

Total Quality. Assured.

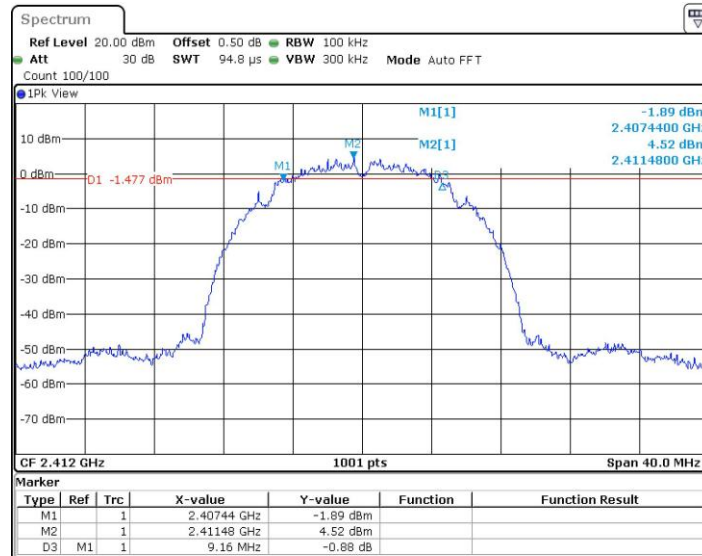
Appendix A1: DTS Bandwidth

Test Result

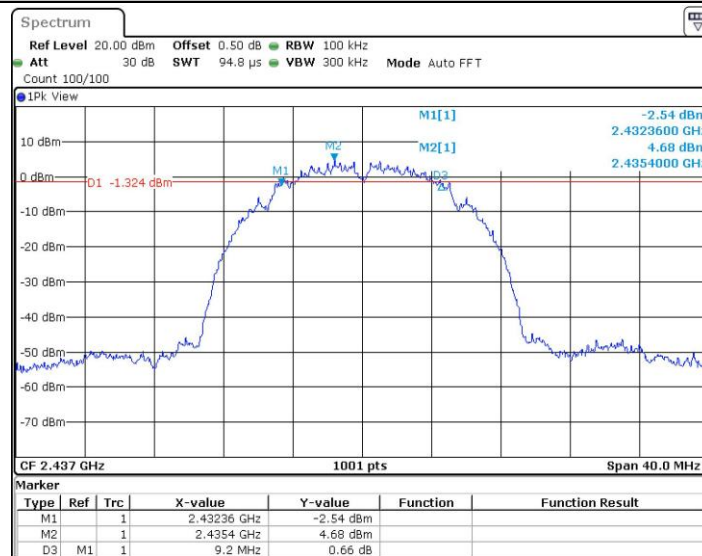
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.160	2407.440	2416.600	0.5	PASS
		2437	9.200	2432.360	2441.560	0.5	PASS
		2462	10.120	2456.960	2467.080	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.160	2428.800	2444.960	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.000	2403.440	2420.440	0.5	PASS
		2437	17.000	2428.440	2445.440	0.5	PASS
		2462	16.760	2453.440	2470.200	0.5	PASS

Total Quality. Assured.

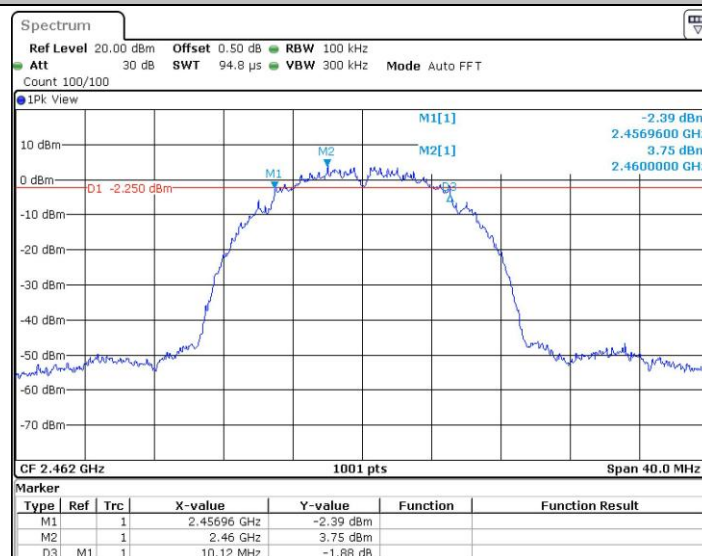
Test Graphs



11B_Ant1_2412

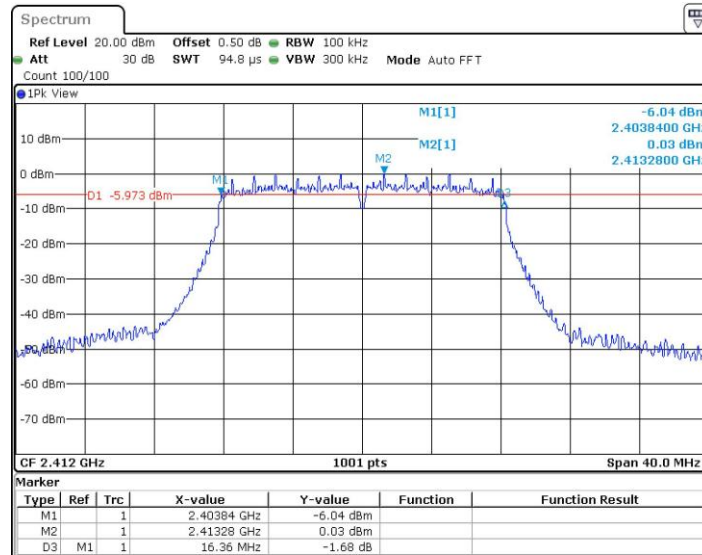


11B_Ant1_2437

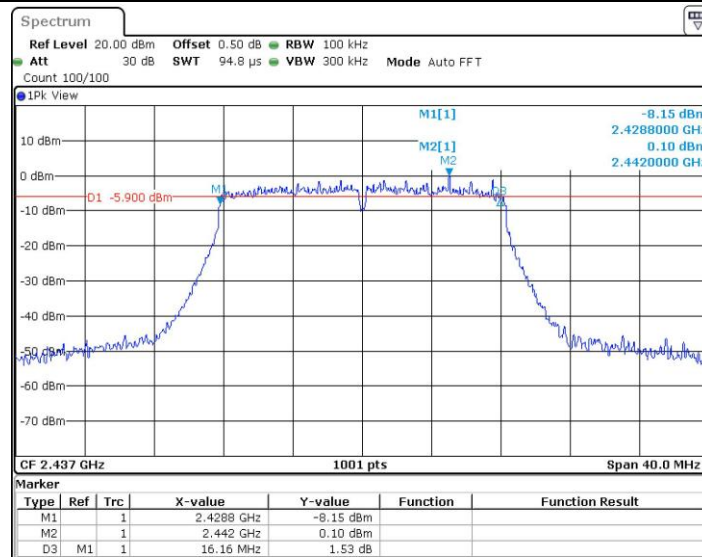


11B_Ant1_2462

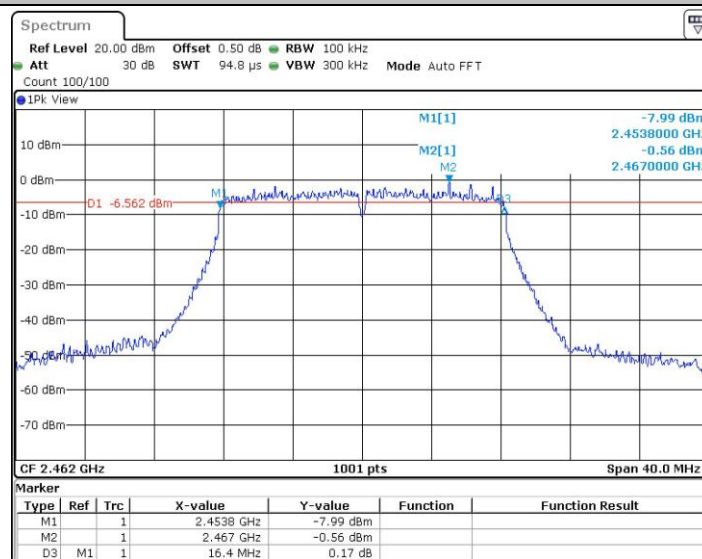
Total Quality. Assured.



11G_Ant1_2412

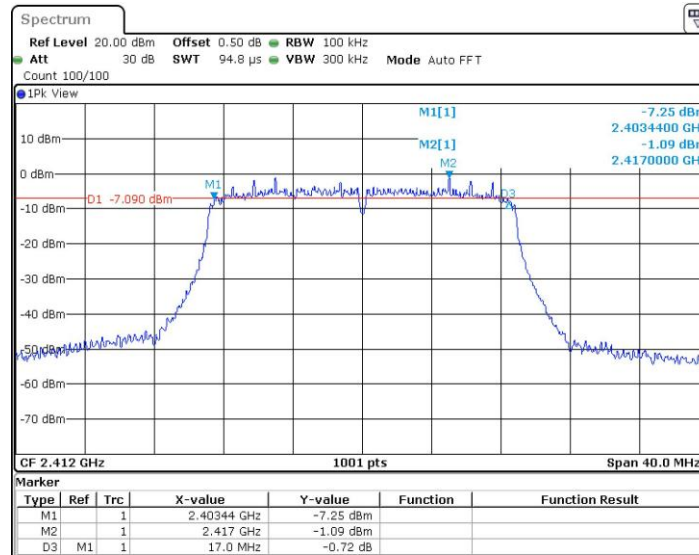


11G_Ant1_2437

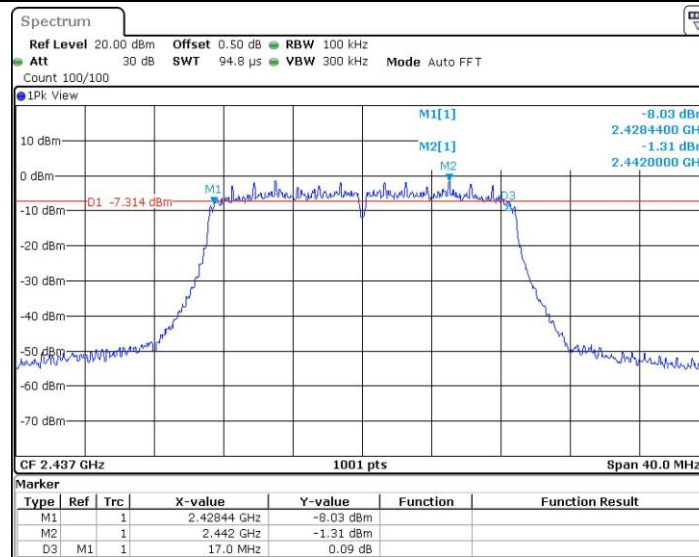


11G_Ant1_2462

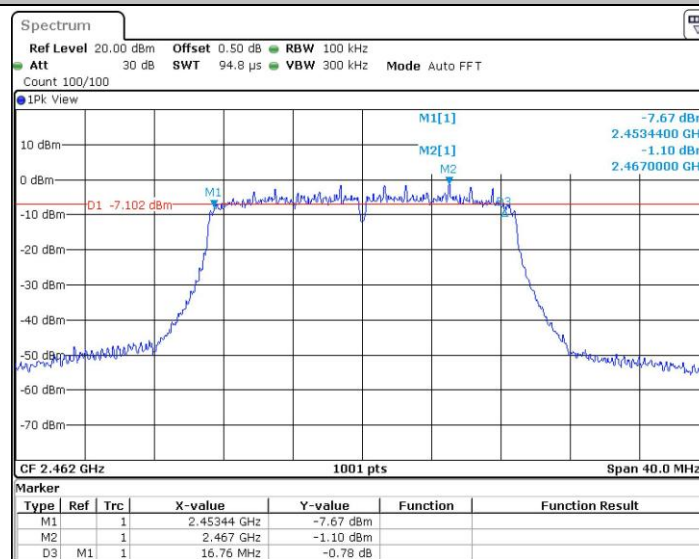
Total Quality. Assured.



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

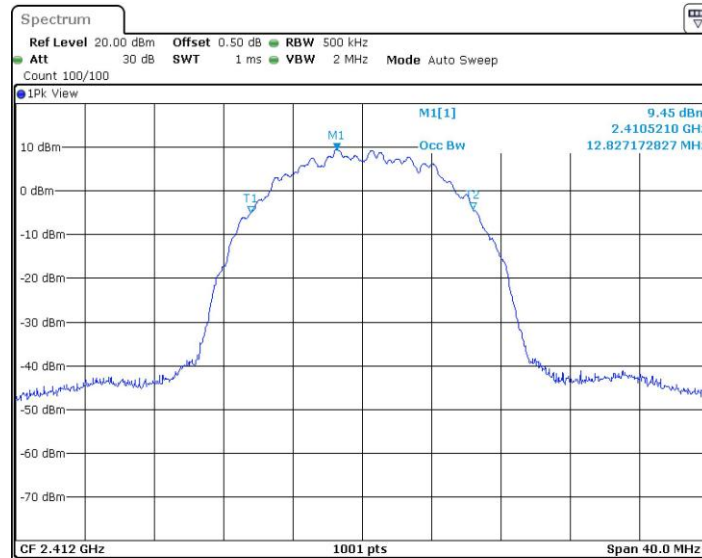
Appendix A2: Occupied Channel Bandwidth

Test Result

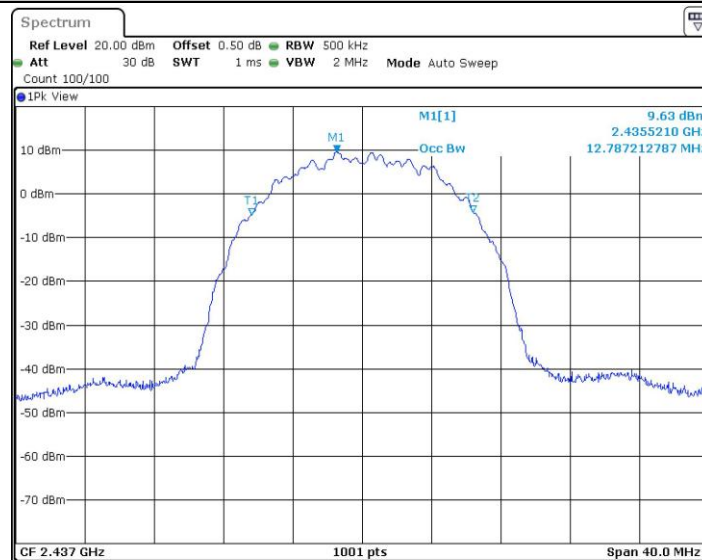
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.827	2405.566	2418.394	---	PASS
		2437	12.787	2430.606	2443.394	---	PASS
		2462	12.827	2455.606	2468.434	---	PASS
11G	Ant1	2412	16.863	2403.568	2420.432	---	PASS
		2437	16.863	2428.568	2445.432	---	PASS
		2462	16.863	2453.568	2470.432	---	PASS
11N20SISO	Ant1	2412	17.702	2403.169	2420.871	---	PASS
		2437	17.662	2428.209	2445.871	---	PASS
		2462	17.702	2453.209	2470.911	---	PASS

Total Quality. Assured.

Test Graphs



11B_Ant1_2412

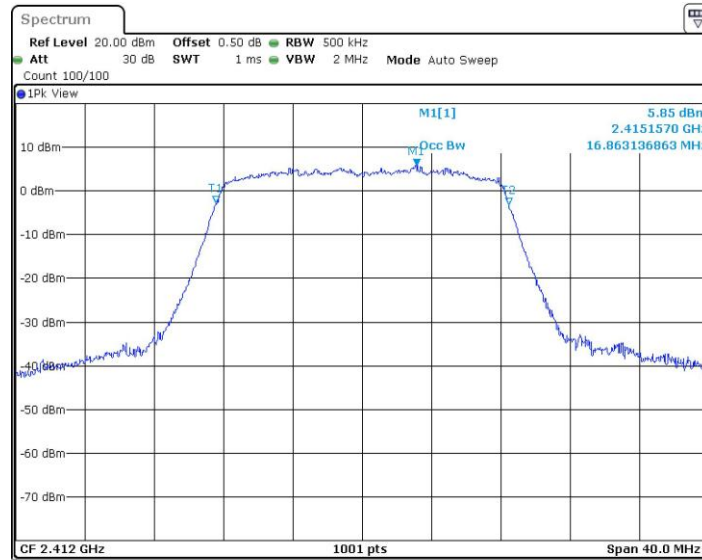


11B_Ant1_2437

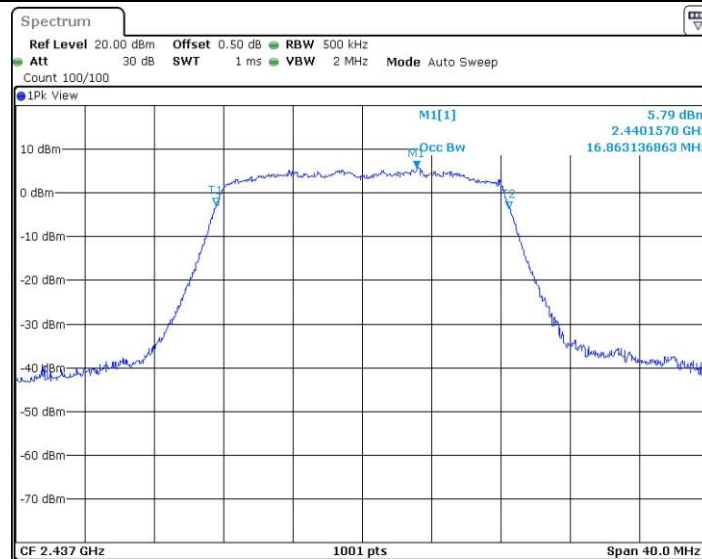


11B_Ant1_2462

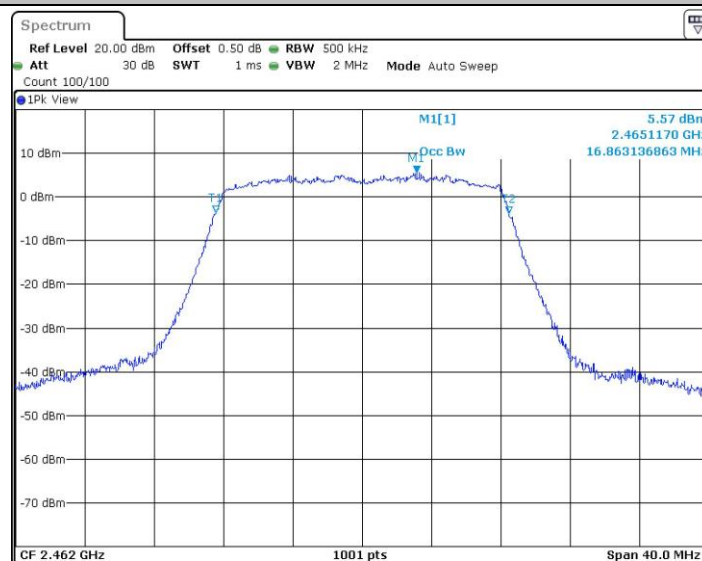
Total Quality Assured



11G_Ant1_2412

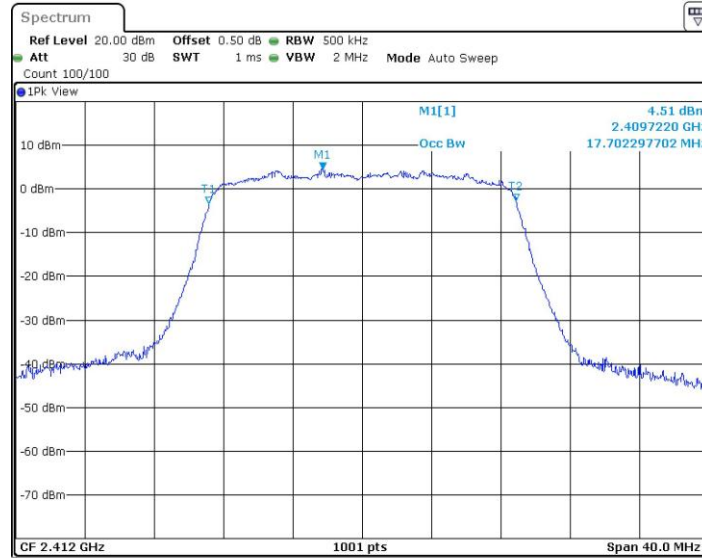


11G_Ant1_2437

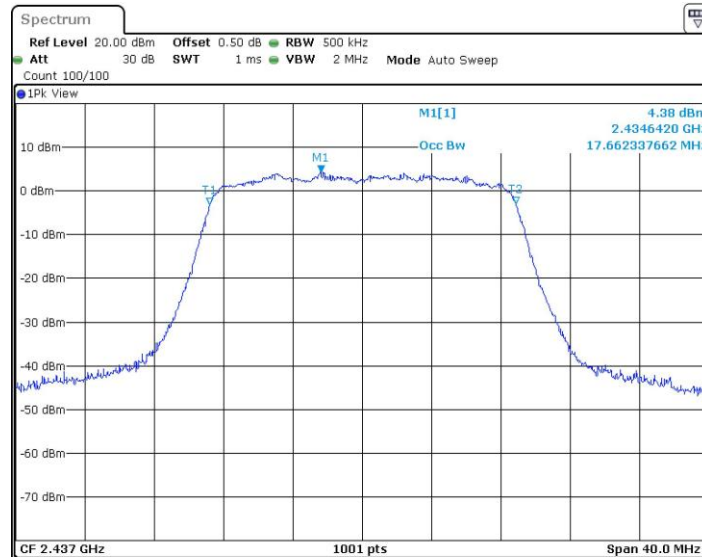


11G_Ant1_2462

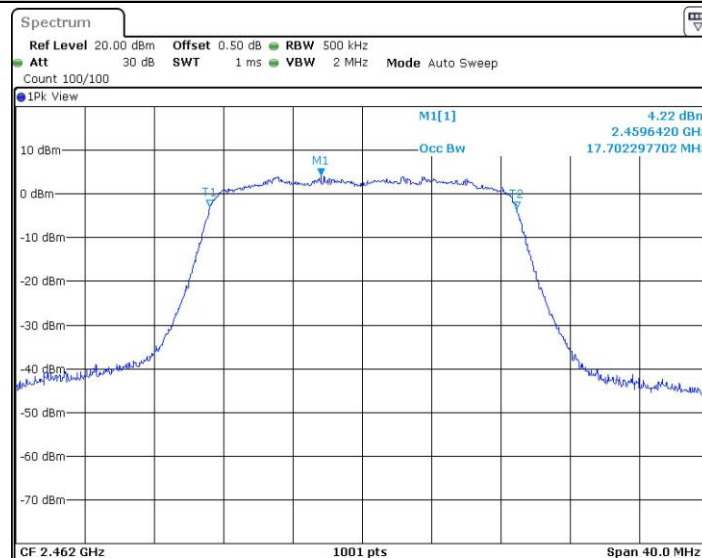
Total Quality. Assured.



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

Appendix B: Maximum conducted output power

Test Result

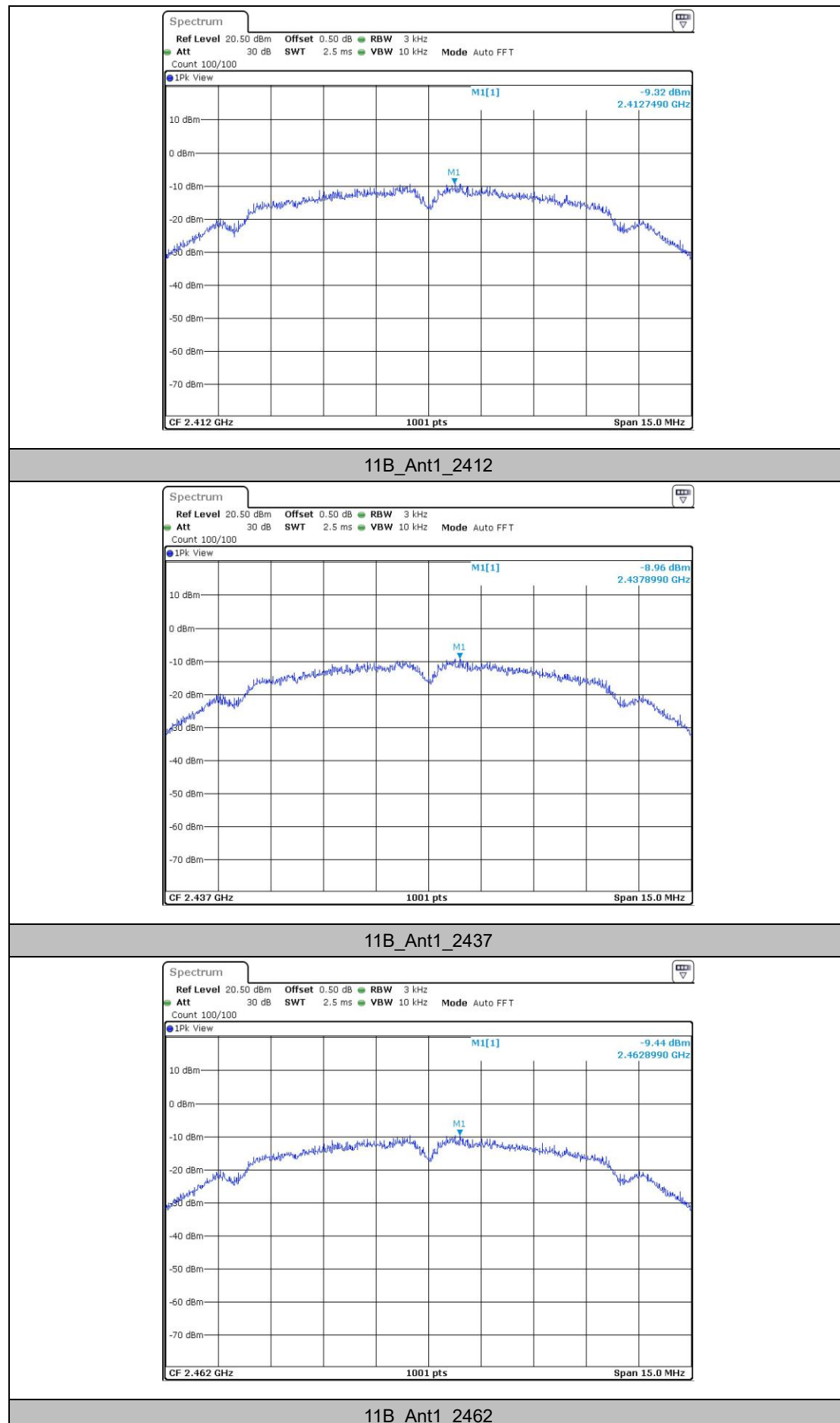
Model	Channel	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict
11b	1	2412	15.4	30.0	PASS
	6	2437	15.5	30.0	PASS
	11	2462	15	30.0	PASS
11g	1	2412	20.7	30.0	PASS
	6	2437	20.6	30.0	PASS
	11	2462	20.2	30.0	PASS
11n20	1	2412	19.7	30.0	PASS
	6	2437	19.6	30.0	PASS
	11	2462	19.3	30.0	PASS

Appendix C: Maximum power spectral density

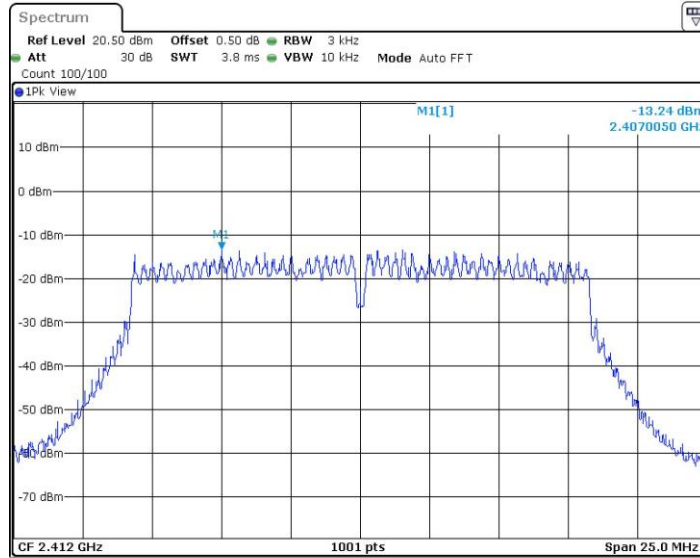
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.32	<=8	PASS
		2437	-8.96	<=8	PASS
		2462	-9.44	<=8	PASS
11G	Ant1	2412	-13.24	<=8	PASS
		2437	-13.22	<=8	PASS
		2462	-13.56	<=8	PASS
11N20SISO	Ant1	2412	-14.59	<=8	PASS
		2437	-14.68	<=8	PASS
		2462	-14.78	<=8	PASS

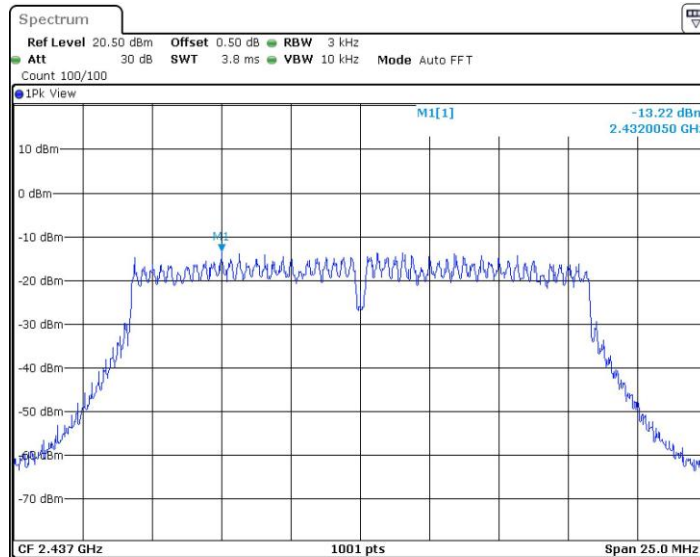
Test Graphs



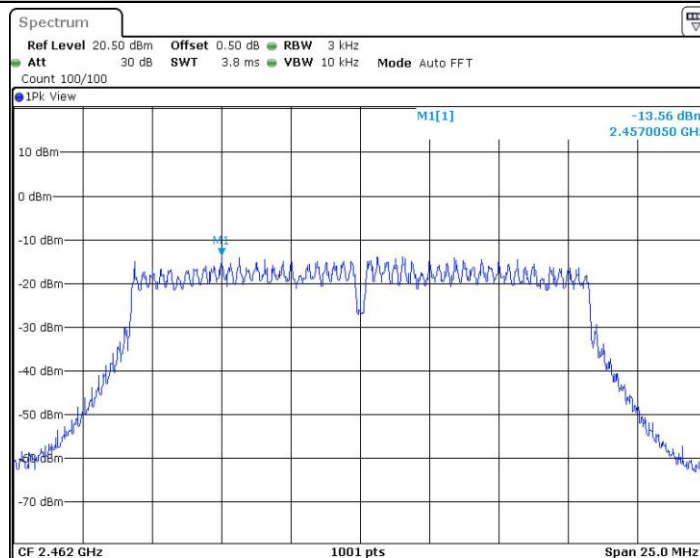
Total Quality Assured



11G_Ant1_2412

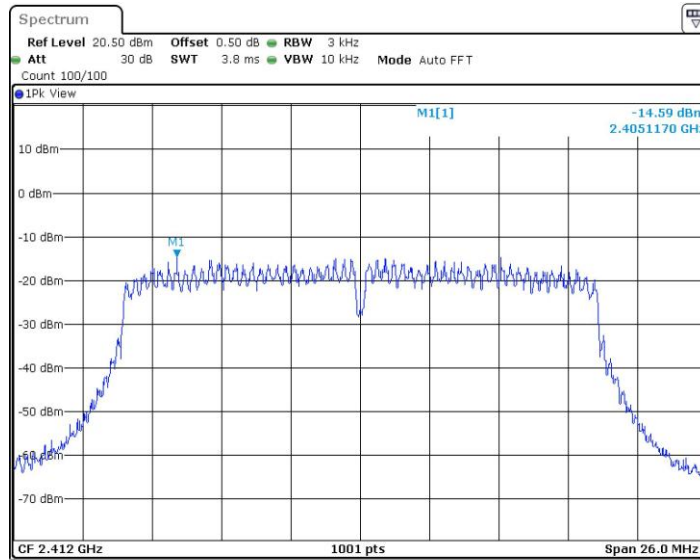


11G_Ant1_2437

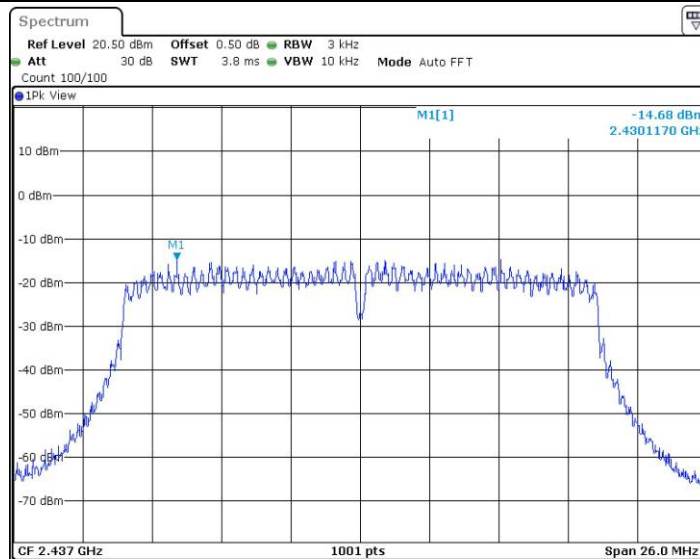


11G_Ant1_2462

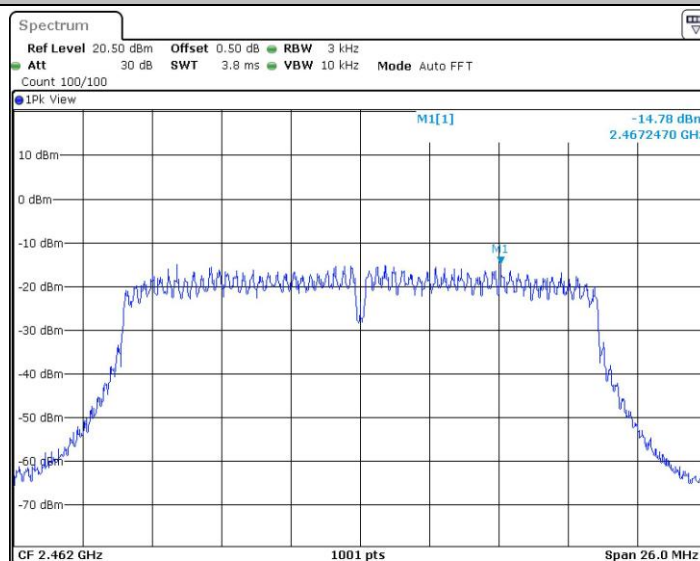
Total Quality Assured



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

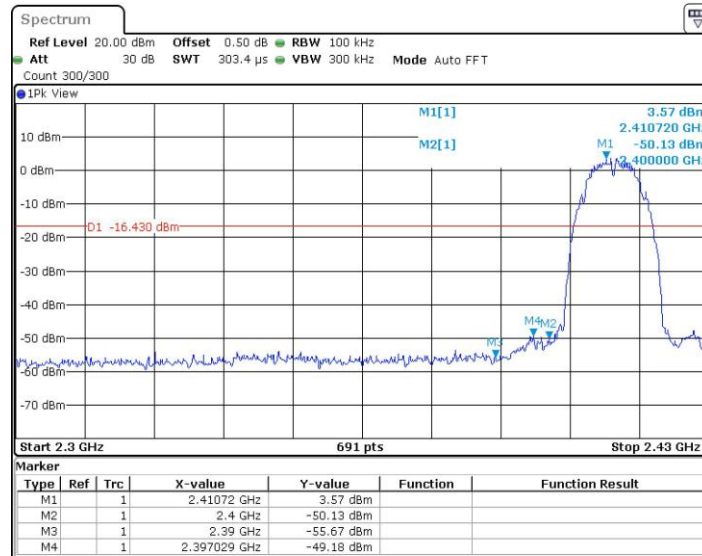
Appendix D: Band edge measurements

Test Result

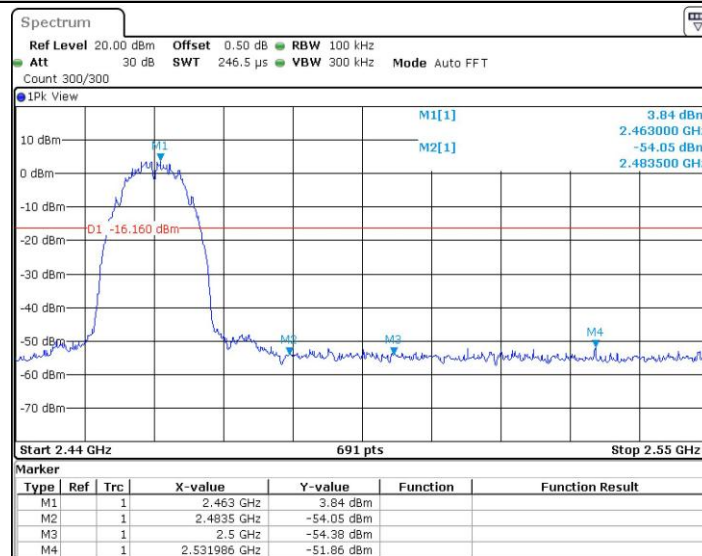
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.57	-49.18	<=-16.43	PASS
		High	2462	3.84	-51.86	<=-16.16	PASS
11G	Ant1	Low	2412	-0.17	-43.71	<=-20.17	PASS
		High	2462	-1.07	-52.03	<=-21.07	PASS
11N20SISO	Ant1	Low	2412	-3.99	-44.32	<=-23.99	PASS
		High	2462	-1.30	-54.61	<=-21.3	PASS

Total Quality. Assured.

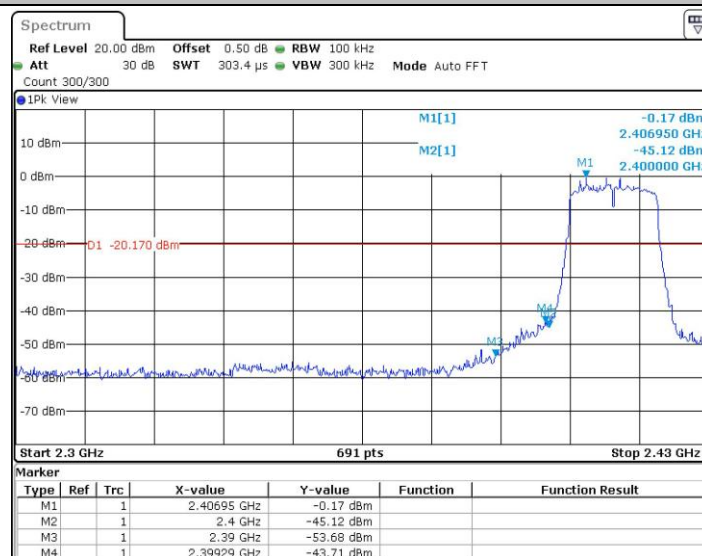
Test Graphs



11B_Ant1_Low_2412

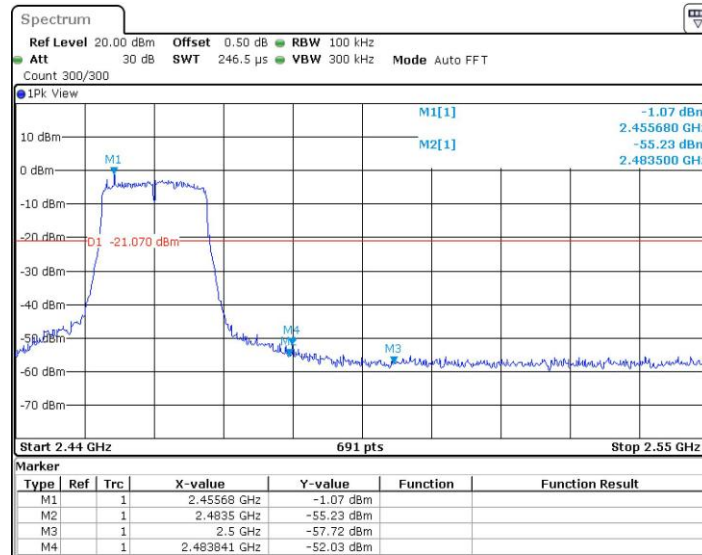


11B_Ant1_High_2462

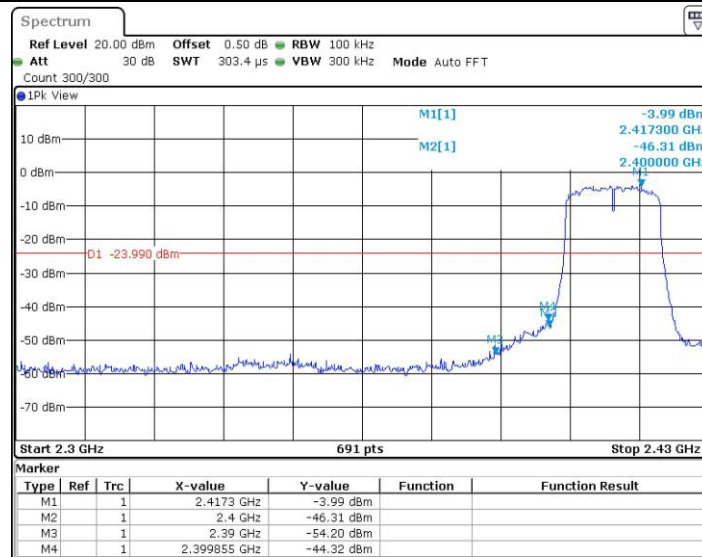


11G_Ant1_Low_2412

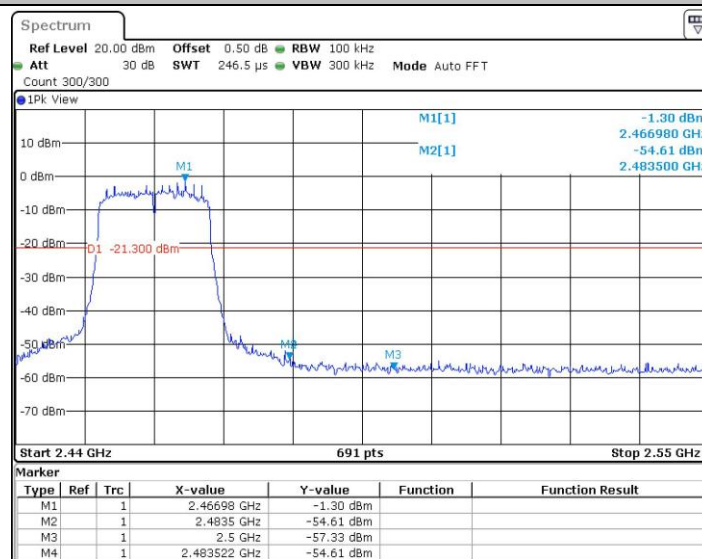
Total Quality. Assured.



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

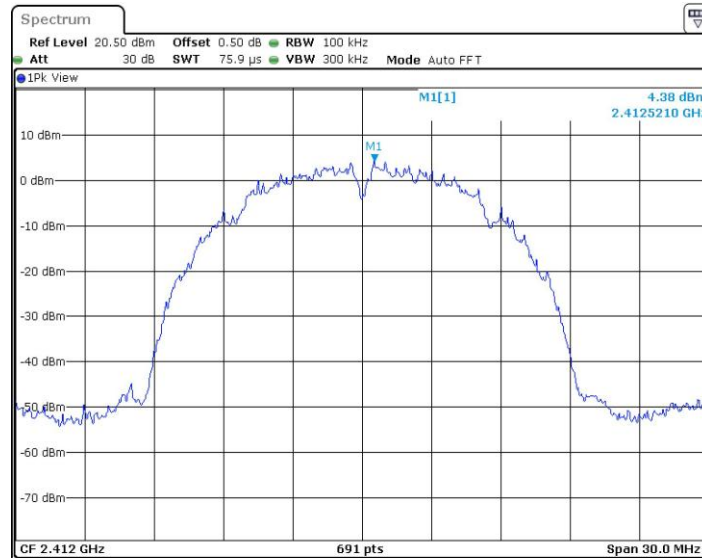
Appendix E: Conducted Spurious Emission

Test Result

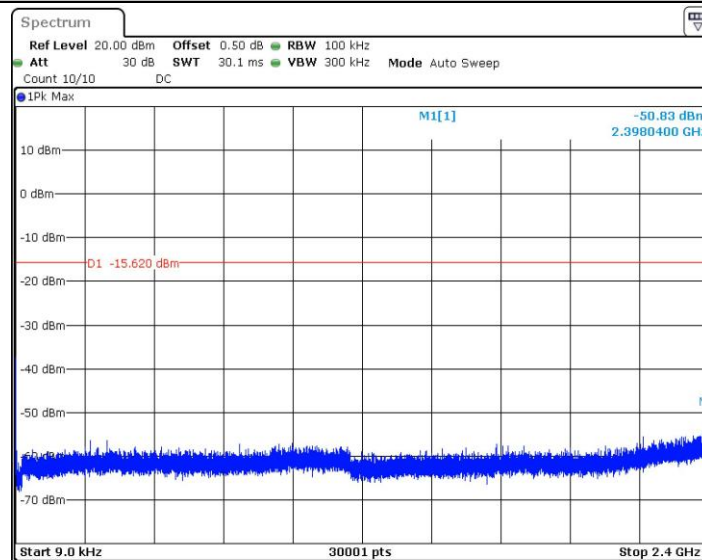
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.38	4.38	---	PASS
			0.009~2400	4.38	-50.83	<=-15.62	PASS
			2483.5~25000	4.38	-51.86	<=-15.62	PASS
		2437	Reference	4.31	4.31	---	PASS
			0.009~2400	4.31	-54.55	<=-15.69	PASS
			2483.5~25000	4.31	-51.83	<=-15.69	PASS
		2462	Reference	4.16	4.16	---	PASS
			0.009~2400	4.16	-53.4	<=-15.84	PASS
			2483.5~25000	4.16	-51.08	<=-15.84	PASS
11G	Ant1	2412	Reference	0.10	0.10	---	PASS
			0.009~2400	0.10	-43.35	<=-19.9	PASS
			2483.5~25000	0.10	-52.49	<=-19.9	PASS
		2437	Reference	-2.09	-2.09	---	PASS
			0.009~2400	-2.09	-54.84	<=-22.09	PASS
			2483.5~25000	-2.09	-50.8	<=-22.09	PASS
		2462	Reference	-0.99	-0.99	---	PASS
			0.009~2400	-0.99	-55.48	<=-20.99	PASS
			2483.5~25000	-0.99	-51.65	<=-20.99	PASS
11N20SISO	Ant1	2412	Reference	-1.12	-1.12	---	PASS
			0.009~2400	-1.12	-45.94	<=-21.12	PASS
			2483.5~25000	-1.12	-52.67	<=-21.12	PASS
		2437	Reference	-2.53	-2.53	---	PASS
			0.009~2400	-2.53	-55.73	<=-22.53	PASS
			2483.5~25000	-2.53	-52.43	<=-22.53	PASS
		2462	Reference	-1.30	-1.30	---	PASS
			0.009~2400	-1.30	-56.26	<=-21.3	PASS
			2483.5~25000	-1.30	-51.95	<=-21.3	PASS

Total Quality. Assured.

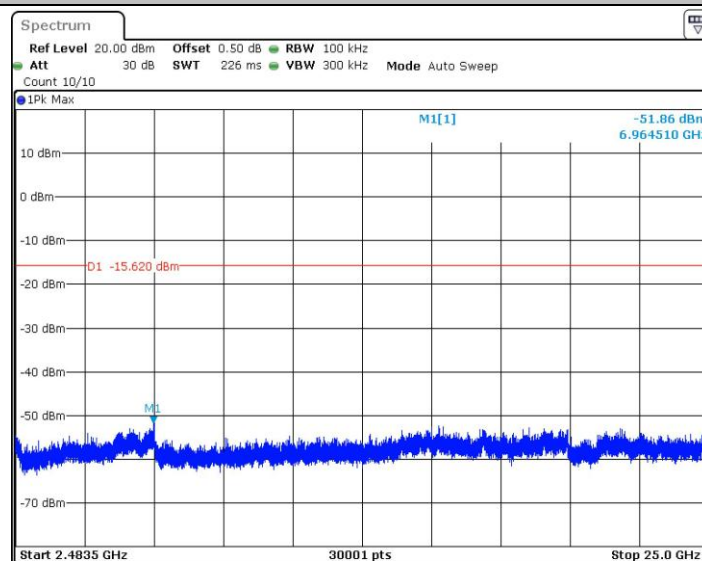
Test Graphs



11B_Ant1_2412_0~Reference



11B_Ant1_2412_0.009~2400

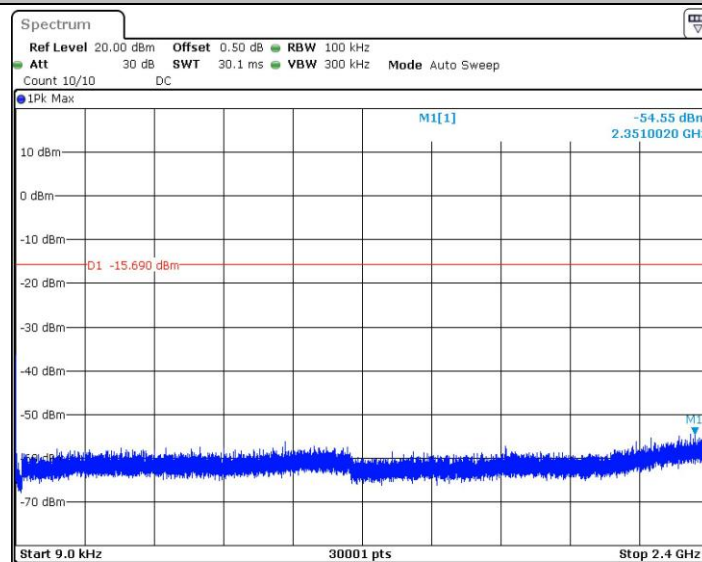


11B_Ant1_2412_2483.5~25000

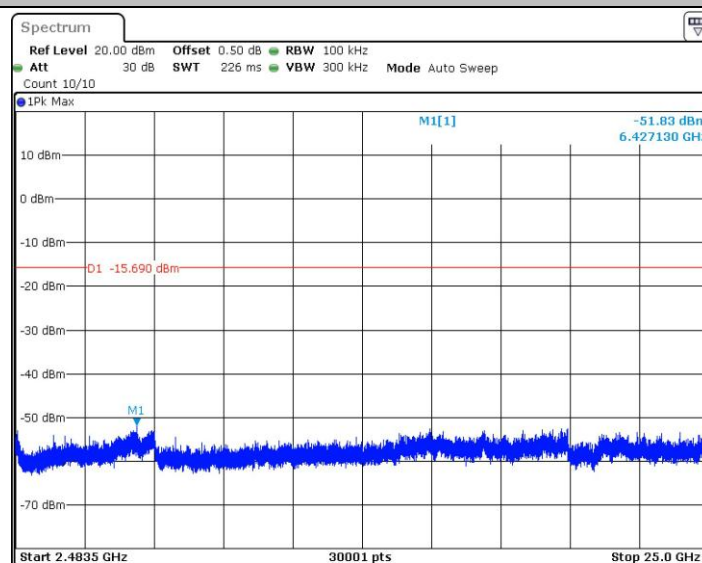
Total Quality Assured



11B_Ant1_2437_0~Reference

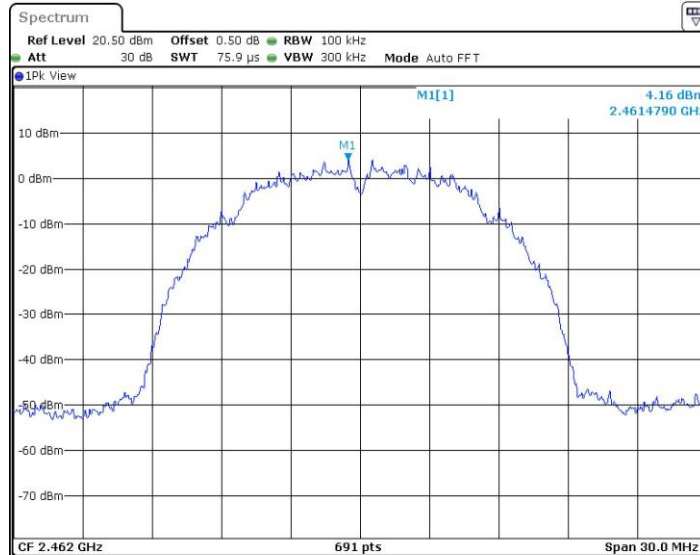


11B_Ant1_2437_0.009~2400

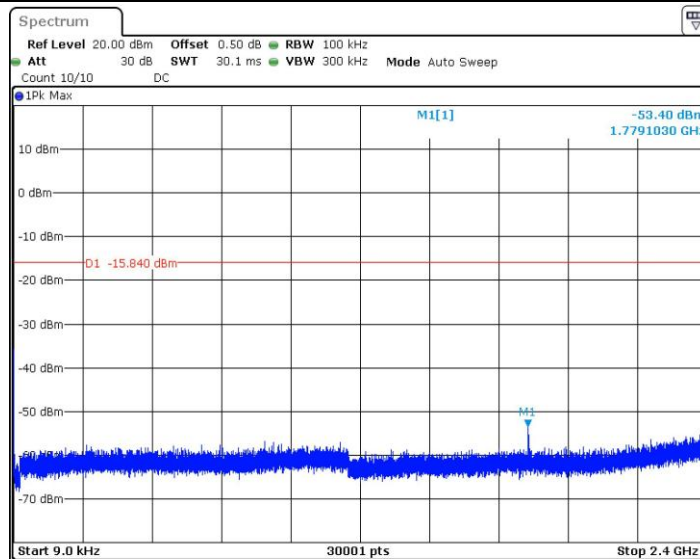


11B_Ant1_2437_2483.5~25000

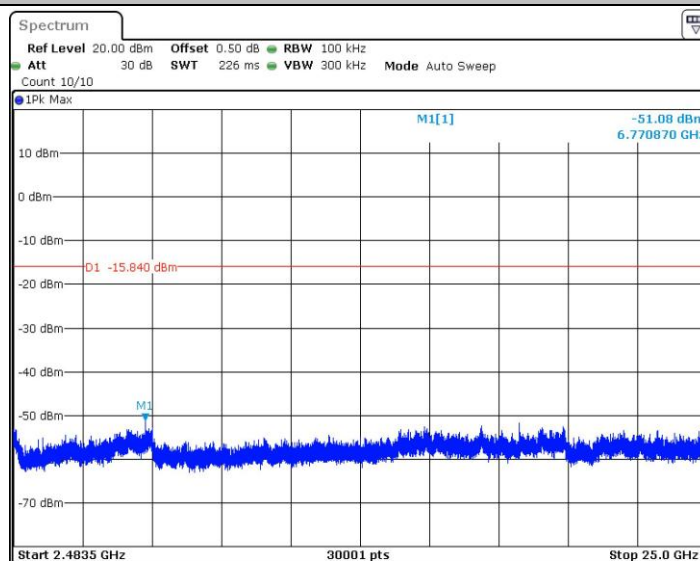
Total Quality Assured



11B_Ant1_2462_0~Reference

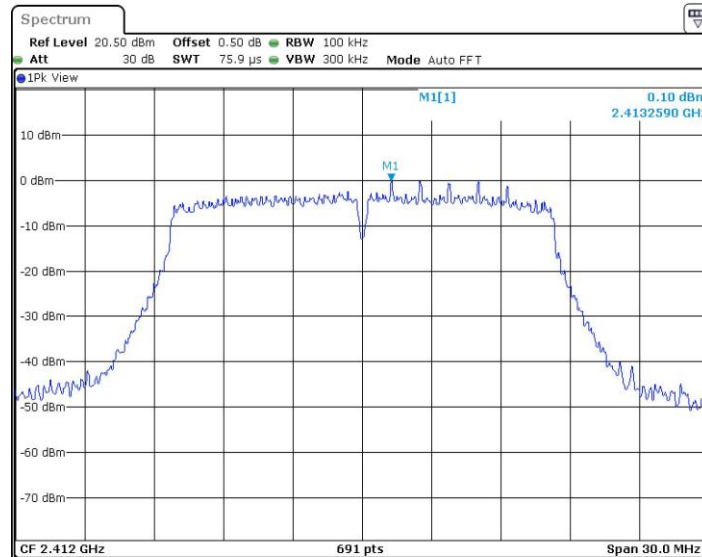


11B_Ant1_2462_0.009~2400

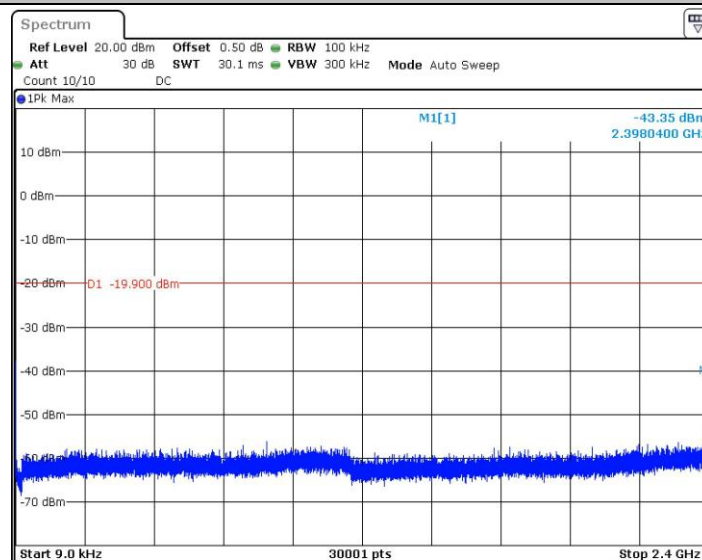


11B_Ant1_2462_2483.5~25000

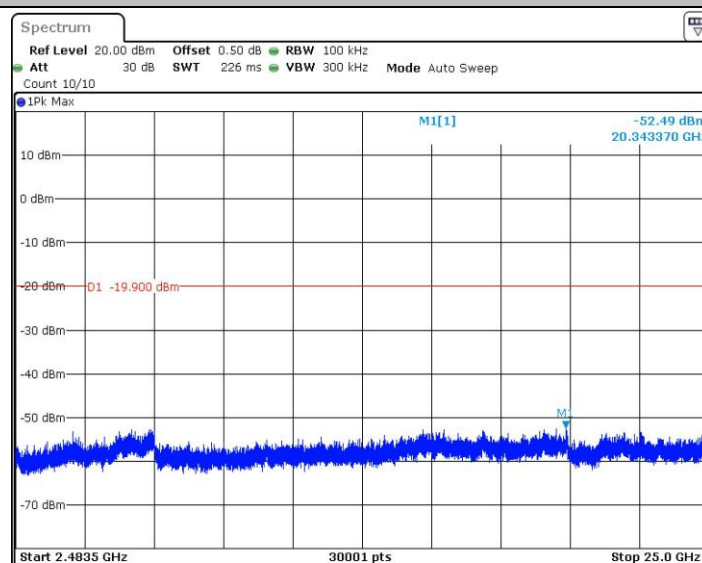
Total Quality Assured



11G_Ant1_2412_0~Reference

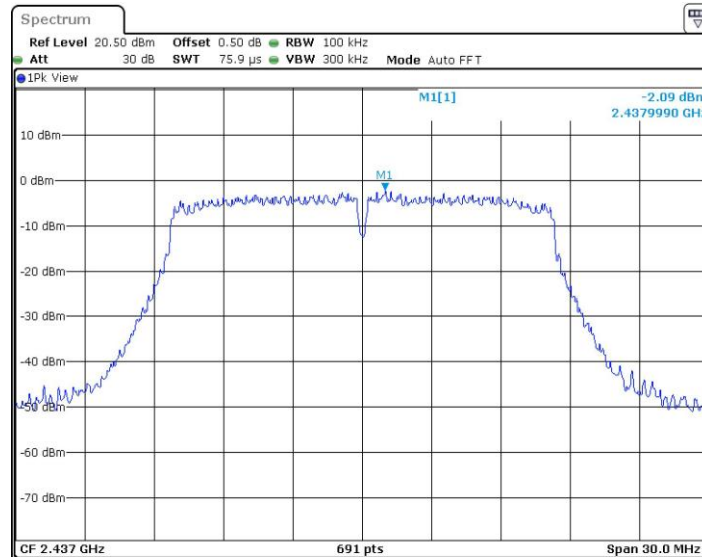


11G_Ant1_2412_0.009~2400

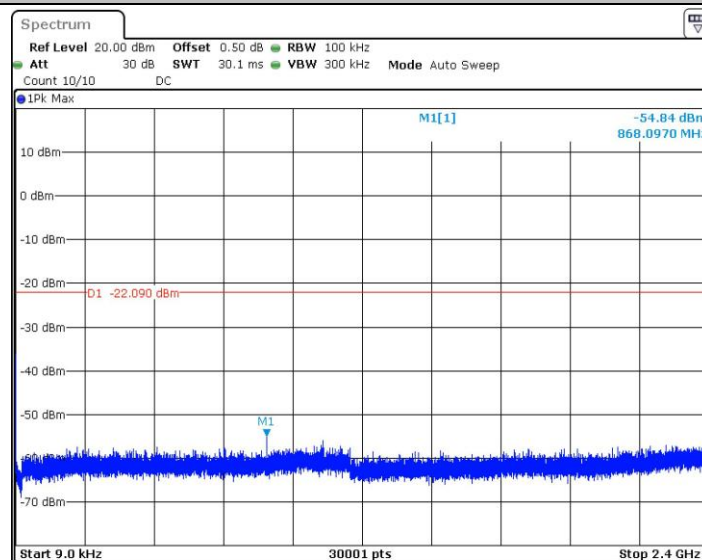


11G_Ant1_2412_2483.5~25000

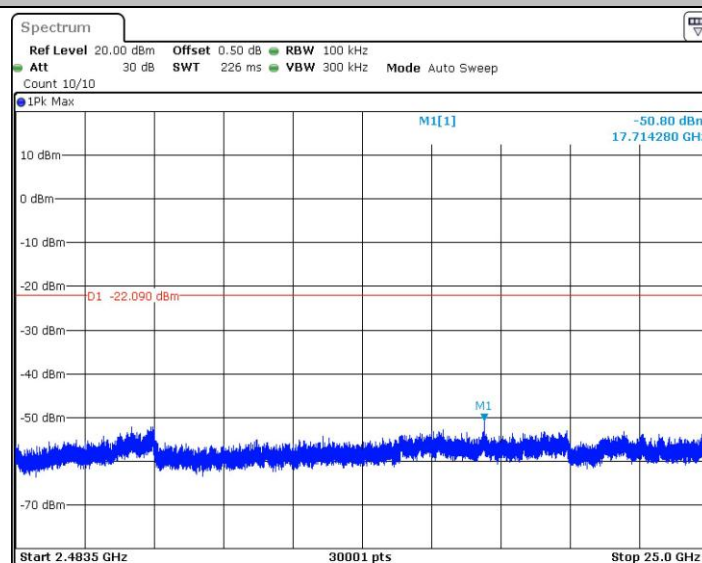
Total Quality Assured



11G_Ant1_2437_0~Reference

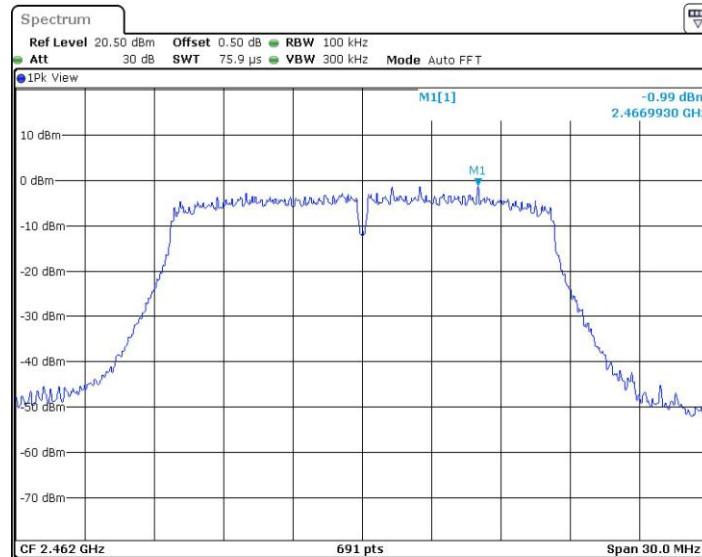


11G_Ant1_2437_0.009~2400

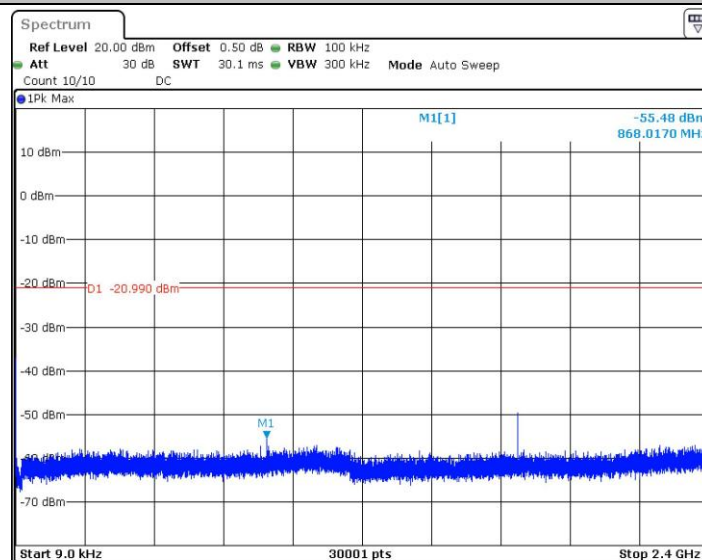


11G_Ant1_2437_2483.5~25000

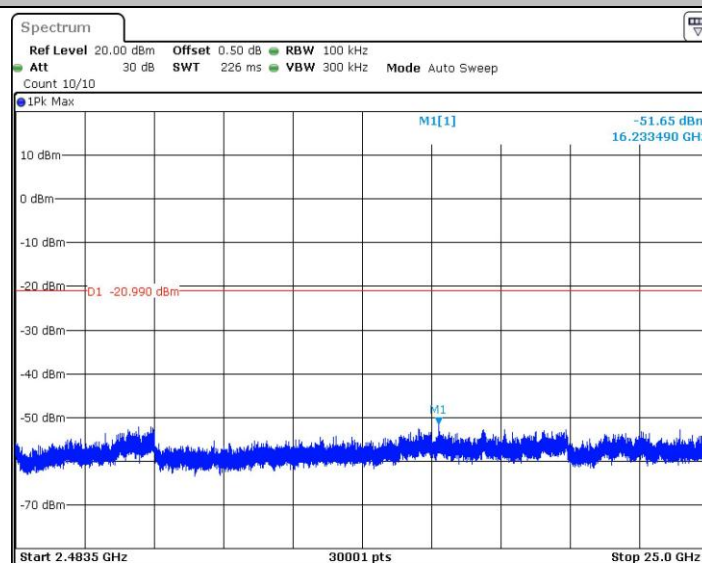
Total Quality Assured



11G_Ant1_2462_0~Reference

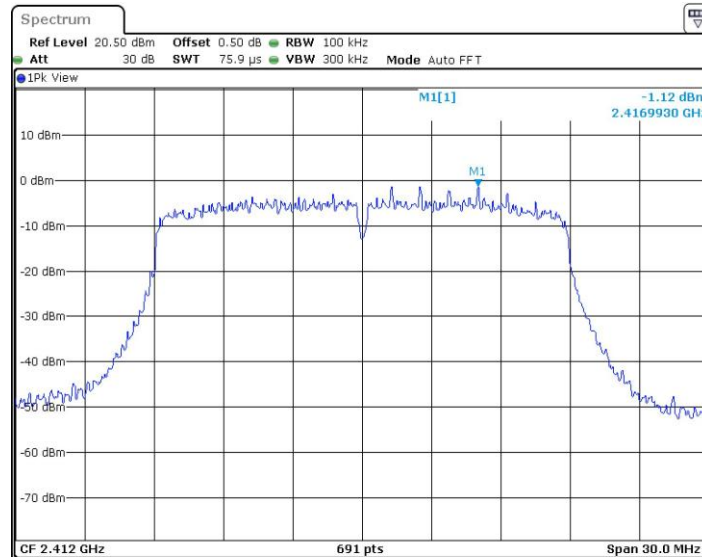


11G_Ant1_2462_0.009~2400

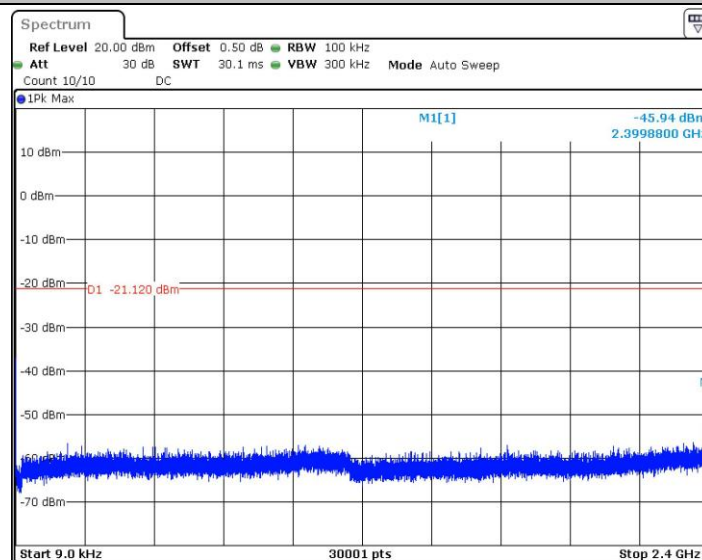


11G_Ant1_2462_2483.5~25000

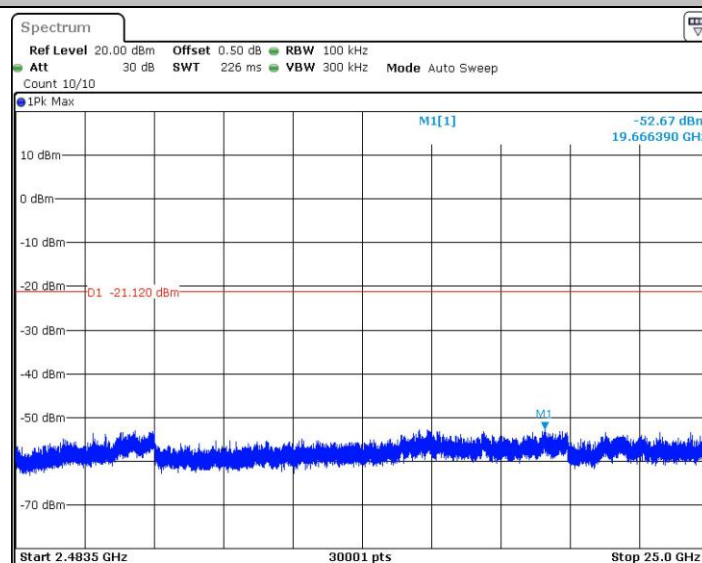
Total Quality Assured



11N20SISO_Ant1_2412_0~Reference

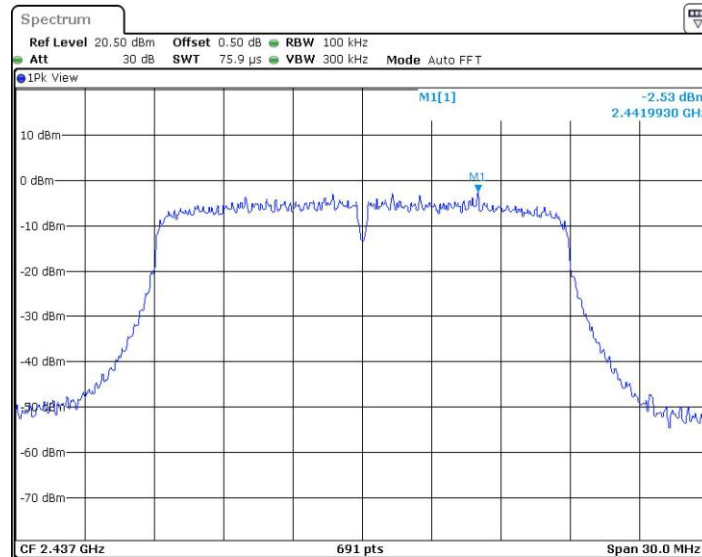


11N20SISO_Ant1_2412_0.009~2400

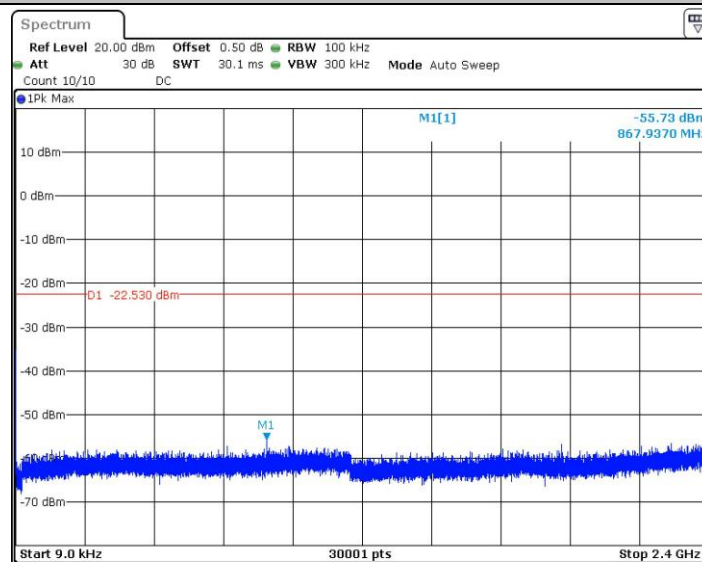


11N20SISO_Ant1_2412_2483.5~25000

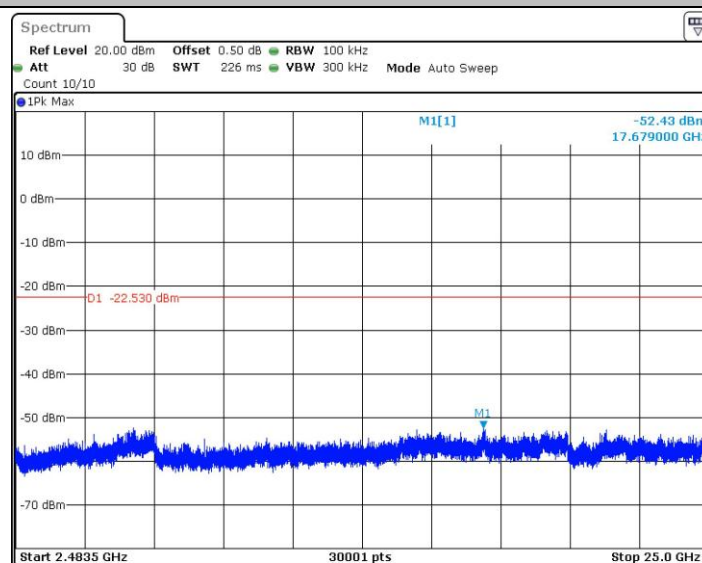
Total Quality Assured



11N20SISO_Ant1_2437_0~Reference

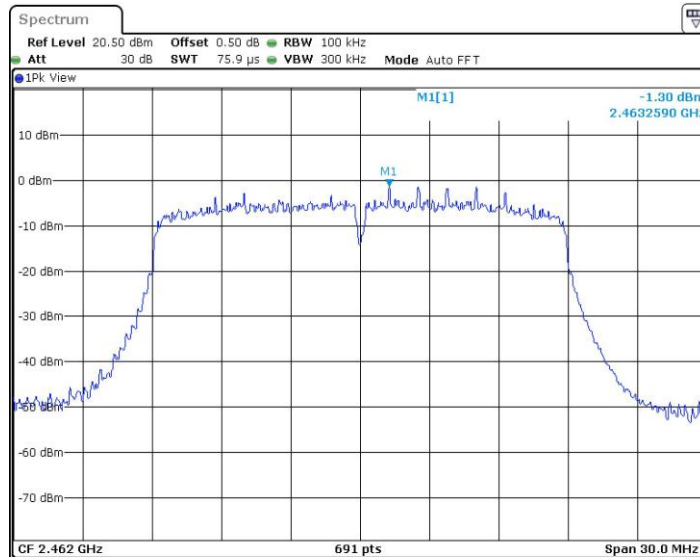


11N20SISO_Ant1_2437_0.009~2400

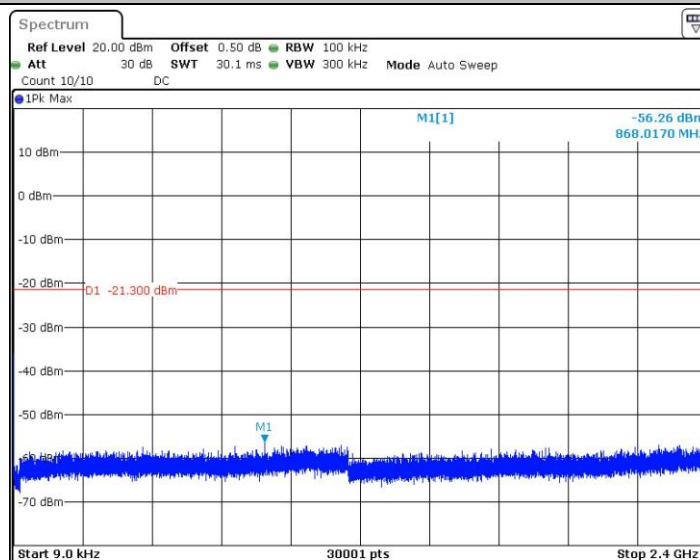


11N20SISO_Ant1_2437_2483.5~25000

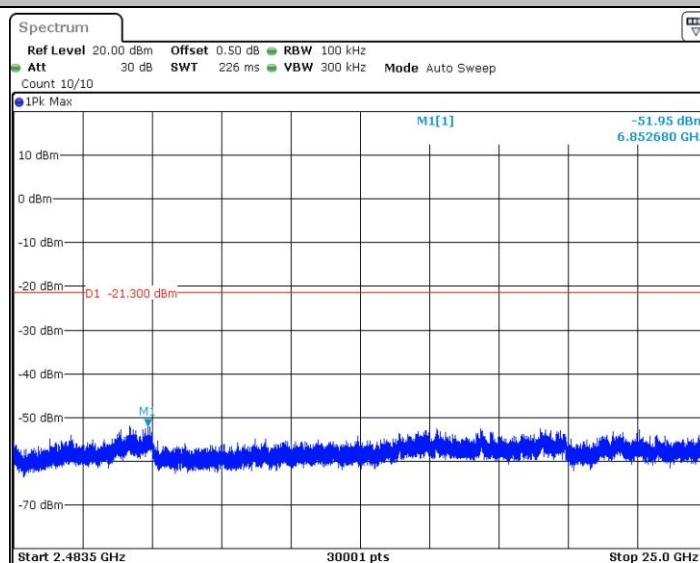
Total Quality Assured



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_0.009~2400



11N20SISO_Ant1_2462_2483.5~25000