

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	23.11	20.46	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.18	20.53	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.13	20.48	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.52	19.87	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.49	19.84	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.65	20	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.48	19.83	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.54	18.89	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.75	19.1	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.94	19.29	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.57	18.92	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.58	17.93	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	18.53	15.88	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	18.43	15.78	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	18.52	15.87	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	18.34	15.69	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.07	20.42	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.13	20.48	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.11	20.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.49	19.84	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.44	19.79	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.3	19.65	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.36	19.71	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.48	18.83	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.55	18.9	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.74	19.09	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.64	18.99	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.49	17.84	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.42	15.77	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	18.61	15.96	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	18.78	16.13	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	18.49	15.84	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.05	20.4	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.13	20.48	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.06	20.41	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.46	19.81	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.28	19.63	34.77	PASS

Band12	1.4MHz	16QAM	23173	1RB#2	22.32	19.67	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.17	19.52	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.49	18.84	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.66	19.01	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.82	19.17	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.51	18.86	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.47	17.82	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.75	16.1	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	18.63	15.98	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	18.46	15.81	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	18.64	15.99	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.28	20.63	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.2	20.55	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.15	20.5	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.58	19.93	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.55	19.9	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.54	19.89	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.43	19.78	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.61	18.96	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.84	19.19	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.7	19.05	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.9	19.25	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.68	18.03	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.63	15.98	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	18.49	15.84	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	18.61	15.96	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	18.46	15.81	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.08	20.43	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.13	20.48	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.1	20.45	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.46	19.81	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.56	19.91	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.49	19.84	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.38	19.73	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.49	18.84	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.96	19.31	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.6	18.95	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.57	18.92	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.59	17.94	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	18.29	15.64	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	19.04	16.39	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.38	15.73	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	18.51	15.86	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.02	20.37	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.06	20.41	34.77	PASS

Band12	3MHz	QPSK	23165	1RB#14	22.99	20.34	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.35	19.7	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.15	19.5	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.31	19.66	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.49	19.84	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.32	18.67	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.79	19.14	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.95	19.3	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.63	18.98	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.53	17.88	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.66	16.01	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	18.58	15.93	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	18.47	15.82	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	18.33	15.68	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.17	20.52	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.14	20.49	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.19	20.54	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.52	19.87	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.62	19.97	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.31	19.66	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.6	19.95	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.59	18.94	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.7	19.05	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.83	19.18	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.64	18.99	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.59	17.94	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	18.46	15.81	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.56	15.91	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.28	15.63	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	18.47	15.82	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.06	20.41	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.11	20.46	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.16	20.51	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.47	19.82	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.46	19.81	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.47	19.82	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.45	19.8	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.48	18.83	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.62	18.97	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.68	19.03	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.63	18.98	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.57	17.92	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	18.54	15.89	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	18.51	15.86	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	18.38	15.73	34.77	PASS

Band12	5MHz	256QAM	23095	25RB#0	18.47	15.82	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.09	20.44	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.15	20.5	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.05	20.4	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.37	19.72	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.4	19.75	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.52	19.87	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.58	19.93	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.39	18.74	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.72	19.07	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.82	19.17	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.57	18.92	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.49	17.84	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.62	15.97	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	18.86	16.21	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	18.69	16.04	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	18.37	15.72	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.22	20.57	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.21	20.56	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.08	20.43	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.63	19.98	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.52	19.87	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.53	19.88	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.6	19.95	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.64	18.99	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.99	19.34	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.63	18.98	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.54	18.89	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.73	18.08	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	19.06	16.41	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	18.8	16.15	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.65	16	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	18.59	15.94	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.13	20.48	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.09	20.44	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.06	20.41	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.63	19.98	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.41	19.76	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.39	19.74	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.42	19.77	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.68	19.03	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.06	19.41	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22	19.35	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.55	18.9	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.65	18	34.77	PASS

Band12	10MHz	256QAM	23095	1RB#0	18.92	16.27	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	18.48	15.83	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	19.02	16.37	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	18.66	16.01	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.09	20.44	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.12	20.47	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.91	20.26	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.53	19.88	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.65	20	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.59	19.94	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.18	19.53	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.52	18.87	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.91	19.26	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.53	18.88	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.08	19.43	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.54	17.89	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.73	16.08	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.45	15.8	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	18.88	16.23	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.54	15.89	34.77	PASS

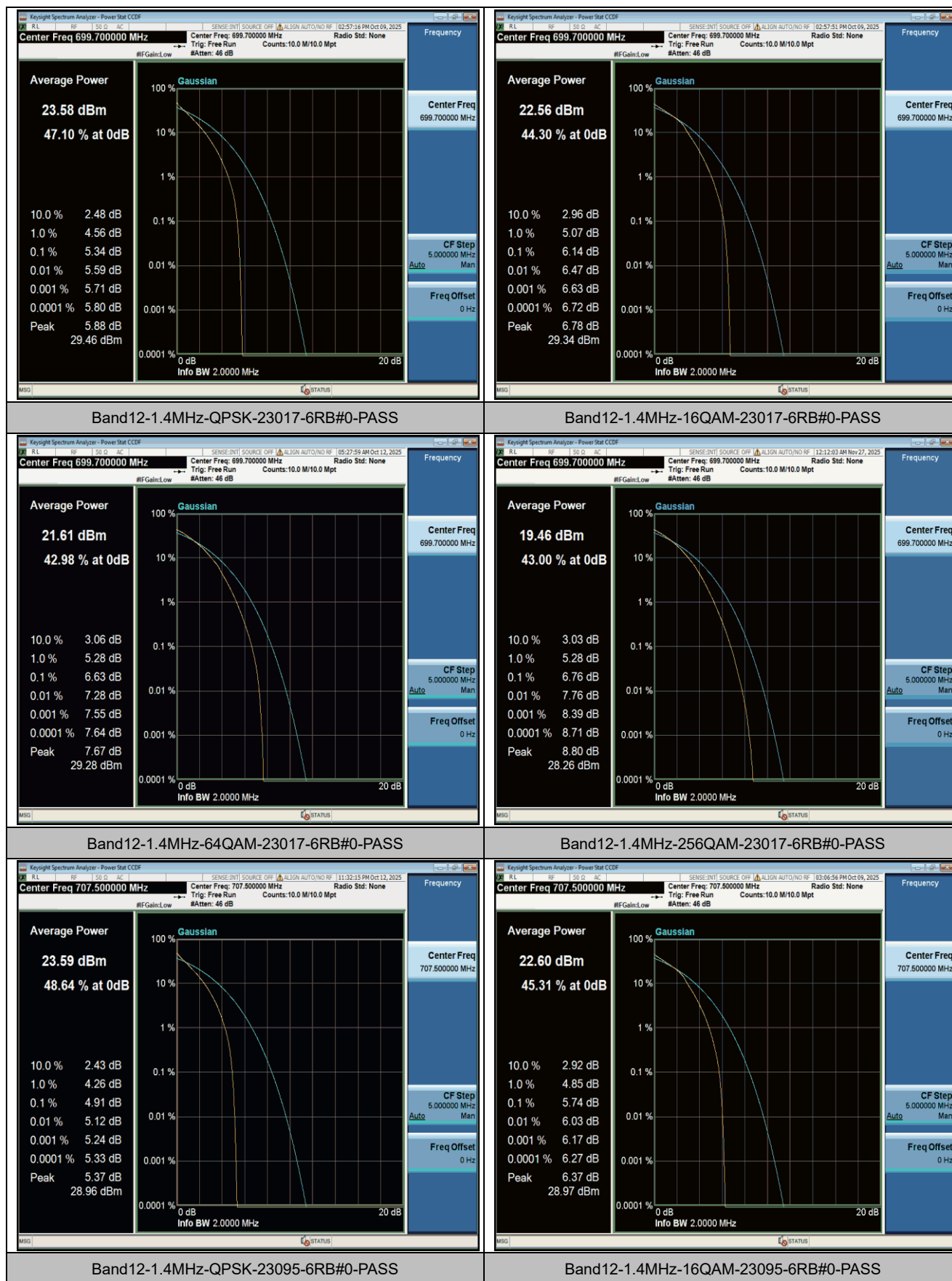
Peak-to-Average Ratio(CCDF)

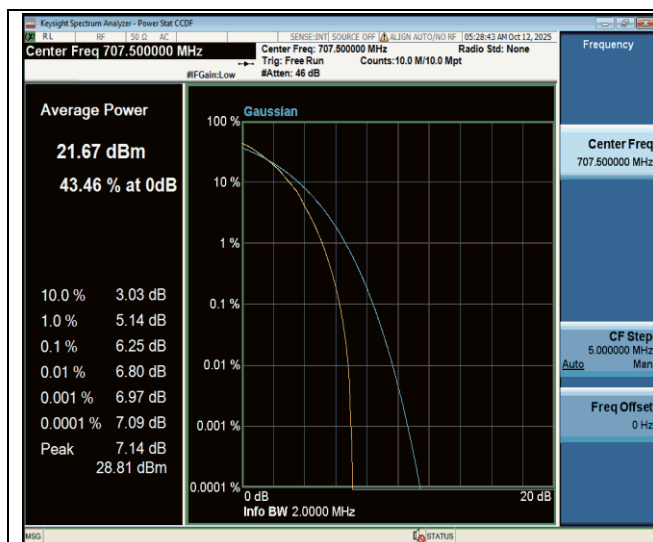
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.34	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.14	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.63	13	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	6.76	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.91	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.74	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.25	13	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	6.63	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.08	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.07	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.50	13	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	6.75	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.44	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.25	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	6.62	13	PASS
Band12	3MHz	256QAM	23025	15RB#0	6.74	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.14	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.97	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.38	13	PASS
Band12	3MHz	256QAM	23095	15RB#0	6.61	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.34	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.26	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.59	13	PASS
Band12	3MHz	256QAM	23165	15RB#0	6.74	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.45	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.22	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.56	13	PASS
Band12	5MHz	256QAM	23035	25RB#0	6.63	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.17	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.97	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.33	13	PASS
Band12	5MHz	256QAM	23095	25RB#0	6.64	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.44	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.24	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.60	13	PASS
Band12	5MHz	256QAM	23155	25RB#0	6.74	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.10	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.91	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.37	13	PASS

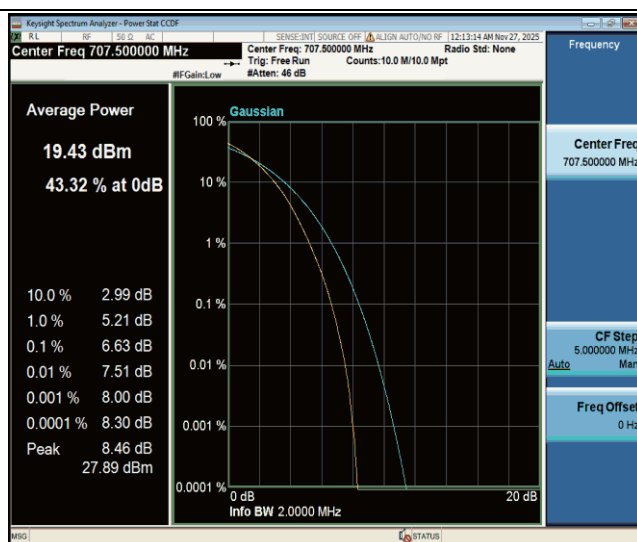
Band12	10MHz	256QAM	23060	50RB#0	6.65	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.87	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.77	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.26	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.59	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.04	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.90	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.38	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.66	13	PASS

Test Graphs

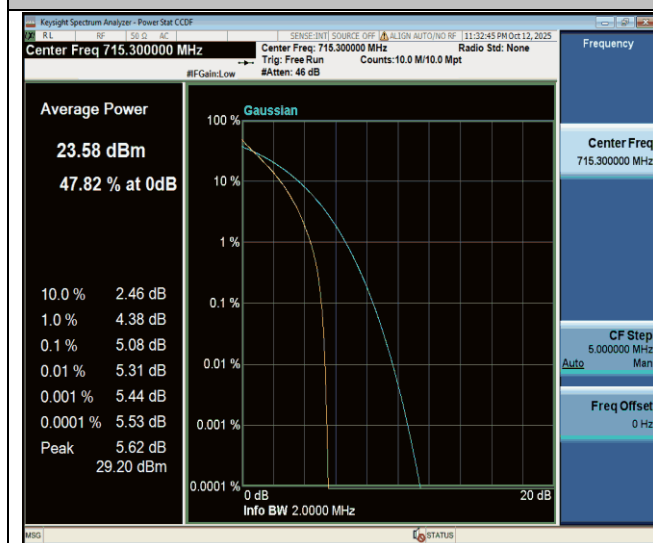




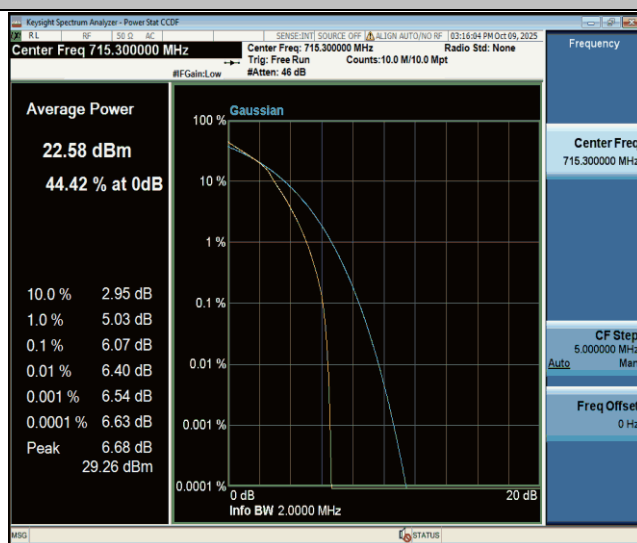
Band12-1.4MHz-64QAM-23095-6RB#0-PASS



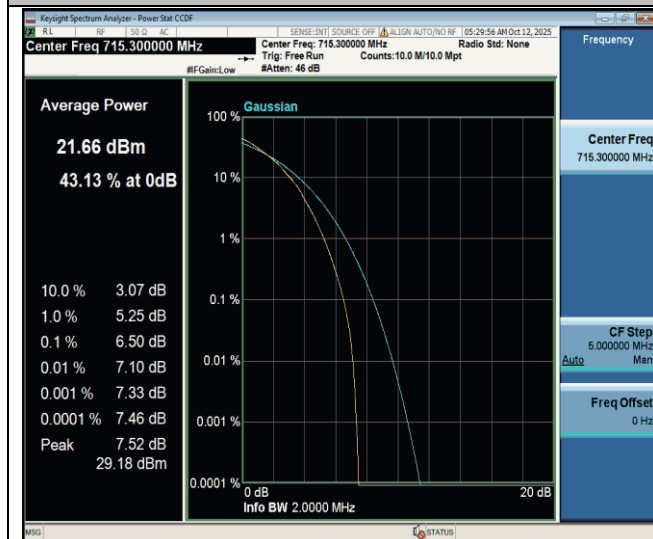
Band12-1.4MHz-256QAM-23095-6RB#0-PASS



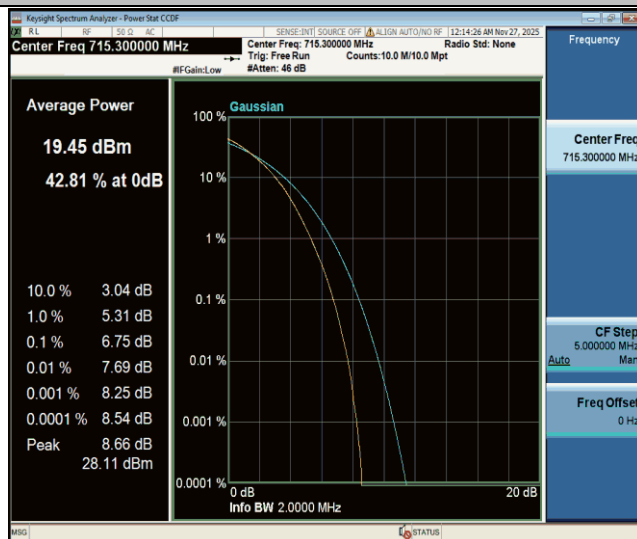
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



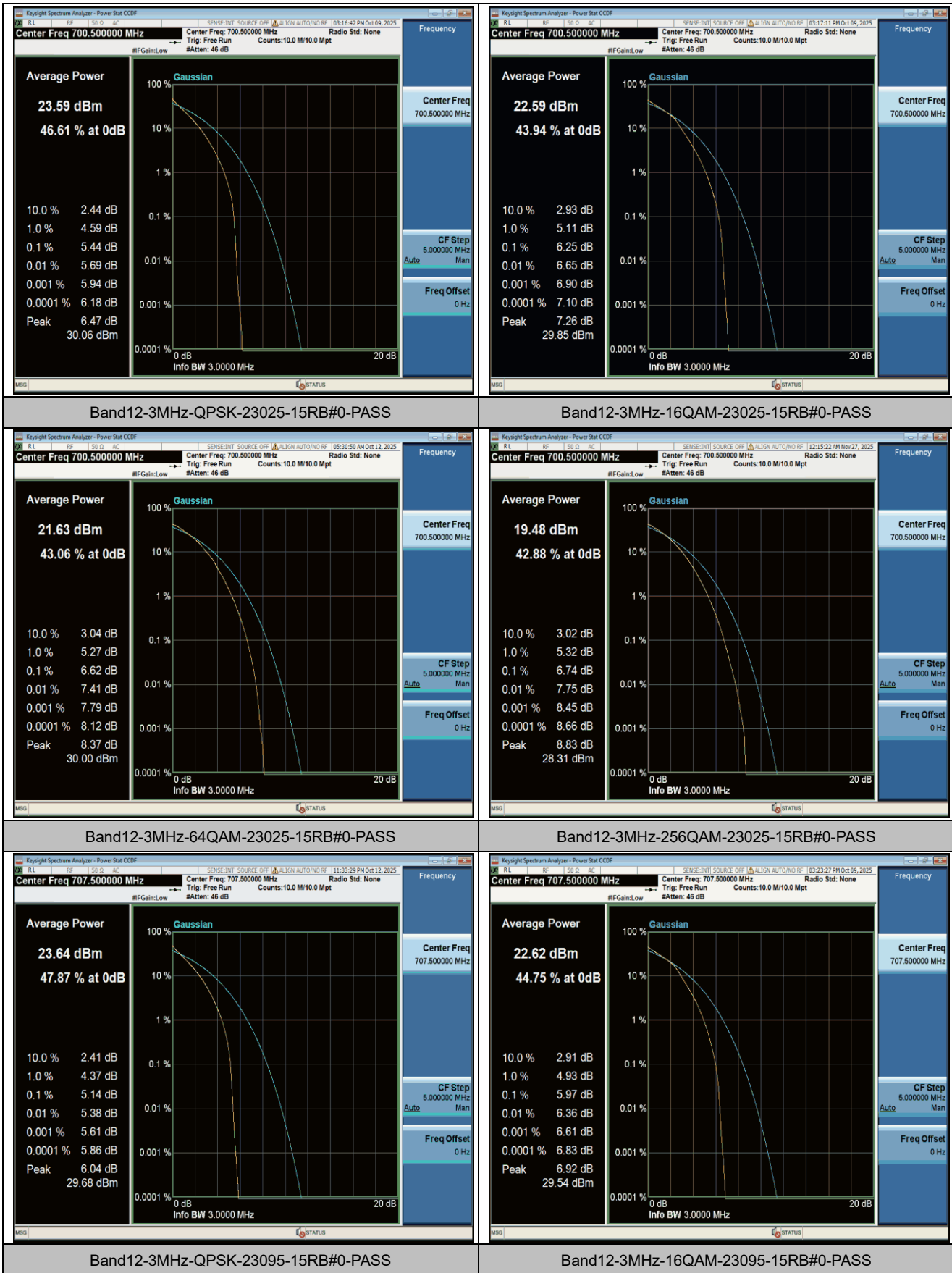
Band12-1.4MHz-16QAM-23173-6RB#0-PASS

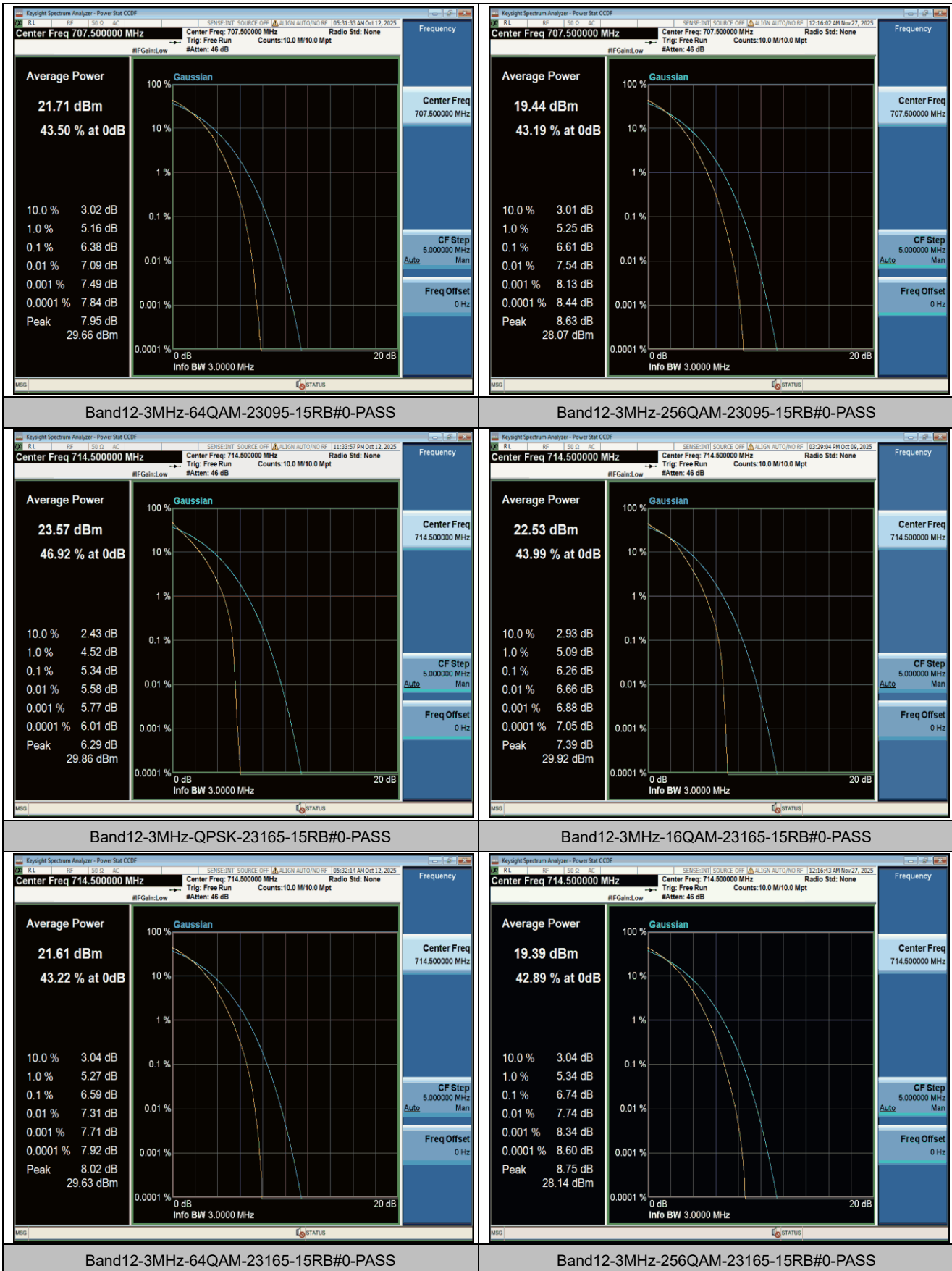


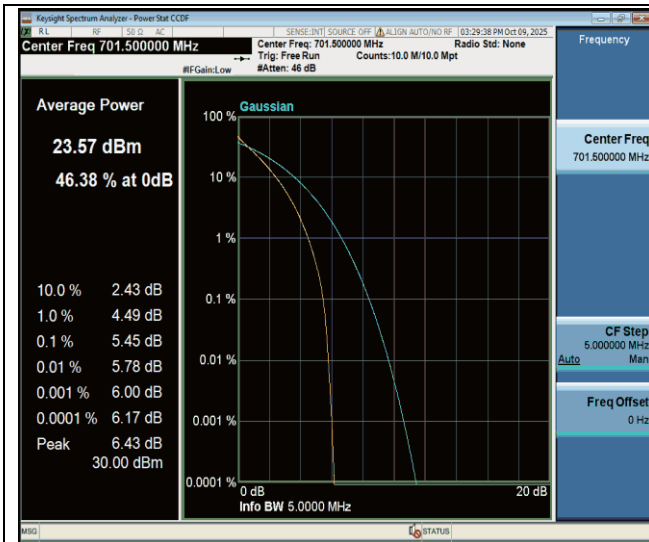
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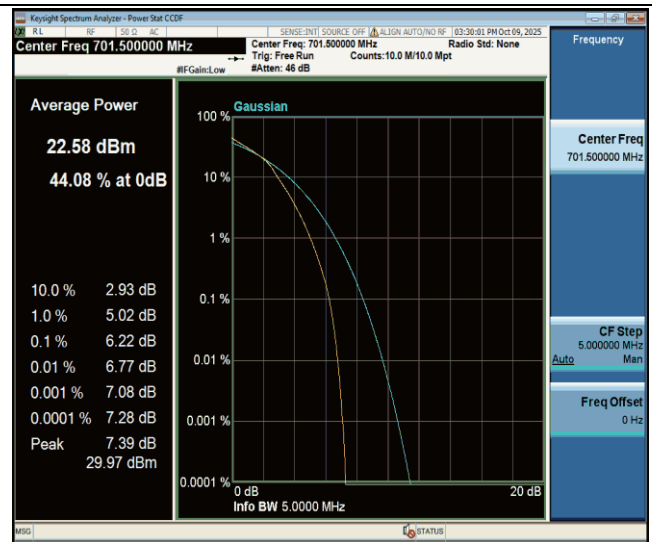
Band12-1.4MHz-256QAM-23173-6RB#0-PASS



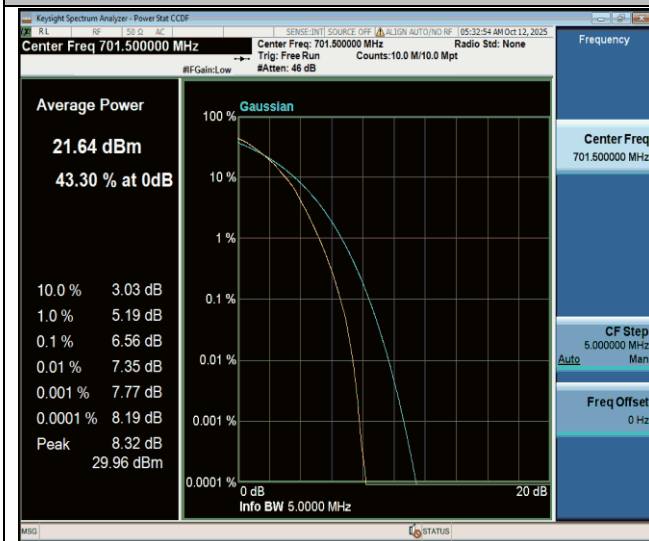




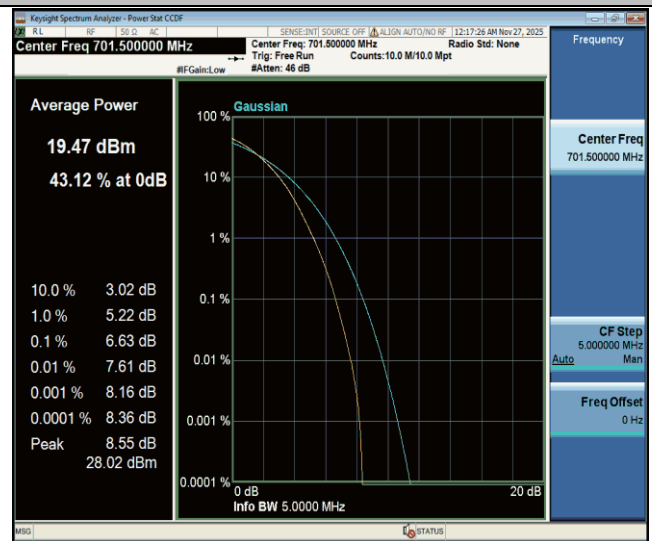
Band12-5MHz-QPSK-23035-25RB#0-PASS



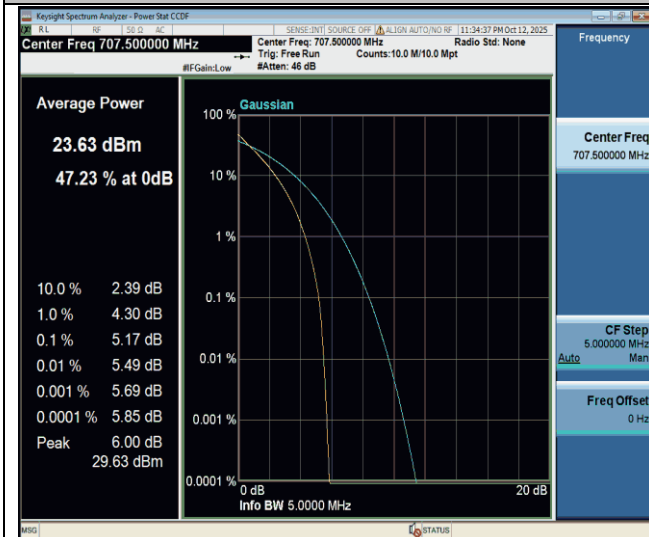
Band12-5MHz-16QAM-23035-25RB#0-PASS



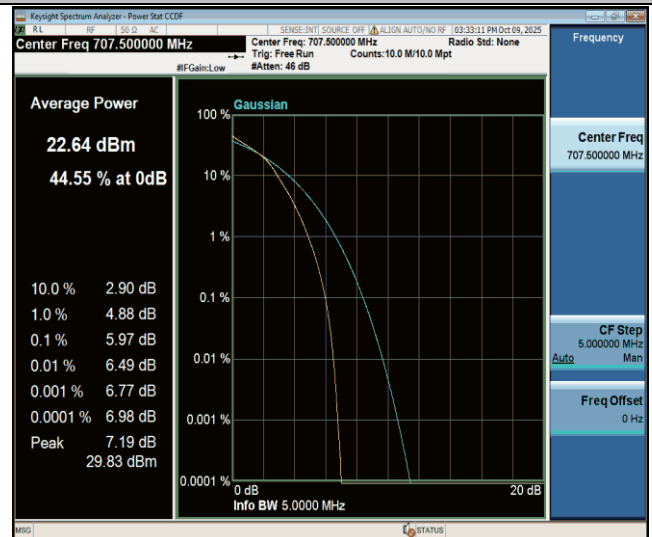
Band12-5MHz-64QAM-23035-25RB#0-PASS



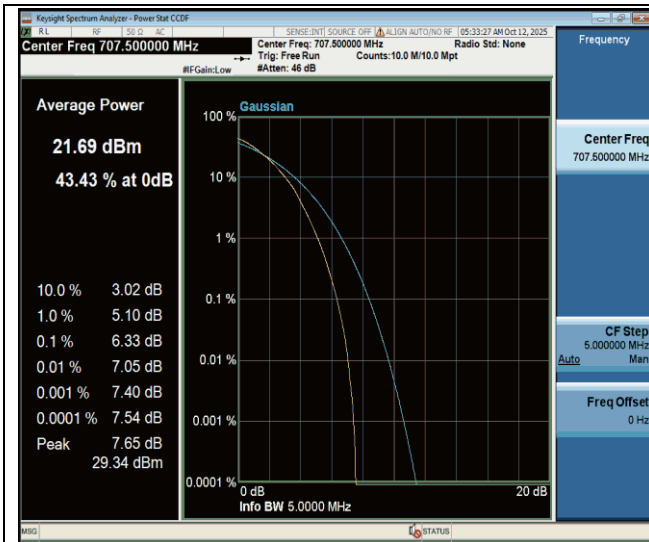
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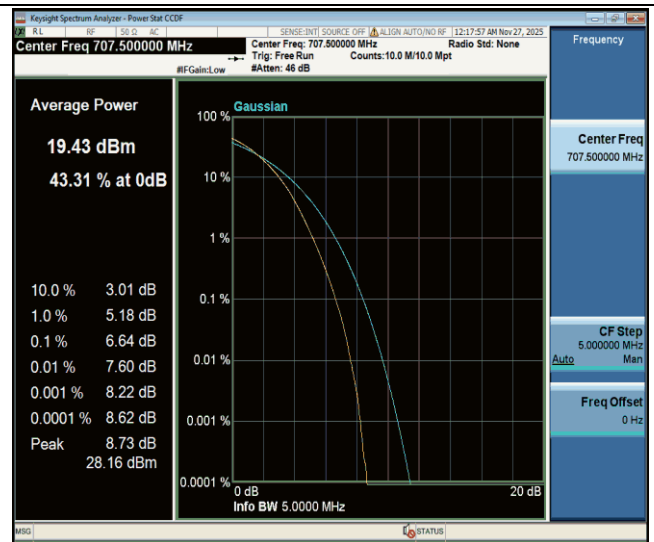
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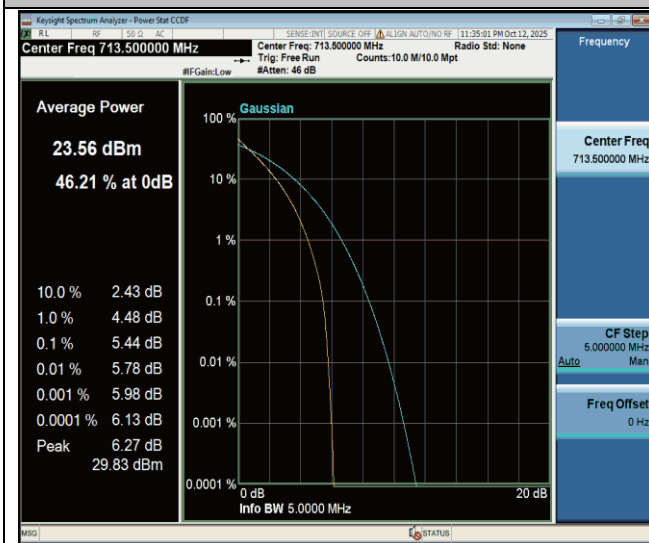
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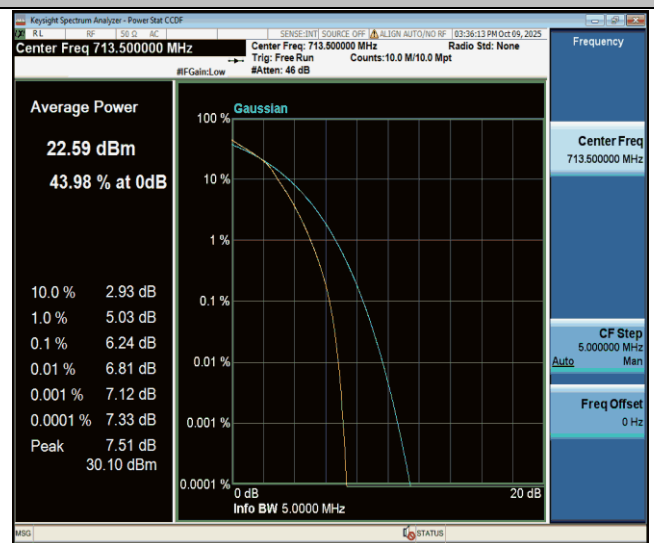
Band12-5MHz-64QAM-23095-25RB#0-PASS



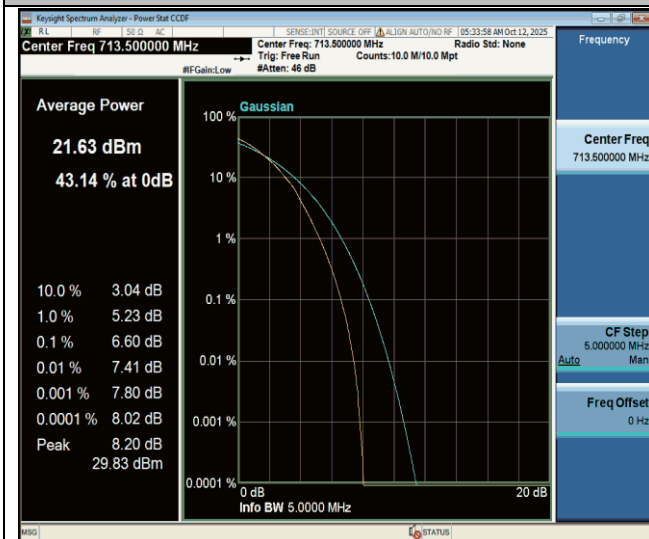
Band12-5MHz-256QAM-23095-25RB#0-PASS



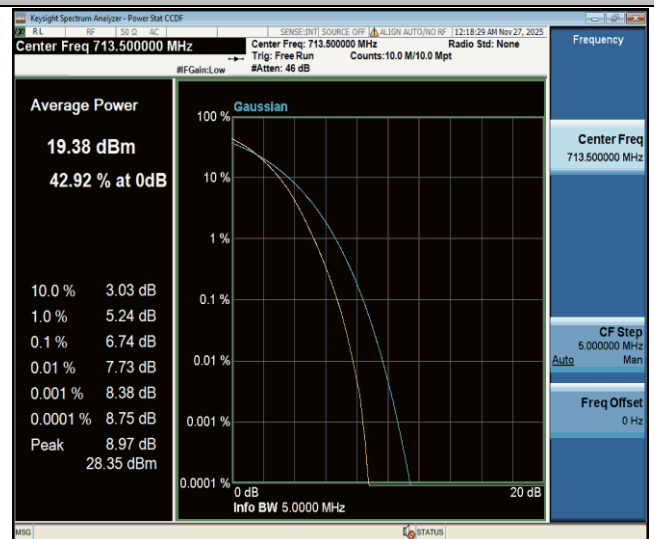
Band12-5MHz-QPSK-23155-25RB#0-PASS



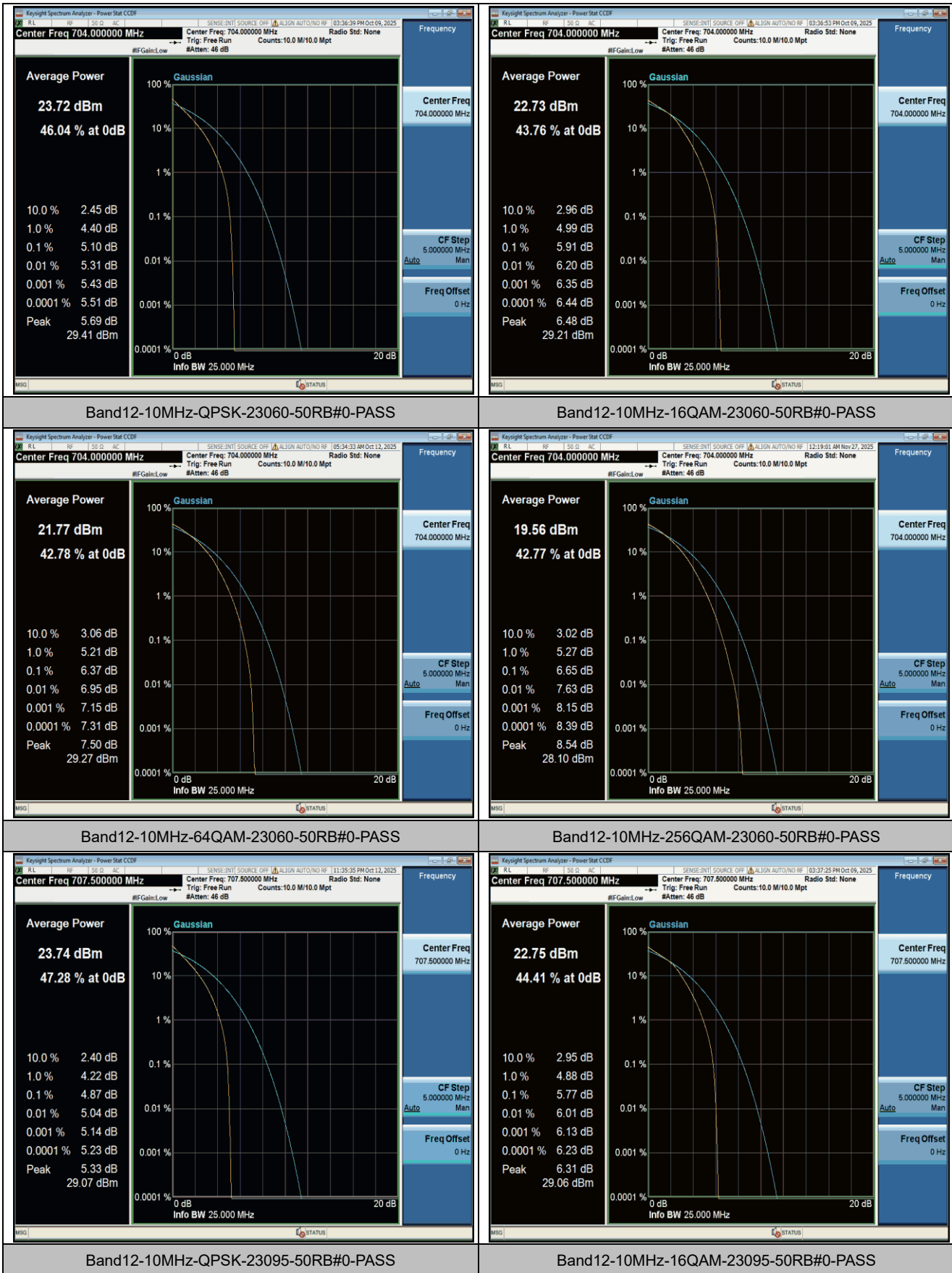
Band12-5MHz-16QAM-23155-25RB#0-PASS

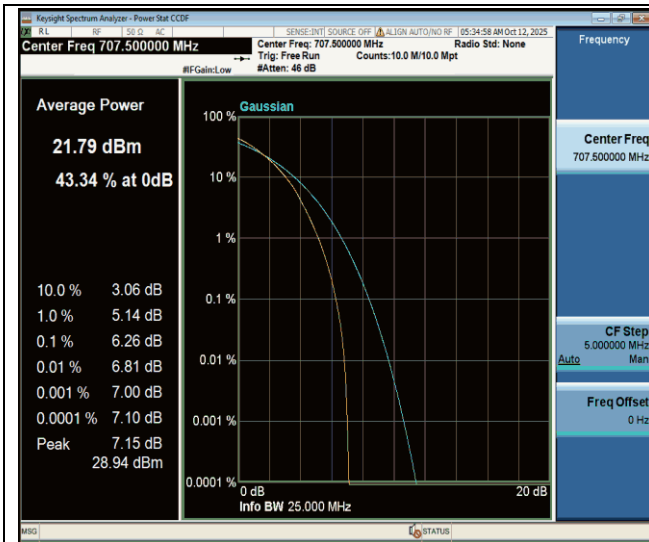


Band12-5MHz-64QAM-23155-25RB#0-PASS

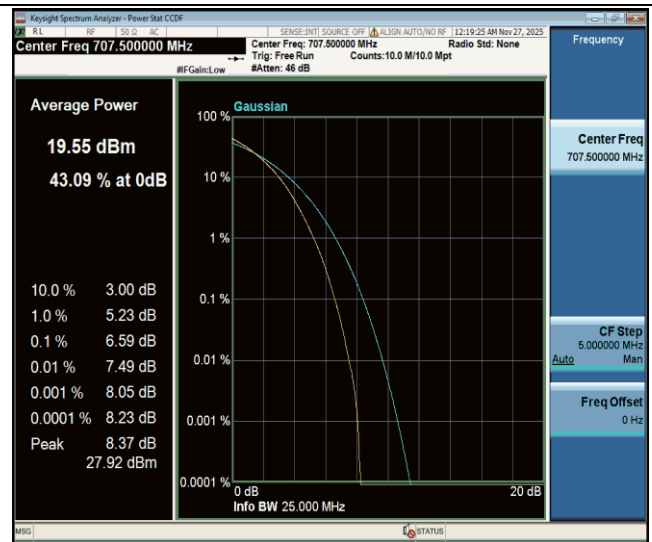


Band12-5MHz-256QAM-23155-25RB#0-PASS

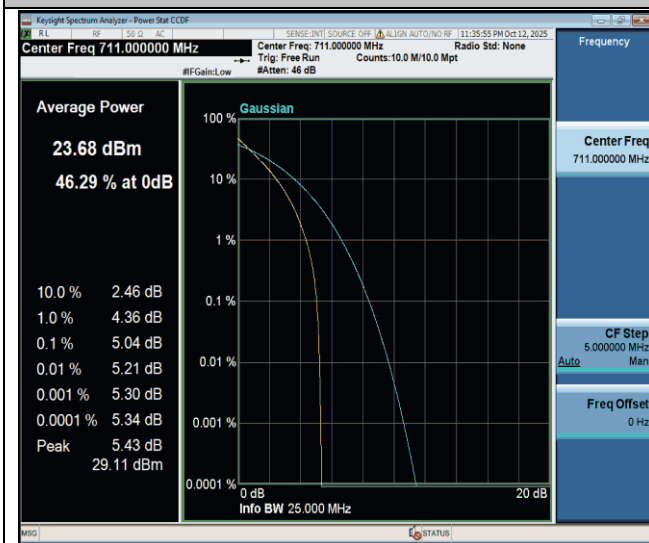




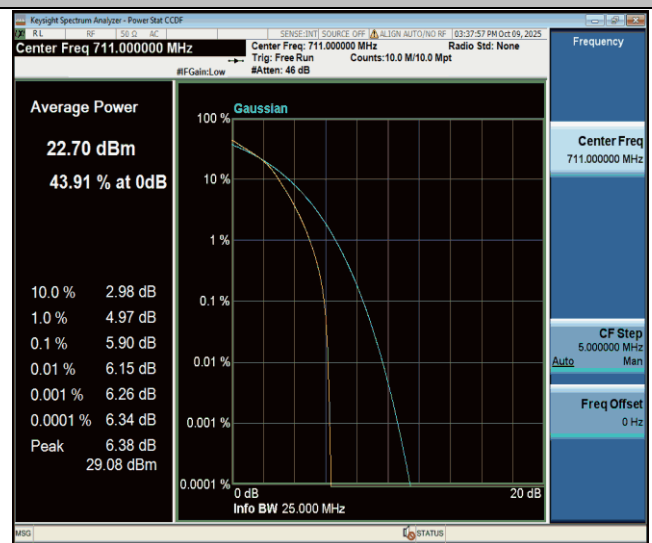
Band12-10MHz-64QAM-23095-50RB#0-PASS



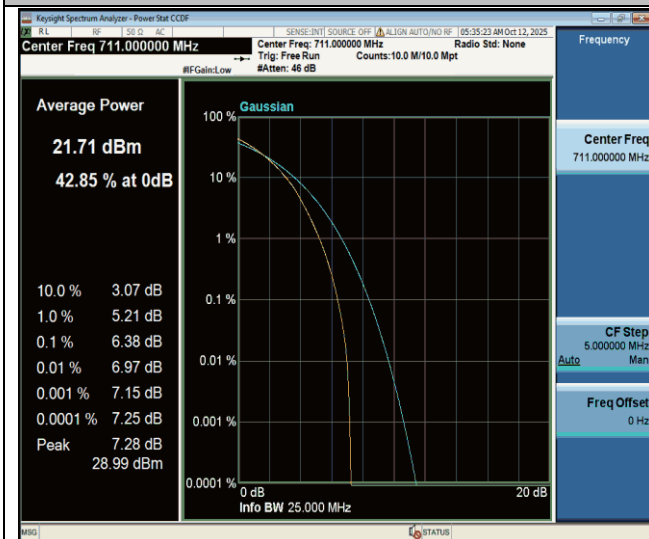
Band12-10MHz-256QAM-23095-50RB#0-PASS



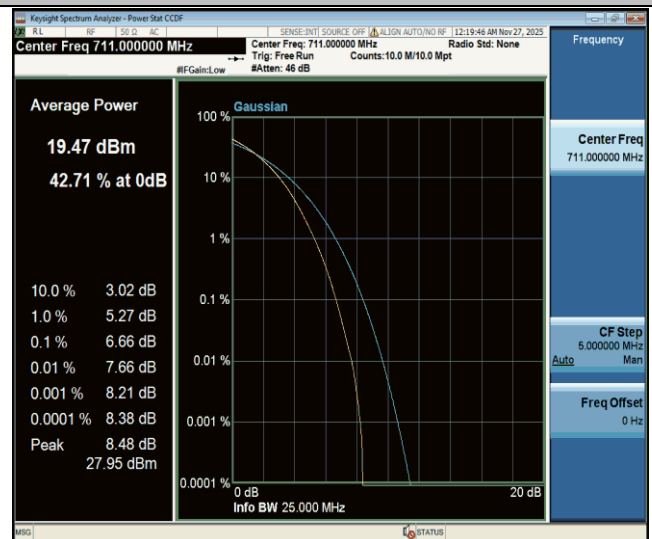
Band12-10MHz-QPSK-23130-50RB#0-PASS



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



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



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

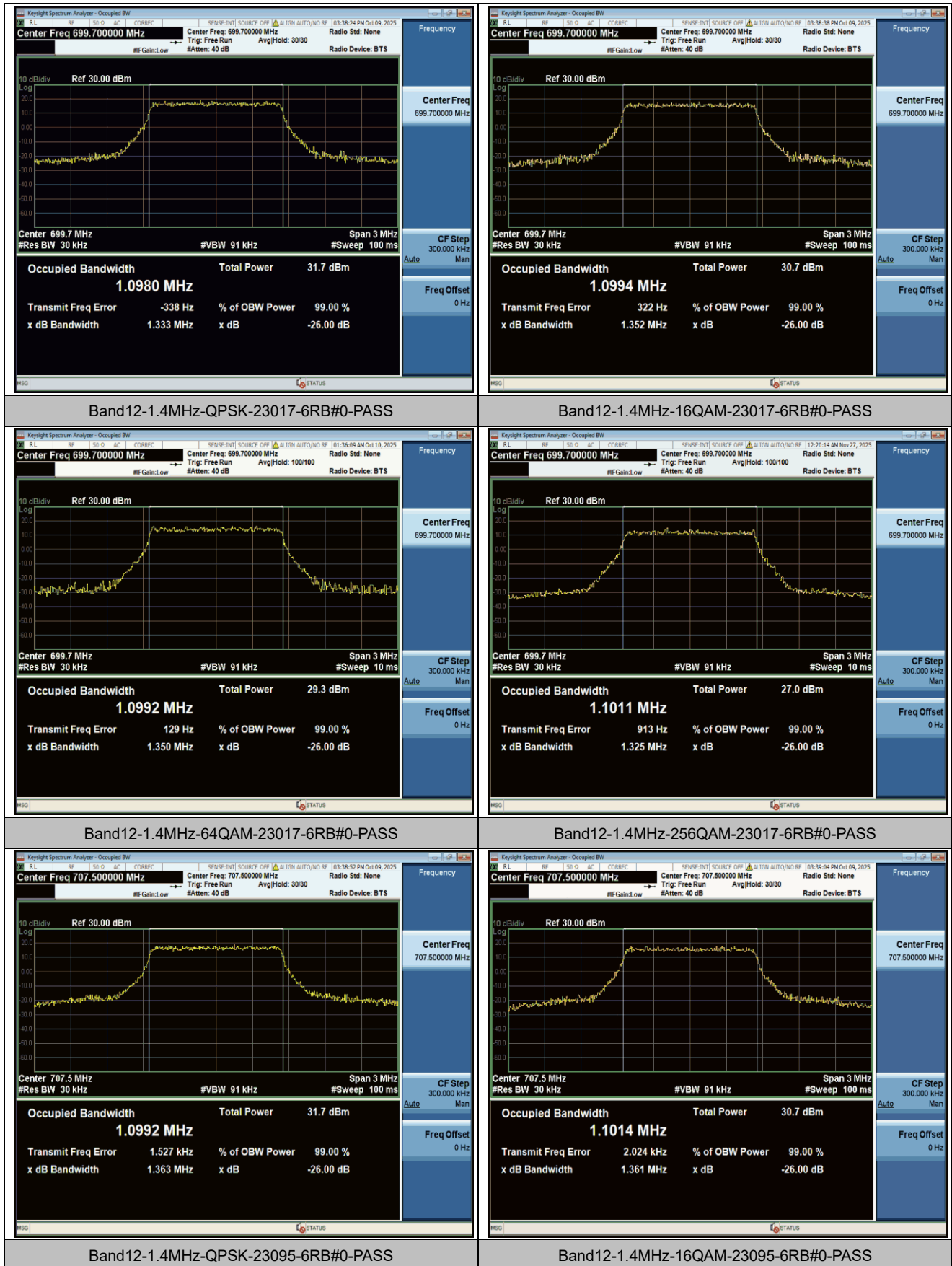
26dB Bandwidth and Occupied Bandwidth

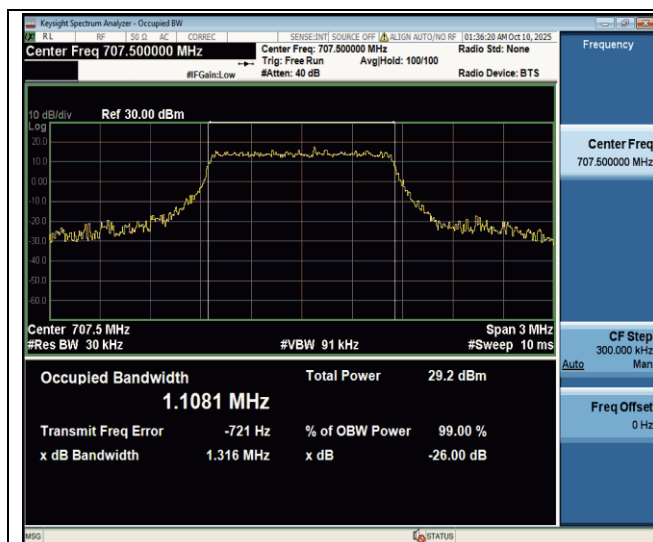
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0980	1.333	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0994	1.352	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0992	1.350	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.1011	1.325	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0992	1.363	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1014	1.361	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.1081	1.316	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.1025	1.366	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1007	1.394	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1017	1.360	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.1004	1.352	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.0968	1.359	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7021	3.054	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6971	3.034	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.7025	3.019	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.7037	3.055	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6981	3.054	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6934	3.031	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.7024	3.030	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.6971	3.003	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6975	3.023	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6997	3.061	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6983	3.034	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.7039	3.031	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5066	5.111	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5054	5.105	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4953	5.074	PASS
Band12	5MHz	256QAM	23035	25RB#0	4.4955	5.070	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5014	5.092	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4997	5.125	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4979	5.112	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.4995	5.060	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5089	5.087	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5068	5.158	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5216	5.107	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.5019	5.050	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0076	10.02	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0138	10.02	PASS

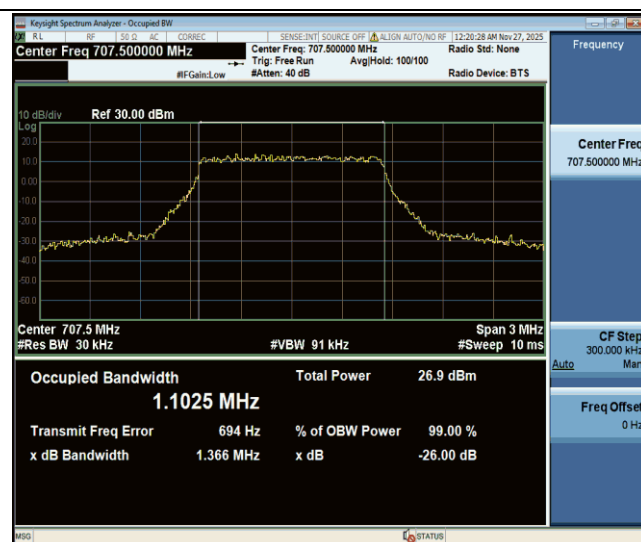
Band12	10MHz	64QAM	23060	50RB#0	8.9931	9.968	PASS
Band12	10MHz	256QAM	23060	50RB#0	9.0015	9.930	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9889	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9832	9.949	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9833	9.943	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9774	9.969	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9700	9.904	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0000	10.06	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9889	9.976	PASS
Band12	10MHz	256QAM	23130	50RB#0	9.0007	10.02	PASS

Test Graphs

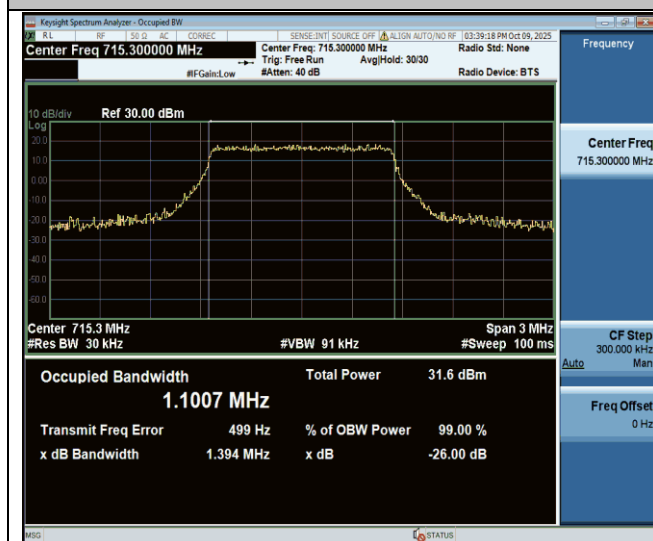




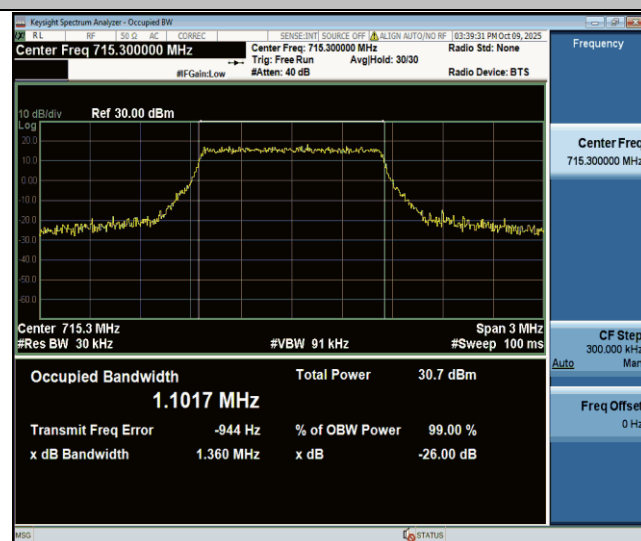
Band12-1.4MHz-64QAM-23095-6RB#0-PASS



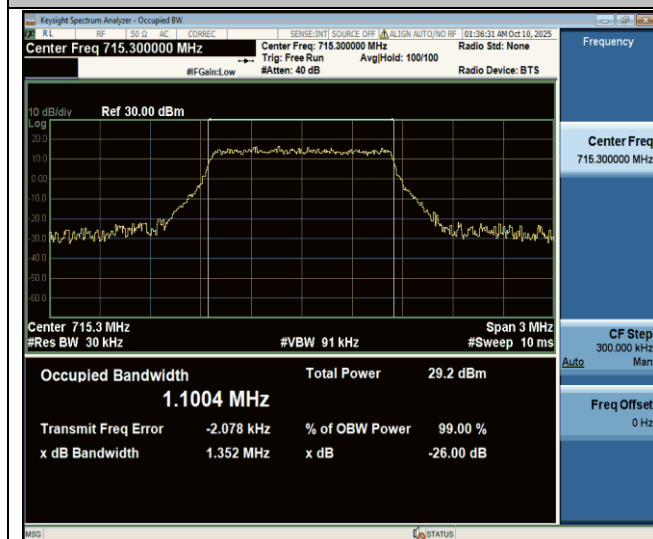
Band12-1.4MHz-256QAM-23095-6RB#0-PASS



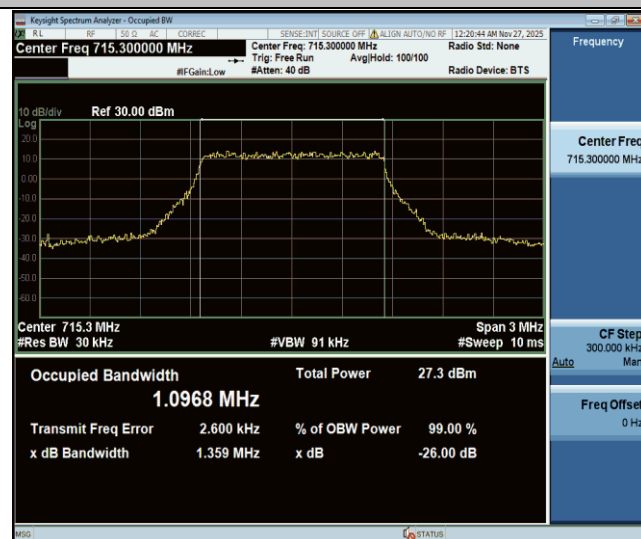
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



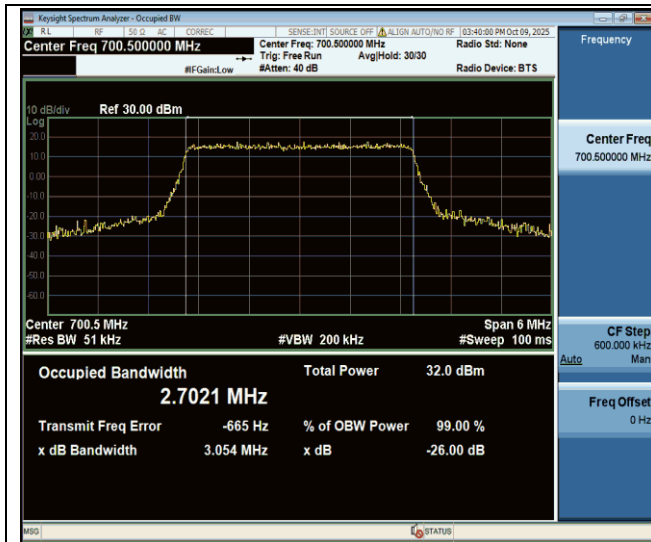
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



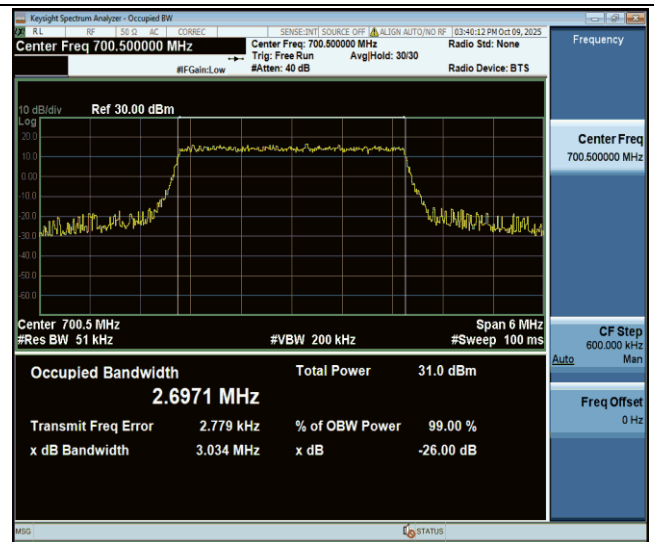
Band12-1.4MHz-64QAM-23173-6RB#0-PASS



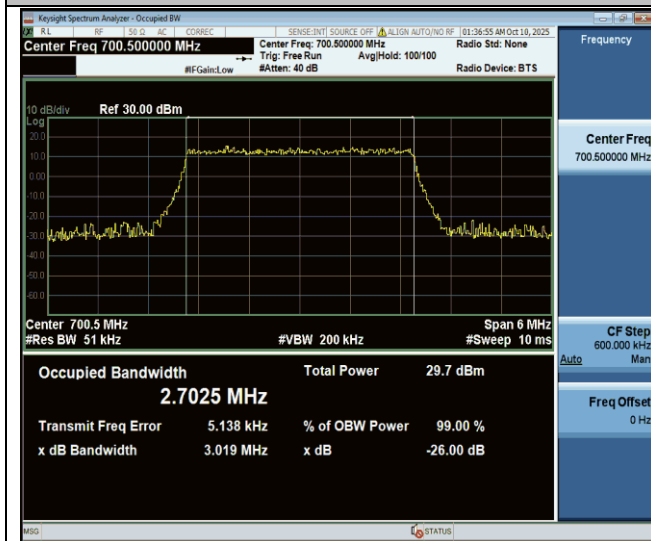
Band12-1.4MHz-256QAM-23173-6RB#0-PASS



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



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



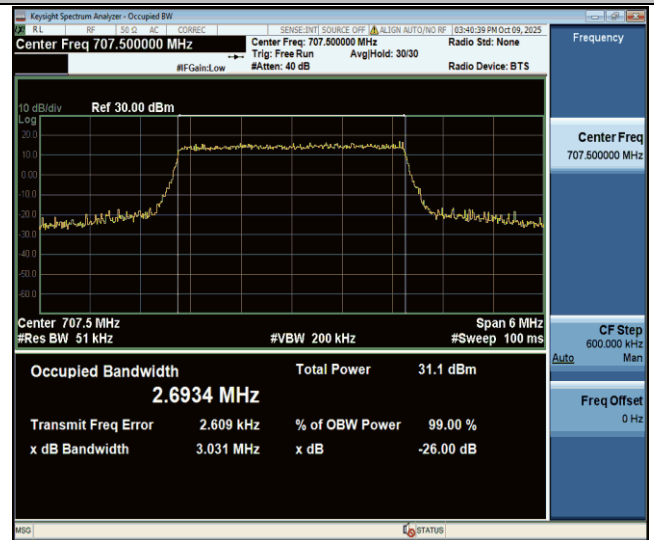
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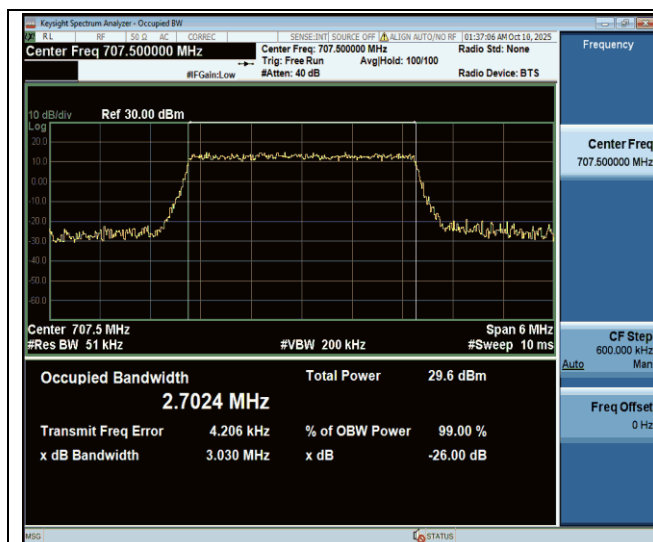
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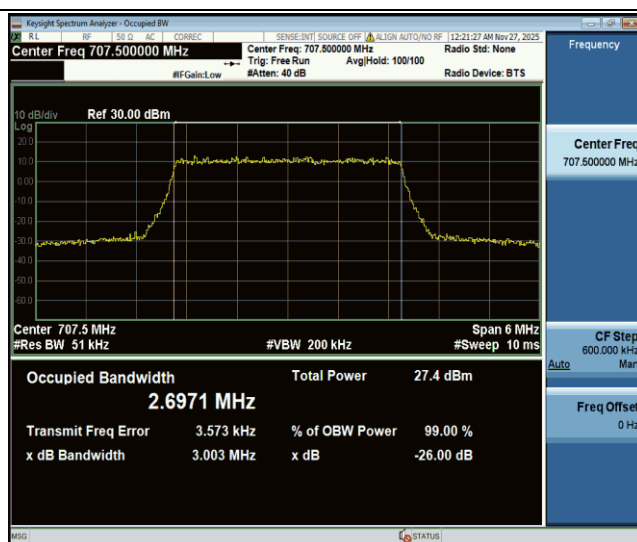
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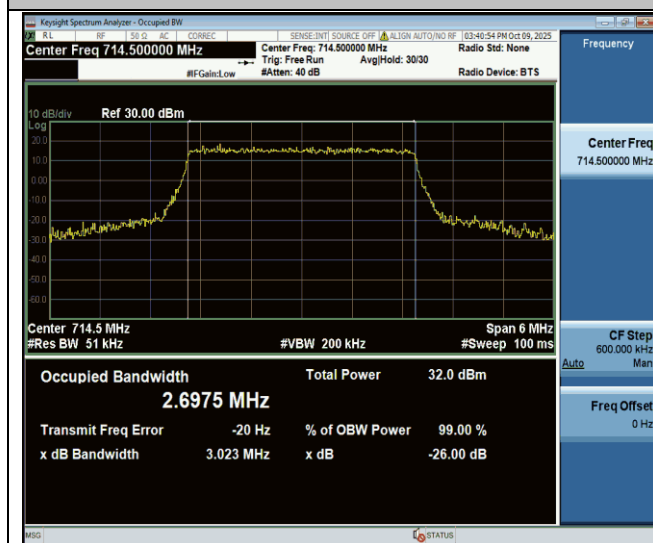
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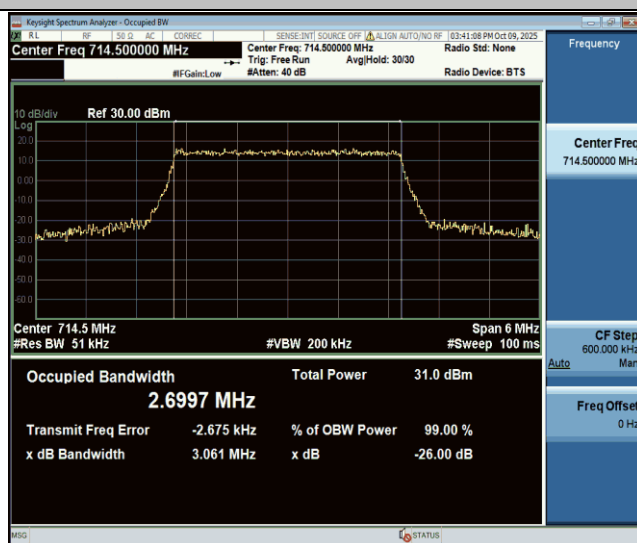
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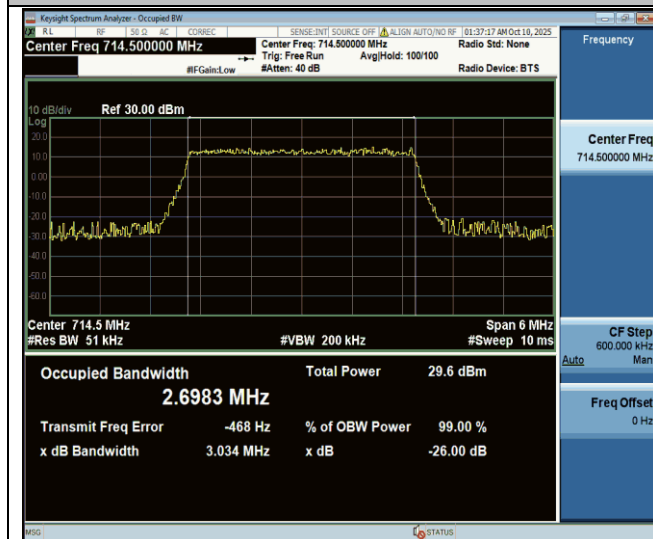
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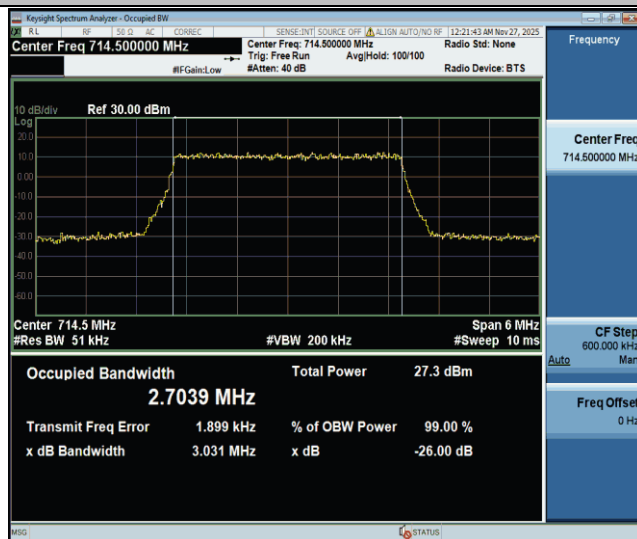
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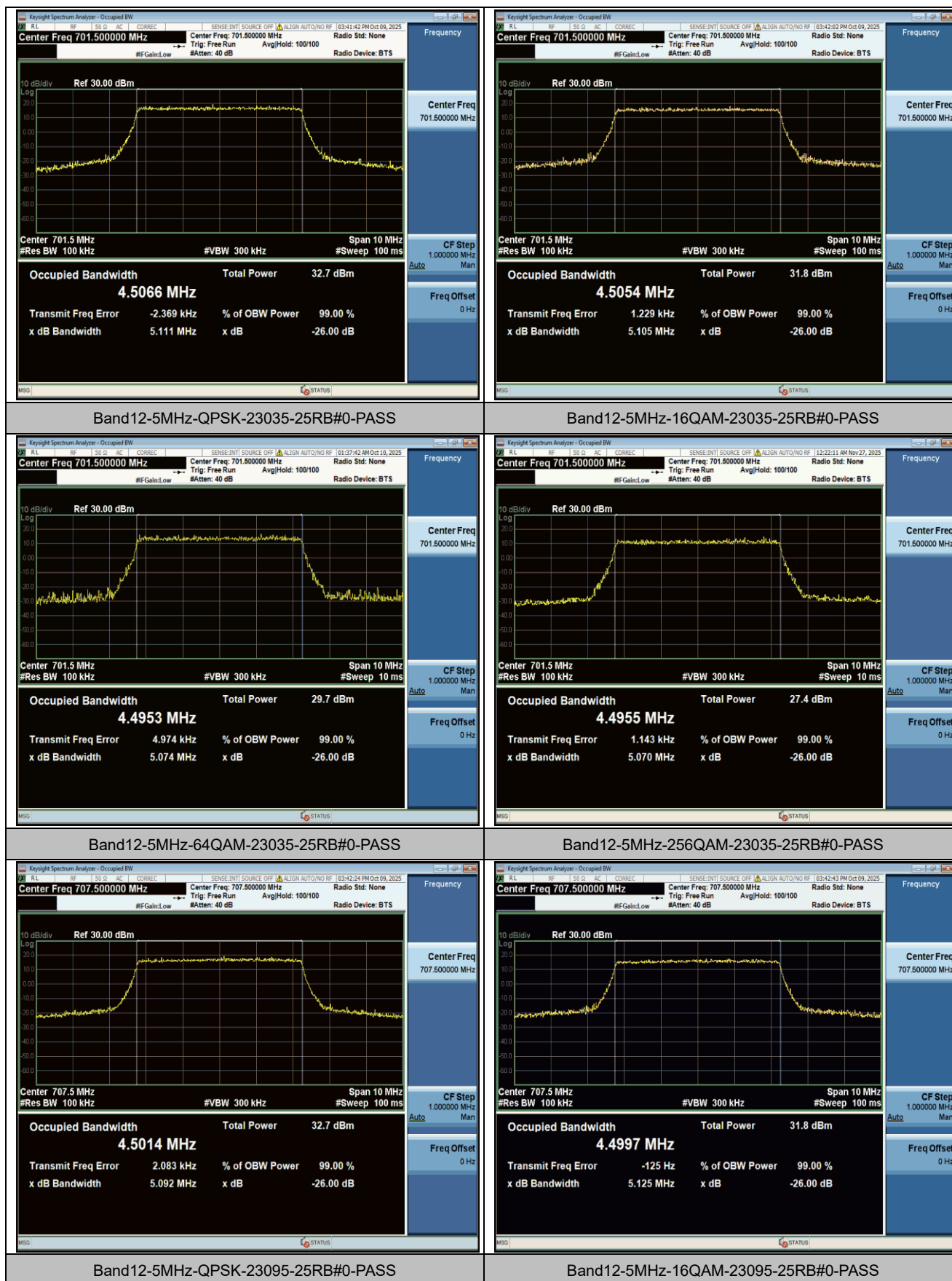
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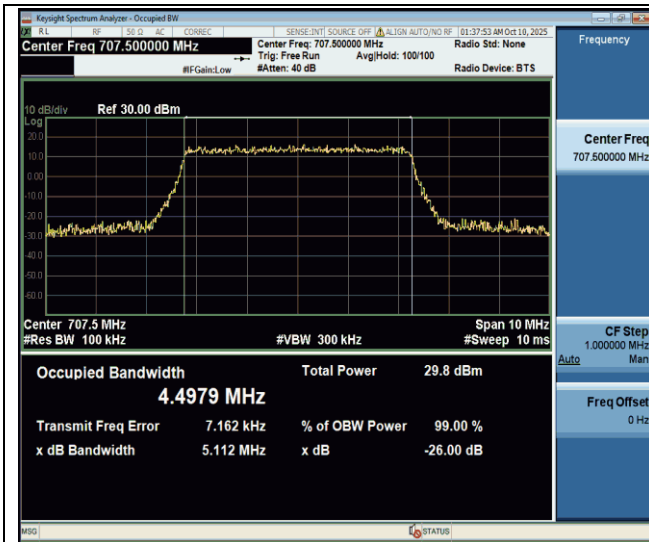


Band12-3MHz-64QAM-23165-15RB#0-PASS



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

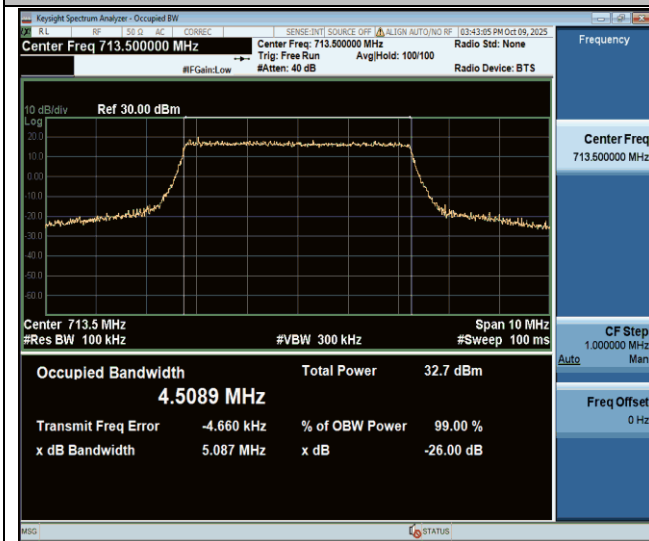




Band12-5MHz-64QAM-23095-25RB#0-PASS



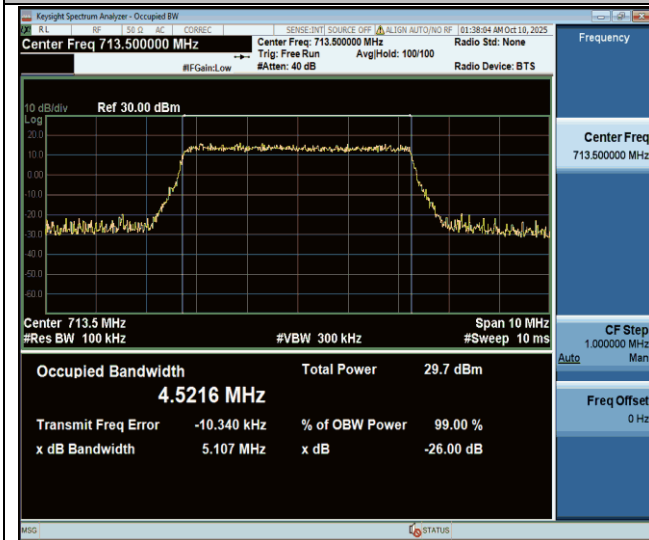
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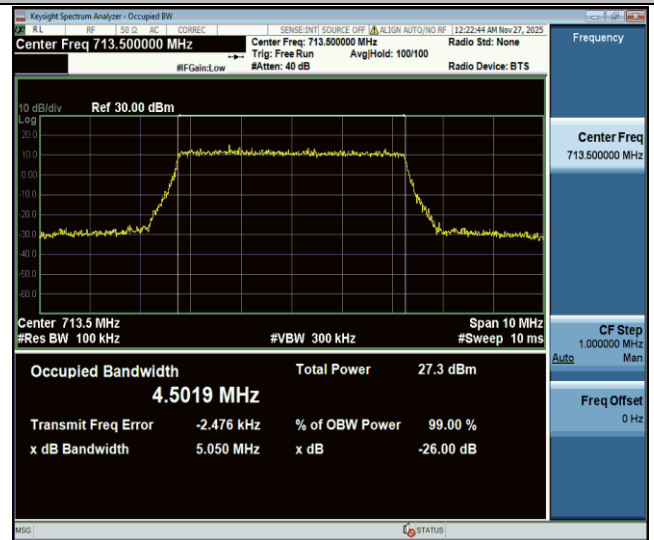
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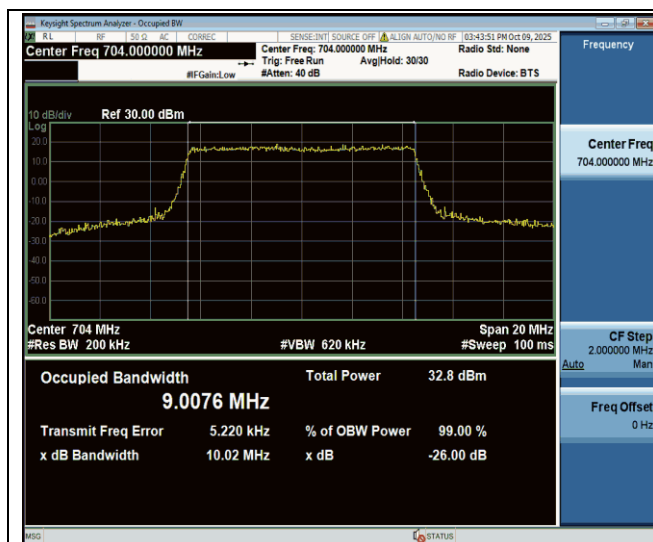
Band12-5MHz-16QAM-23155-25RB#0-PASS



Band12-5MHz-64QAM-23155-25RB#0-PASS



Band12-5MHz-256QAM-23155-25RB#0-PASS



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



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



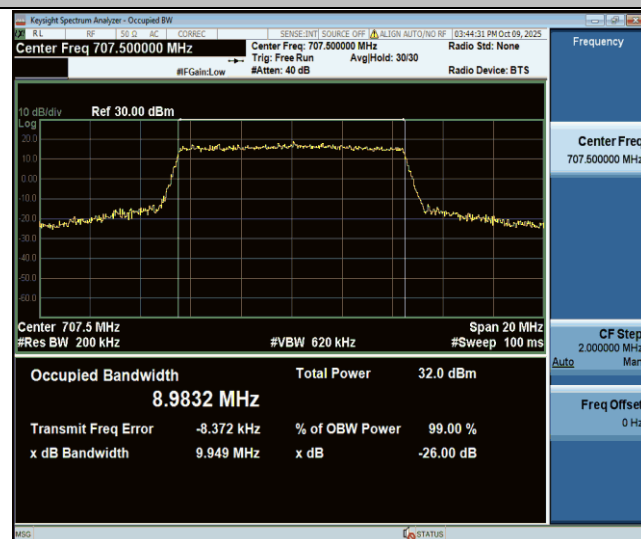
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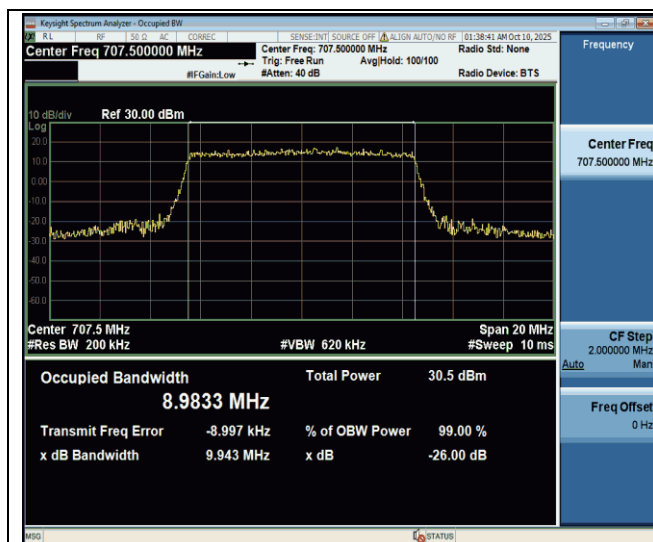
Band12-10MHz-256QAM-23060-50RB#0-PASS



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



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



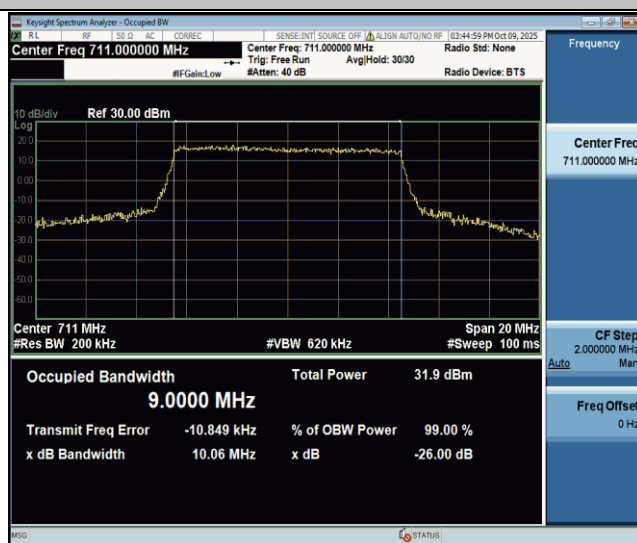
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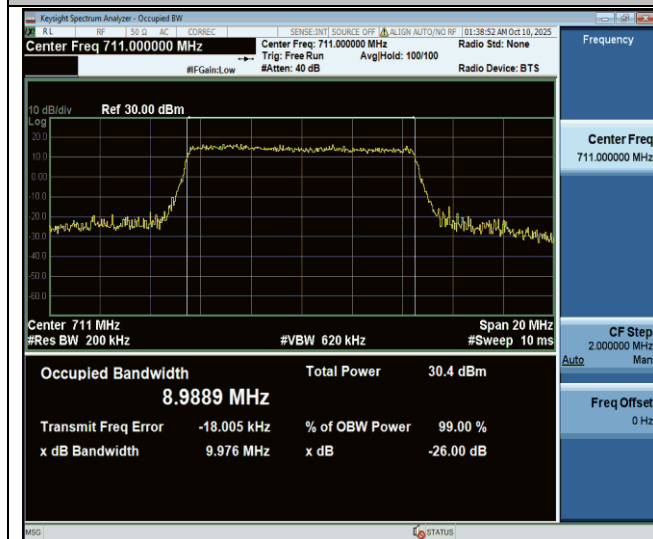
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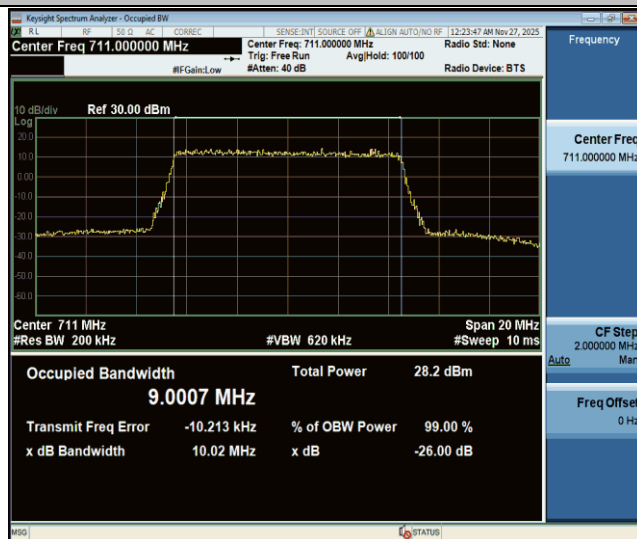
Band12-10MHz-QPSK-23130-50RB#0-PASS



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



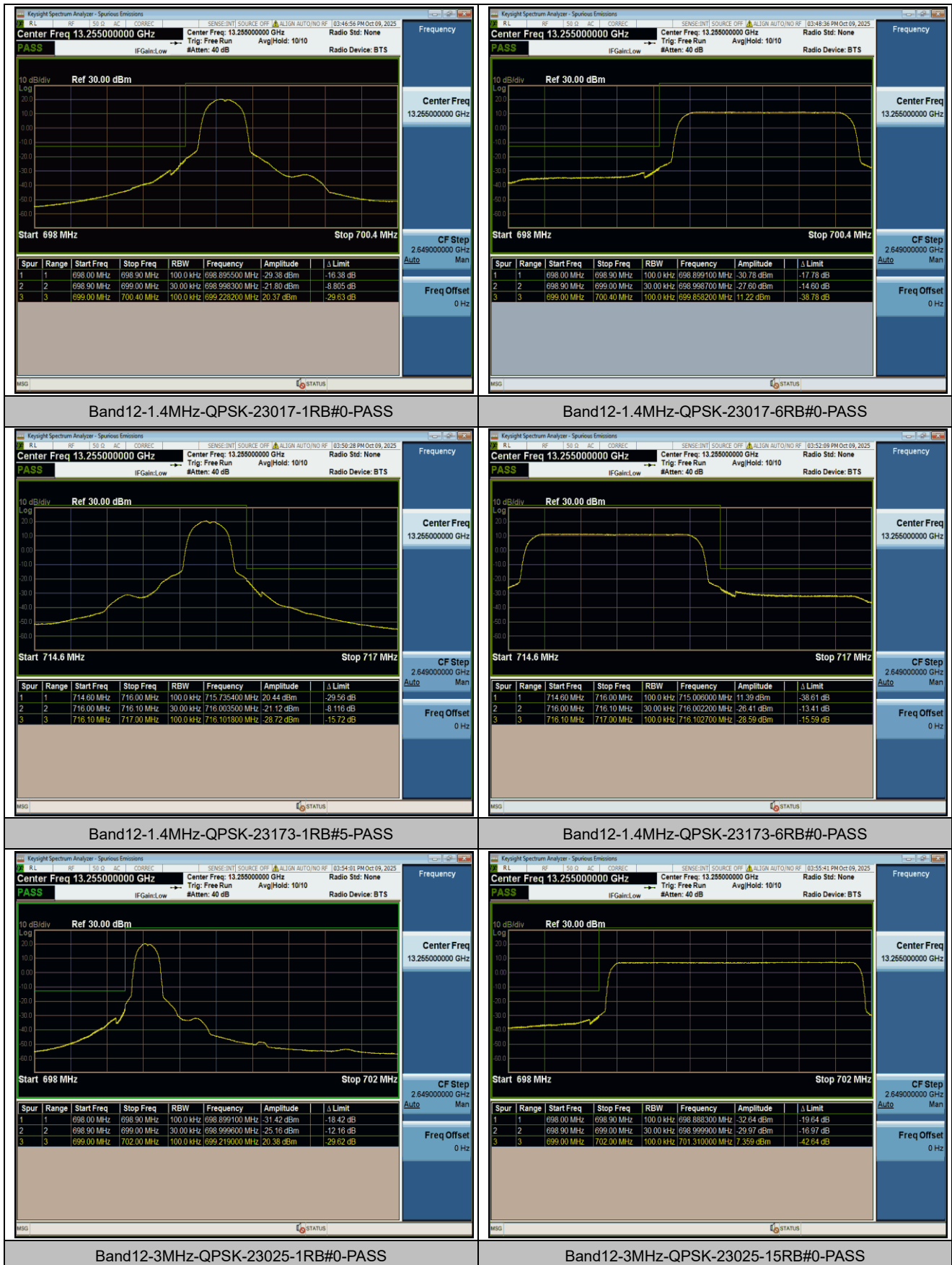
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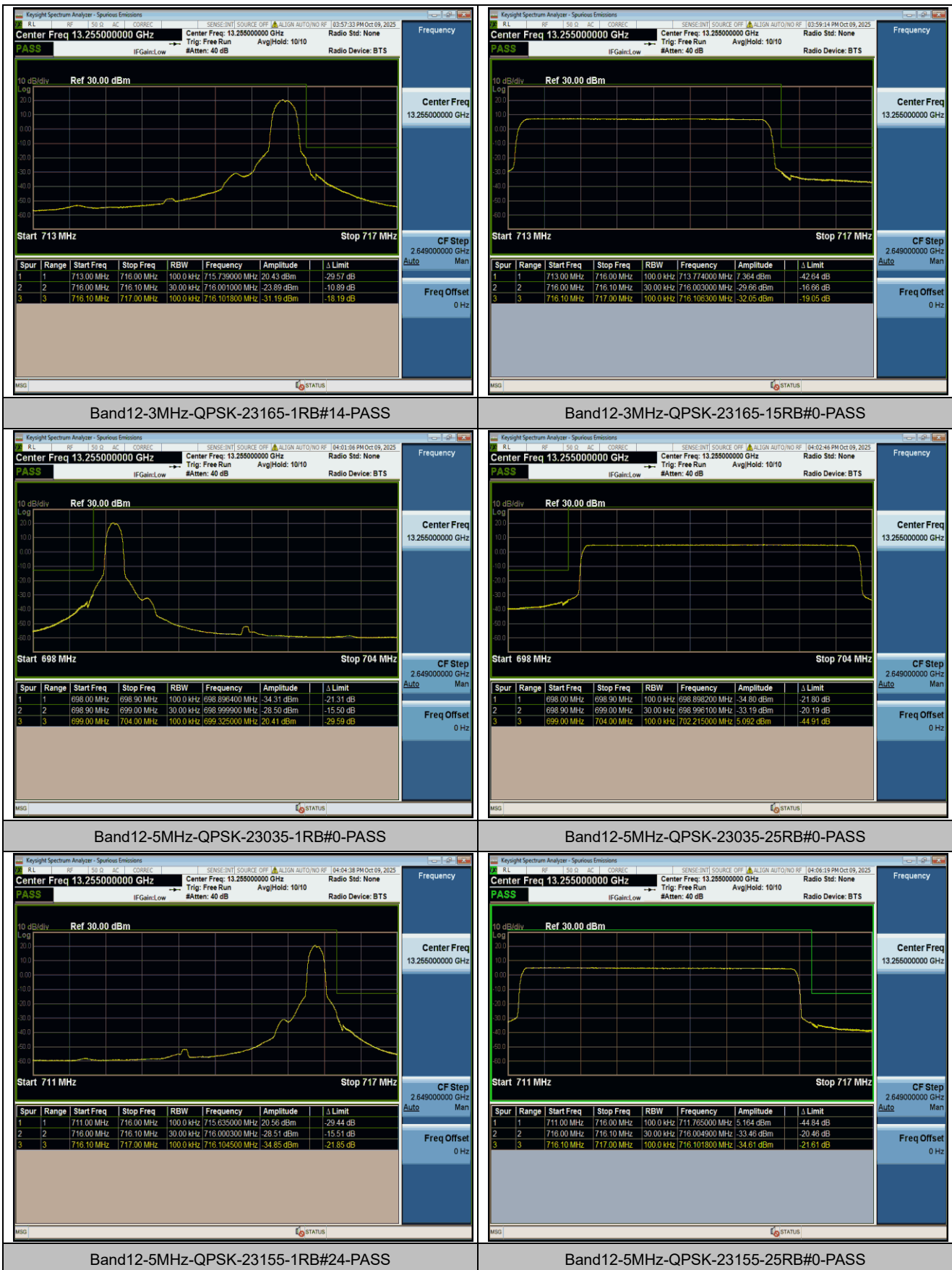


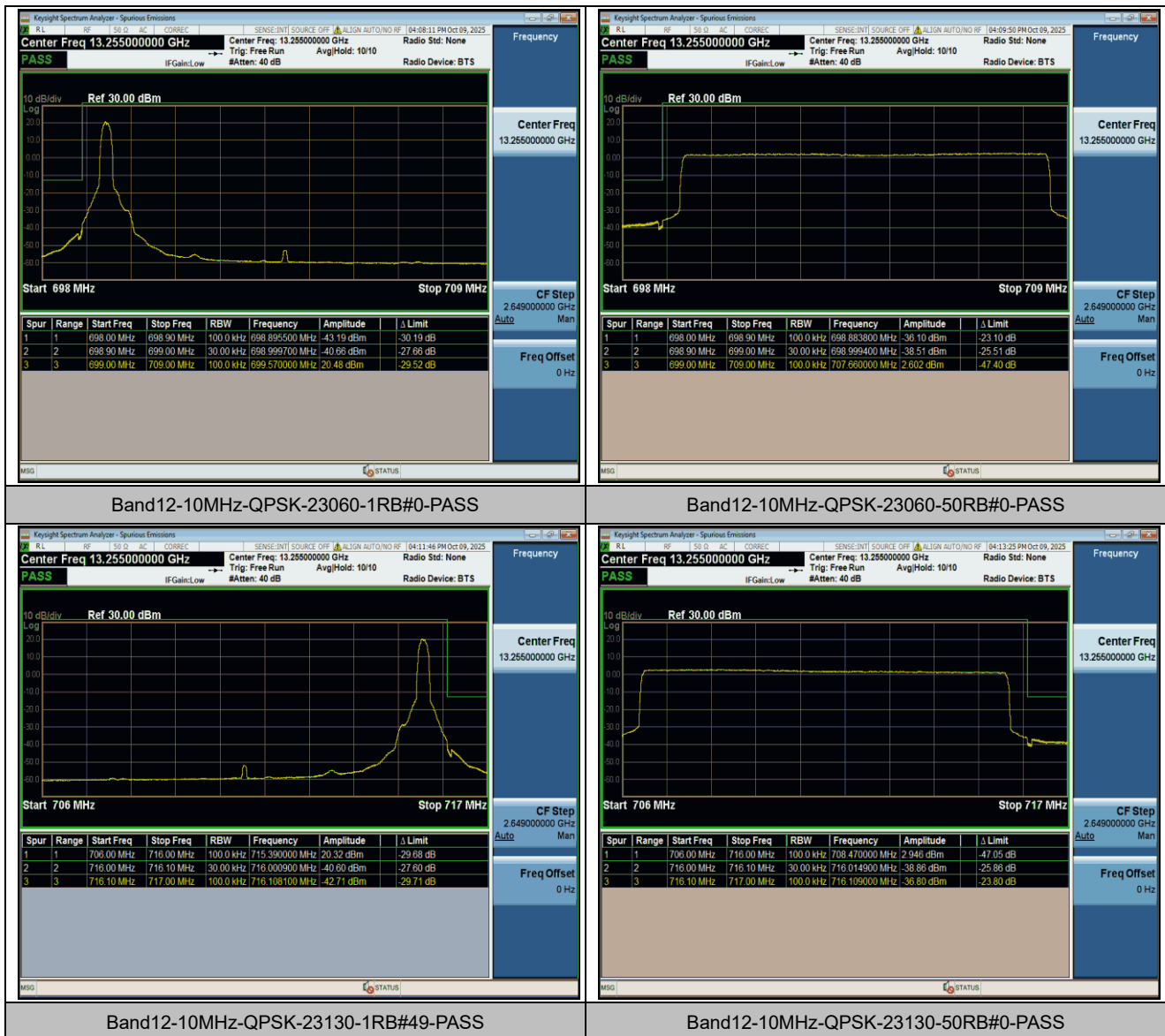
Band12-10MHz-256QAM-23130-50RB#0-PASS

Band Edge

Test Graphs

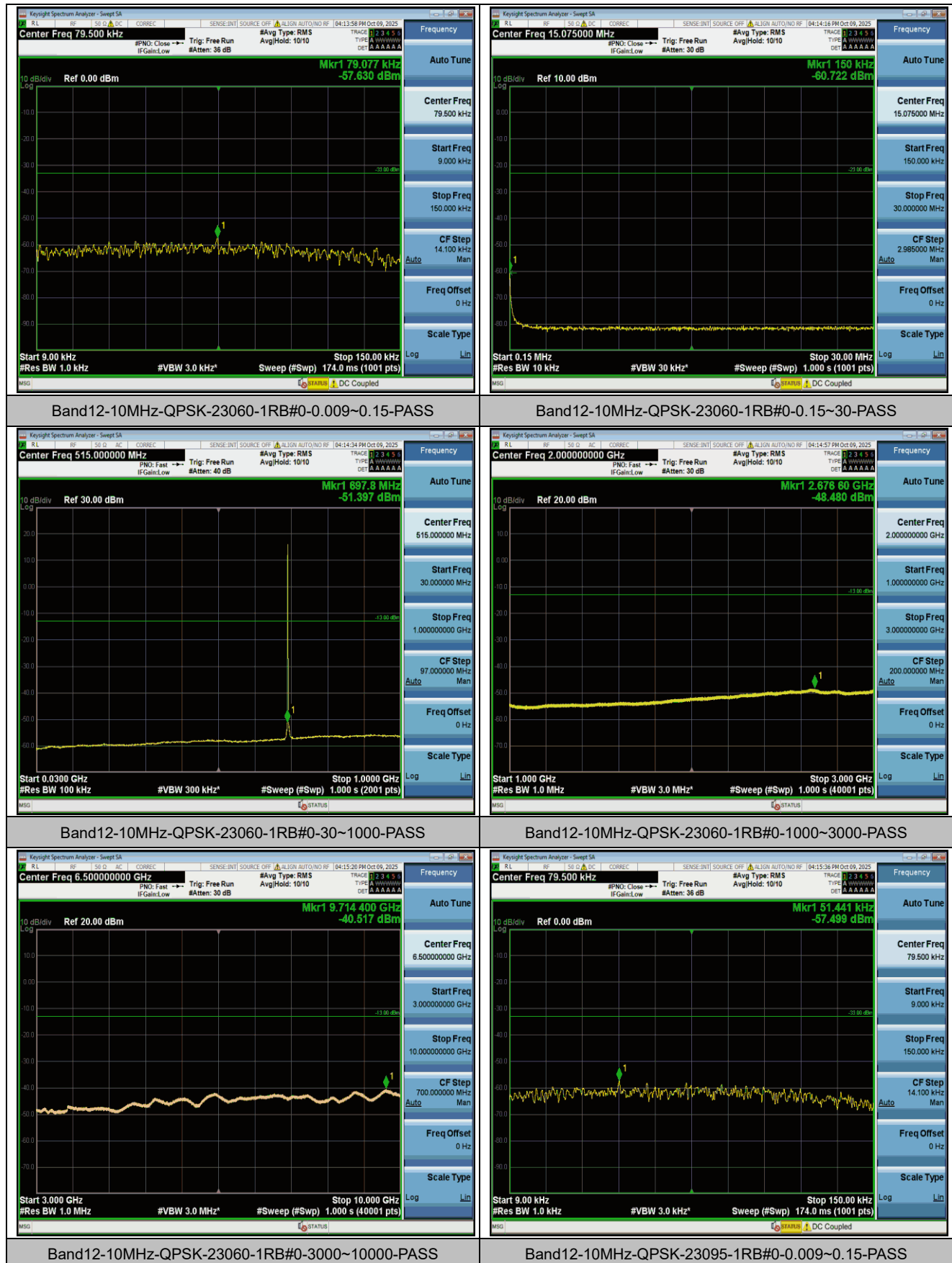


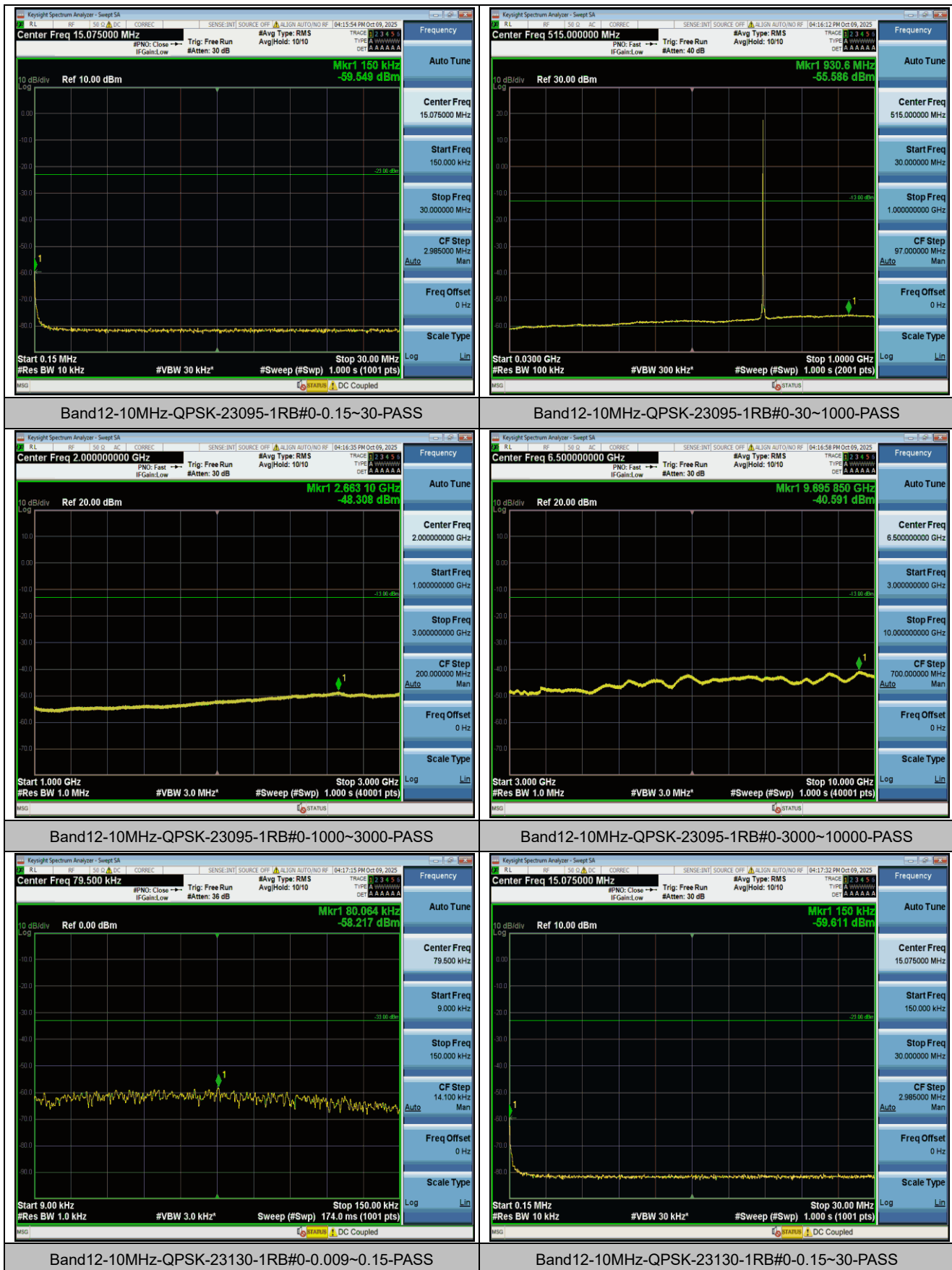




Conducted Spurious Emission

Test Graphs



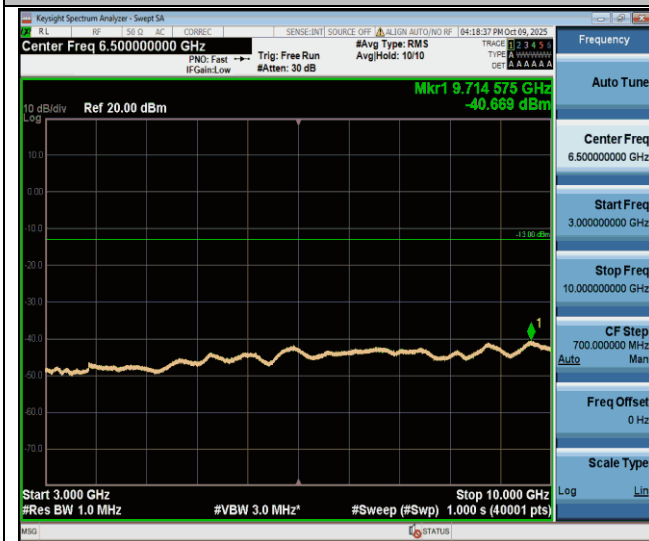




Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS



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	-1.30	-0.001837	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-2.20	-0.003110	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-2.10	-0.002968	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	0.20	0.000283	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-1.20	-0.001696	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-3.50	-0.004947	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-0.70	-0.000989	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-0.60	-0.000848	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-1.90	-0.002686	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-1.80	-0.002544	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-2.90	-0.004099	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-0.70	-0.000989	PASS

~The End~