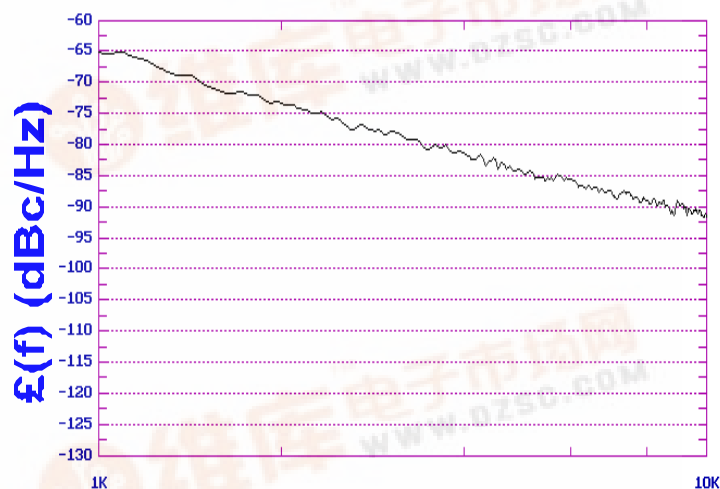


PHASE NOISE (1 Hz BW, typical)



OFFSET (Hz)

FEATURES	
• Frequency Range:	2710 - 3010 MHz
• Tuning Voltage:	0.5-5.5 Vdc
• MINI-14H - Style Package	
APPLICATIONS	
• WLAN	
• Digital Radios	
• Earthstations	

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	2710 - 3010	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-90	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-5.5	Vdc
Tuning Sensitivity (avg.)	102	MHz/V
Power Output	0±3	dBm
Load Impedance	50	?
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<10	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.)	14	mA

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

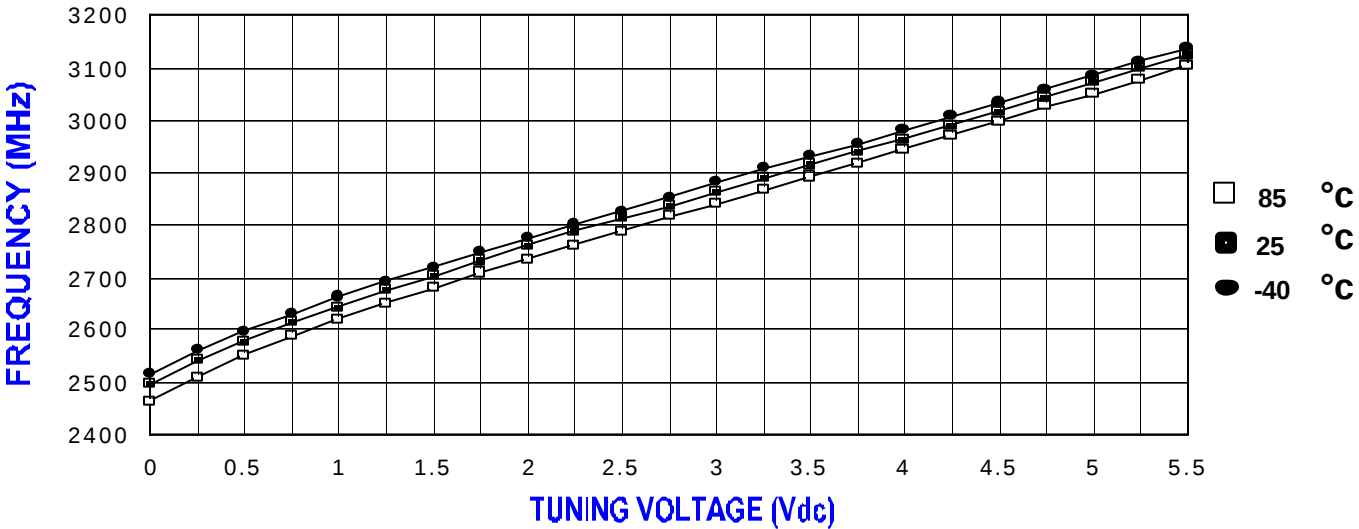
APPLICATION NOTES
• AN-100/1 : Mounting and Grounding of VCOs • AN-102 : Proper Output Loading of VCOs • AN-107 : How to Solder Z-COMM VCOs

NOTES:

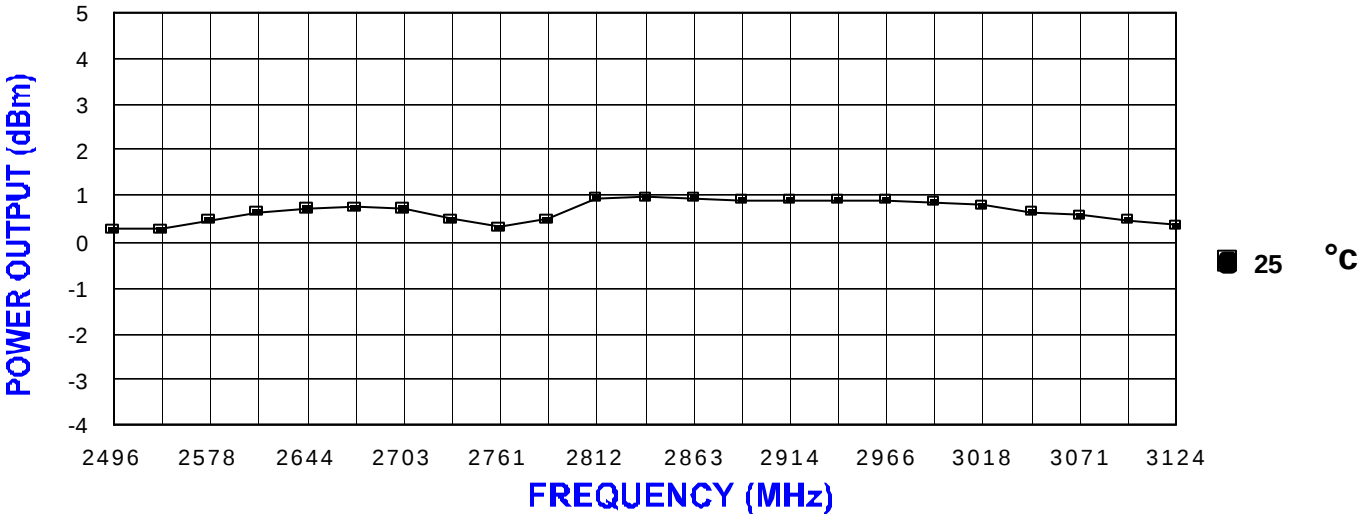

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LOW COST - HIGH PERFORMANCE
VOLTAGE CONTROLLED OSCILLATOR

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

