

Appendix - LTE

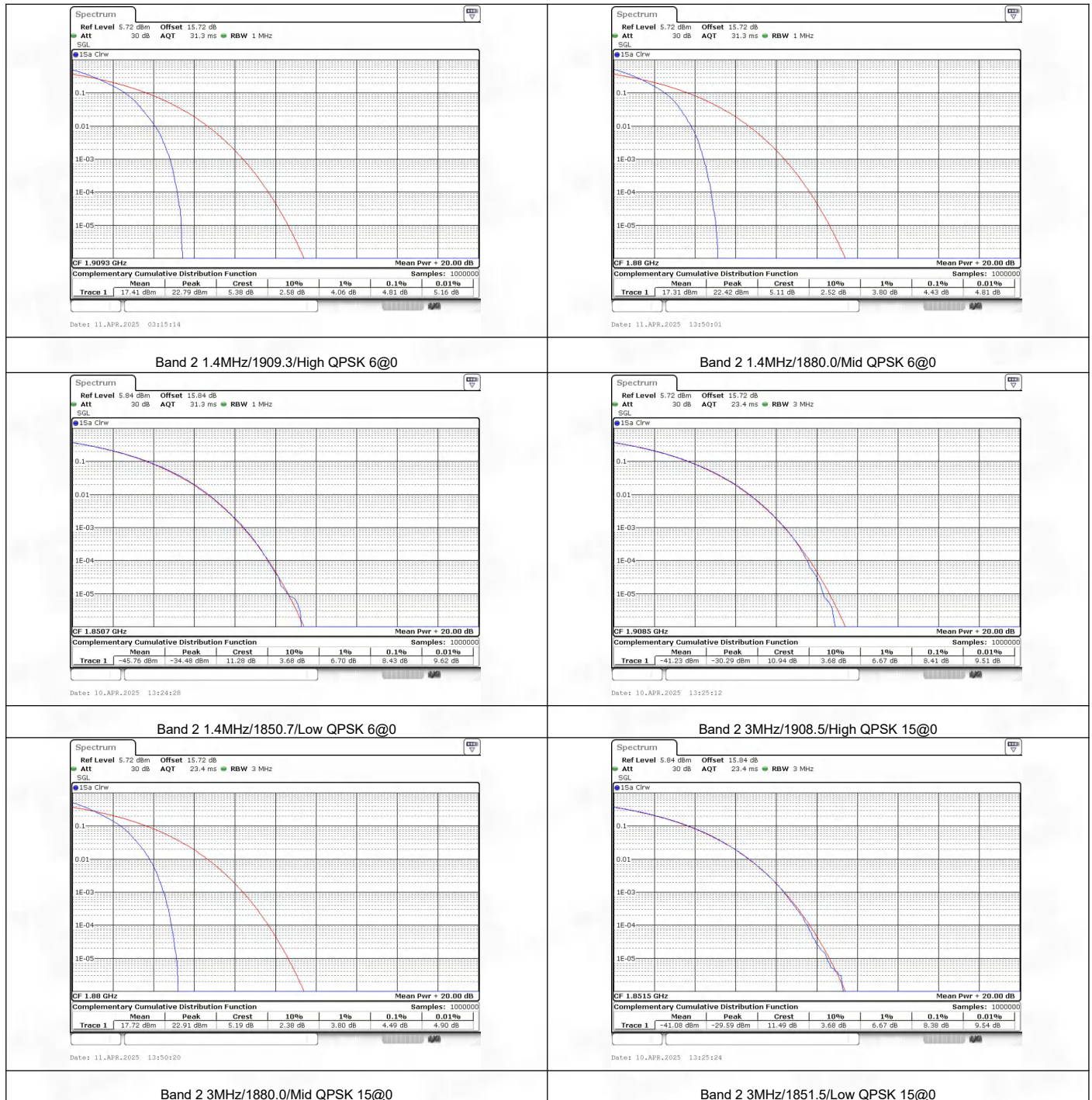
1. Transmitter Conducted Output Power And ERP/EIRP

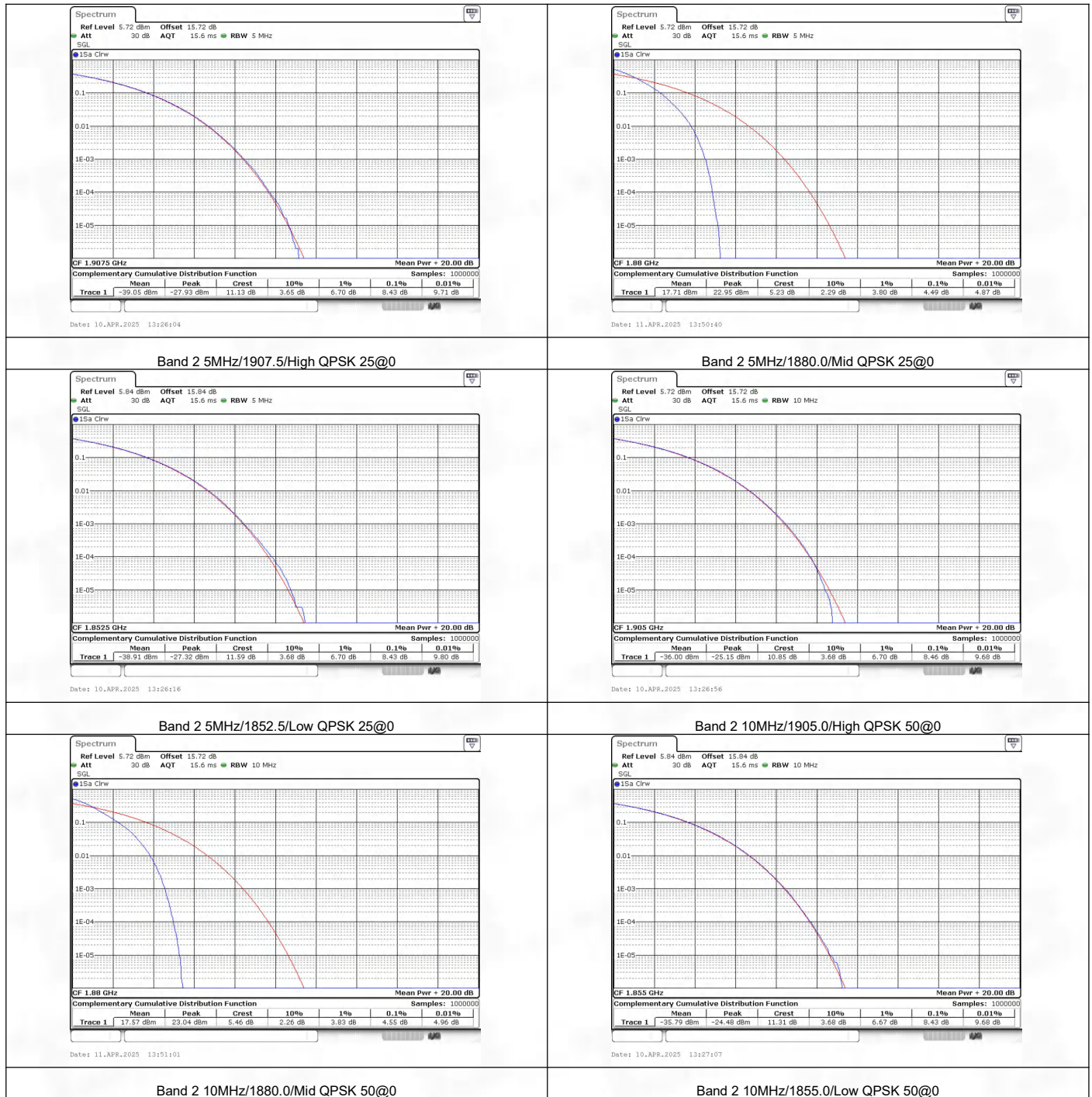
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP(Limit) (dBm)	Verdict
2	1.4	19193	1909.3	QPSK	1@0	22.98	21.16	33.01	PASS
2	1.4	19193	1909.3	QPSK	1@2	22.91	21.09	33.01	PASS
2	1.4	19193	1909.3	QPSK	1@5	22.8	20.98	33.01	PASS
2	1.4	19193	1909.3	QPSK	3@0	22.85	21.03	33.01	PASS
2	1.4	19193	1909.3	QPSK	3@1	22.82	21	33.01	PASS
2	1.4	19193	1909.3	QPSK	3@2	22.77	20.95	33.01	PASS
2	1.4	19193	1909.3	QPSK	6@0	21.71	19.89	33.01	PASS
2	1.4	18900	1880.0	QPSK	1@0	22.52	20.7	33.01	PASS
2	1.4	18900	1880.0	QPSK	1@2	22.29	20.47	33.01	PASS
2	1.4	18900	1880.0	QPSK	1@5	22.36	20.54	33.01	PASS
2	1.4	18900	1880.0	QPSK	3@0	22.4	20.58	33.01	PASS
2	1.4	18900	1880.0	QPSK	3@1	22.36	20.54	33.01	PASS
2	1.4	18900	1880.0	QPSK	3@2	22.37	20.55	33.01	PASS
2	1.4	18900	1880.0	QPSK	6@0	21.45	19.63	33.01	PASS
2	1.4	18607	1850.7	QPSK	1@0	22.66	20.84	33.01	PASS
2	1.4	18607	1850.7	QPSK	1@2	22.61	20.79	33.01	PASS
2	1.4	18607	1850.7	QPSK	1@5	22.58	20.76	33.01	PASS
2	1.4	18607	1850.7	QPSK	3@0	22.67	20.85	33.01	PASS
2	1.4	18607	1850.7	QPSK	3@1	22.62	20.8	33.01	PASS
2	1.4	18607	1850.7	QPSK	3@2	22.58	20.76	33.01	PASS
2	1.4	18607	1850.7	QPSK	6@0	21.67	19.85	33.01	PASS
2	3.0	19185	1908.5	QPSK	1@0	22.66	20.84	33.01	PASS
2	3.0	19185	1908.5	QPSK	1@7	22.77	20.95	33.01	PASS
2	3.0	19185	1908.5	QPSK	1@14	22.56	20.74	33.01	PASS
2	3.0	19185	1908.5	QPSK	8@0	21.65	19.83	33.01	PASS
2	3.0	19185	1908.5	QPSK	8@4	21.59	19.77	33.01	PASS
2	3.0	19185	1908.5	QPSK	8@7	21.66	19.84	33.01	PASS
2	3.0	19185	1908.5	QPSK	15@0	21.57	19.75	33.01	PASS
2	3.0	18900	1880.0	QPSK	1@0	22.45	20.63	33.01	PASS
2	3.0	18900	1880.0	QPSK	1@7	22.34	20.52	33.01	PASS
2	3.0	18900	1880.0	QPSK	1@14	22.19	20.37	33.01	PASS
2	3.0	18900	1880.0	QPSK	8@0	21.47	19.65	33.01	PASS
2	3.0	18900	1880.0	QPSK	8@4	21.46	19.64	33.01	PASS
2	3.0	18900	1880.0	QPSK	8@7	21.35	19.53	33.01	PASS
2	3.0	18900	1880.0	QPSK	15@0	21.42	19.6	33.01	PASS
2	3.0	18615	1851.5	QPSK	1@0	22.47	20.65	33.01	PASS
2	3.0	18615	1851.5	QPSK	1@7	22.51	20.69	33.01	PASS
2	3.0	18615	1851.5	QPSK	1@14	22.36	20.54	33.01	PASS
2	3.0	18615	1851.5	QPSK	8@0	21.58	19.76	33.01	PASS
2	3.0	18615	1851.5	QPSK	8@4	21.55	19.73	33.01	PASS
2	3.0	18615	1851.5	QPSK	8@7	21.54	19.72	33.01	PASS
2	3.0	18615	1851.5	QPSK	15@0	21.52	19.7	33.01	PASS
2	5.0	19175	1907.5	QPSK	1@0	22.93	21.11	33.01	PASS
2	5.0	19175	1907.5	QPSK	1@12	22.81	20.99	33.01	PASS
2	5.0	19175	1907.5	QPSK	1@24	22.91	21.09	33.01	PASS
2	5.0	19175	1907.5	QPSK	12@0	21.6	19.78	33.01	PASS
2	5.0	19175	1907.5	QPSK	12@6	21.59	19.77	33.01	PASS
2	5.0	19175	1907.5	QPSK	12@11	21.56	19.74	33.01	PASS
2	5.0	19175	1907.5	QPSK	25@0	21.58	19.76	33.01	PASS
2	5.0	18900	1880.0	QPSK	1@0	22.93	21.11	33.01	PASS
2	5.0	18900	1880.0	QPSK	1@12	22.58	20.76	33.01	PASS
2	5.0	18900	1880.0	QPSK	1@24	22.57	20.75	33.01	PASS
2	5.0	18900	1880.0	QPSK	12@0	21.77	19.95	33.01	PASS
2	5.0	18900	1880.0	QPSK	12@6	21.77	19.95	33.01	PASS
2	5.0	18900	1880.0	QPSK	12@11	21.75	19.93	33.01	PASS
2	5.0	18900	1880.0	QPSK	25@0	21.64	19.82	33.01	PASS
2	5.0	18625	1852.5	QPSK	1@0	22.61	20.79	33.01	PASS
2	5.0	18625	1852.5	QPSK	1@12	22.61	20.79	33.01	PASS
2	5.0	18625	1852.5	QPSK	1@24	22.65	20.83	33.01	PASS
2	5.0	18625	1852.5	QPSK	12@0	21.57	19.75	33.01	PASS
2	5.0	18625	1852.5	QPSK	12@6	21.55	19.73	33.01	PASS
2	5.0	18625	1852.5	QPSK	12@11	21.55	19.73	33.01	PASS
2	5.0	18625	1852.5	QPSK	25@0	21.5	19.68	33.01	PASS
2	10.0	19150	1905.0	QPSK	1@0	22.84	21.02	33.01	PASS
2	10.0	19150	1905.0	QPSK	1@24	22.57	20.75	33.01	PASS
2	10.0	19150	1905.0	QPSK	1@49	22.87	21.05	33.01	PASS
2	10.0	19150	1905.0	QPSK	25@0	21.29	19.47	33.01	PASS
2	10.0	19150	1905.0	QPSK	25@12	21.29	19.47	33.01	PASS
2	10.0	19150	1905.0	QPSK	25@24	21.21	19.39	33.01	PASS
2	10.0	19150	1905.0	QPSK	50@0	21.24	19.42	33.01	PASS
2	10.0	18900	1880.0	QPSK	1@0	23.05	21.23	33.01	PASS
2	10.0	18900	1880.0	QPSK	1@24	22.56	20.74	33.01	PASS
2	10.0	18900	1880.0	QPSK	1@49	22.58	20.76	33.01	PASS

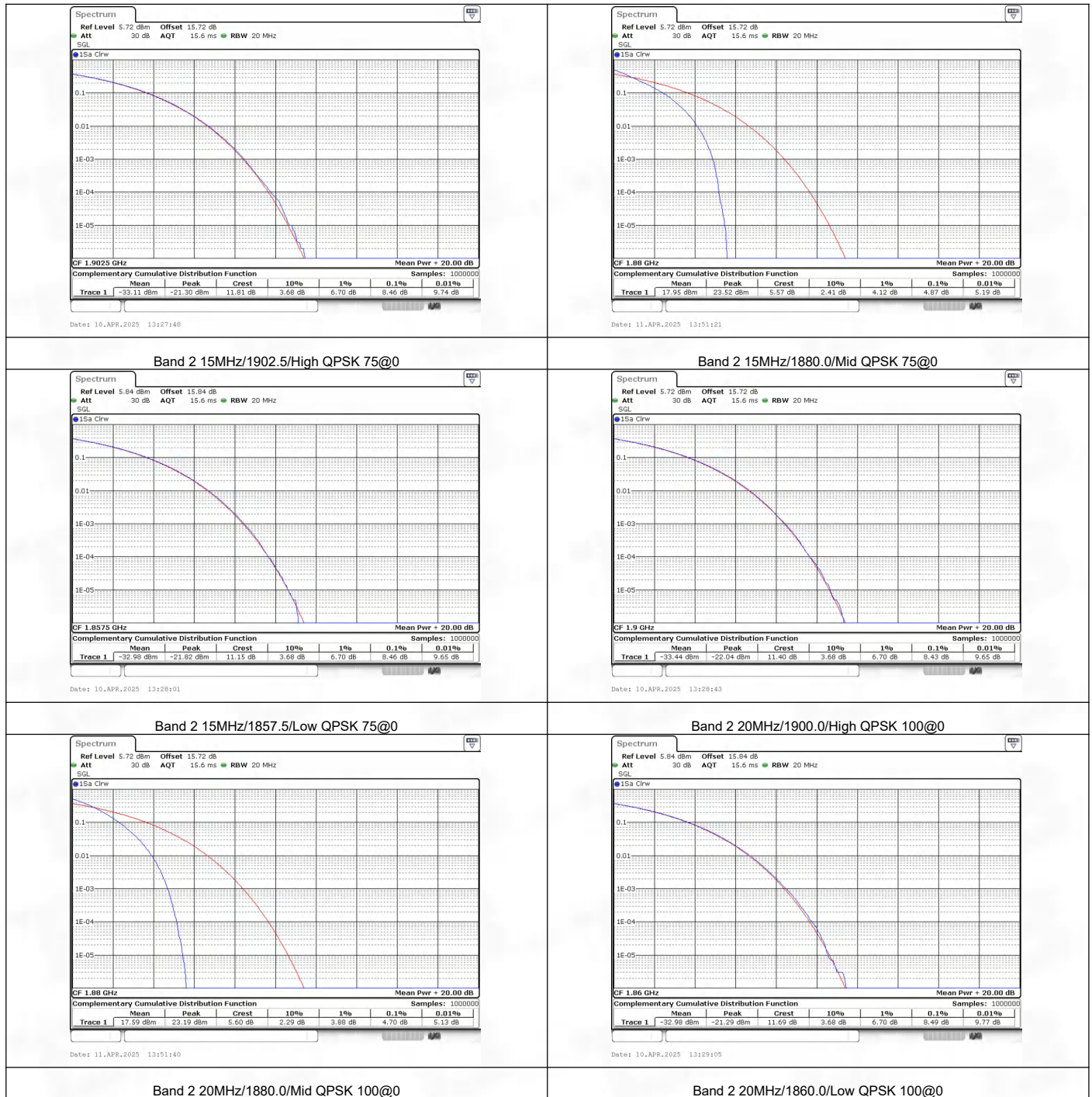
2	10.0	18900	1880.0	QPSK	25@0	21.69	19.87	33.01	PASS
2	10.0	18900	1880.0	QPSK	25@12	21.7	19.88	33.01	PASS
2	10.0	18900	1880.0	QPSK	25@24	21.66	19.84	33.01	PASS
2	10.0	18900	1880.0	QPSK	50@0	21.57	19.75	33.01	PASS
2	10.0	18650	1855.0	QPSK	1@0	22.45	20.63	33.01	PASS
2	10.0	18650	1855.0	QPSK	1@24	22.32	20.5	33.01	PASS
2	10.0	18650	1855.0	QPSK	1@49	22.33	20.51	33.01	PASS
2	10.0	18650	1855.0	QPSK	25@0	21.29	19.47	33.01	PASS
2	10.0	18650	1855.0	QPSK	25@12	21.3	19.48	33.01	PASS
2	10.0	18650	1855.0	QPSK	25@24	21.27	19.45	33.01	PASS
2	10.0	18650	1855.0	QPSK	50@0	21.26	19.44	33.01	PASS
2	15.0	19125	1902.5	QPSK	1@0	22.85	21.03	33.01	PASS
2	15.0	19125	1902.5	QPSK	1@37	22.59	20.77	33.01	PASS
2	15.0	19125	1902.5	QPSK	1@74	22.85	21.03	33.01	PASS
2	15.0	19125	1902.5	QPSK	36@0	21.61	19.79	33.01	PASS
2	15.0	19125	1902.5	QPSK	36@16	21.59	19.77	33.01	PASS
2	15.0	19125	1902.5	QPSK	36@35	21.6	19.78	33.01	PASS
2	15.0	19125	1902.5	QPSK	75@0	21.29	19.47	33.01	PASS
2	15.0	18900	1880.0	QPSK	1@0	23.11	21.29	33.01	PASS
2	15.0	18900	1880.0	QPSK	1@37	22.62	20.8	33.01	PASS
2	15.0	18900	1880.0	QPSK	1@74	22.61	20.79	33.01	PASS
2	15.0	18900	1880.0	QPSK	36@0	21.87	20.05	33.01	PASS
2	15.0	18900	1880.0	QPSK	36@16	21.9	20.08	33.01	PASS
2	15.0	18900	1880.0	QPSK	36@35	21.9	20.08	33.01	PASS
2	15.0	18900	1880.0	QPSK	75@0	21.73	19.91	33.01	PASS
2	15.0	18675	1857.5	QPSK	1@0	22.5	20.68	33.01	PASS
2	15.0	18675	1857.5	QPSK	1@37	22.31	20.49	33.01	PASS
2	15.0	18675	1857.5	QPSK	1@74	22.51	20.69	33.01	PASS
2	15.0	18675	1857.5	QPSK	36@0	21.42	19.6	33.01	PASS
2	15.0	18675	1857.5	QPSK	36@16	21.4	19.58	33.01	PASS
2	15.0	18675	1857.5	QPSK	36@35	21.36	19.54	33.01	PASS
2	15.0	18675	1857.5	QPSK	75@0	21.36	19.54	33.01	PASS
2	20.0	19100	1900.0	QPSK	1@0	22.75	20.93	33.01	PASS
2	20.0	19100	1900.0	QPSK	1@49	22.74	20.92	33.01	PASS
2	20.0	19100	1900.0	QPSK	1@99	22.89	21.07	33.01	PASS
2	20.0	19100	1900.0	QPSK	50@0	21.59	19.77	33.01	PASS
2	20.0	19100	1900.0	QPSK	50@24	21.61	19.79	33.01	PASS
2	20.0	19100	1900.0	QPSK	50@49	21.61	19.79	33.01	PASS
2	20.0	19100	1900.0	QPSK	100@0	21.26	19.44	33.01	PASS
2	20.0	18900	1880.0	QPSK	1@0	23.08	21.26	33.01	PASS
2	20.0	18900	1880.0	QPSK	1@49	22.73	20.91	33.01	PASS
2	20.0	18900	1880.0	QPSK	1@99	22.77	20.95	33.01	PASS
2	20.0	18900	1880.0	QPSK	50@0	21.83	20.01	33.01	PASS
2	20.0	18900	1880.0	QPSK	50@24	21.85	20.03	33.01	PASS
2	20.0	18900	1880.0	QPSK	50@49	21.84	20.02	33.01	PASS
2	20.0	18900	1880.0	QPSK	100@0	21.79	19.97	33.01	PASS
2	20.0	18700	1860.0	QPSK	1@0	22.43	20.61	33.01	PASS
2	20.0	18700	1860.0	QPSK	1@49	22.38	20.56	33.01	PASS
2	20.0	18700	1860.0	QPSK	1@99	22.5	20.68	33.01	PASS
2	20.0	18700	1860.0	QPSK	50@0	21.39	19.57	33.01	PASS
2	20.0	18700	1860.0	QPSK	50@24	21.39	19.57	33.01	PASS
2	20.0	18700	1860.0	QPSK	50@49	21.35	19.53	33.01	PASS
2	20.0	18700	1860.0	QPSK	100@0	21.41	19.59	33.01	PASS

2. Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
2	1.4	19193	1909.3	QPSK	6@0	4.81	13	PASS
2	1.4	18900	1880.0	QPSK	6@0	4.43	13	PASS
2	1.4	18607	1850.7	QPSK	6@0	8.43	13	PASS
2	3.0	19185	1908.5	QPSK	15@0	8.41	13	PASS
2	3.0	18900	1880.0	QPSK	15@0	4.49	13	PASS
2	3.0	18615	1851.5	QPSK	15@0	8.38	13	PASS
2	5.0	19175	1907.5	QPSK	25@0	8.43	13	PASS
2	5.0	18900	1880.0	QPSK	25@0	4.49	13	PASS
2	5.0	18625	1852.5	QPSK	25@0	8.43	13	PASS
2	10.0	19150	1905.0	QPSK	50@0	8.46	13	PASS
2	10.0	18900	1880.0	QPSK	50@0	4.55	13	PASS
2	10.0	18650	1855.0	QPSK	50@0	8.43	13	PASS
2	15.0	19125	1902.5	QPSK	75@0	8.46	13	PASS
2	15.0	18900	1880.0	QPSK	75@0	4.87	13	PASS
2	15.0	18675	1857.5	QPSK	75@0	8.46	13	PASS
2	20.0	19100	1900.0	QPSK	100@0	8.43	13	PASS
2	20.0	18900	1880.0	QPSK	100@0	4.7	13	PASS
2	20.0	18700	1860.0	QPSK	100@0	8.49	13	PASS







3.Frequency Stability

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
2	1.4	19193	1909.3	QPSK	6@0	16.81	0.00908	±2.5	PASS	Vibration
2	1.4	19193	1909.3	QPSK	6@0	-23.17	-0.01252	±2.5	PASS	Humidity
2	1.4	19193	1909.3	QPSK	6@0	-11.62	-0.00608	±2.5	PASS	VL
2	1.4	19193	1909.3	QPSK	6@0	-15.92	-0.00834	±2.5	PASS	VN
2	1.4	19193	1909.3	QPSK	6@0	-28.15	-0.01474	±2.5	PASS	VH
2	1.4	19193	1909.3	QPSK	6@0	-18.8	-0.00984	±2.5	PASS	-30℃
2	1.4	19193	1909.3	QPSK	6@0	-25.63	-0.01343	±2.5	PASS	-20℃
2	1.4	19193	1909.3	QPSK	6@0	-15.03	-0.00787	±2.5	PASS	-10℃
2	1.4	19193	1909.3	QPSK	6@0	-28.78	-0.01507	±2.5	PASS	0℃
2	1.4	19193	1909.3	QPSK	6@0	-18.45	-0.00967	±2.5	PASS	10℃
2	1.4	19193	1909.3	QPSK	6@0	-23.06	-0.01208	±2.5	PASS	20℃
2	1.4	19193	1909.3	QPSK	6@0	-27.51	-0.01441	±2.5	PASS	30℃
2	1.4	19193	1909.3	QPSK	6@0	-21.8	-0.01142	±2.5	PASS	40℃
2	1.4	19193	1909.3	QPSK	6@0	-25.02	-0.0131	±2.5	PASS	50℃
2	1.4	18900	1880.0	QPSK	6@0	-19.53	-0.01039	±2.5	PASS	Vibration
2	1.4	18900	1880.0	QPSK	6@0	-22.79	-0.01212	±2.5	PASS	Humidity
2	1.4	18900	1880.0	QPSK	6@0	-27.89	-0.01484	±2.5	PASS	VL
2	1.4	18900	1880.0	QPSK	6@0	-17.92	-0.00953	±2.5	PASS	VN
2	1.4	18900	1880.0	QPSK	6@0	-22.37	-0.0119	±2.5	PASS	VH
2	1.4	18900	1880.0	QPSK	6@0	-20.93	-0.01113	±2.5	PASS	-30℃
2	1.4	18900	1880.0	QPSK	6@0	-23.09	-0.01228	±2.5	PASS	-20℃
2	1.4	18900	1880.0	QPSK	6@0	-12.37	-0.00658	±2.5	PASS	-10℃
2	1.4	18900	1880.0	QPSK	6@0	-29.4	-0.01564	±2.5	PASS	0℃
2	1.4	18900	1880.0	QPSK	6@0	-21.69	-0.01154	±2.5	PASS	10℃
2	1.4	18900	1880.0	QPSK	6@0	-17.32	-0.00921	±2.5	PASS	20℃
2	1.4	18900	1880.0	QPSK	6@0	-16.44	-0.00874	±2.5	PASS	30℃
2	1.4	18900	1880.0	QPSK	6@0	-23.17	-0.01233	±2.5	PASS	40℃
2	1.4	18900	1880.0	QPSK	6@0	-23.55	-0.01252	±2.5	PASS	50℃
2	1.4	18607	1850.7	QPSK	6@0	-32.77	-0.01716	±2.5	PASS	Vibration
2	1.4	18607	1850.7	QPSK	6@0	12.95	0.00678	±2.5	PASS	Humidity
2	1.4	18607	1850.7	QPSK	6@0	-18.8	-0.01016	±2.5	PASS	VL
2	1.4	18607	1850.7	QPSK	6@0	-13.03	-0.00704	±2.5	PASS	VN
2	1.4	18607	1850.7	QPSK	6@0	15.22	0.00822	±2.5	PASS	VH
2	1.4	18607	1850.7	QPSK	6@0	25.92	0.01401	±2.5	PASS	-30℃
2	1.4	18607	1850.7	QPSK	6@0	-20.38	-0.01101	±2.5	PASS	-20℃
2	1.4	18607	1850.7	QPSK	6@0	-18.37	-0.00992	±2.5	PASS	-10℃
2	1.4	18607	1850.7	QPSK	6@0	-12.35	-0.00667	±2.5	PASS	0℃
2	1.4	18607	1850.7	QPSK	6@0	-15.15	-0.00819	±2.5	PASS	10℃
2	1.4	18607	1850.7	QPSK	6@0	-18.3	-0.00989	±2.5	PASS	20℃
2	1.4	18607	1850.7	QPSK	6@0	-24.98	-0.0135	±2.5	PASS	30℃
2	1.4	18607	1850.7	QPSK	6@0	-20.9	-0.01129	±2.5	PASS	40℃
2	1.4	18607	1850.7	QPSK	6@0	-4.51	-0.00243	±2.5	PASS	50℃
2	3.0	19185	1908.5	QPSK	15@0	-15.34	-0.00828	±2.5	PASS	Vibration
2	3.0	19185	1908.5	QPSK	15@0	22.14	0.01196	±2.5	PASS	Humidity
2	3.0	19185	1908.5	QPSK	15@0	-26.71	-0.01399	±2.5	PASS	VL
2	3.0	19185	1908.5	QPSK	15@0	-10.67	-0.00559	±2.5	PASS	VN
2	3.0	19185	1908.5	QPSK	15@0	-24.53	-0.01285	±2.5	PASS	VH
2	3.0	19185	1908.5	QPSK	15@0	-16.25	-0.00851	±2.5	PASS	-30℃
2	3.0	19185	1908.5	QPSK	15@0	-23.69	-0.01241	±2.5	PASS	-20℃
2	3.0	19185	1908.5	QPSK	15@0	-24.96	-0.01308	±2.5	PASS	-10℃
2	3.0	19185	1908.5	QPSK	15@0	-14.43	-0.00756	±2.5	PASS	0℃
2	3.0	19185	1908.5	QPSK	15@0	-12.55	-0.00657	±2.5	PASS	10℃
2	3.0	19185	1908.5	QPSK	15@0	-25.73	-0.01348	±2.5	PASS	20℃
2	3.0	19185	1908.5	QPSK	15@0	-30.78	-0.01613	±2.5	PASS	30℃
2	3.0	19185	1908.5	QPSK	15@0	-27.14	-0.01422	±2.5	PASS	40℃
2	3.0	19185	1908.5	QPSK	15@0	-21.31	-0.01117	±2.5	PASS	50℃
2	3.0	18900	1880.0	QPSK	15@0	-14.55	-0.00774	±2.5	PASS	Vibration
2	3.0	18900	1880.0	QPSK	15@0	24.3	0.01293	±2.5	PASS	Humidity
2	3.0	18900	1880.0	QPSK	15@0	-21.19	-0.01127	±2.5	PASS	VL
2	3.0	18900	1880.0	QPSK	15@0	15.78	0.00839	±2.5	PASS	VN
2	3.0	18900	1880.0	QPSK	15@0	-23.32	-0.0124	±2.5	PASS	VH
2	3.0	18900	1880.0	QPSK	15@0	-23.27	-0.01238	±2.5	PASS	-30℃
2	3.0	18900	1880.0	QPSK	15@0	-11.43	-0.00608	±2.5	PASS	-20℃
2	3.0	18900	1880.0	QPSK	15@0	-15.19	-0.00808	±2.5	PASS	-10℃
2	3.0	18900	1880.0	QPSK	15@0	-17.09	-0.00909	±2.5	PASS	0℃
2	3.0	18900	1880.0	QPSK	15@0	-24.63	-0.0131	±2.5	PASS	10℃
2	3.0	18900	1880.0	QPSK	15@0	-21.06	-0.0112	±2.5	PASS	20℃
2	3.0	18900	1880.0	QPSK	15@0	-9.67	-0.00514	±2.5	PASS	30℃
2	3.0	18900	1880.0	QPSK	15@0	-9.54	-0.00508	±2.5	PASS	40℃
2	3.0	18900	1880.0	QPSK	15@0	-23.99	-0.01276	±2.5	PASS	50℃
2	3.0	18615	1851.5	QPSK	15@0	-19.08	-0.01	±2.5	PASS	Vibration
2	3.0	18615	1851.5	QPSK	15@0	16.98	0.0089	±2.5	PASS	Humidity

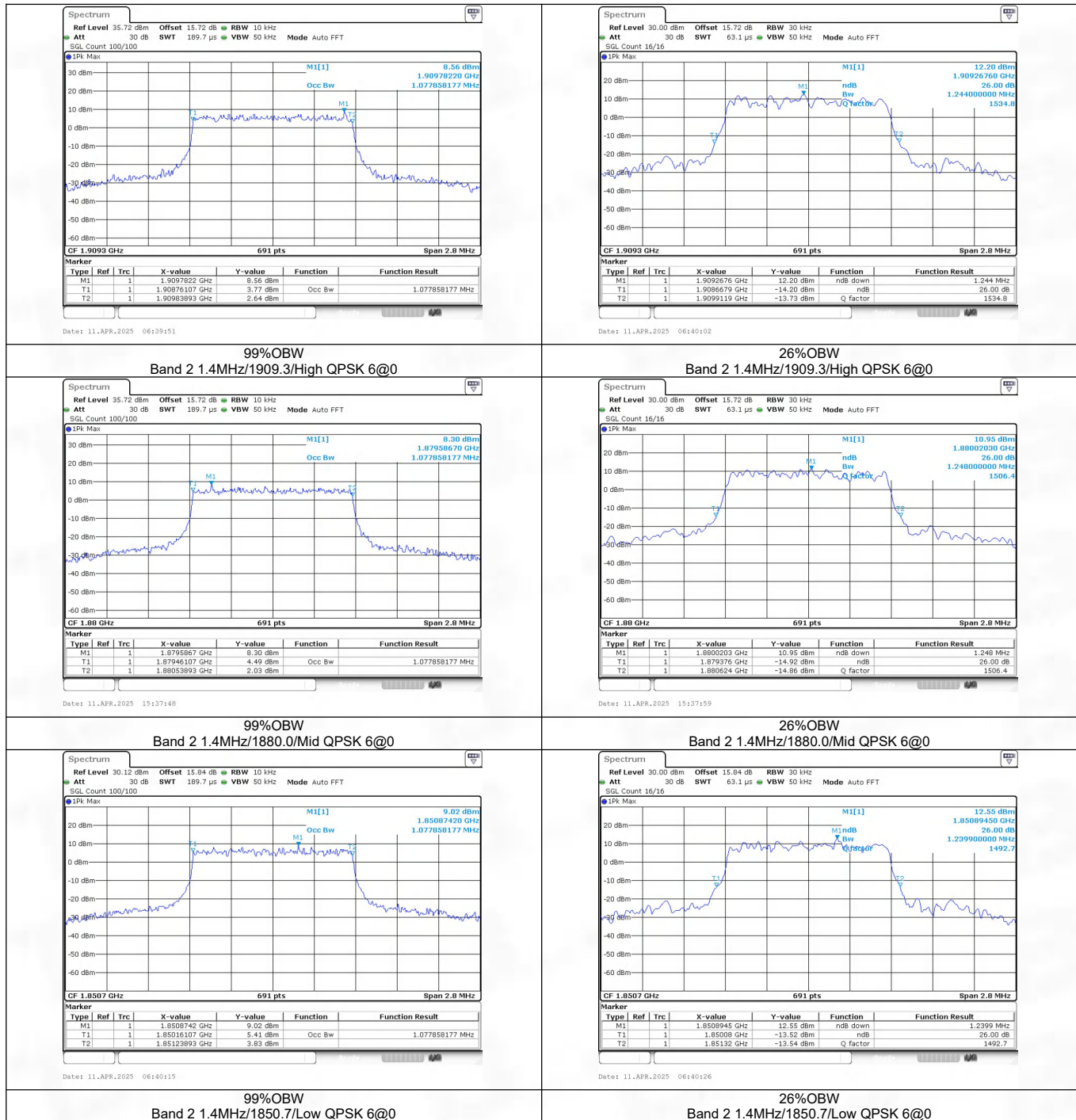
2	3.0	18615	1851.5	QPSK	15@0	-17.6	-0.0095	±2.5	PASS	VL
2	3.0	18615	1851.5	QPSK	15@0	3.48	0.00188	±2.5	PASS	VN
2	3.0	18615	1851.5	QPSK	15@0	12.04	0.00651	±2.5	PASS	VH
2	3.0	18615	1851.5	QPSK	15@0	-24.18	-0.01306	±2.5	PASS	-30℃
2	3.0	18615	1851.5	QPSK	15@0	-17.77	-0.0096	±2.5	PASS	-20℃
2	3.0	18615	1851.5	QPSK	15@0	-20.18	-0.0109	±2.5	PASS	-10℃
2	3.0	18615	1851.5	QPSK	15@0	-30.4	-0.01642	±2.5	PASS	0℃
2	3.0	18615	1851.5	QPSK	15@0	-9.87	-0.00533	±2.5	PASS	10℃
2	3.0	18615	1851.5	QPSK	15@0	-13.16	-0.00711	±2.5	PASS	20℃
2	3.0	18615	1851.5	QPSK	15@0	-14.56	-0.00787	±2.5	PASS	30℃
2	3.0	18615	1851.5	QPSK	15@0	-26.38	-0.01425	±2.5	PASS	40℃
2	3.0	18615	1851.5	QPSK	15@0	-10.14	-0.00548	±2.5	PASS	50℃
2	5.0	19175	1907.5	QPSK	25@0	21.53	0.01162	±2.5	PASS	VL
2	5.0	19175	1907.5	QPSK	25@0	26.54	0.01432	±2.5	PASS	VL
2	5.0	19175	1907.5	QPSK	25@0	-14.81	-0.00776	±2.5	PASS	VL
2	5.0	19175	1907.5	QPSK	25@0	-20.11	-0.01054	±2.5	PASS	VN
2	5.0	19175	1907.5	QPSK	25@0	-13.59	-0.00712	±2.5	PASS	VH
2	5.0	19175	1907.5	QPSK	25@0	-24.6	-0.0129	±2.5	PASS	-30℃
2	5.0	19175	1907.5	QPSK	25@0	-20.94	-0.01098	±2.5	PASS	-20℃
2	5.0	19175	1907.5	QPSK	25@0	-18.68	-0.00979	±2.5	PASS	-10℃
2	5.0	19175	1907.5	QPSK	25@0	-14.95	-0.00784	±2.5	PASS	0℃
2	5.0	19175	1907.5	QPSK	25@0	-27.27	-0.01429	±2.5	PASS	10℃
2	5.0	19175	1907.5	QPSK	25@0	-27.62	-0.01448	±2.5	PASS	20℃
2	5.0	19175	1907.5	QPSK	25@0	-17.08	-0.00895	±2.5	PASS	30℃
2	5.0	19175	1907.5	QPSK	25@0	-11.6	-0.00608	±2.5	PASS	40℃
2	5.0	19175	1907.5	QPSK	25@0	-10.94	-0.00574	±2.5	PASS	50℃
2	5.0	18900	1880.0	QPSK	25@0	14.19	0.00755	±2.5	PASS	Vibration
2	5.0	18900	1880.0	QPSK	25@0	14.85	0.0079	±2.5	PASS	Humidity
2	5.0	18900	1880.0	QPSK	25@0	-10.46	-0.00556	±2.5	PASS	VL
2	5.0	18900	1880.0	QPSK	25@0	11.01	0.00586	±2.5	PASS	VN
2	5.0	18900	1880.0	QPSK	25@0	9.36	0.00498	±2.5	PASS	VH
2	5.0	18900	1880.0	QPSK	25@0	-28.54	-0.01518	±2.5	PASS	-30℃
2	5.0	18900	1880.0	QPSK	25@0	-11.46	-0.00609	±2.5	PASS	-20℃
2	5.0	18900	1880.0	QPSK	25@0	-15.11	-0.00804	±2.5	PASS	-10℃
2	5.0	18900	1880.0	QPSK	25@0	-20.63	-0.01097	±2.5	PASS	0℃
2	5.0	18900	1880.0	QPSK	25@0	-22.95	-0.01221	±2.5	PASS	10℃
2	5.0	18900	1880.0	QPSK	25@0	-10.86	-0.00578	±2.5	PASS	20℃
2	5.0	18900	1880.0	QPSK	25@0	-25.38	-0.0135	±2.5	PASS	30℃
2	5.0	18900	1880.0	QPSK	25@0	-11.77	-0.00626	±2.5	PASS	40℃
2	5.0	18900	1880.0	QPSK	25@0	-20.43	-0.01087	±2.5	PASS	50℃
2	5.0	18625	1852.5	QPSK	25@0	14.19	0.00755	±2.5	PASS	Vibration
2	5.0	18625	1852.5	QPSK	25@0	14.85	0.0079	±2.5	PASS	Humidity
2	5.0	18625	1852.5	QPSK	25@0	-20.27	-0.01094	±2.5	PASS	VL
2	5.0	18625	1852.5	QPSK	25@0	-13.48	-0.00727	±2.5	PASS	VN
2	5.0	18625	1852.5	QPSK	25@0	-12.45	-0.00672	±2.5	PASS	VH
2	5.0	18625	1852.5	QPSK	25@0	-3.68	-0.00198	±2.5	PASS	-30℃
2	5.0	18625	1852.5	QPSK	25@0	-15.95	-0.00861	±2.5	PASS	-20℃
2	5.0	18625	1852.5	QPSK	25@0	8.9	0.0048	±2.5	PASS	-10℃
2	5.0	18625	1852.5	QPSK	25@0	1.02	0.00055	±2.5	PASS	0℃
2	5.0	18625	1852.5	QPSK	25@0	9.91	0.00535	±2.5	PASS	10℃
2	5.0	18625	1852.5	QPSK	25@0	-15.46	-0.00835	±2.5	PASS	20℃
2	5.0	18625	1852.5	QPSK	25@0	-7.22	-0.0039	±2.5	PASS	30℃
2	5.0	18625	1852.5	QPSK	25@0	-17.51	-0.00945	±2.5	PASS	40℃
2	5.0	18625	1852.5	QPSK	25@0	-20.36	-0.01099	±2.5	PASS	50℃
2	10.0	19150	1905.0	QPSK	50@0	-15.77	-0.00824	±2.5	PASS	Vibration
2	10.0	19150	1905.0	QPSK	50@0	-8.41	-0.00443	±2.5	PASS	Humidity
2	10.0	19150	1905.0	QPSK	50@0	-13.28	-0.00697	±2.5	PASS	VL
2	10.0	19150	1905.0	QPSK	50@0	-26.85	-0.01409	±2.5	PASS	VN
2	10.0	19150	1905.0	QPSK	50@0	-31.16	-0.01636	±2.5	PASS	VH
2	10.0	19150	1905.0	QPSK	50@0	-18.53	-0.00972	±2.5	PASS	-30℃
2	10.0	19150	1905.0	QPSK	50@0	-15.79	-0.00829	±2.5	PASS	-20℃
2	10.0	19150	1905.0	QPSK	50@0	-8.43	-0.00442	±2.5	PASS	-10℃
2	10.0	19150	1905.0	QPSK	50@0	-27.72	-0.01455	±2.5	PASS	0℃
2	10.0	19150	1905.0	QPSK	50@0	-15.86	-0.00833	±2.5	PASS	10℃
2	10.0	19150	1905.0	QPSK	50@0	-21.46	-0.01126	±2.5	PASS	20℃
2	10.0	19150	1905.0	QPSK	50@0	-21.39	-0.01123	±2.5	PASS	30℃
2	10.0	19150	1905.0	QPSK	50@0	-22.4	-0.01176	±2.5	PASS	40℃
2	10.0	19150	1905.0	QPSK	50@0	-16.34	-0.00858	±2.5	PASS	50℃
2	10.0	18900	1880.0	QPSK	50@0	-7.45	-0.00475	±2.5	PASS	Vibration
2	10.0	18900	1880.0	QPSK	50@0	-9.28	-0.00421	±2.5	PASS	Humidity
2	10.0	18900	1880.0	QPSK	50@0	-21.66	-0.01152	±2.5	PASS	VL
2	10.0	18900	1880.0	QPSK	50@0	13.76	0.00732	±2.5	PASS	VN
2	10.0	18900	1880.0	QPSK	50@0	17.25	0.00918	±2.5	PASS	VH
2	10.0	18900	1880.0	QPSK	50@0	-8.98	-0.00478	±2.5	PASS	-30℃
2	10.0	18900	1880.0	QPSK	50@0	-12.35	-0.00657	±2.5	PASS	-20℃
2	10.0	18900	1880.0	QPSK	50@0	-20.06	-0.01067	±2.5	PASS	-10℃

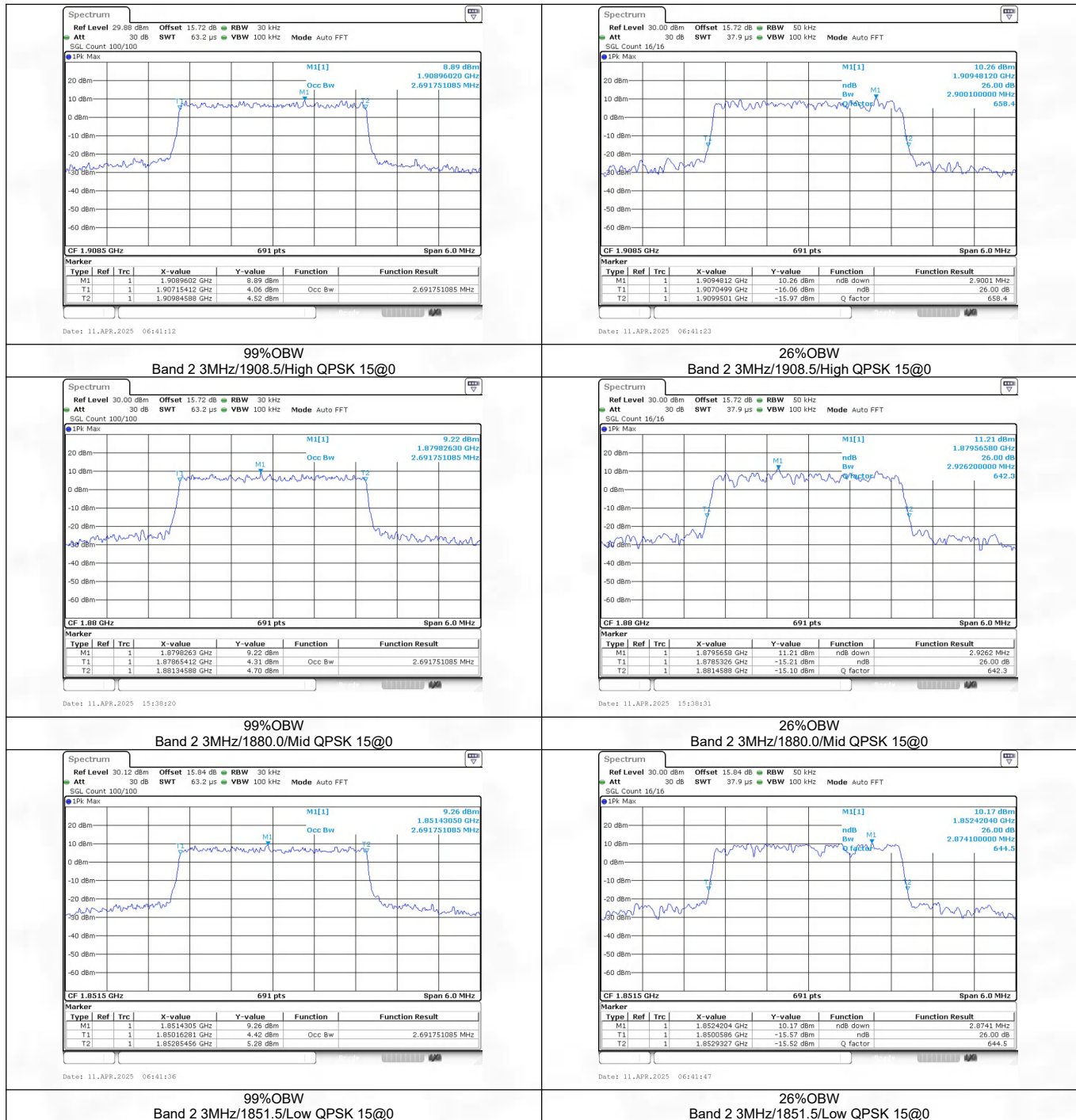
2	10.0	18900	1880.0	QPSK	50@0	-10.9	-0.0058	±2.5	PASS	0℃
2	10.0	18900	1880.0	QPSK	50@0	-17.5	-0.00931	±2.5	PASS	10℃
2	10.0	18900	1880.0	QPSK	50@0	-7.65	-0.00407	±2.5	PASS	20℃
2	10.0	18900	1880.0	QPSK	50@0	-9.16	-0.00487	±2.5	PASS	30℃
2	10.0	18900	1880.0	QPSK	50@0	-18.65	-0.00992	±2.5	PASS	40℃
2	10.0	18900	1880.0	QPSK	50@0	-22.54	-0.01199	±2.5	PASS	50℃
2	10.0	18650	1855.0	QPSK	50@0	-18.61	-0.00996	±2.5	PASS	Vibration
2	10.0	18650	1855.0	QPSK	50@0	-22.52	-0.01194	±2.5	PASS	Humidity
2	10.0	18650	1855.0	QPSK	50@0	-16.51	-0.0089	±2.5	PASS	VL
2	10.0	18650	1855.0	QPSK	50@0	-12.9	-0.00696	±2.5	PASS	VN
2	10.0	18650	1855.0	QPSK	50@0	3.23	0.00174	±2.5	PASS	VH
2	10.0	18650	1855.0	QPSK	50@0	-8.03	-0.00433	±2.5	PASS	-30℃
2	10.0	18650	1855.0	QPSK	50@0	3.32	0.00179	±2.5	PASS	-20℃
2	10.0	18650	1855.0	QPSK	50@0	21.34	0.01151	±2.5	PASS	-10℃
2	10.0	18650	1855.0	QPSK	50@0	8.96	0.00483	±2.5	PASS	0℃
2	10.0	18650	1855.0	QPSK	50@0	19.61	0.01057	±2.5	PASS	10℃
2	10.0	18650	1855.0	QPSK	50@0	-23.88	-0.01287	±2.5	PASS	20℃
2	10.0	18650	1855.0	QPSK	50@0	-14.18	-0.00764	±2.5	PASS	30℃
2	10.0	18650	1855.0	QPSK	50@0	-10.09	-0.00544	±2.5	PASS	40℃
2	10.0	18650	1855.0	QPSK	50@0	-16.18	-0.00872	±2.5	PASS	50℃
2	15.0	19125	1902.5	QPSK	75@0	-26.23	-0.01357	±2.5	PASS	Vibration
2	15.0	19125	1902.5	QPSK	75@0	-24.18	-0.01256	±2.5	PASS	Humidity
2	15.0	19125	1902.5	QPSK	75@0	-25.36	-0.01333	±2.5	PASS	VL
2	15.0	19125	1902.5	QPSK	75@0	-17.97	-0.00944	±2.5	PASS	VN
2	15.0	19125	1902.5	QPSK	75@0	-10.3	-0.00541	±2.5	PASS	VH
2	15.0	19125	1902.5	QPSK	75@0	-26.19	-0.01377	±2.5	PASS	-30℃
2	15.0	19125	1902.5	QPSK	75@0	-24.08	-0.01265	±2.5	PASS	-20℃
2	15.0	19125	1902.5	QPSK	75@0	-25.32	-0.01331	±2.5	PASS	-10℃
2	15.0	19125	1902.5	QPSK	75@0	-12.9	-0.00678	±2.5	PASS	0℃
2	15.0	19125	1902.5	QPSK	75@0	-16.99	-0.00893	±2.5	PASS	10℃
2	15.0	19125	1902.5	QPSK	75@0	-9.64	-0.00507	±2.5	PASS	20℃
2	15.0	19125	1902.5	QPSK	75@0	-16.22	-0.00853	±2.5	PASS	30℃
2	15.0	19125	1902.5	QPSK	75@0	-26.64	-0.014	±2.5	PASS	40℃
2	15.0	19125	1902.5	QPSK	75@0	-16.95	-0.00891	±2.5	PASS	50℃
2	15.0	18900	1880.0	QPSK	75@0	-24.81	-0.01323	±2.5	PASS	Vibration
2	15.0	18900	1880.0	QPSK	75@0	-20.42	-0.01086	±2.5	PASS	Humidity
2	15.0	18900	1880.0	QPSK	75@0	-15.22	-0.0081	±2.5	PASS	VL
2	15.0	18900	1880.0	QPSK	75@0	27.12	0.01443	±2.5	PASS	VN
2	15.0	18900	1880.0	QPSK	75@0	11.56	0.00615	±2.5	PASS	VH
2	15.0	18900	1880.0	QPSK	75@0	-24.86	-0.01322	±2.5	PASS	-30℃
2	15.0	18900	1880.0	QPSK	75@0	-20.4	-0.01085	±2.5	PASS	-20℃
2	15.0	18900	1880.0	QPSK	75@0	-19.17	-0.0102	±2.5	PASS	-10℃
2	15.0	18900	1880.0	QPSK	75@0	-19.73	-0.01049	±2.5	PASS	0℃
2	15.0	18900	1880.0	QPSK	75@0	-7.67	-0.00408	±2.5	PASS	10℃
2	15.0	18900	1880.0	QPSK	75@0	-21.26	-0.01131	±2.5	PASS	20℃
2	15.0	18900	1880.0	QPSK	75@0	-3.2	-0.0017	±2.5	PASS	30℃
2	15.0	18900	1880.0	QPSK	75@0	-13.39	-0.00712	±2.5	PASS	40℃
2	15.0	18900	1880.0	QPSK	75@0	-7.31	-0.00389	±2.5	PASS	50℃
2	15.0	18675	1857.5	QPSK	75@0	-29.29	-0.01578	±2.5	PASS	Vibration
2	15.0	18675	1857.5	QPSK	75@0	-28.52	-0.01530	±2.5	PASS	Humidity
2	15.0	18675	1857.5	QPSK	75@0	-26.76	-0.01441	±2.5	PASS	VL
2	15.0	18675	1857.5	QPSK	75@0	-7.27	-0.00391	±2.5	PASS	VN
2	15.0	18675	1857.5	QPSK	75@0	-14.92	-0.00803	±2.5	PASS	VH
2	15.0	18675	1857.5	QPSK	75@0	-27.01	-0.01454	±2.5	PASS	-30℃
2	15.0	18675	1857.5	QPSK	75@0	-12.29	-0.00662	±2.5	PASS	-20℃
2	15.0	18675	1857.5	QPSK	75@0	-24.73	-0.01332	±2.5	PASS	-10℃
2	15.0	18675	1857.5	QPSK	75@0	-29.28	-0.01576	±2.5	PASS	0℃
2	15.0	18675	1857.5	QPSK	75@0	-28.4	-0.01529	±2.5	PASS	10℃
2	15.0	18675	1857.5	QPSK	75@0	-13.88	-0.00747	±2.5	PASS	20℃
2	15.0	18675	1857.5	QPSK	75@0	-29.35	-0.0158	±2.5	PASS	30℃
2	15.0	18675	1857.5	QPSK	75@0	-24.83	-0.01337	±2.5	PASS	40℃
2	15.0	18675	1857.5	QPSK	75@0	-28.3	-0.01523	±2.5	PASS	50℃
2	20.0	19100	1900.0	QPSK	100@0	-13.51	-0.0077	±2.5	PASS	Vibration
2	20.0	19100	1900.0	QPSK	100@0	-14.33	-0.00750	±2.5	PASS	Humidity
2	20.0	19100	1900.0	QPSK	100@0	-13.48	-0.00709	±2.5	PASS	VL
2	20.0	19100	1900.0	QPSK	100@0	8.84	0.00465	±2.5	PASS	VN
2	20.0	19100	1900.0	QPSK	100@0	-21.6	-0.01137	±2.5	PASS	VH
2	20.0	19100	1900.0	QPSK	100@0	-24.52	-0.0129	±2.5	PASS	-30℃
2	20.0	19100	1900.0	QPSK	100@0	-24.5	-0.0129	±2.5	PASS	-20℃
2	20.0	19100	1900.0	QPSK	100@0	-19.54	-0.01028	±2.5	PASS	-10℃
2	20.0	19100	1900.0	QPSK	100@0	-26.82	-0.01412	±2.5	PASS	0℃
2	20.0	19100	1900.0	QPSK	100@0	-13.49	-0.0071	±2.5	PASS	10℃
2	20.0	19100	1900.0	QPSK	100@0	-19.24	-0.01013	±2.5	PASS	20℃
2	20.0	19100	1900.0	QPSK	100@0	-14.2	-0.00748	±2.5	PASS	30℃
2	20.0	19100	1900.0	QPSK	100@0	-23.3	-0.01226	±2.5	PASS	40℃
2	20.0	19100	1900.0	QPSK	100@0	-19.18	-0.0101	±2.5	PASS	50℃

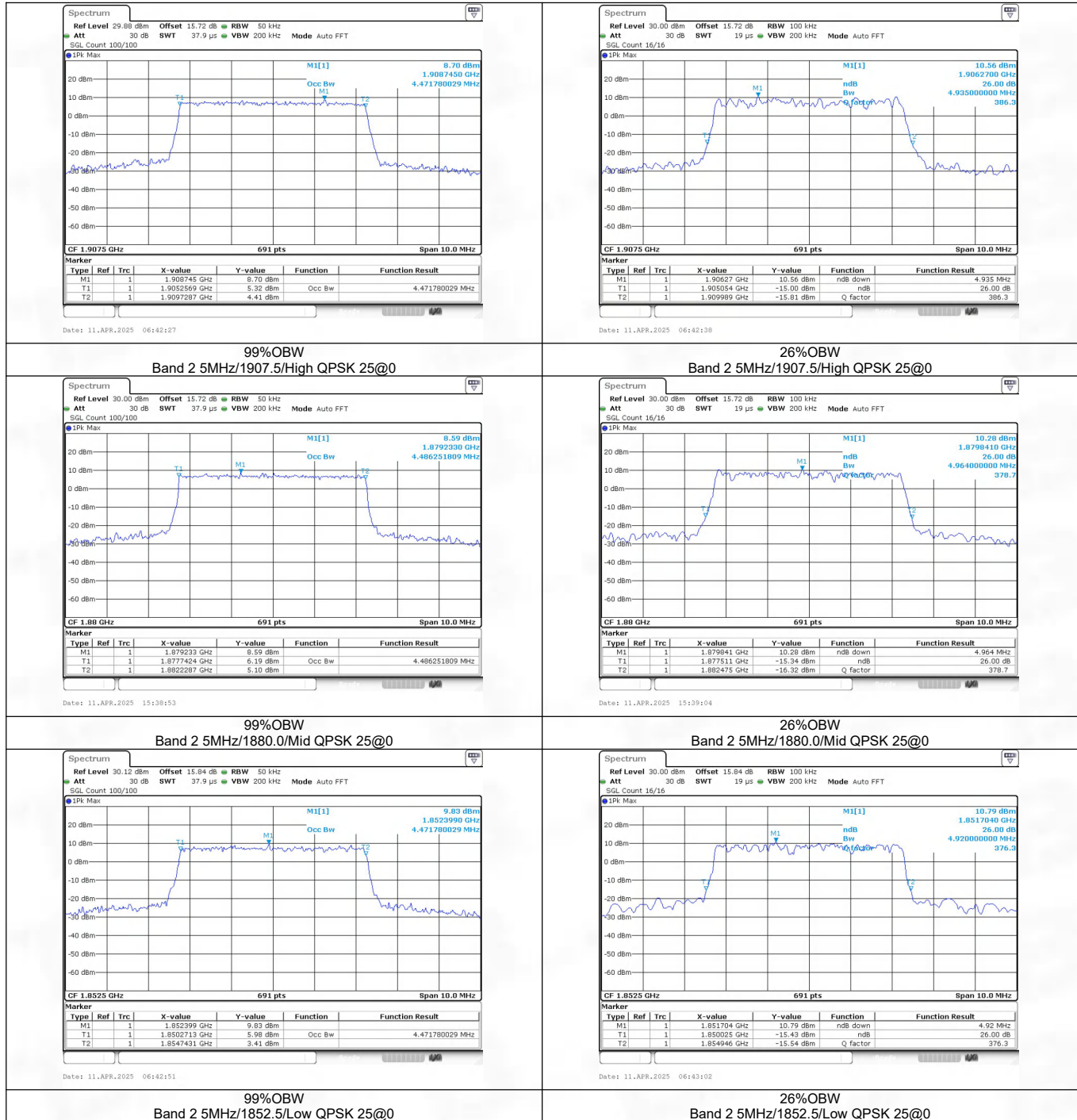
2	20.0	18900	1880.0	QPSK	100@0	-18.22	-0.00960	±2.5	PASS	Vibration
2	20.0	18900	1880.0	QPSK	100@0	-16.74	-0.0091	±2.5	PASS	Humidity
2	20.0	18900	1880.0	QPSK	100@0	-23.05	-0.01226	±2.5	PASS	VL
2	20.0	18900	1880.0	QPSK	100@0	26.22	0.01395	±2.5	PASS	VN
2	20.0	18900	1880.0	QPSK	100@0	18.02	0.00959	±2.5	PASS	VH
2	20.0	18900	1880.0	QPSK	100@0	-10.74	-0.00571	±2.5	PASS	-30℃
2	20.0	18900	1880.0	QPSK	100@0	-22.5	-0.01197	±2.5	PASS	-20℃
2	20.0	18900	1880.0	QPSK	100@0	-29.11	-0.01548	±2.5	PASS	-10℃
2	20.0	18900	1880.0	QPSK	100@0	-8.57	-0.00456	±2.5	PASS	0℃
2	20.0	18900	1880.0	QPSK	100@0	-13.78	-0.00733	±2.5	PASS	10℃
2	20.0	18900	1880.0	QPSK	100@0	-17.67	-0.0094	±2.5	PASS	20℃
2	20.0	18900	1880.0	QPSK	100@0	-18.02	-0.00959	±2.5	PASS	30℃
2	20.0	18900	1880.0	QPSK	100@0	-16.74	-0.0089	±2.5	PASS	40℃
2	20.0	18900	1880.0	QPSK	100@0	-15.69	-0.00835	±2.5	PASS	50℃
2	20.0	18700	1860.0	QPSK	100@0	-12.11	-0.00699	±2.5	PASS	Vibration
2	20.0	18700	1860.0	QPSK	100@0	-15.21	-0.00897	±2.5	PASS	Humidity
2	20.0	18700	1860.0	QPSK	100@0	-10.21	-0.00549	±2.5	PASS	VL
2	20.0	18700	1860.0	QPSK	100@0	-0.2	-0.00011	±2.5	PASS	VN
2	20.0	18700	1860.0	QPSK	100@0	-24.18	-0.013	±2.5	PASS	VH
2	20.0	18700	1860.0	QPSK	100@0	-11.09	-0.00596	±2.5	PASS	-30℃
2	20.0	18700	1860.0	QPSK	100@0	-15.01	-0.00807	±2.5	PASS	-20℃
2	20.0	18700	1860.0	QPSK	100@0	-24.56	-0.01321	±2.5	PASS	-10℃
2	20.0	18700	1860.0	QPSK	100@0	-18.61	-0.01001	±2.5	PASS	0℃
2	20.0	18700	1860.0	QPSK	100@0	-24.42	-0.01313	±2.5	PASS	10℃
2	20.0	18700	1860.0	QPSK	100@0	-18.95	-0.01019	±2.5	PASS	20℃
2	20.0	18700	1860.0	QPSK	100@0	-14.78	-0.00794	±2.5	PASS	30℃
2	20.0	18700	1860.0	QPSK	100@0	-26.09	-0.01403	±2.5	PASS	40℃
2	20.0	18700	1860.0	QPSK	100@0	-14.0	-0.00753	±2.5	PASS	50℃

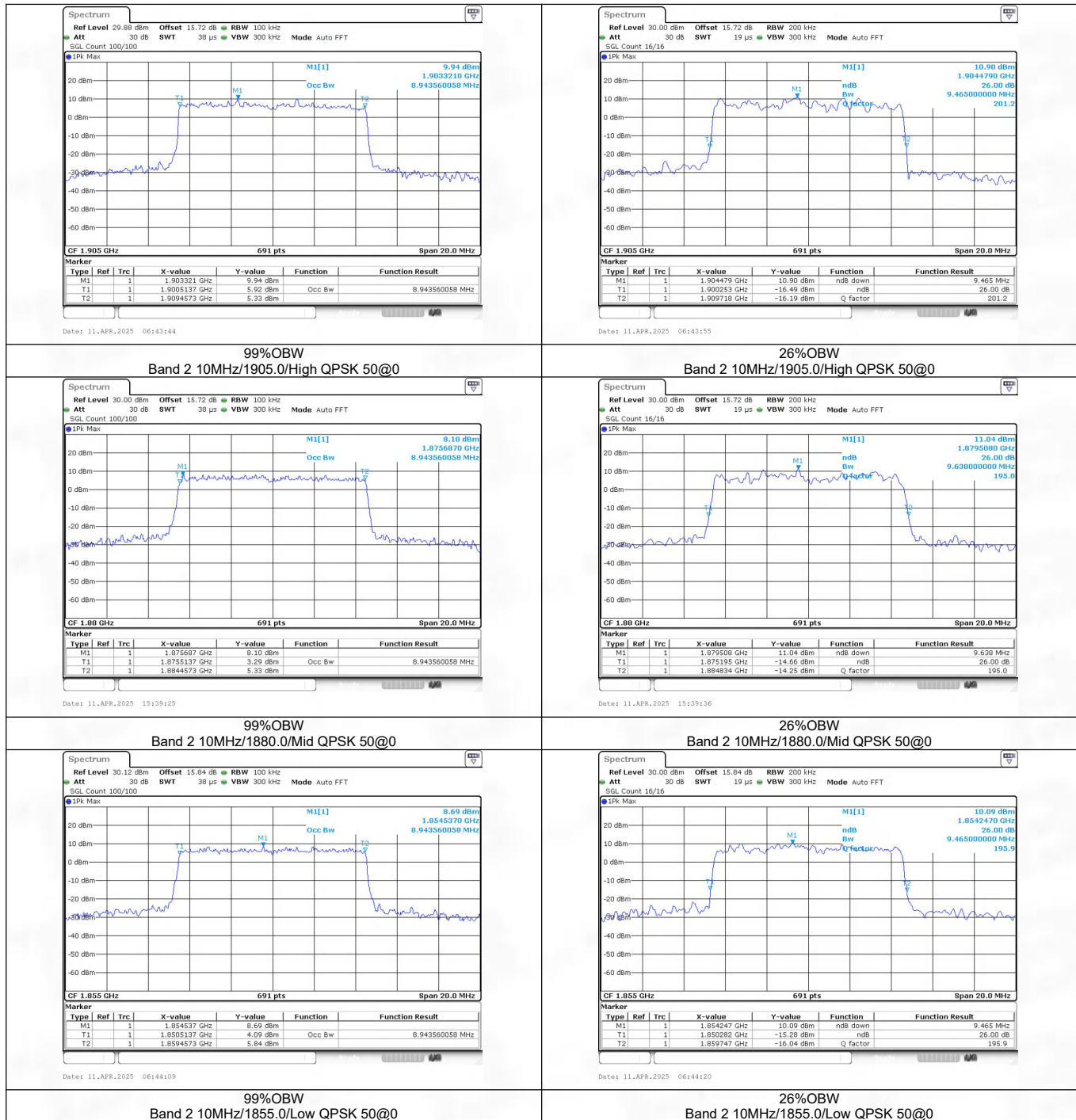
4.Occupied Bandwidth

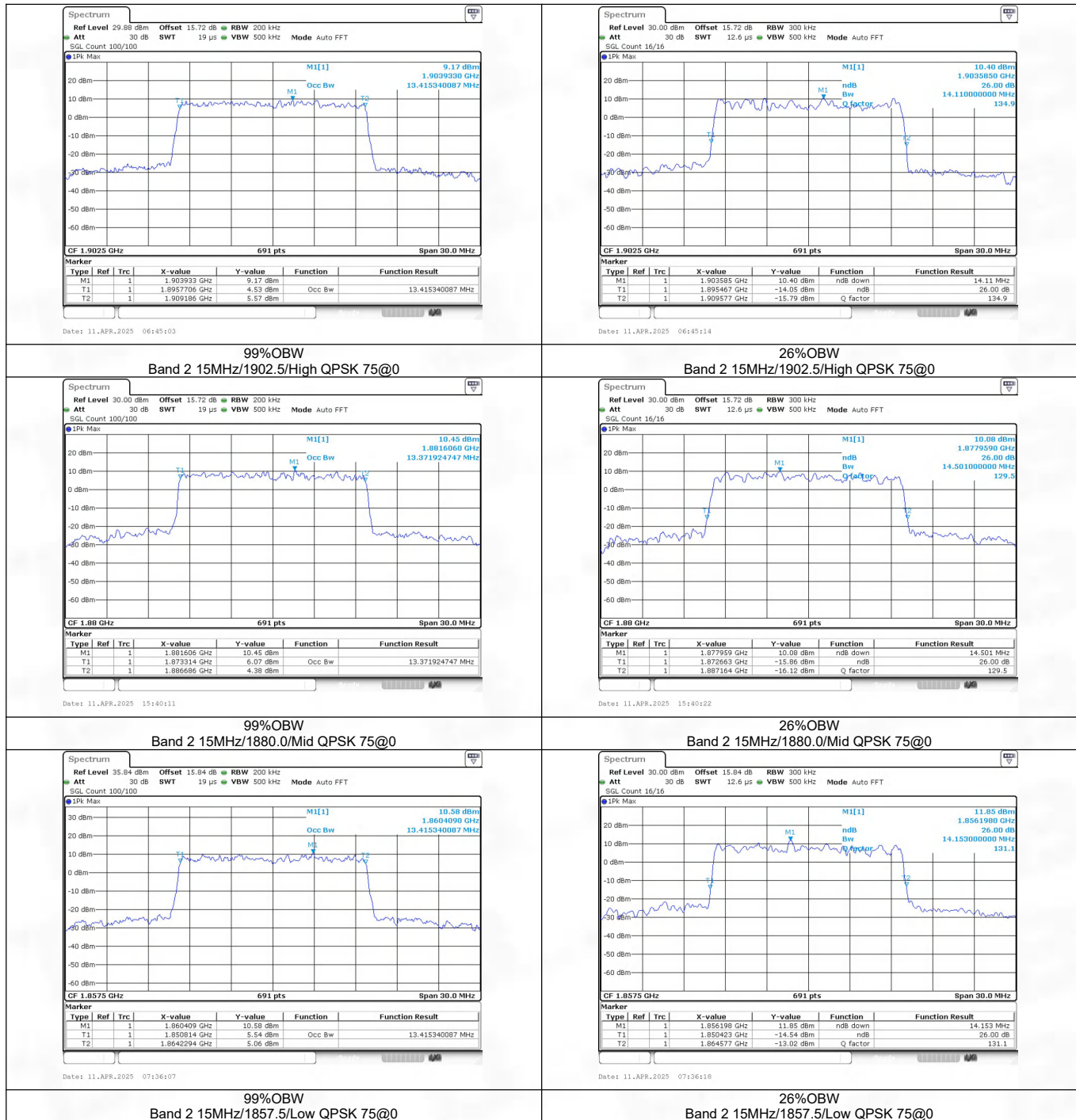
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
2	1.4	19193	1909.3	QPSK	6@0	1.0779	1.244	PASS
2	1.4	18900	1880.0	QPSK	6@0	1.0779	1.248	PASS
2	1.4	18607	1850.7	QPSK	6@0	1.0779	1.240	PASS
2	3.0	19185	1908.5	QPSK	15@0	2.6918	2.900	PASS
2	3.0	18900	1880.0	QPSK	15@0	2.6918	2.926	PASS
2	3.0	18615	1851.5	QPSK	15@0	2.6918	2.874	PASS
2	5.0	19175	1907.5	QPSK	25@0	4.4718	4.935	PASS
2	5.0	18900	1880.0	QPSK	25@0	4.4863	4.964	PASS
2	5.0	18625	1852.5	QPSK	25@0	4.4718	4.920	PASS
2	10.0	19150	1905.0	QPSK	50@0	8.9436	9.465	PASS
2	10.0	18900	1880.0	QPSK	50@0	8.9436	9.638	PASS
2	10.0	18650	1855.0	QPSK	50@0	8.9436	9.465	PASS
2	15.0	19125	1902.5	QPSK	75@0	13.415	14.11	PASS
2	15.0	18900	1880.0	QPSK	75@0	13.372	14.50	PASS
2	15.0	18675	1857.5	QPSK	75@0	13.415	14.15	PASS
2	20.0	19100	1900.0	QPSK	100@0	17.829	19.05	PASS
2	20.0	18900	1880.0	QPSK	100@0	17.887	19.16	PASS
2	20.0	18700	1860.0	QPSK	100@0	17.829	18.99	PASS

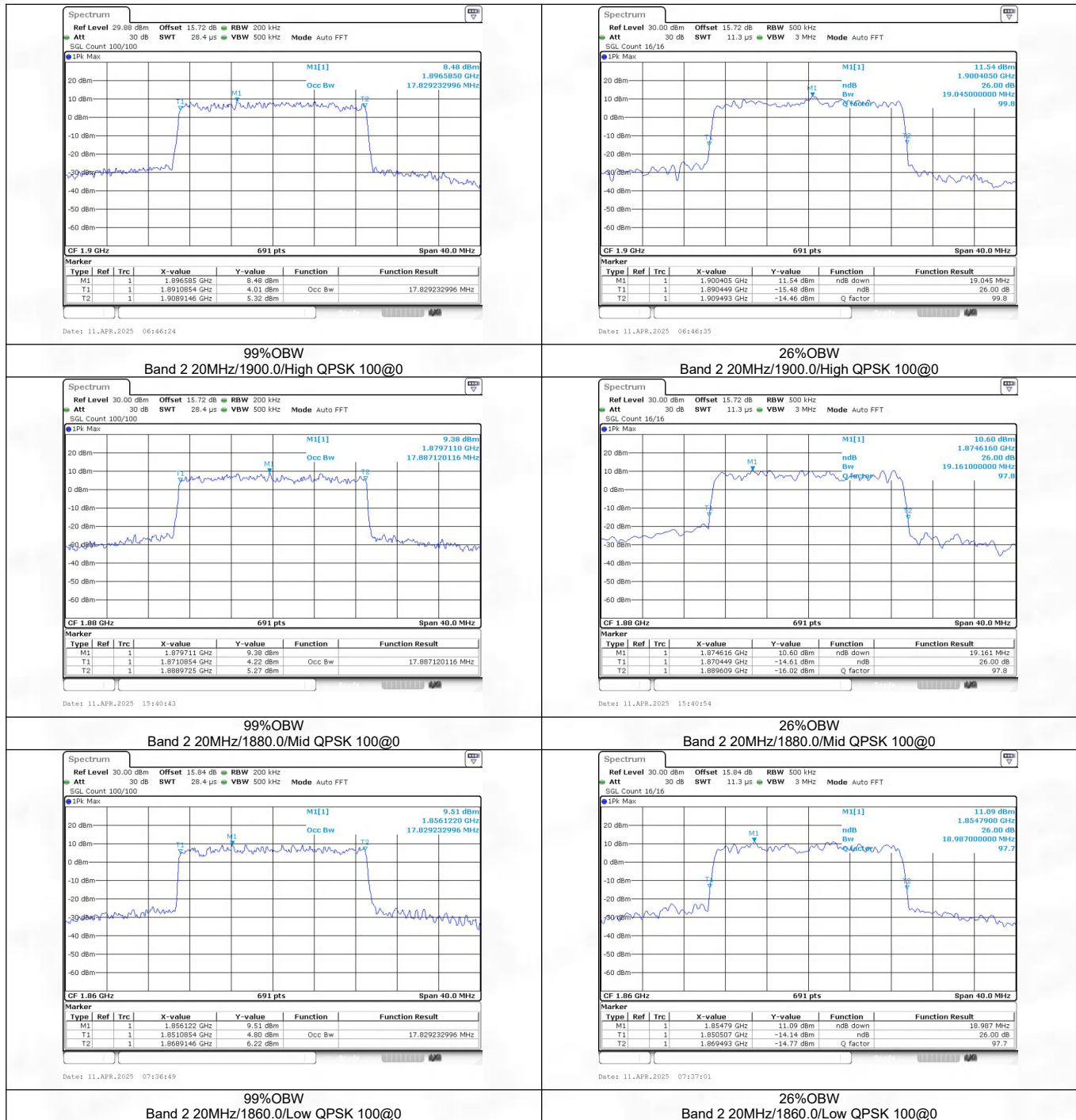












5. Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
2	1.4	19193	1909.3	QPSK	1@0	30	1000	-51.03	-13	PASS
2	1.4	19193	1909.3	QPSK	1@0	1000	20000	-30.56	-13	PASS
2	1.4	18900	1880.0	QPSK	1@0	30	1000	-50.11	-13	PASS
2	1.4	18900	1880.0	QPSK	1@0	1000	20000	-32.12	-13	PASS
2	1.4	18607	1850.7	QPSK	1@0	30	1000	-50.3	-13	PASS
2	1.4	18607	1850.7	QPSK	1@0	1000	20000	-31.26	-13	PASS
2	3.0	19185	1908.5	QPSK	1@0	30	1000	-50.49	-13	PASS
2	3.0	19185	1908.5	QPSK	1@0	1000	20000	-29.48	-13	PASS
2	3.0	18900	1880.0	QPSK	1@0	30	1000	-50.63	-13	PASS
2	3.0	18900	1880.0	QPSK	1@0	1000	20000	-33.06	-13	PASS
2	3.0	18615	1851.5	QPSK	1@0	30	1000	-50.59	-13	PASS
2	3.0	18615	1851.5	QPSK	1@0	1000	20000	-32.09	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	30	1000	-50.22	-13	PASS
2	5.0	19175	1907.5	QPSK	1@0	1000	20000	-29.69	-13	PASS
2	5.0	18900	1880.0	QPSK	1@0	30	1000	-50.43	-13	PASS
2	5.0	18900	1880.0	QPSK	1@0	1000	20000	-28.76	-13	PASS
2	5.0	18625	1852.5	QPSK	1@0	30	1000	-49.49	-13	PASS
2	5.0	18625	1852.5	QPSK	1@0	1000	20000	-29.26	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	30	1000	-49.9	-13	PASS
2	10.0	19150	1905.0	QPSK	1@0	1000	20000	-29.42	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	30	1000	-50.62	-13	PASS
2	10.0	18900	1880.0	QPSK	1@0	1000	20000	-31.82	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	30	1000	-49.43	-13	PASS
2	10.0	18650	1855.0	QPSK	1@0	1000	20000	-28.48	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	30	1000	-50.62	-13	PASS
2	15.0	19125	1902.5	QPSK	1@0	1000	20000	-35.89	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	30	1000	-49.75	-13	PASS
2	15.0	18900	1880.0	QPSK	1@0	1000	20000	-30.34	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	30	1000	-49.97	-13	PASS
2	15.0	18675	1857.5	QPSK	1@0	1000	20000	-37.26	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	30	1000	-50.4	-13	PASS
2	20.0	19100	1900.0	QPSK	1@0	1000	20000	-32.52	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	30	1000	-50.69	-13	PASS
2	20.0	18900	1880.0	QPSK	1@0	1000	20000	-34.81	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	30	1000	-48.63	-13	PASS
2	20.0	18700	1860.0	QPSK	1@0	1000	20000	-32.95	-13	PASS

