

Appendix Test Data

Report No:	1812C50133012505	Test Sample NO:	1-2-2
Start Test Date:	2025-04-02	Finish Test Date:	2025-04-25
Test Engineer:	<i>Joker Huang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.3°C	Relative Humidity:	56%
Pressure:	101 kPa		

Appendix A: Conducted Output Power

Test Result(WCDMA)

Band	Channel	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band4	1312	23.07	23.07	30	PASS
Band4	1413	23.09	23.09	30	PASS
Band4	1513	22.79	22.79	30	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band4	1312	1	22.13	22.13	30	PASS
Band4	1312	2	21.60	21.6	30	PASS
Band4	1312	3	21.56	21.56	30	PASS
Band4	1312	4	21.62	21.62	30	PASS
Band4	1413	1	22.08	22.08	30	PASS
Band4	1413	2	21.57	21.57	30	PASS
Band4	1413	3	21.59	21.59	30	PASS
Band4	1413	4	21.65	21.65	30	PASS
Band4	1513	1	21.83	21.83	30	PASS
Band4	1513	2	21.28	21.28	30	PASS
Band4	1513	3	21.29	21.29	30	PASS
Band4	1513	4	21.34	21.34	30	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band4	1312	1	21.71	21.71	30	PASS
Band4	1312	2	20.89	20.89	30	PASS
Band4	1312	3	21.02	21.02	30	PASS

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Band4	1312	4	21.15	21.15	30	PASS
Band4	1312	5	22.14	22.14	30	PASS
Band4	1413	1	22.05	22.05	30	PASS
Band4	1413	2	20.77	20.77	30	PASS
Band4	1413	3	20.69	20.69	30	PASS
Band4	1413	4	21.31	21.31	30	PASS
Band4	1413	5	22.05	22.05	30	PASS
Band4	1513	1	21.83	21.83	30	PASS
Band4	1513	2	20.76	20.76	30	PASS
Band4	1513	3	19.99	19.99	30	PASS
Band4	1513	4	21.16	21.16	30	PASS
Band4	1513	5	21.81	21.81	30	PASS

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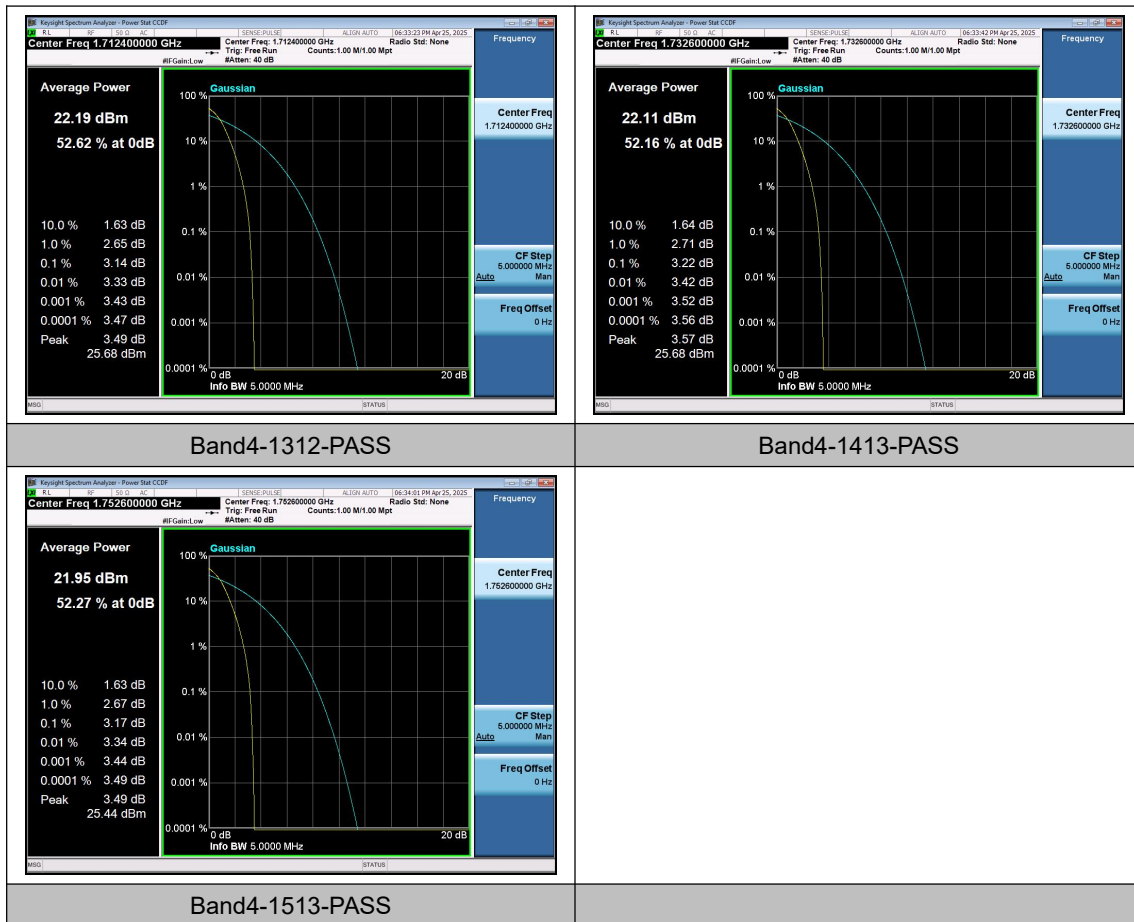
Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	3.14	13	PASS
Band4	1413	3.22	13	PASS
Band4	1513	3.17	13	PASS



Test Graphs



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band4	1312	4.1251	4.686	---	PASS
Band4	1413	4.1264	4.697	---	PASS
Band4	1513	4.1253	4.701	---	PASS



Test Graphs



Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	1710.00	-28.72	-13	PASS
Band4	1513	1755.00	-29.16	-13	PASS

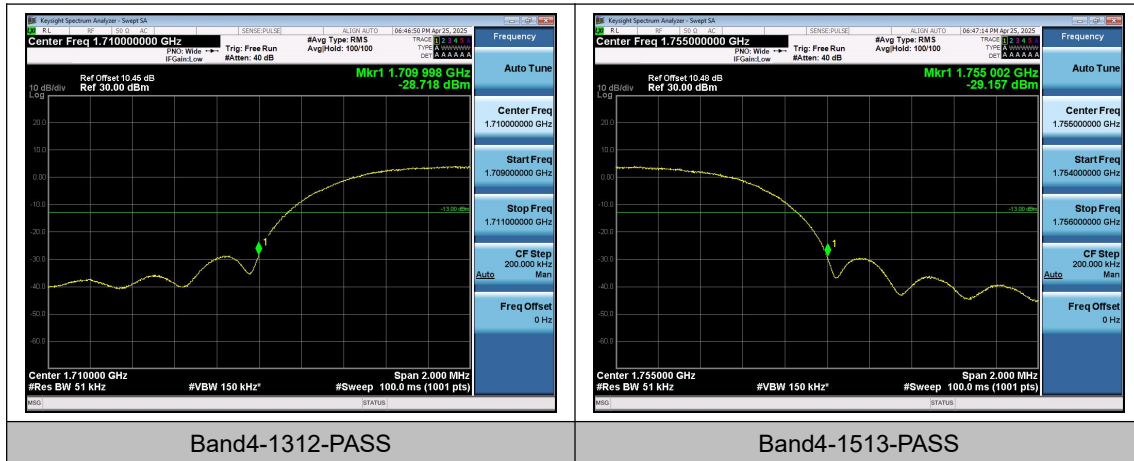
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Test Graphs



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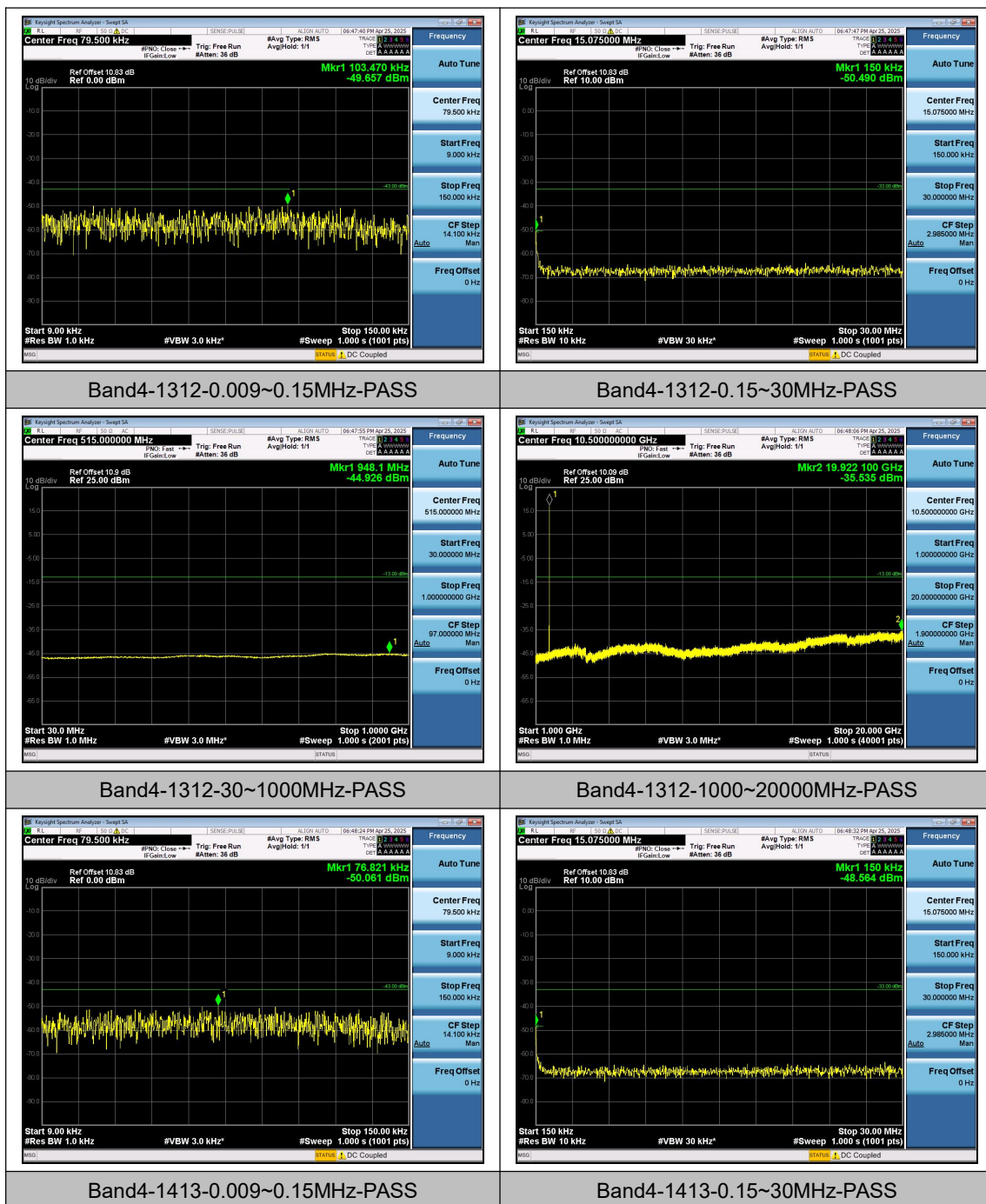
Appendix E: Conducted Spurious Emission

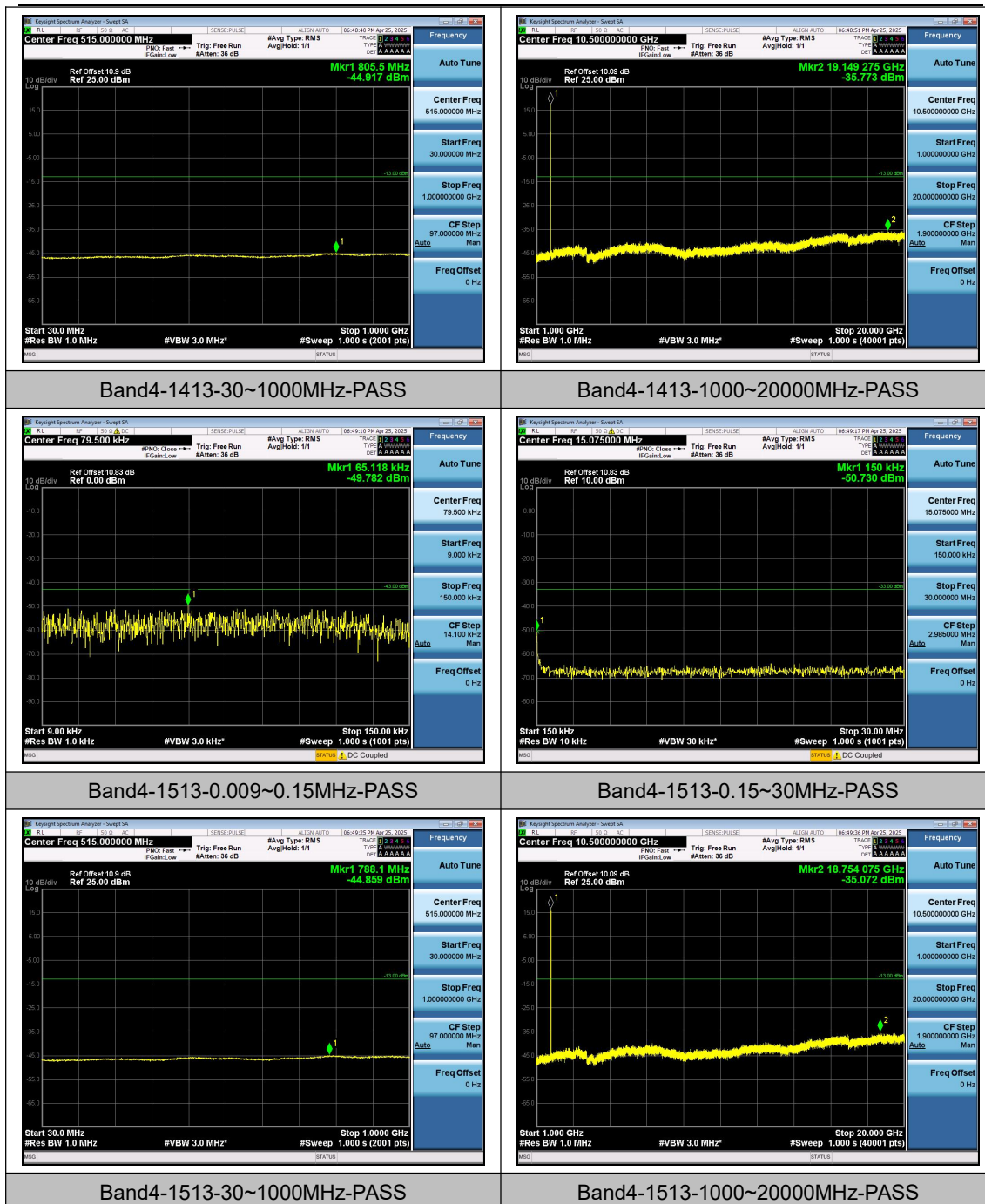
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.1	-49.66	-43	PASS
Band4	1312	0.15~30MHz	0.15	-50.49	-33	PASS
Band4	1312	30~1000MHz	948.11	-44.93	-13	PASS
Band4	1312	1000~20000MHz	19922.1	-35.54	-13	PASS
Band4	1413	0.009~0.15MHz	0.08	-50.06	-43	PASS
Band4	1413	0.15~30MHz	0.15	-48.56	-33	PASS
Band4	1413	30~1000MHz	805.52	-44.92	-13	PASS
Band4	1413	1000~20000MHz	19149.28	-35.77	-13	PASS
Band4	1513	0.009~0.15MHz	0.07	-49.78	-43	PASS
Band4	1513	0.15~30MHz	0.15	-50.73	-33	PASS
Band4	1513	30~1000MHz	788.06	-44.86	-13	PASS
Band4	1513	1000~20000MHz	18754.08	-35.07	-13	PASS



Test Graphs





Appendix F: Frequency Stability VS Voltage measurement

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band4	1312	VN	NT	1710.34336	1714.46566	1710-1785	PASS
Band4	1312	VL	NT	1710.34391	1714.46141	1710-1785	PASS
Band4	1312	VH	NT	1710.34321	1714.46321	1710-1785	PASS
Band4	1413	VN	NT	1730.5379	1734.6602	1710-1785	PASS
Band4	1413	VL	NT	1730.53988	1734.66348	1710-1785	PASS
Band4	1413	VH	NT	1730.54198	1734.66528	1710-1785	PASS
Band4	1513	VN	NT	1750.54621	1754.66281	1710-1785	PASS
Band4	1513	VL	NT	1750.54667	1754.66347	1710-1785	PASS
Band4	1513	VH	NT	1750.54145	1754.66295	1710-1785	PASS

Appendix G: Frequency Stability VS Temperature

measurement

Test Result

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band4	1312	NV	-30	1710.34411	1714.45821	1710-1785	PASS
Band4	1312	NV	-20	1710.3416	1714.4659	1710-1785	PASS
Band4	1312	NV	-10	1710.34307	1714.45997	1710-1785	PASS
Band4	1312	NV	0	1710.34323	1714.46973	1710-1785	PASS
Band4	1312	NV	10	1710.34038	1714.45978	1710-1785	PASS
Band4	1312	NV	20	1710.34544	1714.46284	1710-1785	PASS
Band4	1312	NV	30	1710.34221	1714.46151	1710-1785	PASS
Band4	1312	NV	40	1710.34469	1714.46509	1710-1785	PASS
Band4	1312	NV	50	1710.34001	1714.46231	1710-1785	PASS
Band4	1413	NV	-30	1730.54245	1734.65905	1710-1785	PASS
Band4	1413	NV	-20	1730.5418	1734.6631	1710-1785	PASS
Band4	1413	NV	-10	1730.54181	1734.66101	1710-1785	PASS
Band4	1413	NV	0	1730.53886	1734.66356	1710-1785	PASS
Band4	1413	NV	10	1730.54359	1734.65939	1710-1785	PASS
Band4	1413	NV	20	1730.54091	1734.66611	1710-1785	PASS
Band4	1413	NV	30	1730.54624	1734.65924	1710-1785	PASS
Band4	1413	NV	40	1730.542	1734.6644	1710-1785	PASS

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Band4	1413	NV	50	1730.54261	1734.65711	1710-1785	PASS
Band4	1513	NV	-30	1750.54811	1754.66521	1710-1785	PASS
Band4	1513	NV	-20	1750.54456	1754.66206	1710-1785	PASS
Band4	1513	NV	-10	1750.54822	1754.66632	1710-1785	PASS
Band4	1513	NV	0	1750.54551	1754.66501	1710-1785	PASS
Band4	1513	NV	10	1750.54333	1754.66793	1710-1785	PASS
Band4	1513	NV	20	1750.54474	1754.66194	1710-1785	PASS
Band4	1513	NV	30	1750.54381	1754.66221	1710-1785	PASS
Band4	1513	NV	40	1750.54103	1754.66703	1710-1785	PASS
Band4	1513	NV	50	1750.54413	1754.65963	1710-1785	PASS

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