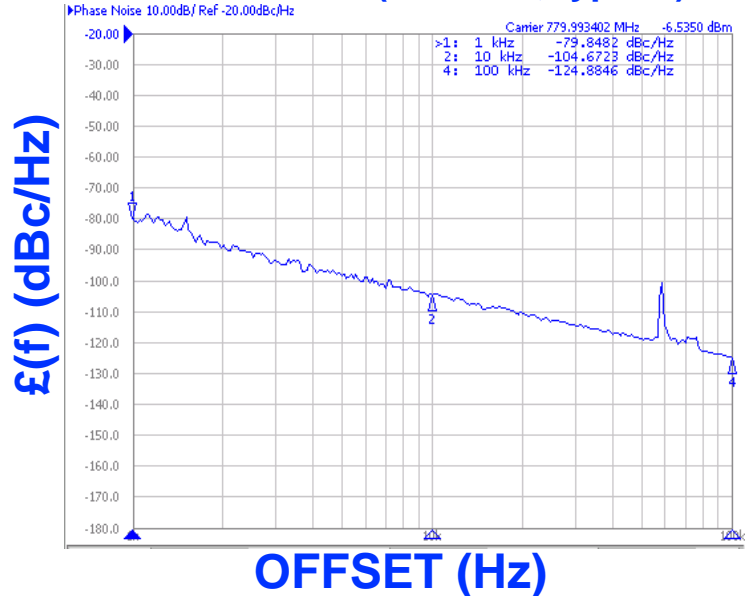


**PHASE NOISE (1 Hz BW, typical)**



**FEATURES**

- Frequency Range: 750 - 810 MHz
- Tuning Voltage: 0.5-3.0 Vdc
- SUB-L - Style Package

**APPLICATIONS**

- Satellite Communications
- Portable Radios
- RF Modems

**PERFORMANCE SPECIFICATIONS**

	VALUE	UNITS
Oscillation Frequency Range	750 - 810	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-105	dBc/Hz
Harmonic Suppression (2nd, typ.)	-10	dBc
Tuning Voltage	0.5-3.0	Vdc
Tuning Sensitivity (avg.)	40	MHz/V
Power Output	3±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14 dB Return Loss, Any Phase)	<5	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	SUB-L	

**POWER SUPPLY REQUIREMENTS**

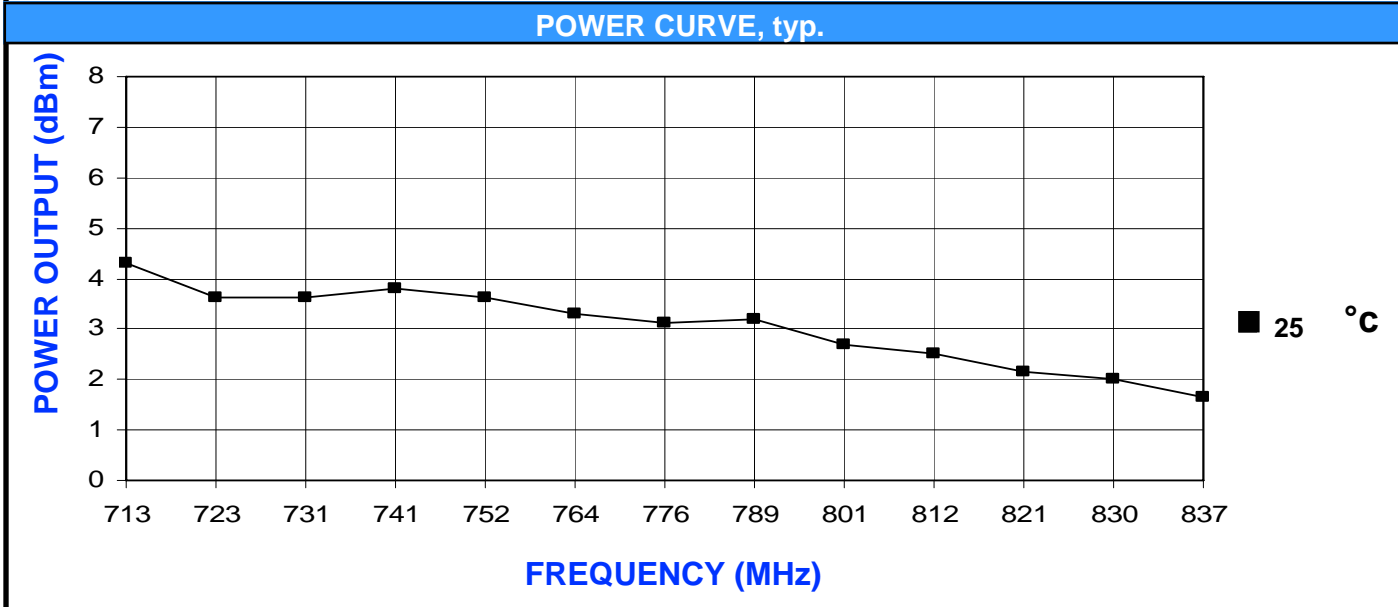
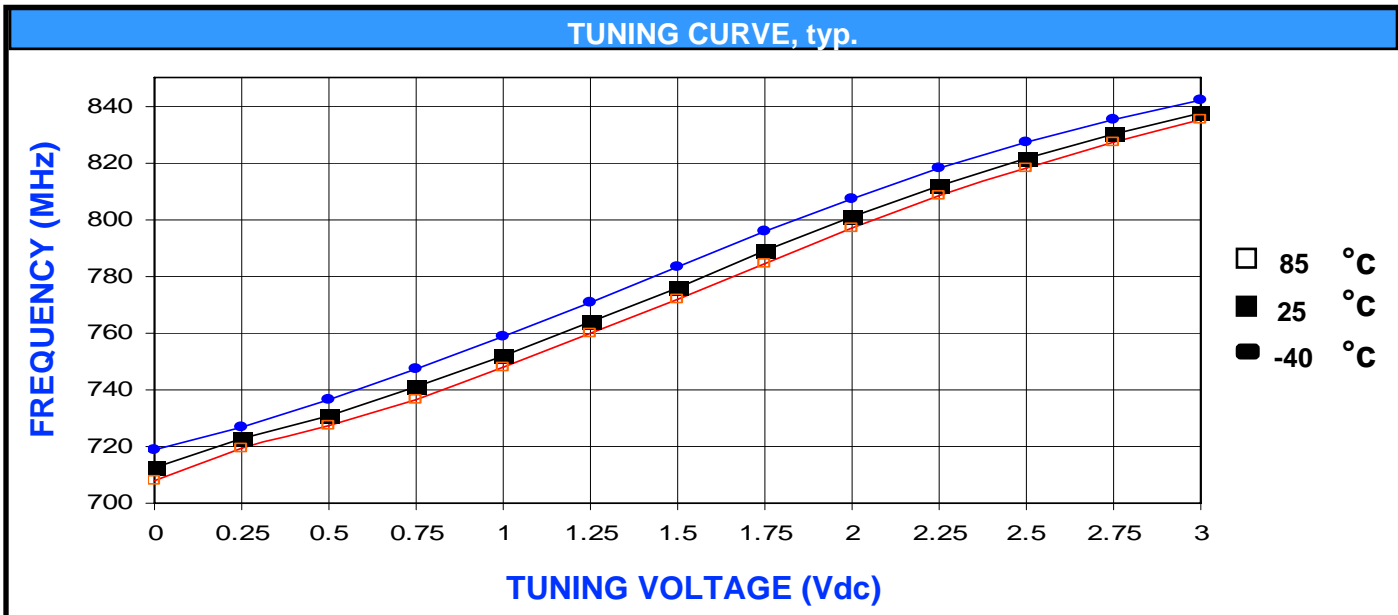
Supply Voltage (Vcc, nom.)	2.7	Vdc
Supply Current (Icc, typ.)	9	mA

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:**



### PHYSICAL DIMENSIONS

