

Appendix-D 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	21.80	17.05	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	21.58	16.83	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	21.72	16.97	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	21.60	16.85	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#2	21.66	16.91	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	21.76	17.01	34.77	PASS
Band12	1.4MHz	QPSK	23017	15RB#0	21.59	16.84	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.80	17.05	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.74	16.99	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.72	16.97	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.71	16.96	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#2	21.63	16.88	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.66	16.91	34.77	PASS
Band12	1.4MHz	16QAM	23017	15RB#0	21.63	16.88	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.69	16.94	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.66	16.91	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.78	17.03	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.69	16.94	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#2	21.71	16.96	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.62	16.87	34.77	PASS
Band12	1.4MHz	64QAM	23017	15RB#0	20.67	15.92	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	21.78	17.03	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	21.83	17.08	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	21.85	17.10	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	21.77	17.02	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#2	21.80	17.05	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	21.82	17.07	34.77	PASS
Band12	1.4MHz	QPSK	23095	15RB#0	21.74	16.99	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.87	17.12	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.80	17.05	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.85	17.10	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.75	17.00	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#2	21.83	17.08	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.85	17.10	34.77	PASS
Band12	1.4MHz	16QAM	23095	15RB#0	21.74	16.99	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.78	17.03	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.83	17.08	34.77	PASS

Band12	1.4MHz	64QAM	23095	1RB#5	21.88	17.13	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.82	17.07	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#2	21.76	17.01	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.79	17.04	34.77	PASS
Band12	1.4MHz	64QAM	23095	15RB#0	20.80	16.05	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	21.80	17.05	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	21.82	17.07	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	21.62	16.87	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	21.60	16.85	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#2	21.52	16.77	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.69	16.94	34.77	PASS
Band12	1.4MHz	QPSK	23173	15RB#0	21.65	16.90	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.77	17.02	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.89	17.14	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.76	17.01	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.63	16.88	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#2	21.55	16.80	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.66	16.91	34.77	PASS
Band12	1.4MHz	16QAM	23173	15RB#0	21.55	16.80	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.76	17.01	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.66	16.91	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.76	17.01	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.57	16.82	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#2	21.74	16.99	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.65	16.90	34.77	PASS
Band12	1.4MHz	64QAM	23173	15RB#0	20.67	15.92	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	21.86	17.11	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#7	21.74	16.99	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	21.67	16.92	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.61	16.86	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.84	17.09	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.67	16.92	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.63	16.88	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.76	17.01	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#7	21.75	17.00	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.78	17.03	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.65	16.90	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.66	16.91	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.64	16.89	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.53	16.78	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.74	16.99	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#7	21.61	16.86	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.83	17.08	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.58	15.83	34.77	PASS

Band12	3MHz	64QAM	23025	8RB#4	20.68	15.93	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.54	15.79	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.59	15.84	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	21.84	17.09	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#7	21.66	16.91	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	21.70	16.95	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.56	16.81	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.73	16.98	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.79	17.04	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.68	16.93	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.70	16.95	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#7	21.83	17.08	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.90	17.15	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.78	17.03	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.69	16.94	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.74	16.99	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.68	16.93	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.76	17.01	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#7	21.57	16.82	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.71	16.96	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.59	15.84	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.76	16.01	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.75	16.00	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.61	15.86	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	21.79	17.04	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#7	21.77	17.02	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	21.66	16.91	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.49	16.74	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.68	16.93	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.65	16.90	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.66	16.91	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.80	17.05	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#7	21.89	17.14	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.92	17.17	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.78	17.03	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.65	16.90	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.66	16.91	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.60	16.85	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.81	17.06	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#7	21.55	16.80	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.78	17.03	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.49	15.74	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.71	15.96	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.63	15.88	34.77	PASS

Band12	3MHz	64QAM	23165	15RB#0	20.54	15.79	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	21.87	17.12	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#13	21.60	16.85	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#25	21.62	16.87	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.56	16.81	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.69	16.94	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.62	16.87	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.47	16.72	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.71	16.96	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#13	21.86	17.11	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#25	21.73	16.98	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.78	17.03	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.66	16.91	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.68	16.93	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.65	16.90	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.71	16.96	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#13	21.48	16.73	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#25	21.90	17.15	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.51	15.76	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.68	15.93	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.58	15.83	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.49	15.74	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	21.91	17.16	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#13	21.78	17.03	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#25	21.66	16.91	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.54	16.79	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.74	16.99	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.73	16.98	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.74	16.99	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.84	17.09	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#13	21.79	17.04	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#25	21.90	17.15	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.76	17.01	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.60	16.85	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.72	16.97	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.66	16.91	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.78	17.03	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#13	21.73	16.98	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#25	21.87	17.12	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.47	15.72	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.77	16.02	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.69	15.94	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.57	15.82	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	21.86	17.11	34.77	PASS

Band12	5MHz	QPSK	23155	1RB#13	21.82	17.07	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#25	21.63	16.88	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.50	16.75	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.57	16.82	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.71	16.96	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.78	17.03	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.64	16.89	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#13	21.85	17.10	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#25	21.77	17.02	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.76	17.01	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.54	16.79	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.65	16.90	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.50	16.75	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.82	17.07	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#13	21.63	16.88	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#25	21.80	17.05	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.45	15.70	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.73	15.98	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.51	15.76	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.63	15.88	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	21.80	17.05	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#25	21.67	16.92	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#50	21.65	16.90	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.64	16.89	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#13	21.66	16.91	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.69	16.94	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.57	16.82	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.79	17.04	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#25	21.84	17.09	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#50	21.78	17.03	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.71	16.96	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#13	21.60	16.85	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.64	16.89	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.63	16.88	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.77	17.02	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#25	21.59	16.84	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#50	21.82	17.07	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.54	15.79	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#13	20.67	15.92	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.66	15.91	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.59	15.84	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	21.90	17.15	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#25	21.76	17.01	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#50	21.68	16.93	34.77	PASS

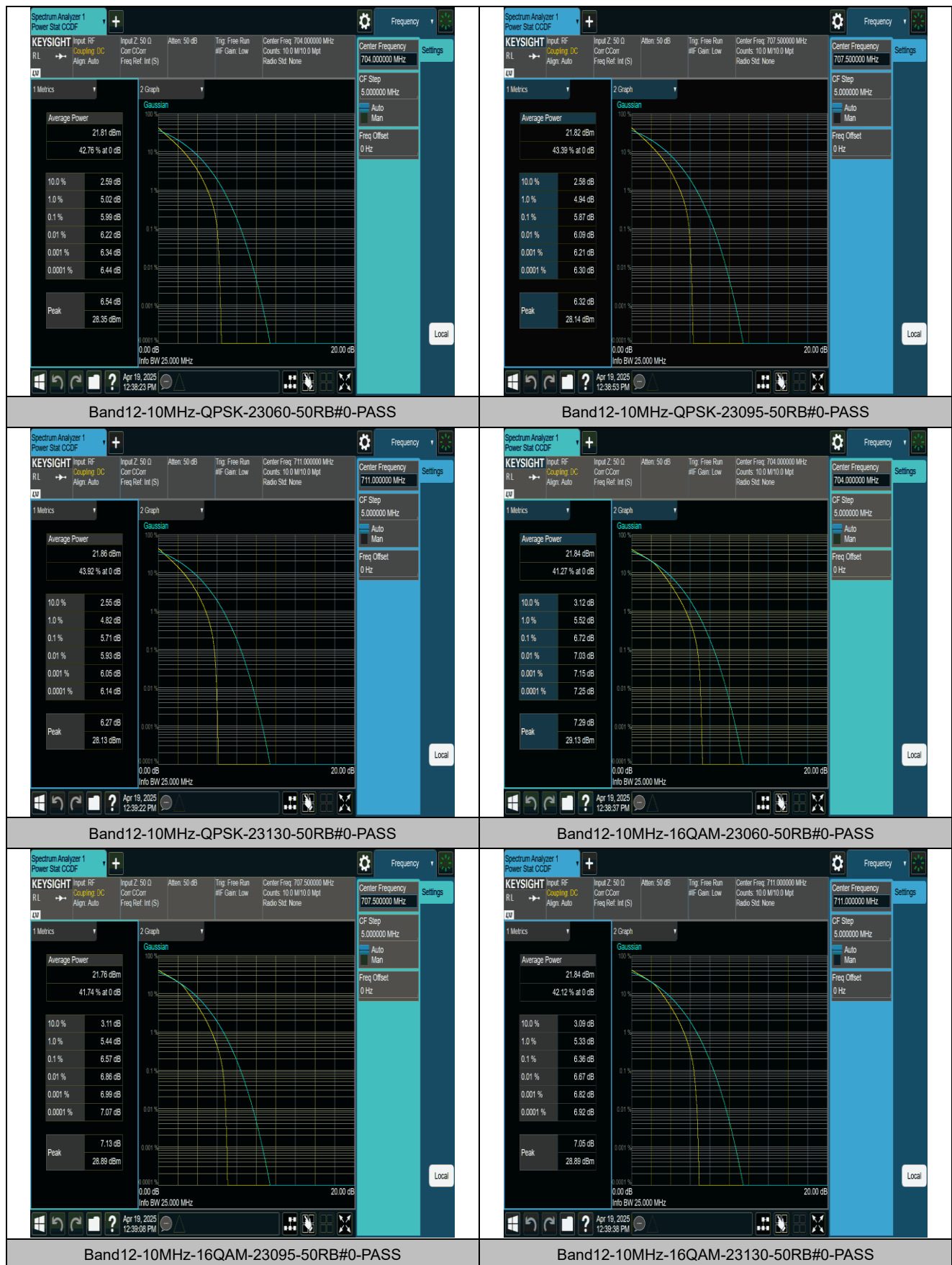
Band12	10MHz	QPSK	23095	25RB#0	21.63	16.88	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#13	21.71	16.96	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.75	17.00	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.69	16.94	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.80	17.05	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#25	21.89	17.14	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#50	21.88	17.13	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.74	16.99	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#13	21.63	16.88	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.76	17.01	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.65	16.90	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.78	17.03	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#25	21.69	16.94	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#50	21.83	17.08	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.57	15.82	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#13	20.73	15.98	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.71	15.96	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.62	15.87	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	21.78	17.03	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#25	21.79	17.04	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#50	21.61	16.86	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.60	16.85	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#13	21.60	16.85	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.73	16.98	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.77	17.02	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.72	16.97	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#25	21.77	17.02	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#50	21.76	17.01	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.73	16.98	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#13	21.66	16.91	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.77	17.02	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.61	16.86	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.75	17.00	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#25	21.60	16.85	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#50	21.80	17.05	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.45	15.70	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#13	20.81	16.06	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.60	15.85	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.59	15.84	34.77	PASS

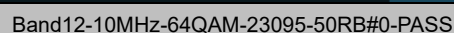
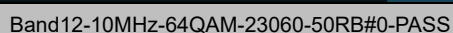
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	5.99	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.87	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.71	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.72	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.57	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.36	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	7.19	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	7.09	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.92	13	PASS

Test Graphs



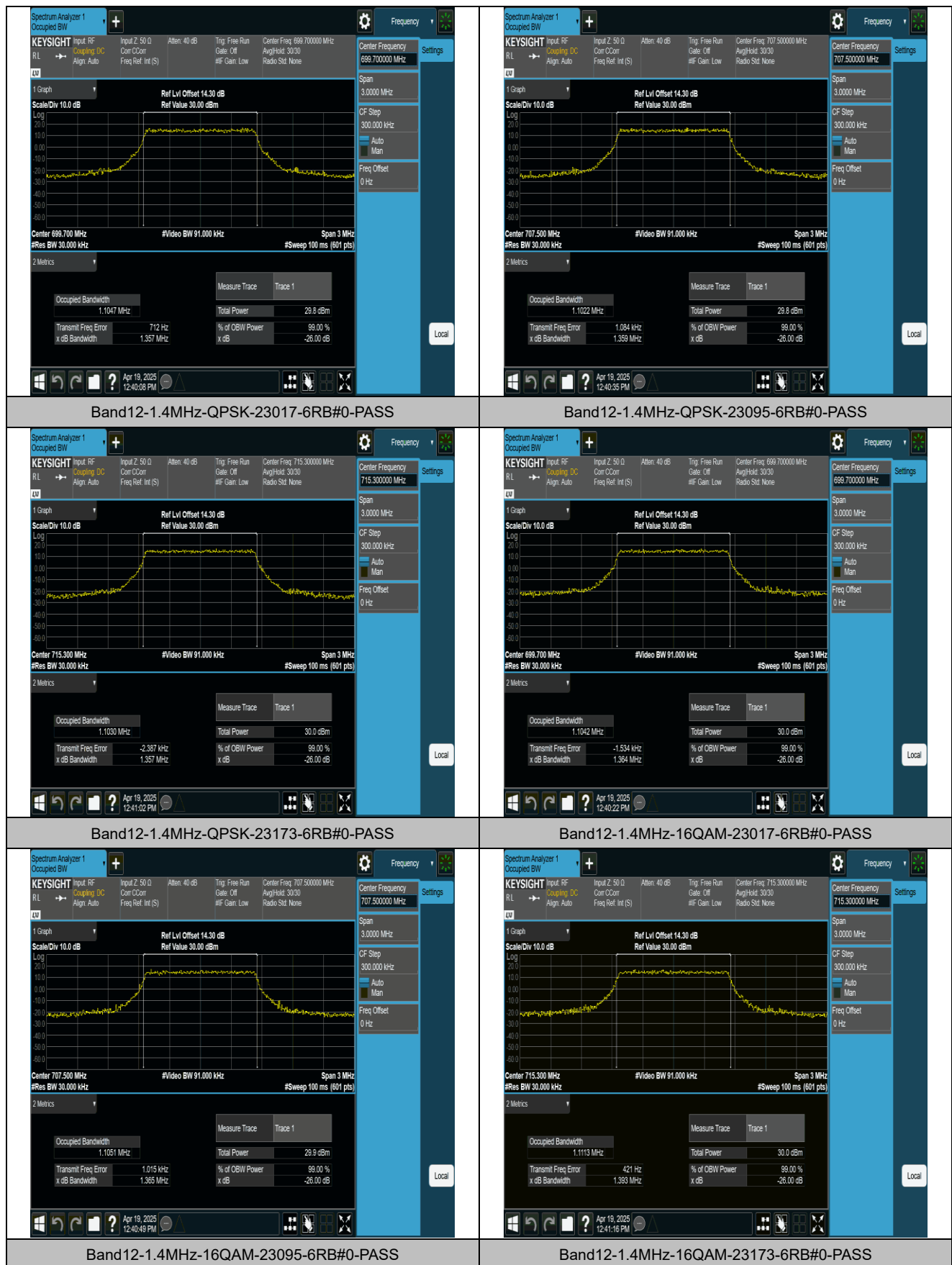


26dB Bandwidth and Occupied Bandwidth

Test Result

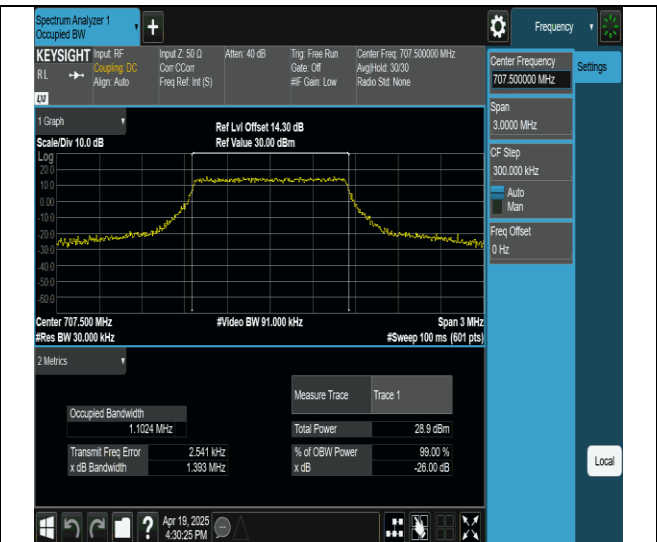
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.1047	1.357	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.1022	1.359	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1030	1.357	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1042	1.364	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1051	1.365	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1113	1.393	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.1042	1.378	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.1024	1.393	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0979	1.332	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6992	3.039	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7009	3.040	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7020	3.060	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6976	3.081	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7046	3.042	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7054	3.048	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6990	3.067	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.7107	3.035	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6974	3.053	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5158	5.167	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5186	5.153	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5137	5.148	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5150	5.182	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5169	5.167	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5127	5.209	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5197	5.193	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5130	5.202	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5179	5.178	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0283	10.11	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9953	10.12	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9660	9.972	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0109	10.01	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9854	10.09	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9940	10.10	PASS
Band12	10MHz	64QAM	23060	50RB#0	9.0047	10.05	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9893	10.04	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9798	9.955	PASS

Test Graphs

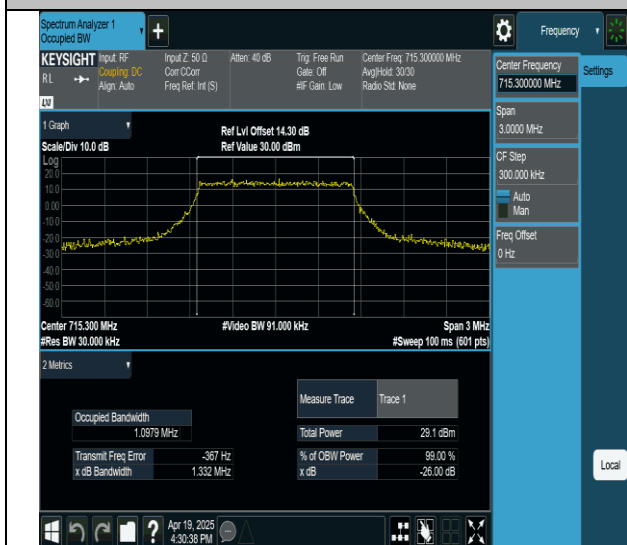




Band12-1.4MHz-64QAM-23017-6RB#0-PASS



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



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



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



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



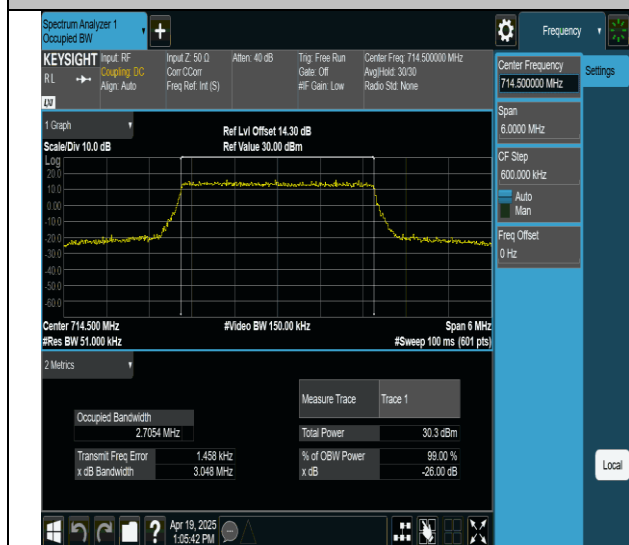
Band12-3MHz-QPSK-23165-15RB#0-PASS



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



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



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



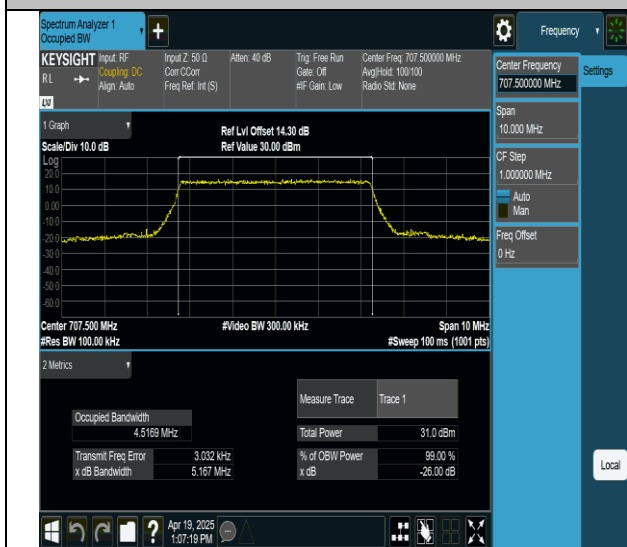
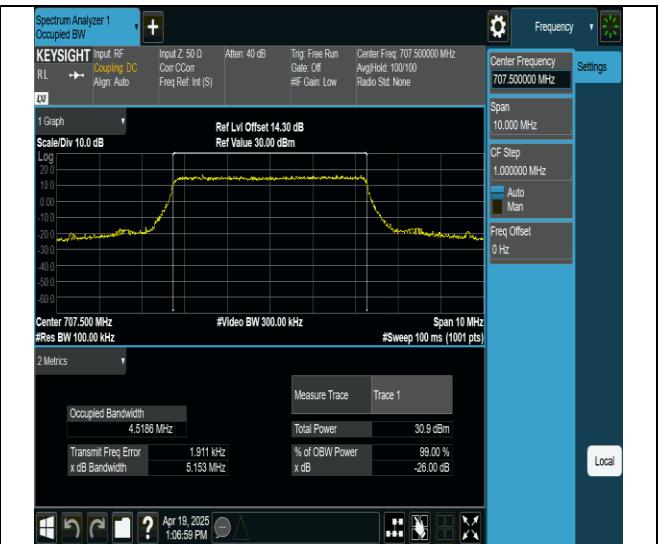
Band12-3MHz-64QAM-23025-15RB#0-PASS



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



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





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



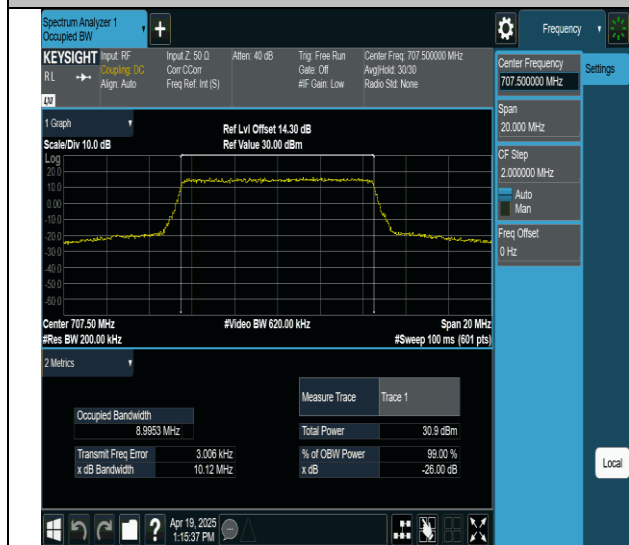
Band12-5MHz-64QAM-23095-25RB#0-PASS



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



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



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



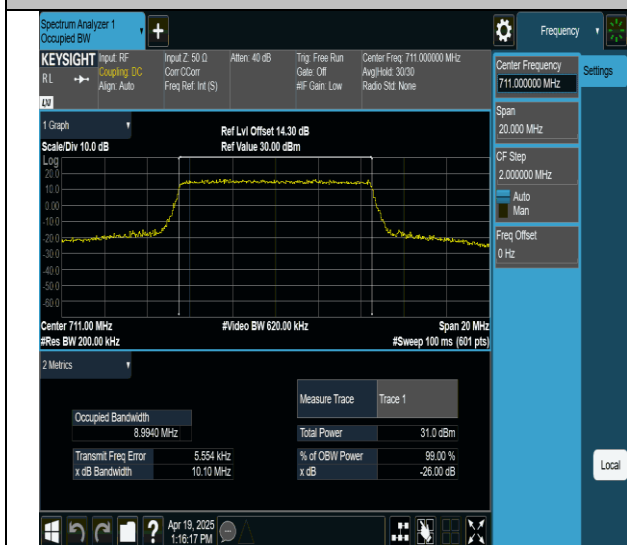
Band12-10MHz-QPSK-23130-50RB#0-PASS



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



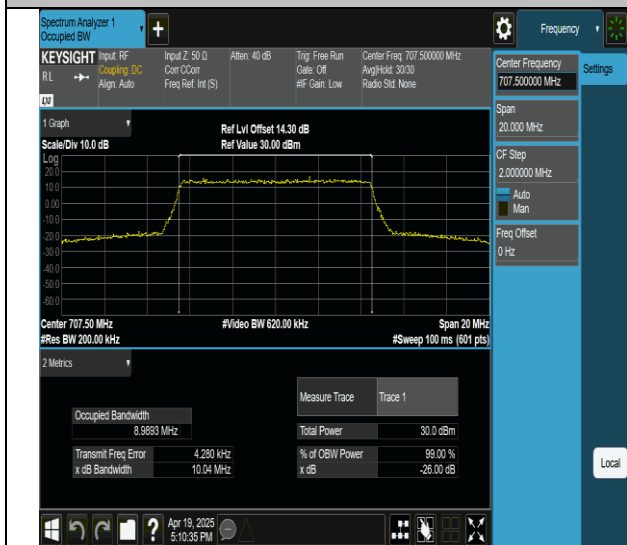
Band12-10MHz-16QAM-23095-50RB#0-PASS



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



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



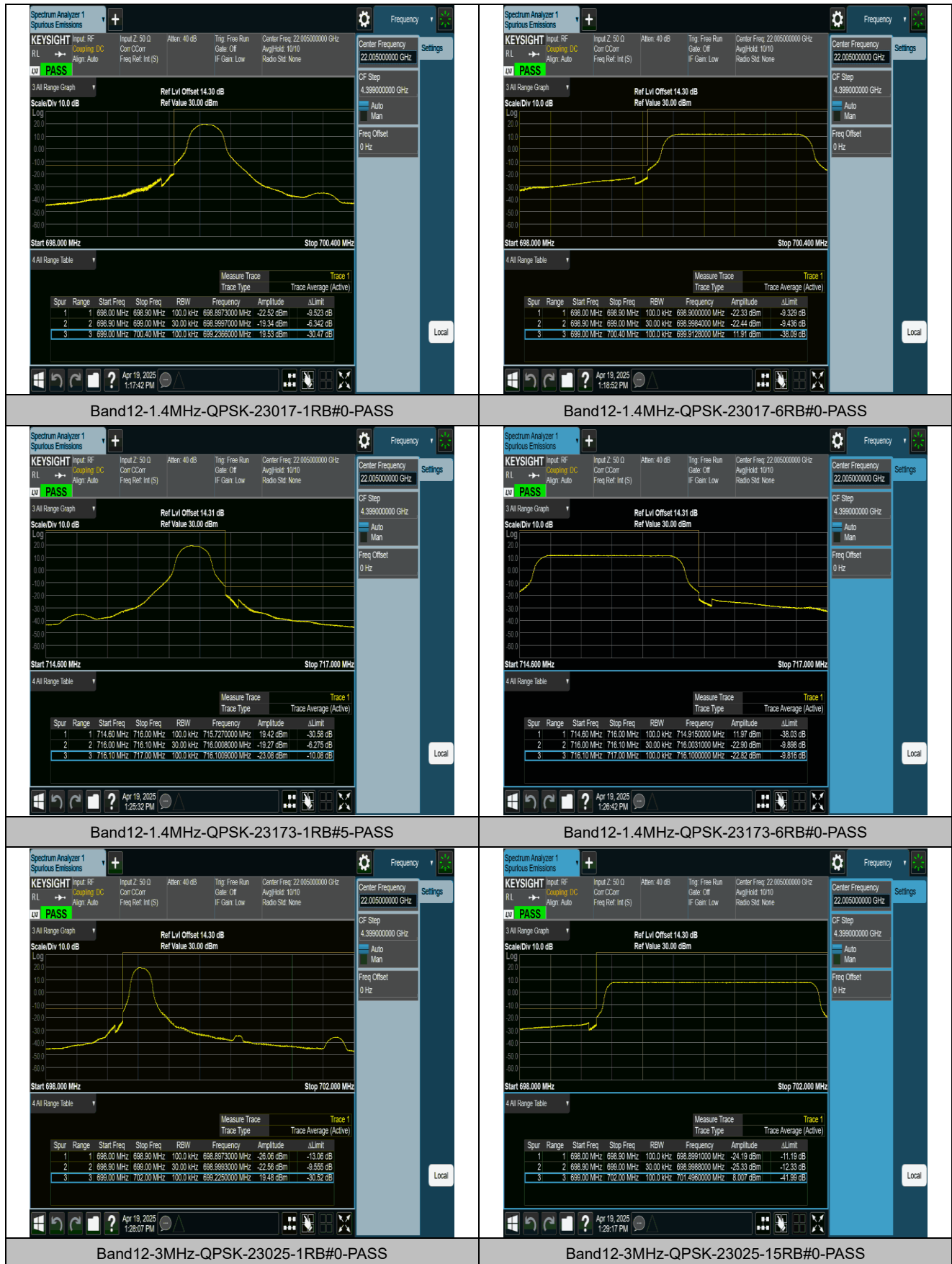
Band12-10MHz-64QAM-23095-50RB#0-PASS

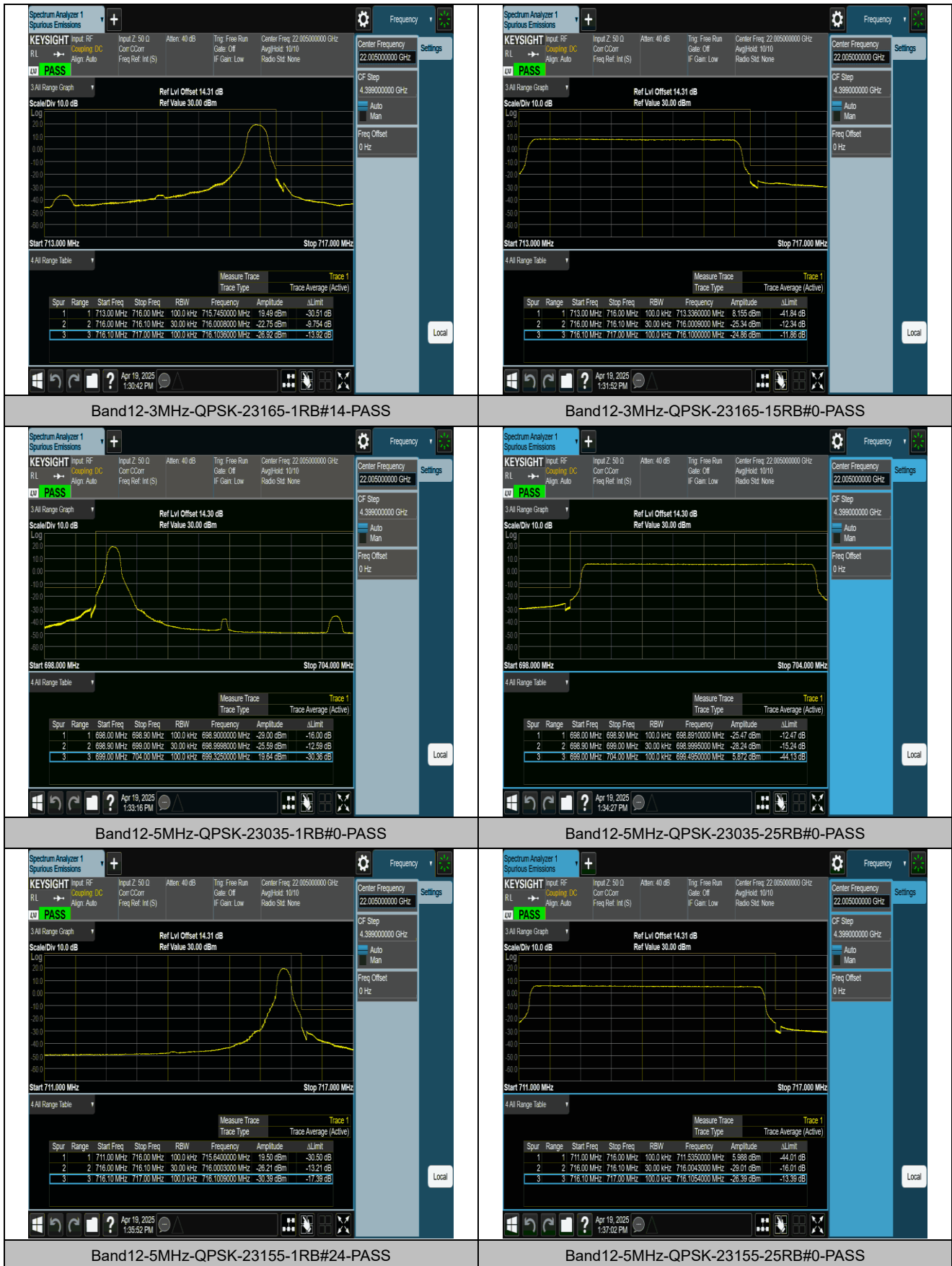


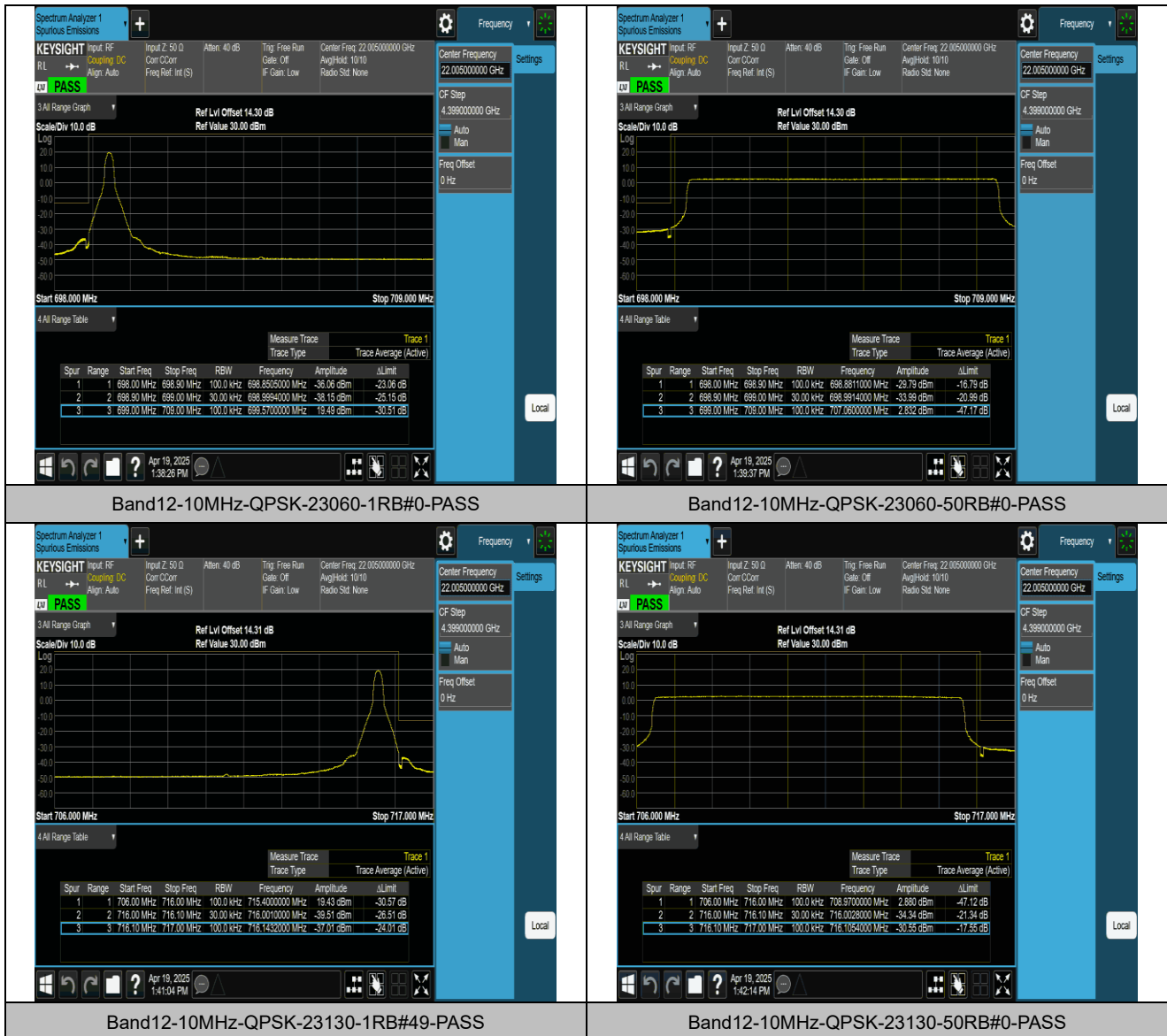
Band12-10MHz-64QAM-23130-50RB#0-PASS

Band Edge

Test Graphs



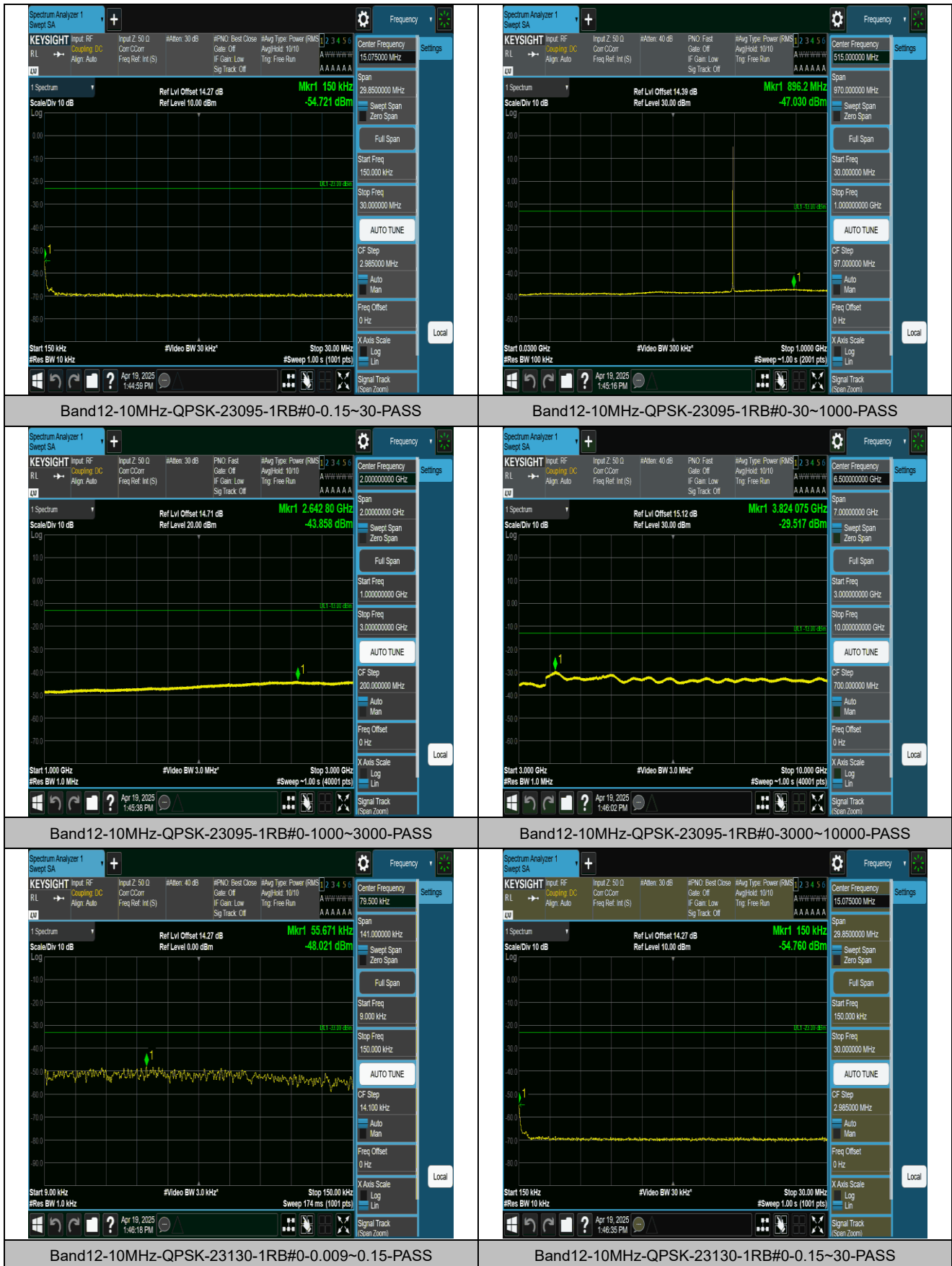


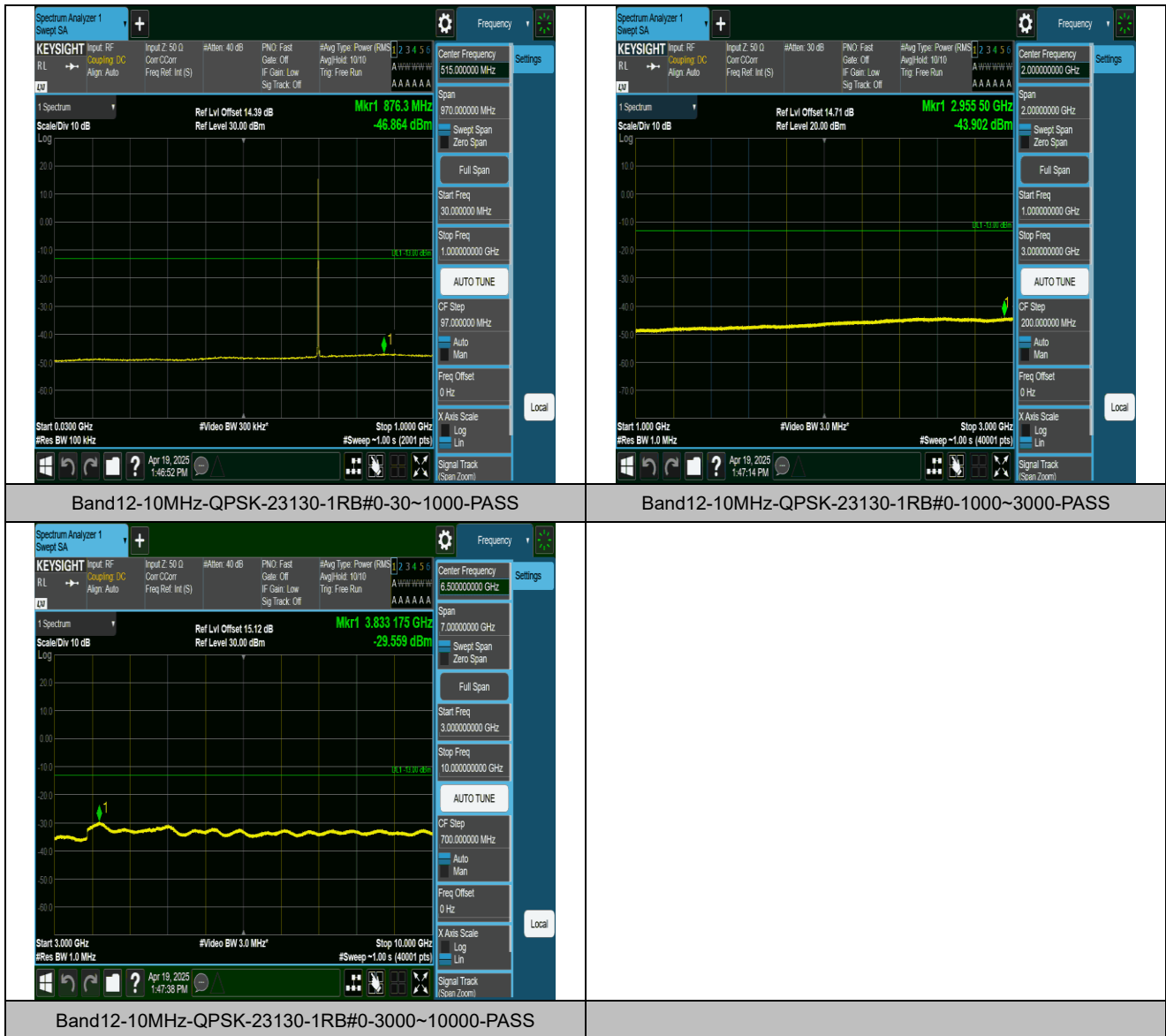


Conducted Spurious Emission

Test Graphs







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	0.20	0.000283	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-0.50	-0.000707	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	0.80	0.001131	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	-1.10	-0.001555	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	0.10	0.000141	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	0.00	0.000000	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	1.90	0.002686	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-2.00	-0.002827	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-0.30	-0.000424	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	0.10	0.000141	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-0.10	-0.000141	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	0.50	0.000707	PASS

~The End~