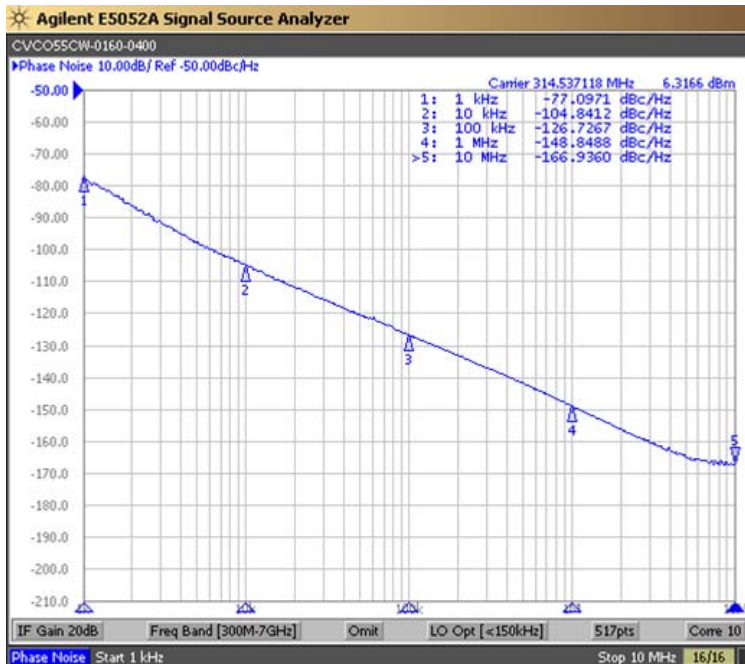


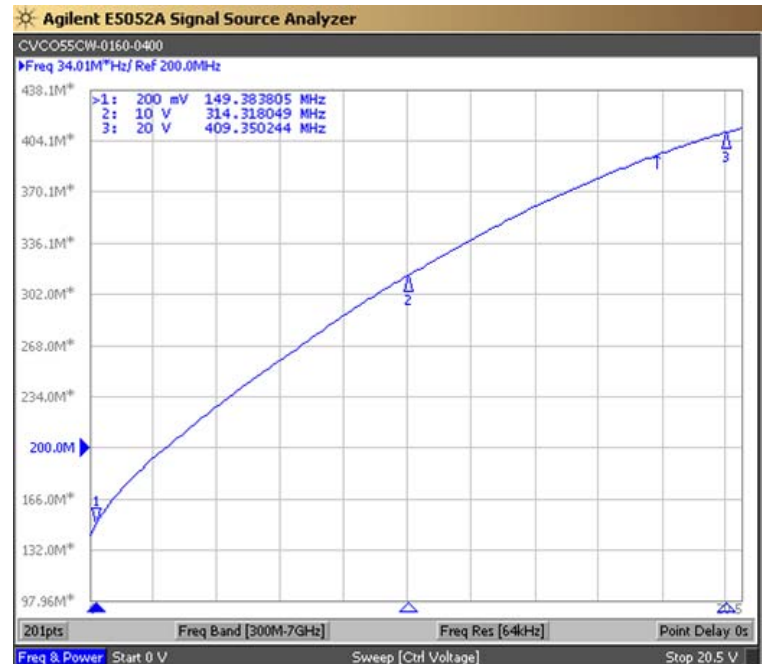


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			160	MHz
Upper Frequency:	400			MHz
Tuning Voltage:	0.2		20.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.5	+6.5	+10.5	dBm
Supply Current:		32	40	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		4.0		MHz/V
Pulling, all Phases:		5.0	10.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-105		dBc/Hz
Phase Noise @ 100kHz offset:		-125		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			220	pF
Operating Temperature Range:	-25		+80	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)

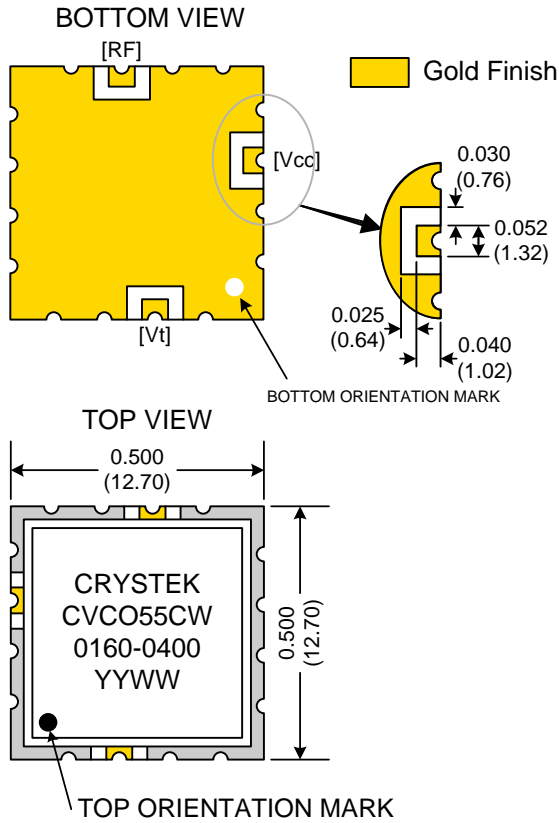


Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CW-0160-0400	Release Date:	26-Oct-2015
Revision Level:	D	Responsible:	C. Vales



Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

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

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CW-0160-0400	Release Date:	26-Oct-2015
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice