



CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

RF POCKET REFERENCE OSCILLATOR

*New
RFPRO Series*



Actual Size

Crystek's new **RFPRO** Series, **RF** Pocket **R**eference **O**scillator is an industry first! A complete SineWave SAW(surface acoustic wave) oscillator has been integrated in a rugged SMA housing. Simply connect +3.3Vdc to the female SMA side, and it will output a clean -135dBc/Hz phase noise signal at 10Khz offset. In effect, each **RFPRO** is a fixed frequency portable signal generator with an operating temperature of -20°C to 70°C. Available off the shelf in 500Mhz and 1Ghz frequency output. Perfect for Lab use.



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FL 33913

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Rev.: A

Date: 06-29-09



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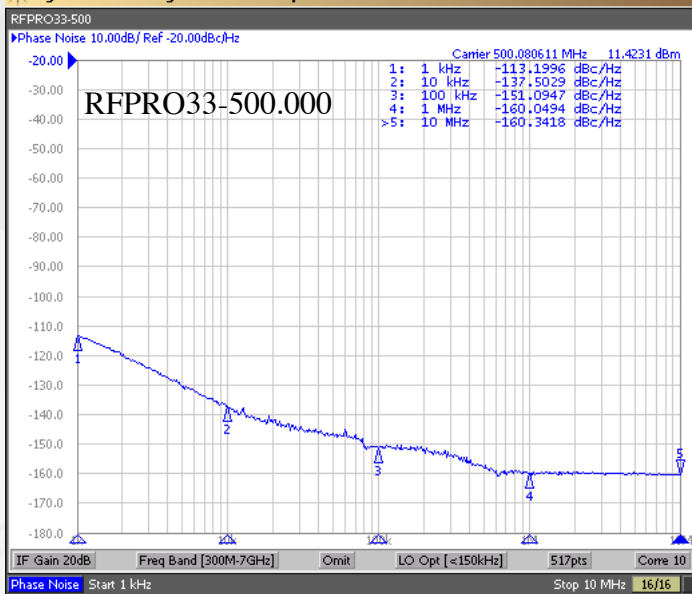
RF POCKET REFERENCE OSCILLATOR

Temperature Range: -20°C to +70°C
Storage: -45°C to 90°C
Input Voltage: +3.3V ± 0.15V
Freq. vs Temp.(Typ.) +100ppm / -150ppm
Input Current: 20mA Typ., 25mA Max

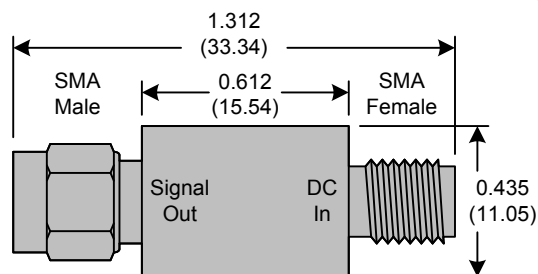
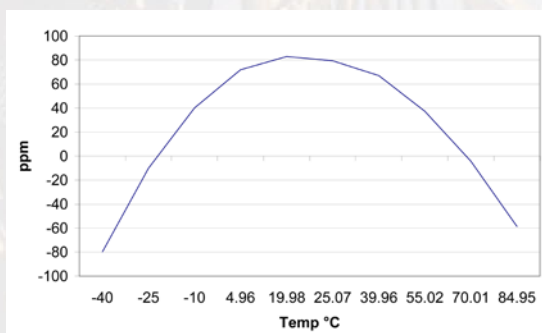
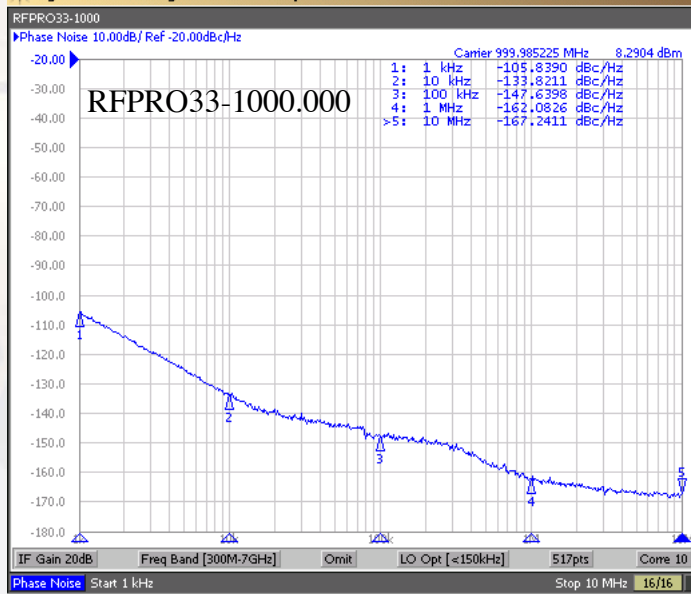
Output: SineWave
Output Power: +7dBm Min. into 50 Ohm Load
Start-up Time: 2ms Typ., 10ms Max
2nd Harmonics: -14dBc Typ., -10dBc Max
Sub-harmonics: none
Phase Jitter: 12KHz~80MHz
12KHz~80MHz <1ps RMS (1-sigma) Max

Visit our Website for additional Information
WWW.CRYSTEK.COM

Agilent E5052A Signal Source Analyzer



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Mouser Electronics

Authorized Distributor

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Crystek:

[RFPRO33-1000.000](#) [RFPRO33-500.000](#)