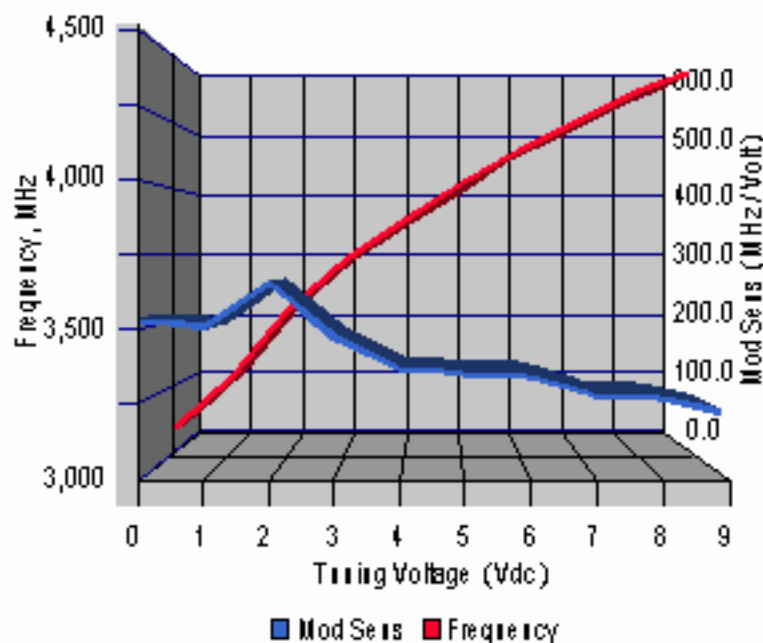


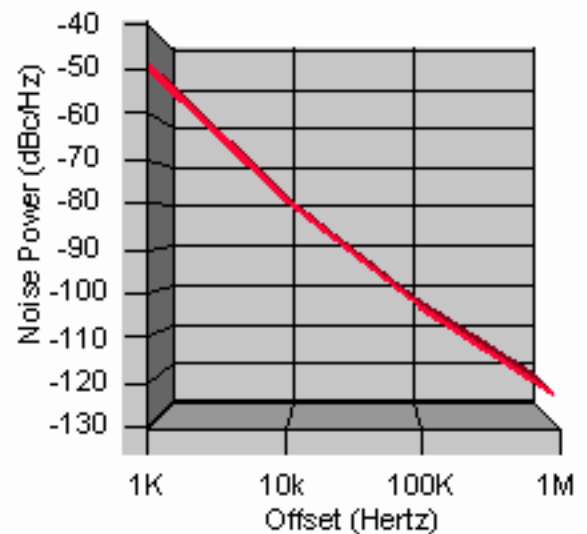
Voltage Controlled Oscillator Specifications

Model Number:	MV153	Pushing (Mhz/ V):	5
Frequency (MHz):	3690-4400	Pulling (MHz pp):	25
Tuning Voltage (Vdc):	1-10	Drift (KHz / deg c):	400
RF Power Out (dBm):	+7	Avg Mod Sens (MHz/V):	110
Supply Voltage (Vdc):	+11	Mod Bandwidth (MHz):	5
Supply Current (ma):	22	Noise (dBc/Hz/100KHz):	-103
Harmonics All (dBc):	-15	Noise (dBc/Hz/10KHz):	-79
Temp Range (deg c):	-40 to +85	Noise (dBc/Hz/1KHz):	-49
Power vsTemp (dB/c):	0.015 typ	Available Packages:	Call

MV153
Freq / Mod Sens vs Tuning Voltage



MV153
Phase Noise (dBc) vs Offset (Hz)



All listed data typ at +25 deg c.

Drawn by RDW	<i>Modco, Inc.</i> 808 Packer Way Sparks Nevada, 89431 http://www.modcoinc.com		
Sheet number 1 of 1			
Scale NTS	Model Number	MV153	
Location Eng /bhc	Drawing Number	051398-6	Rev ORG