

Appendix N1

Test Information:

Sample No.:	34AK-1	Test Date:	2025-07-03~2025-07-21
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.2-25.8	Relative Humidity: (%)	45-58	ATM Pressure: (kPa)	99.8-100.6
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Transmitter Conducted Output Power And ERP/EIRP

Band	Channel	Freq (MHz)	Connection Type	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP(Limit) (dBm)	Verdict
2	9538	1907.6	RMC	22.27	22.77	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	21.2	21.7	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	20.99	21.49	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	20.25	20.75	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	20.86	21.36	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	21.52	22.02	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	21.41	21.91	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	21.45	21.95	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	21.33	21.83	33.01	PASS
2	9538	1907.6	HSUPA Subtest-5	21.38	21.88	33.01	PASS
2	9538	1907.6	HSUPA +	21.12	21.62	33.01	PASS
2	9400	1880.0	RMC	22.5	23	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	21.33	21.83	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	21.01	21.51	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	20.27	20.77	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	20.89	21.39	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	21.52	22.02	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	21.46	21.96	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	21.47	21.97	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	21.35	21.85	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	21.4	21.9	33.01	PASS
2	9400	1880.0	HSUPA +	21.35	21.85	33.01	PASS
2	9262	1852.4	RMC	22.3	22.8	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	20.53	21.03	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	21.15	21.65	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	20.25	20.75	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	21.07	21.57	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	21.42	21.92	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	21.33	21.83	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	21.14	21.64	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	21.28	21.78	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	21.43	21.93	33.01	PASS
2	9262	1852.4	HSUPA +	21.31	21.81	33.01	PASS
4	1513	1752.6	RMC	22.44	22.84	30.00	PASS
4	1513	1752.6	HSDPA Subtest-1	22.09	22.49	30.00	PASS
4	1513	1752.6	HSDPA Subtest-2	22.11	22.51	30.00	PASS
4	1513	1752.6	HSDPA Subtest-3	22.12	22.52	30.00	PASS
4	1513	1752.6	HSDPA Subtest-4	22.01	22.41	30.00	PASS
4	1513	1752.6	HSUPA Subtest-1	22.1	22.5	30.00	PASS

4	1513	1752.6	HSUPA Subtest-2	21.9	22.3	30.00	PASS
4	1513	1752.6	HSUPA Subtest-3	21.89	22.29	30.00	PASS
4	1513	1752.6	HSUPA +Subtest-4	21.97	22.37	30.00	PASS
4	1513	1752.6	HSUPA Subtest-5	21.82	22.22	30.00	PASS
4	1513	1752.6	HSUPA +	21.82	22.22	30.00	PASS
4	1412	1732.4	RMC	21.74	22.14	30.00	PASS
4	1412	1732.4	HSDPA Subtest-1	20.6	21	30.00	PASS
4	1412	1732.4	HSDPA Subtest-2	21.13	21.53	30.00	PASS
4	1412	1732.4	HSDPA Subtest-3	21.13	21.53	30.00	PASS
4	1412	1732.4	HSDPA Subtest-4	21.18	21.58	30.00	PASS
4	1412	1732.4	HSUPA Subtest-1	21.18	21.58	30.00	PASS
4	1412	1732.4	HSUPA Subtest-2	21.15	21.55	30.00	PASS
4	1412	1732.4	HSUPA Subtest-3	21.2	21.6	30.00	PASS
4	1412	1732.4	HSUPA Subtest-4	21.05	21.45	30.00	PASS
4	1412	1732.4	HSUPA Subtest-5	21.1	21.5	30.00	PASS
4	1412	1732.4	HSUPA +	21.02	21.42	30.00	PASS
4	1312	1712.4	RMC	22.45	22.85	30.00	PASS
4	1312	1712.4	HSDPA Subtest-1	21.67	22.07	30.00	PASS
4	1312	1712.4	HSDPA Subtest-2	21.95	22.35	30.00	PASS
4	1312	1712.4	HSDPA Subtest-3	22.11	22.51	30.00	PASS
4	1312	1712.4	HSDPA Subtest-4	22.04	22.44	30.00	PASS
4	1312	1712.4	HSUPA Subtest-1	22.12	22.52	30.00	PASS
4	1312	1712.4	HSUPA Subtest-2	22.18	22.58	30.00	PASS
4	1312	1712.4	HSUPA Subtest-3	22.06	22.46	30.00	PASS
4	1312	1712.4	HSUPA Subtest-4	22.22	22.62	30.00	PASS
4	1312	1712.4	HSUPA Subtest-5	22.16	22.56	30.00	PASS
4	1312	1712.4	HSUPA Subtest-5	22.02	22.42	30.00	PASS
5	4233	846.6	RMC	23.11	20.66	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	21.66	19.21	38.45	PASS
5	4233	846.6	HSDPA Subtest-2	21.48	19.03	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	21.21	18.76	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	21.16	18.71	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	22.45	20	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	22.48	20.03	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	22.4	19.95	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	22.51	20.06	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	22.52	20.07	38.45	PASS
5	4233	846.6	HSUPA +	22.36	19.91	38.45	PASS
5	4182	836.4	RMC	22.93	20.48	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	21.63	19.18	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	21.66	19.21	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	21.33	18.88	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	21.21	18.76	38.45	PASS
5	4182	836.4	HSUPA Subtest-1	22.65	20.2	38.45	PASS

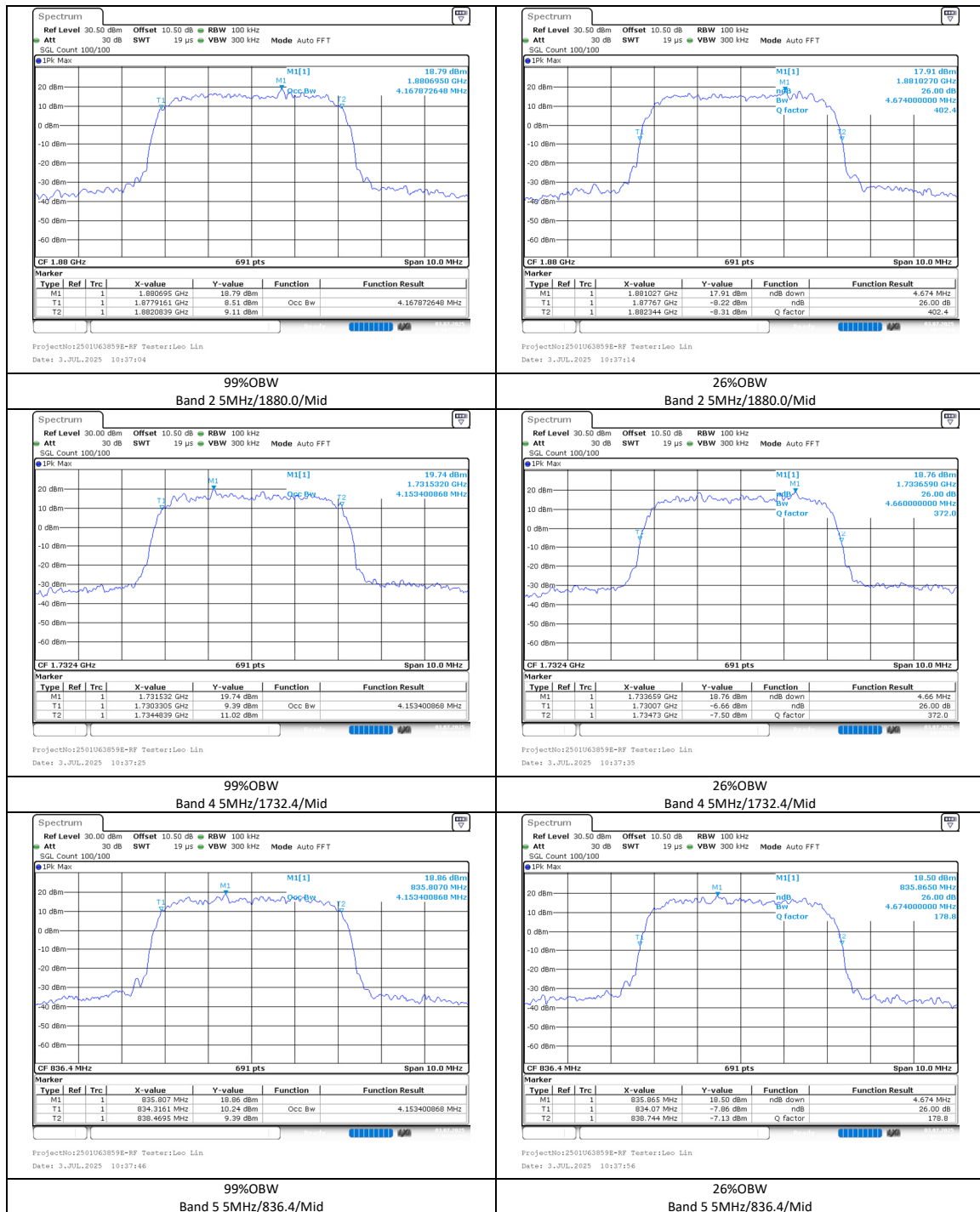
5	4182	836.4	HSUPA Subtest-2	22.54	20.09	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	22.66	20.21	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	22.58	20.13	38.45	PASS
5	4182	836.4	HSUPA Subtest-5	22.6	20.15	38.45	PASS
5	4182	836.4	HSUPA +	22.45	20	38.45	PASS
5	4132	826.4	RMC	23.21	20.76	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	21.29	18.84	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	21.15	18.7	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	20.79	18.34	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	20.82	18.37	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	22.19	19.74	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	22.17	19.72	38.45	PASS
5	4132	826.4	HSUPA Subtest-3	22.21	19.76	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	22.25	19.8	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	22.33	19.88	38.45	PASS
5	4132	826.4	HSUPA +	22.09	19.64	38.45	PASS

Peak to Average Ratio

Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.04	13	PASS
2	9400	1880.0	3.10	13	PASS
2	9262	1852.4	2.96	13	PASS
4	1513	1752.6	2.90	13	PASS
4	1412	1732.4	3.13	13	PASS
4	1312	1712.4	2.93	13	PASS
5	4233	846.6	3.04	13	PASS
5	4182	836.4	3.10	13	PASS
5	4132	826.4	3.07	13	PASS

Occupied Bandwidth

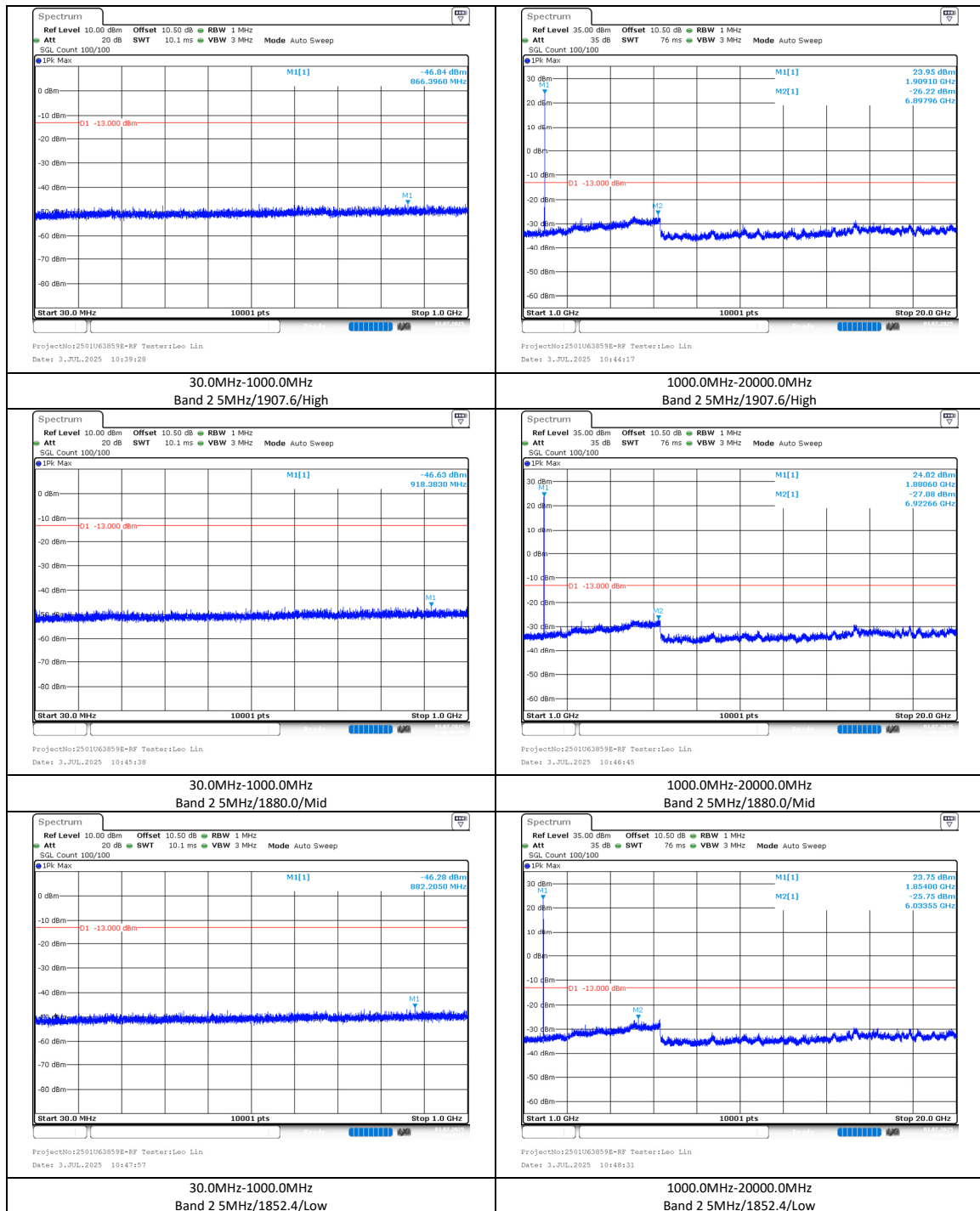
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1679	4.674	PASS
4	1412	1732.4	4.1534	4.660	PASS
5	4182	836.4	4.1534	4.674	PASS

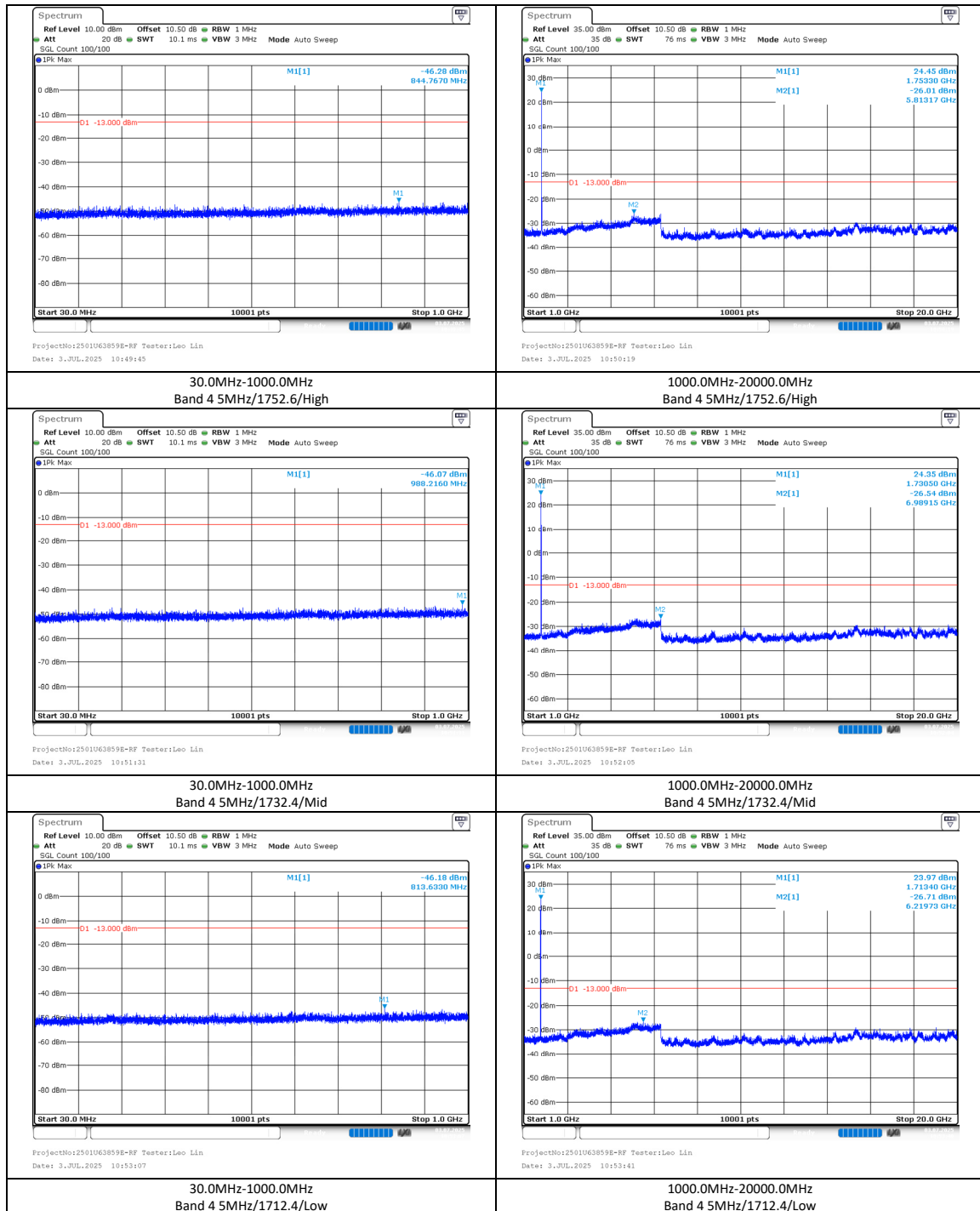


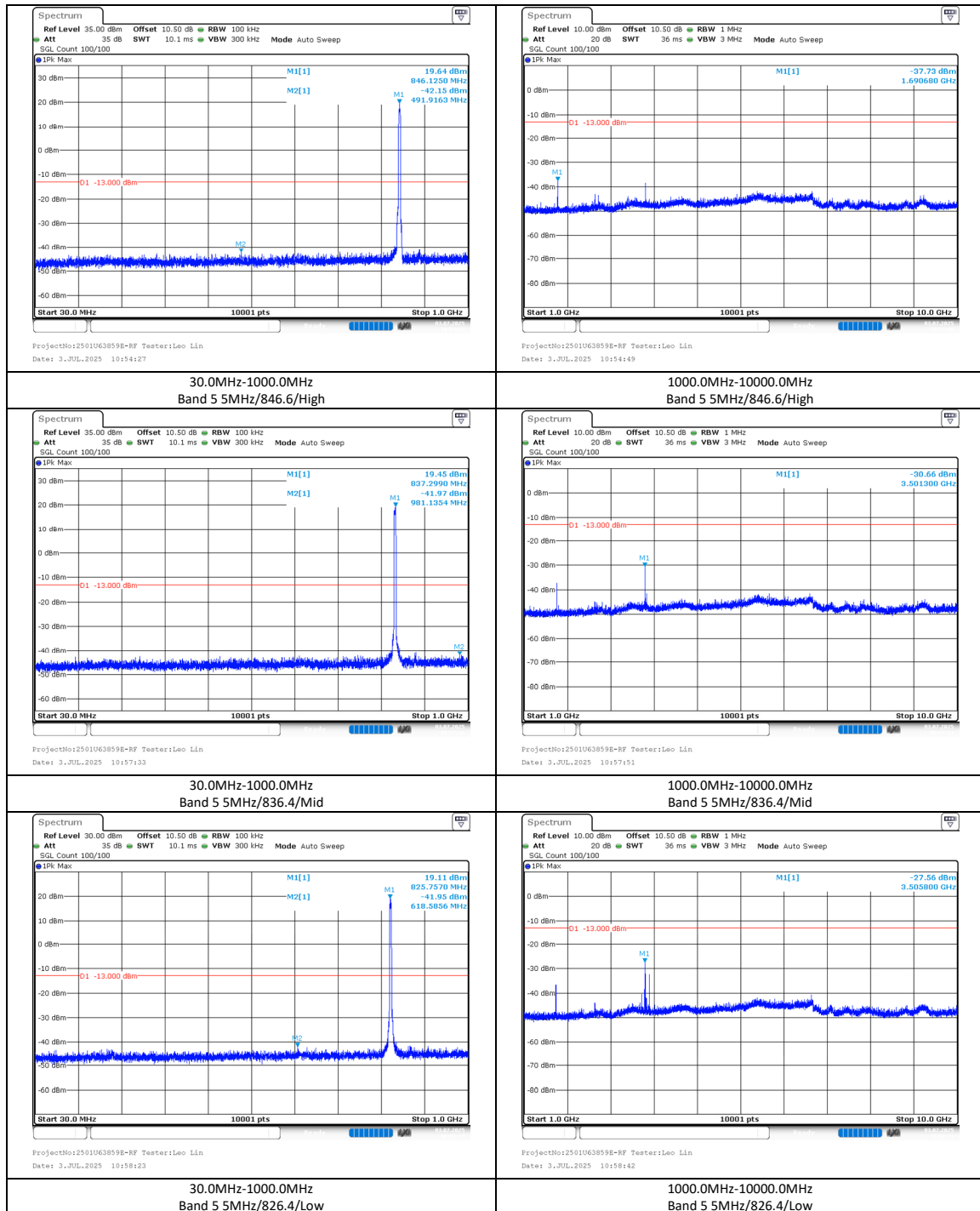
Conducted Spurious Emissions

(For Band 2/4, 30MHz-1GHz range, the limit has come down $10 \cdot \log(1\text{MHz}/100\text{kHz}) = 10\text{dB}$)

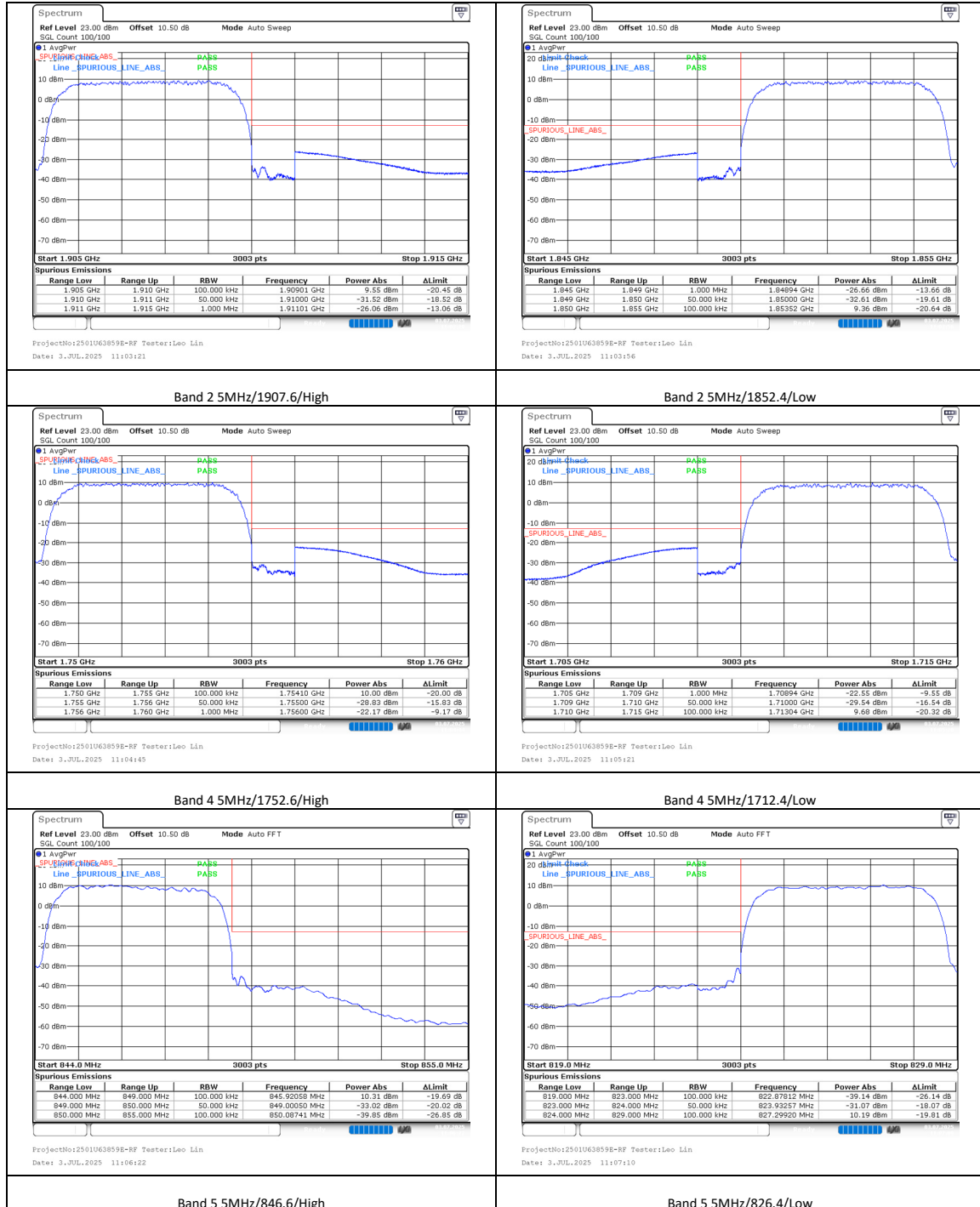
Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
2	9538	1907.6	30.0	1000.0	-46.84	-23	PASS
2	9538	1907.6	1000.0	20000.0	-26.22	-13	PASS
2	9400	1880.0	30.0	1000.0	-46.63	-23	PASS
2	9400	1880.0	1000.0	20000.0	-27.08	-13	PASS
2	9262	1852.4	30.0	1000.0	-46.28	-23	PASS
2	9262	1852.4	1000.0	20000.0	-25.75	-13	PASS
4	1513	1752.6	30.0	1000.0	-46.28	-23	PASS
4	1513	1752.6	1000.0	20000.0	-26.01	-13	PASS
4	1412	1732.4	30.0	1000.0	-46.07	-23	PASS
4	1412	1732.4	1000.0	20000.0	-26.54	-13	PASS
4	1312	1712.4	30.0	1000.0	-46.18	-23	PASS
4	1312	1712.4	1000.0	20000.0	-26.71	-13	PASS
5	4233	846.6	30.0	1000.0	-42.15	-13	PASS
5	4233	846.6	1000.0	10000.0	-37.73	-13	PASS
5	4182	836.4	30.0	1000.0	-41.97	-13	PASS
5	4182	836.4	1000.0	10000.0	-30.66	-13	PASS
5	4132	826.4	30.0	1000.0	-41.95	-13	PASS
5	4132	826.4	1000.0	10000.0	-27.56	-13	PASS







Conducted Band Edge



Frequency Stability Error

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	4233	846.6	-0.59	-0.00070	±2.5	PASS	20°C/4.40V
5	4233	846.6	-3.70	-0.00437	±2.5	PASS	20°C/3.45V
5	4233	846.6	-5.03	-0.00594	±2.5	PASS	50°C/3.85V
5	4233	846.6	4.26	0.00503	±2.5	PASS	40°C/3.85V
5	4233	846.6	-1.14	-0.00135	±2.5	PASS	30°C/3.85V
5	4233	846.6	1.62	0.00191	±2.5	PASS	20°C/3.85V
5	4233	846.6	-3.01	-0.00356	±2.5	PASS	10°C/3.85V
5	4233	846.6	-8.48	-0.01002	±2.5	PASS	0°C/3.85V
5	4233	846.6	1.96	0.00232	±2.5	PASS	-10°C/3.85V
5	4233	846.6	-1.60	-0.00189	±2.5	PASS	-20°C/3.85V
5	4233	846.6	-6.69	-0.00790	±2.5	PASS	-30°C/3.85V
5	4182	836.4	-3.41	-0.00408	±2.5	PASS	20°C/4.40V
5	4182	836.4	-3.87	-0.00463	±2.5	PASS	20°C/3.45V
5	4182	836.4	-6.49	-0.00776	±2.5	PASS	50°C/3.85V
5	4182	836.4	-7.77	-0.00929	±2.5	PASS	40°C/3.85V
5	4182	836.4	1.88	0.00225	±2.5	PASS	30°C/3.85V
5	4182	836.4	-4.20	-0.00502	±2.5	PASS	20°C/3.85V
5	4182	836.4	4.08	0.00488	±2.5	PASS	10°C/3.85V
5	4182	836.4	1.06	0.00127	±2.5	PASS	0°C/3.85V
5	4182	836.4	-1.28	-0.00153	±2.5	PASS	-10°C/3.85V
5	4182	836.4	-5.18	-0.00619	±2.5	PASS	-20°C/3.85V
5	4182	836.4	-3.40	-0.00407	±2.5	PASS	-30°C/3.85V
5	4132	826.4	-7.09	-0.00858	±2.5	PASS	20°C/4.40V
5	4132	826.4	8.56	0.01036	±2.5	PASS	20°C/3.45V
5	4132	826.4	6.32	0.00765	±2.5	PASS	50°C/3.85V
5	4132	826.4	-2.09	-0.00253	±2.5	PASS	40°C/3.85V
5	4132	826.4	0.44	0.00053	±2.5	PASS	30°C/3.85V
5	4132	826.4	-7.58	-0.00917	±2.5	PASS	20°C/3.85V
5	4132	826.4	-0.08	-0.00010	±2.5	PASS	10°C/3.85V
5	4132	826.4	6.49	0.00785	±2.5	PASS	0°C/3.85V
5	4132	826.4	-4.38	-0.00530	±2.5	PASS	-10°C/3.85V
5	4132	826.4	-5.88	-0.00712	±2.5	PASS	-20°C/3.85V
5	4132	826.4	0.72	0.00087	±2.5	PASS	-30°C/3.85V

Frequency Stability Range

Band	Channel (Low/High)	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1850MHz)	Upper Edge (MHz) (Result)	Limit (1910MHz)	Environment
2	9262/9538	1852.4/1907.6	1850.023	1850.000	1909.991	1910.000	20°C/4.40V
2	9262/9538	1852.4/1907.6	1850.032	1850.000	1909.992	1910.000	20°C/3.45V
2	9262/9538	1852.4/1907.6	1850.015	1850.000	1909.985	1910.000	50°C/3.85V
2	9262/9538	1852.4/1907.6	1850.023	1850.000	1909.992	1910.000	40°C/3.85V
2	9262/9538	1852.4/1907.6	1850.016	1850.000	1909.955	1910.000	30°C/3.85V
2	9262/9538	1852.4/1907.6	1850.006	1850.000	1909.977	1910.000	20°C/3.85V
2	9262/9538	1852.4/1907.6	1850.049	1850.000	1909.957	1910.000	10°C/3.85V
2	9262/9538	1852.4/1907.6	1850.048	1850.000	1909.999	1910.000	0°C/3.85V
2	9262/9538	1852.4/1907.6	1850.035	1850.000	1909.969	1910.000	-10°C/3.85V
2	9262/9538	1852.4/1907.6	1850.036	1850.000	1909.994	1910.000	-20°C/3.85V
2	9262/9538	1852.4/1907.6	1850.023	1850.000	1909.956	1910.000	-30°C/3.85V

Band	Channel (Low/High)	Freq (MHz)	Lower Edge (MHz) (Result)	Limit (1710MHz)	Upper Edge (MHz) (Result)	Limit (1755MHz)	Environment
4	1312/1513	1712.4/1752.6	1710.005	1710.000	1754.939	1755.000	20°C/4.40V
4	1312/1513	1712.4/1752.6	1710.099	1710.000	1754.969	1755.000	20°C/3.45V
4	1312/1513	1712.4/1752.6	1710.056	1710.000	1754.941	1755.000	50°C/3.85V
4	1312/1513	1712.4/1752.6	1710.080	1710.000	1754.964	1755.000	40°C/3.85V
4	1312/1513	1712.4/1752.6	1710.072	1710.000	1754.944	1755.000	30°C/3.85V
4	1312/1513	1712.4/1752.6	1710.011	1710.000	1754.965	1755.000	20°C/3.85V
4	1312/1513	1712.4/1752.6	1710.076	1710.000	1754.967	1755.000	10°C/3.85V
4	1312/1513	1712.4/1752.6	1710.089	1710.000	1754.927	1755.000	0°C/3.85V
4	1312/1513	1712.4/1752.6	1710.053	1710.000	1754.956	1755.000	-10°C/3.85V
4	1312/1513	1712.4/1752.6	1710.043	1710.000	1754.929	1755.000	-20°C/3.85V
4	1312/1513	1712.4/1752.6	1710.097	1710.000	1754.909	1755.000	-30°C/3.85V