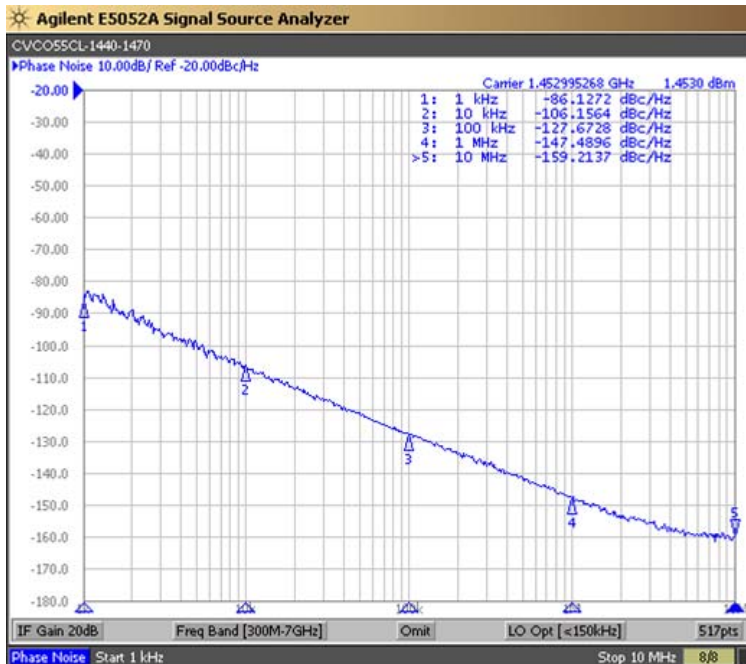


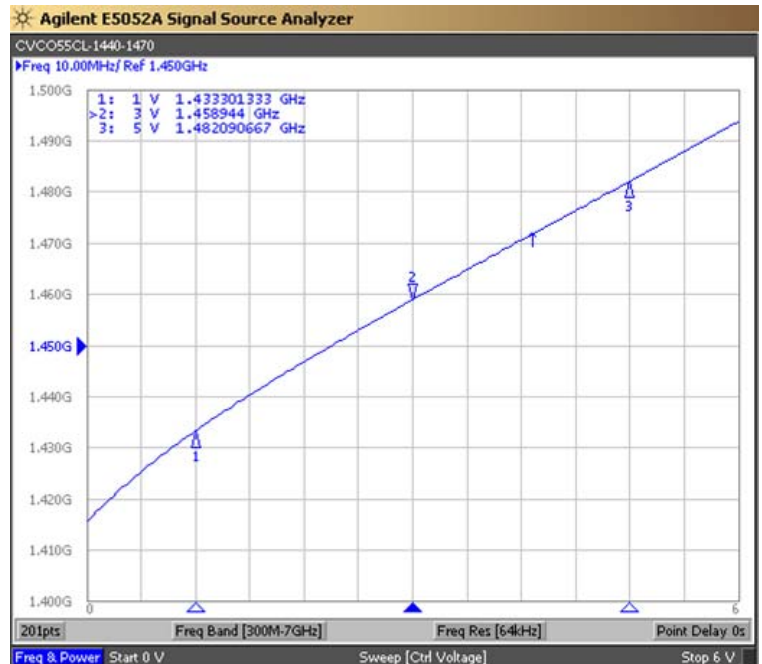


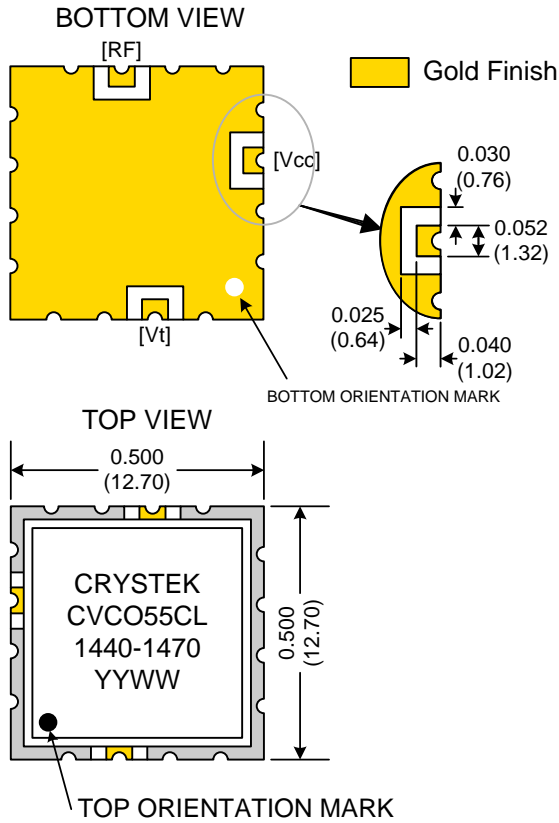
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1440	MHz
Upper Frequency:	1470			MHz
Tuning Voltage:	1.0		5.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-0.5	+2.5	+5.5	dBm
Supply Current:		22	28	mA
Harmonic Suppression (2 nd Harmonic):		-27	-20	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		1.0		MHz pk-pk
Tuning Sensitivity:		16		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-130		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)





Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CL-1440-1470	Release Date:	08-May-2013
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice