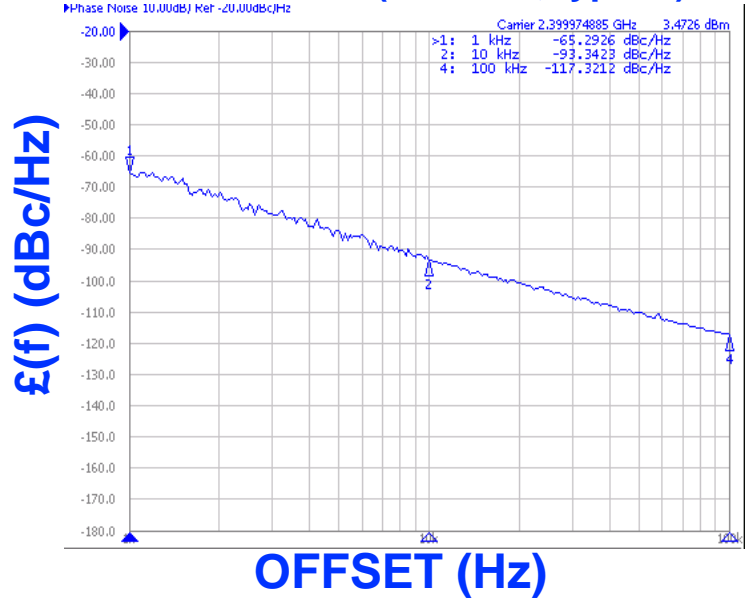




PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 1600 - 3200 MHz
- Tuning Voltage: 0.5-20 Vdc
- MINI-16-L - Style Package

APPLICATIONS

- Test Instrumentation
- CATV Headend Equipment
- Satellite Communication Systems

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1600 - 3200	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-89	dBc/Hz
Harmonic Suppression (2nd, typ.)	-28	dBc
Tuning Voltage	0.5-20	Vdc
Tuning Sensitivity (avg.)	111	MHz/V
Power Output	7.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<16	MHz/V
Pulling (14dB Return Loss, Any Phase)	<10	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-16-L	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	26	mA

All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

