

FCC LTE Band Test Data

FCC ID : 2AVYL-ZEUSS68

Company: : Shenzhen Eternity Technology Co., Ltd

EUT : smart phone

Model Number : ZEUSS68

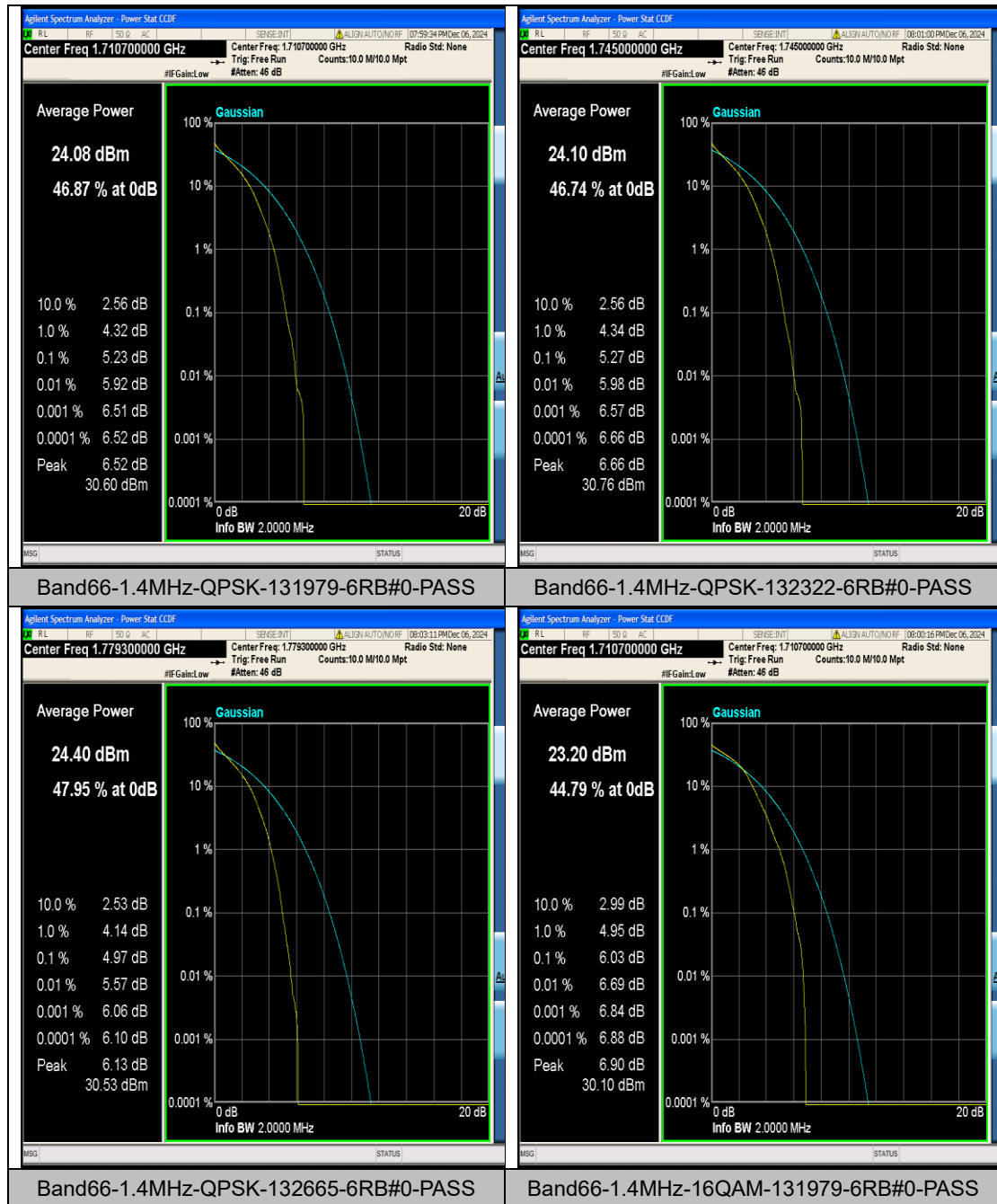
Reviewed By : Eric Wang

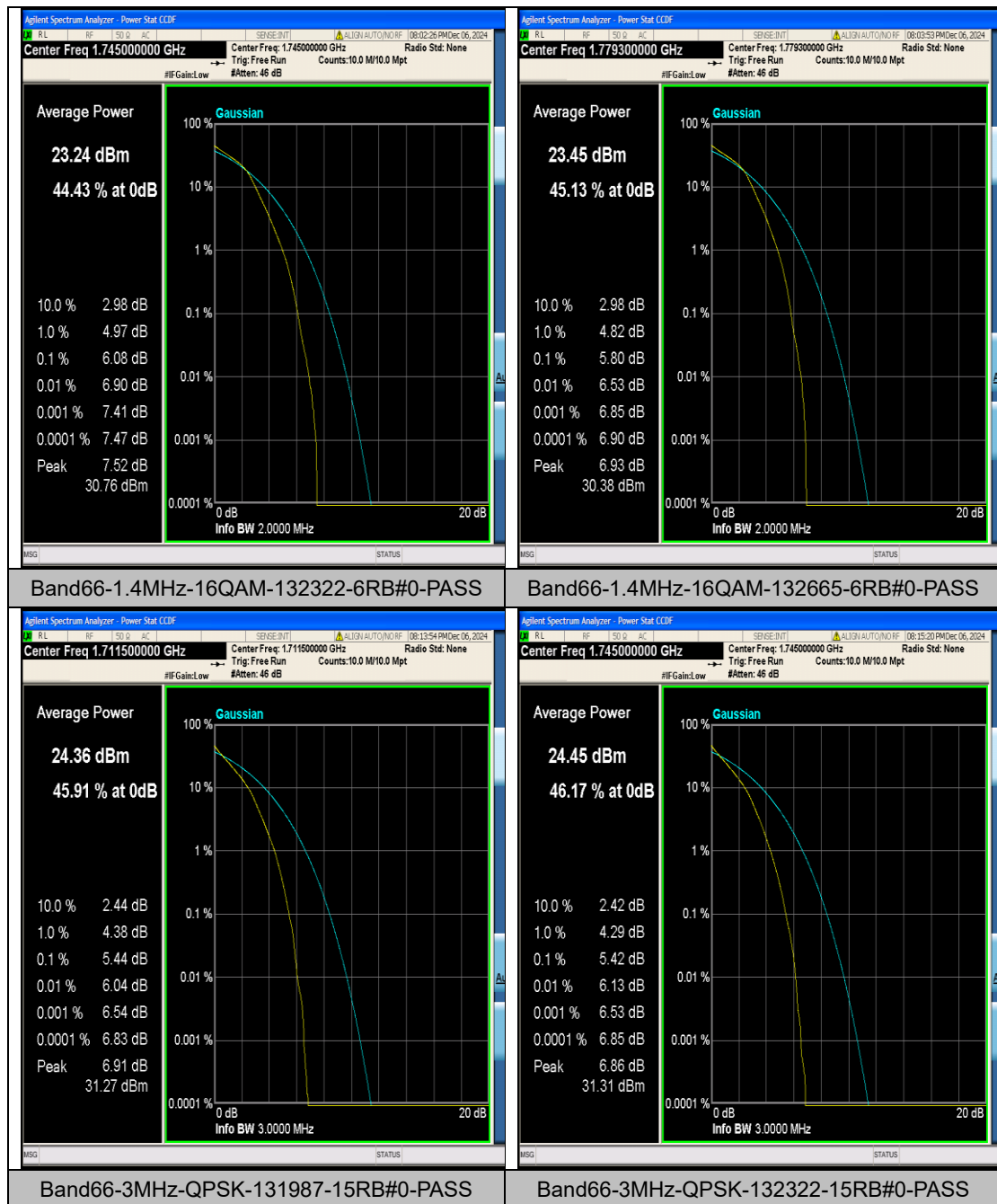
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

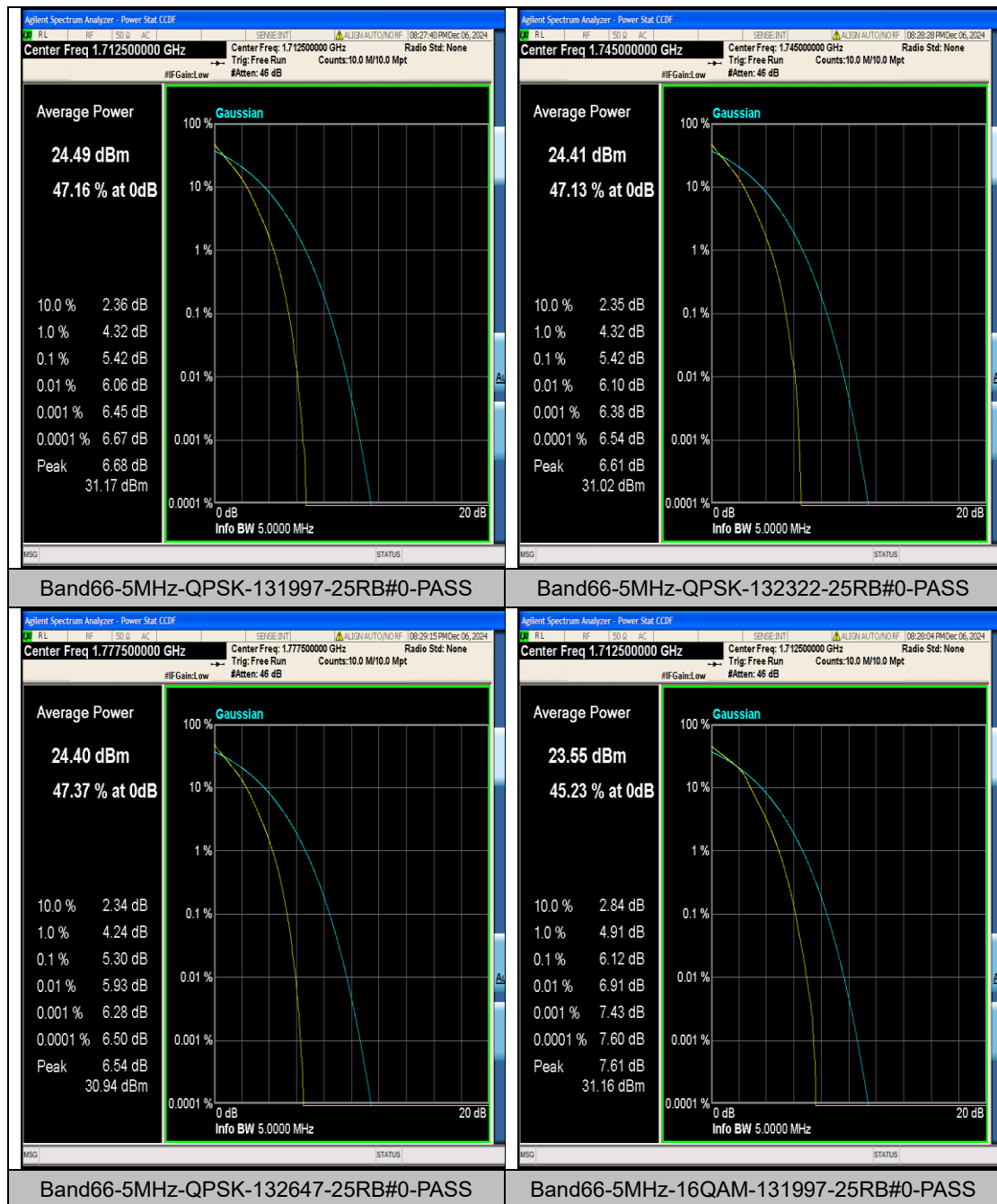
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.23	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.27	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.97	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.03	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.08	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.80	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.44	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.42	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.24	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.15	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.19	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.17	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.42	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.42	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.30	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.12	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.13	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.00	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.49	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.47	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.33	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.25	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.18	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	6.08	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.81	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.77	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.61	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.29	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.28	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.14	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.56	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.52	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.37	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.32	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.23	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.10	13	PASS

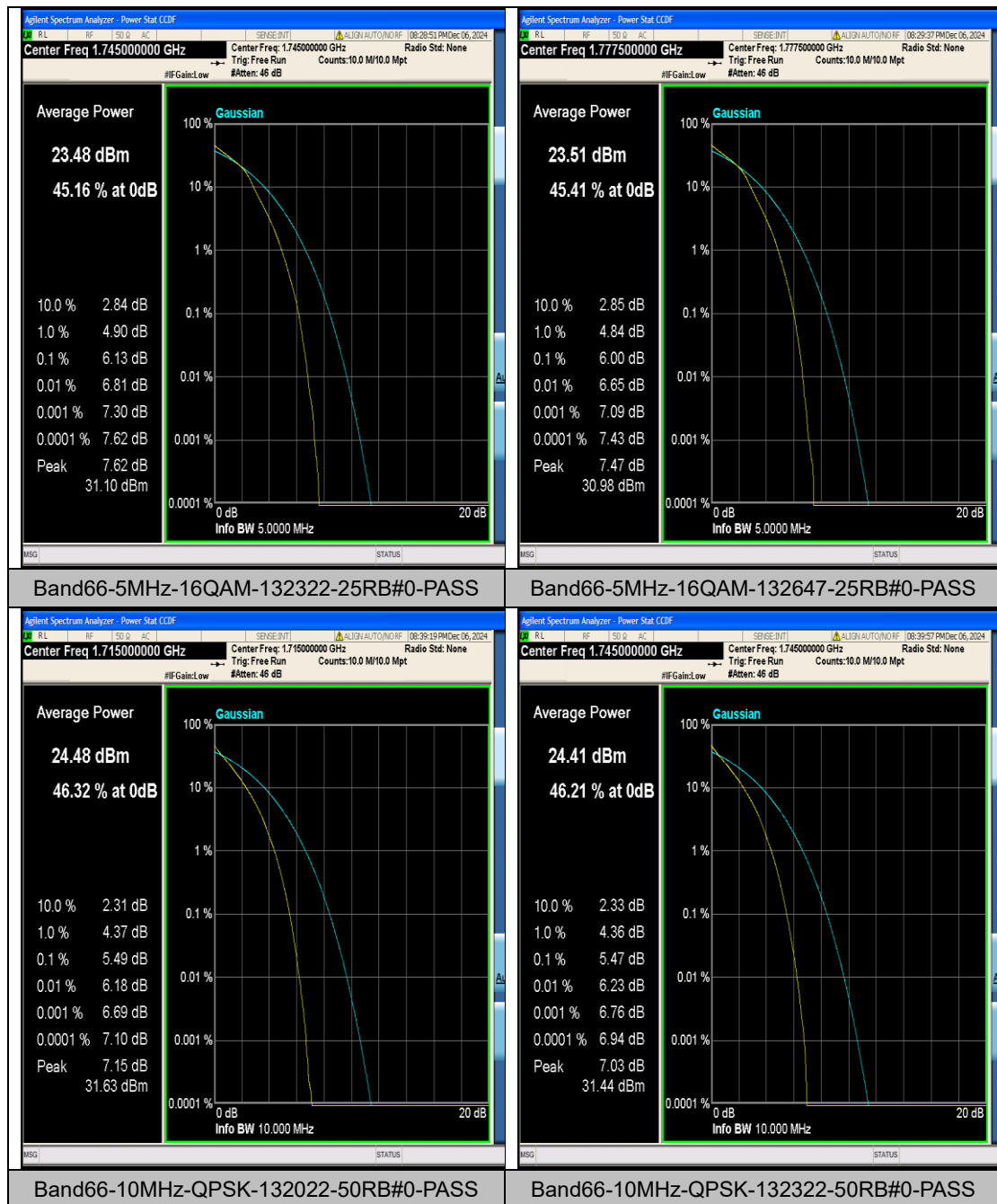
Test Graphs

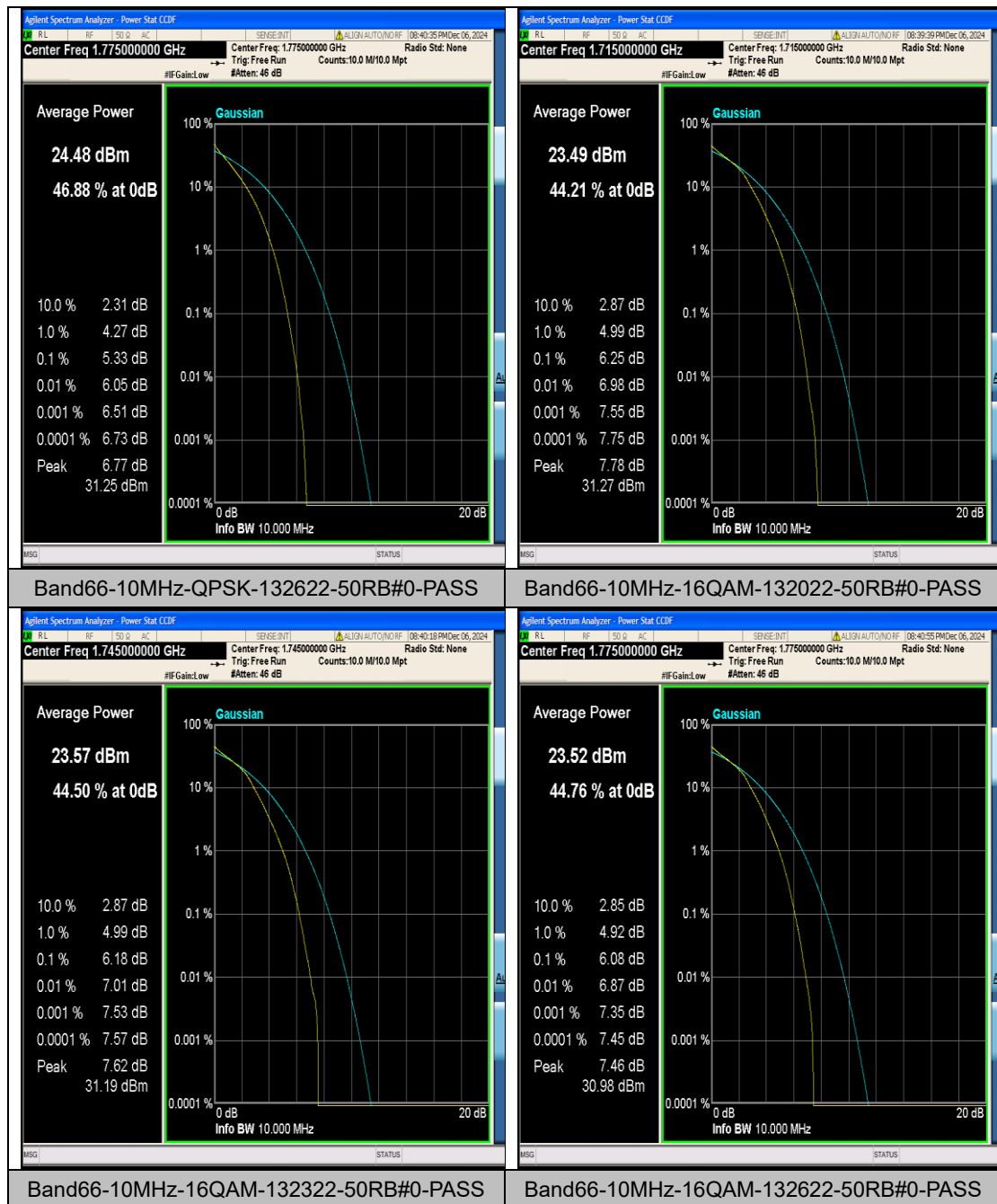


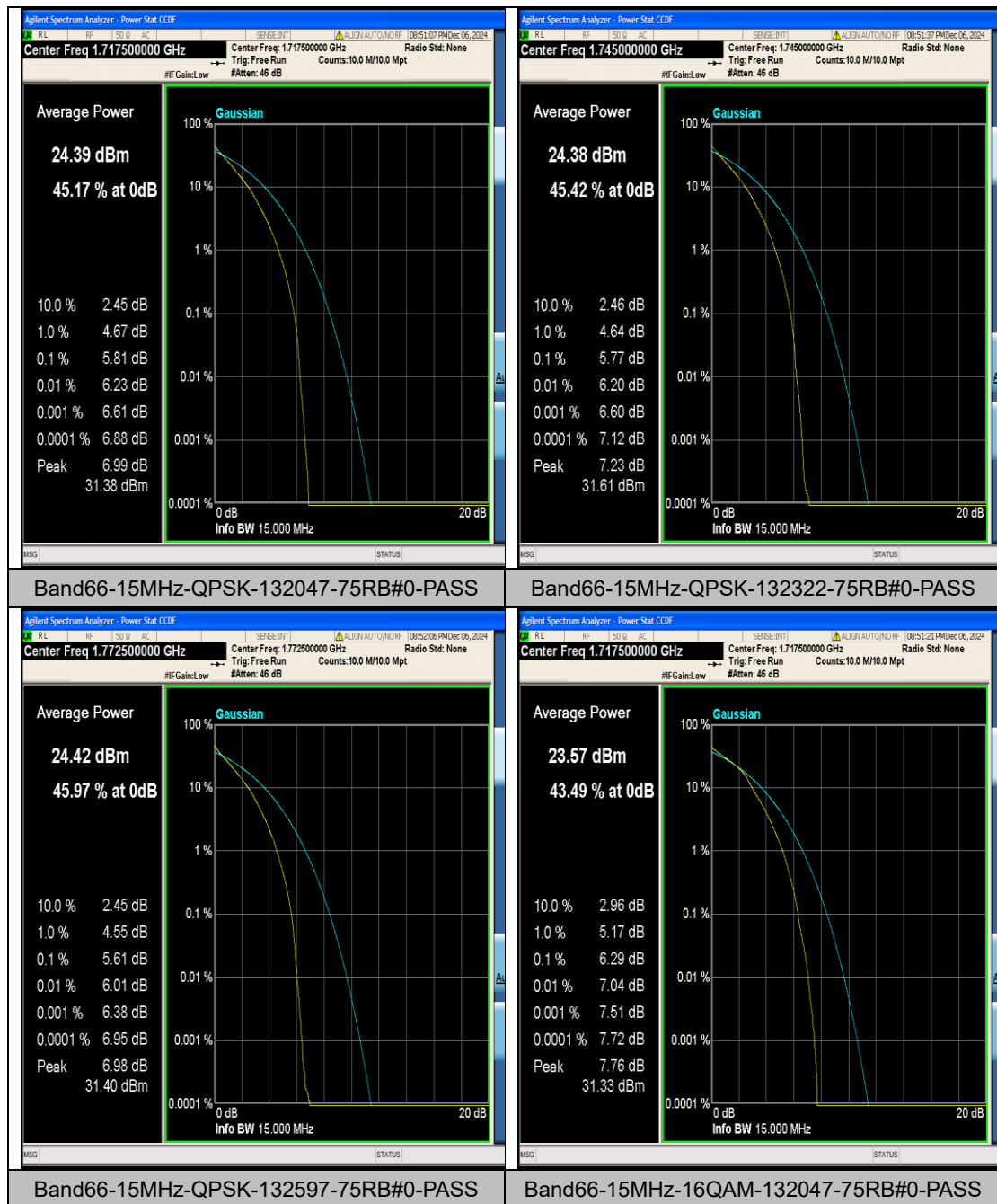




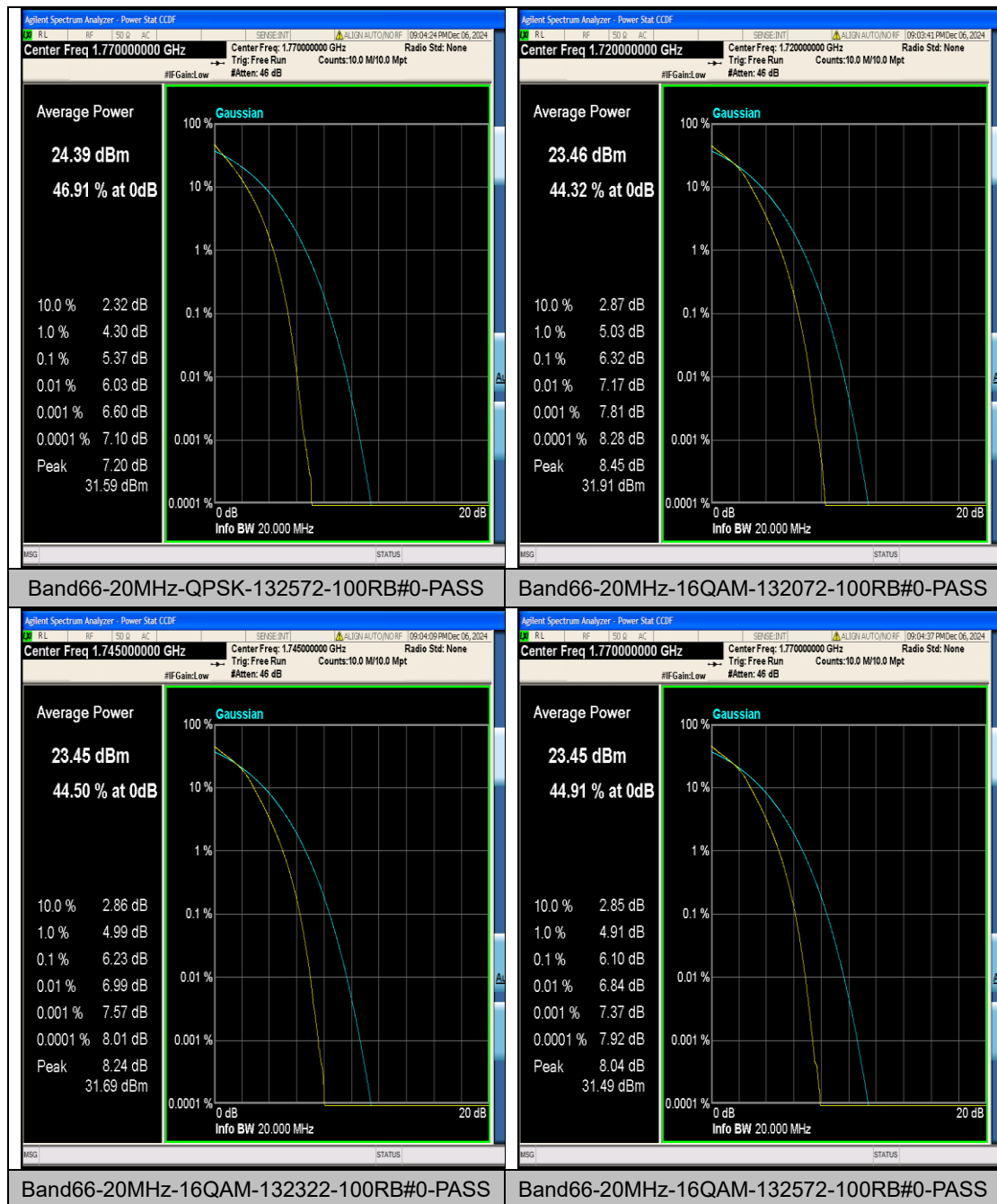












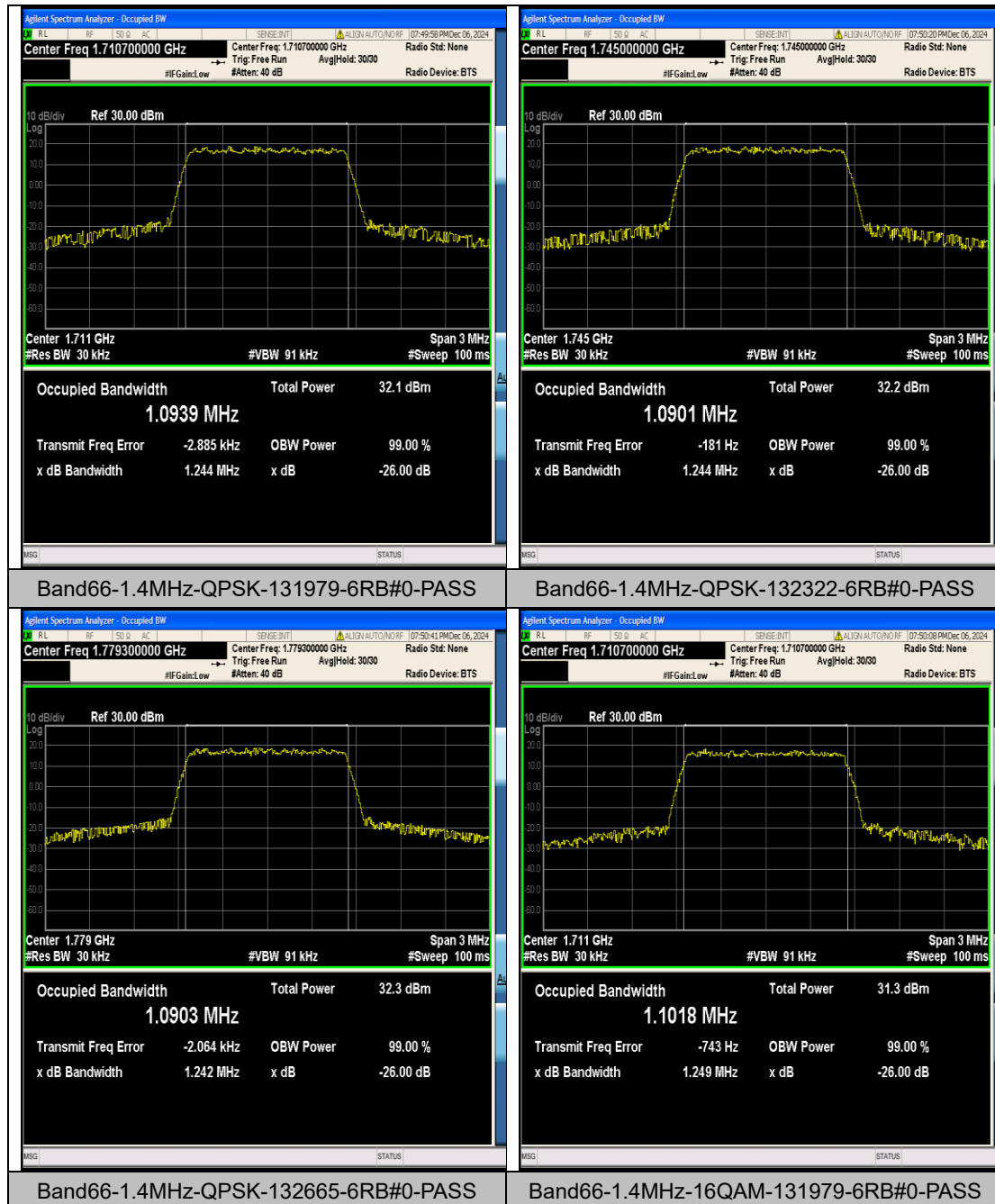
Appendix C: 26dB Bandwidth and Occupied Bandwidth

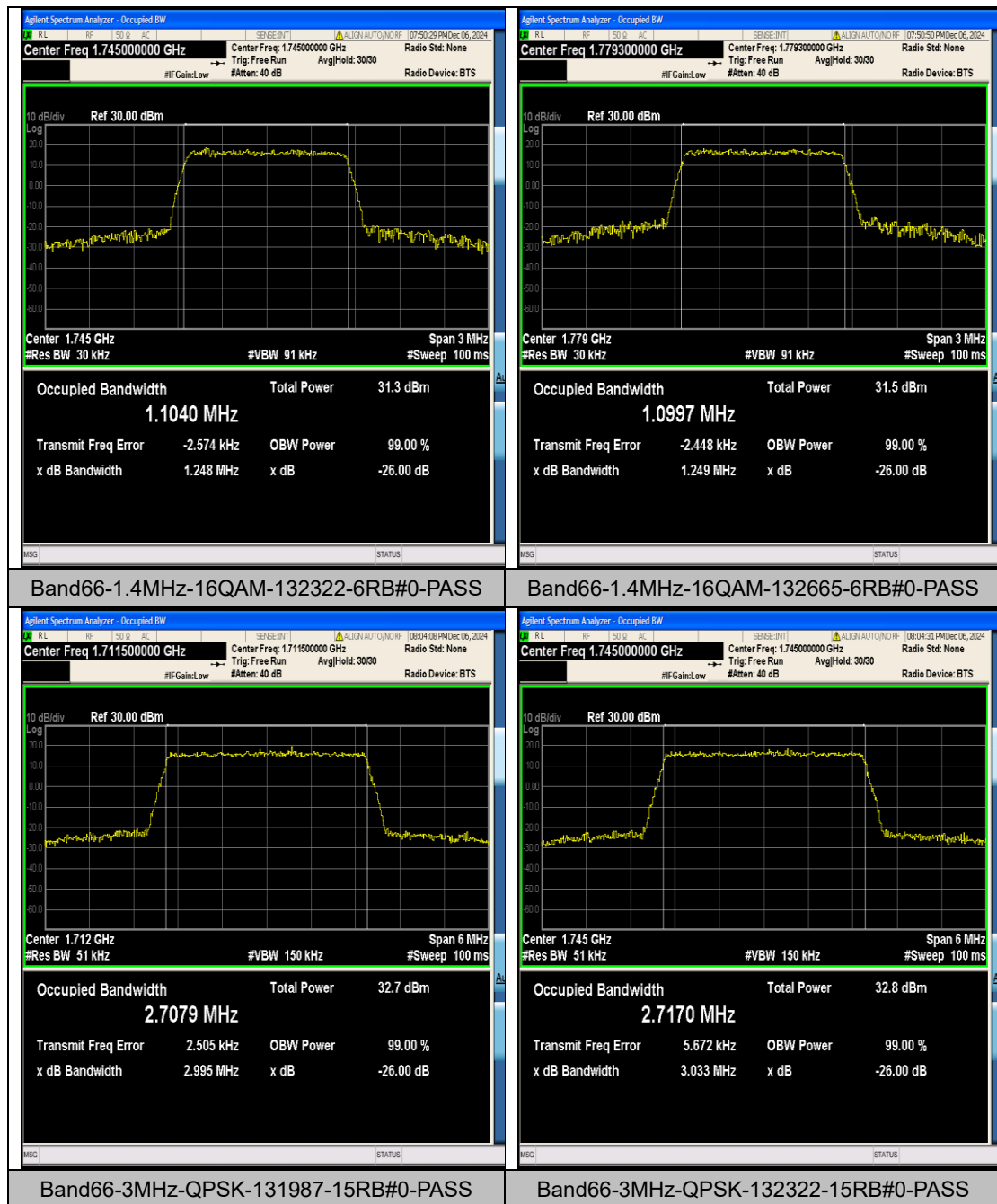
Test Result

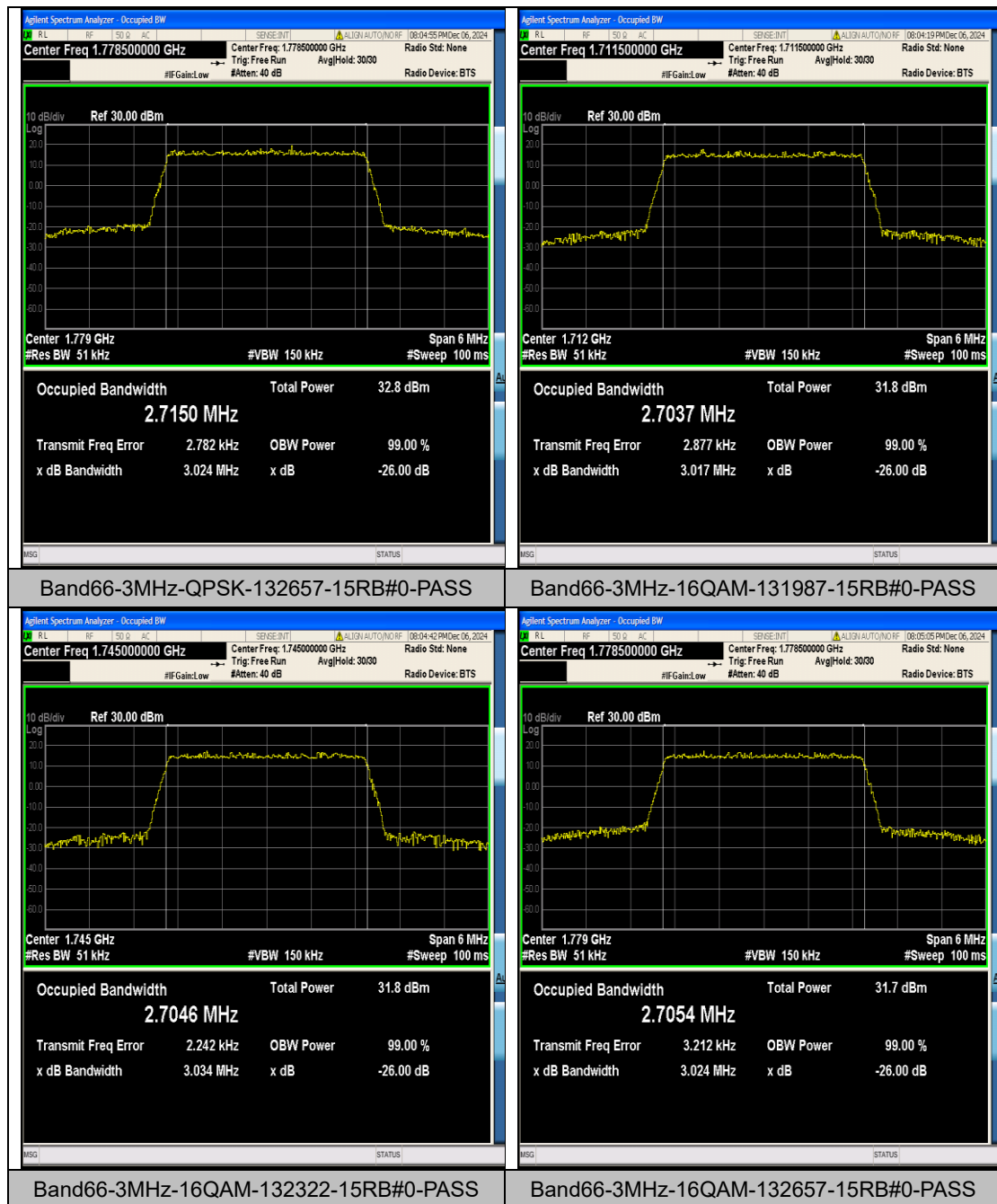
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0939	1.244	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0901	1.244	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0903	1.242	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1018	1.249	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1040	1.248	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0997	1.249	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7079	2.995	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7170	3.033	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7150	3.024	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.7037	3.017	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.7046	3.034	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7054	3.024	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5022	4.983	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5091	4.969	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5076	4.973	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5022	4.977	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5000	4.968	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5031	4.965	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9872	9.878	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9966	9.891	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0009	9.877	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9862	9.901	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9905	9.920	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9902	9.919	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.508	14.96	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.510	14.91	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.494	14.98	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.482	14.93	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.508	14.97	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.508	14.93	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.985	19.70	PASS
Band66	20MHz	QPSK	132322	100RB#0	18.011	19.79	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.998	19.69	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.023	22.00	PASS

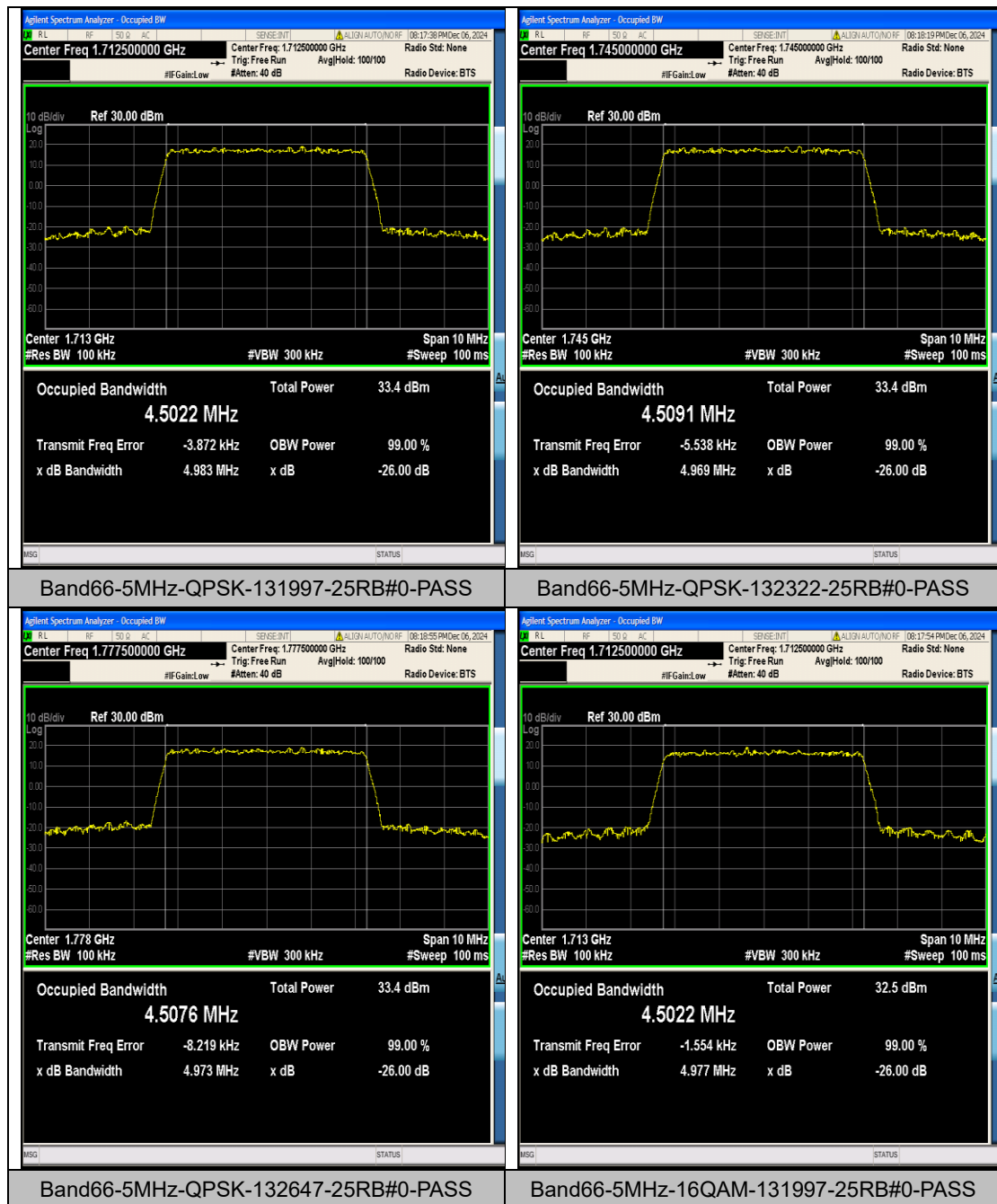
Band66	20MHz	16QAM	132322	100RB#0	18.044	19.70	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.008	19.71	PASS

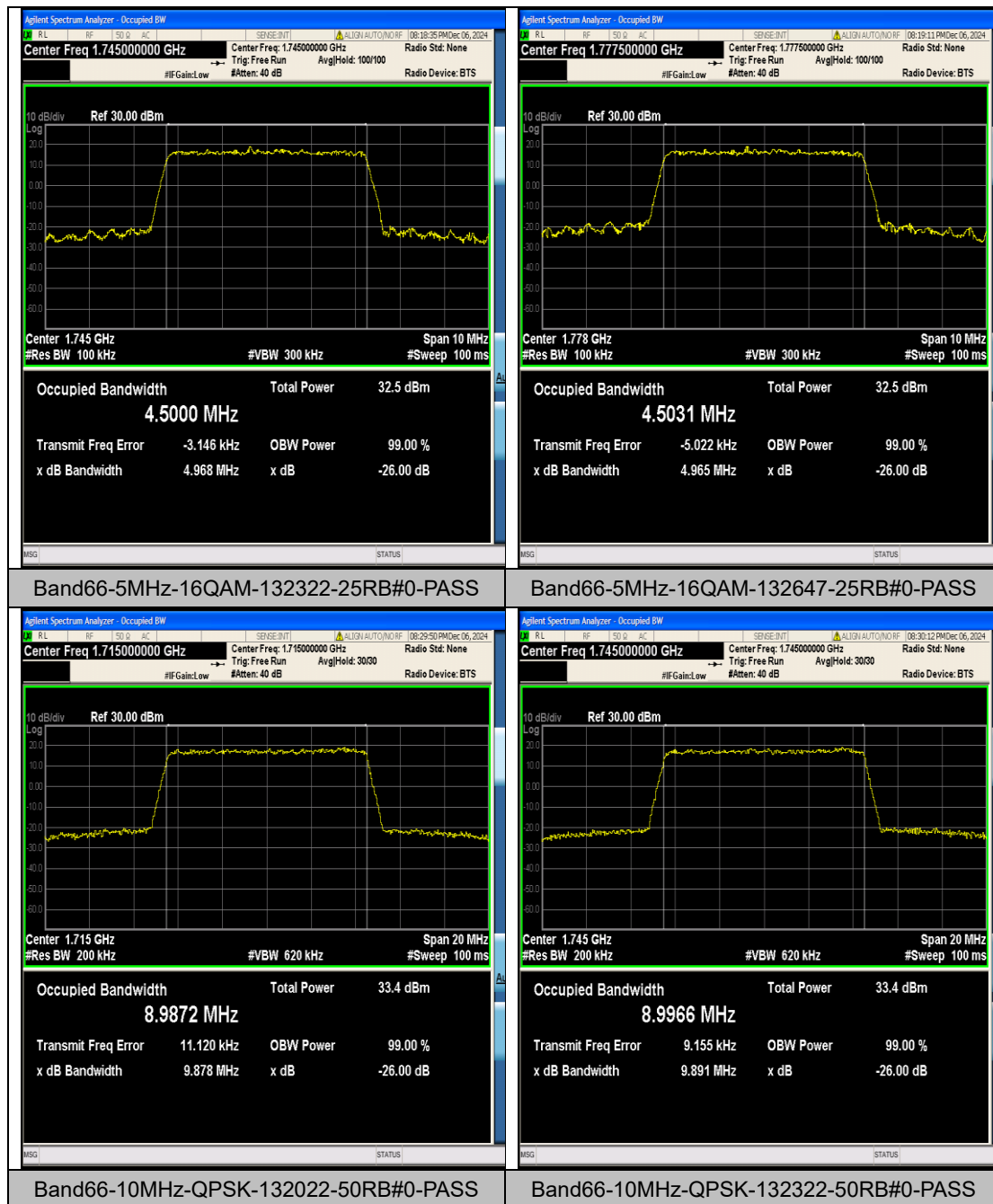
Test Graphs

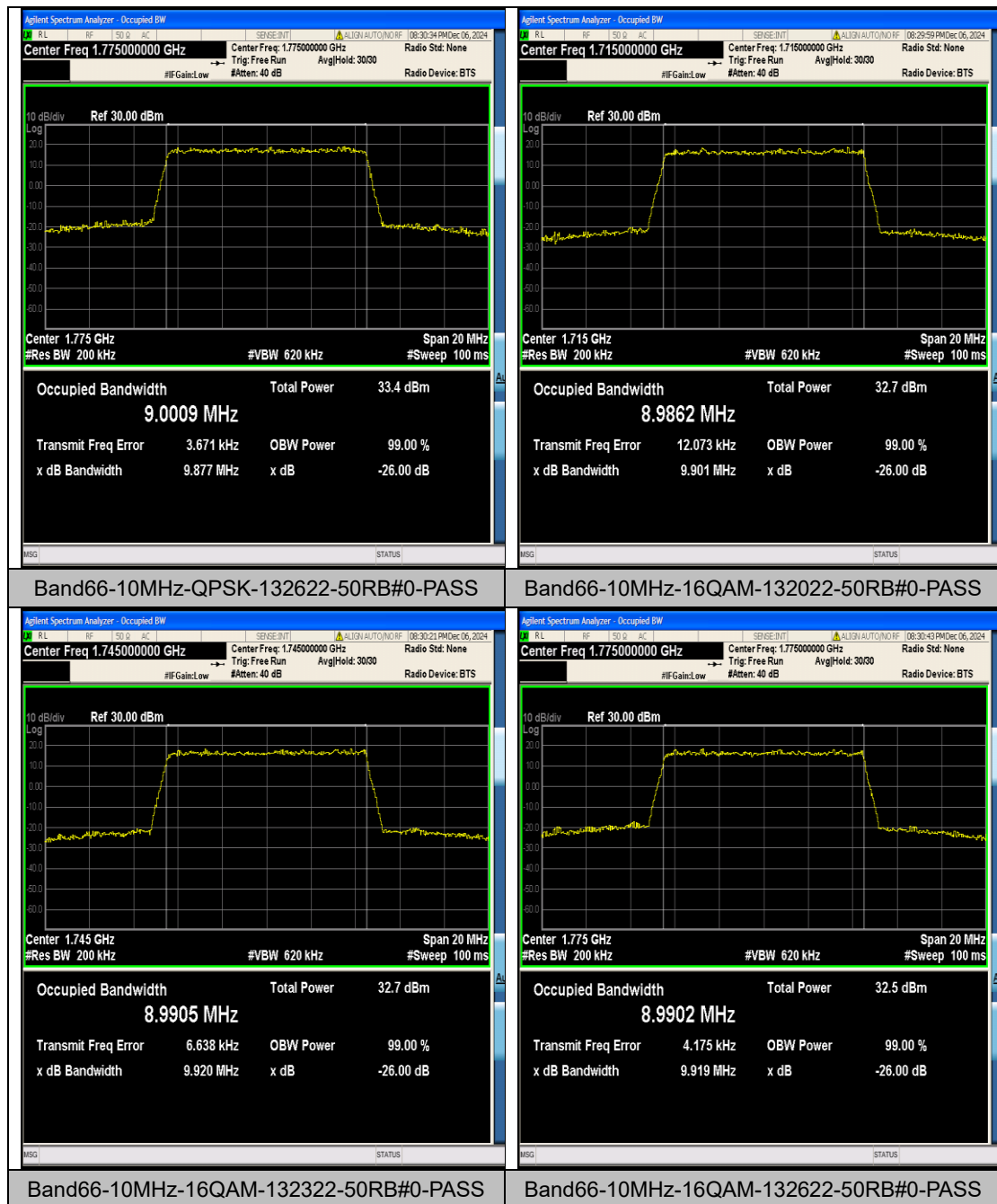


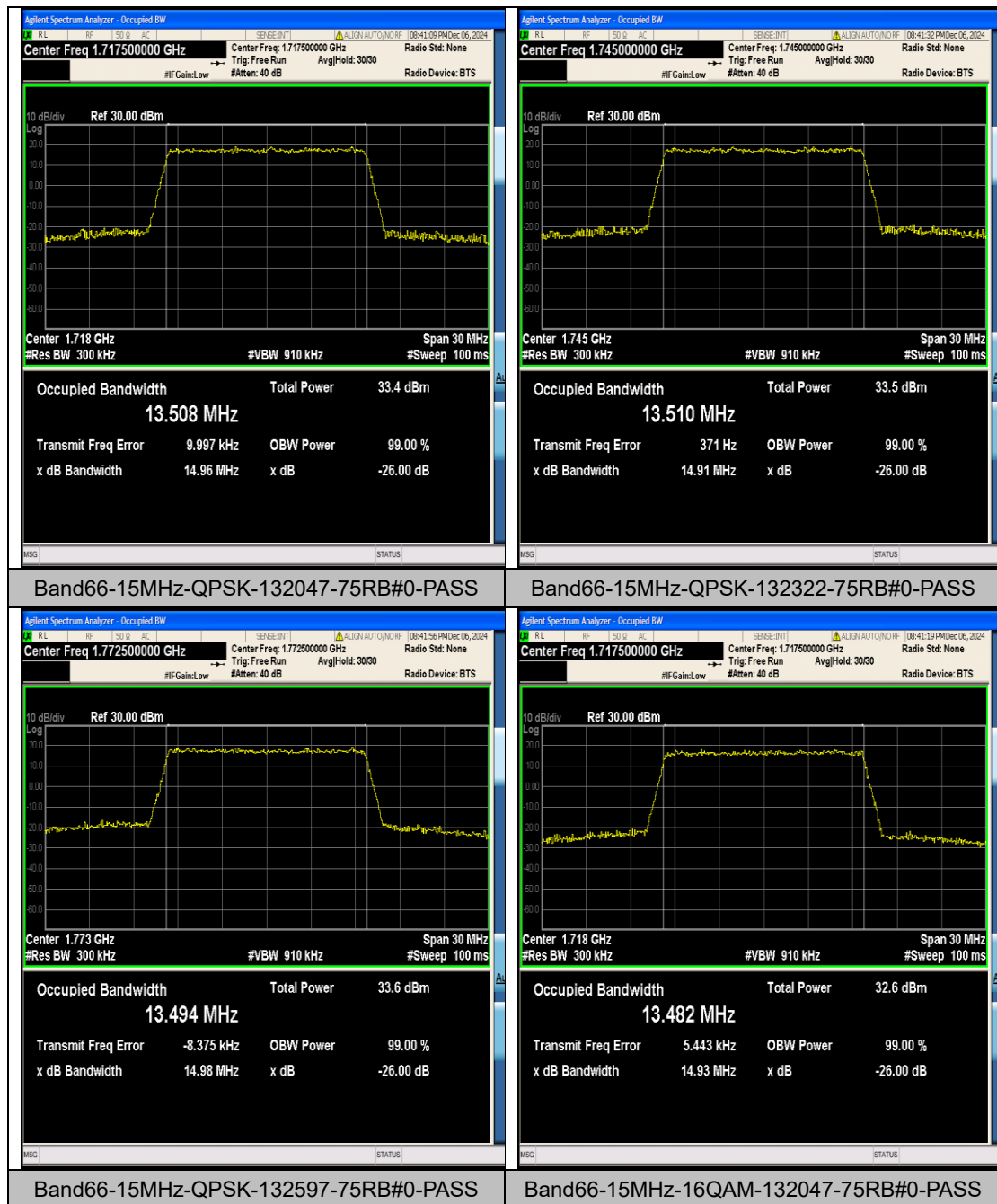


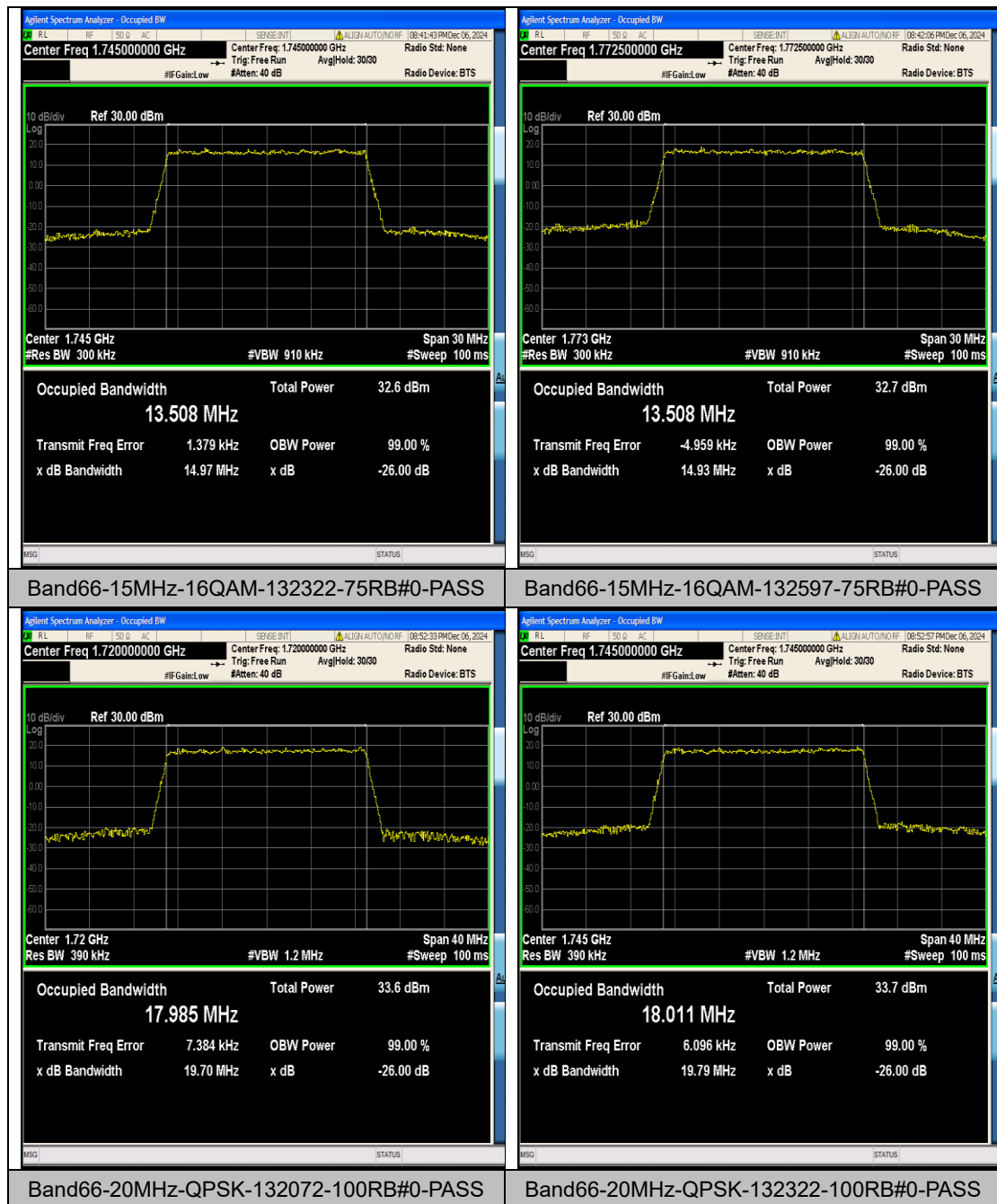


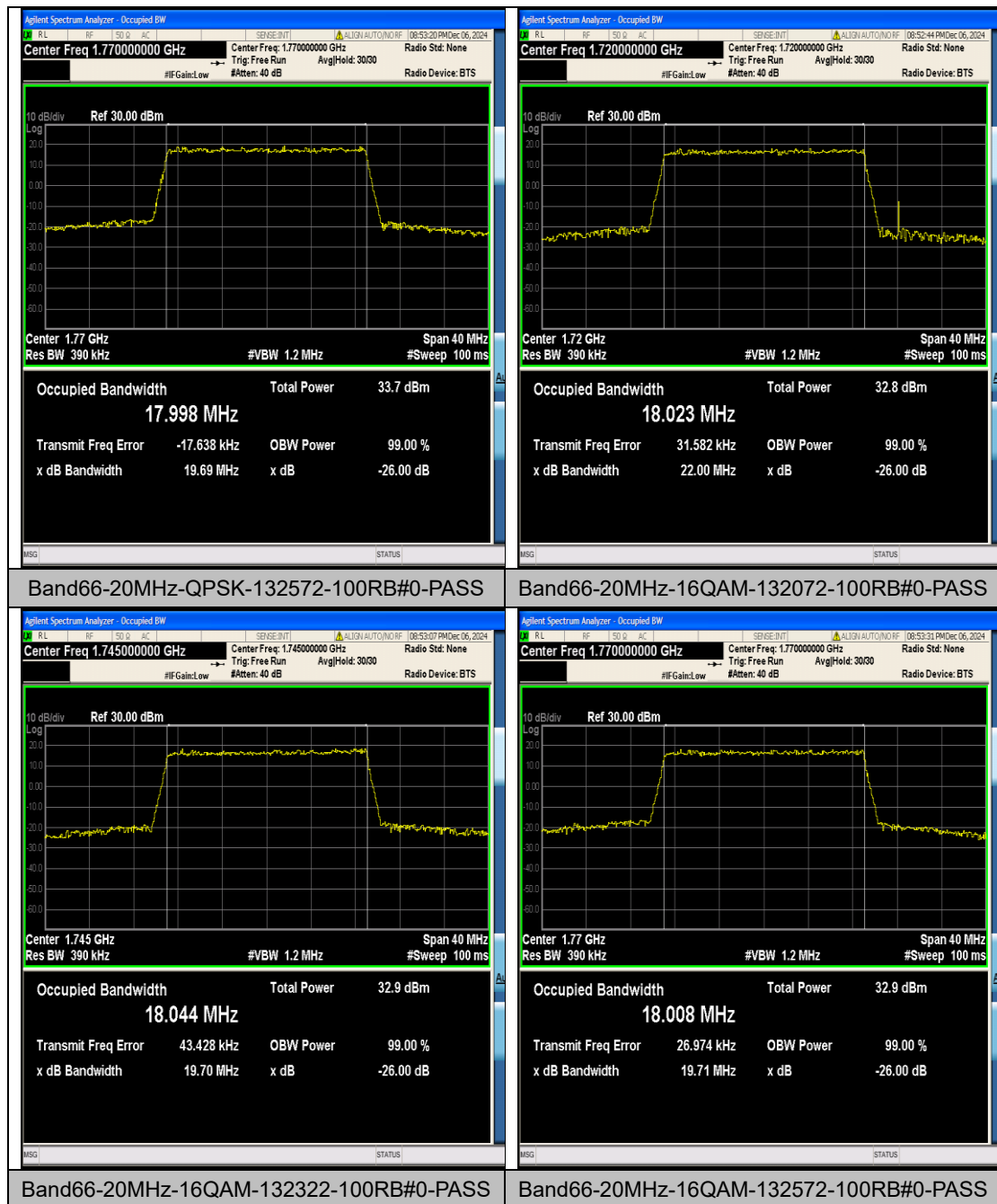












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-31.03	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-26.62	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-32.75	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-32.54	PASS
Band66	3MHz	QPSK	131987	15RB#0	-26.34	PASS
Band66	3MHz	QPSK	132657	15RB#0	-27.62	PASS
Band66	3MHz	16QAM	131987	15RB#0	-29.46	PASS
Band66	3MHz	16QAM	132657	15RB#0	-29.11	PASS
Band66	5MHz	QPSK	131997	25RB#0	-30.50	PASS
Band66	5MHz	QPSK	132647	25RB#0	-30.08	PASS
Band66	5MHz	16QAM	131997	25RB#0	-31.30	PASS
Band66	5MHz	16QAM	132647	25RB#0	-32.38	PASS
Band66	10MHz	QPSK	132022	50RB#0	-31.85	PASS
Band66	10MHz	QPSK	132622	50RB#0	-31.55	PASS
Band66	10MHz	16QAM	132022	50RB#0	-33.40	PASS
Band66	10MHz	16QAM	132622	50RB#0	-34.63	PASS
Band66	15MHz	QPSK	132047	75RB#0	-31.26	PASS
Band66	15MHz	QPSK	132597	75RB#0	-30.48	PASS
Band66	15MHz	16QAM	132047	75RB#0	-33.17	PASS
Band66	15MHz	16QAM	132597	75RB#0	-34.19	PASS
Band66	20MHz	QPSK	132072	100RB#0	-33.21	PASS
Band66	20MHz	QPSK	132572	100RB#0	-33.32	PASS
Band66	20MHz	16QAM	132072	100RB#0	-34.49	PASS
Band66	20MHz	16QAM	132572	100RB#0	-35.06	PASS

Test Graphs

