

























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	-4.20	-0.001620	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-3.60	-0.001388	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-2.30	-0.000887	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	LV	-8.10	-0.003124	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	NV	-2.00	-0.000771	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	NT	HV	-1.50	-0.000578	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	-4.10	-0.001581	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	-5.00	-0.001928	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-5.60	-0.002160	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-6.60	-0.002545	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	-4.00	-0.001543	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	-4.80	-0.001851	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-7.10	-0.002738	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-5.30	-0.002044	Pass
15KHz	50MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	-1.80	-0.000694	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-30°C	NV	-1.10	-0.000424	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-20°C	NV	0.50	0.000193	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	-10°C	NV	-2.00	-0.000771	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	0°C	NV	-2.60	-0.001003	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	10°C	NV	0.70	0.000270	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	20°C	NV	0.80	0.000309	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	30°C	NV	-2.00	-0.000771	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	40°C	NV	-0.70	-0.000270	Pass
30KHz	100MHz	MCH	Outer_Full	DFT-QPSK	50°C	NV	1.90	0.000733	Pass

The End