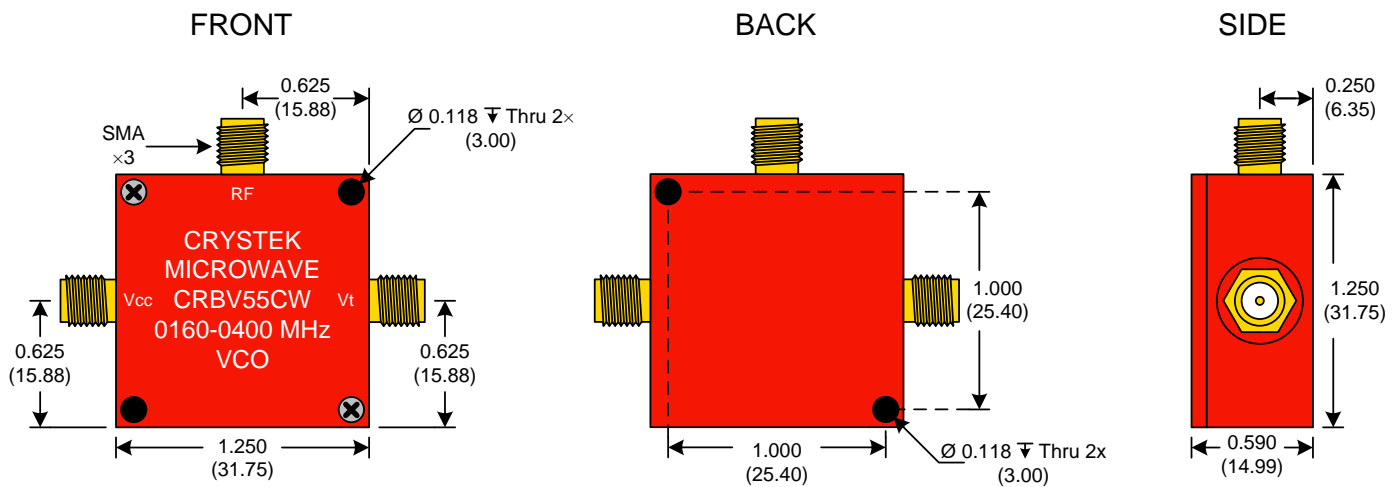


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			160	MHz
Upper Frequency:	400			MHz
Tuning Voltage:	0.2		20.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.5	+7.0	+10.5	dBm
Supply Current:		32	40	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-10		dBc
Pushing:		2.0	4.0	MHz/V
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		$\Omega$
Input Capacitance:			220	pF
Operating Temperature Range:	-25		+80	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



● Unless otherwise specified, Dimensions are in:  $\frac{\text{IN}}{\text{(mm)}}$

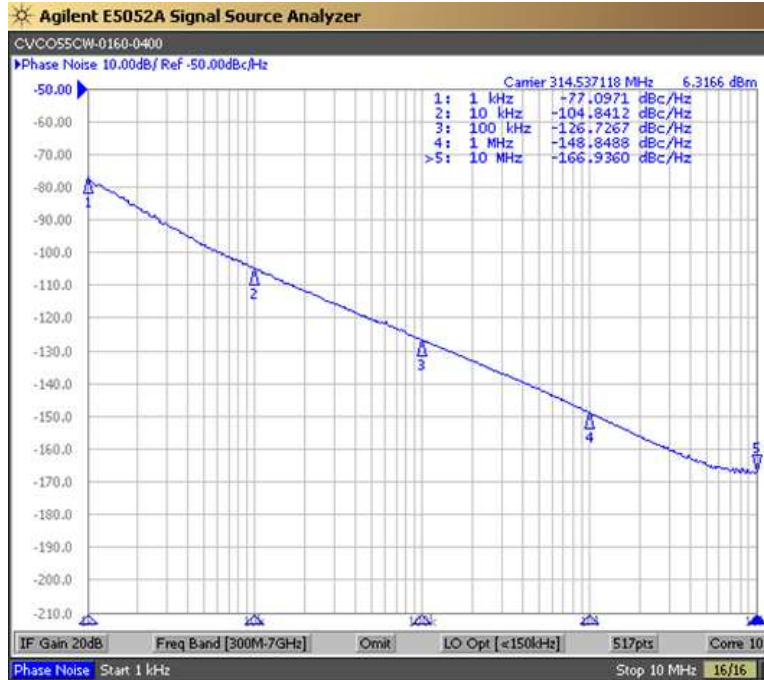
**Product Control:**

Crystek Part Number:	CRBV55CW-0160-0400	Release Date:	30-Aug-10
Revision Level:	A	Responsible:	C. Vales

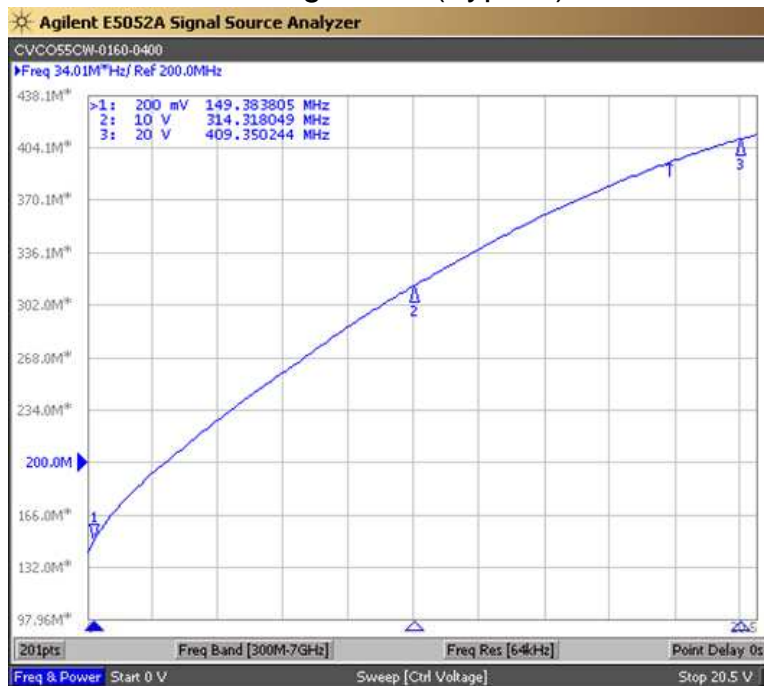




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CW-0160-0400	Release Date:	30-Aug-10
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

