

Appendix-A 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	24.37	21.72	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.38	21.73	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.38	21.73	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.38	20.73	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.42	21.77	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.47	21.82	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.37	21.72	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.32	20.67	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.45	21.8	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.49	21.84	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.38	21.73	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.4	20.75	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.27	20.62	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.43	20.78	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.29	20.64	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.42	19.77	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.48	20.83	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.46	20.81	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.5	20.85	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.39	19.74	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.47	20.82	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.34	20.69	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.29	20.64	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.43	19.78	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.37	19.72	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.47	19.82	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.63	19.98	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.31	18.66	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.35	19.7	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.25	19.6	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.23	19.58	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.31	18.66	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.42	19.77	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.25	19.6	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.42	19.77	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.31	18.66	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	19.44	16.79	34.77	PASS

Band12	1.4MHz	256QAM	23017	1RB#2	19.41	16.76	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	19.01	16.36	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	19.25	16.6	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	19.16	16.51	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	19.29	16.64	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	19.38	16.73	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	19.12	16.47	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	19.12	16.47	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	19.28	16.63	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	19.3	16.65	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	19.22	16.57	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.33	21.68	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.44	21.79	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.35	21.7	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.44	20.79	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.39	21.74	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.4	21.75	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.41	21.76	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.39	20.74	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.34	21.69	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.45	21.8	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.39	21.74	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.43	20.78	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.45	20.8	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.28	20.63	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.39	20.74	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.42	19.77	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.28	20.63	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.55	20.9	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.27	20.62	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.32	19.67	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.26	20.61	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.58	20.93	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.42	20.77	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.36	19.71	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.51	19.86	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.37	19.72	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.38	19.73	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.26	18.61	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.56	19.91	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.45	19.8	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.58	19.93	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.18	18.53	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.48	19.83	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.68	20.03	34.77	PASS

Band12	3MHz	64QAM	23165	1RB#14	22.56	19.91	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.26	18.61	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	19.4	16.75	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	19.23	16.58	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	19.05	16.4	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	19.25	16.6	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	19.13	16.48	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	19.6	16.95	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	19.09	16.44	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	19.19	16.54	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.98	16.33	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	19.56	16.91	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	19.21	16.56	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	19.25	16.6	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.39	21.74	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.44	21.79	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.36	21.71	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.47	20.82	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.45	21.8	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.55	21.9	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.44	21.79	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.41	20.76	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.53	21.88	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.46	21.81	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.51	21.86	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.42	20.77	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.34	20.69	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.45	20.8	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.33	20.68	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.43	19.78	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.5	20.85	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.52	20.87	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.28	20.63	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.4	19.75	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.48	20.83	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.64	20.99	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.33	20.68	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.43	19.78	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.72	20.07	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.61	19.96	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.53	19.88	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.33	18.68	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.4	19.75	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.84	20.19	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.4	19.75	34.77	PASS

Band12	5MHz	64QAM	23095	25RB#0	21.33	18.68	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.42	19.77	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.42	19.77	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.61	19.96	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.34	18.69	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	19.44	16.79	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	19.37	16.72	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	19.32	16.67	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	19.24	16.59	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	18.77	16.12	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	19.89	17.24	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	19.5	16.85	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	19.72	17.07	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.82	16.17	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	19.7	17.05	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	19.43	16.78	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	19.48	16.83	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.42	21.77	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.41	21.76	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.4	21.75	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.51	20.86	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.4	21.75	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.43	21.78	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.42	21.77	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.44	20.79	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.54	21.89	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.45	21.8	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.39	21.74	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.45	20.8	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.33	20.68	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.31	20.66	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.34	20.69	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.46	19.81	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.4	20.75	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.55	20.9	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.33	20.68	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.43	19.78	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.32	20.67	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.41	20.76	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.52	20.87	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.44	19.79	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.61	19.96	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.29	19.64	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.53	19.88	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.42	18.77	34.77	PASS

Band12	10MHz	64QAM	23095	1RB#0	22.61	19.96	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.53	19.88	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.13	19.48	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.25	18.6	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.54	19.89	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.52	19.87	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.79	20.14	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.31	18.66	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	20.13	17.48	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	19.97	17.32	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	19.5	16.85	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	19.81	17.16	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	18.91	16.26	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	19.84	17.19	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	19.66	17.01	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	19.65	17	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.83	16.18	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	19.73	17.08	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	19.45	16.8	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	19.5	16.85	34.77	PASS

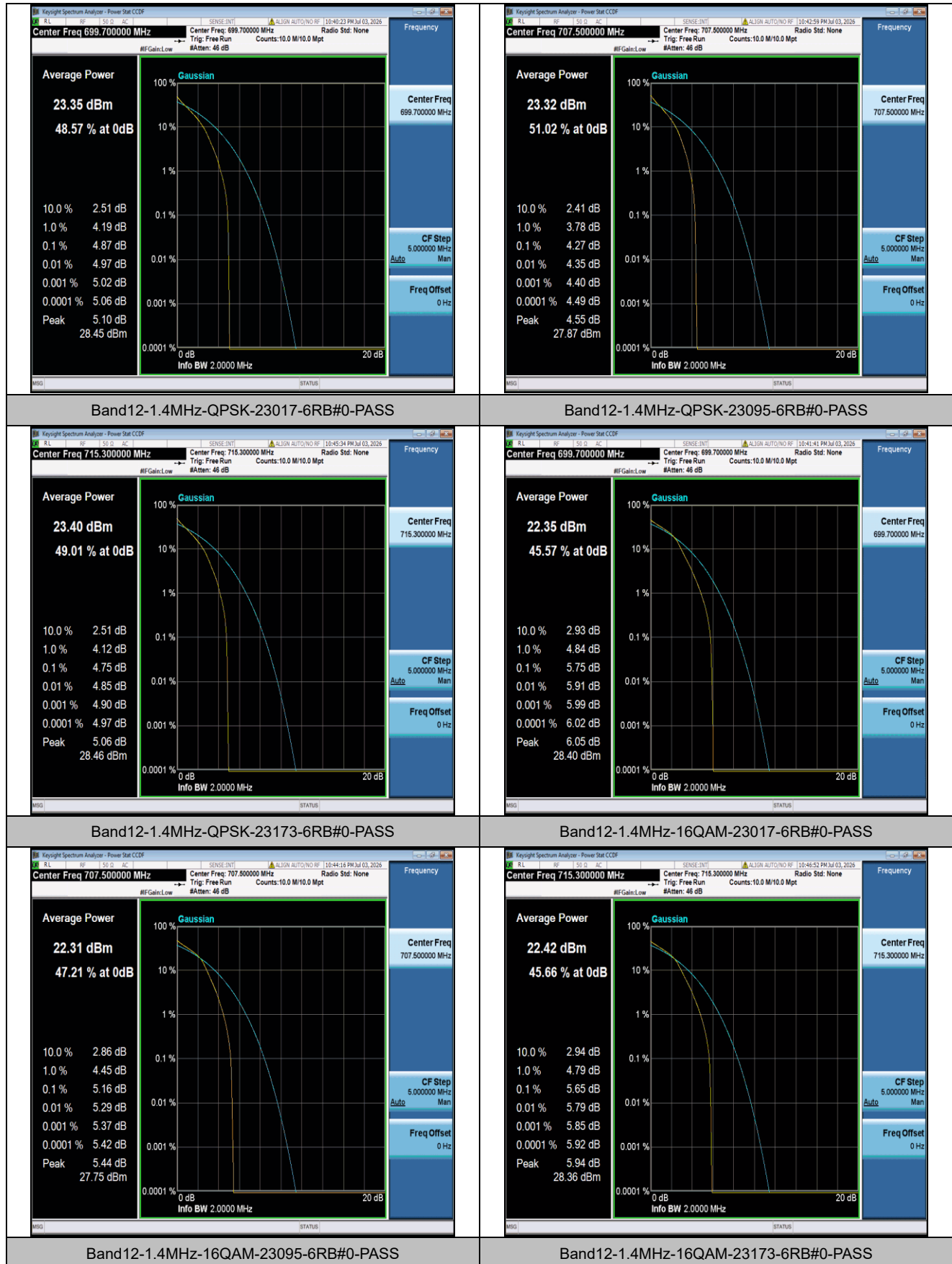
Peak-to-Average Ratio(CCDF)

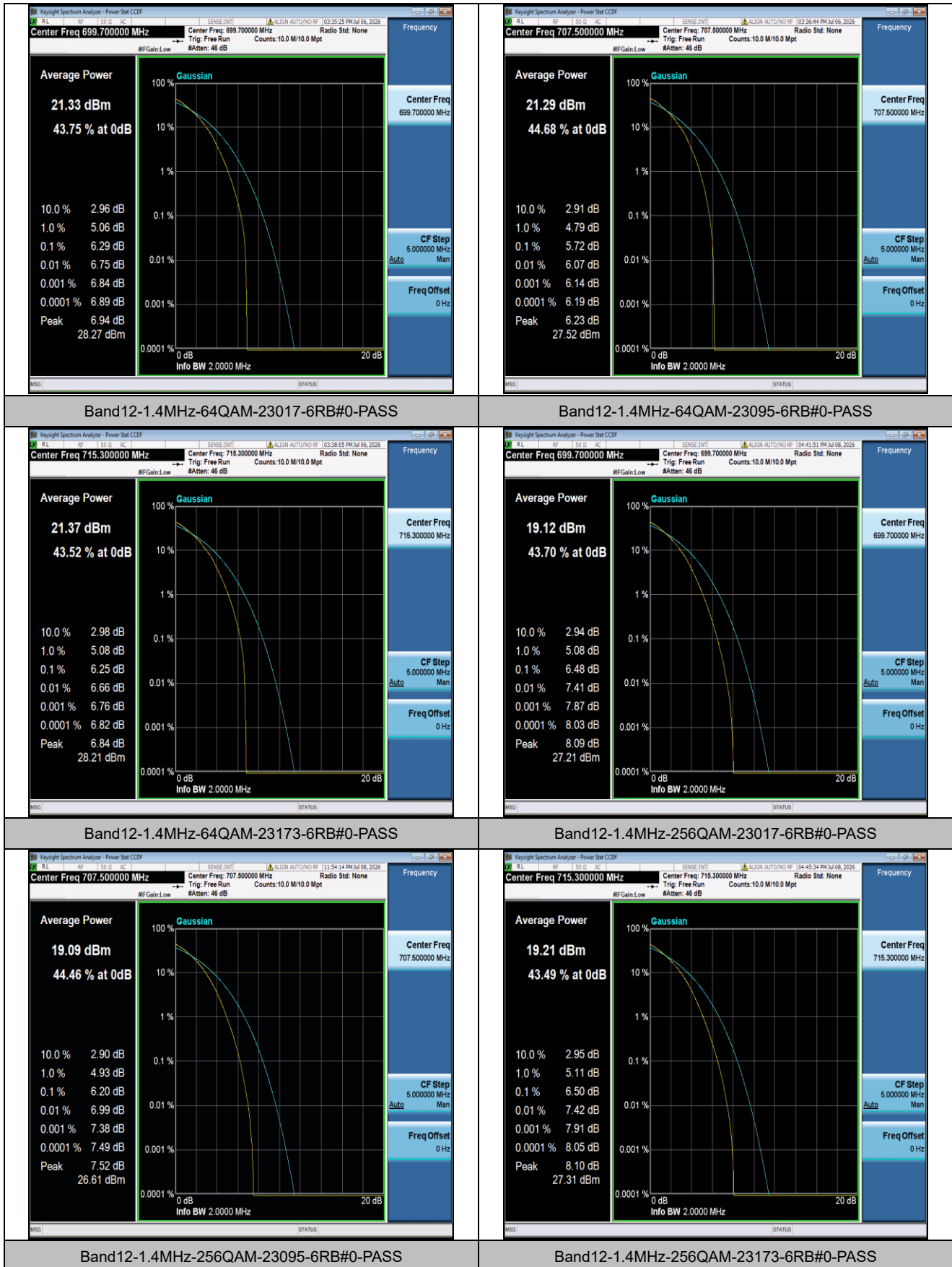
Test Result

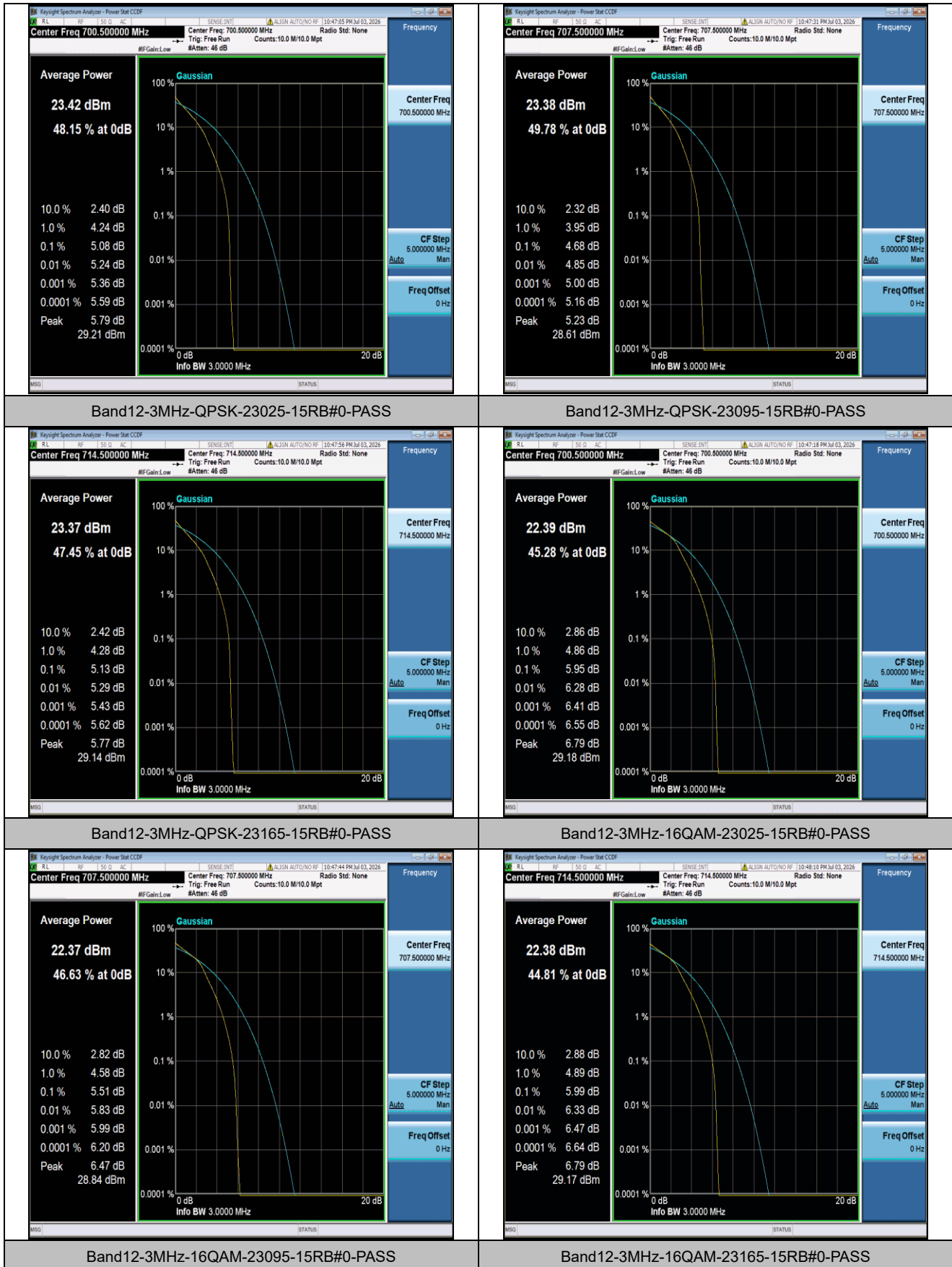
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.87	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.27	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.75	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.75	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.16	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.65	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.29	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.72	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.25	13	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	6.48	13	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	6.20	13	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	6.50	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.08	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.68	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.13	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.95	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.51	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.99	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	6.38	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	5.98	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.45	13	PASS
Band12	3MHz	256QAM	23025	15RB#0	6.51	13	PASS
Band12	3MHz	256QAM	23095	15RB#0	6.31	13	PASS
Band12	3MHz	256QAM	23165	15RB#0	6.55	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.06	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.69	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.12	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.88	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.51	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.91	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.28	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	5.94	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.41	13	PASS
Band12	5MHz	256QAM	23035	25RB#0	6.42	13	PASS
Band12	5MHz	256QAM	23095	25RB#0	6.21	13	PASS
Band12	5MHz	256QAM	23155	25RB#0	6.47	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.70	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.54	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.62	13	PASS

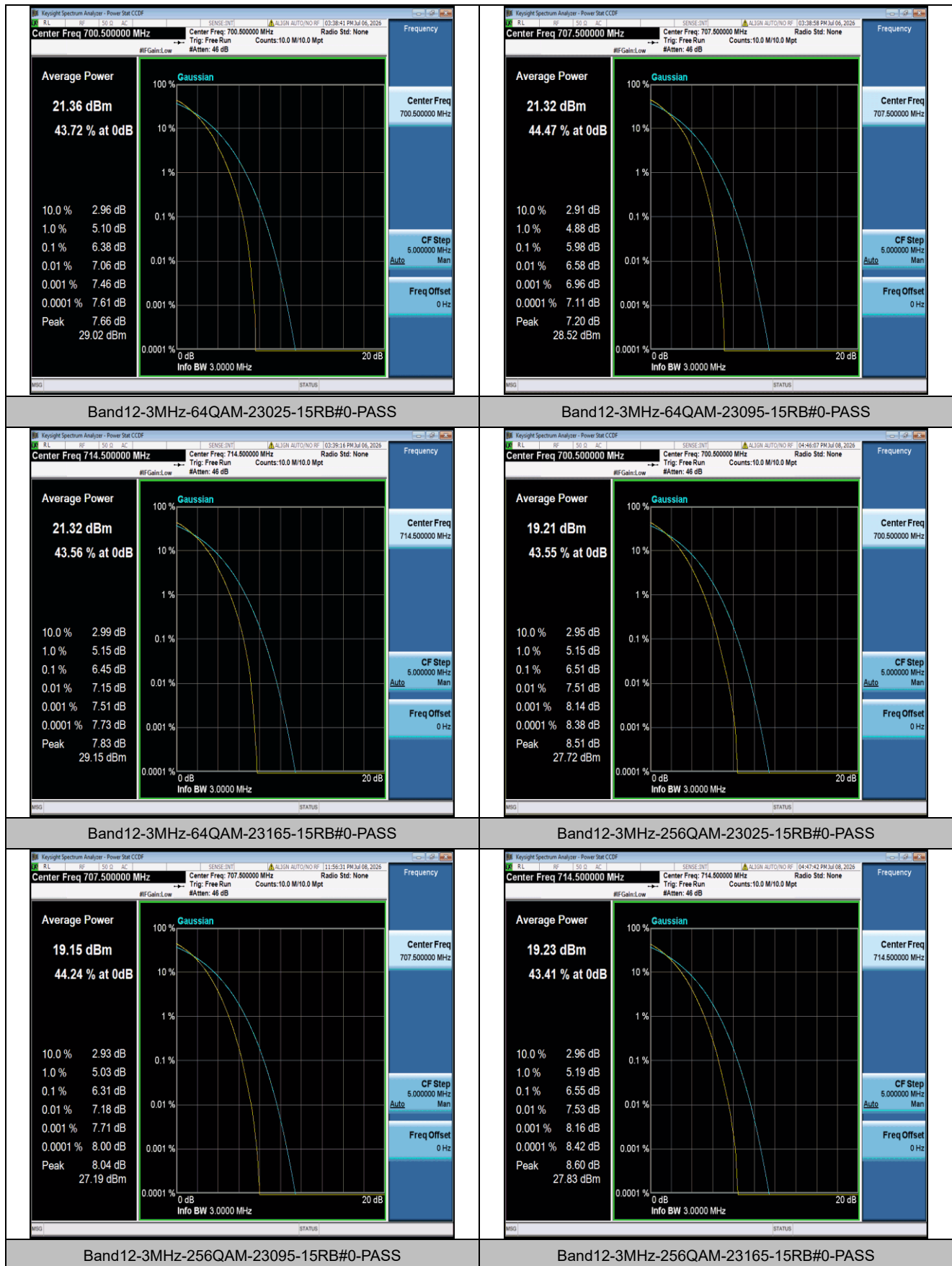
Band12	10MHz	16QAM	23060	50RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.38	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.50	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.08	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.90	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	5.99	13	PASS
Band12	10MHz	256QAM	23060	50RB#0	6.36	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.21	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.26	13	PASS

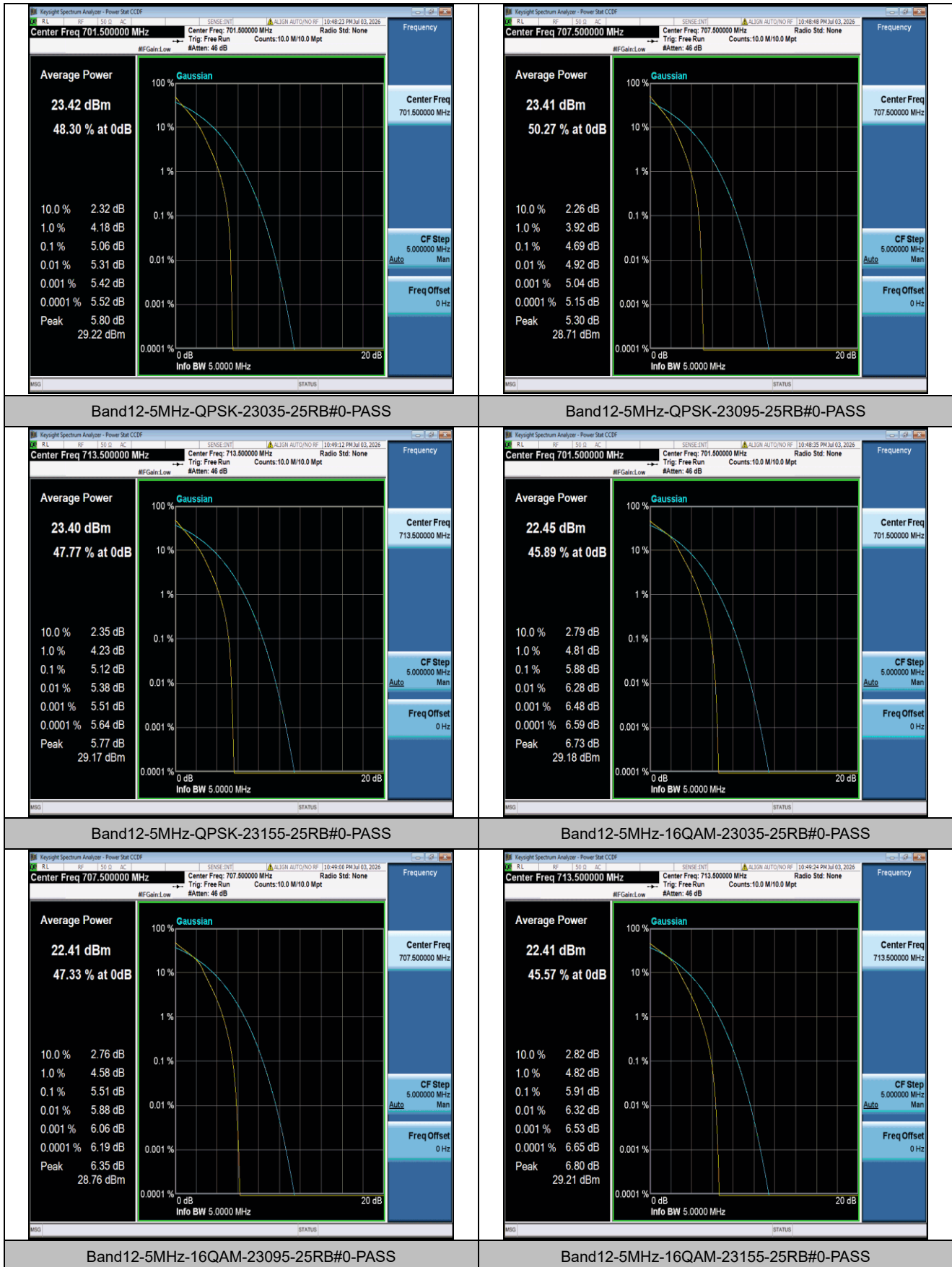
Test Graphs

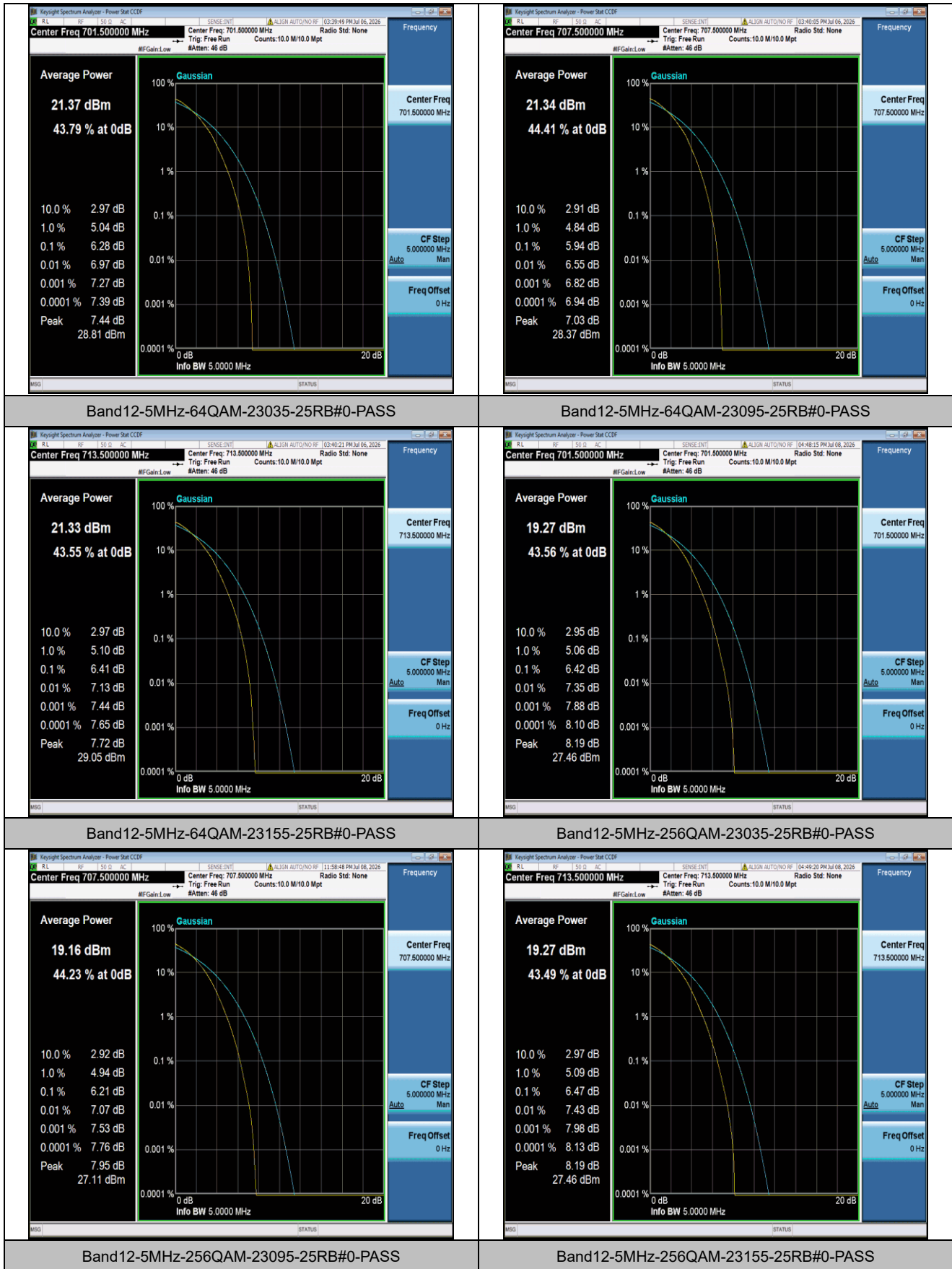


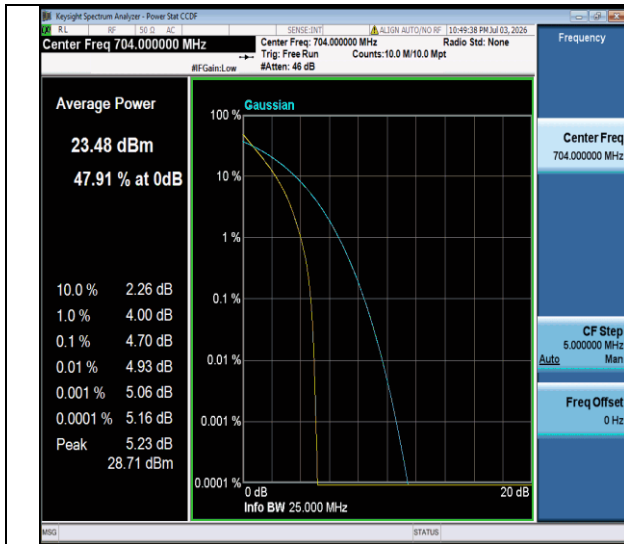




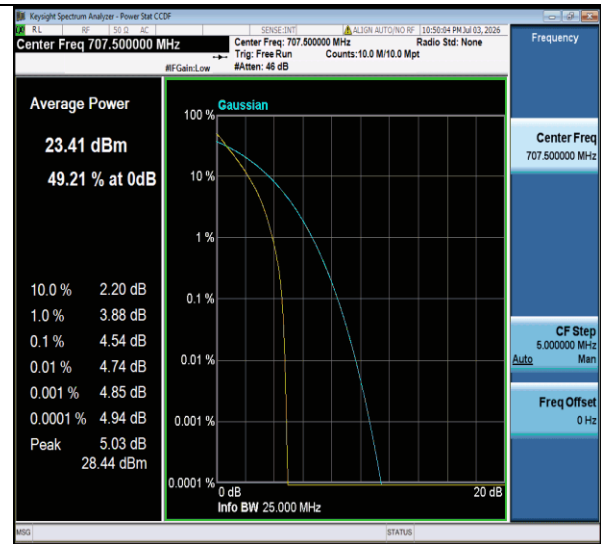




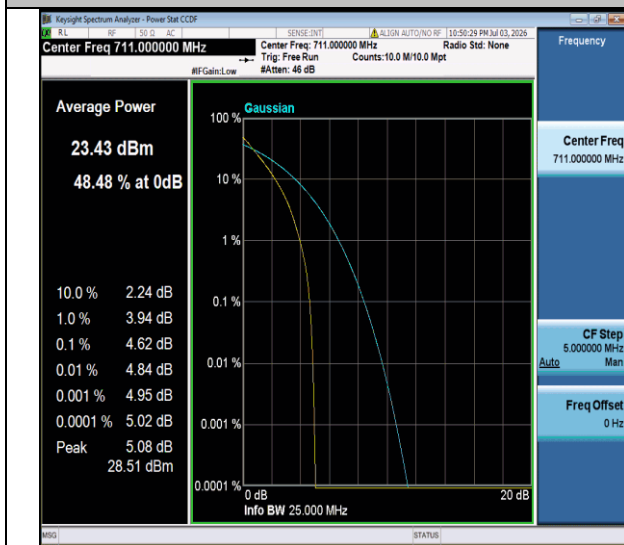




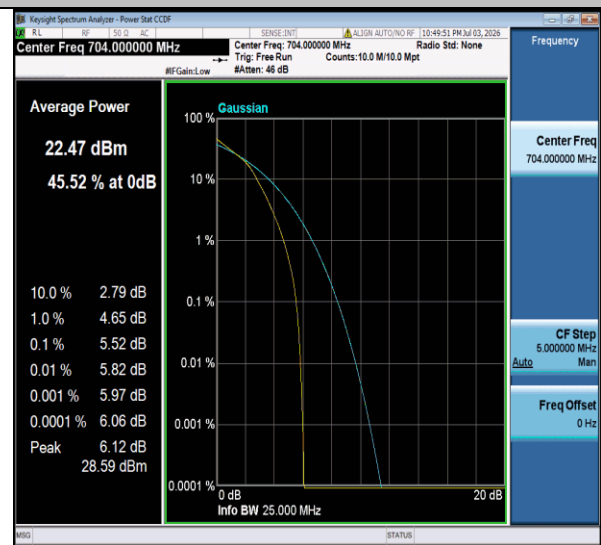
Band12-10MHz-QPSK-23060-50RB#0-PASS



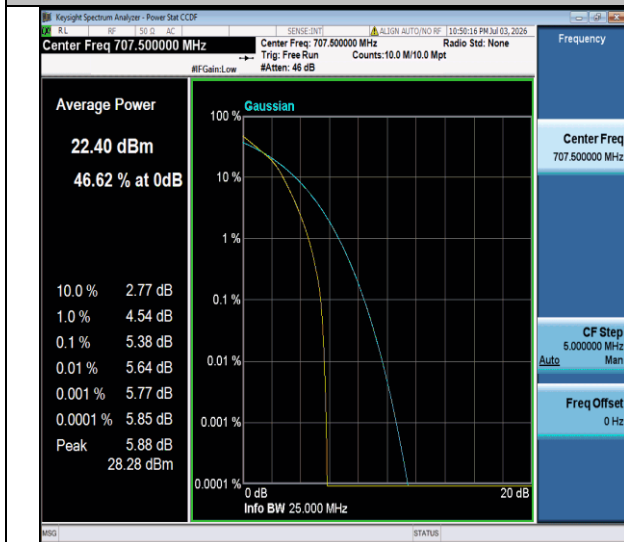
Band12-10MHz-QPSK-23095-50RB#0-PASS



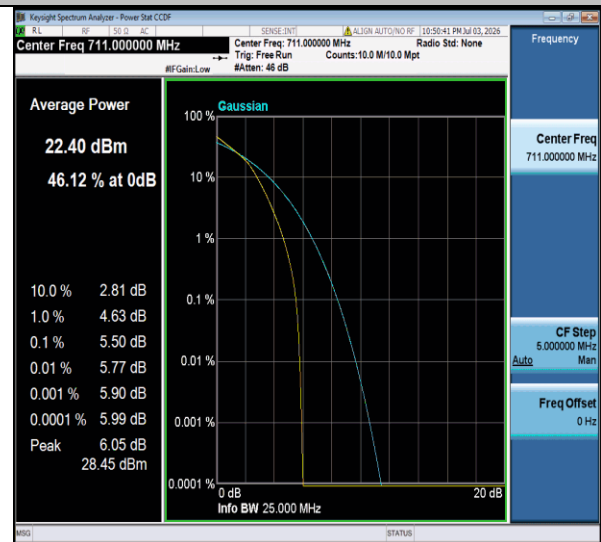
Band12-10MHz-QPSK-23130-50RB#0-PASS



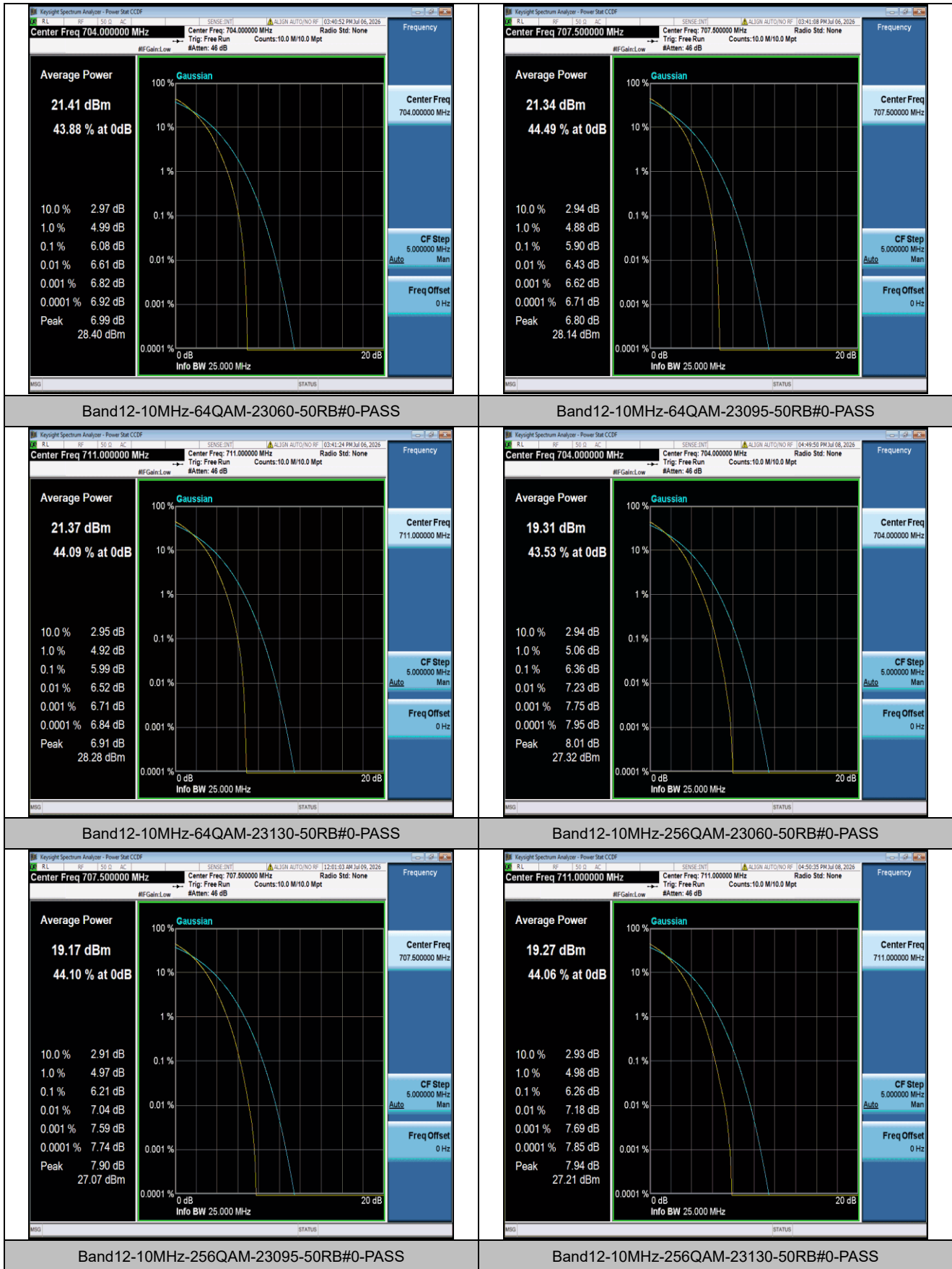
Band12-10MHz-16QAM-23060-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS



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	1.1024	1.356	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1072	1.406	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1017	1.370	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1097	1.370	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1052	1.349	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1059	1.366	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.1025	1.341	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.1029	1.355	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.1012	1.340	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.0971	1.332	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.1008	1.370	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.0985	1.348	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7028	3.028	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7015	3.049	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7056	3.060	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7025	3.054	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6976	3.046	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7036	3.098	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6955	3.039	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.7024	3.035	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6987	3.041	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.6938	3.069	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.7022	3.062	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.6997	3.060	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5227	5.164	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5095	5.192	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5245	5.175	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5339	5.189	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5175	5.160	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5221	5.133	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5026	5.233	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5138	5.131	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5158	5.223	PASS
Band12	5MHz	256QAM	23035	25RB#0	4.5076	5.191	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.4983	5.121	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.5044	5.153	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0170	10.06	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9892	10.06	PASS

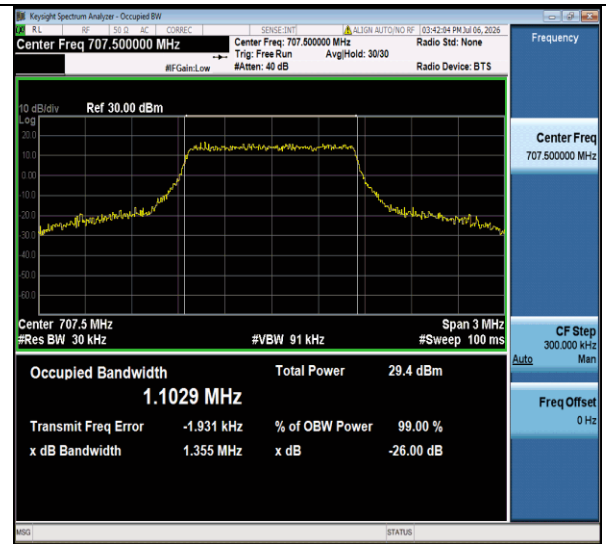
Band12	10MHz	QPSK	23130	50RB#0	8.9850	9.998	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0079	10.11	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9935	9.978	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9824	9.988	PASS
Band12	10MHz	64QAM	23060	50RB#0	9.0117	9.994	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9794	10.00	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9884	10.02	PASS
Band12	10MHz	256QAM	23060	50RB#0	9.0089	9.988	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9965	10.05	PASS
Band12	10MHz	256QAM	23130	50RB#0	8.9786	10.04	PASS

Test Graphs





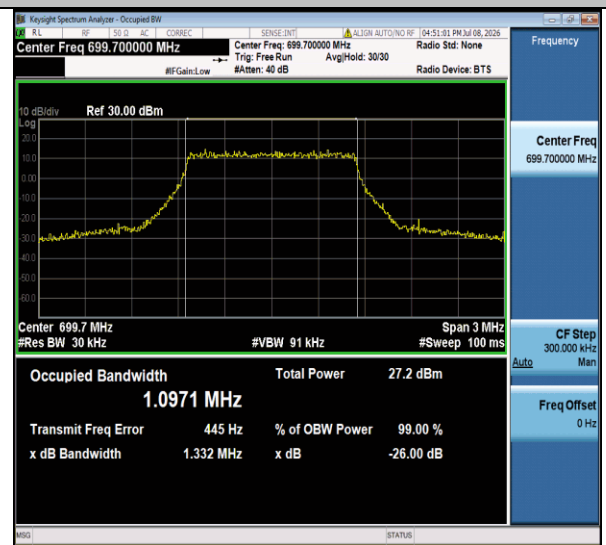
Band12-1.4MHz-64QAM-23017-6RB#0-PASS



Band12-1.4MHz-64QAM-23095-6RB#0-PASS



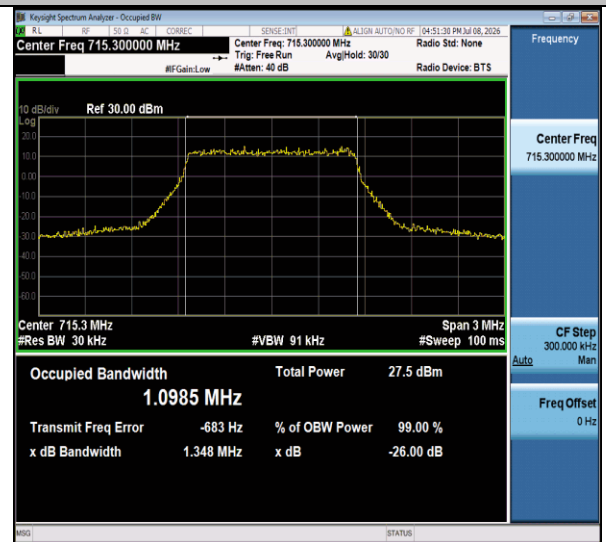
Band12-1.4MHz-64QAM-23173-6RB#0-PASS



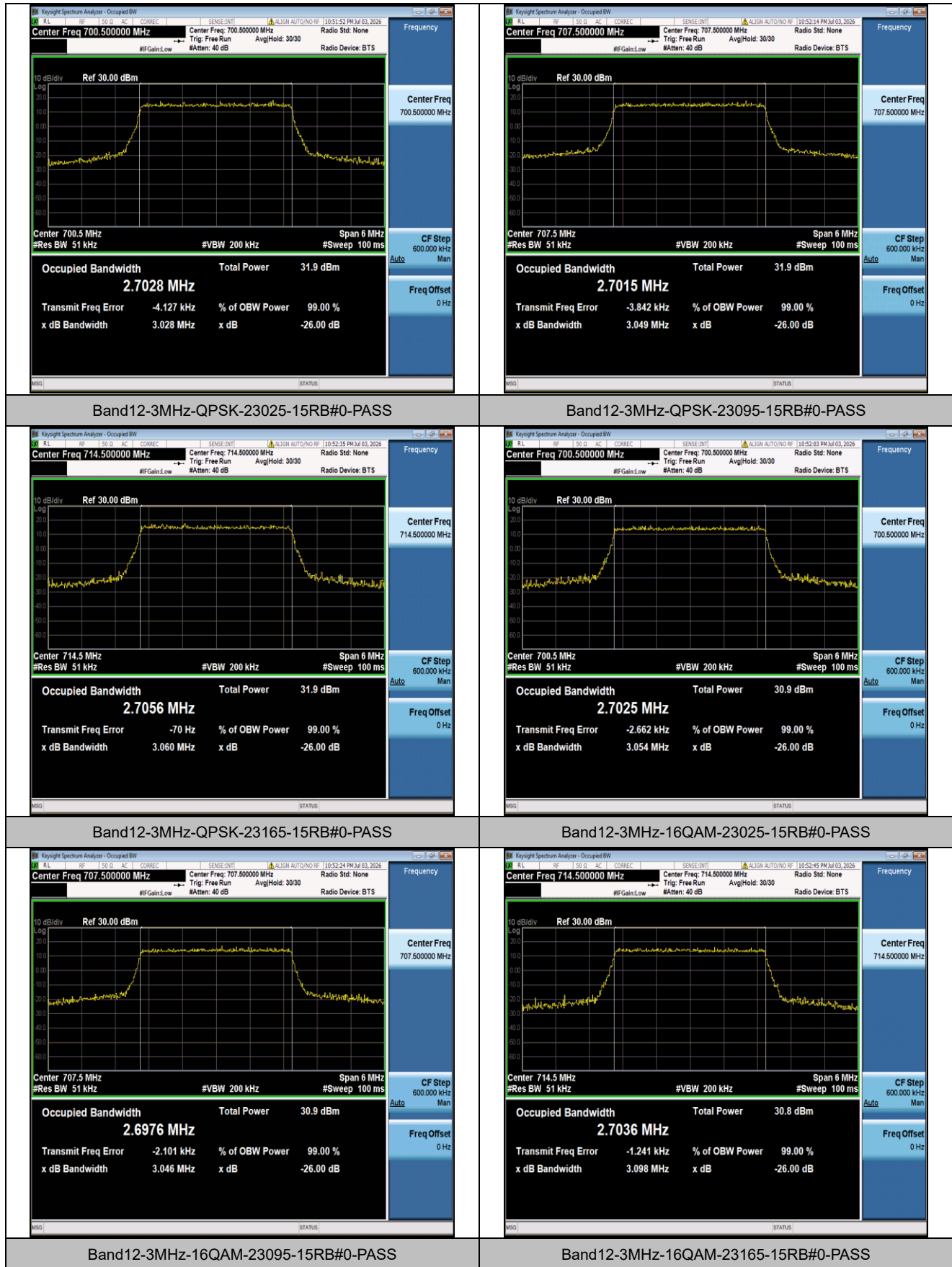
Band12-1.4MHz-256QAM-23017-6RB#0-PASS

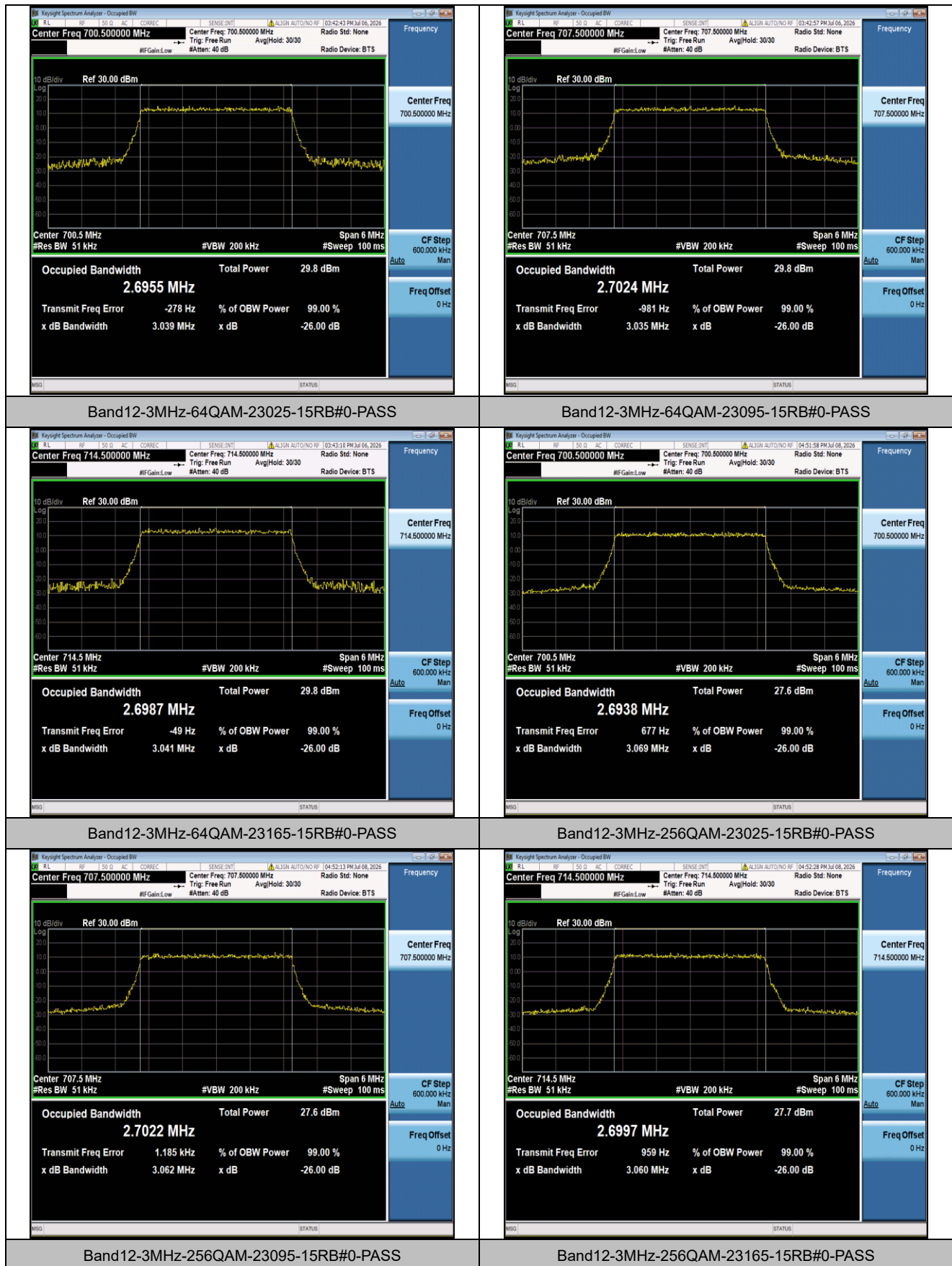


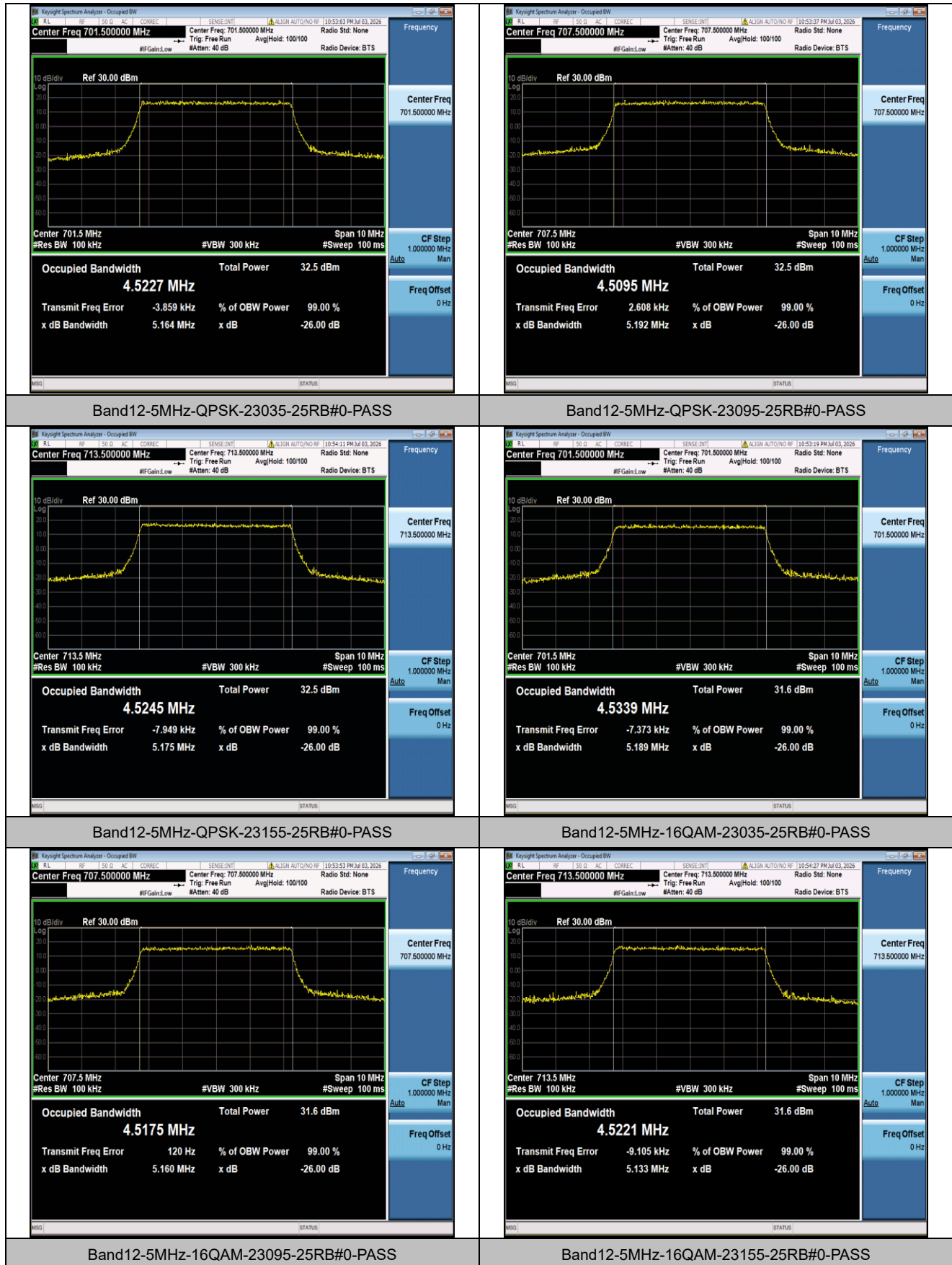
Band12-1.4MHz-256QAM-23095-6RB#0-PASS

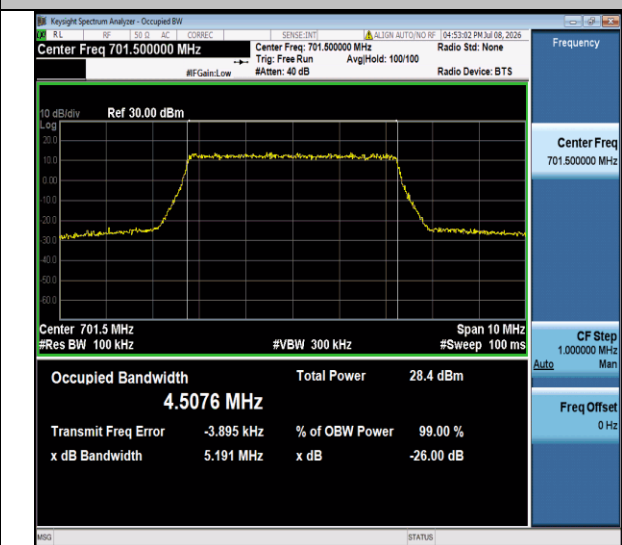


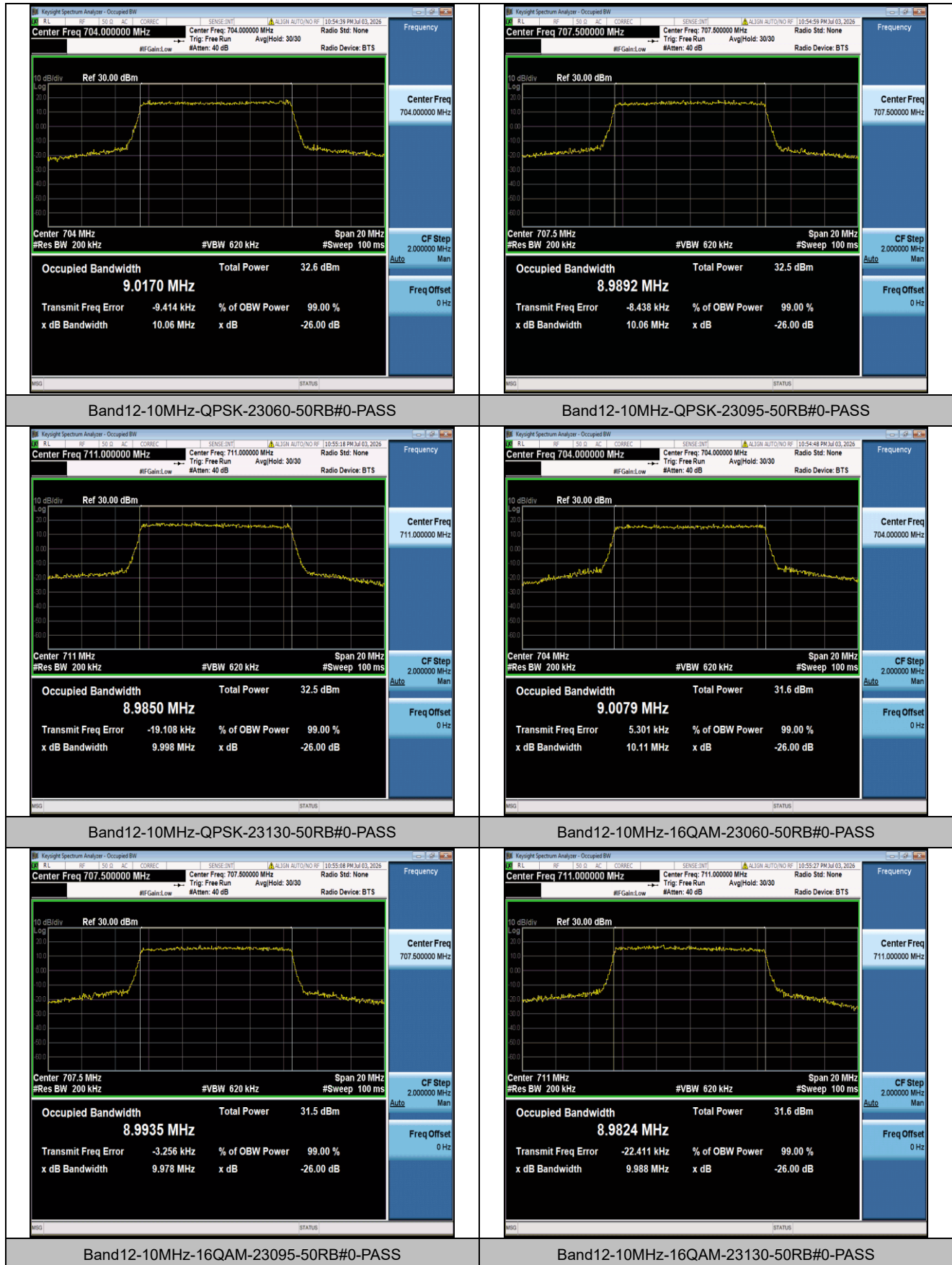
Band12-1.4MHz-256QAM-23173-6RB#0-PASS





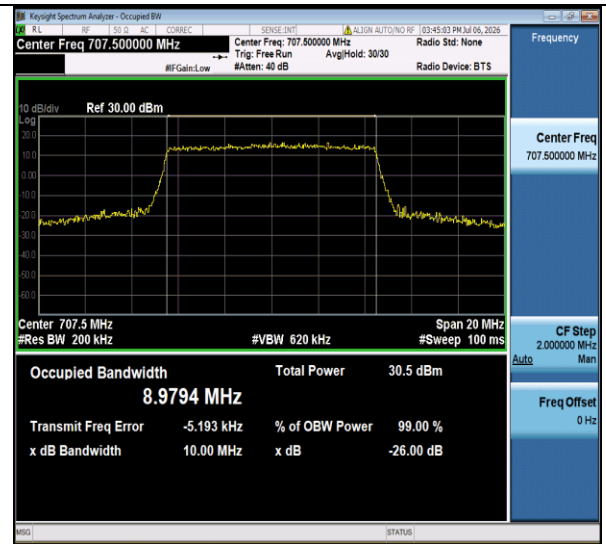








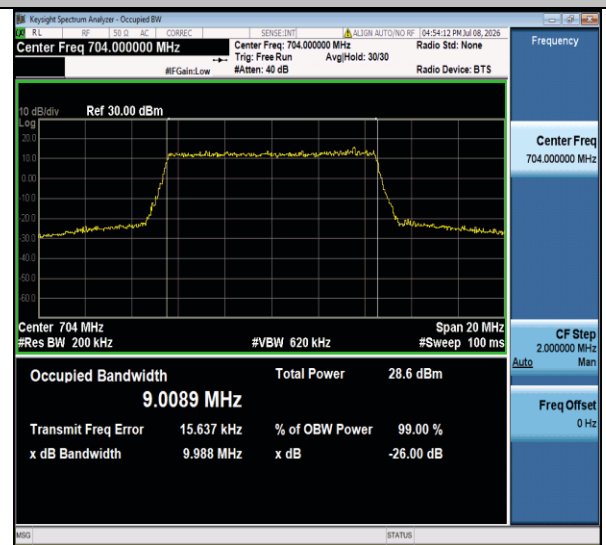
Band12-10MHz-64QAM-23060-50RB#0-PASS



Band12-10MHz-64QAM-23095-50RB#0-PASS



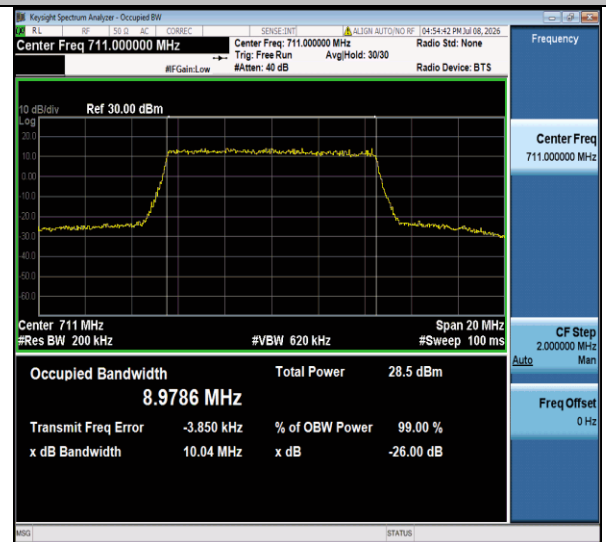
Band12-10MHz-64QAM-23130-50RB#0-PASS



Band12-10MHz-256QAM-23060-50RB#0-PASS



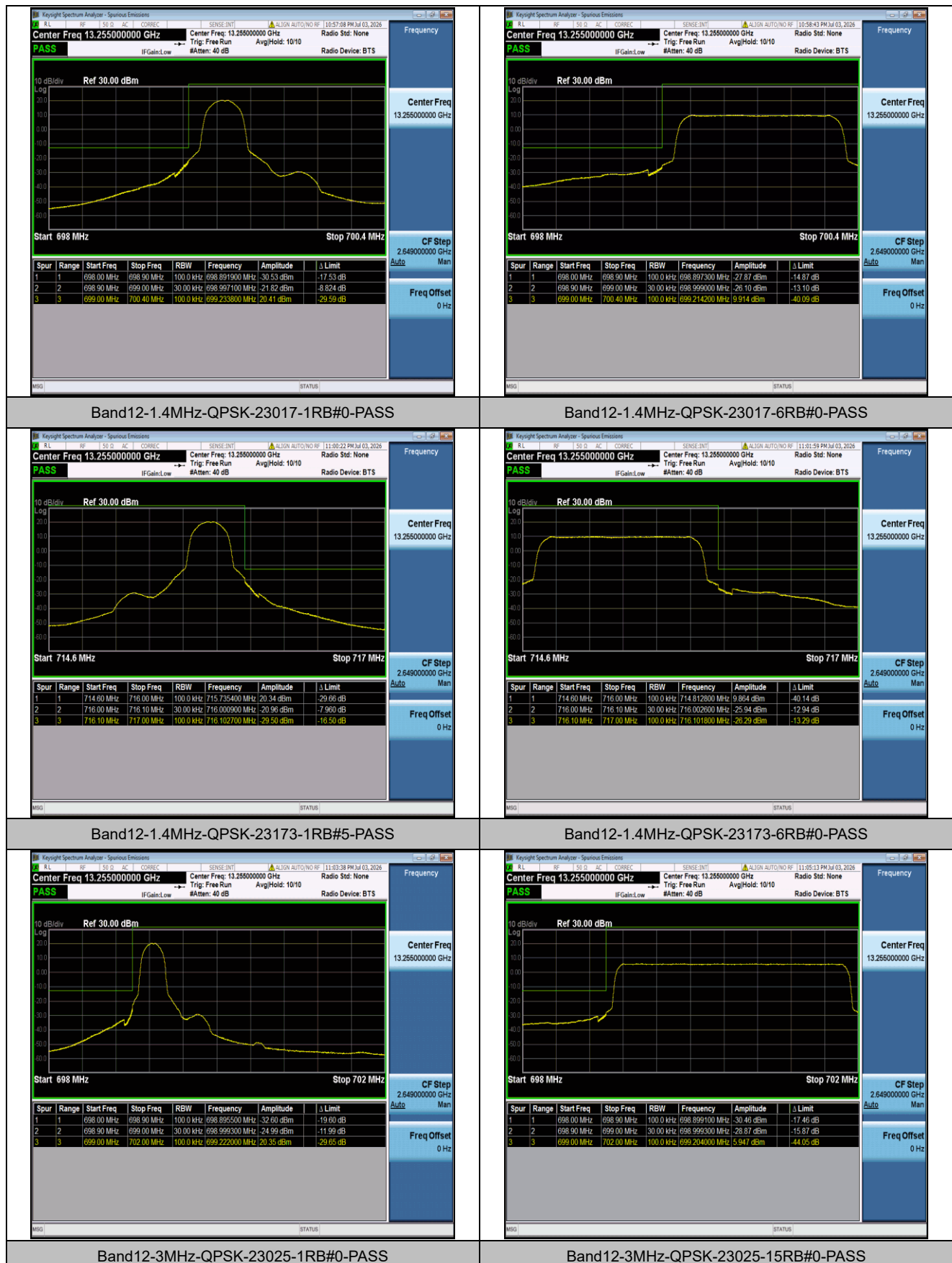
Band12-10MHz-256QAM-23095-50RB#0-PASS



Band12-10MHz-256QAM-23130-50RB#0-PASS

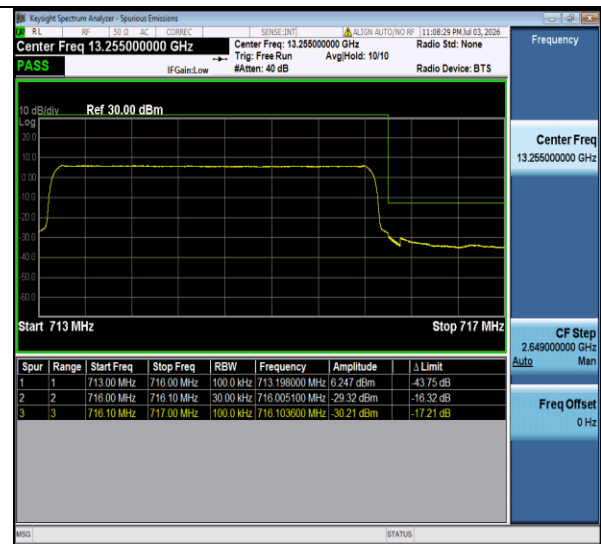
Band Edge

Test Graphs





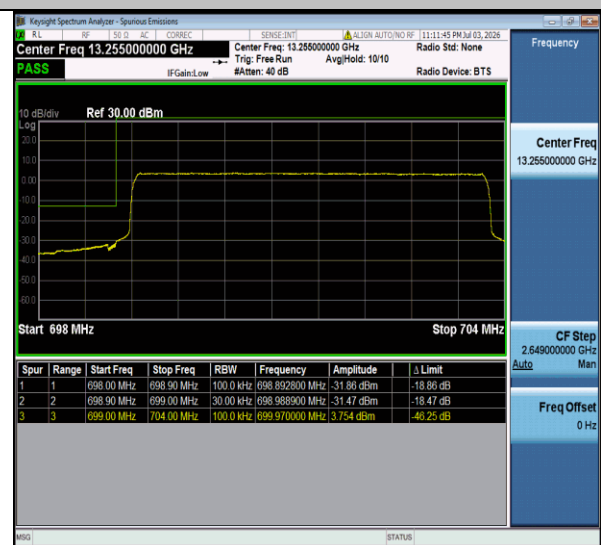
Band12-3MHz-QPSK-23165-1RB#14-PASS



Band12-3MHz-QPSK-23165-15RB#0-PASS



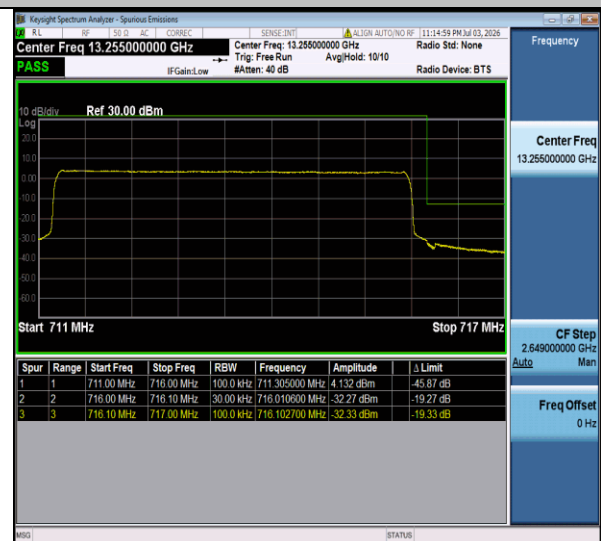
Band12-5MHz-QPSK-23035-1RB#0-PASS



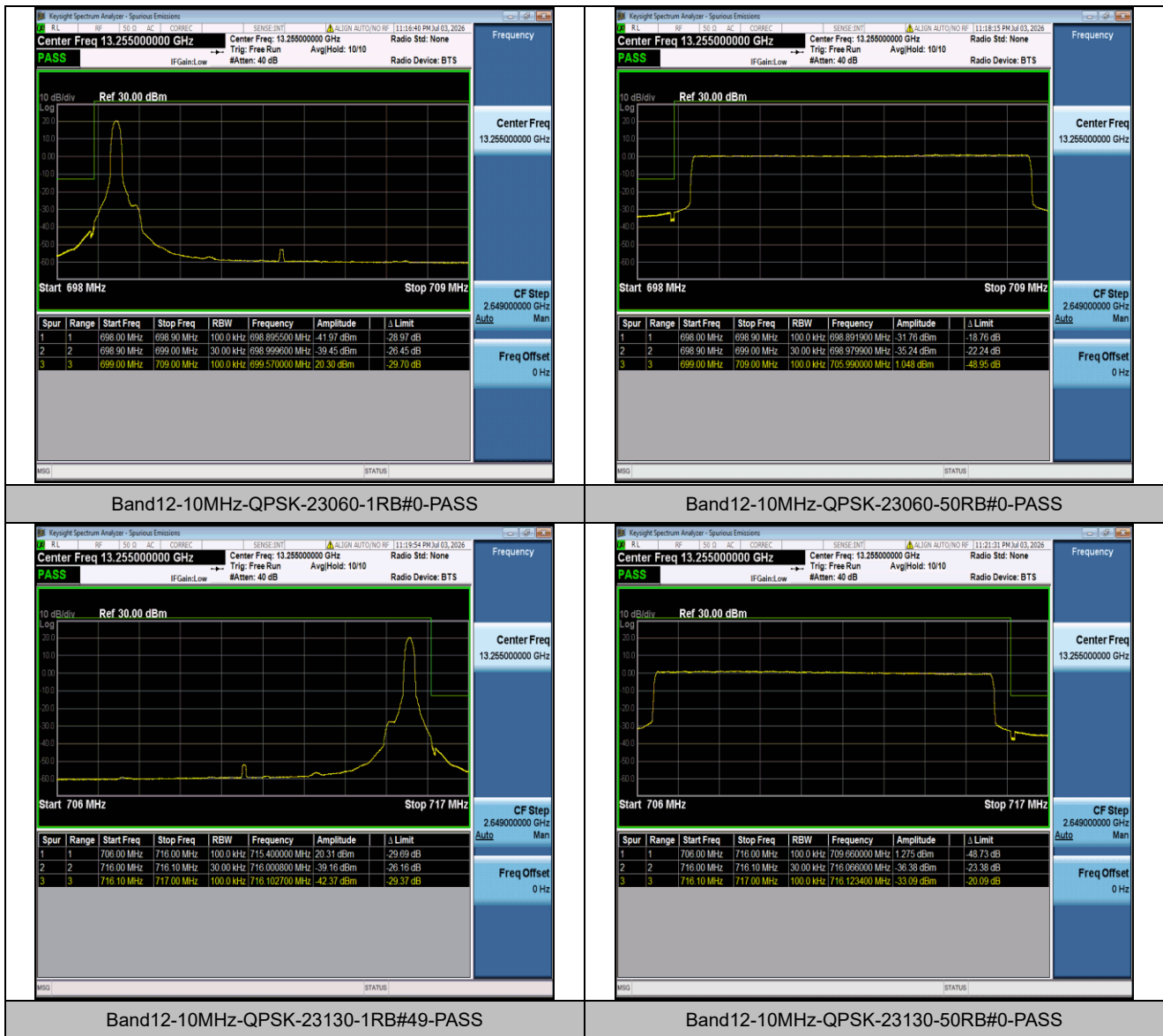
Band12-5MHz-QPSK-23035-25RB#0-PASS



Band12-5MHz-QPSK-23155-1RB#24-PASS

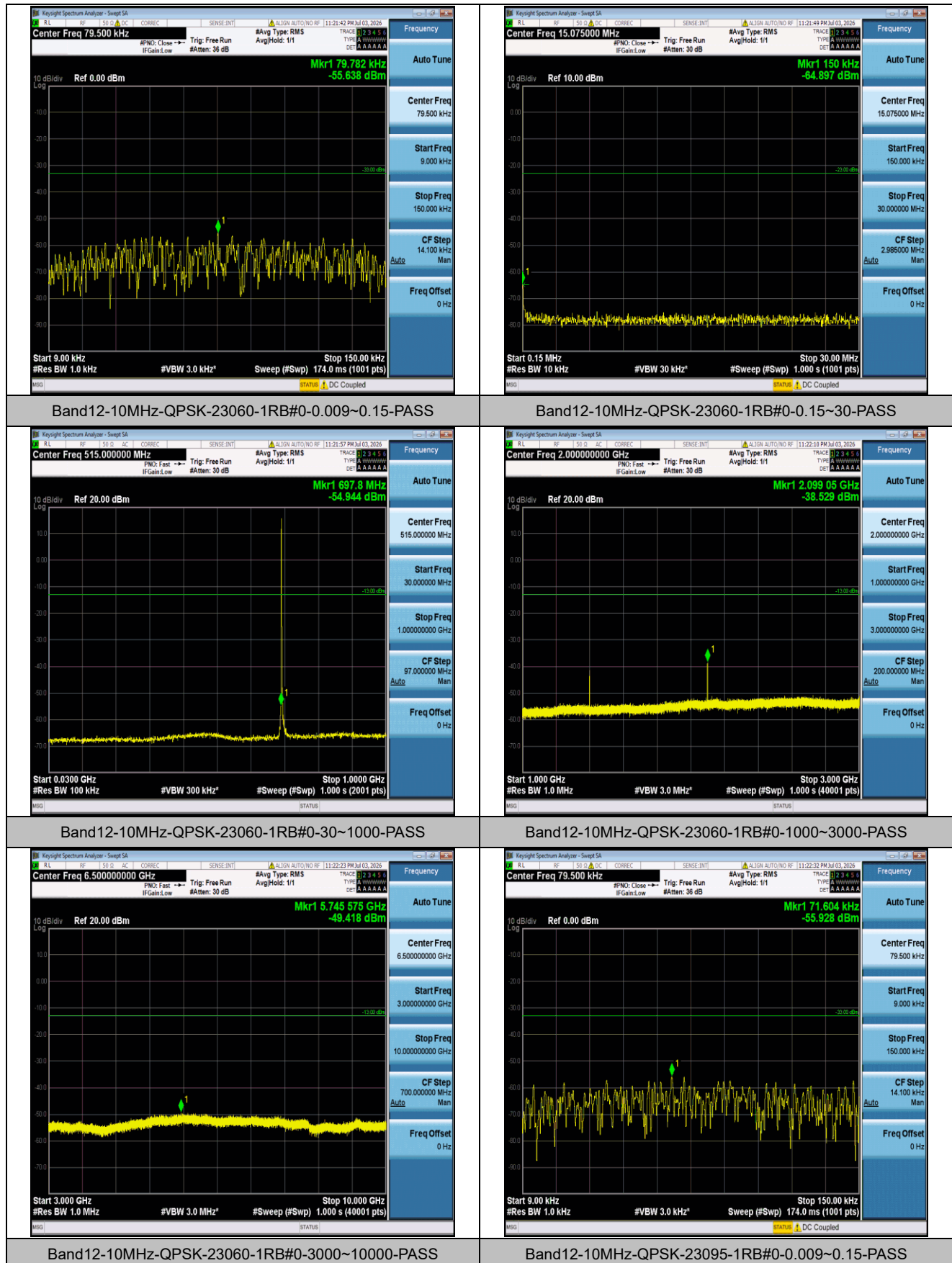


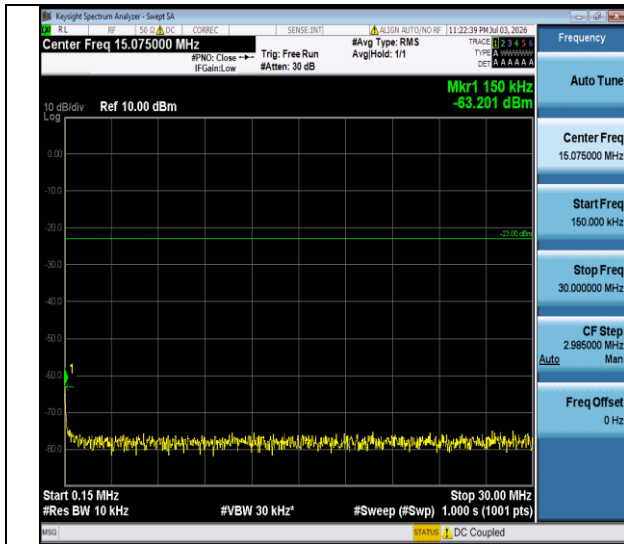
Band12-5MHz-QPSK-23155-25RB#0-PASS



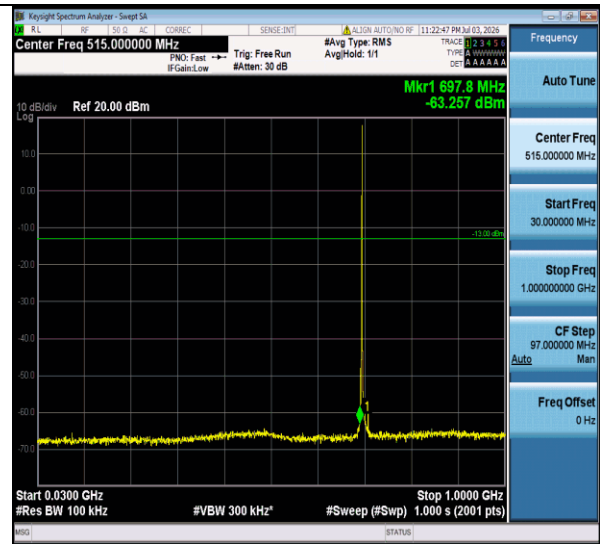
Conducted Spurious Emission

Test Graphs

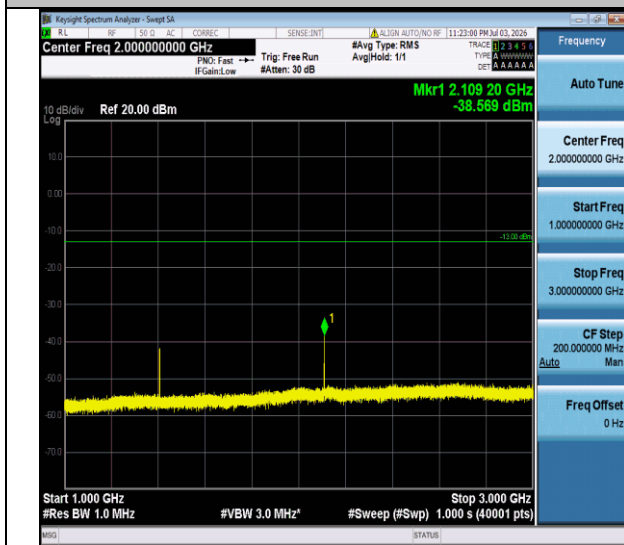




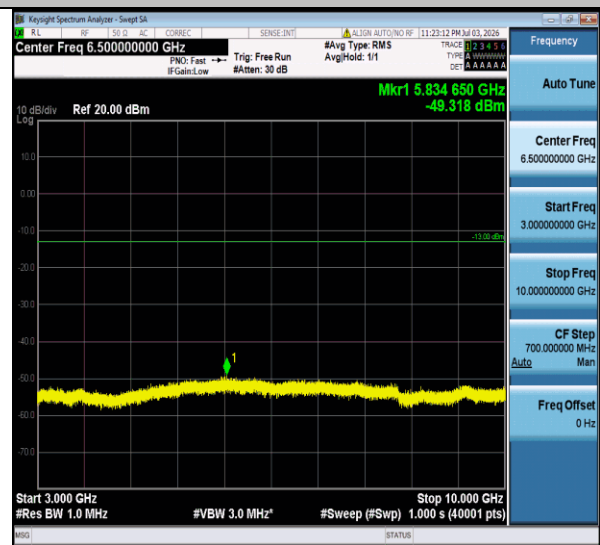
Band12-10MHz-QPSK-23095-1RB#0-0.15~30-PASS



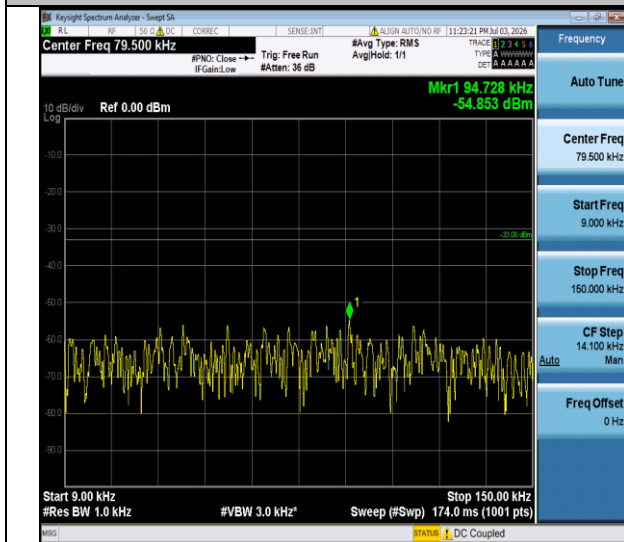
Band12-10MHz-QPSK-23095-1RB#0-30~1000-PASS



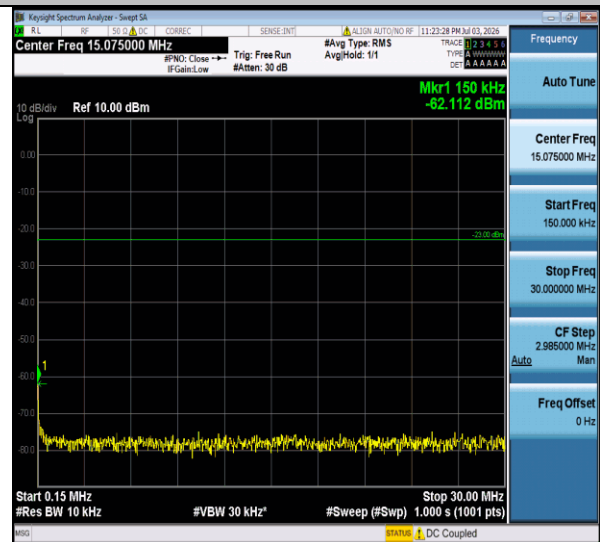
Band12-10MHz-QPSK-23095-1RB#0-1000~3000-PASS



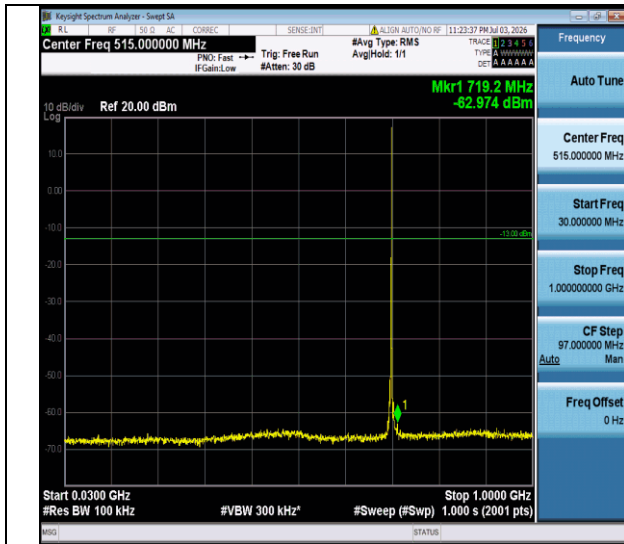
Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



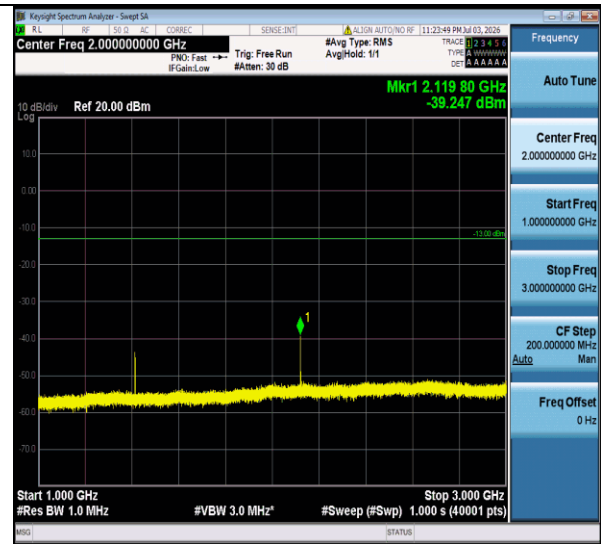
Band12-10MHz-QPSK-23130-1RB#0-0.009~0.15-PASS



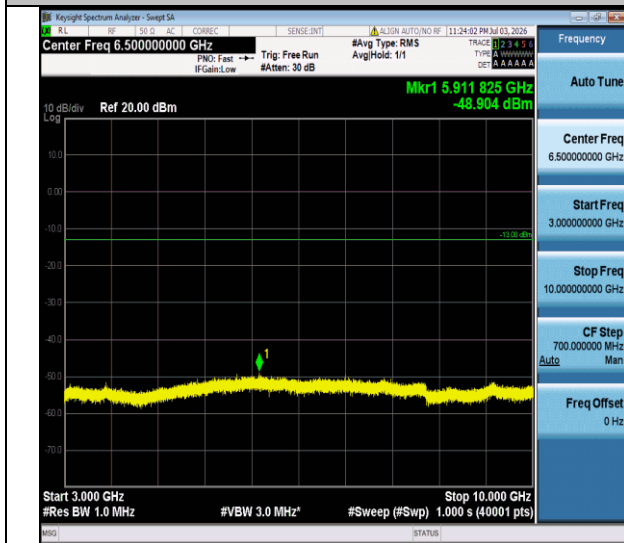
Band12-10MHz-QPSK-23130-1RB#0-0.15~30-PASS



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	-1.88	-0.002657	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-1.59	-0.002247	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-2.21	-0.003124	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	-2.26	-0.003194	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-2.65	-0.003746	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-1.90	-0.002686	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	1.64	0.002318	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-1.81	-0.002558	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-2.09	-0.002954	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-1.56	-0.002205	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-1.87	-0.002643	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-1.86	-0.002629	PASS

~The End~