

BZ5MX30VX
Application for FCC Certification
Heterodyne Processor Input
30 Watt VHF Translator

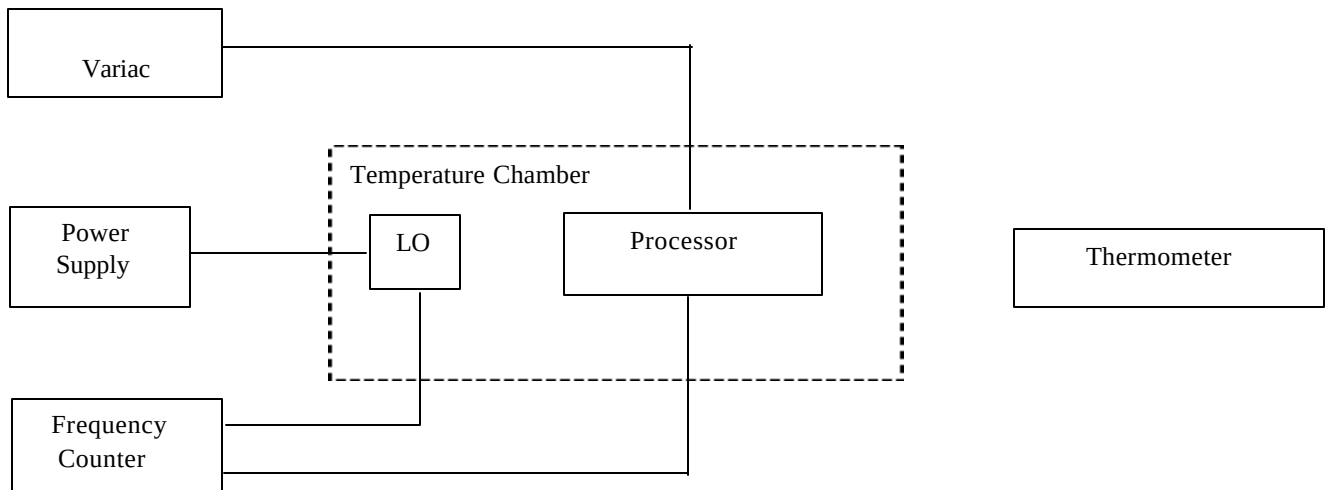
FREQUENCY DRIFT VS. TEMPERATURE
P379 CHANNEL PROCESSOR

DEGREES C	MEASURED LO FREQUENCY(Hz)	DEVIATION(Hz)	DEVIATION(%)
-30°C	181,251,502	+3525	+0.001945
-20°C	181,250,604	+2909	+0.001605
-10°C	181,249,853	+2158	+0.001191
0°C	181,248,650	+955	+0.000527
+10°C	181,248,200	+505	+0.000279
+20°C	181,247,958	+263	+0.000145
+25°C	181,247,695	0	0(REF)
+30°C	181,247,268	-427	-0.000236
+40°C	181,246,883	-812	-0.000448
+50°C	181,246,502	-1193	-0.000658

FCC Specification: Frequency Stability of Carrier $\pm 0.02\%$.

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FREQUENCY DRIFT VS TEMPERATURE BLOCK DIAGRAM



Test Equipment List

Power Supply - Hewlett Packard HP6012A S/N 2329A-02181

Frequency Counter - Hewlett Packard HP5334B S/N 2937A05503

Thermometer - Fluke 77/80T-150U

Thermostatically Controlled Temperature Chamber - Associated