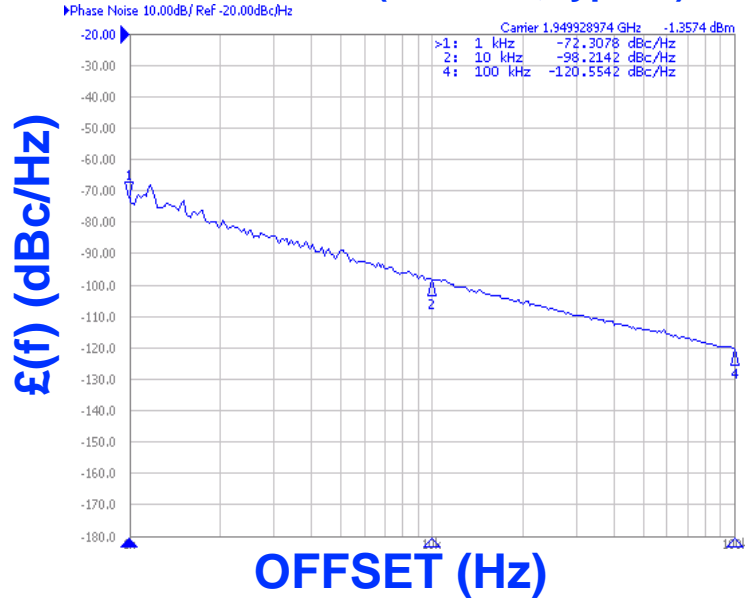


PHASE NOISE (1 Hz BW, typical)



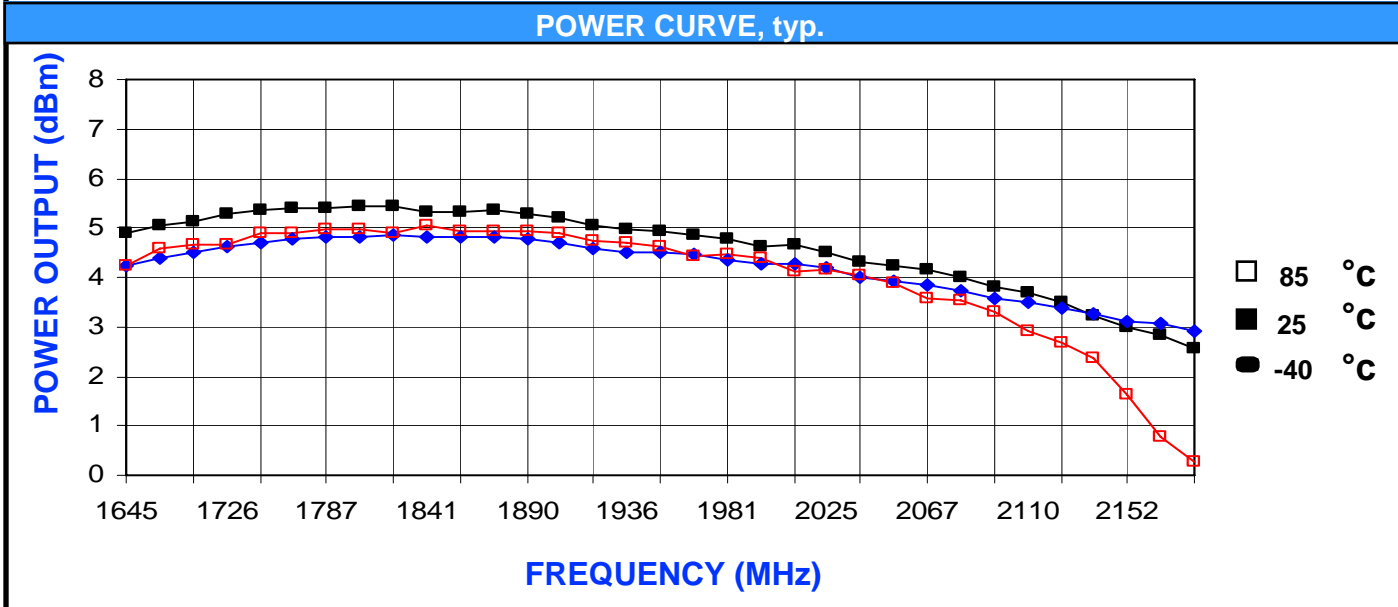
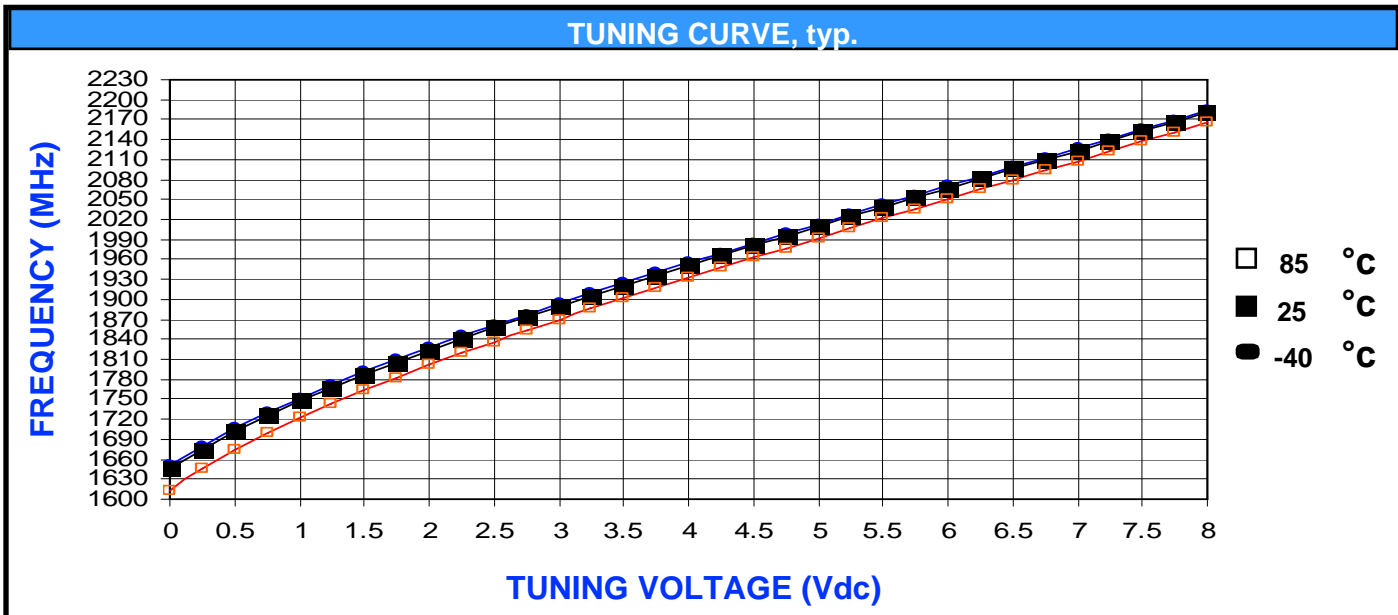
FEATURES
<ul style="list-style-type: none"> • Frequency Range: 1900 - 2100 MHz • Tuning Voltage: 0-8 Vdc • MINI-14S - Style Package
APPLICATIONS
<ul style="list-style-type: none"> • Portable radios • PCS •

PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Oscillation Frequency Range	1900 - 2100	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-98	dBc/Hz
Harmonic Suppression (2nd, typ.)	-15	dBc
Tuning Voltage	0-8	Vdc
Tuning Sensitivity (avg.)	62	MHz/V
Power Output	4±2	dBm
Load Impedance	50	Ω
Input Capacitance (max.)	50	pF
Pushing	<5	MHz/V
Pulling (14dB Return Loss, Any Phase)	<7	MHz
Operating Temperature Range	-40 to 85	°C
Package Style	MINI-14S	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	17	mA

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

APPLICATION NOTES
<ul style="list-style-type: none"> • 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

