

FCC Appendix RF Test Data for LTE Band 66

FCC ID : 2BT4L-M5-CX

Company : Infinity Mobile Limited

EUT : Portable WIFI

Model Number : M5-CX

Report No. : CTA25103000213

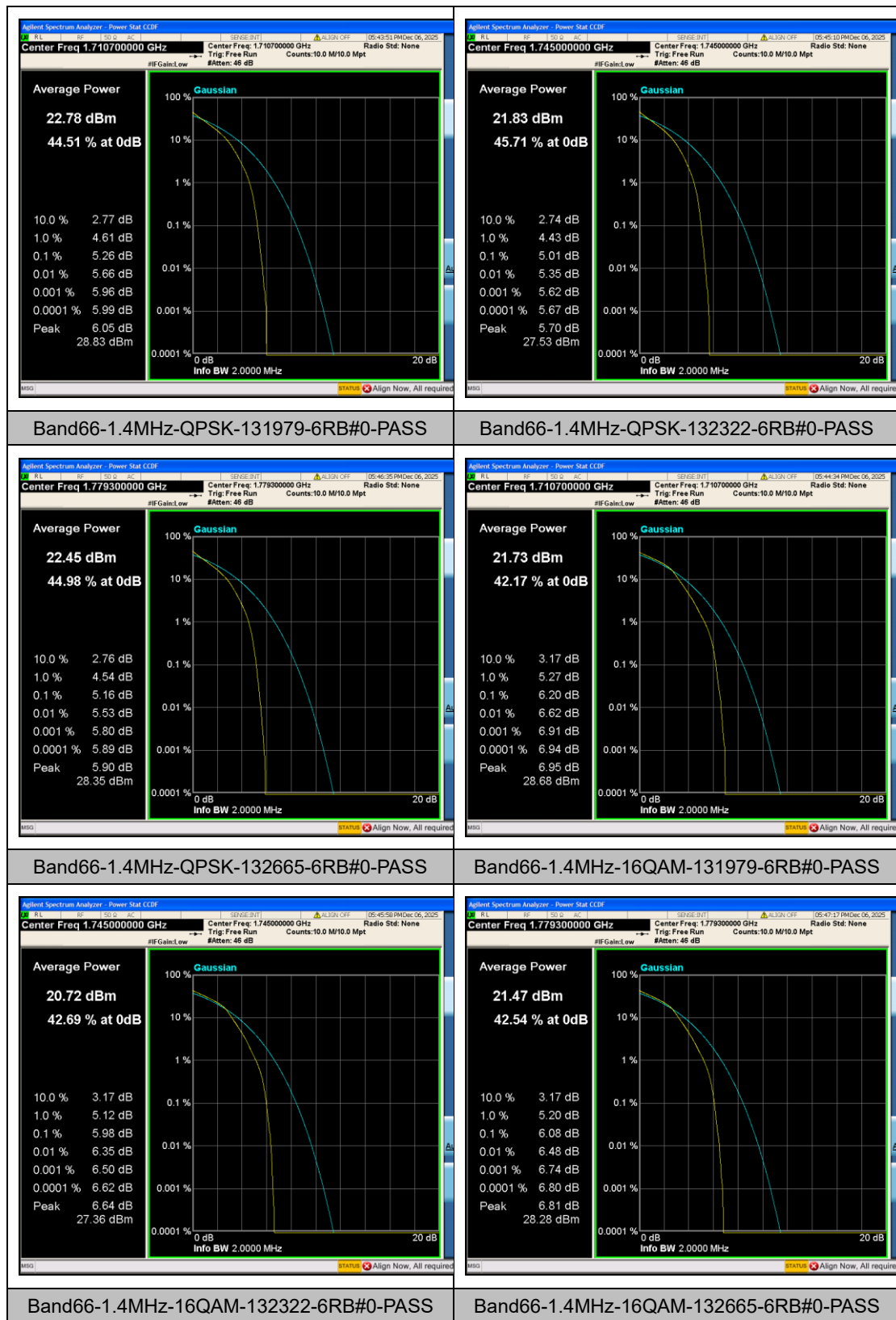
Reviewed By : Eric Wang

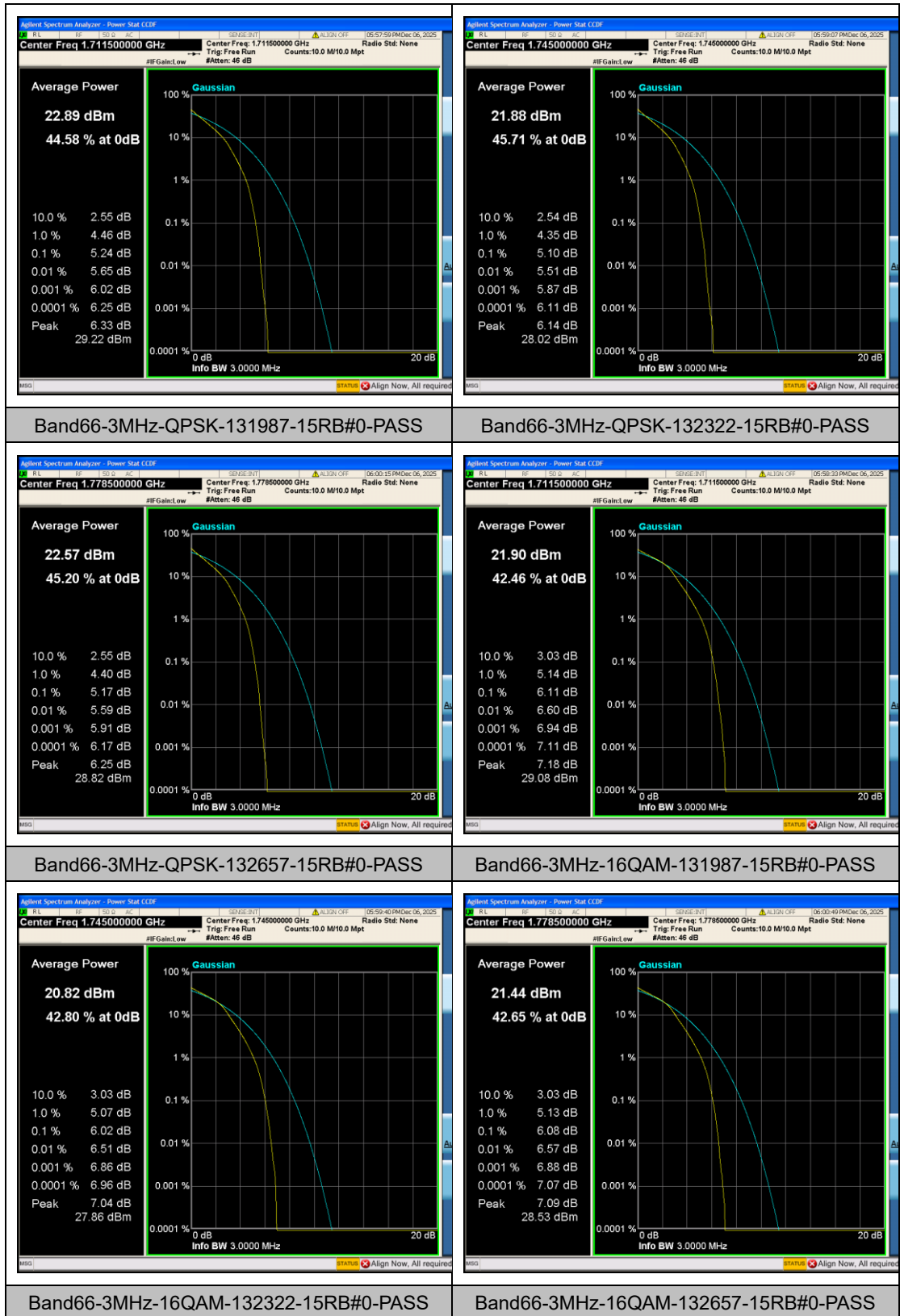
Appendix B: Peak-to-Average Ratio(CCDF)

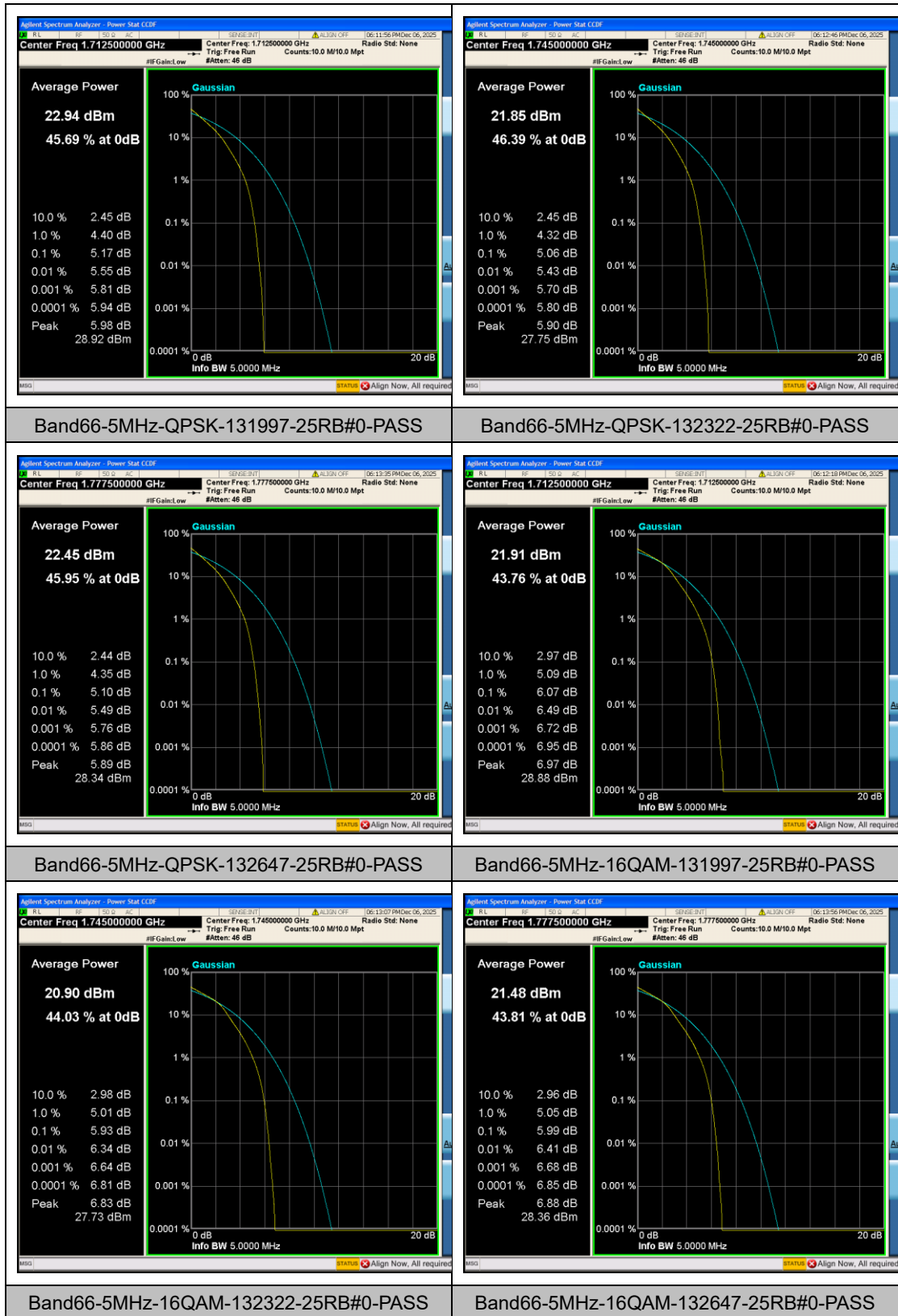
Test Result

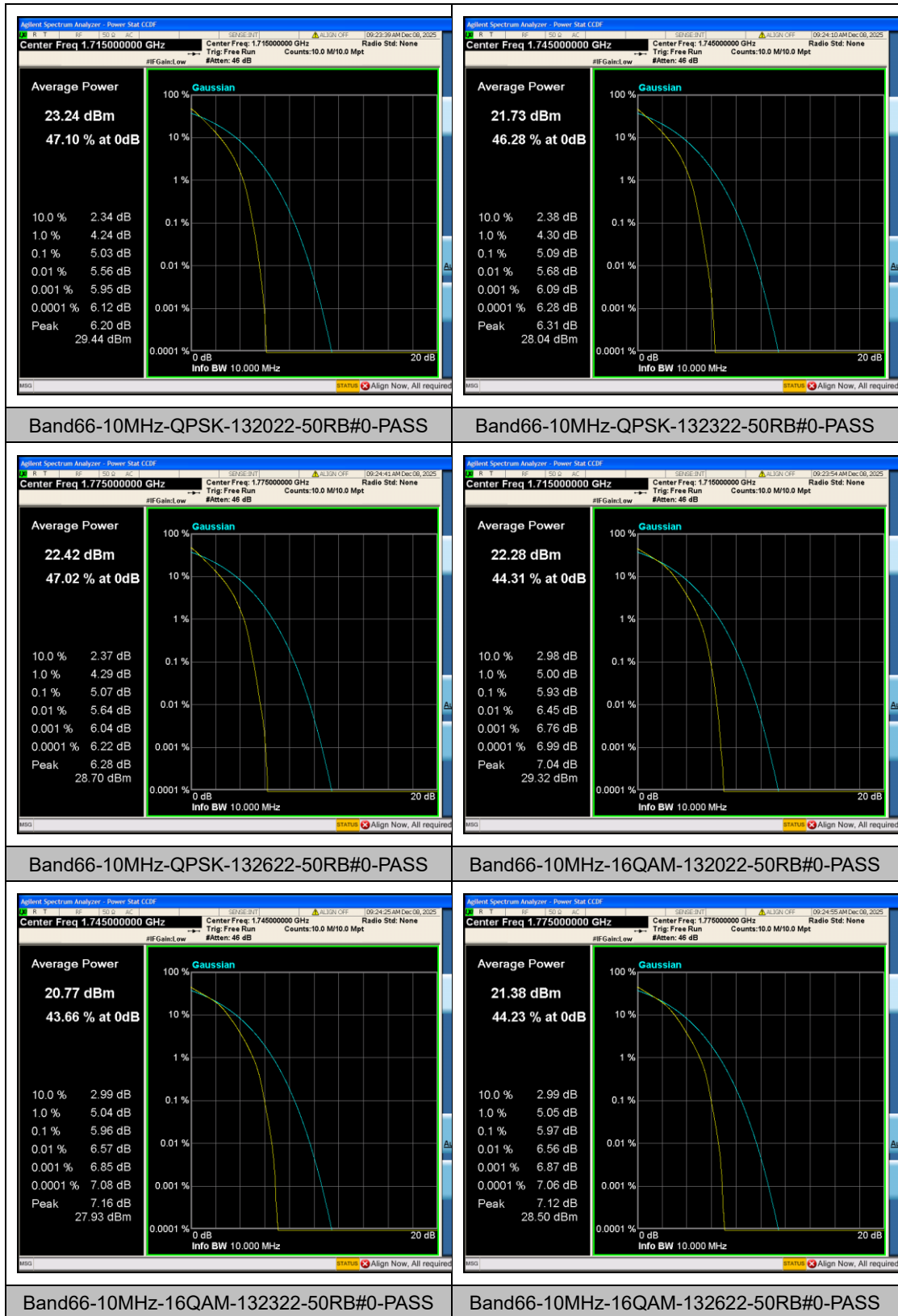
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.26	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.01	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.16	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.20	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.98	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.08	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.24	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.10	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.17	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.11	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.02	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.08	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.17	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.06	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.10	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.07	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.93	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.99	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.03	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.09	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.07	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.93	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.96	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.97	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.12	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.12	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.16	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.00	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.94	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.97	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.00	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.98	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.08	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.99	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.87	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.98	13	PASS

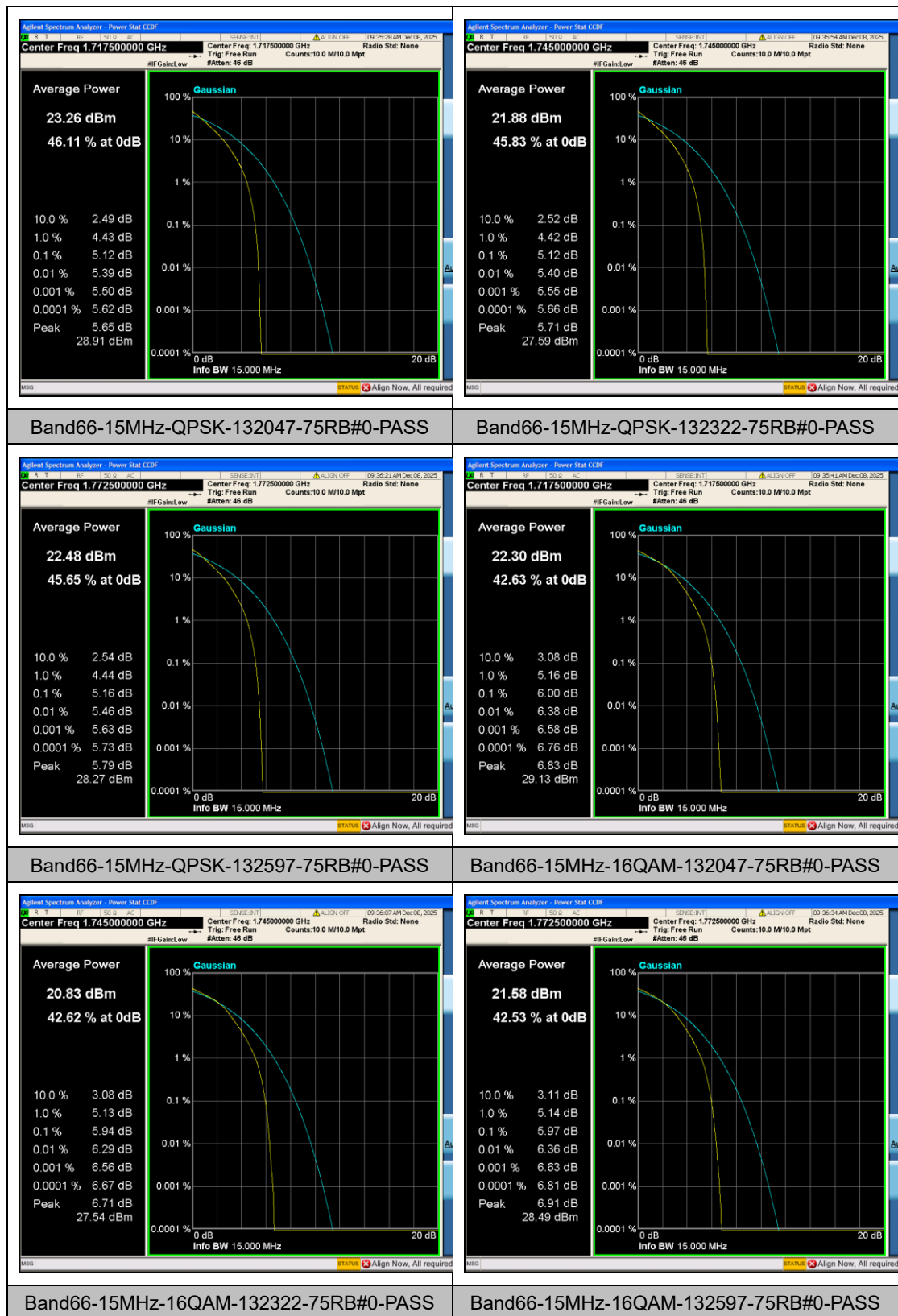
Test Graphs

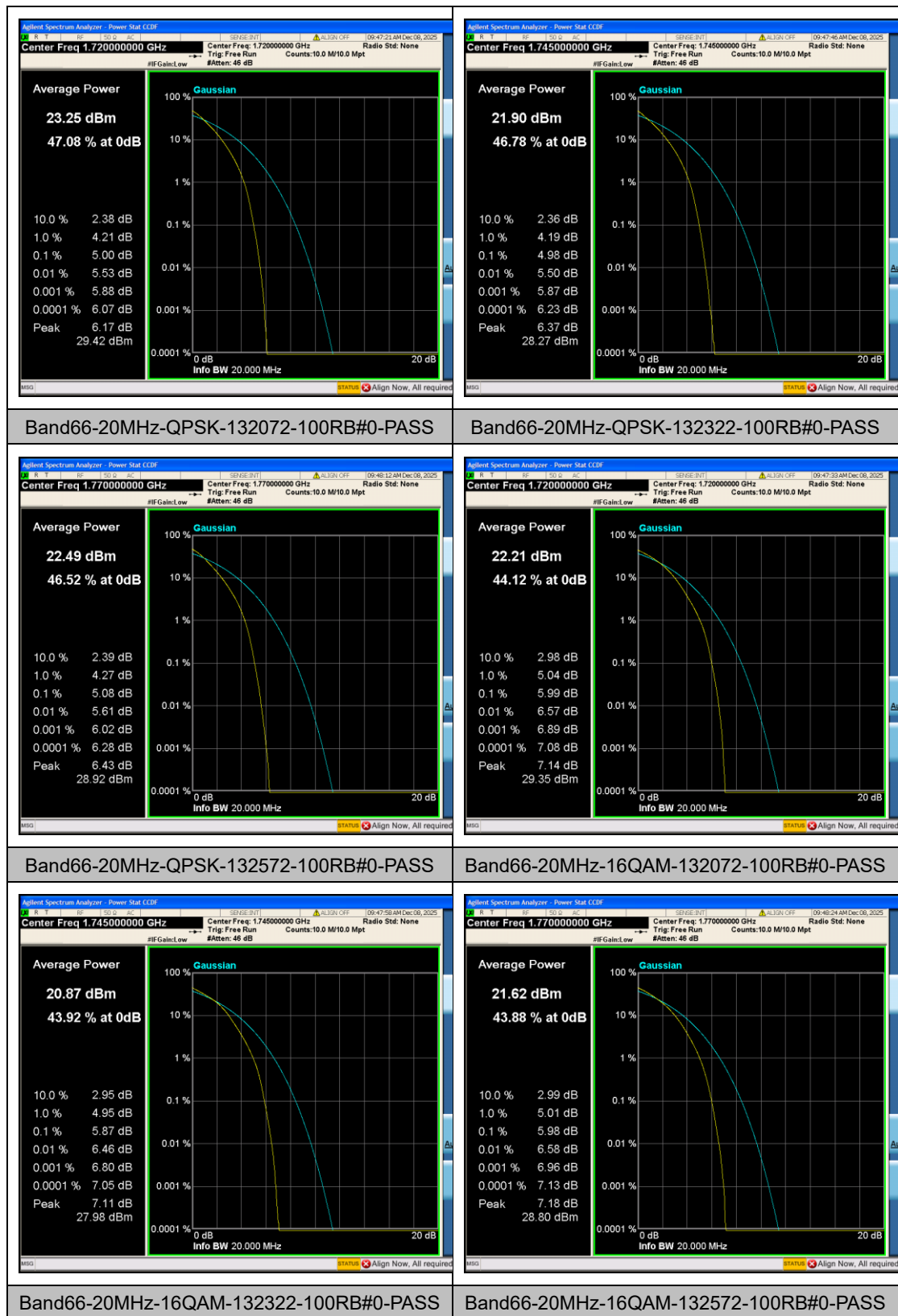










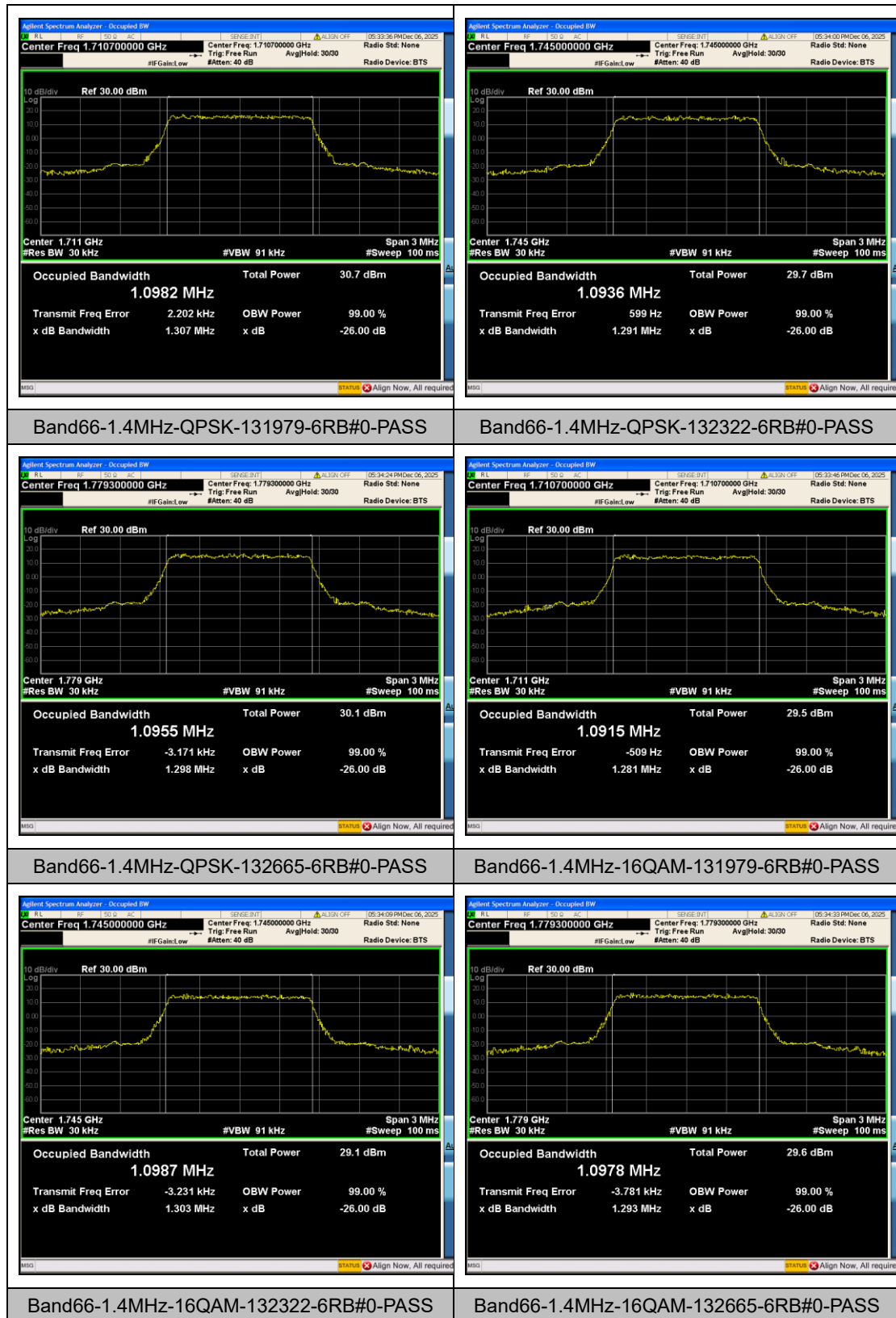


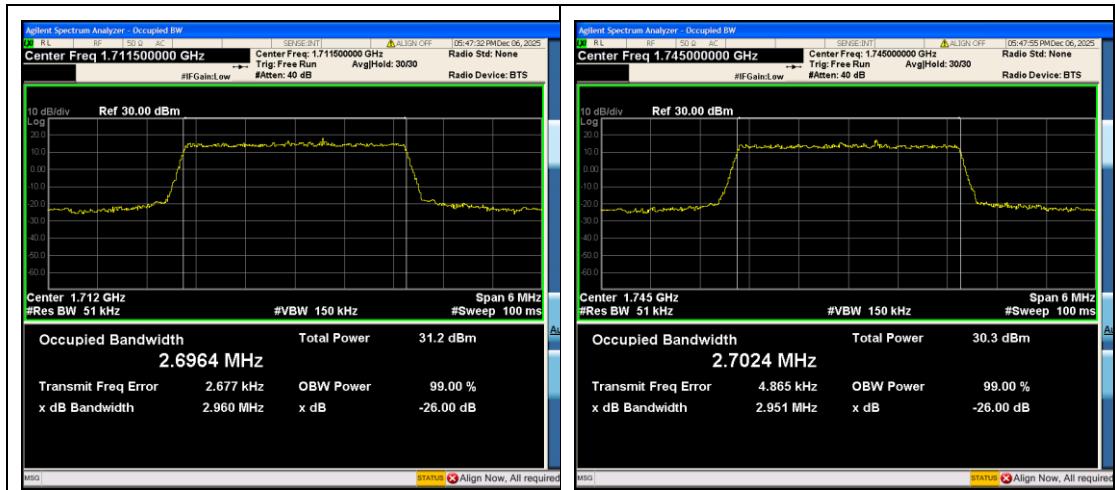
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0982	1.307	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0936	1.291	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0955	1.298	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0915	1.281	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0987	1.303	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0978	1.293	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6964	2.960	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7024	2.951	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7025	2.959	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6954	2.971	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6926	2.964	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6895	2.965	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5037	5.009	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5026	5.018	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5039	5.020	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4953	4.983	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5030	4.975	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4993	4.956	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9529	9.864	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9627	9.912	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9582	9.834	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9454	9.836	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9757	9.814	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9609	9.809	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.388	14.77	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.449	14.72	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.421	14.75	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.399	14.59	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.427	14.71	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.419	14.66	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.864	19.37	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.934	19.39	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.898	19.30	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.874	19.40	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.939	19.55	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.891	19.42	PASS

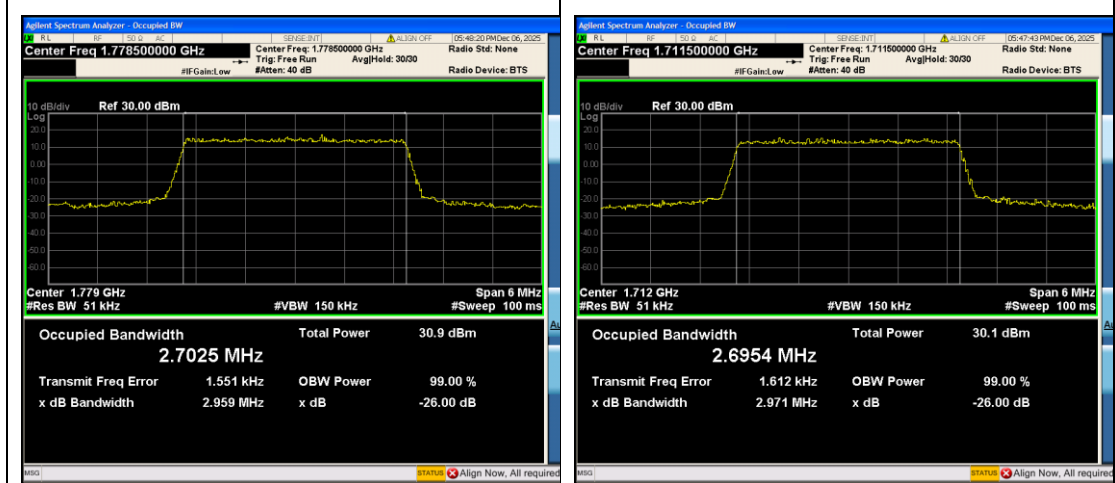
Test Graphs





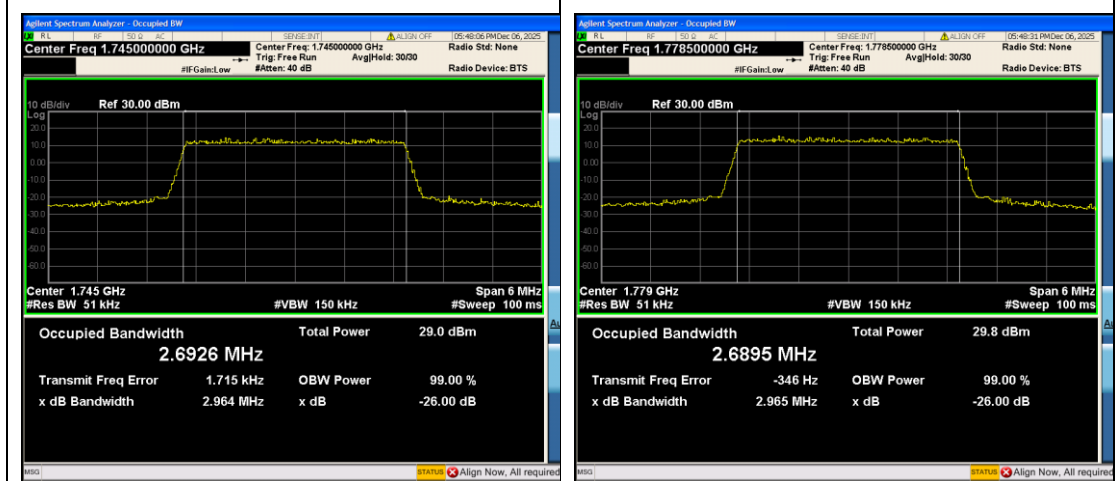
Band66-3MHz-QPSK-131987-15RB#0-PASS

Band66-3MHz-QPSK-132322-15RB#0-PASS



Band66-3MHz-QPSK-132657-15RB#0-PASS

Band66-3MHz-16QAM-131987-15RB#0-PASS



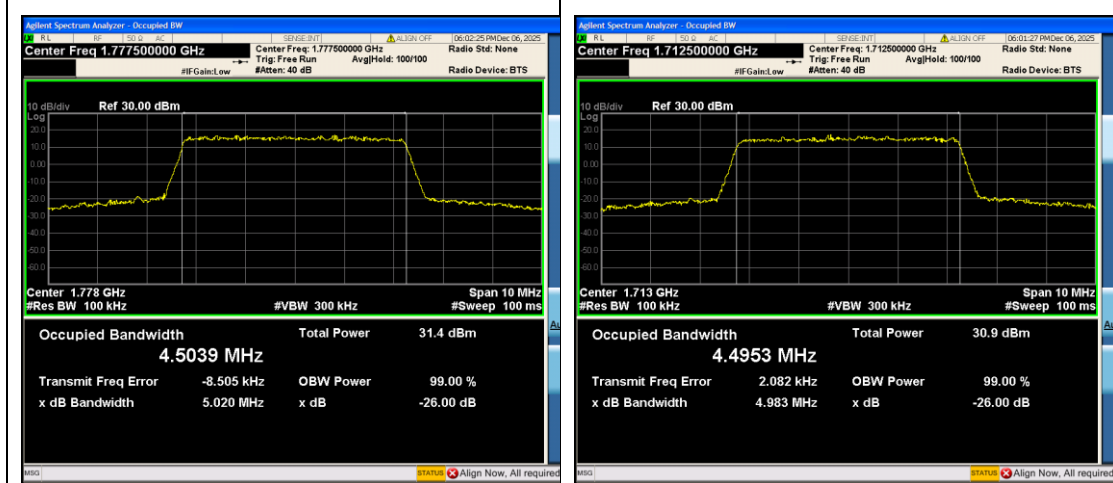
Band66-3MHz-16QAM-132322-15RB#0-PASS

Band66-3MHz-16QAM-132657-15RB#0-PASS



Band66-5MHz-QPSK-131997-25RB#0-PASS

Band66-5MHz-QPSK-132322-25RB#0-PASS



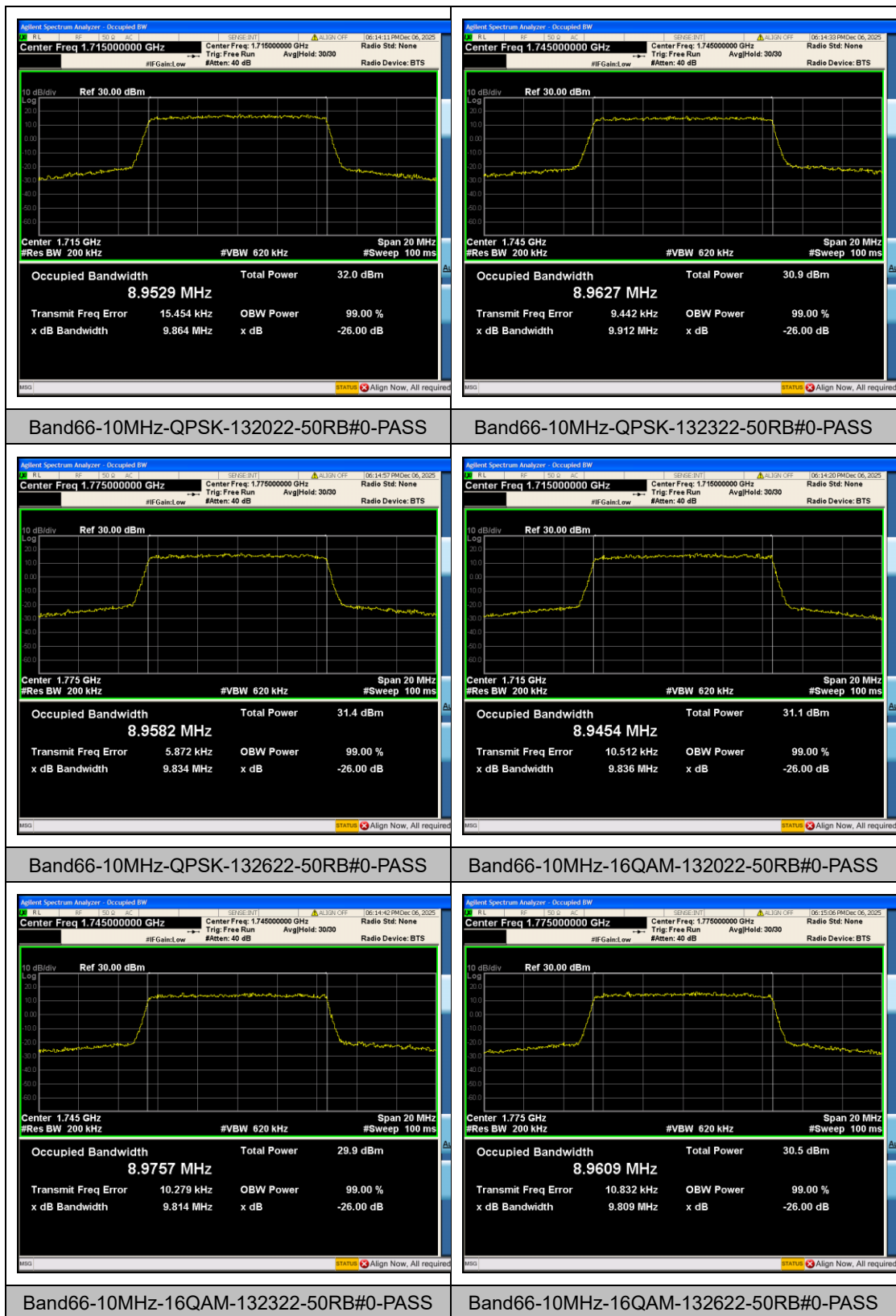
Band66-5MHz-QPSK-132647-25RB#0-PASS

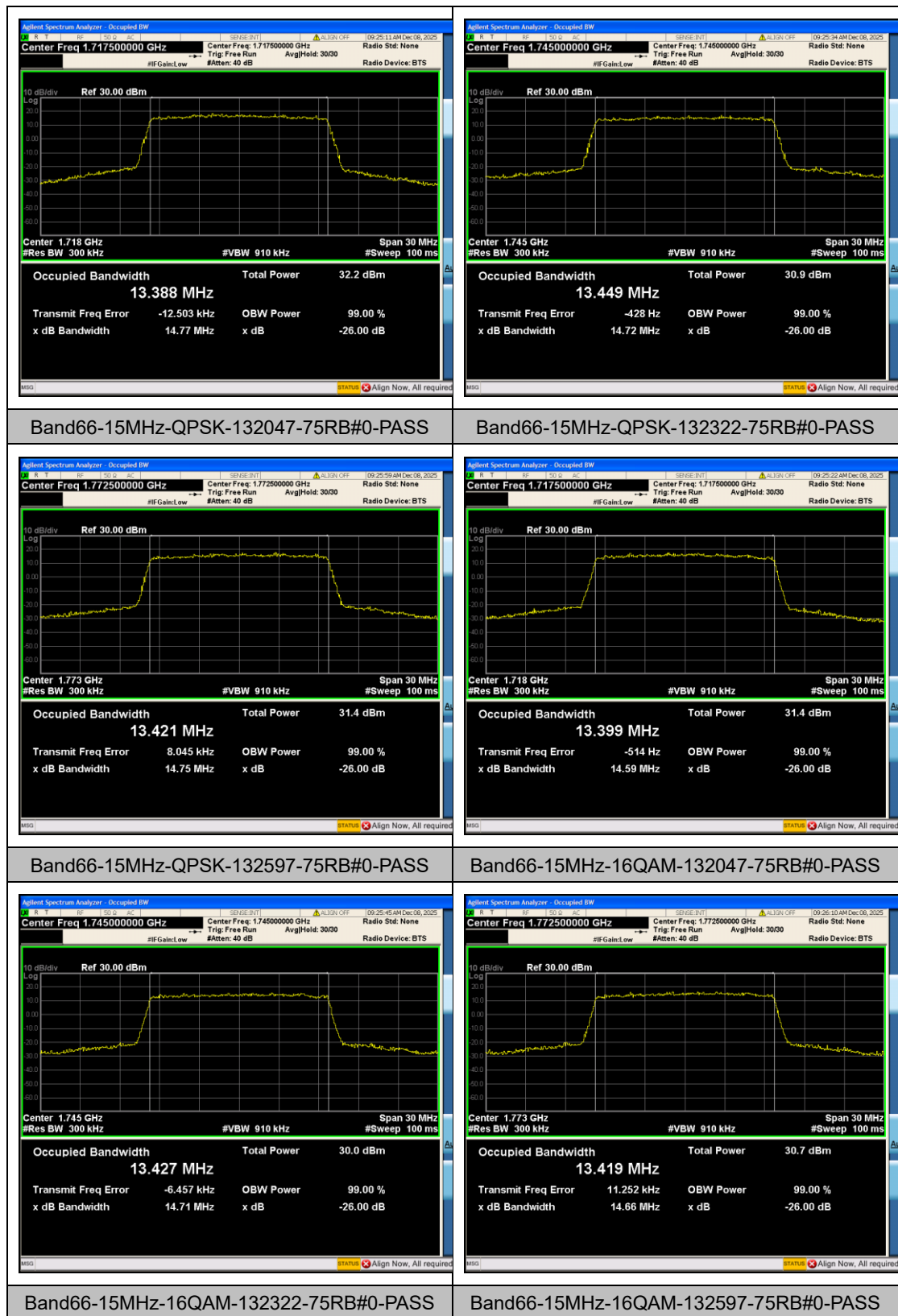
Band66-5MHz-16QAM-131997-25RB#0-PASS

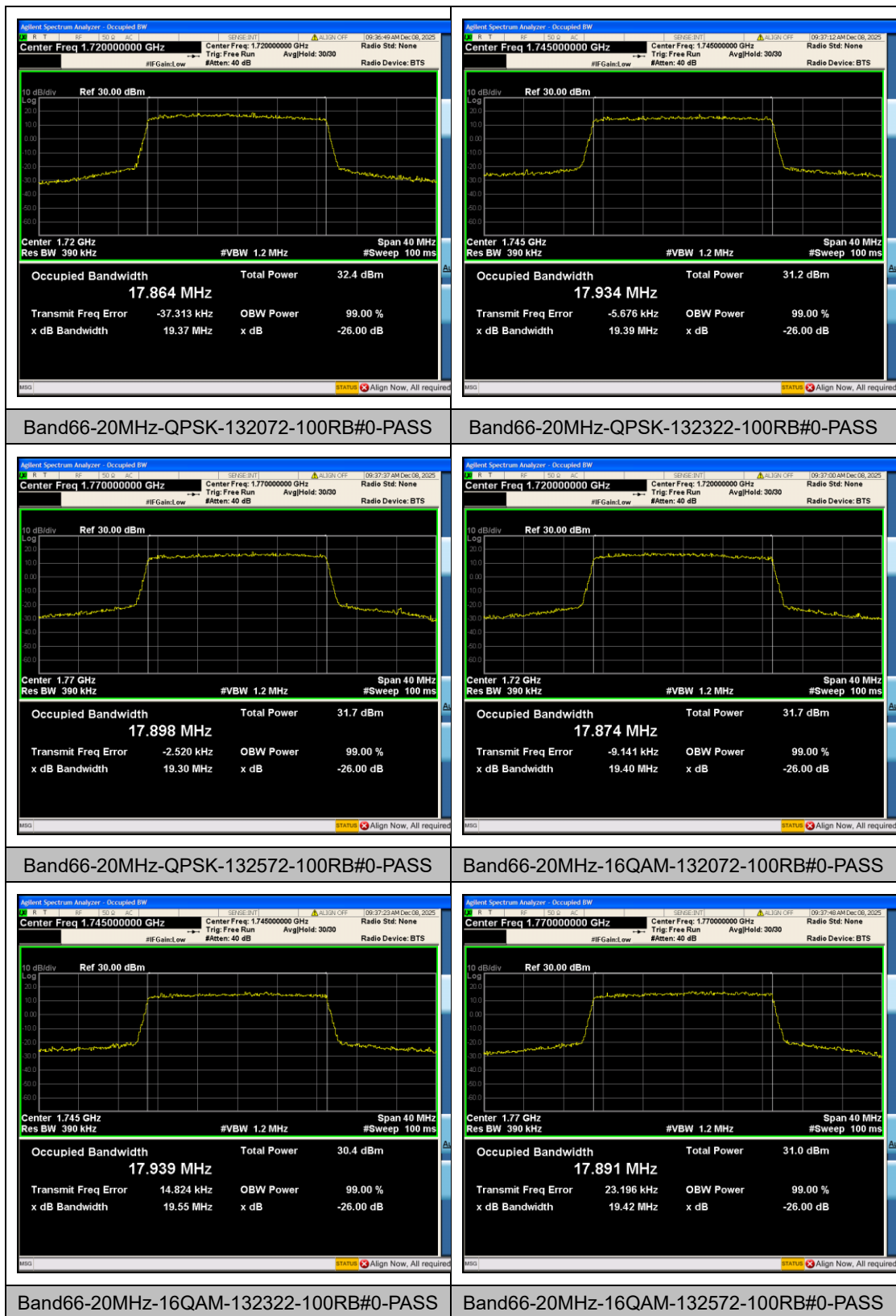


Band66-5MHz-16QAM-132322-25RB#0-PASS

Band66-5MHz-16QAM-132647-25RB#0-PASS







Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-24.43	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-25.61	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-23.08	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-25.60	PASS
Band66	3MHz	QPSK	131987	15RB#0	-22.20	PASS
Band66	3MHz	QPSK	132657	15RB#0	-22.92	PASS
Band66	3MHz	16QAM	131987	15RB#0	-22.94	PASS
Band66	3MHz	16QAM	132657	15RB#0	-23.44	PASS
Band66	5MHz	QPSK	131997	25RB#0	-23.63	PASS
Band66	5MHz	QPSK	132647	25RB#0	-24.09	PASS
Band66	5MHz	16QAM	131997	25RB#0	-23.67	PASS
Band66	5MHz	16QAM	132647	25RB#0	-24.53	PASS
Band66	10MHz	QPSK	132022	50RB#0	-26.82	PASS
Band66	10MHz	QPSK	132622	50RB#0	-26.91	PASS
Band66	10MHz	16QAM	132022	50RB#0	-27.34	PASS
Band66	10MHz	16QAM	132622	50RB#0	-27.73	PASS
Band66	15MHz	QPSK	132047	75RB#0	-27.14	PASS
Band66	15MHz	QPSK	132597	75RB#0	-27.47	PASS
Band66	15MHz	16QAM	132047	75RB#0	-27.78	PASS
Band66	15MHz	16QAM	132597	75RB#0	-28.41	PASS
Band66	20MHz	QPSK	132072	100RB#0	-28.97	PASS
Band66	20MHz	QPSK	132572	100RB#0	-29.34	PASS
Band66	20MHz	16QAM	132072	100RB#0	-29.55	PASS
Band66	20MHz	16QAM	132572	100RB#0	-30.09	PASS