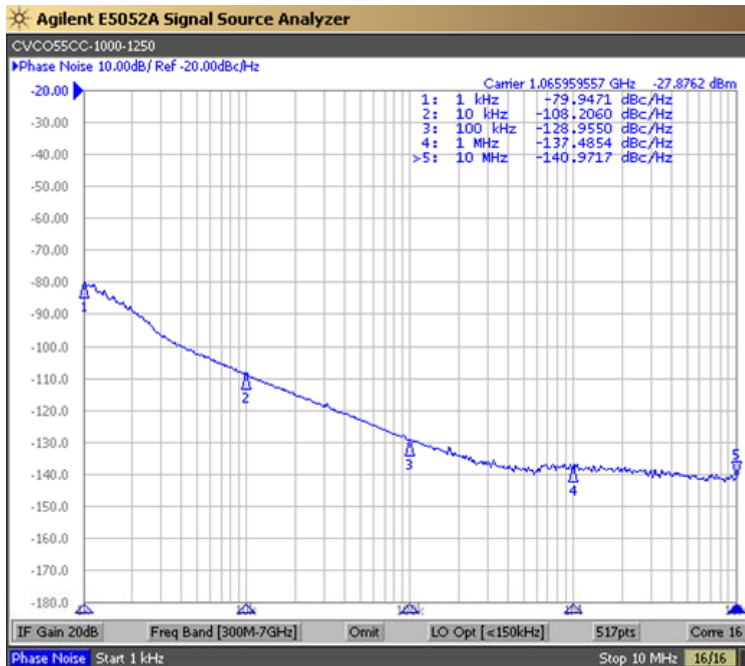


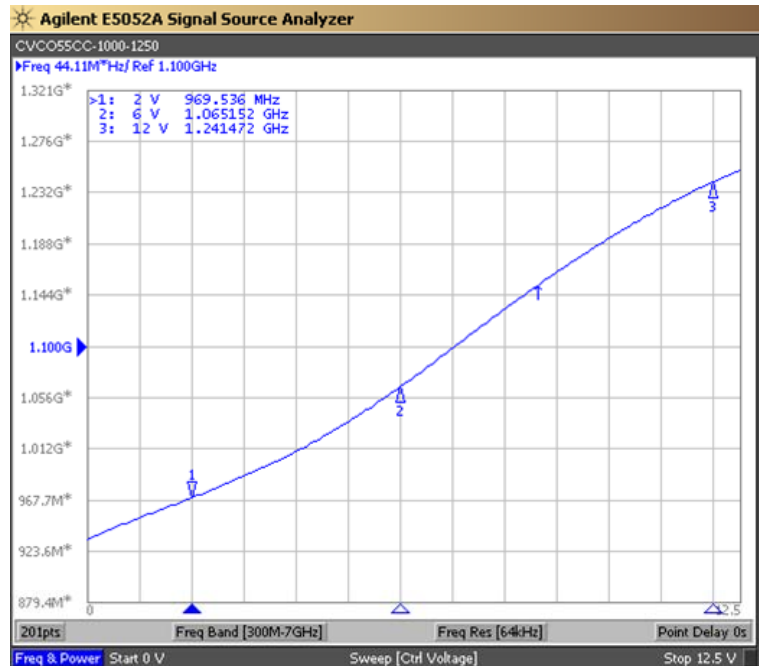


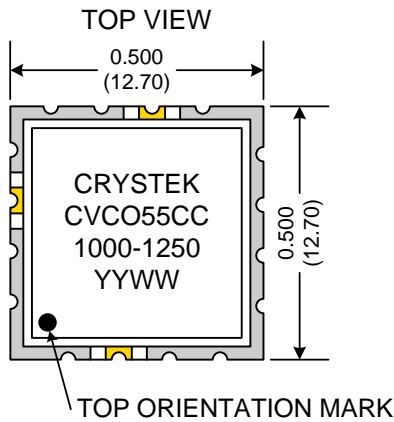
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1000	MHz
Upper Frequency:	1250			MHz
Tuning Voltage:	2.0		12.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	-2.0	0	+2.0	dBm
Supply Current:		30	35	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-12	-8	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-110	-105	dBc/Hz
Phase Noise @ 100kHz offset:		-130	-125	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			47	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:	CVCO55CC-1000-1250	Release Date:	18-Oct-2013
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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