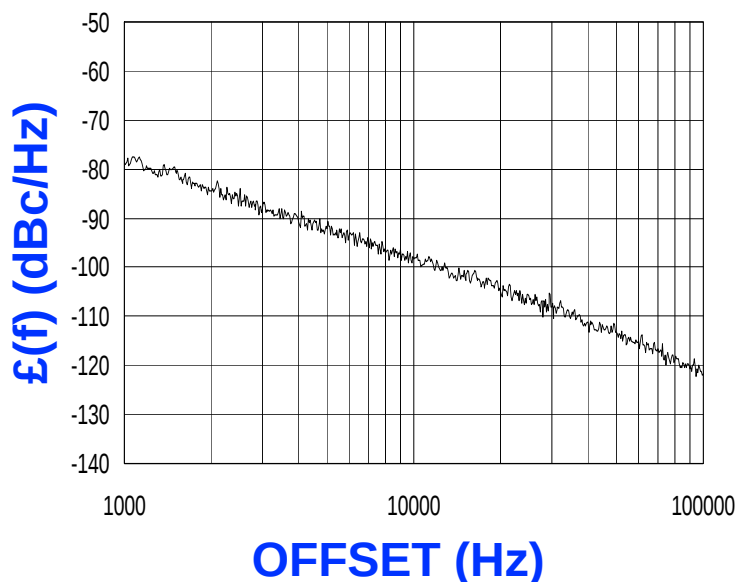


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 210 - 235 MHz
- Tuning Voltage: 0-3 Vdc
- SUB-L - Style Package

APPLICATIONS

- Portable Radios
- RF Modems
- Satellite Communications

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	210 - 235	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-100	dBc/Hz
Harmonic Suppression (2nd, typ.)	-13	dBc
Tuning Voltage	0-3	Vdc
Tuning Sensitivity (avg.)	14	MHz/V
Power Output	-0.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	500	pF
Pushing	<3	MHz/V
Pulling (14dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-40 TO +85	°C
Package Style	SUB-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	3.3	Vdc
Supply Current (Icc, typ.)	15	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