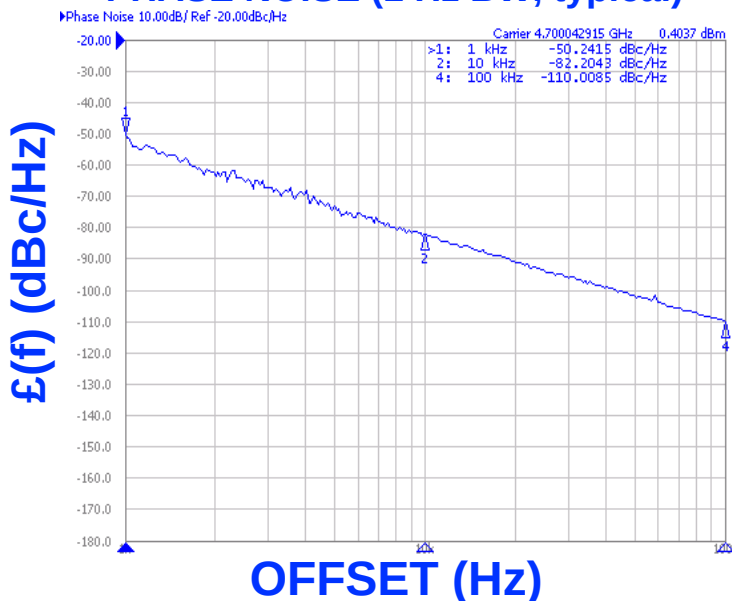


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 4400 - 5000 MHz
- Tuning Voltage: 1 - 9 Vdc
- SUB-L - Style Package

APPLICATIONS

- Microwave Radios
- Satellite Communications
-

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	4400 - 5000	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-82	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	1 - 9	Vdc
Tuning Sensitivity (avg.)	180	MHz/V
Power Output	8±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	10	pF
Pushing	<6	MHz/V
Pulling (14dB Return Loss, Any Phase)	<14	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	SUB-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	10	Vdc
Supply Current (Icc, typ.)	24	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:

Phase Noise @ 1 kHz offset (1 Hz BW, max.): -82dBc/Hz

