







7. Frequency Stability

7.1. Test Results

7.1.1. Frequency Error Vs Voltage

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-5.80	-0.002288	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-7.30	-0.002880	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-5.60	-0.002209	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-3.20	-0.001262	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-1.70	-0.000671	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	3.50	0.001381	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-5.80	-0.002288	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-2.80	-0.001105	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-4.20	-0.001657	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-4.30	-0.001696	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-5.10	-0.002012	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-6.60	-0.002604	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-4.20	-0.001657	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-5.00	-0.001972	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-7.00	-0.002761	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-0.70	-0.000276	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-3.60	-0.001420	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-2.40	-0.000947	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-4.20	-0.001657	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-3.00	-0.001183	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	0.90	0.000355	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-3.50	-0.001381	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-4.50	-0.001775	Pass
30KHz	50MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-0.20	-0.000079	Pass

The End