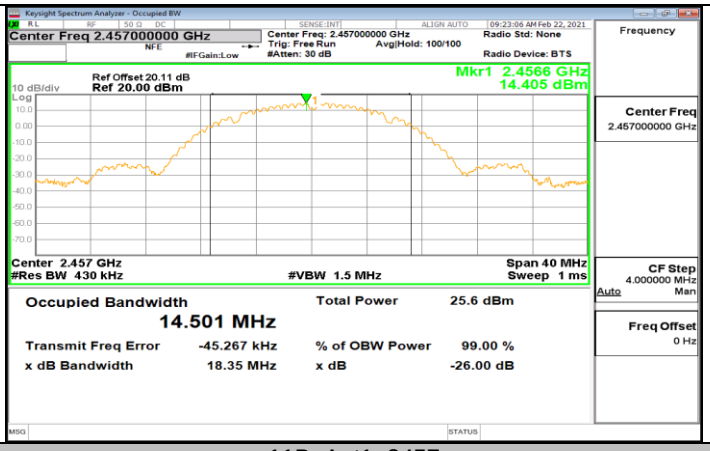
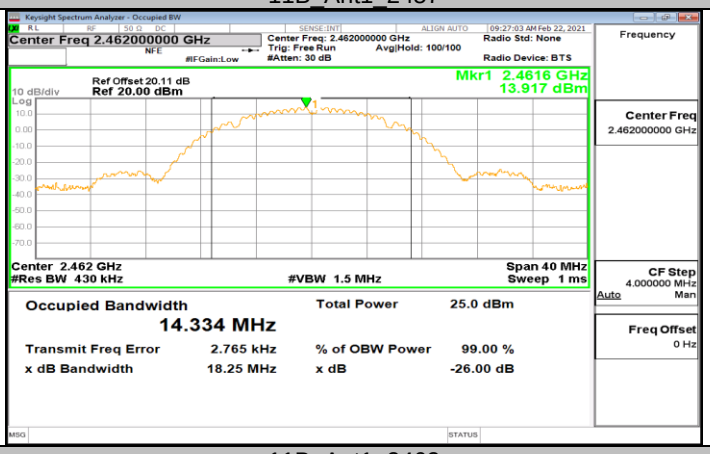
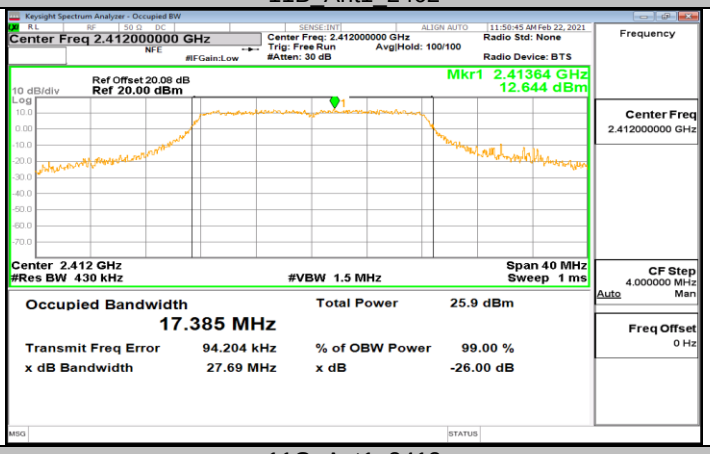


11B_Ant1_2457

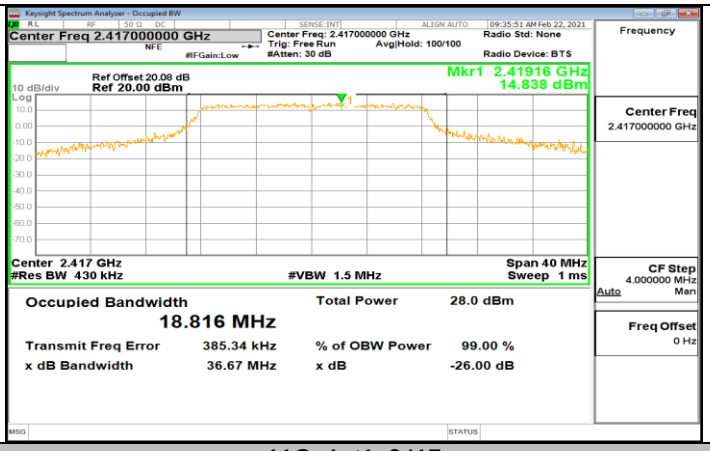


11B_Ant1_2462

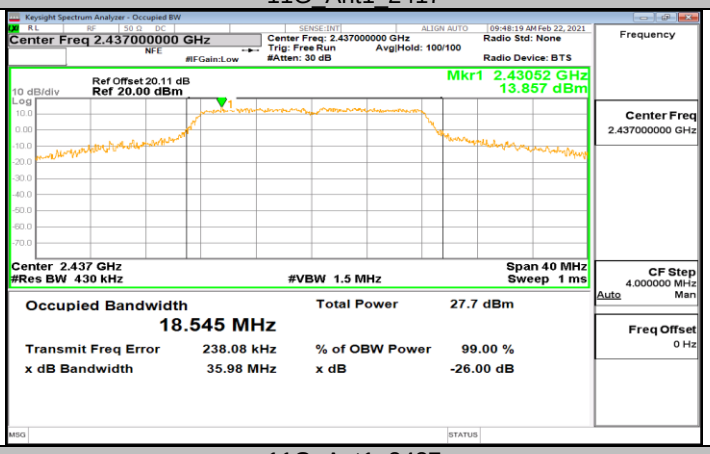


11G_Ant1_2412

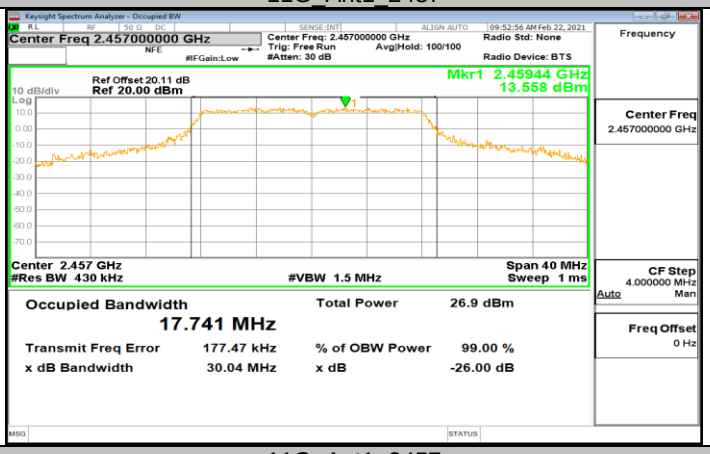
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant1_2417

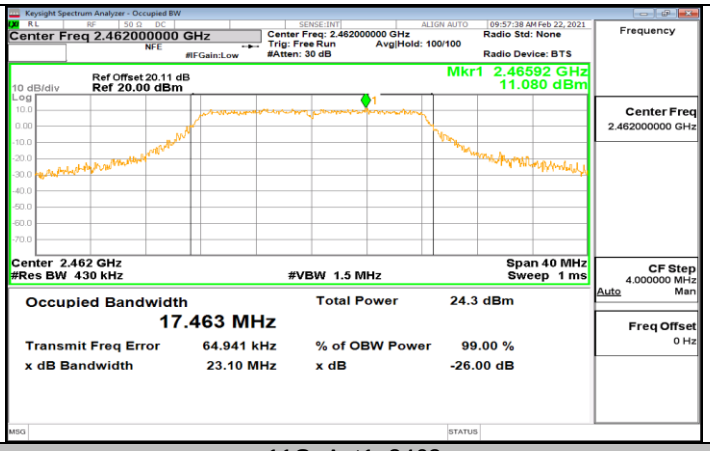


11G_Ant1_2437

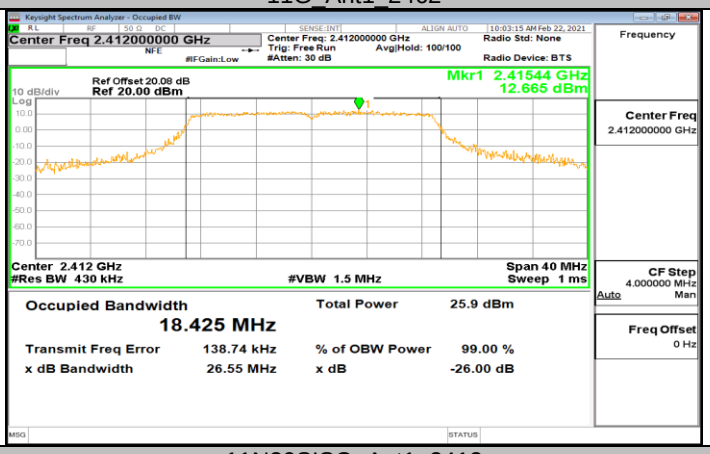


11G_Ant1_2457

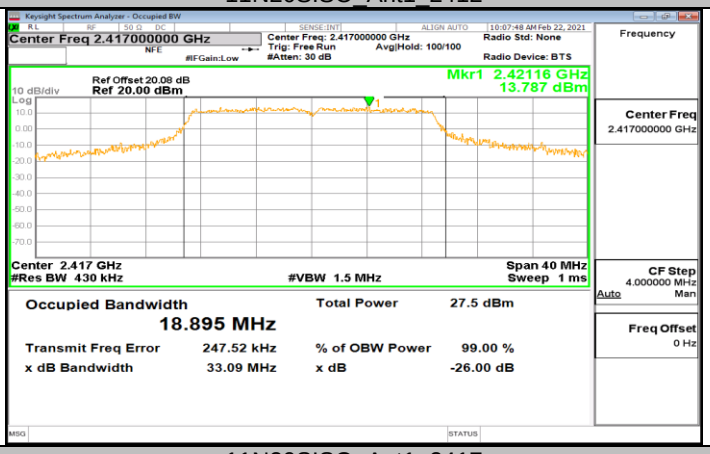
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant1_2462

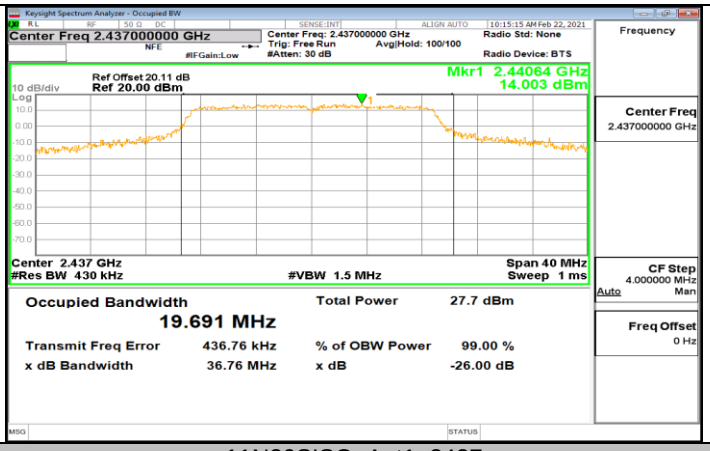


11N20SISO_Ant1_2412

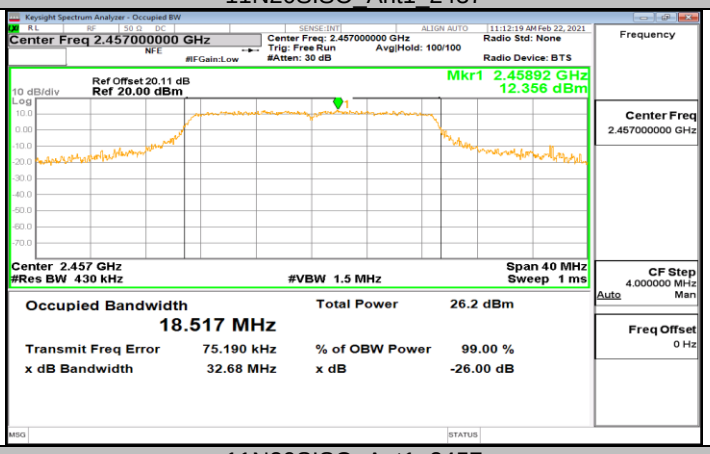


11N20SISO_Ant1_2417

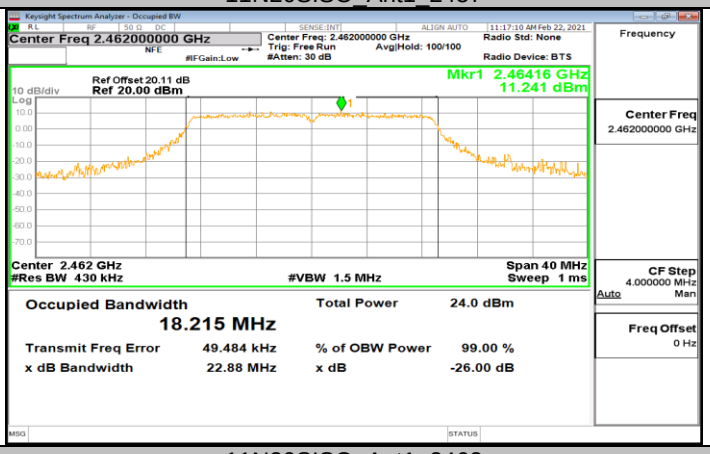
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_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.

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	19.63	<=30	PASS
		2417	21.92	<=30	PASS
		2437	19.81	<=30	PASS
		2457	22.53	<=30	PASS
		2462	22.03	<=30	PASS
11G	Ant1	2412	19.82	<=30	PASS
		2417	21.93	<=30	PASS
		2437	21.67	<=30	PASS
		2457	20.76	<=30	PASS
		2462	18.34	<=30	PASS
11N20SISO	Ant1	2412	19.72	<=30	PASS
		2417	21.34	<=30	PASS
		2437	21.56	<=30	PASS
		2457	20.24	<=30	PASS
		2462	18.05	<=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.

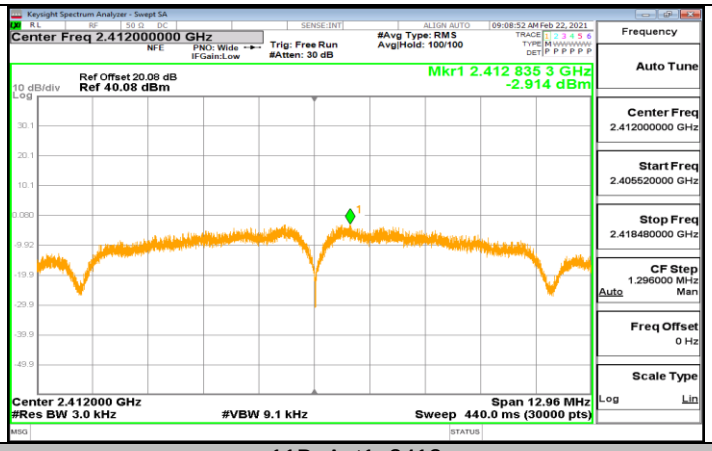
11.4. Appendix D: Maximum power spectral density

11.4.1. Test Result

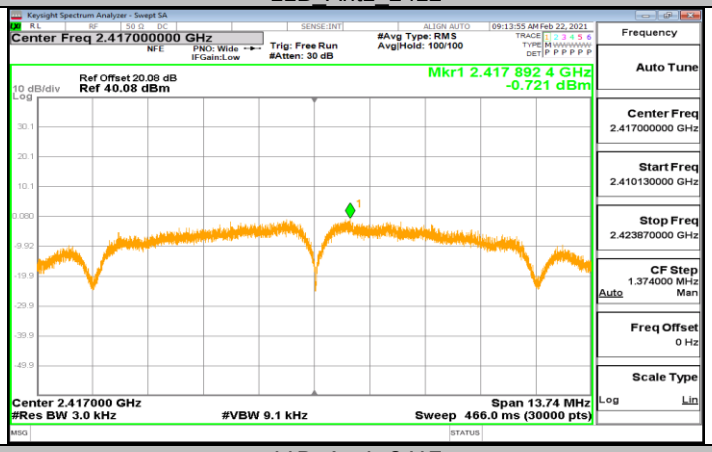
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.91	<=8	PASS
		2417	-0.72	<=8	PASS
		2437	-1.64	<=8	PASS
		2457	0.73	<=8	PASS
		2462	-0.35	<=8	PASS
11G	Ant1	2412	-5.59	<=8	PASS
		2417	-3.03	<=8	PASS
		2437	-3.53	<=8	PASS
		2457	-4.47	<=8	PASS
		2462	-6.66	<=8	PASS
11N20SISO	Ant1	2412	-5.43	<=8	PASS
		2417	-4.77	<=8	PASS
		2437	-3.96	<=8	PASS
		2457	-6.01	<=8	PASS
		2462	-8.14	<=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.

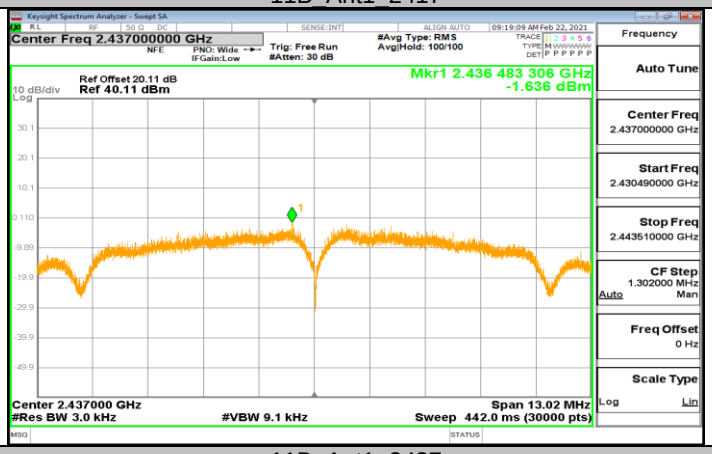
11.4.2. Test Graphs



11B_Ant1_2412

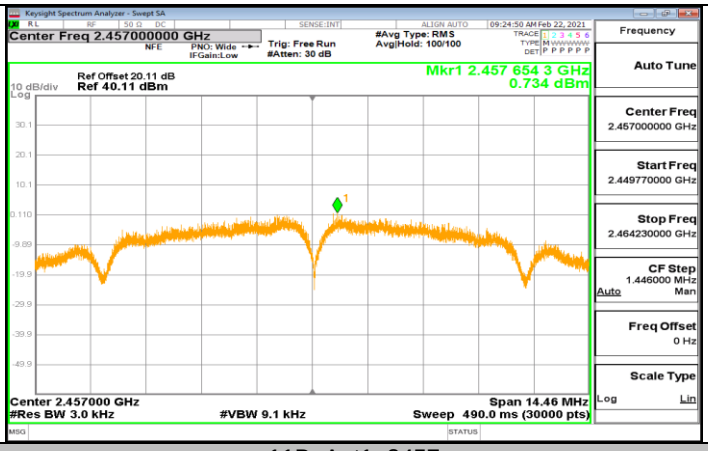


11B_Ant1_2417

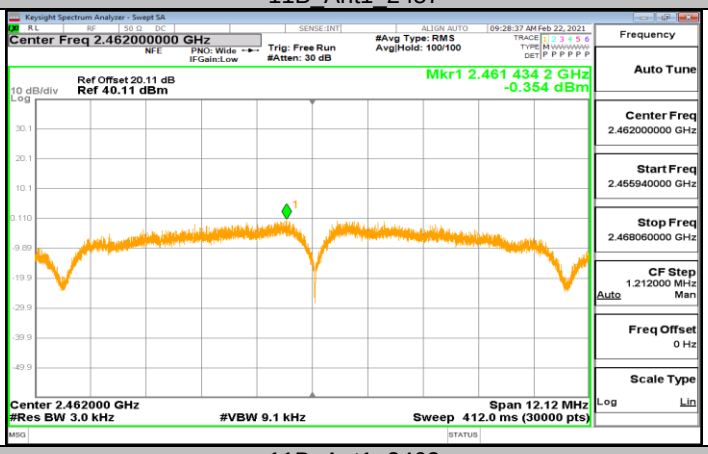


11B_Ant1_2437

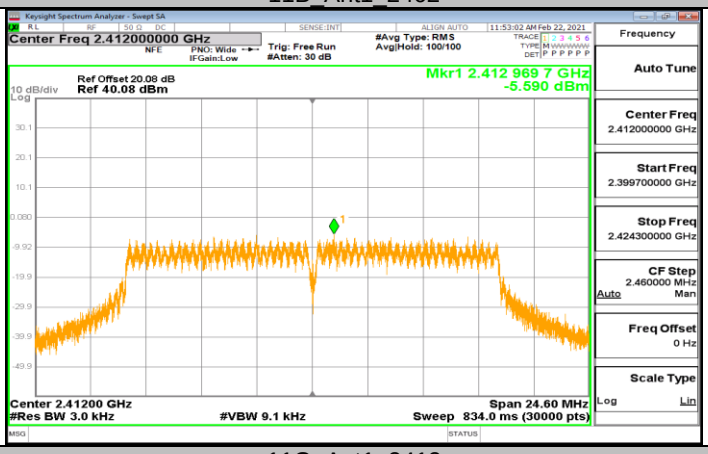
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant1_2457

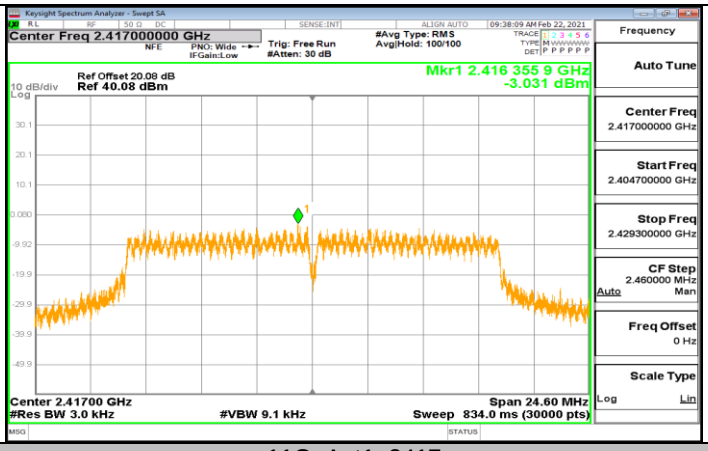


11B_Ant1_2462

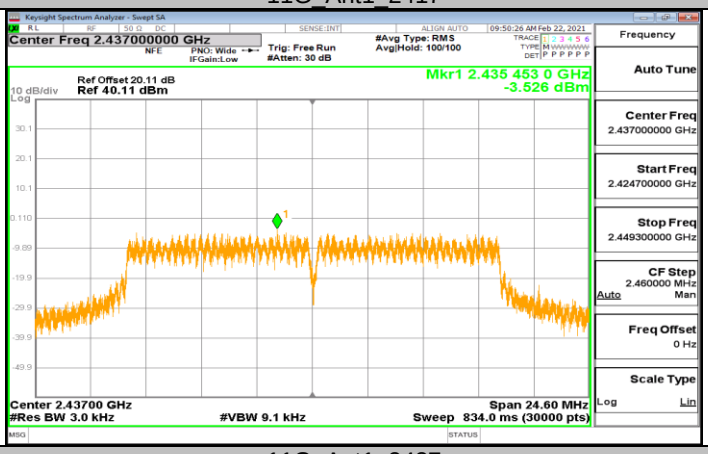


11G_Ant1_2412

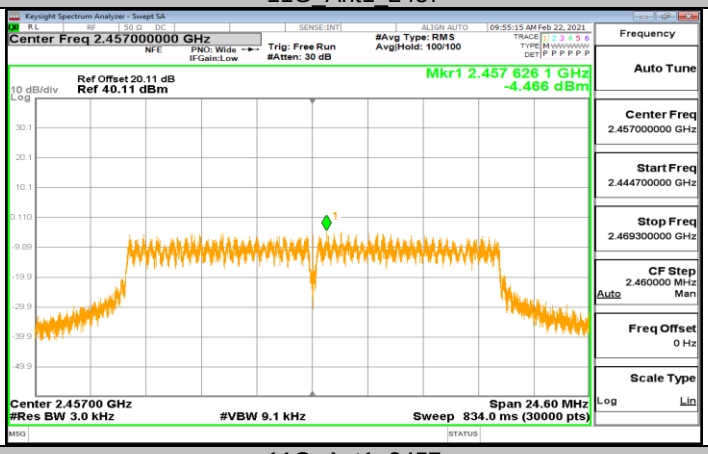
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant1_2417

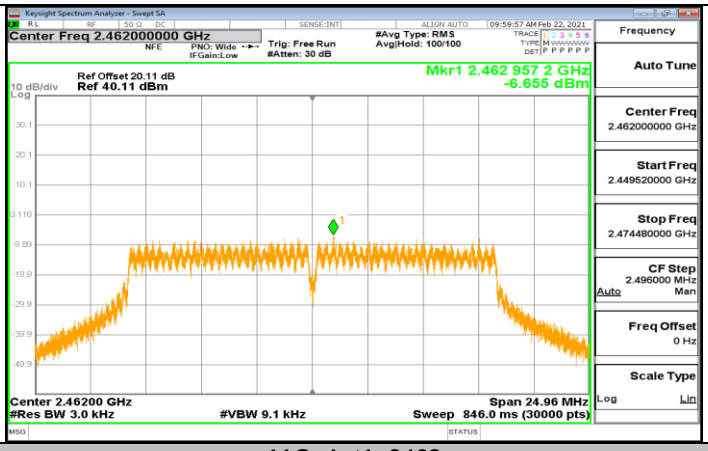


11G_Ant1_2437

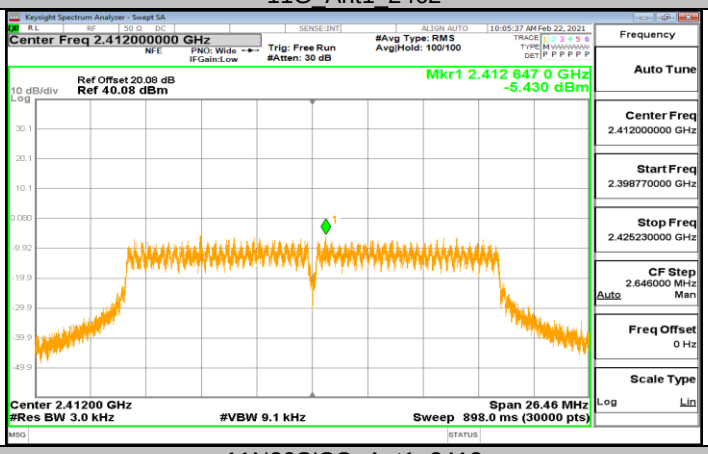


11G_Ant1_2457

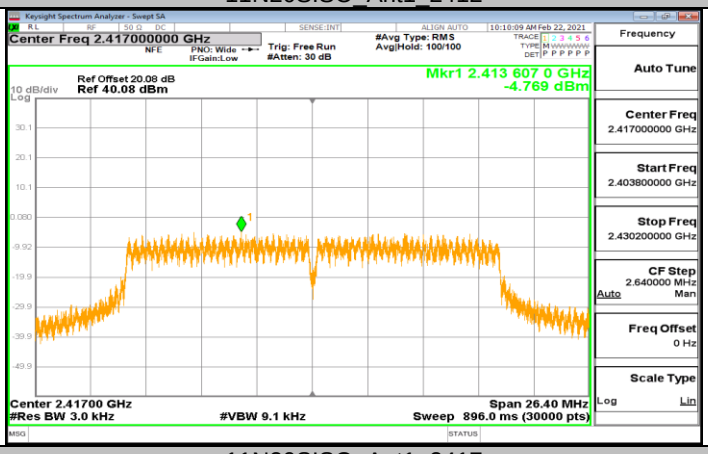
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant1_2462

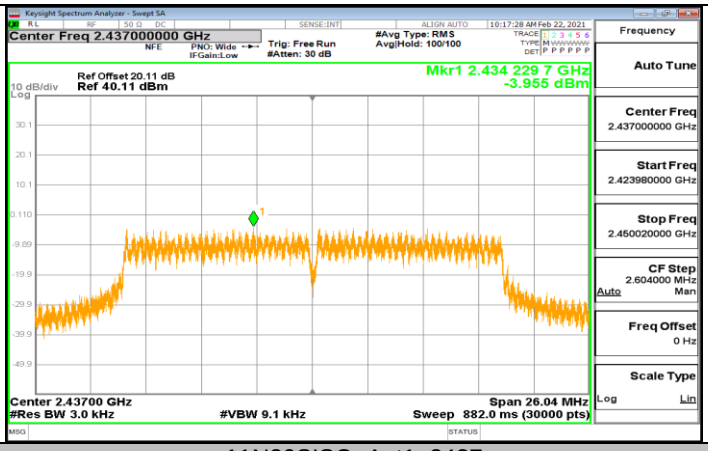


11N20SISO_Ant1_2412

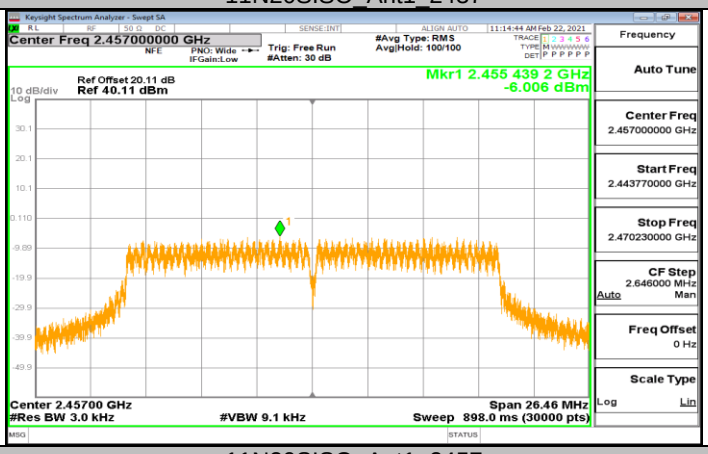


11N20SISO_Ant1_2417

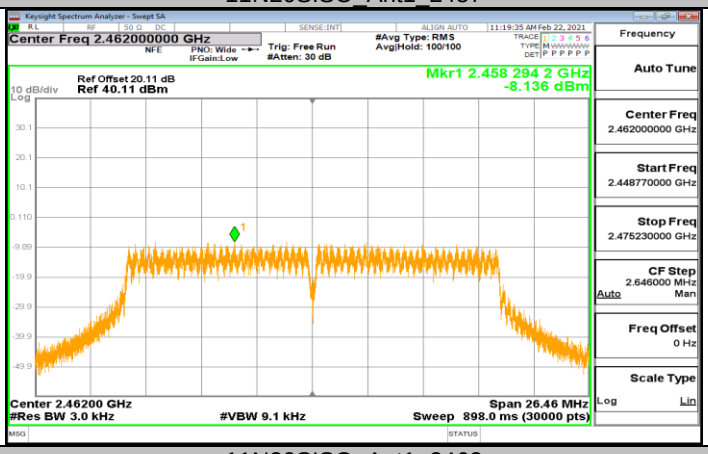
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20SISO_Ant1_2437



11N20SISO_Ant1_2457



11N20SISO_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.

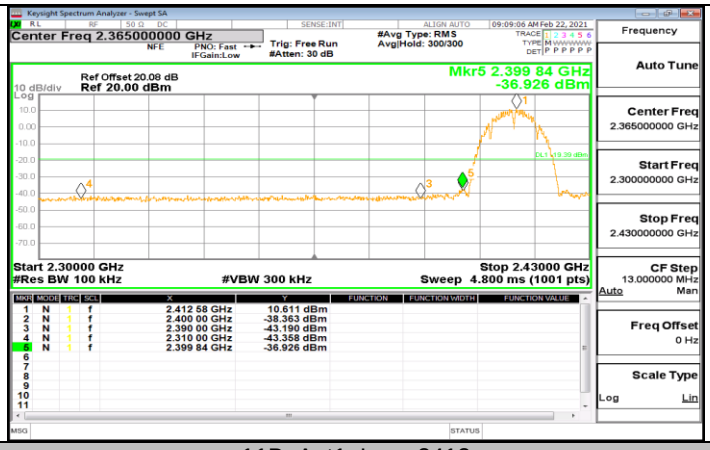
11.5. Appendix E: Band edge measurements

11.5.1. Test Result

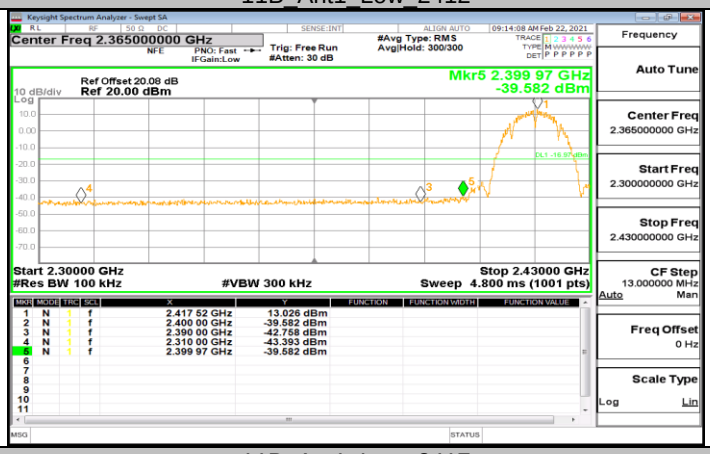
Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.61	-36.93	<=-19.39	PASS
			2417	13.03	-39.58	<=-16.97	PASS
		High	2457	13.74	-38.72	<=-16.26	PASS
			2462	13.07	-38.38	<=-16.93	PASS
11G	Ant1	Low	2412	8.46	-21.92	<=-21.54	PASS
			2417	10.65	-20.31	<=-19.35	PASS
		High	2457	9.20	-35.46	<=-20.81	PASS
			2462	6.91	-36.39	<=-23.09	PASS
11N20SISO	Ant1	Low	2412	8.39	-22.66	<=-21.61	PASS
			2417	10.18	-20.66	<=-19.83	PASS
		High	2457	9.05	-36.46	<=-20.95	PASS
			2462	6.52	-34.37	<=-23.48	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.

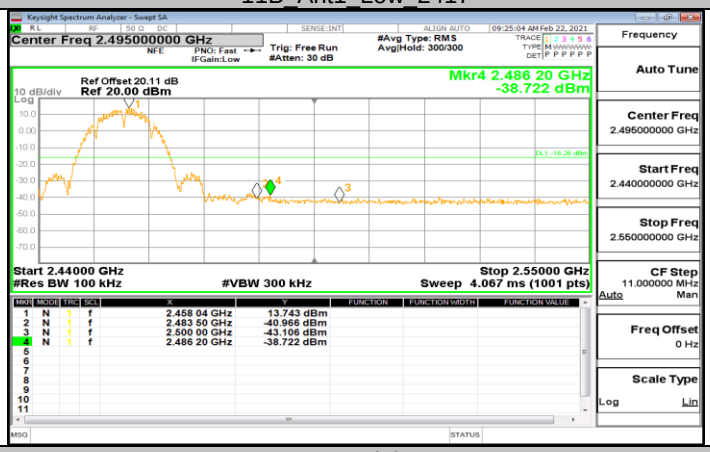
11.5.2. Test Graphs



11B_Ant1_Low_2412

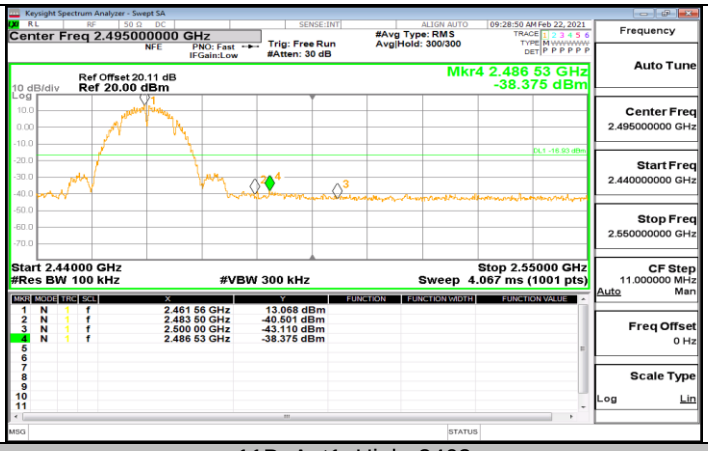


11B_Ant1_Low_2417

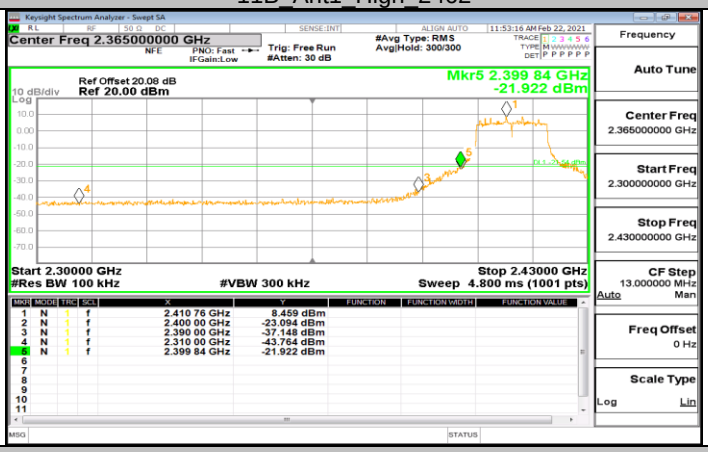


11B_Ant1_High_2457

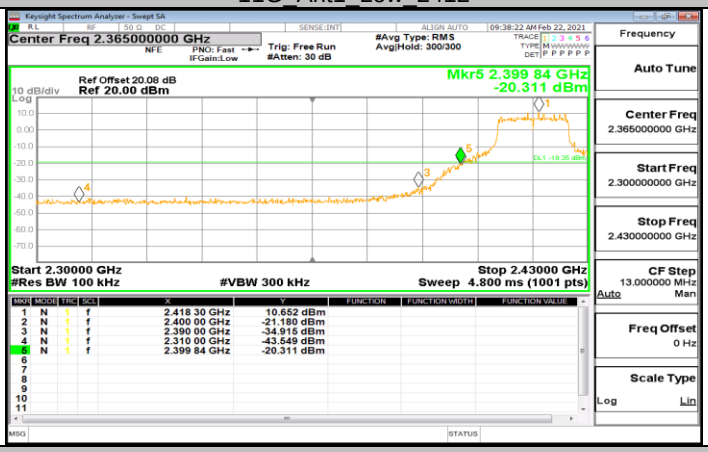
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant1_High_2462

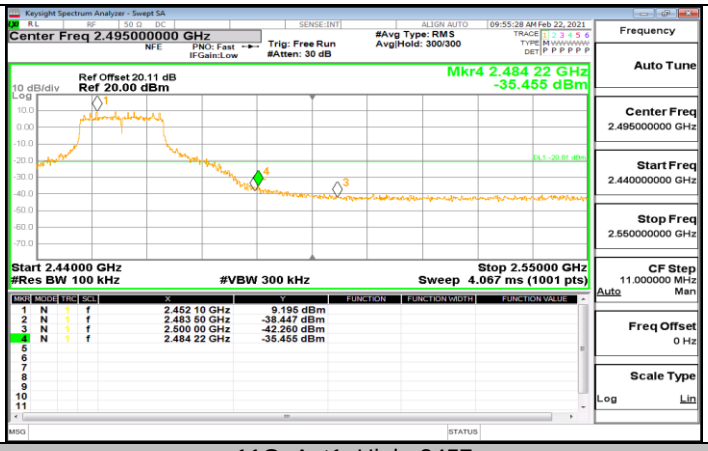


11G_Ant1_Low_2412

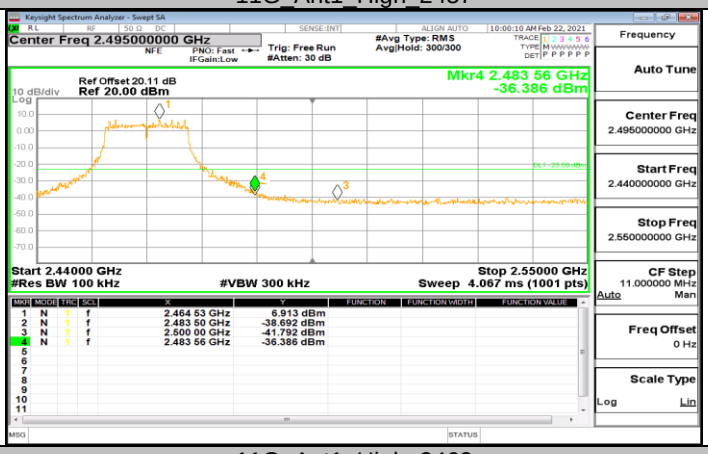


11G_Ant1_Low_2417

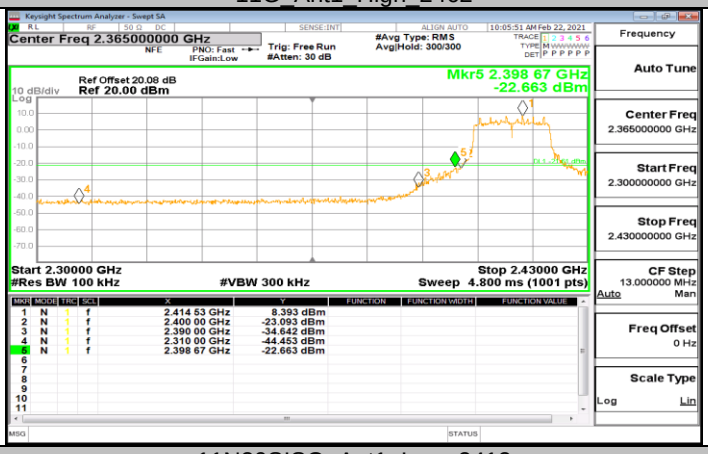
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant1_High_2457

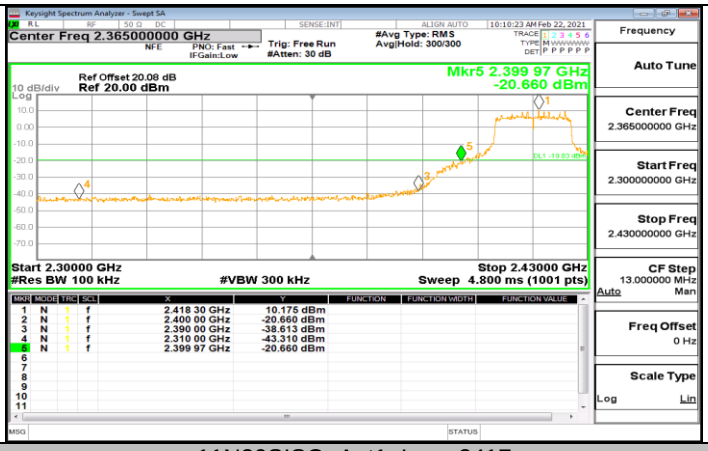


11G_Ant1_High_2462

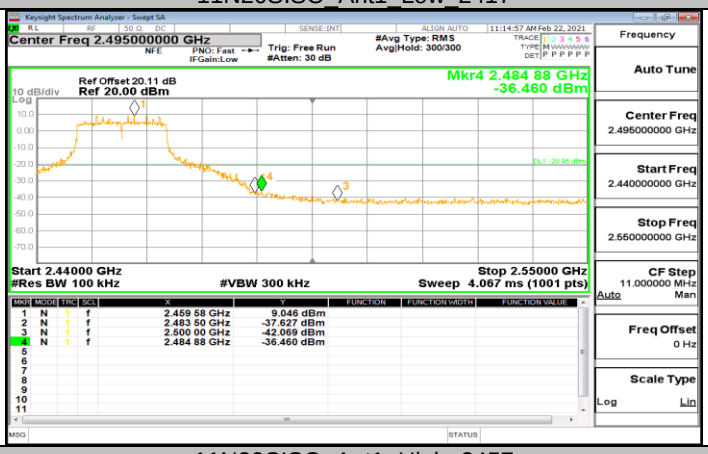


11N20SISO_Ant1_Low_2412

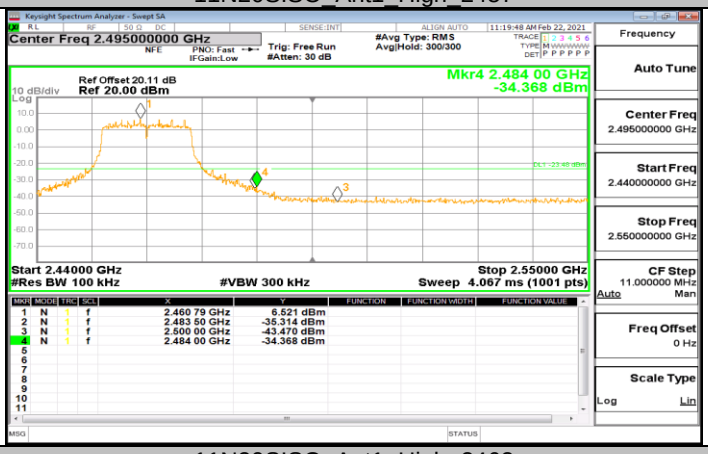
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11N20SISO_Ant1_Low_2417



11N20SISO_Ant1_High_2457



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.

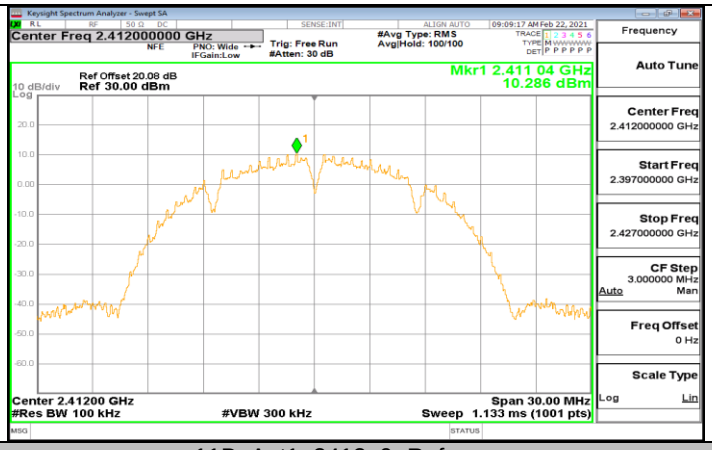
11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

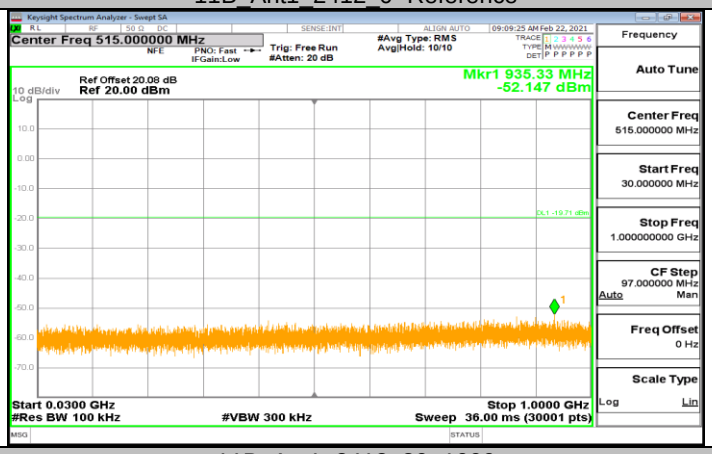
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	10.29	10.29	---	PASS
			30~1000	---	-52.15	<=-19.71	PASS
			1000~26500	---	-44.21	<=-19.71	PASS
		2417	Reference	13.17	13.17	---	PASS
			30~1000	---	-52.68	<=-16.83	PASS
			1000~26500	---	-44.11	<=-16.83	PASS
		2437	Reference	11.27	11.27	---	PASS
			30~1000	---	-53.35	<=-18.73	PASS
			1000~26500	---	-44.3	<=-18.73	PASS
		2457	Reference	13.62	13.62	---	PASS
			30~1000	---	-52.63	<=-16.38	PASS
			1000~26500	---	-44.04	<=-16.38	PASS
		2462	Reference	13.00	13.00	---	PASS
			30~1000	---	-52.73	<=-17	PASS
			1000~26500	---	-43.38	<=-17	PASS
11G	Ant1	2412	Reference	8.31	8.31	---	PASS
			30~1000	---	-53.12	<=-21.69	PASS
			1000~26500	---	-43.84	<=-21.69	PASS
		2417	Reference	9.49	9.49	---	PASS
			30~1000	---	-53.26	<=-20.51	PASS
			1000~26500	---	-44.44	<=-20.51	PASS
		2437	Reference	9.97	9.97	---	PASS
			30~1000	---	-53.07	<=-20.03	PASS
			1000~26500	---	-43.96	<=-20.03	PASS
		2457	Reference	9.24	9.24	---	PASS
			30~1000	---	-52.9	<=-20.76	PASS
			1000~26500	---	-44.04	<=-20.76	PASS
		2462	Reference	6.45	6.45	---	PASS
			30~1000	---	-53.09	<=-23.55	PASS
			1000~26500	---	-44.06	<=-23.55	PASS
11N20SISO	Ant1	2412	Reference	7.76	7.76	---	PASS
			30~1000	---	-52.19	<=-22.24	PASS
			1000~26500	---	-43.58	<=-22.24	PASS
		2417	Reference	9.98	9.98	---	PASS
			30~1000	---	-51.78	<=-20.02	PASS
			1000~26500	---	-44.36	<=-20.02	PASS
		2437	Reference	10.13	10.13	---	PASS
			30~1000	---	-52.42	<=-19.87	PASS
			1000~26500	---	-42.56	<=-19.87	PASS
		2457	Reference	8.42	8.42	---	PASS
			30~1000	---	-52.63	<=-21.58	PASS
			1000~26500	---	-44.2	<=-21.58	PASS
		2462	Reference	6.70	6.70	---	PASS
			30~1000	---	-53.21	<=-23.3	PASS
			1000~26500	---	-43.46	<=-23.3	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.

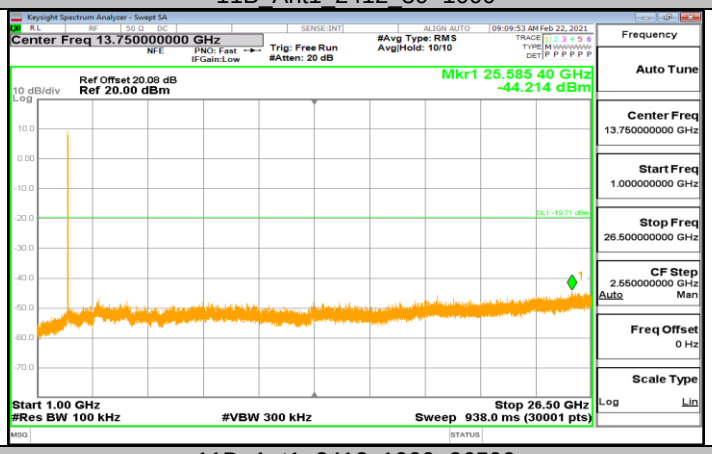
11.6.2. Test Graphs



11B_Ant1_2412_0~Reference

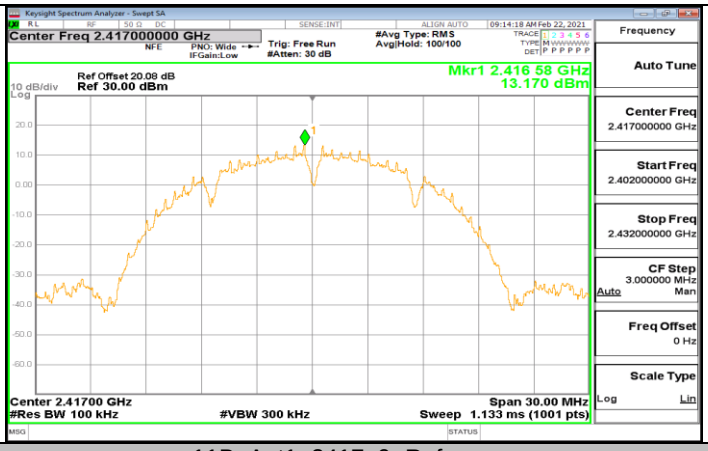


11B_Ant1_2412_30~1000

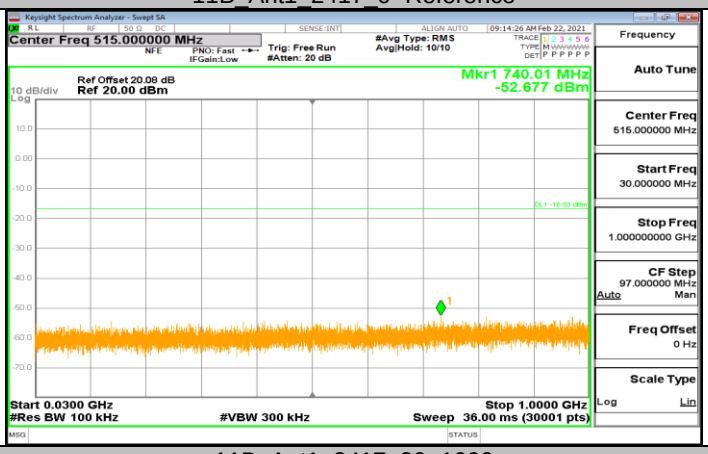


11B_Ant1_2412_1000~26500

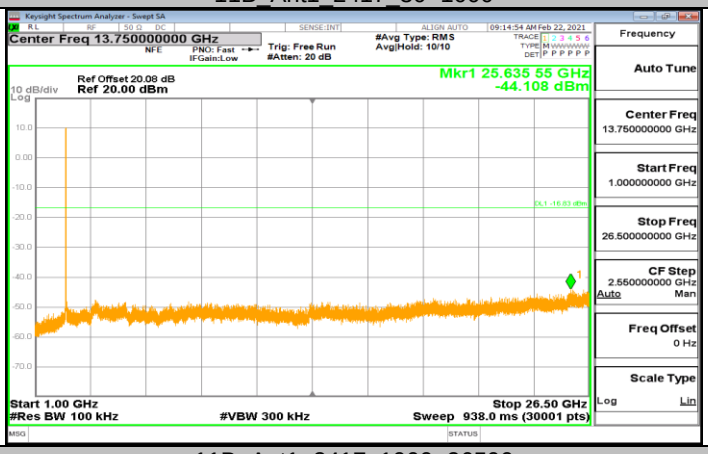
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant1_2417_0~Reference

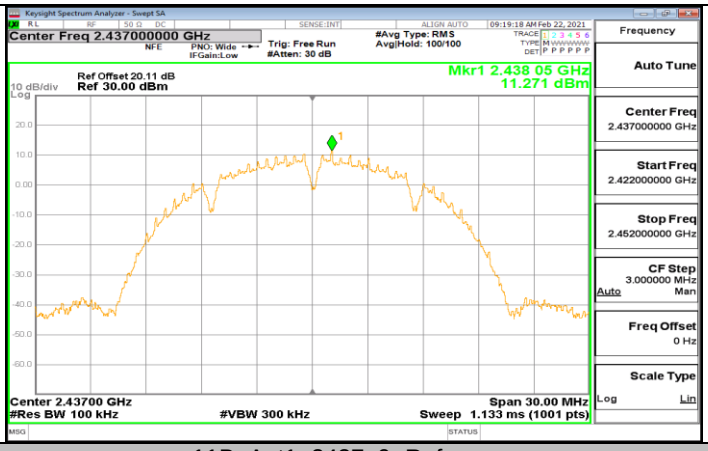


11B_Ant1_2417_30~1000

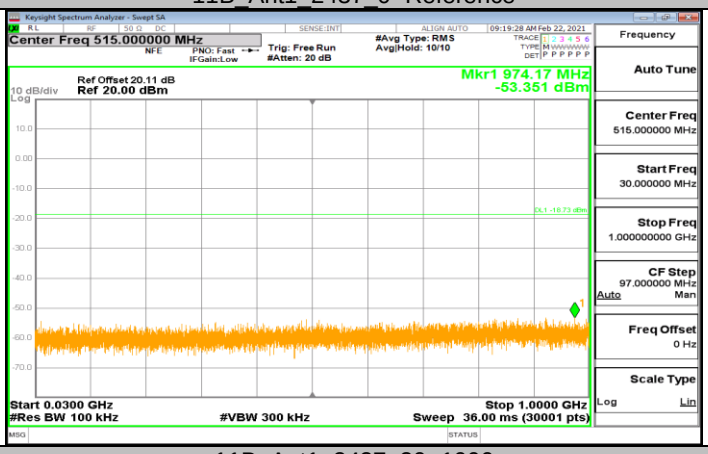


11B_Ant1_2417_1000~26500

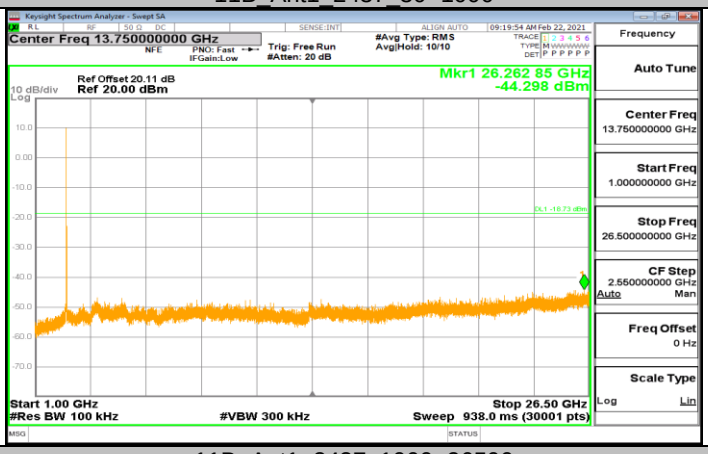
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant1_2437_0~Reference

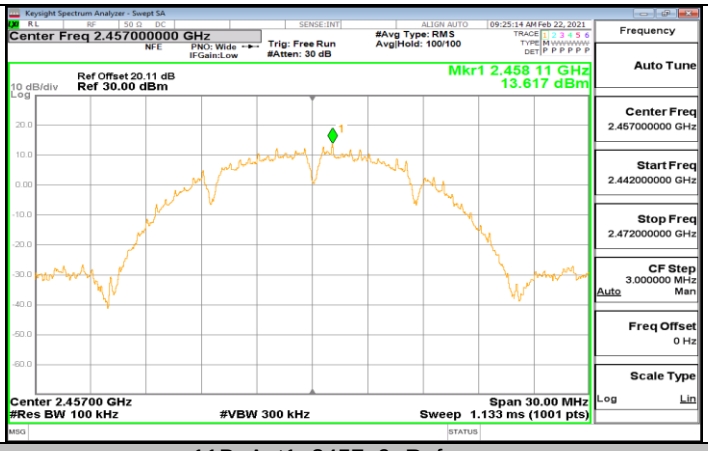


11B_Ant1_2437_30~1000

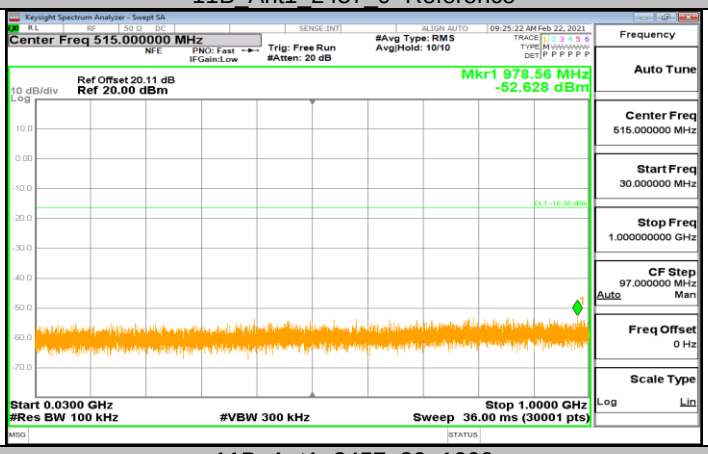


11B_Ant1_2437_1000~26500

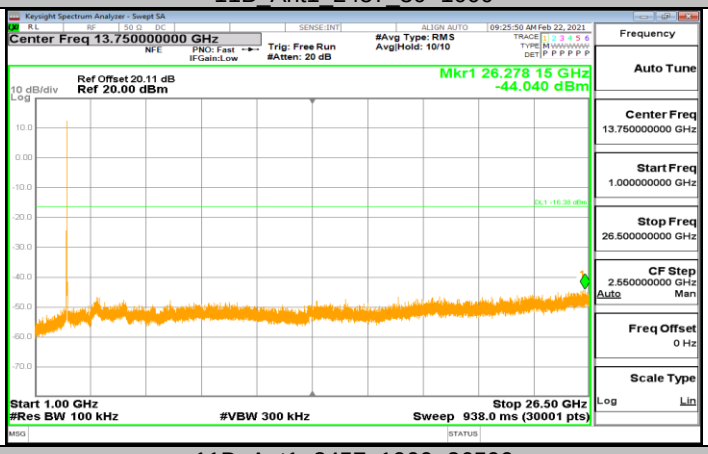
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant1_2457_0~Reference

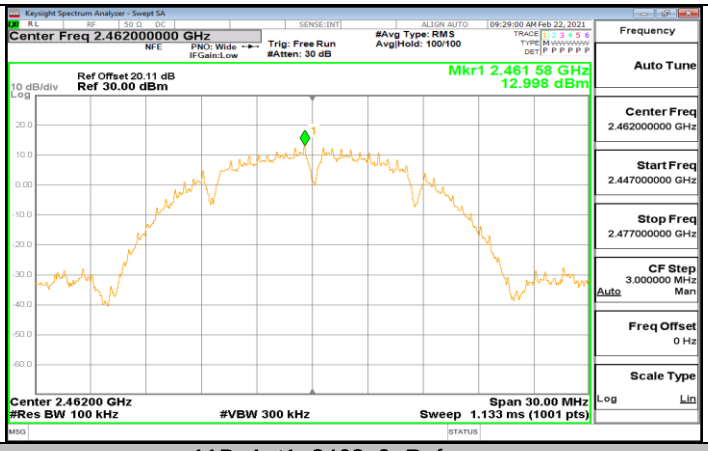


11B_Ant1_2457_30~1000

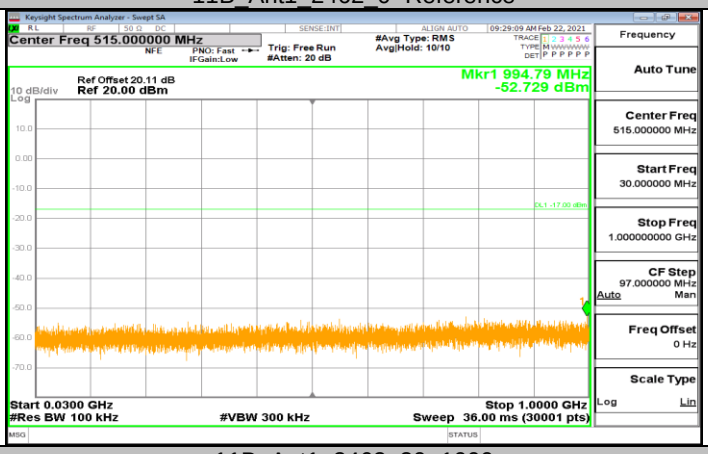


11B_Ant1_2457_1000~26500

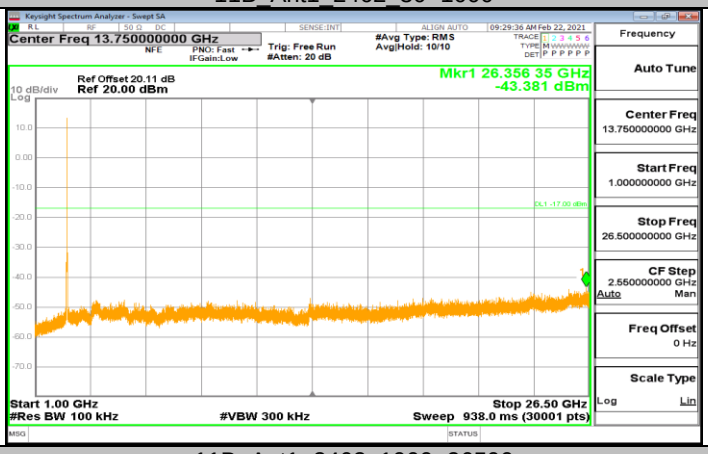
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11B_Ant1_2462_0~Reference

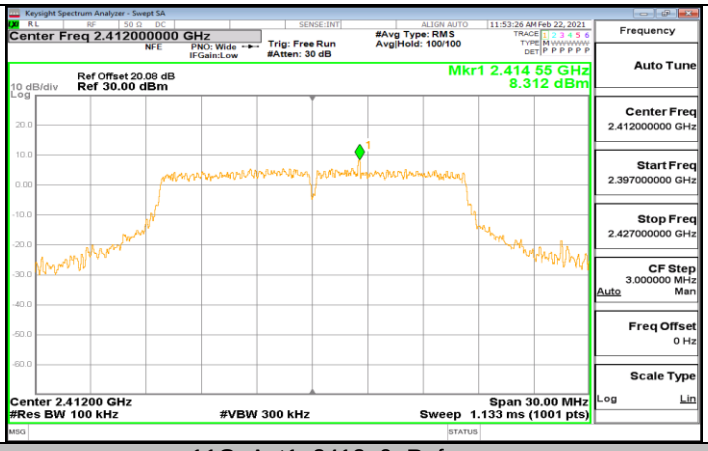


11B_Ant1_2462_30~1000

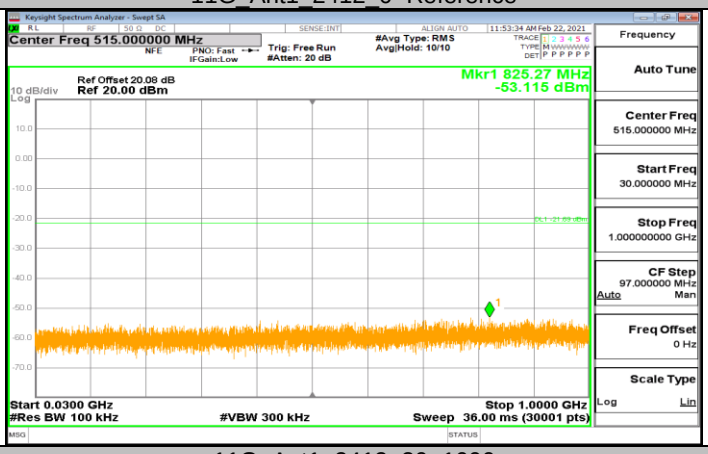


11B_Ant1_2462_1000~26500

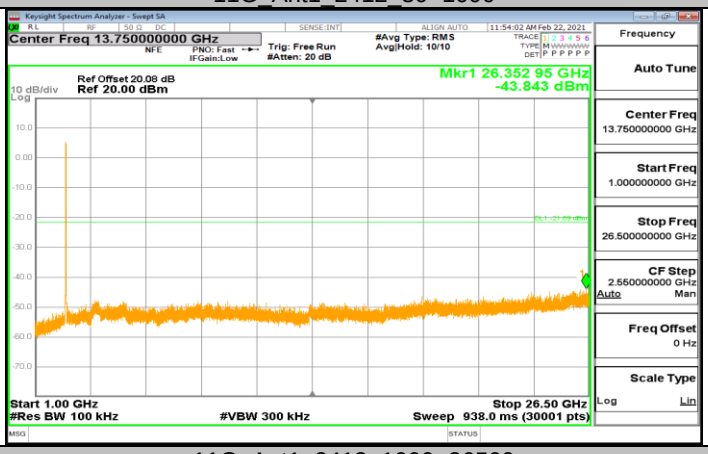
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



11G_Ant1_2412_0~Reference



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.