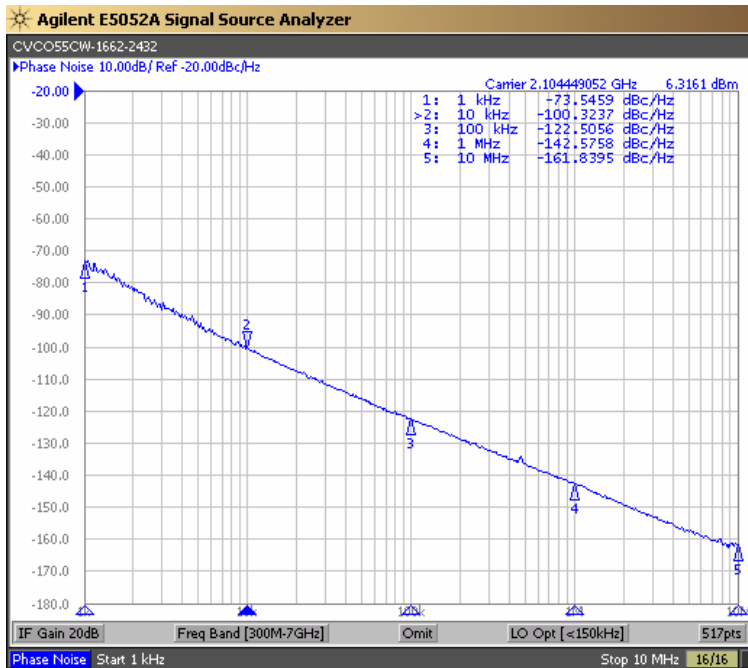


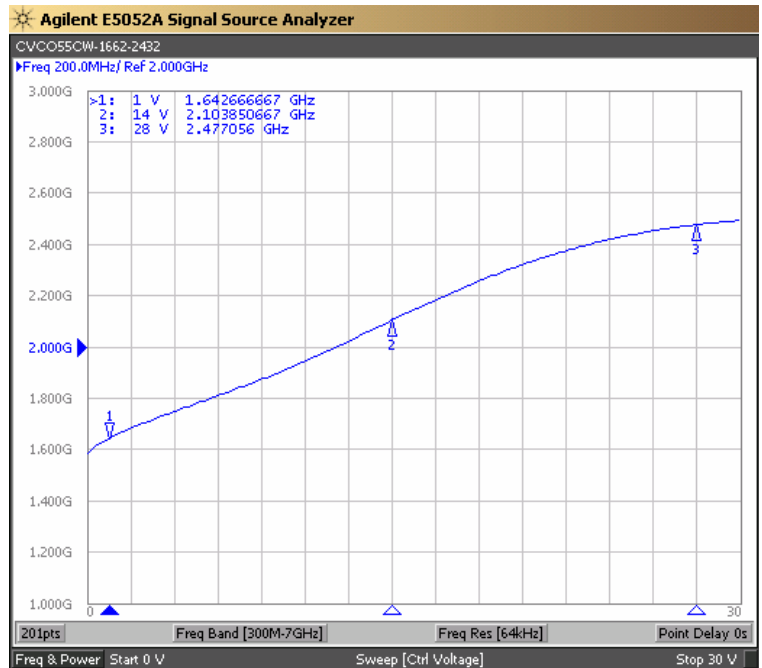


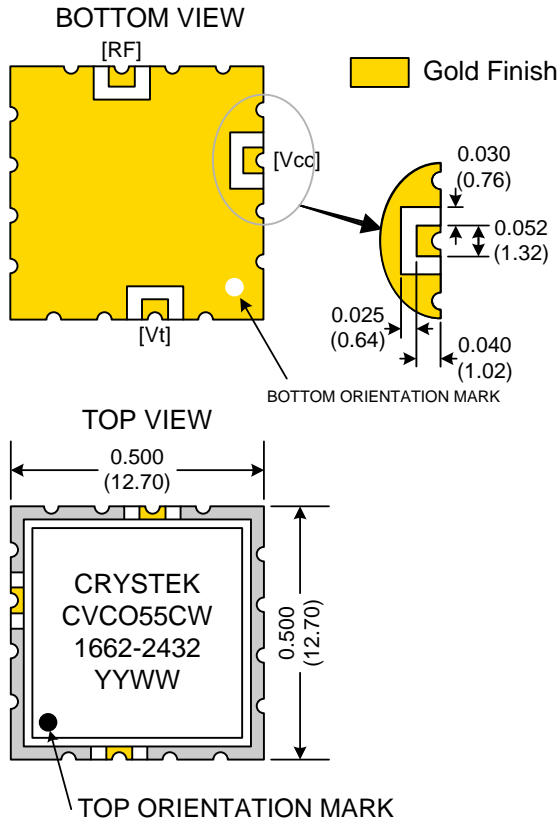
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1662	MHz
Upper Frequency:	2432			MHz
Tuning Voltage:	1.0		28	VDC
Supply Voltage:	9.5	10.0	10.5	VDC
Output Power:	0	+4.0	+8.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic):		-35	-30	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		6.0	12.0	MHz pk-pk
Tuning Sensitivity:		37		MHz/V
Phase Noise @ 10kHz offset:		-100	-97	dBc/Hz
Phase Noise @ 100kHz offset:		-123	-120	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-30		+75	$^{\circ}$ C
Storage Temperature Range:	-35		+80	$^{\circ}$ 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:	CVCO55CW-1662-2432	Release Date:	13-Dec-2013
Revision Level:	E	Responsible:	C. Vales

Specification is subject to change without notice