

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	24.48	24.60	33.00	PASS
2	9538	1907.6	HSDPA Subtest-1	23.45	23.57	33.00	PASS
2	9538	1907.6	HSDPA Subtest-2	23.30	23.42	33.00	PASS
2	9538	1907.6	HSDPA Subtest-3	22.84	22.96	33.00	PASS
2	9538	1907.6	HSDPA Subtest-4	22.82	22.94	33.00	PASS
2	9538	1907.6	HSUPA Subtest-1	22.73	22.85	33.00	PASS
2	9538	1907.6	HSUPA Subtest-2	23.39	23.51	33.00	PASS
2	9538	1907.6	HSUPA Subtest-3	22.37	22.49	33.00	PASS
2	9538	1907.6	HSUPA Subtest-4	23.47	23.59	33.00	PASS
2	9538	1907.6	HSUPA Subtest-5	22.35	22.47	33.00	PASS
2	9400	1880.0	RMC	24.18	24.30	33.00	PASS
2	9400	1880.0	HSDPA Subtest-1	23.48	23.60	33.00	PASS
2	9400	1880.0	HSDPA Subtest-2	23.24	23.36	33.00	PASS
2	9400	1880.0	HSDPA Subtest-3	22.87	22.99	33.00	PASS
2	9400	1880.0	HSDPA Subtest-4	22.83	22.95	33.00	PASS
2	9400	1880.0	HSUPA Subtest-1	22.75	22.87	33.00	PASS
2	9400	1880.0	HSUPA Subtest-2	23.42	23.54	33.00	PASS
2	9400	1880.0	HSUPA Subtest-3	22.36	22.48	33.00	PASS
2	9400	1880.0	HSUPA Subtest-4	23.45	23.57	33.00	PASS
2	9400	1880.0	HSUPA Subtest-5	22.39	22.51	33.00	PASS
2	9262	1852.4	RMC	24.43	24.55	33.00	PASS
2	9262	1852.4	HSDPA Subtest-1	23.45	23.57	33.00	PASS
2	9262	1852.4	HSDPA Subtest-2	23.21	23.33	33.00	PASS
2	9262	1852.4	HSDPA Subtest-3	22.79	22.91	33.00	PASS
2	9262	1852.4	HSDPA Subtest-4	22.77	22.89	33.00	PASS
2	9262	1852.4	HSUPA Subtest-1	22.70	22.82	33.00	PASS
2	9262	1852.4	HSUPA Subtest-2	23.37	23.49	33.00	PASS
2	9262	1852.4	HSUPA Subtest-3	22.32	22.44	33.00	PASS
2	9262	1852.4	HSUPA Subtest-4	23.39	23.51	33.00	PASS
2	9262	1852.4	HSUPA Subtest-5	22.28	22.40	33.00	PASS
4	1513	1752.6	RMC	23.44	21.32	30.00	PASS
4	1513	1752.6	HSDPA Subtest-1	22.45	20.33	30.00	PASS
4	1513	1752.6	HSDPA Subtest-2	22.33	20.21	30.00	PASS
4	1513	1752.6	HSDPA Subtest-3	21.84	19.72	30.00	PASS
4	1513	1752.6	HSDPA Subtest-4	21.83	19.71	30.00	PASS
4	1513	1752.6	HSUPA Subtest-1	21.83	19.71	30.00	PASS
4	1513	1752.6	HSUPA Subtest-2	21.84	19.72	30.00	PASS
4	1513	1752.6	HSUPA Subtest-3	21.85	19.73	30.00	PASS
4	1513	1752.6	HSUPA Subtest-4	21.82	19.70	30.00	PASS
4	1513	1752.6	HSUPA Subtest-5	21.83	19.71	30.00	PASS
4	1412	1732.4	RMC	23.60	21.48	30.00	PASS
4	1412	1732.4	HSDPA Subtest-1	22.55	20.43	30.00	PASS
4	1412	1732.4	HSDPA Subtest-2	22.38	20.26	30.00	PASS
4	1412	1732.4	HSDPA Subtest-3	21.48	19.36	30.00	PASS
4	1412	1732.4	HSDPA Subtest-4	21.43	19.31	30.00	PASS
4	1412	1732.4	HSUPA Subtest-1	21.40	19.28	30.00	PASS
4	1412	1732.4	HSUPA Subtest-2	22.00	19.88	30.00	PASS
4	1412	1732.4	HSUPA Subtest-3	20.93	18.81	30.00	PASS
4	1412	1732.4	HSUPA Subtest-4	22.06	19.94	30.00	PASS
4	1412	1732.4	HSUPA Subtest-5	20.94	18.82	30.00	PASS

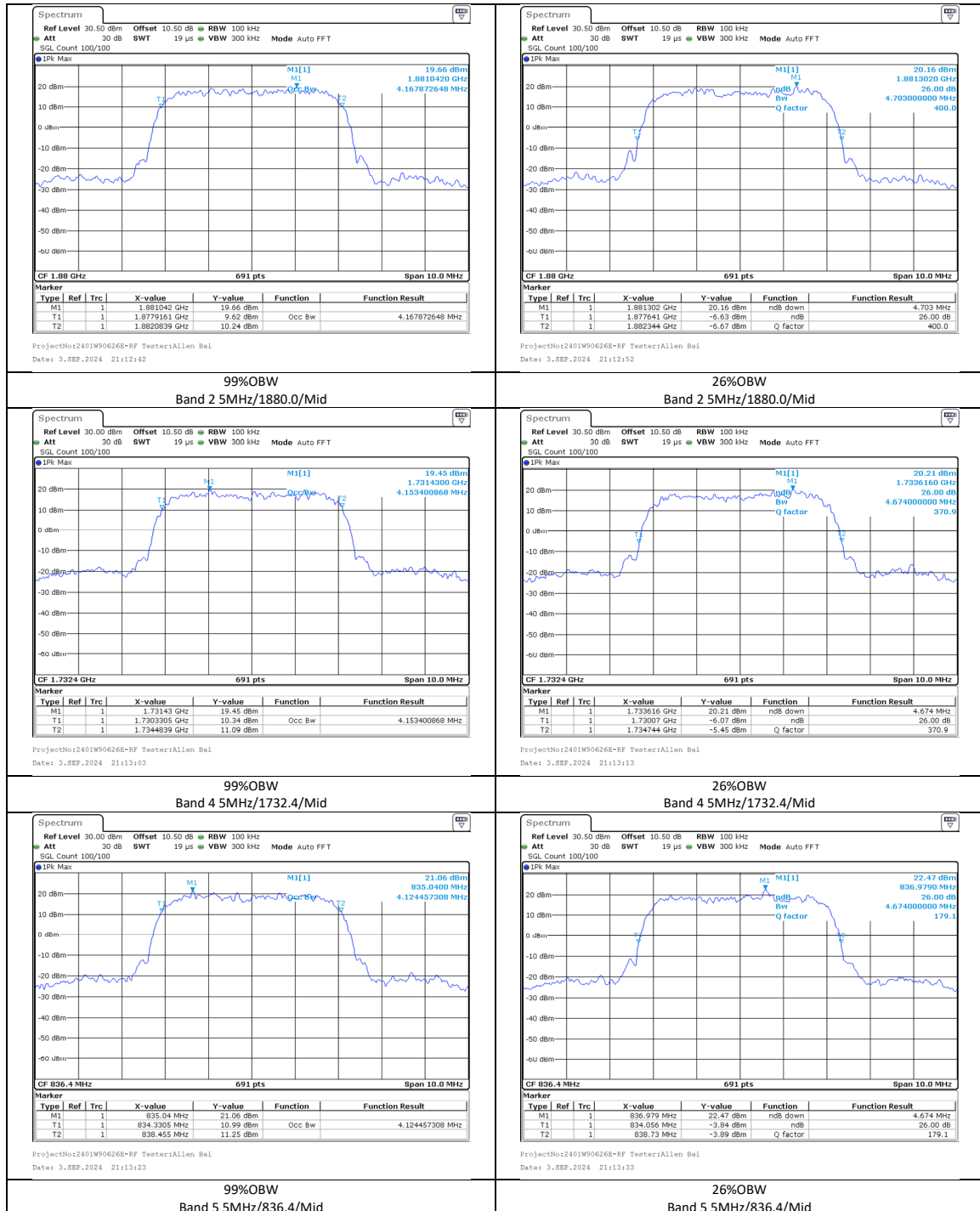
4	1312	1712.4	RMC	22.89	20.77	30.00	PASS
4	1312	1712.4	HSDPA Subtest-1	22.21	20.09	30.00	PASS
4	1312	1712.4	HSDPA Subtest-2	22.06	19.94	30.00	PASS
4	1312	1712.4	HSDPA Subtest-3	21.54	19.42	30.00	PASS
4	1312	1712.4	HSDPA Subtest-4	21.53	19.41	30.00	PASS
4	1312	1712.4	HSUPA Subtest-1	21.34	19.22	30.00	PASS
4	1312	1712.4	HSUPA Subtest-2	22.07	19.95	30.00	PASS
4	1312	1712.4	HSUPA Subtest-3	21.04	18.92	30.00	PASS
4	1312	1712.4	HSUPA Subtest-4	22.18	20.06	30.00	PASS
4	1312	1712.4	HSUPA Subtest-5	21.04	18.92	30.00	PASS
5	4233	846.6	RMC	23.88	19.13	38.45	PASS
5	4233	846.6	HSDPA Subtest-1	22.87	18.12	38.45	PASS
5	4233	846.6	HSDPA Subtest-2	22.71	17.96	38.45	PASS
5	4233	846.6	HSDPA Subtest-3	22.24	17.49	38.45	PASS
5	4233	846.6	HSDPA Subtest-4	22.22	17.47	38.45	PASS
5	4233	846.6	HSUPA Subtest-1	22.19	17.44	38.45	PASS
5	4233	846.6	HSUPA Subtest-2	22.81	18.06	38.45	PASS
5	4233	846.6	HSUPA Subtest-3	21.72	16.97	38.45	PASS
5	4233	846.6	HSUPA Subtest-4	22.88	18.13	38.45	PASS
5	4233	846.6	HSUPA Subtest-5	21.73	16.98	38.45	PASS
5	4182	836.4	RMC	23.63	18.88	38.45	PASS
5	4182	836.4	HSDPA Subtest-1	22.96	18.21	38.45	PASS
5	4182	836.4	HSDPA Subtest-2	22.73	17.98	38.45	PASS
5	4182	836.4	HSDPA Subtest-3	22.36	17.61	38.45	PASS
5	4182	836.4	HSDPA Subtest-4	22.31	17.56	38.45	PASS
5	4182	836.4	HSUPA Subtest-1	22.22	17.47	38.45	PASS
5	4182	836.4	HSUPA Subtest-2	22.89	18.14	38.45	PASS
5	4182	836.4	HSUPA Subtest-3	21.82	17.07	38.45	PASS
5	4182	836.4	HSUPA Subtest-4	22.97	18.22	38.45	PASS
5	4182	836.4	HSUPA Subtest-5	21.84	17.09	38.45	PASS
5	4132	826.4	RMC	24.08	19.33	38.45	PASS
5	4132	826.4	HSDPA Subtest-1	23.11	18.36	38.45	PASS
5	4132	826.4	HSDPA Subtest-2	22.99	18.24	38.45	PASS
5	4132	826.4	HSDPA Subtest-3	22.49	17.74	38.45	PASS
5	4132	826.4	HSDPA Subtest-4	22.49	17.74	38.45	PASS
5	4132	826.4	HSUPA Subtest-1	22.38	17.63	38.45	PASS
5	4132	826.4	HSUPA Subtest-2	23.03	18.28	38.45	PASS
5	4132	826.4	HSUPA Subtest-3	21.99	17.24	38.45	PASS
5	4132	826.4	HSUPA Subtest-4	23.08	18.33	38.45	PASS
5	4132	826.4	HSUPA Subtest-5	21.99	17.24	38.45	PASS

Peak to Average Ratio

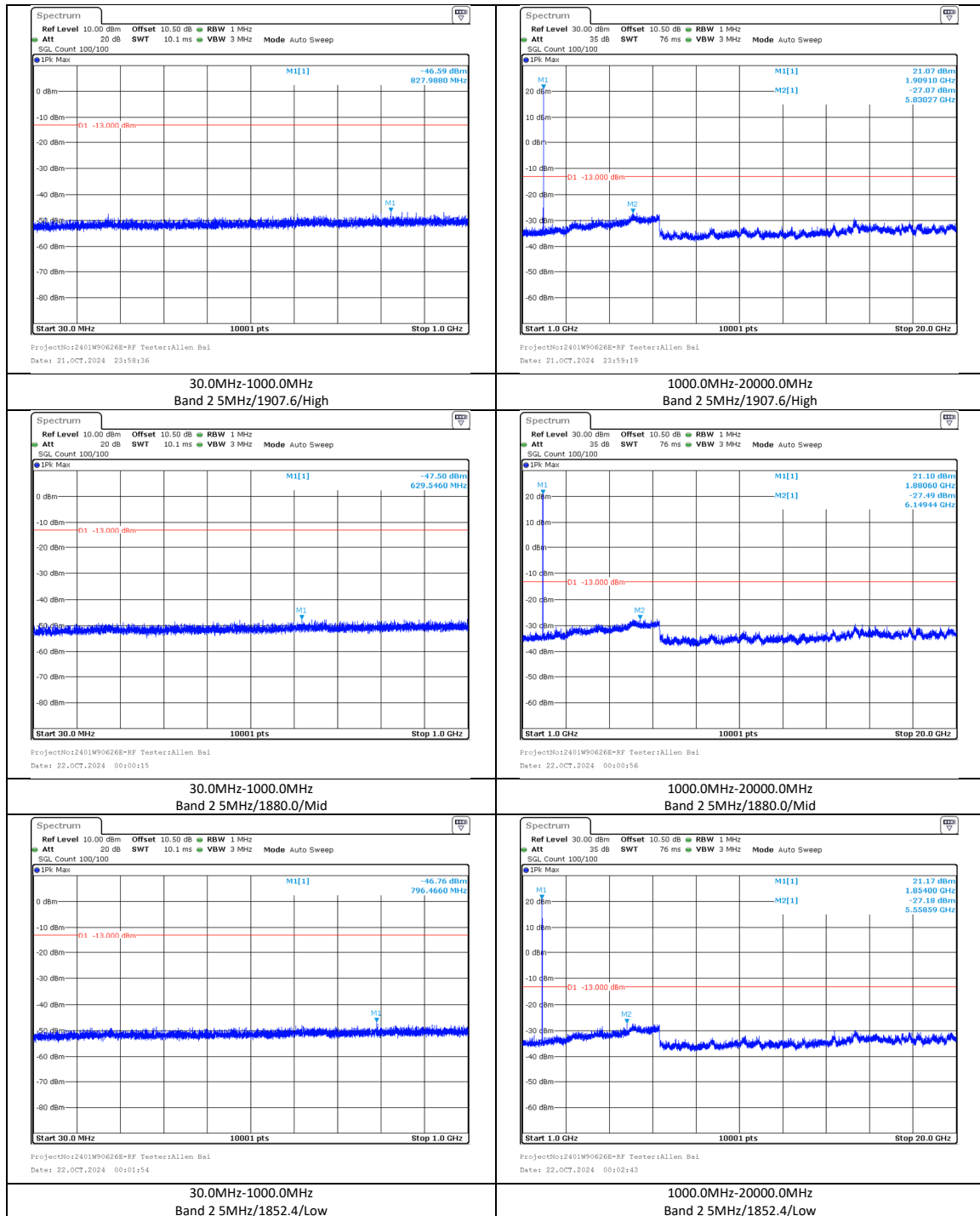
Band	Channel	Freq (MHz)	Result (dB)	Limit (dB)	Verdict
2	9538	1907.6	3.33	13	PASS
2	9400	1880.0	3.04	13	PASS
2	9262	1852.4	3.28	13	PASS
4	1513	1752.6	2.78	13	PASS
4	1412	1732.4	3.42	13	PASS
4	1312	1712.4	3.22	13	PASS
5	4233	846.6	3.77	13	PASS
5	4182	836.4	3.25	13	PASS
5	4132	826.4	3.39	13	PASS

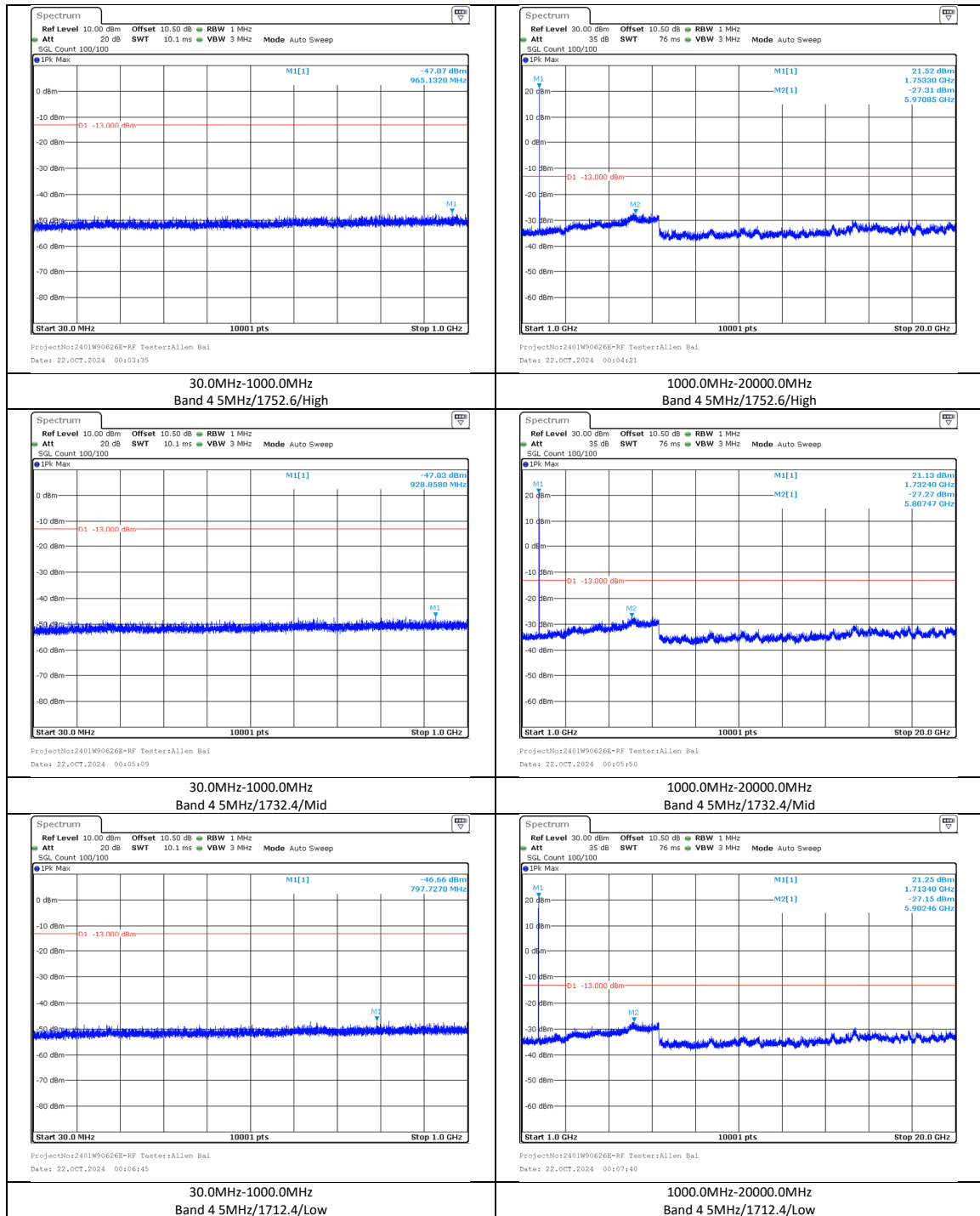
Occupied Bandwidth

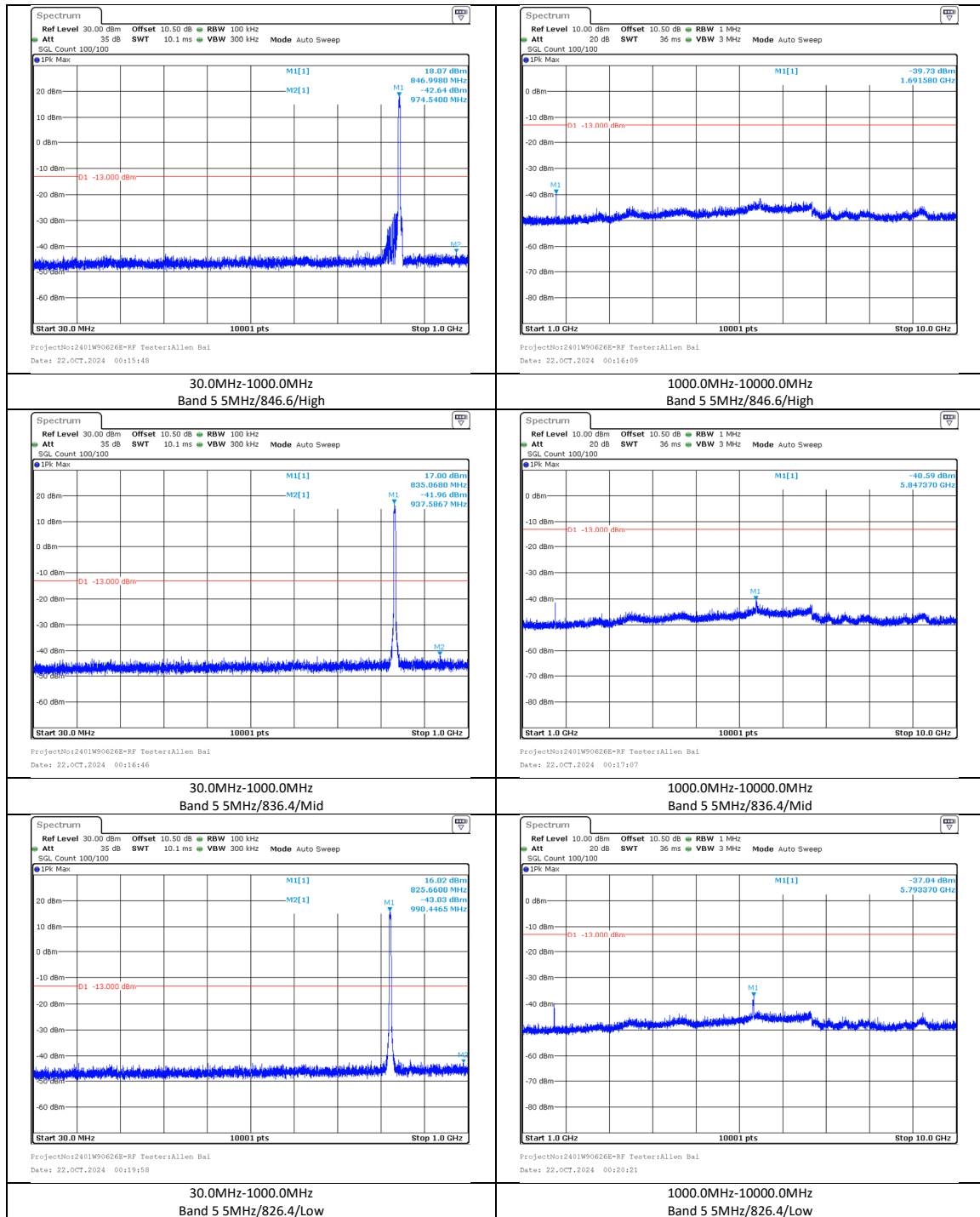
Band	Channel	Freq (MHz)	OBW (MHz)	26dB BW (MHz)	Verdict
2	9400	1880.0	4.1679	4.703	PASS
4	1412	1732.4	4.1534	4.674	PASS
5	4182	836.4	4.1245	4.674	PASS



Conducted Spurious Emissions







Frequency Stability

Band 2

Test Mode:	WCDMA R99	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.87	1850.140	1850.000	1909.813	1910.000
	-20	3.87	1850.014	1850.000	1909.920	1910.000
	-10	3.87	1850.134	1850.000	1909.803	1910.000
	0	3.87	1850.115	1850.000	1909.920	1910.000
	10	3.87	1850.170	1850.000	1909.916	1910.000
	20	3.87	1850.040	1850.000	1909.808	1910.000
	30	3.87	1850.164	1850.000	1909.868	1910.000
	40	3.87	1850.160	1850.000	1909.821	1910.000
	50	3.87	1850.059	1850.000	1909.864	1910.000
Frequency Stability vs. Voltage	20	3.42	1850.059	1850.000	1909.886	1910.000
	20	4.45	1850.067	1850.000	1909.822	1910.000
					Result:	Pass

Band 5

Test Mode:	WCDMA R99		Test Channel:	836.4	MHz
Test Item	Temperature (°C)	Voltage (V _{DC})	Frequency Error		Limit
			(Hz)	(ppm)	(ppm)
Frequency Stability vs. Temperature	-30	3.87	6.31	0.00754	2.5
	-20	3.87	6.43	0.00769	2.5
	-10	3.87	6.77	0.00809	2.5
	0	3.87	8.16	0.00976	2.5
	10	3.87	8.27	0.00989	2.5
	20	3.87	3.96	0.00473	2.5
	30	3.87	7.15	0.00855	2.5
	40	3.87	4.89	0.00585	2.5
	50	3.87	6.16	0.00736	2.5
Frequency Stability vs. Voltage	20	3.42	6.20	0.00741	2.5
	20	4.45	6.96	0.00832	2.5
				Result:	Pass

Band 4

Test Mode:	WCDMA R99	Test Channel: Lowest for Lower Edge, Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.87	1710.070	1710	1754.879	1755
	-20	3.87	1710.165	1710	1754.967	1755
	-10	3.87	1710.113	1710	1754.869	1755
	0	3.87	1710.144	1710	1754.871	1755
	10	3.87	1710.142	1710	1754.878	1755
	20	3.87	1710.156	1710	1754.828	1755
	30	3.87	1710.028	1710	1754.866	1755
	40	3.87	1710.021	1710	1754.932	1755
	50	3.87	1710.150	1710	1754.841	1755
Frequency Stability vs. Voltage	20	3.42	1710.067	1710	1754.896	1755
	20	4.45	1710.121	1710	1754.952	1755
					Result:	Pass