















































## Appendix F: Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
42(3450-3550)	5MHz	QPSK	42115	25RB#0	VN	NT	-15.45	-0.004475	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	VL	NT	-8.74	-0.002531	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	VH	NT	-6.41	-0.001857	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	VN	NT	-6.22	-0.001802	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	VL	NT	-10.21	-0.002957	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	VH	NT	-10.37	-0.003004	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	VN	NT	-16.14	-0.004611	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	VL	NT	4.09	0.001169	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	VH	NT	-7.31	-0.002089	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	VN	NT	-17.81	-0.005089	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	VL	NT	-11.60	-0.003314	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	VH	NT	-2.50	-0.000714	±2.5	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	VN	NT	4.65	0.001311	±2.5	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	VL	NT	-16.77	-0.004727	±2.5	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	VH	NT	-12.96	-0.003653	±2.5	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	VN	NT	-18.01	-0.005077	±2.5	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	VL	NT	-7.50	-0.002114	±2.5	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	VH	NT	-11.54	-0.003253	±2.5	PASS

-3550)										
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	VN	NT	-21.83	-0.006318	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	VL	NT	-24.49	-0.007088	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	VH	NT	-18.90	-0.005470	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	VN	NT	-34.43	-0.009965	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	VL	NT	-27.47	-0.007951	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	VH	NT	-16.77	-0.004854	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	VN	NT	-16.19	-0.004626	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	VL	NT	-6.12	-0.001749	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	VH	NT	-9.87	-0.002820	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	VN	NT	-11.62	-0.003320	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	VL	NT	-10.10	-0.002886	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	VH	NT	-5.36	-0.001531	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	VN	NT	-14.76	-0.004164	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	VL	NT	-17.08	-0.004818	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	VH	NT	-15.16	-0.004276	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	VN	NT	-17.17	-0.004843	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	VL	NT	-6.39	-0.001803	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	VH	NT	-17.64	-0.004976	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	VN	NT	-6.45	-0.001866	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	VL	NT	-4.75	-0.001374	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	VH	NT	-5.41	-0.001565	±2.5	PASS

-3550)										
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	VN	NT	-13.88	-0.004014	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	VL	NT	6.18	0.001787	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	VH	NT	-19.15	-0.005539	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	VN	NT	-14.26	-0.004074	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	VL	NT	3.28	0.000937	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	VH	NT	-6.98	-0.001994	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	VN	NT	-21.87	-0.006249	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	VL	NT	3.48	0.000994	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	VH	NT	-9.37	-0.002677	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	VN	NT	-14.75	-0.004164	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	VL	NT	-5.31	-0.001499	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	VH	NT	-17.05	-0.004813	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	VN	NT	-4.18	-0.001180	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	VL	NT	3.45	0.000974	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	VH	NT	-11.63	-0.003283	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	VN	NT	-16.28	-0.004705	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	VL	NT	6.88	0.001988	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	VH	NT	-12.06	-0.003486	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	VN	NT	-20.74	-0.005994	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	VL	NT	-6.11	-0.001766	±2.5	PASS
42(3450	20MHz	16QAM	42190	100RB#0	VH	NT	-11.16	-0.003225	±2.5	PASS



-3550)										
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	VN	NT	-19.86	-0.005674	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	VL	NT	-12.49	-0.003569	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	VH	NT	-6.11	-0.001746	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	VN	NT	-5.89	-0.001683	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	VL	NT	-7.95	-0.002271	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	VH	NT	-3.79	-0.001083	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	VN	NT	-7.38	-0.002085	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	VL	NT	-9.37	-0.002647	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	VH	NT	-5.94	-0.001678	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	VN	NT	-12.80	-0.003616	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	VL	NT	-17.47	-0.004935	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	VH	NT	-12.76	-0.003605	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	-30	-10.76	-0.003117	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	-20	-14.03	-0.004064	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	-10	6.24	0.001807	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	0	-11.36	-0.003290	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	10	-17.22	-0.004988	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	20	-7.12	-0.002062	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	30	-13.30	-0.003852	±2.5	PASS

-3550)										
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	40	-5.38	-0.001558	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	50	-14.55	-0.004214	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	-30	-10.73	-0.003108	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	-20	-8.55	-0.002476	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	-10	-9.01	-0.002610	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	0	-12.53	-0.003629	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	10	-13.05	-0.003780	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	20	-18.28	-0.005295	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	30	7.52	0.002178	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	40	-4.18	-0.001211	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	50	-12.15	-0.003519	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	-30	-12.19	-0.003483	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	-20	5.65	0.001614	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	-10	-4.66	-0.001331	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	0	-12.87	-0.003677	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	10	4.43	0.001266	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	20	-4.36	-0.001246	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	30	-6.05	-0.001729	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	40	-8.43	-0.002409	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	50	-14.53	-0.004151	±2.5	PASS
42(3450	5MHz	16QAM	42590	25RB#0	NV	-30	-10.69	-0.003054	±2.5	PASS

-3550)										
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	-20	-3.95	-0.001129	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	-10	-13.95	-0.003986	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	0	2.93	0.000837	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	10	-12.77	-0.003649	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	20	-9.06	-0.002589	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	30	5.79	0.001654	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	40	-13.28	-0.003794	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	50	-6.91	-0.001974	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	-30	-10.74	-0.003027	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	-20	-8.14	-0.002295	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	-10	-9.30	-0.002622	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	0	-3.38	-0.000953	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	10	-13.98	-0.003941	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	20	-9.24	-0.002605	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	30	-5.31	-0.001497	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	40	-13.39	-0.003774	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	50	-7.62	-0.002148	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	-30	-6.78	-0.001911	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	-20	4.52	0.001274	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	-10	3.40	0.000958	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	0	-15.26	-0.004302	±2.5	PASS

-3550)										
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	10	-13.06	-0.003681	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	20	-11.09	-0.003126	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	30	-11.99	-0.003380	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	40	-10.84	-0.003056	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	50	-8.35	-0.002354	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	-30	-36.28	-0.010501	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	-20	-32.33	-0.009357	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	-10	-30.03	-0.008692	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	0	-29.48	-0.008533	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	10	-22.04	-0.006379	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	20	-21.76	-0.006298	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	30	-37.36	-0.010813	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	40	-39.63	-0.011470	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	50	-36.23	-0.010486	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	-30	-27.81	-0.008049	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	-20	-18.45	-0.005340	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	-10	-27.32	-0.007907	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	0	-19.51	-0.005647	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	10	-30.04	-0.008695	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	20	-23.62	-0.006836	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	30	-38.90	-0.011259	±2.5	PASS

-3550)										
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	40	-31.66	-0.009164	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	50	-24.86	-0.007195	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	-30	-17.17	-0.004906	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	-20	-10.34	-0.002954	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	-10	3.36	0.000960	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	0	-11.49	-0.003283	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	10	-16.38	-0.004680	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	20	-5.69	-0.001626	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	30	-12.19	-0.003483	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	40	-17.51	-0.005003	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	50	-6.15	-0.001757	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	-30	-19.81	-0.005660	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	-20	-15.15	-0.004329	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	-10	-12.60	-0.003600	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	0	-7.00	-0.002000	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	10	3.62	0.001034	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	20	-19.54	-0.005583	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	30	-15.11	-0.004317	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	40	-10.33	-0.002951	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	50	-8.65	-0.002471	±2.5	PASS
42(3450	10MHz	QPSK	43040	50RB#0	NV	-30	-15.78	-0.004451	±2.5	PASS

-3550)										
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	-20	-12.46	-0.003515	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	-10	-7.51	-0.002118	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	0	5.64	0.001591	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	10	-17.24	-0.004863	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	20	-8.81	-0.002485	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	30	3.02	0.000852	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	40	-13.02	-0.003673	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	50	-6.55	-0.001848	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	-30	-18.25	-0.005148	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	-20	-14.28	-0.004028	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	-10	-15.85	-0.004471	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	0	-10.90	-0.003075	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	10	-10.44	-0.002945	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	20	-7.70	-0.002172	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	30	-7.30	-0.002059	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	40	-7.60	-0.002144	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	50	-8.11	-0.002288	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	-30	-10.23	-0.002959	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	-20	-17.50	-0.005061	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	-10	-8.10	-0.002343	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	0	-11.32	-0.003274	±2.5	PASS

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42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	10	3.73	0.001079	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	20	-10.69	-0.003092	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	30	-18.95	-0.005481	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	40	-11.47	-0.003317	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	50	-4.09	-0.001183	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	-30	-4.42	-0.001278	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	-20	-8.96	-0.002591	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	-10	-13.18	-0.003812	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	0	-15.41	-0.004457	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	10	-21.40	-0.006189	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	20	-10.87	-0.003144	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	30	-16.79	-0.004856	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	40	-3.99	-0.001154	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	50	-11.17	-0.003231	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	-30	-11.14	-0.003183	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	-20	-13.96	-0.003989	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	-10	4.38	0.001251	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	0	-5.24	-0.001497	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	10	-6.11	-0.001746	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	20	-15.49	-0.004426	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	30	-16.39	-0.004683	±2.5	PASS

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42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	40	-18.00	-0.005143	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	50	-17.71	-0.005060	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	-30	-18.24	-0.005211	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	-20	-11.69	-0.003340	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	-10	4.48	0.001280	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	0	-16.67	-0.004763	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	10	-10.73	-0.003066	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	20	-4.29	-0.001226	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	30	-18.97	-0.005420	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	40	-10.69	-0.003054	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	50	-7.28	-0.002080	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	-30	-11.83	-0.003339	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	-20	-5.31	-0.001499	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	-10	-13.80	-0.003896	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	0	2.32	0.000655	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	10	-9.84	-0.002778	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	20	-16.25	-0.004587	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	30	-6.57	-0.001855	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	40	-10.24	-0.002891	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	50	-16.08	-0.004539	±2.5	PASS
42(3450	15MHz	16QAM	43015	75RB#0	NV	-30	-10.14	-0.002862	±2.5	PASS



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42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	-20	-19.60	-0.005533	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	-10	-14.25	-0.004023	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	0	-5.61	-0.001584	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	10	8.65	0.002442	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	20	-16.74	-0.004725	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	30	-8.98	-0.002535	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	40	-18.91	-0.005338	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	50	-16.01	-0.004519	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	-30	-3.38	-0.000977	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	-20	-15.72	-0.004543	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	-10	-8.73	-0.002523	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	0	-18.27	-0.005280	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	10	-11.83	-0.003419	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	20	-6.18	-0.001786	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	30	-16.72	-0.004832	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	40	-13.99	-0.004043	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	50	-4.95	-0.001431	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	-30	-17.42	-0.005035	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	-20	-5.32	-0.001538	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	-10	-7.61	-0.002199	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	0	-11.34	-0.003277	±2.5	PASS

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42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	10	5.29	0.001529	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	20	-6.94	-0.002006	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	30	-12.83	-0.003708	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	40	-3.59	-0.001038	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	50	-9.90	-0.002861	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	-30	3.20	0.000914	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	-20	-14.13	-0.004037	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	-10	-5.62	-0.001606	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	0	-18.37	-0.005249	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	10	-6.81	-0.001946	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	20	-13.70	-0.003914	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	30	2.60	0.000743	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	40	-8.25	-0.002357	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	50	-16.99	-0.004854	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	-30	-16.28	-0.004651	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	-20	-13.45	-0.003843	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	-10	-8.45	-0.002414	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	0	-4.22	-0.001206	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	10	4.56	0.001303	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	20	-19.44	-0.005554	±2.5	PASS
42(3450	20MHz	16QAM	42590	100RB#0	NV	30	-16.91	-0.004831	±2.5	PASS

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42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	40	-13.88	-0.003966	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	50	-5.92	-0.001691	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	-30	-3.89	-0.001099	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	-20	-15.45	-0.004364	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	-10	-10.91	-0.003082	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	0	-7.24	-0.002045	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	10	-17.41	-0.004918	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	20	-12.97	-0.003664	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	30	3.22	0.000910	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	40	-12.15	-0.003432	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	50	-3.15	-0.000890	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	-30	-8.61	-0.002432	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	-20	-5.85	-0.001653	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	-10	-4.81	-0.001359	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	0	-19.20	-0.005424	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	10	6.51	0.001839	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	20	-17.40	-0.004915	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	30	-16.92	-0.004780	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	40	-12.56	-0.003548	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	50	-13.65	-0.003856	±2.5	PASS