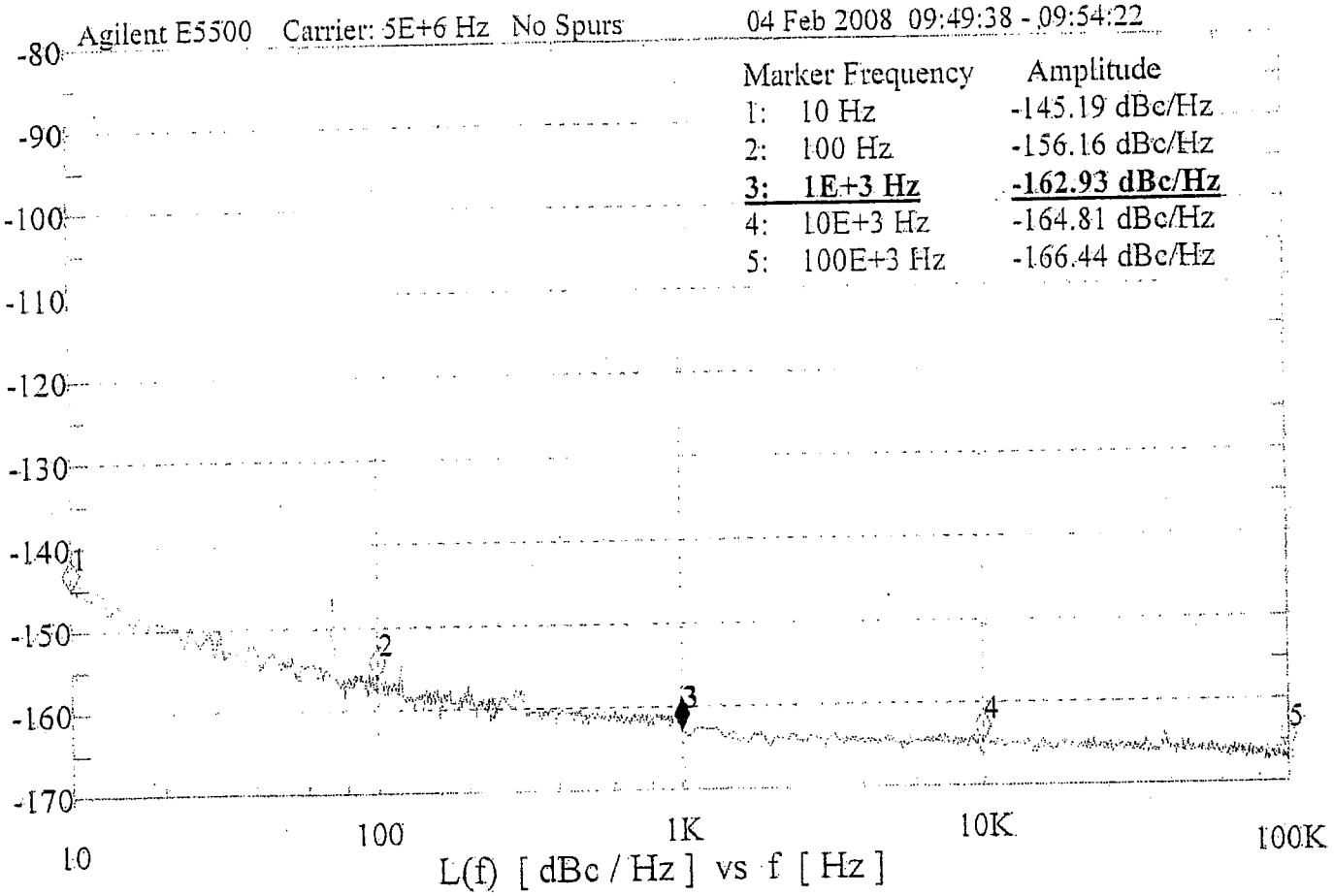
# 5MHz Ref # DS3 vs. NV47M1555 # DS1




5MHz Ref # DS3 vs. NV47M1555 # DS1
Measurement time: 04 Feb 2008 09:49:38 - 09:54:22
Measurement type: Absolute phase noise (using a phase locked loop)
Start offset frequency: 10 Hz
Stop offset frequency: 100E+3 Hz
Minimum number of FFT averages: 8
Carrier Source frequency: 5E+6 Hz
Detector input frequency: 5E+6 Hz
Detector: Automatic detector selection
Nominal VCO tune constant: 1.5 Hz/Volt
VCO center voltage: 2.5 Volts
VCO tune range: 2.5 Volts
Detector constant cal method: Derive from measured beatnote.
Detector constant: 542E-3 V/Rad
VCO tune constant cal method: Measure the Tune Constant.
Current VCO tune constant: 1.555 Hz/Volt
PLL Integrator attenuation: 0 dB
Phase Locked Loop suppression was verified.
Closed PLL BW: 3.3167 Hz
Peak Tune Range: 3.3025 Hz
Assumed Pole: 2E+3 Hz
Carrier Source: (manual)
Reference Source: (manual) ; VCO tuned using EFC.
Time Base: (none)
Downconverter: (none)
LNA gain: 42 dB
Software Version: A.01.05

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