







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	-3.10	-0.000807	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	NV	-1.00	-0.000260	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	HV	-4.80	-0.001250	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	-3.50	-0.000911	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-20°C	NV	-2.60	-0.000677	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-10°C	NV	-4.60	-0.001198	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	0°C	NV	0.50	0.000130	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	10°C	NV	-6.70	-0.001745	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	20°C	NV	-2.10	-0.000547	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	30°C	NV	-0.30	-0.000078	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	40°C	NV	-3.30	-0.000859	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	50°C	NV	-6.40	-0.001667	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	-3.50	-0.000911	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	NV	-1.40	-0.000365	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	NT	HV	-2.40	-0.000625	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	-3.40	-0.000885	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-20°C	NV	-7.80	-0.002031	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	-10°C	NV	-4.10	-0.001068	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	0°C	NV	-3.70	-0.000964	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	10°C	NV	-2.90	-0.000755	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	20°C	NV	-2.50	-0.000651	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	30°C	NV	-6.20	-0.001615	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	40°C	NV	-3.60	-0.000938	Pass
30KHz	100MHz	MCH	Outer_Full	CP-QPSK	50°C	NV	-3.30	-0.000859	Pass

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