



Appendix D: Maximum power spectral density

Test Result

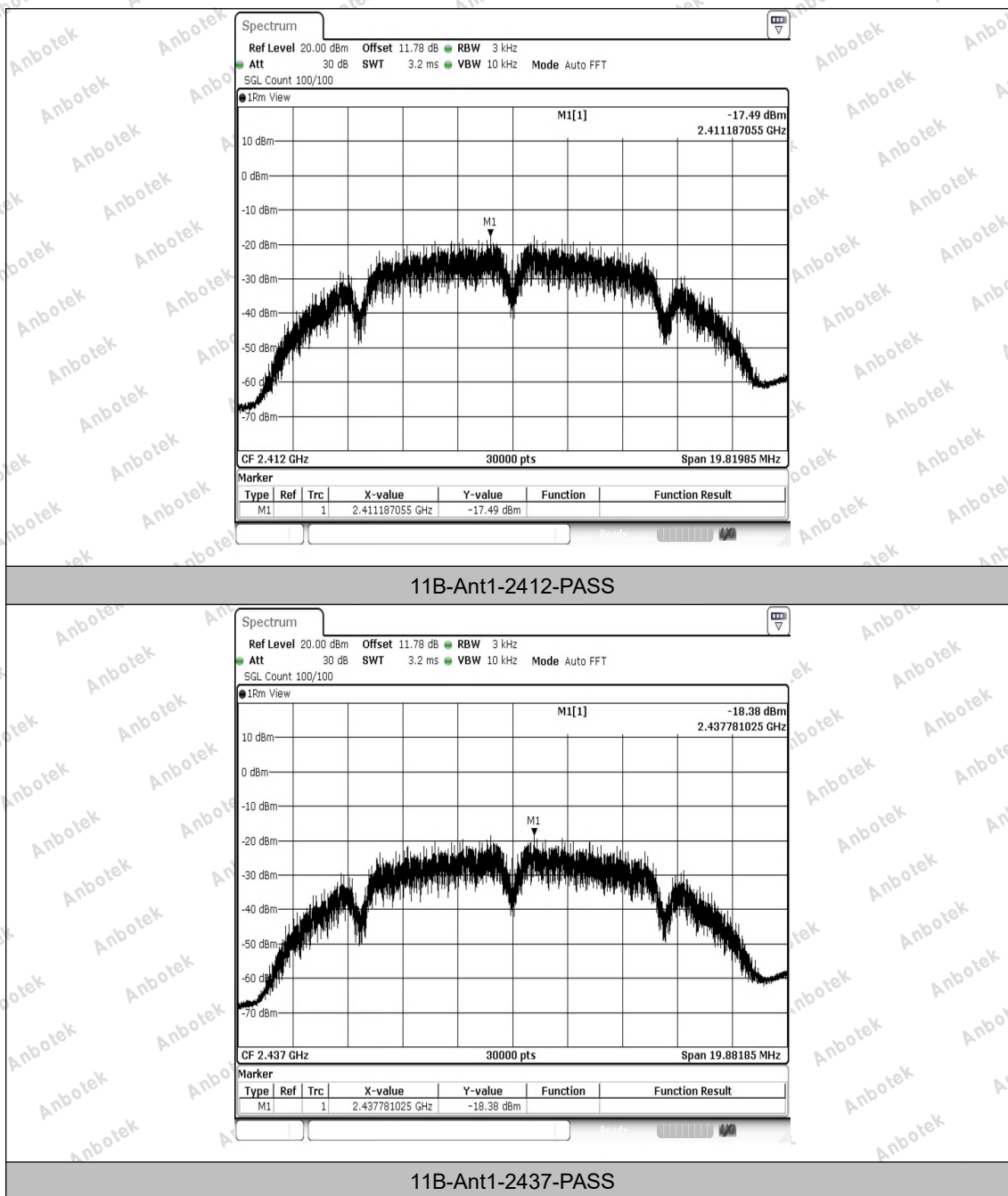
TestMode	Antenna	Frequenc y[MHz]	Reading Result[dB m/3kHz]	DC Factor [dB]	Result[dB m/3kHz]	Limit[dBm /3kHz]	Verdict
11B	Ant1	2412	-17.49	4.89	-12.60	≤8.00	PASS
11B	Ant1	2437	-18.38	4.89	-13.49	≤8.00	PASS
11B	Ant1	2462	-18.49	4.89	-13.60	≤8.00	PASS
11G	Ant1	2412	-22.31	4.92	-17.39	≤8.00	PASS
11G	Ant1	2437	-23.17	4.92	-18.25	≤8.00	PASS
11G	Ant1	2462	-24.04	4.92	-19.12	≤8.00	PASS
11N20SIS O	Ant1	2412	-24.74	5.05	-19.69	≤8.00	PASS
11N20SIS O	Ant1	2437	-24.78	5.02	-19.76	≤8.00	PASS
11N20SIS O	Ant1	2462	-25.03	5.02	-20.01	≤8.00	PASS
11N40SIS O	Ant1	2422	-28.20	4.94	-23.26	≤8.00	PASS
11N40SIS O	Ant1	2437	-27.39	4.92	-22.47	≤8.00	PASS
11N40SIS O	Ant1	2452	-27.47	4.94	-22.53	≤8.00	PASS

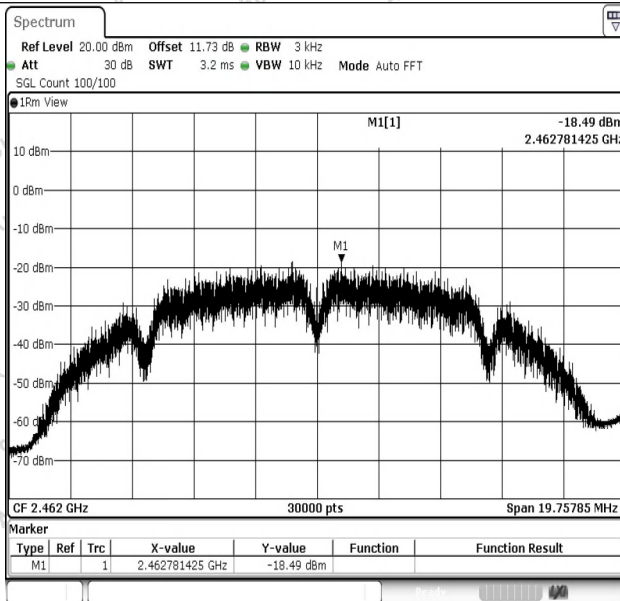
Note:

1. The cable loss are compensated in the graph.

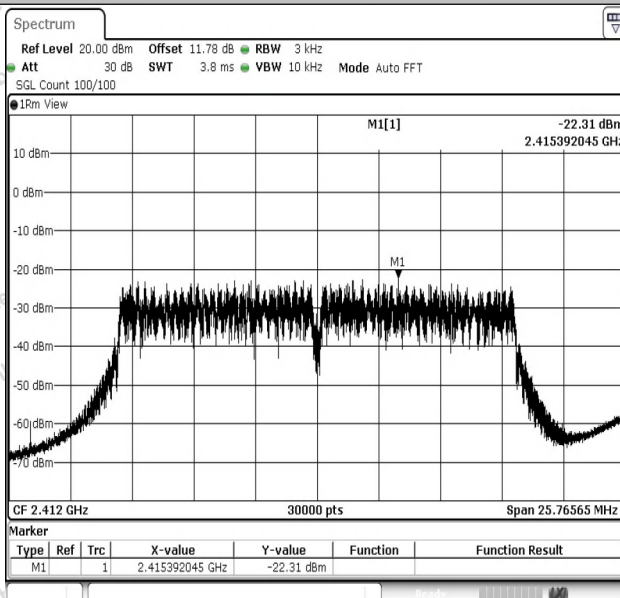


Test Graphs



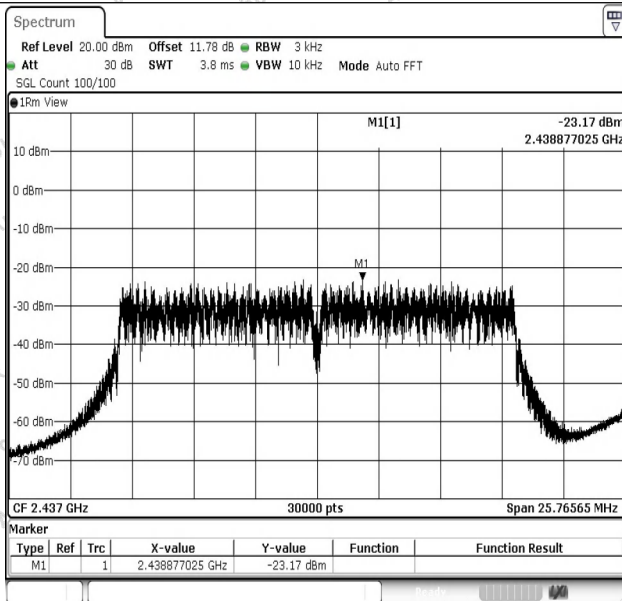


11B-Ant1-2462-PASS

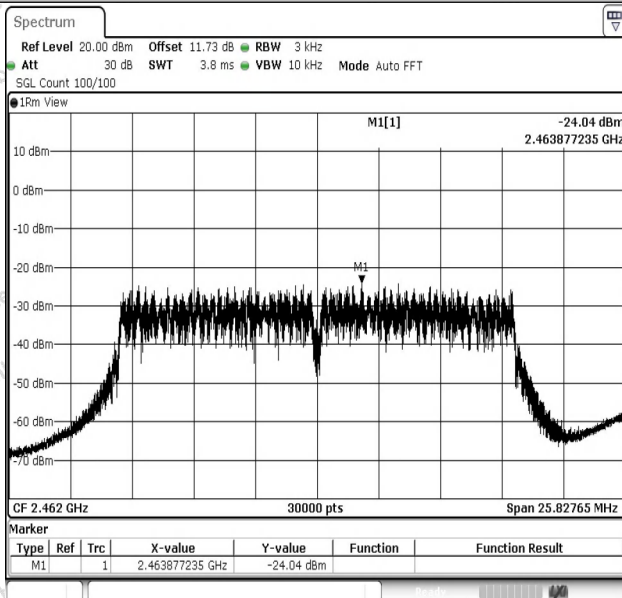


11G-Ant1-2412-PASS



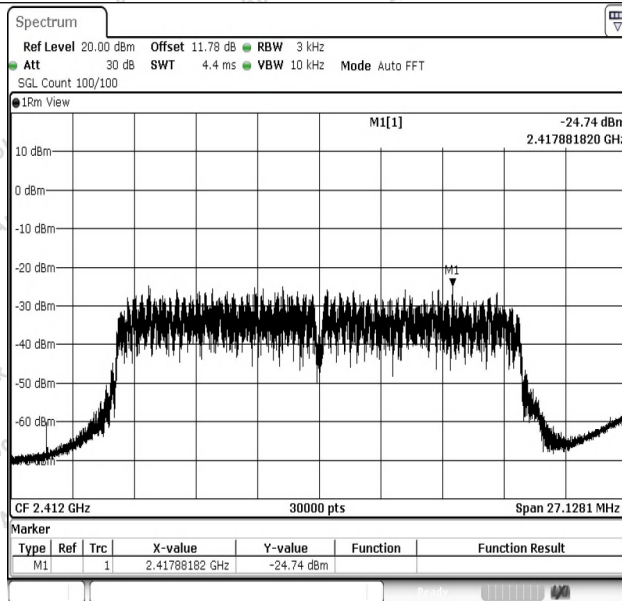


11G-Ant1-2437-PASS

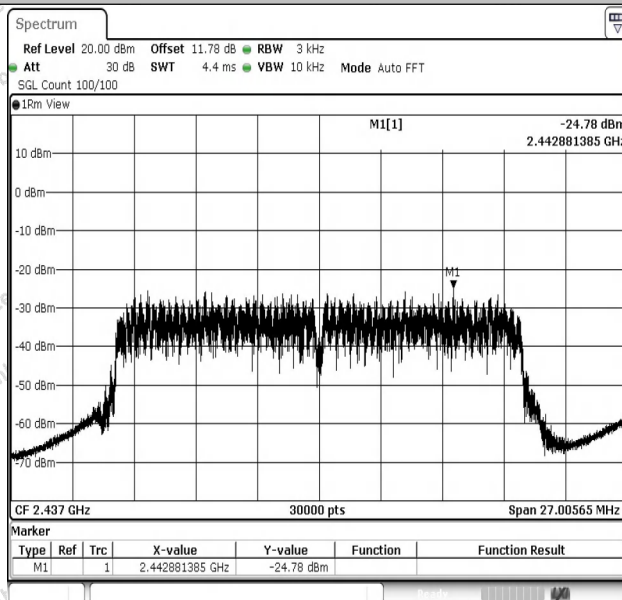


11G-Ant1-2462-PASS



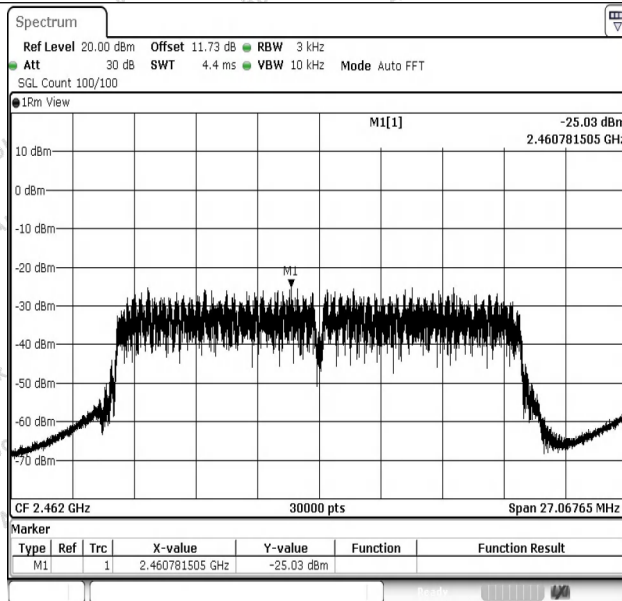


11N20SISO-Ant1-2412-PASS

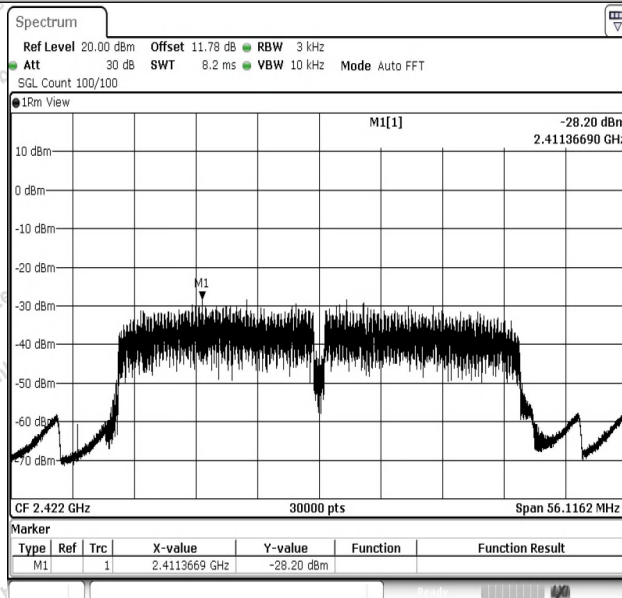


11N20SISO-Ant1-2437-PASS



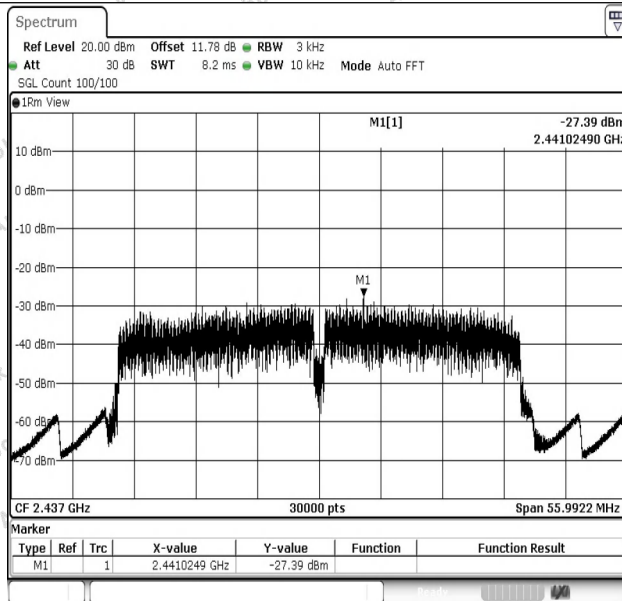


11N20SISO-Ant1-2462-PASS

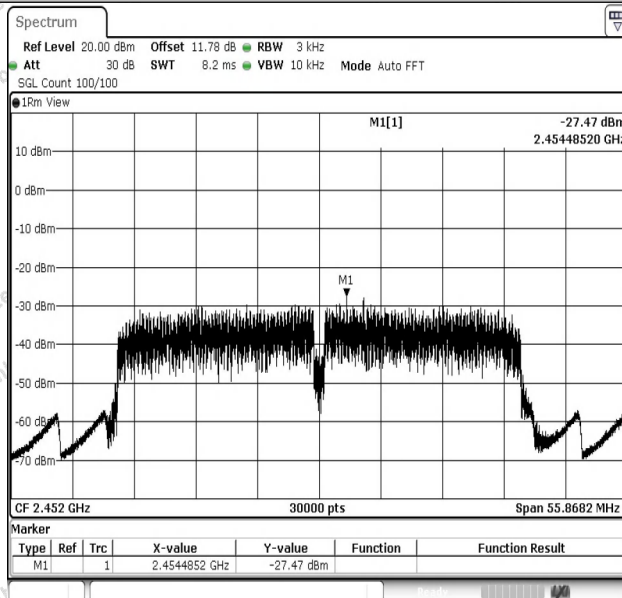


11N40SISO-Ant1-2422-PASS





11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



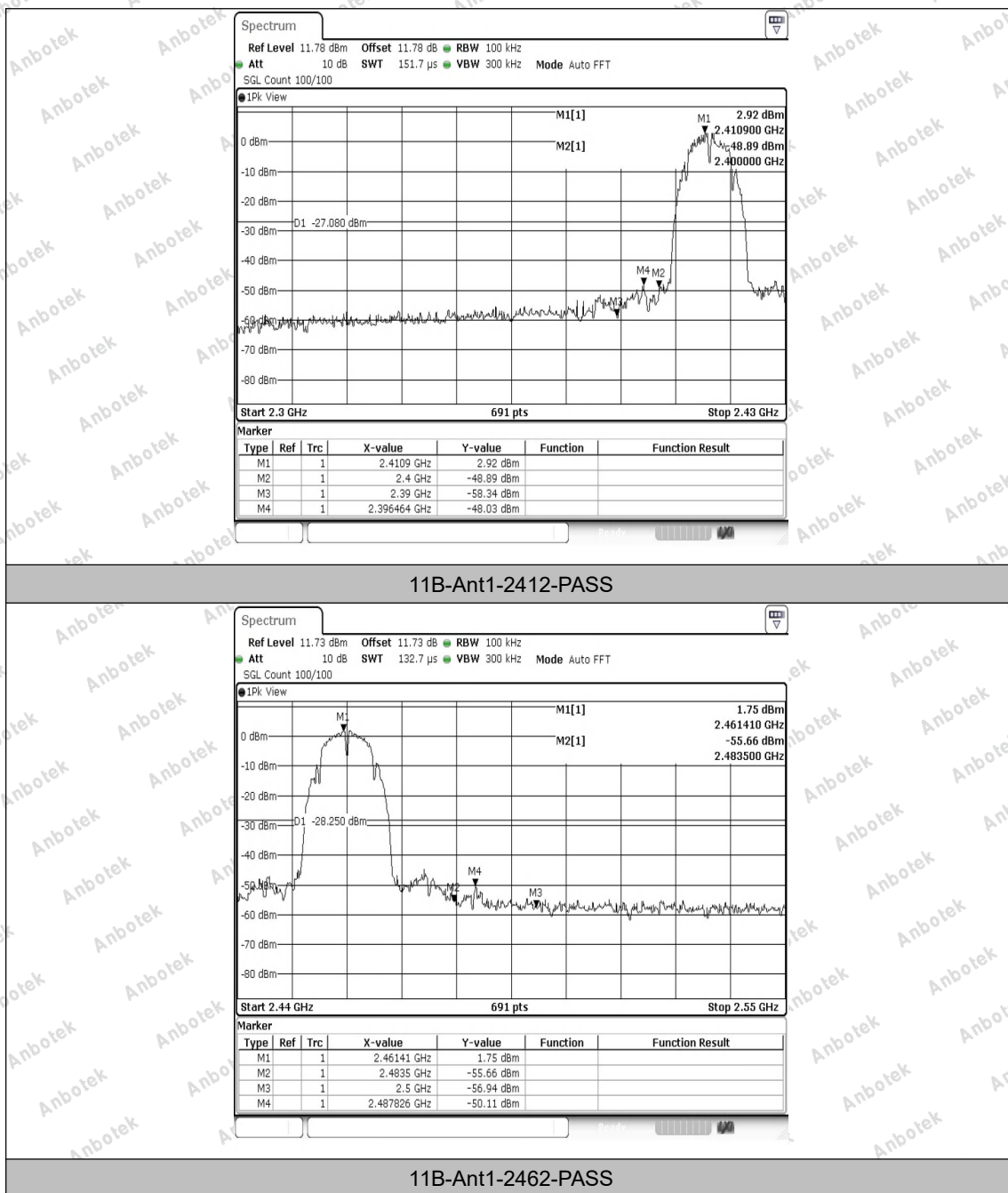
Appendix E: Band edge measurements

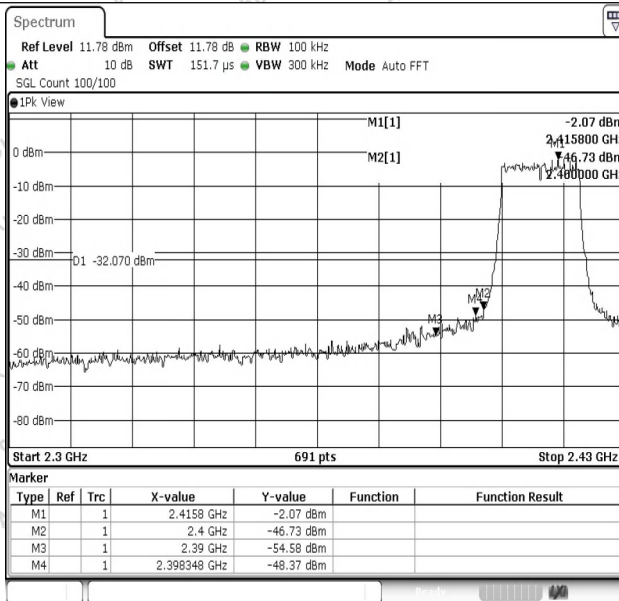
Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.92	-48.03	≤-27.08	PASS
11B	Ant1	High	2462	1.75	-50.11	≤-28.25	PASS
11G	Ant1	Low	2412	-2.07	-48.37	≤-32.07	PASS
11G	Ant1	High	2462	-0.61	-51.1	≤-30.61	PASS
11N20SISO	Ant1	Low	2412	-1.33	-50.87	≤-31.33	PASS
11N20SISO	Ant1	High	2462	-3.67	-55.7	≤-33.67	PASS
11N40SISO	Ant1	Low	2422	-6.89	-48.69	≤-36.89	PASS
11N40SISO	Ant1	High	2452	-8.01	-51.98	≤-38.01	PASS

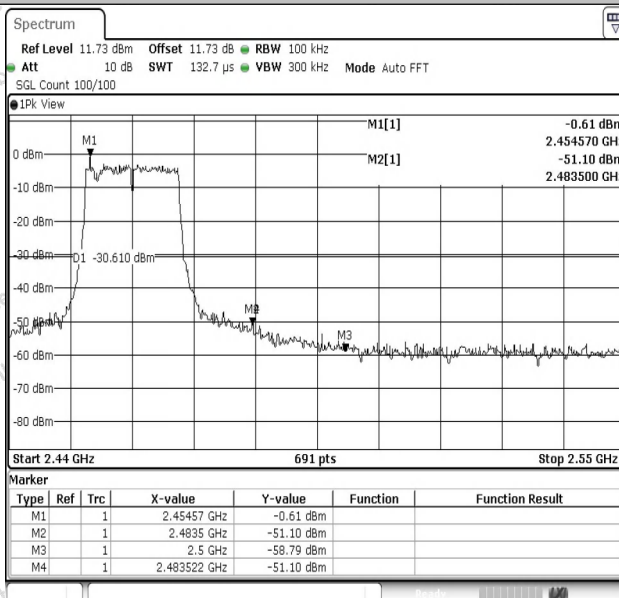


Test Graphs



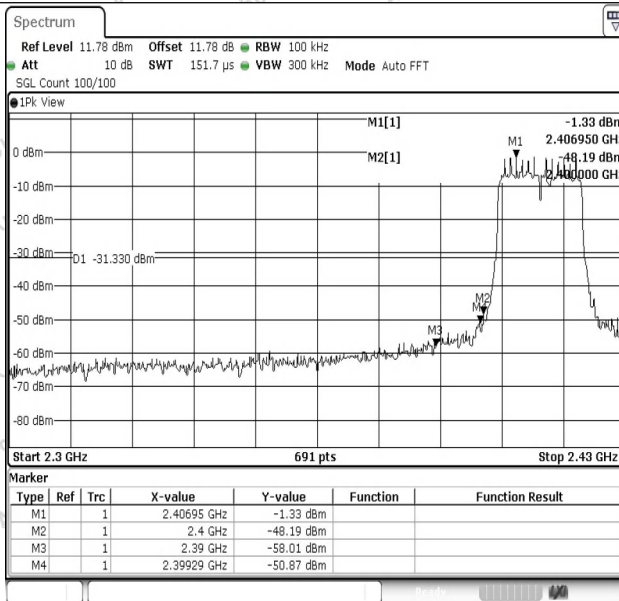


11G-Ant1-2412-PASS

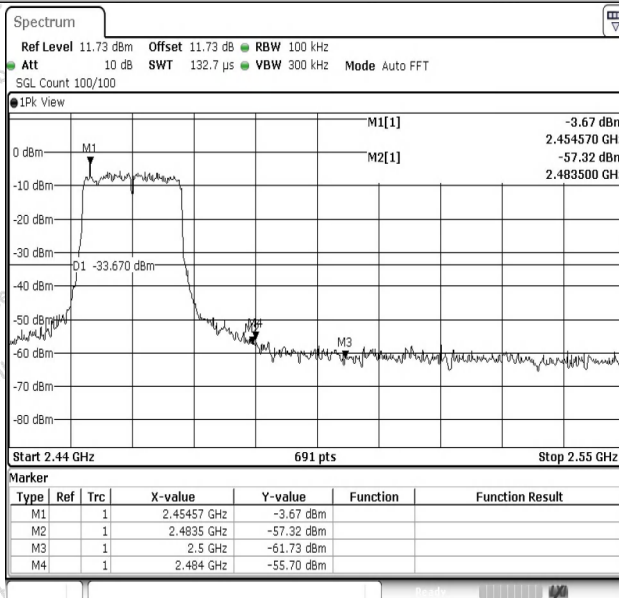


11G-Ant1-2462-PASS



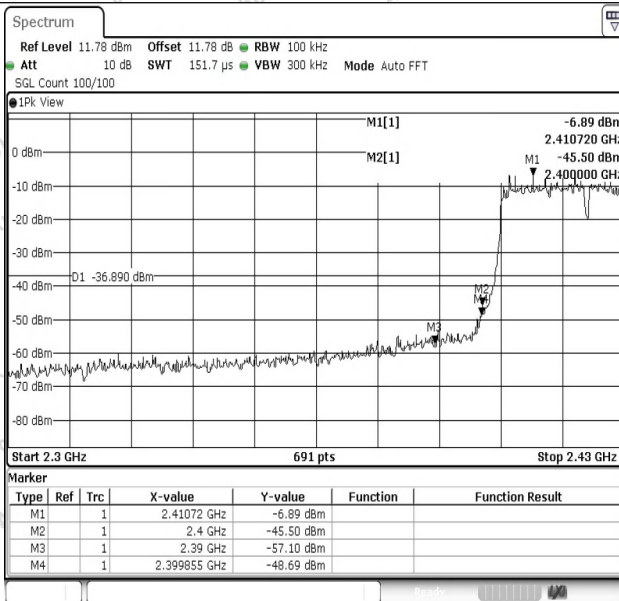


11N20SISO-Ant1-2412-PASS

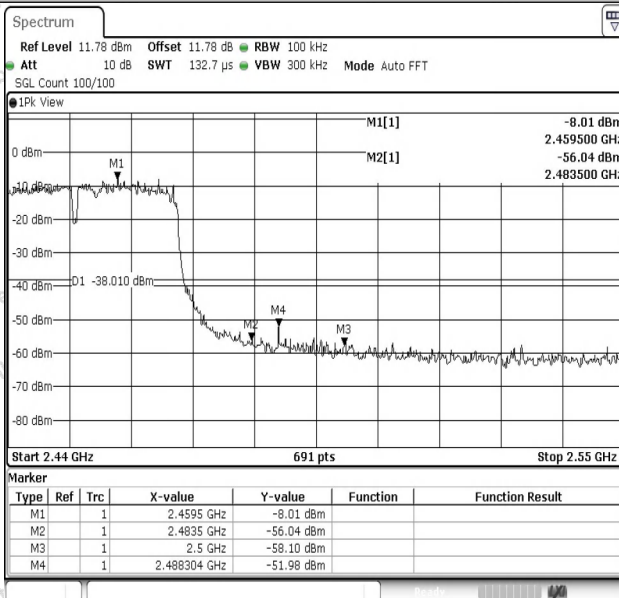


11N20SISO-Ant1-2462-PASS





11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



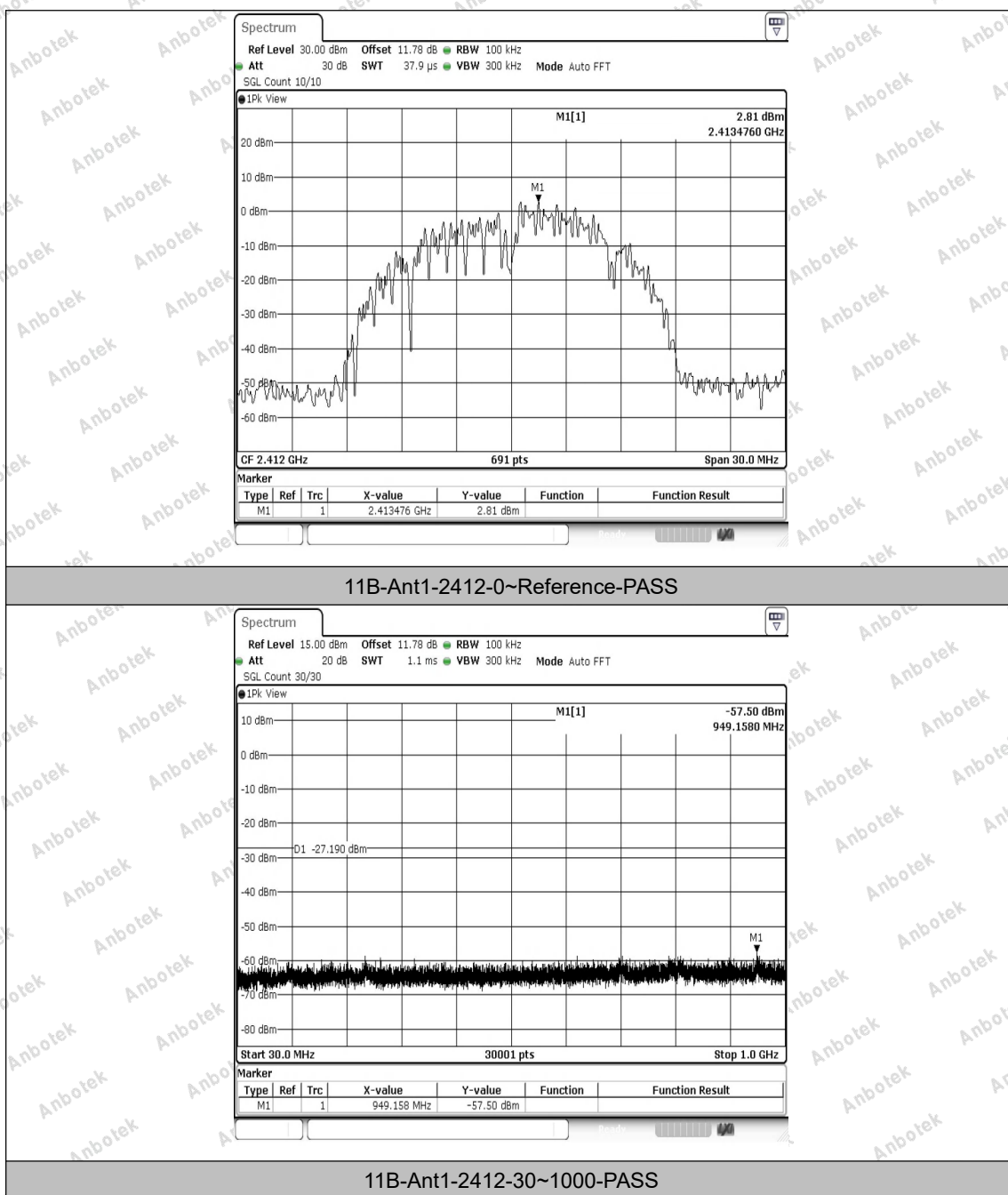
Appendix F: Conducted Spurious Emission

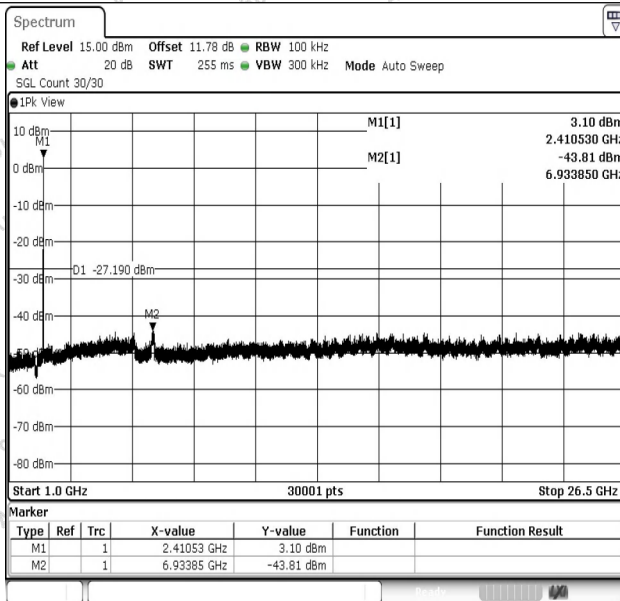
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	2.81	2.81	---	PASS
11B	Ant1	2412	30~1000	2.81	-57.5	≤-27.19	PASS
11B	Ant1	2412	1000~26500	2.81	-43.81	≤-27.19	PASS
11B	Ant1	2437	0~Reference	0.18	0.18	---	PASS
11B	Ant1	2437	30~1000	0.18	-57.72	≤-29.82	PASS
11B	Ant1	2437	1000~26500	0.18	-43.84	≤-29.82	PASS
11B	Ant1	2462	0~Reference	0.59	0.59	---	PASS
11B	Ant1	2462	30~1000	0.59	-57.95	≤-29.41	PASS
11B	Ant1	2462	1000~26500	0.59	-43.85	≤-29.41	PASS
11G	Ant1	2412	0~Reference	-3.80	-3.80	---	PASS
11G	Ant1	2412	30~1000	-3.80	-57.52	≤-33.8	PASS
11G	Ant1	2412	1000~26500	-3.80	-43.9	≤-33.8	PASS
11G	Ant1	2437	0~Reference	-4.30	-4.30	---	PASS
11G	Ant1	2437	30~1000	-4.30	-57.07	≤-34.3	PASS
11G	Ant1	2437	1000~26500	-4.30	-44.13	≤-34.3	PASS
11G	Ant1	2462	0~Reference	-3.60	-3.60	---	PASS
11G	Ant1	2462	30~1000	-3.60	-57.48	≤-33.6	PASS
11G	Ant1	2462	1000~26500	-3.60	-44.09	≤-33.6	PASS
11N20SISO	Ant1	2412	0~Reference	-6.21	-6.21	---	PASS
11N20SISO	Ant1	2412	30~1000	-6.21	-58.29	≤-36.21	PASS
11N20SISO	Ant1	2412	1000~26500	-6.21	-43.35	≤-36.21	PASS
11N20SISO	Ant1	2437	0~Reference	-7.42	-7.42	---	PASS
11N20SISO	Ant1	2437	30~1000	-7.42	-57.6	≤-37.42	PASS
11N20SISO	Ant1	2437	1000~26500	-7.42	-42.39	≤-37.42	PASS
11N20SISO	Ant1	2462	0~Reference	-3.18	-3.18	---	PASS
11N20SISO	Ant1	2462	30~1000	-3.18	-58.11	≤-33.18	PASS
11N20SISO	Ant1	2462	1000~26500	-3.18	-43.89	≤-33.18	PASS
11N40SISO	Ant1	2422	0~Reference	-9.98	-9.98	---	PASS
11N40SISO	Ant1	2422	30~1000	-9.98	-58.5	≤-39.98	PASS
11N40SISO	Ant1	2422	1000~26500	-9.98	-43.86	≤-39.98	PASS
11N40SISO	Ant1	2437	0~Reference	-9.68	-9.68	---	PASS
11N40SISO	Ant1	2437	30~1000	-9.68	-57.68	≤-39.68	PASS
11N40SISO	Ant1	2437	1000~26500	-9.68	-42.59	≤-39.68	PASS
11N40SISO	Ant1	2452	0~Reference	-9.32	-9.32	---	PASS
11N40SISO	Ant1	2452	30~1000	-9.32	-56.96	≤-39.32	PASS
11N40SISO	Ant1	2452	1000~26500	-9.32	-43.76	≤-39.32	PASS

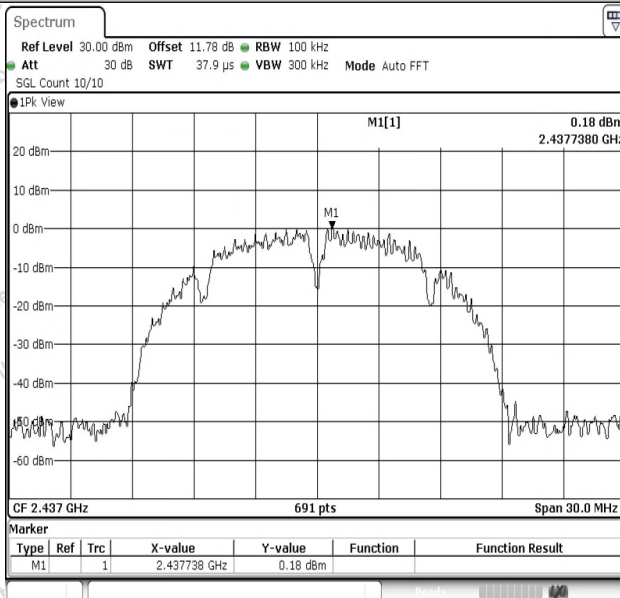


Test Graphs



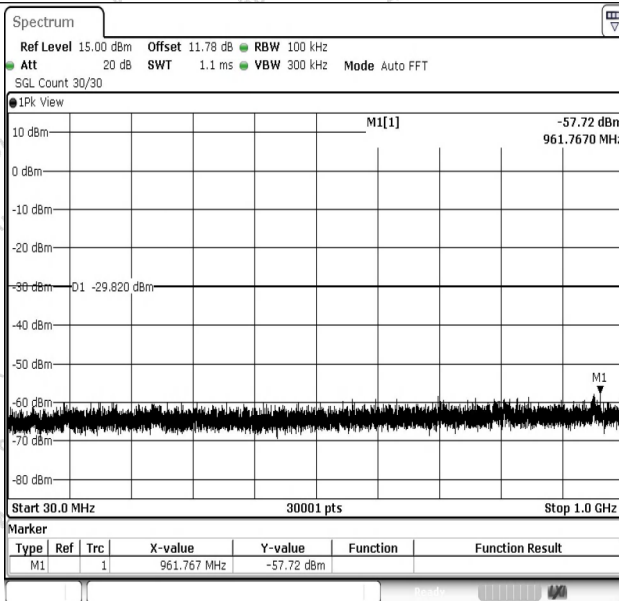


11B-Ant1-2412-1000~26500-PASS

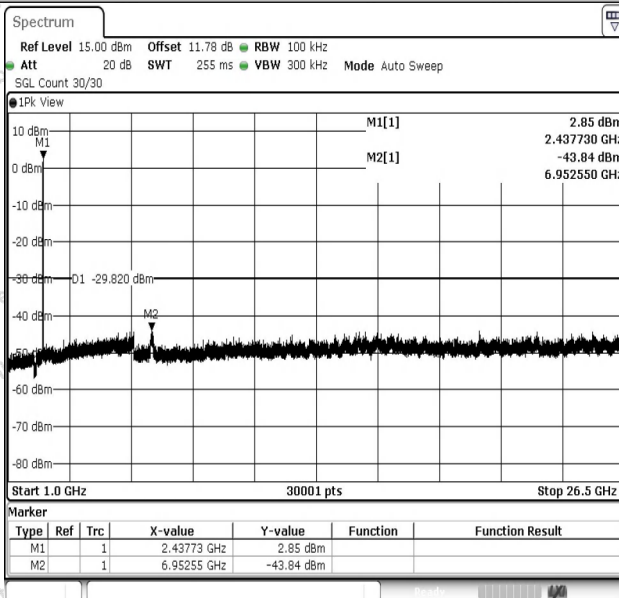


11B-Ant1-2437-0~Reference-PASS



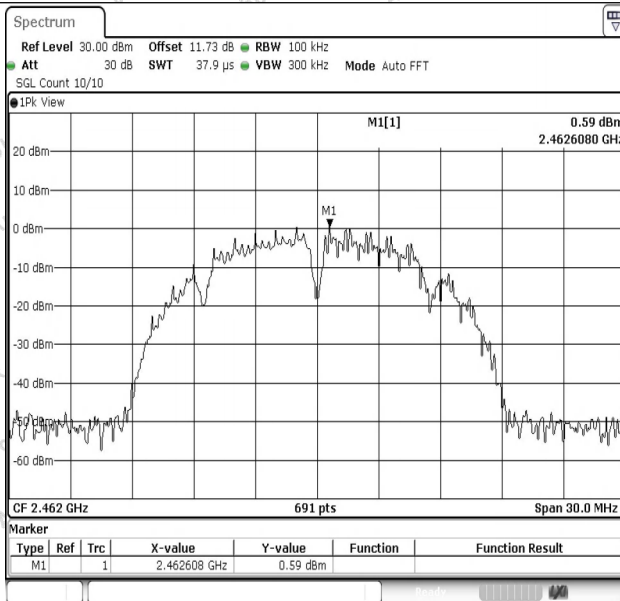


11B-Ant1-2437-30~1000-PASS

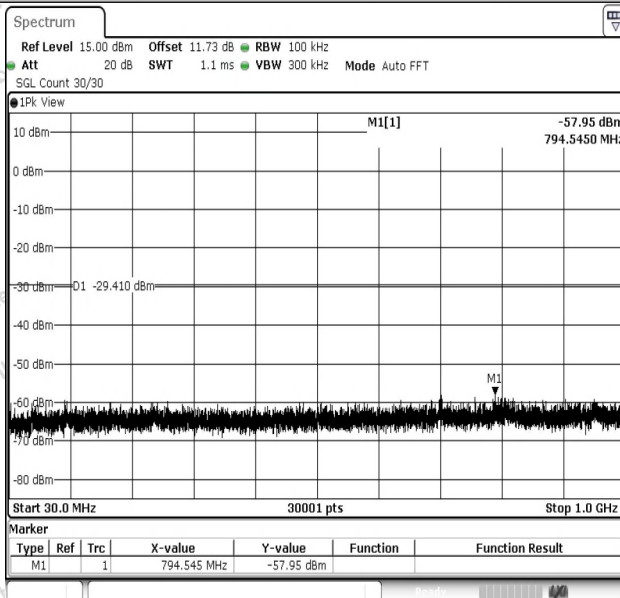


11B-Ant1-2437-1000~26500-PASS



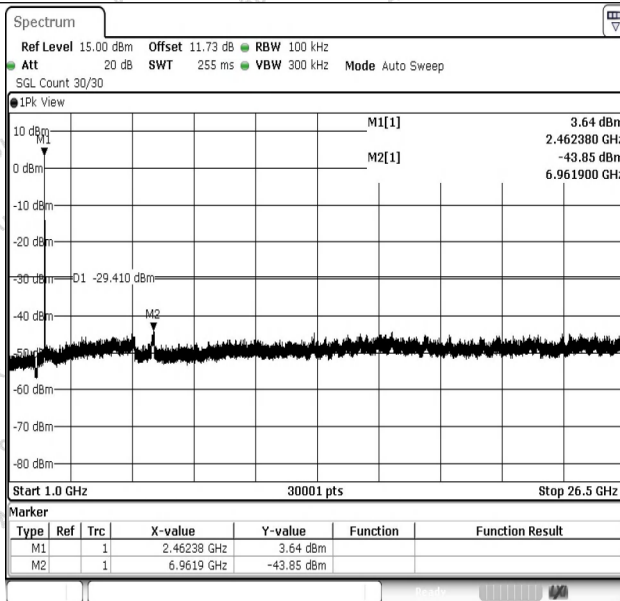


11B-Ant1-2462-0~Reference-PASS

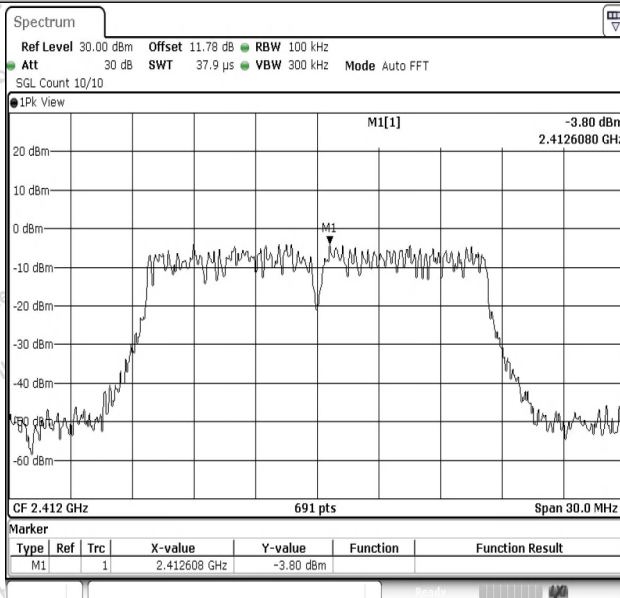


11B-Ant1-2462-30~1000-PASS





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



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



