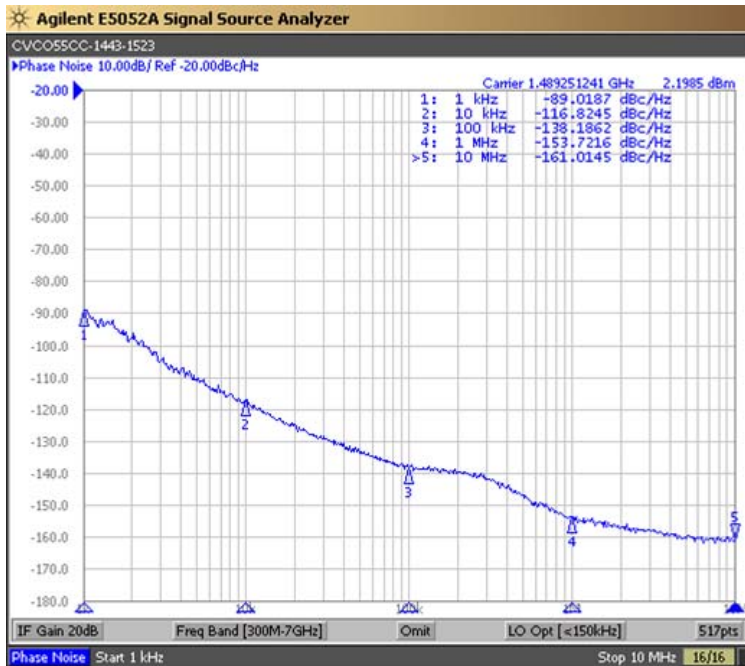


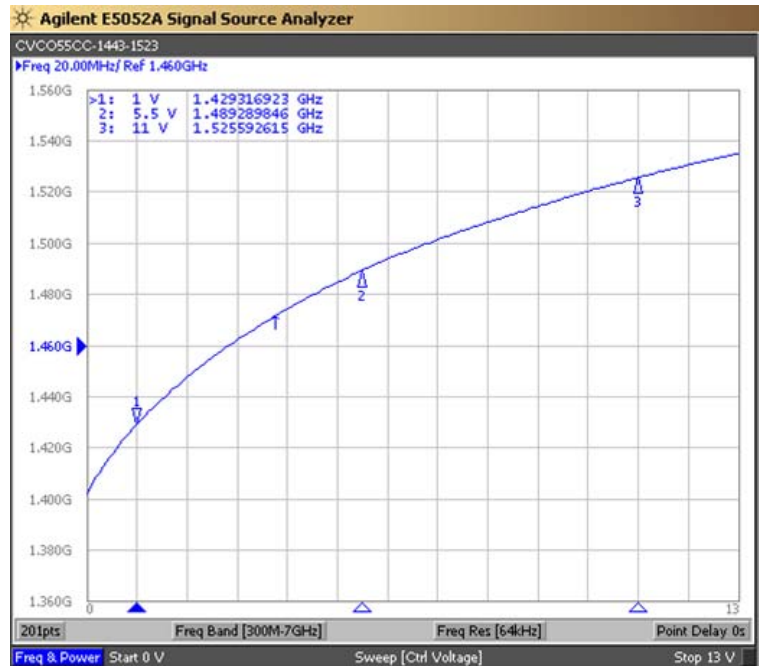


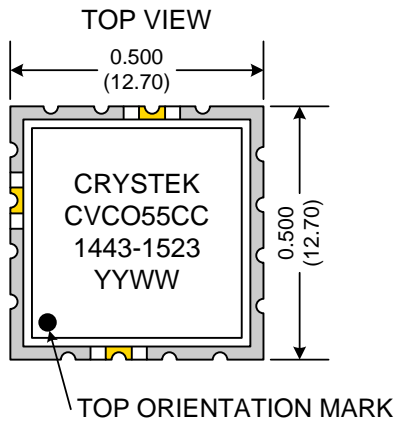
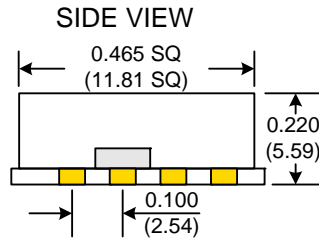
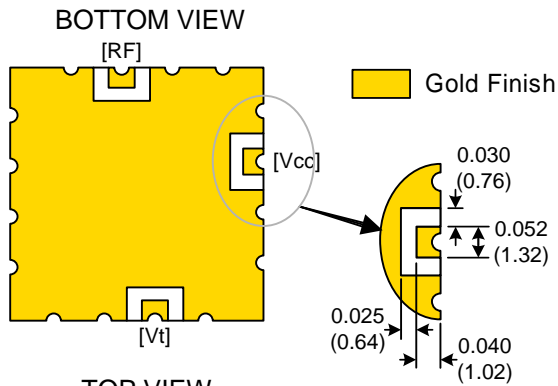
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1443	MHz
Upper Frequency:	1523			MHz
Tuning Voltage:	1.0		11.0	VDC
Supply Voltage:	11.25	11.5	11.75	VDC
Output Power:	0	+2.0	+4.0	dBm
Supply Current:		27	29	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		0.3	0.5	MHz/V
Pulling, all Phases:		1.0	1.5	MHz pk-pk
Tuning Sensitivity:		10		MHz/V
Phase Noise @ 10kHz offset:		-118	-113	dBc/Hz
Phase Noise @ 100kHz offset:		-138	-133	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-30		+70	$^{\circ}\text{C}$
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-1443-1523	Release Date:	21-Aug-2013
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

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Mouser Electronics

Authorized Distributor

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Crystek:

[CVCO55CC-1443-1523](#)