

FCC LTE Band Test Data

FCC ID : 2BHCY-X100

Company: : Shenzhen ThreeTigers Trading co..Ltd.

EUT : Mobile Phone

Model Number : X100

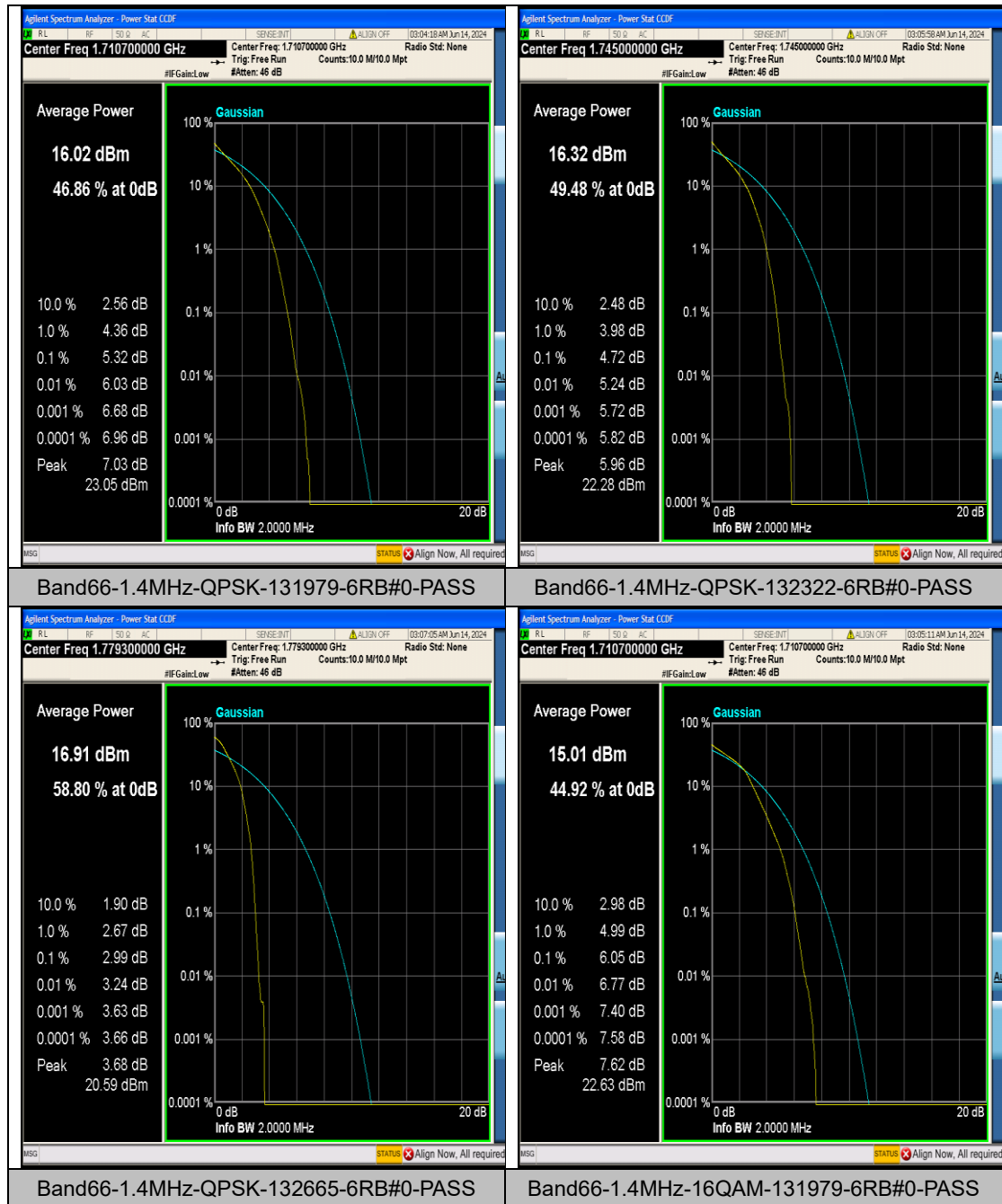
Reviewed By : Eric Wang

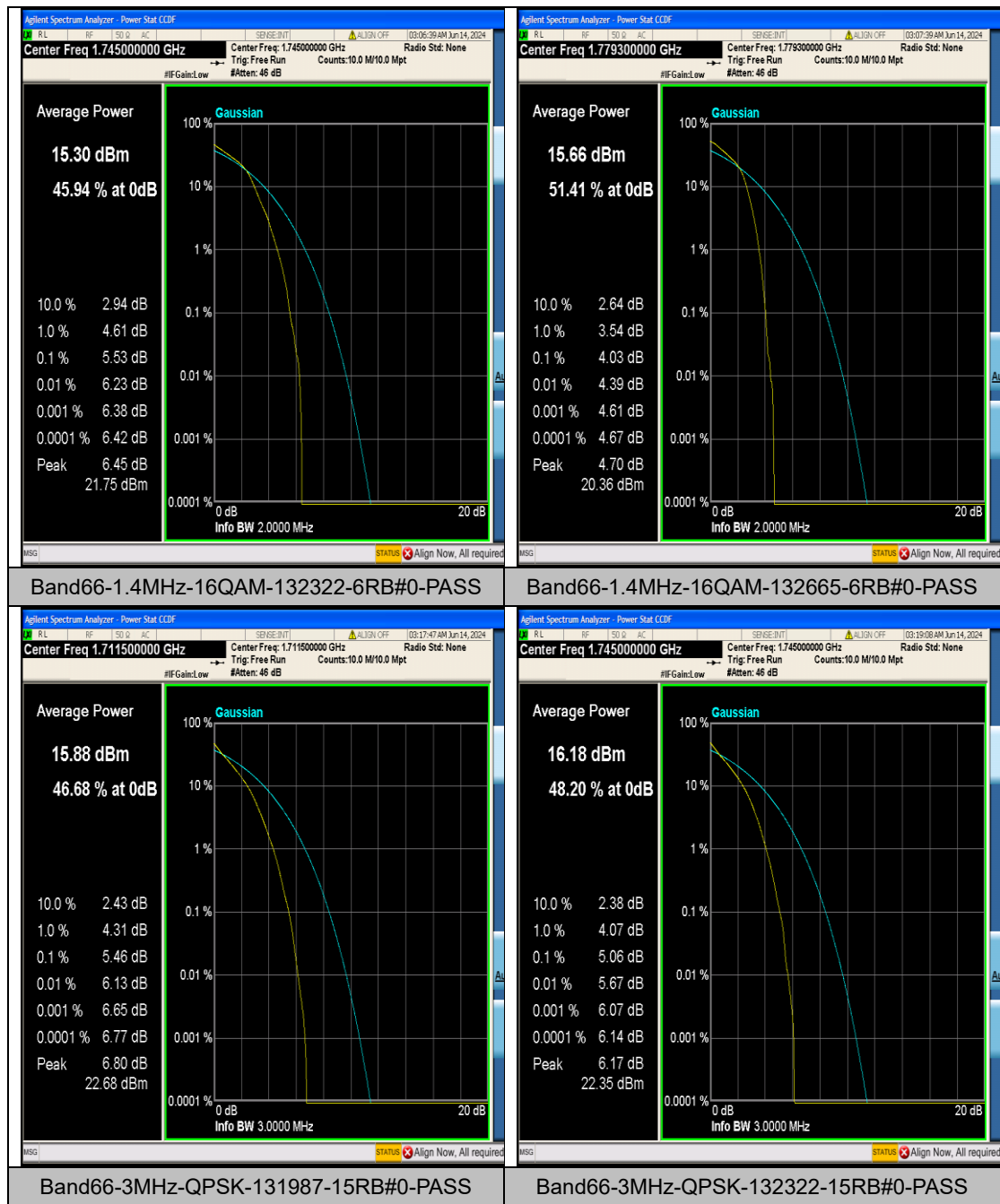
Appendix B: Peak-to-Average Ratio(CCDF)

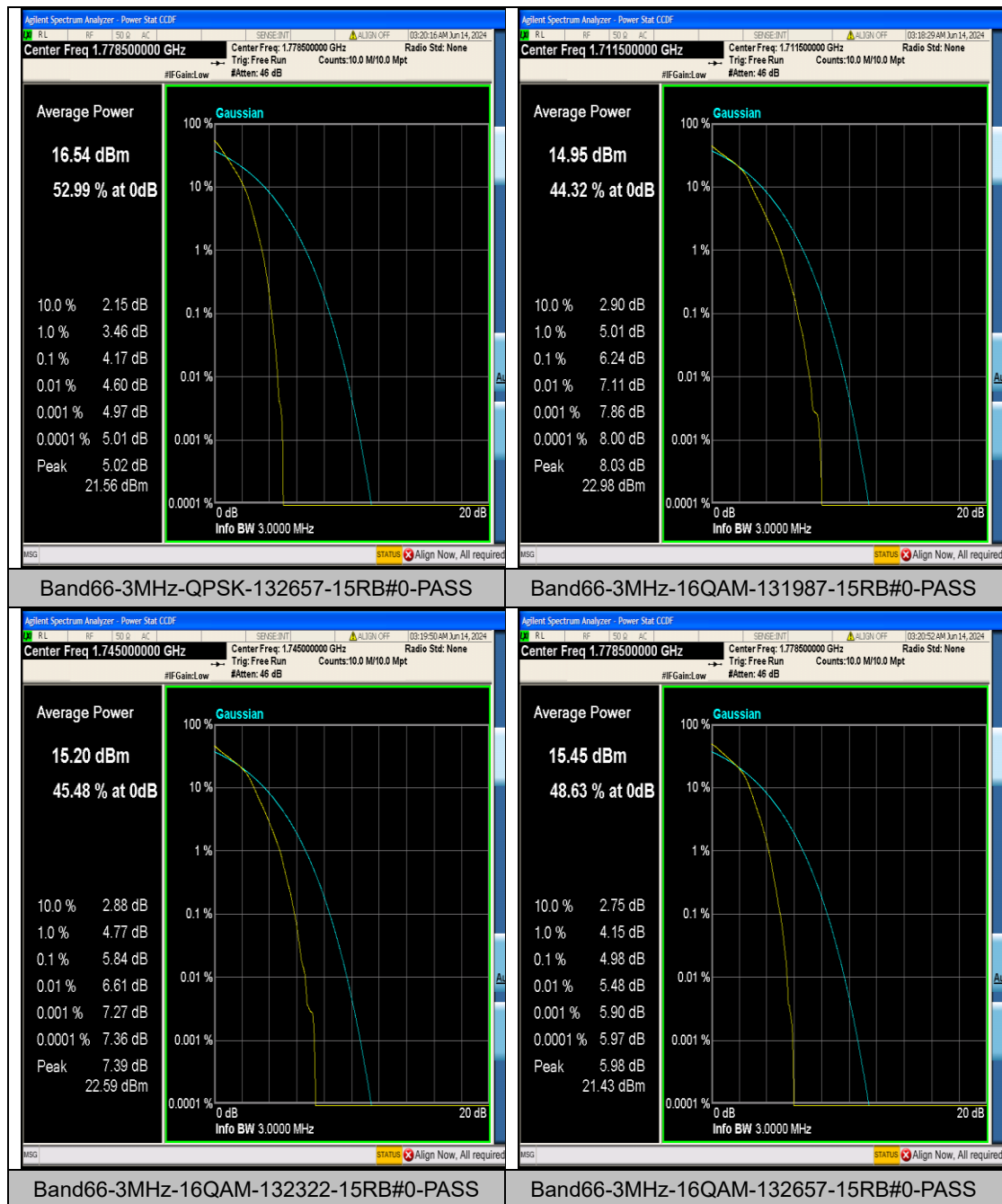
Test Result

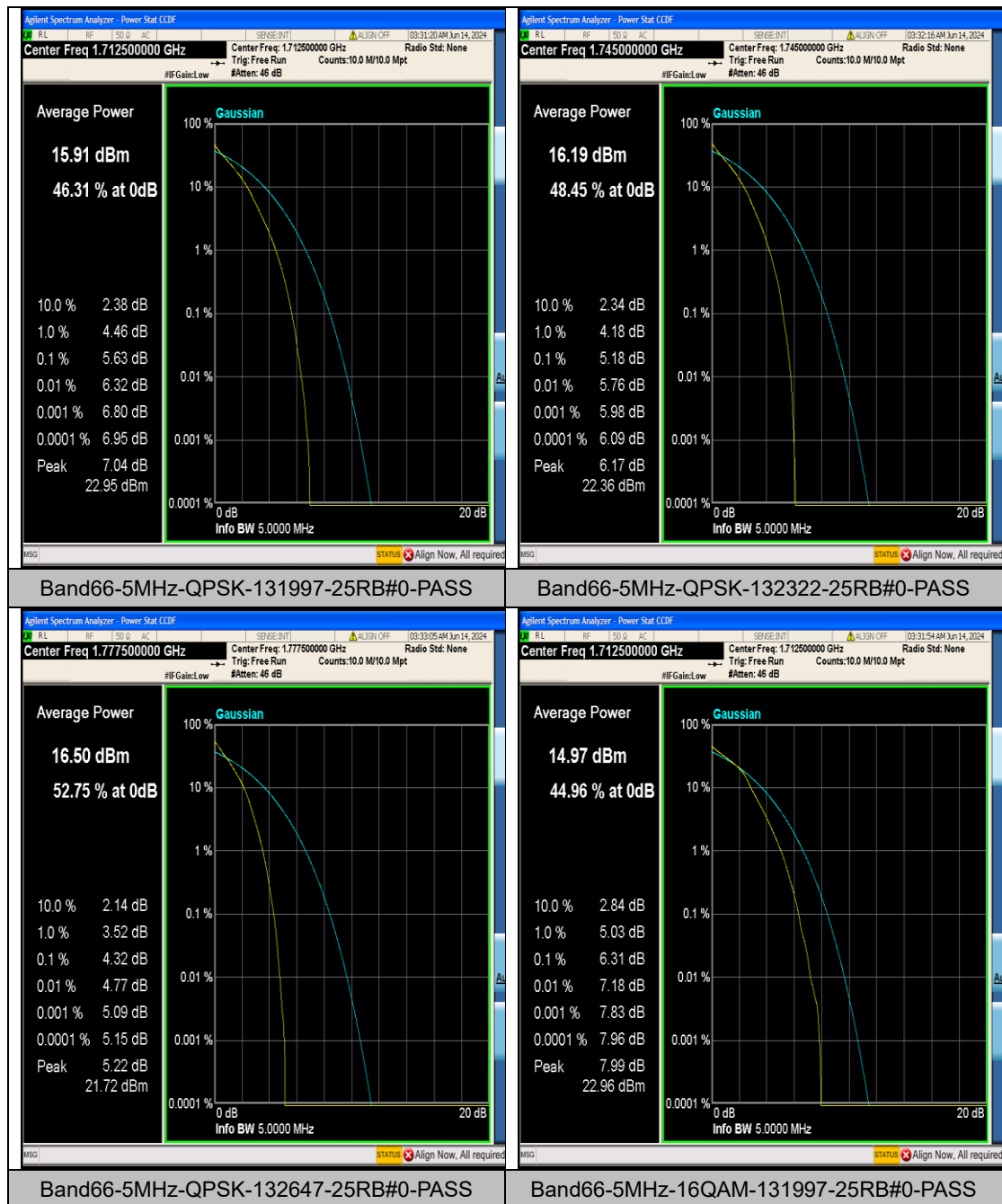
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.32	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.72	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	2.99	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.05	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.53	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	4.03	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.46	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.06	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.17	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.24	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.84	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	4.98	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.63	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.18	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.32	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.31	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.86	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.03	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.60	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.20	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.45	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.34	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.89	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.16	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.86	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.36	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	4.61	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.35	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.97	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.32	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.56	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.18	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.59	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.32	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.92	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.40	13	PASS

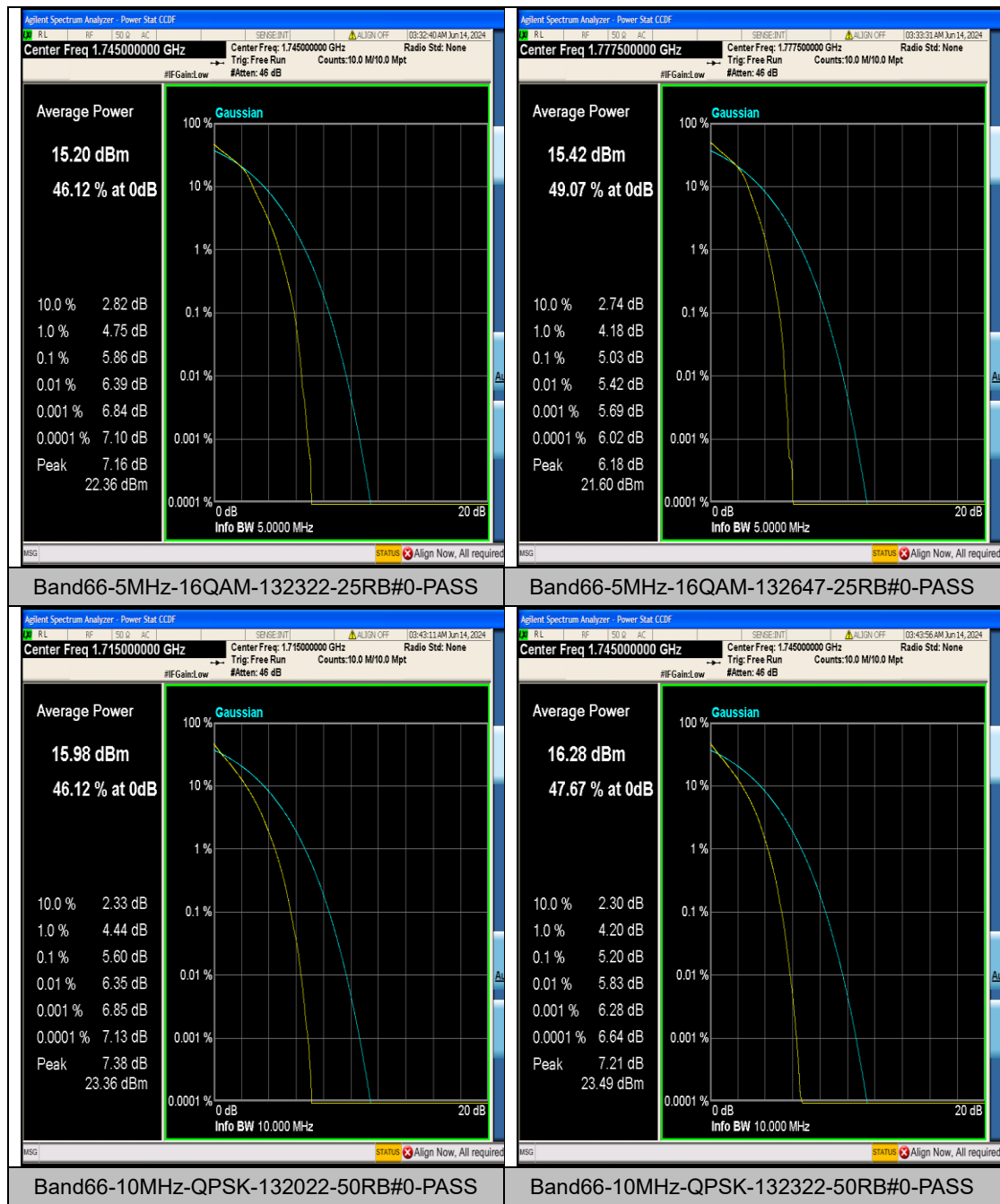
Test Graphs

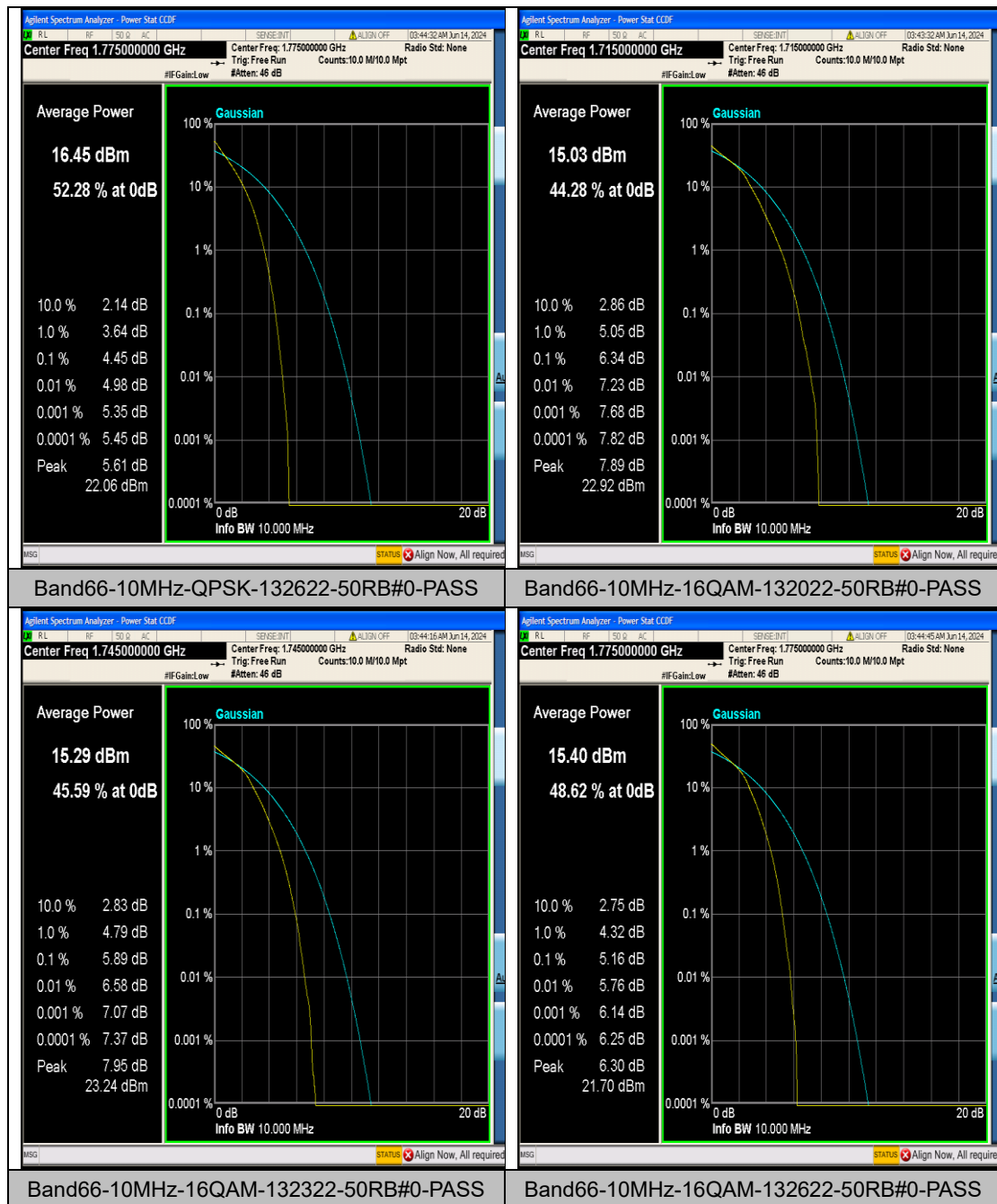


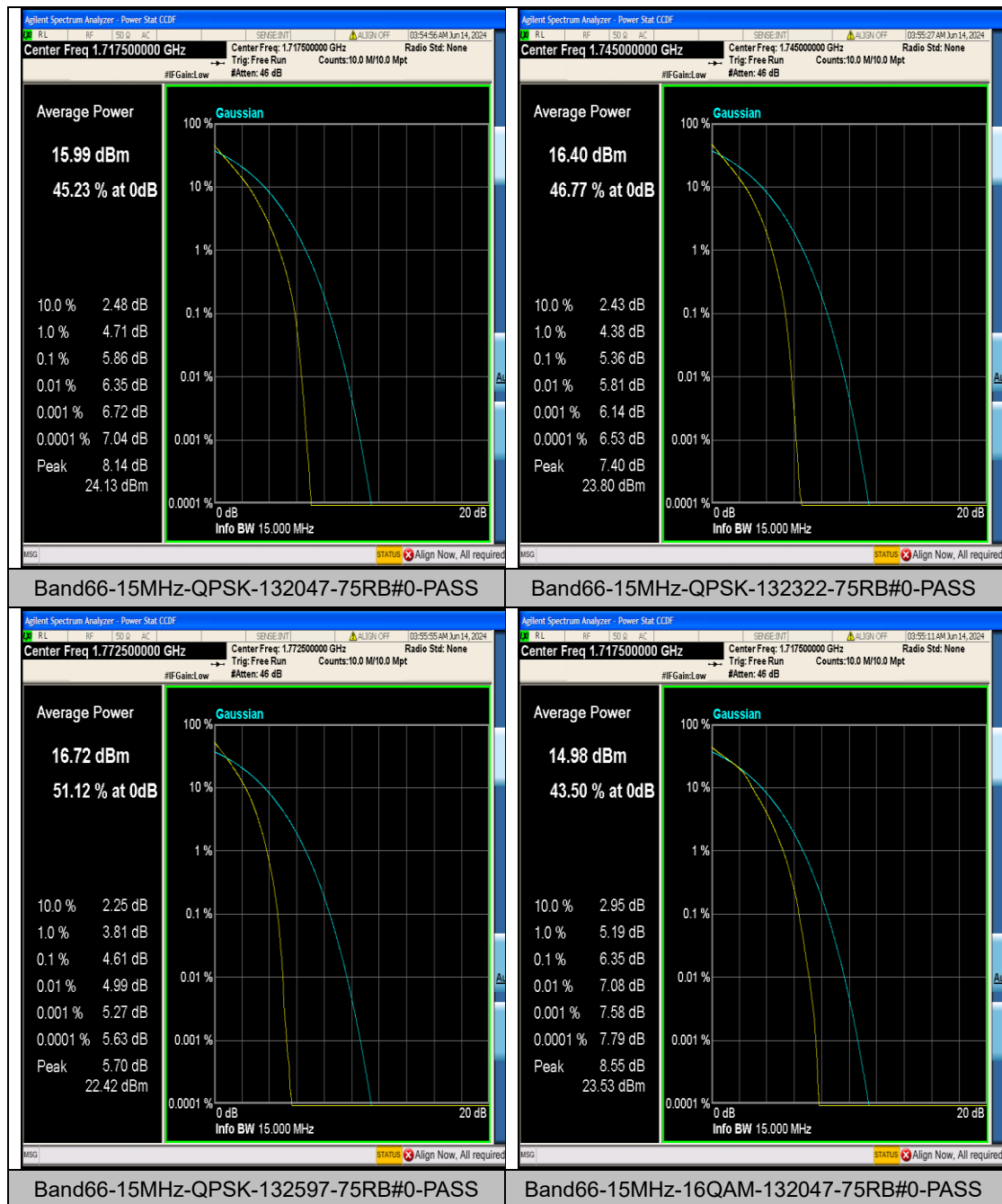


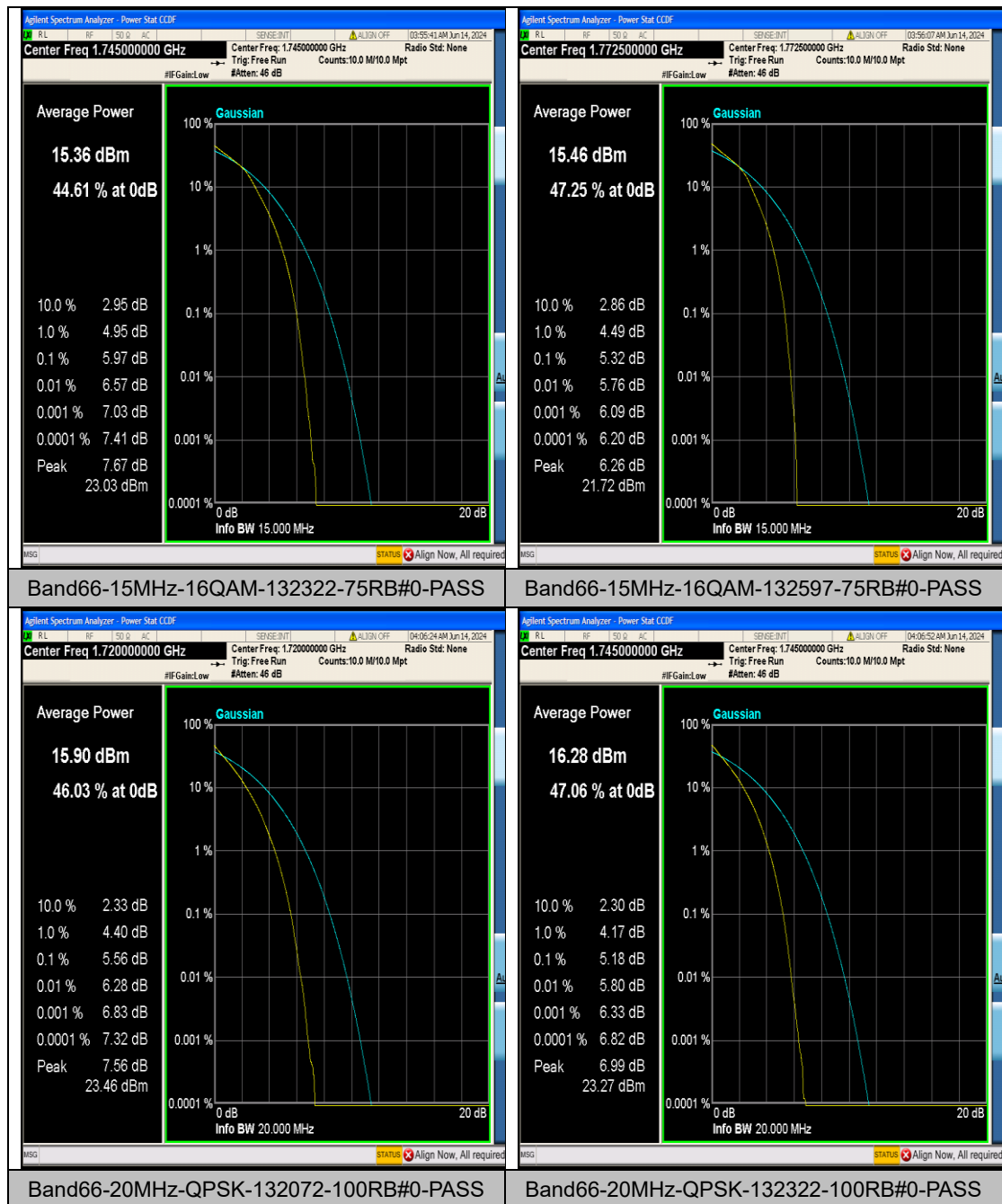


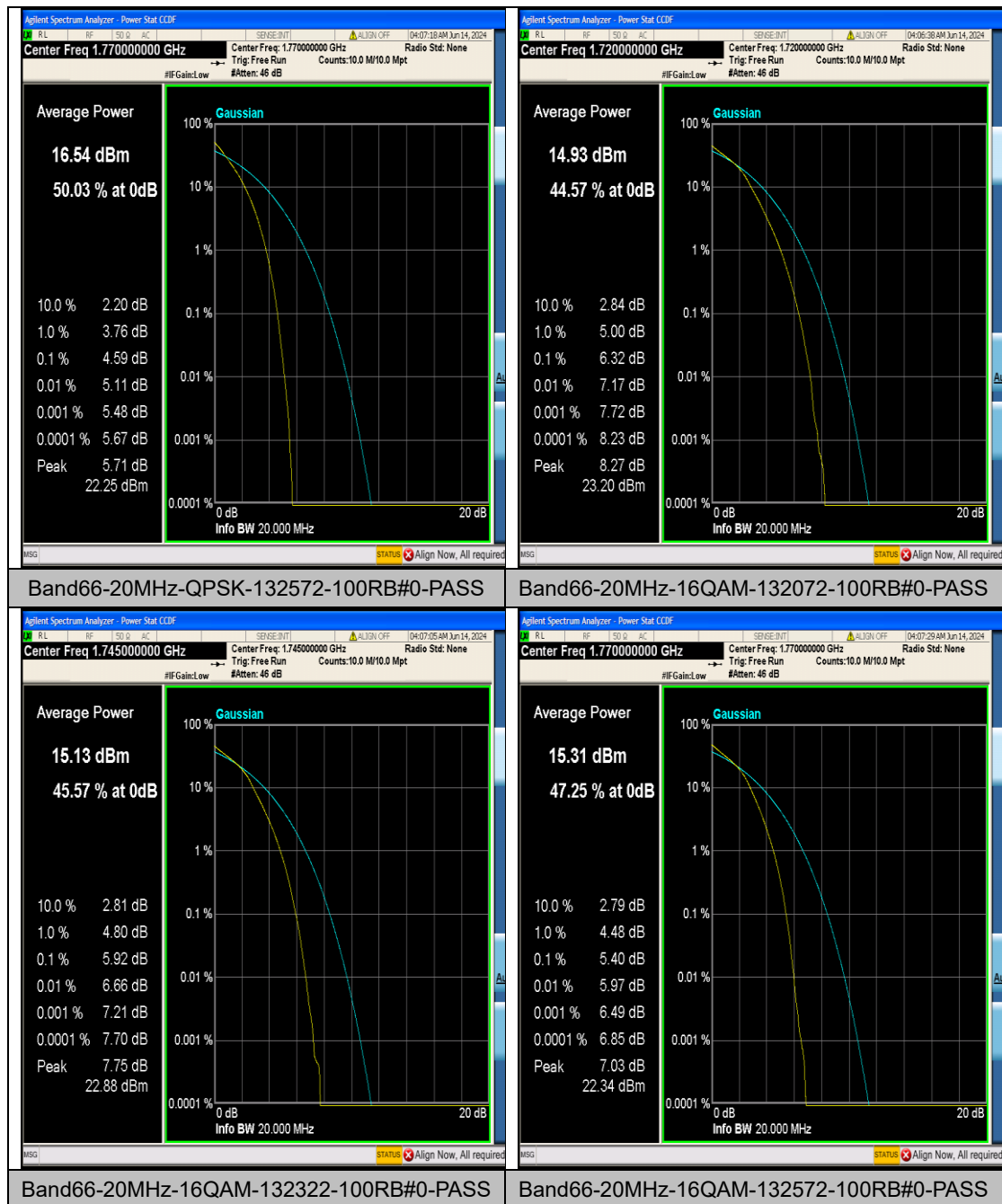












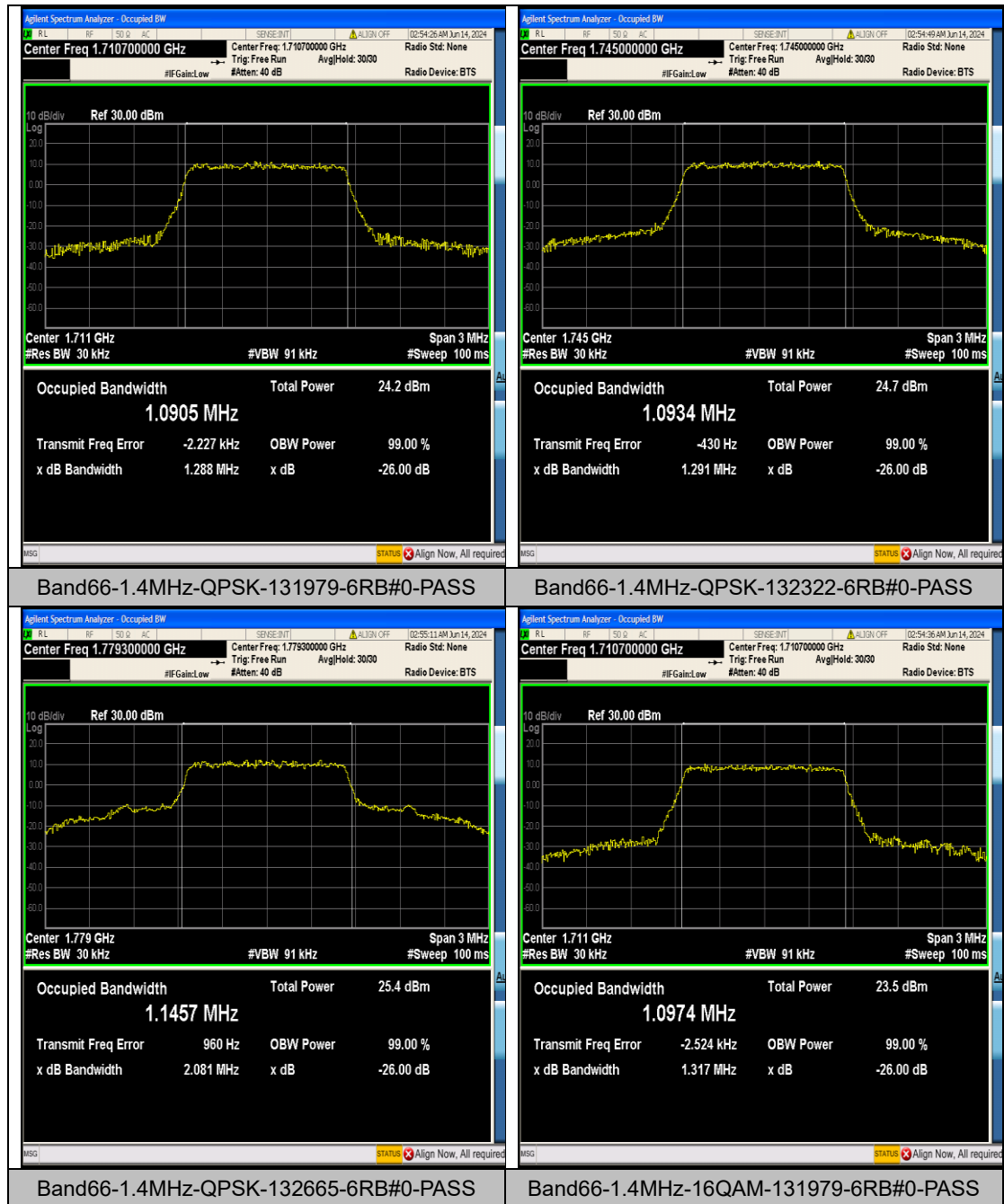
Appendix C: 26dB Bandwidth and Occupied Bandwidth

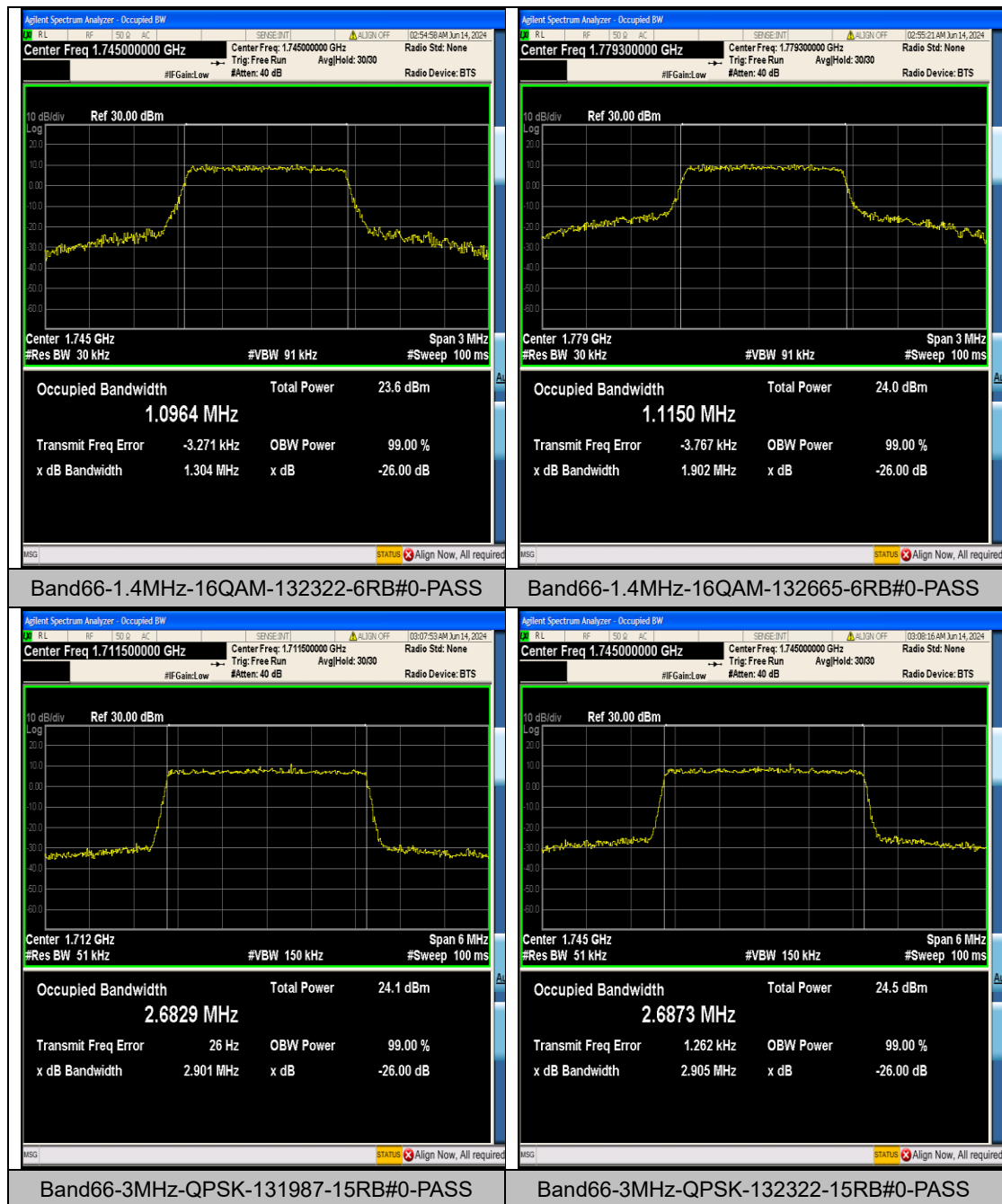
Test Result

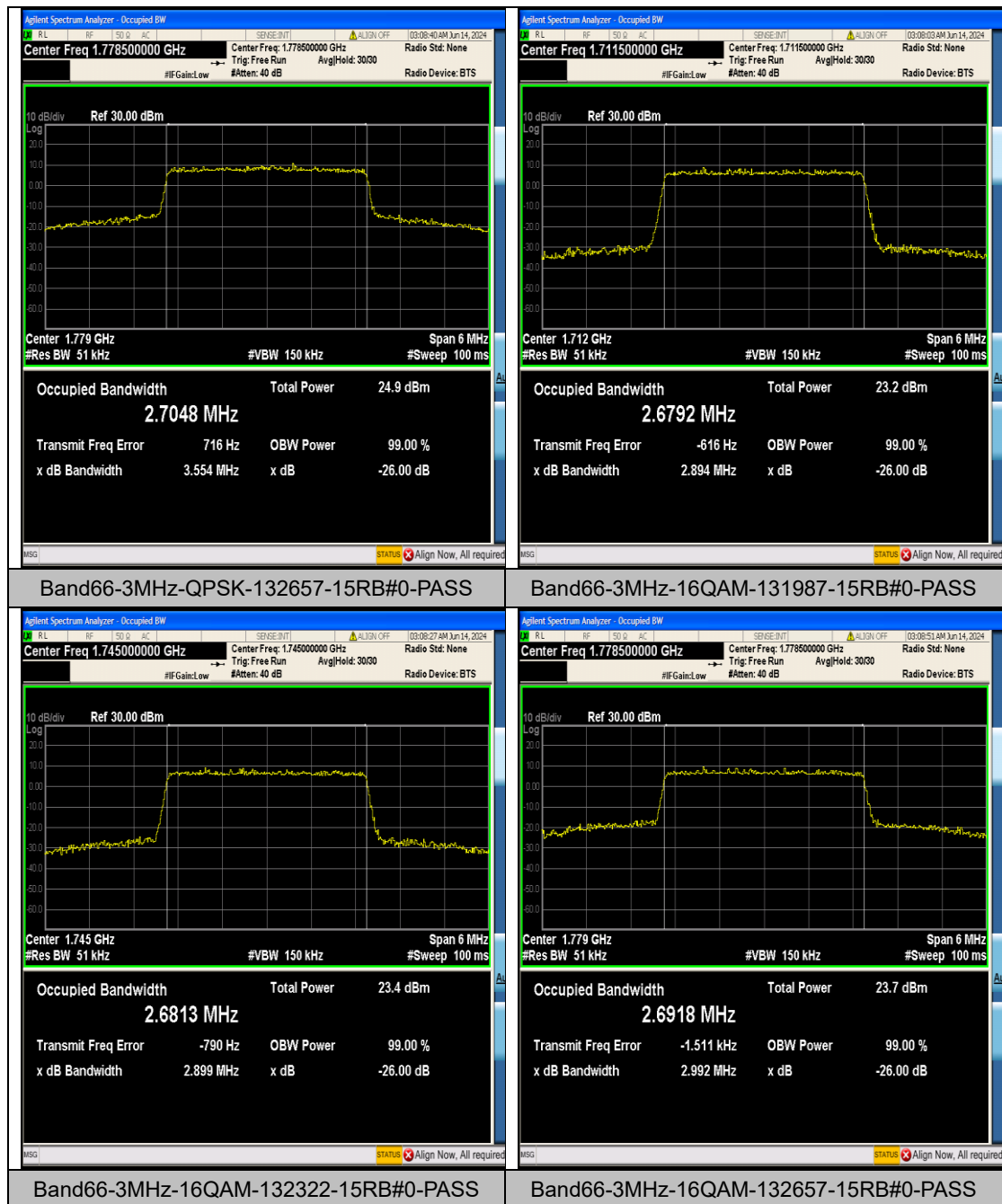
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0905	1.288	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0934	1.291	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1457	2.081	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0974	1.317	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0964	1.304	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1150	1.902	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6829	2.901	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6873	2.905	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7048	3.554	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6792	2.894	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6813	2.899	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6918	2.992	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5208	5.201	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5230	5.216	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5527	6.785	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5222	5.136	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5203	5.148	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5547	5.351	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0058	10.20	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0211	10.19	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0544	11.60	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0011	10.02	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0059	10.04	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0496	10.17	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.559	16.71	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.554	17.78	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.569	18.97	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.541	18.47	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.551	20.12	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.555	15.14	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.994	19.77	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.967	19.88	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.008	20.11	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.032	19.73	PASS

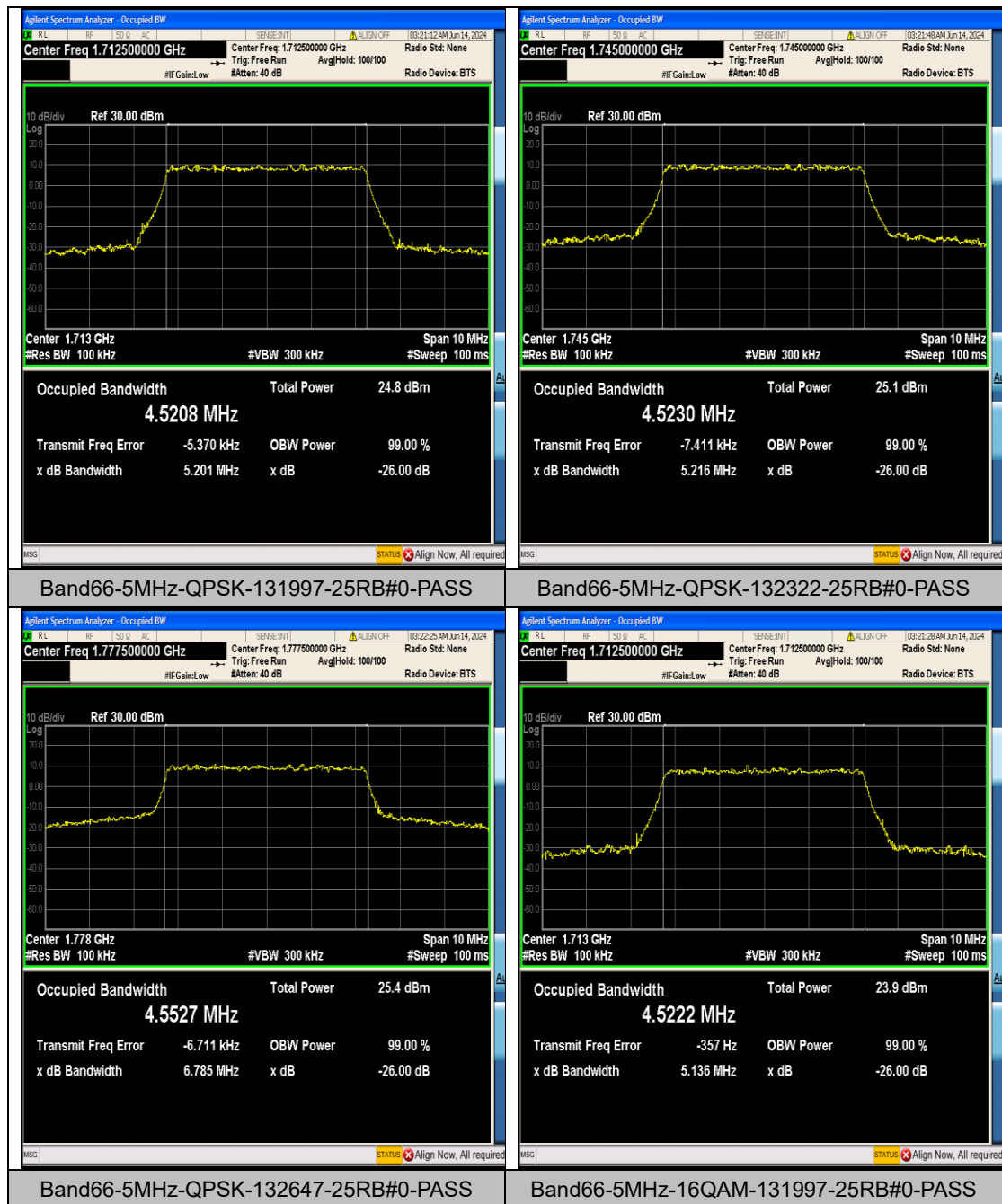
Band66	20MHz	16QAM	132322	100RB#0	18.035	19.74	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.996	19.78	PASS

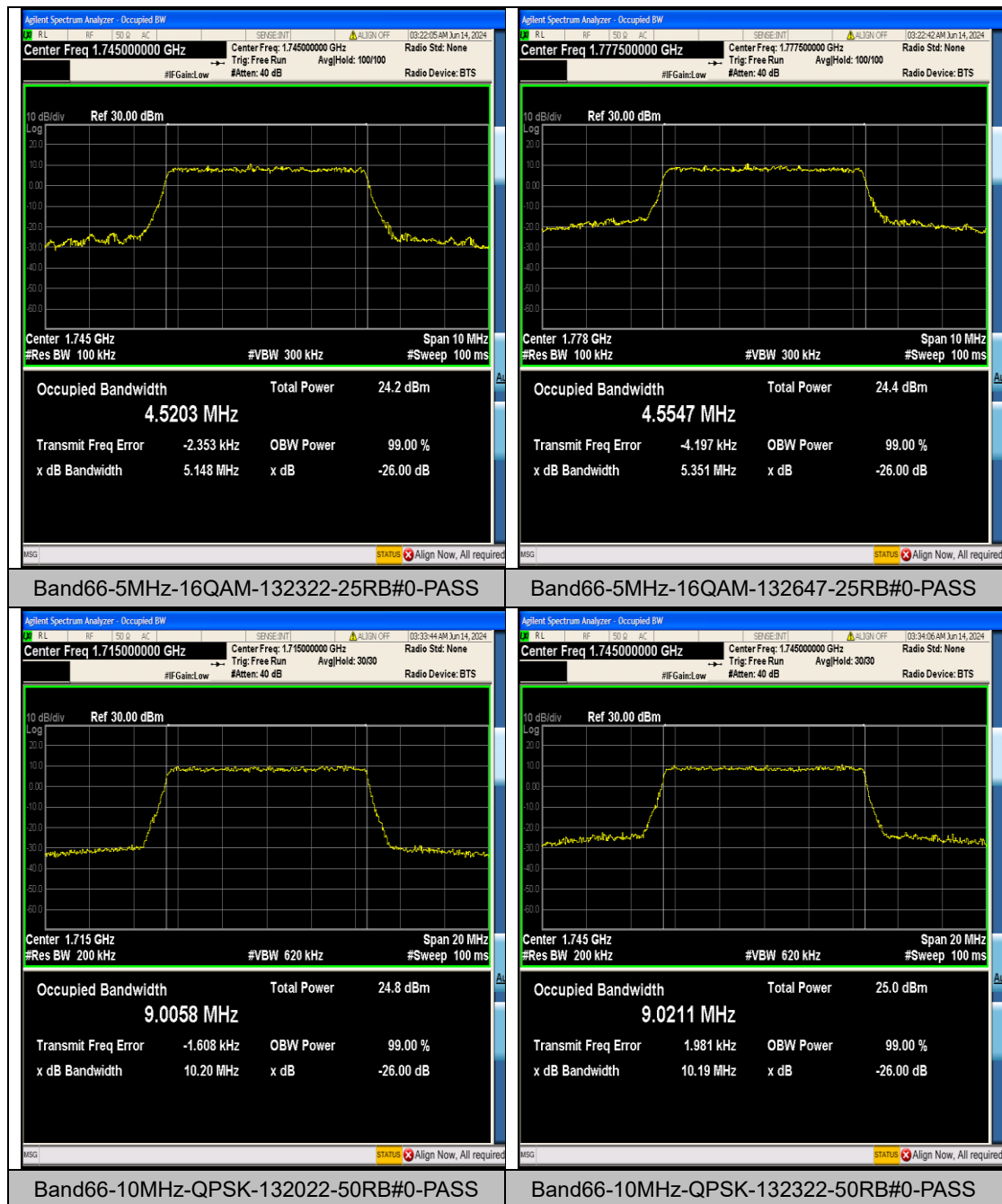
Test Graphs

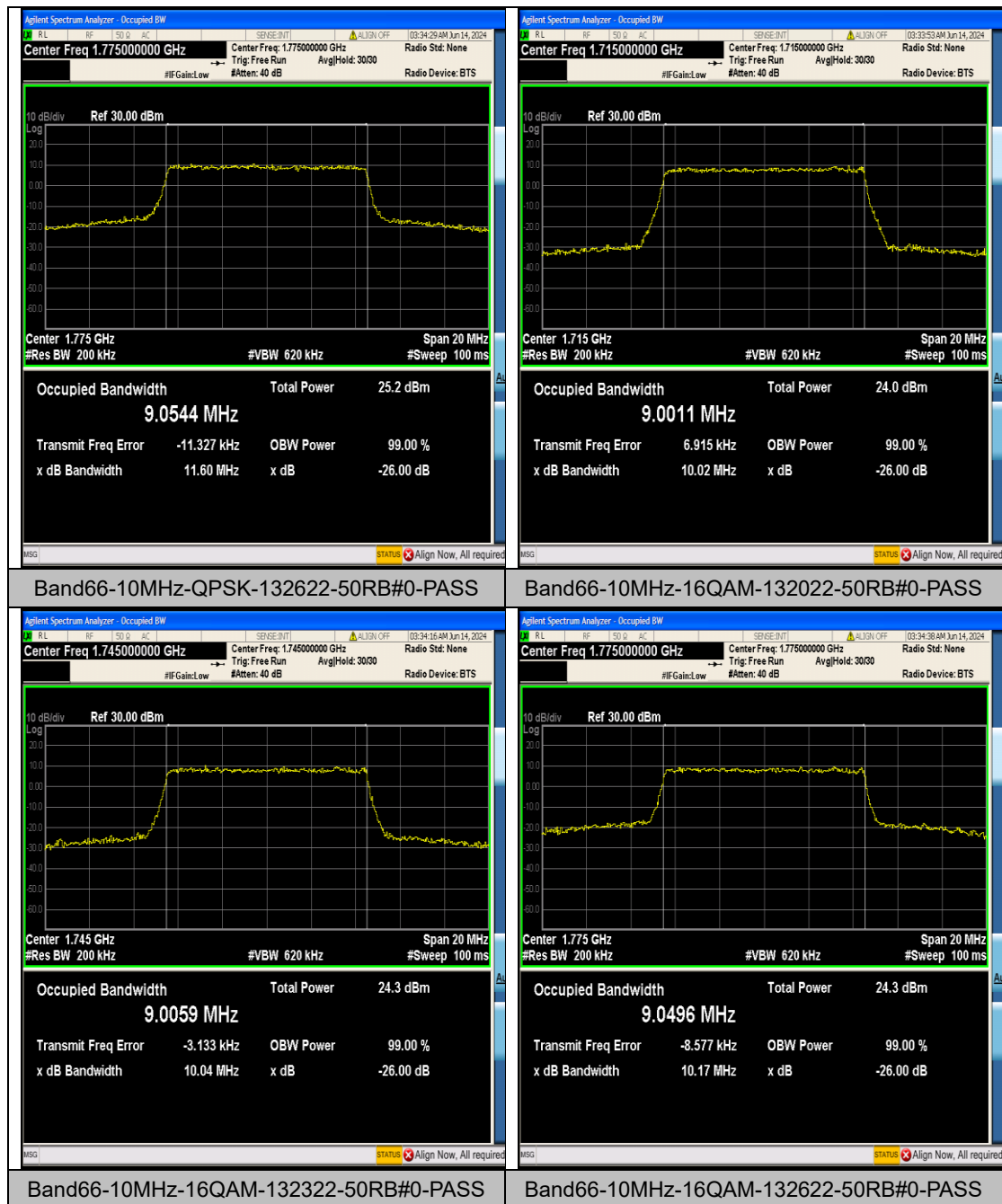


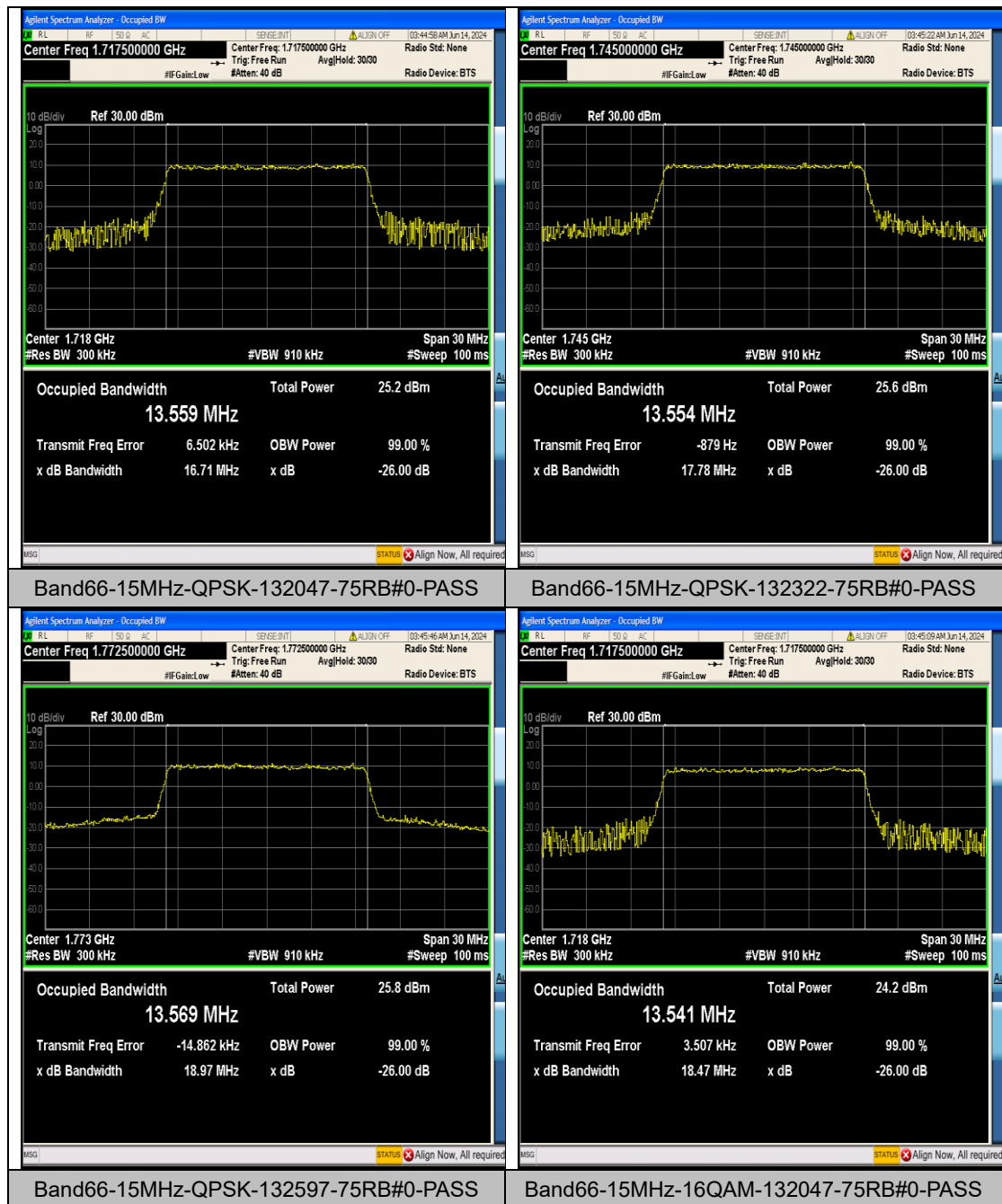


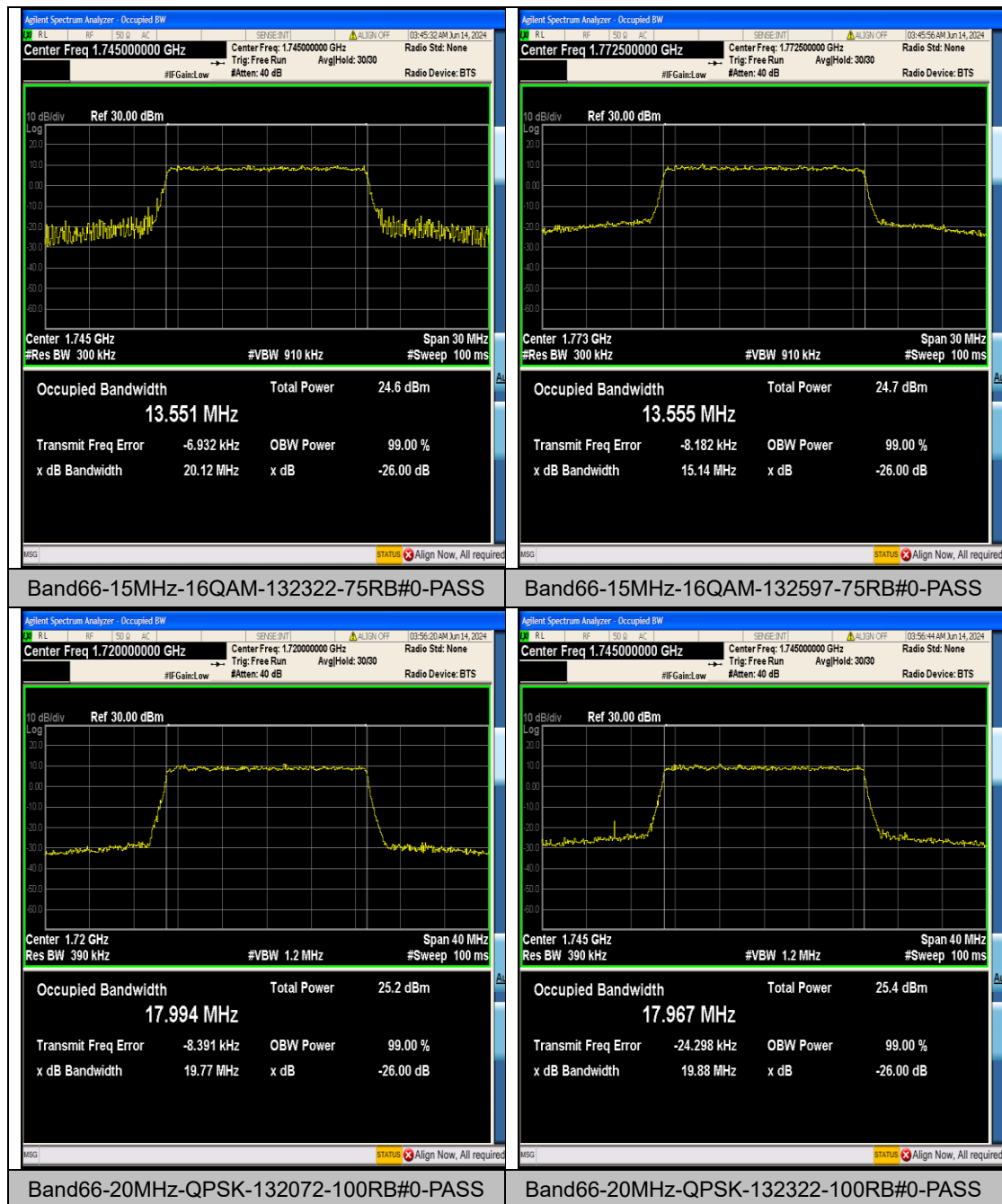


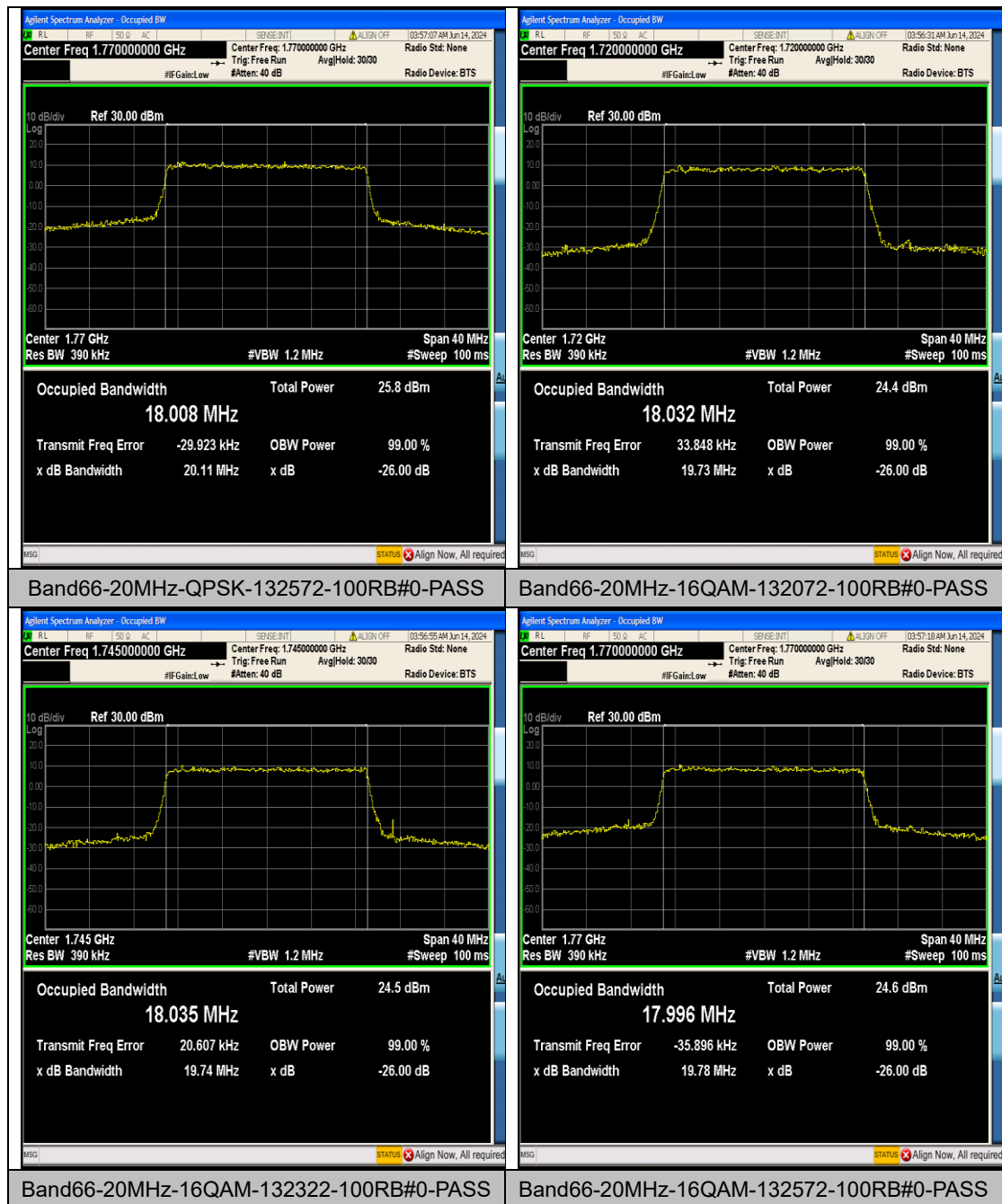












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-31.69	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-18.57	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-34.76	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-25.13	PASS
Band66	3MHz	QPSK	131987	15RB#0	-32.77	PASS
Band66	3MHz	QPSK	132657	15RB#0	-18.60	PASS
Band66	3MHz	16QAM	131987	15RB#0	-33.10	PASS
Band66	3MHz	16QAM	132657	15RB#0	-23.03	PASS
Band66	5MHz	QPSK	131997	25RB#0	-33.38	PASS
Band66	5MHz	QPSK	132647	25RB#0	-18.83	PASS
Band66	5MHz	16QAM	131997	25RB#0	-33.28	PASS
Band66	5MHz	16QAM	132647	25RB#0	-22.81	PASS
Band66	10MHz	QPSK	132022	50RB#0	-34.96	PASS
Band66	10MHz	QPSK	132622	50RB#0	-22.79	PASS
Band66	10MHz	16QAM	132022	50RB#0	-35.69	PASS
Band66	10MHz	16QAM	132622	50RB#0	-26.36	PASS
Band66	15MHz	QPSK	132047	75RB#0	-34.82	PASS
Band66	15MHz	QPSK	132597	75RB#0	-22.07	PASS
Band66	15MHz	16QAM	132047	75RB#0	-36.26	PASS
Band66	15MHz	16QAM	132597	75RB#0	-26.25	PASS
Band66	20MHz	QPSK	132072	100RB#0	-37.07	PASS
Band66	20MHz	QPSK	132572	100RB#0	-26.54	PASS
Band66	20MHz	16QAM	132072	100RB#0	-38.25	PASS
Band66	20MHz	16QAM	132572	100RB#0	-30.76	PASS

Test Graphs



