



## RUGGEDIZED FREE-RUNNING OSCILLATORS

- Frequencies from 3 to 32 GHz
- Exceptionally Low Phase Noise
  - Typically 135 dBc/Hz @ 100 kHz Offset ( $F_0=3.3$  GHz)
- Stability Typically ,1 ppm/°C
- Output Power to +18 dBm
- -90 dBc Spurious
- Environmental
  - >5,000 G Acceleration
  - Vibration >23.4  $G_{RMS}$ , 1.09" DA in all Orthogonal Axes
  - -54° to +95°C Operation
- MTFB > 500,00 Hours
- Hermetic Seal Optional

### PHASE NOISE PERFORMANCE CHART

