

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	7.71	0.002233	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	VL	NT	-6.89	-0.001996	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	VH	NT	3.71	0.001075	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	VN	NT	-6.65	-0.001926	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	VL	NT	4.14	0.001199	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	VH	NT	6.80	0.001970	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	VN	NT	-4.22	-0.001206	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	VL	NT	4.10	0.001171	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	VH	NT	5.32	0.001520	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	VN	NT	4.73	0.001351	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	VL	NT	4.29	0.001226	±2.5	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	VH	NT	4.72	0.001349	±2.5	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	VN	NT	4.70	0.001325	±2.5	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	VL	NT	-7.08	-0.001996	±2.5	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	VH	NT	6.02	0.001697	±2.5	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	VN	NT	4.06	0.001144	±2.5	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	VL	NT	4.02	0.001133	±2.5	PASS

42(3450-3550)	5MHz	16QAM	43065	25RB#0	VH	NT	-3.41	-0.000961	±2.5	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	VN	NT	-5.02	-0.001453	±2.5	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	VL	NT	5.78	0.001673	±2.5	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	VH	NT	4.76	0.001378	±2.5	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	VN	NT	-2.43	-0.000703	±2.5	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	VL	NT	-1.86	-0.000538	±2.5	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	VH	NT	-4.12	-0.001192	±2.5	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	VN	NT	4.09	0.001169	±2.5	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	VL	NT	-3.40	-0.000971	±2.5	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	VH	NT	6.46	0.001846	±2.5	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	VN	NT	6.25	0.001786	±2.5	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	VL	NT	-5.47	-0.001563	±2.5	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	VH	NT	4.59	0.001311	±2.5	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	VN	NT	2.06	0.000581	±2.5	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	VL	NT	5.51	0.001554	±2.5	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	VH	NT	-2.94	-0.000829	±2.5	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	VN	NT	-5.02	-0.001416	±2.5	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	VL	NT	-3.99	-0.001126	±2.5	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	VH	NT	-1.97	-0.000556	±2.5	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	VN	NT	3.50	0.001012	±2.5	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	VL	NT	8.13	0.002351	±2.5	PASS

42(3450-3550)	15MHz	QPSK	42165	75RB#0	VH	NT	2.65	0.000766	±2.5	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	VN	NT	3.90	0.001128	±2.5	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	VL	NT	3.57	0.001033	±2.5	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	VH	NT	5.58	0.001614	±2.5	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	VN	NT	-3.30	-0.000943	±2.5	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	VL	NT	-3.21	-0.000917	±2.5	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	VH	NT	-4.52	-0.001291	±2.5	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	VN	NT	-3.74	-0.001069	±2.5	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	VL	NT	2.76	0.000789	±2.5	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	VH	NT	4.22	0.001206	±2.5	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	VN	NT	-2.93	-0.000827	±2.5	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	VL	NT	4.23	0.001194	±2.5	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	VH	NT	-8.85	-0.002498	±2.5	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	VN	NT	-6.35	-0.001793	±2.5	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	VL	NT	-2.36	-0.000666	±2.5	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	VH	NT	4.32	0.001219	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	VN	NT	3.01	0.000870	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	VL	NT	-4.12	-0.001191	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	VH	NT	-1.82	-0.000526	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	VN	NT	4.53	0.001309	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	VL	NT	2.58	0.000746	±2.5	PASS

42(3450-3550)	20MHz	16QAM	42190	100RB#0	VH	NT	3.70	0.001069	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VN	NT	3.23	0.000923	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VL	NT	-4.80	-0.001371	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	VH	NT	3.63	0.001037	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	VN	NT	3.29	0.000940	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	VL	NT	2.32	0.000663	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	VH	NT	4.78	0.001366	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	VN	NT	-4.53	-0.001280	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	VL	NT	3.74	0.001056	±2.5	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	VH	NT	3.39	0.000958	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	VN	NT	2.61	0.000737	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	VL	NT	2.89	0.000816	±2.5	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	VH	NT	3.95	0.001116	±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	-3.90	-0.001130	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	NV	-20	6.33	0.001833	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	NV	-10	4.32	0.001251	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	NV	0	4.12	0.001193	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	NV	10	-2.92	-0.000846	±2.5	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	NV	20	5.14	0.001489	±2.5	PASS

-3550)										
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	30	2.96	0.000857	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	40	-4.48	-0.001298	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42115	25RB#0	NV	50	-5.04	-0.001460	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	-30	-3.80	-0.001101	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	-20	1.83	0.000530	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	-10	2.54	0.000736	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	0	5.59	0.001619	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	10	6.64	0.001923	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	20	5.53	0.001602	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	30	4.53	0.001312	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	40	-4.96	-0.001437	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42115	25RB#0	NV	50	5.77	0.001671	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	-30	3.65	0.001043	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	-20	4.41	0.001260	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	-10	6.41	0.001831	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	0	4.92	0.001406	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	10	-5.33	-0.001523	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	20	4.39	0.001254	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	30	3.97	0.001134	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	40	3.25	0.000929	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	42590	25RB#0	NV	50	-4.28	-0.001223	±2.5	PASS

-3550)										
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	-30	7.31	0.002089	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	-20	-2.80	-0.000800	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	-10	3.95	0.001129	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	0	5.13	0.001466	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	10	2.02	0.000577	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	20	5.70	0.001629	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	30	6.62	0.001891	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	40	7.10	0.002029	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	42590	25RB#0	NV	50	5.42	0.001549	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	-30	5.16	0.001455	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	-20	-3.78	-0.001066	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	-10	-3.15	-0.000888	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	0	2.41	0.000679	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	10	4.77	0.001345	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	20	4.85	0.001367	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	30	6.52	0.001838	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	40	4.74	0.001336	±2.5	PASS
42(3450 -3550)	5MHz	QPSK	43065	25RB#0	NV	50	5.71	0.001610	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	-30	2.98	0.000840	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	-20	-3.24	-0.000913	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	-10	5.08	0.001432	±2.5	PASS

-3550)										
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	0	3.33	0.000939	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	10	2.65	0.000747	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	20	3.45	0.000973	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	30	4.04	0.001139	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	40	4.49	0.001266	±2.5	PASS
42(3450 -3550)	5MHz	16QAM	43065	25RB#0	NV	50	-3.53	-0.000995	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	-30	-3.66	-0.001059	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	-20	-3.08	-0.000891	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	-10	6.38	0.001847	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	0	5.68	0.001644	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	10	-1.98	-0.000573	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	20	-4.18	-0.001210	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	30	5.40	0.001563	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	40	2.57	0.000744	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42140	50RB#0	NV	50	3.95	0.001143	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	-30	-3.16	-0.000915	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	-20	-3.01	-0.000871	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	-10	5.33	0.001543	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	0	6.22	0.001800	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	10	-3.65	-0.001056	±2.5	PASS
42(3450	10MHz	16QAM	42140	50RB#0	NV	20	2.03	0.000588	±2.5	PASS

-3550)										
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	30	-4.94	-0.001430	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	40	-4.08	-0.001181	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42140	50RB#0	NV	50	-5.13	-0.001485	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	-30	3.85	0.001100	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	-20	-2.23	-0.000637	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	-10	3.95	0.001129	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	0	2.16	0.000617	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	10	3.98	0.001137	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	20	3.15	0.000900	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	30	5.28	0.001509	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	40	6.29	0.001797	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	42590	50RB#0	NV	50	3.30	0.000943	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	-30	3.96	0.001131	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	-20	4.52	0.001291	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	-10	4.43	0.001266	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	0	5.95	0.001700	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	10	3.33	0.000951	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	20	6.12	0.001749	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	30	7.94	0.002269	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	40	5.63	0.001609	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	42590	50RB#0	NV	50	6.97	0.001991	±2.5	PASS

-3550)										
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	-30	5.15	0.001453	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	-20	4.49	0.001267	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	-10	-3.96	-0.001117	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	0	-4.45	-0.001255	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	10	-6.01	-0.001695	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	20	-2.89	-0.000815	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	30	3.76	0.001061	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	40	-5.60	-0.001580	±2.5	PASS
42(3450 -3550)	10MHz	QPSK	43040	50RB#0	NV	50	4.36	0.001230	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	-30	6.74	0.001901	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	-20	5.19	0.001464	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	-10	3.78	0.001066	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	0	-5.25	-0.001481	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	10	-3.06	-0.000863	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	20	-6.29	-0.001774	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	30	-4.90	-0.001382	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	40	5.42	0.001529	±2.5	PASS
42(3450 -3550)	10MHz	16QAM	43040	50RB#0	NV	50	8.52	0.002403	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	-30	3.69	0.001067	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	-20	3.90	0.001128	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	-10	-5.28	-0.001527	±2.5	PASS

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42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	0	-4.14	-0.001197	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	10	5.54	0.001602	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	20	-3.94	-0.001140	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	30	2.28	0.000659	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	40	6.73	0.001946	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42165	75RB#0	NV	50	-3.30	-0.000954	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	-30	-4.80	-0.001388	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	-20	-2.84	-0.000821	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	-10	8.26	0.002389	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	0	3.71	0.001073	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	10	2.47	0.000714	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	20	4.86	0.001406	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	30	3.47	0.001004	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	40	3.32	0.000960	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42165	75RB#0	NV	50	3.11	0.000899	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	-30	3.32	0.000949	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	-20	2.94	0.000840	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	-10	-4.23	-0.001209	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	0	-2.80	-0.000800	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	10	-4.85	-0.001386	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	20	-3.89	-0.001111	±2.5	PASS

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42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	30	-3.08	-0.000880	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	40	2.53	0.000723	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	42590	75RB#0	NV	50	-3.65	-0.001043	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	-30	6.28	0.001794	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	-20	-4.61	-0.001317	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	-10	6.23	0.001780	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	0	5.20	0.001486	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	10	2.89	0.000826	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	20	3.57	0.001020	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	30	-3.93	-0.001123	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	40	-6.23	-0.001780	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	42590	75RB#0	NV	50	4.26	0.001217	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	-30	3.50	0.000988	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	-20	4.08	0.001152	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	-10	-4.40	-0.001242	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	0	2.33	0.000658	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	10	-2.36	-0.000666	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	20	-3.99	-0.001126	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	30	-6.39	-0.001804	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	40	-2.94	-0.000830	±2.5	PASS
42(3450 -3550)	15MHz	QPSK	43015	75RB#0	NV	50	-3.97	-0.001121	±2.5	PASS

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42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	-30	-2.70	-0.000762	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	-20	5.99	0.001691	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	-10	-4.46	-0.001259	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	0	5.46	0.001541	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	10	-2.67	-0.000754	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	20	2.59	0.000731	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	30	2.32	0.000655	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	40	1.83	0.000517	±2.5	PASS
42(3450 -3550)	15MHz	16QAM	43015	75RB#0	NV	50	4.92	0.001389	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	-30	-2.05	-0.000592	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	-20	5.99	0.001731	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	-10	5.53	0.001598	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	0	-4.44	-0.001283	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	10	2.29	0.000662	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	20	6.72	0.001942	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	30	-4.83	-0.001396	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	40	4.13	0.001194	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42190	100RB#0	NV	50	5.10	0.001474	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	-30	3.17	0.000916	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	-20	-4.86	-0.001405	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	-10	5.54	0.001601	±2.5	PASS

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42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	0	2.91	0.000841	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	10	-4.93	-0.001425	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	20	4.98	0.001439	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	30	4.14	0.001197	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	40	-3.86	-0.001116	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42190	100RB#0	NV	50	4.11	0.001188	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	-30	-1.99	-0.000569	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	-20	-2.47	-0.000706	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	-10	6.13	0.001751	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	0	-2.66	-0.000760	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	10	4.29	0.001226	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	20	3.71	0.001060	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	30	-5.08	-0.001451	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	40	-7.61	-0.002174	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42590	100RB#0	NV	50	4.91	0.001403	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	-30	2.05	0.000586	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	-20	5.43	0.001551	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	-10	6.01	0.001717	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	0	2.96	0.000846	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	10	5.39	0.001540	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	20	-4.33	-0.001237	±2.5	PASS

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42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	30	2.84	0.000811	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	40	3.98	0.001137	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42590	100RB#0	NV	50	-3.13	-0.000894	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	-30	6.51	0.001839	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	-20	-3.50	-0.000989	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	-10	-2.06	-0.000582	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	0	3.72	0.001051	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	10	4.51	0.001274	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	20	6.40	0.001808	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	30	4.41	0.001246	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	40	3.15	0.000890	±2.5	PASS
42(3450 -3550)	20MHz	QPSK	42990	100RB#0	NV	50	6.19	0.001749	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	-30	5.06	0.001429	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	-20	5.31	0.001500	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	-10	5.03	0.001421	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	0	3.25	0.000918	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	10	3.69	0.001042	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	20	4.76	0.001345	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	30	7.43	0.002099	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	40	5.96	0.001684	±2.5	PASS
42(3450 -3550)	20MHz	16QAM	42990	100RB#0	NV	50	5.16	0.001458	±2.5	PASS

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