

Appendix-D LTE Band 5

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	18.74	15.19	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	18.87	15.32	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	18.84	15.29	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	18.71	15.16	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#2	18.75	15.20	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	18.72	15.17	38.45	PASS
Band5	1.4MHz	QPSK	20407	15RB#0	18.75	15.20	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	18.66	15.11	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	18.67	15.12	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	18.82	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	18.49	14.94	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#2	18.54	14.99	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	18.67	15.12	38.45	PASS
Band5	1.4MHz	16QAM	20407	15RB#0	18.45	14.90	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	18.86	15.31	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	18.69	15.14	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	18.89	15.34	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	18.70	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#2	18.71	15.16	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	18.41	14.86	38.45	PASS
Band5	1.4MHz	64QAM	20407	15RB#0	18.53	14.98	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	18.87	15.32	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	18.85	15.30	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	18.75	15.20	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	18.80	15.25	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#2	18.78	15.23	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	18.67	15.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	15RB#0	18.66	15.11	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	18.69	15.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	18.73	15.18	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	18.72	15.17	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	18.52	14.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#2	18.45	14.90	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	18.71	15.16	38.45	PASS
Band5	1.4MHz	16QAM	20525	15RB#0	18.63	15.08	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	18.78	15.23	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	18.64	15.09	38.45	PASS

Band5	1.4MHz	64QAM	20525	1RB#5	18.88	15.33	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	18.60	15.05	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#2	18.70	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	18.49	14.94	38.45	PASS
Band5	1.4MHz	64QAM	20525	15RB#0	18.65	15.10	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	18.64	15.09	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	18.84	15.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	18.84	15.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	18.73	15.18	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#2	18.62	15.07	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	18.57	15.02	38.45	PASS
Band5	1.4MHz	QPSK	20643	15RB#0	18.62	15.07	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	18.65	15.10	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	18.59	15.04	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	18.51	14.96	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	18.30	14.75	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#2	18.53	14.98	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	18.52	14.97	38.45	PASS
Band5	1.4MHz	16QAM	20643	15RB#0	18.62	15.07	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	18.94	15.39	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	18.61	15.06	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	18.68	15.13	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	18.71	15.16	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#2	18.73	15.18	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	18.33	14.78	38.45	PASS
Band5	1.4MHz	64QAM	20643	15RB#0	18.67	15.12	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	18.78	15.23	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#7	18.74	15.19	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	18.76	15.21	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	18.57	15.02	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	18.72	15.17	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	18.71	15.16	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	18.67	15.12	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	18.67	15.12	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#7	18.78	15.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	18.73	15.18	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	18.56	15.01	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	18.50	14.95	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	18.76	15.21	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	18.48	14.93	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	18.76	15.21	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#7	18.71	15.16	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	18.78	15.23	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	18.61	15.06	38.45	PASS

Band5	3MHz	64QAM	20415	8RB#4	18.72	15.17	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	18.48	14.93	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	18.59	15.04	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	18.75	15.20	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#7	18.80	15.25	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	18.85	15.30	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	18.86	15.31	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	18.66	15.11	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	18.68	15.13	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	18.56	15.01	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	18.68	15.13	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#7	18.67	15.12	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	18.56	15.01	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	18.53	14.98	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	18.58	15.03	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	18.66	15.11	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	18.76	15.21	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	18.88	15.33	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#7	18.64	15.09	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	18.74	15.19	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	18.65	15.10	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	18.59	15.04	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	18.44	14.89	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	18.73	15.18	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	18.62	15.07	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#7	18.90	15.35	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	18.73	15.18	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	18.79	15.24	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	18.70	15.15	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	18.57	15.02	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	18.67	15.12	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	18.64	15.09	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#7	18.53	14.98	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	18.52	14.97	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	18.46	14.91	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	18.46	14.91	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	18.67	15.12	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	18.78	15.23	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	18.76	15.21	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#7	18.59	15.04	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	18.67	15.12	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	18.56	15.01	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	18.71	15.16	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	18.39	14.84	38.45	PASS

Band5	3MHz	64QAM	20635	15RB#0	18.80	15.25	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	18.77	15.22	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#13	18.82	15.27	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#25	18.87	15.32	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	18.68	15.13	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	18.75	15.20	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	18.64	15.09	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	18.61	15.06	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	18.62	15.07	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#13	18.78	15.23	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#25	18.65	15.10	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	18.52	14.97	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	18.44	14.89	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	18.77	15.22	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	18.50	14.95	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	18.75	15.20	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#13	18.60	15.05	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#25	18.96	15.41	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	18.50	14.95	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	18.63	15.08	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	18.43	14.88	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	18.71	15.16	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	18.90	15.35	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#13	18.86	15.31	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#25	18.83	15.28	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	18.82	15.27	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	18.64	15.09	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	18.61	15.06	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	18.65	15.10	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	18.76	15.21	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#13	18.64	15.09	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#25	18.65	15.10	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	18.42	14.87	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	18.42	14.87	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	18.64	15.09	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	18.69	15.14	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	18.85	15.30	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#13	18.71	15.16	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#25	18.90	15.35	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	18.64	15.09	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	18.64	15.09	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	18.44	14.89	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	18.64	15.09	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	18.59	15.04	38.45	PASS

Band5	5MHz	QPSK	20625	1RB#13	18.86	15.31	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#25	18.88	15.33	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	18.74	15.19	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	18.68	15.13	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	18.48	14.93	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	18.74	15.19	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	18.71	15.16	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#13	18.59	15.04	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#25	18.51	14.96	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	18.45	14.90	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	18.40	14.85	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	18.65	15.10	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	18.74	15.19	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	18.91	15.36	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#13	18.56	15.01	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#25	18.70	15.15	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	18.60	15.05	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	18.58	15.03	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	18.50	14.95	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	18.87	15.32	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	18.74	15.19	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#25	18.80	15.25	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#50	18.82	15.27	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	18.69	15.14	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#13	18.71	15.16	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	18.65	15.10	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	18.70	15.15	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	18.63	15.08	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#25	18.75	15.20	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#50	18.74	15.19	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	18.51	14.96	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#13	18.53	14.98	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	18.73	15.18	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	18.57	15.02	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	18.80	15.25	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#25	18.72	15.17	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#50	18.89	15.34	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	18.62	15.07	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#13	18.72	15.17	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	18.49	14.94	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	18.64	15.09	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	18.82	15.27	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#25	18.89	15.34	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#50	18.85	15.30	38.45	PASS

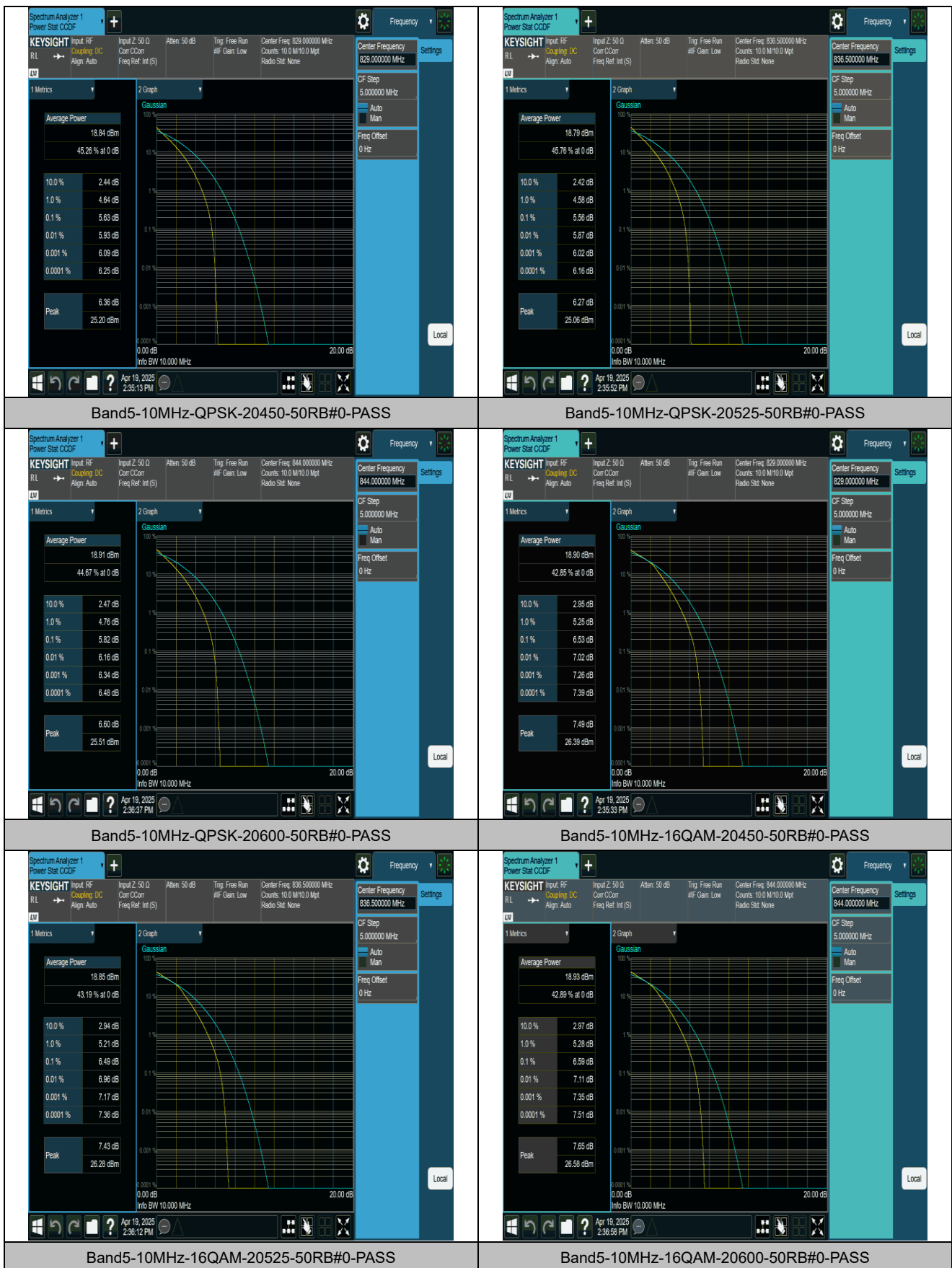
Band5	10MHz	QPSK	20525	25RB#0	18.80	15.25	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#13	18.74	15.19	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	18.64	15.09	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	18.66	15.11	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	18.69	15.14	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#25	18.67	15.12	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#50	18.68	15.13	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	18.49	14.94	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#13	18.53	14.98	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	18.70	15.15	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	18.69	15.14	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	18.87	15.32	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#25	18.69	15.14	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#50	18.83	15.28	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	18.64	15.09	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#13	18.70	15.15	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	18.53	14.98	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	18.72	15.17	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	18.65	15.10	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#25	18.86	15.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#50	18.84	15.29	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	18.79	15.24	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#13	18.70	15.15	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	18.58	15.03	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	18.67	15.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	18.74	15.19	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#25	18.61	15.06	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#50	18.62	15.07	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	18.38	14.83	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#13	18.48	14.93	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	18.61	15.06	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	18.71	15.16	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	18.86	15.31	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#25	18.65	15.10	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#50	18.76	15.21	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	18.67	15.12	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#13	18.65	15.10	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	18.43	14.88	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	18.79	15.24	38.45	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.63	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.56	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.82	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.53	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.49	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.59	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.82	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.75	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.87	13	PASS

Test Graphs





Band5-10MHz-64QAM-20450-50RB#0-PASS



Band5-10MHz-64QAM-20525-50RB#0-PASS



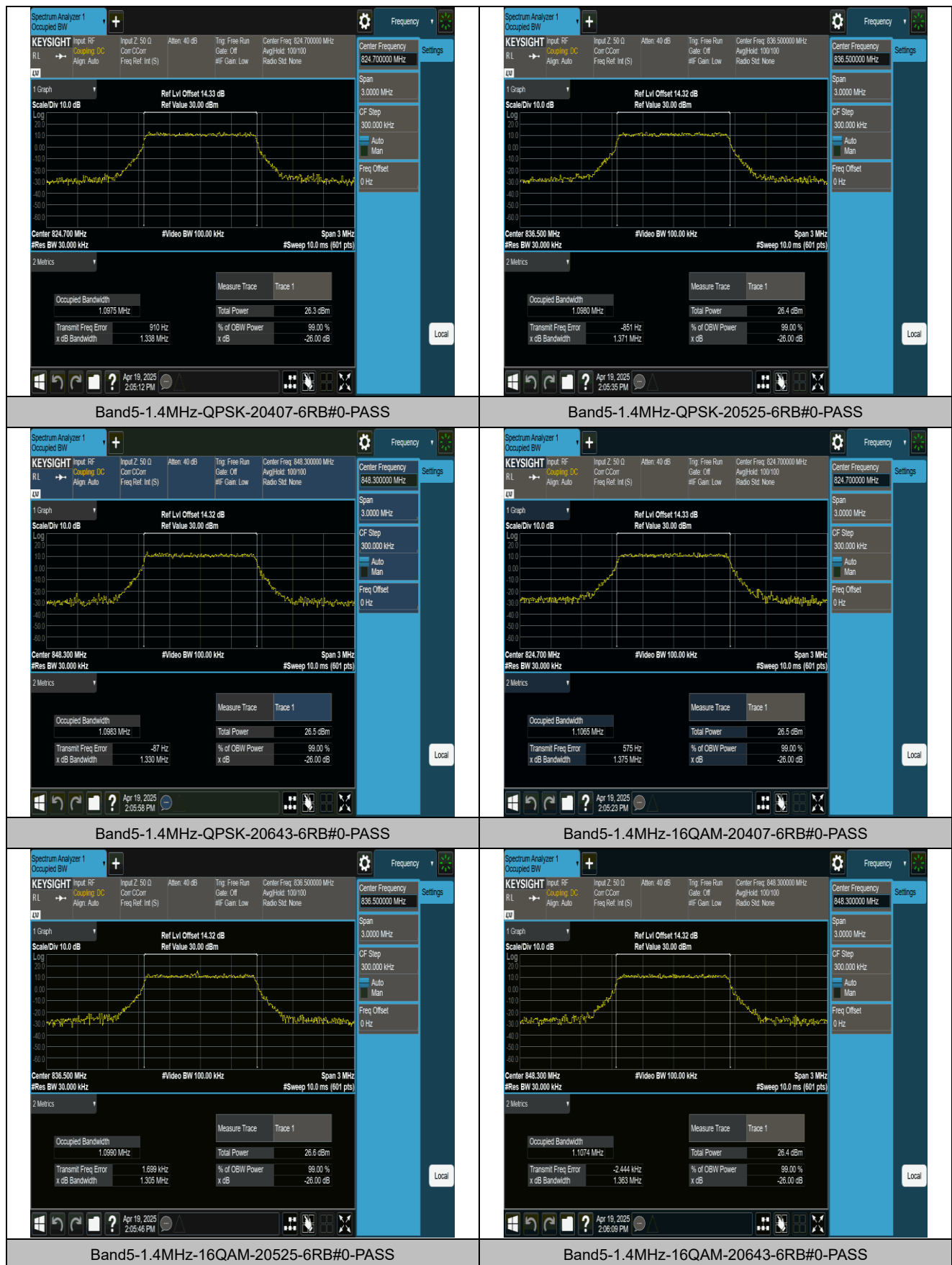
Band5-10MHz-64QAM-20600-50RB#0-PASS

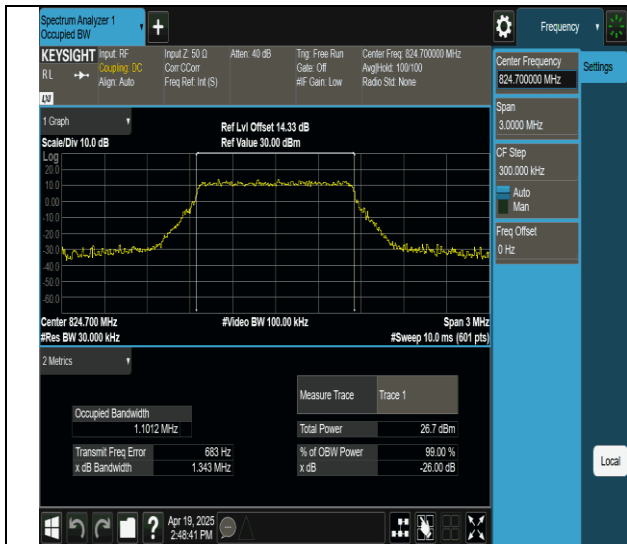
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0975	1.338	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0980	1.371	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0983	1.330	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1065	1.375	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0990	1.305	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1074	1.363	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.1012	1.343	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0990	1.316	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0991	1.324	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6896	3.000	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6848	2.957	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6930	2.970	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6914	2.921	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6904	2.993	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6873	2.961	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.6931	2.998	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.6910	2.972	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6889	2.981	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5063	5.120	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5074	5.119	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4907	5.155	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4970	5.086	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5022	5.129	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5022	5.110	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.5033	5.078	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.4968	5.017	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.4982	5.085	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9350	9.790	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9400	9.793	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9426	9.684	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9456	9.827	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9241	9.656	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9461	9.696	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.9469	9.748	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9298	9.780	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.9305	9.700	PASS

Test Graphs

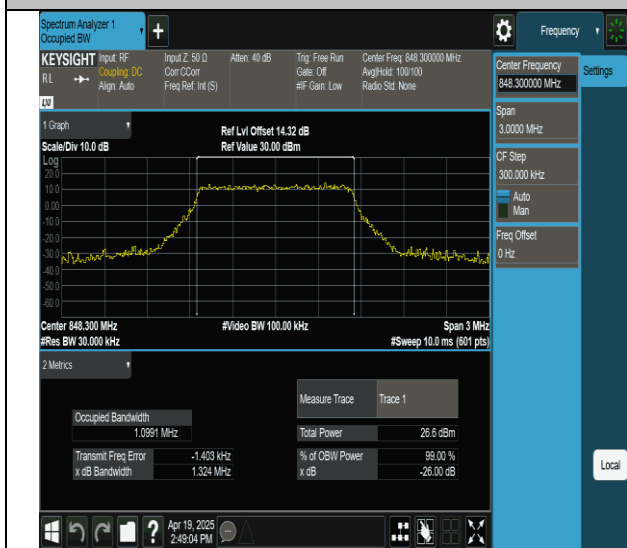




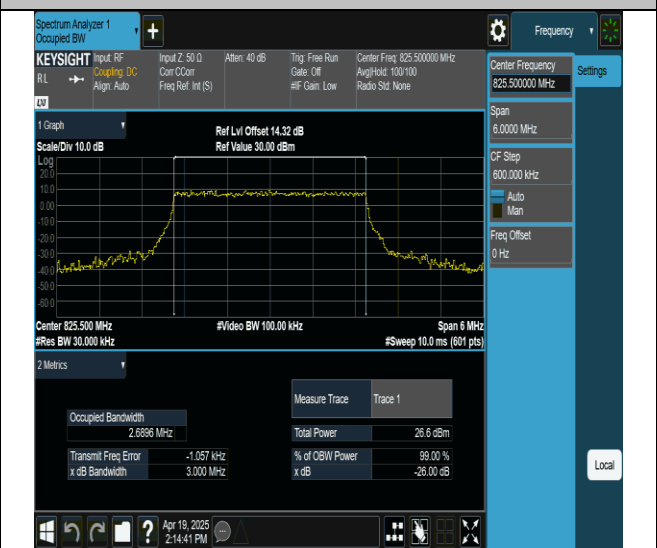
Band5-1.4MHz-64QAM-20407-6RB#0-PASS



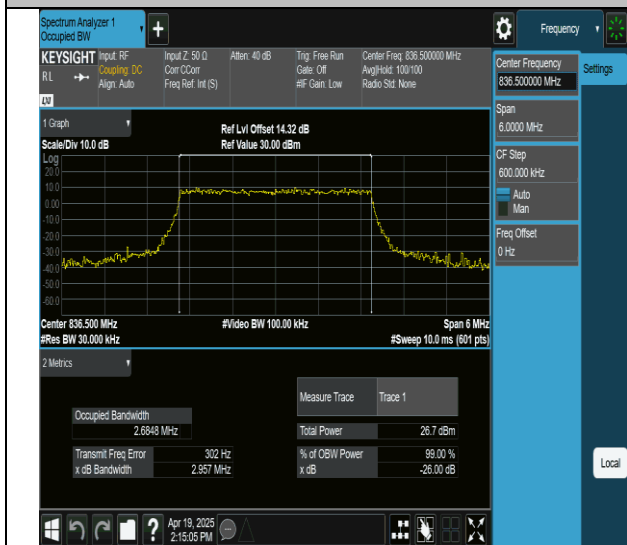
Band5-1.4MHz-64QAM-20525-6RB#0-PASS



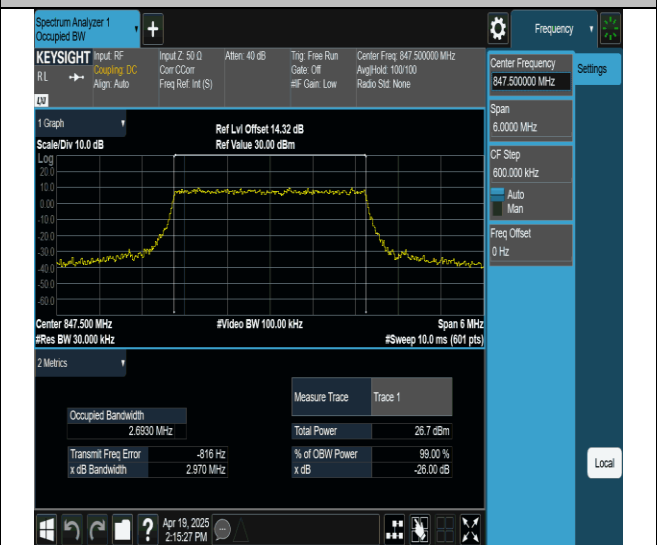
Band5-1.4MHz-64QAM-20643-6RB#0-PASS



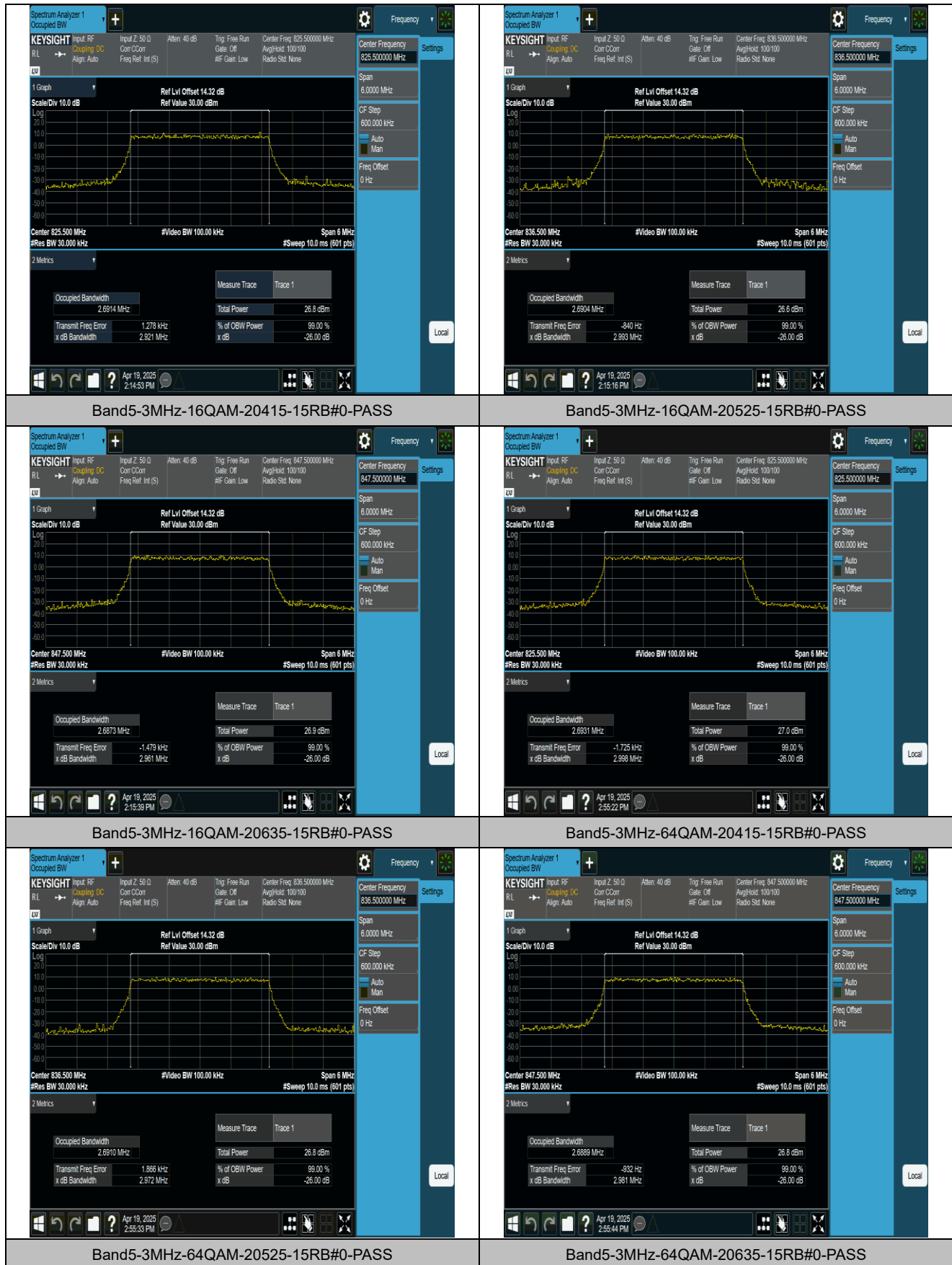
Band5-3MHz-QPSK-20415-15RB#0-PASS

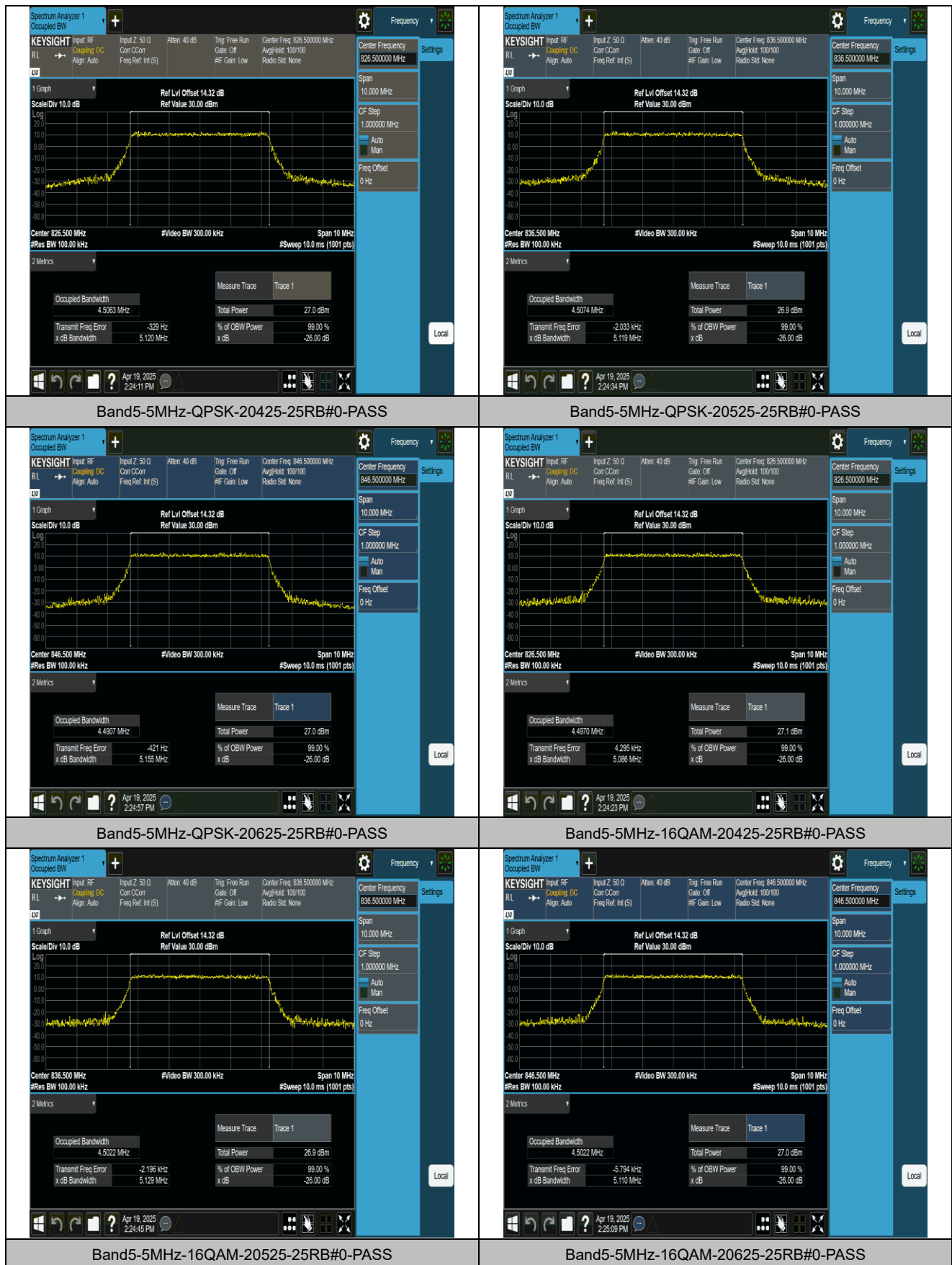


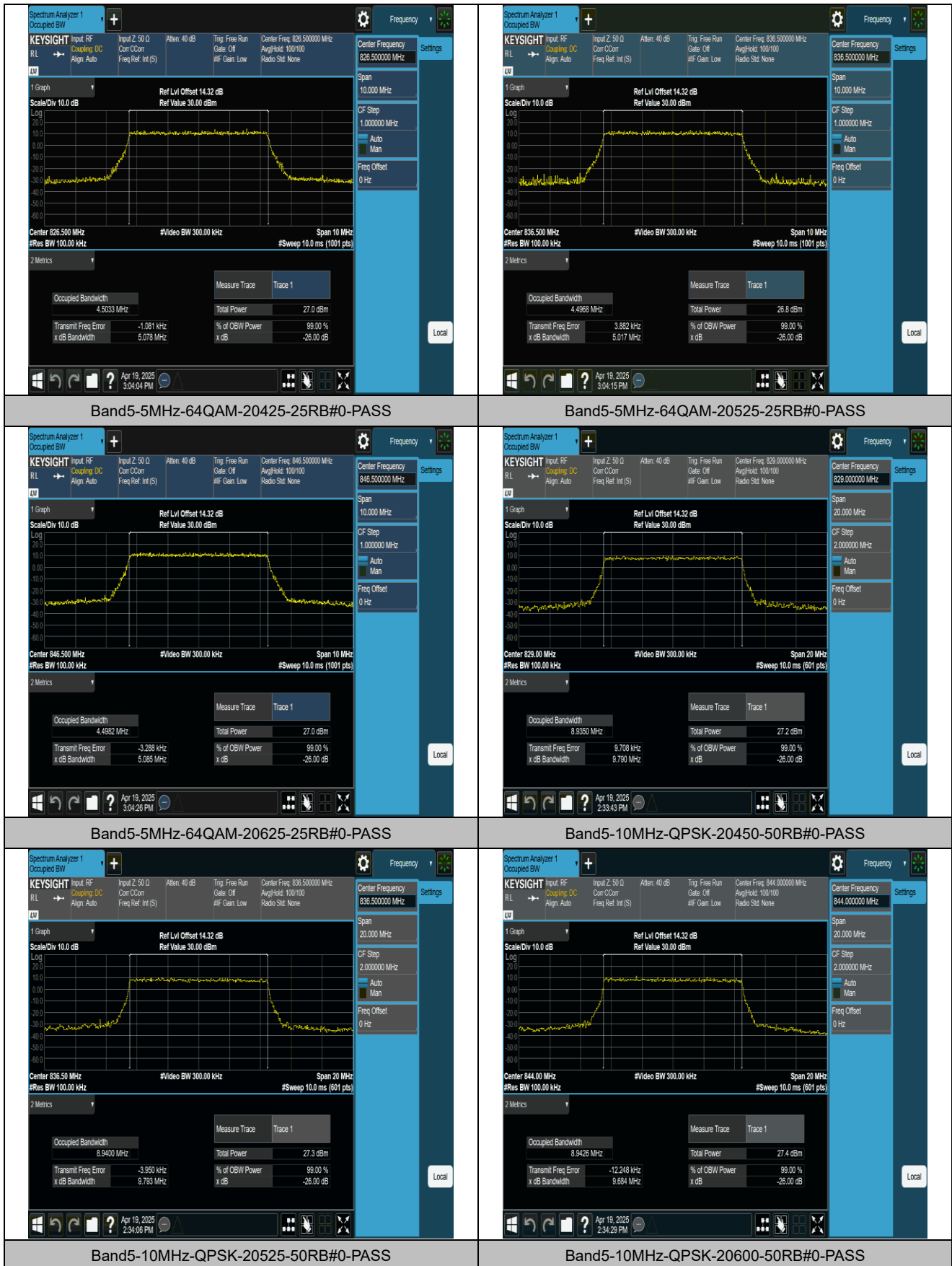
Band5-3MHz-QPSK-20525-15RB#0-PASS

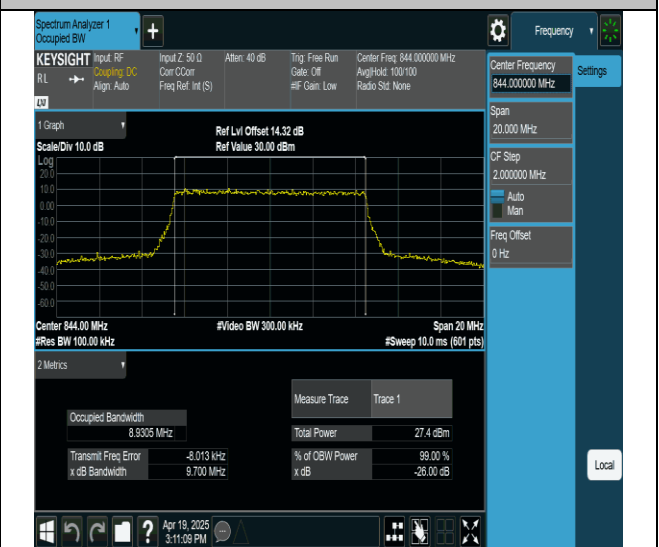
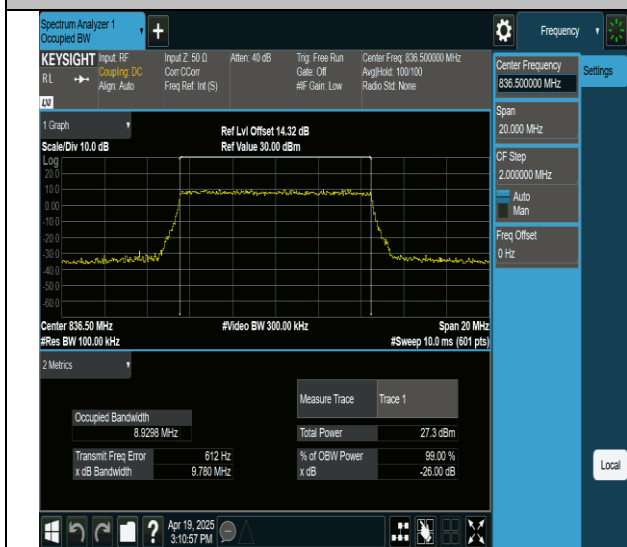
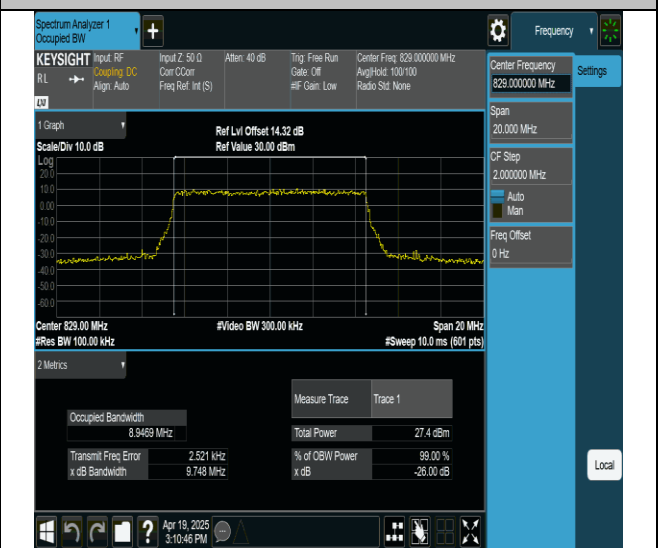
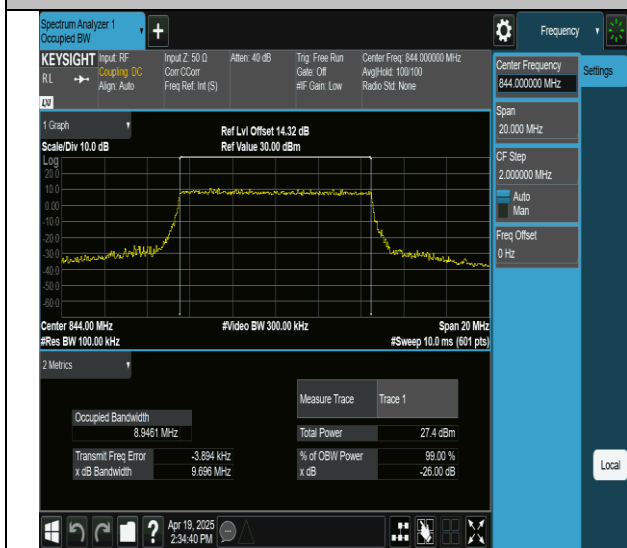
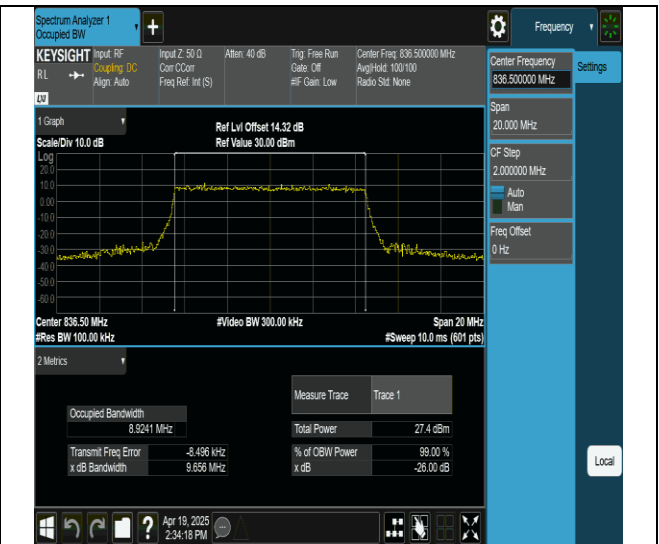
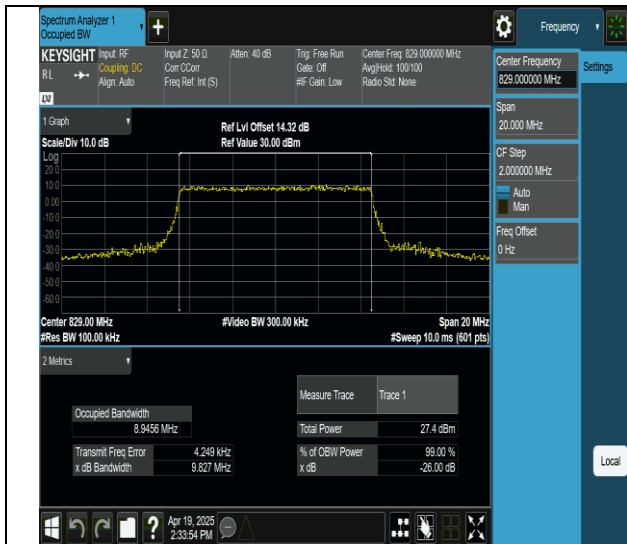


Band5-3MHz-QPSK-20635-15RB#0-PASS



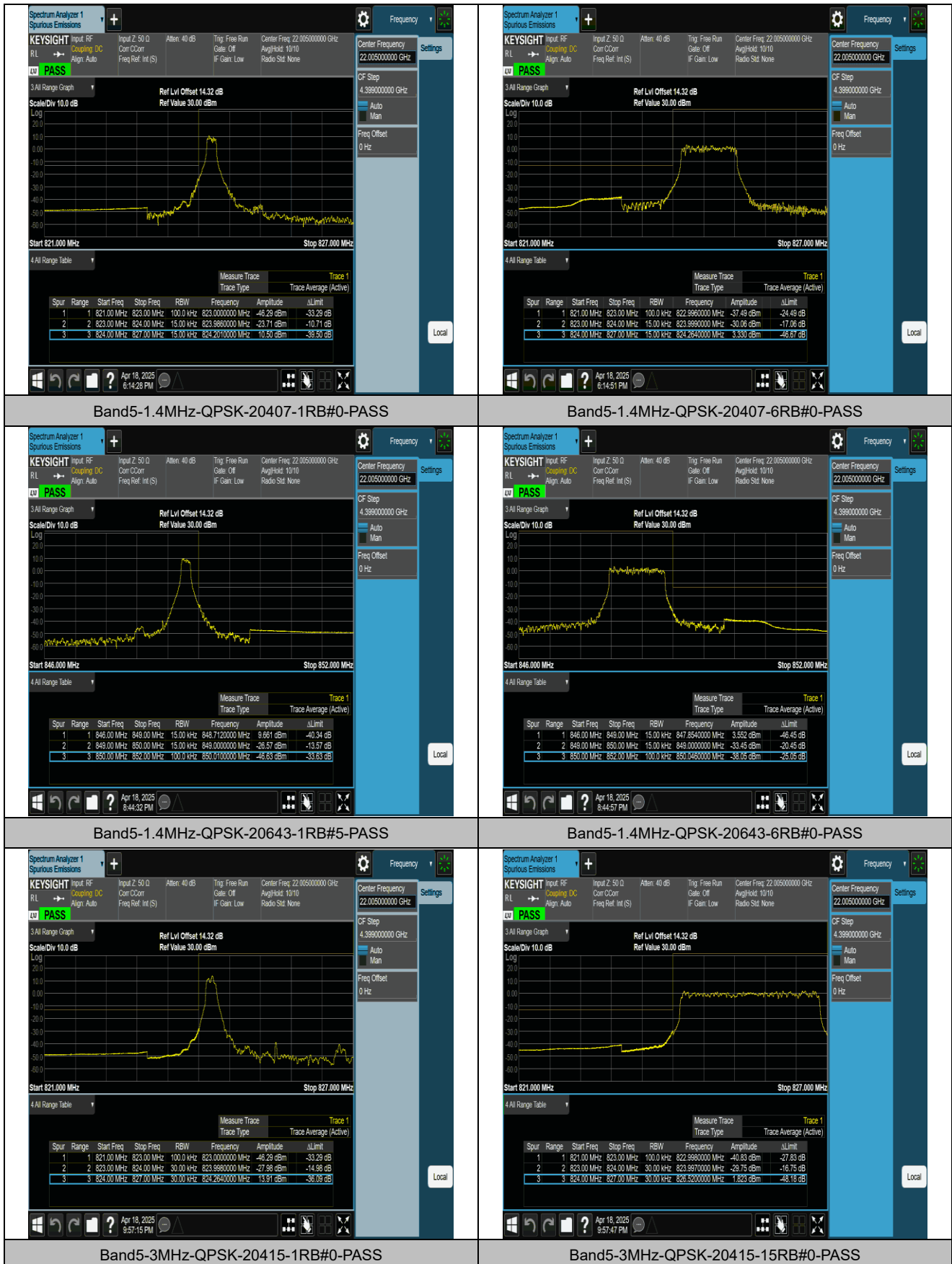


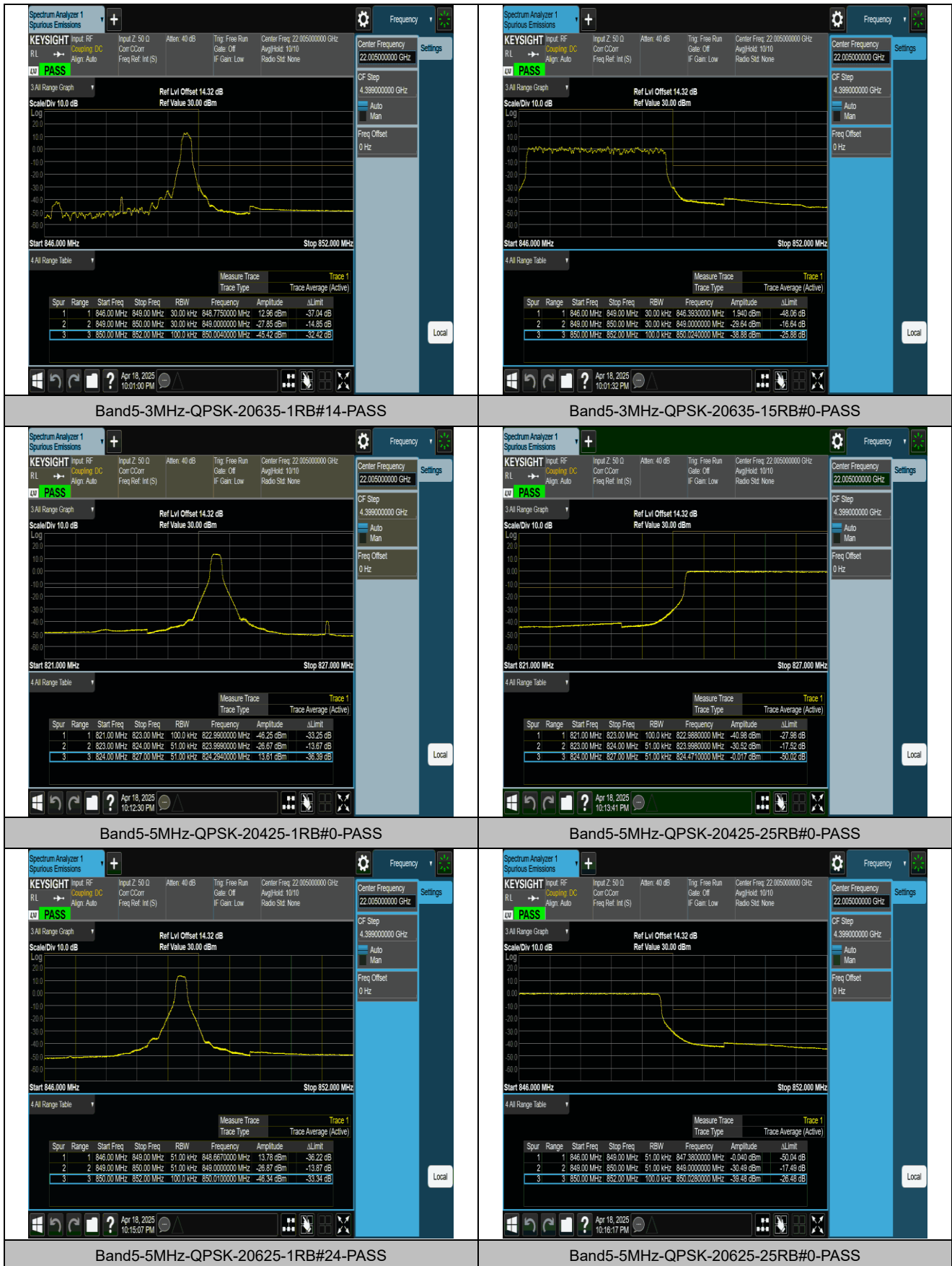


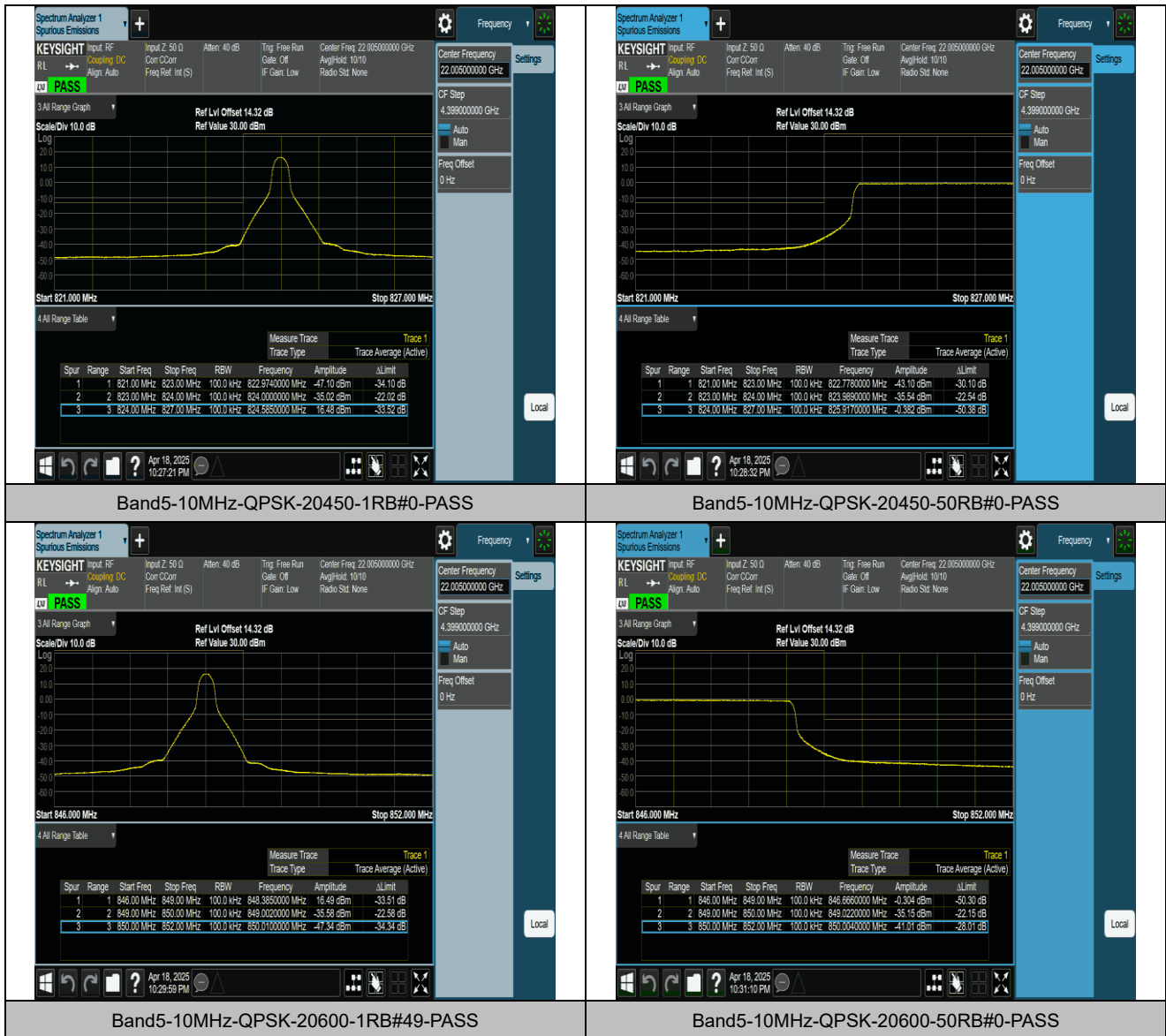


Band Edge

Test Graphs

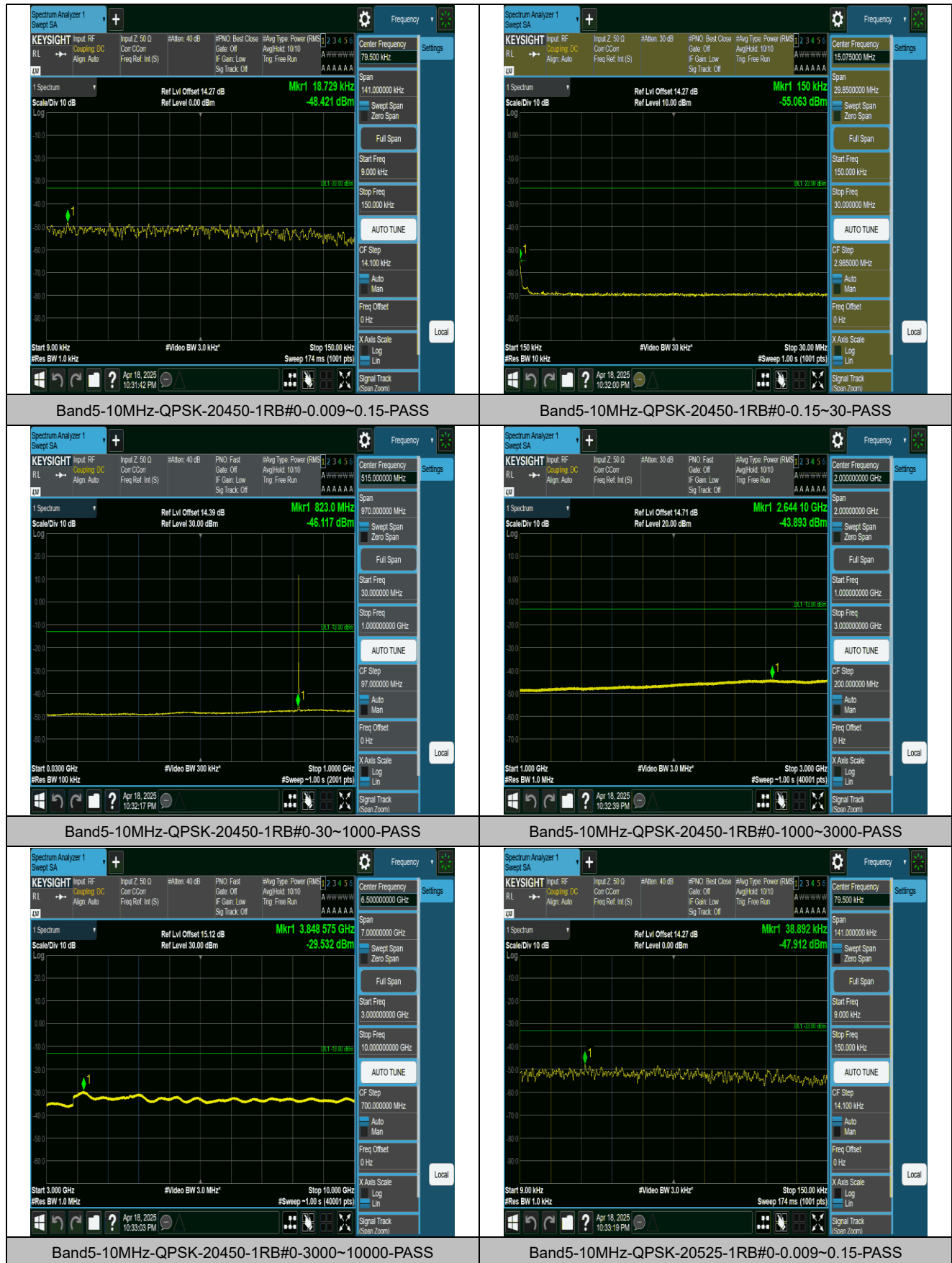




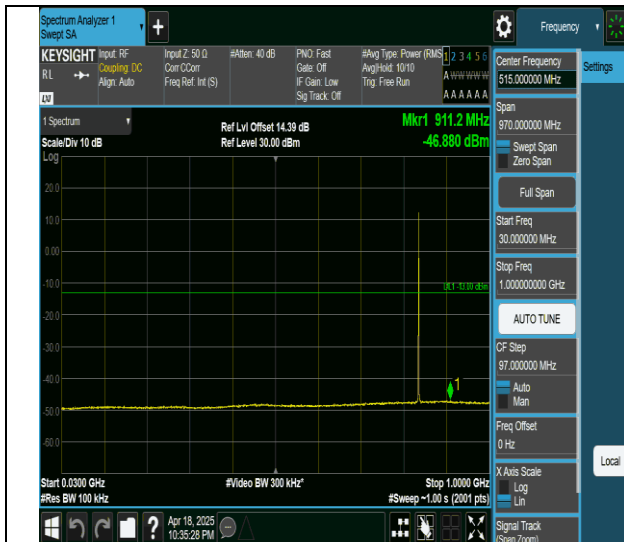


Conducted Spurious Emission

Test Graphs







Band5-10MHz-QPSK-20600-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20600-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20600-1RB#0-3000~10000-PASS

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	1.30	0.001554	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.50	-0.001793	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-0.10	-0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	0.30	0.000359	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-0.90	-0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.90	0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	0.40	0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	1.60	0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-2.10	-0.002510	±2.5	PASS

~The End~