

FCC Appendix RF Test Data for LTE Band 66

FCC ID : 2BVG4MP02

Company : BEIJING MERA TECHNOLOGY Co., Ltd

EUT : OxiLeash Pet GPS Tracker

Model Number : MP02

Report No. : CTA26062500306

Reviewed By : Eric Wang

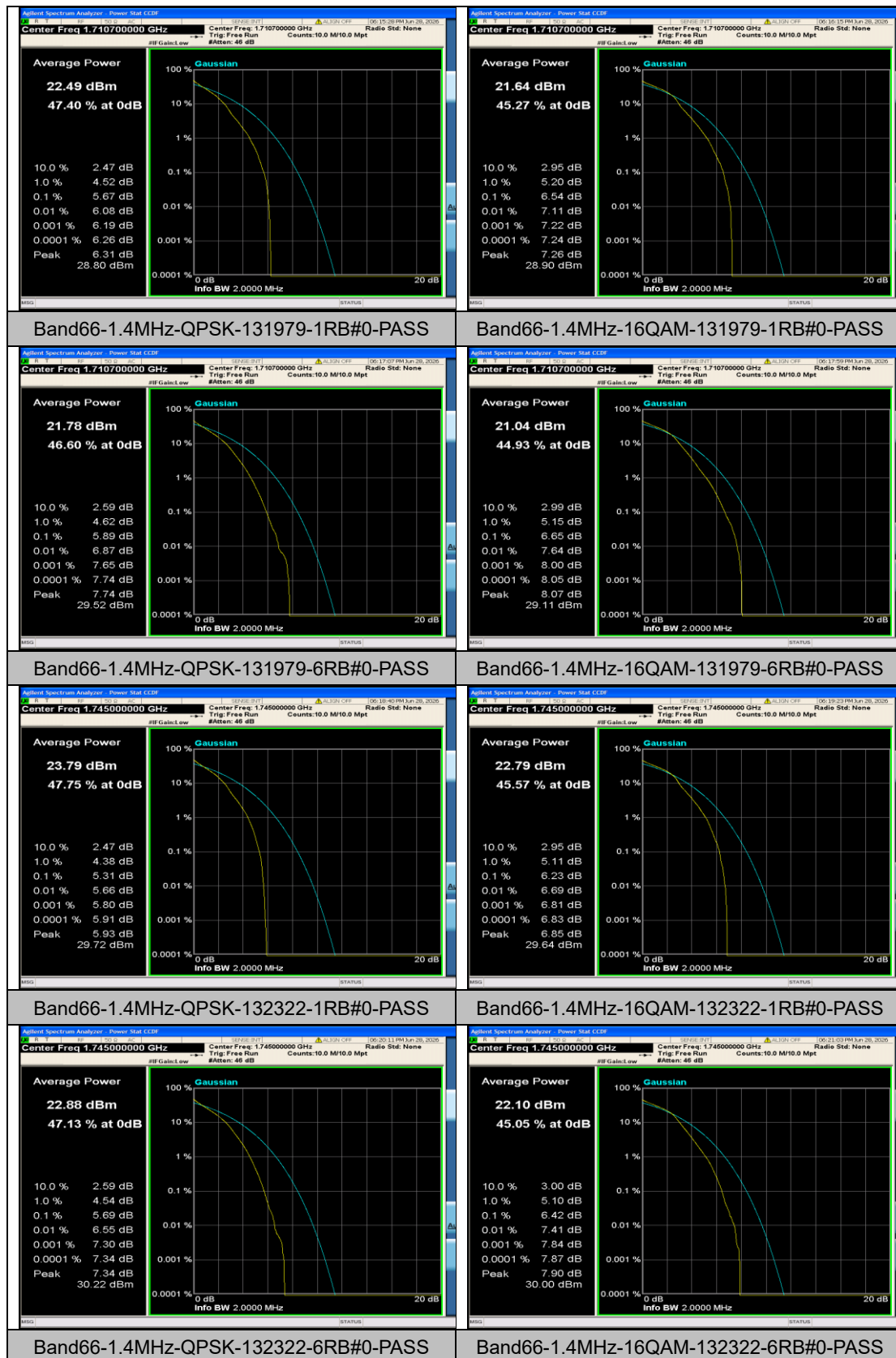
Appendix B: Peak-to-Average Ratio(CCDF)

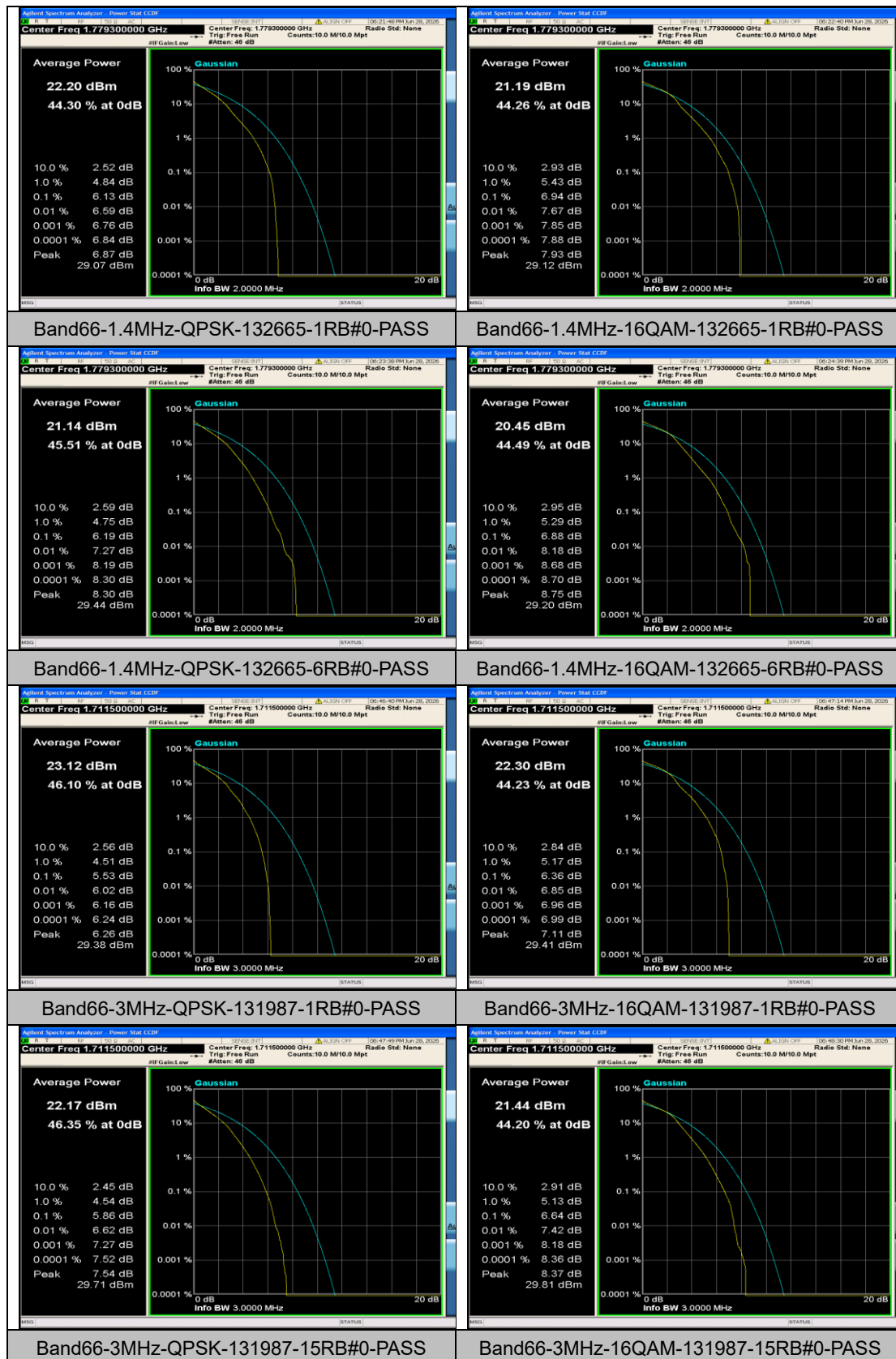
Test Result

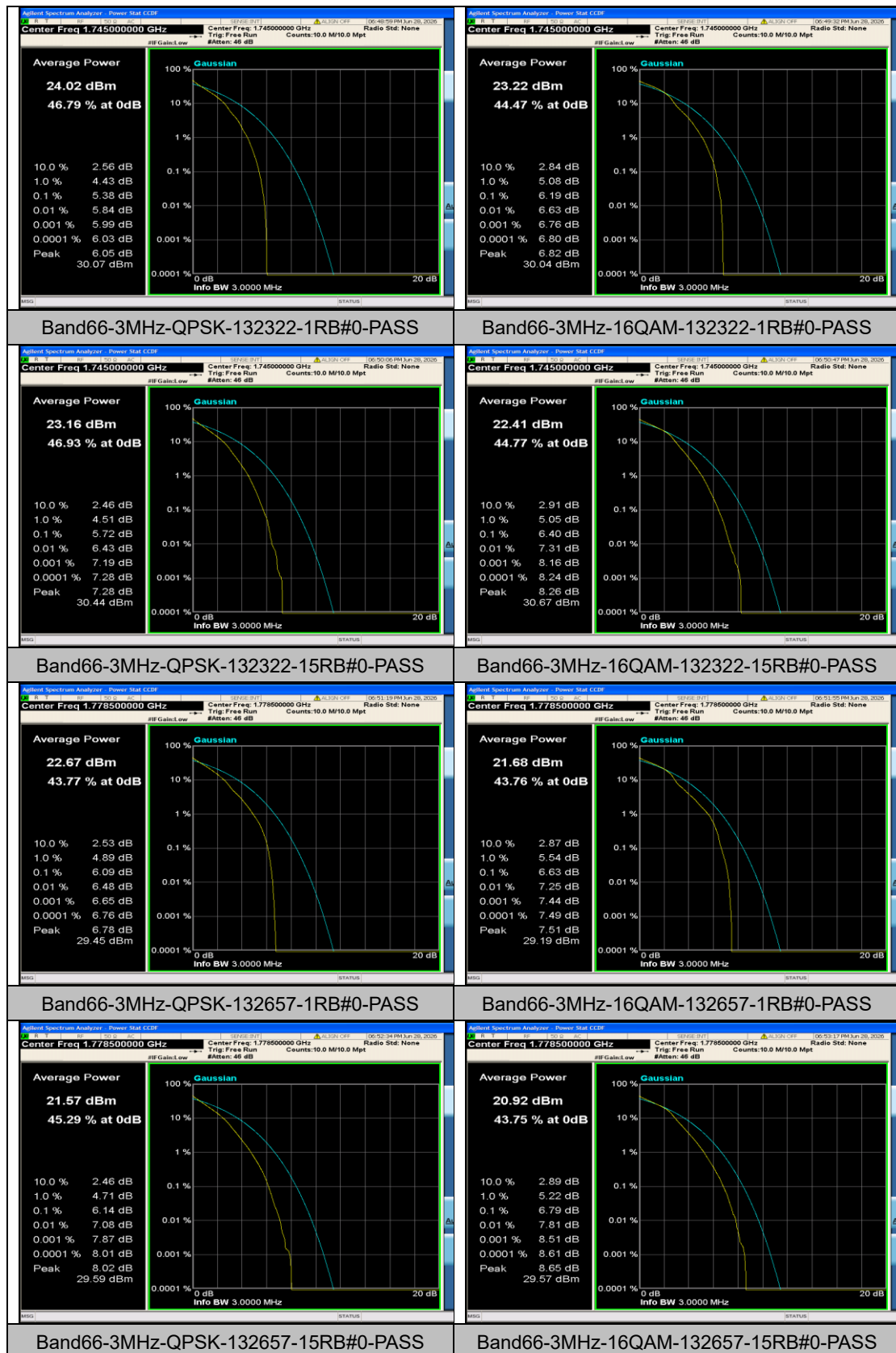
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	5.67	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	6.54	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.89	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.65	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	5.31	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	6.23	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.69	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.42	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	6.13	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	6.94	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	6.19	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.88	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	5.53	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	6.36	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.86	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.64	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	5.38	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	6.19	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.72	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.40	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	6.09	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	6.63	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	6.14	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.79	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	5.52	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	6.02	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.90	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.54	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	5.37	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.90	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.72	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.34	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	6.08	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	6.52	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	6.09	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.71	13	PASS

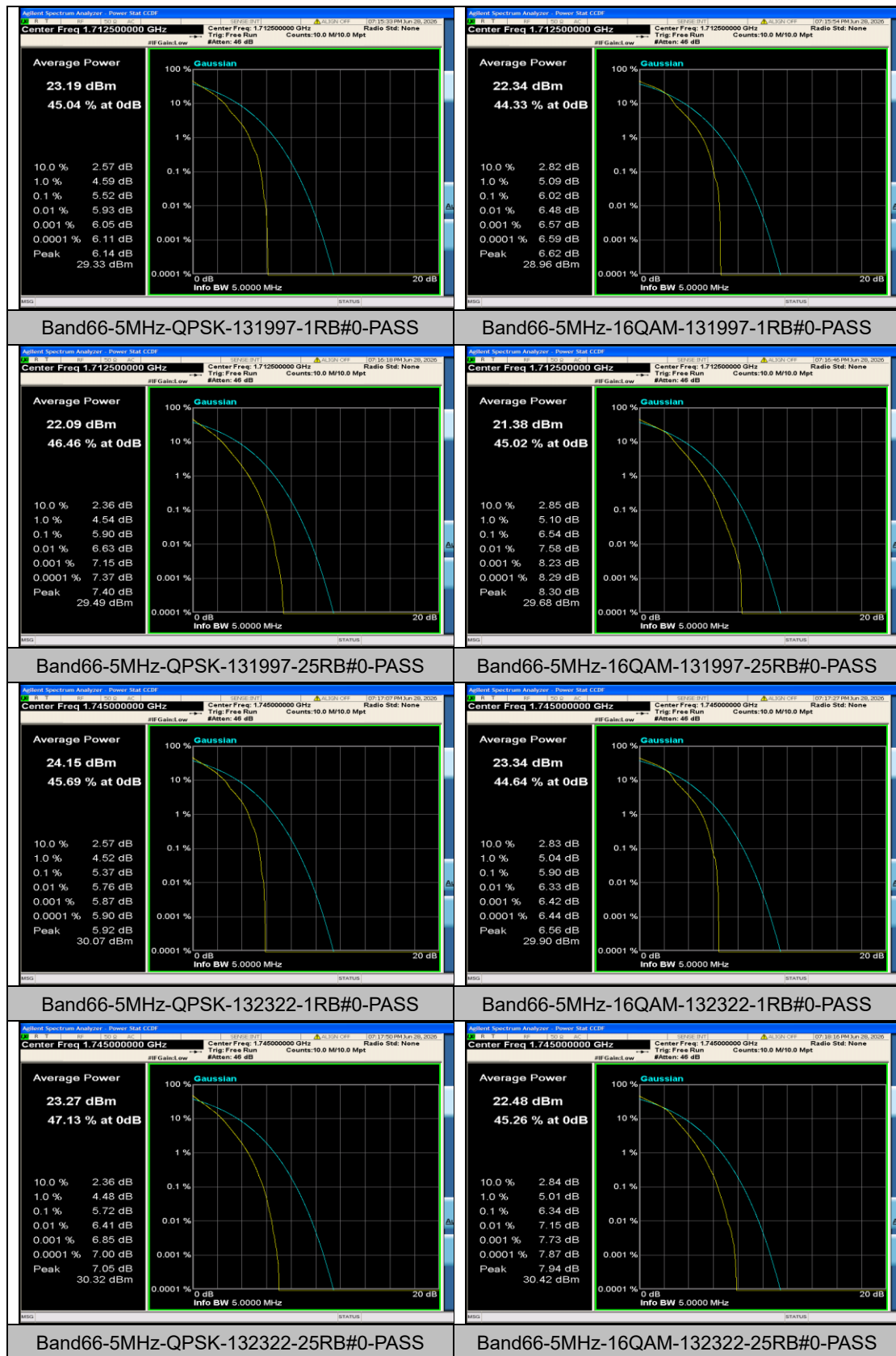
Band66	10MHz	QPSK	132022	1RB#0	5.13	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	5.87	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	5.42	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	6.05	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	5.74	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	6.40	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.80	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.79	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	6.96	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	6.32	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	6.42	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	5.58	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	6.48	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	5.87	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	6.71	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	6.32	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	8.60	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	8.60	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.95	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	11.13	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	10.29	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	5.07	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	6.43	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	8.42	13	PASS

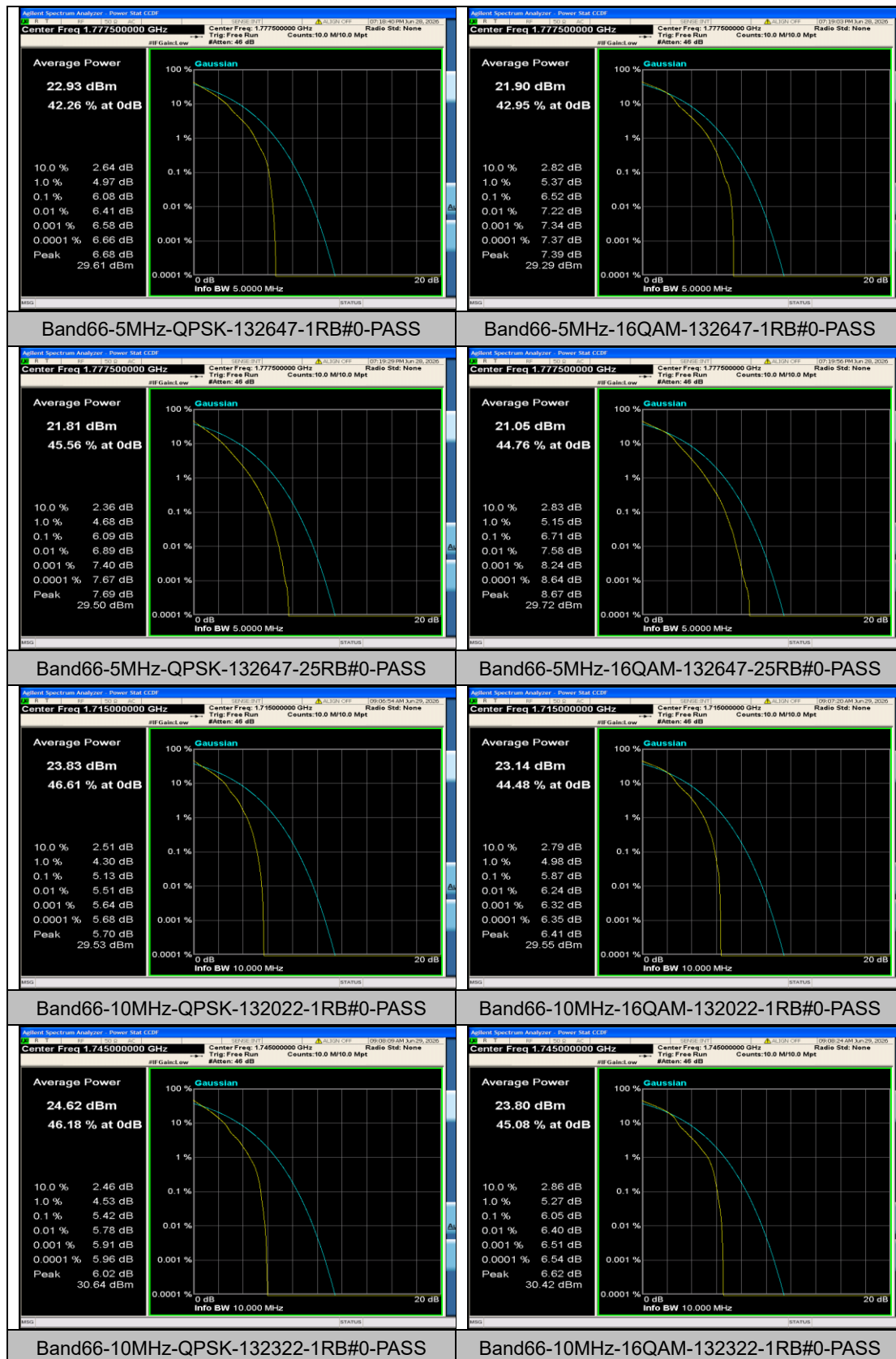
Test Graphs

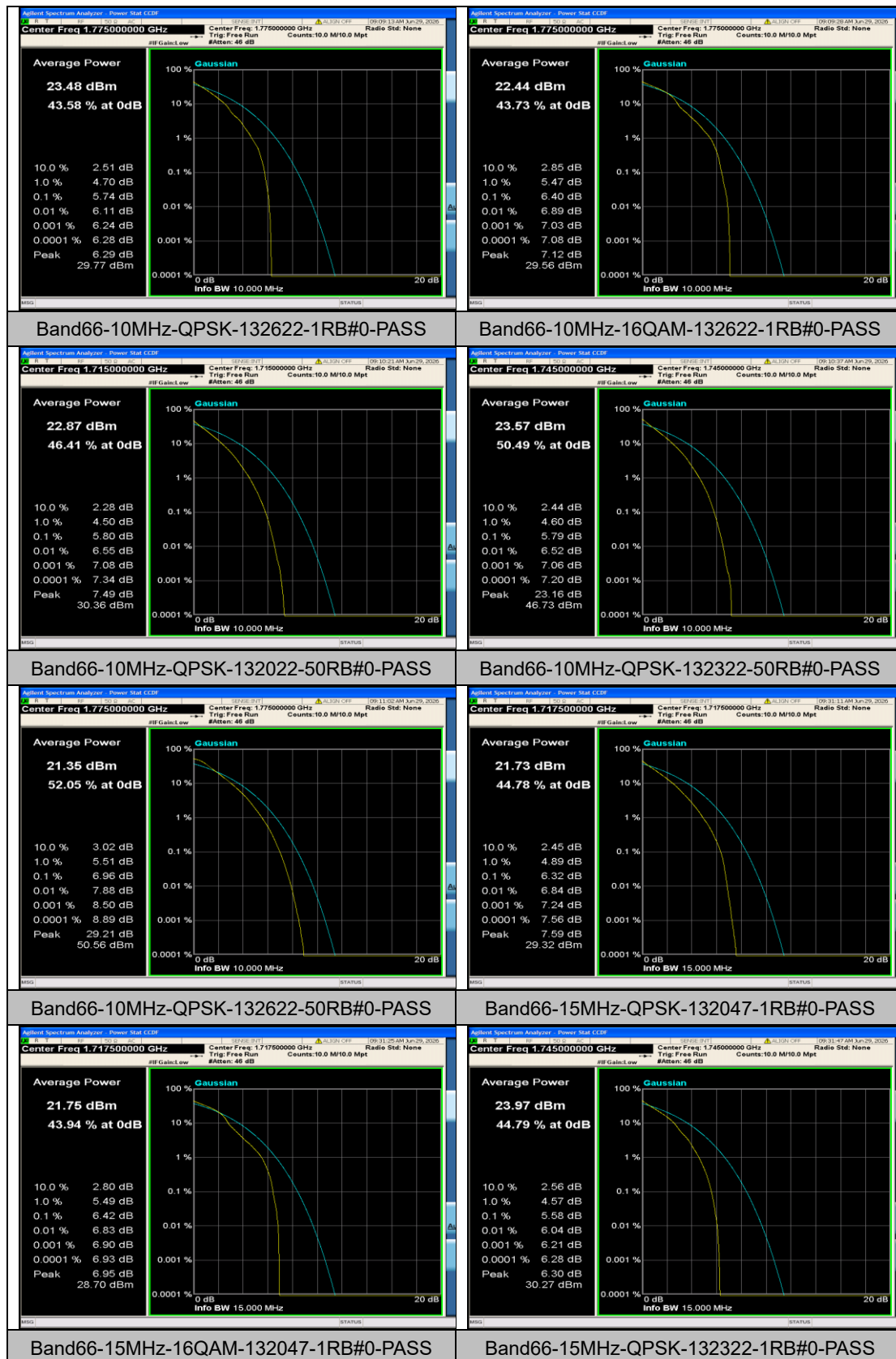


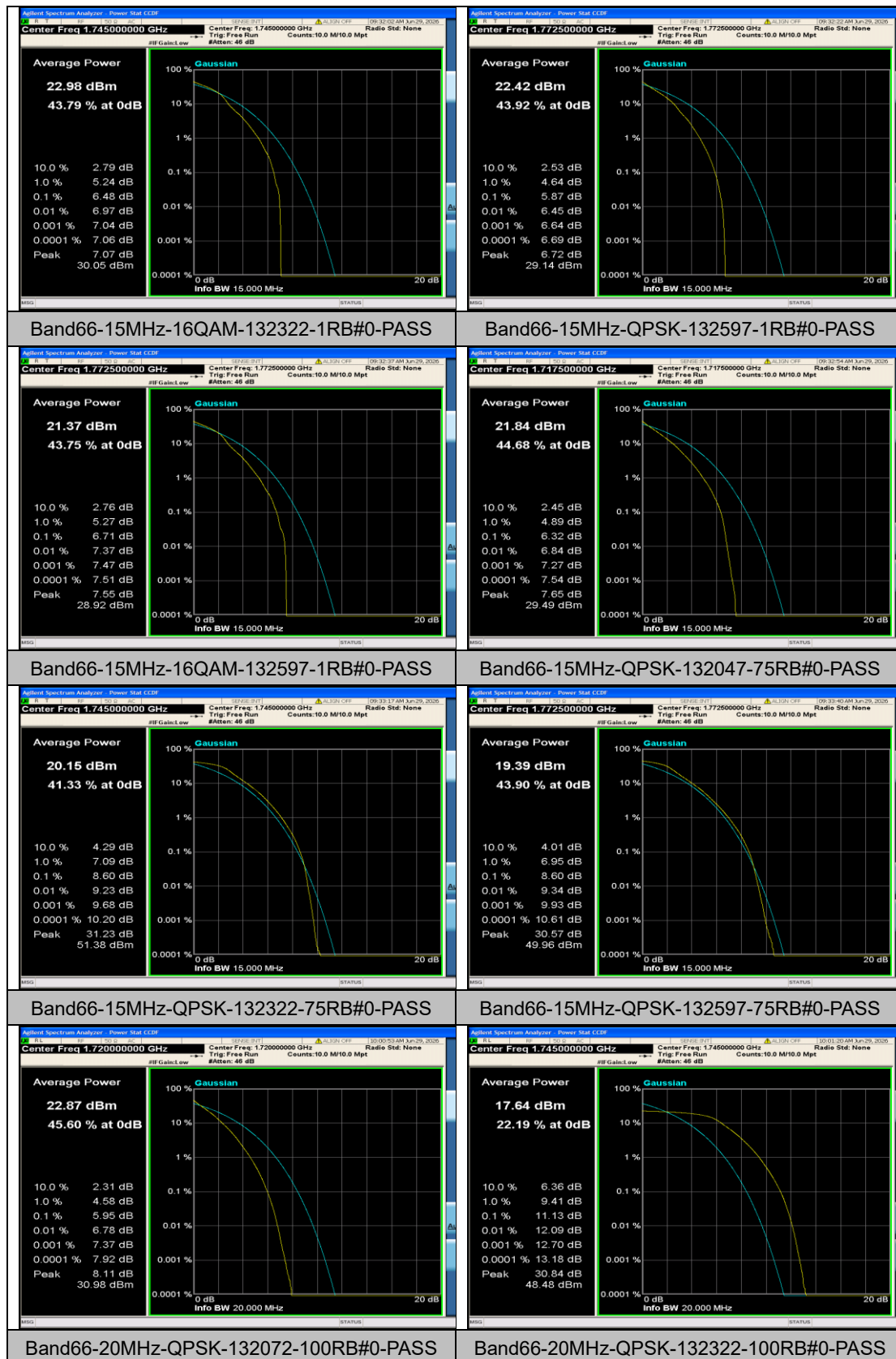


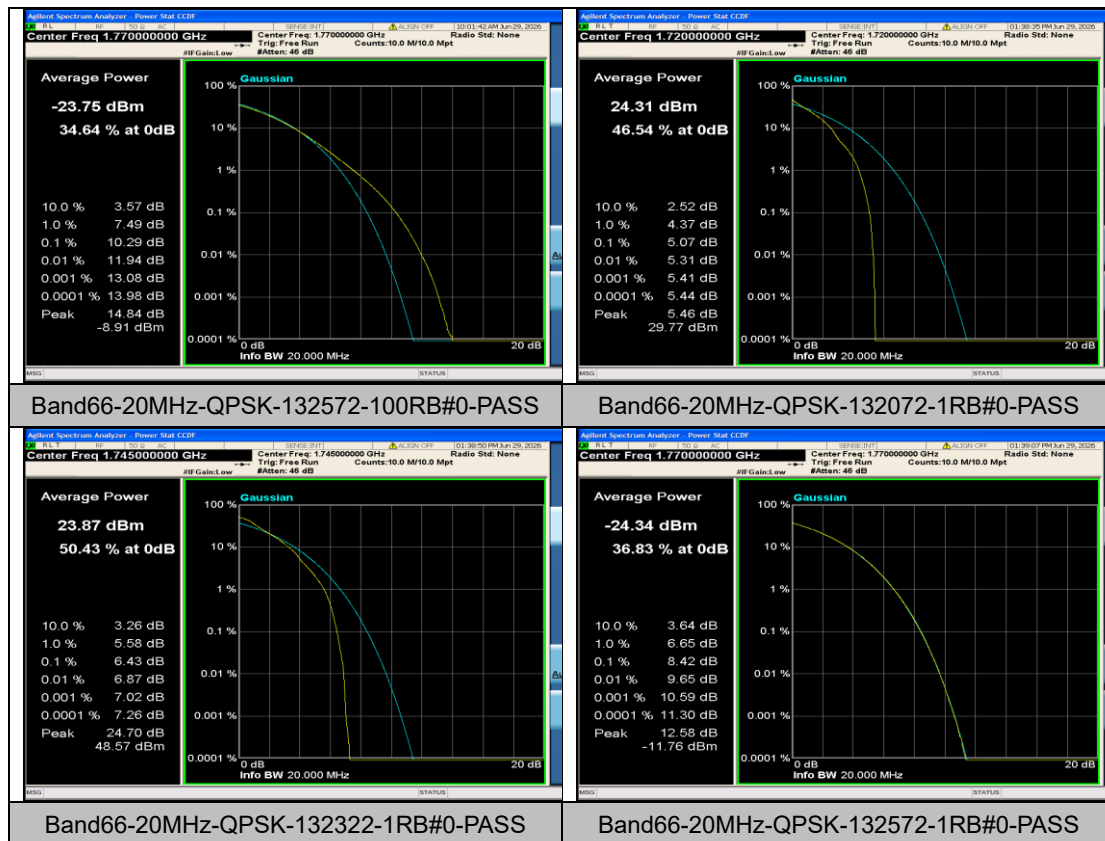










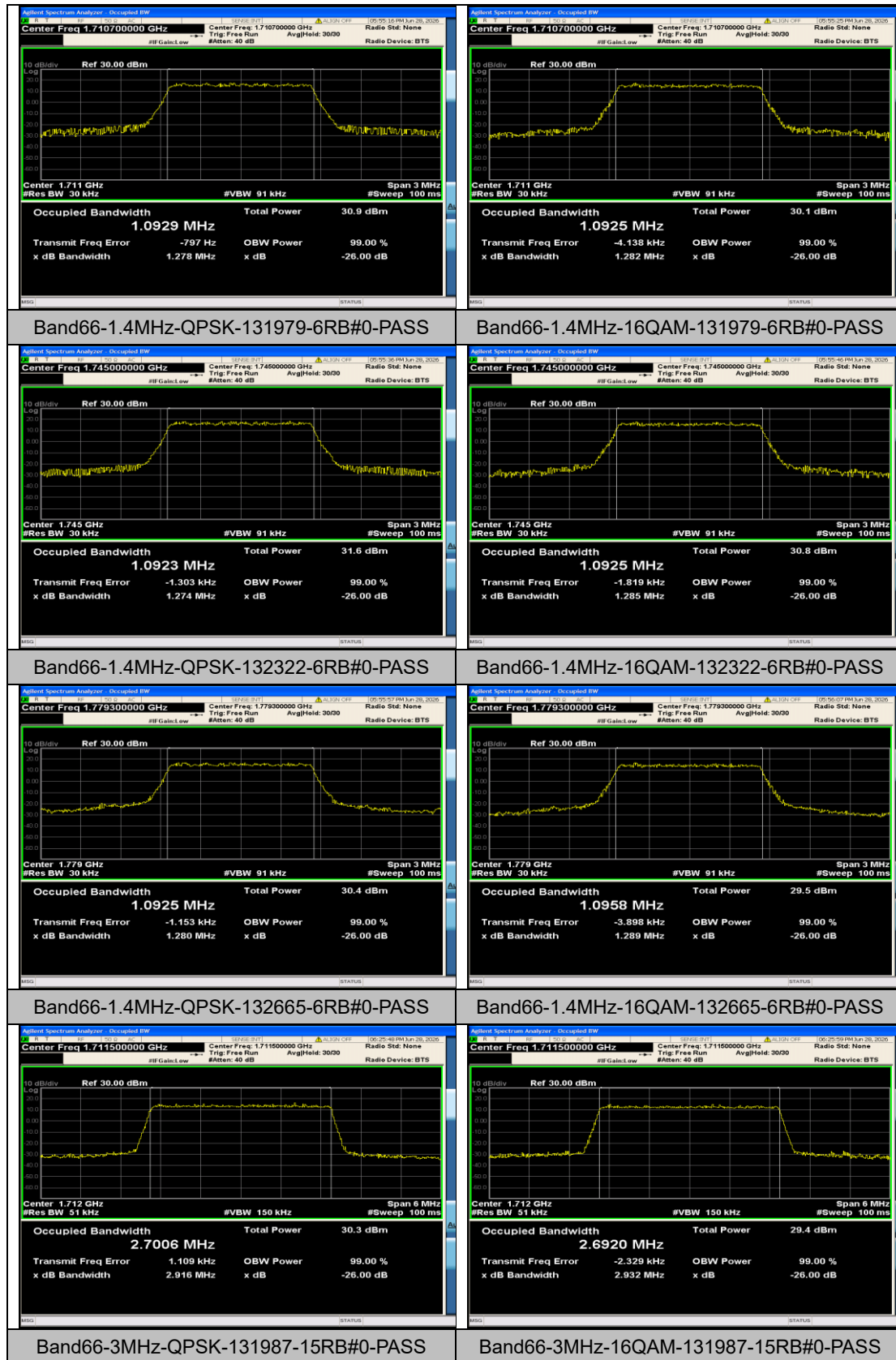


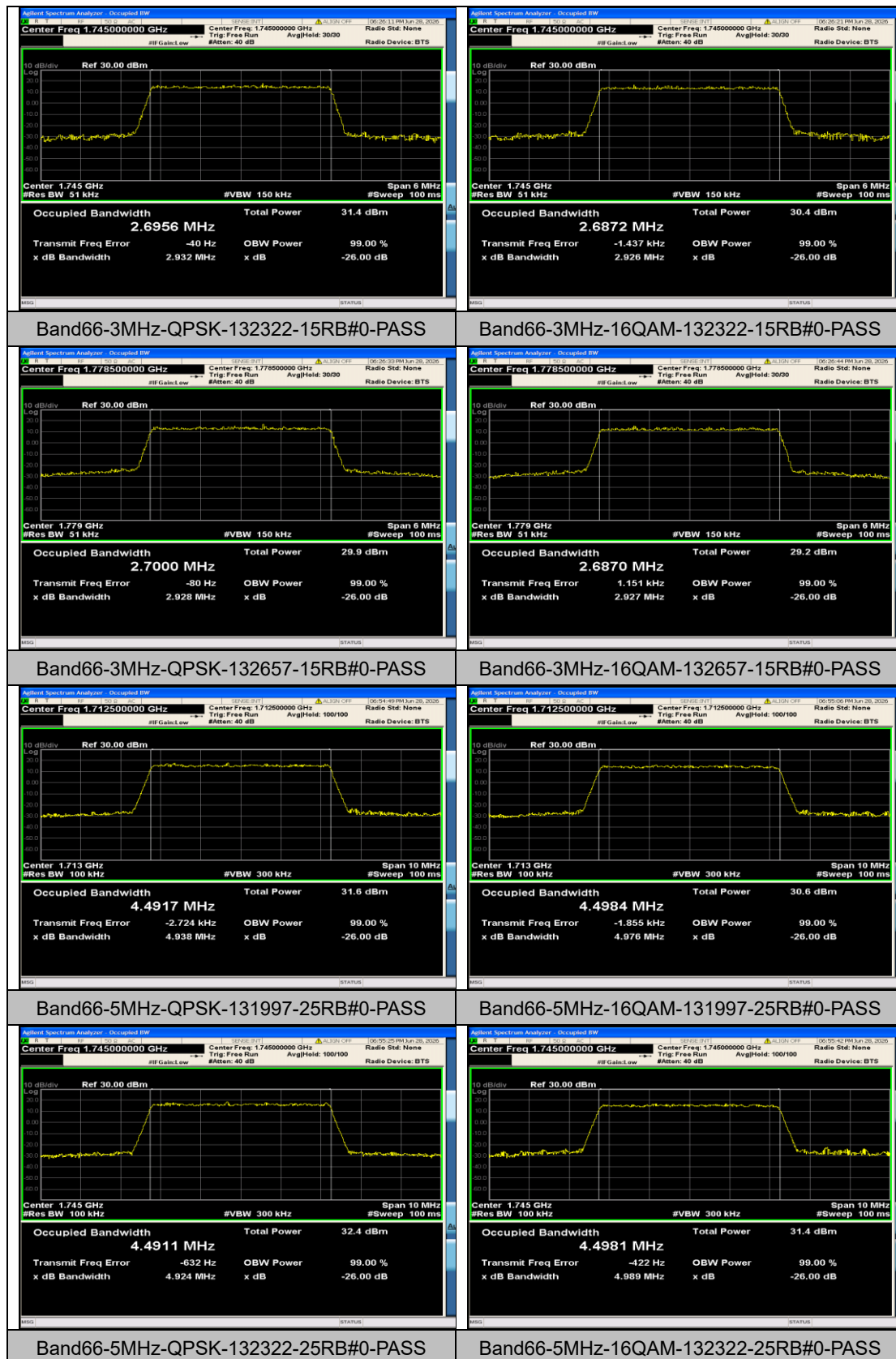
Appendix C: 26dB Bandwidth and Occupied Bandwidth

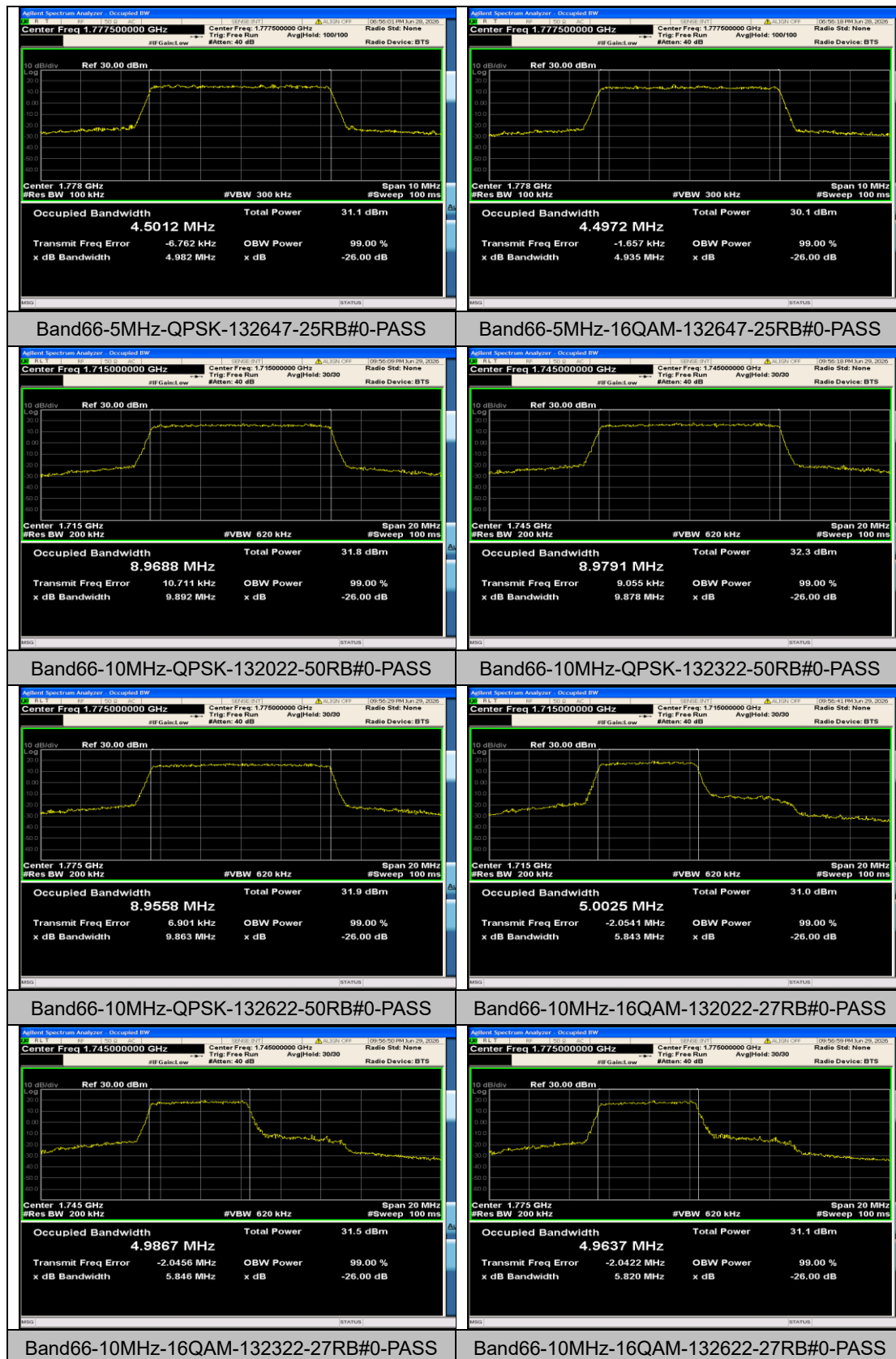
Test Result

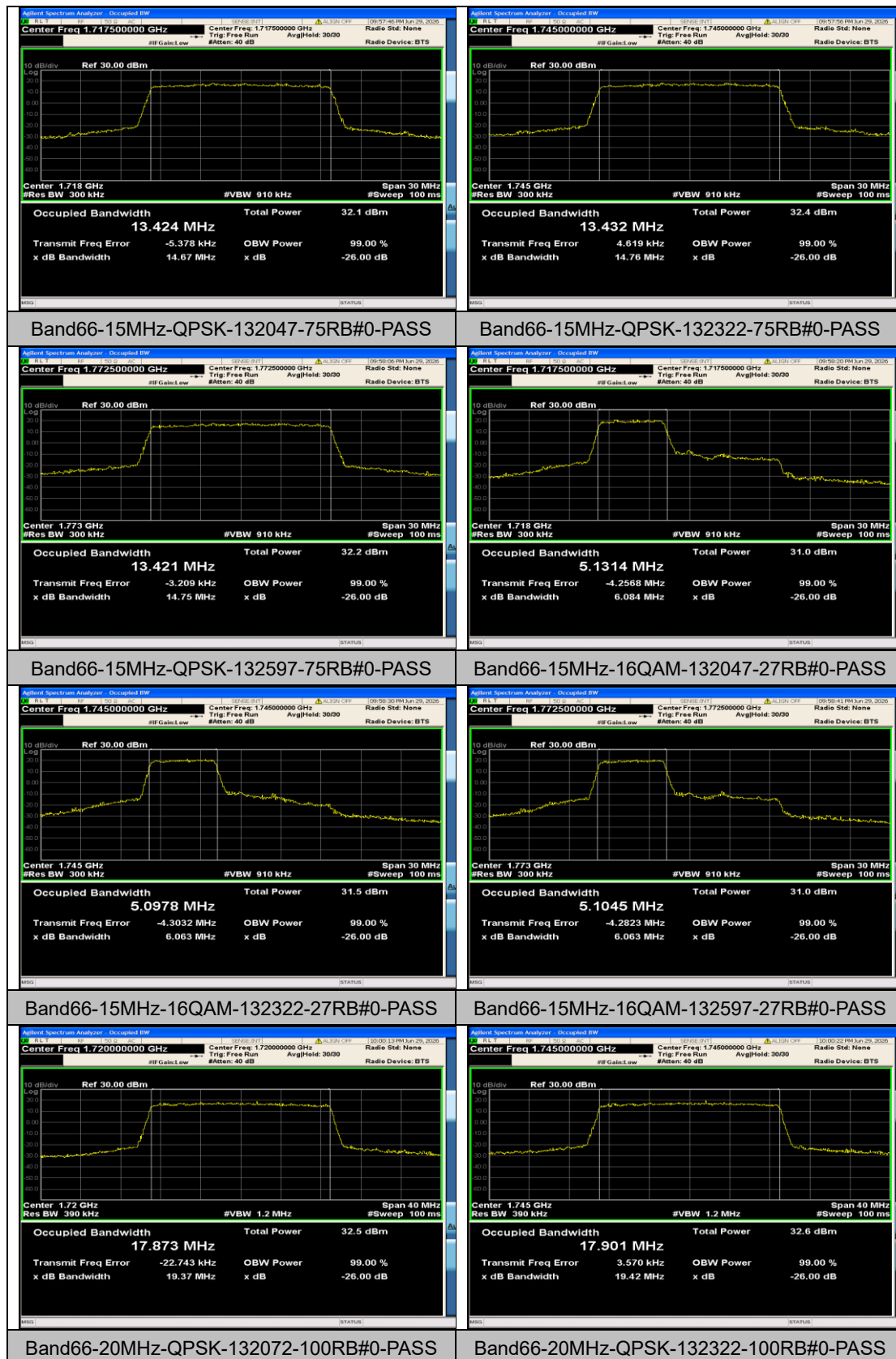
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0929	1.278	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0925	1.282	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0923	1.274	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0925	1.285	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0925	1.280	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0958	1.289	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7006	2.916	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6920	2.932	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6956	2.932	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6872	2.926	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7000	2.928	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6870	2.927	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4917	4.938	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4984	4.976	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4911	4.924	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4981	4.989	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5012	4.982	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4972	4.935	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9688	9.892	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9791	9.878	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9558	9.863	PASS
Band66	10MHz	16QAM	132022	27RB#0	5.0025	5.843	PASS
Band66	10MHz	16QAM	132322	27RB#0	4.9867	5.846	PASS
Band66	10MHz	16QAM	132622	27RB#0	4.9637	5.820	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.424	14.67	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.432	14.76	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.421	14.75	PASS
Band66	15MHz	16QAM	132047	27RB#0	5.1314	6.084	PASS
Band66	15MHz	16QAM	132322	27RB#0	5.0978	6.063	PASS
Band66	15MHz	16QAM	132597	27RB#0	5.1045	6.063	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.873	19.37	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.901	19.42	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.894	19.35	PASS
Band66	20MHz	16QAM	132072	27RB#0	5.2551	6.490	PASS
Band66	20MHz	16QAM	132322	27RB#0	5.2396	6.701	PASS
Band66	20MHz	16QAM	132572	27RB#0	5.2622	6.499	PASS

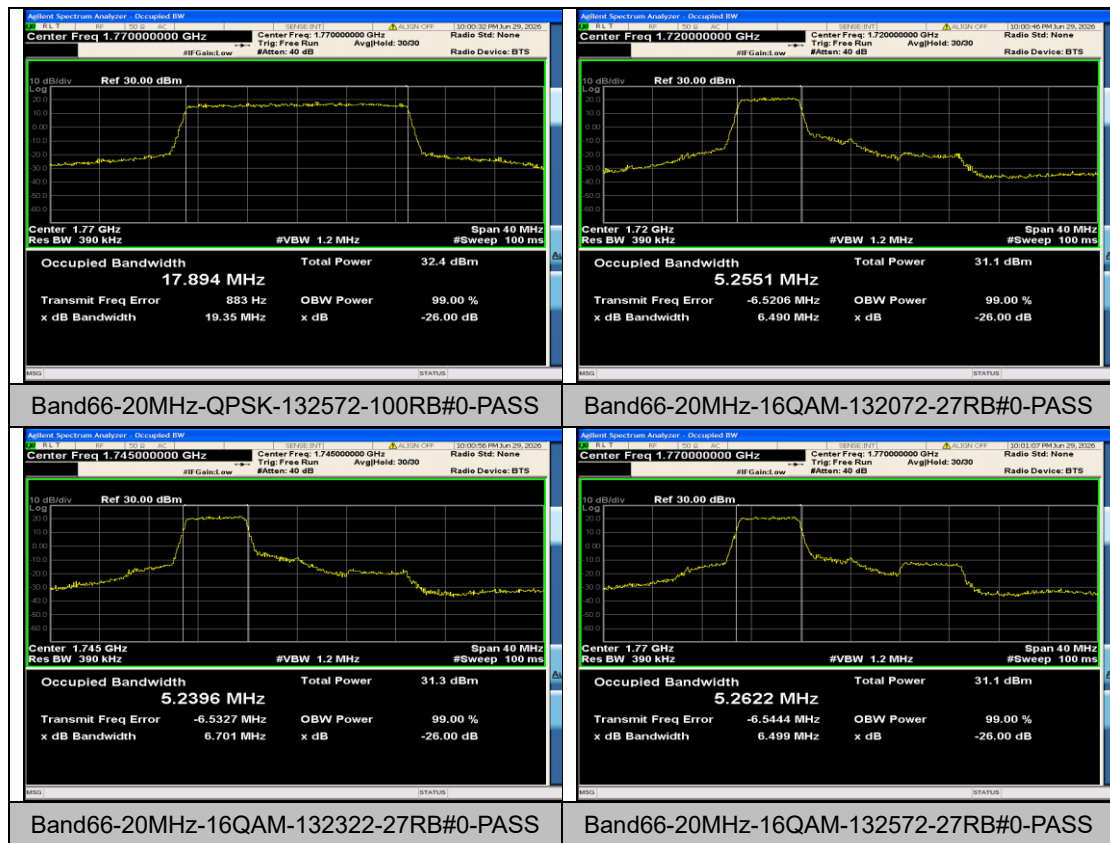
Test Graphs











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-33.75	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-26.52	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-37.24	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-36.89	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-33.20	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-34.05	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-35.53	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-36.91	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-30.08	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-32.51	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-26.38	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-31.61	PASS
Band66	3MHz	QPSK	131987	1RB#0	-27.05	PASS
Band66	3MHz	16QAM	131987	1RB#0	-26.20	PASS
Band66	3MHz	QPSK	131987	1RB#14	-43.29	PASS
Band66	3MHz	16QAM	131987	1RB#14	-44.20	PASS
Band66	3MHz	QPSK	131987	15RB#0	-36.67	PASS
Band66	3MHz	16QAM	131987	15RB#0	-36.87	PASS
Band66	3MHz	QPSK	132657	1RB#0	-47.22	PASS
Band66	3MHz	16QAM	132657	1RB#0	-45.67	PASS
Band66	3MHz	QPSK	132657	1RB#14	-24.67	PASS
Band66	3MHz	16QAM	132657	1RB#14	-27.55	PASS
Band66	3MHz	QPSK	132657	15RB#0	-34.95	PASS
Band66	3MHz	16QAM	132657	15RB#0	-37.09	PASS
Band66	5MHz	QPSK	131997	1RB#0	-26.49	PASS
Band66	5MHz	16QAM	131997	1RB#0	-27.63	PASS
Band66	5MHz	QPSK	131997	1RB#24	-49.42	PASS
Band66	5MHz	16QAM	131997	1RB#24	-49.66	PASS
Band66	5MHz	QPSK	131997	25RB#0	-36.12	PASS
Band66	5MHz	16QAM	131997	25RB#0	-38.45	PASS
Band66	5MHz	QPSK	132647	1RB#0	-49.13	PASS
Band66	5MHz	16QAM	132647	1RB#0	-49.88	PASS
Band66	5MHz	QPSK	132647	1RB#24	-26.22	PASS
Band66	5MHz	16QAM	132647	1RB#24	-27.35	PASS
Band66	5MHz	QPSK	132647	25RB#0	-35.99	PASS
Band66	5MHz	16QAM	132647	25RB#0	-36.51	PASS
Band66	10MHz	QPSK	132022	1RB#0	-33.87	PASS

Band66	10MHz	16QAM	132022	1RB#0	-35.84	PASS
Band66	10MHz	QPSK	132022	1RB#49	-44.95	PASS
Band66	10MHz	16QAM	132022	1RB#49	-44.86	PASS
Band66	10MHz	QPSK	132622	1RB#0	-46.78	PASS
Band66	10MHz	16QAM	132622	1RB#0	-47.12	PASS
Band66	10MHz	QPSK	132622	1RB#49	-34.03	PASS
Band66	10MHz	16QAM	132622	1RB#49	-35.93	PASS
Band66	10MHz	QPSK	132022	50RB#0	-39.19	PASS
Band66	10MHz	QPSK	132622	50RB#0	-37.64	PASS
Band66	15MHz	QPSK	132047	1RB#0	-38.77	PASS
Band66	15MHz	16QAM	132047	1RB#0	-40.24	PASS
Band66	15MHz	QPSK	132047	1RB#74	-49.18	PASS
Band66	15MHz	16QAM	132047	1RB#74	-49.37	PASS
Band66	15MHz	QPSK	132597	1RB#0	-50.48	PASS
Band66	15MHz	16QAM	132597	1RB#0	-50.86	PASS
Band66	15MHz	QPSK	132597	1RB#74	-40.19	PASS
Band66	15MHz	16QAM	132597	1RB#74	-40.80	PASS
Band66	15MHz	QPSK	132047	75RB#0	-39.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	-38.52	PASS
Band66	20MHz	QPSK	132072	1RB#0	-42.02	PASS
Band66	20MHz	16QAM	132072	1RB#0	-43.27	PASS
Band66	20MHz	QPSK	132072	1RB#99	-42.54	PASS
Band66	20MHz	16QAM	132072	1RB#99	-43.07	PASS
Band66	20MHz	QPSK	132572	1RB#0	-44.44	PASS
Band66	20MHz	16QAM	132572	1RB#0	-44.60	PASS
Band66	20MHz	QPSK	132572	1RB#99	-43.81	PASS
Band66	20MHz	16QAM	132572	1RB#99	-43.82	PASS
Band66	20MHz	QPSK	132072	100RB#0	-39.24	PASS
Band66	20MHz	QPSK	132572	100RB#0	-39.94	PASS

Test Graphs

