

Appendix B

Test Information:

Sample No.:	2YCX-1	Test Date:	2025/02/27~2025/03/28
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Lin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.2-25.4	Relative Humidity: (%)	28-35	ATM Pressure: (kPa)	101.3
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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	20.15	17.45	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	19.22	16.52	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	19.02	16.32	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	18.63	15.93	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	18.61	15.91	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	18.49	15.79	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	19.19	16.49	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	18.15	15.45	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	19.2	16.50	33.01	PASS
2	9538	1907.6	HSUPA Subtest-5	18.14	15.44	33.01	PASS
2	9538	1907.6	HSPA +	19.32	16.62	33.01	PASS
2	9400	1880.0	RMC	20.24	17.54	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	19.26	16.56	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	19.13	16.43	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	18.71	16.01	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	18.72	16.02	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	18.74	16.04	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	19.25	16.55	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	18.3	15.60	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	19.27	16.57	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	18.25	15.55	33.01	PASS
2	9400	1880.0	HSPA +	19.28	16.58	33.01	PASS
2	9262	1852.4	RMC	19.98	17.28	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	19.35	16.65	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	19.12	16.42	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	18.77	16.07	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	18.74	16.04	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	18.72	16.02	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	19.28	16.58	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	18.31	15.61	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	19.27	16.57	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	18.27	15.57	33.01	PASS
2	9262	1852.4	HSPA +	19.39	16.69	33.01	PASS
5	4233	846.6	RMC	23.19	17.94	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	22.27	17.02	38.45	PASS
5	4233	846.6	HSDPA Subtest-2	22.24	16.99	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	21.78	16.53	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	21.75	16.50	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	21.67	16.42	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	22.32	17.07	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	21.3	16.05	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	22.29	17.04	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	21.28	16.03	38.45	PASS
5	4233	846.6	HSPA +	22.45	17.20	38.45	PASS
5	4182	836.4	RMC	23.15	17.90	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	22.2	16.95	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	22.06	16.81	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	21.64	16.39	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	21.64	16.39	38.45	PASS
5	4182	836.4	HSUPA Subtest-1	21.39	16.14	38.45	PASS
5	4182	836.4	HSUPA Subtest-2	22.14	16.89	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	21.09	15.84	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	22.18	16.93	38.45	PASS
5	4182	836.4	HSUPA Subtest-5	21.08	15.83	38.45	PASS
5	4233	846.6	HSPA +	22.14	16.89	38.45	PASS
5	4132	826.4	RMC	23.12	17.87	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	21.82	16.57	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	21.59	16.34	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	21.19	15.94	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	21.17	15.92	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	20.99	15.74	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	21.76	16.51	38.45	PASS
5	4132	826.4	HSUPA Subtest-3	20.74	15.49	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	21.82	16.57	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	20.72	15.47	38.45	PASS
5	4132	826.4	HSPA +	21.58	16.33	38.45	PASS

Note 1: ERP for the WCDMA Band 5, EIRP for the WCDMA Band 2.

Note 2: ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)

Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15;

Note 3: EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

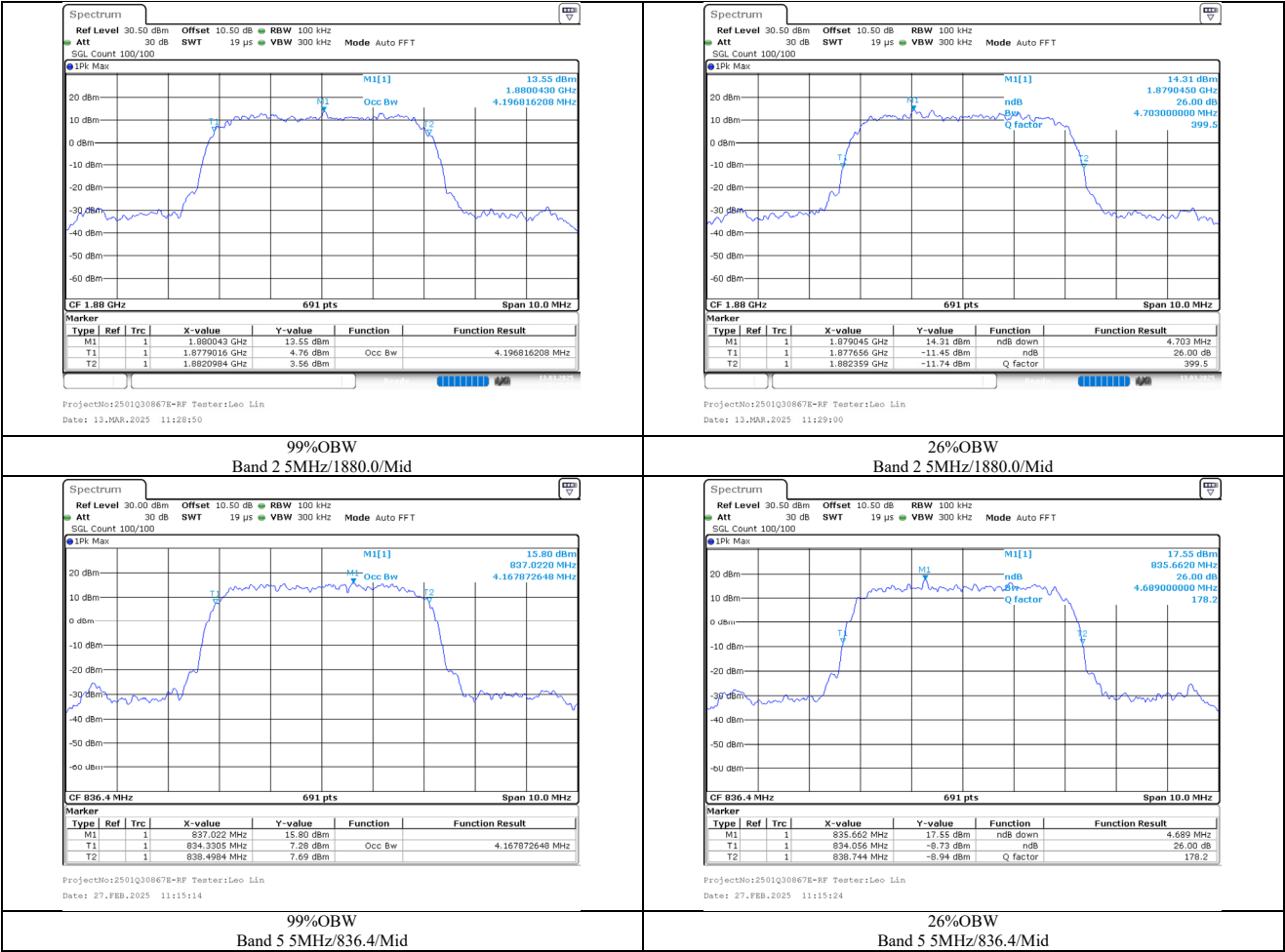
Note 4: Antenna gain is -3.1dBi(B5), -2.7dBi(B2); Cable loss=0dB.

Peak to Average Ratio

Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.28	13	PASS
2	9400	1880.0	3.25	13	PASS
2	9262	1852.4	3.25	13	PASS
5	4233	846.6	3.22	13	PASS
5	4182	836.4	3.10	13	PASS
5	4132	826.4	3.13	13	PASS

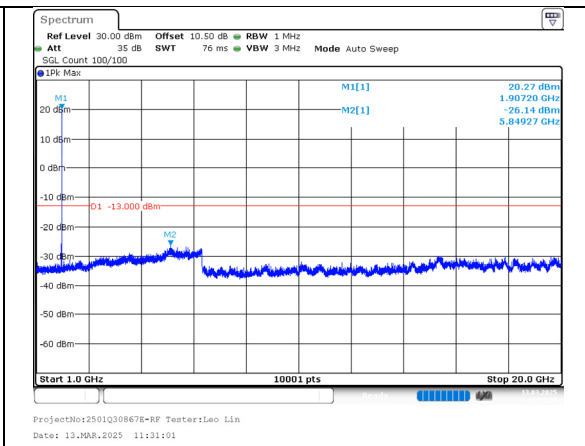
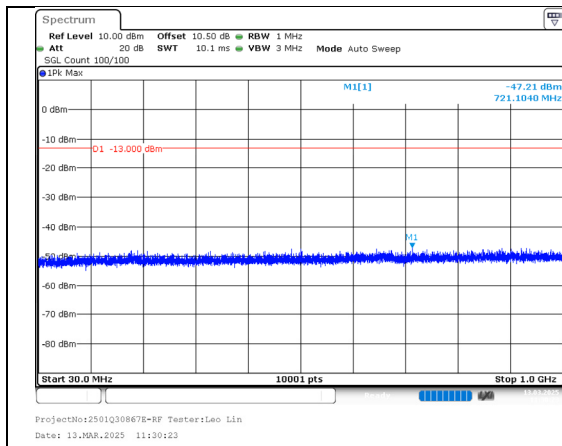
Occupied Bandwidth

Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1968	4.703	PASS
5	4182	836.4	4.1679	4.689	PASS



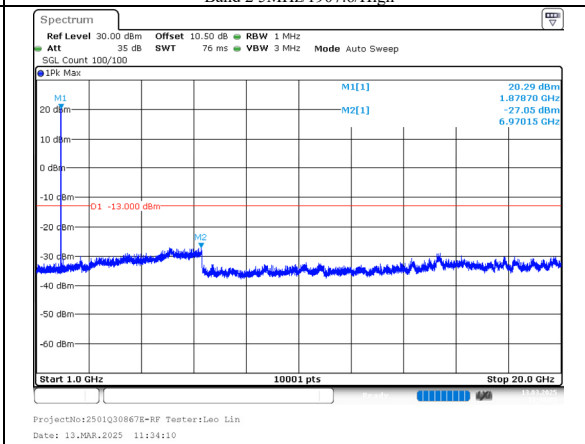
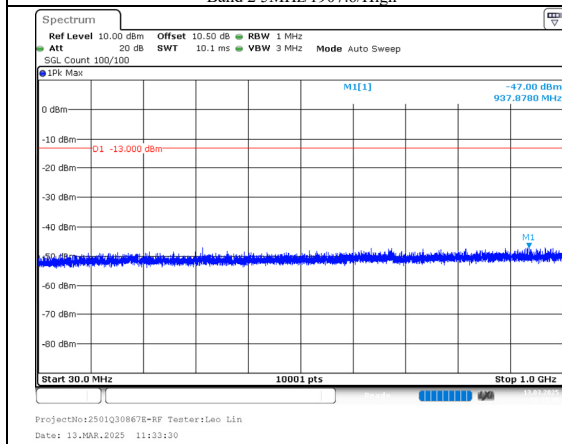
Conducted Spurious Emissions

Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
2	9538	1907.6	30.0	1000.0	-47.21	-13	PASS
2	9538	1907.6	1000.0	20000.0	-26.14	-13	PASS
2	9400	1880.0	30.0	1000.0	-47.0	-13	PASS
2	9400	1880.0	1000.0	20000.0	-27.05	-13	PASS
2	9262	1852.4	30.0	1000.0	-46.56	-13	PASS
2	9262	1852.4	1000.0	20000.0	-27.25	-13	PASS
5	4233	846.6	30.0	1000.0	-42.3	-13	PASS
5	4233	846.6	1000.0	10000.0	-40.13	-13	PASS
5	4182	836.4	30.0	1000.0	-42.12	-13	PASS
5	4182	836.4	1000.0	10000.0	-40.01	-13	PASS
5	4132	826.4	30.0	1000.0	-41.93	-13	PASS
5	4132	826.4	1000.0	10000.0	-41.73	-13	PASS



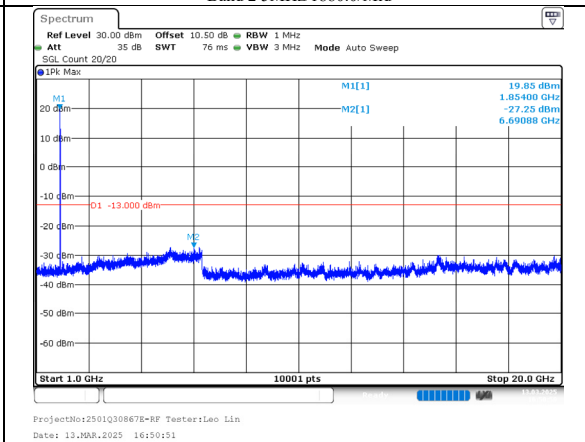
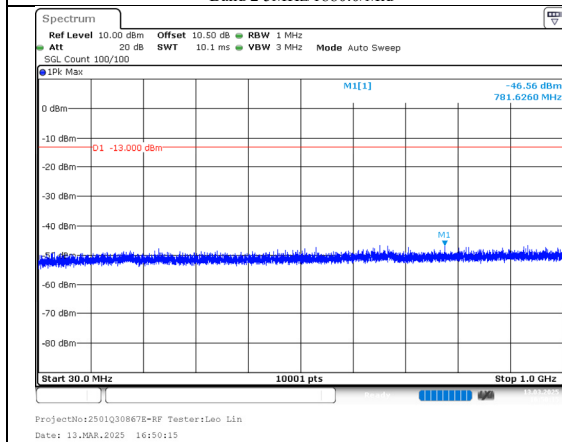
30.0MHz-1000.0MHz
Band 2 5MHz/1907.6/High

1000.0MHz-20000.0MHz
Band 2 5MHz/1907.6/High



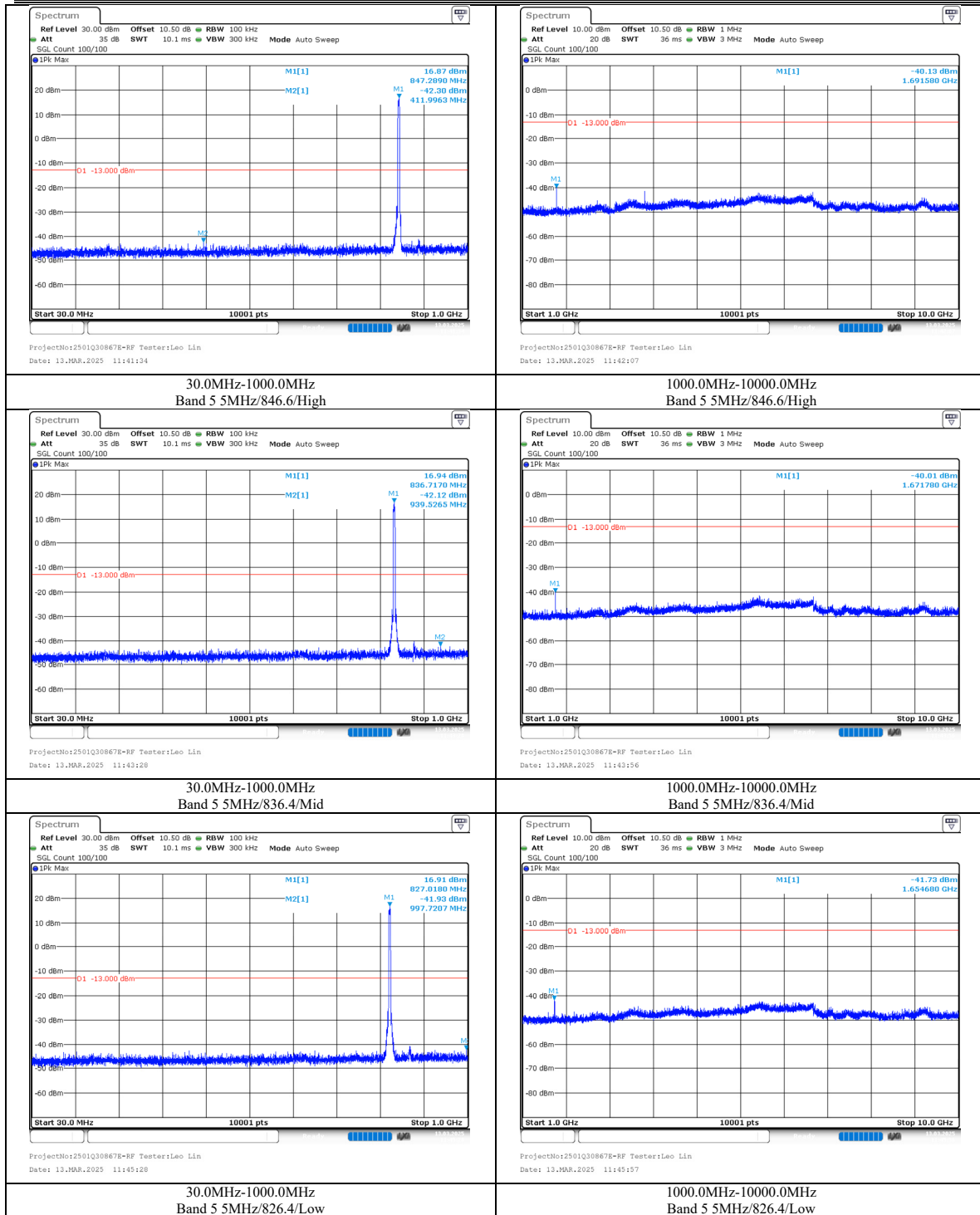
30.0MHz-1000.0MHz
Band 2 5MHz/1880.0/Mid

1000.0MHz-20000.0MHz
Band 2 5MHz/1880.0/Mid



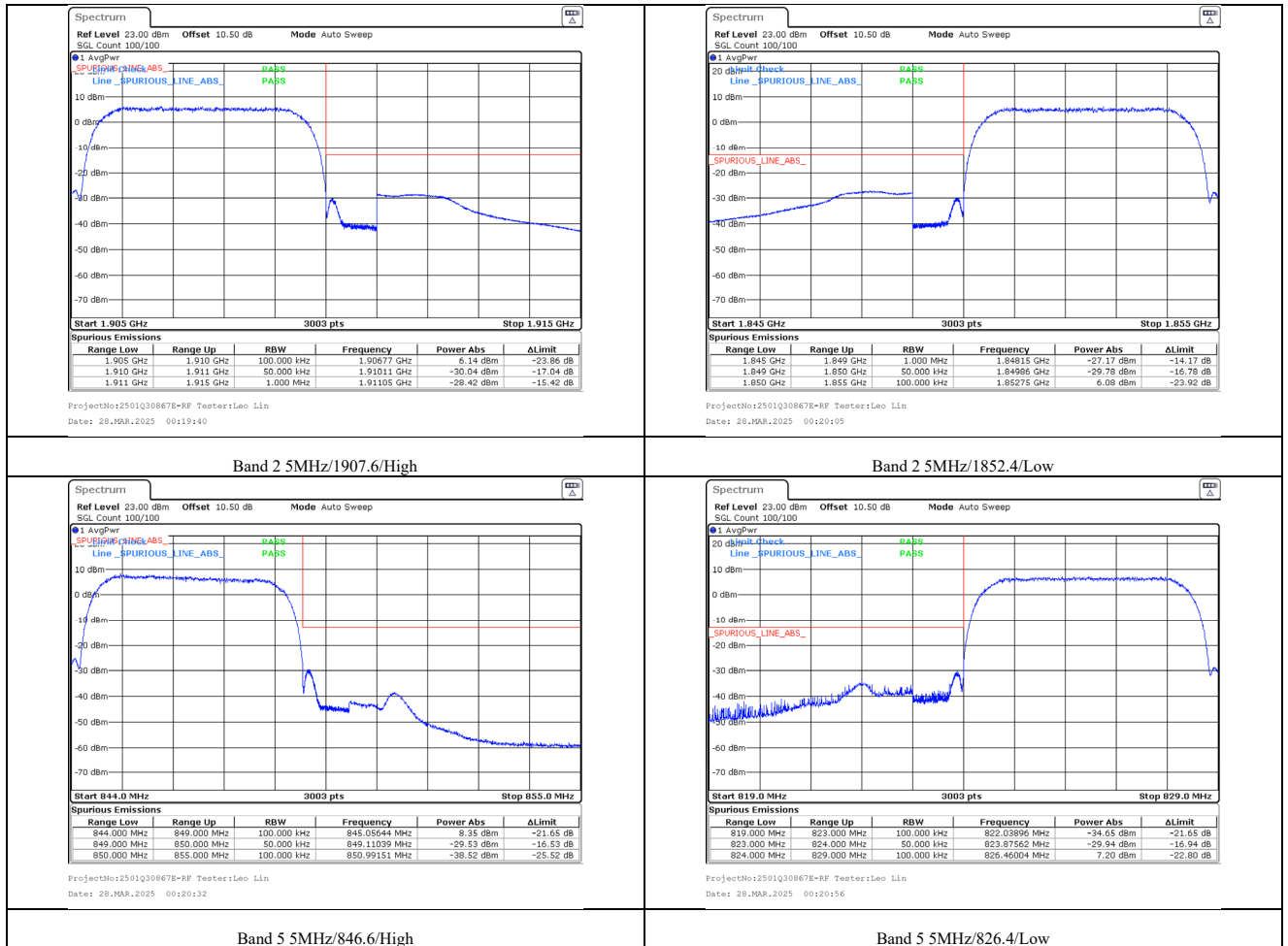
30.0MHz-1000.0MHz
Band 2 5MHz/1852.4/Low

1000.0MHz-20000.0MHz
Band 2 5MHz/1852.4/Low



Conducted Band Edge

Band	Channel	Freq (MHz)	Result	Verdict
2	9538	1907.6	see graph	PASS
2	9262	1852.4	see graph	PASS
5	4233	846.6	see graph	PASS
5	4132	826.4	see graph	PASS



Frequency Stability Error

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	4233	846.6	4.02	0.00474	±2.5	PASS	20°C/4.35V
5	4233	846.6	-2.76	-0.00326	±2.5	PASS	20°C/3.45V
5	4233	846.6	1.93	0.00227	±2.5	PASS	50°C/3.80V
5	4233	846.6	4.95	0.00585	±2.5	PASS	40°C/3.80V
5	4233	846.6	-5.80	-0.00685	±2.5	PASS	30°C/3.80V
5	4233	846.6	4.33	0.00512	±2.5	PASS	20°C/3.80V
5	4233	846.6	-1.31	-0.00155	±2.5	PASS	10°C/3.80V
5	4233	846.6	-6.03	-0.00712	±2.5	PASS	0°C/3.80V
5	4233	846.6	5.70	0.00673	±2.5	PASS	-10°C/3.80V
5	4233	846.6	0.36	0.00042	±2.5	PASS	-20°C/3.80V
5	4233	846.6	-3.50	-0.00413	±2.5	PASS	-30°C/3.80V
5	4182	836.4	-0.87	-0.00104	±2.5	PASS	20°C/4.35V
5	4182	836.4	-0.48	-0.00057	±2.5	PASS	20°C/3.45V
5	4182	836.4	-6.34	-0.00758	±2.5	PASS	50°C/3.80V
5	4182	836.4	-5.10	-0.00610	±2.5	PASS	40°C/3.80V
5	4182	836.4	2.54	0.00304	±2.5	PASS	30°C/3.80V
5	4182	836.4	1.42	0.00170	±2.5	PASS	20°C/3.80V
5	4182	836.4	2.85	0.00340	±2.5	PASS	10°C/3.80V
5	4182	836.4	-0.16	-0.00019	±2.5	PASS	0°C/3.80V
5	4182	836.4	-5.44	-0.00650	±2.5	PASS	-10°C/3.80V
5	4182	836.4	0.46	0.00055	±2.5	PASS	-20°C/3.80V
5	4182	836.4	-7.75	-0.00927	±2.5	PASS	-30°C/3.80V
5	4132	826.4	-1.89	-0.00228	±2.5	PASS	20°C/4.35V
5	4132	826.4	5.50	0.00666	±2.5	PASS	20°C/3.45V
5	4132	826.4	3.14	0.00380	±2.5	PASS	50°C/3.80V
5	4132	826.4	-2.84	-0.00343	±2.5	PASS	40°C/3.80V
5	4132	826.4	3.84	0.00465	±2.5	PASS	30°C/3.80V
5	4132	826.4	-3.08	-0.00373	±2.5	PASS	20°C/3.80V
5	4132	826.4	-1.36	-0.00164	±2.5	PASS	10°C/3.80V
5	4132	826.4	3.47	0.00420	±2.5	PASS	0°C/3.80V
5	4132	826.4	0.23	0.00028	±2.5	PASS	-10°C/3.80V
5	4132	826.4	-3.68	-0.00446	±2.5	PASS	-20°C/3.80V
5	4132	826.4	3.59	0.00434	±2.5	PASS	-30°C/3.80V

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	1850.024	1850.000	1909.902	1910.000	20°C/3.45V
2	9262/9538	1852.4/1907.6	1850.048	1850.000	1909.982	1910.000	20°C/4.35V
2	9262/9538	1852.4/1907.6	1850.170	1850.000	1909.864	1910.000	50°C/3.80V
2	9262/9538	1852.4/1907.6	1850.172	1850.000	1909.887	1910.000	40°C/3.80V
2	9262/9538	1852.4/1907.6	1850.129	1850.000	1909.828	1910.000	30°C/3.80V
2	9262/9538	1852.4/1907.6	1850.087	1850.000	1909.874	1910.000	20°C/3.80V
2	9262/9538	1852.4/1907.6	1850.155	1850.000	1909.907	1910.000	10°C/3.80V
2	9262/9538	1852.4/1907.6	1850.161	1850.000	1909.793	1910.000	0°C/3.80V
2	9262/9538	1852.4/1907.6	1850.019	1850.000	1909.899	1910.000	-10°C/3.80V
2	9262/9538	1852.4/1907.6	1850.035	1850.000	1909.994	1910.000	-20°C/3.80V
2	9262/9538	1852.4/1907.6	1850.146	1850.000	1909.843	1910.000	-30°C/3.80V