

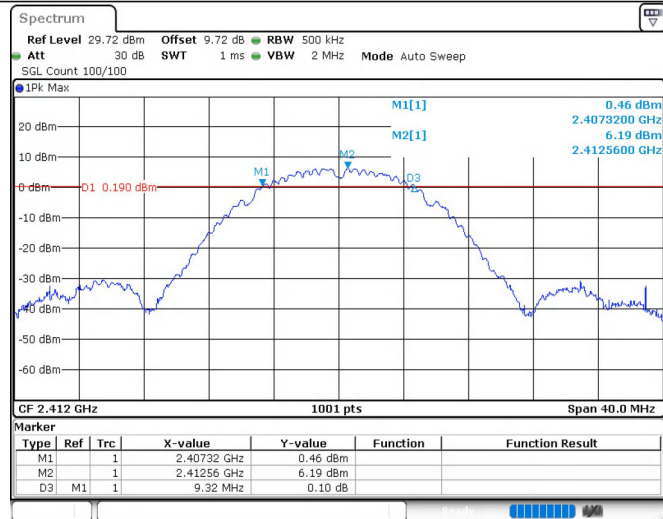
Appendix A: DTS Bandwidth

Test Result

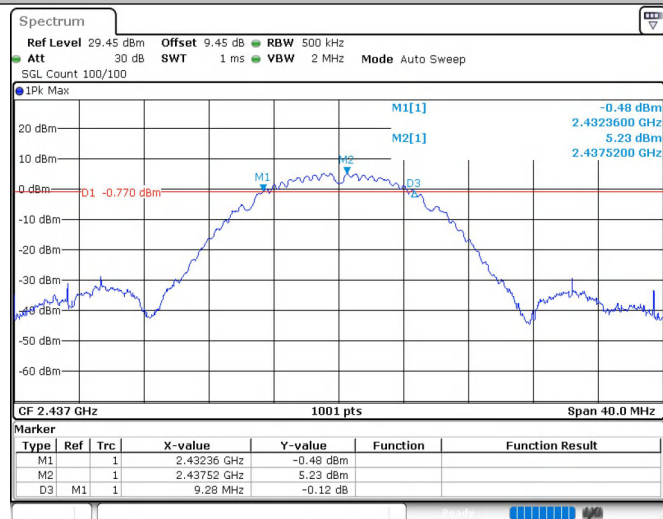
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.32	2407.32	2416.64	0.5	PASS
		2437	9.28	2432.36	2441.64	0.5	PASS
		2462	9.28	2457.36	2466.64	0.5	PASS
11G	Ant1	2412	16.56	2403.68	2420.24	0.5	PASS
		2437	16.64	2428.68	2445.32	0.5	PASS
		2462	16.56	2453.76	2470.32	0.5	PASS
11N20SISO	Ant1	2412	17.64	2403.16	2420.80	0.5	PASS
		2437	17.56	2428.24	2445.80	0.5	PASS
		2462	17.92	2453.04	2470.96	0.5	PASS

Test Graphs

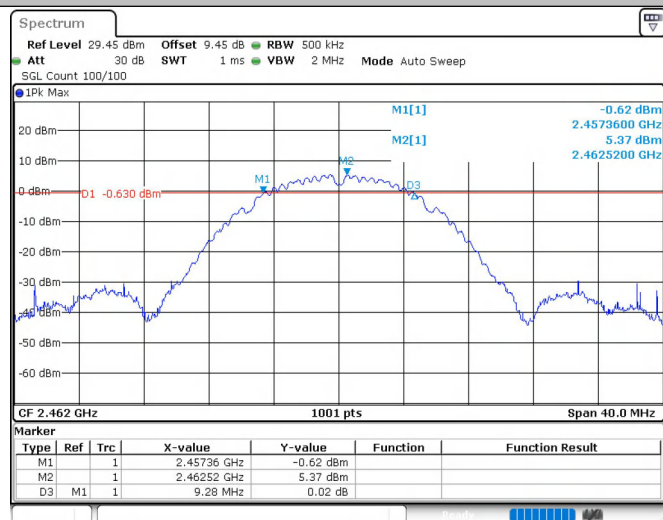
11B_Ant1_2412



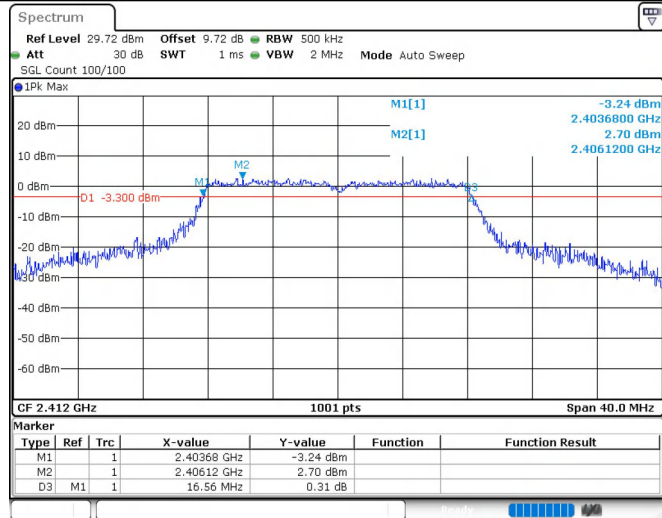
11B_Ant1_2437



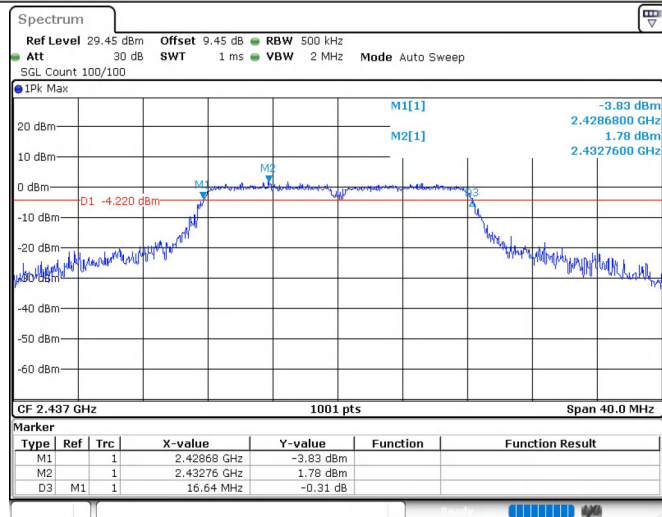
11B_Ant1_2462



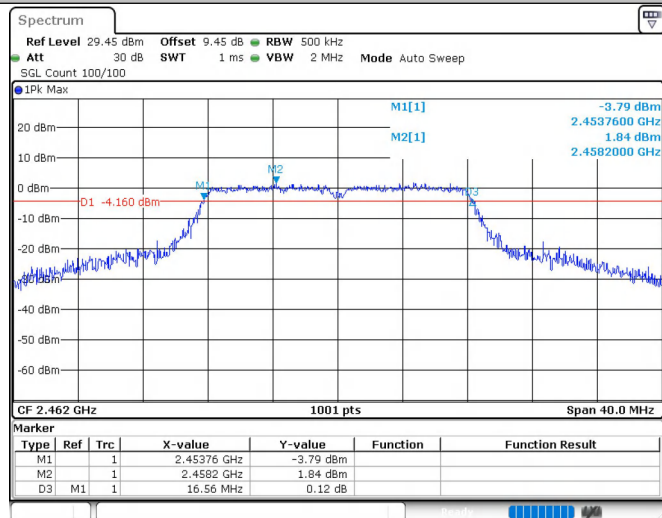
11G_Ant1_2412



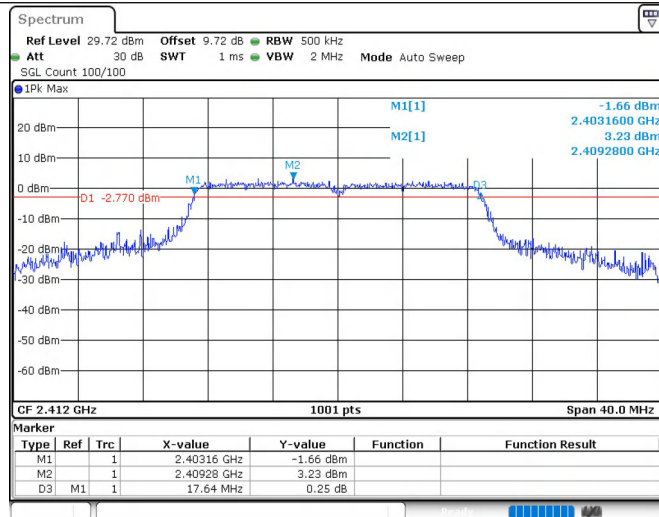
11G_Ant1_2437



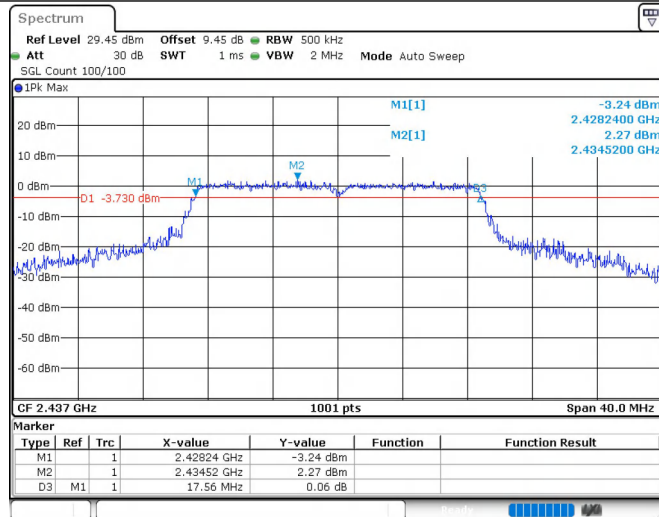
11G_Ant1_2462



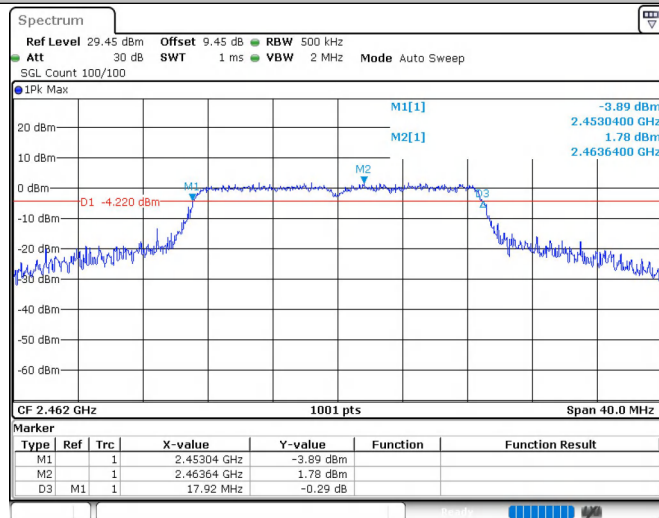
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

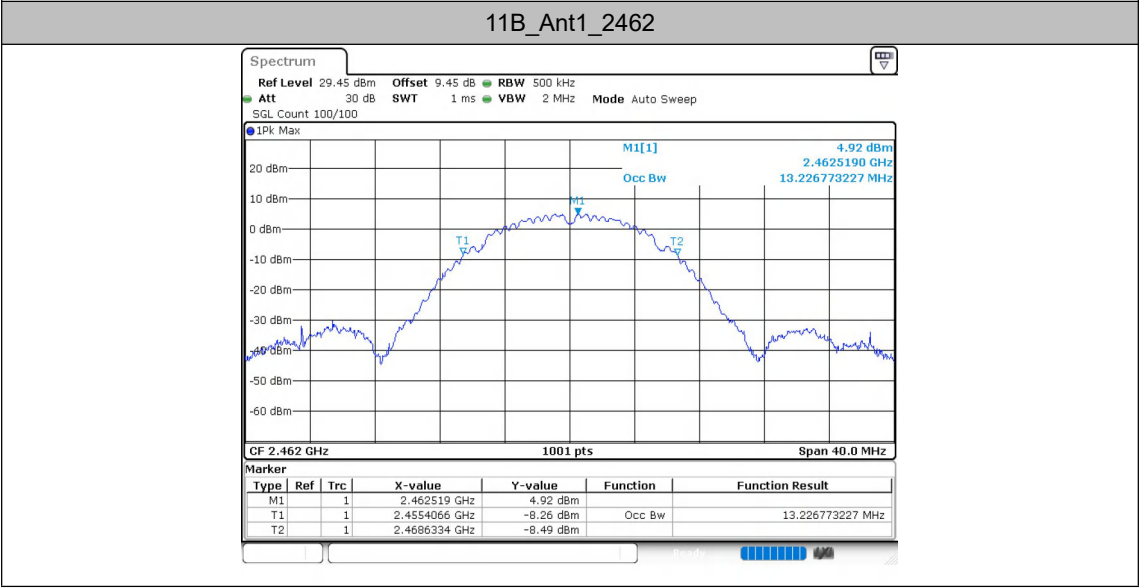
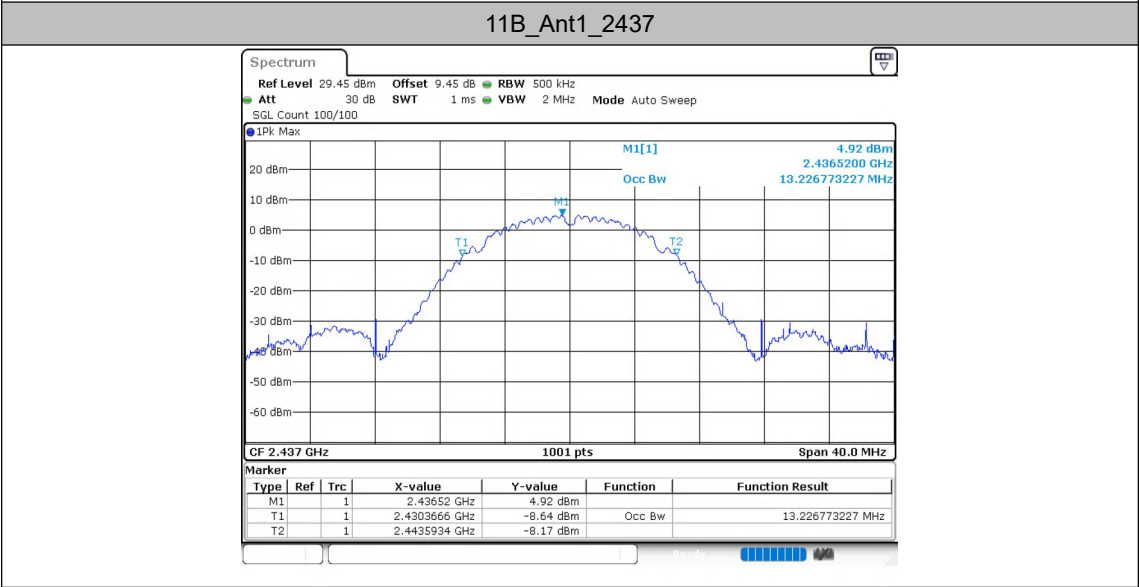
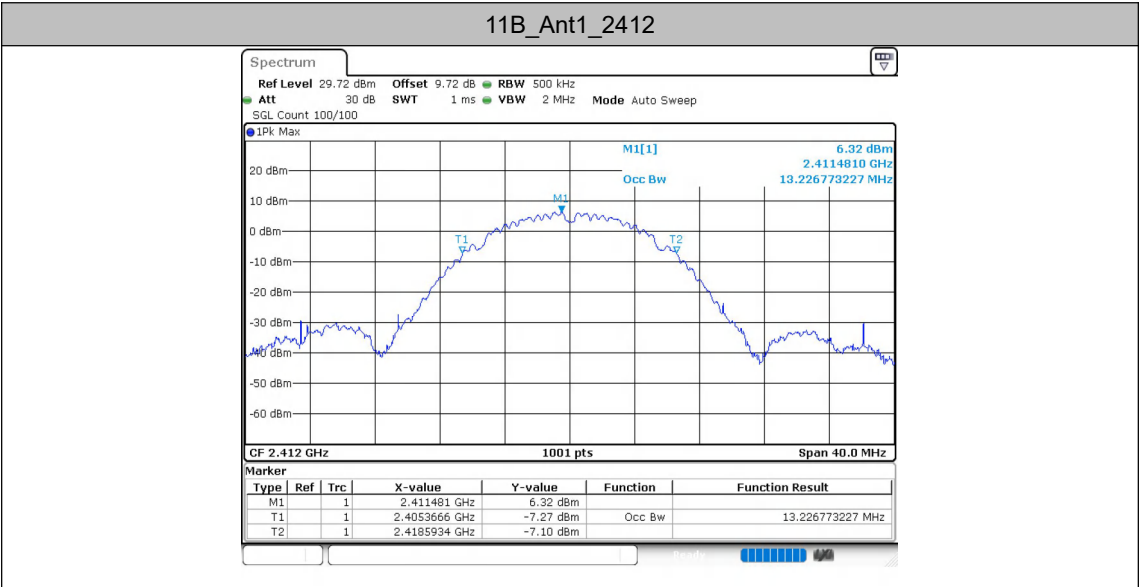


Appendix B: Occupied Channel Bandwidth

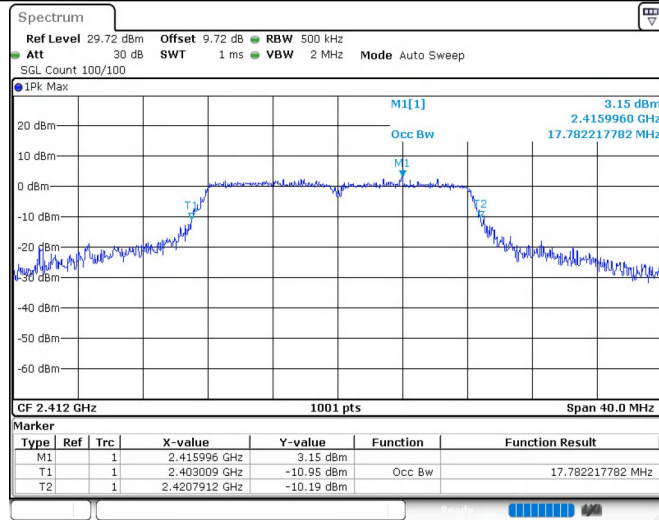
Test Result

TestMode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.227	---	---
		2437	13.227	---	---
		2462	13.227	---	---
11G	Ant1	2412	17.782	---	---
		2437	17.782	---	---
		2462	17.822	---	---
11N20SISO	Ant1	2412	19.66	---	---
		2437	19.74	---	---
		2462	19.74	---	---

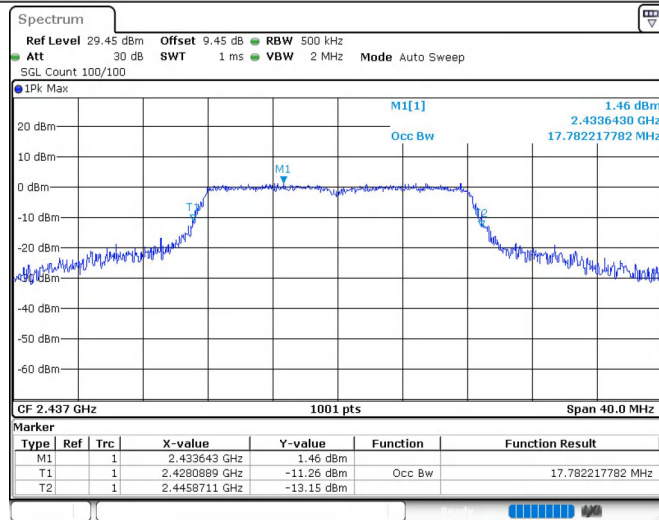
Test Graphs



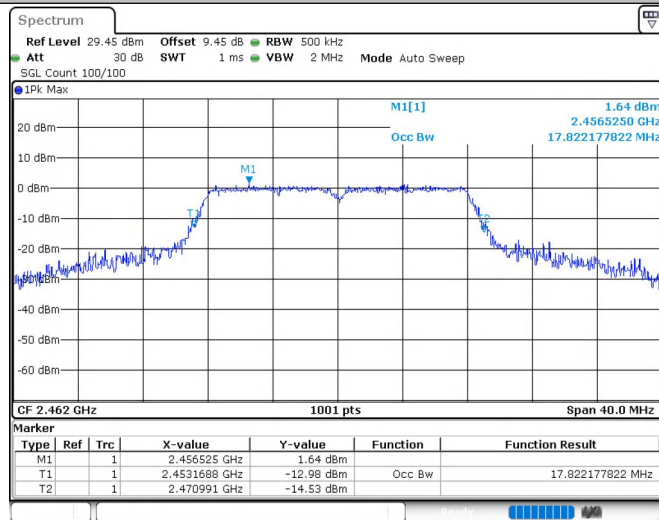
11G_Ant1_2412



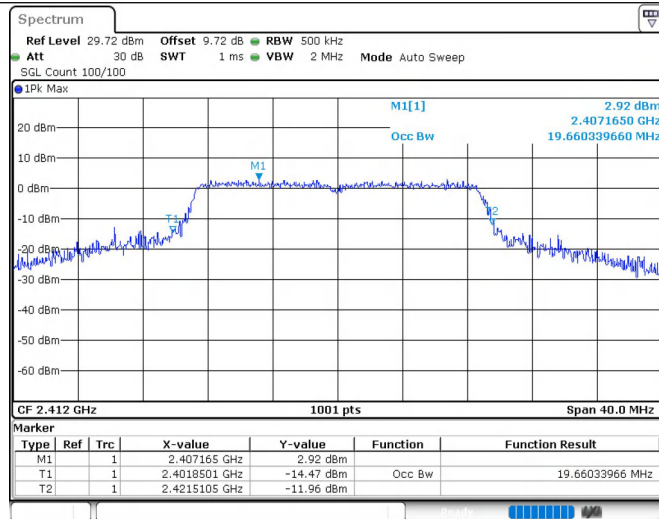
11G_Ant1_2437



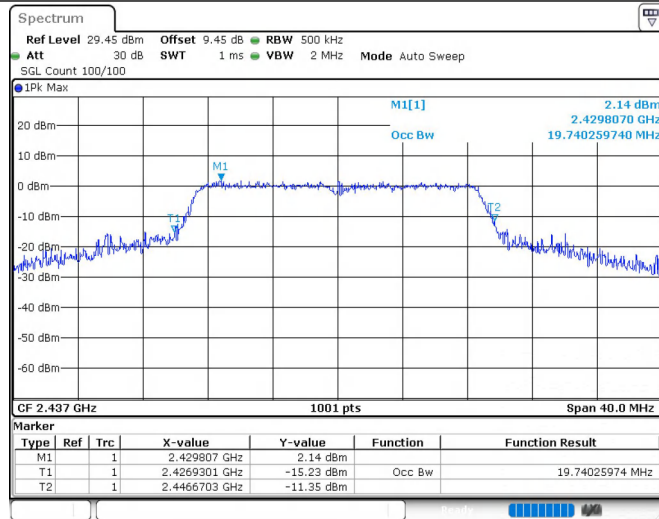
11G_Ant1_2462



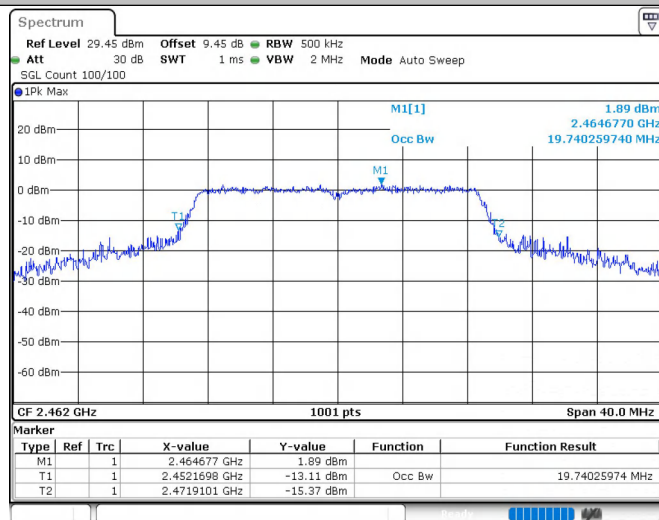
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Channel	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	16.83	≤30.00	PASS
		2437	15.46	≤30.00	PASS
		2462	15.69	≤30.00	PASS
11G	Ant1	2412	16.95	≤30.00	PASS
		2437	16.00	≤30.00	PASS
		2462	15.94	≤30.00	PASS
11N20SISO	Ant1	2412	17.76	≤30.00	PASS
		2437	16.66	≤30.00	PASS
		2462	16.73	≤30.00	PASS

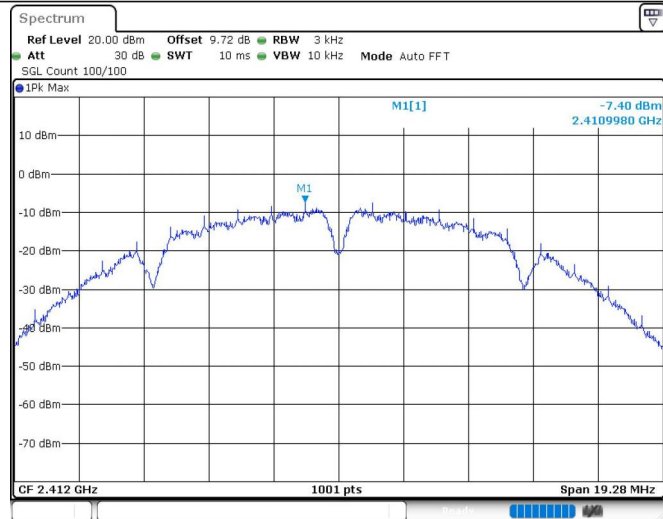
Appendix D: Maximum power spectral density

Test Result

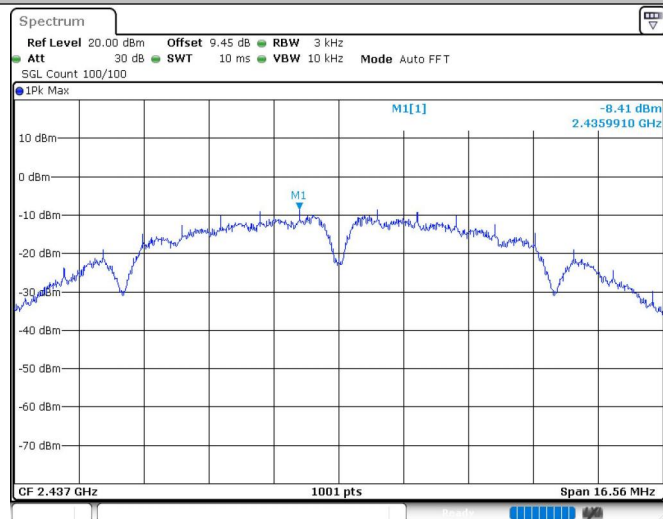
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.40	≤8.00	PASS
		2437	-8.41	≤8.00	PASS
		2462	-8.40	≤8.00	PASS
11G	Ant1	2412	-15.84	≤8.00	PASS
		2437	-16.60	≤8.00	PASS
		2462	-16.48	≤8.00	PASS
11N20SISO	Ant1	2412	-15.08	≤8.00	PASS
		2437	-16.23	≤8.00	PASS
		2462	-15.96	≤8.00	PASS

Test Graphs

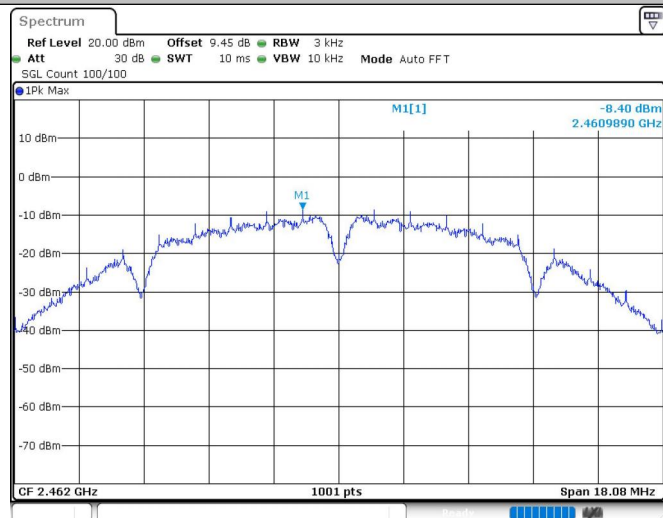
11B_Ant1_2412



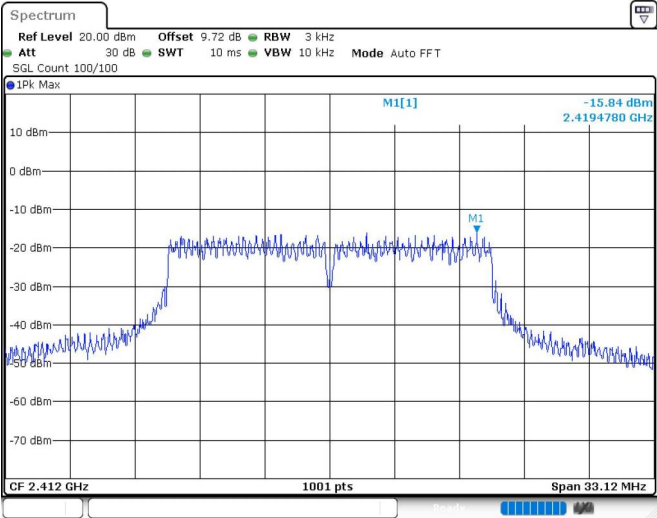
11B_Ant1_2437



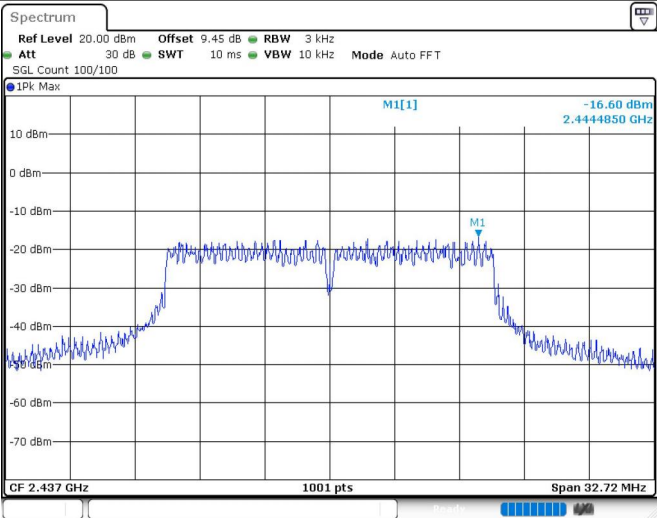
11B_Ant1_2462



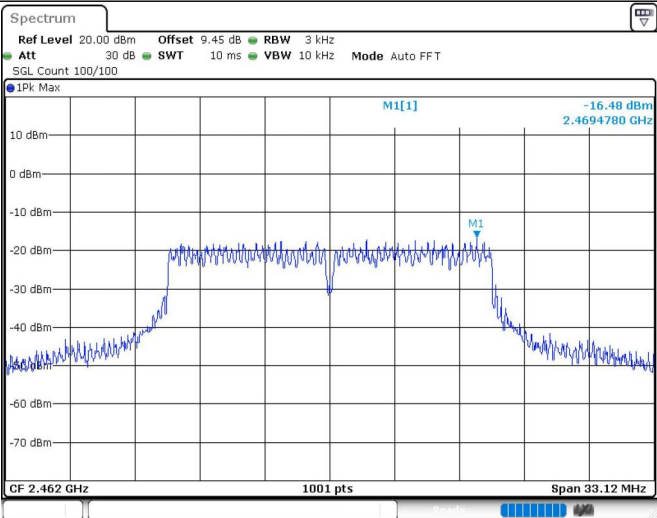
11G_Ant1_2412



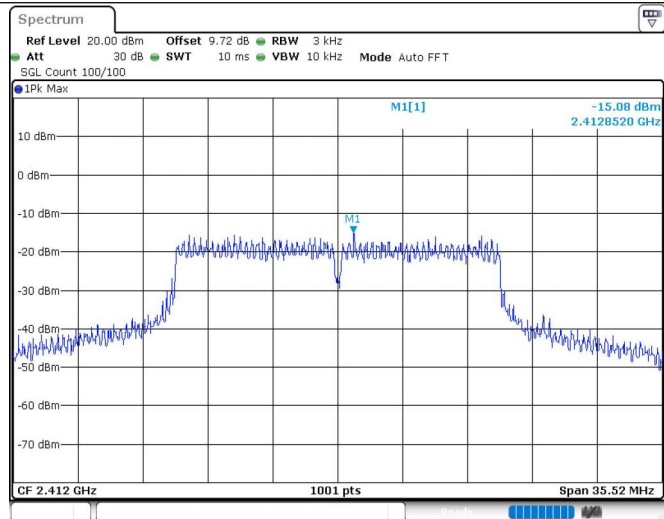
11G_Ant1_2437



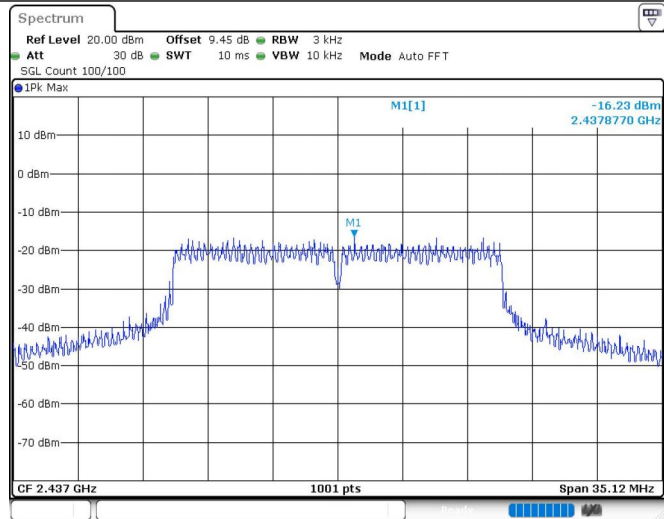
11G_Ant1_2462



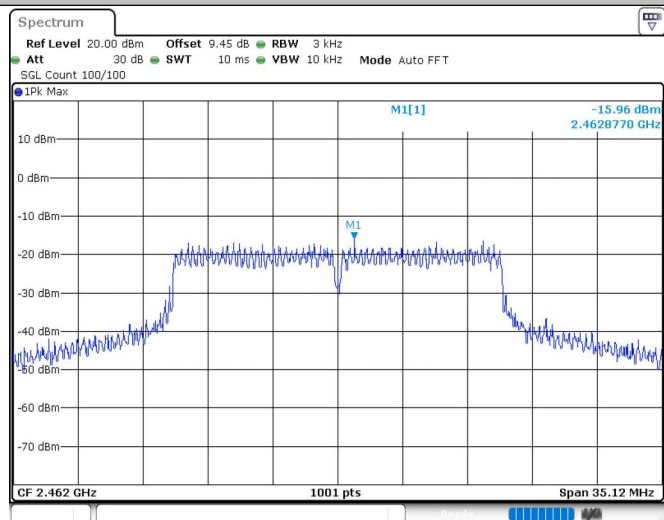
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



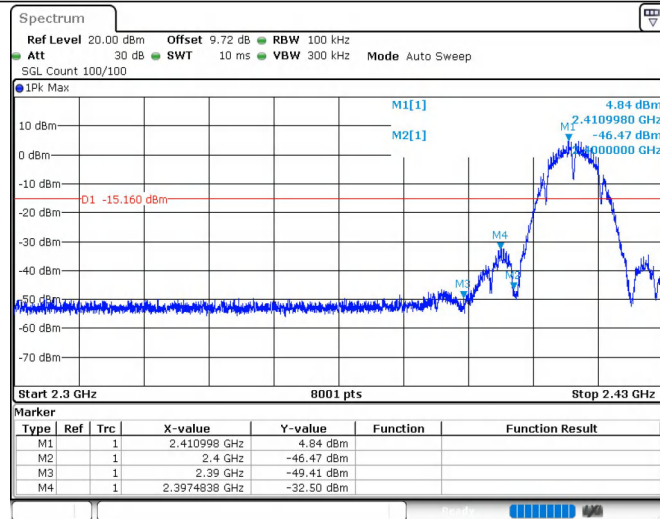
Appendix E: Band edge measurements

Test Result

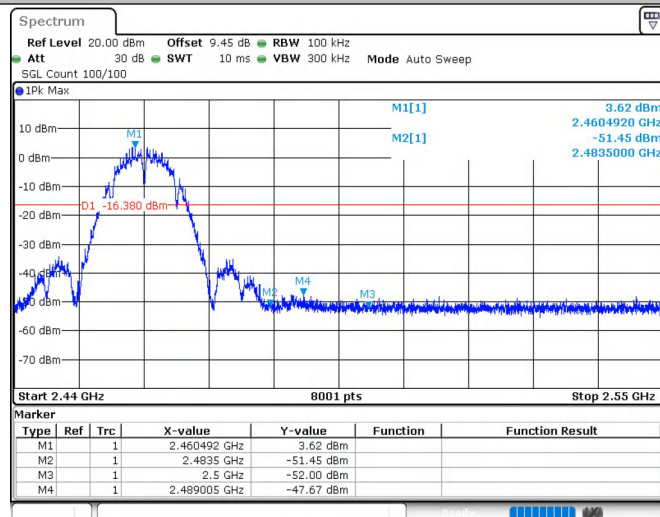
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.84	-32.5	≤ -15.16	PASS
		High	2462	3.62	-47.67	≤ -16.38	PASS
11G	Ant1	Low	2412	-1.95	-26.61	≤ -21.95	PASS
		High	2462	-2.95	-39.88	≤ -22.95	PASS
11N20SISO	Ant1	Low	2412	-0.03	-24.71	≤ -20.03	PASS
		High	2462	-1.40	-34.97	≤ -21.4	PASS

Test Graphs

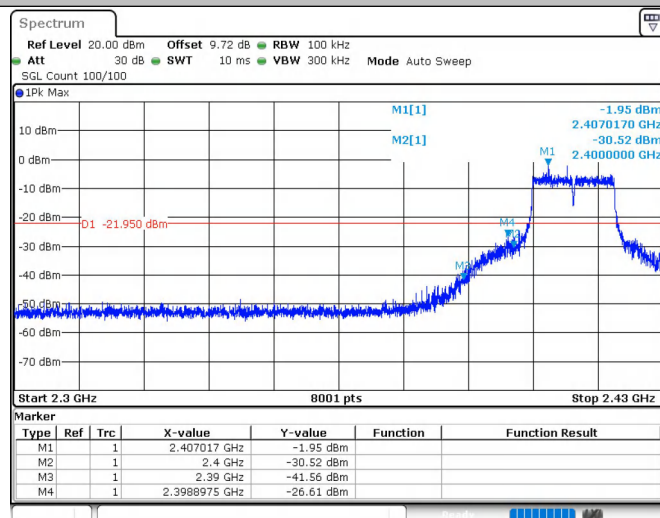
11B_Ant1_Low_2412



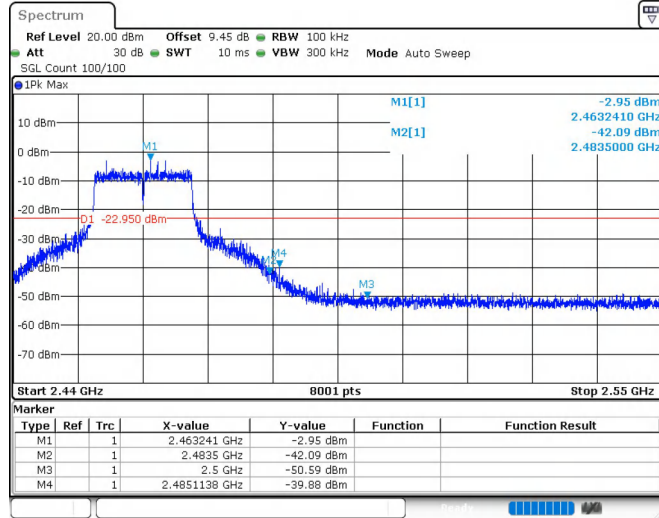
11B_Ant1_High_2462



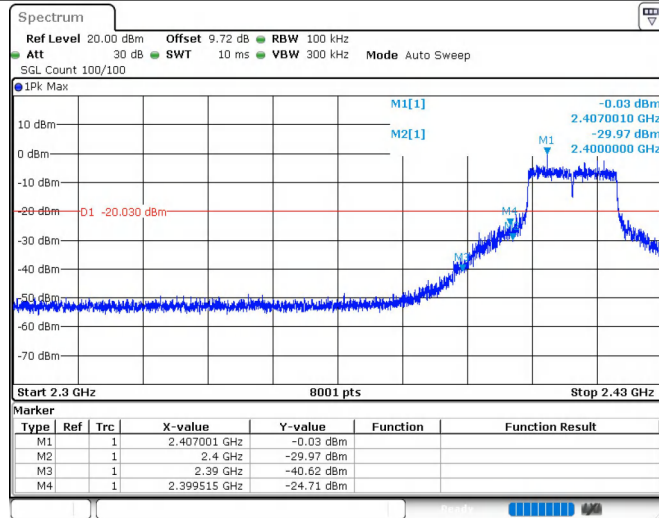
11G_Ant1_Low_2412



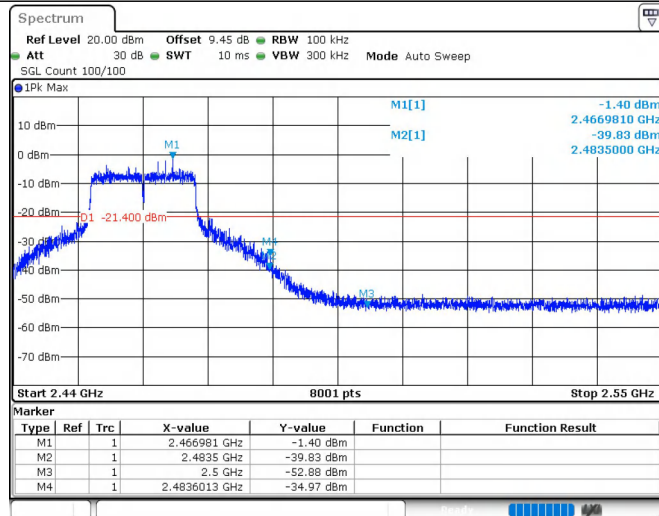
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



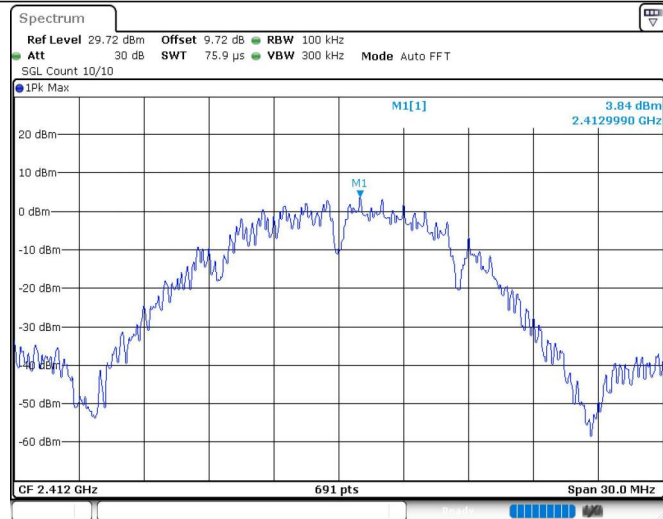
Appendix F: Conducted Spurious Emission

Test Result

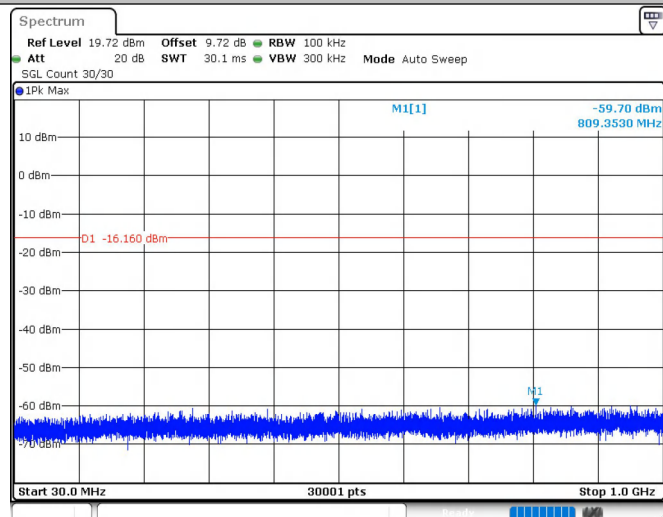
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.84	3.84	---	PASS
			30~1000	3.84	-59.7	≤-16.16	PASS
			1000~26500	3.84	-47.96	≤-16.16	PASS
		2437	Reference	0.98	0.98	---	PASS
			30~1000	0.98	-59.97	≤-19.02	PASS
			1000~26500	0.98	-49.09	≤-19.02	PASS
		2462	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-59.66	≤-18.7	PASS
			1000~26500	1.30	-48.66	≤-18.7	PASS
11G	Ant1	2412	Reference	-4.61	-4.61	---	PASS
			30~1000	-4.61	-59.91	≤-24.61	PASS
			1000~26500	-4.61	-47.99	≤-24.61	PASS
		2437	Reference	-5.99	-5.99	---	PASS
			30~1000	-5.99	-60.16	≤-25.99	PASS
			1000~26500	-5.99	-48.76	≤-25.99	PASS
		2462	Reference	-6.67	-6.67	---	PASS
			30~1000	-6.67	-59.06	≤-26.67	PASS
			1000~26500	-6.67	-48.43	≤-26.67	PASS
11N20SISO	Ant1	2412	Reference	-4.72	-4.72	---	PASS
			30~1000	-4.72	-59.56	≤-24.72	PASS
			1000~26500	-4.72	-47.54	≤-24.72	PASS
		2437	Reference	-6.45	-6.45	---	PASS
			30~1000	-6.45	-59.63	≤-26.45	PASS
			1000~26500	-6.45	-48.1	≤-26.45	PASS
		2462	Reference	-6.58	-6.58	---	PASS
			30~1000	-6.58	-59.53	≤-26.58	PASS
			1000~26500	-6.58	-47.52	≤-26.58	PASS

Test Graphs

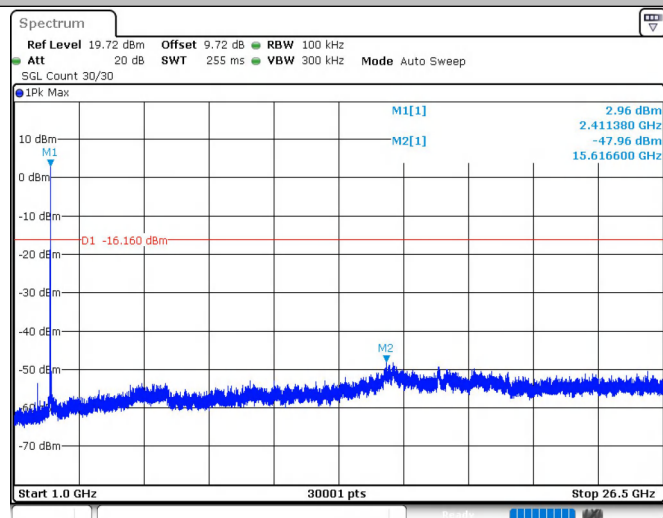
11B_Ant1_2412_0~Reference



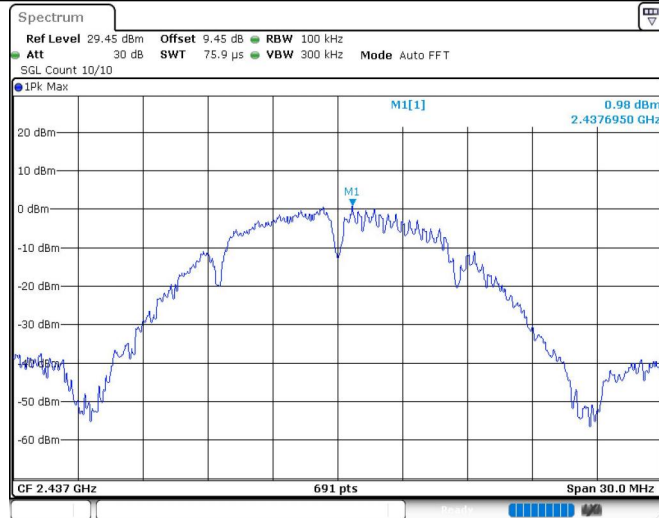
11B_Ant1_2412_30~1000



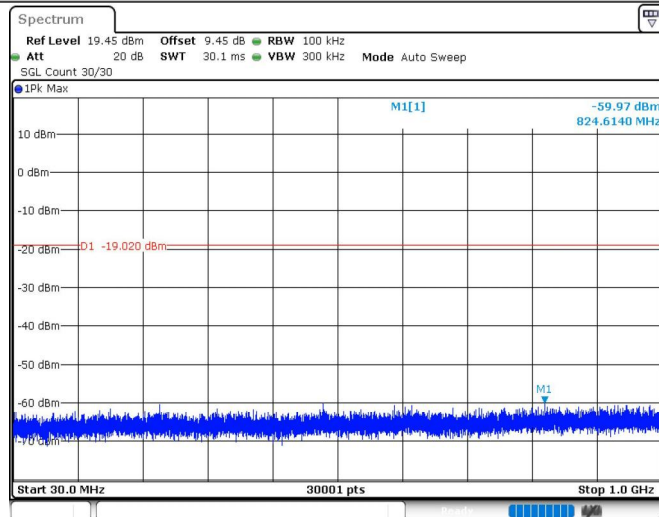
11B_Ant1_2412_1000~26500



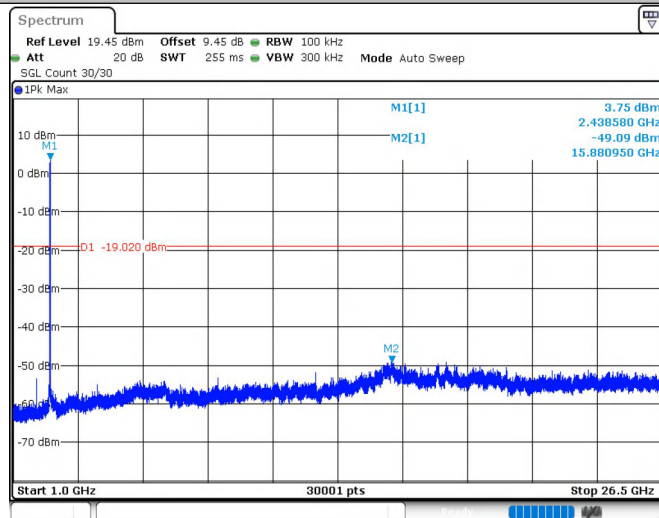
11B_Ant1_2437_0~Reference



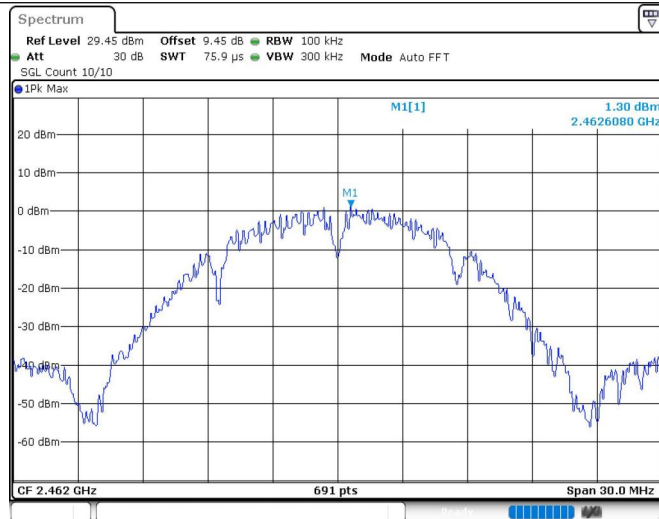
11B_Ant1_2437_30~1000



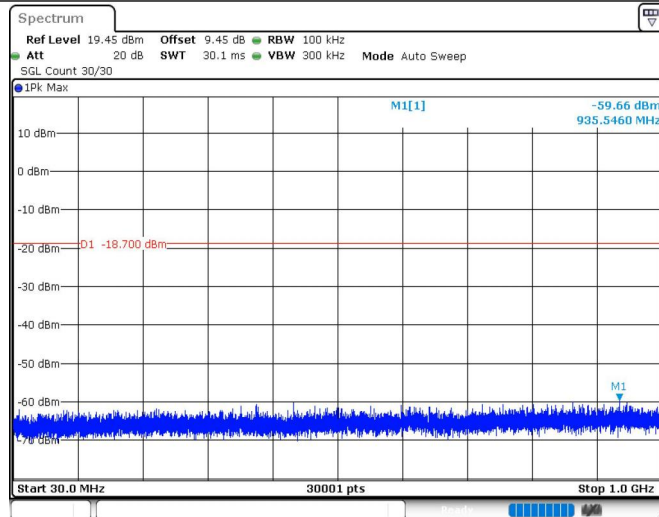
11B_Ant1_2437_1000~26500



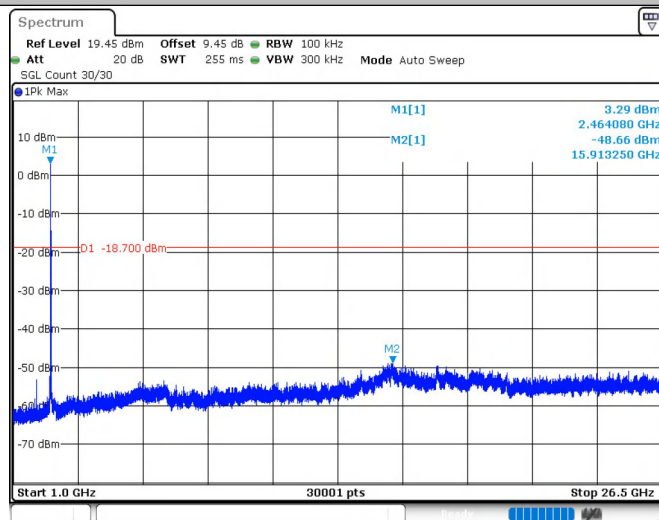
11B_Ant1_2462_0~Reference



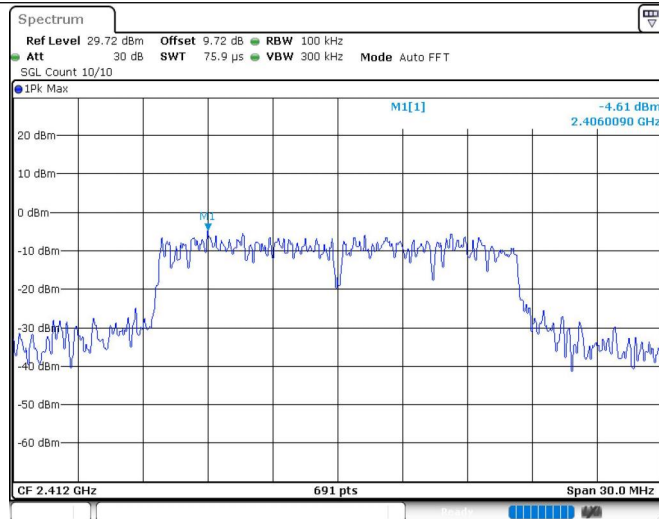
11B_Ant1_2462_30~1000



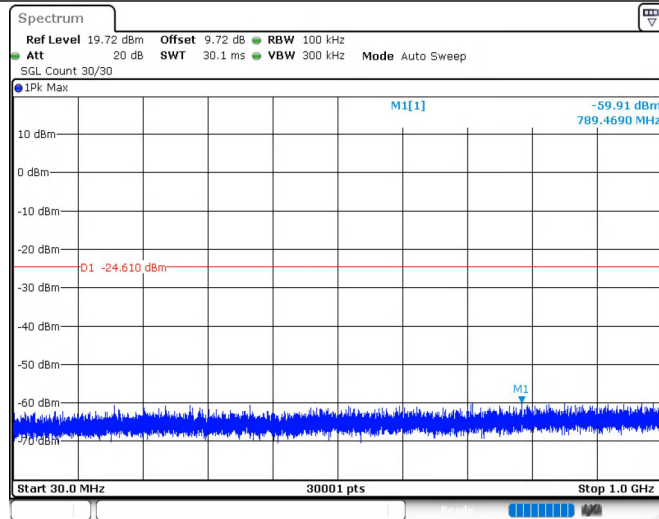
11B_Ant1_2462_1000~26500



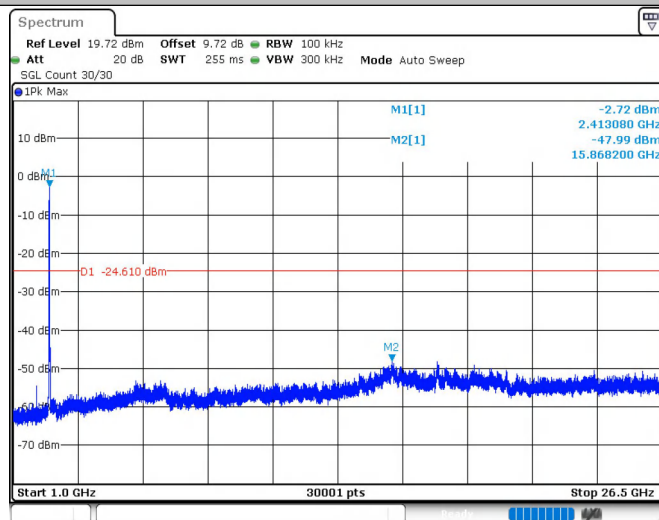
11G_Ant1_2412_0~Reference



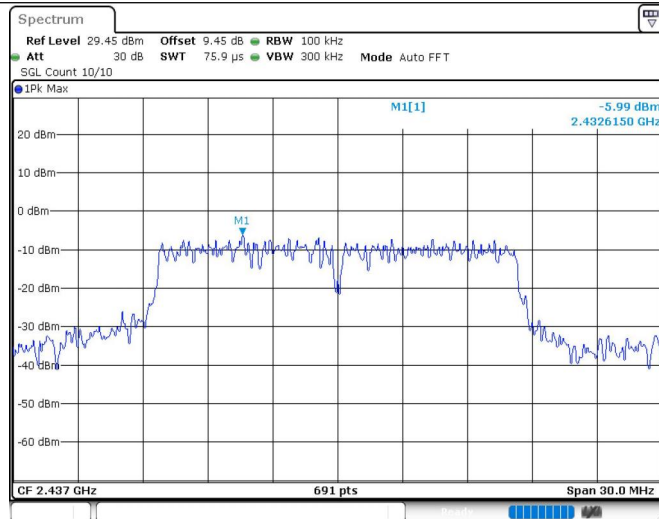
11G_Ant1_2412_30~1000



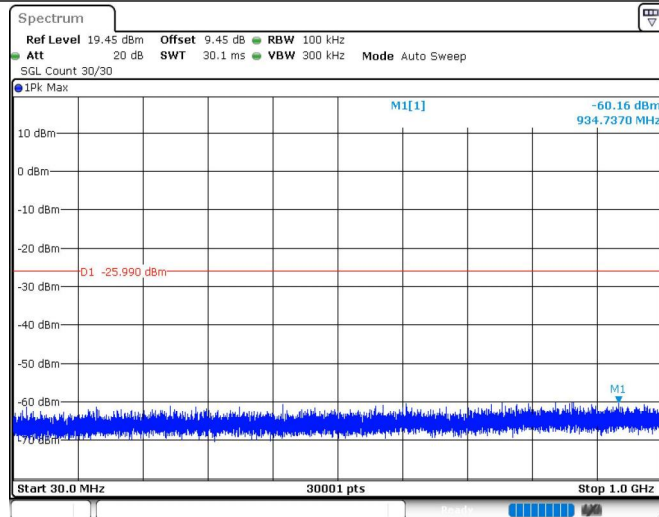
11G_Ant1_2412_1000~26500



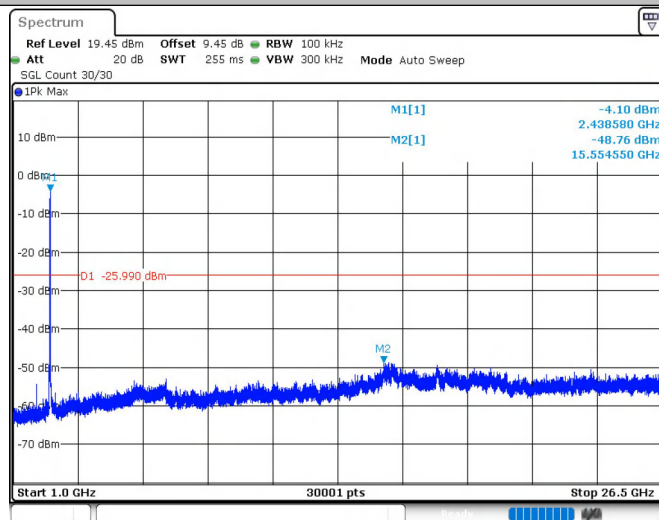
11G_Ant1_2437_0~Reference



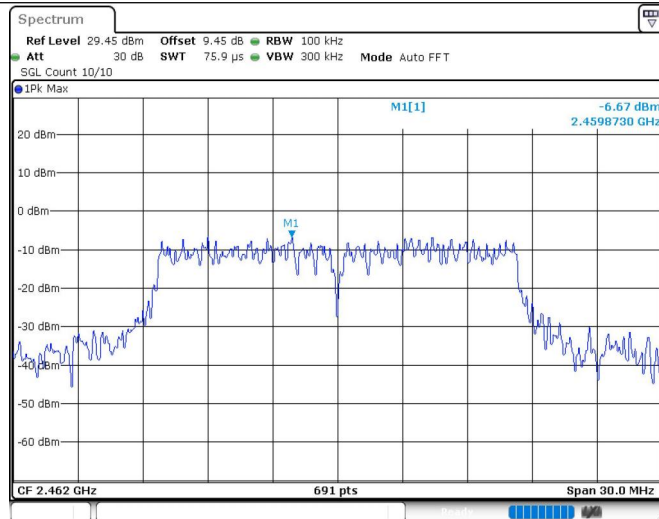
11G_Ant1_2437_30~1000



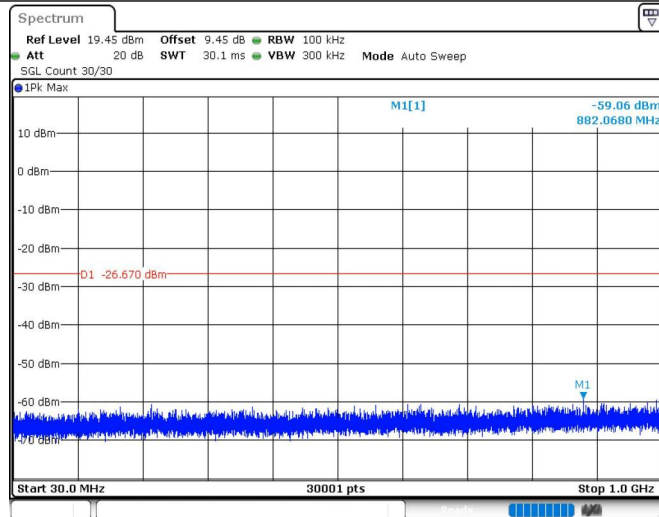
11G_Ant1_2437_1000~26500



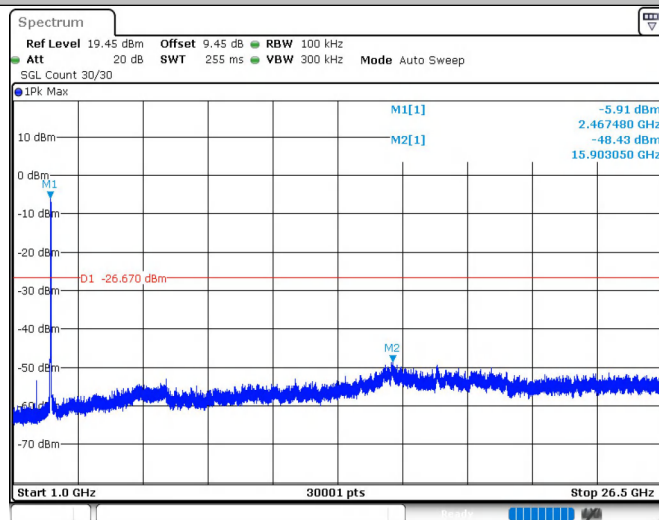
11G_Ant1_2462_0~Reference



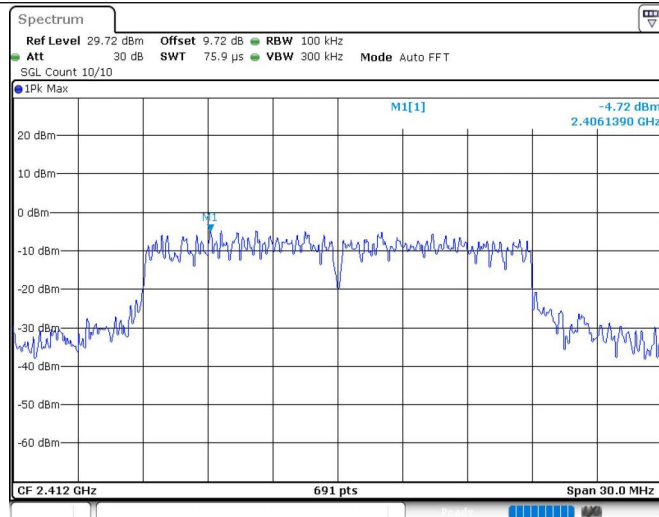
11G_Ant1_2462_30~1000



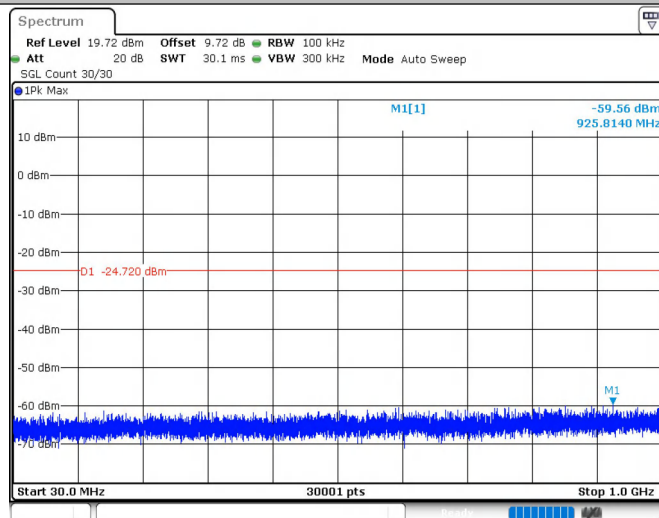
11G_Ant1_2462_1000~26500



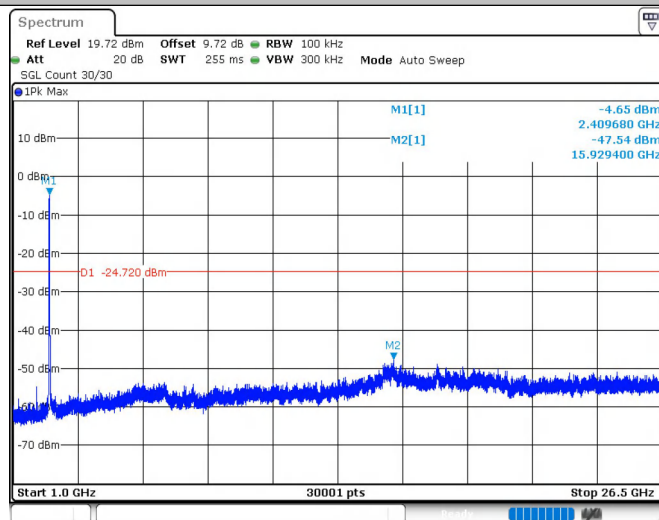
11N20SISO_Ant1_2412_0~Reference



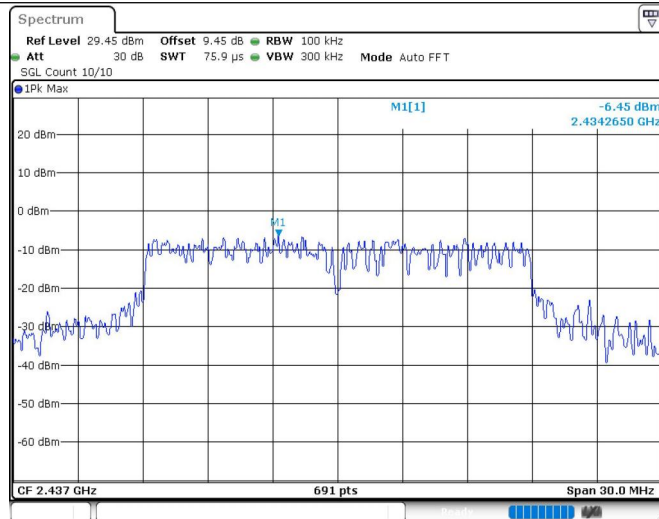
11N20SISO_Ant1_2412_30~1000



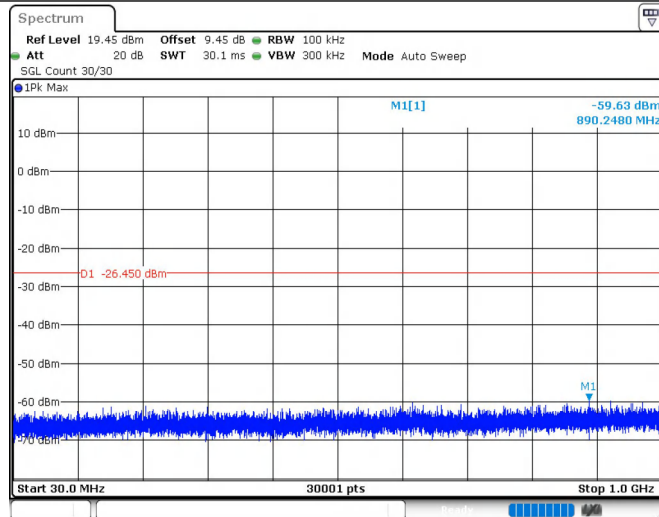
11N20SISO_Ant1_2412_1000~26500



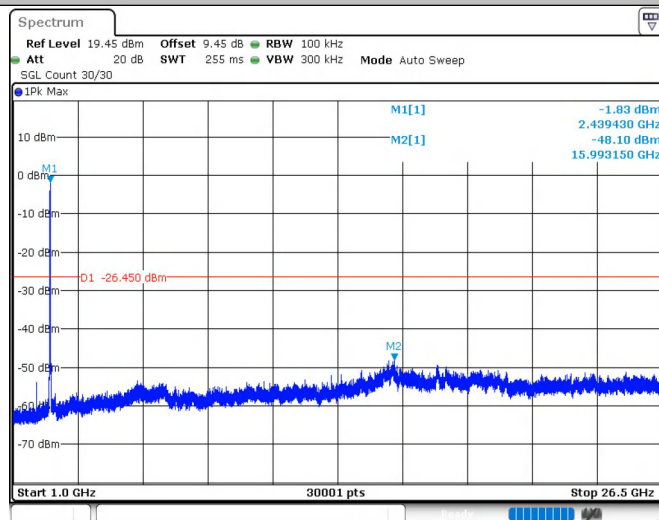
11N20SISO_Ant1_2437_0~Reference



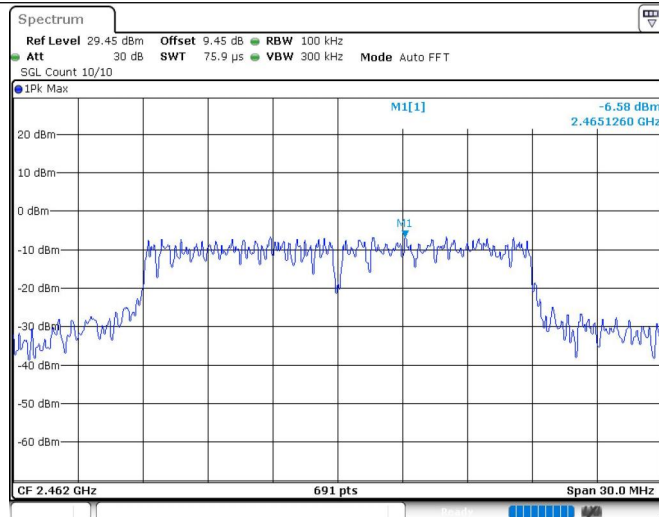
11N20SISO_Ant1_2437_30~1000



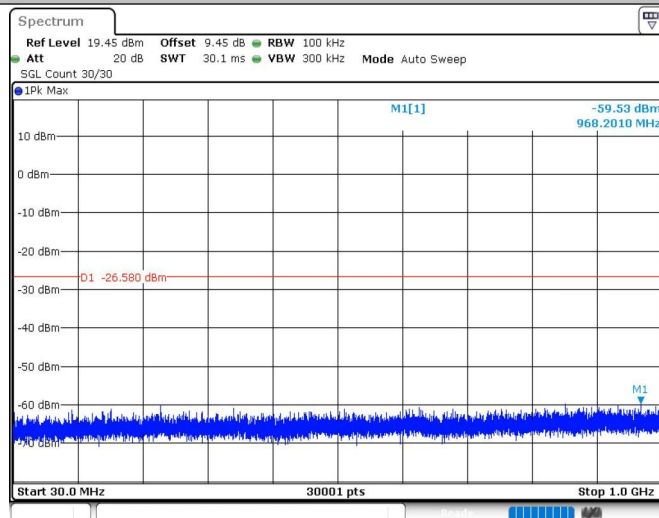
11N20SISO_Ant1_2437_1000~26500



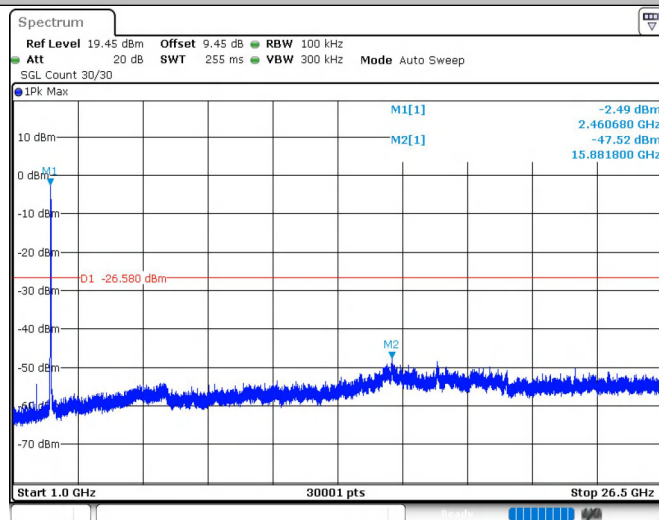
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



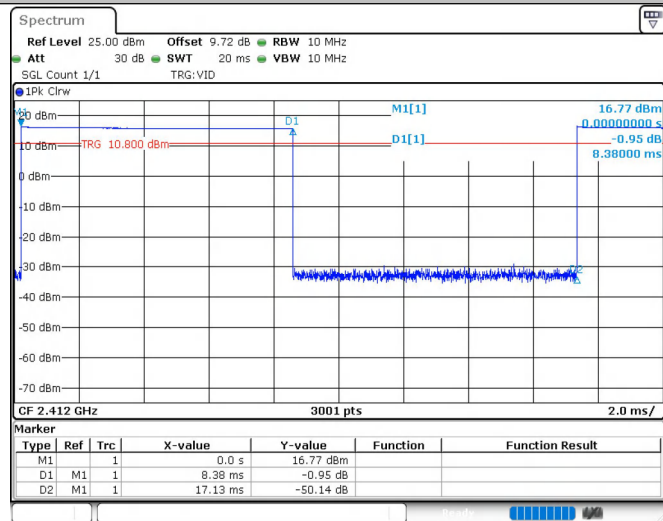
Appendix G: Duty Cycle

Test Result

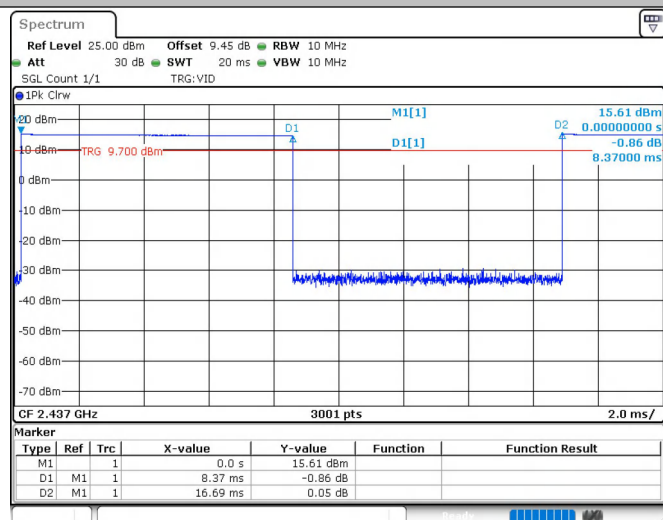
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	17.13	48.92	---	---
		2437	8.37	16.69	50.15	---	---
		2462	8.37	16.69	50.15	---	---
11G	Ant1	2412	2.02	4.04	50.00	---	---
		2437	2.03	4.05	50.12	---	---
		2462	2.02	4.04	50.00	---	---
11N20SISO	Ant1	2412	1.89	4.68	40.38	---	---
		2437	1.88	3.70	50.81	---	---
		2462	1.89	3.71	50.94	---	---

Test Graphs

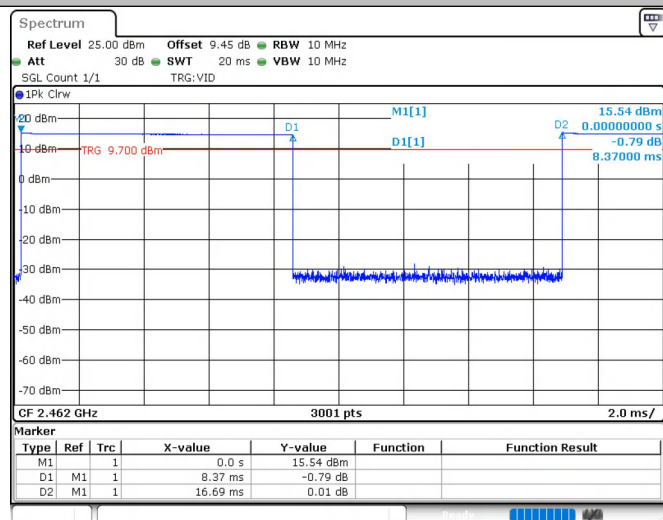
11B_Ant1_2412



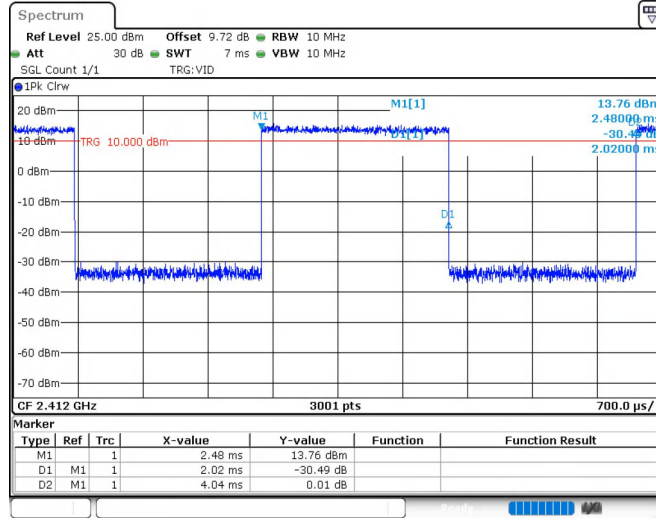
11B_Ant1_2437



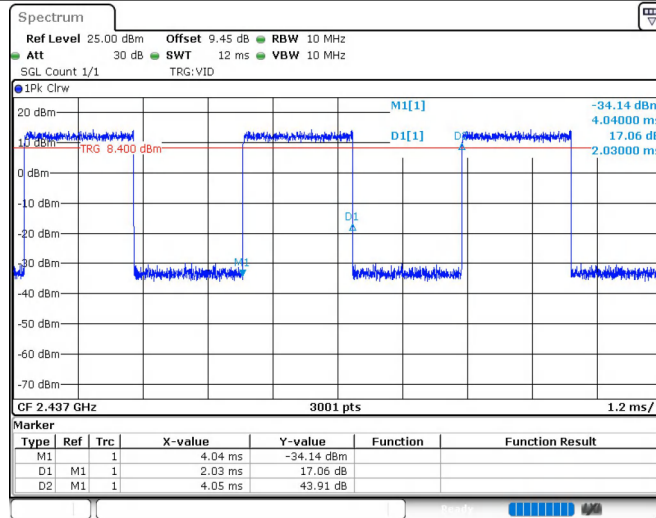
11B_Ant1_2462



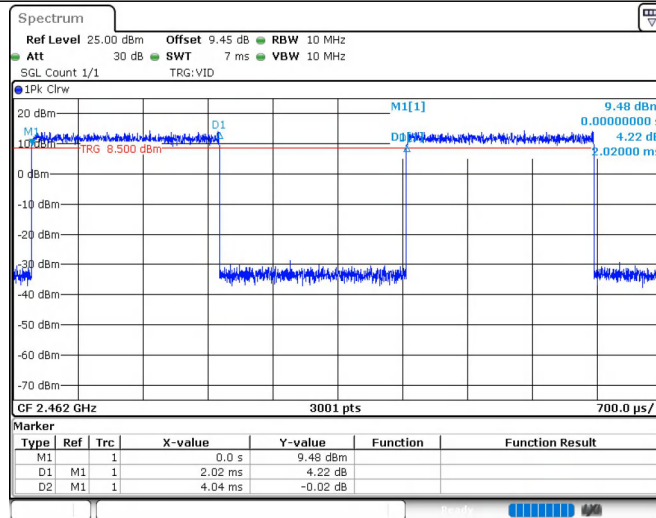
11G_Ant1_2412



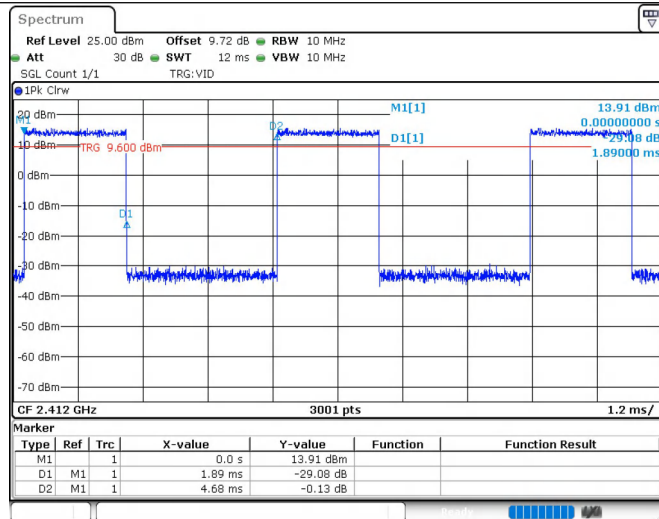
11G_Ant1_2437



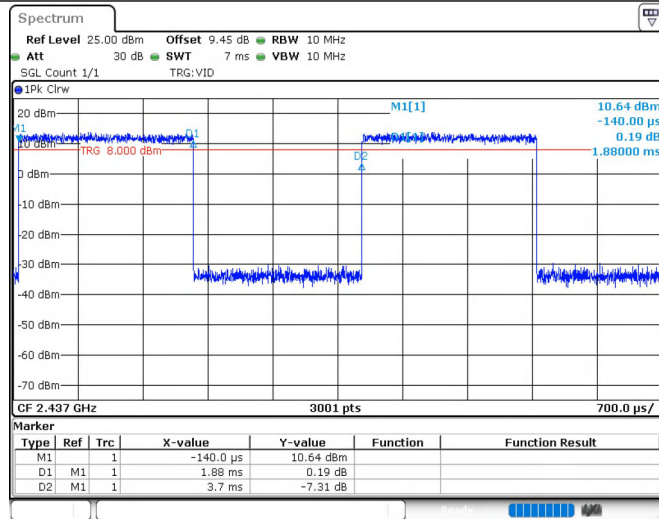
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

