

FCC Appendix RF Test Data for LTE Band 18

FCC ID : 2A3DR-AGMP3

Company : AGM MOBILE LIMITED

EUT : 4G smart PAD Tablet

Model Number : AGM_P3_COMPACT

Report No. : CTA26040100310

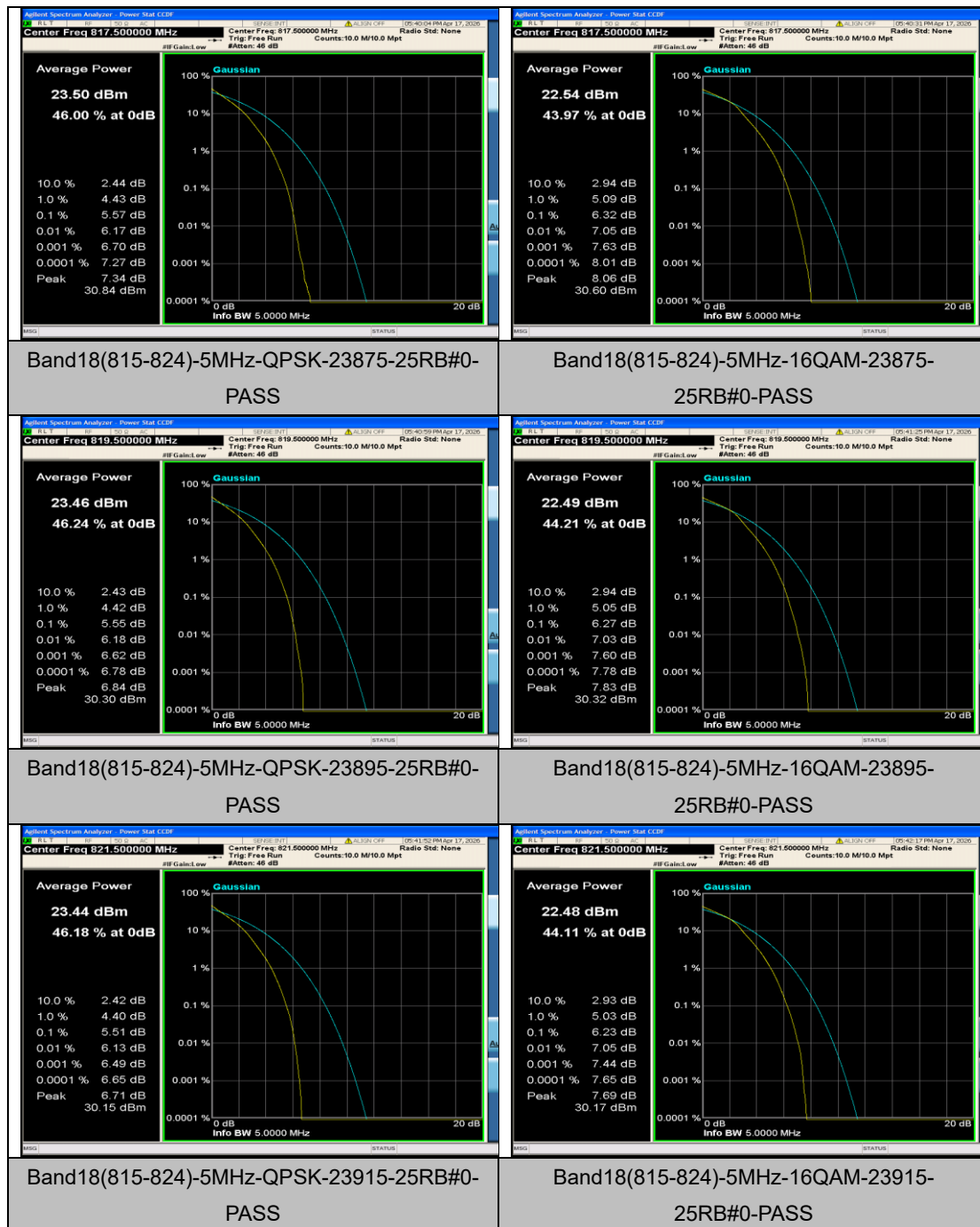
Reviewed By : Eric Wang

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band18(815-824)	5MHz	QPSK	23875	25RB#0	5.57	13	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	6.32	13	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	5.55	13	PASS
Band18(815-824)	5MHz	16QAM	23895	25RB#0	6.27	13	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	5.51	13	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	6.23	13	PASS

Test Graphs

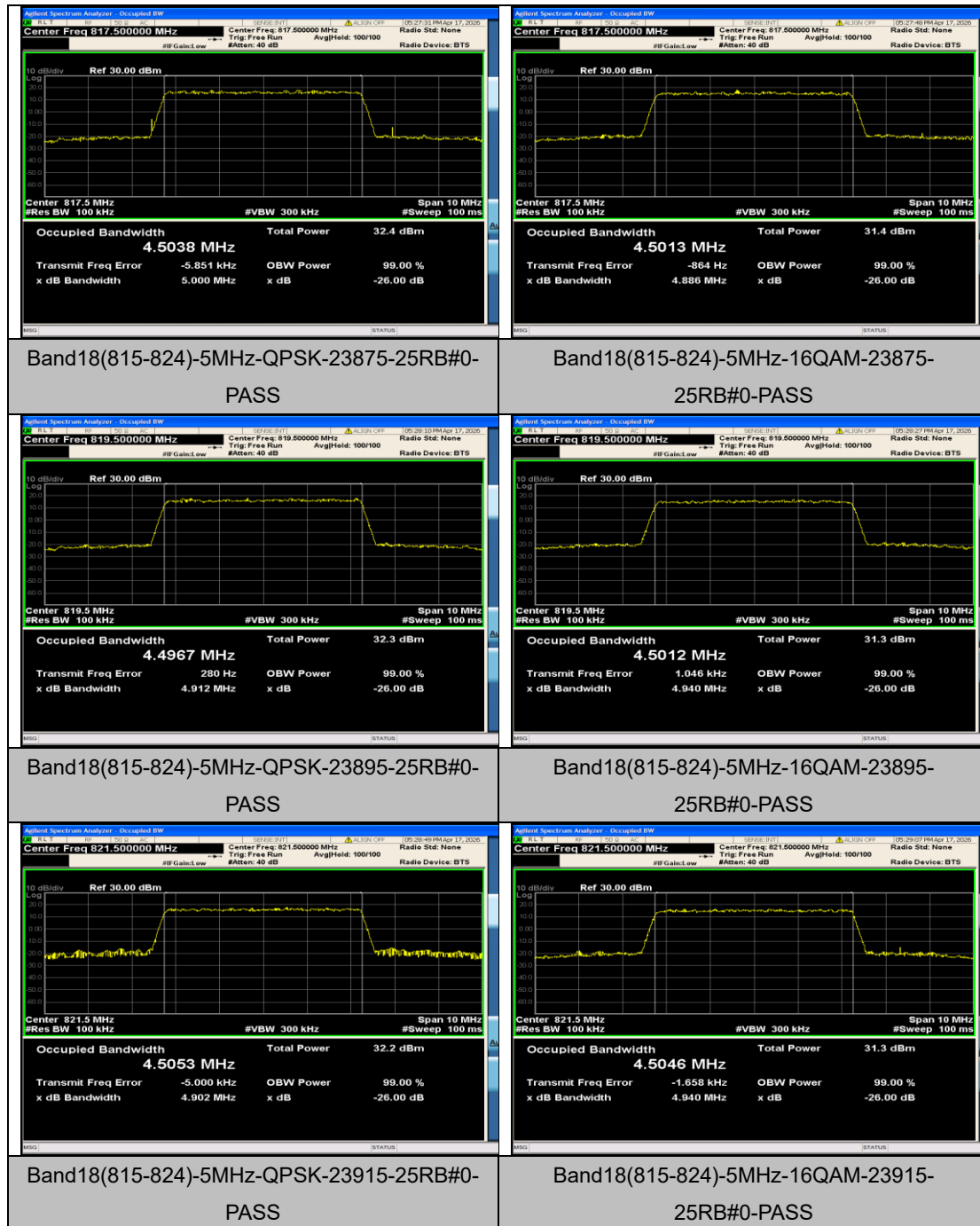


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band18(815-824)	5MHz	QPSK	23875	25RB#0	4.5038	5.000	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	4.5013	4.886	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	4.4967	4.912	PASS
Band18(815-824)	5MHz	16QAM	23895	25RB#0	4.5012	4.940	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	4.5053	4.902	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	4.5046	4.940	PASS

Test Graphs

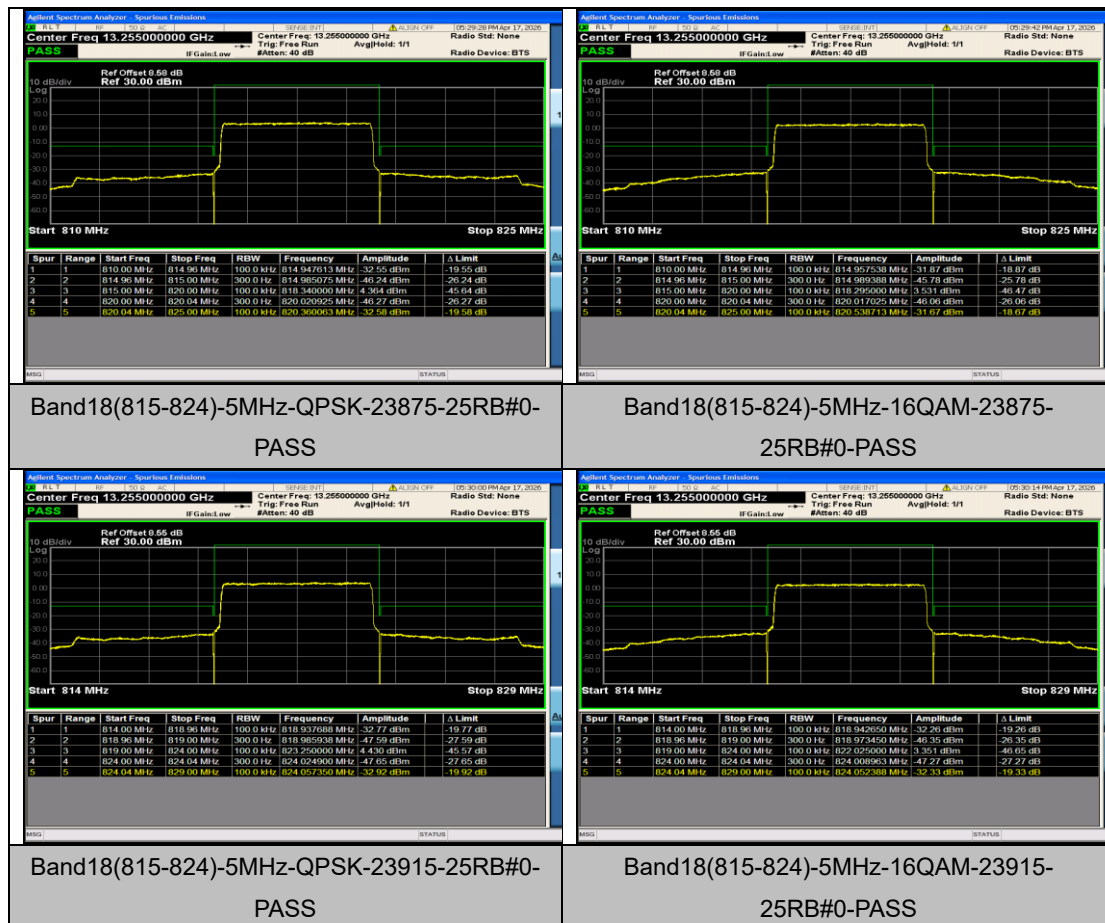


Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band18(815-824)	5MHz	QPSK	23875	25RB#0	-32.55	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	-31.67	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	-32.77	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	-32.26	PASS

Test Graphs



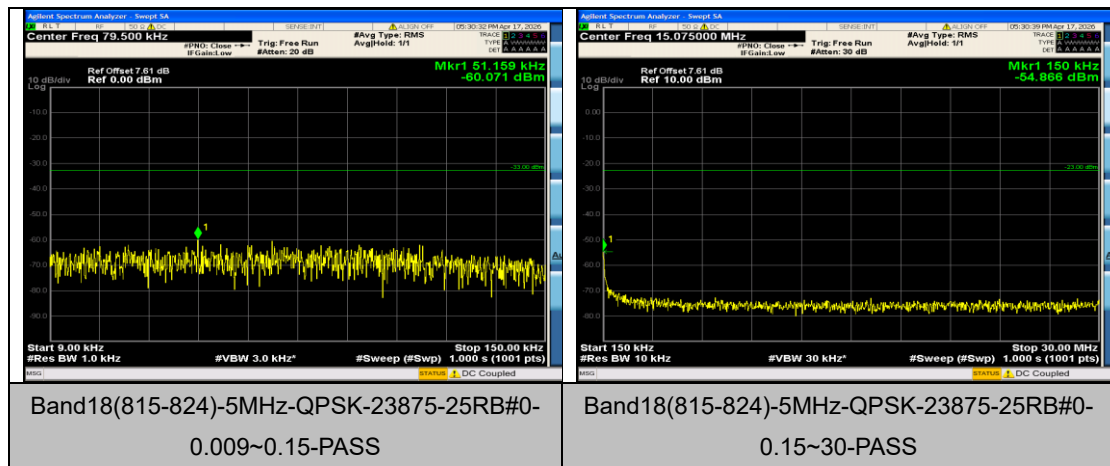
Appendix E: Conducted Spurious Emission

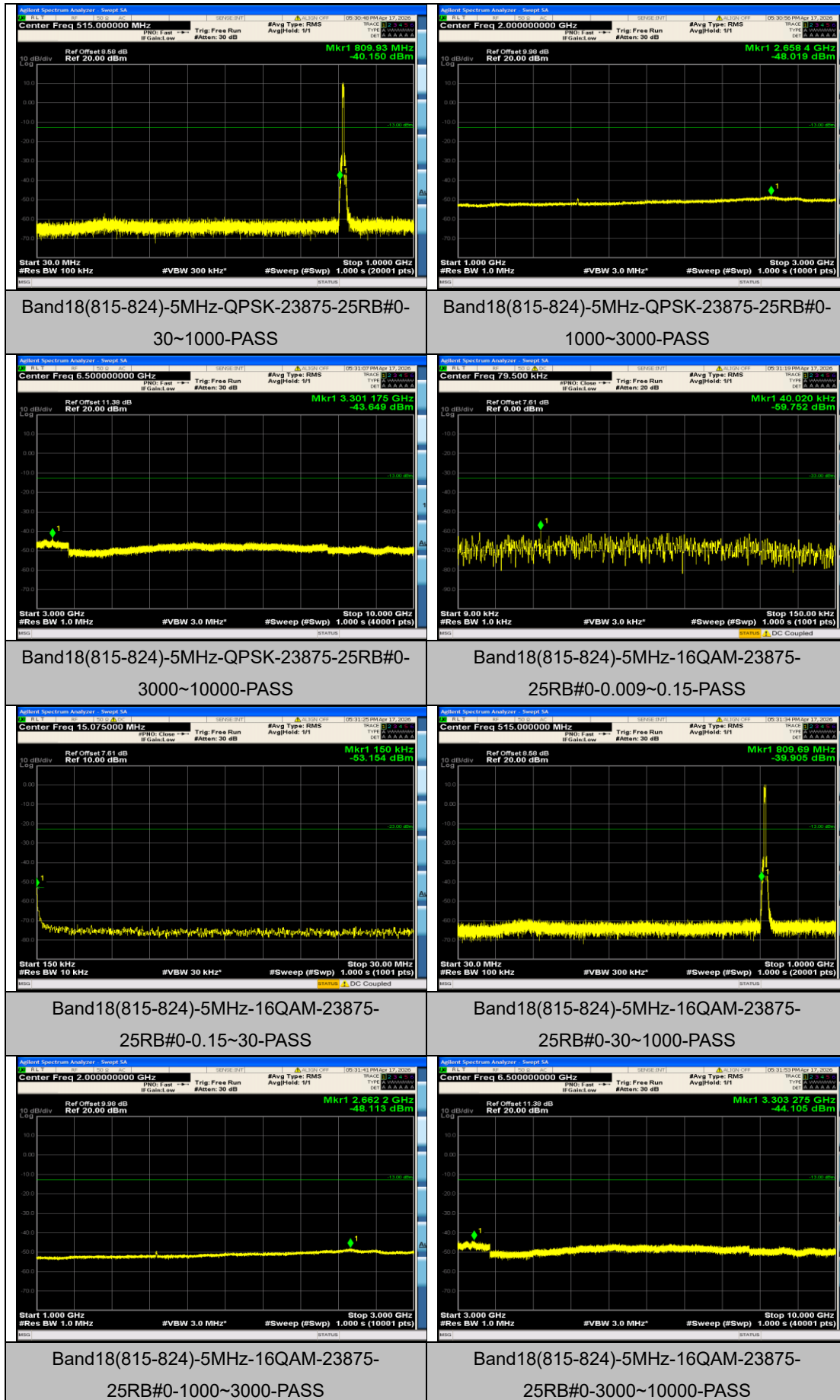
Test Result

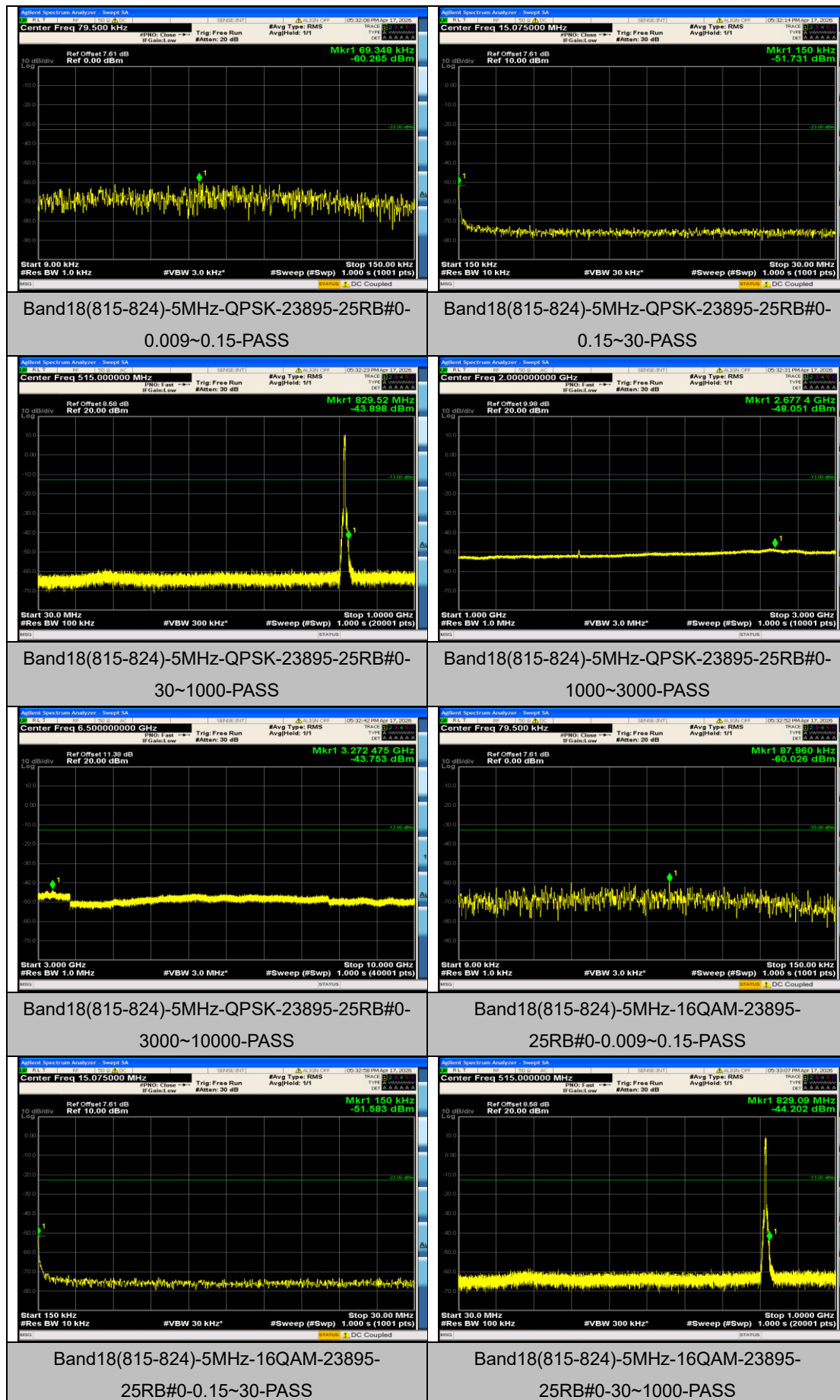
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band18(815-824)	5MHz	QPSK	23875	25RB#0	0.009~0.15	-60.07	PASS
Band18(815-824)	5MHz	QPSK	23875	25RB#0	0.15~30	-54.87	PASS
Band18(815-824)	5MHz	QPSK	23875	25RB#0	30~1000	-40.15	PASS
Band18(815-824)	5MHz	QPSK	23875	25RB#0	1000~3000	-48.02	PASS
Band18(815-824)	5MHz	QPSK	23875	25RB#0	3000~10000	-43.65	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	0.009~0.15	-59.75	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	0.15~30	-53.15	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	30~1000	-39.91	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	1000~3000	-48.11	PASS
Band18(815-824)	5MHz	16QAM	23875	25RB#0	3000~10000	-44.11	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	0.009~0.15	-60.27	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	0.15~30	-51.73	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	30~1000	-43.90	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	1000~3000	-48.05	PASS
Band18(815-824)	5MHz	QPSK	23895	25RB#0	3000~10000	-43.75	PASS
Band18(815-824)	5MHz	16QAM	23895	25RB#0	0.009~0.15	-60.03	PASS
Band18(815-824)	5MHz	16QAM	23895	25RB#0	0.15~30	-51.58	PASS
Band18(815-824)	5MHz	16QAM	23895	25RB#0	30~1000	-44.20	PASS

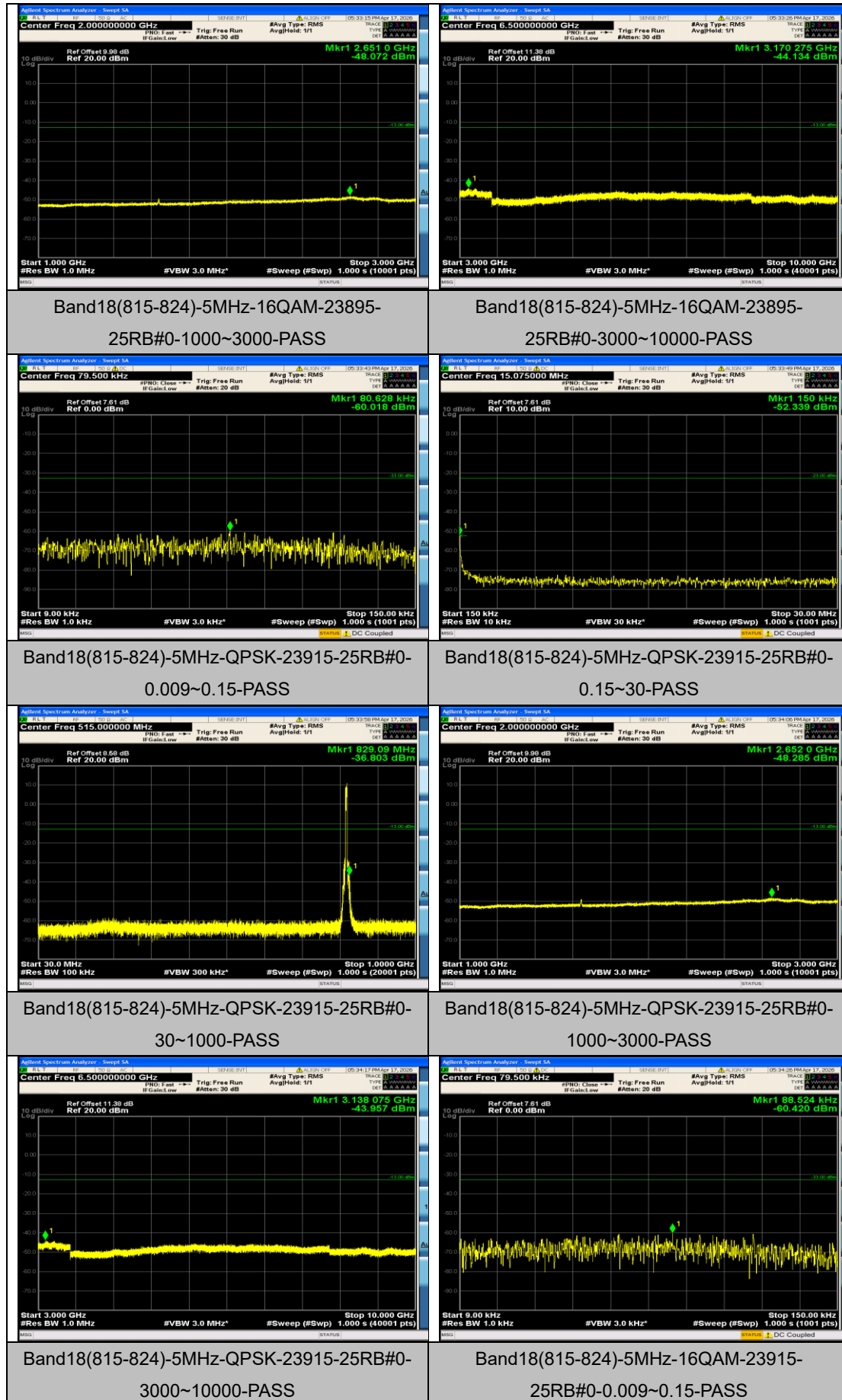
Band18(815-824)	5MHz	16QAM	23895	25RB#0	1000~3000	-48.07	PASS
Band18(815-824)	5MHz	16QAM	23895	25RB#0	3000~10000	-44.13	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	0.009~0.15	-60.02	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	0.15~30	-52.34	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	30~1000	-36.80	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	1000~3000	-48.29	PASS
Band18(815-824)	5MHz	QPSK	23915	25RB#0	3000~10000	-43.96	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	0.009~0.15	-60.42	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	0.15~30	-52.41	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	30~1000	-38.53	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	1000~3000	-48.06	PASS
Band18(815-824)	5MHz	16QAM	23915	25RB#0	3000~10000	-43.97	PASS

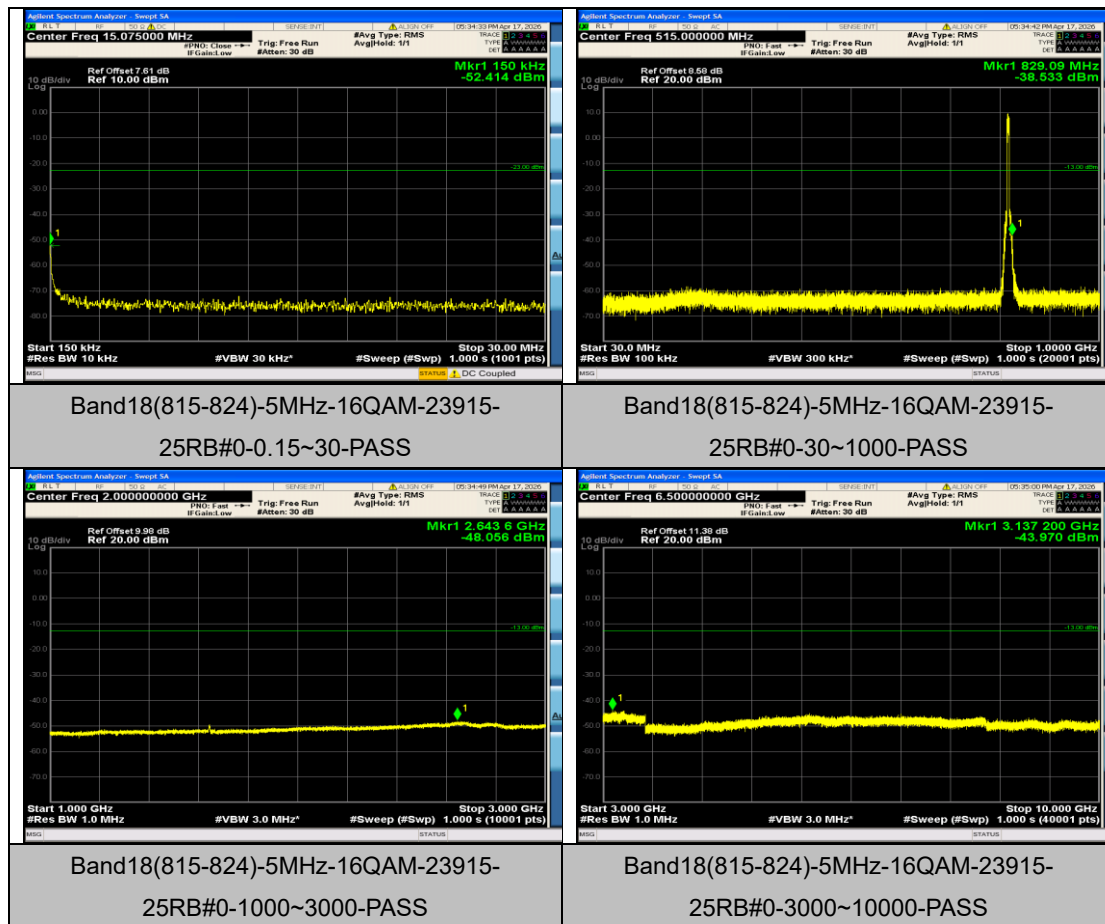
Test Graphs











Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	-30	-4.48	-0.005480	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	-20	-1.93	-0.002361	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	-10	-5.15	-0.006300	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	0	-3.99	-0.004881	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	10	-1.49	-0.001823	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	20	-2.03	-0.002483	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	30	-7.74	-0.009468	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	40	-2.62	-0.003205	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	50	-2.75	-0.003364	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	-30	-6.39	-0.007817	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	-20	-8.14	-0.009957	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	-10	-10.46	-0.012795	±2.5	PASS
Band18	5MHz	16QAM	23875	25RB#0	NV	0	-7.40	-0.009052	±2.5	PASS

(815-824)										
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	10	-4.61	-0.005639	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	20	-6.58	-0.008049	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	30	-9.16	-0.011205	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	40	-10.47	-0.012807	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	50	-3.35	-0.004098	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	-30	-6.21	-0.007578	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	-20	-8.05	-0.009823	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	-10	-1.57	-0.001916	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	0	3.55	0.004332	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	10	-6.42	-0.007834	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	20	-7.48	-0.009128	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	30	-6.29	-0.007675	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	40	-6.81	-0.008310	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	50	-6.67	-0.008139	±2.5	PASS

824)										
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	-30	-5.81	-0.007090	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	-20	-7.12	-0.008688	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	-10	-5.69	-0.006943	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	0	-10.70	-0.013057	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	10	-3.56	-0.004344	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	20	-5.82	-0.007102	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	30	-7.47	-0.009115	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	40	5.08	0.006199	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	50	-4.09	-0.004991	±2.5	PASS
Band18 (815- 824)	5MHz	QPSK	23915	25RB#0	NV	-30	-4.98	-0.006062	±2.5	PASS
Band18 (815- 824)	5MHz	QPSK	23915	25RB#0	NV	-20	-5.04	-0.006135	±2.5	PASS
Band18 (815- 824)	5MHz	QPSK	23915	25RB#0	NV	-10	-10.30	-0.012538	±2.5	PASS
Band18 (815- 824)	5MHz	QPSK	23915	25RB#0	NV	0	-6.74	-0.008205	±2.5	PASS
Band18 (815- 824)	5MHz	QPSK	23915	25RB#0	NV	10	-9.81	-0.011942	±2.5	PASS

Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	20	-8.74	-0.010639	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	30	-5.15	-0.006269	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	40	-7.42	-0.009032	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	50	-4.19	-0.005100	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	-30	-9.80	-0.011929	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	-20	-9.61	-0.011698	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	-10	-7.40	-0.009008	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	0	-2.95	-0.003591	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	10	-6.31	-0.007681	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	20	-7.45	-0.009069	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	30	-8.58	-0.010444	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	40	-4.51	-0.005490	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23915	25RB#0	NV	50	-7.75	-0.009434	±2.5	PASS