

Appendix B

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	21.31	17.98	33	PASS
2	9538	1907.6	HSDPA Subtest-1	20.59	17.26	33	PASS
2	9538	1907.6	HSDPA Subtest-2	20.36	17.03	33	PASS
2	9538	1907.6	HSDPA Subtest-3	19.96	16.63	33	PASS
2	9538	1907.6	HSDPA Subtest-4	19.8	16.47	33	PASS
2	9538	1907.6	HSUPA Subtest-1	20.89	17.56	33	PASS
2	9538	1907.6	HSUPA Subtest-2	21.13	17.8	33	PASS
2	9538	1907.6	HSUPA Subtest-3	20.51	17.18	33	PASS
2	9538	1907.6	HSUPA Subtest-4	21.27	17.94	33	PASS
2	9538	1907.6	HSUPA Subtest-5	20.48	17.15	33	PASS
2	9538	1907.6	HSPA+	21.08	17.75	33	PASS
2	9400	1880.0	RMC	21.31	17.98	33	PASS
2	9400	1880.0	HSDPA Subtest-1	20.64	17.31	33	PASS
2	9400	1880.0	HSDPA Subtest-2	20.44	17.11	33	PASS
2	9400	1880.0	HSDPA Subtest-3	19.94	16.61	33	PASS
2	9400	1880.0	HSDPA Subtest-4	19.93	16.6	33	PASS
2	9400	1880.0	HSUPA Subtest-1	20.89	17.56	33	PASS
2	9400	1880.0	HSUPA Subtest-2	21.17	17.84	33	PASS
2	9400	1880.0	HSUPA Subtest-3	20.56	17.23	33	PASS
2	9400	1880.0	HSUPA Subtest-4	21.41	18.08	33	PASS
2	9400	1880.0	HSUPA Subtest-5	20.54	17.21	33	PASS
2	9400	1880.0	HSPA+	21.15	17.82	33	PASS
2	9262	1852.4	RMC	21.32	17.99	33	PASS
2	9262	1852.4	HSDPA Subtest-1	20.65	17.32	33	PASS
2	9262	1852.4	HSDPA Subtest-2	20.38	17.05	33	PASS
2	9262	1852.4	HSDPA Subtest-3	19.96	16.63	33	PASS
2	9262	1852.4	HSDPA Subtest-4	19.91	16.58	33	PASS
2	9262	1852.4	HSUPA Subtest-1	20.96	17.63	33	PASS
2	9262	1852.4	HSUPA Subtest-2	21.29	17.96	33	PASS
2	9262	1852.4	HSUPA Subtest-3	20.57	17.24	33	PASS
2	9262	1852.4	HSUPA Subtest-4	21.39	18.06	33	PASS
2	9262	1852.4	HSUPA Subtest-5	20.55	17.22	33	PASS
2	9262	1852.4	HSPA+	21.25	17.92	33	PASS
4	1513	1752.6	RMC	21.57	17.10	30	PASS
4	1513	1752.6	HSDPA Subtest-1	20.96	16.49	30	PASS
4	1513	1752.6	HSDPA Subtest-2	20.92	16.45	30	PASS
4	1513	1752.6	HSDPA Subtest-3	20.41	15.94	30	PASS
4	1513	1752.6	HSDPA Subtest-4	20.45	15.98	30	PASS

4	1513	1752.6	HSUPA Subtest-1	20.85	16.38	30	PASS
4	1513	1752.6	HSUPA Subtest-2	21.27	16.80	30	PASS
4	1513	1752.6	HSUPA Subtest-3	20.45	15.98	30	PASS
4	1513	1752.6	HSUPA Subtest-4	21.35	16.88	30	PASS
4	1513	1752.6	HSUPA Subtest-5	20.42	15.95	30	PASS
4	1513	1752.6	HSPA+	20.97	16.50	30	PASS
4	1412	1732.4	RMC	21.64	17.17	30	PASS
4	1412	1732.4	HSDPA Subtest-1	21.11	16.64	30	PASS
4	1412	1732.4	HSDPA Subtest-2	20.97	16.50	30	PASS
4	1412	1732.4	HSDPA Subtest-3	20.51	16.04	30	PASS
4	1412	1732.4	HSDPA Subtest-4	20.46	15.99	30	PASS
4	1412	1732.4	HSUPA Subtest-1	20.8	16.33	30	PASS
4	1412	1732.4	HSUPA Subtest-2	21.14	16.67	30	PASS
4	1412	1732.4	HSUPA Subtest-3	20.5	16.03	30	PASS
4	1412	1732.4	HSUPA Subtest-4	21.36	16.89	30	PASS
4	1412	1732.4	HSUPA Subtest-5	20.45	15.98	30	PASS
4	1412	1732.4	HSPA+	20.85	16.38	30	PASS
4	1312	1712.4	RMC	21.12	16.65	30	PASS
4	1312	1712.4	HSDPA Subtest-1	20.68	16.21	30	PASS
4	1312	1712.4	HSDPA Subtest-2	21.01	16.54	30	PASS
4	1312	1712.4	HSDPA Subtest-3	20.58	16.11	30	PASS
4	1312	1712.4	HSDPA Subtest-4	20.43	15.96	30	PASS
4	1312	1712.4	HSUPA Subtest-1	20.91	16.44	30	PASS
4	1312	1712.4	HSUPA Subtest-2	21.14	16.67	30	PASS
4	1312	1712.4	HSUPA Subtest-3	20.54	16.07	30	PASS
4	1312	1712.4	HSUPA Subtest-4	21.54	17.07	30	PASS
4	1312	1712.4	HSUPA Subtest-5	20.49	16.02	30	PASS
4	1312	1712.4	HSPA+	20.93	16.46	30	PASS
5	4233	846.6	RMC	22.53	16.12	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	21.6	15.19	38.45	PASS
5	4233	846.6	HSDPA Subtest-2	21.35	14.94	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	20.93	14.52	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	20.93	14.52	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	21.89	15.48	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	22.08	15.67	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	21.49	15.08	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	22.33	15.92	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	21.46	15.05	38.45	PASS
5	4233	846.6	HSPA+	21.78	15.37	38.45	PASS
5	4182	836.4	RMC	22.51	16.10	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	21.58	15.17	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	21.4	14.99	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	20.93	14.52	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	20.94	14.53	38.45	PASS

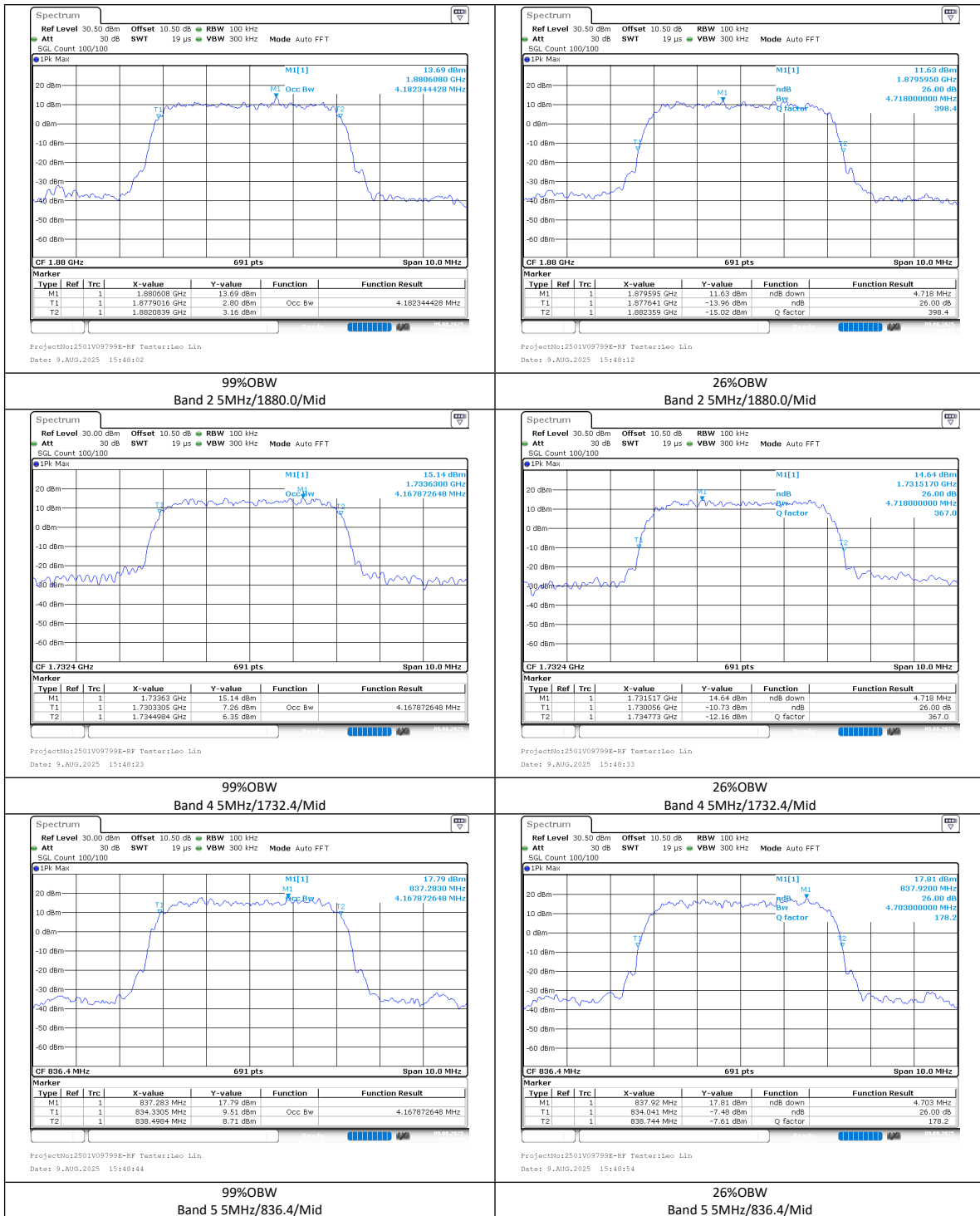
5	4182	836.4	HSUPA Subtest-1	21.86	15.45	38.45	PASS
5	4182	836.4	HSUPA Subtest-2	22.08	15.67	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	21.48	15.07	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	22.23	15.82	38.45	PASS
5	4182	836.4	HSUPA Subtest-5	21.46	15.05	38.45	PASS
5	4182	836.4	HSPA+	21.89	15.48	38.45	PASS
5	4132	826.4	RMC	22.56	16.15	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	21.63	15.22	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	21.35	14.94	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	20.99	14.58	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	20.96	14.55	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	21.91	15.50	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	22.14	15.73	38.45	PASS
5	4132	826.4	HSUPA Subtest-3	21.58	15.17	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	22.25	15.84	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	21.53	15.12	38.45	PASS
5	4132	826.4	HSPA+	22.05	15.64	38.45	PASS

Peak to Average Ratio

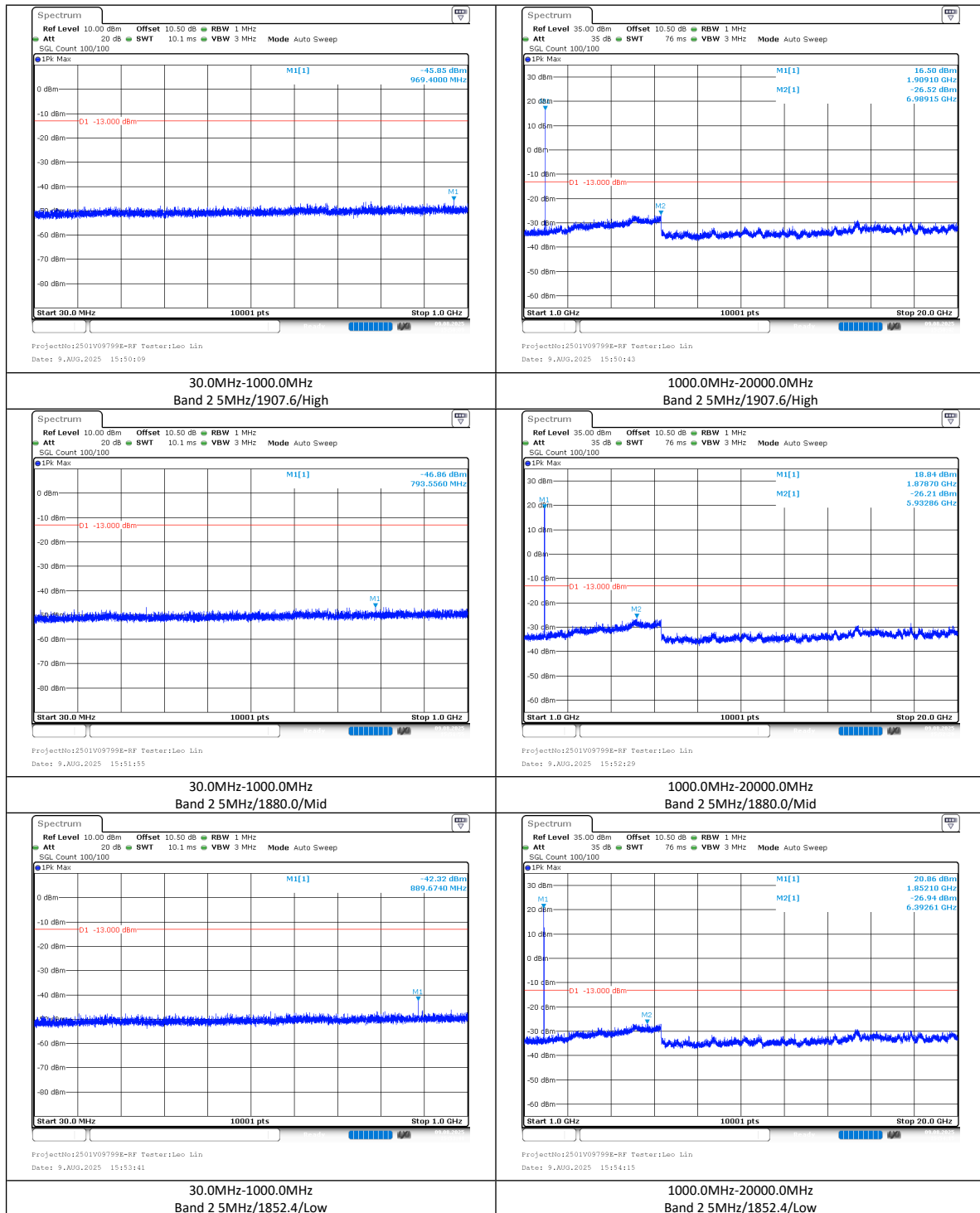
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.16	13	PASS
2	9400	1880.0	3.19	13	PASS
2	9262	1852.4	3.10	13	PASS
4	1513	1752.6	3.22	13	PASS
4	1412	1732.4	3.22	13	PASS
4	1312	1712.4	3.25	13	PASS
5	4233	846.6	3.16	13	PASS
5	4182	836.4	3.16	13	PASS
5	4132	826.4	3.04	13	PASS

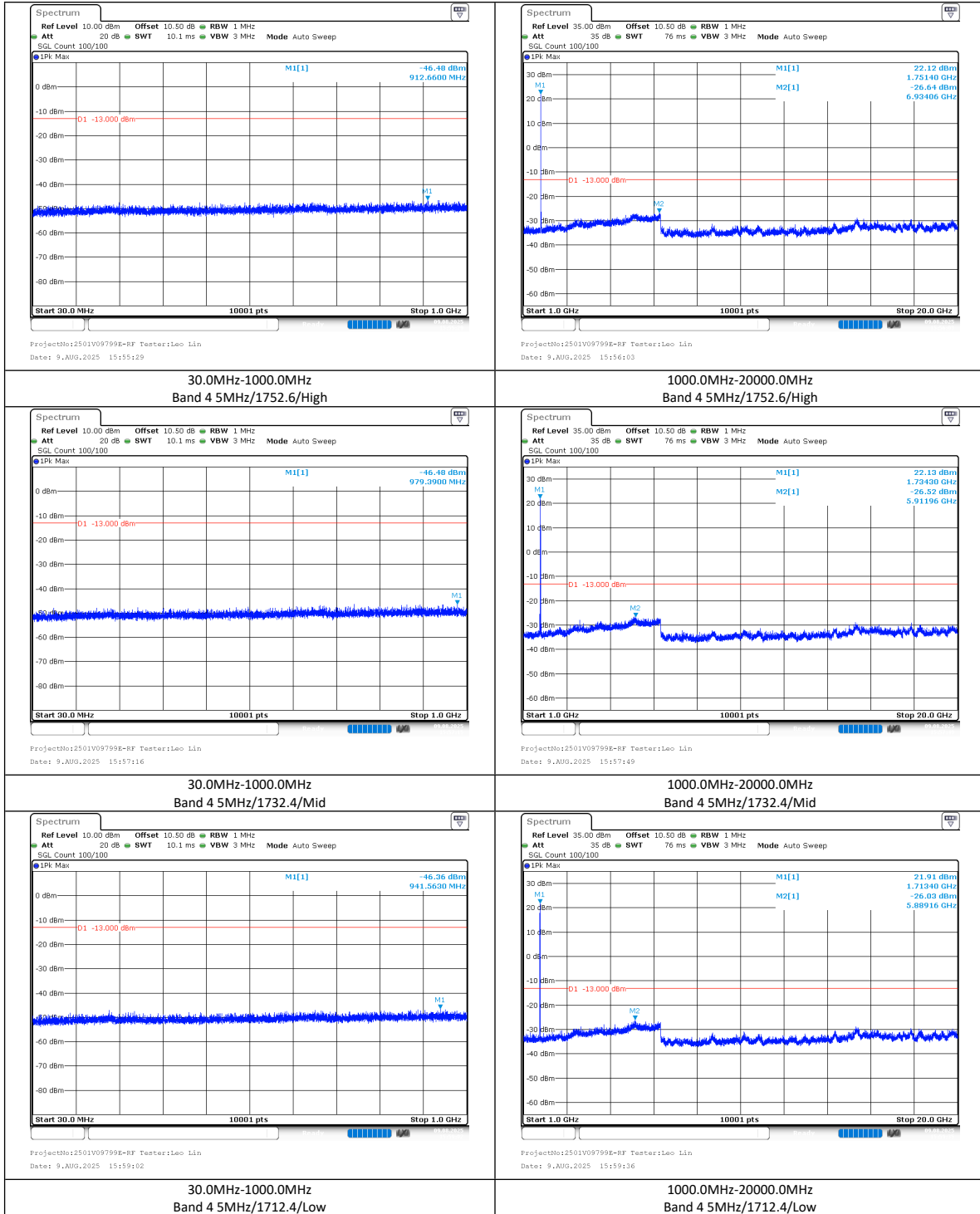
Occupied Bandwidth

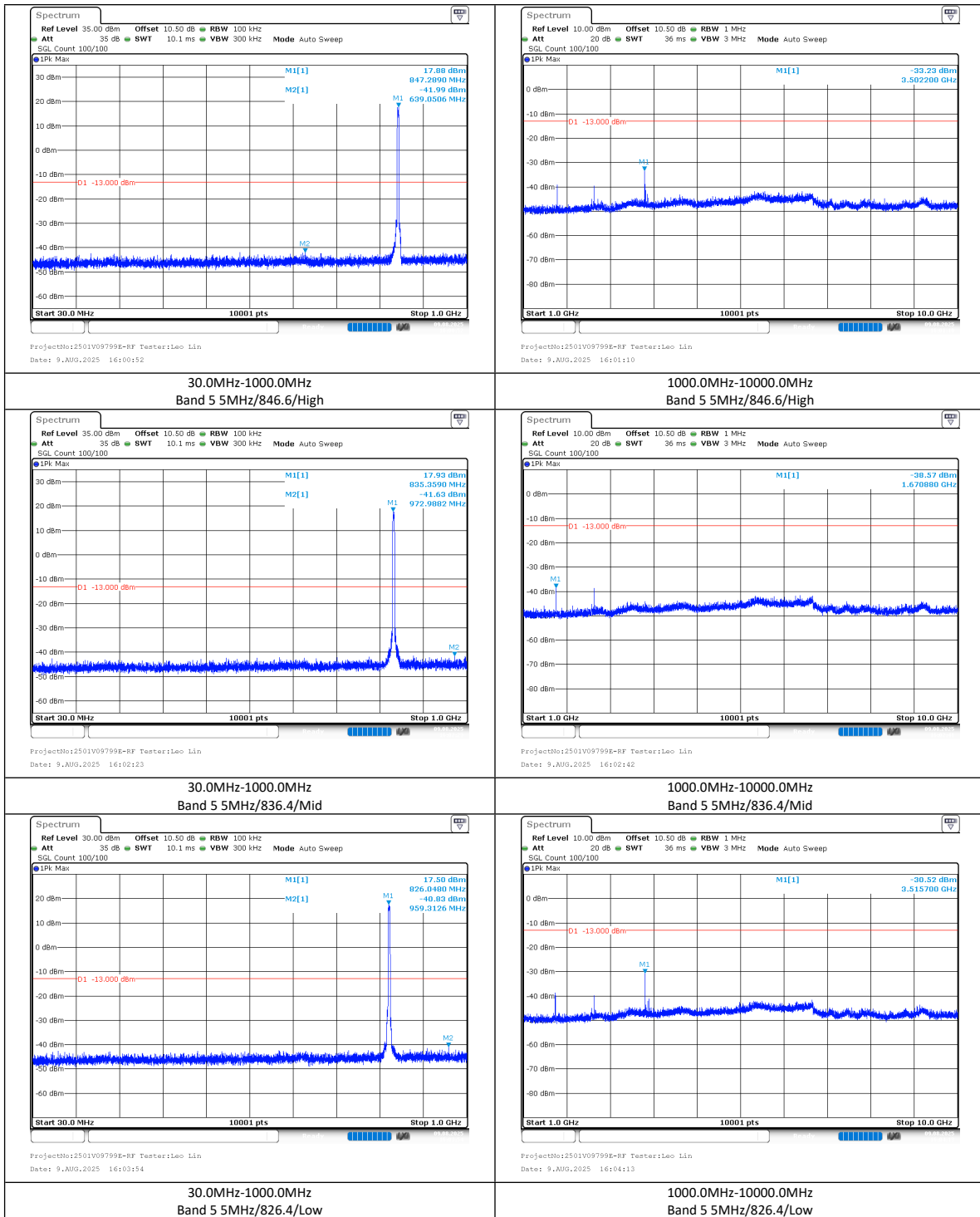
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1823	4.718	PASS
4	1412	1732.4	4.1679	4.718	PASS
5	4182	836.4	4.1679	4.703	PASS



Conducted Spurious Emissions

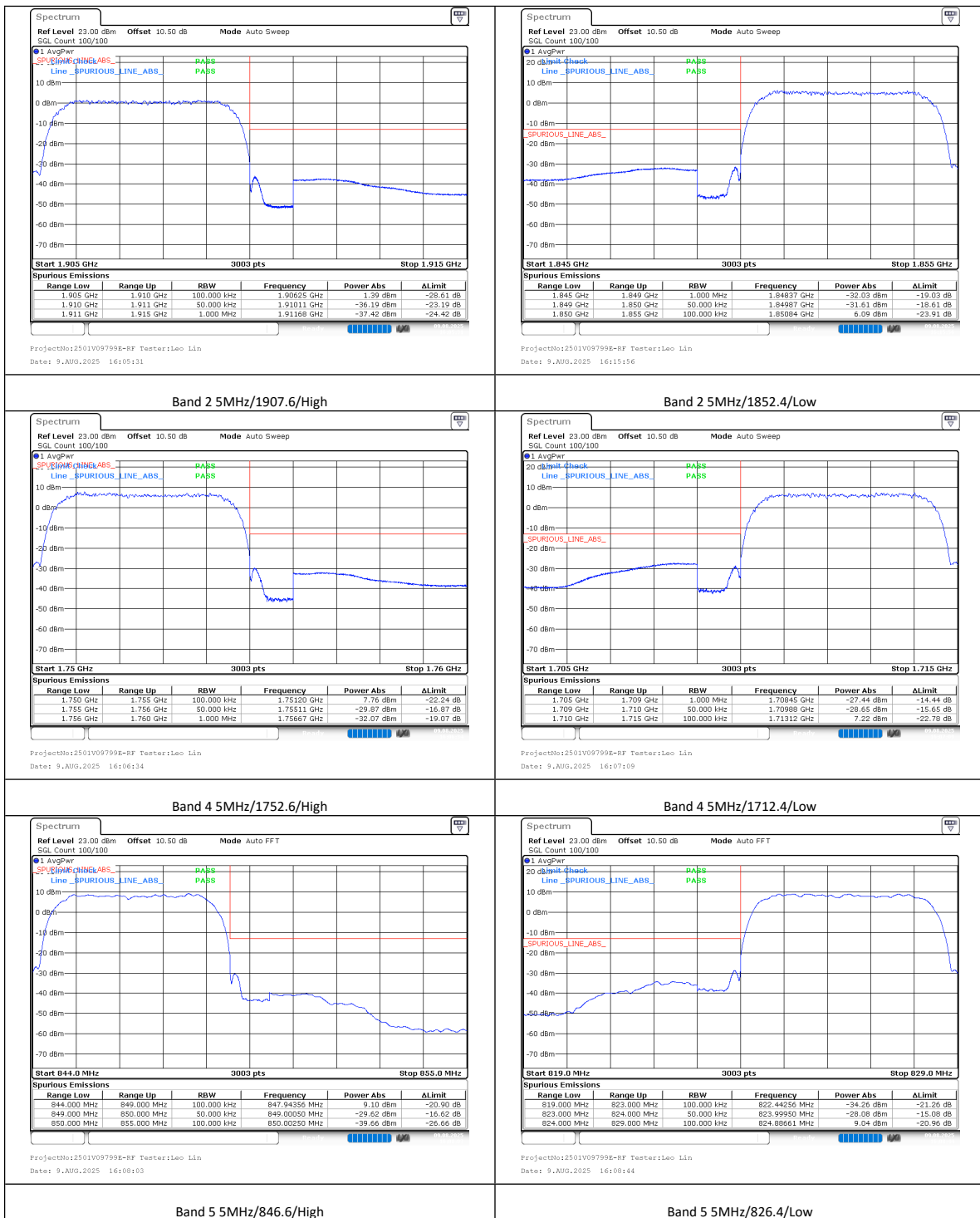






Conducted Band Edge

Band	Channel	Freq (MHz)	Result	Verdict
2	9538	1907.6	see graph	PASS
2	9262	1852.4	see graph	PASS
4	1513	1752.6	see graph	PASS
4	1312	1712.4	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	-0.67	-0.00079	±2.5	PASS	20°C/4.43V
5	4233	846.6	-1.36	-0.00161	±2.5	PASS	20°C/3.6V
5	4233	846.6	1.56	0.00184	±2.5	PASS	50°C/3.86V
5	4233	846.6	7.60	0.00898	±2.5	PASS	40°C/3.86V
5	4233	846.6	-0.57	-0.00067	±2.5	PASS	30°C/3.86V
5	4233	846.6	5.27	0.00622	±2.5	PASS	20°C/3.86V
5	4233	846.6	-5.15	-0.00608	±2.5	PASS	10°C/3.86V
5	4233	846.6	-9.22	-0.01089	±2.5	PASS	0°C/3.86V
5	4233	846.6	1.54	0.00182	±2.5	PASS	-10°C/3.86V
5	4233	846.6	0.65	0.00077	±2.5	PASS	-20°C/3.856V
5	4233	846.6	-6.39	-0.00755	±2.5	PASS	-30°C/3.86V
5	4182	836.4	-0.13	-0.00016	±2.5	PASS	20°C/4.43V
5	4182	836.4	-2.52	-0.00301	±2.5	PASS	20°C/3.6V
5	4182	836.4	-2.35	-0.00281	±2.5	PASS	50°C/3.86V
5	4182	836.4	-6.34	-0.00758	±2.5	PASS	40°C/3.86V
5	4182	836.4	1.40	0.00167	±2.5	PASS	30°C/3.86V
5	4182	836.4	-3.80	-0.00454	±2.5	PASS	20°C/3.86V
5	4182	836.4	4.85	0.00580	±2.5	PASS	10°C/3.86V
5	4182	836.4	0.34	0.00041	±2.5	PASS	0°C/3.86V
5	4182	836.4	-0.62	-0.00074	±2.5	PASS	-10°C/3.86V
5	4182	836.4	-2.26	-0.00270	±2.5	PASS	-20°C/3.856V
5	4182	836.4	-4.63	-0.00554	±2.5	PASS	-30°C/3.86V
5	4132	826.4	-3.75	-0.00454	±2.5	PASS	20°C/4.43V
5	4132	826.4	6.98	0.00845	±2.5	PASS	20°C/3.6V
5	4132	826.4	-0.05	-0.00006	±2.5	PASS	50°C/3.86V
5	4132	826.4	-2.55	-0.00309	±2.5	PASS	40°C/3.86V
5	4132	826.4	-1.81	-0.00219	±2.5	PASS	30°C/3.86V
5	4132	826.4	-3.39	-0.00410	±2.5	PASS	20°C/3.86V
5	4132	826.4	-1.27	-0.00154	±2.5	PASS	10°C/3.86V
5	4132	826.4	5.74	0.00695	±2.5	PASS	0°C/3.86V
5	4132	826.4	-4.58	-0.00554	±2.5	PASS	-10°C/3.86V
5	4132	826.4	-9.75	-0.01180	±2.5	PASS	-20°C/3.856V
5	4132	826.4	-0.48	-0.00058	±2.5	PASS	-30°C/3.86V

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	1850.156	1850.000	1909.838	1910.000	20°C/4.43V
2	9262/9538	1852.4/1907.6	1850.133	1850.000	1909.937	1910.000	20°C/3.6V
2	9262/9538	1852.4/1907.6	1850.016	1850.000	1909.922	1910.000	50°C/3.86V
2	9262/9538	1852.4/1907.6	1850.069	1850.000	1909.928	1910.000	40°C/3.86V
2	9262/9538	1852.4/1907.6	1850.101	1850.000	1909.833	1910.000	30°C/3.86V
2	9262/9538	1852.4/1907.6	1850.102	1850.000	1909.913	1910.000	20°C/3.86V
2	9262/9538	1852.4/1907.6	1850.073	1850.000	1909.979	1910.000	10°C/3.86V
2	9262/9538	1852.4/1907.6	1850.162	1850.000	1909.824	1910.000	0°C/3.86V
2	9262/9538	1852.4/1907.6	1850.087	1850.000	1909.886	1910.000	-10°C/3.86V
2	9262/9538	1852.4/1907.6	1850.042	1850.000	1909.801	1910.000	-20°C/3.86V
2	9262/9538	1852.4/1907.6	1850.070	1850.000	1909.827	1910.000	-30°C/3.86V

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	1710.128	1710.000	1754.969	1755.000	20°C/4.43V
4	1312/1513	1712.4/1752.6	1710.152	1710.000	1754.986	1755.000	20°C/3.6V
4	1312/1513	1712.4/1752.6	1710.150	1710.000	1754.846	1755.000	50°C/3.86V
4	1312/1513	1712.4/1752.6	1710.028	1710.000	1754.897	1755.000	40°C/3.86V
4	1312/1513	1712.4/1752.6	1710.175	1710.000	1754.810	1755.000	30°C/3.86V
4	1312/1513	1712.4/1752.6	1710.121	1710.000	1754.960	1755.000	20°C/3.86V
4	1312/1513	1712.4/1752.6	1710.118	1710.000	1754.865	1755.000	10°C/3.86V
4	1312/1513	1712.4/1752.6	1710.074	1710.000	1754.888	1755.000	0°C/3.86V
4	1312/1513	1712.4/1752.6	1710.181	1710.000	1754.846	1755.000	-10°C/3.86V
4	1312/1513	1712.4/1752.6	1710.066	1710.000	1754.876	1755.000	-20°C/3.86V
4	1312/1513	1712.4/1752.6	1710.037	1710.000	1754.951	1755.000	-30°C/3.86V