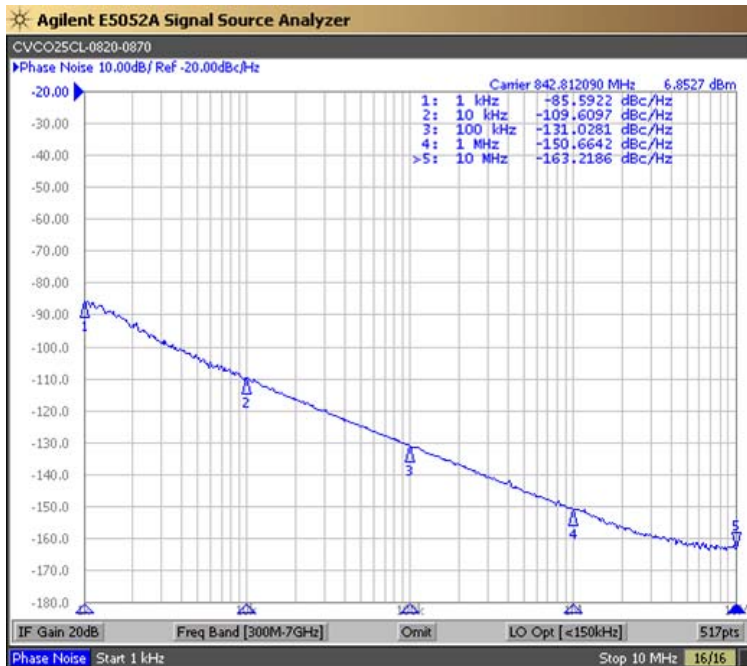


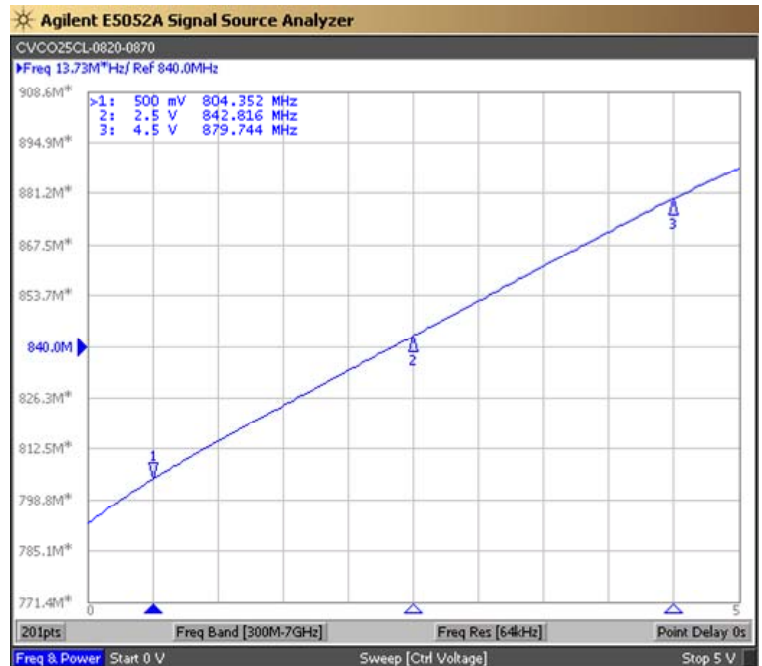


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			820	MHz
Upper Frequency:	870			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+7.0	+10.0	dBm
Supply Current:		12		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-10		dBc
Pushing:		5.0		MHz/V
Pulling, all Phases:		2.0		MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-102		dBc/Hz
Phase Noise @ 100kHz offset:		-122		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)

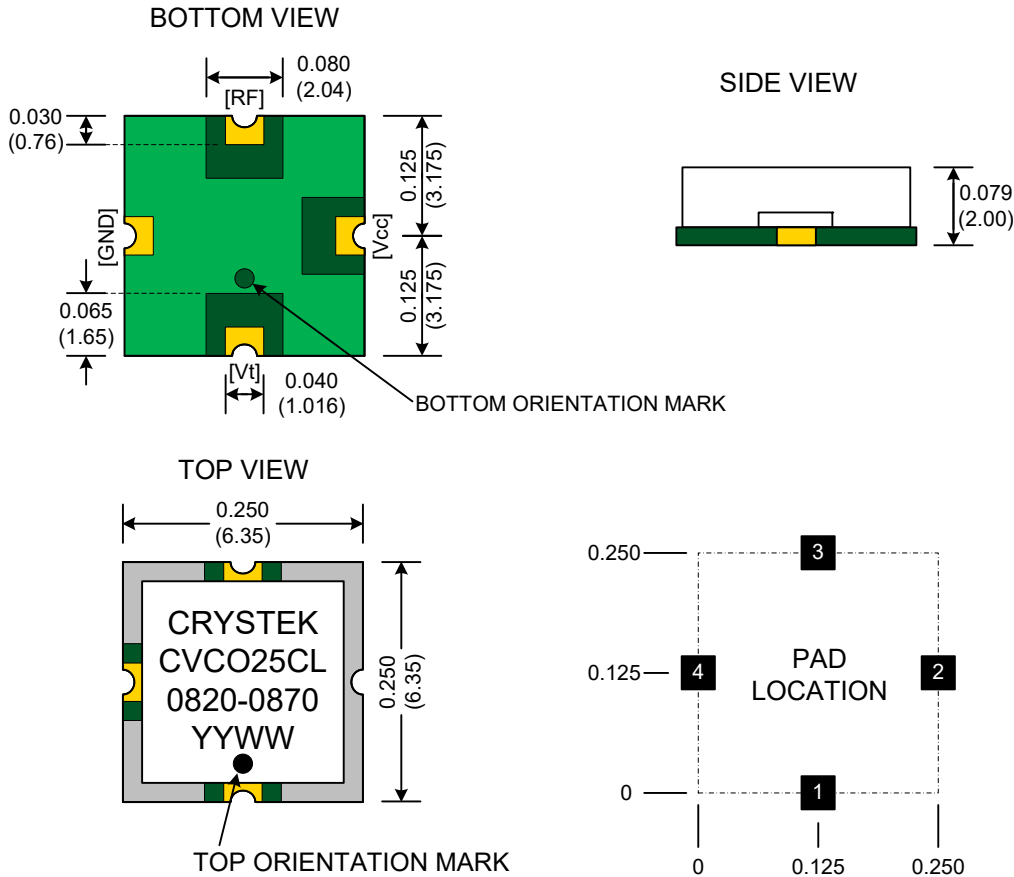


Tuning Curve (Typical)



**Product Control:**

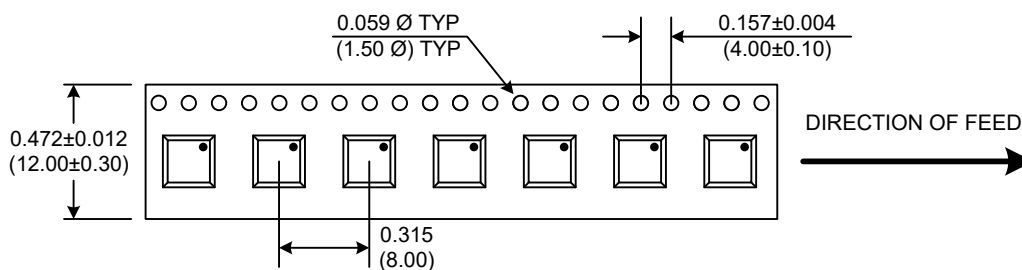
Crystek Part Number:	CVCO25CL-0820-0870	Release Date:	17-May-2023
Revision Level:	L	Responsible:	C. Vales



Pad	Connection
1	Vt
2	GROUND
3	RF-OUTPUT
4	Vcc

- Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{mm}}$
- Pad Location Dimensions are in: Inches

**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO25CL-0820-0870	Release Date:	17-May-2023
Revision Level:	L	Responsible:	C. Vales

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