

Appendix A: Effective (Isotropic) Radiated Power Output Data

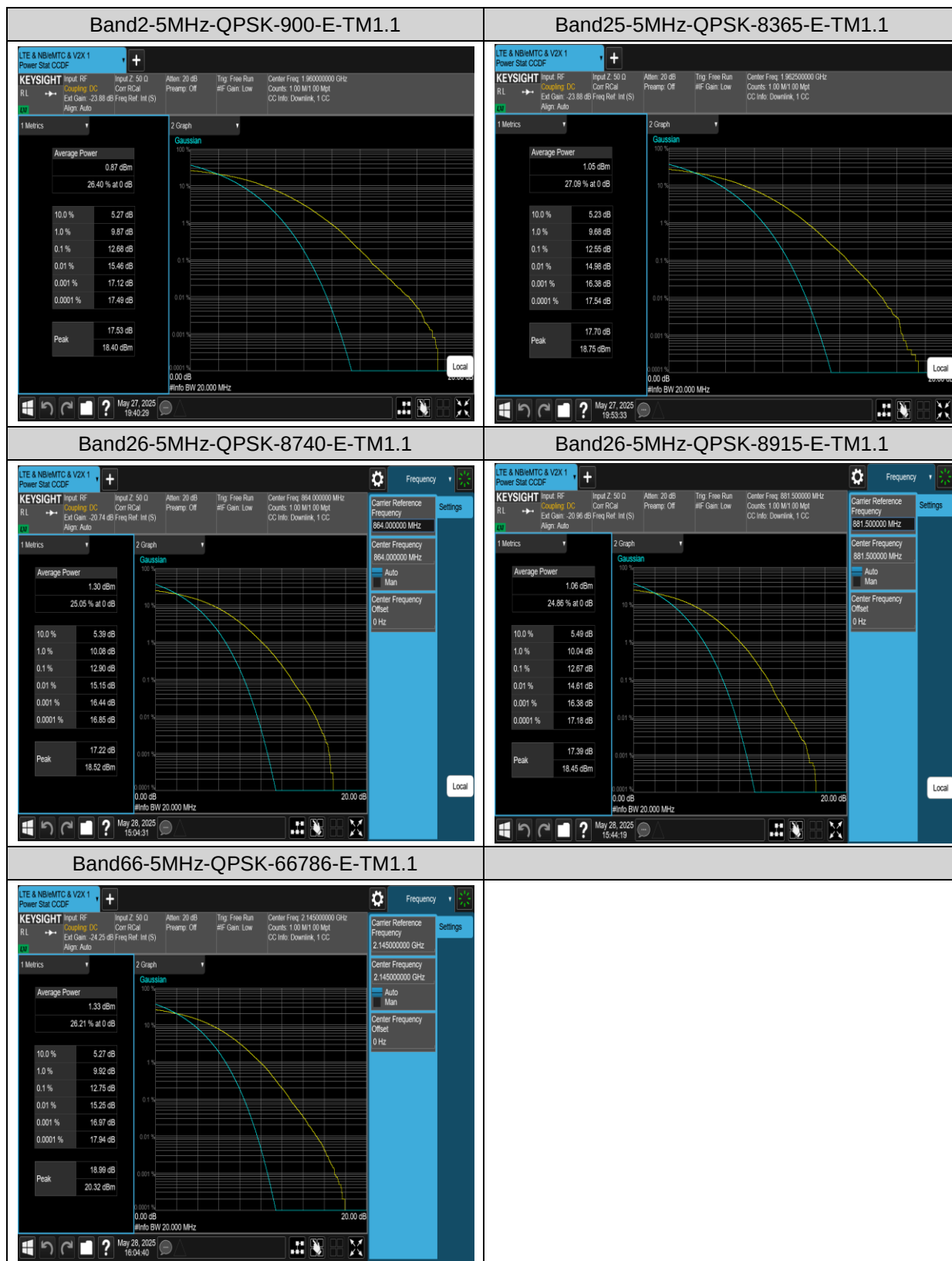
Test Result

Band	Bandwidth	Modulation	Channel	Mode	Power (dBm)	Gain	Eirp	Limit (dBm/5MHz)	Verdict
Band2	5MHz	QPSK	625	E-TM1.1	0.81	1.2	0.81	62.15	PASS
Band2	5MHz	QPSK	900	E-TM1.1	0.50	1.2	0.50	62.15	PASS
Band2	5MHz	QPSK	1175	E-TM1.1	-0.08	1.2	-0.08	62.15	PASS
Band25	5MHz	QPSK	8065	E-TM1.1	0.56	1.2	0.56	62.15	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	0.38	1.2	0.38	62.15	PASS
Band25	5MHz	QPSK	8665	E-TM1.1	0.25	1.2	0.25	62.15	PASS
Band26	5MHz	QPSK	8715	E-TM1.1	1.03	3.14	1.03	60.00	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	1.06	3.14	1.06	60.00	PASS
Band26	5MHz	QPSK	8765	E-TM1.1	1.16	3.14	1.16	56.99	PASS
Band26	5MHz	QPSK	8815	E-TM1.1	1.28	3.14	1.28	56.99	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	1.37	3.14	1.37	56.99	PASS
Band26	5MHz	QPSK	9015	E-TM1.1	1.30	3.14	1.30	60.00	PASS
Band66	5MHz	QPSK	66461	E-TM1.1	0.55	0.62	0.55	62.15	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	1.00	0.62	1.00	62.15	PASS
Band66	5MHz	QPSK	67111	E-TM1.1	0.76	0.62	0.76	62.15	PASS

Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	Mode	Result(dBm)	Limit(dBm)	Verdict
Band2	5MHz	QPSK	900	E-TM1.1	12.68	---	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	12.55	---	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	12.90	---	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	12.67	---	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	12.75	---	PASS

Test Graphs

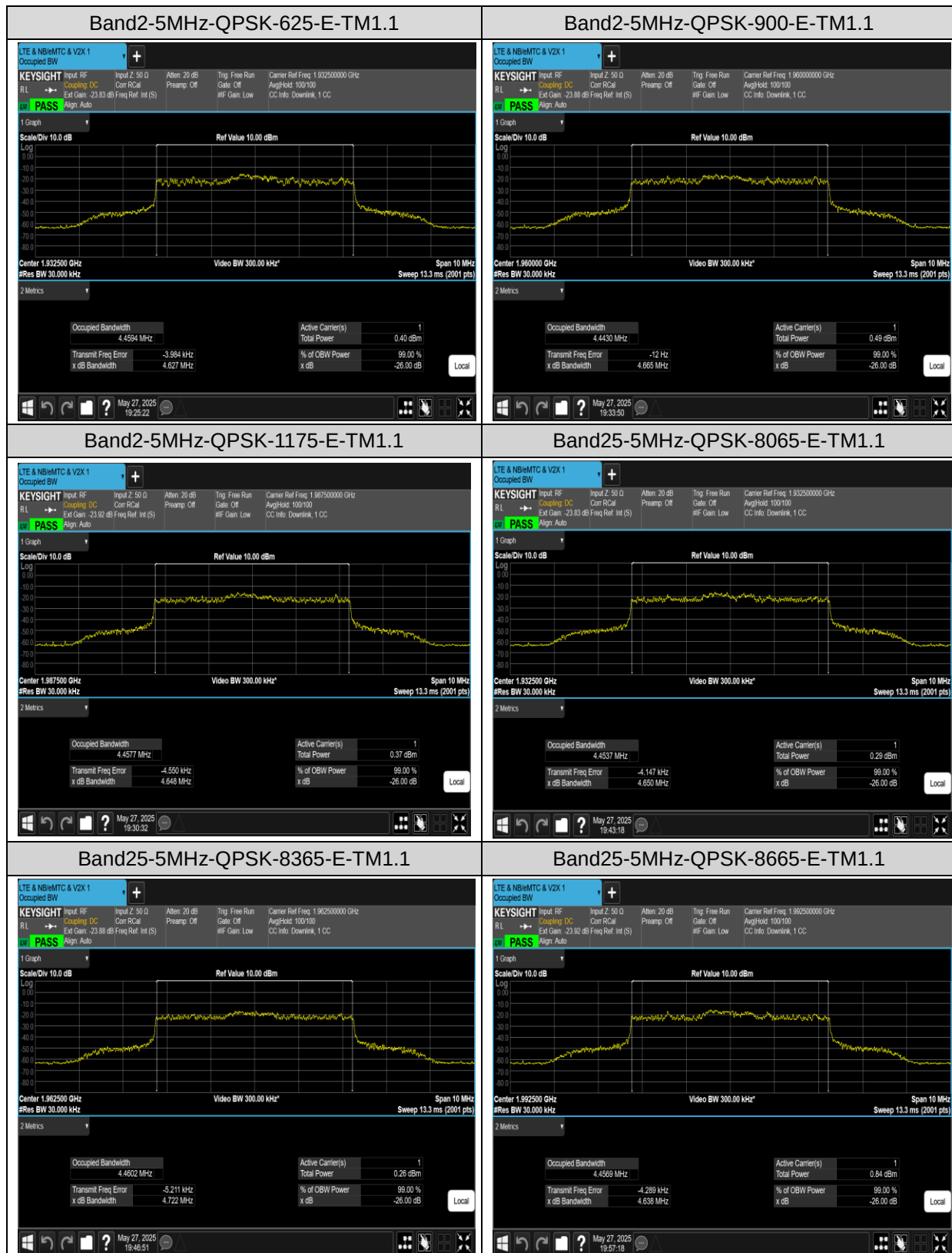


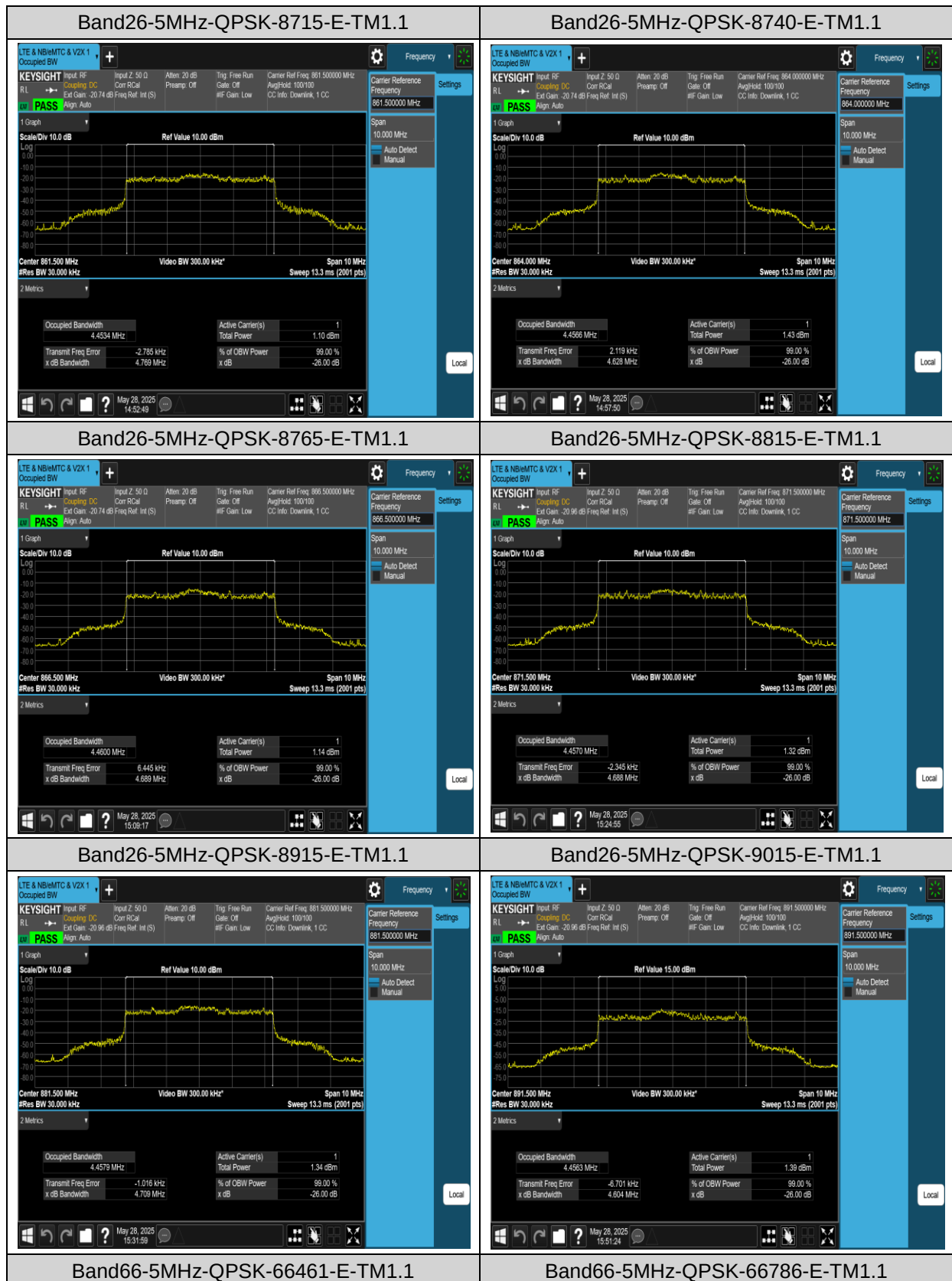
Appendix C: 26dB Bandwidth and Occupied Bandwidth

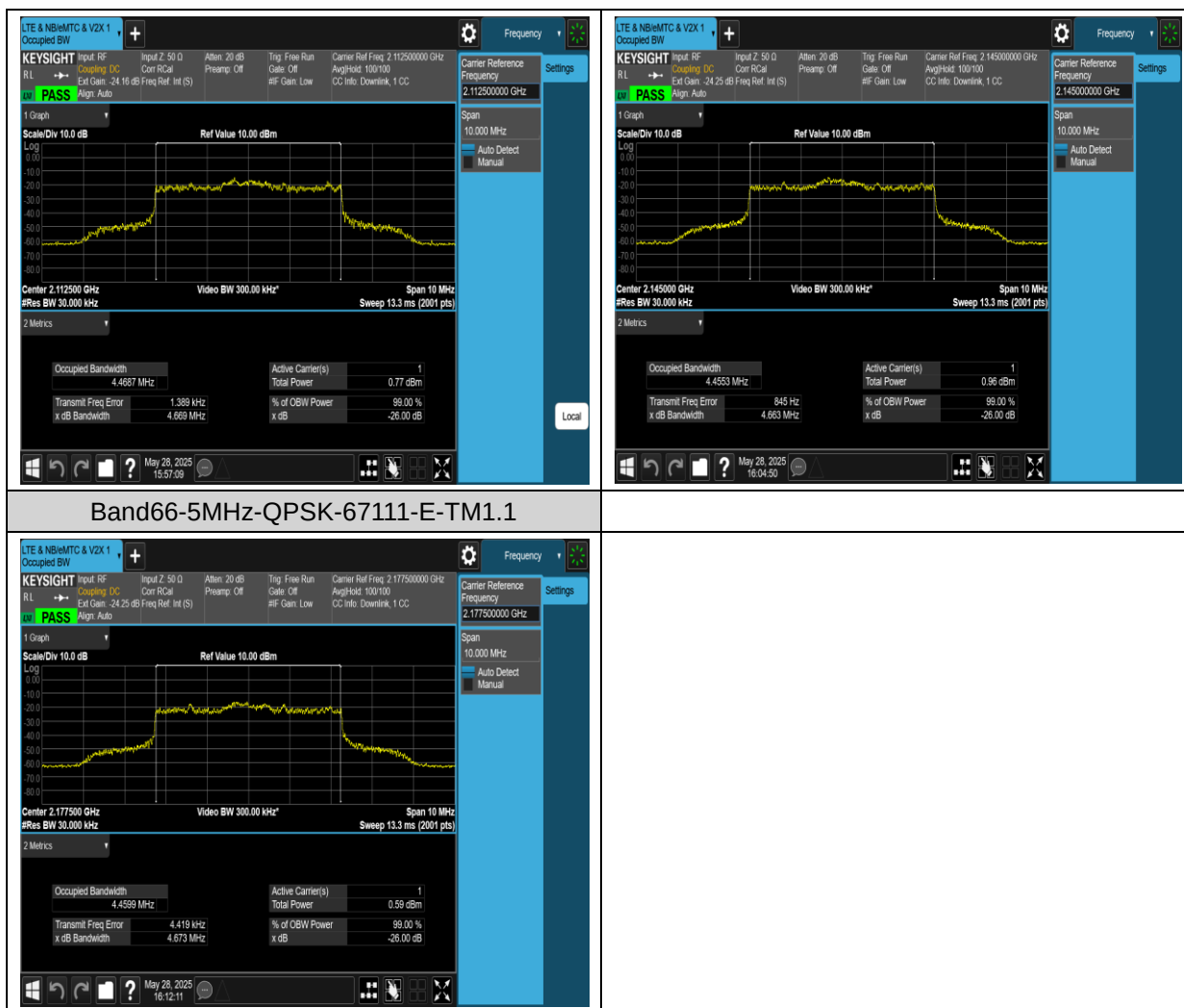
Test Result

Band	Bandwidth	Modulation	Channel	Mode	99%(MHz)	EBW(MHz)	Verdict
Band2	5MHz	QPSK	625	E-TM1.1	4.4594	4.627	PASS
Band2	5MHz	QPSK	900	E-TM1.1	4.4430	4.665	PASS
Band2	5MHz	QPSK	1175	E-TM1.1	4.4577	4.648	PASS
Band25	5MHz	QPSK	8065	E-TM1.1	4.4537	4.650	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	4.4602	4.722	PASS
Band25	5MHz	QPSK	8665	E-TM1.1	4.4569	4.638	PASS
Band26	5MHz	QPSK	8715	E-TM1.1	4.4534	4.769	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	4.4566	4.628	PASS
Band26	5MHz	QPSK	8765	E-TM1.1	4.4600	4.689	PASS
Band26	5MHz	QPSK	8815	E-TM1.1	4.4570	4.688	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	4.4579	4.709	PASS
Band26	5MHz	QPSK	9015	E-TM1.1	4.4563	4.604	PASS
Band66	5MHz	QPSK	66461	E-TM1.1	4.4687	4.669	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	4.4553	4.663	PASS
Band66	5MHz	QPSK	67111	E-TM1.1	4.4599	4.673	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	Mode	Max Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
Band2	5MHz	QPSK	1175	E-TM1.1	1990.06	-31.82	-13	PASS
Band2	5MHz	QPSK	625	E-TM1.1	1929.40	-31.54	-13	PASS
Band25	5MHz	QPSK	8065	E-TM1.1	1929.87	-30.28	-13	PASS
Band25	5MHz	QPSK	8665	E-TM1.1	1995.11	-30.87	-13	PASS
Band26	5MHz	QPSK	8715	E-TM1.1	858.95	-21.35	-13	PASS
Band26	5MHz	QPSK	8765	E-TM1.1	869.63	-27.05	-13	PASS
Band26	5MHz	QPSK	8815	E-TM1.1	868.83	-27.46	-13	PASS
Band26	5MHz	QPSK	9015	E-TM1.1	894.30	-25.49	-13	PASS
Band66	5MHz	QPSK	66461	E-TM1.1	2109.05	-27.49	-13	PASS
Band66	5MHz	QPSK	67111	E-TM1.1	2180.00	-25.78	-13	PASS

Test Graphs



Band26-5MHz-QPSK-8765-E-TM1.1-869~870



Band26-5MHz-QPSK-9015-E-TM1.1-894~895



Band66-5MHz-QPSK-66461-E-TM1.1-2109~2110



Band66-5MHz-QPSK-67111-E-TM1.1-2180~2181

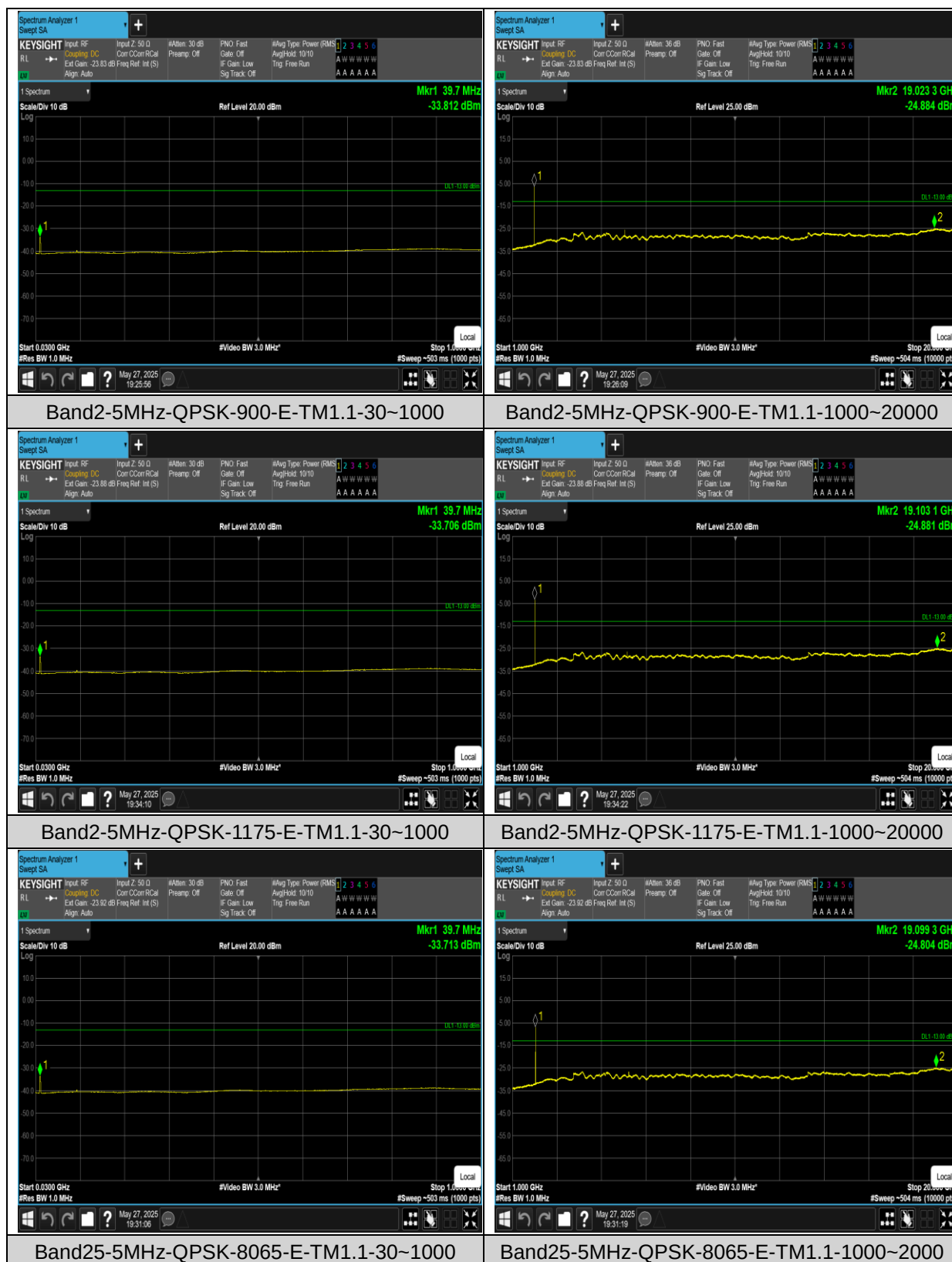


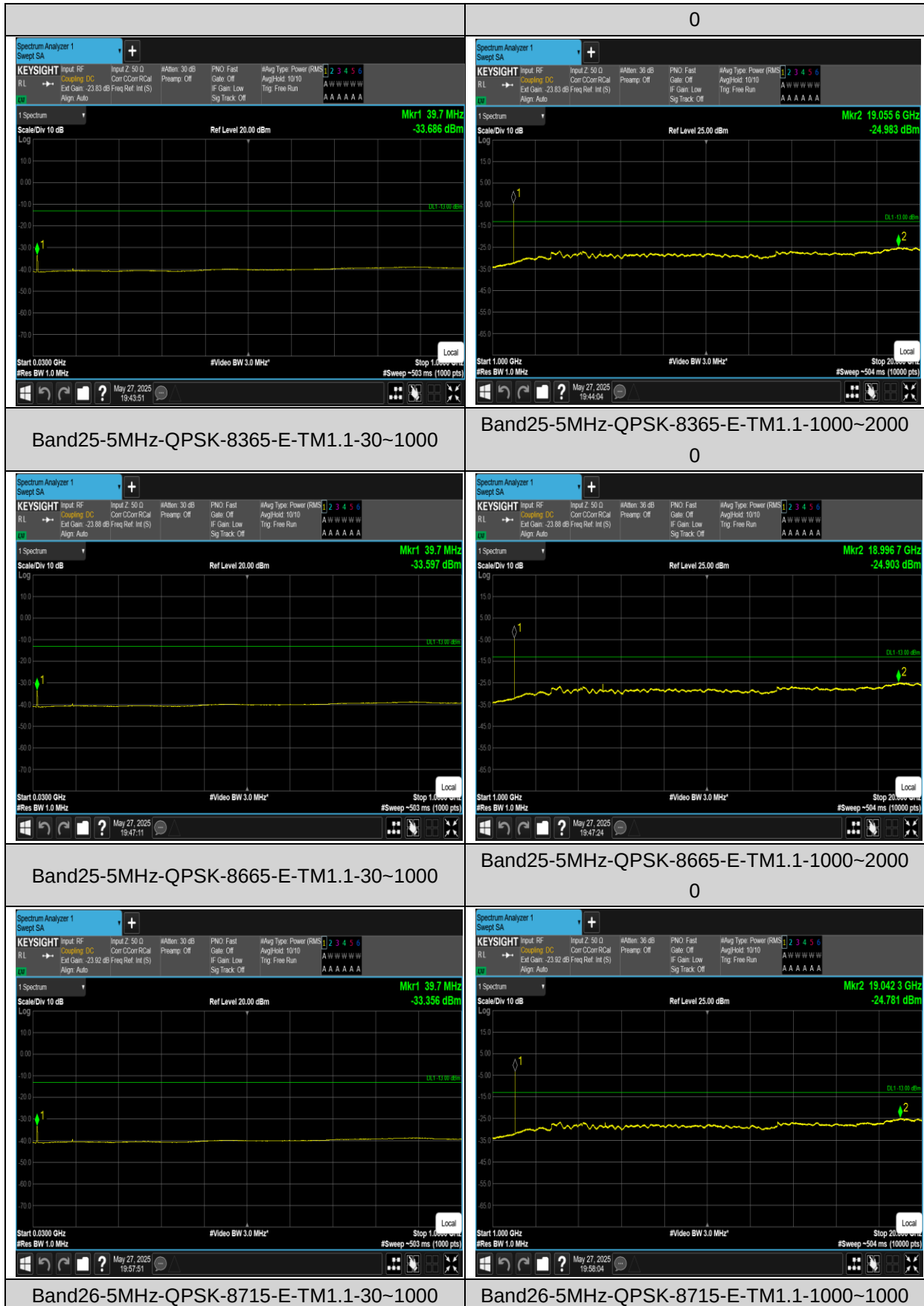
Appendix E: Conducted Spurious Emission

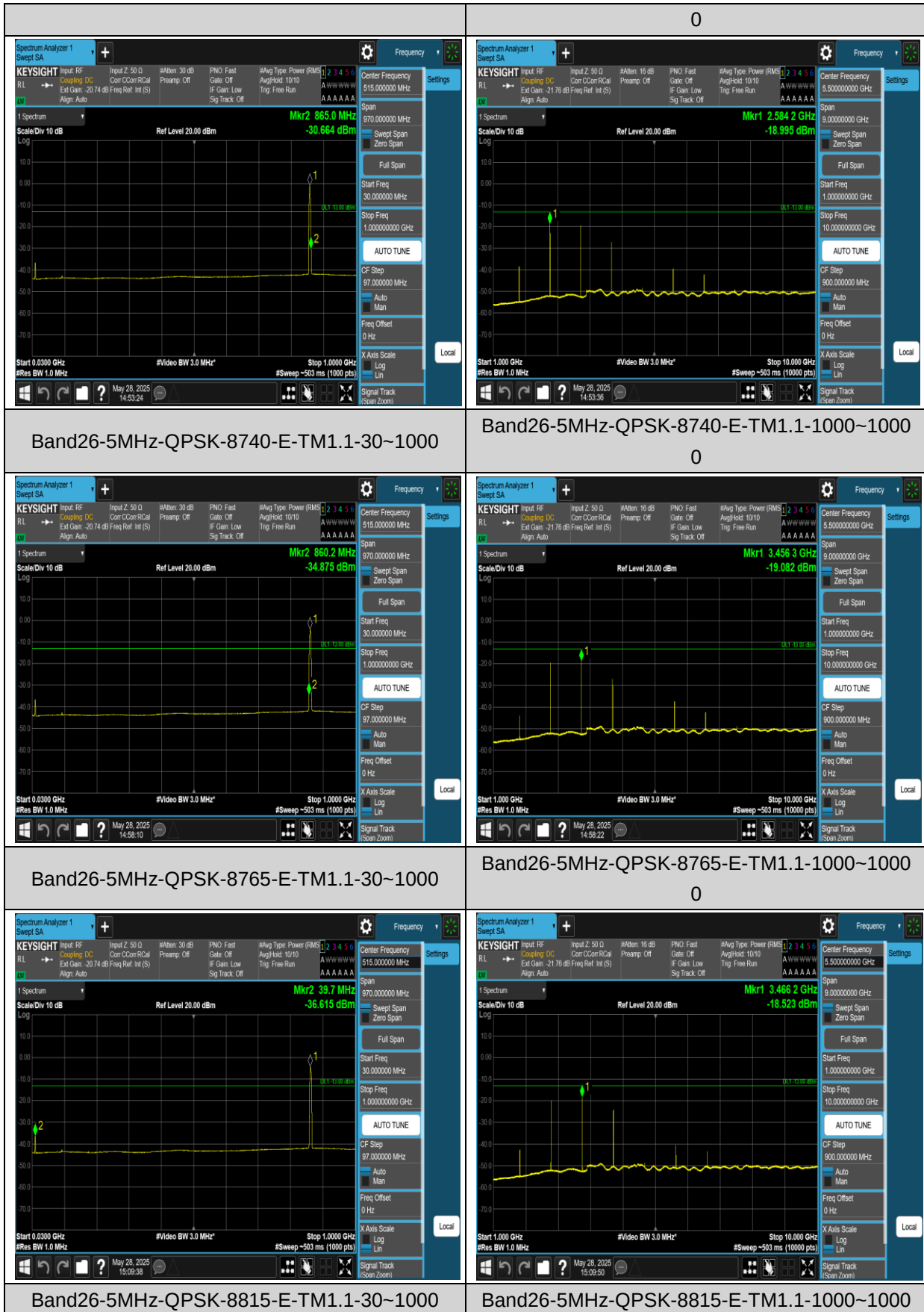
Test Result

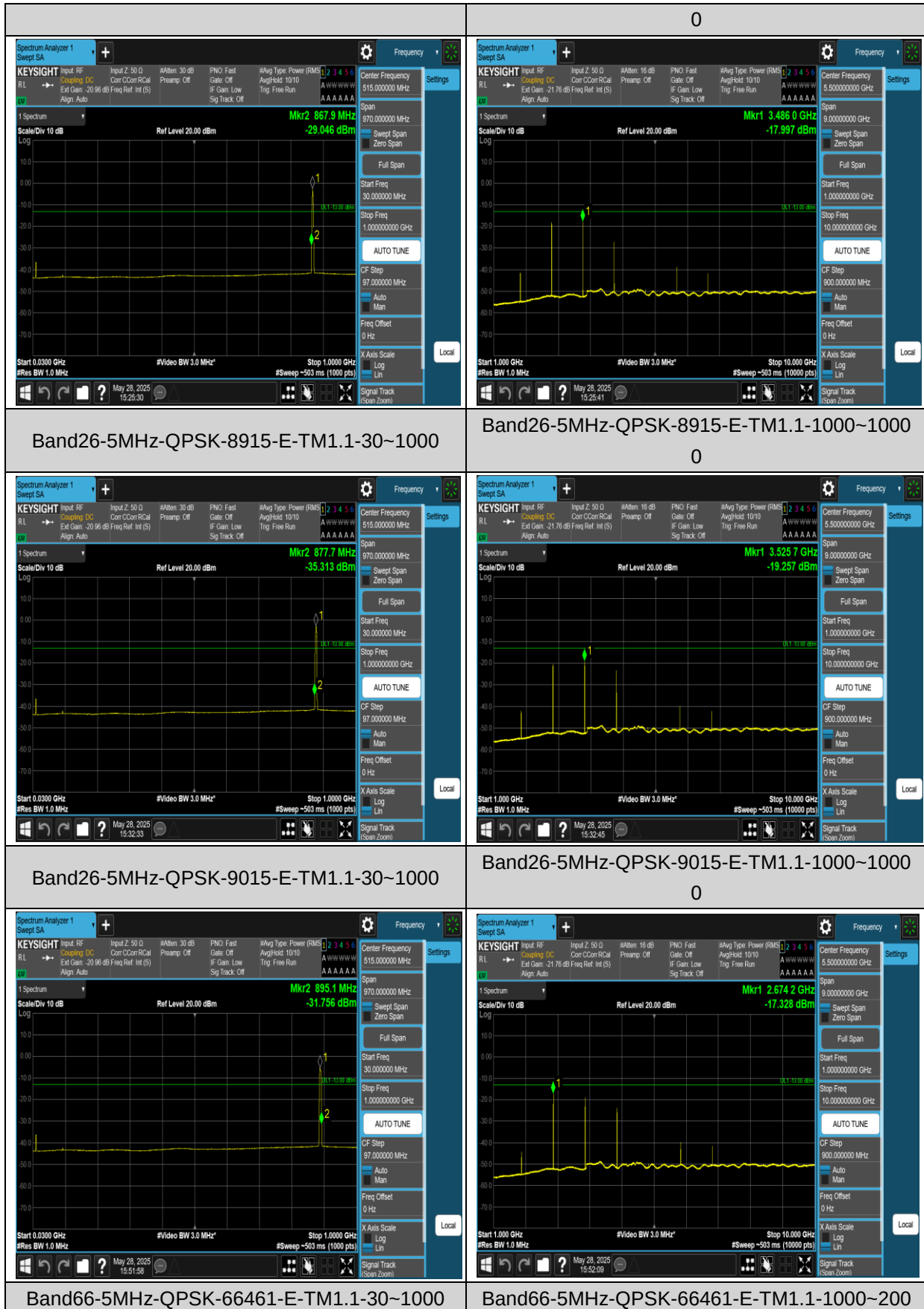
Band	Bandwidth	Modulation	Channel	Mode	Test Frequency(MHz)	Result (dBm)	Verdict
Band2	5MHz	QPSK	625	E-TM1.1	30~1000	-33.81	PASS
Band2	5MHz	QPSK	625	E-TM1.1	1000~20000	-24.88	PASS
Band2	5MHz	QPSK	900	E-TM1.1	30~1000	-33.71	PASS
Band2	5MHz	QPSK	900	E-TM1.1	1000~20000	-24.88	PASS
Band2	5MHz	QPSK	1175	E-TM1.1	30~1000	-33.71	PASS
Band2	5MHz	QPSK	1175	E-TM1.1	1000~20000	-24.8	PASS
Band25	5MHz	QPSK	8065	E-TM1.1	30~1000	-33.69	PASS
Band25	5MHz	QPSK	8065	E-TM1.1	1000~20000	-24.98	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	30~1000	-33.6	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	1000~20000	-24.9	PASS
Band25	5MHz	QPSK	8665	E-TM1.1	30~1000	-33.36	PASS
Band25	5MHz	QPSK	8665	E-TM1.1	1000~20000	-24.78	PASS
Band26	5MHz	QPSK	8715	E-TM1.1	30~1000	-30.66	PASS
Band26	5MHz	QPSK	8715	E-TM1.1	1000~10000	-19	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	30~1000	-34.88	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	1000~10000	-19.08	PASS
Band26	5MHz	QPSK	8765	E-TM1.1	30~1000	-36.62	PASS
Band26	5MHz	QPSK	8765	E-TM1.1	1000~10000	-18.52	PASS
Band26	5MHz	QPSK	8815	E-TM1.1	30~1000	-29.05	PASS
Band26	5MHz	QPSK	8815	E-TM1.1	1000~10000	-18	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	30~1000	-35.31	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	1000~10000	-19.26	PASS
Band26	5MHz	QPSK	9015	E-TM1.1	30~1000	-31.76	PASS
Band26	5MHz	QPSK	9015	E-TM1.1	1000~10000	-17.33	PASS
Band66	5MHz	QPSK	66461	E-TM1.1	30~1000	-33.31	PASS
Band66	5MHz	QPSK	66461	E-TM1.1	1000~20000	-24.42	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	30~1000	-33.18	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	1000~20000	-24.33	PASS
Band66	5MHz	QPSK	67111	E-TM1.1	30~1000	-33.26	PASS
Band66	5MHz	QPSK	67111	E-TM1.1	1000~20000	-24.45	PASS

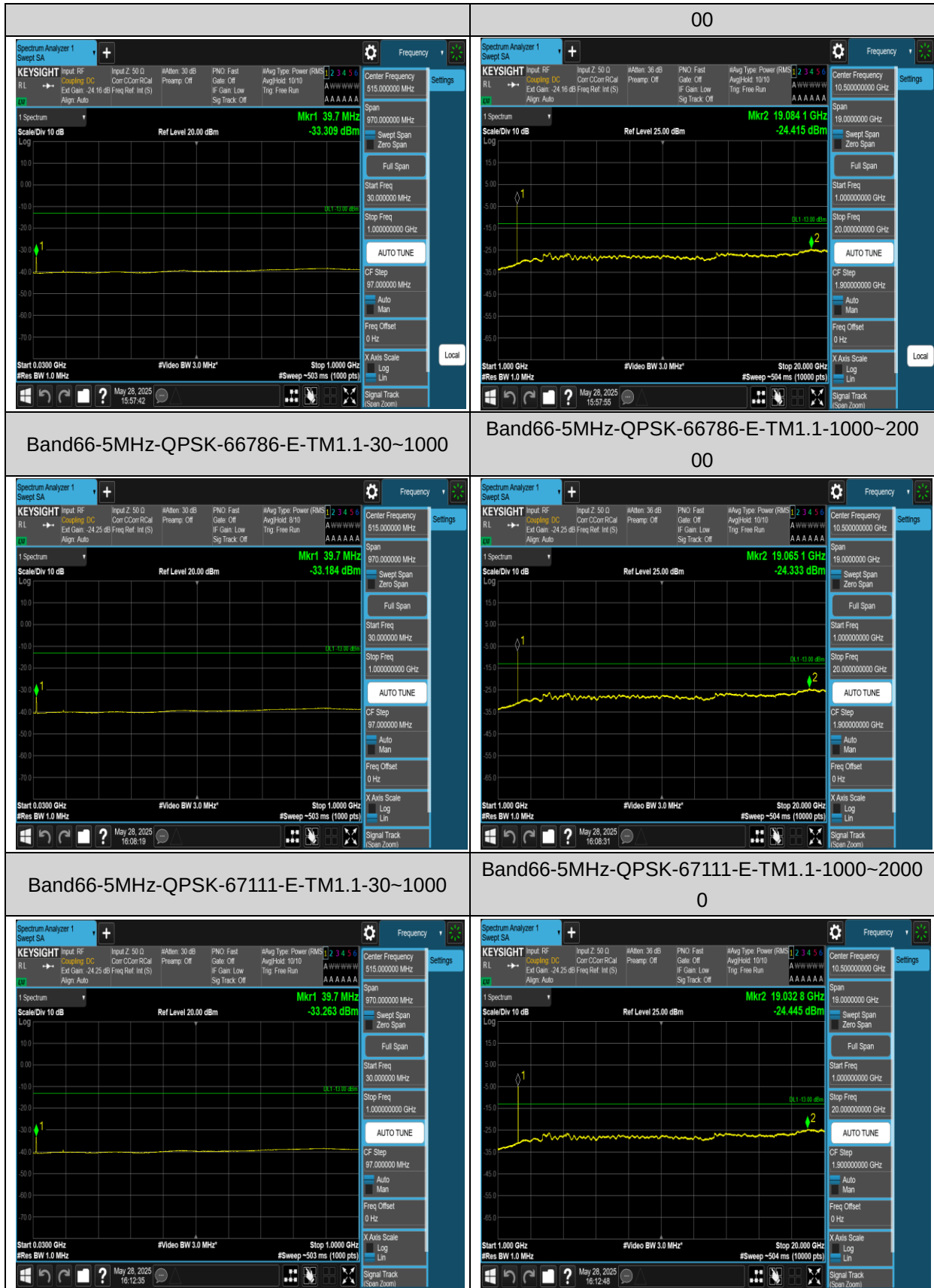
Test Graphs











Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	Mode	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	5MHz	QPSK	900	E-TM1.1	LV	NT	77	0.039286	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	NT	76	0.038776	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	HV	NT	78	0.039796	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	LV	NT	73	0.037197	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	NT	73	0.037197	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	HV	NT	73	0.037197	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	LV	NT	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	NT	52	0.060185	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	HV	NT	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	LV	NT	46	0.052184	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	NT	46	0.052184	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	HV	NT	46	0.052184	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	LV	NT	51	0.023776	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	NT	53	0.024709	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	HV	NT	49	0.022844	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	Mode	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	5MHz	QPSK	900	E-TM1.1	NV	-50	81	0.041327	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	-40	81	0.041327	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	-30	81	0.041327	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	-20	82	0.041837	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	-10	82	0.041837	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	0	82	0.041837	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	10	83	0.042347	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	20	82	0.041837	±2.5	PASS
Band2	5MHz	QPSK	900	E-TM1.1	NV	30	82	0.041837	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	-50	72	0.036688	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	-40	70	0.035669	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	-30	69	0.035159	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	-20	69	0.035159	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	-10	70	0.035669	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	0	68	0.034650	±2.5	PASS

Band25	5MHz	QPSK	8365	E-TM1.1	NV	10	68	0.034650	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	20	69	0.035159	±2.5	PASS
Band25	5MHz	QPSK	8365	E-TM1.1	NV	30	69	0.035159	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	-50	52	0.060185	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	-40	52	0.060185	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	-30	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	-20	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	-10	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	0	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	10	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	20	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8740	E-TM1.1	NV	30	53	0.061343	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	-50	46	0.052184	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	-40	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	-30	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	-20	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	-10	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	0	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	10	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	20	47	0.053318	±2.5	PASS
Band26	5MHz	QPSK	8915	E-TM1.1	NV	30	47	0.053318	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	-50	50	0.023310	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	-40	51	0.023776	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	-30	50	0.023310	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	-20	49	0.022844	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	-10	49	0.022844	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	0	50	0.023310	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	10	50	0.023310	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	20	49	0.022844	±2.5	PASS
Band66	5MHz	QPSK	66786	E-TM1.1	NV	30	48	0.022378	±2.5	PASS