

Appendix O1

Test Information:

Sample No.:	30VS-1	Test Date:	2025-05-07
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.7	Relative Humidity: (%)	49	ATM Pressure: (kPa)	100.5
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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	19.68	19.62	33.01	PASS
2	9538	1907.6	HSDPA Subtest-1	18.79	18.73	33.01	PASS
2	9538	1907.6	HSDPA Subtest-2	18.72	18.66	33.01	PASS
2	9538	1907.6	HSDPA Subtest-3	18.29	18.23	33.01	PASS
2	9538	1907.6	HSDPA Subtest-4	18.28	18.22	33.01	PASS
2	9538	1907.6	HSUPA Subtest-1	18.07	18.01	33.01	PASS
2	9538	1907.6	HSUPA Subtest-2	18.81	18.75	33.01	PASS
2	9538	1907.6	HSUPA Subtest-3	17.81	17.75	33.01	PASS
2	9538	1907.6	HSUPA Subtest-4	18.78	18.72	33.01	PASS
2	9538	1907.6	HSUPA Subtest-5	17.77	17.71	33.01	PASS
2	9538	1907.6	HSPA+	18.36	18.3	33.01	PASS
2	9400	1880.0	RMC	19.76	19.7	33.01	PASS
2	9400	1880.0	HSDPA Subtest-1	18.89	18.83	33.01	PASS
2	9400	1880.0	HSDPA Subtest-2	18.85	18.79	33.01	PASS
2	9400	1880.0	HSDPA Subtest-3	18.44	18.38	33.01	PASS
2	9400	1880.0	HSDPA Subtest-4	18.41	18.35	33.01	PASS
2	9400	1880.0	HSUPA Subtest-1	18.22	18.16	33.01	PASS
2	9400	1880.0	HSUPA Subtest-2	18.91	18.85	33.01	PASS
2	9400	1880.0	HSUPA Subtest-3	17.93	17.87	33.01	PASS
2	9400	1880.0	HSUPA Subtest-4	18.91	18.85	33.01	PASS
2	9400	1880.0	HSUPA Subtest-5	17.92	17.86	33.01	PASS
2	9400	1880.0	HSPA+	18.47	18.41	33.01	PASS
2	9262	1852.4	RMC	19.66	19.6	33.01	PASS
2	9262	1852.4	HSDPA Subtest-1	18.95	18.89	33.01	PASS
2	9262	1852.4	HSDPA Subtest-2	18.87	18.81	33.01	PASS
2	9262	1852.4	HSDPA Subtest-3	18.51	18.45	33.01	PASS
2	9262	1852.4	HSDPA Subtest-4	18.48	18.42	33.01	PASS
2	9262	1852.4	HSUPA Subtest-1	18.41	18.35	33.01	PASS
2	9262	1852.4	HSUPA Subtest-2	18.97	18.91	33.01	PASS
2	9262	1852.4	HSUPA Subtest-3	18.0	17.94	33.01	PASS
2	9262	1852.4	HSUPA Subtest-4	18.94	18.88	33.01	PASS
2	9262	1852.4	HSUPA Subtest-5	17.98	17.92	33.01	PASS
2	9262	1852.4	HSPA+	18.92	18.86	33.01	PASS
4	1513	1752.6	RMC	19.29	17.01	30	PASS
4	1513	1752.6	HSDPA Subtest-1	18.39	16.11	30	PASS
4	1513	1752.6	HSDPA Subtest-2	18.35	16.07	30	PASS
4	1513	1752.6	HSDPA Subtest-3	17.94	15.66	30	PASS
4	1513	1752.6	HSDPA Subtest-4	17.91	15.63	30	PASS
4	1513	1752.6	HSUPA Subtest-1	17.83	15.55	30	PASS
4	1513	1752.6	HSUPA Subtest-2	18.4	16.12	30	PASS
4	1513	1752.6	HSUPA Subtest-3	17.44	15.16	30	PASS
4	1513	1752.6	HSUPA Subtest-4	18.39	16.11	30	PASS
4	1513	1752.6	HSUPA Subtest-5	17.44	15.16	30	PASS
4	1513	1752.6	HSPA+	18.68	16.4	30	PASS
4	1412	1732.4	RMC	19.61	17.33	30	PASS
4	1412	1732.4	HSDPA Subtest-1	18.65	16.37	30	PASS
4	1412	1732.4	HSDPA Subtest-2	18.58	16.3	30	PASS
4	1412	1732.4	HSDPA Subtest-3	18.21	15.93	30	PASS
4	1412	1732.4	HSDPA Subtest-4	18.19	15.91	30	PASS
4	1412	1732.4	HSUPA Subtest-1	17.96	15.68	30	PASS
4	1412	1732.4	HSUPA Subtest-2	18.66	16.38	30	PASS
4	1412	1732.4	HSUPA Subtest-3	17.69	15.41	30	PASS
4	1412	1732.4	HSUPA Subtest-4	18.66	16.38	30	PASS
4	1412	1732.4	HSUPA Subtest-5	17.69	15.41	30	PASS
4	1412	1732.4	HSPA+	18.85	16.57	30	PASS
4	1312	1712.4	RMC	19.48	17.2	30	PASS
4	1312	1712.4	HSDPA Subtest-1	18.81	16.53	30	PASS
4	1312	1712.4	HSDPA Subtest-2	18.79	16.51	30	PASS
4	1312	1712.4	HSDPA Subtest-3	18.39	16.11	30	PASS
4	1312	1712.4	HSDPA Subtest-4	18.36	16.08	30	PASS
4	1312	1712.4	HSUPA Subtest-1	18.24	15.96	30	PASS
4	1312	1712.4	HSUPA Subtest-2	18.81	16.53	30	PASS
4	1312	1712.4	HSUPA Subtest-3	17.86	15.58	30	PASS
4	1312	1712.4	HSUPA Subtest-4	18.81	16.53	30	PASS
4	1312	1712.4	HSUPA Subtest-5	17.85	15.57	30	PASS
4	1312	1712.4	HSPA+	18.36	16.08	30	PASS
5	4233	846.6	RMC	22.83	16.39	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	22.15	15.71	38.45	PASS

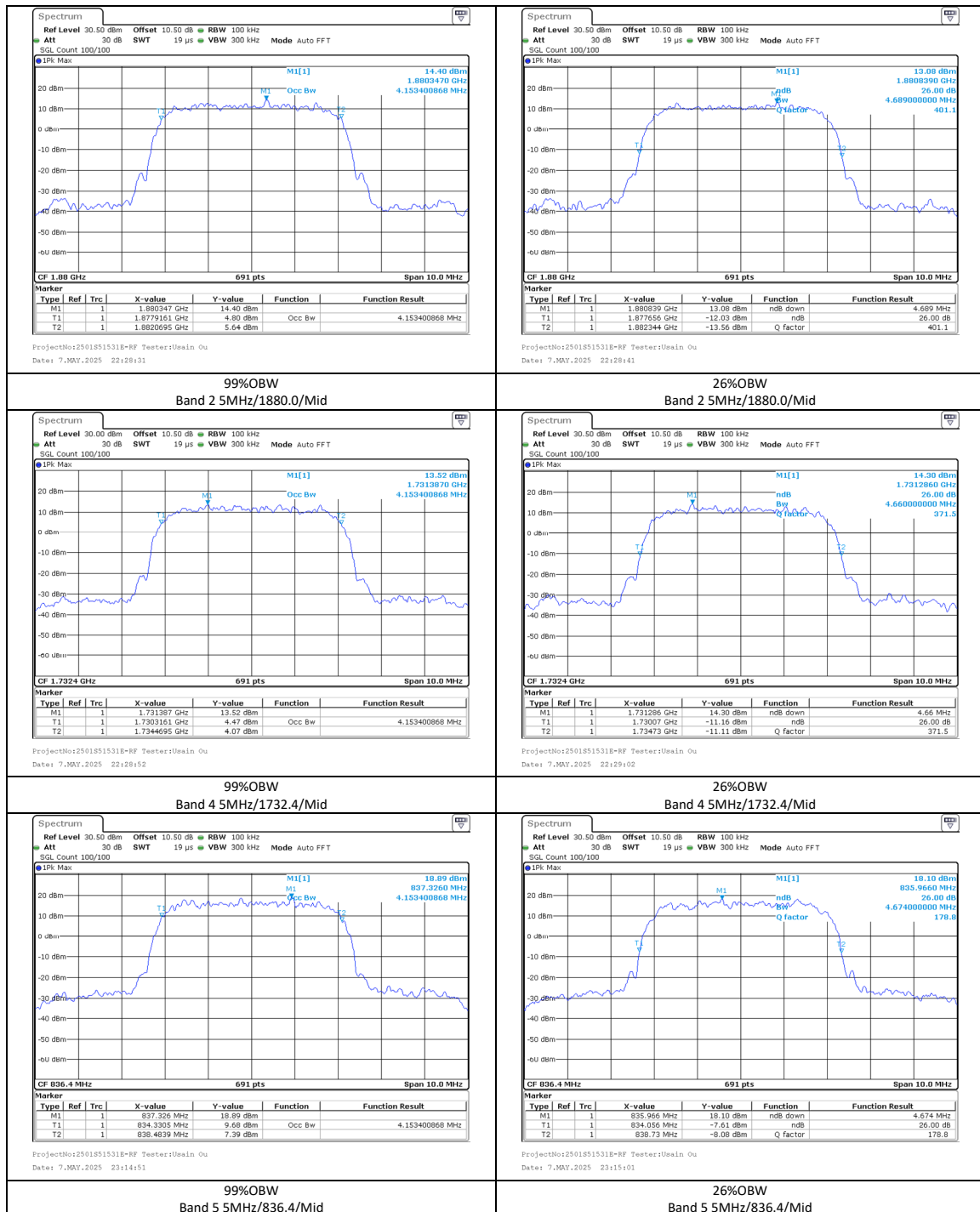
5	4233	846.6	HSDPA Subtest-2	22.1	15.66	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	21.72	15.28	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	21.67	15.23	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	21.5	15.06	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	22.15	15.71	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	21.19	14.75	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	22.14	15.7	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	21.17	14.73	38.45	PASS
5	4233	846.6	HSPA+	22.16	15.72	38.45	PASS
5	4182	836.4	RMC	22.37	15.93	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	22.02	15.58	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	21.99	15.55	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	21.58	15.14	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	21.56	15.12	38.45	PASS
5	4182	836.4	HSUPA Subtest-1	21.43	14.99	38.45	PASS
5	4182	836.4	HSUPA Subtest-2	22.04	15.6	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	21.06	14.62	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	22.01	15.57	38.45	PASS
5	4182	836.4	HSUPA Subtest-5	21.06	14.62	38.45	PASS
5	4182	836.4	HSPA+	21.95	15.51	38.45	PASS
5	4132	826.4	RMC	23.13	16.69	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	22.2	15.76	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	22.14	15.7	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	21.75	15.31	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	21.71	15.27	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	21.66	15.22	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	22.2	15.76	38.45	PASS
5	4132	826.4	HSUPA Subtest-3	21.24	14.8	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	22.18	15.74	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	21.22	14.78	38.45	PASS
5	4132	826.4	HSPA+	22.38	15.94	38.45	PASS

Peak to Average Ratio

Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.30	13	PASS
2	9400	1880.0	3.25	13	PASS
2	9262	1852.4	3.25	13	PASS
4	1513	1752.6	3.30	13	PASS
4	1412	1732.4	3.30	13	PASS
4	1312	1712.4	3.28	13	PASS
5	4233	846.6	3.01	13	PASS
5	4182	836.4	3.19	13	PASS
5	4132	826.4	3.04	13	PASS

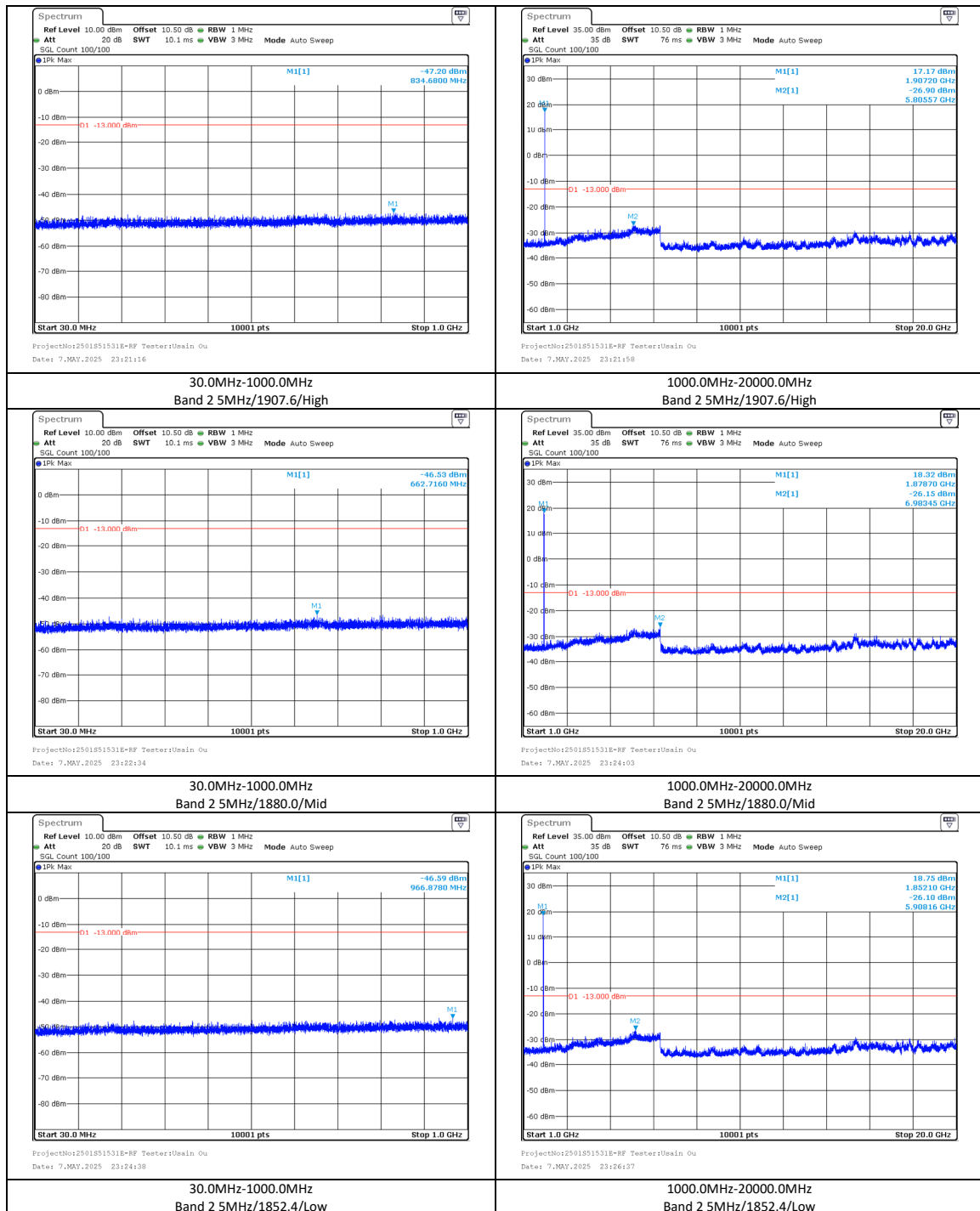
Occupied Bandwidth

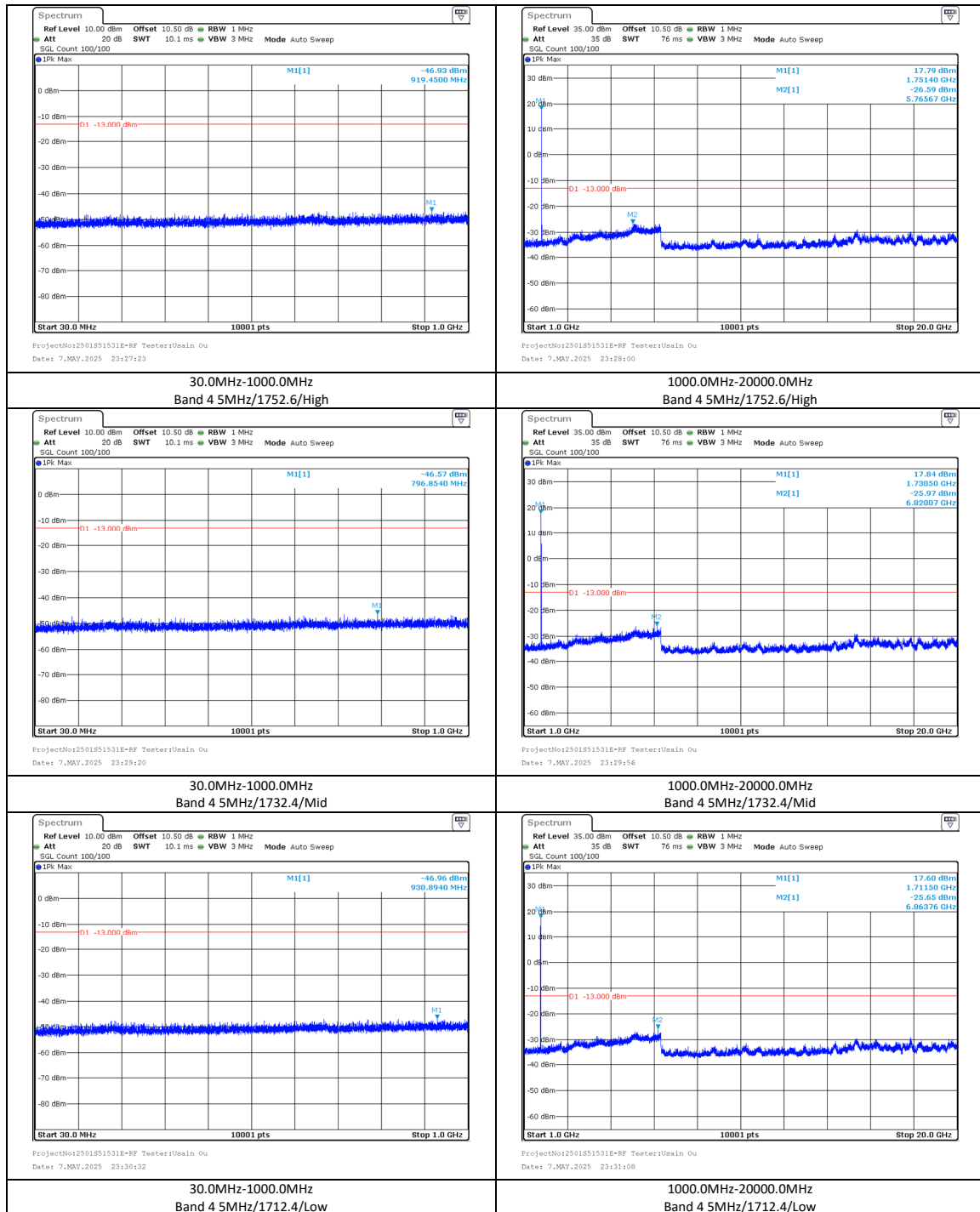
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1534	4.689	PASS
4	1412	1732.4	4.1534	4.660	PASS
5	4182	836.4	4.1534	4.674	PASS

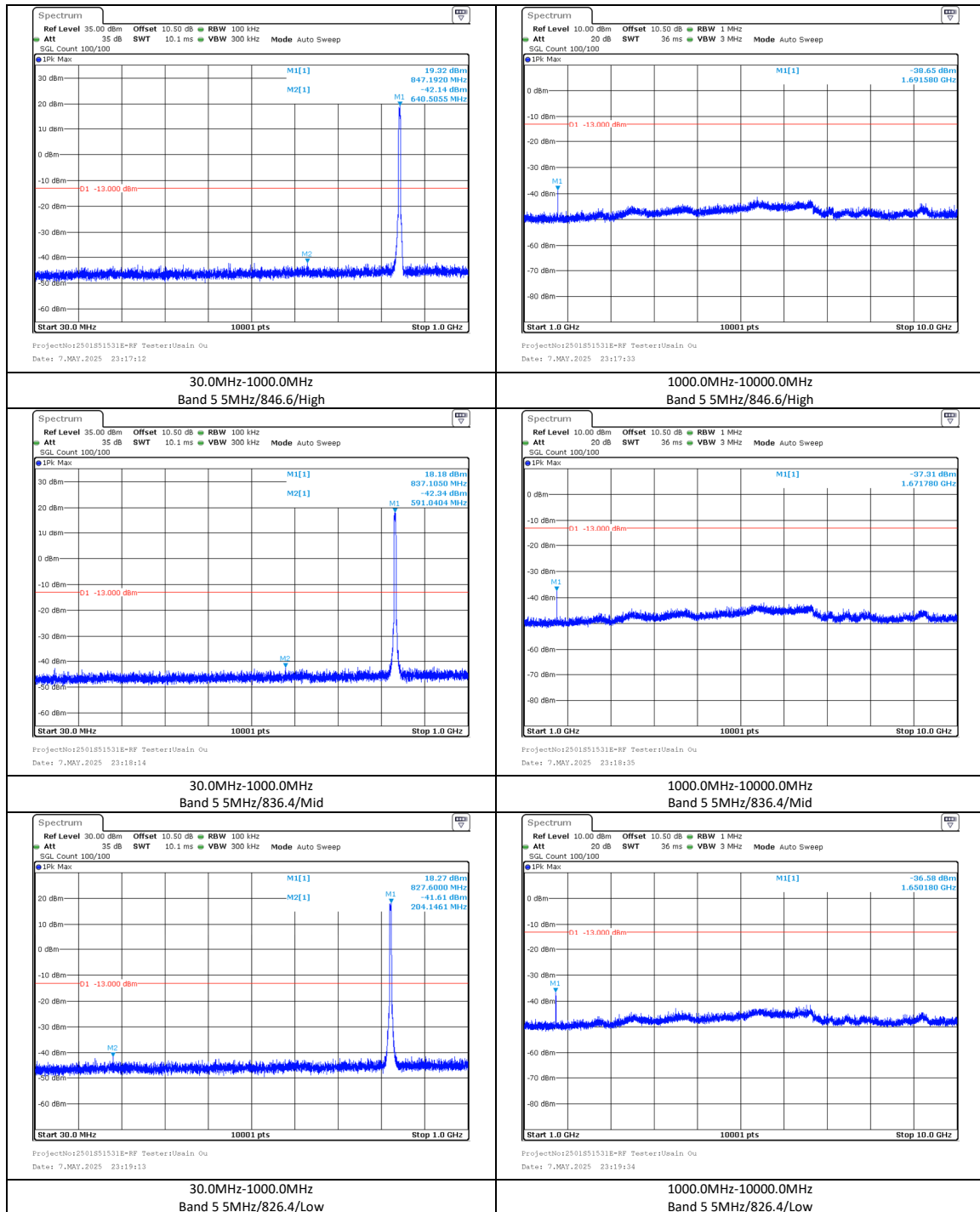


Conducted Spurious Emissions

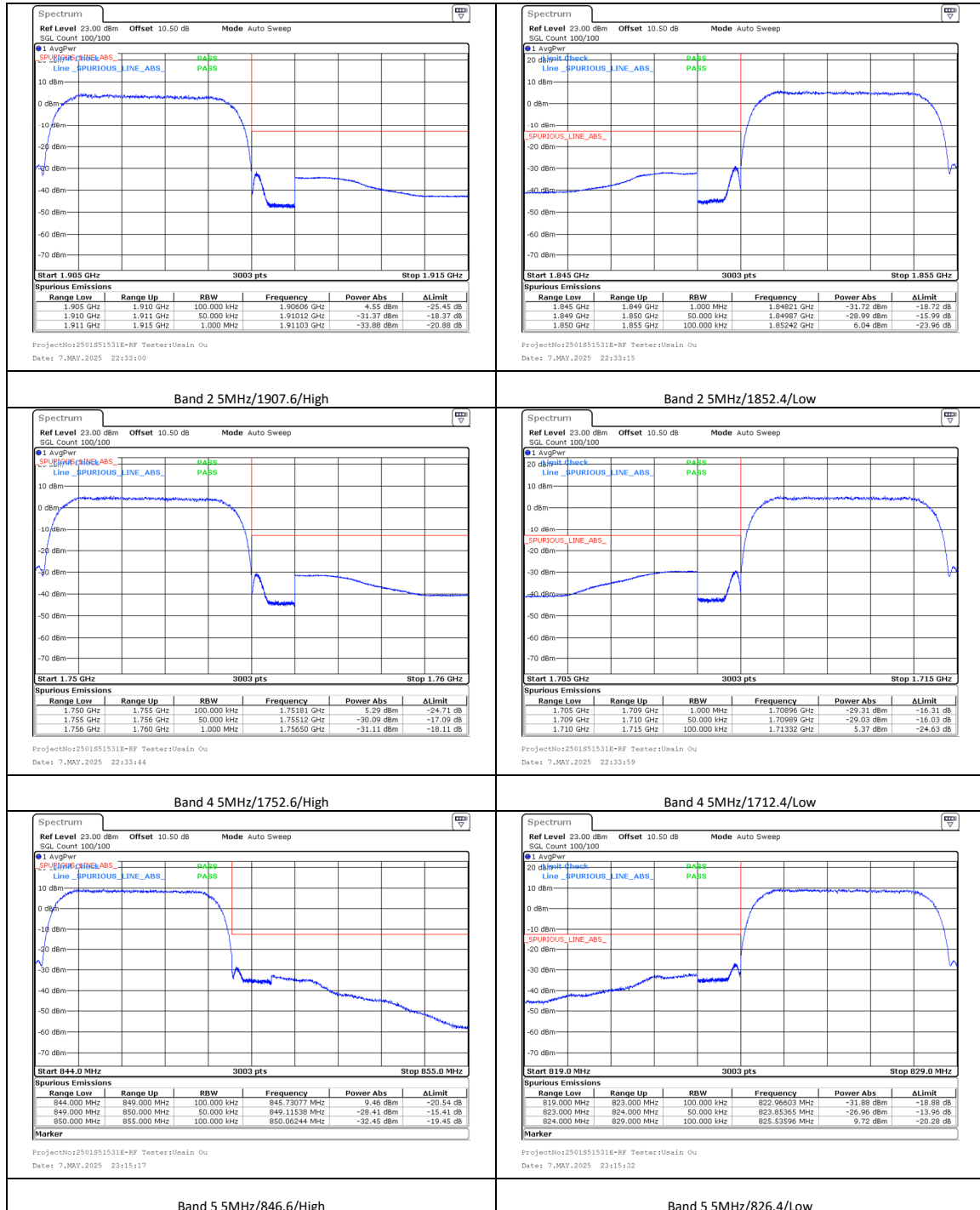
Band	Channel	Freq (MHz)	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
2	9538	1907.6	30.0	1000.0	-47.2	-13	PASS
2	9538	1907.6	1000.0	20000.0	-26.9	-13	PASS
2	9400	1880.0	30.0	1000.0	-46.53	-13	PASS
2	9400	1880.0	1000.0	20000.0	-26.15	-13	PASS
2	9262	1852.4	30.0	1000.0	-46.59	-13	PASS
2	9262	1852.4	1000.0	20000.0	-26.1	-13	PASS
4	1513	1752.6	30.0	1000.0	-46.93	-13	PASS
4	1513	1752.6	1000.0	20000.0	-26.59	-13	PASS
4	1412	1732.4	30.0	1000.0	-46.57	-13	PASS
4	1412	1732.4	1000.0	20000.0	-25.97	-13	PASS
4	1312	1712.4	30.0	1000.0	-46.96	-13	PASS
4	1312	1712.4	1000.0	20000.0	-25.65	-13	PASS
5	4233	846.6	30.0	1000.0	-42.14	-13	PASS
5	4233	846.6	1000.0	10000.0	-38.65	-13	PASS
5	4182	836.4	30.0	1000.0	-42.34	-13	PASS
5	4182	836.4	1000.0	10000.0	-37.31	-13	PASS
5	4132	826.4	30.0	1000.0	-41.61	-13	PASS
5	4132	826.4	1000.0	10000.0	-36.58	-13	PASS







Conducted Band Edge



Frequency Stability Error

Band	Channel	Freq (MHz)	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
5	4233	846.6	-3.17	-0.00374	±2.5	PASS	20°C/4.45V
5	4233	846.6	2.87	0.00339	±2.5	PASS	20°C/3.25V
5	4233	846.6	-4.67	-0.00552	±2.5	PASS	50°C/3.87V
5	4233	846.6	-0.22	-0.00026	±2.5	PASS	40°C/3.87V
5	4233	846.6	-2.79	-0.00330	±2.5	PASS	30°C/3.87V
5	4233	846.6	-2.26	-0.00267	±2.5	PASS	20°C/3.87V
5	4233	846.6	-1.08	-0.00128	±2.5	PASS	10°C/3.87V
5	4233	846.6	2.75	0.00325	±2.5	PASS	0°C/3.87V
5	4233	846.6	-0.51	-0.00060	±2.5	PASS	-10°C/3.87V
5	4233	846.6	3.15	0.00372	±2.5	PASS	-20°C/3.87V
5	4233	846.6	-7.57	-0.00894	±2.5	PASS	-30°C/3.87V
5	4182	836.4	-6.32	-0.00756	±2.5	PASS	20°C/4.45V
5	4182	836.4	-2.29	-0.00274	±2.5	PASS	20°C/3.25V
5	4182	836.4	-1.49	-0.00178	±2.5	PASS	50°C/3.87V
5	4182	836.4	1.48	0.00177	±2.5	PASS	40°C/3.87V
5	4182	836.4	-4.97	-0.00594	±2.5	PASS	30°C/3.87V
5	4182	836.4	5.57	0.00666	±2.5	PASS	20°C/3.87V
5	4182	836.4	0.53	0.00063	±2.5	PASS	10°C/3.87V
5	4182	836.4	-0.59	-0.00071	±2.5	PASS	0°C/3.87V
5	4182	836.4	5.57	0.00666	±2.5	PASS	-10°C/3.87V
5	4182	836.4	-1.35	-0.00161	±2.5	PASS	-20°C/3.87V
5	4182	836.4	4.19	0.00501	±2.5	PASS	-30°C/3.87V
5	4132	826.4	-2.20	-0.00266	±2.5	PASS	20°C/4.45V
5	4132	826.4	-7.47	-0.00904	±2.5	PASS	20°C/3.25V
5	4132	826.4	-5.57	-0.00674	±2.5	PASS	50°C/3.87V
5	4132	826.4	0.84	0.00102	±2.5	PASS	40°C/3.87V
5	4132	826.4	3.09	0.00374	±2.5	PASS	30°C/3.87V
5	4132	826.4	-5.32	-0.00644	±2.5	PASS	20°C/3.87V
5	4132	826.4	-2.41	-0.00292	±2.5	PASS	10°C/3.87V
5	4132	826.4	1.19	0.00144	±2.5	PASS	0°C/3.87V
5	4132	826.4	-5.94	-0.00719	±2.5	PASS	-10°C/3.87V
5	4132	826.4	3.25	0.00393	±2.5	PASS	-20°C/3.87V
5	4132	826.4	-3.61	-0.00437	±2.5	PASS	-30°C/3.87V

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	1850.019	1850.000	1909.555	1910.000	20°C/4.45V
2	9262/9538	1852.4/1907.6	1850.172	1850.000	1909.670	1910.000	20°C/3.25V
2	9262/9538	1852.4/1907.6	1850.115	1850.000	1909.589	1910.000	50°C/3.87V
2	9262/9538	1852.4/1907.6	1850.170	1850.000	1909.652	1910.000	40°C/3.87V
2	9262/9538	1852.4/1907.6	1850.081	1850.000	1909.541	1910.000	30°C/3.87V
2	9262/9538	1852.4/1907.6	1850.045	1850.000	1909.649	1910.000	20°C/3.87V
2	9262/9538	1852.4/1907.6	1850.129	1850.000	1909.680	1910.000	10°C/3.87V
2	9262/9538	1852.4/1907.6	1850.062	1850.000	1909.654	1910.000	0°C/3.87V
2	9262/9538	1852.4/1907.6	1850.007	1850.000	1909.626	1910.000	-10°C/3.87V
2	9262/9538	1852.4/1907.6	1850.112	1850.000	1909.557	1910.000	-20°C/3.87V
2	9262/9538	1852.4/1907.6	1850.117	1850.000	1909.574	1910.000	-30°C/3.87V

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	1710.091	1710.000	1754.691	1755.000	20°C/4.45V
4	1312/1513	1712.4/1752.6	1710.098	1710.000	1754.533	1755.000	20°C/3.25V
4	1312/1513	1712.4/1752.6	1710.037	1710.000	1754.561	1755.000	50°C/3.87V
4	1312/1513	1712.4/1752.6	1710.137	1710.000	1754.570	1755.000	40°C/3.87V
4	1312/1513	1712.4/1752.6	1710.063	1710.000	1754.557	1755.000	30°C/3.87V
4	1312/1513	1712.4/1752.6	1710.025	1710.000	1754.519	1755.000	20°C/3.87V
4	1312/1513	1712.4/1752.6	1710.158	1710.000	1754.598	1755.000	10°C/3.87V
4	1312/1513	1712.4/1752.6	1710.162	1710.000	1754.504	1755.000	0°C/3.87V
4	1312/1513	1712.4/1752.6	1710.114	1710.000	1754.562	1755.000	-10°C/3.87V
4	1312/1513	1712.4/1752.6	1710.094	1710.000	1754.590	1755.000	-20°C/3.87V
4	1312/1513	1712.4/1752.6	1710.187	1710.000	1754.507	1755.000	-30°C/3.87V