

FCC Appendix RF Test Data for LTE Band 7

FCC ID : 2A3DR-AGMN2

Company : AGM MOBILE LIMITED

EUT : 4G smart Phone

Model Number : AGM_NOTE_N2

Report No. : CTA26041102306

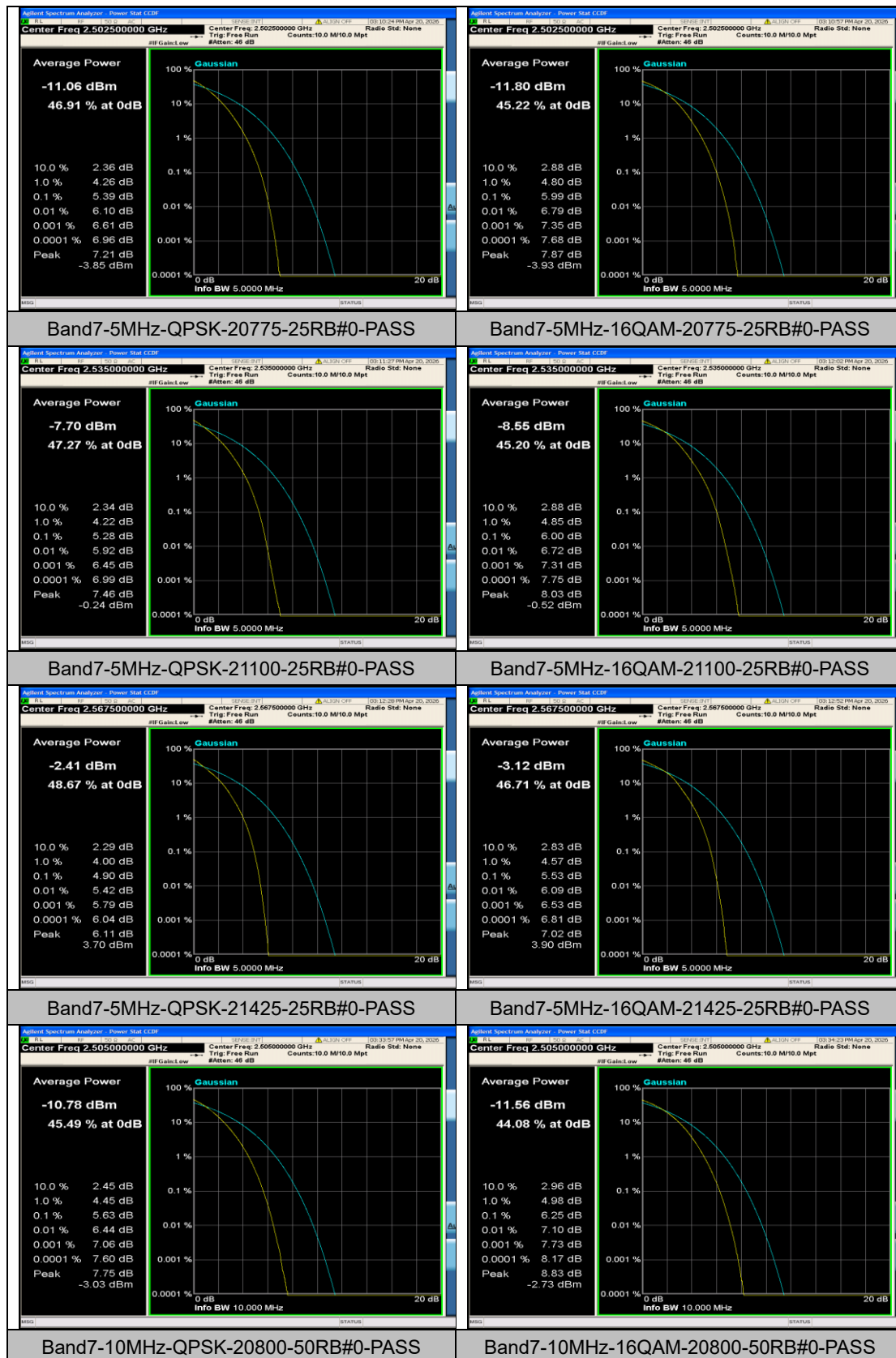
Reviewed By : Eric Wang

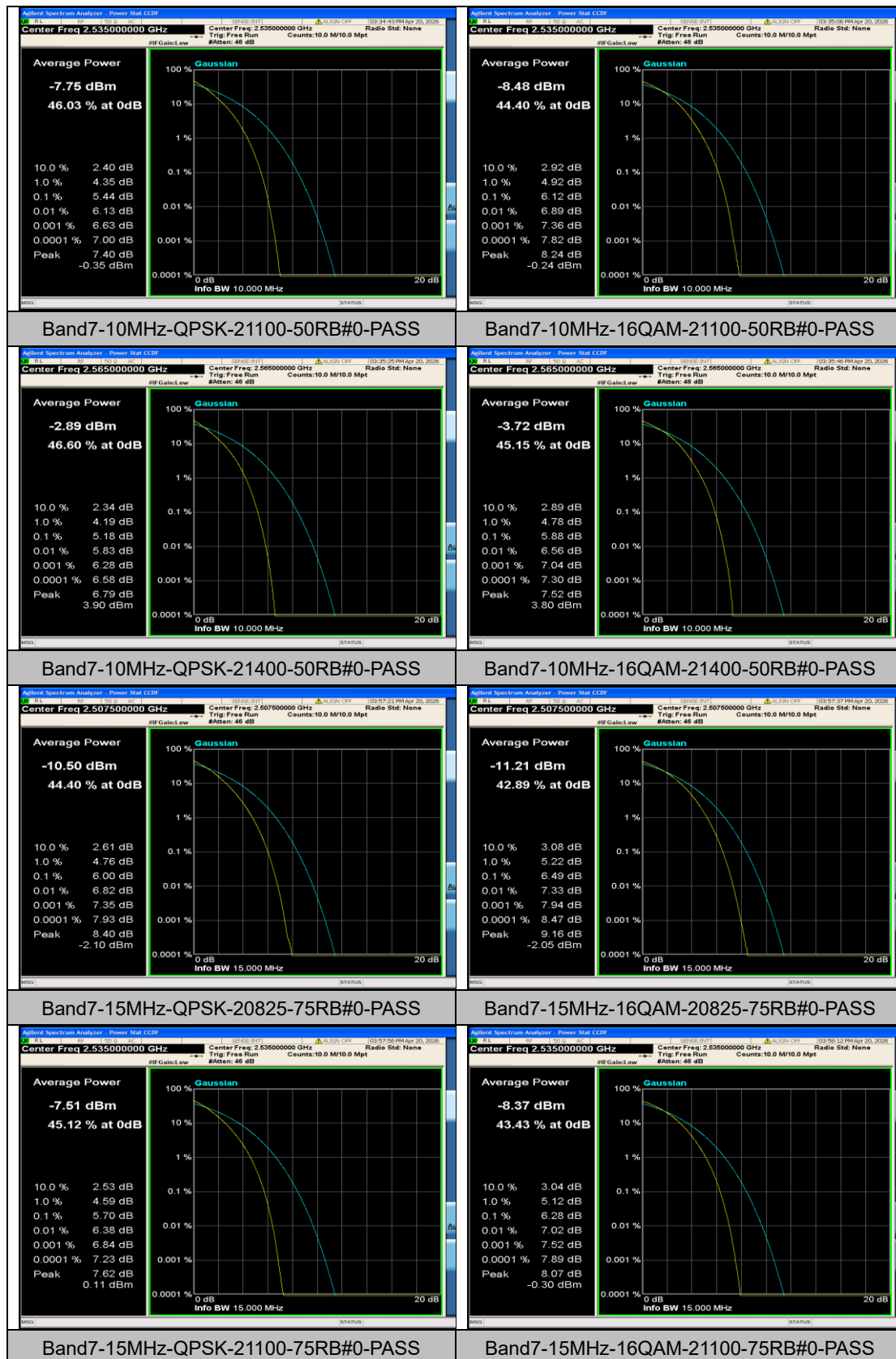
Appendix A: Peak-to-Average Ratio(CCDF)

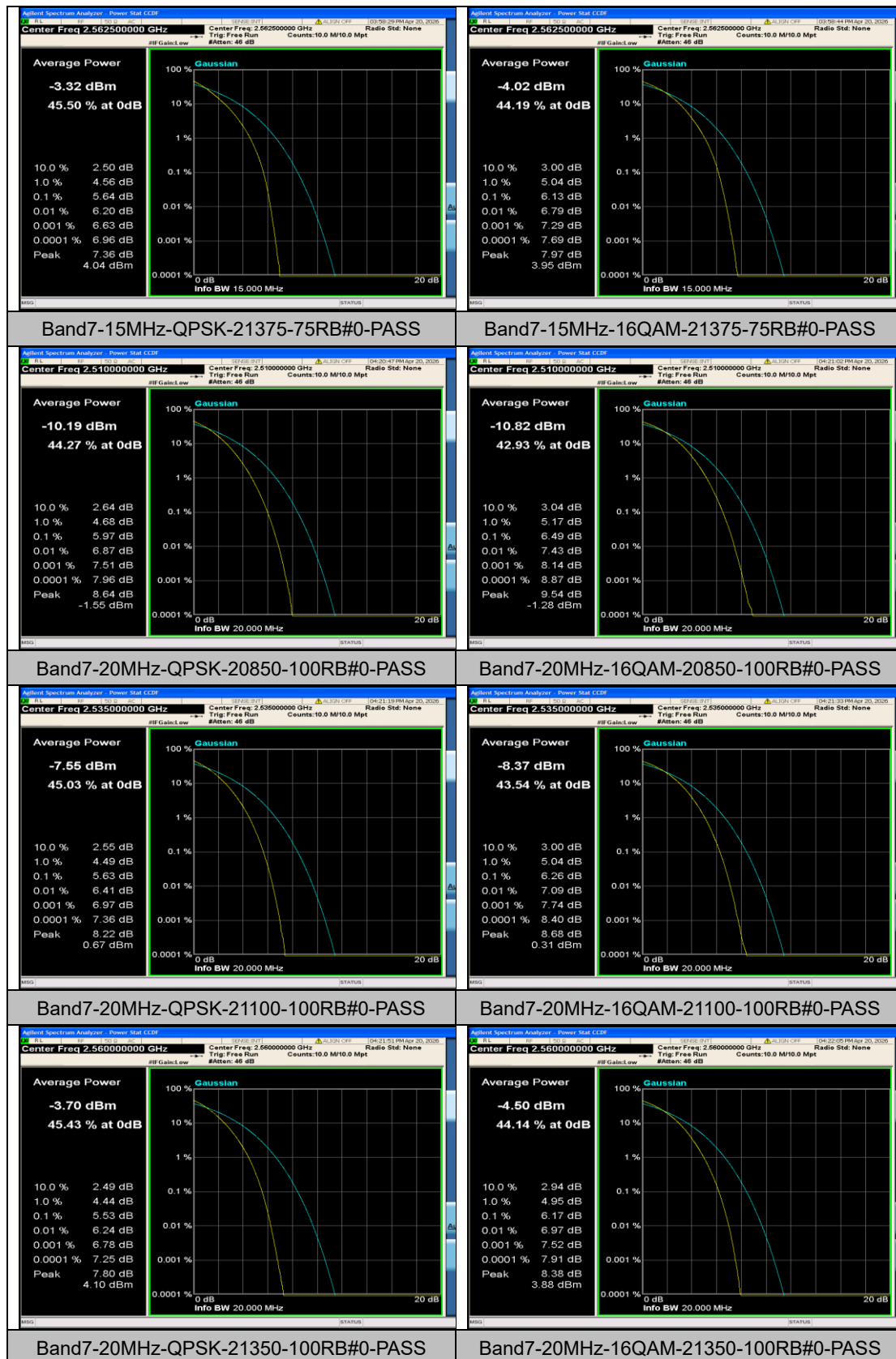
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.39	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.99	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.28	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.00	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.90	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.53	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.63	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.25	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.44	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.12	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.18	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.88	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	6.00	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.49	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.70	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.28	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.64	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.13	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.97	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.49	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.63	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.26	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.53	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.17	13	PASS

Test Graphs





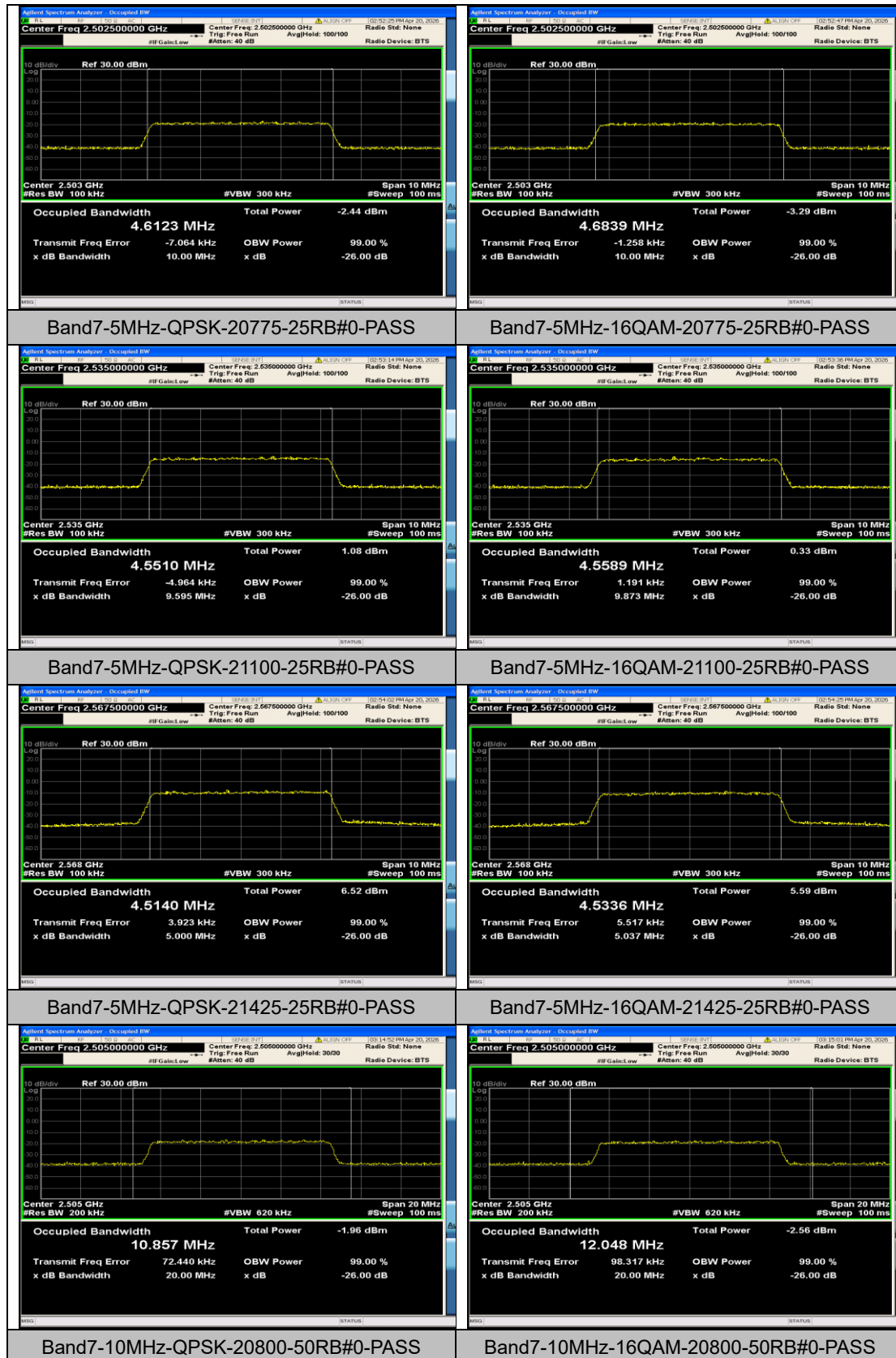


Appendix B: 26dB Bandwidth and Occupied Bandwidth

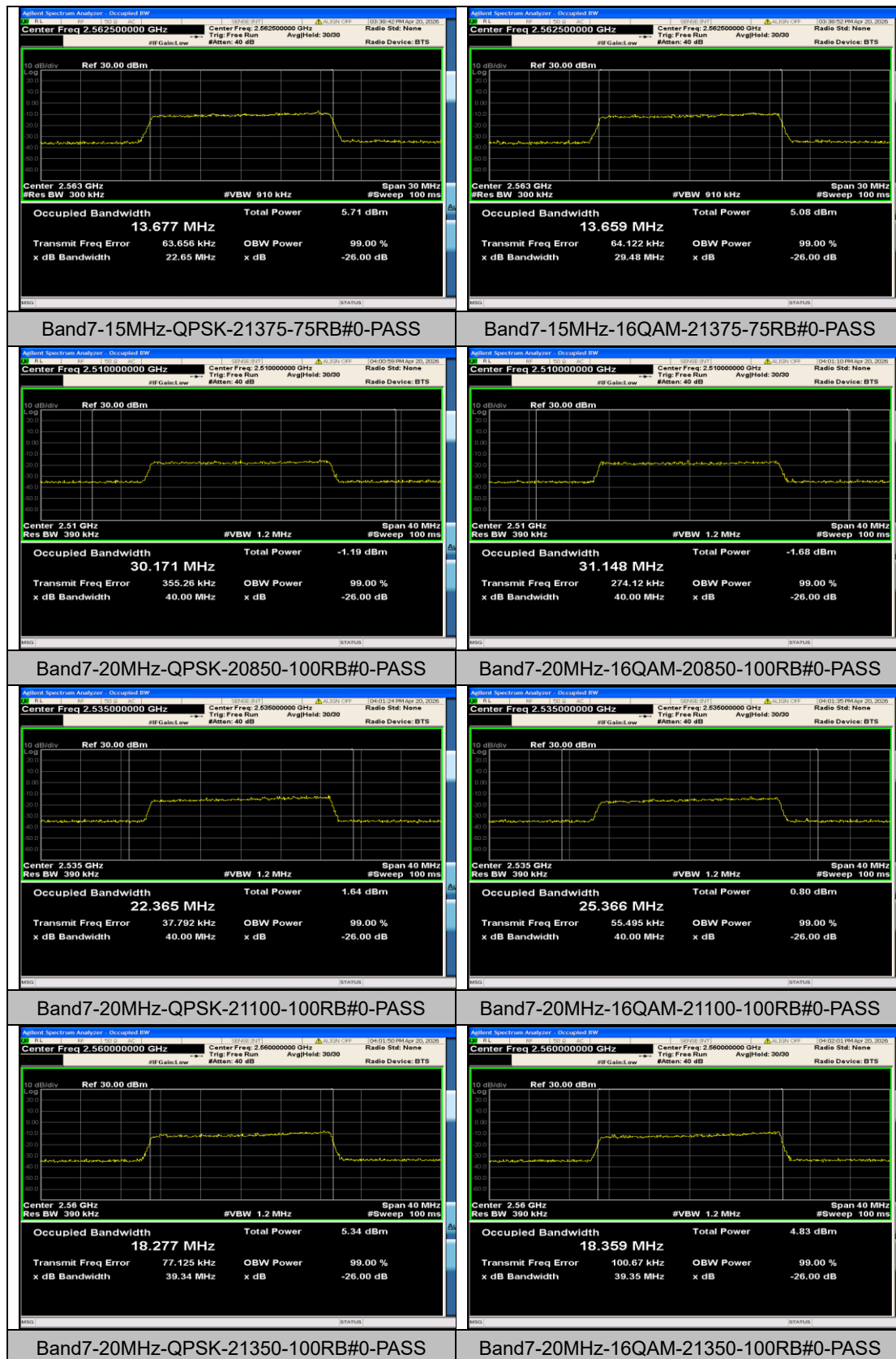
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.6123	10.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.6839	10.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5510	9.595	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5589	9.873	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5140	5.000	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5336	5.037	PASS
Band7	10MHz	QPSK	20800	50RB#0	10.857	20.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	12.048	20.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.1231	19.99	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.2313	20.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0480	10.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0384	11.08	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.724	30.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.629	30.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	14.122	30.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	15.585	30.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.677	22.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.659	29.48	PASS
Band7	20MHz	QPSK	20850	100RB#0	30.171	40.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	31.148	40.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.365	40.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	25.366	40.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.277	39.34	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.359	39.35	PASS

Test Graphs





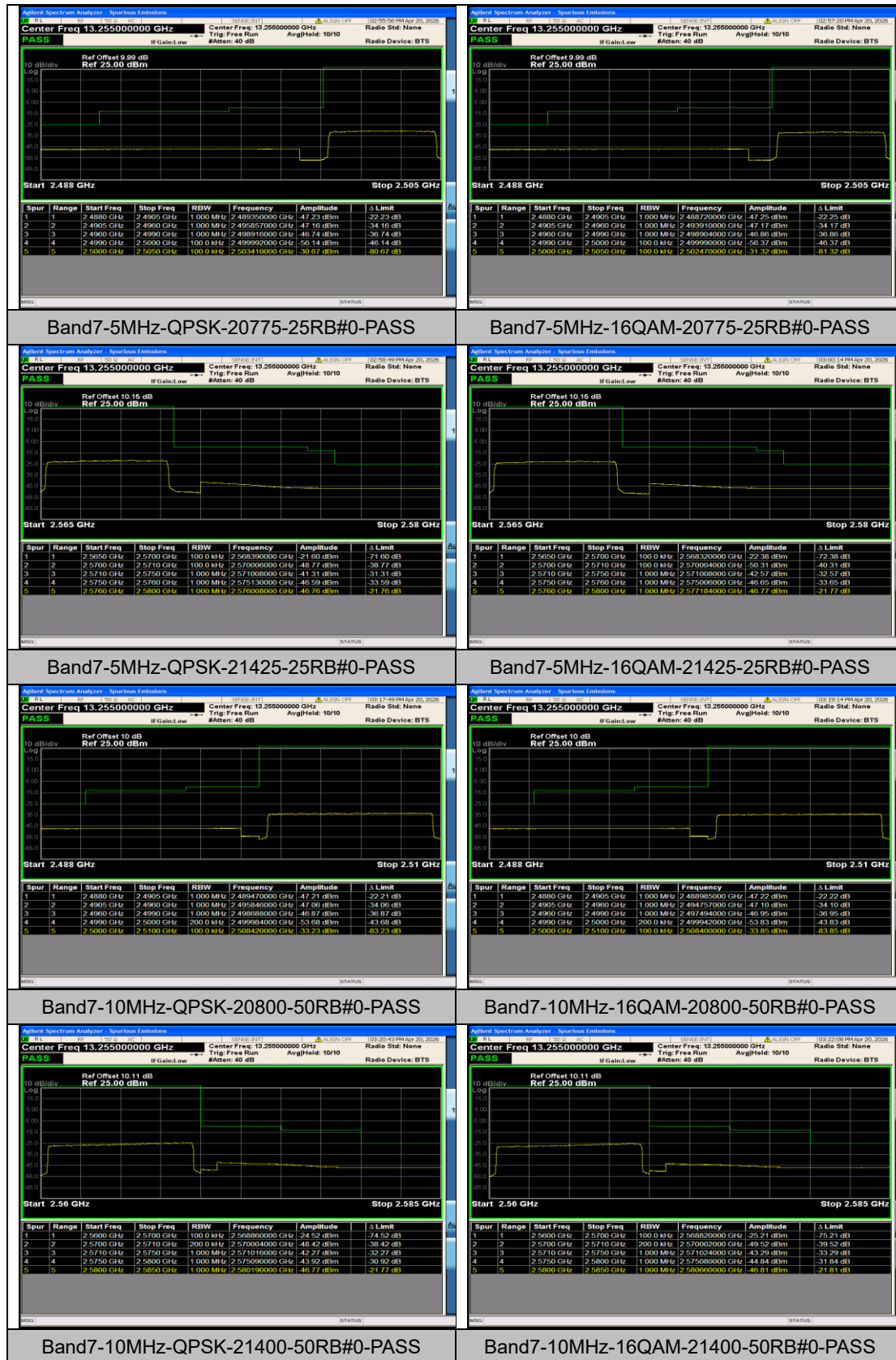


Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-47.23	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.25	PASS
Band7	5MHz	QPSK	21425	25RB#0	-46.76	PASS
Band7	5MHz	16QAM	21425	25RB#0	-46.77	PASS
Band7	10MHz	QPSK	20800	50RB#0	-47.21	PASS
Band7	10MHz	16QAM	20800	50RB#0	-47.22	PASS
Band7	10MHz	QPSK	21400	50RB#0	-46.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	-46.81	PASS
Band7	15MHz	QPSK	20825	75RB#0	-47.19	PASS
Band7	15MHz	16QAM	20825	75RB#0	-47.17	PASS
Band7	15MHz	QPSK	21375	75RB#0	-46.84	PASS
Band7	15MHz	16QAM	21375	75RB#0	-46.85	PASS
Band7	20MHz	QPSK	20850	100RB#0	-47.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	-47.18	PASS
Band7	20MHz	QPSK	21350	100RB#0	-46.89	PASS
Band7	20MHz	16QAM	21350	100RB#0	-46.88	PASS

Test Graphs





Appendix D: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	0.009~0.15	-69.98	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-62.45	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-57.58	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~3000	-47.92	PASS
Band7	5MHz	QPSK	20775	25RB#0	3000~18000	-38.30	PASS
Band7	5MHz	QPSK	20775	25RB#0	18000~26000	-32.03	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-70.68	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-60.91	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-58.60	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~3000	-47.90	PASS
Band7	5MHz	16QAM	20775	25RB#0	3000~18000	-38.74	PASS
Band7	5MHz	16QAM	20775	25RB#0	18000~26000	-32.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-70.10	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-62.77	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-58.39	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~3000	-48.12	PASS
Band7	5MHz	QPSK	21100	25RB#0	3000~18000	-38.73	PASS
Band7	5MHz	QPSK	21100	25RB#0	18000~26000	-31.92	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-69.68	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-63.85	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-58.36	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~3000	-47.94	PASS
Band7	5MHz	16QAM	21100	25RB#0	3000~18000	-38.51	PASS
Band7	5MHz	16QAM	21100	25RB#0	18000~26000	-31.91	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-70.40	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-62.87	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-57.99	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~3000	-47.79	PASS
Band7	5MHz	QPSK	21425	25RB#0	3000~18000	-38.68	PASS
Band7	5MHz	QPSK	21425	25RB#0	18000~26000	-31.61	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-70.39	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-61.64	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-58.61	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~3000	-48.16	PASS
Band7	5MHz	16QAM	21425	25RB#0	3000~18000	-38.37	PASS
Band7	5MHz	16QAM	21425	25RB#0	18000~26000	-31.51	PASS

Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-70.03	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-62.48	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-57.49	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~3000	-48.02	PASS
Band7	10MHz	QPSK	20800	50RB#0	3000~18000	-37.97	PASS
Band7	10MHz	QPSK	20800	50RB#0	18000~26000	-32.07	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-70.44	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-63.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-58.27	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~3000	-47.96	PASS
Band7	10MHz	16QAM	20800	50RB#0	3000~18000	-38.48	PASS
Band7	10MHz	16QAM	20800	50RB#0	18000~26000	-31.88	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-70.95	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-62.59	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-58.37	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~3000	-47.56	PASS
Band7	10MHz	QPSK	21100	50RB#0	3000~18000	-38.61	PASS
Band7	10MHz	QPSK	21100	50RB#0	18000~26000	-32.19	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-69.04	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-62.10	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-58.08	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~3000	-48.20	PASS
Band7	10MHz	16QAM	21100	50RB#0	3000~18000	-38.58	PASS
Band7	10MHz	16QAM	21100	50RB#0	18000~26000	-31.87	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-69.35	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-61.90	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-57.69	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~3000	-47.96	PASS
Band7	10MHz	QPSK	21400	50RB#0	3000~18000	-38.27	PASS
Band7	10MHz	QPSK	21400	50RB#0	18000~26000	-32.15	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-71.14	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-61.43	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-57.49	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~3000	-48.15	PASS
Band7	10MHz	16QAM	21400	50RB#0	3000~18000	-38.35	PASS
Band7	10MHz	16QAM	21400	50RB#0	18000~26000	-32.13	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-71.04	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-62.07	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-58.27	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~3000	-48.03	PASS
Band7	15MHz	QPSK	20825	75RB#0	3000~18000	-38.50	PASS
Band7	15MHz	QPSK	20825	75RB#0	18000~26000	-31.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-69.79	PASS

Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-62.01	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-58.32	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~3000	-48.03	PASS
Band7	15MHz	16QAM	20825	75RB#0	3000~18000	-38.50	PASS
Band7	15MHz	16QAM	20825	75RB#0	18000~26000	-31.97	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-70.24	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-60.86	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-58.45	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~3000	-47.93	PASS
Band7	15MHz	QPSK	21100	75RB#0	3000~18000	-38.68	PASS
Band7	15MHz	QPSK	21100	75RB#0	18000~26000	-31.91	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-71.36	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-63.38	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-58.62	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~3000	-48.03	PASS
Band7	15MHz	16QAM	21100	75RB#0	3000~18000	-38.06	PASS
Band7	15MHz	16QAM	21100	75RB#0	18000~26000	-31.89	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-69.96	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-61.52	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-57.97	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~3000	-48.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	3000~18000	-38.42	PASS
Band7	15MHz	QPSK	21375	75RB#0	18000~26000	-32.04	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-69.27	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-60.86	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-57.81	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~3000	-48.22	PASS
Band7	15MHz	16QAM	21375	75RB#0	3000~18000	-38.55	PASS
Band7	15MHz	16QAM	21375	75RB#0	18000~26000	-32.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-70.55	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-60.69	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-58.38	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~3000	-48.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	3000~18000	-38.51	PASS
Band7	20MHz	QPSK	20850	100RB#0	18000~26000	-32.01	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-71.20	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-61.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-58.32	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~3000	-48.09	PASS
Band7	20MHz	16QAM	20850	100RB#0	3000~18000	-38.43	PASS
Band7	20MHz	16QAM	20850	100RB#0	18000~26000	-31.83	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-68.77	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-59.64	PASS

Band7	20MHz	QPSK	21100	100RB#0	30~1000	-58.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~3000	-48.08	PASS
Band7	20MHz	QPSK	21100	100RB#0	3000~18000	-38.23	PASS
Band7	20MHz	QPSK	21100	100RB#0	18000~26000	-32.22	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-70.33	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-62.39	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-58.25	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~3000	-48.08	PASS
Band7	20MHz	16QAM	21100	100RB#0	3000~18000	-37.85	PASS
Band7	20MHz	16QAM	21100	100RB#0	18000~26000	-31.79	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-70.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-60.55	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-58.34	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~3000	-48.05	PASS
Band7	20MHz	QPSK	21350	100RB#0	3000~18000	-38.14	PASS
Band7	20MHz	QPSK	21350	100RB#0	18000~26000	-31.93	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-70.19	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-59.65	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-58.08	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~3000	-47.86	PASS
Band7	20MHz	16QAM	21350	100RB#0	3000~18000	-38.58	PASS
Band7	20MHz	16QAM	21350	100RB#0	18000~26000	-32.01	PASS

Test Graphs

