

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	23.82	21.17	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.82	21.17	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.76	21.11	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.19	20.54	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.26	20.61	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.14	20.49	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.13	20.48	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.23	19.58	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.21	19.56	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.13	19.48	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.07	19.42	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.1	18.45	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	19.39	16.74	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	19.16	16.51	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	19.26	16.61	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	19.12	16.47	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.72	21.07	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.78	21.13	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.78	21.13	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.1	20.45	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.85	20.2	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.1	20.45	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.14	20.49	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.06	19.41	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.01	19.36	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.09	19.44	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.92	19.27	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.07	18.42	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.96	16.31	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	19.25	16.6	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	19.09	16.44	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	19.04	16.39	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.73	21.08	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.69	21.04	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.81	21.16	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.13	20.48	34.77	PASS

Band12	1.4MHz	16QAM	23173	1RB#0	23.14	20.49	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.98	20.33	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.04	20.39	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.97	19.32	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.27	19.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.95	19.3	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.38	19.73	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.87	18.22	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.96	16.31	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	18.92	16.27	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	19.11	16.46	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	19.11	16.46	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.78	21.13	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.96	21.31	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.74	21.09	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.18	20.53	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23	20.35	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.34	20.69	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23	20.35	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.22	19.57	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.26	19.61	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.4	19.75	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.25	19.6	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.13	18.48	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.92	16.27	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	19.12	16.47	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	19.03	16.38	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	19.12	16.47	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.74	21.09	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.81	21.16	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.64	20.99	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.06	20.41	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23	20.35	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.08	20.43	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.13	20.48	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.15	19.5	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.17	19.52	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.31	19.66	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.21	19.56	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.02	18.37	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	18.86	16.21	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	19.08	16.43	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.75	16.1	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	19.03	16.38	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.72	21.07	34.77	PASS

Band12	3MHz	QPSK	23165	1RB#8	23.64	20.99	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.68	21.03	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.08	20.43	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.18	20.53	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.22	20.57	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.99	20.34	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.07	19.42	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.16	19.51	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.05	19.4	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.09	19.44	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.92	18.27	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.8	16.15	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	19.26	16.61	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	19.09	16.44	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	18.97	16.32	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.8	21.15	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.88	21.23	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.82	21.17	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.23	20.58	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.46	20.81	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.13	20.48	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.88	20.23	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.24	19.59	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22	19.35	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.15	19.5	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.06	19.41	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.07	18.42	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	19.23	16.58	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	19.25	16.6	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	19.13	16.48	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	19.1	16.45	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.71	21.06	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.8	21.15	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.58	20.93	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.08	20.43	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.23	20.58	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.22	20.57	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.98	20.33	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.07	19.42	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22	19.35	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.2	19.55	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.26	19.61	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.02	18.37	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	19.25	16.6	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	19.3	16.65	34.77	PASS

Band12	5MHz	256QAM	23095	1RB#24	19.06	16.41	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	19.03	16.38	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.68	21.03	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.75	21.1	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.75	21.1	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.92	20.27	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.09	20.44	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.06	20.41	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.82	20.17	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.95	19.3	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.98	19.33	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.25	19.6	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.13	19.48	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.77	18.12	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	19.26	16.61	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	19.26	16.61	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	19.1	16.45	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	18.93	16.28	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.91	21.26	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.85	21.2	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.69	21.04	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.26	20.61	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.05	20.4	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.27	20.62	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.91	20.26	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.32	19.67	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.34	19.69	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.12	19.47	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.07	19.42	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.09	18.44	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	19.62	16.97	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	19.06	16.41	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	19.35	16.7	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	19.23	16.58	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.76	21.11	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.85	21.2	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.74	21.09	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.33	20.68	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.05	20.4	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.39	20.74	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.92	20.27	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.31	19.66	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.4	19.75	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.1	19.45	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.01	19.36	34.77	PASS

Band12	10MHz	64QAM	23095	50RB#0	21.13	18.48	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	19.25	16.6	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	19.17	16.52	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	19.14	16.49	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	19.16	16.51	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.72	21.07	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.79	21.14	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.59	20.94	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.27	20.62	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.22	20.57	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.15	20.5	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.86	20.21	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.29	19.64	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.01	19.36	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.26	19.61	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.1	19.45	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.06	18.41	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	19.2	16.55	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	19.11	16.46	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	19.34	16.69	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	19.17	16.52	34.77	PASS

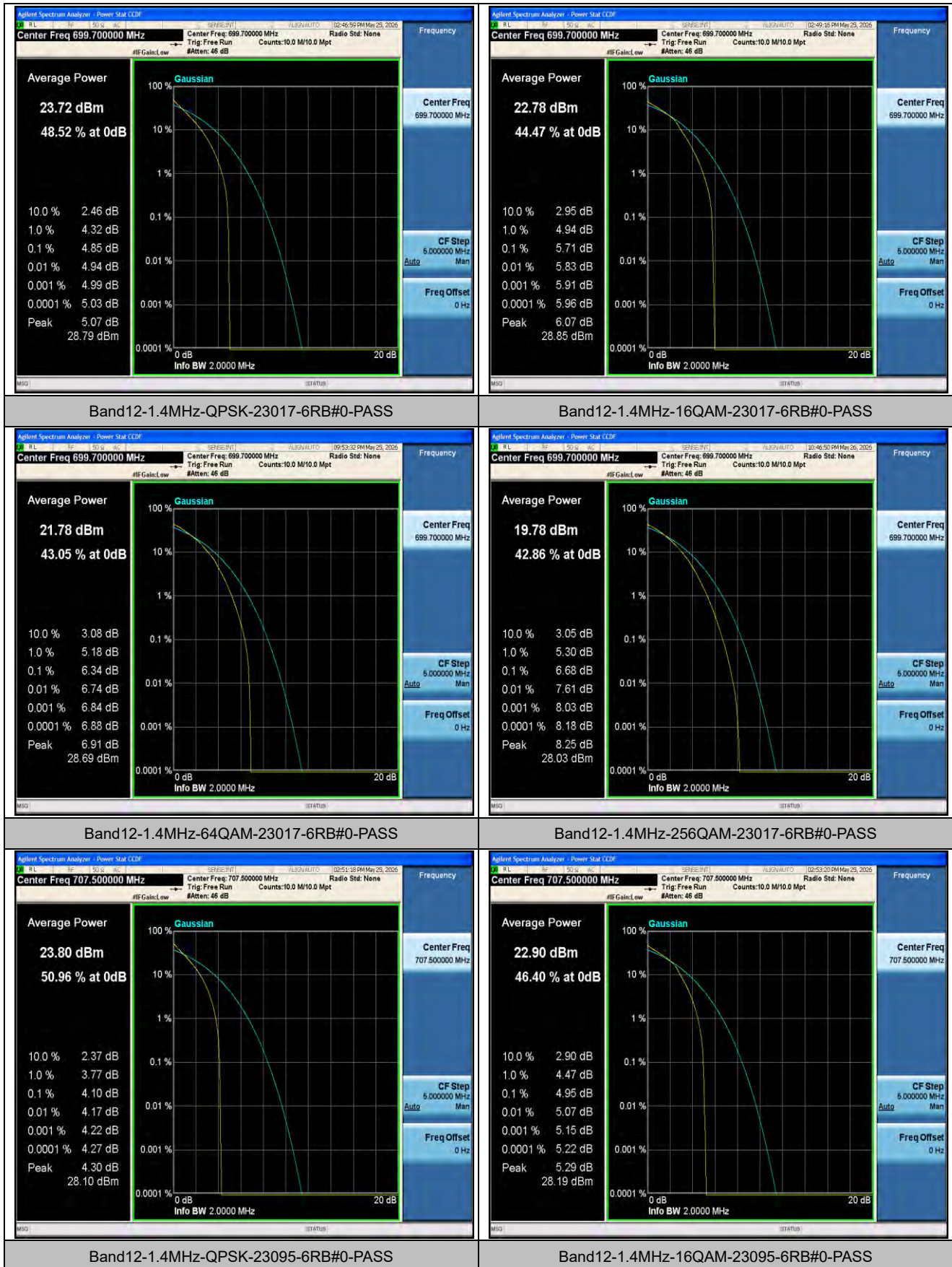
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.85	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.71	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.34	13	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	6.68	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.10	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	4.95	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.75	13	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	6.42	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.47	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.36	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.12	13	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	6.66	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.17	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.04	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	6.47	13	PASS
Band12	3MHz	256QAM	23025	15RB#0	6.72	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.63	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.45	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.05	13	PASS
Band12	3MHz	256QAM	23095	15RB#0	6.49	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.03	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.90	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.43	13	PASS
Band12	3MHz	256QAM	23165	15RB#0	6.71	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.12	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.93	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.38	13	PASS
Band12	5MHz	256QAM	23035	25RB#0	6.69	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.67	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.47	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.05	13	PASS
Band12	5MHz	256QAM	23095	25RB#0	6.46	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.09	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.92	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.36	13	PASS
Band12	5MHz	256QAM	23155	25RB#0	6.69	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.64	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.48	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.08	13	PASS

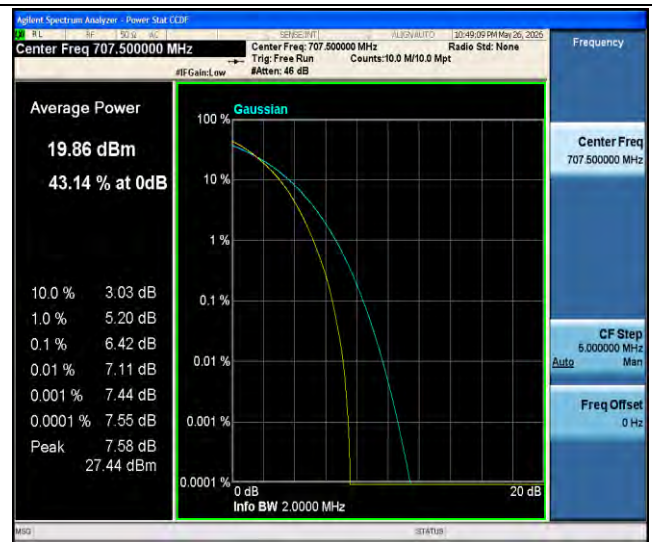
Band12	10MHz	256QAM	23060	50RB#0	6.55	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.50	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.33	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.94	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.49	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.61	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.46	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.07	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.54	13	PASS

Test Graphs





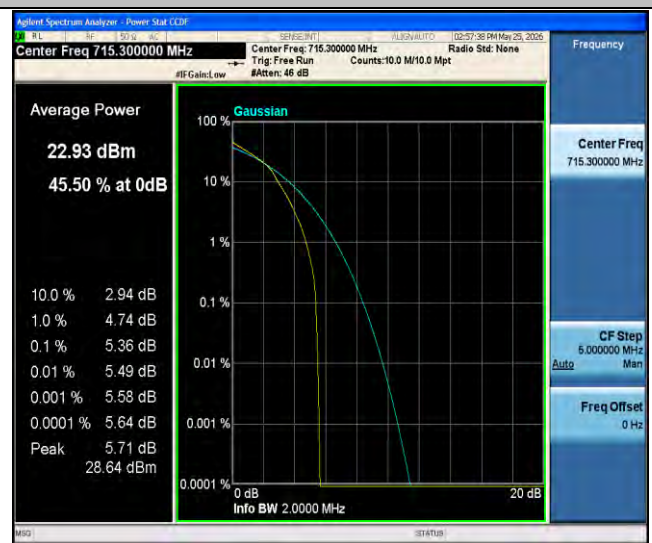
Band12-1.4MHz-64QAM-23095-6RB#0-PASS



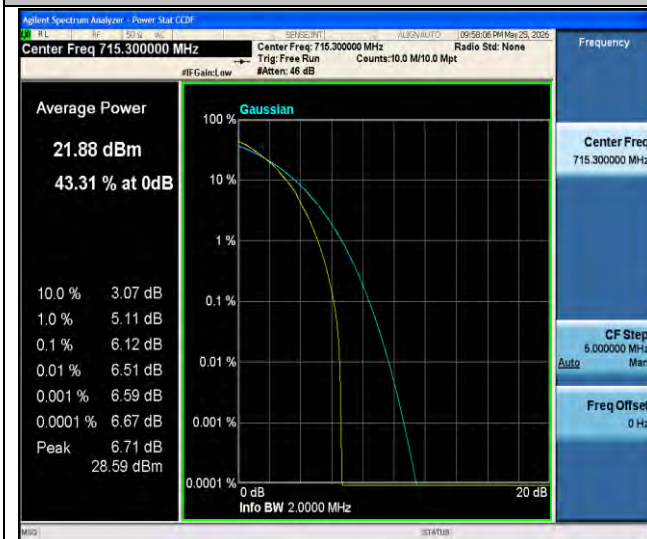
Band12-1.4MHz-256QAM-23095-6RB#0-PASS



Band12-1.4MHz-QPSK-23173-6RB#0-PASS



Band12-1.4MHz-16QAM-23173-6RB#0-PASS



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



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



Band12-3MHz-QPSK-23025-15RB#0-PASS



Band12-3MHz-16QAM-23025-15RB#0-PASS



Band12-3MHz-64QAM-23025-15RB#0-PASS



Band12-3MHz-256QAM-23025-15RB#0-PASS



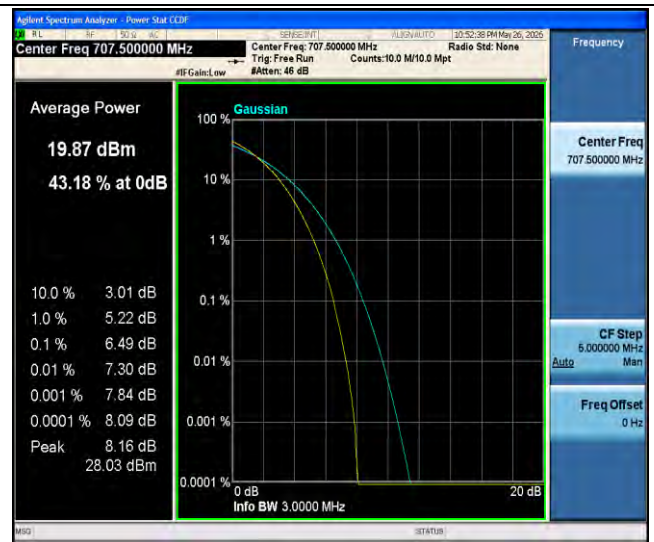
Band12-3MHz-QPSK-23095-15RB#0-PASS



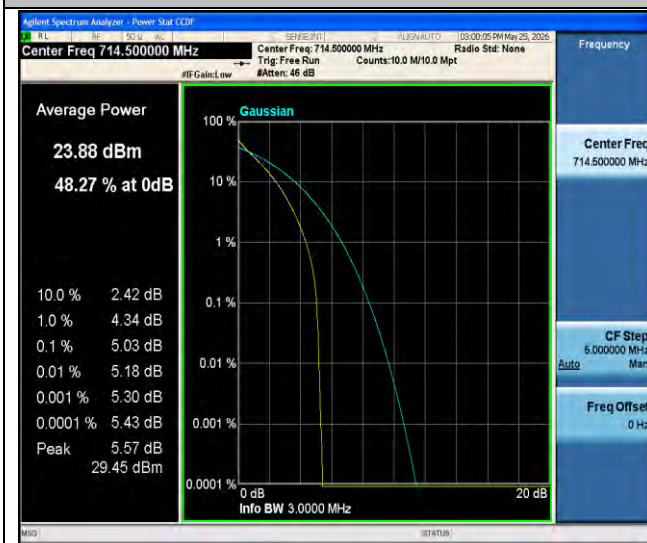
Band12-3MHz-16QAM-23095-15RB#0-PASS



Band12-3MHz-64QAM-23095-15RB#0-PASS



Band12-3MHz-256QAM-23095-15RB#0-PASS



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



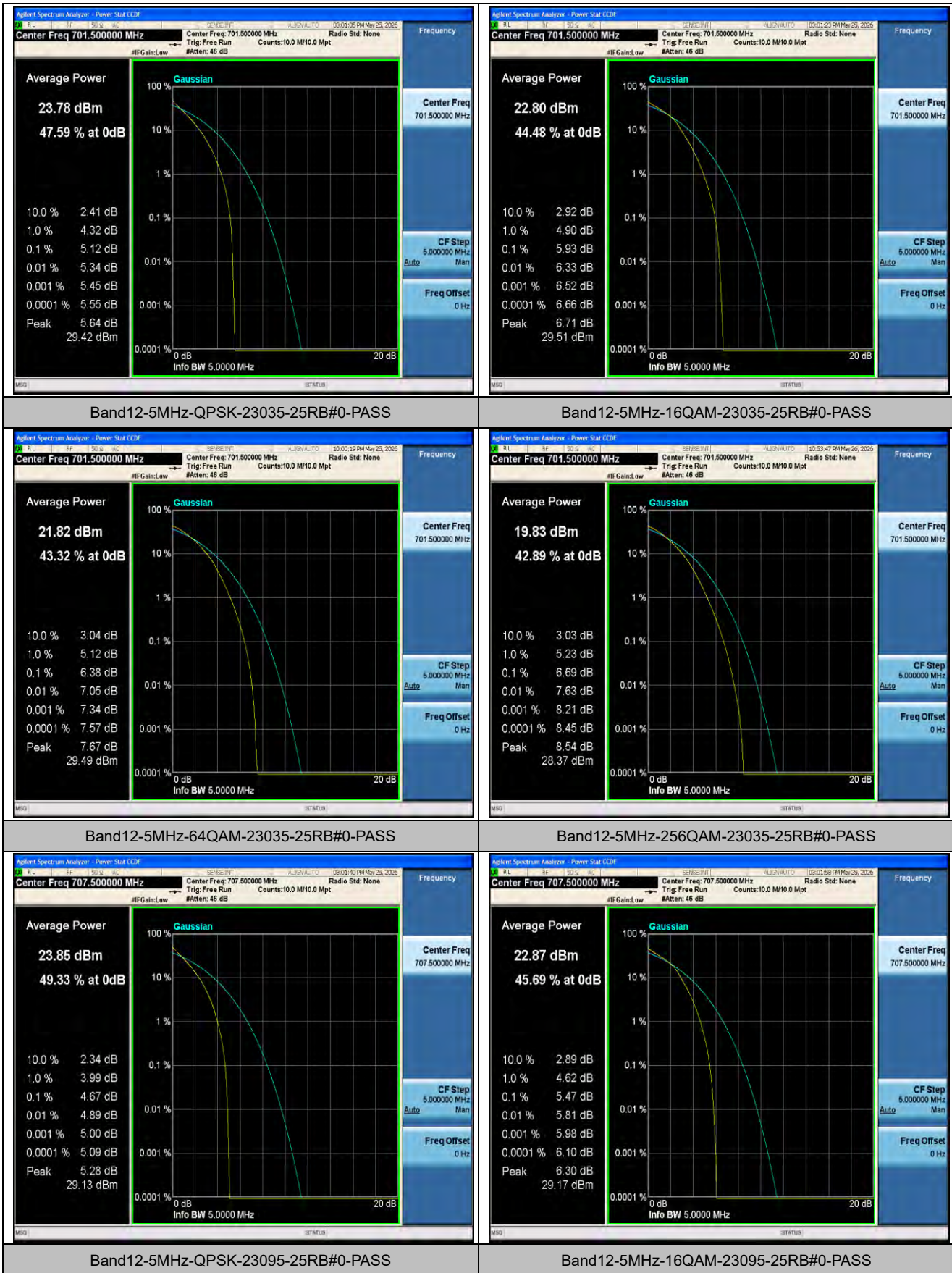
Band12-3MHz-16QAM-23165-15RB#0-PASS



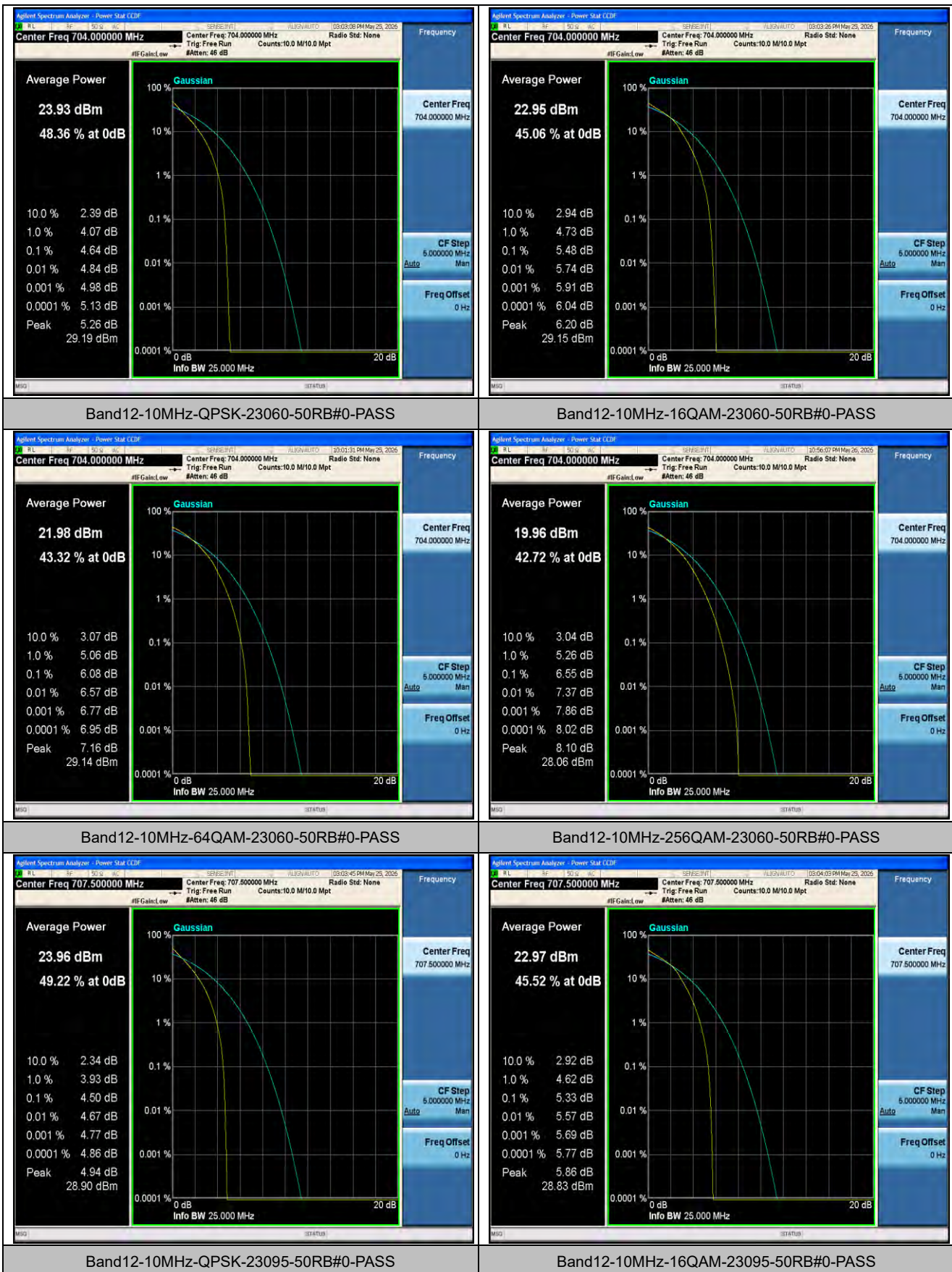
Band12-3MHz-64QAM-23165-15RB#0-PASS



Band12-3MHz-256QAM-23165-15RB#0-PASS









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



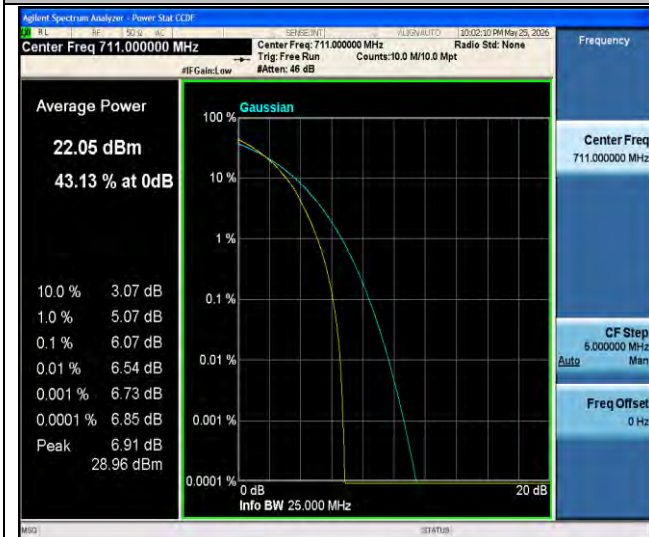
Band12-10MHz-256QAM-23095-50RB#0-PASS



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



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



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



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

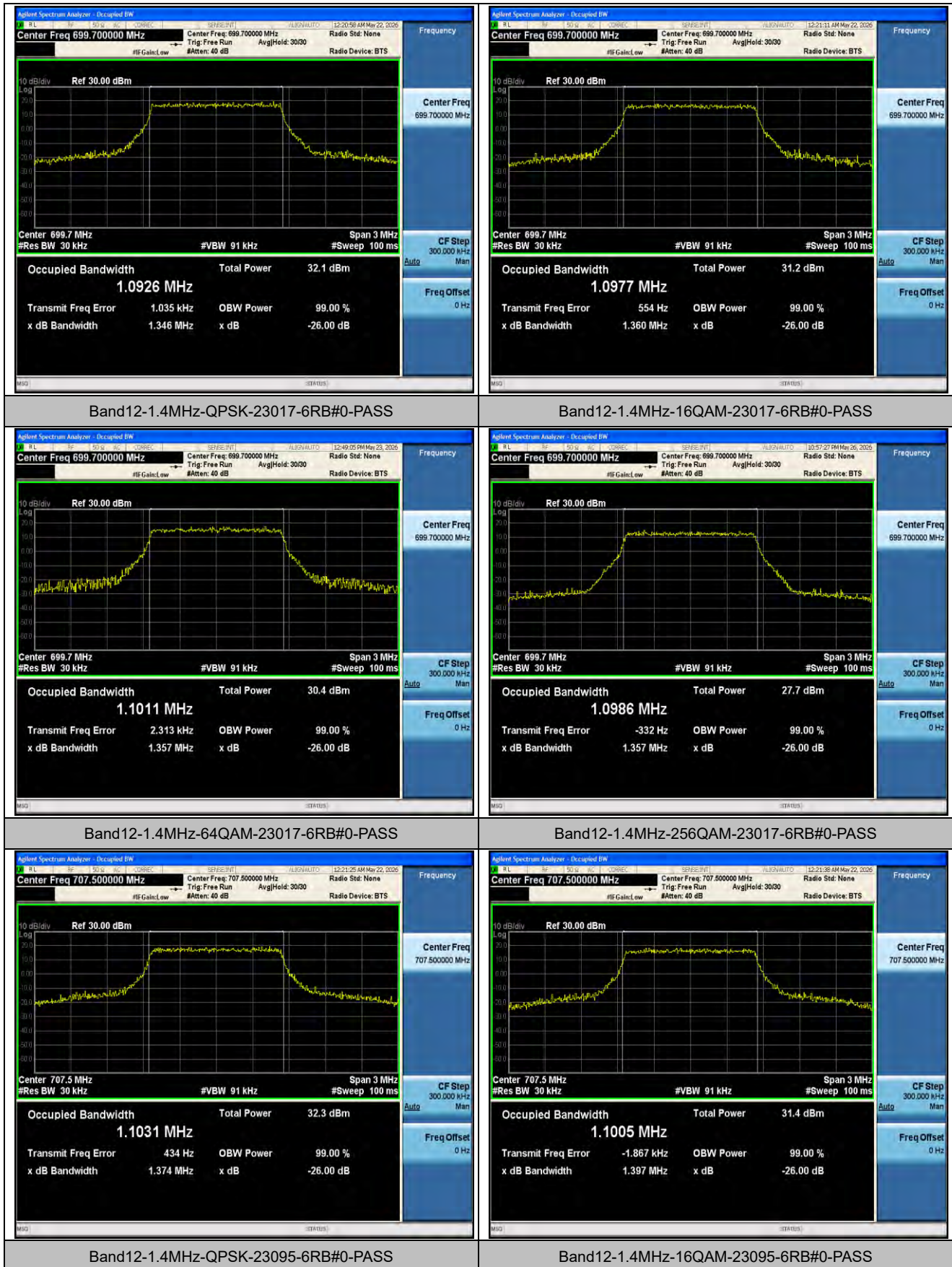
26dB Bandwidth and Occupied Bandwidth

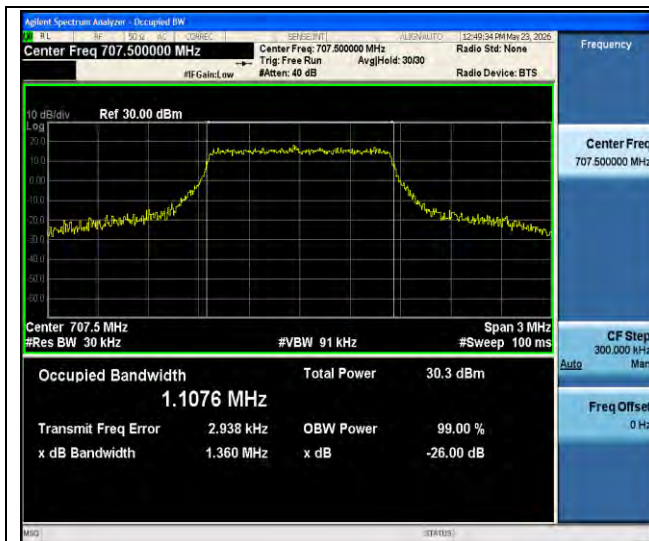
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0926	1.346	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0977	1.360	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.1011	1.357	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.0986	1.357	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1031	1.374	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1005	1.397	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.1076	1.360	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.1032	1.368	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1007	1.369	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0999	1.345	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.1009	1.345	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.1038	1.361	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6994	3.006	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6967	3.037	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.7071	3.040	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.7069	3.037	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7026	3.072	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6966	2.999	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.7022	3.081	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.6987	3.047	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6991	3.104	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7029	3.046	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.7059	3.046	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.7039	3.053	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5111	5.140	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5084	5.183	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5099	5.201	PASS
Band12	5MHz	256QAM	23035	25RB#0	1.2830	2.026	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5041	5.089	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5038	5.200	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5066	5.136	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.4974	5.128	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5166	5.178	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5132	5.172	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5134	5.188	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.5032	5.141	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9908	10.07	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0086	10.07	PASS

Band12	10MHz	64QAM	23060	50RB#0	9.0083	10.04	PASS
Band12	10MHz	256QAM	23060	50RB#0	9.0013	9.969	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0000	10.08	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9867	10.02	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9722	10.03	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9717	9.945	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9940	10.06	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9953	10.06	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9787	10.01	PASS
Band12	10MHz	256QAM	23130	50RB#0	8.9716	9.986	PASS

Test Graphs

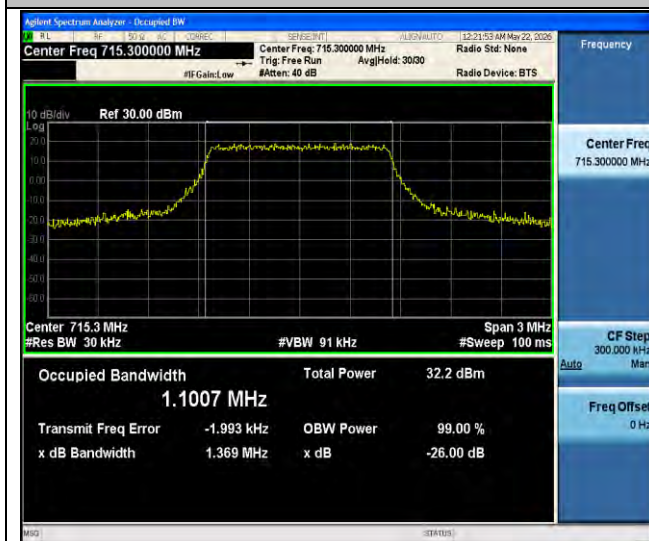




Band12-1.4MHz-64QAM-23095-6RB#0-PASS



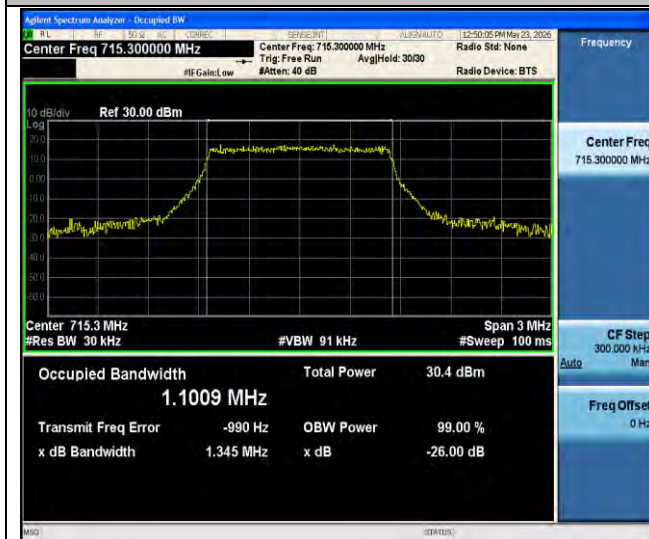
Band12-1.4MHz-256QAM-23095-6RB#0-PASS



Band12-1.4MHz-QPSK-23173-6RB#0-PASS



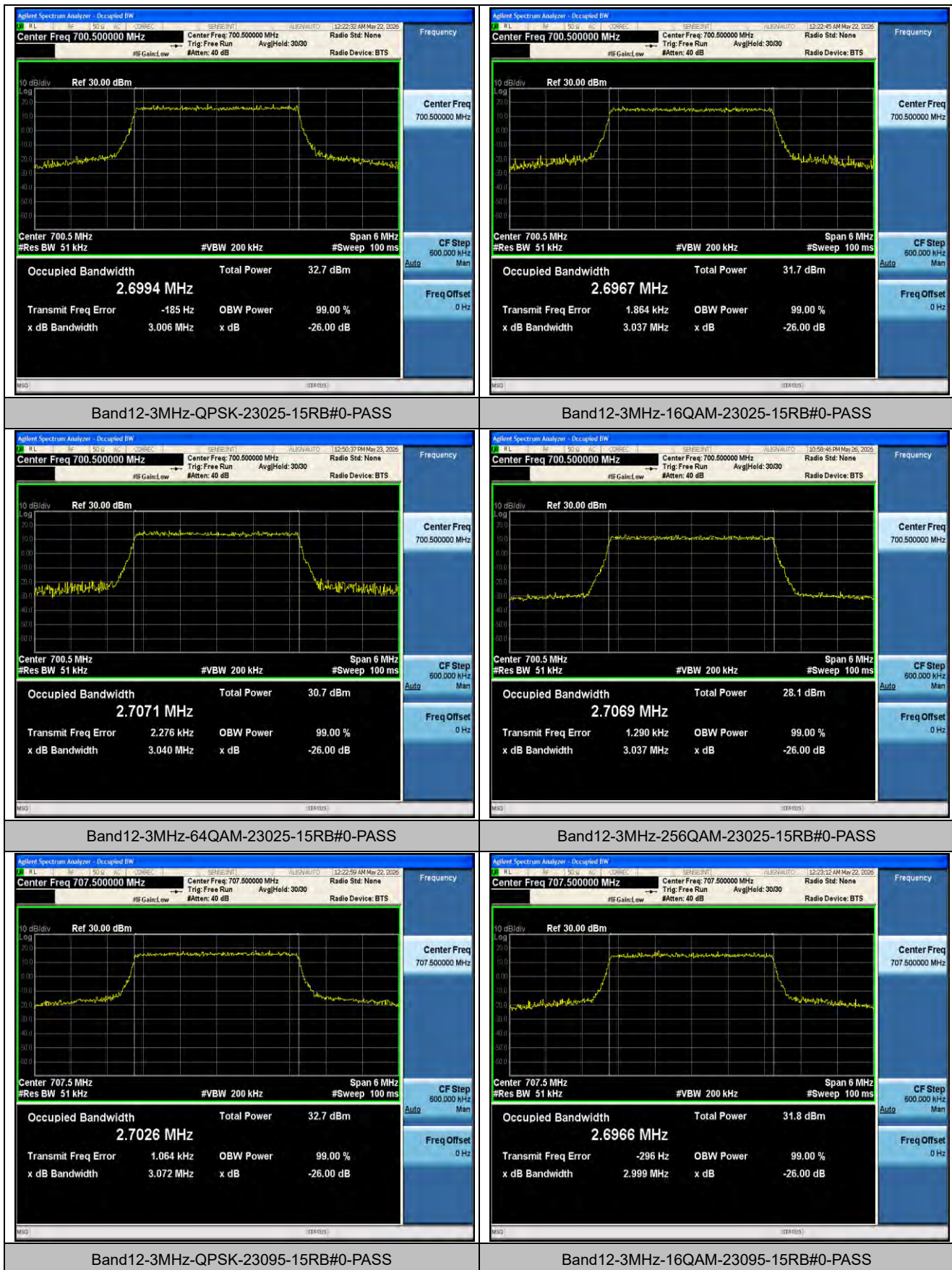
Band12-1.4MHz-16QAM-23173-6RB#0-PASS

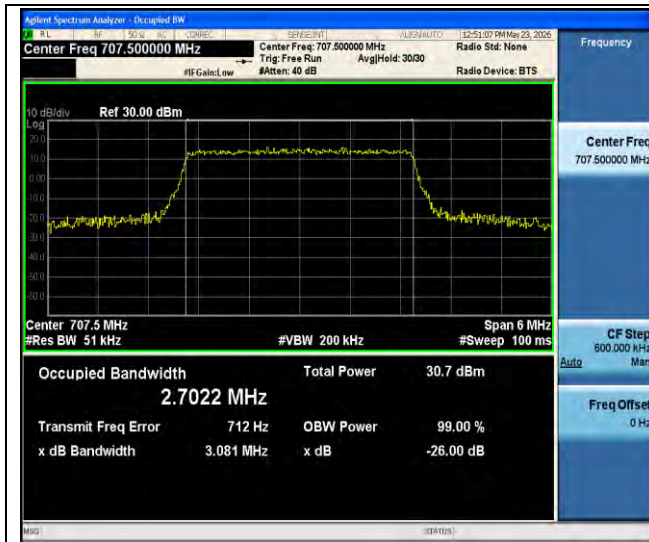


Band12-1.4MHz-64QAM-23173-6RB#0-PASS



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





Band12-3MHz-64QAM-23095-15RB#0-PASS



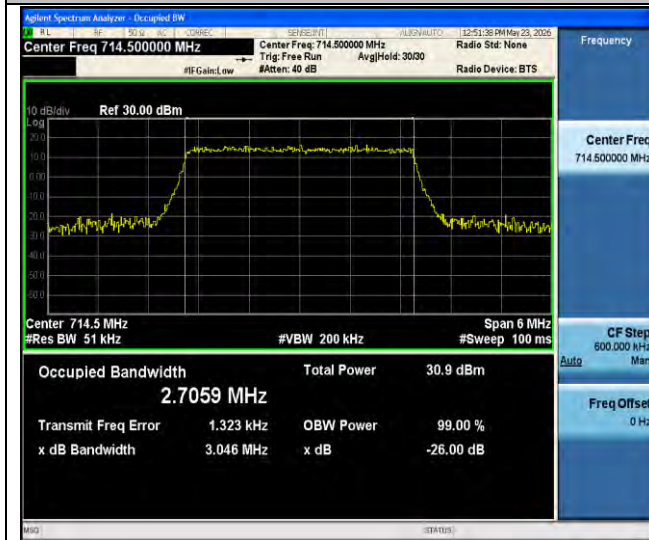
Band12-3MHz-256QAM-23095-15RB#0-PASS



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



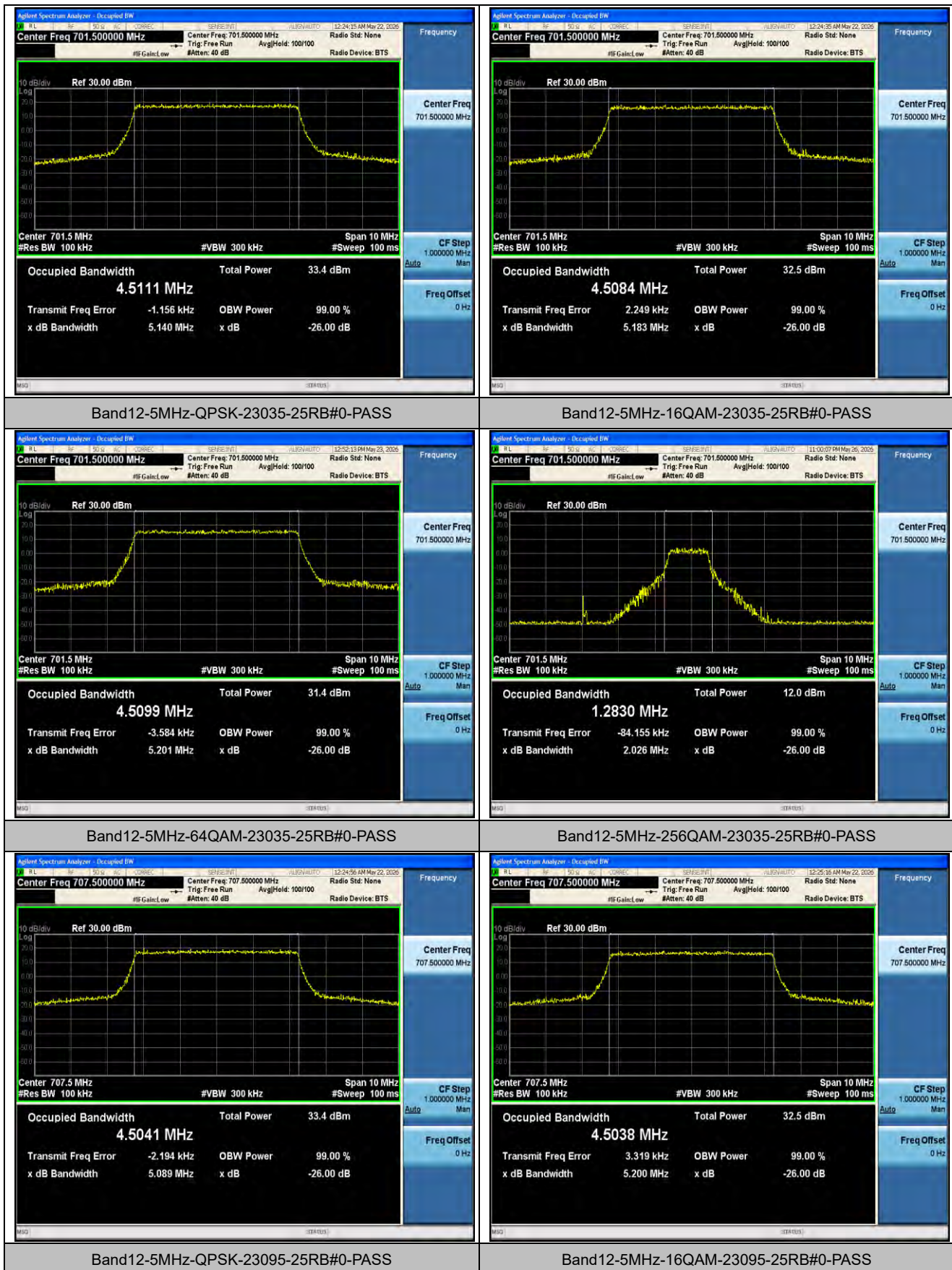
Band12-3MHz-16QAM-23165-15RB#0-PASS

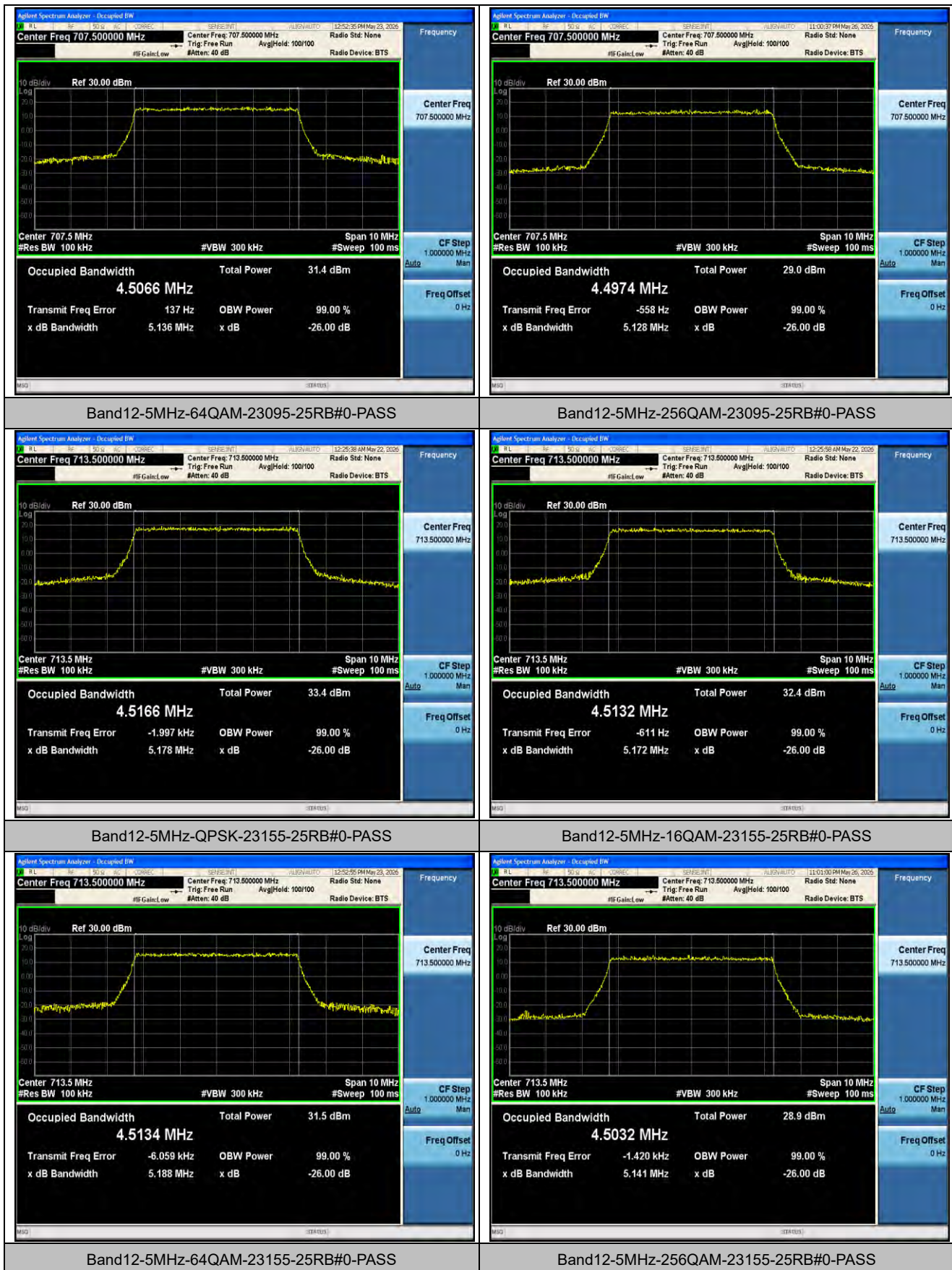


Band12-3MHz-64QAM-23165-15RB#0-PASS

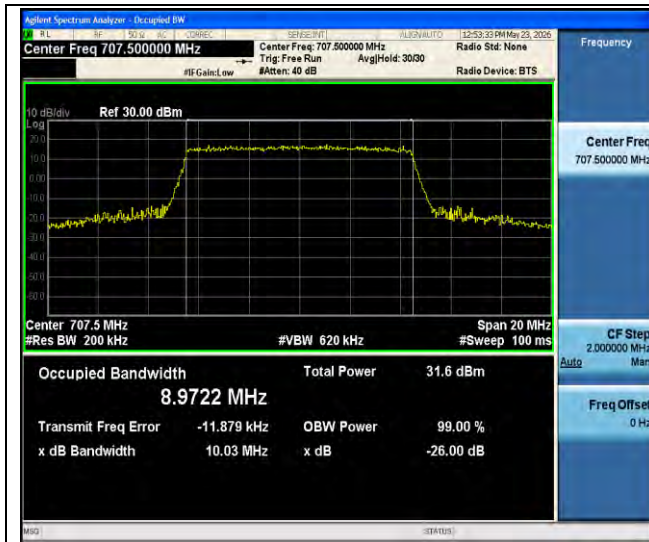


Band12-3MHz-256QAM-23165-15RB#0-PASS









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



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



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



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



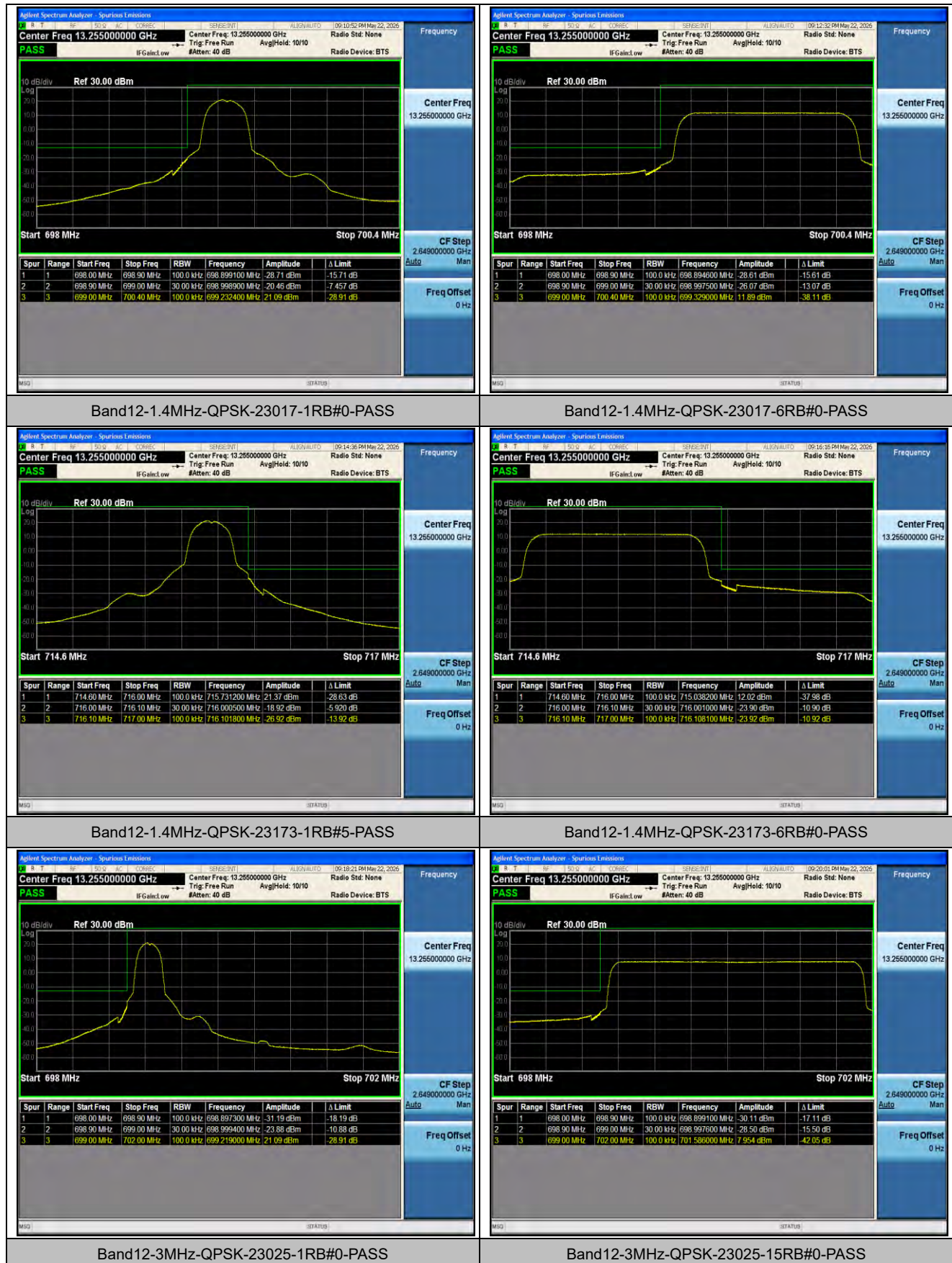
Band12-10MHz-64QAM-23130-50RB#0-PASS



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

Band Edge

Test Graphs

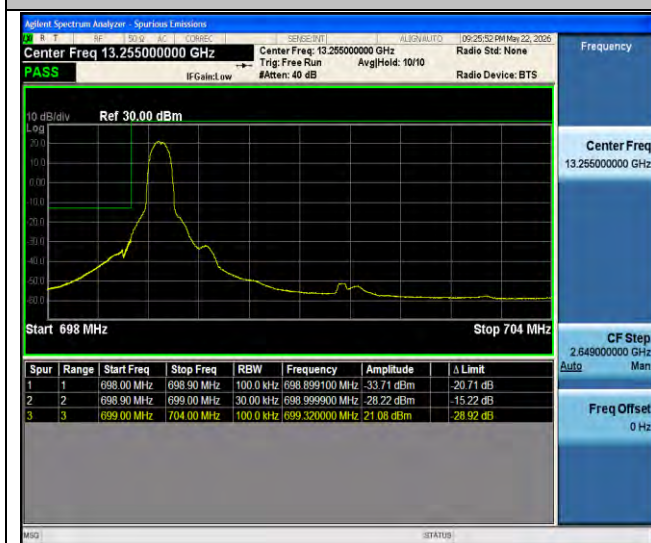




Band12-3MHz-QPSK-23165-1RB#14-PASS



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



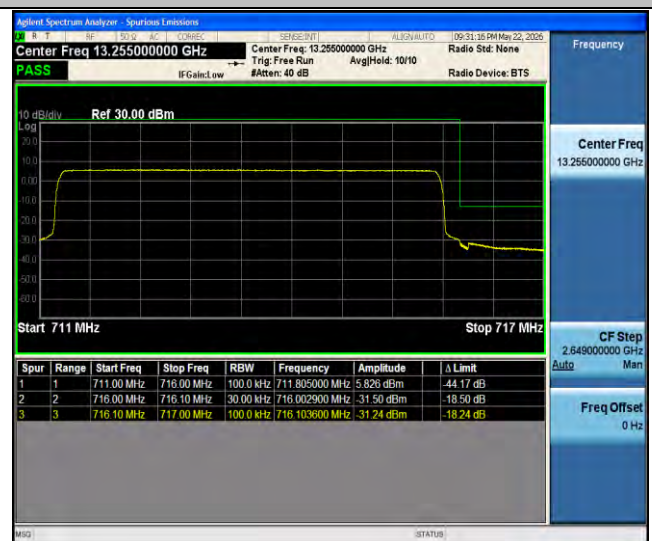
Band12-5MHz-QPSK-23035-1RB#0-PASS



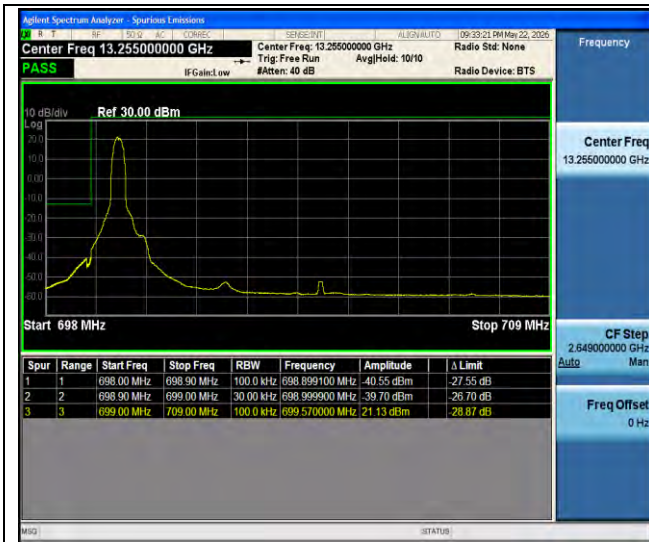
Band12-5MHz-QPSK-23035-25RB#0-PASS



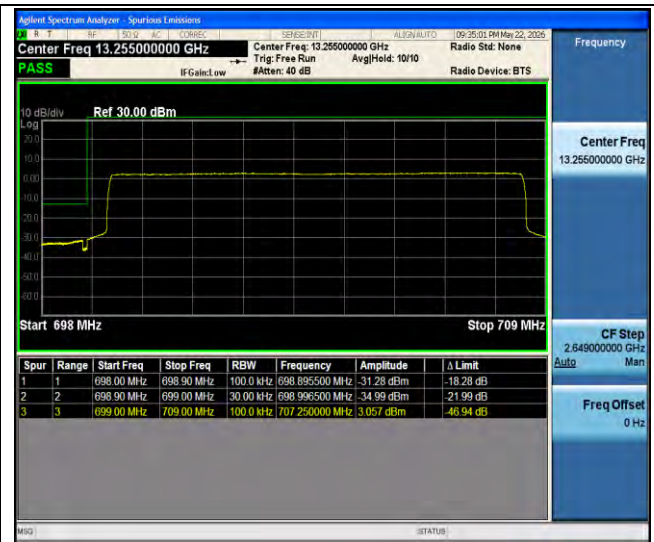
Band12-5MHz-QPSK-23155-1RB#24-PASS



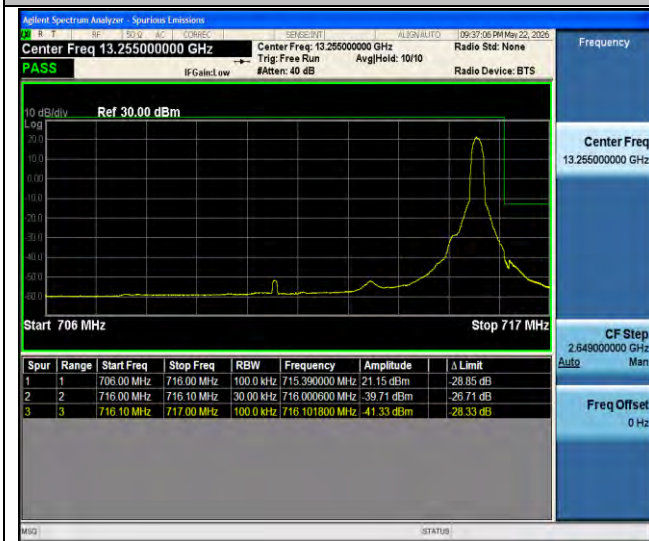
Band12-5MHz-QPSK-23155-25RB#0-PASS



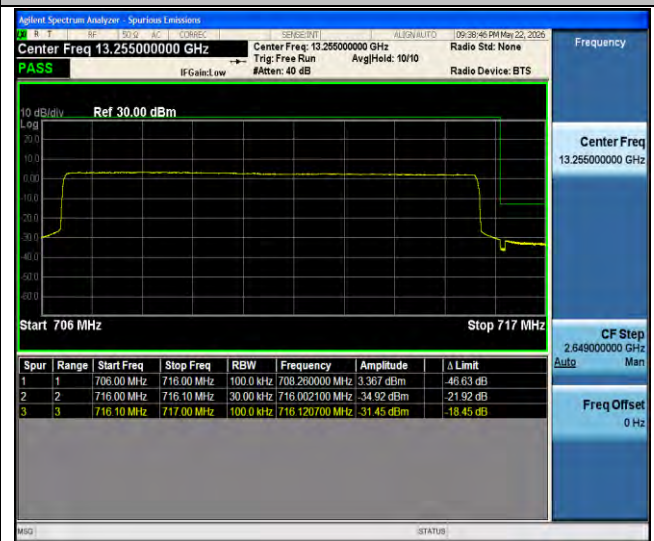
Band12-10MHz-QPSK-23060-1RB#0-PASS



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



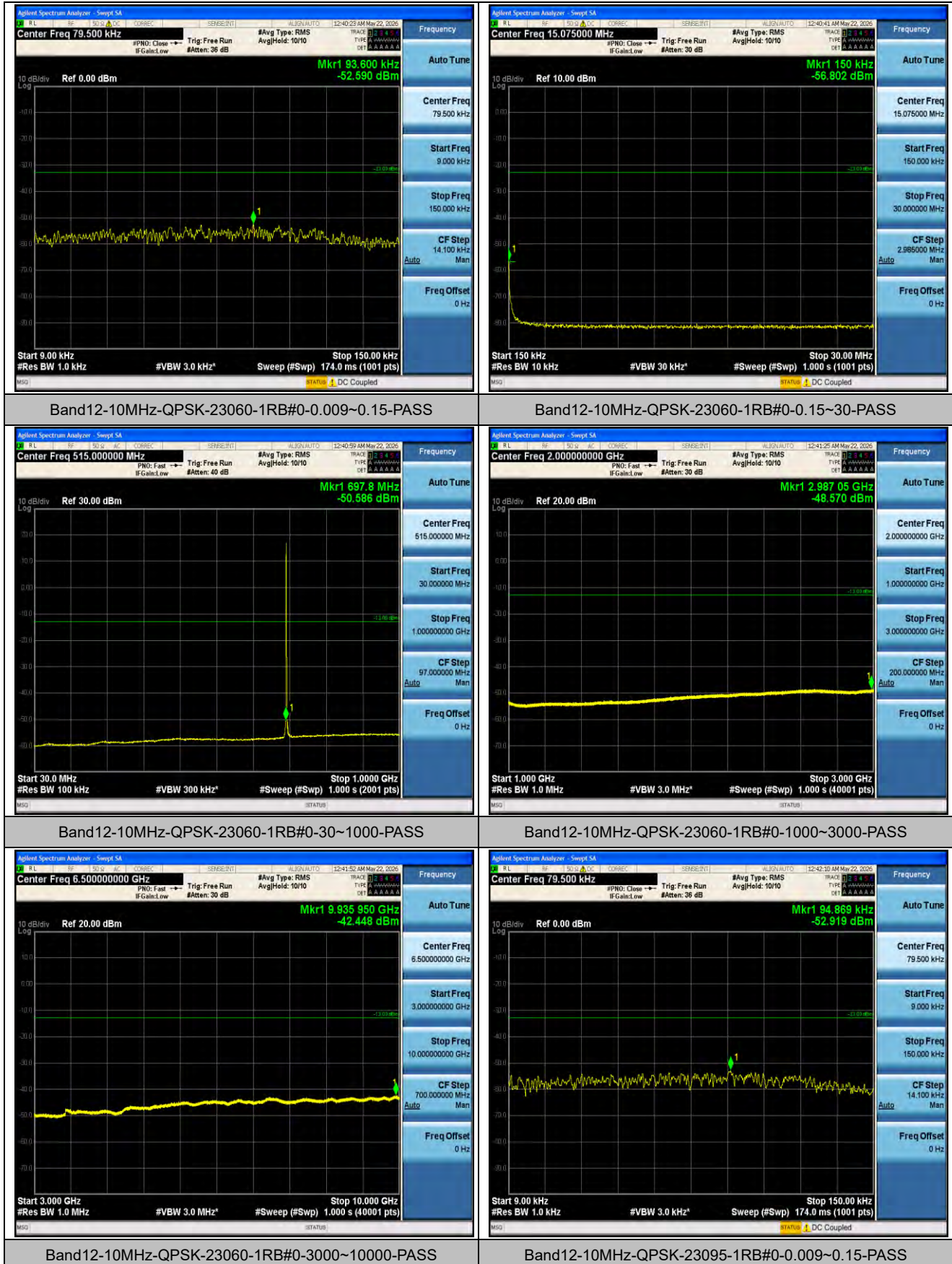
Band12-10MHz-QPSK-23130-1RB#49-PASS

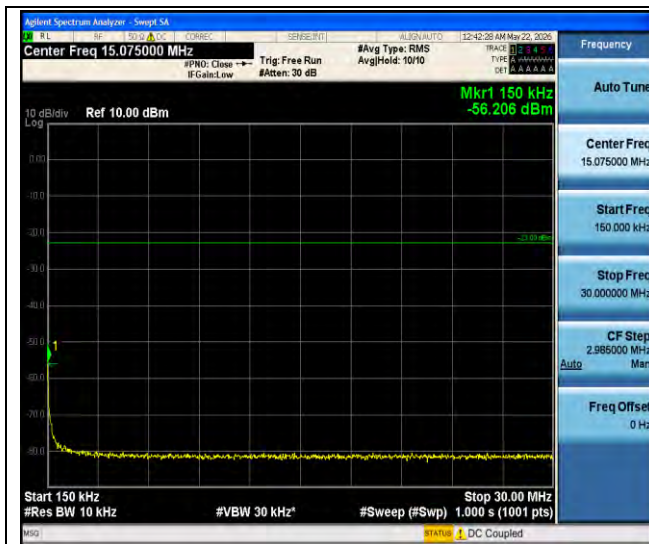


Band12-10MHz-QPSK-23130-50RB#0-PASS

Conducted Spurious Emission

Test Graphs





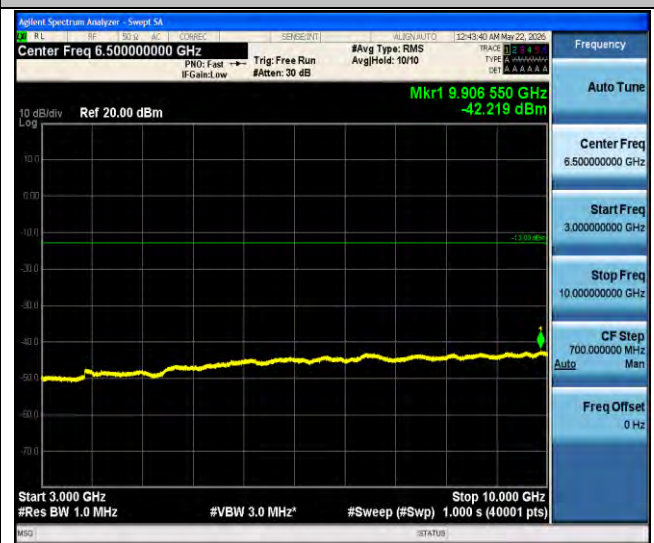
Band12-10MHz-QPSK-23095-1RB#0-0.15~30-PASS



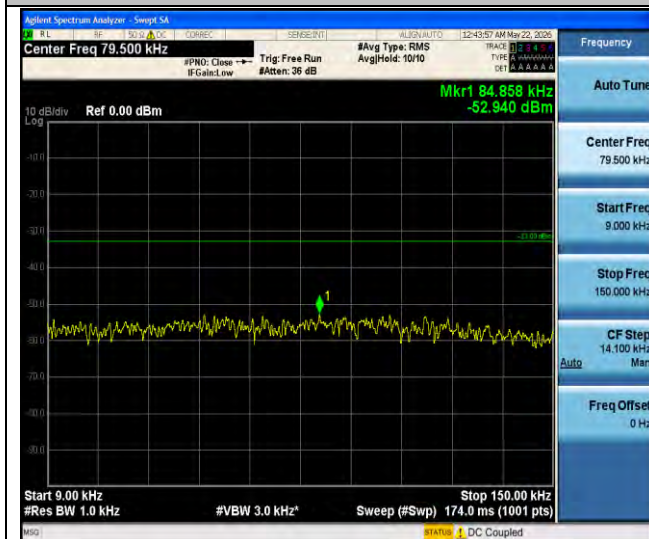
Band12-10MHz-QPSK-23095-1RB#0-30~1000-PASS



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



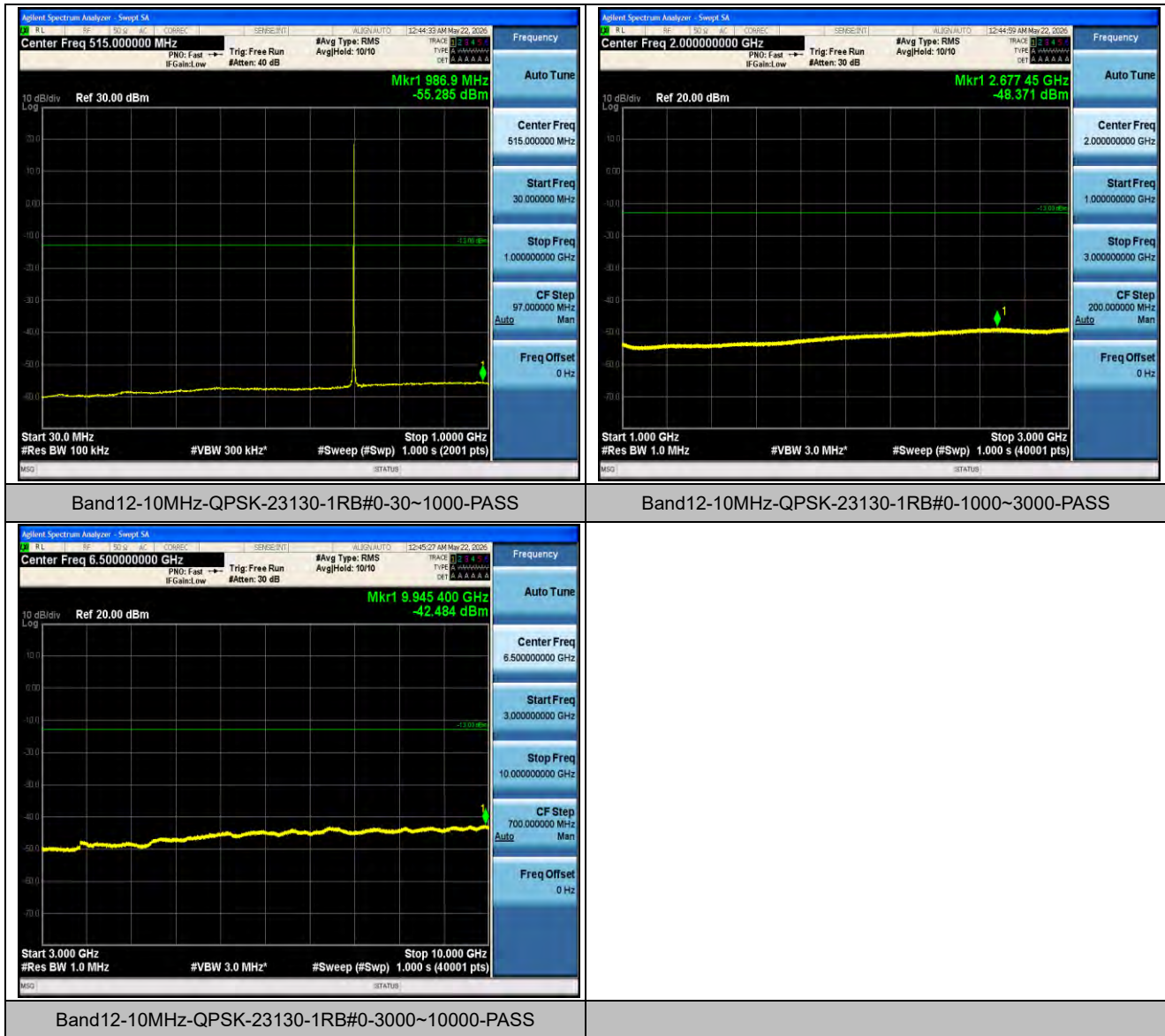
Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



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



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



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	-0.80	-0.001131	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-2.00	-0.002827	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-1.50	-0.002120	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	-1.70	-0.002403	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-2.80	-0.003958	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-1.90	-0.002686	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.10	-0.001555	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-0.80	-0.001131	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-0.90	-0.001272	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-1.70	-0.002403	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-0.40	-0.000565	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-1.00	-0.001413	PASS

~The End~