

Appendix RF Test Data for LTE Band 4

Company: : SIMFINITY COMPANY LIMITED

EUT : MIFI

Model Number : U6

FCC ID : 2BSRS-U6

Report No. : CTA25100901303

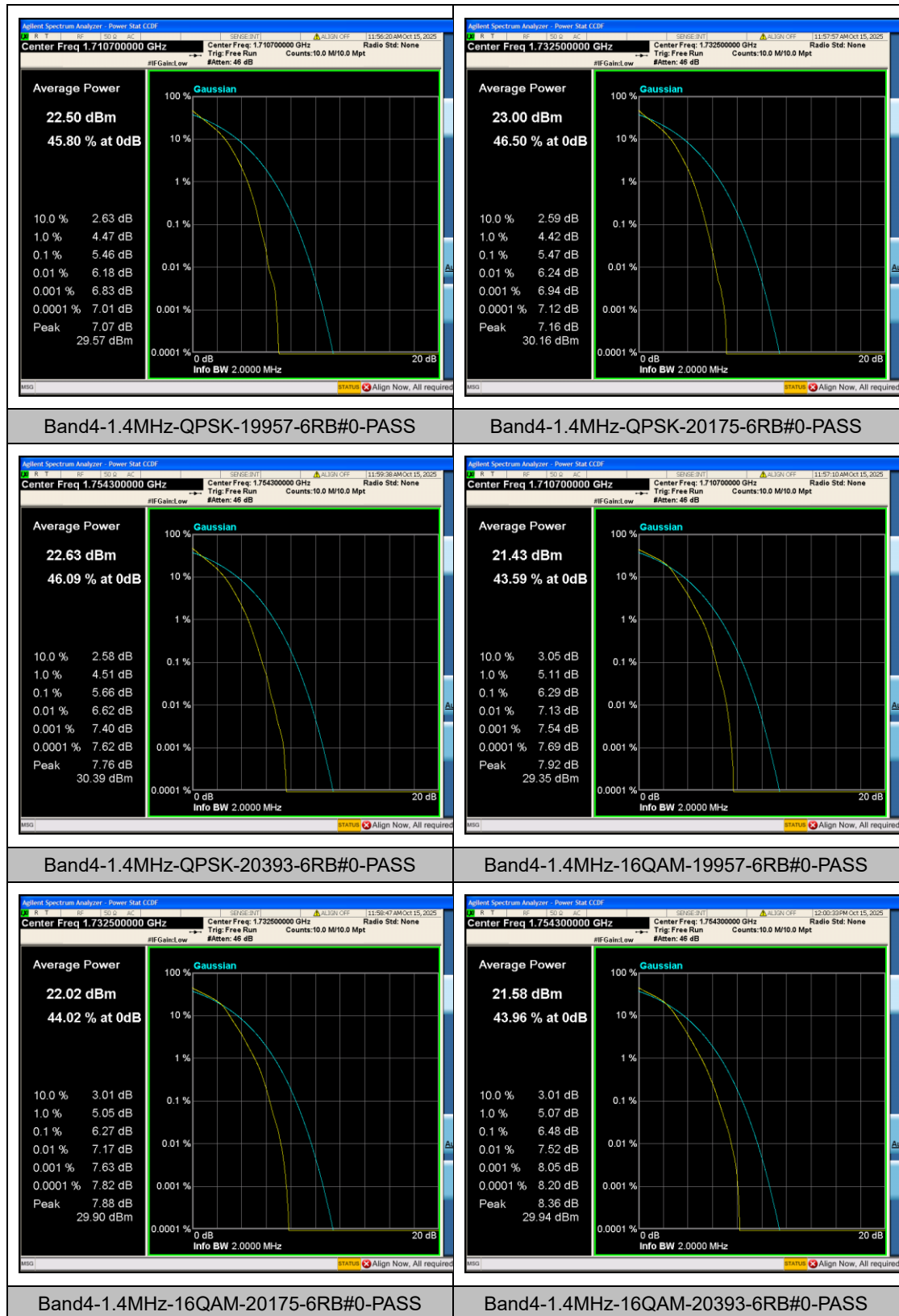
Reviewed By : Eric Wang

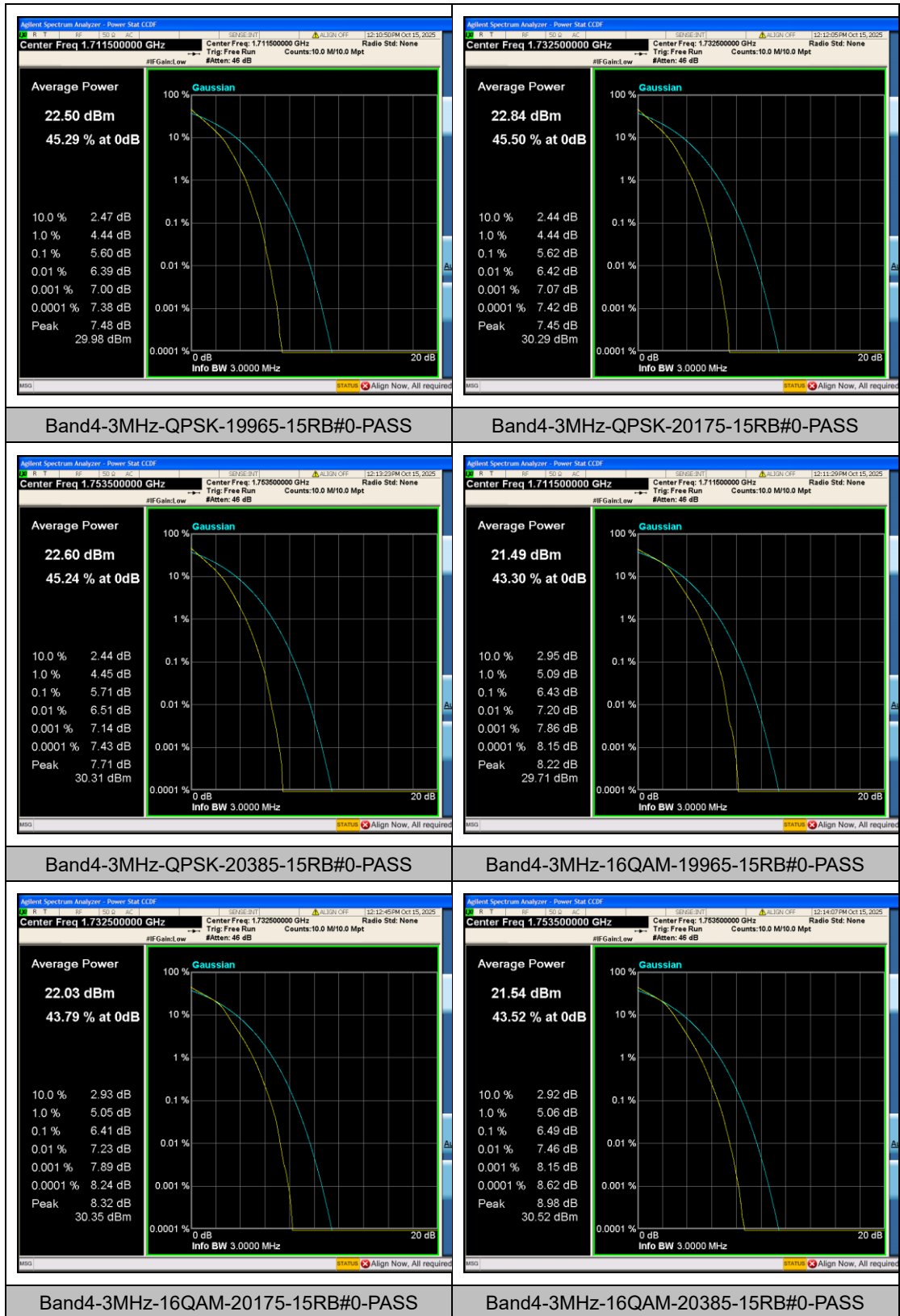
Appendix B: Peak-to-Average Ratio(CCDF)

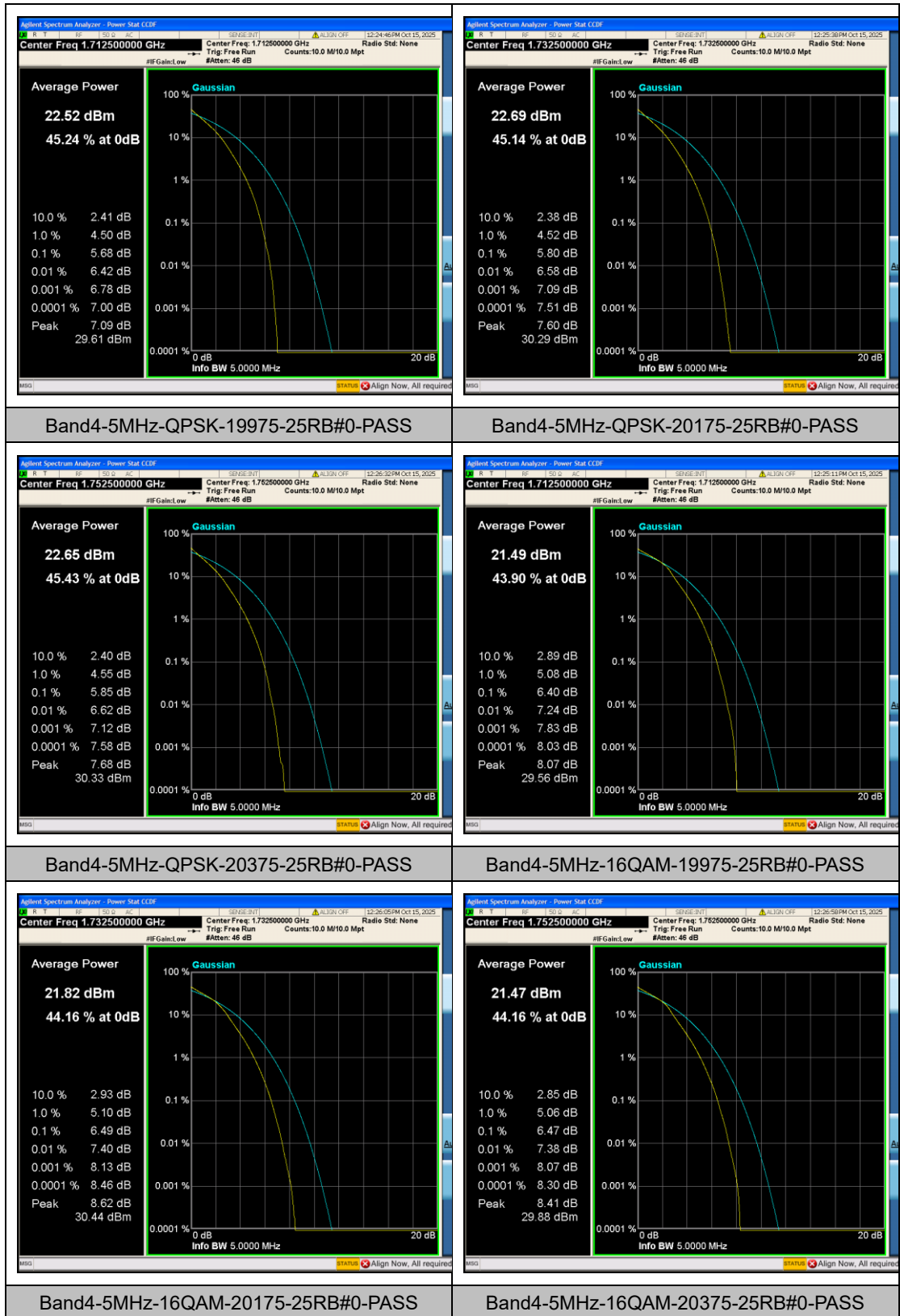
Test Result

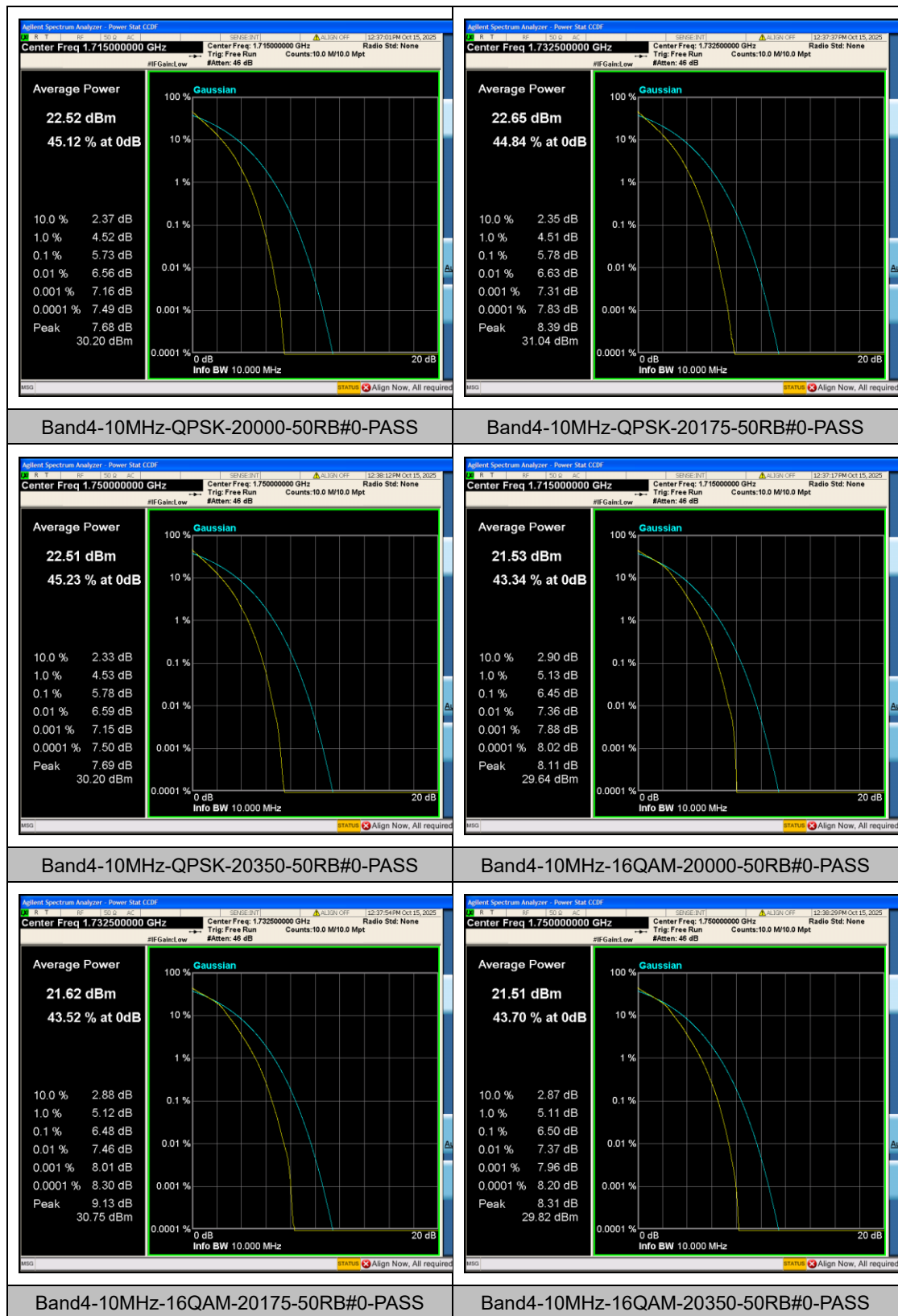
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.46	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.47	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.66	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.29	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.27	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.48	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.60	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.62	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.71	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.43	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.41	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.49	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.68	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.85	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.40	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.49	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.47	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.73	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.78	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.78	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.45	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.48	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.50	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.05	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	6.13	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.56	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.63	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.60	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.65	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.83	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.50	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.48	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.49	13	PASS

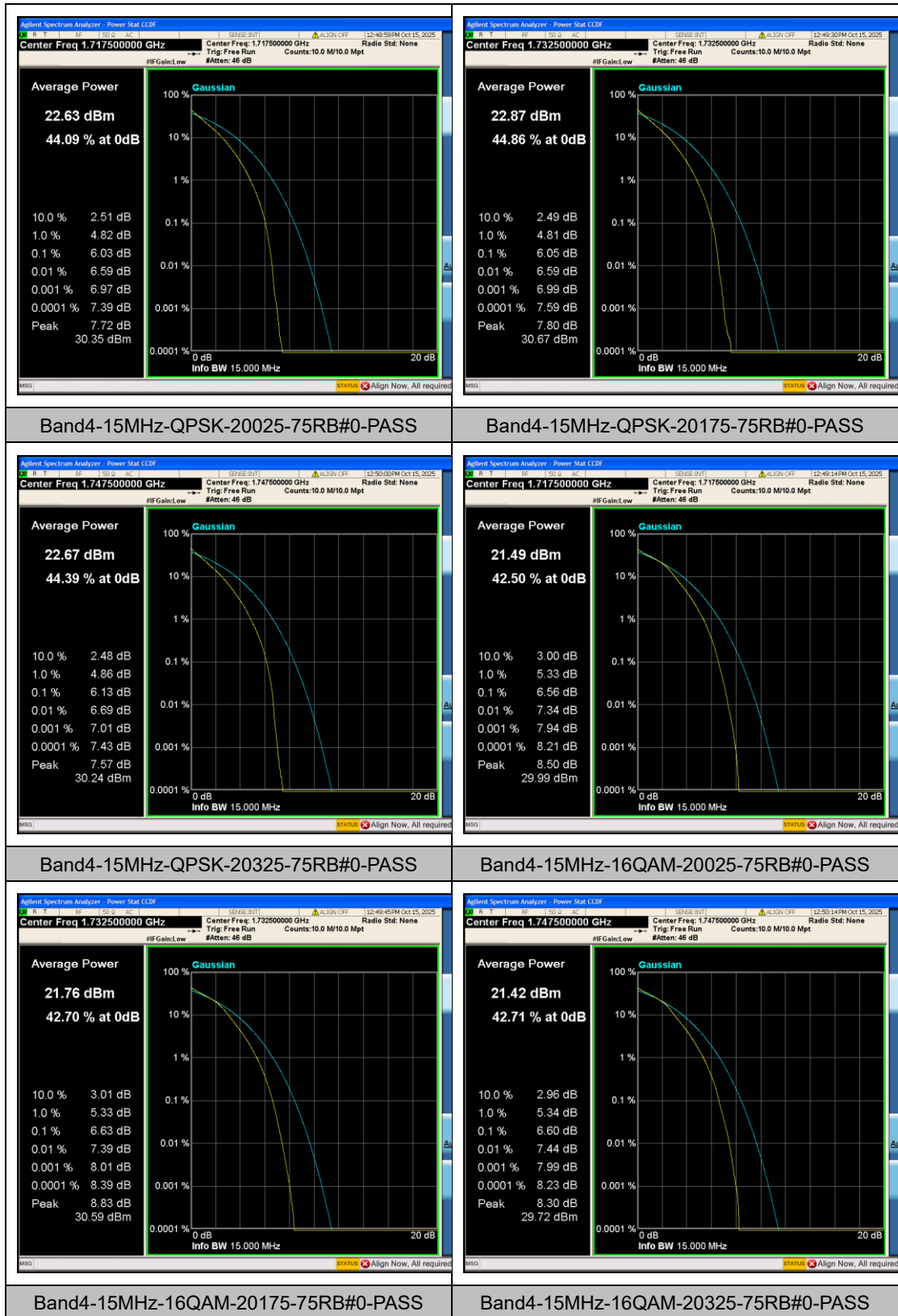
Test Graphs

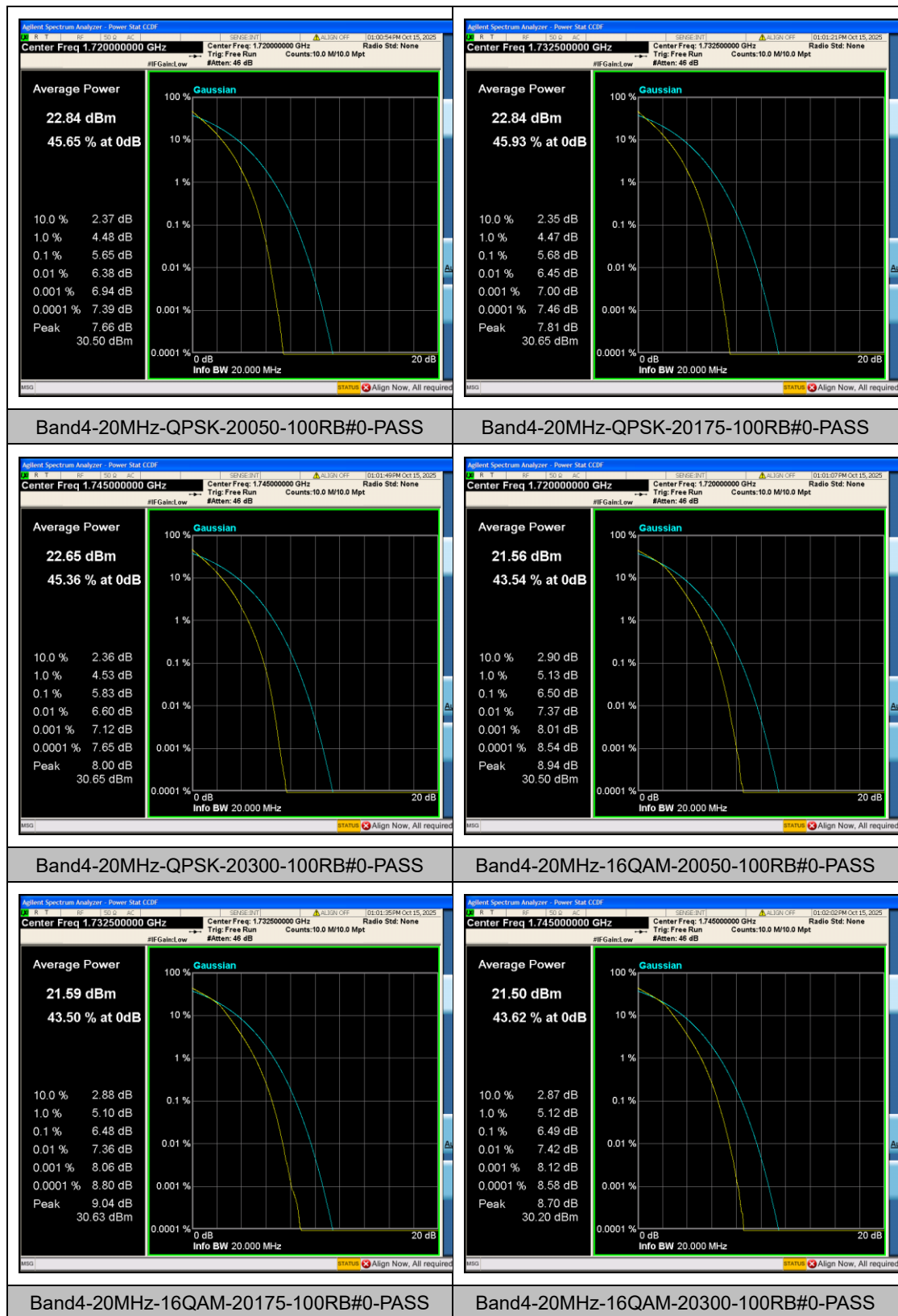












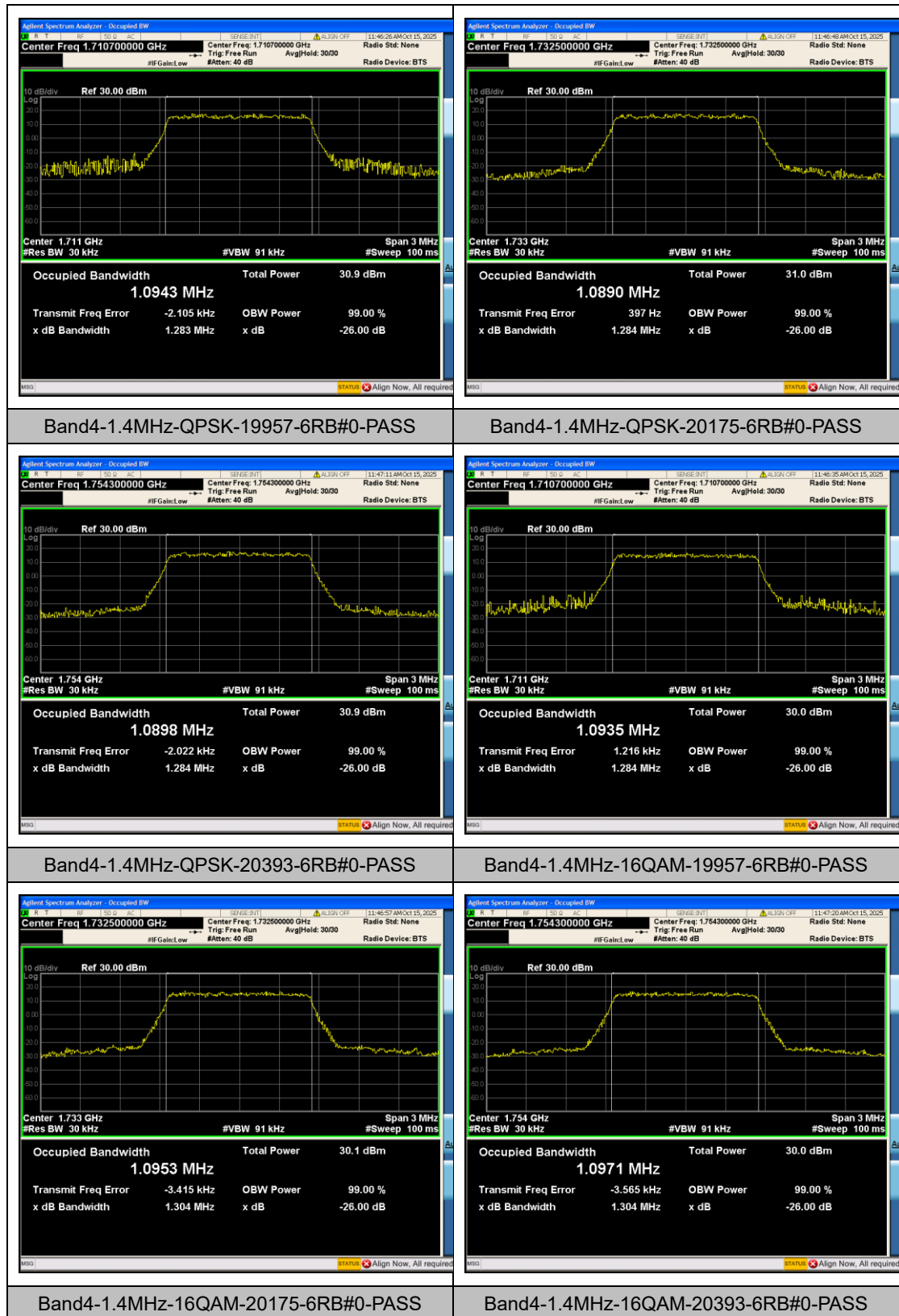
Appendix C: 26dB Bandwidth and Occupied Bandwidth

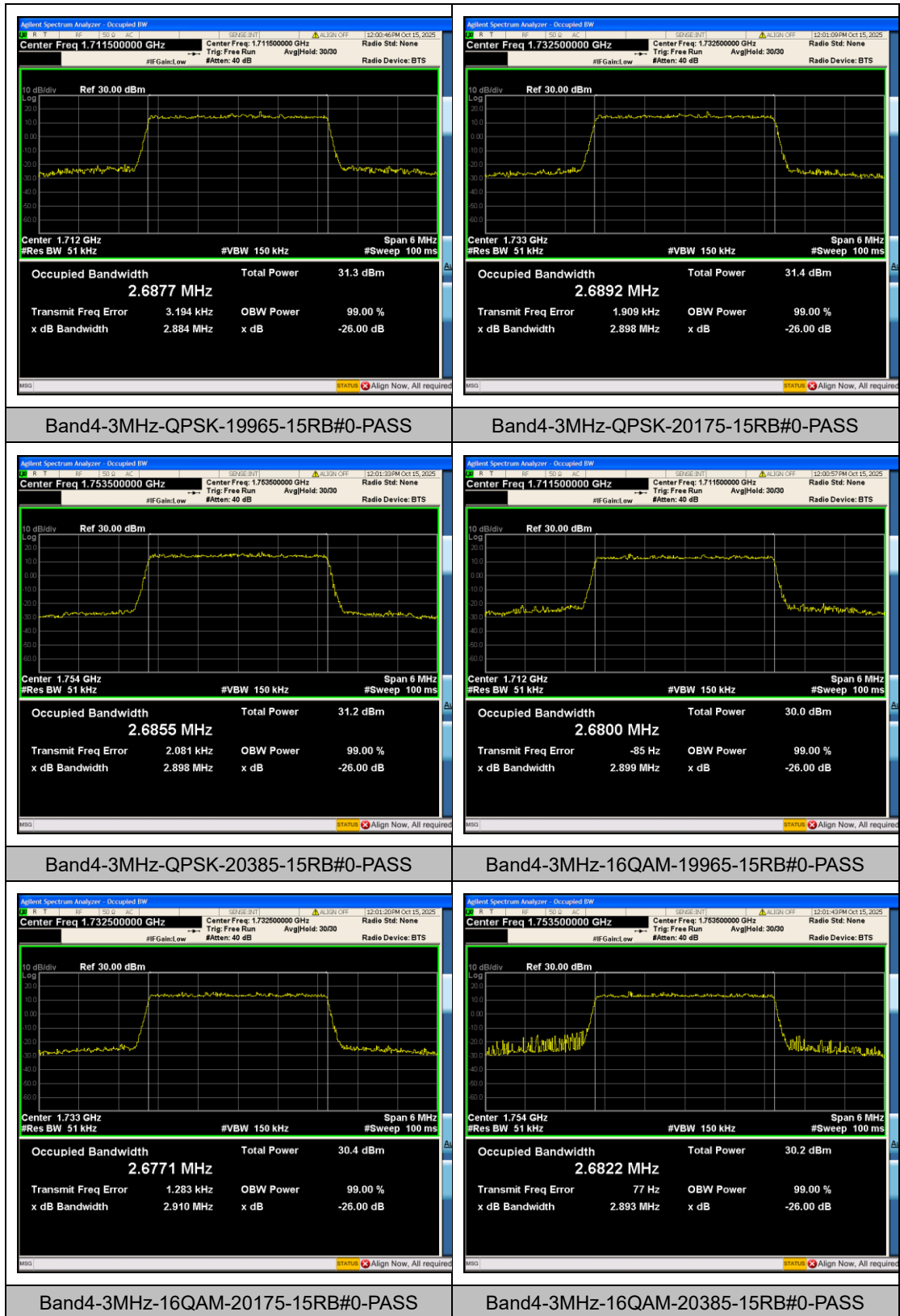
Test Result

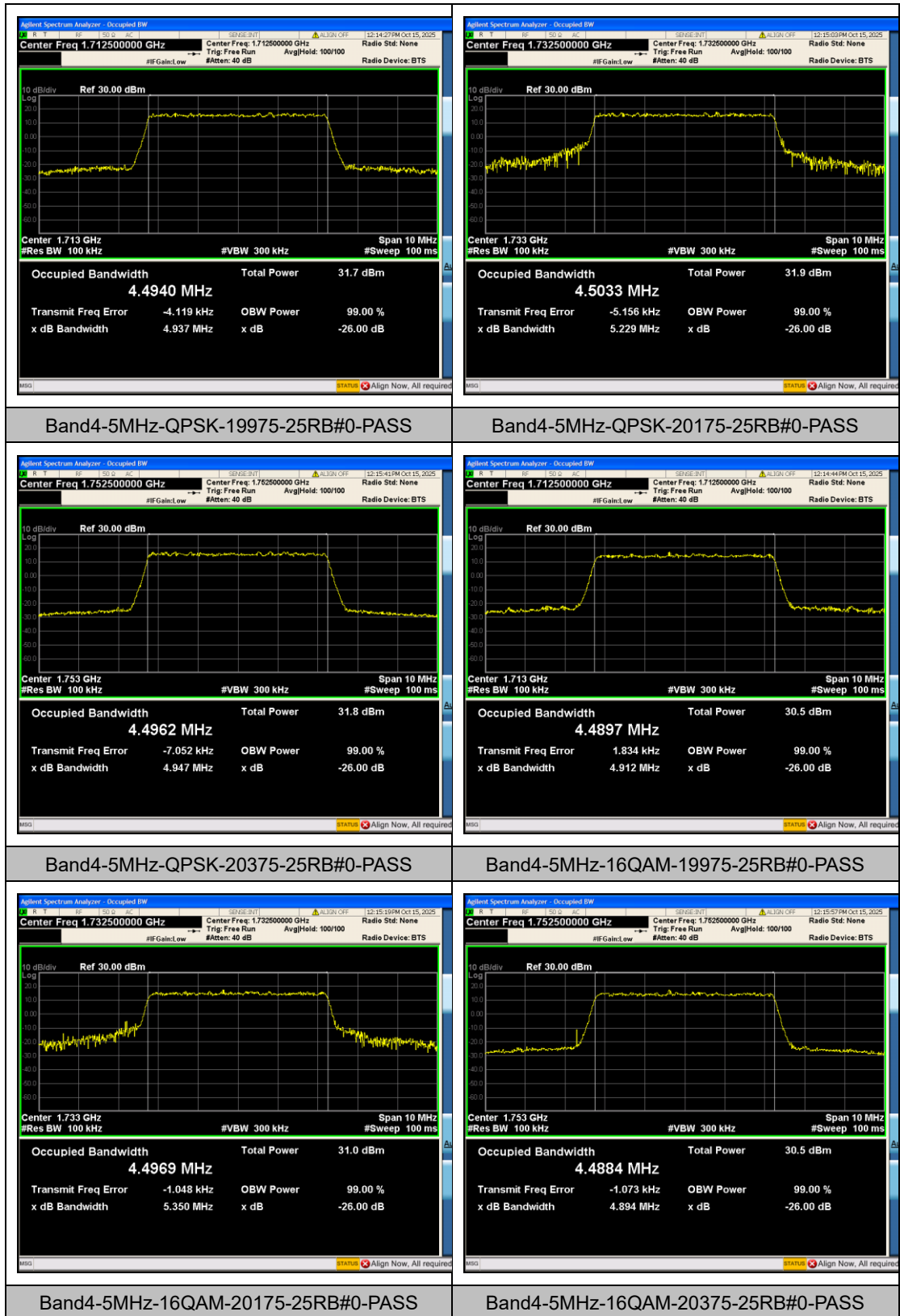
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0943	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0890	1.284	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0898	1.284	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0935	1.284	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0953	1.304	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0971	1.304	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6877	2.884	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6892	2.898	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6855	2.898	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6800	2.899	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6771	2.910	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6822	2.893	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4940	4.937	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5033	5.229	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4962	4.947	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4897	4.912	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4969	5.350	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4884	4.894	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9896	9.812	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9763	9.850	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9864	9.784	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9861	9.739	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9909	10.28	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9817	9.823	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.486	14.77	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.488	14.94	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.450	14.80	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.487	14.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.483	15.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.492	14.60	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.953	19.34	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.963	19.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.959	19.62	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.981	19.39	PASS

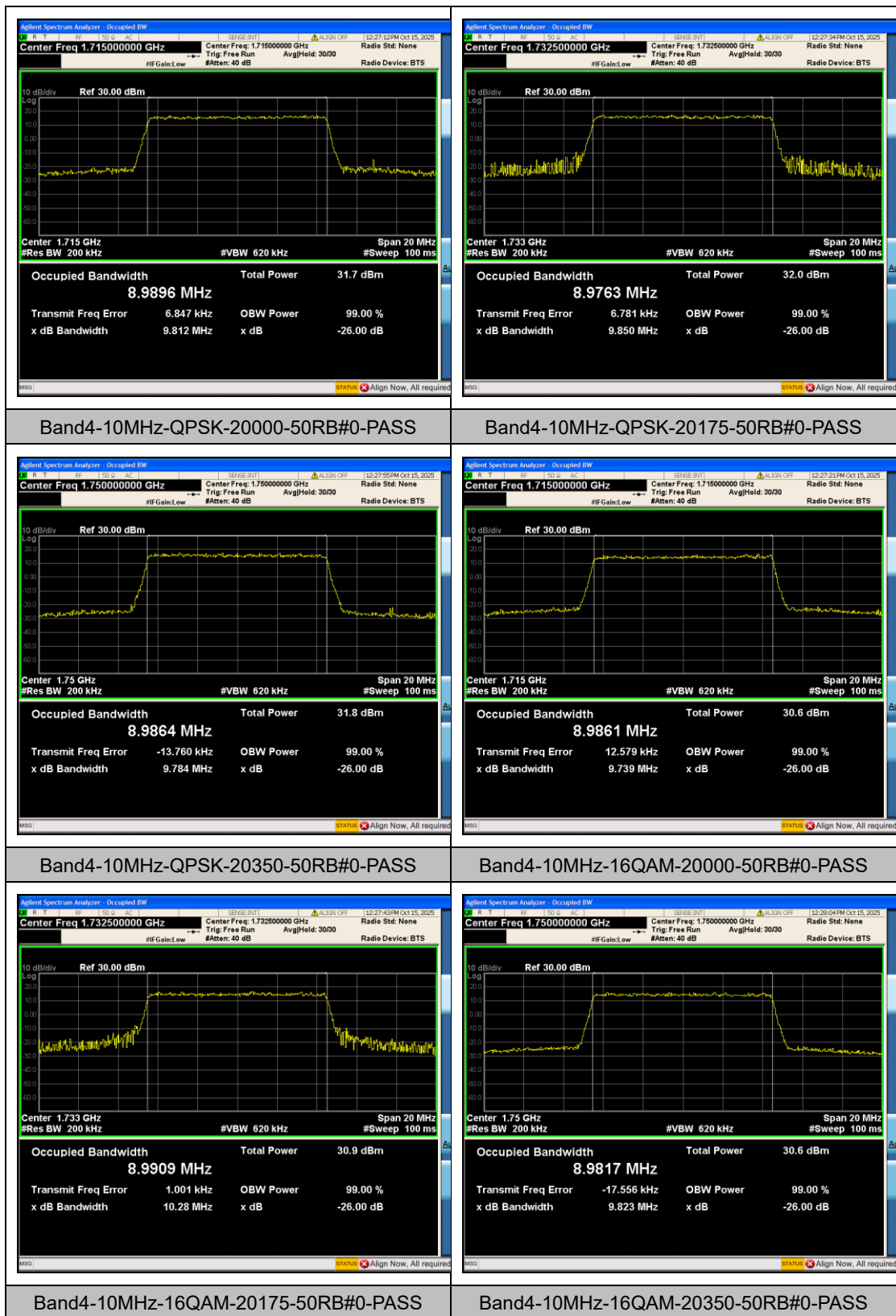
Band4	20MHz	16QAM	20175	100RB#0	17.911	19.40	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.957	19.34	PASS

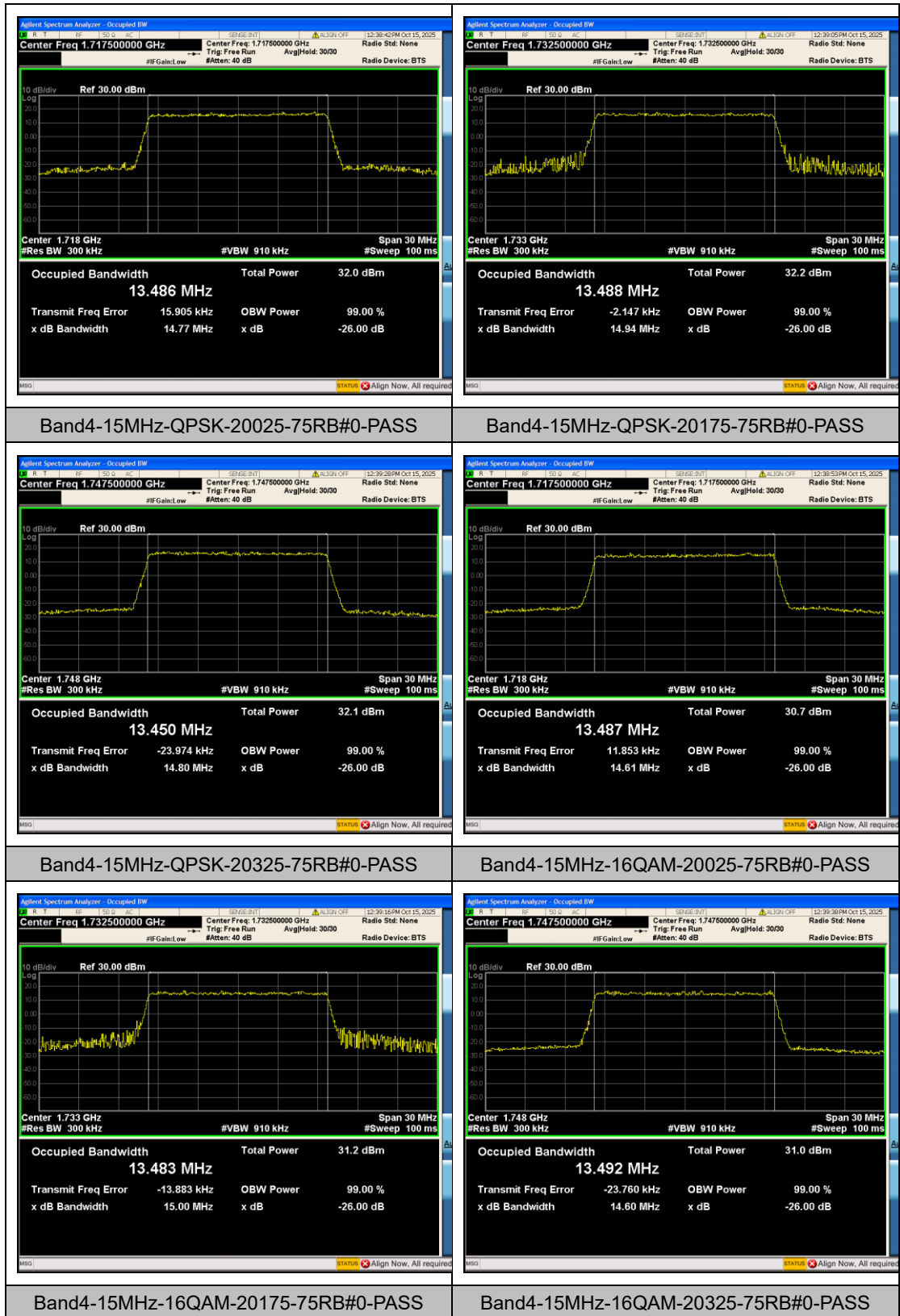
Test Graphs

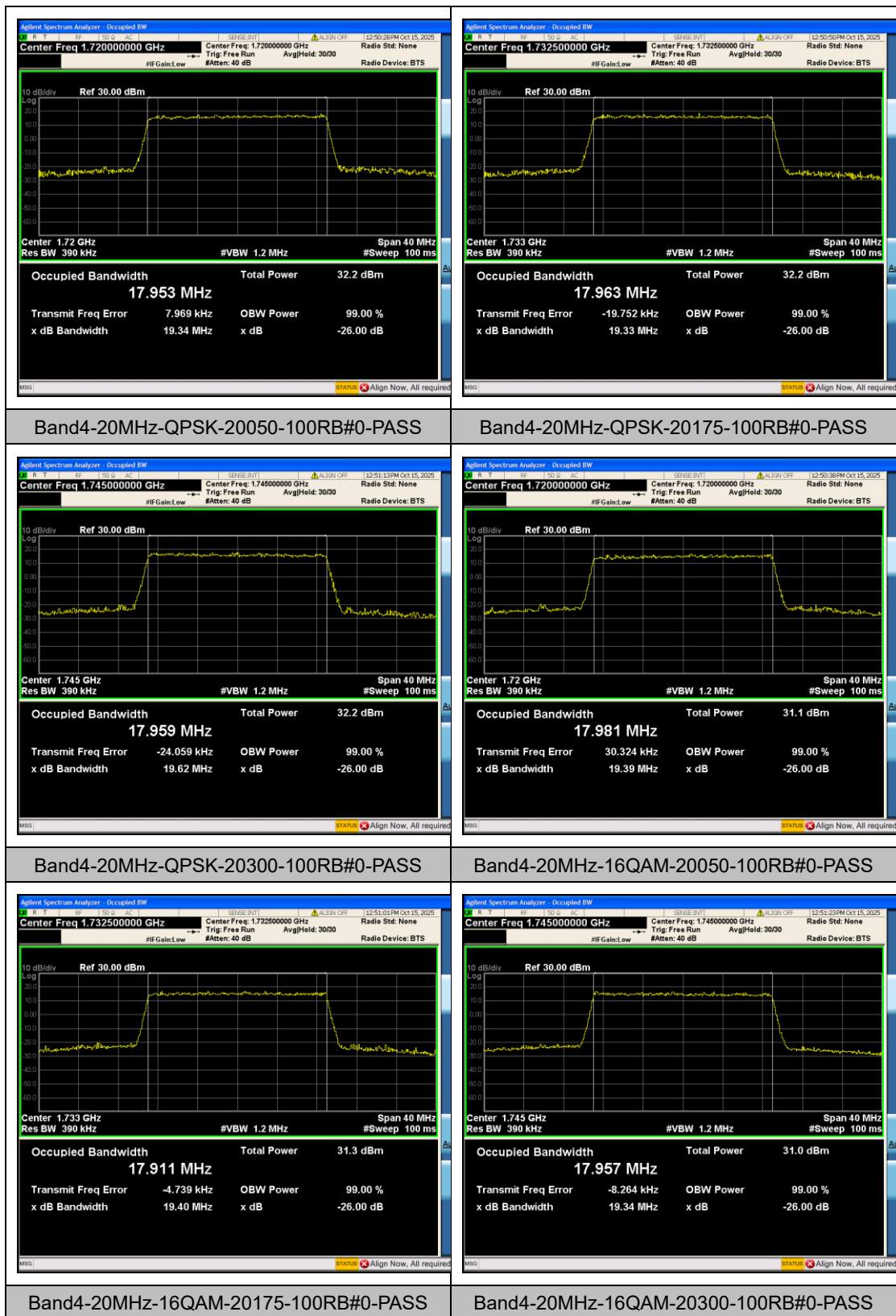












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-27.64	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-29.12	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.41	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.43	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.32	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.33	PASS
Band4	3MHz	16QAM	19965	15RB#0	-25.40	PASS
Band4	3MHz	16QAM	20385	15RB#0	-26.07	PASS
Band4	5MHz	QPSK	19975	25RB#0	-27.66	PASS
Band4	5MHz	QPSK	20375	25RB#0	-28.78	PASS
Band4	5MHz	16QAM	19975	25RB#0	-26.43	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.93	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.41	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.12	PASS
Band4	10MHz	16QAM	20000	50RB#0	-28.69	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.16	PASS
Band4	15MHz	QPSK	20325	75RB#0	-32.50	PASS
Band4	15MHz	16QAM	20025	75RB#0	-29.47	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.46	PASS
Band4	20MHz	QPSK	20050	100RB#0	-31.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.45	PASS
Band4	20MHz	16QAM	20050	100RB#0	-30.51	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.73	PASS