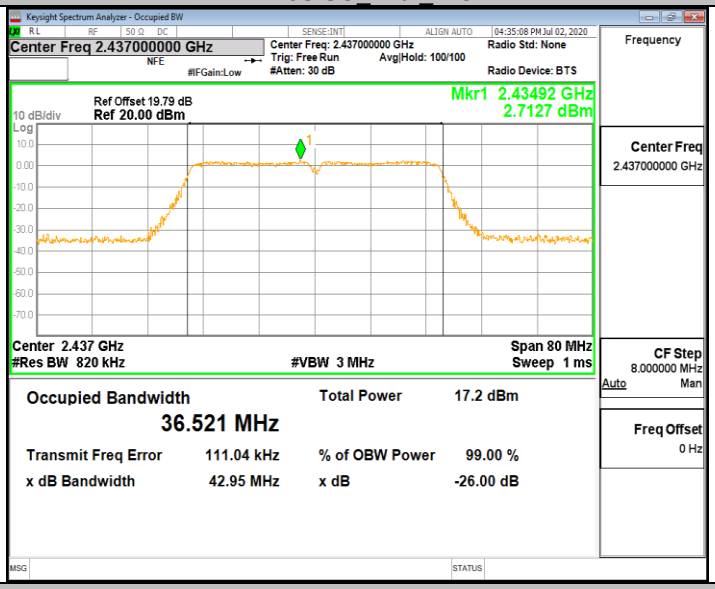
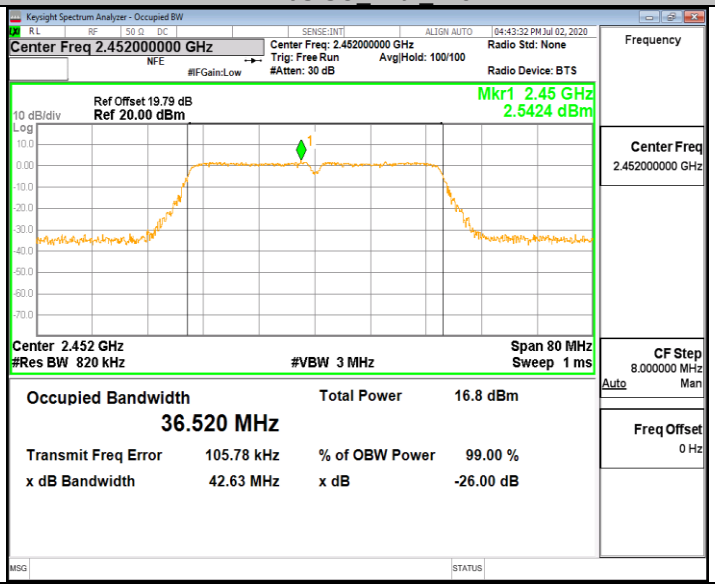
11N40SISO_Ant1_2437

11N40SISO_Ant1_2452


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.3. Appendix C: Maximum AVG conducted output power

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	11.58	<=30	PASS
		2437	11.13	<=30	PASS
		2462	11.96	<=30	PASS
11G	Ant1	2412	12.03	<=30	PASS
		2437	11.64	<=30	PASS
		2462	11.18	<=30	PASS
11N20SISO	Ant1	2412	10.97	<=30	PASS
		2437	10.60	<=30	PASS
		2462	9.63	<=30	PASS
11N40SISO	Ant1	2422	11.24	<=30	PASS
		2437	10.34	<=30	PASS
		2452	9.94	<=30	PASS

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.4. Appendix D: Maximum power spectral density

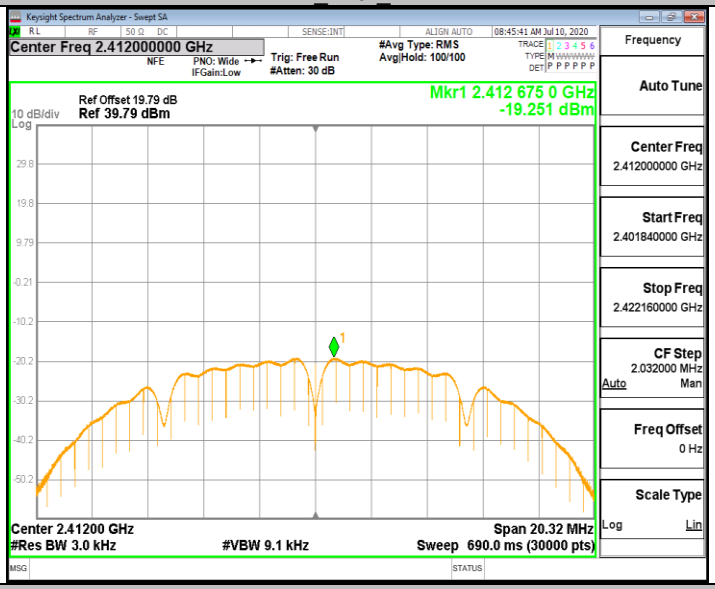
11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-19.25	<=8	PASS
		2437	-19.72	<=8	PASS
		2462	-18.86	<=8	PASS
11G	Ant1	2412	-17.26	<=8	PASS
		2437	-17.62	<=8	PASS
		2462	-17.66	<=8	PASS
11N20SISO	Ant1	2412	-16.36	<=8	PASS
		2437	-17.47	<=8	PASS
		2462	-17.84	<=8	PASS
11N40SISO	Ant1	2422	-18.75	<=8	PASS
		2437	-18.6	<=8	PASS
		2452	-19.12	<=8	PASS

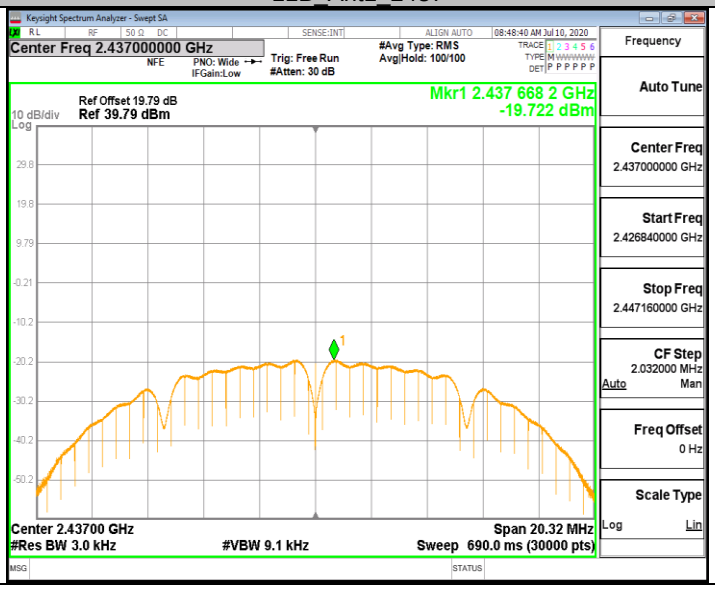
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.4.2. Test Graphs

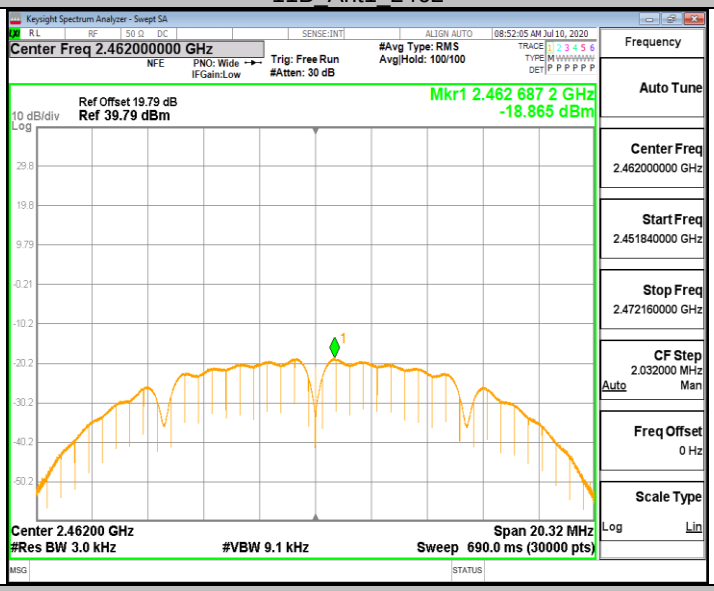
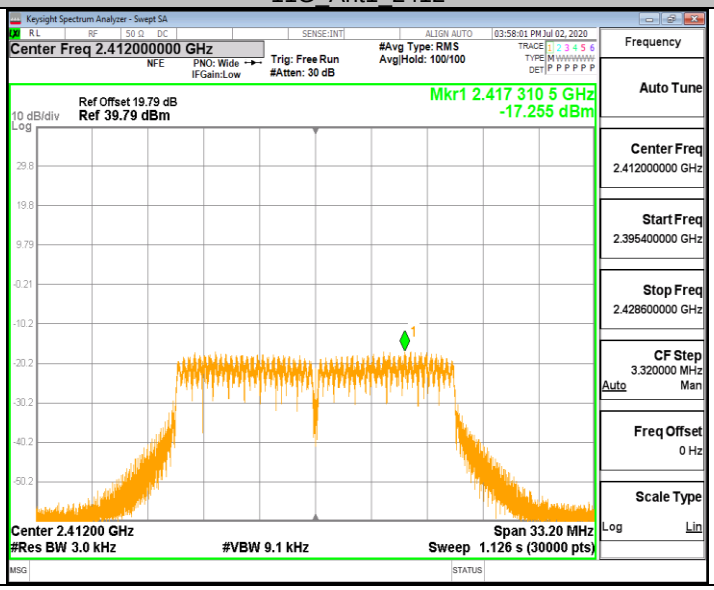
11B_Ant1_2412



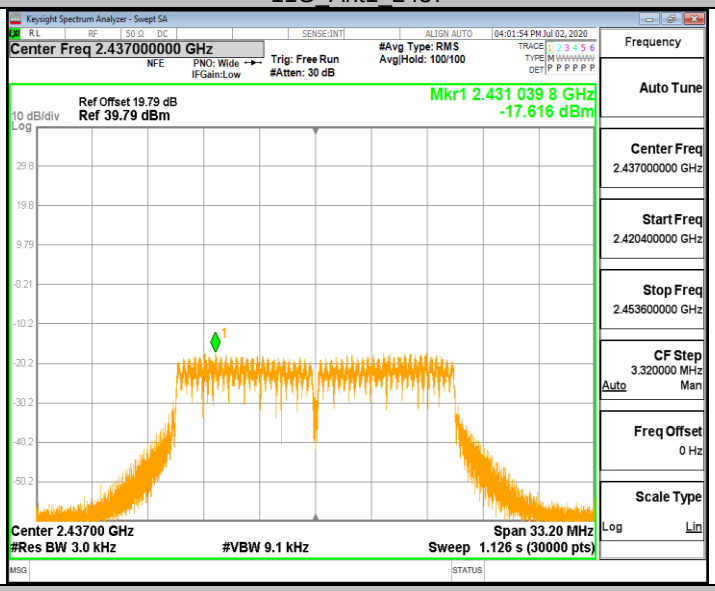
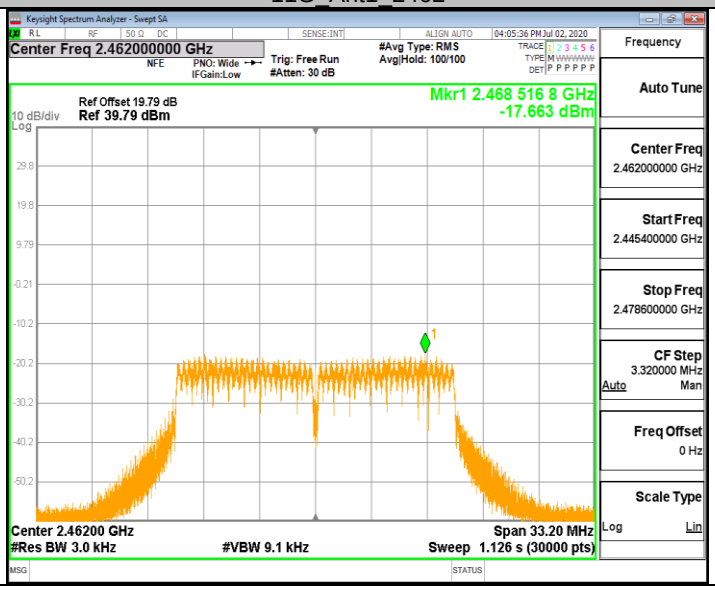
11B_Ant1_2437



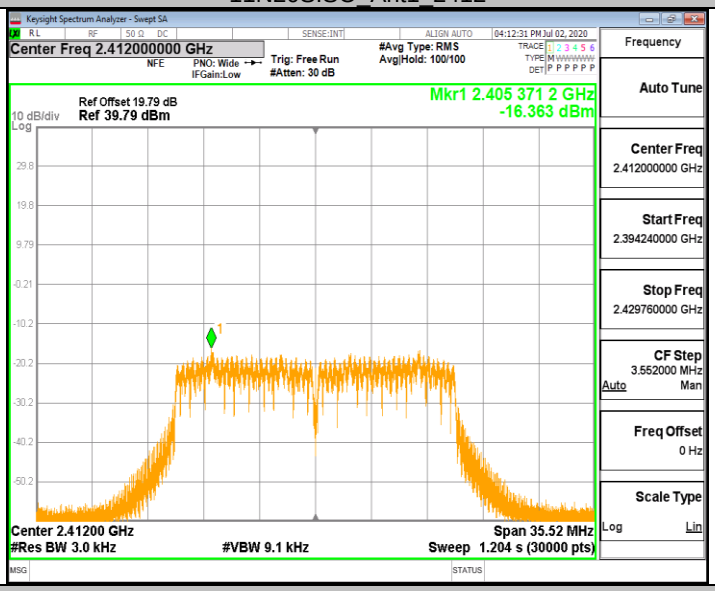
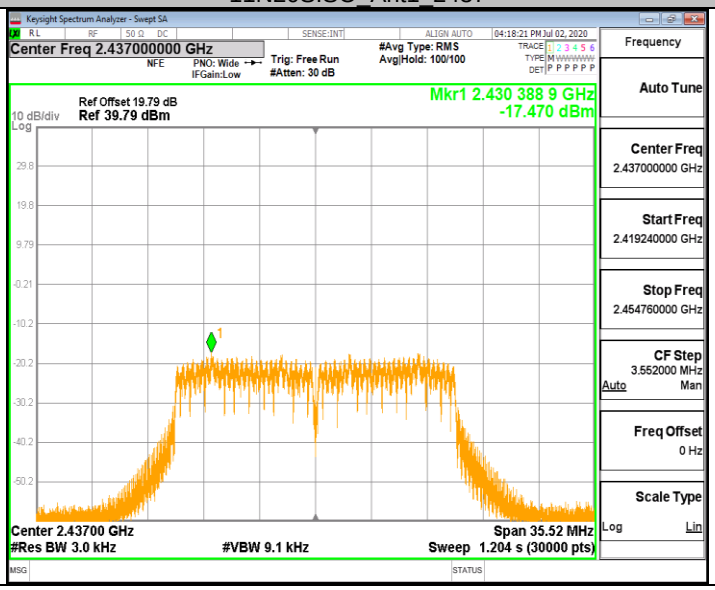
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2462

11G_Ant1_2412


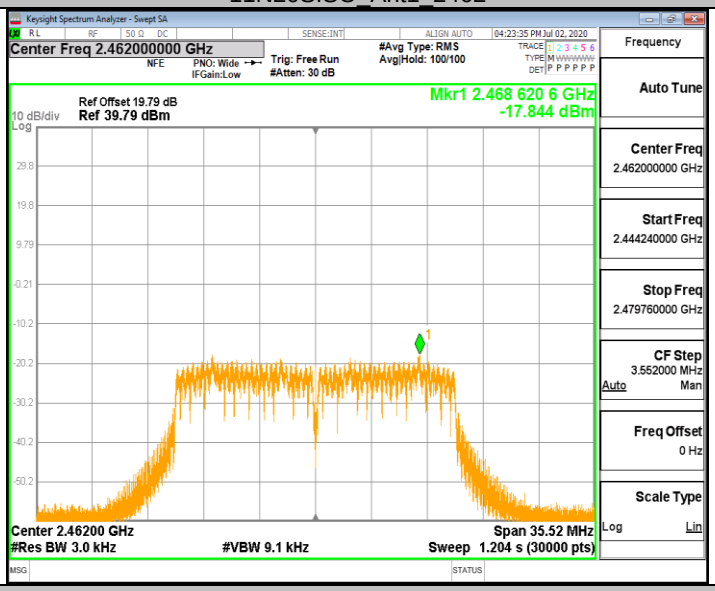
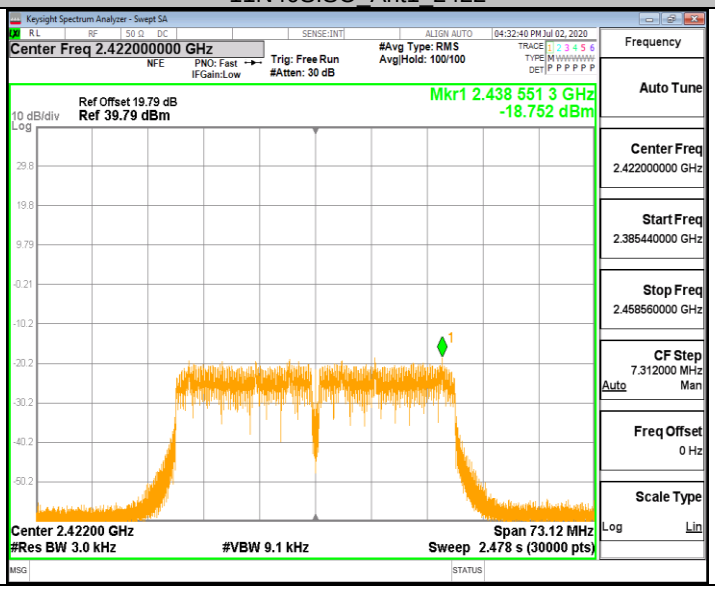
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2437

11G_Ant1_2462


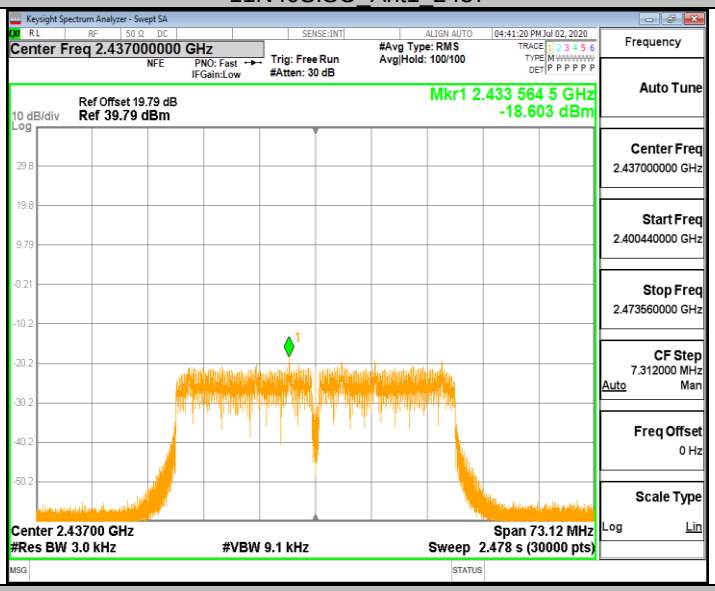
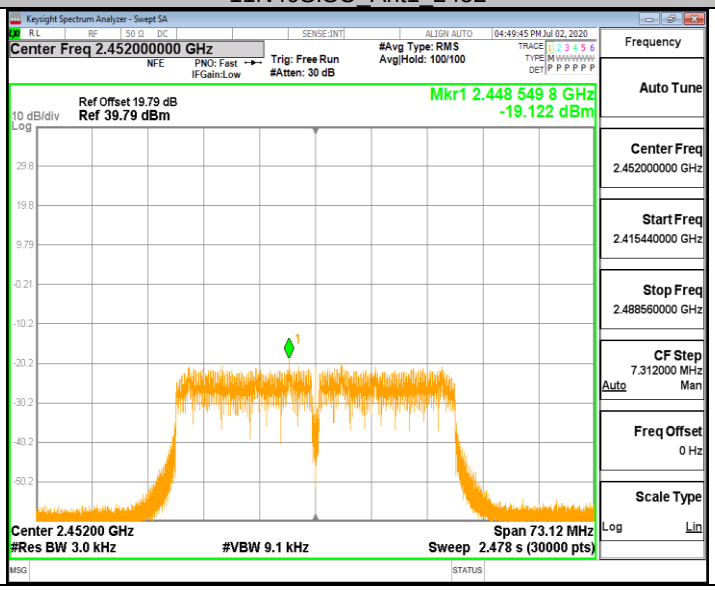
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2412

11N20SISO_Ant1_2437


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2462

11N40SISO_Ant1_2422


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2437

11N40SISO_Ant1_2452


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.5. Appendix E: Band edge measurements

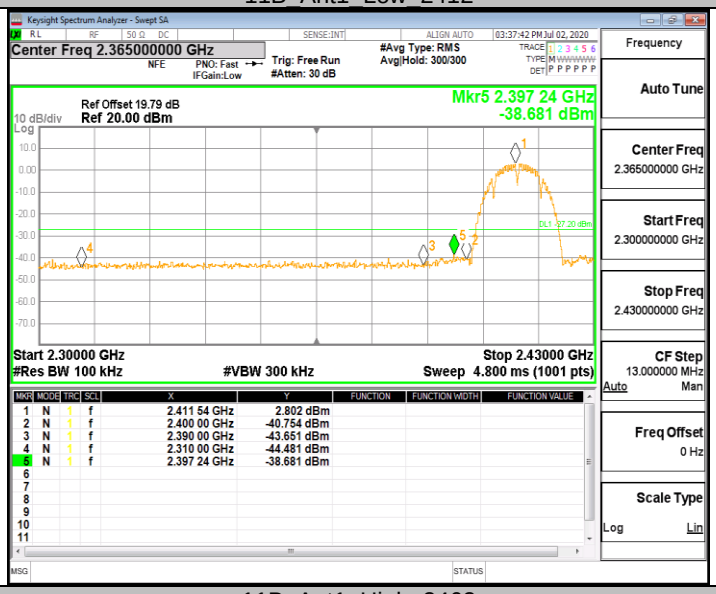
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.80	-38.68	<=-27.2	PASS
		High	2462	1.92	-40.67	<=-28.08	PASS
11G	Ant1	Low	2412	-2.83	-39.01	<=-32.83	PASS
		High	2462	-3.45	-40.23	<=-33.45	PASS
11N20SISO	Ant1	Low	2412	-2.86	-37.28	<=-32.86	PASS
		High	2462	-4.27	-40.35	<=-34.27	PASS
11N40SISO	Ant1	Low	2422	-6.21	-38.28	<=-36.21	PASS
		High	2452	-7.53	-40.27	<=-37.53	PASS

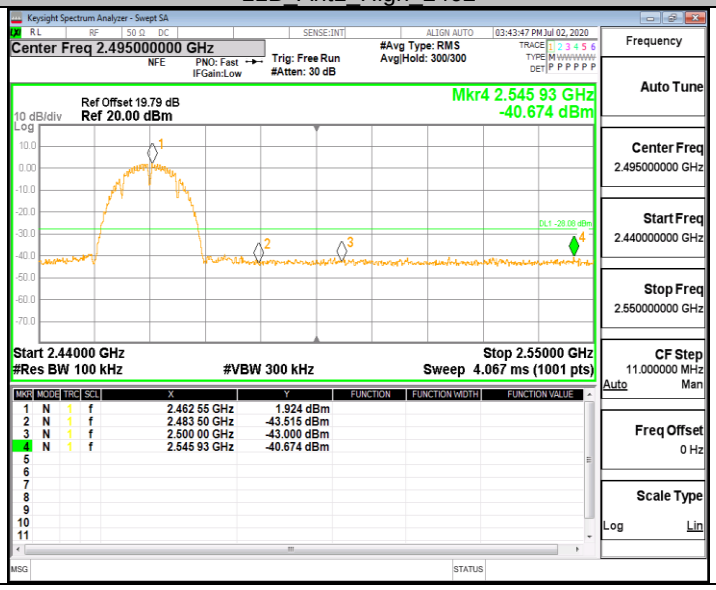
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.5.2. Test Graphs

11B_Ant1_Low_2412

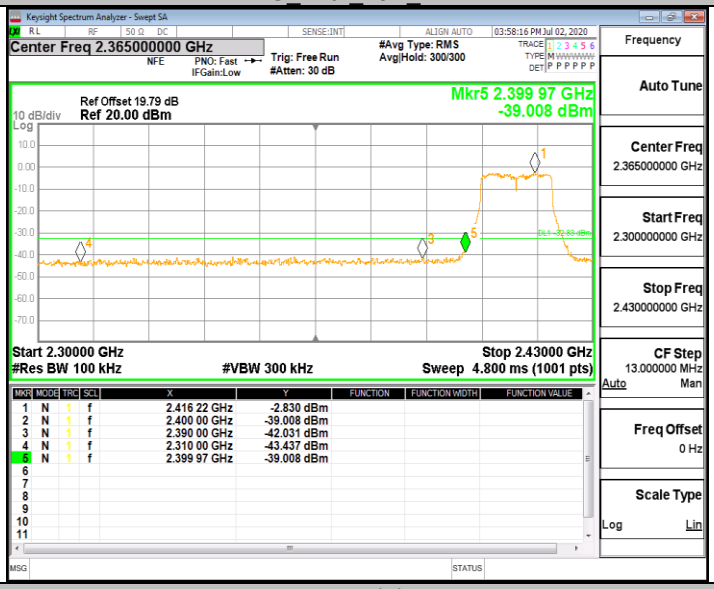


11B_Ant1_High_2462

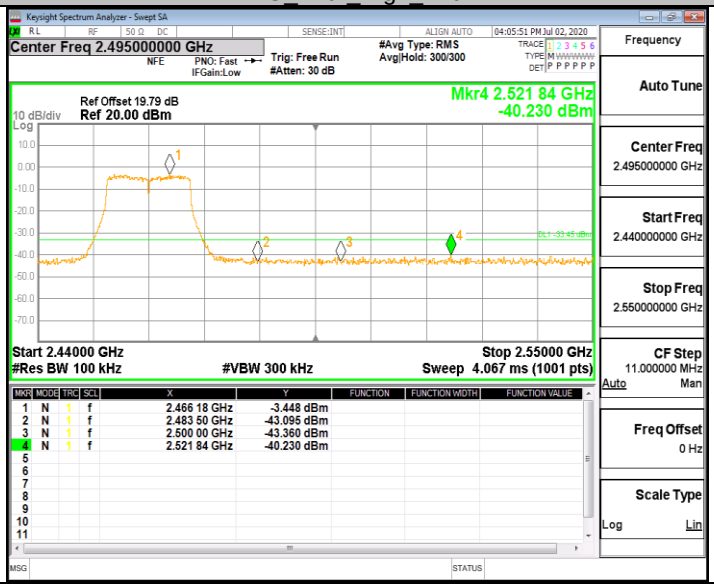


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

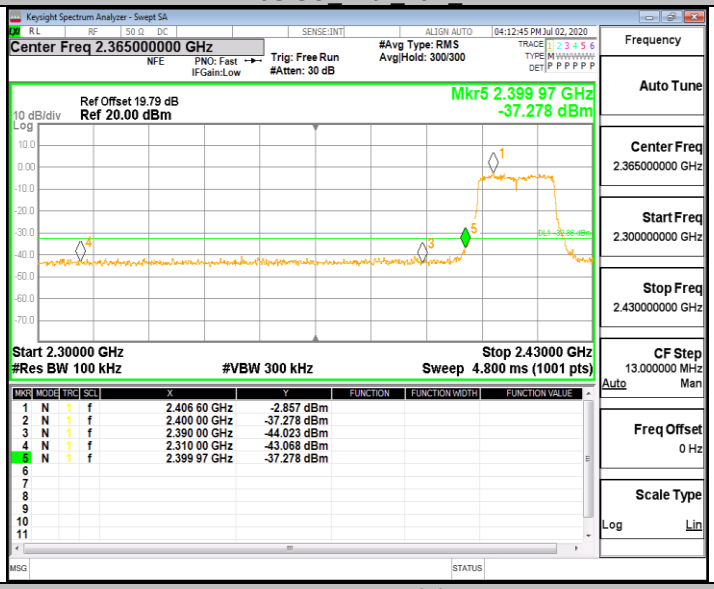
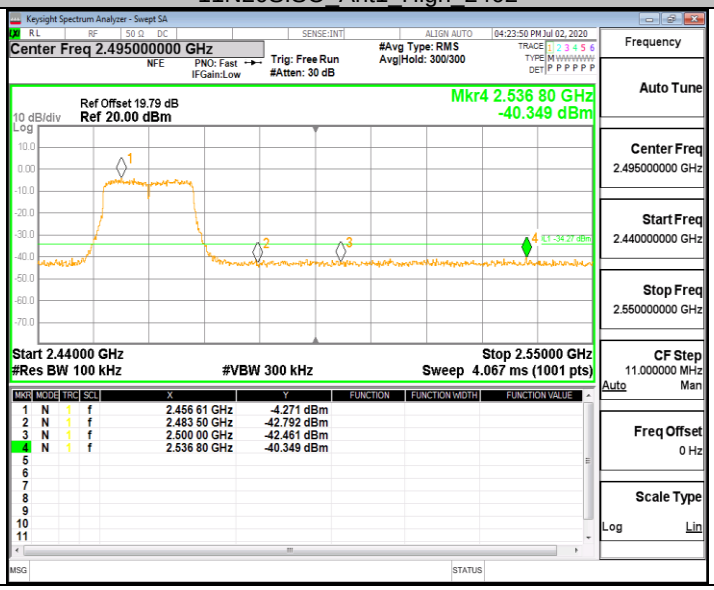
11G_Ant1_Low_2412



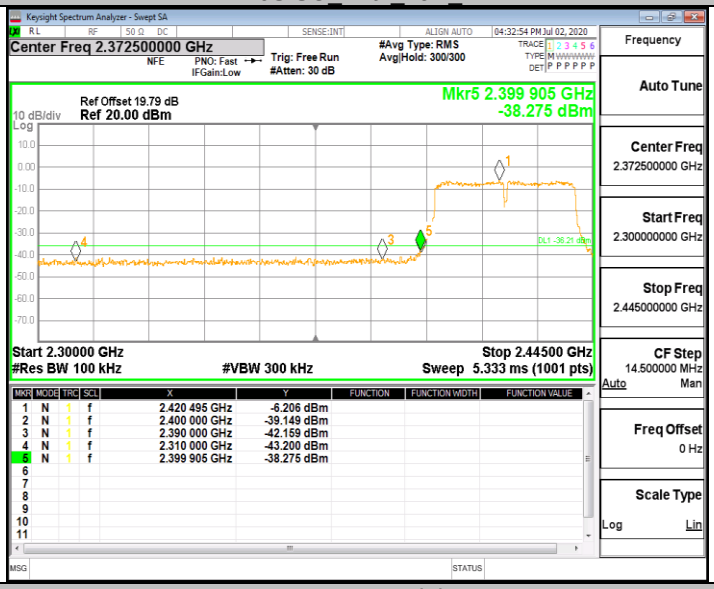
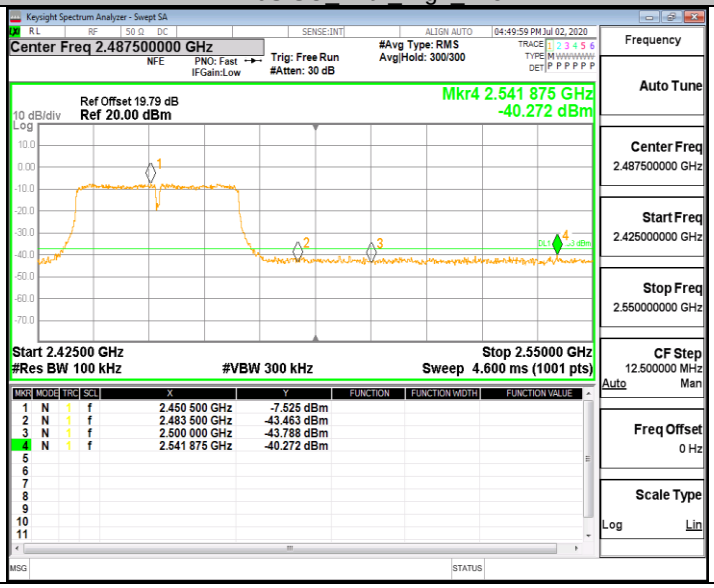
11G_Ant1_High_2462



This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_Low_2412

11N20SISO_Ant1_High_2462


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_Low_2422

11N40SISO_Ant1_High_2452


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.6. Appendix F: Conducted Spurious Emission

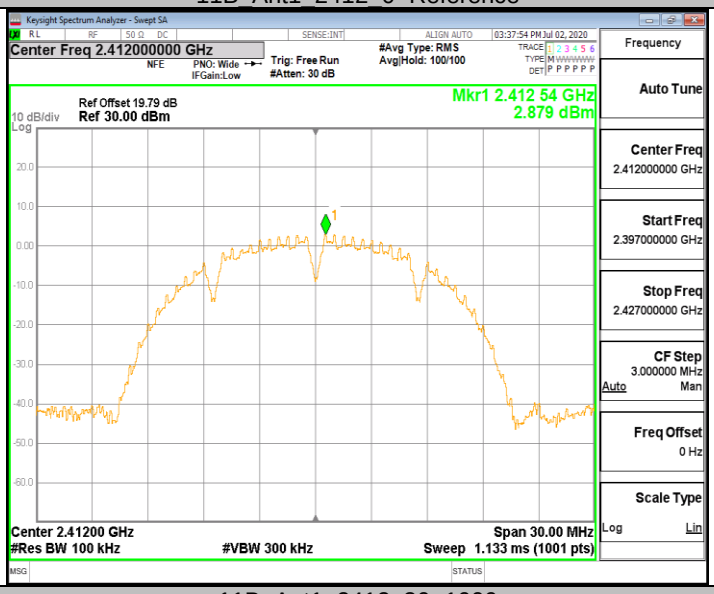
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.88	2.88	---	PASS
			30~1000	30~1000	-62.88	<=-27.121	PASS
			1000~26500	1000~26500	-43.192	<=-27.121	PASS
		2437	Reference	2.41	2.41	---	PASS
			30~1000	30~1000	-62.878	<=-27.592	PASS
			1000~26500	1000~26500	-53.236	<=-27.592	PASS
		2462	Reference	1.97	1.97	---	PASS
			30~1000	30~1000	-63.276	<=-28.034	PASS
			1000~26500	1000~26500	-54.188	<=-28.034	PASS
11G	Ant1	2412	Reference	-3.04	-3.04	---	PASS
			30~1000	30~1000	-63.37	<=-33.041	PASS
			1000~26500	1000~26500	-41.496	<=-33.041	PASS
		2437	Reference	-2.96	-2.96	---	PASS
			30~1000	30~1000	-63.148	<=-32.963	PASS
			1000~26500	1000~26500	-54.498	<=-32.963	PASS
		2462	Reference	-3.39	-3.39	---	PASS
			30~1000	30~1000	-63.017	<=-33.385	PASS
			1000~26500	1000~26500	-53.869	<=-33.385	PASS
11N20SISO	Ant1	2412	Reference	-2.96	-2.96	---	PASS
			30~1000	30~1000	-63.457	<=-32.963	PASS
			1000~26500	1000~26500	-39.996	<=-32.963	PASS
		2437	Reference	-3.50	-3.50	---	PASS
			30~1000	30~1000	-63.332	<=-33.504	PASS
			1000~26500	1000~26500	-54.134	<=-33.504	PASS
		2462	Reference	-4.54	-4.54	---	PASS
			30~1000	30~1000	-63.195	<=-34.535	PASS
			1000~26500	1000~26500	-54.575	<=-34.535	PASS
11N40SISO	Ant1	2422	Reference	-6.56	-6.56	---	PASS
			30~1000	30~1000	-63.321	<=-36.558	PASS
			1000~26500	1000~26500	-43.372	<=-36.558	PASS
		2437	Reference	-7.40	-7.40	---	PASS
			30~1000	30~1000	-56.444	<=-37.395	PASS
			1000~26500	1000~26500	-54.051	<=-37.395	PASS
		2452	Reference	-7.85	-7.85	---	PASS
			30~1000	30~1000	-62.273	<=-37.846	PASS
			1000~26500	1000~26500	-51.636	<=-37.846	PASS

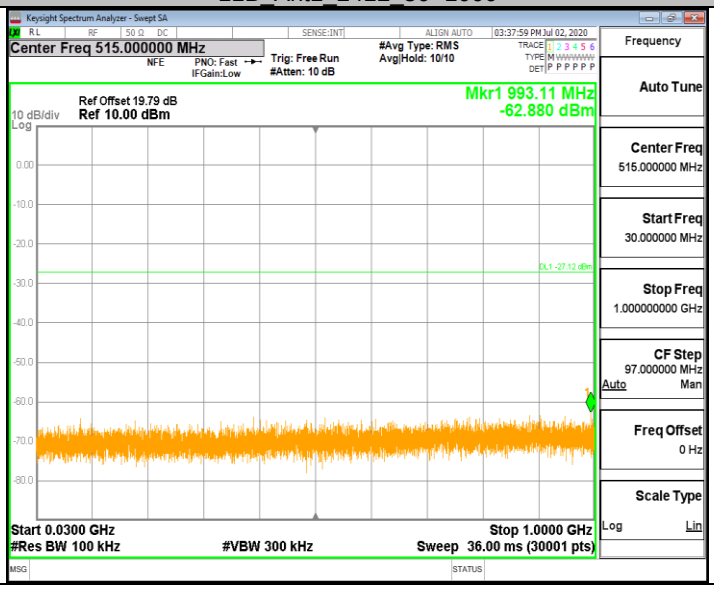
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.6.2. Test Graphs

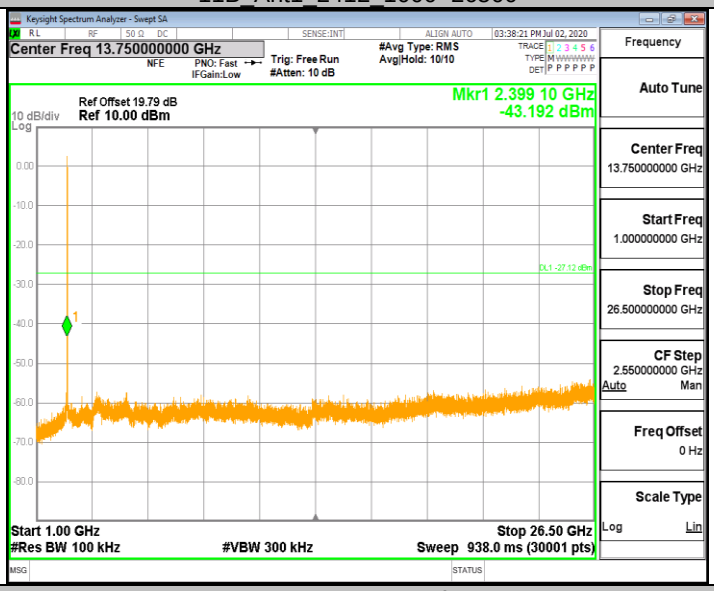
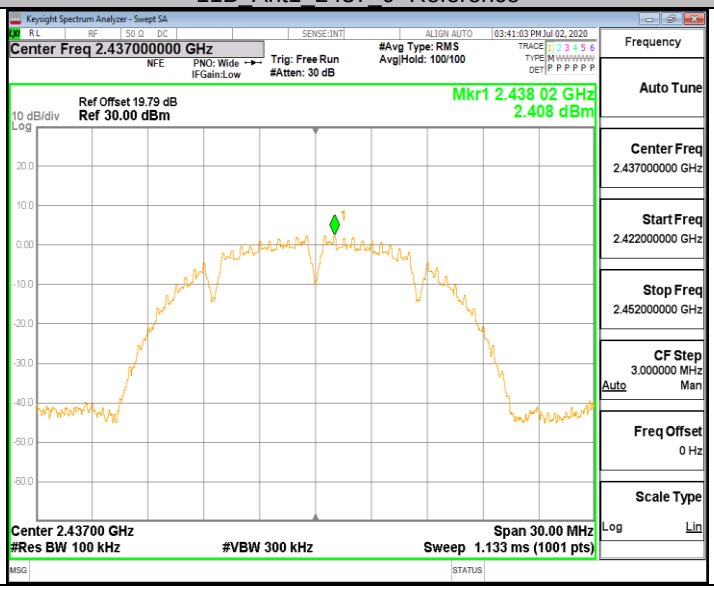
11B_Ant1_2412_0~Reference



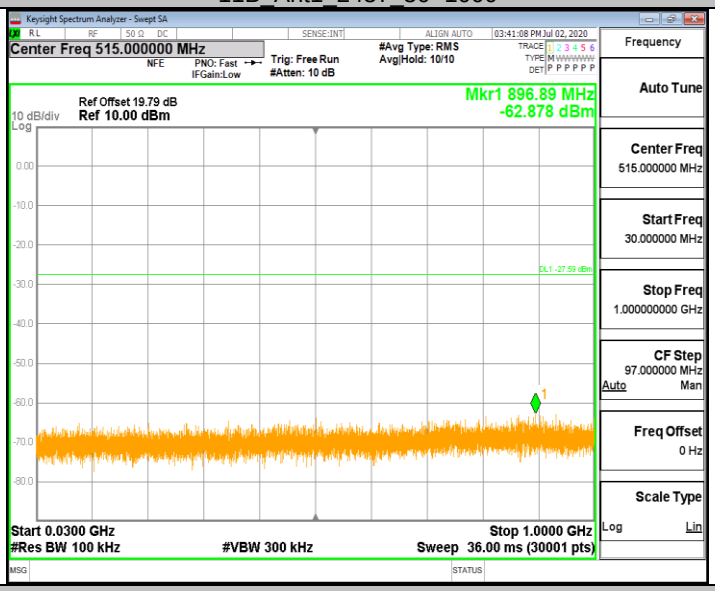
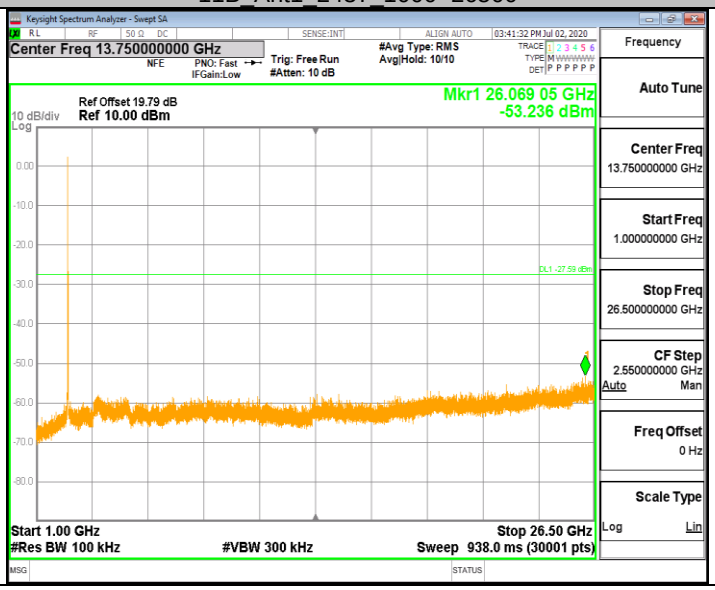
11B_Ant1_2412_30~1000



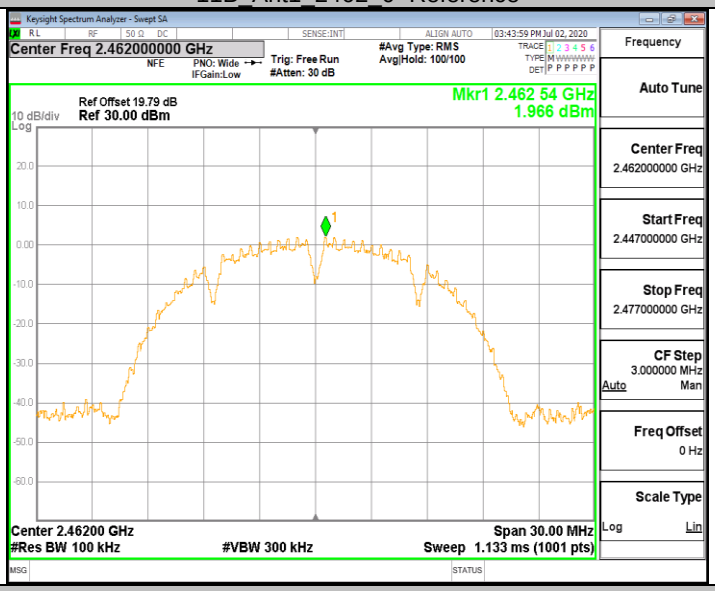
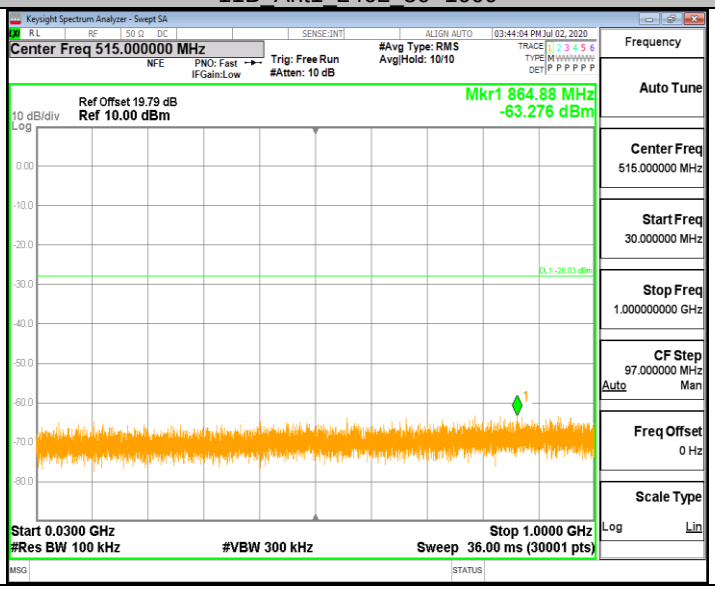
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference


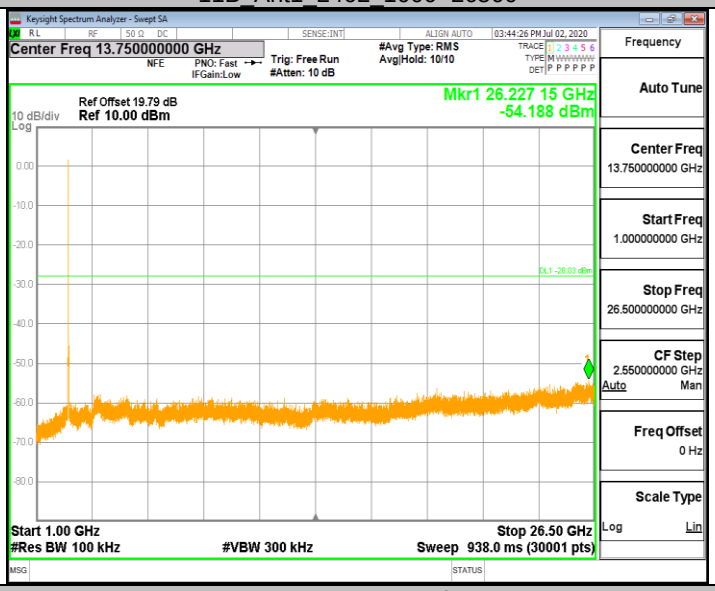
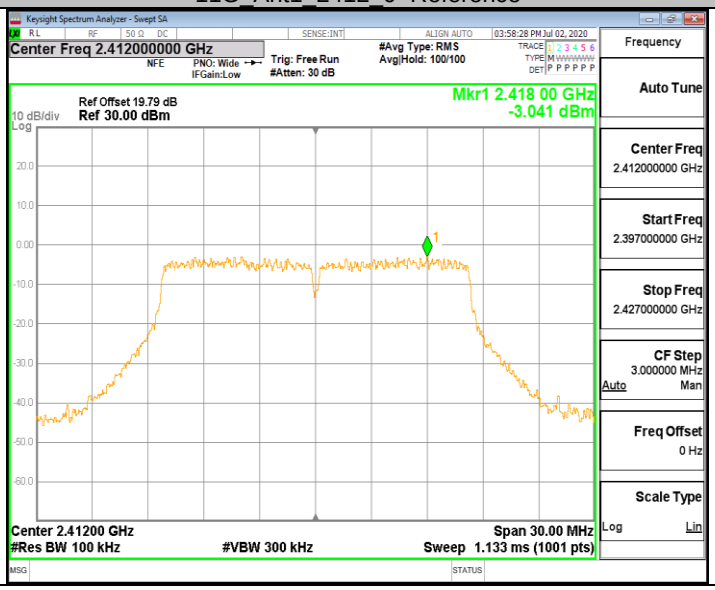
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2437_30~1000

11B_Ant1_2437_1000~26500


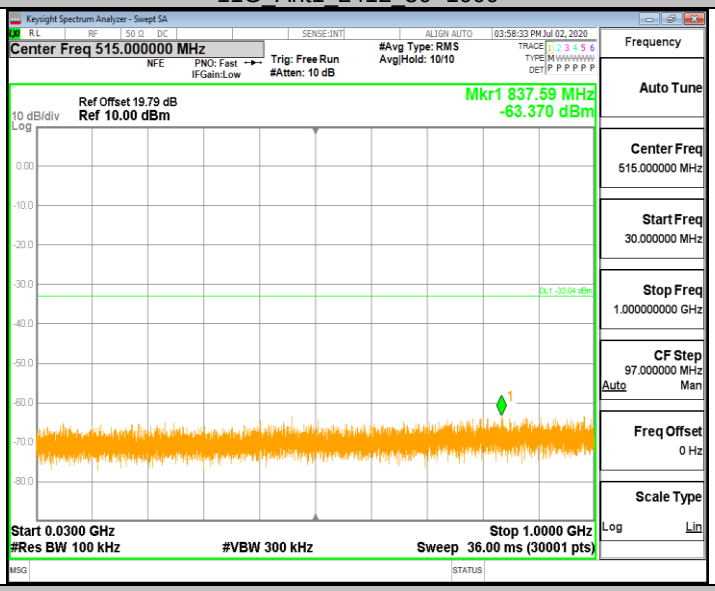
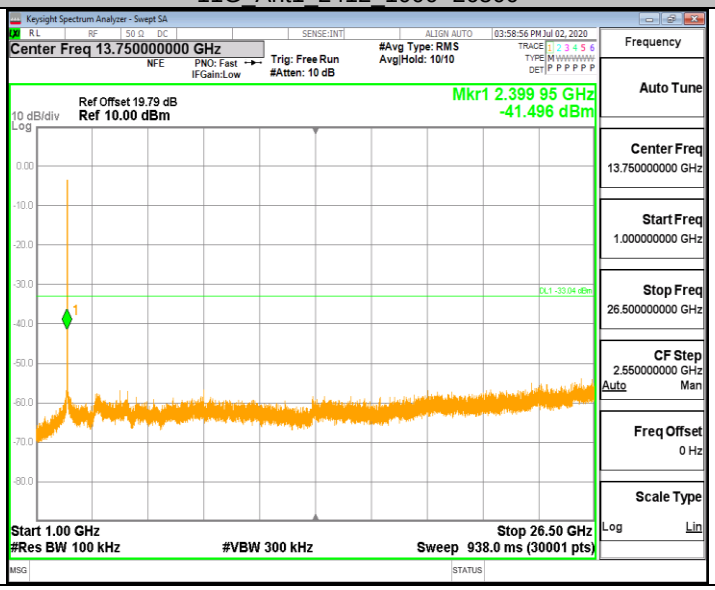
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000


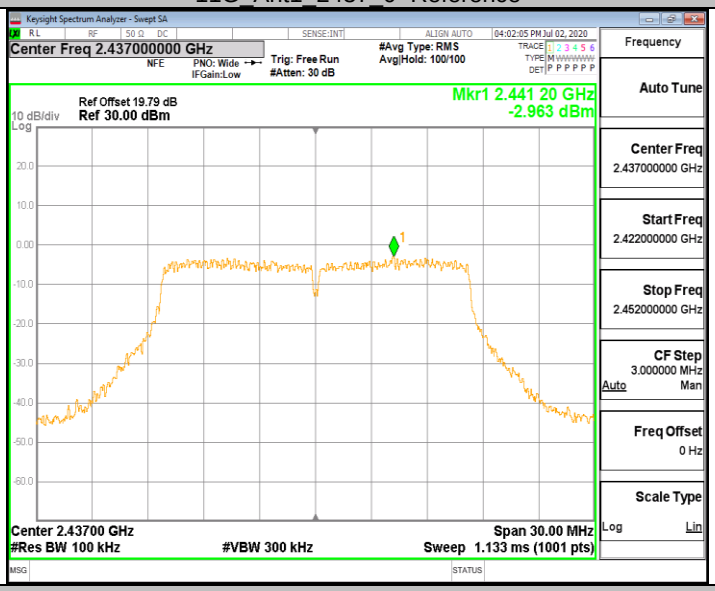
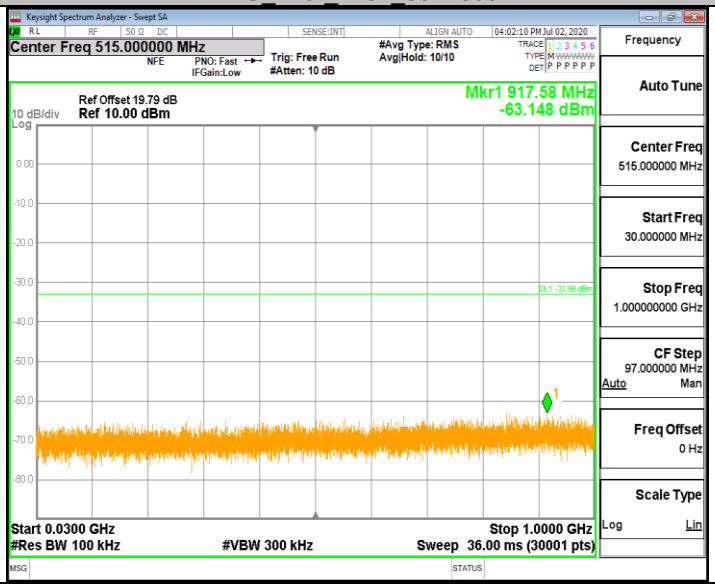
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2462_1000~26500

11G_Ant1_2412_0~Reference


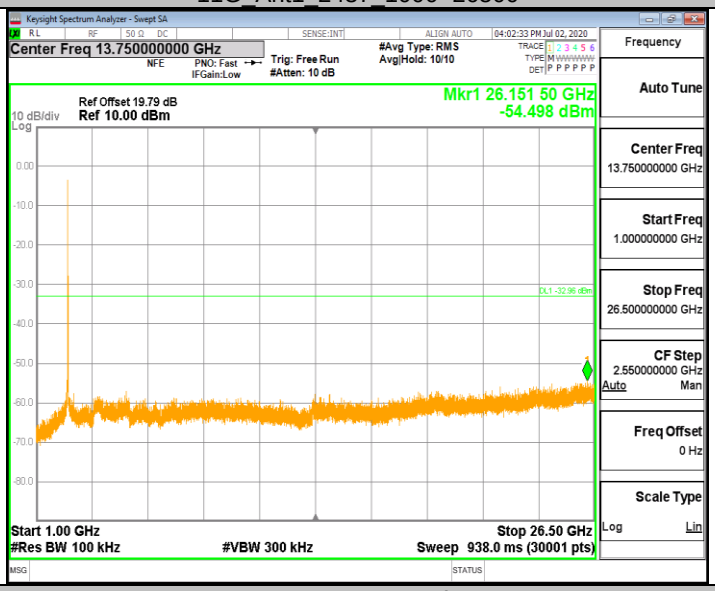
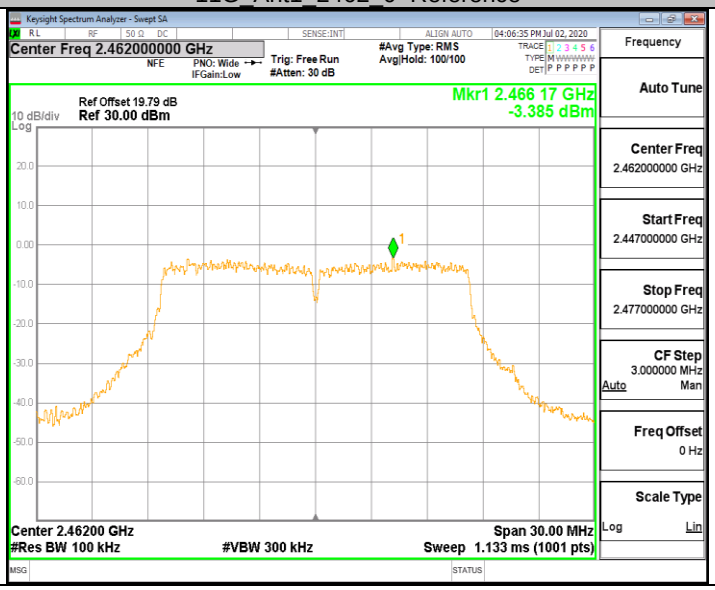
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2412_30~1000

11G_Ant1_2412_1000~26500


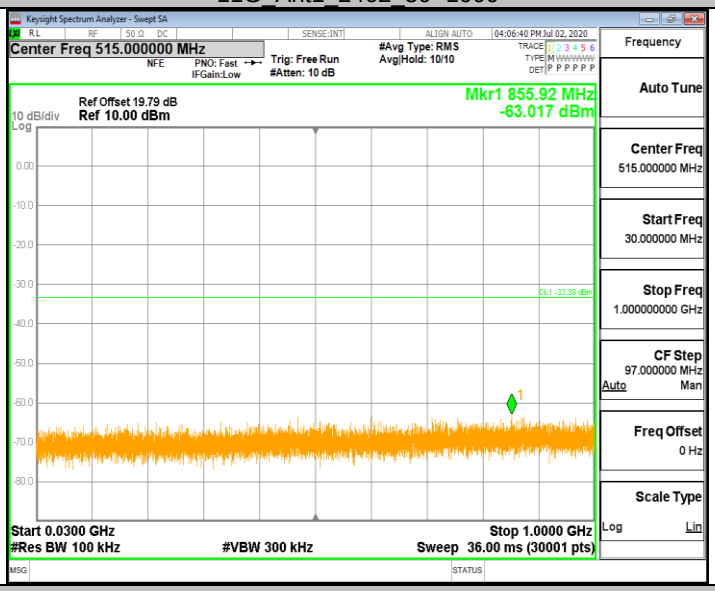
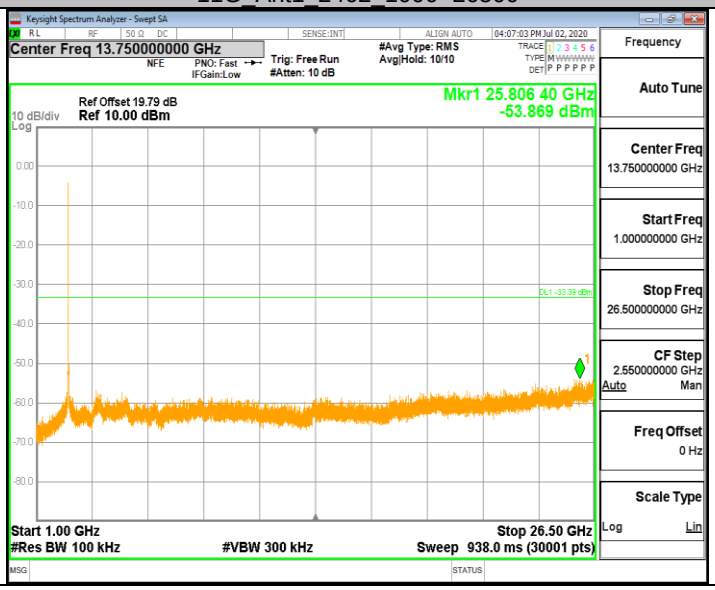
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2437_0~Reference

11G_Ant1_2437_30~1000


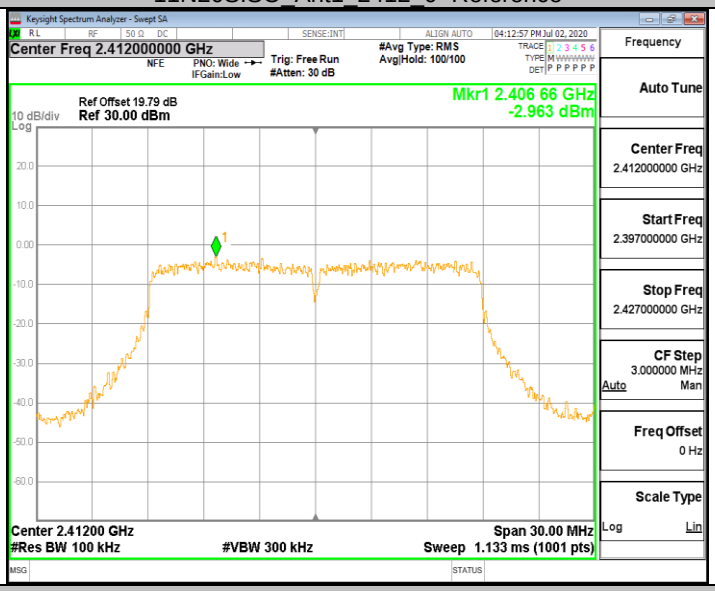
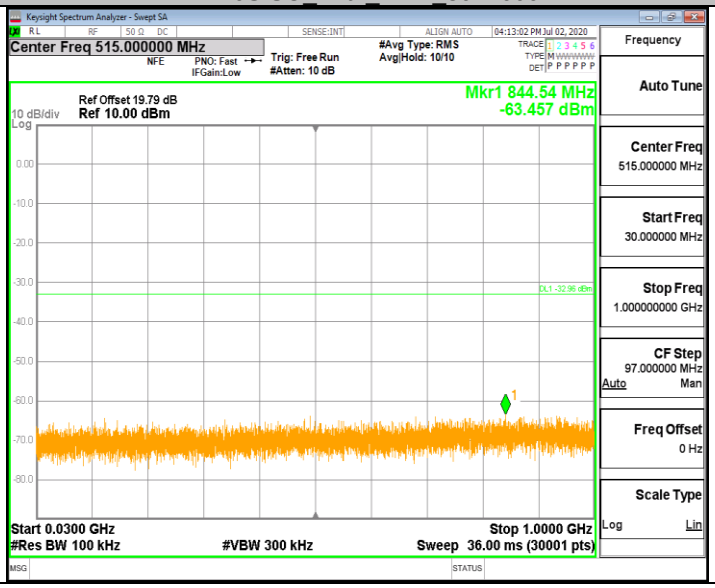
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2437_1000~26500

11G_Ant1_2462_0~Reference


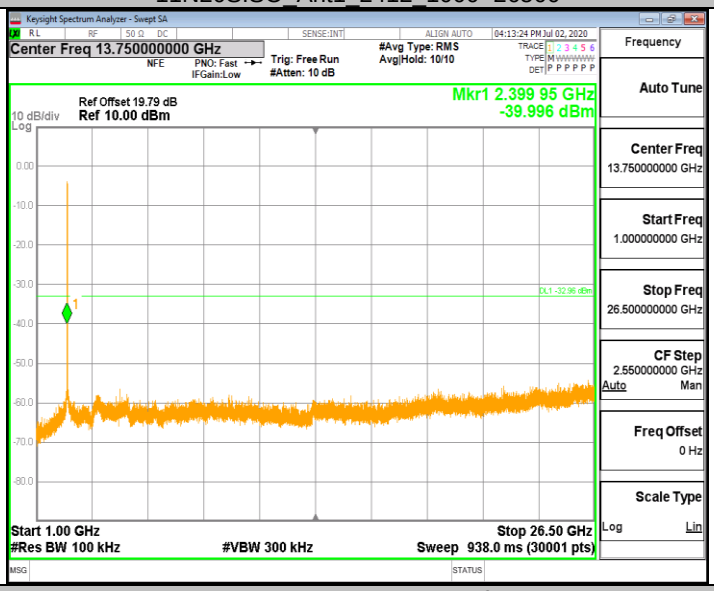
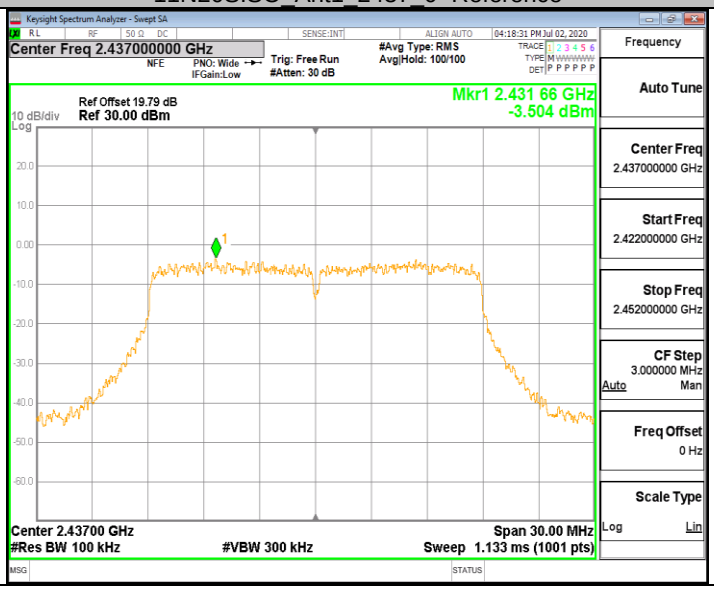
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2462_30~1000

11G_Ant1_2462_1000~26500


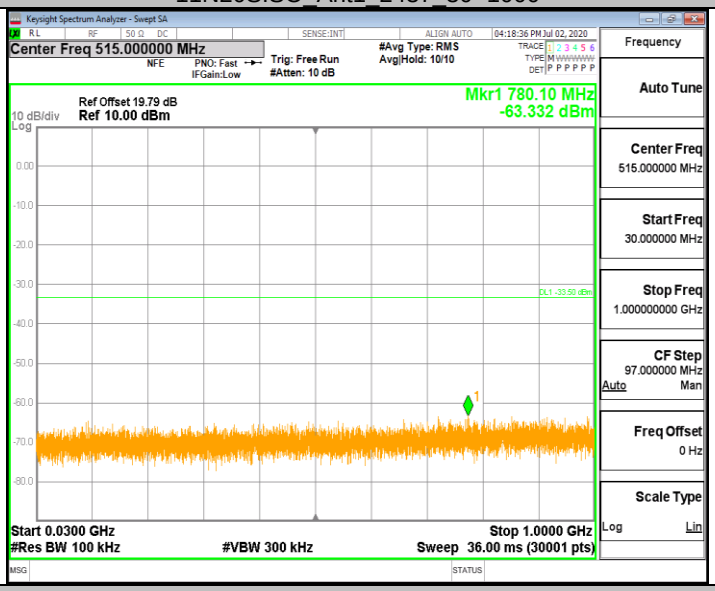
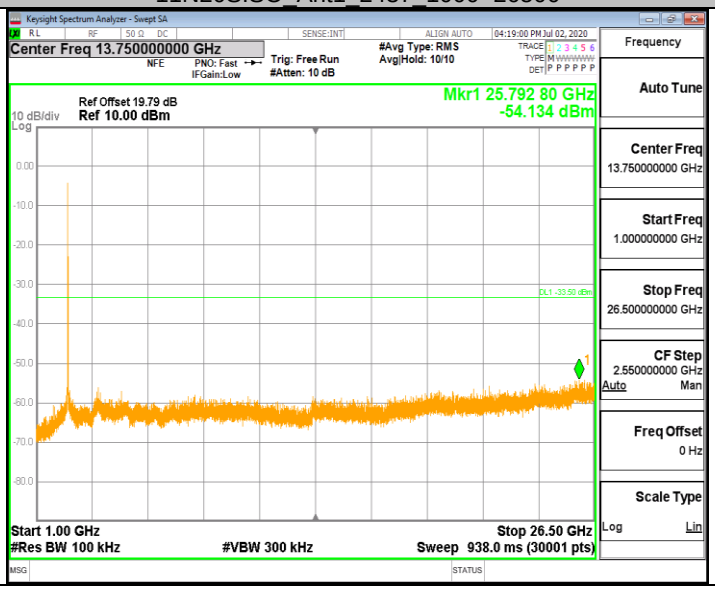
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2412_0~Reference

11N20SISO_Ant1_2412_30~1000


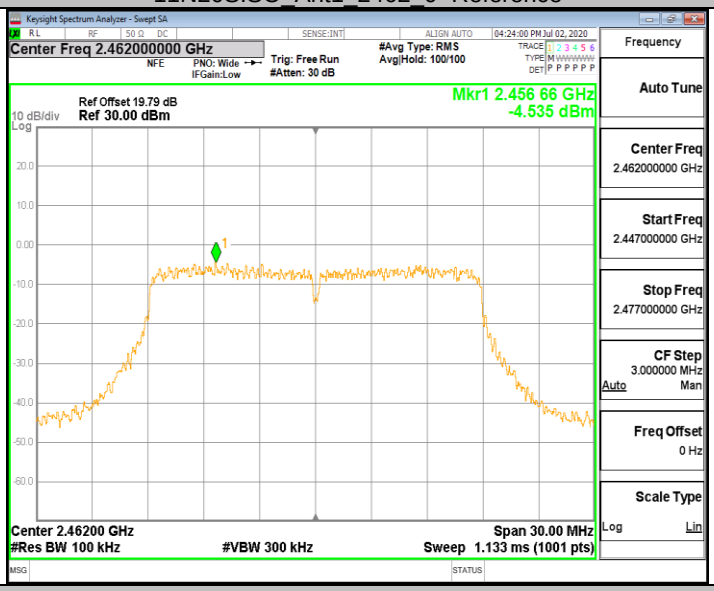
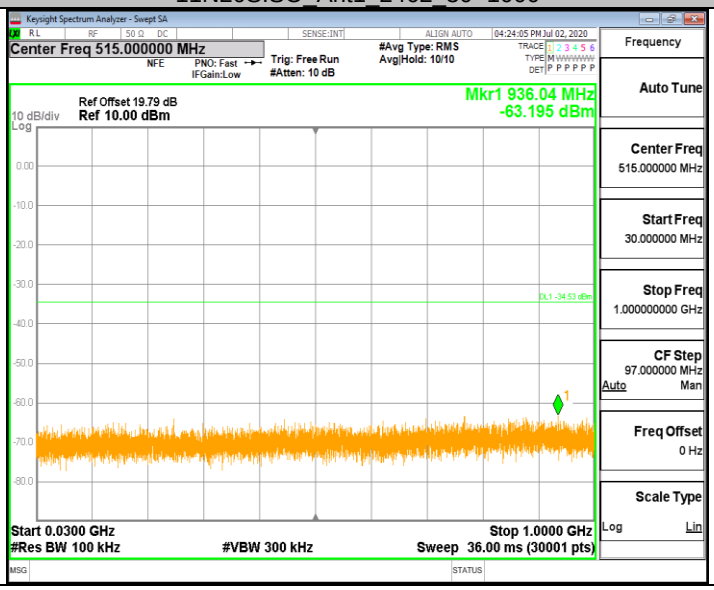
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2412_1000~26500

11N20SISO_Ant1_2437_0~Reference


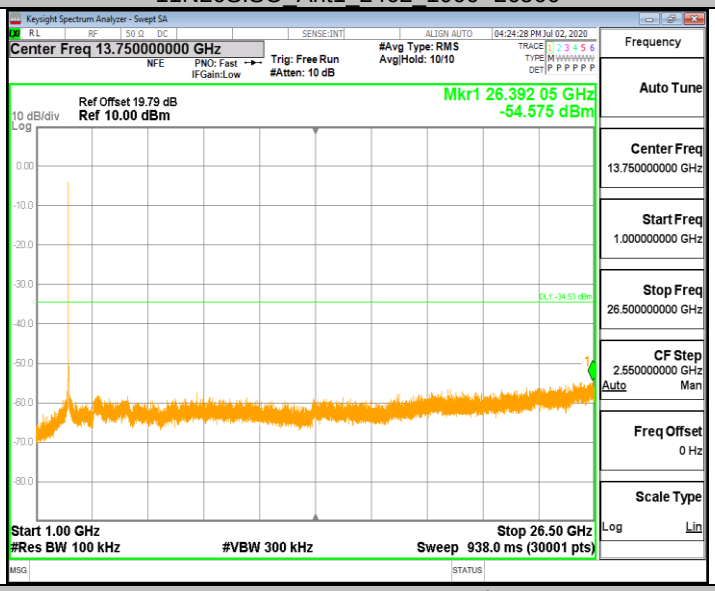
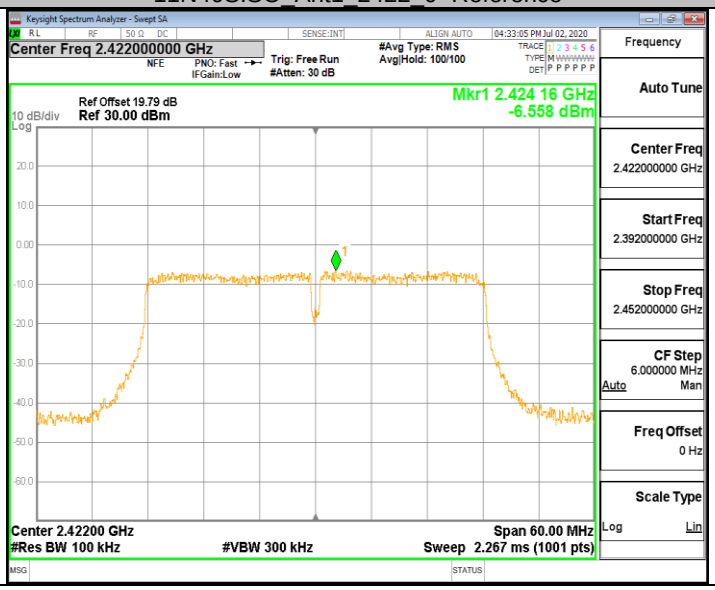
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2437_30~1000

11N20SISO_Ant1_2437_1000~26500


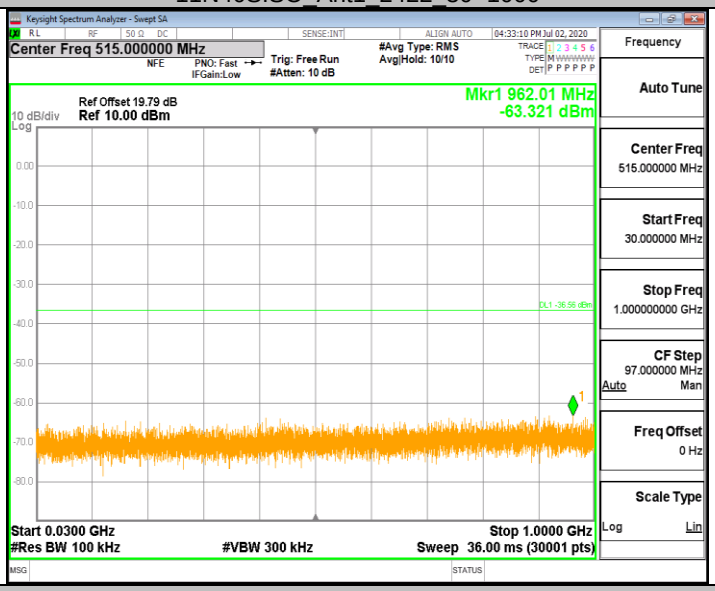
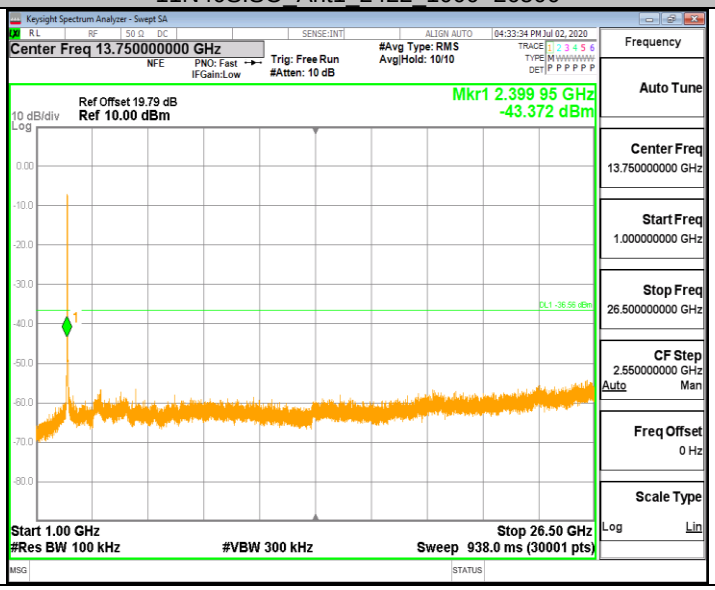
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2462_0~Reference

11N20SISO_Ant1_2462_30~1000


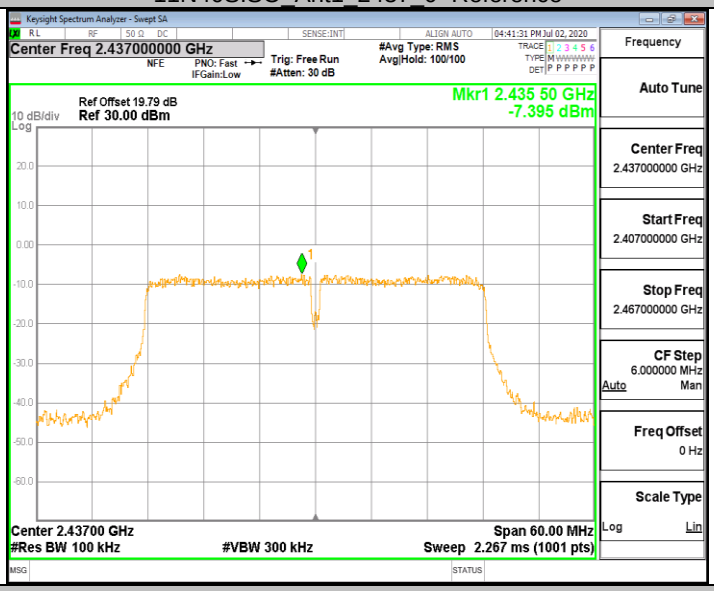
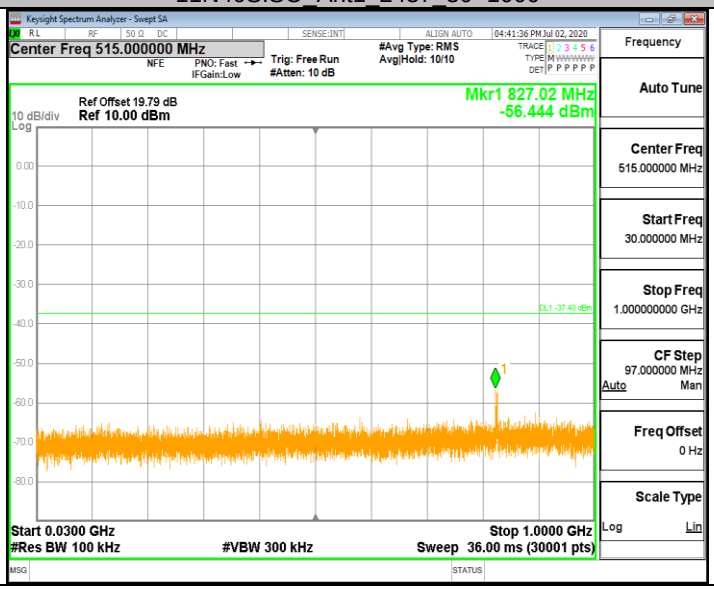
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2462_1000~26500

11N40SISO_Ant1_2422_0~Reference


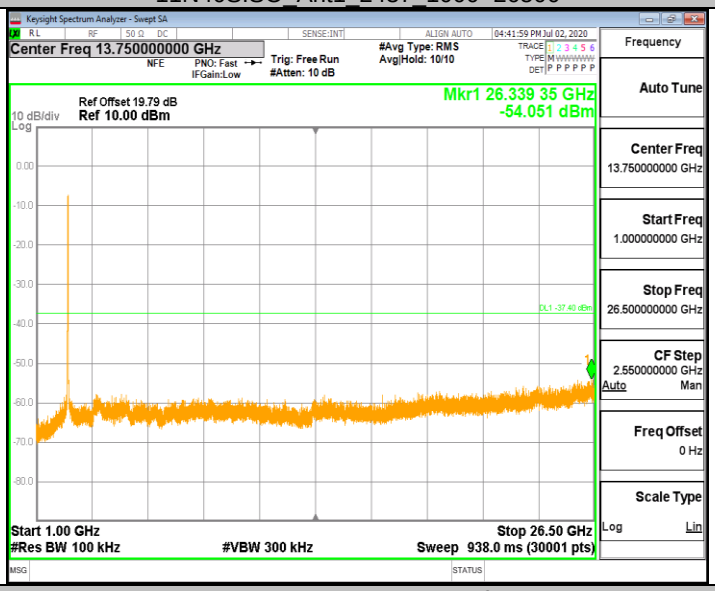
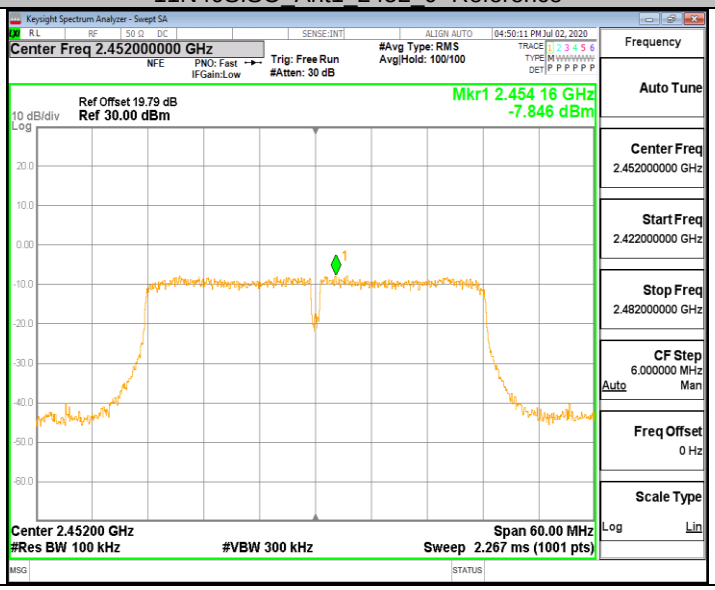
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2422_30~1000

11N40SISO_Ant1_2422_1000~26500


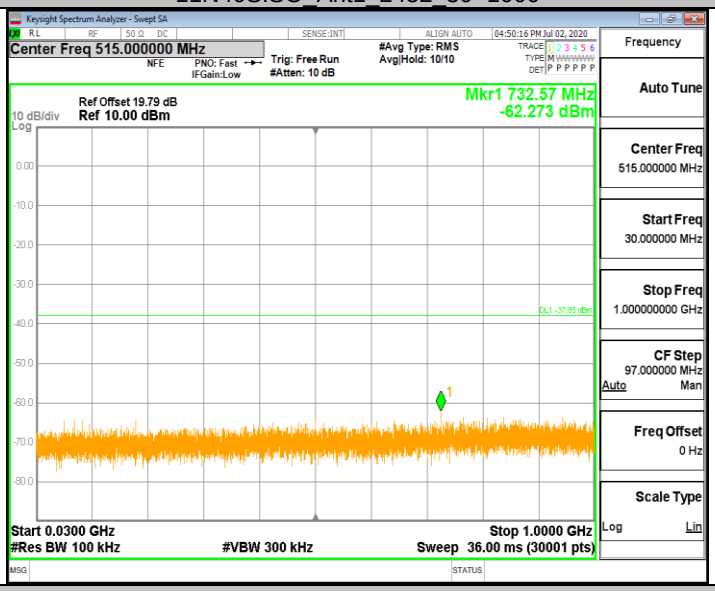
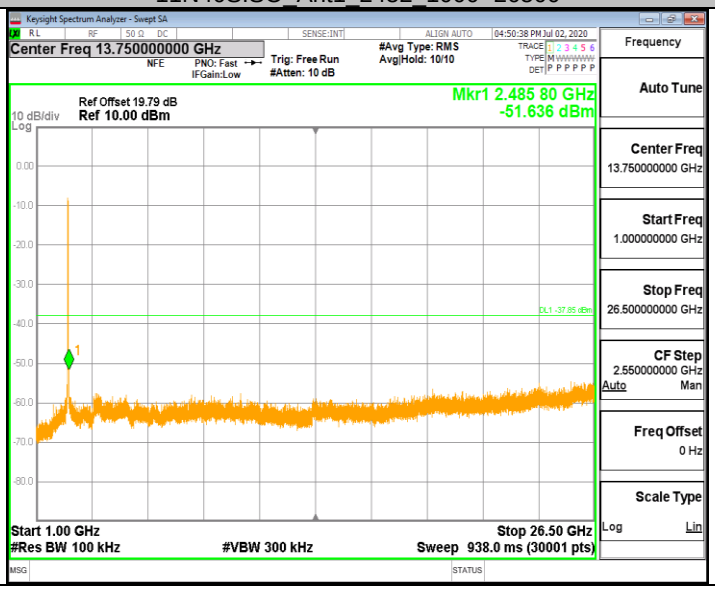
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2437_0~Reference

11N40SISO_Ant1_2437_30~1000


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2437_1000~26500

11N40SISO_Ant1_2452_0~Reference


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2452_30~1000

11N40SISO_Ant1_2452_1000~26500


END OF REPORT

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.