

Appendix I test data

I1.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
26	1.4	26797	824.7	QPSK	1@0	22.77	16.78	0.0476	38.45	PASS
26	1.4	26797	824.7	QPSK	1@2	22.64	16.65	0.0463	38.45	PASS
26	1.4	26797	824.7	QPSK	1@5	22.68	16.69	0.0467	38.45	PASS
26	1.4	26797	824.7	QPSK	3@0	22.31	16.32	0.0429	38.45	PASS
26	1.4	26797	824.7	QPSK	3@1	22.45	16.46	0.0442	38.45	PASS
26	1.4	26797	824.7	QPSK	3@2	22.46	16.47	0.0444	38.45	PASS
26	1.4	26797	824.7	QPSK	6@0	20.86	14.87	0.0307	38.45	PASS
26	1.4	26797	824.7	16QAM	1@0	22.67	16.68	0.0465	38.45	PASS
26	1.4	26797	824.7	16QAM	1@2	22.84	16.85	0.0484	38.45	PASS
26	1.4	26797	824.7	16QAM	1@5	23.09	17.1	0.0512	38.45	PASS
26	1.4	26797	824.7	16QAM	3@0	22.09	16.1	0.0408	38.45	PASS
26	1.4	26797	824.7	16QAM	3@1	21.97	15.98	0.0396	38.45	PASS
26	1.4	26797	824.7	16QAM	3@2	21.96	15.97	0.0396	38.45	PASS
26	1.4	26797	824.7	16QAM	6@0	21.09	15.1	0.0323	38.45	PASS
26	1.4	26915	836.5	QPSK	1@0	22.88	16.89	0.0489	38.45	PASS
26	1.4	26915	836.5	QPSK	1@2	22.99	17.0	0.0501	38.45	PASS
26	1.4	26915	836.5	QPSK	1@5	22.93	16.94	0.0494	38.45	PASS
26	1.4	26915	836.5	QPSK	3@0	22.6	16.61	0.0458	38.45	PASS
26	1.4	26915	836.5	QPSK	3@1	22.6	16.61	0.0458	38.45	PASS
26	1.4	26915	836.5	QPSK	3@2	22.59	16.6	0.0457	38.45	PASS
26	1.4	26915	836.5	QPSK	6@0	21.15	15.16	0.0328	38.45	PASS
26	1.4	26915	836.5	16QAM	1@0	23.89	17.9	0.0617	38.45	PASS
26	1.4	26915	836.5	16QAM	1@2	24.0	18.01	0.0632	38.45	PASS
26	1.4	26915	836.5	16QAM	1@5	23.32	17.33	0.0541	38.45	PASS
26	1.4	26915	836.5	16QAM	3@0	22.13	16.14	0.0411	38.45	PASS
26	1.4	26915	836.5	16QAM	3@1	22.15	16.16	0.0413	38.45	PASS
26	1.4	26915	836.5	16QAM	3@2	22.15	16.16	0.0413	38.45	PASS
26	1.4	26915	836.5	16QAM	6@0	21.24	15.25	0.0335	38.45	PASS
26	1.4	27033	848.3	QPSK	1@0	23.02	17.03	0.0505	38.45	PASS
26	1.4	27033	848.3	QPSK	1@2	23.17	17.18	0.0522	38.45	PASS
26	1.4	27033	848.3	QPSK	1@5	23.16	17.17	0.0521	38.45	PASS
26	1.4	27033	848.3	QPSK	3@0	22.74	16.75	0.0473	38.45	PASS
26	1.4	27033	848.3	QPSK	3@1	22.6	16.61	0.0458	38.45	PASS
26	1.4	27033	848.3	QPSK	3@2	22.59	16.6	0.0457	38.45	PASS
26	1.4	27033	848.3	QPSK	6@0	21.25	15.26	0.0336	38.45	PASS

26	1.4	27033	848.3	16QAM	1@0	22.81	16.82	0.0481	38.45	PASS
26	1.4	27033	848.3	16QAM	1@2	22.84	16.85	0.0484	38.45	PASS
26	1.4	27033	848.3	16QAM	1@5	22.75	16.76	0.0474	38.45	PASS
26	1.4	27033	848.3	16QAM	3@0	22.44	16.45	0.0441	38.45	PASS
26	1.4	27033	848.3	16QAM	3@1	22.34	16.35	0.0431	38.45	PASS
26	1.4	27033	848.3	16QAM	3@2	22.46	16.47	0.0444	38.45	PASS
26	1.4	27033	848.3	16QAM	6@0	21.73	15.74	0.0375	38.45	PASS
26	3.0	26805	825.5	QPSK	1@0	22.79	16.8	0.0478	38.45	PASS
26	3.0	26805	825.5	QPSK	1@7	22.72	16.73	0.0471	38.45	PASS
26	3.0	26805	825.5	QPSK	1@14	22.82	16.83	0.0482	38.45	PASS
26	3.0	26805	825.5	QPSK	8@0	20.79	14.8	0.0302	38.45	PASS
26	3.0	26805	825.5	QPSK	8@4	20.8	14.81	0.0302	38.45	PASS
26	3.0	26805	825.5	QPSK	8@7	20.9	14.91	0.0309	38.45	PASS
26	3.0	26805	825.5	QPSK	15@0	20.85	14.86	0.0306	38.45	PASS
26	3.0	26805	825.5	16QAM	1@0	21.86	15.87	0.0386	38.45	PASS
26	3.0	26805	825.5	16QAM	1@7	22.26	16.27	0.0423	38.45	PASS
26	3.0	26805	825.5	16QAM	1@14	22.19	20.04	0.1009	38.45	PASS
26	3.0	26805	825.5	16QAM	8@0	21.47	19.32	0.0855	38.45	PASS
26	3.0	26805	825.5	16QAM	8@4	21.49	19.34	0.0859	38.45	PASS
26	3.0	26805	825.5	16QAM	8@7	21.62	19.47	0.0886	38.45	PASS
26	3.0	26805	825.5	16QAM	15@0	21.25	19.1	0.0813	38.45	PASS
26	3.0	26915	836.5	QPSK	1@0	23.17	21.02	0.1264	38.45	PASS
26	3.0	26915	836.5	QPSK	1@7	23.43	21.28	0.1344	38.45	PASS
26	3.0	26915	836.5	QPSK	1@14	23.3	21.15	0.1303	38.45	PASS
26	3.0	26915	836.5	QPSK	8@0	21.38	19.23	0.0838	38.45	PASS
26	3.0	26915	836.5	QPSK	8@4	21.4	19.25	0.0841	38.45	PASS
26	3.0	26915	836.5	QPSK	8@7	21.42	19.27	0.0845	38.45	PASS
26	3.0	26915	836.5	QPSK	15@0	21.41	19.26	0.0844	38.45	PASS
26	3.0	26915	836.5	16QAM	1@0	23.87	21.72	0.1485	38.45	PASS
26	3.0	26915	836.5	16QAM	1@7	23.95	21.8	0.1513	38.45	PASS
26	3.0	26915	836.5	16QAM	1@14	23.98	21.83	0.1525	38.45	PASS
26	3.0	26915	836.5	16QAM	8@0	21.82	19.67	0.0928	38.45	PASS
26	3.0	26915	836.5	16QAM	8@4	21.84	19.69	0.0931	38.45	PASS
26	3.0	26915	836.5	16QAM	8@7	21.84	19.69	0.0931	38.45	PASS
26	3.0	26915	836.5	16QAM	15@0	21.57	19.42	0.0875	38.45	PASS
26	3.0	27025	847.5	QPSK	1@0	23.59	21.44	0.1395	38.45	PASS
26	3.0	27025	847.5	QPSK	1@7	23.56	21.41	0.1382	38.45	PASS
26	3.0	27025	847.5	QPSK	1@14	23.61	21.46	0.1399	38.45	PASS
26	3.0	27025	847.5	QPSK	8@0	21.7	19.55	0.0902	38.45	PASS
26	3.0	27025	847.5	QPSK	8@4	21.73	19.58	0.0907	38.45	PASS
26	3.0	27025	847.5	QPSK	8@7	21.84	19.69	0.0932	38.45	PASS
26	3.0	27025	847.5	QPSK	15@0	21.67	19.52	0.0895	38.45	PASS
26	3.0	27025	847.5	16QAM	1@0	24.25	22.1	0.1623	38.45	PASS

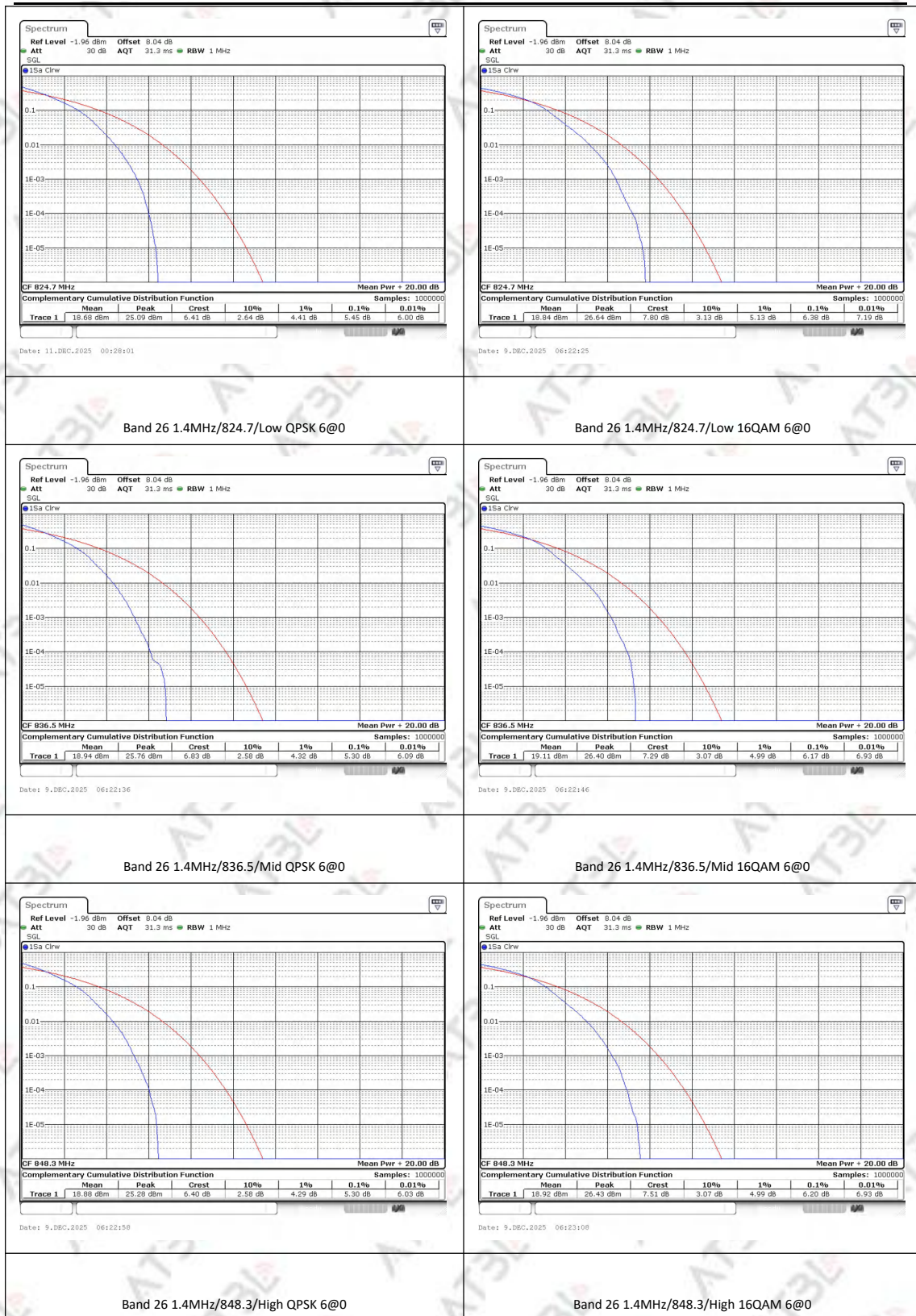
26	3.0	27025	847.5	16QAM	1@7	24.26	22.11	0.1625	38.45	PASS
26	3.0	27025	847.5	16QAM	1@14	24.22	22.07	0.161	38.45	PASS
26	3.0	27025	847.5	16QAM	8@0	21.85	19.7	0.0933	38.45	PASS
26	3.0	27025	847.5	16QAM	8@4	21.87	19.72	0.0937	38.45	PASS
26	3.0	27025	847.5	16QAM	8@7	21.82	19.67	0.0926	38.45	PASS
26	3.0	27025	847.5	16QAM	15@0	21.86	19.71	0.0936	38.45	PASS
26	5.0	26815	826.5	QPSK	1@0	23.13	20.98	0.1252	38.45	PASS
26	5.0	26815	826.5	QPSK	1@12	23.26	21.11	0.1291	38.45	PASS
26	5.0	26815	826.5	QPSK	1@24	23.37	21.22	0.1323	38.45	PASS
26	5.0	26815	826.5	QPSK	12@0	21.12	18.97	0.079	38.45	PASS
26	5.0	26815	826.5	QPSK	12@6	21.13	18.98	0.079	38.45	PASS
26	5.0	26815	826.5	QPSK	12@11	21.12	18.97	0.0789	38.45	PASS
26	5.0	26815	826.5	QPSK	25@0	21.27	19.12	0.0817	38.45	PASS
26	5.0	26815	826.5	16QAM	1@0	22.83	20.68	0.1169	38.45	PASS
26	5.0	26815	826.5	16QAM	1@12	22.74	20.59	0.1144	38.45	PASS
26	5.0	26815	826.5	16QAM	1@24	22.83	20.68	0.117	38.45	PASS
26	5.0	26815	826.5	16QAM	12@0	21.13	18.98	0.079	38.45	PASS
26	5.0	26815	826.5	16QAM	12@6	21.15	19.0	0.0794	38.45	PASS
26	5.0	26815	826.5	16QAM	12@11	21.14	18.99	0.0793	38.45	PASS
26	5.0	26815	826.5	16QAM	25@0	21.28	19.13	0.0818	38.45	PASS
26	5.0	26915	836.5	QPSK	1@0	23.56	21.41	0.1383	38.45	PASS
26	5.0	26915	836.5	QPSK	1@12	23.53	21.38	0.1375	38.45	PASS
26	5.0	26915	836.5	QPSK	1@24	23.53	21.38	0.1373	38.45	PASS
26	5.0	26915	836.5	QPSK	12@0	21.37	19.22	0.0835	38.45	PASS
26	5.0	26915	836.5	QPSK	12@6	21.39	19.24	0.084	38.45	PASS
26	5.0	26915	836.5	QPSK	12@11	21.4	19.25	0.0842	38.45	PASS
26	5.0	26915	836.5	QPSK	25@0	21.41	19.26	0.0843	38.45	PASS
26	5.0	26915	836.5	16QAM	1@0	22.22	20.07	0.1016	38.45	PASS
26	5.0	26915	836.5	16QAM	1@12	22.4	20.25	0.106	38.45	PASS
26	5.0	26915	836.5	16QAM	1@24	22.41	20.26	0.1062	38.45	PASS
26	5.0	26915	836.5	16QAM	12@0	21.58	19.43	0.0878	38.45	PASS
26	5.0	26915	836.5	16QAM	12@6	21.44	19.29	0.0848	38.45	PASS
26	5.0	26915	836.5	16QAM	12@11	21.61	19.46	0.0884	38.45	PASS
26	5.0	26915	836.5	16QAM	25@0	21.64	19.49	0.0889	38.45	PASS
26	5.0	27015	846.5	QPSK	1@0	23.91	21.76	0.15	38.45	PASS
26	5.0	27015	846.5	QPSK	1@12	23.96	21.81	0.1519	38.45	PASS
26	5.0	27015	846.5	QPSK	1@24	23.95	21.8	0.1513	38.45	PASS
26	5.0	27015	846.5	QPSK	12@0	21.67	19.52	0.0896	38.45	PASS
26	5.0	27015	846.5	QPSK	12@6	21.71	19.56	0.0904	38.45	PASS
26	5.0	27015	846.5	QPSK	12@11	21.55	19.4	0.087	38.45	PASS
26	5.0	27015	846.5	QPSK	25@0	21.75	19.6	0.0913	38.45	PASS
26	5.0	27015	846.5	16QAM	1@0	23.68	21.53	0.1421	38.45	PASS
26	5.0	27015	846.5	16QAM	1@12	23.96	21.81	0.1517	38.45	PASS

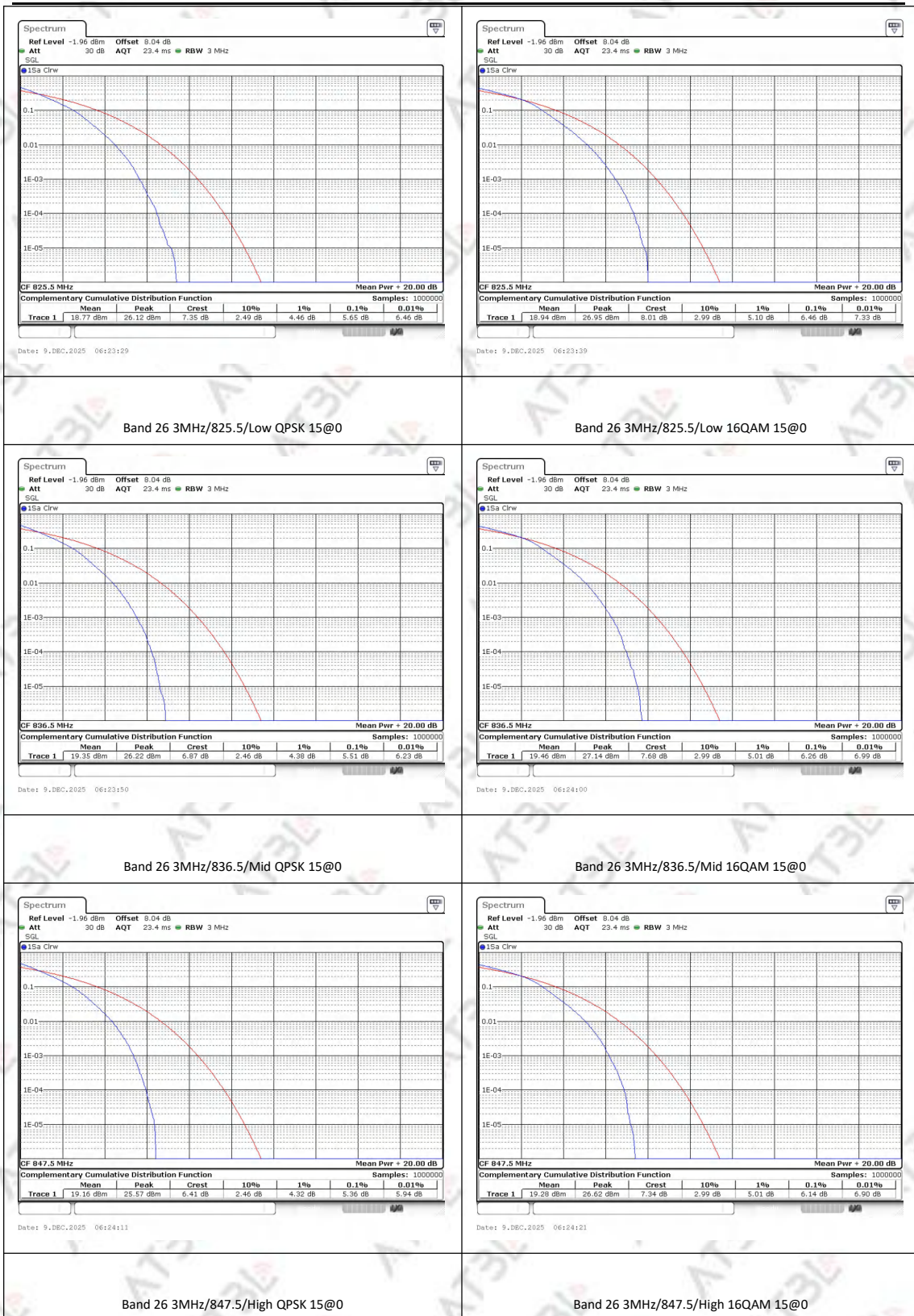
26	5.0	27015	846.5	16QAM	1@24	23.86	21.71	0.1483	38.45	PASS
26	5.0	27015	846.5	16QAM	12@0	21.63	19.48	0.0887	38.45	PASS
26	5.0	27015	846.5	16QAM	12@6	21.5	19.35	0.086	38.45	PASS
26	5.0	27015	846.5	16QAM	12@11	21.68	19.53	0.0898	38.45	PASS
26	5.0	27015	846.5	16QAM	25@0	21.67	19.52	0.0896	38.45	PASS
26	10.0	26840	829.0	QPSK	1@0	23.03	20.88	0.1224	38.45	PASS
26	10.0	26840	829.0	QPSK	1@24	23.06	20.91	0.1233	38.45	PASS
26	10.0	26840	829.0	QPSK	1@49	23.21	21.06	0.1275	38.45	PASS
26	10.0	26840	829.0	QPSK	25@0	21.66	19.51	0.0893	38.45	PASS
26	10.0	26840	829.0	QPSK	25@12	21.65	19.5	0.0892	38.45	PASS
26	10.0	26840	829.0	QPSK	25@24	21.66	19.51	0.0893	38.45	PASS
26	10.0	26840	829.0	QPSK	50@0	21.87	19.72	0.0938	38.45	PASS
26	10.0	26840	829.0	16QAM	1@0	22.8	20.65	0.1161	38.45	PASS
26	10.0	26840	829.0	16QAM	1@24	22.96	20.81	0.1204	38.45	PASS
26	10.0	26840	829.0	16QAM	1@49	22.96	20.81	0.1206	38.45	PASS
26	10.0	26840	829.0	16QAM	25@0	22.17	20.02	0.1005	38.45	PASS
26	10.0	26840	829.0	16QAM	25@12	22.01	19.86	0.0969	38.45	PASS
26	10.0	26840	829.0	16QAM	25@24	21.99	19.84	0.0964	38.45	PASS
26	10.0	26840	829.0	16QAM	50@0	21.9	19.75	0.0943	38.45	PASS
26	10.0	26915	836.5	QPSK	1@0	23.16	21.01	0.1261	38.45	PASS
26	10.0	26915	836.5	QPSK	1@24	23.45	21.3	0.1348	38.45	PASS
26	10.0	26915	836.5	QPSK	1@49	23.5	21.35	0.1365	38.45	PASS
26	10.0	26915	836.5	QPSK	25@0	21.97	19.82	0.096	38.45	PASS
26	10.0	26915	836.5	QPSK	25@12	21.96	19.81	0.0957	38.45	PASS
26	10.0	26915	836.5	QPSK	25@24	21.81	19.66	0.0924	38.45	PASS
26	10.0	26915	836.5	QPSK	50@0	21.93	19.78	0.095	38.45	PASS
26	10.0	26915	836.5	16QAM	1@0	23.55	21.4	0.1382	38.45	PASS
26	10.0	26915	836.5	16QAM	1@24	23.68	21.53	0.1422	38.45	PASS
26	10.0	26915	836.5	16QAM	1@49	23.87	21.72	0.1484	38.45	PASS
26	10.0	26915	836.5	16QAM	25@0	21.98	19.83	0.0962	38.45	PASS
26	10.0	26915	836.5	16QAM	25@12	21.98	19.83	0.0961	38.45	PASS
26	10.0	26915	836.5	16QAM	25@24	21.98	19.83	0.0963	38.45	PASS
26	10.0	26915	836.5	16QAM	50@0	22.13	19.98	0.0995	38.45	PASS
26	10.0	26990	844.0	QPSK	1@0	23.67	21.52	0.142	38.45	PASS
26	10.0	26990	844.0	QPSK	1@24	23.79	21.64	0.146	38.45	PASS
26	10.0	26990	844.0	QPSK	1@49	23.86	21.71	0.1484	38.45	PASS
26	10.0	26990	844.0	QPSK	25@0	21.98	19.83	0.0962	38.45	PASS
26	10.0	26990	844.0	QPSK	25@12	22.01	19.86	0.0967	38.45	PASS
26	10.0	26990	844.0	QPSK	25@24	21.99	19.84	0.0965	38.45	PASS
26	10.0	26990	844.0	QPSK	50@0	22.08	19.93	0.0984	38.45	PASS
26	10.0	26990	844.0	16QAM	1@0	23.53	21.38	0.1374	38.45	PASS
26	10.0	26990	844.0	16QAM	1@24	23.76	21.61	0.145	38.45	PASS
26	10.0	26990	844.0	16QAM	1@49	23.94	21.79	0.1509	38.45	PASS

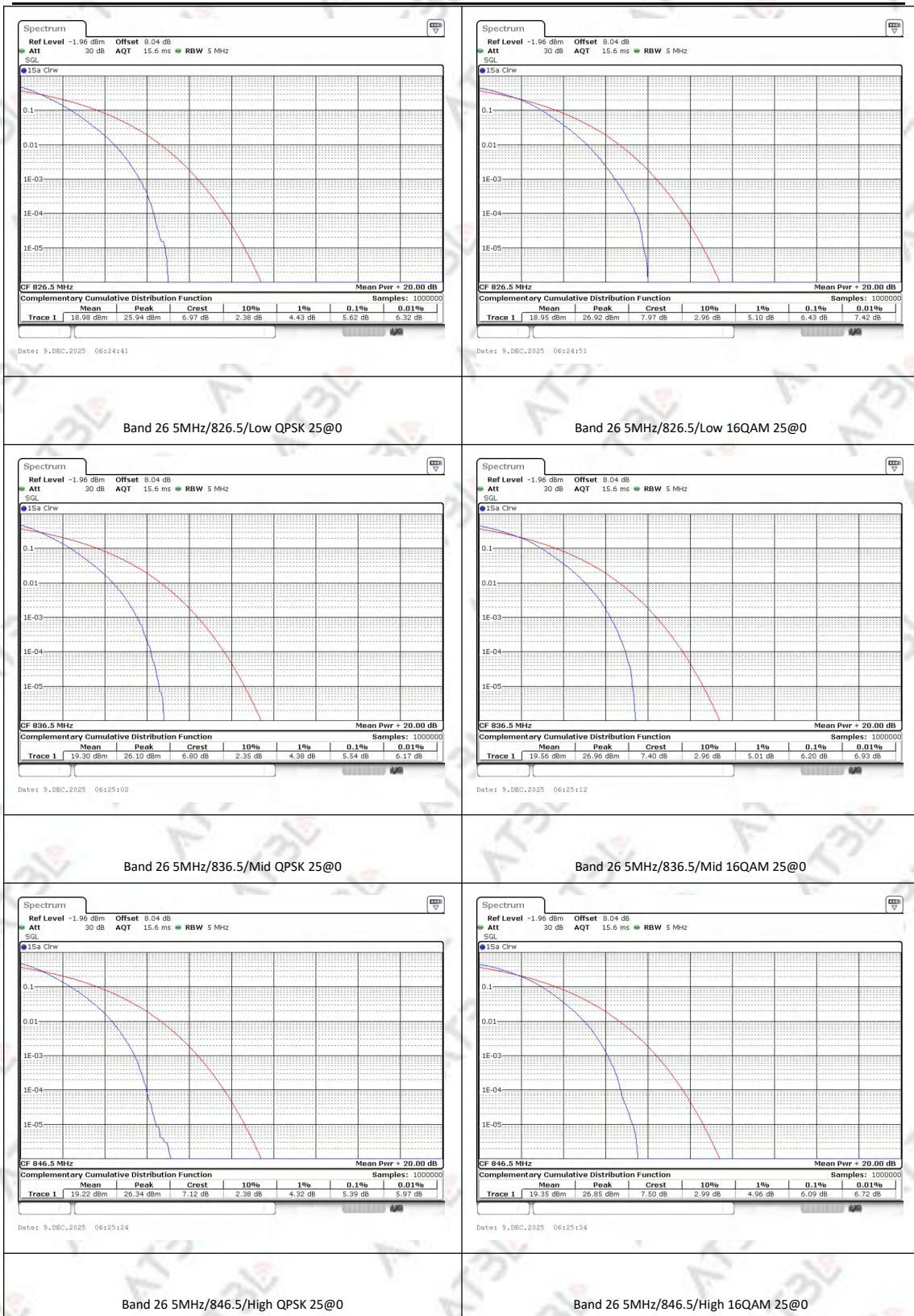
26	10.0	26990	844.0	16QAM	25@0	22.19	20.04	0.1008	38.45	PASS
26	10.0	26990	844.0	16QAM	25@12	22.19	20.04	0.1009	38.45	PASS
26	10.0	26990	844.0	16QAM	25@24	22.22	20.07	0.1015	38.45	PASS
26	10.0	26990	844.0	16QAM	50@0	22.23	20.08	0.1019	38.45	PASS
26	15.0	26865	831.5	QPSK	1@0	22.76	20.61	0.1151	38.45	PASS
26	15.0	26865	831.5	QPSK	1@37	23.46	21.31	0.1353	38.45	PASS
26	15.0	26865	831.5	QPSK	1@74	23.08	20.93	0.124	38.45	PASS
26	15.0	26865	831.5	QPSK	36@0	21.7	19.55	0.0903	38.45	PASS
26	15.0	26865	831.5	QPSK	36@16	21.79	19.64	0.092	38.45	PASS
26	15.0	26865	831.5	QPSK	36@35	21.79	19.64	0.092	38.45	PASS
26	15.0	26865	831.5	QPSK	75@0	21.84	19.69	0.0931	38.45	PASS
26	15.0	26865	831.5	16QAM	1@0	23.15	21.0	0.1259	38.45	PASS
26	15.0	26865	831.5	16QAM	1@37	22.99	20.84	0.1213	38.45	PASS
26	15.0	26865	831.5	16QAM	1@74	23.48	21.33	0.1358	38.45	PASS
26	15.0	26865	831.5	16QAM	36@0	21.93	19.78	0.095	38.45	PASS
26	15.0	26865	831.5	16QAM	36@16	21.94	19.79	0.0954	38.45	PASS
26	15.0	26865	831.5	16QAM	36@35	21.93	19.78	0.0951	38.45	PASS
26	15.0	26865	831.5	16QAM	75@0	22.0	19.85	0.0967	38.45	PASS

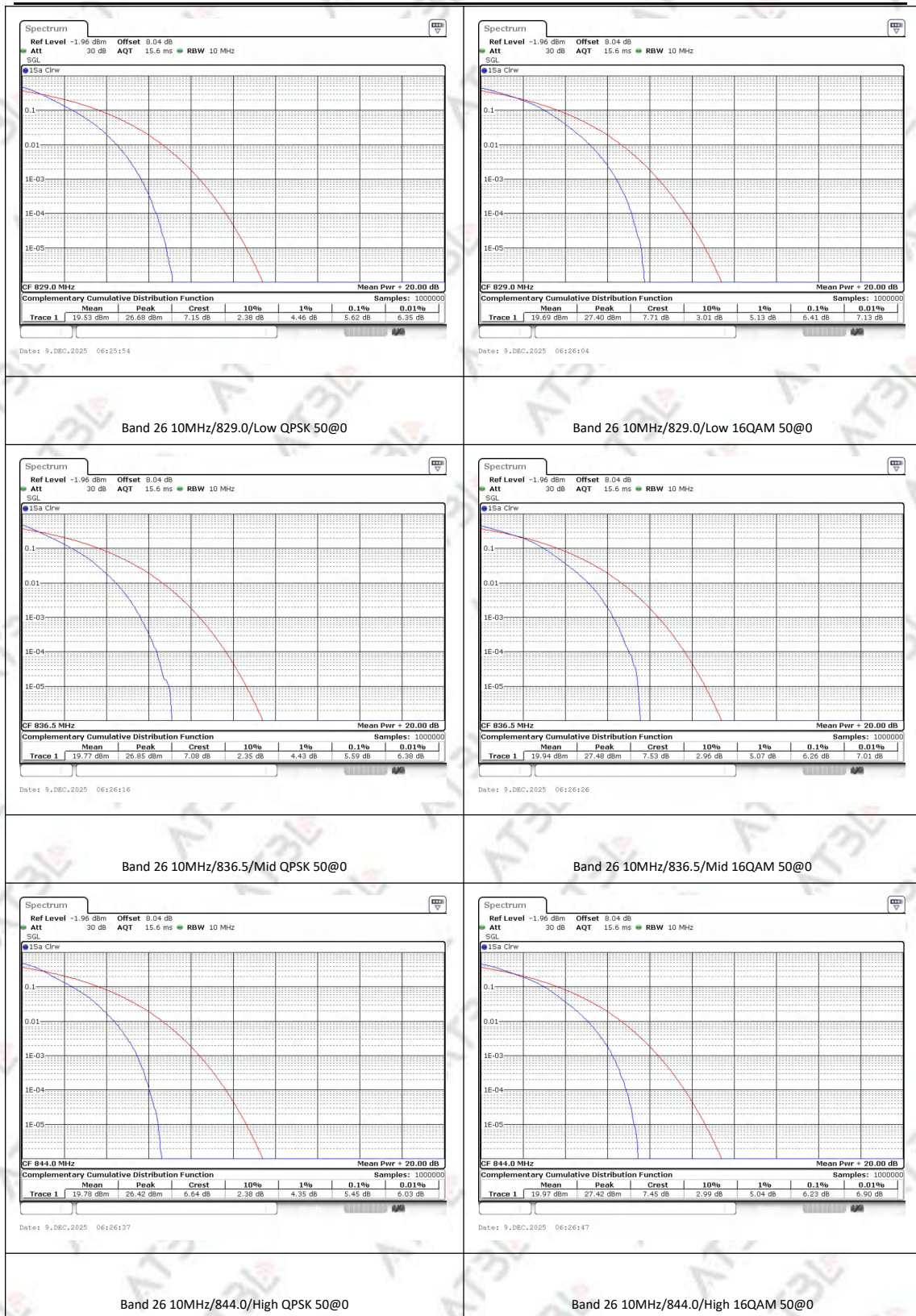
I2.Peak to Average Ratio

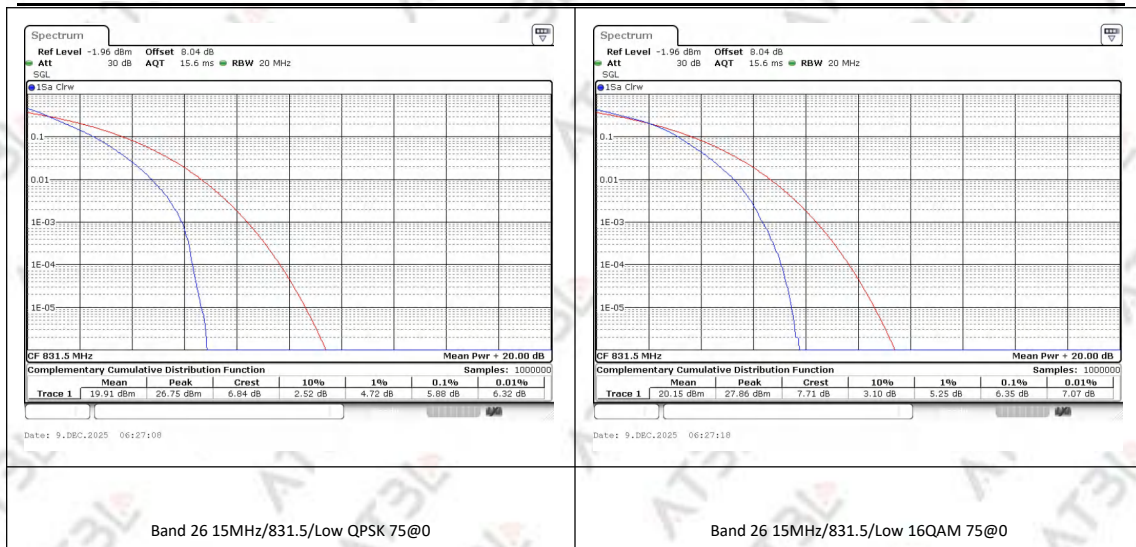
Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
26	1.4	26797	824.7	QPSK	6@0	5.45	13	PASS
26	1.4	26797	824.7	16QAM	6@0	6.38	13	PASS
26	1.4	26915	836.5	QPSK	6@0	5.3	13	PASS
26	1.4	26915	836.5	16QAM	6@0	6.17	13	PASS
26	1.4	27033	848.3	QPSK	6@0	5.3	13	PASS
26	1.4	27033	848.3	16QAM	6@0	6.2	13	PASS
26	3.0	26805	825.5	QPSK	15@0	5.65	13	PASS
26	3.0	26805	825.5	16QAM	15@0	6.46	13	PASS
26	3.0	26915	836.5	QPSK	15@0	5.51	13	PASS
26	3.0	26915	836.5	16QAM	15@0	6.26	13	PASS
26	3.0	27025	847.5	QPSK	15@0	5.36	13	PASS
26	3.0	27025	847.5	16QAM	15@0	6.14	13	PASS
26	5.0	26815	826.5	QPSK	25@0	5.62	13	PASS
26	5.0	26815	826.5	16QAM	25@0	6.43	13	PASS
26	5.0	26915	836.5	QPSK	25@0	5.54	13	PASS
26	5.0	26915	836.5	16QAM	25@0	6.2	13	PASS
26	5.0	27015	846.5	QPSK	25@0	5.39	13	PASS
26	5.0	27015	846.5	16QAM	25@0	6.09	13	PASS
26	10.0	26840	829.0	QPSK	50@0	5.62	13	PASS
26	10.0	26840	829.0	16QAM	50@0	6.41	13	PASS
26	10.0	26915	836.5	QPSK	50@0	5.59	13	PASS
26	10.0	26915	836.5	16QAM	50@0	6.26	13	PASS
26	10.0	26990	844.0	QPSK	50@0	5.45	13	PASS
26	10.0	26990	844.0	16QAM	50@0	6.23	13	PASS
26	15.0	26865	831.5	QPSK	75@0	5.88	13	PASS
26	15.0	26865	831.5	16QAM	75@0	6.35	13	PASS











I3.Occupied Bandwidth

Band	Bandwidth (MHz)	Channel	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
26	1.4	26797	824.7	QPSK	6@0	1.0779	1.228	PASS
26	1.4	26797	824.7	16QAM	6@0	1.0779	1.208	PASS
26	1.4	26915	836.5	QPSK	6@0	1.0698	1.228	PASS
26	1.4	26915	836.5	16QAM	6@0	1.0819	1.248	PASS
26	1.4	27033	848.3	QPSK	6@0	1.0738	1.183	PASS
26	1.4	27033	848.3	16QAM	6@0	1.0779	1.216	PASS
26	3.0	26805	825.5	QPSK	15@0	2.6918	2.926	PASS
26	3.0	26805	825.5	16QAM	15@0	2.6831	2.909	PASS
26	3.0	26915	836.5	QPSK	15@0	2.7004	2.926	PASS
26	3.0	26915	836.5	16QAM	15@0	2.6744	2.987	PASS
26	3.0	27025	847.5	QPSK	15@0	2.6744	2.970	PASS
26	3.0	27025	847.5	16QAM	15@0	2.6831	2.935	PASS
26	5.0	26815	826.5	QPSK	25@0	4.4718	4.718	PASS
26	5.0	26815	826.5	16QAM	25@0	4.4718	4.718	PASS
26	5.0	26915	836.5	QPSK	25@0	4.5007	4.920	PASS
26	5.0	26915	836.5	16QAM	25@0	4.4718	4.848	PASS
26	5.0	27015	846.5	QPSK	25@0	4.4718	4.920	PASS
26	5.0	27015	846.5	16QAM	25@0	4.4863	4.848	PASS
26	10.0	26840	829.0	QPSK	50@0	8.9725	9.436	PASS
26	10.0	26840	829.0	16QAM	50@0	8.9436	9.465	PASS
26	10.0	26915	836.5	QPSK	50@0	8.9725	9.609	PASS
26	10.0	26915	836.5	16QAM	50@0	8.9725	9.493	PASS
26	10.0	26990	844.0	QPSK	50@0	8.9146	9.436	PASS
26	10.0	26990	844.0	16QAM	50@0	8.9146	9.436	PASS
26	15.0	26865	831.5	QPSK	75@0	13.415	14.37	PASS
26	15.0	26865	831.5	16QAM	75@0	13.372	14.15	PASS

