



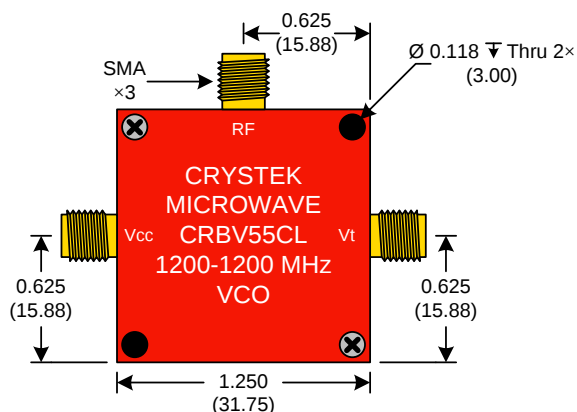
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

RedBox VCO
CRBV55CL-1200-1200



PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1200	MHz
Upper Frequency:	1200			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+4.0	+7.5	+11.0	dBm
Supply Current:		25	50	mA
Harmonic Suppression (2 nd Harmonic)			-15	dBc
Pushing:			5.0	MHz/V
Pulling, all Phases:			25.0	MHz pk-pk
Tuning Sensitivity:		5		MHz/V
Phase Noise @ 10kHz offset:			-110	dBc/Hz
Phase Noise @ 100kHz offset:			-130	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			27	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:

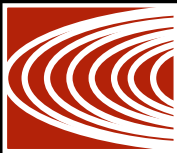
Crystek Part Number:	CRBV55CL-1200-1200	Release Date:	25-Feb-11
Revision Level:	A	Responsible:	C. Vales

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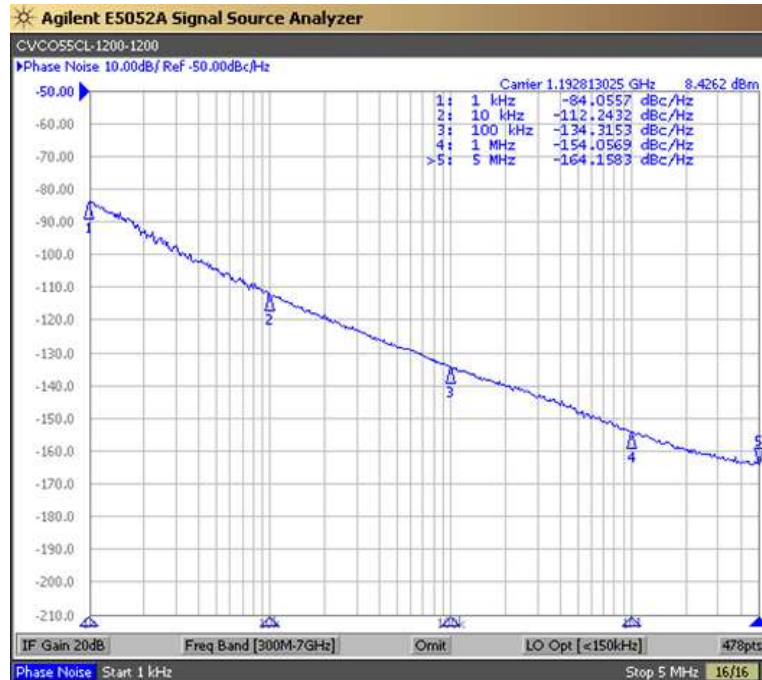


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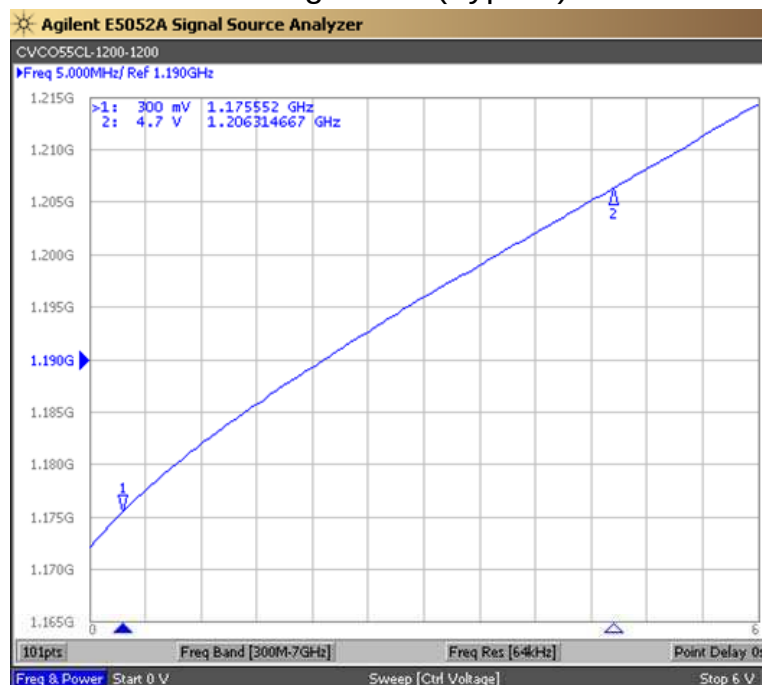
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PHONE: 239-561-3311 • 800-237-3061
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Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

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Specification is subject to change without notice

