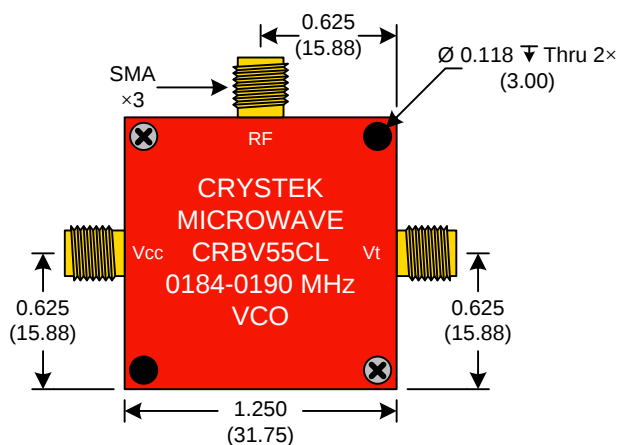




PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			184	MHz
Upper Frequency:	190			MHz
Tuning Voltage:	0.0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		7		mA
Harmonic Suppression (2 nd Harmonic)		-15	-10	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		1.0		MHz pk-pk
Tuning Sensitivity:		13		MHz/V
Phase Noise @ 10kHz offset:		-112	-109	dBc/Hz
Phase Noise @ 100kHz offset:		-135	-131	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

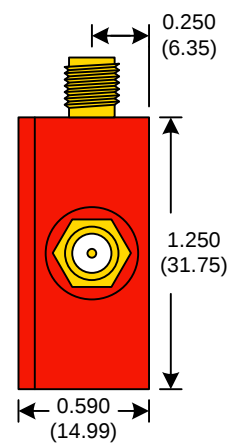
FRONT



BACK



SIDE



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

Product Control:

Crystek Part Number:	CRBV55CL-0184-0190	Release Date:	20-Jan-2015
Revision Level:	C	Responsible:	C. Vales

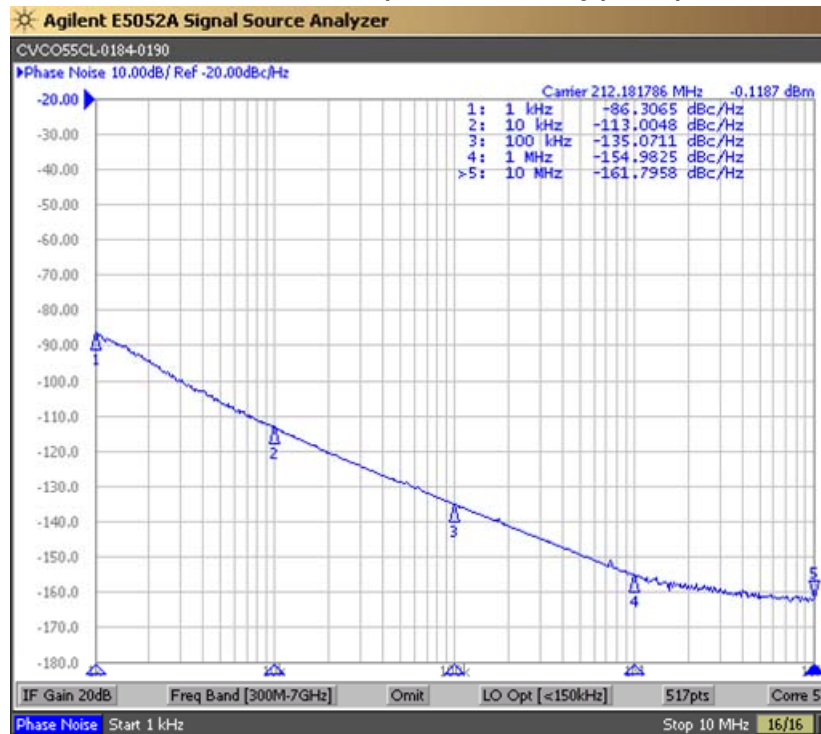




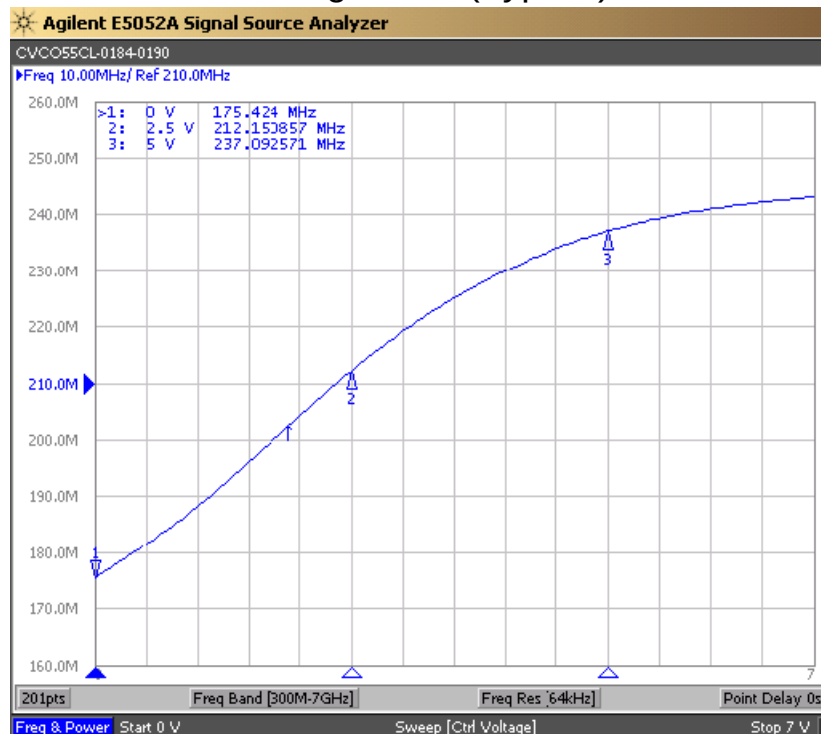
CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

RedBox VCO
CRBV55CL-0184-0190

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CRBV55CL-0184-0190	Release Date:	20-Jan-2015
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Crystek:](#)

[CRBV55CL-0184-0190](#)