

FCC LTE Band Test Data

FCC ID : 2BM9D-S25ULTRA

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : S25 Ultra

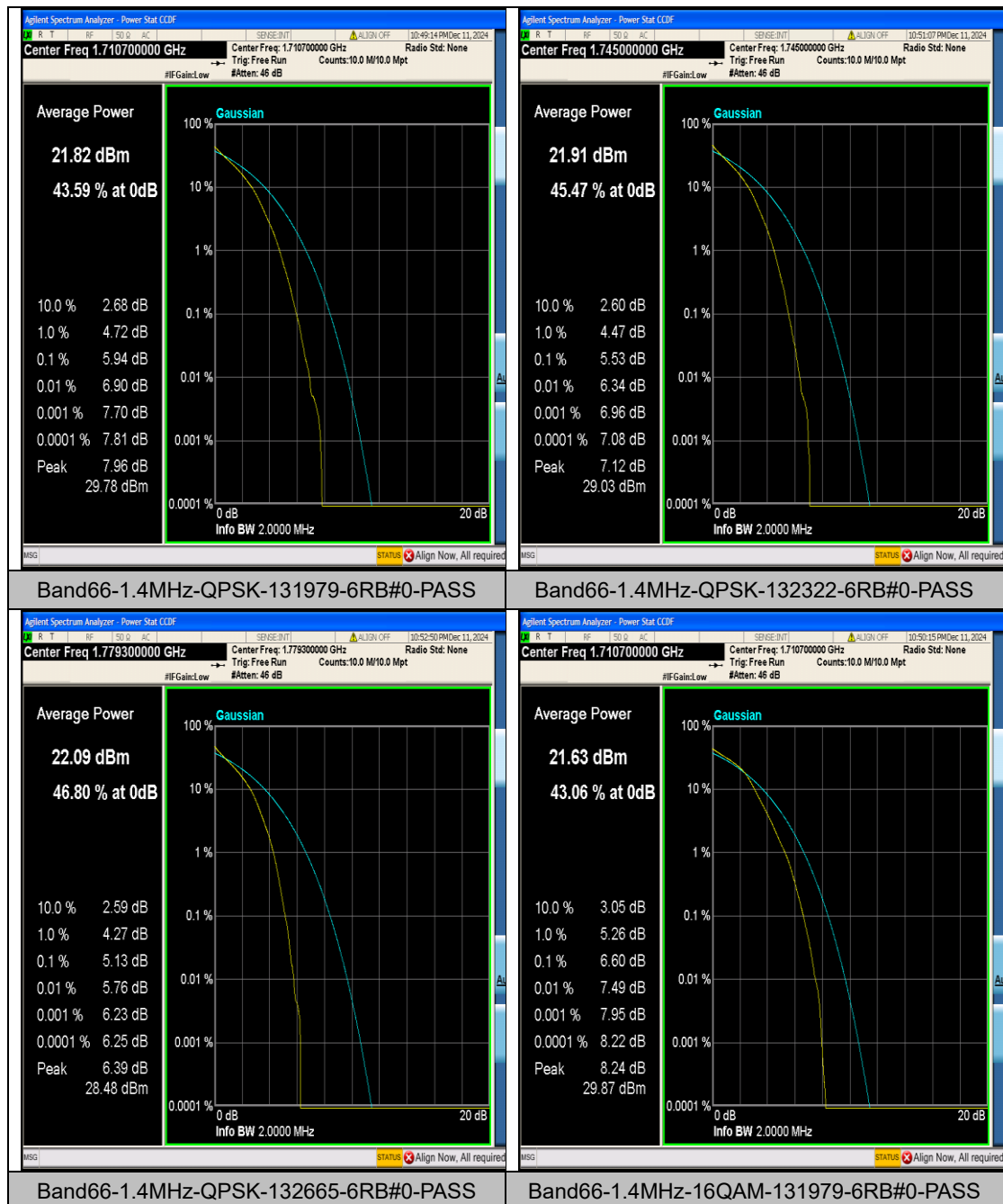
Reviewed By : Eric Wang

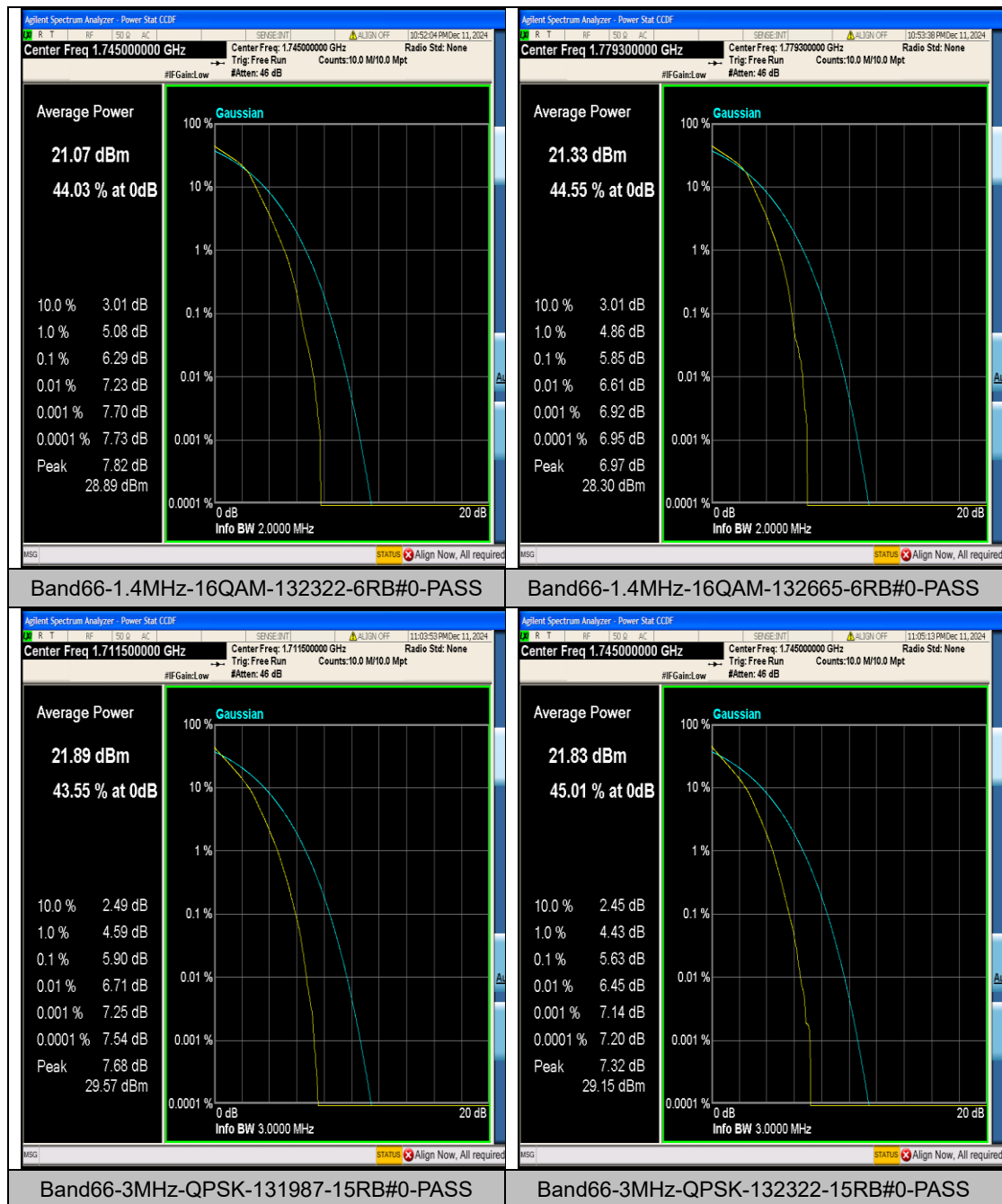
Appendix B: Peak-to-Average Ratio(CCDF)

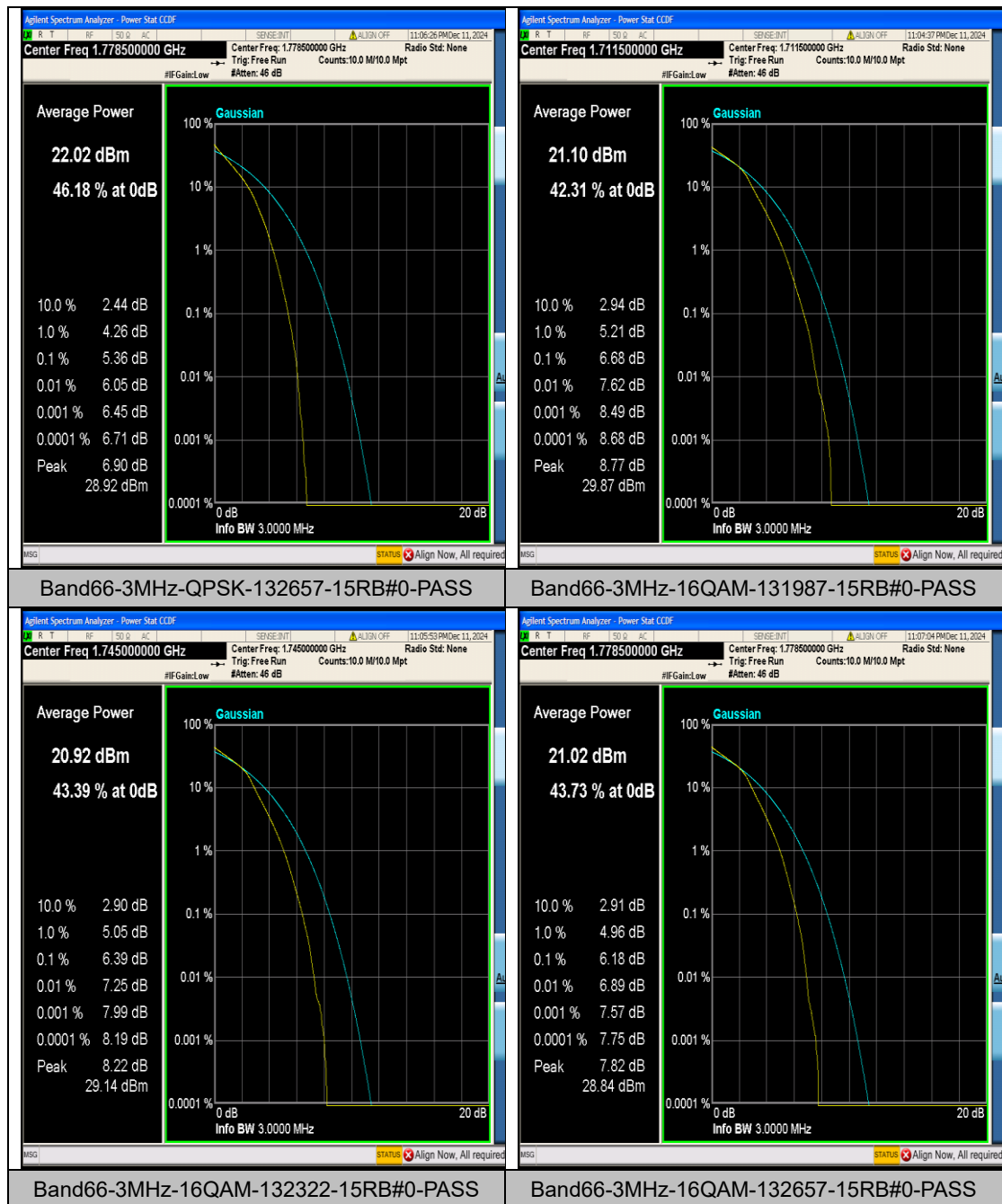
Test Result

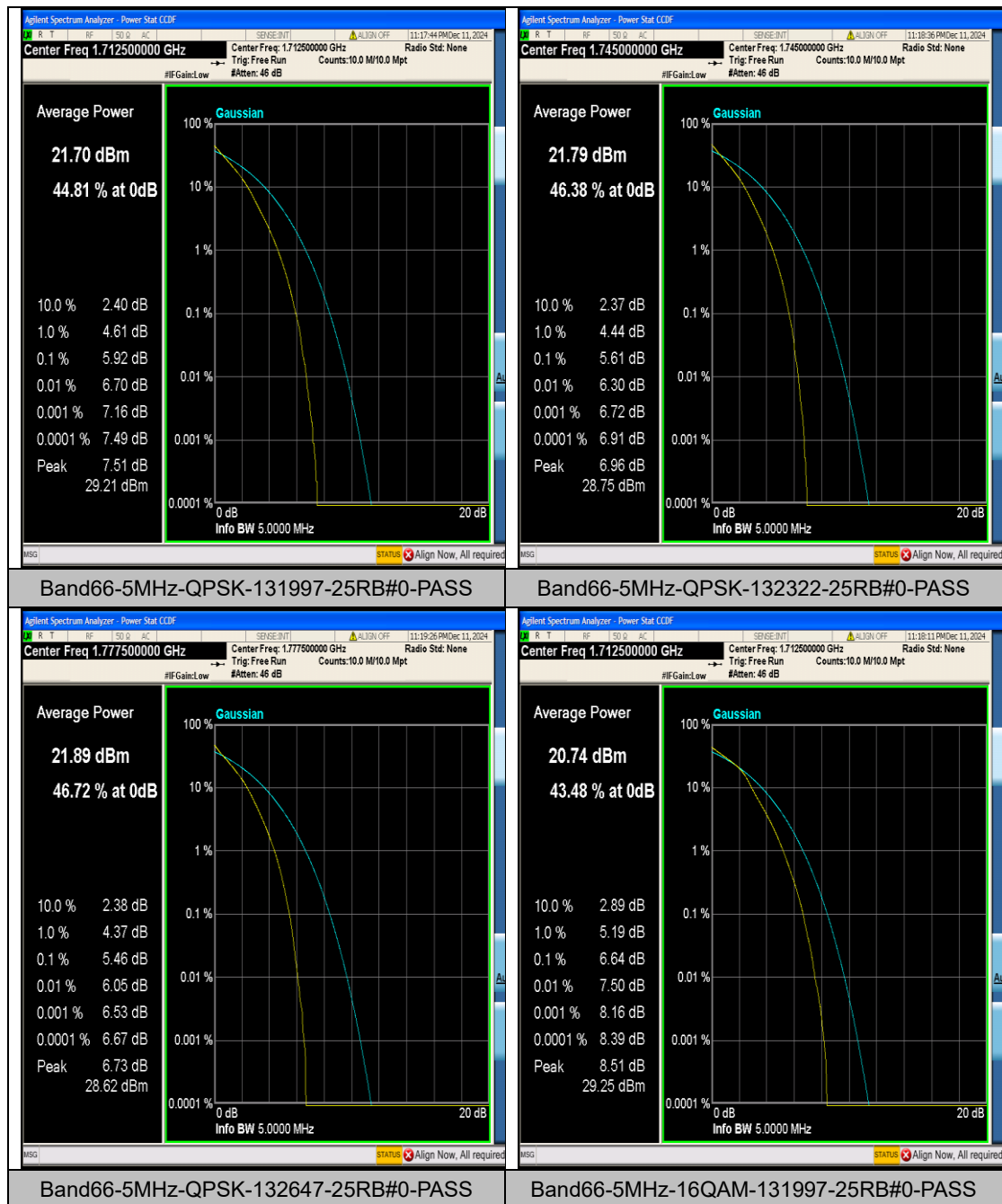
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.94	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.53	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.13	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.60	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.29	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.85	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.90	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.63	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.36	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.68	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.39	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.18	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.92	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.61	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.46	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.64	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.33	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.15	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.97	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.68	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.53	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.73	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.39	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	6.28	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	6.28	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.96	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.87	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.73	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.45	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.40	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.96	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.70	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.65	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.72	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.47	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.42	13	PASS

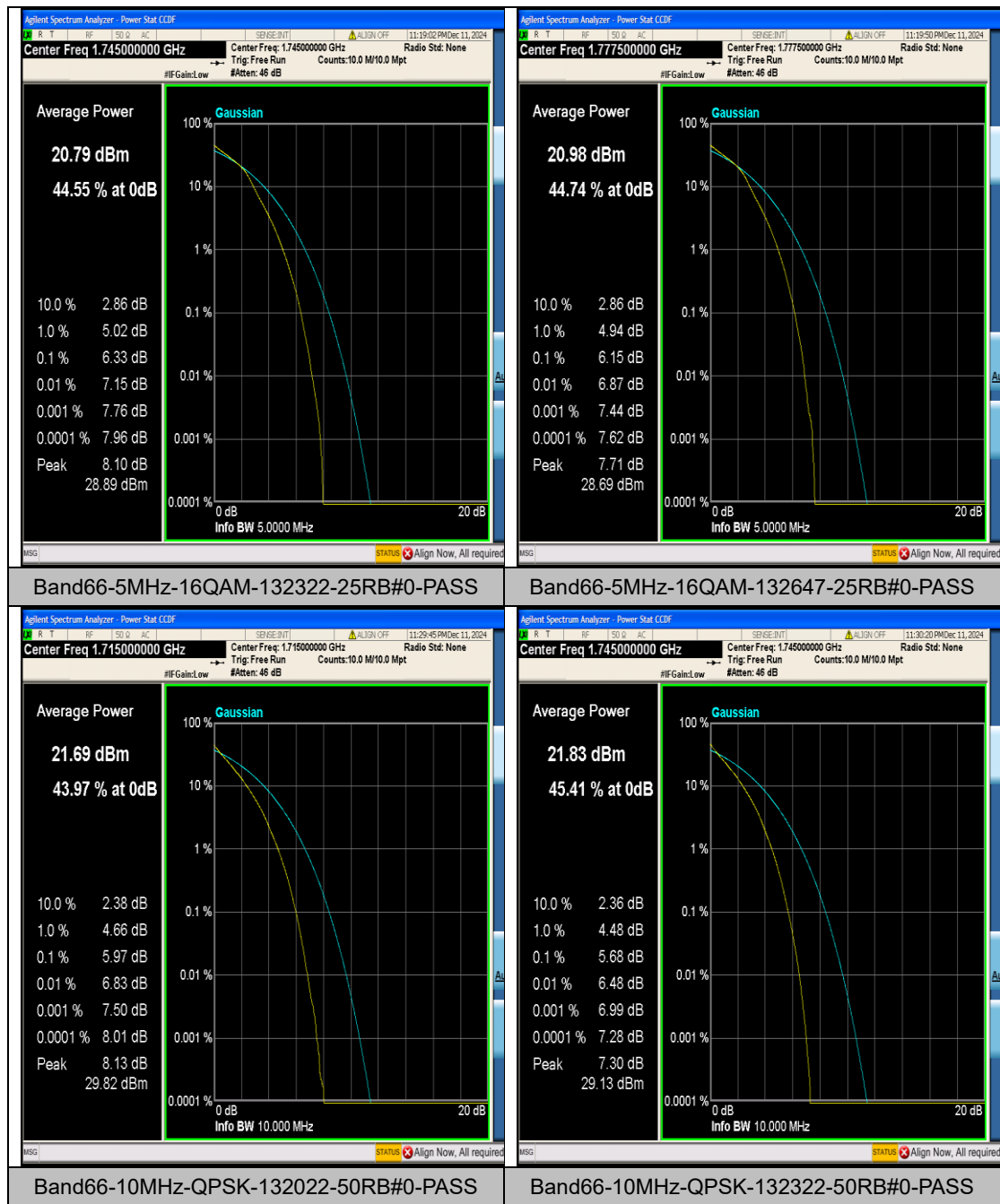
Test Graphs

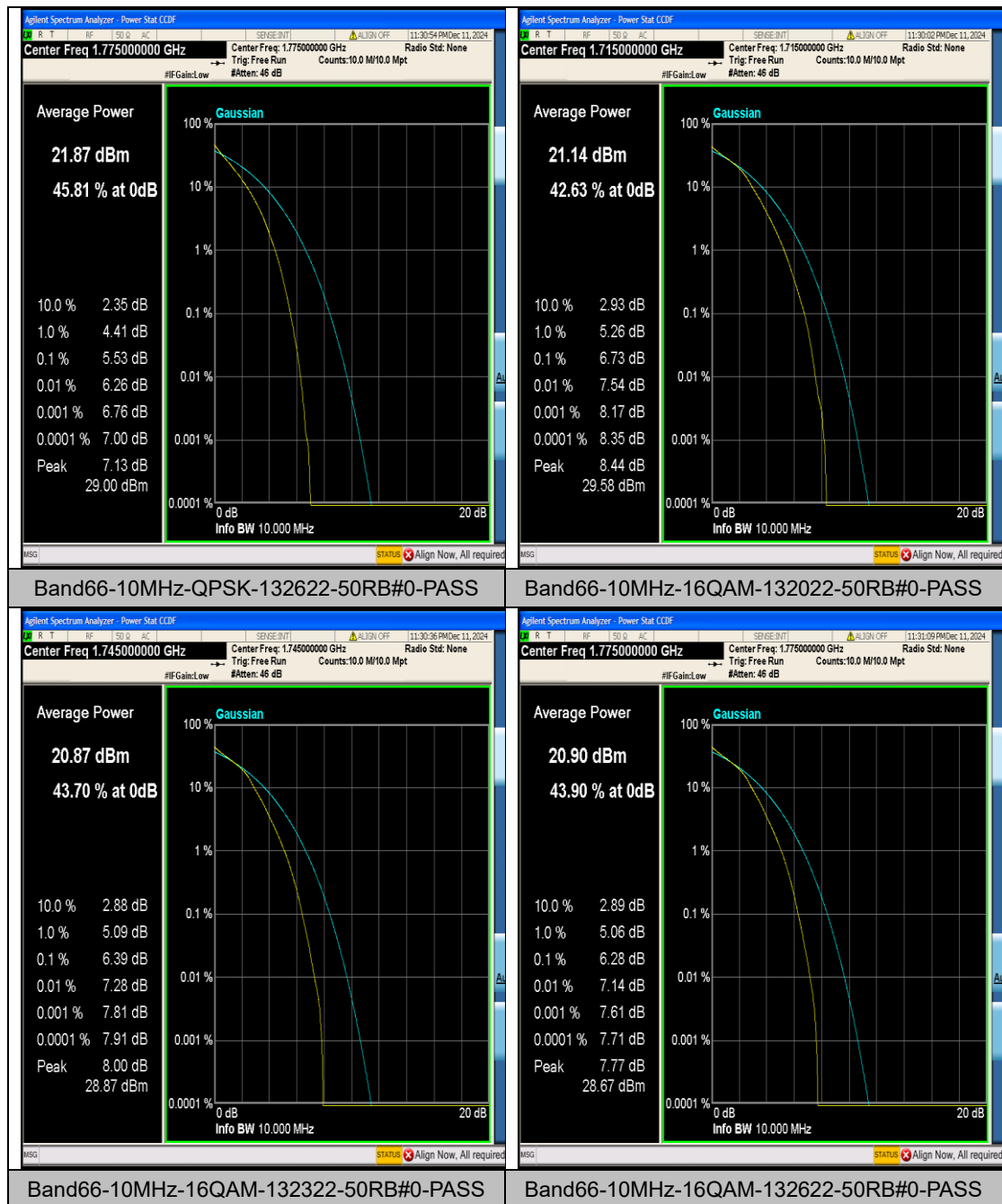


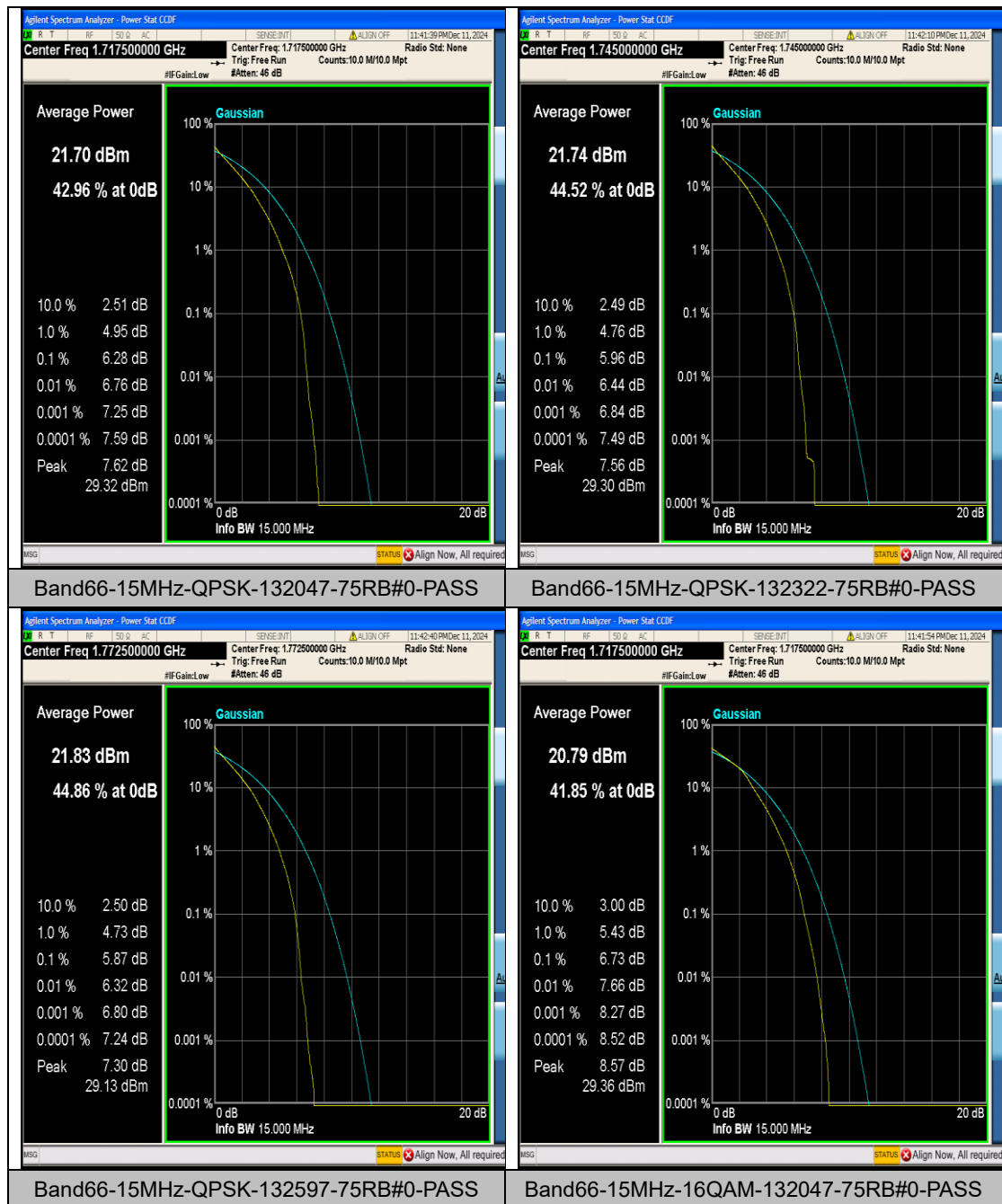


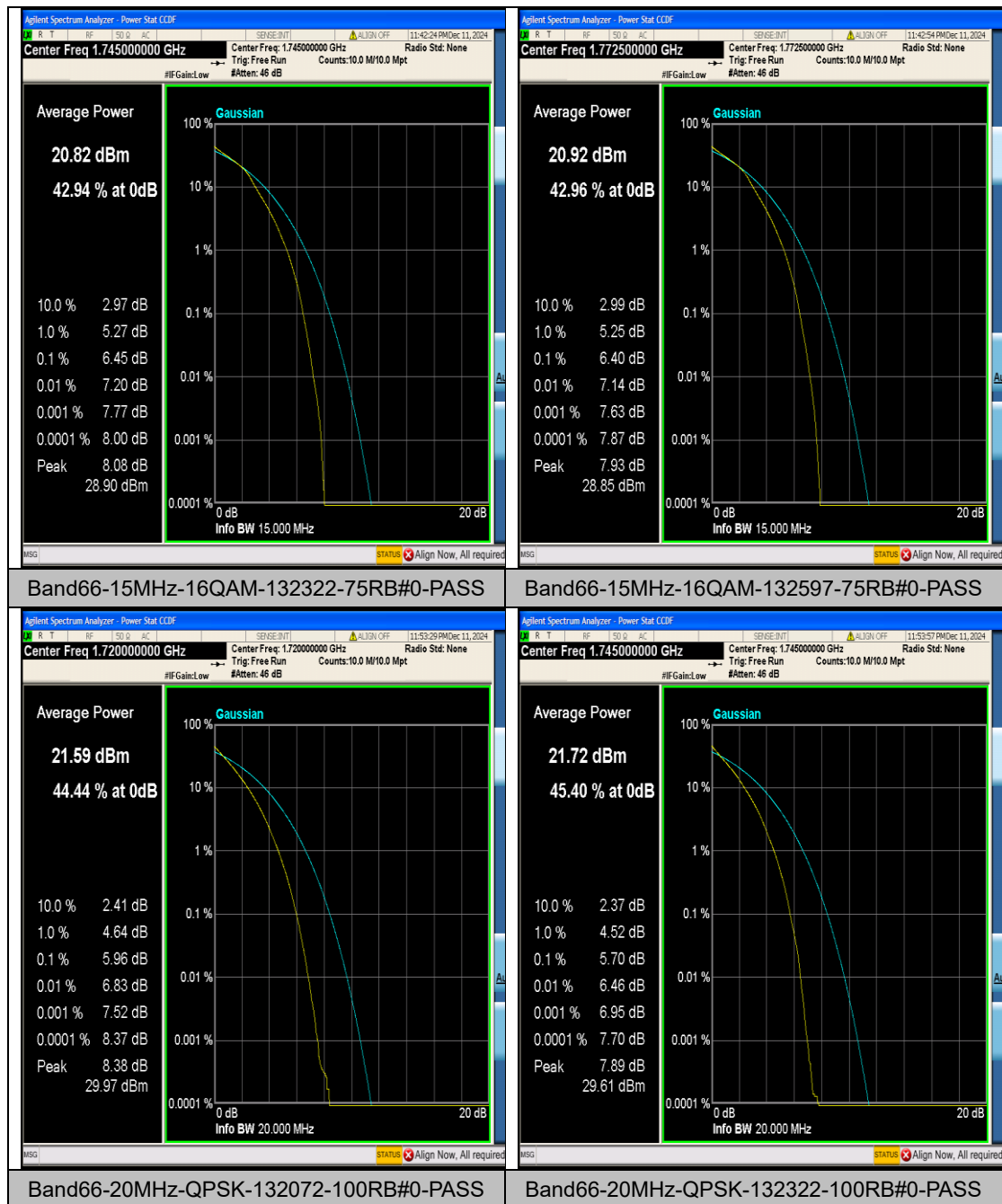


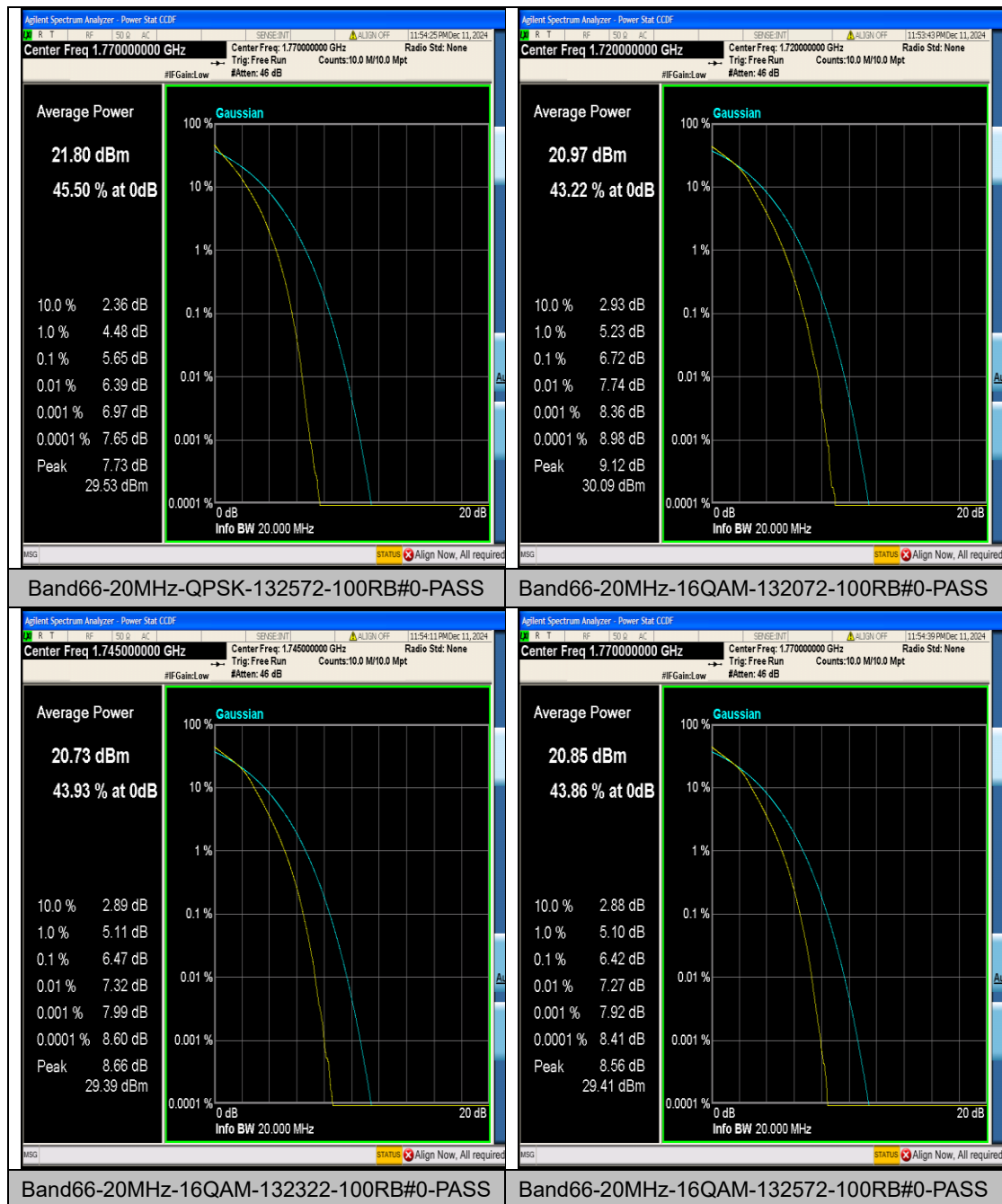












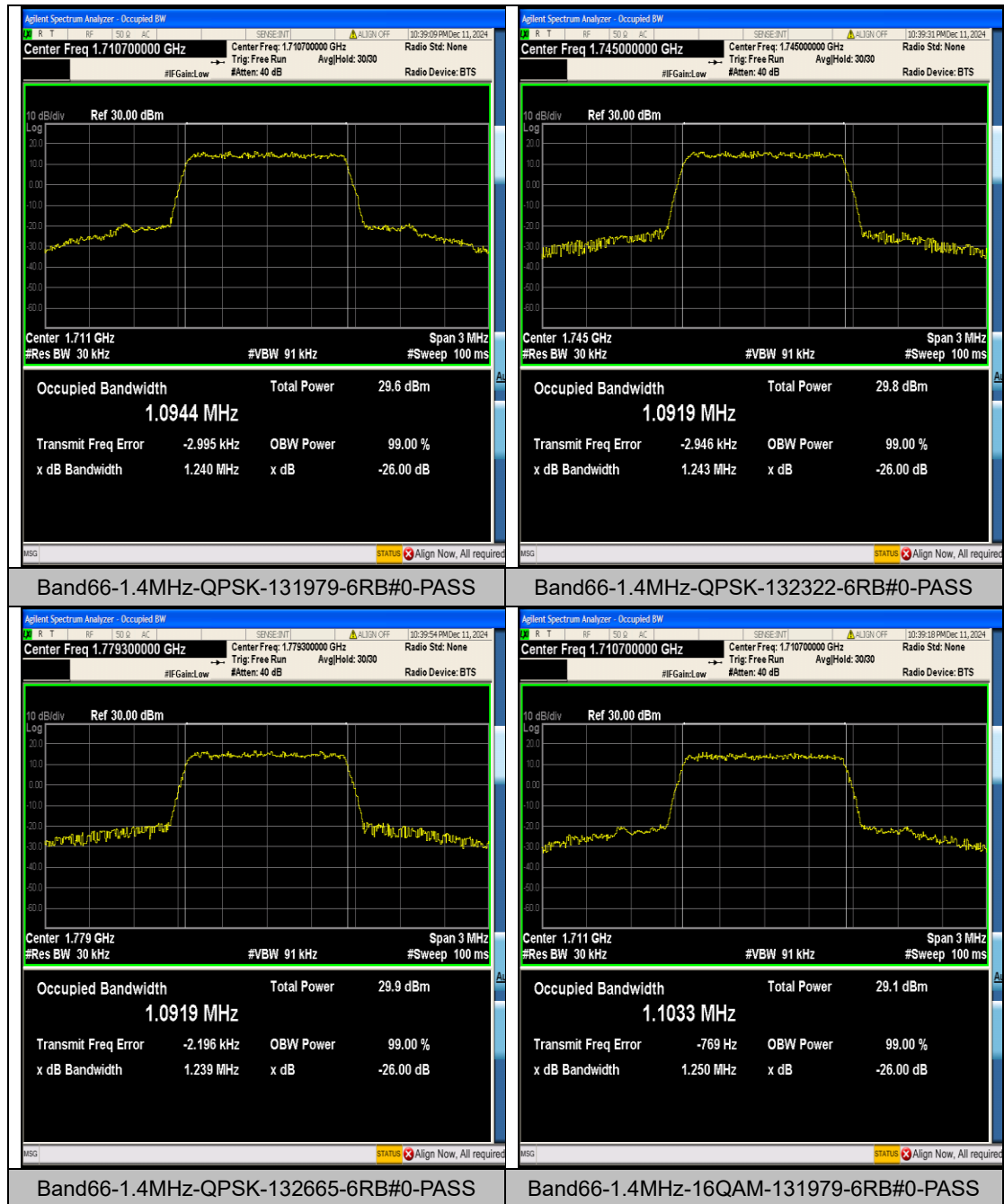
Appendix C: 26dB Bandwidth and Occupied Bandwidth

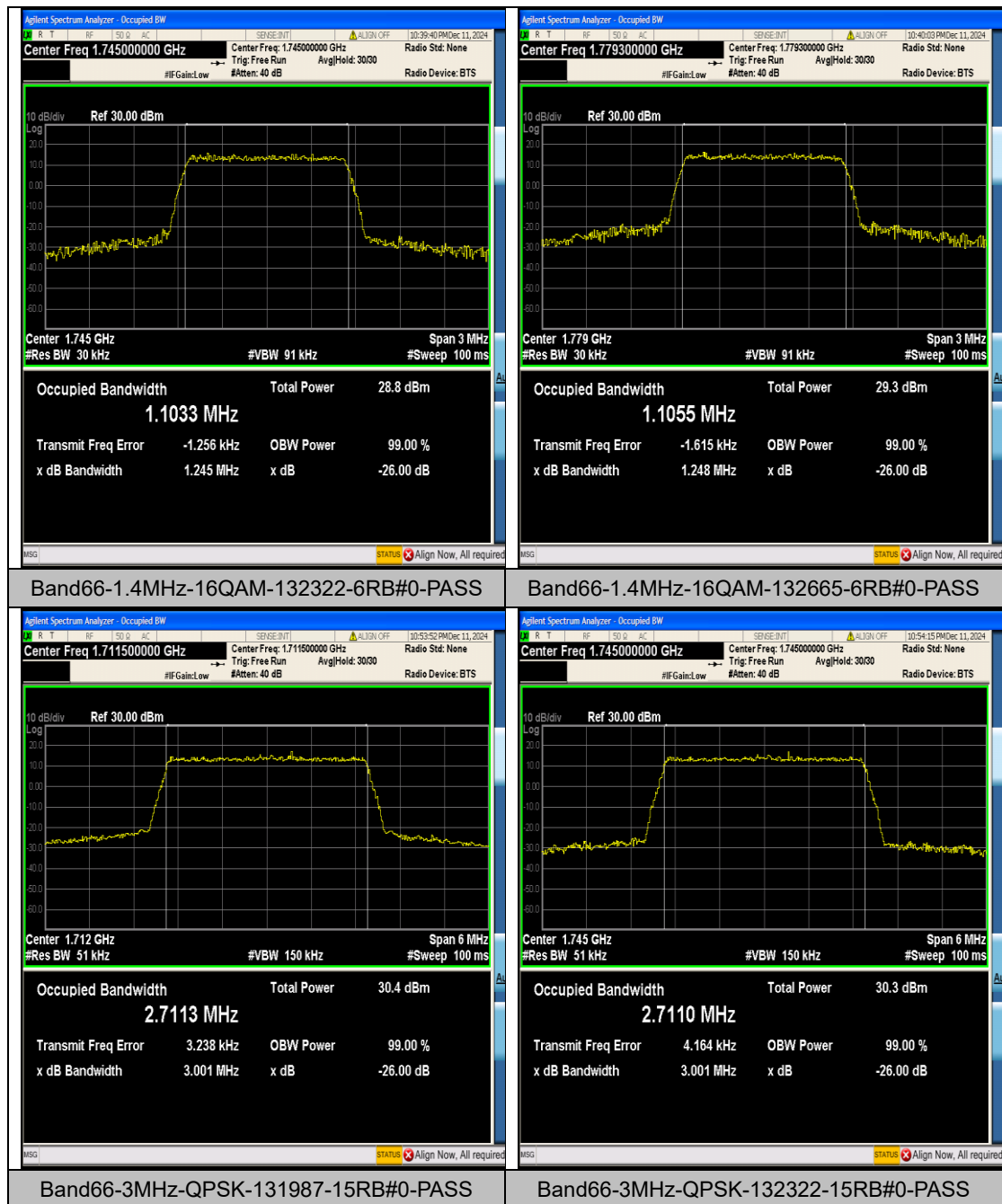
Test Result

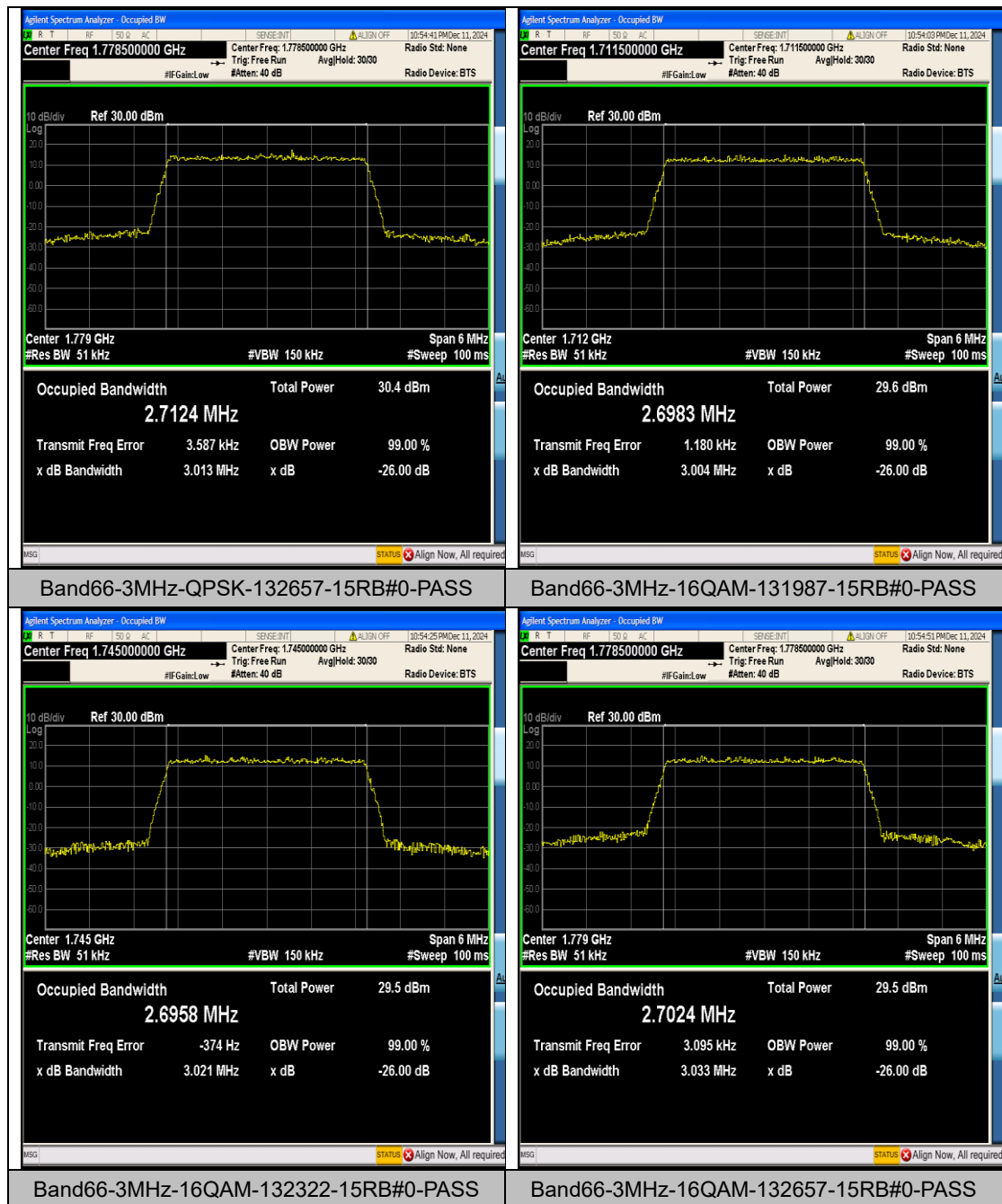
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0944	1.240	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0919	1.243	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0919	1.239	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1033	1.250	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1033	1.245	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1055	1.248	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7113	3.001	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7110	3.001	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7124	3.013	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6983	3.004	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6958	3.021	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7024	3.033	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5079	4.974	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5059	4.968	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5060	4.986	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4979	4.954	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5048	4.954	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5091	4.966	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9949	9.891	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9902	9.880	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0129	9.895	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9992	9.943	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9971	9.937	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9938	9.919	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.520	14.84	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.509	14.97	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.509	14.95	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.502	14.95	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.498	14.92	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.494	14.86	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.013	19.75	PASS
Band66	20MHz	QPSK	132322	100RB#0	18.015	19.69	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.984	19.73	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.017	19.72	PASS

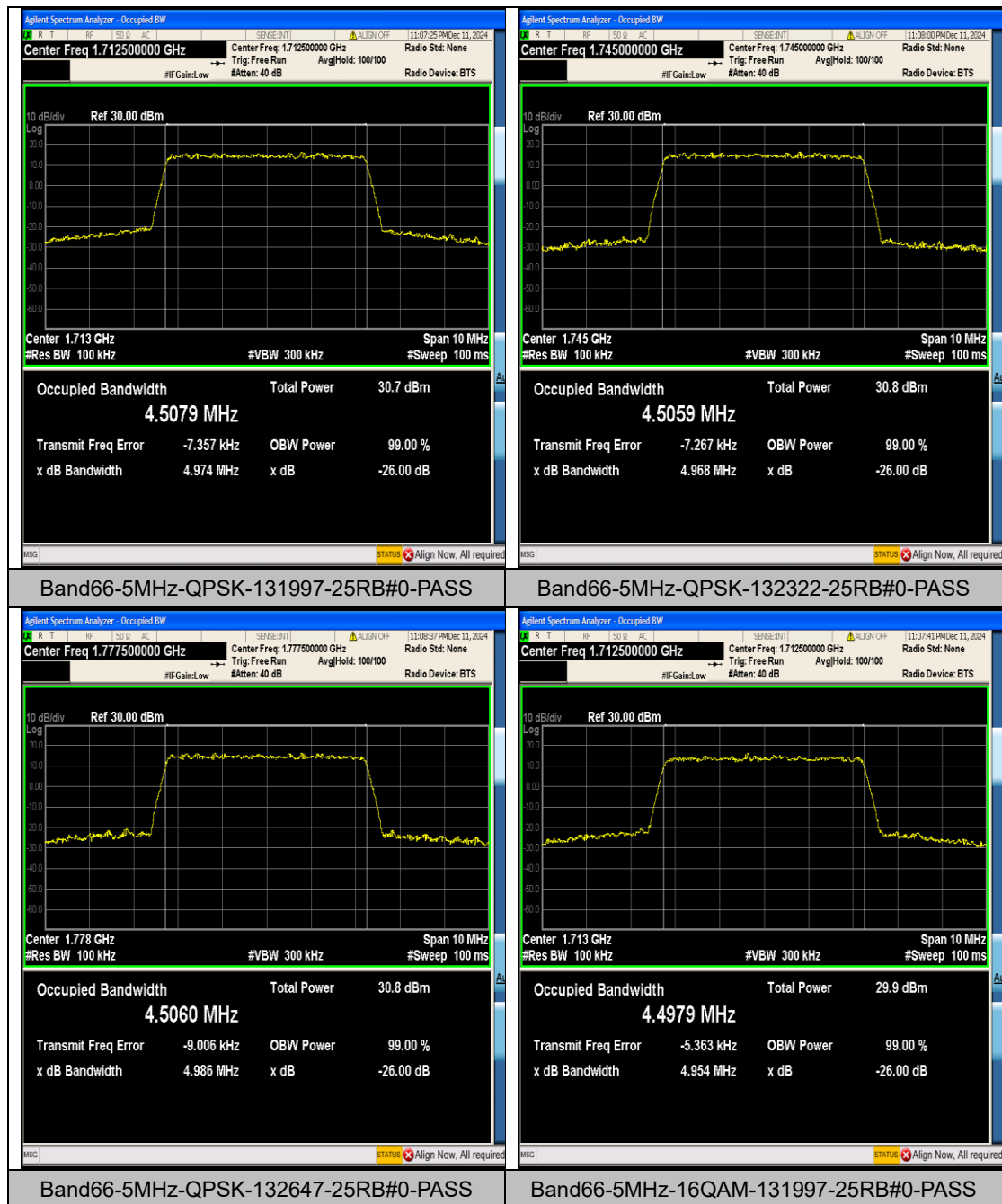
Band66	20MHz	16QAM	132322	100RB#0	17.993	19.76	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.057	19.75	PASS

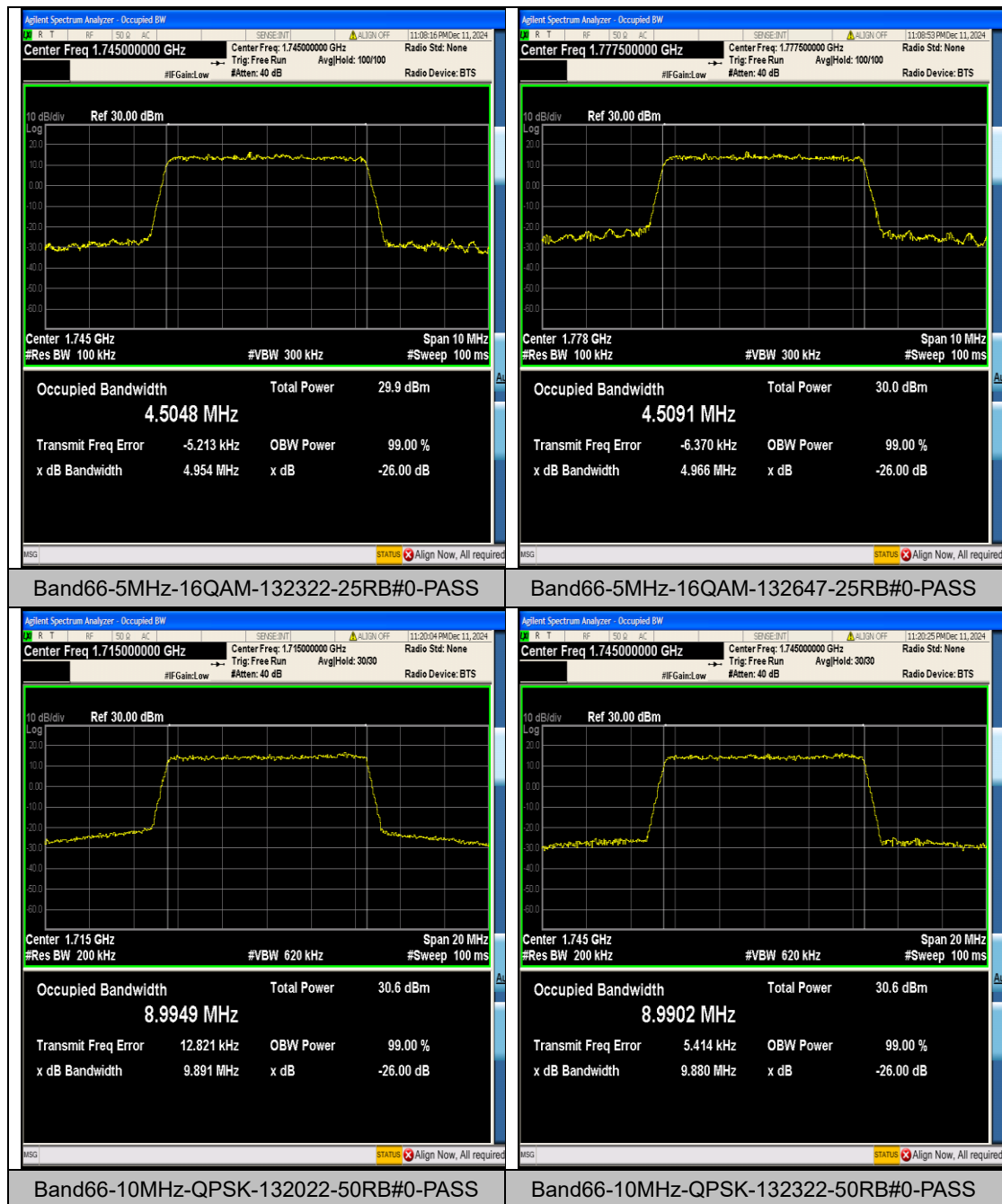
Test Graphs

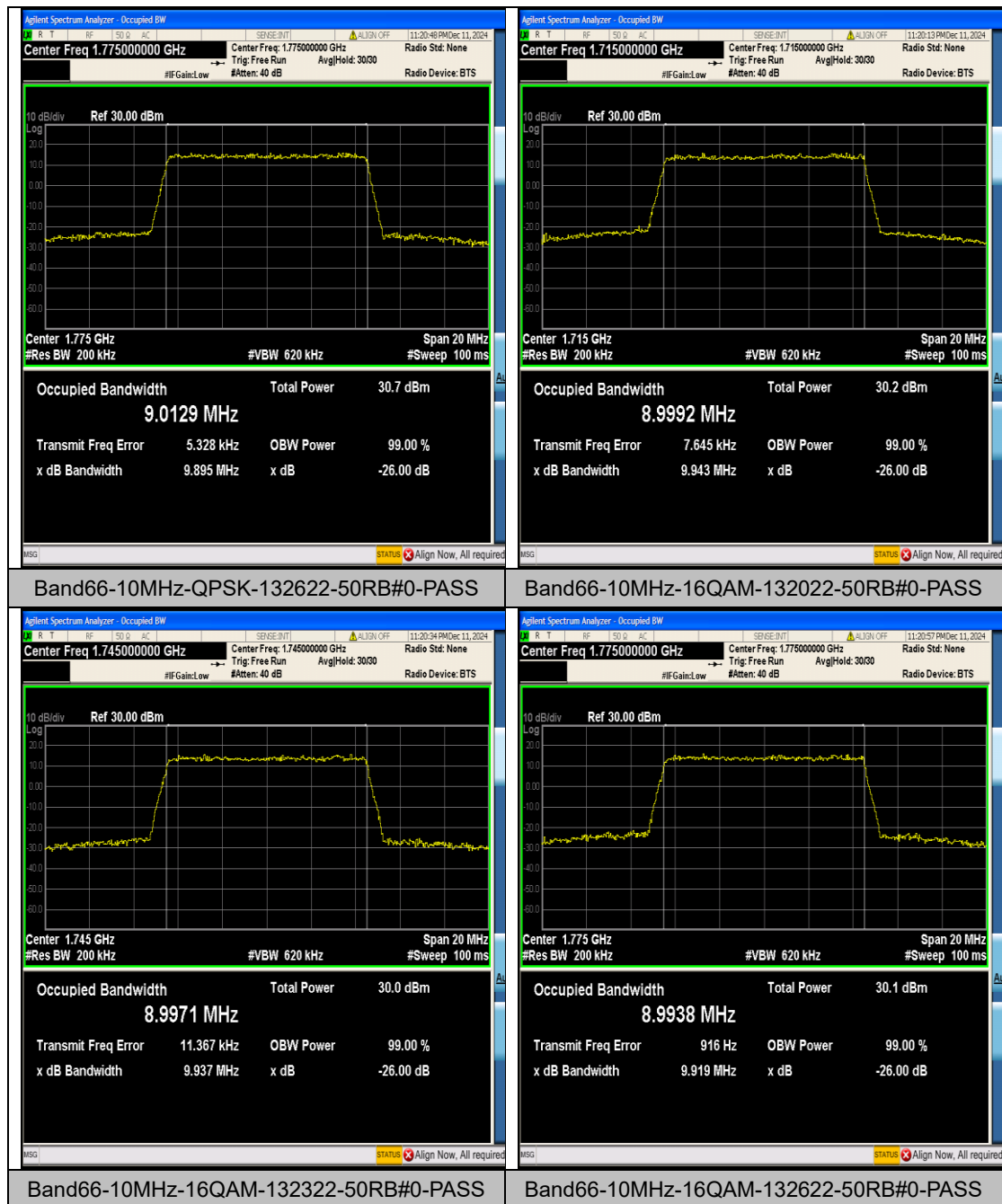


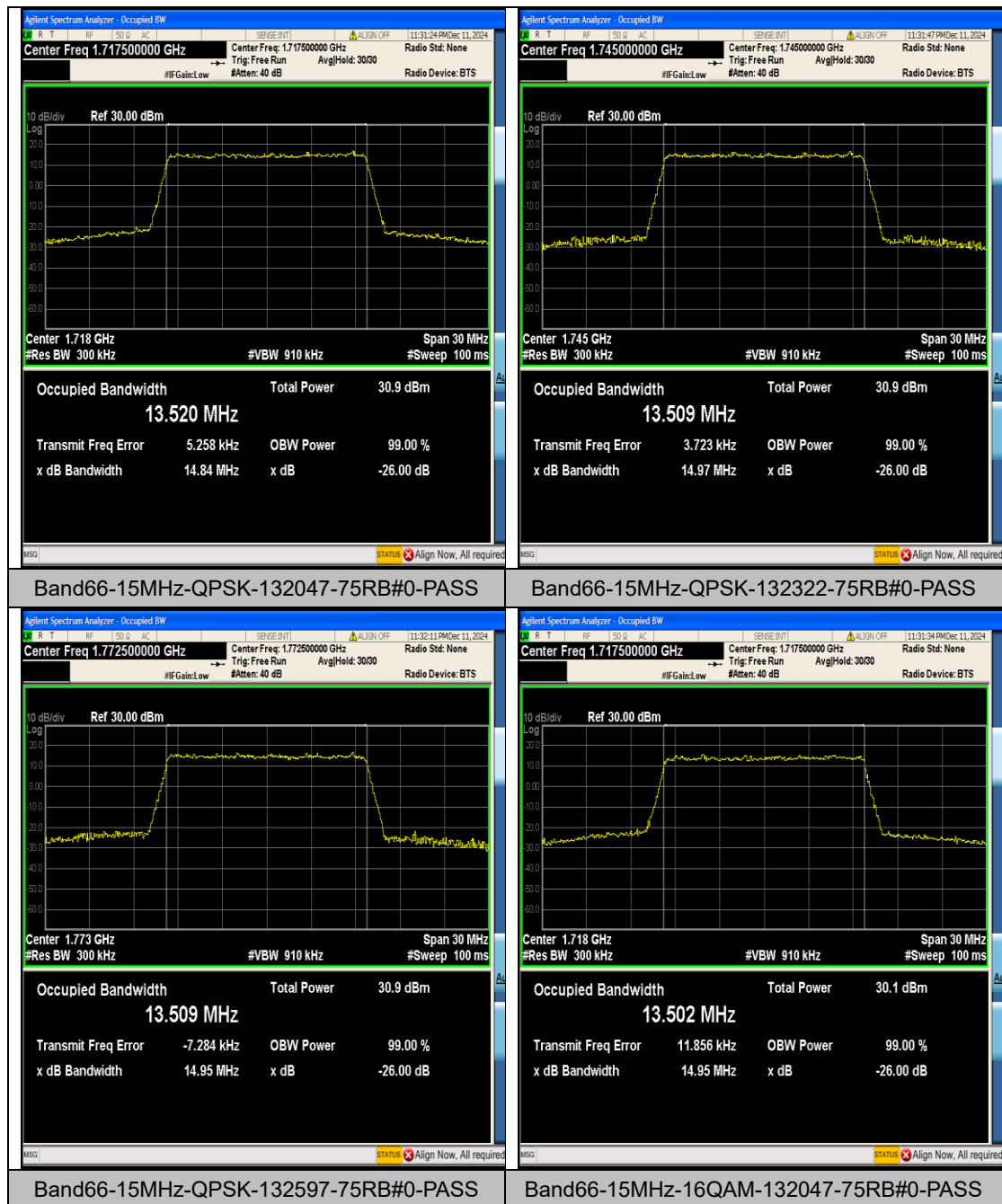


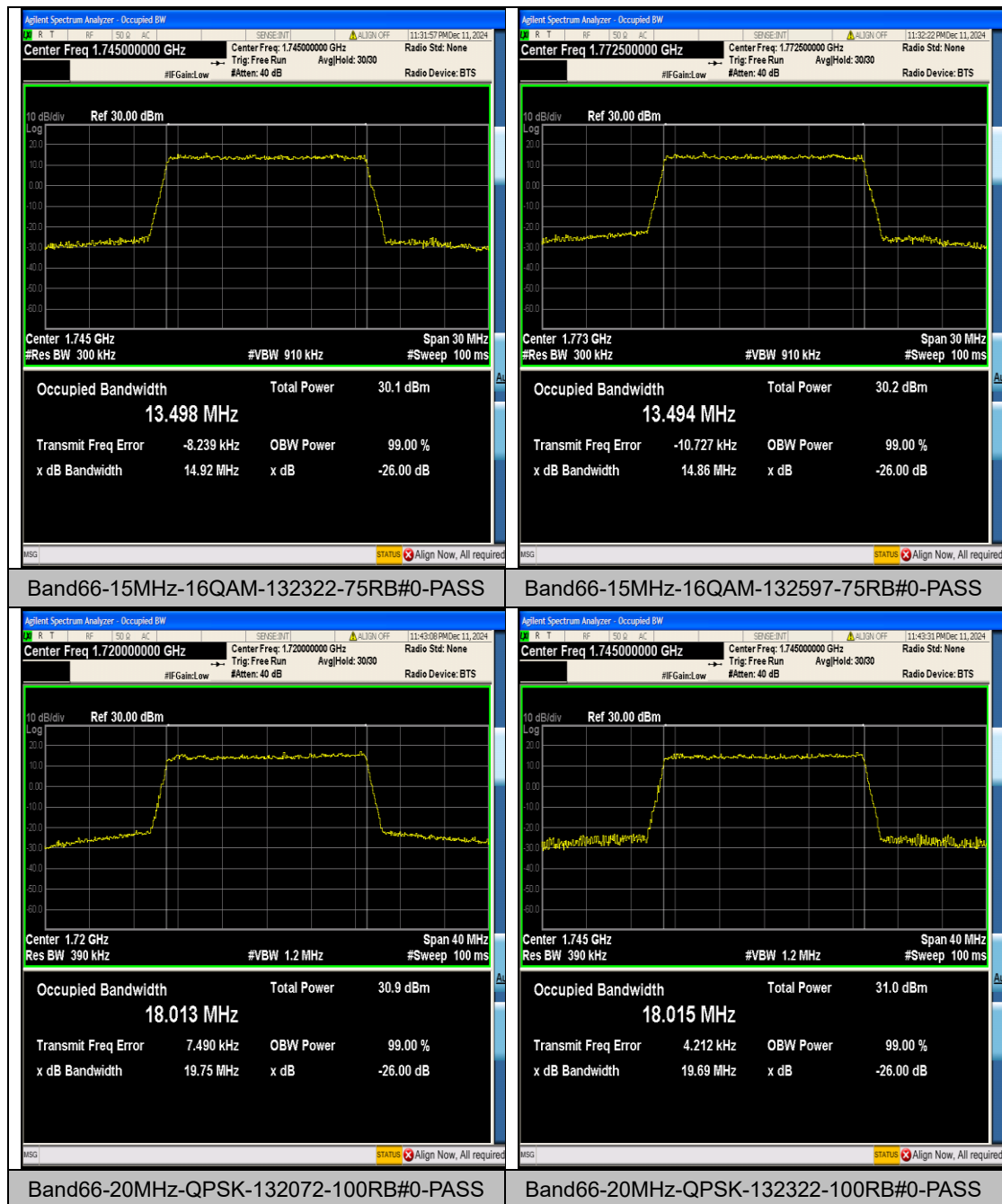


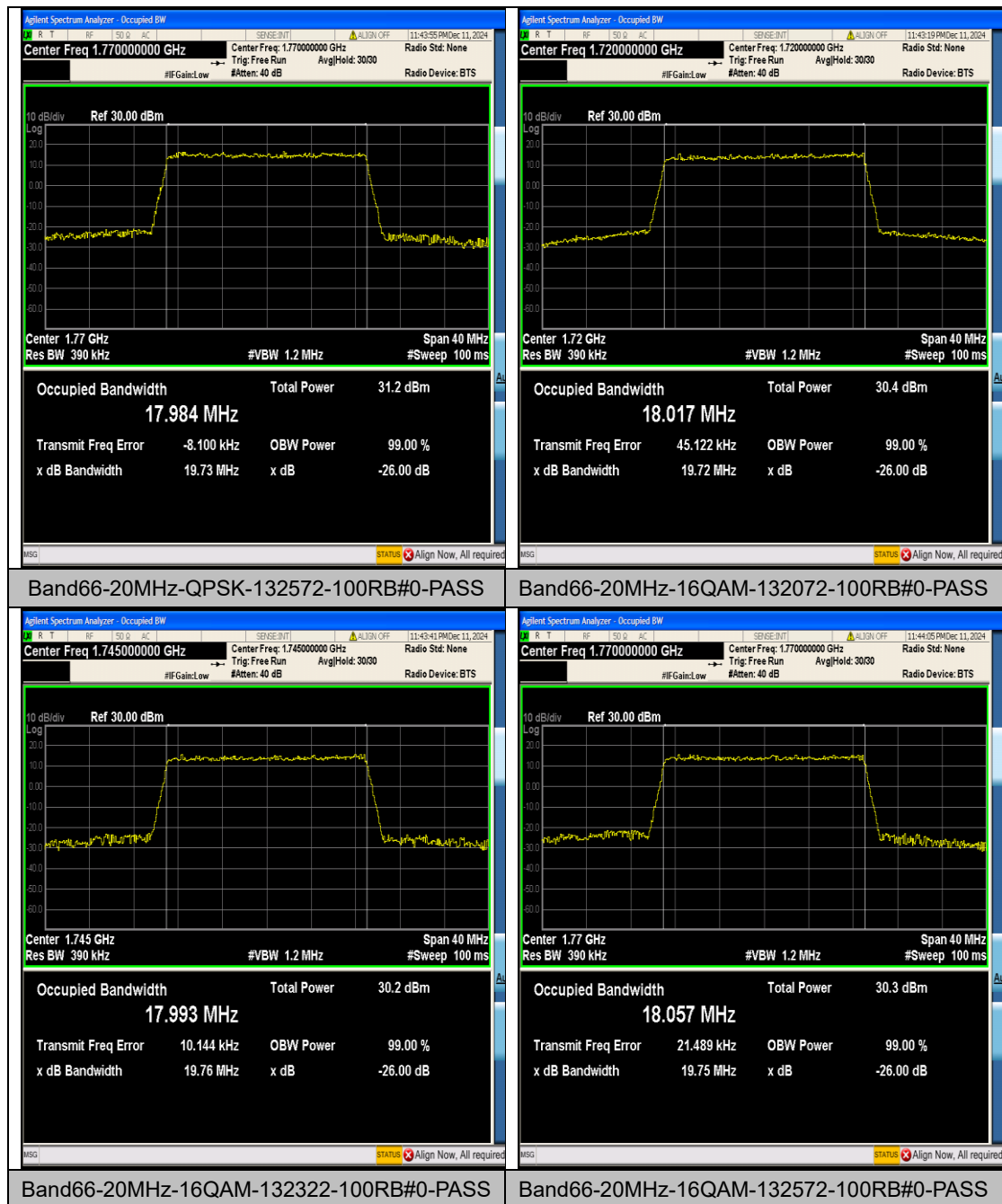












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-28.70	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-31.71	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-26.46	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-31.69	PASS
Band66	3MHz	QPSK	131987	15RB#0	-24.87	PASS
Band66	3MHz	QPSK	132657	15RB#0	-29.20	PASS
Band66	3MHz	16QAM	131987	15RB#0	-25.75	PASS
Band66	3MHz	16QAM	132657	15RB#0	-30.83	PASS
Band66	5MHz	QPSK	131997	25RB#0	-25.12	PASS
Band66	5MHz	QPSK	132647	25RB#0	-30.99	PASS
Band66	5MHz	16QAM	131997	25RB#0	-26.28	PASS
Band66	5MHz	16QAM	132647	25RB#0	-31.91	PASS
Band66	10MHz	QPSK	132022	50RB#0	-26.98	PASS
Band66	10MHz	QPSK	132622	50RB#0	-32.84	PASS
Band66	10MHz	16QAM	132022	50RB#0	-27.88	PASS
Band66	10MHz	16QAM	132622	50RB#0	-33.57	PASS
Band66	15MHz	QPSK	132047	75RB#0	-27.69	PASS
Band66	15MHz	QPSK	132597	75RB#0	-33.40	PASS
Band66	15MHz	16QAM	132047	75RB#0	-28.74	PASS
Band66	15MHz	16QAM	132597	75RB#0	-34.48	PASS
Band66	20MHz	QPSK	132072	100RB#0	-30.22	PASS
Band66	20MHz	QPSK	132572	100RB#0	-34.68	PASS
Band66	20MHz	16QAM	132072	100RB#0	-30.91	PASS
Band66	20MHz	16QAM	132572	100RB#0	-35.58	PASS

Test Graphs

