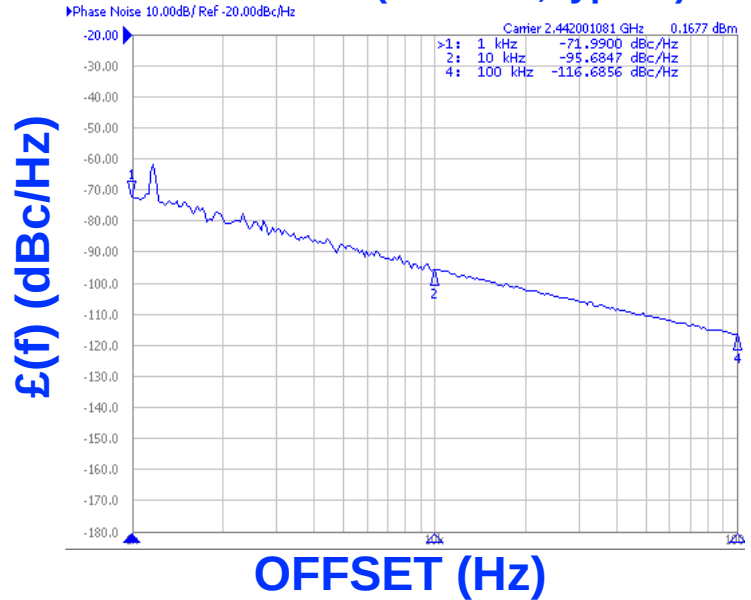




PHASE NOISE (1 Hz BW, typical)



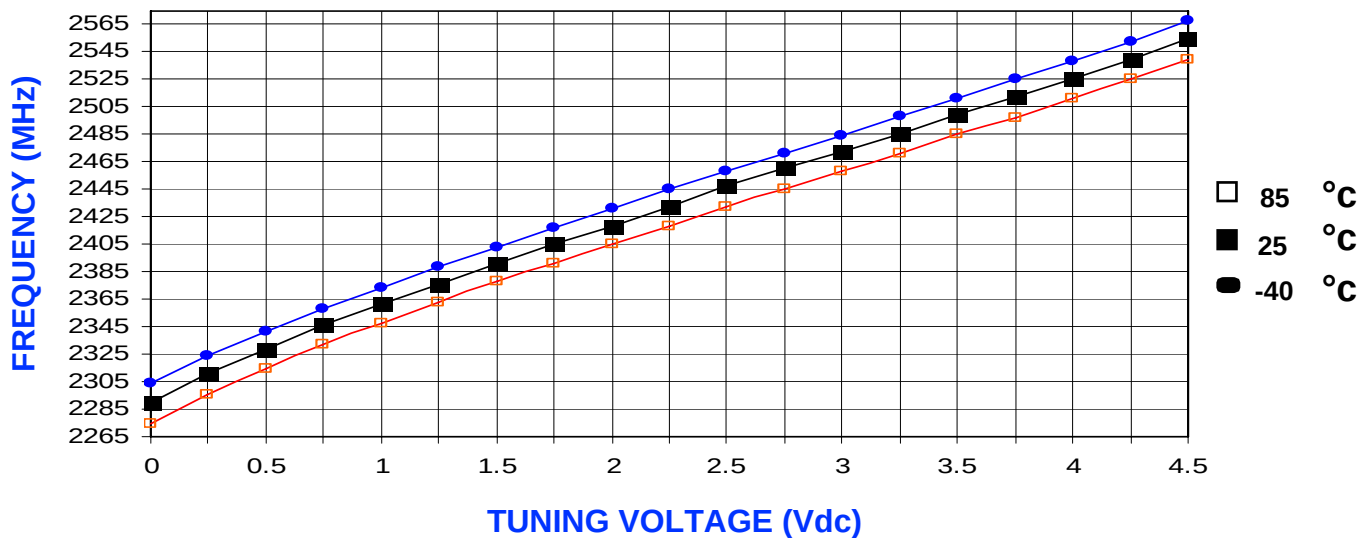
FEATURES
- Frequency Range: 2400 - 2484 MHz - Tuning Voltage: 0.5-4.5 Vdc - MINI-14H - Style Package
APPLICATIONS
- WLAN - Broadcast Systems - Mobile Communication Systems

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2400 - 2484	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-96	dBc/Hz
Harmonic Suppression (2nd, typ.)	-17	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	55	MHz/V
Power Output	6.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<3	MHz/V
Pulling (14dB Return Loss, Any Phase)	<12	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14H	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	13	mA

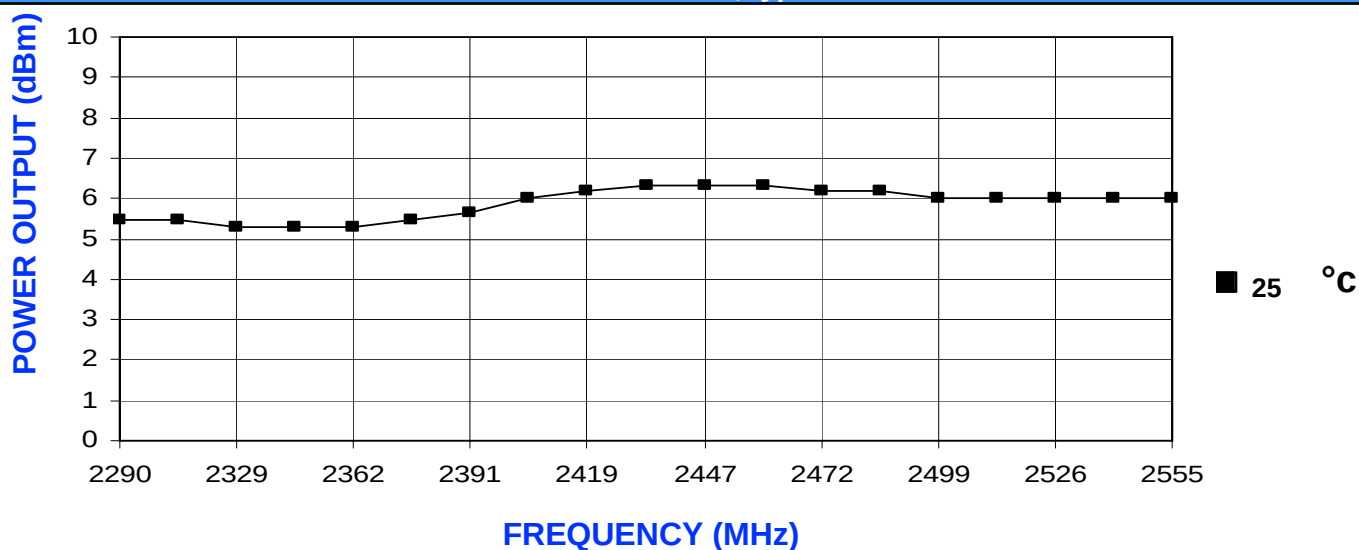
All specifications are typical unless otherwise noted and subject to change without notice.

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:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

