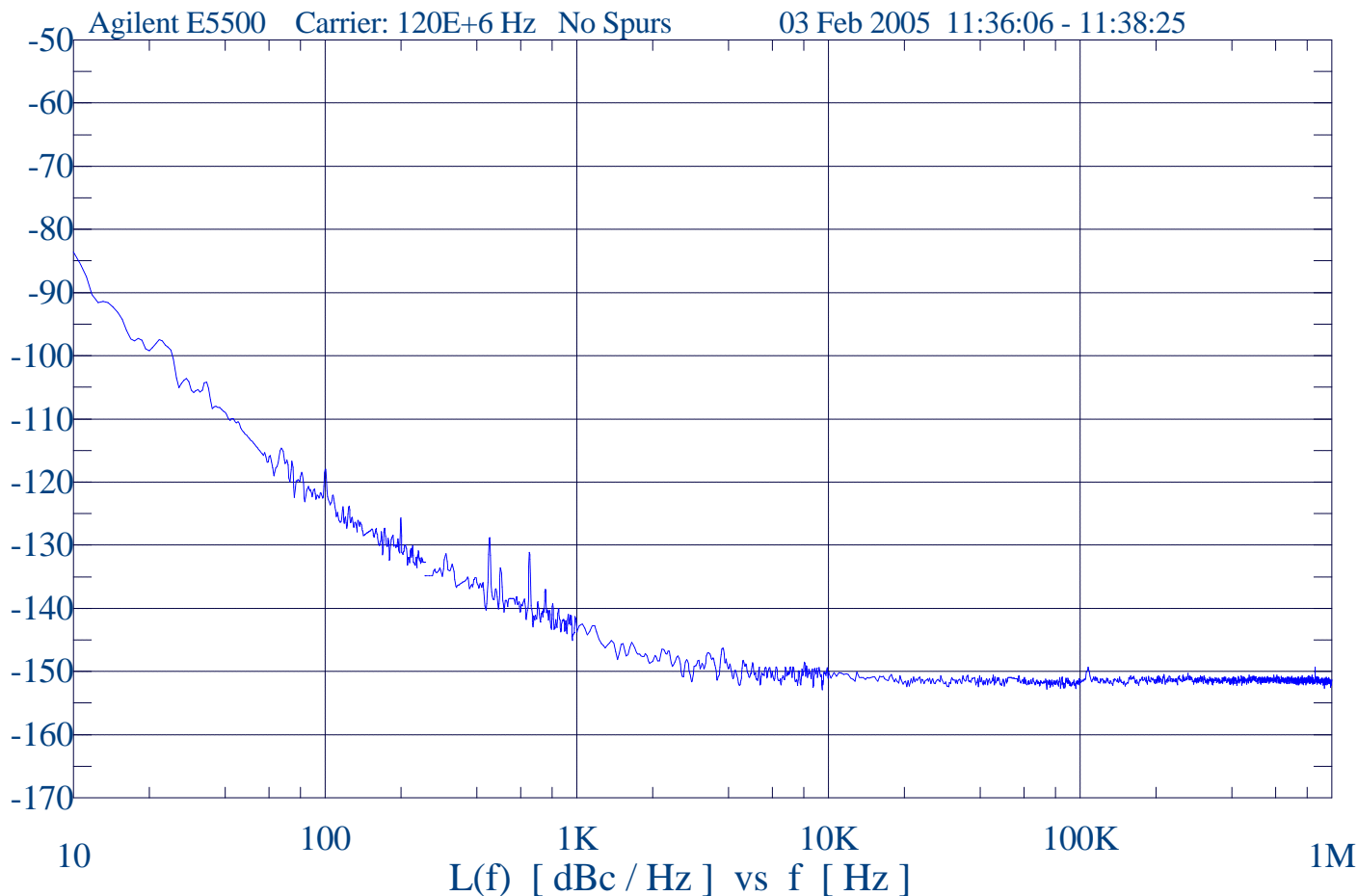


# DT12194 VXSW-W8S2-120M-#2-05-0203



DT12194 VXSW-W8S2-120M-#2-05-0203

Measurement time: 03 Feb 2005 11:36:06 - 11:38:25

Measurement type: Absolute phase noise (using a phase locked loop)

Start offset frequency: 10 Hz

Stop offset frequency: 1E+6 Hz

Minimum number of FFT averages: 20

Carrier Source frequency: 120E+6 Hz

Detector input frequency: 120E+6 Hz

Detector: Automatic detector selection

Nominal VCO tune constant: 1E+3 Hz/Volt

VCO center voltage: 1.3 Volts

VCO tune range: 3.3 Volts

Detector constant cal method: Derive from measured beatnote.

Detector constant: 102.8E-3 V/Rad

VCO tune constant cal method: Measure the Tune Constant.

Current VCO tune constant: 875.6 Hz/Volt

PLL Integrator attenuation: 0 dB

Phase Locked Loop suppression was verified.

Accuracy Spec Degradation: 3.71 dB

Closed PLL BW: 456.9 Hz

Peak Tune Range: 1.3418E+3 Hz

Assumed Pole: 6.456E+3 Hz

Carrier Source: (manual)

Reference Source: (manual) ; VCO tuned using DC FM.

Time Base: (none)

Downconverter: (none)

LNA gain: 42 dB

Software Version: A.01.05