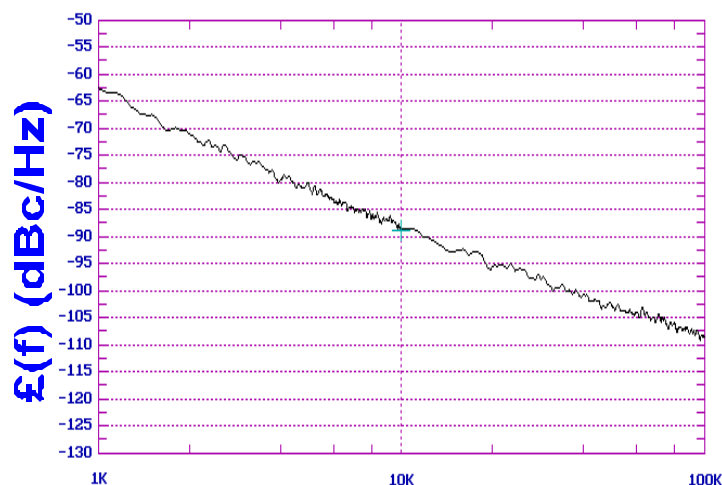




PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES

- Frequency Range: 2630 - 2650 MHz
- Tuning Voltage: 0.5-2.5 Vdc
- SUB-L - Style Package

APPLICATIONS

- Microwave Links
- WLAN
- Portable Radios

PERFORMANCE SPECIFICATIONS

VALUE

UNITS

Oscillation Frequency Range	2630 - 2650	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-88	dBc/Hz
Harmonic Suppression (2nd, typ.)	- 15	dBc
Tuning Voltage	0.5-2.5	Vdc
Tuning Sensitivity (avg.)	117	MHz/V
Power Output	5±2	dBm
Load Impedance	50	?
Input Capacitance (max.)	50	pF
Pushing	< 10	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<15	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	SUB-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	3	Vdc
Supply Current (Icc, typ.)	14	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:

