

Appendix-C LTE Band 7

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.02	24.02	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.38	24.38	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.96	23.96	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.19	23.19	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.21	24.21	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.21	24.21	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.2	24.2	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.34	23.34	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.27	24.27	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.38	24.38	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.24	24.24	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.44	23.44	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.34	23.34	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.14	23.14	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.82	22.82	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.15	22.15	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.93	22.93	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.23	23.23	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.55	23.55	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.36	22.36	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.32	23.32	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.03	23.03	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.4	23.4	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.48	22.48	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.34	22.34	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.73	22.73	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.21	22.21	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.39	21.39	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.34	22.34	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.52	22.52	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.48	21.48	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.55	21.55	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.43	22.43	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.83	22.83	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.54	22.54	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.4	21.4	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.1	24.1	33.00	PASS

Band7	10MHz	QPSK	20800	1RB#24	23.35	24.35	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.01	24.01	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.15	23.15	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.33	24.33	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.45	24.45	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.22	24.22	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.43	23.43	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.1	24.1	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.56	24.56	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.26	24.26	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.26	23.26	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.22	23.22	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.64	23.64	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.78	22.78	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.22	22.22	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.91	23.91	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.04	23.04	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.42	23.42	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.3	22.3	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.32	23.32	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.97	23.97	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.67	23.67	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.34	22.34	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.85	21.85	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.51	22.51	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.23	22.23	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.16	21.16	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.48	22.48	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.64	22.64	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.29	22.29	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.38	21.38	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.53	21.53	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.86	22.86	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.52	22.52	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.25	21.25	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.21	24.21	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.08	24.08	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.87	23.87	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.2	23.2	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.24	24.24	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.12	24.12	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.25	24.25	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.44	23.44	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.11	24.11	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.09	24.09	33.00	PASS

Band7	15MHz	QPSK	21375	1RB#74	23.1	24.1	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.33	23.33	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.1	23.1	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.95	22.95	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.98	22.98	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.12	22.12	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.67	22.67	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.37	23.37	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.19	23.19	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.38	22.38	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.4	23.4	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.69	22.69	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.25	23.25	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.32	22.32	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.52	22.52	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.55	22.55	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.14	22.14	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.31	21.31	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.71	22.71	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.65	22.65	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.37	22.37	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.38	21.38	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.36	22.36	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.62	22.62	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.37	22.37	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.22	21.22	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.28	24.28	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.43	24.43	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.92	23.92	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.1	23.1	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.05	24.05	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.52	24.52	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.07	24.07	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.36	23.36	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.93	23.93	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.22	24.22	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.03	24.03	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.28	23.28	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.39	23.39	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.97	22.97	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.47	23.47	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.09	22.09	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.9	22.9	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.07	24.07	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.23	23.23	33.00	PASS

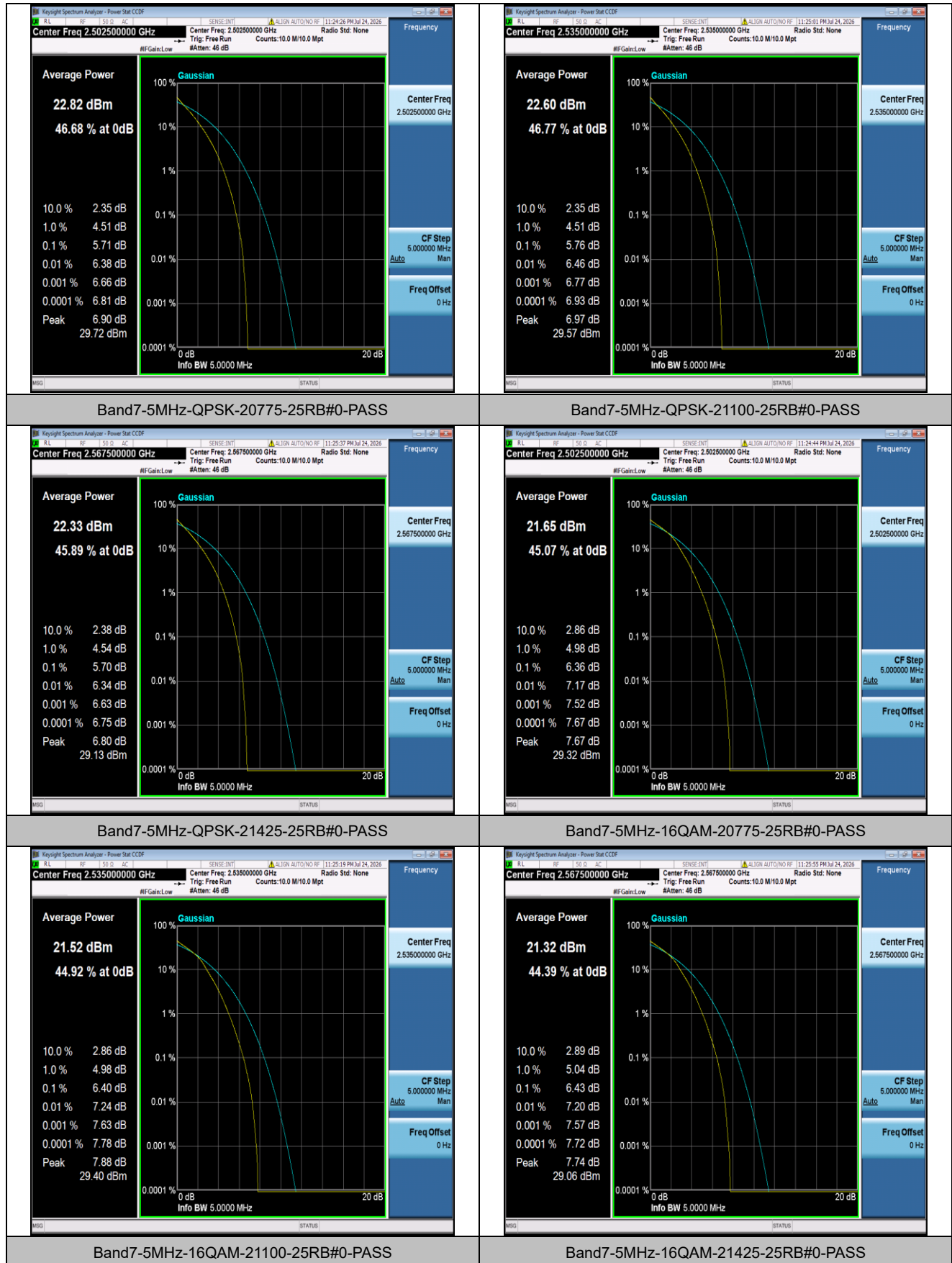
Band7	20MHz	16QAM	21100	100RB#0	21.28	22.28	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.8	22.8	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.04	23.04	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.16	23.16	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.31	22.31	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.26	22.26	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.41	22.41	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.14	22.14	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.1	21.1	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.25	22.25	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.42	22.42	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.41	22.41	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.37	21.37	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.04	21.04	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.47	22.47	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.57	22.57	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.23	21.23	33.00	PASS

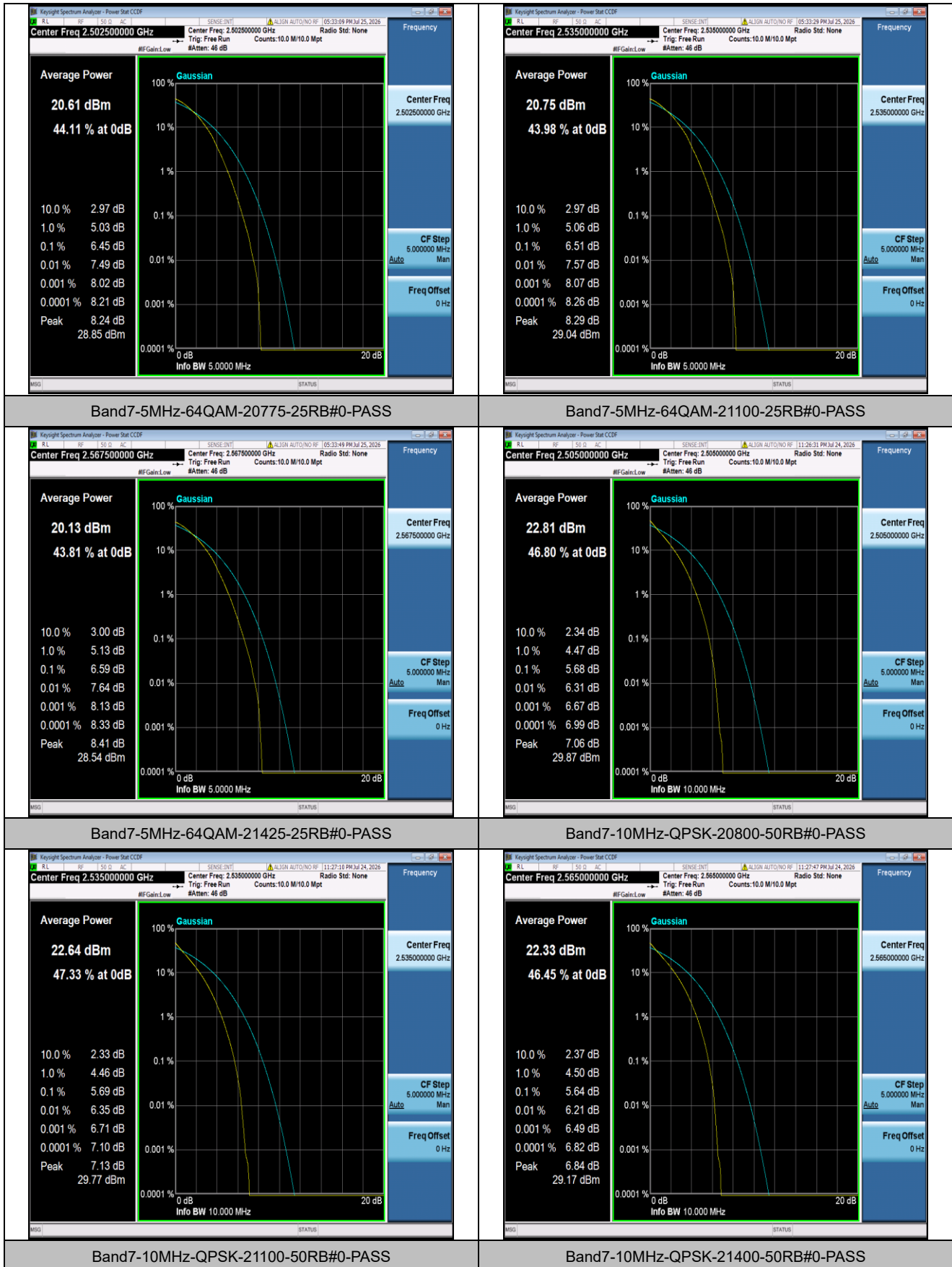
Peak-to-Average Ratio(CCDF)

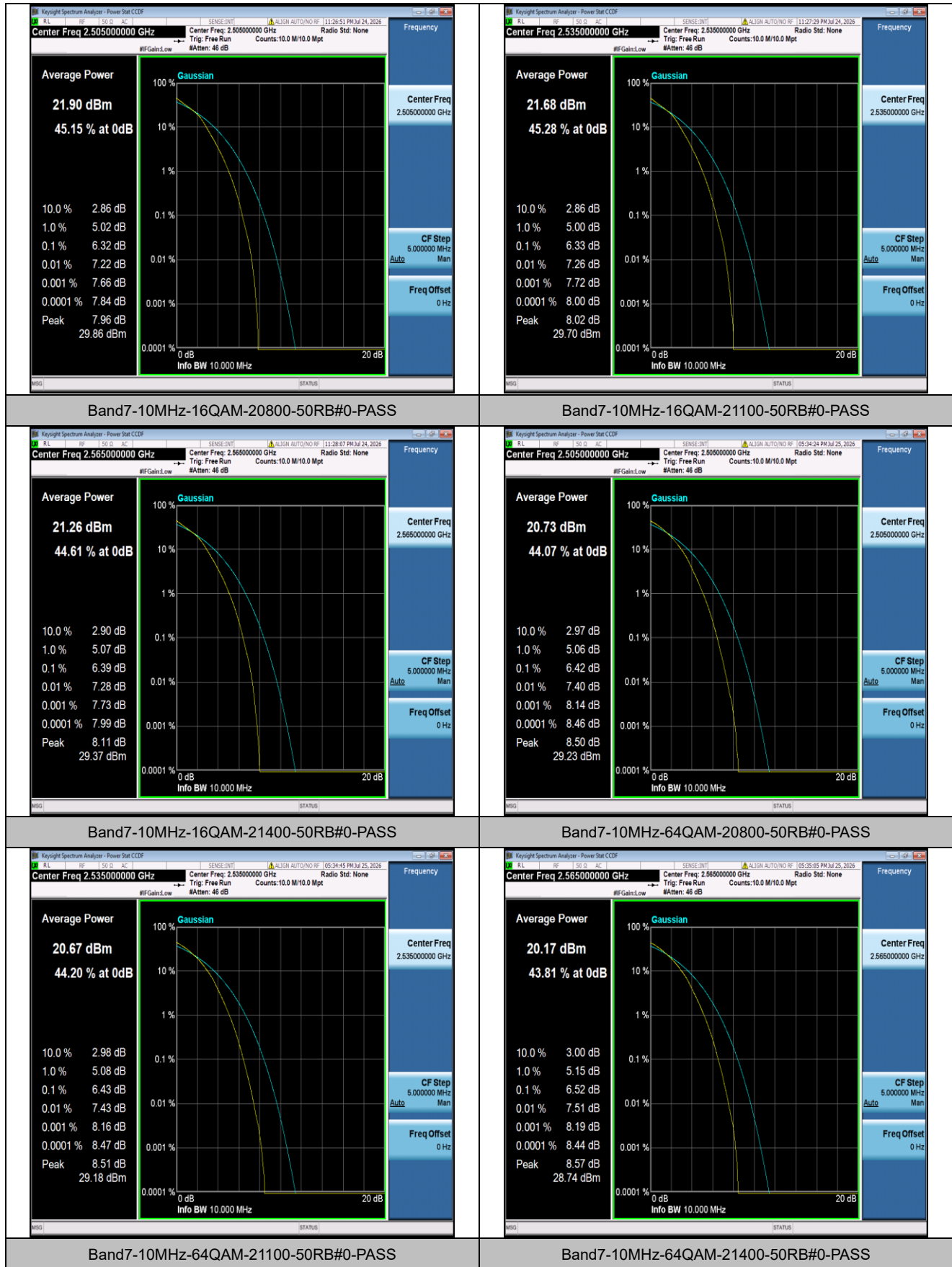
Test Result

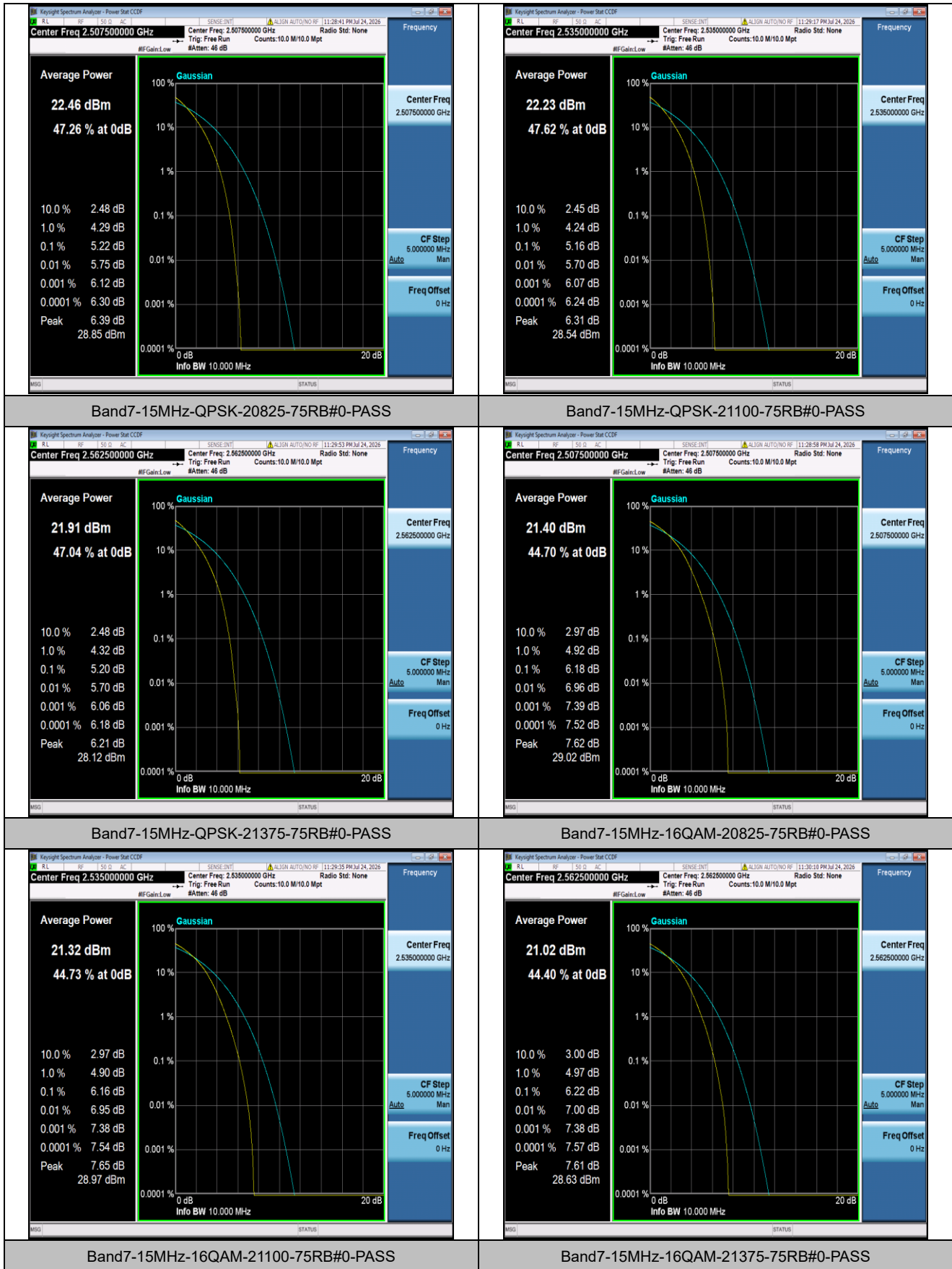
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.71	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.76	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.70	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.36	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.40	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.43	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	6.45	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.51	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	6.59	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.68	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.69	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.64	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.32	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.33	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.39	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	6.42	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.43	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	6.52	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.22	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.16	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.20	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.18	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.16	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.22	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	6.33	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	6.31	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	6.40	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.56	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.50	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.54	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.33	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.29	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.40	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.46	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.41	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.55	13	PASS

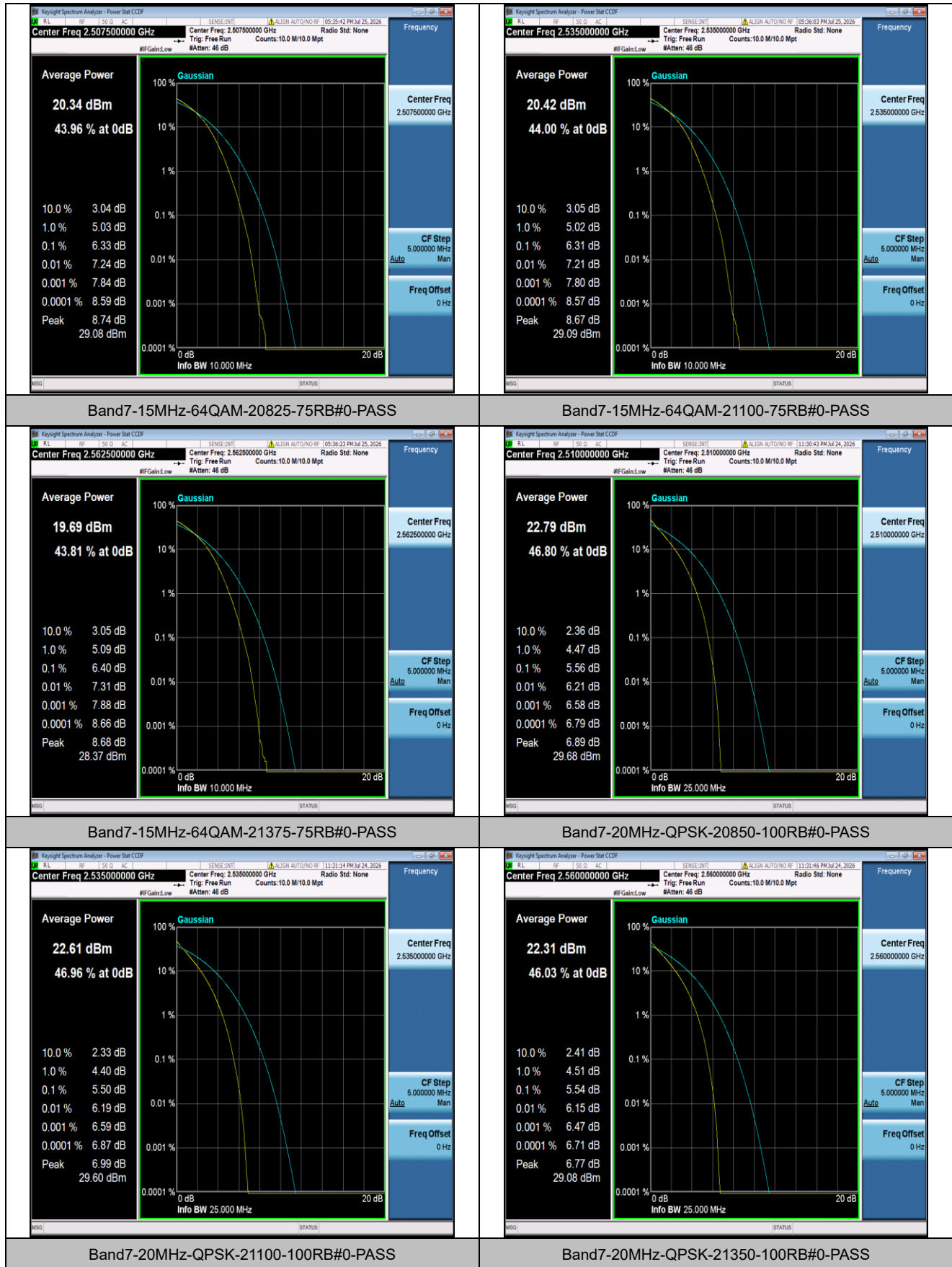
Test Graphs

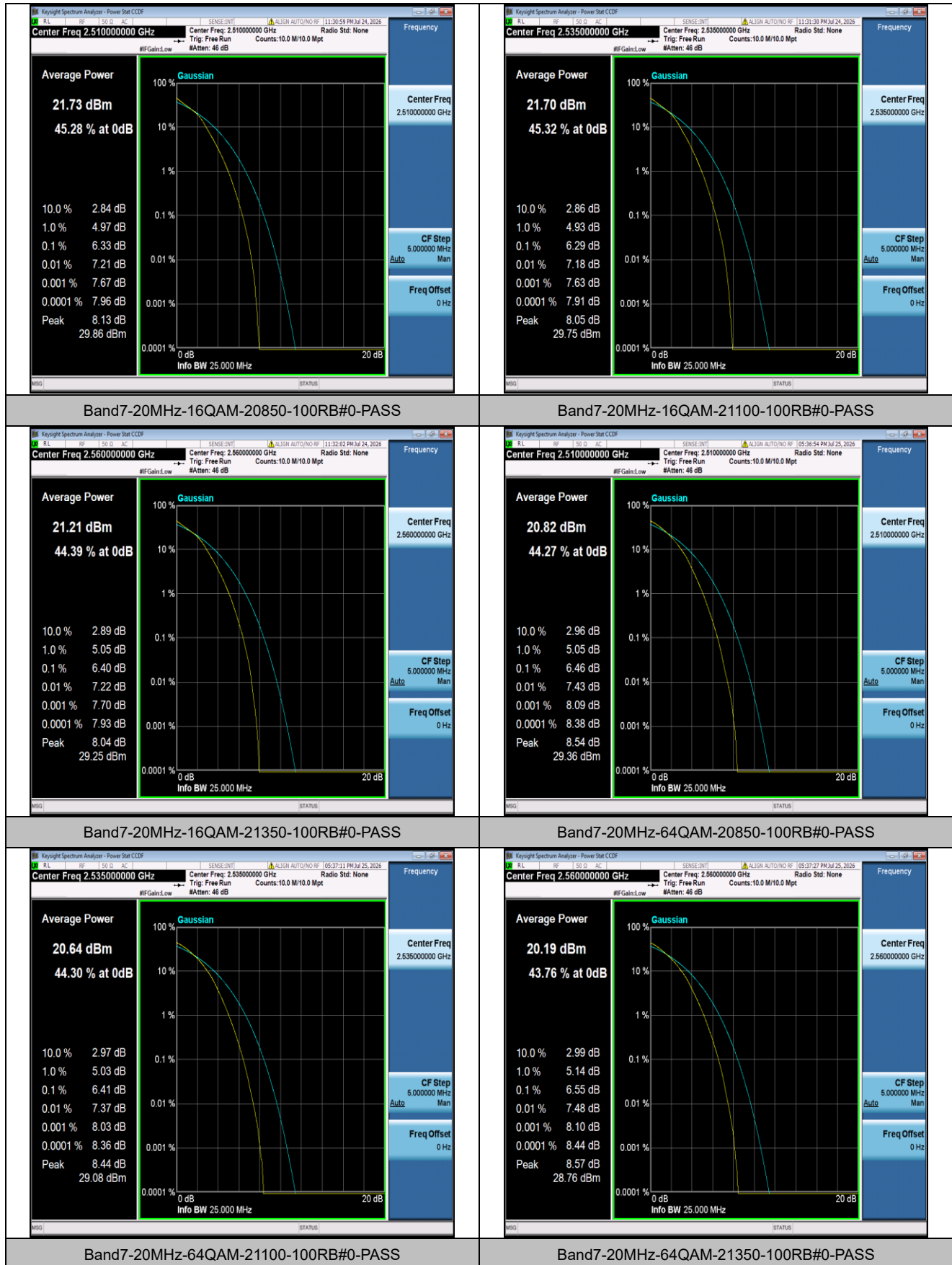












26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4853	4.985	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4850	4.990	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4857	4.990	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4823	4.990	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4833	5.004	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4901	4.986	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.4938	4.990	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.4897	4.974	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.4968	4.977	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9688	9.809	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9919	9.810	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9681	9.798	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9451	9.856	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9397	9.850	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9502	9.788	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9683	9.890	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9620	9.828	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.9701	9.877	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.452	14.73	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.435	14.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.479	14.75	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.437	14.76	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.424	14.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.447	14.84	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.439	14.74	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.407	14.71	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.452	14.81	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.958	19.61	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.954	19.50	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.970	19.54	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.924	19.48	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.856	19.46	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.949	19.49	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.920	19.53	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.885	19.41	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.938	19.66	PASS

Test Graphs

