

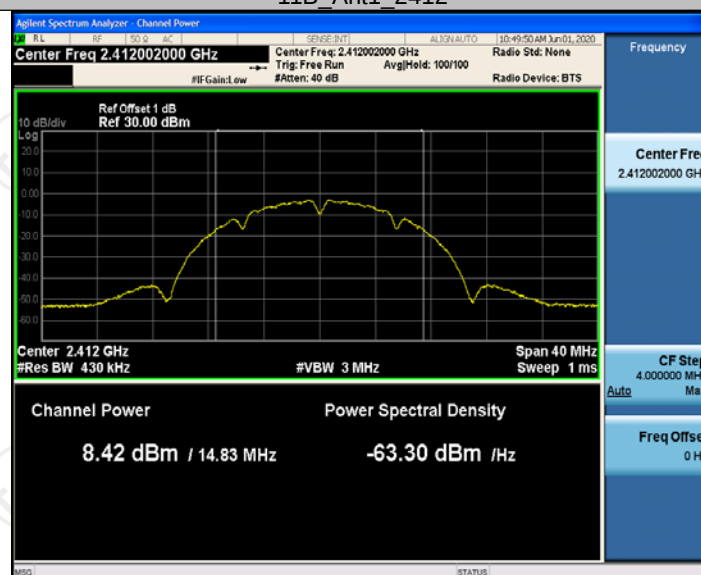
Maximum conducted output power

Test Result

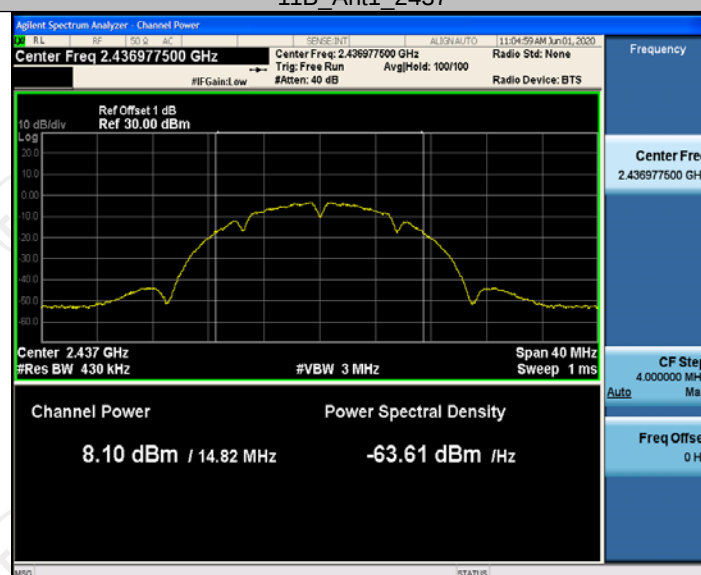
Test Mode	Antenna	Channel	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	8.42	<=30	PASS
		2437	8.10	<=30	PASS
		2462	7.23	<=30	PASS
11G	Ant1	2412	6.86	<=30	PASS
		2437	8.41	<=30	PASS
		2462	6.74	<=30	PASS
11N20SISO	Ant1	2412	7.79	<=30	PASS
		2437	7.50	<=30	PASS
		2462	7.54	<=30	PASS

Test Graphs

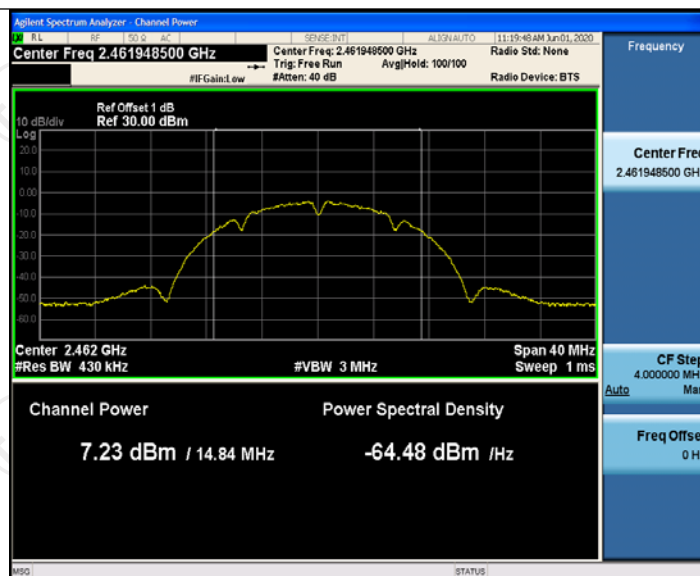
11B_Ant1_2412



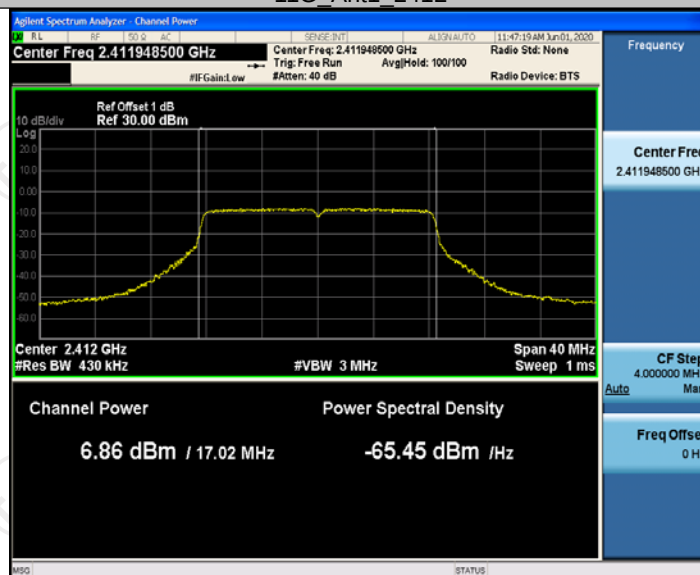
11B_Ant1_2437



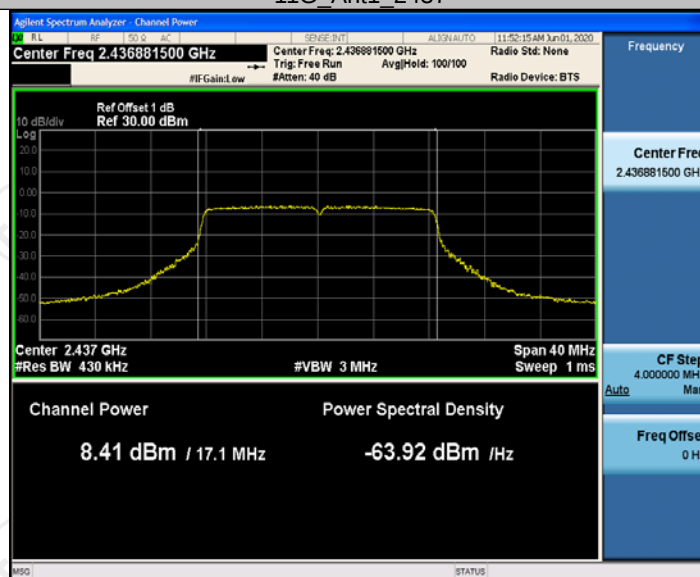
11B_Ant1_2462



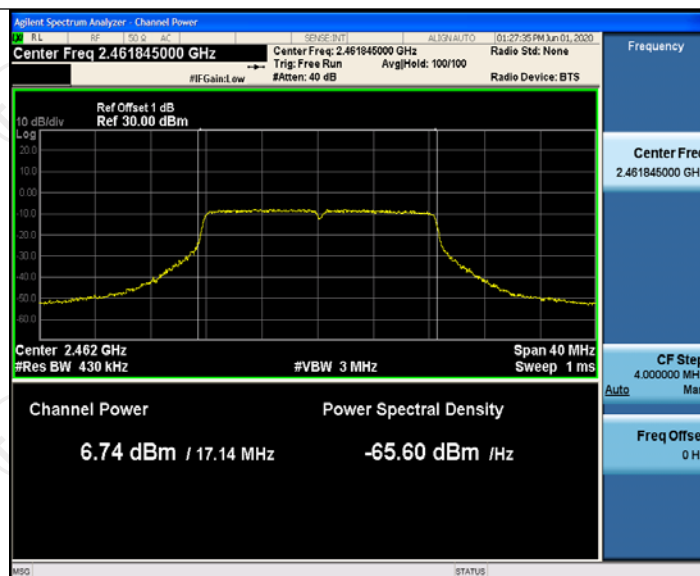
11G_Ant1_2412



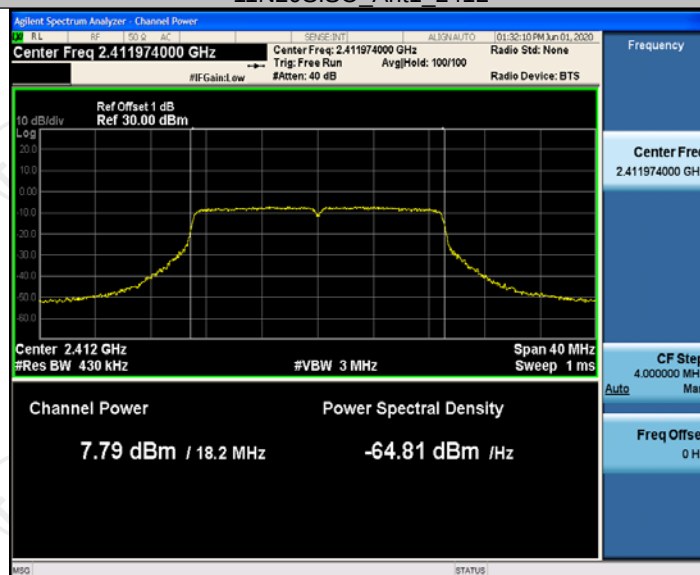
11G_Ant1_2437



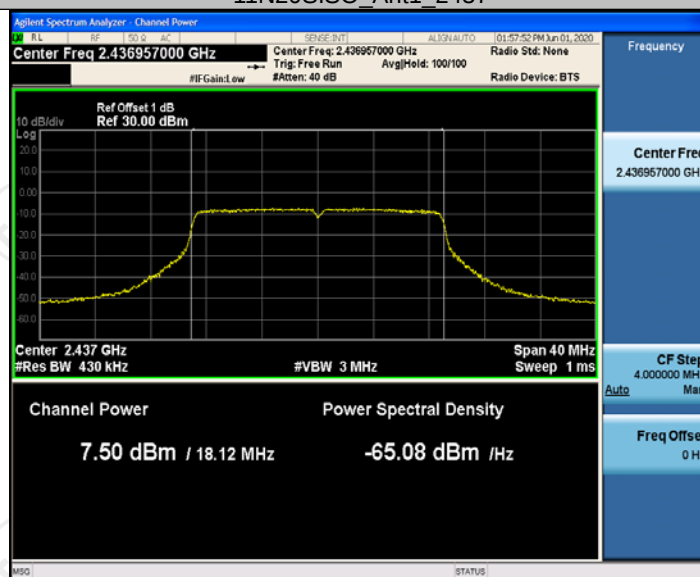
11G_Ant1_2462



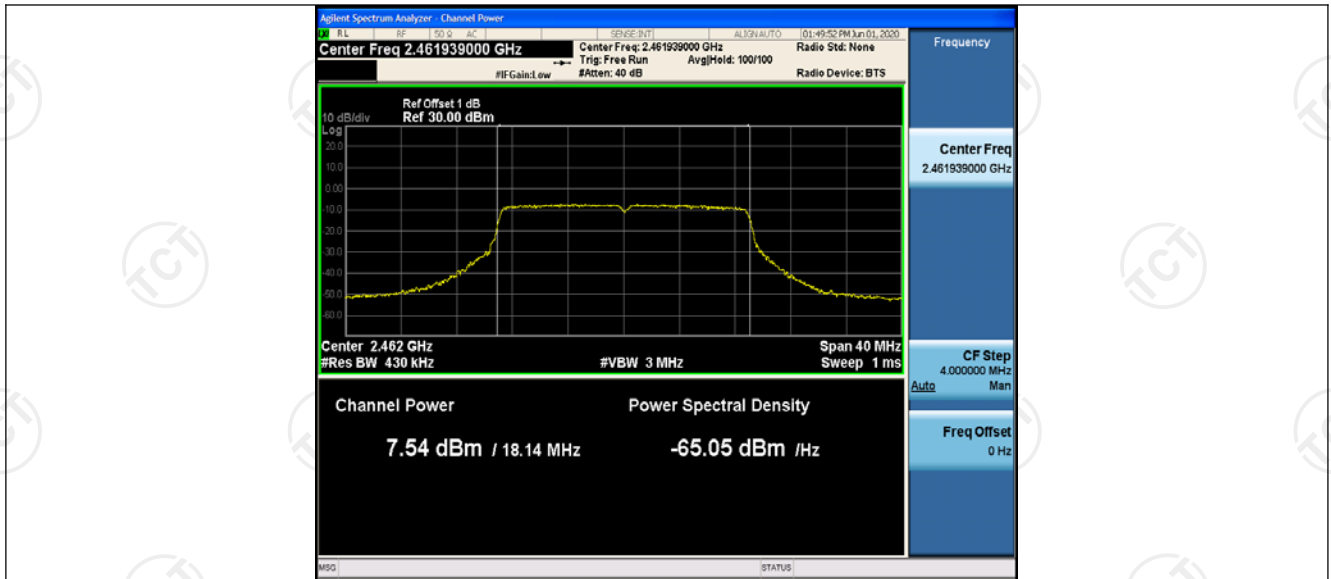
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result [dBm/10-100kHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-18.13	-23.36	<=8	PASS
		2437	-18.69	-23.92	<=8	PASS
		2462	-19.60	-24.83	<=8	PASS
11G	Ant1	2412	-21.97	-27.20	<=8	PASS
		2437	-19.05	-24.28	<=8	PASS
		2462	-22.05	-27.28	<=8	PASS
11N20SISO	Ant1	2412	-20.43	-25.66	<=8	PASS
		2437	-21.43	-26.66	<=8	PASS
		2462	-19.63	-24.86	<=8	PASS

Test Graphs

11B_Ant1_2412



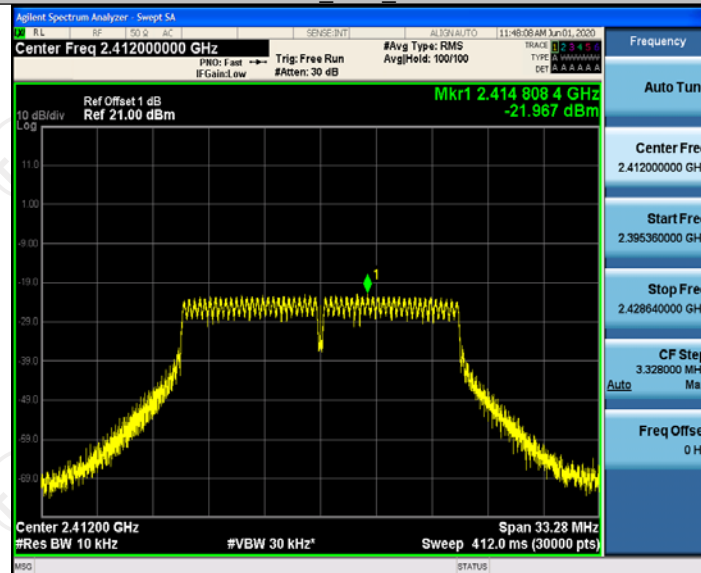
11B_Ant1_2437



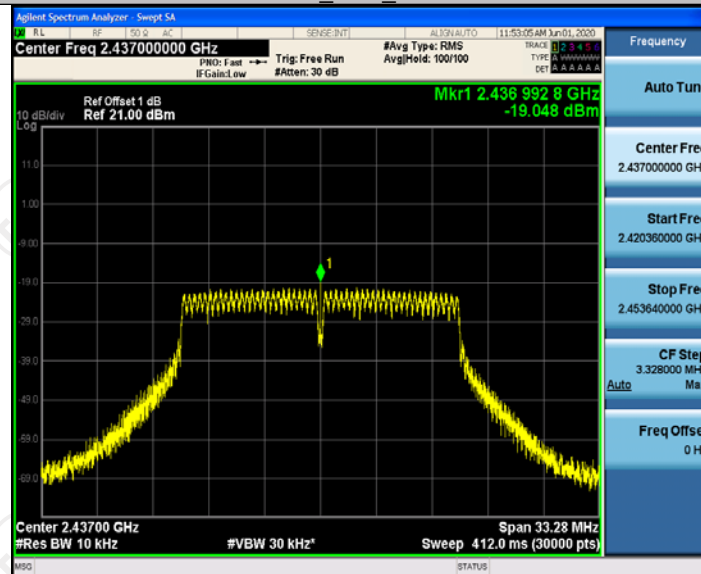
11B_Ant1_2462



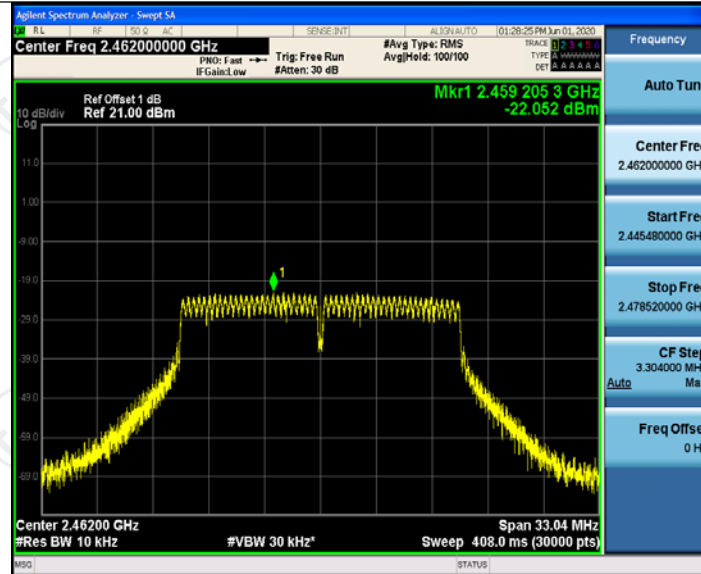
11G_Ant1_2412



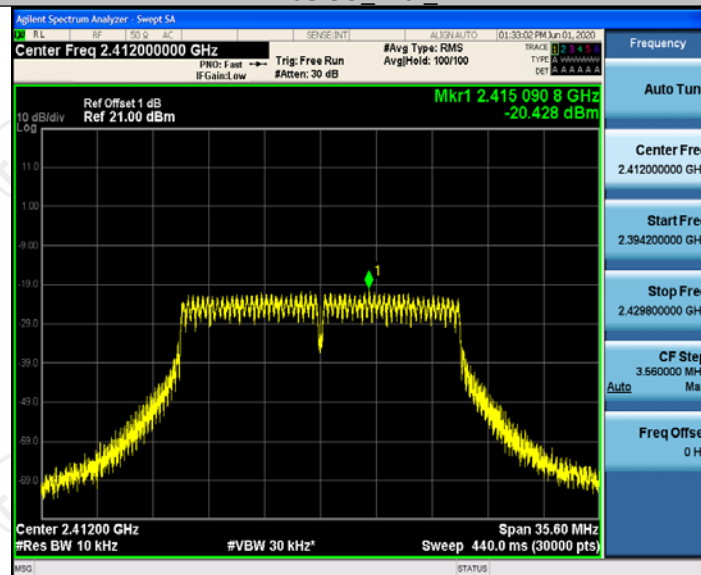
11G_Ant1_2437



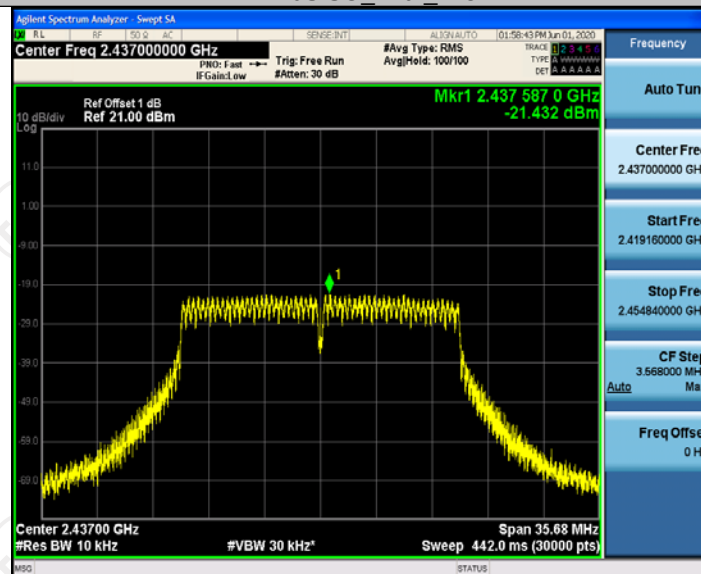
11G_Ant1_2462



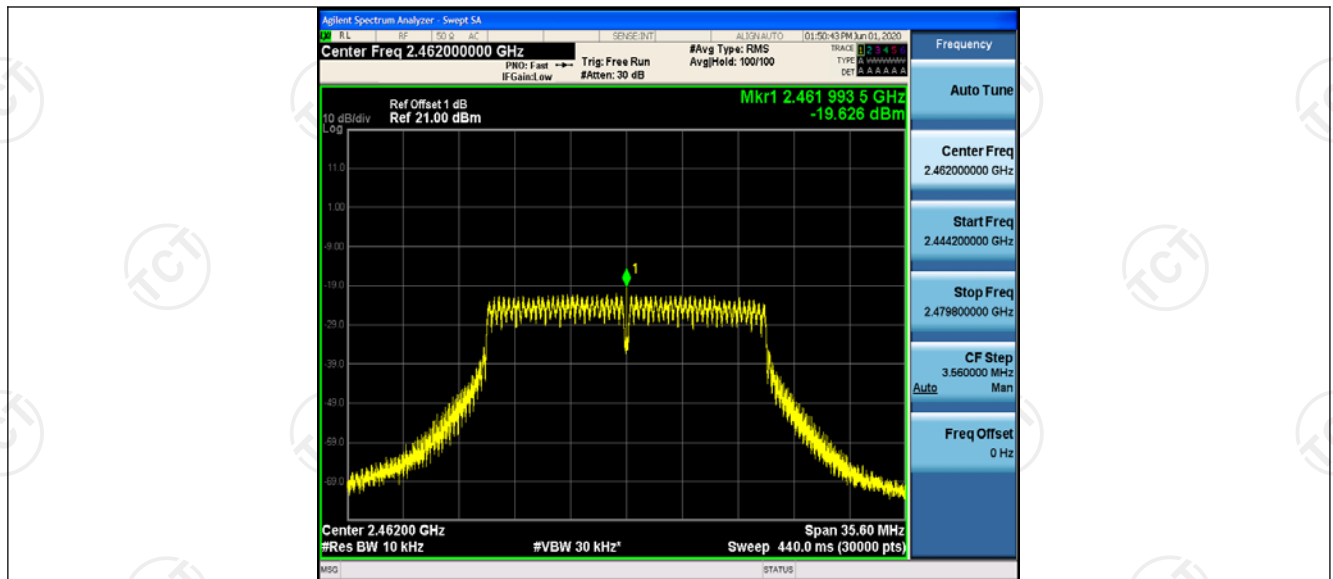
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

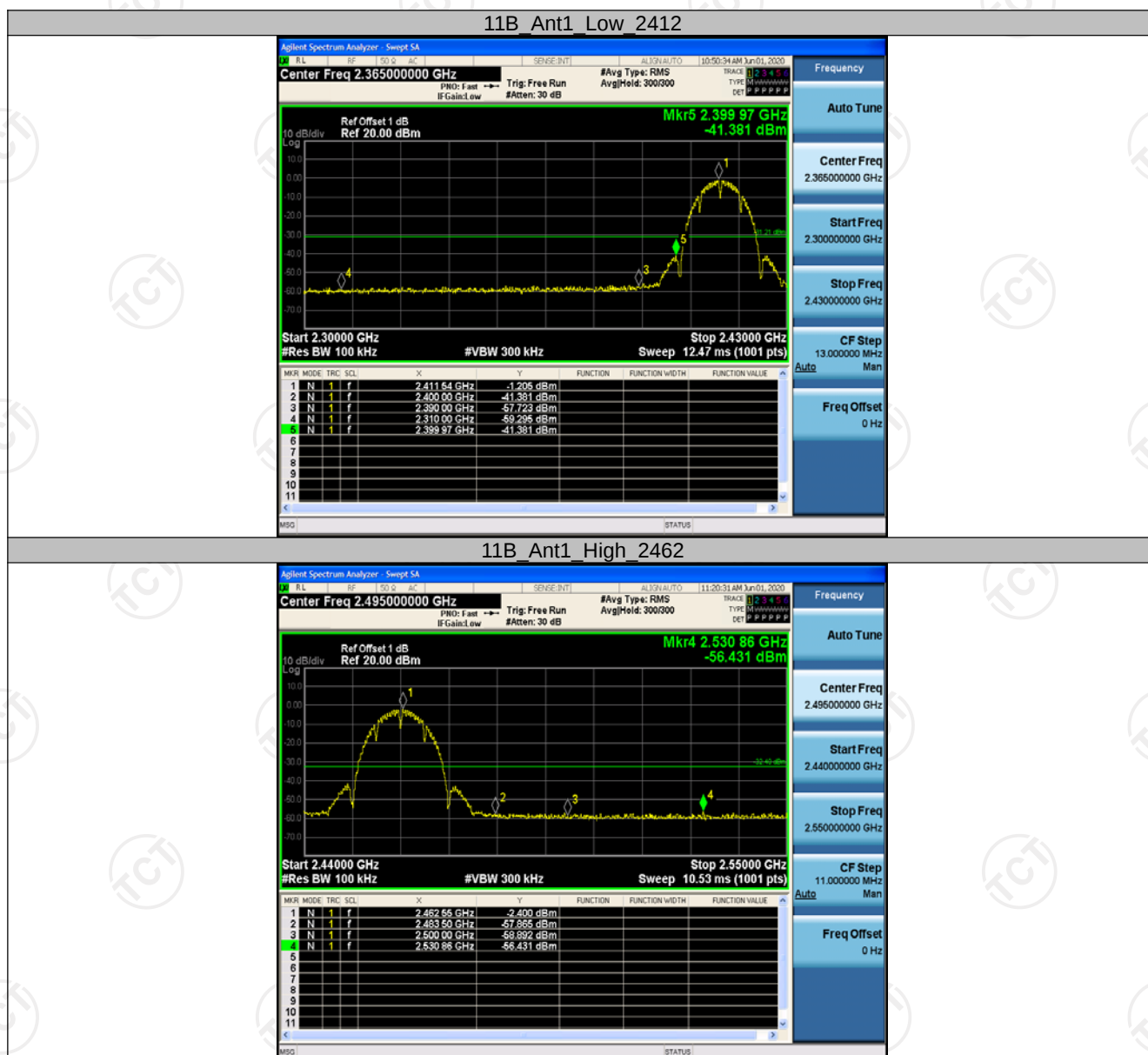


Band edge measurements

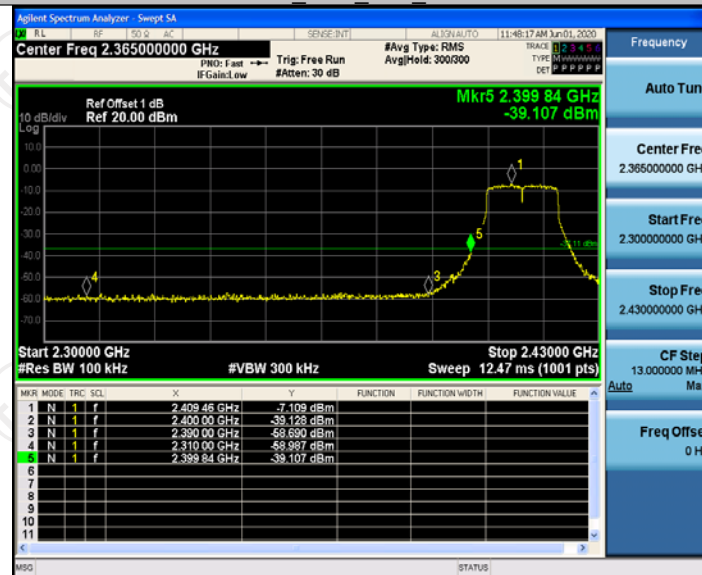
Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	-1.21	-41.38	<=-31.21	PASS
		High	2462	-2.40	-56.43	<=-32.40	PASS
11G	Ant1	Low	2412	-7.11	-39.11	<=-37.11	PASS
		High	2462	-7.22	-56.80	<=-37.22	PASS
11N20SISO	Ant1	Low	2412	-5.81	-37.77	<=-35.81	PASS
		High	2462	-6.17	-54.94	<=-36.17	PASS

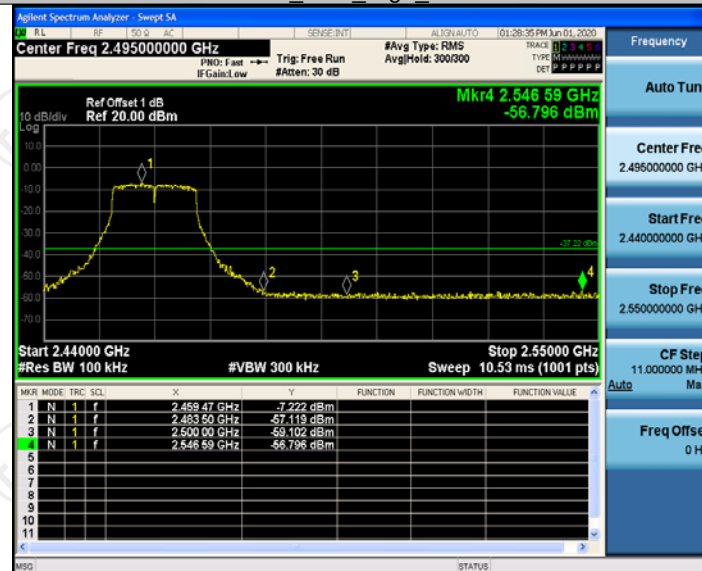
Test Graphs



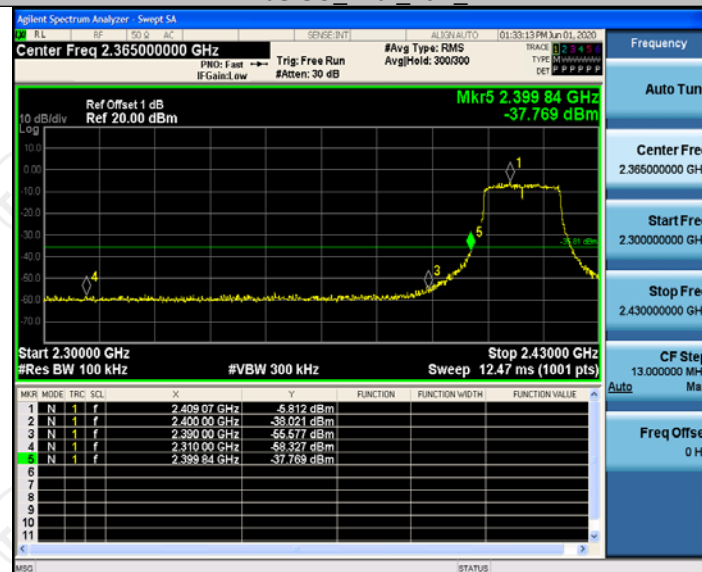
11G_Ant1_Low_2412



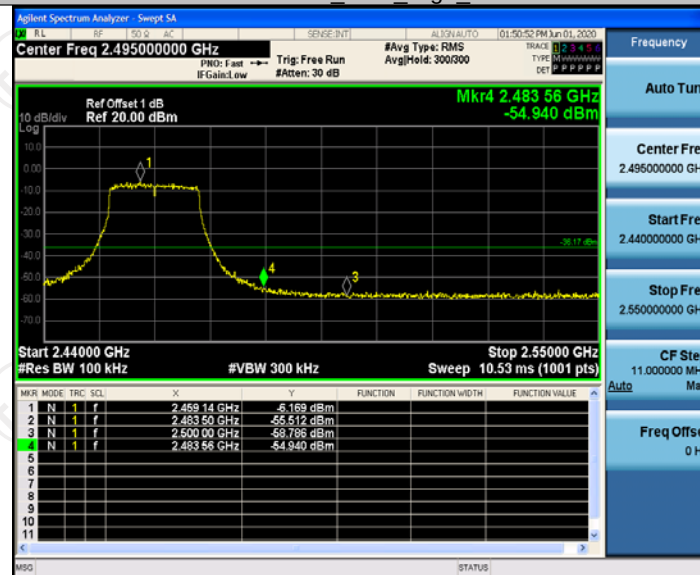
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462

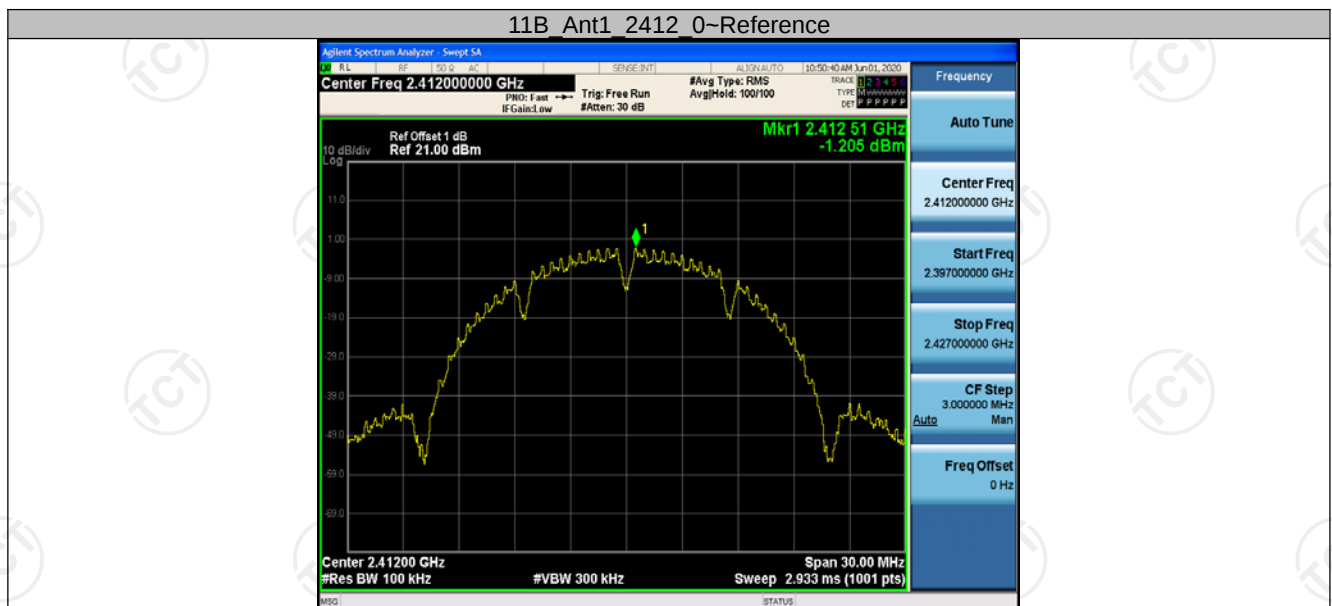


Conducted Spurious Emission

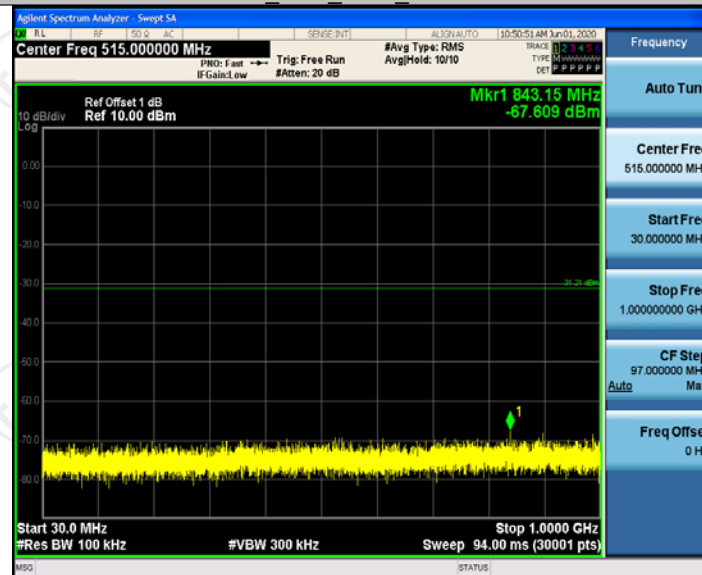
Test Result

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-1.21	-1.21	---	PASS
			30~1000	30~1000	-67.609	<=-31.205	PASS
			1000~26500	1000~26500	-42.808	<=-31.205	PASS
		2437	Reference	-1.56	-1.56	---	PASS
			30~1000	30~1000	-68.001	<=-31.56	PASS
			1000~26500	1000~26500	-42.108	<=-31.56	PASS
		2462	Reference	-2.40	-2.40	---	PASS
			30~1000	30~1000	-68.853	<=-32.399	PASS
			1000~26500	1000~26500	-42.897	<=-32.399	PASS
11G	Ant1	2412	Reference	-7.38	-7.38	---	PASS
			30~1000	30~1000	-68.004	<=-37.375	PASS
			1000~26500	1000~26500	-42.407	<=-37.375	PASS
		2437	Reference	-5.94	-5.94	---	PASS
			30~1000	30~1000	-68.779	<=-35.94	PASS
			1000~26500	1000~26500	-42.796	<=-35.94	PASS
		2462	Reference	-7.45	-7.45	---	PASS
			30~1000	30~1000	-67.909	<=-37.448	PASS
			1000~26500	1000~26500	-43.351	<=-37.448	PASS
11N20SISO	Ant1	2412	Reference	-6.11	-6.11	---	PASS
			30~1000	30~1000	-68.226	<=-36.107	PASS
			1000~26500	1000~26500	-43.163	<=-36.107	PASS
		2437	Reference	-6.75	-6.75	---	PASS
			30~1000	30~1000	-68.059	<=-36.748	PASS
			1000~26500	1000~26500	-42.444	<=-36.748	PASS
		2462	Reference	-6.05	-6.05	---	PASS
			30~1000	30~1000	-68.4	<=-36.052	PASS
			1000~26500	1000~26500	-41.566	<=-36.052	PASS

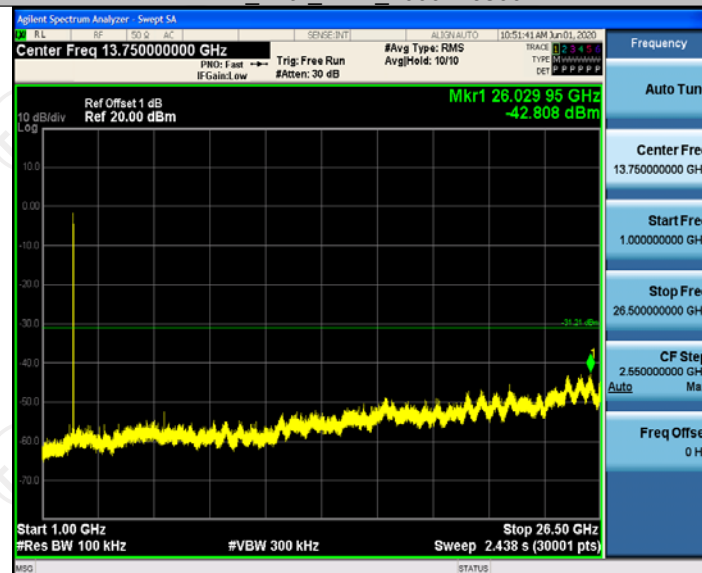
Test Graphs



11B_Ant1_2412_30~1000



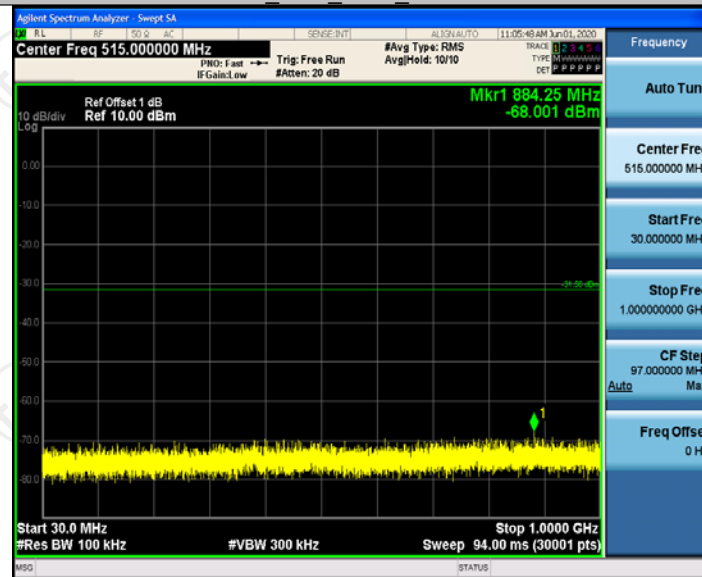
11B_Ant1_2412_1000~26500



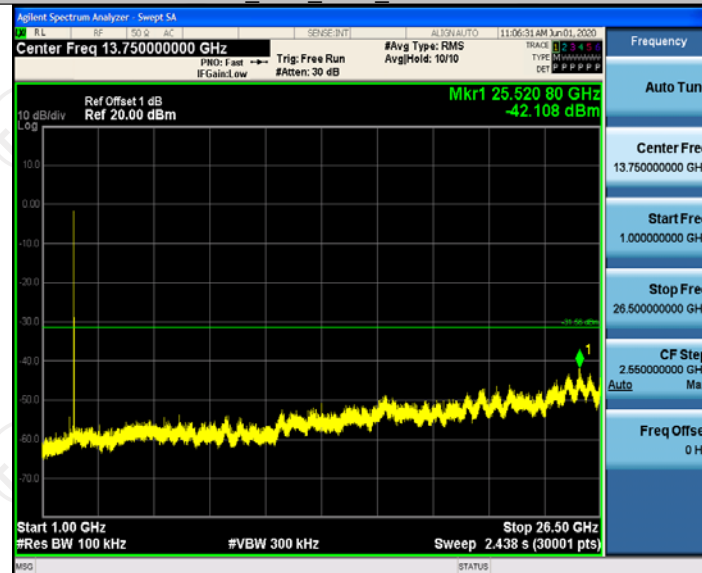
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



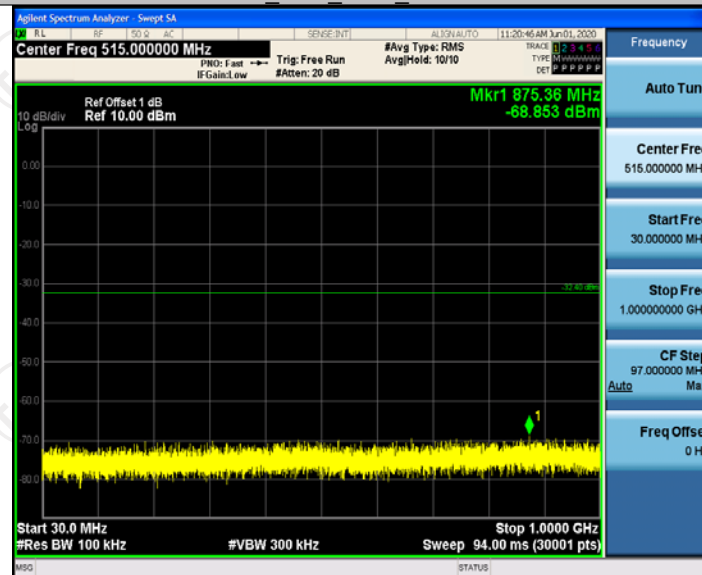
11B_Ant1_2437_1000~26500



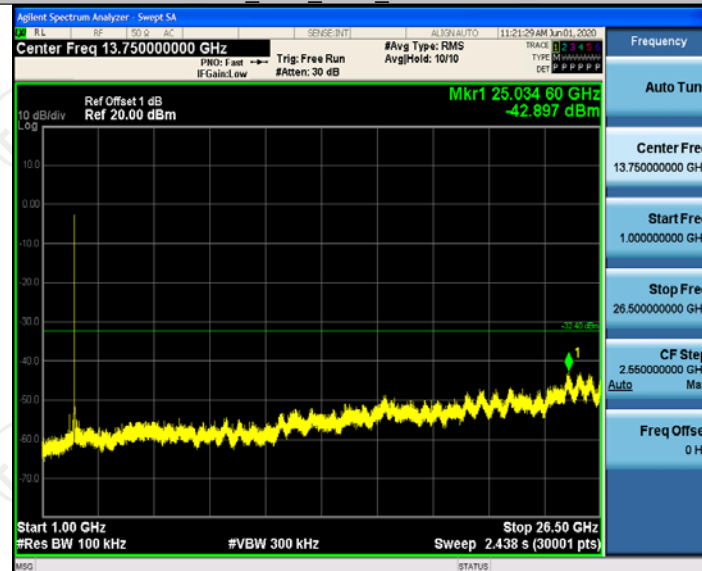
11B_Ant1_2462_0-Reference



11B_Ant1_2462_30~1000



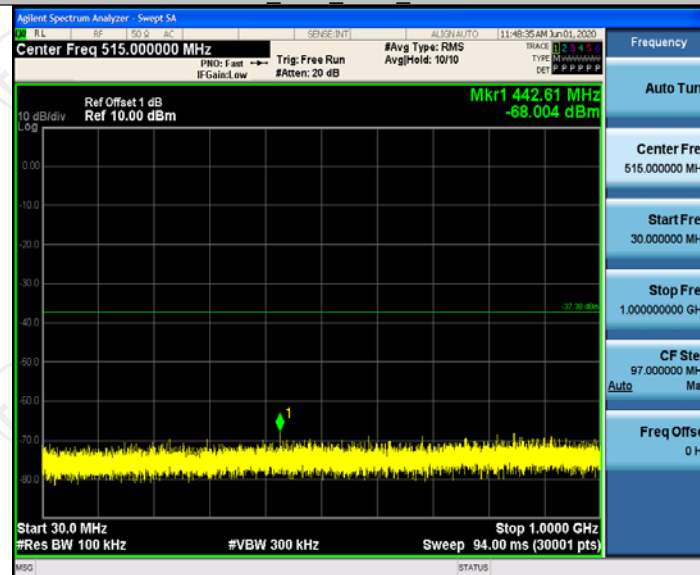
11B_Ant1_2462_1000~26500



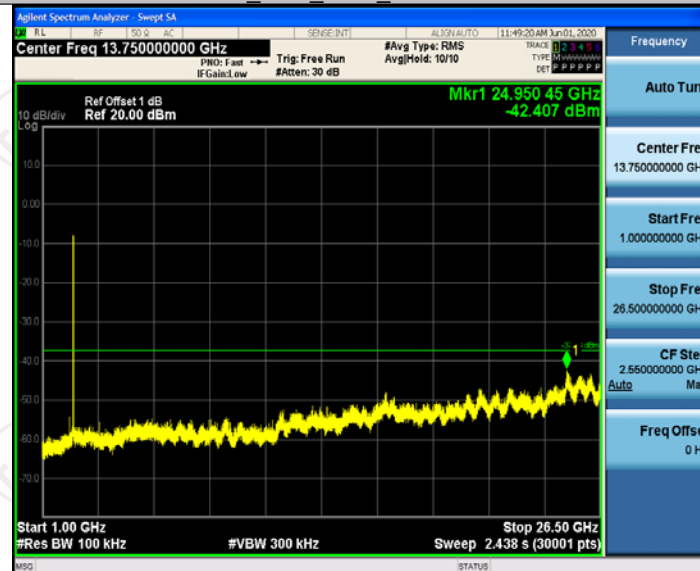
11G_Ant1_2412_0-Reference



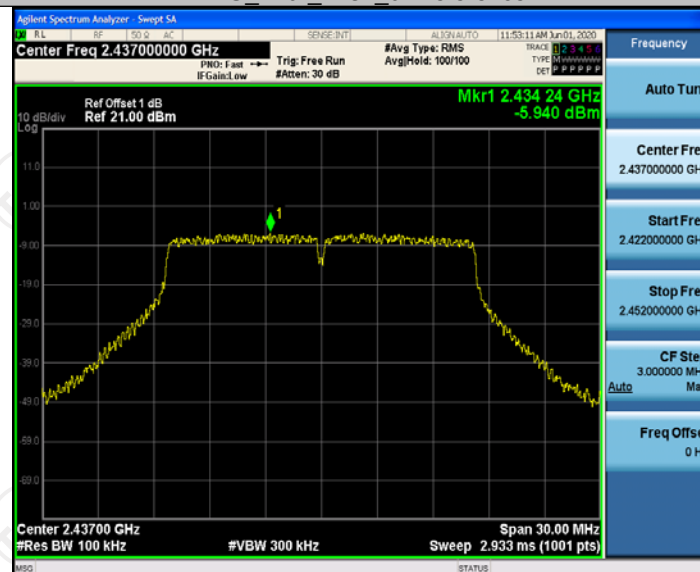
11G_Ant1_2412_30~1000



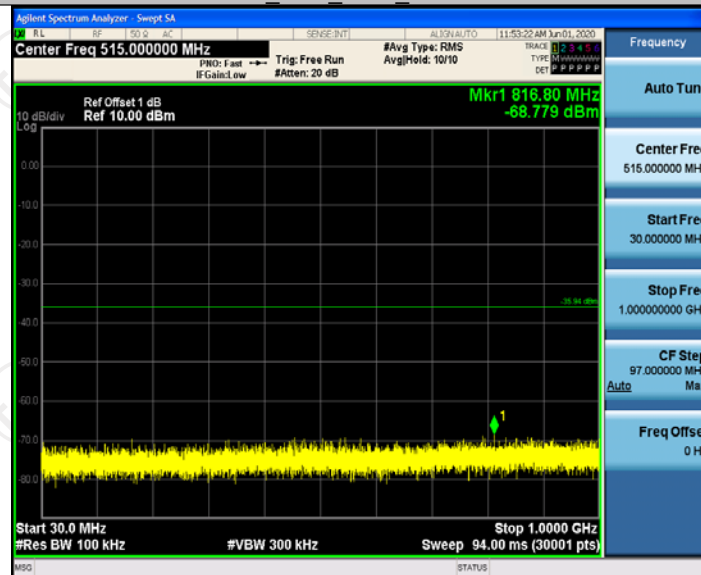
11G_Ant1_2412_1000~26500



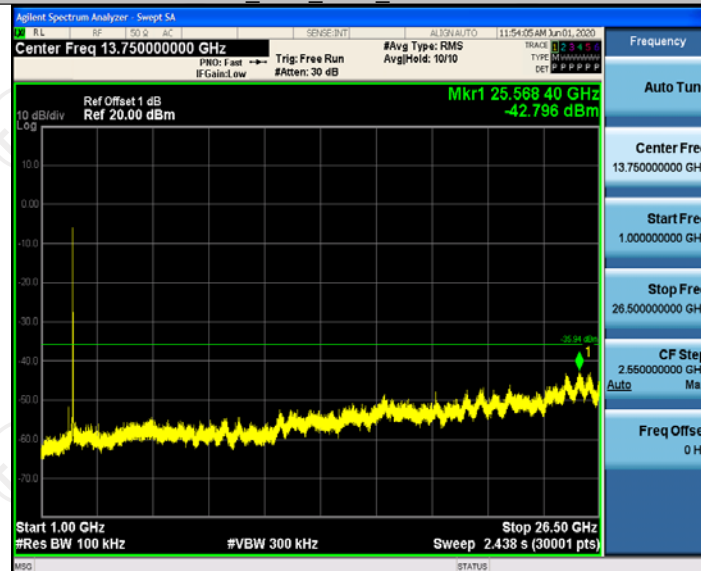
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



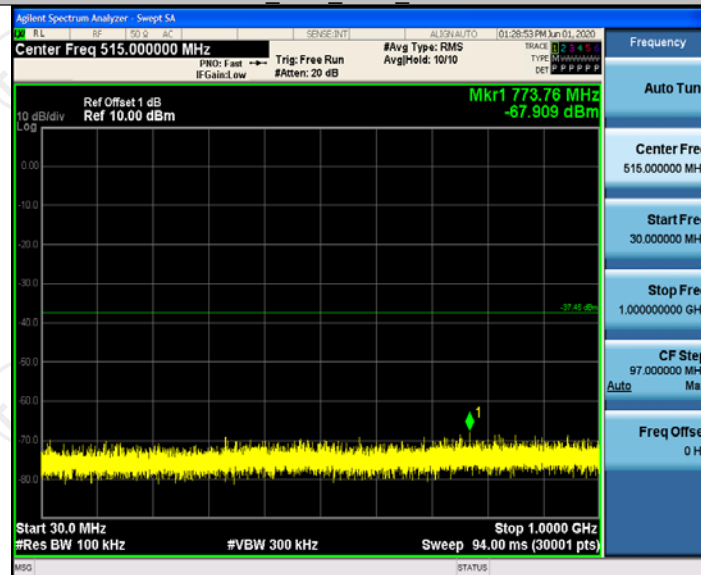
11G_Ant1_2437_1000~26500



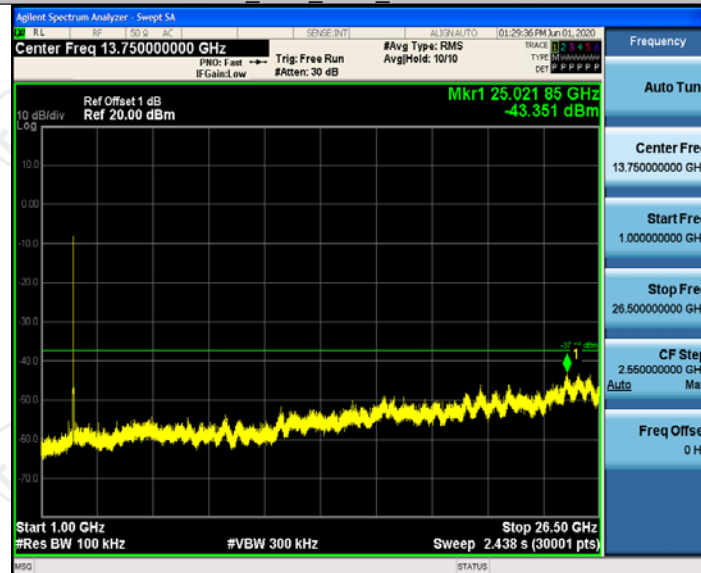
11G_Ant1_2462_0-Reference



11G_Ant1_2462_30~1000



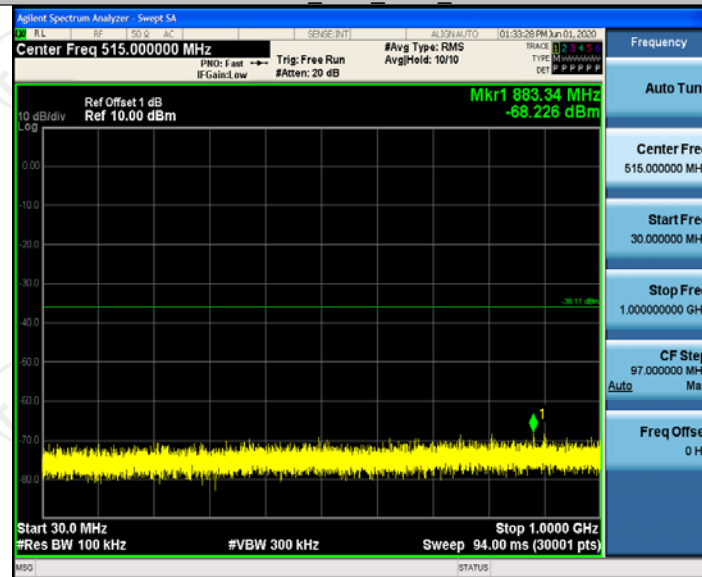
11G_Ant1_2462_1000~26500



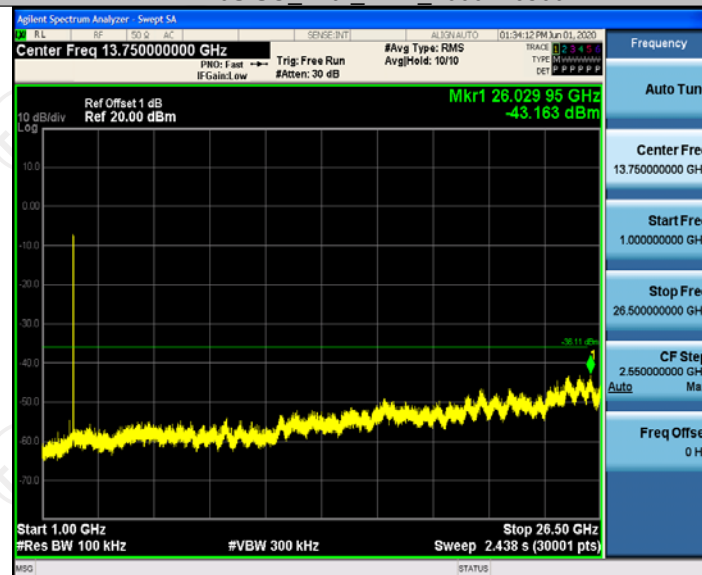
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30-1000



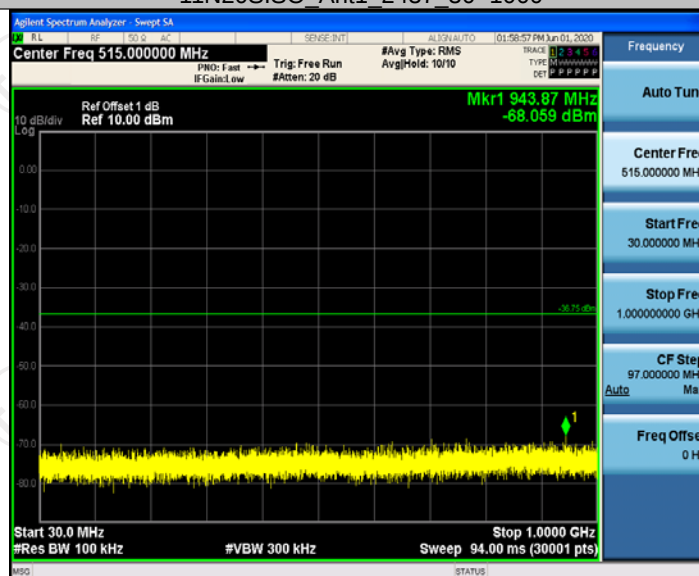
11N20SISO_Ant1_2412_1000-26500



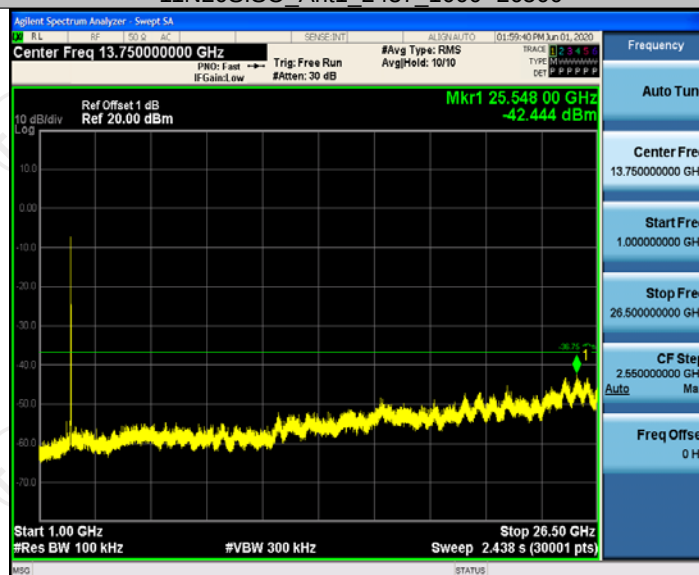
11N20SISO_Ant1_2437_0-Reference



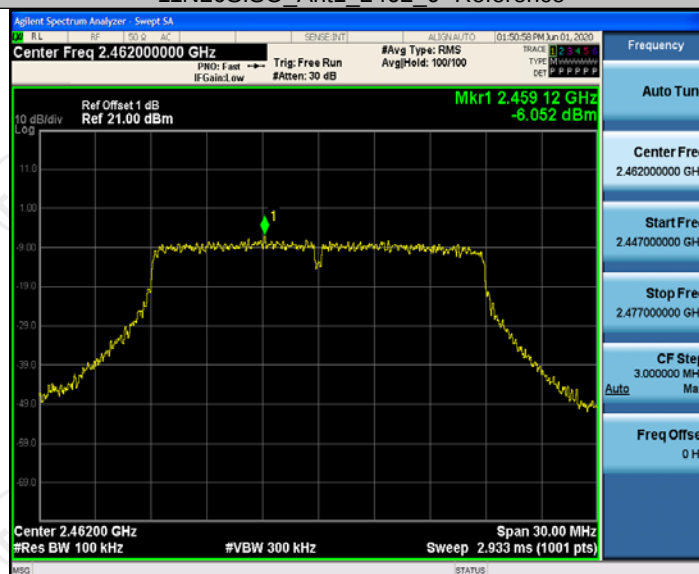
11N20SISO_Ant1_2437_30~1000



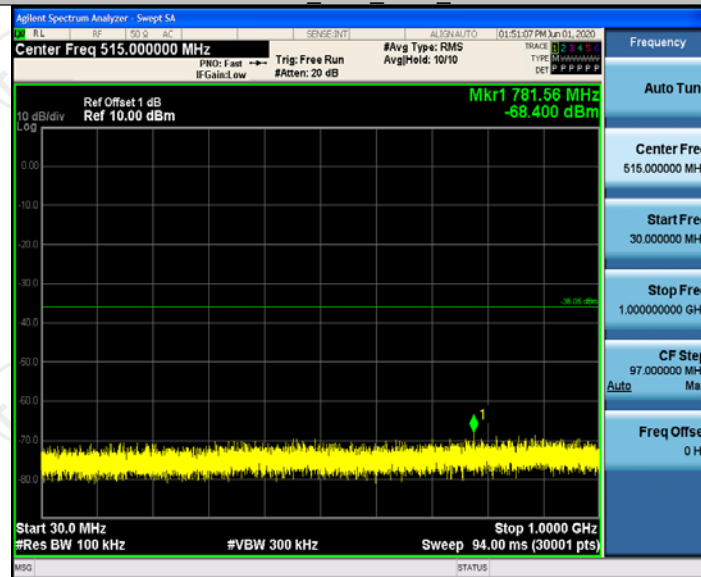
11N20SISO_Ant1_2437_1000~26500



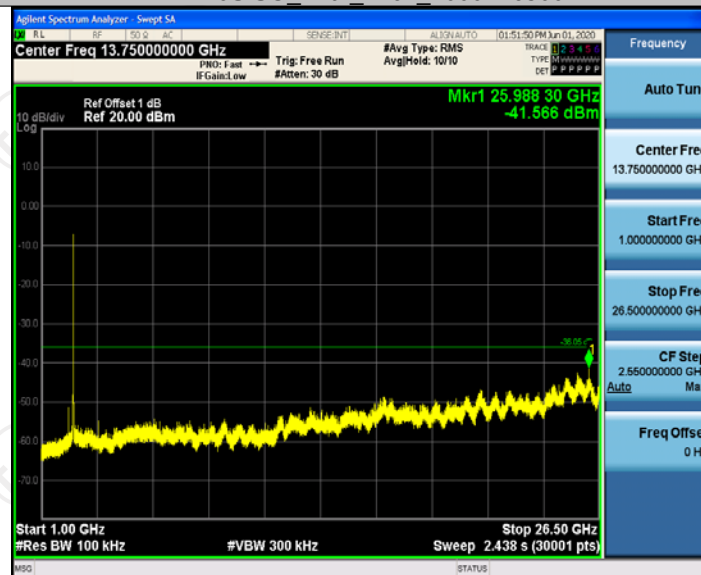
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



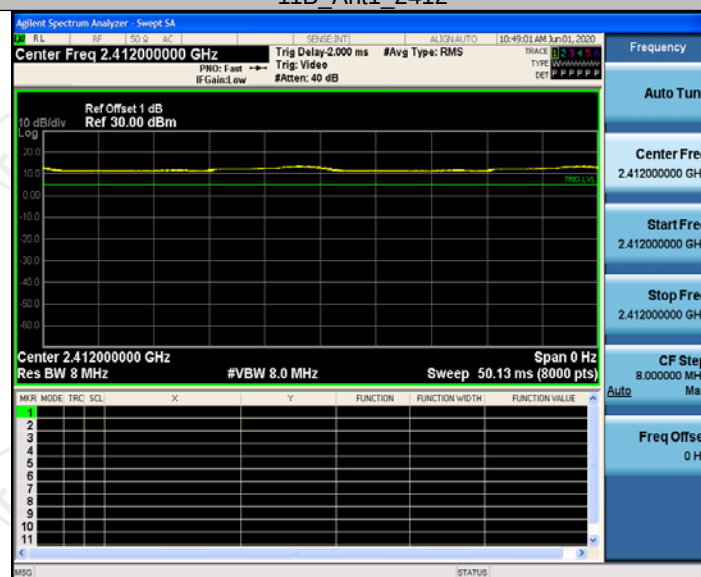
Duty Cycle

Test Result

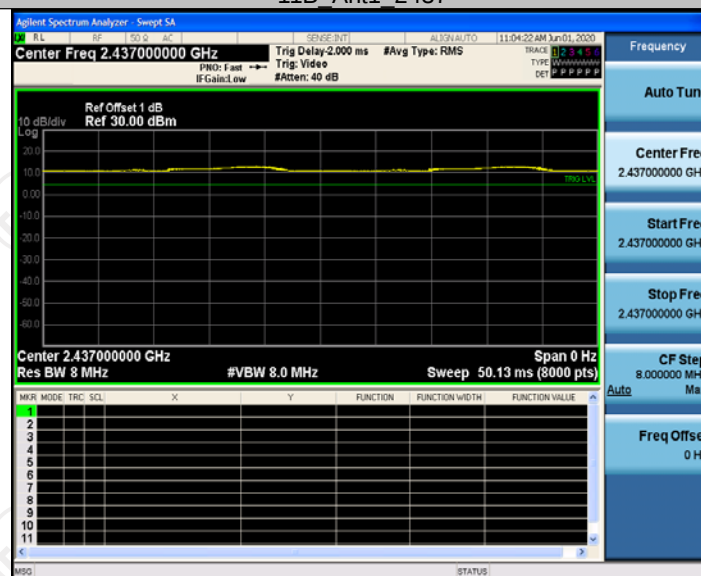
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11G	Ant1	2412	50.00	50.00	100.00	---	PASS
		2437	50.00	50.00	100.00	---	PASS
		2462	50.00	50.00	100.00	---	PASS
11N20SISO	Ant1	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

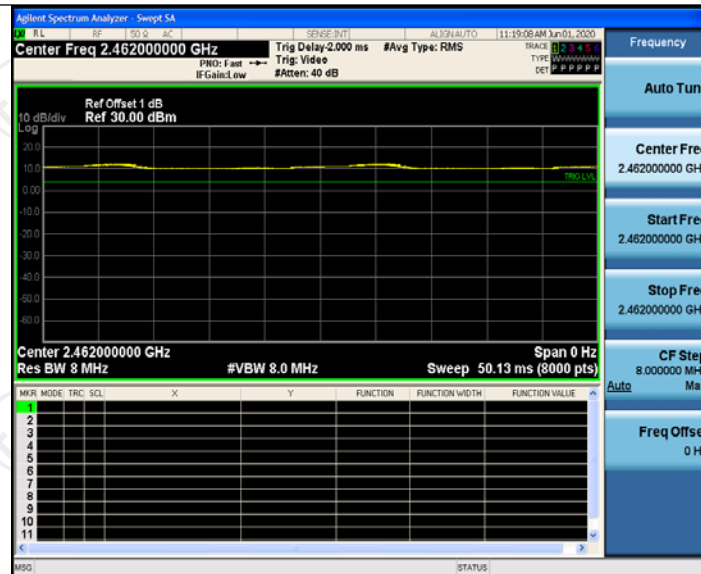
11B_Ant1_2412



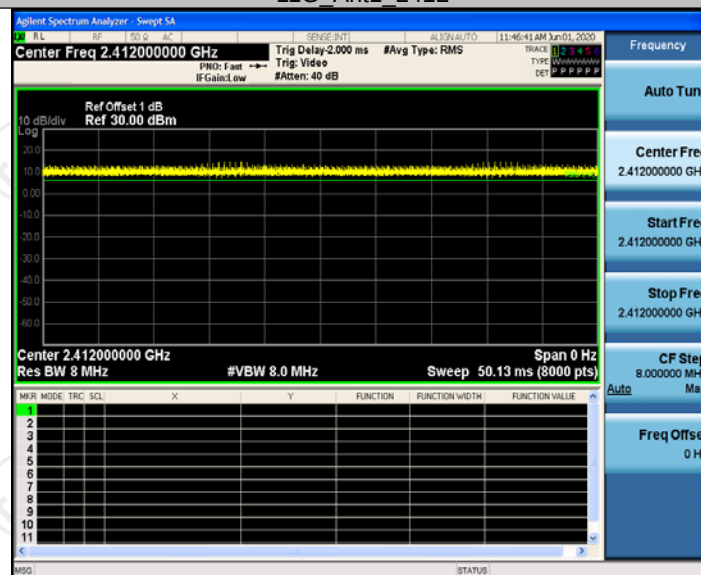
11B_Ant1_2437



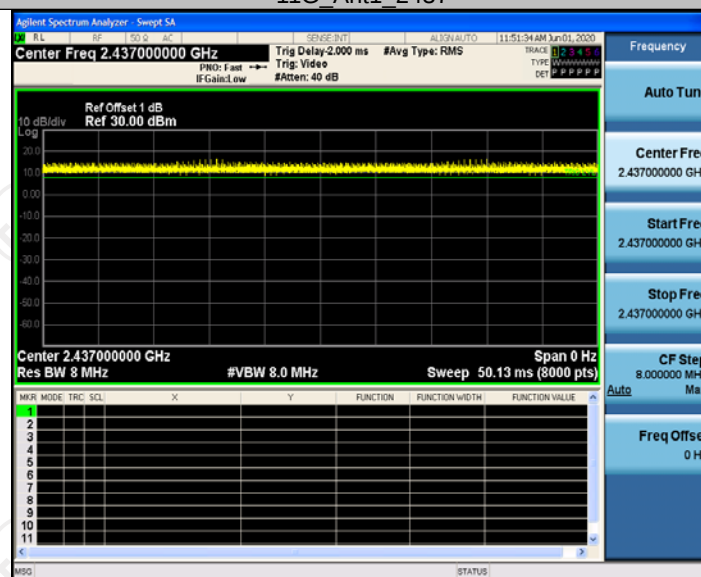
11B_Ant1_2462



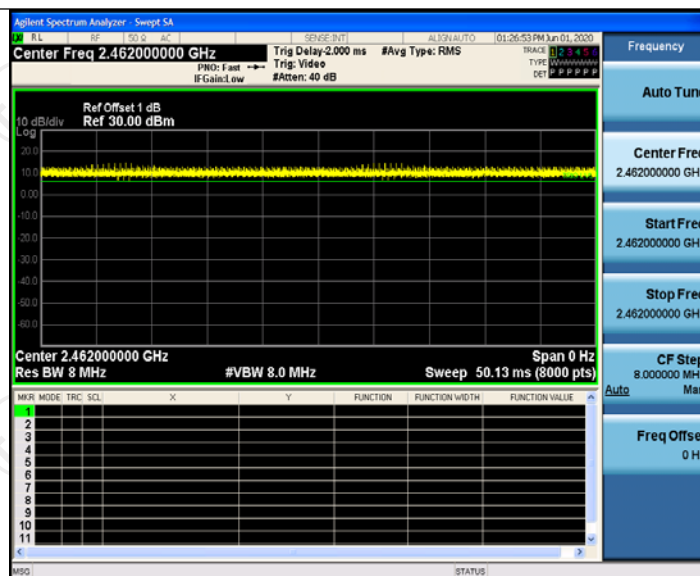
11G_Ant1_2412



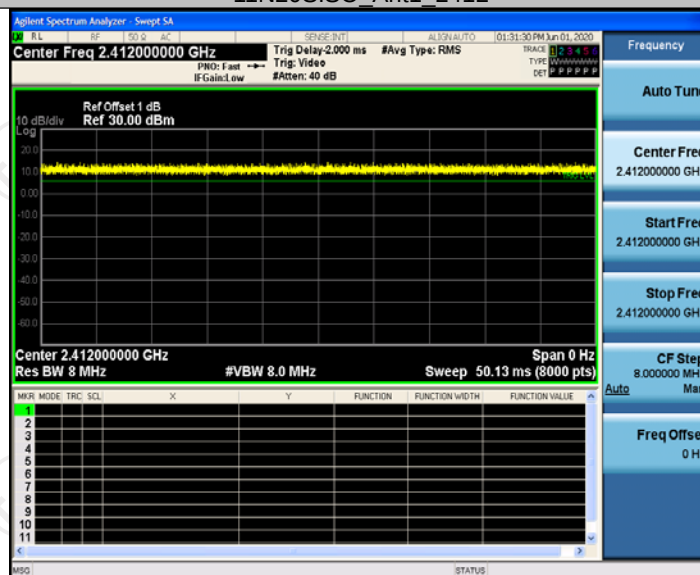
11G_Ant1_2437



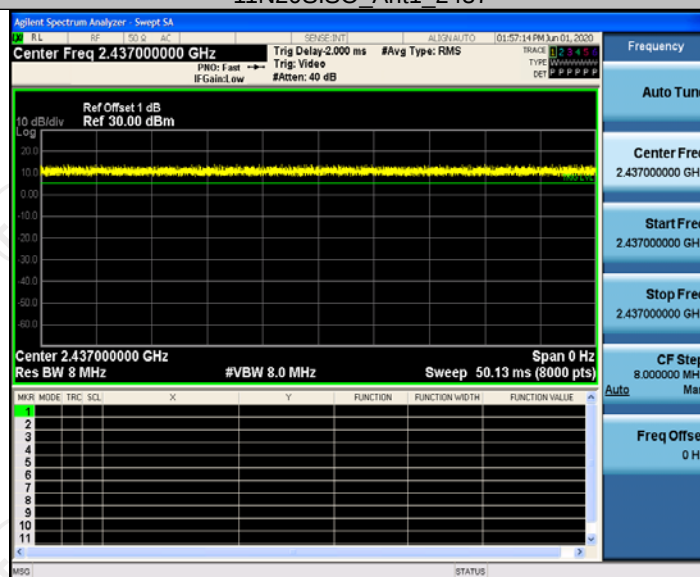
11G_Ant1_2462



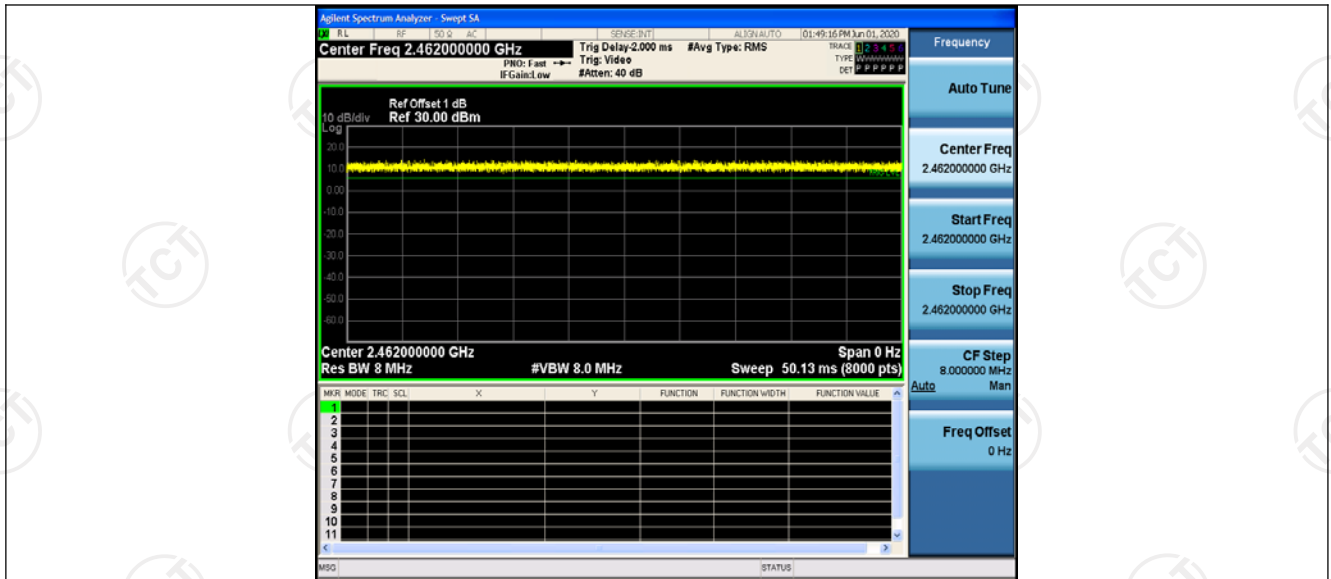
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



Appendix B: Photographs of Test Setup

Refer to the test report No. TCT200506E036

Appendix C: Photographs of EUT

Refer to the test report No. TCT200506E036

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