

Appendix H test data:

H1.Transmitter Conducted Output Power And ERP/EIRP

Band	BW (MHz)	CH	Freq (MHz)	Modulation	RB	Conducted Power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	ERP/EIRP(Limit) (dBm)	Verdict
12	1.4	23017	699.7	QPSK	1@0	21.9	17.25	0.0531	34.77	PASS
12	1.4	23017	699.7	QPSK	1@2	22.06	17.41	0.0551	34.77	PASS
12	1.4	23017	699.7	QPSK	1@5	21.94	17.29	0.0536	34.77	PASS
12	1.4	23017	699.7	QPSK	3@0	22.15	17.5	0.0563	34.77	PASS
12	1.4	23017	699.7	QPSK	3@1	22.12	17.47	0.0558	34.77	PASS
12	1.4	23017	699.7	QPSK	3@2	22.13	17.48	0.056	34.77	PASS
12	1.4	23017	699.7	QPSK	6@0	21.12	16.47	0.0444	34.77	PASS
12	1.4	23017	699.7	16QAM	1@0	20.82	16.17	0.0414	34.77	PASS
12	1.4	23017	699.7	16QAM	1@2	20.78	16.13	0.041	34.77	PASS
12	1.4	23017	699.7	16QAM	1@5	20.84	16.19	0.0416	34.77	PASS
12	1.4	23017	699.7	16QAM	3@0	21.13	16.48	0.0445	34.77	PASS
12	1.4	23017	699.7	16QAM	3@1	21.17	16.52	0.0449	34.77	PASS
12	1.4	23017	699.7	16QAM	3@2	21.19	16.54	0.0451	34.77	PASS
12	1.4	23017	699.7	16QAM	6@0	20.29	15.64	0.0366	34.77	PASS
12	1.4	23095	707.5	QPSK	1@0	21.99	17.34	0.0542	34.77	PASS
12	1.4	23095	707.5	QPSK	1@2	22.0	17.35	0.0543	34.77	PASS
12	1.4	23095	707.5	QPSK	1@5	21.92	17.27	0.0533	34.77	PASS
12	1.4	23095	707.5	QPSK	3@0	22.21	17.56	0.057	34.77	PASS
12	1.4	23095	707.5	QPSK	3@1	22.17	17.52	0.0564	34.77	PASS
12	1.4	23095	707.5	QPSK	3@2	22.21	17.56	0.057	34.77	PASS
12	1.4	23095	707.5	QPSK	6@0	21.25	16.6	0.0458	34.77	PASS
12	1.4	23095	707.5	16QAM	1@0	21.17	16.52	0.0448	34.77	PASS
12	1.4	23095	707.5	16QAM	1@2	21.19	16.54	0.0451	34.77	PASS
12	1.4	23095	707.5	16QAM	1@5	21.06	16.41	0.0438	34.77	PASS
12	1.4	23095	707.5	16QAM	3@0	21.19	16.54	0.0451	34.77	PASS
12	1.4	23095	707.5	16QAM	3@1	21.21	16.56	0.0453	34.77	PASS
12	1.4	23095	707.5	16QAM	3@2	21.22	16.57	0.0454	34.77	PASS
12	1.4	23095	707.5	16QAM	6@0	20.19	15.54	0.0358	34.77	PASS
12	1.4	23173	715.3	QPSK	1@0	22.1	17.45	0.0555	34.77	PASS
12	1.4	23173	715.3	QPSK	1@2	22.22	17.57	0.0571	34.77	PASS
12	1.4	23173	715.3	QPSK	1@5	22.0	17.35	0.0543	34.77	PASS
12	1.4	23173	715.3	QPSK	3@0	22.02	17.37	0.0546	34.77	PASS
12	1.4	23173	715.3	QPSK	3@1	22.09	17.44	0.0554	34.77	PASS
12	1.4	23173	715.3	QPSK	3@2	22.04	17.39	0.0548	34.77	PASS
12	1.4	23173	715.3	QPSK	6@0	21.2	16.55	0.0451	34.77	PASS



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12	1.4	23173	715.3	16QAM	1@0	20.79	16.14	0.0411	34.77	PASS
12	1.4	23173	715.3	16QAM	1@2	20.92	16.27	0.0424	34.77	PASS
12	1.4	23173	715.3	16QAM	1@5	20.8	16.15	0.0412	34.77	PASS
12	1.4	23173	715.3	16QAM	3@0	21.21	16.56	0.0453	34.77	PASS
12	1.4	23173	715.3	16QAM	3@1	21.13	16.48	0.0445	34.77	PASS
12	1.4	23173	715.3	16QAM	3@2	21.2	16.55	0.0452	34.77	PASS
12	1.4	23173	715.3	16QAM	6@0	20.19	15.54	0.0358	34.77	PASS
12	3.0	23025	700.5	QPSK	1@0	21.86	17.21	0.0525	34.77	PASS
12	3.0	23025	700.5	QPSK	1@7	21.89	17.24	0.053	34.77	PASS
12	3.0	23025	700.5	QPSK	1@14	21.85	17.2	0.0525	34.77	PASS
12	3.0	23025	700.5	QPSK	8@0	21.09	16.44	0.044	34.77	PASS
12	3.0	23025	700.5	QPSK	8@4	21.05	16.4	0.0437	34.77	PASS
12	3.0	23025	700.5	QPSK	8@7	21.05	16.4	0.0437	34.77	PASS
12	3.0	23025	700.5	QPSK	15@0	21.06	16.41	0.0438	34.77	PASS
12	3.0	23025	700.5	16QAM	1@0	21.35	16.7	0.0468	34.77	PASS
12	3.0	23025	700.5	16QAM	1@7	21.37	16.72	0.047	34.77	PASS
12	3.0	23025	700.5	16QAM	1@14	21.17	16.52	0.0449	34.77	PASS
12	3.0	23025	700.5	16QAM	8@0	20.2	15.55	0.0359	34.77	PASS
12	3.0	23025	700.5	16QAM	8@4	20.12	15.47	0.0352	34.77	PASS
12	3.0	23025	700.5	16QAM	8@7	20.17	15.52	0.0357	34.77	PASS
12	3.0	23025	700.5	16QAM	15@0	20.11	15.46	0.0352	34.77	PASS
12	3.0	23095	707.5	QPSK	1@0	21.82	17.17	0.0522	34.77	PASS
12	3.0	23095	707.5	QPSK	1@7	21.83	17.18	0.0522	34.77	PASS
12	3.0	23095	707.5	QPSK	1@14	21.82	17.17	0.0521	34.77	PASS
12	3.0	23095	707.5	QPSK	8@0	21.14	16.49	0.0446	34.77	PASS
12	3.0	23095	707.5	QPSK	8@4	21.13	16.48	0.0444	34.77	PASS
12	3.0	23095	707.5	QPSK	8@7	21.05	16.4	0.0436	34.77	PASS
12	3.0	23095	707.5	QPSK	15@0	21.02	16.37	0.0433	34.77	PASS
12	3.0	23095	707.5	16QAM	1@0	20.85	16.2	0.0417	34.77	PASS
12	3.0	23095	707.5	16QAM	1@7	21.01	16.36	0.0432	34.77	PASS
12	3.0	23095	707.5	16QAM	1@14	21.04	16.39	0.0435	34.77	PASS
12	3.0	23095	707.5	16QAM	8@0	20.14	15.49	0.0354	34.77	PASS
12	3.0	23095	707.5	16QAM	8@4	20.03	15.38	0.0345	34.77	PASS
12	3.0	23095	707.5	16QAM	8@7	19.99	15.34	0.0342	34.77	PASS
12	3.0	23095	707.5	16QAM	15@0	20.05	15.4	0.0347	34.77	PASS
12	3.0	23165	714.5	QPSK	1@0	21.94	17.29	0.0536	34.77	PASS
12	3.0	23165	714.5	QPSK	1@7	22.01	17.36	0.0545	34.77	PASS
12	3.0	23165	714.5	QPSK	1@14	21.85	17.2	0.0525	34.77	PASS
12	3.0	23165	714.5	QPSK	8@0	21.15	16.5	0.0446	34.77	PASS
12	3.0	23165	714.5	QPSK	8@4	21.12	16.47	0.0444	34.77	PASS
12	3.0	23165	714.5	QPSK	8@7	21.21	16.56	0.0453	34.77	PASS
12	3.0	23165	714.5	QPSK	15@0	21.03	16.38	0.0435	34.77	PASS
12	3.0	23165	714.5	16QAM	1@0	20.61	15.96	0.0394	34.77	PASS



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12	3.0	23165	714.5	16QAM	1@7	20.71	16.06	0.0404	34.77	PASS
12	3.0	23165	714.5	16QAM	1@14	20.62	15.97	0.0395	34.77	PASS
12	3.0	23165	714.5	16QAM	8@0	20.2	15.55	0.0359	34.77	PASS
12	3.0	23165	714.5	16QAM	8@4	20.2	15.55	0.0359	34.77	PASS
12	3.0	23165	714.5	16QAM	8@7	20.19	15.54	0.0358	34.77	PASS
12	3.0	23165	714.5	16QAM	15@0	19.99	15.34	0.0342	34.77	PASS
12	5.0	23035	701.5	QPSK	1@0	22.07	17.42	0.0553	34.77	PASS
12	5.0	23035	701.5	QPSK	1@12	22.21	17.56	0.0571	34.77	PASS
12	5.0	23035	701.5	QPSK	1@24	22.09	17.44	0.0554	34.77	PASS
12	5.0	23035	701.5	QPSK	12@0	21.07	16.42	0.0438	34.77	PASS
12	5.0	23035	701.5	QPSK	12@6	21.17	16.52	0.0448	34.77	PASS
12	5.0	23035	701.5	QPSK	12@11	21.02	16.37	0.0433	34.77	PASS
12	5.0	23035	701.5	QPSK	25@0	21.18	16.53	0.045	34.77	PASS
12	5.0	23035	701.5	16QAM	1@0	21.22	16.57	0.0454	34.77	PASS
12	5.0	23035	701.5	16QAM	1@12	21.29	16.64	0.0462	34.77	PASS
12	5.0	23035	701.5	16QAM	1@24	21.29	16.64	0.0462	34.77	PASS
12	5.0	23035	701.5	16QAM	12@0	20.13	15.48	0.0353	34.77	PASS
12	5.0	23035	701.5	16QAM	12@6	20.08	15.43	0.035	34.77	PASS
12	5.0	23035	701.5	16QAM	12@11	20.08	15.43	0.0349	34.77	PASS
12	5.0	23035	701.5	16QAM	25@0	20.18	15.53	0.0357	34.77	PASS
12	5.0	23095	707.5	QPSK	1@0	22.03	17.38	0.0547	34.77	PASS
12	5.0	23095	707.5	QPSK	1@12	22.2	17.55	0.0569	34.77	PASS
12	5.0	23095	707.5	QPSK	1@24	22.13	17.48	0.0559	34.77	PASS
12	5.0	23095	707.5	QPSK	12@0	21.27	16.62	0.0459	34.77	PASS
12	5.0	23095	707.5	QPSK	12@6	21.18	16.53	0.045	34.77	PASS
12	5.0	23095	707.5	QPSK	12@11	21.22	16.57	0.0454	34.77	PASS
12	5.0	23095	707.5	QPSK	25@0	21.11	16.46	0.0443	34.77	PASS
12	5.0	23095	707.5	16QAM	1@0	20.8	16.15	0.0413	34.77	PASS
12	5.0	23095	707.5	16QAM	1@12	20.95	16.3	0.0426	34.77	PASS
12	5.0	23095	707.5	16QAM	1@24	20.91	16.26	0.0423	34.77	PASS
12	5.0	23095	707.5	16QAM	12@0	20.25	15.6	0.0363	34.77	PASS
12	5.0	23095	707.5	16QAM	12@6	20.18	15.53	0.0357	34.77	PASS
12	5.0	23095	707.5	16QAM	12@11	20.22	15.57	0.0361	34.77	PASS
12	5.0	23095	707.5	16QAM	25@0	20.26	15.61	0.0364	34.77	PASS
12	5.0	23155	713.5	QPSK	1@0	22.18	17.53	0.0566	34.77	PASS
12	5.0	23155	713.5	QPSK	1@12	22.43	17.78	0.06	34.77	PASS
12	5.0	23155	713.5	QPSK	1@24	22.27	17.62	0.0577	34.77	PASS
12	5.0	23155	713.5	QPSK	12@0	21.13	16.48	0.0444	34.77	PASS
12	5.0	23155	713.5	QPSK	12@6	21.2	16.55	0.0451	34.77	PASS
12	5.0	23155	713.5	QPSK	12@11	21.16	16.51	0.0448	34.77	PASS
12	5.0	23155	713.5	QPSK	25@0	21.19	16.54	0.0451	34.77	PASS
12	5.0	23155	713.5	16QAM	1@0	21.49	16.84	0.0483	34.77	PASS
12	5.0	23155	713.5	16QAM	1@12	21.58	16.93	0.0494	34.77	PASS



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12	5.0	23155	713.5	16QAM	1@24	21.45	16.8	0.0478	34.77	PASS
12	5.0	23155	713.5	16QAM	12@0	20.18	15.53	0.0357	34.77	PASS
12	5.0	23155	713.5	16QAM	12@6	20.08	15.43	0.0349	34.77	PASS
12	5.0	23155	713.5	16QAM	12@11	20.18	15.53	0.0357	34.77	PASS
12	5.0	23155	713.5	16QAM	25@0	20.25	15.6	0.0363	34.77	PASS
12	10.0	23060	704.0	QPSK	1@0	22.2	17.55	0.0569	34.77	PASS
12	10.0	23060	704.0	QPSK	1@24	22.19	17.54	0.0568	34.77	PASS
12	10.0	23060	704.0	QPSK	1@49	22.25	17.6	0.0575	34.77	PASS
12	10.0	23060	704.0	QPSK	25@0	20.99	16.34	0.0431	34.77	PASS
12	10.0	23060	704.0	QPSK	25@12	20.99	16.34	0.0431	34.77	PASS
12	10.0	23060	704.0	QPSK	25@24	21.04	16.39	0.0436	34.77	PASS
12	10.0	23060	704.0	QPSK	50@0	21.16	16.51	0.0448	34.77	PASS
12	10.0	23060	704.0	16QAM	1@0	20.93	16.28	0.0424	34.77	PASS
12	10.0	23060	704.0	16QAM	1@24	20.99	16.34	0.043	34.77	PASS
12	10.0	23060	704.0	16QAM	1@49	20.95	16.3	0.0426	34.77	PASS
12	10.0	23060	704.0	16QAM	25@0	20.09	15.44	0.035	34.77	PASS
12	10.0	23060	704.0	16QAM	25@12	20.02	15.37	0.0344	34.77	PASS
12	10.0	23060	704.0	16QAM	25@24	20.03	15.38	0.0345	34.77	PASS
12	10.0	23060	704.0	16QAM	50@0	20.14	15.49	0.0354	34.77	PASS
12	10.0	23095	707.5	QPSK	1@0	22.09	17.44	0.0555	34.77	PASS
12	10.0	23095	707.5	QPSK	1@24	22.26	17.61	0.0577	34.77	PASS
12	10.0	23095	707.5	QPSK	1@49	22.13	17.48	0.0559	34.77	PASS
12	10.0	23095	707.5	QPSK	25@0	21.07	16.42	0.0438	34.77	PASS
12	10.0	23095	707.5	QPSK	25@12	21.19	16.54	0.0451	34.77	PASS
12	10.0	23095	707.5	QPSK	25@24	21.15	16.5	0.0446	34.77	PASS
12	10.0	23095	707.5	QPSK	50@0	21.13	16.48	0.0445	34.77	PASS
12	10.0	23095	707.5	16QAM	1@0	21.62	16.97	0.0498	34.77	PASS
12	10.0	23095	707.5	16QAM	1@24	21.7	17.05	0.0507	34.77	PASS
12	10.0	23095	707.5	16QAM	1@49	21.61	16.96	0.0496	34.77	PASS
12	10.0	23095	707.5	16QAM	25@0	20.17	15.52	0.0357	34.77	PASS
12	10.0	23095	707.5	16QAM	25@12	20.16	15.51	0.0356	34.77	PASS
12	10.0	23095	707.5	16QAM	25@24	20.18	15.53	0.0357	34.77	PASS
12	10.0	23095	707.5	16QAM	50@0	20.13	15.48	0.0353	34.77	PASS
12	10.0	23130	711.0	QPSK	1@0	22.09	17.44	0.0555	34.77	PASS
12	10.0	23130	711.0	QPSK	1@24	22.2	17.55	0.0569	34.77	PASS
12	10.0	23130	711.0	QPSK	1@49	22.13	17.48	0.056	34.77	PASS
12	10.0	23130	711.0	QPSK	25@0	21.27	16.62	0.0459	34.77	PASS
12	10.0	23130	711.0	QPSK	25@12	21.23	16.58	0.0455	34.77	PASS
12	10.0	23130	711.0	QPSK	25@24	21.27	16.62	0.046	34.77	PASS
12	10.0	23130	711.0	QPSK	50@0	21.26	16.61	0.0458	34.77	PASS
12	10.0	23130	711.0	16QAM	1@0	21.24	16.59	0.0456	34.77	PASS
12	10.0	23130	711.0	16QAM	1@24	21.28	16.63	0.046	34.77	PASS
12	10.0	23130	711.0	16QAM	1@49	21.22	16.57	0.0454	34.77	PASS

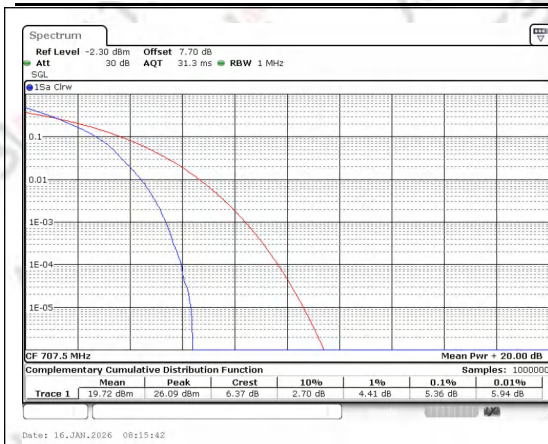


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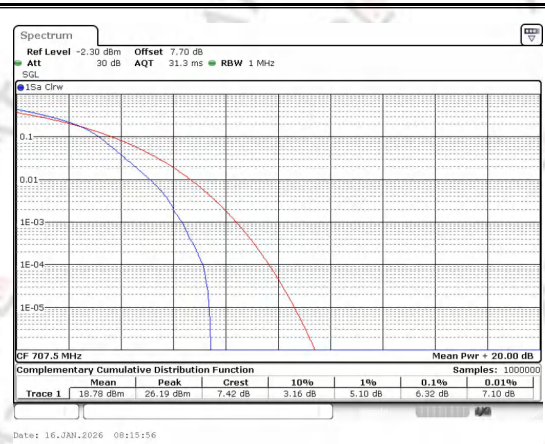
12	10.0	23130	711.0	16QAM	25@0	20.39	15.74	0.0375	34.77	PASS
12	10.0	23130	711.0	16QAM	25@12	20.31	15.66	0.0368	34.77	PASS
12	10.0	23130	711.0	16QAM	25@24	20.46	15.81	0.0381	34.77	PASS
12	10.0	23130	711.0	16QAM	50@0	20.34	15.69	0.0371	34.77	PASS

H2.Peak to Average Ratio

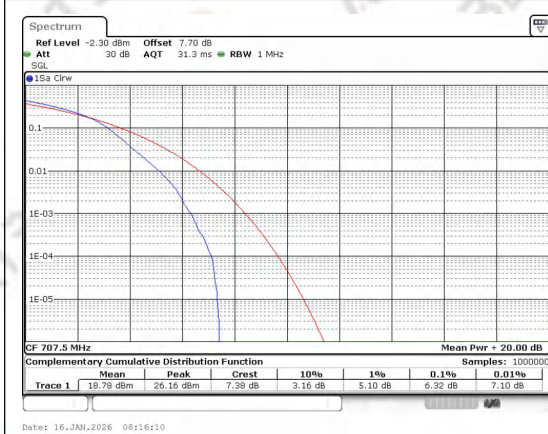
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	1.4	23095	707.5	QPSK	6@0	5.36	13	PASS
12	1.4	23095	707.5	16QAM	6@0	6.32	13	PASS
12	1.4	23095	707.5	64QAM	6@0	6.32	13	PASS
12	3.0	23095	707.5	QPSK	15@0	5.36	13	PASS
12	3.0	23095	707.5	16QAM	15@0	6.43	13	PASS
12	3.0	23095	707.5	64QAM	15@0	6.43	13	PASS
12	5.0	23095	707.5	QPSK	25@0	5.51	13	PASS
12	5.0	23095	707.5	16QAM	25@0	6.35	13	PASS
12	5.0	23095	707.5	64QAM	25@0	6.35	13	PASS
12	10.0	23095	707.5	QPSK	50@0	5.28	13	PASS
12	10.0	23095	707.5	16QAM	50@0	6.29	13	PASS
12	10.0	23095	707.5	64QAM	50@0	6.29	13	PASS



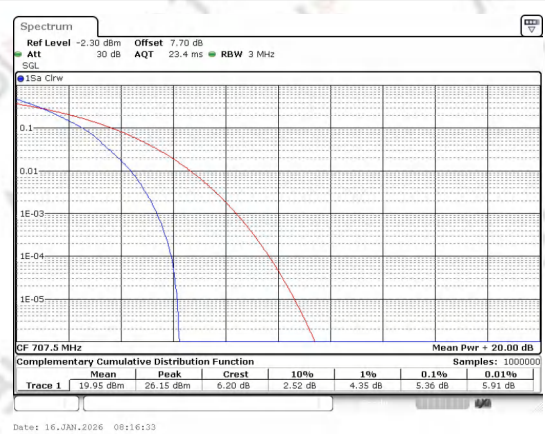
Band 12 1.4MHz/707.5/Mid QPSK 6@0



Band 12 1.4MHz/707.5/Mid 16QAM 6@0



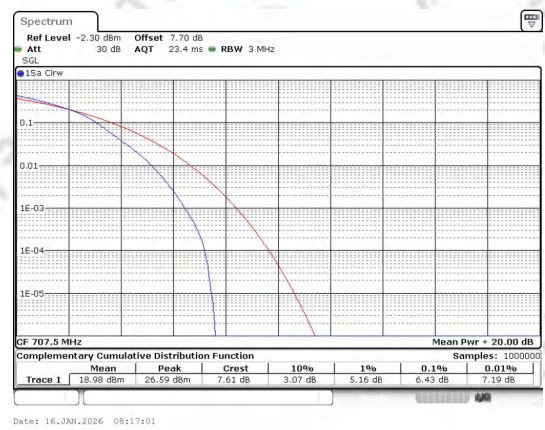
Band 12 1.4MHz/707.5/Mid 64QAM 6@0



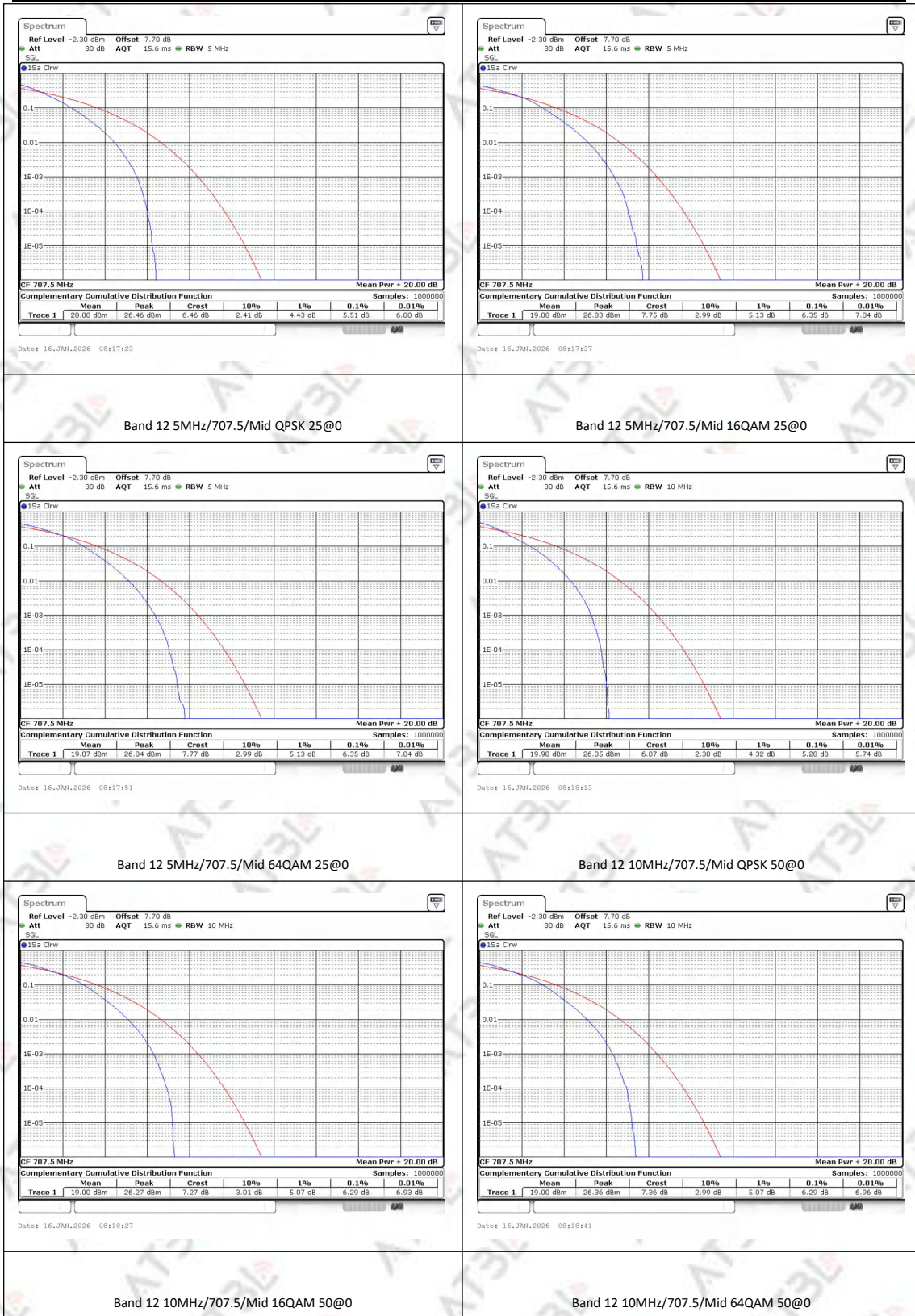
Band 12 3MHz/707.5/Mid QPSK 15@0



Band 12 3MHz/707.5/Mid 16QAM 15@0

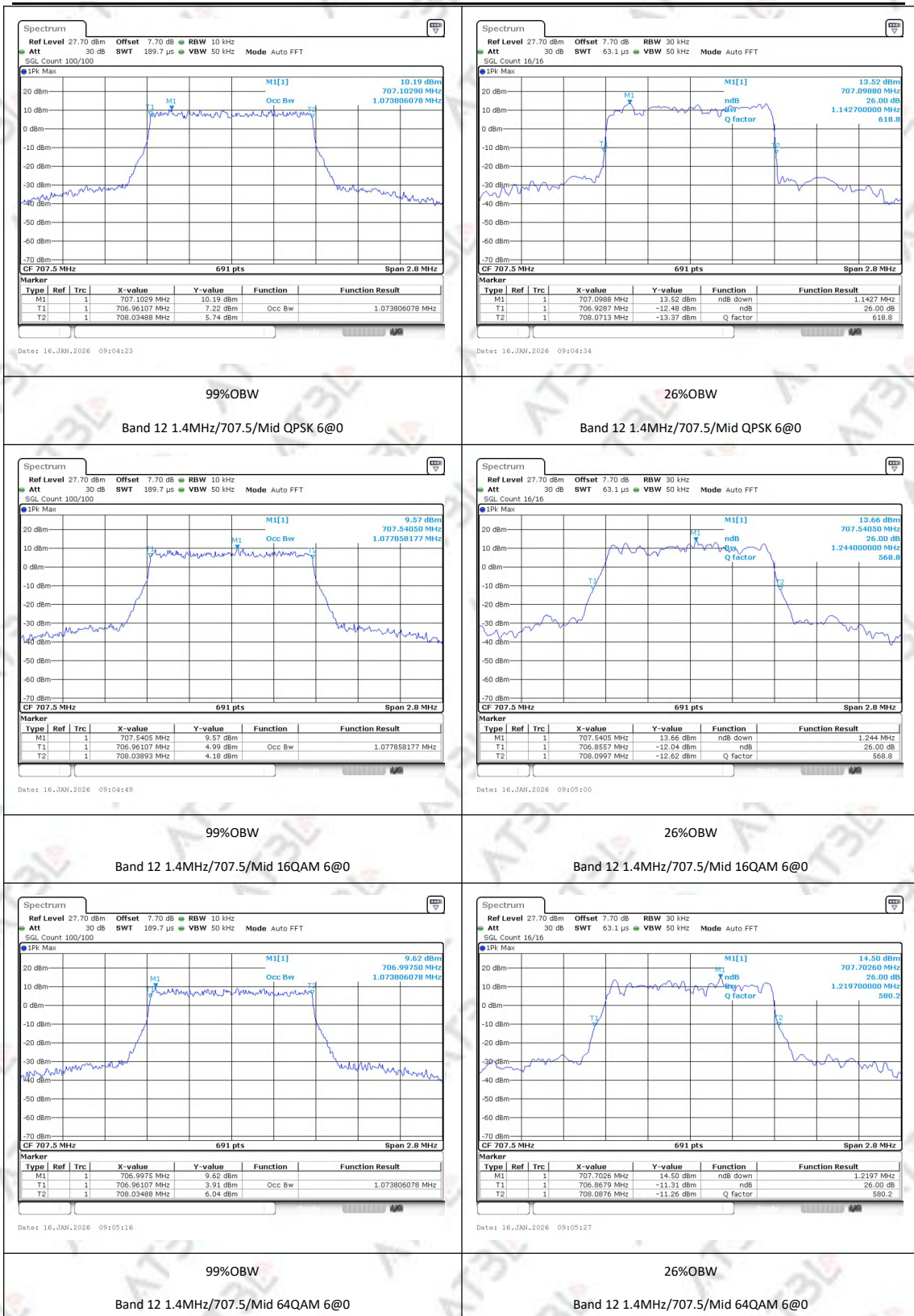


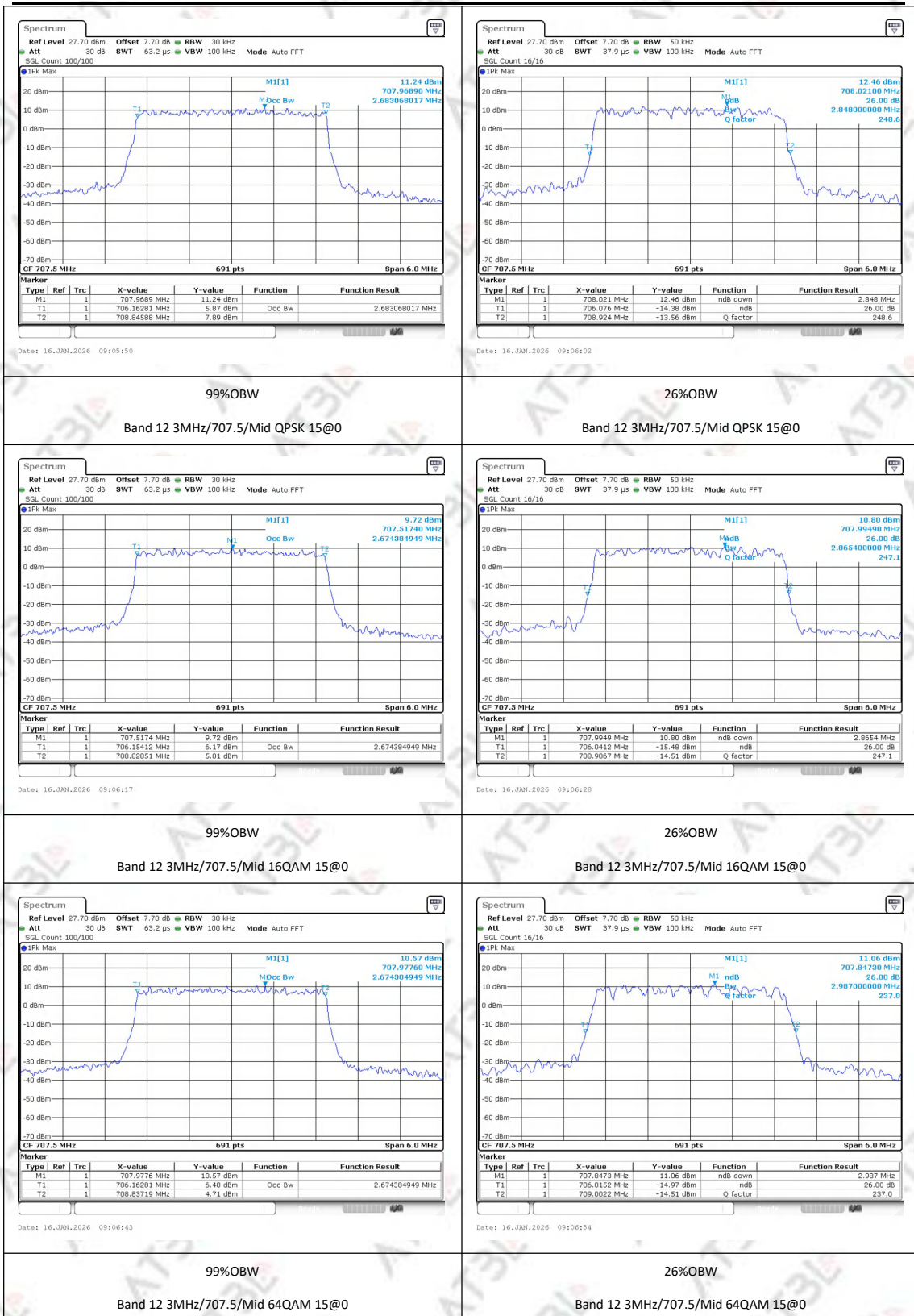
Band 12 3MHz/707.5/Mid 64QAM 15@0

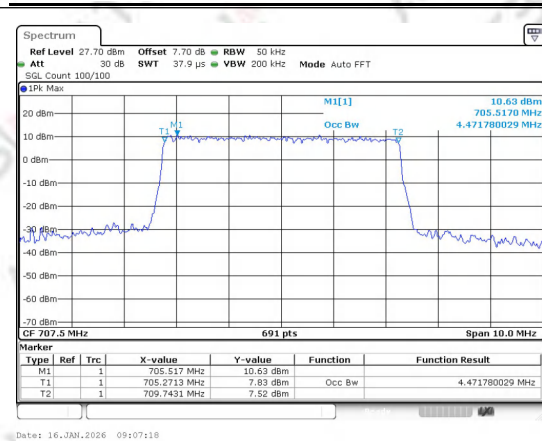


H3.Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
12	1.4	23095	707.5	QPSK	6@0	1.0738	1.143	PASS
12	1.4	23095	707.5	16QAM	6@0	1.0779	1.244	PASS
12	1.4	23095	707.5	64QAM	6@0	1.0738	1.220	PASS
12	3.0	23095	707.5	QPSK	15@0	2.6831	2.848	PASS
12	3.0	23095	707.5	16QAM	15@0	2.6744	2.865	PASS
12	3.0	23095	707.5	64QAM	15@0	2.6744	2.987	PASS
12	5.0	23095	707.5	QPSK	25@0	4.4718	4.790	PASS
12	5.0	23095	707.5	16QAM	25@0	4.4718	4.703	PASS
12	5.0	23095	707.5	64QAM	25@0	4.4863	4.761	PASS
12	10.0	23095	707.5	QPSK	50@0	8.9146	9.522	PASS
12	10.0	23095	707.5	16QAM	50@0	8.9436	9.522	PASS
12	10.0	23095	707.5	64QAM	50@0	8.9436	9.436	PASS

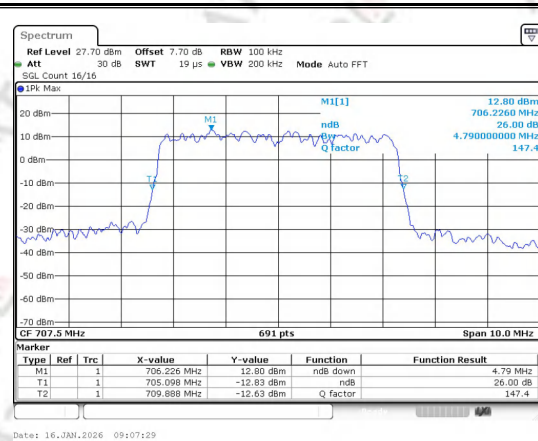






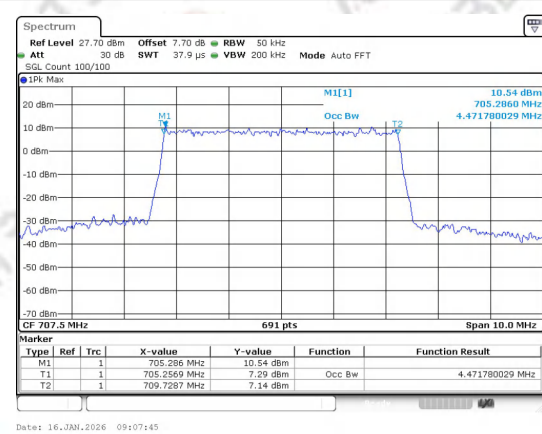
99%OBW

Band 12 5MHz/707.5/Mid QPSK 25@0



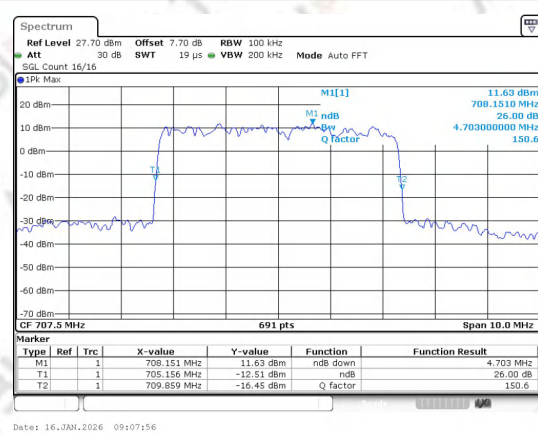
26%OBW

Band 12 5MHz/707.5/Mid QPSK 25@0



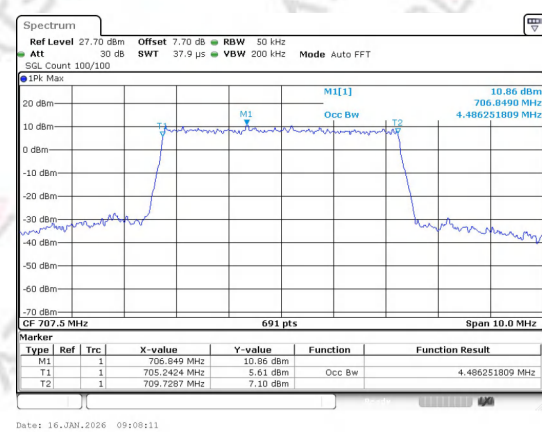
99%OBW

Band 12 5MHz/707.5/Mid 16QAM 25@0



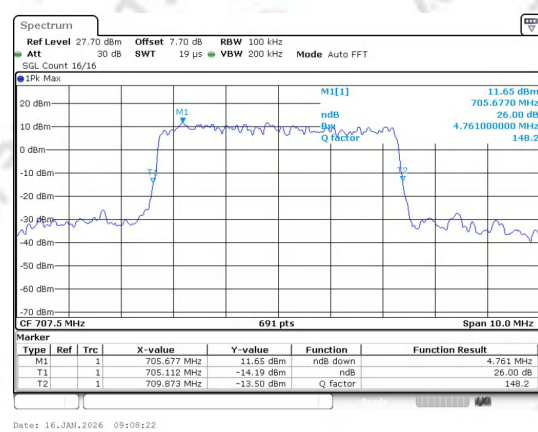
26%OBW

Band 12 5MHz/707.5/Mid 16QAM 25@0



99%OBW

Band 12 5MHz/707.5/Mid 64QAM 25@0



26%OBW

Band 12 5MHz/707.5/Mid 64QAM 25@0