

Appendix-A 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	23.22	21.37	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.17	21.32	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.29	21.44	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.51	20.66	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.59	20.74	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.6	20.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.49	20.64	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.49	19.64	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.49	19.64	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.7	19.85	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.43	19.58	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.57	18.72	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	18.37	16.52	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	18.4	16.55	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	18.52	16.67	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	18.44	16.59	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.21	21.36	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.16	21.31	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.16	21.31	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.51	20.66	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.58	20.73	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.35	20.5	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.62	20.77	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.43	19.58	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.61	19.76	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.73	19.88	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.71	19.86	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.41	18.56	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	18.3	16.45	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	18.65	16.8	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	18.41	16.56	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	18.34	16.49	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.04	21.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.93	21.08	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.87	21.02	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.23	20.38	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.41	20.56	38.45	PASS

Band5	1.4MHz	16QAM	20643	1RB#2	22.46	20.61	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.3	20.45	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.29	19.44	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.28	19.43	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.49	19.64	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.46	19.61	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.38	18.53	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	18.07	16.22	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	18.16	16.31	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	18.22	16.37	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	18.2	16.35	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.27	21.42	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.3	21.45	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.26	21.41	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.66	20.81	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.38	20.53	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.59	20.74	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.45	20.6	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.68	19.83	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.59	19.74	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.95	20.1	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.81	19.96	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.63	18.78	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	18.36	16.51	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	18.39	16.54	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	18.64	16.79	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	18.57	16.72	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.38	21.53	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.31	21.46	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.07	21.22	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.57	20.72	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.67	20.82	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.74	20.89	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.48	20.63	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.44	19.59	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.63	19.78	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.75	19.9	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.58	19.73	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.62	18.77	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	18.18	16.33	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	18.75	16.9	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	18.48	16.63	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	18.41	16.56	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.16	21.31	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.11	21.26	38.45	PASS

Band5	3MHz	QPSK	20635	1RB#14	23.05	21.2	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.37	20.52	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.2	20.35	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.47	20.62	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.27	20.42	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.29	19.44	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.55	19.7	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.56	19.71	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.64	19.79	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.36	18.51	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	18.29	16.44	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	18.47	16.62	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	18.39	16.54	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	18.15	16.3	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.21	21.36	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.26	21.41	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.22	21.37	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.65	20.8	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.38	20.53	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.63	20.78	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.64	20.79	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.68	19.83	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.65	19.8	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.81	19.96	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.62	19.77	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.73	18.88	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	18.59	16.74	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	18.79	16.94	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	18.55	16.7	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	18.6	16.75	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.17	21.32	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.2	21.35	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.21	21.36	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.55	20.7	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.51	20.66	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.47	20.62	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.65	20.8	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.59	19.74	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.32	20.47	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.85	20	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.58	19.73	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.63	18.78	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	18.46	16.61	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	18.77	16.92	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	18.67	16.82	38.45	PASS

Band5	5MHz	256QAM	20525	25RB#0	18.55	16.7	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.92	21.07	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.94	21.09	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.94	21.09	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.37	20.52	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.37	20.52	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.57	20.72	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.39	20.54	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.42	19.57	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.4	19.55	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.42	19.57	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.47	19.62	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.39	18.54	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	18.18	16.33	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	18.27	16.42	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	18.4	16.55	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	18.24	16.39	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.19	21.34	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.39	21.54	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.32	21.47	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.78	20.93	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.91	21.06	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.57	20.72	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.77	20.92	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.82	19.97	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.94	20.09	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.93	20.08	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.74	19.89	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.83	18.98	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	18.6	16.75	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	18.47	16.62	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	18.83	16.98	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	18.71	16.86	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.21	21.36	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.33	21.48	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.19	21.34	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.65	20.8	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.7	20.85	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.63	20.78	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.43	20.58	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.61	19.76	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.01	20.16	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.73	19.88	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.41	19.56	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.75	18.9	38.45	PASS

Band5	10MHz	256QAM	20525	1RB#0	18.72	16.87	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	18.59	16.74	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	18.7	16.85	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	18.56	16.71	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.05	21.2	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.19	21.34	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.97	21.12	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.6	20.75	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.46	20.61	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.16	20.31	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.16	20.31	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.6	19.75	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.77	19.92	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.67	19.82	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.46	19.61	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.6	18.75	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	18.55	16.7	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	18.44	16.59	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	18.34	16.49	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	18.51	16.66	38.45	PASS

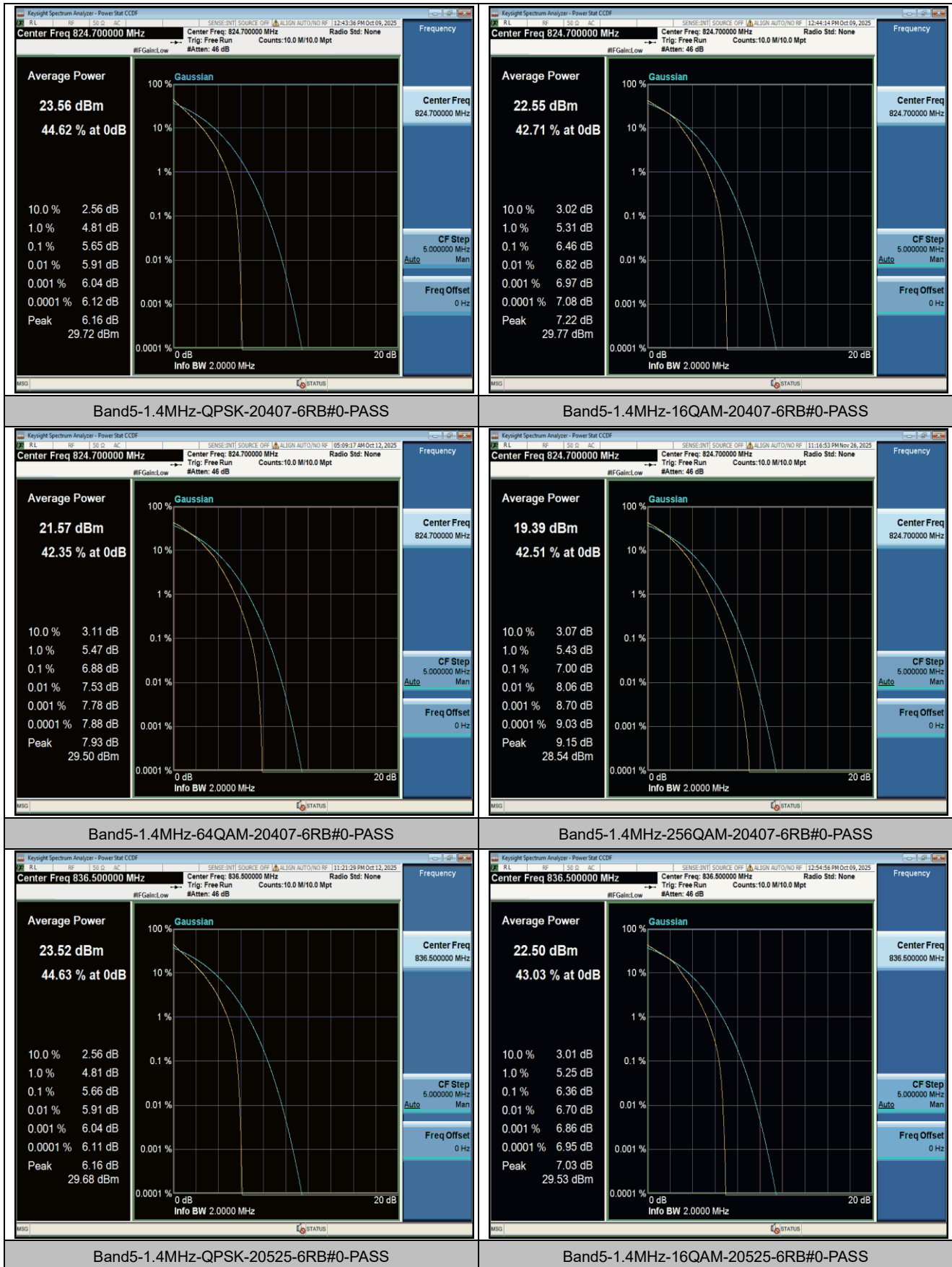
Peak-to-Average Ratio(CCDF)

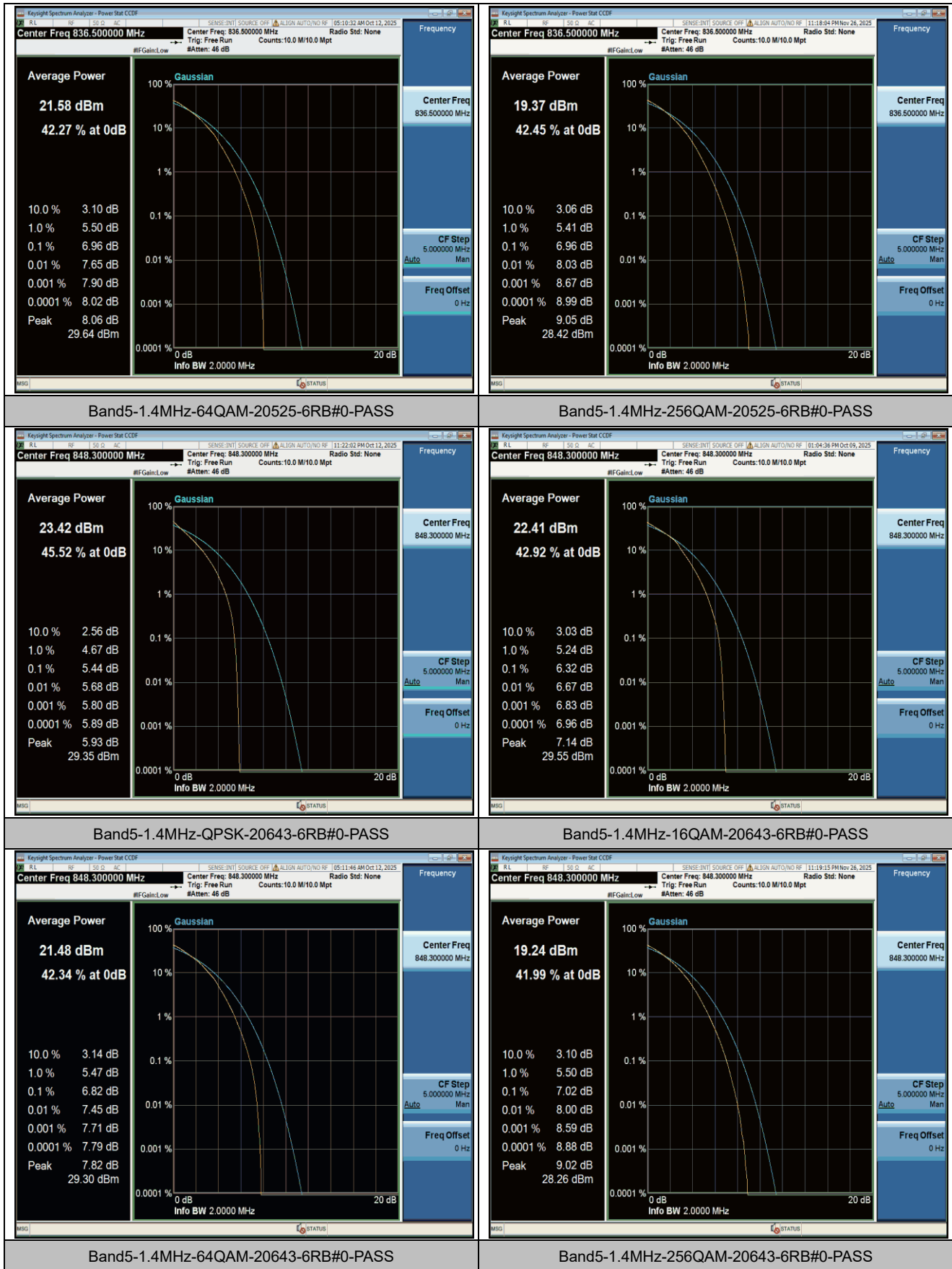
Test Result

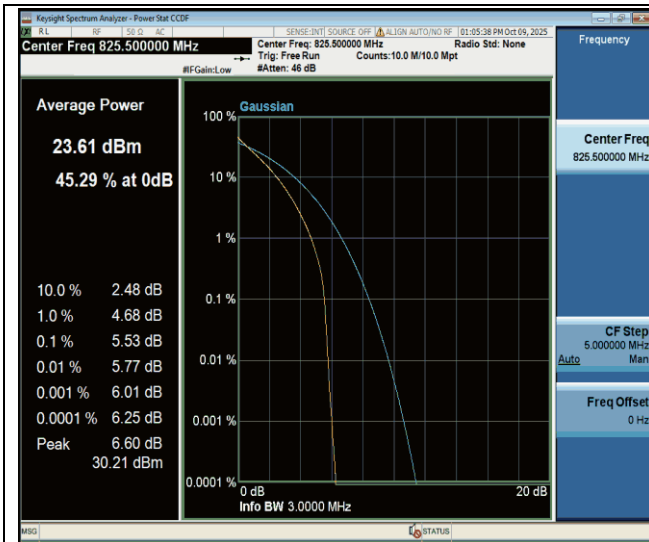
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.65	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.46	13	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	6.88	13	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	7.00	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.66	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.36	13	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	6.96	13	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	6.96	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.44	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.32	13	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	6.82	13	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	7.02	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.53	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.38	13	PASS
Band5	3MHz	64QAM	20415	15RB#0	6.83	13	PASS
Band5	3MHz	256QAM	20415	15RB#0	6.90	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.59	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.39	13	PASS
Band5	3MHz	64QAM	20525	15RB#0	6.83	13	PASS
Band5	3MHz	256QAM	20525	15RB#0	6.88	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.43	13	PASS
Band5	3MHz	64QAM	20635	15RB#0	6.80	13	PASS
Band5	3MHz	256QAM	20635	15RB#0	6.93	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.58	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.37	13	PASS
Band5	5MHz	64QAM	20425	25RB#0	6.78	13	PASS
Band5	5MHz	256QAM	20425	25RB#0	6.79	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.37	13	PASS
Band5	5MHz	64QAM	20525	25RB#0	6.81	13	PASS
Band5	5MHz	256QAM	20525	25RB#0	6.80	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.61	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.45	13	PASS
Band5	5MHz	64QAM	20625	25RB#0	6.81	13	PASS
Band5	5MHz	256QAM	20625	25RB#0	6.95	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.23	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.85	13	PASS

Band5	10MHz	256QAM	20450	50RB#0	6.88	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.23	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.81	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	6.91	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.54	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.40	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.83	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	6.97	13	PASS

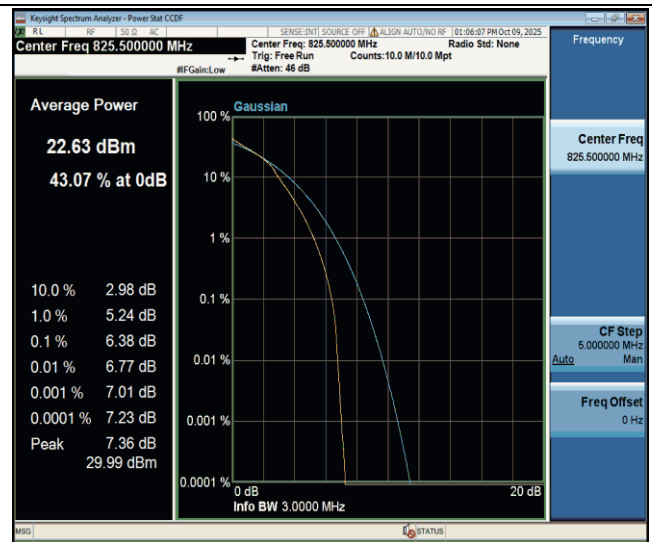
Test Graphs



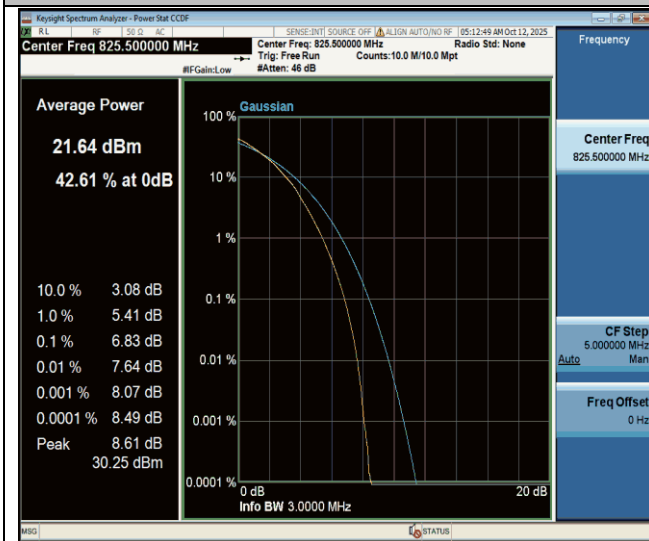




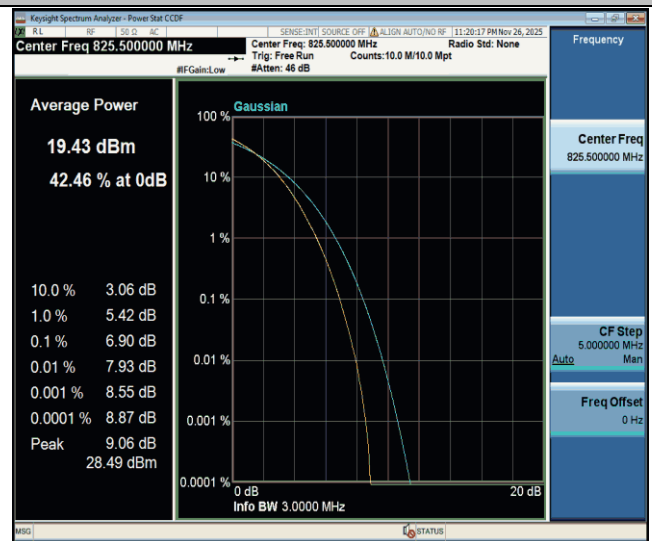
Band5-3MHz-QPSK-20415-15RB#0-PASS



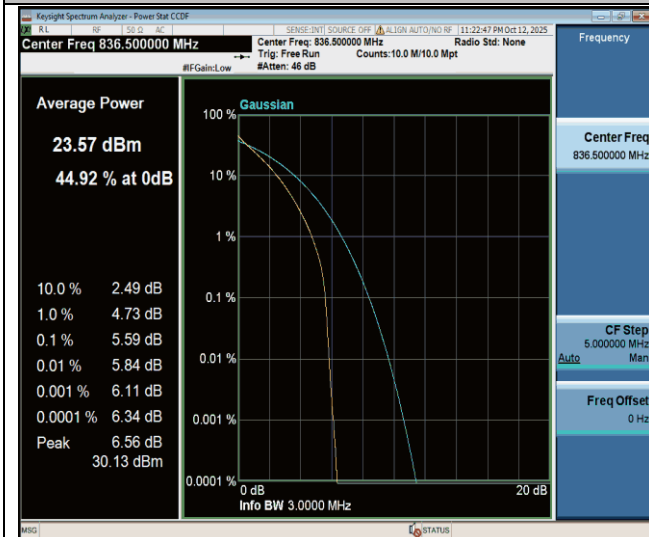
Band5-3MHz-16QAM-20415-15RB#0-PASS



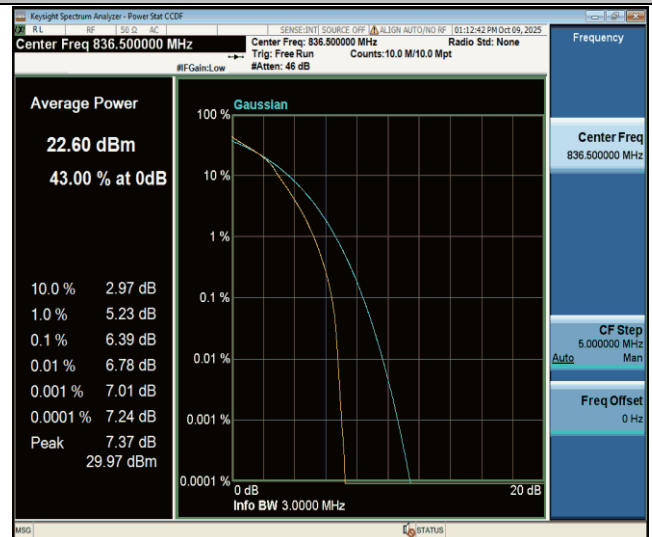
Band5-3MHz-64QAM-20415-15RB#0-PASS



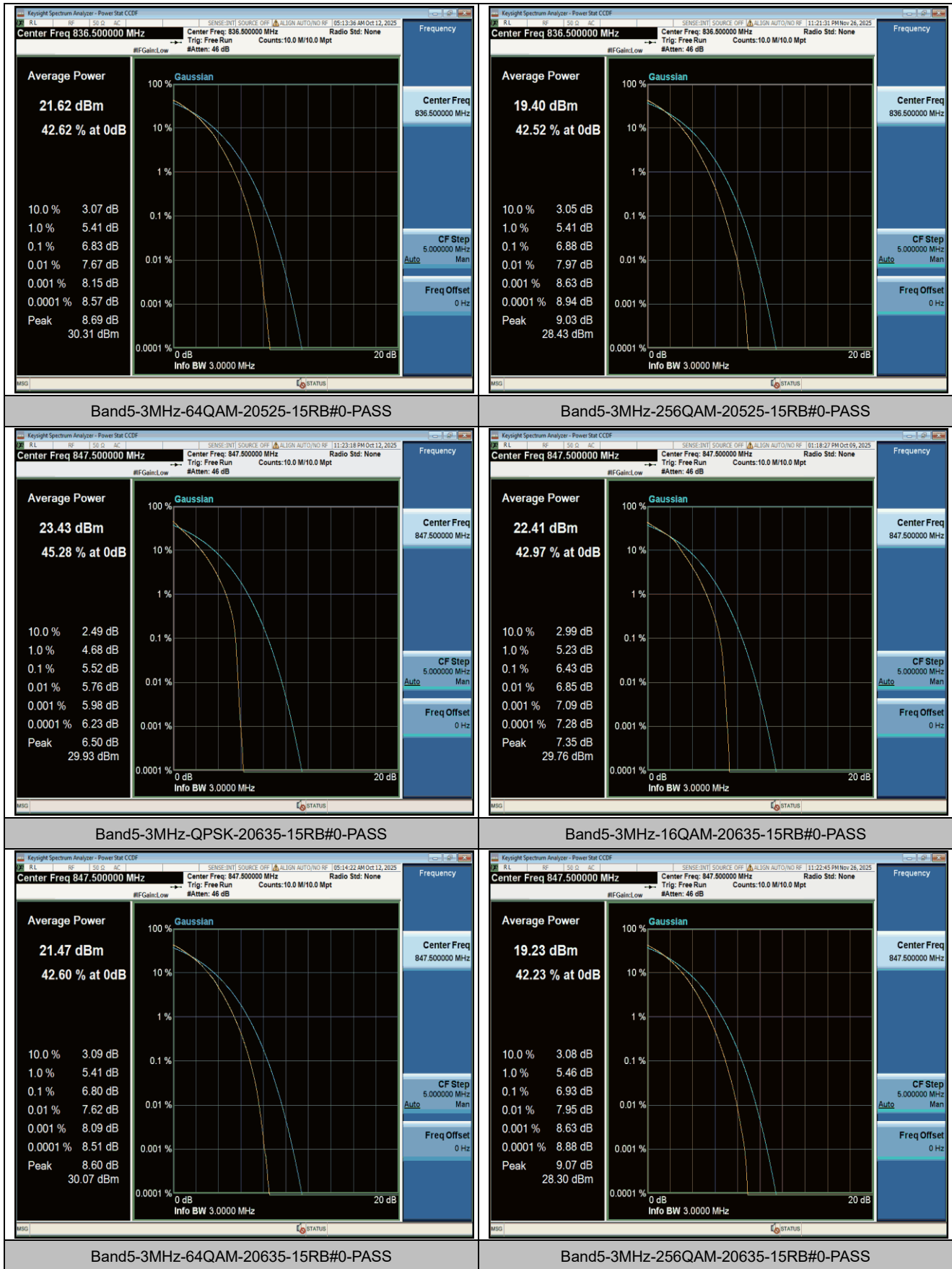
Band5-3MHz-256QAM-20415-15RB#0-PASS

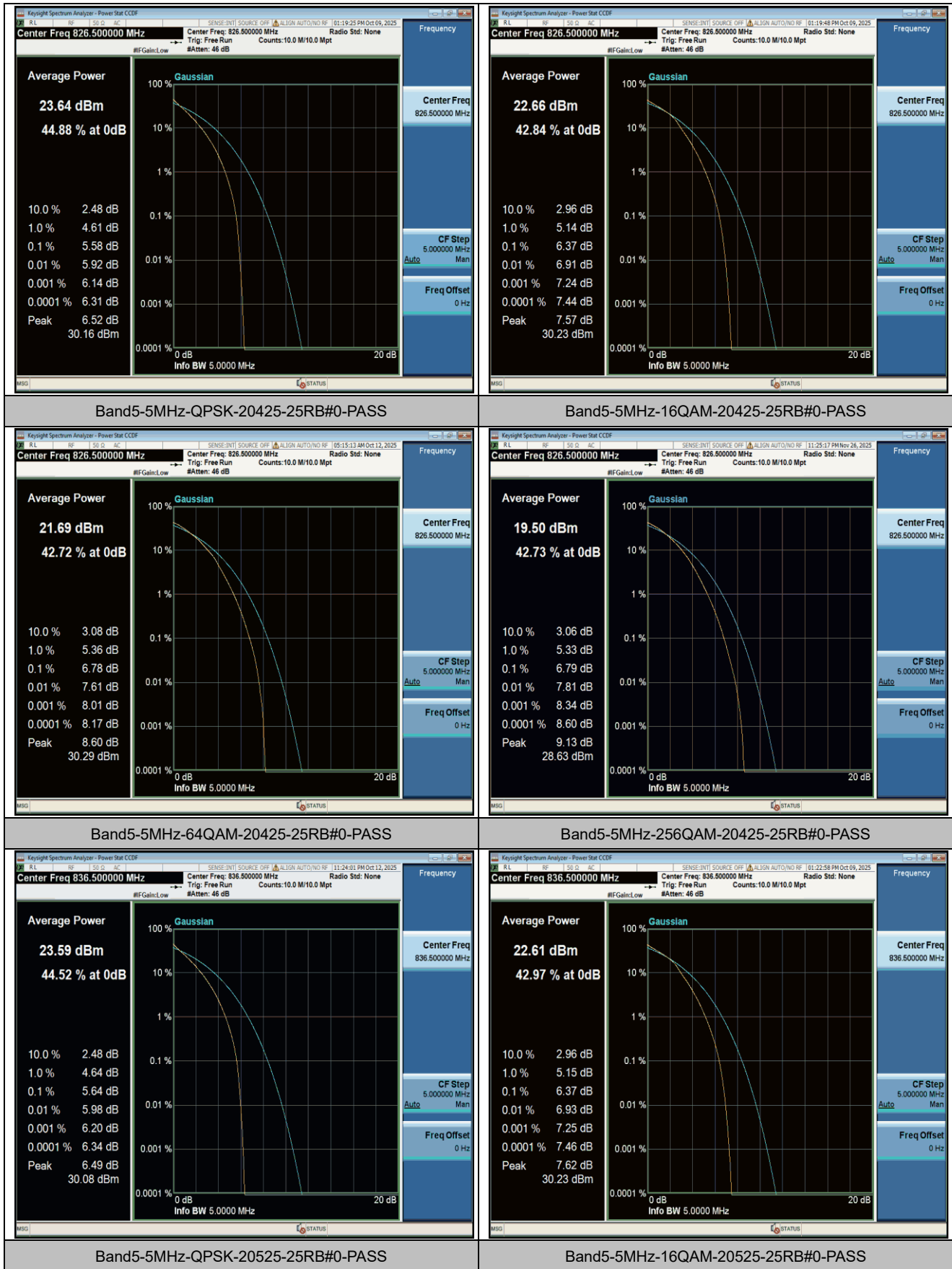


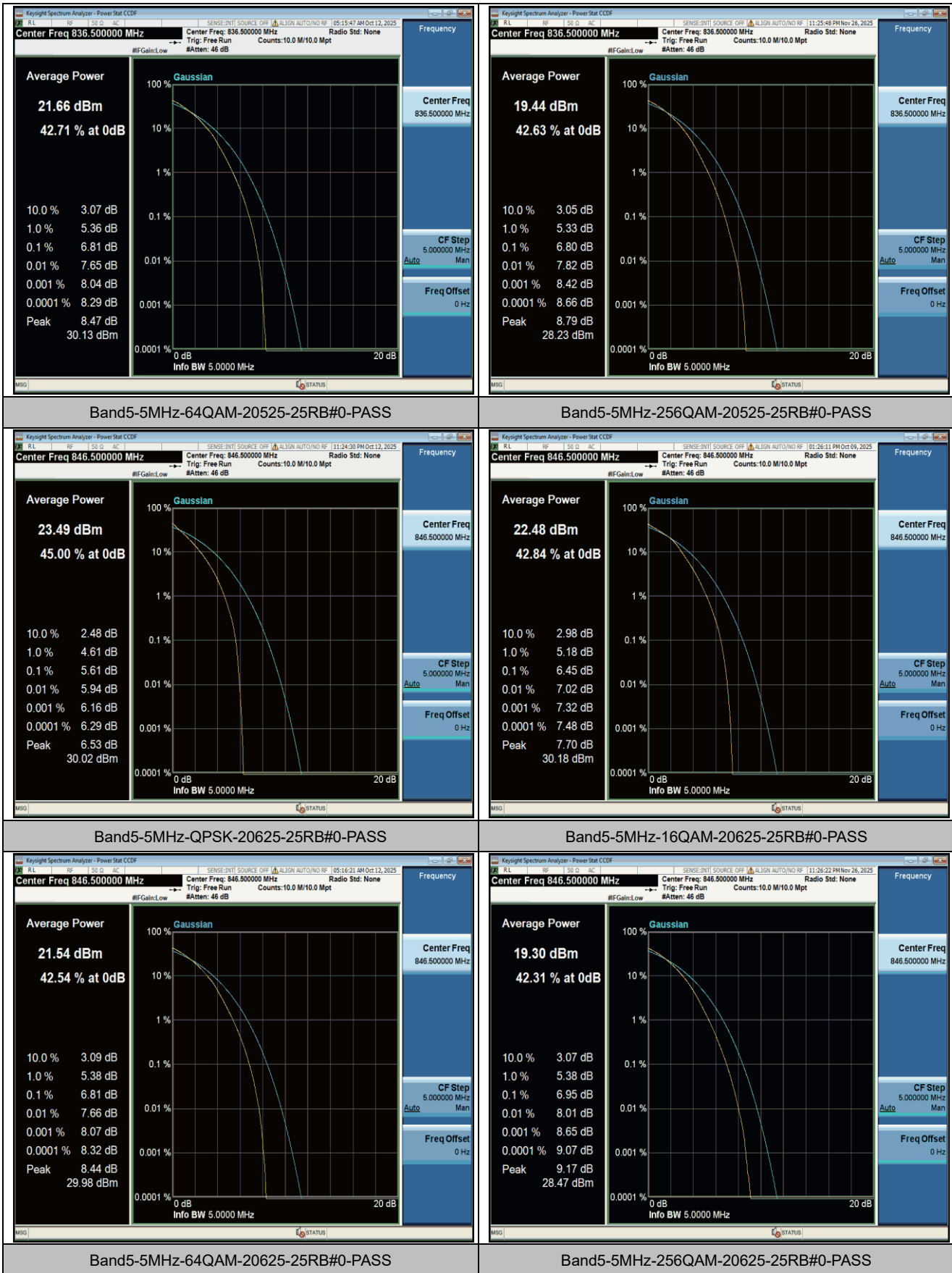
Band5-3MHz-QPSK-20525-15RB#0-PASS

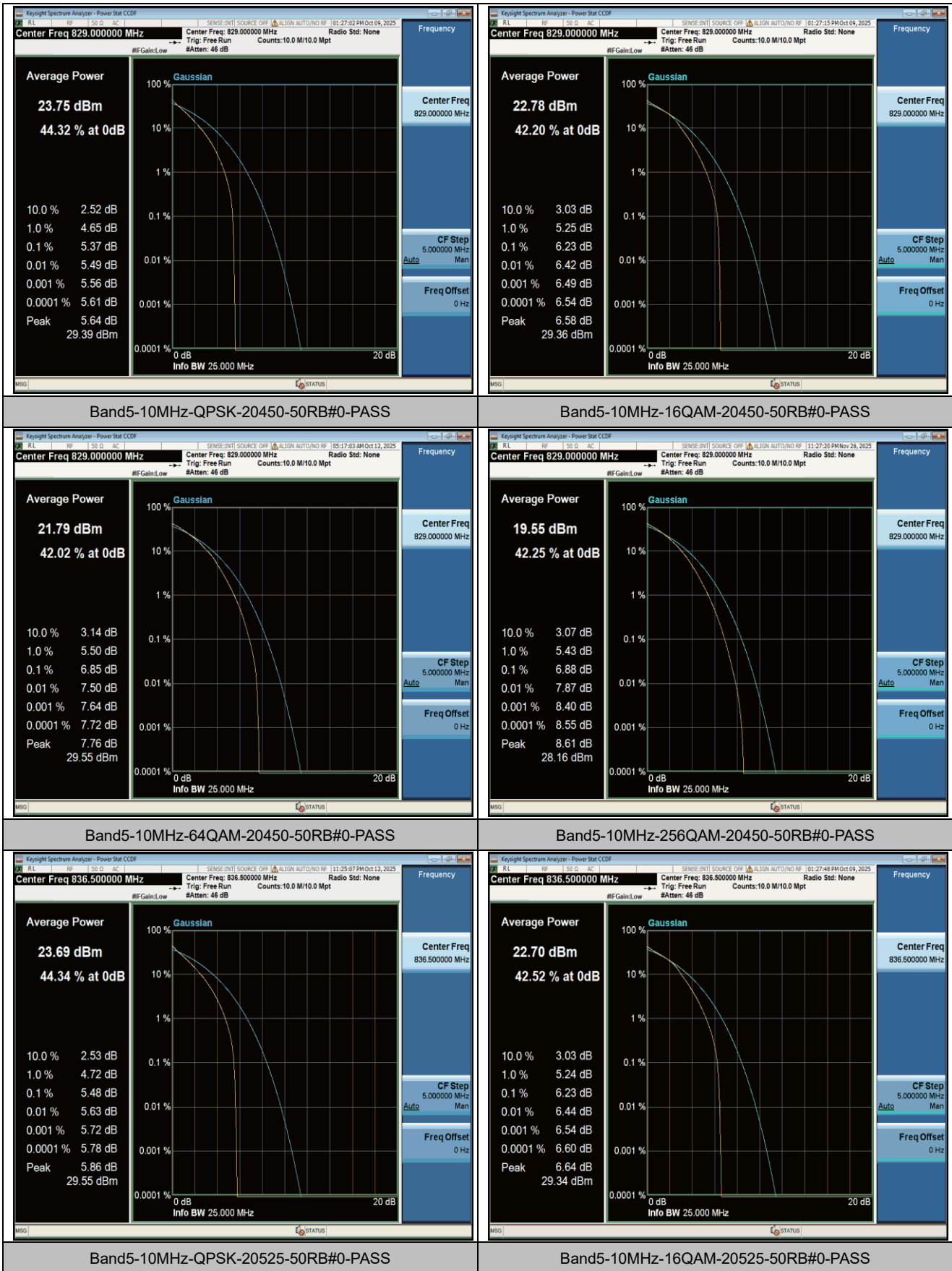


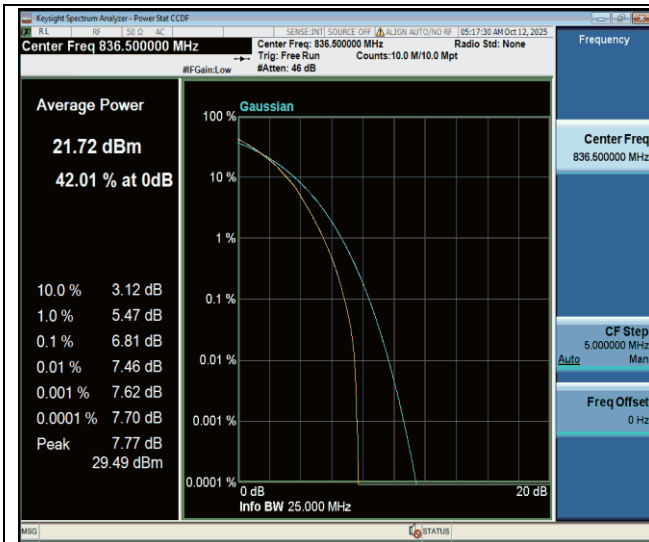
Band5-3MHz-16QAM-20525-15RB#0-PASS



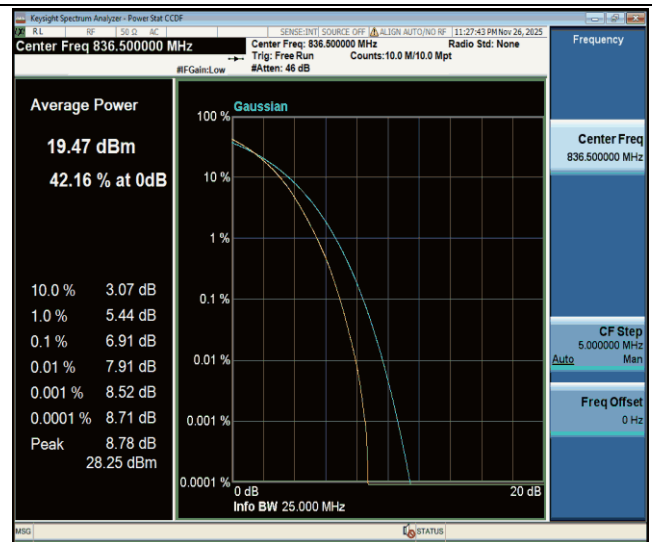




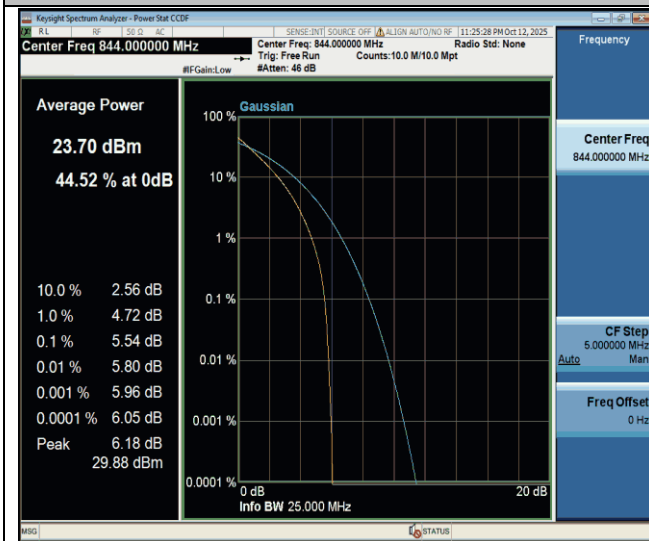




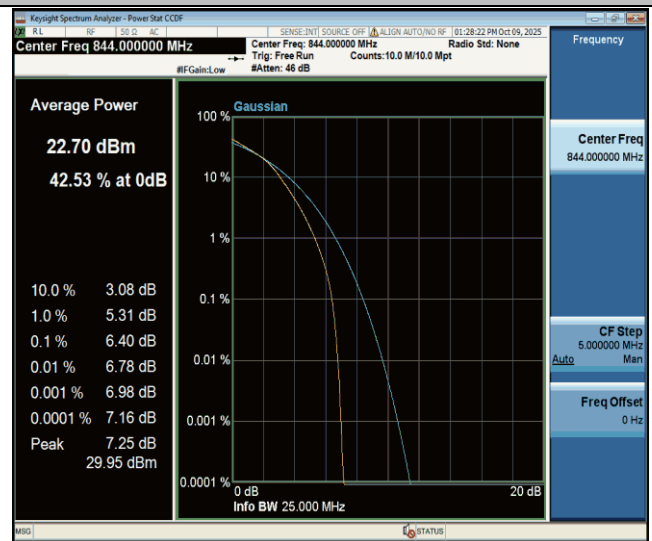
Band5-10MHz-64QAM-20525-50RB#0-PASS



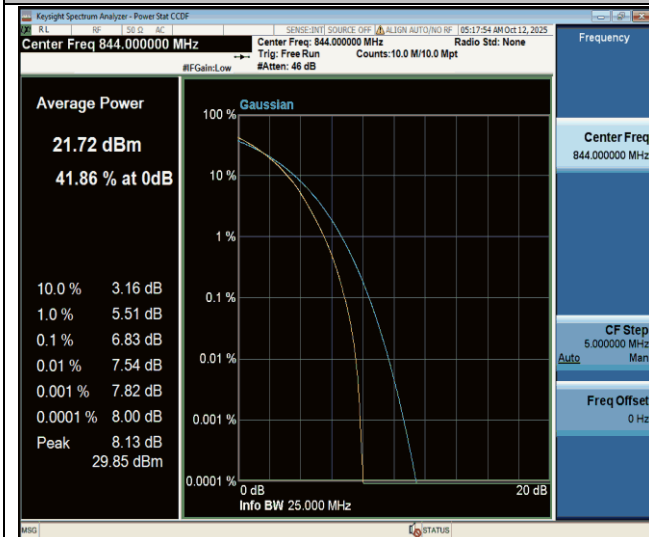
Band5-10MHz-256QAM-20525-50RB#0-PASS



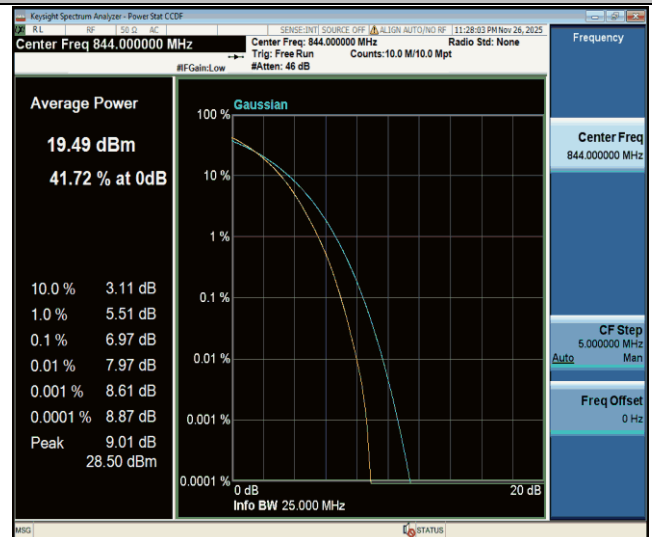
Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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



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

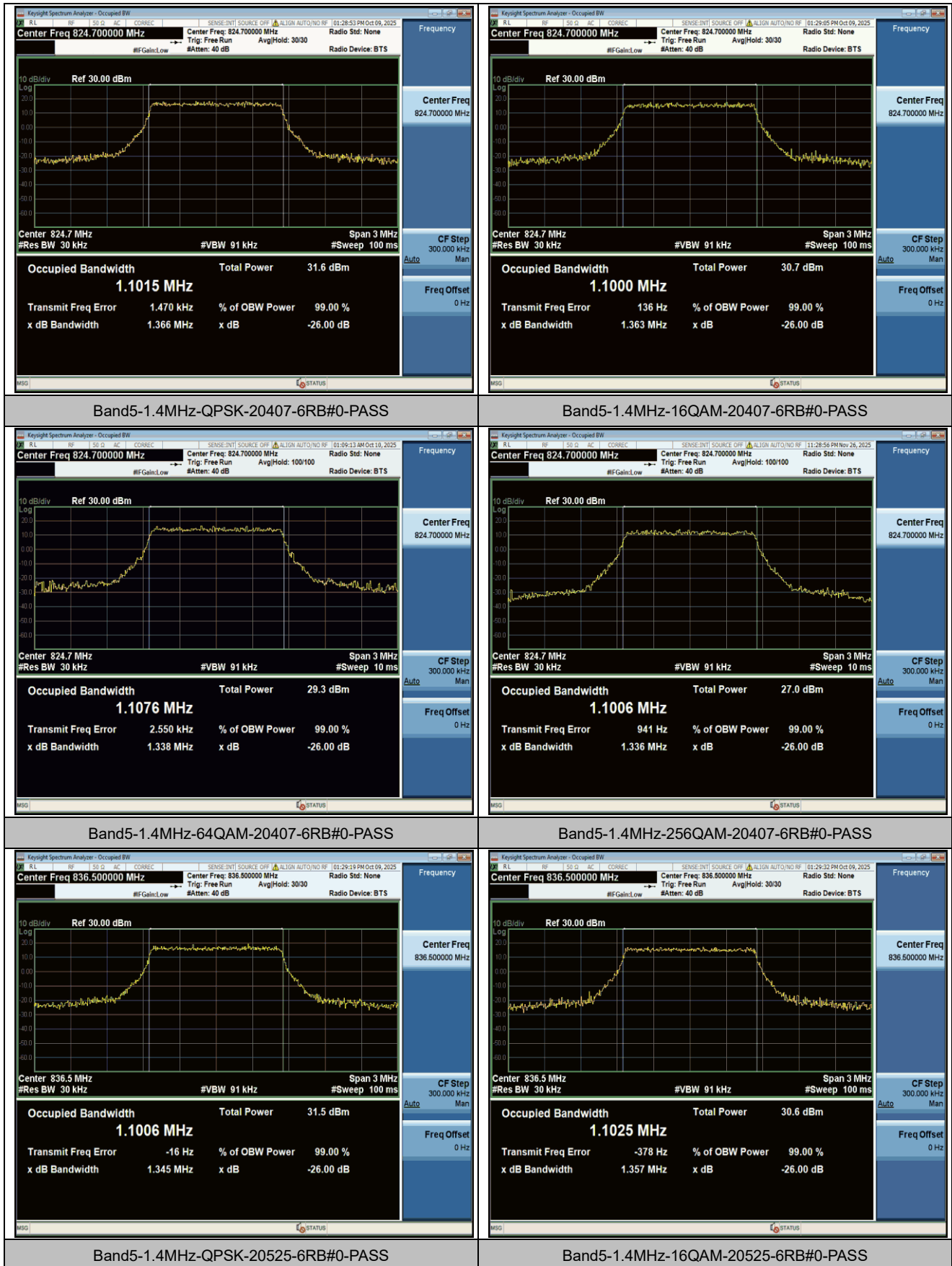
26dB Bandwidth and Occupied Bandwidth

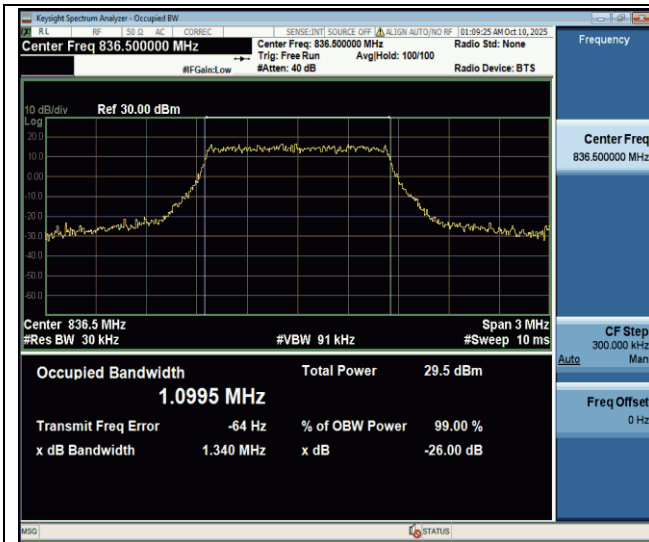
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1015	1.366	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1000	1.363	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.1076	1.338	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.1006	1.336	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1006	1.345	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1025	1.357	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0995	1.340	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.0986	1.352	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1014	1.348	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1018	1.331	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.1054	1.343	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.0955	1.350	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6963	3.013	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6932	3.007	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.7028	3.014	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.7059	3.031	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7089	3.038	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7000	3.012	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.6997	3.027	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.7024	3.021	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6963	2.998	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6978	3.038	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6996	3.074	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.7003	3.063	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5205	5.177	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5090	5.174	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.4991	5.147	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.4885	5.085	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5131	5.133	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5069	5.218	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.5100	5.124	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.4973	5.150	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5126	5.145	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5116	5.149	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.4961	5.056	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.4886	5.002	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9932	9.969	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0084	10.09	PASS

Band5	10MHz	64QAM	20450	50RB#0	9.0045	9.889	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.9884	9.969	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9982	10.02	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9937	10.03	PASS
Band5	10MHz	64QAM	20525	50RB#0	9.0004	9.939	PASS
Band5	10MHz	256QAM	20525	50RB#0	8.9775	9.905	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9919	10.12	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9934	10.02	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.9965	10.00	PASS
Band5	10MHz	256QAM	20600	50RB#0	9.0061	10.01	PASS

Test Graphs

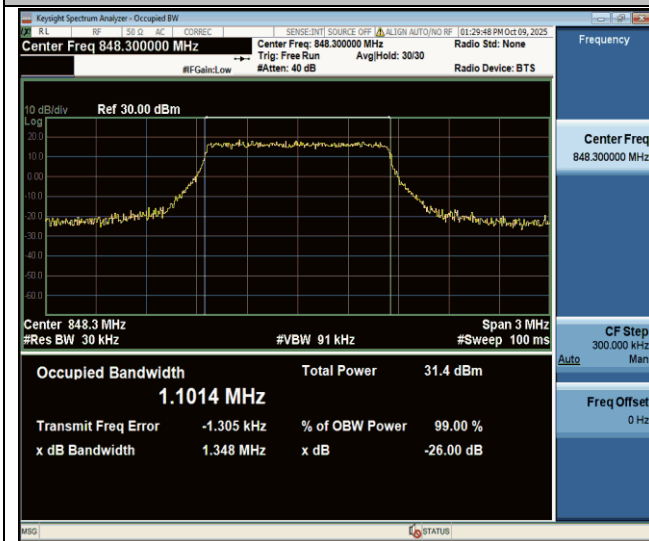




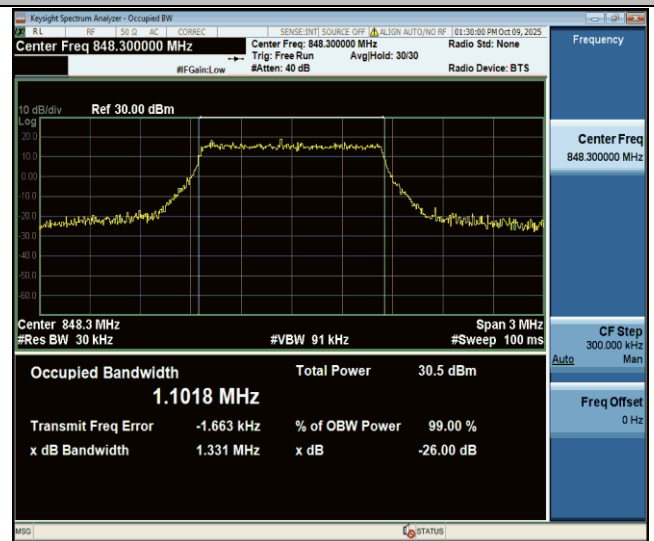
Band5-1.4MHz-64QAM-20525-6RB#0-PASS



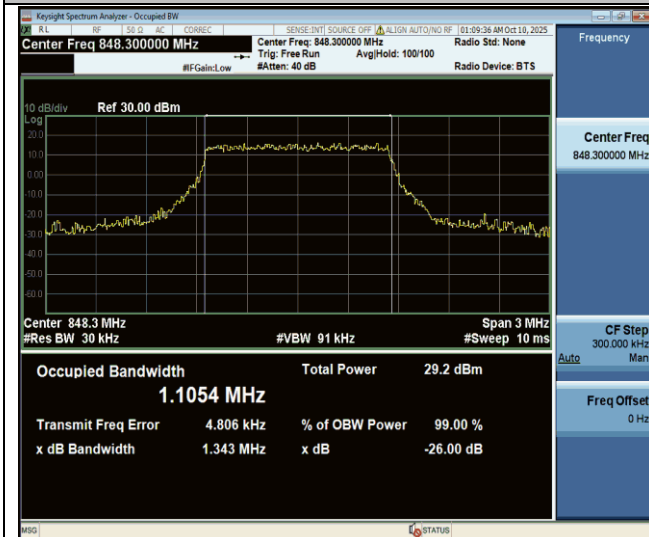
Band5-1.4MHz-256QAM-20525-6RB#0-PASS



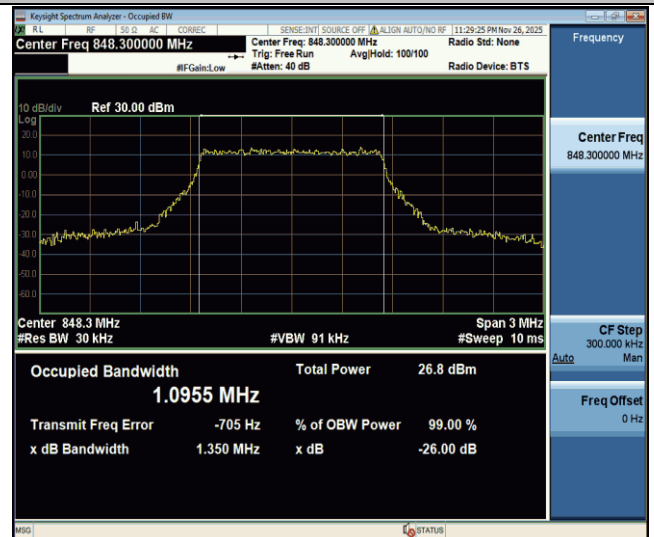
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



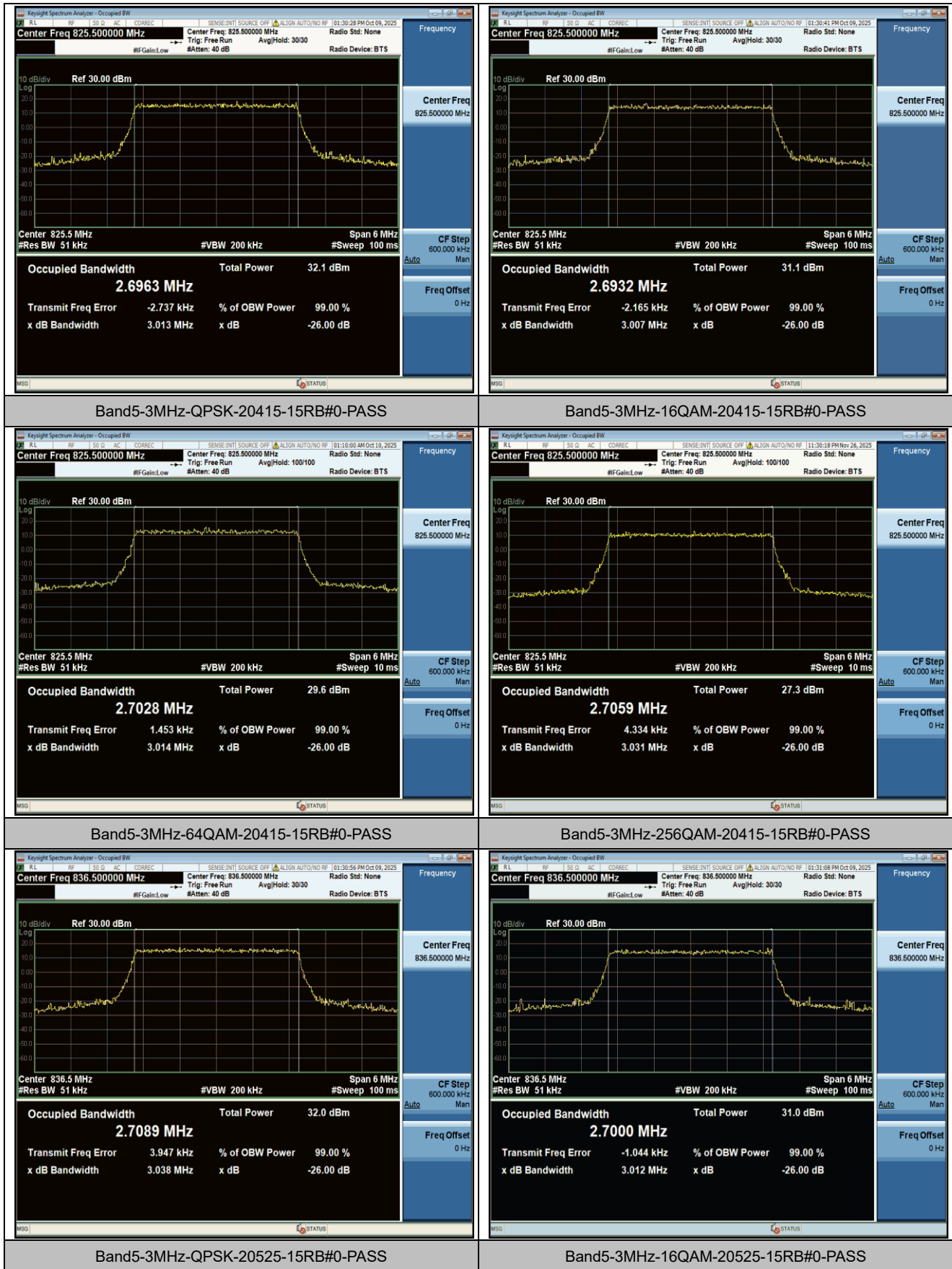
Band5-1.4MHz-16QAM-20643-6RB#0-PASS

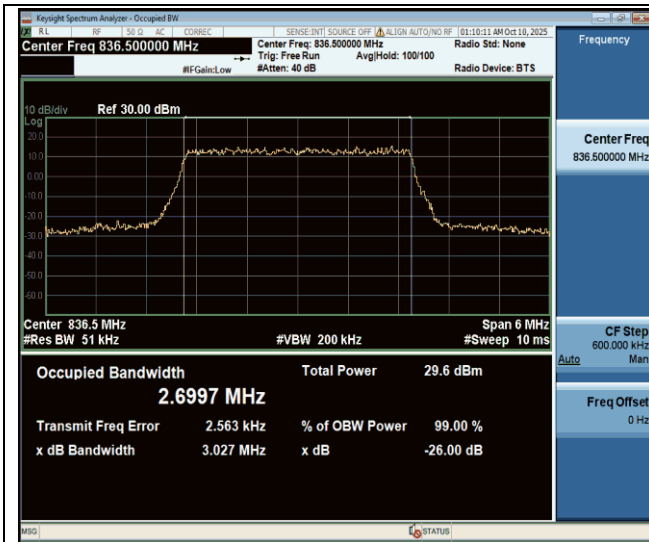


Band5-1.4MHz-64QAM-20643-6RB#0-PASS

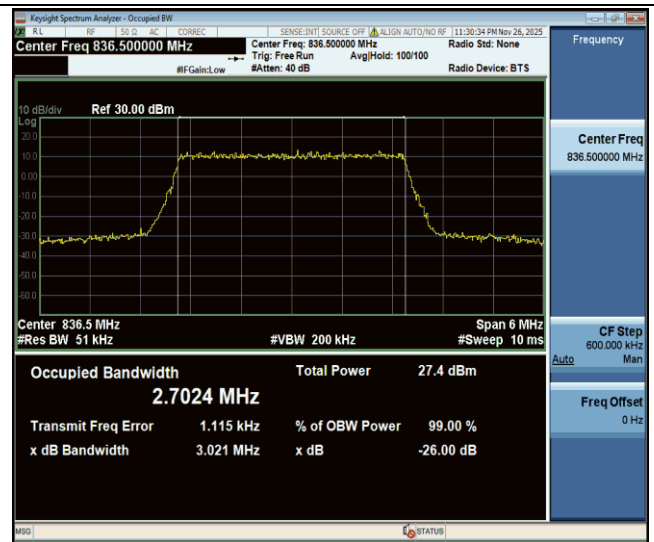


Band5-1.4MHz-256QAM-20643-6RB#0-PASS

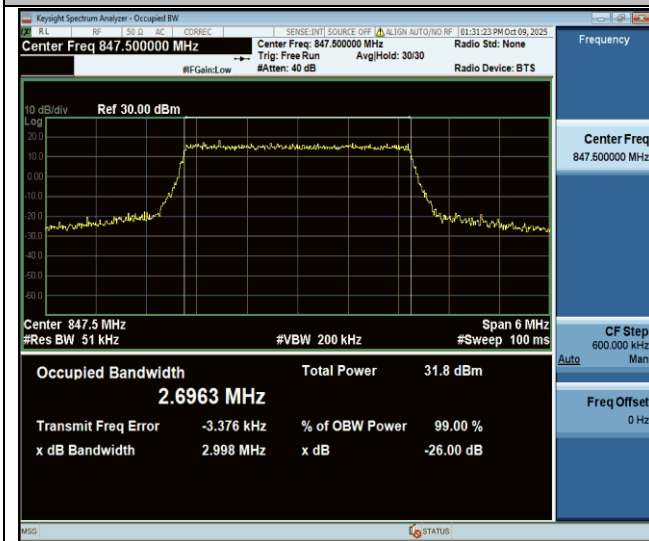




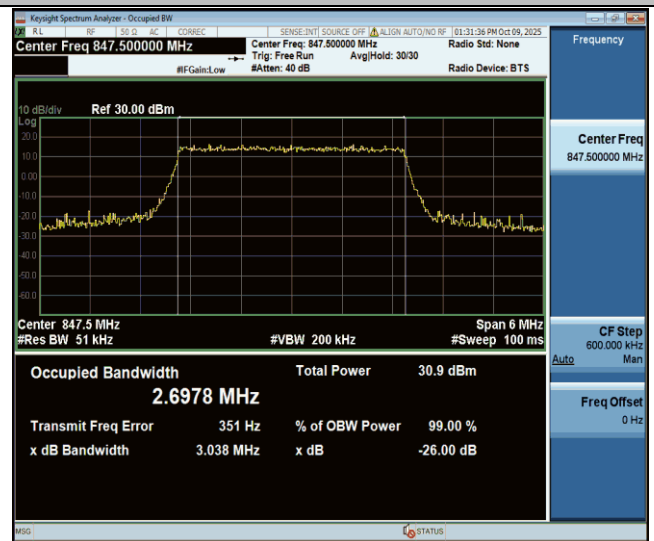
Band5-3MHz-64QAM-20525-15RB#0-PASS



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



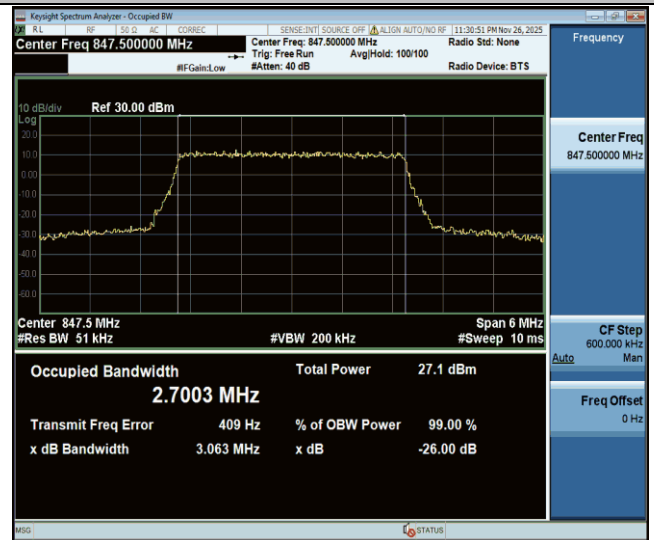
Band5-3MHz-64QAM-20635-15RB#0-PASS



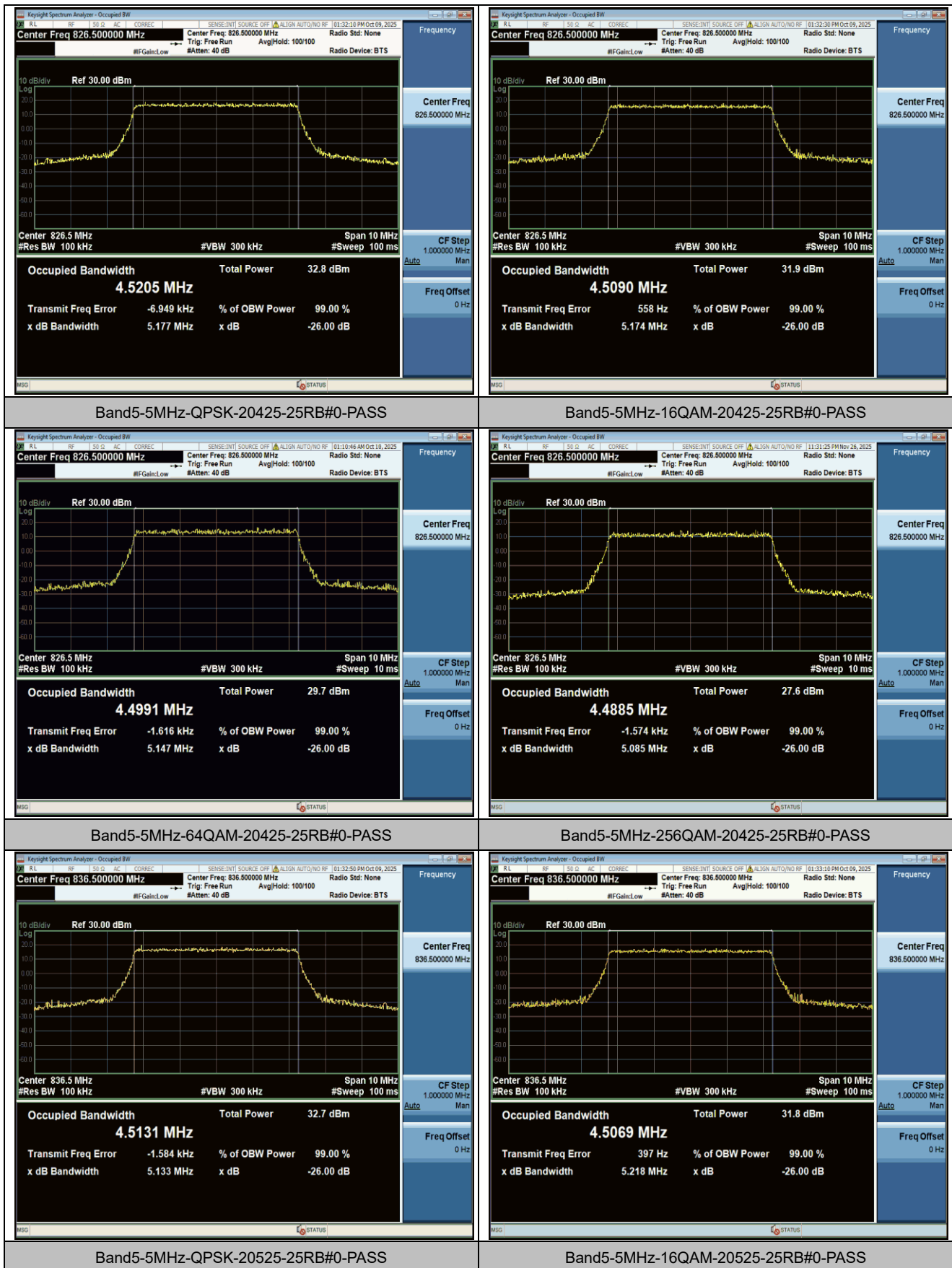
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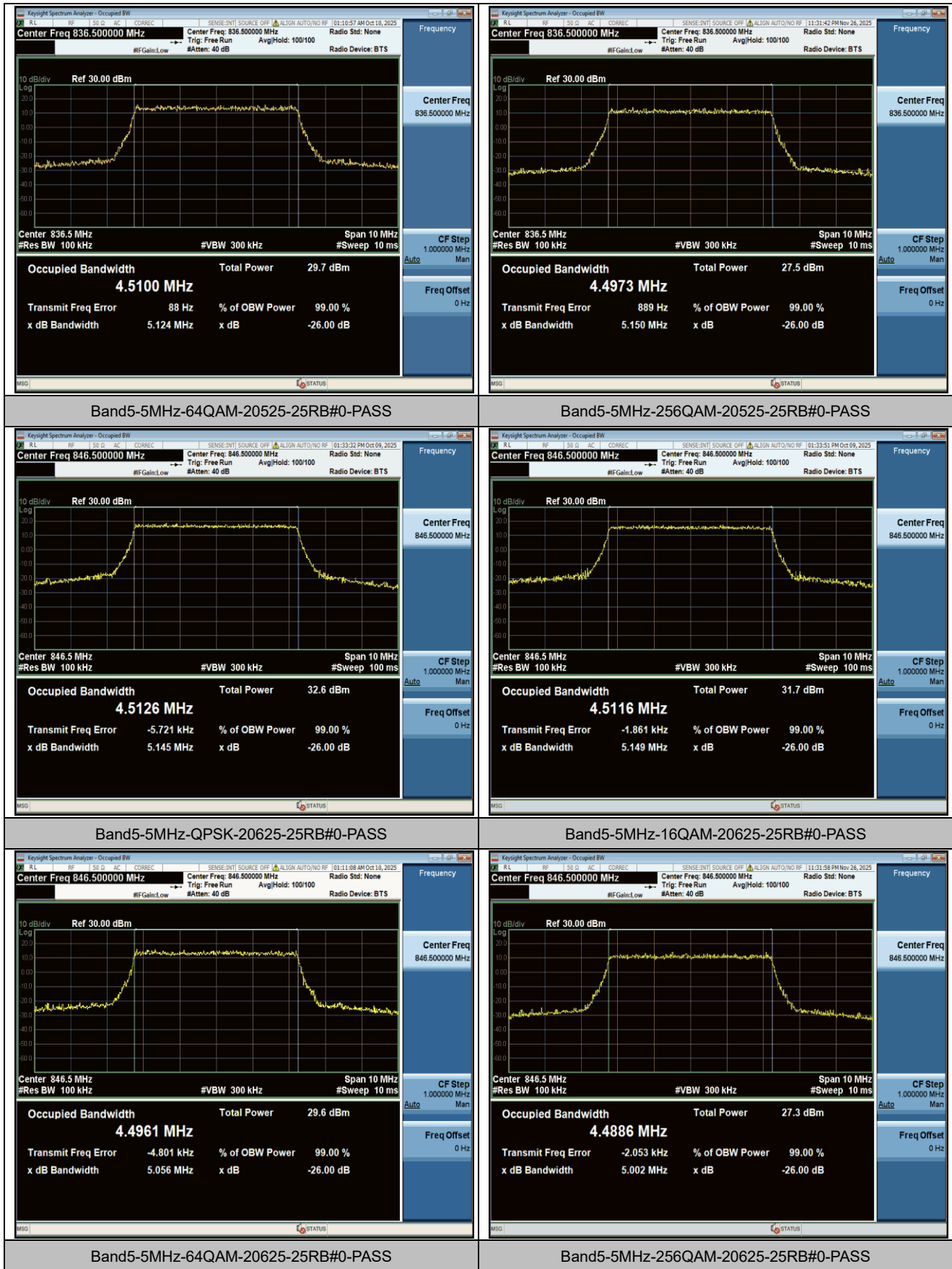


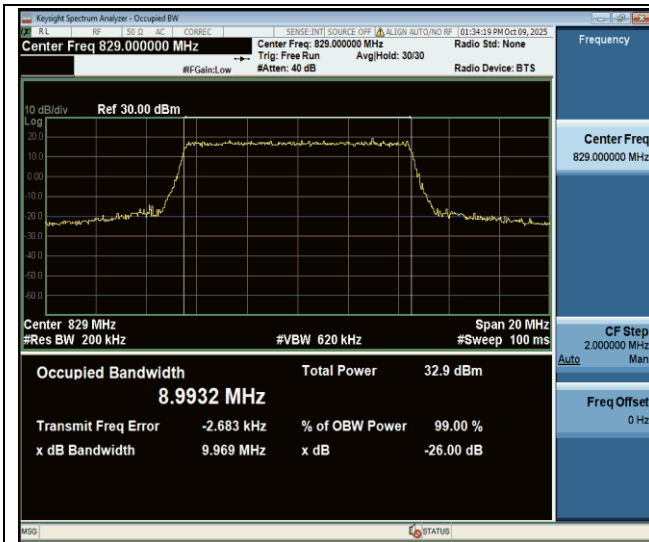
Band5-3MHz-64QAM-20635-15RB#0-PASS



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







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



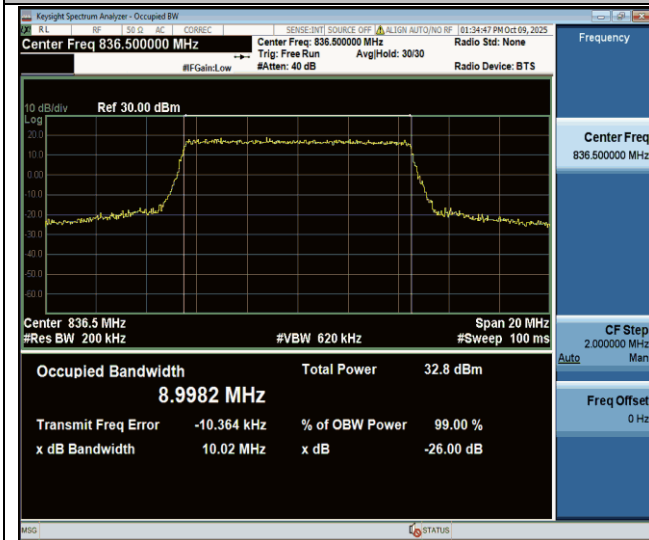
Band5-10MHz-16QAM-20450-50RB#0-PASS



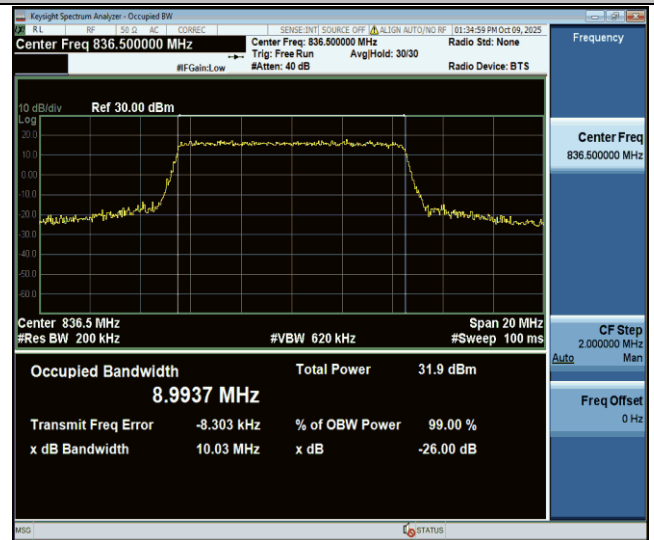
Band5-10MHz-64QAM-20450-50RB#0-PASS



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



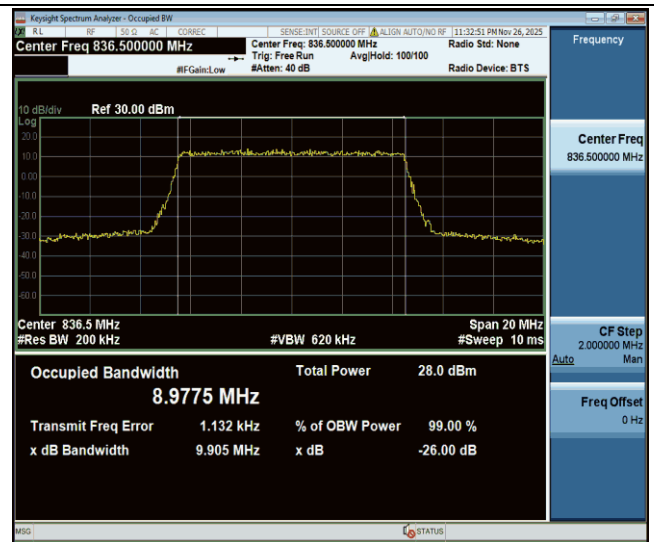
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



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



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



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



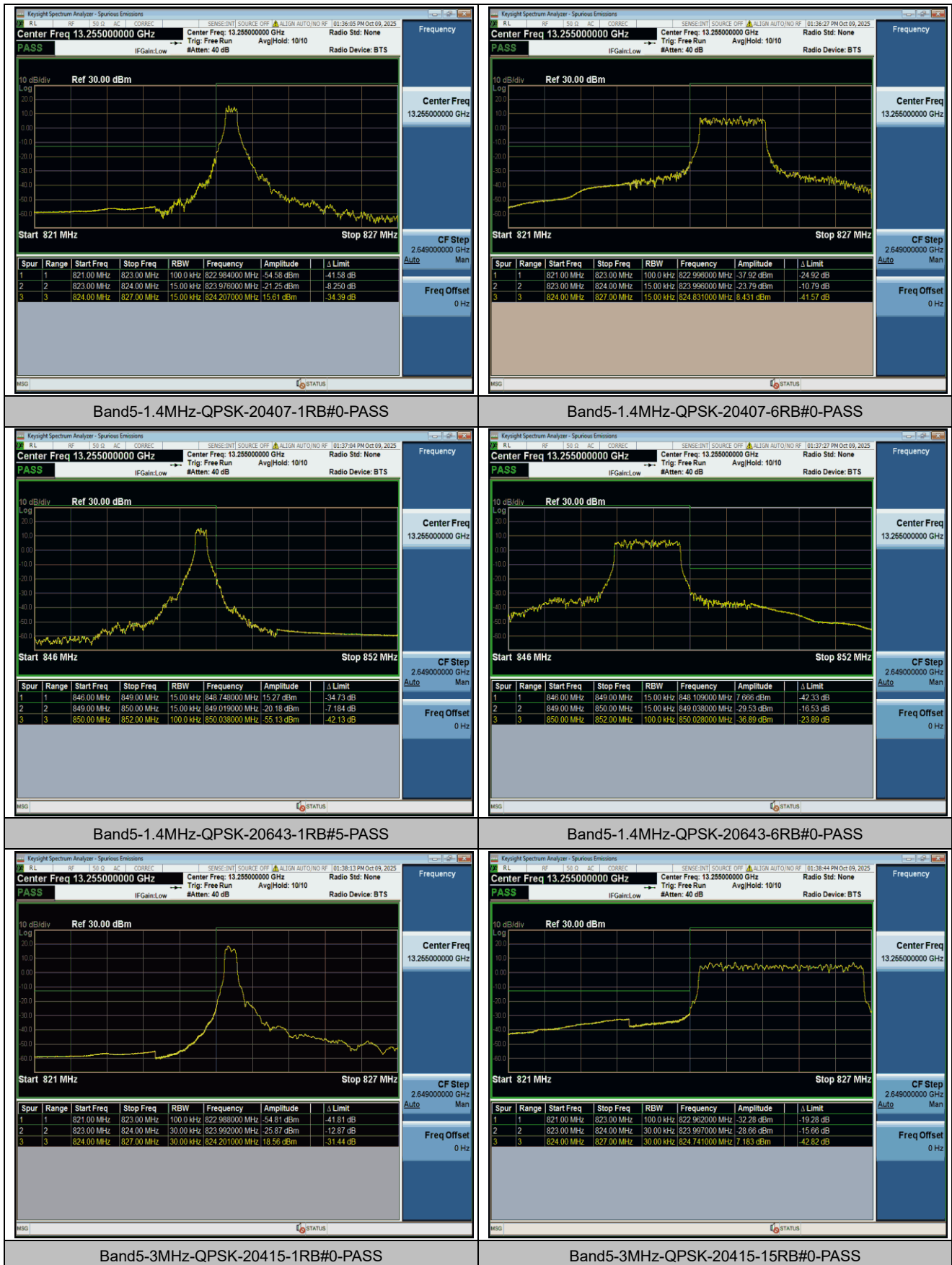
Band5-10MHz-64QAM-20600-50RB#0-PASS

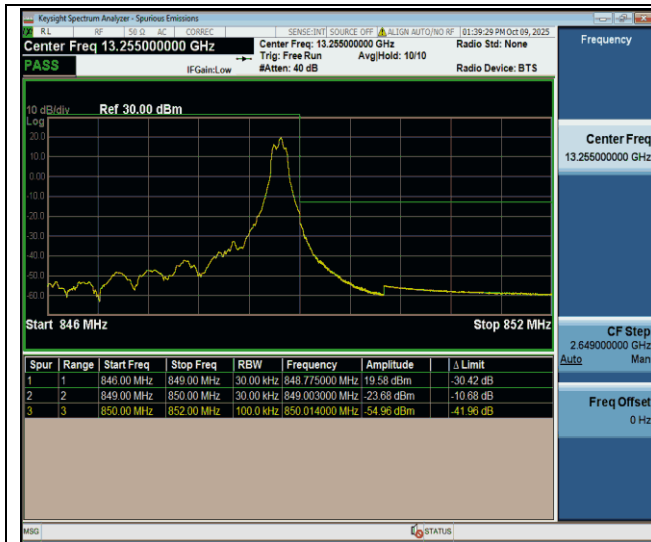


Band5-10MHz-256QAM-20600-50RB#0-PASS

Band Edge

Test Graphs

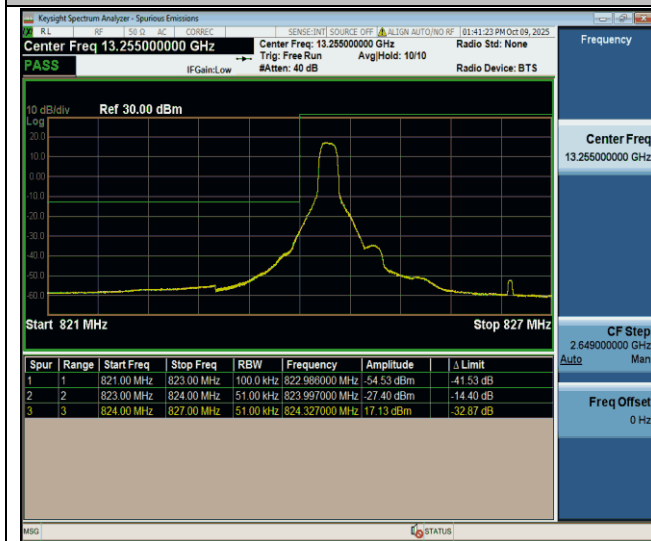




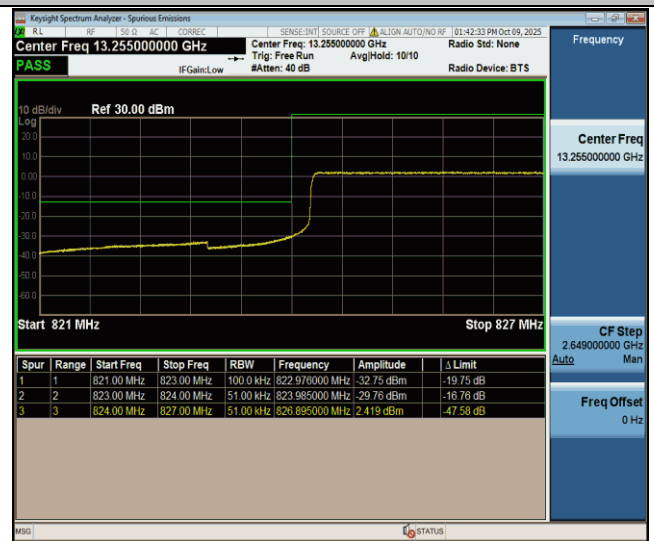
Band5-3MHz-QPSK-20635-1RB#14-PASS



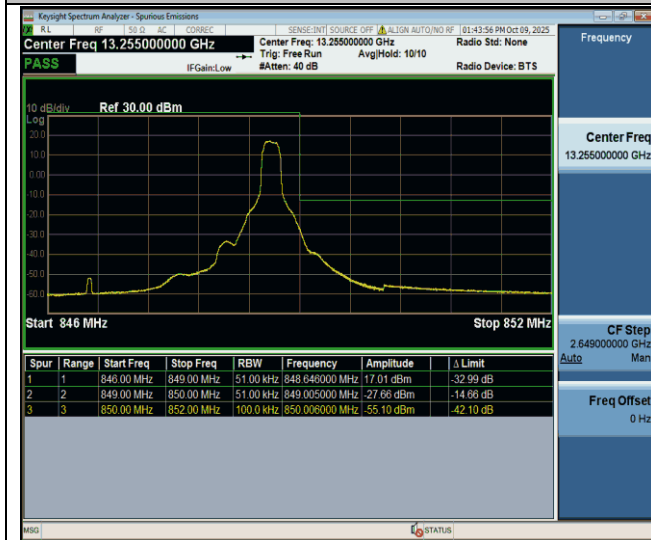
Band5-3MHz-QPSK-20635-15RB#0-PASS



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



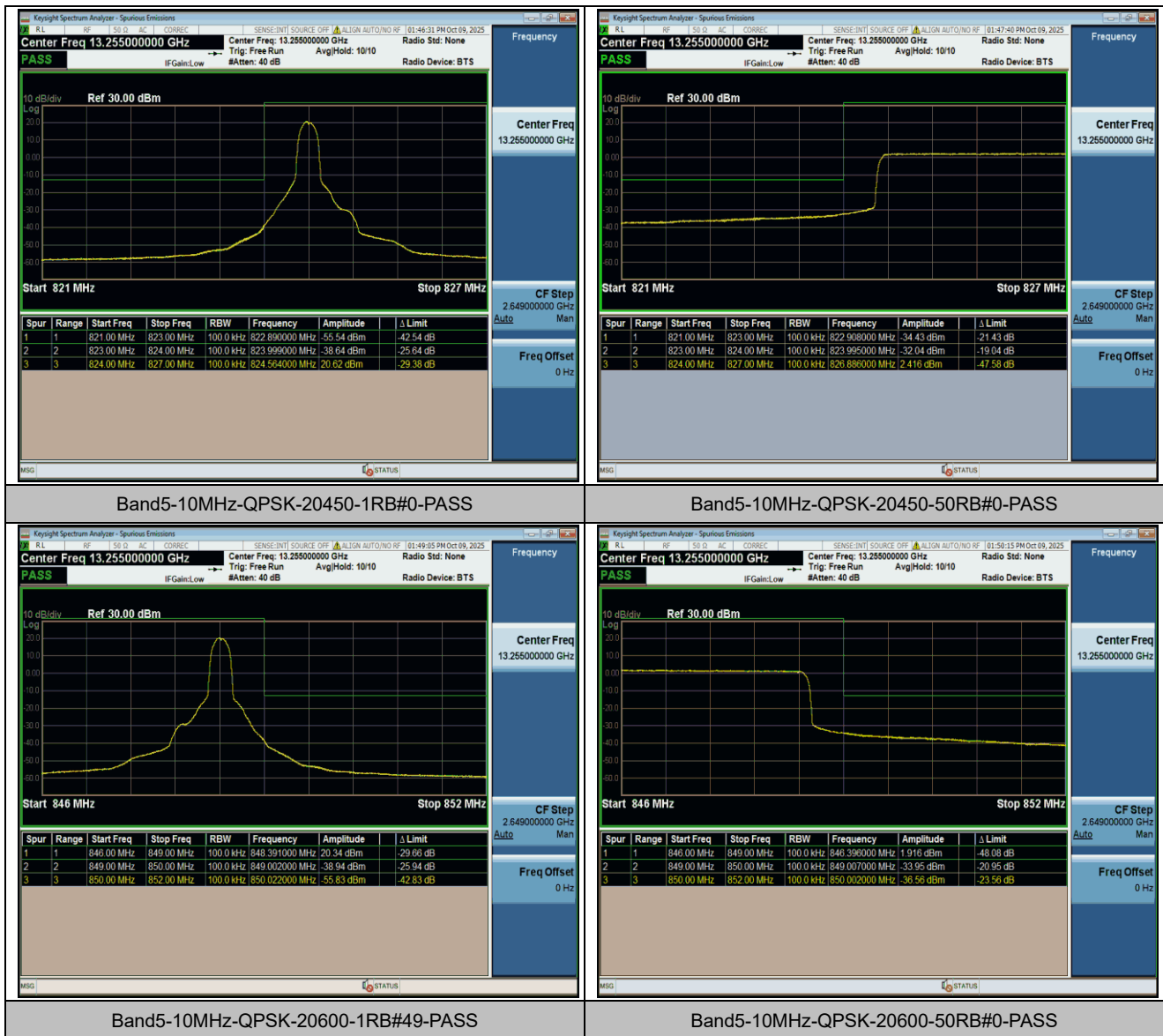
Band5-5MHz-QPSK-20425-25RB#0-PASS



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

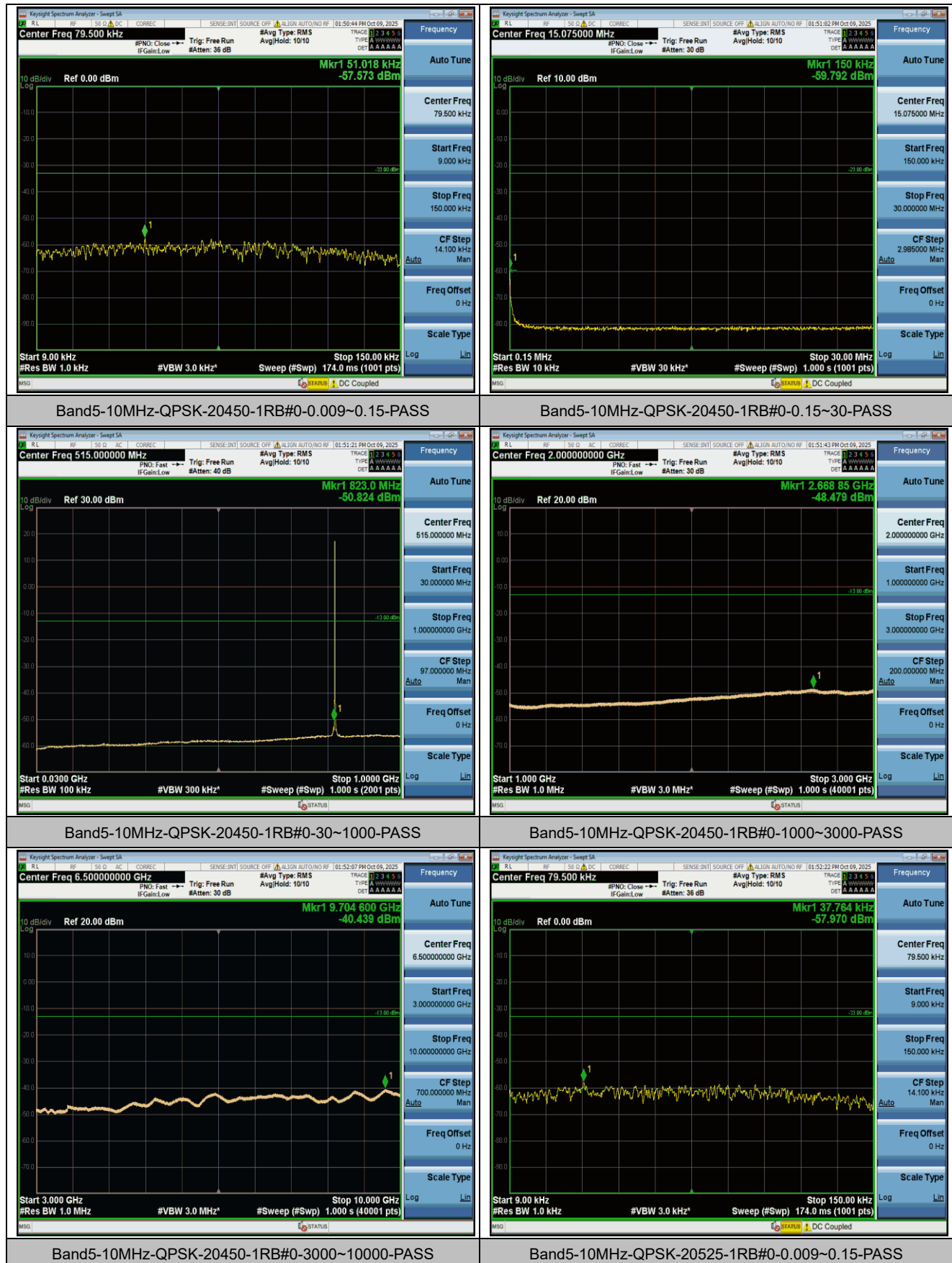


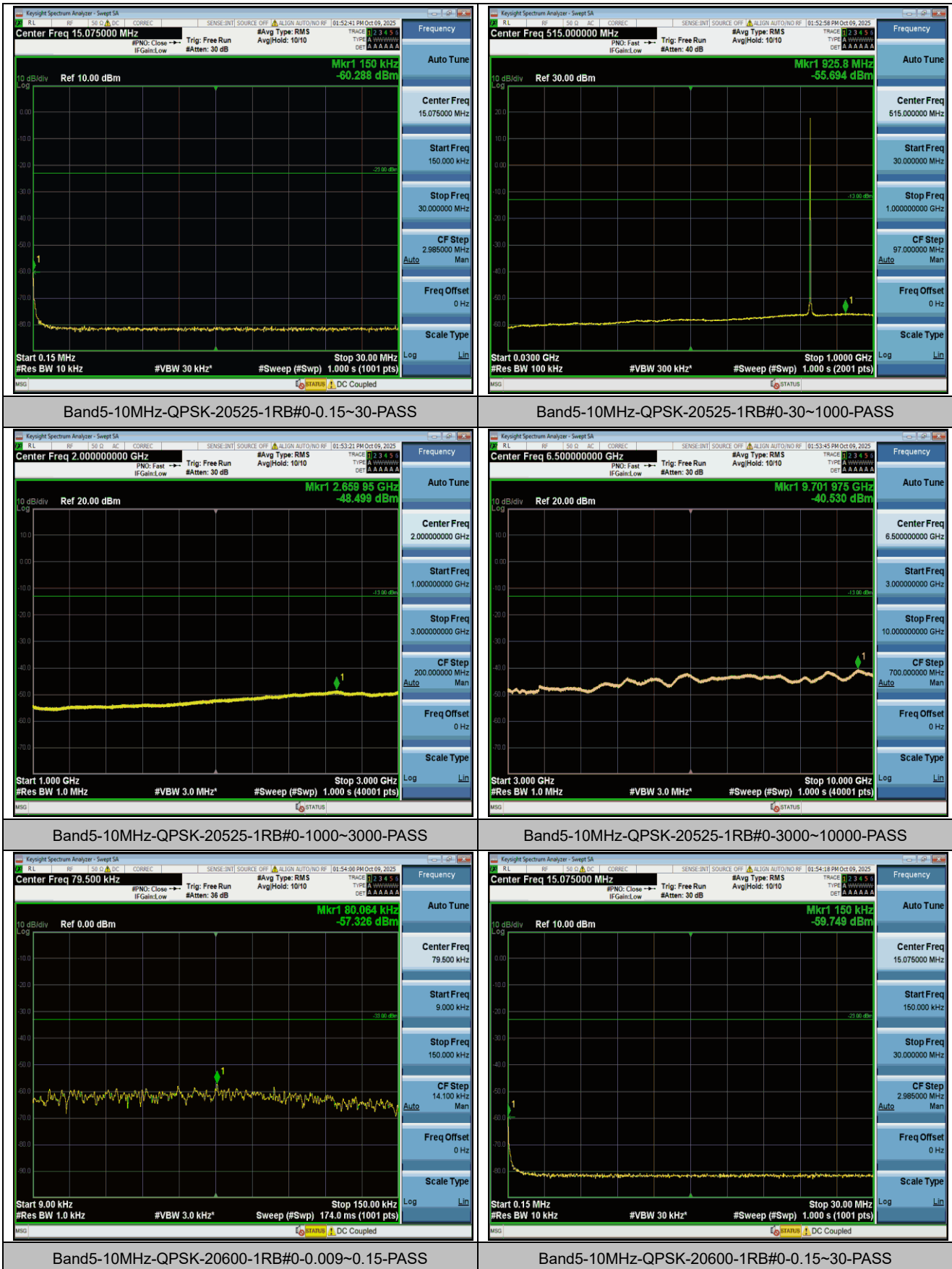
Band5-5MHz-QPSK-20625-25RB#0-PASS

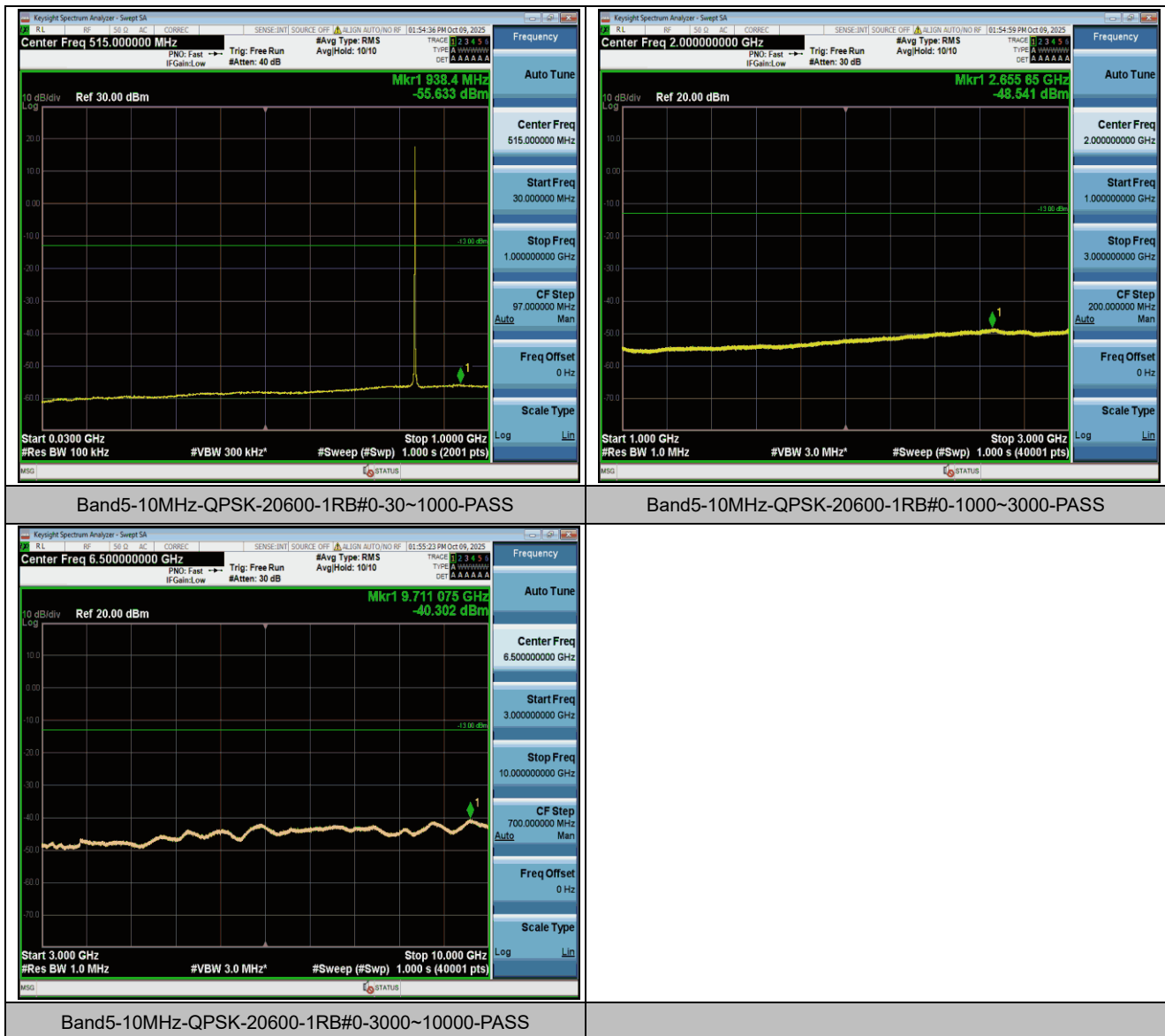


Conducted Spurious Emission

Test Graphs







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	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-0.40	-0.000478	±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	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.00	-0.001195	±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	0	-2.00	-0.002391	±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	20	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-1.50	-0.001793	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-0.80	-0.000956	±2.5	PASS

~The End~