

Appendix - LTE

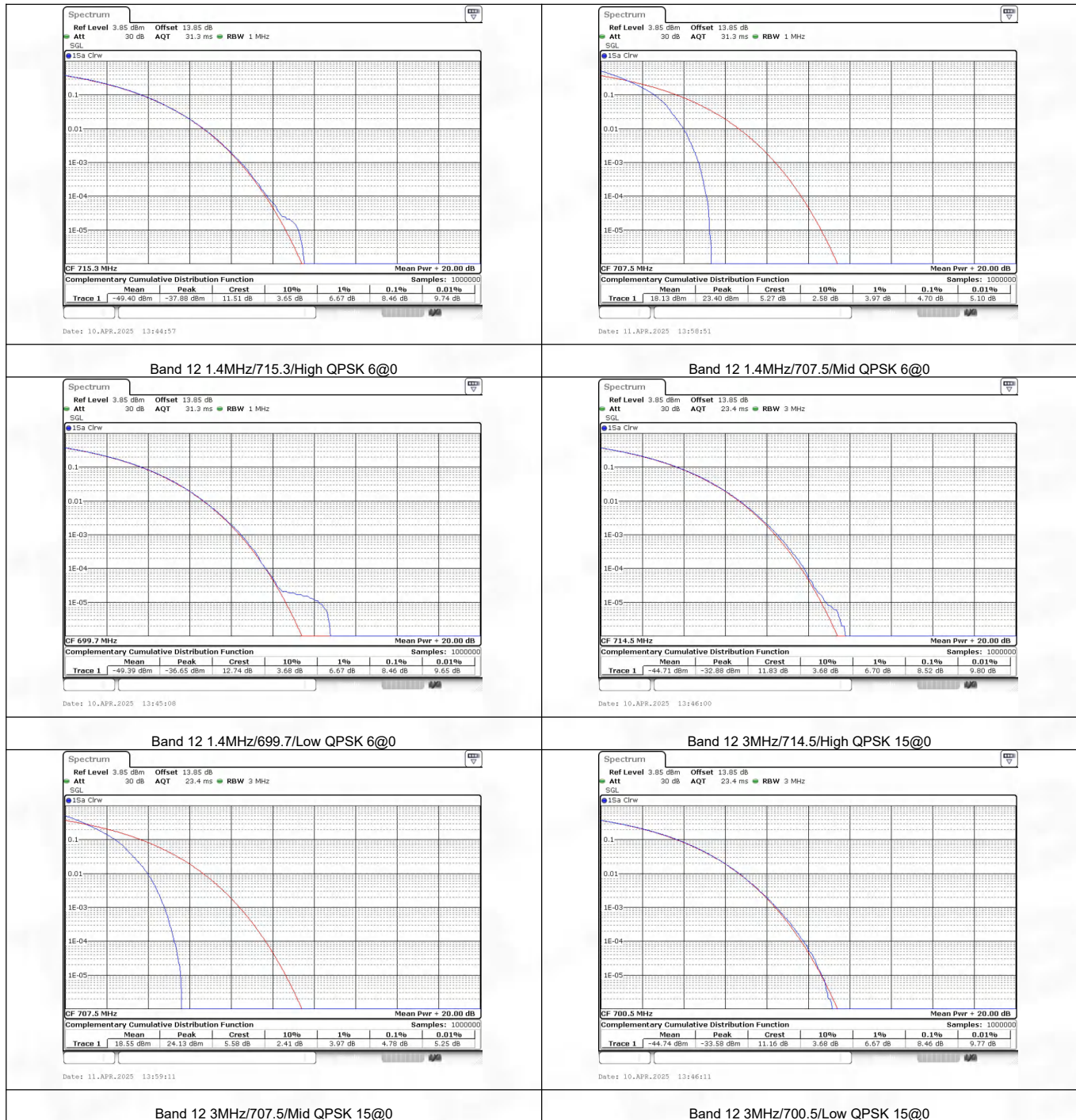
1. Transmitter Conducted Output Power And ERP/EIRP

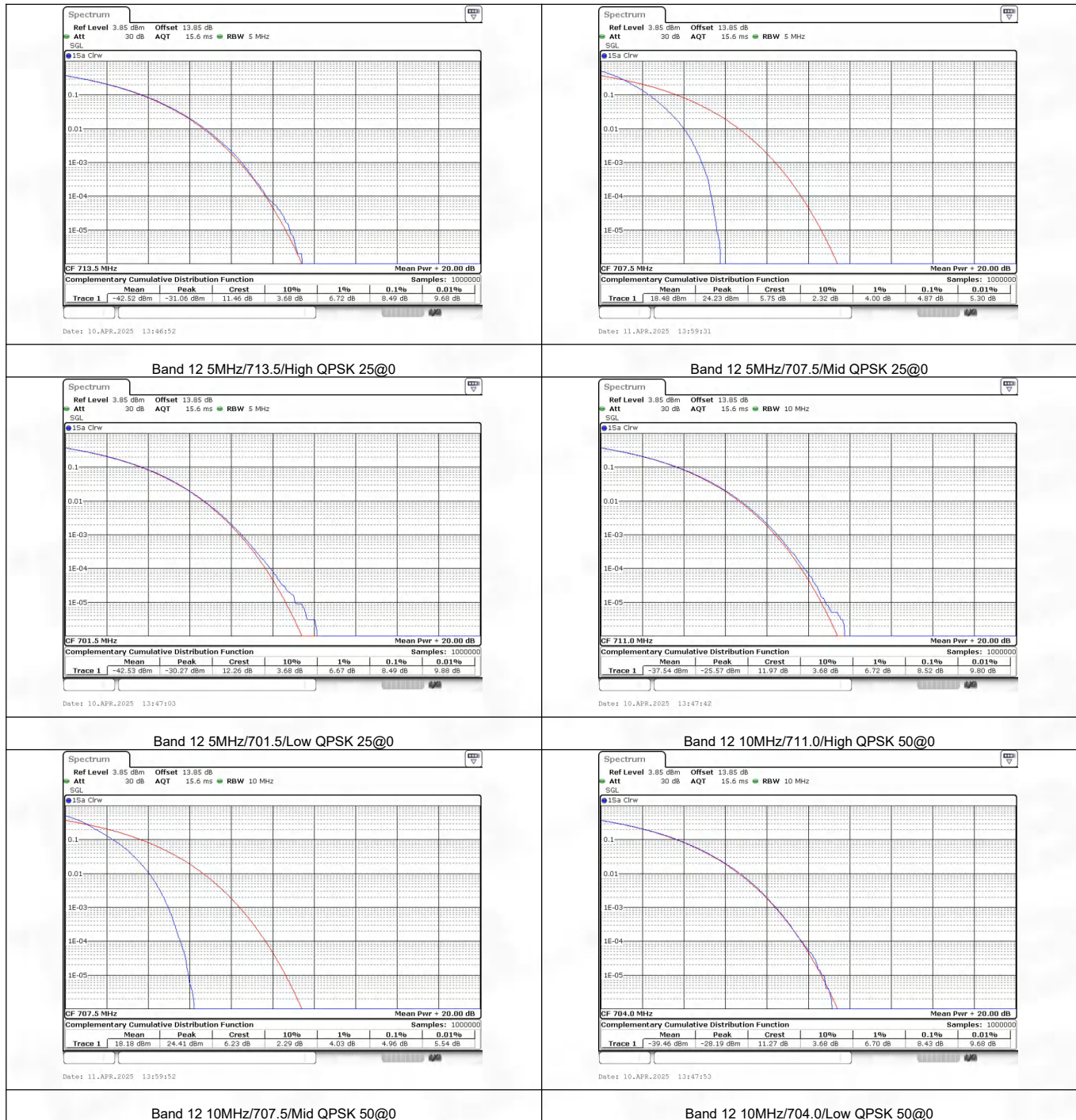
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP(Limit) (dBm)	Verdict
12	1.4	23173	715.3	QPSK	1@0	23.65	17.68	34.77	PASS
12	1.4	23173	715.3	QPSK	1@2	23.59	17.62	34.77	PASS
12	1.4	23173	715.3	QPSK	1@5	23.41	17.44	34.77	PASS
12	1.4	23173	715.3	QPSK	3@0	23.46	17.49	34.77	PASS
12	1.4	23173	715.3	QPSK	3@1	23.37	17.4	34.77	PASS
12	1.4	23173	715.3	QPSK	3@2	23.35	17.38	34.77	PASS
12	1.4	23173	715.3	QPSK	6@0	22.35	16.38	34.77	PASS
12	1.4	23095	707.5	QPSK	1@0	24.0	18.03	34.77	PASS
12	1.4	23095	707.5	QPSK	1@2	23.72	17.75	34.77	PASS
12	1.4	23095	707.5	QPSK	1@5	23.69	17.72	34.77	PASS
12	1.4	23095	707.5	QPSK	3@0	23.69	17.72	34.77	PASS
12	1.4	23095	707.5	QPSK	3@1	23.74	17.77	34.77	PASS
12	1.4	23095	707.5	QPSK	3@2	23.66	17.69	34.77	PASS
12	1.4	23095	707.5	QPSK	6@0	22.7	16.73	34.77	PASS
12	1.4	23017	699.7	QPSK	1@0	23.05	17.08	34.77	PASS
12	1.4	23017	699.7	QPSK	1@2	22.92	16.95	34.77	PASS
12	1.4	23017	699.7	QPSK	1@5	23.01	17.04	34.77	PASS
12	1.4	23017	699.7	QPSK	3@0	22.95	16.98	34.77	PASS
12	1.4	23017	699.7	QPSK	3@1	22.92	16.95	34.77	PASS
12	1.4	23017	699.7	QPSK	3@2	22.95	16.98	34.77	PASS
12	1.4	23017	699.7	QPSK	6@0	21.86	15.89	34.77	PASS
12	3.0	23165	714.5	QPSK	1@0	23.29	17.32	34.77	PASS
12	3.0	23165	714.5	QPSK	1@7	23.43	17.46	34.77	PASS
12	3.0	23165	714.5	QPSK	1@14	23.2	17.23	34.77	PASS
12	3.0	23165	714.5	QPSK	8@0	22.2	16.23	34.77	PASS
12	3.0	23165	714.5	QPSK	8@4	22.17	16.2	34.77	PASS
12	3.0	23165	714.5	QPSK	8@7	22.34	16.37	34.77	PASS
12	3.0	23165	714.5	QPSK	15@0	22.26	16.29	34.77	PASS
12	3.0	23095	707.5	QPSK	1@0	24.0	18.03	34.77	PASS
12	3.0	23095	707.5	QPSK	1@7	23.71	17.74	34.77	PASS
12	3.0	23095	707.5	QPSK	1@14	23.5	17.53	34.77	PASS
12	3.0	23095	707.5	QPSK	8@0	22.73	16.76	34.77	PASS
12	3.0	23095	707.5	QPSK	8@4	22.78	16.81	34.77	PASS
12	3.0	23095	707.5	QPSK	8@7	22.53	16.56	34.77	PASS
12	3.0	23095	707.5	QPSK	15@0	22.62	16.65	34.77	PASS
12	3.0	23025	700.5	QPSK	1@0	22.93	16.96	34.77	PASS
12	3.0	23025	700.5	QPSK	1@7	23.22	17.25	34.77	PASS
12	3.0	23025	700.5	QPSK	1@14	23.3	17.33	34.77	PASS
12	3.0	23025	700.5	QPSK	8@0	21.94	15.97	34.77	PASS
12	3.0	23025	700.5	QPSK	8@4	21.96	15.99	34.77	PASS
12	3.0	23025	700.5	QPSK	8@7	22.26	16.29	34.77	PASS
12	3.0	23025	700.5	QPSK	15@0	22.02	16.05	34.77	PASS
12	5.0	23155	713.5	QPSK	1@0	22.93	16.96	34.77	PASS
12	5.0	23155	713.5	QPSK	1@12	23.49	17.52	34.77	PASS
12	5.0	23155	713.5	QPSK	1@24	23.42	17.45	34.77	PASS
12	5.0	23155	713.5	QPSK	12@0	21.99	16.02	34.77	PASS
12	5.0	23155	713.5	QPSK	12@6	21.9	15.93	34.77	PASS
12	5.0	23155	713.5	QPSK	12@11	21.92	15.95	34.77	PASS
12	5.0	23155	713.5	QPSK	25@0	22.06	16.09	34.77	PASS
12	5.0	23095	707.5	QPSK	1@0	24.07	18.1	34.77	PASS
12	5.0	23095	707.5	QPSK	1@12	23.72	17.75	34.77	PASS
12	5.0	23095	707.5	QPSK	1@24	23.38	17.41	34.77	PASS
12	5.0	23095	707.5	QPSK	12@0	22.71	16.74	34.77	PASS
12	5.0	23095	707.5	QPSK	12@6	22.7	16.73	34.77	PASS
12	5.0	23095	707.5	QPSK	12@11	22.75	16.78	34.77	PASS
12	5.0	23095	707.5	QPSK	25@0	22.51	16.54	34.77	PASS
12	5.0	23035	701.5	QPSK	1@0	23.12	17.15	34.77	PASS
12	5.0	23035	701.5	QPSK	1@12	23.52	17.55	34.77	PASS
12	5.0	23035	701.5	QPSK	1@24	23.91	17.94	34.77	PASS
12	5.0	23035	701.5	QPSK	12@0	21.98	16.01	34.77	PASS
12	5.0	23035	701.5	QPSK	12@6	22.05	16.08	34.77	PASS
12	5.0	23035	701.5	QPSK	12@11	22.02	16.05	34.77	PASS
12	5.0	23035	701.5	QPSK	25@0	22.2	16.23	34.77	PASS
12	10.0	23130	711.0	QPSK	1@0	23.96	17.99	34.77	PASS
12	10.0	23130	711.0	QPSK	1@24	23.0	17.03	34.77	PASS
12	10.0	23130	711.0	QPSK	1@49	23.42	17.45	34.77	PASS
12	10.0	23130	711.0	QPSK	25@0	22.13	16.16	34.77	PASS
12	10.0	23130	711.0	QPSK	25@12	22.11	16.14	34.77	PASS
12	10.0	23130	711.0	QPSK	25@24	22.09	16.12	34.77	PASS
12	10.0	23130	711.0	QPSK	50@0	21.98	16.01	34.77	PASS
12	10.0	23095	707.5	QPSK	1@0	23.88	17.91	34.77	PASS
12	10.0	23095	707.5	QPSK	1@24	23.57	17.6	34.77	PASS
12	10.0	23095	707.5	QPSK	1@49	23.07	17.1	34.77	PASS

12	10.0	23095	707.5	QPSK	25@0	22.58	16.61	34.77	PASS
12	10.0	23095	707.5	QPSK	25@12	22.58	16.61	34.77	PASS
12	10.0	23095	707.5	QPSK	25@24	22.64	16.67	34.77	PASS
12	10.0	23095	707.5	QPSK	50@0	22.29	16.32	34.77	PASS
12	10.0	23060	704.0	QPSK	1@0	22.88	16.91	34.77	PASS
12	10.0	23060	704.0	QPSK	1@24	23.65	17.68	34.77	PASS
12	10.0	23060	704.0	QPSK	1@49	23.31	17.34	34.77	PASS
12	10.0	23060	704.0	QPSK	25@0	22.13	16.16	34.77	PASS
12	10.0	23060	704.0	QPSK	25@12	22.13	16.16	34.77	PASS
12	10.0	23060	704.0	QPSK	25@24	22.11	16.14	34.77	PASS
12	10.0	23060	704.0	QPSK	50@0	22.3	16.33	34.77	PASS

2.Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	1.4	23173	715.3	QPSK	6@0	8.46	13	PASS
12	1.4	23095	707.5	QPSK	6@0	4.7	13	PASS
12	1.4	23017	699.7	QPSK	6@0	8.46	13	PASS
12	3.0	23165	714.5	QPSK	15@0	8.52	13	PASS
12	3.0	23095	707.5	QPSK	15@0	4.78	13	PASS
12	3.0	23025	700.5	QPSK	15@0	8.46	13	PASS
12	5.0	23155	713.5	QPSK	25@0	8.49	13	PASS
12	5.0	23095	707.5	QPSK	25@0	4.87	13	PASS
12	5.0	23035	701.5	QPSK	25@0	8.49	13	PASS
12	10.0	23130	711.0	QPSK	50@0	8.52	13	PASS
12	10.0	23095	707.5	QPSK	50@0	4.96	13	PASS
12	10.0	23060	704.0	QPSK	50@0	8.43	13	PASS





3.Frequency Stability

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Deviation (Hz)	Deviation (ppm)	Limit(ppm)	Verdict	Environment
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Version: 1/00

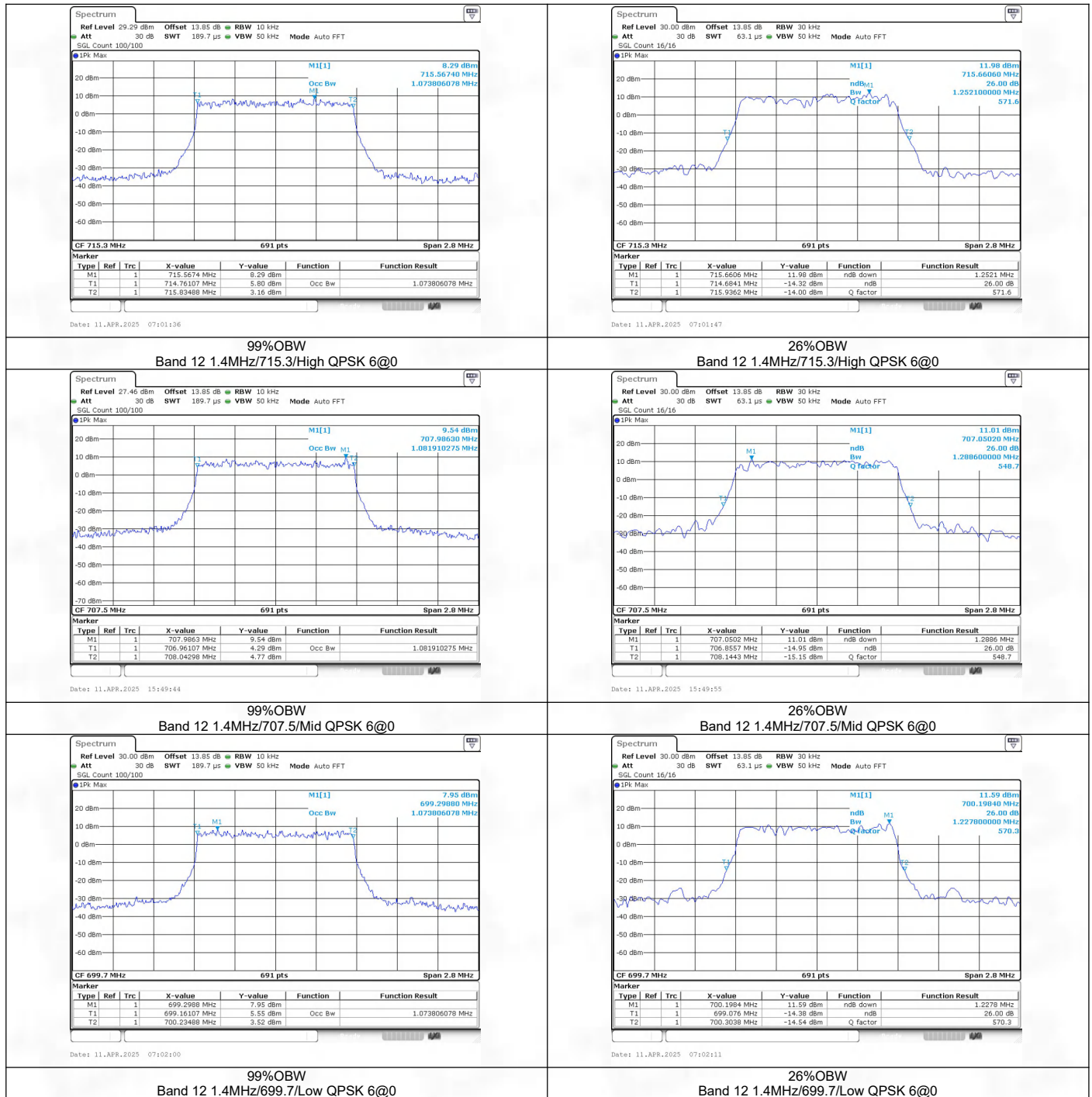
12	1.4	23173	715.3	QPSK	6@0	-19.23	-0.02748	±2.5	PASS	Vibration
12	1.4	23173	715.3	QPSK	6@0	-21.9	-0.0313	±2.5	PASS	Humidity
12	1.4	23173	715.3	QPSK	6@0	-26.81	-0.03748	±2.5	PASS	VL
12	1.4	23173	715.3	QPSK	6@0	-25.25	-0.0353	±2.5	PASS	VN
12	1.4	23173	715.3	QPSK	6@0	-31.2	-0.04362	±2.5	PASS	VH
12	1.4	23173	715.3	QPSK	6@0	-19.8	-0.02768	±2.5	PASS	-30℃
12	1.4	23173	715.3	QPSK	6@0	-24.69	-0.03452	±2.5	PASS	-20℃
12	1.4	23173	715.3	QPSK	6@0	-10.56	-0.01476	±2.5	PASS	-10℃
12	1.4	23173	715.3	QPSK	6@0	-7.42	-0.01038	±2.5	PASS	0℃
12	1.4	23173	715.3	QPSK	6@0	-6.77	-0.00946	±2.5	PASS	10℃
12	1.4	23173	715.3	QPSK	6@0	-6.88	-0.00962	±2.5	PASS	20℃
12	1.4	23173	715.3	QPSK	6@0	-16.64	-0.02326	±2.5	PASS	30℃
12	1.4	23173	715.3	QPSK	6@0	-21.8	-0.03048	±2.5	PASS	40℃
12	1.4	23173	715.3	QPSK	6@0	-9.73	-0.0136	±2.5	PASS	50℃
12	1.4	23095	707.5	QPSK	6@0	-26.88	-0.03799	±2.5	PASS	Vibration
12	1.4	23095	707.5	QPSK	6@0	-26.97	-0.03811	±2.5	PASS	Humidity
12	1.4	23095	707.5	QPSK	6@0	-22.42	-0.03168	±2.5	PASS	VL
12	1.4	23095	707.5	QPSK	6@0	-33.4	-0.04721	±2.5	PASS	VN
12	1.4	23095	707.5	QPSK	6@0	-3.05	-0.00431	±2.5	PASS	VH
12	1.4	23095	707.5	QPSK	6@0	-22.77	-0.03219	±2.5	PASS	-30℃
12	1.4	23095	707.5	QPSK	6@0	-26.66	-0.03769	±2.5	PASS	-20℃
12	1.4	23095	707.5	QPSK	6@0	-18.38	-0.02598	±2.5	PASS	-10℃
12	1.4	23095	707.5	QPSK	6@0	-14.89	-0.02105	±2.5	PASS	0℃
12	1.4	23095	707.5	QPSK	6@0	-11.56	-0.01634	±2.5	PASS	10℃
12	1.4	23095	707.5	QPSK	6@0	-8.81	-0.01246	±2.5	PASS	20℃
12	1.4	23095	707.5	QPSK	6@0	0.27	0.00038	±2.5	PASS	30℃
12	1.4	23095	707.5	QPSK	6@0	-12.67	-0.01791	±2.5	PASS	40℃
12	1.4	23095	707.5	QPSK	6@0	-1.26	-0.00178	±2.5	PASS	50℃
12	1.4	23017	699.7	QPSK	6@0	4.51	0.0063	±2.5	PASS	Vibration
12	1.4	23017	699.7	QPSK	6@0	23.02	0.03218	±2.5	PASS	Humidity
12	1.4	23017	699.7	QPSK	6@0	-4.86	-0.00695	±2.5	PASS	VL
12	1.4	23017	699.7	QPSK	6@0	-22.26	-0.03181	±2.5	PASS	VN
12	1.4	23017	699.7	QPSK	6@0	-22.66	-0.03238	±2.5	PASS	VH
12	1.4	23017	699.7	QPSK	6@0	-16.52	-0.02361	±2.5	PASS	-30℃
12	1.4	23017	699.7	QPSK	6@0	-4.65	-0.00664	±2.5	PASS	-20℃
12	1.4	23017	699.7	QPSK	6@0	-21.47	-0.03069	±2.5	PASS	-10℃
12	1.4	23017	699.7	QPSK	6@0	-5.36	-0.00767	±2.5	PASS	0℃
12	1.4	23017	699.7	QPSK	6@0	-15.15	-0.02165	±2.5	PASS	10℃
12	1.4	23017	699.7	QPSK	6@0	-23.7	-0.03388	±2.5	PASS	20℃
12	1.4	23017	699.7	QPSK	6@0	-3.85	-0.0055	±2.5	PASS	30℃
12	1.4	23017	699.7	QPSK	6@0	-4.76	-0.00681	±2.5	PASS	40℃
12	1.4	23017	699.7	QPSK	6@0	-17.8	-0.02543	±2.5	PASS	50℃
12	3.0	23165	714.5	QPSK	15@0	2.63	0.00376	±2.5	PASS	Vibration
12	3.0	23165	714.5	QPSK	15@0	17.45	0.02491	±2.5	PASS	Humidity
12	3.0	23165	714.5	QPSK	15@0	-24.25	-0.03394	±2.5	PASS	VL
12	3.0	23165	714.5	QPSK	15@0	-19.76	-0.02765	±2.5	PASS	VN
12	3.0	23165	714.5	QPSK	15@0	-24.96	-0.03494	±2.5	PASS	VH
12	3.0	23165	714.5	QPSK	15@0	-15.71	-0.02198	±2.5	PASS	-30℃
12	3.0	23165	714.5	QPSK	15@0	-2.3	-0.00322	±2.5	PASS	-20℃
12	3.0	23165	714.5	QPSK	15@0	-2.4	-0.00336	±2.5	PASS	-10℃
12	3.0	23165	714.5	QPSK	15@0	-11.83	-0.01656	±2.5	PASS	0℃
12	3.0	23165	714.5	QPSK	15@0	-23.35	-0.03267	±2.5	PASS	10℃
12	3.0	23165	714.5	QPSK	15@0	-25.31	-0.03542	±2.5	PASS	20℃
12	3.0	23165	714.5	QPSK	15@0	-16.61	-0.02324	±2.5	PASS	30℃
12	3.0	23165	714.5	QPSK	15@0	-4.36	-0.00611	±2.5	PASS	40℃
12	3.0	23165	714.5	QPSK	15@0	-13.79	-0.0193	±2.5	PASS	50℃
12	3.0	23095	707.5	QPSK	15@0	14.93	0.02111	±2.5	PASS	Vibration
12	3.0	23095	707.5	QPSK	15@0	2.56	0.00362	±2.5	PASS	Humidity
12	3.0	23095	707.5	QPSK	15@0	3.35	0.00473	±2.5	PASS	VL
12	3.0	23095	707.5	QPSK	15@0	5.48	0.00774	±2.5	PASS	VN
12	3.0	23095	707.5	QPSK	15@0	0.5	0.00071	±2.5	PASS	VH
12	3.0	23095	707.5	QPSK	15@0	-17.85	-0.02523	±2.5	PASS	-30℃
12	3.0	23095	707.5	QPSK	15@0	-19.38	-0.0274	±2.5	PASS	-20℃
12	3.0	23095	707.5	QPSK	15@0	-18.93	-0.02675	±2.5	PASS	-10℃
12	3.0	23095	707.5	QPSK	15@0	-26.75	-0.03781	±2.5	PASS	0℃
12	3.0	23095	707.5	QPSK	15@0	-9.34	-0.0132	±2.5	PASS	10℃
12	3.0	23095	707.5	QPSK	15@0	-1.34	-0.0019	±2.5	PASS	20℃
12	3.0	23095	707.5	QPSK	15@0	-10.8	-0.01527	±2.5	PASS	30℃
12	3.0	23095	707.5	QPSK	15@0	-27.79	-0.03929	±2.5	PASS	40℃
12	3.0	23095	707.5	QPSK	15@0	3.69	0.00522	±2.5	PASS	50℃
12	3.0	23025	700.5	QPSK	15@0	15.48	0.02166	±2.5	PASS	Vibration
12	3.0	23025	700.5	QPSK	15@0	14.03	0.01964	±2.5	PASS	Humidity
12	3.0	23025	700.5	QPSK	15@0	-12.42	-0.01773	±2.5	PASS	VL
12	3.0	23025	700.5	QPSK	15@0	11.12	0.01587	±2.5	PASS	VN
12	3.0	23025	700.5	QPSK	15@0	0.84	0.0012	±2.5	PASS	VH
12	3.0	23025	700.5	QPSK	15@0	-7.52	-0.01074	±2.5	PASS	-30℃

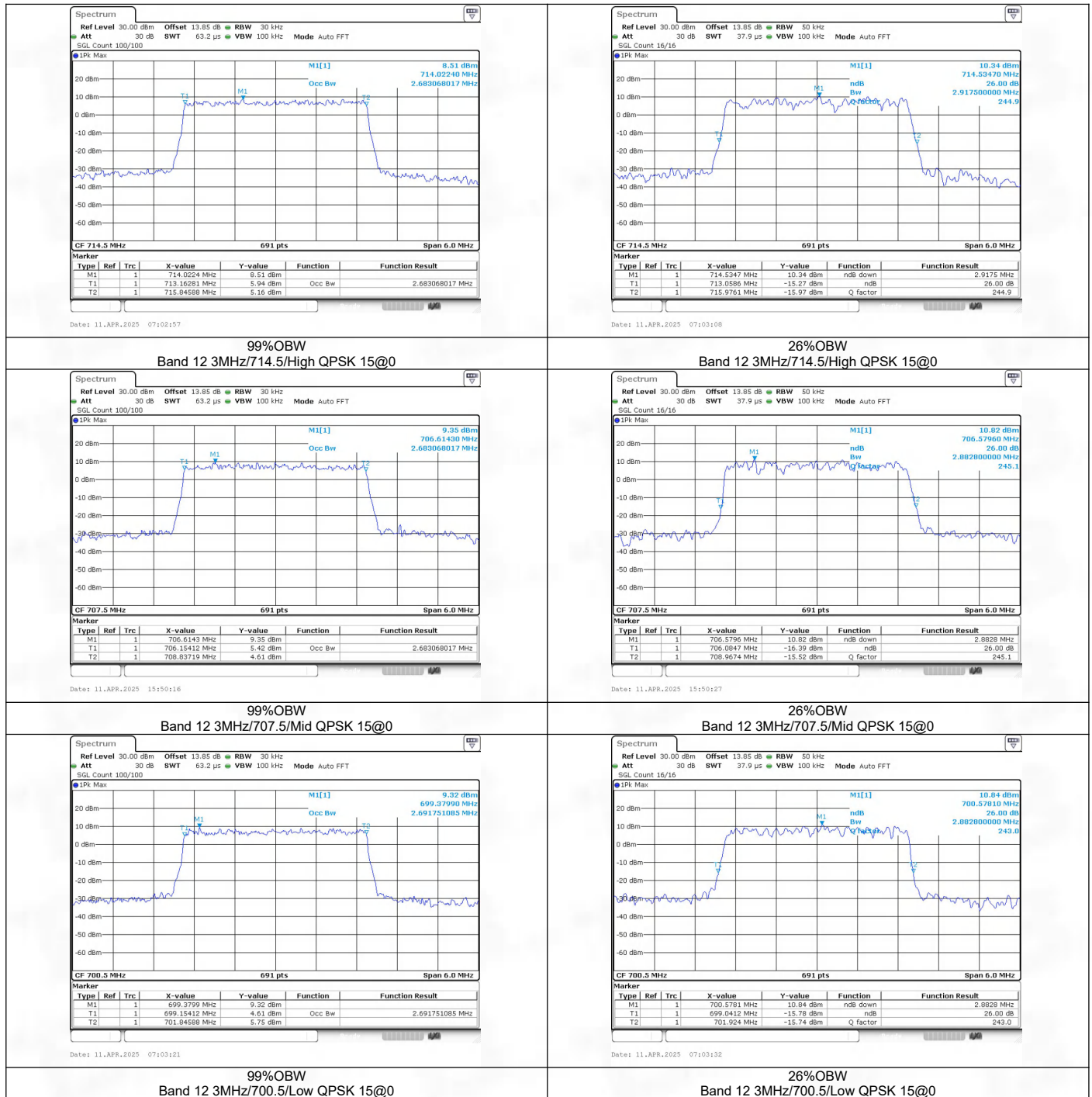
12	3.0	23025	700.5	QPSK	15@0	-12.69	-0.01811	±2.5	PASS	-20℃
12	3.0	23025	700.5	QPSK	15@0	-12.97	-0.01852	±2.5	PASS	-10℃
12	3.0	23025	700.5	QPSK	15@0	-15.79	-0.02255	±2.5	PASS	0℃
12	3.0	23025	700.5	QPSK	15@0	-15.64	-0.02232	±2.5	PASS	10℃
12	3.0	23025	700.5	QPSK	15@0	-19.11	-0.02728	±2.5	PASS	20℃
12	3.0	23025	700.5	QPSK	15@0	-21.83	-0.03116	±2.5	PASS	30℃
12	3.0	23025	700.5	QPSK	15@0	-24.68	-0.03523	±2.5	PASS	40℃
12	3.0	23025	700.5	QPSK	15@0	-28.18	-0.04023	±2.5	PASS	50℃
12	5.0	23155	713.5	QPSK	25@0	12.6	0.01797	±2.5	PASS	Vibration
12	5.0	23155	713.5	QPSK	25@0	2.23	0.00318	±2.5	PASS	Humidity
12	5.0	23155	713.5	QPSK	25@0	-6.08	-0.00852	±2.5	PASS	VL
12	5.0	23155	713.5	QPSK	25@0	-7.77	-0.01089	±2.5	PASS	VN
12	5.0	23155	713.5	QPSK	25@0	-2.62	-0.00367	±2.5	PASS	VH
12	5.0	23155	713.5	QPSK	25@0	-13.46	-0.01887	±2.5	PASS	-30℃
12	5.0	23155	713.5	QPSK	25@0	-18.5	-0.02592	±2.5	PASS	-20℃
12	5.0	23155	713.5	QPSK	25@0	-19.38	-0.02717	±2.5	PASS	-10℃
12	5.0	23155	713.5	QPSK	25@0	-15.34	-0.02149	±2.5	PASS	0℃
12	5.0	23155	713.5	QPSK	25@0	-18.3	-0.02564	±2.5	PASS	10℃
12	5.0	23155	713.5	QPSK	25@0	-4.12	-0.00577	±2.5	PASS	20℃
12	5.0	23155	713.5	QPSK	25@0	-8.1	-0.01135	±2.5	PASS	30℃
12	5.0	23155	713.5	QPSK	25@0	-5.84	-0.00818	±2.5	PASS	40℃
12	5.0	23155	713.5	QPSK	25@0	-24.56	-0.03442	±2.5	PASS	50℃
12	5.0	23095	707.5	QPSK	25@0	16.68	0.02358	±2.5	PASS	Vibration
12	5.0	23095	707.5	QPSK	25@0	2.65	0.00374	±2.5	PASS	Humidity
12	5.0	23095	707.5	QPSK	25@0	-3.19	-0.00451	±2.5	PASS	VL
12	5.0	23095	707.5	QPSK	25@0	2.86	0.00404	±2.5	PASS	VN
12	5.0	23095	707.5	QPSK	25@0	-11.16	-0.01577	±2.5	PASS	VH
12	5.0	23095	707.5	QPSK	25@0	-25.92	-0.03664	±2.5	PASS	-30℃
12	5.0	23095	707.5	QPSK	25@0	-28.54	-0.04034	±2.5	PASS	-20℃
12	5.0	23095	707.5	QPSK	25@0	-22.04	-0.03116	±2.5	PASS	-10℃
12	5.0	23095	707.5	QPSK	25@0	-14.78	-0.02089	±2.5	PASS	0℃
12	5.0	23095	707.5	QPSK	25@0	-7.41	-0.01047	±2.5	PASS	10℃
12	5.0	23095	707.5	QPSK	25@0	-24.32	-0.03437	±2.5	PASS	20℃
12	5.0	23095	707.5	QPSK	25@0	-10.5	-0.01484	±2.5	PASS	30℃
12	5.0	23095	707.5	QPSK	25@0	-21.86	-0.0309	±2.5	PASS	40℃
12	5.0	23095	707.5	QPSK	25@0	4.75	0.00671	±2.5	PASS	50℃
12	5.0	23035	701.5	QPSK	25@0	16.45	0.02306	±2.5	PASS	Vibration
12	5.0	23035	701.5	QPSK	25@0	14.92	0.02091	±2.5	PASS	Humidity
12	5.0	23035	701.5	QPSK	25@0	-20.18	-0.02877	±2.5	PASS	VL
12	5.0	23035	701.5	QPSK	25@0	12.69	0.01809	±2.5	PASS	VN
12	5.0	23035	701.5	QPSK	25@0	12.57	0.01792	±2.5	PASS	VH
12	5.0	23035	701.5	QPSK	25@0	4.61	0.00657	±2.5	PASS	-30℃
12	5.0	23035	701.5	QPSK	25@0	-1.47	-0.0021	±2.5	PASS	-20℃
12	5.0	23035	701.5	QPSK	25@0	-8.87	-0.01264	±2.5	PASS	-10℃
12	5.0	23035	701.5	QPSK	25@0	-20.93	-0.02983	±2.5	PASS	0℃
12	5.0	23035	701.5	QPSK	25@0	-0.34	-0.00049	±2.5	PASS	10℃
12	5.0	23035	701.5	QPSK	25@0	15.79	0.02251	±2.5	PASS	20℃
12	5.0	23035	701.5	QPSK	25@0	6.65	0.00948	±2.5	PASS	30℃
12	5.0	23035	701.5	QPSK	25@0	2.45	0.00349	±2.5	PASS	40℃
12	5.0	23035	701.5	QPSK	25@0	5.19	0.0074	±2.5	PASS	50℃
12	10.0	23130	711.0	QPSK	50@0	-12.62	-0.01792	±2.5	PASS	Vibration
12	10.0	23130	711.0	QPSK	50@0	20.48	0.0291	±2.5	PASS	Humidity
12	10.0	23130	711.0	QPSK	50@0	-8.51	-0.01197	±2.5	PASS	VL
12	10.0	23130	711.0	QPSK	50@0	20.3	0.02855	±2.5	PASS	VN
12	10.0	23130	711.0	QPSK	50@0	-22.53	-0.03169	±2.5	PASS	VH
12	10.0	23130	711.0	QPSK	50@0	-14.41	-0.02026	±2.5	PASS	-30℃
12	10.0	23130	711.0	QPSK	50@0	-25.25	-0.03551	±2.5	PASS	-20℃
12	10.0	23130	711.0	QPSK	50@0	-22.4	-0.03151	±2.5	PASS	-10℃
12	10.0	23130	711.0	QPSK	50@0	-20.73	-0.02915	±2.5	PASS	0℃
12	10.0	23130	711.0	QPSK	50@0	-14.25	-0.02004	±2.5	PASS	10℃
12	10.0	23130	711.0	QPSK	50@0	-0.99	-0.00139	±2.5	PASS	20℃
12	10.0	23130	711.0	QPSK	50@0	-11.49	-0.01616	±2.5	PASS	30℃
12	10.0	23130	711.0	QPSK	50@0	-22.8	-0.03207	±2.5	PASS	40℃
12	10.0	23130	711.0	QPSK	50@0	-0.74	-0.00105	±2.5	PASS	50℃
12	10.0	23095	707.5	QPSK	50@0	17.98	0.02542	±2.5	PASS	Vibration
12	10.0	23095	707.5	QPSK	50@0	11.06	0.01563	±2.5	PASS	Humidity
12	10.0	23095	707.5	QPSK	50@0	-16.52	-0.02335	±2.5	PASS	VL
12	10.0	23095	707.5	QPSK	50@0	3.12	0.00441	±2.5	PASS	VN
12	10.0	23095	707.5	QPSK	50@0	0.62	0.00087	±2.5	PASS	VH
12	10.0	23095	707.5	QPSK	50@0	-5.26	-0.00744	±2.5	PASS	-30℃
12	10.0	23095	707.5	QPSK	50@0	-11.6	-0.0164	±2.5	PASS	-20℃
12	10.0	23095	707.5	QPSK	50@0	-7.64	-0.0108	±2.5	PASS	-10℃
12	10.0	23095	707.5	QPSK	50@0	-2.55	-0.0036	±2.5	PASS	0℃
12	10.0	23095	707.5	QPSK	50@0	-15.26	-0.02157	±2.5	PASS	10℃
12	10.0	23095	707.5	QPSK	50@0	-3.73	-0.00528	±2.5	PASS	20℃
12	10.0	23095	707.5	QPSK	50@0	-16.71	-0.02362	±2.5	PASS	30℃

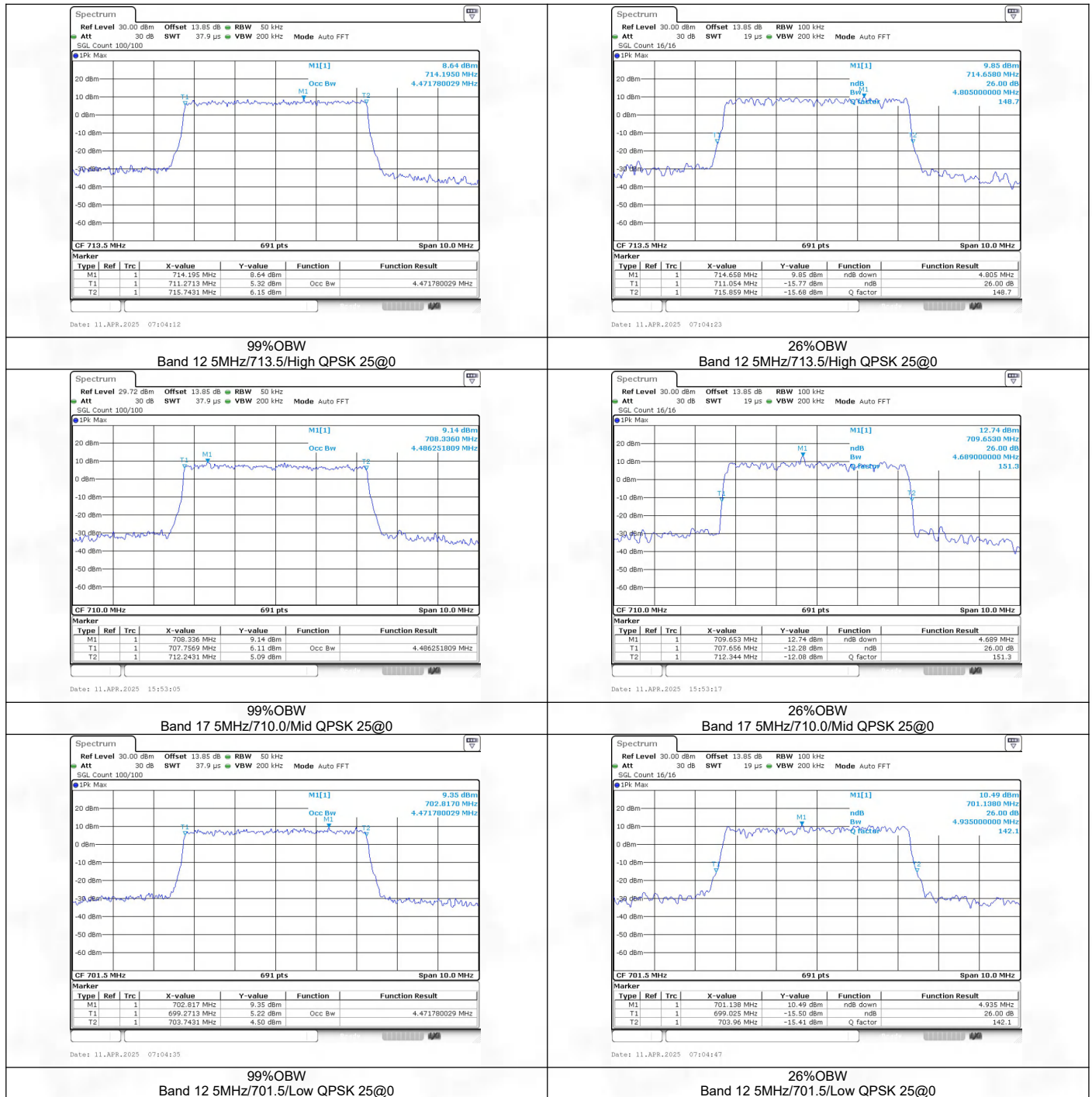
12	10.0	23095	707.5	QPSK	50@0	-26.41	-0.03732	±2.5	PASS	40℃
12	10.0	23095	707.5	QPSK	50@0	-7.81	-0.01104	±2.5	PASS	50℃
12	10.0	23060	704.0	QPSK	50@0	-2.15	-0.00302	±2.5	PASS	Vibration
12	10.0	23060	704.0	QPSK	50@0	19.11	0.02688	±2.5	PASS	Humidity
12	10.0	23060	704.0	QPSK	50@0	-17.74	-0.0252	±2.5	PASS	VL
12	10.0	23060	704.0	QPSK	50@0	1.92	0.00272	±2.5	PASS	VN
12	10.0	23060	704.0	QPSK	50@0	25.45	0.03615	±2.5	PASS	VH
12	10.0	23060	704.0	QPSK	50@0	-13.23	-0.0188	±2.5	PASS	-30℃
12	10.0	23060	704.0	QPSK	50@0	-10.47	-0.01487	±2.5	PASS	-20℃
12	10.0	23060	704.0	QPSK	50@0	-29.54	-0.04196	±2.5	PASS	-10℃
12	10.0	23060	704.0	QPSK	50@0	-28.22	-0.04009	±2.5	PASS	0℃
12	10.0	23060	704.0	QPSK	50@0	-2.42	-0.00343	±2.5	PASS	10℃
12	10.0	23060	704.0	QPSK	50@0	0.84	0.0012	±2.5	PASS	20℃
12	10.0	23060	704.0	QPSK	50@0	17.31	0.02459	±2.5	PASS	30℃
12	10.0	23060	704.0	QPSK	50@0	5.44	0.00772	±2.5	PASS	40℃
12	10.0	23060	704.0	QPSK	50@0	-0.49	-0.00069	±2.5	PASS	50℃

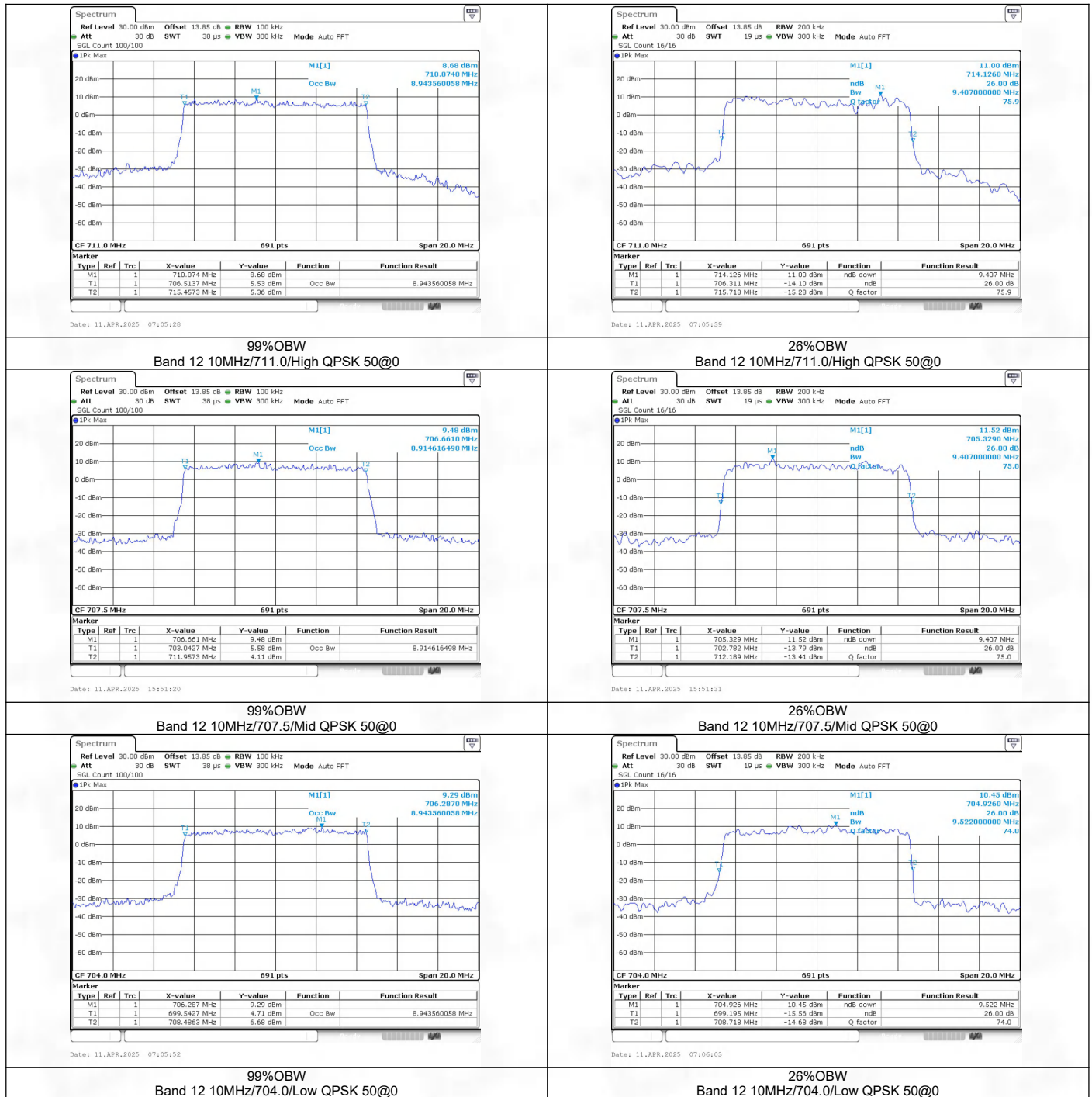
4.Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
12	1.4	23173	715.3	QPSK	6@0	1.0738	1.252	PASS
12	1.4	23095	707.5	QPSK	6@0	1.0819	1.289	PASS
12	1.4	23017	699.7	QPSK	6@0	1.0738	1.228	PASS
12	3.0	23165	714.5	QPSK	15@0	2.6831	2.917	PASS
12	3.0	23095	707.5	QPSK	15@0	2.6831	2.883	PASS
12	3.0	23025	700.5	QPSK	15@0	2.6918	2.883	PASS
12	5.0	23155	713.5	QPSK	25@0	4.4718	4.805	PASS
12	5.0	23095	707.5	QPSK	25@0	4.4718	4.805	PASS
12	5.0	23035	701.5	QPSK	25@0	4.4718	4.935	PASS
12	10.0	23130	711.0	QPSK	50@0	8.9436	9.407	PASS
12	10.0	23095	707.5	QPSK	50@0	8.9146	9.407	PASS
12	10.0	23060	704.0	QPSK	50@0	8.9436	9.522	PASS



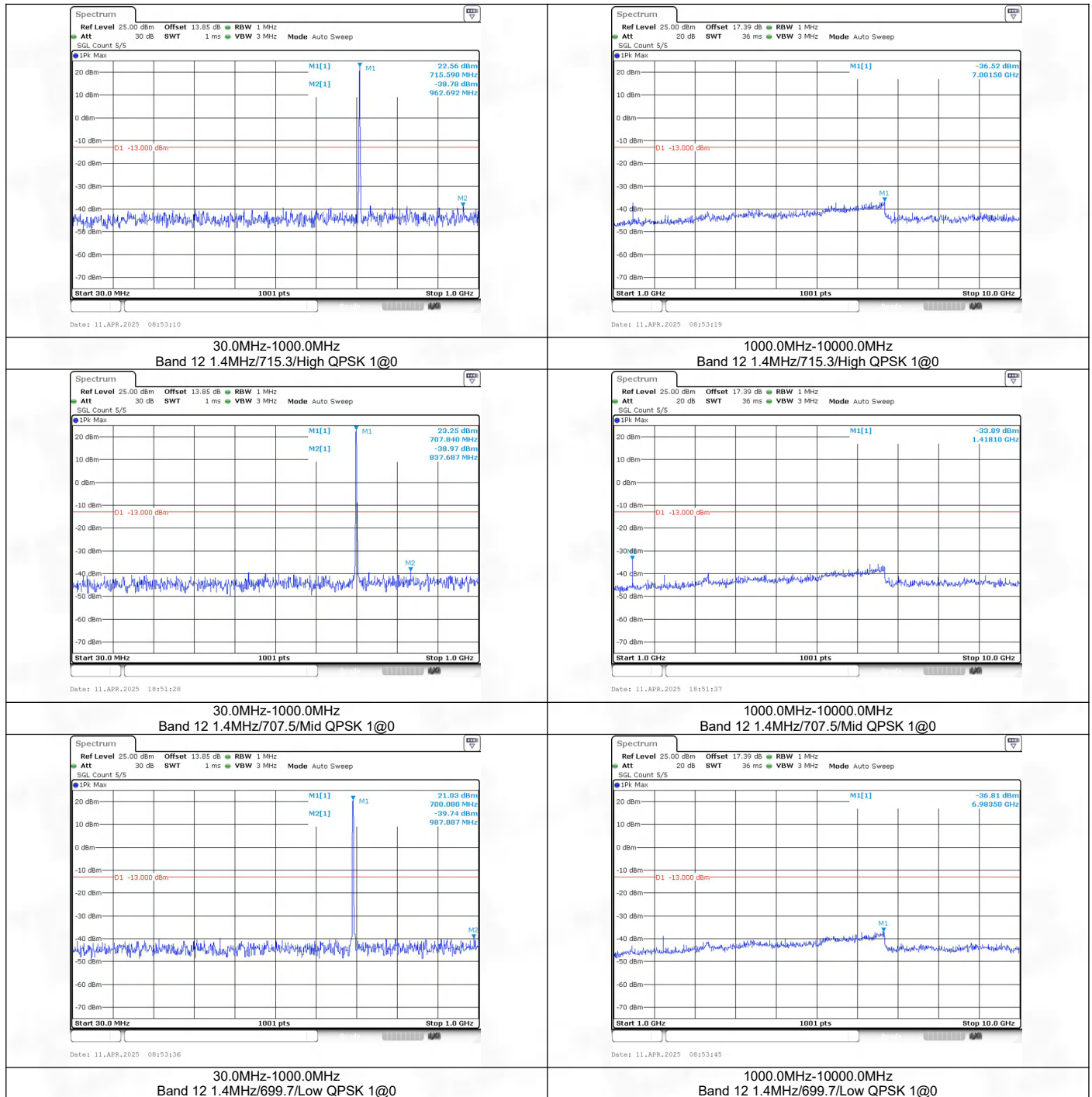


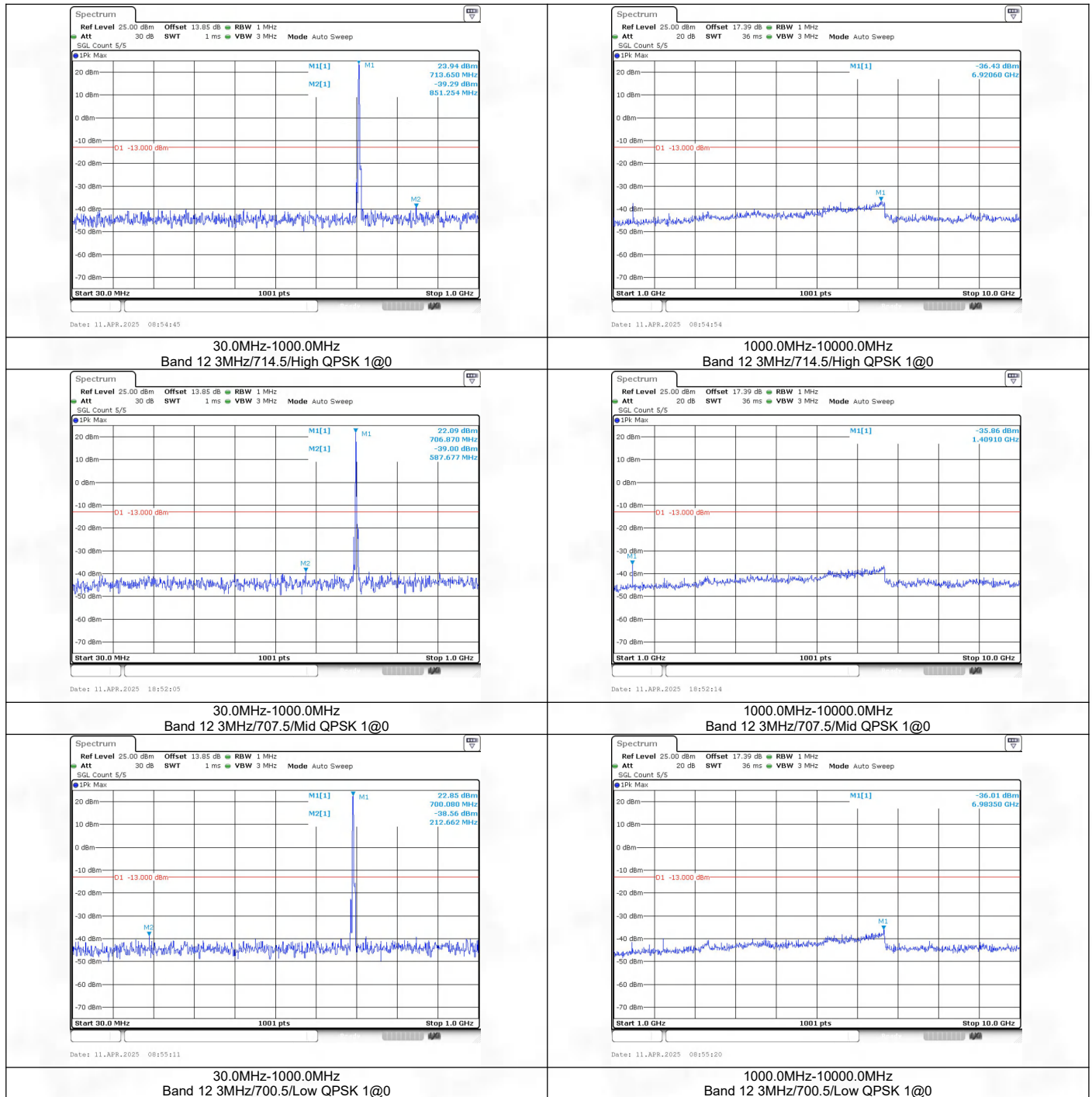


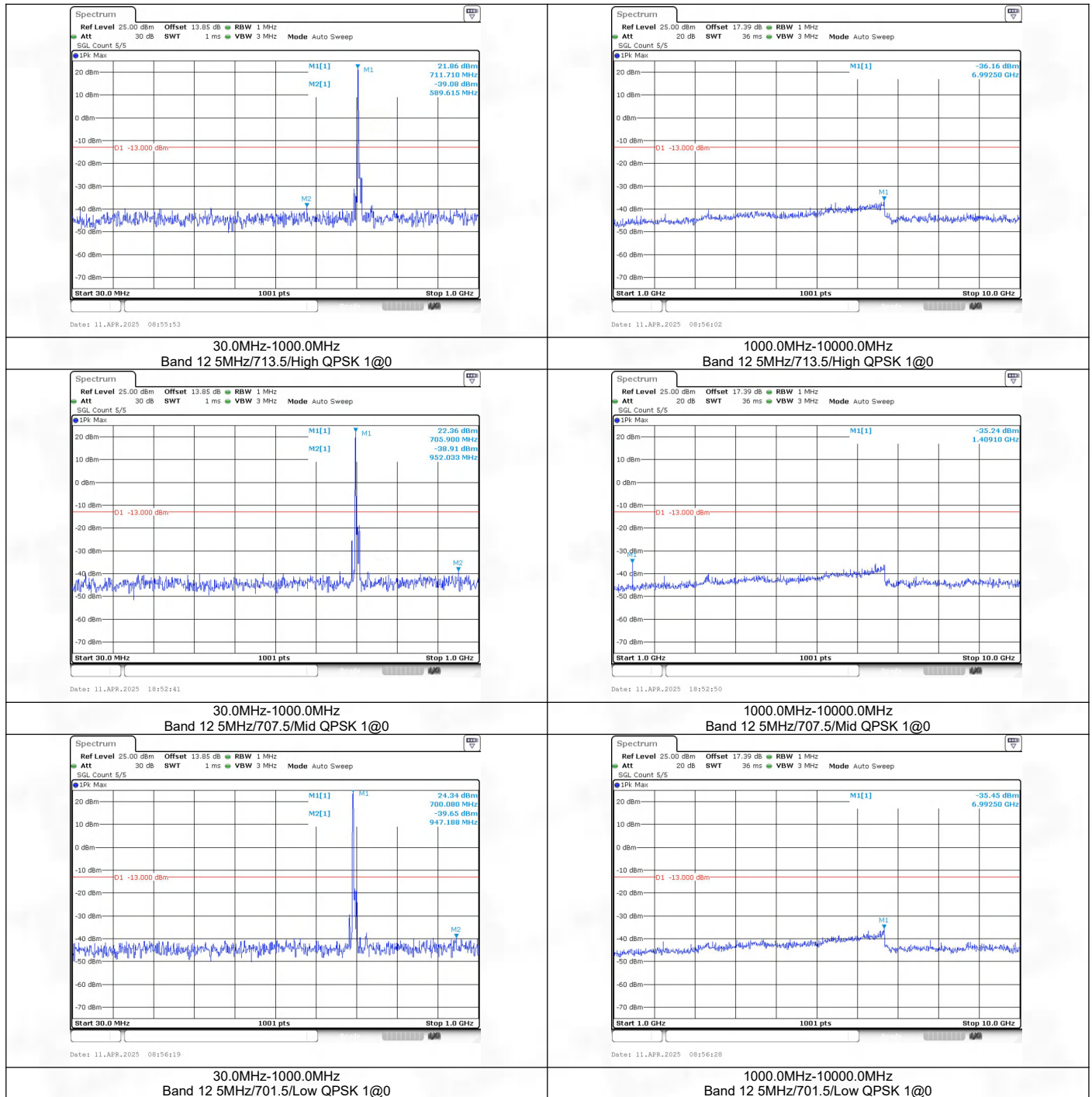


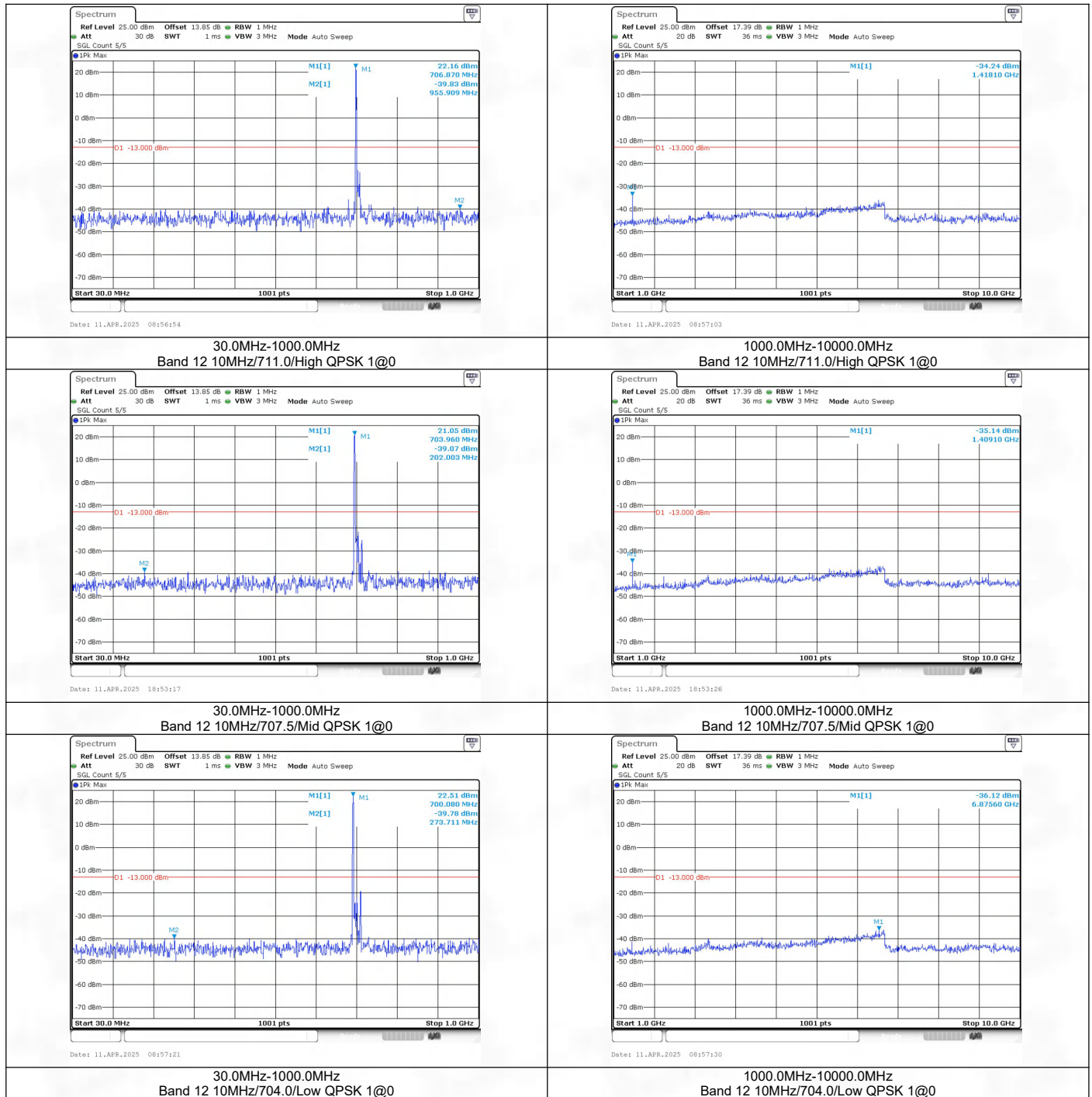
5. Conducted Spurious Emissions

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit (dBm)	Verdict
12	1.4	23173	715.3	QPSK	1@0	30	1000	-38.78	-13	PASS
12	1.4	23173	715.3	QPSK	1@0	1000	10000	-36.52	-13	PASS
12	1.4	23095	707.5	QPSK	1@0	30	1000	-38.97	-13	PASS
12	1.4	23095	707.5	QPSK	1@0	1000	10000	-33.89	-13	PASS
12	1.4	23017	699.7	QPSK	1@0	30	1000	-39.74	-13	PASS
12	1.4	23017	699.7	QPSK	1@0	1000	10000	-36.81	-13	PASS
12	3.0	23095	707.5	QPSK	1@0	30	1000	-39.0	-13	PASS
12	3.0	23095	707.5	QPSK	1@0	1000	10000	-35.86	-13	PASS
12	3.0	23165	714.5	QPSK	1@0	30	1000	-39.29	-13	PASS
12	3.0	23165	714.5	QPSK	1@0	1000	10000	-36.43	-13	PASS
12	3.0	23025	700.5	QPSK	1@0	30	1000	-38.56	-13	PASS
12	3.0	23025	700.5	QPSK	1@0	1000	10000	-36.01	-13	PASS
12	5.0	23155	713.5	QPSK	1@0	30	1000	-39.08	-13	PASS
12	5.0	23155	713.5	QPSK	1@0	1000	10000	-36.16	-13	PASS
12	5.0	23095	707.5	QPSK	1@0	30	1000	-38.91	-13	PASS
12	5.0	23095	707.5	QPSK	1@0	1000	10000	-35.24	-13	PASS
12	5.0	23035	701.5	QPSK	1@0	30	1000	-39.65	-13	PASS
12	5.0	23035	701.5	QPSK	1@0	1000	10000	-35.45	-13	PASS
12	10.0	23130	711.0	QPSK	1@0	30	1000	-39.83	-13	PASS
12	10.0	23130	711.0	QPSK	1@0	1000	10000	-34.24	-13	PASS
12	10.0	23095	707.5	QPSK	1@0	30	1000	-39.07	-13	PASS
12	10.0	23095	707.5	QPSK	1@0	1000	10000	-35.14	-13	PASS
12	10.0	23060	704.0	QPSK	1@0	30	1000	-39.78	-13	PASS
12	10.0	23060	704.0	QPSK	1@0	1000	10000	-36.12	-13	PASS



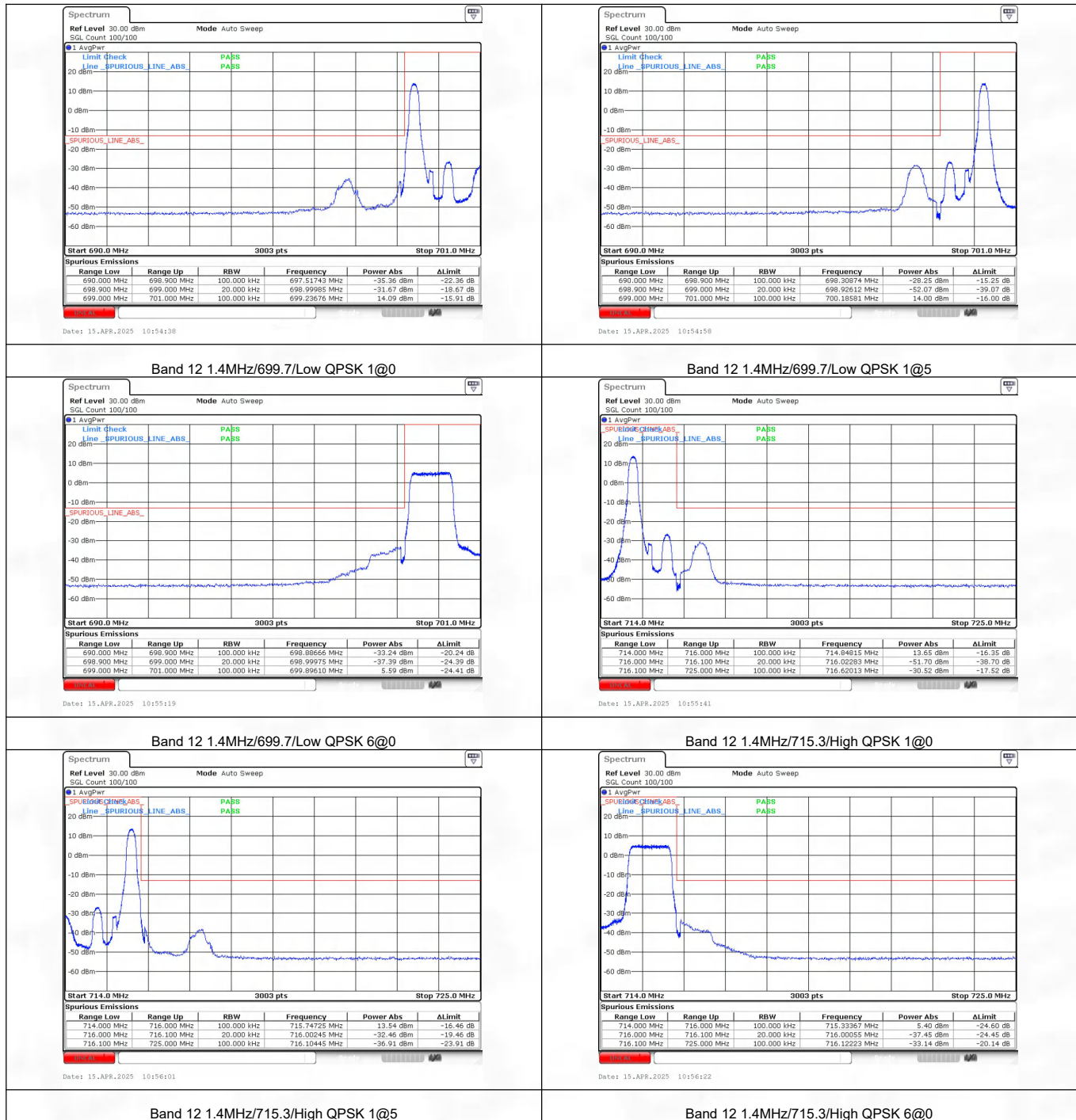


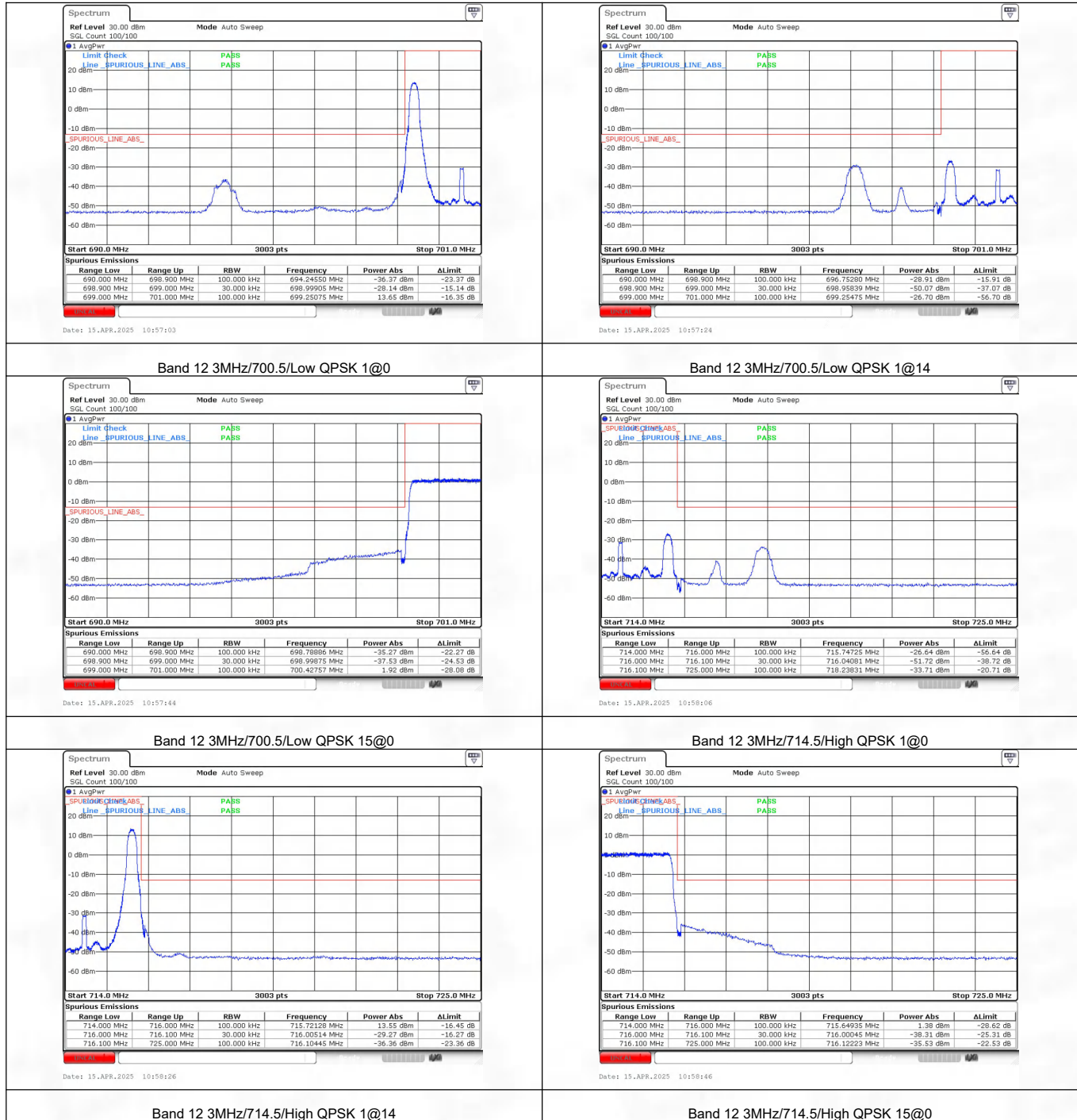


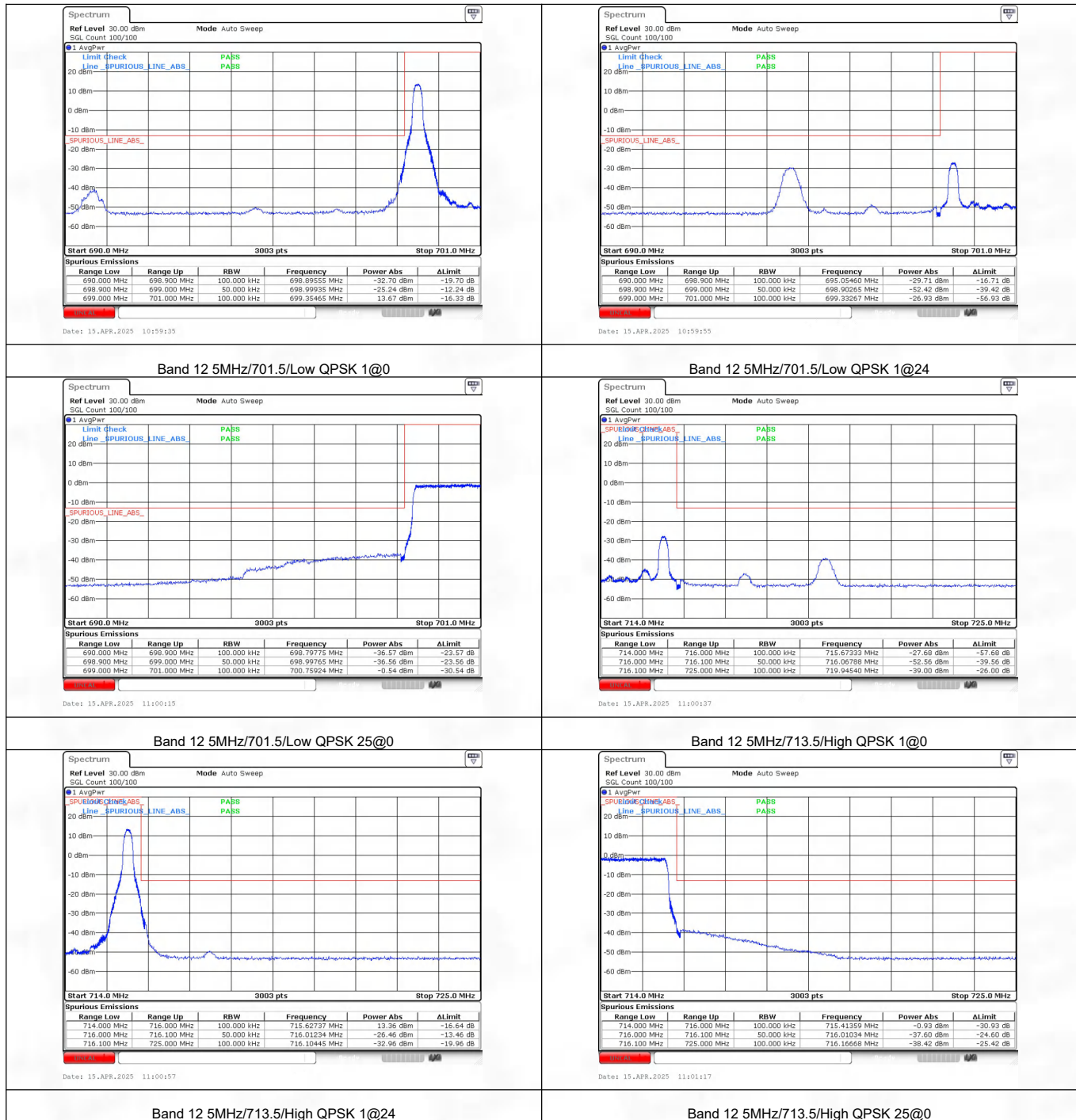


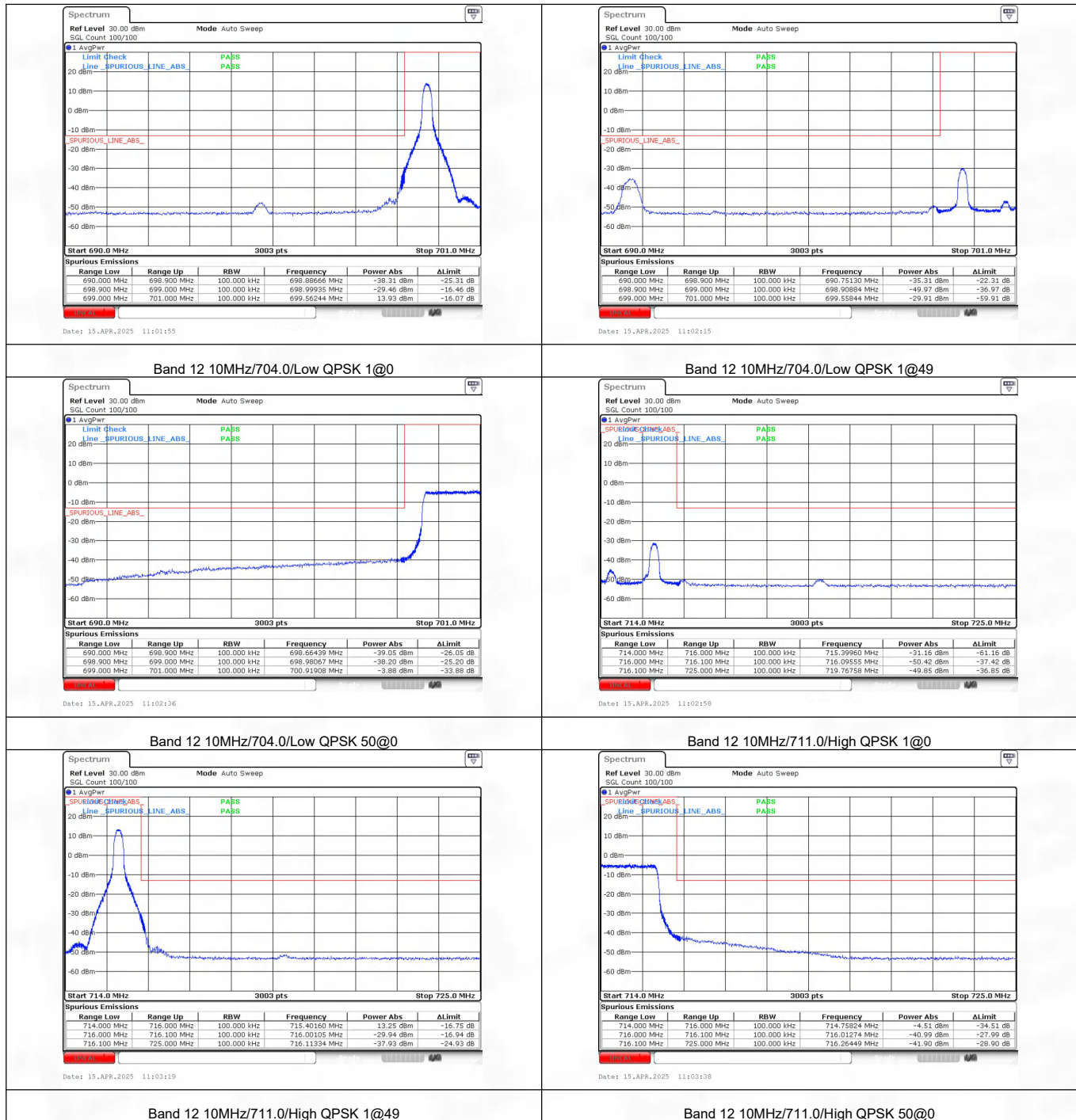
6. Conducted Band Edge

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result	Verdict
12	1.4	23017	699.7	QPSK	1@0	see graph	PASS
12	1.4	23017	699.7	QPSK	1@5	see graph	PASS
12	1.4	23017	699.7	QPSK	6@0	see graph	PASS
12	1.4	23173	715.3	QPSK	1@0	see graph	PASS
12	1.4	23173	715.3	QPSK	1@5	see graph	PASS
12	1.4	23173	715.3	QPSK	6@0	see graph	PASS
12	3.0	23025	700.5	QPSK	1@0	see graph	PASS
12	3.0	23025	700.5	QPSK	1@14	see graph	PASS
12	3.0	23025	700.5	QPSK	15@0	see graph	PASS
12	3.0	23165	714.5	QPSK	1@0	see graph	PASS
12	3.0	23165	714.5	QPSK	1@14	see graph	PASS
12	3.0	23165	714.5	QPSK	15@0	see graph	PASS
12	5.0	23035	701.5	QPSK	1@0	see graph	PASS
12	5.0	23035	701.5	QPSK	1@24	see graph	PASS
12	5.0	23035	701.5	QPSK	25@0	see graph	PASS
12	5.0	23155	713.5	QPSK	1@0	see graph	PASS
12	5.0	23155	713.5	QPSK	1@24	see graph	PASS
12	5.0	23155	713.5	QPSK	25@0	see graph	PASS
12	10.0	23060	704.0	QPSK	1@0	see graph	PASS
12	10.0	23060	704.0	QPSK	1@49	see graph	PASS
12	10.0	23060	704.0	QPSK	50@0	see graph	PASS
12	10.0	23130	711.0	QPSK	1@0	see graph	PASS
12	10.0	23130	711.0	QPSK	1@49	see graph	PASS
12	10.0	23130	711.0	QPSK	50@0	see graph	PASS









Band 12 10MHz/711.0/High QPSK 1@49

Band 12 10MHz/711.0/High QPSK 50@0

7.Modulation Characteristics

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Verdict
12	1.4	23173	715.3	QPSK	6@0	PASS
12	1.4	23095	707.5	QPSK	6@0	PASS
12	1.4	23017	699.7	QPSK	6@0	PASS
12	3.0	23165	714.5	QPSK	15@0	PASS
12	3.0	23095	707.5	QPSK	15@0	PASS
12	3.0	23025	700.5	QPSK	15@0	PASS
12	5.0	23155	713.5	QPSK	25@0	PASS
12	5.0	23095	707.5	QPSK	25@0	PASS
12	5.0	23035	701.5	QPSK	25@0	PASS
12	10.0	23130	711.0	QPSK	50@0	PASS
12	10.0	23095	707.5	QPSK	50@0	PASS
12	10.0	23060	704.0	QPSK	50@0	PASS



