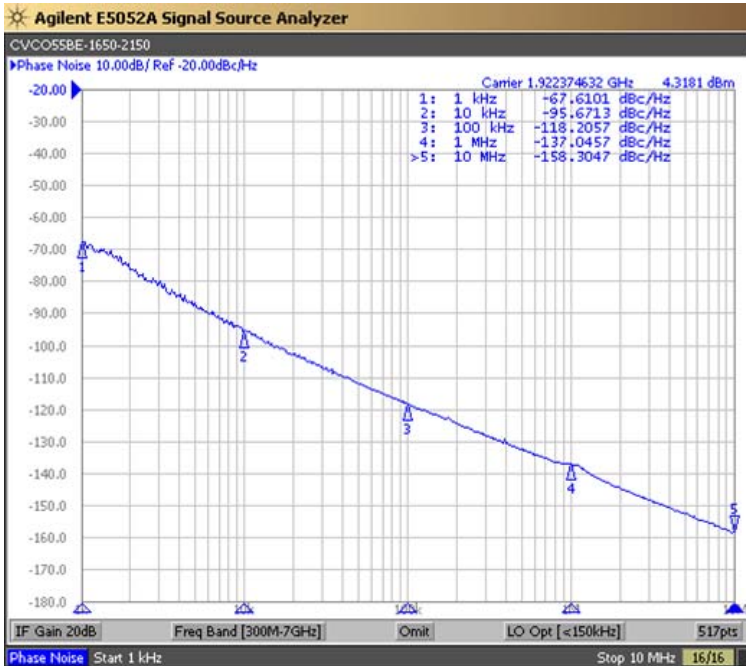


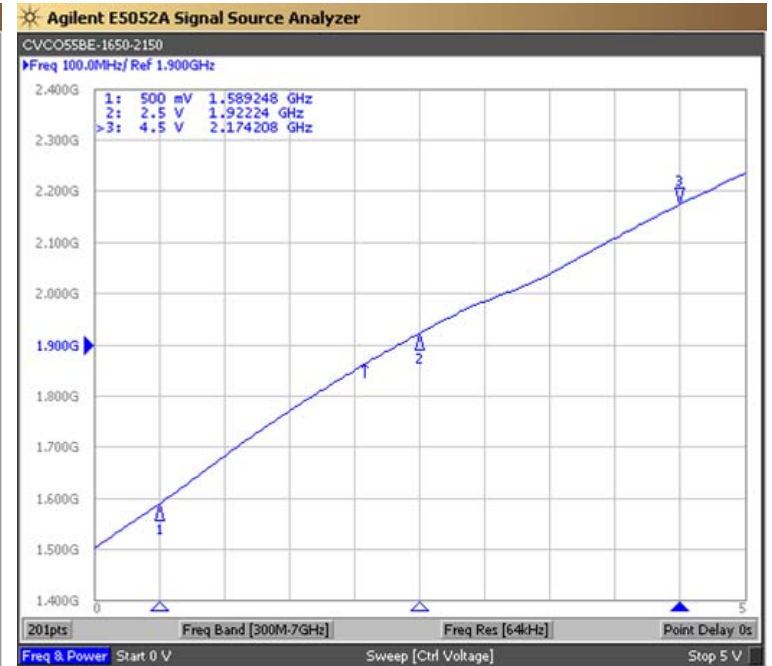


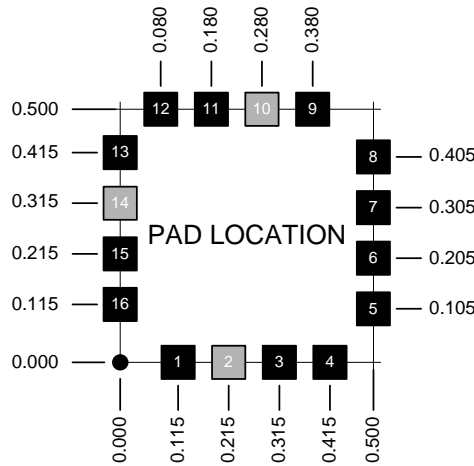
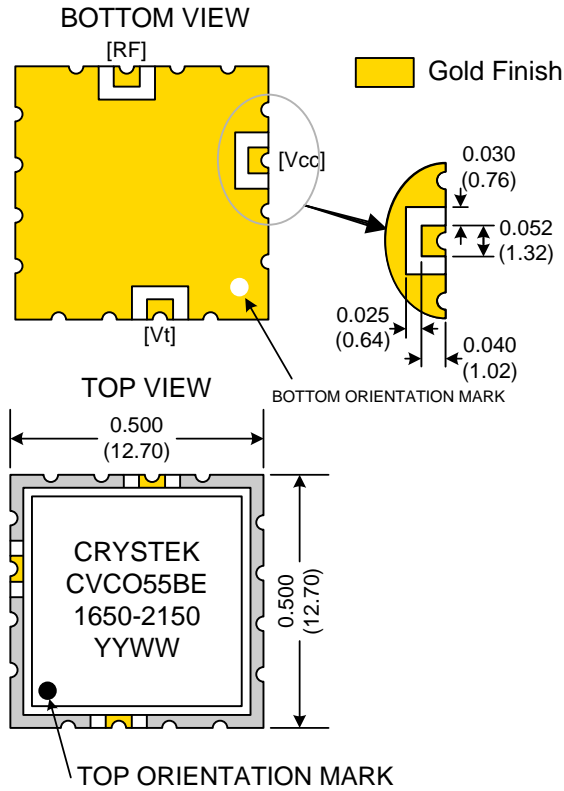
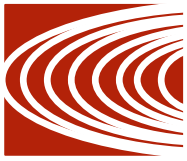
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1650	MHz
Upper Frequency:	2150			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+5.0	+8.0	dBm
Supply Current:		15	22	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.5	2.5	MHz/V
Pulling, all Phases:		10	20	MHz pk-pk
Tuning Sensitivity:		160		MHz/V
Phase Noise @ 10kHz offset:		-96	-91	dBc/Hz
Phase Noise @ 100kHz offset:		-118	-113	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			27	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

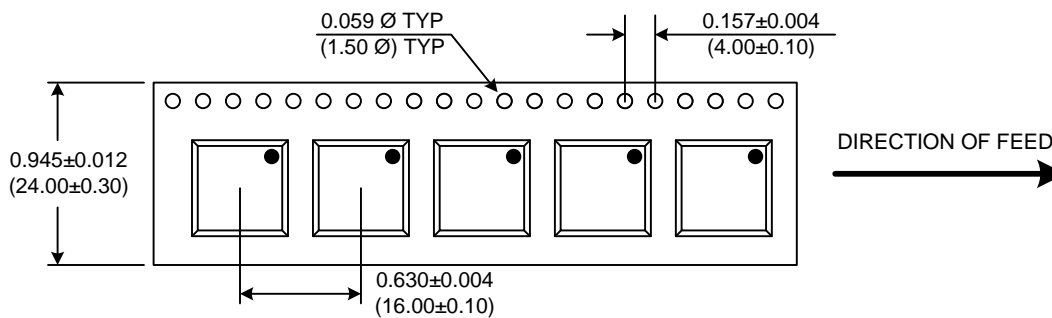




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- 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:	CVCO55BE-1650-2150	Release Date:	06-Jan-08
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice