

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. : CTA26040100309

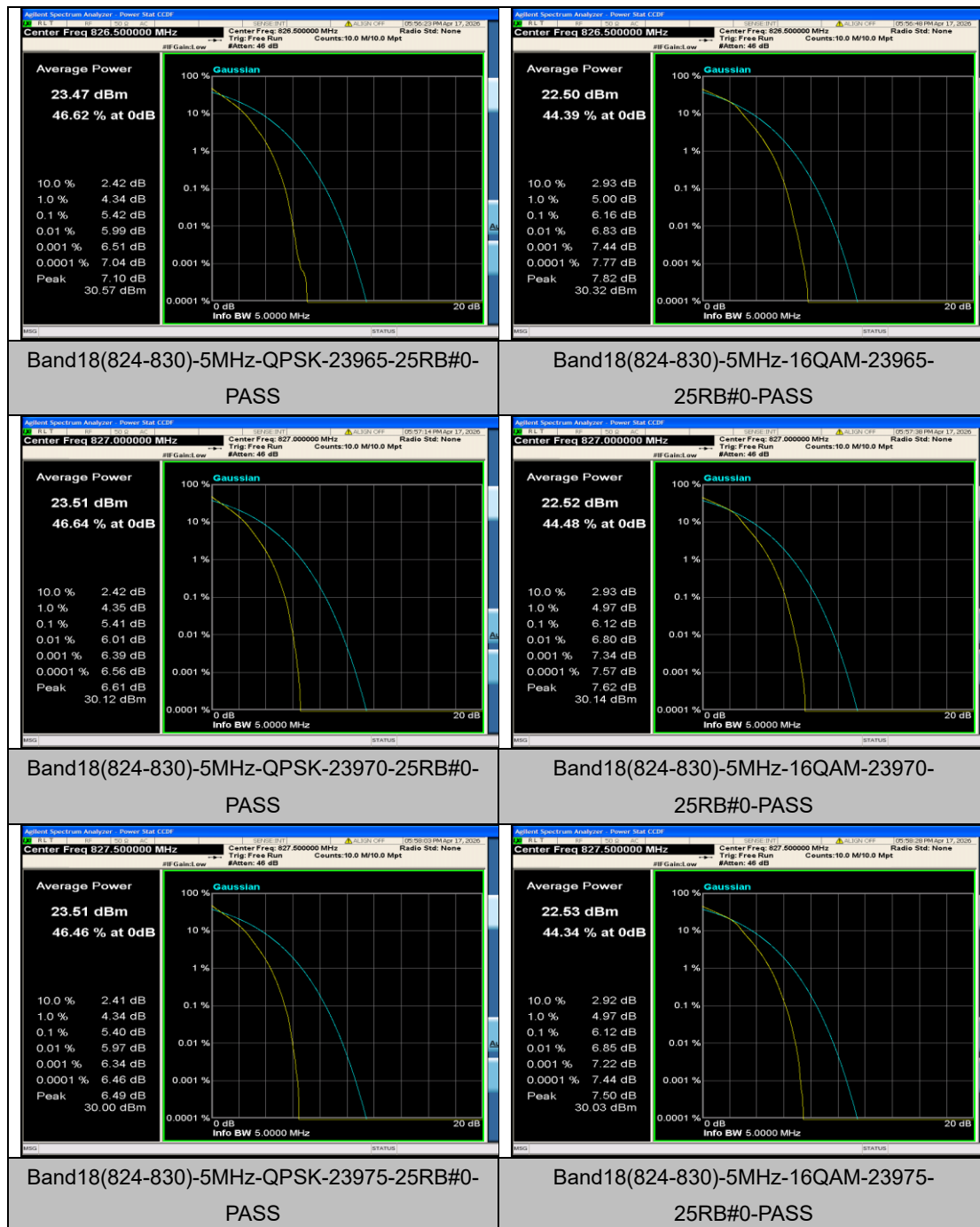
Reviewed By : Eric Wang

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band18(824-830)	5MHz	QPSK	23965	25RB#0	5.42	13	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	6.16	13	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	5.41	13	PASS
Band18(824-830)	5MHz	16QAM	23970	25RB#0	6.12	13	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	5.40	13	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	6.12	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(824-830)	5MHz	QPSK	23965	25RB#0	4.5004	4.921	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	4.4997	4.878	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	4.4972	4.899	PASS
Band18(824-830)	5MHz	16QAM	23970	25RB#0	4.5038	4.946	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	4.5005	4.913	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	4.5145	4.917	PASS

Test Graphs

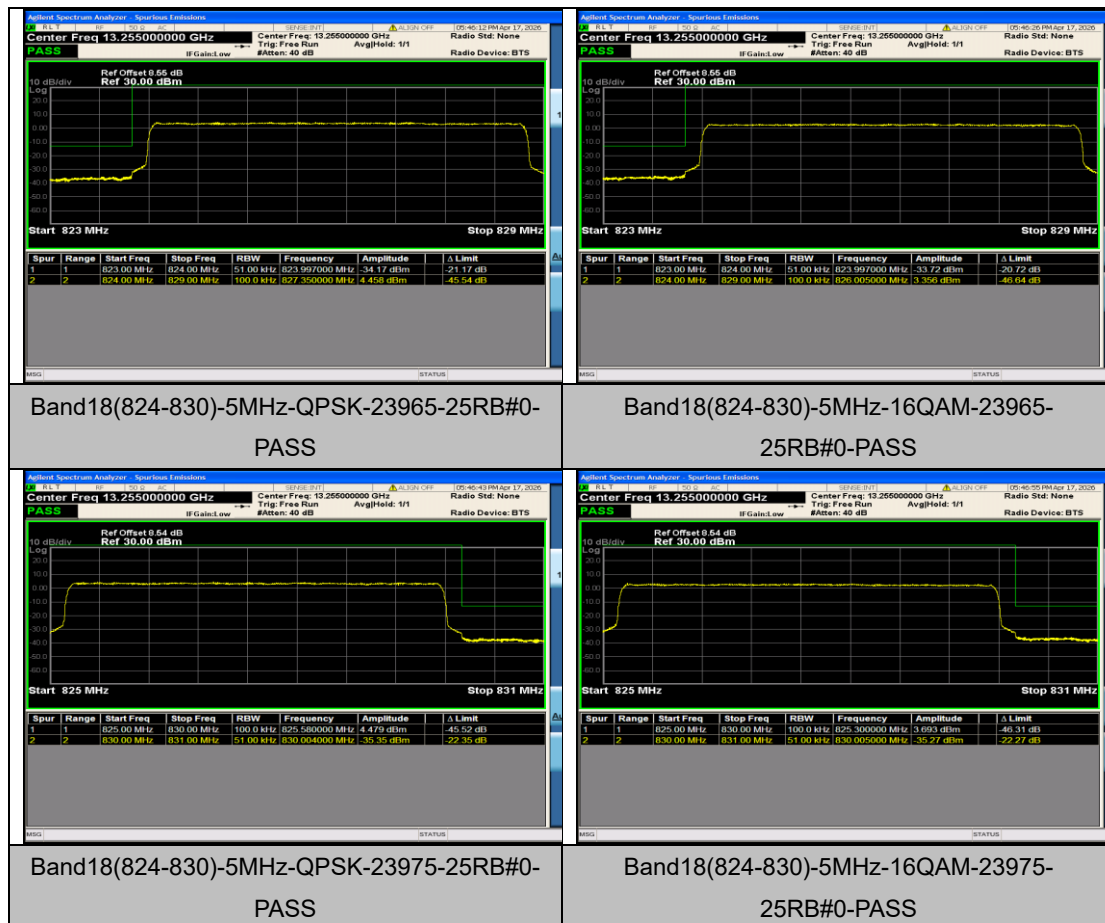


Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band18(824-830)	5MHz	QPSK	23965	25RB#0	-34.17	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	-33.72	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	-35.35	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	-35.27	PASS

Test Graphs



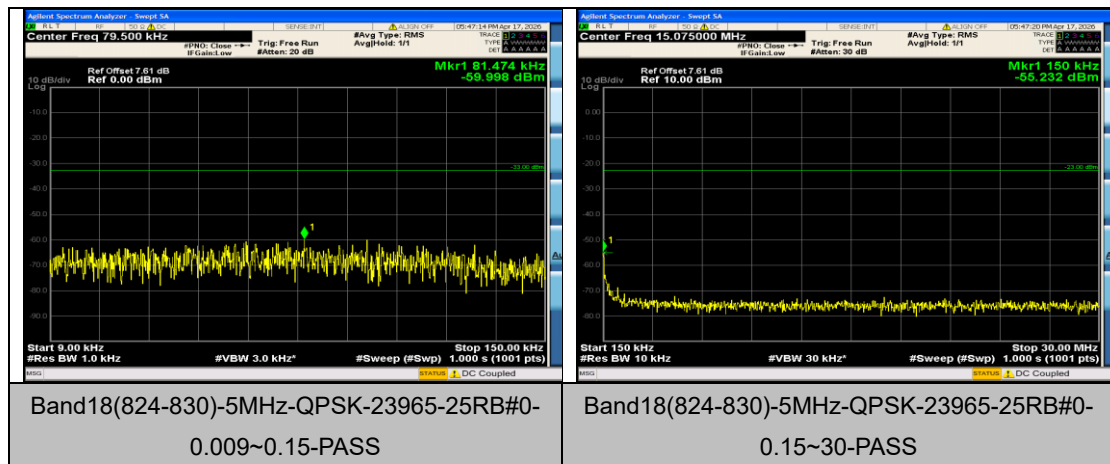
Appendix E: Conducted Spurious Emission

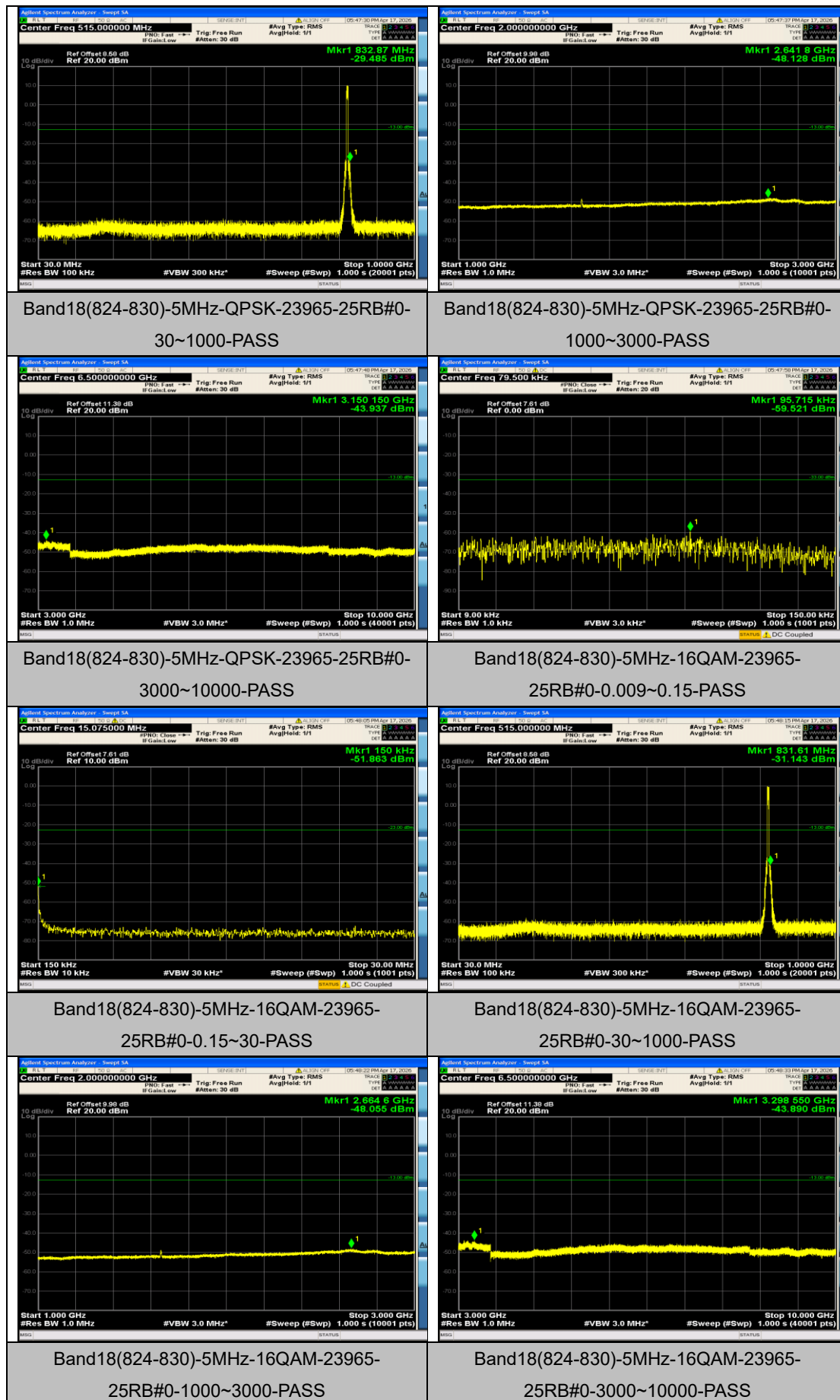
Test Result

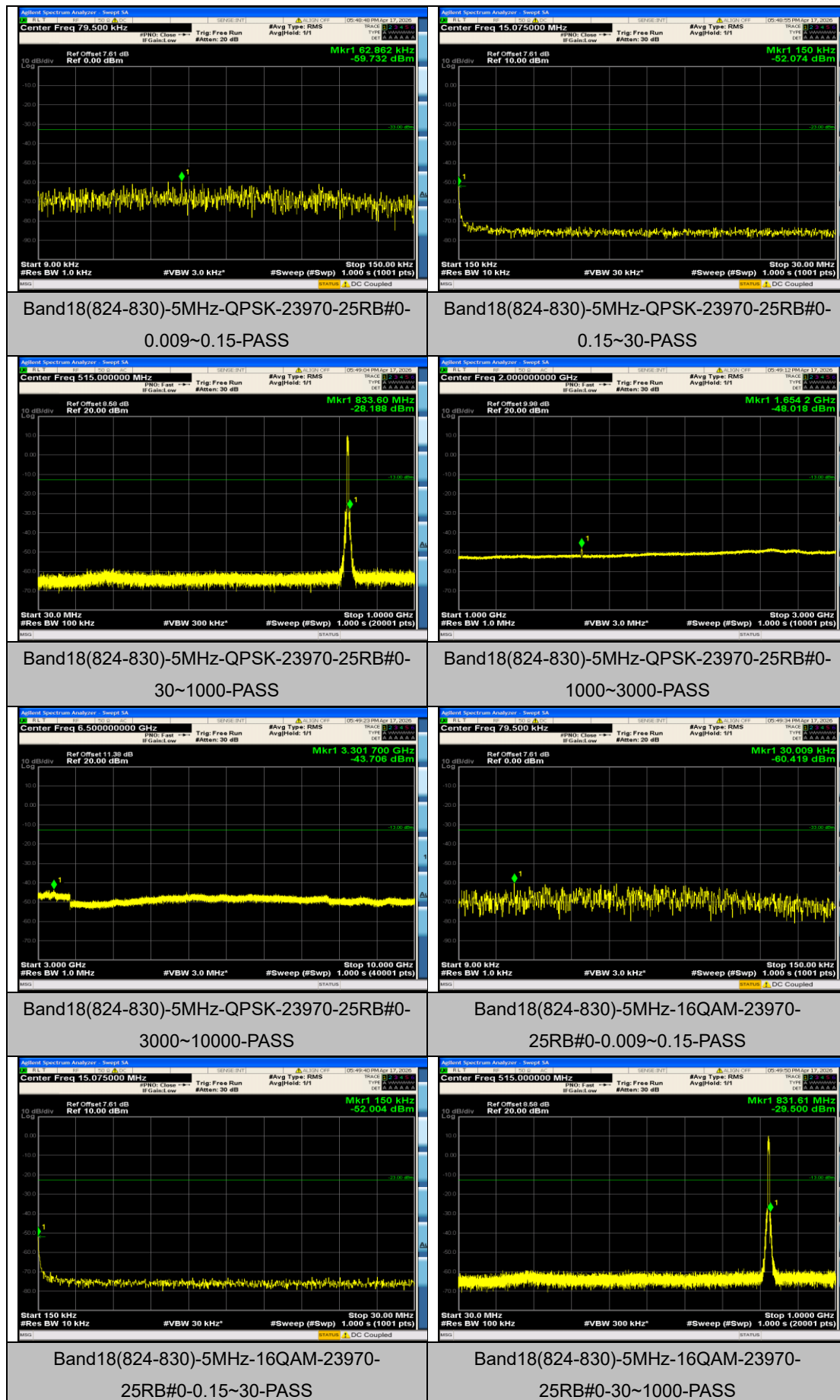
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band18(824-830)	5MHz	QPSK	23965	25RB#0	0.009~0.15	-60.00	PASS
Band18(824-830)	5MHz	QPSK	23965	25RB#0	0.15~30	-55.23	PASS
Band18(824-830)	5MHz	QPSK	23965	25RB#0	30~1000	-29.49	PASS
Band18(824-830)	5MHz	QPSK	23965	25RB#0	1000~3000	-48.13	PASS
Band18(824-830)	5MHz	QPSK	23965	25RB#0	3000~10000	-43.94	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	0.009~0.15	-59.52	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	0.15~30	-51.86	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	30~1000	-31.14	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	1000~3000	-48.06	PASS
Band18(824-830)	5MHz	16QAM	23965	25RB#0	3000~10000	-43.89	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	0.009~0.15	-59.73	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	0.15~30	-52.07	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	30~1000	-28.19	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	1000~3000	-48.02	PASS
Band18(824-830)	5MHz	QPSK	23970	25RB#0	3000~10000	-43.71	PASS
Band18(824-830)	5MHz	16QAM	23970	25RB#0	0.009~0.15	-60.42	PASS
Band18(824-830)	5MHz	16QAM	23970	25RB#0	0.15~30	-52.00	PASS
Band18(824-830)	5MHz	16QAM	23970	25RB#0	30~1000	-29.50	PASS

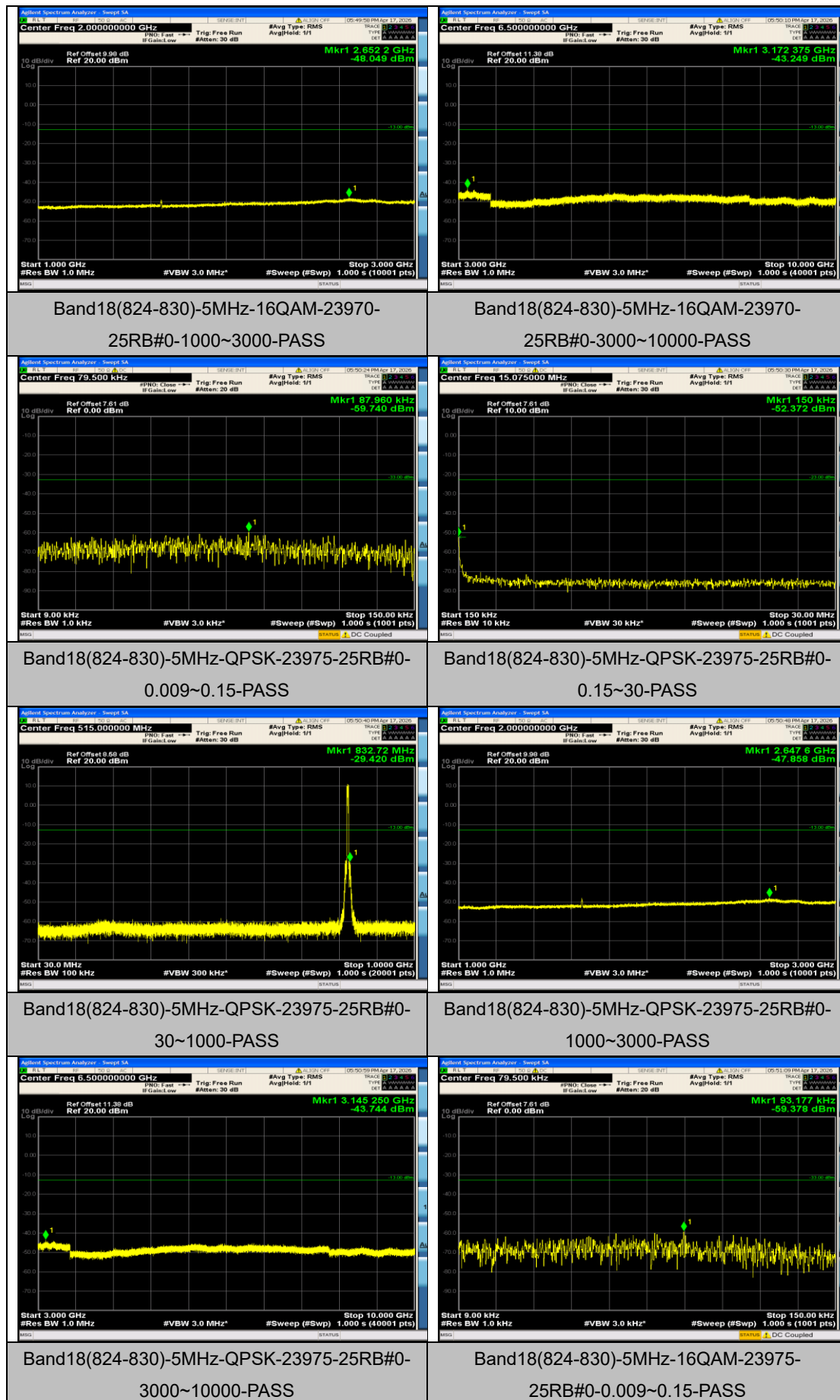
Band18(824-830)	5MHz	16QAM	23970	25RB#0	1000~3000	-48.05	PASS
Band18(824-830)	5MHz	16QAM	23970	25RB#0	3000~1000 0	-43.25	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	0.009~0.15	-59.74	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	0.15~30	-52.37	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	30~1000	-29.42	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	1000~3000	-47.86	PASS
Band18(824-830)	5MHz	QPSK	23975	25RB#0	3000~1000 0	-43.74	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	0.009~0.15	-59.38	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	0.15~30	-49.37	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	30~1000	-29.37	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	1000~3000	-47.82	PASS
Band18(824-830)	5MHz	16QAM	23975	25RB#0	3000~1000 0	-43.92	PASS

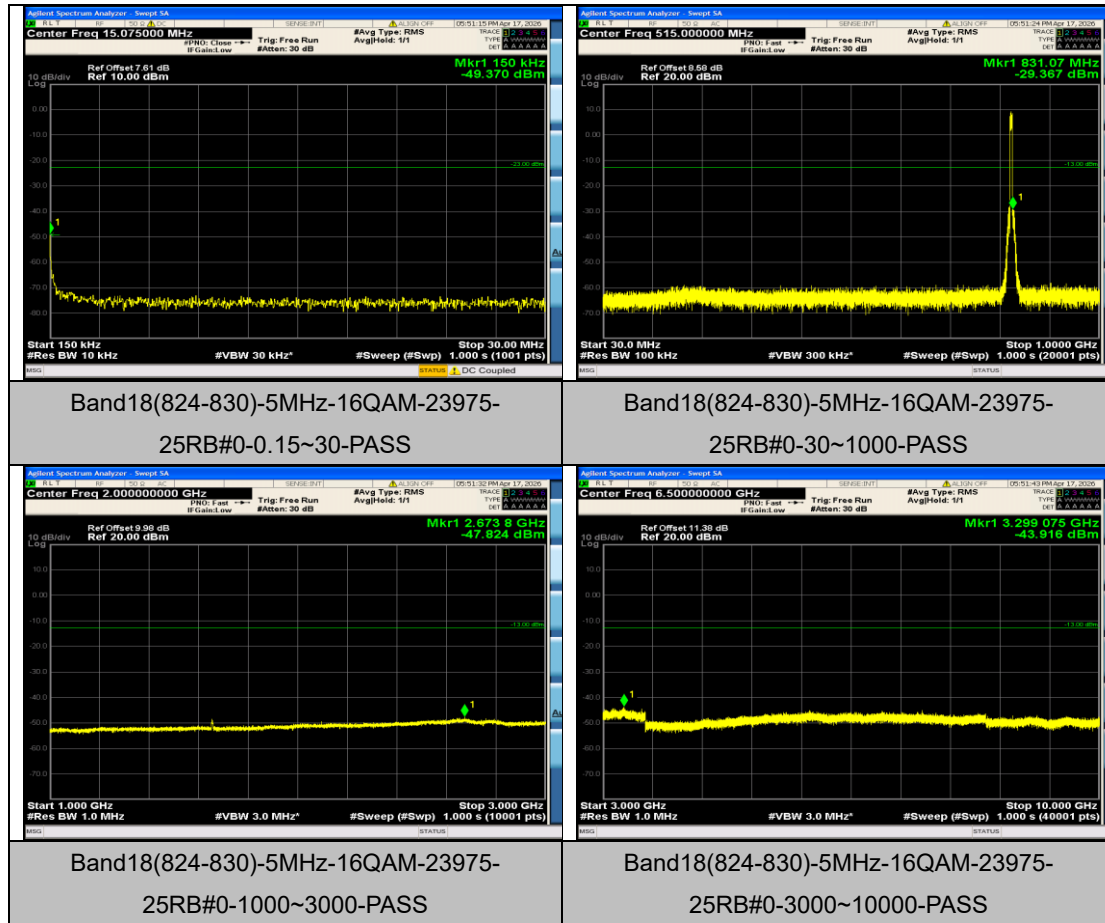
Test Graphs











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 (824-830)	5MHz	QPSK	23965	25RB#0	NV	-30	-6.12	-0.007405	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	-20	-6.98	-0.008445	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	-10	-5.12	-0.006195	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	0	-3.42	-0.004138	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	10	-7.27	-0.008796	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	20	-5.76	-0.006969	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	30	-6.77	-0.008191	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	40	-8.07	-0.009764	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	50	-2.55	-0.003085	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	-30	3.12	0.003775	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	-20	-7.28	-0.008808	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	-10	-6.09	-0.007368	±2.5	PASS
Band18	5MHz	16QAM	23965	25RB#0	NV	0	-5.35	-0.006473	±2.5	PASS

(824-830)										
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	10	-4.01	-0.004852	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	20	-9.08	-0.010986	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	30	-8.30	-0.010042	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	40	-10.61	-0.012837	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	50	-4.96	-0.006001	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	-30	-2.05	-0.002479	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	-20	-3.09	-0.003736	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	-10	-2.92	-0.003531	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	0	-5.26	-0.006360	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	10	-4.66	-0.005635	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	20	-5.11	-0.006179	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	30	-5.45	-0.006590	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	40	-6.94	-0.008392	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	50	-5.25	-0.006348	±2.5	PASS

830)										
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	-30	0.84	0.001016	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	-20	-6.15	-0.007437	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	-10	-9.10	-0.011004	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	0	-9.38	-0.011342	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	10	-3.06	-0.003700	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	20	-5.08	-0.006143	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	30	-4.98	-0.006022	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	40	-2.98	-0.003603	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	50	-6.12	-0.007400	±2.5	PASS
Band18 (824- 830)	5MHz	QPSK	23975	25RB#0	NV	-30	-4.76	-0.005752	±2.5	PASS
Band18 (824- 830)	5MHz	QPSK	23975	25RB#0	NV	-20	-13.16	-0.015903	±2.5	PASS
Band18 (824- 830)	5MHz	QPSK	23975	25RB#0	NV	-10	-6.51	-0.007867	±2.5	PASS
Band18 (824- 830)	5MHz	QPSK	23975	25RB#0	NV	0	2.82	0.003408	±2.5	PASS
Band18 (824- 830)	5MHz	QPSK	23975	25RB#0	NV	10	-5.89	-0.007118	±2.5	PASS

Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	20	1.66	0.002006	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	30	-6.35	-0.007674	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	40	-1.95	-0.002356	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	50	-9.24	-0.011166	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	-30	-8.53	-0.010308	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	-20	-4.58	-0.005535	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	-10	-6.47	-0.007819	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	0	-10.24	-0.012375	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	10	-2.69	-0.003251	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	20	-3.33	-0.004024	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	30	-4.85	-0.005861	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	40	-6.01	-0.007263	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	50	-3.93	-0.004749	±2.5	PASS