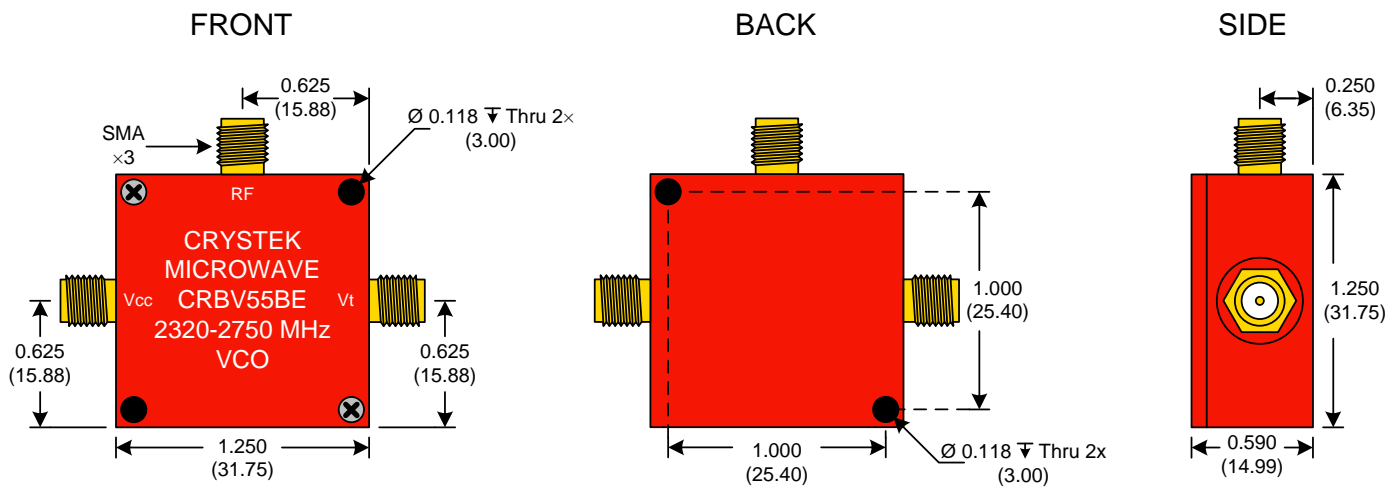




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2320	MHz
Upper Frequency:	2750			MHz
Tuning Voltage:	1.0		14.0	VDC
Supply Voltage:	5.7	6.0	6.3	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		15	35	mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		2.0	3.0	MHz/V
Pulling, all Phases:		2.0	4.0	MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-93		dBc/Hz
Phase Noise @ 100kHz offset:		-113		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$



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

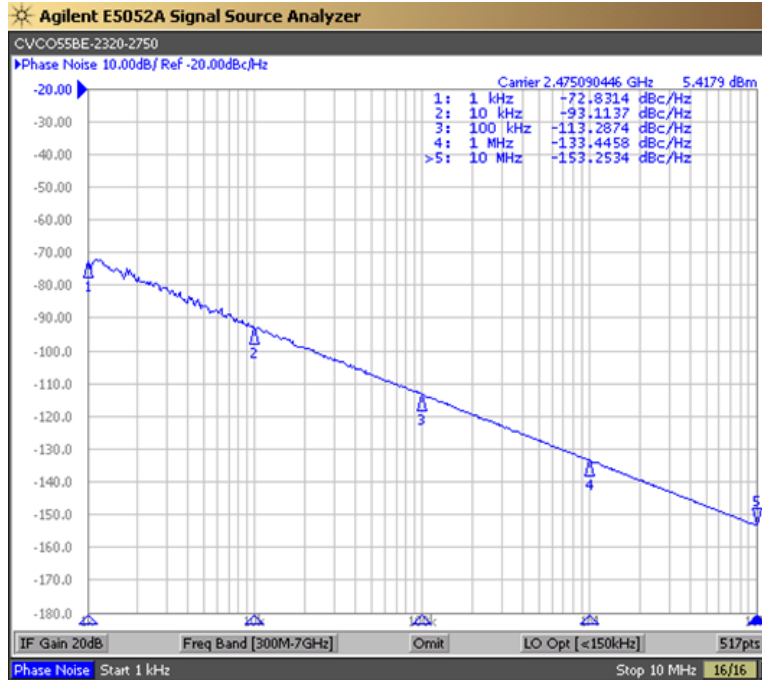
Product Control:

Crystek Part Number:	CRBV55BE-2320-2750	Release Date:	09-Mar-11
Revision Level:	B	Responsible:	C. Vales

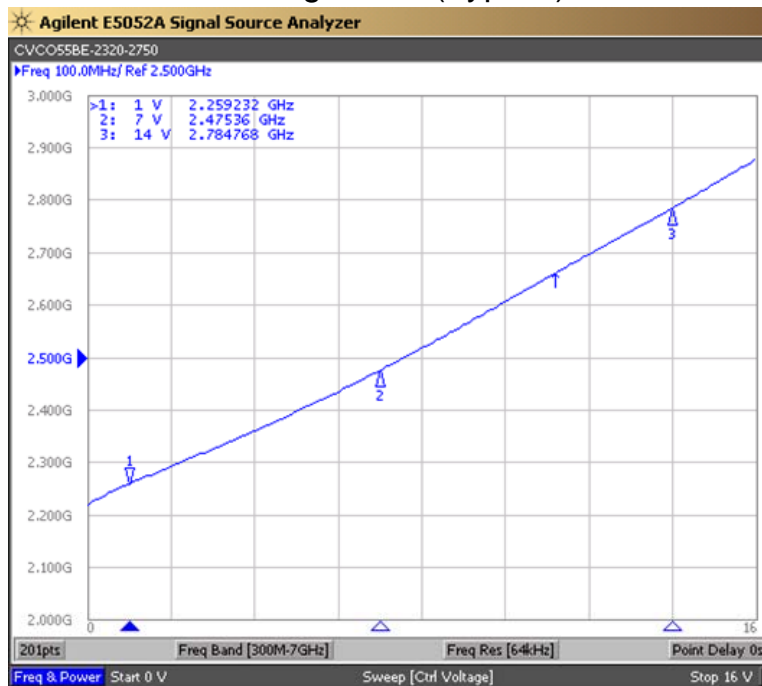




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55BE-2320-2750	Release Date:	09-Mar-11
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

