

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

Reviewed By : Eric Wang

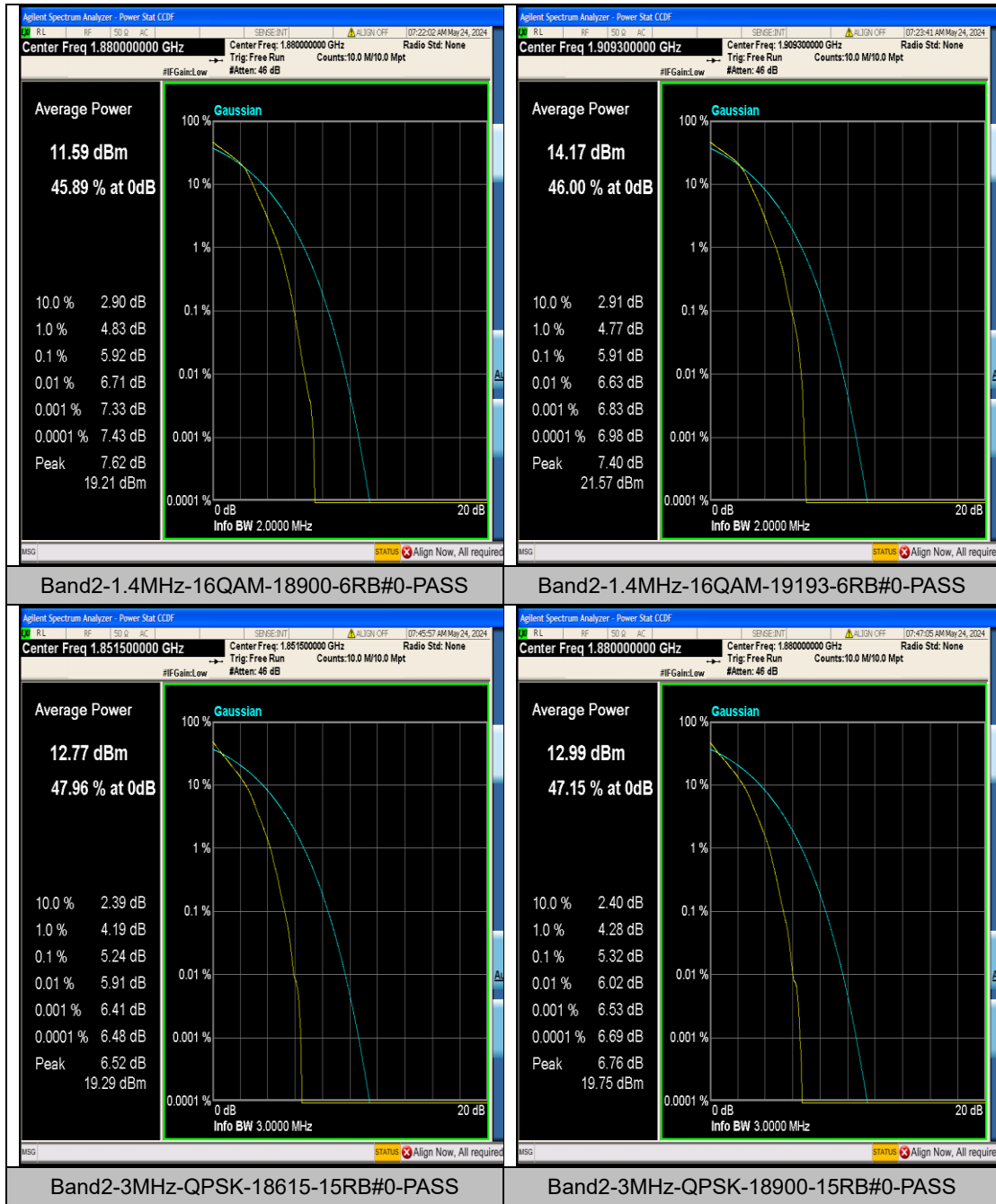
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

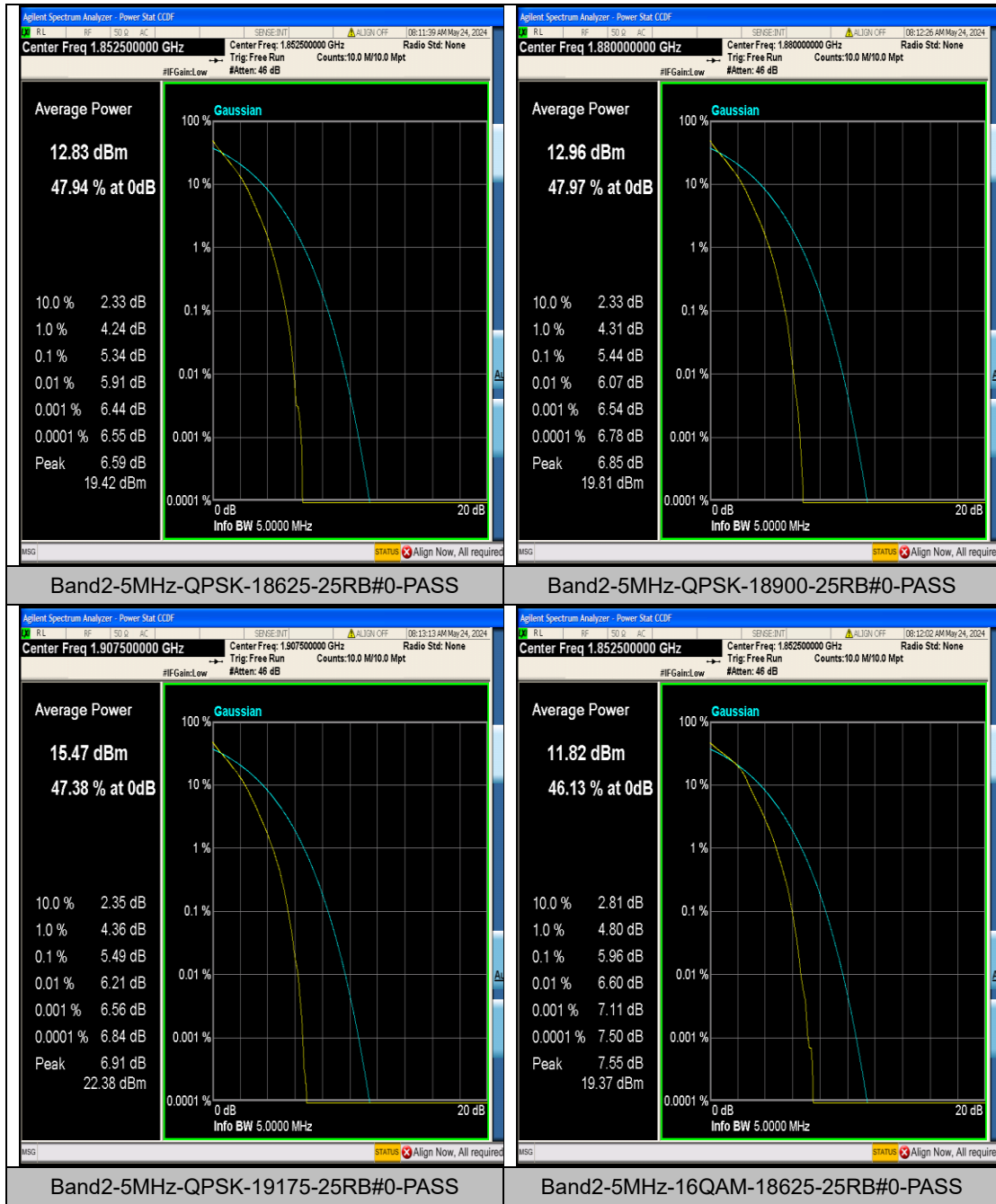
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.09	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.16	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.13	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.88	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.92	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.91	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.24	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.32	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.32	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.93	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.07	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.00	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.34	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.44	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.49	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.96	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.06	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.16	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.31	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.37	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.58	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.99	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.10	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.26	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.60	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.70	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.86	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.12	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.21	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.36	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.41	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.47	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.56	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.13	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.15	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.28	13	PASS

Test Graphs



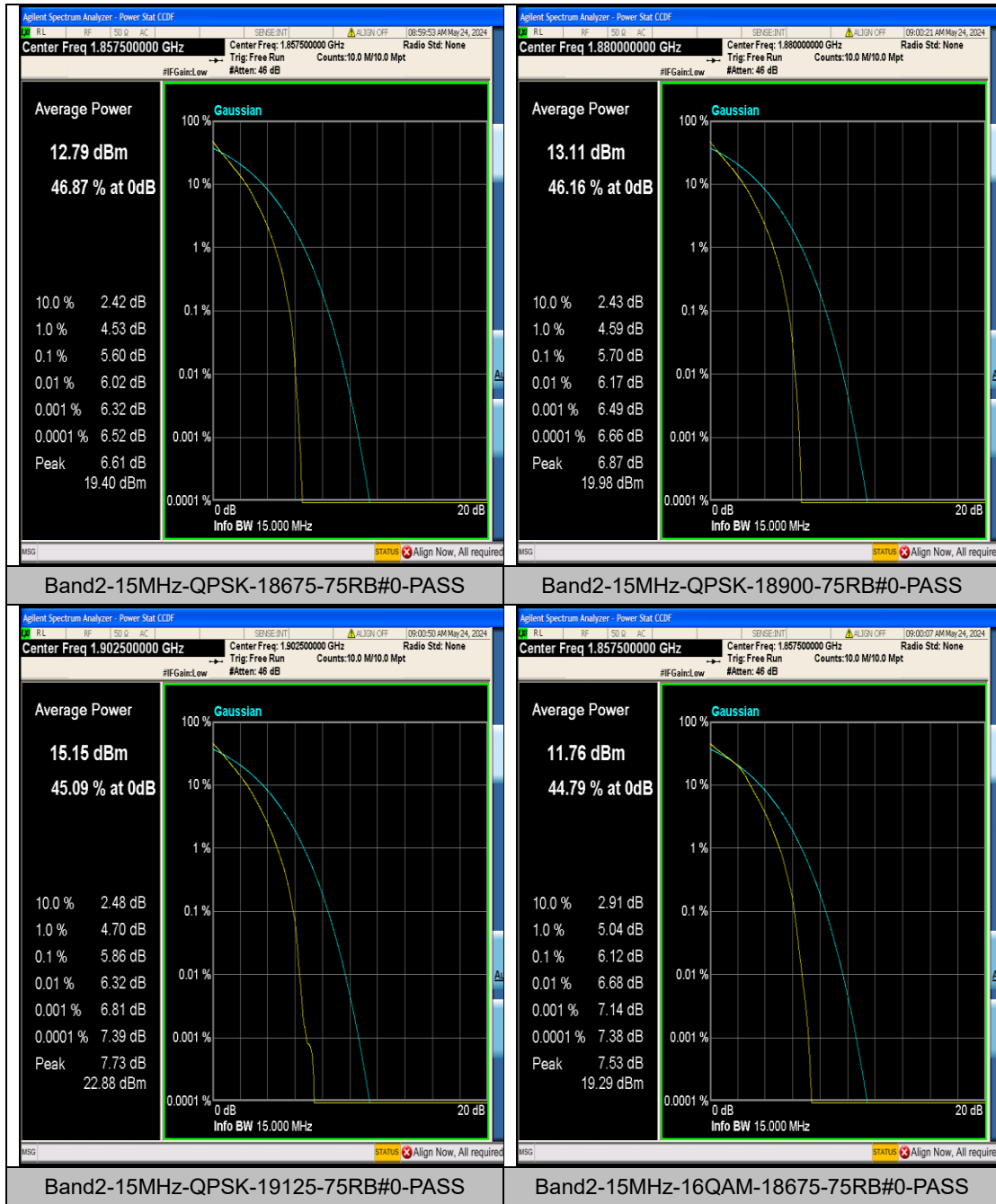
















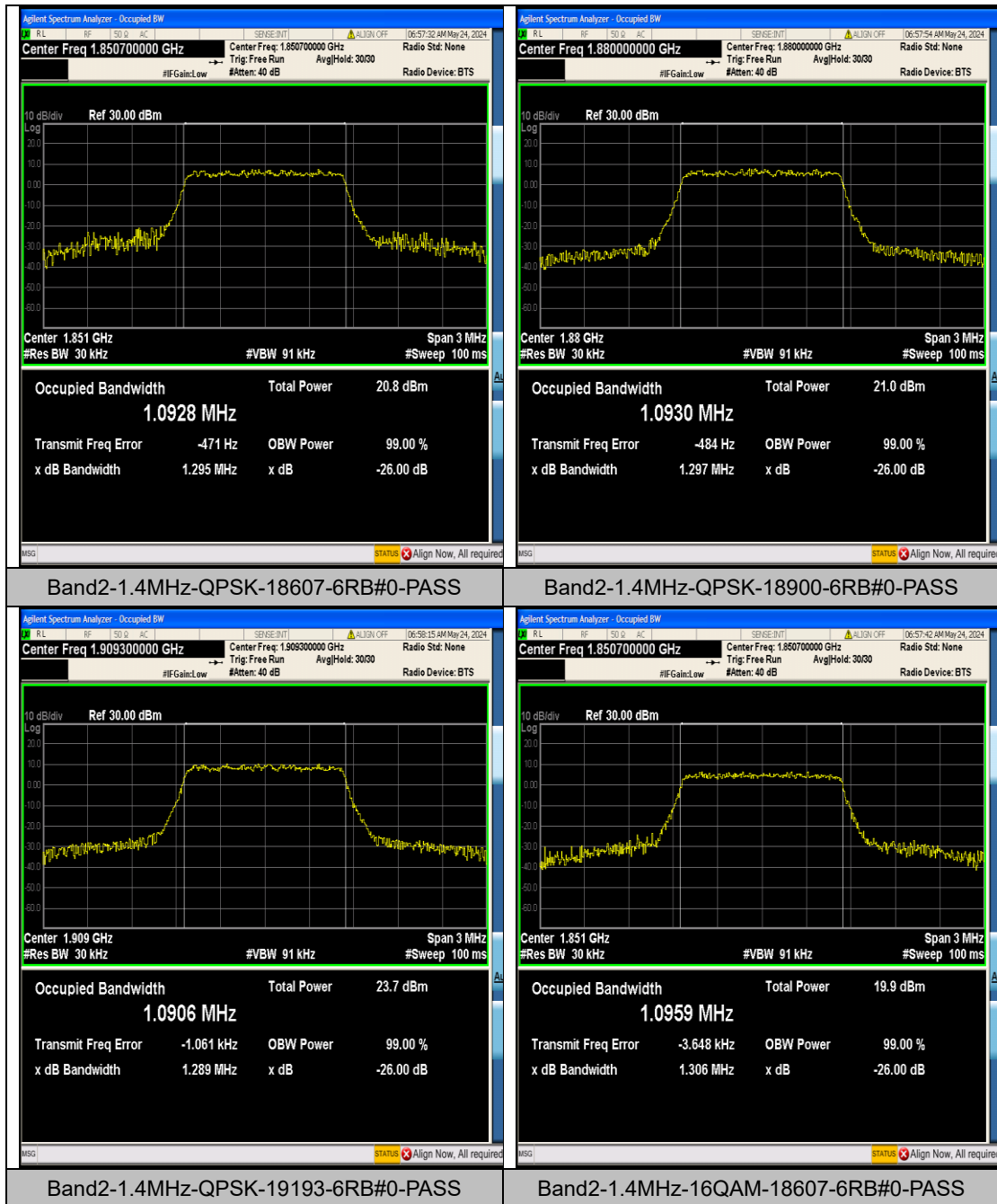
Appendix C: 26dB Bandwidth and Occupied Bandwidth

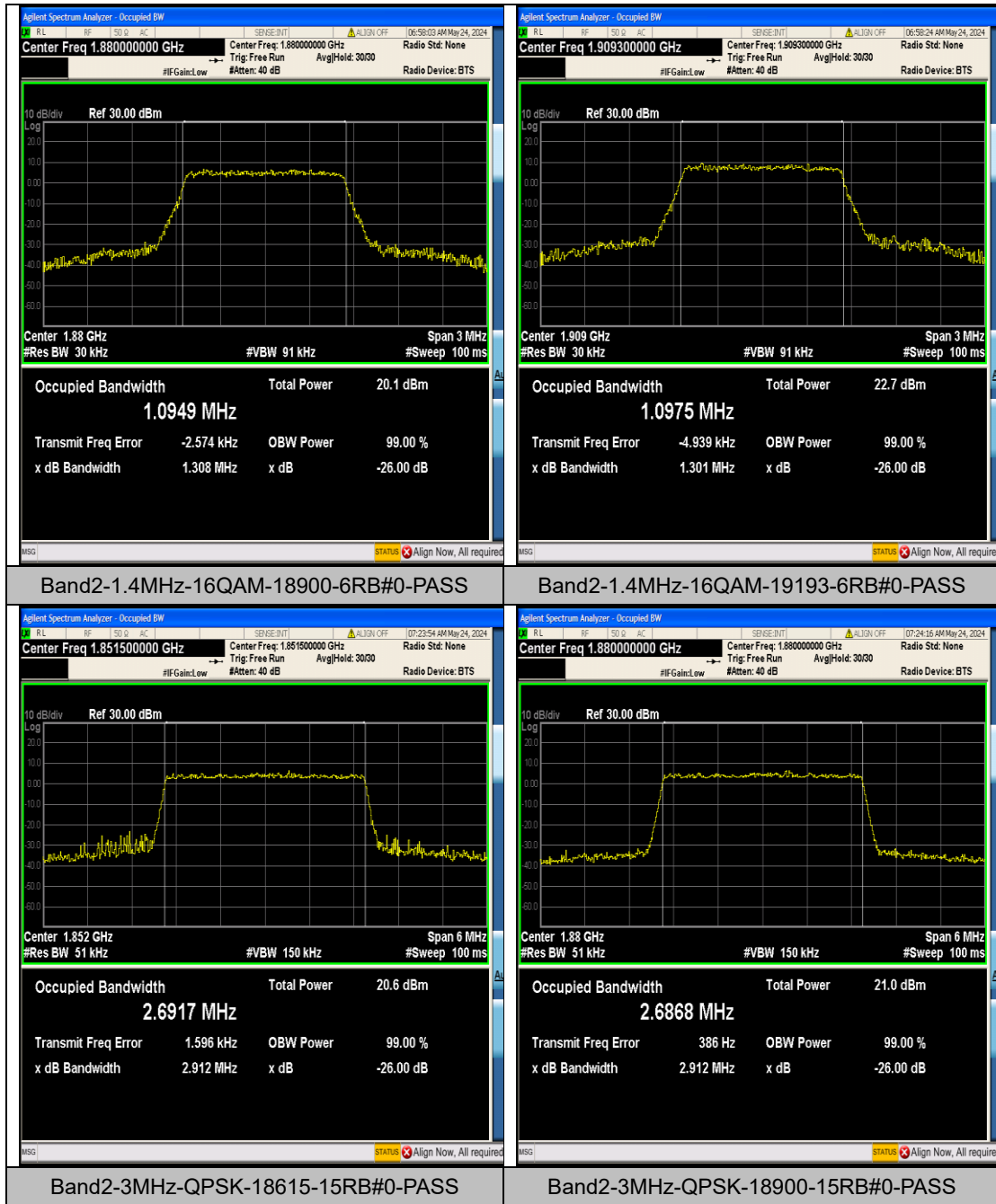
Test Result

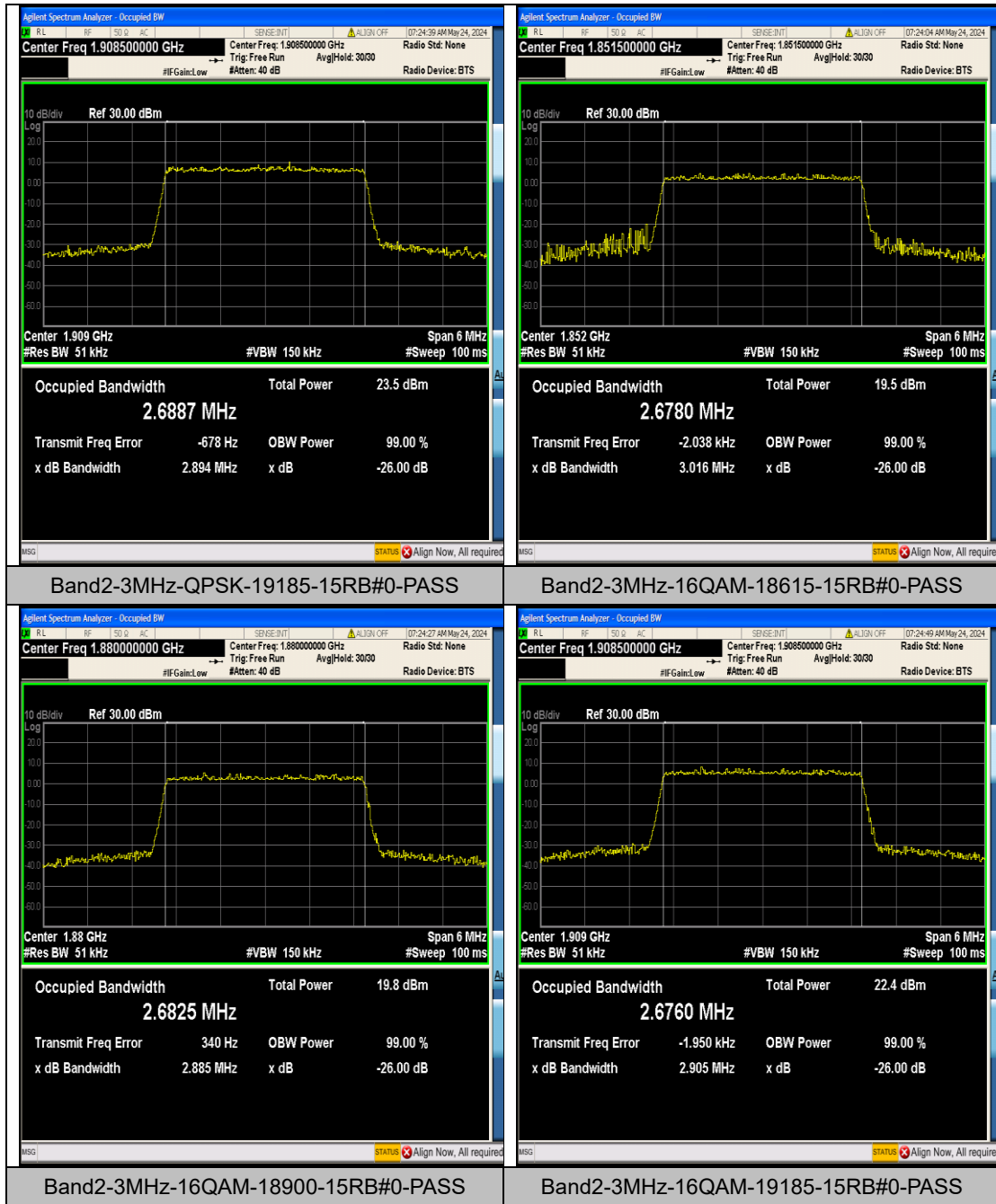
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0928	1.295	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0930	1.297	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0906	1.289	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0959	1.306	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0949	1.308	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0975	1.301	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6917	2.912	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6868	2.912	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6887	2.894	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6780	3.016	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6825	2.885	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6760	2.905	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5291	5.188	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5176	5.196	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5214	5.210	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5214	5.178	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5153	5.135	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5187	5.131	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0212	10.15	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0058	10.18	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0091	10.12	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0047	10.05	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0073	10.03	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0037	10.04	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.525	15.07	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.522	15.49	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.532	15.46	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.505	15.07	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.504	15.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.508	15.05	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.974	19.72	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.995	20.19	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.003	19.73	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.966	19.67	PASS

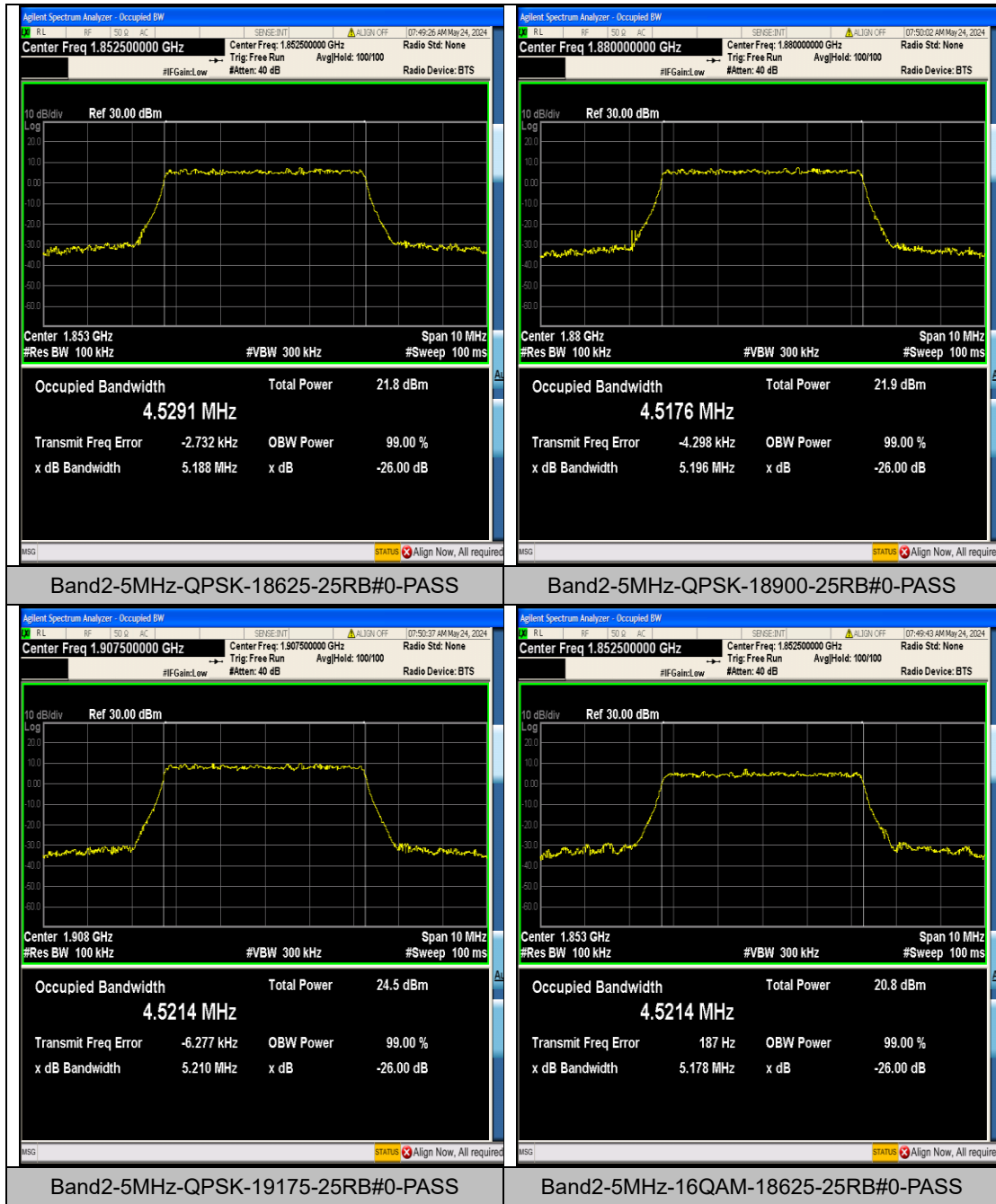
Band2	20MHz	16QAM	18900	100RB#0	17.980	19.87	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.976	19.84	PASS

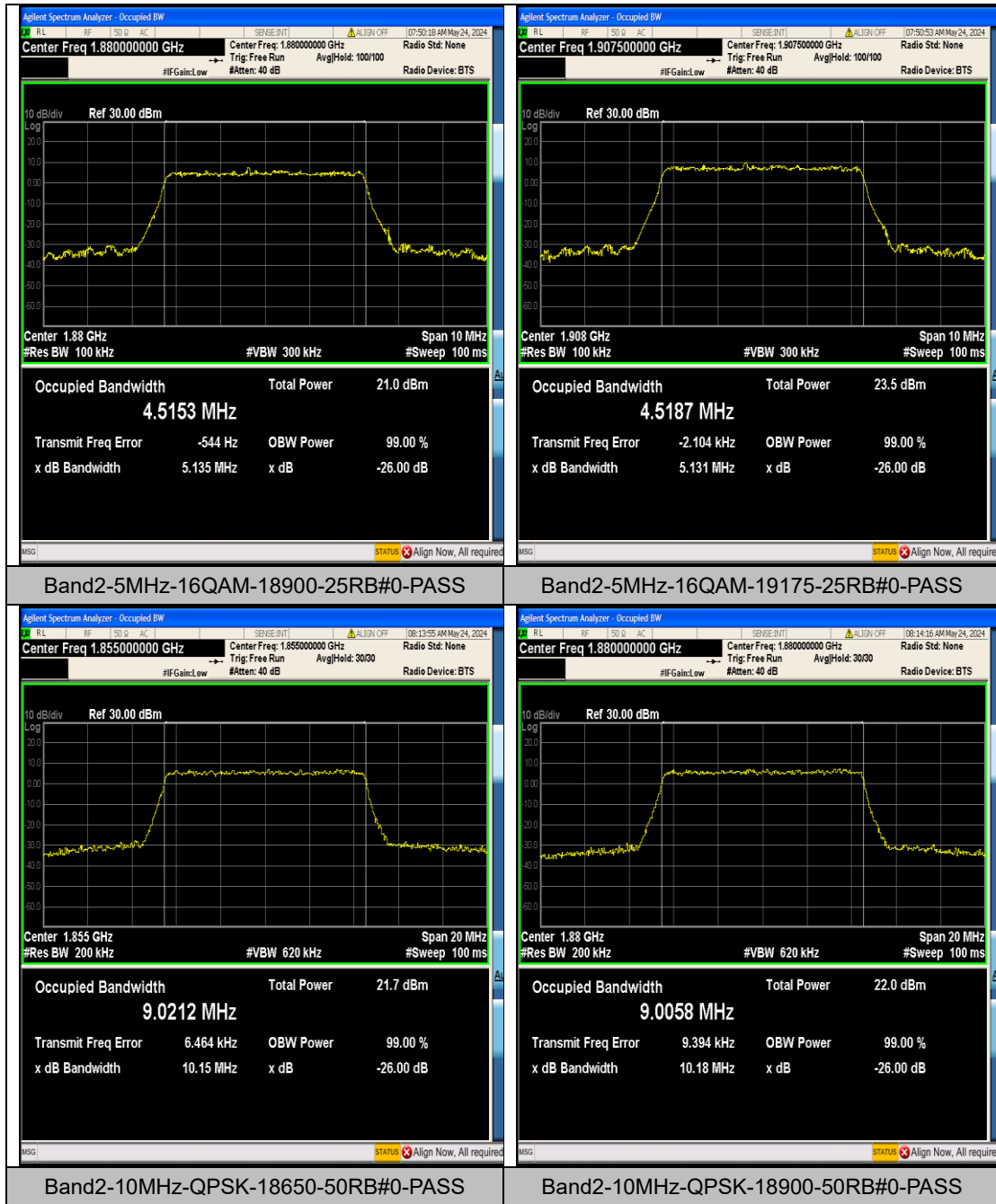
Test Graphs

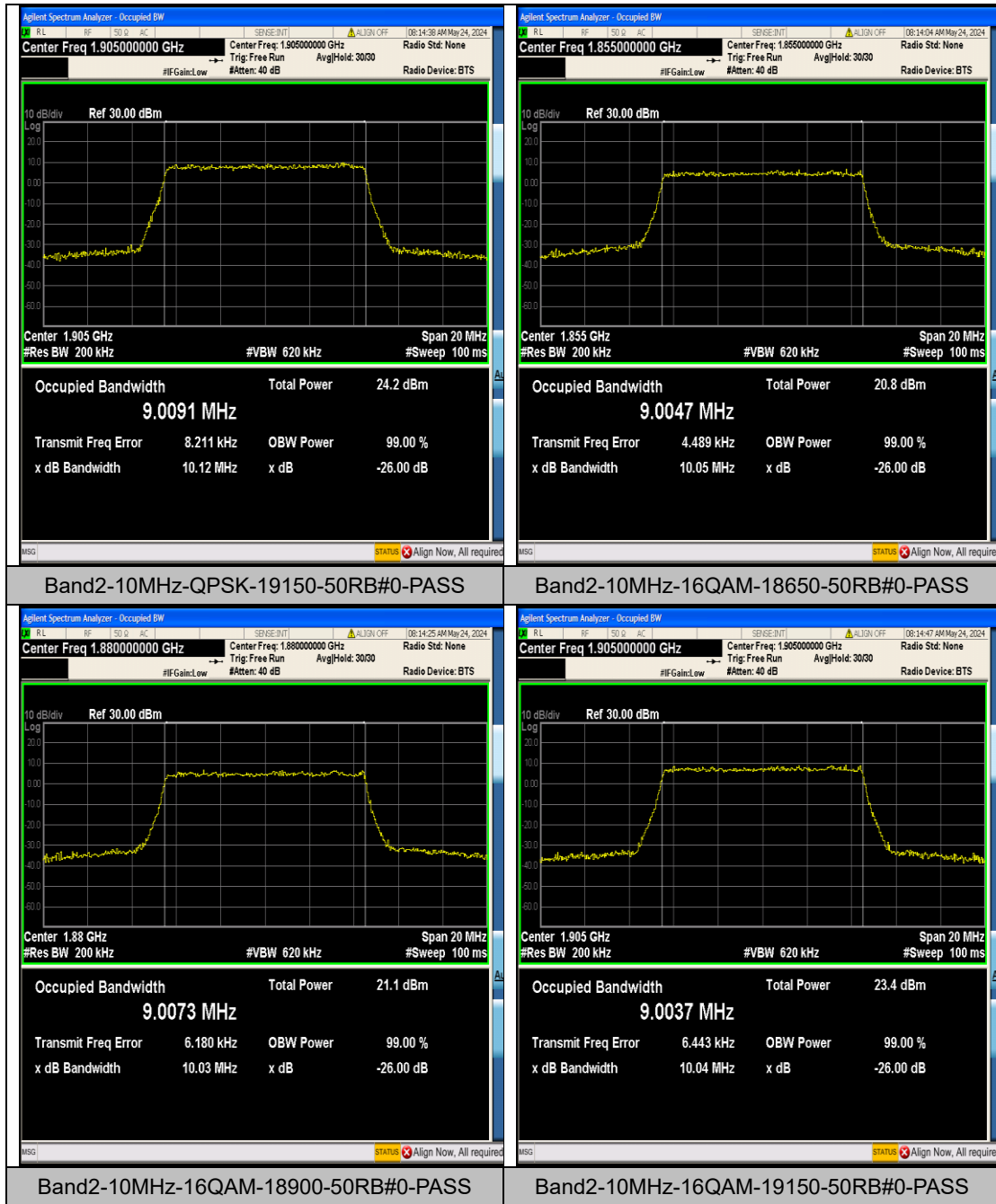


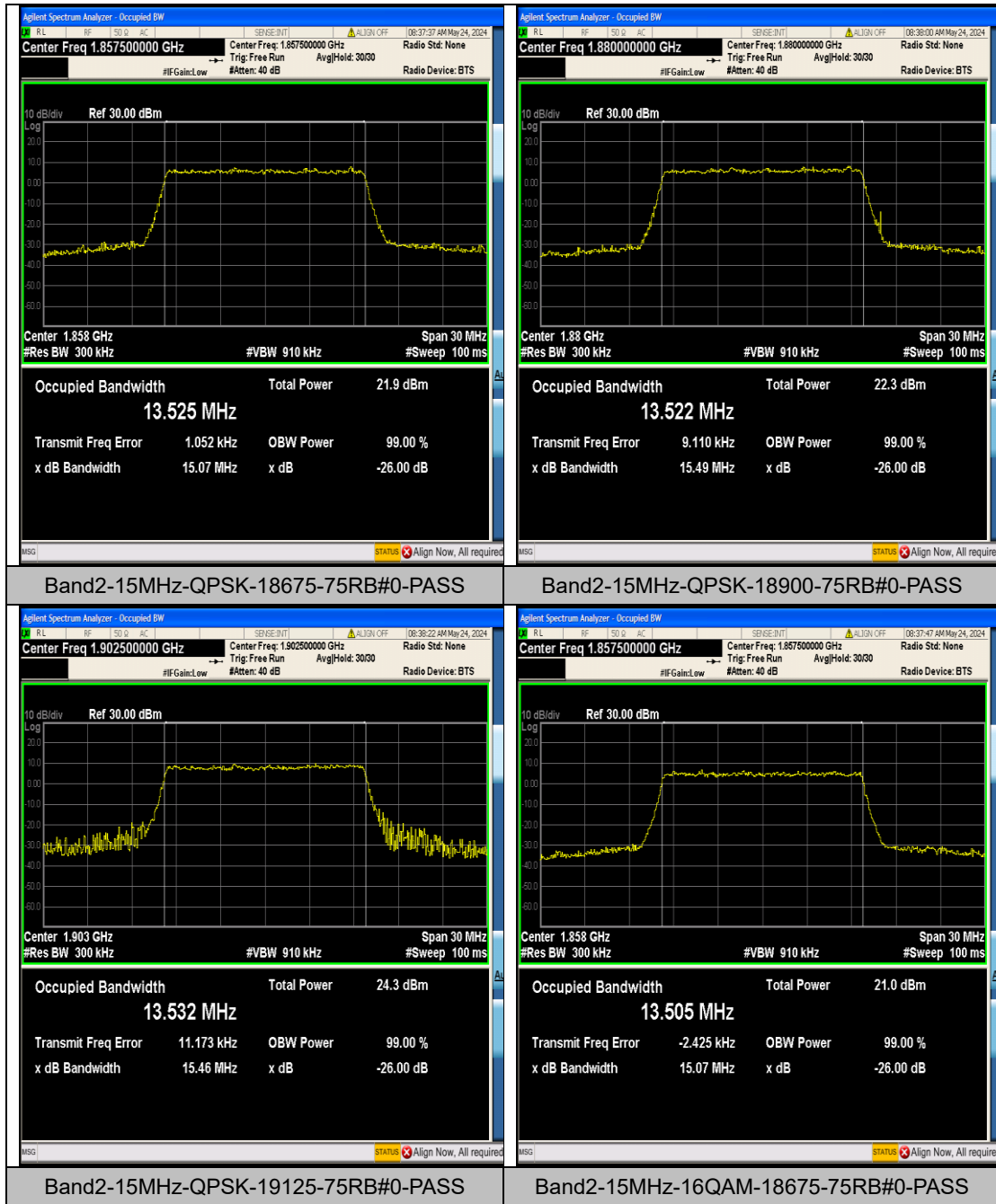


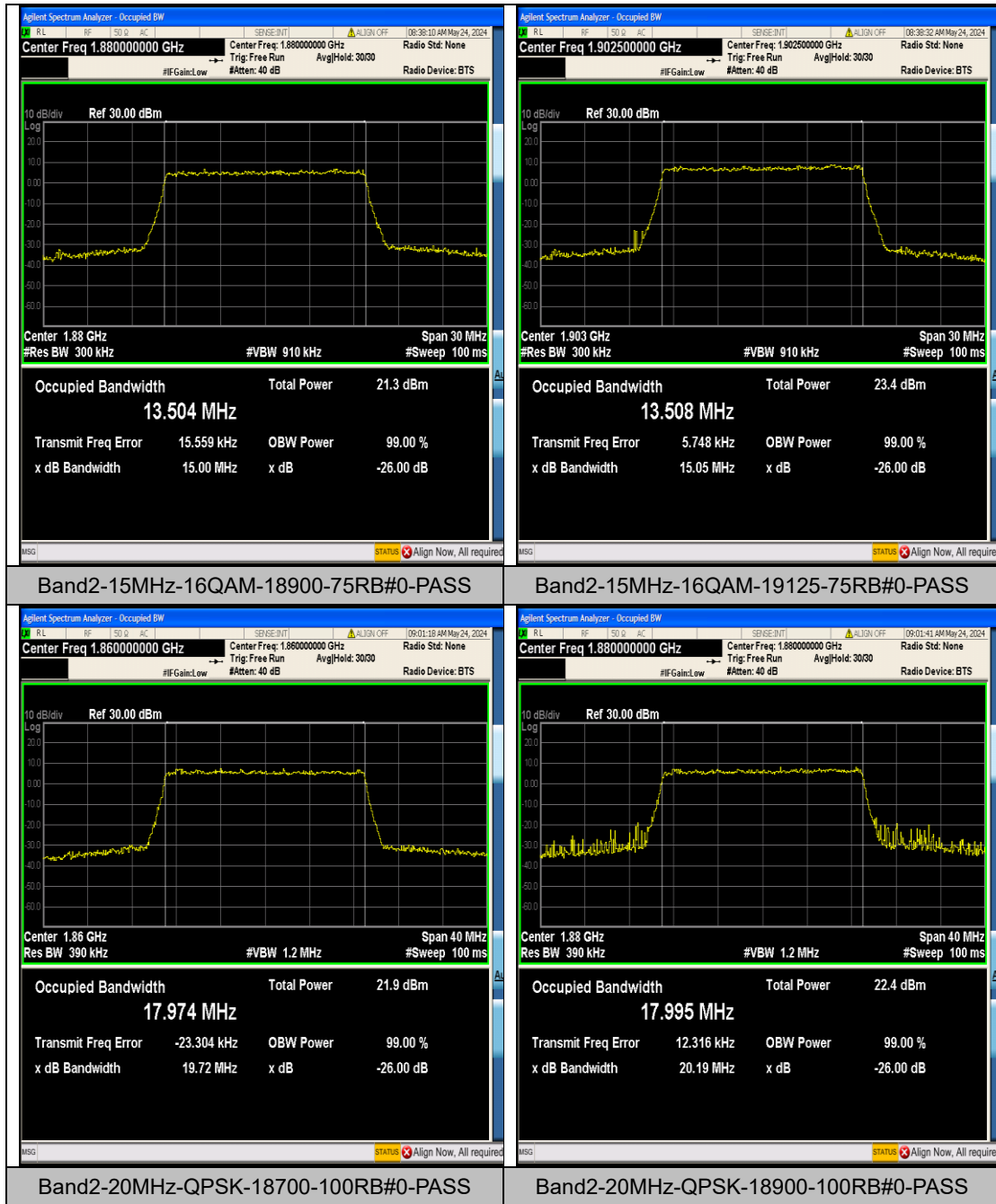


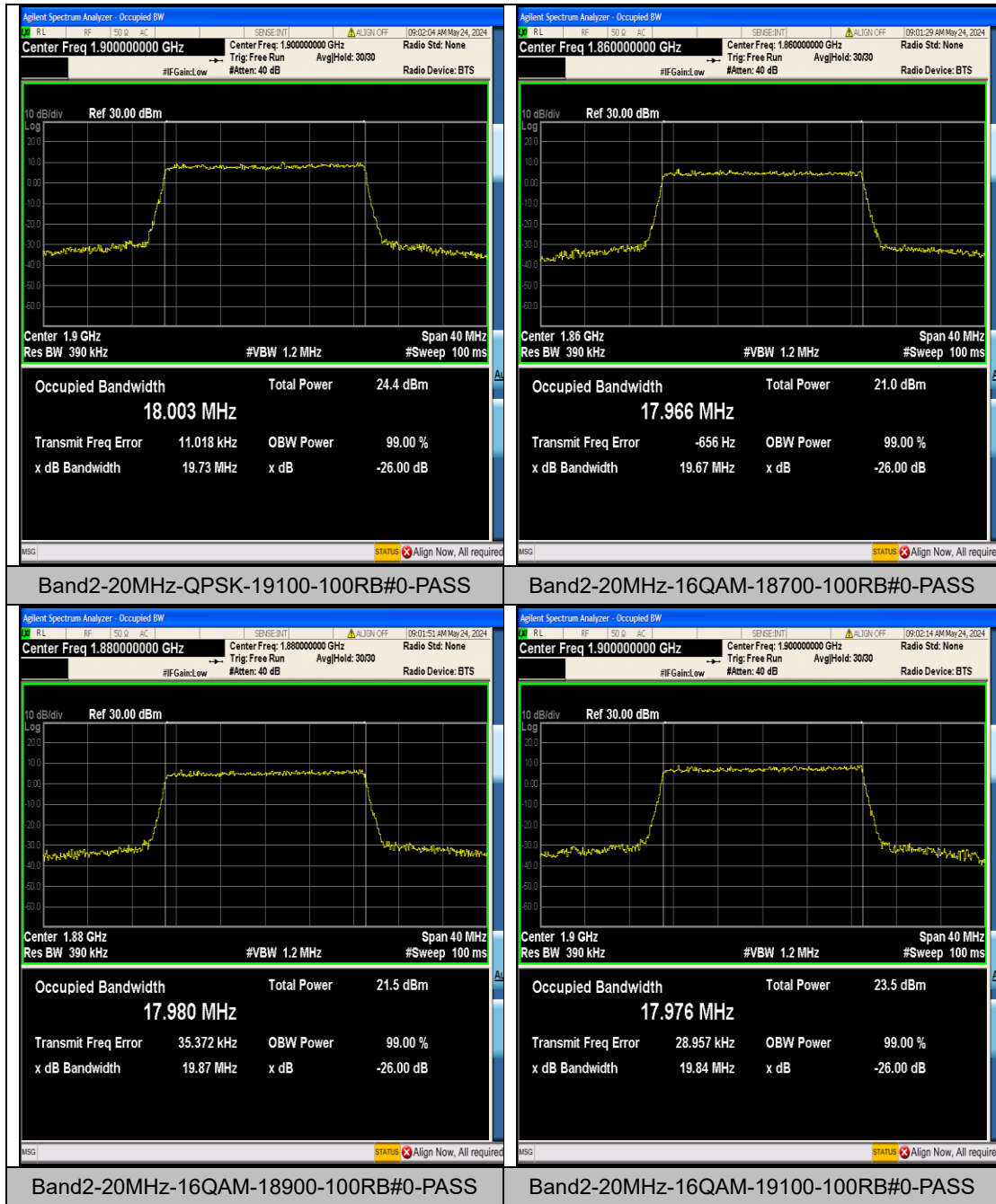










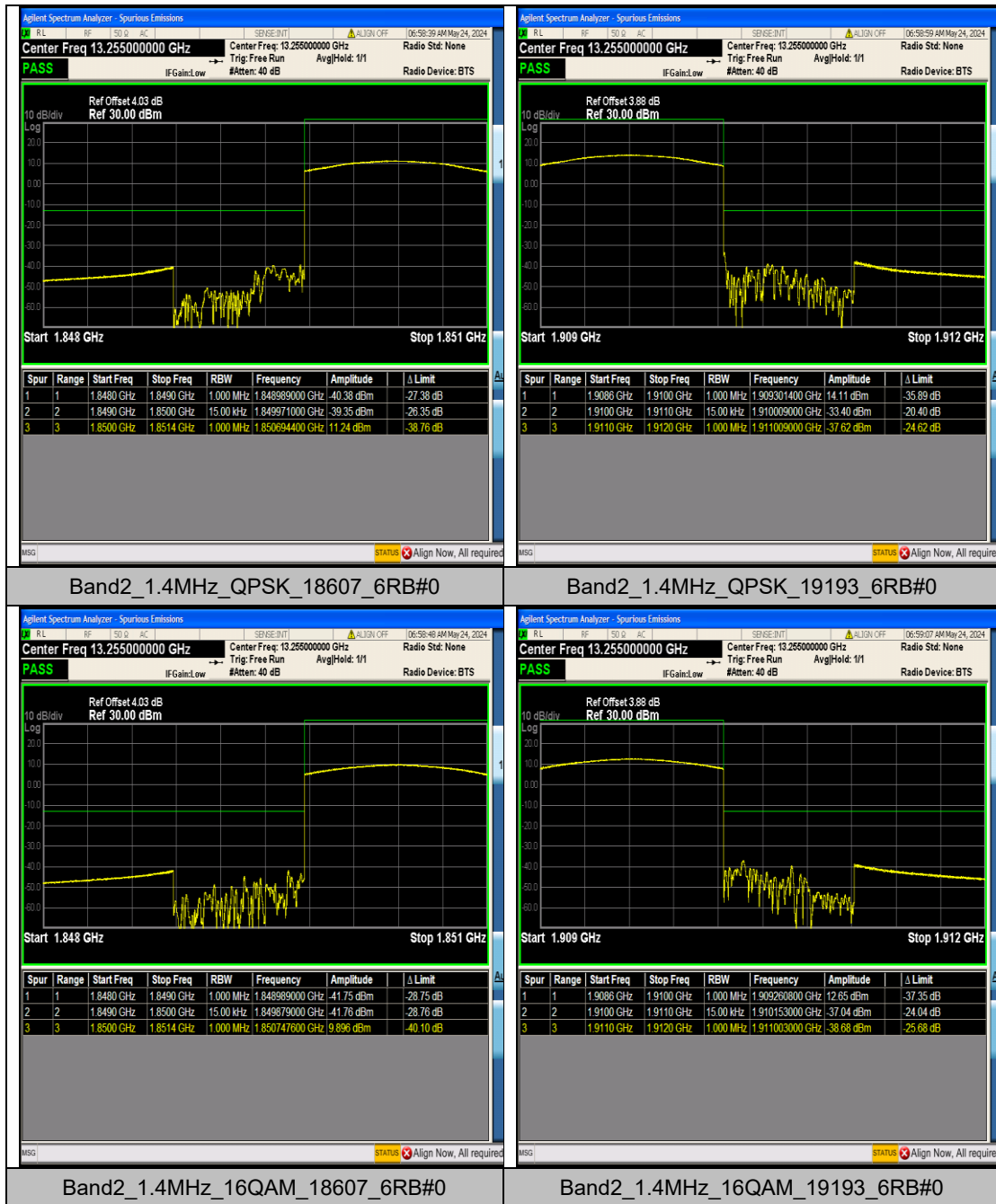


Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-39.35	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-33.40	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-41.75	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-37.04	PASS
Band2	3MHz	QPSK	18615	15RB#0	-35.98	PASS
Band2	3MHz	QPSK	19185	15RB#0	-34.80	PASS
Band2	3MHz	16QAM	18615	15RB#0	-37.30	PASS
Band2	3MHz	16QAM	19185	15RB#0	-35.85	PASS
Band2	5MHz	QPSK	18625	25RB#0	-36.30	PASS
Band2	5MHz	QPSK	19175	25RB#0	-36.72	PASS
Band2	5MHz	16QAM	18625	25RB#0	-37.94	PASS
Band2	5MHz	16QAM	19175	25RB#0	-37.50	PASS
Band2	10MHz	QPSK	18650	50RB#0	-37.58	PASS
Band2	10MHz	QPSK	19150	50RB#0	-39.78	PASS
Band2	10MHz	16QAM	18650	50RB#0	-39.39	PASS
Band2	10MHz	16QAM	19150	50RB#0	-40.15	PASS
Band2	15MHz	QPSK	18675	75RB#0	-37.67	PASS
Band2	15MHz	QPSK	19125	75RB#0	-40.03	PASS
Band2	15MHz	16QAM	18675	75RB#0	-39.97	PASS
Band2	15MHz	16QAM	19125	75RB#0	-40.87	PASS
Band2	20MHz	QPSK	18700	100RB#0	-41.46	PASS
Band2	20MHz	QPSK	19100	100RB#0	-41.16	PASS
Band2	20MHz	16QAM	18700	100RB#0	-42.95	PASS
Band2	20MHz	16QAM	19100	100RB#0	-41.89	PASS

Test Graphs





Band2_3MHz_QPSK_18615_15RB#0

Band2_3MHz_QPSK_19185_15RB#0



Band2_3MHz_16QAM_18615_15RB#0

Band2_3MHz_16QAM_19185_15RB#0