

FCC Part 2.1055

Temperature Variation vs. Frequency

Test Equipment:

Description	Model	Cal Date	Cal Due	Asset No.
Cable, HF	GHz#5	5/9/00	5/9/01	0
Spectrum Analyzer	HP-8596E	5/19/00	5/19/01	783

Test Conditions:

The device was placed in continuous transmit mode and an Andrews Heliax shielded RF cable was connected directly to the Transmit port connector of the device and the other end to the HP-8596E spectrum analyzer RF input port. The device power supply was plugged into 120V AC. The temperature was varied in 10 degree steps from -20 degrees celcius to +50 degrees celcius. The fundamental frequency was monitored on the spectrum analyzer.

Results:

Channel - Freq. (MHz)	Temperature in Celsius							
	-20	-10	0	10	20	30	40	50
Low - 2506	2506.001937	2506.001712	2506.001220	2506.000585	2506.000780	2506.000430	2506.000037	2506.001990
Mid - 2596	2596.002037	2596.001790	2596.001225	2596.000665	2596.000850	2596.000450	2596.000100	2596.001887
High - 2680	2680.002112	2680.001860	2680.001237	2680.000667	2680.000880	2680.000400	2680.000150	2680.001812