

FCC LTE Band Test Data

FCC ID : 2ATVQ-N40B

Company: : SHENZHEN BLOVEDREAM TECHNOLOGY CO.,LTD

EUT : Handheld terminal

Model Number : N40B

Reviewed By : Eric Wang

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.71	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.59	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.28	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.55	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.43	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.12	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.76	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.65	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.59	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.58	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.47	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.38	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.87	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.74	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.76	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.55	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.44	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.44	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.79	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.65	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.76	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.54	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.47	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.50	13	PASS

Test Graphs











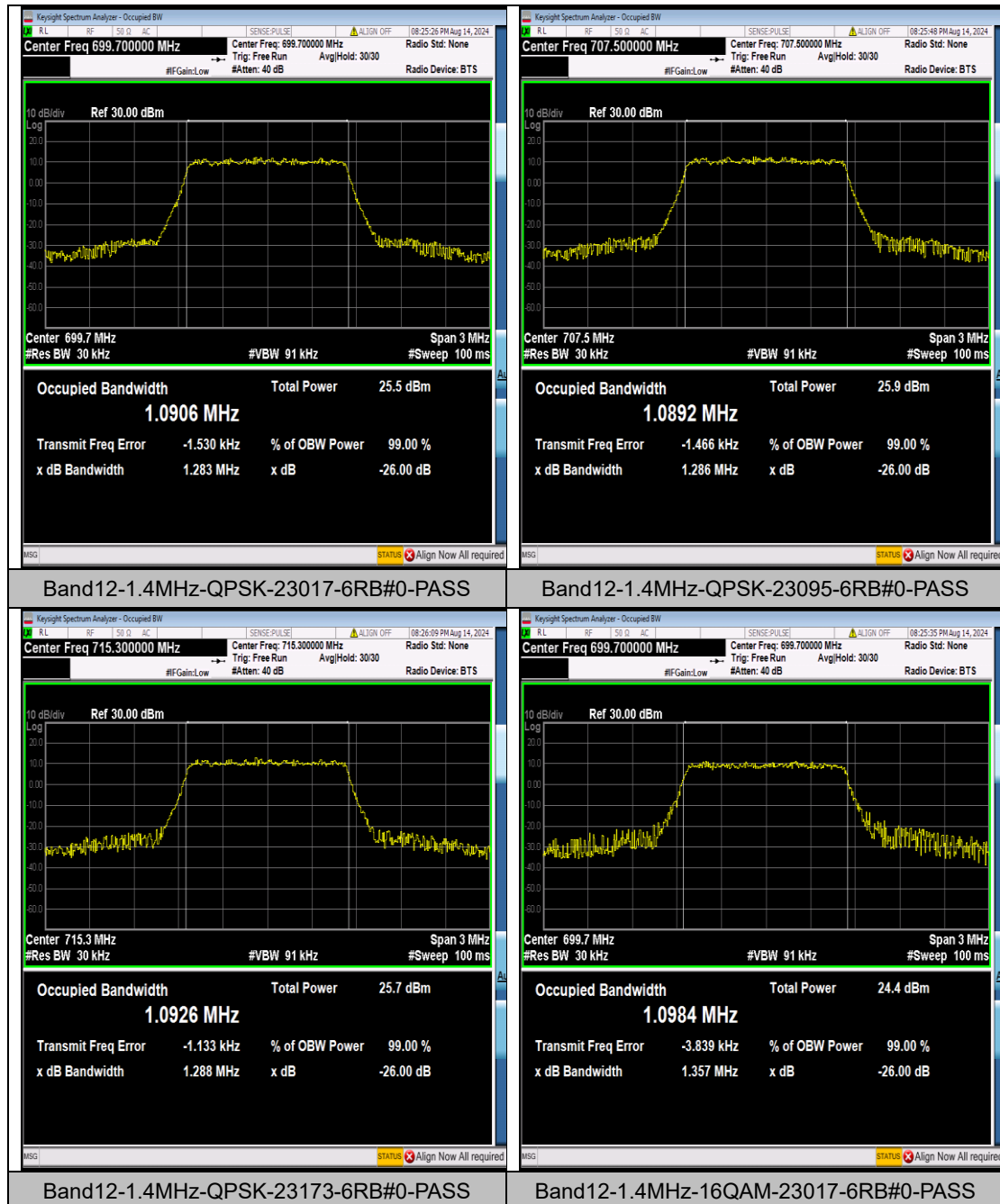


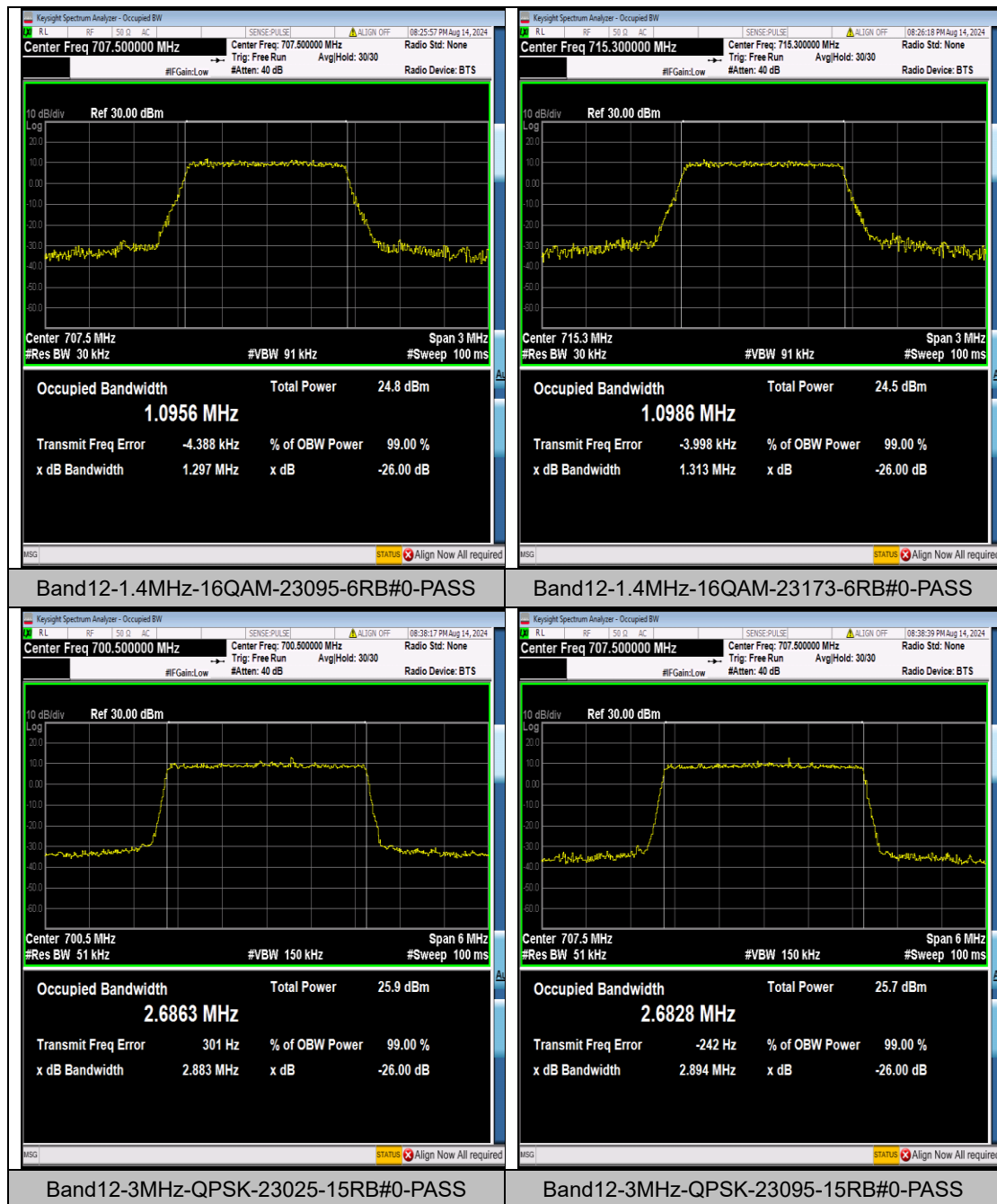
Appendix C: 26dB Bandwidth and Occupied Bandwidth

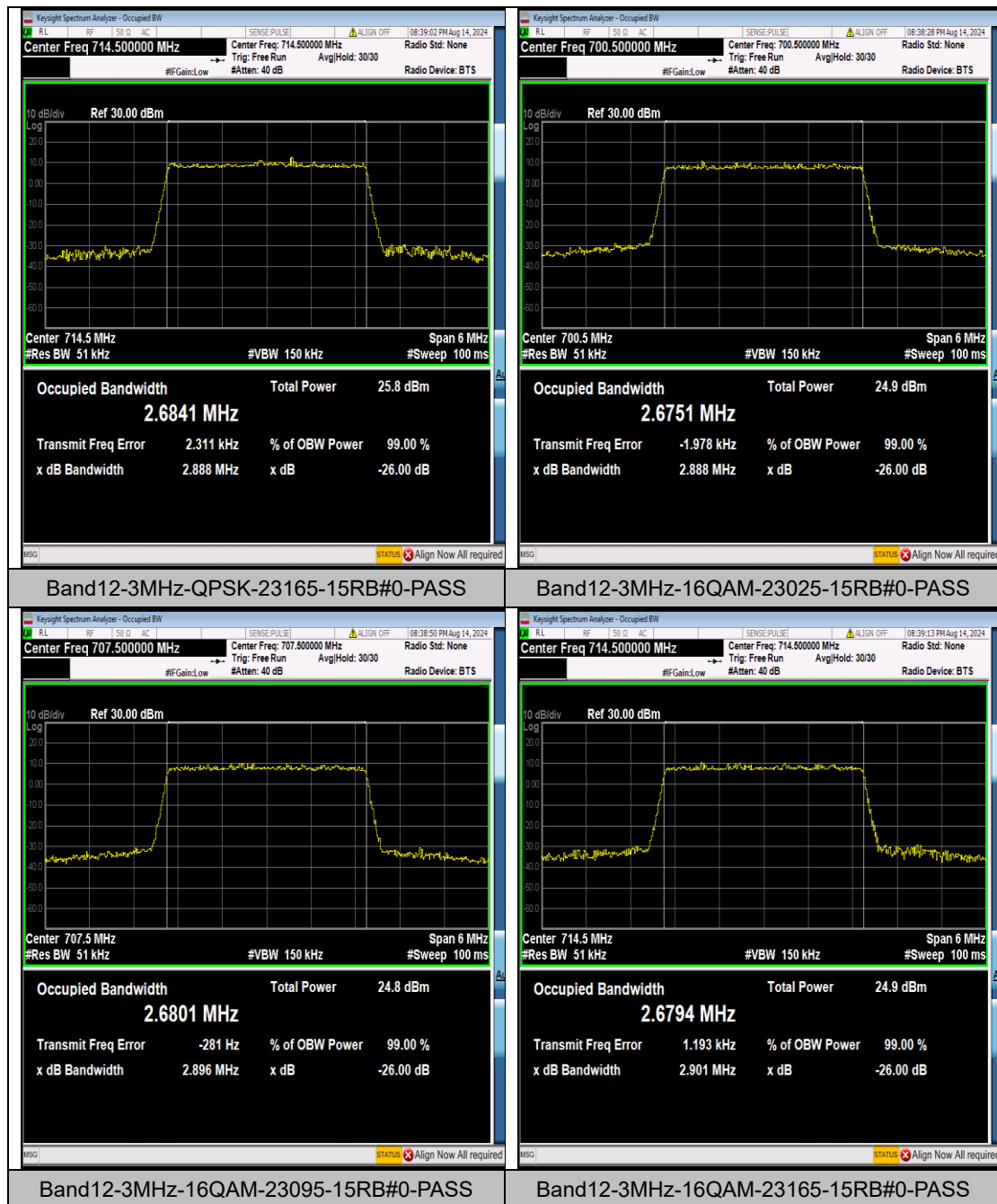
Test Result

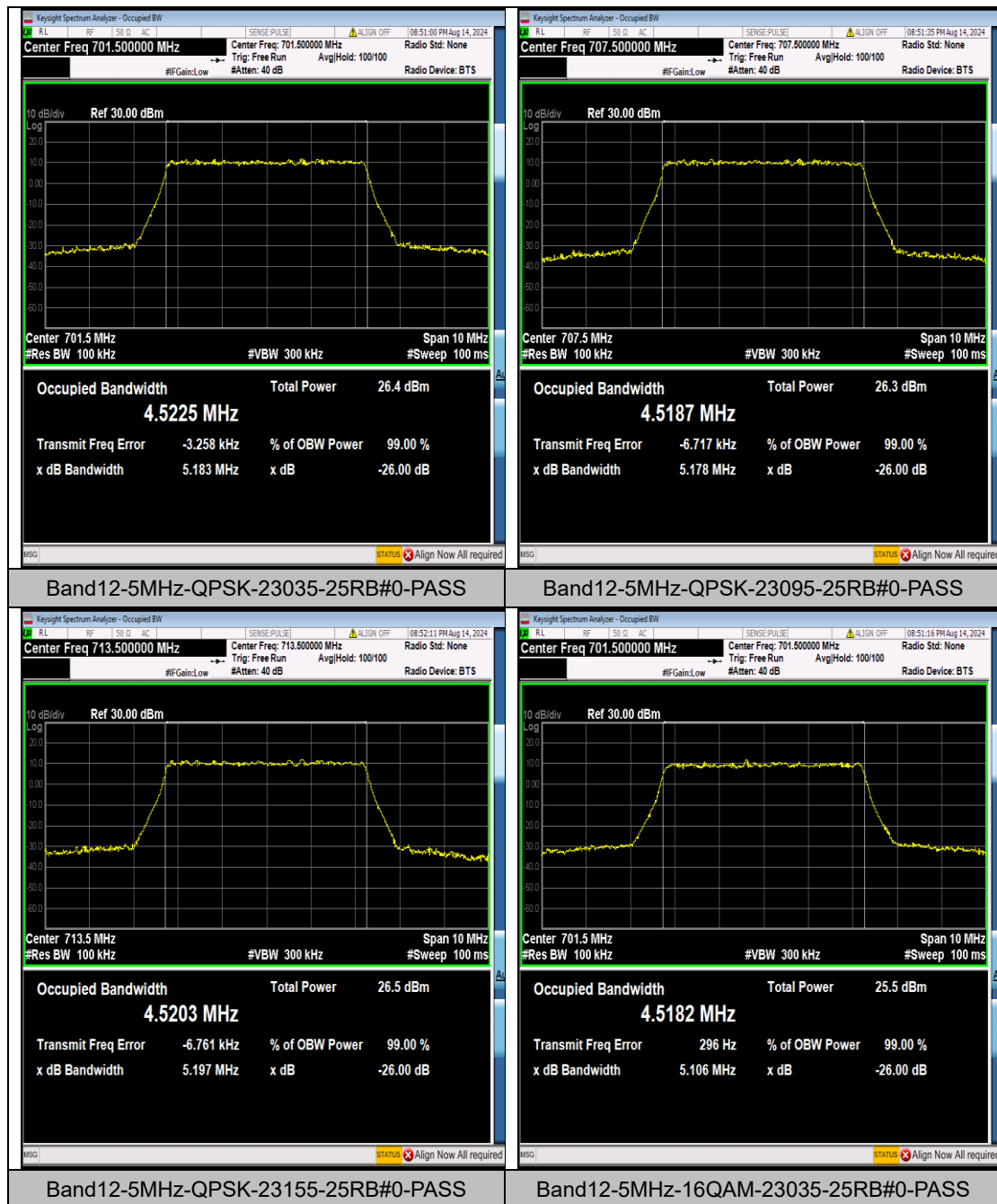
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0906	1.283	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0892	1.286	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0926	1.288	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0984	1.357	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0956	1.297	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0986	1.313	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6863	2.883	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6828	2.894	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6841	2.888	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6751	2.888	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6801	2.896	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6794	2.901	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5225	5.183	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5187	5.178	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5203	5.197	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5182	5.106	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5113	5.072	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5197	5.114	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0104	10.53	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9908	11.78	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0332	11.67	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9870	10.01	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9817	11.55	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0061	11.46	PASS

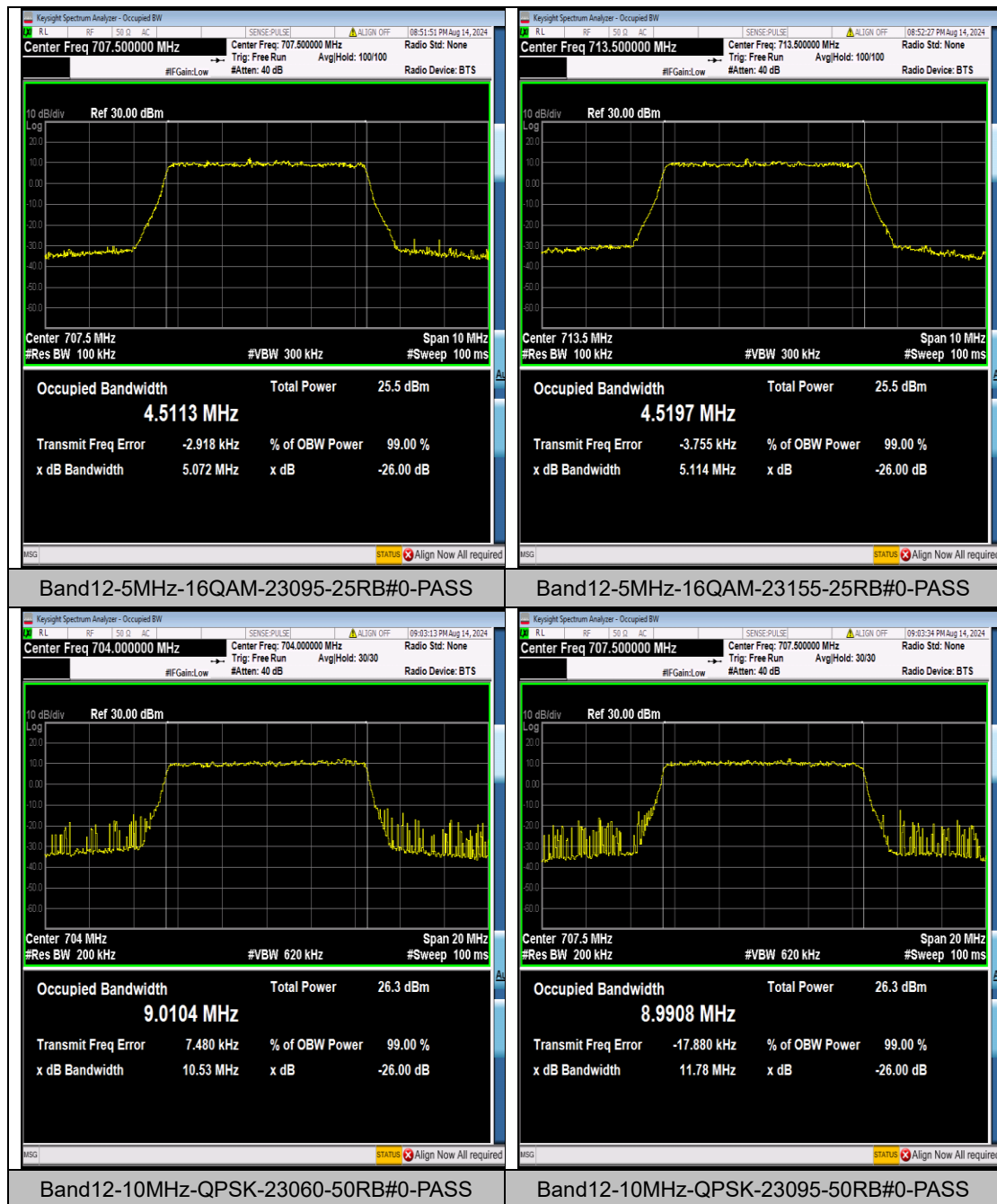
Test Graphs

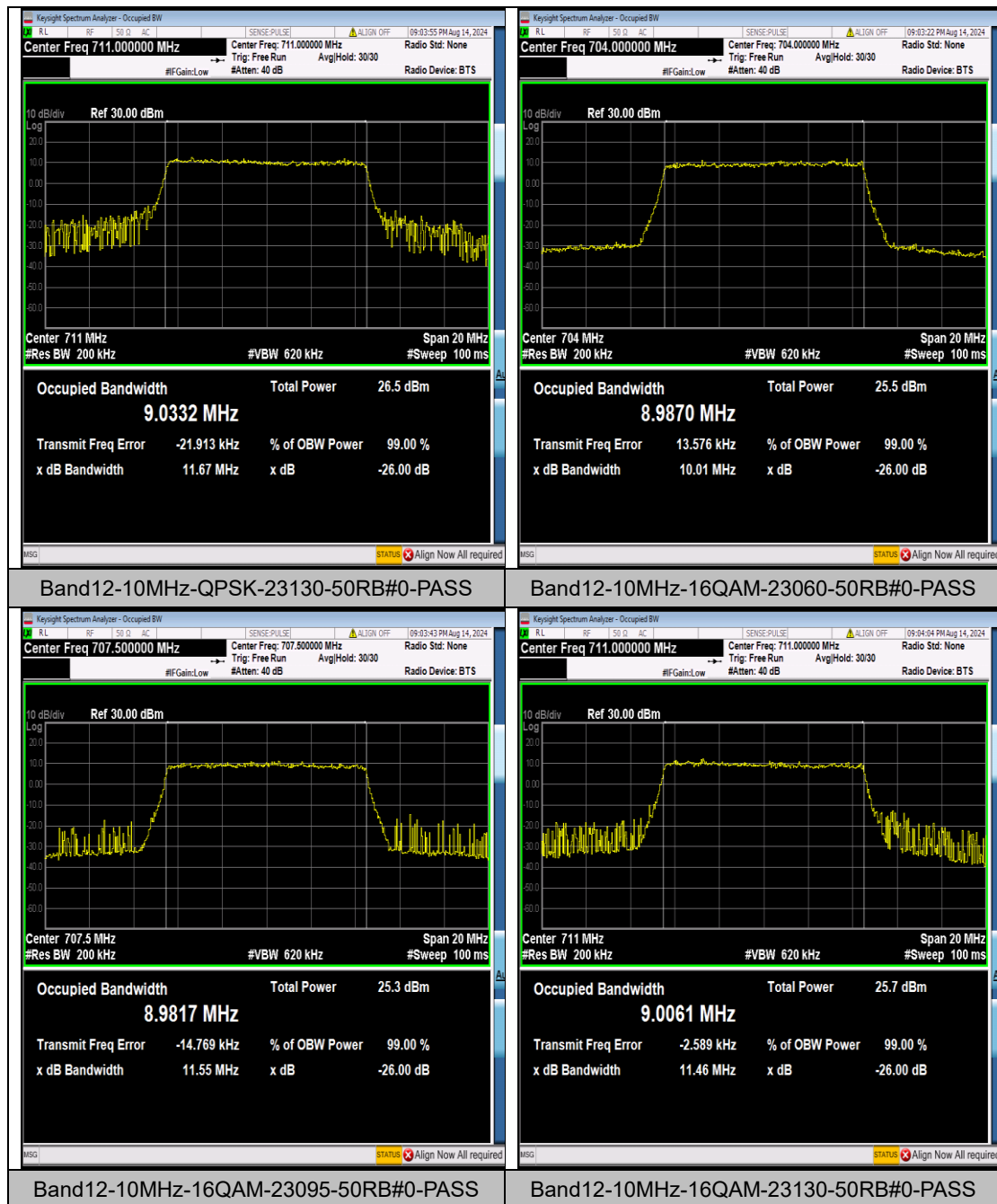










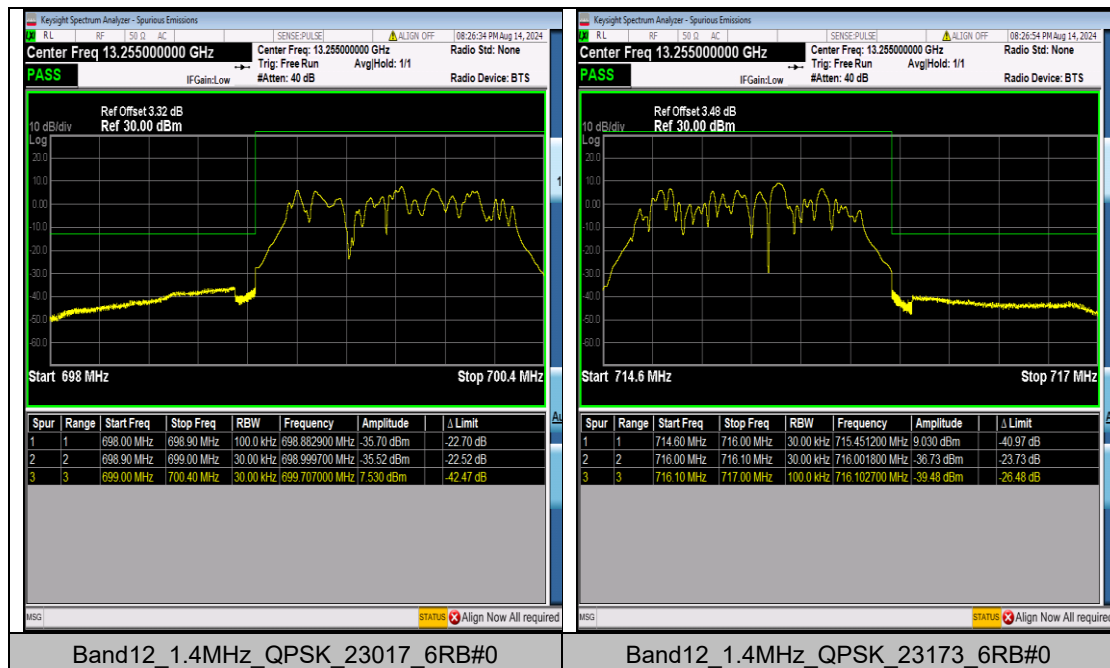


Appendix D: Band Edge

Test Result

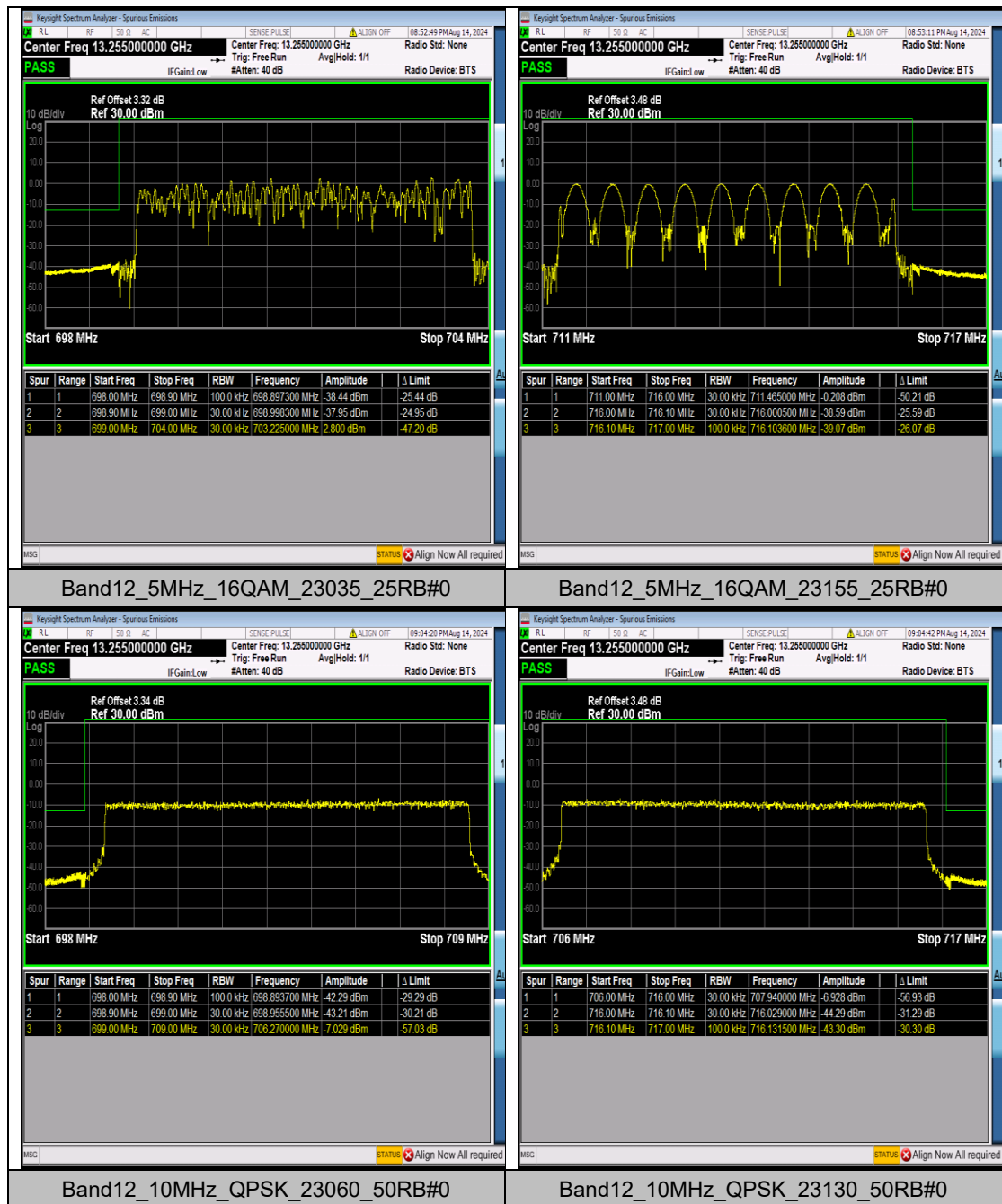
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-35.52	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-36.73	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-35.11	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-37.23	PASS
Band12	3MHz	QPSK	23025	15RB#0	-38.37	PASS
Band12	3MHz	QPSK	23165	15RB#0	-42.15	PASS
Band12	3MHz	16QAM	23025	15RB#0	-37.79	PASS
Band12	3MHz	16QAM	23165	15RB#0	-41.93	PASS
Band12	5MHz	QPSK	23035	25RB#0	-36.84	PASS
Band12	5MHz	QPSK	23155	25RB#0	-37.76	PASS
Band12	5MHz	16QAM	23035	25RB#0	-37.95	PASS
Band12	5MHz	16QAM	23155	25RB#0	-38.59	PASS
Band12	10MHz	QPSK	23060	50RB#0	-42.29	PASS
Band12	10MHz	QPSK	23130	50RB#0	-43.30	PASS
Band12	10MHz	16QAM	23060	50RB#0	-42.92	PASS
Band12	10MHz	16QAM	23130	50RB#0	-42.72	PASS

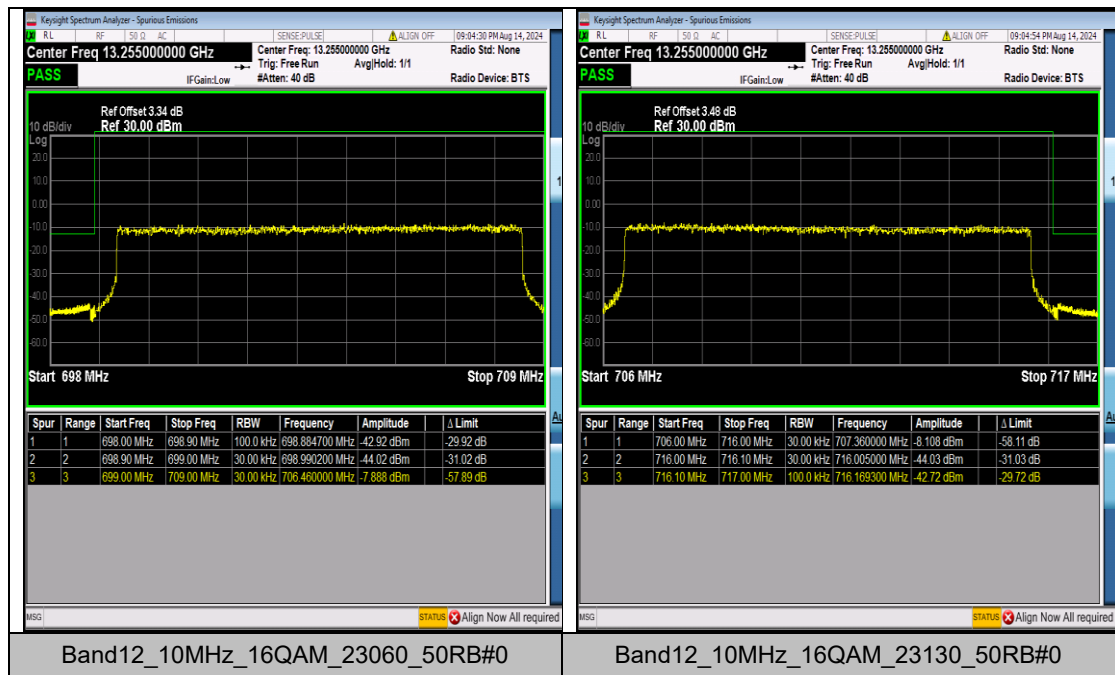
Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-47.02	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-53.80	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-52.29	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-52.39	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-51.90	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-44.72	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-54.61	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-54.66	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-52.36	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-51.99	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-46.81	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-53.03	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-54.80	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-52.09	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-52.04	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-43.78	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-56.10	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-54.09	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-51.97	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-51.96	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-44.96	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-53.49	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-56.07	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-52.32	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-52.10	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-45.56	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-53.82	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-55.72	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-52.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-51.83	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-45.63	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-52.20	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-53.59	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-52.27	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-51.87	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-45.78	PASS

Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-55.34	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-55.11	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-52.44	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-51.91	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-47.56	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-56.01	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-54.95	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-52.29	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-52.14	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-45.27	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-55.06	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-55.14	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-52.41	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-51.68	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-45.02	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-55.17	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-56.15	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-52.35	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-52.02	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-48.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-55.15	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-57.32	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-52.39	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-52.05	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-46.32	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-52.90	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-57.52	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-52.32	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-51.66	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-46.05	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-54.27	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-57.67	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-52.62	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-51.80	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-44.87	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-56.47	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-57.34	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-51.72	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-51.97	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-46.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-54.09	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-59.84	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-51.68	PASS

Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-51.81	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-45.15	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-55.70	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-58.49	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-51.96	PASS
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-52.03	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-42.99	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-54.81	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-58.79	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-52.34	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-52.03	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-45.87	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-54.58	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-66.02	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-52.30	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-51.90	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-44.67	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-53.62	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-66.35	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-52.27	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-51.82	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-44.28	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-55.60	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-66.38	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-52.02	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-52.00	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-45.67	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-54.03	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-65.99	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-51.75	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-51.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-46.41	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-55.98	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-66.24	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-52.20	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-51.54	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-48.55	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-55.47	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-66.25	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-52.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-51.79	PASS