

FCC Appendix RF Test Data for LTE Band 66

FCC ID : 2AU4T-TH11

Company : Shanghai TUGE Data Technologies Co., Ltd.

EUT : MobileHub

Model Number : TH11

Report No. : CTA26071403113

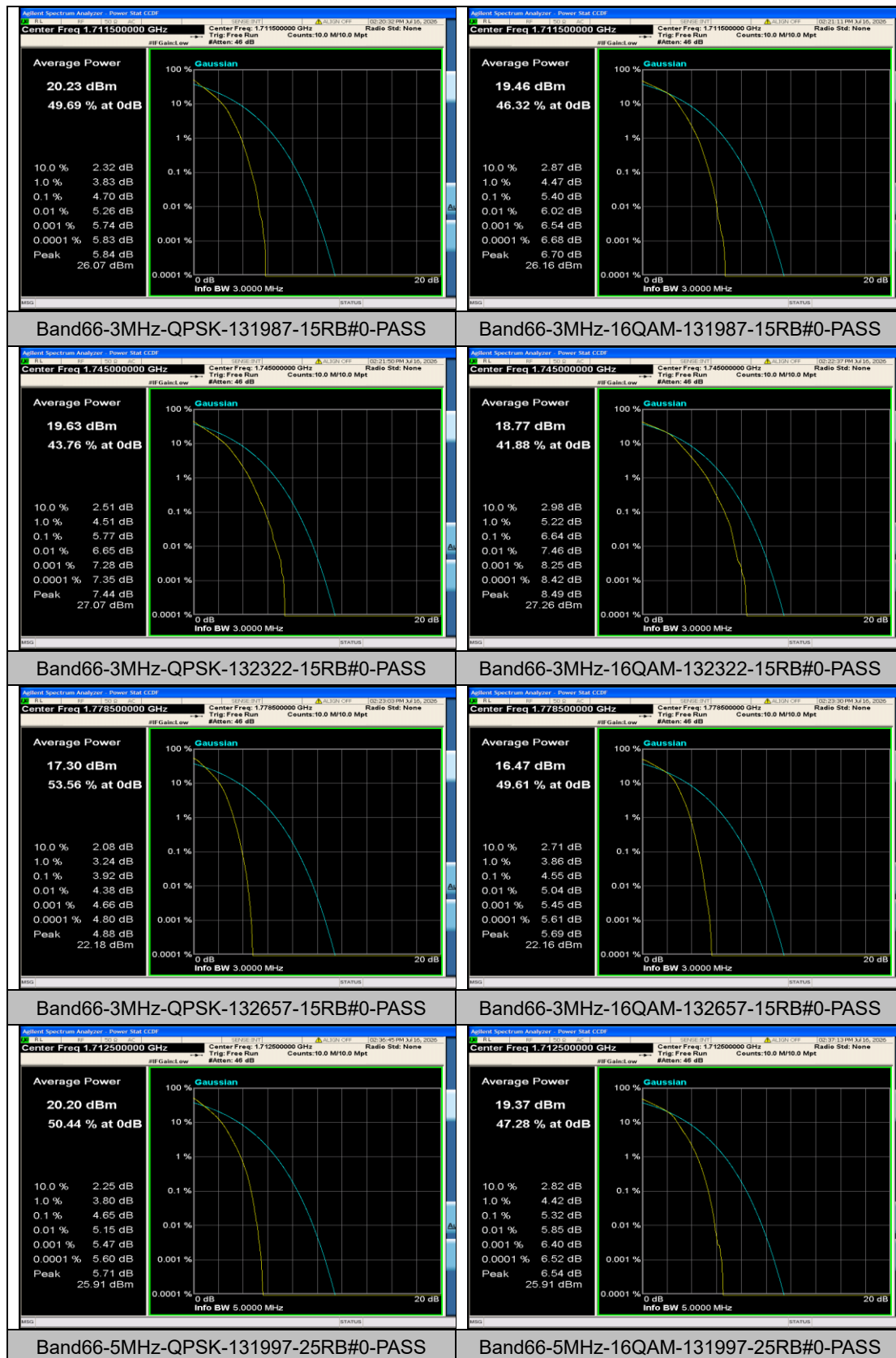
Reviewed By : Eric Wang

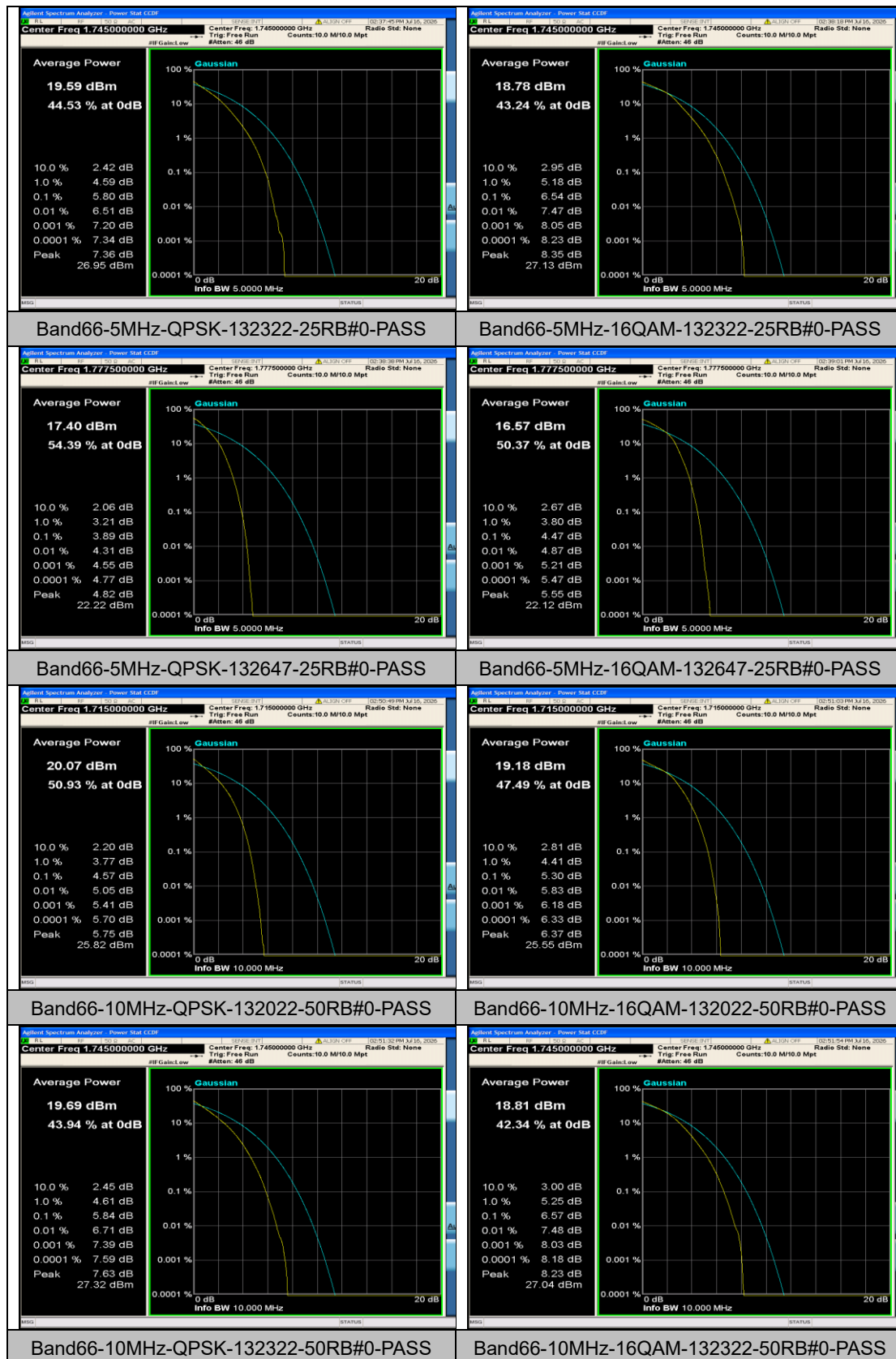
Appendix B: Peak-to-Average Ratio(CCDF)

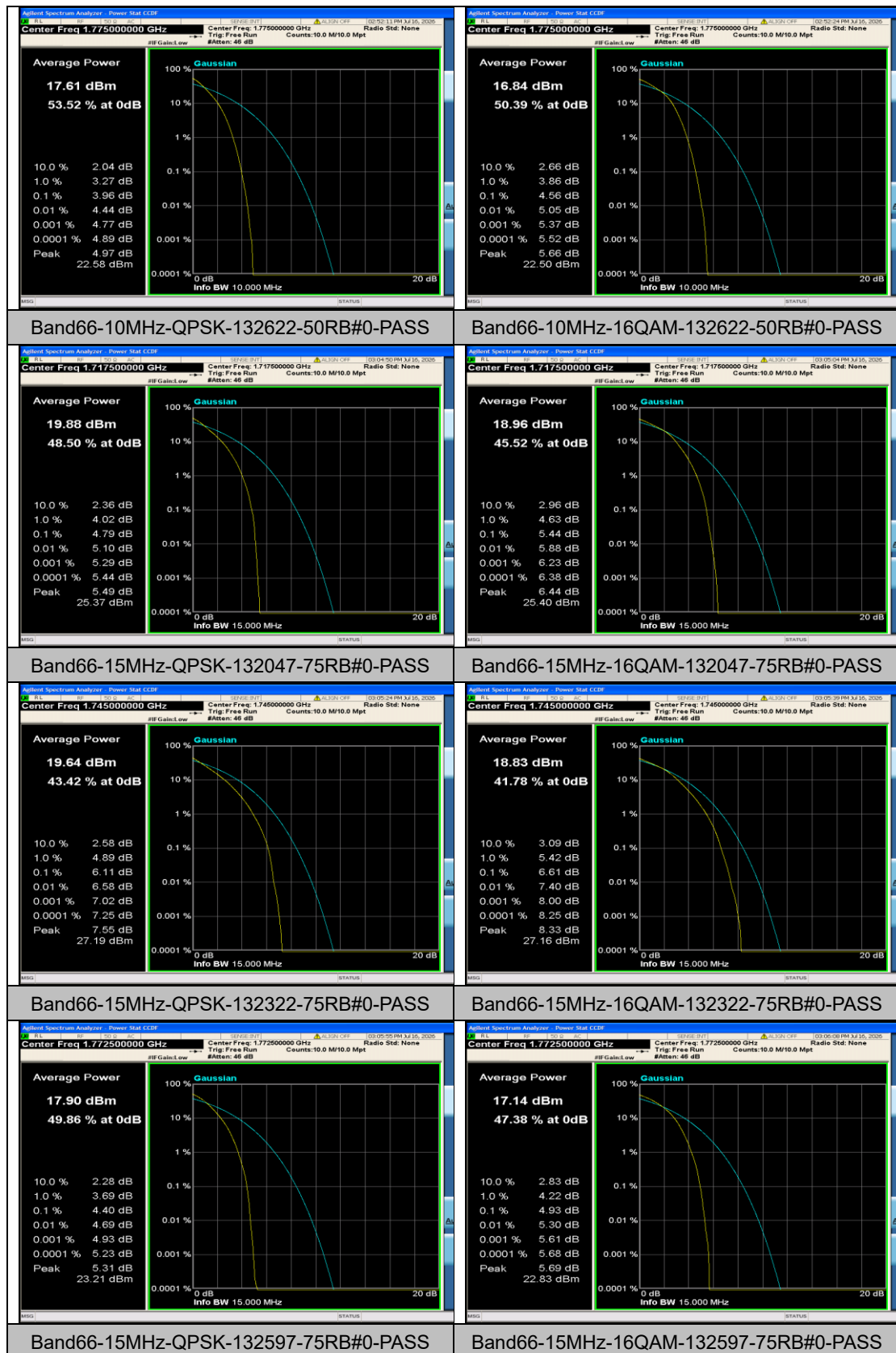
Test Result

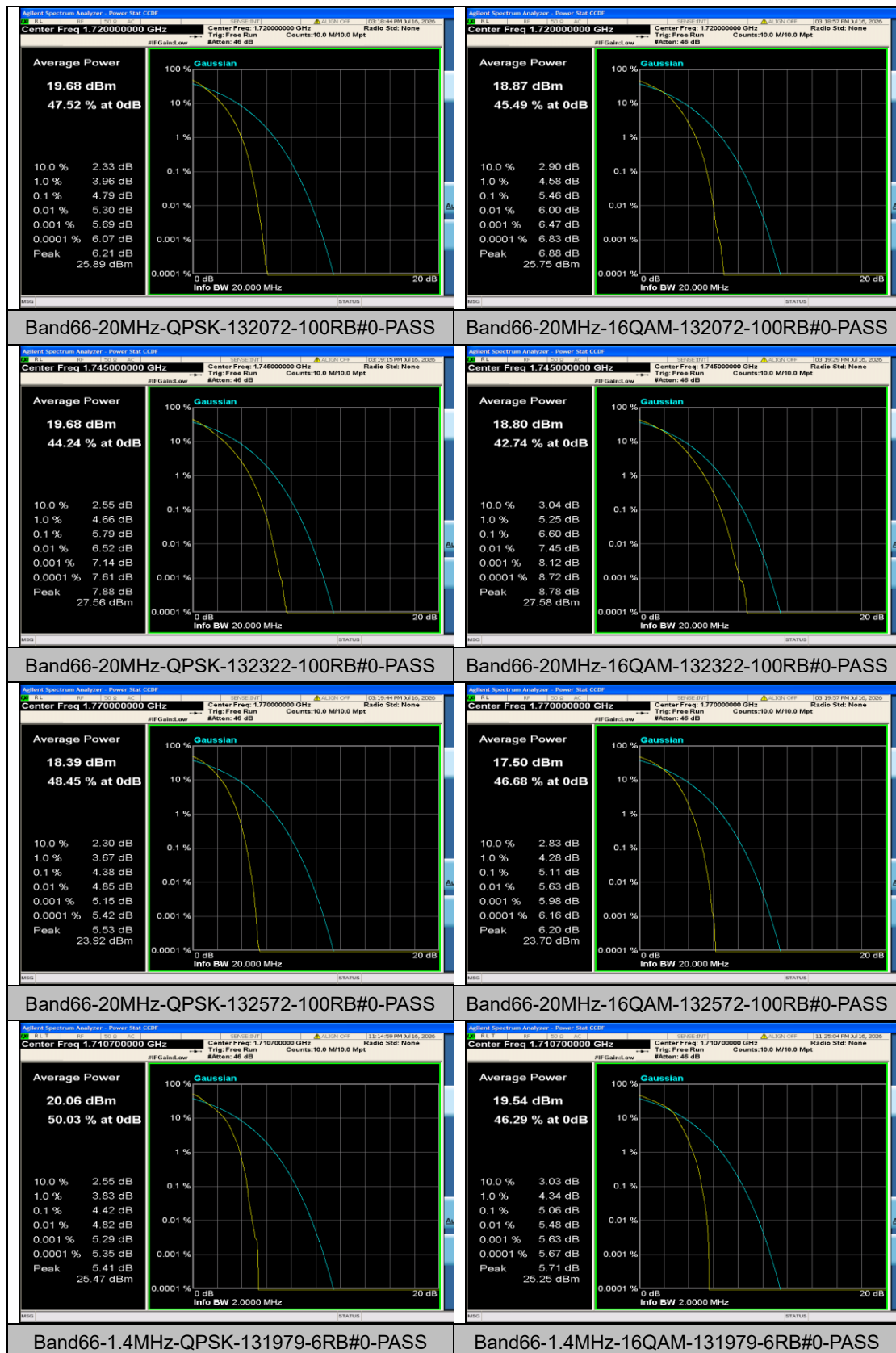
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	3MHz	QPSK	131987	15RB#0	4.70	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.40	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.77	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.64	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	3.92	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	4.55	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.65	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.32	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.80	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.54	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	3.89	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.47	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	4.57	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.30	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.84	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.57	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	3.96	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	4.56	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	4.79	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.44	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	6.11	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.61	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	4.40	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	4.93	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.79	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.46	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.79	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.60	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.38	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.11	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	4.42	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.06	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.79	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.59	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	2.89	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	3.53	13	PASS

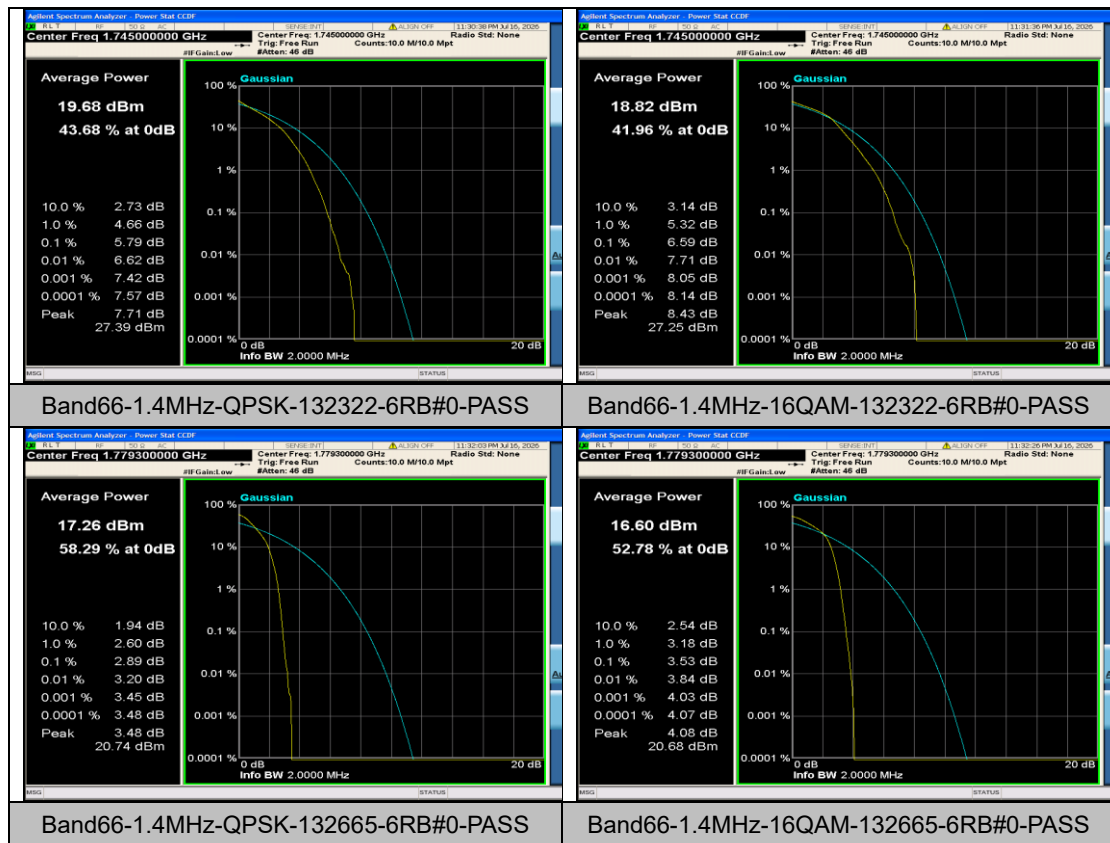
Test Graphs









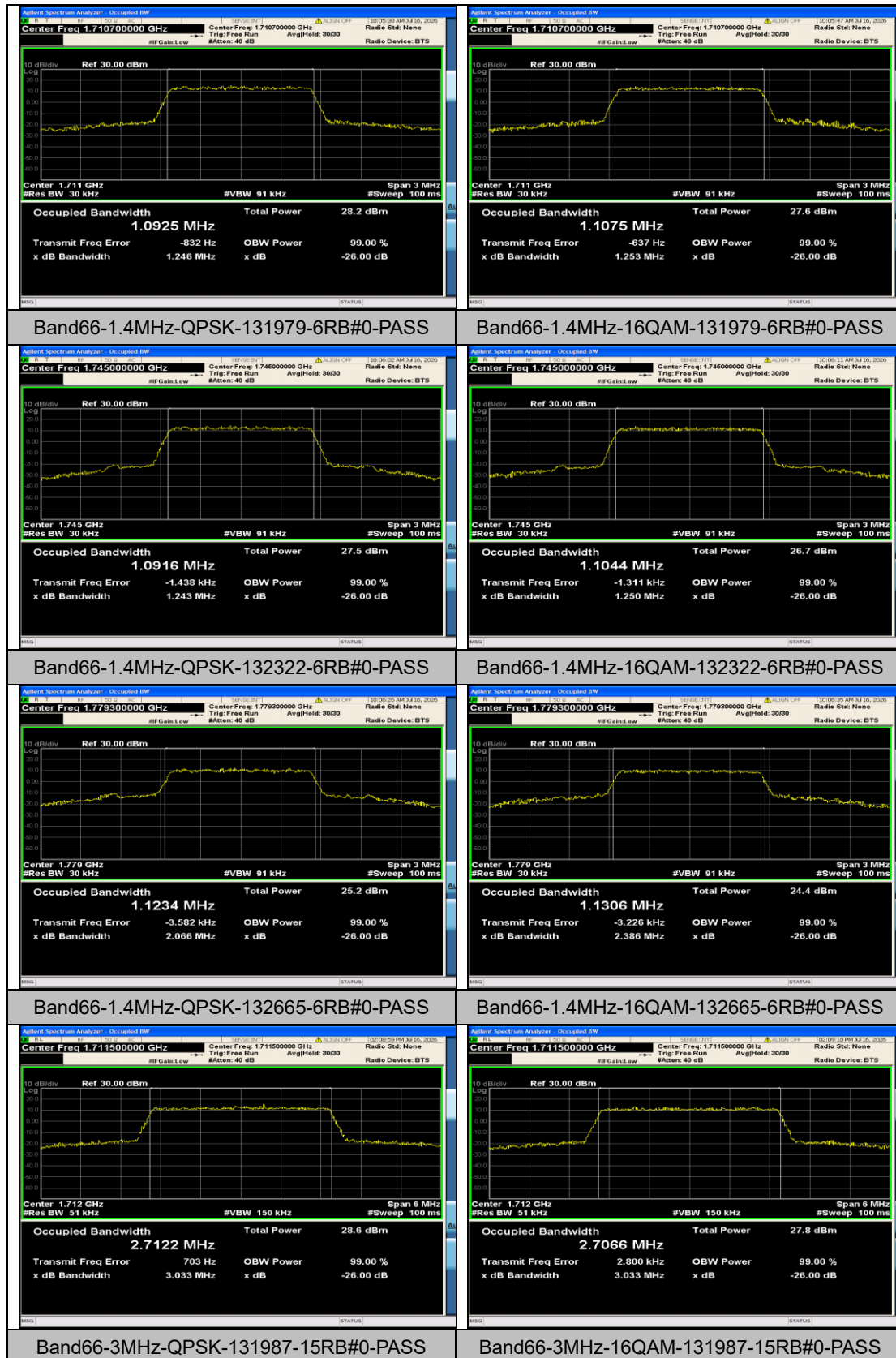


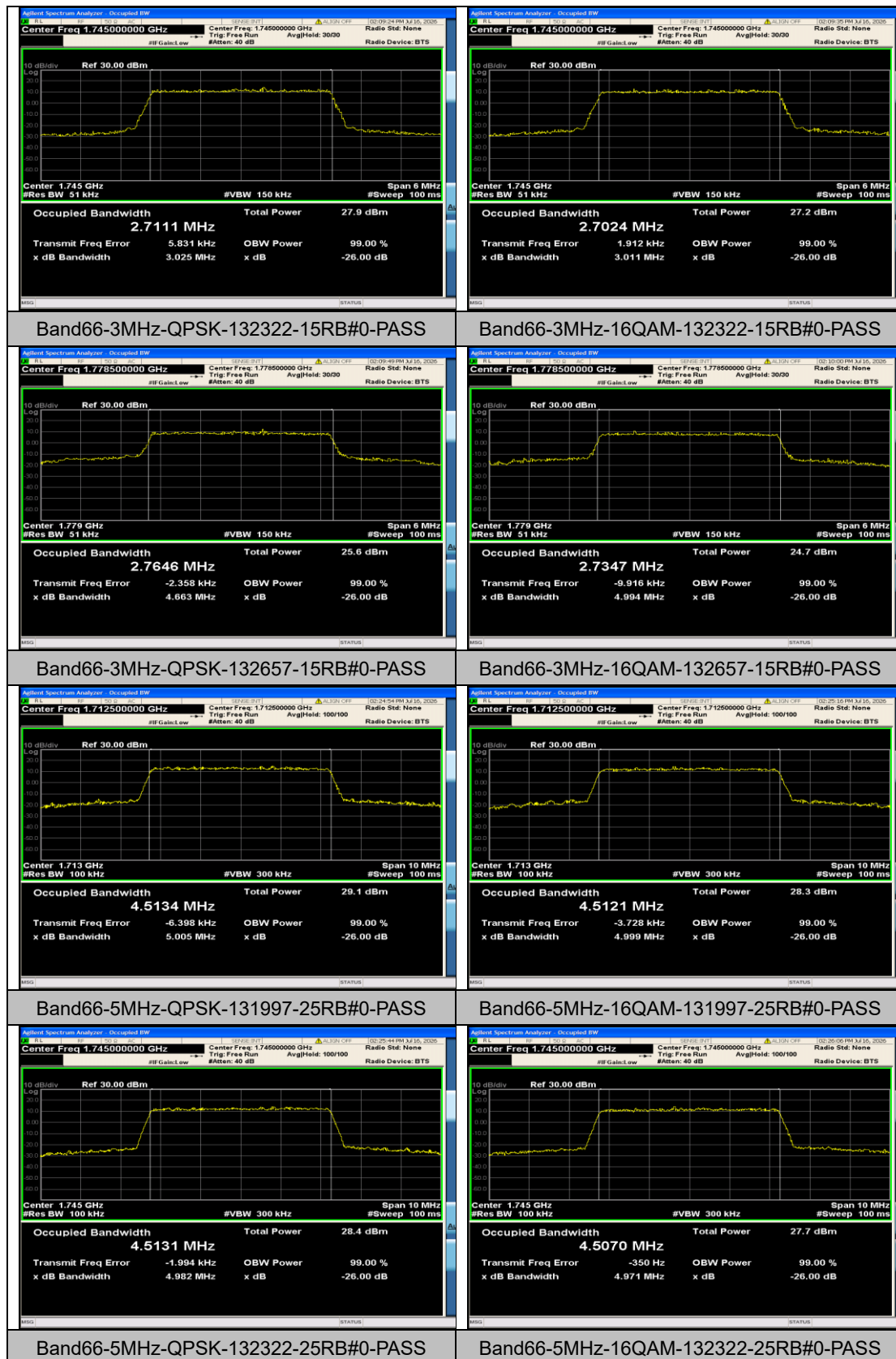
Appendix C: 26dB Bandwidth and Occupied Bandwidth

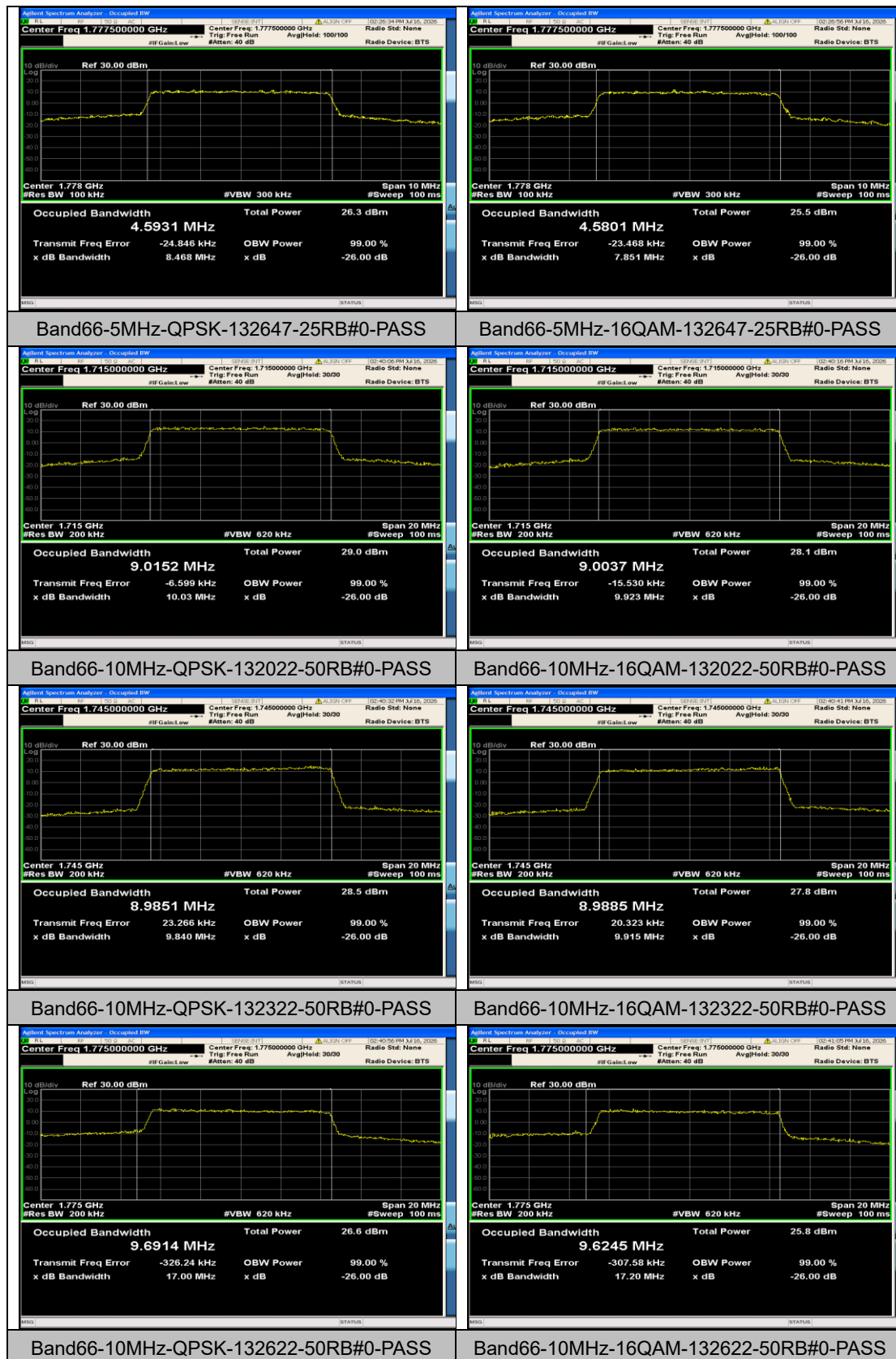
Test Result

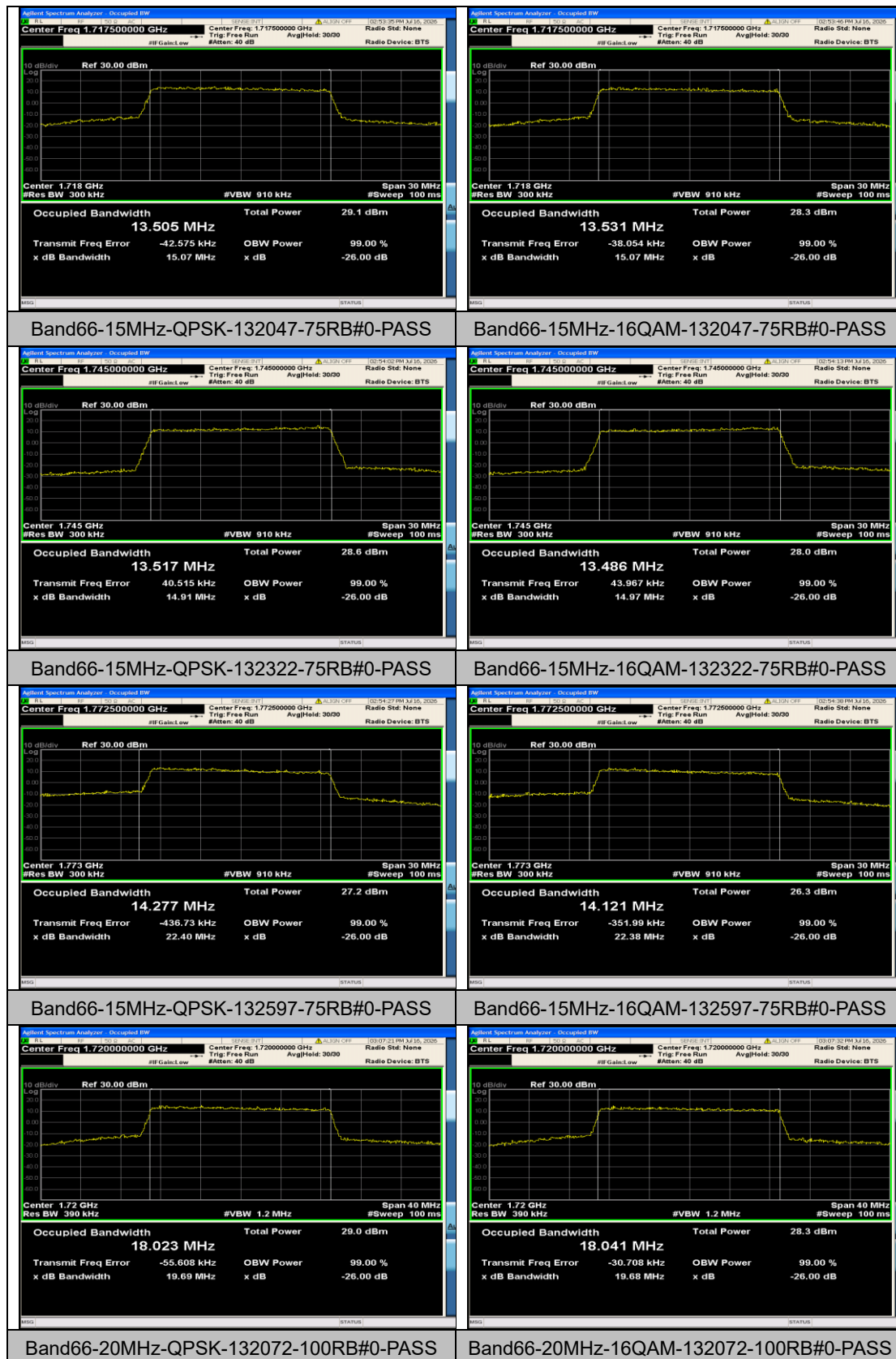
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0925	1.246	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1075	1.253	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0916	1.243	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1044	1.250	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.1234	2.066	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1306	2.386	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7122	3.033	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.7066	3.033	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7111	3.025	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.7024	3.011	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7646	4.663	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.7347	4.994	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5134	5.005	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5121	4.999	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5131	4.982	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5070	4.971	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5931	8.468	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5801	7.851	PASS
Band66	10MHz	QPSK	132022	50RB#0	9.0152	10.03	PASS
Band66	10MHz	16QAM	132022	50RB#0	9.0037	9.923	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9851	9.840	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9885	9.915	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.6914	17.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.6245	17.20	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.505	15.07	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.531	15.07	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.517	14.91	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.486	14.97	PASS
Band66	15MHz	QPSK	132597	75RB#0	14.277	22.40	PASS
Band66	15MHz	16QAM	132597	75RB#0	14.121	22.38	PASS
Band66	20MHz	QPSK	132072	100RB#0	18.023	19.69	PASS
Band66	20MHz	16QAM	132072	100RB#0	18.041	19.68	PASS
Band66	20MHz	QPSK	132322	100RB#0	18.014	19.66	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.034	19.57	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.156	26.59	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.117	25.85	PASS

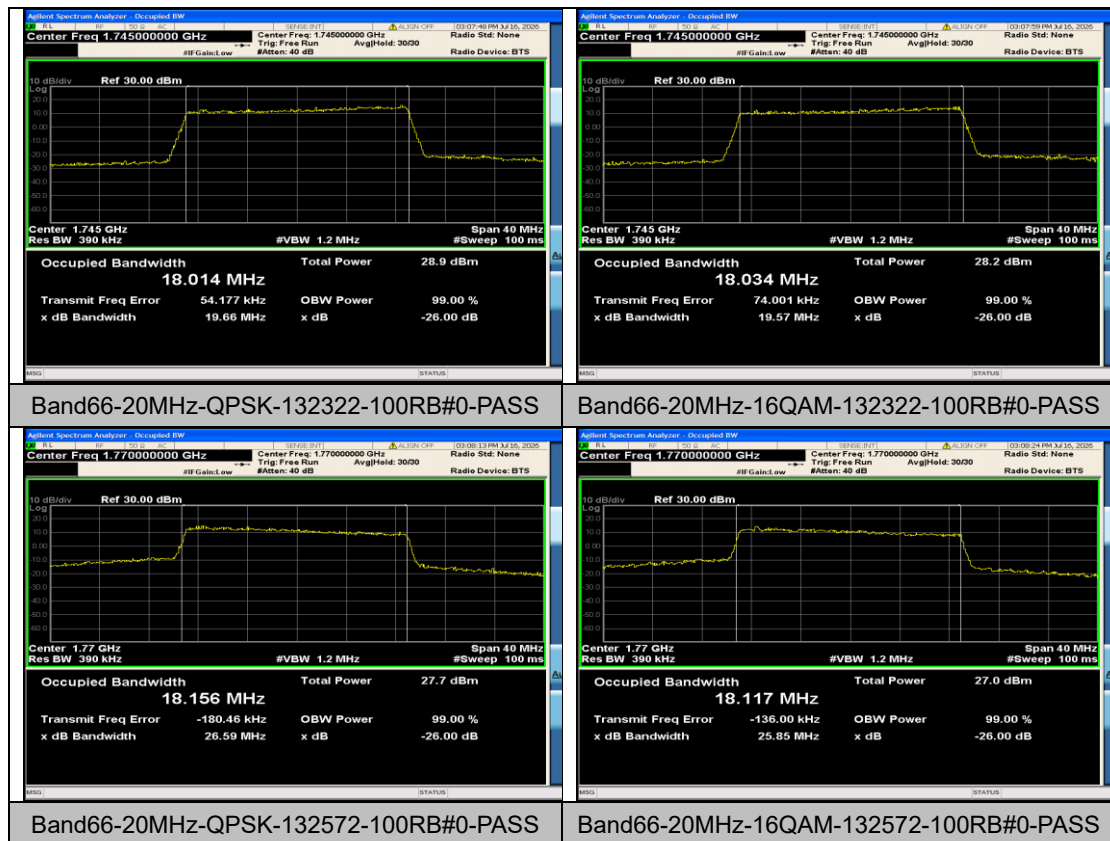
Test Graphs









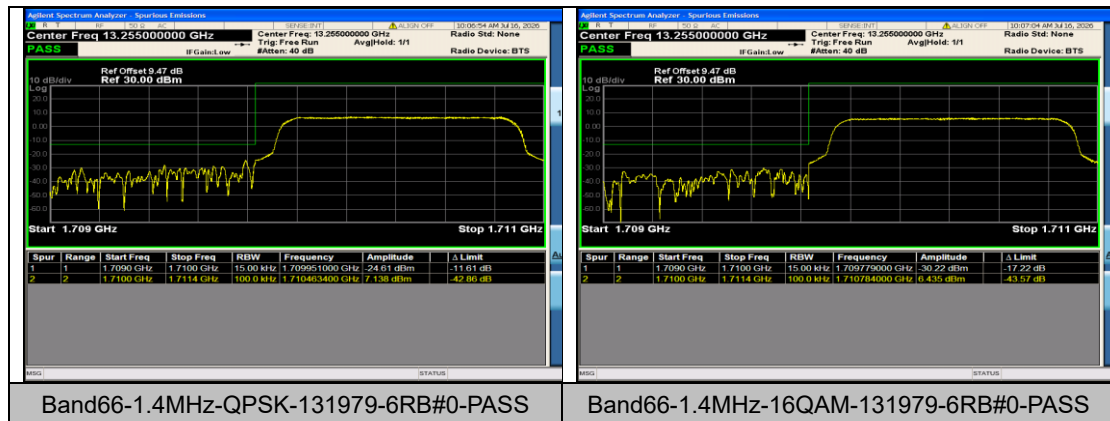


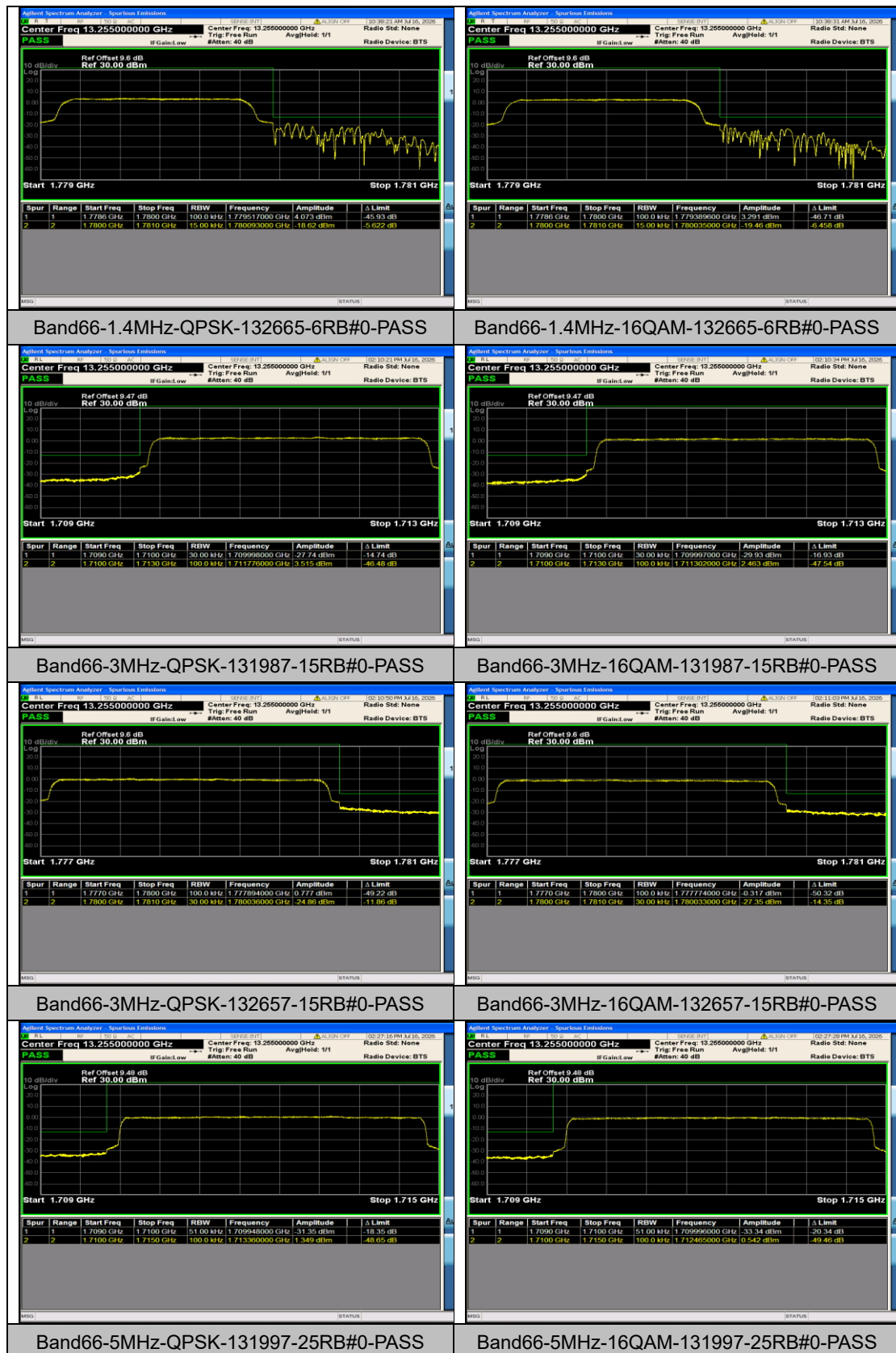
Appendix D: Band Edge

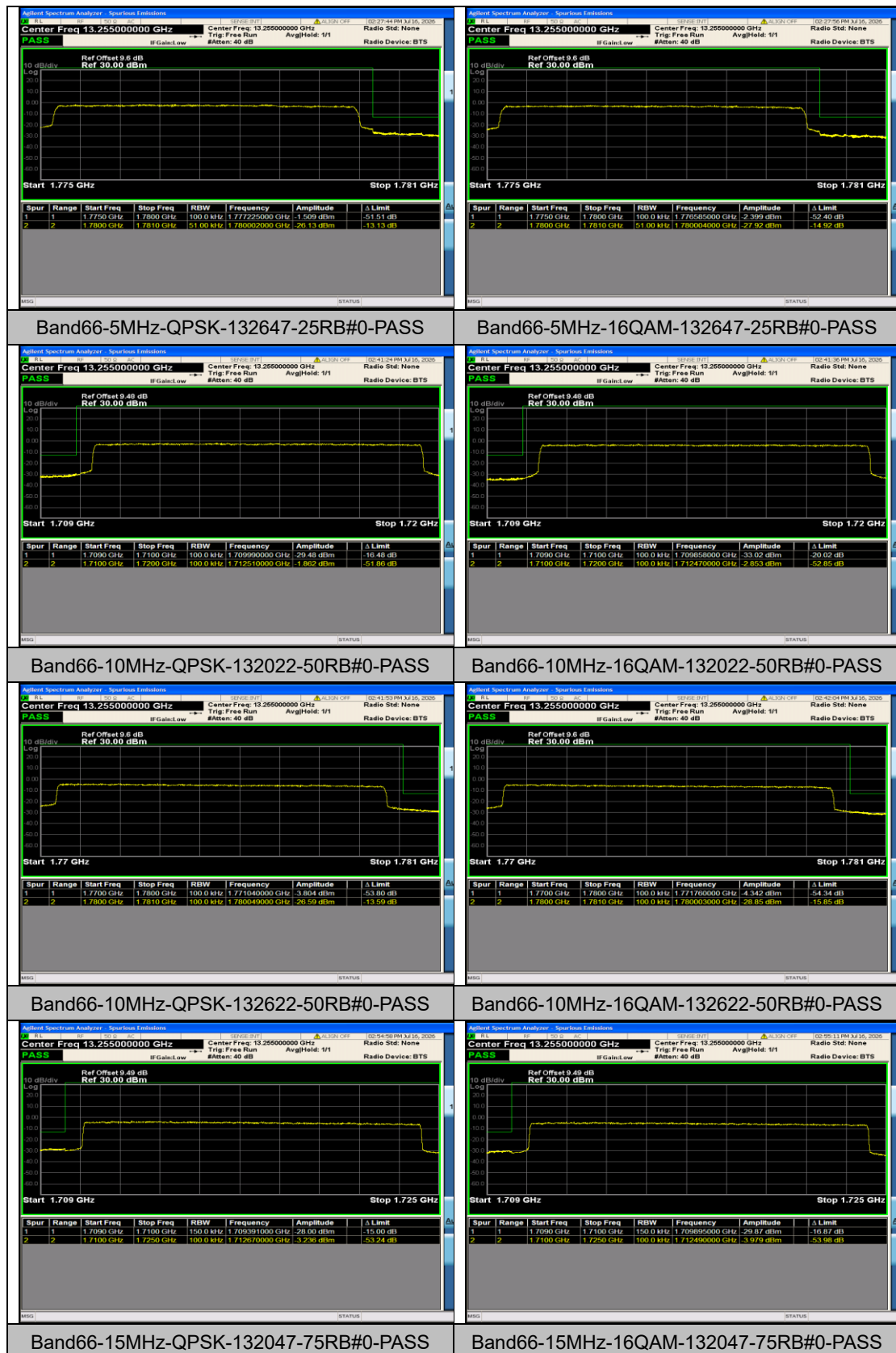
Test Result

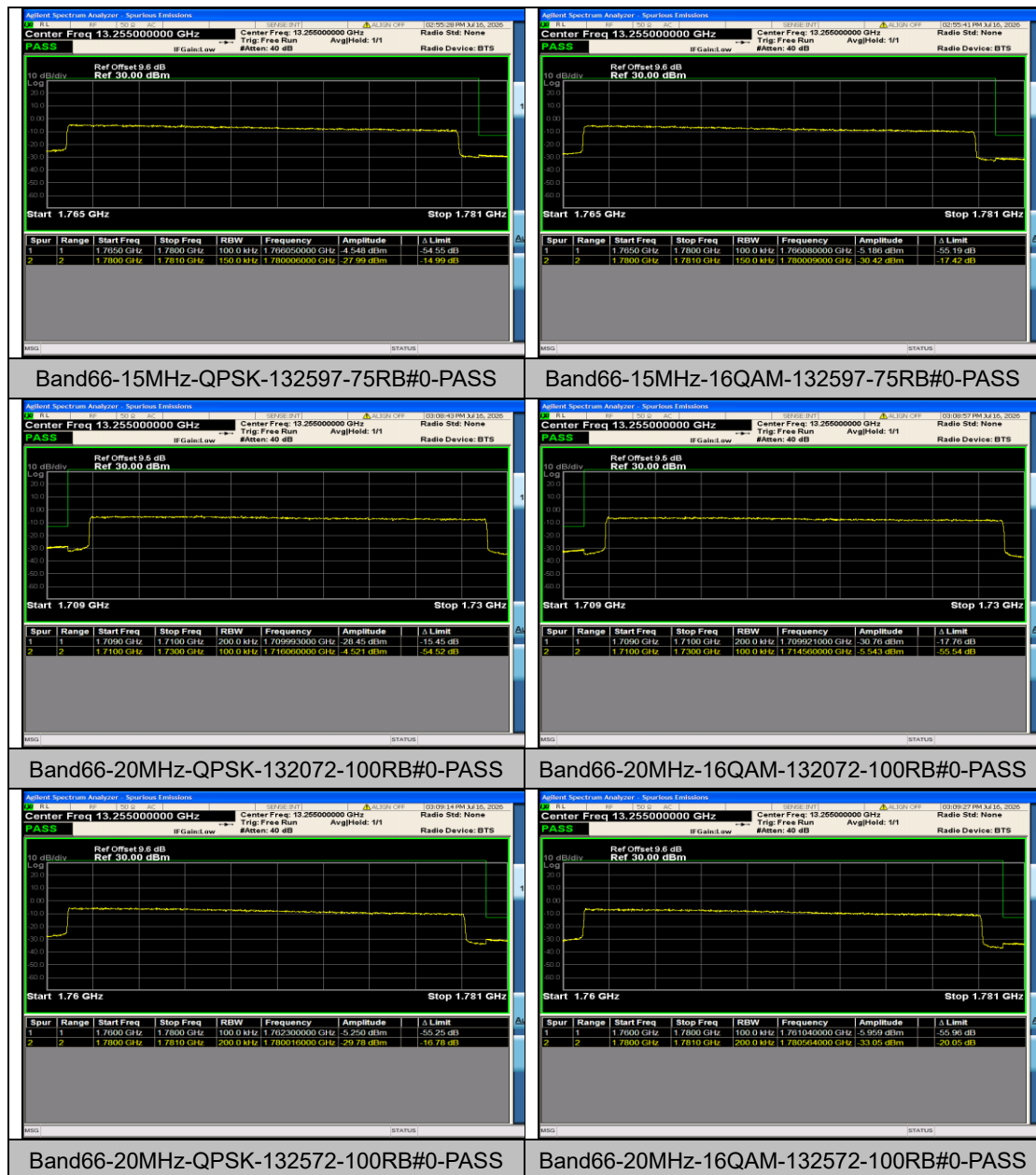
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-24.61	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-30.22	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-18.62	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-19.46	PASS
Band66	3MHz	QPSK	131987	15RB#0	-27.74	PASS
Band66	3MHz	16QAM	131987	15RB#0	-29.93	PASS
Band66	3MHz	QPSK	132657	15RB#0	-24.86	PASS
Band66	3MHz	16QAM	132657	15RB#0	-27.35	PASS
Band66	5MHz	QPSK	131997	25RB#0	-31.35	PASS
Band66	5MHz	16QAM	131997	25RB#0	-33.34	PASS
Band66	5MHz	QPSK	132647	25RB#0	-26.13	PASS
Band66	5MHz	16QAM	132647	25RB#0	-27.92	PASS
Band66	10MHz	QPSK	132022	50RB#0	-29.48	PASS
Band66	10MHz	16QAM	132022	50RB#0	-33.02	PASS
Band66	10MHz	QPSK	132622	50RB#0	-26.59	PASS
Band66	10MHz	16QAM	132622	50RB#0	-28.85	PASS
Band66	15MHz	QPSK	132047	75RB#0	-28.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	-29.87	PASS
Band66	15MHz	QPSK	132597	75RB#0	-27.99	PASS
Band66	15MHz	16QAM	132597	75RB#0	-30.42	PASS
Band66	20MHz	QPSK	132072	100RB#0	-28.45	PASS
Band66	20MHz	16QAM	132072	100RB#0	-30.76	PASS
Band66	20MHz	QPSK	132572	100RB#0	-29.78	PASS
Band66	20MHz	16QAM	132572	100RB#0	-33.05	PASS

Test Graphs









Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	0.009~0.15	-59.98	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	0.15~30	-52.85	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	30~1000	-58.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	0.009~0.15	-58.06	PASS
Band66	3MHz	QPSK	131987	15RB#0	0.15~30	-54.32	PASS
Band66	3MHz	QPSK	131987	15RB#0	30~1000	-57.75	PASS
Band66	3MHz	QPSK	131987	15RB#0	1000~3000	-19.71	PASS
Band66	3MHz	QPSK	131987	15RB#0	3000~20000	-38.44	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1000~3000	-24.24	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	3000~20000	-38.88	PASS
Band66	3MHz	16QAM	131987	15RB#0	0.009~0.15	-59.31	PASS
Band66	3MHz	16QAM	131987	15RB#0	0.15~30	-52.68	PASS
Band66	3MHz	16QAM	131987	15RB#0	30~1000	-57.78	PASS
Band66	3MHz	16QAM	131987	15RB#0	1000~3000	-21.24	PASS
Band66	3MHz	16QAM	131987	15RB#0	3000~20000	-38.59	PASS
Band66	3MHz	QPSK	132322	15RB#0	0.009~0.15	-59.68	PASS
Band66	3MHz	QPSK	132322	15RB#0	0.15~30	-53.26	PASS
Band66	3MHz	QPSK	132322	15RB#0	30~1000	-58.48	PASS
Band66	3MHz	QPSK	132322	15RB#0	1000~3000	-42.65	PASS
Band66	3MHz	QPSK	132322	15RB#0	3000~20000	-38.59	PASS
Band66	3MHz	16QAM	132322	15RB#0	0.009~0.15	-58.07	PASS
Band66	3MHz	16QAM	132322	15RB#0	0.15~30	-50.38	PASS
Band66	3MHz	16QAM	132322	15RB#0	30~1000	-57.38	PASS
Band66	3MHz	16QAM	132322	15RB#0	1000~3000	-43.28	PASS
Band66	3MHz	16QAM	132322	15RB#0	3000~20000	-38.53	PASS
Band66	3MHz	QPSK	132657	15RB#0	0.009~0.15	-59.06	PASS
Band66	3MHz	QPSK	132657	15RB#0	0.15~30	-51.55	PASS
Band66	3MHz	QPSK	132657	15RB#0	30~1000	-58.12	PASS
Band66	3MHz	QPSK	132657	15RB#0	1000~3000	-14.85	PASS
Band66	3MHz	QPSK	132657	15RB#0	3000~20000	-38.45	PASS
Band66	3MHz	16QAM	132657	15RB#0	0.009~0.15	-59.27	PASS
Band66	3MHz	16QAM	132657	15RB#0	0.15~30	-52.28	PASS
Band66	3MHz	16QAM	132657	15RB#0	30~1000	-58.32	PASS
Band66	3MHz	16QAM	132657	15RB#0	1000~3000	-16.34	PASS
Band66	3MHz	16QAM	132657	15RB#0	3000~20000	-38.09	PASS
Band66	5MHz	QPSK	131997	25RB#0	0.009~0.15	-57.57	PASS

Band66	5MHz	QPSK	131997	25RB#0	0.15~30	-53.04	PASS
Band66	5MHz	QPSK	131997	25RB#0	30~1000	-58.18	PASS
Band66	5MHz	QPSK	131997	25RB#0	1000~3000	-18.64	PASS
Band66	5MHz	QPSK	131997	25RB#0	3000~20000	-38.43	PASS
Band66	5MHz	16QAM	131997	25RB#0	0.009~0.15	-59.92	PASS
Band66	5MHz	16QAM	131997	25RB#0	0.15~30	-51.76	PASS
Band66	5MHz	16QAM	131997	25RB#0	30~1000	-58.34	PASS
Band66	5MHz	16QAM	131997	25RB#0	1000~3000	-20.02	PASS
Band66	5MHz	16QAM	131997	25RB#0	3000~20000	-38.72	PASS
Band66	5MHz	QPSK	132322	25RB#0	0.009~0.15	-60.22	PASS
Band66	5MHz	QPSK	132322	25RB#0	0.15~30	-51.78	PASS
Band66	5MHz	QPSK	132322	25RB#0	30~1000	-58.17	PASS
Band66	5MHz	QPSK	132322	25RB#0	1000~3000	-41.16	PASS
Band66	5MHz	QPSK	132322	25RB#0	3000~20000	-38.59	PASS
Band66	5MHz	16QAM	132322	25RB#0	0.009~0.15	-60.01	PASS
Band66	5MHz	16QAM	132322	25RB#0	0.15~30	-51.99	PASS
Band66	5MHz	16QAM	132322	25RB#0	30~1000	-57.63	PASS
Band66	5MHz	16QAM	132322	25RB#0	1000~3000	-41.08	PASS
Band66	5MHz	16QAM	132322	25RB#0	3000~20000	-38.94	PASS
Band66	5MHz	QPSK	132647	25RB#0	0.009~0.15	-59.54	PASS
Band66	5MHz	QPSK	132647	25RB#0	0.15~30	-51.66	PASS
Band66	5MHz	QPSK	132647	25RB#0	30~1000	-58.58	PASS
Band66	5MHz	QPSK	132647	25RB#0	1000~3000	-13.75	PASS
Band66	5MHz	QPSK	132647	25RB#0	3000~20000	-38.61	PASS
Band66	5MHz	16QAM	132647	25RB#0	0.009~0.15	-60.48	PASS
Band66	5MHz	16QAM	132647	25RB#0	0.15~30	-50.45	PASS
Band66	5MHz	16QAM	132647	25RB#0	30~1000	-57.98	PASS
Band66	5MHz	16QAM	132647	25RB#0	1000~3000	-15.14	PASS
Band66	5MHz	16QAM	132647	25RB#0	3000~20000	-38.24	PASS
Band66	10MHz	QPSK	132022	50RB#0	0.009~0.15	-59.33	PASS
Band66	10MHz	QPSK	132022	50RB#0	0.15~30	-53.56	PASS
Band66	10MHz	QPSK	132022	50RB#0	30~1000	-57.92	PASS
Band66	10MHz	QPSK	132022	50RB#0	1000~3000	-17.14	PASS
Band66	10MHz	QPSK	132022	50RB#0	3000~20000	-38.25	PASS
Band66	10MHz	16QAM	132022	50RB#0	0.009~0.15	-60.52	PASS
Band66	10MHz	16QAM	132022	50RB#0	0.15~30	-51.48	PASS
Band66	10MHz	16QAM	132022	50RB#0	30~1000	-58.52	PASS
Band66	10MHz	16QAM	132022	50RB#0	1000~3000	-19.40	PASS
Band66	10MHz	16QAM	132022	50RB#0	3000~20000	-38.55	PASS
Band66	10MHz	QPSK	132322	50RB#0	0.009~0.15	-58.06	PASS
Band66	10MHz	QPSK	132322	50RB#0	0.15~30	-51.76	PASS
Band66	10MHz	QPSK	132322	50RB#0	30~1000	-58.15	PASS
Band66	10MHz	QPSK	132322	50RB#0	1000~3000	-43.18	PASS

Band66	10MHz	QPSK	132322	50RB#0	3000~20000	-38.81	PASS
Band66	10MHz	16QAM	132322	50RB#0	0.009~0.15	-58.91	PASS
Band66	10MHz	16QAM	132322	50RB#0	0.15~30	-50.07	PASS
Band66	10MHz	16QAM	132322	50RB#0	30~1000	-58.56	PASS
Band66	10MHz	16QAM	132322	50RB#0	1000~3000	-39.26	PASS
Band66	10MHz	16QAM	132322	50RB#0	3000~20000	-38.34	PASS
Band66	10MHz	QPSK	132622	50RB#0	0.009~0.15	-59.80	PASS
Band66	10MHz	QPSK	132622	50RB#0	0.15~30	-51.38	PASS
Band66	10MHz	QPSK	132622	50RB#0	30~1000	-58.26	PASS
Band66	10MHz	QPSK	132622	50RB#0	1000~3000	-15.72	PASS
Band66	10MHz	QPSK	132622	50RB#0	3000~20000	-38.45	PASS
Band66	10MHz	16QAM	132622	50RB#0	0.009~0.15	-60.16	PASS
Band66	10MHz	16QAM	132622	50RB#0	0.15~30	-49.80	PASS
Band66	10MHz	16QAM	132622	50RB#0	30~1000	-58.14	PASS
Band66	10MHz	16QAM	132622	50RB#0	1000~3000	-16.98	PASS
Band66	10MHz	16QAM	132622	50RB#0	3000~20000	-38.61	PASS
Band66	15MHz	QPSK	132047	75RB#0	0.009~0.15	-59.84	PASS
Band66	15MHz	QPSK	132047	75RB#0	0.15~30	-53.15	PASS
Band66	15MHz	QPSK	132047	75RB#0	30~1000	-58.39	PASS
Band66	15MHz	QPSK	132047	75RB#0	1000~3000	-15.85	PASS
Band66	15MHz	QPSK	132047	75RB#0	3000~20000	-38.52	PASS
Band66	15MHz	16QAM	132047	75RB#0	0.009~0.15	-59.52	PASS
Band66	15MHz	16QAM	132047	75RB#0	0.15~30	-52.39	PASS
Band66	15MHz	16QAM	132047	75RB#0	30~1000	-57.98	PASS
Band66	15MHz	16QAM	132047	75RB#0	1000~3000	-19.86	PASS
Band66	15MHz	16QAM	132047	75RB#0	3000~20000	-38.57	PASS
Band66	15MHz	QPSK	132322	75RB#0	0.009~0.15	-58.89	PASS
Band66	15MHz	QPSK	132322	75RB#0	0.15~30	-52.19	PASS
Band66	15MHz	QPSK	132322	75RB#0	30~1000	-58.25	PASS
Band66	15MHz	QPSK	132322	75RB#0	1000~3000	-42.07	PASS
Band66	15MHz	QPSK	132322	75RB#0	3000~20000	-38.82	PASS
Band66	15MHz	16QAM	132322	75RB#0	0.009~0.15	-59.83	PASS
Band66	15MHz	16QAM	132322	75RB#0	0.15~30	-51.46	PASS
Band66	15MHz	16QAM	132322	75RB#0	30~1000	-57.99	PASS
Band66	15MHz	16QAM	132322	75RB#0	1000~3000	-40.59	PASS
Band66	15MHz	16QAM	132322	75RB#0	3000~20000	-38.97	PASS
Band66	15MHz	QPSK	132597	75RB#0	0.009~0.15	-59.58	PASS
Band66	15MHz	QPSK	132597	75RB#0	0.15~30	-51.49	PASS
Band66	15MHz	QPSK	132597	75RB#0	30~1000	-57.67	PASS
Band66	15MHz	QPSK	132597	75RB#0	1000~3000	-16.83	PASS
Band66	15MHz	QPSK	132597	75RB#0	3000~20000	-38.70	PASS
Band66	15MHz	16QAM	132597	75RB#0	0.009~0.15	-58.59	PASS
Band66	15MHz	16QAM	132597	75RB#0	0.15~30	-52.80	PASS

Band66	15MHz	16QAM	132597	75RB#0	30~1000	-58.30	PASS
Band66	15MHz	16QAM	132597	75RB#0	1000~3000	-18.89	PASS
Band66	15MHz	16QAM	132597	75RB#0	3000~20000	-38.54	PASS
Band66	20MHz	QPSK	132072	100RB#0	0.009~0.15	-58.97	PASS
Band66	20MHz	QPSK	132072	100RB#0	0.15~30	-51.21	PASS
Band66	20MHz	QPSK	132072	100RB#0	30~1000	-58.69	PASS
Band66	20MHz	QPSK	132072	100RB#0	1000~3000	-18.17	PASS
Band66	20MHz	QPSK	132072	100RB#0	3000~20000	-38.59	PASS
Band66	20MHz	16QAM	132072	100RB#0	0.009~0.15	-57.27	PASS
Band66	20MHz	16QAM	132072	100RB#0	0.15~30	-52.63	PASS
Band66	20MHz	16QAM	132072	100RB#0	30~1000	-58.42	PASS
Band66	20MHz	16QAM	132072	100RB#0	1000~3000	-19.55	PASS
Band66	20MHz	16QAM	132072	100RB#0	3000~20000	-38.82	PASS
Band66	20MHz	QPSK	132322	100RB#0	0.009~0.15	-58.65	PASS
Band66	20MHz	QPSK	132322	100RB#0	0.15~30	-50.32	PASS
Band66	20MHz	QPSK	132322	100RB#0	30~1000	-58.62	PASS
Band66	20MHz	QPSK	132322	100RB#0	1000~3000	-39.08	PASS
Band66	20MHz	QPSK	132322	100RB#0	3000~20000	-38.55	PASS
Band66	20MHz	16QAM	132322	100RB#0	0.009~0.15	-58.70	PASS
Band66	20MHz	16QAM	132322	100RB#0	0.15~30	-51.01	PASS
Band66	20MHz	16QAM	132322	100RB#0	30~1000	-57.76	PASS
Band66	20MHz	16QAM	132322	100RB#0	1000~3000	-38.52	PASS
Band66	20MHz	16QAM	132322	100RB#0	3000~20000	-38.45	PASS
Band66	20MHz	QPSK	132572	100RB#0	0.009~0.15	-59.97	PASS
Band66	20MHz	QPSK	132572	100RB#0	0.15~30	-52.40	PASS
Band66	20MHz	QPSK	132572	100RB#0	30~1000	-58.14	PASS
Band66	20MHz	QPSK	132572	100RB#0	1000~3000	-20.32	PASS
Band66	20MHz	QPSK	132572	100RB#0	3000~20000	-38.48	PASS
Band66	20MHz	16QAM	132572	100RB#0	0.009~0.15	-59.66	PASS
Band66	20MHz	16QAM	132572	100RB#0	0.15~30	-49.69	PASS
Band66	20MHz	16QAM	132572	100RB#0	30~1000	-57.95	PASS
Band66	20MHz	16QAM	132572	100RB#0	1000~3000	-22.64	PASS
Band66	20MHz	16QAM	132572	100RB#0	3000~20000	-38.81	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	0.009~0.15	-58.86	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	0.15~30	-52.27	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	30~1000	-58.24	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1000~3000	-26.88	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	3000~20000	-38.65	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0.009~0.15	-59.72	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0.15~30	-52.89	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	30~1000	-58.47	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1000~3000	-39.01	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	3000~20000	-38.14	PASS