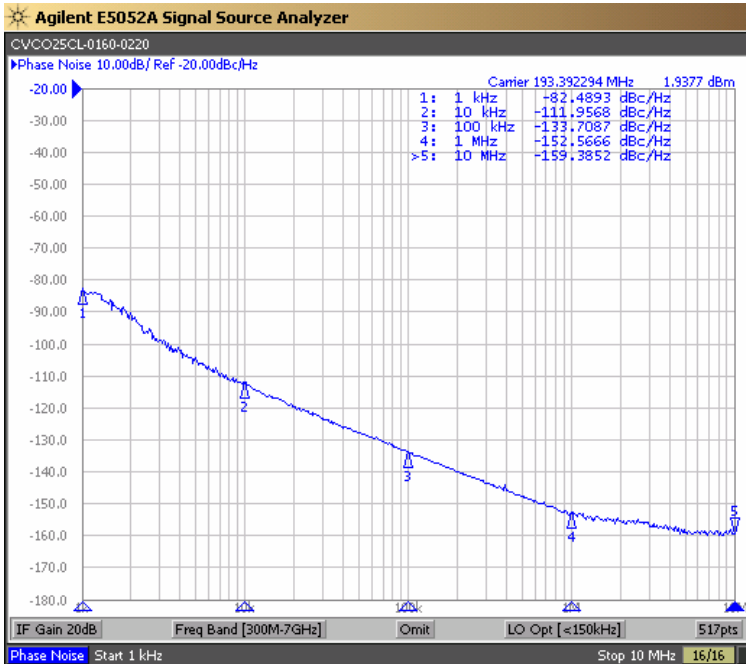


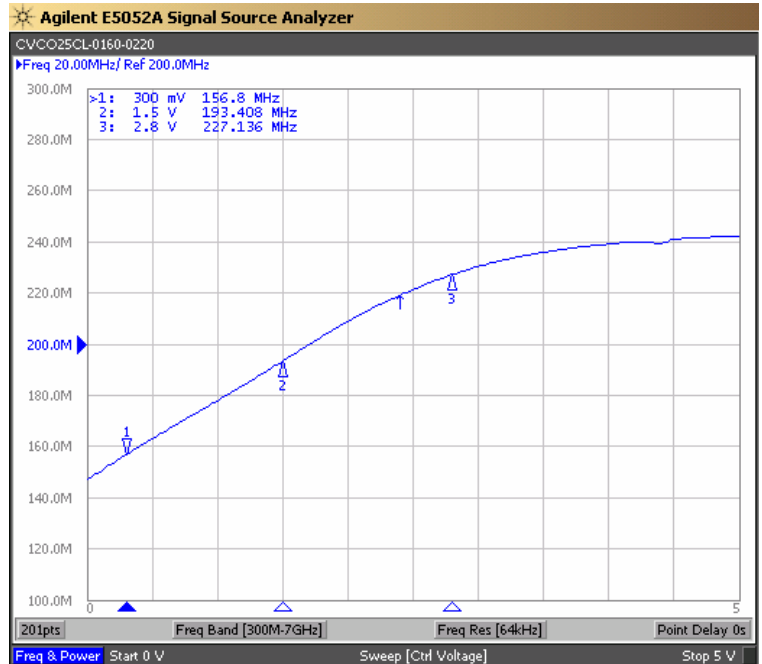


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			160	MHz
Upper Frequency:	220			MHz
Tuning Voltage:	0.3		2.8	VDC
Supply Voltage:	3.135	3.3	3.465	VDC
Output Power:	0	+4.0	+8.0	dBm
Supply Current:			15	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10		dBc
Pushing:		0.5		MHz/V
Pulling, all Phases:		1.0		MHz pk-pk
Tuning Sensitivity:		52		MHz/V
Phase Noise @ 10kHz offset:		-110	-105	dBc/Hz
Phase Noise @ 100kHz offset:		-131		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			220	pF
Operating Temperature Range:	-20		+70	$^{\circ}$ C
Storage Temperature Range:	-55		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



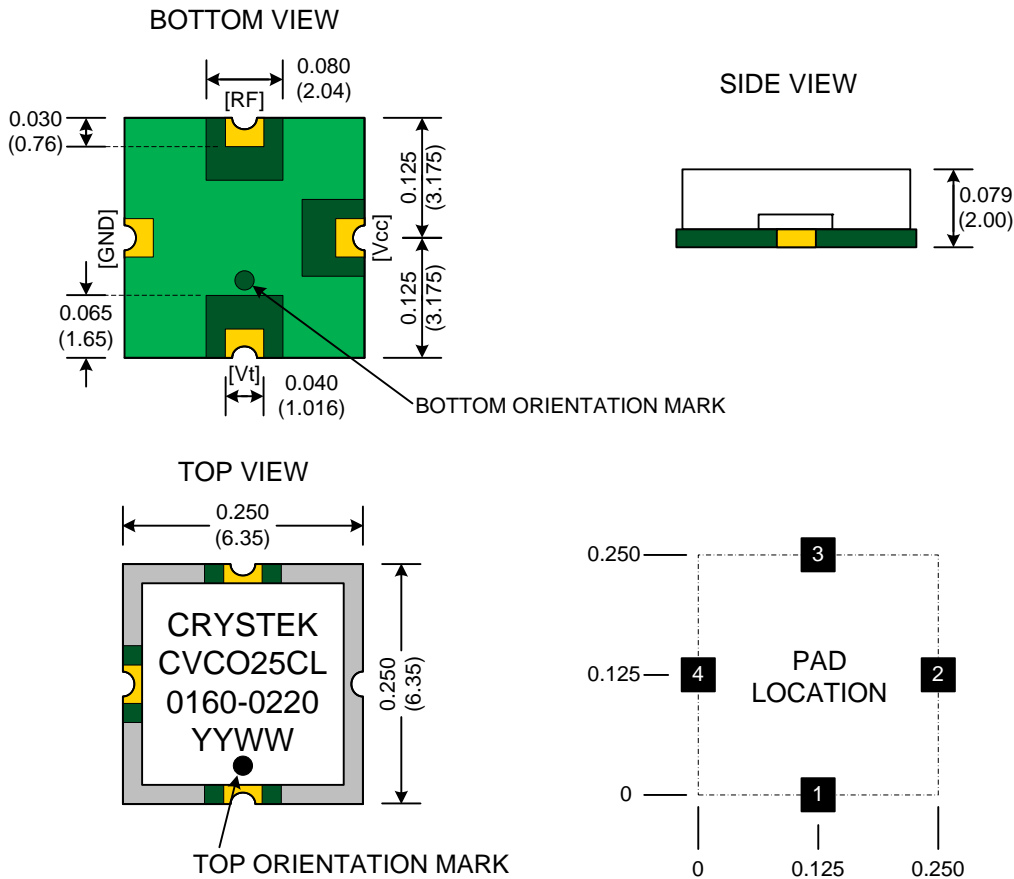
Tuning Curve (Typical)



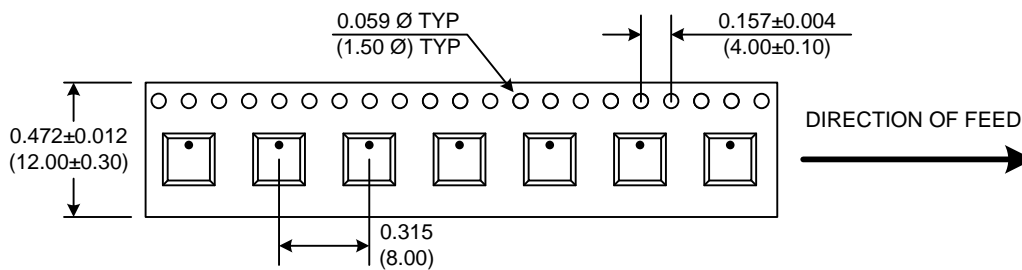
**Product Control:**

Crystek Part Number:	CVCO25CL-0160-0220	Release Date:	23-Sep-2015
Revision Level:	L	Responsible:	C. Vales





**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO25CL-0160-0220	Release Date:	23-Sep-2015
Revision Level:	L	Responsible:	C. Vales

Specification is subject to change without notice