



















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	50MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-14.40	-0.003750	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-9.70	-0.002526	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-7.10	-0.001849	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-7.40	-0.001927	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-10.50	-0.002734	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-6.70	-0.001745	Pass

7.1.2. Frequency Error Vs Temperature

SCS	Bandwidth	Channel	RB Config	Modulation	Temperature	Voltage	Deviation Result		Verdict
							(Hz)	(ppm)	
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-9.60	-0.002500	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-8.90	-0.002318	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-9.20	-0.002396	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-8.90	-0.002318	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-8.50	-0.002214	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-9.50	-0.002474	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-9.40	-0.002448	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-8.60	-0.002240	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-9.40	-0.002448	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-1.50	-0.000391	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-4.10	-0.001068	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-2.70	-0.000703	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-8.00	-0.002083	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-6.50	-0.001693	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-4.80	-0.001250	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-3.90	-0.001016	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-4.50	-0.001172	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-4.70	-0.001224	Pass

The End