













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	40MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-4.40	-0.001696	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-6.40	-0.002466	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-7.40	-0.002852	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	1.40	0.000539	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	0.90	0.000347	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-0.90	-0.000347	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-6.60	-0.002543	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-4.80	-0.001850	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-0.10	-0.000039	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-2.20	-0.000848	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-3.60	-0.001387	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-4.20	-0.001618	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-3.10	-0.001195	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-1.00	-0.000385	Pass
15KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	0.10	0.000039	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	2.10	0.000809	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-9.90	-0.003815	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-3.60	-0.001387	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-3.70	-0.001426	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-5.10	-0.001965	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-4.20	-0.001618	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-7.60	-0.002929	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-5.00	-0.001927	Pass
30KHz	40MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-3.10	-0.001195	Pass

The End