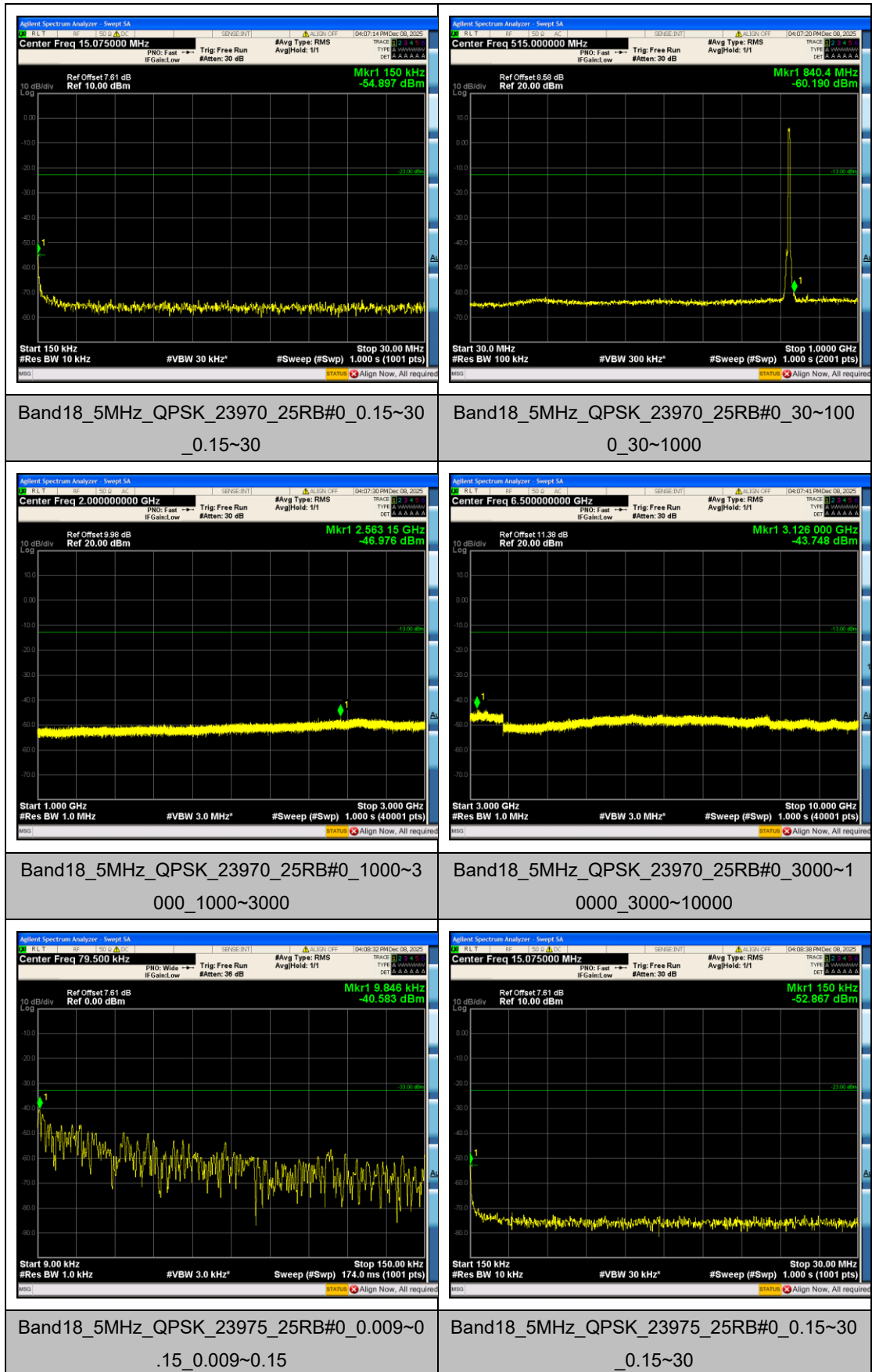
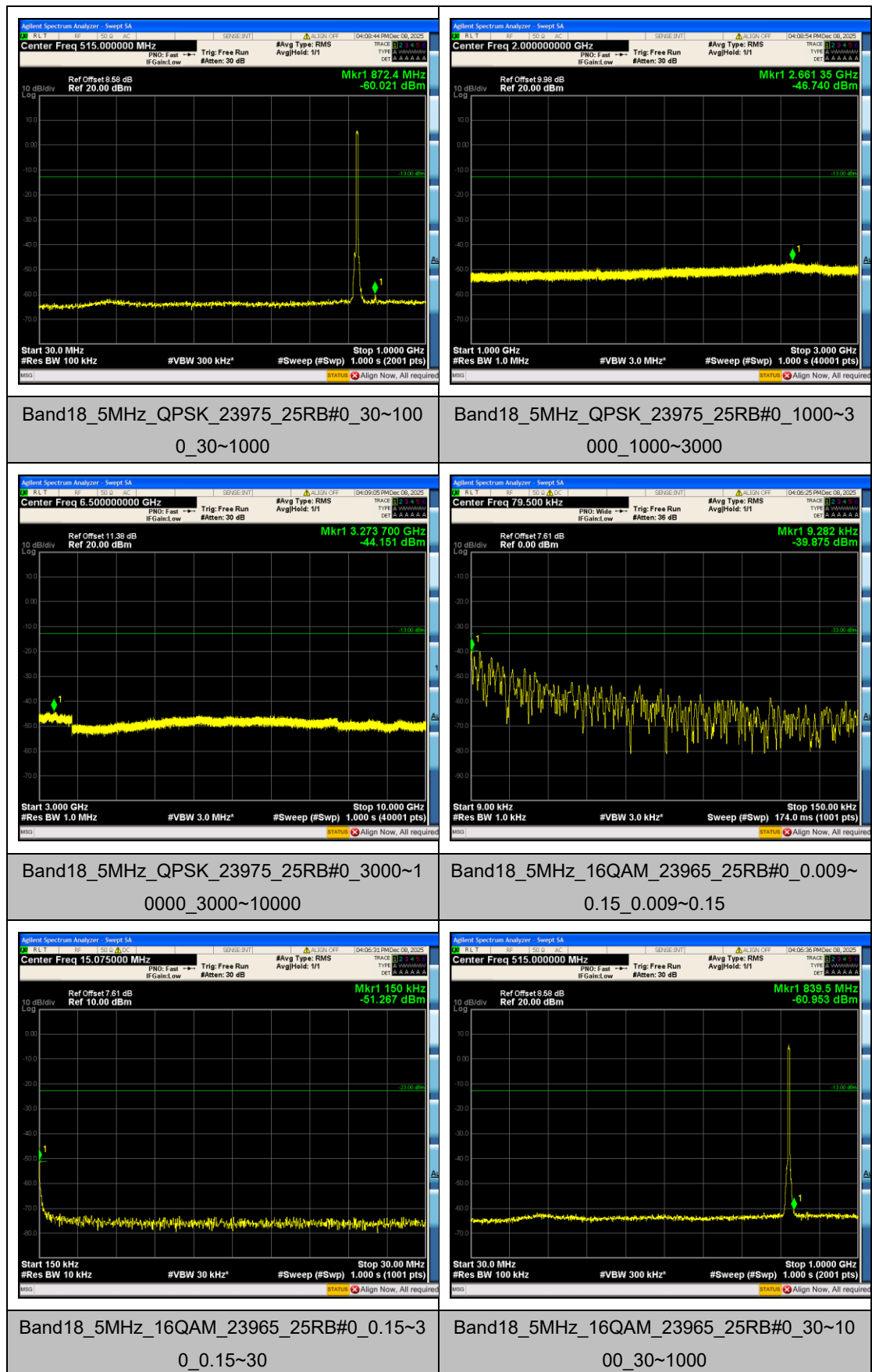
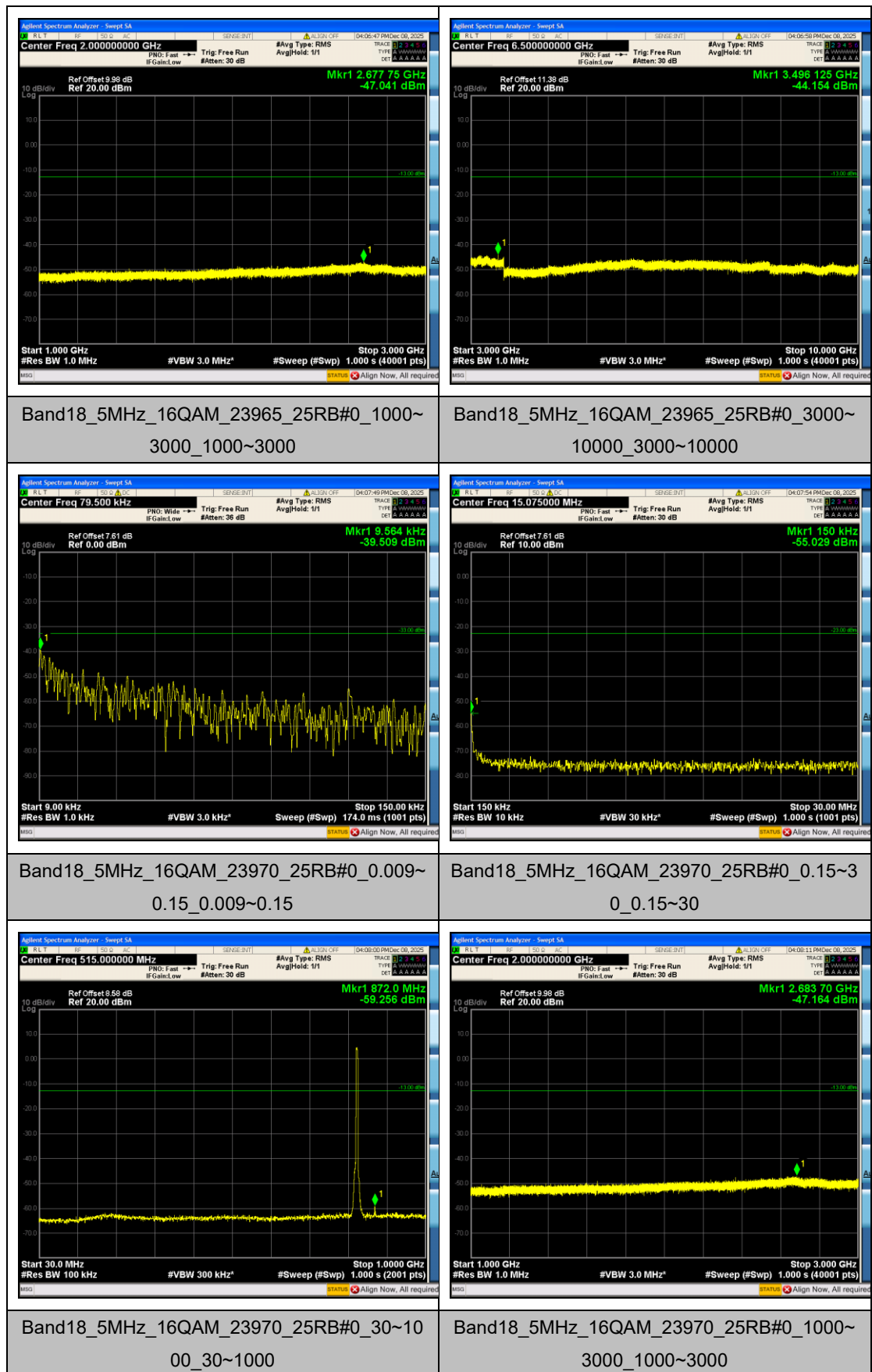
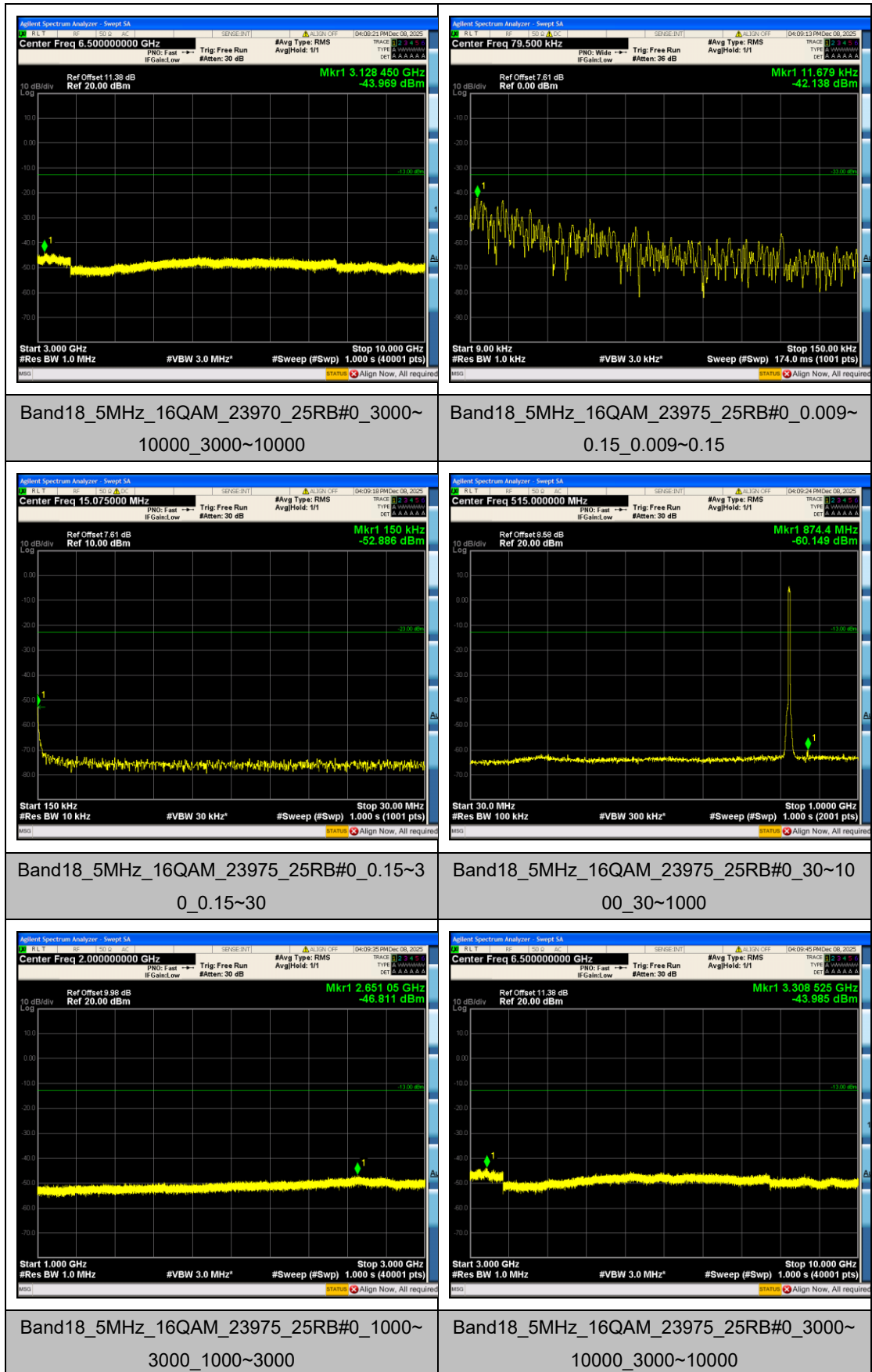










Appendix F: Frequency Stability

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	-3.28	-0.004012	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	-20	-4.46	-0.005456	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	-10	-5.09	-0.006226	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	0	-3.45	-0.004220	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	10	-3.92	-0.004795	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	20	-4.61	-0.005639	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	30	-3.75	-0.004587	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	40	-4.35	-0.005321	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23875	25RB#0	NV	50	-2.68	-0.003278	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	-30	-3.09	-0.003771	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	-20	-3.33	-0.004063	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	-10	-2.26	-0.002758	±2.5	PASS

Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	0	0.96	0.001171	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	10	-3.02	-0.003685	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	20	-3.19	-0.003893	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	30	1.67	0.002038	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	40	-4.49	-0.005479	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23895	25RB#0	NV	50	-2.16	-0.002636	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	-30	-3.28	-0.003993	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	-20	1.99	0.002422	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	-10	2.78	0.003384	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	0	-2.99	-0.003640	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	10	-3.92	-0.004772	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	20	-1.73	-0.002106	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	30	-3.40	-0.004139	±2.5	PASS
Band18 (815-824)	5MHz	QPSK	23915	25RB#0	NV	40	2.29	0.002788	±2.5	PASS
Band18	5MHz	QPSK	23915	25RB#0	NV	50	-2.60	-0.003165	±2.5	PASS

(815-824)										
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	-30	-3.32	-0.004061	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	-20	-3.33	-0.004073	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	-10	-2.05	-0.002508	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	0	-4.03	-0.004930	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	10	-5.08	-0.006214	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	20	-4.13	-0.005052	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	30	-3.76	-0.004599	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	40	-2.92	-0.003572	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23875	25RB#0	NV	50	-5.16	-0.006312	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23895	25RB#0	NV	-30	-2.00	-0.002441	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23895	25RB#0	NV	-20	2.17	0.002648	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23895	25RB#0	NV	-10	-3.08	-0.003758	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23895	25RB#0	NV	0	1.99	0.002428	±2.5	PASS
Band18 (815-824)	5MHz	16QAM	23895	25RB#0	NV	10	-2.57	-0.003136	±2.5	PASS

824)										
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	20	-3.76	-0.004588	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	30	-4.94	-0.006028	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	40	-2.68	-0.003270	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23895	25RB#0	NV	50	-2.46	-0.003002	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	-30	-1.72	-0.002094	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	-20	-4.02	-0.004893	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	-10	-3.39	-0.004127	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	0	-3.39	-0.004127	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	10	-2.05	-0.002495	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	20	-3.23	-0.003932	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	30	-2.66	-0.003238	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	40	-2.55	-0.003104	±2.5	PASS
Band18 (815- 824)	5MHz	16QAM	23915	25RB#0	NV	50	-2.59	-0.003153	±2.5	PASS
Band18 (824- 830)	5MHz	QPSK	23965	25RB#0	NV	-30	-2.49	-0.003013	±2.5	PASS

Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	-20	-1.90	-0.002299	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	-10	-5.92	-0.007163	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	0	-2.62	-0.003170	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	10	-5.82	-0.007042	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	20	-2.85	-0.003448	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	30	-4.26	-0.005154	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	40	-5.87	-0.007102	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23965	25RB#0	NV	50	2.20	0.002662	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	-30	-2.20	-0.002660	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	-20	-2.88	-0.003482	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	-10	-2.80	-0.003386	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	0	-2.45	-0.002963	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	10	-3.71	-0.004486	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	20	-1.85	-0.002237	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	30	2.32	0.002805	±2.5	PASS

(824-830)										
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	40	-1.82	-0.002201	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23970	25RB#0	NV	50	2.03	0.002455	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	-30	-4.09	-0.004943	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	-20	-3.85	-0.004653	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	-10	-2.27	-0.002743	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	0	1.77	0.002139	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	10	-2.62	-0.003166	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	20	2.25	0.002719	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	30	-2.59	-0.003130	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	40	-4.85	-0.005861	±2.5	PASS
Band18 (824-830)	5MHz	QPSK	23975	25RB#0	NV	50	1.30	0.001571	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	-30	-2.78	-0.003364	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	-20	-3.68	-0.004453	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23965	25RB#0	NV	-10	-3.81	-0.004610	±2.5	PASS

830)										
Band18 (824- 830)	5MHz	16QAM	23965	25RB#0	NV	0	-2.60	-0.003146	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23965	25RB#0	NV	10	-3.23	-0.003908	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23965	25RB#0	NV	20	-3.30	-0.003993	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23965	25RB#0	NV	30	-1.90	-0.002299	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23965	25RB#0	NV	40	-4.41	-0.005336	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23965	25RB#0	NV	50	-4.49	-0.005433	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	-30	-3.95	-0.004776	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	-20	-3.89	-0.004704	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	-10	-2.45	-0.002963	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	0	-1.42	-0.001717	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	10	-2.50	-0.003023	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	20	-2.98	-0.003603	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	30	2.55	0.003083	±2.5	PASS
Band18 (824- 830)	5MHz	16QAM	23970	25RB#0	NV	40	-4.06	-0.004909	±2.5	PASS

Band18 (824-830)	5MHz	16QAM	23970	25RB#0	NV	50	2.12	0.002563	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	-30	-2.12	-0.002562	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	-20	-2.63	-0.003178	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	-10	-2.37	-0.002864	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	0	-2.30	-0.002779	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	10	-2.57	-0.003106	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	20	-2.40	-0.002900	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	30	-2.88	-0.003480	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	40	-1.44	-0.001740	±2.5	PASS
Band18 (824-830)	5MHz	16QAM	23975	25RB#0	NV	50	-2.06	-0.002489	±2.5	PASS