

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

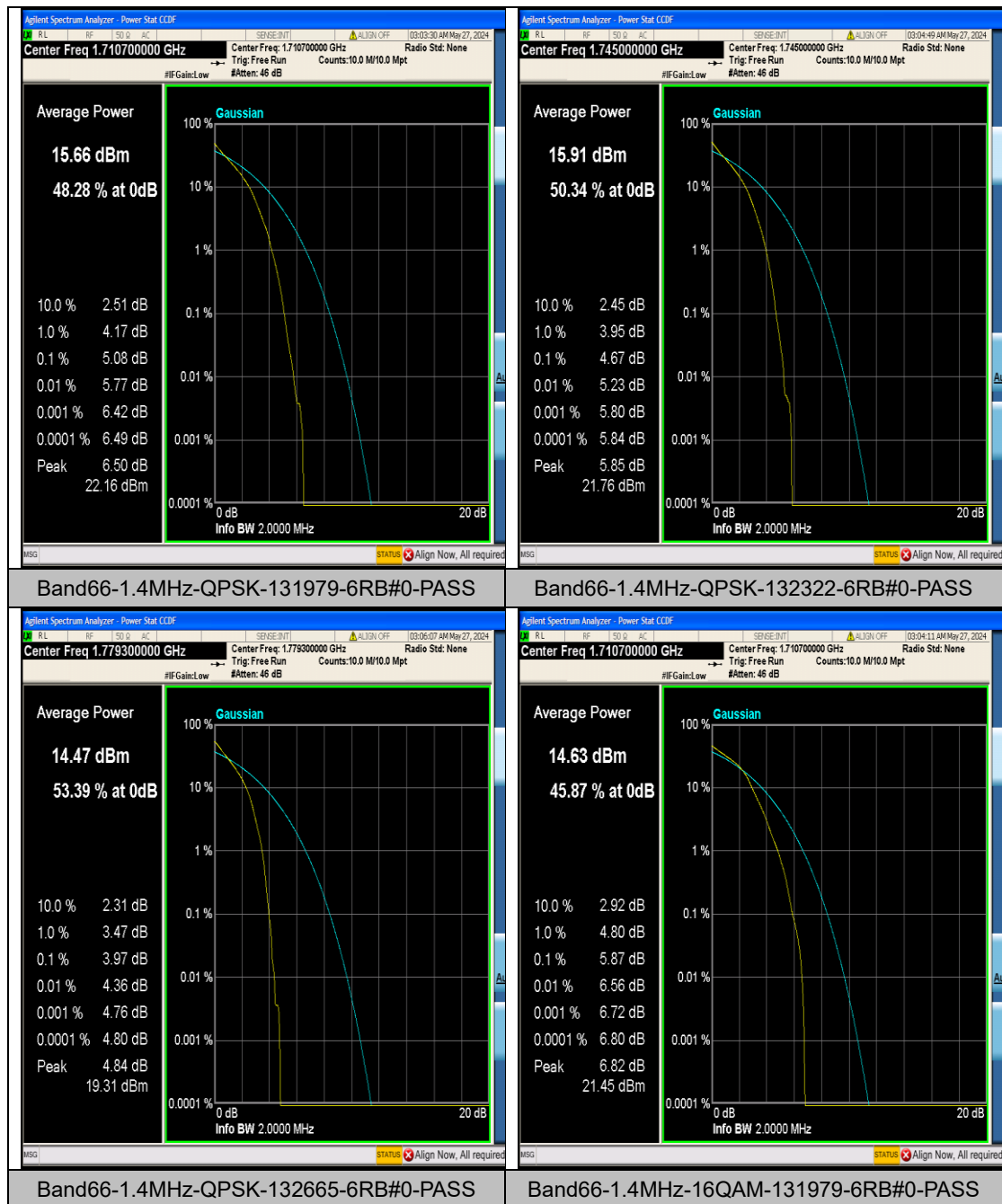
Reviewed By : Eric Wang

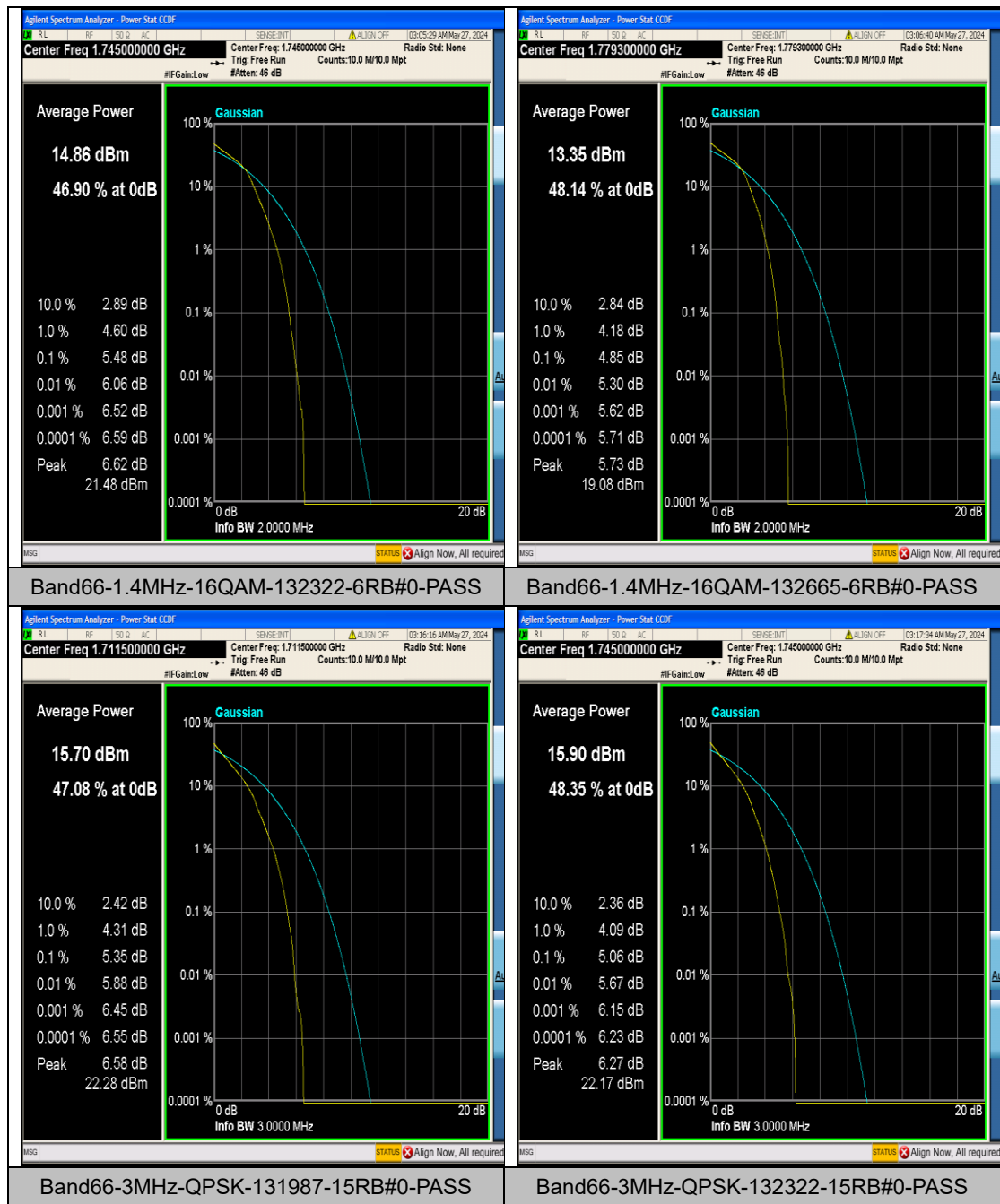
Appendix B: Peak-to-Average Ratio(CCDF)

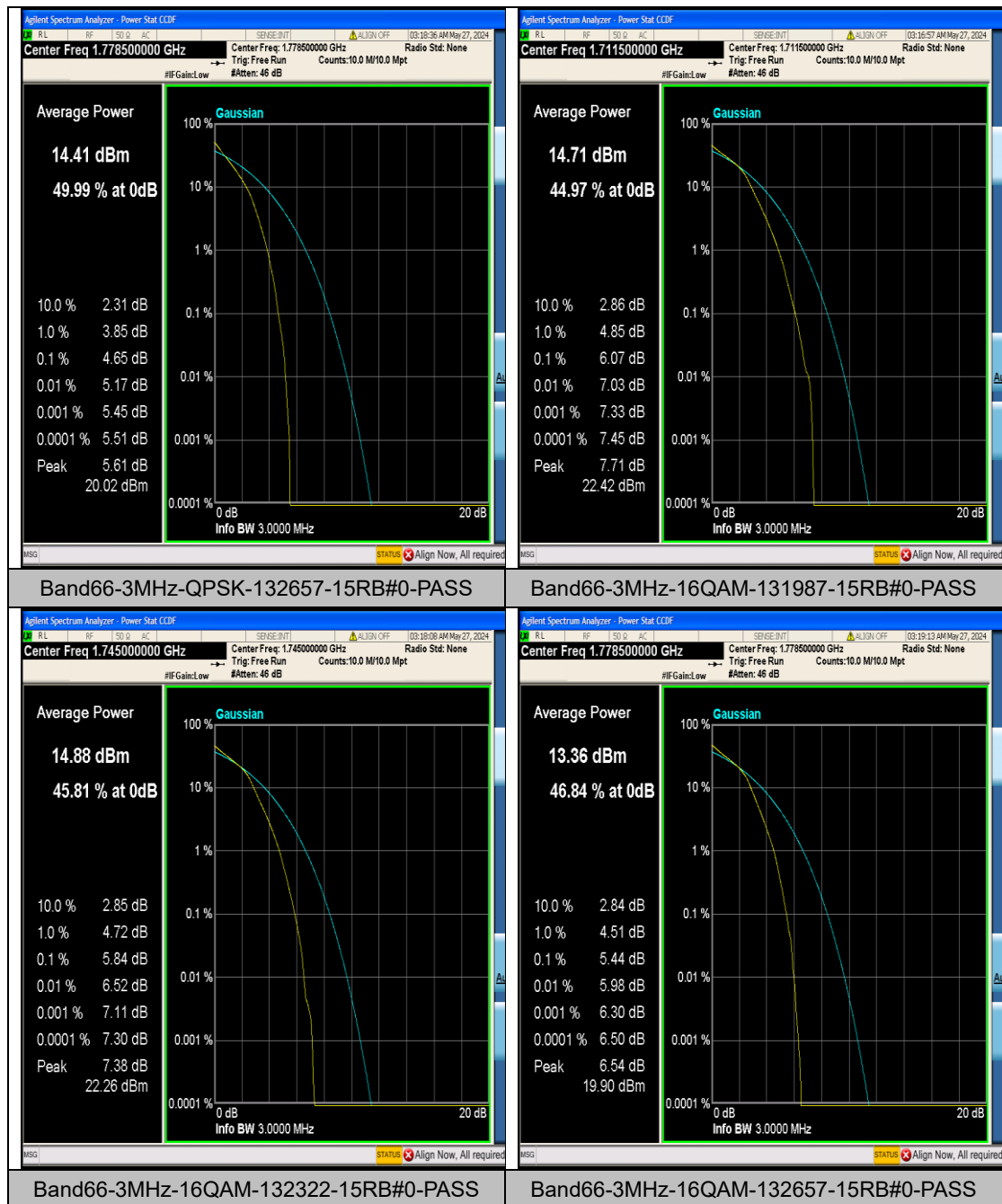
Test Result

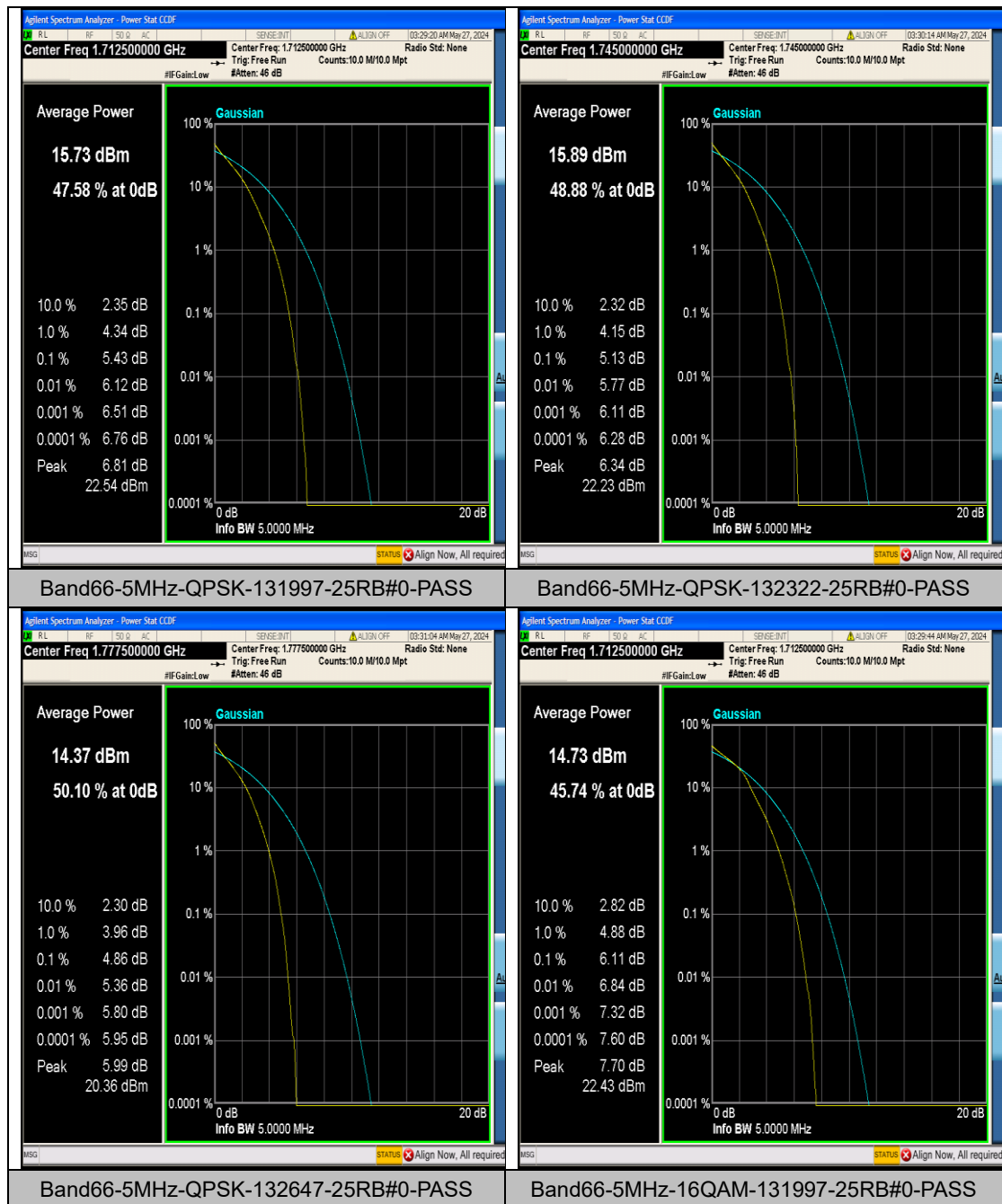
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.08	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.67	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	3.97	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.87	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.48	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	4.85	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.35	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.06	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.65	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.07	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.84	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.44	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.43	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.13	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.86	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.11	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.81	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.55	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.47	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.14	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.91	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.19	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.86	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.67	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.81	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.37	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.12	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.33	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.94	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.75	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.50	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.11	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.97	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.21	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.89	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.71	13	PASS

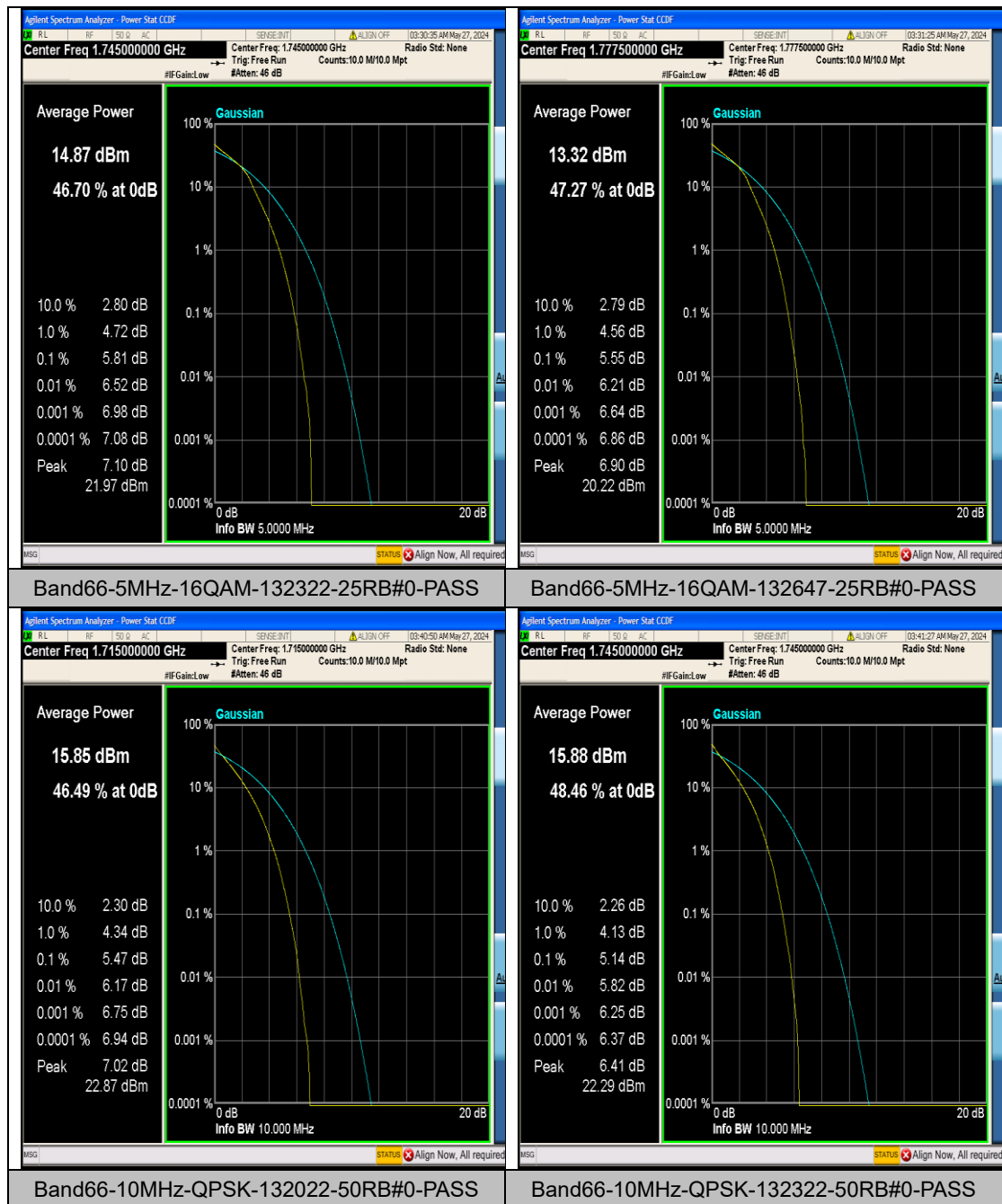
Test Graphs

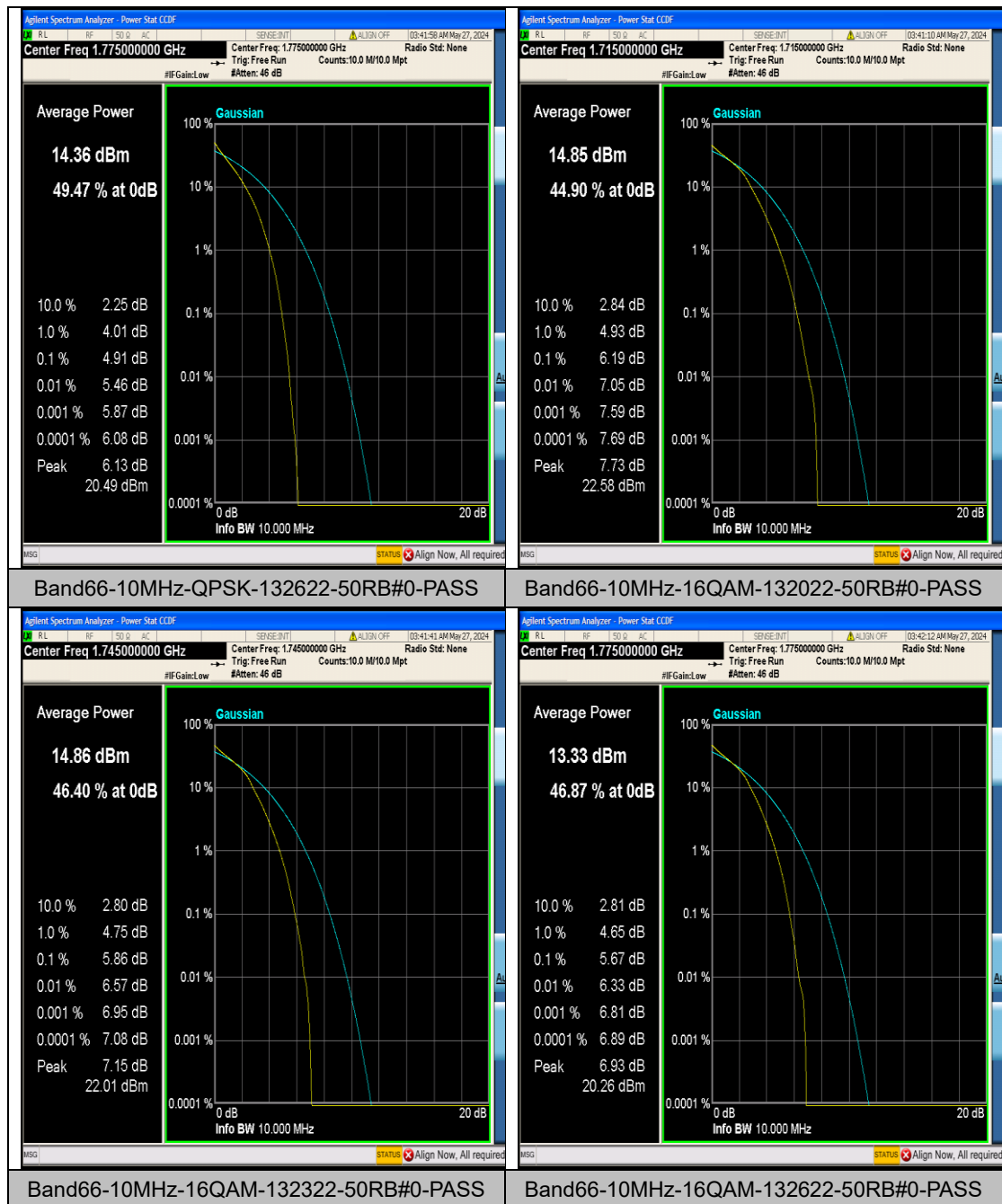


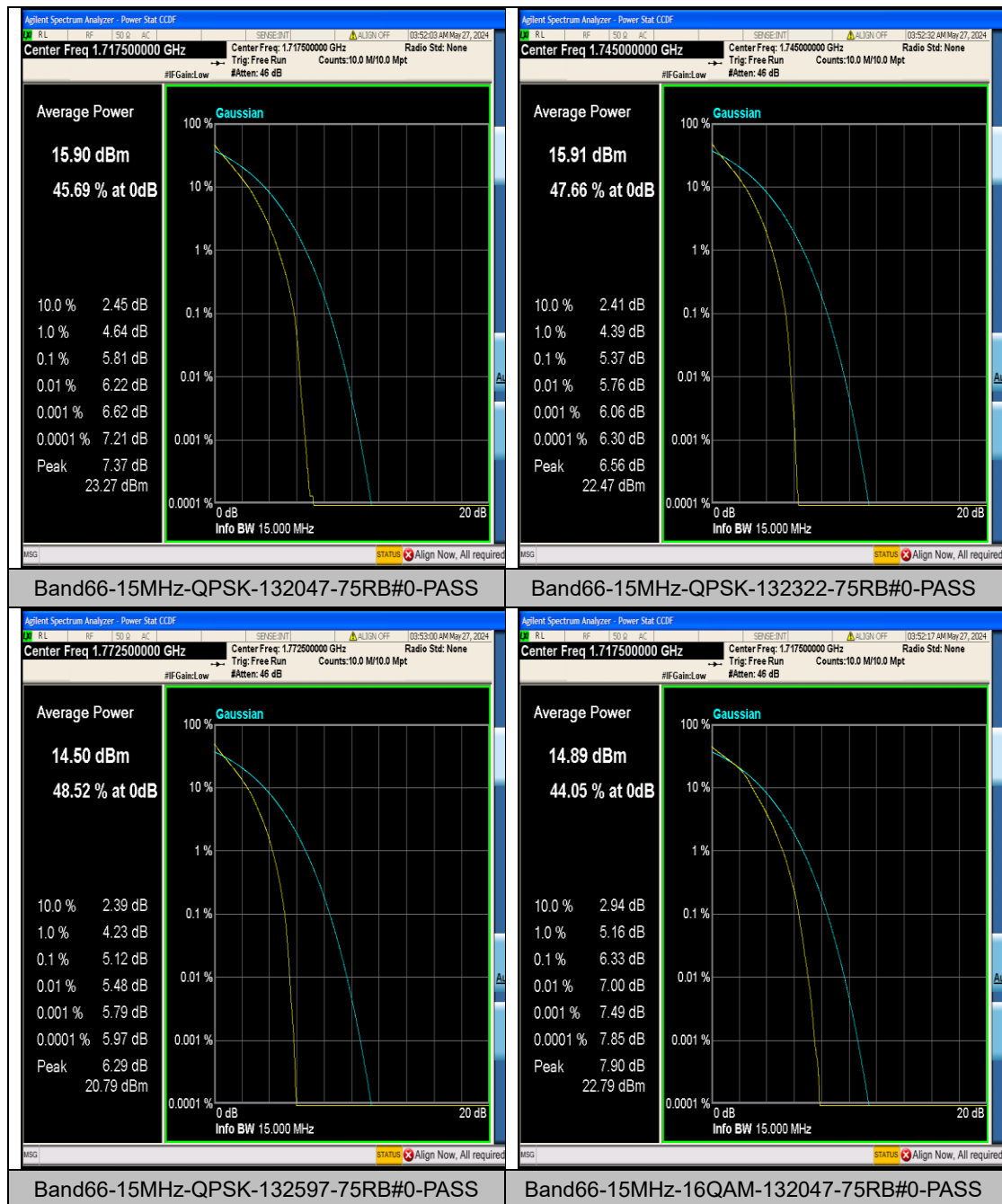


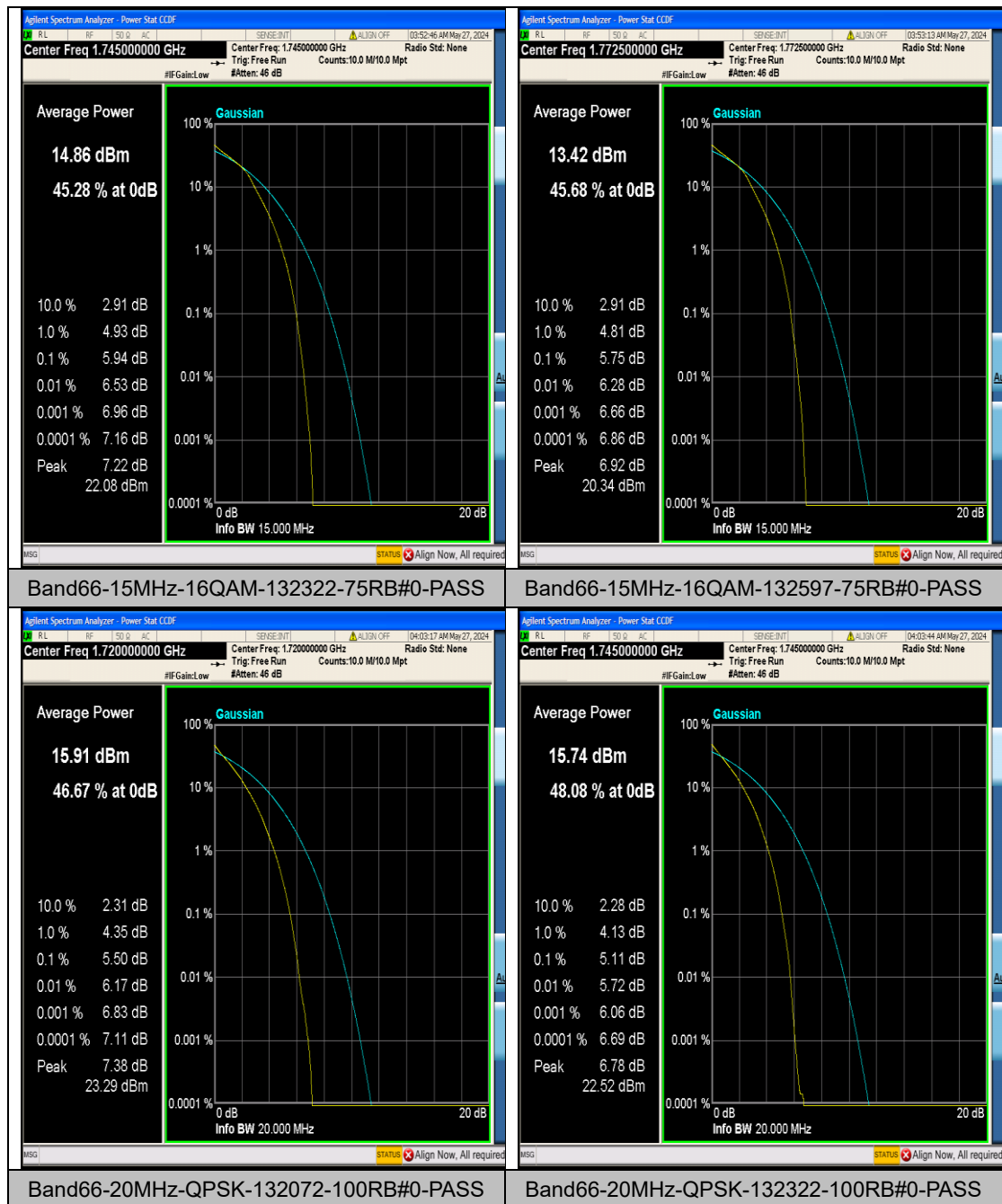


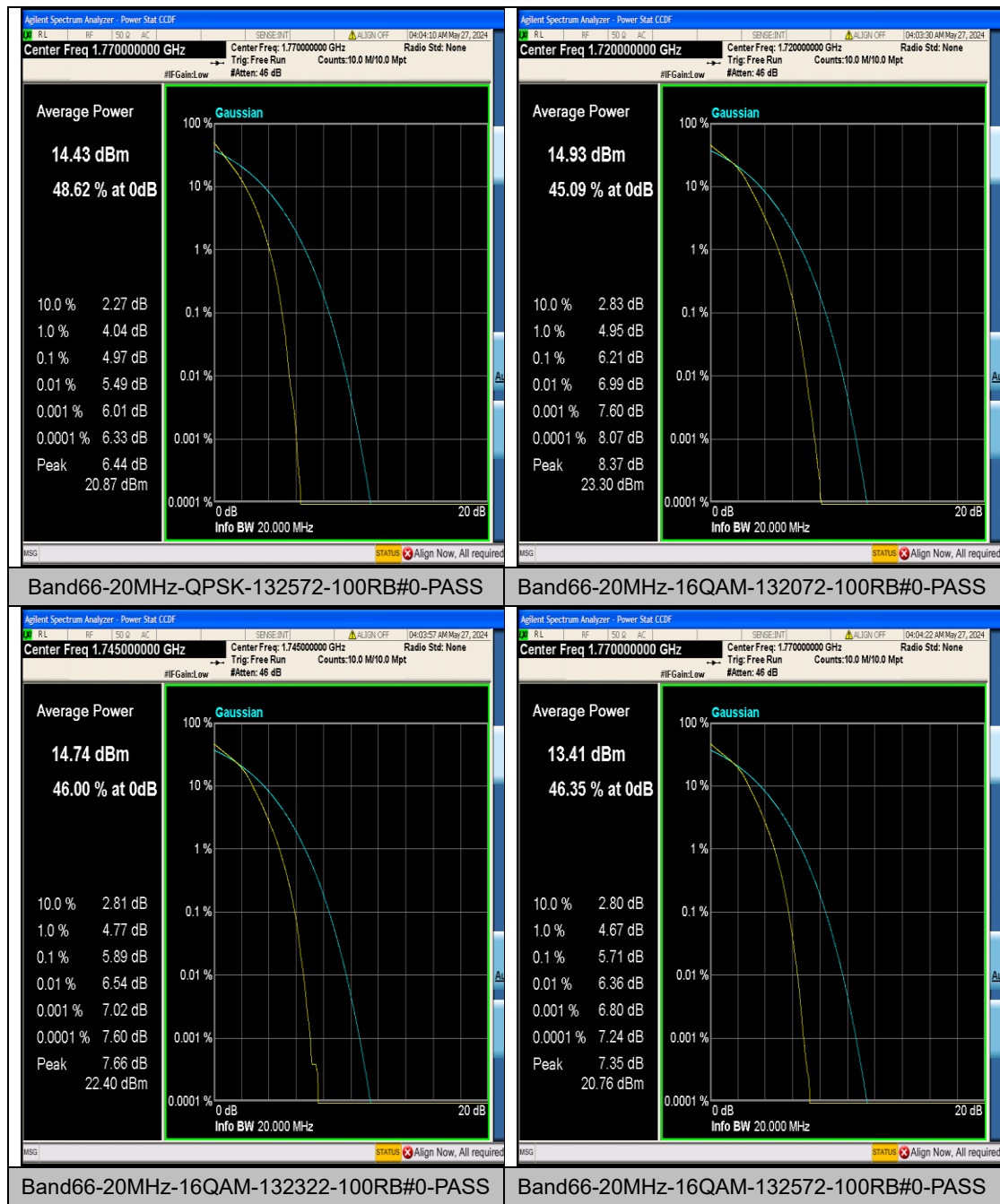












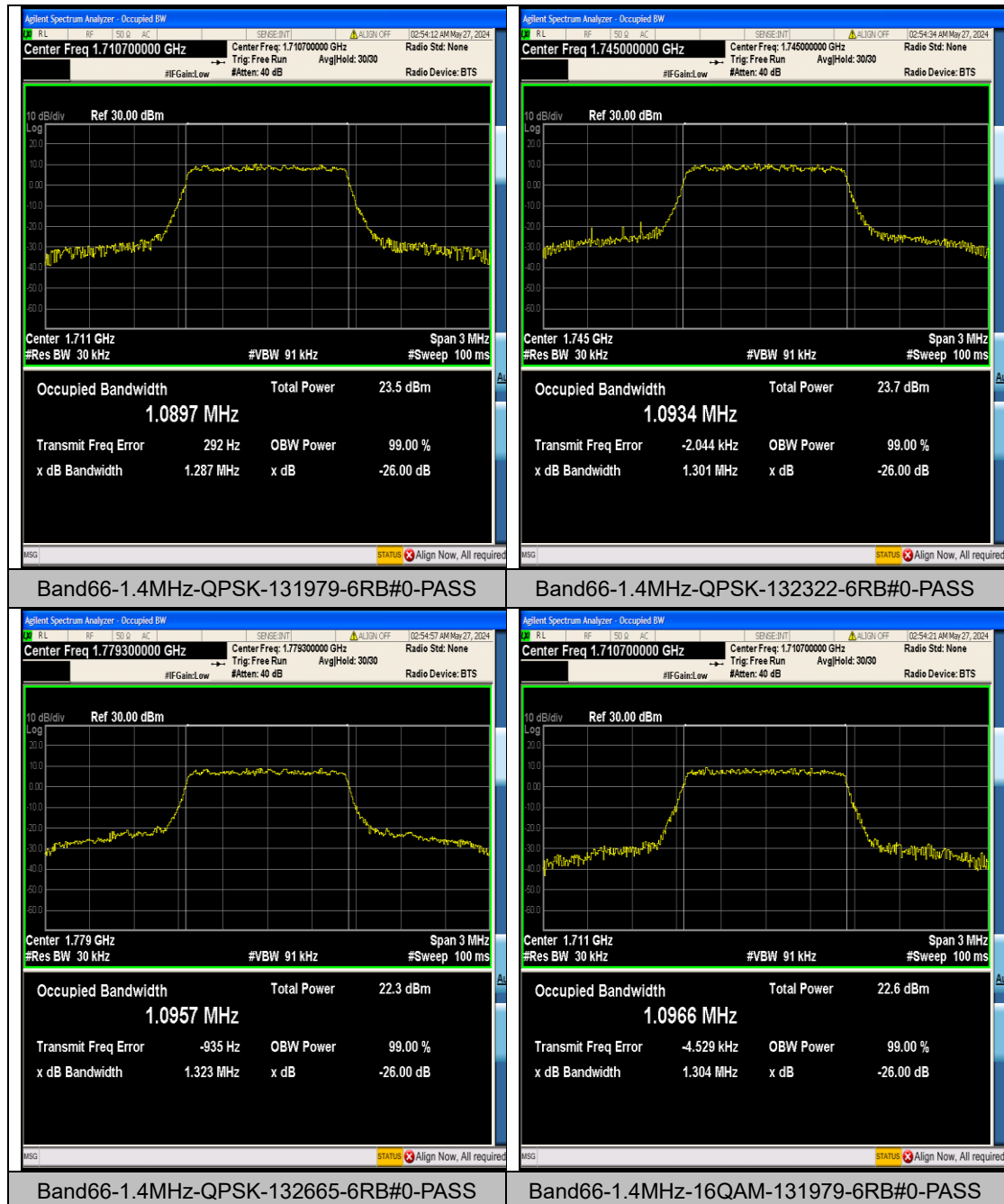
Appendix C: 26dB Bandwidth and Occupied Bandwidth

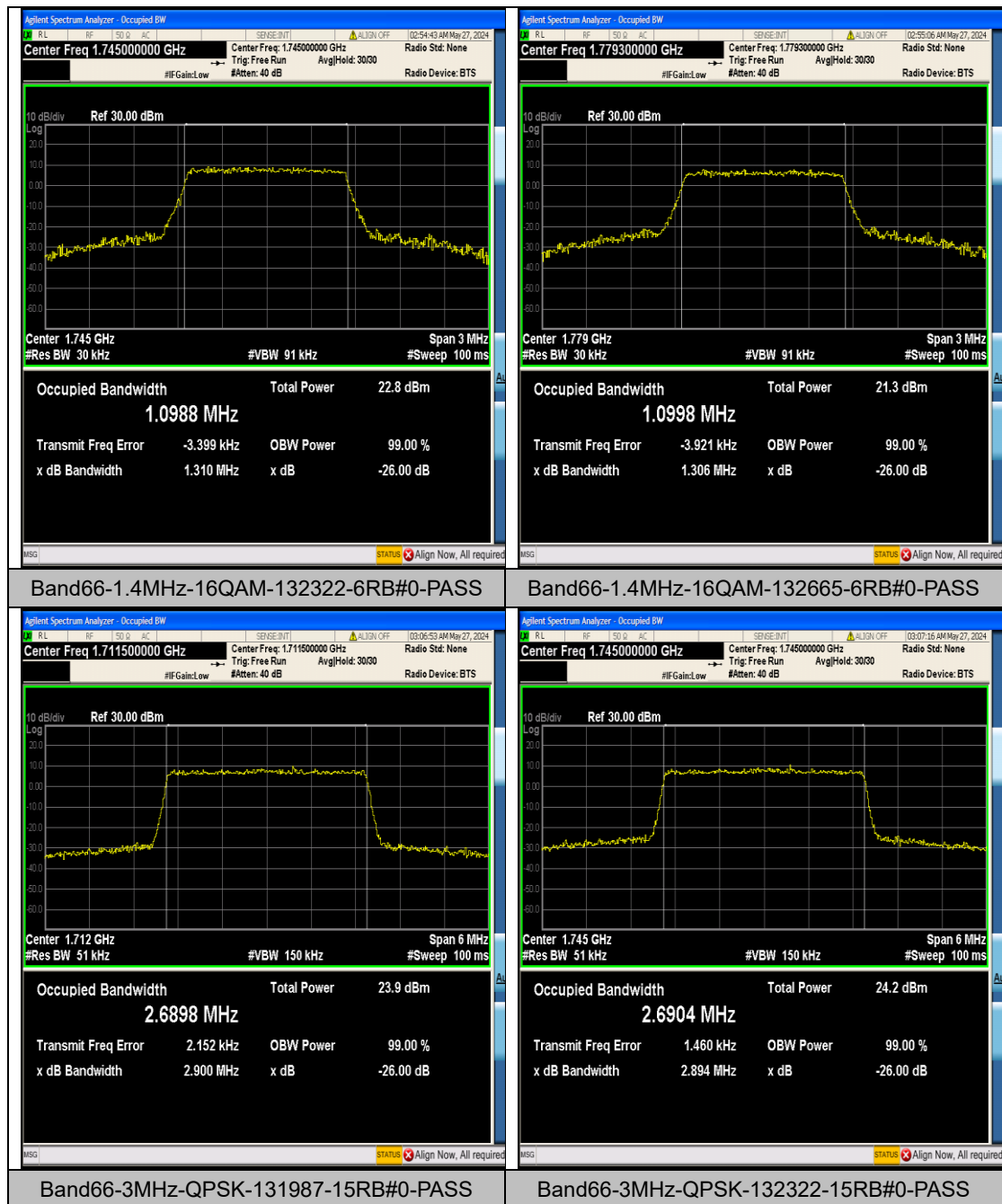
Test Result

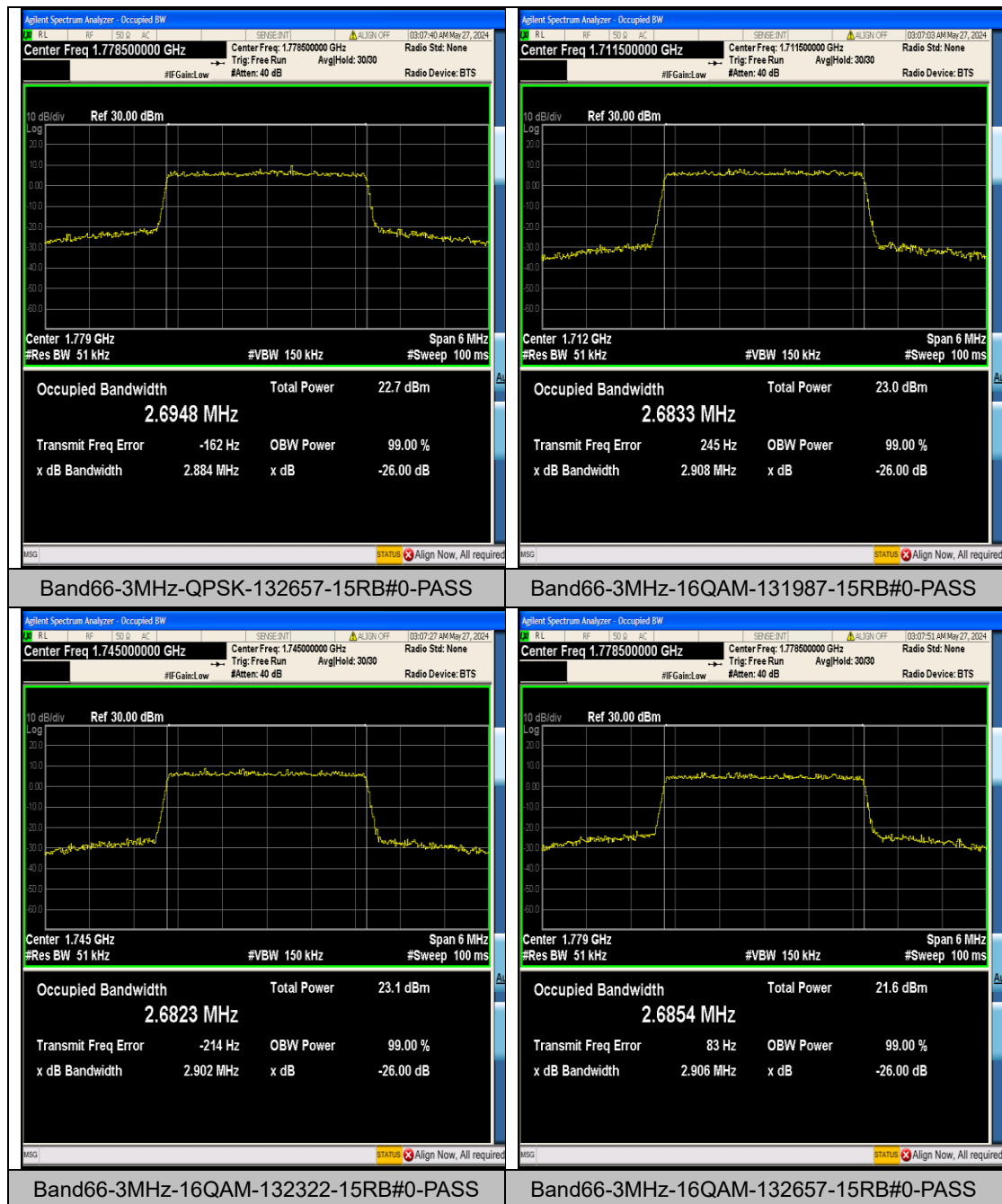
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0897	1.287	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0934	1.301	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0957	1.323	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0966	1.304	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0988	1.310	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0998	1.306	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6898	2.900	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6904	2.894	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6948	2.884	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6833	2.908	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6823	2.902	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6854	2.906	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5220	5.189	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5246	5.201	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5257	5.223	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5221	5.174	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5180	5.149	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5226	5.199	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0236	10.16	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0171	10.20	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0217	10.22	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0037	10.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0102	10.01	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0022	10.03	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.532	15.12	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.540	15.19	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.582	15.16	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.517	14.97	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.518	14.96	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.546	15.08	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.965	19.73	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.955	19.82	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.000	19.93	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.974	19.82	PASS

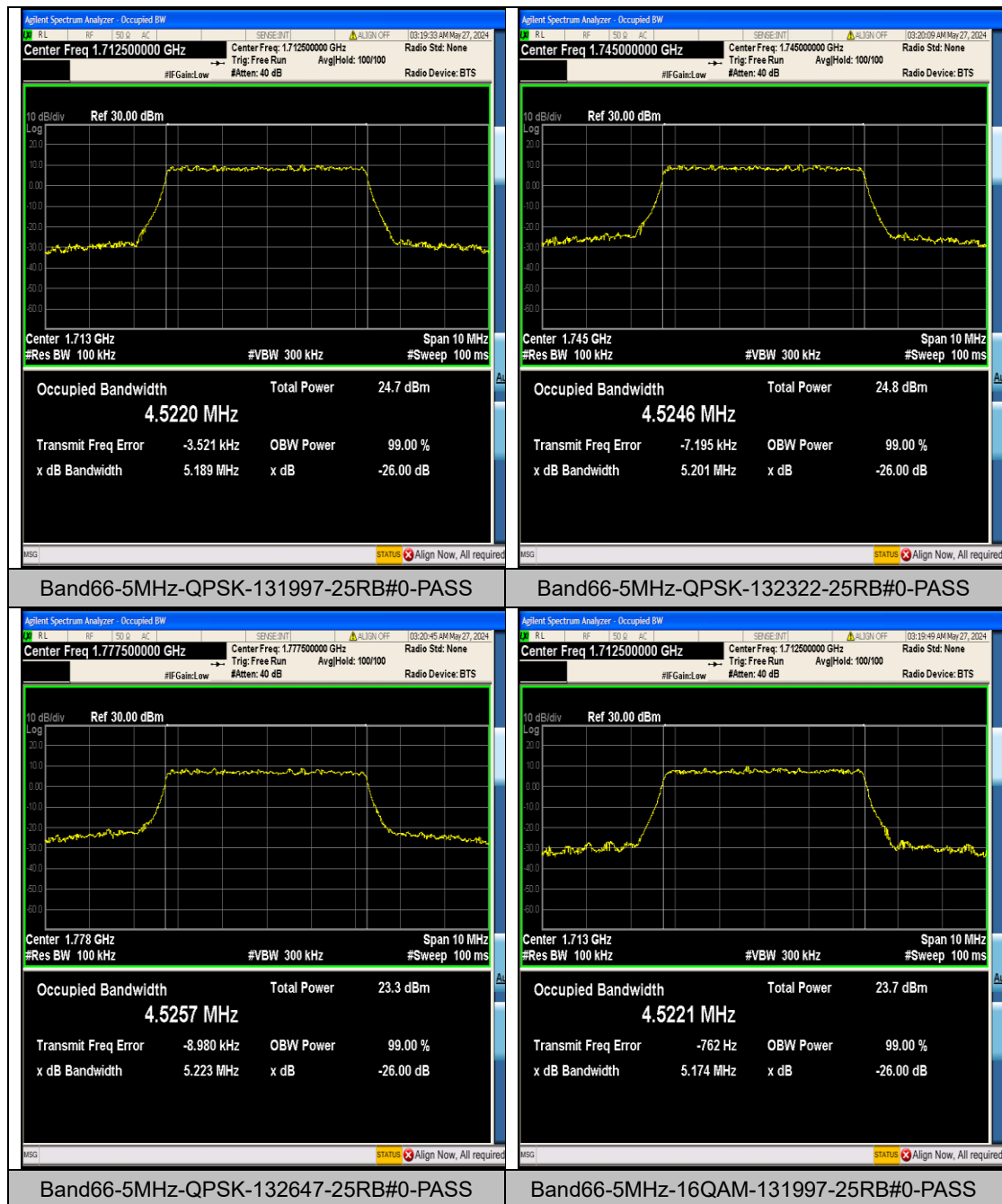
Band66	20MHz	16QAM	132322	100RB#0	17.971	19.82	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.031	19.87	PASS

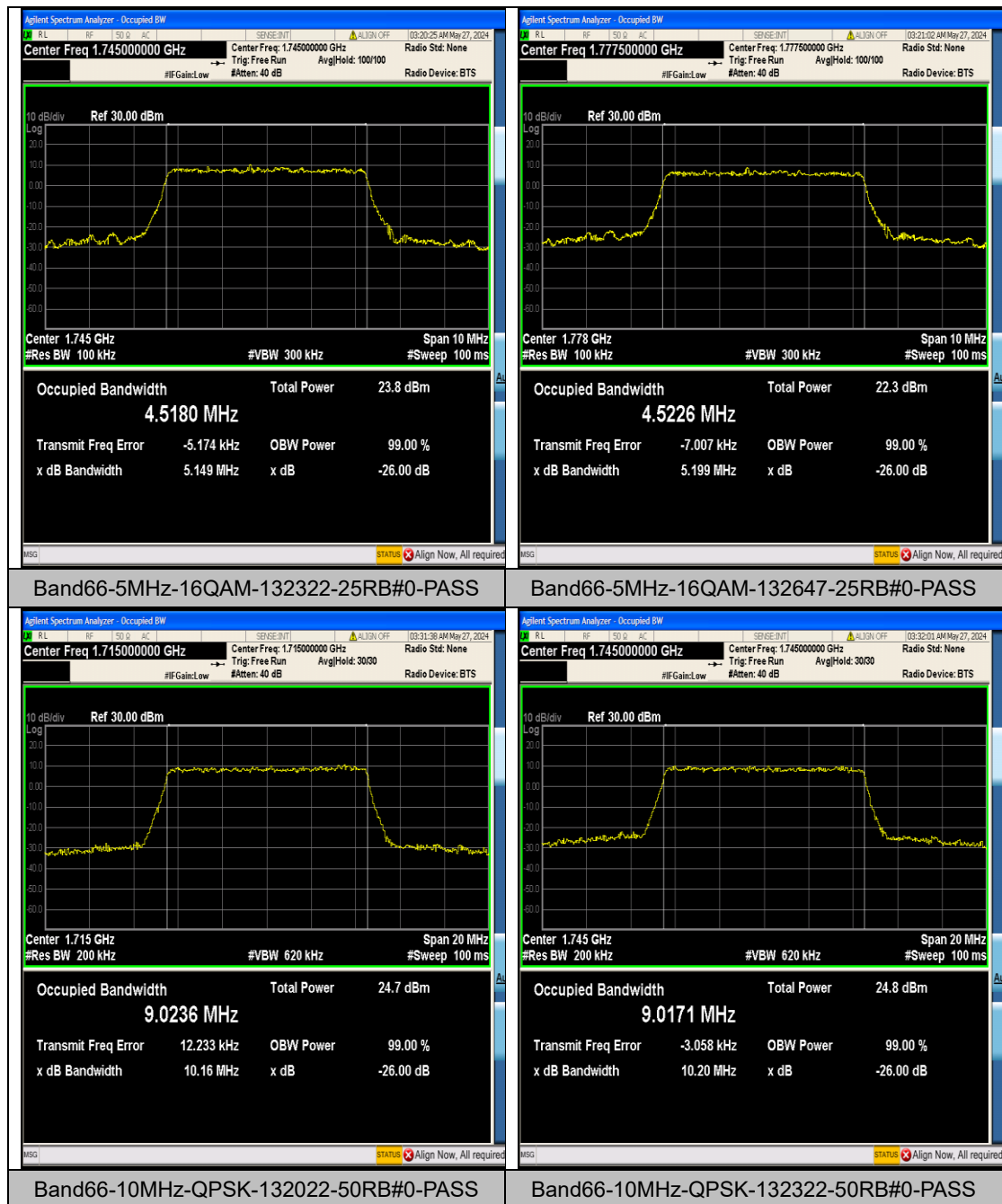
Test Graphs

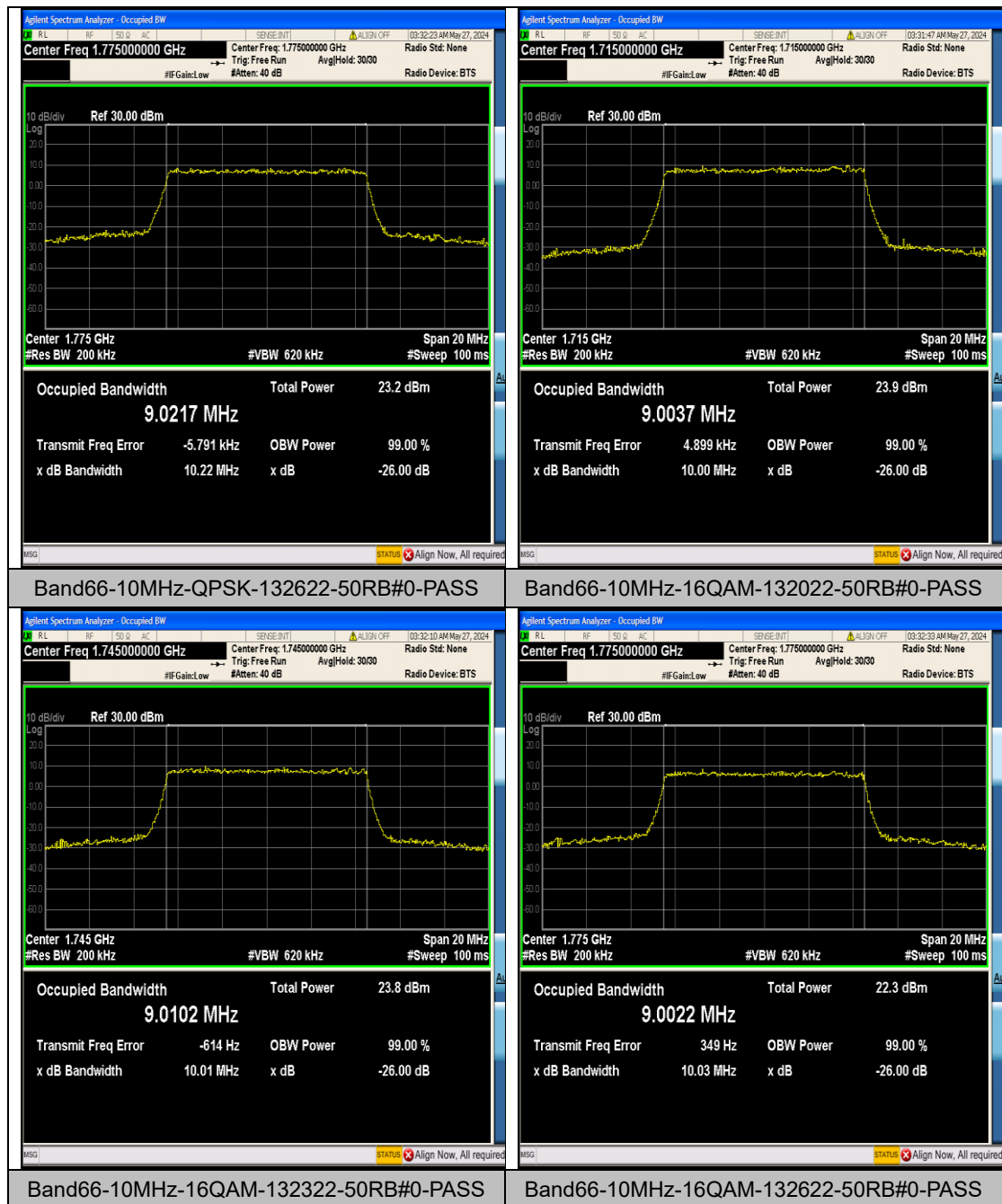


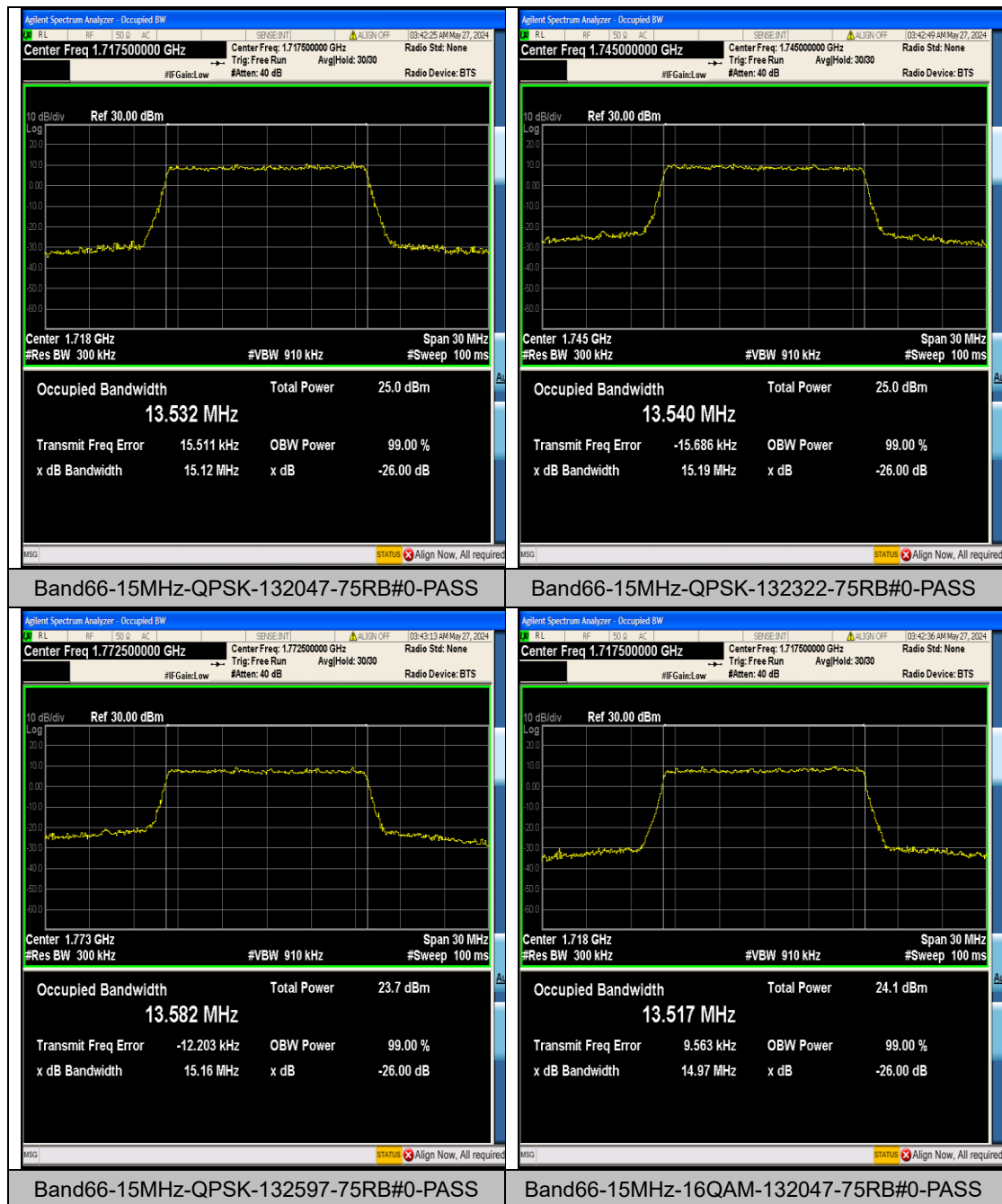


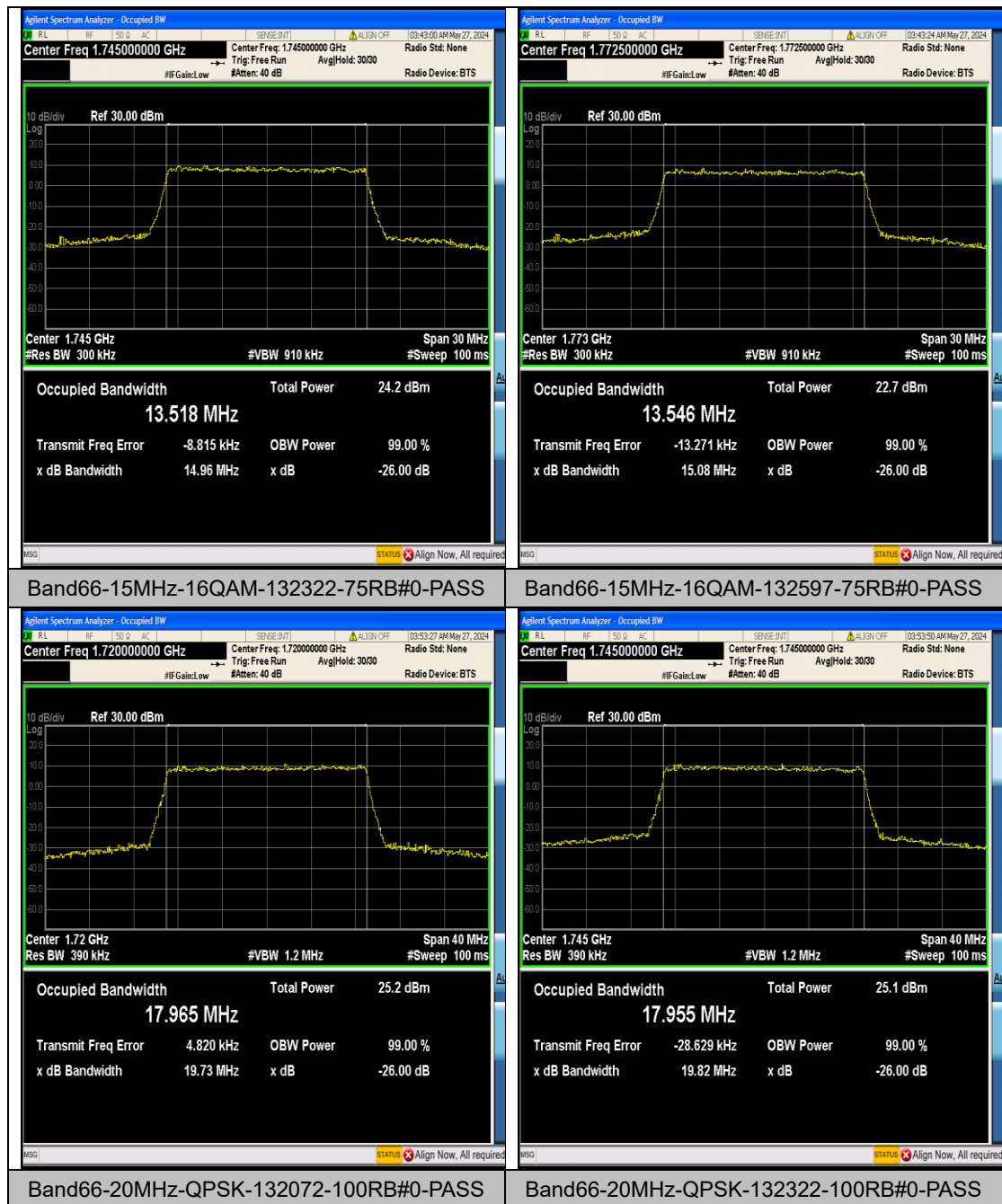


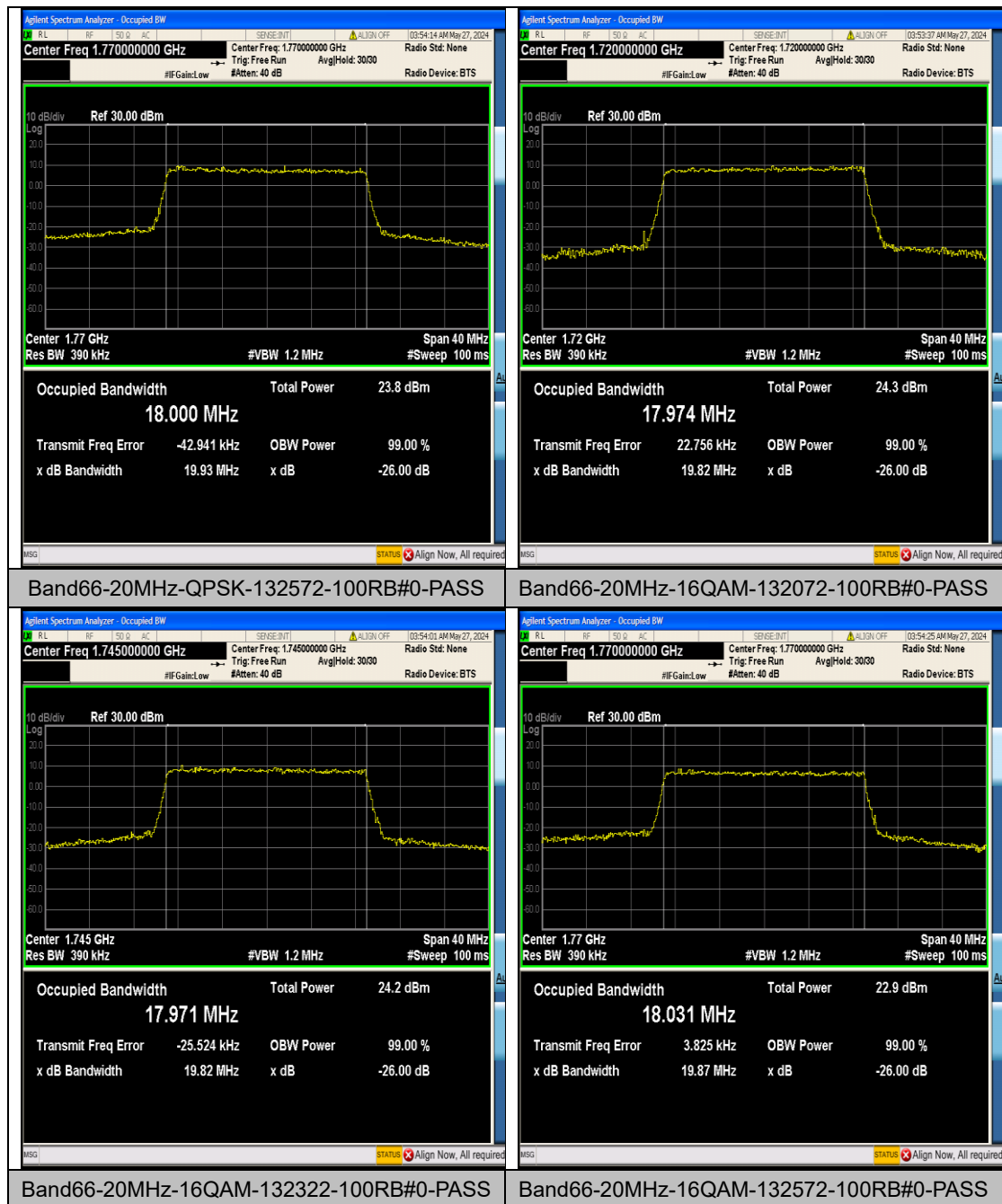












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-28.34	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-29.52	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-35.48	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-32.93	PASS
Band66	3MHz	QPSK	131987	15RB#0	-34.04	PASS
Band66	3MHz	QPSK	132657	15RB#0	-26.91	PASS
Band66	3MHz	16QAM	131987	15RB#0	-35.53	PASS
Band66	3MHz	16QAM	132657	15RB#0	-30.37	PASS
Band66	5MHz	QPSK	131997	25RB#0	-34.48	PASS
Band66	5MHz	QPSK	132647	25RB#0	-28.10	PASS
Band66	5MHz	16QAM	131997	25RB#0	-35.89	PASS
Band66	5MHz	16QAM	132647	25RB#0	-31.69	PASS
Band66	10MHz	QPSK	132022	50RB#0	-36.70	PASS
Band66	10MHz	QPSK	132622	50RB#0	-30.67	PASS
Band66	10MHz	16QAM	132022	50RB#0	-38.53	PASS
Band66	10MHz	16QAM	132622	50RB#0	-34.08	PASS
Band66	15MHz	QPSK	132047	75RB#0	-36.95	PASS
Band66	15MHz	QPSK	132597	75RB#0	-29.35	PASS
Band66	15MHz	16QAM	132047	75RB#0	-38.87	PASS
Band66	15MHz	16QAM	132597	75RB#0	-33.26	PASS
Band66	20MHz	QPSK	132072	100RB#0	-38.98	PASS
Band66	20MHz	QPSK	132572	100RB#0	-32.81	PASS
Band66	20MHz	16QAM	132072	100RB#0	-40.86	PASS
Band66	20MHz	16QAM	132572	100RB#0	-36.12	PASS

Test Graphs

