





7. Frequency Stability

7.1. Test Results for Ant3

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	-8.30	-0.002213	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	NV	-11.80	-0.003147	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	HV	-7.40	-0.001973	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	-8.40	-0.002240	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-20°C	NV	-7.10	-0.001893	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-10°C	NV	-9.70	-0.002587	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	0°C	NV	-11.30	-0.003013	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	10°C	NV	-11.20	-0.002987	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	20°C	NV	-9.80	-0.002613	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	30°C	NV	-12.50	-0.003333	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	40°C	NV	-12.20	-0.003253	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	50°C	NV	-9.90	-0.002640	Pass

7.2. Test Results for Ant5

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	-12.00	-0.003200	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	NV	-9.40	-0.002507	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	HV	-9.40	-0.002507	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	-8.70	-0.002320	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-20°C	NV	-7.90	-0.002107	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-10°C	NV	-8.10	-0.002160	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	0°C	NV	-9.20	-0.002453	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	10°C	NV	-7.80	-0.002080	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	20°C	NV	-7.70	-0.002053	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	30°C	NV	-9.70	-0.002587	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	40°C	NV	-10.70	-0.002853	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	50°C	NV	-12.30	-0.003280	Pass

The End