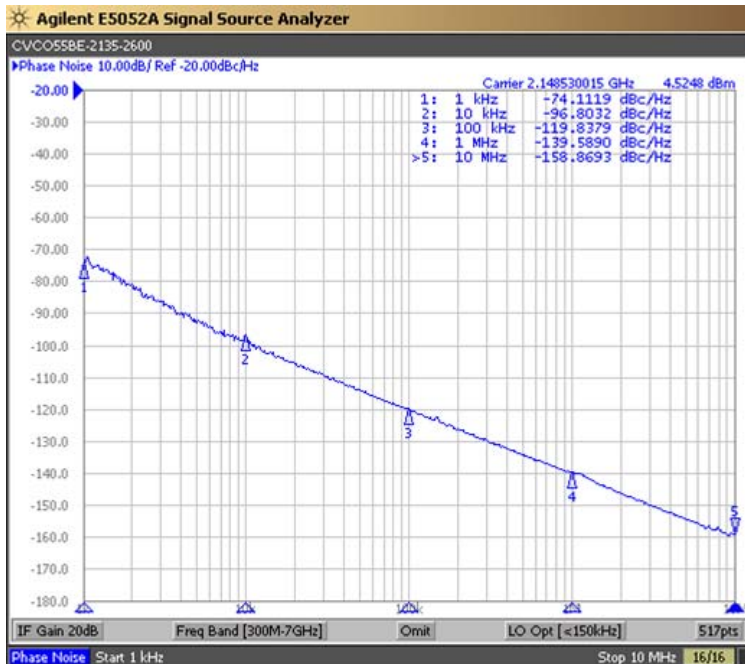


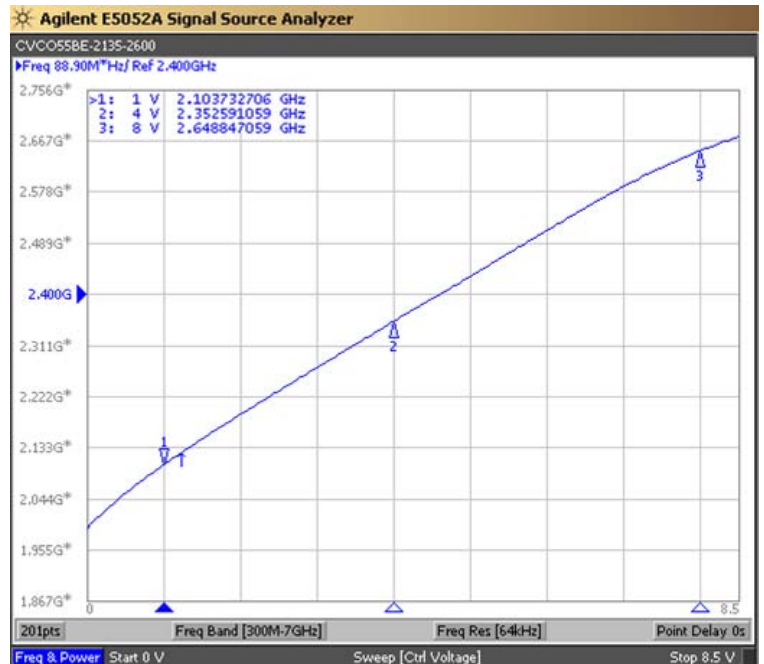


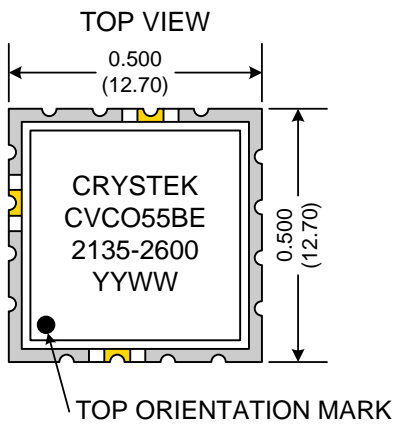
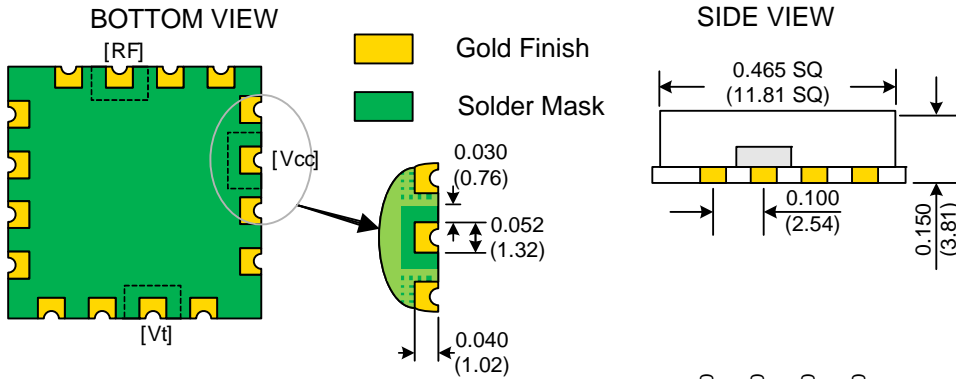
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2135	MHz
Upper Frequency:	2600			MHz
Tuning Voltage:	1.0		8.0	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+5.0	+8.0	dBm
Supply Current:			30	mA
Harmonic Suppression (2 nd Harmonic):		-15	-12	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		10.0		MHz pk-pk
Tuning Sensitivity:		93		MHz/V
Phase Noise @ 10kHz offset:		-96		dBc/Hz
Phase Noise @ 100kHz offset:		-119		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			27	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:	CVCO55BE-2135-2600	Release Date:	25-Mar-2013
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice