

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	ERP/EIRP (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	20.24	23.89	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.51	24.16	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.23	23.88	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.25	22.9	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.32	22.97	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.34	22.99	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.27	22.92	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.14	22.79	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.28	22.93	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.14	22.79	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.19	21.84	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.29	21.94	PASS
Band7	5MHz	16QAM	20775	12RB#13	18.26	21.91	PASS
Band7	5MHz	16QAM	20775	25RB#0	18.24	21.89	PASS
Band7	5MHz	QPSK	21100	1RB#0	19.75	23.4	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.14	23.79	PASS
Band7	5MHz	QPSK	21100	1RB#24	19.82	23.47	PASS
Band7	5MHz	QPSK	21100	12RB#0	18.80	22.45	PASS
Band7	5MHz	QPSK	21100	12RB#6	18.93	22.58	PASS
Band7	5MHz	QPSK	21100	12RB#13	18.91	22.56	PASS
Band7	5MHz	QPSK	21100	25RB#0	18.86	22.51	PASS
Band7	5MHz	16QAM	21100	1RB#0	18.84	22.49	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.25	22.9	PASS
Band7	5MHz	16QAM	21100	1RB#24	18.90	22.55	PASS
Band7	5MHz	16QAM	21100	12RB#0	17.82	21.47	PASS
Band7	5MHz	16QAM	21100	12RB#6	17.96	21.61	PASS
Band7	5MHz	16QAM	21100	12RB#13	17.89	21.54	PASS
Band7	5MHz	16QAM	21100	25RB#0	17.80	21.45	PASS
Band7	5MHz	QPSK	21425	1RB#0	20.15	23.8	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.65	24.3	PASS
Band7	5MHz	QPSK	21425	1RB#24	20.31	23.96	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.24	22.89	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.29	22.94	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.26	22.91	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.25	22.9	PASS
Band7	5MHz	16QAM	21425	1RB#0	18.99	22.64	PASS

Band7	5MHz	16QAM	21425	1RB#12	19.53	23.18	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.17	22.82	PASS
Band7	5MHz	16QAM	21425	12RB#0	18.26	21.91	PASS
Band7	5MHz	16QAM	21425	12RB#6	18.20	21.85	PASS
Band7	5MHz	16QAM	21425	12RB#13	18.26	21.91	PASS
Band7	5MHz	16QAM	21425	25RB#0	18.36	22.01	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.25	23.9	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.38	24.03	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.10	23.75	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.12	22.77	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.27	22.92	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.34	22.99	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.21	22.86	PASS
Band7	10MHz	16QAM	20800	1RB#0	19.23	22.88	PASS
Band7	10MHz	16QAM	20800	1RB#24	19.28	22.93	PASS
Band7	10MHz	16QAM	20800	1RB#49	19.10	22.75	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.12	21.77	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.20	21.85	PASS
Band7	10MHz	16QAM	20800	25RB#25	18.23	21.88	PASS
Band7	10MHz	16QAM	20800	50RB#0	18.15	21.8	PASS
Band7	10MHz	QPSK	21100	1RB#0	19.79	23.44	PASS
Band7	10MHz	QPSK	21100	1RB#24	19.96	23.61	PASS
Band7	10MHz	QPSK	21100	1RB#49	19.91	23.56	PASS
Band7	10MHz	QPSK	21100	25RB#0	18.87	22.52	PASS
Band7	10MHz	QPSK	21100	25RB#12	18.86	22.51	PASS
Band7	10MHz	QPSK	21100	25RB#25	19.01	22.66	PASS
Band7	10MHz	QPSK	21100	50RB#0	18.90	22.55	PASS
Band7	10MHz	16QAM	21100	1RB#0	18.68	22.33	PASS
Band7	10MHz	16QAM	21100	1RB#24	19.05	22.7	PASS
Band7	10MHz	16QAM	21100	1RB#49	18.77	22.42	PASS
Band7	10MHz	16QAM	21100	25RB#0	17.82	21.47	PASS
Band7	10MHz	16QAM	21100	25RB#12	17.86	21.51	PASS
Band7	10MHz	16QAM	21100	25RB#25	18.01	21.66	PASS
Band7	10MHz	16QAM	21100	50RB#0	17.92	21.57	PASS
Band7	10MHz	QPSK	21400	1RB#0	19.99	23.64	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.33	23.98	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.32	23.97	PASS
Band7	10MHz	QPSK	21400	25RB#0	19.27	22.92	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.17	22.82	PASS
Band7	10MHz	QPSK	21400	25RB#25	19.19	22.84	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.19	22.84	PASS
Band7	10MHz	16QAM	21400	1RB#0	18.76	22.41	PASS
Band7	10MHz	16QAM	21400	1RB#24	19.24	22.89	PASS

Band7	10MHz	16QAM	21400	1RB#49	19.08	22.73	PASS
Band7	10MHz	16QAM	21400	25RB#0	18.29	21.94	PASS
Band7	10MHz	16QAM	21400	25RB#12	18.17	21.82	PASS
Band7	10MHz	16QAM	21400	25RB#25	18.27	21.92	PASS
Band7	10MHz	16QAM	21400	50RB#0	18.26	21.91	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.17	23.82	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.20	23.85	PASS
Band7	15MHz	QPSK	20825	1RB#74	19.88	23.53	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.18	22.83	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.18	22.83	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.15	22.8	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.15	22.8	PASS
Band7	15MHz	16QAM	20825	1RB#0	19.17	22.82	PASS
Band7	15MHz	16QAM	20825	1RB#38	19.17	22.82	PASS
Band7	15MHz	16QAM	20825	1RB#74	18.92	22.57	PASS
Band7	15MHz	16QAM	20825	38RB#0	19.24	22.89	PASS
Band7	15MHz	16QAM	20825	38RB#18	18.14	21.79	PASS
Band7	15MHz	16QAM	20825	38RB#37	19.14	22.79	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.03	21.68	PASS
Band7	15MHz	QPSK	21100	1RB#0	19.65	23.3	PASS
Band7	15MHz	QPSK	21100	1RB#38	19.93	23.58	PASS
Band7	15MHz	QPSK	21100	1RB#74	19.88	23.53	PASS
Band7	15MHz	QPSK	21100	38RB#0	18.90	22.55	PASS
Band7	15MHz	QPSK	21100	38RB#18	18.91	22.56	PASS
Band7	15MHz	QPSK	21100	38RB#37	18.94	22.59	PASS
Band7	15MHz	QPSK	21100	75RB#0	18.88	22.53	PASS
Band7	15MHz	16QAM	21100	1RB#0	18.78	22.43	PASS
Band7	15MHz	16QAM	21100	1RB#38	18.92	22.57	PASS
Band7	15MHz	16QAM	21100	1RB#74	18.90	22.55	PASS
Band7	15MHz	16QAM	21100	38RB#0	18.86	22.51	PASS
Band7	15MHz	16QAM	21100	38RB#18	17.88	21.53	PASS
Band7	15MHz	16QAM	21100	38RB#37	18.87	22.52	PASS
Band7	15MHz	16QAM	21100	75RB#0	17.90	21.55	PASS
Band7	15MHz	QPSK	21375	1RB#0	19.91	23.56	PASS
Band7	15MHz	QPSK	21375	1RB#38	20.15	23.8	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.25	23.9	PASS
Band7	15MHz	QPSK	21375	38RB#0	19.18	22.83	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.15	22.8	PASS
Band7	15MHz	QPSK	21375	38RB#37	19.21	22.86	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.22	22.87	PASS
Band7	15MHz	16QAM	21375	1RB#0	18.65	22.3	PASS
Band7	15MHz	16QAM	21375	1RB#38	19.07	22.72	PASS
Band7	15MHz	16QAM	21375	1RB#74	18.97	22.62	PASS

Band7	15MHz	16QAM	21375	38RB#0	19.17	22.82	PASS
Band7	15MHz	16QAM	21375	38RB#18	18.11	21.76	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.21	22.86	PASS
Band7	15MHz	16QAM	21375	75RB#0	18.19	21.84	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.13	23.78	PASS
Band7	20MHz	QPSK	20850	1RB#49	19.08	22.73	PASS
Band7	20MHz	QPSK	20850	1RB#99	19.14	23.34	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.52	23.54	PASS
Band7	20MHz	QPSK	20850	50RB#25	19.17	22.82	PASS
Band7	20MHz	QPSK	20850	50RB#50	19.11	22.76	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.08	22.73	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.08	22.73	PASS
Band7	20MHz	16QAM	20850	1RB#49	19.37	23.02	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.48	23.65	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.09	21.74	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.19	21.84	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.08	21.73	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.06	21.71	PASS
Band7	20MHz	QPSK	21100	1RB#0	19.62	23.27	PASS
Band7	20MHz	QPSK	21100	1RB#49	20.09	23.74	PASS
Band7	20MHz	QPSK	21100	1RB#99	19.91	23.56	PASS
Band7	20MHz	QPSK	21100	50RB#0	18.88	22.53	PASS
Band7	20MHz	QPSK	21100	50RB#25	18.96	22.61	PASS
Band7	20MHz	QPSK	21100	50RB#50	19.22	22.87	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.98	22.63	PASS
Band7	20MHz	16QAM	21100	1RB#0	18.74	22.39	PASS
Band7	20MHz	16QAM	21100	1RB#49	19.04	22.69	PASS
Band7	20MHz	16QAM	21100	1RB#99	18.78	22.43	PASS
Band7	20MHz	16QAM	21100	50RB#0	17.79	21.44	PASS
Band7	20MHz	16QAM	21100	50RB#25	17.99	21.64	PASS
Band7	20MHz	16QAM	21100	50RB#50	18.13	21.78	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.01	21.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	19.91	23.56	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.35	24	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.11	23.76	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.23	22.88	PASS
Band7	20MHz	QPSK	21350	50RB#25	19.15	22.8	PASS
Band7	20MHz	QPSK	21350	50RB#50	18.99	22.64	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.15	22.8	PASS
Band7	20MHz	16QAM	21350	1RB#0	18.68	22.33	PASS
Band7	20MHz	16QAM	21350	1RB#49	19.14	22.79	PASS
Band7	20MHz	16QAM	21350	1RB#99	18.87	22.52	PASS
Band7	20MHz	16QAM	21350	50RB#0	18.26	21.91	PASS

Band7	20MHz	16QAM	21350	50RB#25	18.18	21.83	PASS
Band7	20MHz	16QAM	21350	50RB#50	18.09	21.74	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.13	21.78	PASS

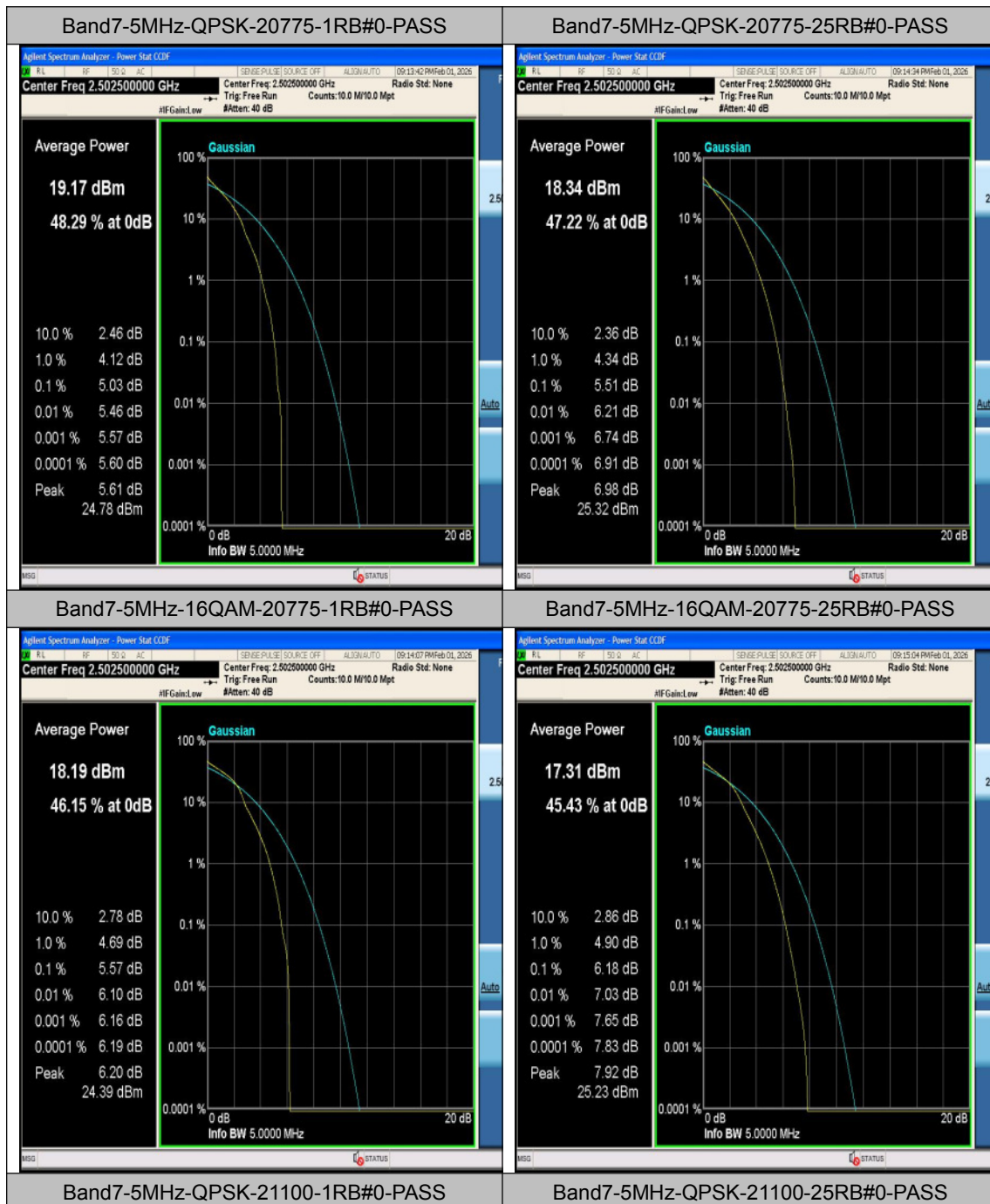
Appendix B: Peak-to-Average Ratio(CCDF)

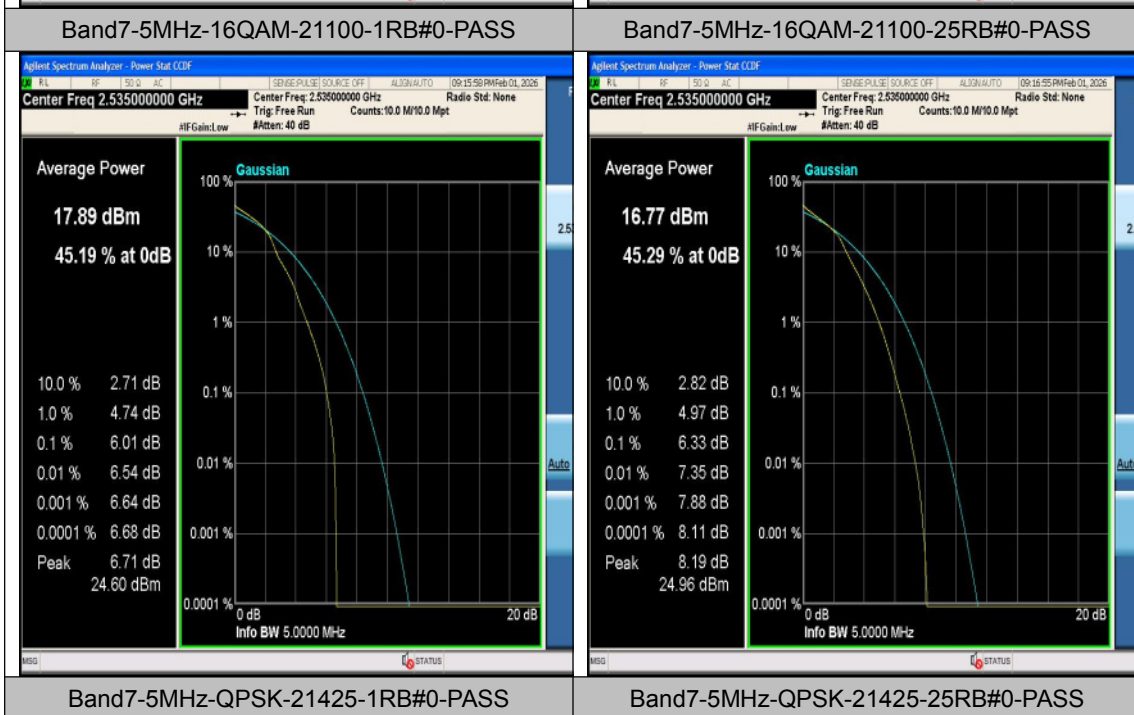
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	5.03	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.51	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.57	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.18	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.42	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.69	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	6.01	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.33	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.78	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.66	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.52	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.32	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.91	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.42	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.83	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.16	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.25	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.70	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.93	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.40	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.95	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.62	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.06	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.36	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.91	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.64	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.82	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.21	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.28	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	6.10	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.15	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.51	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.74	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.87	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.90	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.39	13	PASS

Band7	20MHz	QPSK	20850	1RB#0	4.88	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.30	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.56	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.11	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.31	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.76	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.04	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.47	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.46	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.53	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.51	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.26	13	PASS

Test Graphs







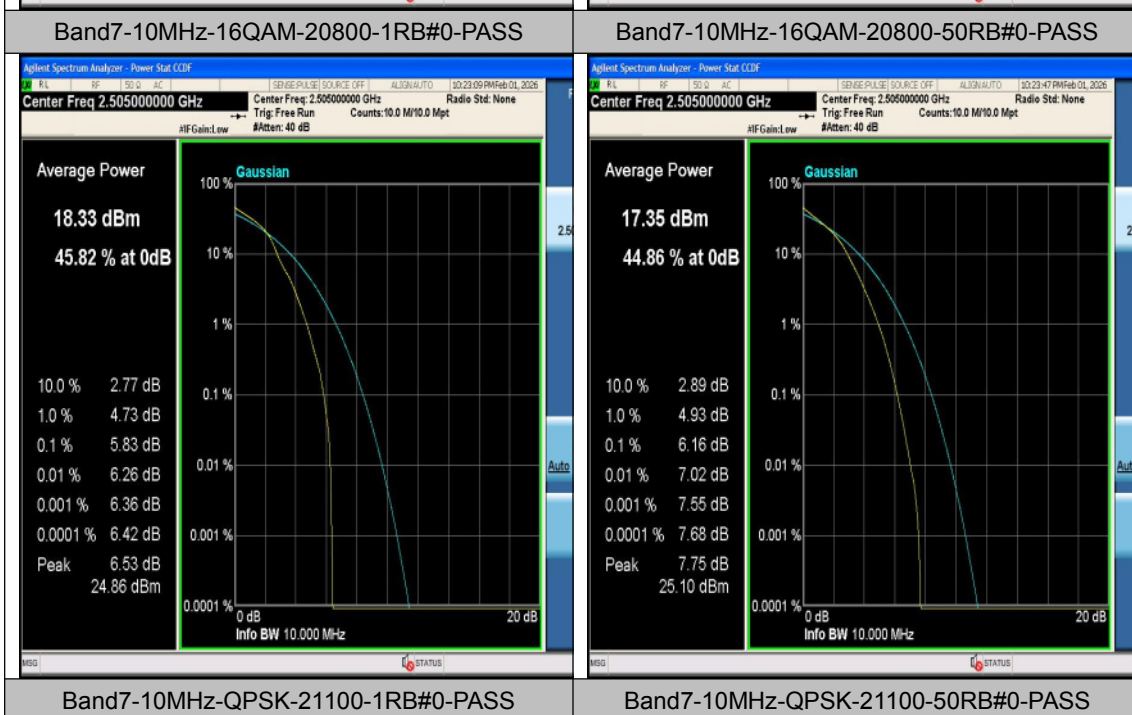
Band7-5MHz-16QAM-21425-1RB#0-PASS

Band7-5MHz-16QAM-21425-25RB#0-PASS



Band7-10MHz-QPSK-20800-1RB#0-PASS

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





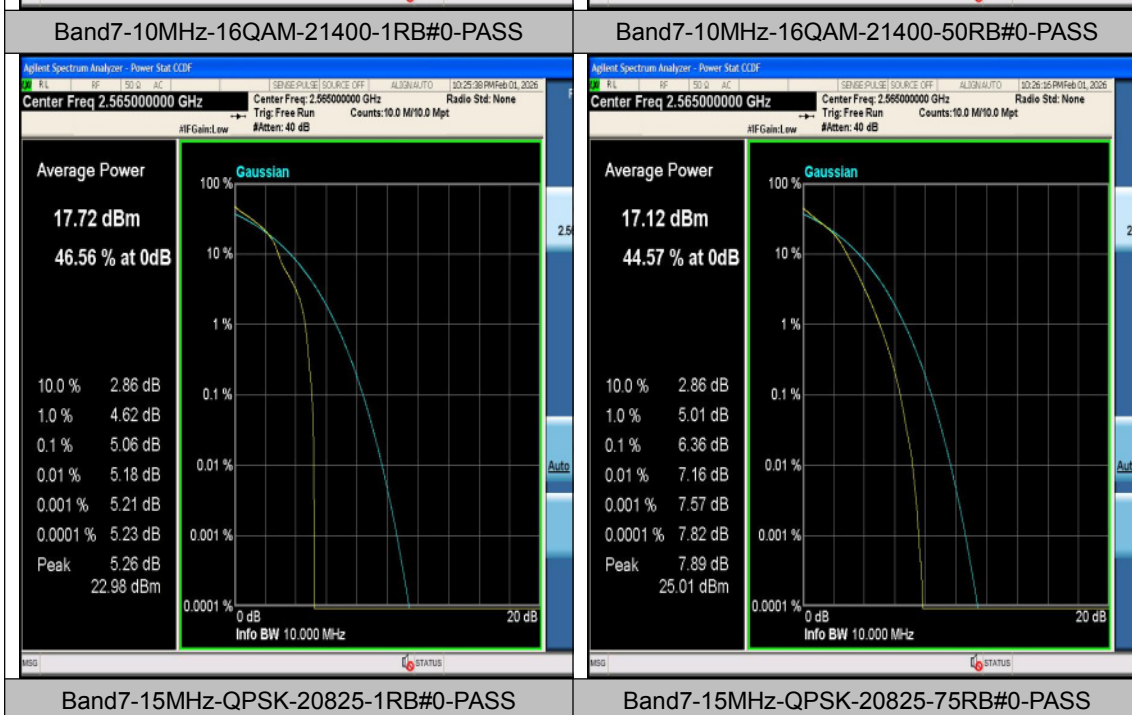
Band7-10MHz-16QAM-21100-1RB#0-PASS

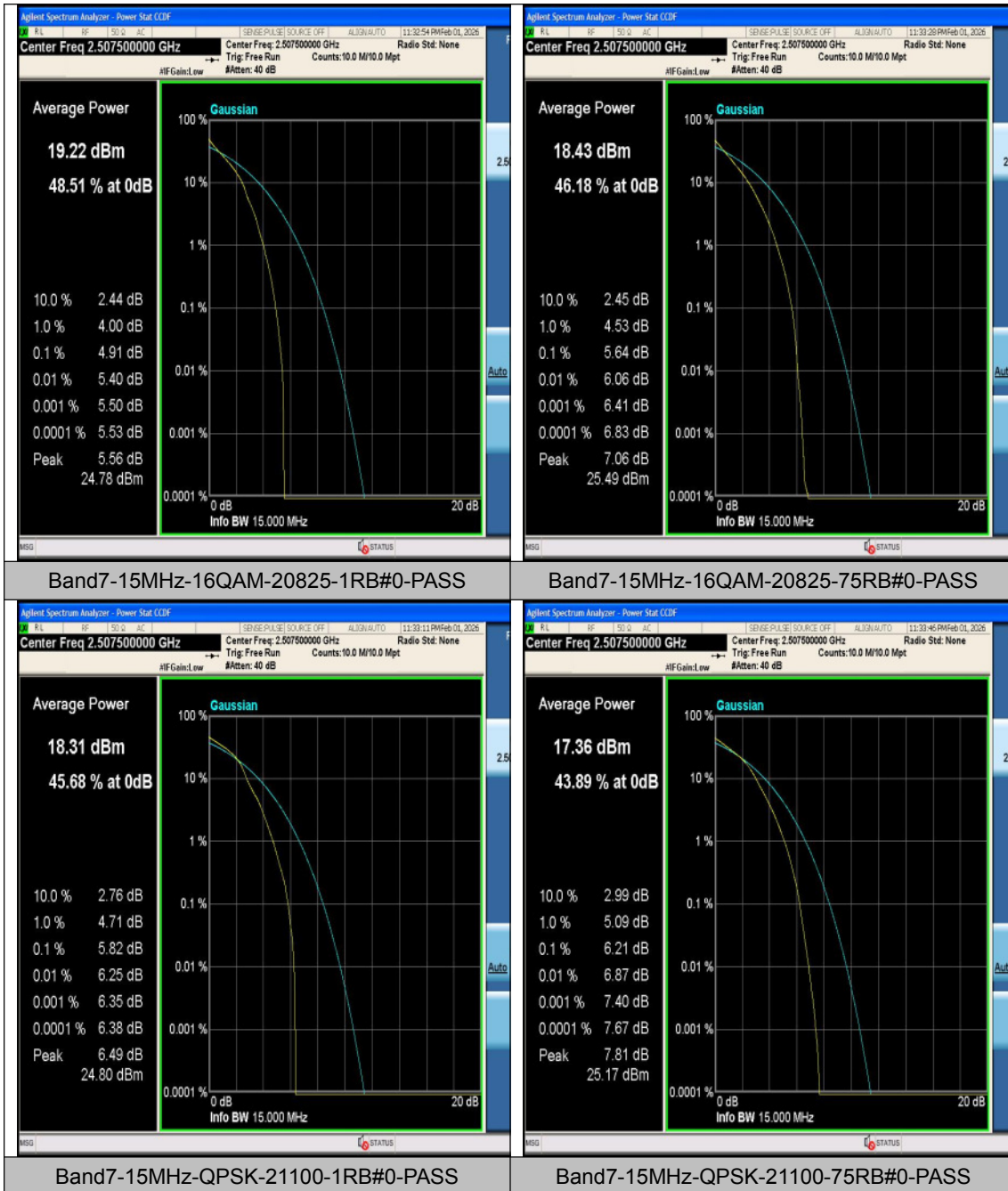
Band7-10MHz-16QAM-21100-50RB#0-PASS



Band7-10MHz-QPSK-21400-1RB#0-PASS

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







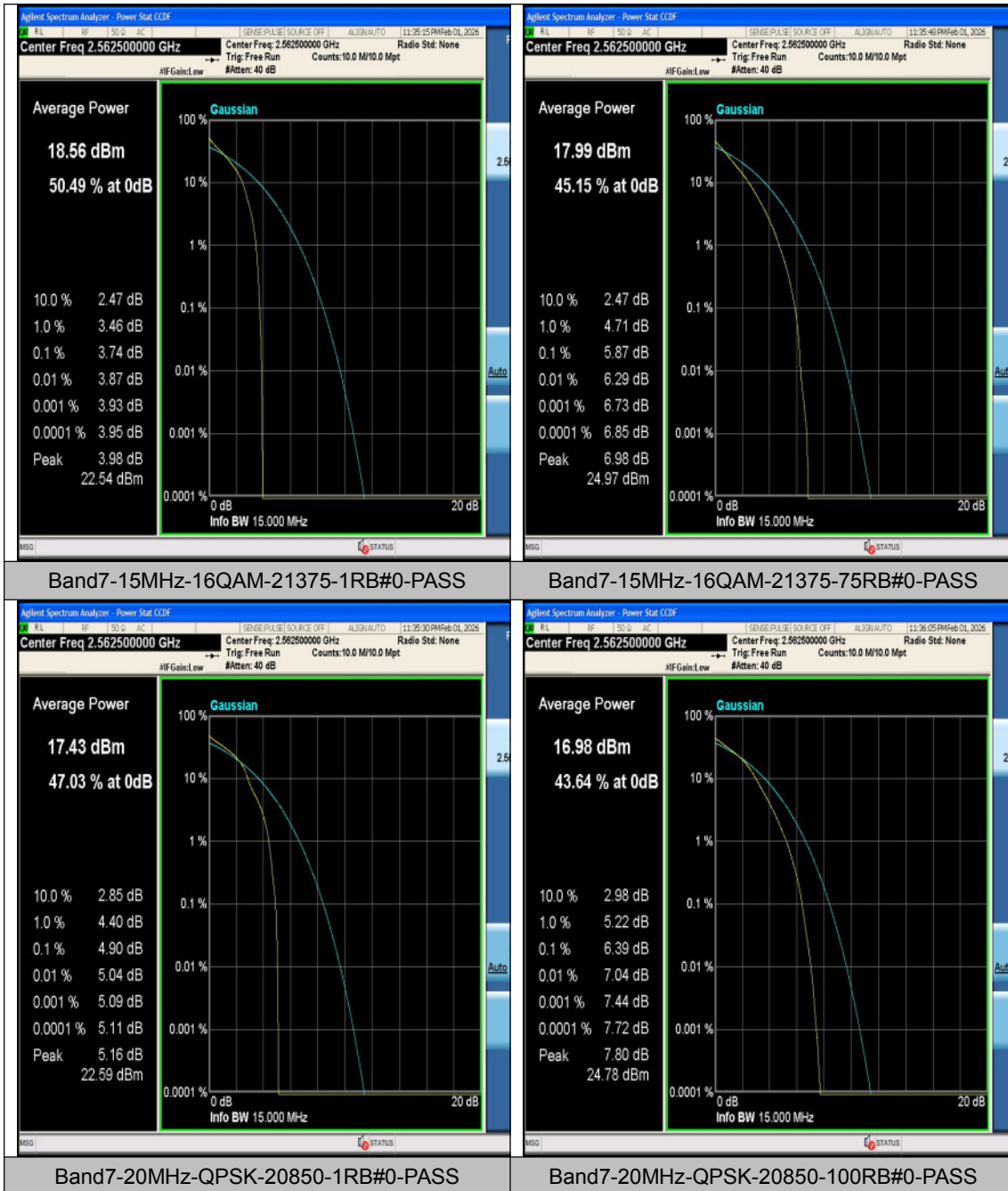
Band7-15MHz-16QAM-21100-1RB#0-PASS

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



Band7-15MHz-QPSK-21375-1RB#0-PASS

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





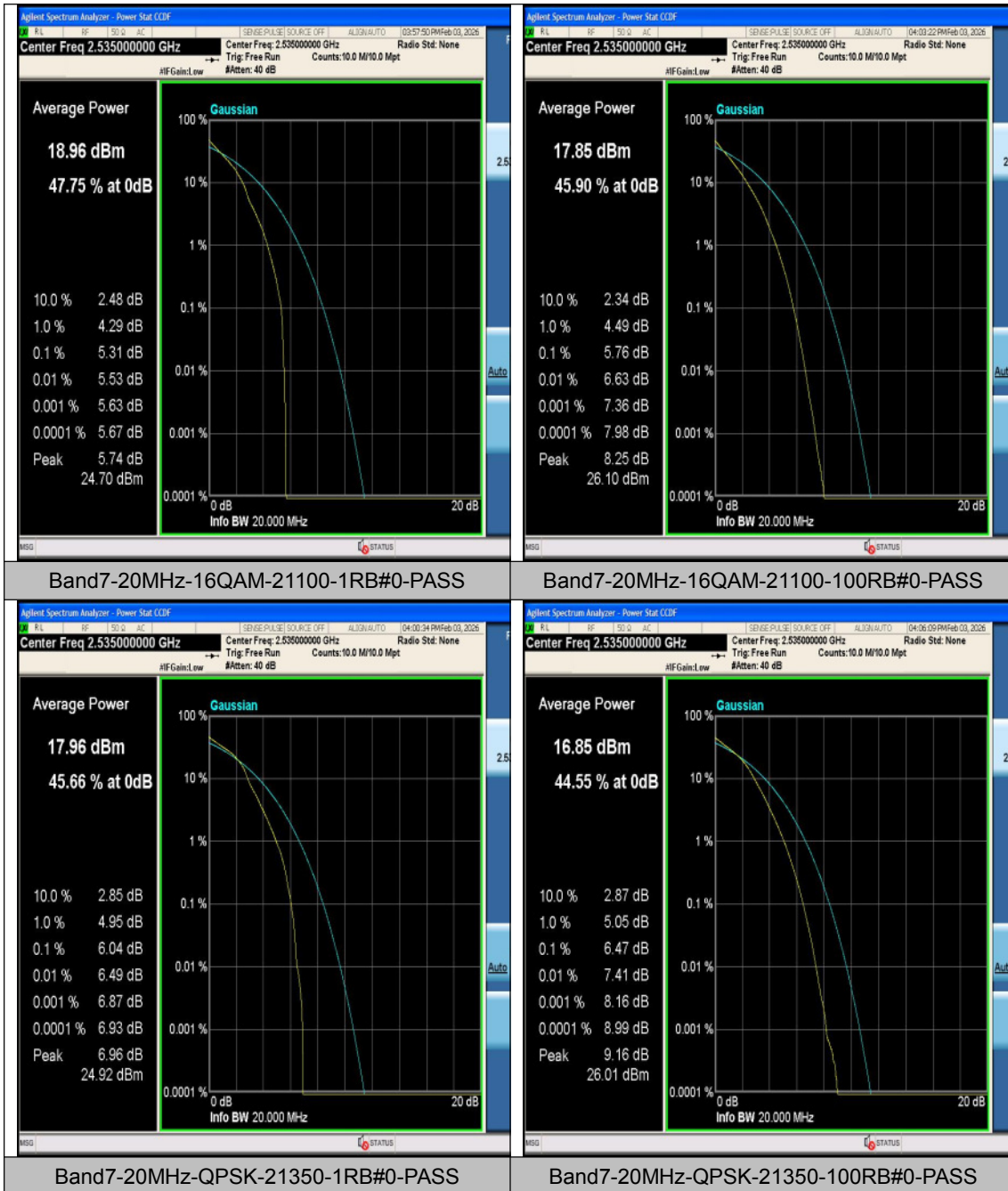
Band7-20MHz-16QAM-20850-1RB#0-PASS

Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-QPSK-21100-1RB#0-PASS

Band7-20MHz-QPSK-21100-100RB#0-PASS





Band7-20MHz-16QAM-21350-1RB#0-PASS

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

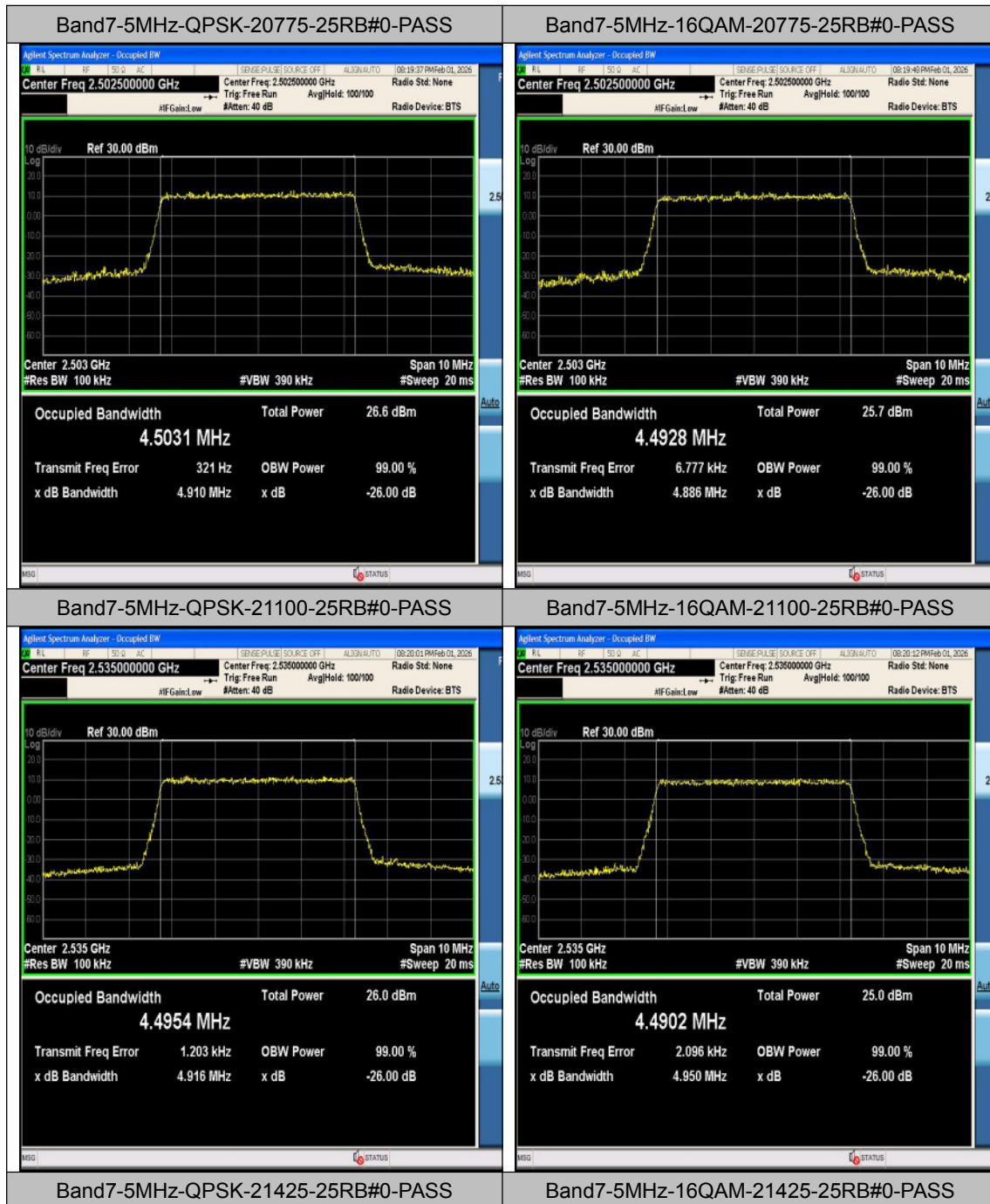


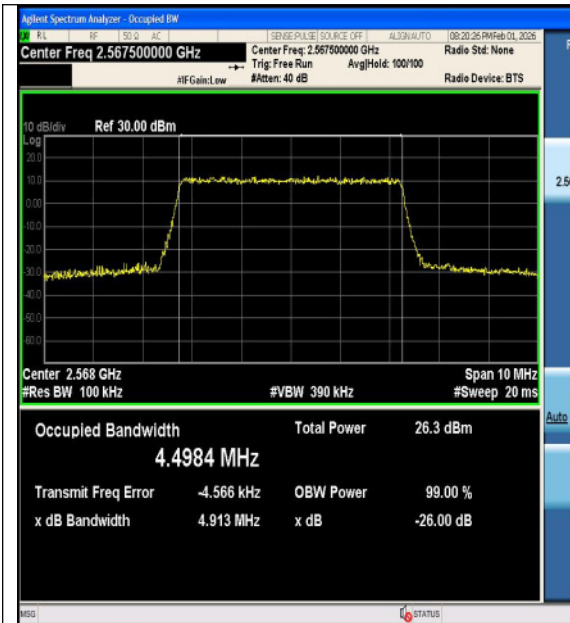
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

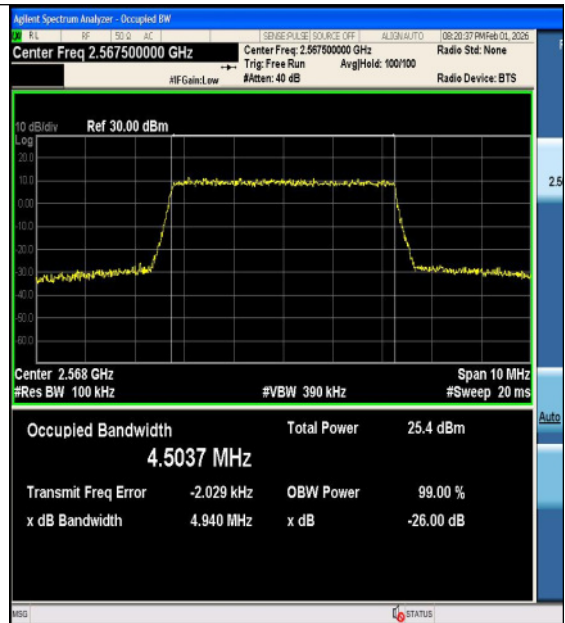
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5031	4.910	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4928	4.886	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4954	4.916	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4902	4.950	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4984	4.913	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5037	4.940	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9696	9.748	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9651	9.741	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0107	9.799	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9663	9.812	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9807	9.764	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9762	9.752	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.451	14.70	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.473	15.15	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.480	14.73	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.486	14.54	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.462	14.59	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.484	14.55	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.915	19.49	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.897	19.40	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.017	19.51	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.023	19.43	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.949	19.47	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.951	19.42	PASS

Test Graphs





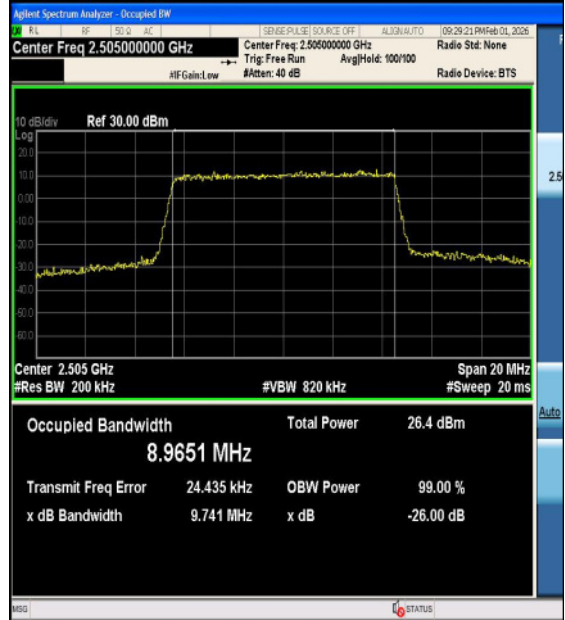
Band7-10MHz-QPSK-20800-50RB#0-PASS



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



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



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



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

Band7-10MHz-16QAM-21400-50RB#0-PASS

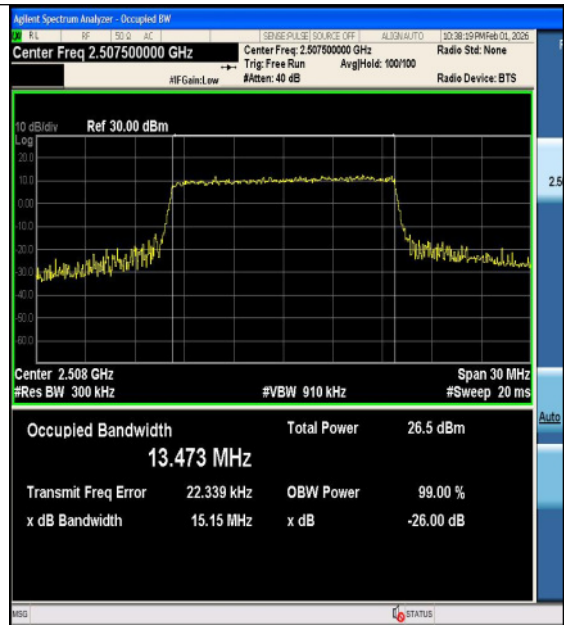


Band7-15MHz-QPSK-20825-75RB#0-PASS

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



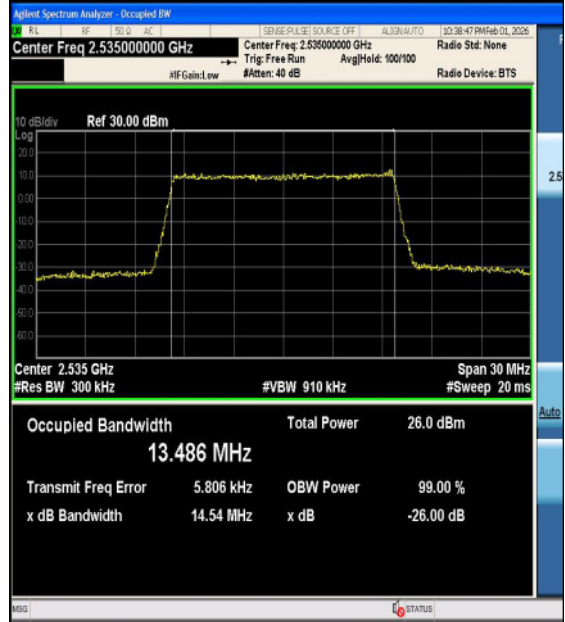
Band7-15MHz-QPSK-21100-75RB#0-PASS



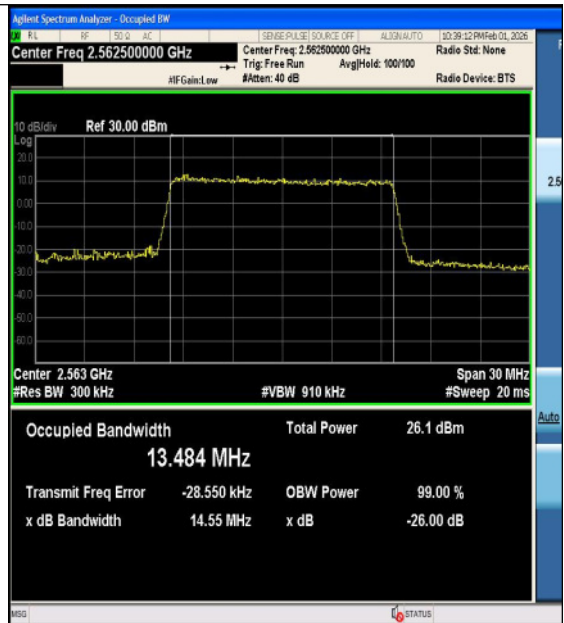
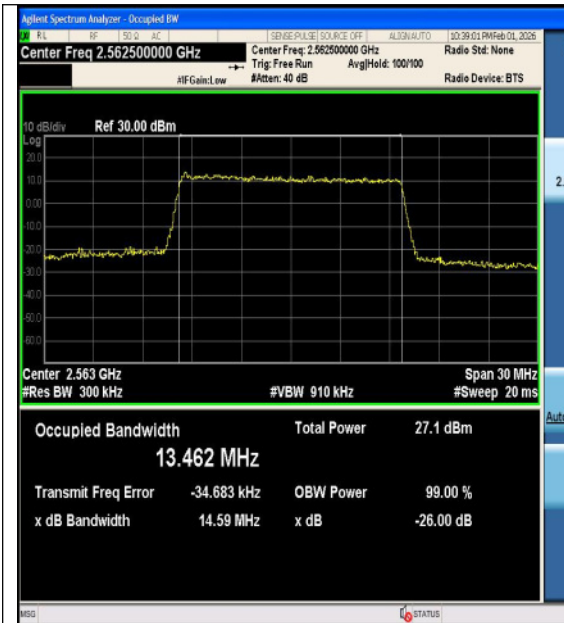
Band7-15MHz-16QAM-21100-75RB#0-PASS



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



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



Band7-20MHz-QPSK-20850-100RB#0-PASS

Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-QPSK-21100-100RB#0-PASS

Band7-20MHz-16QAM-21100-100RB#0-PASS