

Appendix C

Test Information:

Sample No.:	2Z1E-1	Test Date:	2025/03/17~2025/03/25
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Lin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.5-25.1.	Relative Humidity: (%)	34-42	ATM Pressure: (kPa)	100.5-101.9
----------------------	------------	------------------------------	-------	------------------------	-------------

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	15.81	14.11	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	15.85	14.15	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	15.66	13.96	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	15.19	13.49	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	15.0	13.3	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	15.14	13.44	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	15.47	13.77	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	14.71	13.01	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	15.12	13.42	33.01	PASS
2	9538	1907.6	HSUPA Subtest-5	14.71	13.01	33.01	PASS
2	9538	1907.6	HSPA+	14.68	12.98	33.01	PASS
2	9400	1880.0	RMC	15.77	14.07	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	15.31	13.61	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	15.52	13.82	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	15.15	13.45	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	15.03	13.33	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	15.09	13.39	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	15.42	13.72	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	14.7	13	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	15.46	13.76	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	14.7	13	33.01	PASS
2	9400	1880.0	HSPA+	14.67	12.97	33.01	PASS
2	9262	1852.4	RMC	15.57	13.87	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	15.88	14.18	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	15.72	14.02	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	15.22	13.52	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	15.1	13.4	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	15.1	13.4	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	15.23	13.53	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	14.8	13.1	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	15.3	13.6	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	14.72	13.02	33.01	PASS
2	9262	1852.4	HSPA+	14.69	12.99	33.01	PASS
5	4233	846.6	RMC	24.05	17.58	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	24.31	17.84	38.45	PASS
5	4233	846.6	HSDPA Subtest-2	24.13	17.66	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	23.73	17.26	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	23.55	17.08	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	23.65	17.18	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	24.07	17.6	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	23.25	16.78	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	24.03	17.56	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	23.19	16.72	38.45	PASS
5	4233	846.6	HSPA+	23.08	16.61	38.45	PASS
5	4182	836.4	RMC	24.21	17.74	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	23.65	17.18	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	23.93	17.46	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	23.58	17.11	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	23.44	16.97	38.45	PASS
5	4182	836.4	HSUPA Subtest-1	23.43	16.96	38.45	PASS
5	4182	836.4	HSUPA Subtest-2	23.8	17.33	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	23.08	16.61	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	23.96	17.49	38.45	PASS

5	4182	836.4	HSUPA Subtest-5	23.07	16.6	38.45	PASS
5	4182	836.4	HSPA+	22.98	15.7	38.45	PASS
5	4132	826.4	RMC	24.39	17.92	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	23.87	17.4	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	24.1	17.63	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	23.73	17.26	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	23.6	17.13	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	23.64	17.17	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	23.65	17.18	38.45	PASS
5	4132	826.4	HSUPA Subtest-3	23.2	16.73	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	23.81	17.34	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	23.23	16.76	38.45	PASS
5	4132	826.4	HSPA+	23.20	16.73	38.45	PASS
4	1513	1752.6	RMC	15.36	12.84	30.00	PASS
4	1513	1752.6	HSDPA Subtest-1	15.26	12.74	30.00	PASS
4	1513	1752.6	HSDPA Subtest-2	15.21	12.69	30.00	PASS
4	1513	1752.6	HSDPA Subtest-3	14.98	12.46	30.00	PASS
4	1513	1752.6	HSDPA Subtest-4	14.84	12.32	30.00	PASS
4	1513	1752.6	HSUPA Subtest-1	14.88	12.36	30.00	PASS
4	1513	1752.6	HSUPA Subtest-2	15.15	12.63	30.00	PASS
4	1513	1752.6	HSUPA Subtest-3	14.56	12.04	30.00	PASS
4	1513	1752.6	HSUPA Subtest-4	14.98	12.46	30.00	PASS
4	1513	1752.6	HSUPA Subtest-5	14.47	11.95	30.00	PASS
4	1513	1752.6	HSPA+	14.42	11.90	30.00	PASS
4	1412	1732.4	RMC	15.59	13.07	30.00	PASS
4	1412	1732.4	HSDPA Subtest-1	15.39	12.87	30.00	PASS
4	1412	1732.4	HSDPA Subtest-2	15.31	12.79	30.00	PASS
4	1412	1732.4	HSDPA Subtest-3	14.95	12.43	30.00	PASS
4	1412	1732.4	HSDPA Subtest-4	14.81	12.29	30.00	PASS
4	1412	1732.4	HSUPA Subtest-1	14.9	12.38	30.00	PASS
4	1412	1732.4	HSUPA Subtest-2	14.98	12.46	30.00	PASS
4	1412	1732.4	HSUPA Subtest-3	14.48	11.96	30.00	PASS
4	1412	1732.4	HSUPA Subtest-4	15.2	12.68	30.00	PASS
4	1412	1732.4	HSUPA Subtest-5	14.47	11.95	30.00	PASS
4	1412	1732.4	HSPA+	14.45	11.93	30.00	PASS
4	1312	1712.4	RMC	15.83	13.31	30.00	PASS
4	1312	1712.4	HSDPA Subtest-1	15.53	13.01	30.00	PASS
4	1312	1712.4	HSDPA Subtest-2	15.3	12.78	30.00	PASS
4	1312	1712.4	HSDPA Subtest-3	14.88	12.36	30.00	PASS
4	1312	1712.4	HSDPA Subtest-4	14.9	12.38	30.00	PASS
4	1312	1712.4	HSUPA Subtest-1	14.96	12.44	30.00	PASS
4	1312	1712.4	HSUPA Subtest-2	15.0	12.48	30.00	PASS
4	1312	1712.4	HSUPA Subtest-3	14.56	12.04	30.00	PASS
4	1312	1712.4	HSUPA Subtest-4	15.11	12.59	30.00	PASS
4	1312	1712.4	HSUPA Subtest-5	14.54	12.02	30.00	PASS
4	1312	1712.4	HSPA+	14.52	12.00	30.00	PASS

Note:

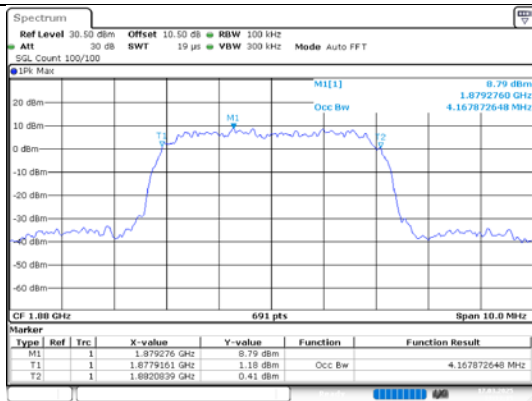
1. Antenna Gain: Band 2= -1.70dBi, Band 4= -2.52dBi, Band 5= -4.32dBi
2. L_c: Band 2= 0dB, Band 4= 0dB, Band 5= 0dB

Peak to Average Ratio

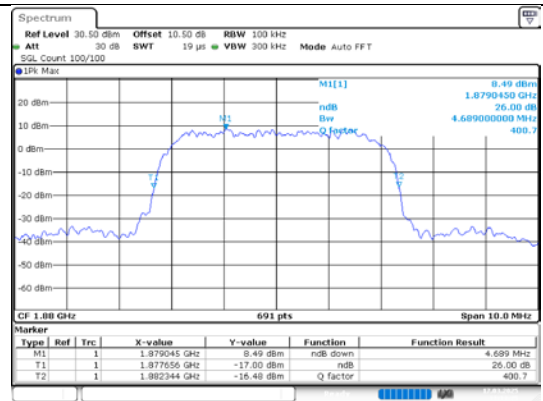
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.25	13	PASS
2	9400	1880.0	3.13	13	PASS
2	9262	1852.4	3.16	13	PASS
5	4233	846.6	3.19	13	PASS
5	4182	836.4	3.19	13	PASS
5	4132	826.4	3.10	13	PASS
4	1513	1752.6	3.30	13	PASS
4	1412	1732.4	3.22	13	PASS
4	1312	1712.4	3.30	13	PASS

Occupied Bandwidth

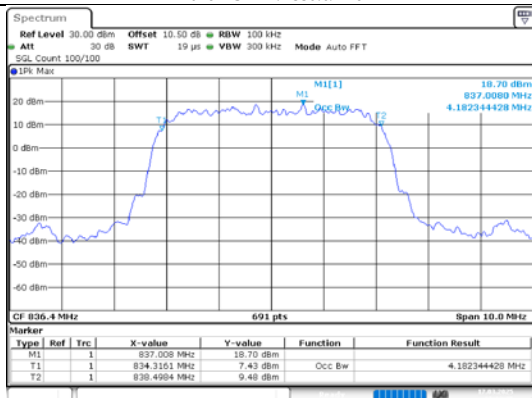
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1679	4.689	PASS
5	4182	836.4	4.1823	4.674	PASS
4	1412	1732.4	4.1968	4.718	PASS



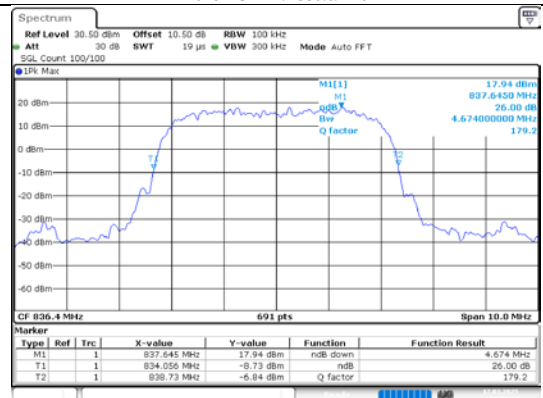
99%OBW
Band 2 5MHz/1880.0/Mid



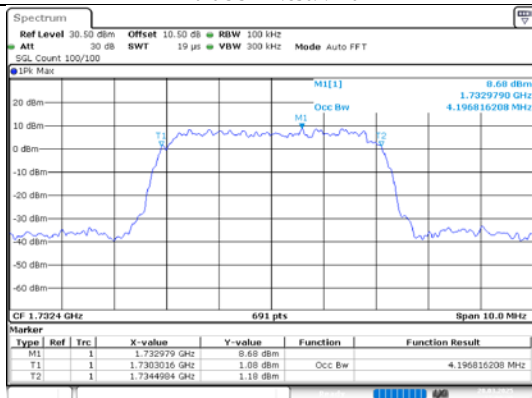
26%OBW
Band 2 5MHz/1880.0/Mid



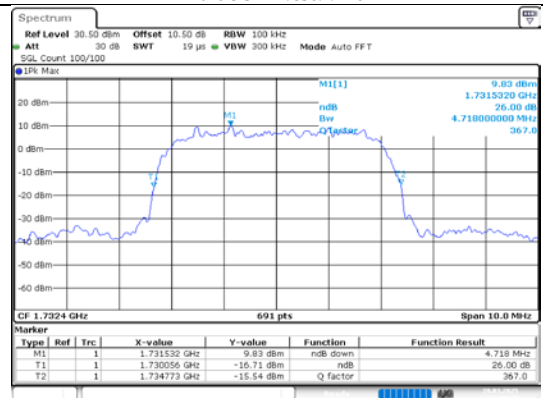
99%OBW
Band 5 5MHz/836.4/Mid



26%OBW
Band 5 5MHz/836.4/Mid

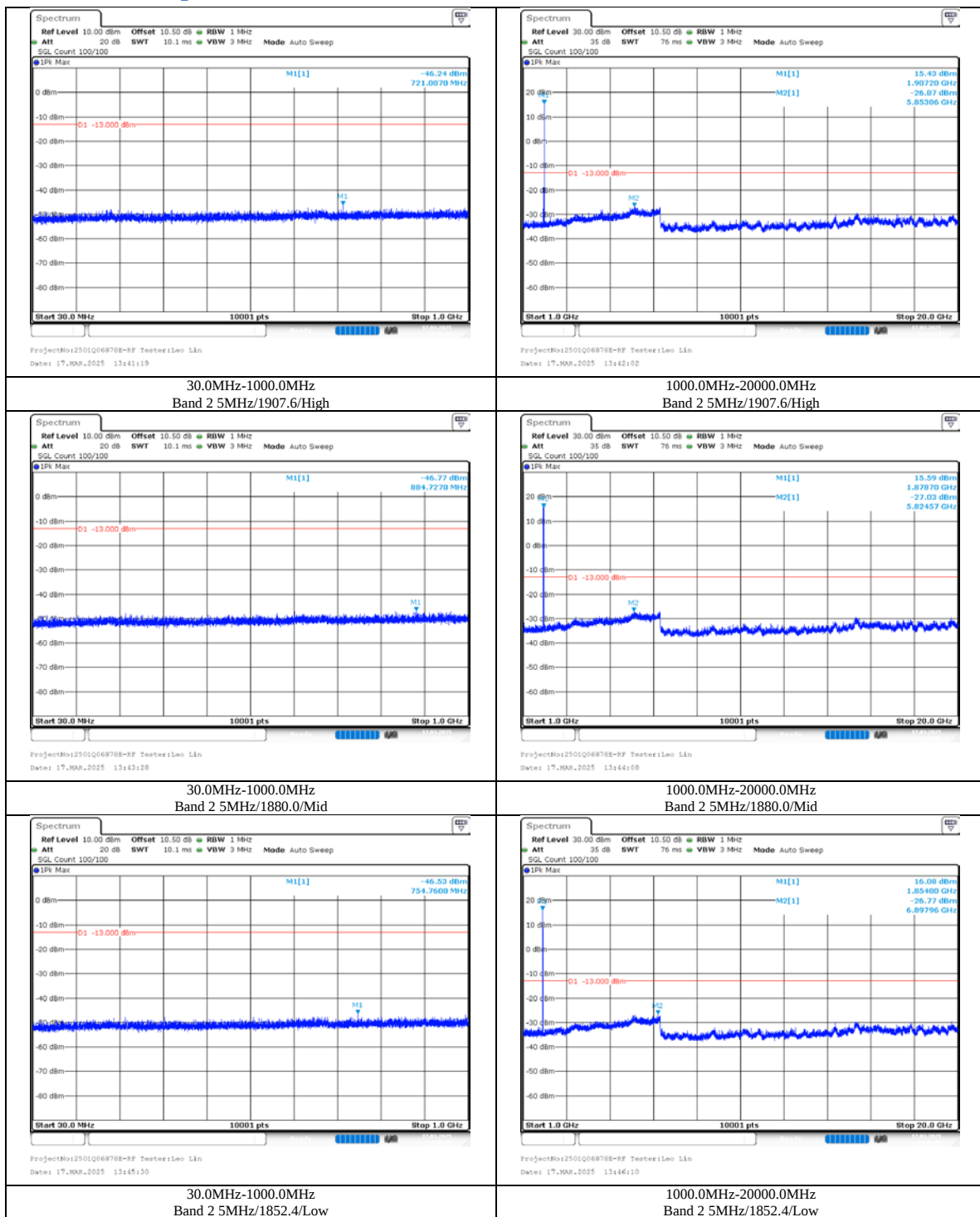


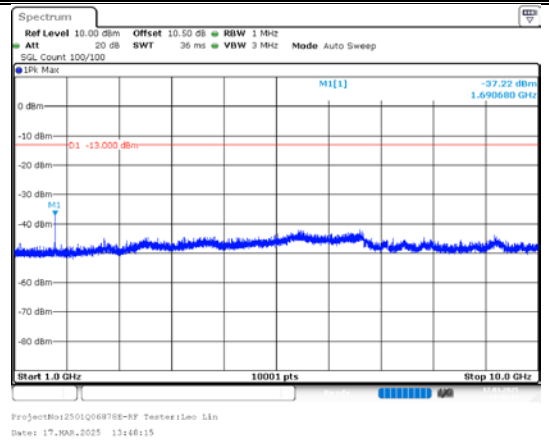
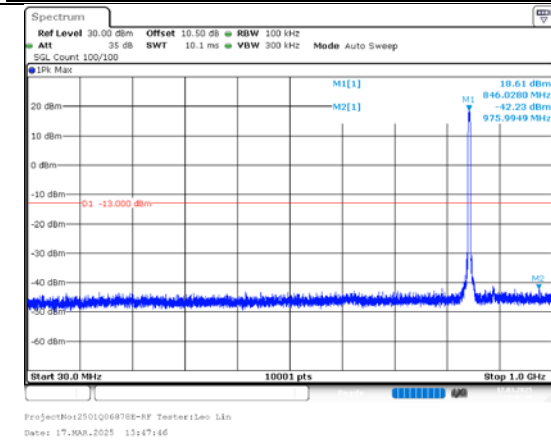
99%OBW
Band 4 5MHz/1732.4/Mid



26%OBW
Band 4 5MHz/1732.4/Mid

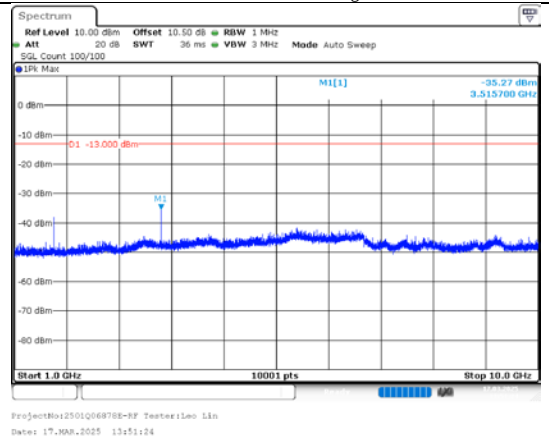
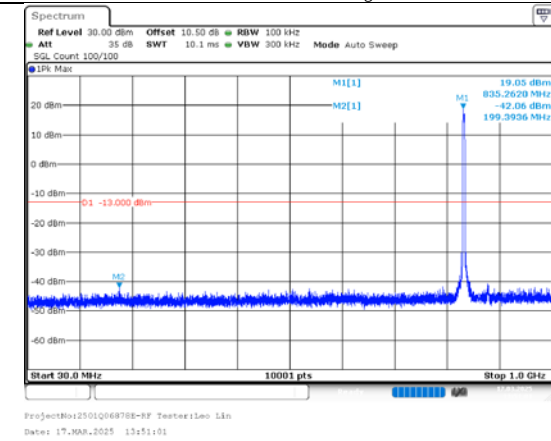
Conducted Spurious Emissions





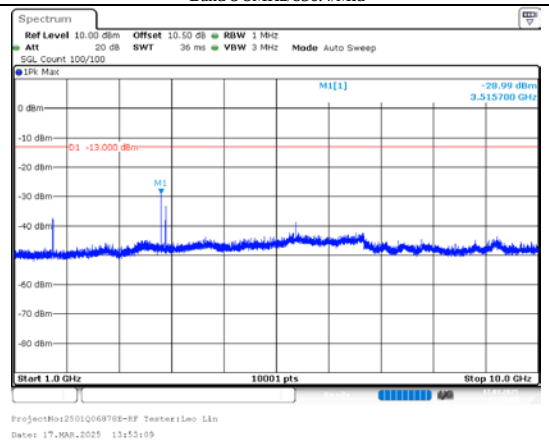
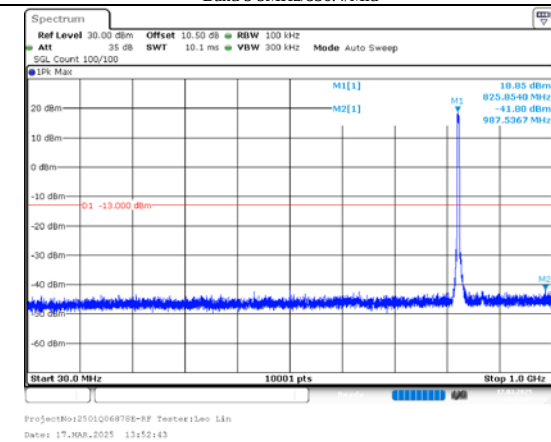
30.0MHz-1000.0MHz
Band 5 5MHz/846.6/High

1000.0MHz-10000.0MHz
Band 5 5MHz/846.6/High



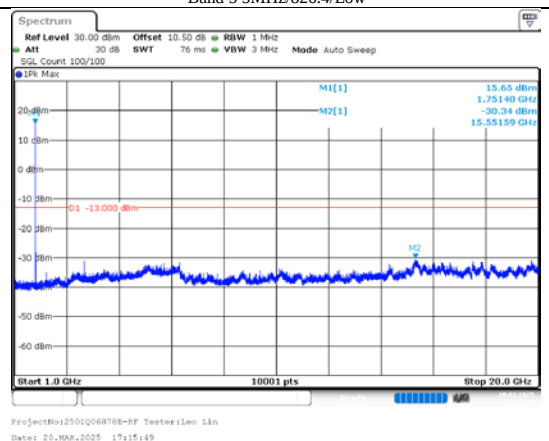
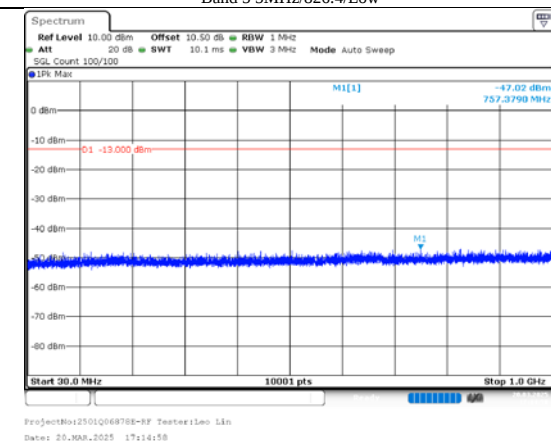
30.0MHz-1000.0MHz
Band 5 5MHz/836.4/Mid

1000.0MHz-10000.0MHz
Band 5 5MHz/836.4/Mid



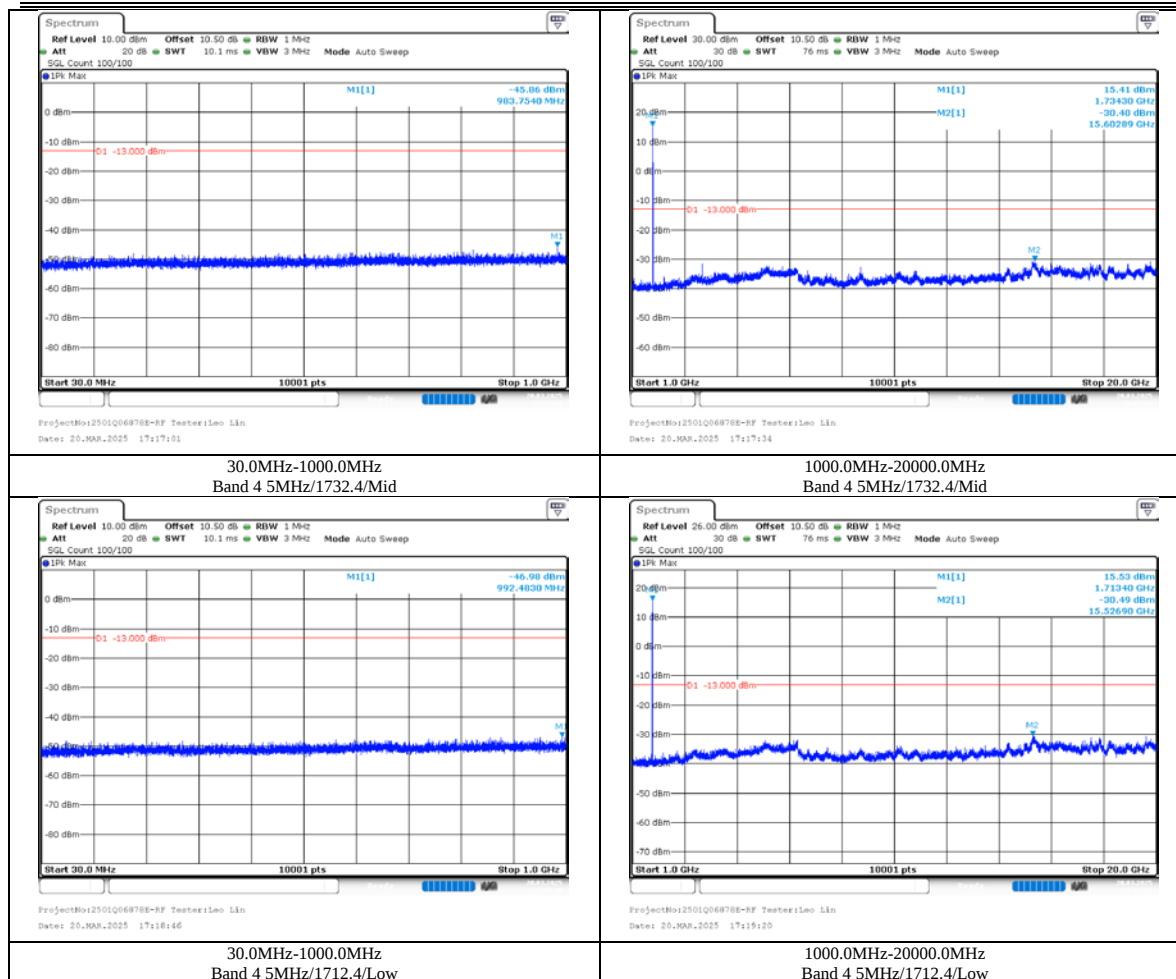
30.0MHz-1000.0MHz
Band 5 5MHz/826.4/Low

1000.0MHz-10000.0MHz
Band 5 5MHz/826.4/Low



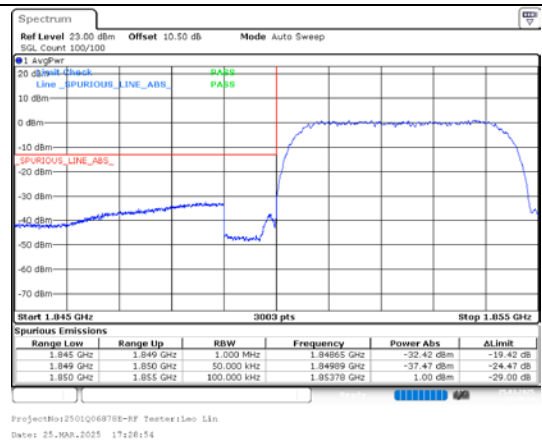
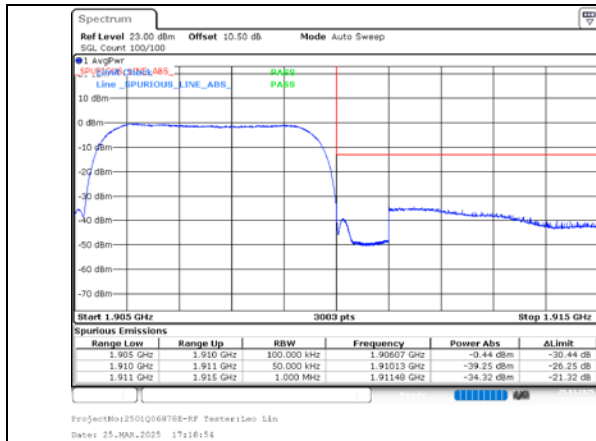
30.0MHz-1000.0MHz
Band 4 5MHz/1752.6/High

1000.0MHz-20000.0MHz
Band 4 5MHz/1752.6/High



Conducted Band Edge

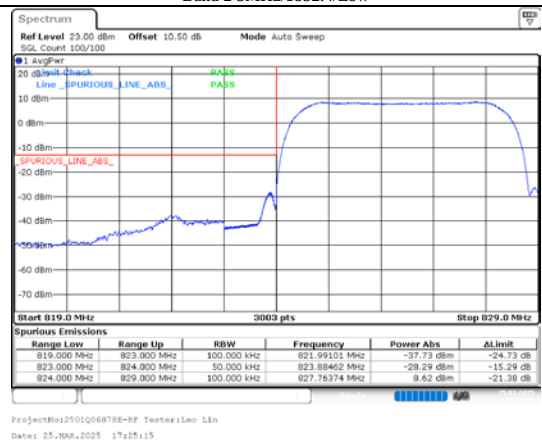
Band	Channel	Freq (MHz)	Result	Verdict
2	9538	1907.6	see graph	PASS
2	9262	1852.4	see graph	PASS
5	4233	846.6	see graph	PASS
5	4132	826.4	see graph	PASS
4	1513	1752.6	see graph	PASS
4	1312	1712.4	see graph	PASS



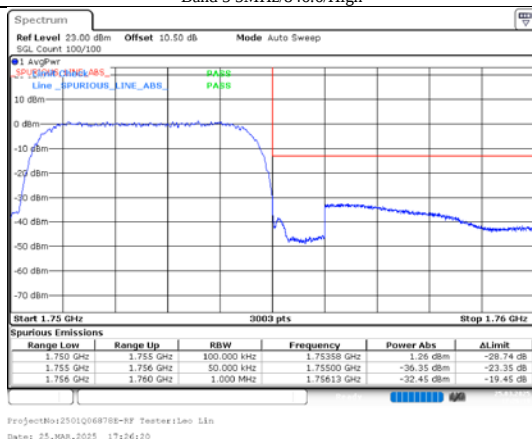
Band 2 5MHz/1907.6/High



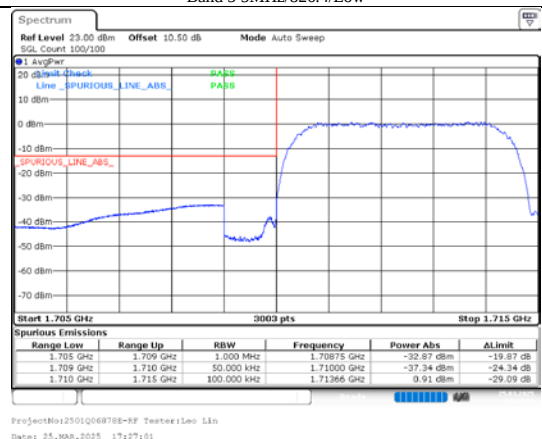
Band 2 5MHz/1852.4/Low



Band 5 5MHz/846.6/High



Band 5 5MHz/826.4/Low



Band 4 5MHz/1752.6/High

Band 4 5MHz/1712.4/Low

Frequency Stability Error

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	4233	846.6	4.15	0.00490	±2.5	PASS	20°C/4.48V
5	4233	846.6	-2.77	-0.00327	±2.5	PASS	20°C/3.45V
5	4233	846.6	1.55	0.00183	±2.5	PASS	50°C/3.89V
5	4233	846.6	5.44	0.00643	±2.5	PASS	40°C/3.89V
5	4233	846.6	-5.90	-0.00697	±2.5	PASS	30°C/3.89V
5	4233	846.6	3.83	0.00452	±2.5	PASS	20°C/3.89V
5	4233	846.6	-1.60	-0.00189	±2.5	PASS	10°C/3.89V
5	4233	846.6	-6.47	-0.00764	±2.5	PASS	0°C/3.89V
5	4233	846.6	5.34	0.00631	±2.5	PASS	-10°C/3.89V
5	4233	846.6	0.50	0.00059	±2.5	PASS	-20°C/3.89V
5	4233	846.6	-3.14	-0.00371	±2.5	PASS	-30°C/3.89V
5	4182	836.4	-1.25	-0.00149	±2.5	PASS	20°C/4.48V
5	4182	836.4	-0.41	-0.00049	±2.5	PASS	20°C/3.45V
5	4182	836.4	-6.46	-0.00772	±2.5	PASS	50°C/3.89V
5	4182	836.4	-4.66	-0.00557	±2.5	PASS	40°C/3.89V
5	4182	836.4	3.12	0.00373	±2.5	PASS	30°C/3.89V
5	4182	836.4	1.60	0.00191	±2.5	PASS	20°C/3.89V
5	4182	836.4	2.16	0.00258	±2.5	PASS	10°C/3.89V
5	4182	836.4	0.05	0.00006	±2.5	PASS	0°C/3.89V
5	4182	836.4	-5.49	-0.00656	±2.5	PASS	-10°C/3.89V
5	4182	836.4	0.02	0.00002	±2.5	PASS	-20°C/3.89V
5	4182	836.4	-8.50	-0.01016	±2.5	PASS	-30°C/3.89V
5	4132	826.4	-2.15	-0.00260	±2.5	PASS	20°C/4.48V
5	4132	826.4	4.61	0.00558	±2.5	PASS	20°C/3.45V
5	4132	826.4	3.05	0.00369	±2.5	PASS	50°C/3.89V
5	4132	826.4	-2.70	-0.00327	±2.5	PASS	40°C/3.89V
5	4132	826.4	3.83	0.00463	±2.5	PASS	30°C/3.89V
5	4132	826.4	-3.20	-0.00387	±2.5	PASS	20°C/3.89V
5	4132	826.4	-0.88	-0.00106	±2.5	PASS	10°C/3.89V
5	4132	826.4	3.57	0.00432	±2.5	PASS	0°C/3.89V
5	4132	826.4	0.55	0.00067	±2.5	PASS	-10°C/3.89V
5	4132	826.4	-3.72	-0.00450	±2.5	PASS	-20°C/3.89V
5	4132	826.4	3.20	0.00387	±2.5	PASS	-30°C/3.89V

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	1850.035	1850.000	1909.930	1910.000	20°C/4.48V
2	9262/9538	1852.4/1907.6	1850.051	1850.000	1909.989	1910.000	20°C/3.45V
2	9262/9538	1852.4/1907.6	1850.144	1850.000	1909.849	1910.000	50°C/3.89V
2	9262/9538	1852.4/1907.6	1850.175	1850.000	1909.915	1910.000	40°C/3.89V
2	9262/9538	1852.4/1907.6	1850.108	1850.000	1909.795	1910.000	30°C/3.89V
2	9262/9538	1852.4/1907.6	1850.071	1850.000	1909.836	1910.000	20°C/3.89V
2	9262/9538	1852.4/1907.6	1850.191	1850.000	1909.919	1910.000	10°C/3.89V
2	9262/9538	1852.4/1907.6	1850.122	1850.000	1909.797	1910.000	0°C/3.89V
2	9262/9538	1852.4/1907.6	1850.031	1850.000	1909.903	1910.000	-10°C/3.89V
2	9262/9538	1852.4/1907.6	1850.083	1850.000	1909.978	1910.000	-20°C/3.89V
2	9262/9538	1852.4/1907.6	1850.125	1850.000	1909.909	1910.000	-30°C/3.89V

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	1710.072	1710.000	1754.929	1755.000	20°C/4.48V
4	1312/1513	1712.4/1752.6	1710.089	1710.000	1754.942	1755.000	20°C/3.45V
4	1312/1513	1712.4/1752.6	1710.081	1710.000	1754.958	1755.000	50°C/3.89V
4	1312/1513	1712.4/1752.6	1710.073	1710.000	1754.949	1755.000	40°C/3.89V
4	1312/1513	1712.4/1752.6	1710.076	1710.000	1754.925	1755.000	30°C/3.89V
4	1312/1513	1712.4/1752.6	1710.072	1710.000	1754.976	1755.000	20°C/3.89V
4	1312/1513	1712.4/1752.6	1710.083	1710.000	1754.974	1755.000	10°C/3.89V
4	1312/1513	1712.4/1752.6	1710.074	1710.000	1754.920	1755.000	0°C/3.89V
4	1312/1513	1712.4/1752.6	1710.084	1710.000	1754.921	1755.000	-10°C/3.89V
4	1312/1513	1712.4/1752.6	1710.091	1710.000	1754.977	1755.000	-20°C/3.89V
4	1312/1513	1712.4/1752.6	1710.068	1710.000	1754.960	1755.000	-30°C/3.89V