

Appendix-B LTE Band 12

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.45	20.6	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.37	20.52	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.36	20.51	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.37	19.52	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.52	19.67	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.59	19.74	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.21	19.36	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.31	18.46	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.66	18.81	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.65	18.8	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.45	18.6	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.35	17.5	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	19.29	15.44	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	19.39	15.54	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	19.37	15.52	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	19.56	15.71	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.42	20.57	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.38	20.53	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.51	20.66	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.44	19.59	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.68	19.83	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.41	19.56	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.59	19.74	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.37	18.52	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.53	18.68	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.42	18.57	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.69	18.84	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.44	17.59	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	19.49	15.64	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	19.58	15.73	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	19.54	15.69	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	19.38	15.53	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.47	20.62	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.44	20.59	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.48	20.63	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.43	19.58	34.77	PASS

Band12	1.4MHz	16QAM	23173	1RB#0	23.67	19.82	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.62	19.77	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.66	19.81	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.49	18.64	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.91	19.06	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.45	18.6	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.47	18.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.42	17.57	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	19.5	15.65	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	19.51	15.66	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	19.67	15.82	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	19.43	15.58	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.4	20.55	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.55	20.7	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.64	20.79	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.49	19.64	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.64	19.79	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.43	19.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.68	19.83	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.54	18.69	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.46	18.61	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.59	18.74	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.84	18.99	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.55	17.7	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	19.35	15.5	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	19.58	15.73	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	19.41	15.56	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	19.47	15.62	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.45	20.6	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.51	20.66	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.45	20.6	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.42	19.57	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.6	19.75	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.61	19.76	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.67	19.82	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.4	18.55	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.53	18.68	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.45	18.6	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.62	18.77	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.5	17.65	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	19.52	15.67	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	19.72	15.87	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	19.54	15.69	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	19.48	15.63	34.77	PASS

Band12	3MHz	QPSK	23165	1RB#0	24.71	20.86	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.46	20.61	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.57	20.72	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.53	19.68	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.58	19.73	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.63	19.78	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.64	19.79	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.48	18.63	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.86	19.01	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.65	18.8	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.61	18.76	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.51	17.66	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	19.49	15.64	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	19.69	15.84	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	19.59	15.74	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	19.58	15.73	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.37	20.52	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.46	20.61	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.42	20.57	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.47	19.62	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.4	19.55	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.46	19.61	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.51	19.66	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.43	18.58	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.48	18.63	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.69	18.84	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.61	18.76	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.43	17.58	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	19.59	15.74	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	19.81	15.96	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	19.51	15.66	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	19.48	15.63	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.68	20.83	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.56	20.71	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.5	20.65	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.46	19.61	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.76	19.91	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.53	19.68	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.6	19.75	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.42	18.57	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.77	18.92	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.46	18.61	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.72	18.87	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.43	17.58	34.77	PASS

Band12	5MHz	256QAM	23095	1RB#0	19.69	15.84	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	19.58	15.73	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	19.71	15.86	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	19.45	15.6	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.5	20.65	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.74	20.89	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.58	20.73	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.61	19.76	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.6	19.75	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.8	19.95	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.53	19.68	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.59	18.74	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.75	18.9	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.92	19.07	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.54	18.69	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.6	17.75	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	19.67	15.82	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	19.62	15.77	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	19.78	15.93	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	19.63	15.78	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.46	20.61	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.52	20.67	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.62	20.77	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.48	19.63	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.26	19.41	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.46	19.61	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.78	19.93	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.49	18.64	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.76	18.91	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.53	18.68	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.89	19.04	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.44	17.59	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	19.53	15.68	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	19.61	15.76	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	19.56	15.71	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	19.43	15.58	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.53	20.68	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.48	20.63	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.59	20.74	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.49	19.64	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.86	20.01	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.35	19.5	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.56	19.71	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.46	18.61	34.77	PASS

Band12	10MHz	64QAM	23095	1RB#0	22.77	18.92	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.54	18.69	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.67	18.82	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.5	17.65	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	19.78	15.93	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	19.65	15.8	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	19.47	15.62	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	19.49	15.64	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.61	20.76	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.6	20.75	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.56	20.71	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.53	19.68	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.35	19.5	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.49	19.64	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.53	19.68	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.5	18.65	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.8	18.95	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.66	18.81	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.59	18.74	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.5	17.65	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	19.6	15.75	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	19.57	15.72	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	19.52	15.67	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	19.49	15.64	34.77	PASS

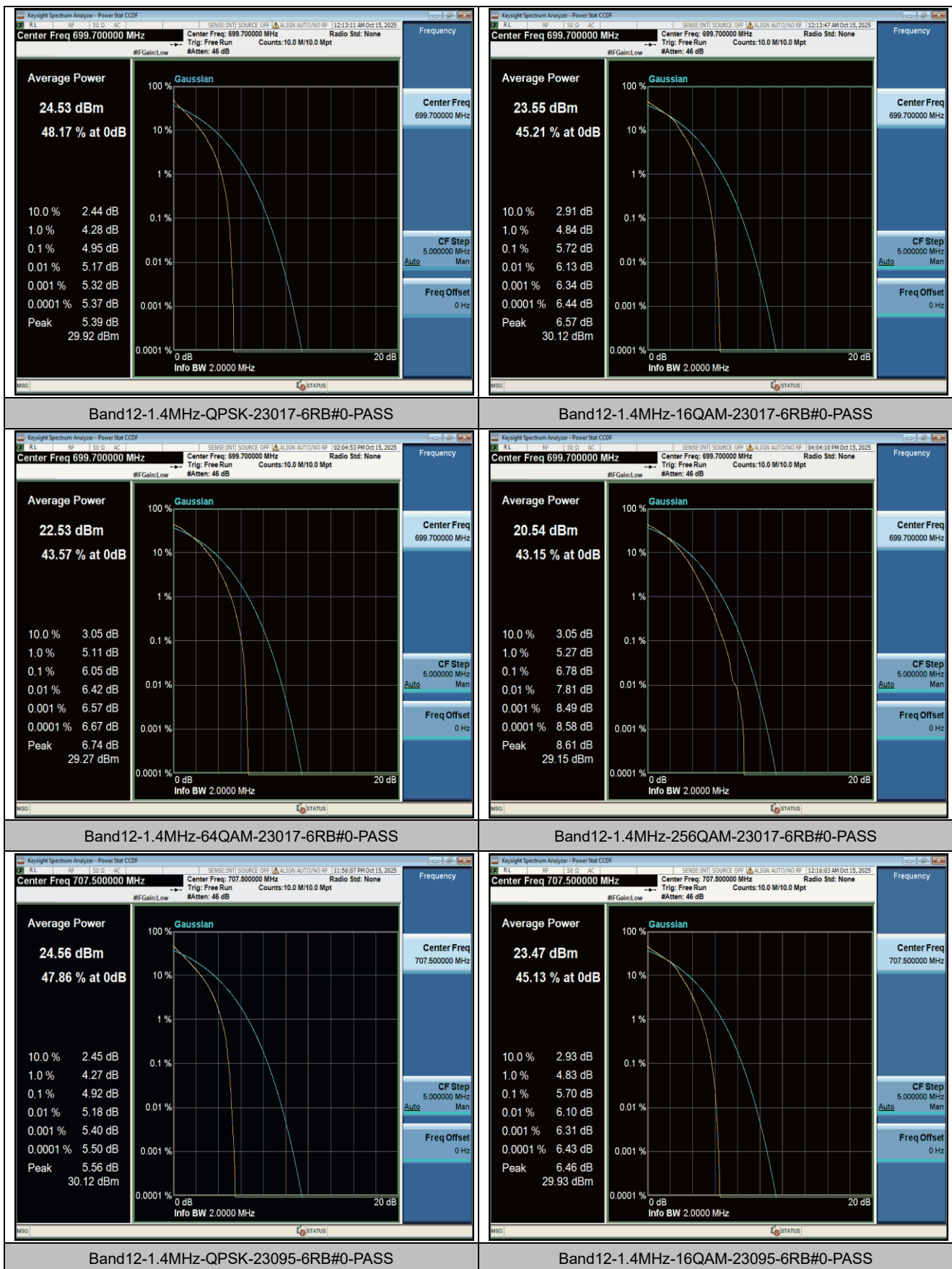
Peak-to-Average Ratio(CCDF)

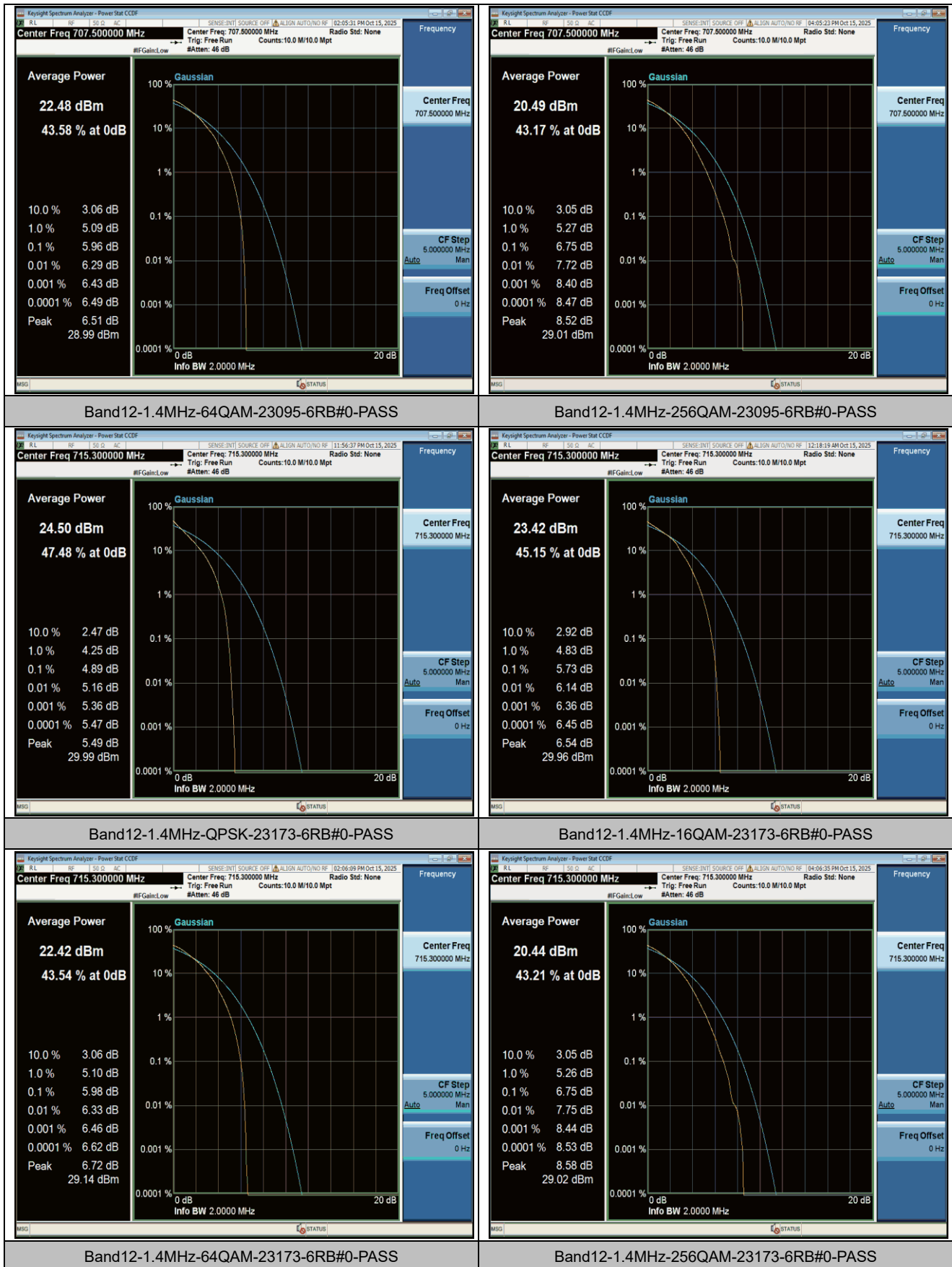
Test Result

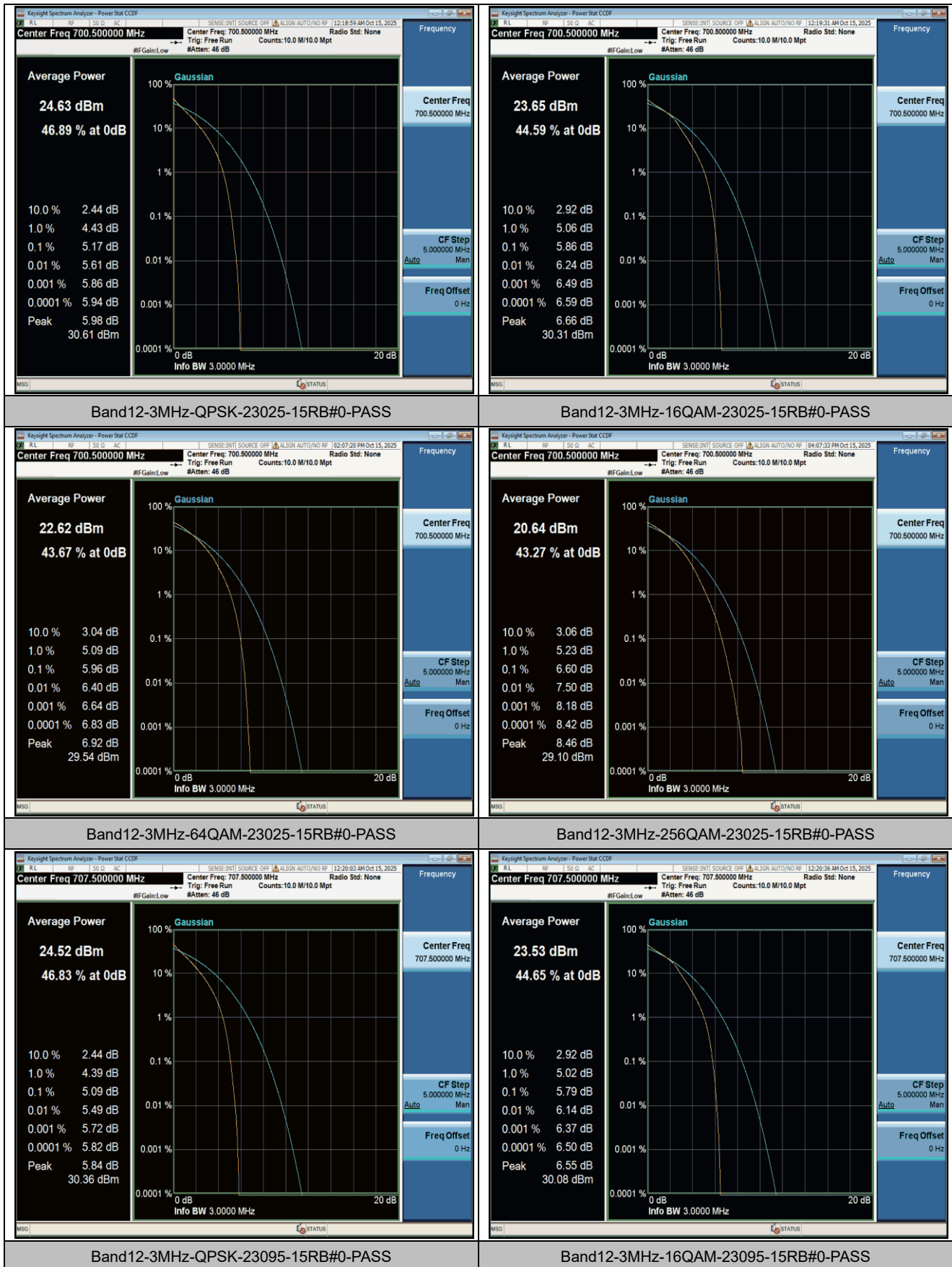
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.95	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.72	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.05	13	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	6.78	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.92	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.70	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.96	13	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	6.75	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.89	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.73	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	5.98	13	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	6.75	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.17	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.86	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	5.96	13	PASS
Band12	3MHz	256QAM	23025	15RB#0	6.60	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.09	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.79	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	5.94	13	PASS
Band12	3MHz	256QAM	23095	15RB#0	6.59	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.14	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.83	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	5.97	13	PASS
Band12	3MHz	256QAM	23165	15RB#0	6.58	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.25	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.77	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.26	13	PASS
Band12	5MHz	256QAM	23035	25RB#0	6.59	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.19	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.74	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.21	13	PASS
Band12	5MHz	256QAM	23095	25RB#0	6.55	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.22	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.77	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.25	13	PASS
Band12	5MHz	256QAM	23155	25RB#0	6.59	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.20	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.83	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.28	13	PASS

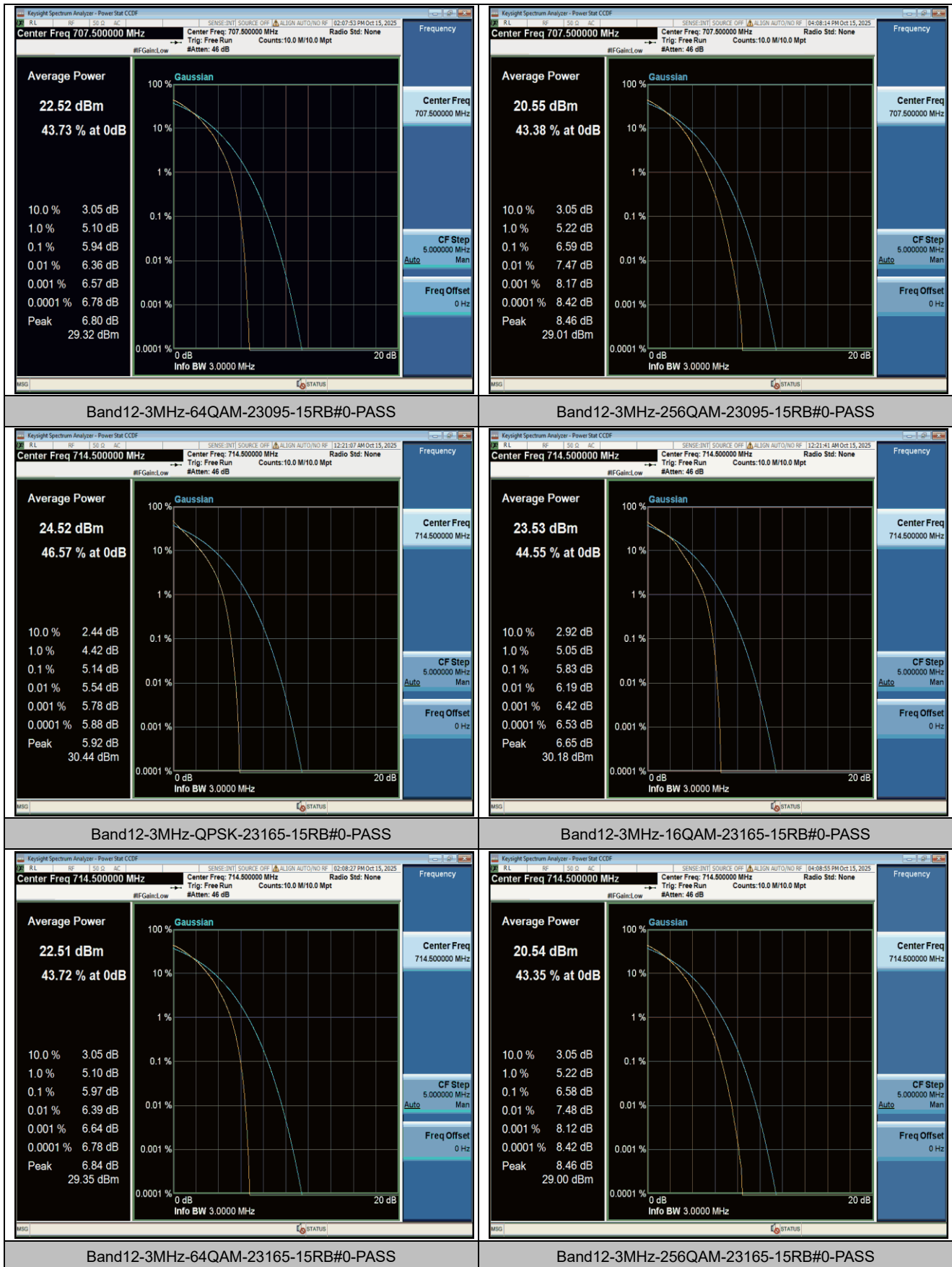
Band12	10MHz	256QAM	23060	50RB#0	6.58	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.17	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.80	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.20	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.57	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.21	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.85	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.24	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.58	13	PASS

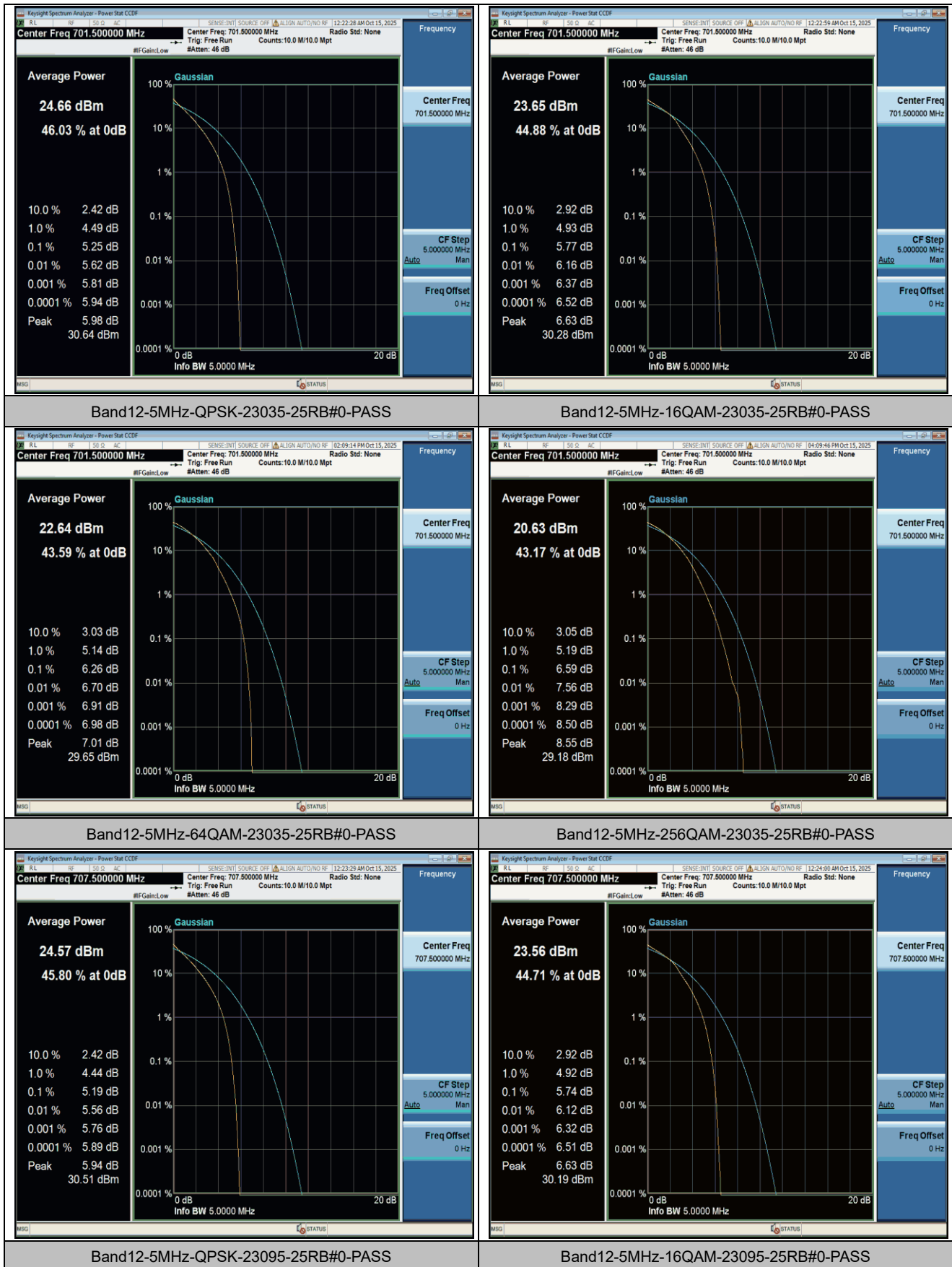
Test Graphs

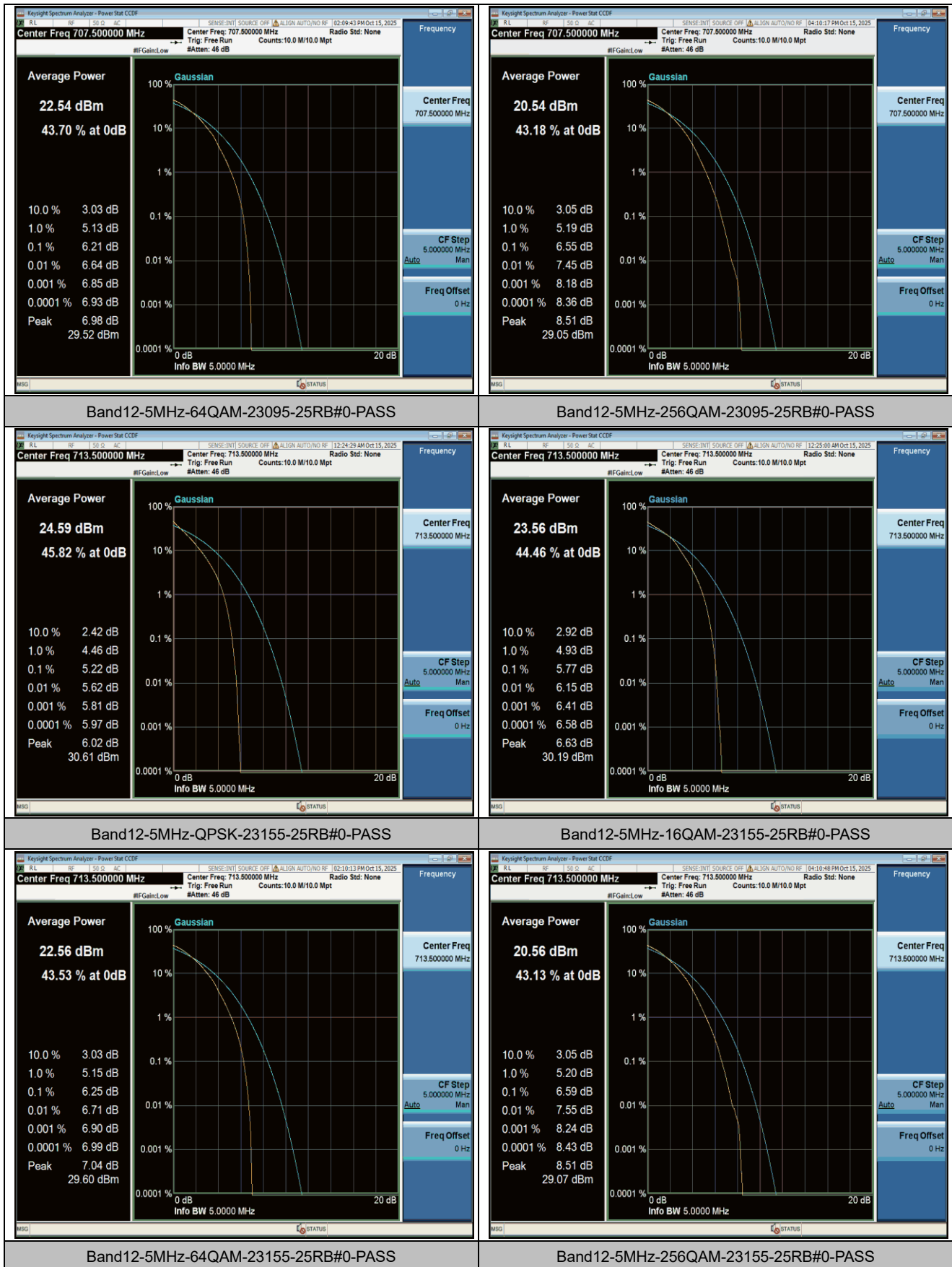


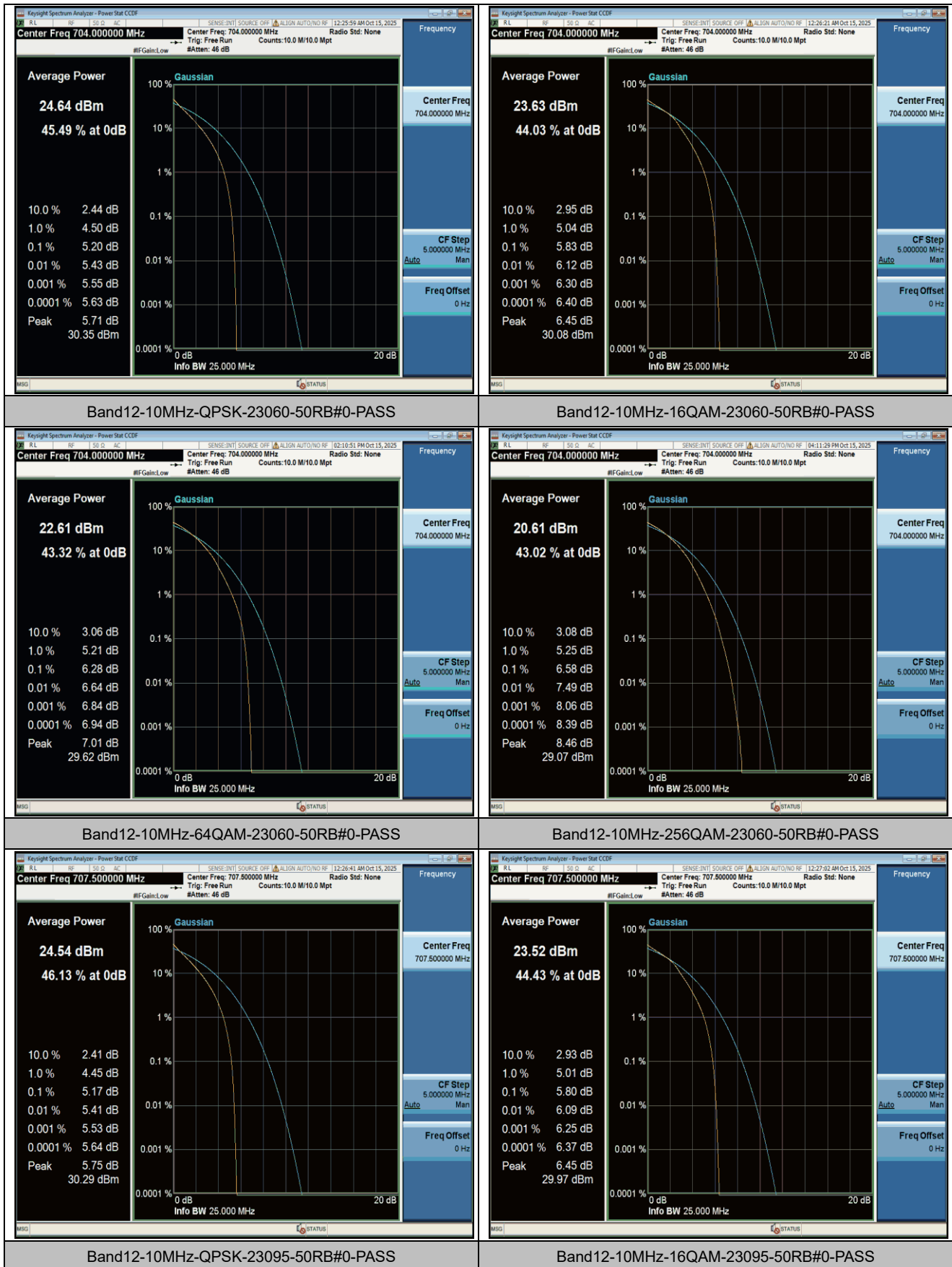


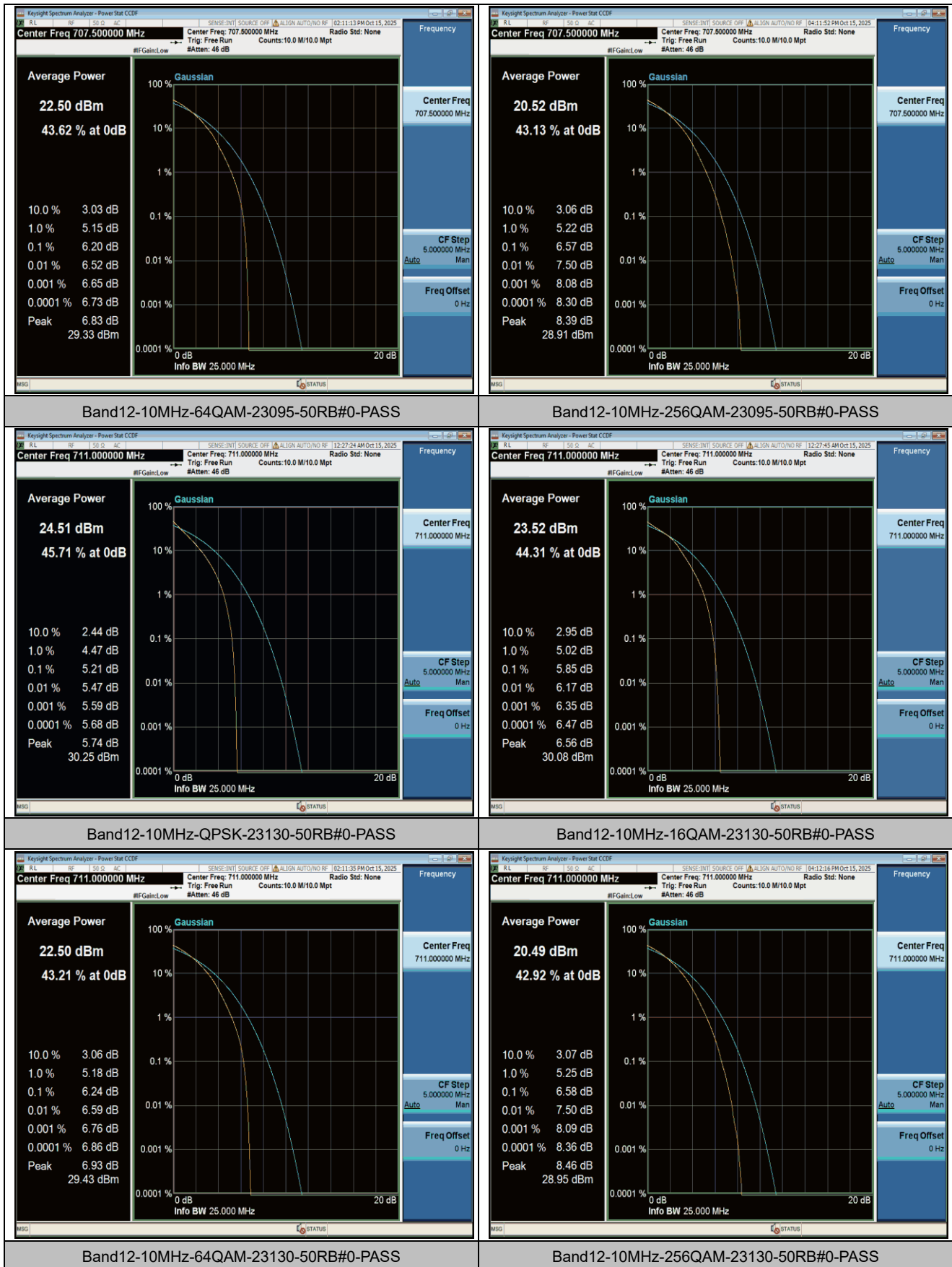












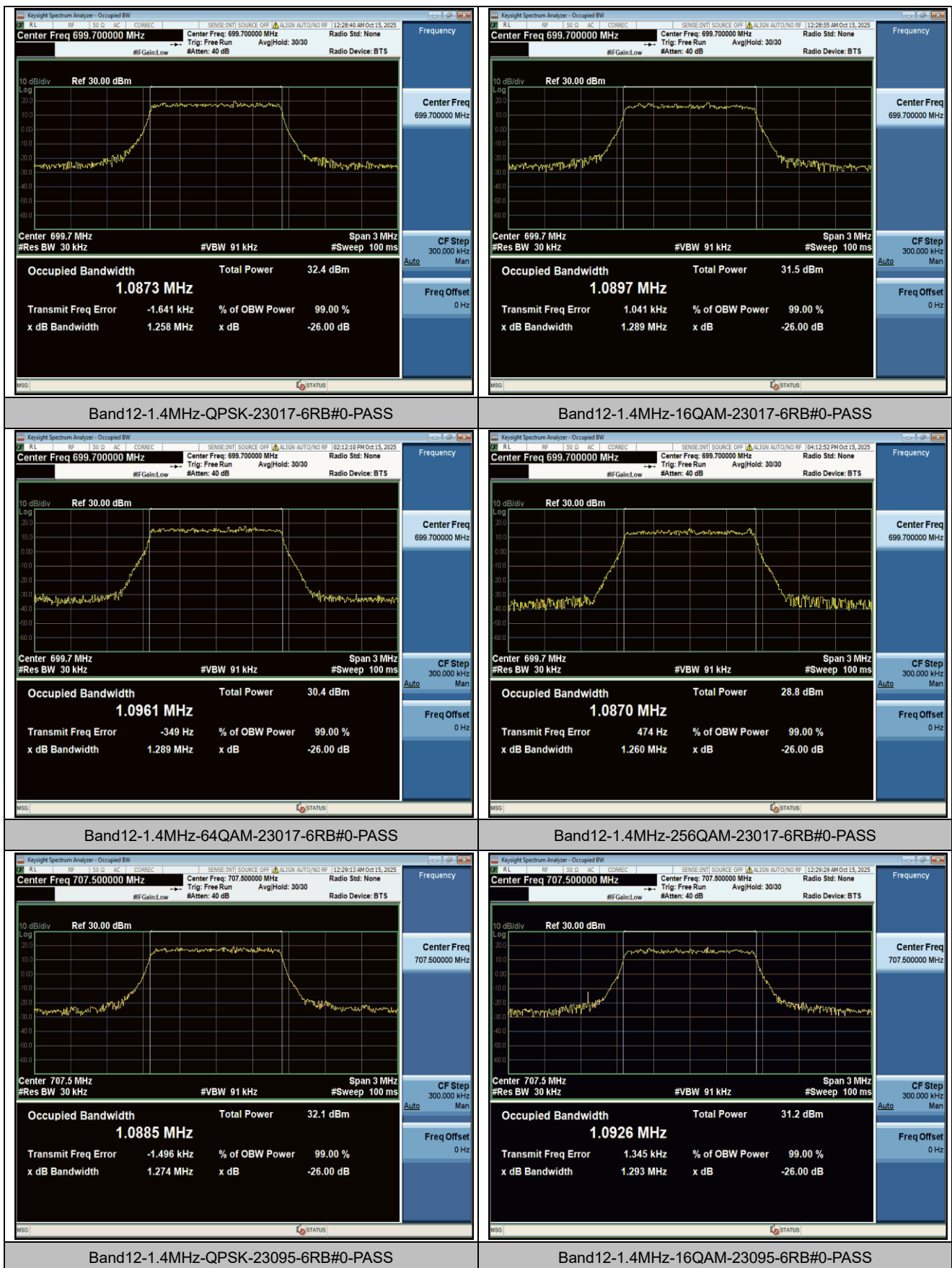
26dB Bandwidth and Occupied Bandwidth

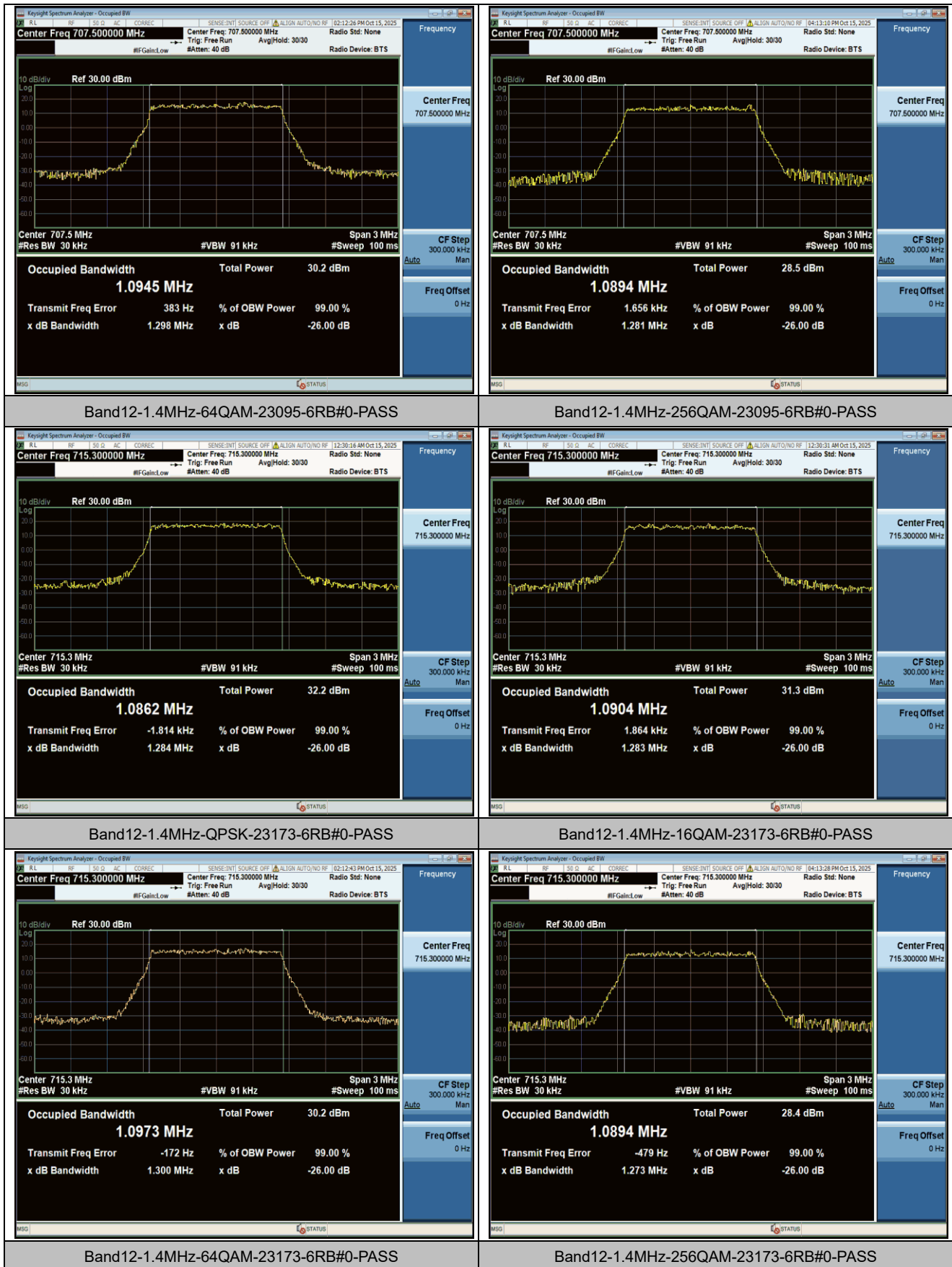
Test Result

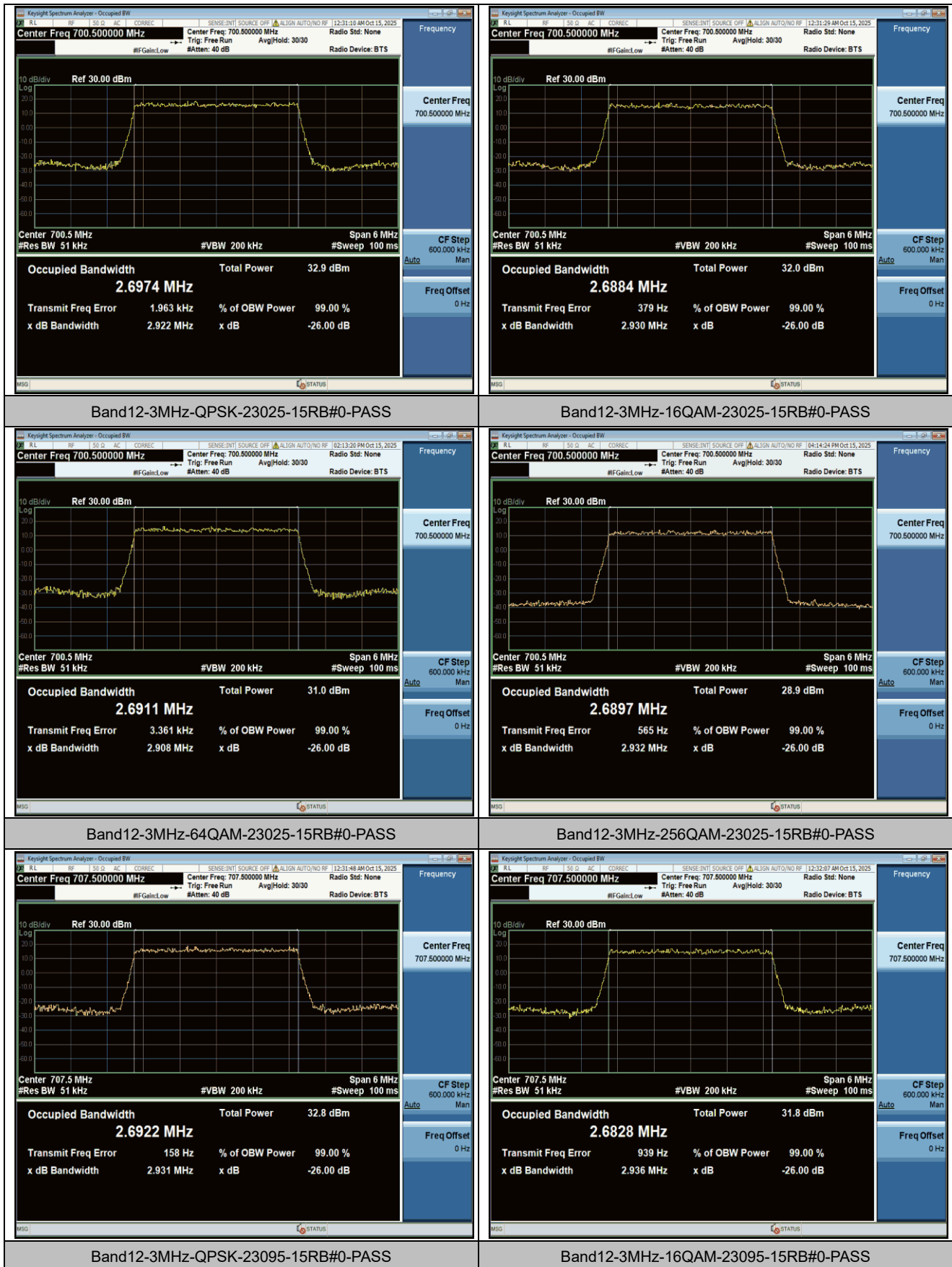
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0873	1.258	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0897	1.289	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0961	1.289	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.0870	1.260	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0885	1.274	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0926	1.293	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0945	1.298	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.0894	1.281	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0862	1.284	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0904	1.283	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0973	1.300	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.0894	1.273	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6974	2.922	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6884	2.930	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6911	2.908	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.6897	2.932	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6922	2.931	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6828	2.936	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6879	2.917	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.6845	2.926	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6905	2.935	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6905	2.941	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6864	2.911	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.6884	2.947	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4871	4.950	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4858	4.967	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4966	4.960	PASS
Band12	5MHz	256QAM	23035	25RB#0	4.4835	4.909	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4820	4.941	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4813	4.952	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4932	4.940	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.4746	4.892	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4842	4.955	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4876	4.961	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.4969	4.968	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.4832	4.985	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9789	9.744	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9511	9.721	PASS

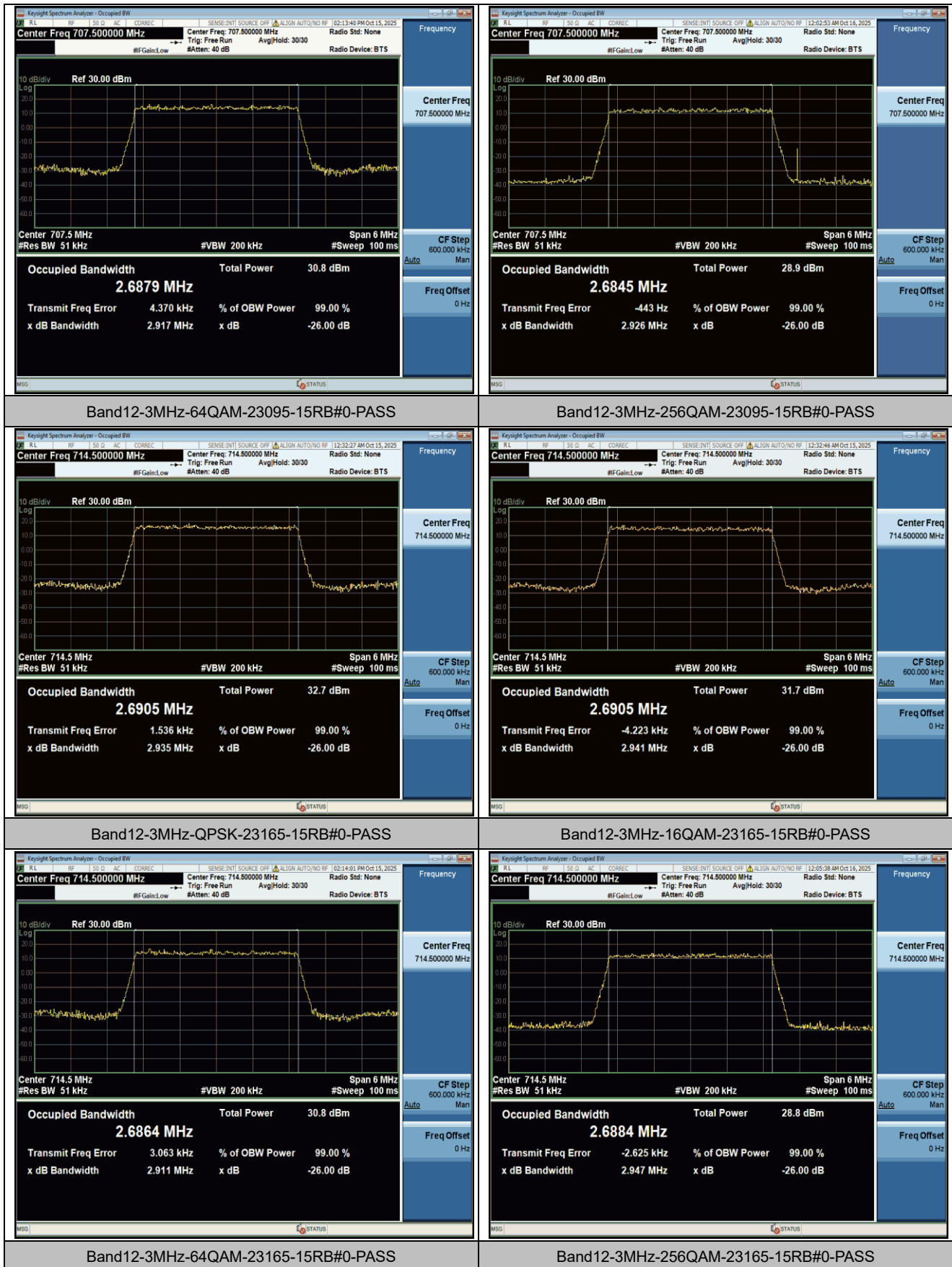
Band12	10MHz	64QAM	23060	50RB#0	8.9825	9.852	PASS
Band12	10MHz	256QAM	23060	50RB#0	8.9698	9.742	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9924	9.803	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9473	9.737	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9915	9.810	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9663	9.756	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9901	9.760	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9595	10.04	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9593	9.862	PASS
Band12	10MHz	256QAM	23130	50RB#0	8.9663	9.809	PASS

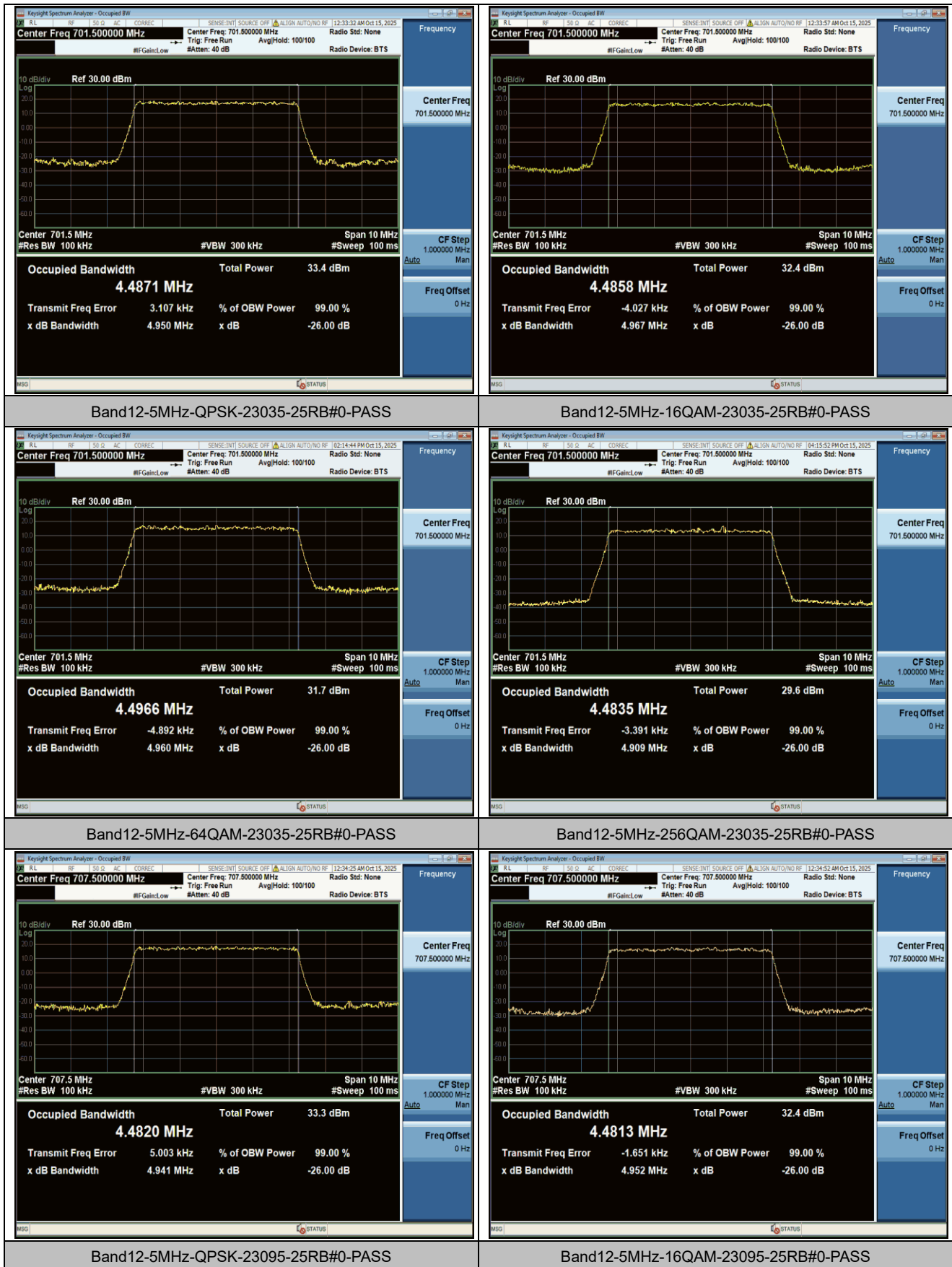
Test Graphs

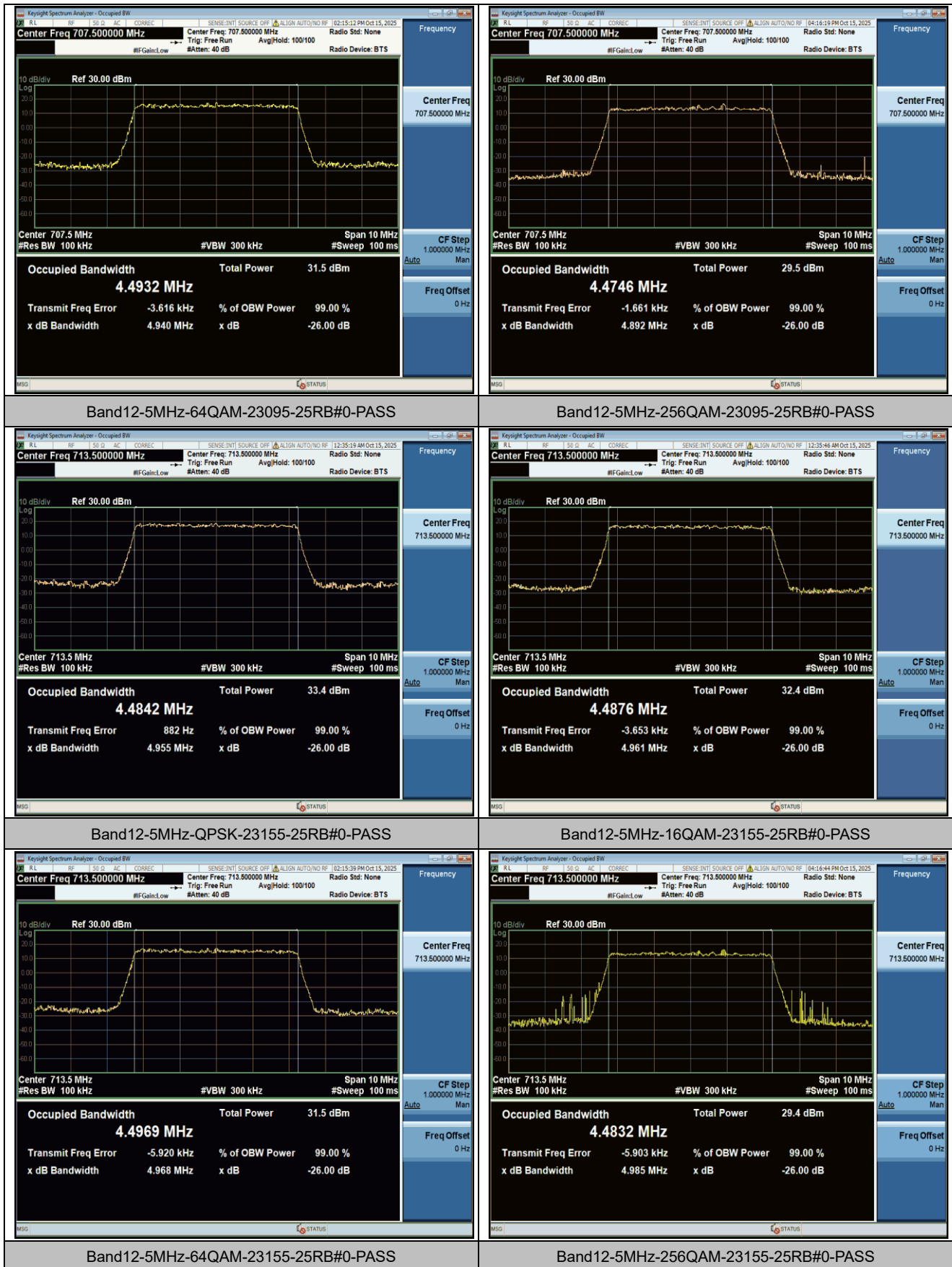


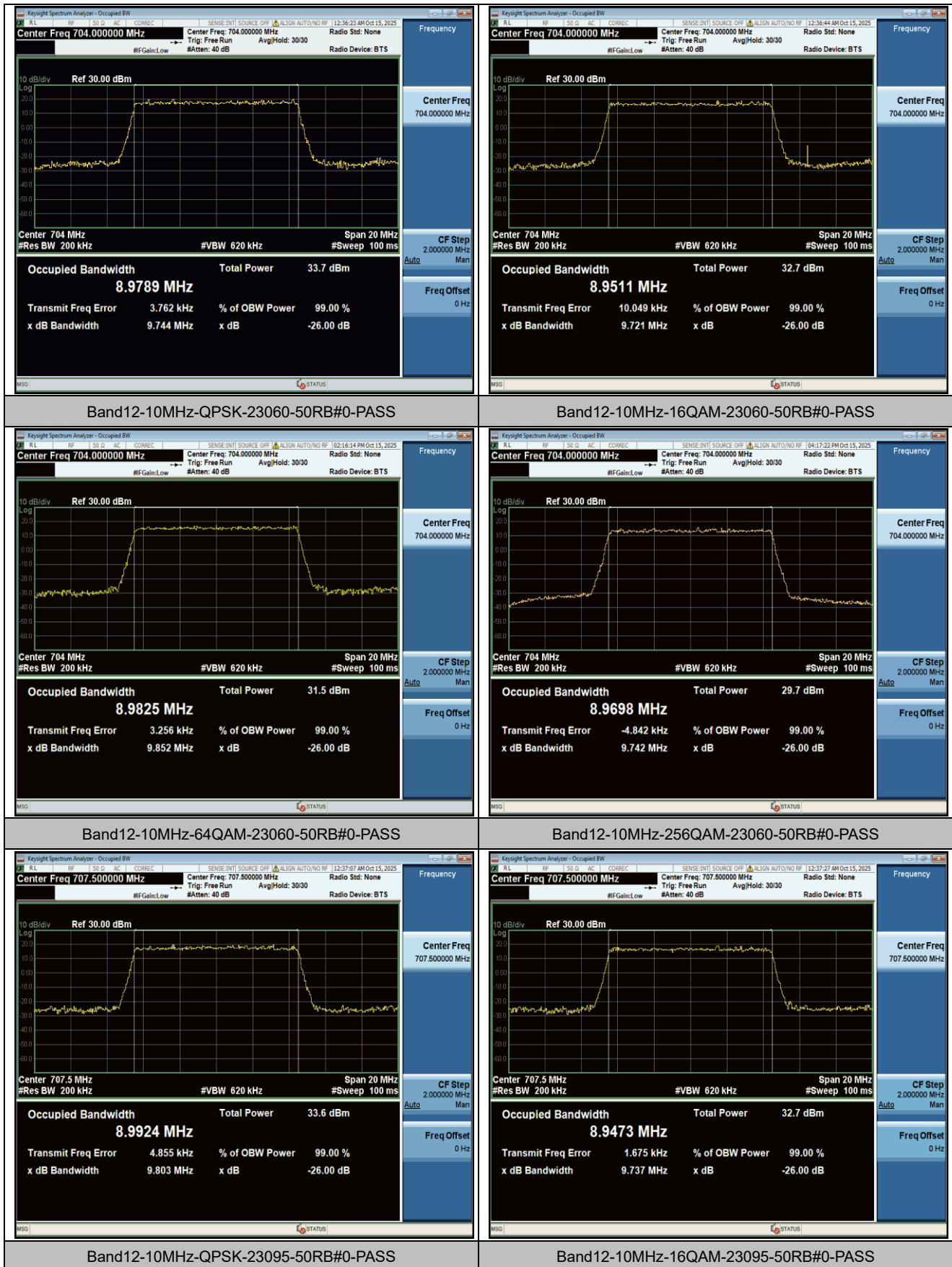


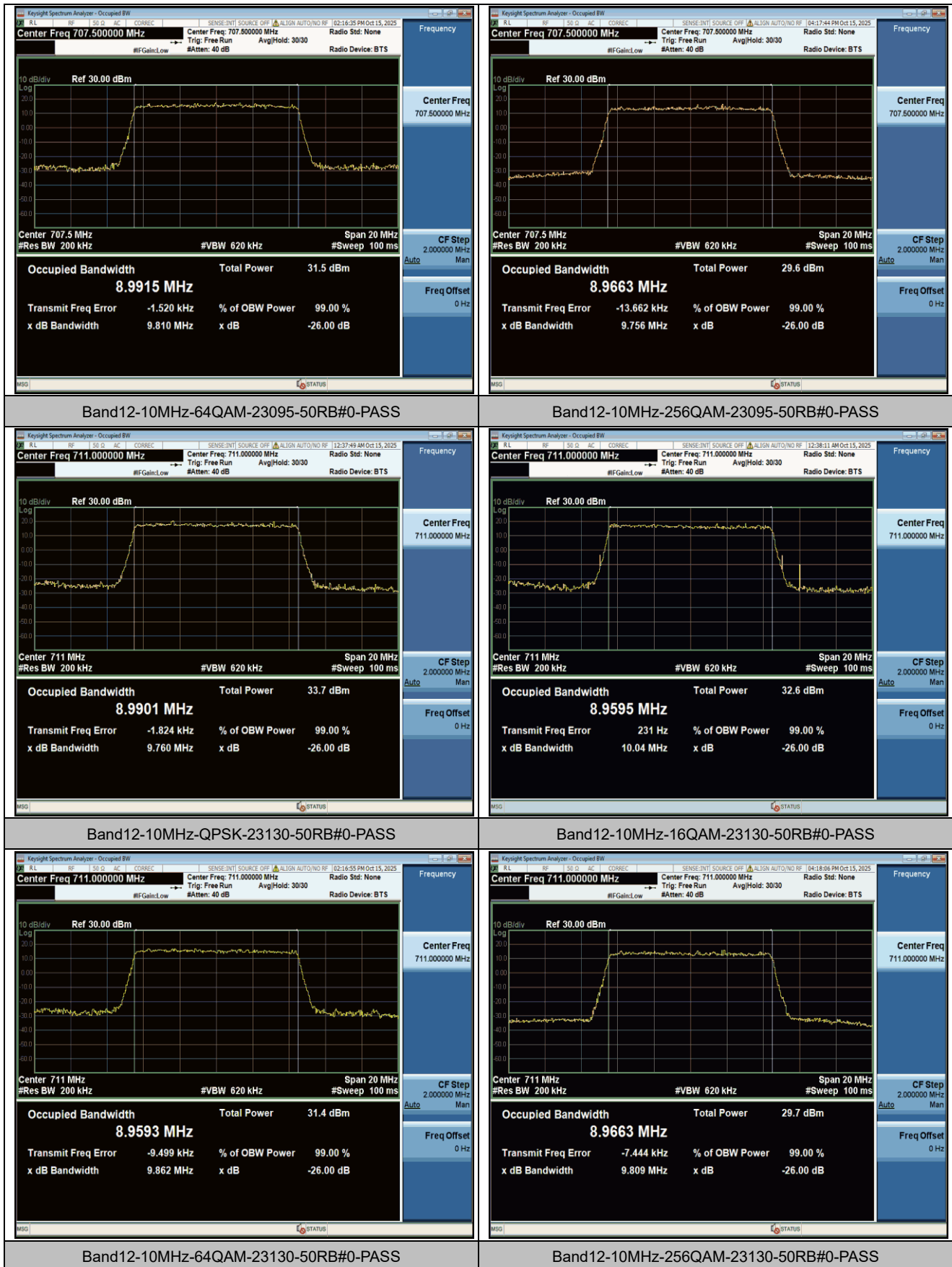






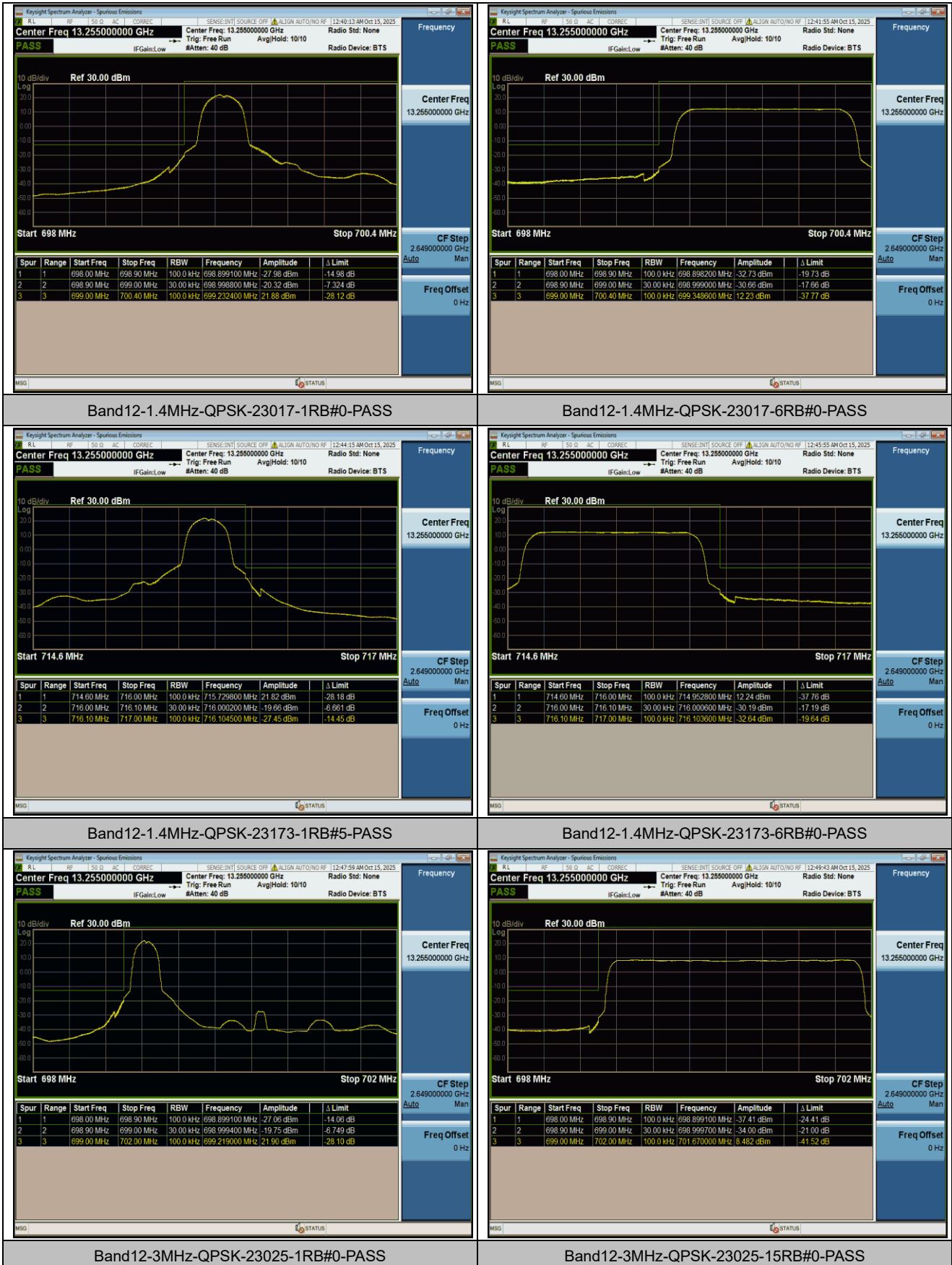


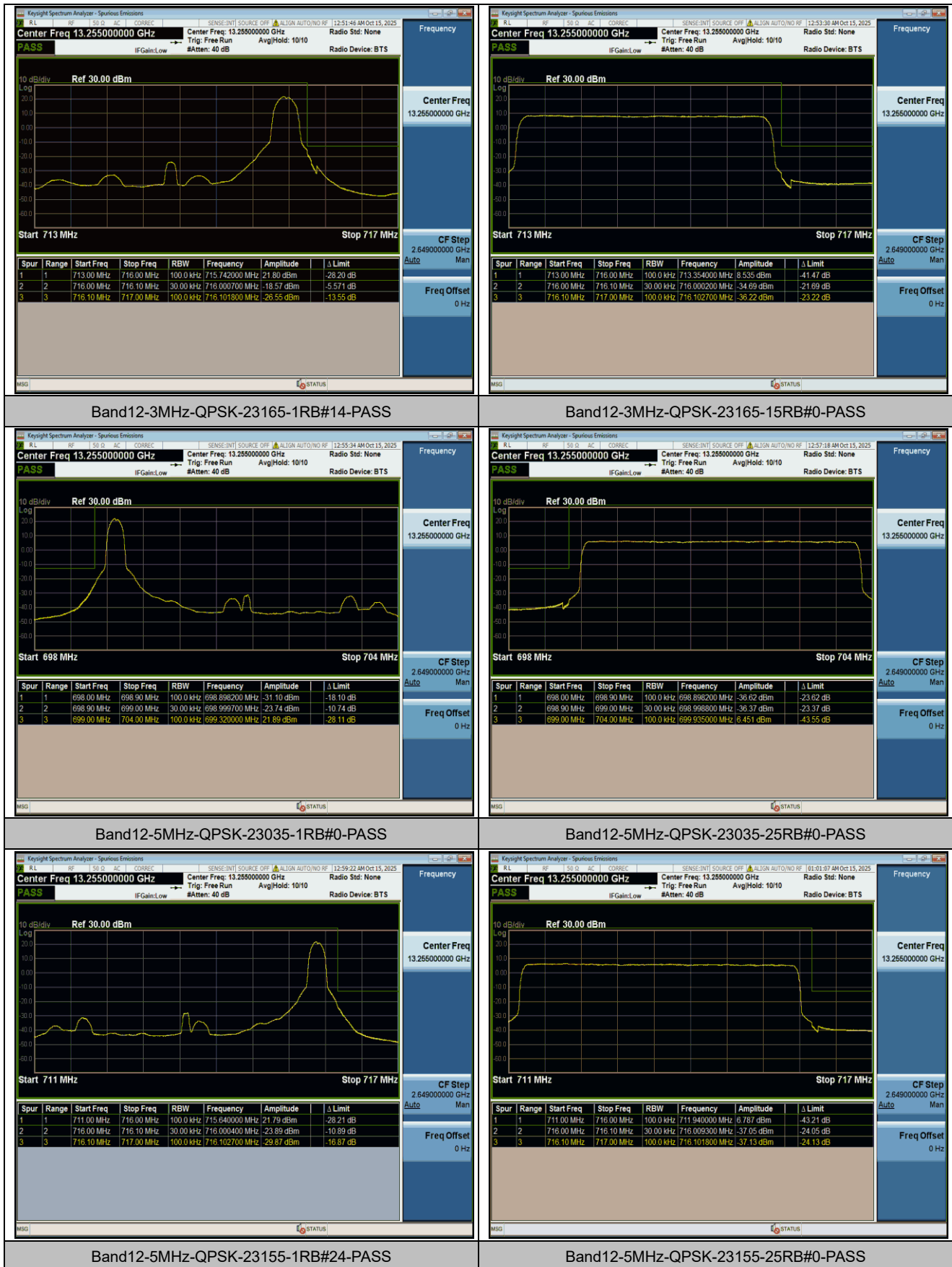


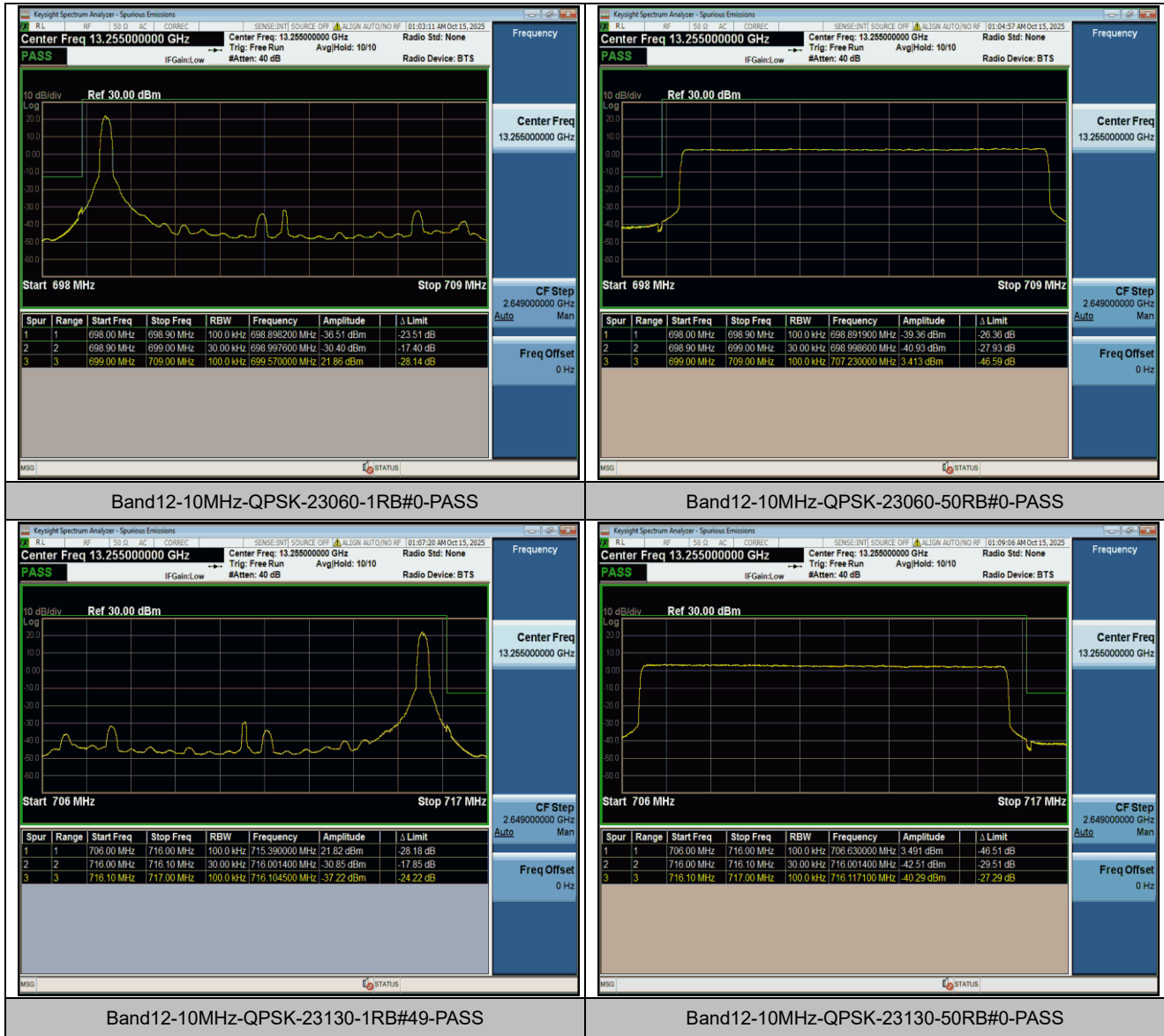


Band Edge

Test Graphs

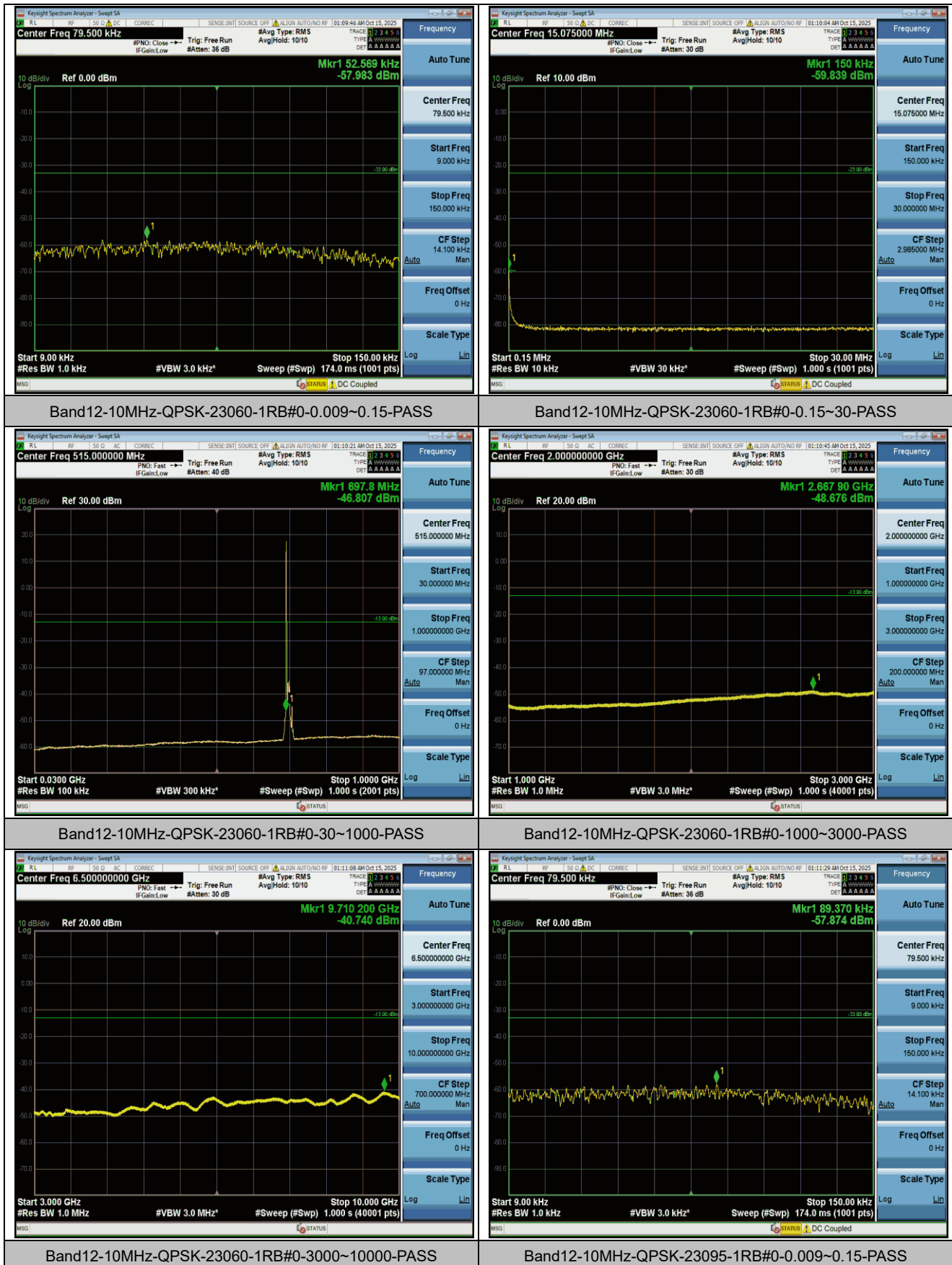


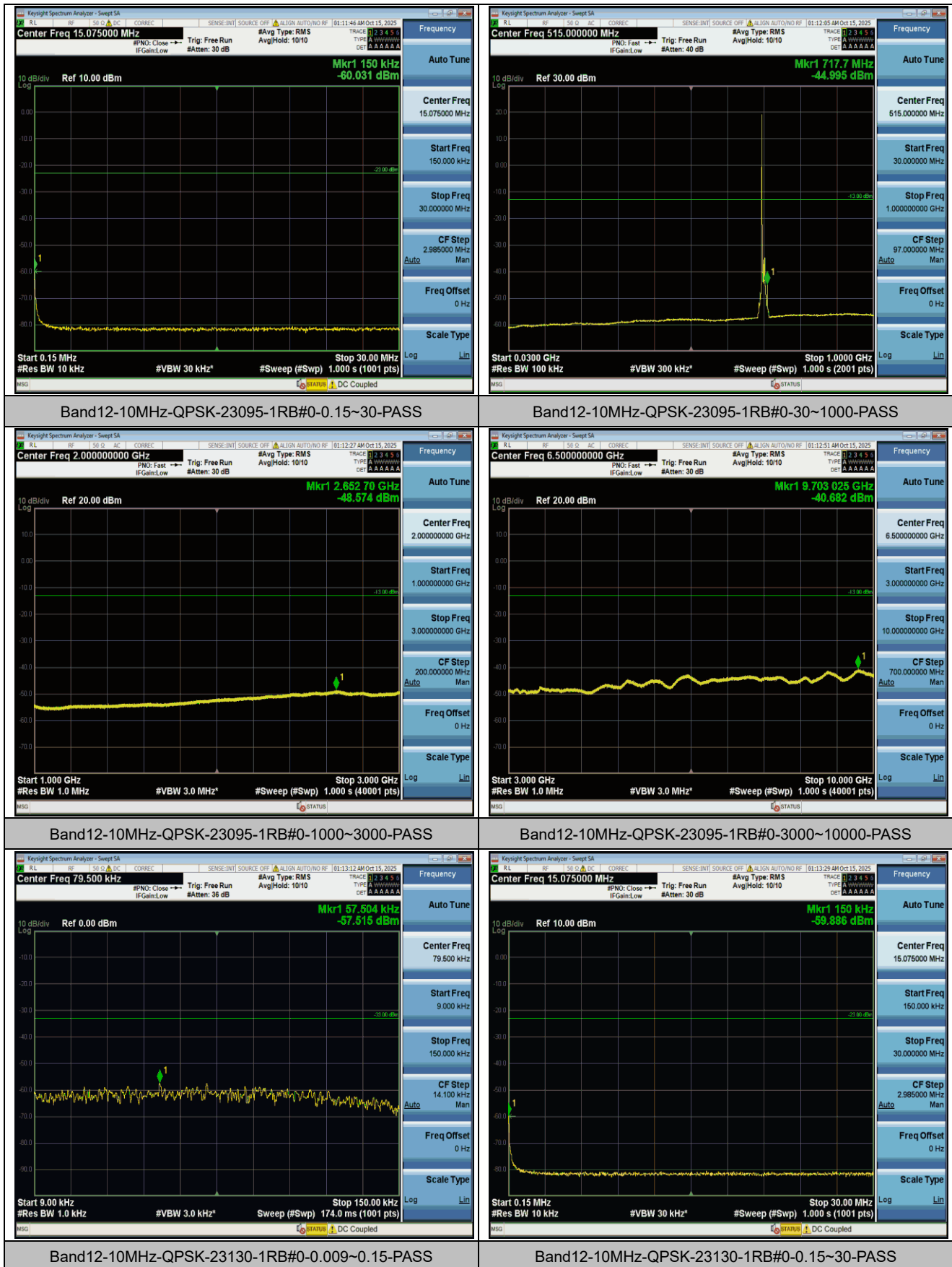




Conducted Spurious Emission

Test Graphs







Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS



Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-1.80	-0.002544	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	0.10	0.000141	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-0.90	-0.001272	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.10	-0.002968	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-1.20	-0.001696	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	0.20	0.000283	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.30	-0.001837	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	0.70	0.000989	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-0.80	-0.001131	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-1.70	-0.002403	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-2.00	-0.002827	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-0.40	-0.000565	PASS

~The End~