

6: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	5MHz	QPSK	133297	25RB#0	VN	NT	-2.88	-0.004232	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VL	NT	5.11	0.007509	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VH	NT	-4.57	-0.006716	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VN	NT	6.39	0.009390	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VL	NT	4.89	0.007186	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VH	NT	6.87	0.010096	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VN	NT	-5.21	-0.007656	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VL	NT	-3.45	-0.005070	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VH	NT	5.17	0.007597	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VN	NT	-4.14	-0.006084	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VL	NT	-6.46	-0.009493	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VH	NT	4.73	0.006951	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VN	NT	-3.86	-0.005672	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-7.78	-0.011391	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-4.55	-0.006662	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-5.67	-0.008302	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	5MHz	QPSK	133297	25RB#0	NV	-10	-5.87	-0.008626	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	0	-2.74	-0.004026	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	10	2.48	0.003644	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	20	2.47	0.003630	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	30	-6.51	-0.009566	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	40	-3.96	-0.005819	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	NV	45	-2.85	-0.004188	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	-10	-6.83	-0.010037	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	0	-8.91	-0.013093	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	10	8.15	0.011976	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	20	-5.67	-0.008332	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	30	1.73	0.002542	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	40	6.48	0.009522	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	NV	45	-5.33	-0.007832	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	-10	-2.87	-0.004217	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	0	3.05	0.004482	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	10	-4.30	-0.006319	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	20	2.13	0.003130	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	30	6.19	0.009096	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	40	3.27	0.004805	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	NV	45	-4.71	-0.006921	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	-10	-2.43	-0.003571	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	0	3.03	0.004453	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	10	5.39	0.007921	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	20	-8.14	-0.011962	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	30	4.46	0.006554	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	40	-4.57	-0.006716	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	NV	45	8.29	0.012182	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	-10	-6.22	-0.009140	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	0	5.78	0.008494	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	10	-4.03	-0.005922	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	20	-4.85	-0.007127	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	NV	45	-11.09	-0.016297	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-3.29	-0.004817	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-5.77	-0.008448	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-3.88	-0.005681	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-3.72	-0.005447	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	2.89	0.004231	±2.5	PASS

Band71	20MHz	QPSK	133322	100RB#0	NV	40	-2.38	-0.003485	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	45	2.19	0.003206	±2.5	PASS

-----END OF THE REPORT-----