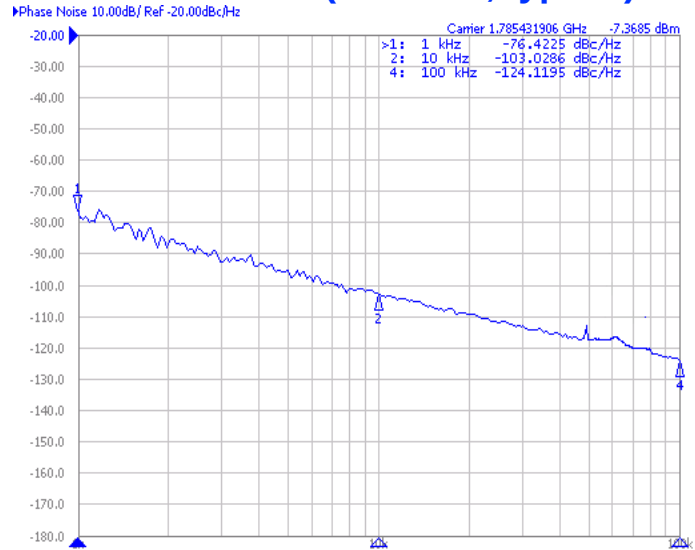


PHASE NOISE (1 Hz BW, typical)**FEATURES**

- Frequency Range: 1755 MHz
- Tuning Voltage: 1-4 Vdc
- 375 - Style Package

APPLICATIONS

- Earthstations
- Satellite Modems
- PCS Basestations

PERFORMANCE SPECIFICATIONS

	VALUE	UNITS
Oscillation Frequency Range	1755 - 1816	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-102	dBc/Hz
Harmonic Suppression (2nd, typ.)	-24	dBc
Tuning Voltage	1-4	Vdc
Tuning Sensitivity (avg.)	33	MHz/V
Power Output	0.75±2.75	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<1	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<3	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	375	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	18	mA

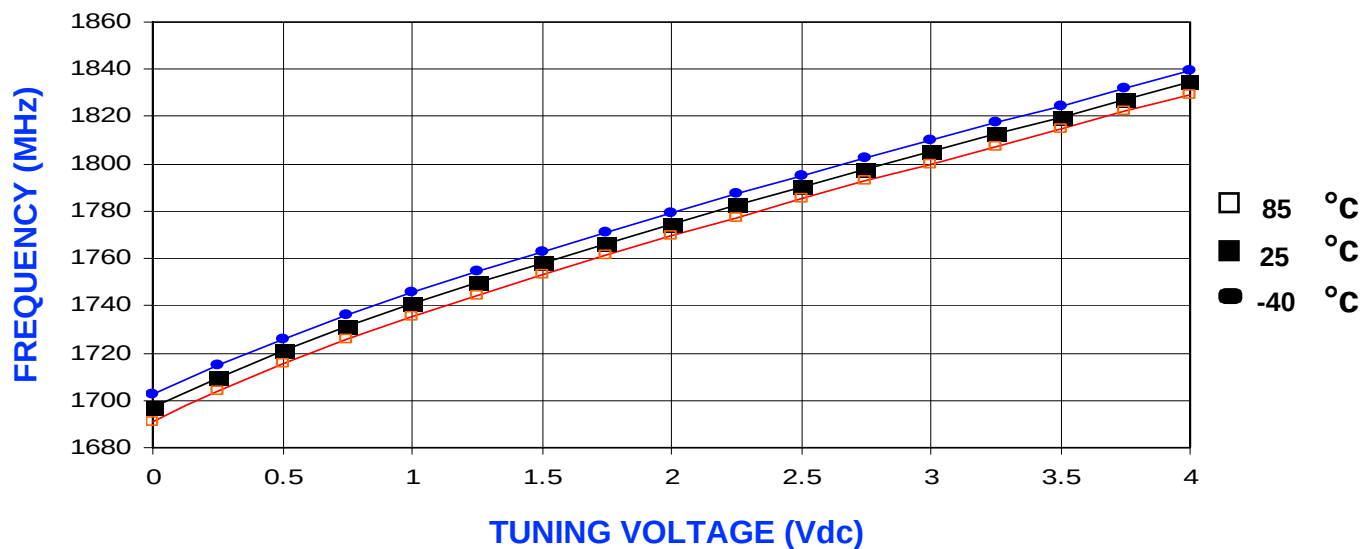
All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

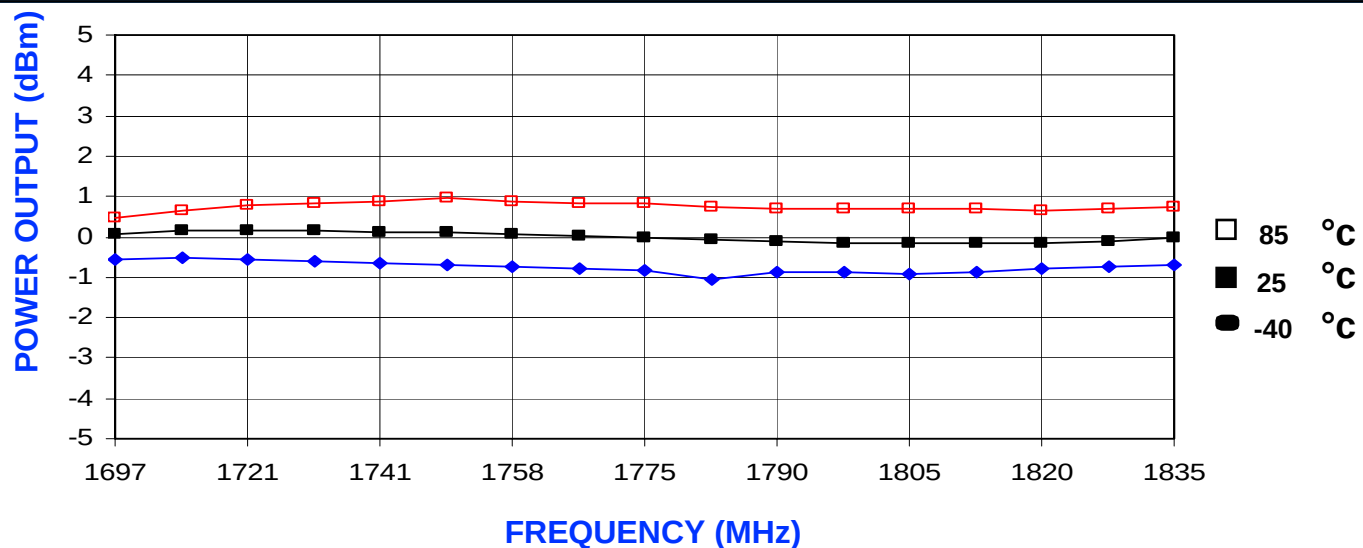
- AN-100/1 : Mounting and Grounding of VCOs
- AN-102 : Proper Output Loading of VCOs
- AN-107 : How to Solder Z-COMM VCOs

NOTES:

TUNING CURVE, typ.



POWER CURVE, typ.



PHYSICAL DIMENSIONS

Unknown container object