

FCC LTE Band Test Data

FCC ID : 2BM9D-S25ULTRA

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : S25 Ultra

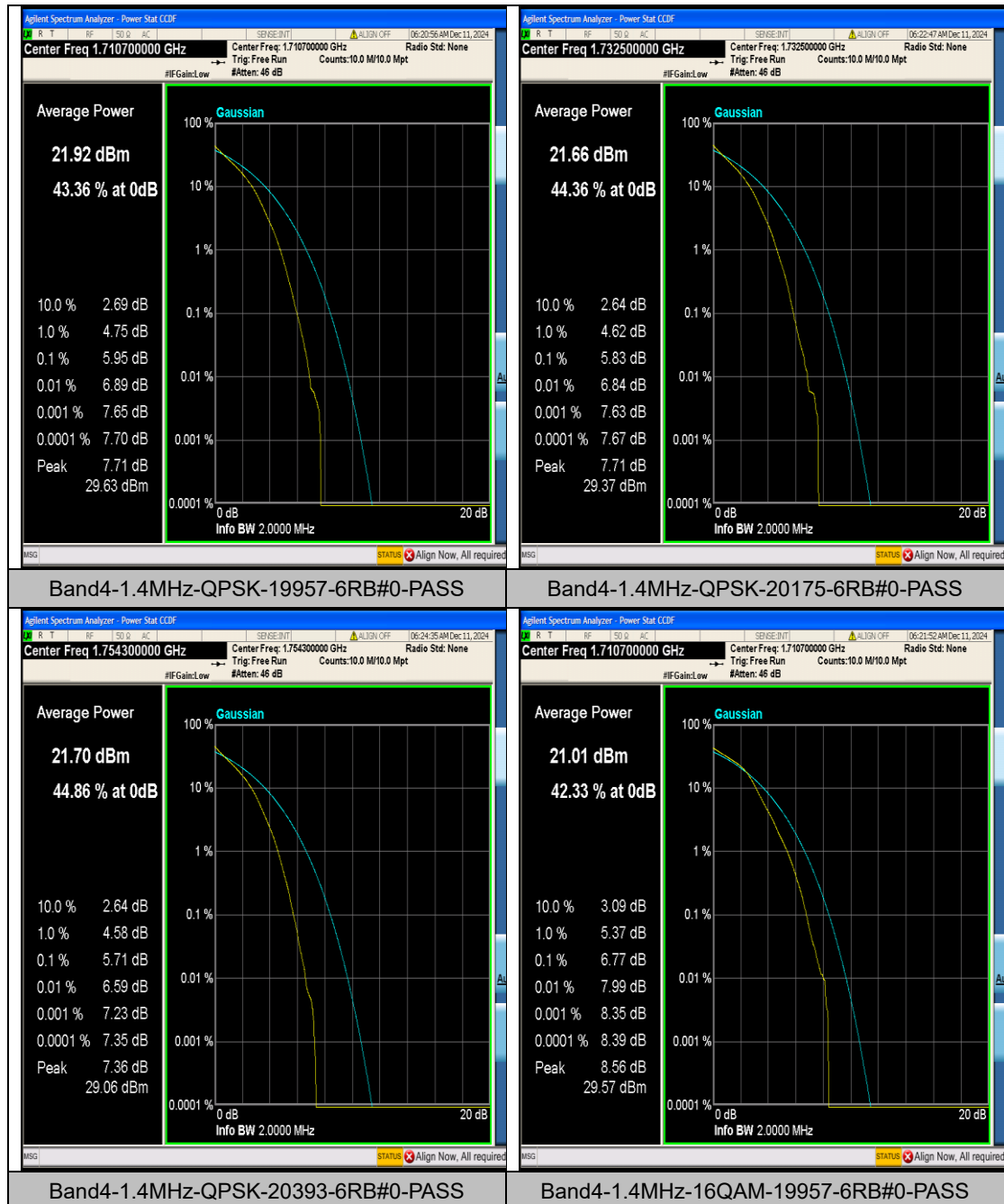
Reviewed By : Eric Wang

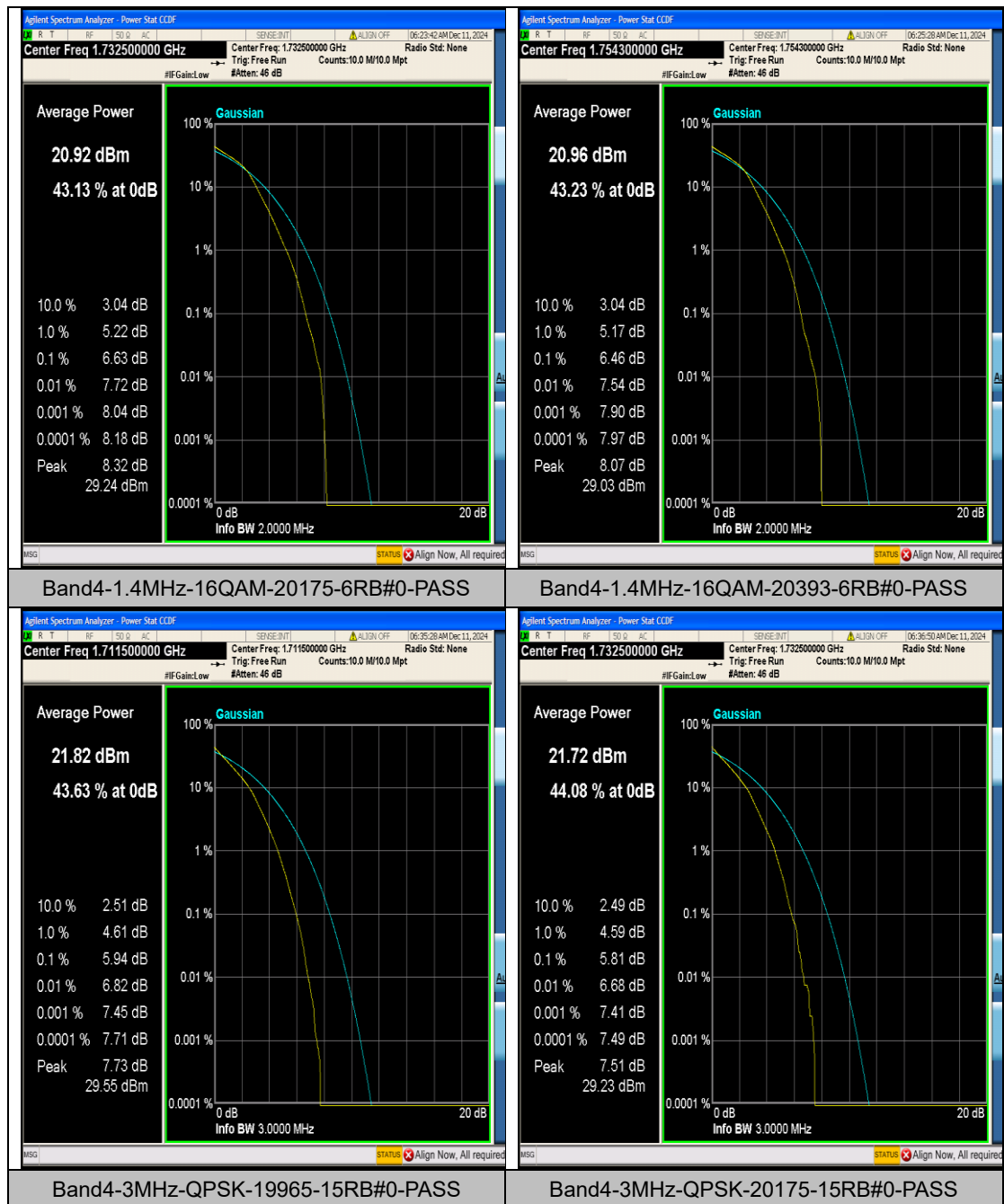
Appendix B: Peak-to-Average Ratio(CCDF)

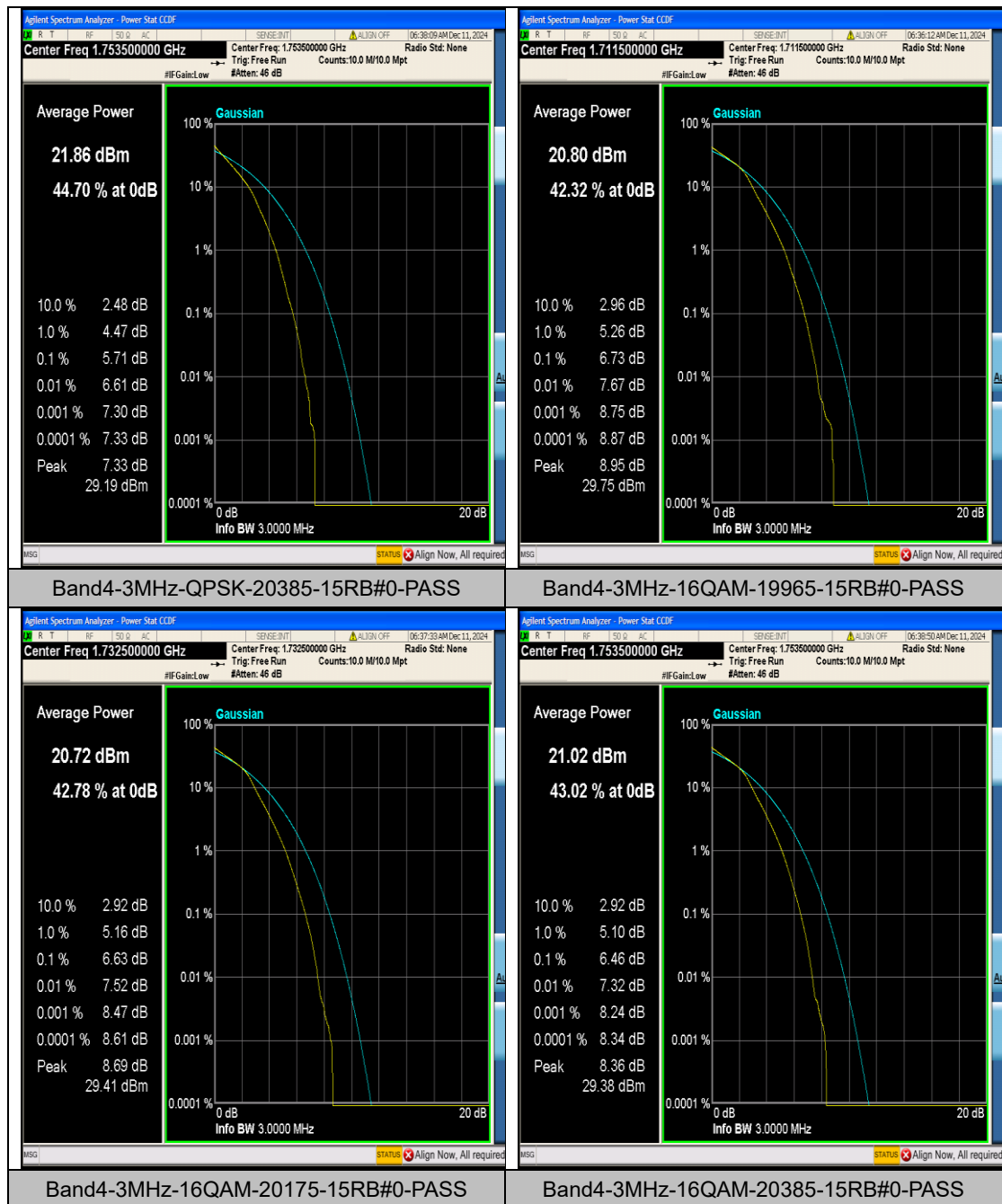
Test Result

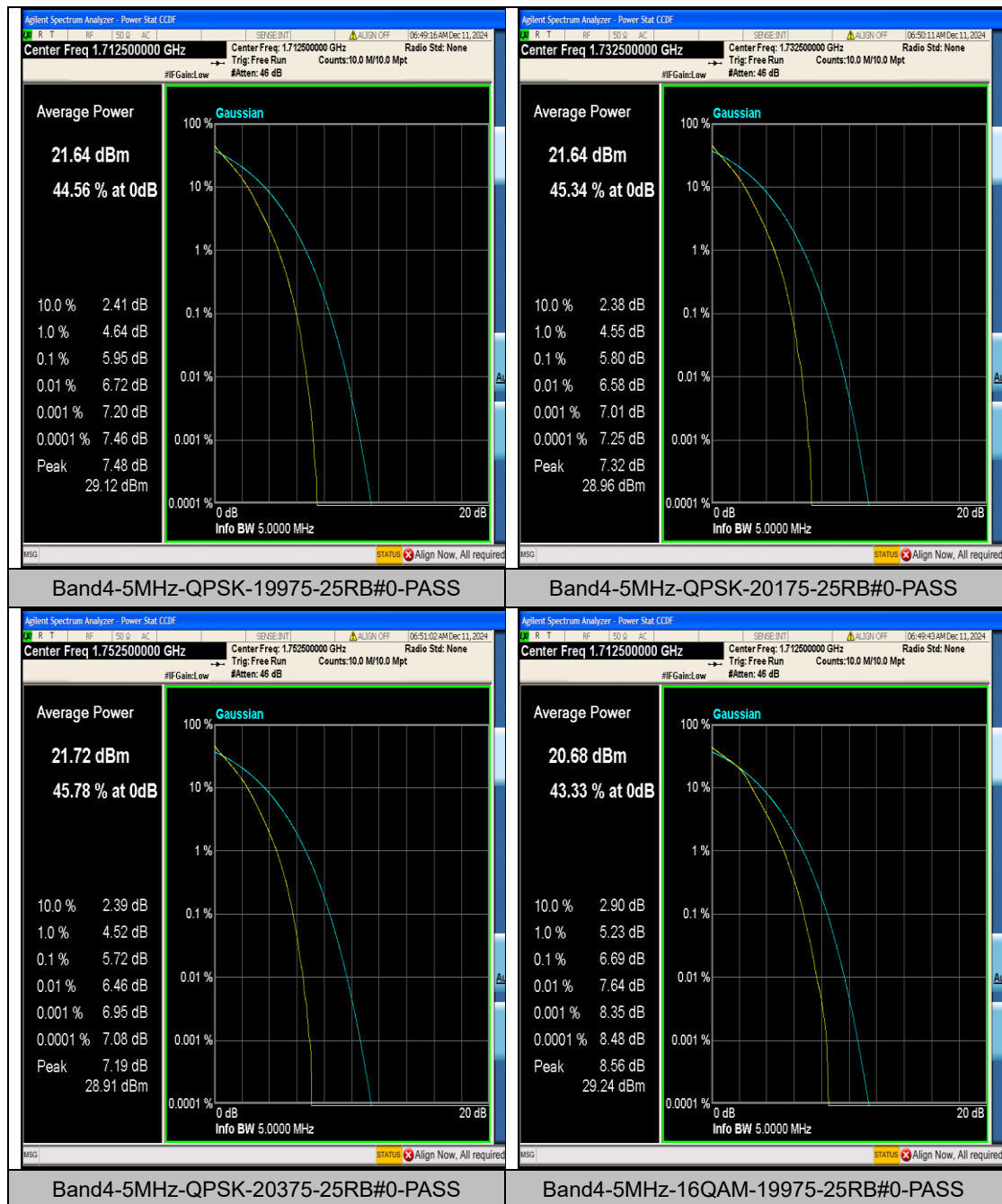
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.95	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.83	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.71	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.77	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.63	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.46	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.94	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.81	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.71	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.73	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.63	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.46	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.95	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.72	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.69	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.51	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.40	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.97	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.83	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.70	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.71	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.55	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.47	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.27	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.13	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.03	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.74	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.62	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.48	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.98	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.83	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.81	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.74	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.61	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.47	13	PASS

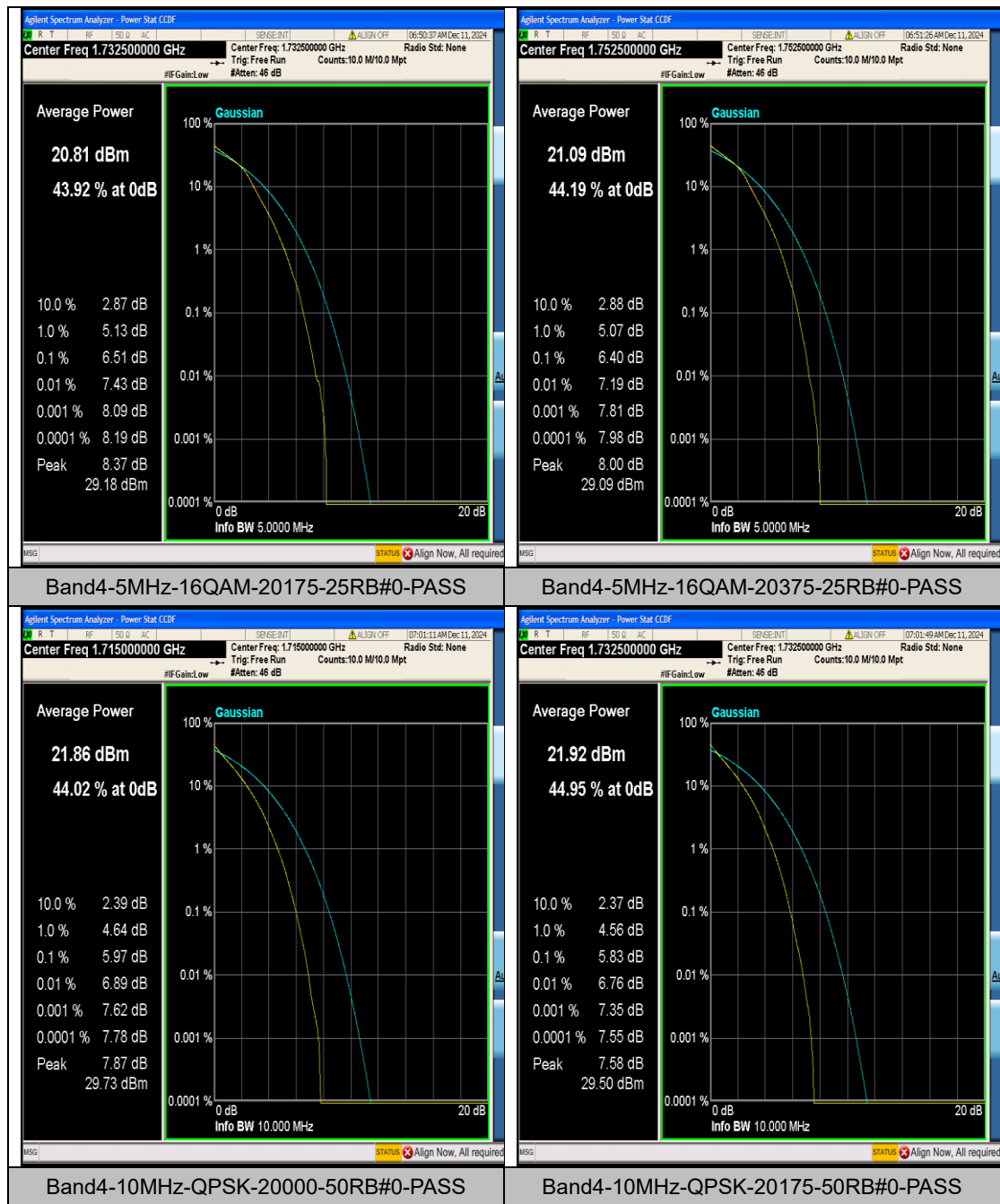
Test Graphs

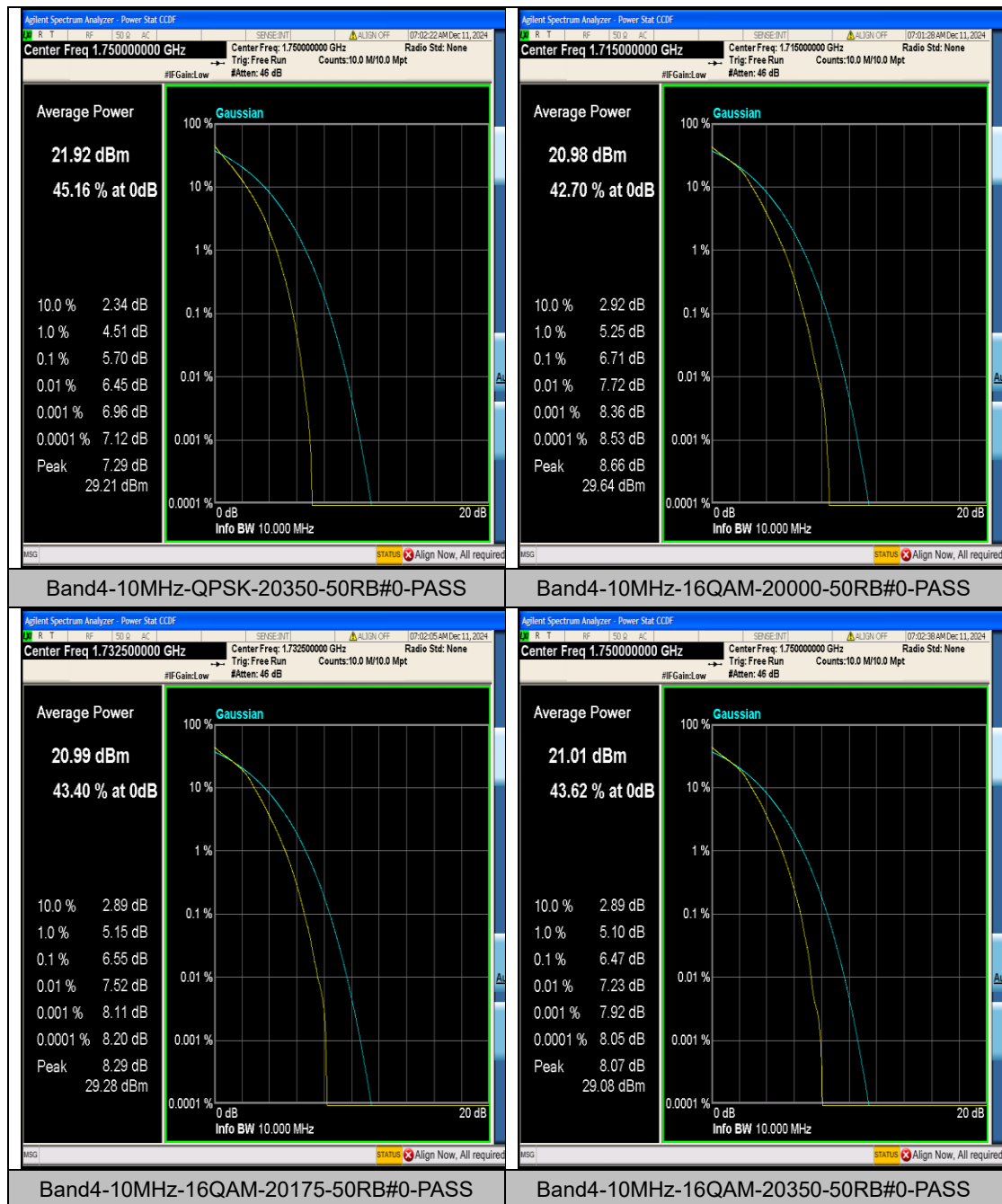


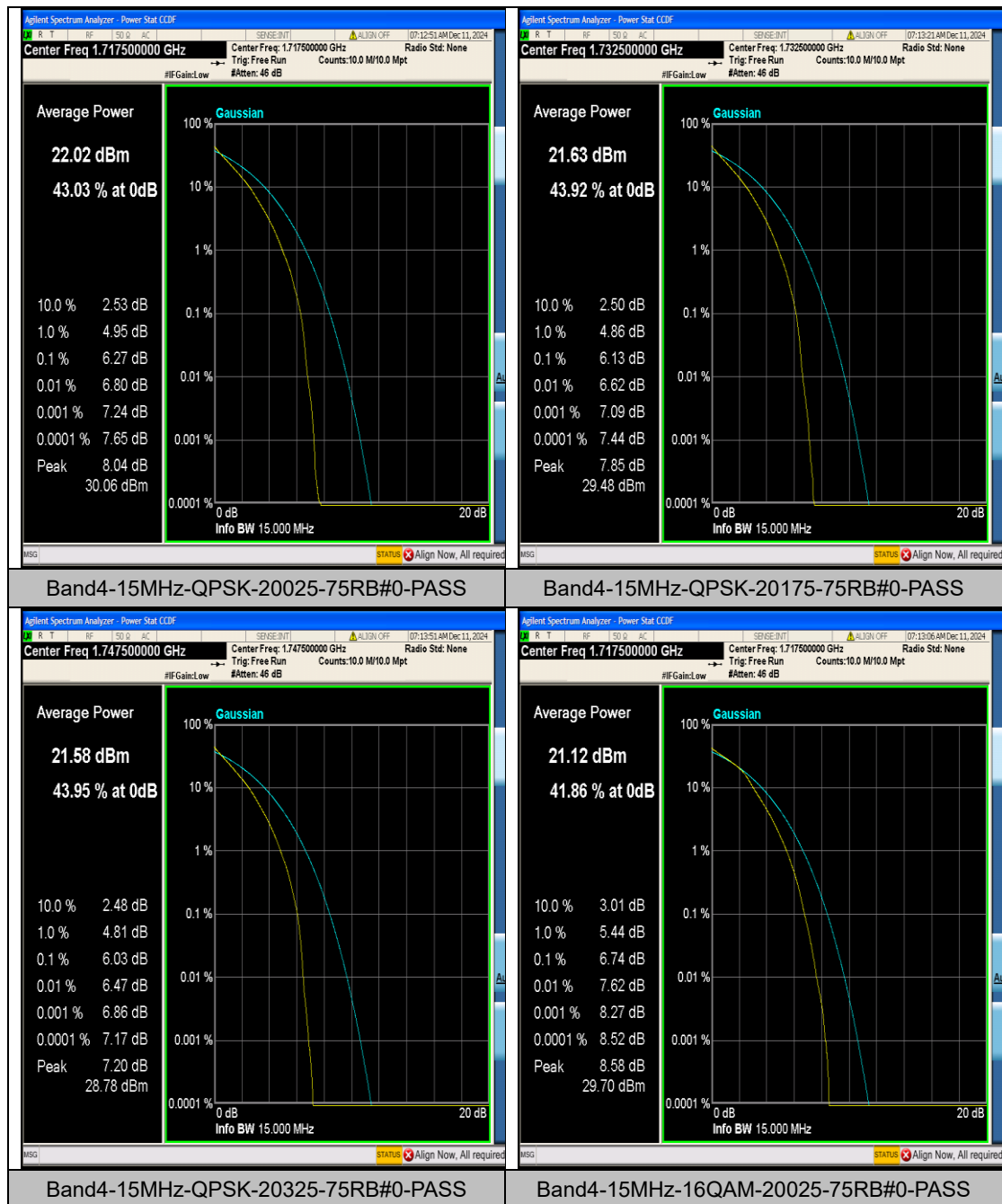


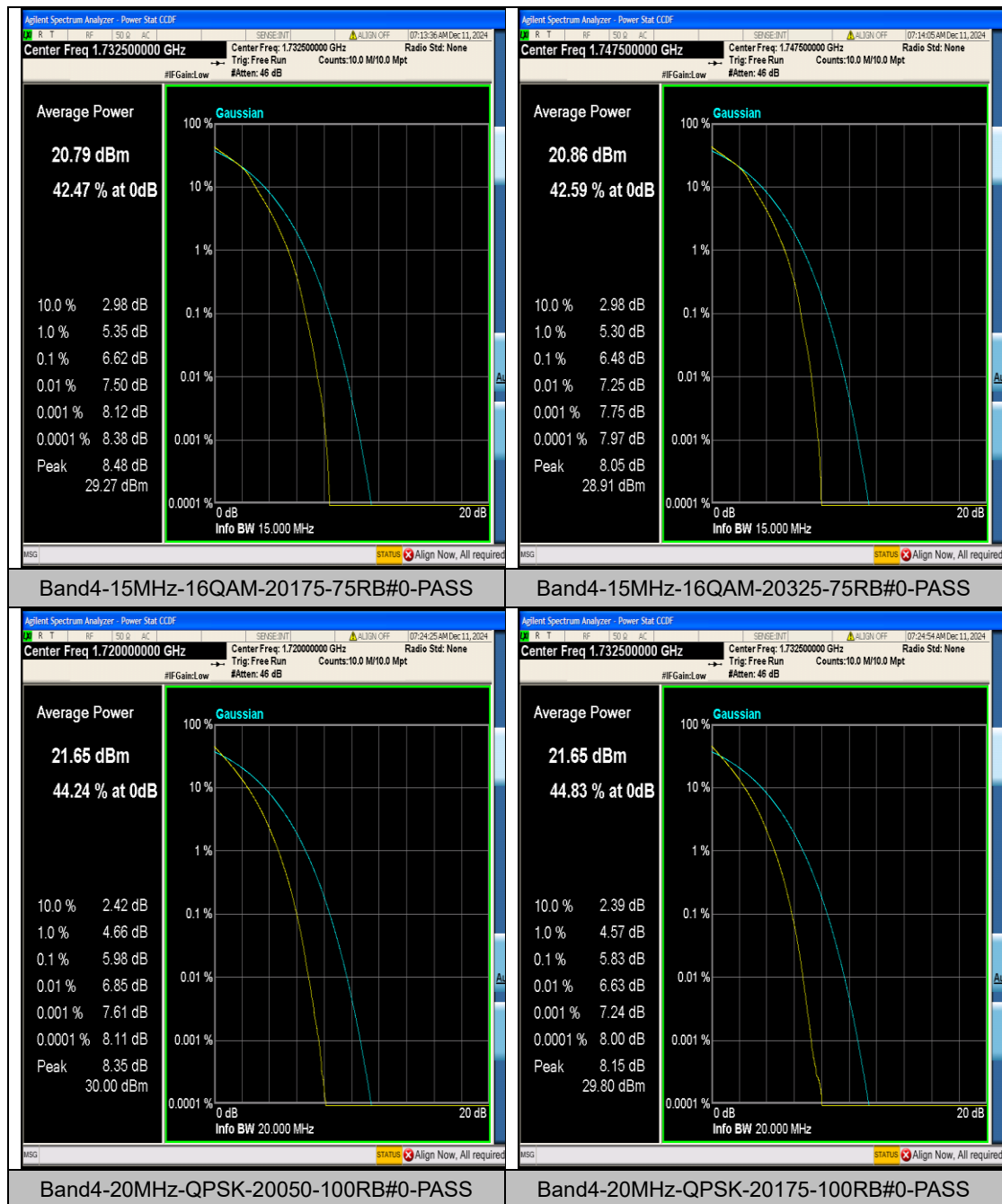


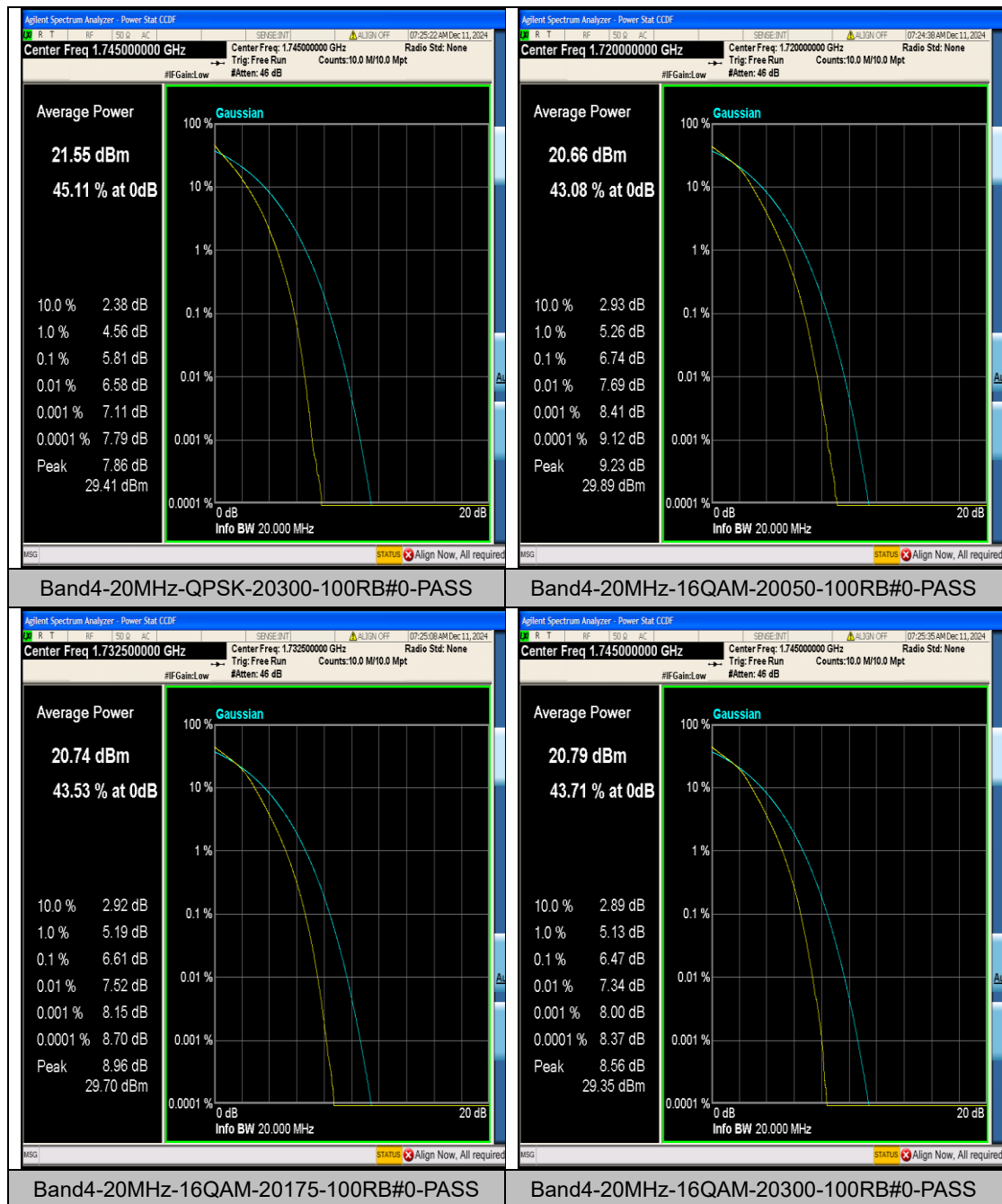












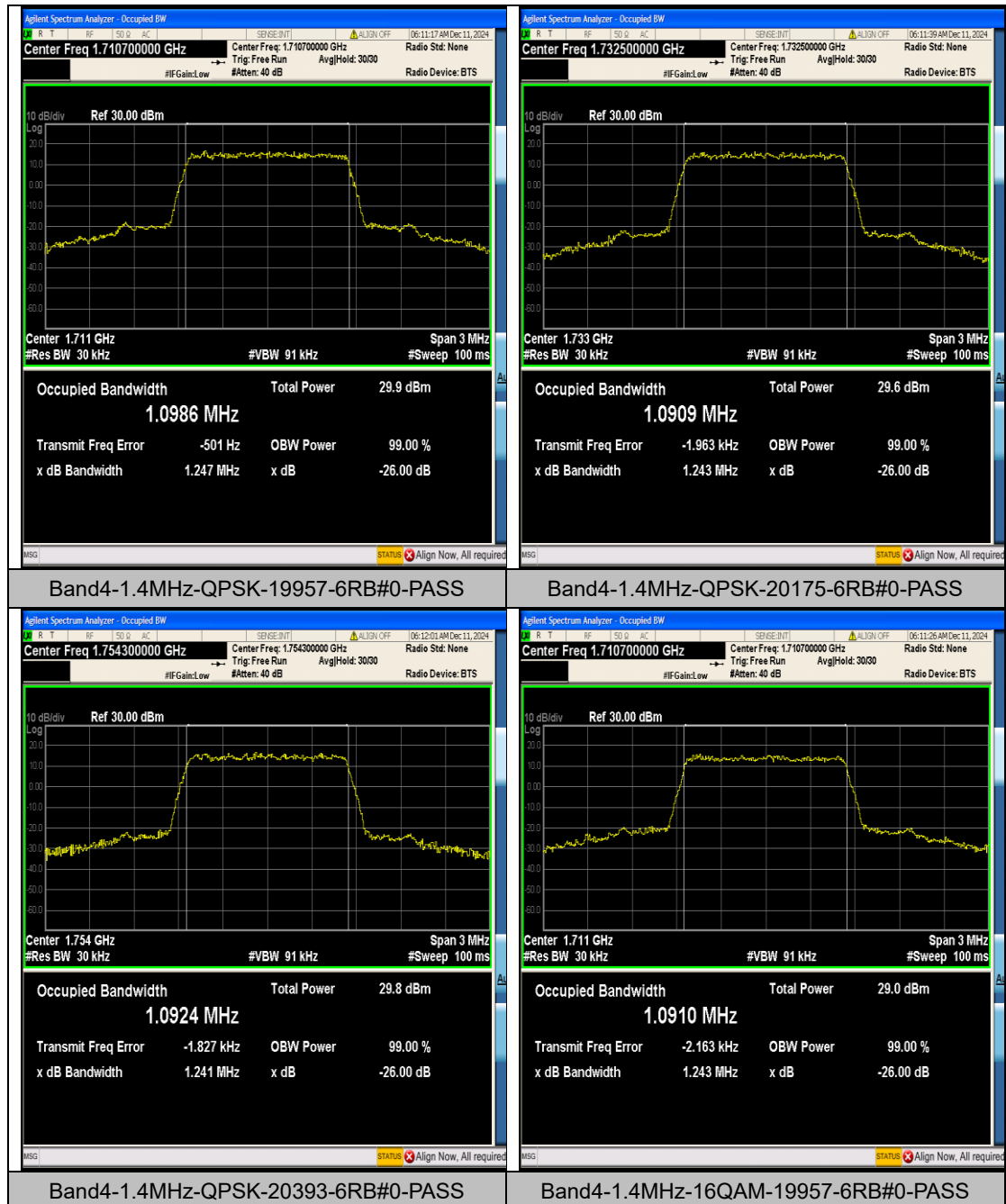
Appendix C: 26dB Bandwidth and Occupied Bandwidth

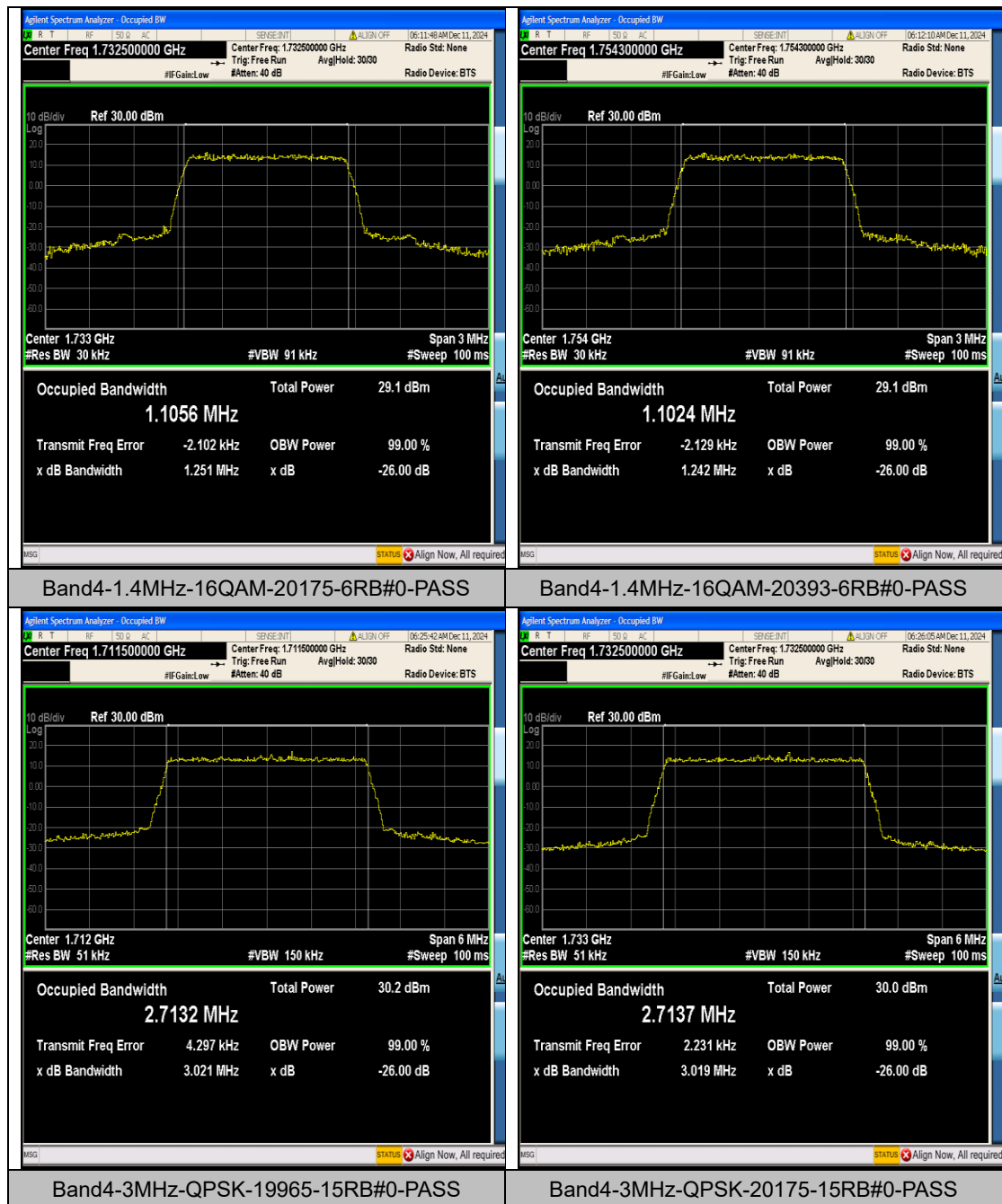
Test Result

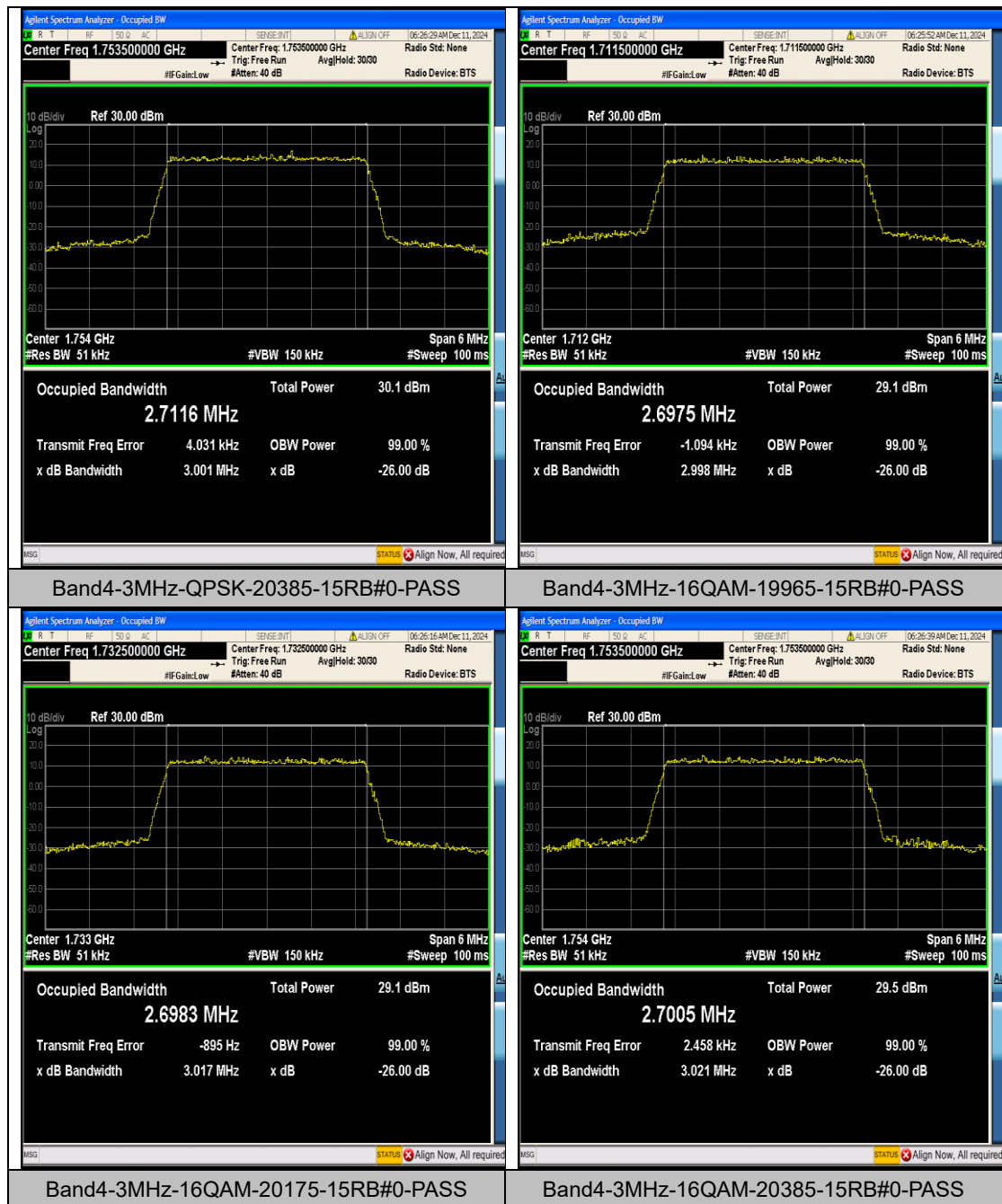
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0986	1.247	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0909	1.243	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0924	1.241	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0910	1.243	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1056	1.251	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1024	1.242	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7132	3.021	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7137	3.019	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7116	3.001	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6975	2.998	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6983	3.017	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7005	3.021	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5097	4.976	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5092	4.978	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5101	4.969	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5059	4.954	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5029	4.959	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5045	4.970	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9887	9.858	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9951	9.861	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0166	9.930	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9913	9.941	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9873	9.902	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0011	9.942	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.513	14.91	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.496	14.97	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.465	14.99	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.517	15.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.506	14.95	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.516	14.93	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.986	19.79	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.983	19.75	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.064	19.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.048	19.72	PASS

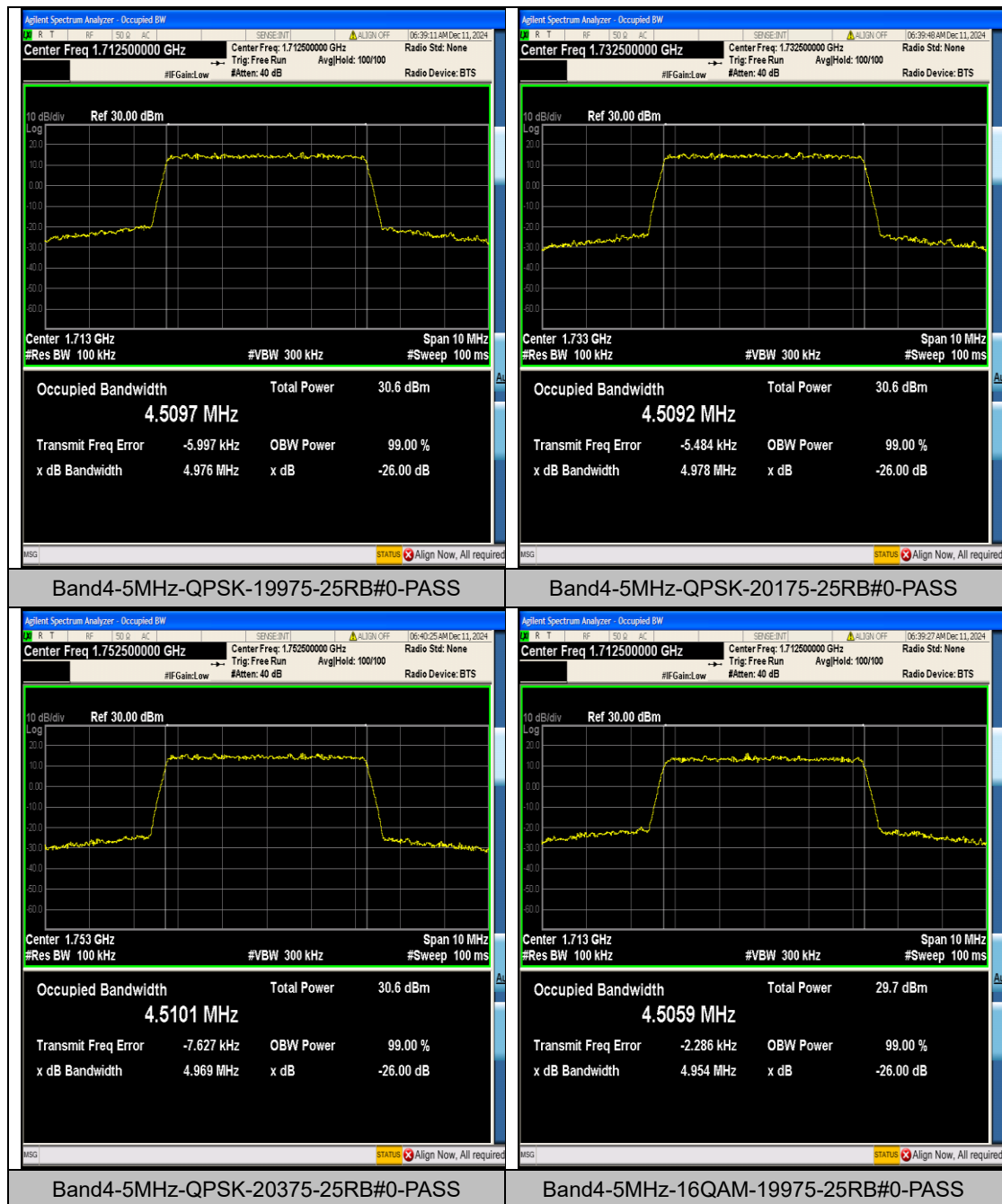
Band4	20MHz	16QAM	20175	100RB#0	18.024	19.72	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.013	19.79	PASS

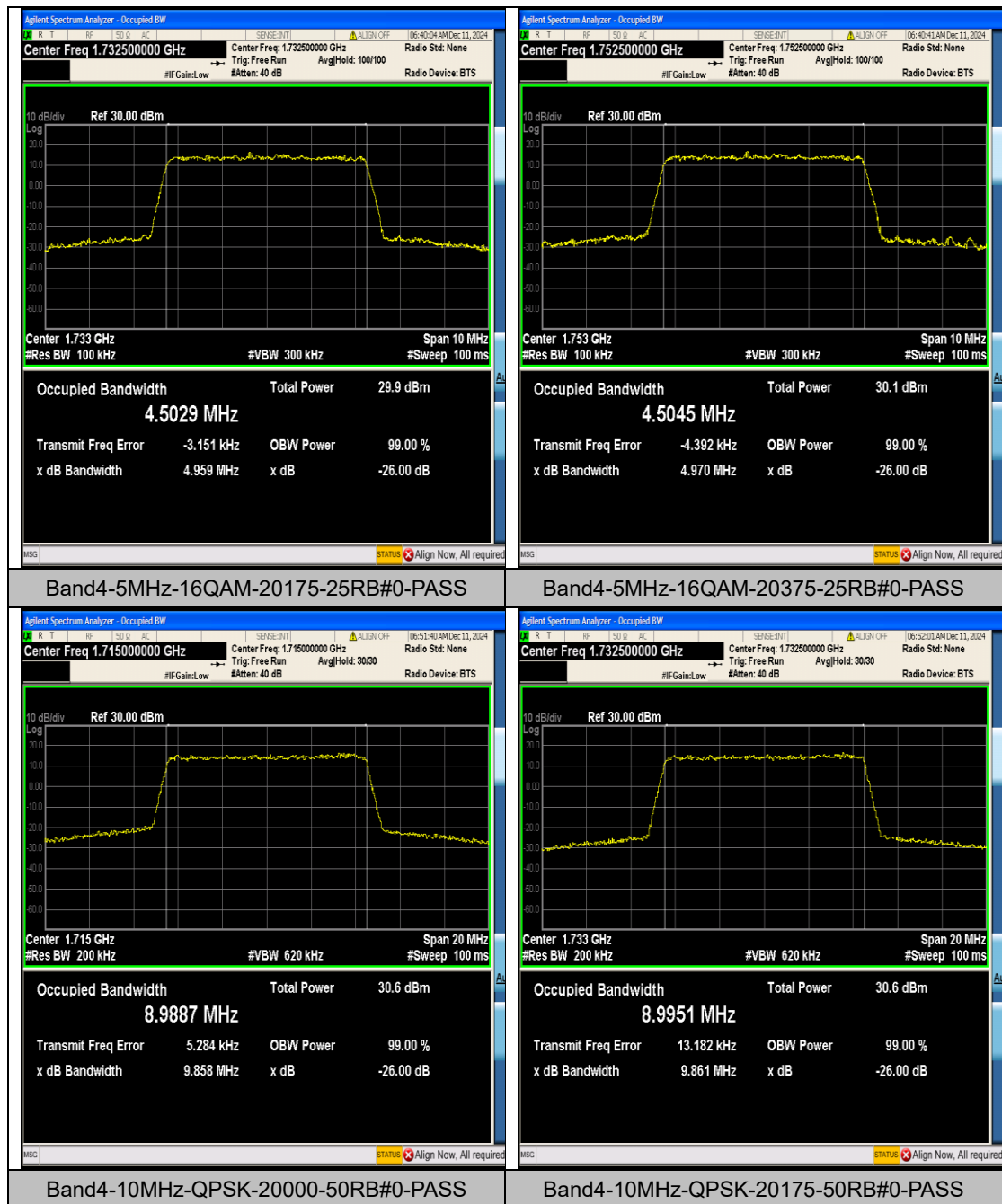
Test Graphs

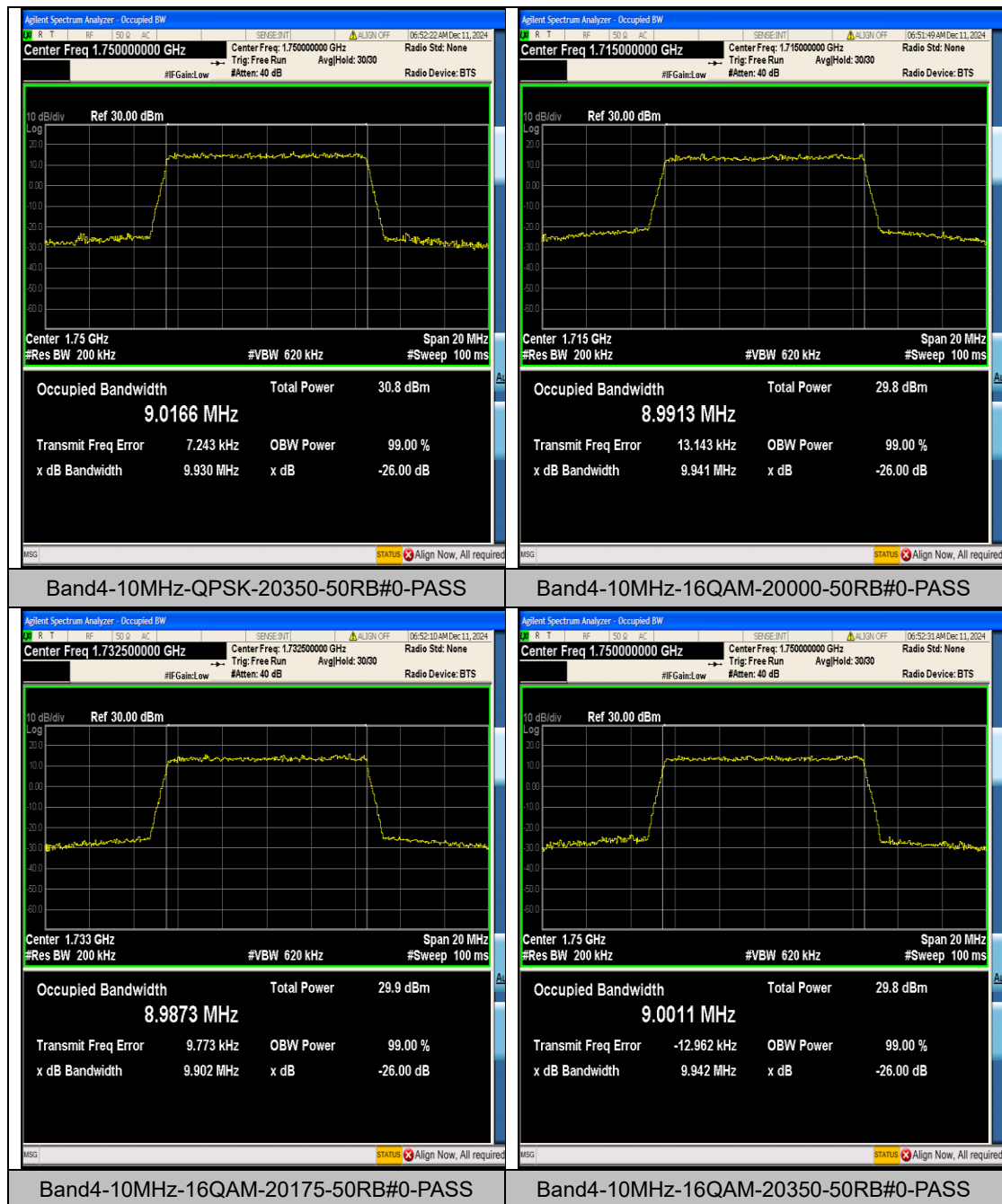


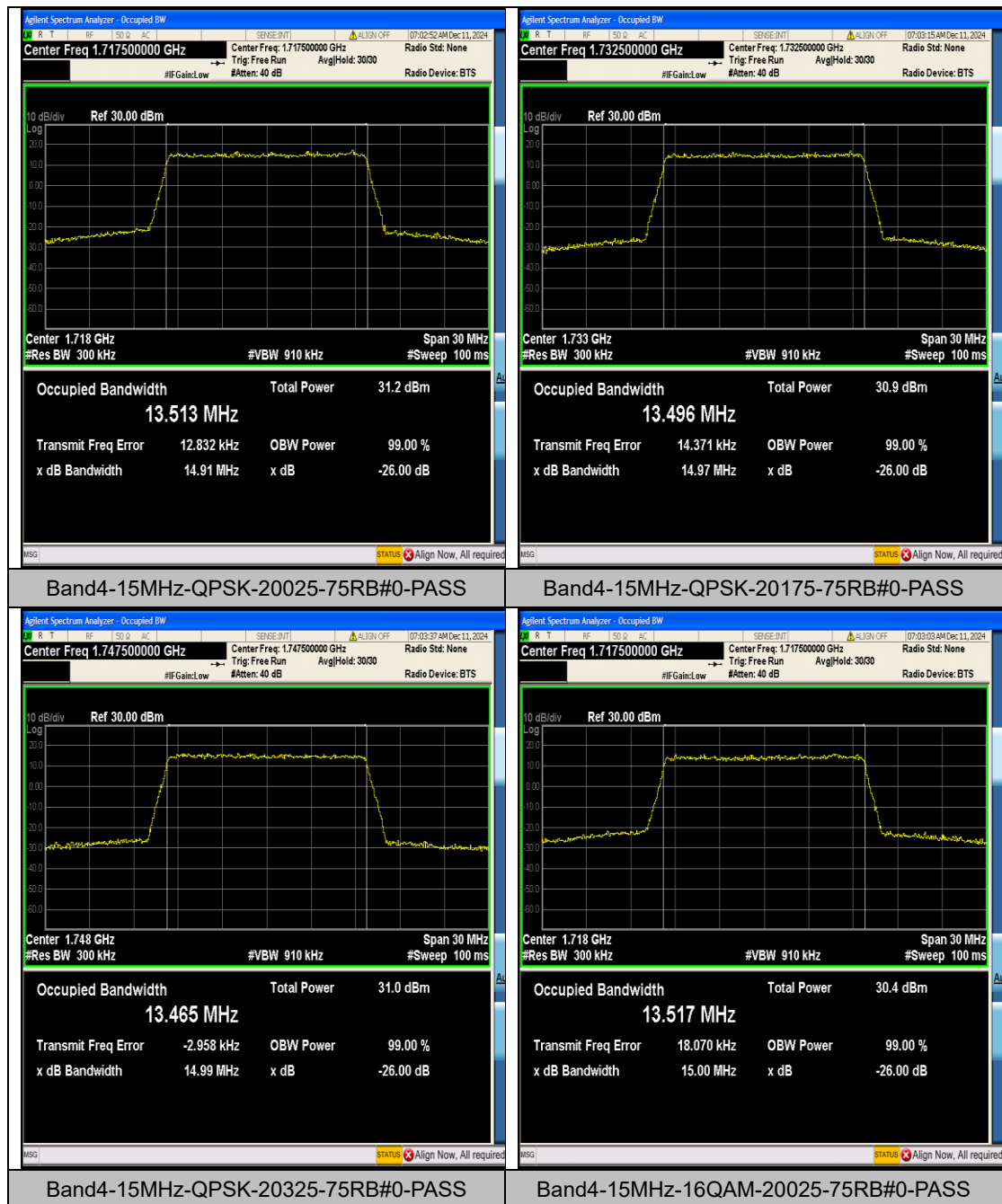


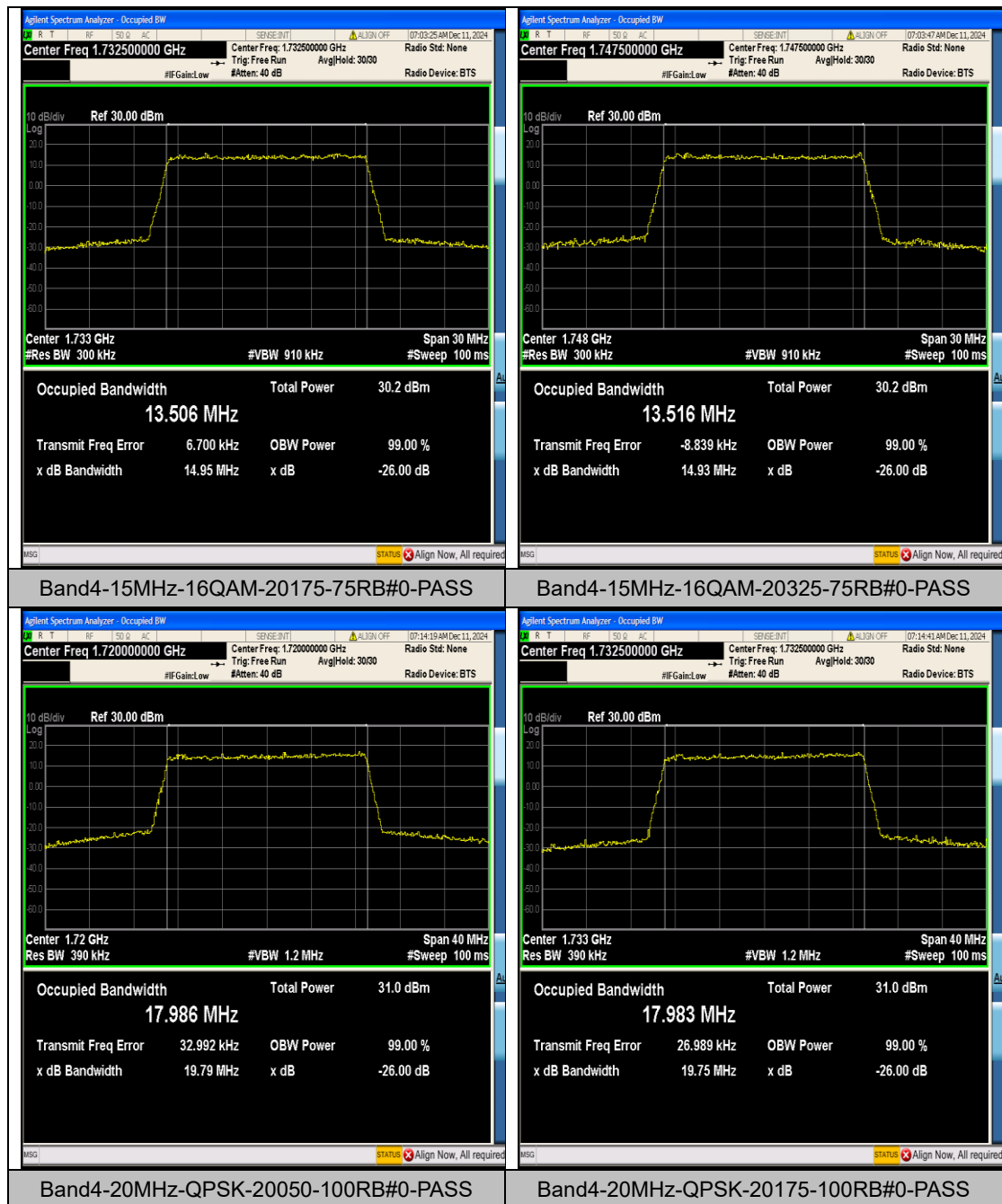


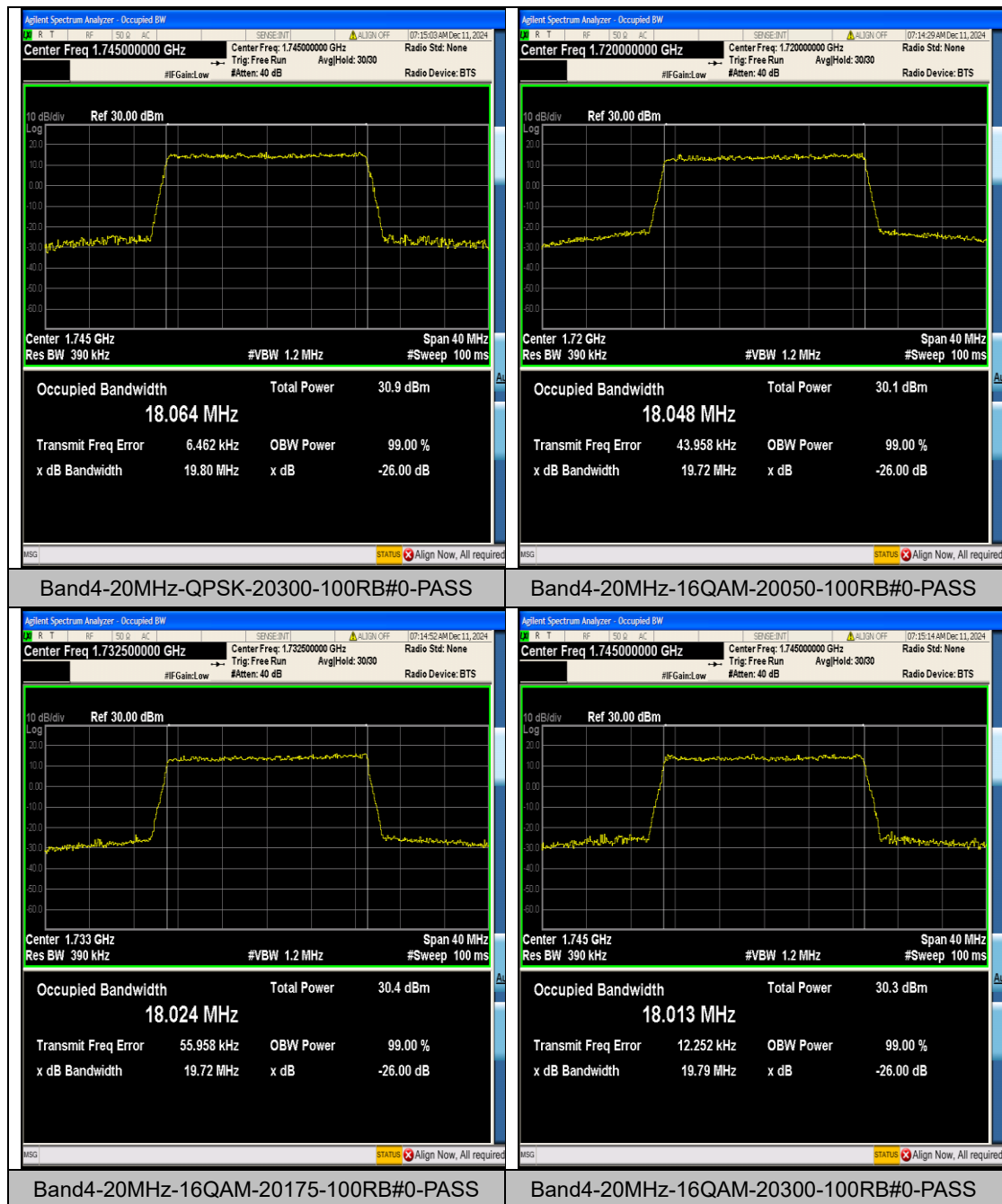












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-28.73	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-32.61	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.01	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.80	PASS
Band4	3MHz	QPSK	19965	15RB#0	-23.80	PASS
Band4	3MHz	QPSK	20385	15RB#0	-29.08	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.88	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.51	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.27	PASS
Band4	5MHz	QPSK	20375	25RB#0	-29.75	PASS
Band4	5MHz	16QAM	19975	25RB#0	-25.21	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.18	PASS
Band4	10MHz	QPSK	20000	50RB#0	-26.05	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.48	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.38	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.49	PASS
Band4	15MHz	QPSK	20025	75RB#0	-27.30	PASS
Band4	15MHz	QPSK	20325	75RB#0	-34.03	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.23	PASS
Band4	15MHz	16QAM	20325	75RB#0	-34.84	PASS
Band4	20MHz	QPSK	20050	100RB#0	-29.78	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.56	PASS
Band4	20MHz	16QAM	20050	100RB#0	-30.93	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.49	PASS

Test Graphs

