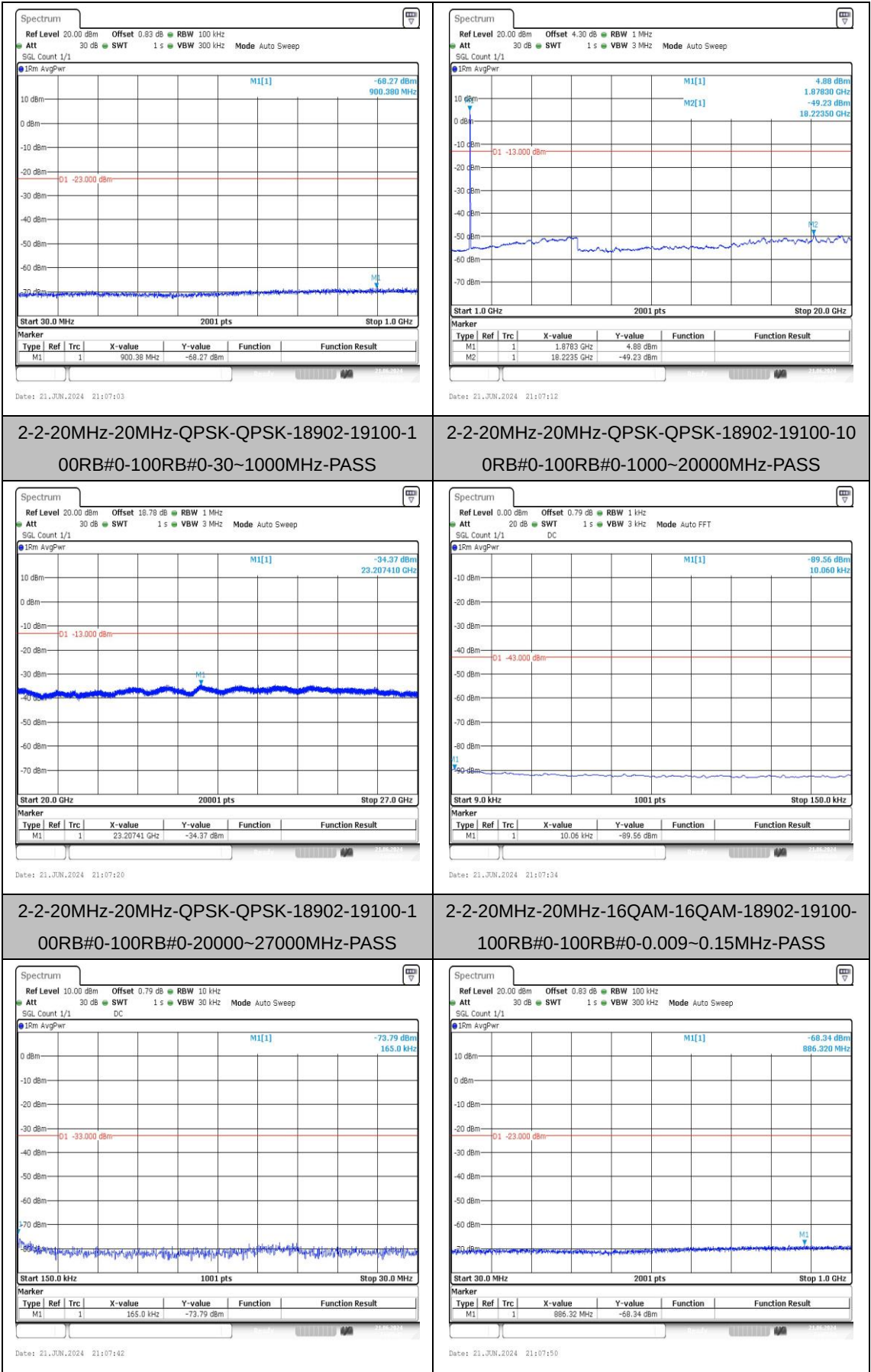
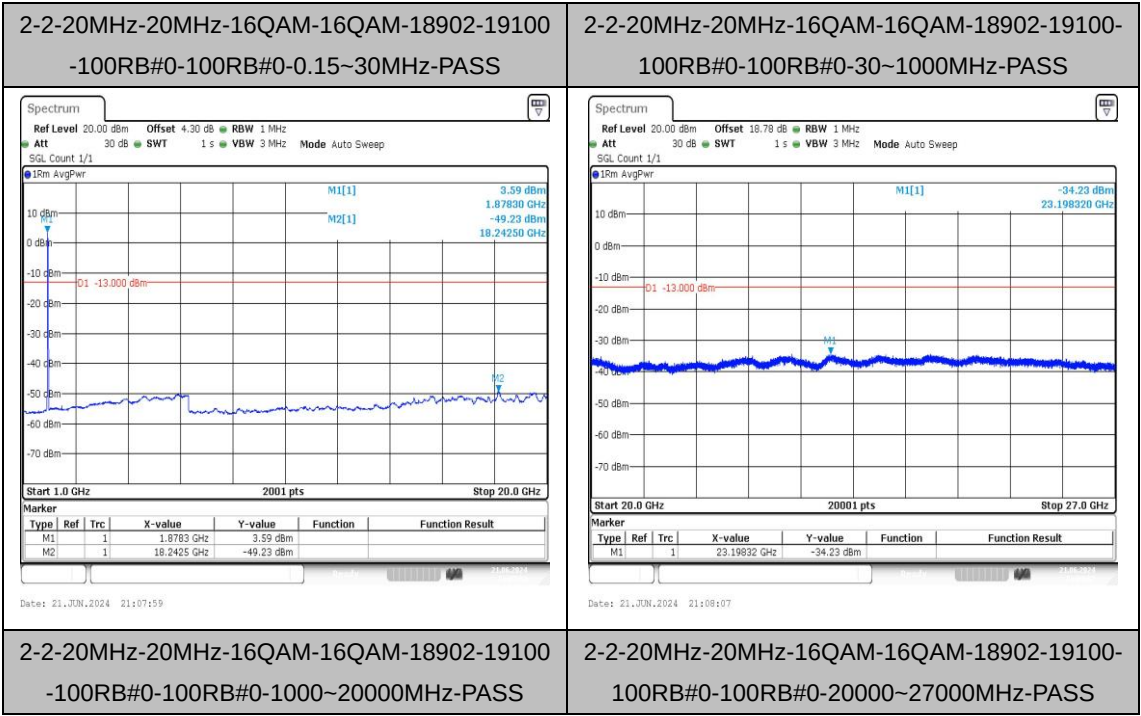






Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	VN	NT	49.95	0.026952	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	VL	NT	50.63	0.027319	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	VH	NT	50.78	0.027400	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	VN	NT	51.34	0.027702	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	VL	NT	53.43	0.028830	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18633-18750	25RB#0-100RB#0	VH	NT	53.42	0.028824	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	VN	NT	51.88	0.027731	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	VL	NT	50.93	0.027224	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18808-18925	25RB#0-100RB#0	VH	NT	52.56	0.028095	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	VN	NT	51.54	0.027550	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	VL	NT	50.84	0.027176	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18808-18925	25RB#0-100RB#0	VH	NT	52.76	0.028202	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	VN	NT	52.40	0.027750	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	VL	NT	54.00	0.028597	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18983-19100	25RB#0-100RB#0	VH	NT	50.85	0.026929	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	VN	NT	52.77	0.027946	±2.5	PASS
2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	VL	NT	53.57	0.028369	±2.5	PASS

2-2	5MHz-20MHz	16QAM-16QAM	18983-19100	25RB#0-100RB#0	VH	NT	51.57	0.027310	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	VN	NT	41.00	0.022099	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	VL	NT	38.78	0.020902	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18653-18773	50RB#0-75RB#0	VH	NT	37.39	0.020153	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	VN	NT	40.68	0.021926	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	VL	NT	40.50	0.021829	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18653-18773	50RB#0-75RB#0	VH	NT	39.02	0.021032	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	VN	NT	39.78	0.021240	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	VL	NT	41.34	0.022073	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	18829-18949	50RB#0-75RB#0	VH	NT	40.97	0.021875	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	VN	NT	40.01	0.021363	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	VL	NT	39.84	0.021272	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	18829-18949	50RB#0-75RB#0	VH	NT	41.06	0.021923	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	VN	NT	40.84	0.021603	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	VL	NT	41.97	0.022200	±2.5	PASS
2-2	10MHz-15MHz	QPSK-QPSK	19005-19125	50RB#0-75RB#0	VH	NT	41.04	0.021709	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	VN	NT	40.84	0.021603	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	VL	NT	41.81	0.022116	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-75RB#0	VH	NT	39.14	0.020704	±2.5	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	50RB#0-100RB#0	VN	NT	53.32	0.028736	±2.5	PASS
2-2	10MHz-20MHz	QPSK-QPSK	18655-18799	50RB#0-100RB#0	VL	NT	53.73	0.028957	±2.5	PASS

2-2	10MHz- 20MHz	QPSK-Q PSK	18655- 18799	50RB#0-1 00RB#0	VH	NT	50.13	0.027017	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	VN	NT	52.56	0.028327	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	VL	NT	53.56	0.028866	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	VH	NT	54.33	0.029281	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	VN	NT	52.57	0.028103	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	VL	NT	51.16	0.027350	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	VH	NT	53.93	0.028830	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	VN	NT	52.41	0.028018	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	VL	NT	51.64	0.027606	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	VH	NT	49.27	0.026339	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	VN	NT	54.10	0.028691	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	VL	NT	53.10	0.028161	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	VH	NT	55.19	0.029269	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	VN	NT	49.84	0.026432	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	VL	NT	52.83	0.028018	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	VH	NT	54.52	0.028914	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	VN	NT	28.00	0.015054	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	VL	NT	28.00	0.015054	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	VH	NT	27.31	0.014683	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	VN	NT	28.15	0.015134	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	VL	NT	26.61	0.014306	±2.5	PASS

2-2	20MHz-10MHz	16QAM-16QAM	18700-18844	100RB#0-50RB#0	VH	NT	27.91	0.015005	±2.5	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	VN	NT	29.65	0.015812	±2.5	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	VL	NT	25.99	0.013861	±2.5	PASS
2-2	20MHz-10MHz	QPSK-QPSK	18851-18995	100RB#0-50RB#0	VH	NT	26.95	0.014373	±2.5	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	VN	NT	26.65	0.014213	±2.5	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	VL	NT	31.01	0.016538	±2.5	PASS
2-2	20MHz-10MHz	16QAM-16QAM	18851-18995	100RB#0-50RB#0	VH	NT	24.08	0.012842	±2.5	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	VN	NT	27.25	0.014417	±2.5	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	VL	NT	26.56	0.014052	±2.5	PASS
2-2	20MHz-10MHz	QPSK-QPSK	19001-19145	100RB#0-50RB#0	VH	NT	27.54	0.014571	±2.5	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	VN	NT	28.64	0.015153	±2.5	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	VL	NT	28.11	0.014872	±2.5	PASS
2-2	20MHz-10MHz	16QAM-16QAM	19001-19145	100RB#0-50RB#0	VH	NT	26.19	0.013856	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	VN	NT	26.89	0.014476	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	VL	NT	28.31	0.015241	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18675-18795	75RB#0-50RB#0	VH	NT	26.35	0.014186	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	VN	NT	26.52	0.014277	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	VL	NT	24.70	0.013297	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18675-18795	75RB#0-50RB#0	VH	NT	27.39	0.014746	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	VN	NT	28.90	0.015413	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	VL	NT	28.17	0.015023	±2.5	PASS

2-2	15MHz-10MHz	QPSK-QPSK	18851-18971	75RB#0-50RB#0	VH	NT	27.72	0.014783	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	VN	NT	25.18	0.013429	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	VL	NT	25.46	0.013578	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	18851-18971	75RB#0-50RB#0	VH	NT	28.78	0.015349	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	VN	NT	26.91	0.014218	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	VL	NT	29.25	0.015454	±2.5	PASS
2-2	15MHz-10MHz	QPSK-QPSK	19027-19147	75RB#0-50RB#0	VH	NT	28.32	0.014963	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	VN	NT	26.12	0.013800	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	VL	NT	25.73	0.013594	±2.5	PASS
2-2	15MHz-10MHz	16QAM-16QAM	19027-19147	75RB#0-50RB#0	VH	NT	25.69	0.013573	±2.5	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	VN	NT	40.53	0.021820	±2.5	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	VL	NT	37.32	0.020092	±2.5	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18675-18825	75RB#0-75RB#0	VH	NT	41.13	0.022143	±2.5	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	VN	NT	40.56	0.021836	±2.5	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	VL	NT	41.23	0.022197	±2.5	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18675-18825	75RB#0-75RB#0	VH	NT	40.25	0.021669	±2.5	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	VN	NT	4.94	0.002638	±2.5	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	VL	NT	-2.43	-0.001298	±2.5	PASS
2-2	15MHz-15MHz	QPSK-QPSK	18825-18975	75RB#0-75RB#0	VH	NT	-4.26	-0.002275	±2.5	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	VN	NT	2.27	0.001212	±2.5	PASS
2-2	15MHz-15MHz	16QAM-16QAM	18825-18975	75RB#0-75RB#0	VL	NT	-3.82	-0.002040	±2.5	PASS

2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	VH	NT	-7.34	-0.003920	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	VN	NT	42.53	0.022532	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	VL	NT	42.90	0.022728	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	VH	NT	42.43	0.022479	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	VN	NT	40.47	0.021441	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	VL	NT	41.74	0.022114	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	VH	NT	43.06	0.022813	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	VN	NT	54.47	0.029320	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	VL	NT	53.46	0.028776	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	VH	NT	52.16	0.028076	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	VN	NT	53.69	0.028900	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	VL	NT	55.93	0.030106	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	VH	NT	52.16	0.028076	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	VN	NT	52.21	0.027915	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	VL	NT	52.71	0.028183	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	VH	NT	54.82	0.029311	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	VN	NT	53.37	0.028536	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	VL	NT	53.83	0.028781	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	VH	NT	52.17	0.027894	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	VN	NT	-5.55	-0.002948	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	VL	NT	-5.92	-0.003144	±2.5	PASS

2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	VH	NT	-1.73	-0.000919	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	VN	NT	-6.67	-0.003542	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	VL	NT	-4.05	-0.002151	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	VH	NT	-4.39	-0.002332	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18700- 18817	100RB#0- 25RB#0	VN	NT	18.15	0.009758	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18700- 18817	100RB#0- 25RB#0	VL	NT	16.42	0.008828	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18700- 18817	100RB#0- 25RB#0	VH	NT	12.13	0.006522	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	18700- 18817	100RB#0- 25RB#0	VN	NT	12.39	0.006661	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	18700- 18817	100RB#0- 25RB#0	VL	NT	11.99	0.006446	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	18700- 18817	100RB#0- 25RB#0	VH	NT	12.55	0.006747	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18875- 18992	100RB#0- 25RB#0	VN	NT	14.23	0.007579	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18875- 18992	100RB#0- 25RB#0	VL	NT	13.35	0.007111	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18875- 18992	100RB#0- 25RB#0	VH	NT	13.79	0.007345	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	18875- 18992	100RB#0- 25RB#0	VN	NT	11.26	0.005997	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	18875- 18992	100RB#0- 25RB#0	VL	NT	13.60	0.007244	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	18875- 18992	100RB#0- 25RB#0	VH	NT	12.10	0.006445	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	19050- 19167	100RB#0- 25RB#0	VN	NT	14.36	0.007578	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	19050- 19167	100RB#0- 25RB#0	VL	NT	15.11	0.007974	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	19050- 19167	100RB#0- 25RB#0	VH	NT	10.83	0.005715	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	19050- 19167	100RB#0- 25RB#0	VN	NT	14.06	0.007420	±2.5	PASS
2-2	20MHz- 5MHz	16QAM- 16QAM	19050- 19167	100RB#0- 25RB#0	VL	NT	13.95	0.007361	±2.5	PASS

2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	VH	NT	13.96	0.007367	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	VN	NT	39.50	0.021237	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	VL	NT	42.13	0.022651	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	VH	NT	38.94	0.020935	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	VN	NT	43.57	0.023425	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	VL	NT	43.62	0.023452	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	VH	NT	43.80	0.023548	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	VN	NT	41.24	0.022023	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	VL	NT	42.94	0.022931	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	VH	NT	40.78	0.021777	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	VN	NT	40.10	0.021414	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	VL	NT	40.57	0.021665	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18826-18997	100RB#0-75RB#0	VH	NT	41.06	0.021927	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	VN	NT	40.03	0.021235	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	VL	NT	39.42	0.020911	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18951-19122	100RB#0-75RB#0	VH	NT	41.41	0.021967	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	VN	NT	41.34	0.021930	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	VL	NT	40.67	0.021574	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18951-19122	100RB#0-75RB#0	VH	NT	41.23	0.021872	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	VN	NT	53.74	0.028892	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	VL	NT	57.32	0.030817	±2.5	PASS

2-2	20MHz-20MHz	QPSK-QPSK	18700-18898	100RB#0-100RB#0	VH	NT	53.07	0.028532	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	VN	NT	55.63	0.029909	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	VL	NT	55.90	0.030054	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18700-18898	100RB#0-100RB#0	VH	NT	54.60	0.029355	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VN	NT	56.19	0.030047	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VL	NT	55.29	0.029565	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18801-18999	100RB#0-100RB#0	VH	NT	56.12	0.030009	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VN	NT	55.86	0.029870	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VL	NT	55.09	0.029458	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18801-18999	100RB#0-100RB#0	VH	NT	55.73	0.029801	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	VN	NT	54.86	0.029178	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	VL	NT	55.36	0.029444	±2.5	PASS
2-2	20MHz-20MHz	QPSK-QPSK	18902-19100	100RB#0-100RB#0	VH	NT	54.06	0.028752	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	VN	NT	56.98	0.030305	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	VL	NT	57.54	0.030603	±2.5	PASS
2-2	20MHz-20MHz	16QAM-16QAM	18902-19100	100RB#0-100RB#0	VH	NT	56.25	0.029917	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	NV	-50	50.50	0.027249	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	NV	-30	50.07	0.027017	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-18750	25RB#0-100RB#0	NV	-20	52.77	0.028474	±2.5	PASS

	0MHz	PSK	18750	00RB#0						
2-2	5MHz-2 0MHz	QPSK-Q PSK	18633- 18750	25RB#0-1 00RB#0	NV	-10	48.95	0.026412	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18633- 18750	25RB#0-1 00RB#0	NV	0	52.31	0.028225	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18633- 18750	25RB#0-1 00RB#0	NV	10	51.38	0.027724	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18633- 18750	25RB#0-1 00RB#0	NV	20	50.90	0.027465	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18633- 18750	25RB#0-1 00RB#0	NV	30	51.05	0.027545	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	-50	50.63	0.027319	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	-30	54.47	0.029391	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	-20	51.76	0.027929	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	-10	52.43	0.028290	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	0	52.49	0.028322	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	10	52.26	0.028198	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	20	54.30	0.029299	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18633- 18750	25RB#0-1 00RB#0	NV	30	53.57	0.028905	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	-50	52.24	0.027924	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	-30	52.99	0.028325	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	-20	55.09	0.029447	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	-10	51.63	0.027598	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	0	52.50	0.028063	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	10	48.47	0.025909	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18808- 18925	25RB#0-1 00RB#0	NV	20	49.95	0.026700	±2.5	PASS
2-2	5MHz-2	QPSK-Q	18808-	25RB#0-1	NV	30	53.77	0.028742	±2.5	PASS

	0MHz	PSK	18925	00RB#0						
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	-50	51.64	0.027603	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	-30	51.57	0.027566	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	-20	54.42	0.029089	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	-10	52.66	0.028148	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	0	52.76	0.028202	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	10	53.56	0.028629	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	20	51.91	0.027747	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18808- 18925	25RB#0-1 00RB#0	NV	30	52.10	0.027849	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	-50	51.56	0.027305	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	-30	51.84	0.027453	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	-20	51.40	0.027220	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	-10	51.13	0.027077	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	0	53.16	0.028152	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	10	52.11	0.027596	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	20	50.18	0.026574	±2.5	PASS
2-2	5MHz-2 0MHz	QPSK-Q PSK	18983- 19100	25RB#0-1 00RB#0	NV	30	50.35	0.026664	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	-50	51.60	0.027326	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	-30	53.20	0.028173	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	-20	52.04	0.027559	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	-10	54.19	0.028698	±2.5	PASS
2-2	5MHz-2	16QAM-	18983-	25RB#0-1	NV	0	56.53	0.029937	±2.5	PASS

	0MHz	16QAM	19100	00RB#0						
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	10	53.67	0.028422	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	20	54.50	0.028862	±2.5	PASS
2-2	5MHz-2 0MHz	16QAM- 16QAM	18983- 19100	25RB#0-1 00RB#0	NV	30	55.19	0.029227	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	-50	39.80	0.021452	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	-30	39.12	0.021086	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	-20	42.54	0.022929	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	-10	39.83	0.021468	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	0	39.18	0.021118	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	10	38.81	0.020918	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	20	39.85	0.021479	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18653- 18773	50RB#0-7 5RB#0	NV	30	36.92	0.019900	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	-50	40.54	0.021851	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	-30	41.93	0.022600	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	-20	42.36	0.022832	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	-10	41.11	0.022158	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	0	40.05	0.021587	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	10	41.86	0.022562	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	20	42.03	0.022654	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18653- 18773	50RB#0-7 5RB#0	NV	30	41.63	0.022438	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	-50	41.41	0.022110	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q	18829-	50RB#0-7	NV	-30	38.64	0.020631	±2.5	PASS

	15MHz	PSK	18949	5RB#0						
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	-20	39.71	0.021202	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	-10	40.04	0.021379	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	0	41.46	0.022137	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	10	41.64	0.022233	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	20	43.92	0.023450	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	18829- 18949	50RB#0-7 5RB#0	NV	30	42.46	0.022671	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	-50	39.95	0.021331	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	-30	39.38	0.021026	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	-20	39.61	0.021149	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	-10	41.86	0.022350	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	0	38.50	0.020556	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	10	38.28	0.020439	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	20	37.55	0.020049	±2.5	PASS
2-2	10MHz- 15MHz	16QAM- 16QAM	18829- 18949	50RB#0-7 5RB#0	NV	30	39.50	0.021090	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	19005- 19125	50RB#0-7 5RB#0	NV	-50	42.36	0.022407	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	19005- 19125	50RB#0-7 5RB#0	NV	-30	37.91	0.020053	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	19005- 19125	50RB#0-7 5RB#0	NV	-20	41.16	0.021772	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	19005- 19125	50RB#0-7 5RB#0	NV	-10	41.80	0.022111	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	19005- 19125	50RB#0-7 5RB#0	NV	0	42.20	0.022322	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q PSK	19005- 19125	50RB#0-7 5RB#0	NV	10	40.38	0.021359	±2.5	PASS
2-2	10MHz- 15MHz	QPSK-Q	19005-	50RB#0-7	NV	20	42.16	0.022301	±2.5	PASS

	15MHz	PSK	19125	5RB#0						
2-2	10MHz-15MHz	QPSK-Q PSK	19005-19125	50RB#0-7 5RB#0	NV	30	41.67	0.022042	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	-50	41.54	0.021973	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	-30	40.74	0.021550	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	-20	39.04	0.020651	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	-10	40.78	0.021571	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	0	42.40	0.022428	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	10	43.39	0.022952	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	20	40.78	0.021571	±2.5	PASS
2-2	10MHz-15MHz	16QAM-16QAM	19005-19125	50RB#0-7 5RB#0	NV	30	38.84	0.020545	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	-50	51.83	0.027933	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	-30	51.68	0.027852	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	-20	52.73	0.028418	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	-10	49.18	0.026505	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	0	48.91	0.026359	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	10	52.79	0.028451	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	20	52.40	0.028240	±2.5	PASS
2-2	10MHz-20MHz	QPSK-Q PSK	18655-18799	50RB#0-1 00RB#0	NV	30	49.72	0.026796	±2.5	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-1 00RB#0	NV	-50	55.07	0.029679	±2.5	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-1 00RB#0	NV	-30	54.49	0.029367	±2.5	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-1 00RB#0	NV	-20	54.80	0.029534	±2.5	PASS
2-2	10MHz-20MHz	16QAM-16QAM	18655-18799	50RB#0-1 00RB#0	NV	-10	53.22	0.028682	±2.5	PASS

	20MHz	16QAM	18799	00RB#0						
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	NV	0	54.19	0.029205	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	NV	10	53.17	0.028655	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	NV	20	54.97	0.029625	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18655- 18799	50RB#0-1 00RB#0	NV	30	54.14	0.029178	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	-50	54.46	0.029114	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	-30	53.64	0.028675	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	-20	55.13	0.029472	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	-10	50.38	0.026933	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	0	50.78	0.027146	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	10	52.17	0.027889	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	20	50.95	0.027237	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18806- 18950	50RB#0-1 00RB#0	NV	30	52.07	0.027836	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	-50	49.58	0.026505	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	-30	53.52	0.028611	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	-20	53.39	0.028542	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	-10	54.79	0.029290	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	0	53.56	0.028633	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	10	53.00	0.028333	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	20	50.33	0.026906	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18806- 18950	50RB#0-1 00RB#0	NV	30	53.33	0.028510	±2.5	PASS
2-2	10MHz-	QPSK-Q	18956-	50RB#0-1	NV	-50	54.90	0.029115	±2.5	PASS

	20MHz	PSK	19100	00RB#0						
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	-30	55.70	0.029540	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	-20	55.07	0.029206	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	-10	56.48	0.029953	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	0	54.45	0.028877	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	10	53.69	0.028474	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	20	56.00	0.029699	±2.5	PASS
2-2	10MHz- 20MHz	QPSK-Q PSK	18956- 19100	50RB#0-1 00RB#0	NV	30	52.47	0.027827	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	-50	52.73	0.027965	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	-30	52.06	0.027609	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	-20	52.24	0.027705	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	-10	52.08	0.027620	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	0	54.62	0.028967	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	10	54.22	0.028755	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	20	53.44	0.028341	±2.5	PASS
2-2	10MHz- 20MHz	16QAM- 16QAM	18956- 19100	50RB#0-1 00RB#0	NV	30	52.47	0.027827	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	-50	28.68	0.015419	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	-30	27.11	0.014575	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	-20	26.45	0.014220	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	-10	27.37	0.014715	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	0	27.14	0.014591	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	10	25.99	0.013973	±2.5	PASS

	10MHz	PSK	18844	50RB#0						
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	20	25.26	0.013581	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18700- 18844	100RB#0- 50RB#0	NV	30	27.08	0.014559	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	-50	27.44	0.014753	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	-30	26.11	0.014038	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	-20	26.46	0.014226	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	-10	26.16	0.014065	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	0	27.97	0.015038	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	10	29.27	0.015737	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	20	29.25	0.015726	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18700- 18844	100RB#0- 50RB#0	NV	30	27.54	0.014806	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	-50	27.49	0.014661	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	-30	26.79	0.014287	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	-20	26.48	0.014122	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	-10	25.92	0.013823	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	0	25.43	0.013562	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	10	26.55	0.014159	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	20	24.66	0.013151	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	18851- 18995	100RB#0- 50RB#0	NV	30	26.95	0.014373	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	-50	25.62	0.013663	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	-30	25.16	0.013418	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	-20	26.98	0.014389	±2.5	PASS

	10MHz	16QAM	18995	50RB#0						
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	-10	28.61	0.015258	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	0	27.24	0.014527	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	10	28.80	0.015359	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	20	28.48	0.015189	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	18851- 18995	100RB#0- 50RB#0	NV	30	26.35	0.014053	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	-50	26.56	0.014052	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	-30	25.91	0.013708	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	-20	28.72	0.015195	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	-10	27.32	0.014454	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	0	30.04	0.015893	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	10	26.95	0.014259	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	20	25.59	0.013539	±2.5	PASS
2-2	20MHz- 10MHz	QPSK-Q PSK	19001- 19145	100RB#0- 50RB#0	NV	30	30.28	0.016020	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	-50	29.65	0.015687	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	-30	30.30	0.016031	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	-20	27.52	0.014560	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	-10	27.42	0.014507	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	0	28.14	0.014888	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	10	26.08	0.013798	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	20	26.14	0.013830	±2.5	PASS
2-2	20MHz- 10MHz	16QAM- 16QAM	19001- 19145	100RB#0- 50RB#0	NV	30	26.08	0.013798	±2.5	PASS

	10MHz	16QAM	19145	50RB#0						
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	-50	24.85	0.013378	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	-30	25.85	0.013917	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	-20	25.73	0.013852	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	-10	25.84	0.013911	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	0	25.75	0.013863	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	10	27.81	0.014972	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	20	26.42	0.014223	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18675- 18795	75RB#0-5 0RB#0	NV	30	26.04	0.014019	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	-50	27.47	0.014789	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	-30	26.81	0.014433	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	-20	28.41	0.015295	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	-10	26.41	0.014218	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	0	28.54	0.015365	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	10	26.42	0.014223	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	20	28.60	0.015397	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18675- 18795	75RB#0-5 0RB#0	NV	30	28.85	0.015532	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	-50	29.45	0.015706	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	-30	27.08	0.014442	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	-20	26.94	0.014367	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	-10	28.85	0.015386	±2.5	PASS
2-2	15MHz-	QPSK-Q	18851-	75RB#0-5	NV	0	25.96	0.013845	±2.5	PASS

	10MHz	PSK	18971	0RB#0						
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	10	29.04	0.015487	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	20	27.87	0.014863	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	18851- 18971	75RB#0-5 0RB#0	NV	30	25.11	0.013391	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	-50	28.72	0.015317	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	-30	25.51	0.013605	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	-20	26.04	0.013887	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	-10	25.63	0.013669	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	0	28.92	0.015423	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	10	26.11	0.013925	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	20	24.25	0.012933	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	18851- 18971	75RB#0-5 0RB#0	NV	30	27.28	0.014549	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	-50	23.57	0.012453	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	-30	27.14	0.014339	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	-20	29.23	0.015444	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	-10	27.07	0.014302	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	0	29.83	0.015761	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	10	28.11	0.014852	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	20	25.15	0.013288	±2.5	PASS
2-2	15MHz- 10MHz	QPSK-Q PSK	19027- 19147	75RB#0-5 0RB#0	NV	30	26.62	0.014065	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	-50	24.95	0.013182	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	-30	24.78	0.013092	±2.5	PASS

	10MHz	16QAM	19147	0RB#0						
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	-20	29.00	0.015322	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	-10	28.77	0.015201	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	0	26.99	0.014260	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	10	29.81	0.015750	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	20	28.07	0.014831	±2.5	PASS
2-2	15MHz- 10MHz	16QAM- 16QAM	19027- 19147	75RB#0-5 0RB#0	NV	30	27.78	0.014677	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	-50	42.16	0.022697	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	-30	39.80	0.021427	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	-20	41.79	0.022498	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	-10	39.87	0.021464	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	0	40.01	0.021540	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	10	42.99	0.023144	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	20	44.40	0.023903	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18675- 18825	75RB#0-7 5RB#0	NV	30	38.24	0.020587	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	-50	38.77	0.020872	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	-30	41.53	0.022358	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	-20	42.69	0.022983	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	-10	40.94	0.022040	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	0	43.30	0.023311	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	10	41.86	0.022536	±2.5	PASS
2-2	15MHz-	16QAM-	18675-	75RB#0-7	NV	20	41.28	0.022223	±2.5	PASS

	15MHz	16QAM	18825	5RB#0						
2-2	15MHz- 15MHz	16QAM- 16QAM	18675- 18825	75RB#0-7 5RB#0	NV	30	43.50	0.023419	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	-50	-4.68	-0.002499	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	-30	-4.21	-0.002248	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	-20	-3.73	-0.001992	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	-10	-6.35	-0.003391	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	0	-3.72	-0.001987	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	10	-3.62	-0.001933	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	20	-6.02	-0.003215	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18825- 18975	75RB#0-7 5RB#0	NV	30	-4.99	-0.002665	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	-50	2.47	0.001319	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	-30	-6.32	-0.003375	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	-20	-3.66	-0.001955	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	-10	-3.18	-0.001698	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	0	-2.72	-0.001453	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	10	-3.06	-0.001634	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	20	-2.83	-0.001511	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18825- 18975	75RB#0-7 5RB#0	NV	30	-2.79	-0.001490	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	-50	43.22	0.022898	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	-30	42.92	0.022739	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	-20	41.67	0.022077	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q	18975-	75RB#0-7	NV	-10	41.64	0.022061	±2.5	PASS

	15MHz	PSK	19125	5RB#0						
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	0	42.83	0.022691	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	10	40.96	0.021701	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	20	41.27	0.021865	±2.5	PASS
2-2	15MHz- 15MHz	QPSK-Q PSK	18975- 19125	75RB#0-7 5RB#0	NV	30	42.01	0.022257	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	-50	41.64	0.022061	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	-30	41.83	0.022162	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	-20	41.56	0.022019	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	-10	41.83	0.022162	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	0	43.66	0.023131	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	10	43.09	0.022829	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	20	41.63	0.022056	±2.5	PASS
2-2	15MHz- 15MHz	16QAM- 16QAM	18975- 19125	75RB#0-7 5RB#0	NV	30	43.14	0.022856	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	-50	53.44	0.028765	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	-30	52.33	0.028168	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	-20	52.37	0.028189	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	-10	53.93	0.029029	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	0	53.79	0.028954	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	10	53.17	0.028620	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	20	54.46	0.029314	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18678- 18849	75RB#0-1 00RB#0	NV	30	54.72	0.029454	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	-50	53.19	0.028631	±2.5	PASS

	20MHz	16QAM	18849	00RB#0						
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	-30	53.60	0.028851	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	-20	55.62	0.029939	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	-10	55.70	0.029982	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	0	54.63	0.029406	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	10	55.00	0.029605	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	20	52.33	0.028168	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18678- 18849	75RB#0-1 00RB#0	NV	30	54.12	0.029131	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	-50	53.93	0.028835	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	-30	53.06	0.028370	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	-20	54.04	0.028894	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	-10	55.29	0.029562	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	0	53.73	0.028728	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	10	54.75	0.029273	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	20	53.22	0.028455	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18803- 18974	75RB#0-1 00RB#0	NV	30	53.27	0.028482	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	-50	56.09	0.029990	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	-30	54.77	0.029284	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	-20	54.60	0.029193	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	-10	55.86	0.029867	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	0	55.89	0.029883	±2.5	PASS
2-2	15MHz-	16QAM-	18803-	75RB#0-1	NV	10	55.62	0.029739	±2.5	PASS

	20MHz	16QAM	18974	00RB#0						
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	20	52.71	0.028183	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18803- 18974	75RB#0-1 00RB#0	NV	30	51.11	0.027327	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	-50	-5.05	-0.002682	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	-30	-5.66	-0.003006	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	-20	-6.12	-0.003250	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	-10	-6.27	-0.003330	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	0	-6.24	-0.003314	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	10	-3.82	-0.002029	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	20	-6.94	-0.003686	±2.5	PASS
2-2	15MHz- 20MHz	QPSK-Q PSK	18929- 19100	75RB#0-1 00RB#0	NV	30	-4.33	-0.002300	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	-50	-2.36	-0.001253	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	-30	-4.91	-0.002608	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	-20	-4.25	-0.002257	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	-10	-2.50	-0.001328	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	0	-5.09	-0.002703	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	10	-3.88	-0.002061	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	20	-3.91	-0.002077	±2.5	PASS
2-2	15MHz- 20MHz	16QAM- 16QAM	18929- 19100	75RB#0-1 00RB#0	NV	30	-4.62	-0.002454	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18700- 18817	100RB#0- 25RB#0	NV	-50	15.38	0.008269	±2.5	PASS
2-2	20MHz- 5MHz	QPSK-Q PSK	18700- 18817	100RB#0- 25RB#0	NV	-30	13.36	0.007183	±2.5	PASS
2-2	20MHz-	QPSK-Q	18700-	100RB#0-	NV	-20	12.96	0.006968	±2.5	PASS

	5MHz	PSK	18817	25RB#0						
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	NV	-10	12.00	0.006452	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	NV	0	14.29	0.007683	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	NV	10	12.16	0.006538	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	NV	20	14.31	0.007694	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18700-18817	100RB#0-25RB#0	NV	30	15.42	0.008290	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	-50	13.33	0.007167	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	-30	14.75	0.007930	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	-20	15.64	0.008409	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	-10	15.34	0.008247	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	0	15.12	0.008129	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	10	14.68	0.007892	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	20	12.76	0.006860	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18700-18817	100RB#0-25RB#0	NV	30	14.08	0.007570	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	-50	13.98	0.007446	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	-30	13.02	0.006935	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	-20	15.38	0.008192	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	-10	15.09	0.008037	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	0	13.68	0.007286	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	10	12.76	0.006796	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	20	15.56	0.008288	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	18875-18992	100RB#0-25RB#0	NV	30	15.94	0.008490	±2.5	PASS

	5MHz	PSK	18992	25RB#0						
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	-50	15.03	0.008005	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	-30	12.55	0.006684	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	-20	14.68	0.007819	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	-10	13.95	0.007430	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	0	14.95	0.007963	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	10	11.43	0.006088	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	20	15.02	0.008000	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	18875-18992	100RB#0-25RB#0	NV	30	13.10	0.006977	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	-50	12.99	0.006855	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	-30	14.02	0.007398	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	-20	11.96	0.006311	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	-10	12.79	0.006749	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	0	13.55	0.007150	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	10	15.62	0.008243	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	20	13.55	0.007150	±2.5	PASS
2-2	20MHz-5MHz	QPSK-QPSK	19050-19167	100RB#0-25RB#0	NV	30	13.09	0.006908	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	-50	13.18	0.006955	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	-30	12.10	0.006385	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	-20	14.28	0.007536	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	-10	15.08	0.007958	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	0	12.79	0.006749	±2.5	PASS

	5MHz	16QAM	19167	25RB#0						
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	10	14.48	0.007641	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	20	14.23	0.007509	±2.5	PASS
2-2	20MHz-5MHz	16QAM-16QAM	19050-19167	100RB#0-25RB#0	NV	30	12.03	0.006348	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	-50	42.70	0.022957	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	-30	40.87	0.021973	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	-20	39.40	0.021183	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	-10	39.14	0.021043	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	0	42.89	0.023059	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	10	39.68	0.021333	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	20	39.04	0.020989	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18700-18871	100RB#0-75RB#0	NV	30	41.38	0.022247	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	-50	38.91	0.020919	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	-30	45.91	0.024683	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	-20	40.34	0.021688	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	-10	40.15	0.021586	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	0	41.66	0.022398	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	10	40.87	0.021973	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	20	39.05	0.020995	±2.5	PASS
2-2	20MHz-15MHz	16QAM-16QAM	18700-18871	100RB#0-75RB#0	NV	30	42.14	0.022656	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	NV	-50	40.94	0.021863	±2.5	PASS
2-2	20MHz-15MHz	QPSK-QPSK	18826-18997	100RB#0-75RB#0	NV	-30	41.76	0.022301	±2.5	PASS

	15MHz	PSK	18997	75RB#0						
2-2	20MHz- 15MHz	QPSK-Q PSK	18826- 18997	100RB#0- 75RB#0	NV	-20	38.71	0.020672	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18826- 18997	100RB#0- 75RB#0	NV	-10	44.07	0.023534	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18826- 18997	100RB#0- 75RB#0	NV	0	41.47	0.022146	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18826- 18997	100RB#0- 75RB#0	NV	10	41.74	0.022290	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18826- 18997	100RB#0- 75RB#0	NV	20	41.66	0.022247	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18826- 18997	100RB#0- 75RB#0	NV	30	39.73	0.021216	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	-50	40.98	0.021884	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	-30	39.90	0.021307	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	-20	40.10	0.021414	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	-10	41.17	0.021985	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	0	43.36	0.023155	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	10	42.74	0.022824	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	20	42.82	0.022867	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18826- 18997	100RB#0- 75RB#0	NV	30	43.47	0.023214	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	-50	39.47	0.020938	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	-30	41.54	0.022036	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	-20	41.37	0.021946	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	-10	41.03	0.021765	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	0	41.41	0.021967	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	10	41.64	0.022089	±2.5	PASS
2-2	20MHz- 15MHz	QPSK-Q	18951-	100RB#0-	NV	20	42.01	0.022285	±2.5	PASS

	15MHz	PSK	19122	75RB#0						
2-2	20MHz- 15MHz	QPSK-Q PSK	18951- 19122	100RB#0- 75RB#0	NV	30	41.69	0.022116	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	-50	42.74	0.022673	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	-30	41.54	0.022036	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	-20	41.76	0.022153	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	-10	45.05	0.023898	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	0	41.16	0.021834	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	10	41.33	0.021925	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	20	42.09	0.022328	±2.5	PASS
2-2	20MHz- 15MHz	16QAM- 16QAM	18951- 19122	100RB#0- 75RB#0	NV	30	42.59	0.022593	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	-50	54.86	0.029495	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	-30	53.23	0.028618	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	-20	53.44	0.028731	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	-10	54.16	0.029118	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	0	56.20	0.030215	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	10	54.35	0.029220	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	20	56.62	0.030441	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18700- 18898	100RB#0- 100RB#0	NV	30	54.45	0.029274	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	-50	53.99	0.029027	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	-30	55.25	0.029704	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	-20	56.26	0.030247	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	-10	55.30	0.029731	±2.5	PASS

	20MHz	16QAM	18898	100RB#0						
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	0	55.92	0.030065	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	10	55.73	0.029962	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	20	55.65	0.029919	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18700- 18898	100RB#0- 100RB#0	NV	30	54.53	0.029317	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	-50	56.30	0.030105	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	-30	57.12	0.030544	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	-20	57.15	0.030560	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	-10	56.06	0.029977	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	0	55.68	0.029774	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	10	55.82	0.029849	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	20	54.72	0.029260	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18801- 18999	100RB#0- 100RB#0	NV	30	56.82	0.030383	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	-50	54.80	0.029303	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	-30	55.82	0.029849	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	-20	55.42	0.029635	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	-10	52.87	0.028271	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	0	55.38	0.029613	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	10	56.43	0.030175	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	20	55.99	0.029940	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18801- 18999	100RB#0- 100RB#0	NV	30	56.91	0.030432	±2.5	PASS
2-2	20MHz-	QPSK-Q	18902-	100RB#0-	NV	-50	56.52	0.030061	±2.5	PASS

	20MHz	PSK	19100	100RB#0						
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	-30	56.66	0.030135	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	-20	56.29	0.029938	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	-10	55.59	0.029566	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	0	54.97	0.029236	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	10	56.42	0.030007	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	20	54.20	0.028827	±2.5	PASS
2-2	20MHz- 20MHz	QPSK-Q PSK	18902- 19100	100RB#0- 100RB#0	NV	30	55.60	0.029571	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	-50	55.36	0.029444	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	-30	53.96	0.028699	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	-20	54.16	0.028805	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	-10	57.72	0.030699	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	0	56.92	0.030273	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	10	54.99	0.029247	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	20	56.26	0.029922	±2.5	PASS
2-2	20MHz- 20MHz	16QAM- 16QAM	18902- 19100	100RB#0- 100RB#0	NV	30	57.02	0.030327	±2.5	PASS