

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
Band2	9262	22.64	22.64	33	PASS
Band2	9400	22.91	22.91	33	PASS
Band2	9538	22.87	22.87	33	PASS

Test Result(HSDPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.67	21.67	33	PASS
Band2	9262	2	21.25	21.25	33	PASS
Band2	9262	3	21.27	21.27	33	PASS
Band2	9262	4	21.20	21.2	33	PASS
Band2	9400	1	21.81	21.81	33	PASS
Band2	9400	2	21.35	21.35	33	PASS
Band2	9400	3	21.37	21.37	33	PASS
Band2	9400	4	21.41	21.41	33	PASS
Band2	9538	1	21.80	21.80	33	PASS
Band2	9538	2	21.33	21.33	33	PASS
Band2	9538	3	21.34	21.34	33	PASS
Band2	9538	4	21.40	21.40	33	PASS

Test Result(HSUPA)

Band	Channel	SubTest	Power(dBm)	ERP/EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	1	21.36	21.36	33	PASS
Band2	9262	2	20.35	20.35	33	PASS
Band2	9262	3	20.40	20.40	33	PASS



Band2	9262	4	21.35	21.35	33	PASS
Band2	9262	5	21.79	21.79	33	PASS
Band2	9400	1	21.93	21.93	33	PASS
Band2	9400	2	20.38	20.38	33	PASS
Band2	9400	3	20.54	20.54	33	PASS
Band2	9400	4	20.92	20.92	33	PASS
Band2	9400	5	22.00	22.00	33	PASS
Band2	9538	1	21.41	21.41	33	PASS
Band2	9538	2	20.65	20.65	33	PASS
Band2	9538	3	20.46	20.46	33	PASS
Band2	9538	4	21.48	21.48	33	PASS
Band2	9538	5	21.97	21.97	33	PASS

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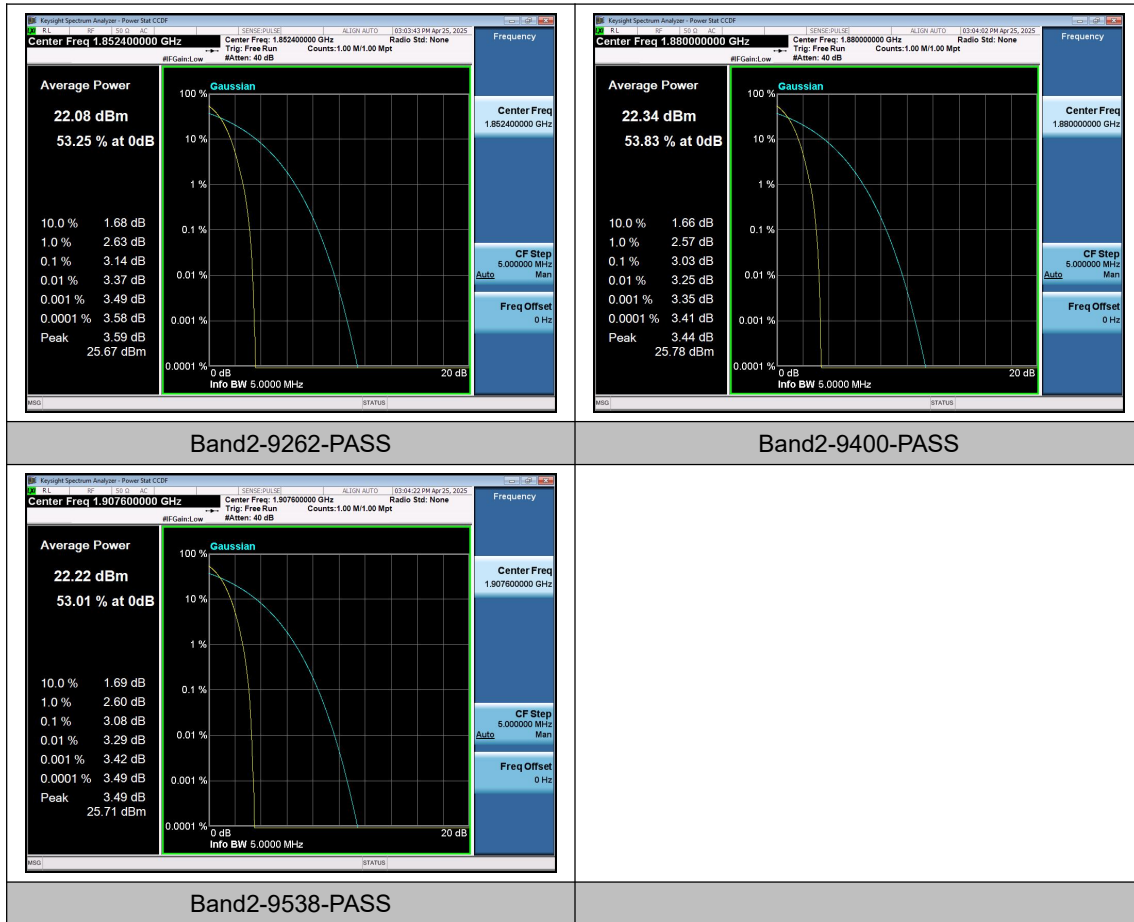
Appendix B: Peak-to-Average Ratio

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	3.14	13	PASS
Band2	9400	3.03	13	PASS
Band2	9538	3.08	13	PASS



Test Graphs



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(MHz)	Verdict
Band2	9262	4.1155	4.697	---	PASS
Band2	9400	4.1224	4.700	---	PASS
Band2	9538	4.1203	4.700	---	PASS

Test Graphs



Appendix D: Band Edge

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1849.84	-28.05	-13	PASS
Band2	9538	1910.00	-28.98	-13	PASS

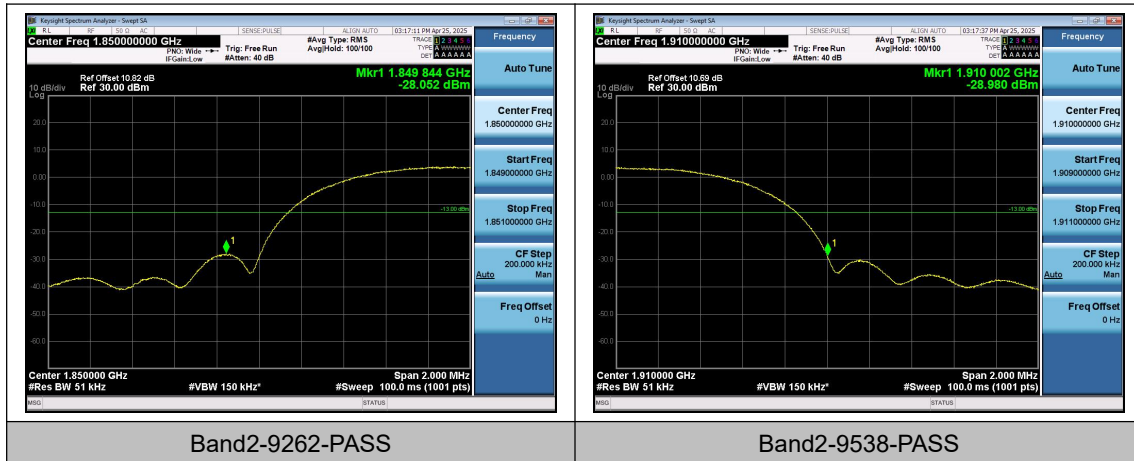
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Test Graphs



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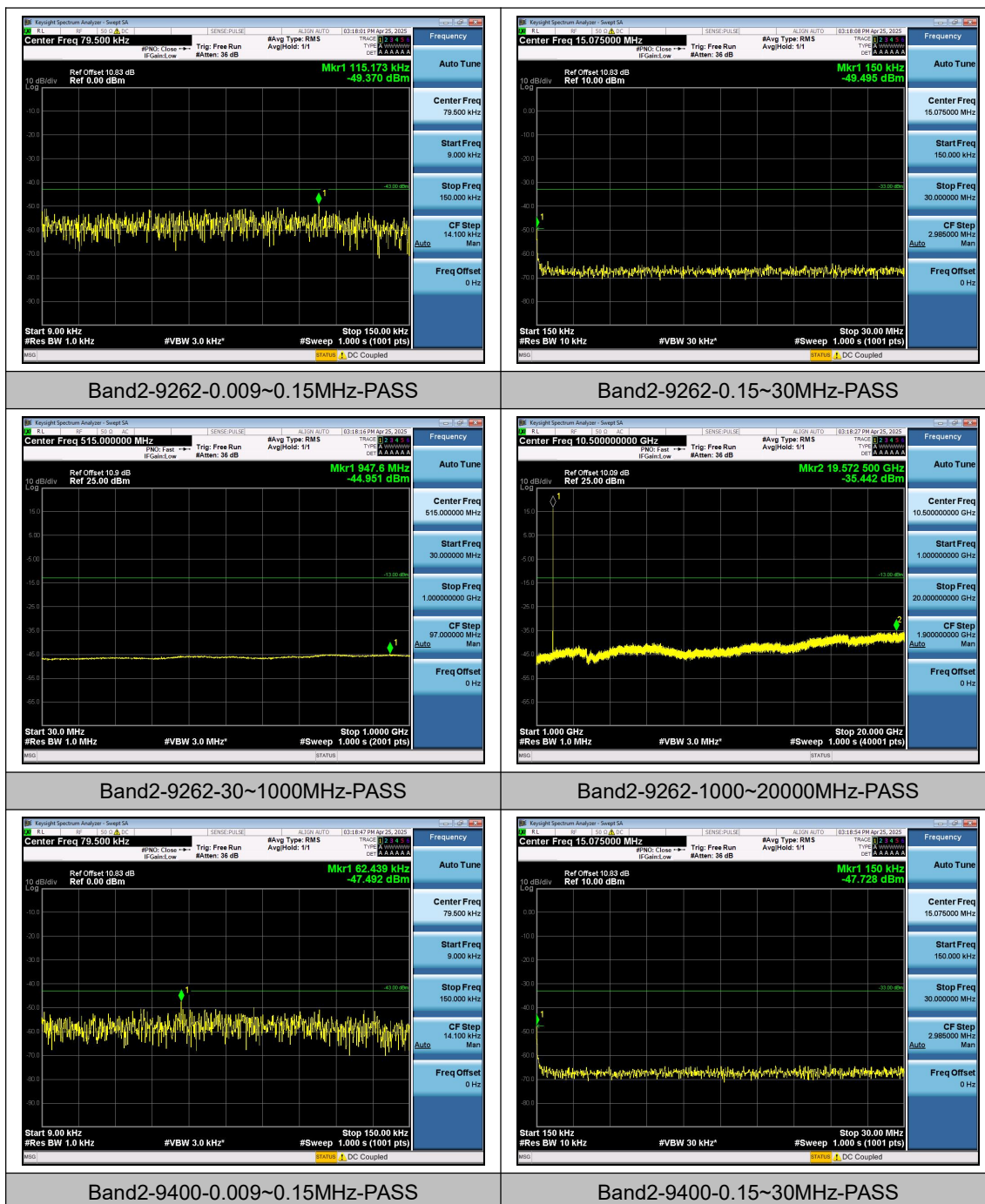
Appendix E: Conducted Spurious Emission

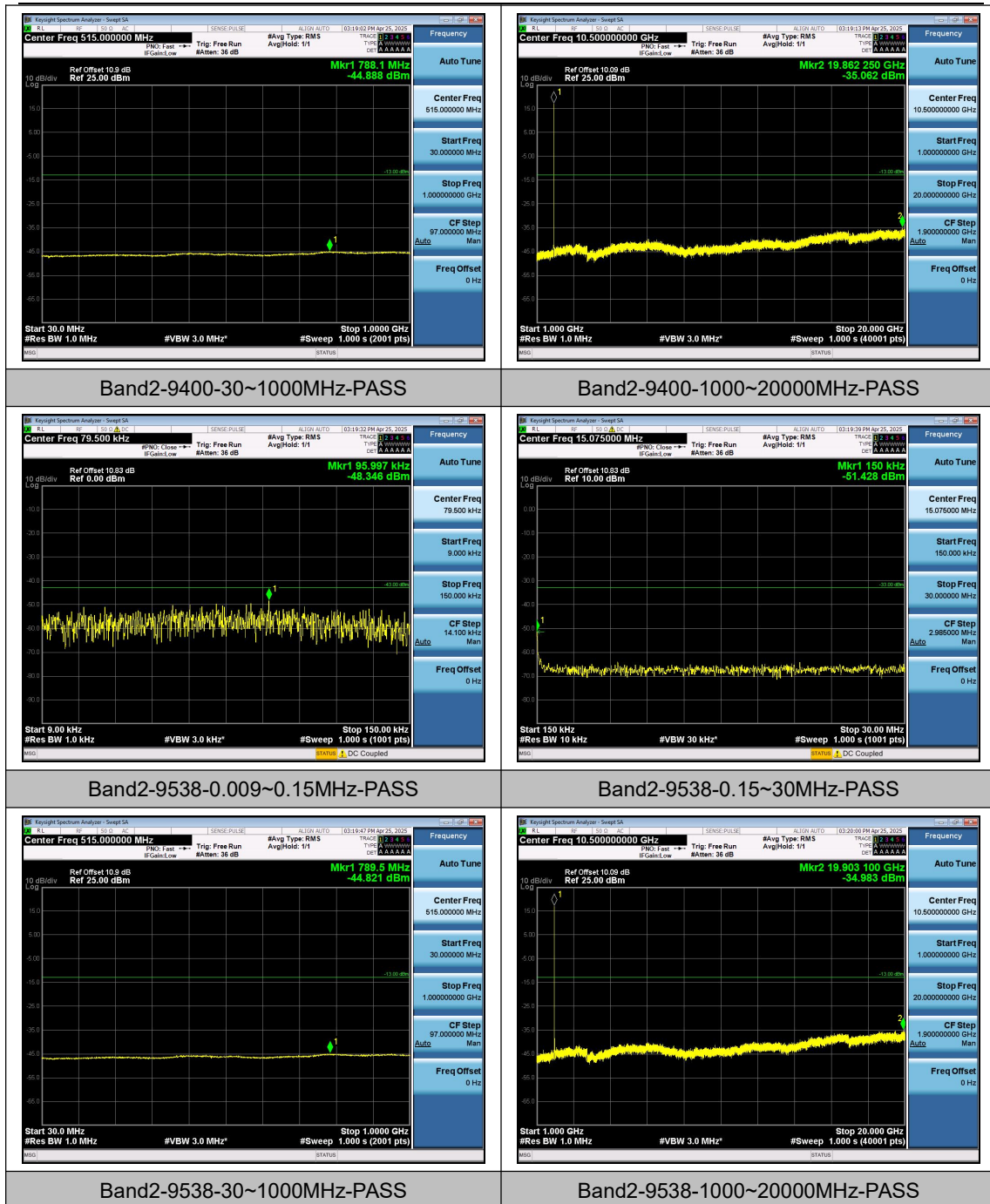
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	0.009~0.15MHz	0.12	-49.37	-43	PASS
Band2	9262	0.15~30MHz	0.15	-49.5	-33	PASS
Band2	9262	30~1000MHz	947.62	-44.95	-13	PASS
Band2	9262	1000~20000MHz	19572.5	-35.44	-13	PASS
Band2	9400	0.009~0.15MHz	0.06	-47.49	-43	PASS
Band2	9400	0.15~30MHz	0.15	-47.73	-33	PASS
Band2	9400	30~1000MHz	788.06	-44.89	-13	PASS
Band2	9400	1000~20000MHz	19862.25	-35.06	-13	PASS
Band2	9538	0.009~0.15MHz	0.1	-48.35	-43	PASS
Band2	9538	0.15~30MHz	0.15	-51.43	-33	PASS
Band2	9538	30~1000MHz	789.51	-44.82	-13	PASS
Band2	9538	1000~20000MHz	19903.1	-34.98	-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
Band2	9262	VN	NT	1850.32862	1854.44972	1850-1910	PASS
Band2	9262	VL	NT	1850.33196	1854.45316	1850-1910	PASS
Band2	9262	VH	NT	1850.32907	1854.45257	1850-1910	PASS
Band2	9400	VN	NT	1877.93585	1882.05065	1850-1910	PASS
Band2	9400	VL	NT	1877.93557	1882.04687	1850-1910	PASS
Band2	9400	VH	NT	1877.93462	1882.05432	1850-1910	PASS
Band2	9538	VN	NT	1905.52809	1909.63999	1850-1910	PASS
Band2	9538	VL	NT	1905.52436	1909.64686	1850-1910	PASS
Band2	9538	VH	NT	1905.5264	1909.6401	1850-1910	PASS



Appendix G: Frequency Stability VS Temperature

measurement

Test Result

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band2	9262	NV	-30	1850.33551	1854.45241	1850-1910	PASS
Band2	9262	NV	-20	1850.33244	1854.45124	1850-1910	PASS
Band2	9262	NV	-10	1850.33305	1854.44985	1850-1910	PASS
Band2	9262	NV	0	1850.32766	1854.45166	1850-1910	PASS
Band2	9262	NV	10	1850.3331	1854.4498	1850-1910	PASS
Band2	9262	NV	20	1850.3321	1854.4515	1850-1910	PASS
Band2	9262	NV	30	1850.33389	1854.45139	1850-1910	PASS
Band2	9262	NV	40	1850.33012	1854.45512	1850-1910	PASS
Band2	9262	NV	50	1850.33413	1854.45033	1850-1910	PASS
Band2	9400	NV	-30	1877.93472	1882.05472	1850-1910	PASS
Band2	9400	NV	-20	1877.9387	1882.0517	1850-1910	PASS
Band2	9400	NV	-10	1877.93597	1882.04957	1850-1910	PASS
Band2	9400	NV	0	1877.93531	1882.05761	1850-1910	PASS
Band2	9400	NV	10	1877.9434	1882.0531	1850-1910	PASS
Band2	9400	NV	20	1877.93144	1882.05504	1850-1910	PASS
Band2	9400	NV	30	1877.93662	1882.05792	1850-1910	PASS
Band2	9400	NV	40	1877.93155	1882.05565	1850-1910	PASS

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Band2	9400	NV	50	1877.93428	1882.05468	1850-1910	PASS
Band2	9538	NV	-30	1905.51964	1909.65104	1850-1910	PASS
Band2	9538	NV	-20	1905.52603	1909.64283	1850-1910	PASS
Band2	9538	NV	-10	1905.52166	1909.63976	1850-1910	PASS
Band2	9538	NV	0	1905.52587	1909.64517	1850-1910	PASS
Band2	9538	NV	10	1905.52109	1909.64259	1850-1910	PASS
Band2	9538	NV	20	1905.52837	1909.63977	1850-1910	PASS
Band2	9538	NV	30	1905.51927	1909.64727	1850-1910	PASS
Band2	9538	NV	40	1905.52508	1909.63978	1850-1910	PASS
Band2	9538	NV	50	1905.52203	1909.64303	1850-1910	PASS

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