



6: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2305-2315)	5MHz	QPSK	38750	25RB#0	VN	NT	-67.75	-0.029329	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	VL	NT	-31.99	-0.013848	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	VH	NT	-39.35	-0.017035	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	VN	NT	-35.71	-0.015459	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	VL	NT	-18.14	-0.007853	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	VH	NT	-23.57	-0.010203	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	VN	NT	-20.80	-0.009004	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	VL	NT	-19.14	-0.008286	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	VH	NT	-23.50	-0.010173	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	VN	NT	-15.89	-0.006879	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	VL	NT	5.82	0.002519	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	VH	NT	-6.29	-0.002723	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VN	NT	-45.52	-0.019329	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VL	NT	-68.58	-0.029121	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VH	NT	-24.19	-0.010272	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VN	NT	-56.89	-0.024157	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VL	NT	-17.88	-0.007592	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VH	NT	-29.81	-0.012658	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VN	NT	15.12	0.006420	±2.5	PASS



40(2350-2360)	10MHz	QPSK	39200	50RB#0	VL	NT	26.98	0.011456	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	VH	NT	35.26	0.014972	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VN	NT	-6.04	-0.002565	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VL	NT	44.73	0.018994	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	VH	NT	42.29	0.017958	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	0	-32.99	-0.014281	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	10	-36.16	-0.015654	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	20	-30.13	-0.013043	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	30	-35.69	-0.015450	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	0	-24.33	-0.010532	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	10	-23.20	-0.010043	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	20	-24.30	-0.010519	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	30	-24.46	-0.010589	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	0	-19.90	-0.008615	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	10	-23.72	-0.010268	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	20	-19.68	-0.008519	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	30	-14.83	-0.006420	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	0	-3.19	-0.001381	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	10	-8.85	-0.003831	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	20	-7.25	-0.003139	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	30	-6.31	-0.002732	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	-22.03	-0.009355	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	-36.15	-0.015350	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	-23.52	-0.009987	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	-58.98	-0.025045	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	-47.79	-0.020293	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	-12.97	-0.005507	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	-24.45	-0.010382	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	-37.57	-0.015953	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	41.26	0.017520	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	44.86	0.019049	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	44.92	0.019074	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	-7.51	-0.003189	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	18.45	0.007834	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	10	44.19	0.018764	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	20	27.11	0.011512	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	30	37.05	0.015732	±2.5	PASS

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