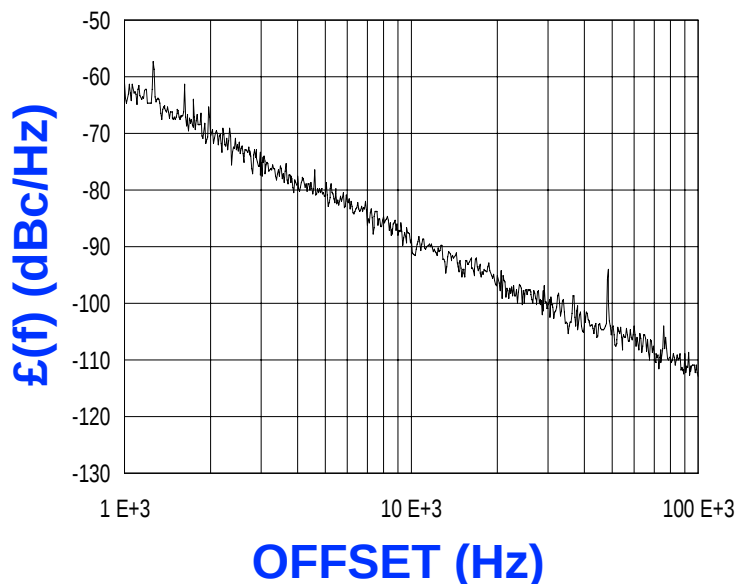


PHASE NOISE (1 Hz BW, typical)



FEATURES
• Frequency Range: 3320 - 3600 MHz • Tuning Voltage: 0.5-2.2 Vdc • SUB-L - Style Package
APPLICATIONS
• Personal Communications Systems • WLAN • Portable Radios

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	3320 - 3600	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-88	dBc/Hz
Harmonic Suppression (2nd, typ.)	-20	dBc
Tuning Voltage	0.5-2.2	Vdc
Tuning Sensitivity (avg.)	220	MHz/V
Power Output	5±3	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<7	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<7	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:

FREQUENCY (MHz)



POWER OUTPUT (dBm)



P1= VT
P2= RF OUT
P3= VCE