

















## 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	45MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-0.10	-0.000057	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	2.90	0.001662	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	3.40	0.001948	Pass

#### 7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	2.00	0.001146	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	2.00	0.001146	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	2.90	0.001662	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	3.60	0.002063	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	4.00	0.002292	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	3.60	0.002063	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	2.80	0.001605	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	2.70	0.001547	Pass
15KHz	45MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	4.40	0.002521	Pass

The End