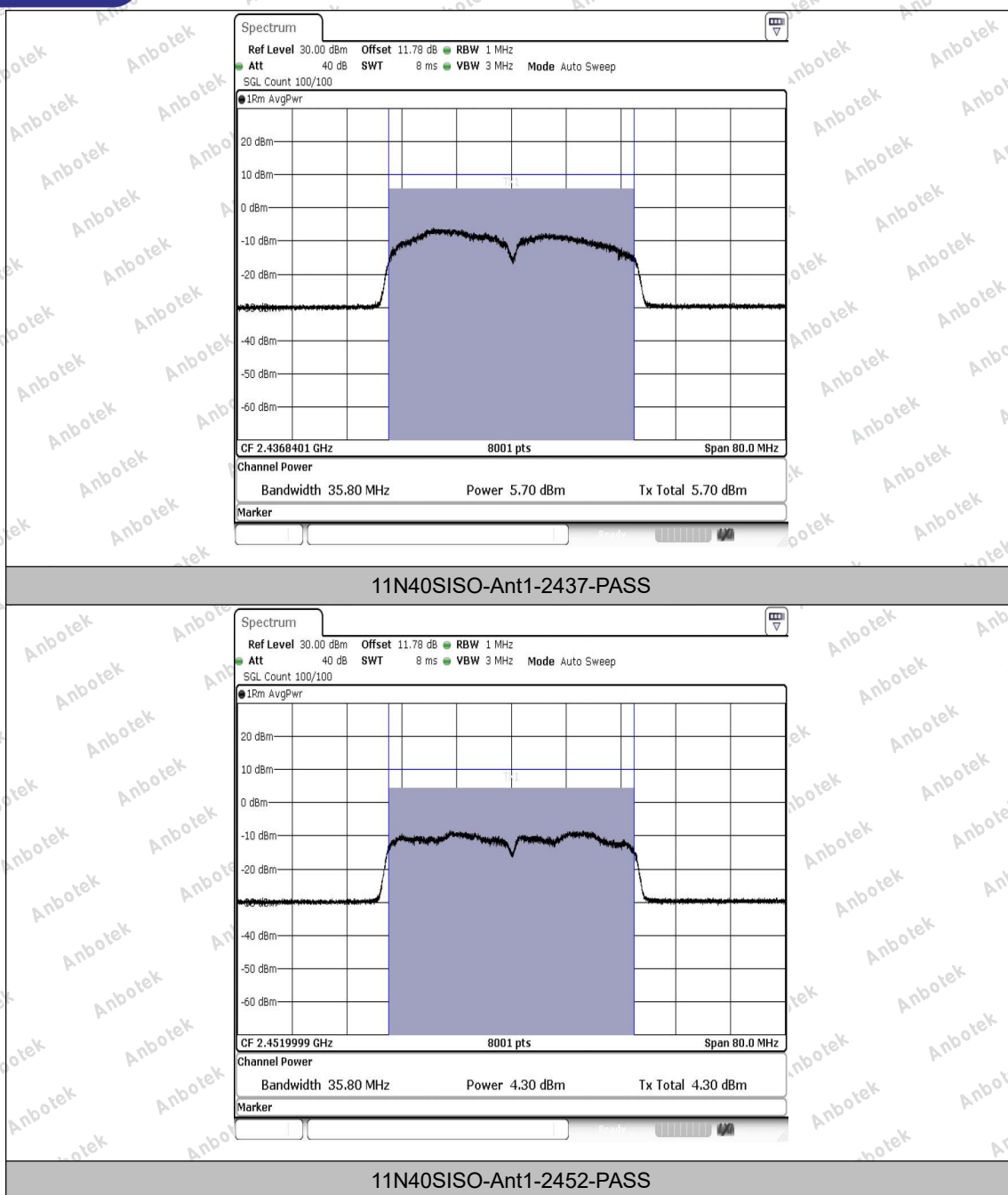




Appendix D: Maximum power spectral density

Test Result

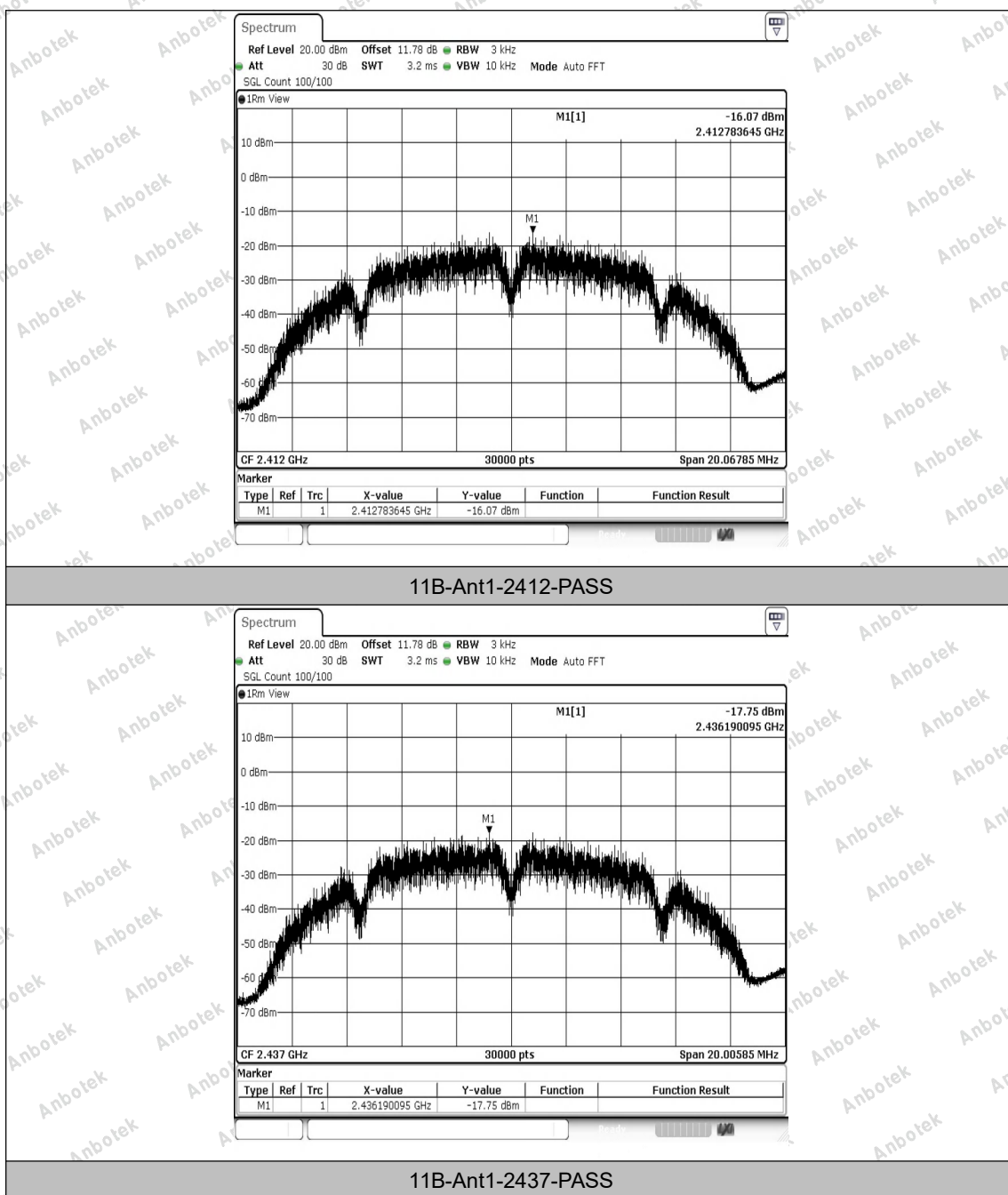
TestMode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.07	4.87	-11.20	≤8.00	PASS
11B	Ant1	2437	-17.75	4.89	-12.86	≤8.00	PASS
11B	Ant1	2462	-19.47	4.89	-14.58	≤8.00	PASS
11G	Ant1	2412	-21.66	4.87	-16.79	≤8.00	PASS
11G	Ant1	2437	-20.98	4.87	-16.11	≤8.00	PASS
11G	Ant1	2462	-25.64	4.92	-20.72	≤8.00	PASS
11N20SISO	Ant1	2412	-22.31	5.05	-17.26	≤8.00	PASS
11N20SISO	Ant1	2437	-22.80	5.02	-17.78	≤8.00	PASS
11N20SISO	Ant1	2462	-24.08	5.02	-19.06	≤8.00	PASS
11N40SISO	Ant1	2422	-24.56	4.92	-19.64	≤8.00	PASS
11N40SISO	Ant1	2437	-24.67	4.92	-19.75	≤8.00	PASS
11N40SISO	Ant1	2452	-27.51	4.92	-22.59	≤8.00	PASS

Note:

1. The cable loss are compensated in the graph.



Test Graphs



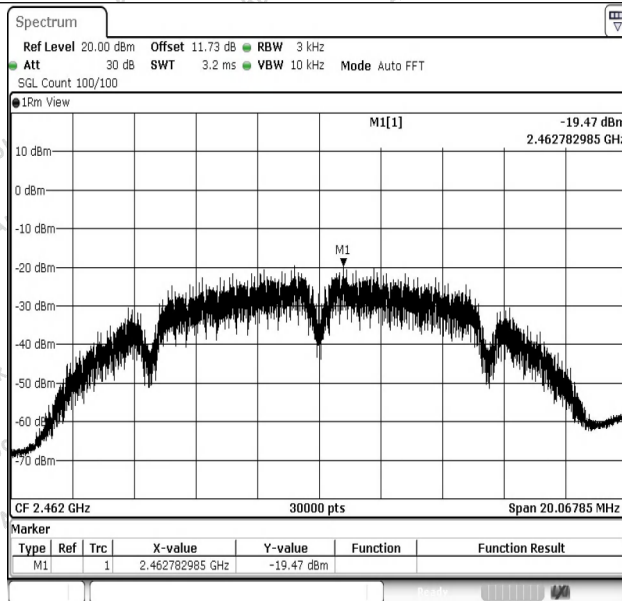
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Email: service@anbotek.com

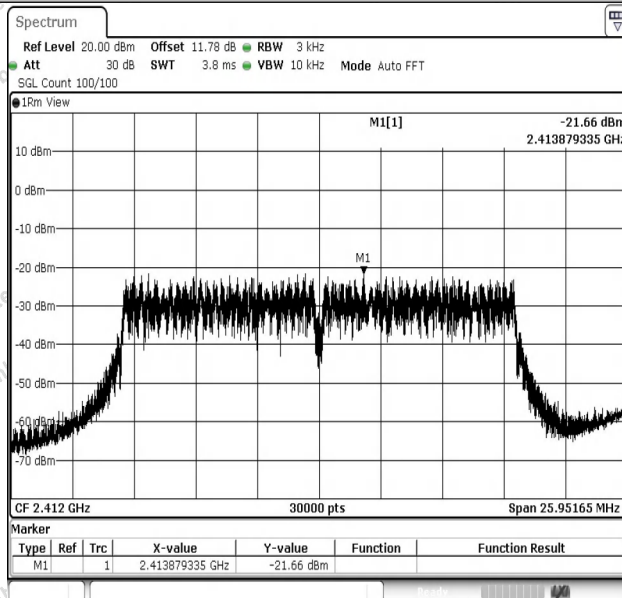


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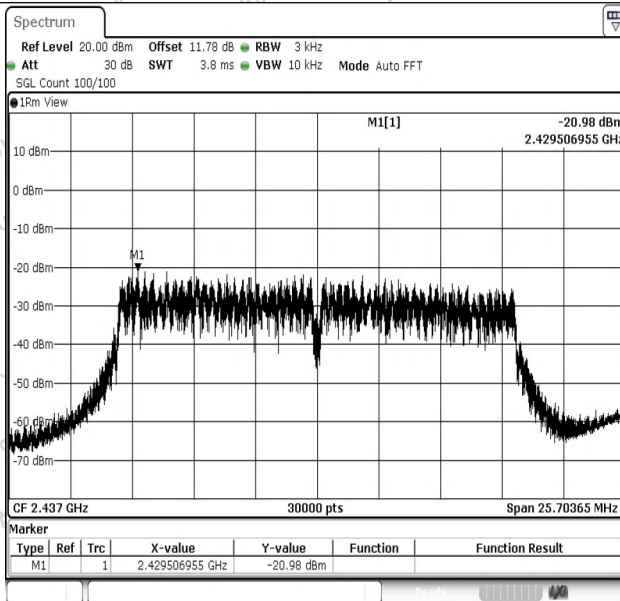


11B-Ant1-2462-PASS

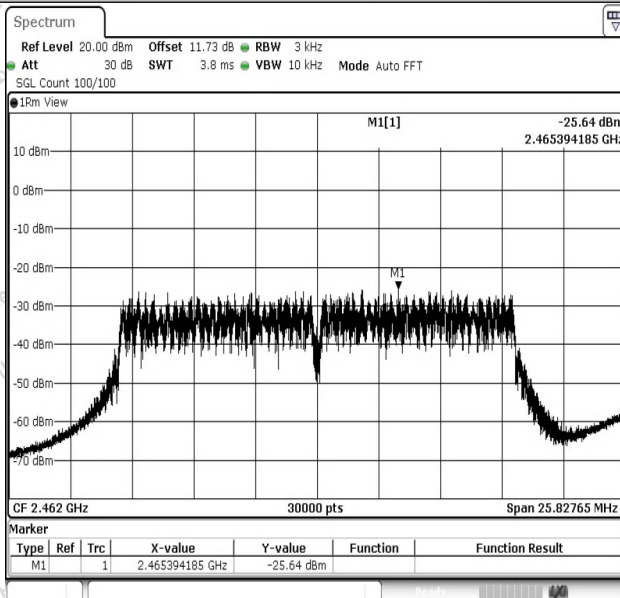


11G-Ant1-2412-PASS



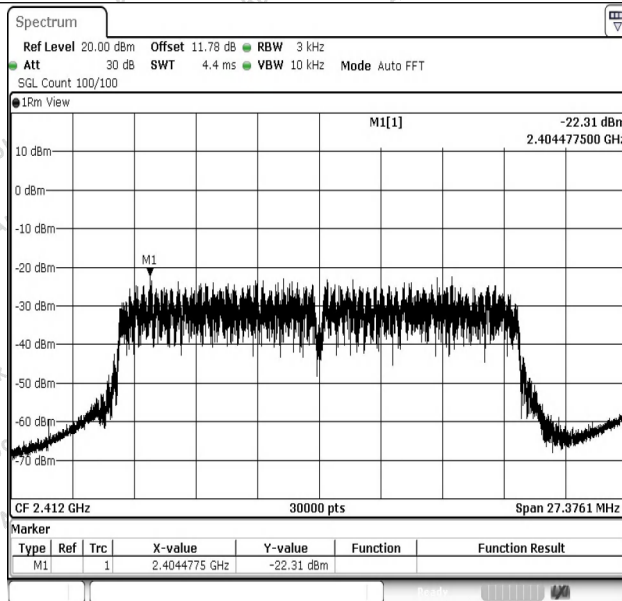


11G-Ant1-2437-PASS

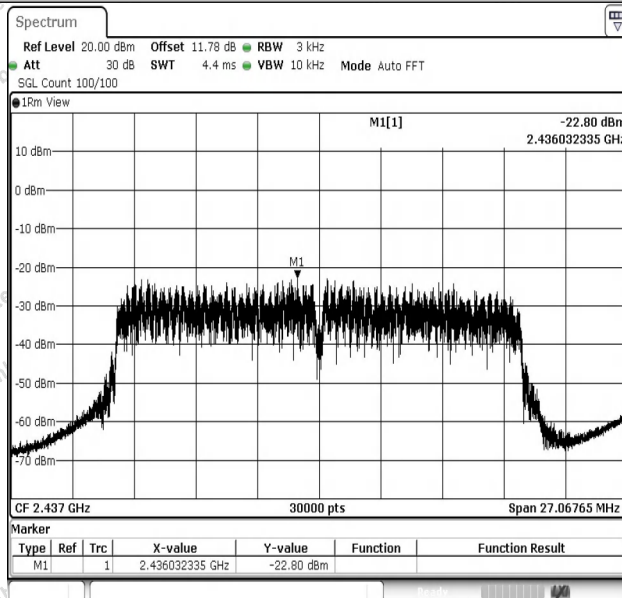


11G-Ant1-2462-PASS



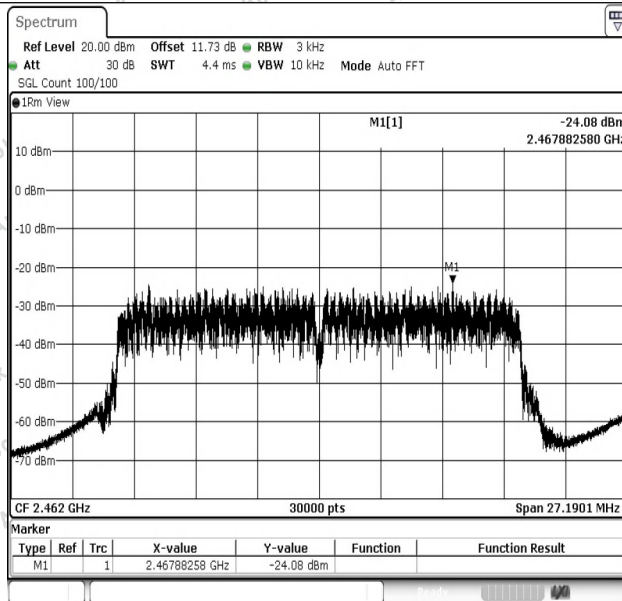


11N20SISO-Ant1-2412-PASS

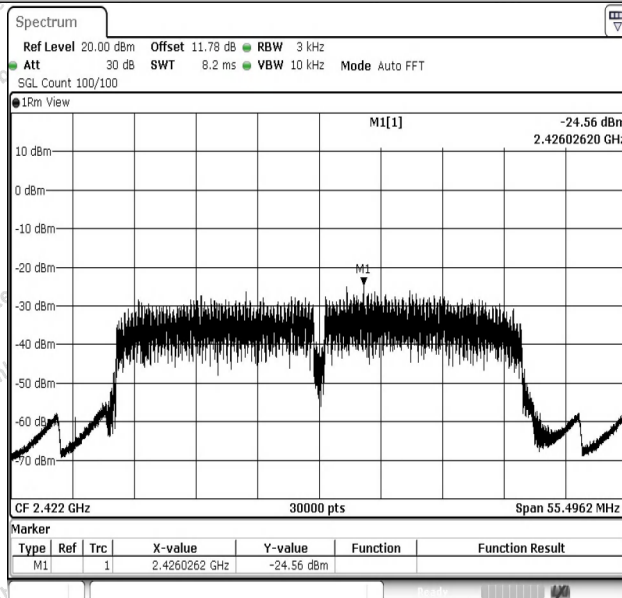


11N20SISO-Ant1-2437-PASS



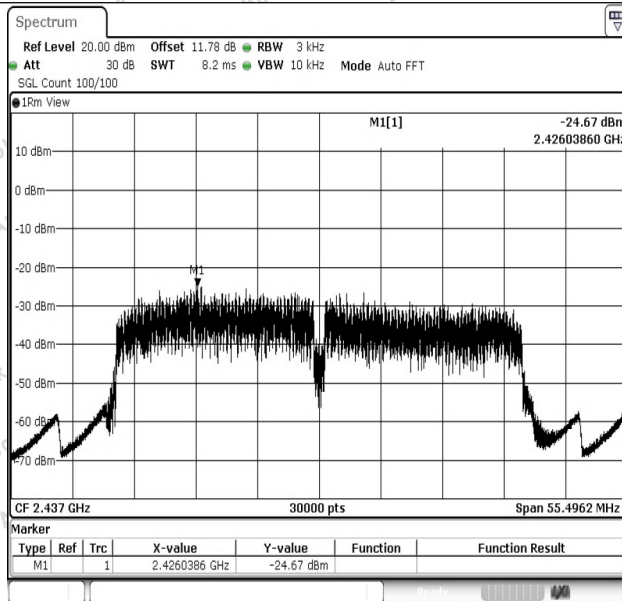


11N20SISO-Ant1-2462-PASS

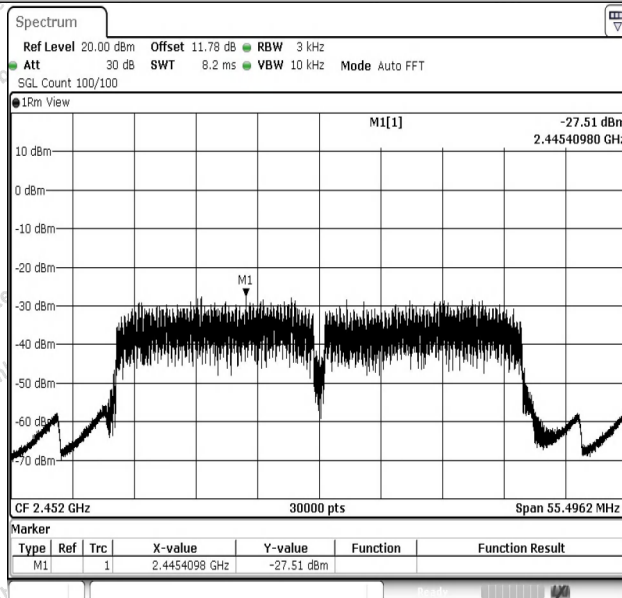


11N40SISO-Ant1-2422-PASS





11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



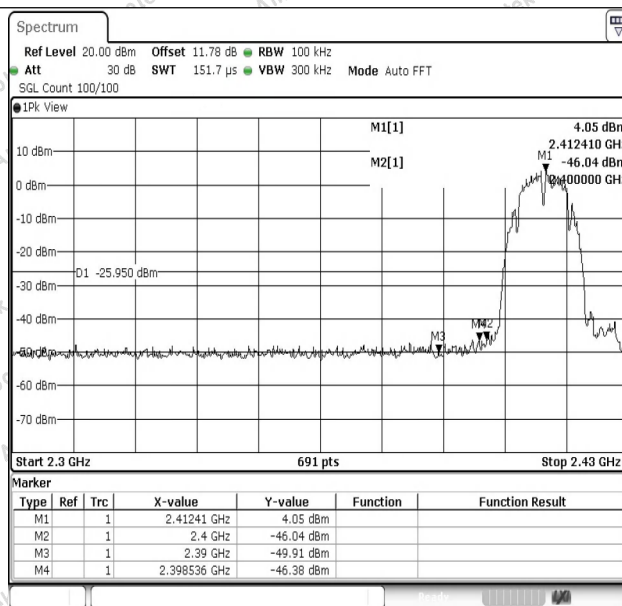
Appendix F: Band edge measurements

Test Result

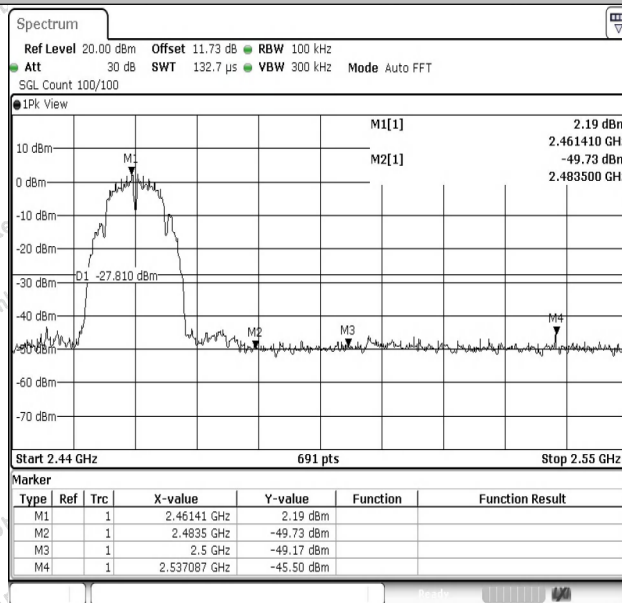
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.05	-46.38	≤-25.95	PASS
11B	Ant1	High	2462	2.19	-45.5	≤-27.81	PASS
11G	Ant1	Low	2412	-1.65	-36.08	≤-31.65	PASS
11G	Ant1	High	2462	-3.22	-45.55	≤-33.22	PASS
11N20SISO	Ant1	Low	2412	-3.31	-44.28	≤-33.31	PASS
11N20SISO	Ant1	High	2462	-1.49	-46.3	≤-31.49	PASS
11N40SISO	Ant1	Low	2422	-6.22	-44.53	≤-36.22	PASS
11N40SISO	Ant1	High	2452	-7.43	-44.85	≤-37.43	PASS



Test Graphs

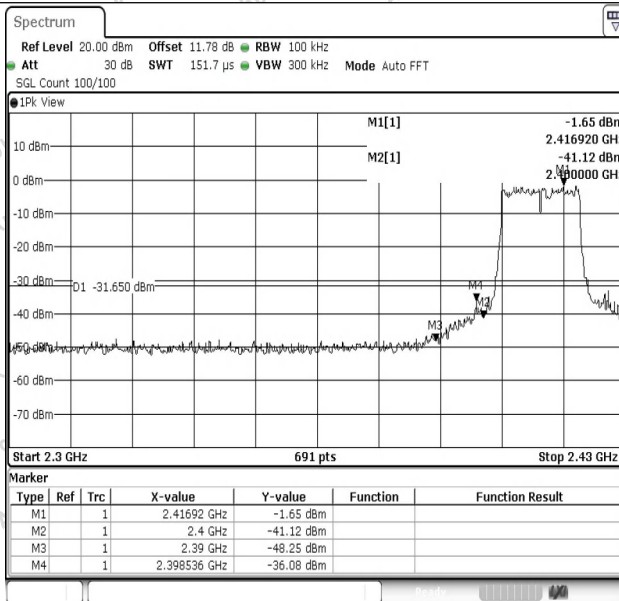


11B-Ant1-2412-PASS

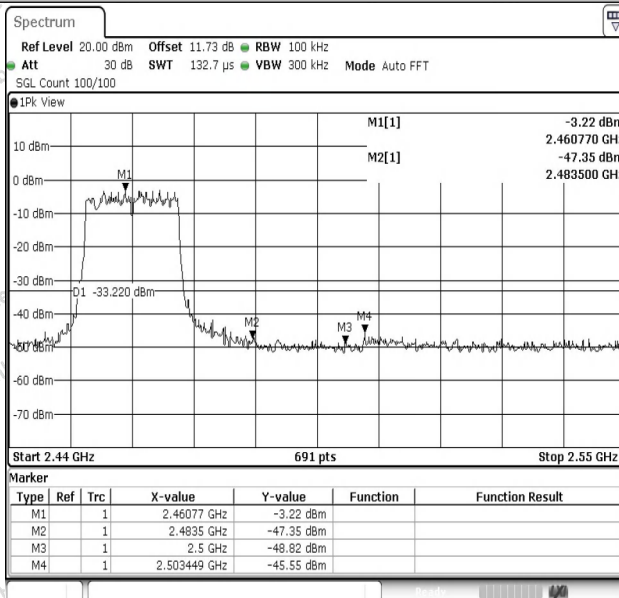


11B-Ant1-2462-PASS



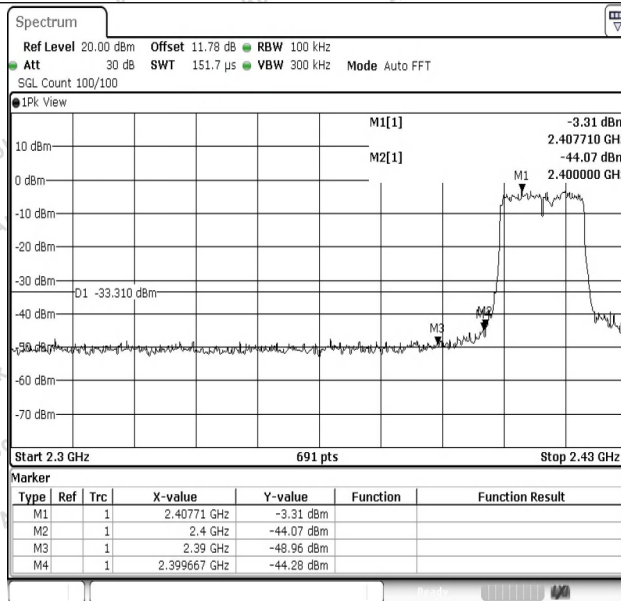


11G-Ant1-2412-PASS

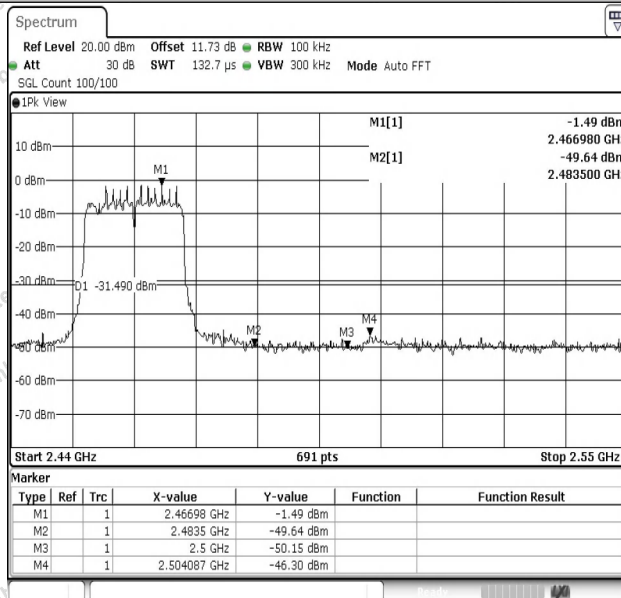


11G-Ant1-2462-PASS



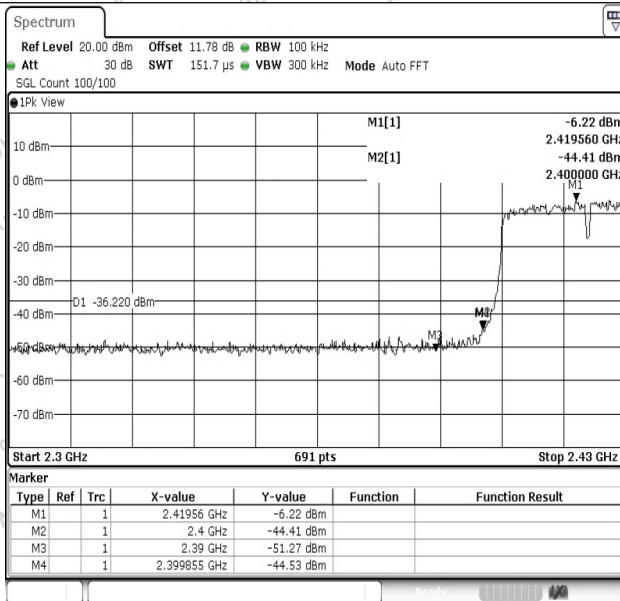


11N20SISO-Ant1-2412-PASS

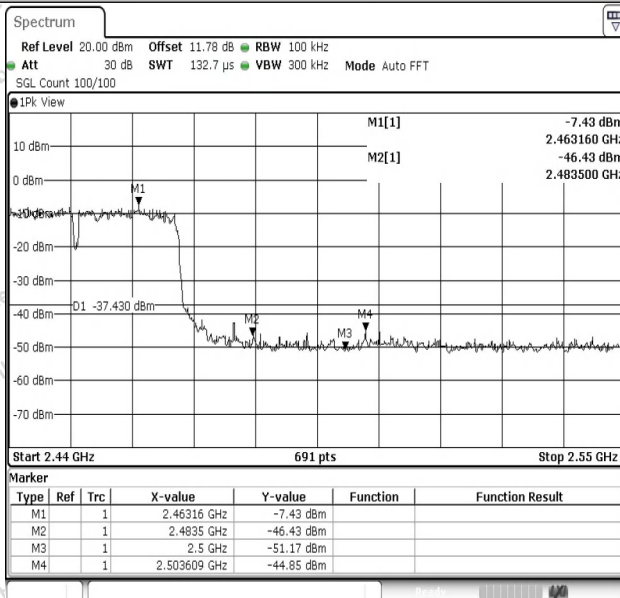


11N20SISO-Ant1-2462-PASS





11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.37	2.37	---	PASS
11B	Ant1	2412	30~1000	2.37	-58.28	≤-27.63	PASS
11B	Ant1	2412	1000~26500	2.37	-43.81	≤-27.63	PASS
11B	Ant1	2437	0~Reference	0.45	0.45	---	PASS
11B	Ant1	2437	30~1000	0.45	-57.92	≤-29.55	PASS
11B	Ant1	2437	1000~26500	0.45	-43.81	≤-29.55	PASS
11B	Ant1	2462	0~Reference	0.36	0.36	---	PASS
11B	Ant1	2462	30~1000	0.36	-57.2	≤-29.64	PASS
11B	Ant1	2462	1000~26500	0.36	-43.14	≤-29.64	PASS
11G	Ant1	2412	0~Reference	-2.67	-2.67	---	PASS
11G	Ant1	2412	30~1000	-2.67	-57.68	≤-32.67	PASS
11G	Ant1	2412	1000~26500	-2.67	-43.02	≤-32.67	PASS
11G	Ant1	2437	0~Reference	0.04	0.04	---	PASS
11G	Ant1	2437	30~1000	0.04	-56.25	≤-29.96	PASS
11G	Ant1	2437	1000~26500	0.04	-43.57	≤-29.96	PASS
11G	Ant1	2462	0~Reference	-5.11	-5.11	---	PASS
11G	Ant1	2462	30~1000	-5.11	-58.3	≤-35.11	PASS
11G	Ant1	2462	1000~26500	-5.11	-43.01	≤-35.11	PASS
11N20SISO	Ant1	2412	0~Reference	0.19	0.19	---	PASS
11N20SISO	Ant1	2412	30~1000	0.19	-57.95	≤-29.81	PASS
11N20SISO	Ant1	2412	1000~26500	0.19	-43.21	≤-29.81	PASS
11N20SISO	Ant1	2437	0~Reference	-4.20	-4.20	---	PASS
11N20SISO	Ant1	2437	30~1000	-4.20	-58.19	≤-34.2	PASS
11N20SISO	Ant1	2437	1000~26500	-4.20	-44.01	≤-34.2	PASS
11N20SISO	Ant1	2462	0~Reference	-6.53	-6.53	---	PASS
11N20SISO	Ant1	2462	30~1000	-6.53	-57.93	≤-36.53	PASS
11N20SISO	Ant1	2462	1000~26500	-6.53	-44.21	≤-36.53	PASS
11N40SISO	Ant1	2422	0~Reference	-5.44	-5.44	---	PASS
11N40SISO	Ant1	2422	30~1000	-5.44	-58.14	≤-35.44	PASS
11N40SISO	Ant1	2422	1000~26500	-5.44	-43.83	≤-35.44	PASS
11N40SISO	Ant1	2437	0~Reference	-7.48	-7.48	---	PASS
11N40SISO	Ant1	2437	30~1000	-7.48	-57.47	≤-37.48	PASS
11N40SISO	Ant1	2437	1000~26500	-7.48	-43.79	≤-37.48	PASS
11N40SISO	Ant1	2452	0~Reference	-8.57	-8.57	---	PASS
11N40SISO	Ant1	2452	30~1000	-8.57	-58.07	≤-38.57	PASS
11N40SISO	Ant1	2452	1000~26500	-8.57	-43.85	≤-38.57	PASS

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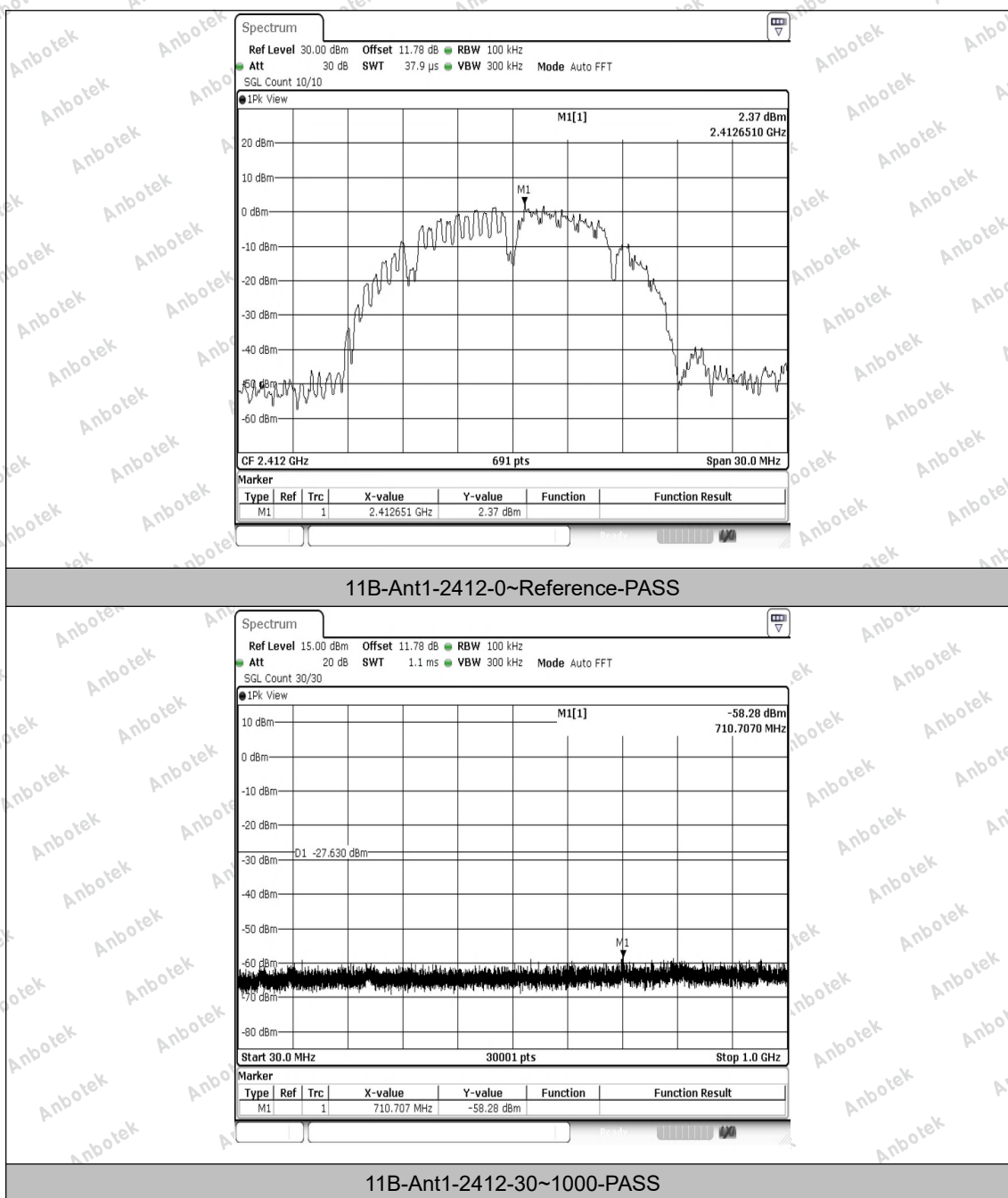


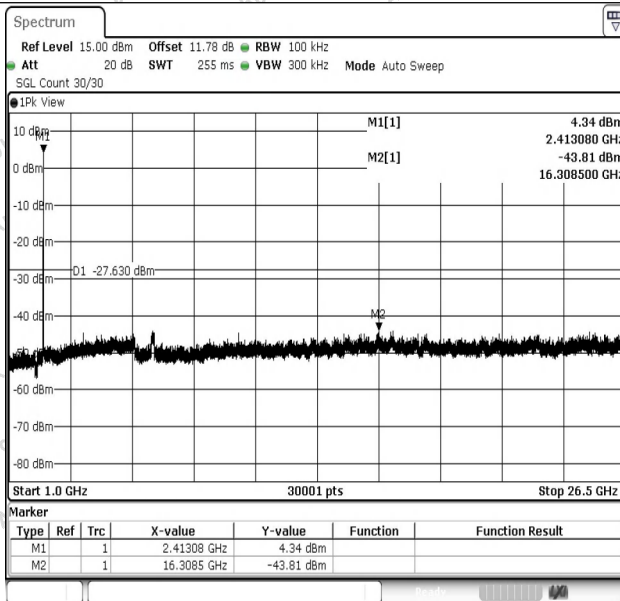
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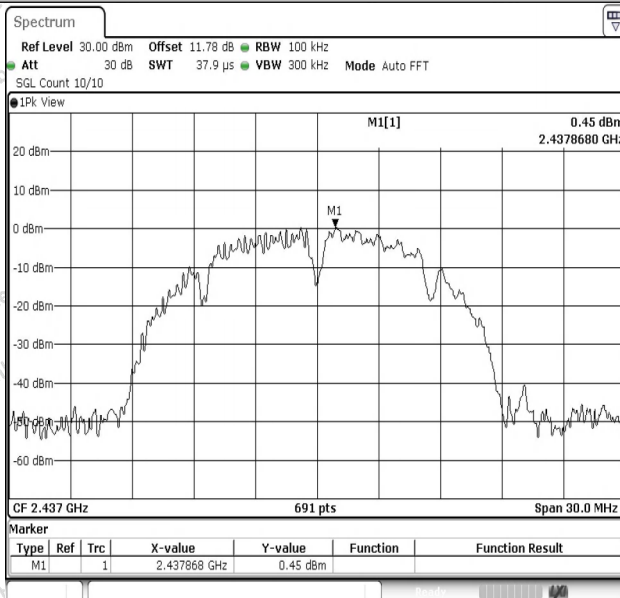


Test Graphs



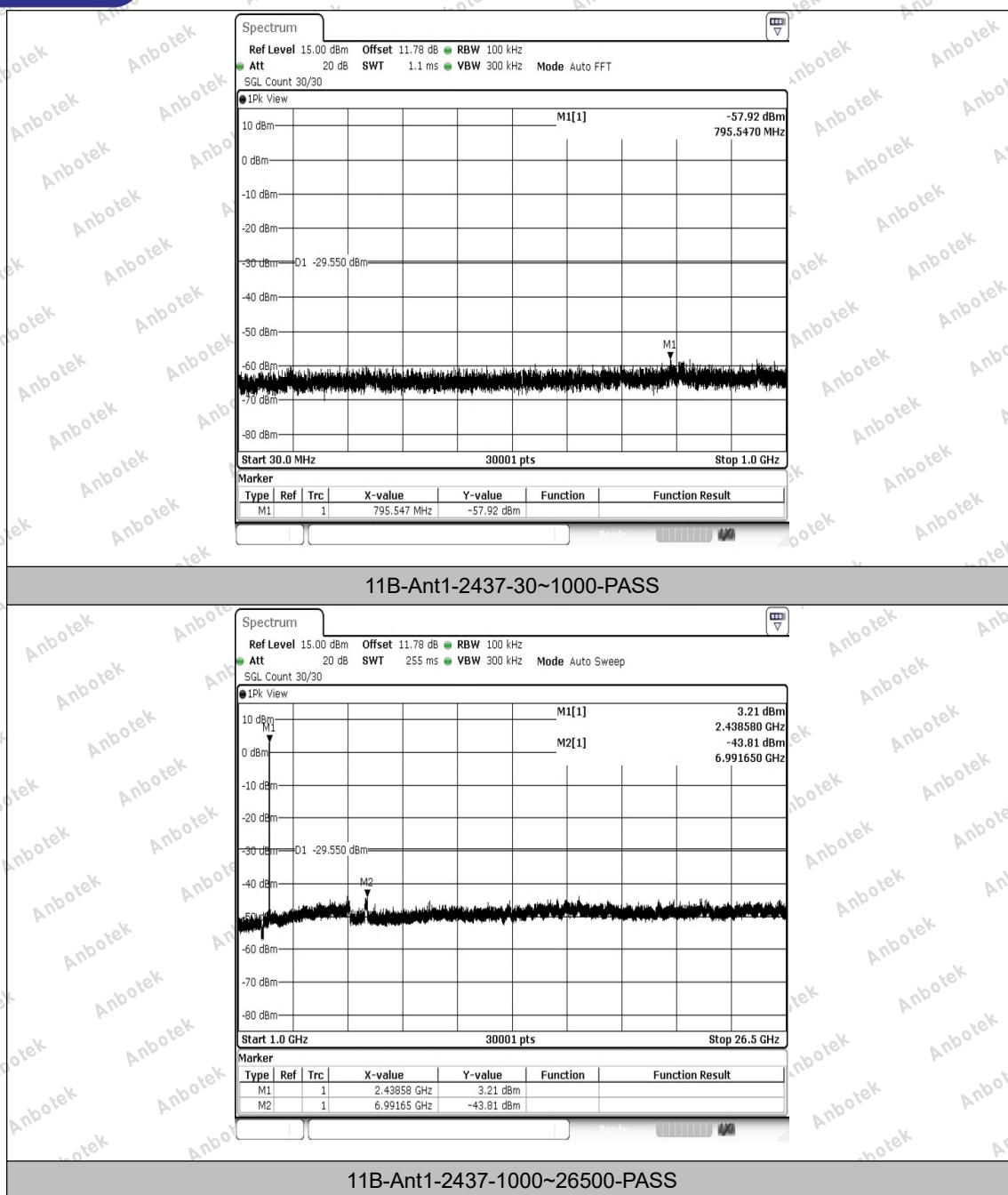


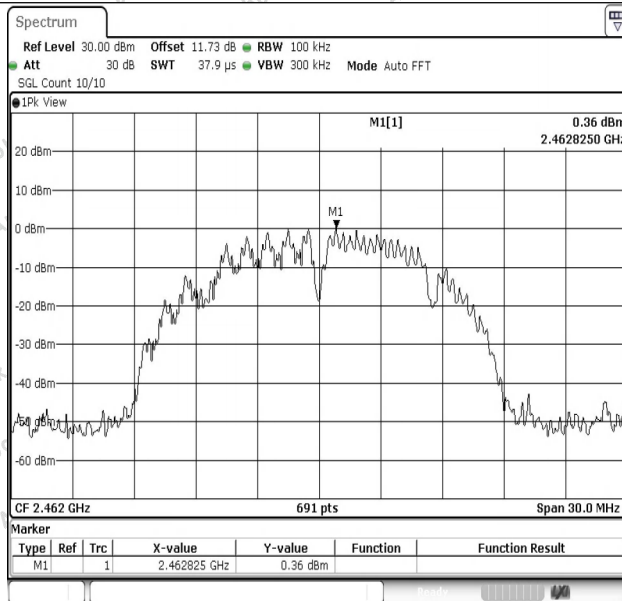
11B-Ant1-2412-1000~26500-PASS



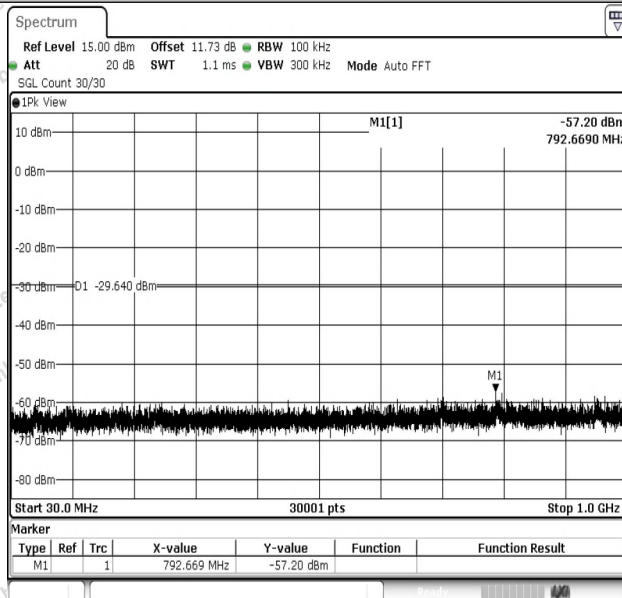
11B-Ant1-2437-0~Reference-PASS





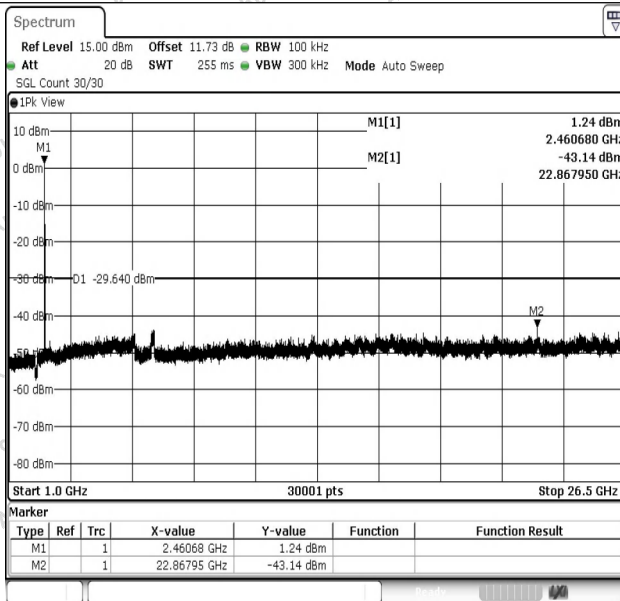


11B-Ant1-2462-0~Reference-PASS

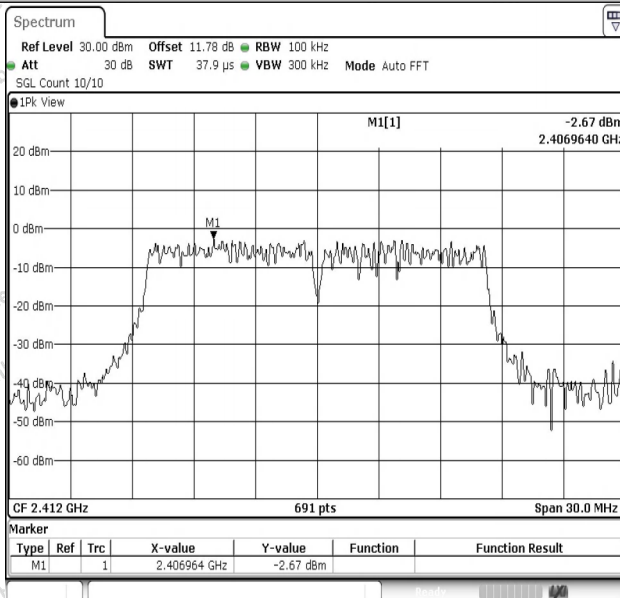


11B-Ant1-2462-30~1000-PASS



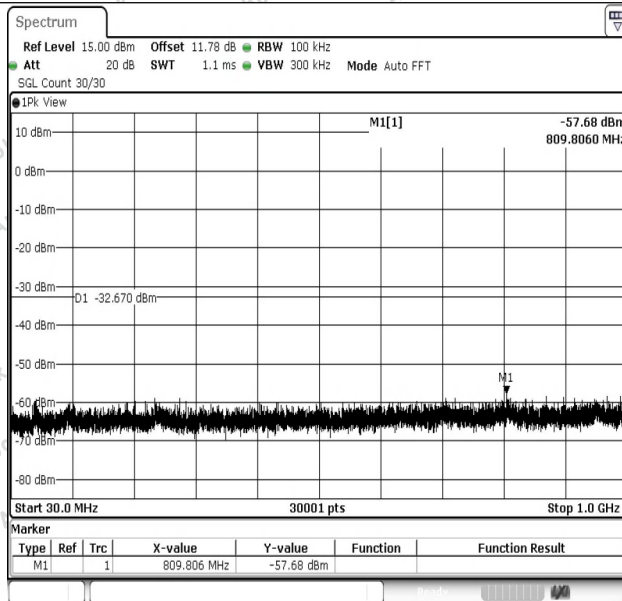


11B-Ant1-2462-1000~26500-PASS

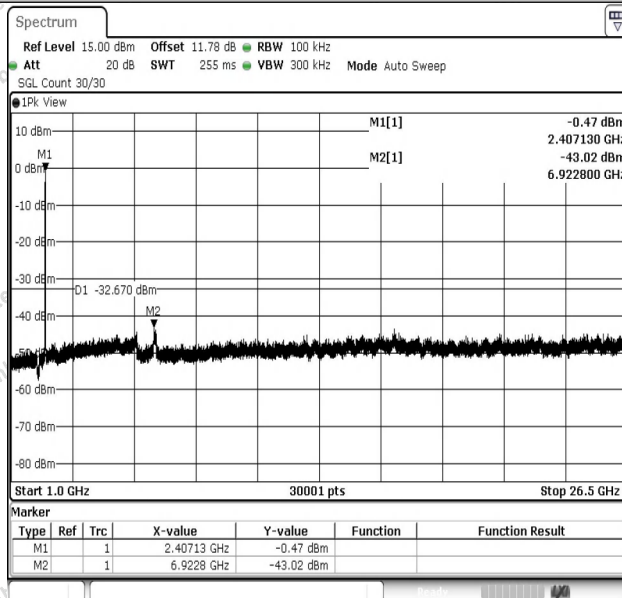


11G-Ant1-2412-0~Reference-PASS





11G-Ant1-2412-30~1000-PASS



11G-Ant1-2412-1000~26500-PASS

