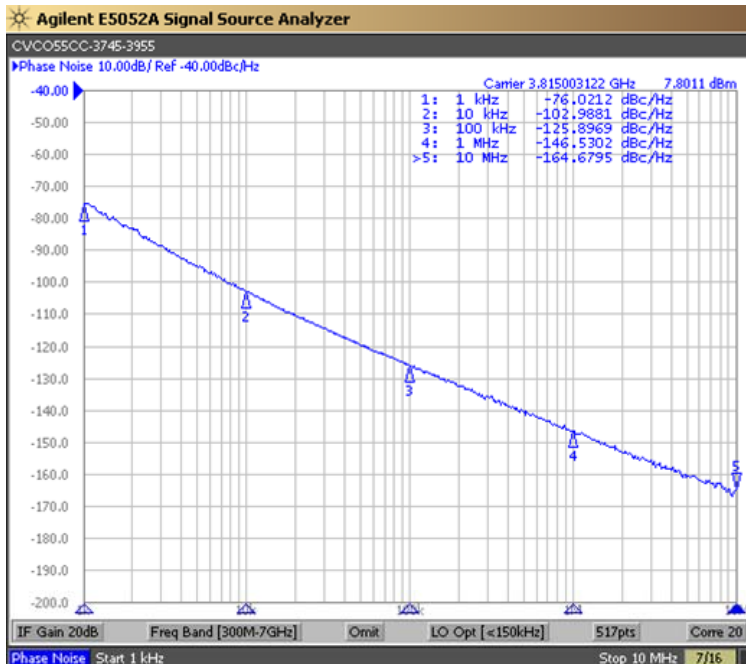


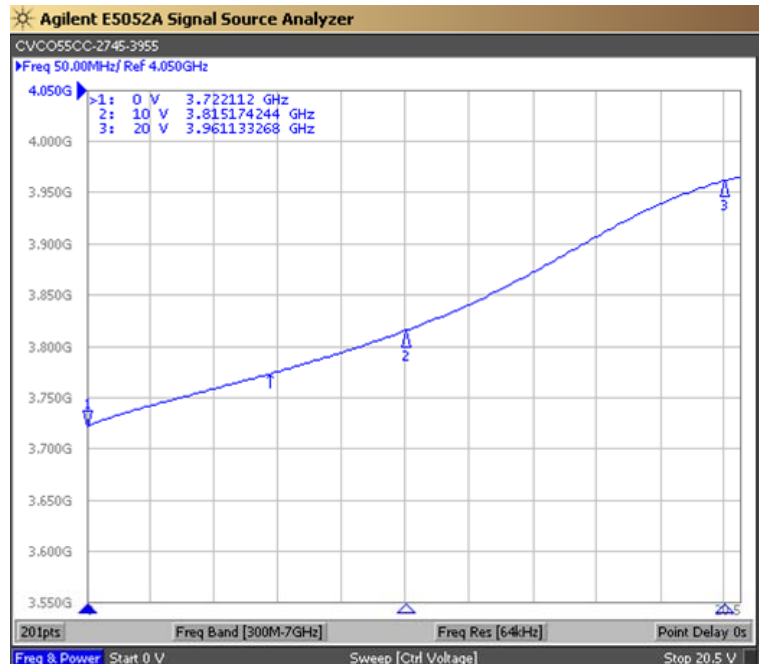


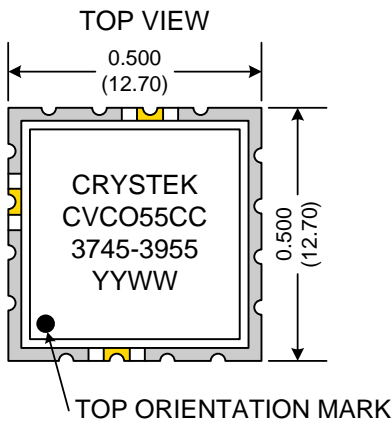
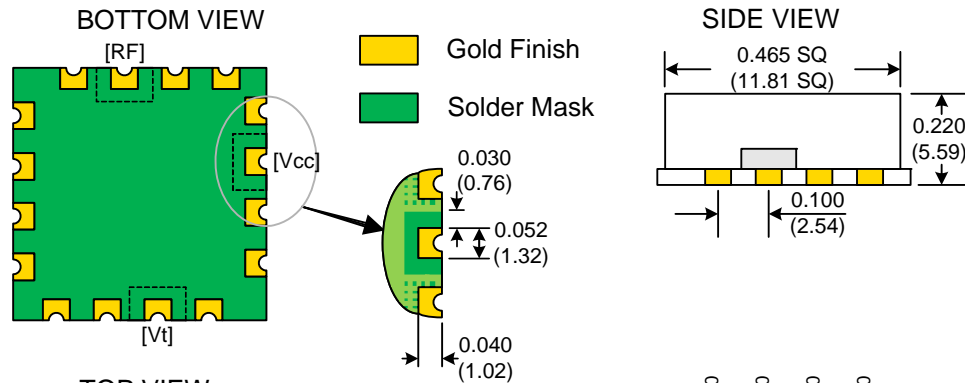
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3745	MHz
Upper Frequency:	3955			MHz
Tuning Voltage:	0		20.0	VDC
Supply Voltage:	9.5	10.0	10.5	VDC
Output Power:	+5.0	+8.0	+11.0	dBm
Supply Current:		30	40	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:			3.0	MHz/V
Pulling, all Phases:			5.0	MHz pk-pk
Tuning Sensitivity:		13		MHz/V
Phase Noise @ 10kHz offset:		-101		dBc/Hz
Phase Noise @ 100kHz offset:		-124		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	+15		+50	$^{\circ}$ 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:	CVCO55CC-3745-3945	Release Date:	29-Jul-2013
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice