

# Appendix-D LTE Band 12

## Effective 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	23.75	18.2	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.90	18.35	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.78	18.23	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.78	18.23	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.72	18.17	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.70	18.15	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.74	17.19	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.99	17.44	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.97	17.42	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.08	17.53	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.88	17.33	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.96	17.41	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.97	17.42	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.94	16.39	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.91	16.36	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.45	16.9	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.08	16.53	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.95	16.4	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.80	16.25	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.97	16.42	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.79	15.24	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	18.42	12.87	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	18.42	12.87	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	18.70	13.15	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#0	18.86	13.31	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#1	18.45	12.9	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#3	18.56	13.01	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	18.46	12.91	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.76	18.21	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.83	18.28	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.80	18.25	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.64	18.09	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.68	18.13	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.65	18.1	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.67	17.12	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.16	17.61	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.81	17.26	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.06	17.51	34.77	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	22.76	17.21	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.76	17.21	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.72	17.17	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.75	16.2	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.85	16.3	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.68	16.13	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.40	16.85	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.82	16.27	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.85	16.3	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.82	16.27	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.74	15.19	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.30	12.75	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	18.22	12.67	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	18.78	13.23	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#0	18.52	12.97	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#1	18.52	12.97	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#3	18.64	13.09	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	18.53	12.98	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.57	18.02	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.76	18.21	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.75	18.2	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.62	18.07	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.66	18.11	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.56	18.01	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.60	17.05	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.17	17.62	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.60	18.05	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.28	17.73	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.70	17.15	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.70	17.15	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.73	17.18	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.66	16.11	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.92	16.37	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.79	16.24	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.77	16.22	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	22.18	16.63	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.72	16.17	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.77	16.22	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.72	15.17	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.66	13.11	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	18.49	12.94	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	18.46	12.91	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#0	18.47	12.92	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#1	18.64	13.09	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#3	18.53	12.98	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	18.56	13.01	34.77	PASS

Band12	3MHz	QPSK	23025	1RB#0	23.70	18.15	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.94	18.39	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.83	18.28	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.77	17.22	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.84	17.29	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.79	17.24	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.80	17.25	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.06	17.51	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.28	17.73	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.91	17.36	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.88	16.33	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.91	16.36	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.88	16.33	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.82	16.27	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.85	16.3	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.93	16.38	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.02	16.47	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.86	15.31	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.86	15.31	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.85	15.3	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.80	15.25	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.36	12.81	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	18.59	13.04	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	18.61	13.06	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#0	18.52	12.97	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#4	18.53	12.98	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#7	18.46	12.91	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	18.61	13.06	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.65	18.1	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.93	18.38	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.58	18.03	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.73	17.18	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.78	17.23	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.76	17.21	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.77	17.22	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.96	17.41	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.49	17.94	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.94	17.39	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.78	16.23	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.80	16.25	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.84	16.29	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.72	16.17	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.83	16.28	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.91	16.36	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.88	16.33	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.73	15.18	34.77	PASS

Band12	3MHz	64QAM	23095	8RB#4	20.75	15.2	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.80	15.25	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.77	15.22	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	18.58	13.03	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.76	13.21	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.78	13.23	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#0	18.49	12.94	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#4	18.57	13.02	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#7	18.54	12.99	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	18.50	12.95	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.72	18.17	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.88	18.33	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.60	18.05	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.64	17.09	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.71	17.16	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.69	17.14	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.65	17.1	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.32	17.77	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.20	17.65	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.92	17.37	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.73	16.18	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.74	16.19	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.82	16.27	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.71	16.16	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.69	16.14	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.90	16.35	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.90	16.35	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.73	15.18	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.73	15.18	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.74	15.19	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.65	15.1	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.58	13.03	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	18.64	13.09	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	18.44	12.89	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#0	18.46	12.91	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#4	18.34	12.79	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#7	18.45	12.9	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	18.44	12.89	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.86	18.31	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.76	18.21	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.80	18.25	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.78	17.23	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.91	17.36	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.88	17.33	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.85	17.3	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.16	17.61	34.77	PASS

Band12	5MHz	16QAM	23035	1RB#12	23.31	17.76	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.94	17.39	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.82	16.27	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.85	16.3	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.85	16.3	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.93	16.38	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.89	16.34	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.01	16.46	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.81	16.26	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.76	15.21	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.89	15.34	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.75	15.2	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.82	15.27	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	18.69	13.14	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.57	13.02	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.37	12.82	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#0	18.52	12.97	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#6	18.61	13.06	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#13	18.60	13.05	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	18.47	12.92	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.71	18.16	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.83	18.28	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.83	18.28	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.78	17.23	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.85	17.3	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.85	17.3	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.79	17.24	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.24	17.69	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.24	17.69	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.00	17.45	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.85	16.3	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.81	16.26	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.86	16.31	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.74	16.19	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.08	16.53	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.93	16.38	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.88	16.33	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.81	15.26	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.71	15.16	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.85	15.3	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.76	15.21	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	18.38	12.83	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	18.72	13.17	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	18.06	12.51	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#0	18.52	12.97	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#6	18.58	13.03	34.77	PASS

Band12	5MHz	256QAM	23095	12RB#13	18.53	12.98	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	18.49	12.94	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.70	18.15	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.75	18.2	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.72	18.17	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.77	17.22	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.75	17.2	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.75	17.2	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.78	17.23	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.28	17.73	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.12	17.57	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.89	17.34	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.81	16.26	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.65	16.1	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.80	16.25	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.87	16.32	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.95	16.4	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.99	16.44	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.84	16.29	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.70	15.15	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.75	15.2	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.81	15.26	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.74	15.19	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.59	13.04	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	18.94	13.39	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	18.48	12.93	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#0	18.53	12.98	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#6	18.52	12.97	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#13	18.54	12.99	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	18.59	13.04	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.76	18.21	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.67	18.12	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.53	17.98	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.76	17.21	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.86	17.31	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.76	17.21	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.86	17.31	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.27	17.72	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.99	17.44	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.82	17.27	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.86	16.31	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.88	16.33	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.82	16.27	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.83	16.28	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.97	16.42	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.82	16.27	34.77	PASS

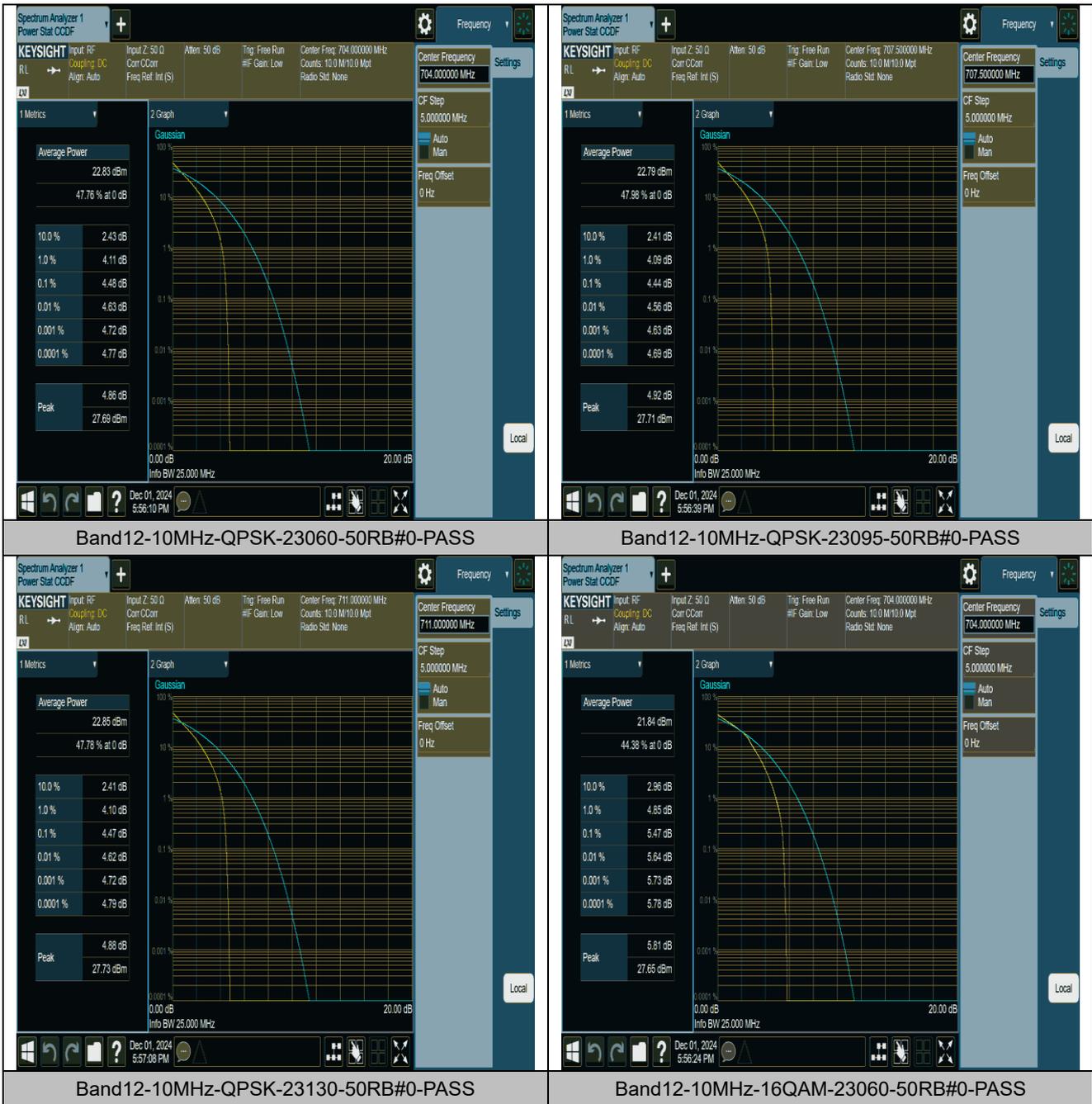
Band12	10MHz	64QAM	23060	1RB#49	21.78	16.23	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.79	15.24	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.86	15.31	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.80	15.25	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.80	15.25	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	18.23	12.68	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	18.60	13.05	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.22	12.67	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#0	18.49	12.94	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#12	18.55	13	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#25	18.56	13.01	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	18.61	13.06	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.88	18.33	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.74	18.19	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.59	18.04	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.79	17.24	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.81	17.26	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.81	17.26	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.82	17.27	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.22	17.67	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.20	17.65	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.91	17.36	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.76	16.21	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.78	16.23	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.83	16.28	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.77	16.22	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.05	16.5	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.88	16.33	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.87	16.32	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.78	15.23	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.71	15.16	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.73	15.18	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.76	15.21	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	18.64	13.09	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	18.78	13.23	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	18.50	12.95	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#0	18.60	13.05	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#12	18.59	13.04	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#25	18.54	12.99	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	18.45	12.9	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.74	18.19	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.70	18.15	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.57	18.02	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.80	17.25	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.82	17.27	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.76	17.21	34.77	PASS

Band12	10MHz	QPSK	23130	50RB#0	22.88	17.33	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.82	17.27	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.00	17.45	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.99	17.44	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.80	16.25	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.85	16.3	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.82	16.27	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.82	16.27	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.86	16.31	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.91	16.36	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.92	16.37	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.78	15.23	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.82	15.27	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.72	15.17	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.85	15.3	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.74	13.19	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.68	13.13	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	18.59	13.04	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#0	18.61	13.06	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#12	18.47	12.92	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#25	18.50	12.95	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.43	12.88	34.77	PASS

**Peak-to-Average Ratio(CCDF)****Test Result**

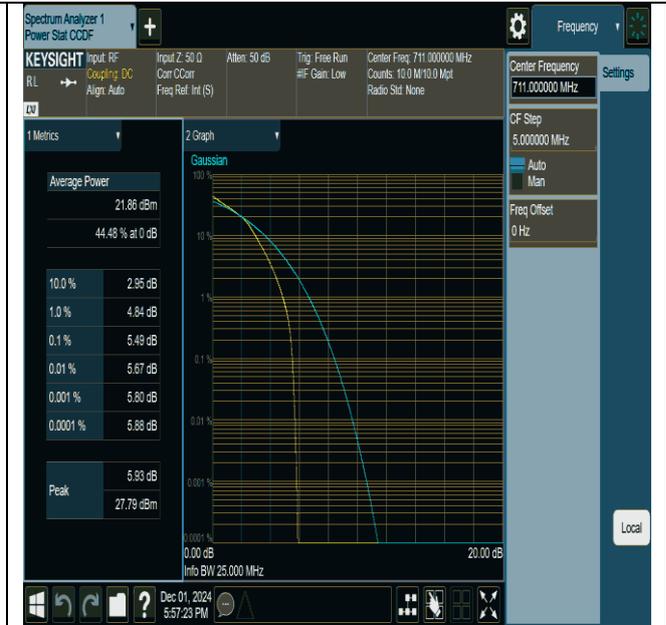
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	4.48	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.44	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.47	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.45	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.49	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.23	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.20	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.21	13	PASS
Band12	10MHz	256QAM	23060	50RB#0	6.74	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.67	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.70	13	PASS

## Test Graphs





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



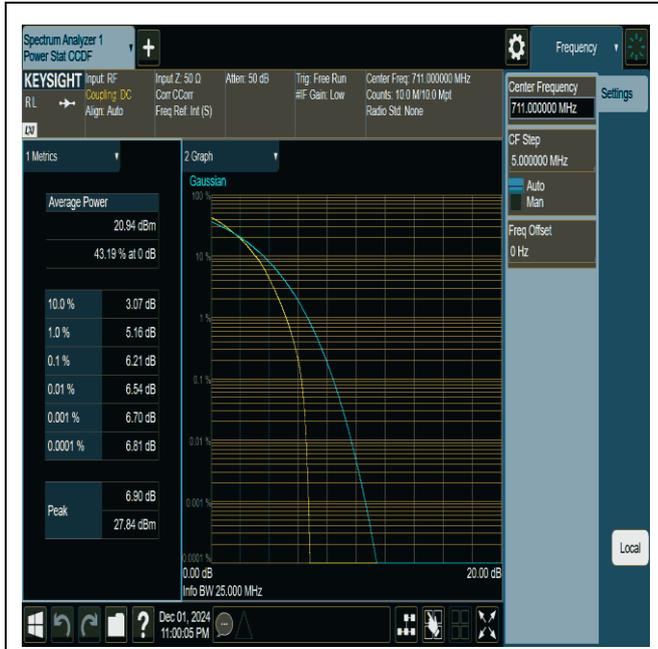
Band12-10MHz-16QAM-23130-50RB#0-PASS



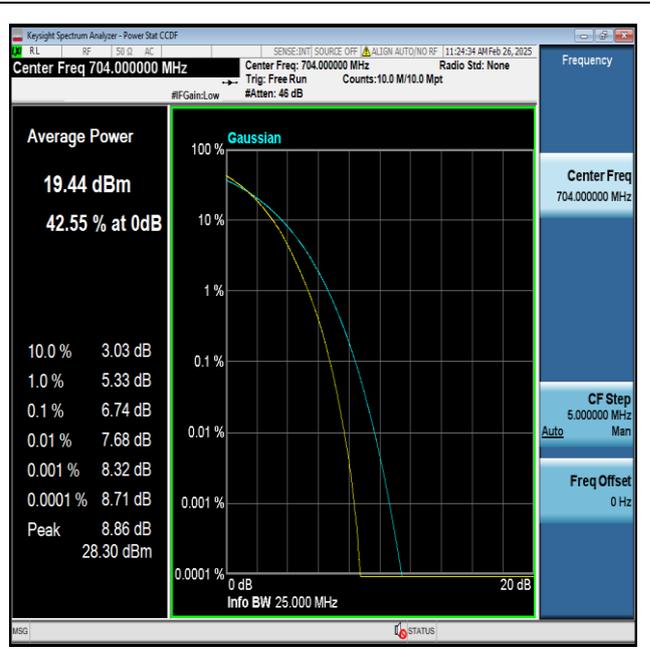
Band12-10MHz-64QAM-23060-50RB#0-PASS



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



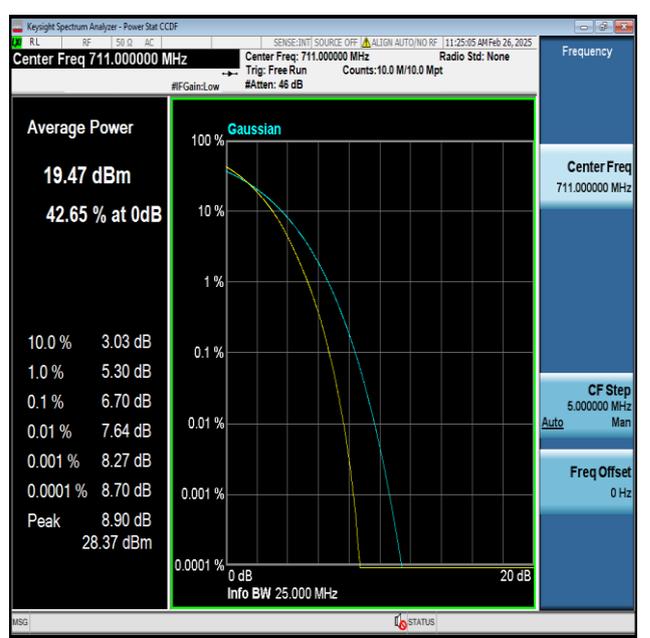
Band12-10MHz-64QAM-23130-50RB#0-PASS



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



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



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

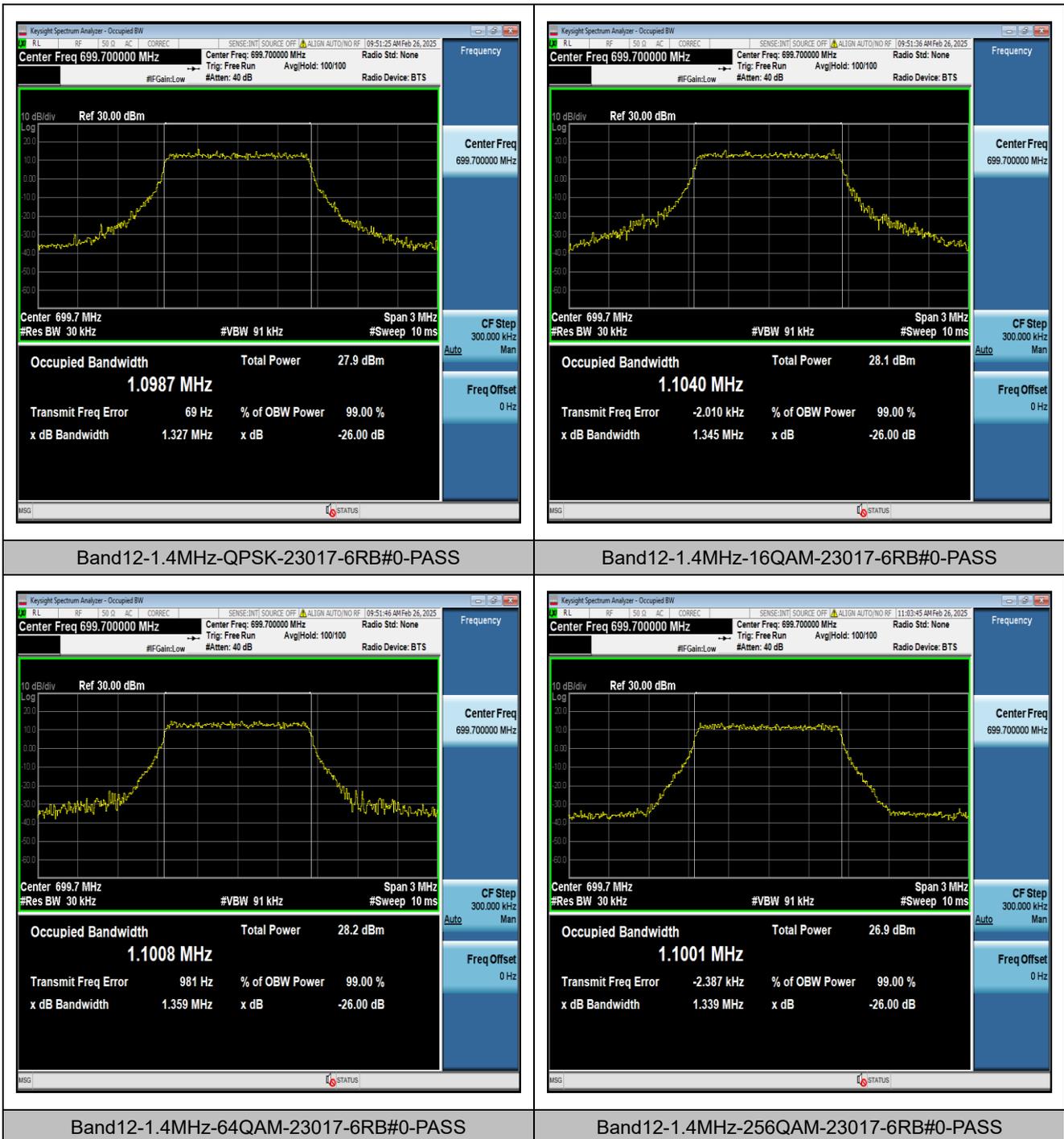
## 26dB Bandwidth and Occupied Bandwidth

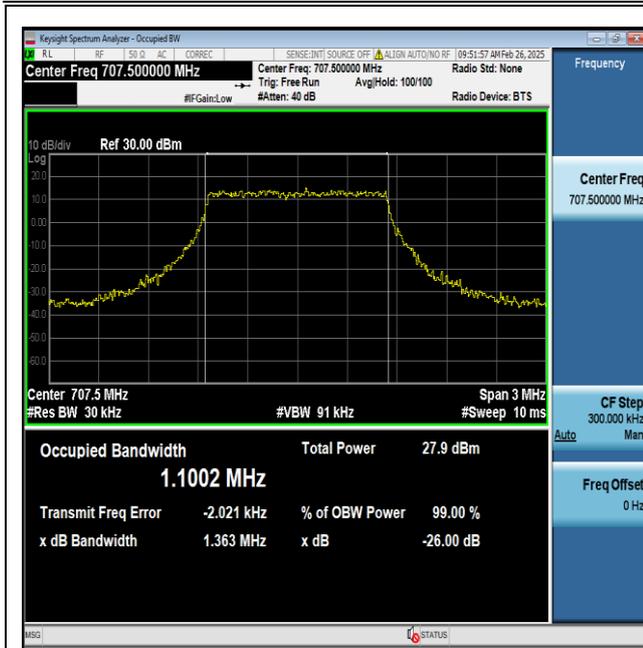
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0987	1.327	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1040	1.345	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.1008	1.359	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.1001	1.339	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1002	1.363	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1063	1.325	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.1067	1.333	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.0971	1.342	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0974	1.349	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1049	1.352	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0980	1.354	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.0967	1.355	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6987	3.026	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6933	3.031	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.7015	3.063	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.6969	3.039	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6991	3.003	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7012	2.998	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6991	3.033	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.6982	3.016	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7033	3.076	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7053	3.064	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.7064	3.016	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.6950	3.001	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5113	5.192	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4997	5.124	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4960	5.122	PASS
Band12	5MHz	256QAM	23035	25RB#0	4.4961	5.147	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4986	5.091	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4934	5.086	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4956	5.118	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.4964	5.099	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4989	5.035	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5105	5.102	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5021	5.154	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.4996	5.127	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9912	10.15	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9946	9.994	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9981	10.06	PASS

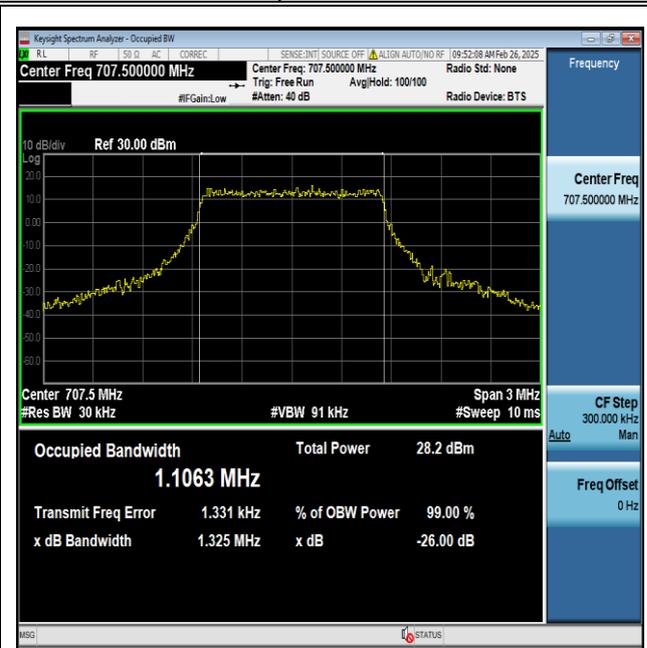
Band12	10MHz	256QAM	23060	50RB#0	8.9918	9.920	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9971	10.05	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9824	9.958	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9892	9.966	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9852	10.01	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9688	10.01	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9804	10.05	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9911	10.08	PASS
Band12	10MHz	256QAM	23130	50RB#0	8.9879	9.943	PASS

## Test Graphs

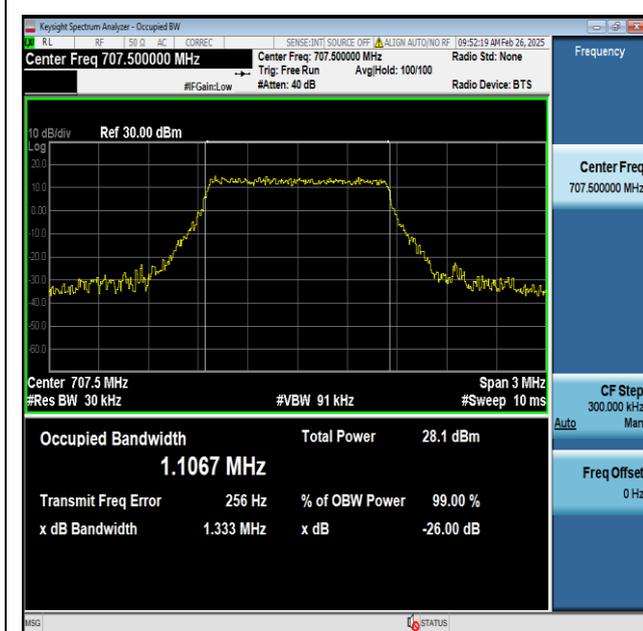




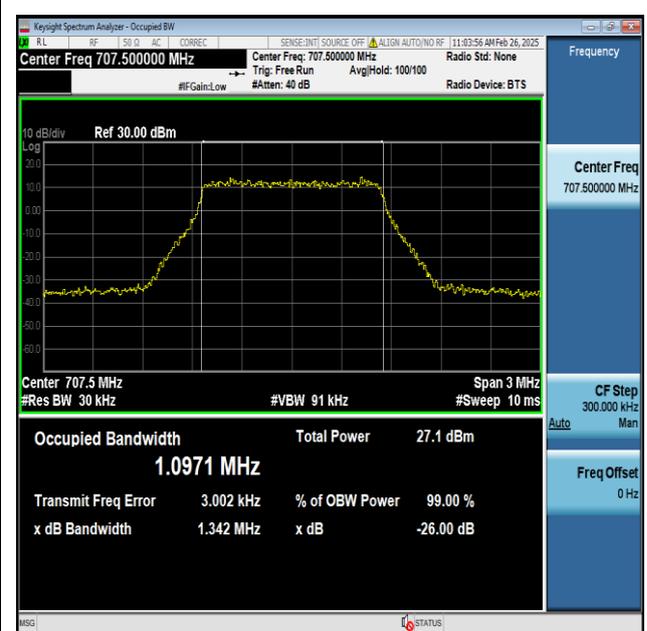
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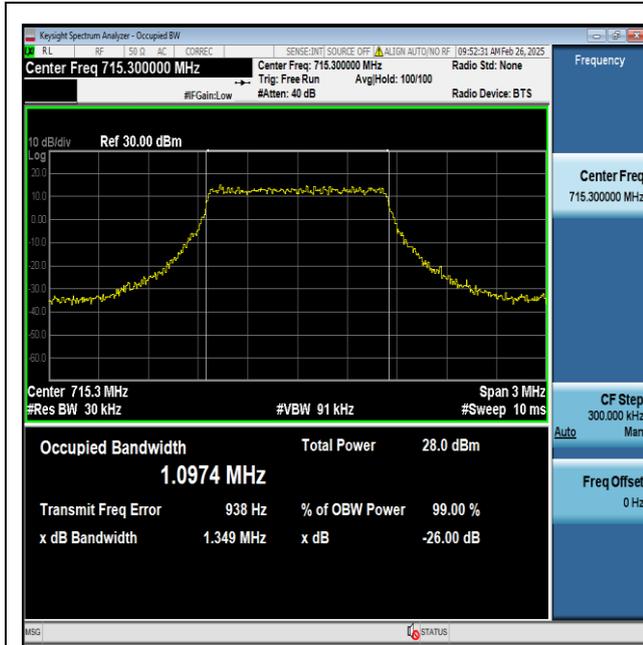
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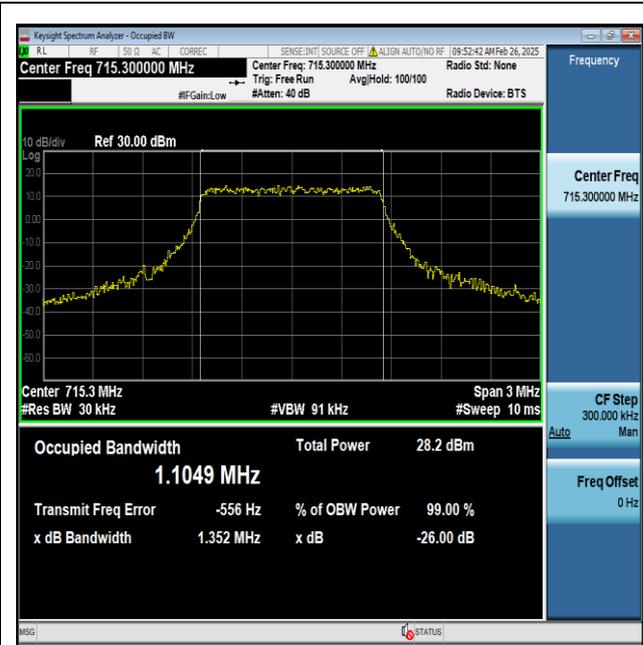
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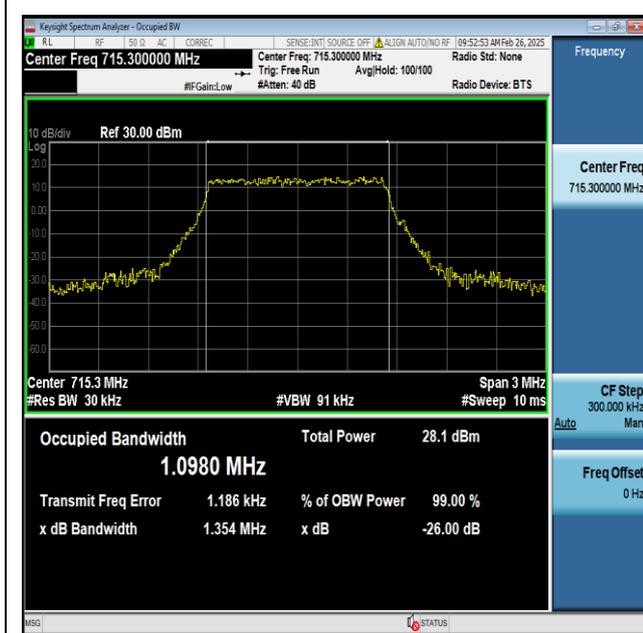
Band12-1.4MHz-256QAM-23095-6RB#0-PASS



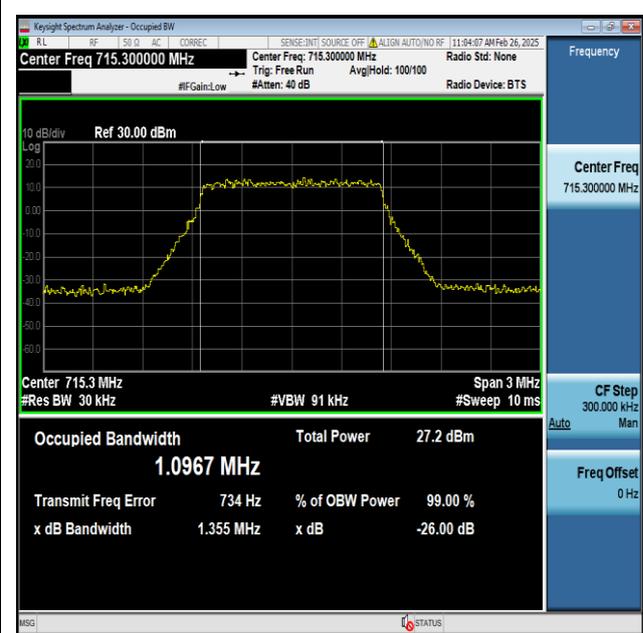
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



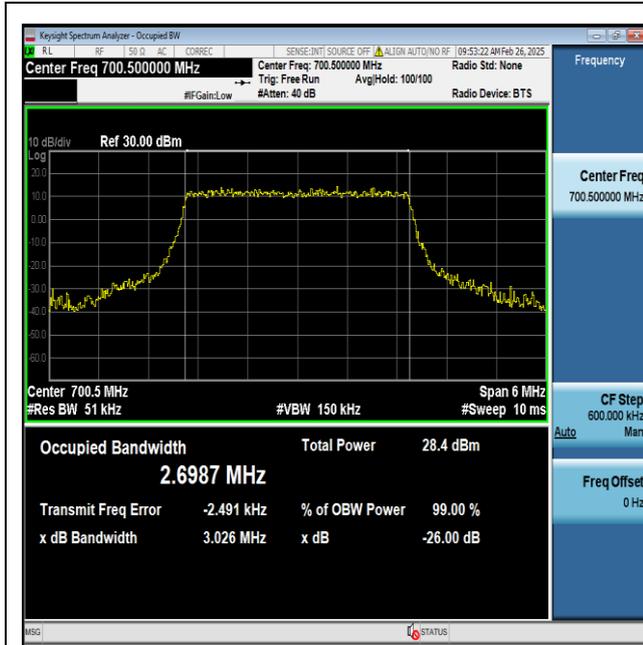
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



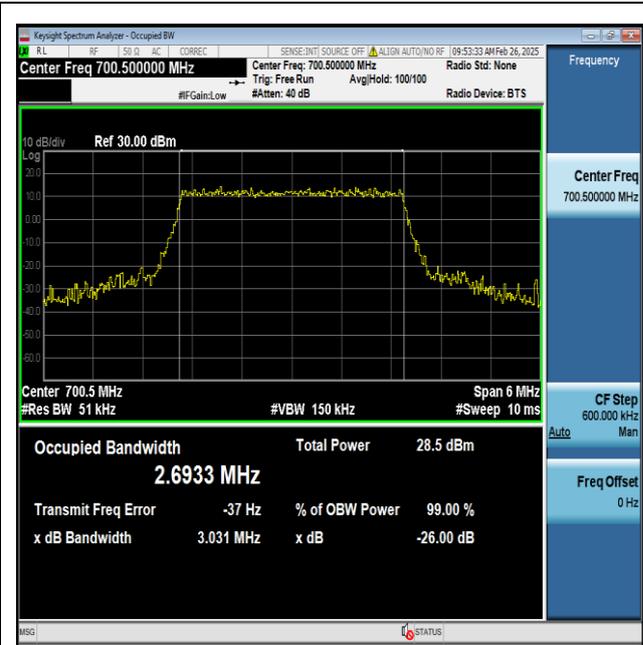
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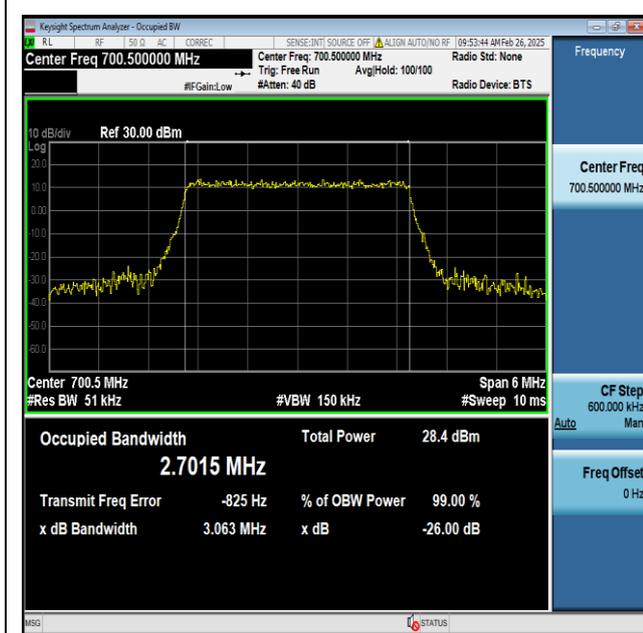
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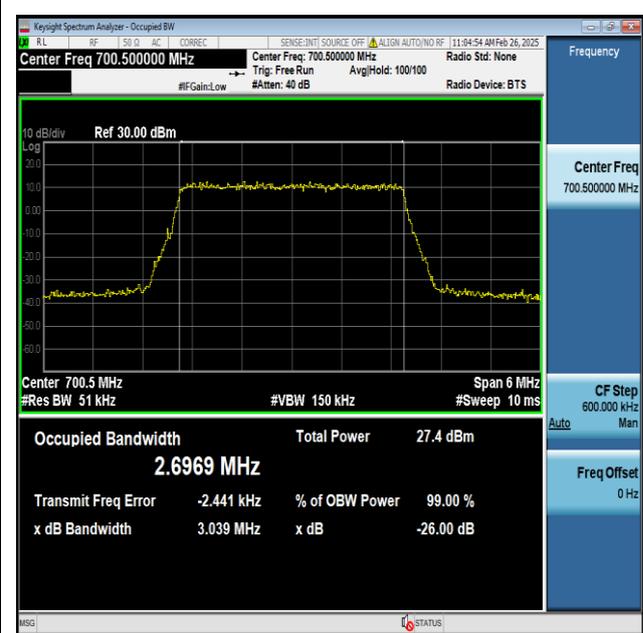
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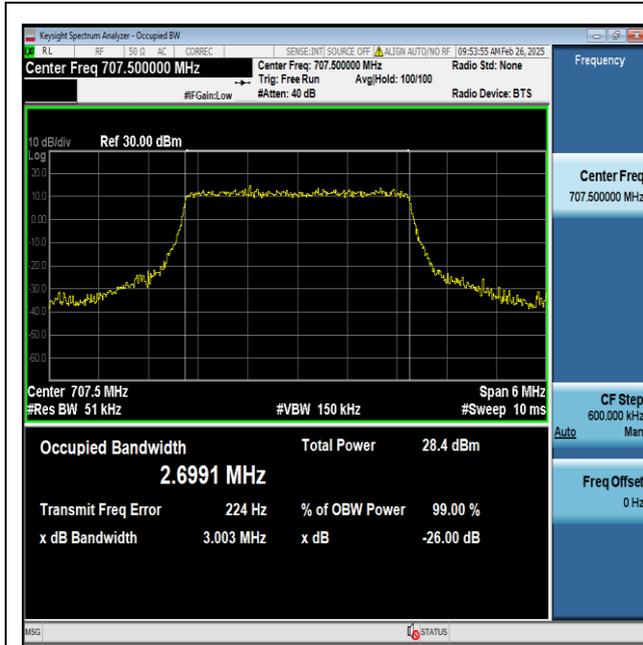
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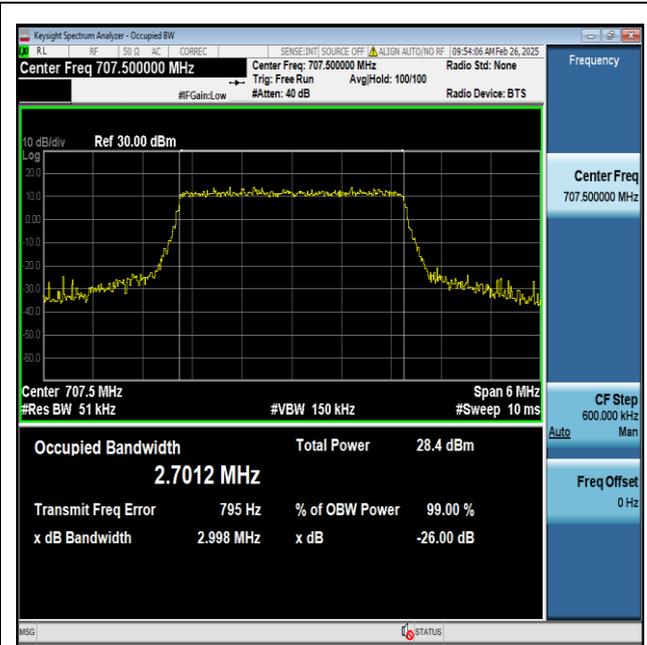
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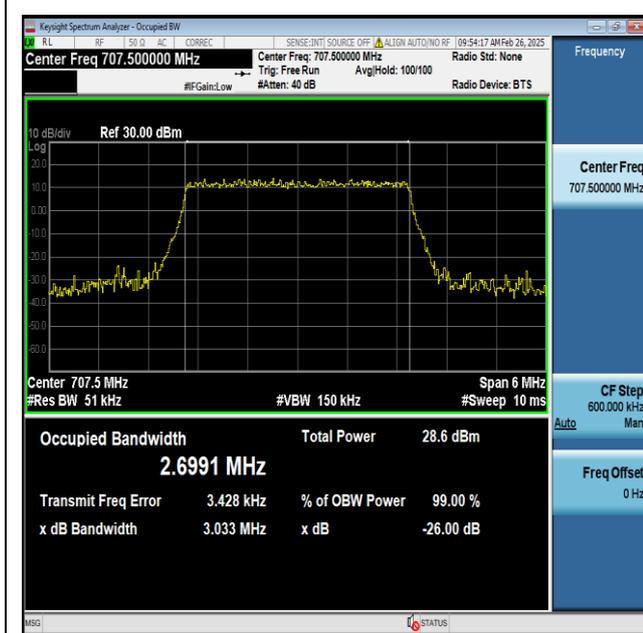
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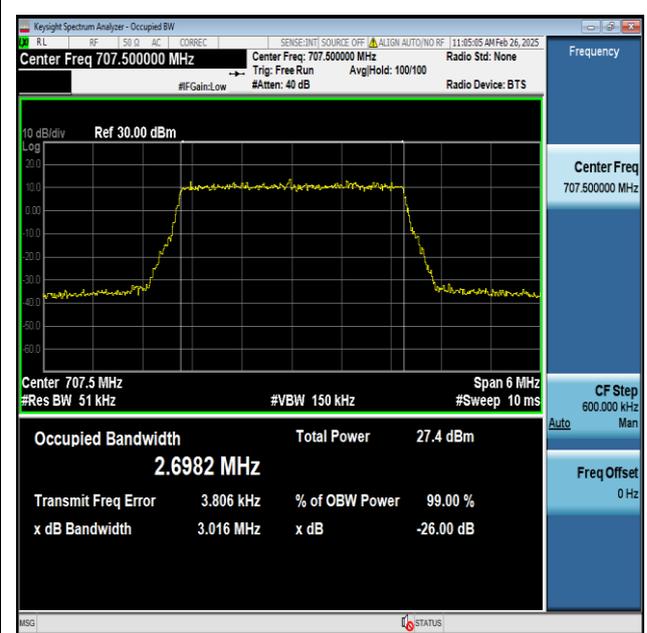
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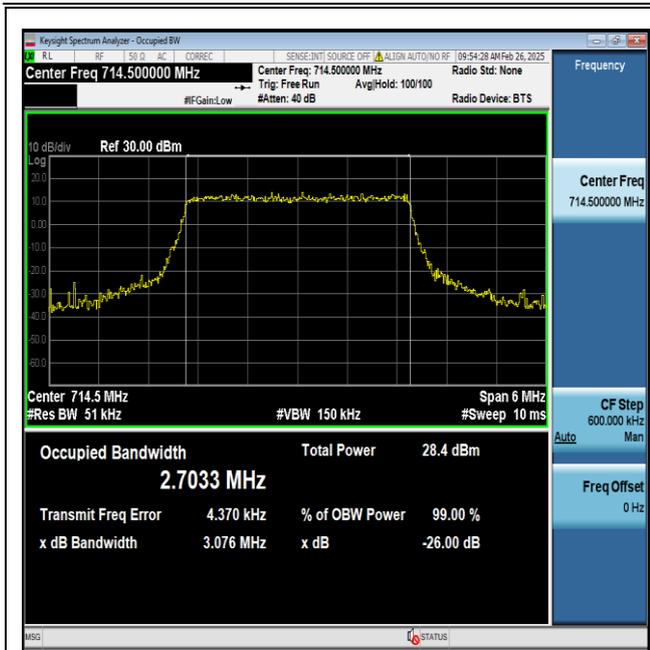
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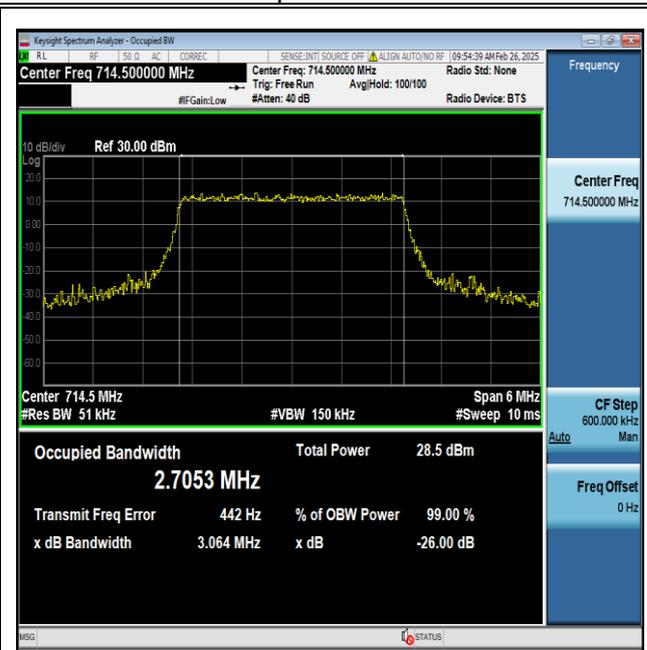
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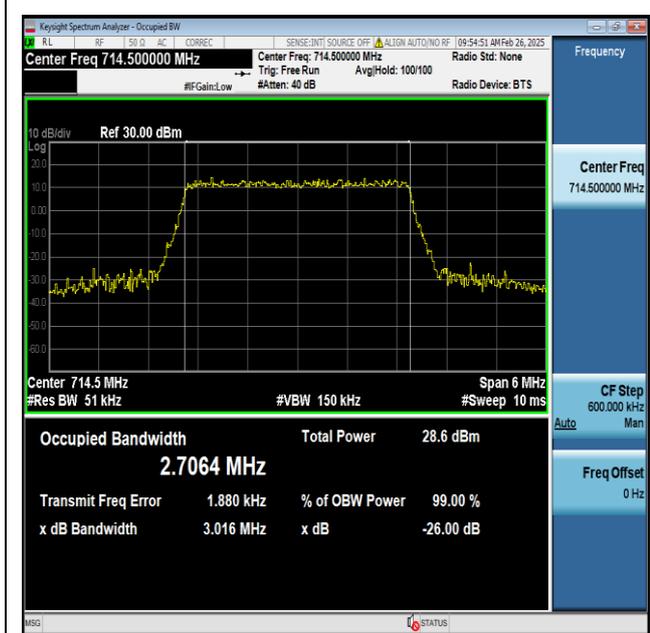
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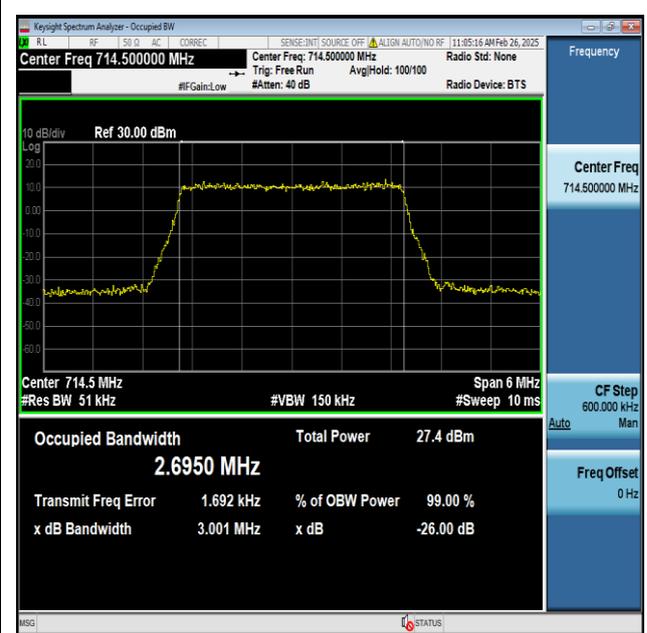
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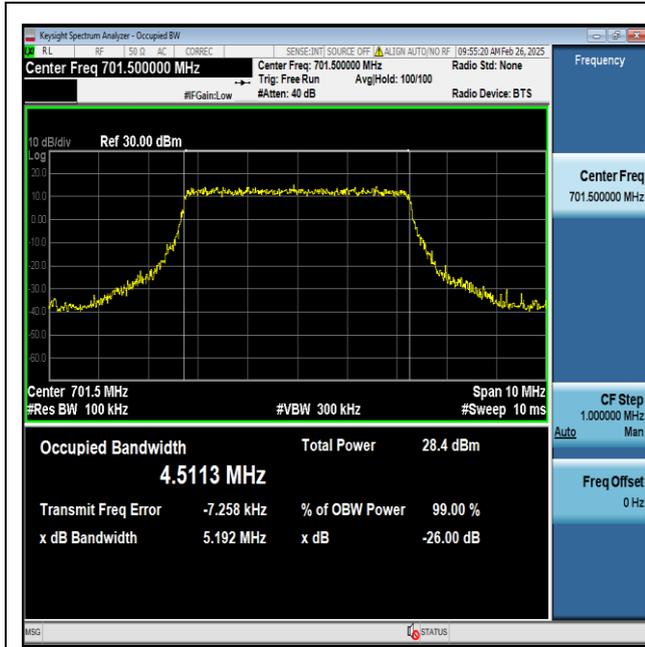
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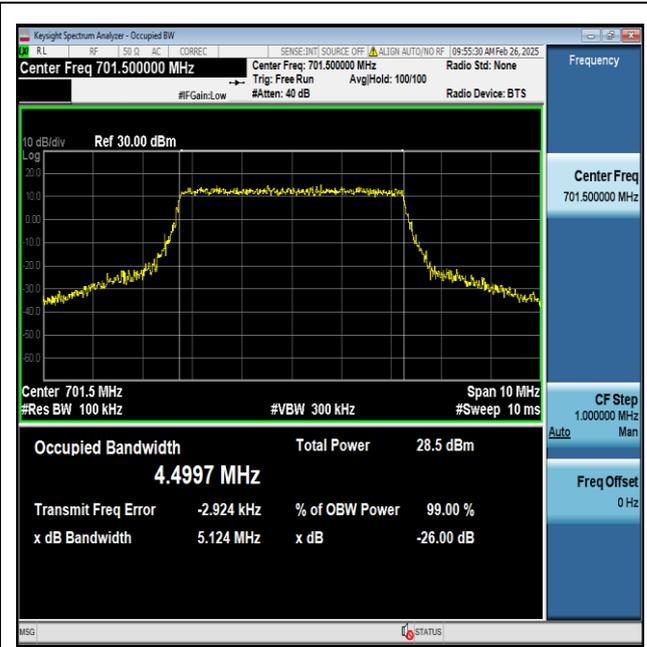
Band12-3MHz-64QAM-23165-15RB#0-PASS



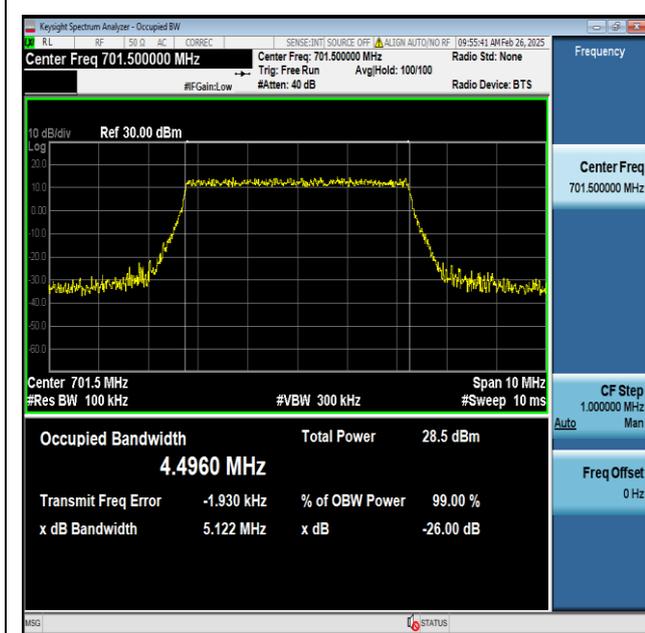
Band12-3MHz-256QAM-23165-15RB#0-PASS



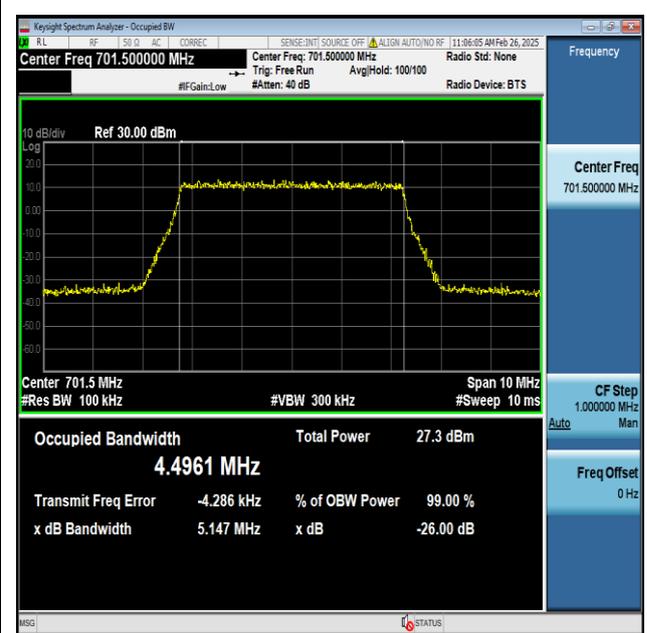
Band12-5MHz-QPSK-23035-25RB#0-PASS



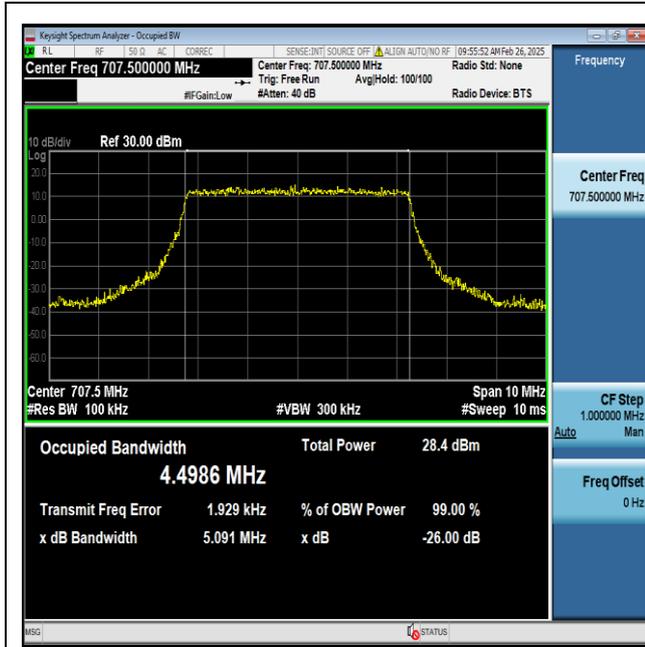
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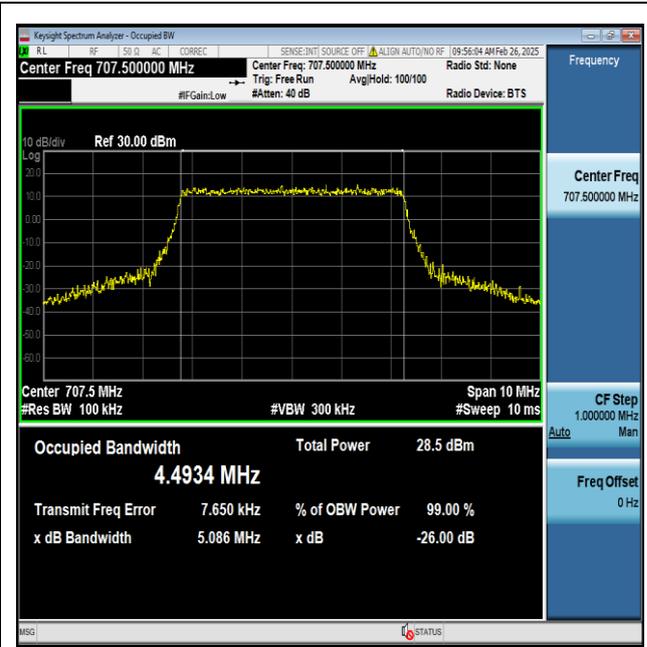
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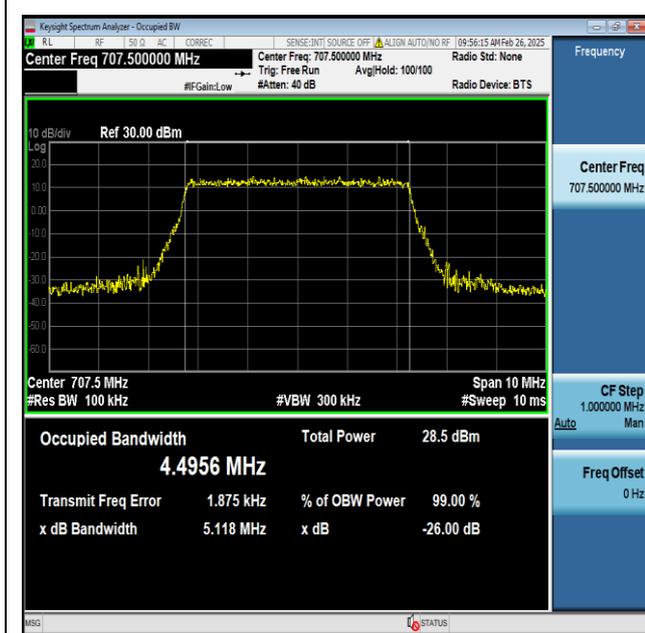
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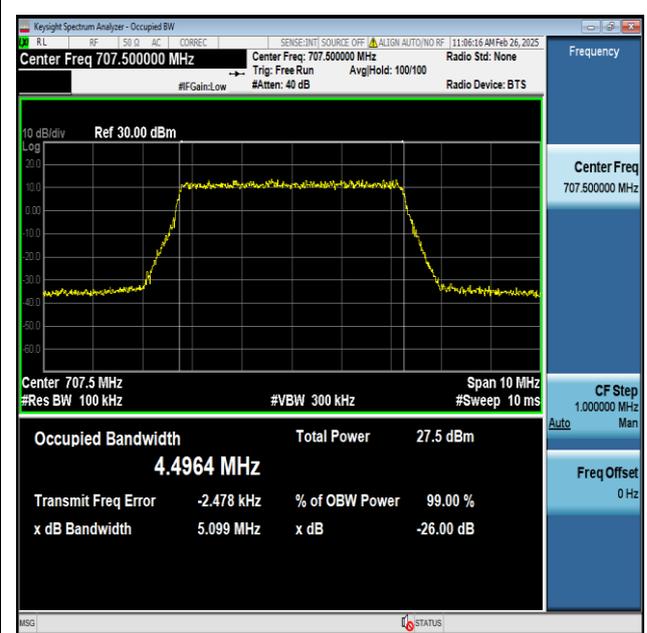
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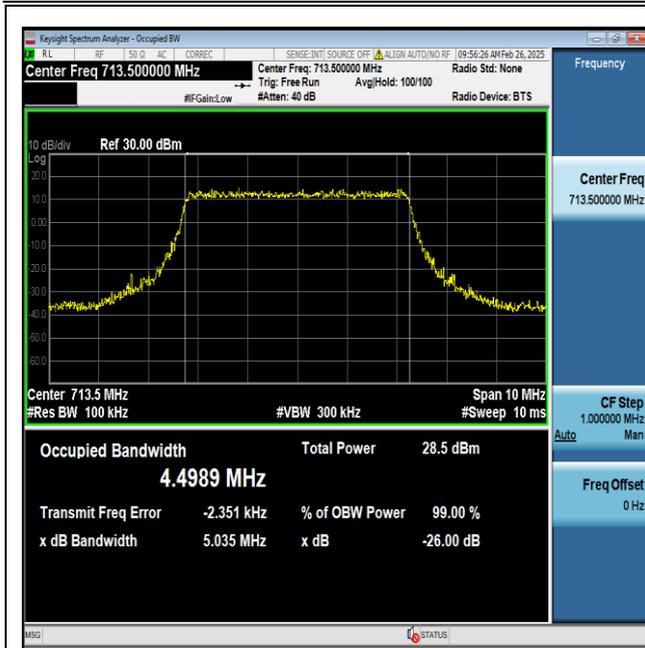
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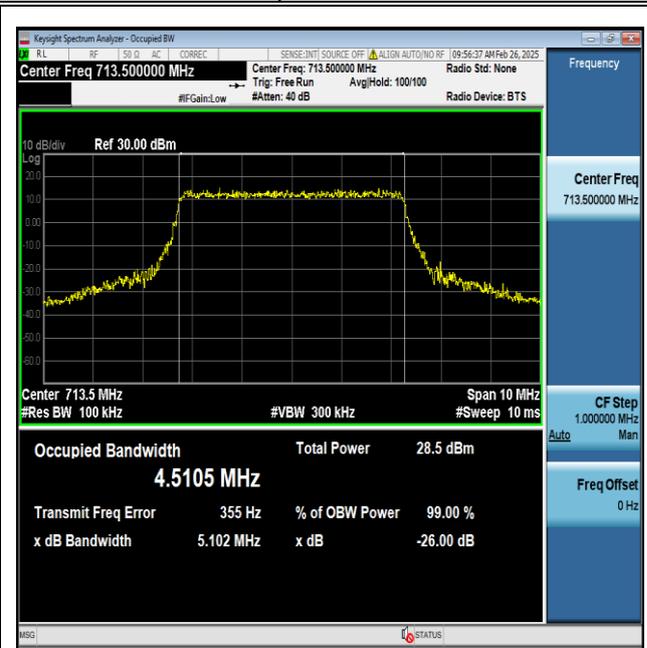
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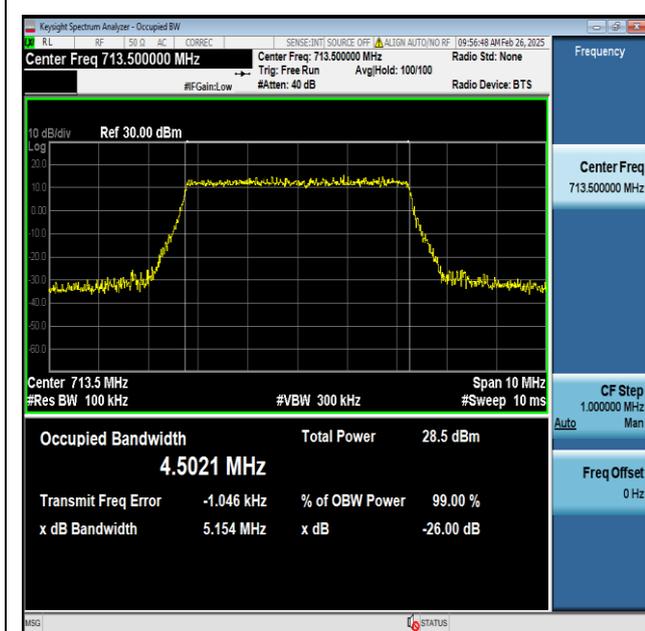
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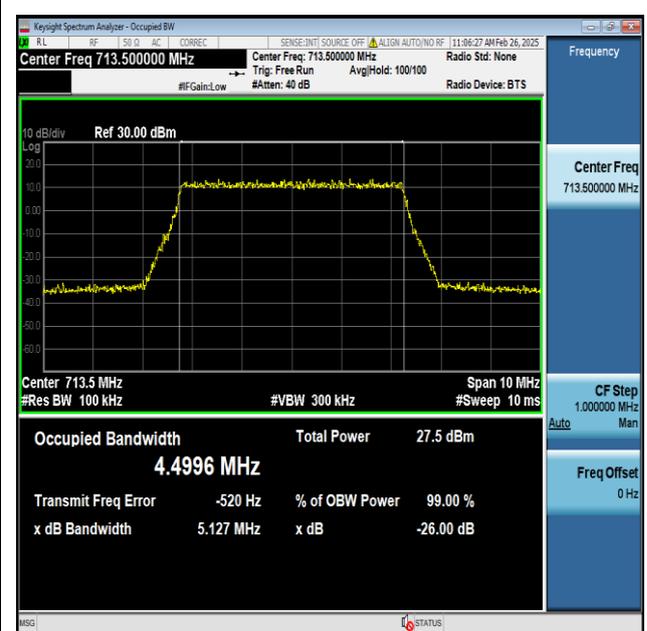
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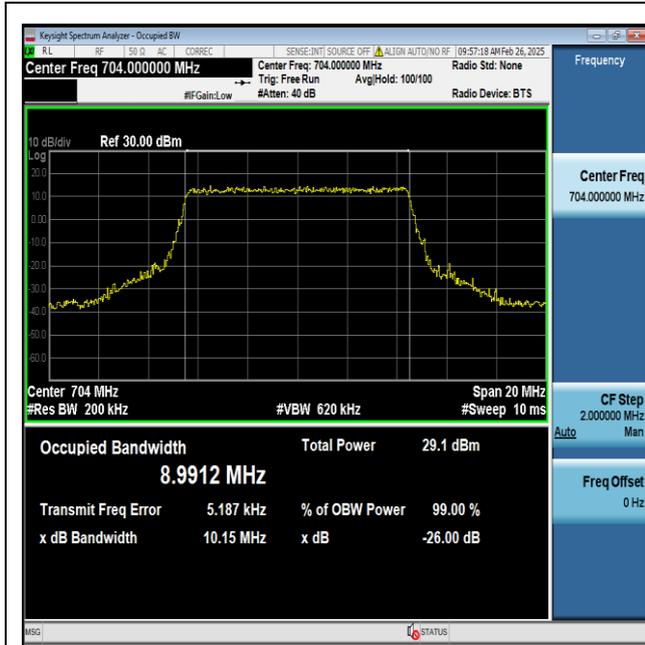
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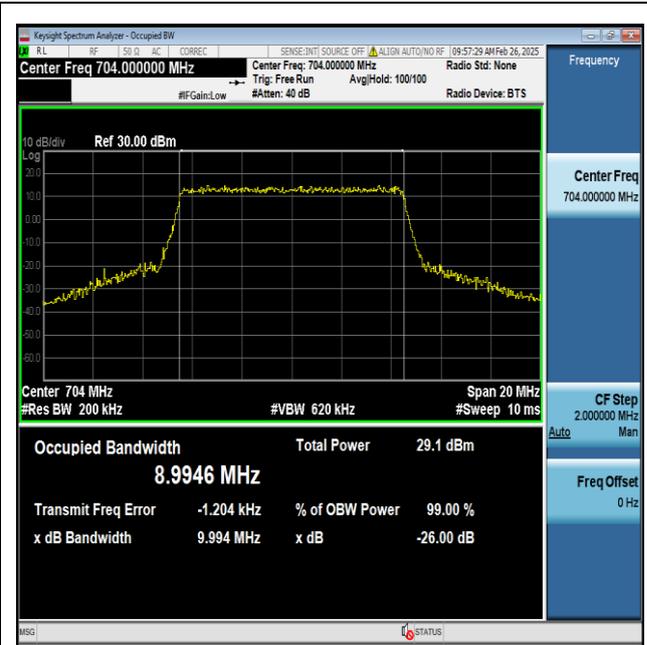
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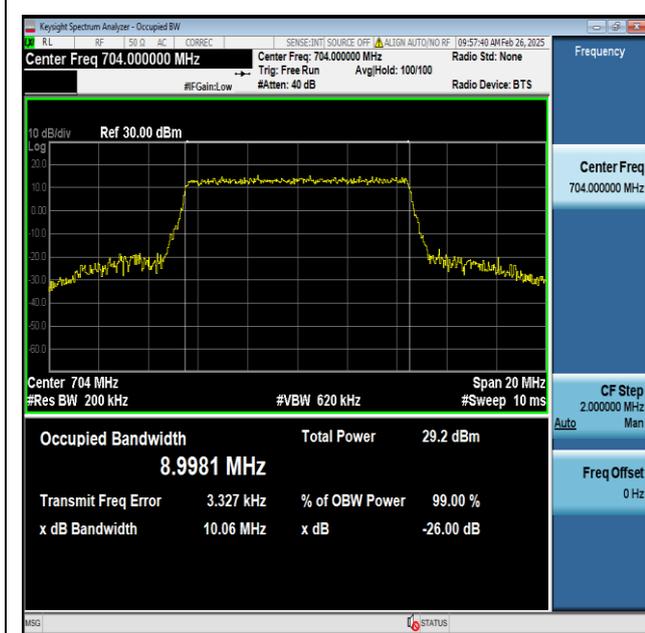
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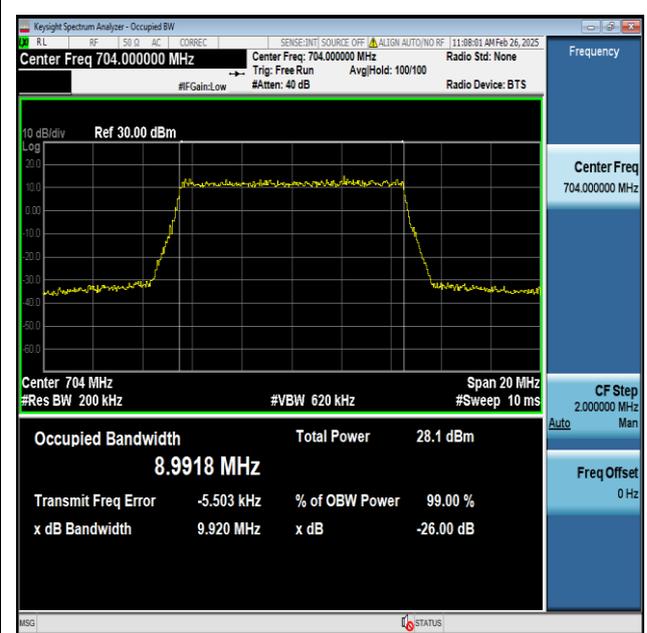
Band12-10MHz-QPSK-23060-50RB#0-PASS



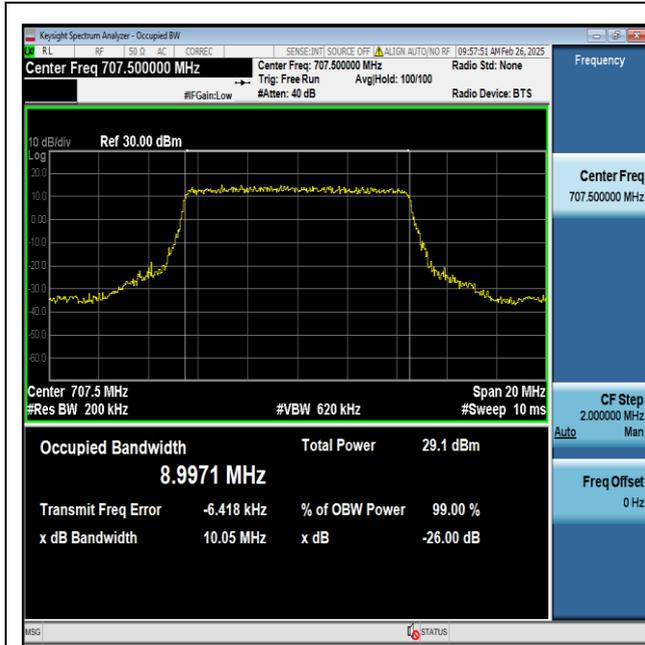
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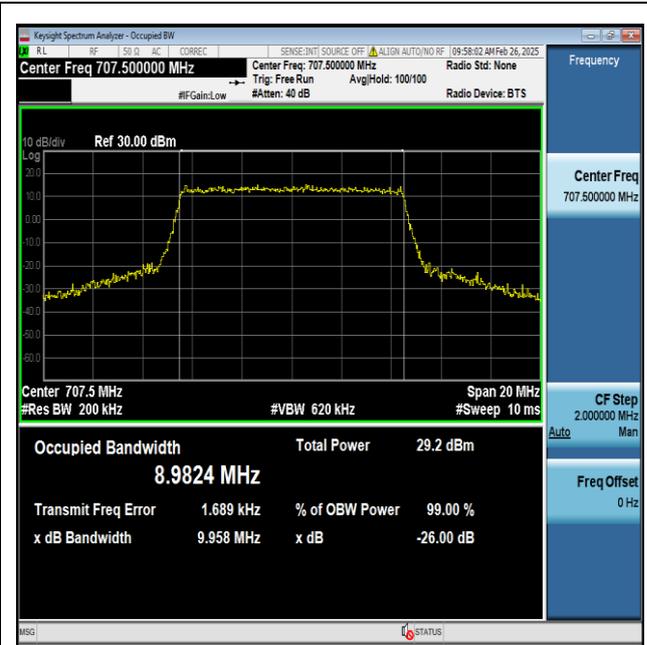
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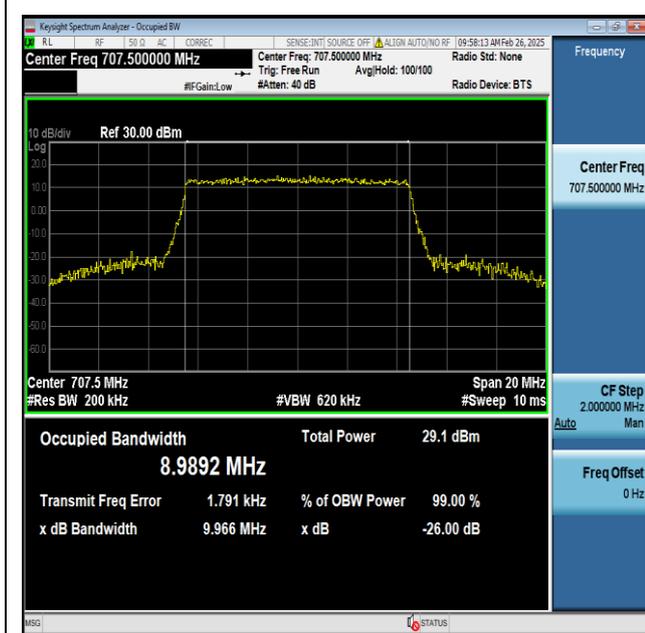
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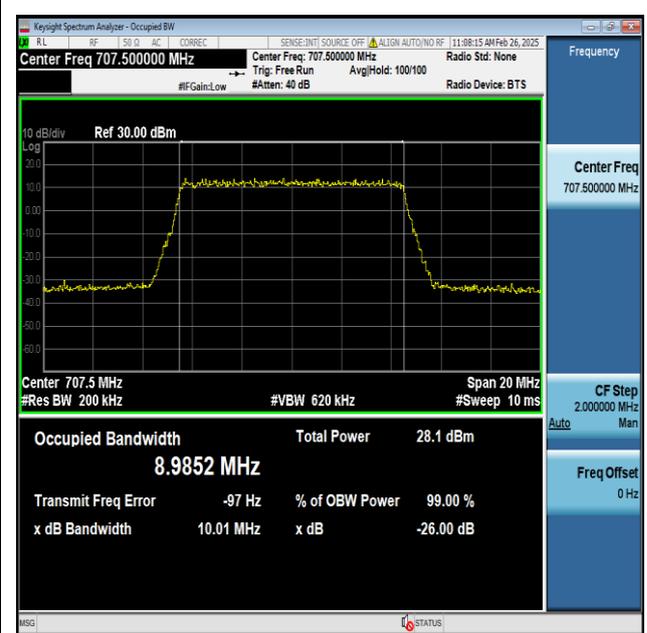
Band12-10MHz-QPSK-23095-50RB#0-PASS



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



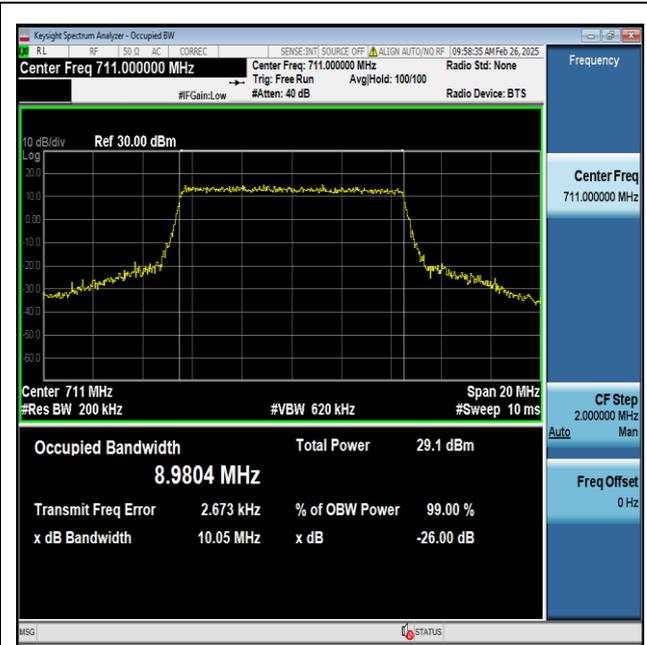
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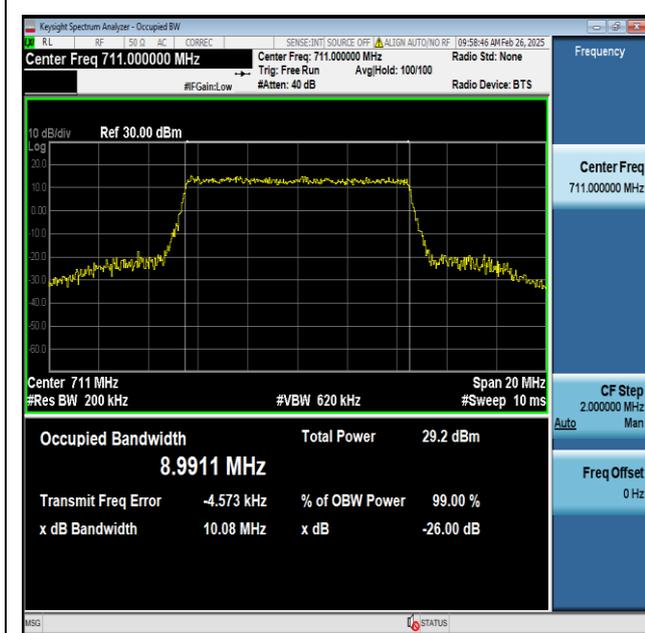
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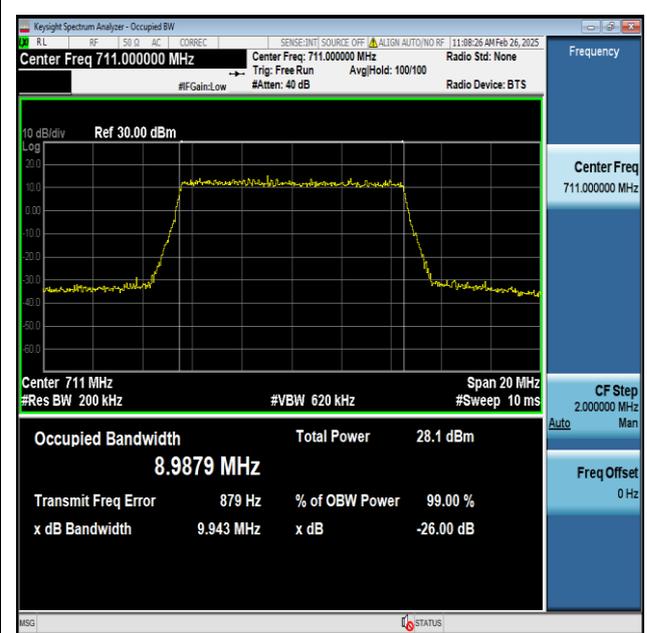
Band12-10MHz-QPSK-23130-50RB#0-PASS



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



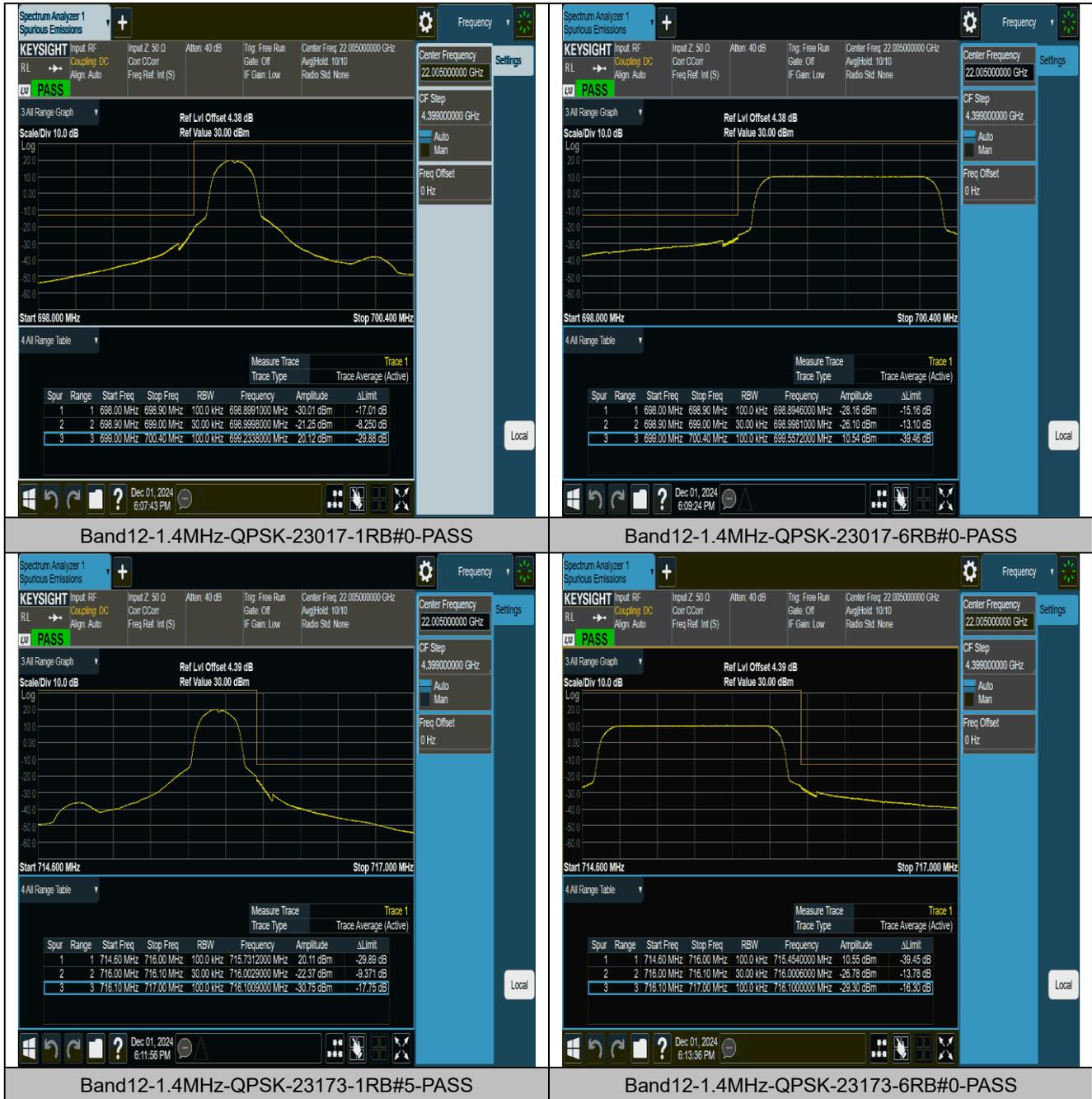
Band12-10MHz-64QAM-23130-50RB#0-PASS

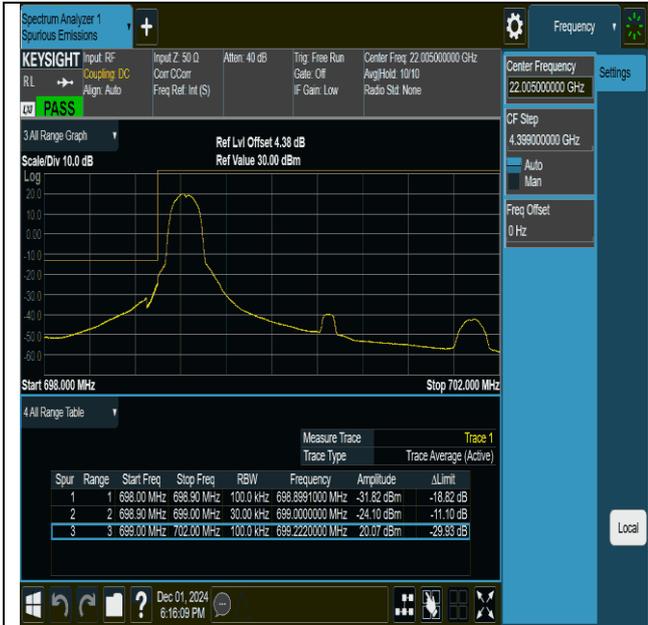


Band12-10MHz-256QAM-23130-50RB#0-PASS

## Band Edge

### Test Graphs

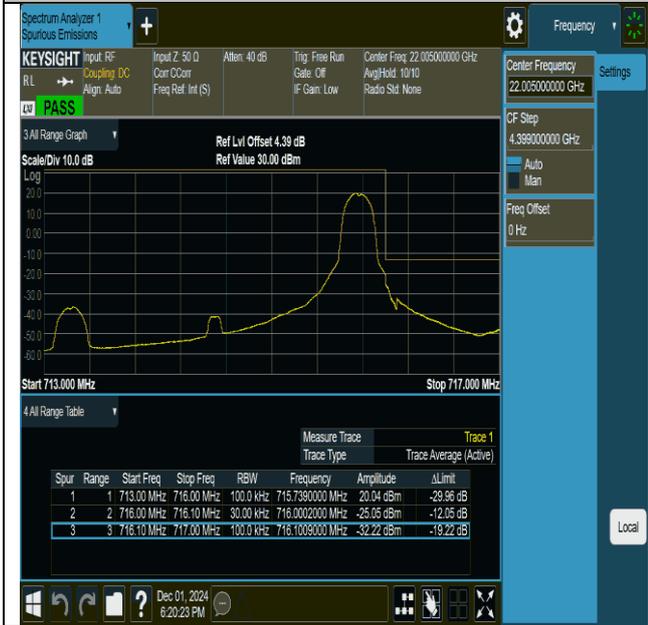




Band12-3MHz-QPSK-23025-1RB#0-PASS



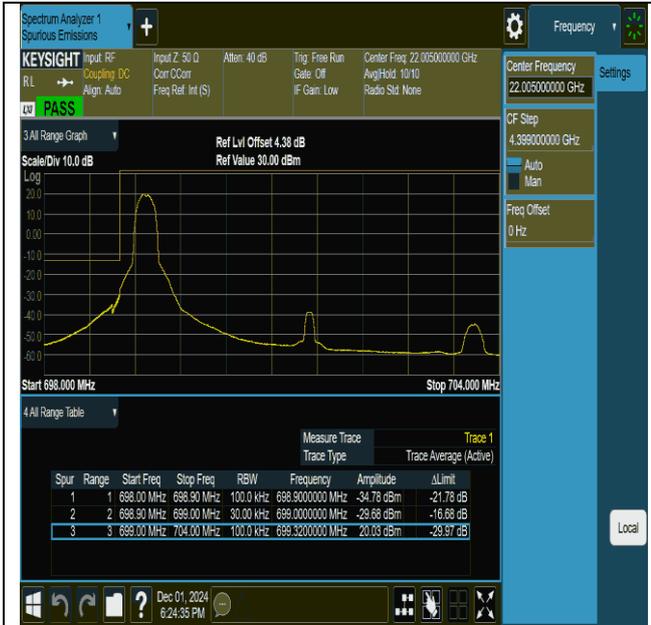
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Band12-3MHz-QPSK-23165-1RB#14-PASS



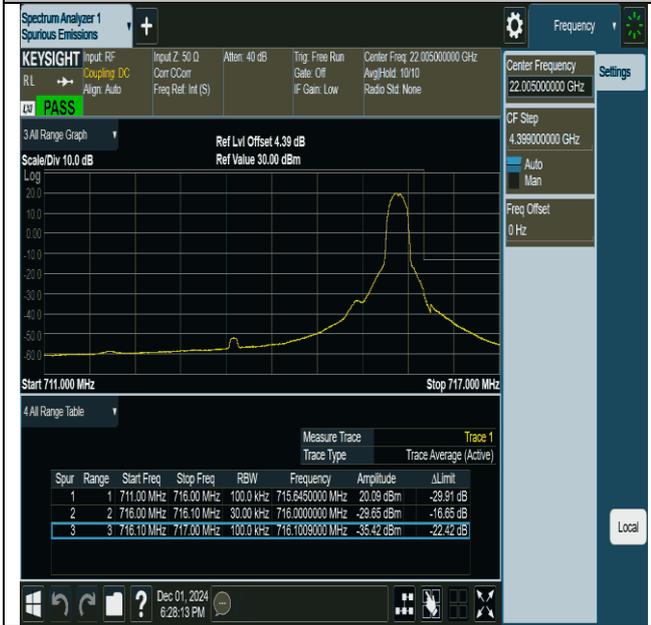
Band12-3MHz-QPSK-23165-15RB#0-PASS



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



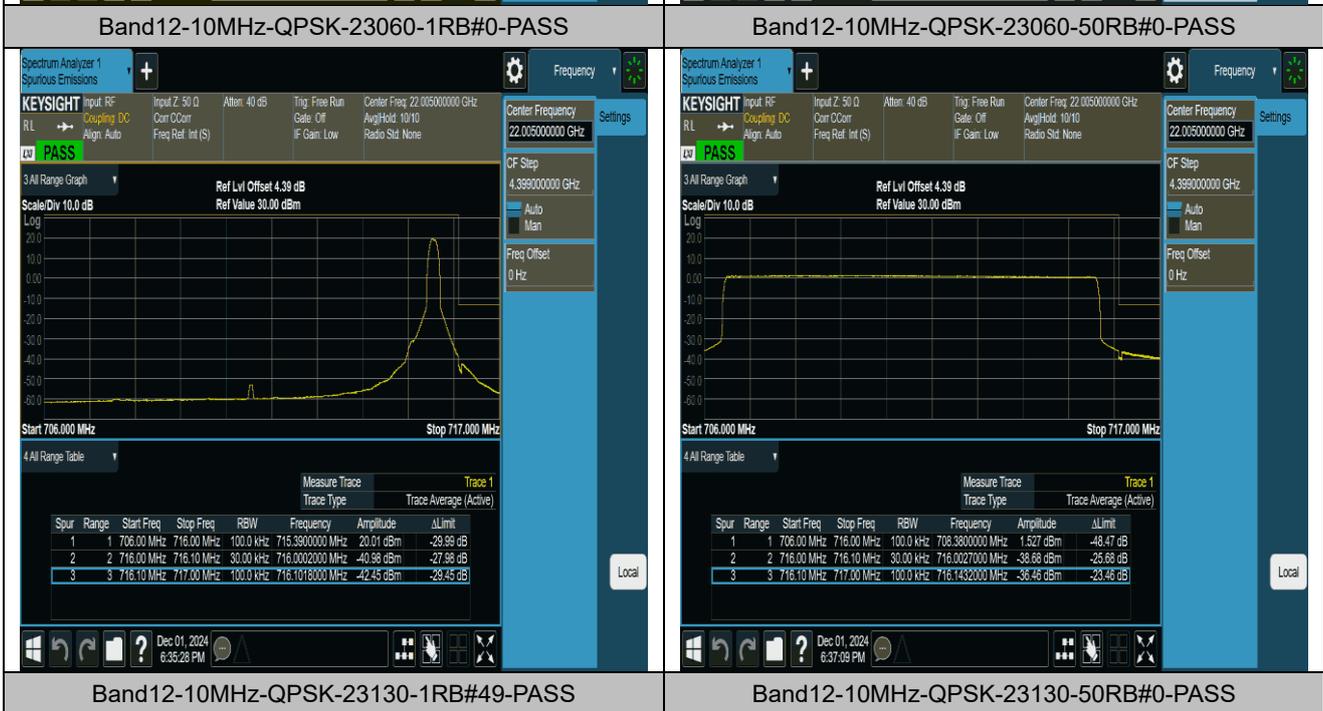
Band12-5MHz-QPSK-23035-25RB#0-PASS



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

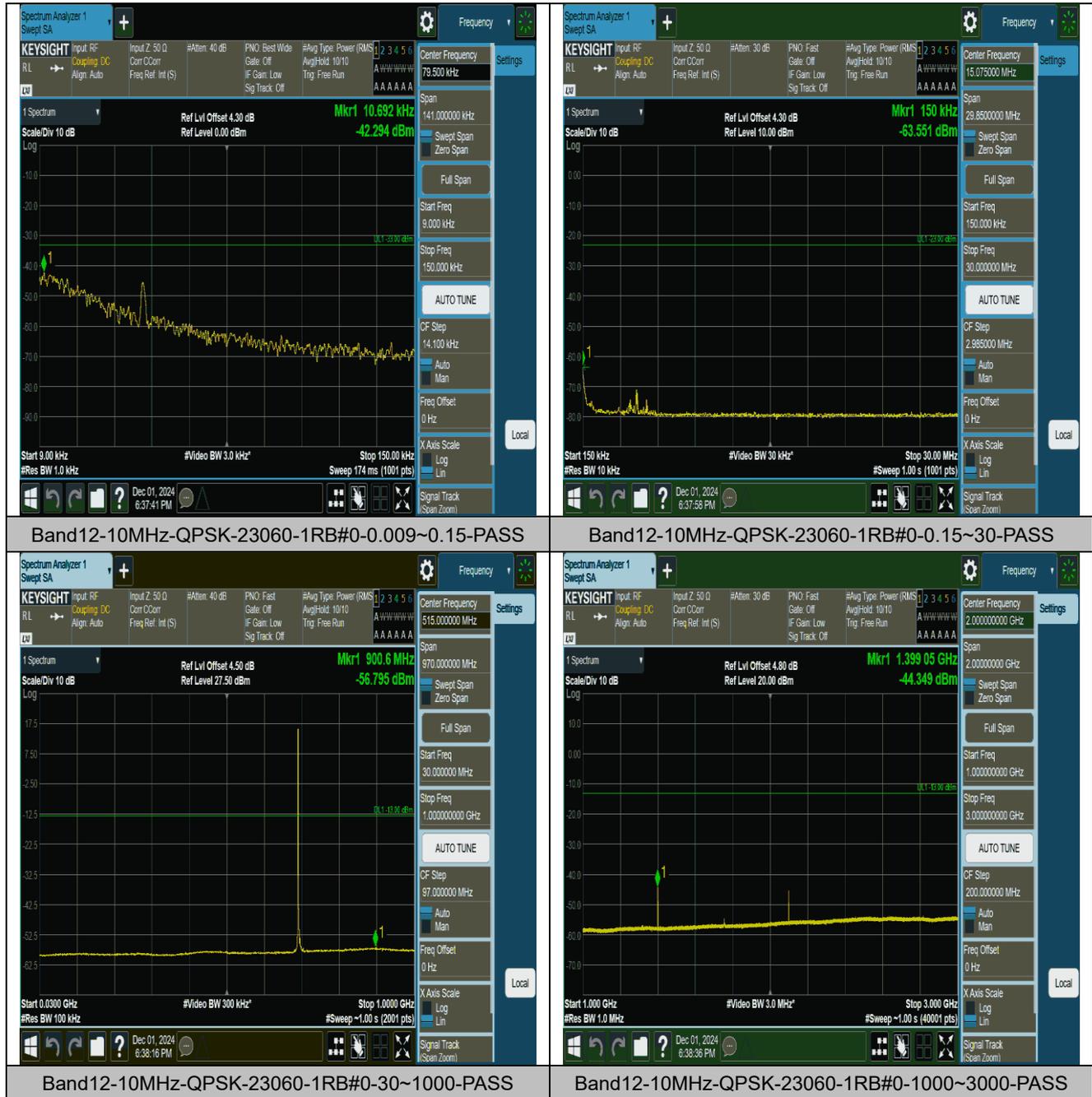


Band12-5MHz-QPSK-23155-25RB#0-PASS



## Conducted Spurious Emission

### Test Graphs







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

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



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

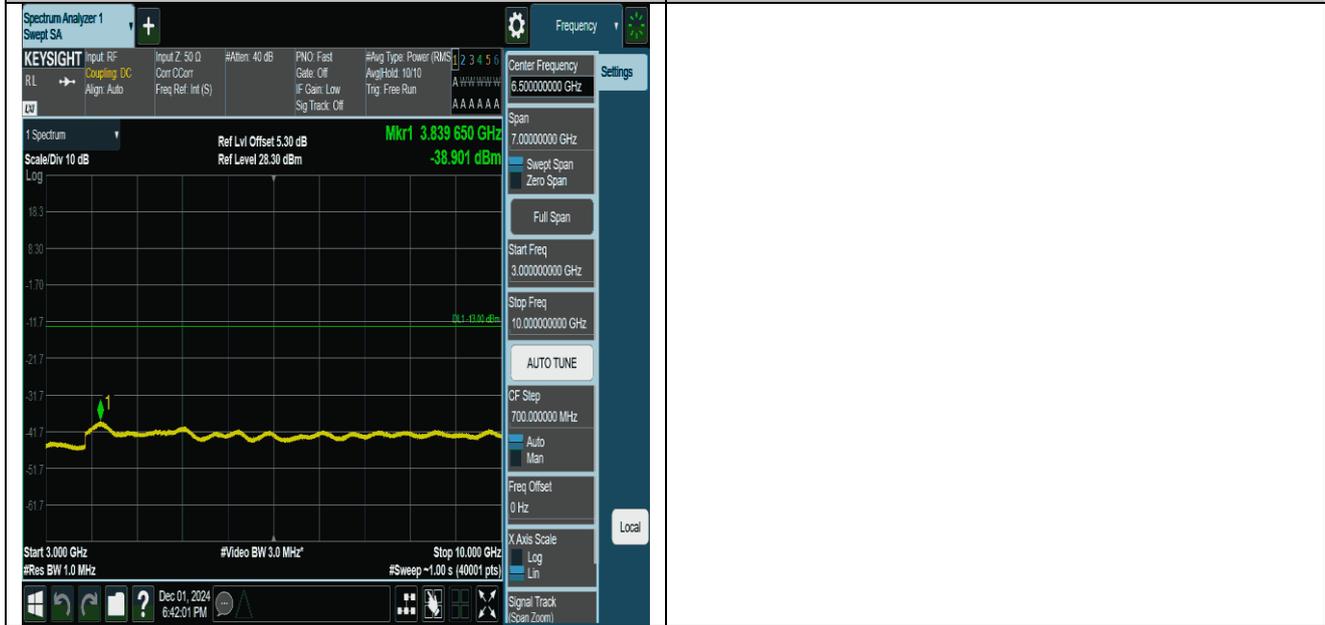


Band12-10MHz-QPSK-23130-1RB#0-0.15~30-PASS



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	100RB#0	VN	NT	3.90	0.005512	PASS
Band12	10MHz	QPSK	23095	100RB#0	VL	NT	3.90	0.005512	PASS
Band12	10MHz	QPSK	23095	100RB#0	VH	NT	3.80	0.005371	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	100RB#0	NV	-30	4.80	0.006784	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	-20	4.90	0.006926	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	-10	6.80	0.009611	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	0	4.70	0.006643	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	10	2.70	0.003816	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	20	3.30	0.004664	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	30	4.60	0.006502	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	40	3.80	0.005371	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	50	0.50	0.000707	PASS

~The End~