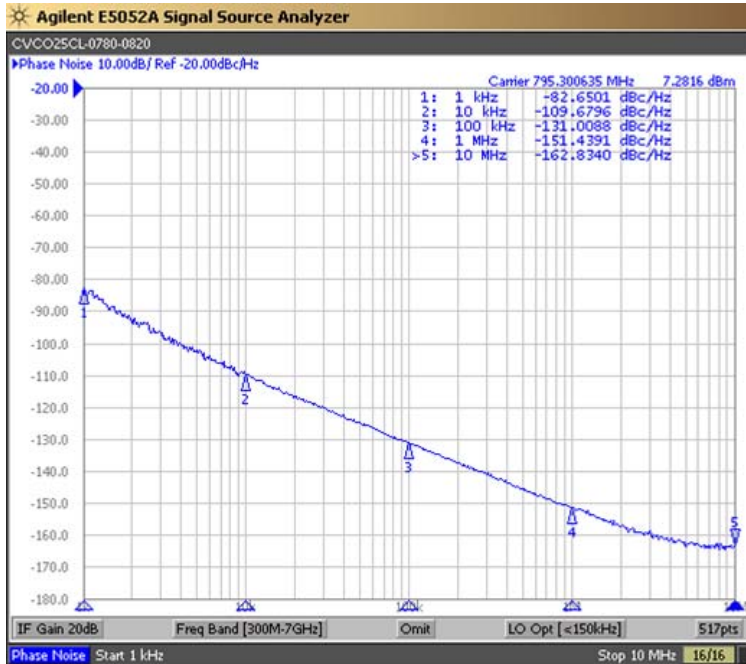


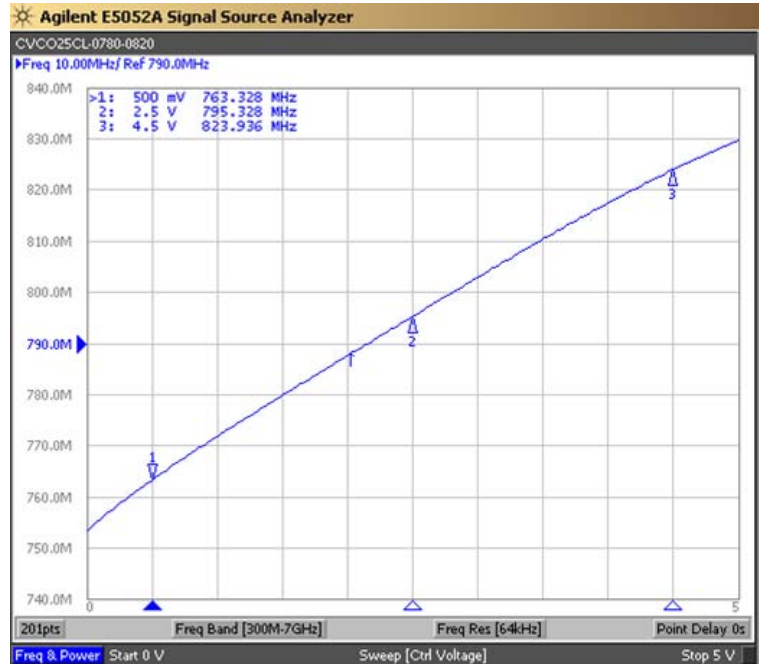


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			780	MHz
Upper Frequency:	820			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+6.0	+8.0	+10.0	dBm
Supply Current:		12		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		10		MHz/V
Phase Noise @ 10kHz offset:		-111		dBc/Hz
Phase Noise @ 100kHz offset:		-130		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



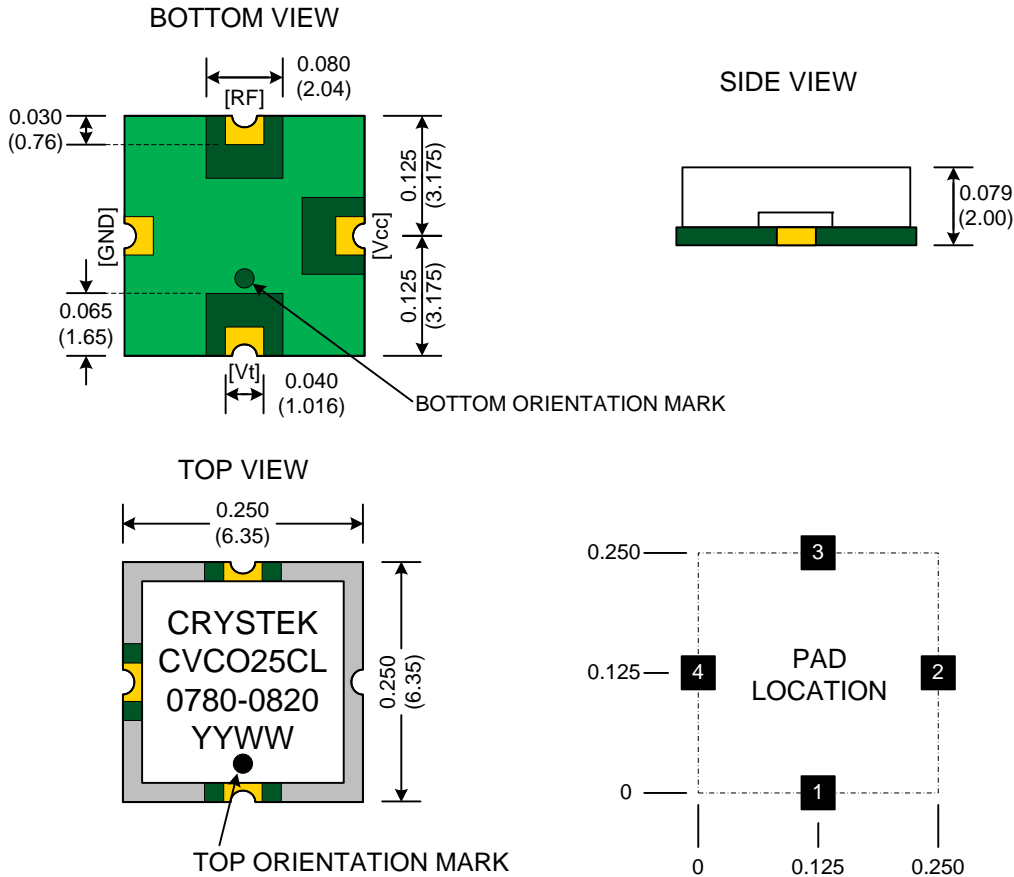
Tuning Curve (Typical)



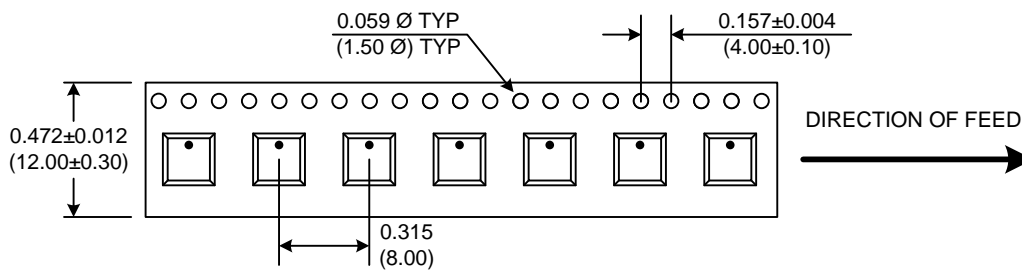
**Product Control:**

Crystek Part Number:	CVCO25CL-0780-0820	Release Date:	11-Mar-2015
Revision Level:	D	Responsible:	C. Vales





**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO25CL-0780-0820	Release Date:	11-Mar-2015
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice