

FCC Appendix RF Test Data for LTE Band 66

FCC ID : 2BVLN-QS

Company : Wuhan Qinggou Intelligent Technology Co., Ltd.

EUT : Qingo AI Vending

Model Number : QS-779CREW(G)-US

Report No. : CTA26030400806

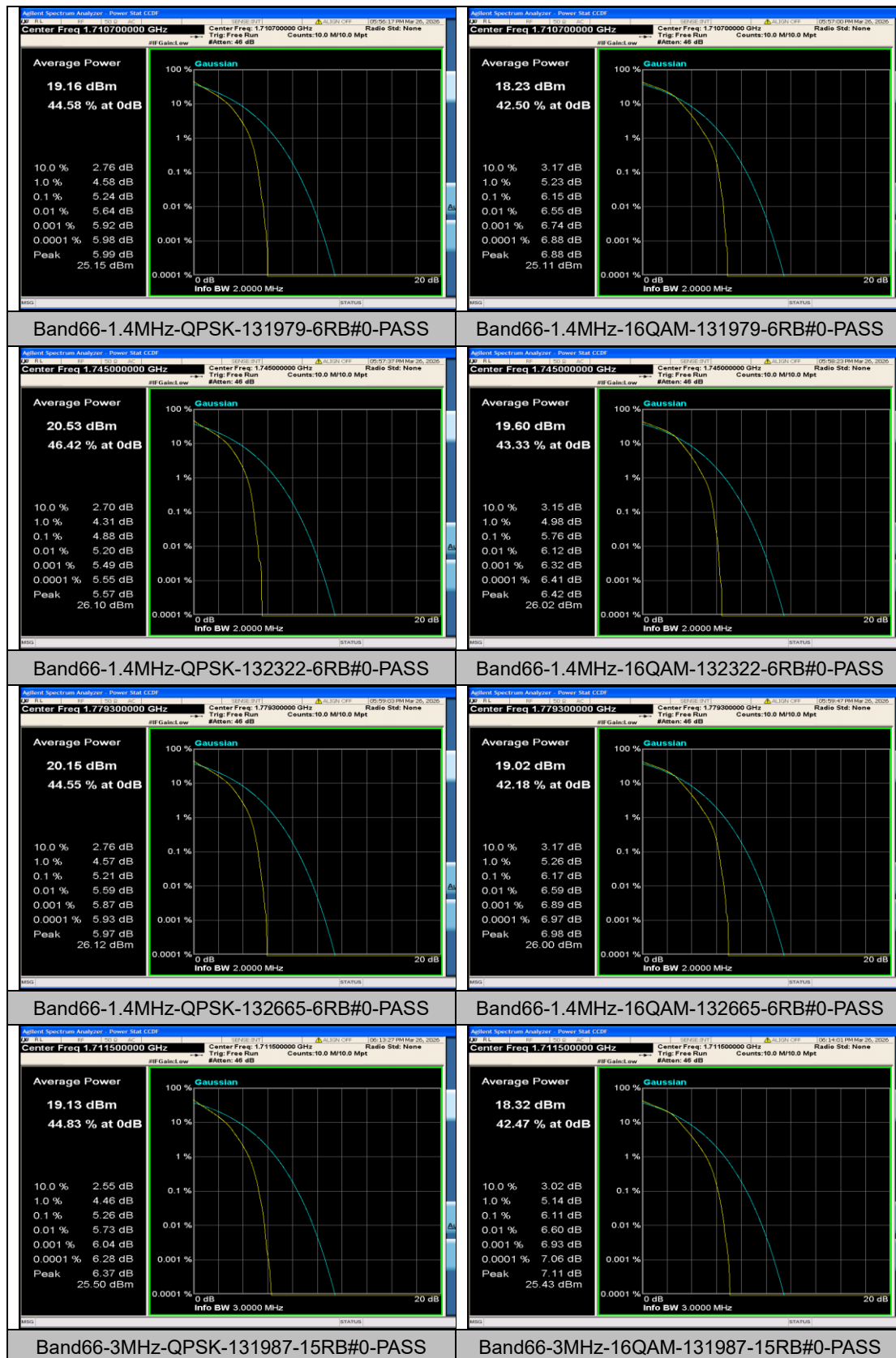
Reviewed By : Eric Wang

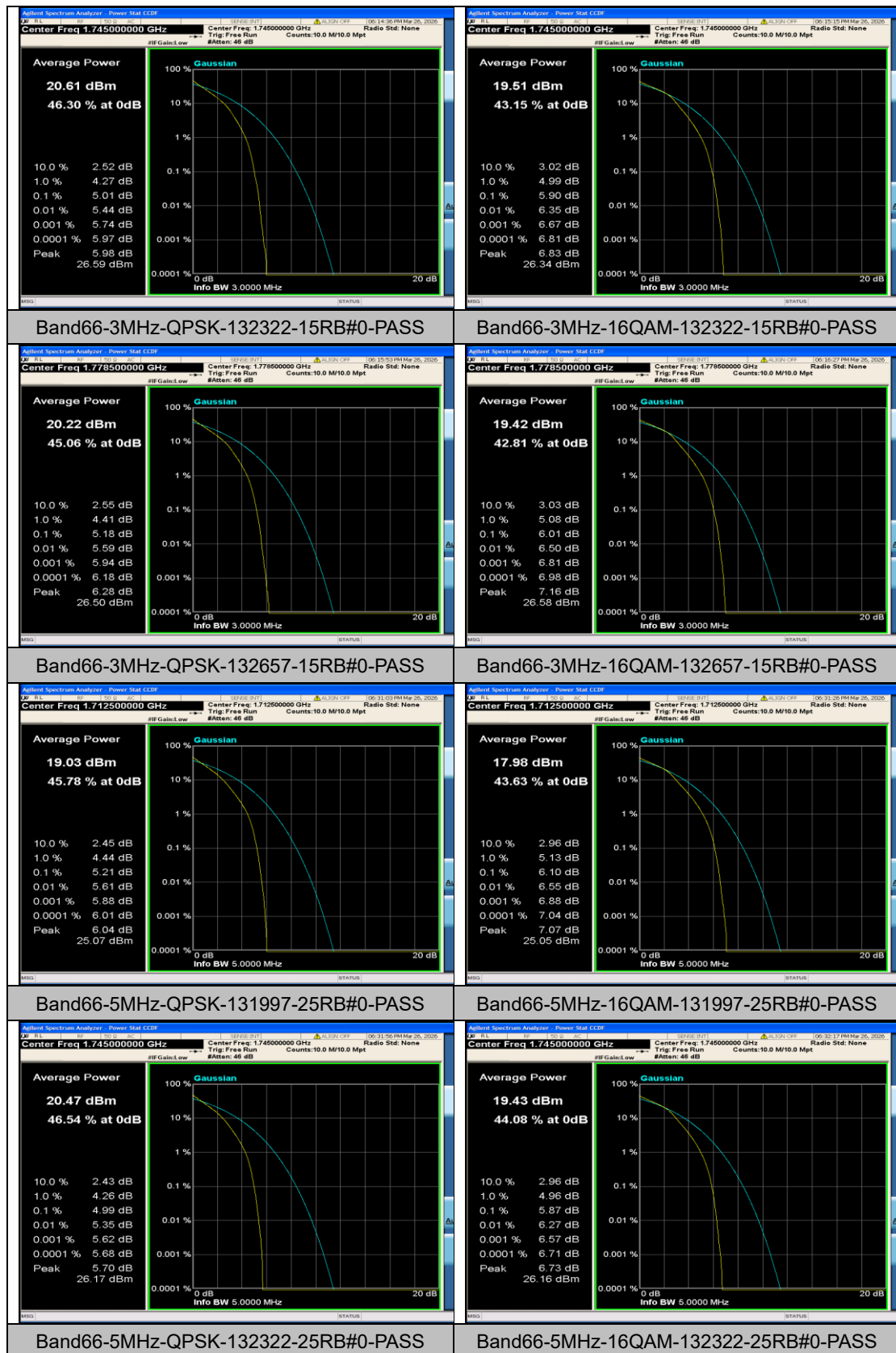
Appendix B: Peak-to-Average Ratio(CCDF)

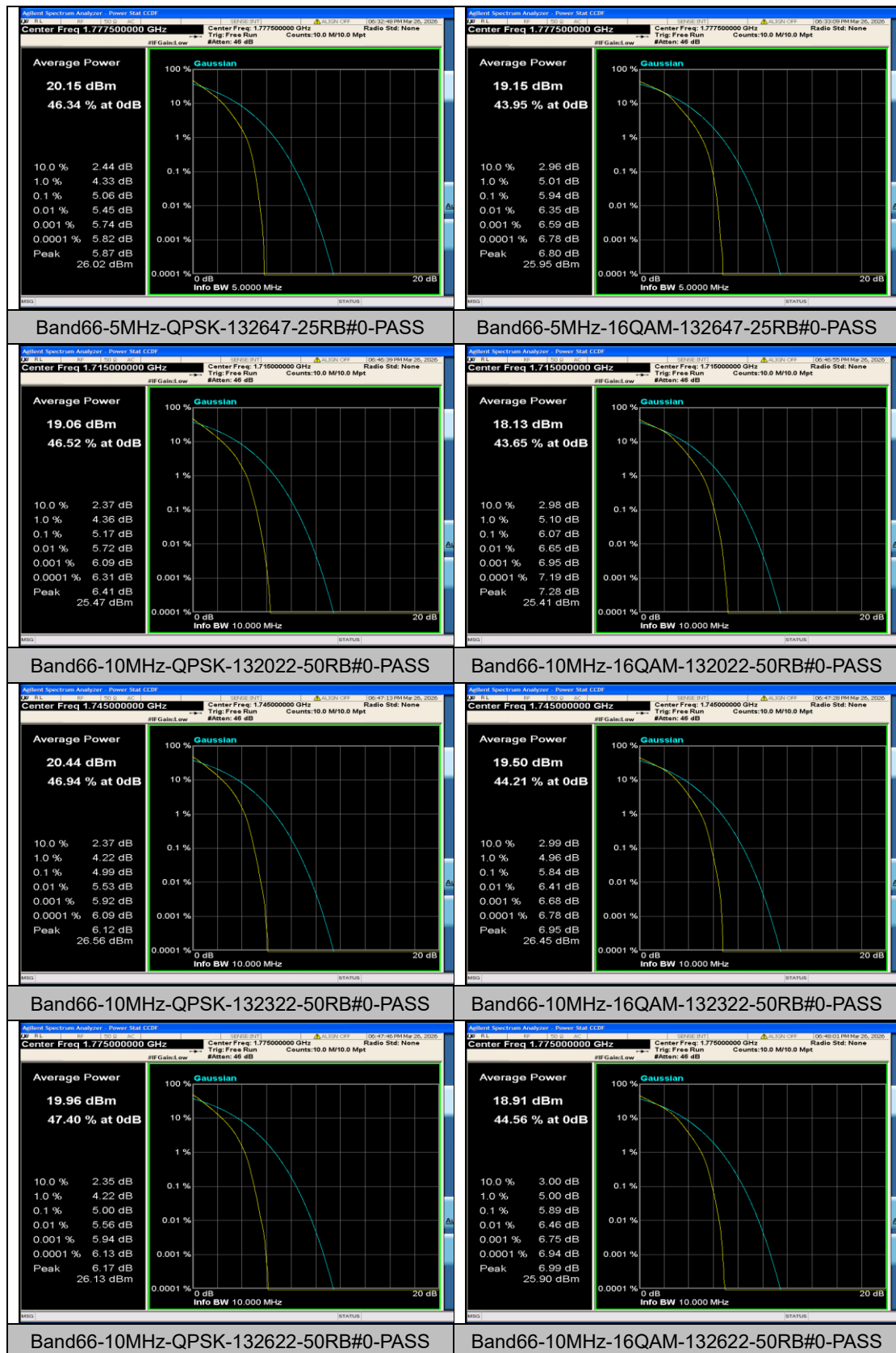
Test Result

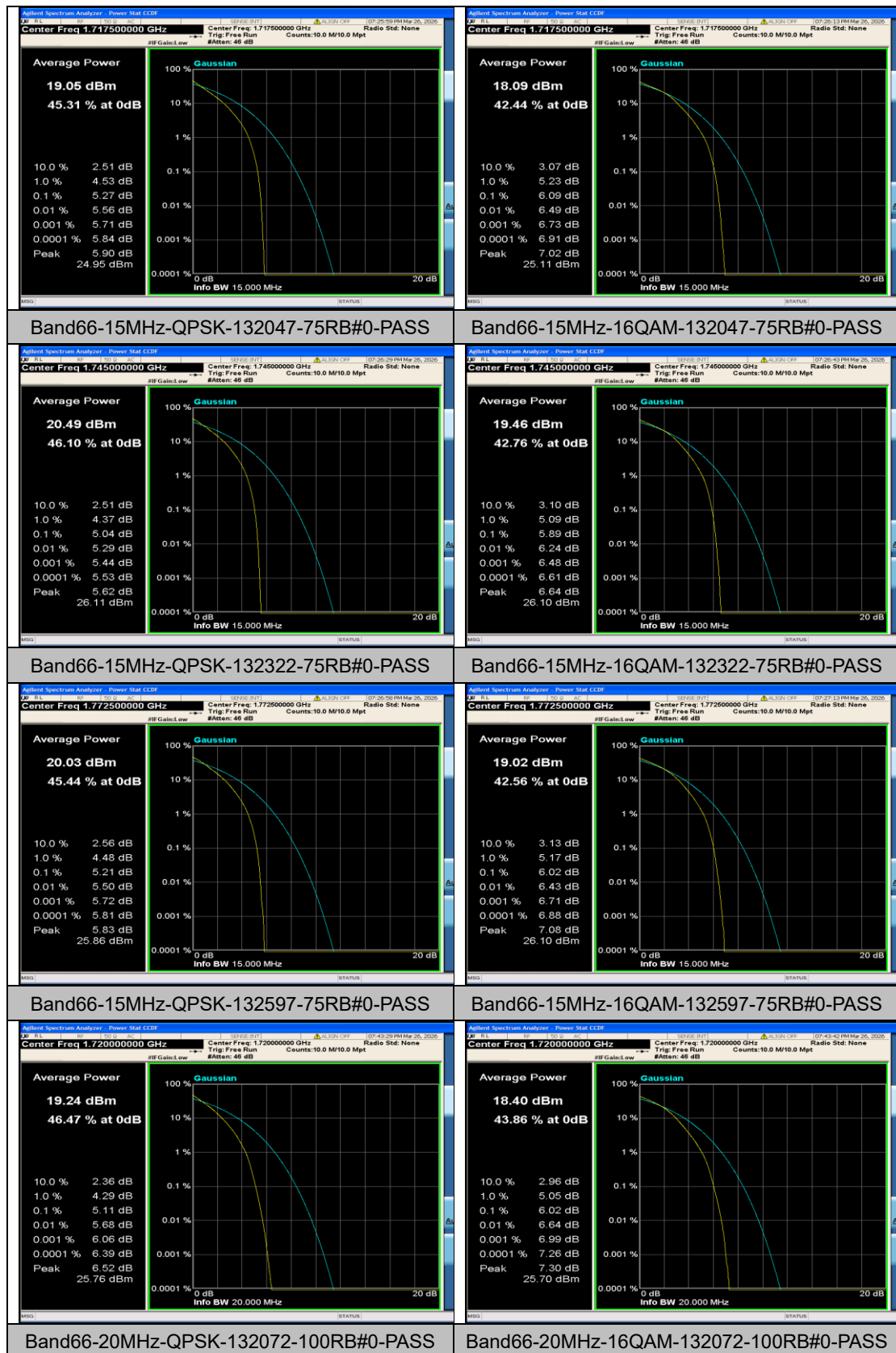
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.24	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.15	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.88	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.76	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.21	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.17	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.26	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.11	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.01	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.90	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.18	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.01	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.21	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.10	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.99	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.87	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.06	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.94	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.17	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.07	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.99	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.84	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.00	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.89	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.27	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.09	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.04	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.89	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.21	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.02	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.11	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.02	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.85	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.81	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.17	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.05	13	PASS

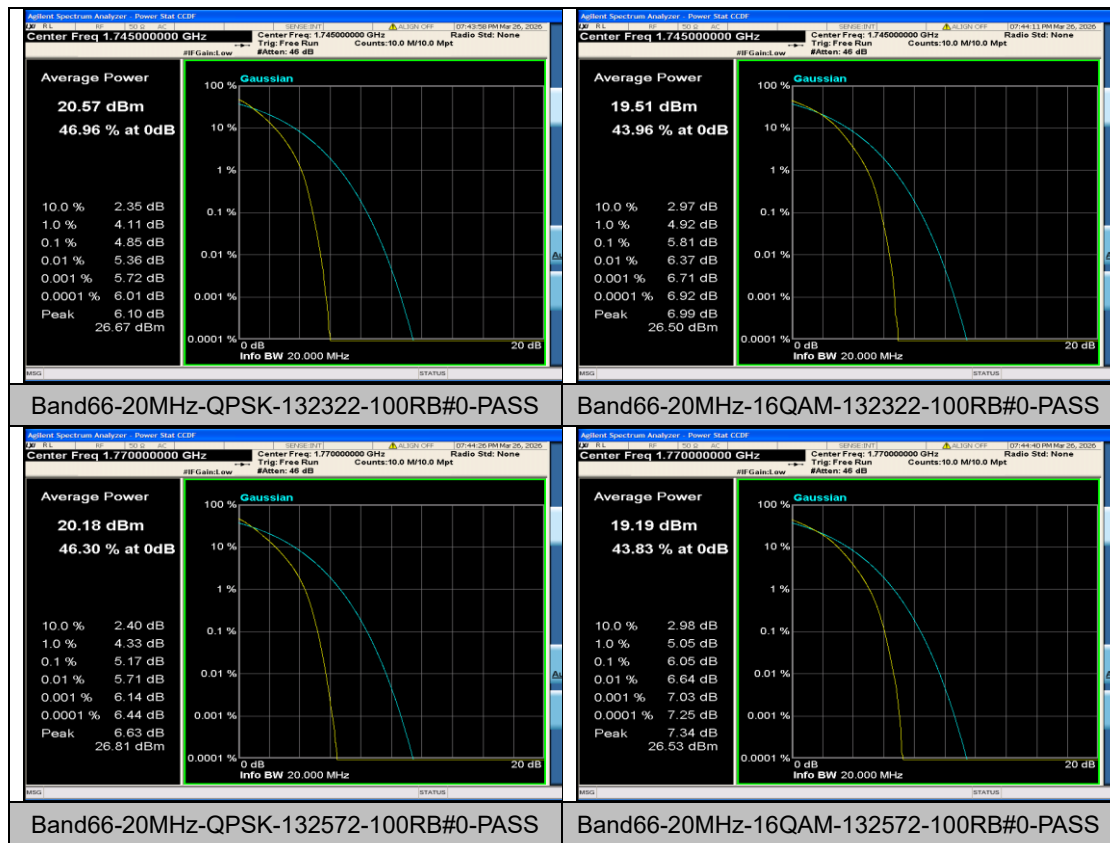
Test Graphs









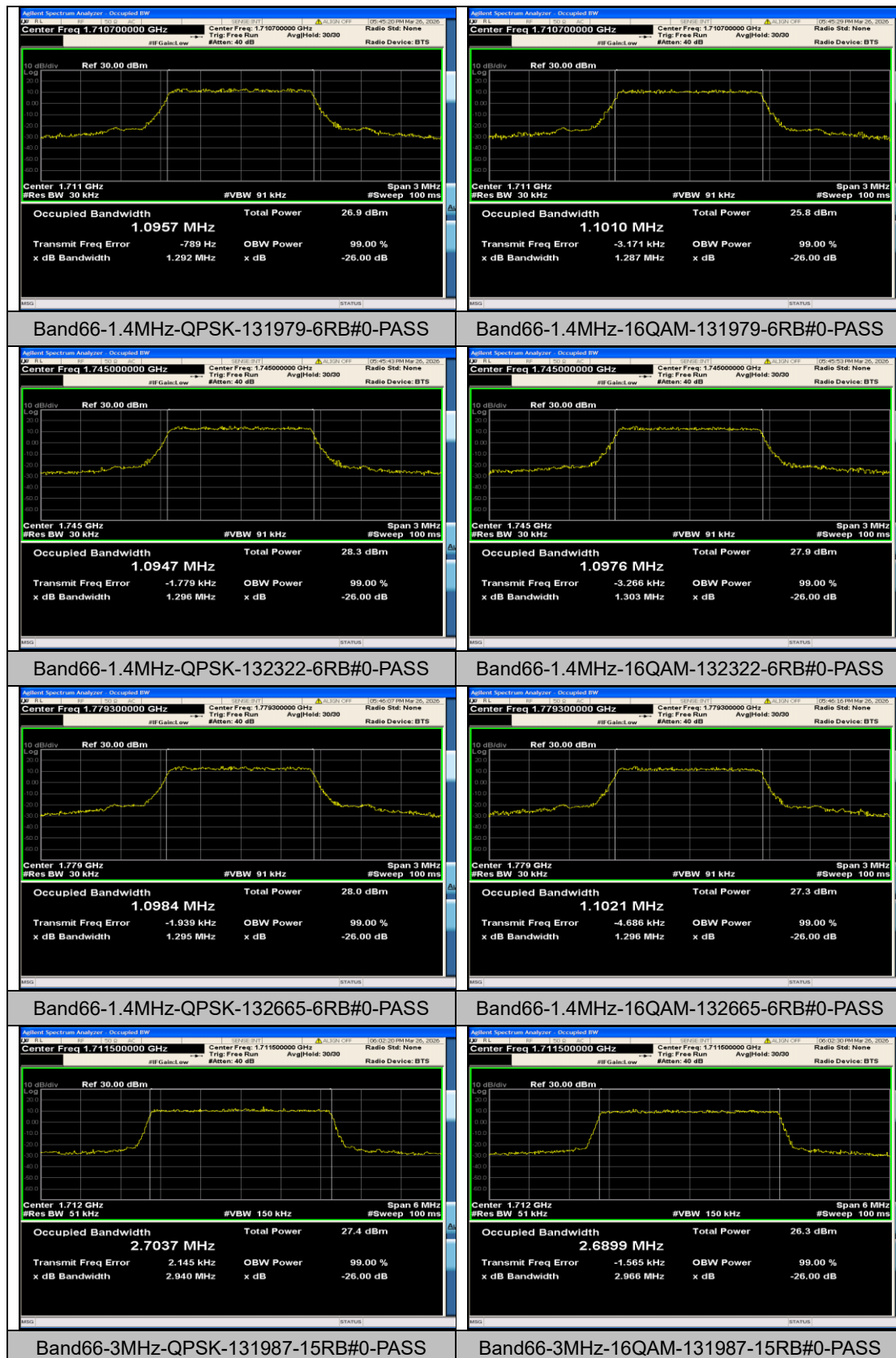


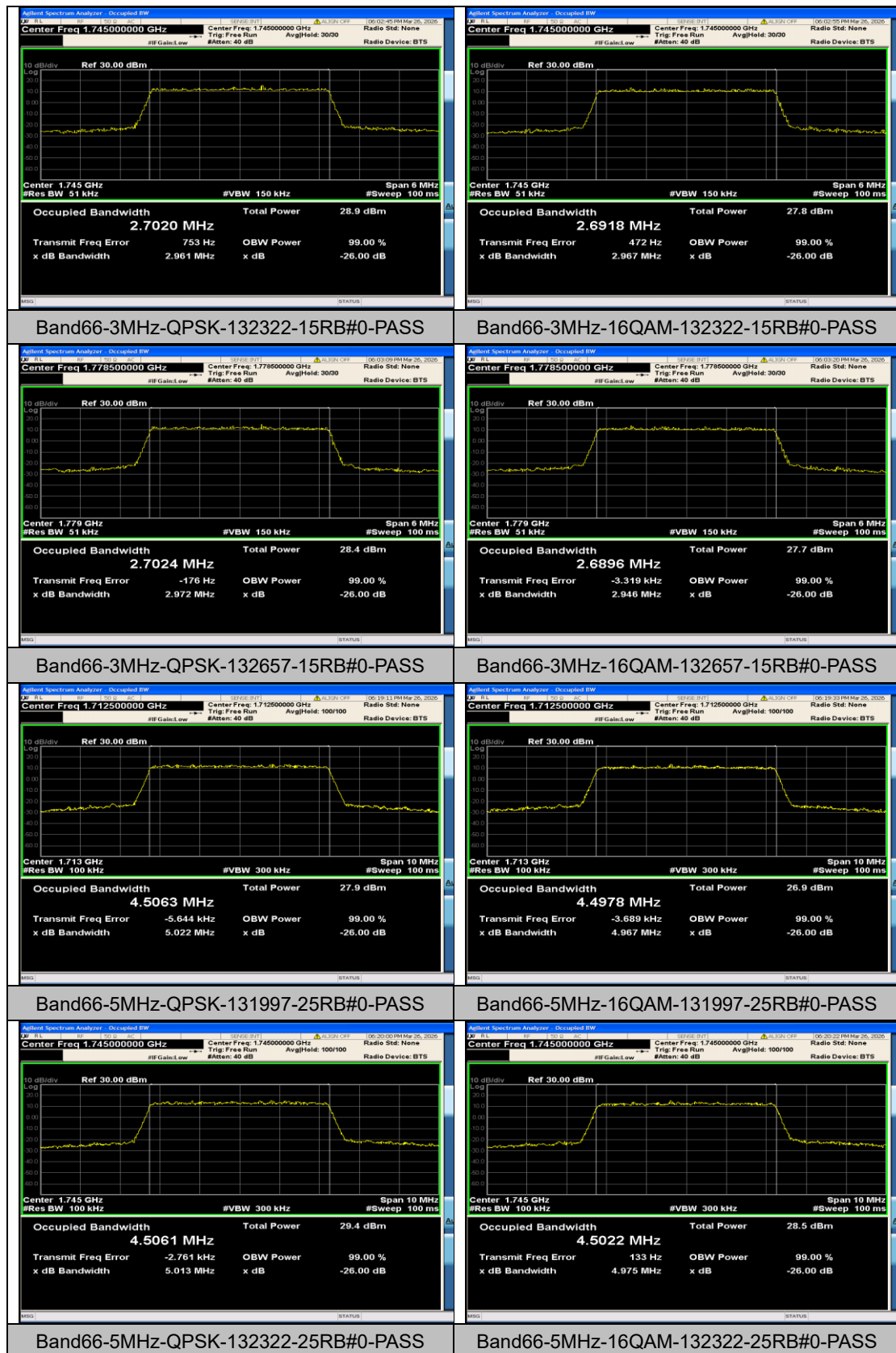
Appendix C: 26dB Bandwidth and Occupied Bandwidth

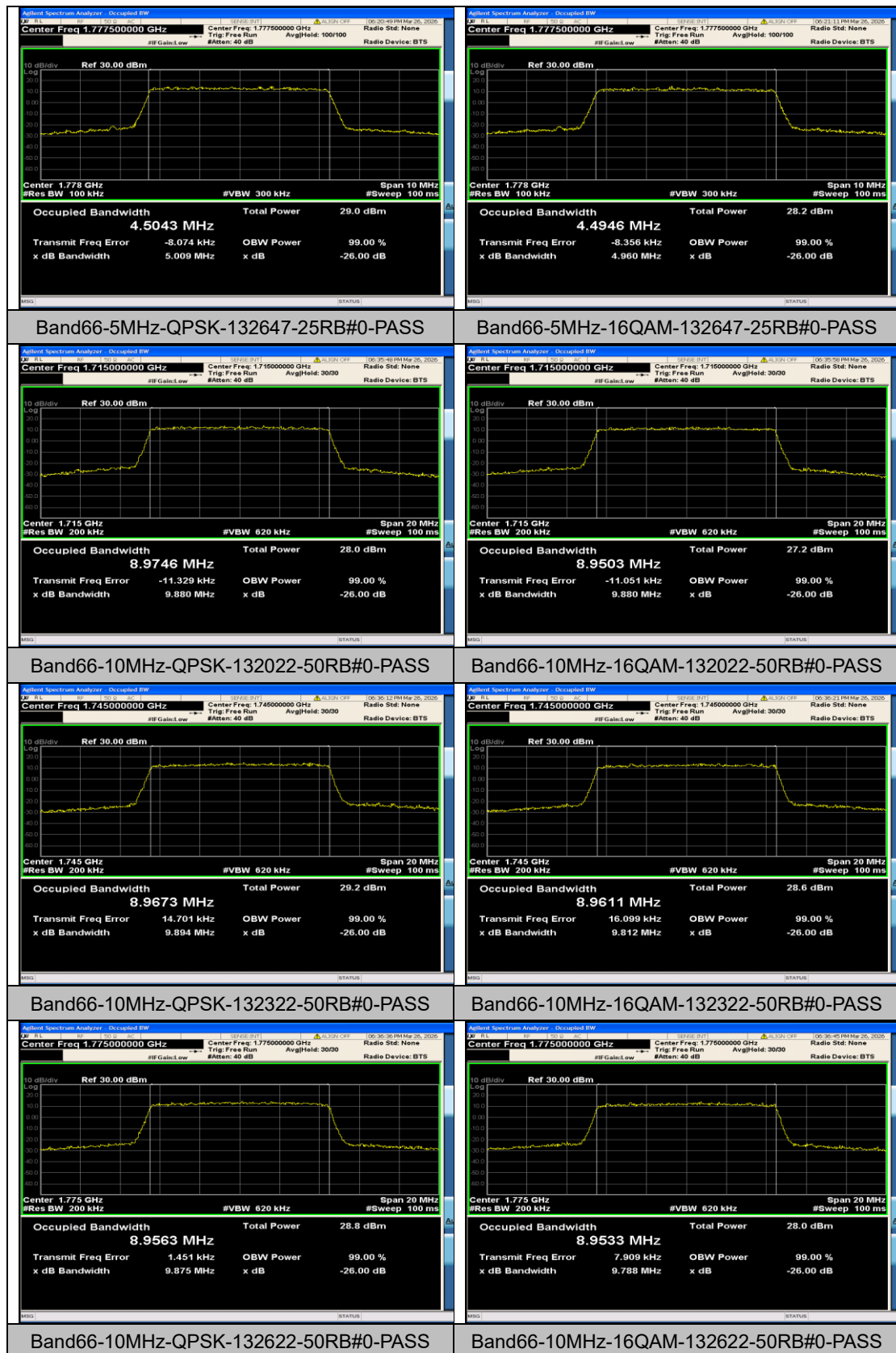
Test Result

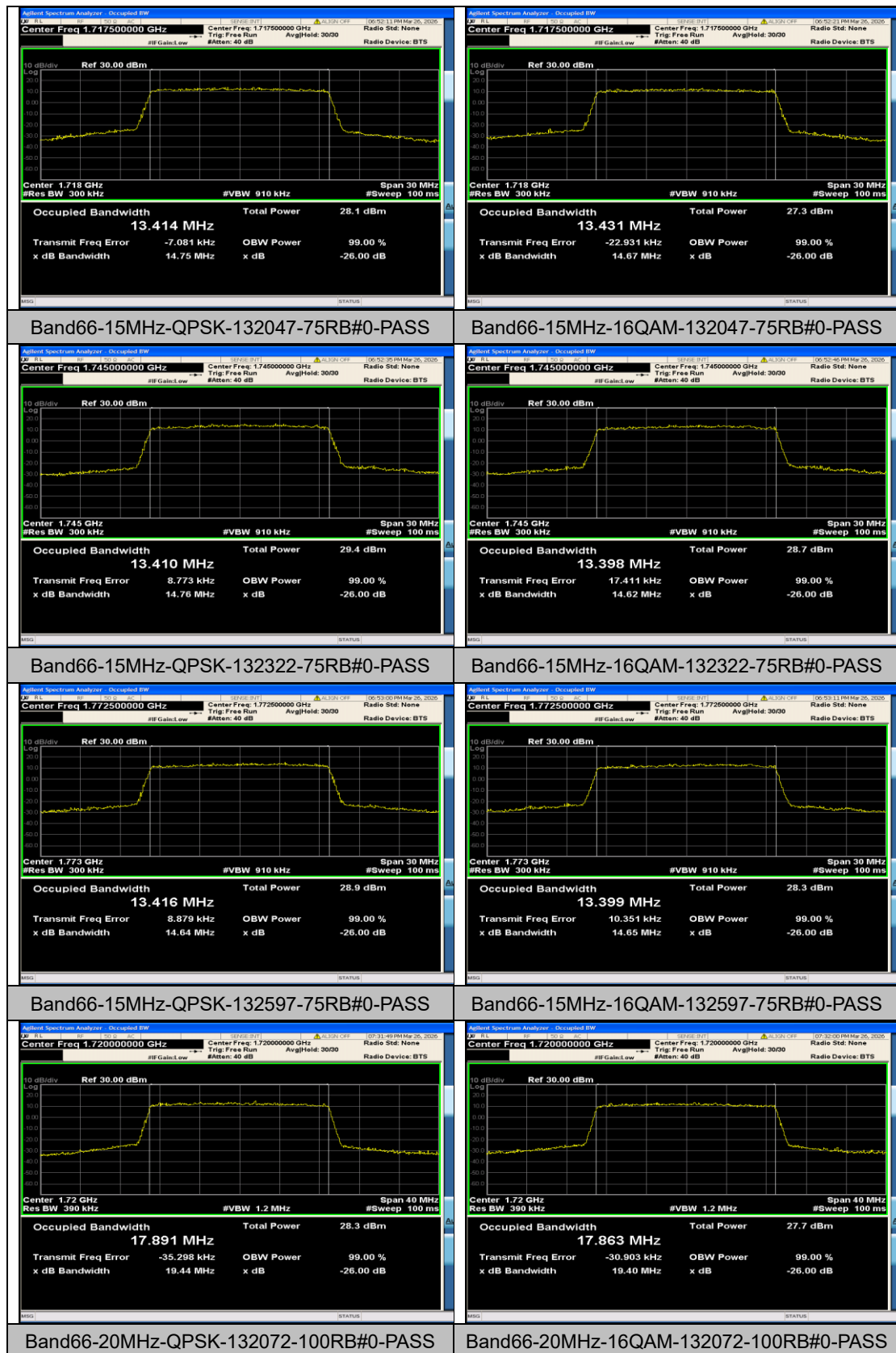
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0957	1.292	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1010	1.287	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0947	1.296	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0976	1.303	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0984	1.295	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1021	1.296	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7037	2.940	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6899	2.966	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7020	2.961	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6918	2.967	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7024	2.972	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6896	2.946	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5063	5.022	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4978	4.967	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5061	5.013	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5022	4.975	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5043	5.009	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4946	4.960	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9746	9.880	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9503	9.880	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9673	9.894	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9611	9.812	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9563	9.875	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9533	9.788	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.414	14.75	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.431	14.67	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.410	14.76	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.398	14.62	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.416	14.64	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.399	14.65	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.891	19.44	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.863	19.40	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.868	19.32	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.884	19.42	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.908	19.39	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.950	19.58	PASS

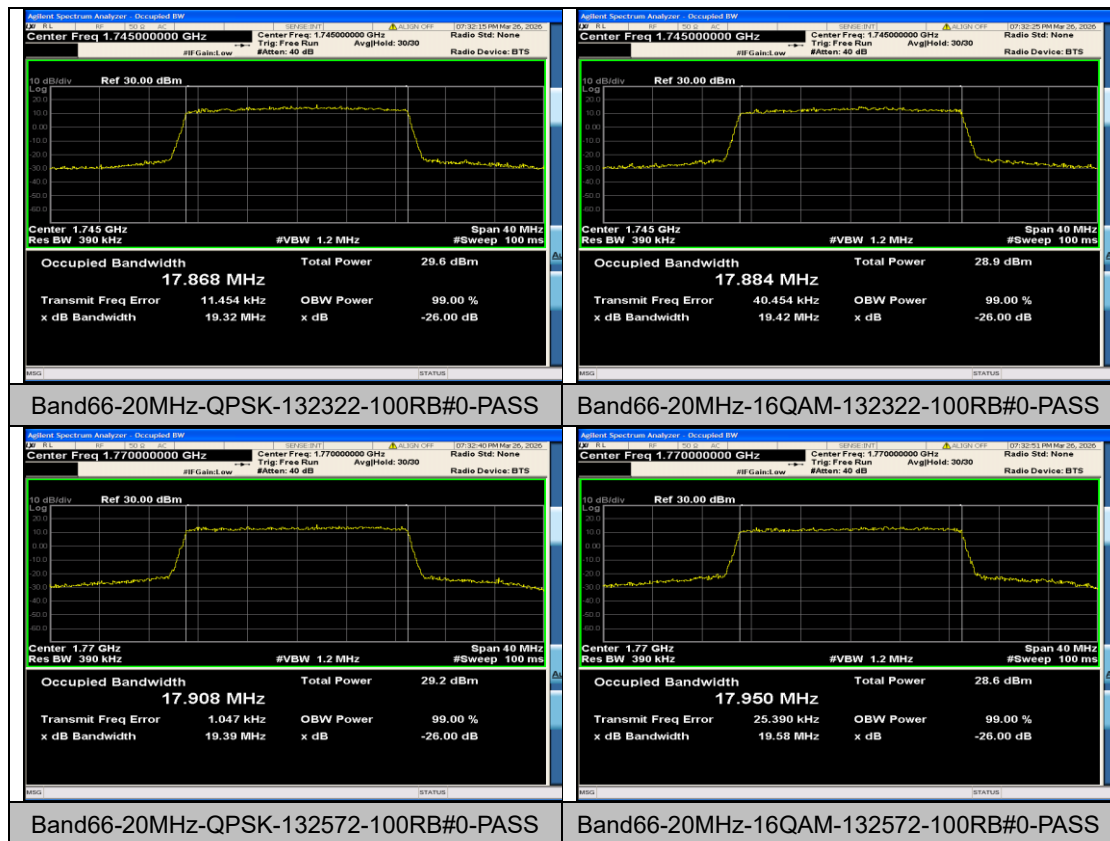
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-31.34	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-30.29	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-30.28	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-28.49	PASS
Band66	3MHz	QPSK	131987	15RB#0	-32.52	PASS
Band66	3MHz	16QAM	131987	15RB#0	-34.66	PASS
Band66	3MHz	QPSK	132657	15RB#0	-33.14	PASS
Band66	3MHz	16QAM	132657	15RB#0	-34.39	PASS
Band66	5MHz	QPSK	131997	25RB#0	-34.41	PASS
Band66	5MHz	16QAM	131997	25RB#0	-36.04	PASS
Band66	5MHz	QPSK	132647	25RB#0	-34.59	PASS
Band66	5MHz	16QAM	132647	25RB#0	-35.59	PASS
Band66	10MHz	QPSK	132022	50RB#0	-36.68	PASS
Band66	10MHz	16QAM	132022	50RB#0	-37.99	PASS
Band66	10MHz	QPSK	132622	50RB#0	-36.59	PASS
Band66	10MHz	16QAM	132622	50RB#0	-37.39	PASS
Band66	15MHz	QPSK	132047	75RB#0	-38.43	PASS
Band66	15MHz	16QAM	132047	75RB#0	-38.99	PASS
Band66	15MHz	QPSK	132597	75RB#0	-36.75	PASS
Band66	15MHz	16QAM	132597	75RB#0	-38.75	PASS
Band66	20MHz	QPSK	132072	100RB#0	-38.17	PASS
Band66	20MHz	16QAM	132072	100RB#0	-38.72	PASS
Band66	20MHz	QPSK	132572	100RB#0	-36.87	PASS
Band66	20MHz	16QAM	132572	100RB#0	-37.62	PASS

Test Graphs

