

Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/10kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant	2412	-11.04	-16.27	<=8	PASS
		2437	-11.49	-16.72	<=8	PASS
		2462	-12.13	-17.36	<=8	PASS
11G	Ant	2412	-13.28	-18.51	<=8	PASS
		2437	-15.59	-20.82	<=8	PASS
		2462	-15.08	-20.31	<=8	PASS
11N20SISO	Ant	2412	-15.58	-20.81	<=8	PASS
		2437	-16.20	-21.43	<=8	PASS
		2462	-15.35	-20.58	<=8	PASS

Test Graphs

11B_Ant_2412



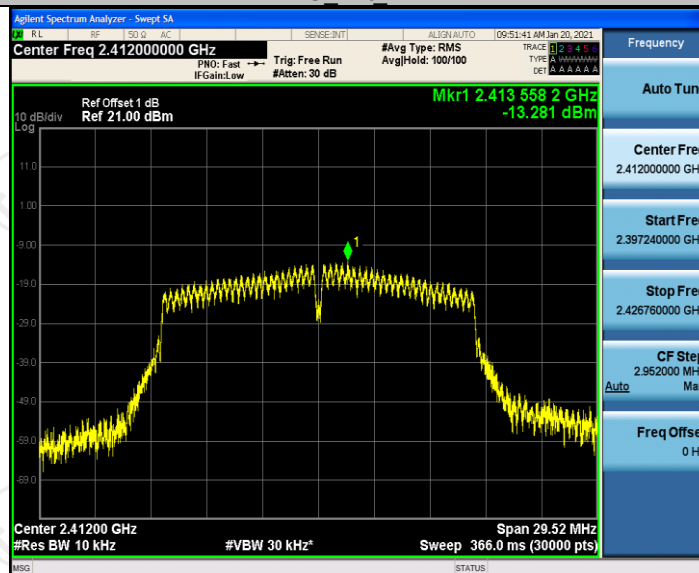
11B_Ant_2437



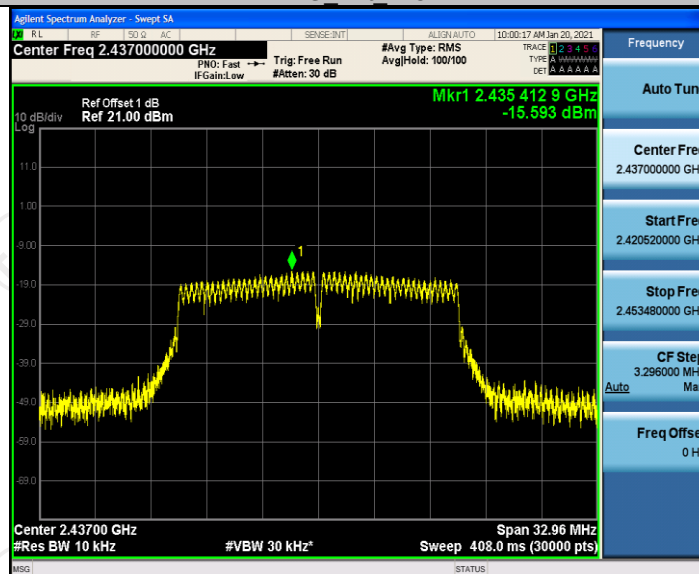
11B_Ant_2462



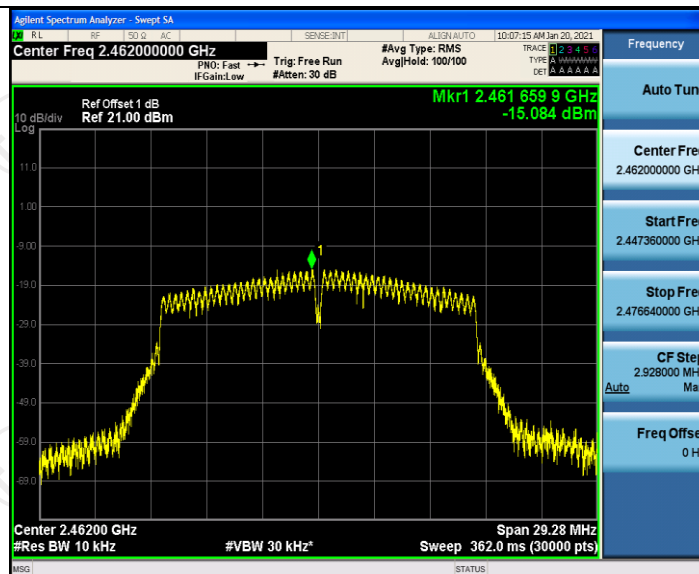
11G Ant 2412



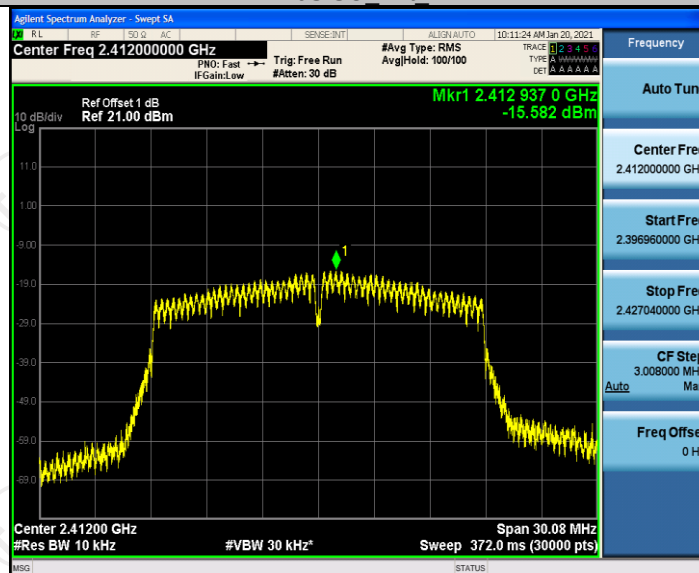
11G Ant 2437



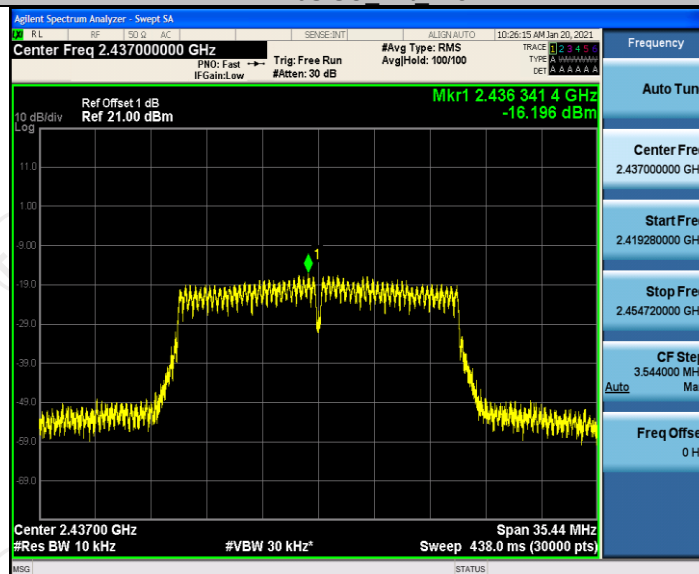
11G Ant 2462



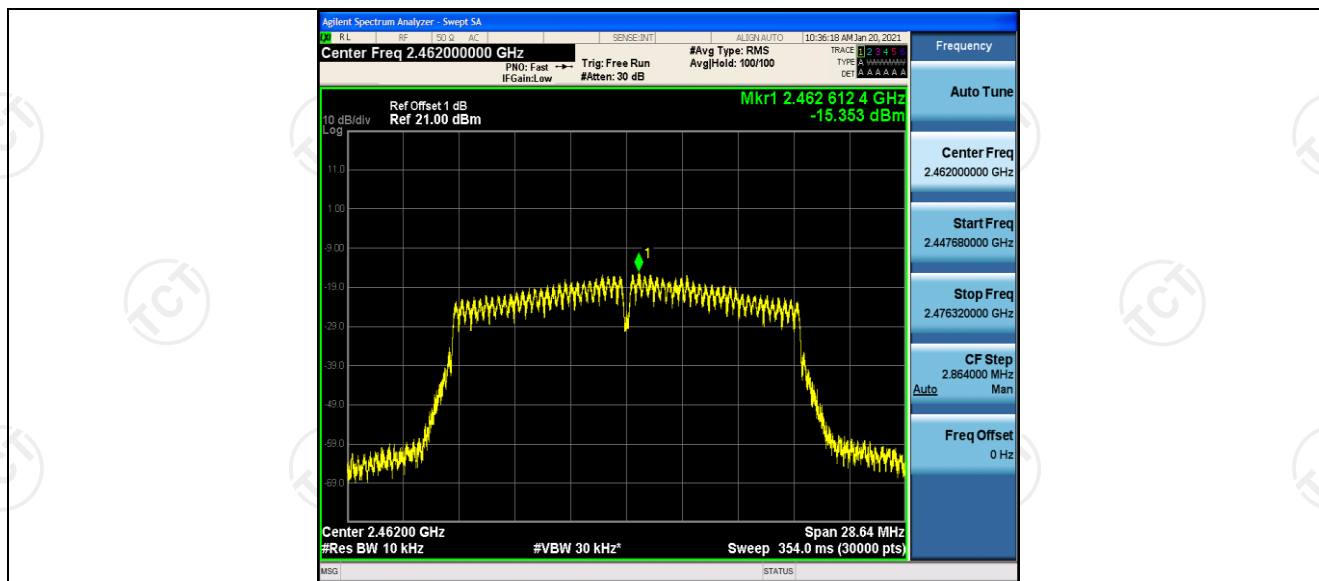
11N20SISO Ant 2412



11N20SISO Ant 2437



11N20SISO Ant 2462



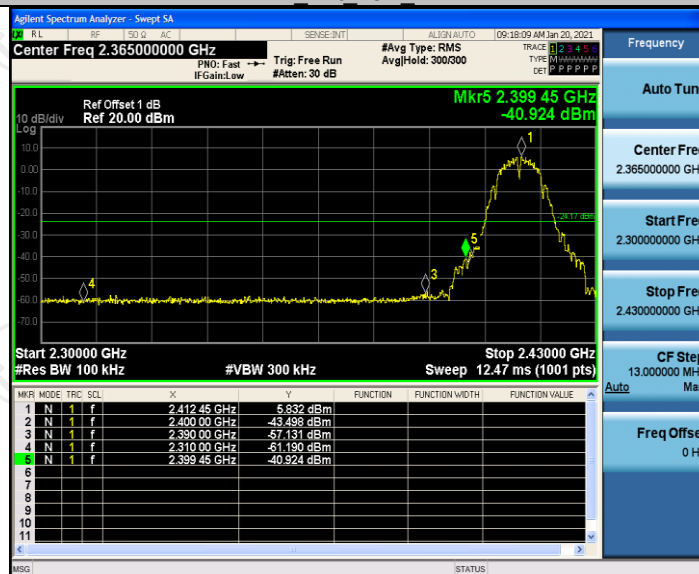
Band edge measurements

Test Result

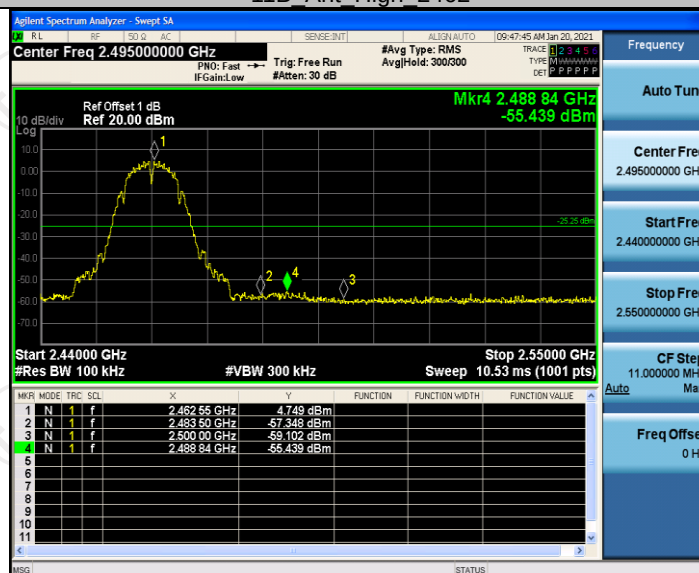
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant	Low	2412	5.83	-40.92	<=-24.17	PASS
		High	2462	4.75	-55.44	<=-25.25	PASS
11G	Ant	Low	2412	0.54	-35.70	<=-29.46	PASS
		High	2462	-0.36	-50.28	<=-30.36	PASS
11N20SISO	Ant	Low	2412	-0.98	-42.44	<=-30.98	PASS
		High	2462	-1.13	-51.68	<=-31.13	PASS

Test Graphs

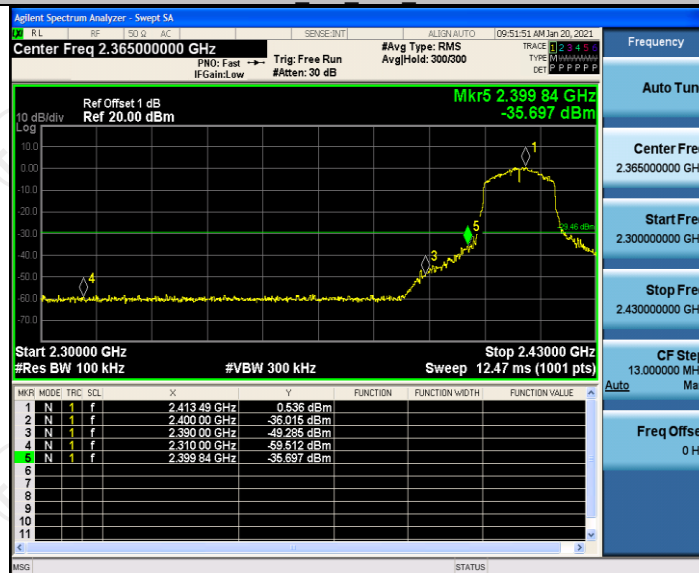
11B Ant Low 2412



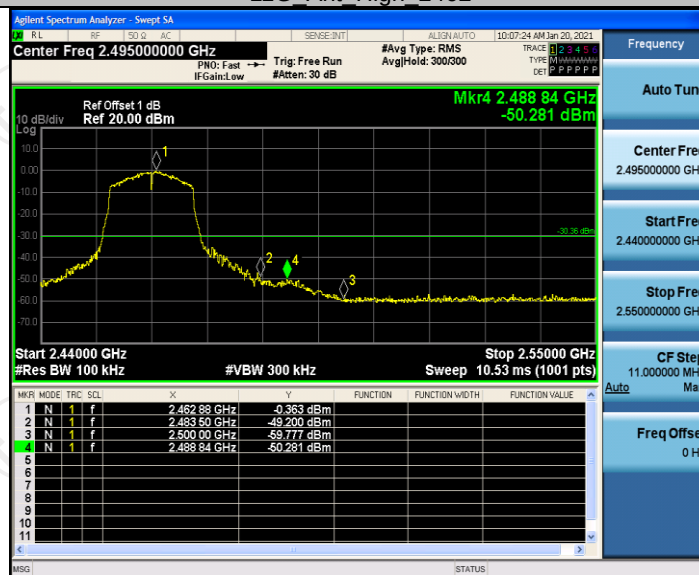
11B Ant High 2462



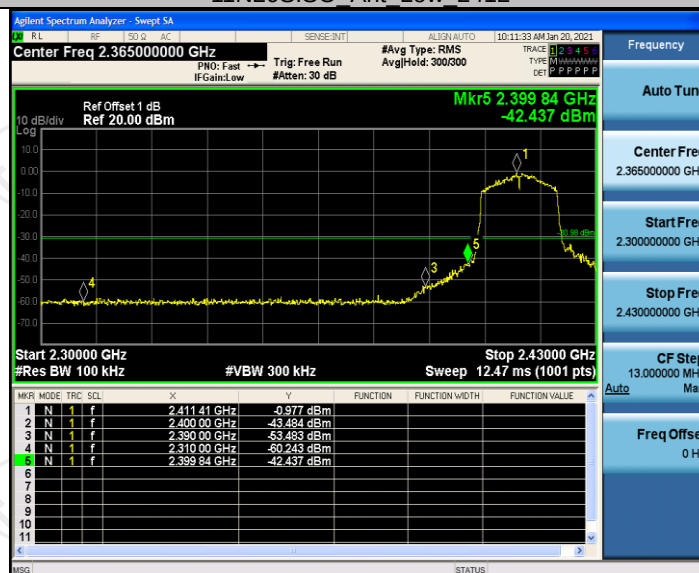
11G Ant Low 2412



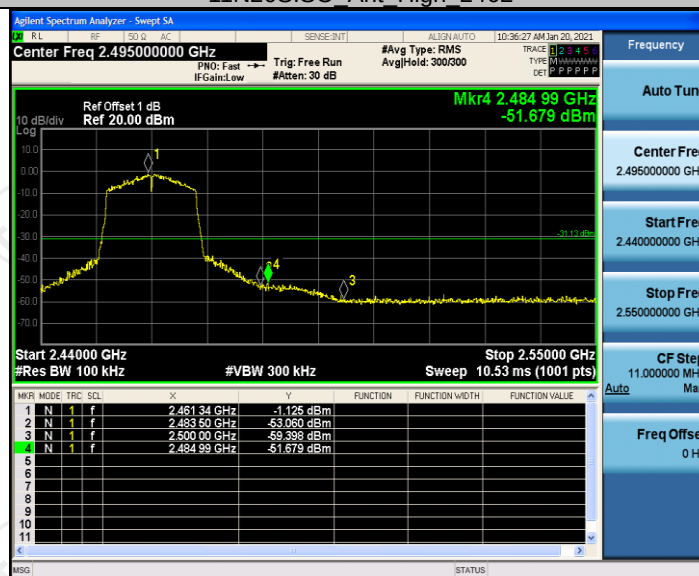
11G Ant High 2462



11N20SISO Ant Low 2412



11N20SISO Ant High 2462

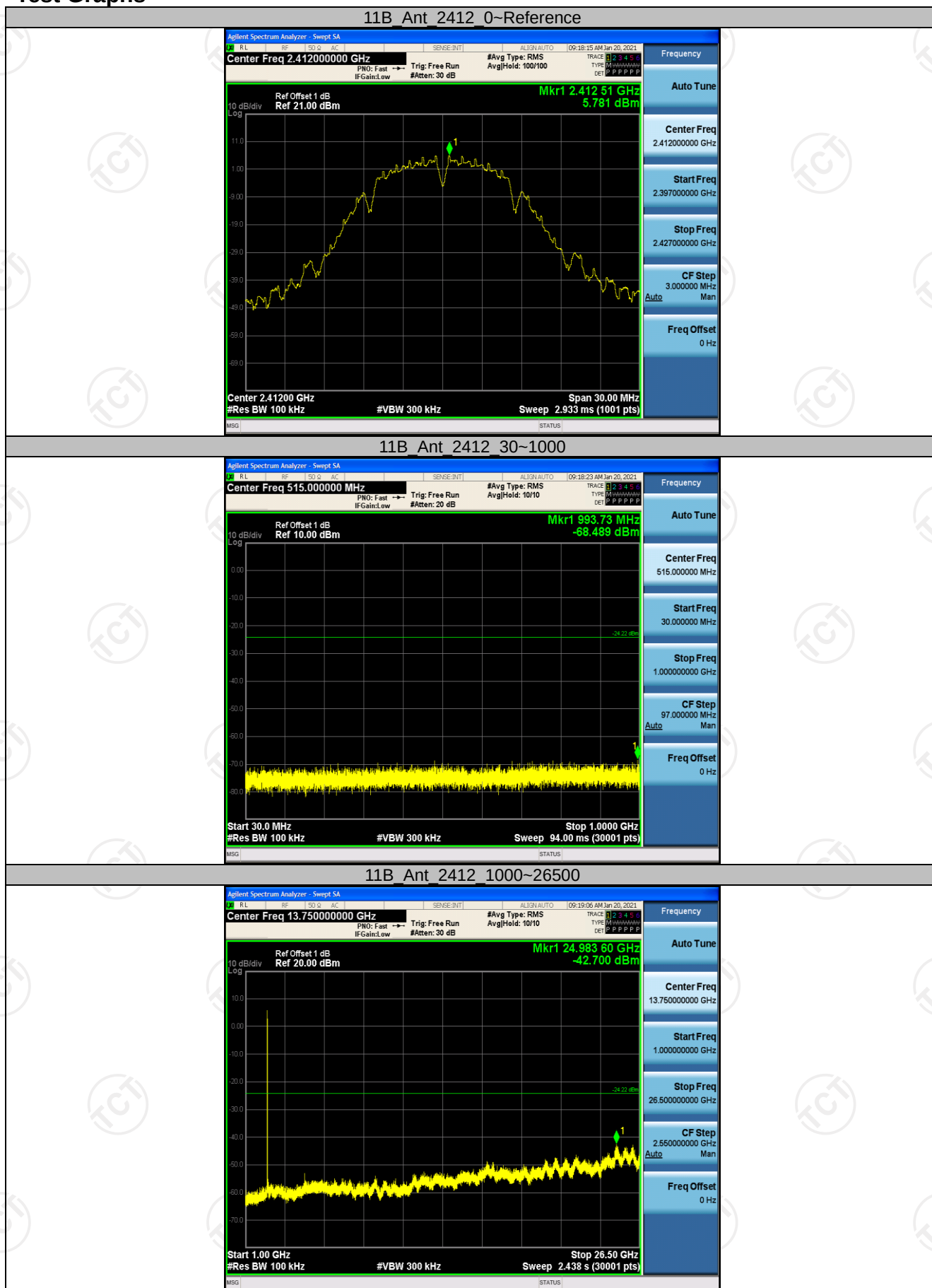


Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant	2412	Reference	5.78	5.78	---	PASS
			30~1000	30~1000	-68.489	<=-24.219	PASS
			1000~26500	1000~26500	-42.7	<=-24.219	PASS
		2437	Reference	4.65	4.65	---	PASS
			30~1000	30~1000	-67.033	<=-25.353	PASS
			1000~26500	1000~26500	-43	<=-25.353	PASS
		2462	Reference	4.73	4.73	---	PASS
			30~1000	30~1000	-68.33	<=-25.272	PASS
			1000~26500	1000~26500	-42.767	<=-25.272	PASS
11G	Ant	2412	Reference	0.46	0.46	---	PASS
			30~1000	30~1000	-66.472	<=-29.541	PASS
			1000~26500	1000~26500	-42.955	<=-29.541	PASS
		2437	Reference	-1.04	-1.04	---	PASS
			30~1000	30~1000	-68.189	<=-31.039	PASS
			1000~26500	1000~26500	-43.056	<=-31.039	PASS
		2462	Reference	-0.37	-0.37	---	PASS
			30~1000	30~1000	-67.796	<=-30.37	PASS
			1000~26500	1000~26500	-42.532	<=-30.37	PASS
11N20SISO	Ant	2412	Reference	-1.46	-1.46	---	PASS
			30~1000	30~1000	-67.493	<=-31.457	PASS
			1000~26500	1000~26500	-43.431	<=-31.457	PASS
		2437	Reference	-2.22	-2.22	---	PASS
			30~1000	30~1000	-68.475	<=-32.218	PASS
			1000~26500	1000~26500	-43.402	<=-32.218	PASS
		2462	Reference	-1.33	-1.33	---	PASS
			30~1000	30~1000	-68.499	<=-31.334	PASS
			1000~26500	1000~26500	-43.307	<=-31.334	PASS

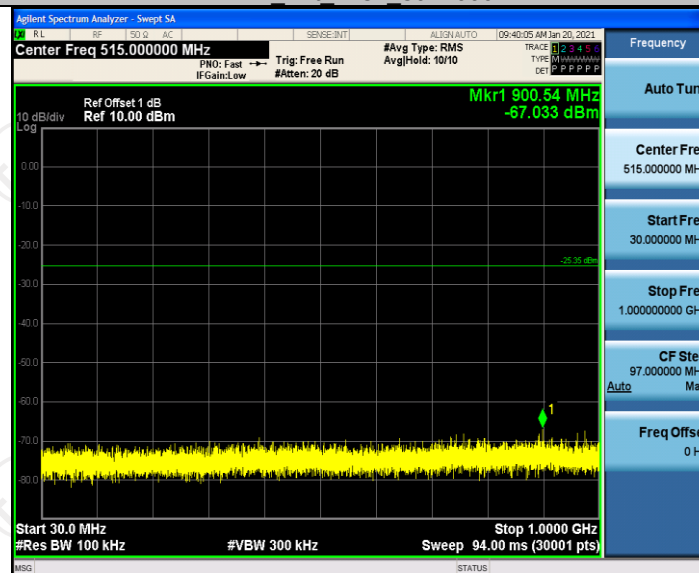
Test Graphs



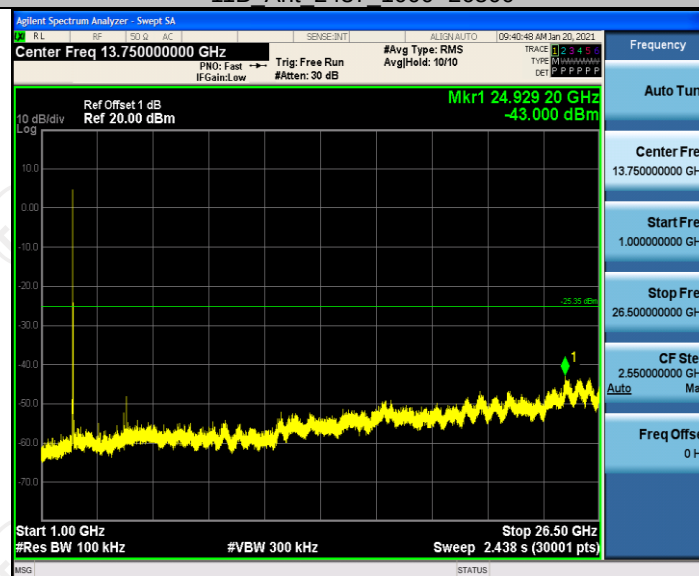
11B Ant 2437 0~Reference



11B Ant 2437 30~1000



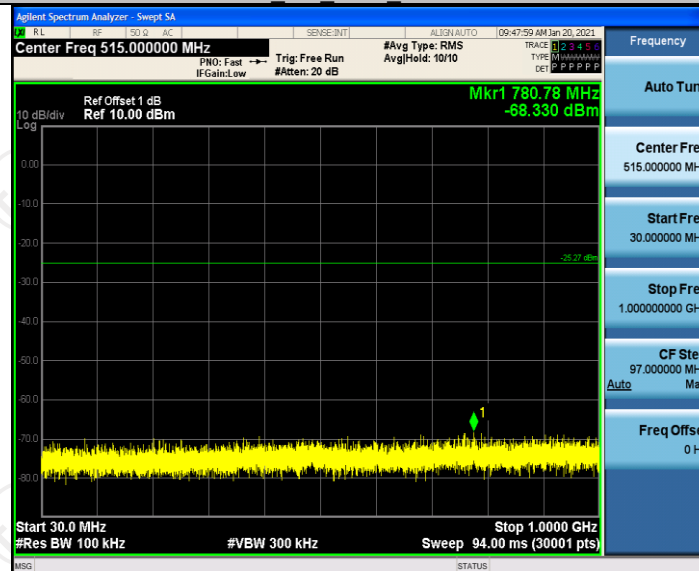
11B Ant 2437 1000~26500



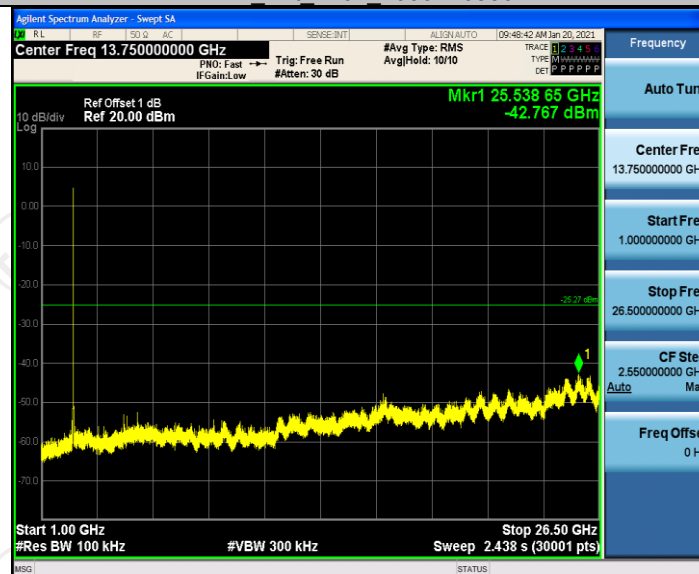
11B Ant 2462 0~Reference



11B Ant 2462 30~1000



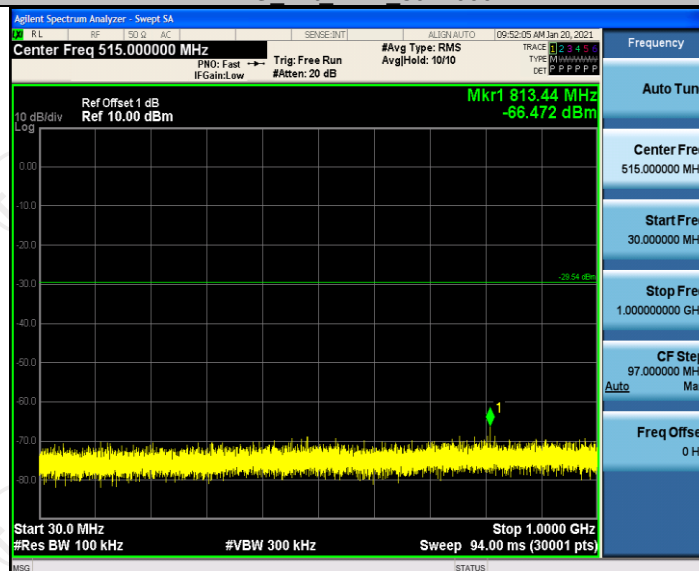
11B Ant 2462 1000~26500



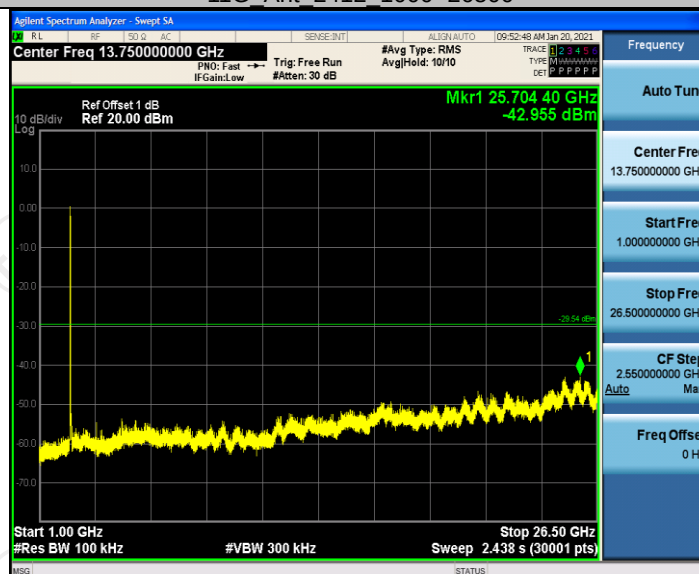
11G Ant 2412 0~Reference



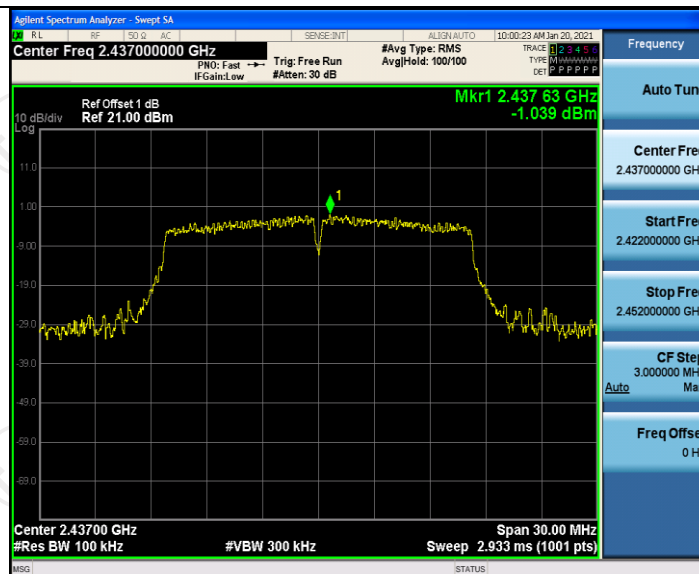
11G Ant 2412 30~1000



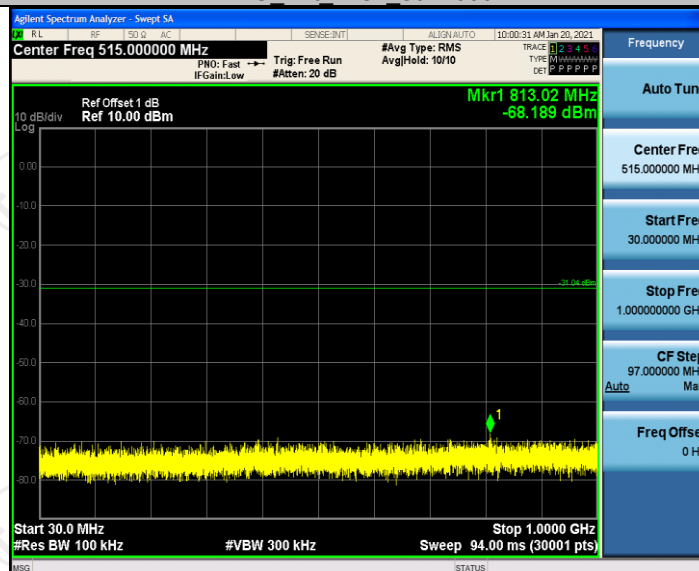
11G Ant 2412 1000~26500



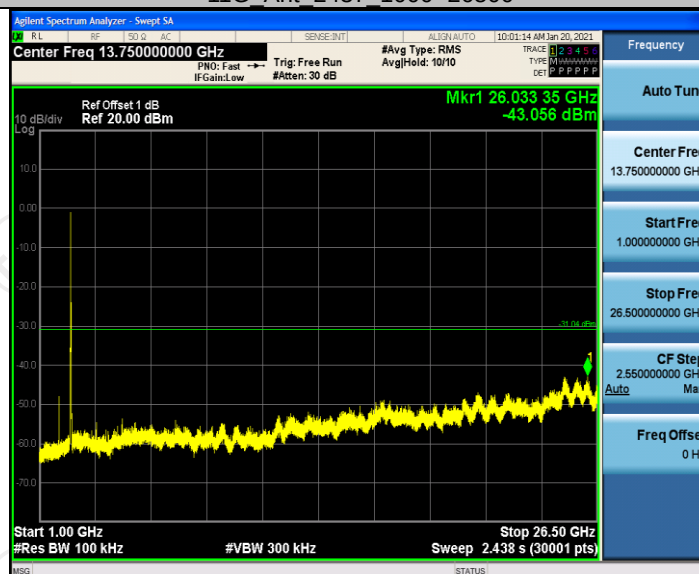
11G Ant 2437 0~Reference



11G Ant 2437 30~1000



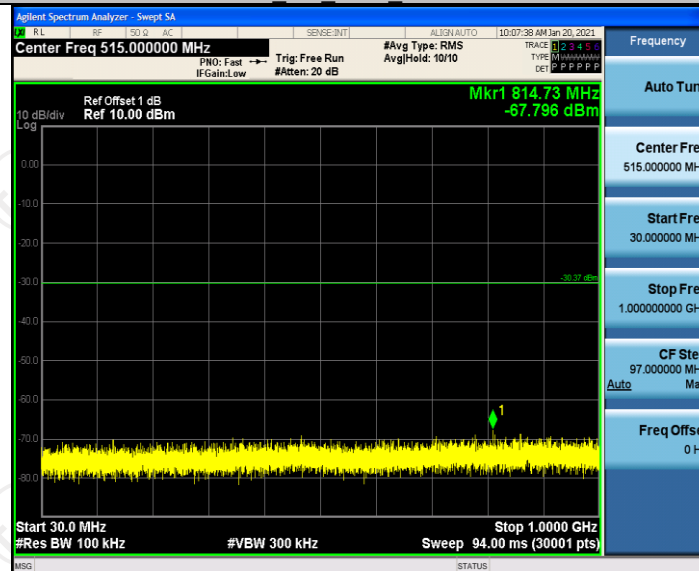
11G Ant 2437 1000~26500



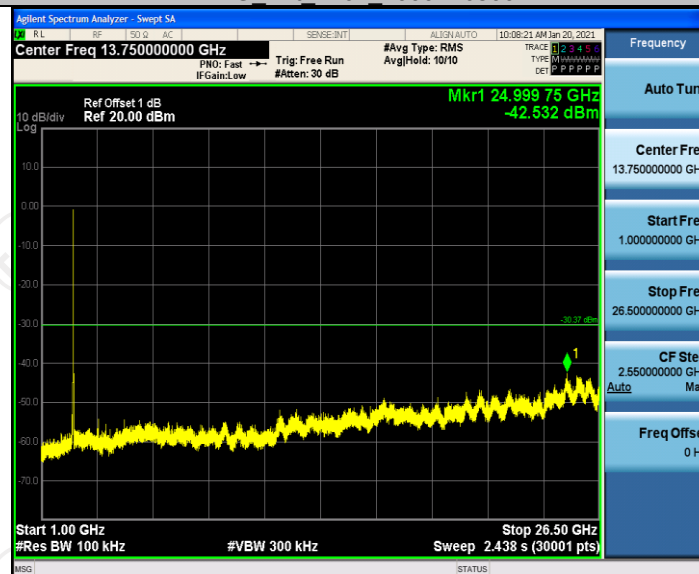
11G Ant 2462 0~Reference



11G Ant 2462 30~1000



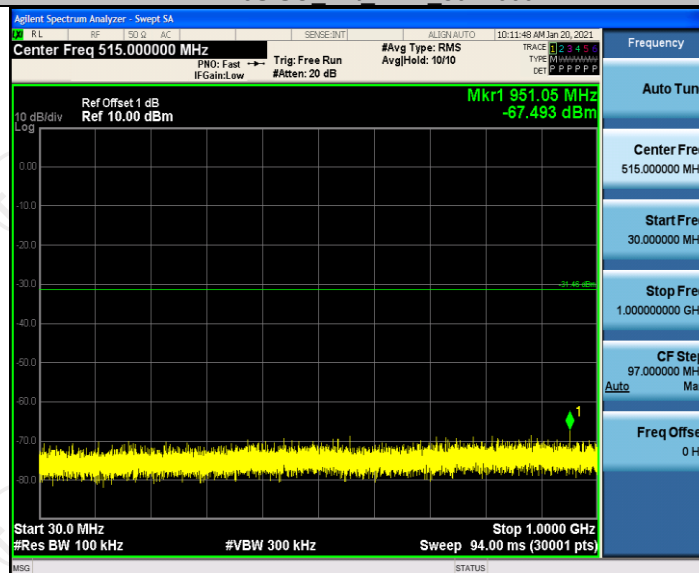
11G Ant 2462 1000~26500



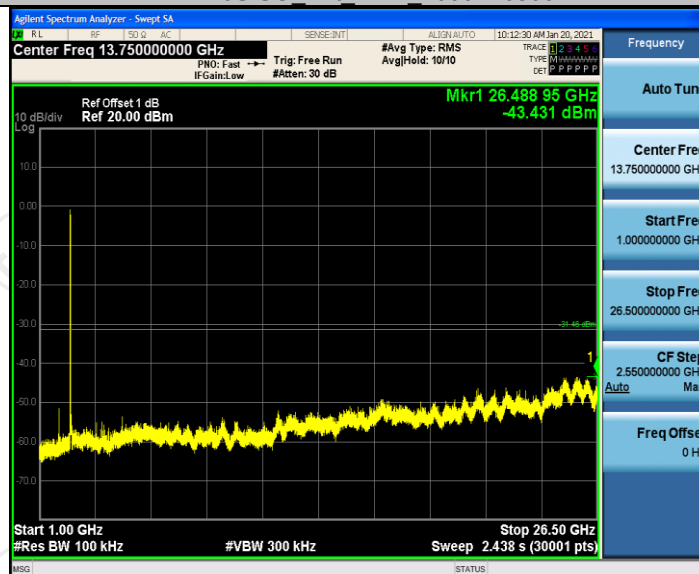
11N20SISO Ant 2412 0~Reference



11N20SISO Ant 2412 30~1000



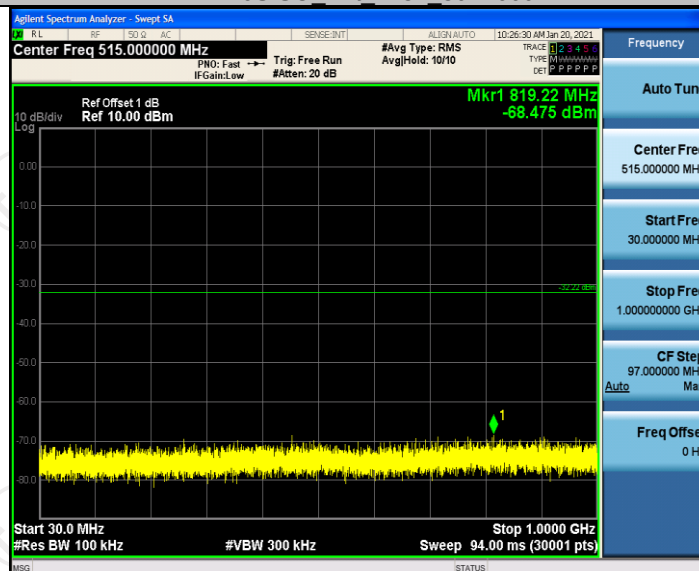
11N20SISO Ant 2412 1000~26500



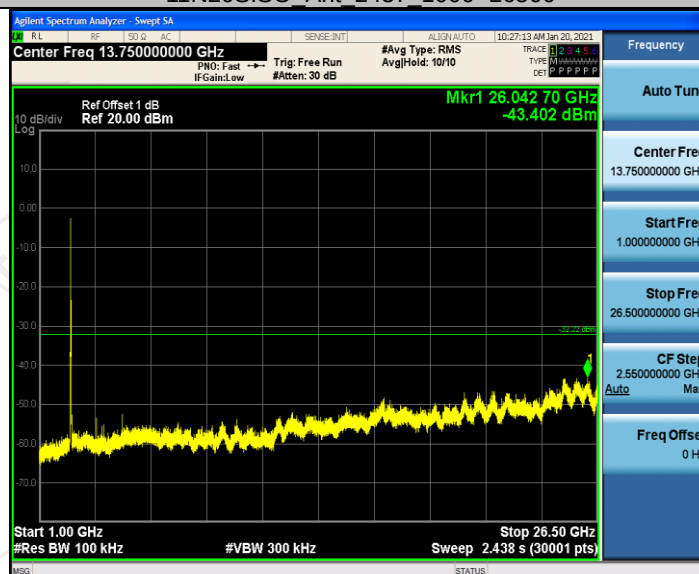
11N20SISO Ant 2437 0~Reference



11N20SISO Ant 2437 30~1000



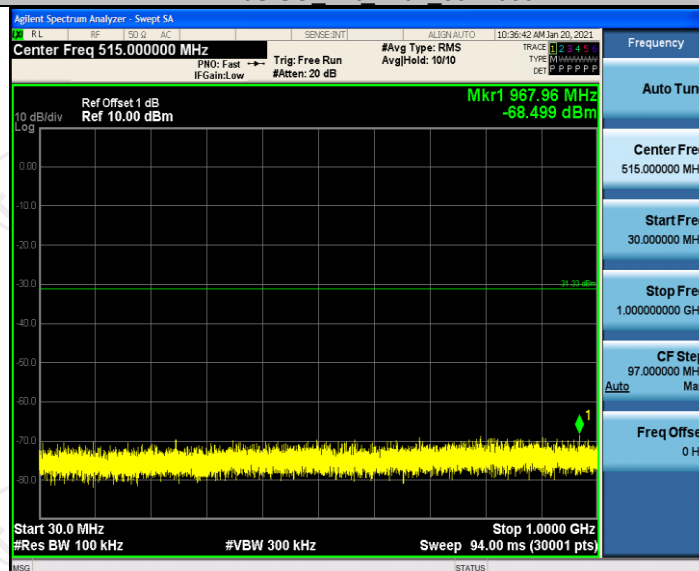
11N20SISO Ant 2437 1000~26500



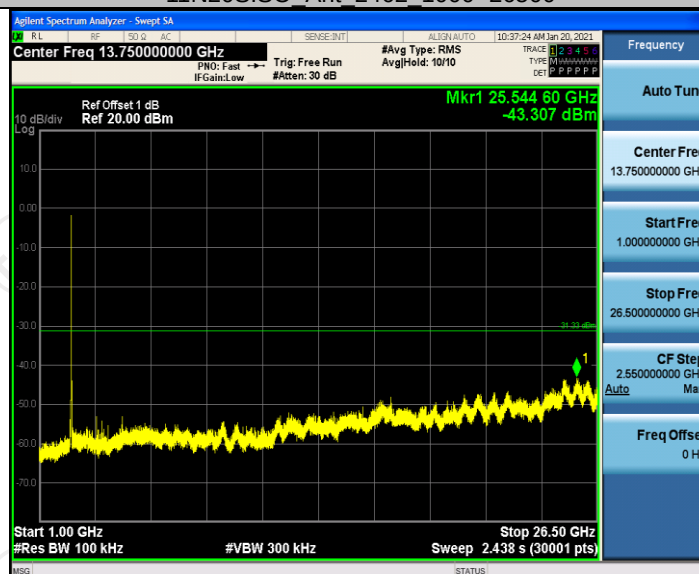
11N20SISO Ant 2462 0~Reference



11N20SISO Ant 2462 30~1000



11N20SISO Ant 2462 1000~26500



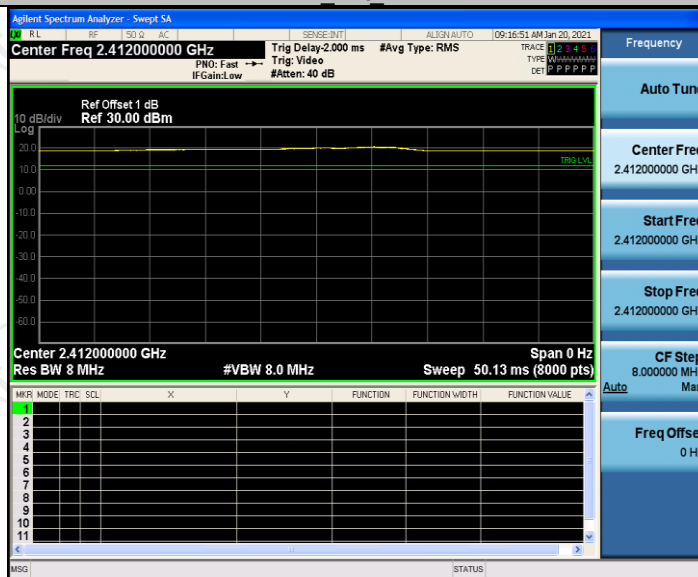
Duty Cycle

Test Result

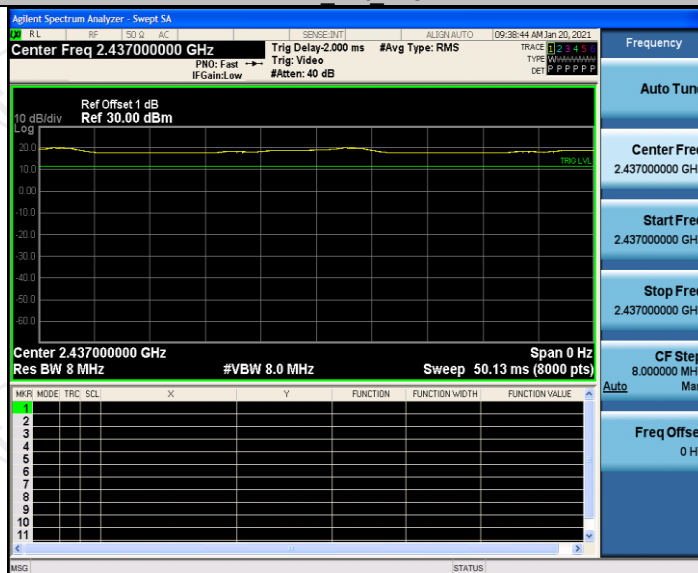
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11G	Ant	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11N20SISO	Ant	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS

Test Graphs

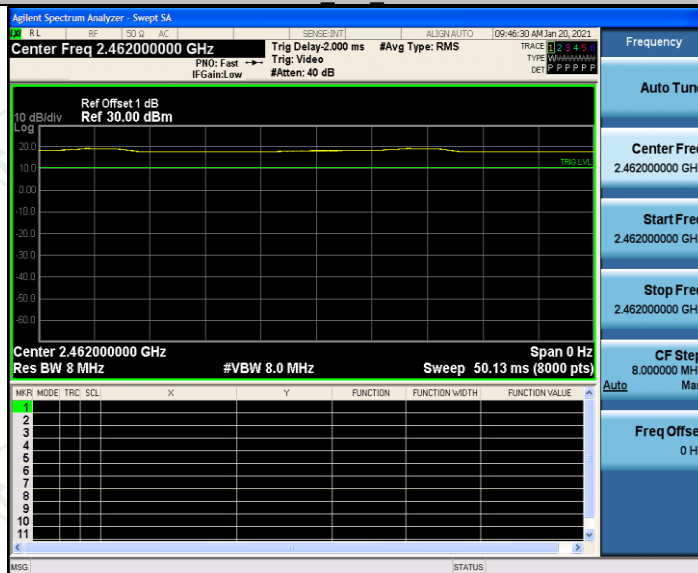
11B Ant 2412



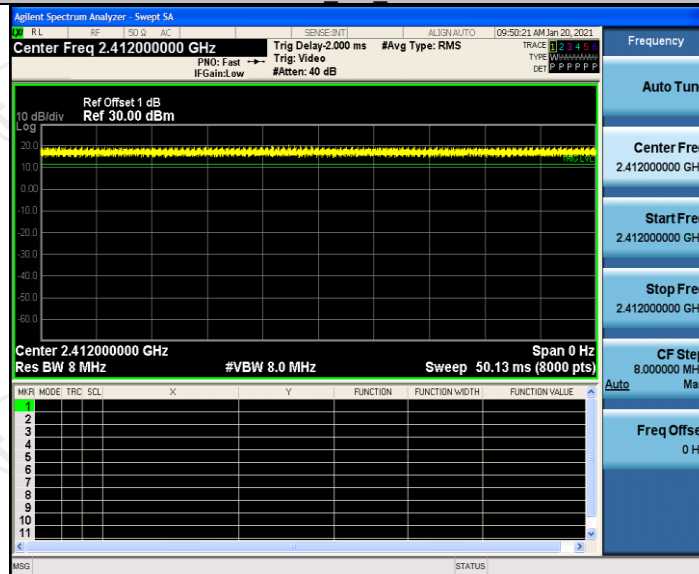
11B Ant 2437



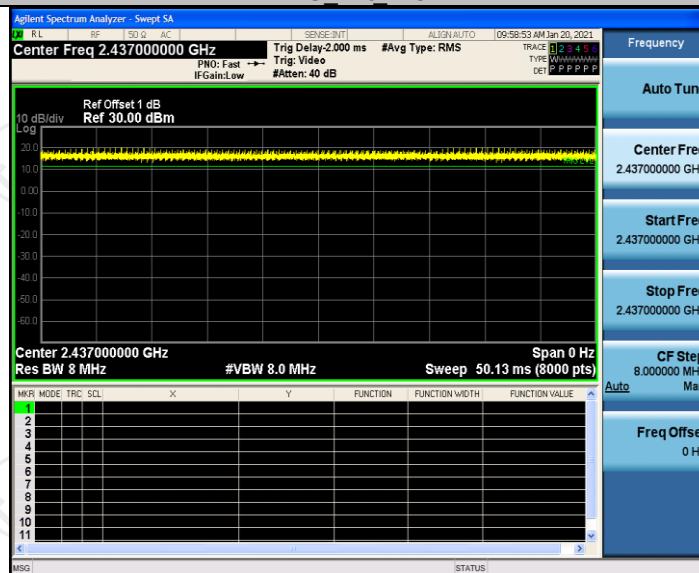
11B Ant 2462



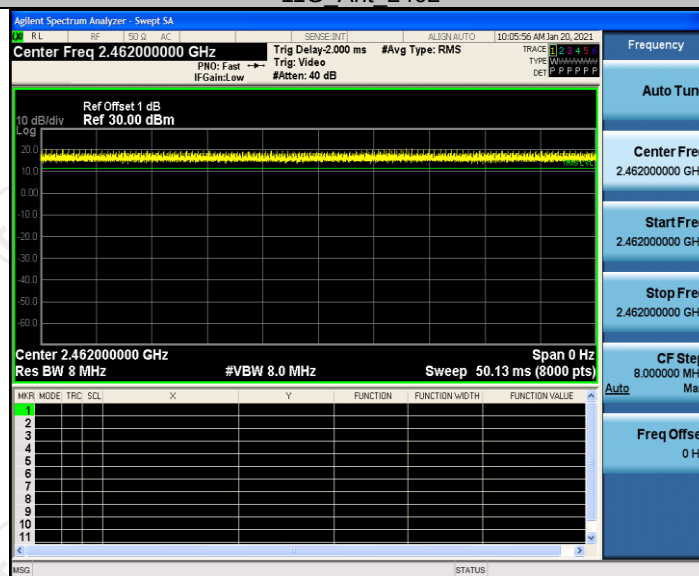
11G Ant 2412



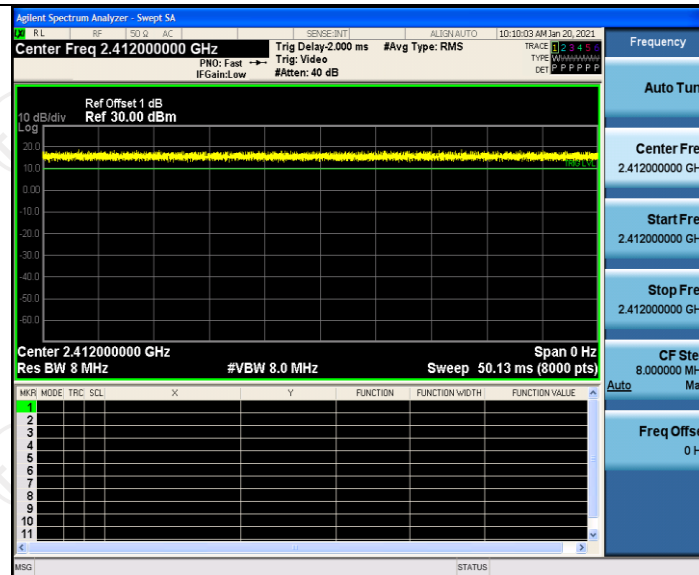
11G Ant 2437



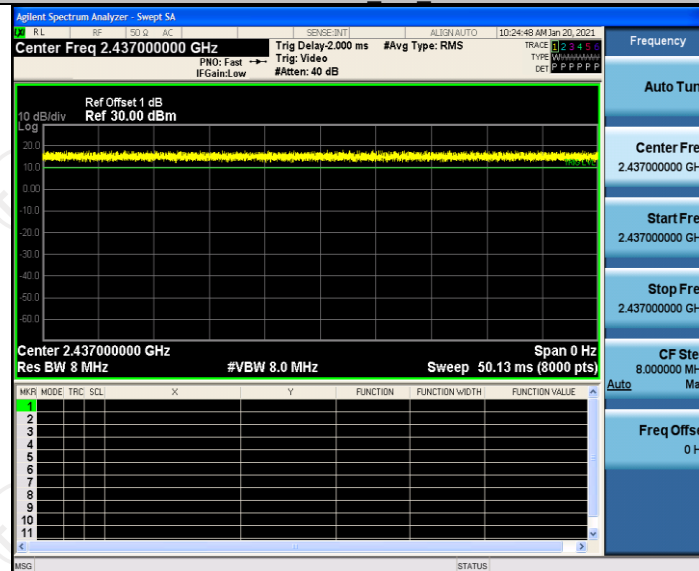
11G Ant 2462



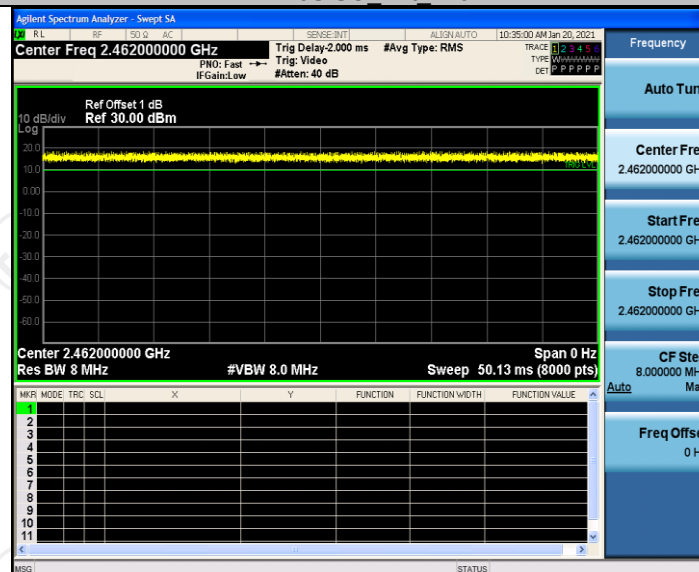
11N20SISO Ant 2412



11N20SISO Ant 2437



11N20SISO Ant 2462



Appendix A: Photographs of Test Setup

Refer to the test report No. TCT201230E014

Appendix B: Photographs of EUT

Refer to the test report No. TCT201230E014

*******END OF REPORT*******