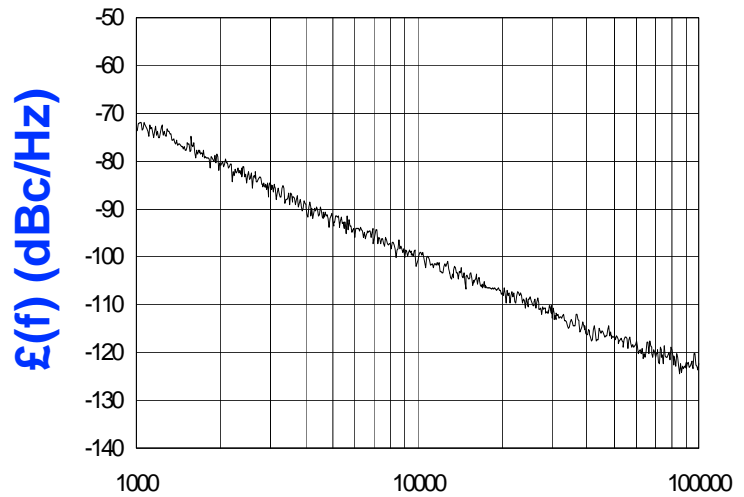


PHASE NOISE (1 Hz BW, typical)



FEATURES

- Frequency Range: 2495 - 2625 MHz
- Tuning Voltage: 0.5-4.5 Vdc
- MINI-16-L - Style Package

APPLICATIONS

- WLAN
- Broadcast Systems
- Mobile Communication Systems

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	2495 - 2625	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-100	dBc/Hz
Harmonic Suppression (2nd, typ.)	-20	dBc
Tuning Voltage	0.5-4.5	Vdc
Tuning Sensitivity (avg.)	59	MHz/V
Power Output	0.5±3.5	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<4	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<1	MHz
Operating Temperature Range	-30 to 70	°C
Package Style	MINI-16-L	

POWER SUPPLY REQUIREMENTS

Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	25	mA

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

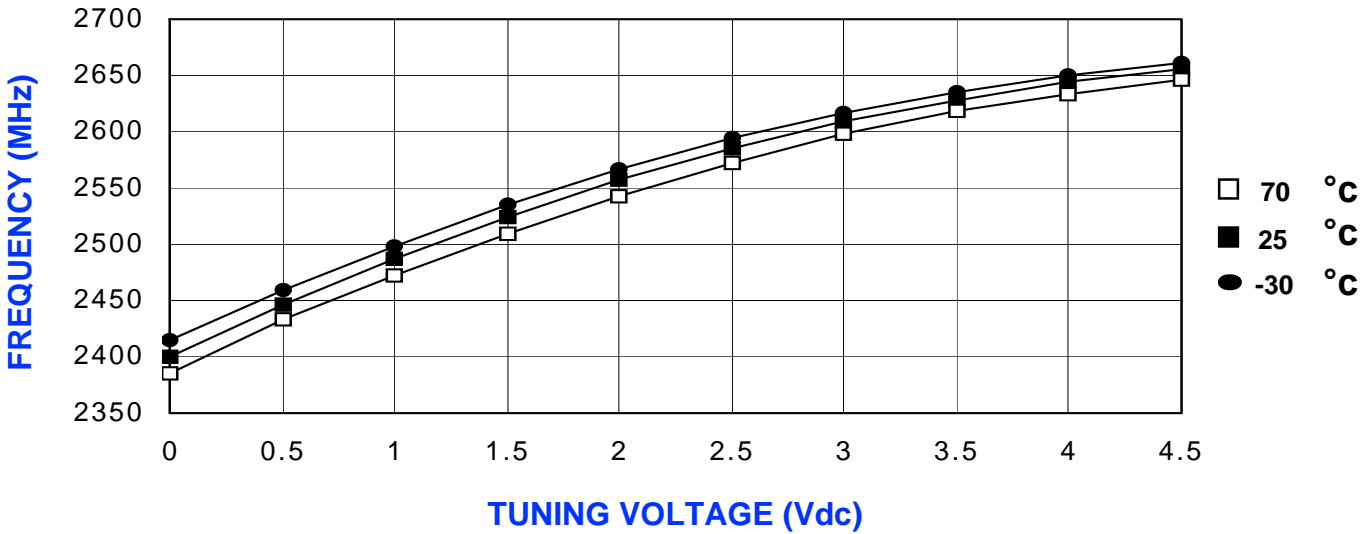
APPLICATION NOTES

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

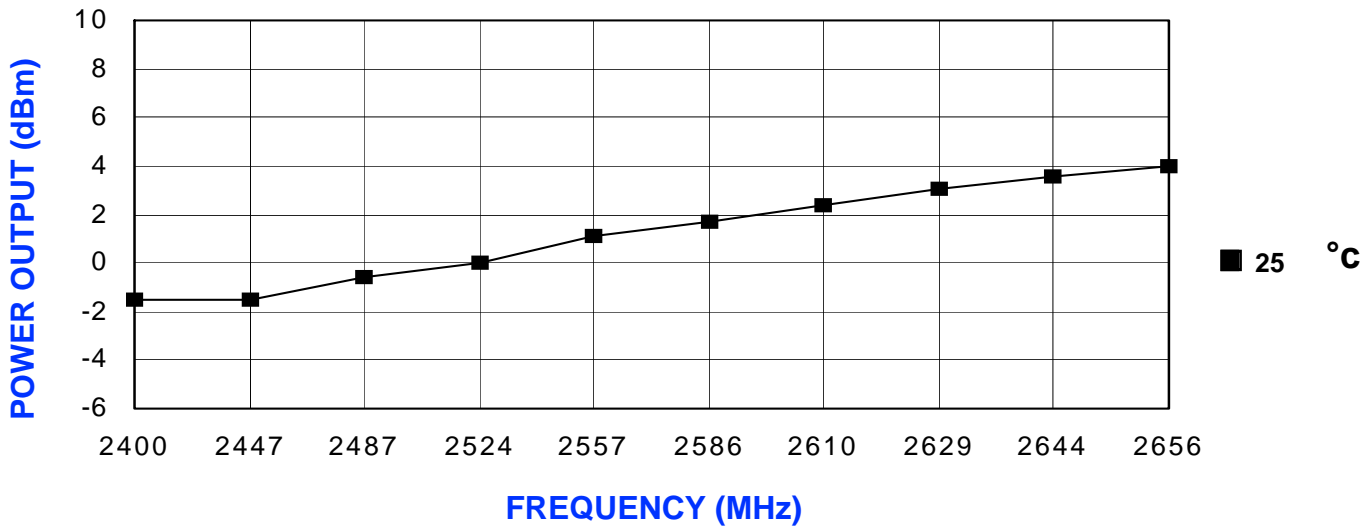
NOTES:

Phase Noise @ 100 kHz offset (1 Hz BW, typ.): -122 dBc/Hz

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

