

Appendix-B 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	23.59	17.64	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.73	17.78	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.66	17.71	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.73	17.78	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.65	17.7	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.69	17.74	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.53	17.58	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.58	17.63	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.37	18.42	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.6	18.65	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	25.02	19.07	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	24.65	18.7	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.4	17.45	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.7	17.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.58	17.63	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.73	16.78	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.6	17.65	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.75	17.8	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.36	17.41	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.54	16.59	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	24.38	18.43	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.55	18.6	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	24.08	18.13	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	23.54	17.59	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.77	16.82	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.75	16.8	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	22.77	16.82	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.55	15.6	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.72	16.77	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.66	16.71	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.66	16.71	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.53	15.58	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	23.4	17.45	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	23.64	17.69	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	23.77	17.82	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	22.48	16.53	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	19.44	13.49	38.45	PASS

Band5	1.4MHz	256QAM	20407	1RB#2	19.49	13.54	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	19.81	13.86	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	19.56	13.61	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	19.25	13.3	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	19.2	13.25	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	19.75	13.8	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	19.64	13.69	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	20.45	14.5	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	20.5	14.55	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	20.39	14.44	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	20.33	14.38	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.55	17.6	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.7	17.75	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.74	17.79	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.76	17.81	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.67	17.72	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.59	17.64	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.39	17.44	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.53	17.58	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.76	17.81	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.34	18.39	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.85	18.9	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	24.28	18.33	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.42	17.47	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.53	17.58	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.75	17.8	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.67	16.72	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.58	17.63	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.65	17.7	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.45	17.5	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.6	16.65	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.79	17.84	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	24.37	18.42	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.96	18.01	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	23.24	17.29	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.8	16.85	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.7	16.75	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.79	16.84	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	21.55	15.6	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.78	16.83	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.84	16.89	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.62	16.67	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	21.56	15.61	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.64	16.69	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	23.33	17.38	38.45	PASS

Band5	3MHz	64QAM	20635	1RB#14	23.93	17.98	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	21.93	15.98	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	19.63	13.68	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	19.59	13.64	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	19.91	13.96	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	19.62	13.67	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	19.76	13.81	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	19.87	13.92	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	19.4	13.45	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	19.58	13.63	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	19.9	13.95	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	19.86	13.91	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	20.61	14.66	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	20.06	14.11	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.6	17.65	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.77	17.82	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.67	17.72	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.75	17.8	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.7	17.75	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.61	17.66	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.4	17.45	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.48	17.53	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.54	17.59	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.86	17.91	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.92	18.97	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.96	18.01	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.48	17.53	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.63	17.68	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.63	17.68	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.68	16.73	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.71	17.76	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.61	17.66	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.49	17.54	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.49	16.54	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.36	17.41	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.95	18	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.95	18	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.95	17	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.85	16.9	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.96	17.01	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.52	16.57	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.61	15.66	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.75	16.8	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	23.02	17.07	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.62	16.67	38.45	PASS

Band5	5MHz	64QAM	20525	25RB#0	21.59	15.64	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.76	16.81	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	23.13	17.18	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	23.88	17.93	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	21.79	15.84	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	19.92	13.97	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	19.96	14.01	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	19.84	13.89	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	19.68	13.73	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	19.76	13.81	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	19.8	13.85	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	19.23	13.28	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	19.62	13.67	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	19.56	13.61	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	19.6	13.65	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	20.56	14.61	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	19.9	13.95	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.61	17.66	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.63	17.68	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.7	17.75	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.72	17.77	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.76	17.81	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.53	17.58	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.3	17.35	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.47	17.52	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.34	17.39	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.56	17.61	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.72	18.77	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.63	17.68	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.47	17.52	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.54	17.59	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.64	17.69	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.73	16.78	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.55	17.6	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.68	17.73	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.27	17.32	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.53	16.58	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.26	17.31	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.6	17.65	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	24.36	18.41	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.62	16.67	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.79	16.84	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	23.06	17.11	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.65	16.7	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.62	15.67	38.45	PASS

Band5	10MHz	64QAM	20525	1RB#0	22.84	16.89	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.86	16.91	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.4	16.45	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	21.52	15.57	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.62	16.67	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.77	16.82	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	23.52	17.57	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	21.51	15.56	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	19.56	13.61	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	19.76	13.81	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	19.8	13.85	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	19.74	13.79	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	19.72	13.77	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	19.92	13.97	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	19.23	13.28	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	19.67	13.72	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	19.62	13.67	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	19.67	13.72	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	20.31	14.36	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	19.64	13.69	38.45	PASS

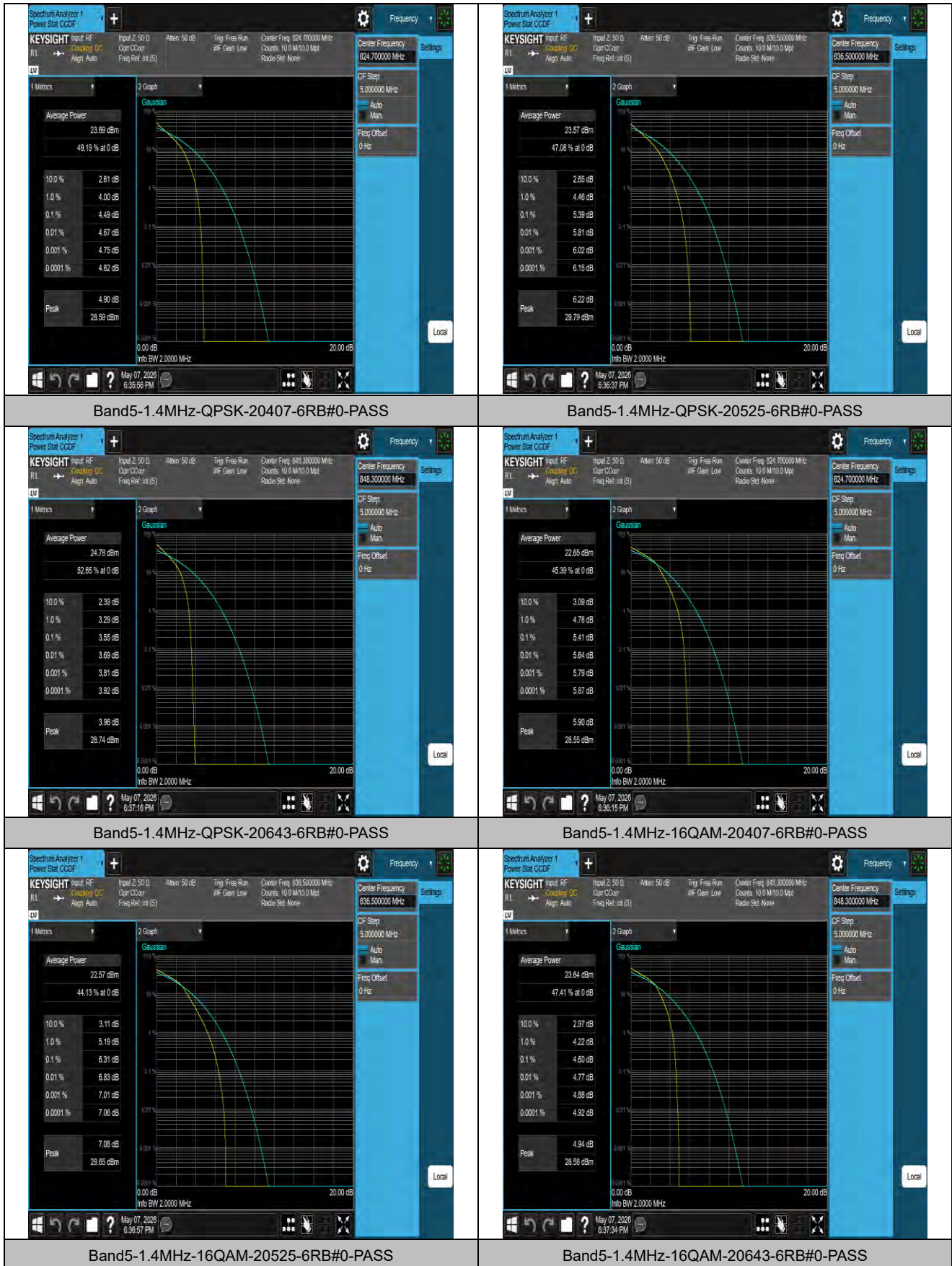
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.49	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.39	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.55	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.41	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.31	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.60	13	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	6.12	13	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	6.72	13	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	5.62	13	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	6.89	13	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	9.42	13	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	6.64	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.99	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.53	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.80	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.78	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.35	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.62	13	PASS
Band5	3MHz	64QAM	20415	15RB#0	6.39	13	PASS
Band5	3MHz	64QAM	20525	15RB#0	6.75	13	PASS
Band5	3MHz	64QAM	20635	15RB#0	6.24	13	PASS
Band5	3MHz	256QAM	20415	15RB#0	6.90	13	PASS
Band5	3MHz	256QAM	20525	15RB#0	7.02	13	PASS
Band5	3MHz	256QAM	20635	15RB#0	6.79	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.07	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.50	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.02	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.87	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.30	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.85	13	PASS
Band5	5MHz	64QAM	20425	25RB#0	6.43	13	PASS
Band5	5MHz	64QAM	20525	25RB#0	6.68	13	PASS
Band5	5MHz	64QAM	20625	25RB#0	6.37	13	PASS
Band5	5MHz	256QAM	20425	25RB#0	6.92	13	PASS
Band5	5MHz	256QAM	20525	25RB#0	6.97	13	PASS
Band5	5MHz	256QAM	20625	25RB#0	6.83	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.03	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.28	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.09	13	PASS

Band5	10MHz	16QAM	20450	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.13	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.93	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.53	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.60	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.45	13	PASS
Band5	10MHz	256QAM	20450	50RB#0	7.02	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	6.94	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	6.89	13	PASS

Test Graphs





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



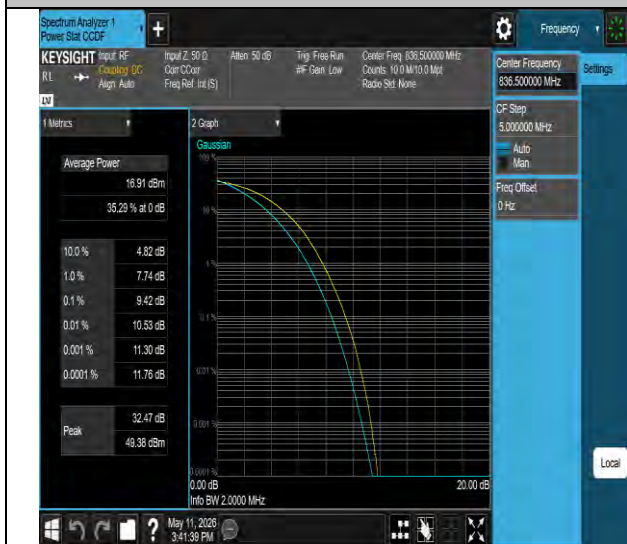
Band5-1.4MHz-64QAM-20525-6RB#0-PASS



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



Band5-1.4MHz-256QAM-20407-6RB#0-PASS



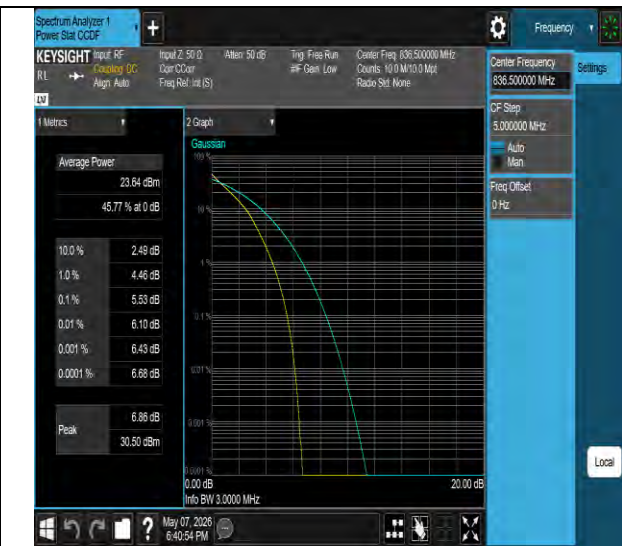
Band5-1.4MHz-256QAM-20525-6RB#0-PASS



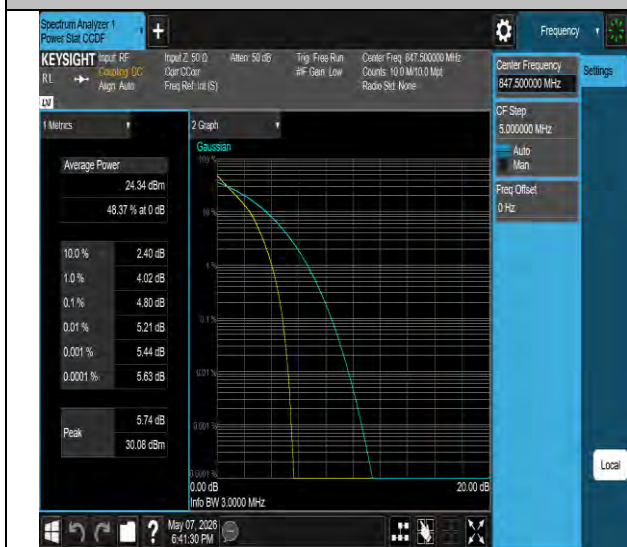
Band5-1.4MHz-256QAM-20643-6RB#0-PASS



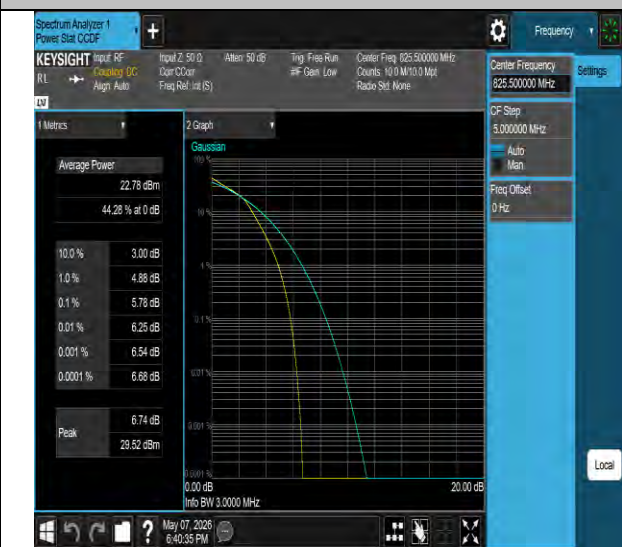
Band5-3MHz-QPSK-20415-15RB#0-PASS



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



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



Band5-3MHz-16QAM-20415-15RB#0-PASS



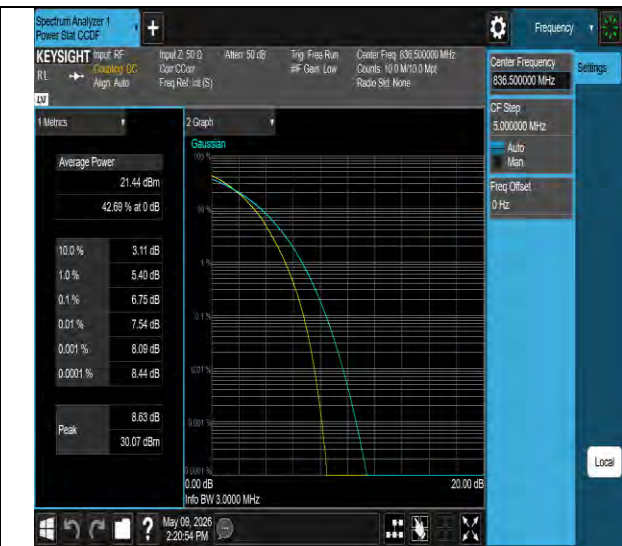
Band5-3MHz-16QAM-20525-15RB#0-PASS



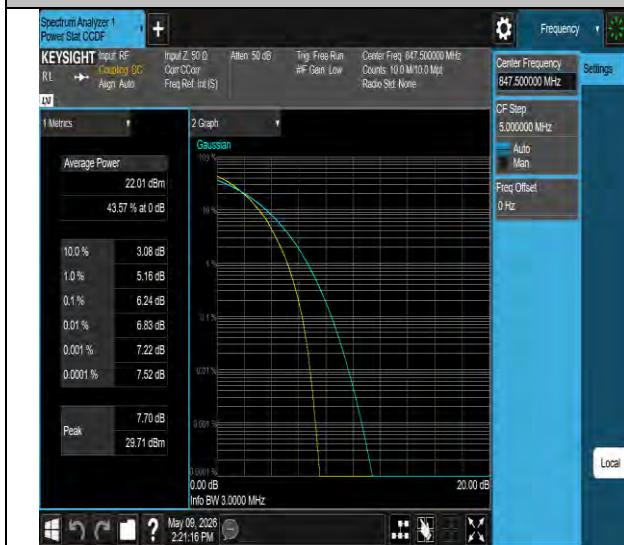
Band5-3MHz-16QAM-20635-15RB#0-PASS



Band5-3MHz-64QAM-20415-15RB#0-PASS



Band5-3MHz-64QAM-20525-15RB#0-PASS



Band5-3MHz-64QAM-20635-15RB#0-PASS



Band5-3MHz-256QAM-20415-15RB#0-PASS



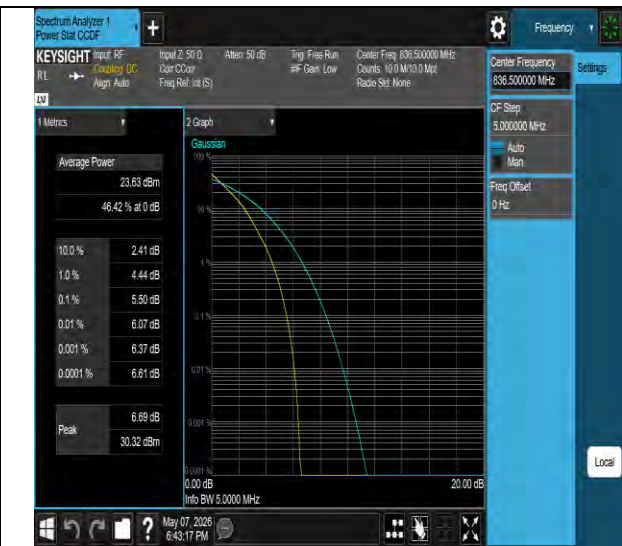
Band5-3MHz-256QAM-20525-15RB#0-PASS



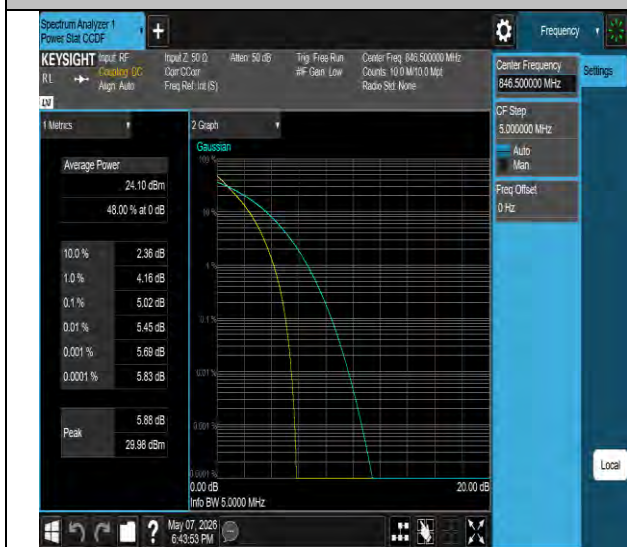
Band5-3MHz-256QAM-20635-15RB#0-PASS



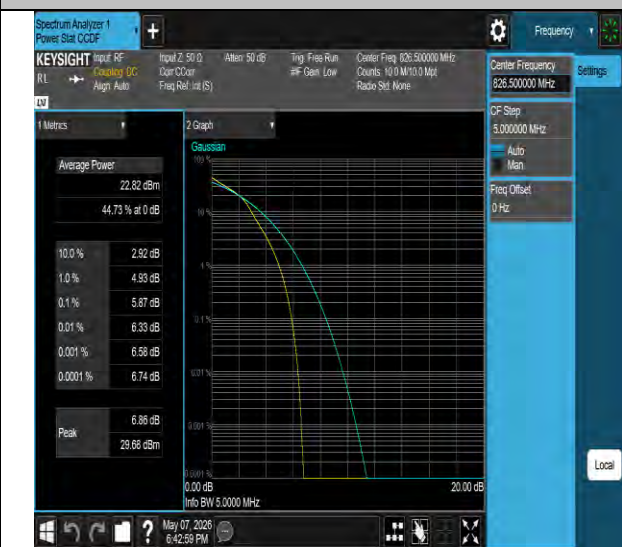
Band5-5MHz-QPSK-20425-25RB#0-PASS



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



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



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



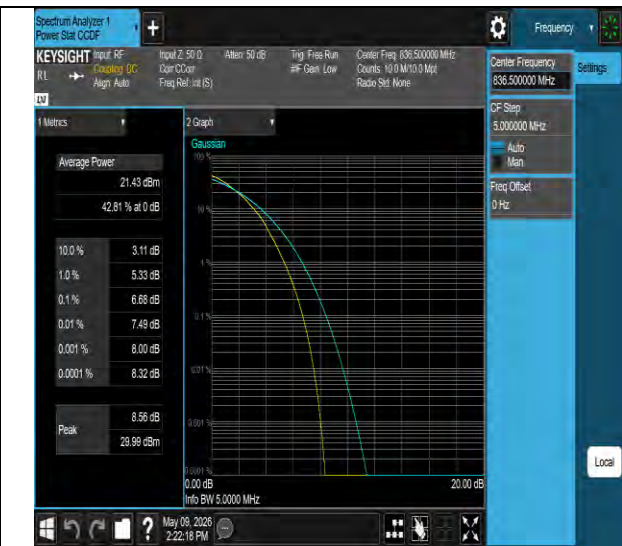
Band5-5MHz-16QAM-20525-25RB#0-PASS



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



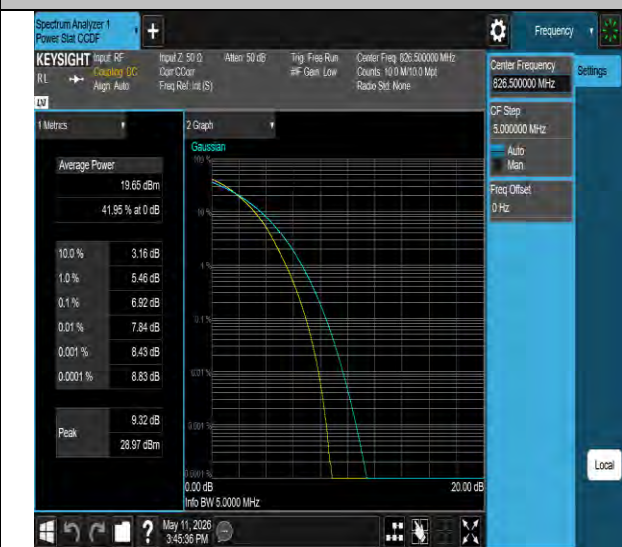
Band5-5MHz-64QAM-20425-25RB#0-PASS



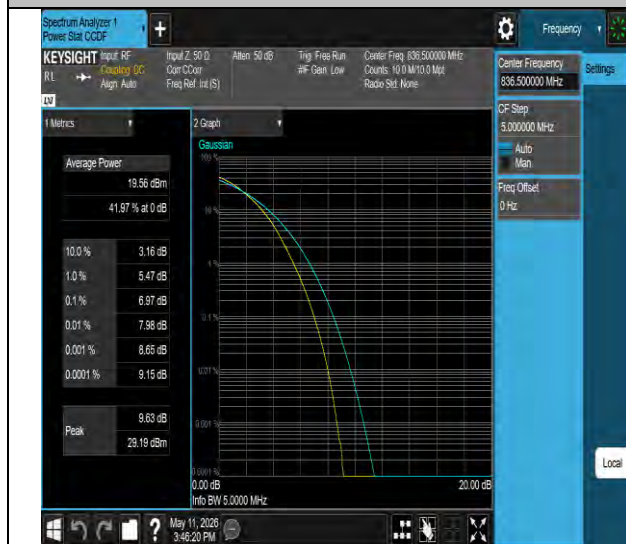
Band5-5MHz-64QAM-20525-25RB#0-PASS



Band5-5MHz-64QAM-20625-25RB#0-PASS



Band5-5MHz-256QAM-20425-25RB#0-PASS



Band5-5MHz-256QAM-20525-25RB#0-PASS



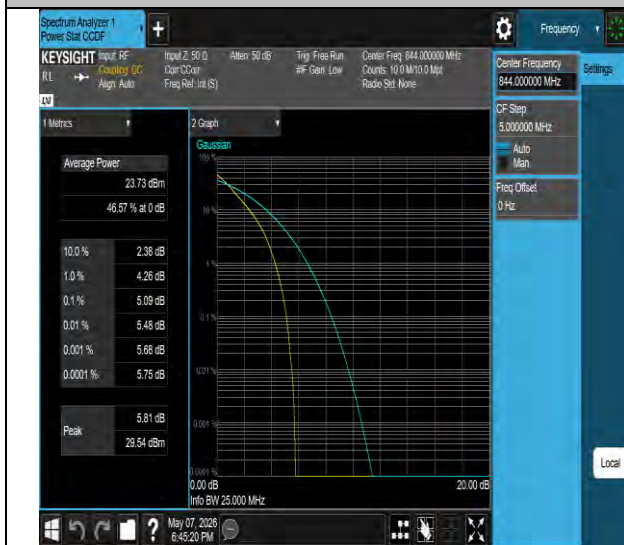
Band5-5MHz-256QAM-20625-25RB#0-PASS



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



Band5-10MHz-QPSK-20525-50RB#0-PASS



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



Band5-10MHz-16QAM-20450-50RB#0-PASS



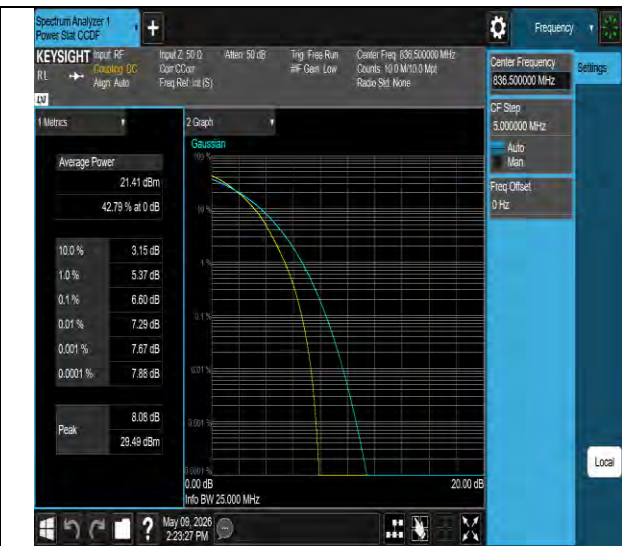
Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS



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



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



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



Band5-10MHz-256QAM-20450-50RB#0-PASS



Band5-10MHz-256QAM-20525-50RB#0-PASS



Band5-10MHz-256QAM-20600-50RB#0-PASS

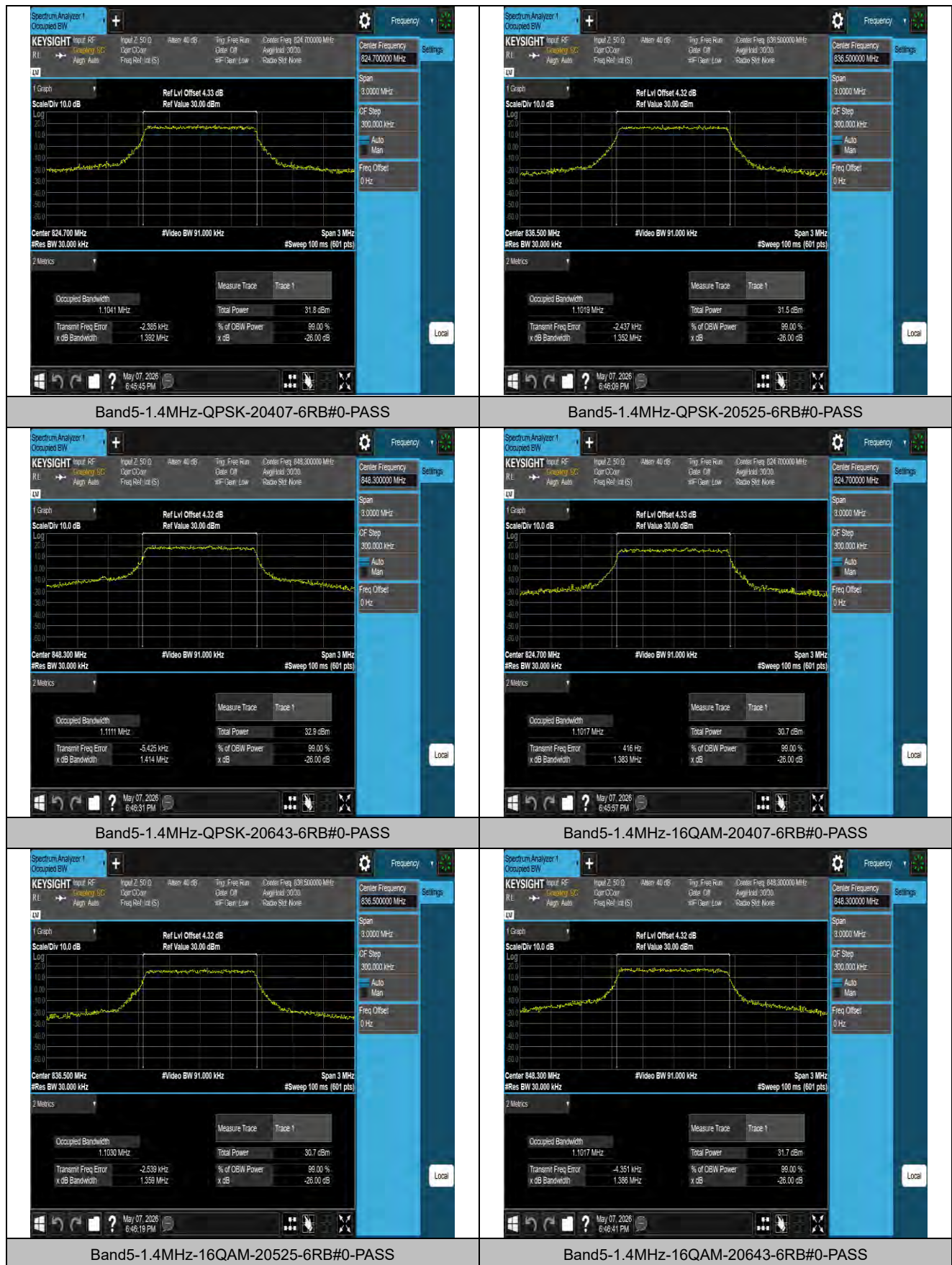
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1041	1.392	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1019	1.352	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1111	1.414	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1017	1.383	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1030	1.359	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1017	1.386	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.1004	1.383	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0991	1.359	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0931	1.356	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.0943	1.325	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.0954	1.348	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.0940	1.350	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7088	3.065	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7022	3.019	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7072	3.047	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6995	3.049	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6959	3.042	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7004	3.043	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.6969	3.012	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.6944	2.999	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6918	3.000	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.6912	2.975	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.6988	2.974	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.6870	3.033	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5236	5.192	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5143	5.157	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5078	5.139	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5273	5.208	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5116	5.177	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5128	5.156	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.5095	5.056	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.4942	5.146	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.4911	5.088	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.4998	5.064	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.4923	5.067	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.4979	5.145	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0031	10.10	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9833	9.946	PASS

Band5	10MHz	QPSK	20600	50RB#0	9.0152	10.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0036	10.04	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9729	10.05	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0167	10.11	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.9940	9.935	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9733	9.913	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.9931	9.934	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.9778	9.929	PASS
Band5	10MHz	256QAM	20525	50RB#0	8.9473	9.890	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.9555	10.01	PASS

Test Graphs







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



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



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



Band5-3MHz-16QAM-20415-15RB#0-PASS



Band5-3MHz-16QAM-20525-15RB#0-PASS



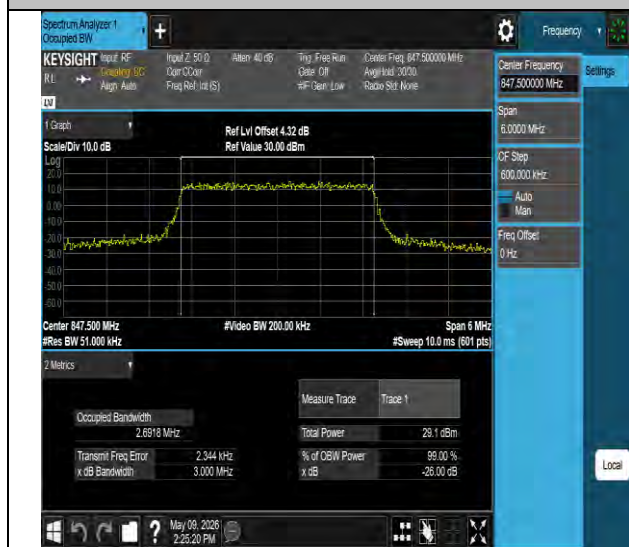
Band5-3MHz-16QAM-20635-15RB#0-PASS



Band5-3MHz-64QAM-20415-15RB#0-PASS



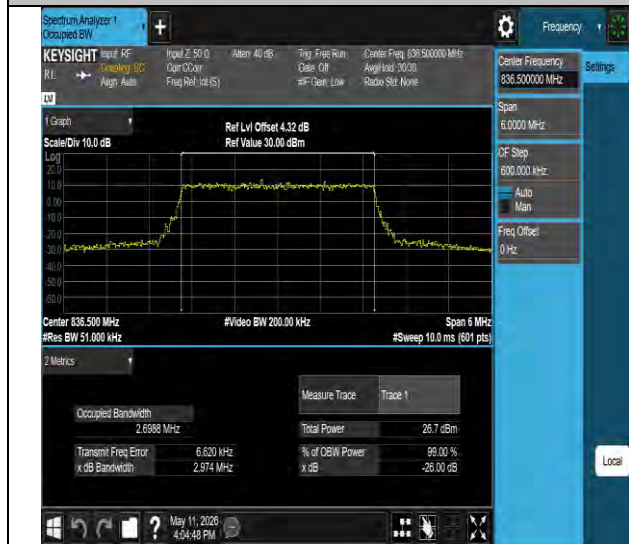
Band5-3MHz-64QAM-20525-15RB#0-PASS



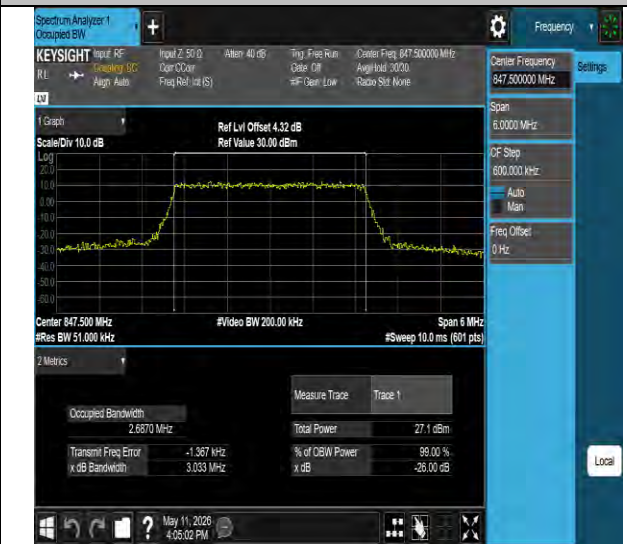
Band5-3MHz-64QAM-20635-15RB#0-PASS



Band5-3MHz-256QAM-20415-15RB#0-PASS



Band5-3MHz-256QAM-20525-15RB#0-PASS



Band5-3MHz-256QAM-20635-15RB#0-PASS



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



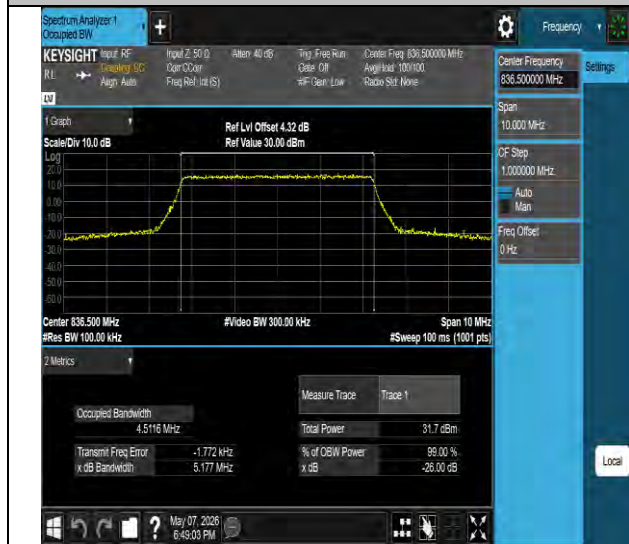
Band5-5MHz-QPSK-20525-25RB#0-PASS



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



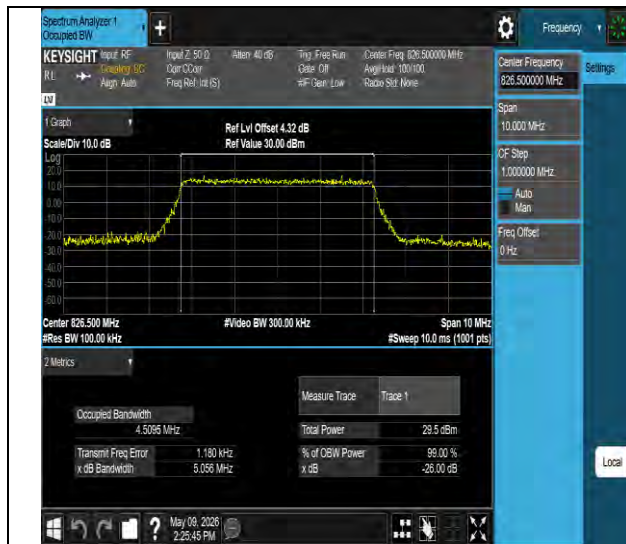
Band5-5MHz-16QAM-20425-25RB#0-PASS



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



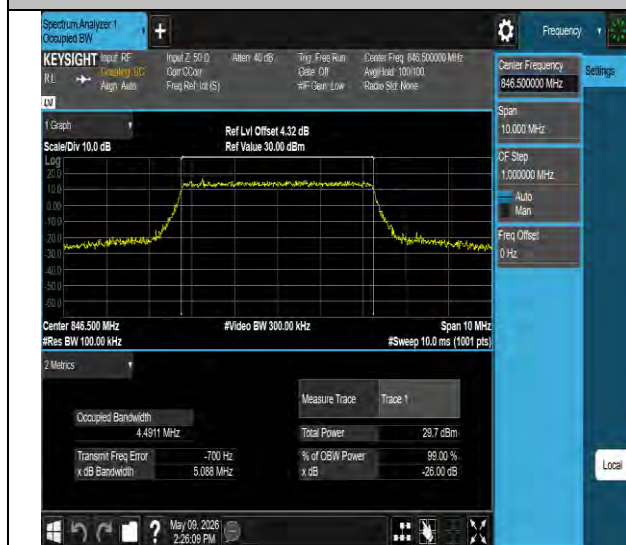
Band5-5MHz-16QAM-20625-25RB#0-PASS



Band5-5MHz-64QAM-20425-25RB#0-PASS



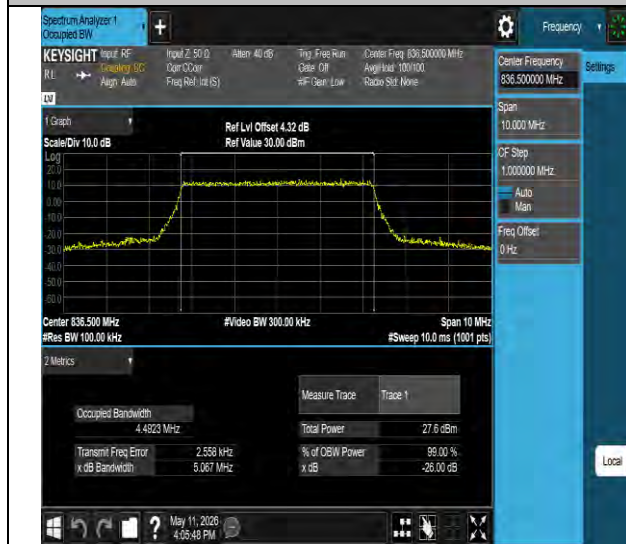
Band5-5MHz-64QAM-20525-25RB#0-PASS



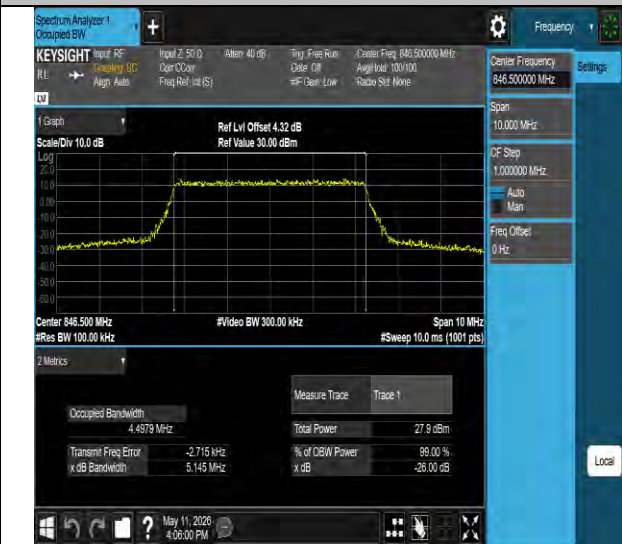
Band5-5MHz-64QAM-20625-25RB#0-PASS



Band5-5MHz-256QAM-20425-25RB#0-PASS



Band5-5MHz-256QAM-20525-25RB#0-PASS



Band5-5MHz-256QAM-20625-25RB#0-PASS



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



Band5-10MHz-QPSK-20525-50RB#0-PASS



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



Band5-10MHz-16QAM-20450-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS



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



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



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



Band5-10MHz-256QAM-20450-50RB#0-PASS



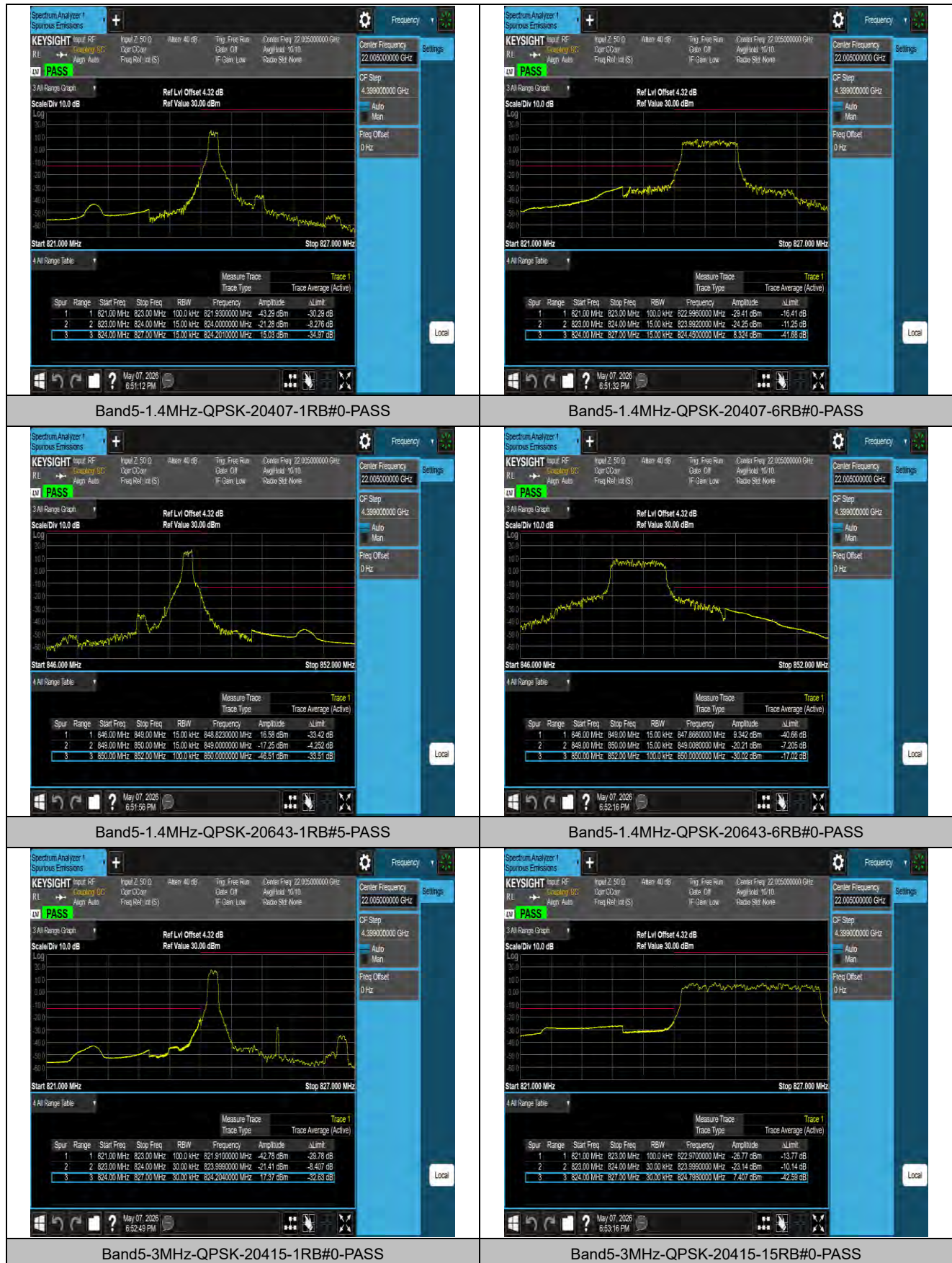
Band5-10MHz-256QAM-20525-50RB#0-PASS

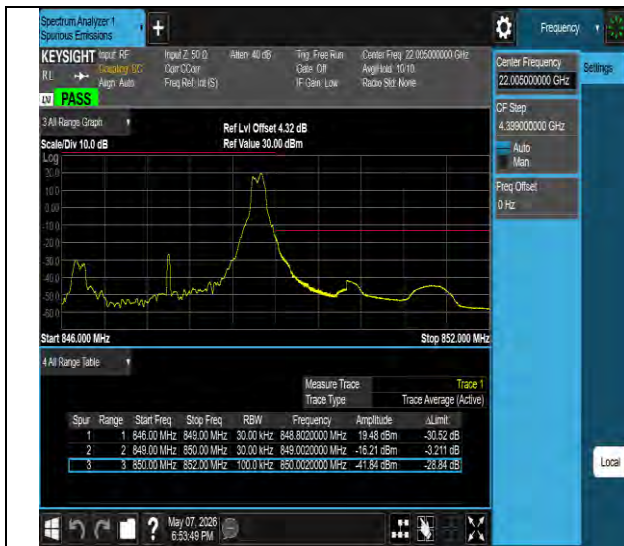


Band5-10MHz-256QAM-20600-50RB#0-PASS

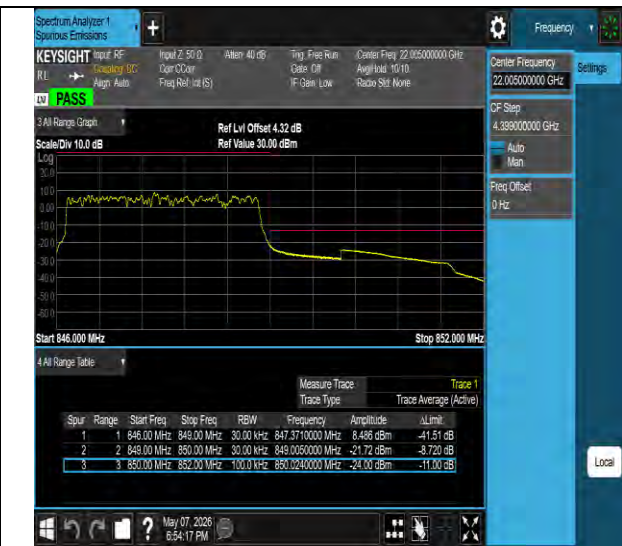
Band Edge

Test Graphs

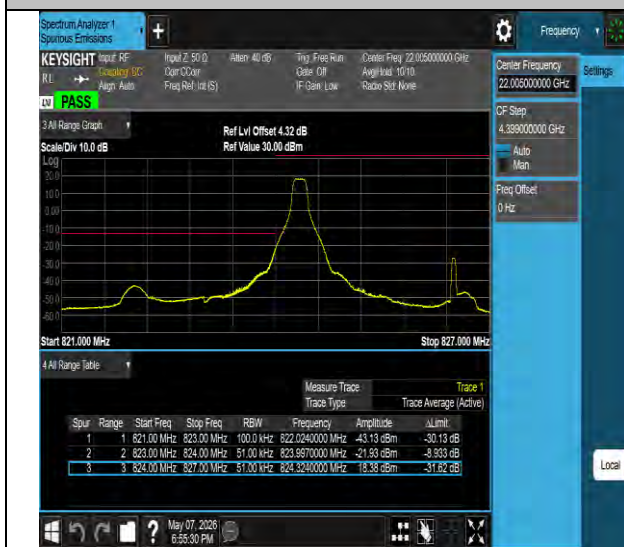




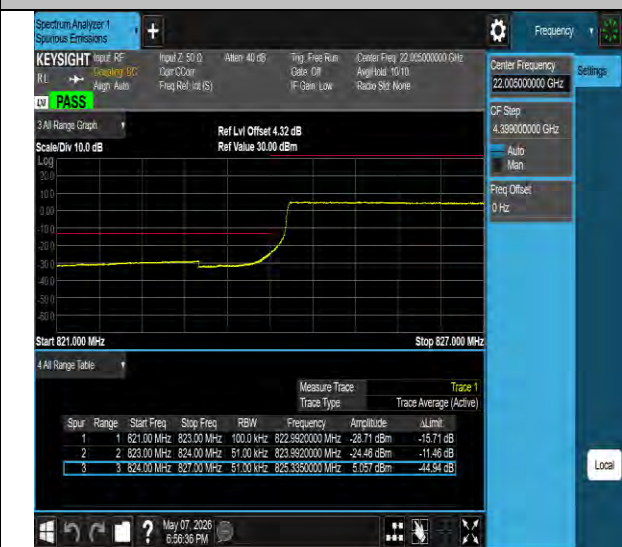
Band5-3MHz-QPSK-20635-1RB#14-PASS



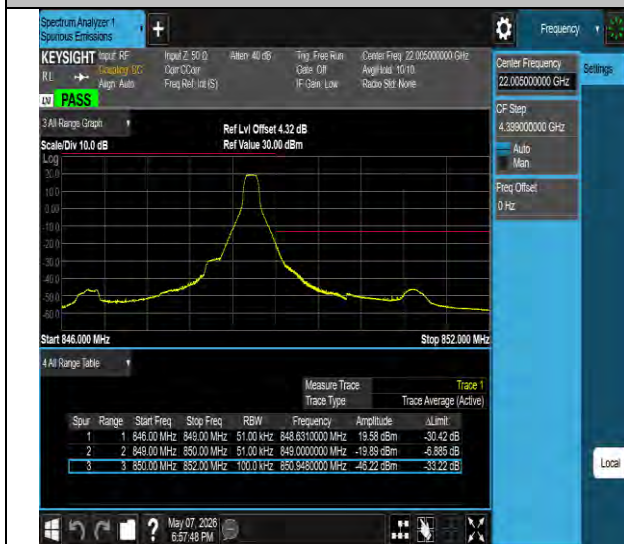
Band5-3MHz-QPSK-20635-15RB#0-PASS



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



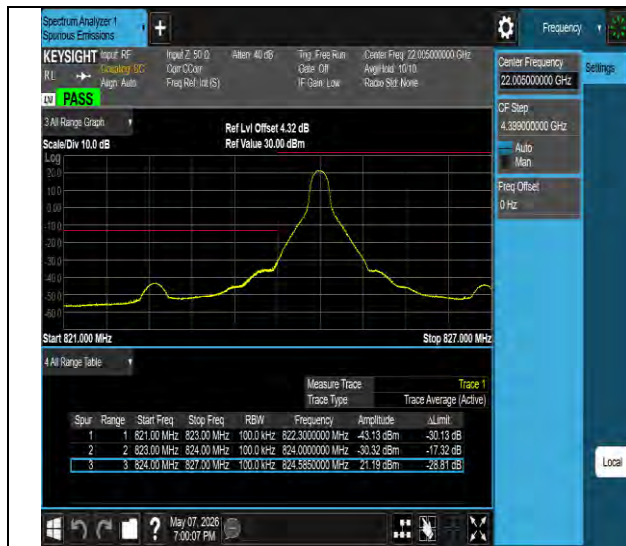
Band5-5MHz-QPSK-20425-25RB#0-PASS



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



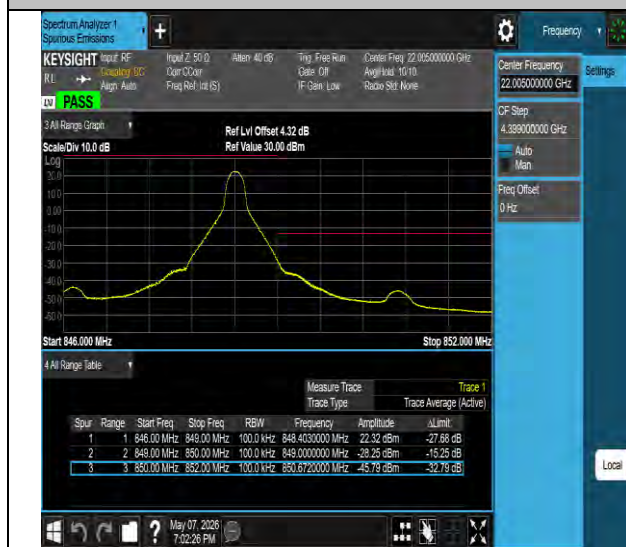
Band5-5MHz-QPSK-20625-25RB#0-PASS



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



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



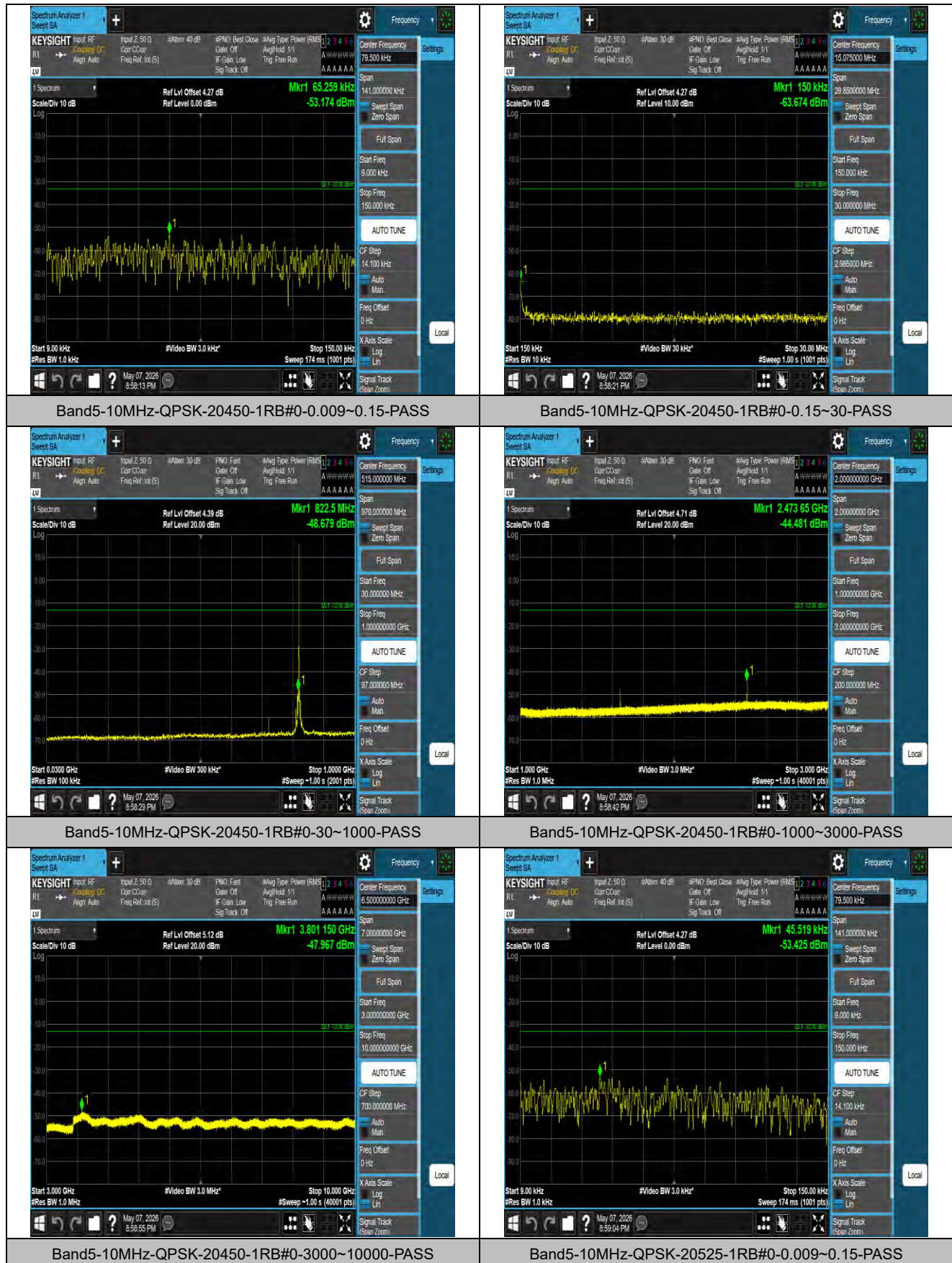
Band5-10MHz-QPSK-20600-1RB#49-PASS

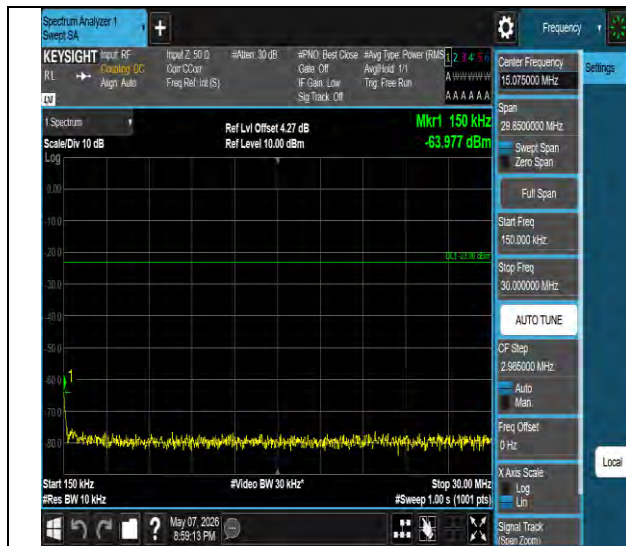


Band5-10MHz-QPSK-20600-50RB#0-PASS

Conducted Spurious Emission

Test Graphs

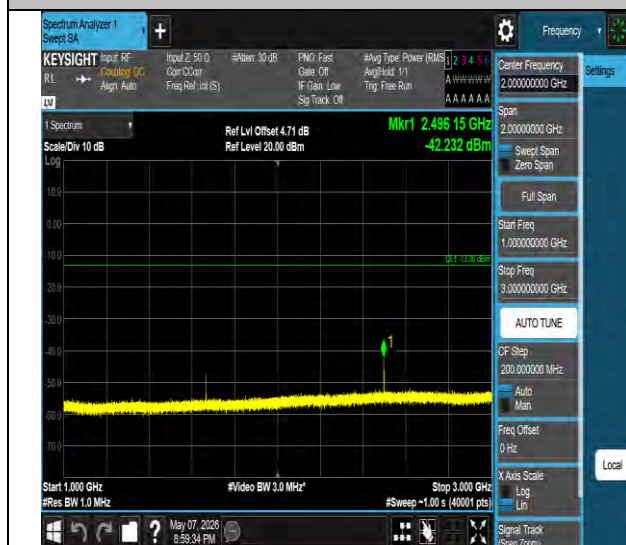




Band5-10MHz-QPSK-20525-1RB#0-0.15~30-PASS



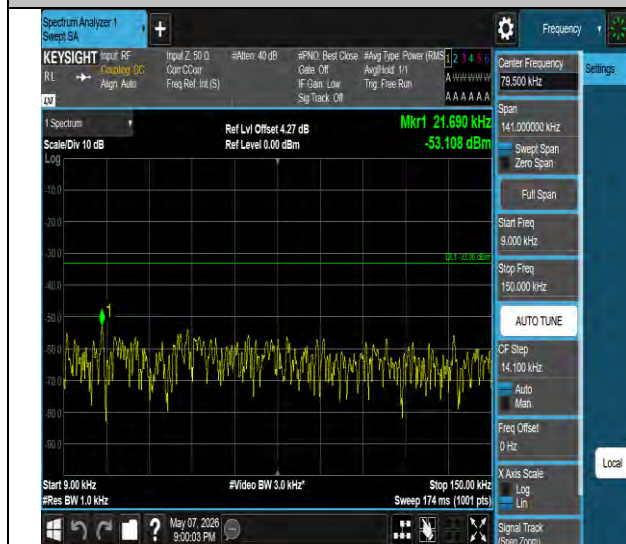
Band5-10MHz-QPSK-20525-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20525-1RB#0-1000~3000-PASS



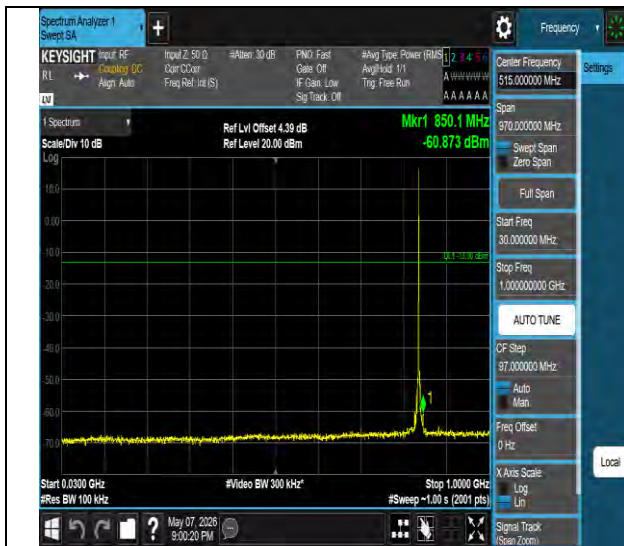
Band5-10MHz-QPSK-20525-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-PASS



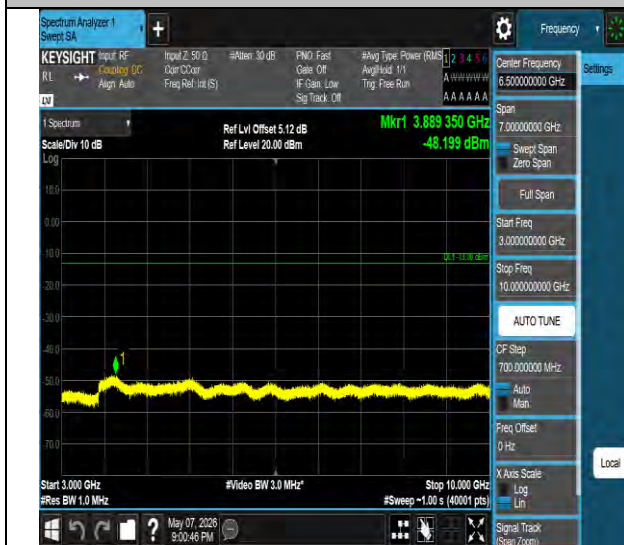
Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PASS



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	-2.35	-0.002809	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-4.02	-0.004806	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.99	-0.003574	±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	-13.09	-0.015649	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.73	0.002068	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	2.15	0.002570	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	1.99	0.002379	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-3.58	-0.004280	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-2.42	-0.002893	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.43	-0.001710	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-2.60	-0.003108	±2.5	PASS

~The End~