

FCC Appendix RF Test Data for LTE Band 7

Company: : **Gastor Pty Ltd**

EUT : **GPS tracker**

Model Number : **AG45**

FCC ID : **2BU7Q-AG45**

Report No. : **CTA26031300105**

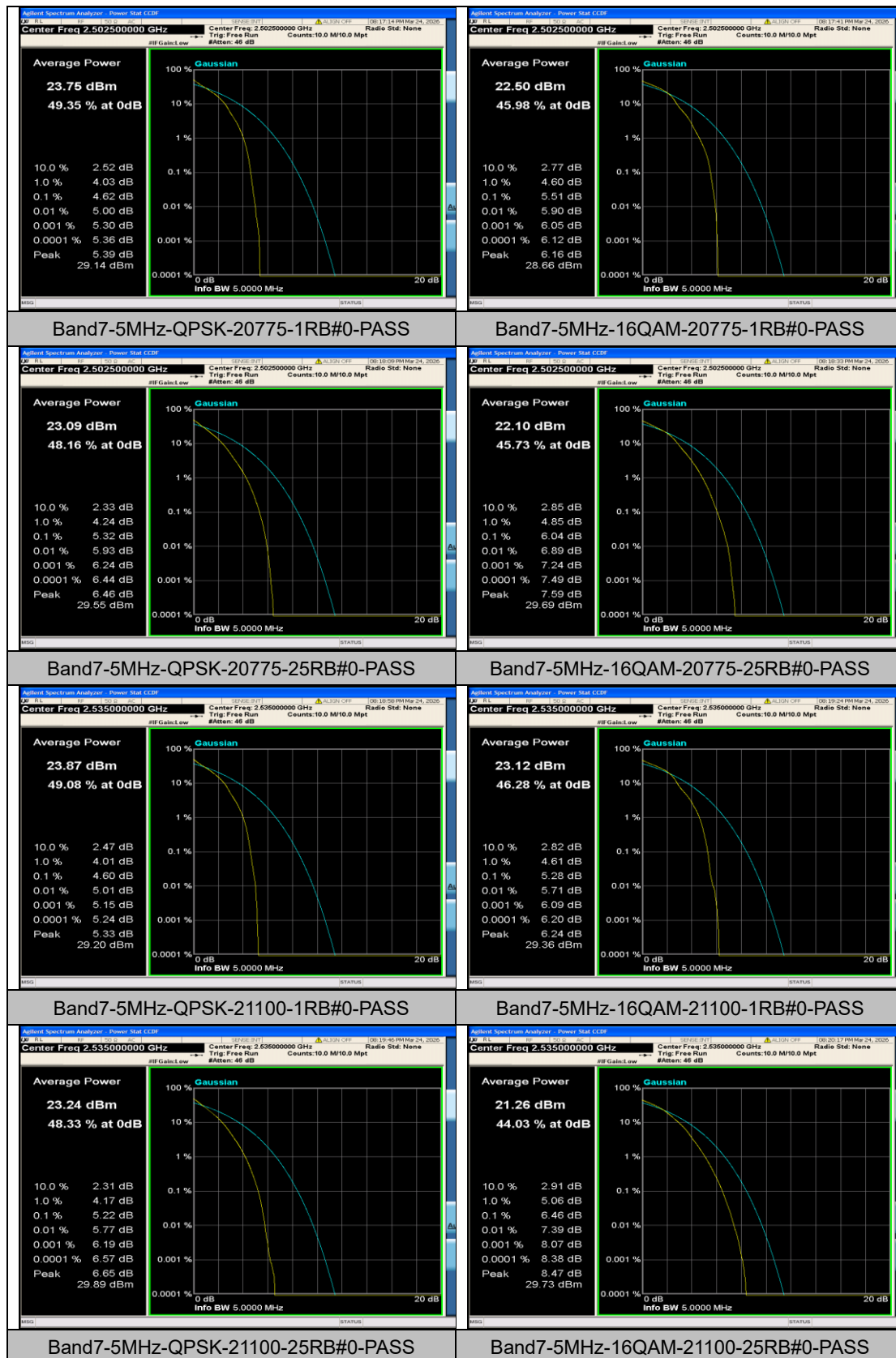
Reviewed By : **Eric Wang**

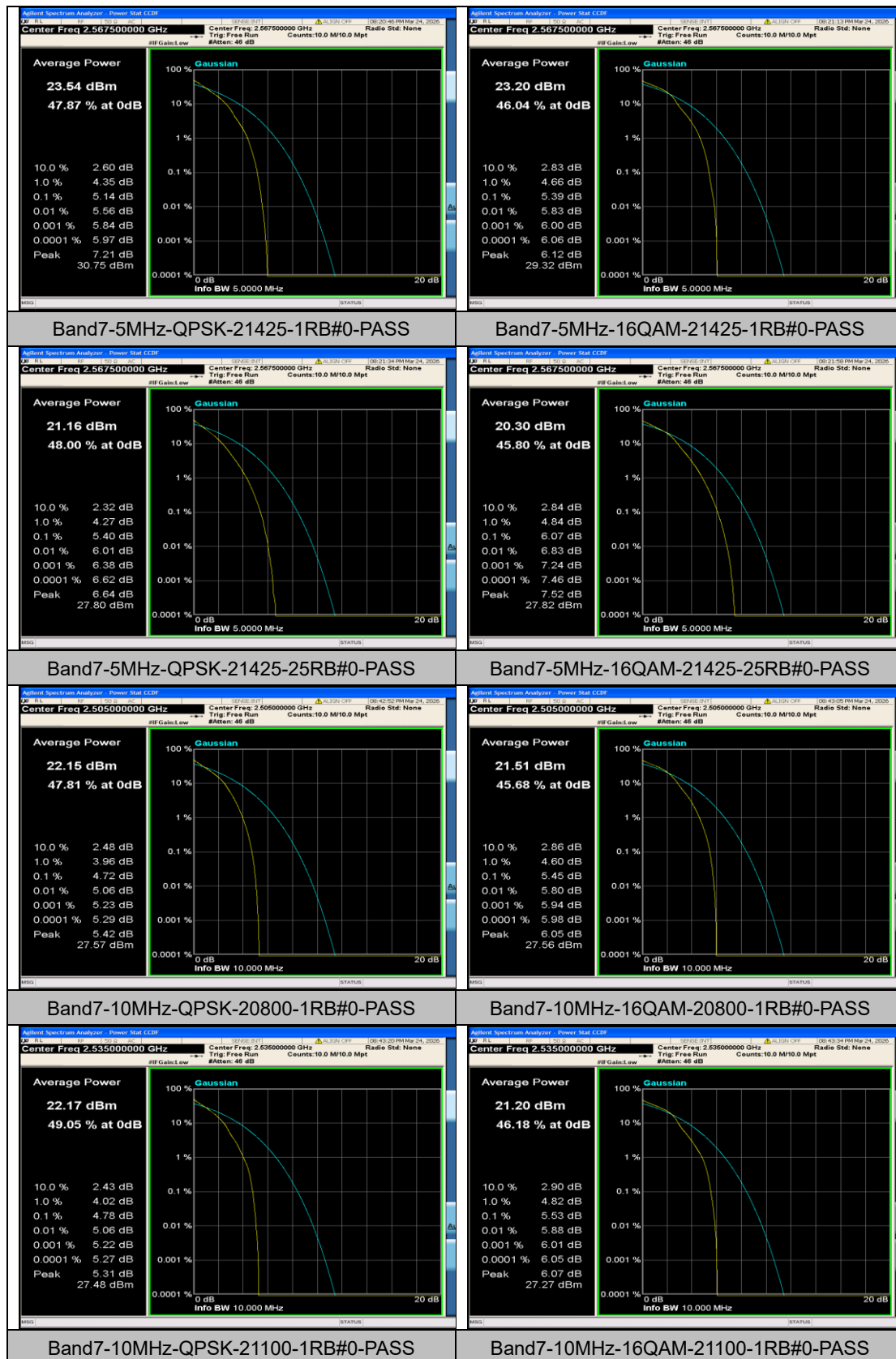
Appendix B: Peak-to-Average Ratio(CCDF)

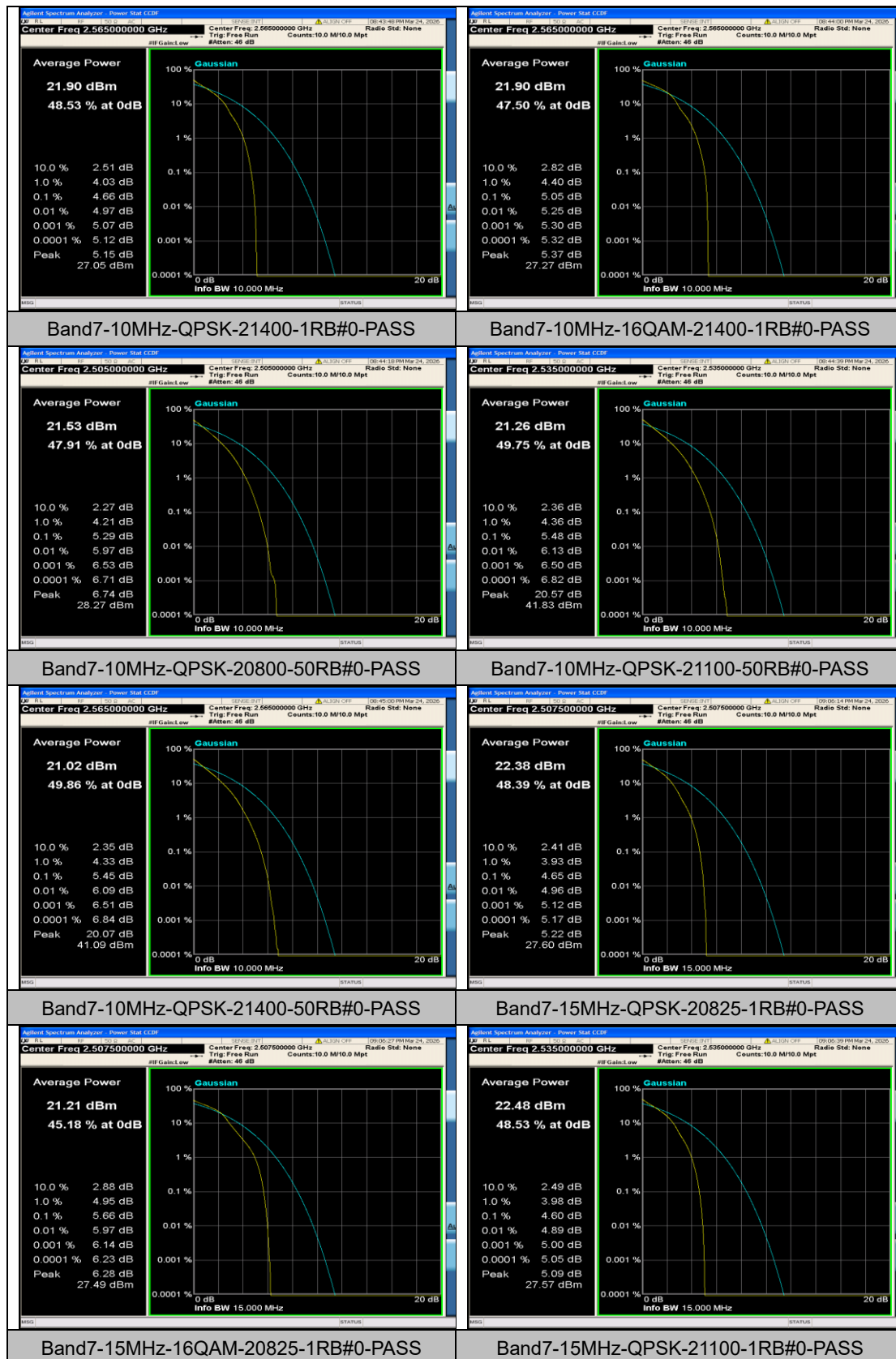
Test Result

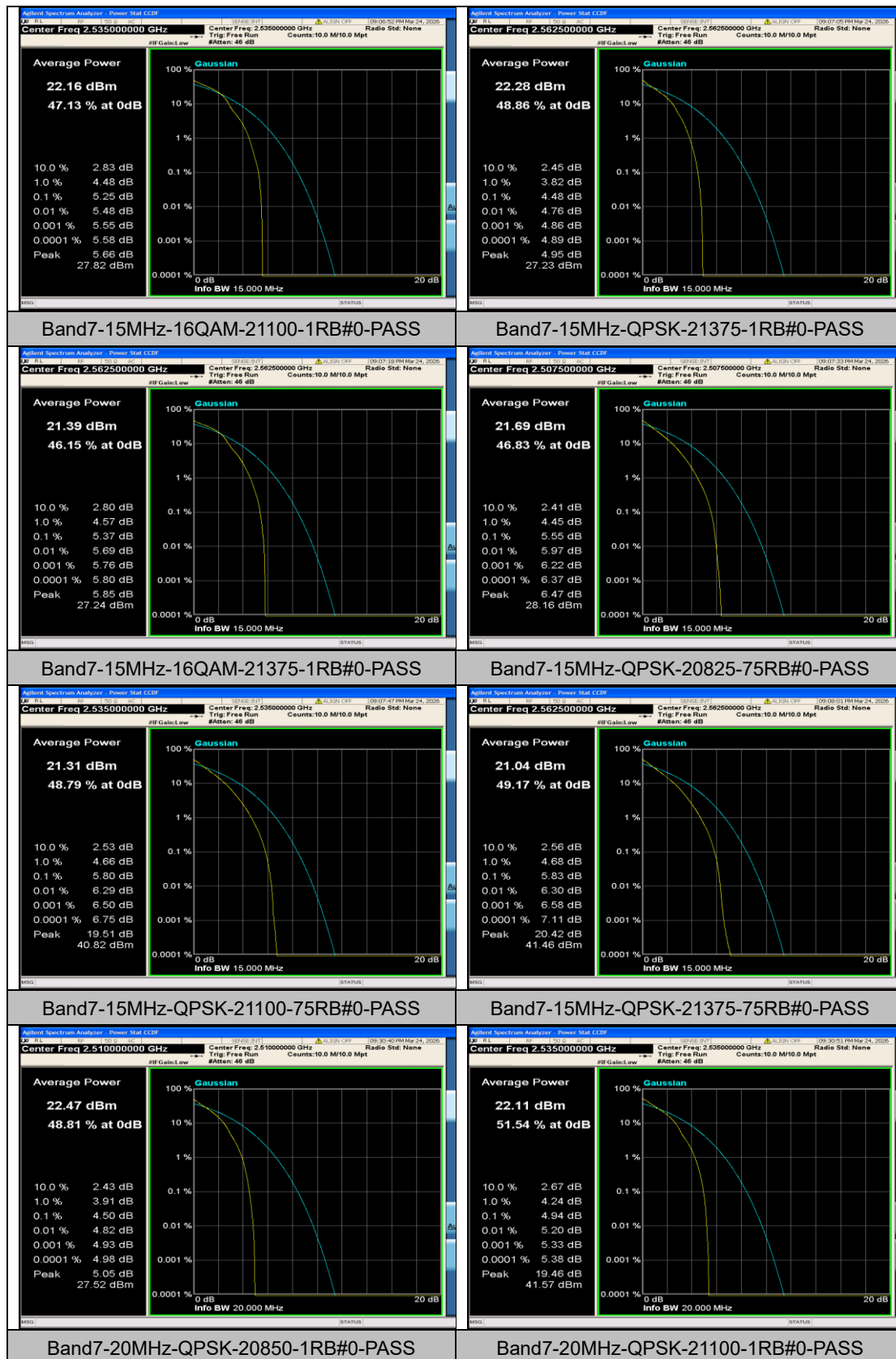
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.62	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.51	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.32	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.04	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.60	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.28	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.22	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.46	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.14	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.39	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.40	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.07	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.72	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.45	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.78	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.53	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.66	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.05	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.29	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.48	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.45	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.65	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.66	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.60	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.25	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.48	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.37	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.55	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.80	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.83	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.50	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.94	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.62	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.18	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.54	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.57	13	PASS

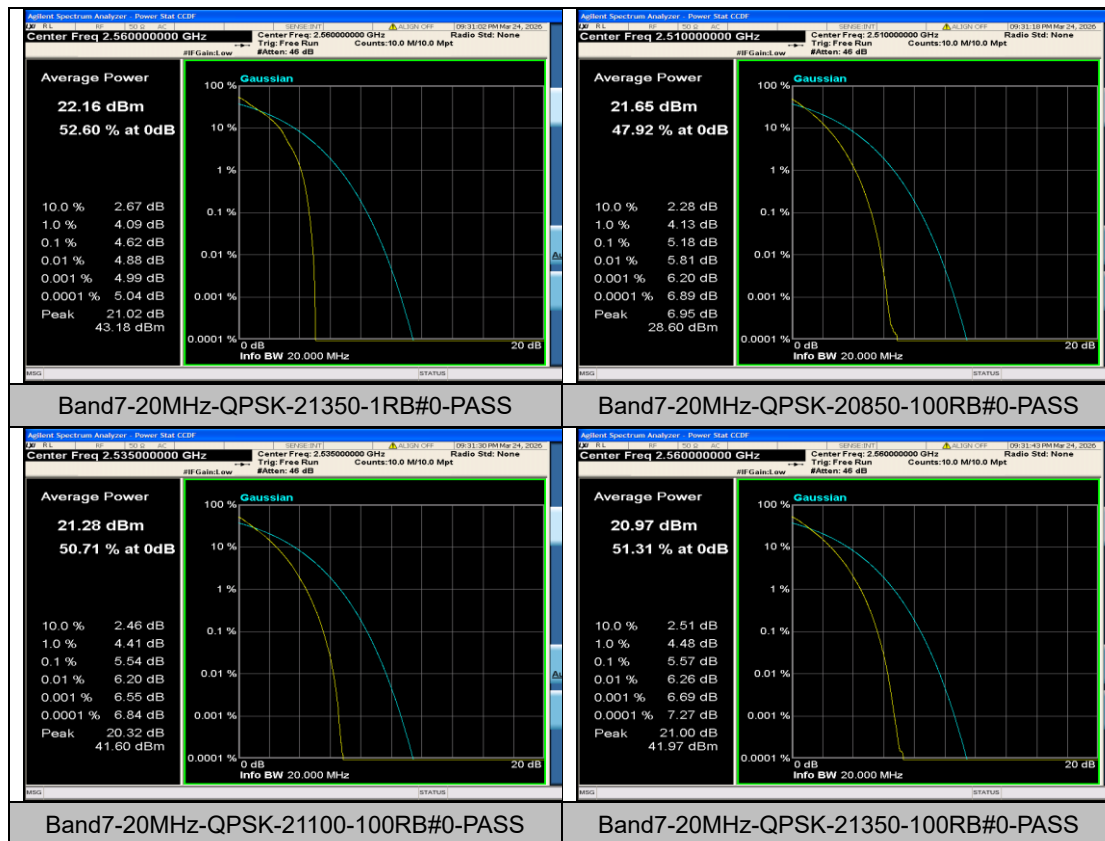
Test Graphs









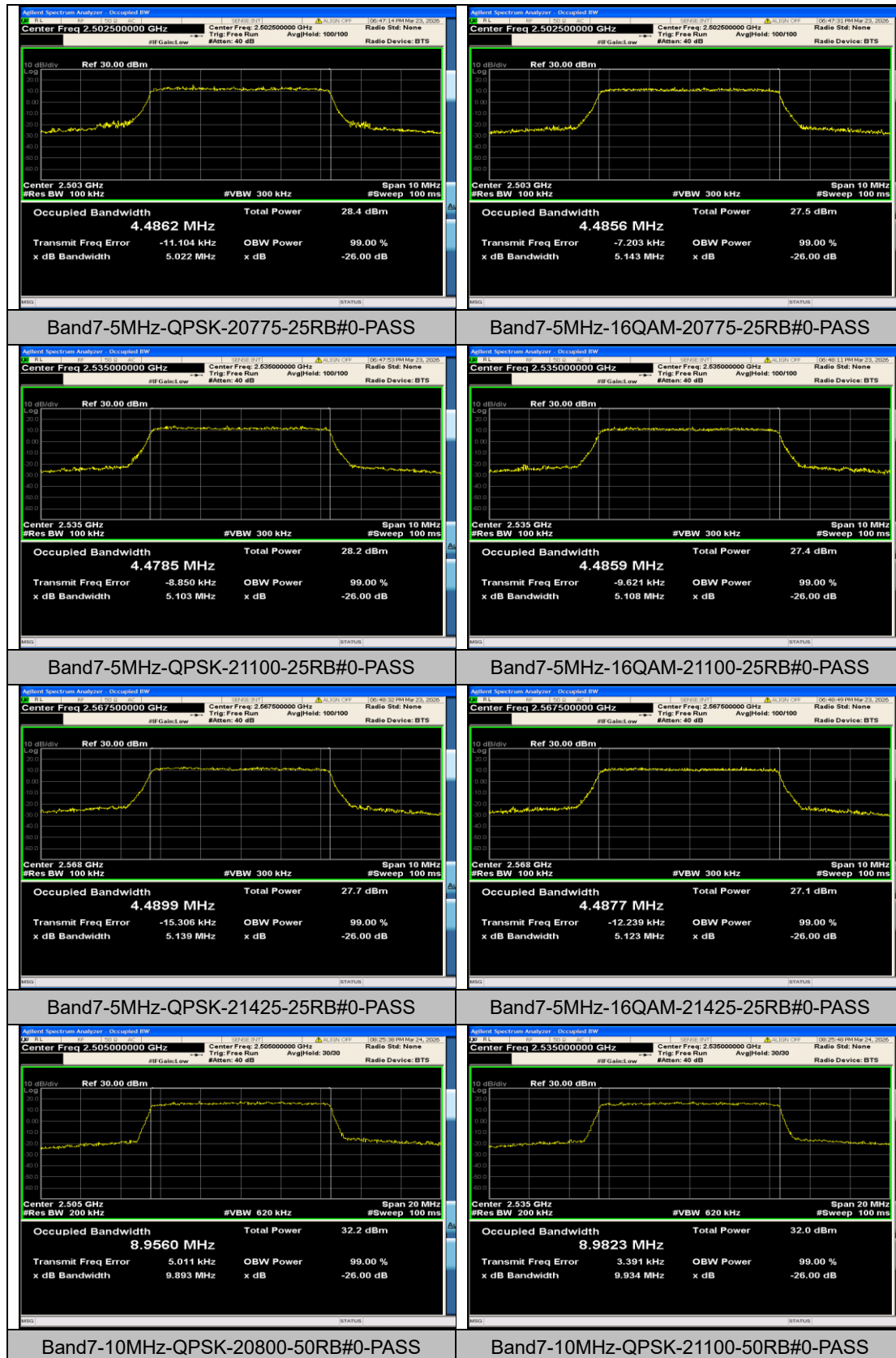


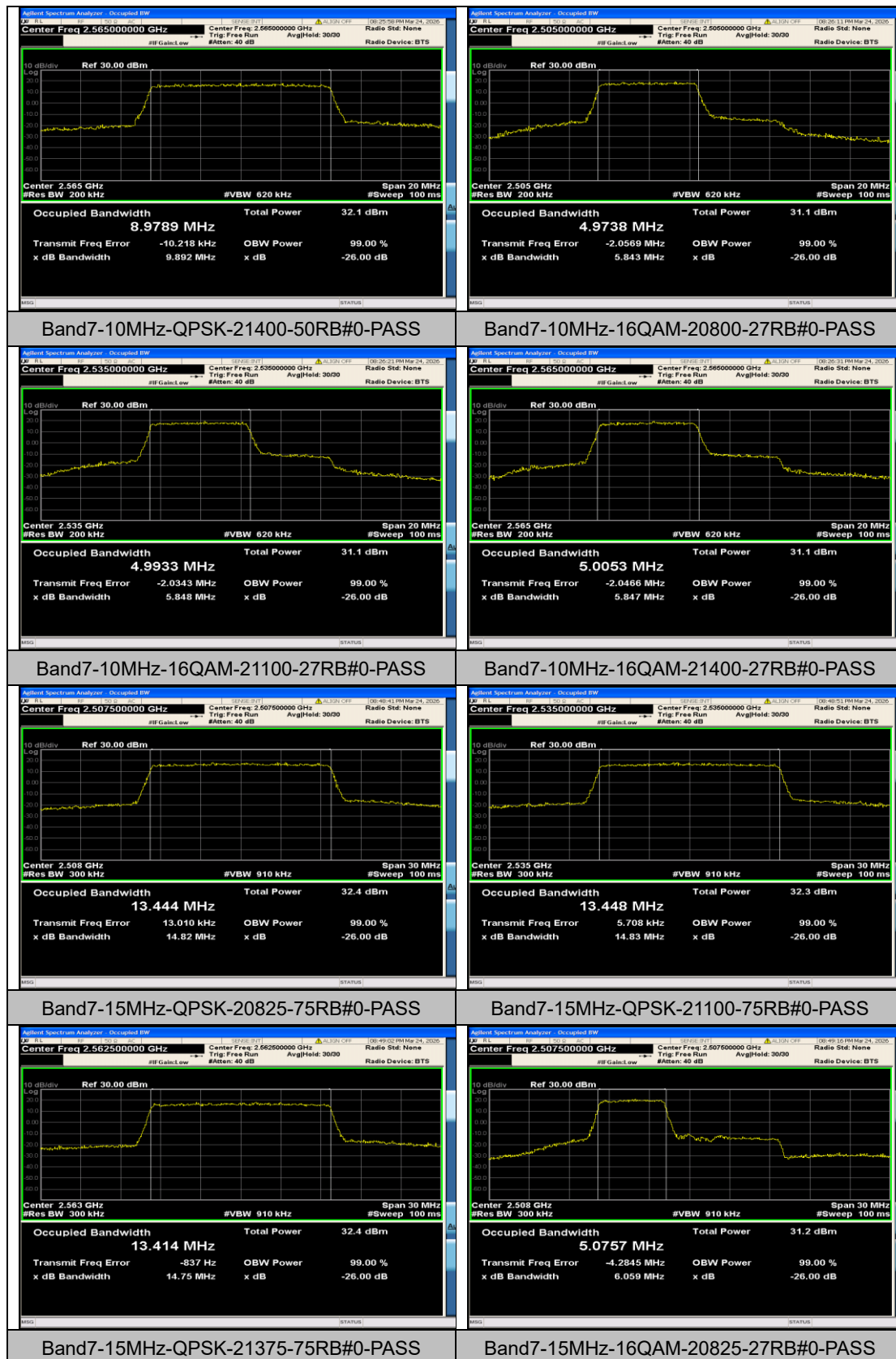
Appendix C: 26dB Bandwidth and Occupied Bandwidth

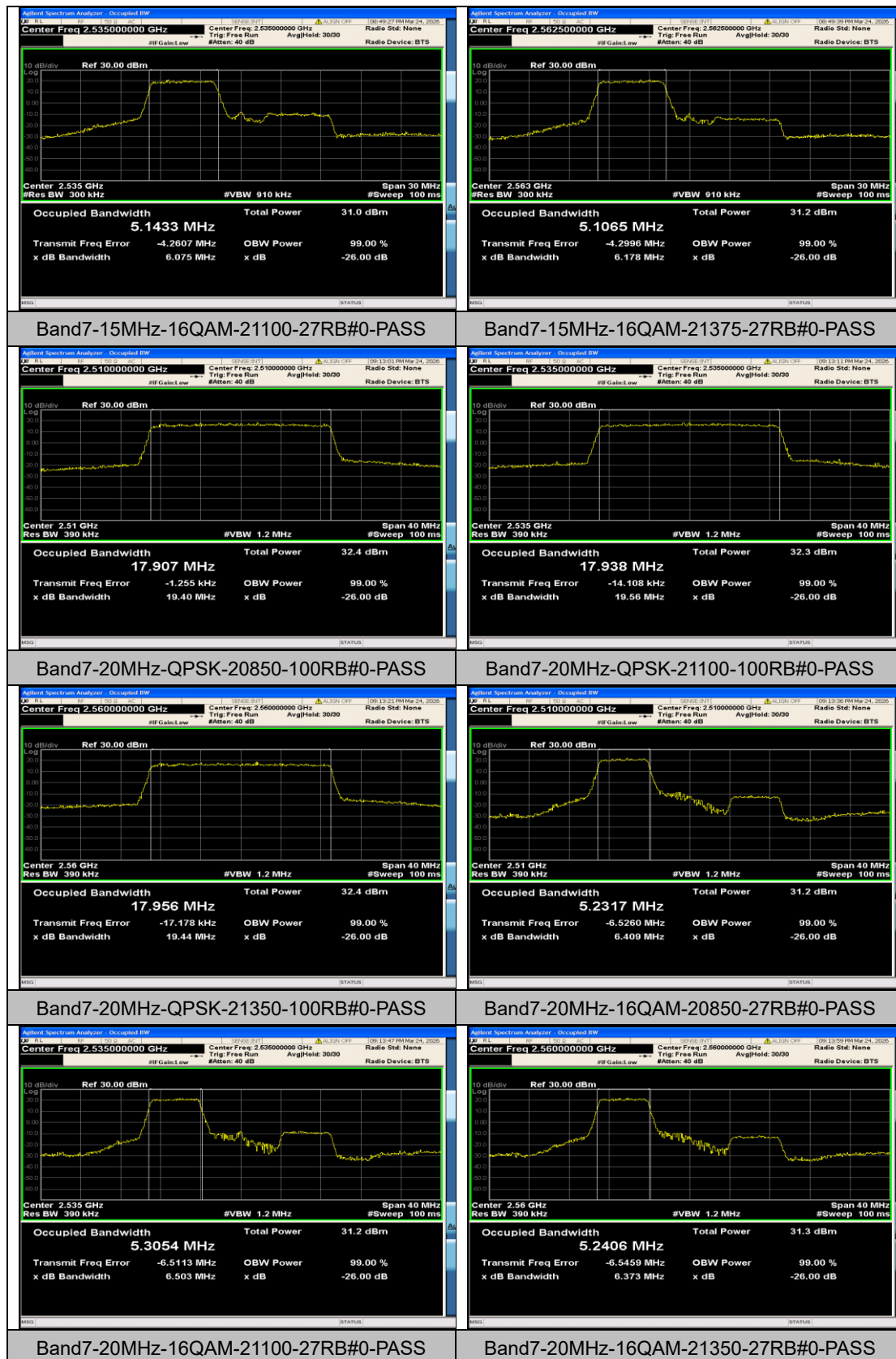
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4862	5.022	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4785	5.103	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4899	5.139	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4856	5.143	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4859	5.108	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4877	5.123	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9560	9.893	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9823	9.934	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9789	9.892	PASS
Band7	10MHz	16QAM	20800	27RB#0	4.9738	5.843	PASS
Band7	10MHz	16QAM	21100	27RB#0	4.9933	5.848	PASS
Band7	10MHz	16QAM	21400	27RB#0	5.0053	5.847	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.444	14.82	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.448	14.83	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.414	14.75	PASS
Band7	15MHz	16QAM	20825	27RB#0	5.0757	6.059	PASS
Band7	15MHz	16QAM	21100	27RB#0	5.1433	6.075	PASS
Band7	15MHz	16QAM	21375	27RB#0	5.1065	6.178	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.907	19.40	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.938	19.56	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.956	19.44	PASS
Band7	20MHz	16QAM	20850	27RB#0	5.2317	6.409	PASS
Band7	20MHz	16QAM	21100	27RB#0	5.3054	6.503	PASS
Band7	20MHz	16QAM	21350	27RB#0	5.2406	6.373	PASS

Test Graphs







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-26.31	PASS
Band7	5MHz	16QAM	20775	1RB#0	-25.31	PASS
Band7	5MHz	QPSK	20775	1RB#24	-47.19	PASS
Band7	5MHz	16QAM	20775	1RB#24	-47.20	PASS
Band7	5MHz	QPSK	20775	25RB#0	-30.33	PASS
Band7	5MHz	16QAM	20775	25RB#0	-30.27	PASS
Band7	5MHz	QPSK	21425	1RB#0	-46.76	PASS
Band7	5MHz	16QAM	21425	1RB#0	-46.78	PASS
Band7	5MHz	QPSK	21425	1RB#24	-29.38	PASS
Band7	5MHz	16QAM	21425	1RB#24	-31.15	PASS
Band7	5MHz	QPSK	21425	25RB#0	-46.48	PASS
Band7	5MHz	16QAM	21425	25RB#0	-46.36	PASS
Band7	10MHz	QPSK	20800	1RB#0	-31.33	PASS
Band7	10MHz	16QAM	20800	1RB#0	-32.42	PASS
Band7	10MHz	QPSK	20800	1RB#49	-33.69	PASS
Band7	10MHz	16QAM	20800	1RB#49	-47.21	PASS
Band7	10MHz	QPSK	21400	1RB#0	-34.62	PASS
Band7	10MHz	16QAM	21400	1RB#0	-46.67	PASS
Band7	10MHz	QPSK	21400	1RB#49	-46.59	PASS
Band7	10MHz	16QAM	21400	1RB#49	-46.65	PASS
Band7	10MHz	QPSK	20800	50RB#0	-27.44	PASS
Band7	10MHz	QPSK	21400	50RB#0	-26.36	PASS
Band7	15MHz	QPSK	20825	1RB#0	-35.46	PASS
Band7	15MHz	16QAM	20825	1RB#0	-37.99	PASS
Band7	15MHz	QPSK	20825	1RB#74	-37.81	PASS
Band7	15MHz	16QAM	20825	1RB#74	-39.93	PASS
Band7	15MHz	QPSK	21375	1RB#0	-46.81	PASS
Band7	15MHz	16QAM	21375	1RB#0	-46.83	PASS
Band7	15MHz	QPSK	21375	1RB#74	-46.82	PASS
Band7	15MHz	16QAM	21375	1RB#74	-46.86	PASS
Band7	15MHz	QPSK	20825	75RB#0	-37.43	PASS
Band7	15MHz	QPSK	21375	75RB#0	-26.35	PASS
Band7	20MHz	QPSK	20850	1RB#0	-47.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	-47.06	PASS
Band7	20MHz	QPSK	20850	1RB#99	-47.19	PASS
Band7	20MHz	16QAM	20850	1RB#99	-47.18	PASS
Band7	20MHz	QPSK	21350	1RB#0	-46.90	PASS

Band7	20MHz	16QAM	21350	1RB#0	-46.90	PASS
Band7	20MHz	QPSK	21350	1RB#99	-34.35	PASS
Band7	20MHz	16QAM	21350	1RB#99	-46.92	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	-27.60	PASS

Test Graphs

