

Appendix N

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	20.13	19.33	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	20.19	19.39	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	20.04	19.24	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	20.21	19.41	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	19.85	19.05	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	20.47	19.67	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	20.35	19.55	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	20.37	19.57	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	20.21	19.41	33.01	PASS
2	9538	1907.6	HSUPA Subtest-5	20.29	19.49	33.01	PASS
2	9538	1907.6	HSPA+	20.15	19.35	33.01	PASS
2	9400	1880.0	RMC	20.18	19.38	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	20.50	19.70	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	20.35	19.55	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	20.54	19.74	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	20.15	19.35	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	20.76	19.96	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	20.67	19.87	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	20.65	19.85	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	20.62	19.82	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	20.66	19.86	33.01	PASS
2	9400	1880.0	HSPA+	20.34	19.54	33.01	PASS
2	9262	1852.4	RMC	20.94	20.14	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	20.92	20.12	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	20.70	19.90	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	20.87	20.07	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	20.47	19.67	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	21.06	20.26	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	20.96	20.16	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	21.00	20.20	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	20.90	20.10	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	20.95	20.15	33.01	PASS
2	9262	1852.4	HSPA+	20.87	20.07	33.01	PASS
5	4233	846.6	RMC	21.12	13.07	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	20.35	12.30	38.45	PASS
5	4233	846.6	HSDPA Subtest-2	20.16	12.11	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	19.01	10.96	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	18.80	10.75	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	21.12	13.07	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	21.08	13.03	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	21.10	13.05	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	21.01	12.96	38.45	PASS
5	4233	846.6	HSPA+	20.41	12.36	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	21.05	13.00	38.45	PASS
5	4182	836.4	RMC	21.50	13.45	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	20.34	12.29	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	20.04	11.99	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	19.83	11.78	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	19.71	11.66	38.45	PASS
5	4182	836.4	HSUPA Subtest-1	20.99	12.94	38.45	PASS
5	4182	836.4	HSUPA Subtest-2	20.94	12.89	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	20.91	12.86	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	20.91	12.86	38.45	PASS
5	4182	836.4	HSUPA Subtest-5	20.97	12.92	38.45	PASS
5	4182	836.4	HSPA+	20.24	12.19	38.45	PASS
5	4132	826.4	RMC	21.54	13.49	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	20.38	12.33	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	20.02	11.97	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	19.87	11.82	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	19.74	11.69	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	21.02	12.97	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	20.99	12.94	38.45	PASS

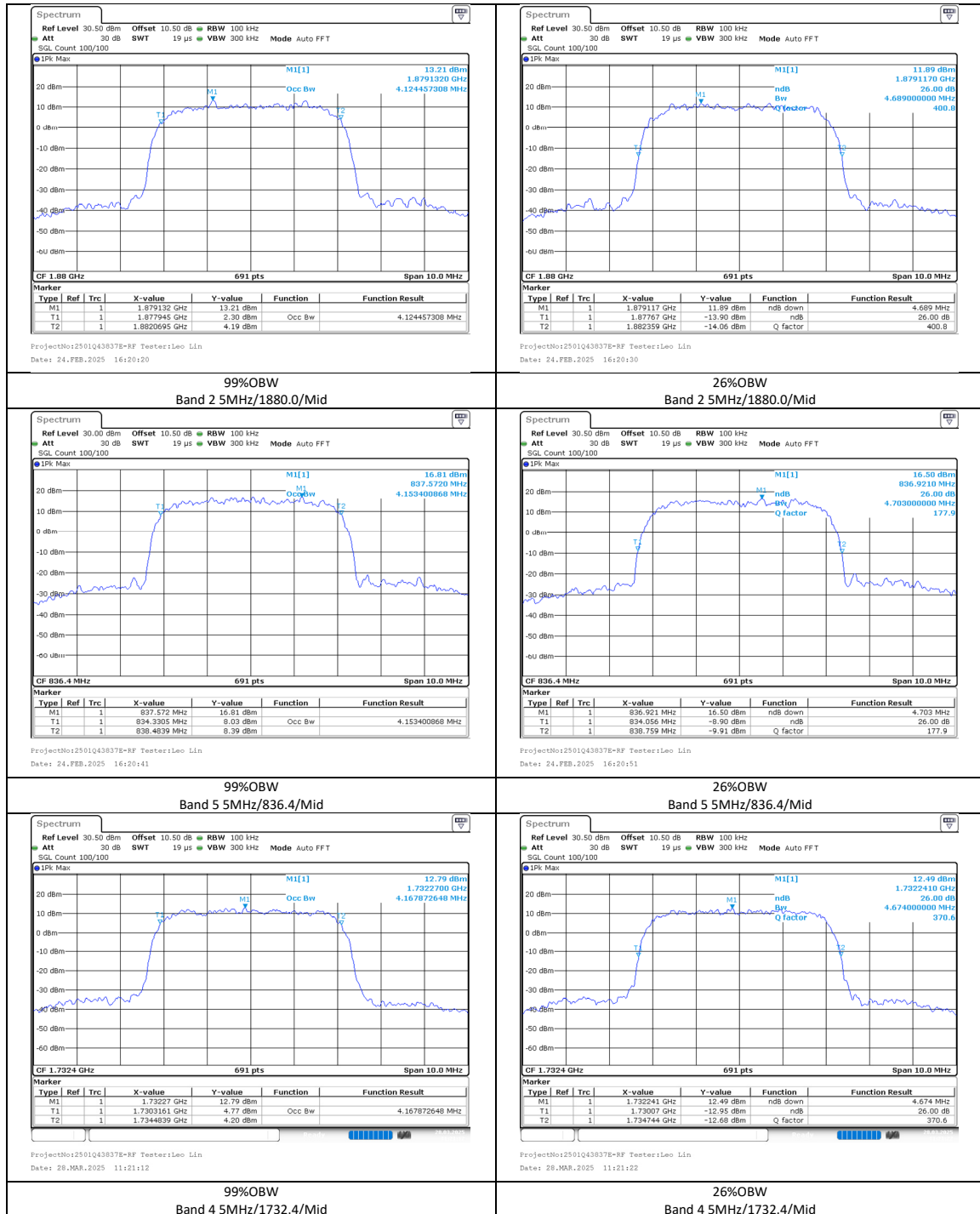
5	4132	826.4	HSUPA Subtest-3	21.06	13.01	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	20.98	12.93	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	21.02	12.97	38.45	PASS
5	4132	826.4	HSPA+	20.29	12.24	38.45	PASS
4	1513	1752.6	RMC	22.41	22.61	30	PASS
4	1513	1752.6	HSDPA Subtest-1	19.33	19.53	30	PASS
4	1513	1752.6	HSDPA Subtest-2	19.63	19.83	30	PASS
4	1513	1752.6	HSDPA Subtest-3	19.56	19.76	30	PASS
4	1513	1752.6	HSDPA Subtest-4	19.32	19.52	30	PASS
4	1513	1752.6	HSUPA Subtest-1	20.70	20.90	30	PASS
4	1513	1752.6	HSUPA Subtest-2	20.71	20.91	30	PASS
4	1513	1752.6	HSUPA Subtest-3	20.82	21.02	30	PASS
4	1513	1752.6	HSUPA Subtest-4	20.75	20.95	30	PASS
4	1513	1752.6	HSUPA Subtest-5	20.83	21.03	30	PASS
4	1513	1752.6	HSPA+	20.45	20.65	30	PASS
4	1412	1732.4	RMC	22.52	22.72	30	PASS
4	1412	1732.4	HSDPA Subtest-1	20.16	20.36	30	PASS
4	1412	1732.4	HSDPA Subtest-2	20.56	20.76	30	PASS
4	1412	1732.4	HSDPA Subtest-3	20.62	20.82	30	PASS
4	1412	1732.4	HSDPA Subtest-4	20.58	20.78	30	PASS
4	1412	1732.4	HSUPA Subtest-1	21.81	22.01	30	PASS
4	1412	1732.4	HSUPA Subtest-2	21.74	21.94	30	PASS
4	1412	1732.4	HSUPA Subtest-3	21.73	21.93	30	PASS
4	1412	1732.4	HSUPA Subtest-4	21.71	21.91	30	PASS
4	1412	1732.4	HSUPA Subtest-5	21.69	21.89	30	PASS
4	1412	1732.4	HSPA+	21.26	21.46	30	PASS
4	1312	1712.4	RMC	22.04	22.24	30	PASS
4	1312	1712.4	HSDPA Subtest-1	19.10	19.30	30	PASS
4	1312	1712.4	HSDPA Subtest-2	19.65	19.85	30	PASS
4	1312	1712.4	HSDPA Subtest-3	19.62	19.82	30	PASS
4	1312	1712.4	HSDPA Subtest-4	19.66	19.86	30	PASS
4	1312	1712.4	HSUPA Subtest-1	20.89	21.09	30	PASS
4	1312	1712.4	HSUPA Subtest-2	20.79	20.99	30	PASS
4	1312	1712.4	HSUPA Subtest-3	20.80	21.00	30	PASS
4	1312	1712.4	HSUPA Subtest-4	20.71	20.91	30	PASS
4	1312	1712.4	HSUPA Subtest-5	20.76	20.96	30	PASS
4	1312	1712.4	HSPA+	20.74	20.94	30	PASS

Peak to Average Ratio

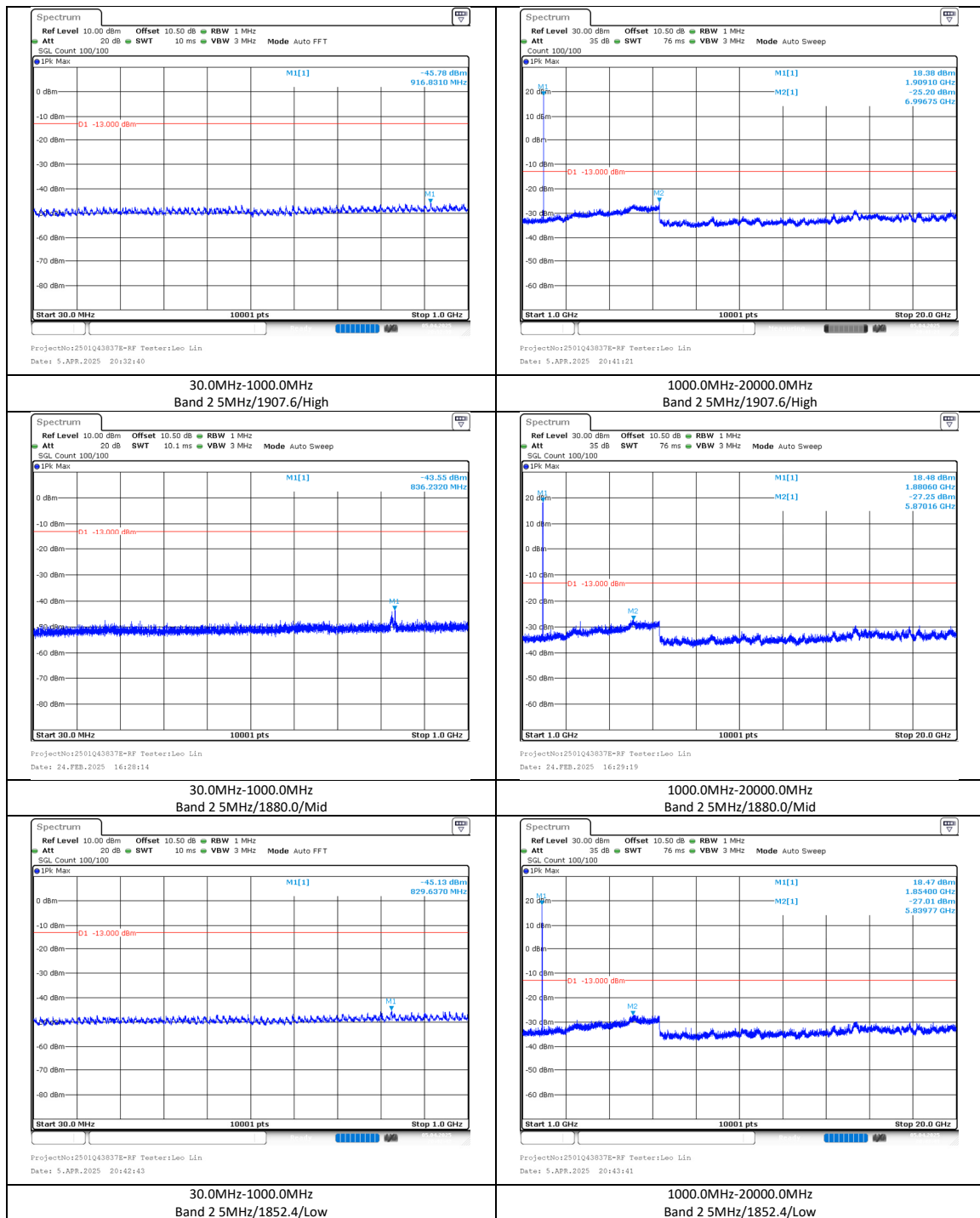
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.16	13	PASS
2	9400	1880.0	3.10	13	PASS
2	9262	1852.4	3.07	13	PASS
5	4233	846.6	3.10	13	PASS
5	4182	836.4	3.04	13	PASS
5	4132	826.4	3.04	13	PASS
4	1513	1752.6	3.16	13	PASS
4	1412	1732.4	3.13	13	PASS
4	1312	1712.4	3.13	13	PASS

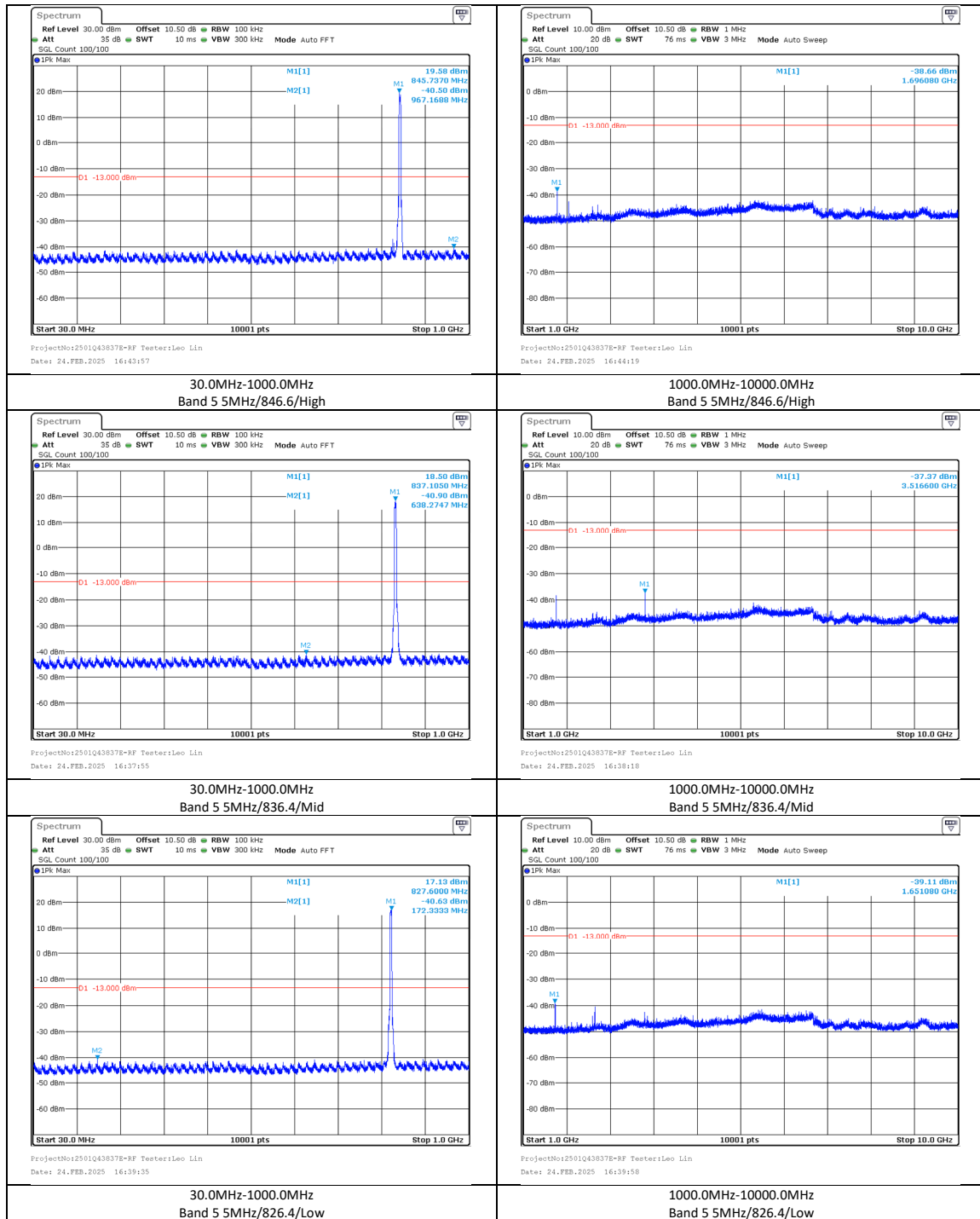
Occupied Bandwidth

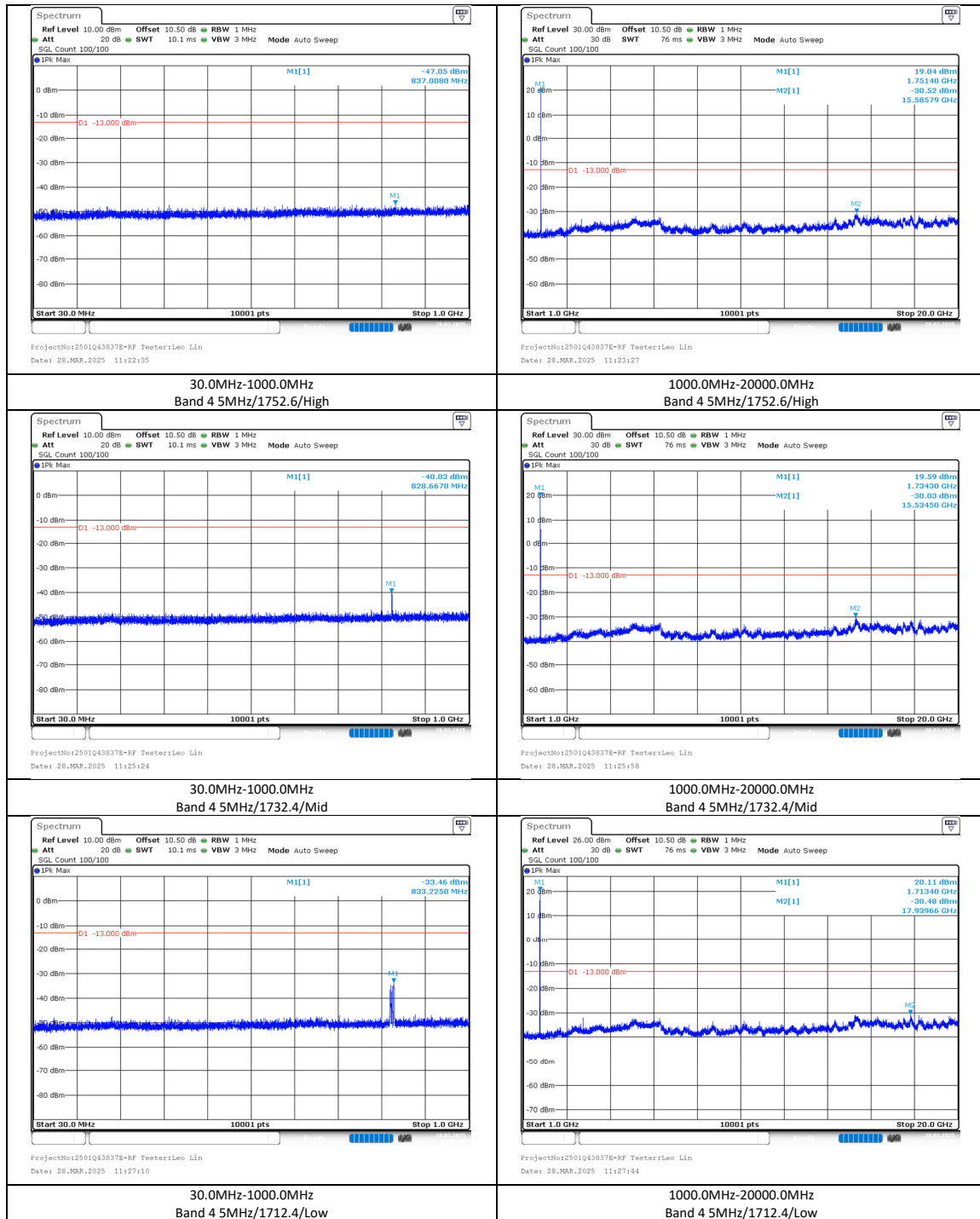
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1245	4.689	PASS
5	4182	836.4	4.1534	4.703	PASS
4	1412	1732.4	4.1679	4.674	PASS



Conducted Spurious Emissions

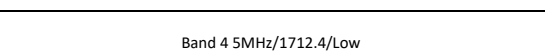
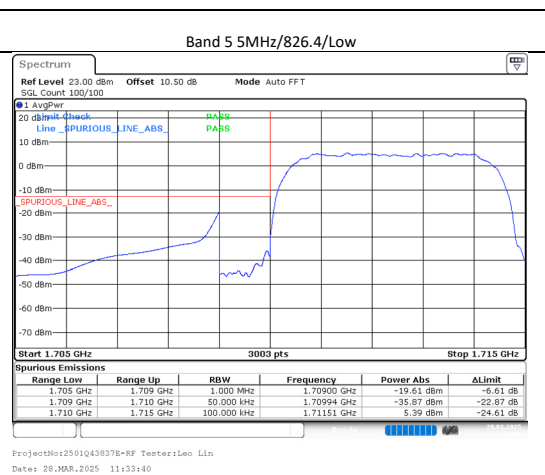
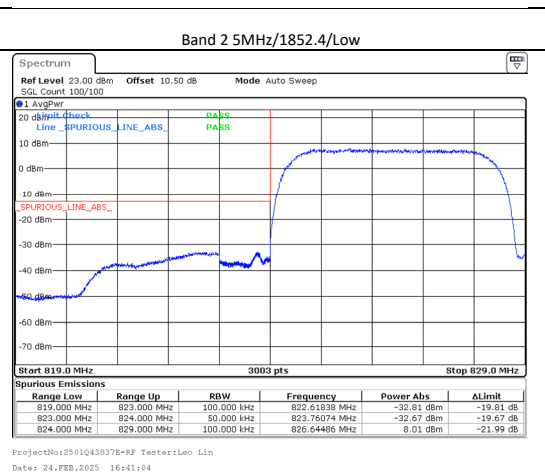
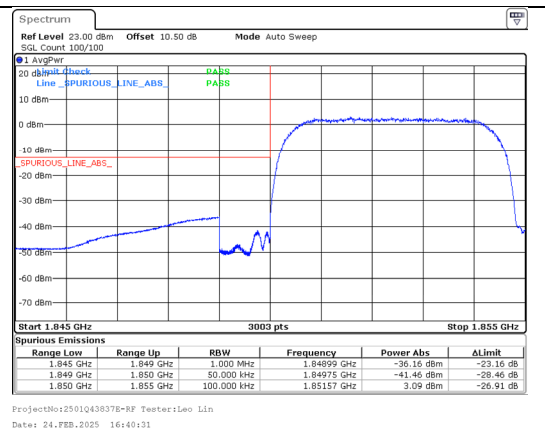






Conducted Band Edge

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



Frequency Stability Error

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	4233	846.6	3.84	0.00454	±2.5	PASS	20°C/4.4V
5	4233	846.6	-2.69	-0.00318	±2.5	PASS	20°C/3.45V
5	4233	846.6	1.89	0.00223	±2.5	PASS	50°C/3.85V
5	4233	846.6	4.92	0.00581	±2.5	PASS	40°C/3.85V
5	4233	846.6	-5.45	-0.00644	±2.5	PASS	30°C/3.85V
5	4233	846.6	4.45	0.00526	±2.5	PASS	20°C/3.85V
5	4233	846.6	-1.23	-0.00145	±2.5	PASS	10°C/3.85V
5	4233	846.6	-5.97	-0.00705	±2.5	PASS	0°C/3.85V
5	4233	846.6	5.56	0.00657	±2.5	PASS	-10°C/3.85V
5	4233	846.6	-0.12	-0.00014	±2.5	PASS	-20°C/3.85V
5	4233	846.6	-3.10	-0.00366	±2.5	PASS	-30°C/3.85V
5	4182	836.4	-1.22	-0.00146	±2.5	PASS	20°C/4.4V
5	4182	836.4	-0.62	-0.00074	±2.5	PASS	20°C/3.45V
5	4182	836.4	-6.70	-0.00801	±2.5	PASS	50°C/3.85V
5	4182	836.4	-5.41	-0.00647	±2.5	PASS	40°C/3.85V
5	4182	836.4	2.50	0.00299	±2.5	PASS	30°C/3.85V
5	4182	836.4	1.36	0.00163	±2.5	PASS	20°C/3.85V
5	4182	836.4	2.79	0.00334	±2.5	PASS	10°C/3.85V
5	4182	836.4	-0.16	-0.00019	±2.5	PASS	0°C/3.85V
5	4182	836.4	-5.44	-0.00650	±2.5	PASS	-10°C/3.85V
5	4182	836.4	0.68	0.00081	±2.5	PASS	-20°C/3.85V
5	4182	836.4	-7.90	-0.00945	±2.5	PASS	-30°C/3.85V
5	4132	826.4	-1.66	-0.00201	±2.5	PASS	20°C/4.4V
5	4132	826.4	5.29	0.00640	±2.5	PASS	20°C/3.45V
5	4132	826.4	3.16	0.00382	±2.5	PASS	50°C/3.85V
5	4132	826.4	-2.52	-0.00305	±2.5	PASS	40°C/3.85V
5	4132	826.4	3.66	0.00443	±2.5	PASS	30°C/3.85V
5	4132	826.4	-3.23	-0.00391	±2.5	PASS	20°C/3.85V
5	4132	826.4	-1.61	-0.00195	±2.5	PASS	10°C/3.85V
5	4132	826.4	3.63	0.00439	±2.5	PASS	0°C/3.85V
5	4132	826.4	0.36	0.00044	±2.5	PASS	-10°C/3.85V
5	4132	826.4	-3.63	-0.00439	±2.5	PASS	-20°C/3.85V
5	4132	826.4	3.48	0.00421	±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	1850.081	1850.000	1909.945	1910.000	20°C/4.4V
2	9262/9538	1852.4/1907.6	1850.120	1850.000	1909.968	1910.000	20°C/3.45V
2	9262/9538	1852.4/1907.6	1850.016	1850.000	1909.879	1910.000	50°C/3.85V
2	9262/9538	1852.4/1907.6	1850.046	1850.000	1909.891	1910.000	40°C/3.85V
2	9262/9538	1852.4/1907.6	1850.014	1850.000	1909.791	1910.000	30°C/3.85V
2	9262/9538	1852.4/1907.6	1850.094	1850.000	1909.866	1910.000	20°C/3.85V
2	9262/9538	1852.4/1907.6	1850.059	1850.000	1909.910	1910.000	10°C/3.85V
2	9262/9538	1852.4/1907.6	1850.150	1850.000	1909.789	1910.000	0°C/3.85V
2	9262/9538	1852.4/1907.6	1850.099	1850.000	1909.864	1910.000	-10°C/3.85V
2	9262/9538	1852.4/1907.6	1850.170	1850.000	1909.986	1910.000	-20°C/3.85V
2	9262/9538	1852.4/1907.6	1850.159	1850.000	1909.844	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	1710.1077	1710.000	1754.9709	1755.000	20°C/4.4V
4	1312/1513	1712.4/1752.6	1710.0372	1710.000	1754.8911	1755.000	20°C/3.45V
4	1312/1513	1712.4/1752.6	1710.0549	1710.000	1754.9237	1755.000	50°C/3.85V
4	1312/1513	1712.4/1752.6	1710.0096	1710.000	1754.8101	1755.000	40°C/3.85V
4	1312/1513	1712.4/1752.6	1710.0917	1710.000	1754.8543	1755.000	30°C/3.85V
4	1312/1513	1712.4/1752.6	1710.0784	1710.000	1754.9355	1755.000	20°C/3.85V
4	1312/1513	1712.4/1752.6	1710.1771	1710.000	1754.7923	1755.000	10°C/3.85V
4	1312/1513	1712.4/1752.6	1710.0774	1710.000	1754.9041	1755.000	0°C/3.85V
4	1312/1513	1712.4/1752.6	1710.1838	1710.000	1754.9459	1755.000	-10°C/3.85V
4	1312/1513	1712.4/1752.6	1710.1650	1710.000	1754.8372	1755.000	-20°C/3.85V
4	1312/1513	1712.4/1752.6	1710.1077	1710.000	1754.9709	1755.000	-30°C/3.85V