

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
5	1.4	20407	824.7	QPSK	1@0	22.84	16.85	0.0484	38.45	PASS
5	1.4	20407	824.7	QPSK	1@2	22.89	16.9	0.049	38.45	PASS
5	1.4	20407	824.7	QPSK	1@5	22.89	16.9	0.049	38.45	PASS
5	1.4	20407	824.7	QPSK	3@0	23.08	17.09	0.0512	38.45	PASS
5	1.4	20407	824.7	QPSK	3@1	22.91	16.92	0.0493	38.45	PASS
5	1.4	20407	824.7	QPSK	3@2	23.04	17.05	0.0507	38.45	PASS
5	1.4	20407	824.7	QPSK	6@0	22.15	16.16	0.0413	38.45	PASS
5	1.4	20407	824.7	16QAM	1@0	21.71	15.72	0.0373	38.45	PASS
5	1.4	20407	824.7	16QAM	1@2	22.2	16.21	0.0418	38.45	PASS
5	1.4	20407	824.7	16QAM	1@5	21.51	15.52	0.0356	38.45	PASS
5	1.4	20407	824.7	16QAM	3@0	22.39	16.4	0.0437	38.45	PASS
5	1.4	20407	824.7	16QAM	3@1	22.0	16.01	0.0399	38.45	PASS
5	1.4	20407	824.7	16QAM	3@2	22.39	16.4	0.0437	38.45	PASS
5	1.4	20407	824.7	16QAM	6@0	21.34	15.35	0.0343	38.45	PASS
5	1.4	20525	836.5	QPSK	1@0	23.12	17.13	0.0517	38.45	PASS
5	1.4	20525	836.5	QPSK	1@2	23.13	17.14	0.0518	38.45	PASS
5	1.4	20525	836.5	QPSK	1@5	23.08	17.09	0.0512	38.45	PASS
5	1.4	20525	836.5	QPSK	3@0	23.4	17.41	0.0551	38.45	PASS
5	1.4	20525	836.5	QPSK	3@1	23.4	17.41	0.055	38.45	PASS
5	1.4	20525	836.5	QPSK	3@2	23.4	17.41	0.055	38.45	PASS
5	1.4	20525	836.5	QPSK	6@0	22.28	16.29	0.0425	38.45	PASS
5	1.4	20525	836.5	16QAM	1@0	23.02	17.03	0.0505	38.45	PASS
5	1.4	20525	836.5	16QAM	1@2	22.73	16.74	0.0473	38.45	PASS
5	1.4	20525	836.5	16QAM	1@5	23.18	17.19	0.0523	38.45	PASS
5	1.4	20525	836.5	16QAM	3@0	22.09	16.1	0.0407	38.45	PASS
5	1.4	20525	836.5	16QAM	3@1	22.67	16.68	0.0465	38.45	PASS
5	1.4	20525	836.5	16QAM	3@2	22.1	16.11	0.0408	38.45	PASS
5	1.4	20525	836.5	16QAM	6@0	21.64	15.65	0.0368	38.45	PASS
5	1.4	20643	848.3	QPSK	1@0	23.55	17.56	0.057	38.45	PASS
5	1.4	20643	848.3	QPSK	1@2	23.6	17.61	0.0577	38.45	PASS
5	1.4	20643	848.3	QPSK	1@5	23.6	17.61	0.0577	38.45	PASS
5	1.4	20643	848.3	QPSK	3@0	23.6	17.61	0.0577	38.45	PASS
5	1.4	20643	848.3	QPSK	3@1	23.61	17.62	0.0578	38.45	PASS
5	1.4	20643	848.3	QPSK	3@2	23.6	17.61	0.0576	38.45	PASS
5	1.4	20643	848.3	QPSK	6@0	22.68	16.69	0.0467	38.45	PASS

5	1.4	20643	848.3	16QAM	1@0	23.99	18.0	0.0631	38.45	PASS
5	1.4	20643	848.3	16QAM	1@2	23.81	17.82	0.0606	38.45	PASS
5	1.4	20643	848.3	16QAM	1@5	24.08	18.09	0.0645	38.45	PASS
5	1.4	20643	848.3	16QAM	3@0	22.67	16.68	0.0465	38.45	PASS
5	1.4	20643	848.3	16QAM	3@1	22.55	16.56	0.0453	38.45	PASS
5	1.4	20643	848.3	16QAM	3@2	22.55	16.56	0.0453	38.45	PASS
5	1.4	20643	848.3	16QAM	6@0	21.74	15.75	0.0376	38.45	PASS
5	3.0	20415	825.5	QPSK	1@0	22.87	16.88	0.0488	38.45	PASS
5	3.0	20415	825.5	QPSK	1@7	22.91	16.92	0.0493	38.45	PASS
5	3.0	20415	825.5	QPSK	1@14	22.98	16.99	0.0501	38.45	PASS
5	3.0	20415	825.5	QPSK	8@0	22.08	16.09	0.0407	38.45	PASS
5	3.0	20415	825.5	QPSK	8@4	22.06	16.07	0.0404	38.45	PASS
5	3.0	20415	825.5	QPSK	8@7	22.18	16.19	0.0416	38.45	PASS
5	3.0	20415	825.5	QPSK	15@0	22.09	16.1	0.0408	38.45	PASS
5	3.0	20415	825.5	16QAM	1@0	21.53	15.54	0.0358	38.45	PASS
5	3.0	20415	825.5	16QAM	1@7	21.56	15.57	0.036	38.45	PASS
5	3.0	20415	825.5	16QAM	1@14	21.64	15.65	0.0367	38.45	PASS
5	3.0	20415	825.5	16QAM	8@0	21.42	15.43	0.0349	38.45	PASS
5	3.0	20415	825.5	16QAM	8@4	21.43	15.44	0.035	38.45	PASS
5	3.0	20415	825.5	16QAM	8@7	21.55	15.56	0.036	38.45	PASS
5	3.0	20415	825.5	16QAM	15@0	21.06	15.07	0.0321	38.45	PASS
5	3.0	20525	836.5	QPSK	1@0	23.23	17.24	0.053	38.45	PASS
5	3.0	20525	836.5	QPSK	1@7	23.18	17.19	0.0523	38.45	PASS
5	3.0	20525	836.5	QPSK	1@14	23.19	17.2	0.0525	38.45	PASS
5	3.0	20525	836.5	QPSK	8@0	22.29	16.3	0.0426	38.45	PASS
5	3.0	20525	836.5	QPSK	8@4	22.32	16.33	0.0429	38.45	PASS
5	3.0	20525	836.5	QPSK	8@7	22.46	16.47	0.0443	38.45	PASS
5	3.0	20525	836.5	QPSK	15@0	22.31	16.32	0.0429	38.45	PASS
5	3.0	20525	836.5	16QAM	1@0	23.31	17.32	0.0539	38.45	PASS
5	3.0	20525	836.5	16QAM	1@7	23.34	17.35	0.0544	38.45	PASS
5	3.0	20525	836.5	16QAM	1@14	23.27	17.28	0.0534	38.45	PASS
5	3.0	20525	836.5	16QAM	8@0	21.69	15.7	0.0372	38.45	PASS
5	3.0	20525	836.5	16QAM	8@4	21.71	15.72	0.0373	38.45	PASS
5	3.0	20525	836.5	16QAM	8@7	21.79	15.8	0.038	38.45	PASS
5	3.0	20525	836.5	16QAM	15@0	21.5	15.51	0.0356	38.45	PASS
5	3.0	20635	847.5	QPSK	1@0	23.48	17.49	0.0561	38.45	PASS
5	3.0	20635	847.5	QPSK	1@7	23.61	17.62	0.0578	38.45	PASS
5	3.0	20635	847.5	QPSK	1@14	23.5	17.51	0.0564	38.45	PASS
5	3.0	20635	847.5	QPSK	8@0	22.59	16.6	0.0457	38.45	PASS
5	3.0	20635	847.5	QPSK	8@4	22.6	16.61	0.0458	38.45	PASS
5	3.0	20635	847.5	QPSK	8@7	22.66	16.67	0.0465	38.45	PASS
5	3.0	20635	847.5	QPSK	15@0	22.53	16.54	0.0451	38.45	PASS

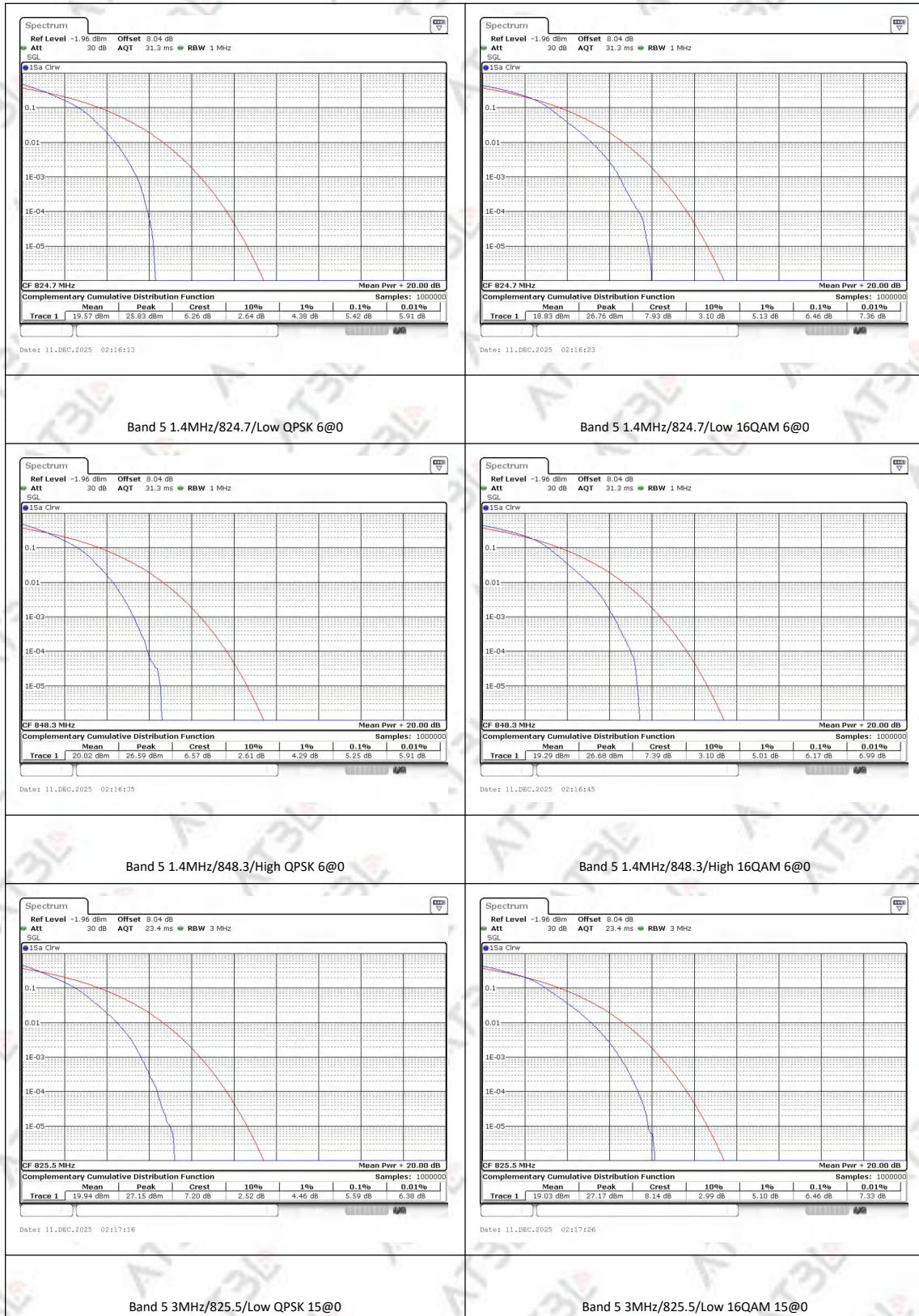
5	3.0	20635	847.5	16QAM	1@0	23.63	17.64	0.0581	38.45	PASS
5	3.0	20635	847.5	16QAM	1@7	23.62	17.63	0.0579	38.45	PASS
5	3.0	20635	847.5	16QAM	1@14	23.67	17.68	0.0586	38.45	PASS
5	3.0	20635	847.5	16QAM	8@0	21.72	15.73	0.0374	38.45	PASS
5	3.0	20635	847.5	16QAM	8@4	21.72	15.73	0.0374	38.45	PASS
5	3.0	20635	847.5	16QAM	8@7	21.8	15.81	0.0381	38.45	PASS
5	3.0	20635	847.5	16QAM	15@0	21.9	15.91	0.039	38.45	PASS
5	5.0	20425	826.5	QPSK	1@0	23.17	17.18	0.0523	38.45	PASS
5	5.0	20425	826.5	QPSK	1@12	23.17	17.18	0.0522	38.45	PASS
5	5.0	20425	826.5	QPSK	1@24	23.25	17.26	0.0532	38.45	PASS
5	5.0	20425	826.5	QPSK	12@0	22.03	16.04	0.0402	38.45	PASS
5	5.0	20425	826.5	QPSK	12@6	22.02	16.03	0.0401	38.45	PASS
5	5.0	20425	826.5	QPSK	12@11	22.01	16.02	0.04	38.45	PASS
5	5.0	20425	826.5	QPSK	25@0	22.26	16.27	0.0423	38.45	PASS
5	5.0	20425	826.5	16QAM	1@0	22.23	16.24	0.042	38.45	PASS
5	5.0	20425	826.5	16QAM	1@12	22.34	16.35	0.0432	38.45	PASS
5	5.0	20425	826.5	16QAM	1@24	22.34	16.35	0.0432	38.45	PASS
5	5.0	20425	826.5	16QAM	12@0	21.06	15.07	0.0321	38.45	PASS
5	5.0	20425	826.5	16QAM	12@6	21.08	15.09	0.0323	38.45	PASS
5	5.0	20425	826.5	16QAM	12@11	21.08	15.09	0.0323	38.45	PASS
5	5.0	20425	826.5	16QAM	25@0	21.18	15.19	0.0331	38.45	PASS
5	5.0	20525	836.5	QPSK	1@0	23.44	17.45	0.0556	38.45	PASS
5	5.0	20525	836.5	QPSK	1@12	23.73	17.74	0.0595	38.45	PASS
5	5.0	20525	836.5	QPSK	1@24	23.54	17.55	0.0568	38.45	PASS
5	5.0	20525	836.5	QPSK	12@0	22.2	16.21	0.0418	38.45	PASS
5	5.0	20525	836.5	QPSK	12@6	22.37	16.38	0.0434	38.45	PASS
5	5.0	20525	836.5	QPSK	12@11	22.38	16.39	0.0435	38.45	PASS
5	5.0	20525	836.5	QPSK	25@0	22.4	16.41	0.0437	38.45	PASS
5	5.0	20525	836.5	16QAM	1@0	21.7	15.71	0.0372	38.45	PASS
5	5.0	20525	836.5	16QAM	1@12	21.84	15.85	0.0384	38.45	PASS
5	5.0	20525	836.5	16QAM	1@24	21.92	15.93	0.0391	38.45	PASS
5	5.0	20525	836.5	16QAM	12@0	21.51	15.52	0.0357	38.45	PASS
5	5.0	20525	836.5	16QAM	12@6	21.38	15.39	0.0346	38.45	PASS
5	5.0	20525	836.5	16QAM	12@11	21.36	15.37	0.0344	38.45	PASS
5	5.0	20525	836.5	16QAM	25@0	21.54	15.55	0.0359	38.45	PASS
5	5.0	20625	846.5	QPSK	1@0	23.77	17.78	0.06	38.45	PASS
5	5.0	20625	846.5	QPSK	1@12	23.84	17.85	0.061	38.45	PASS
5	5.0	20625	846.5	QPSK	1@24	23.99	18.0	0.063	38.45	PASS
5	5.0	20625	846.5	QPSK	12@0	22.69	16.7	0.0468	38.45	PASS
5	5.0	20625	846.5	QPSK	12@6	22.7	16.71	0.0469	38.45	PASS
5	5.0	20625	846.5	QPSK	12@11	22.71	16.72	0.047	38.45	PASS
5	5.0	20625	846.5	QPSK	25@0	22.58	16.59	0.0456	38.45	PASS

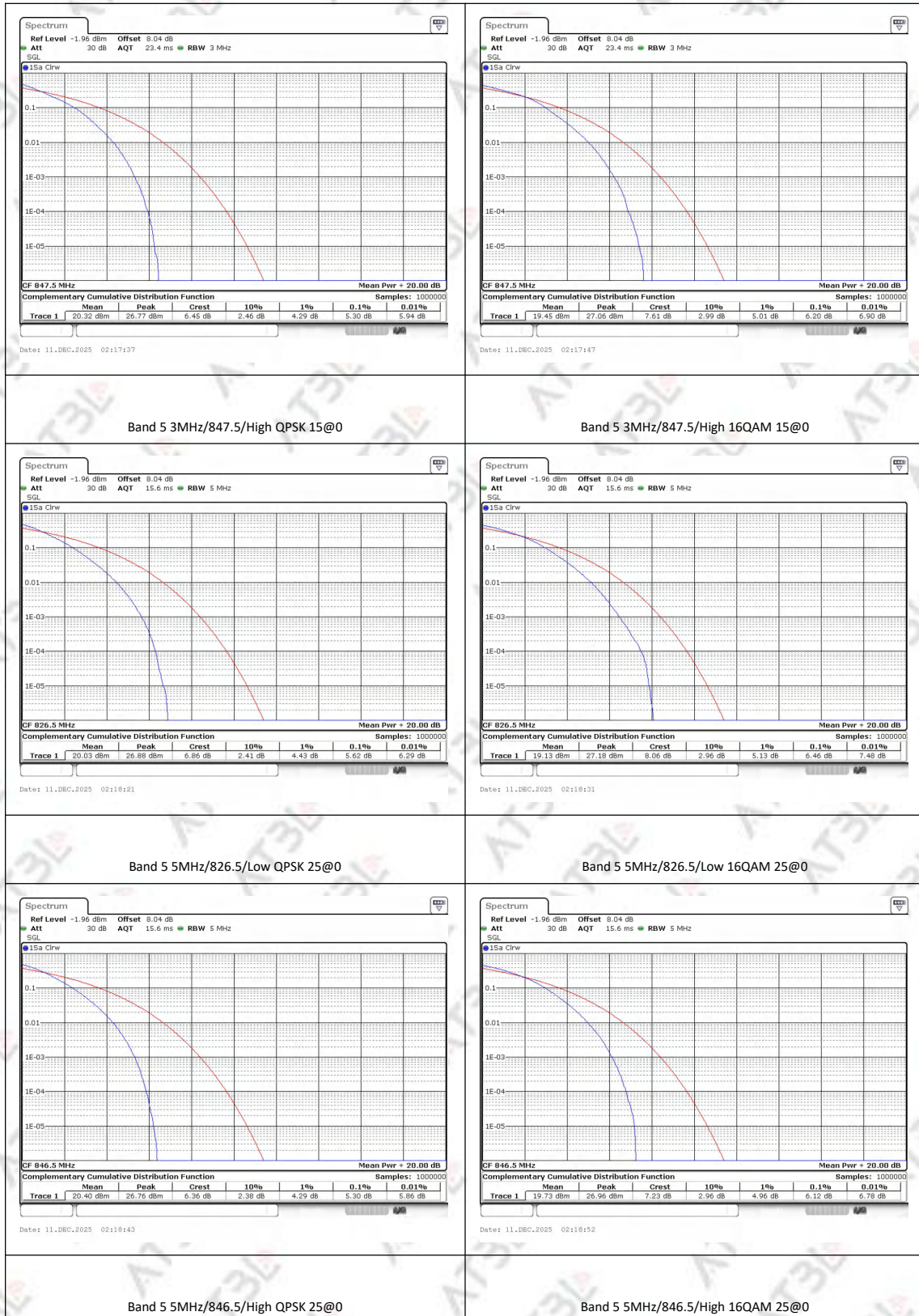
5	5.0	20625	846.5	16QAM	1@0	23.35	17.36	0.0545	38.45	PASS
5	5.0	20625	846.5	16QAM	1@12	23.49	17.5	0.0563	38.45	PASS
5	5.0	20625	846.5	16QAM	1@24	23.34	17.35	0.0543	38.45	PASS
5	5.0	20625	846.5	16QAM	12@0	21.65	15.66	0.0368	38.45	PASS
5	5.0	20625	846.5	16QAM	12@6	21.67	15.68	0.037	38.45	PASS
5	5.0	20625	846.5	16QAM	12@11	21.68	15.69	0.0371	38.45	PASS
5	5.0	20625	846.5	16QAM	25@0	21.57	15.58	0.0361	38.45	PASS
5	10.0	20450	829.0	QPSK	1@0	22.9	16.91	0.0491	38.45	PASS
5	10.0	20450	829.0	QPSK	1@24	22.93	16.94	0.0494	38.45	PASS
5	10.0	20450	829.0	QPSK	1@49	22.99	17.0	0.0501	38.45	PASS
5	10.0	20450	829.0	QPSK	25@0	22.25	16.26	0.0423	38.45	PASS
5	10.0	20450	829.0	QPSK	25@12	22.23	16.24	0.0421	38.45	PASS
5	10.0	20450	829.0	QPSK	25@24	22.21	16.22	0.0419	38.45	PASS
5	10.0	20450	829.0	QPSK	50@0	22.23	16.24	0.0421	38.45	PASS
5	10.0	20450	829.0	16QAM	1@0	21.55	15.56	0.036	38.45	PASS
5	10.0	20450	829.0	16QAM	1@24	22.28	16.29	0.0426	38.45	PASS
5	10.0	20450	829.0	16QAM	1@49	22.42	16.43	0.0439	38.45	PASS
5	10.0	20450	829.0	16QAM	25@0	21.33	15.34	0.0342	38.45	PASS
5	10.0	20450	829.0	16QAM	25@12	21.52	15.53	0.0357	38.45	PASS
5	10.0	20450	829.0	16QAM	25@24	21.61	15.62	0.0365	38.45	PASS
5	10.0	20450	829.0	16QAM	50@0	21.34	15.35	0.0342	38.45	PASS
5	10.0	20525	836.5	QPSK	1@0	23.08	17.09	0.0512	38.45	PASS
5	10.0	20525	836.5	QPSK	1@24	23.17	17.18	0.0523	38.45	PASS
5	10.0	20525	836.5	QPSK	1@49	23.45	17.46	0.0558	38.45	PASS
5	10.0	20525	836.5	QPSK	25@0	22.18	16.19	0.0415	38.45	PASS
5	10.0	20525	836.5	QPSK	25@12	22.19	16.2	0.0417	38.45	PASS
5	10.0	20525	836.5	QPSK	25@24	22.37	16.38	0.0435	38.45	PASS
5	10.0	20525	836.5	QPSK	50@0	22.33	16.34	0.043	38.45	PASS
5	10.0	20525	836.5	16QAM	1@0	22.84	16.85	0.0484	38.45	PASS
5	10.0	20525	836.5	16QAM	1@24	22.98	16.99	0.05	38.45	PASS
5	10.0	20525	836.5	16QAM	1@49	23.17	17.18	0.0522	38.45	PASS
5	10.0	20525	836.5	16QAM	25@0	21.38	15.39	0.0346	38.45	PASS
5	10.0	20525	836.5	16QAM	25@12	21.4	15.41	0.0348	38.45	PASS
5	10.0	20525	836.5	16QAM	25@24	21.42	15.43	0.0349	38.45	PASS
5	10.0	20525	836.5	16QAM	50@0	21.53	15.54	0.0358	38.45	PASS
5	10.0	20600	844.0	QPSK	1@0	23.4	17.41	0.0551	38.45	PASS
5	10.0	20600	844.0	QPSK	1@24	23.68	17.69	0.0588	38.45	PASS
5	10.0	20600	844.0	QPSK	1@49	23.75	17.76	0.0598	38.45	PASS
5	10.0	20600	844.0	QPSK	25@0	22.72	16.73	0.0471	38.45	PASS
5	10.0	20600	844.0	QPSK	25@12	22.56	16.57	0.0454	38.45	PASS
5	10.0	20600	844.0	QPSK	25@24	22.56	16.57	0.0454	38.45	PASS
5	10.0	20600	844.0	QPSK	50@0	22.47	16.48	0.0445	38.45	PASS

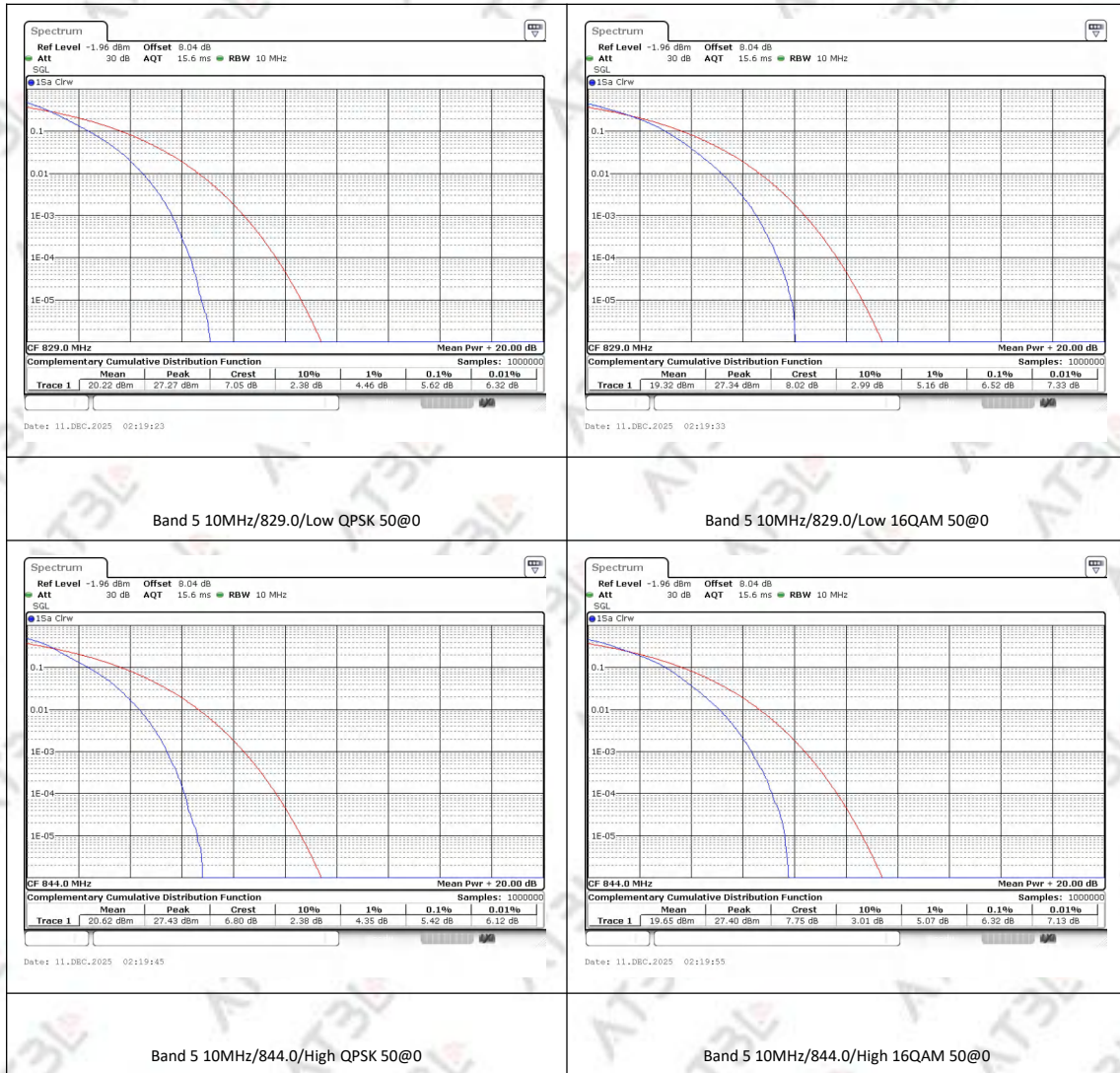
5	10.0	20600	844.0	16QAM	1@0	22.94	16.95	0.0496	38.45	PASS
5	10.0	20600	844.0	16QAM	1@24	23.23	17.24	0.053	38.45	PASS
5	10.0	20600	844.0	16QAM	1@49	23.31	17.32	0.0539	38.45	PASS
5	10.0	20600	844.0	16QAM	25@0	21.71	15.72	0.0373	38.45	PASS
5	10.0	20600	844.0	16QAM	25@12	21.74	15.75	0.0376	38.45	PASS
5	10.0	20600	844.0	16QAM	25@24	21.57	15.58	0.0361	38.45	PASS
5	10.0	20600	844.0	16QAM	50@0	21.62	15.63	0.0365	38.45	PASS

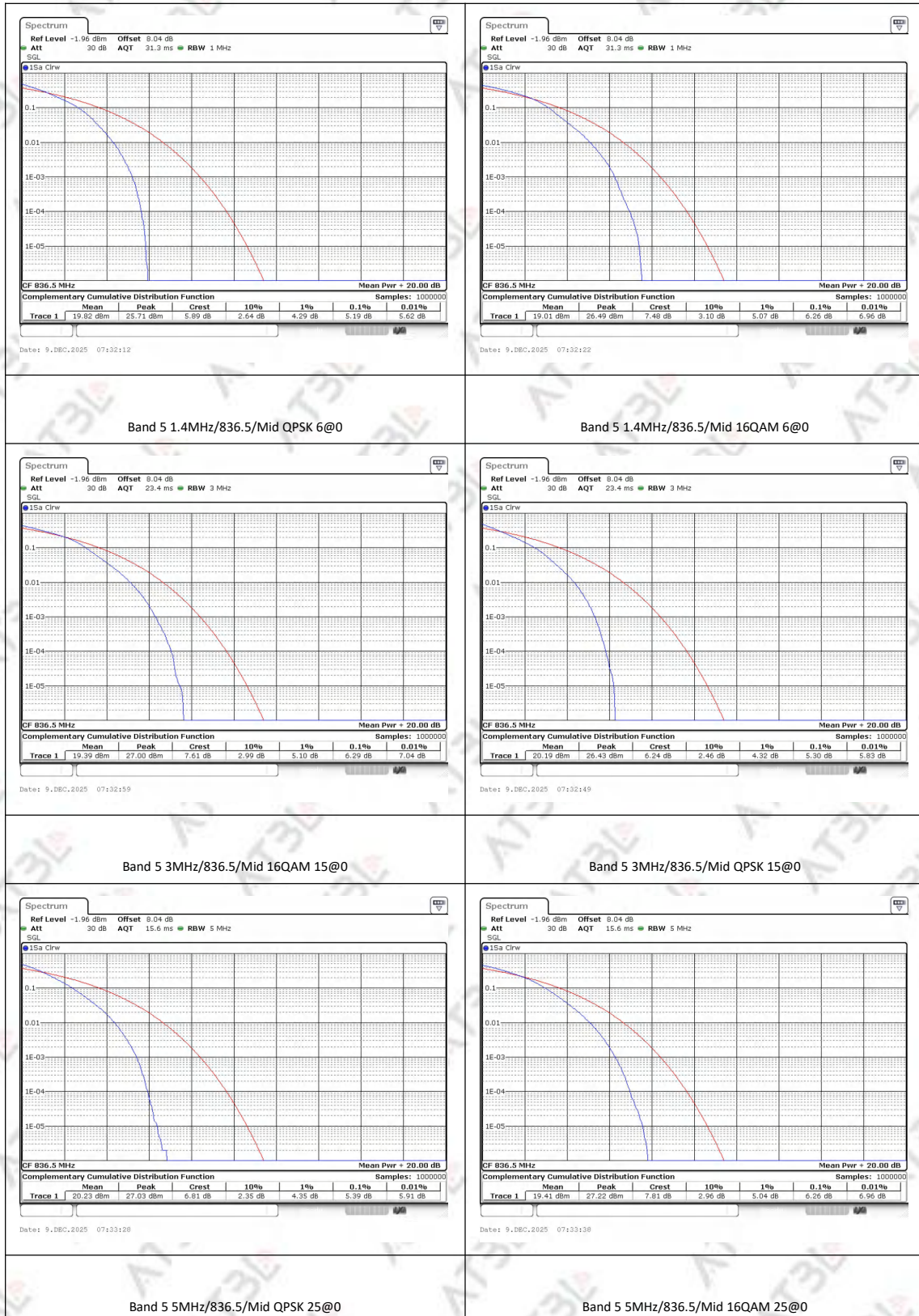
H2.Peak to Average Ratio

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5	1.4	20407	824.7	QPSK	6@0	5.42	13	PASS
5	1.4	20407	824.7	16QAM	6@0	6.46	13	PASS
5	1.4	20643	848.3	QPSK	6@0	5.25	13	PASS
5	1.4	20643	848.3	16QAM	6@0	6.17	13	PASS
5	1.4	20525	836.5	QPSK	6@0	5.19	13	PASS
5	1.4	20525	836.5	16QAM	6@0	6.26	13	PASS
5	3.0	20415	825.5	QPSK	15@0	5.59	13	PASS
5	3.0	20415	825.5	16QAM	15@0	6.46	13	PASS
5	3.0	20635	847.5	QPSK	15@0	5.3	13	PASS
5	3.0	20635	847.5	16QAM	15@0	6.2	13	PASS
5	3.0	20525	836.5	QPSK	15@0	5.3	13	PASS
5	3.0	20525	836.5	16QAM	15@0	6.29	13	PASS
5	5.0	20425	826.5	QPSK	25@0	5.62	13	PASS
5	5.0	20425	826.5	16QAM	25@0	6.46	13	PASS
5	5.0	20625	846.5	QPSK	25@0	5.3	13	PASS
5	5.0	20625	846.5	16QAM	25@0	6.12	13	PASS
5	5.0	20525	836.5	QPSK	25@0	5.39	13	PASS
5	5.0	20525	836.5	16QAM	25@0	6.26	13	PASS
5	10.0	20450	829.0	QPSK	50@0	5.62	13	PASS
5	10.0	20450	829.0	16QAM	50@0	6.52	13	PASS
5	10.0	20600	844.0	QPSK	50@0	5.42	13	PASS
5	10.0	20600	844.0	16QAM	50@0	6.32	13	PASS
5	10.0	20525	836.5	QPSK	50@0	5.54	13	PASS
5	10.0	20525	836.5	16QAM	50@0	6.38	13	PASS











H3.Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
5	1.4	20407	824.7	QPSK	6@0	1.0779	1.208	PASS
5	1.4	20407	824.7	16QAM	6@0	1.0779	1.216	PASS
5	1.4	20643	848.3	QPSK	6@0	1.0738	1.224	PASS
5	1.4	20643	848.3	16QAM	6@0	1.0738	1.208	PASS
5	1.4	20525	836.5	QPSK	6@0	1.0779	1.252	PASS
5	1.4	20525	836.5	16QAM	6@0	1.0779	1.236	PASS
5	3.0	20415	825.5	QPSK	15@0	2.6918	2.892	PASS
5	3.0	20415	825.5	16QAM	15@0	2.6831	2.987	PASS
5	3.0	20635	847.5	QPSK	15@0	2.6918	2.944	PASS
5	3.0	20635	847.5	16QAM	15@0	2.6918	2.900	PASS
5	3.0	20525	836.5	QPSK	15@0	2.6744	2.978	PASS
5	3.0	20525	836.5	16QAM	15@0	2.6831	2.978	PASS
5	5.0	20425	826.5	QPSK	25@0	4.4718	4.819	PASS
5	5.0	20425	826.5	16QAM	25@0	4.4863	4.891	PASS
5	5.0	20625	846.5	QPSK	25@0	4.4718	4.819	PASS
5	5.0	20625	846.5	16QAM	25@0	4.4718	4.993	PASS
5	5.0	20525	836.5	QPSK	25@0	4.4573	4.805	PASS
5	5.0	20525	836.5	16QAM	25@0	4.4718	4.718	PASS
5	10.0	20450	829.0	QPSK	50@0	8.9436	9.493	PASS
5	10.0	20450	829.0	16QAM	50@0	8.9725	9.407	PASS
5	10.0	20600	844.0	QPSK	50@0	8.9725	9.407	PASS
5	10.0	20600	844.0	16QAM	50@0	8.9436	9.493	PASS
5	10.0	20525	836.5	QPSK	50@0	8.9436	9.407	PASS
5	10.0	20525	836.5	16QAM	50@0	8.9436	9.580	PASS

