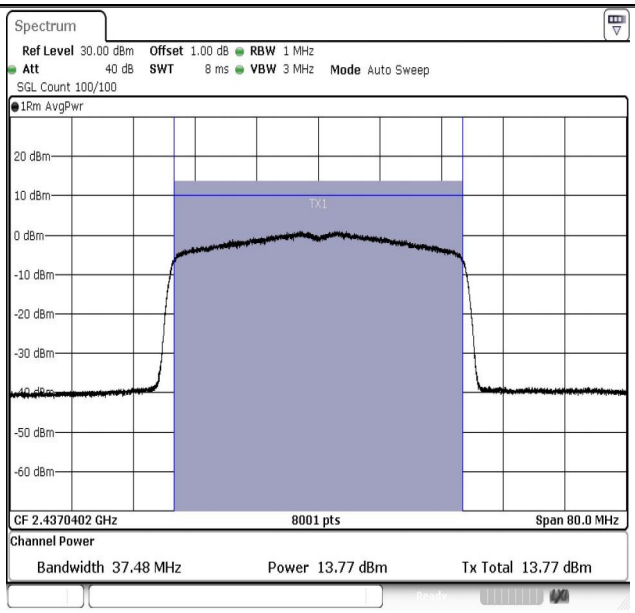
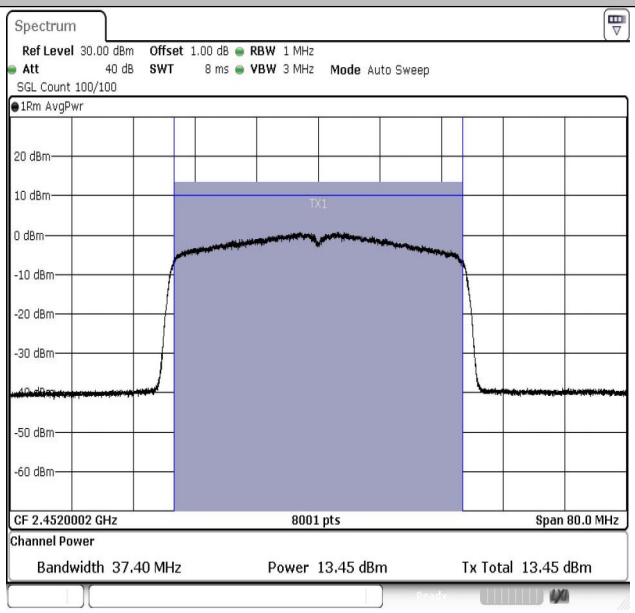


11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

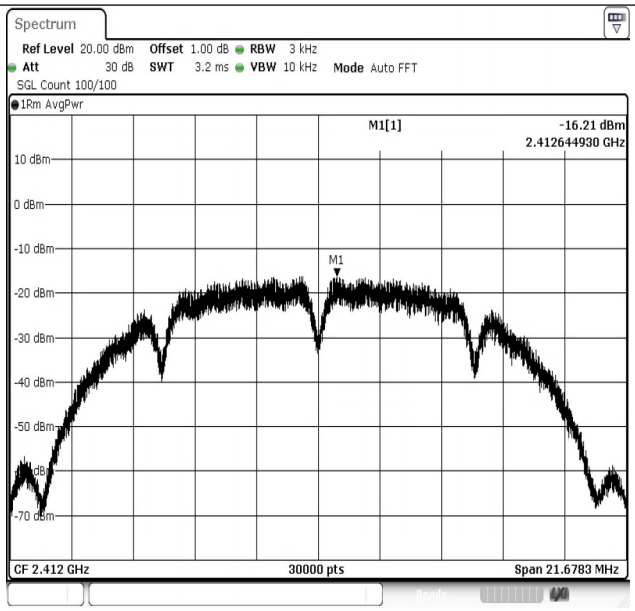
Appendix D: Maximum power spectral density

Test Result

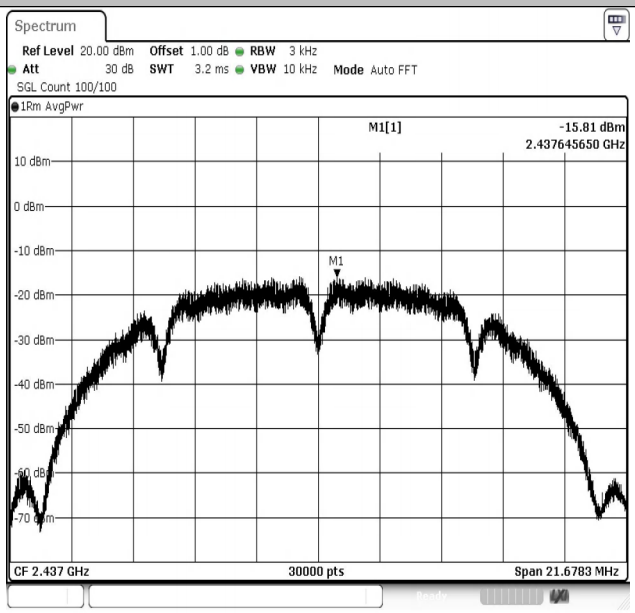
Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-16.21	0.00	-16.21	≤8.00	PASS
11B	Ant1	2437	-15.81	0.00	-15.81	≤8.00	PASS
11B	Ant1	2462	-16.1	0.00	-16.10	≤8.00	PASS
11G	Ant1	2412	-13.88	0.00	-13.88	≤8.00	PASS
11G	Ant1	2437	-13.97	0.00	-13.97	≤8.00	PASS
11G	Ant1	2462	-14.54	0.00	-14.54	≤8.00	PASS
11N20SISO	Ant1	2412	-12.72	0.00	-12.72	≤8.00	PASS
11N20SISO	Ant1	2437	-12.62	0.00	-12.62	≤8.00	PASS
11N20SISO	Ant1	2462	-13.26	0.00	-13.26	≤8.00	PASS
11N40SISO	Ant1	2422	-15.59	0.00	-15.59	≤8.00	PASS
11N40SISO	Ant1	2437	-16.09	0.00	-16.09	≤8.00	PASS
11N40SISO	Ant1	2452	-16.32	0.00	-16.32	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.9	0.00	-12.90	≤8.00	PASS
11AX20SISO	Ant1	2437	-11.96	0.00	-11.96	≤8.00	PASS
11AX20SISO	Ant1	2462	-13.15	0.00	-13.15	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.14	0.00	-16.14	≤8.00	PASS
11AX40SISO	Ant1	2437	-12.02	0.00	-12.02	≤8.00	PASS
11AX40SISO	Ant1	2452	-15.92	0.00	-15.92	≤8.00	PASS

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

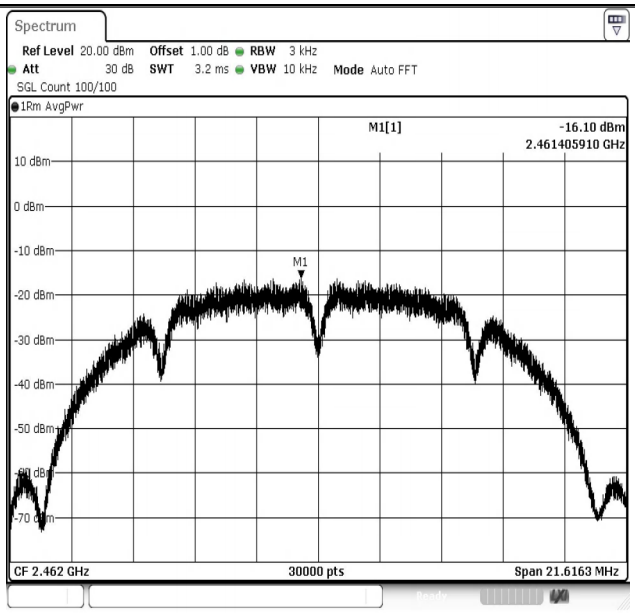
Test Graphs



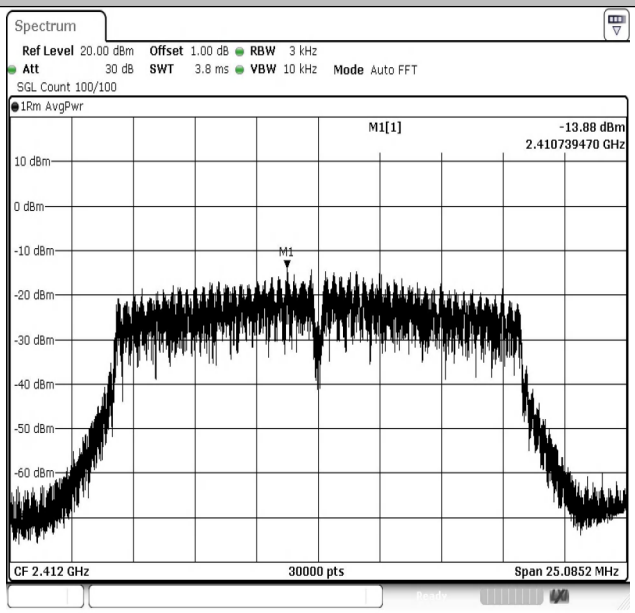
11B-Ant1-2412-PASS



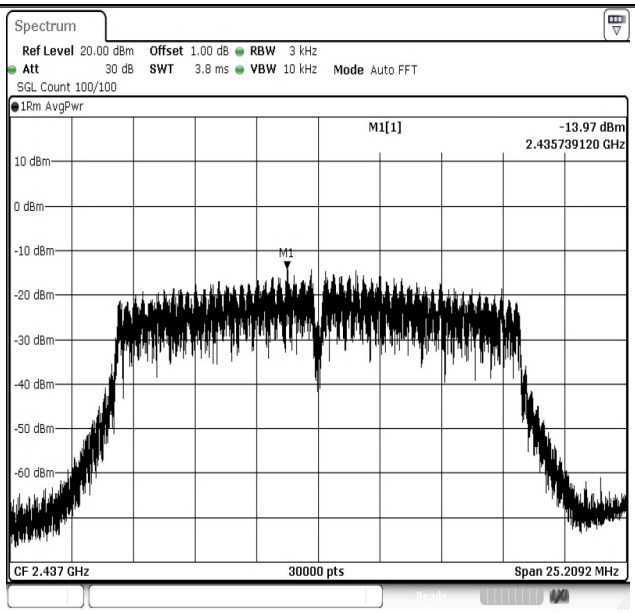
11B-Ant1-2437-PASS



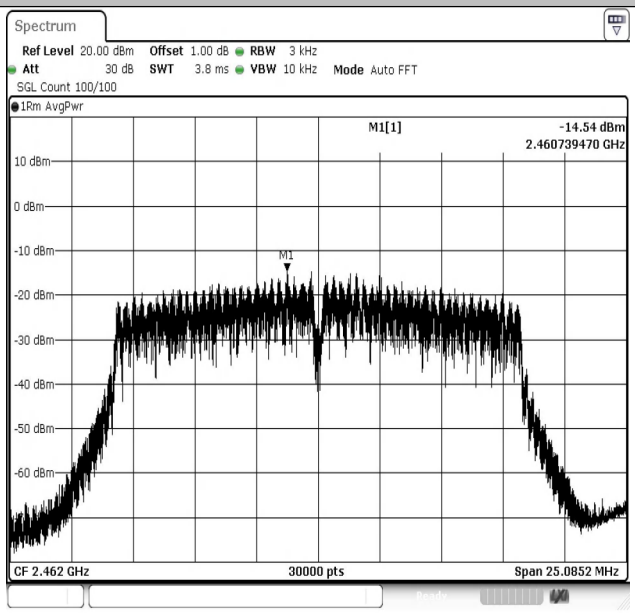
11B-Ant1-2462-PASS



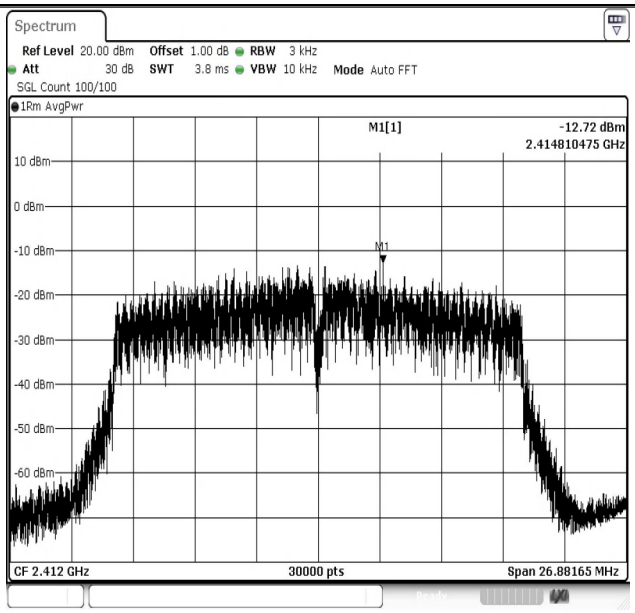
11G-Ant1-2412-PASS



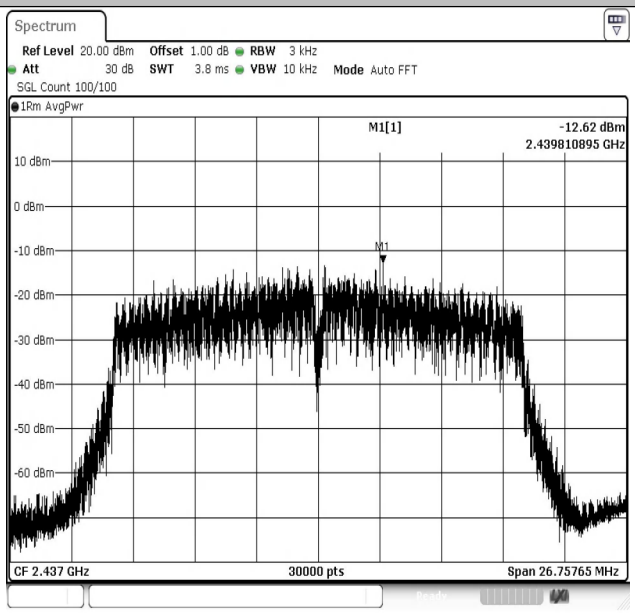
11G-Ant1-2437-PASS



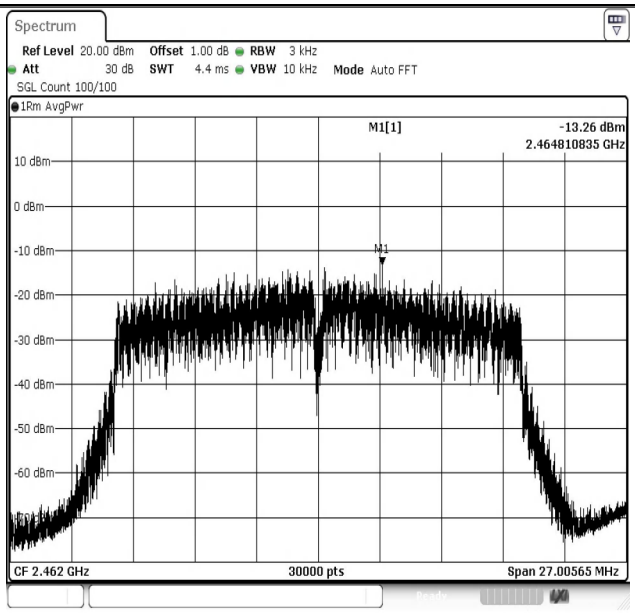
11G-Ant1-2462-PASS



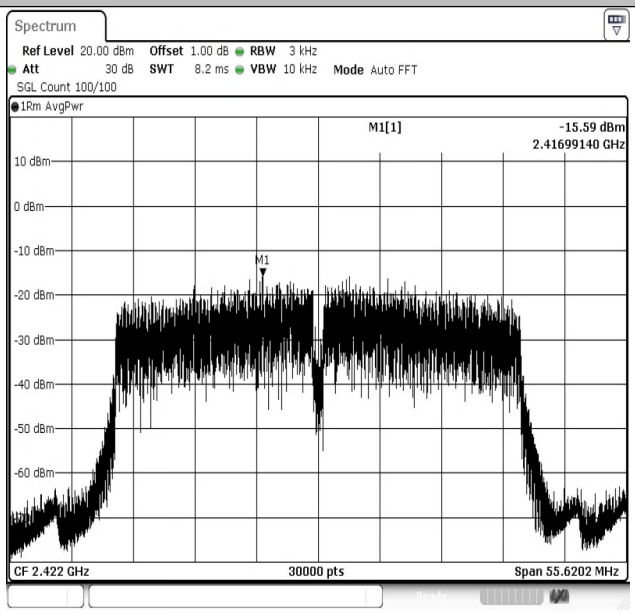
11N20SISO-Ant1-2412-PASS



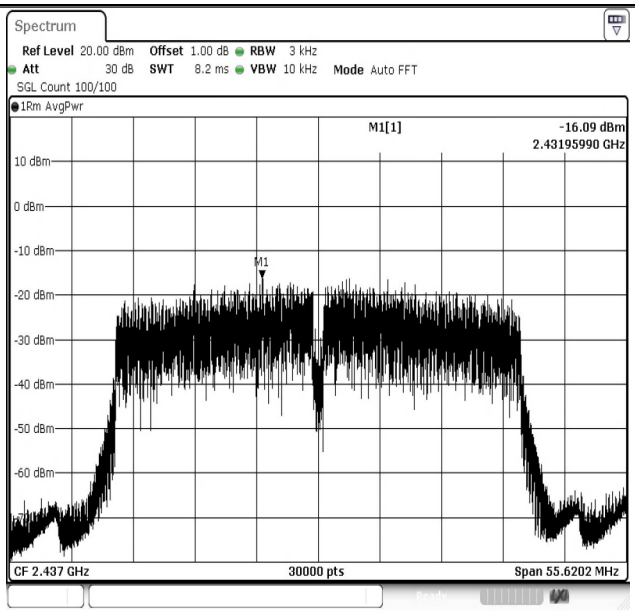
11N20SISO-Ant1-2437-PASS



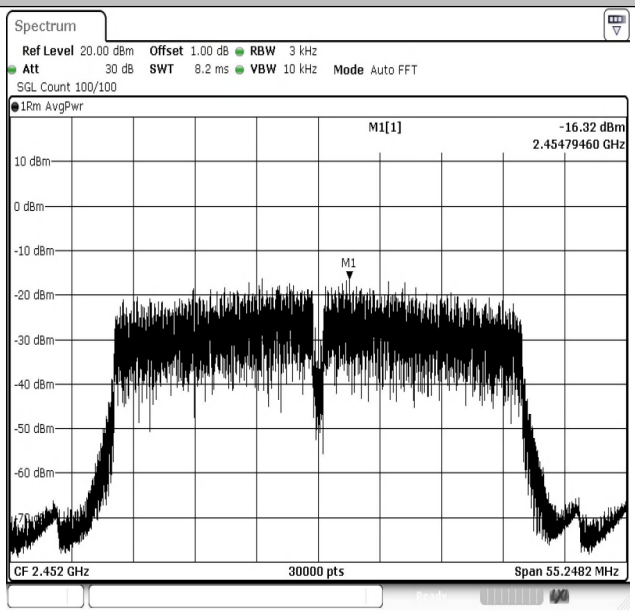
11N20SISO-Ant1-2462-PASS



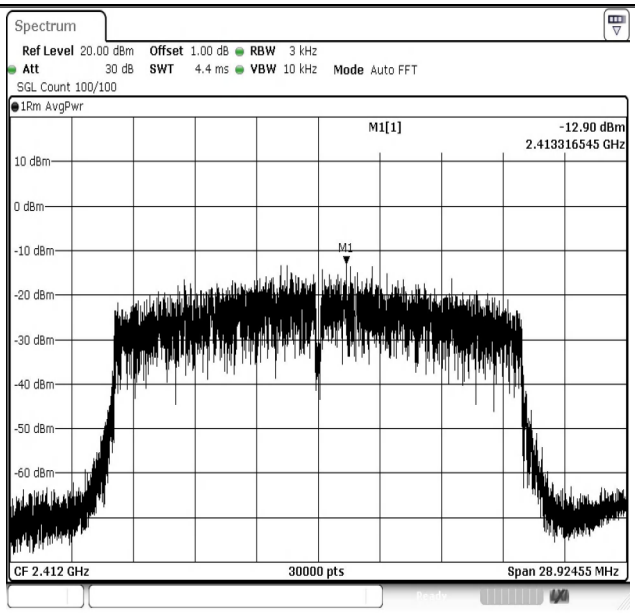
11N40SISO-Ant1-2422-PASS



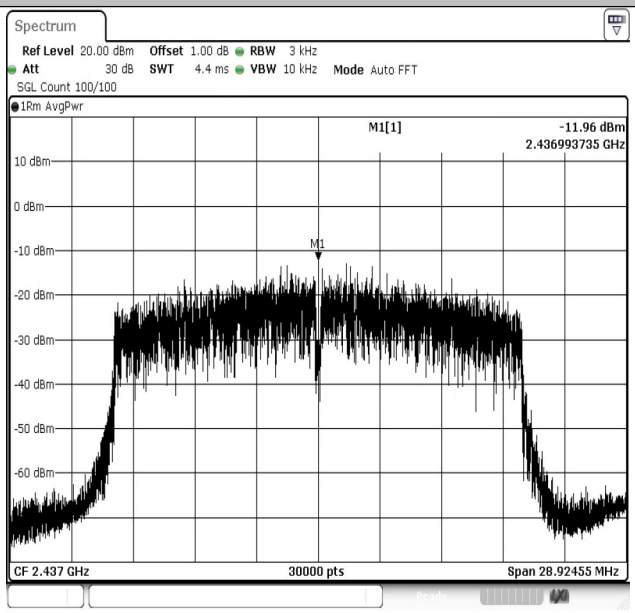
11N40SISO-Ant1-2437-PASS



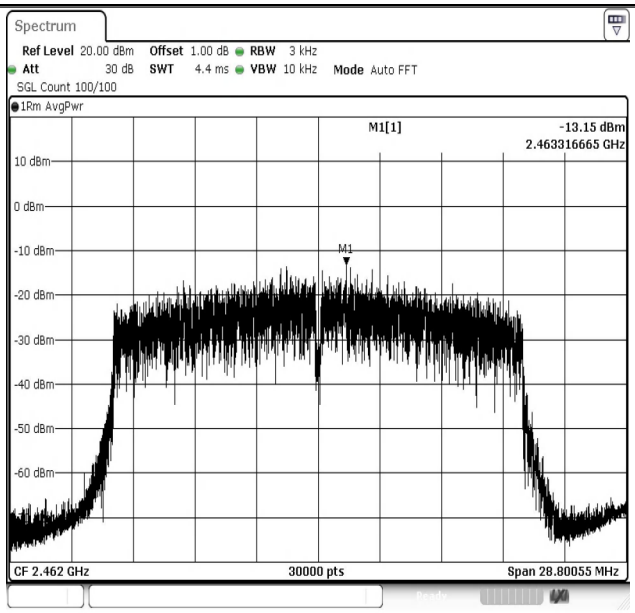
11N40SISO-Ant1-2452-PASS



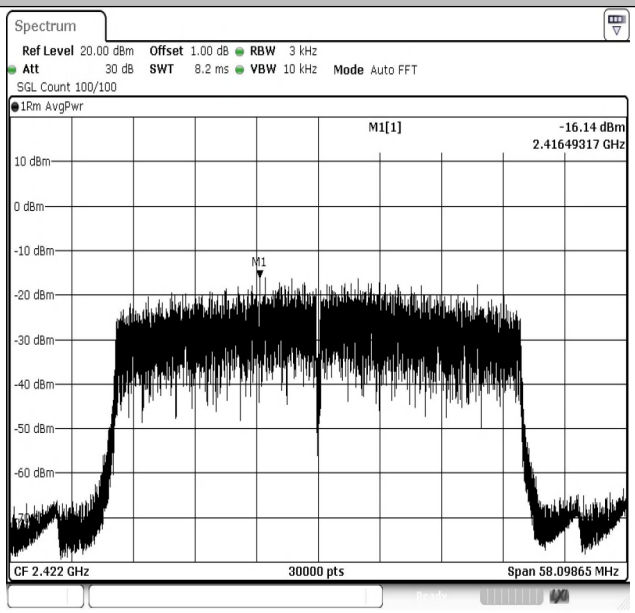
11AX20SISO-Ant1-2412-PASS



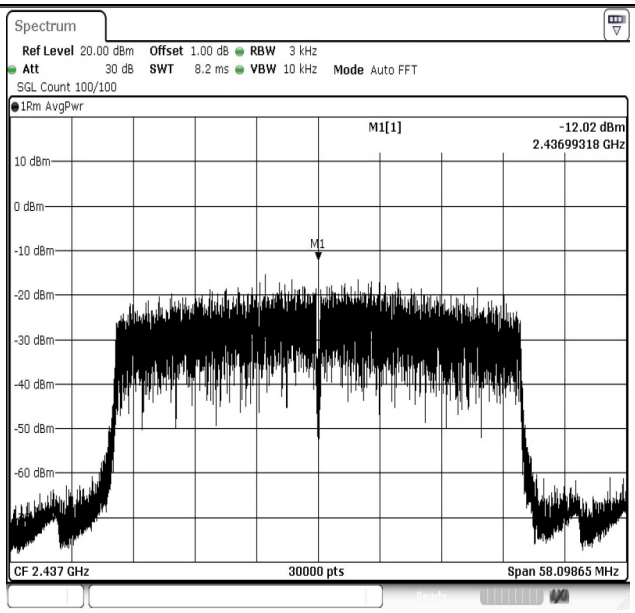
11AX20SISO-Ant1-2437-PASS



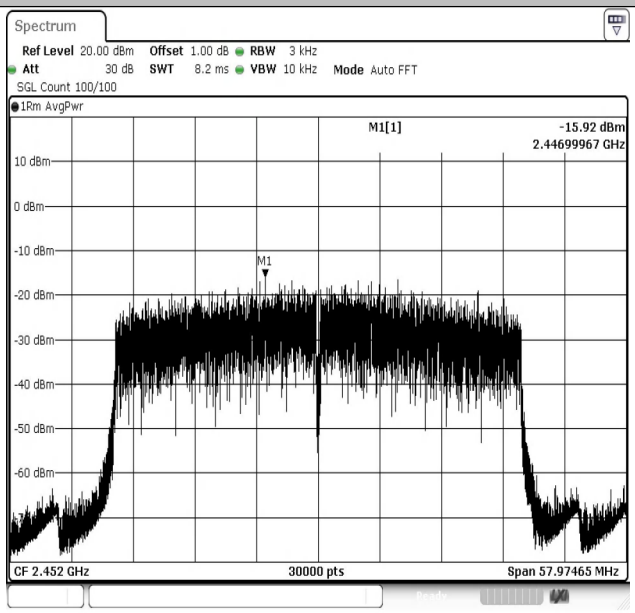
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

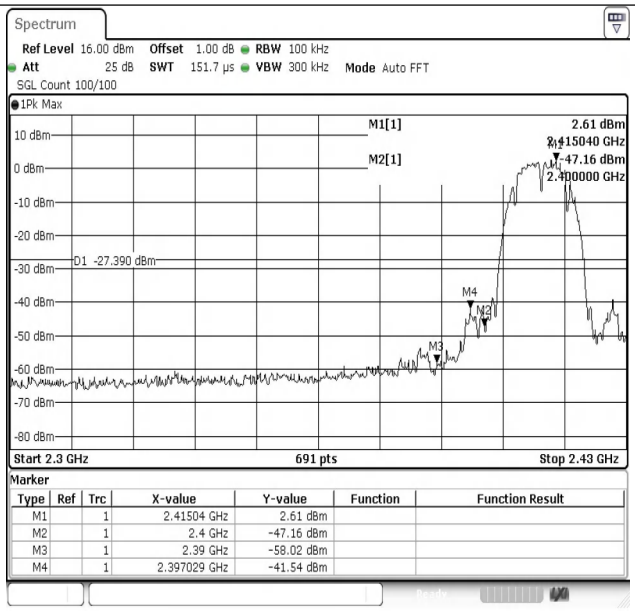
Appendix E: Conducted Band edge

Test Result

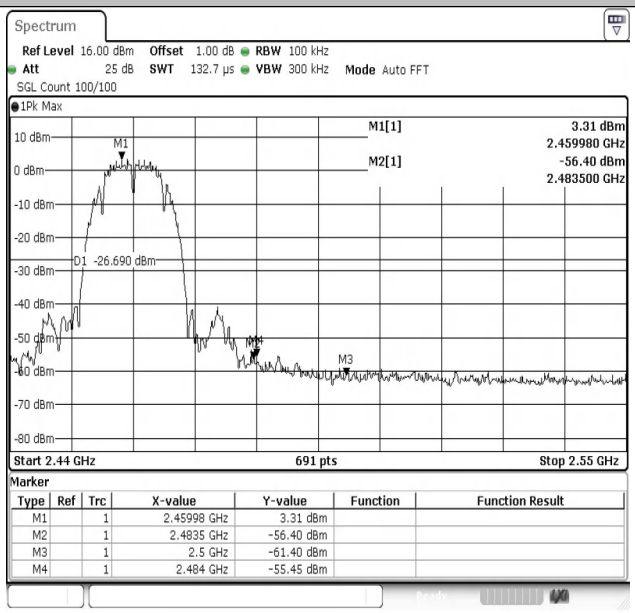
Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.61	-41.54	≤-27.39	PASS
11B	Ant1	High	2462	3.31	-55.45	≤-26.69	PASS
11G	Ant1	Low	2412	4.22	-44.66	≤-25.78	PASS
11G	Ant1	High	2462	3.87	-53.11	≤-26.13	PASS
11N20SISO	Ant1	Low	2412	4.25	-43.86	≤-25.75	PASS
11N20SISO	Ant1	High	2462	0.14	-52.02	≤-29.86	PASS
11N40SISO	Ant1	Low	2422	1.28	-45.13	≤-28.72	PASS
11N40SISO	Ant1	High	2452	1.45	-48.85	≤-28.55	PASS
11AX20SISO	Ant1	Low	2412	3.58	-46.2	≤-26.42	PASS
11AX20SISO	Ant1	High	2462	2.50	-52.42	≤-27.5	PASS
11AX40SISO	Ant1	Low	2422	1.38	-45.93	≤-28.62	PASS
11AX40SISO	Ant1	High	2452	1.55	-47.27	≤-28.45	PASS

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

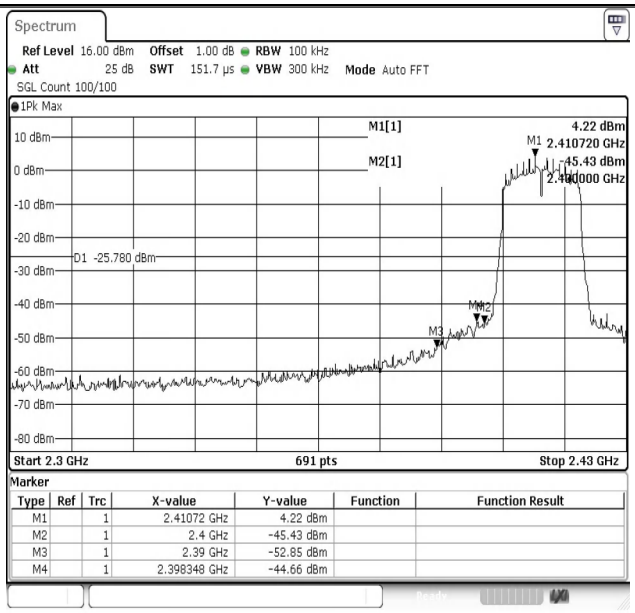
Test Graphs



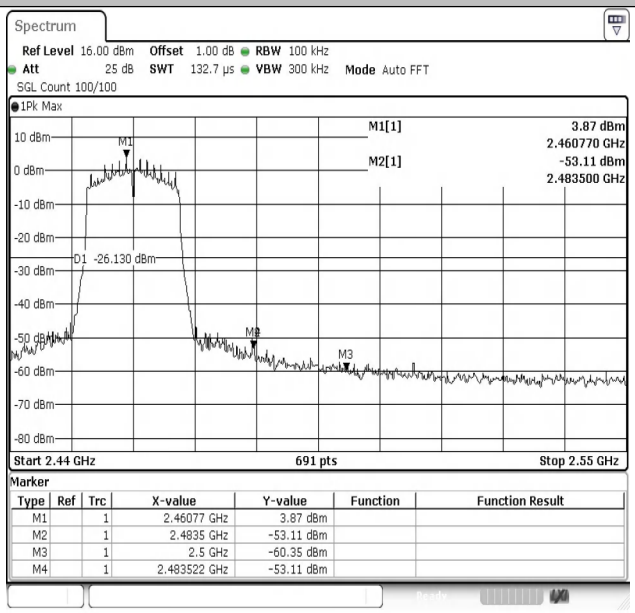
11B-Ant1-2412-PASS



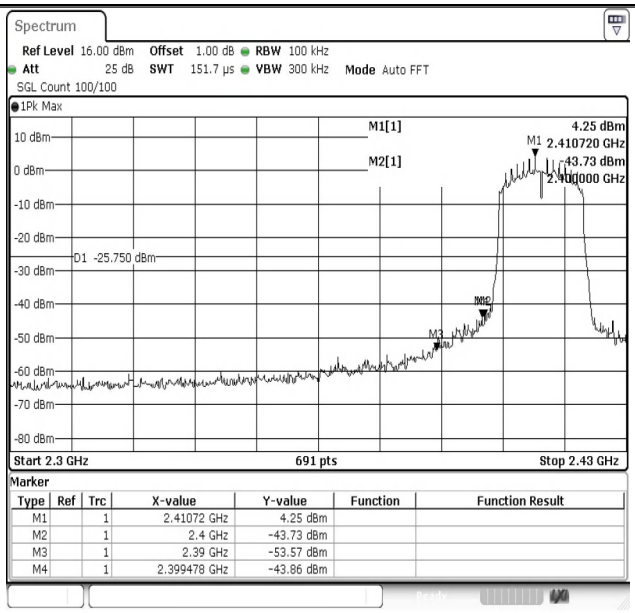
11B-Ant1-2462-PASS



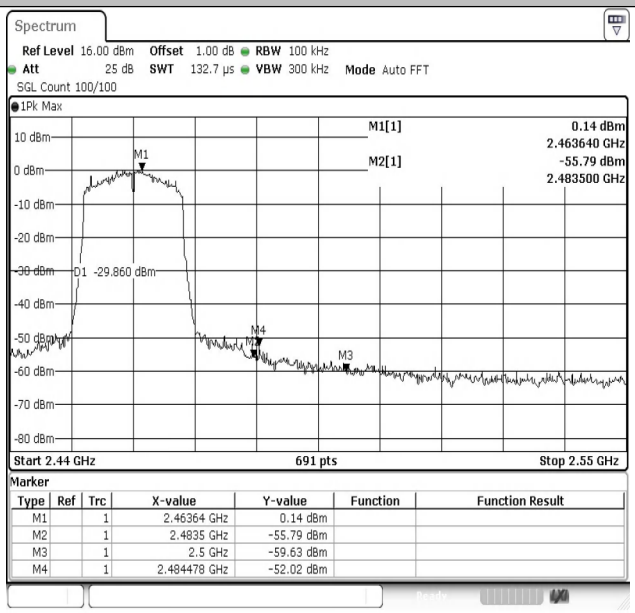
11G-Ant1-2412-PASS



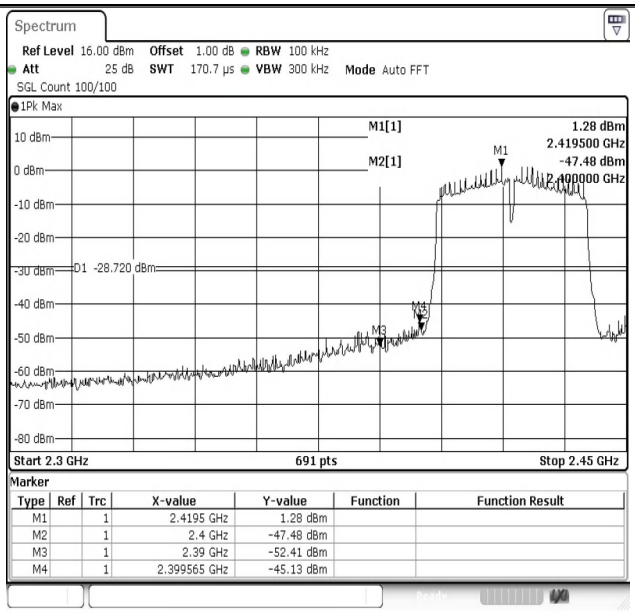
11G-Ant1-2462-PASS



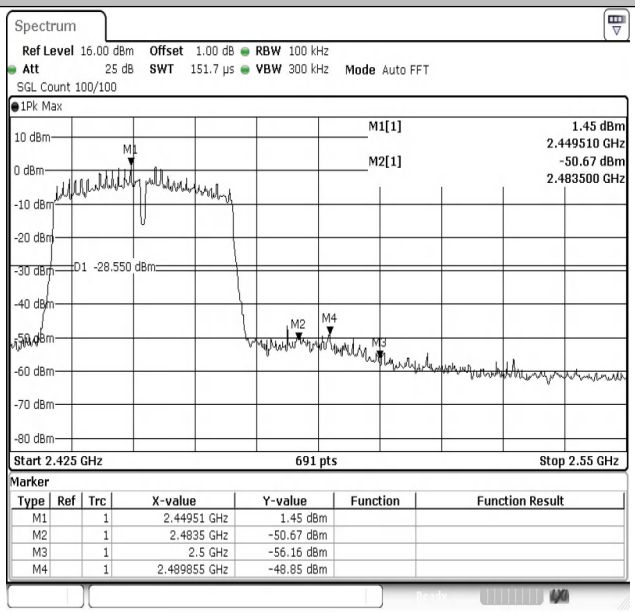
11N20SISO-Ant1-2412-PASS



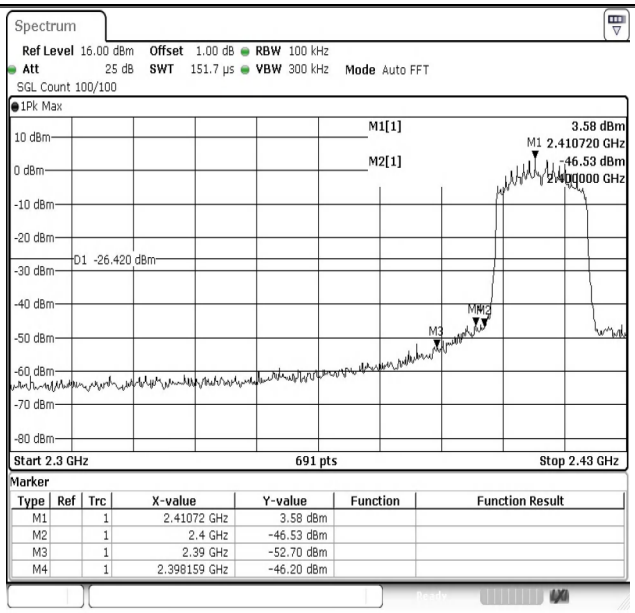
11N20SISO-Ant1-2462-PASS



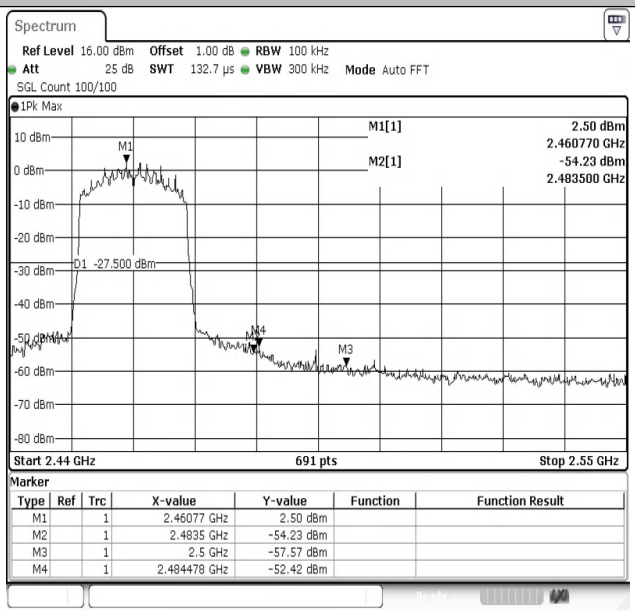
11N40SISO-Ant1-2422-PASS



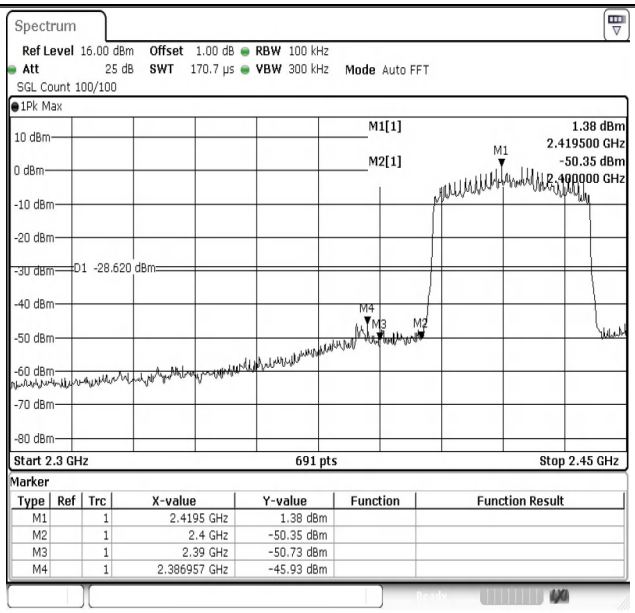
11N40SISO-Ant1-2452-PASS



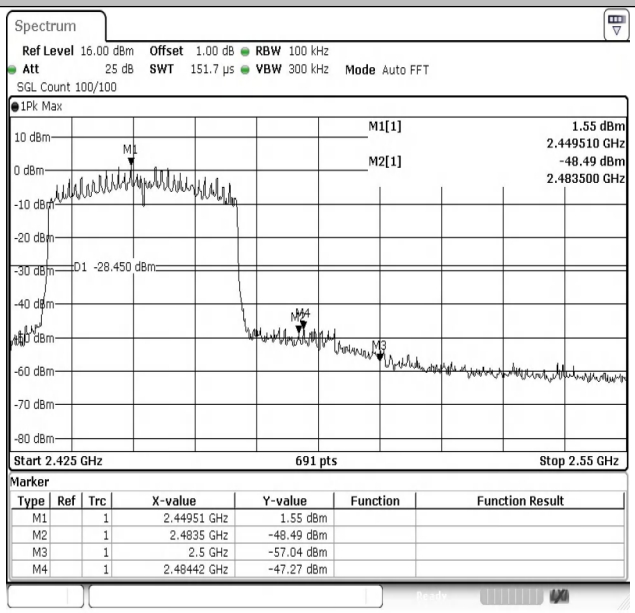
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2452-PASS

Appendix F: Conducted Spurious Emission

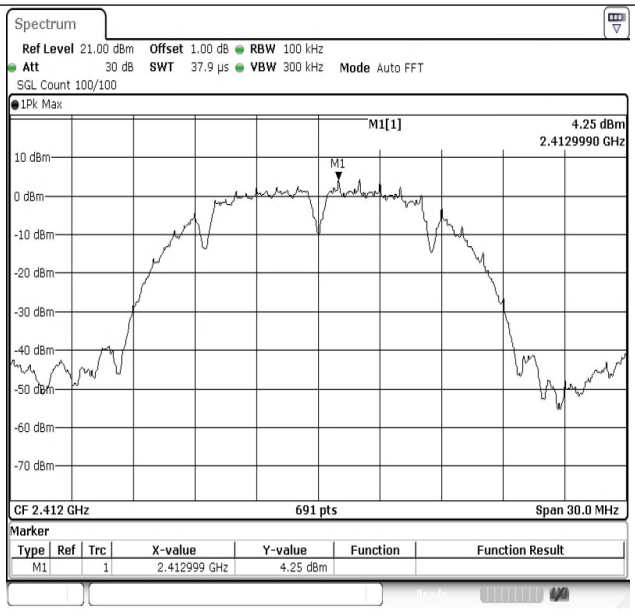
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	4.25	4.25	---	PASS
11B	Ant1	2412	30~1000	4.25	-68.27	≤-25.75	PASS
11B	Ant1	2412	1000~26500	4.25	-51.81	≤-25.75	PASS
11B	Ant1	2437	0~Reference	4.18	4.18	---	PASS
11B	Ant1	2437	30~1000	4.18	-68.55	≤-25.82	PASS
11B	Ant1	2437	1000~26500	4.18	-49.58	≤-25.82	PASS
11B	Ant1	2462	0~Reference	3.14	3.14	---	PASS
11B	Ant1	2462	30~1000	3.14	-69.06	≤-26.86	PASS
11B	Ant1	2462	1000~26500	3.14	-52	≤-26.86	PASS
11G	Ant1	2412	0~Reference	4.41	4.41	---	PASS
11G	Ant1	2412	30~1000	4.41	-65.15	≤-25.59	PASS
11G	Ant1	2412	1000~26500	4.41	-55.12	≤-25.59	PASS
11G	Ant1	2437	0~Reference	4.27	4.27	---	PASS
11G	Ant1	2437	30~1000	4.27	-68.42	≤-25.73	PASS
11G	Ant1	2437	1000~26500	4.27	-54.79	≤-25.73	PASS
11G	Ant1	2462	0~Reference	3.87	3.87	---	PASS
11G	Ant1	2462	30~1000	3.87	-68.65	≤-26.13	PASS
11G	Ant1	2462	1000~26500	3.87	-54.34	≤-26.13	PASS
11N20SISO	Ant1	2412	0~Reference	4.00	4.00	---	PASS
11N20SISO	Ant1	2412	30~1000	4.00	-68.99	≤-26	PASS
11N20SISO	Ant1	2412	1000~26500	4.00	-54.71	≤-26	PASS
11N20SISO	Ant1	2437	0~Reference	4.17	4.17	---	PASS
11N20SISO	Ant1	2437	30~1000	4.17	-58.73	≤-25.83	PASS
11N20SISO	Ant1	2437	1000~26500	4.17	-54.77	≤-25.83	PASS
11N20SISO	Ant1	2462	0~Reference	3.50	3.50	---	PASS
11N20SISO	Ant1	2462	30~1000	3.50	-57.03	≤-26.5	PASS
11N20SISO	Ant1	2462	1000~26500	3.50	-54.31	≤-26.5	PASS
11N40SISO	Ant1	2422	0~Reference	1.47	1.47	---	PASS
11N40SISO	Ant1	2422	30~1000	1.47	-67.72	≤-28.53	PASS
11N40SISO	Ant1	2422	1000~26500	1.47	-53.99	≤-28.53	PASS
11N40SISO	Ant1	2437	0~Reference	1.60	1.60	---	PASS
11N40SISO	Ant1	2437	30~1000	1.60	-67.71	≤-28.4	PASS
11N40SISO	Ant1	2437	1000~26500	1.60	-55.11	≤-28.4	PASS
11N40SISO	Ant1	2452	0~Reference	1.16	1.16	---	PASS
11N40SISO	Ant1	2452	30~1000	1.16	-68.88	≤-28.84	PASS
11N40SISO	Ant1	2452	1000~26500	1.16	-55.1	≤-28.84	PASS
11AX20SISO	Ant1	2412	0~Reference	3.96	3.96	---	PASS

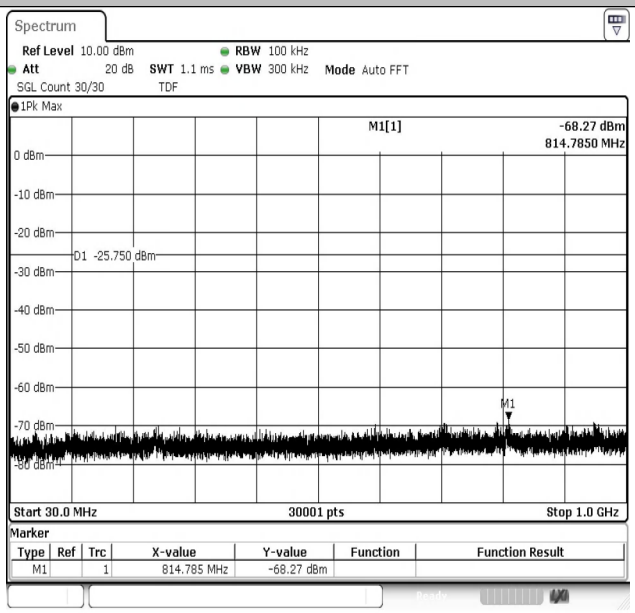
11AX20SISO	Ant1	2412	30~1000	3.96	-66.84	≤-26.04	PASS
11AX20SISO	Ant1	2412	1000~26500	3.96	-54.98	≤-26.04	PASS
11AX20SISO	Ant1	2437	0~Reference	3.82	3.82	---	PASS
11AX20SISO	Ant1	2437	30~1000	3.82	-68.18	≤-26.18	PASS
11AX20SISO	Ant1	2437	1000~26500	3.82	-55.24	≤-26.18	PASS
11AX20SISO	Ant1	2462	0~Reference	2.51	2.51	---	PASS
11AX20SISO	Ant1	2462	30~1000	2.51	-66.31	≤-27.49	PASS
11AX20SISO	Ant1	2462	1000~26500	2.51	-54.79	≤-27.49	PASS
11AX40SISO	Ant1	2422	0~Reference	1.37	1.37	---	PASS
11AX40SISO	Ant1	2422	30~1000	1.37	-68.77	≤-28.63	PASS
11AX40SISO	Ant1	2422	1000~26500	1.37	-54.97	≤-28.63	PASS
11AX40SISO	Ant1	2437	0~Reference	1.80	1.80	---	PASS
11AX40SISO	Ant1	2437	30~1000	1.80	-69.02	≤-28.2	PASS
11AX40SISO	Ant1	2437	1000~26500	1.80	-55.44	≤-28.2	PASS
11AX40SISO	Ant1	2452	0~Reference	1.40	1.40	---	PASS
11AX40SISO	Ant1	2452	30~1000	1.40	-69.37	≤-28.6	PASS
11AX40SISO	Ant1	2452	1000~26500	1.40	-54.64	≤-28.6	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'TDF' of the Spectrum Analyzer during the test.

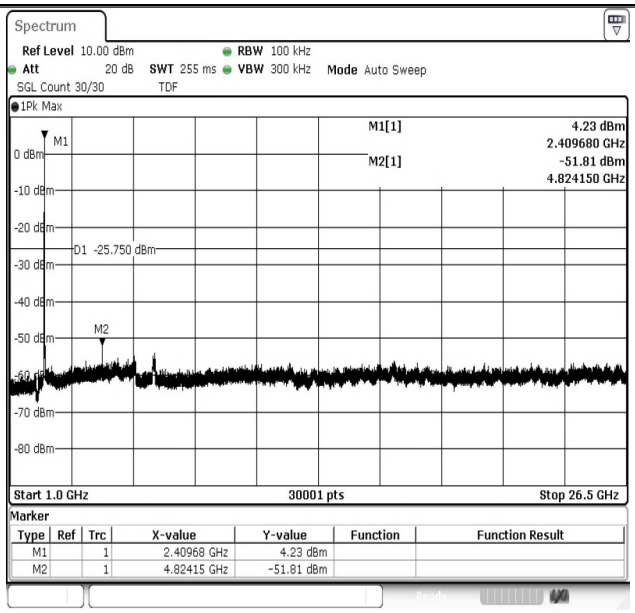
Test Graphs



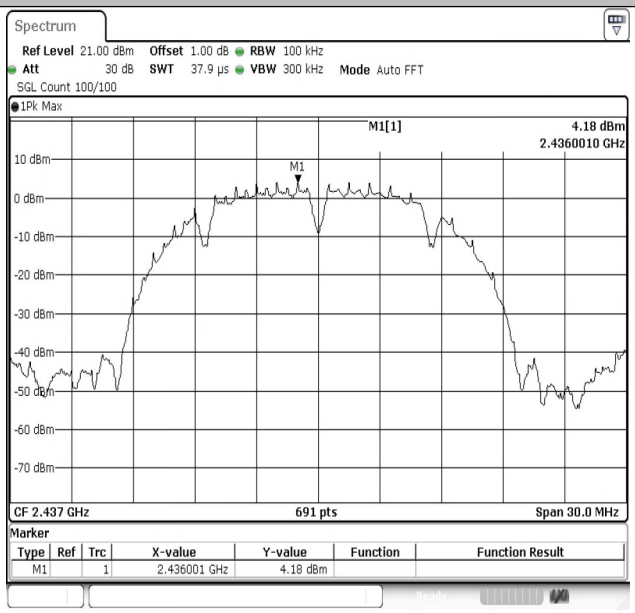
11B-Ant1-2412-0~Reference-PASS



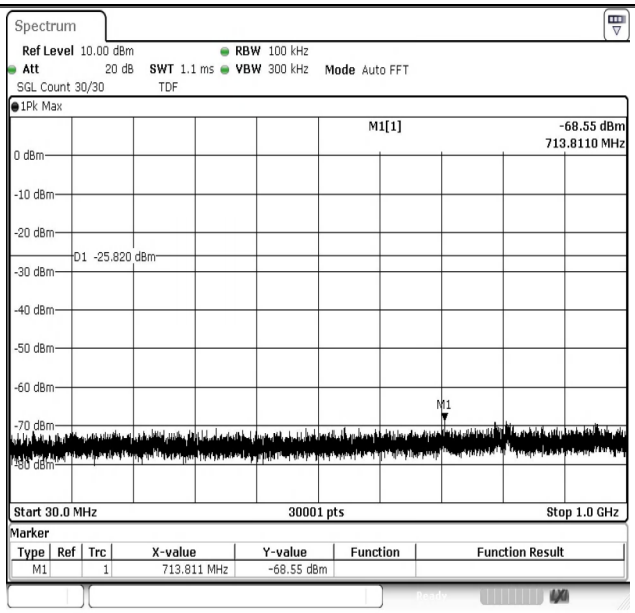
11B-Ant1-2412-30~1000-PASS



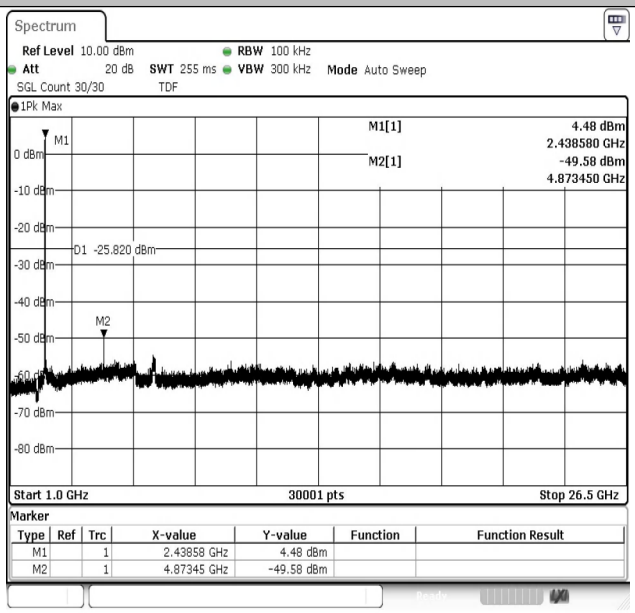
11B-Ant1-2412-1000~26500-PASS



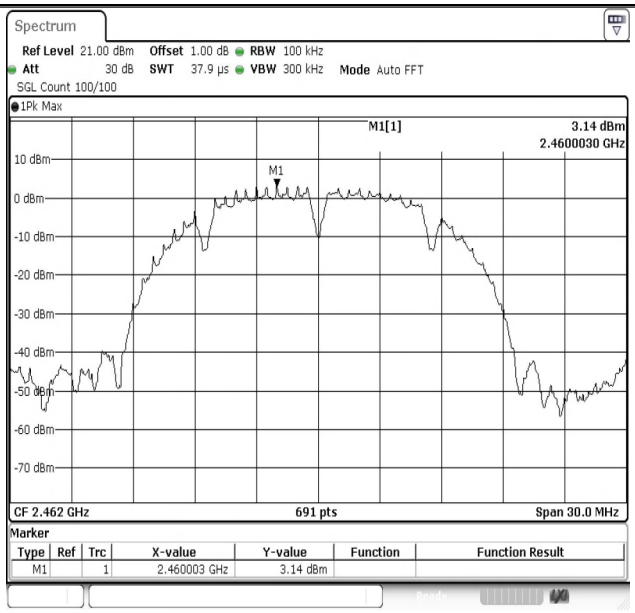
11B-Ant1-2437-0~Reference-PASS



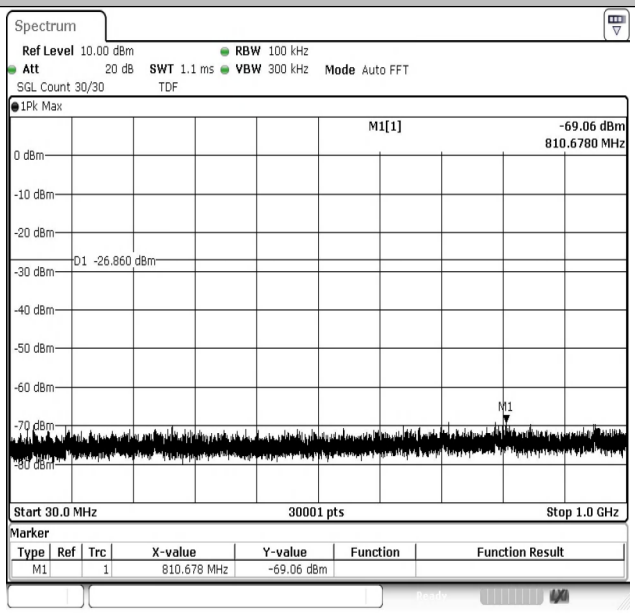
11B-Ant1-2437-30~1000-PASS



11B-Ant1-2437-1000~26500-PASS



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



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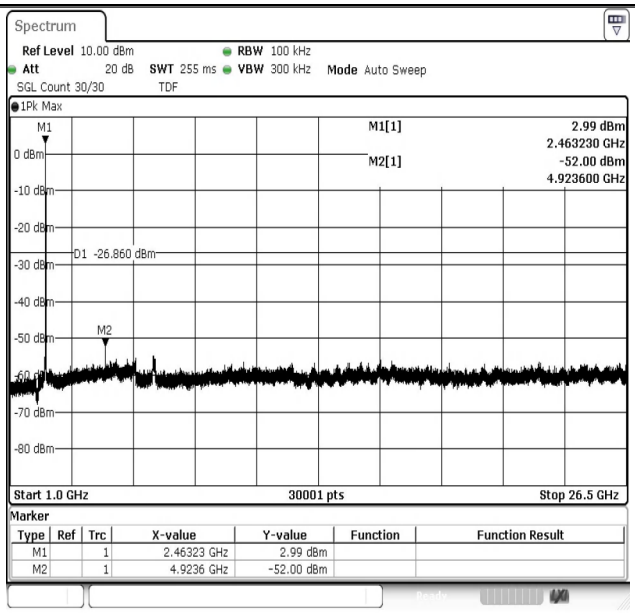
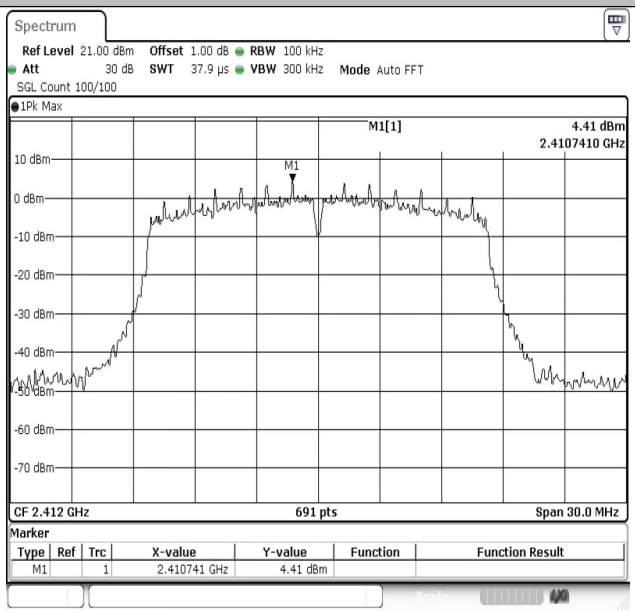


11B-Ant1-2462-1000~26500-PASS



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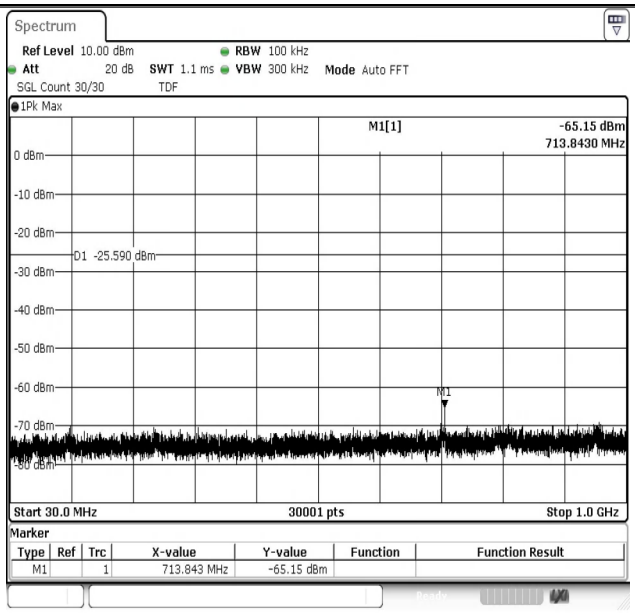
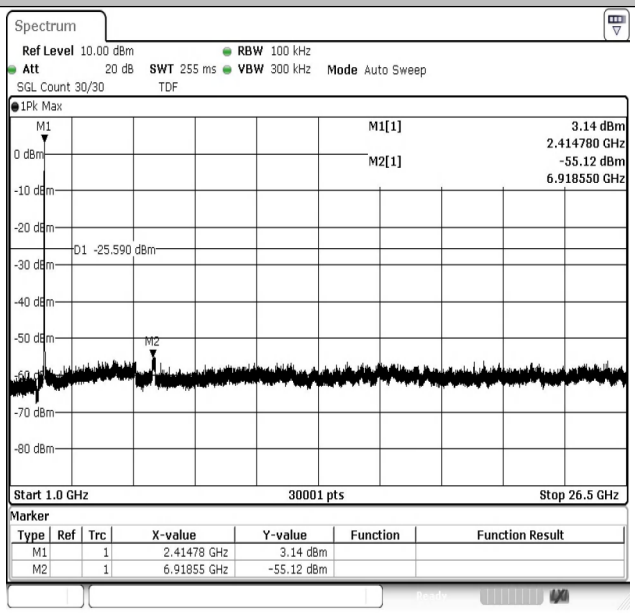
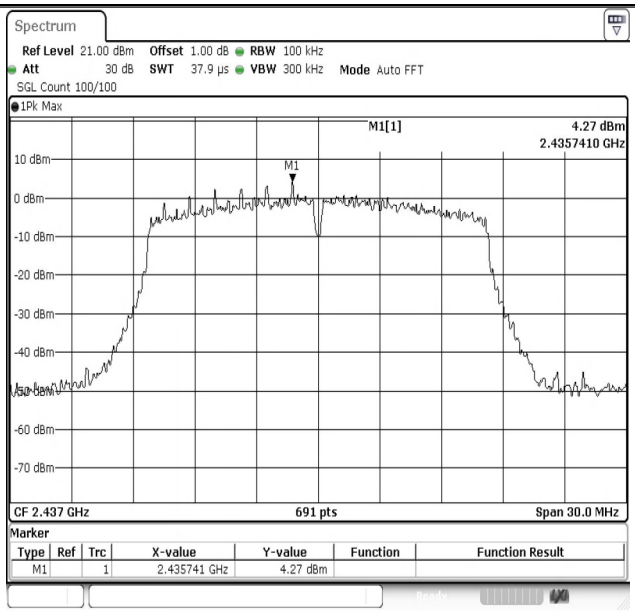


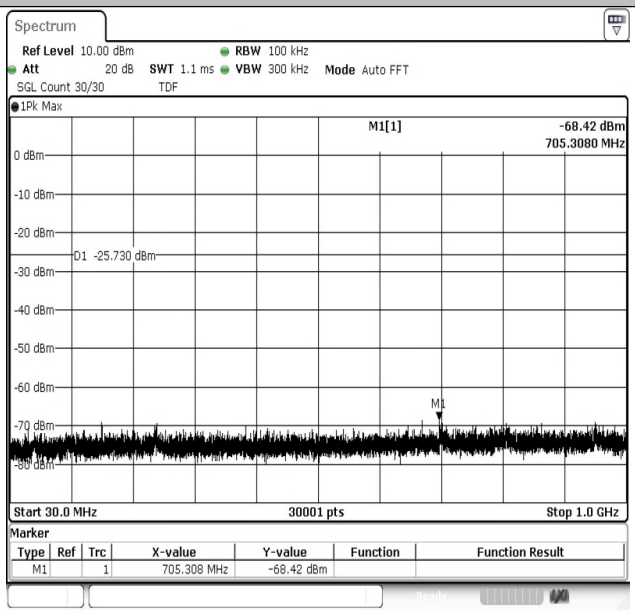
11G-Ant1-2412-30~1000-PASS



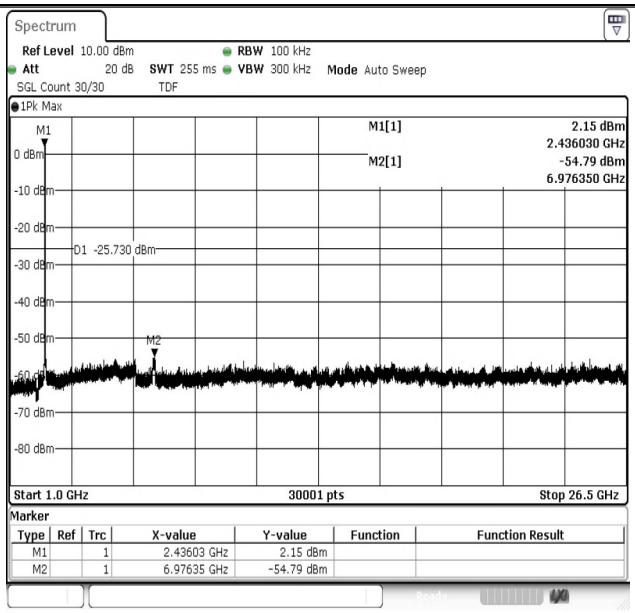
11G-Ant1-2412-1000~26500-PASS



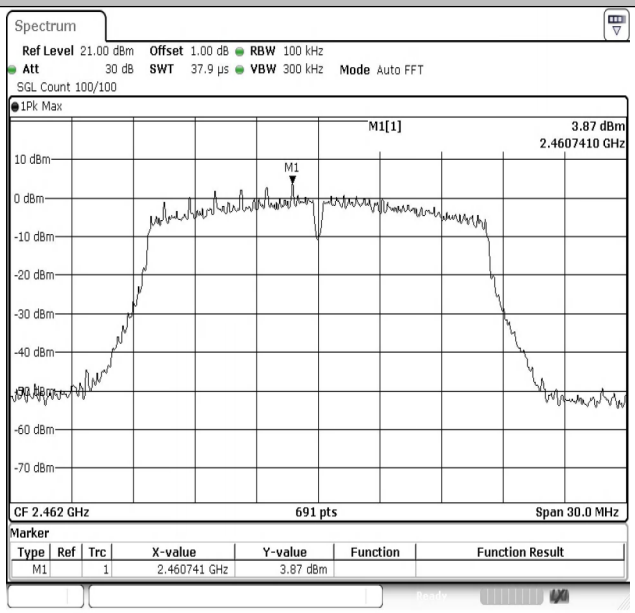
11G-Ant1-2437-0~Reference-PASS



11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~26500-PASS



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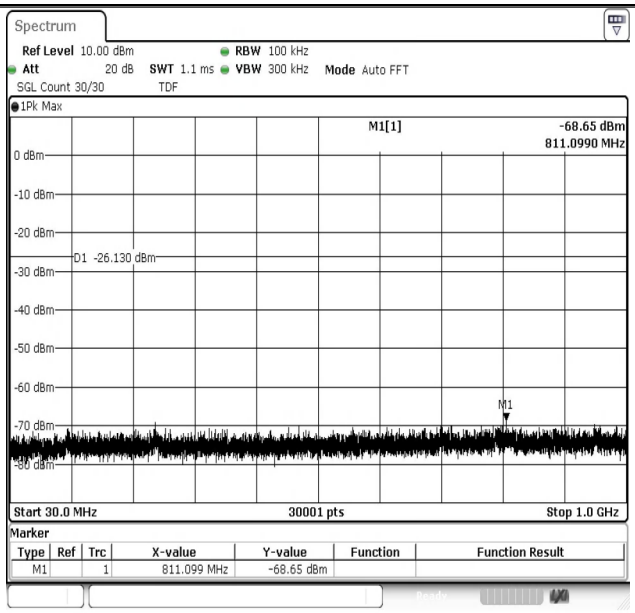
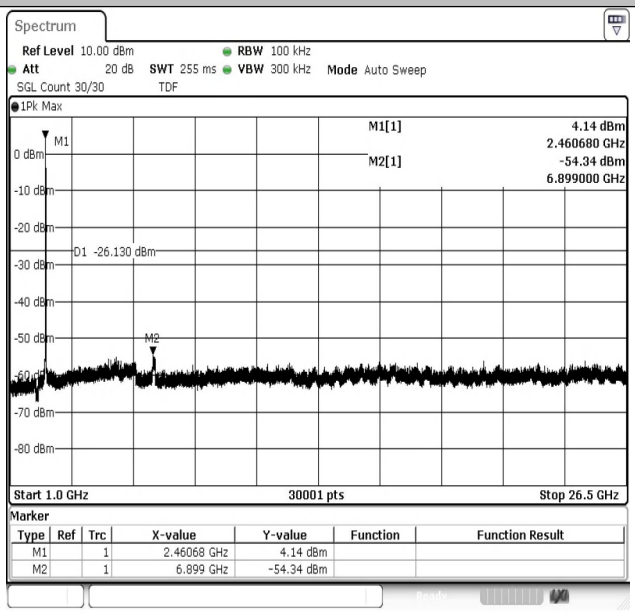


11G-Ant1-2462-30~1000-PASS



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