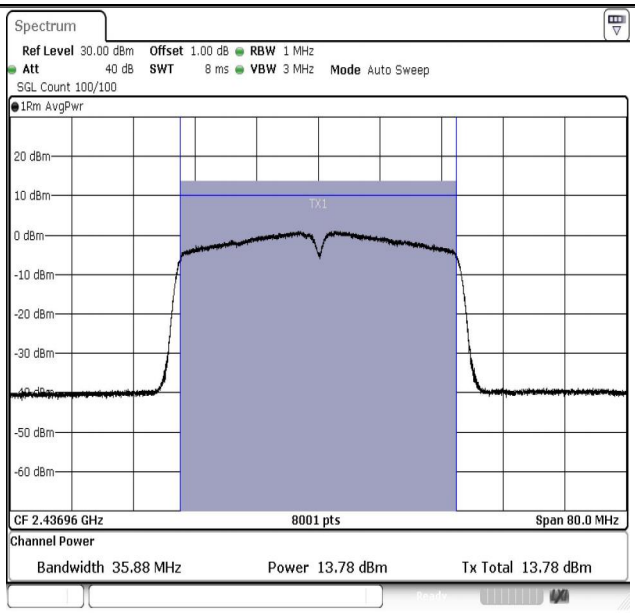
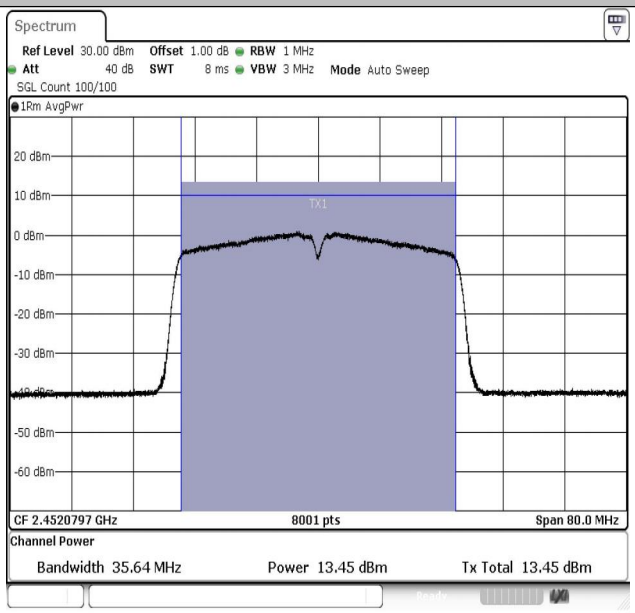


11N40SISO-Ant1-2437-PASS



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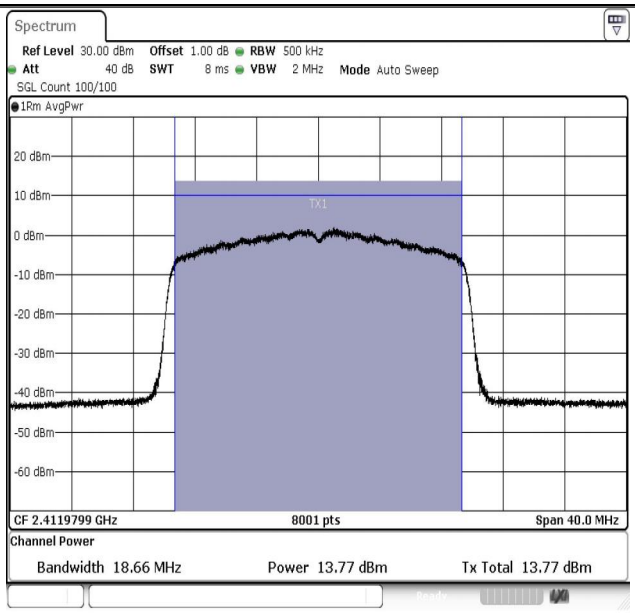
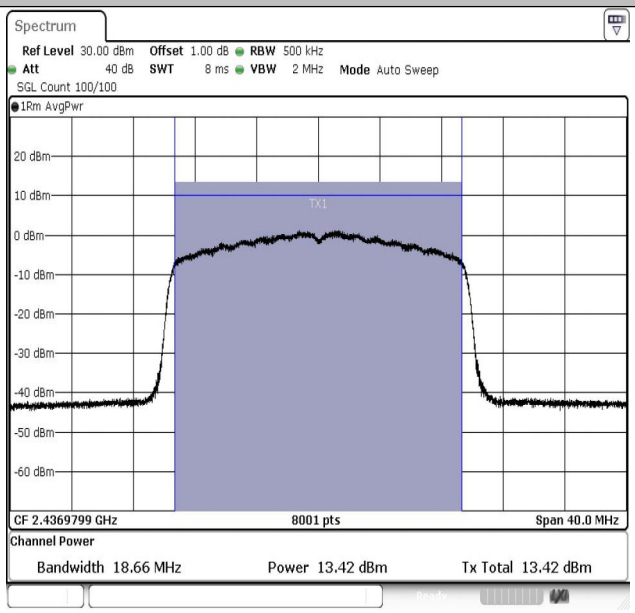


11AX20SISO-Ant1-2412-PASS



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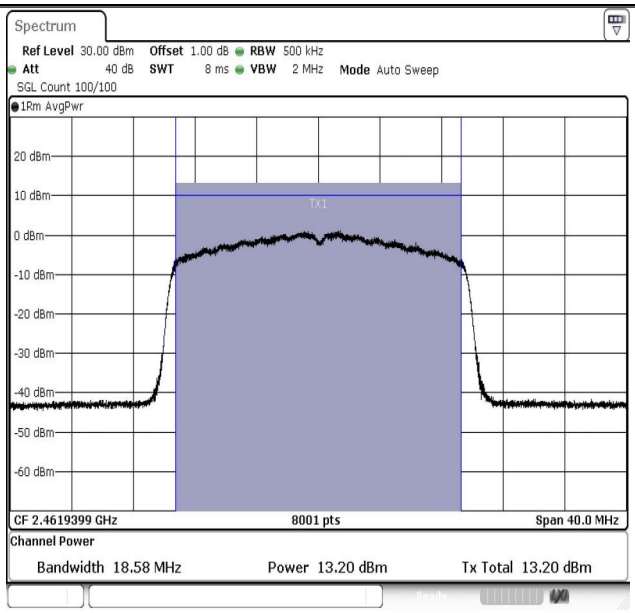
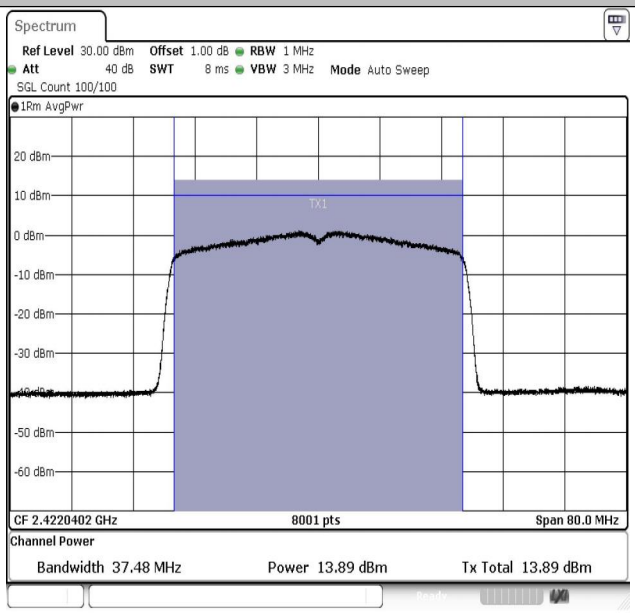


11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS