























## 7. Frequency Stability

### 7.1. Test Results for Ant1

#### 7.1.1. Frequency Error Vs Voltage

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	LV	-7.00	-0.002700	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	NV	-3.20	-0.001234	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	HV	-7.40	-0.002854	Pass

#### 7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-30°C	NV	-5.50	-0.002121	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-20°C	NV	-0.40	-0.000154	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-10°C	NV	-4.60	-0.001774	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	0°C	NV	-3.80	-0.001465	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	10°C	NV	-6.00	-0.002314	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	20°C	NV	-1.40	-0.000540	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	30°C	NV	-1.70	-0.000656	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	40°C	NV	-4.50	-0.001735	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	50°C	NV	-3.30	-0.001273	Pass

### 7.2. Test Results for Ant2

#### 7.2.1. Frequency Error Vs Voltage

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	LV	-0.10	-0.000039	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	NV	-1.70	-0.000656	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	HV	-3.20	-0.001234	Pass

#### 7.2.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-30°C	NV	-2.50	-0.000964	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-20°C	NV	-2.10	-0.000810	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-10°C	NV	-2.90	-0.001118	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	0°C	NV	-2.90	-0.001118	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	10°C	NV	-5.50	-0.002121	Pass

30KHz	100MHz	MCH	Outer_Full	CP-QPSK	20°C	NV	-3.10	-0.001196	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	30°C	NV	-1.40	-0.000540	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	40°C	NV	-4.30	-0.001658	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	50°C	NV	-2.60	-0.001003	Pass

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The End