

FCC LTE Band Test Data

FCC ID : 2BDCL-M616A

Company: : Signalinks Communication Technology Co.,Ltd

EUT : 4G LTE Mobile Wifi

Model Number : M616A

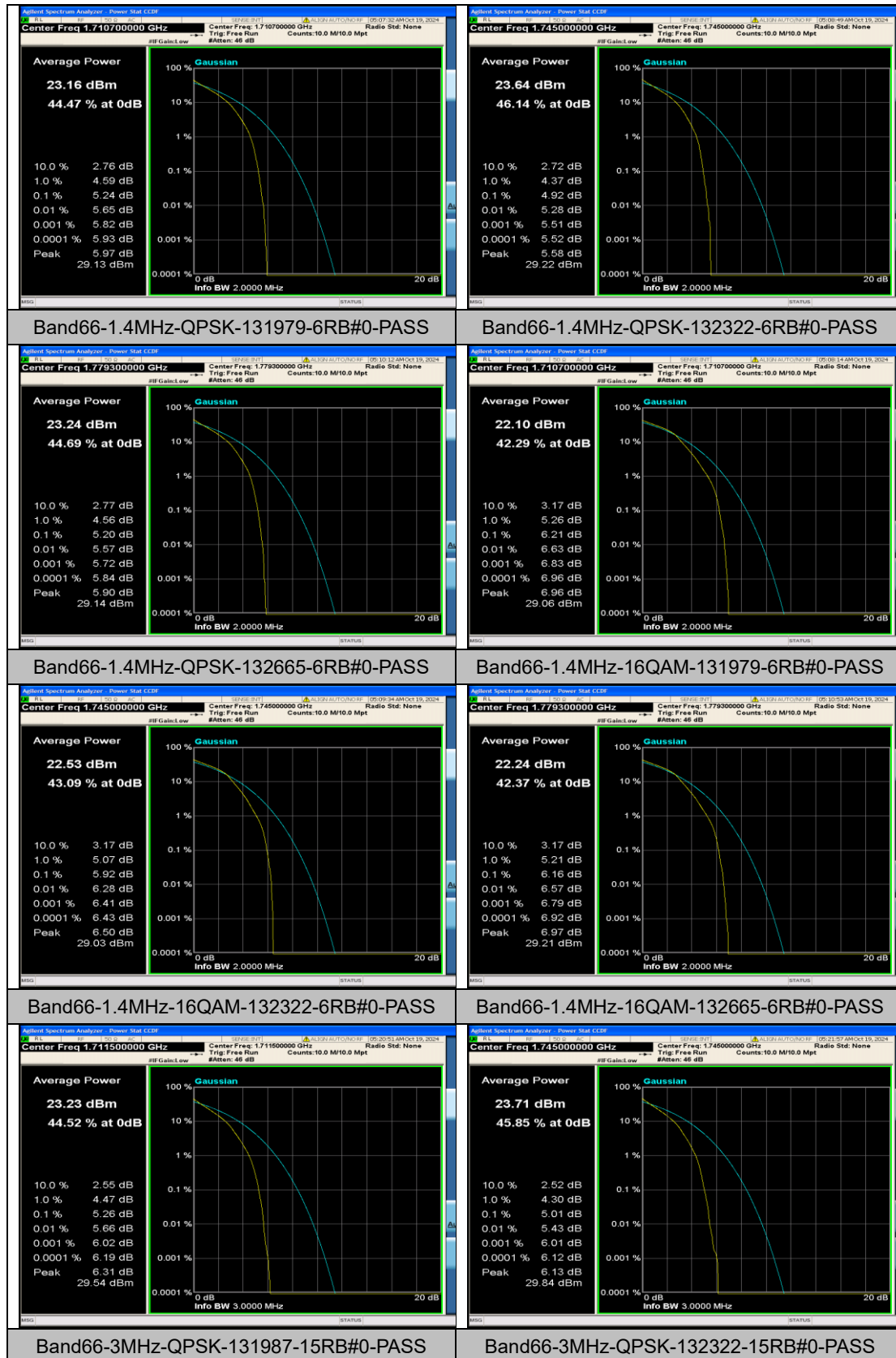
Reviewed By : Eric Wang

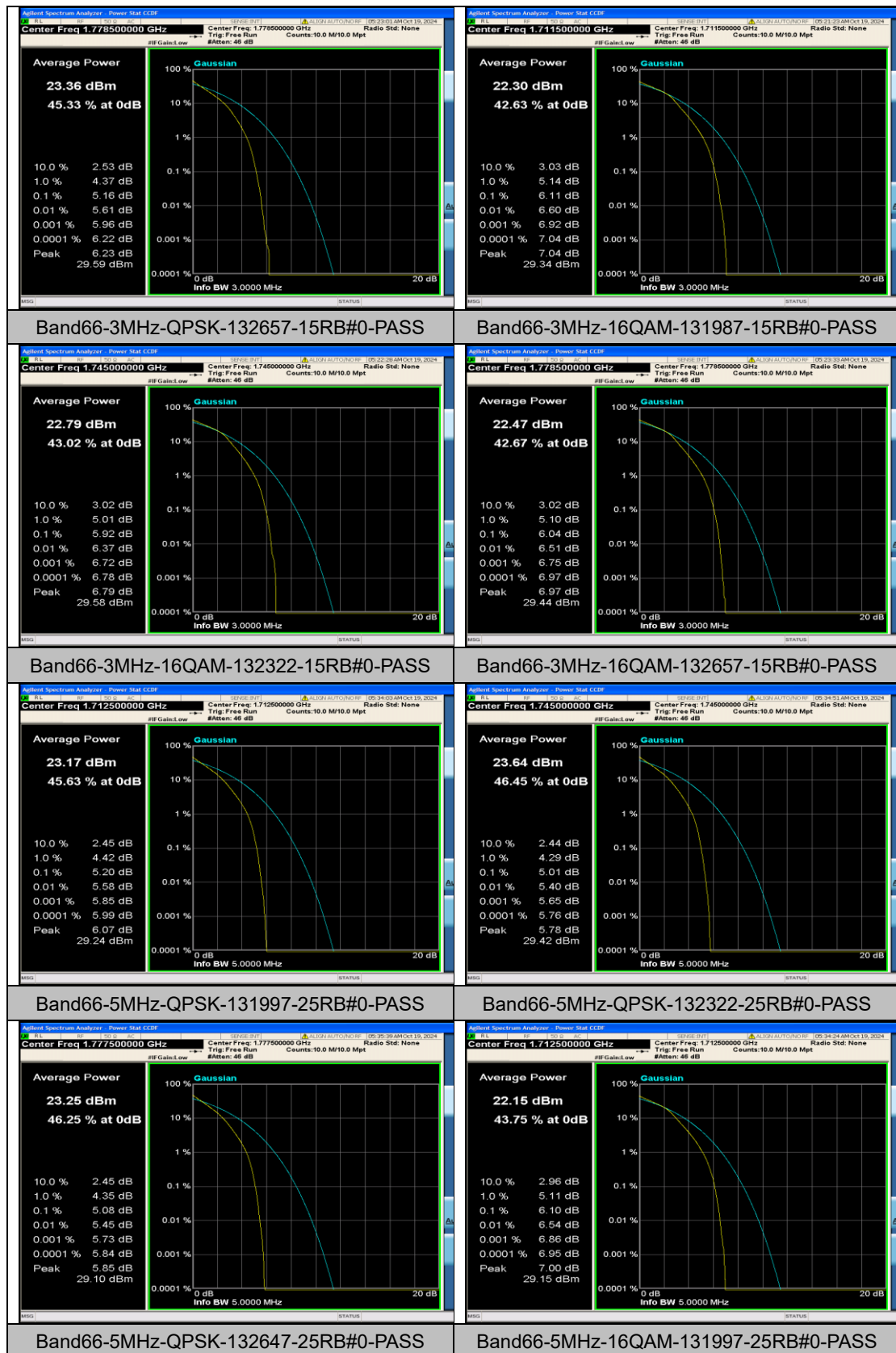
Appendix B: Peak-to-Average Ratio(CCDF)

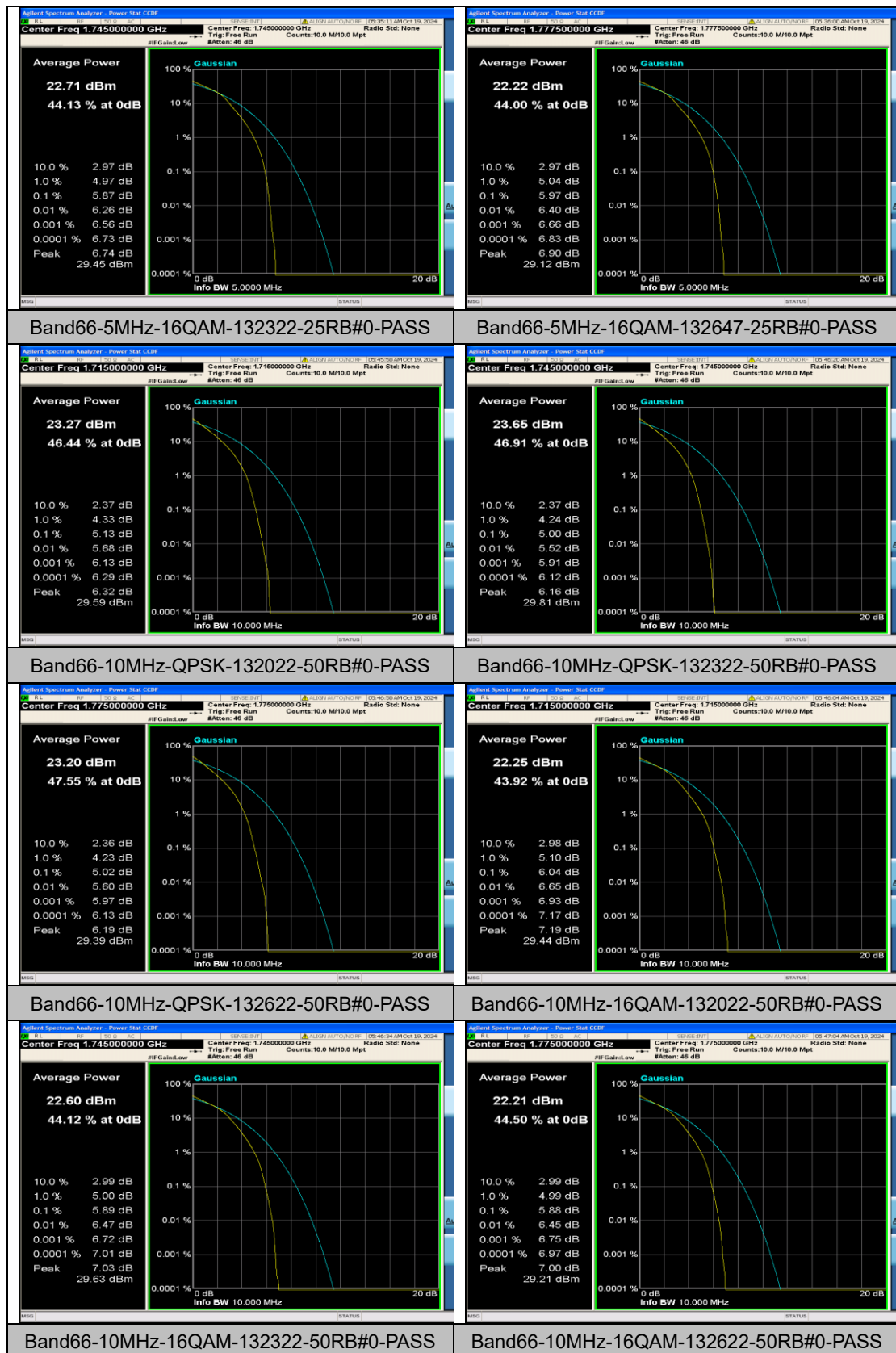
Test Result

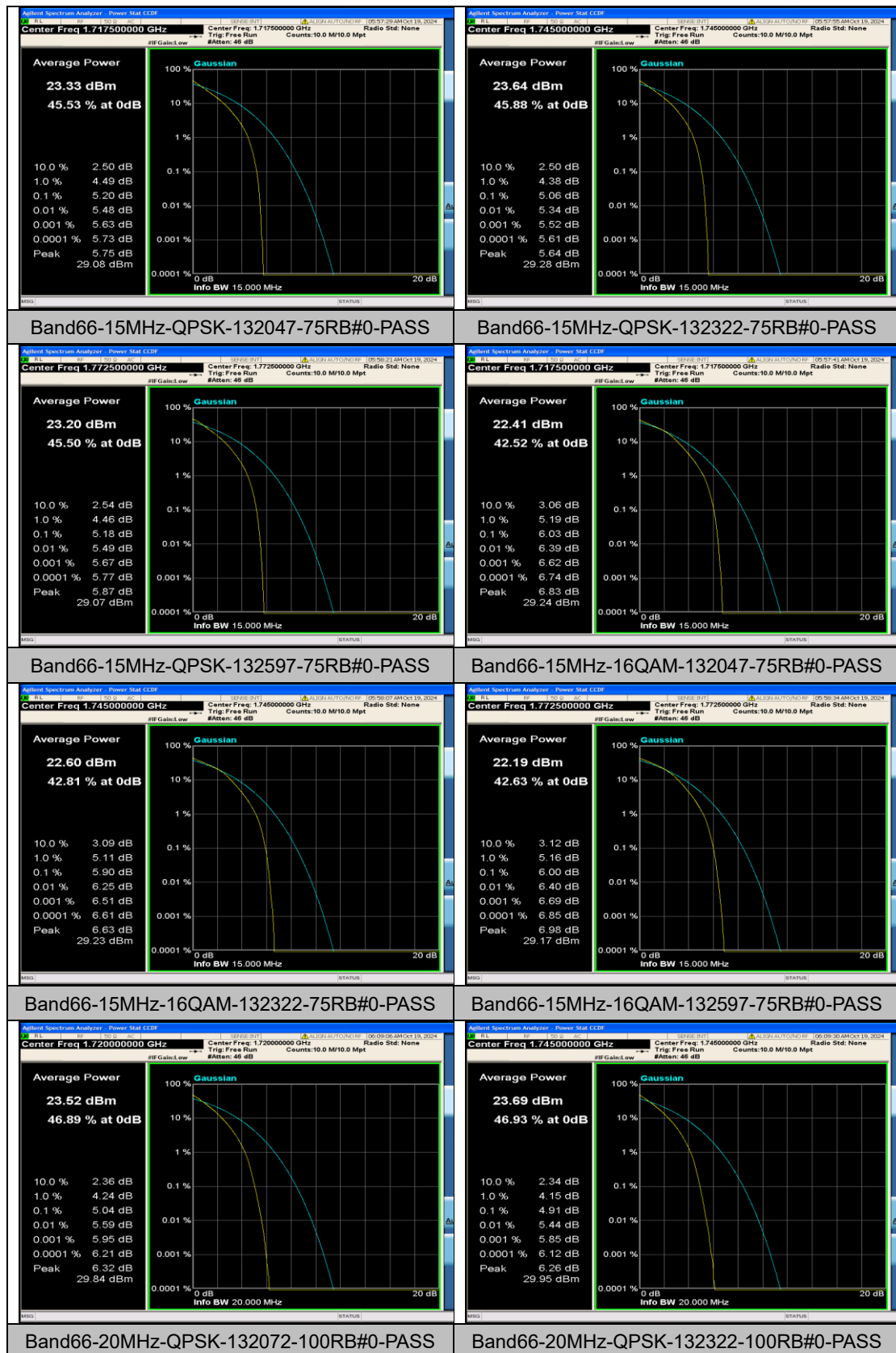
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	5.24	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.92	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.20	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	6.21	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.92	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.16	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.26	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.01	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.16	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.11	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.92	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.04	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.20	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.01	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.08	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.10	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.87	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.97	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.13	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.00	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.02	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	6.04	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	5.89	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.88	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.20	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.06	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.18	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	6.03	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	5.90	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	6.00	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.04	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.91	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.14	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.02	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.81	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.05	13	PASS

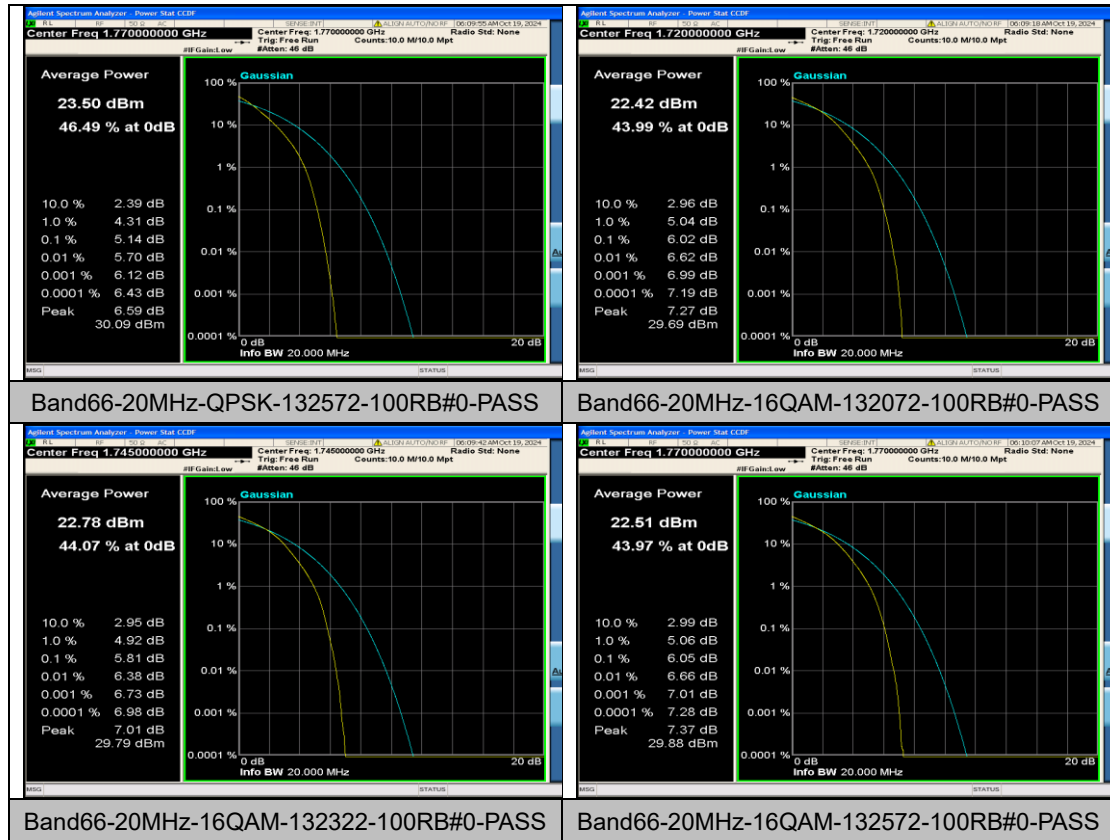
Test Graphs











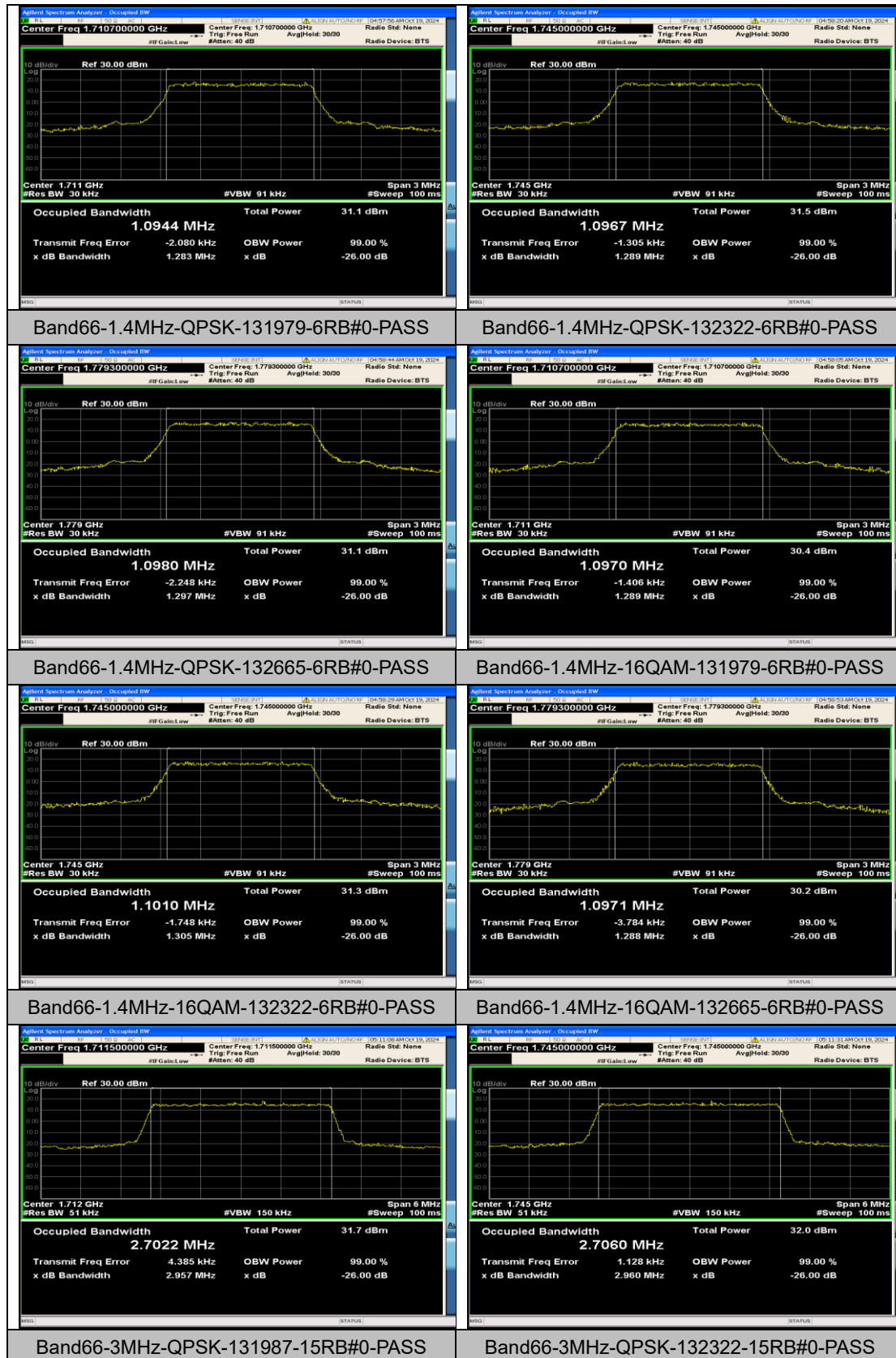
Appendix C: 26dB Bandwidth and Occupied Bandwidth

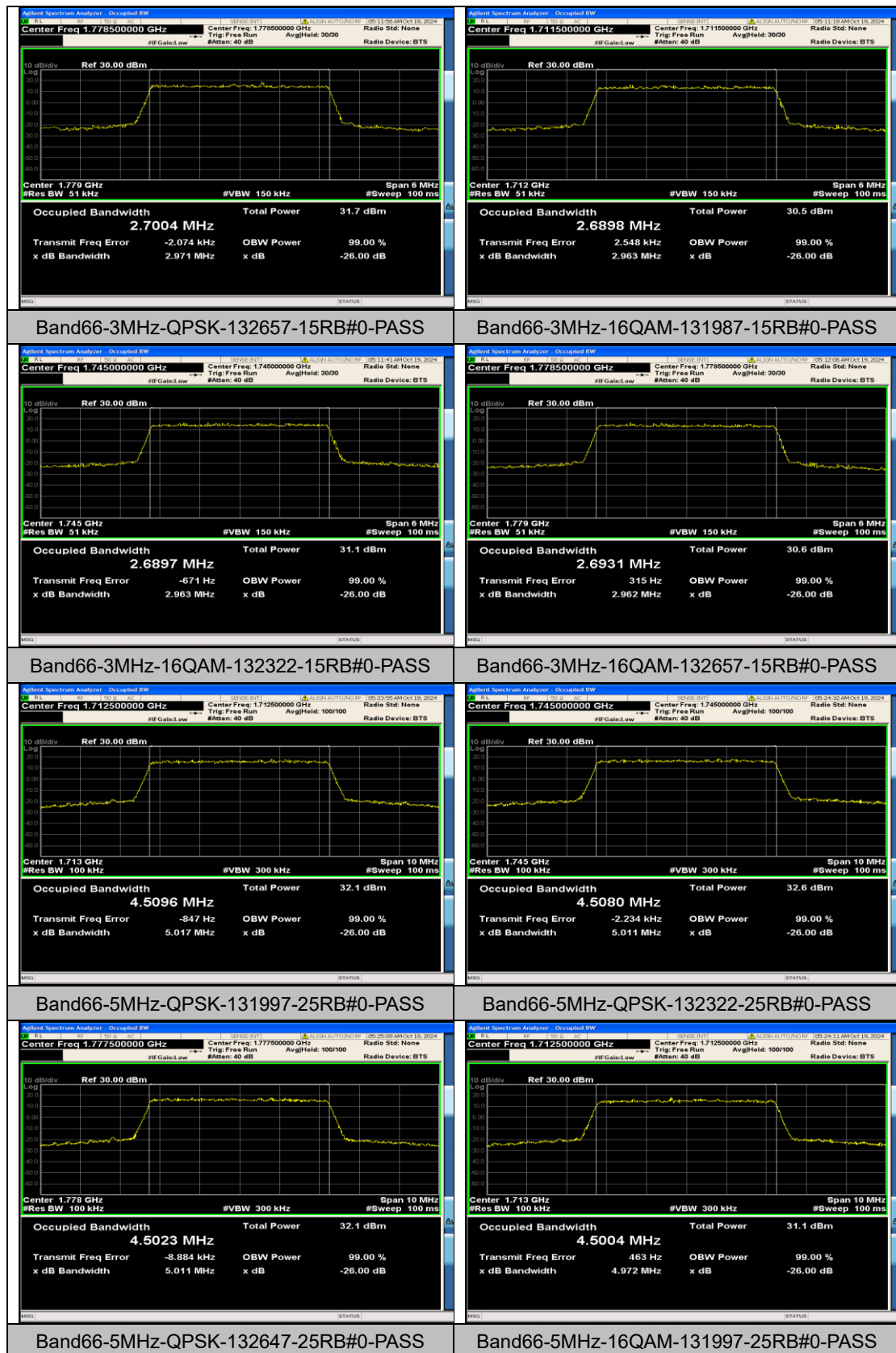
Test Result

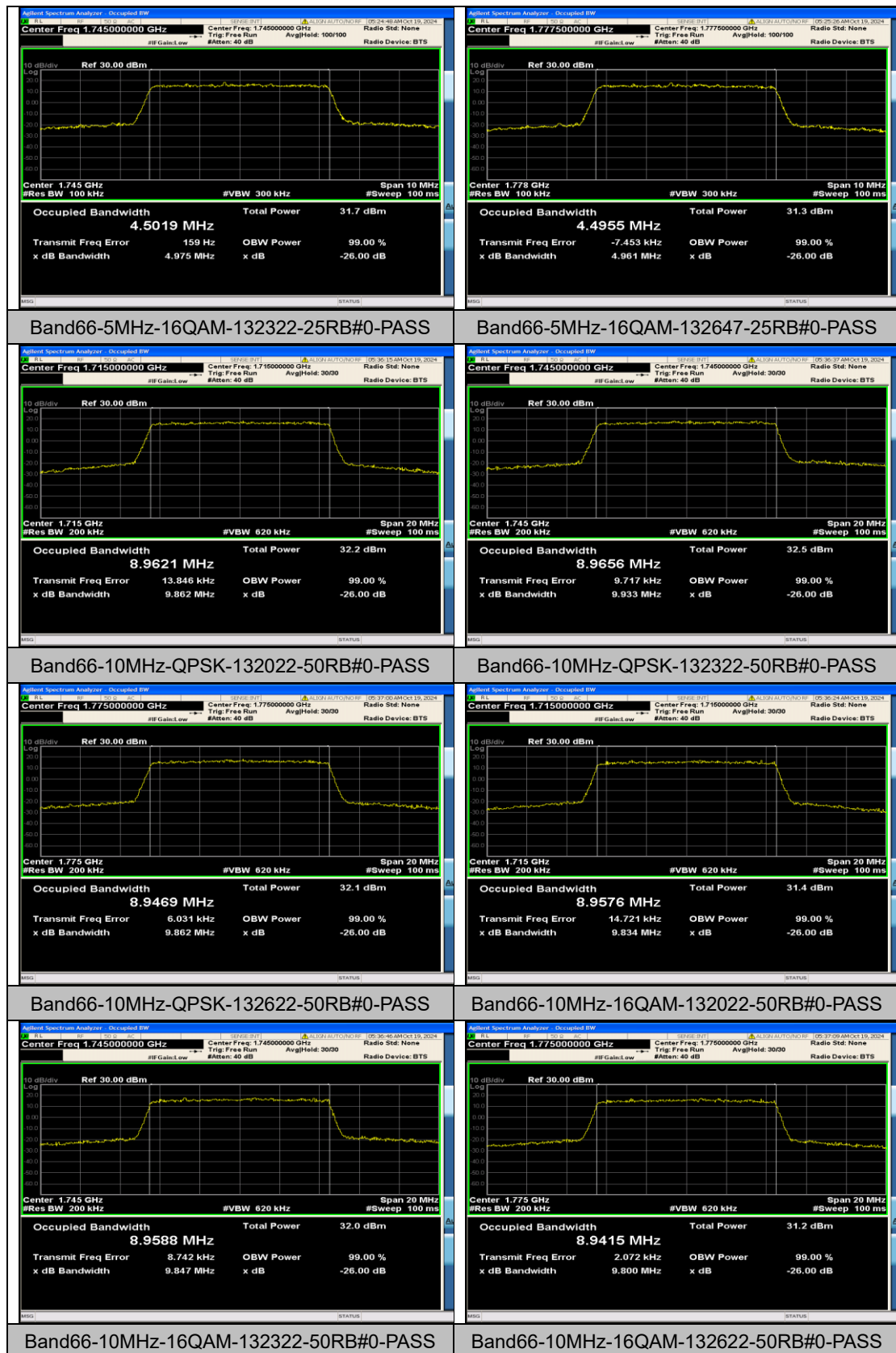
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0944	1.283	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0967	1.289	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0980	1.297	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0970	1.289	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1010	1.305	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0971	1.288	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7022	2.957	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7060	2.960	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7004	2.971	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6898	2.963	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6897	2.963	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6931	2.962	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5096	5.017	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5080	5.011	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5023	5.011	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5004	4.972	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5019	4.975	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4955	4.961	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9621	9.862	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9656	9.933	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9469	9.862	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9576	9.834	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9588	9.847	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9415	9.800	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.412	14.68	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.432	14.74	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.421	14.60	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.402	14.60	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.441	14.68	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.407	14.61	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.861	19.35	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.863	19.30	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.925	19.37	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.874	19.44	PASS

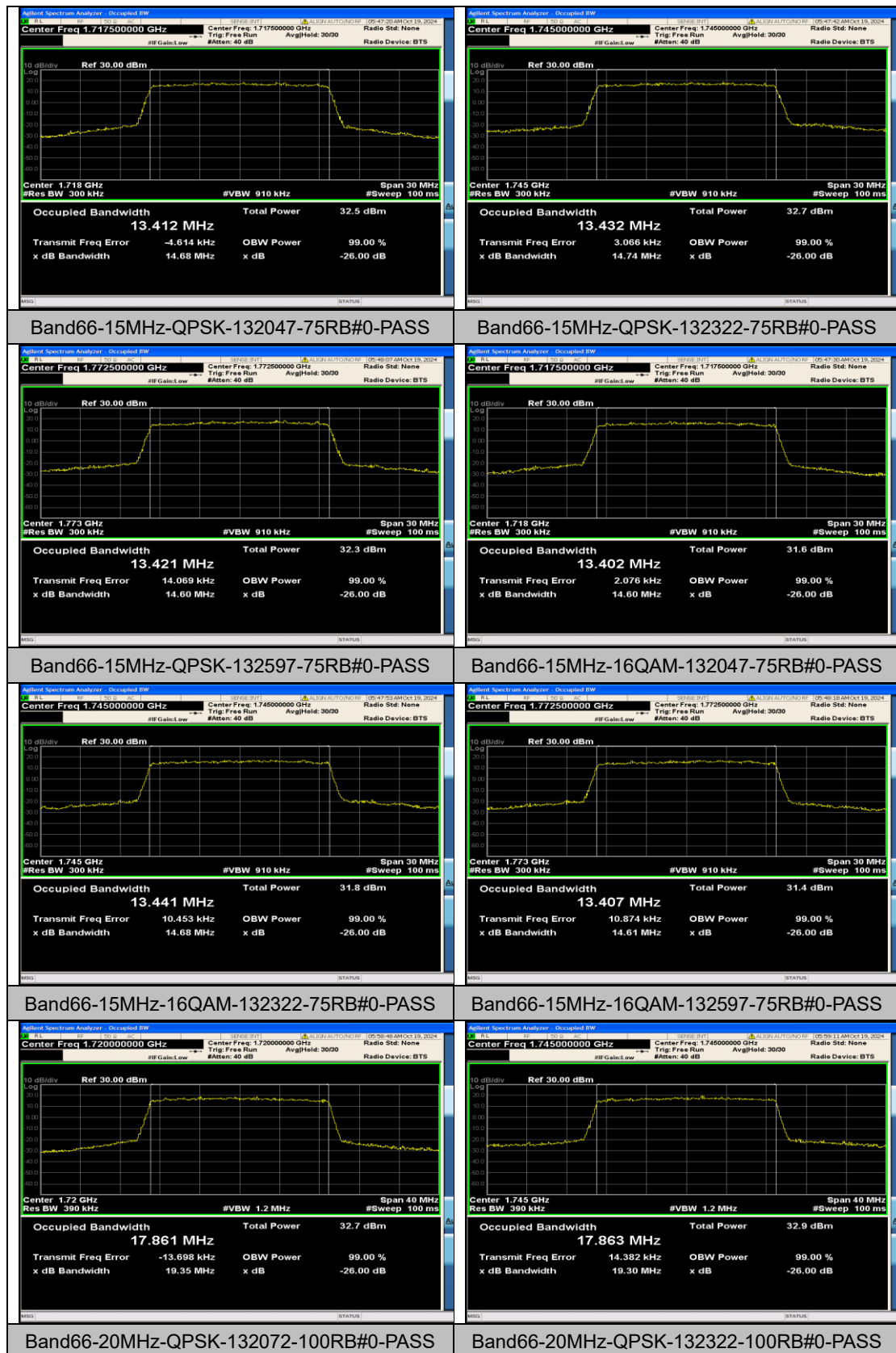
Band66	20MHz	16QAM	132322	100RB#0	17.903	19.36	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.912	19.41	PASS

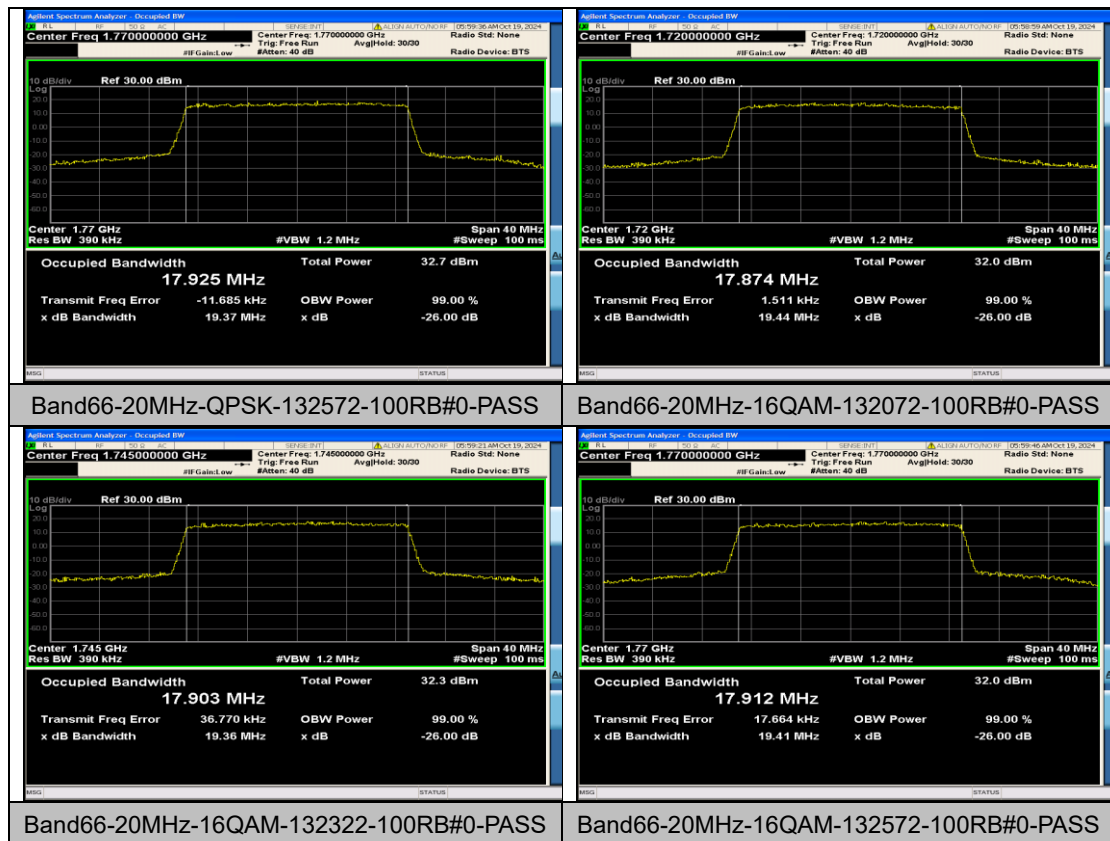
Test Graphs









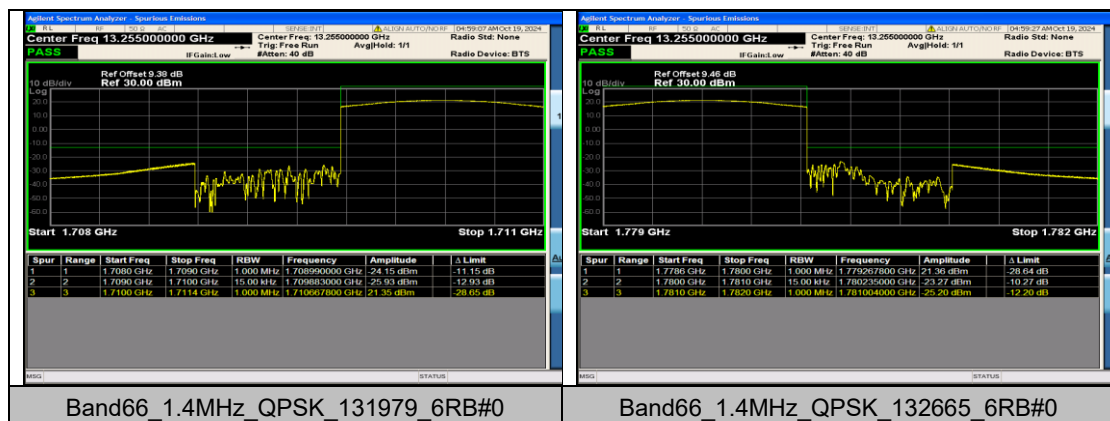


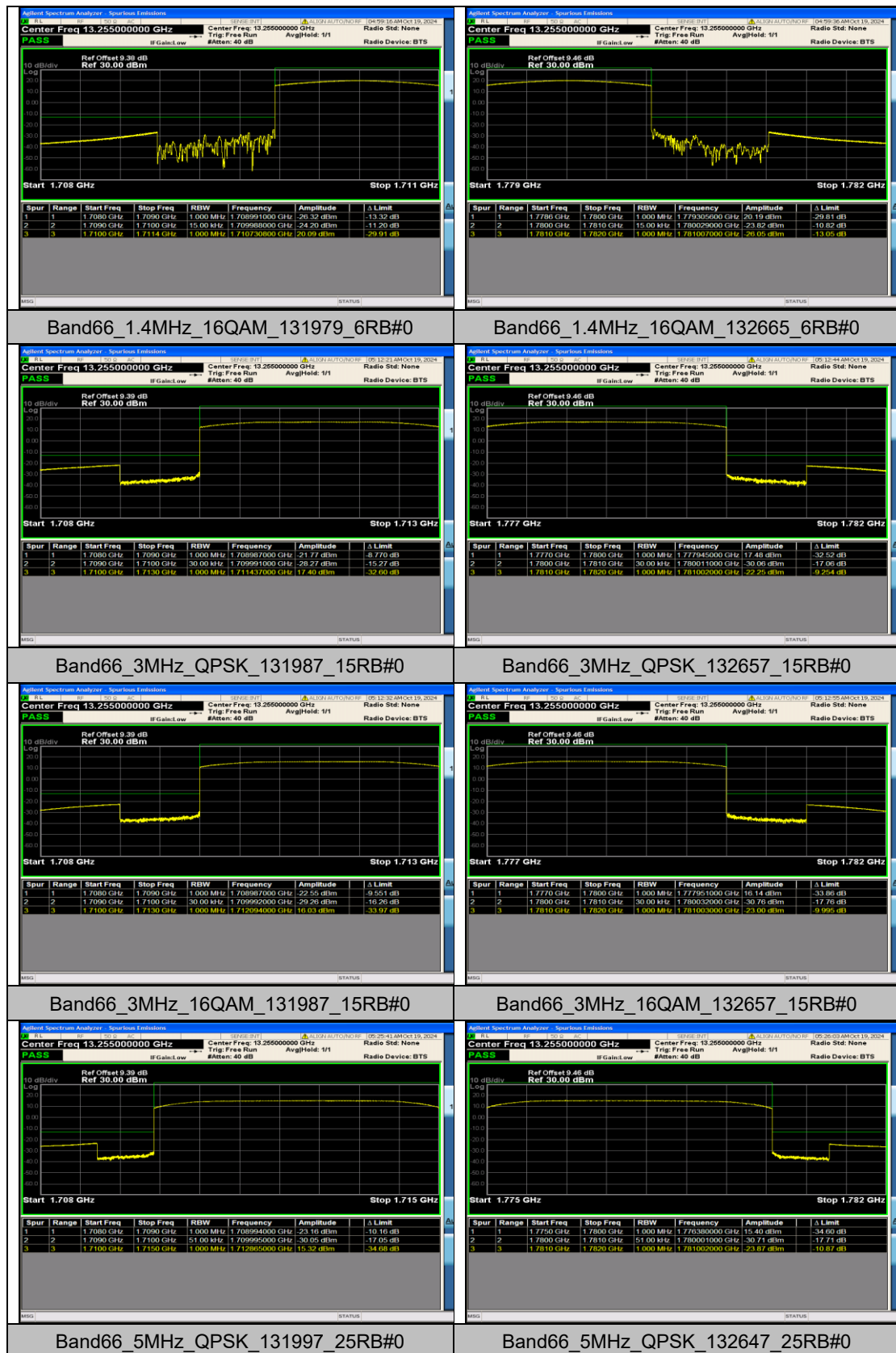
Appendix D: Band Edge

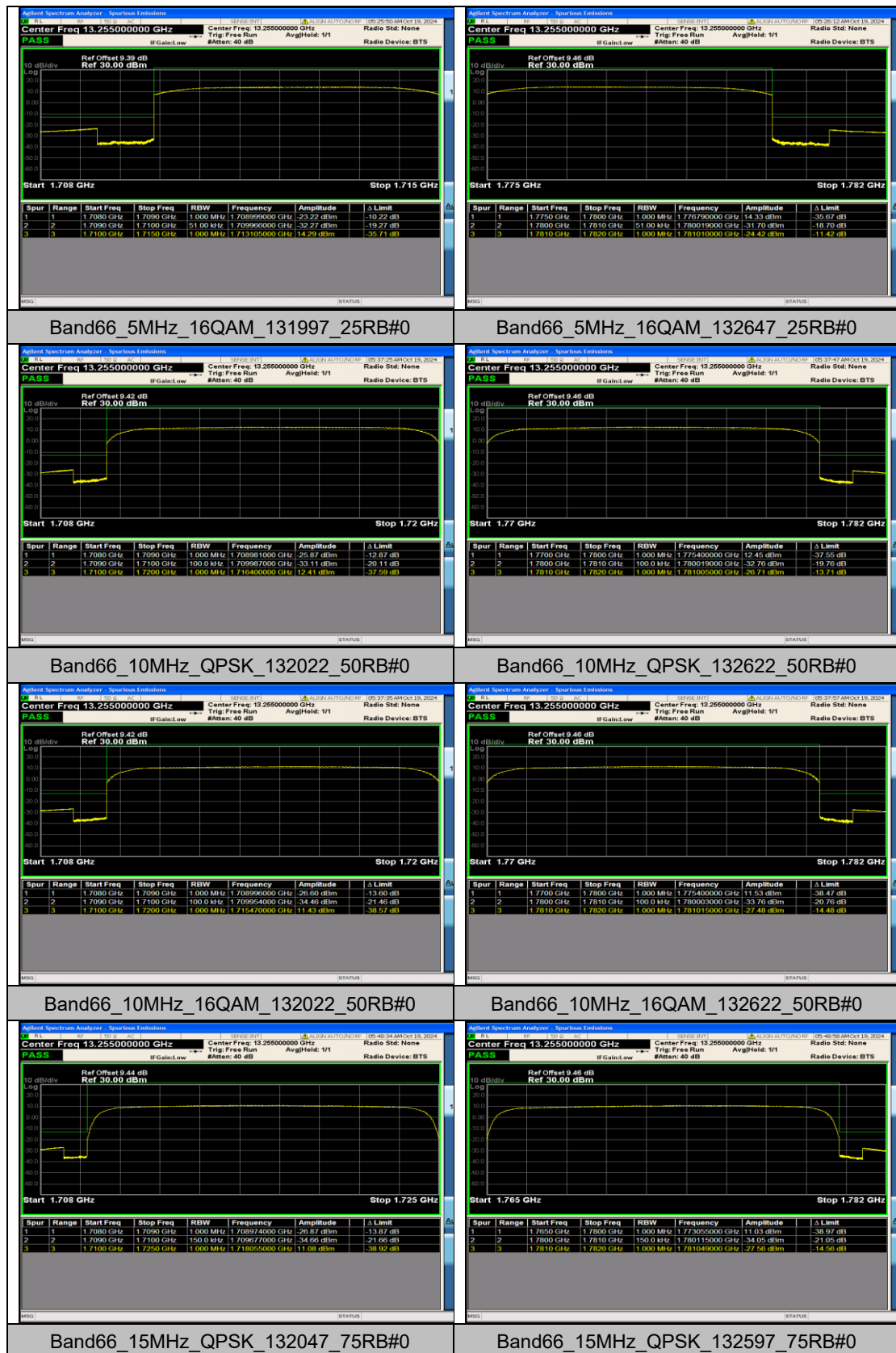
Test Result

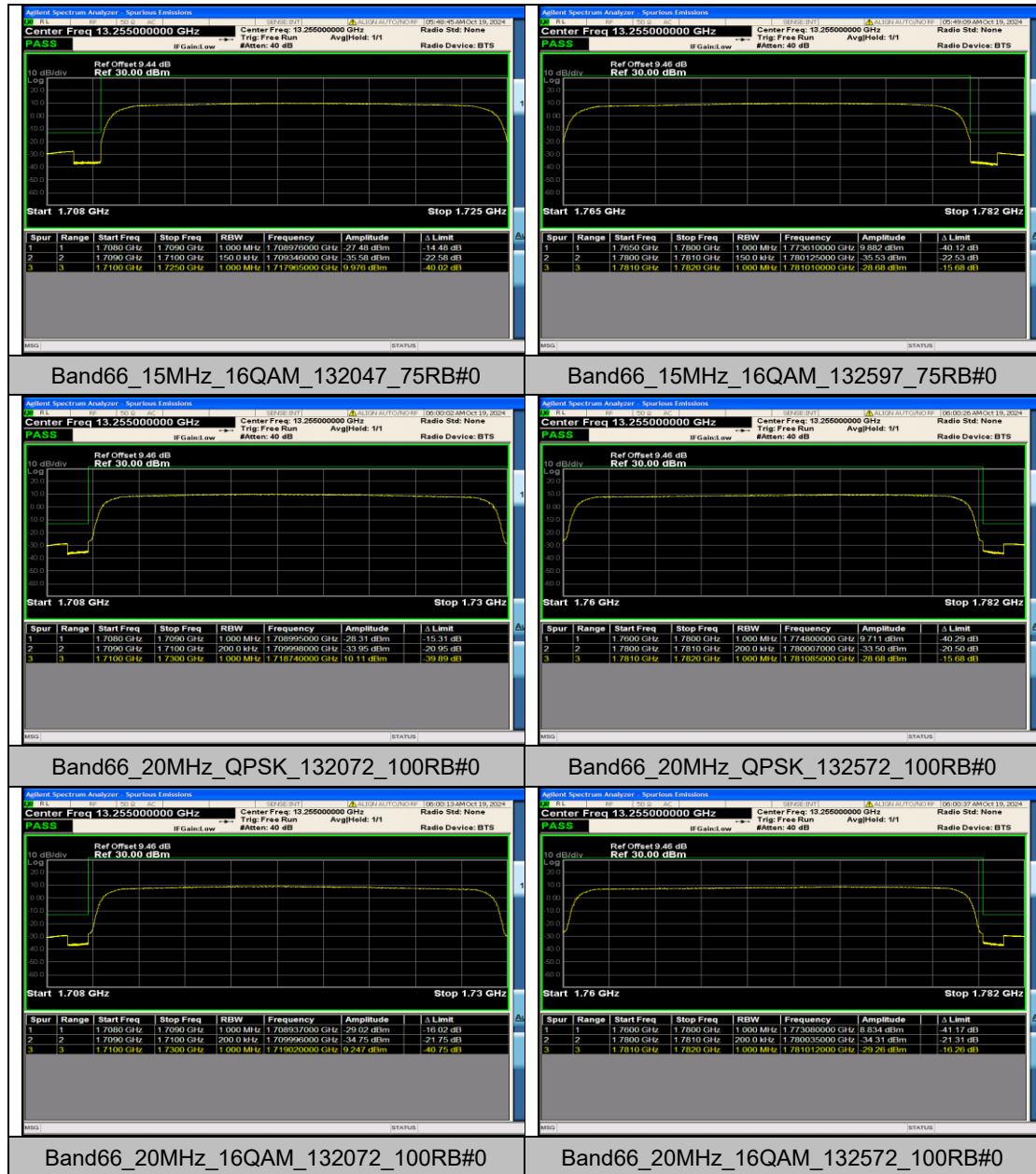
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-24.15	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-23.27	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-24.20	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-23.82	PASS
Band66	3MHz	QPSK	131987	15RB#0	-21.77	PASS
Band66	3MHz	QPSK	132657	15RB#0	-22.25	PASS
Band66	3MHz	16QAM	131987	15RB#0	-22.55	PASS
Band66	3MHz	16QAM	132657	15RB#0	-23.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	-23.16	PASS
Band66	5MHz	QPSK	132647	25RB#0	-23.87	PASS
Band66	5MHz	16QAM	131997	25RB#0	-23.22	PASS
Band66	5MHz	16QAM	132647	25RB#0	-24.42	PASS
Band66	10MHz	QPSK	132022	50RB#0	-25.87	PASS
Band66	10MHz	QPSK	132622	50RB#0	-26.71	PASS
Band66	10MHz	16QAM	132022	50RB#0	-26.60	PASS
Band66	10MHz	16QAM	132622	50RB#0	-27.48	PASS
Band66	15MHz	QPSK	132047	75RB#0	-26.87	PASS
Band66	15MHz	QPSK	132597	75RB#0	-27.56	PASS
Band66	15MHz	16QAM	132047	75RB#0	-27.48	PASS
Band66	15MHz	16QAM	132597	75RB#0	-28.68	PASS
Band66	20MHz	QPSK	132072	100RB#0	-28.31	PASS
Band66	20MHz	QPSK	132572	100RB#0	-28.68	PASS
Band66	20MHz	16QAM	132072	100RB#0	-29.02	PASS
Band66	20MHz	16QAM	132572	100RB#0	-29.26	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	-62.53	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	0.15~30	-53.32	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	30~1000	-62.02	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1000~3000	-35.55	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	3000~20000	-37.36	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0.009~0.15	-61.91	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0.15~30	-55.31	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	30~1000	-62.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1000~3000	-30.05	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	3000~20000	-37.92	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	0.009~0.15	-64.99	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	0.15~30	-54.11	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	30~1000	-61.77	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1000~3000	-32.68	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	3000~20000	-37.94	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	0.009~0.15	-65.73	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	0.15~30	-54.21	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	30~1000	-62.16	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1000~3000	-37.37	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	3000~20000	-37.48	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	0.009~0.15	-61.93	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	0.15~30	-56.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	30~1000	-61.76	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1000~3000	-35.35	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	3000~20000	-38.01	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	0.009~0.15	-63.45	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	0.15~30	-54.65	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	30~1000	-61.46	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1000~3000	-34.64	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	3000~20000	-38.12	PASS
Band66	3MHz	QPSK	131987	15RB#0	0.009~0.15	-63.04	PASS
Band66	3MHz	QPSK	131987	15RB#0	0.15~30	-53.14	PASS
Band66	3MHz	QPSK	131987	15RB#0	30~1000	-61.72	PASS
Band66	3MHz	QPSK	131987	15RB#0	1000~3000	-34.53	PASS
Band66	3MHz	QPSK	131987	15RB#0	3000~20000	-37.96	PASS
Band66	3MHz	QPSK	132322	15RB#0	0.009~0.15	-63.48	PASS

Band66	3MHz	QPSK	132322	15RB#0	0.15~30	-51.74	PASS
Band66	3MHz	QPSK	132322	15RB#0	30~1000	-61.77	PASS
Band66	3MHz	QPSK	132322	15RB#0	1000~3000	-33.44	PASS
Band66	3MHz	QPSK	132322	15RB#0	3000~20000	-37.82	PASS
Band66	3MHz	QPSK	132657	15RB#0	0.009~0.15	-64.85	PASS
Band66	3MHz	QPSK	132657	15RB#0	0.15~30	-54.04	PASS
Band66	3MHz	QPSK	132657	15RB#0	30~1000	-62.07	PASS
Band66	3MHz	QPSK	132657	15RB#0	1000~3000	-35.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	3000~20000	-37.77	PASS
Band66	3MHz	16QAM	131987	15RB#0	0.009~0.15	-66.82	PASS
Band66	3MHz	16QAM	131987	15RB#0	0.15~30	-52.38	PASS
Band66	3MHz	16QAM	131987	15RB#0	30~1000	-61.76	PASS
Band66	3MHz	16QAM	131987	15RB#0	1000~3000	-34.37	PASS
Band66	3MHz	16QAM	131987	15RB#0	3000~20000	-37.90	PASS
Band66	3MHz	16QAM	132322	15RB#0	0.009~0.15	-62.70	PASS
Band66	3MHz	16QAM	132322	15RB#0	0.15~30	-53.32	PASS
Band66	3MHz	16QAM	132322	15RB#0	30~1000	-61.69	PASS
Band66	3MHz	16QAM	132322	15RB#0	1000~3000	-35.19	PASS
Band66	3MHz	16QAM	132322	15RB#0	3000~20000	-38.02	PASS
Band66	3MHz	16QAM	132657	15RB#0	0.009~0.15	-63.86	PASS
Band66	3MHz	16QAM	132657	15RB#0	0.15~30	-52.67	PASS
Band66	3MHz	16QAM	132657	15RB#0	30~1000	-61.69	PASS
Band66	3MHz	16QAM	132657	15RB#0	1000~3000	-37.59	PASS
Band66	3MHz	16QAM	132657	15RB#0	3000~20000	-37.76	PASS
Band66	5MHz	QPSK	131997	25RB#0	0.009~0.15	-67.38	PASS
Band66	5MHz	QPSK	131997	25RB#0	0.15~30	-55.98	PASS
Band66	5MHz	QPSK	131997	25RB#0	30~1000	-61.69	PASS
Band66	5MHz	QPSK	131997	25RB#0	1000~3000	-38.56	PASS
Band66	5MHz	QPSK	131997	25RB#0	3000~20000	-37.85	PASS
Band66	5MHz	QPSK	132322	25RB#0	0.009~0.15	-62.79	PASS
Band66	5MHz	QPSK	132322	25RB#0	0.15~30	-55.31	PASS
Band66	5MHz	QPSK	132322	25RB#0	30~1000	-61.95	PASS
Band66	5MHz	QPSK	132322	25RB#0	1000~3000	-36.86	PASS
Band66	5MHz	QPSK	132322	25RB#0	3000~20000	-37.33	PASS
Band66	5MHz	QPSK	132647	25RB#0	0.009~0.15	-66.17	PASS
Band66	5MHz	QPSK	132647	25RB#0	0.15~30	-53.51	PASS
Band66	5MHz	QPSK	132647	25RB#0	30~1000	-61.93	PASS
Band66	5MHz	QPSK	132647	25RB#0	1000~3000	-38.80	PASS
Band66	5MHz	QPSK	132647	25RB#0	3000~20000	-37.46	PASS
Band66	5MHz	16QAM	131997	25RB#0	0.009~0.15	-64.78	PASS
Band66	5MHz	16QAM	131997	25RB#0	0.15~30	-51.11	PASS
Band66	5MHz	16QAM	131997	25RB#0	30~1000	-62.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	1000~3000	-39.13	PASS

Band66	5MHz	16QAM	131997	25RB#0	3000~20000	-37.66	PASS
Band66	5MHz	16QAM	132322	25RB#0	0.009~0.15	-63.96	PASS
Band66	5MHz	16QAM	132322	25RB#0	0.15~30	-53.77	PASS
Band66	5MHz	16QAM	132322	25RB#0	30~1000	-61.91	PASS
Band66	5MHz	16QAM	132322	25RB#0	1000~3000	-38.88	PASS
Band66	5MHz	16QAM	132322	25RB#0	3000~20000	-37.98	PASS
Band66	5MHz	16QAM	132647	25RB#0	0.009~0.15	-66.22	PASS
Band66	5MHz	16QAM	132647	25RB#0	0.15~30	-54.52	PASS
Band66	5MHz	16QAM	132647	25RB#0	30~1000	-62.09	PASS
Band66	5MHz	16QAM	132647	25RB#0	1000~3000	-40.85	PASS
Band66	5MHz	16QAM	132647	25RB#0	3000~20000	-38.19	PASS
Band66	10MHz	QPSK	132022	50RB#0	0.009~0.15	-62.67	PASS
Band66	10MHz	QPSK	132022	50RB#0	0.15~30	-56.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	30~1000	-61.90	PASS
Band66	10MHz	QPSK	132022	50RB#0	1000~3000	-41.06	PASS
Band66	10MHz	QPSK	132022	50RB#0	3000~20000	-37.21	PASS
Band66	10MHz	QPSK	132322	50RB#0	0.009~0.15	-65.19	PASS
Band66	10MHz	QPSK	132322	50RB#0	0.15~30	-54.24	PASS
Band66	10MHz	QPSK	132322	50RB#0	30~1000	-61.96	PASS
Band66	10MHz	QPSK	132322	50RB#0	1000~3000	-39.33	PASS
Band66	10MHz	QPSK	132322	50RB#0	3000~20000	-37.90	PASS
Band66	10MHz	QPSK	132622	50RB#0	0.009~0.15	-61.90	PASS
Band66	10MHz	QPSK	132622	50RB#0	0.15~30	-54.72	PASS
Band66	10MHz	QPSK	132622	50RB#0	30~1000	-61.85	PASS
Band66	10MHz	QPSK	132622	50RB#0	1000~3000	-40.44	PASS
Band66	10MHz	QPSK	132622	50RB#0	3000~20000	-37.80	PASS
Band66	10MHz	16QAM	132022	50RB#0	0.009~0.15	-64.27	PASS
Band66	10MHz	16QAM	132022	50RB#0	0.15~30	-54.88	PASS
Band66	10MHz	16QAM	132022	50RB#0	30~1000	-62.01	PASS
Band66	10MHz	16QAM	132022	50RB#0	1000~3000	-43.64	PASS
Band66	10MHz	16QAM	132022	50RB#0	3000~20000	-37.88	PASS
Band66	10MHz	16QAM	132322	50RB#0	0.009~0.15	-64.77	PASS
Band66	10MHz	16QAM	132322	50RB#0	0.15~30	-55.76	PASS
Band66	10MHz	16QAM	132322	50RB#0	30~1000	-61.92	PASS
Band66	10MHz	16QAM	132322	50RB#0	1000~3000	-41.59	PASS
Band66	10MHz	16QAM	132322	50RB#0	3000~20000	-37.77	PASS
Band66	10MHz	16QAM	132622	50RB#0	0.009~0.15	-65.08	PASS
Band66	10MHz	16QAM	132622	50RB#0	0.15~30	-52.44	PASS
Band66	10MHz	16QAM	132622	50RB#0	30~1000	-61.94	PASS
Band66	10MHz	16QAM	132622	50RB#0	1000~3000	-42.10	PASS
Band66	10MHz	16QAM	132622	50RB#0	3000~20000	-37.95	PASS
Band66	15MHz	QPSK	132047	75RB#0	0.009~0.15	-66.07	PASS
Band66	15MHz	QPSK	132047	75RB#0	0.15~30	-52.37	PASS

Band66	15MHz	QPSK	132047	75RB#0	30~1000	-61.81	PASS
Band66	15MHz	QPSK	132047	75RB#0	1000~3000	-41.62	PASS
Band66	15MHz	QPSK	132047	75RB#0	3000~20000	-37.34	PASS
Band66	15MHz	QPSK	132322	75RB#0	0.009~0.15	-66.42	PASS
Band66	15MHz	QPSK	132322	75RB#0	0.15~30	-54.99	PASS
Band66	15MHz	QPSK	132322	75RB#0	30~1000	-61.84	PASS
Band66	15MHz	QPSK	132322	75RB#0	1000~3000	-39.75	PASS
Band66	15MHz	QPSK	132322	75RB#0	3000~20000	-37.95	PASS
Band66	15MHz	QPSK	132597	75RB#0	0.009~0.15	-63.72	PASS
Band66	15MHz	QPSK	132597	75RB#0	0.15~30	-53.82	PASS
Band66	15MHz	QPSK	132597	75RB#0	30~1000	-61.69	PASS
Band66	15MHz	QPSK	132597	75RB#0	1000~3000	-39.99	PASS
Band66	15MHz	QPSK	132597	75RB#0	3000~20000	-38.17	PASS
Band66	15MHz	16QAM	132047	75RB#0	0.009~0.15	-63.91	PASS
Band66	15MHz	16QAM	132047	75RB#0	0.15~30	-53.94	PASS
Band66	15MHz	16QAM	132047	75RB#0	30~1000	-61.53	PASS
Band66	15MHz	16QAM	132047	75RB#0	1000~3000	-42.39	PASS
Band66	15MHz	16QAM	132047	75RB#0	3000~20000	-37.79	PASS
Band66	15MHz	16QAM	132322	75RB#0	0.009~0.15	-63.61	PASS
Band66	15MHz	16QAM	132322	75RB#0	0.15~30	-53.13	PASS
Band66	15MHz	16QAM	132322	75RB#0	30~1000	-61.93	PASS
Band66	15MHz	16QAM	132322	75RB#0	1000~3000	-41.75	PASS
Band66	15MHz	16QAM	132322	75RB#0	3000~20000	-37.51	PASS
Band66	15MHz	16QAM	132597	75RB#0	0.009~0.15	-62.54	PASS
Band66	15MHz	16QAM	132597	75RB#0	0.15~30	-53.95	PASS
Band66	15MHz	16QAM	132597	75RB#0	30~1000	-61.79	PASS
Band66	15MHz	16QAM	132597	75RB#0	1000~3000	-41.38	PASS
Band66	15MHz	16QAM	132597	75RB#0	3000~20000	-37.63	PASS
Band66	20MHz	QPSK	132072	100RB#0	0.009~0.15	-66.15	PASS
Band66	20MHz	QPSK	132072	100RB#0	0.15~30	-54.71	PASS
Band66	20MHz	QPSK	132072	100RB#0	30~1000	-61.99	PASS
Band66	20MHz	QPSK	132072	100RB#0	1000~3000	-44.41	PASS
Band66	20MHz	QPSK	132072	100RB#0	3000~20000	-37.96	PASS
Band66	20MHz	QPSK	132322	100RB#0	0.009~0.15	-64.61	PASS
Band66	20MHz	QPSK	132322	100RB#0	0.15~30	-52.81	PASS
Band66	20MHz	QPSK	132322	100RB#0	30~1000	-61.69	PASS
Band66	20MHz	QPSK	132322	100RB#0	1000~3000	-46.38	PASS
Band66	20MHz	QPSK	132322	100RB#0	3000~20000	-37.49	PASS
Band66	20MHz	QPSK	132572	100RB#0	0.009~0.15	-63.52	PASS
Band66	20MHz	QPSK	132572	100RB#0	0.15~30	-53.82	PASS
Band66	20MHz	QPSK	132572	100RB#0	30~1000	-61.93	PASS
Band66	20MHz	QPSK	132572	100RB#0	1000~3000	-42.32	PASS
Band66	20MHz	QPSK	132572	100RB#0	3000~20000	-37.60	PASS