

FCC Appendix RF Test Data for LTE Band 66

Company: : Gastor Pty Ltd

EUT : GPS tracker

Model Number : AG45

FCC ID : 2BU7Q-AG45

Report No. : CTA26031300114

Reviewed By : Eric Wang

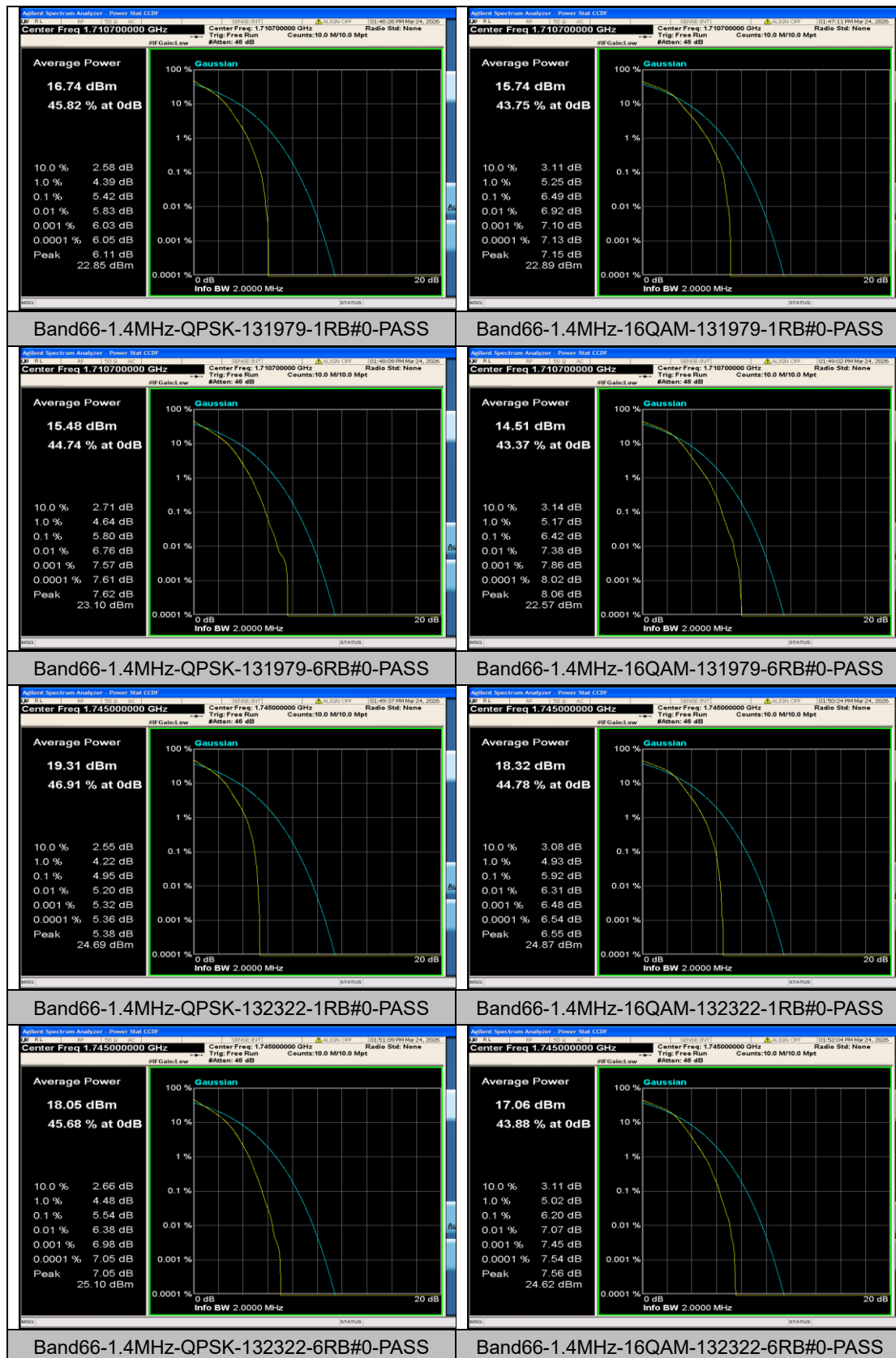
Appendix B: Peak-to-Average Ratio(CCDF)

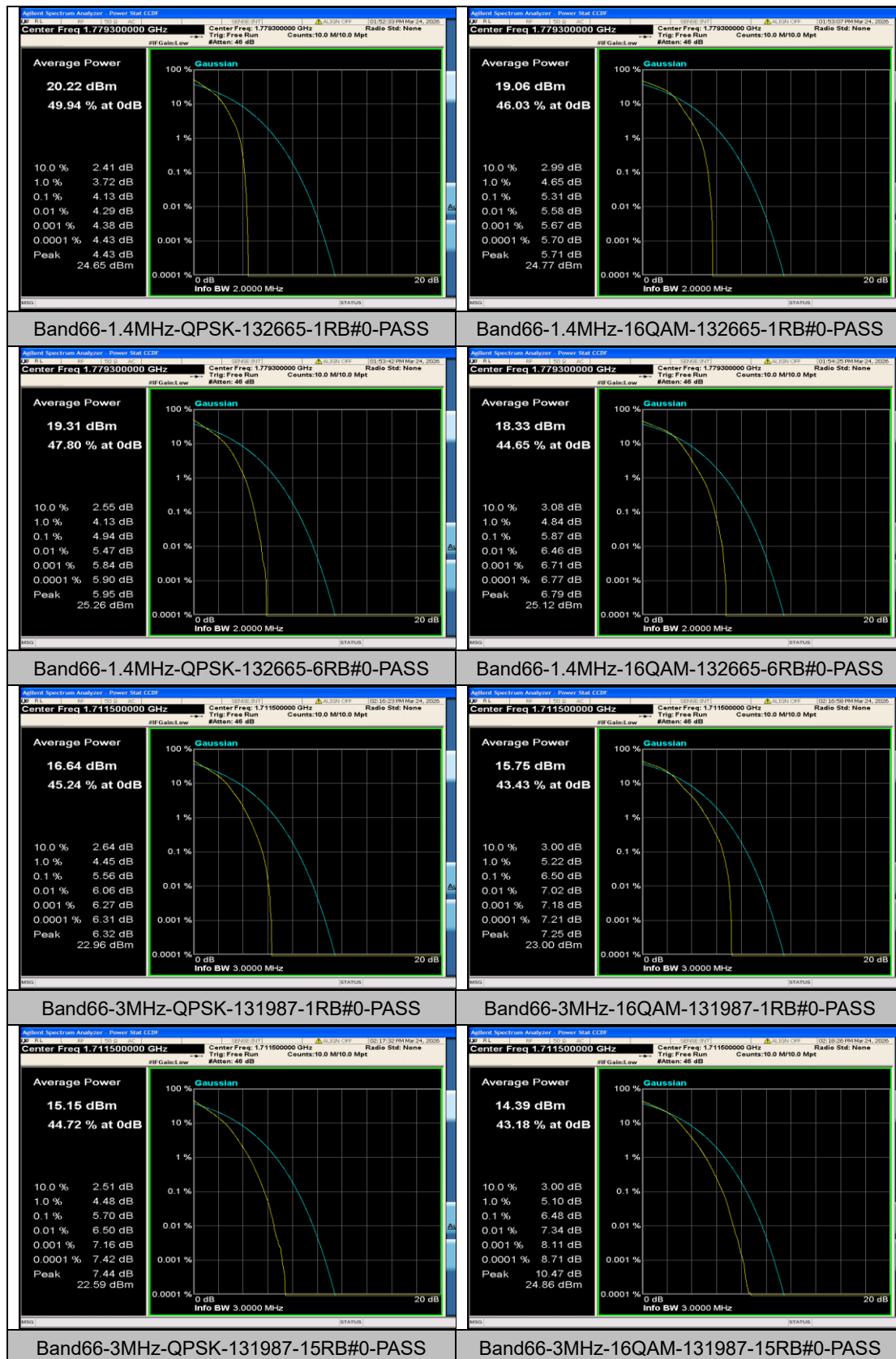
Test Result

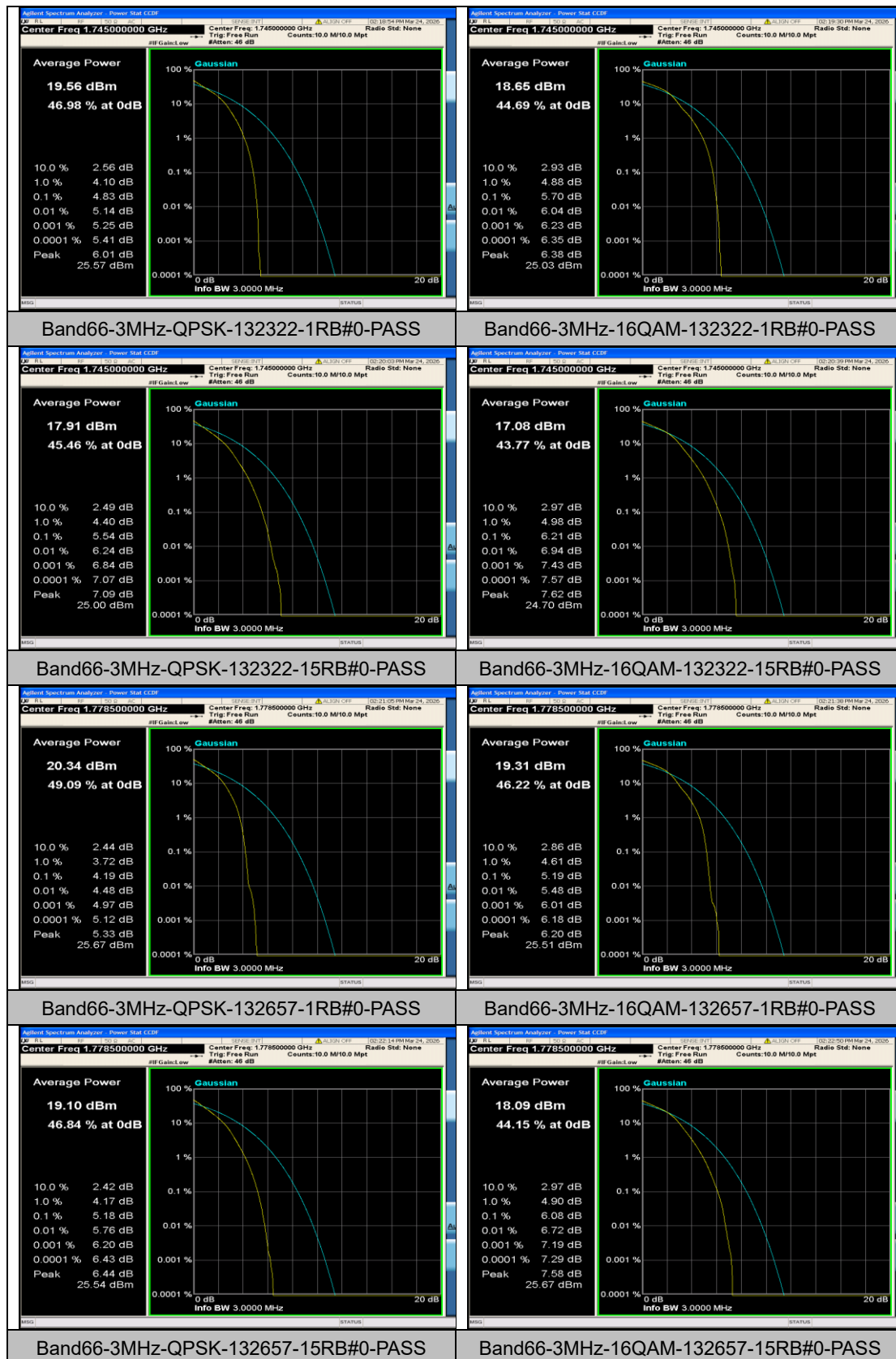
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	5.42	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	6.49	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.80	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.42	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	4.95	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	5.92	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.54	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.20	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	4.13	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	5.31	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.94	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.87	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	5.56	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	6.50	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.70	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.48	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	4.83	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	5.70	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.54	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.21	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	4.19	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	5.19	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.18	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.08	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	5.59	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	6.20	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.92	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.47	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	4.87	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.65	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.69	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.36	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	6.60	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	5.50	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.38	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.20	13	PASS

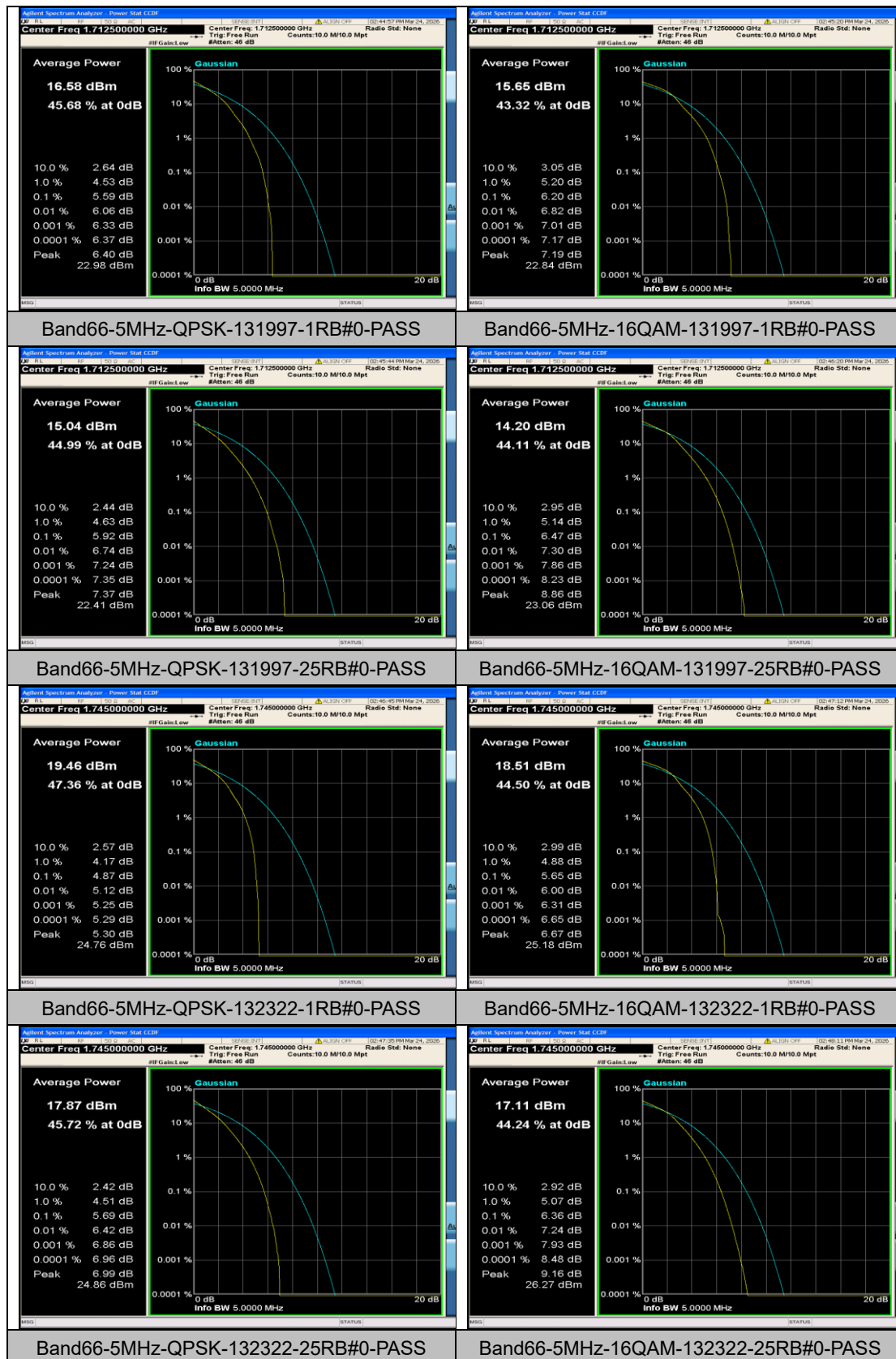
Band66	10MHz	QPSK	132022	1RB#0	5.44	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	6.13	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	4.66	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	5.55	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	5.35	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	6.22	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.79	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.80	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.84	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	5.50	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	6.45	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	4.76	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	5.71	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	5.58	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	6.35	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	6.12	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	6.46	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	6.59	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	5.41	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	5.83	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	6.48	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.77	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	6.49	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	6.27	13	PASS

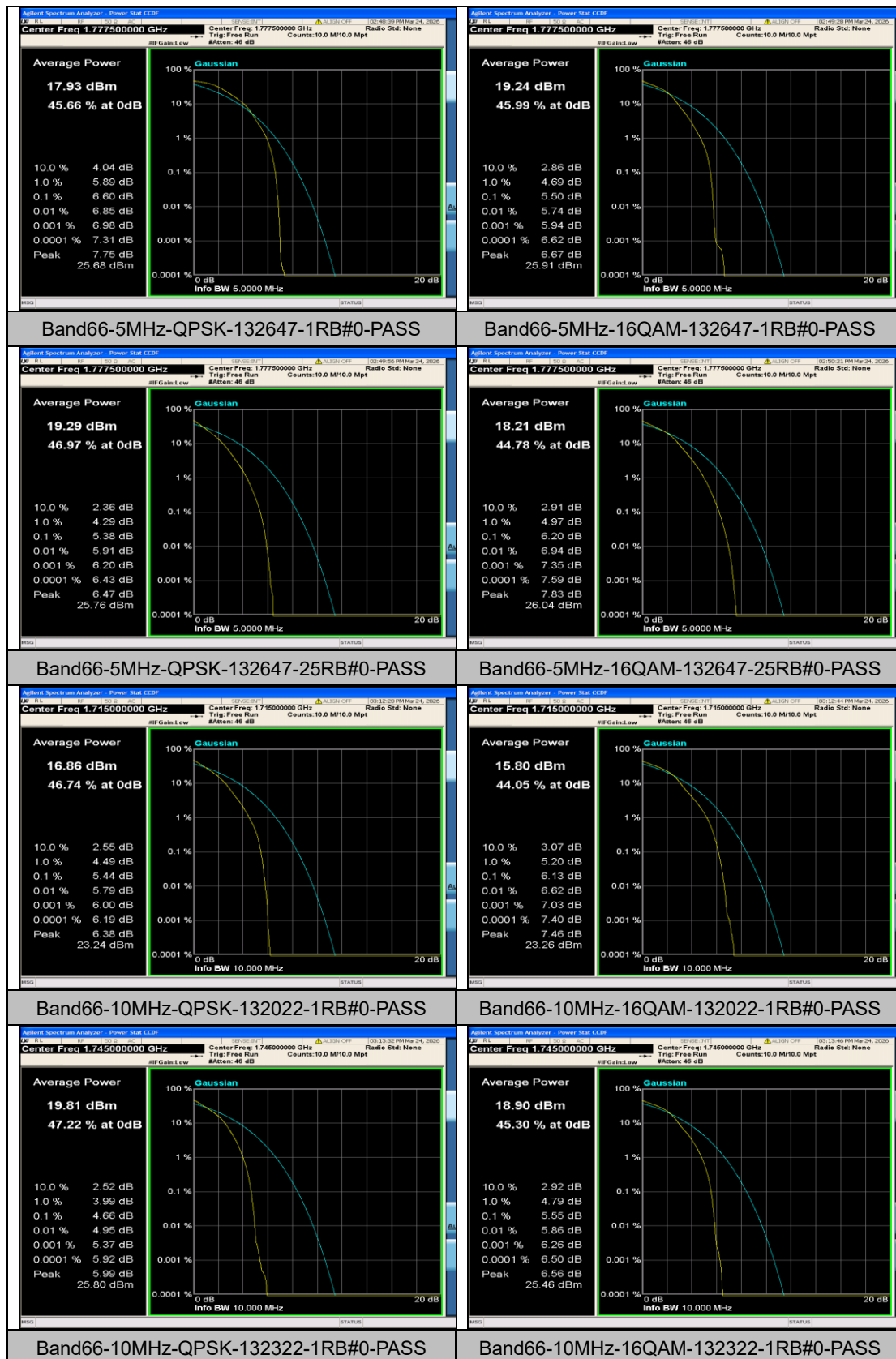
Test Graphs

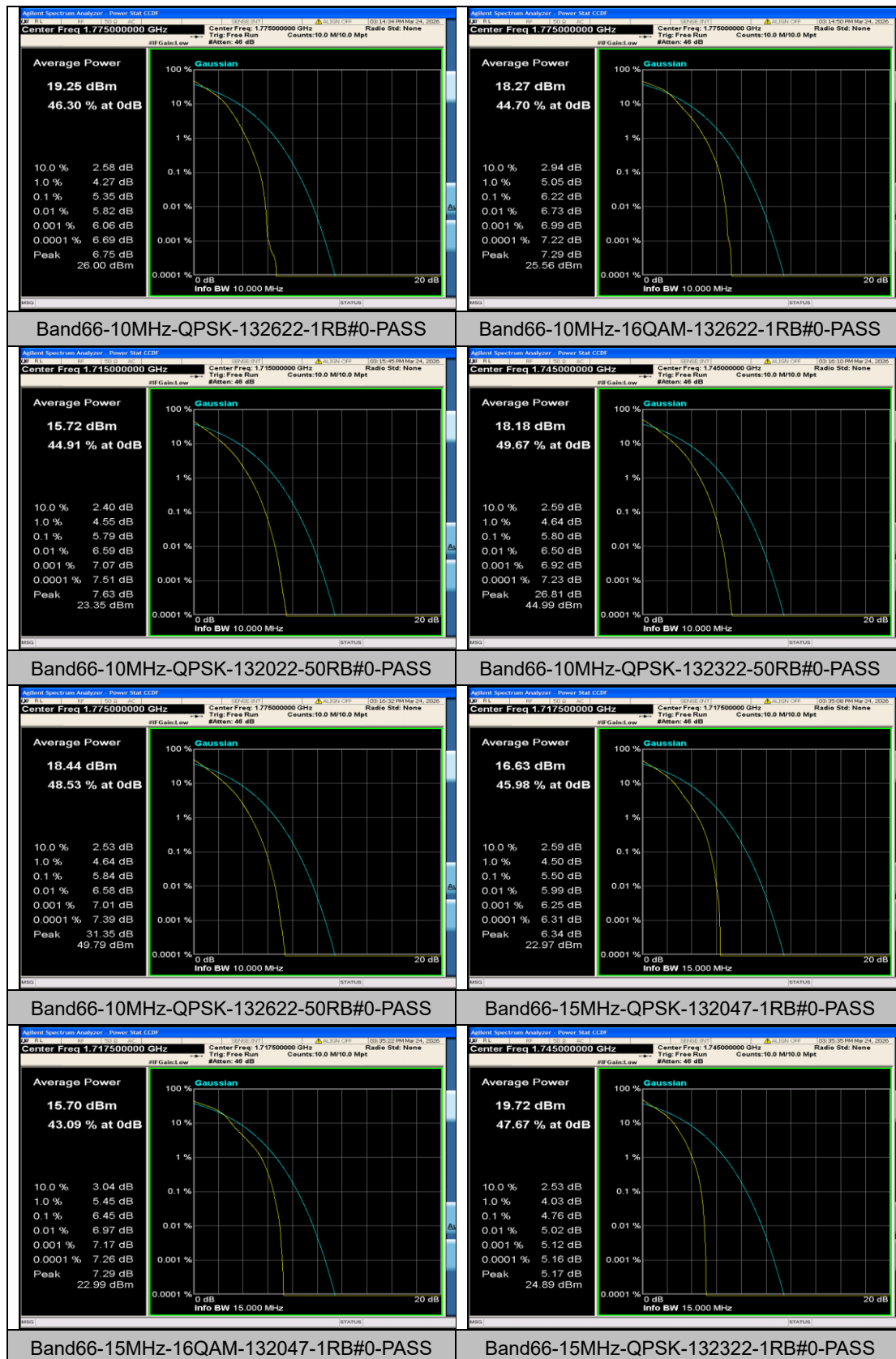


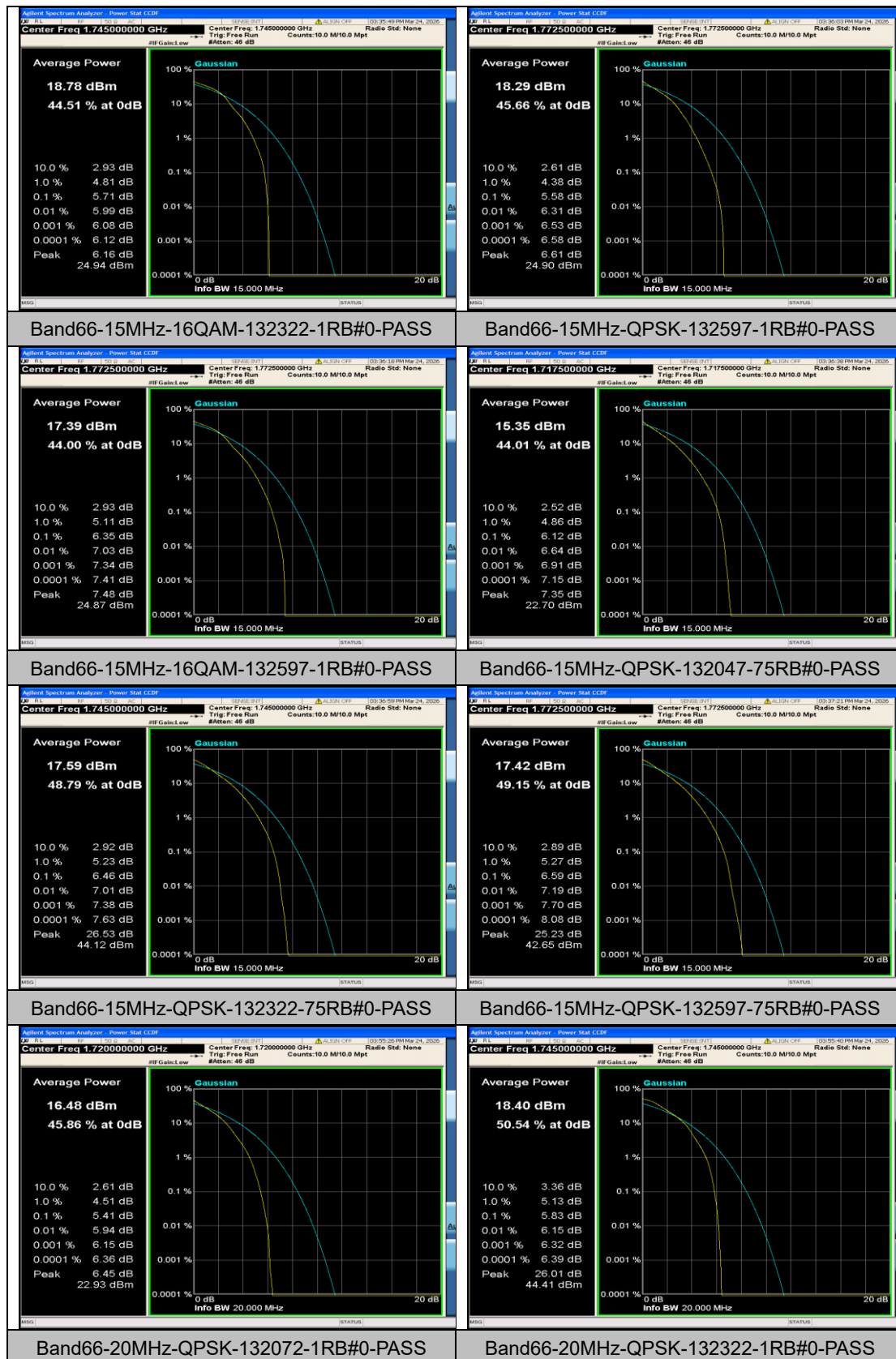


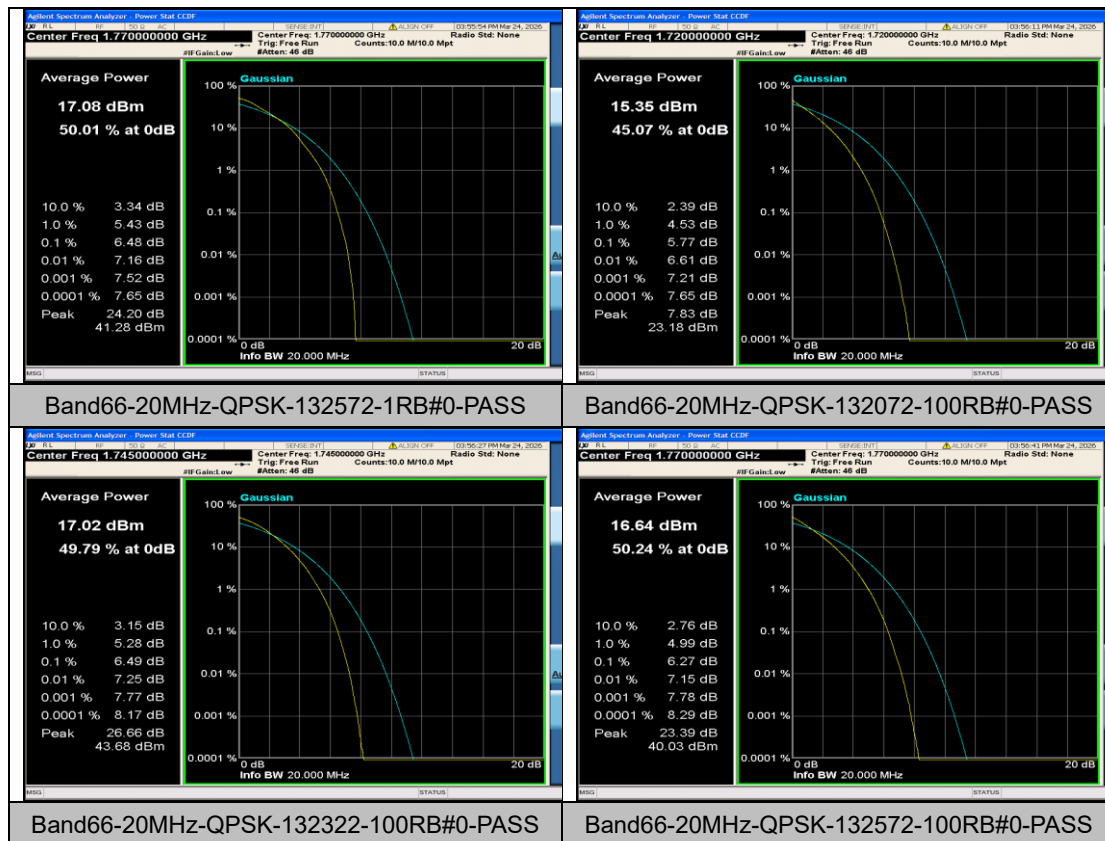










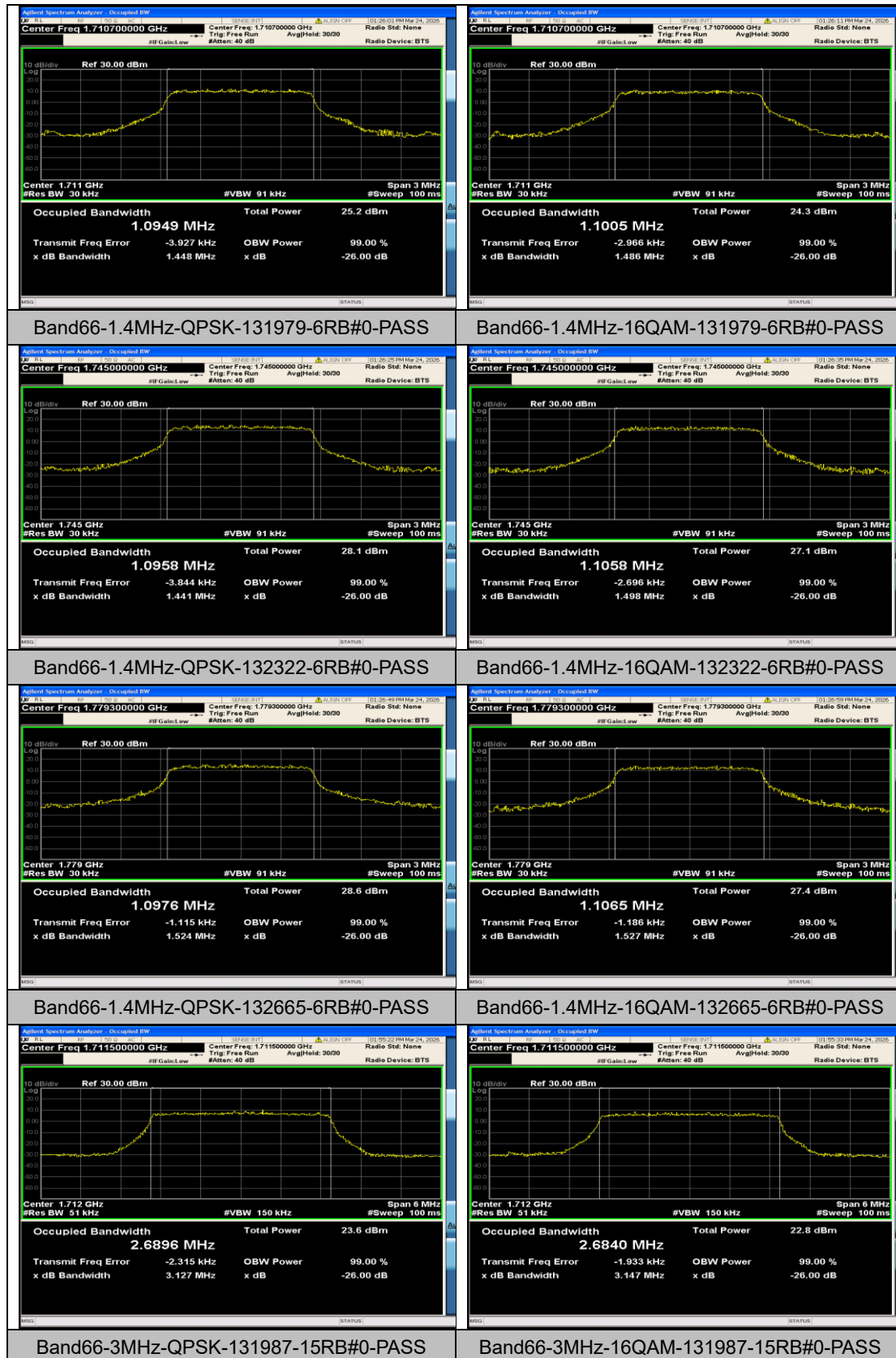


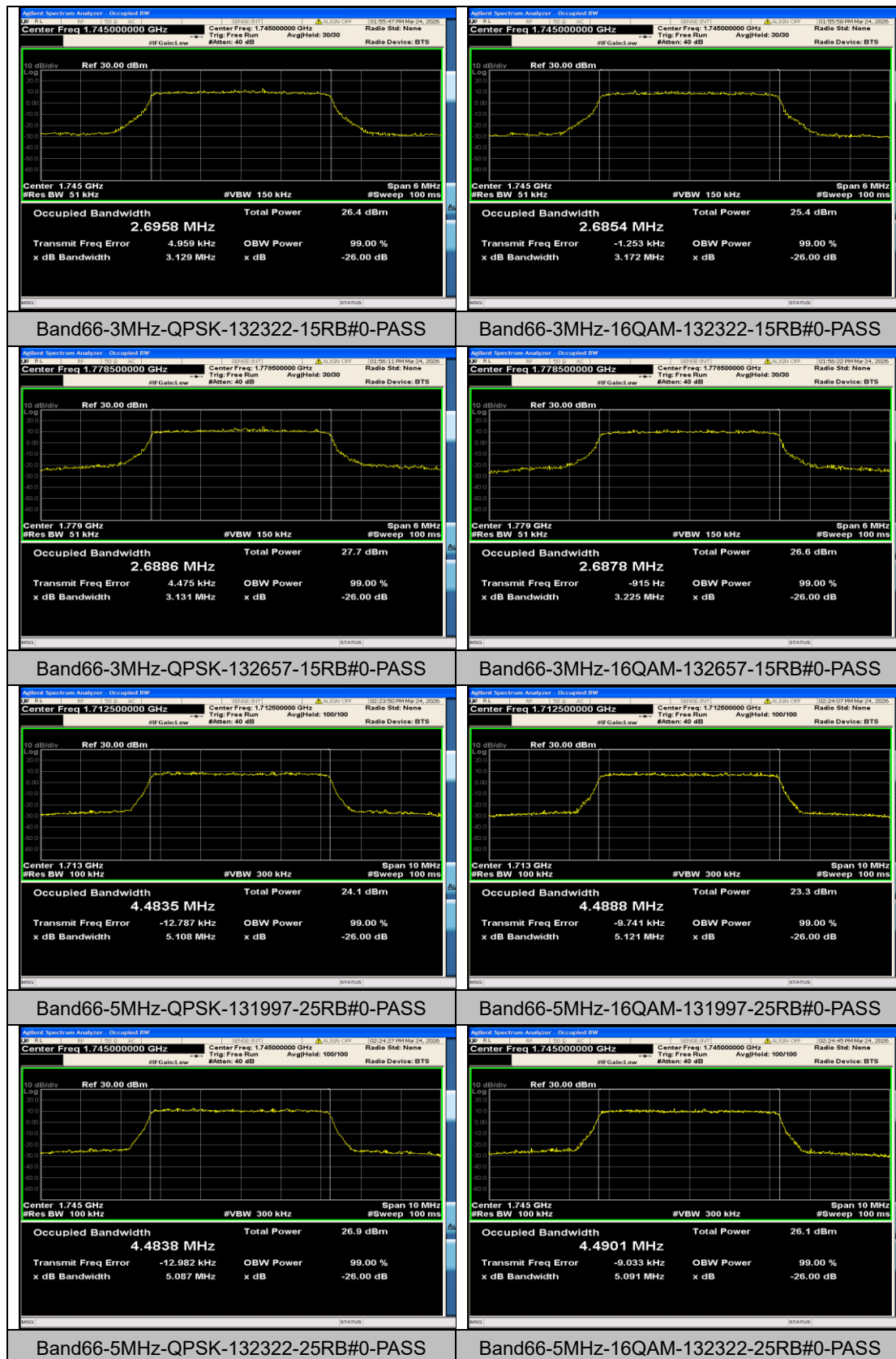
Appendix C: 26dB Bandwidth and Occupied Bandwidth

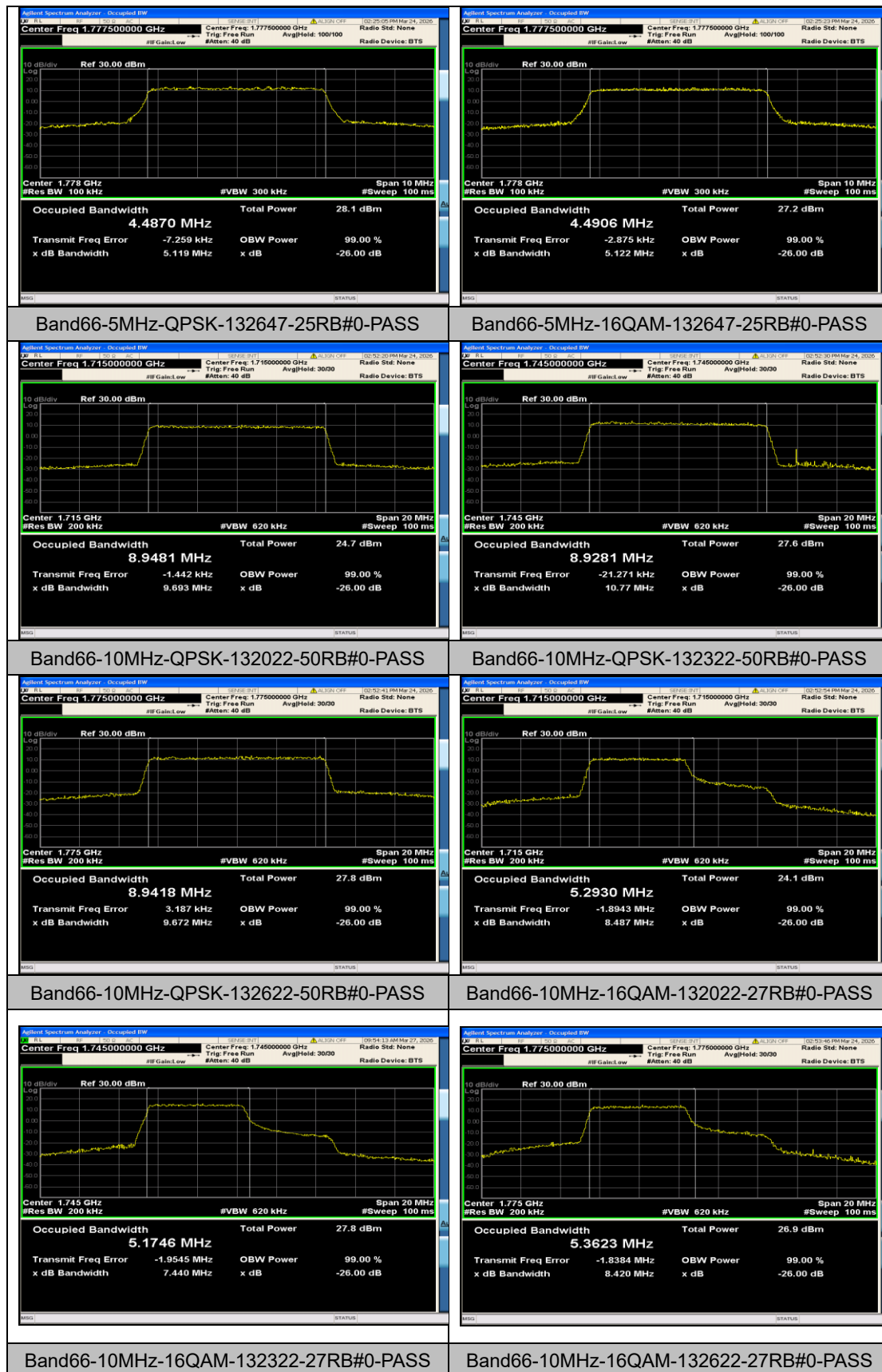
Test Result

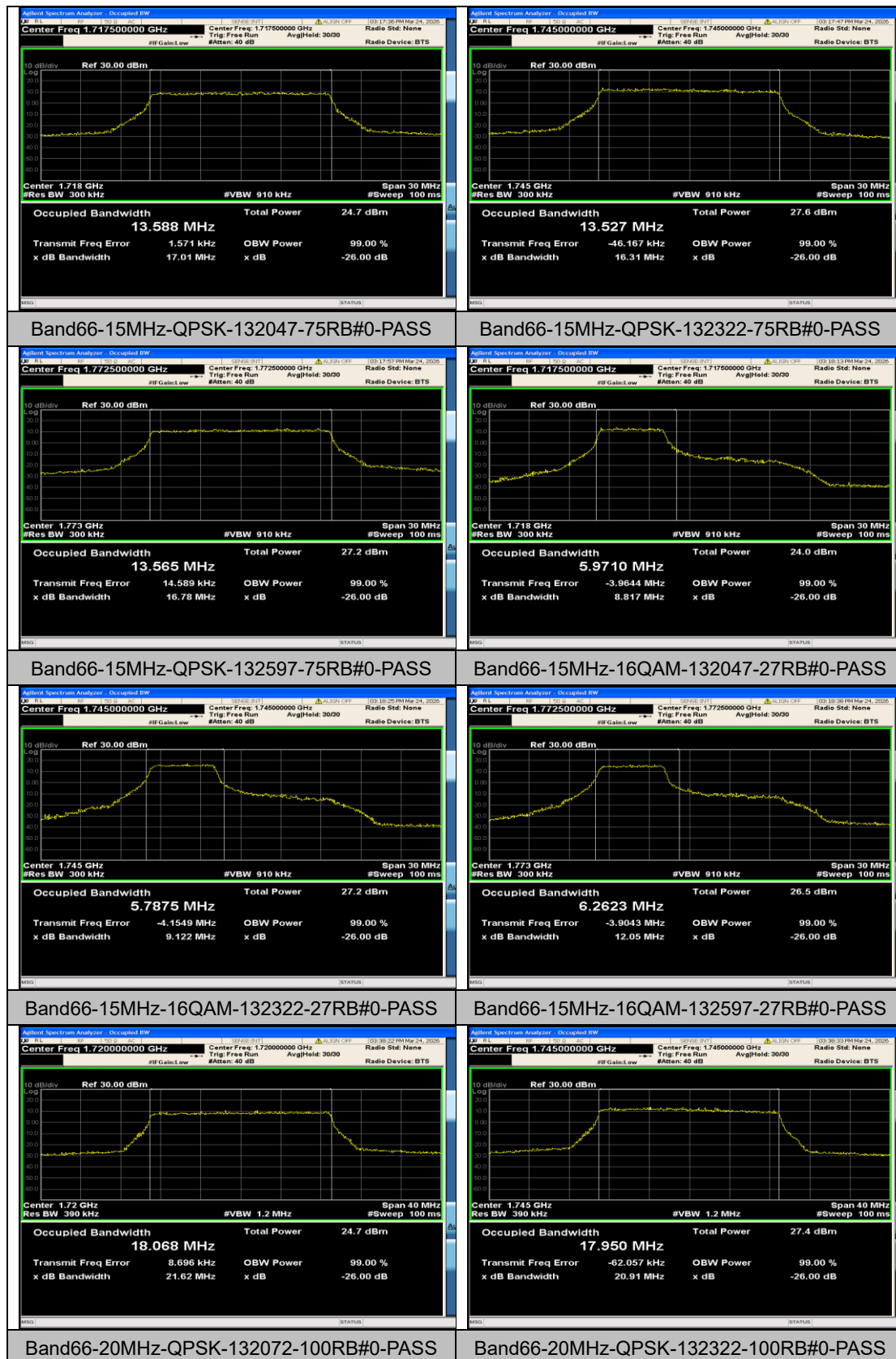
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0949	1.448	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0958	1.441	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0976	1.524	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1005	1.486	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1058	1.498	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1065	1.527	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6896	3.127	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6958	3.129	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6886	3.131	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6840	3.147	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6854	3.172	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6878	3.225	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4835	5.108	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4838	5.087	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4870	5.119	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4888	5.121	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4901	5.091	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4906	5.122	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9481	9.693	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9281	10.77	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9418	9.672	PASS
Band66	10MHz	16QAM	132022	27RB#0	5.2930	8.487	PASS
Band66	10MHz	16QAM	132322	27RB#0	5.1746	7.440	PASS
Band66	10MHz	16QAM	132622	27RB#0	5.3623	8.420	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.588	17.01	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.527	16.31	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.565	16.78	PASS
Band66	15MHz	16QAM	132047	27RB#0	5.9710	8.817	PASS
Band66	15MHz	16QAM	132322	27RB#0	5.7875	9.122	PASS
Band66	15MHz	16QAM	132597	27RB#0	6.2623	12.05	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.068	21.62	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.950	20.91	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.053	21.45	PASS
Band66	20MHz	16QAM	132072	27RB#0	8.0663	15.86	PASS
Band66	20MHz	16QAM	132322	27RB#0	6.7747	10.66	PASS
Band66	20MHz	16QAM	132572	27RB#0	7.7882	11.57	PASS

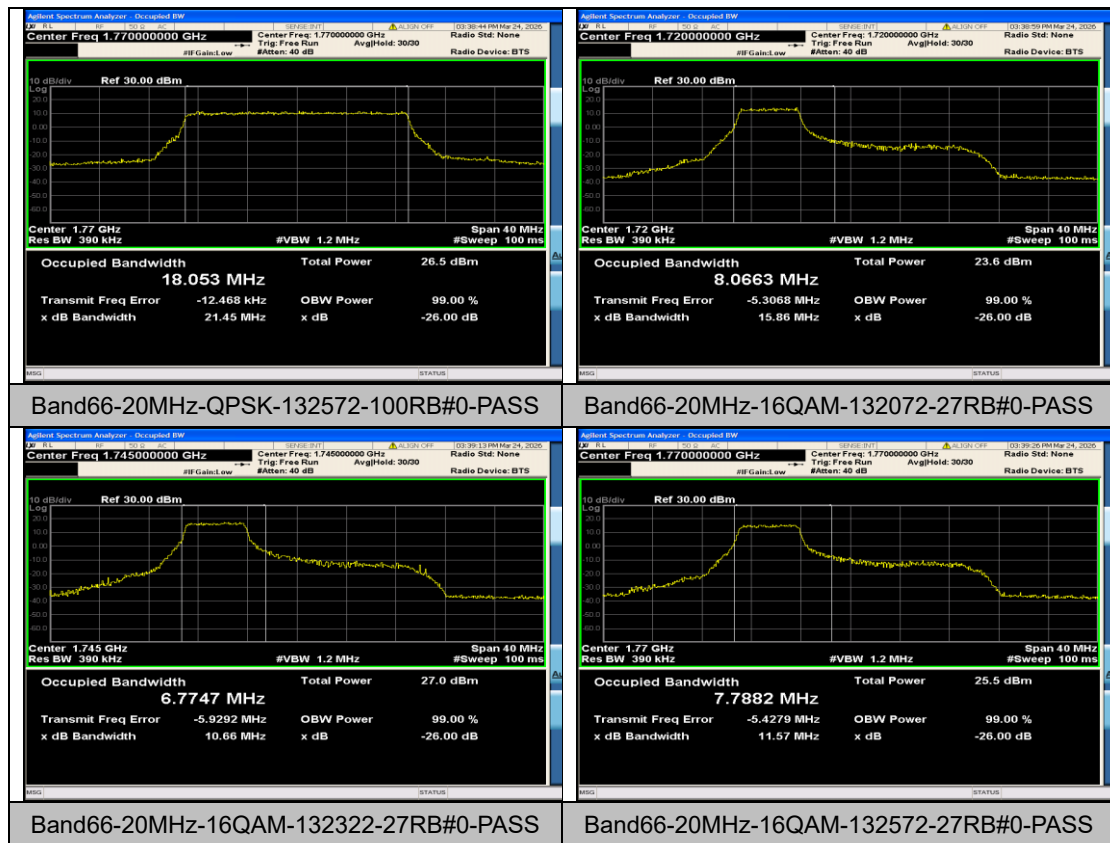
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-19.61	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-23.55	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-29.19	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-27.31	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.21	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-27.32	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-25.84	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-27.20	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-15.49	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-24.80	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-19.13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-20.24	PASS
Band66	3MHz	QPSK	131987	1RB#0	-23.99	PASS
Band66	3MHz	16QAM	131987	1RB#0	-25.04	PASS
Band66	3MHz	QPSK	131987	1RB#14	-37.49	PASS
Band66	3MHz	16QAM	131987	1RB#14	-37.62	PASS
Band66	3MHz	QPSK	131987	15RB#0	-32.13	PASS
Band66	3MHz	16QAM	131987	15RB#0	-33.45	PASS
Band66	3MHz	QPSK	132657	1RB#0	-32.57	PASS
Band66	3MHz	16QAM	132657	1RB#0	-34.52	PASS
Band66	3MHz	QPSK	132657	1RB#14	-18.64	PASS
Band66	3MHz	16QAM	132657	1RB#14	-19.66	PASS
Band66	3MHz	QPSK	132657	15RB#0	-27.60	PASS
Band66	3MHz	16QAM	132657	15RB#0	-29.61	PASS
Band66	5MHz	QPSK	131997	1RB#0	-31.45	PASS
Band66	5MHz	16QAM	131997	1RB#0	-33.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	-46.75	PASS
Band66	5MHz	16QAM	131997	1RB#24	-47.02	PASS
Band66	5MHz	QPSK	131997	25RB#0	-36.34	PASS
Band66	5MHz	16QAM	131997	25RB#0	-37.51	PASS
Band66	5MHz	QPSK	132647	1RB#0	-44.84	PASS
Band66	5MHz	16QAM	132647	1RB#0	-45.42	PASS
Band66	5MHz	QPSK	132647	1RB#24	-25.95	PASS
Band66	5MHz	16QAM	132647	1RB#24	-27.37	PASS
Band66	5MHz	QPSK	132647	25RB#0	-31.76	PASS
Band66	5MHz	16QAM	132647	25RB#0	-33.33	PASS
Band66	10MHz	QPSK	132022	1RB#0	-44.85	PASS

Band66	10MHz	16QAM	132022	1RB#0	-45.65	PASS
Band66	10MHz	QPSK	132022	1RB#49	-52.70	PASS
Band66	10MHz	16QAM	132022	1RB#49	-53.08	PASS
Band66	10MHz	QPSK	132622	1RB#0	-51.55	PASS
Band66	10MHz	16QAM	132622	1RB#0	-51.82	PASS
Band66	10MHz	QPSK	132622	1RB#49	-40.80	PASS
Band66	10MHz	16QAM	132622	1RB#49	-41.95	PASS
Band66	10MHz	QPSK	132022	50RB#0	-40.20	PASS
Band66	10MHz	QPSK	132622	50RB#0	-34.51	PASS
Band66	15MHz	QPSK	132047	1RB#0	-41.10	PASS
Band66	15MHz	16QAM	132047	1RB#0	-41.44	PASS
Band66	15MHz	QPSK	132047	1RB#74	-47.24	PASS
Band66	15MHz	16QAM	132047	1RB#74	-47.95	PASS
Band66	15MHz	QPSK	132597	1RB#0	-47.40	PASS
Band66	15MHz	16QAM	132597	1RB#0	-48.06	PASS
Band66	15MHz	QPSK	132597	1RB#74	-38.67	PASS
Band66	15MHz	16QAM	132597	1RB#74	-38.76	PASS
Band66	15MHz	QPSK	132047	75RB#0	-38.67	PASS
Band66	15MHz	QPSK	132597	75RB#0	-34.23	PASS
Band66	20MHz	QPSK	132072	1RB#0	-42.63	PASS
Band66	20MHz	16QAM	132072	1RB#0	-42.93	PASS
Band66	20MHz	QPSK	132072	1RB#99	-43.71	PASS
Band66	20MHz	16QAM	132072	1RB#99	-44.41	PASS
Band66	20MHz	QPSK	132572	1RB#0	-44.89	PASS
Band66	20MHz	16QAM	132572	1RB#0	-45.38	PASS
Band66	20MHz	QPSK	132572	1RB#99	-41.30	PASS
Band66	20MHz	16QAM	132572	1RB#99	-41.87	PASS
Band66	20MHz	QPSK	132072	100RB#0	-38.03	PASS
Band66	20MHz	QPSK	132572	100RB#0	-34.97	PASS

Test Graphs

