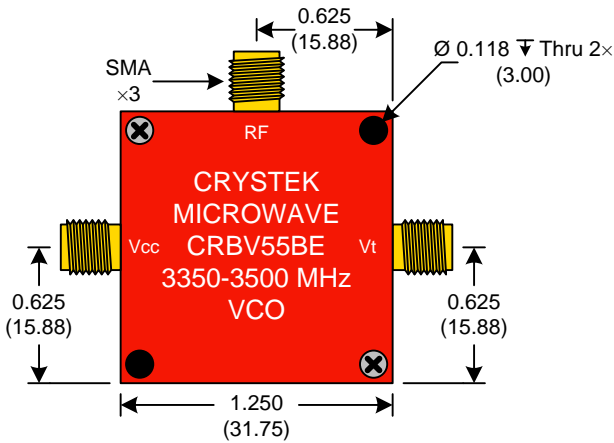


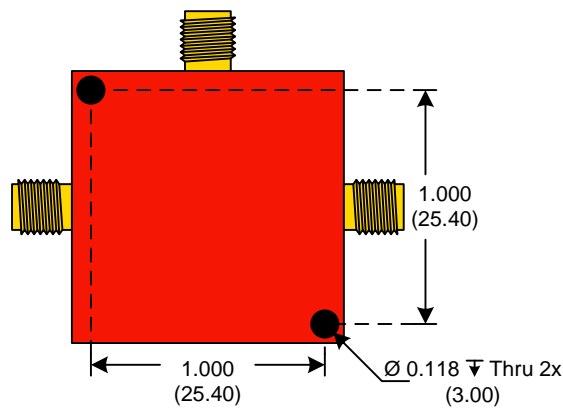


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3350	MHz
Upper Frequency:	3500			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+0.5	+2.5	+4.5	dBm
Supply Current:			20	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-30		dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			18.0	MHz pk-pk
Tuning Sensitivity:		45		MHz/V
Phase Noise @ 10kHz offset:		-97	-94	dBc/Hz
Phase Noise @ 100kHz offset:		-117		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			10	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

FRONT



BACK



SIDE



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

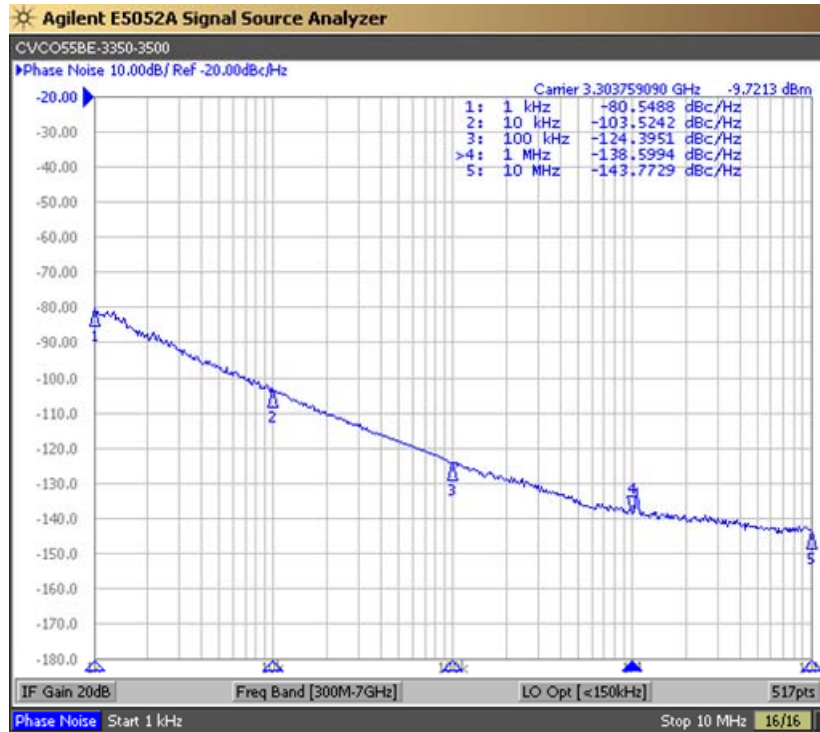
**Product Control:**

Crystek Part Number:	CRBV55BE-3350-3500	Release Date:	15-Dec-2014
Revision Level:	B	Responsible:	C. Vales

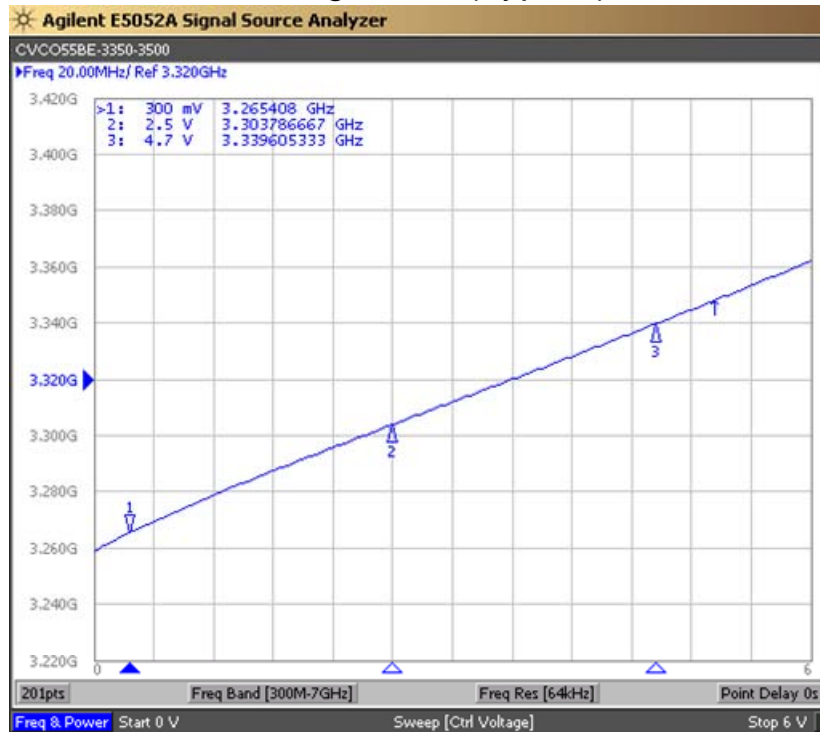




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55BE-3350-3500	Release Date:	15-Dec-2014
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

