

Appendix-A 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	24.21	25.61	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	24.15	25.55	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	24.15	25.55	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.48	24.88	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.66	25.06	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.45	24.85	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.47	24.87	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.46	23.86	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	23.39	24.79	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	23.52	24.92	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	23.17	24.57	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	22.25	23.65	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#0	20.21	21.61	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#12	20.32	21.72	33.00	PASS
Band7	5MHz	256QAM	20775	1RB#24	20.15	21.55	33.00	PASS
Band7	5MHz	256QAM	20775	25RB#0	20.3	21.7	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	24.12	25.52	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	24.19	25.59	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.98	25.38	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.39	24.79	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.36	24.76	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.61	25.01	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.38	24.78	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.43	23.83	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	23.39	24.79	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	23.29	24.69	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	23.15	24.55	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	22.2	23.6	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#0	20.01	21.41	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#12	19.96	21.36	33.00	PASS
Band7	5MHz	256QAM	21100	1RB#24	20.08	21.48	33.00	PASS
Band7	5MHz	256QAM	21100	25RB#0	20.23	21.63	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	24.03	25.43	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	24.08	25.48	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	24.15	25.55	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.26	24.66	33.00	PASS

Band7	5MHz	16QAM	21425	1RB#0	23.47	24.87	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.48	24.88	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.22	24.62	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.39	23.79	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	23.01	24.41	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	23.06	24.46	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.5	23.9	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	21.66	23.06	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#0	20.22	21.62	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#12	20.34	21.74	33.00	PASS
Band7	5MHz	256QAM	21425	1RB#24	20.2	21.6	33.00	PASS
Band7	5MHz	256QAM	21425	25RB#0	20.28	21.68	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.15	25.55	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	24.21	25.61	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	24.1	25.5	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.61	25.01	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.32	24.72	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.54	24.94	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.44	24.84	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.54	23.94	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	23.36	24.76	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	23.27	24.67	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	23.33	24.73	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	22.33	23.73	33.00	PASS
Band7	10MHz	256QAM	20800	1RB#0	20.63	22.03	33.00	PASS
Band7	10MHz	256QAM	20800	1RB#24	20.13	21.53	33.00	PASS
Band7	10MHz	256QAM	20800	1RB#49	20.57	21.97	33.00	PASS
Band7	10MHz	256QAM	20800	50RB#0	20.43	21.83	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	24.07	25.47	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	24.18	25.58	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	24.06	25.46	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	23.48	24.88	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.35	24.75	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.45	24.85	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.49	24.89	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.54	23.94	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	23.52	24.92	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	23.55	24.95	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	23.29	24.69	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	22.27	23.67	33.00	PASS
Band7	10MHz	256QAM	21100	1RB#0	20.27	21.67	33.00	PASS
Band7	10MHz	256QAM	21100	1RB#24	20.2	21.6	33.00	PASS
Band7	10MHz	256QAM	21100	1RB#49	20.31	21.71	33.00	PASS
Band7	10MHz	256QAM	21100	50RB#0	20.29	21.69	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.04	25.44	33.00	PASS

Band7	10MHz	QPSK	21400	1RB#24	24.11	25.51	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	24.08	25.48	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	23.42	24.82	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.47	24.87	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.52	24.92	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.32	24.72	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.58	23.98	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	23.53	24.93	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	22.97	24.37	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	22.46	23.86	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	21.81	23.21	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#0	20.37	21.77	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#24	20.23	21.63	33.00	PASS
Band7	10MHz	256QAM	21400	1RB#49	20.83	22.23	33.00	PASS
Band7	10MHz	256QAM	21400	50RB#0	20.34	21.74	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	24.12	25.52	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	24.17	25.57	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.9	25.3	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.48	24.88	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.73	25.13	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.75	25.15	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	23.62	25.02	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.43	23.83	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	23.31	24.71	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	23.6	25	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	23.46	24.86	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	22.22	23.62	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#0	20.91	22.31	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#38	20.21	21.61	33.00	PASS
Band7	15MHz	256QAM	20825	1RB#74	20.54	21.94	33.00	PASS
Band7	15MHz	256QAM	20825	75RB#0	20.26	21.66	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	24.13	25.53	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	24.02	25.42	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.95	25.35	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.55	24.95	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.34	24.74	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.49	24.89	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.43	24.83	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.51	23.91	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	23.37	24.77	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	23.42	24.82	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	23.12	24.52	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	22.29	23.69	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#0	20.46	21.86	33.00	PASS
Band7	15MHz	256QAM	21100	1RB#38	20.37	21.77	33.00	PASS

Band7	15MHz	256QAM	21100	1RB#74	20.62	22.02	33.00	PASS
Band7	15MHz	256QAM	21100	75RB#0	20.21	21.61	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	24.13	25.53	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.06	25.46	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	24.19	25.59	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.48	24.88	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.48	24.88	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.62	25.02	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.22	24.62	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.49	23.89	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	23.52	24.92	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	23	24.4	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	22.79	24.19	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	22.1	23.5	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#0	20.34	21.74	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#38	20.25	21.65	33.00	PASS
Band7	15MHz	256QAM	21375	1RB#74	20.91	22.31	33.00	PASS
Band7	15MHz	256QAM	21375	75RB#0	20.28	21.68	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	24.17	25.57	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	24.12	25.52	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	24.09	25.49	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.7	25.1	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	23.59	24.99	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.48	24.88	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.69	25.09	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.67	24.07	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	23.81	25.21	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	23.14	24.54	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	23.23	24.63	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	22.37	23.77	33.00	PASS
Band7	20MHz	256QAM	20850	1RB#0	20.63	22.03	33.00	PASS
Band7	20MHz	256QAM	20850	1RB#49	20.5	21.9	33.00	PASS
Band7	20MHz	256QAM	20850	1RB#99	20.57	21.97	33.00	PASS
Band7	20MHz	256QAM	20850	100RB#0	20.41	21.81	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.98	25.38	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.02	25.42	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.96	25.36	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	23.61	25.01	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.53	24.93	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.32	24.72	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.2	24.6	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.59	23.99	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	23.45	24.85	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	23.18	24.58	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	23.25	24.65	33.00	PASS

Band7	20MHz	64QAM	21100	100RB#0	22.26	23.66	33.00	PASS
Band7	20MHz	256QAM	21100	1RB#0	20.22	21.62	33.00	PASS
Band7	20MHz	256QAM	21100	1RB#49	20.14	21.54	33.00	PASS
Band7	20MHz	256QAM	21100	1RB#99	20.61	22.01	33.00	PASS
Band7	20MHz	256QAM	21100	100RB#0	20.4	21.8	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	24.11	25.51	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	24.01	25.41	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	24.13	25.53	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.58	24.98	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.31	24.71	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.43	24.83	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.15	24.55	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.66	24.06	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	23.41	24.81	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	23.48	24.88	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	22.4	23.8	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	22.35	23.75	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#0	20.65	22.05	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#49	20.42	21.82	33.00	PASS
Band7	20MHz	256QAM	21350	1RB#99	21.1	22.5	33.00	PASS
Band7	20MHz	256QAM	21350	100RB#0	20.49	21.89	33.00	PASS

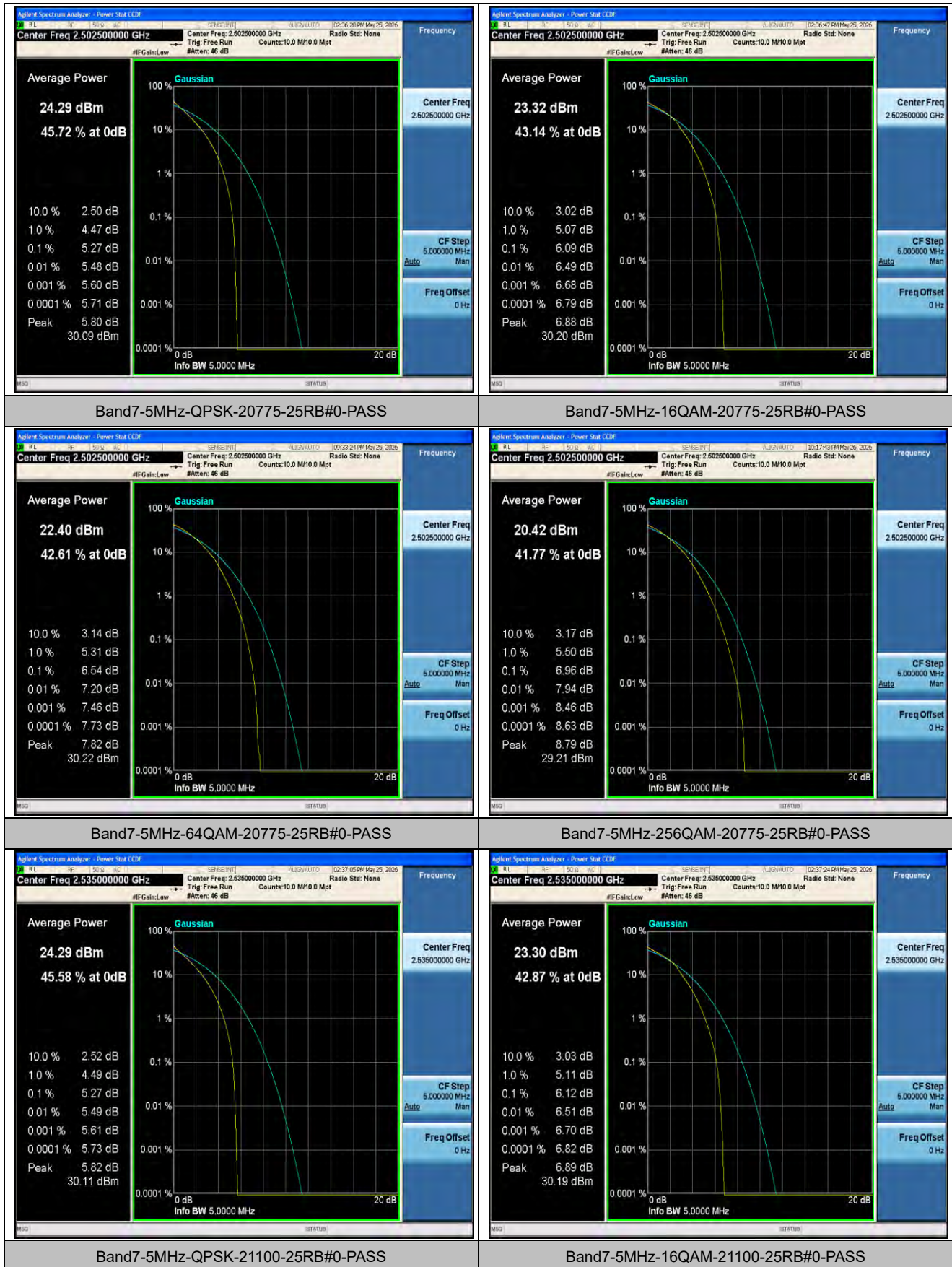
Peak-to-Average Ratio(CCDF)

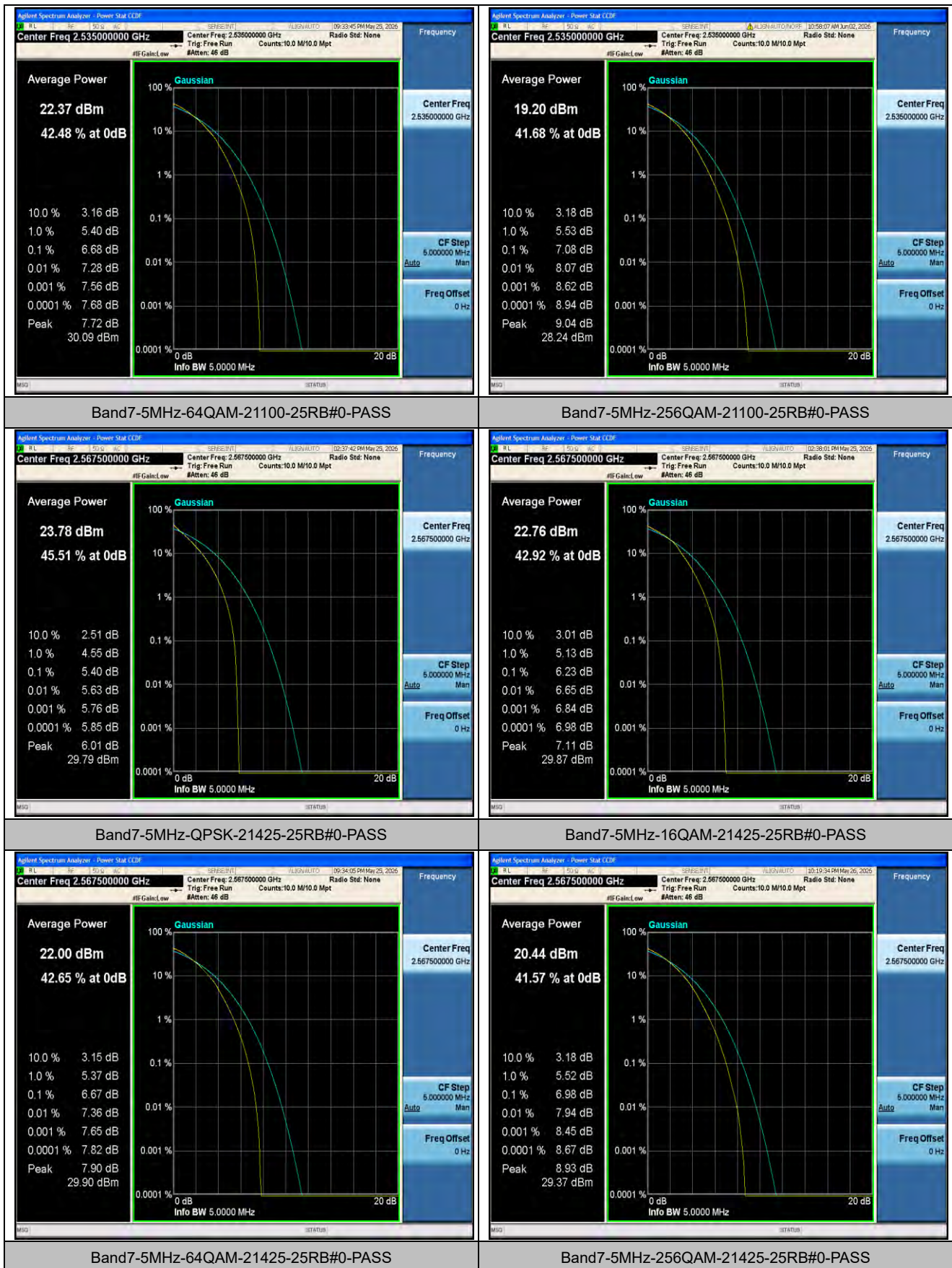
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.27	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.09	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	6.54	13	PASS
Band7	5MHz	256QAM	20775	25RB#0	6.96	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.27	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.12	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.68	13	PASS
Band7	5MHz	256QAM	21100	25RB#0	7.08	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.40	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.23	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	6.67	13	PASS
Band7	5MHz	256QAM	21425	25RB#0	6.98	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.22	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.02	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	6.50	13	PASS
Band7	10MHz	256QAM	20800	50RB#0	6.92	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.24	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.05	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.58	13	PASS
Band7	10MHz	256QAM	21100	50RB#0	7.01	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.46	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.23	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	6.55	13	PASS
Band7	10MHz	256QAM	21400	50RB#0	7.00	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.08	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.01	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	6.46	13	PASS
Band7	15MHz	256QAM	20825	75RB#0	6.75	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.08	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.03	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	6.48	13	PASS
Band7	15MHz	256QAM	21100	75RB#0	7.25	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.12	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.07	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	6.42	13	PASS
Band7	15MHz	256QAM	21375	75RB#0	6.80	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.08	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.95	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.48	13	PASS

Band7	20MHz	256QAM	20850	100RB#0	6.93	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.08	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.98	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.58	13	PASS
Band7	20MHz	256QAM	21100	100RB#0	6.97	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.13	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.98	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.44	13	PASS
Band7	20MHz	256QAM	21350	100RB#0	6.99	13	PASS

Test Graphs







Band7-10MHz-QPSK-20800-50RB#0-PASS



Band7-10MHz-16QAM-20800-50RB#0-PASS



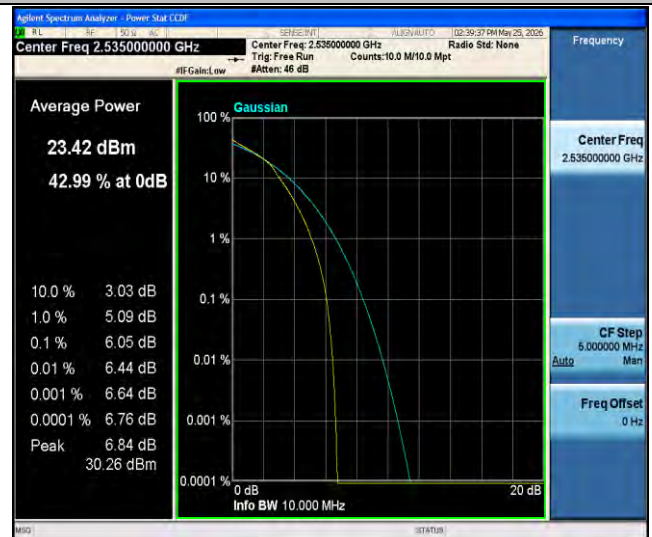
Band7-10MHz-64QAM-20800-50RB#0-PASS



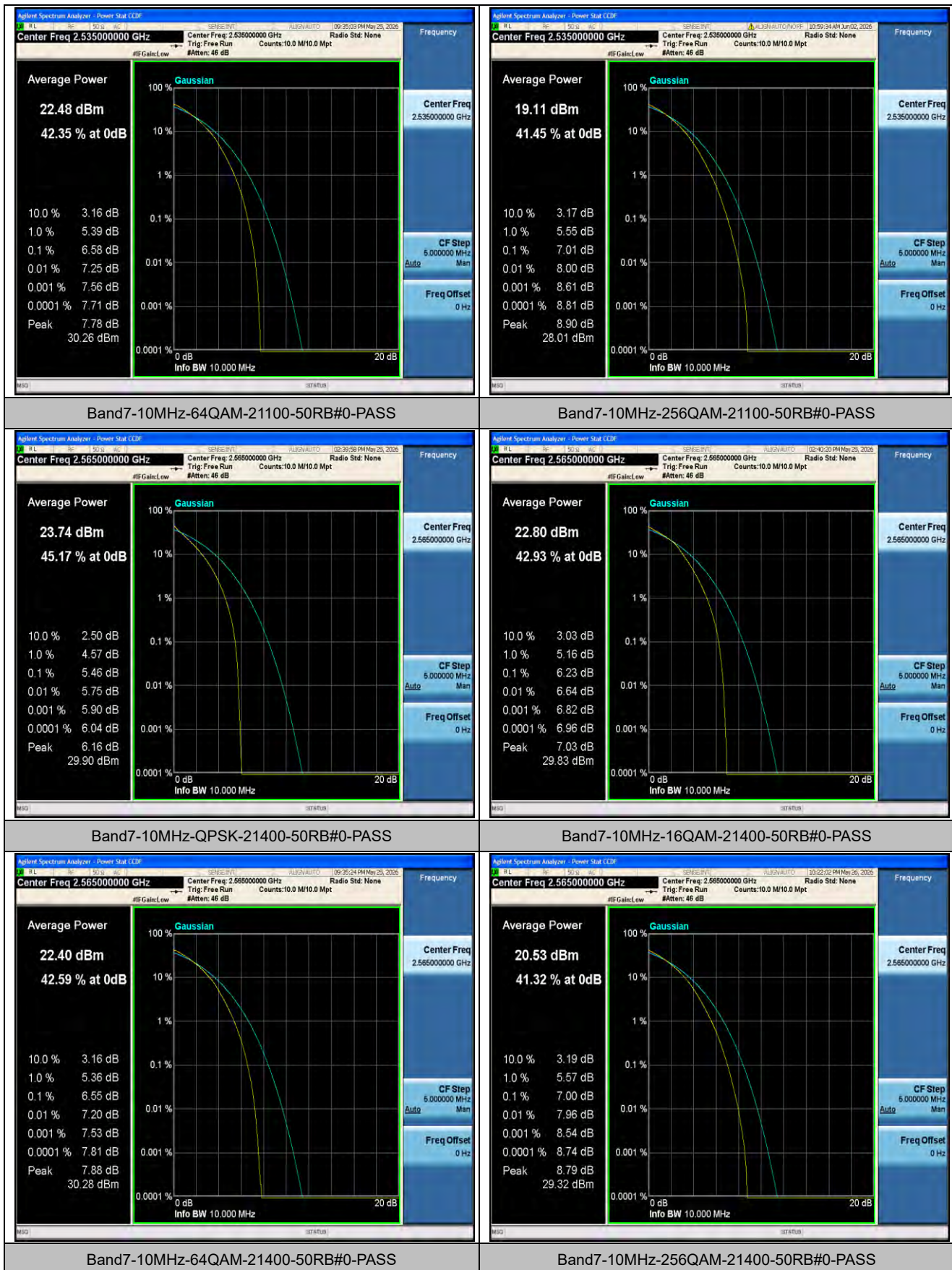
Band7-10MHz-256QAM-20800-50RB#0-PASS



Band7-10MHz-QPSK-21100-50RB#0-PASS

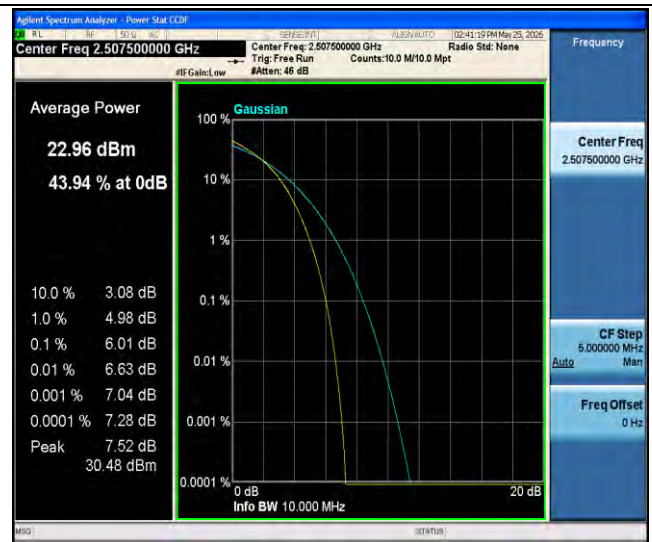


Band7-10MHz-16QAM-21100-50RB#0-PASS





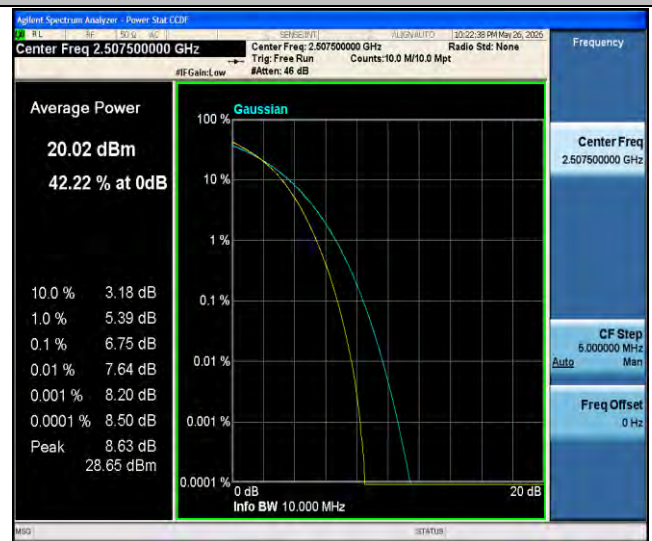
Band7-15MHz-QPSK-20825-75RB#0-PASS



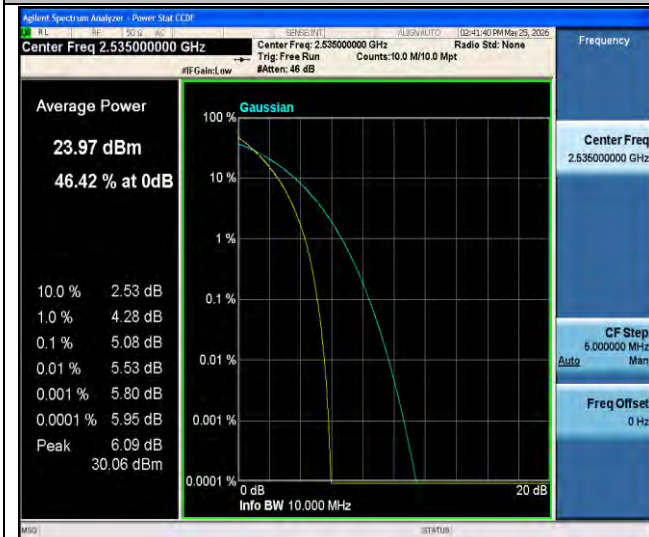
Band7-15MHz-16QAM-20825-75RB#0-PASS



Band7-15MHz-64QAM-20825-75RB#0-PASS



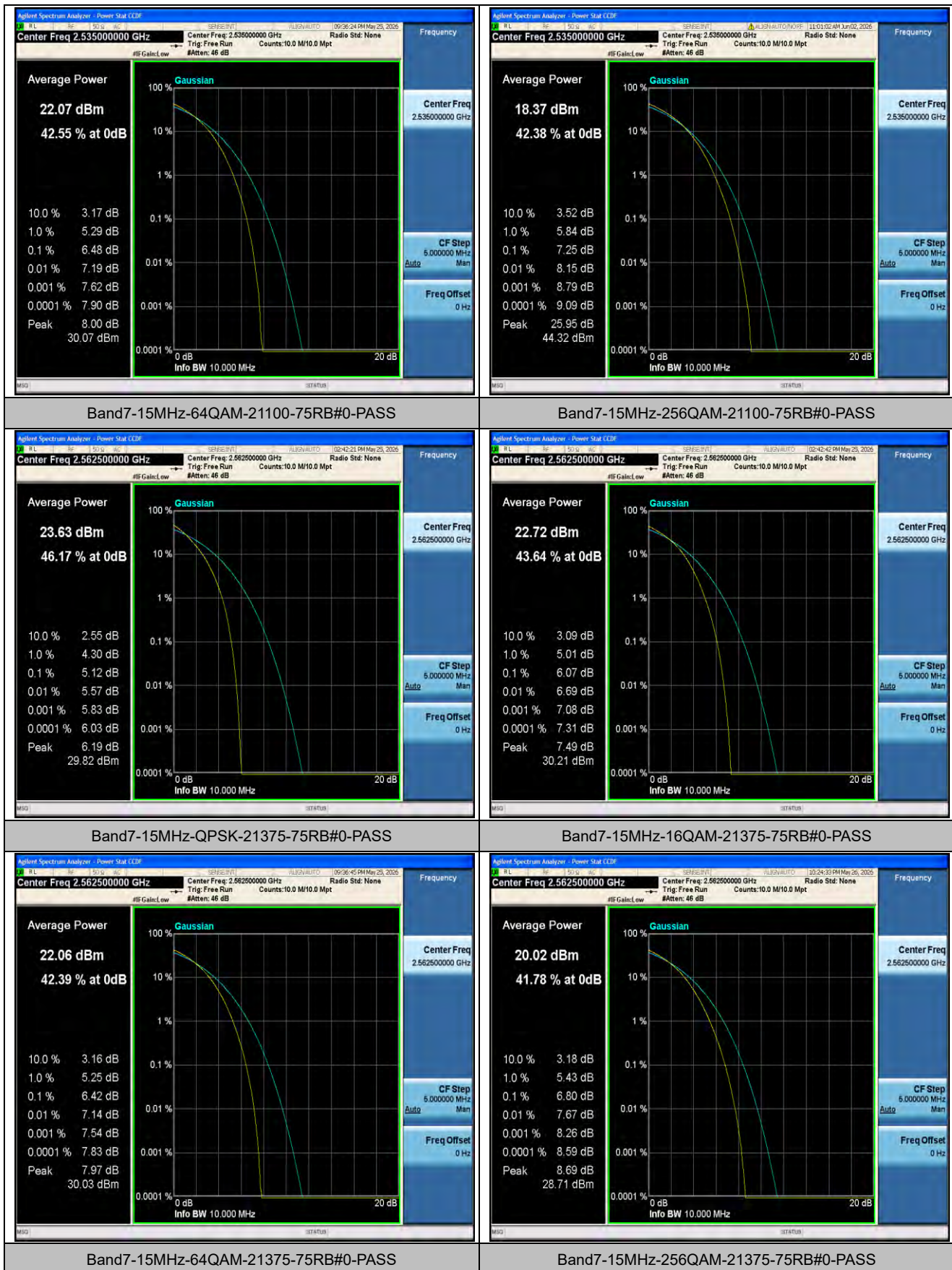
Band7-15MHz-256QAM-20825-75RB#0-PASS

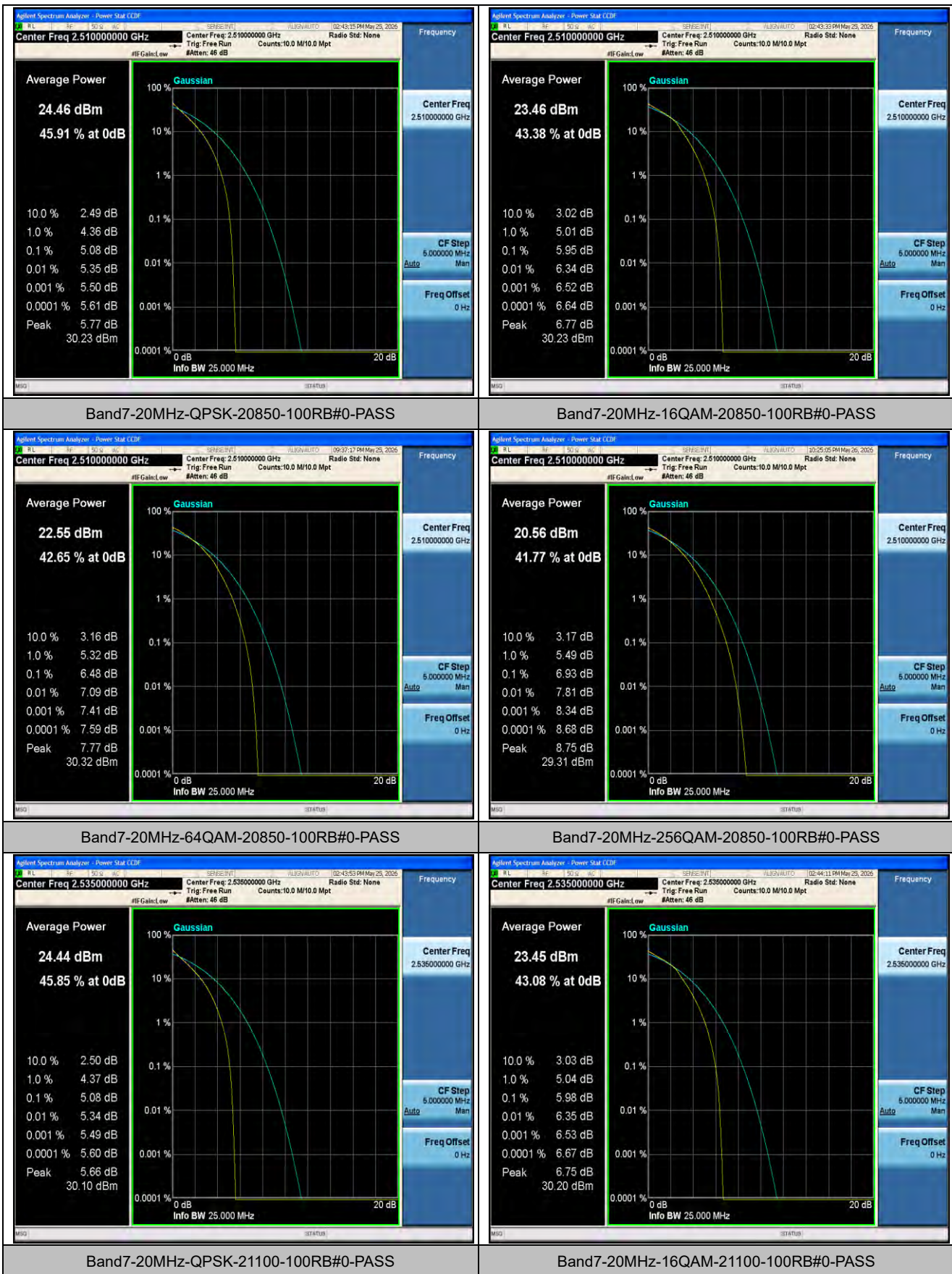


Band7-15MHz-QPSK-21100-75RB#0-PASS



Band7-15MHz-16QAM-21100-75RB#0-PASS







Band7-20MHz-64QAM-21100-100RB#0-PASS



Band7-20MHz-256QAM-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



Band7-20MHz-64QAM-21350-100RB#0-PASS



Band7-20MHz-256QAM-21350-100RB#0-PASS

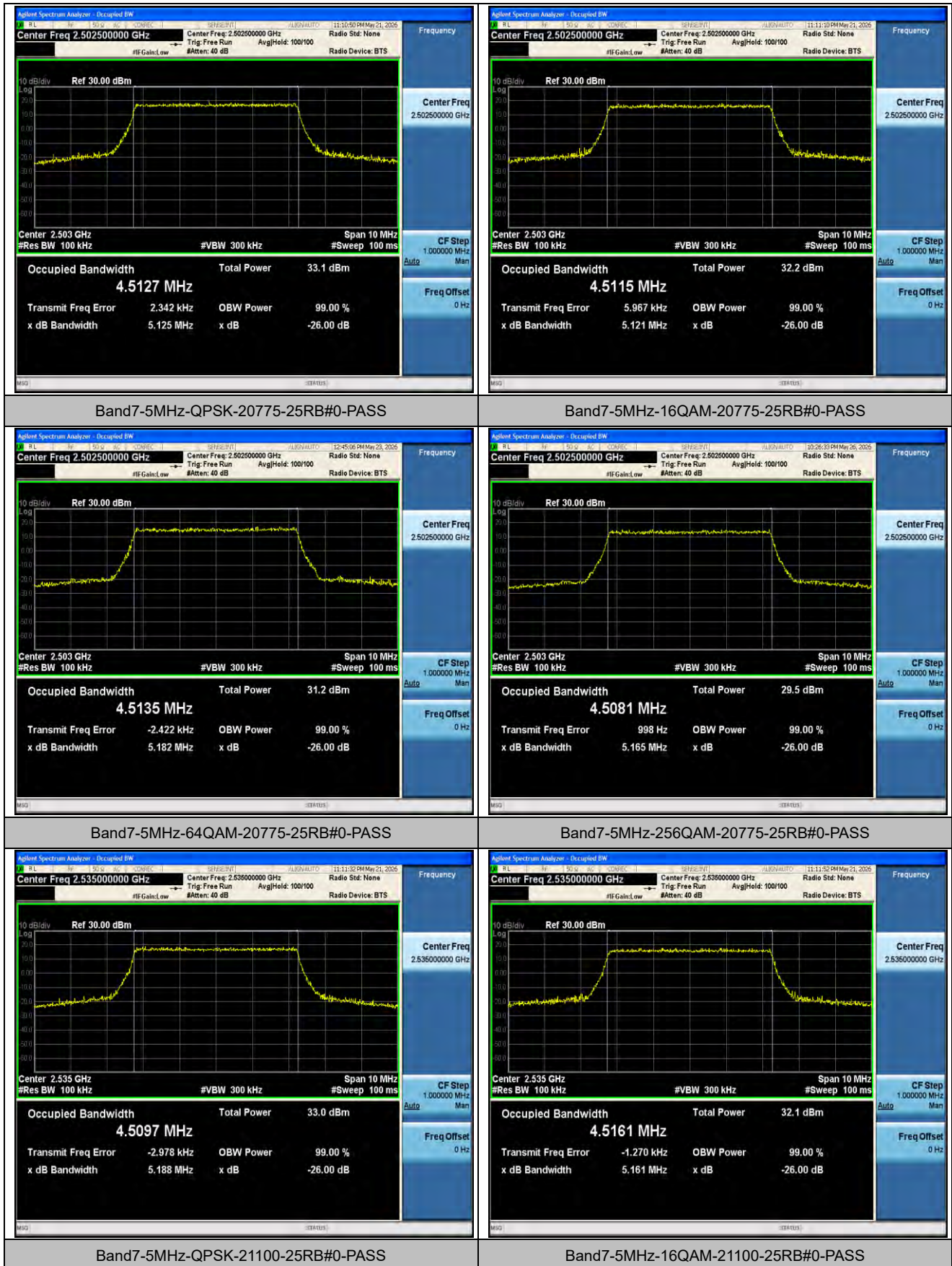
26dB Bandwidth and Occupied Bandwidth

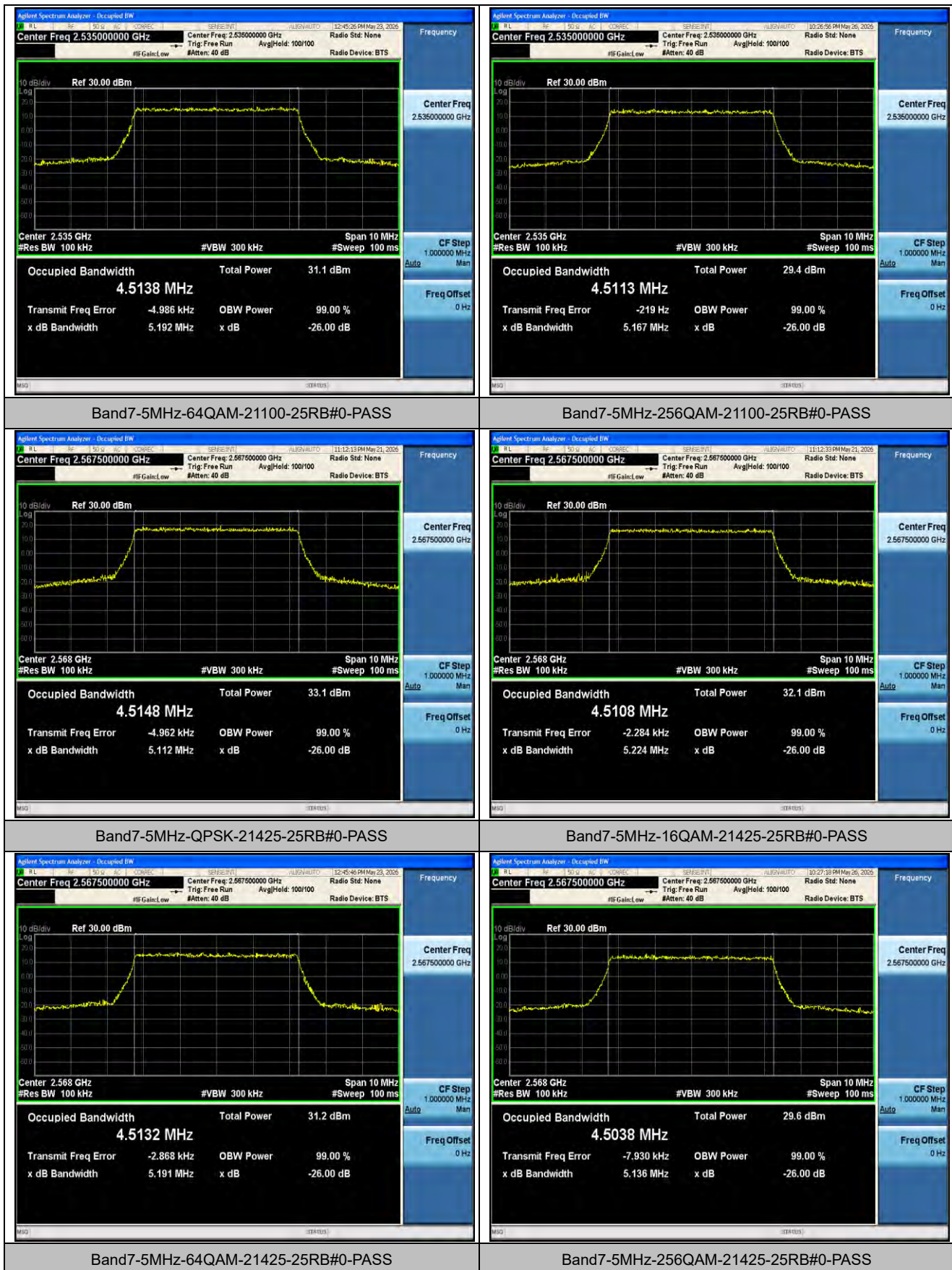
Test Result

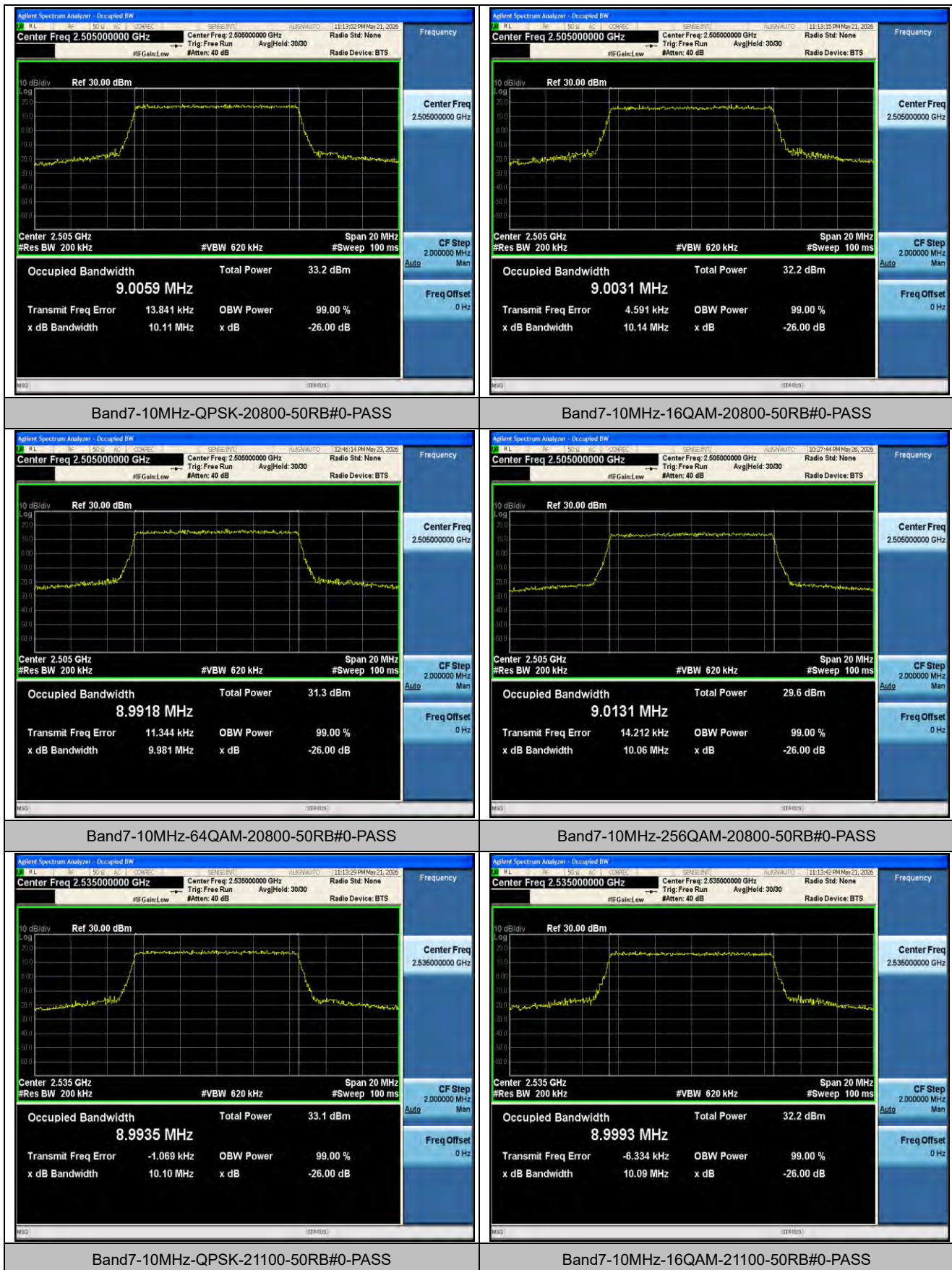
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5127	5.125	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5115	5.121	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.5135	5.182	PASS
Band7	5MHz	256QAM	20775	25RB#0	4.5081	5.165	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5097	5.188	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5161	5.161	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.5138	5.192	PASS
Band7	5MHz	256QAM	21100	25RB#0	4.5113	5.167	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5148	5.112	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5108	5.224	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5132	5.191	PASS
Band7	5MHz	256QAM	21425	25RB#0	4.5038	5.136	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0059	10.11	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0031	10.14	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.9918	9.981	PASS
Band7	10MHz	256QAM	20800	50RB#0	9.0131	10.06	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9935	10.10	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9993	10.09	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.9975	10.08	PASS
Band7	10MHz	256QAM	21100	50RB#0	8.9857	10.06	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0058	10.05	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0152	10.11	PASS
Band7	10MHz	64QAM	21400	50RB#0	9.0033	9.986	PASS
Band7	10MHz	256QAM	21400	50RB#0	9.0020	10.07	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.508	14.93	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.490	14.89	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.514	15.00	PASS
Band7	15MHz	256QAM	20825	75RB#0	13.482	14.85	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.505	15.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.481	15.04	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.486	15.06	PASS
Band7	15MHz	256QAM	21100	75RB#0	13.489	14.87	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.471	14.93	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.508	14.91	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.525	15.02	PASS
Band7	15MHz	256QAM	21375	75RB#0	13.469	14.77	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.951	19.93	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.006	19.65	PASS

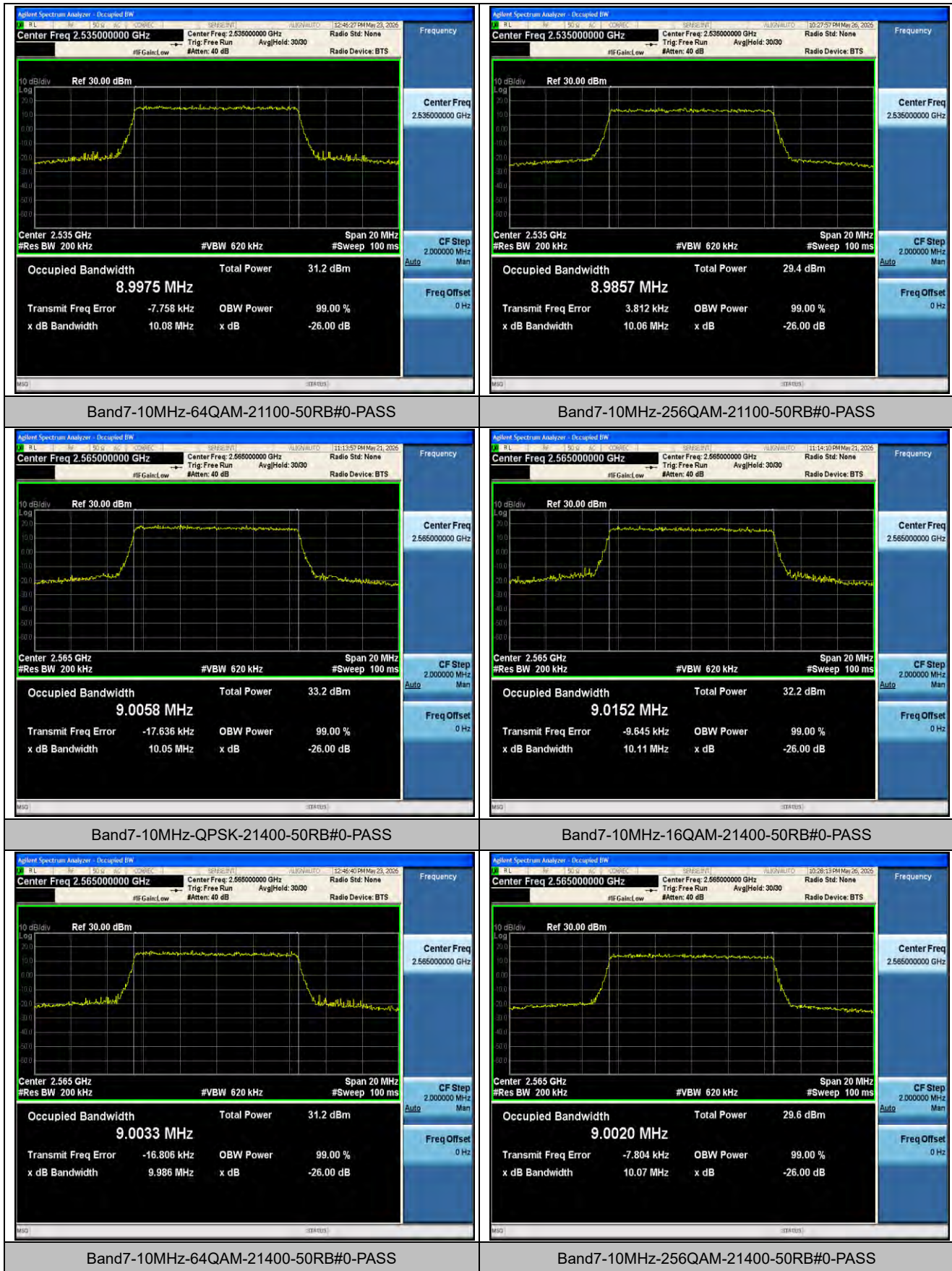
Band7	20MHz	64QAM	20850	100RB#0	17.993	19.82	PASS
Band7	20MHz	256QAM	20850	100RB#0	17.962	19.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.002	19.79	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.981	19.82	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.982	19.89	PASS
Band7	20MHz	256QAM	21100	100RB#0	18.096	19.97	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.964	19.78	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.002	19.82	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.978	19.72	PASS
Band7	20MHz	256QAM	21350	100RB#0	17.975	19.74	PASS

Test Graphs







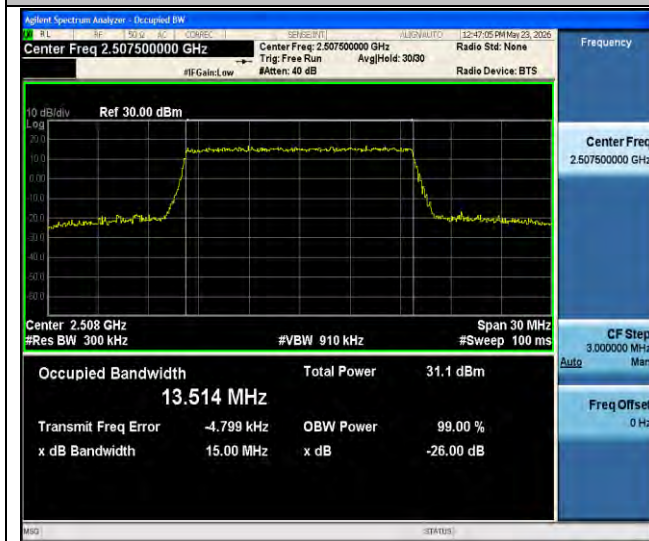




Band7-15MHz-QPSK-20825-75RB#0-PASS



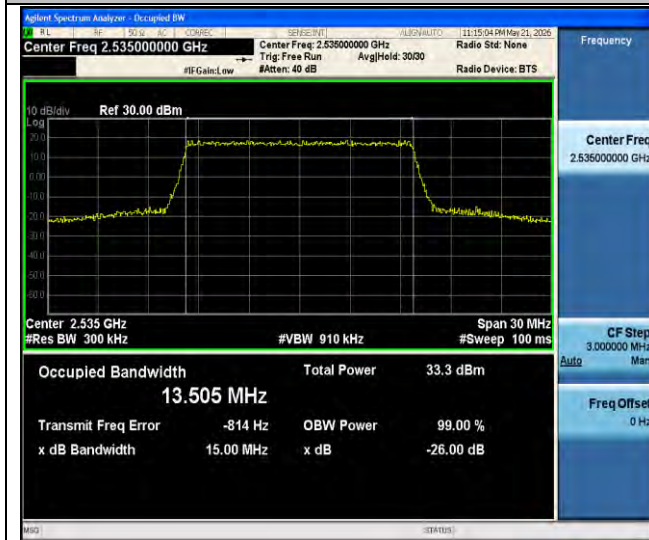
Band7-15MHz-16QAM-20825-75RB#0-PASS



Band7-15MHz-64QAM-20825-75RB#0-PASS



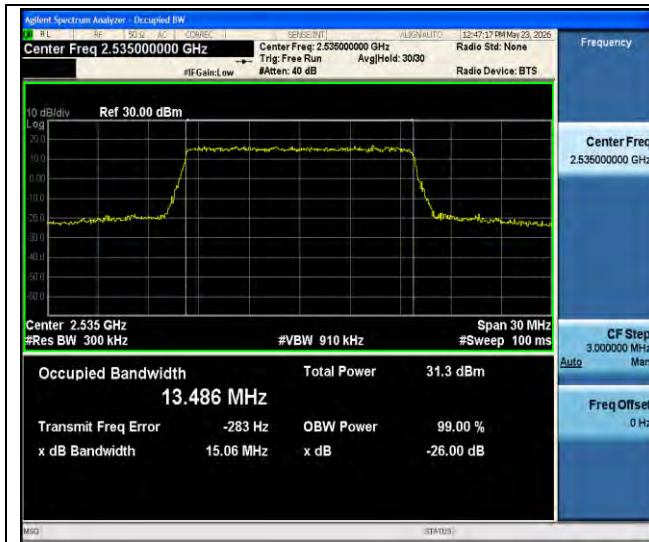
Band7-15MHz-256QAM-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-75RB#0-PASS



Band7-15MHz-16QAM-21100-75RB#0-PASS



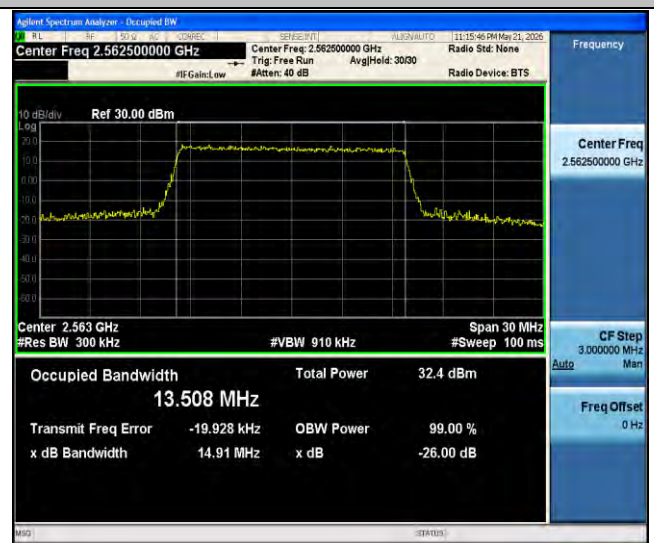
Band7-15MHz-64QAM-21100-75RB#0-PASS



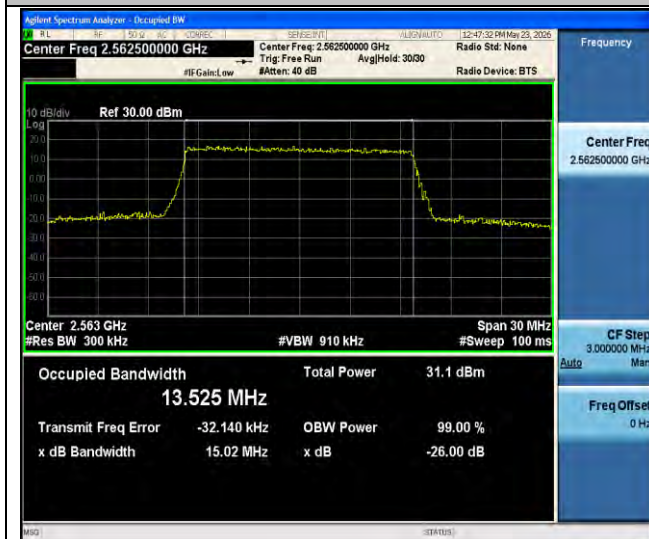
Band7-15MHz-256QAM-21100-75RB#0-PASS



Band7-15MHz-QPSK-21375-75RB#0-PASS



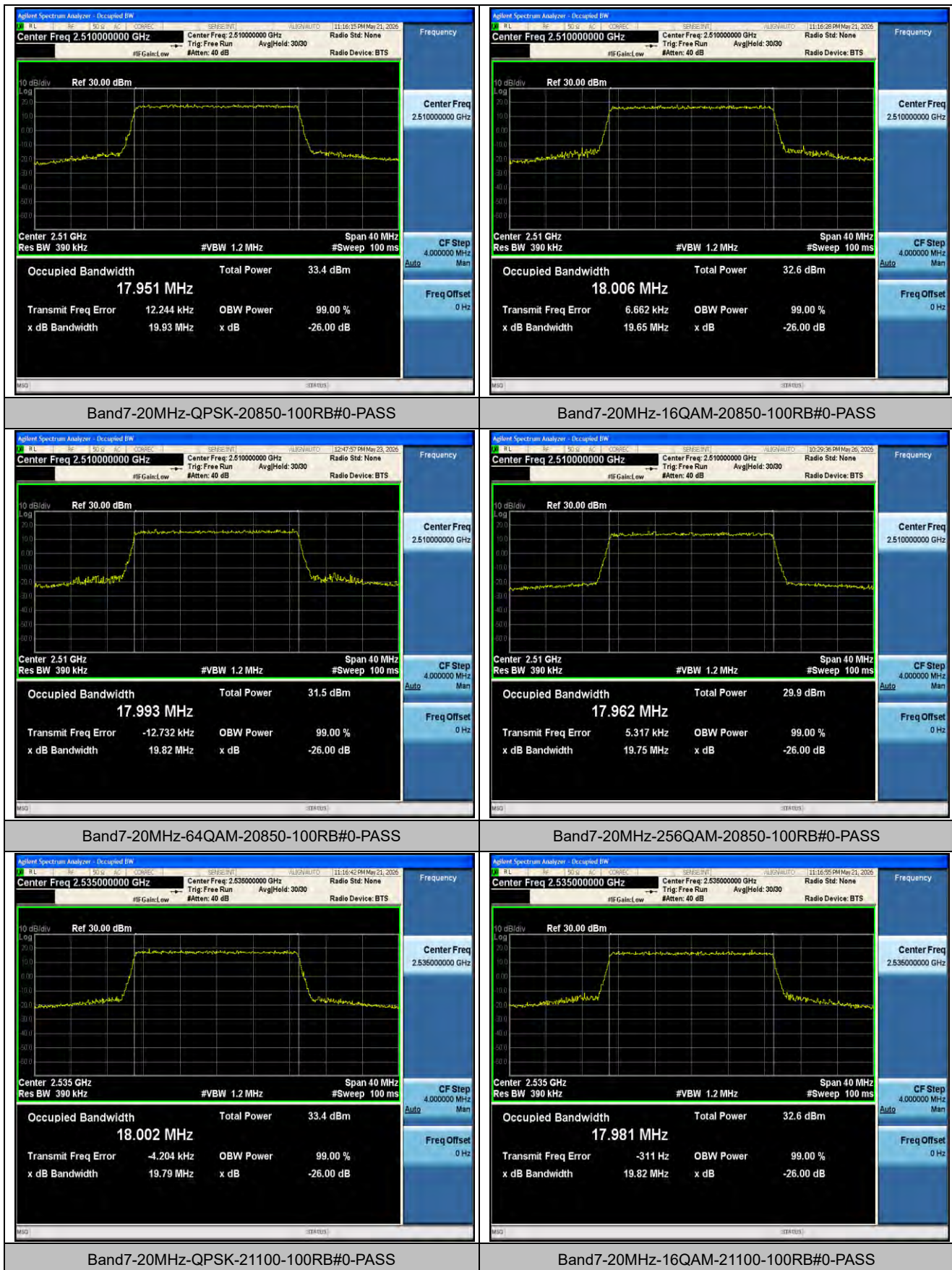
Band7-15MHz-16QAM-21375-75RB#0-PASS

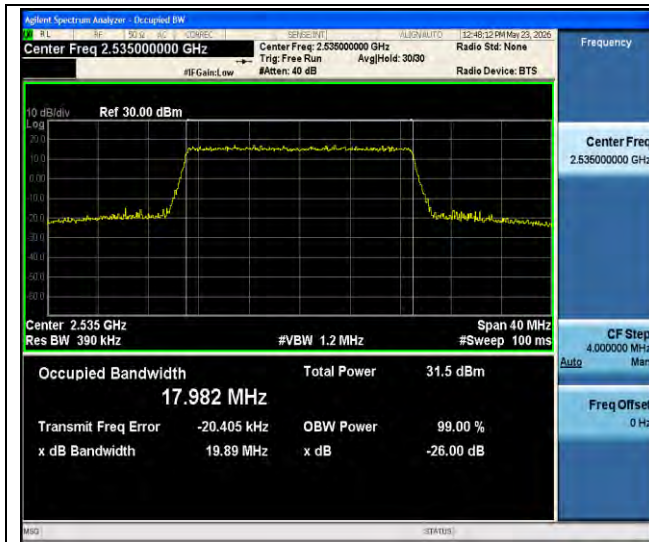


Band7-15MHz-64QAM-21375-75RB#0-PASS



Band7-15MHz-256QAM-21375-75RB#0-PASS





Band7-20MHz-64QAM-21100-100RB#0-PASS



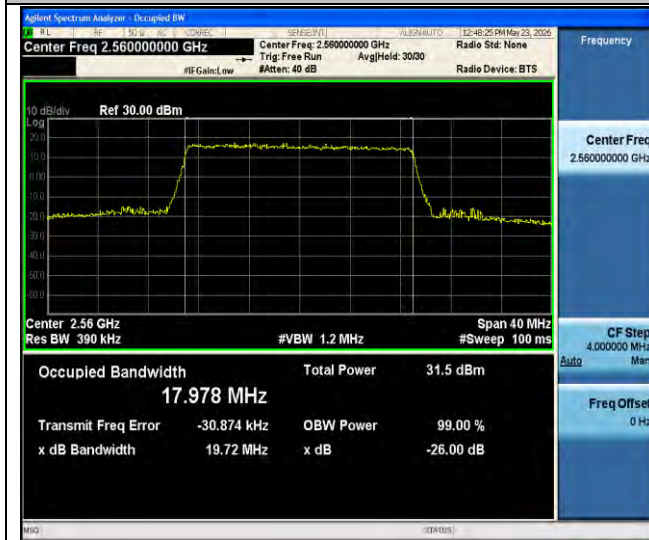
Band7-20MHz-256QAM-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS



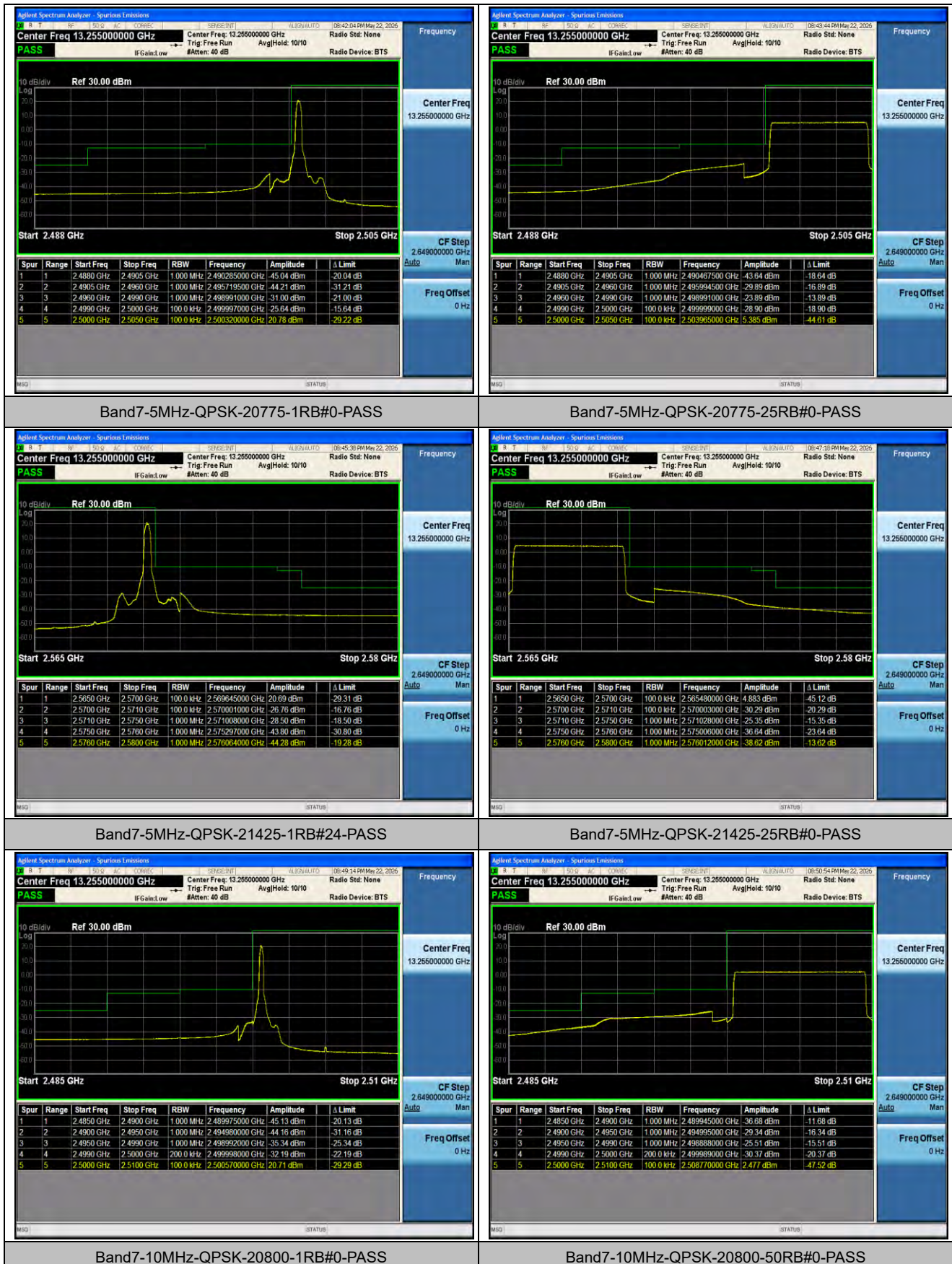
Band7-20MHz-64QAM-21350-100RB#0-PASS



Band7-20MHz-256QAM-21350-100RB#0-PASS

Band Edge

Test Graphs

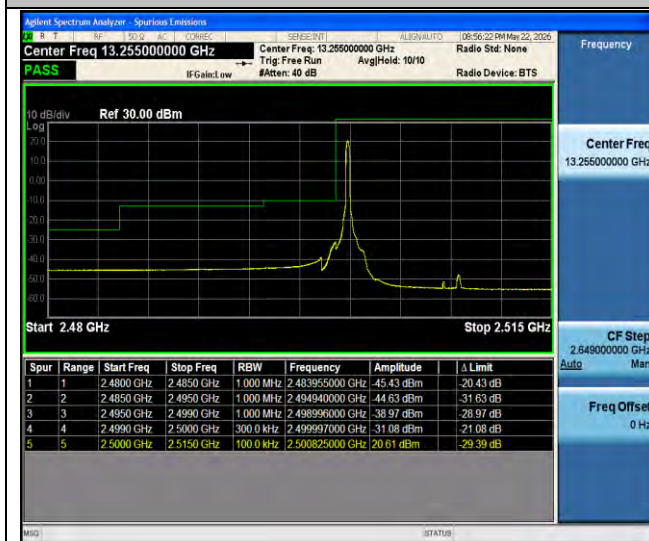




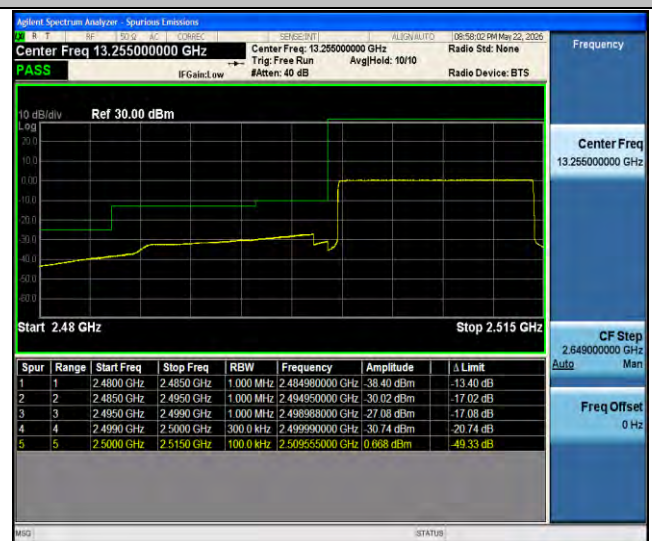
Band7-10MHz-QPSK-21400-1RB#49-PASS



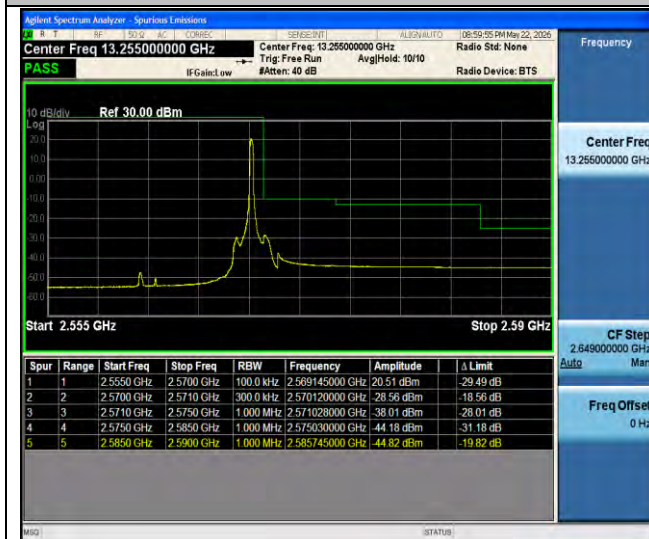
Band7-10MHz-QPSK-21400-50RB#0-PASS



Band7-15MHz-QPSK-20825-1RB#0-PASS



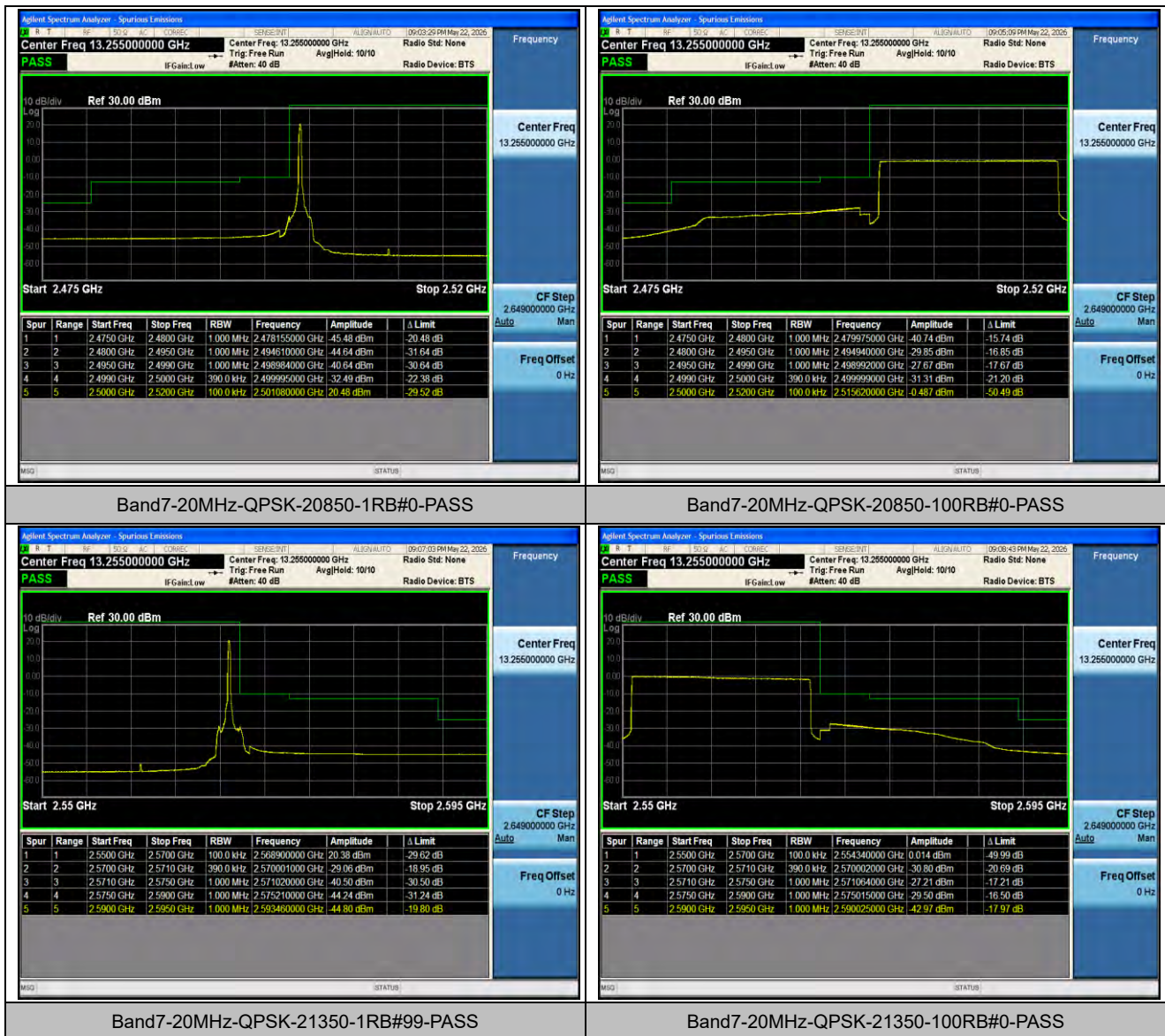
Band7-15MHz-QPSK-20825-75RB#0-PASS



Band7-15MHz-QPSK-21375-1RB#74-PASS

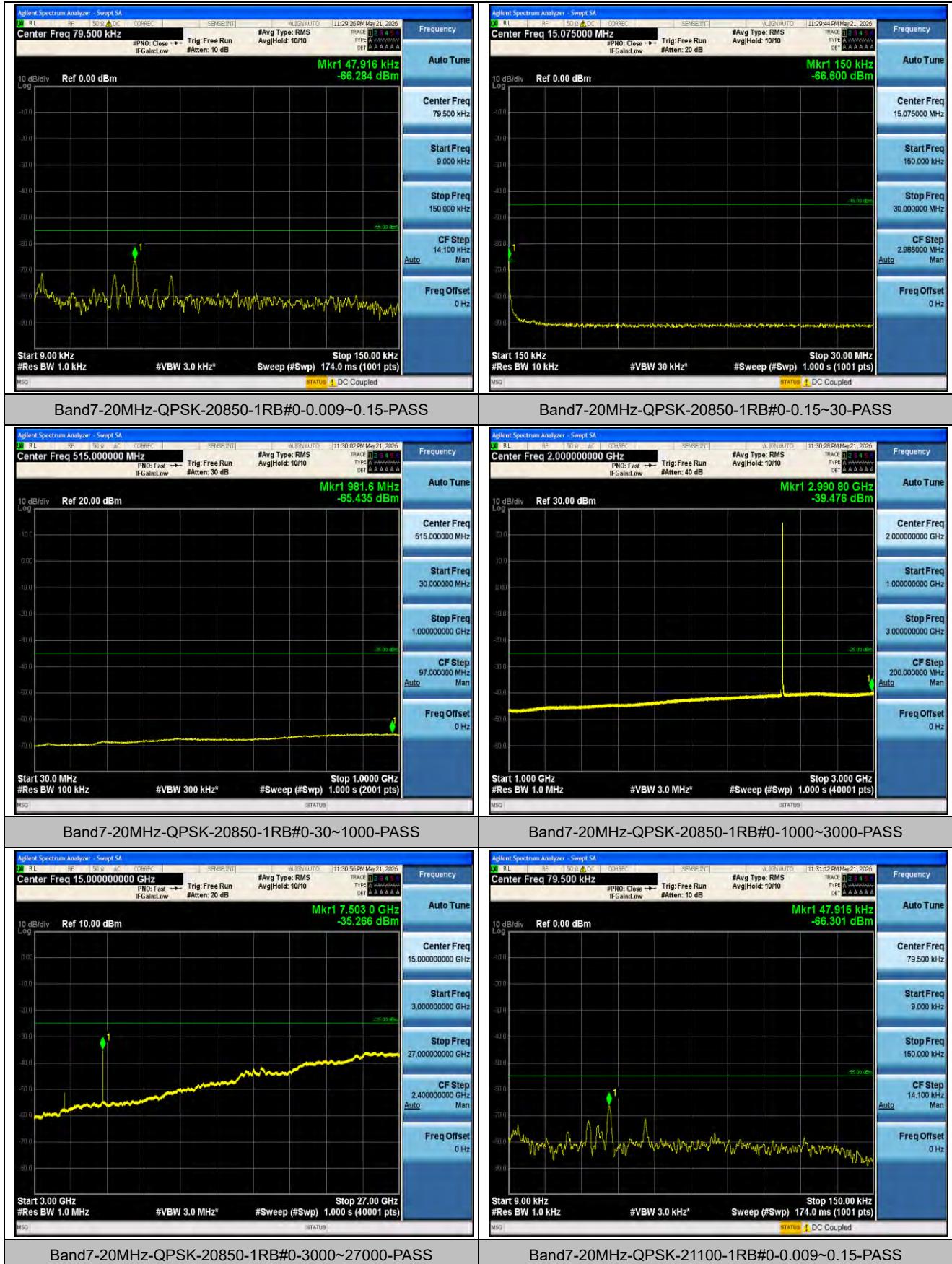


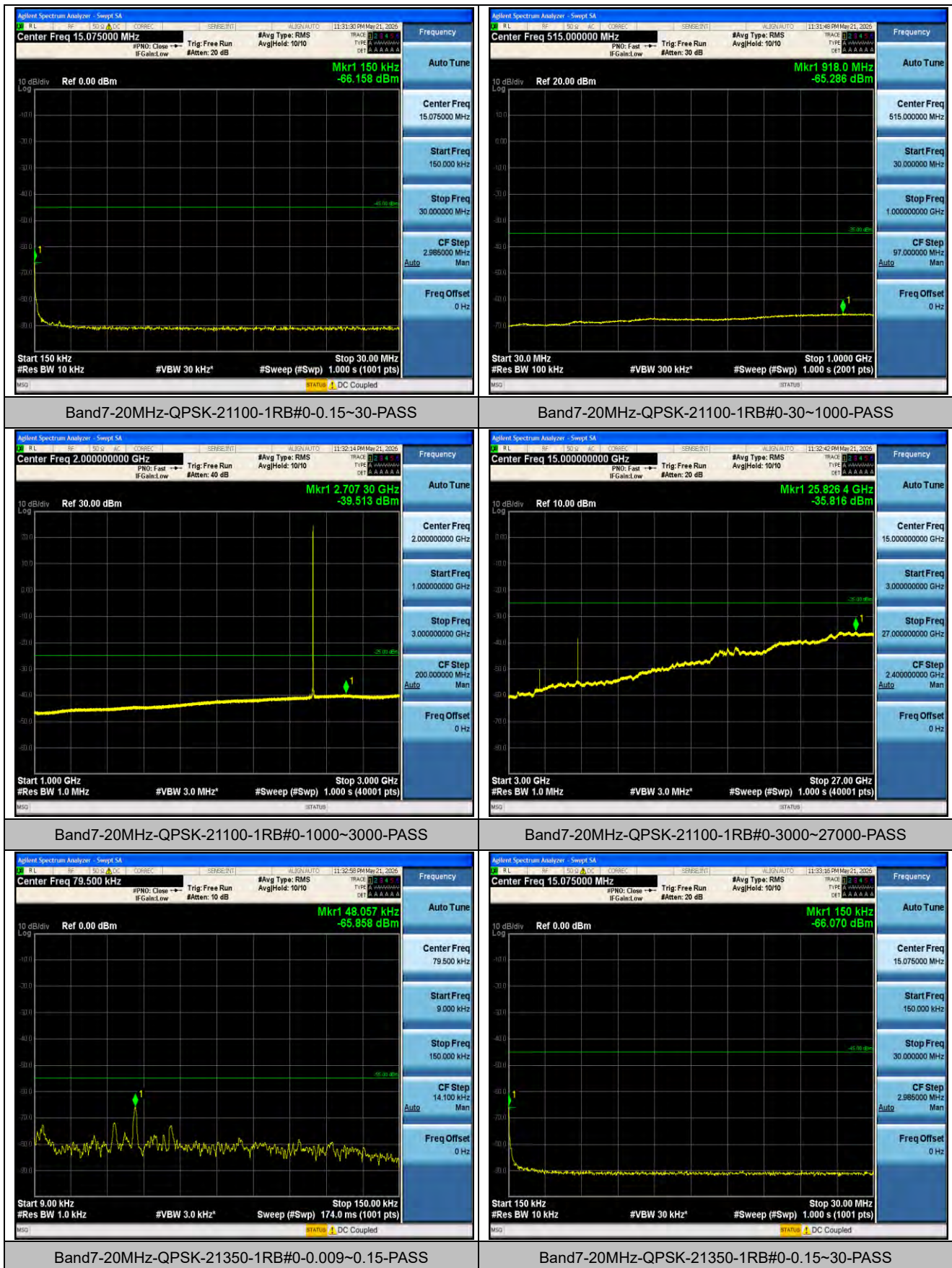
Band7-15MHz-QPSK-21375-75RB#0-PASS



Conducted Spurious Emission

Test Graphs







Band7-20MHz-QPSK-21350-1RB#0-30~1000-PASS



Band7-20MHz-QPSK-21350-1RB#0-1000~3000-PASS



Band7-20MHz-QPSK-21350-1RB#0-3000~27000-PASS

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-0.50	-0.000197	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-2.60	-0.001026	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-3.30	-0.001302	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-2.60	-0.001026	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-2.00	-0.000789	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-2.50	-0.000986	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-2.90	-0.001144	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-1.70	-0.000671	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-2.90	-0.001144	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-2.00	-0.000789	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-3.00	-0.001183	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-2.80	-0.001105	PASS

~The End~