

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	18.91	15.36	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	18.79	15.24	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	18.78	15.23	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#2	18.82	15.27	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	18.84	15.29	38.45	PASS
Band5	1.4MHz	QPSK	20407	15RB#0	18.74	15.19	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	18.90	15.35	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	18.84	15.29	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	18.74	15.19	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	18.82	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#2	18.86	15.31	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	18.81	15.26	38.45	PASS
Band5	1.4MHz	16QAM	20407	15RB#0	18.68	15.13	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	18.91	15.36	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	19.01	15.46	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	18.98	15.43	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	18.95	15.40	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#2	18.82	15.27	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	18.84	15.29	38.45	PASS
Band5	1.4MHz	64QAM	20407	15RB#0	18.76	15.21	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	19.04	15.49	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	18.81	15.26	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	18.87	15.32	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	18.87	15.32	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#2	18.80	15.25	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	18.72	15.17	38.45	PASS
Band5	1.4MHz	QPSK	20525	15RB#0	18.80	15.25	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	18.85	15.30	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	18.86	15.31	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	18.82	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	18.84	15.29	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#2	18.71	15.16	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	18.82	15.27	38.45	PASS
Band5	1.4MHz	16QAM	20525	15RB#0	18.80	15.25	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	18.88	15.33	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	18.95	15.40	38.45	PASS

Band5	1.4MHz	64QAM	20525	1RB#5	18.86	15.31	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	18.86	15.31	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#2	18.84	15.29	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	18.83	15.28	38.45	PASS
Band5	1.4MHz	64QAM	20525	15RB#0	18.64	15.09	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	18.86	15.31	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	18.76	15.21	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	18.74	15.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	18.90	15.35	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#2	18.85	15.30	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	18.89	15.34	38.45	PASS
Band5	1.4MHz	QPSK	20643	15RB#0	18.72	15.17	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	18.89	15.34	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	18.87	15.32	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	18.89	15.34	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	18.71	15.16	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#2	18.84	15.29	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	18.85	15.30	38.45	PASS
Band5	1.4MHz	16QAM	20643	15RB#0	18.74	15.19	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	18.93	15.38	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	18.98	15.43	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	18.84	15.29	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	18.82	15.27	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#2	18.70	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	18.76	15.21	38.45	PASS
Band5	1.4MHz	64QAM	20643	15RB#0	18.64	15.09	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	18.77	15.22	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#7	18.87	15.32	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	18.90	15.35	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	18.86	15.31	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	18.80	15.25	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	18.76	15.21	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	18.78	15.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	18.89	15.34	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#7	18.91	15.36	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	18.81	15.26	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	18.87	15.32	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	19.02	15.47	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	18.95	15.40	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	18.79	15.24	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	18.96	15.41	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#7	18.99	15.44	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	18.93	15.38	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	18.88	15.33	38.45	PASS

Band5	3MHz	64QAM	20415	8RB#4	18.73	15.18	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	18.74	15.19	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	18.72	15.17	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	19.07	15.52	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#7	19.04	15.49	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	18.87	15.32	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	18.87	15.32	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	18.93	15.38	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	18.80	15.25	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	18.81	15.26	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	18.87	15.32	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#7	18.81	15.26	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	18.88	15.33	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	18.87	15.32	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	18.90	15.35	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	18.87	15.32	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	18.80	15.25	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	18.99	15.44	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#7	19.00	15.45	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	19.02	15.47	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	18.89	15.34	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	18.79	15.24	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	18.85	15.30	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	18.76	15.21	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	18.81	15.26	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#7	18.81	15.26	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	18.87	15.32	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	18.85	15.30	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	18.84	15.29	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	18.78	15.23	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	18.79	15.24	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	18.89	15.34	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#7	18.80	15.25	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	18.79	15.24	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	18.81	15.26	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	18.84	15.29	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	18.95	15.40	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	18.68	15.13	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	18.98	15.43	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#7	19.01	15.46	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	18.94	15.39	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	18.70	15.15	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	18.76	15.21	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	18.85	15.30	38.45	PASS

Band5	3MHz	64QAM	20635	15RB#0	18.66	15.11	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	18.88	15.33	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#13	18.88	15.33	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#25	18.87	15.32	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	18.74	15.19	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	18.71	15.16	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	18.79	15.24	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	18.80	15.25	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	18.90	15.35	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#13	18.77	15.22	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#25	18.85	15.30	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	18.87	15.32	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	19.02	15.47	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	18.95	15.40	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	18.75	15.20	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	19.03	15.48	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#13	19.01	15.46	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#25	18.96	15.41	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	18.96	15.41	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	18.78	15.23	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	18.69	15.14	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	18.78	15.23	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	18.95	15.40	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#13	19.05	15.50	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#25	18.86	15.31	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	18.87	15.32	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	18.87	15.32	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	18.81	15.26	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	18.85	15.30	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	18.89	15.34	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#13	18.92	15.37	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#25	18.78	15.23	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	18.88	15.33	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	18.90	15.35	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	18.96	15.41	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	18.89	15.34	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	19.00	15.45	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#13	19.01	15.46	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#25	19.03	15.48	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	18.92	15.37	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	18.77	15.22	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	18.86	15.31	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	18.81	15.26	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	18.89	15.34	38.45	PASS

Band5	5MHz	QPSK	20625	1RB#13	18.80	15.25	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#25	18.73	15.18	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	18.82	15.27	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	18.90	15.35	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	18.81	15.26	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	18.80	15.25	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	18.98	15.43	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#13	18.84	15.29	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#25	18.87	15.32	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	18.83	15.28	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	18.74	15.19	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	18.93	15.38	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	18.75	15.20	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	18.97	15.42	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#13	19.01	15.46	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#25	18.98	15.43	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	18.83	15.28	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	18.86	15.31	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	18.85	15.30	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	18.73	15.18	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	18.96	15.41	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#25	19.10	15.55	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#50	19.06	15.51	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	18.90	15.35	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#13	18.84	15.29	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	18.87	15.32	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	18.73	15.18	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	18.96	15.41	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#25	18.84	15.29	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#50	18.90	15.35	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	18.84	15.29	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#13	19.01	15.46	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	18.95	15.40	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	18.85	15.30	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	19.10	15.55	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#25	19.06	15.51	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#50	18.99	15.44	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	18.97	15.42	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#13	18.78	15.23	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	18.84	15.29	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	18.74	15.19	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	19.06	15.51	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#25	19.13	15.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#50	19.10	15.55	38.45	PASS

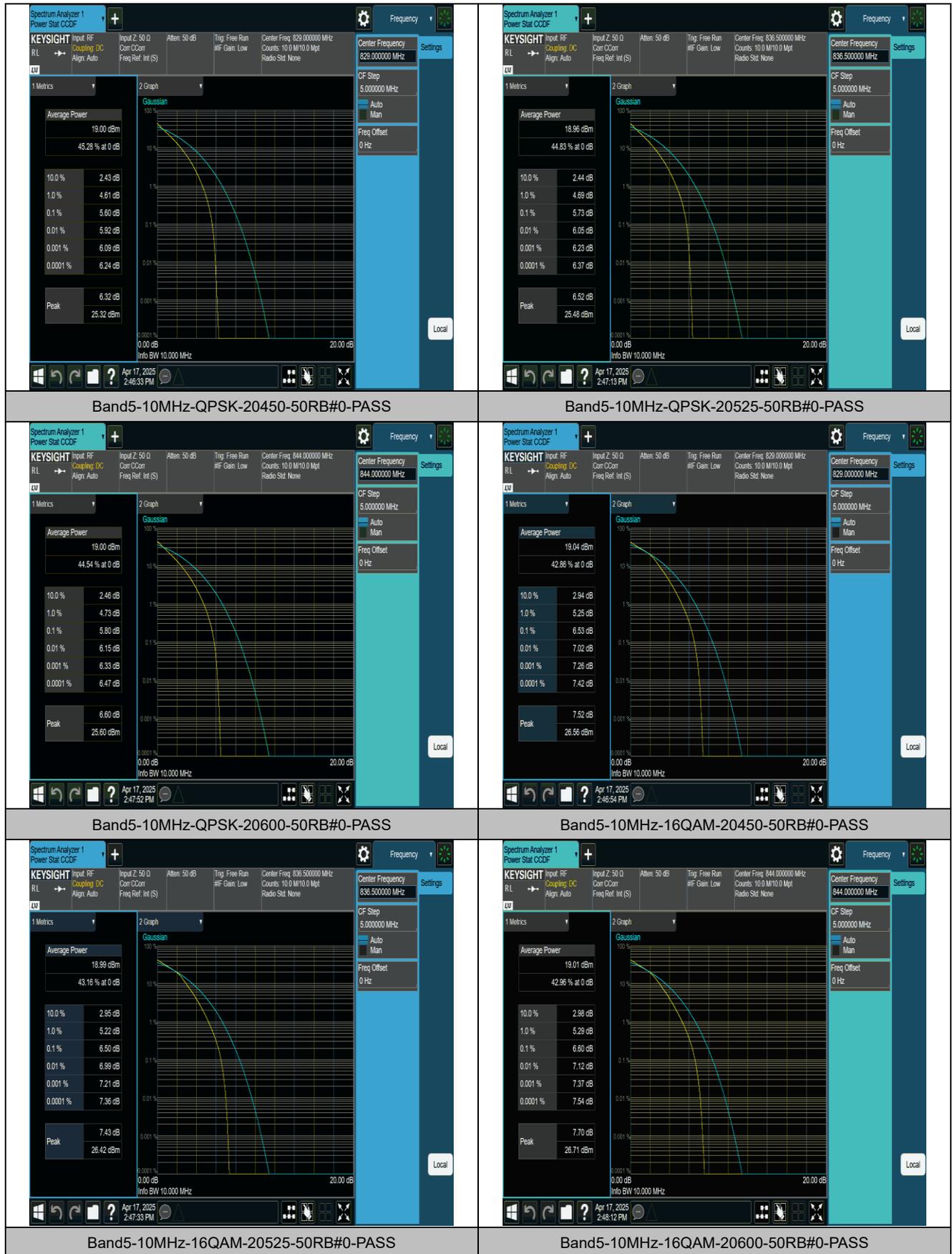
Band5	10MHz	QPSK	20525	25RB#0	18.92	15.37	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#13	18.88	15.33	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	18.85	15.30	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	18.78	15.23	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	18.87	15.32	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#25	18.85	15.30	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#50	18.79	15.24	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	18.78	15.23	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#13	18.76	15.21	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	18.82	15.27	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	18.83	15.28	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	18.99	15.44	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#25	18.95	15.40	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#50	18.94	15.39	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	18.83	15.28	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#13	18.80	15.25	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	18.83	15.28	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	18.86	15.31	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	18.89	15.34	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#25	19.09	15.54	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#50	19.03	15.48	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	18.88	15.33	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#13	18.86	15.31	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	18.84	15.29	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	18.79	15.24	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	18.87	15.32	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#25	18.89	15.34	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#50	18.84	15.29	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	18.93	15.38	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#13	18.88	15.33	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	18.92	15.37	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	18.85	15.30	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	19.08	15.53	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#25	19.10	15.55	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#50	18.99	15.44	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	18.90	15.35	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#13	18.80	15.25	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	18.86	15.31	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	18.71	15.16	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	5.60	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.73	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.80	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.53	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.50	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.60	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.82	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.77	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.88	13	PASS

Test Graphs





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



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



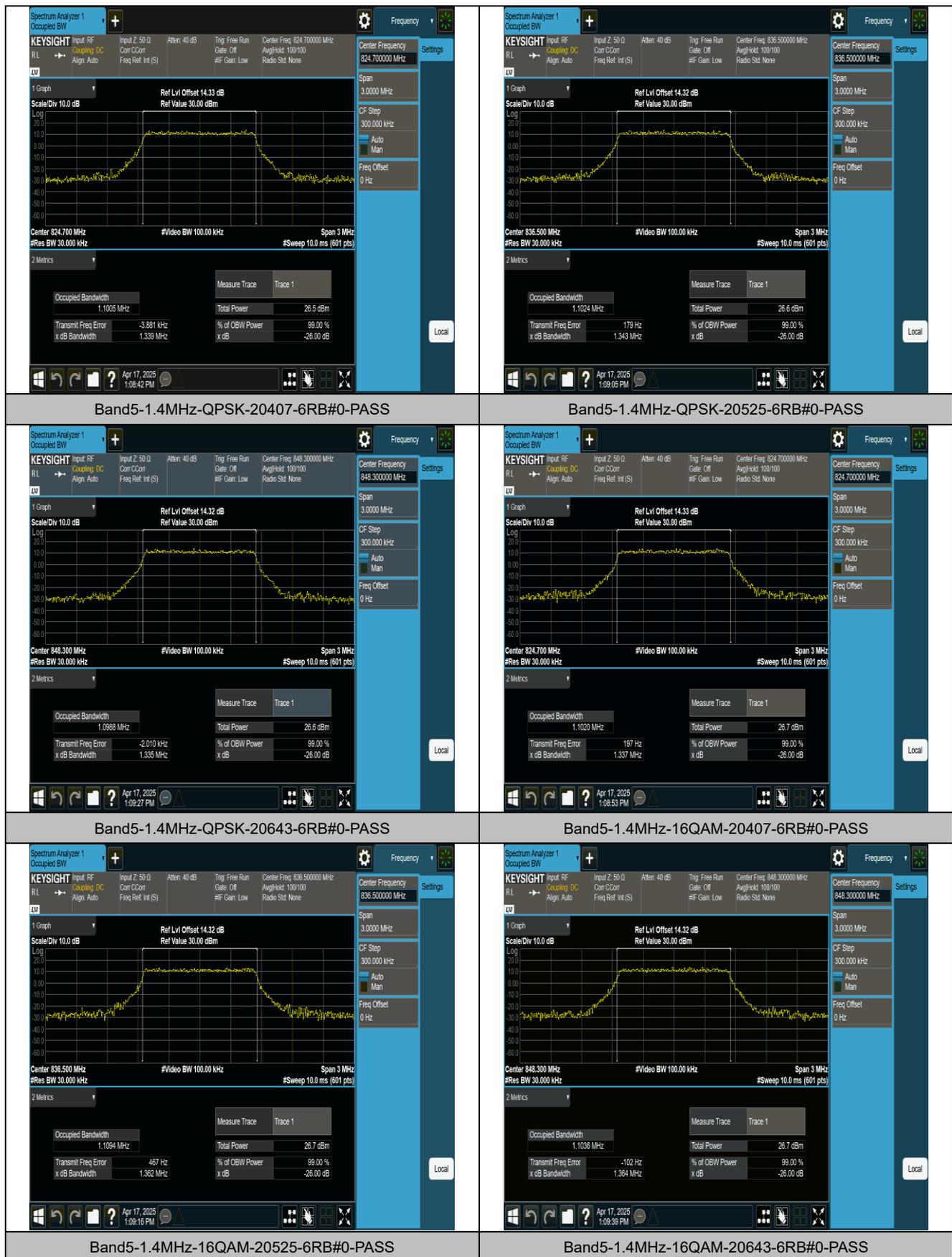
Band5-10MHz-64QAM-20600-50RB#0-PASS

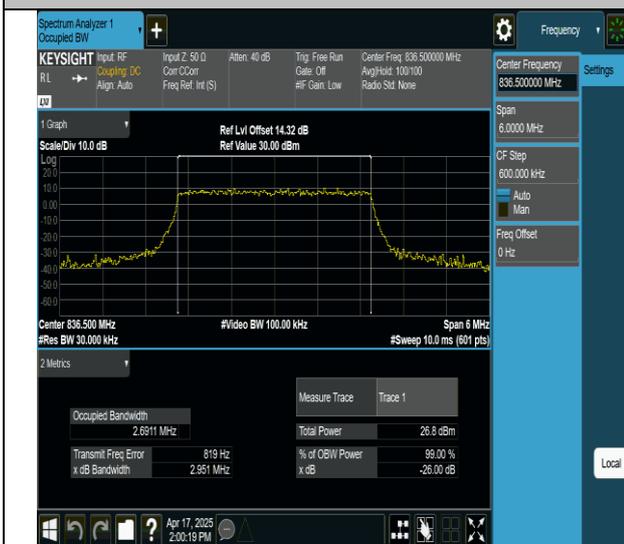
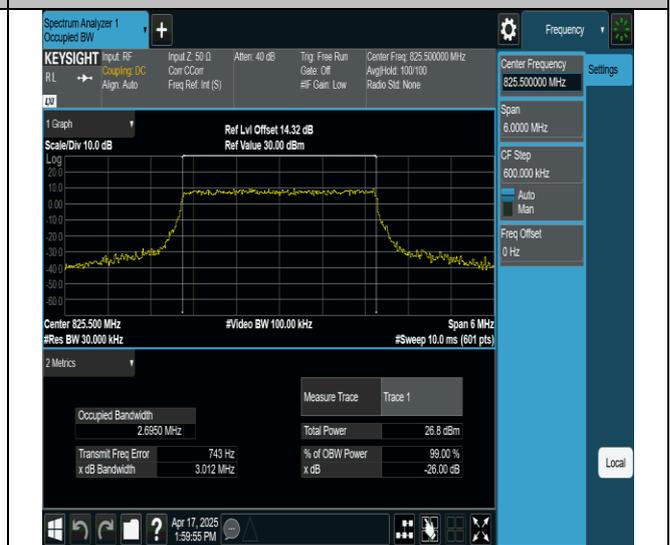
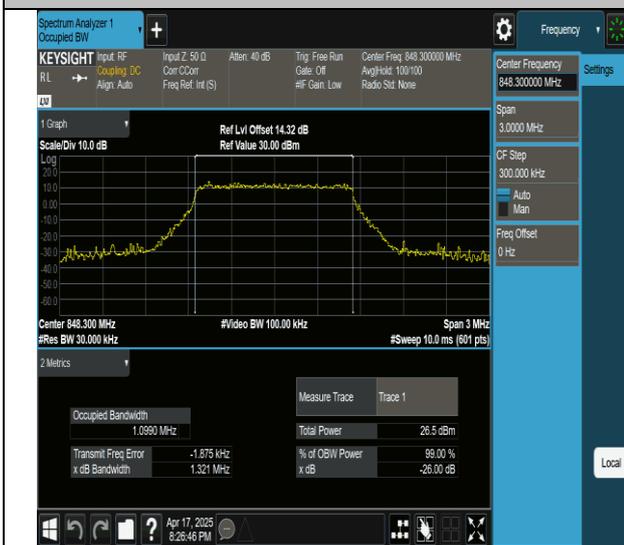
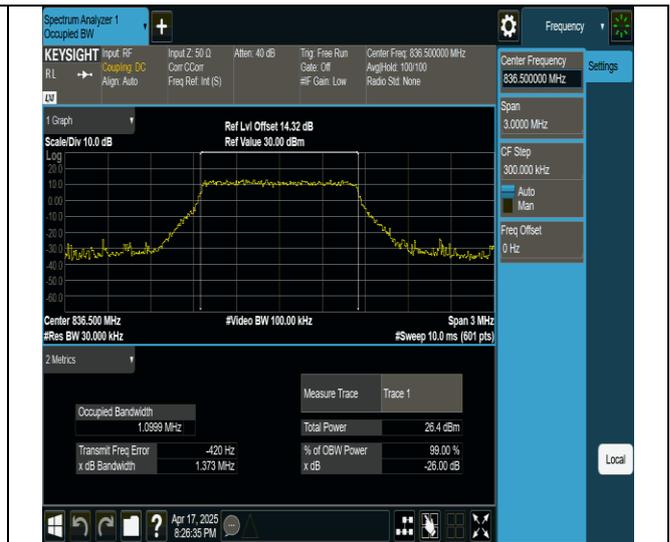
26dB Bandwidth and Occupied Bandwidth

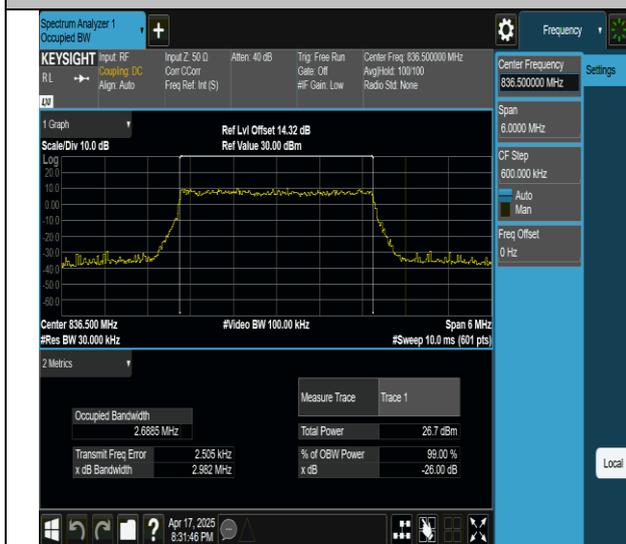
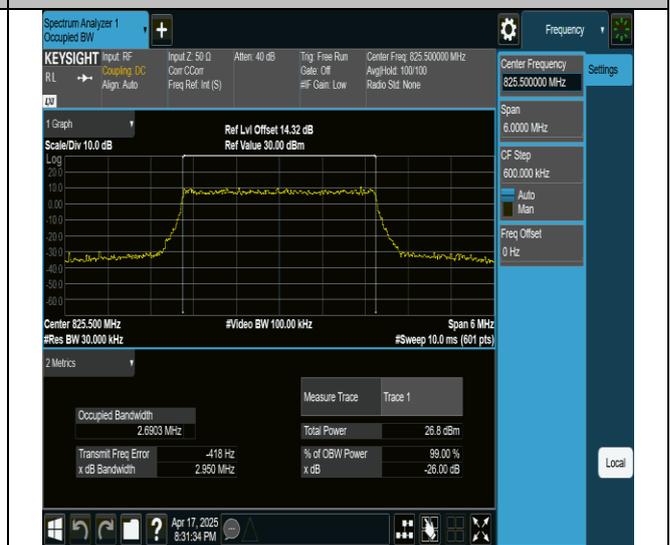
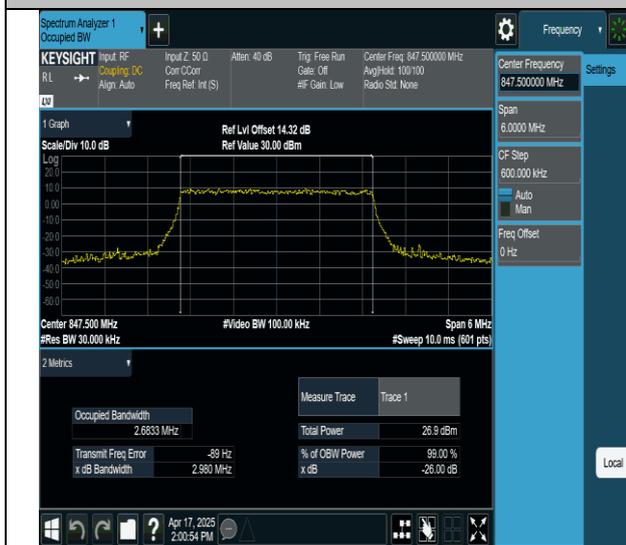
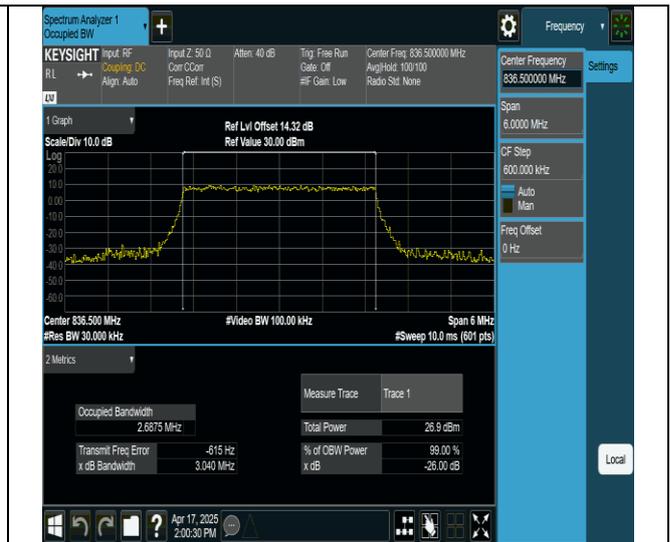
Test Result

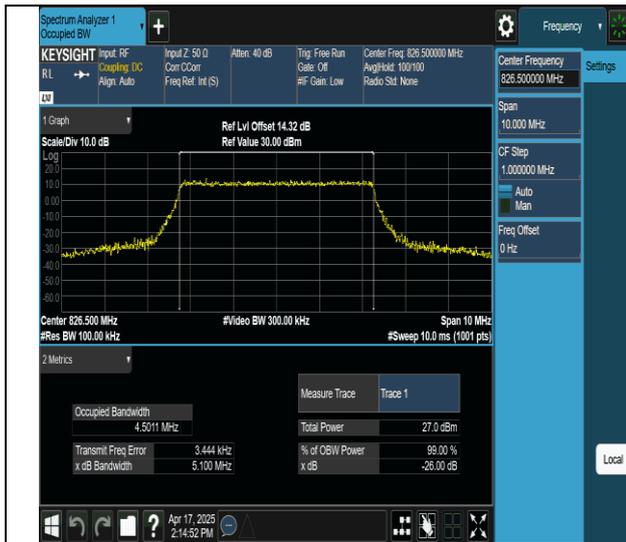
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1005	1.339	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1024	1.343	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0988	1.335	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1020	1.337	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1094	1.362	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1036	1.364	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.1022	1.354	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0999	1.373	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0990	1.321	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6950	3.012	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6911	2.951	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6836	2.968	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6847	2.961	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6875	3.040	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6833	2.980	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.6903	2.950	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.6885	2.982	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6888	2.973	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5011	5.100	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4985	5.054	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5179	5.088	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5145	5.155	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4987	5.101	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5073	5.116	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.4965	5.181	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.5031	5.031	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.5019	5.165	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9510	9.627	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9537	9.727	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9492	9.703	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9524	9.788	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9546	9.751	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9398	9.668	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.9502	9.761	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9565	9.613	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.9463	9.807	PASS

Test Graphs





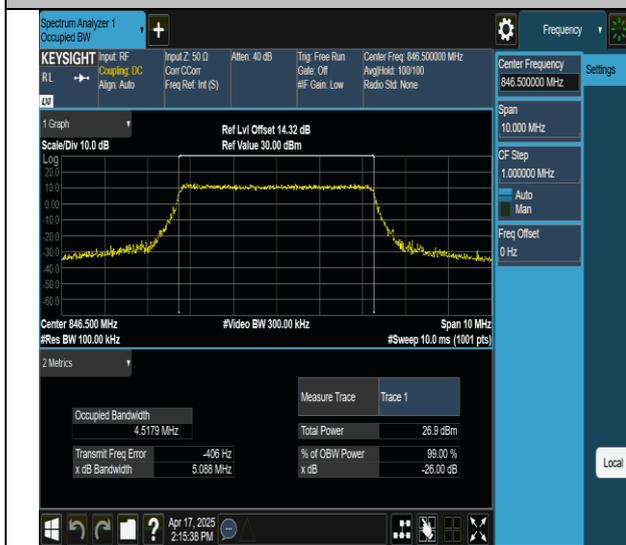




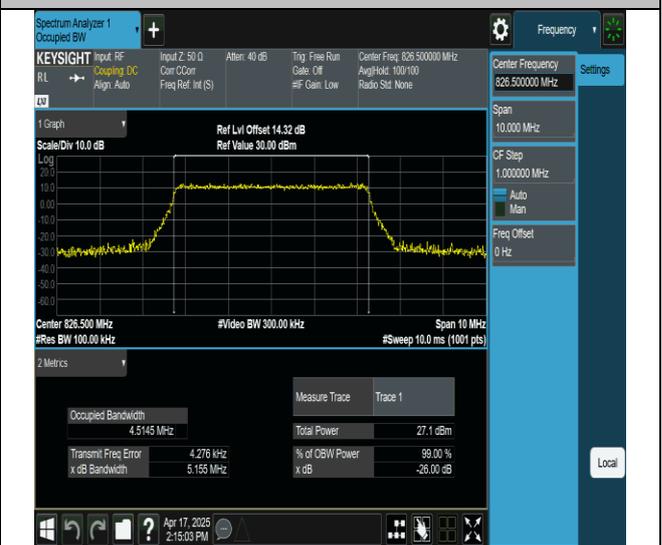
Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-QPSK-20525-25RB#0-PASS



Band5-5MHz-QPSK-20625-25RB#0-PASS



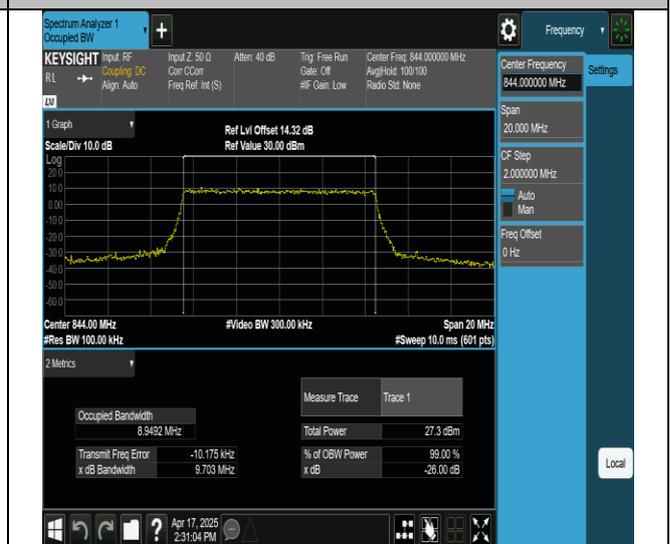
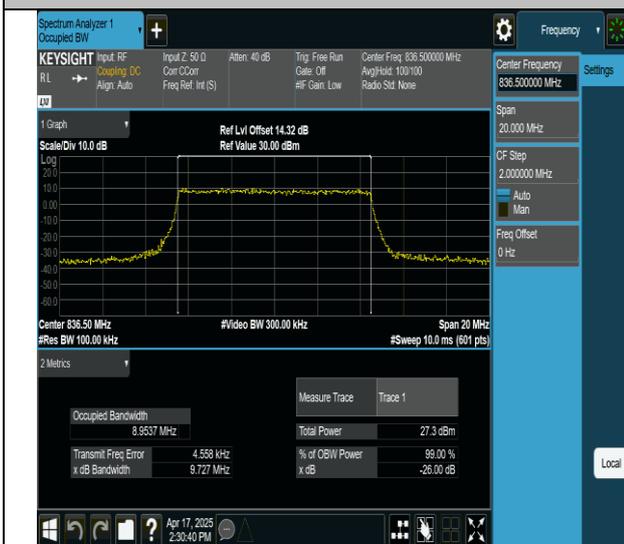
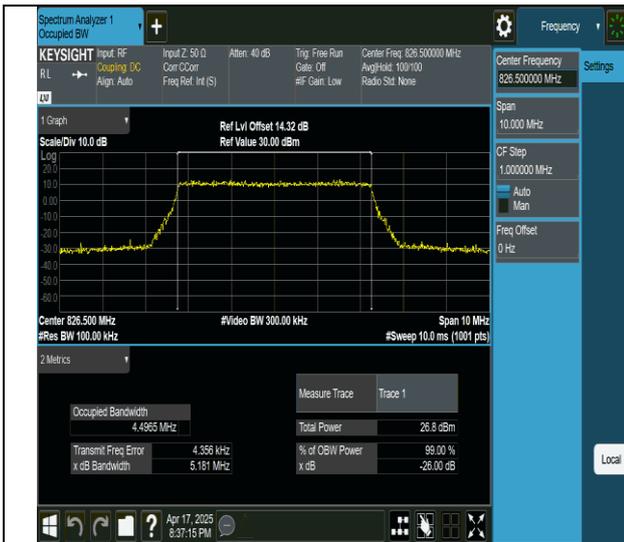
Band5-5MHz-16QAM-20425-25RB#0-PASS

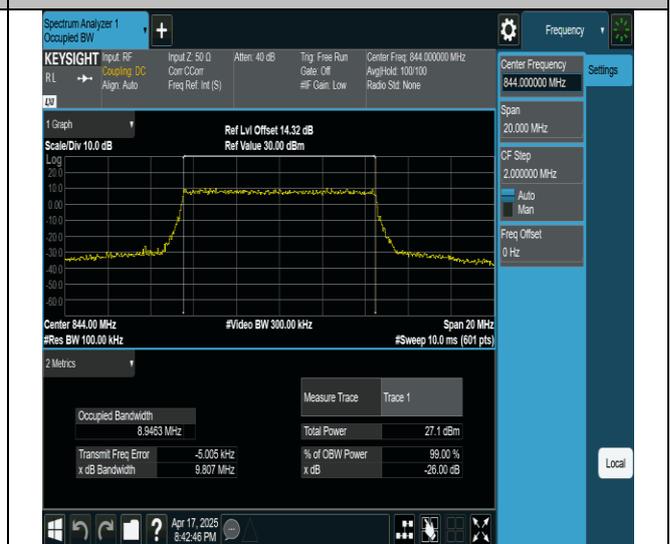
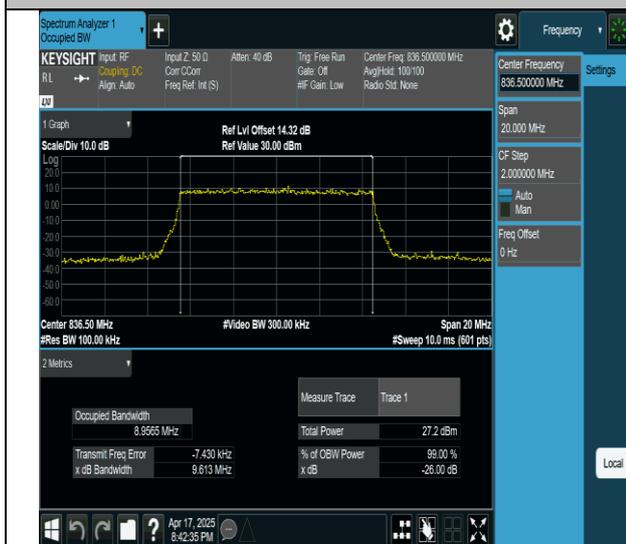
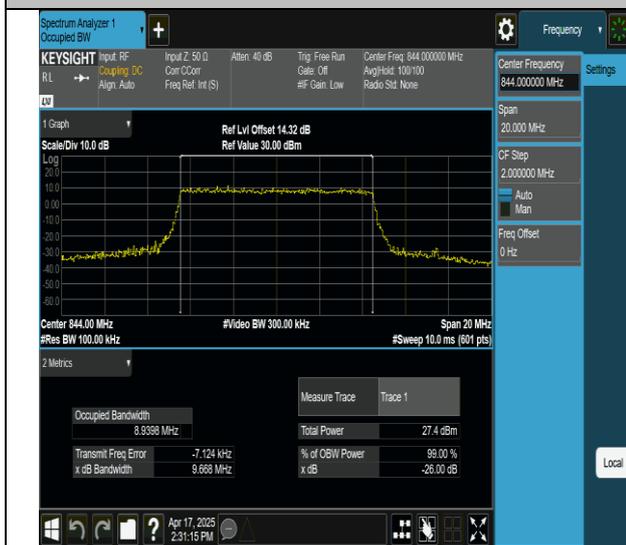


Band5-5MHz-16QAM-20525-25RB#0-PASS



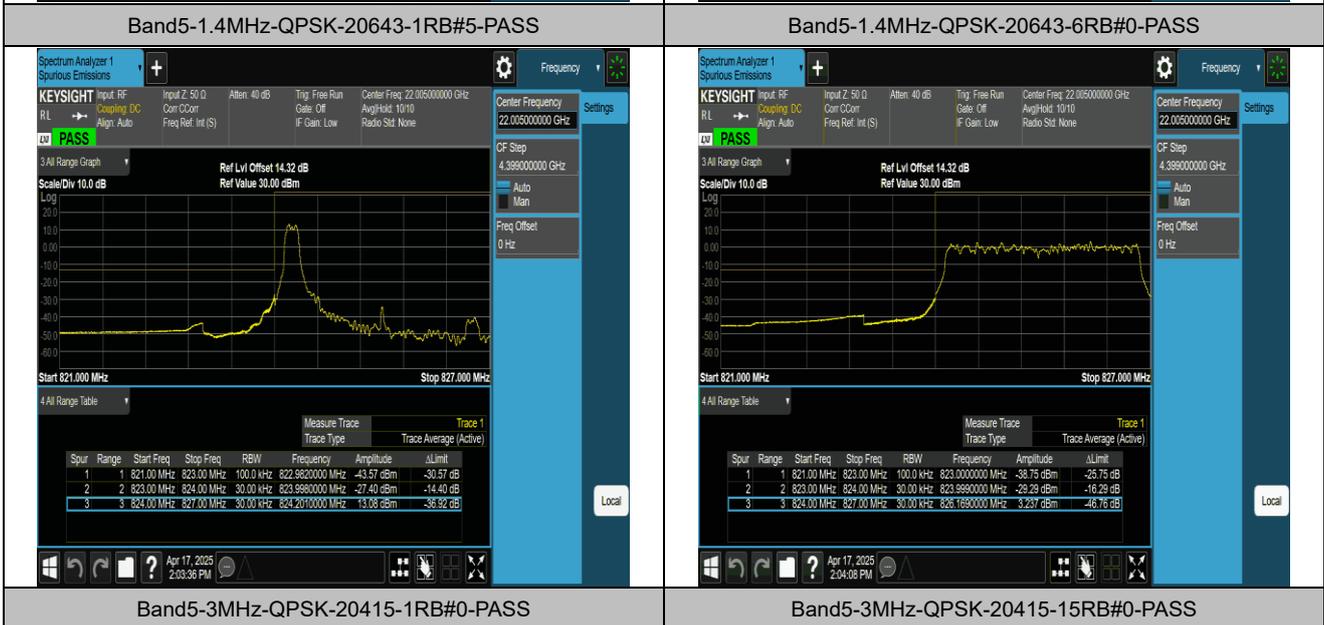
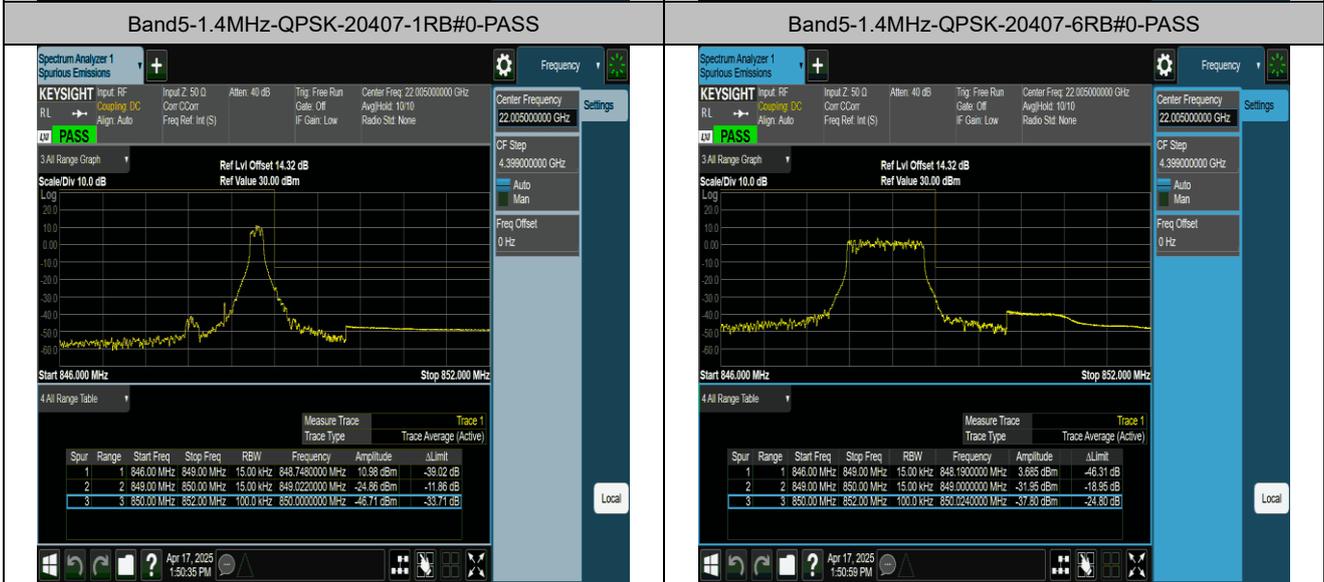
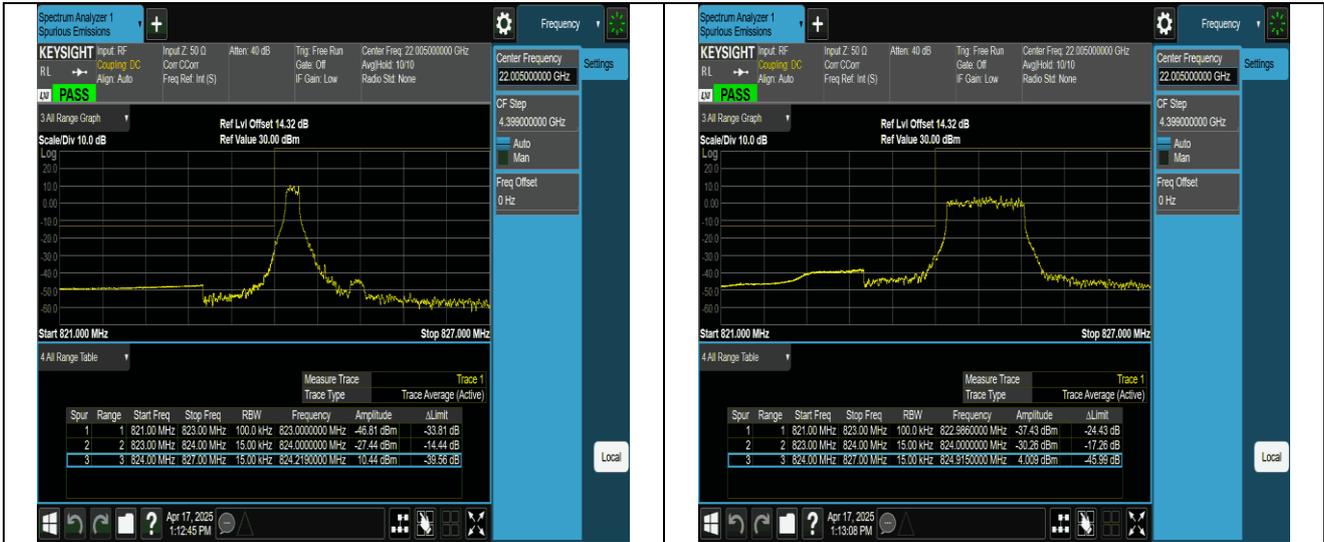
Band5-5MHz-16QAM-20625-25RB#0-PASS

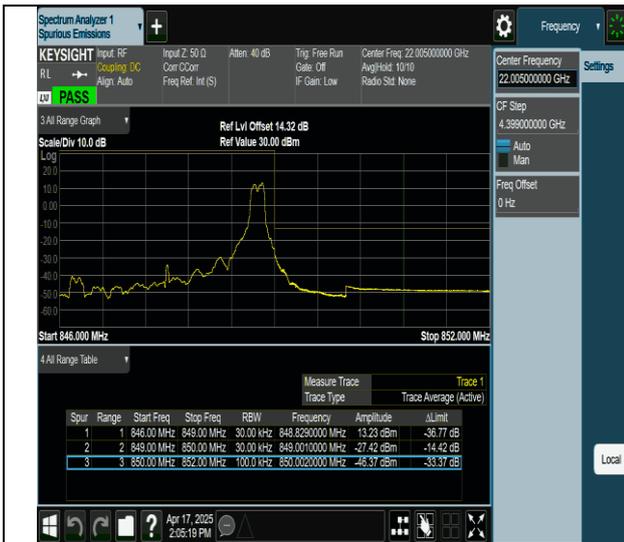




Band Edge

Test Graphs

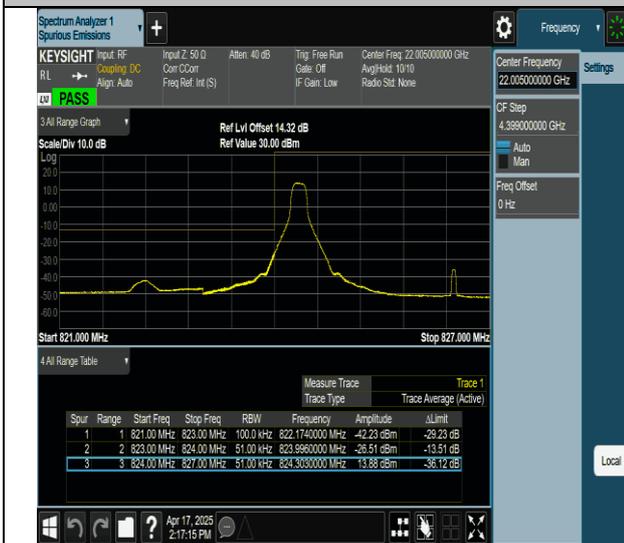




Band5-3MHz-QPSK-20635-1RB#14-PASS



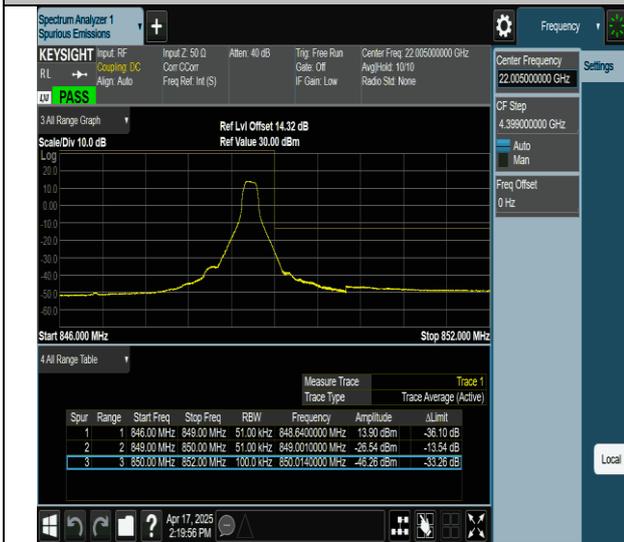
Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-5MHz-QPSK-20425-1RB#0-PASS



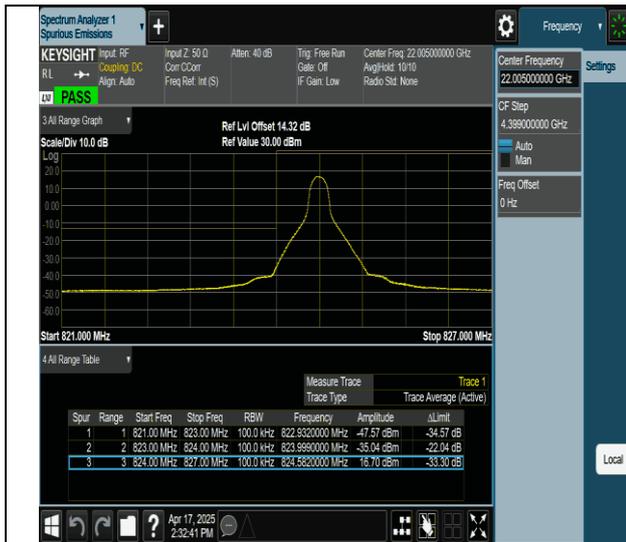
Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-QPSK-20625-1RB#24-PASS



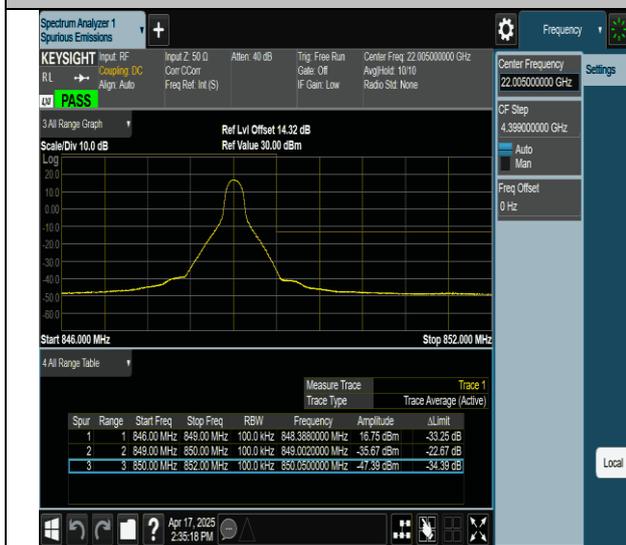
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Band5-10MHz-QPSK-20450-1RB#0-PASS



Band5-10MHz-QPSK-20450-50RB#0-PASS



Band5-10MHz-QPSK-20600-1RB#49-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS

Conducted Spurious Emission

Test Graphs



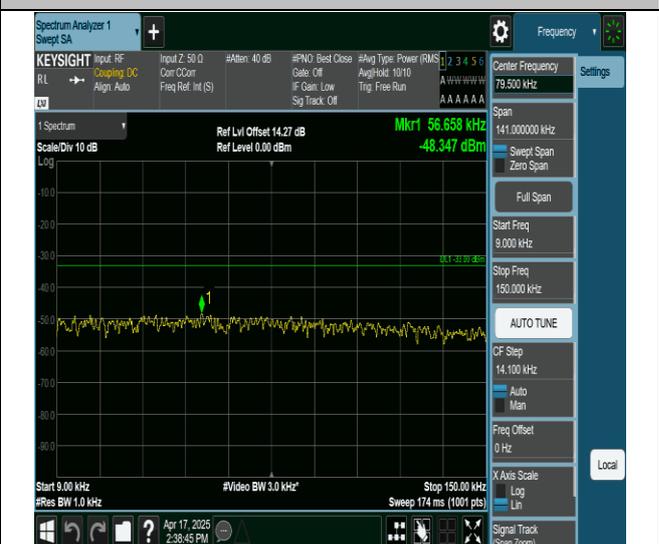
Band5-10MHz-QPSK-20450-1RB#0-0.009~0.15-PASS

Band5-10MHz-QPSK-20450-1RB#0-0.15~30-PASS



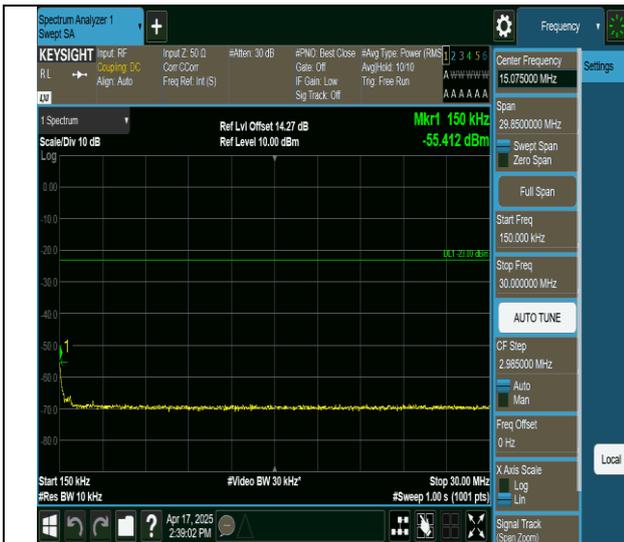
Band5-10MHz-QPSK-20450-1RB#0-30~1000-PASS

Band5-10MHz-QPSK-20450-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20450-1RB#0-3000~10000-PASS

Band5-10MHz-QPSK-20525-1RB#0-0.009~0.15-PASS





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	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	0.60	0.000717	±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	0.50	0.000598	±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	-10	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	3.00	0.003586	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-2.00	-0.002391	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-0.30	-0.000359	±2.5	PASS

~The End~