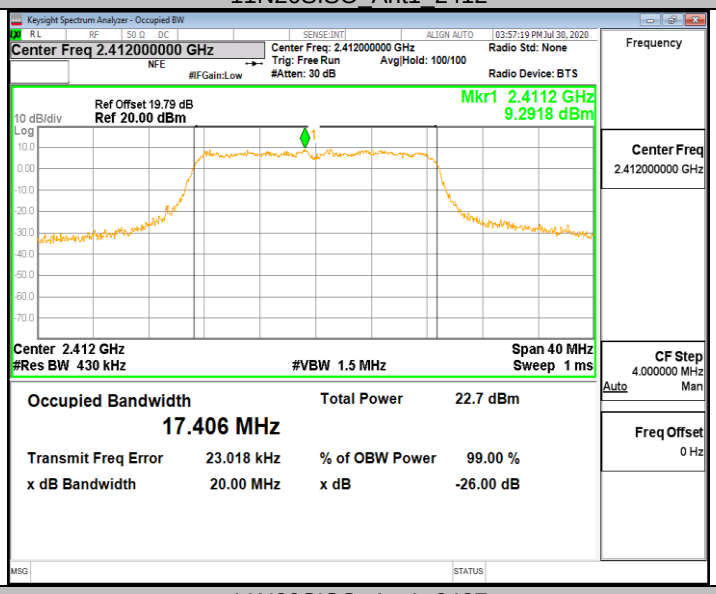
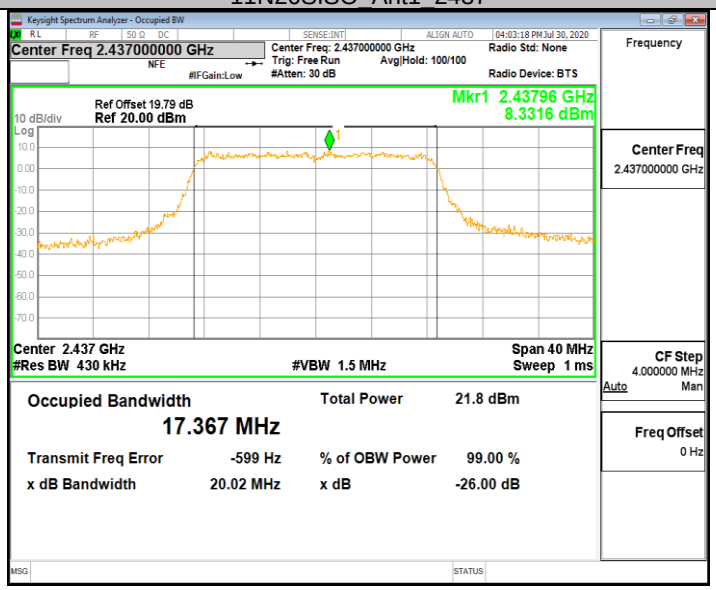
11N20SISO_Ant1_2412

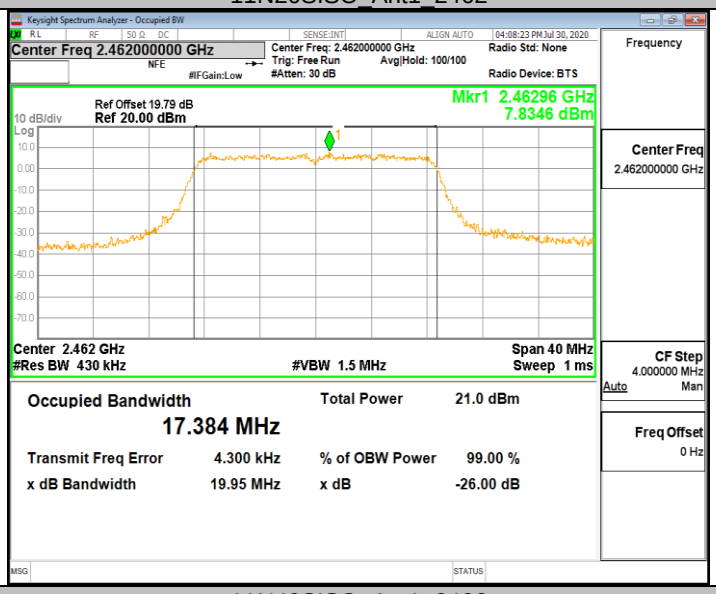


11N20SISO_Ant1_2437

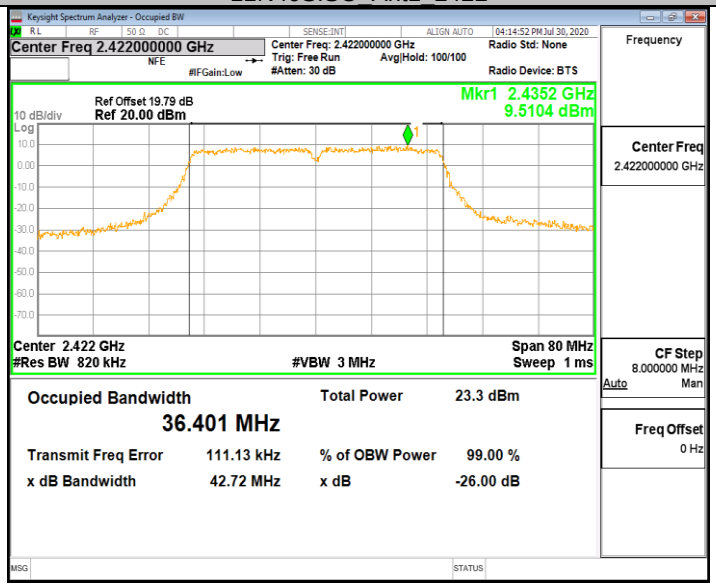


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

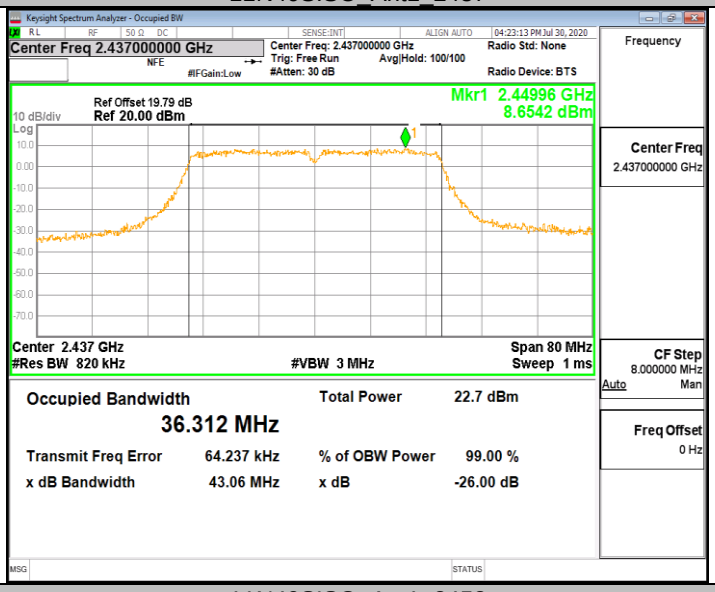
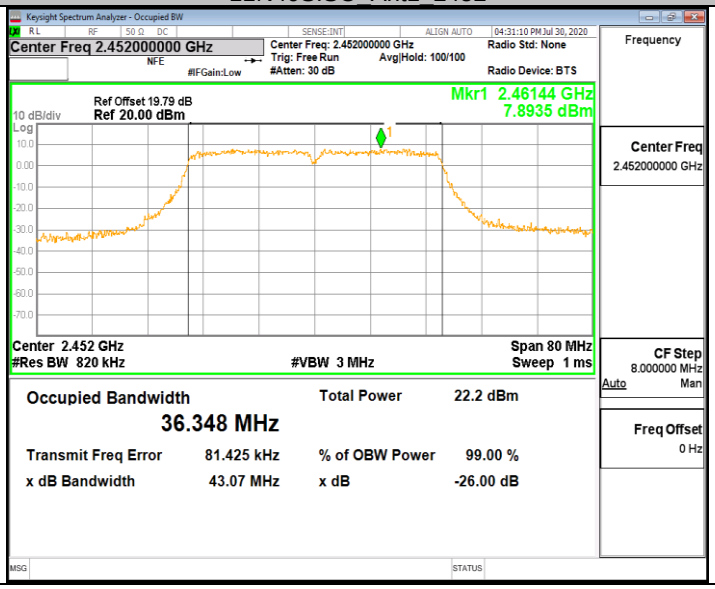
11N20SISO_Ant1_2462



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.

11.4. Appendix D: Maximum conducted output power

11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.26	<=30	PASS
		2437	16.65	<=30	PASS
		2462	15.87	<=30	PASS
11G	Ant1	2412	15.87	<=30	PASS
		2437	15.00	<=30	PASS
		2462	14.02	<=30	PASS
11N20SISO	Ant1	2412	13.36	<=30	PASS
		2437	13.13	<=30	PASS
		2462	12.11	<=30	PASS
11N40SISO	Ant1	2422	12.46	<=30	PASS
		2437	11.61	<=30	PASS
		2452	10.92	<=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.

11.5. Appendix E: Maximum power spectral density

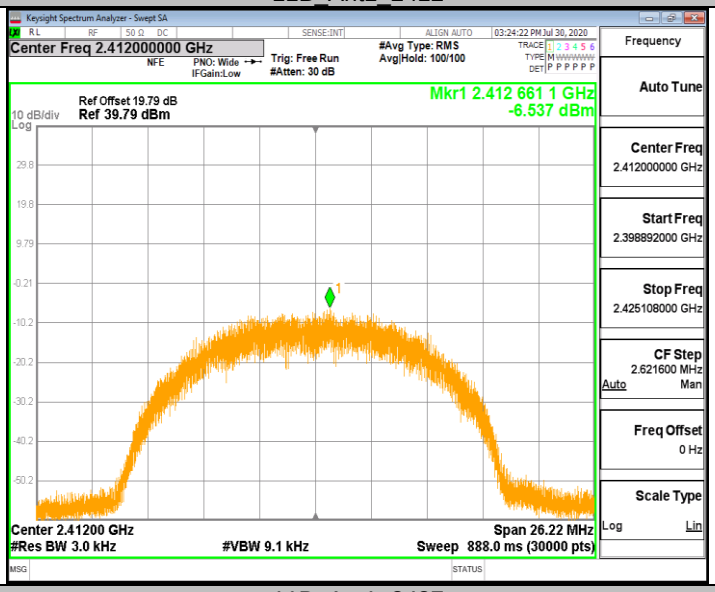
11.5.1. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.54	<=8	PASS
		2437	-7.16	<=8	PASS
		2462	-7.96	<=8	PASS
11G	Ant1	2412	-12.26	<=8	PASS
		2437	-12.94	<=8	PASS
		2462	-13.75	<=8	PASS
11N20SISO	Ant1	2412	-11.83	<=8	PASS
		2437	-12.41	<=8	PASS
		2462	-13.18	<=8	PASS
11N40SISO	Ant1	2422	-16.96	<=8	PASS
		2437	-17.95	<=8	PASS
		2452	-18.49	<=8	PASS

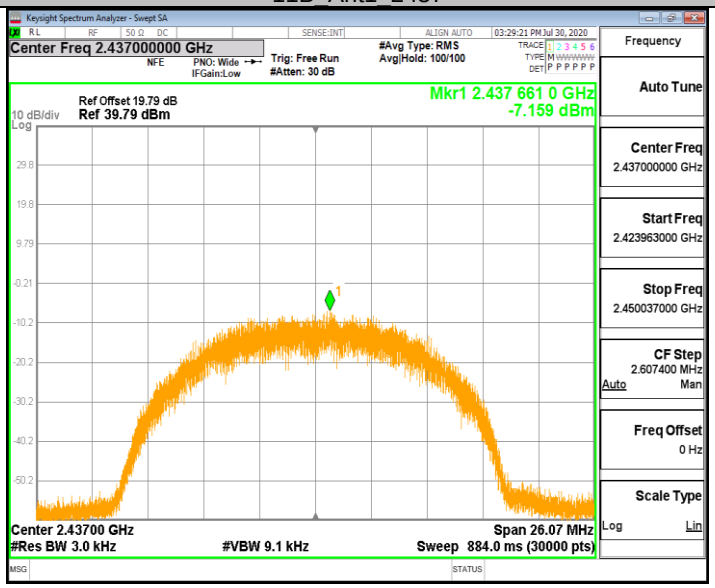
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.5.2. Test Graphs

11B_Ant1_2412

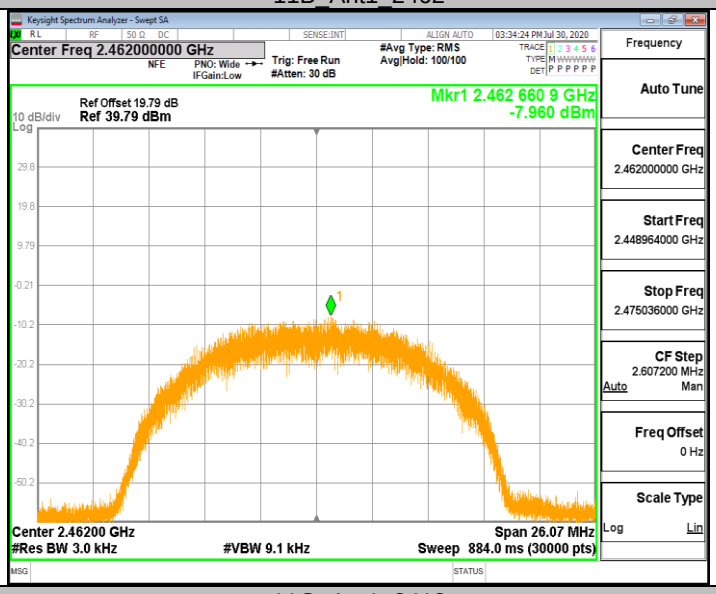


11B_Ant1_2437

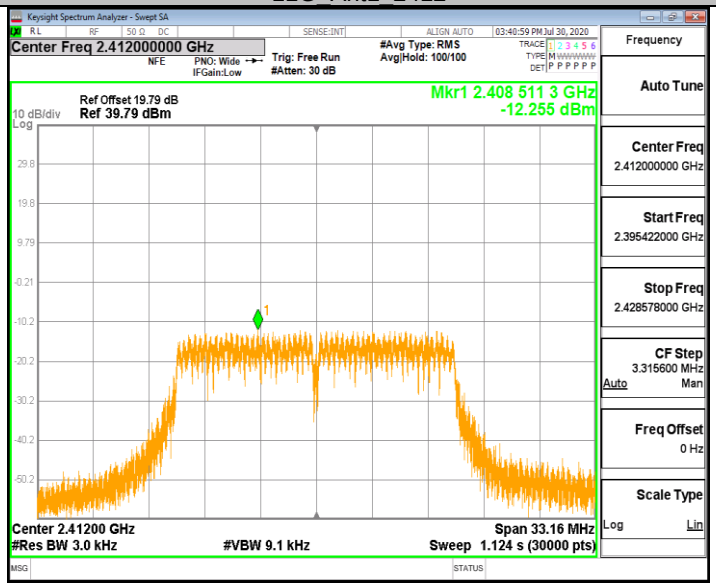


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2462

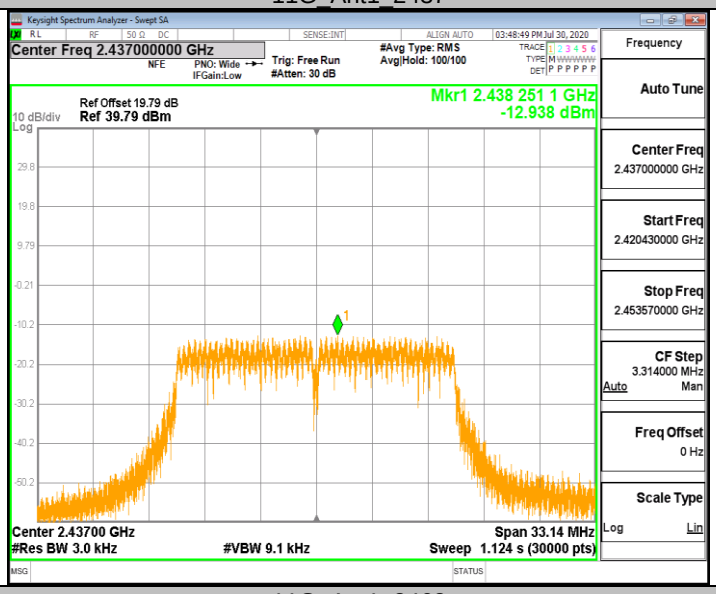


11G_Ant1_2412

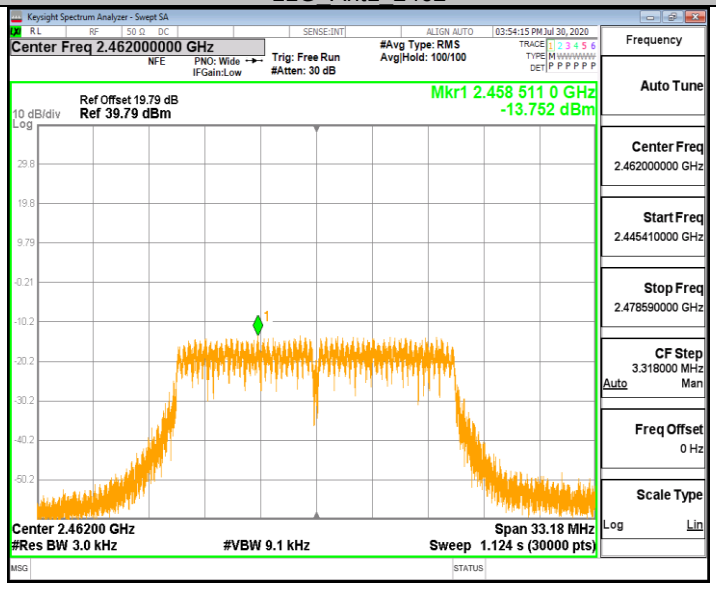


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2437

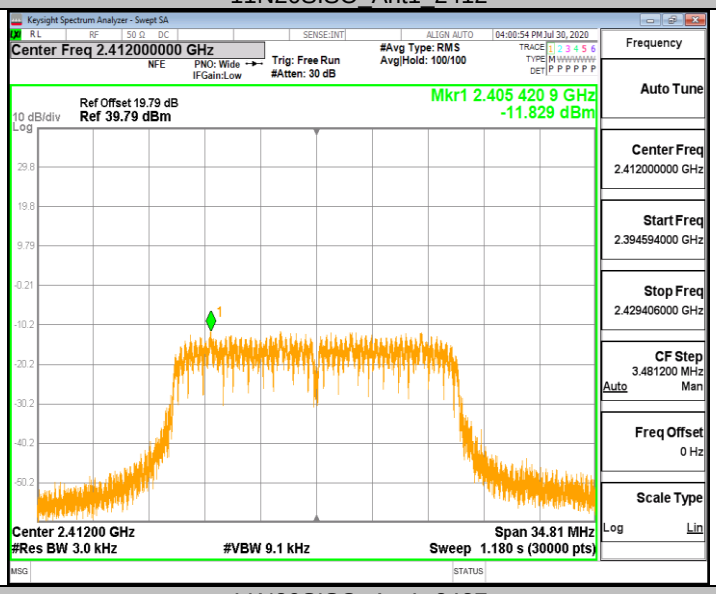


11G_Ant1_2462

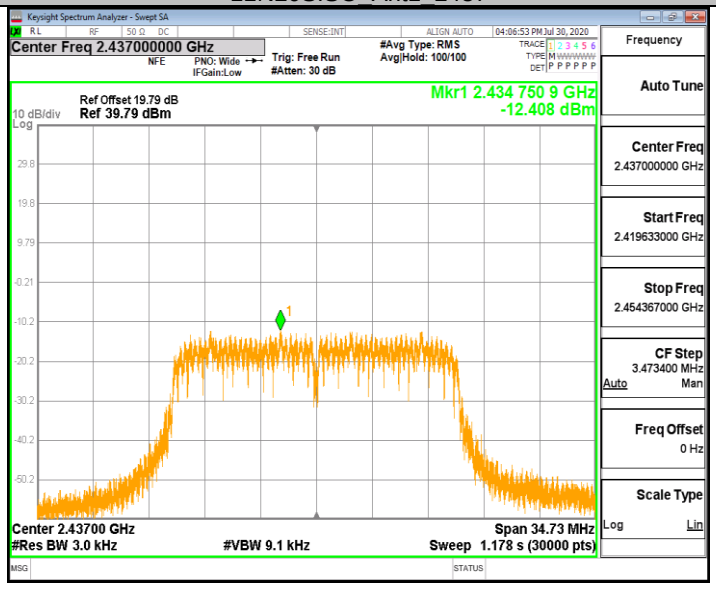


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2412

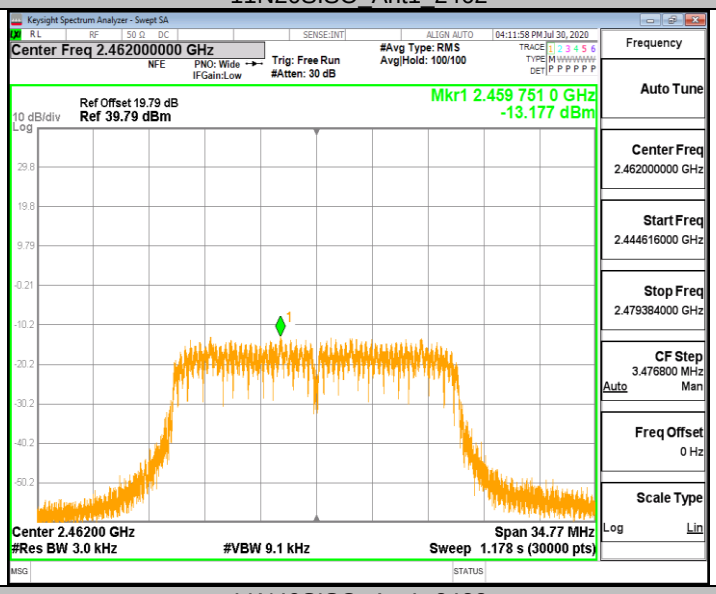


11N20SISO_Ant1_2437

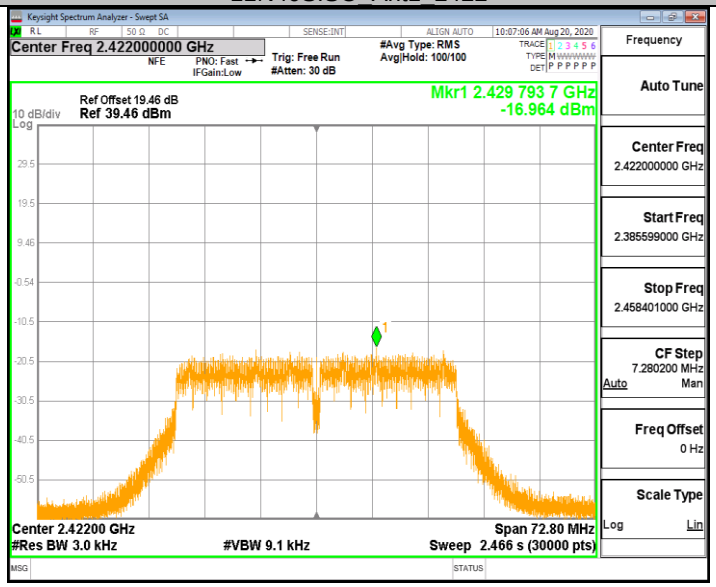


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

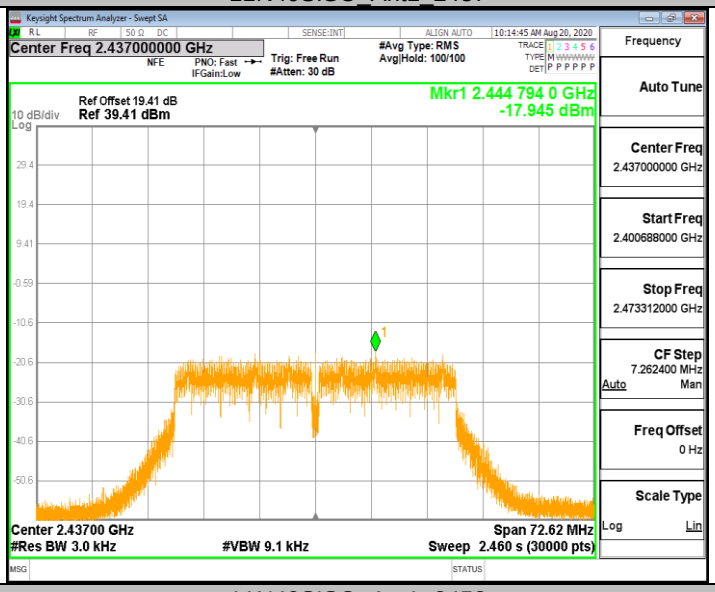
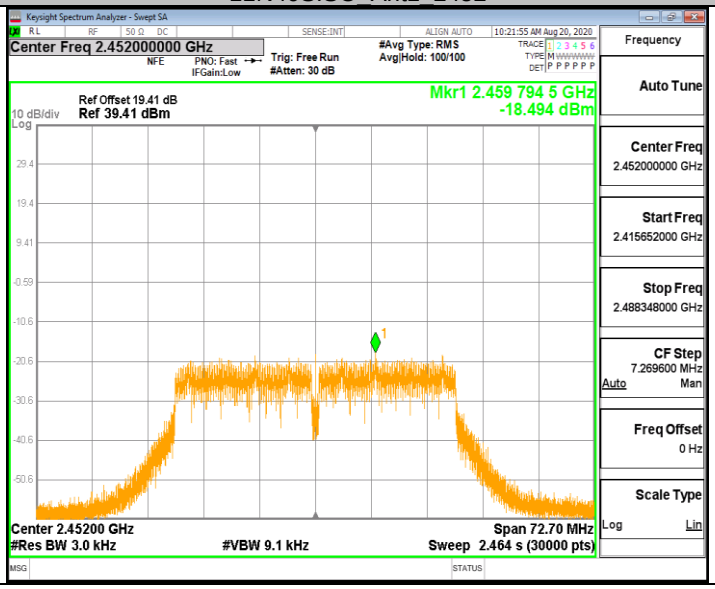
11N20SISO_Ant1_2462



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.

11.6. Appendix F: Band edge measurements

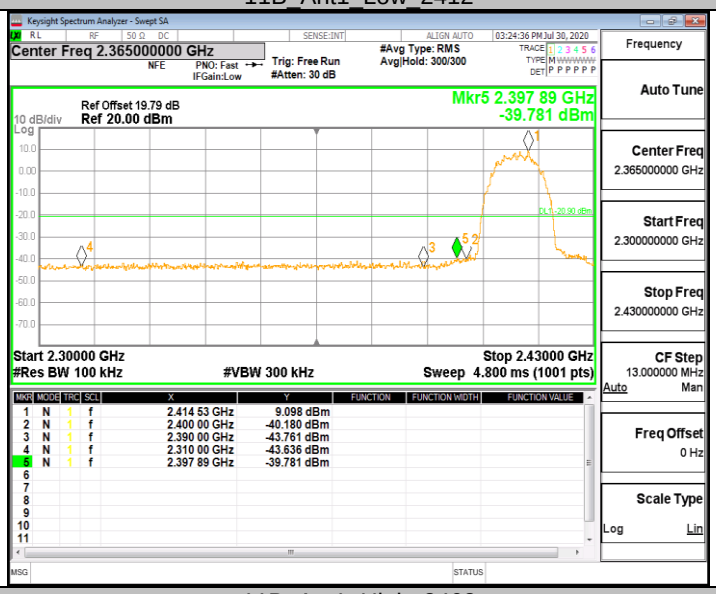
11.6.1. Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.10	-39.78	<=-20.9	PASS
		High	2462	6.85	-40.58	<=-23.15	PASS
11G	Ant1	Low	2412	2.92	-31.08	<=-27.08	PASS
		High	2462	1.52	-40.85	<=-28.48	PASS
11N20SISO	Ant1	Low	2412	2.81	-31.21	<=-27.19	PASS
		High	2462	1.55	-40.14	<=-28.45	PASS
11N40SISO	Ant1	Low	2422	-5.84	-41.73	<=-35.84	PASS
		High	2452	-5.86	-42.98	<=-35.86	PASS

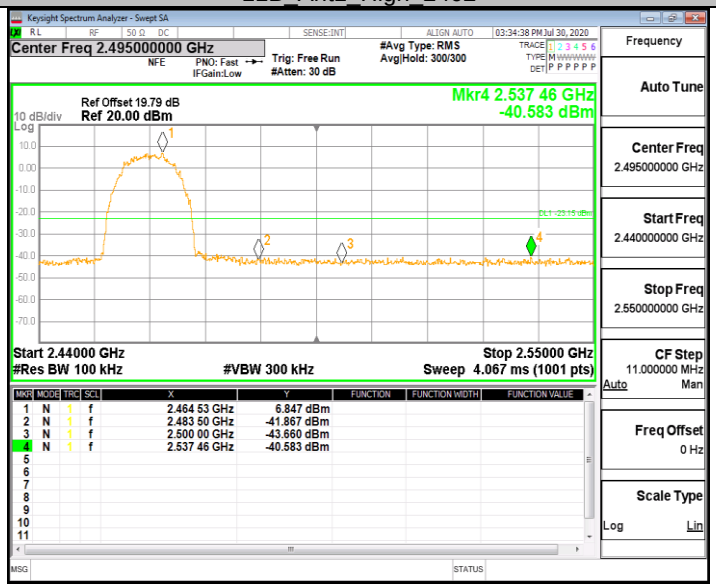
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.6.2. Test Graphs

11B_Ant1_Low_2412

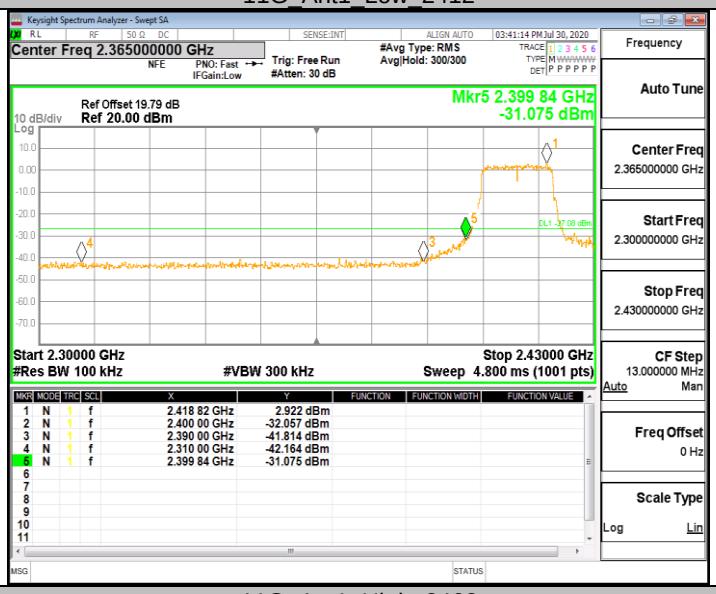


11B_Ant1_High_2462

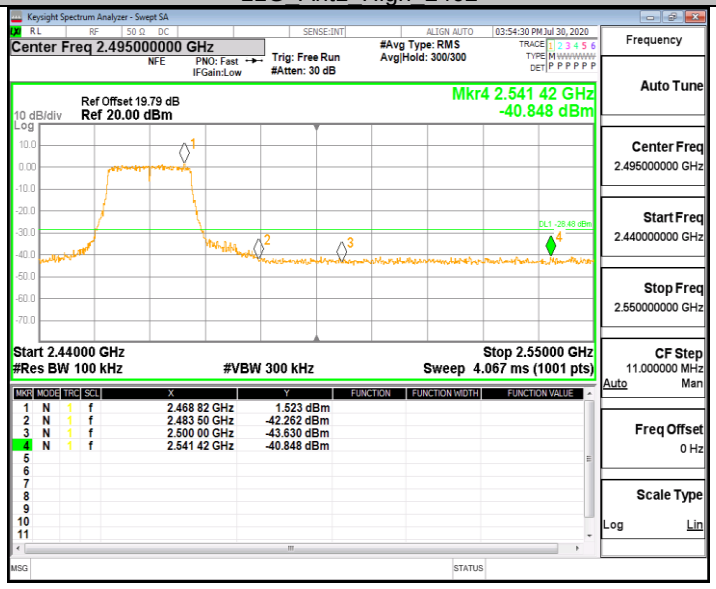


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_Low_2412

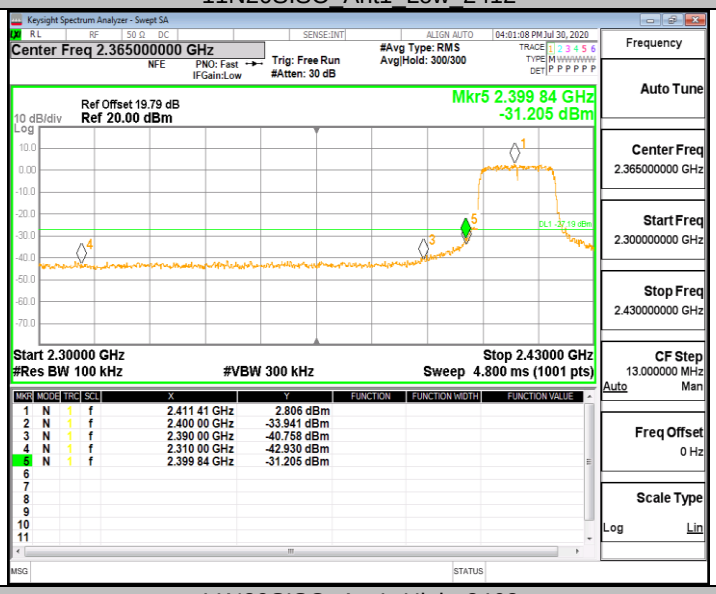


11G_Ant1_High_2462

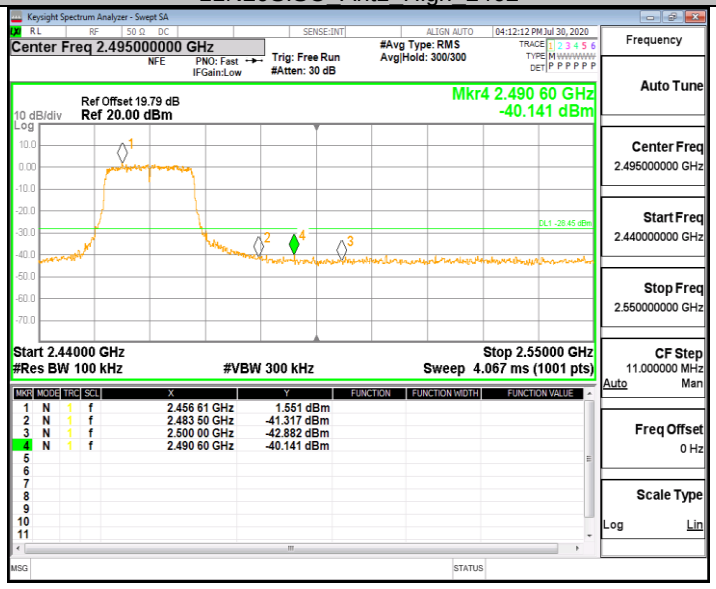


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

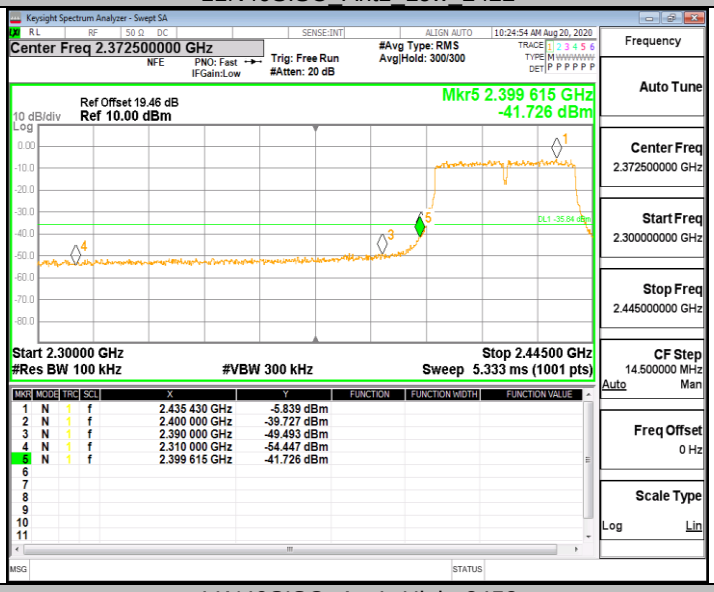
11N20SISO_Ant1_Low_2412

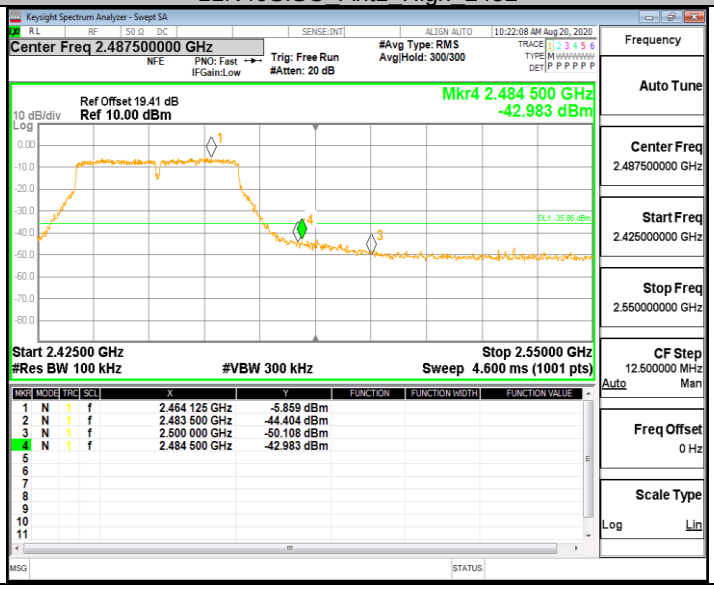


11N20SISO_Ant1_High_2462



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.

11.7. Appendix G: Conducted Spurious Emission

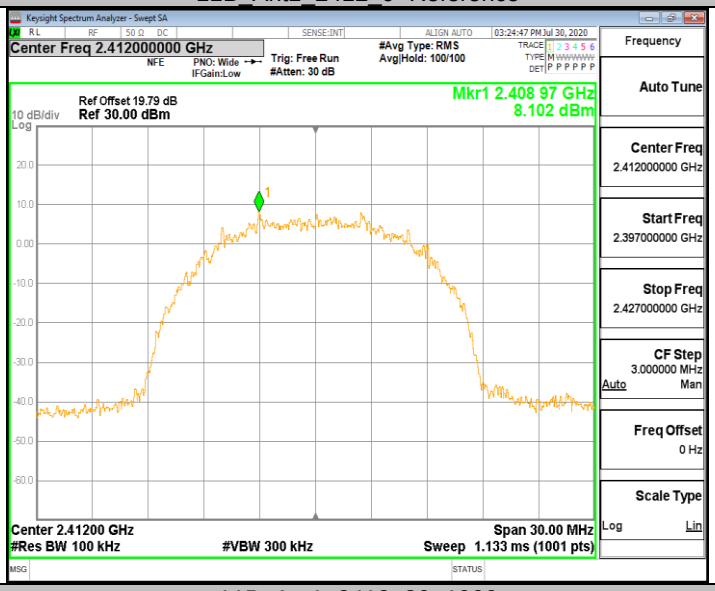
11.7.1. Test Result

Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.10	8.10	---	PASS
			30~1000	---	-60.676	<=-21.898	PASS
			1000~26500	---	-49.278	<=-21.898	PASS
		2437	Reference	7.21	7.21	---	PASS
			30~1000	---	-60.43	<=-22.79	PASS
			1000~26500	---	-49.816	<=-22.79	PASS
		2462	Reference	7.88	7.88	---	PASS
			30~1000	---	-61.1	<=-22.118	PASS
			1000~26500	---	-48.279	<=-22.118	PASS
11G	Ant1	2412	Reference	2.28	2.28	---	PASS
			30~1000	---	-62.276	<=-27.72	PASS
			1000~26500	---	-50.184	<=-27.72	PASS
		2437	Reference	2.20	2.20	---	PASS
			30~1000	---	-61.721	<=-27.797	PASS
			1000~26500	---	-49.92	<=-27.797	PASS
		2462	Reference	1.41	1.41	---	PASS
			30~1000	---	-62.003	<=-28.587	PASS
			1000~26500	---	-48.534	<=-28.587	PASS
11N20SISO	Ant1	2412	Reference	2.86	2.86	---	PASS
			30~1000	---	-61.759	<=-27.138	PASS
			1000~26500	---	-48.64	<=-27.138	PASS
		2437	Reference	2.45	2.45	---	PASS
			30~1000	---	-63.19	<=-27.554	PASS
			1000~26500	---	-49.473	<=-27.554	PASS
		2462	Reference	0.96	0.96	---	PASS
			30~1000	---	-61.859	<=-29.042	PASS
			1000~26500	---	-48.532	<=-29.042	PASS
11N40SISO	Ant1	2422	Reference	-4.73	-4.73	---	PASS
			30~1000	---	-61.965	<=-34.73	PASS
			1000~26500	---	-45.645	<=-34.73	PASS
		2437	Reference	-5.32	-5.32	---	PASS
			30~1000	---	-62.721	<=-35.317	PASS
			1000~26500	---	-45.86	<=-35.317	PASS
		2452	Reference	-6.18	-6.18	---	PASS
			30~1000	---	-62.373	<=-36.18	PASS
			1000~26500	---	-44.792	<=-36.18	PASS

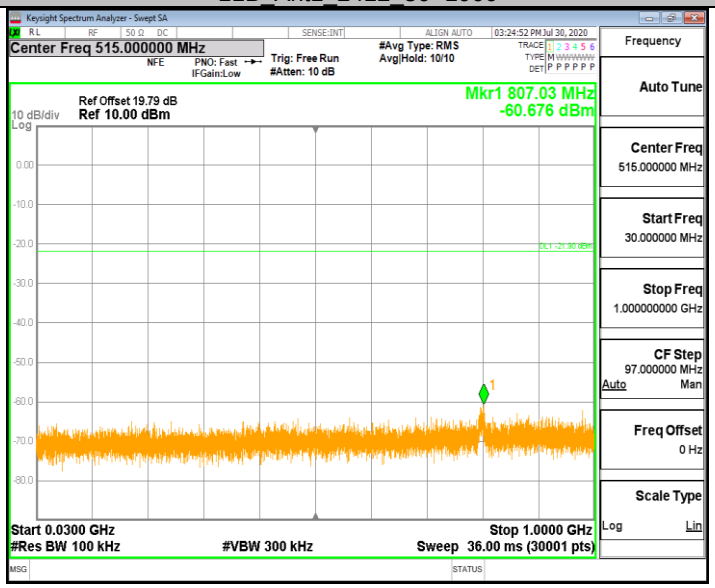
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11.7.2. Test Graphs

11B_Ant1_2412_0~Reference

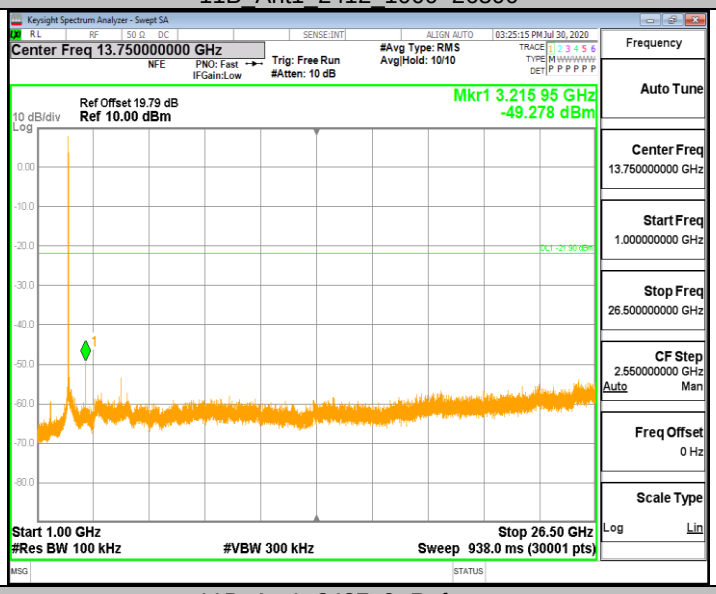


11B_Ant1_2412_30~1000

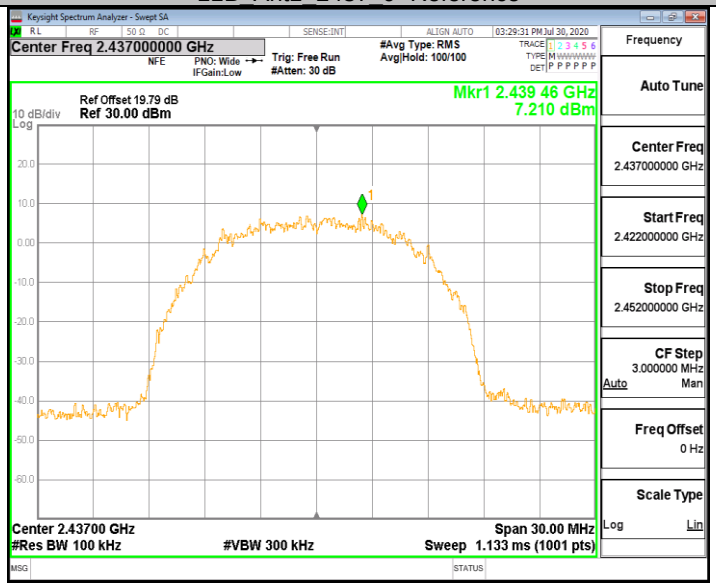


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2412_1000~26500

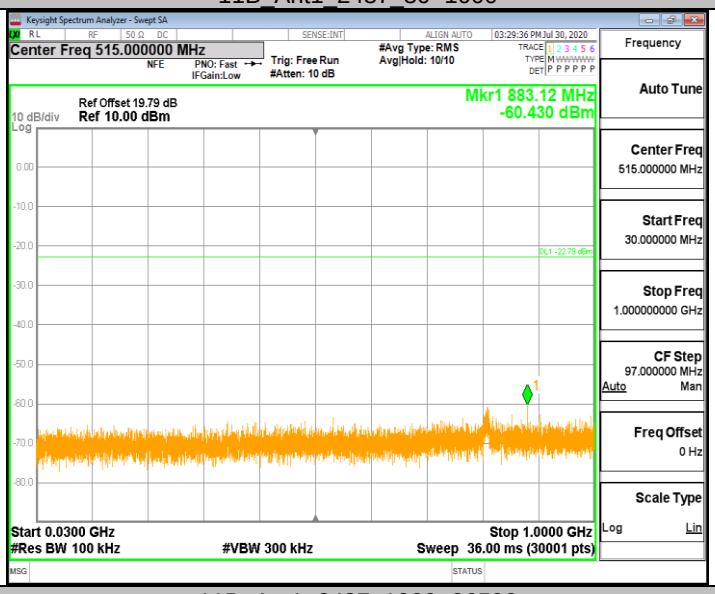


11B_Ant1_2437_0~Reference

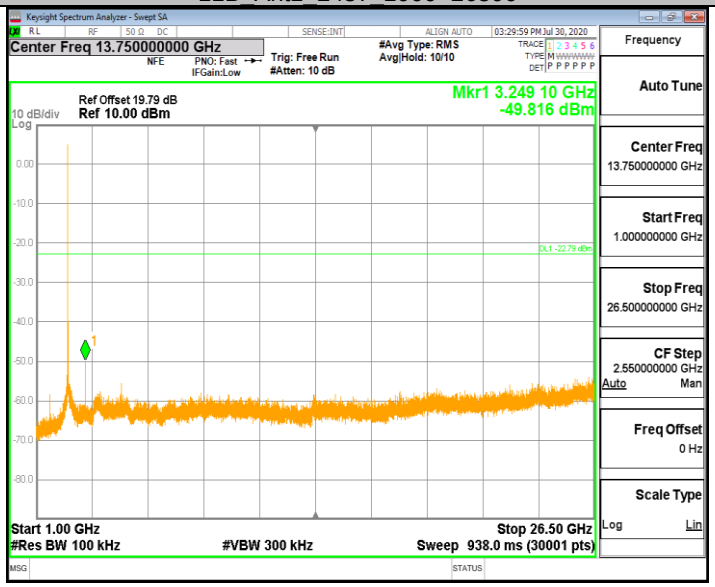


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2437_30~1000

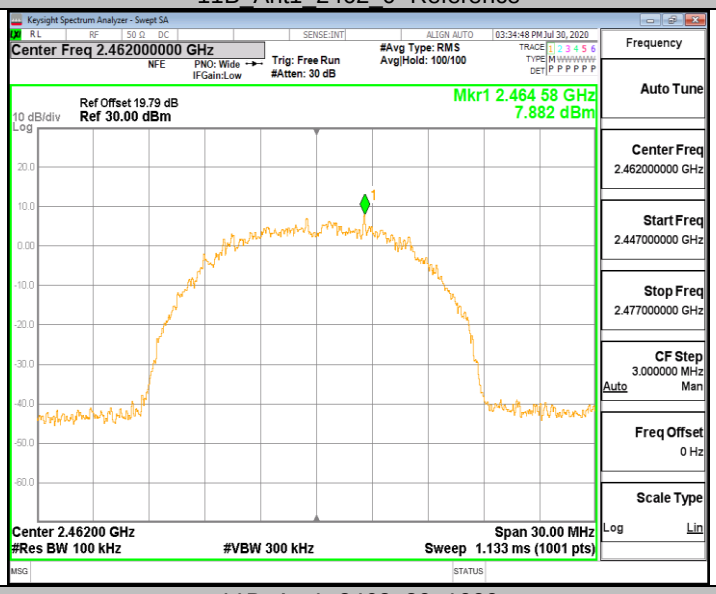


11B_Ant1_2437_1000~26500

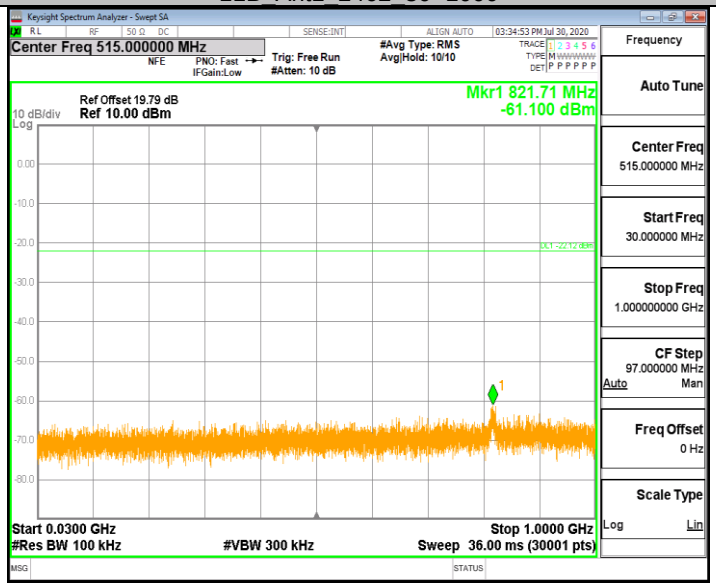


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2462_0~Reference

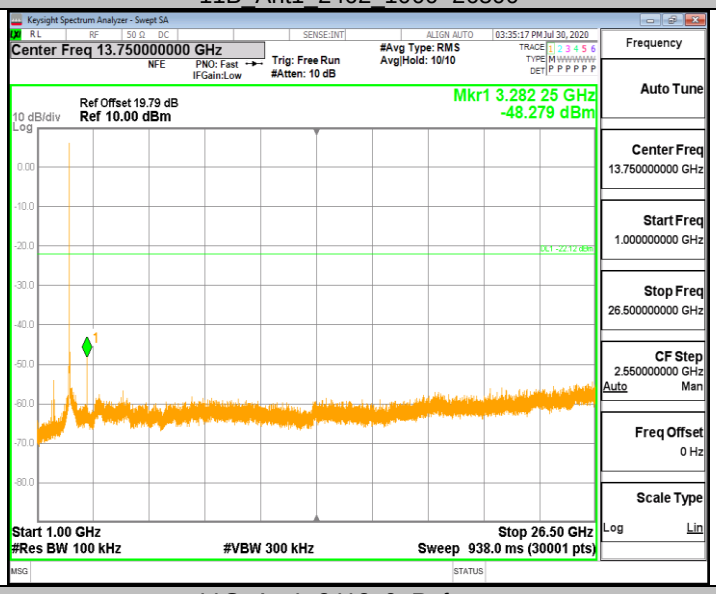


11B_Ant1_2462_30~1000

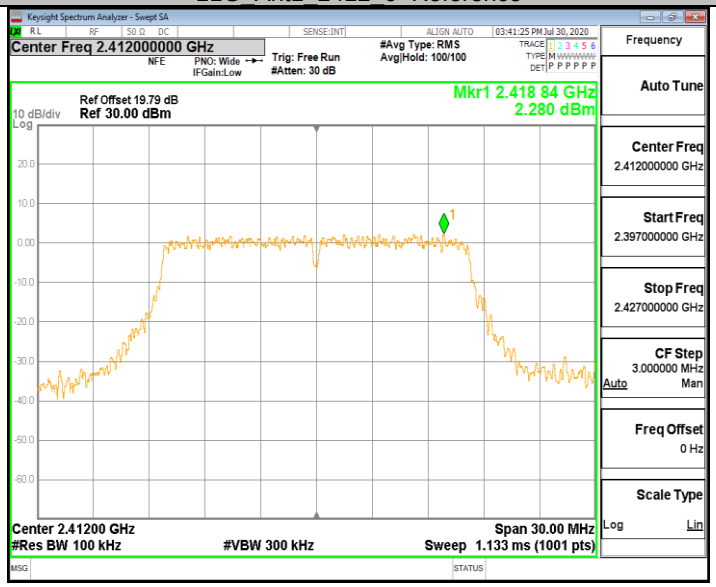


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11B_Ant1_2462_1000~26500

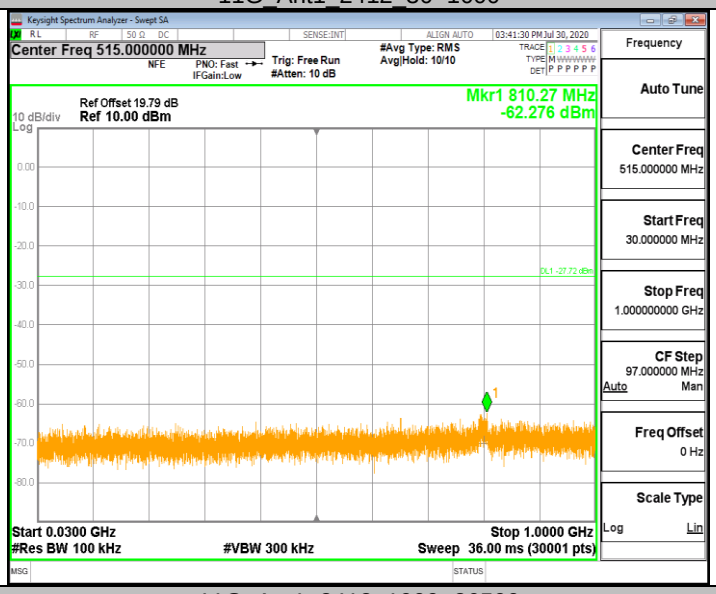


11G_Ant1_2412_0~Reference

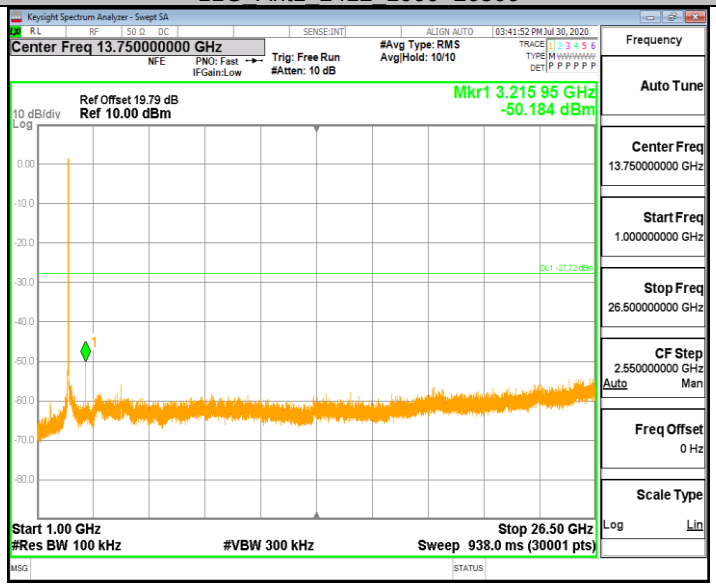


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2412_30~1000

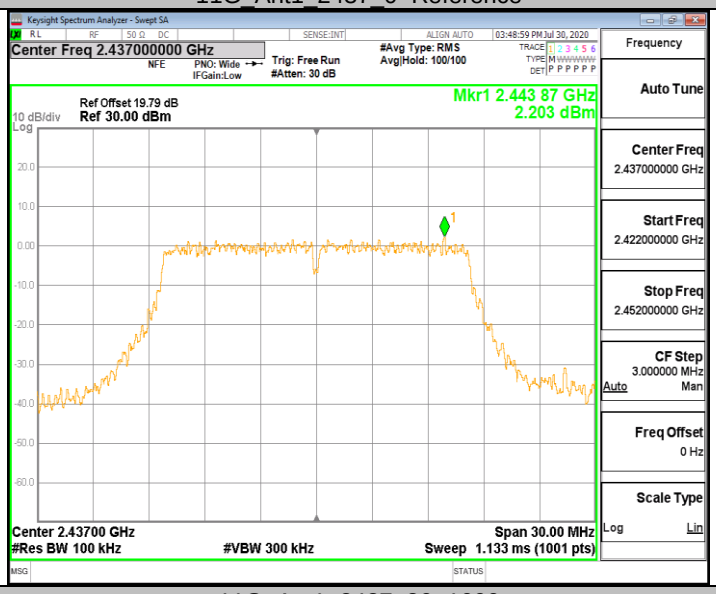


11G_Ant1_2412_1000~26500

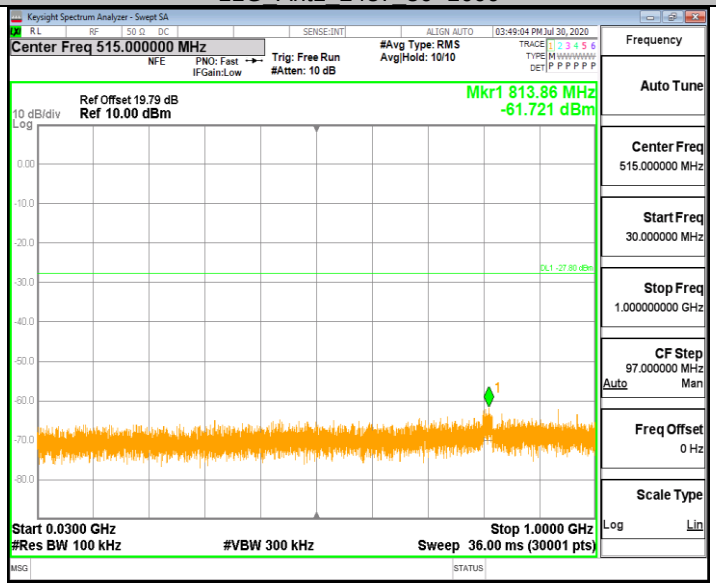


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2437_0~Reference

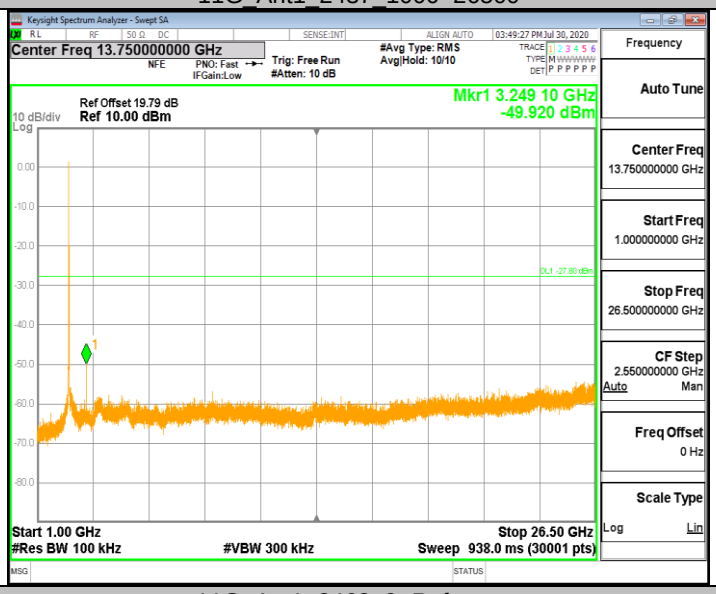


11G_Ant1_2437_30~1000

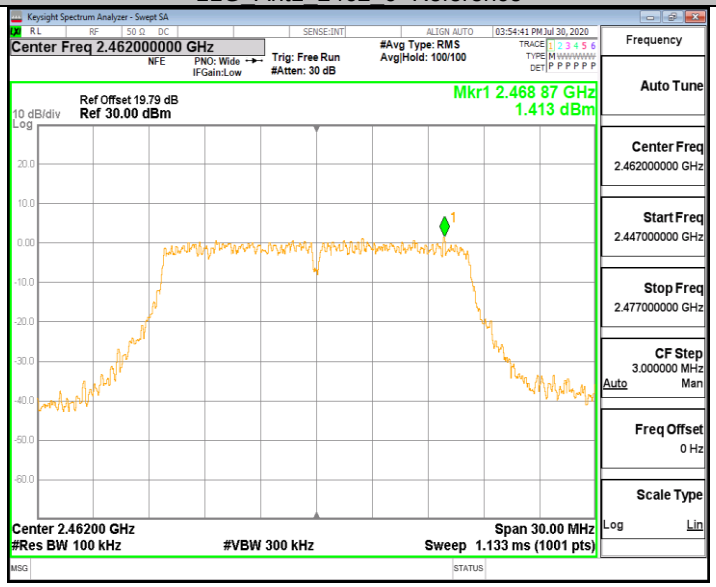


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2437_1000~26500

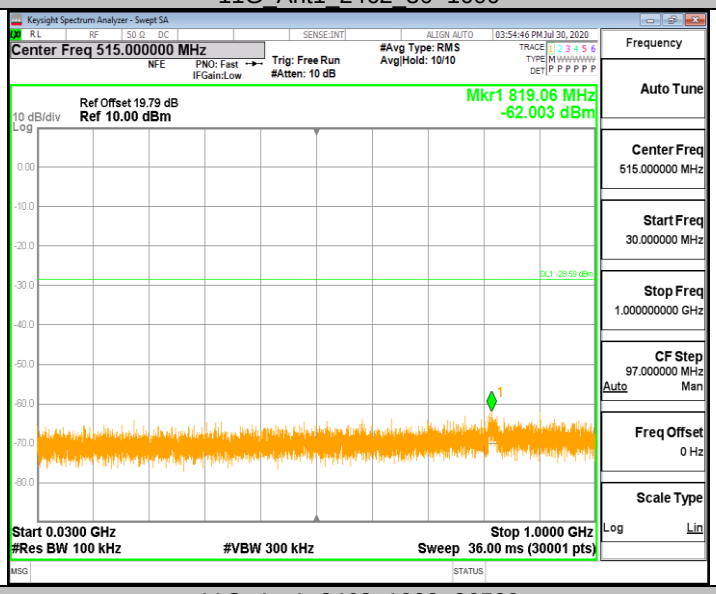


11G_Ant1_2462_0~Reference

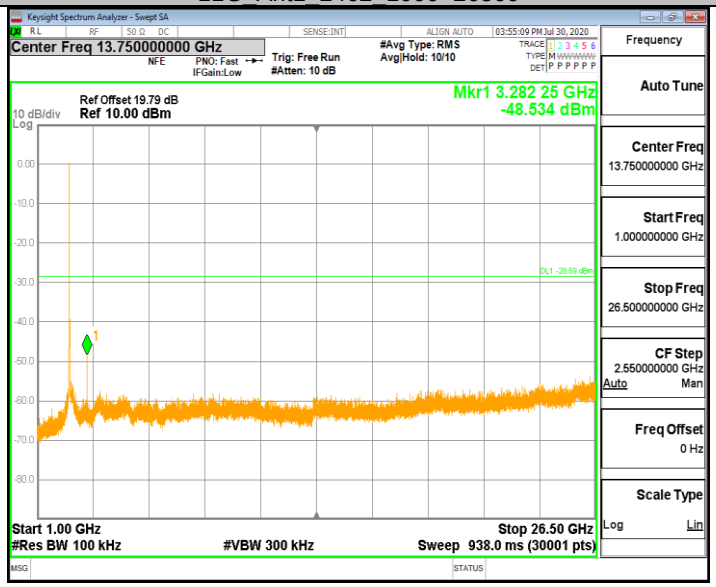


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11G_Ant1_2462_30~1000

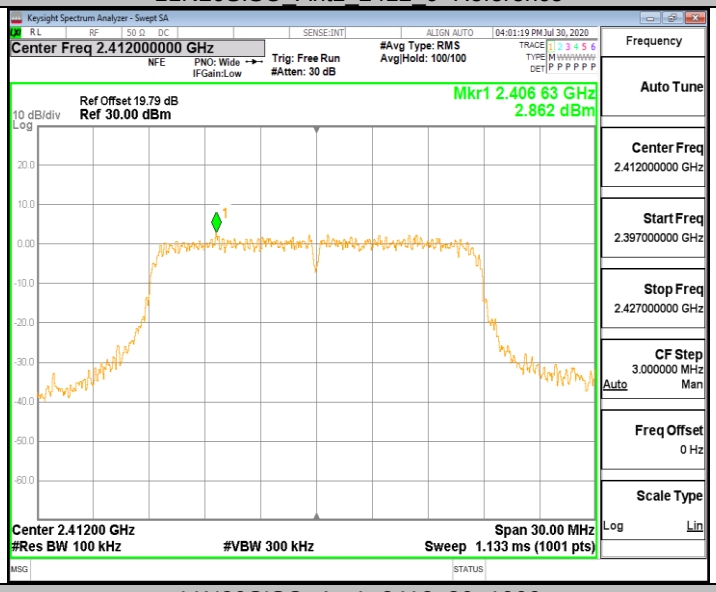


11G_Ant1_2462_1000~26500

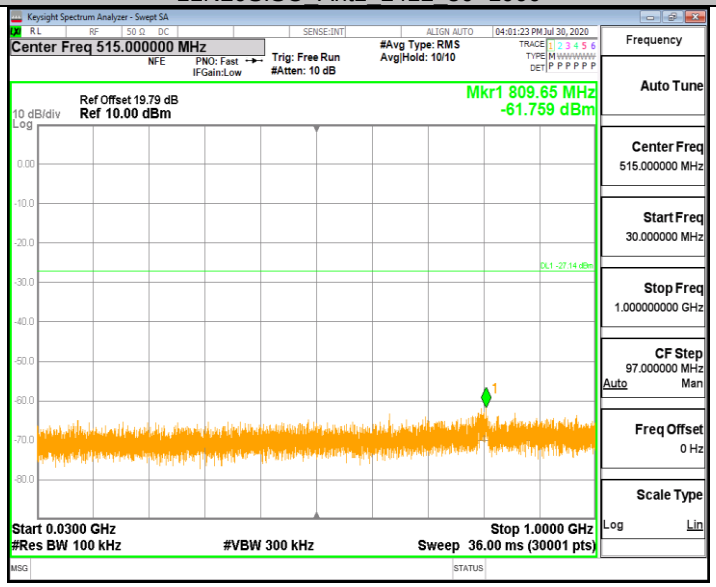


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2412_0~Reference

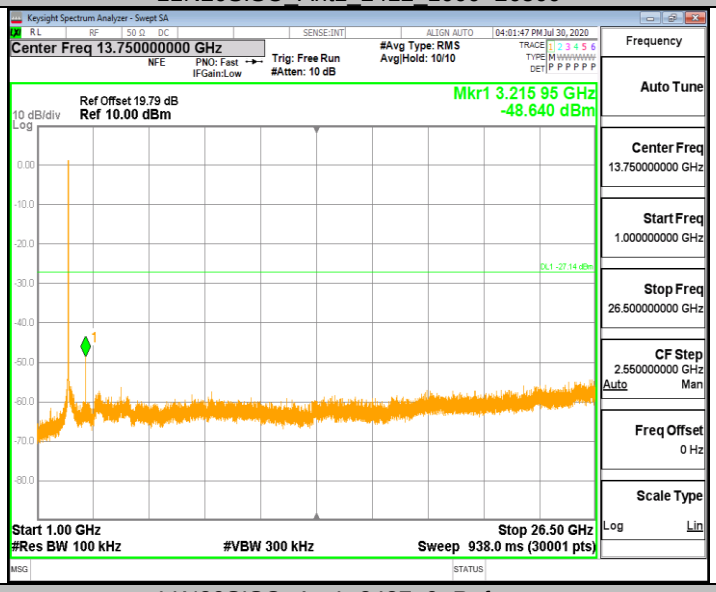


11N20SISO_Ant1_2412_30~1000

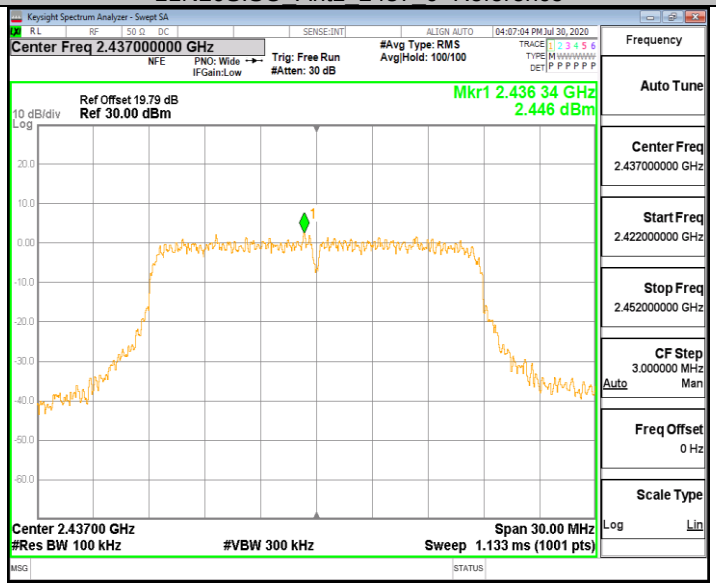


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2412_1000~26500

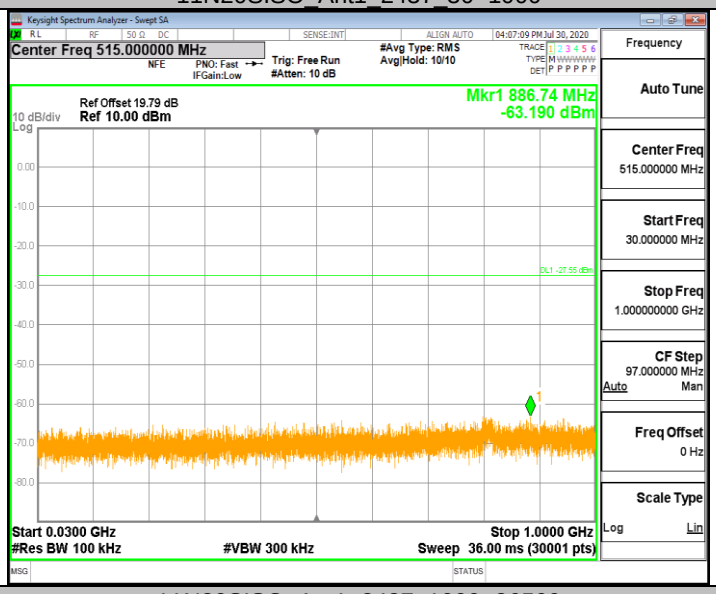


11N20SISO_Ant1_2437_0~Reference

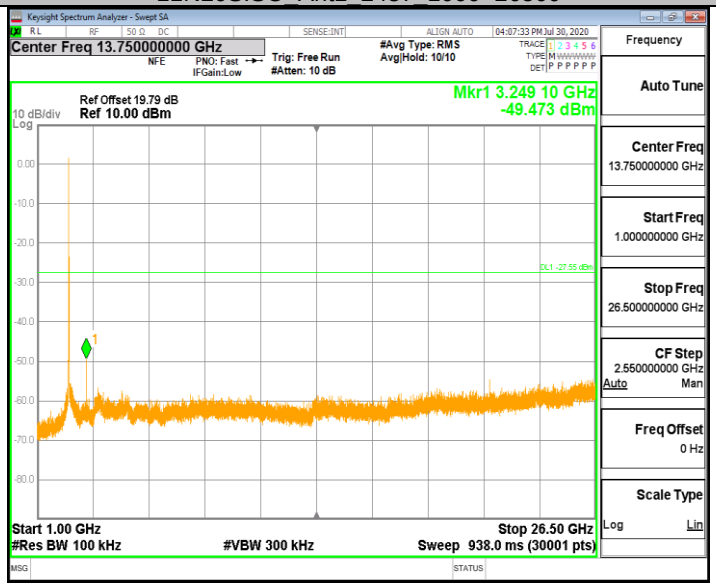


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2437_30~1000

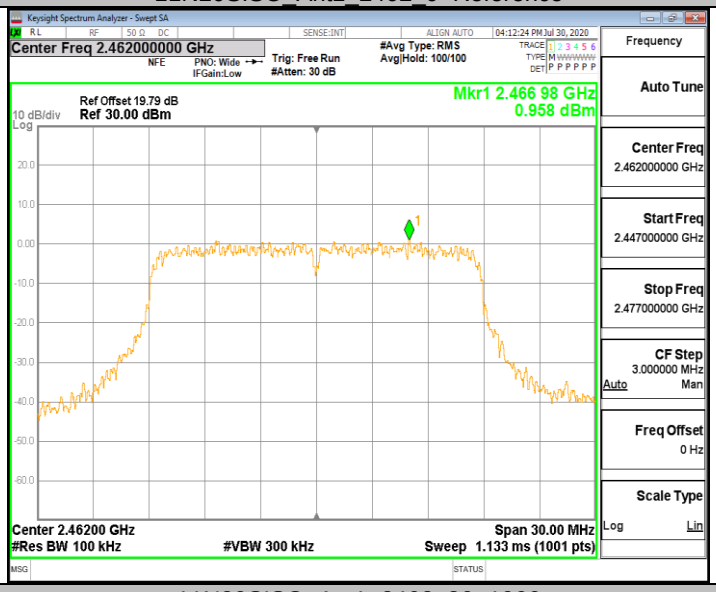


11N20SISO_Ant1_2437_1000~26500

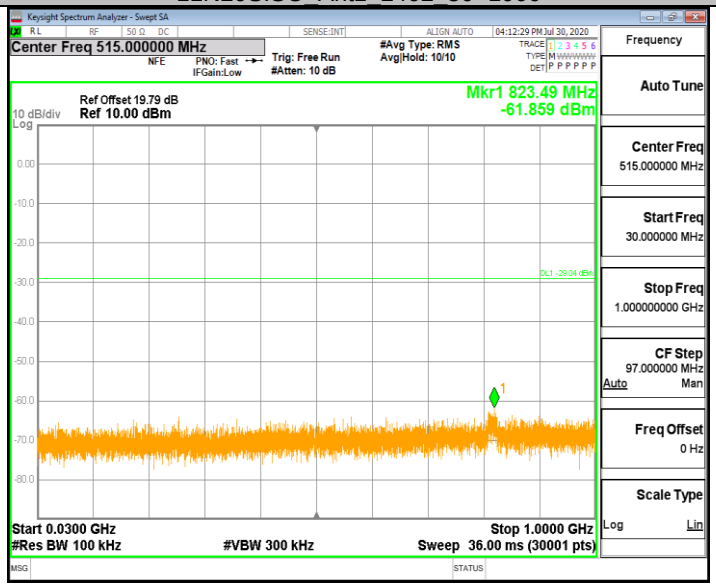


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2462_0~Reference

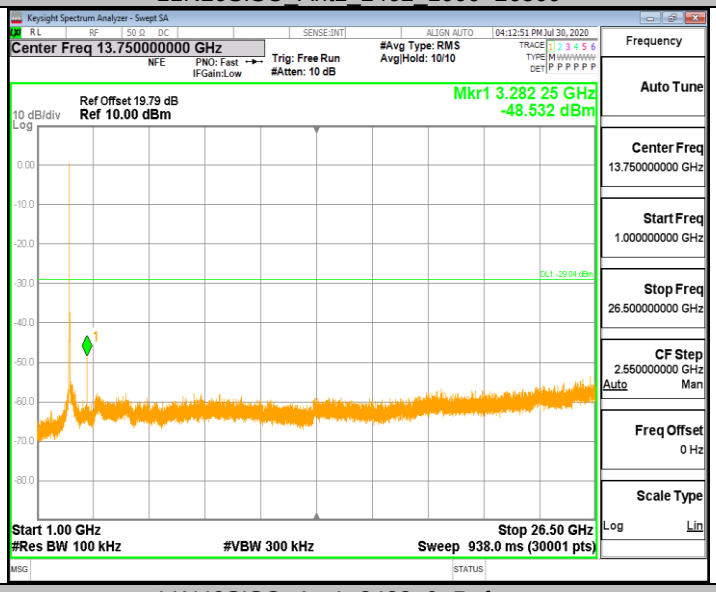


11N20SISO_Ant1_2462_30~1000

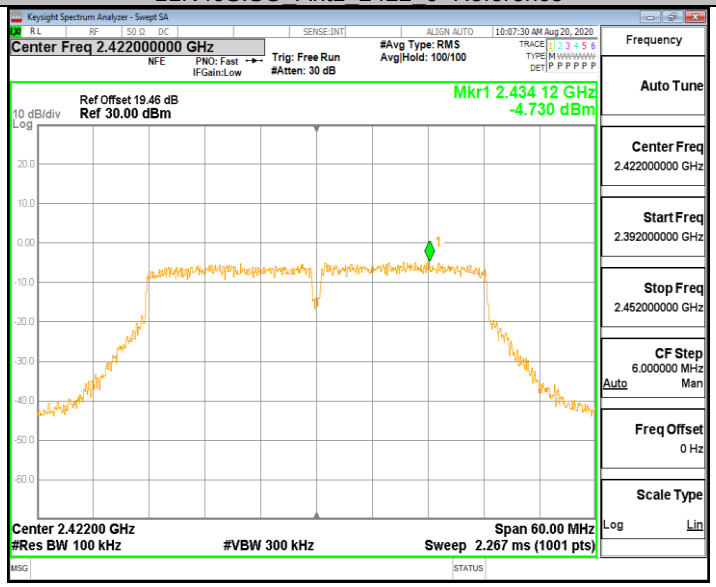


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N20SISO_Ant1_2462_1000~26500

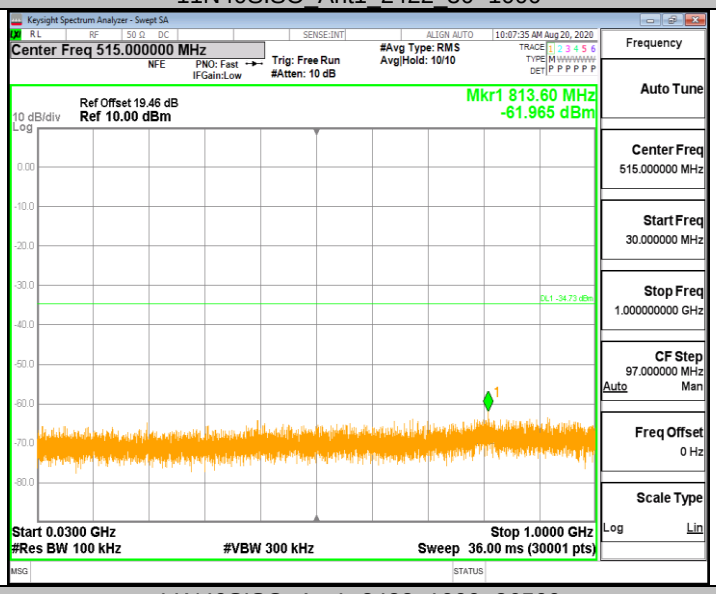


11N40SISO_Ant1_2422_0~Reference

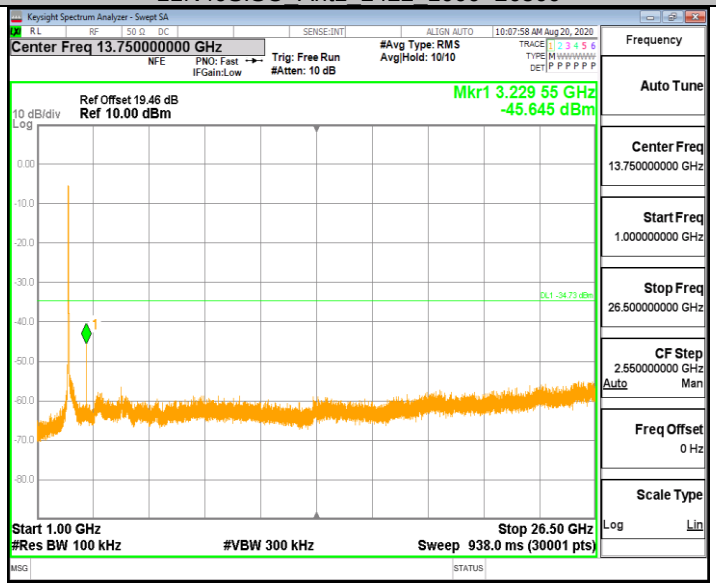


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2422_30~1000

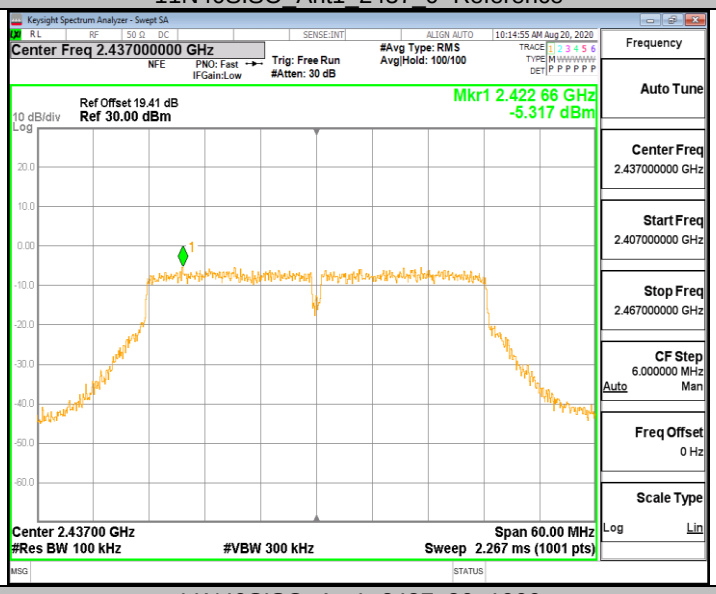


11N40SISO_Ant1_2422_1000~26500

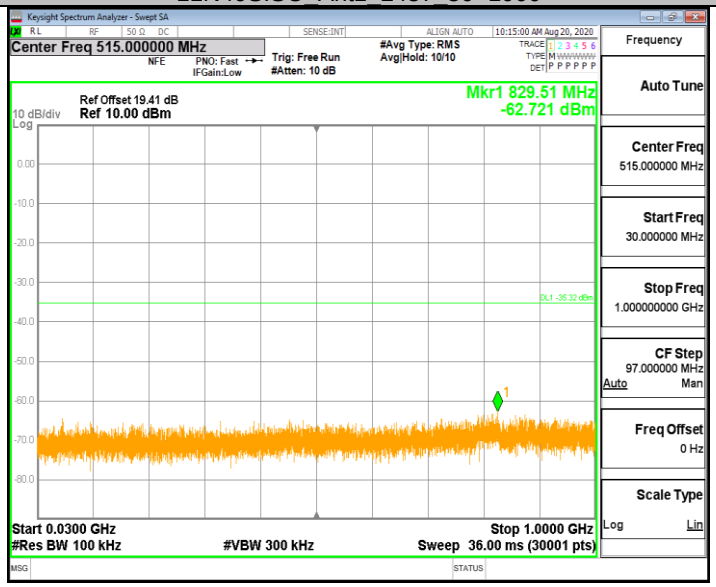


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2437_0~Reference

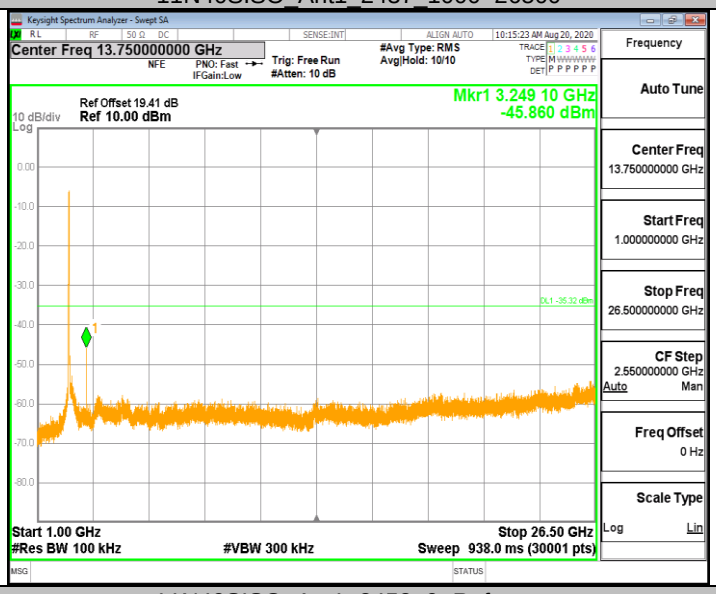


11N40SISO_Ant1_2437_30~1000

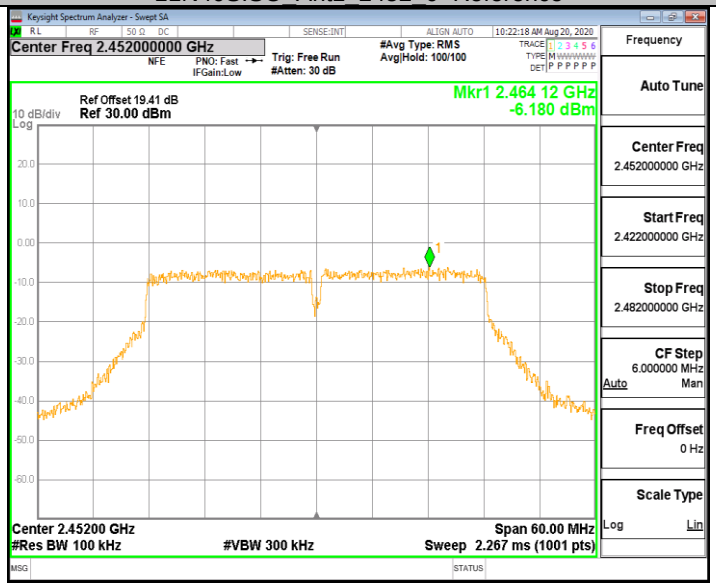


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

11N40SISO_Ant1_2437_1000~26500

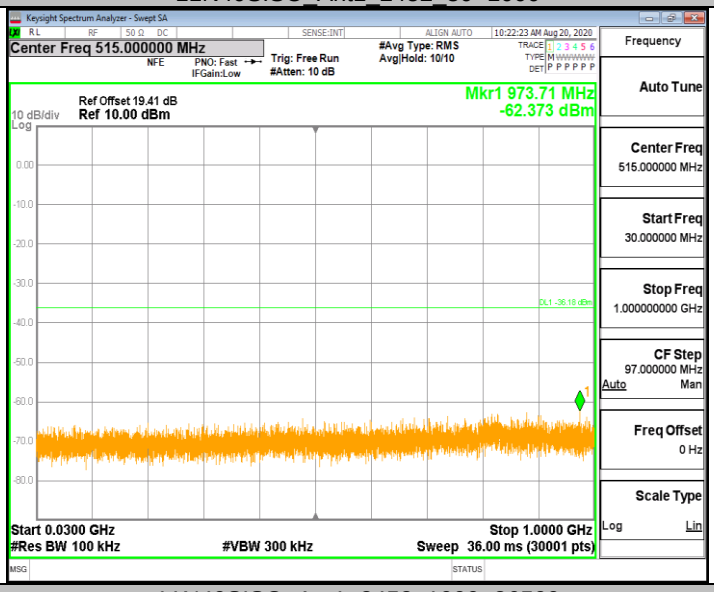


11N40SISO_Ant1_2452_0~Reference

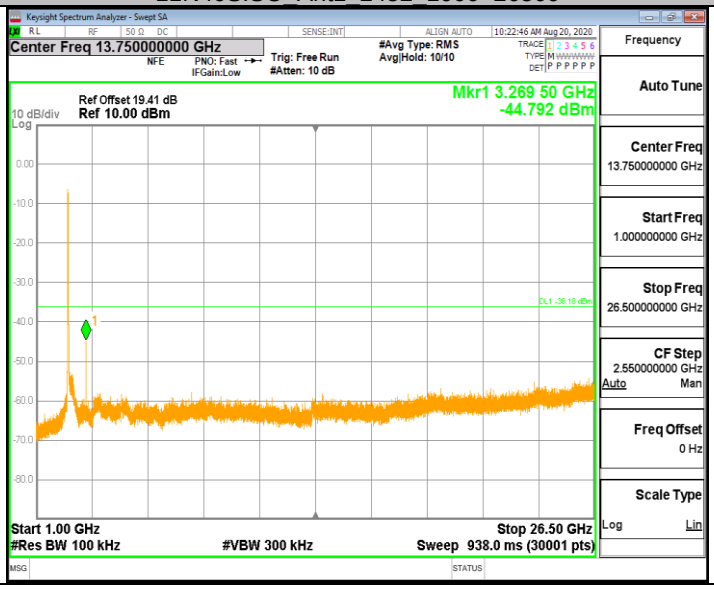


This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

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.