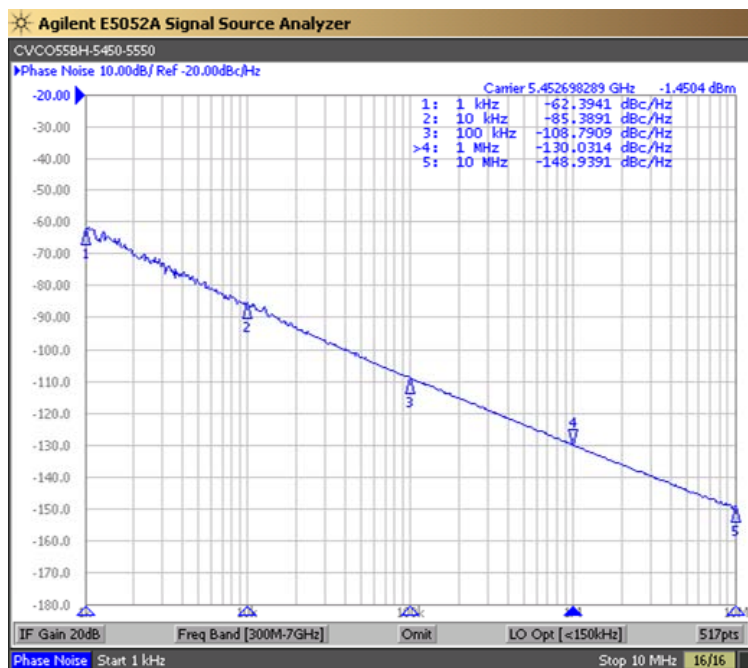


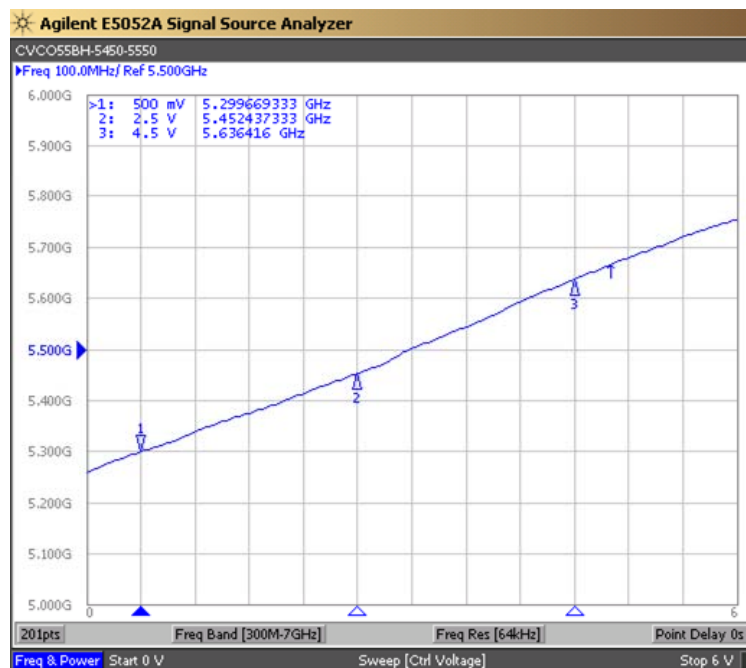


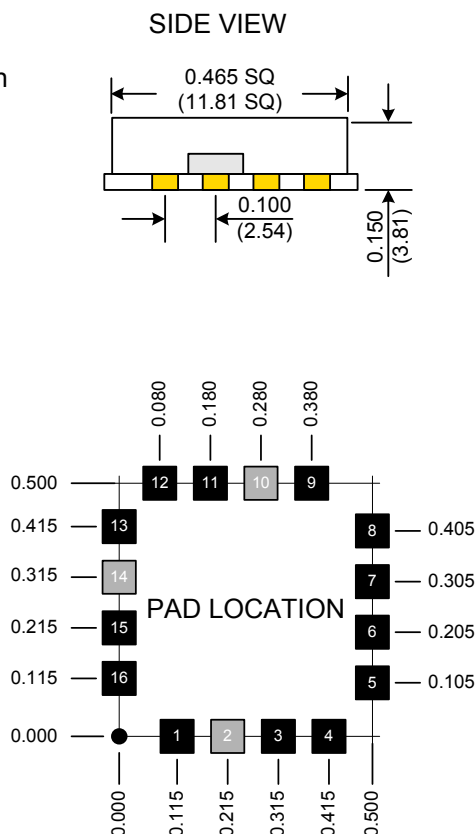
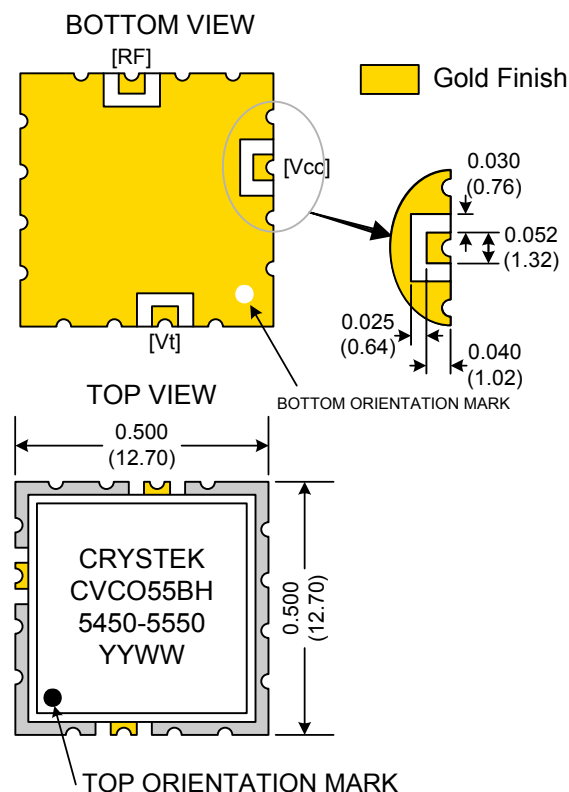
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			5450	MHz
Upper Frequency:	5550			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-5.0	-2.0	+1.0	dBm
Supply Current:		25	30	mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:			6.0	MHz/V
Pulling, all Phases:			6.0	MHz pk-pk
Tuning Sensitivity:		50		MHz/V
Phase Noise @ 10kHz offset:		-85		dBc/Hz
Phase Noise @ 100kHz offset:				dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			10	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)

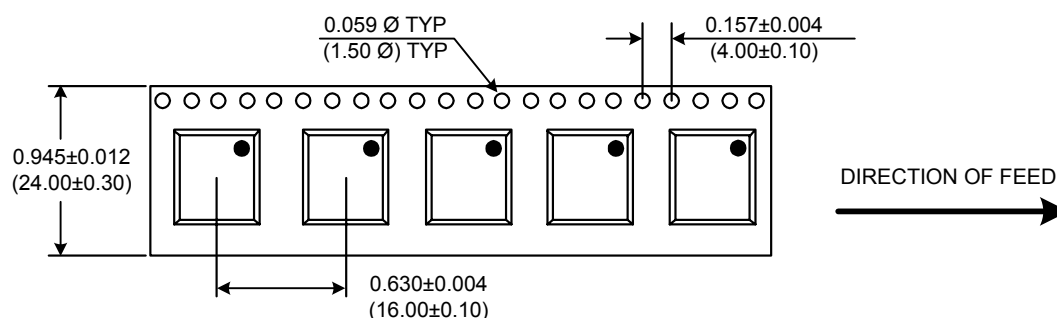




Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

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

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55BH-5450-5550	Release Date:	19-March-08
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2

