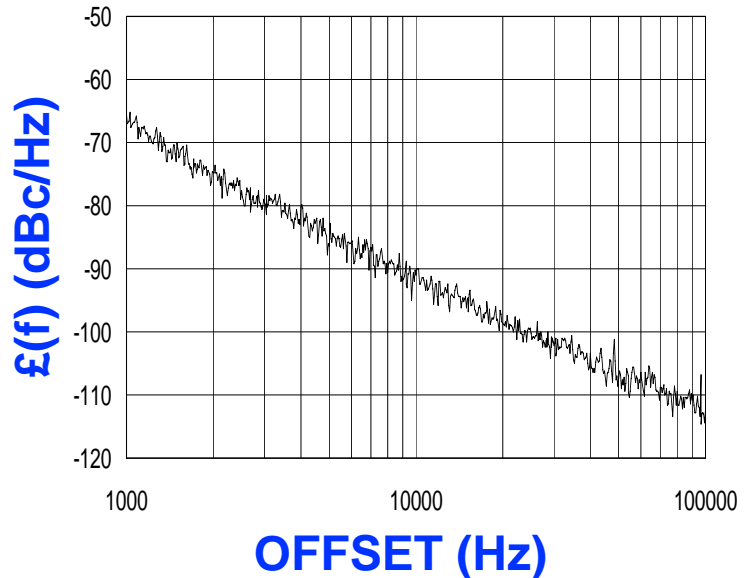


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2275 - 2280 MHz
- Tuning Voltage: 0.3-3 Vdc
- SUB-L - Style Package

APPLICATIONS

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PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	2275 - 2280	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-91	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.3-3	Vdc
Tuning Sensitivity (avg.)	147	MHz/V
Power Output	4.5±2.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	6	MHz/V
Pulling (14 dB Return Loss, Any Phase)	8	MHz
Operating Temperature Range	-40 to 90	$^{\circ}\text{C}$
Package Style	SUB-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	3	Vdc
Supply Current (Icc, typ.)	13	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:

