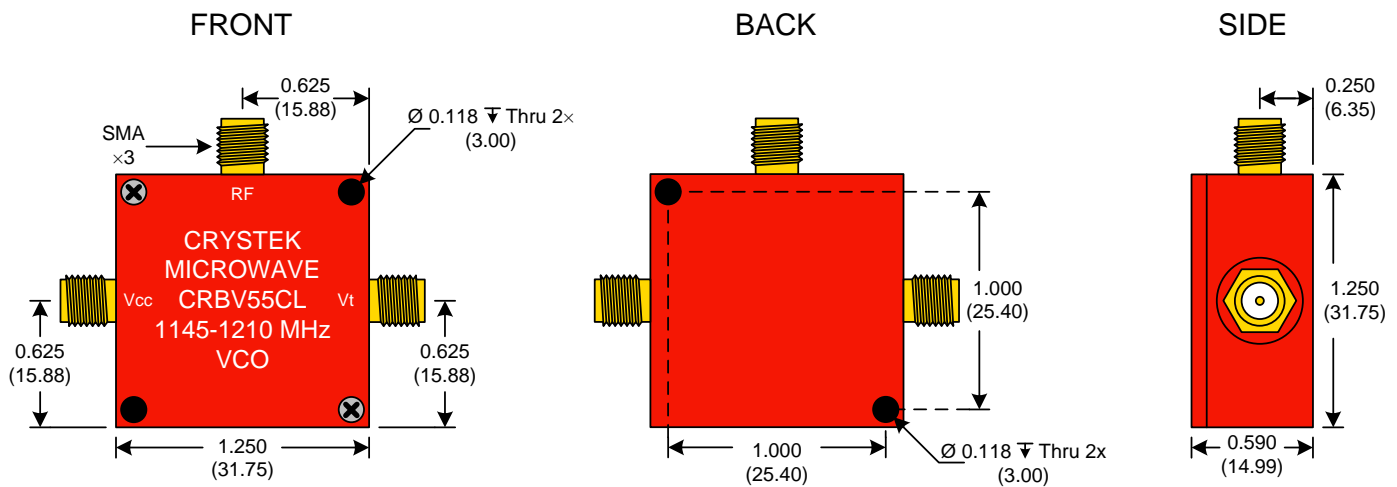




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1145	MHz
Upper Frequency:	1210			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+4.0	+6.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-15	-10	dBc
Pushing:		1.0	2.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		50		MHz/V
Phase Noise @ 10kHz offset:		-106	-103	dBc/Hz
Phase Noise @ 100kHz offset:		-128	-124	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C



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

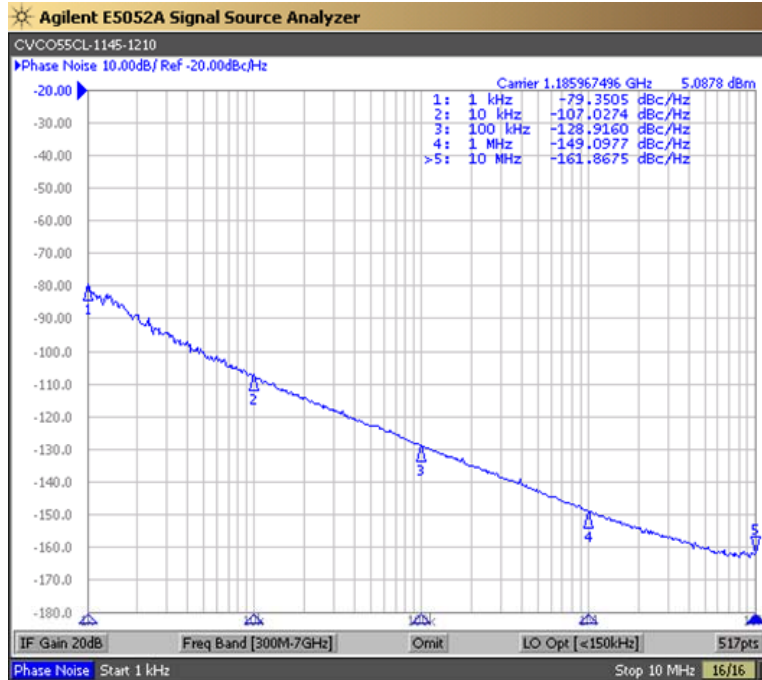
**Product Control:**

Crystek Part Number:	CRBV55CL-1145-1210	Release Date:	23-Feb-10
Revision Level:	B	Responsible:	C. Vales

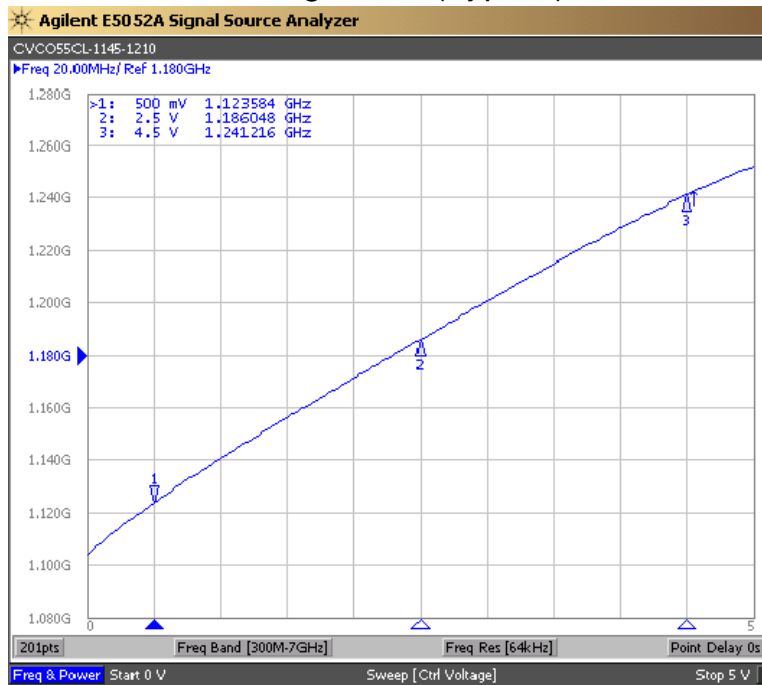




Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CRBV55CL-1145-1210	Release Date:	23-Feb-10
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

