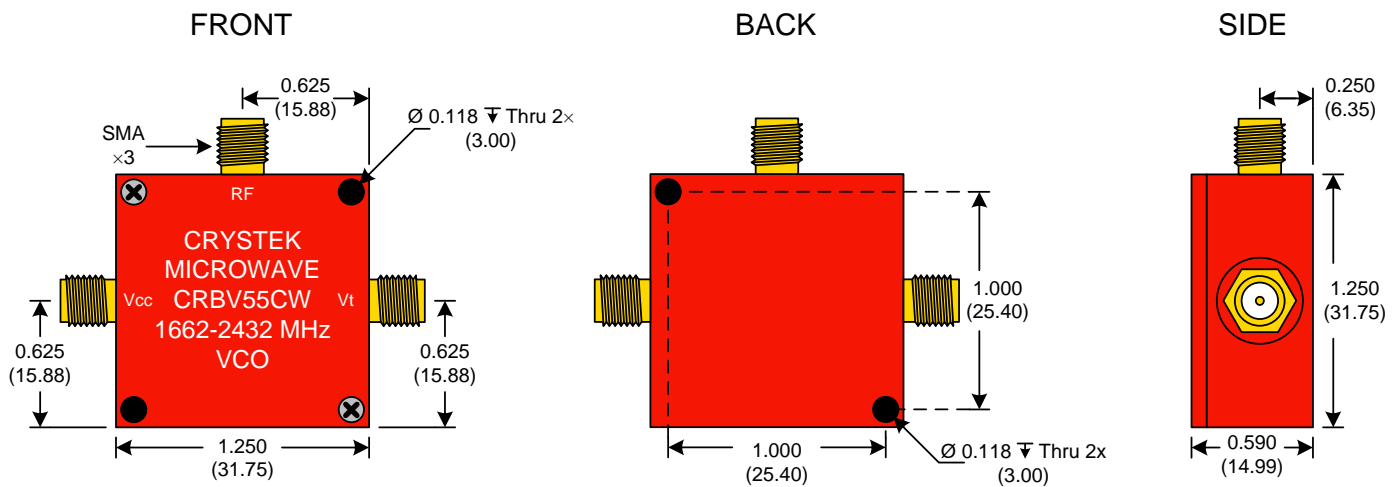




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1662	MHz
Upper Frequency:	2432			MHz
Tuning Voltage:	1.0		28	VDC
Supply Voltage:	9.5	10.0	10.5	VDC
Output Power:	0	+4.0	+8.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-35	-30	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		6.0	12.0	MHz pk-pk
Tuning Sensitivity:		37		MHz/V
Phase Noise @ 10kHz offset:		-100	-97	dBc/Hz
Phase Noise @ 100kHz offset:		-123	-120	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			47	pF
Operating Temperature Range:	-30		+75	$^{\circ}\text{C}$
Storage Temperature Range:	-35		+80	$^{\circ}\text{C}$



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

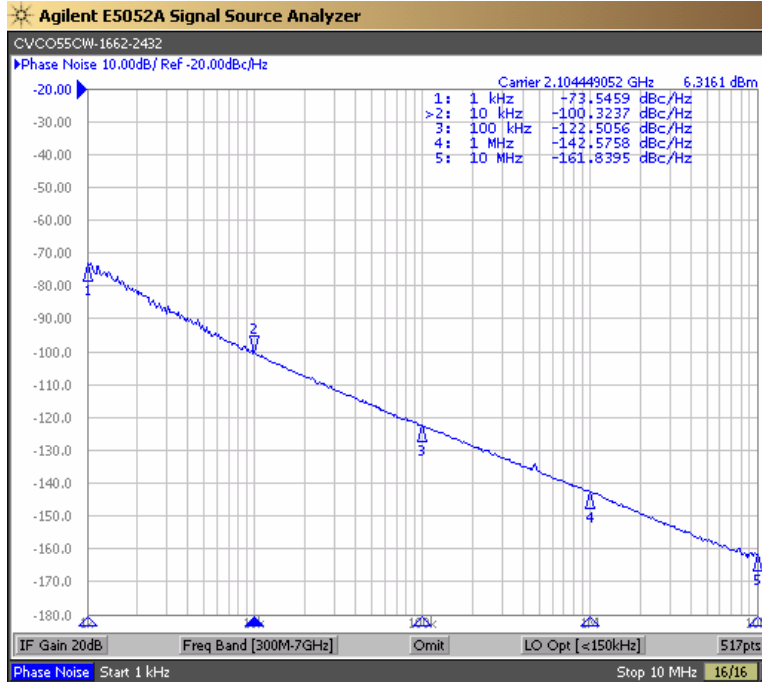
**Product Control:**

Crystek Part Number:	CRBV55CW-1662-2432	Release Date:	18-Mar-09
Revision Level:	B	Responsible:	C. Vales

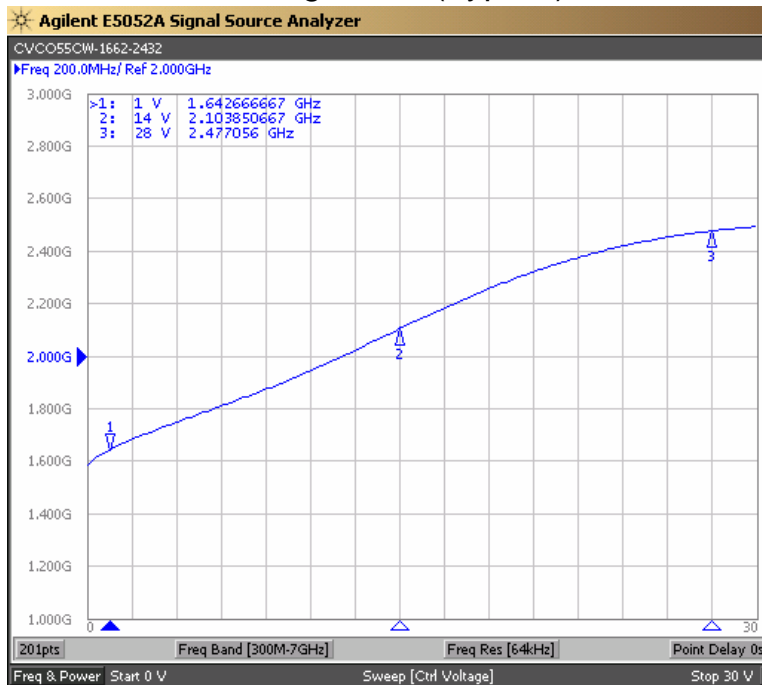




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CW-1662-2432	Release Date:	18-Mar-09
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

