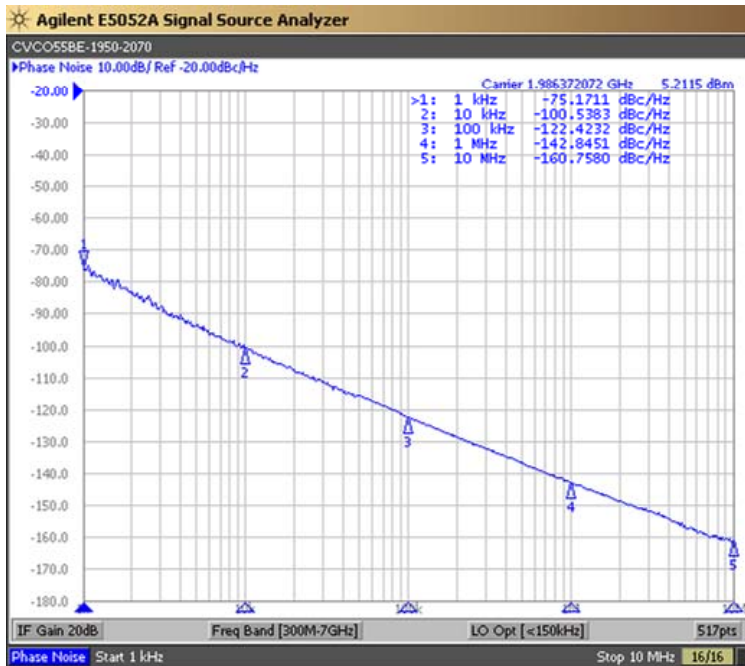


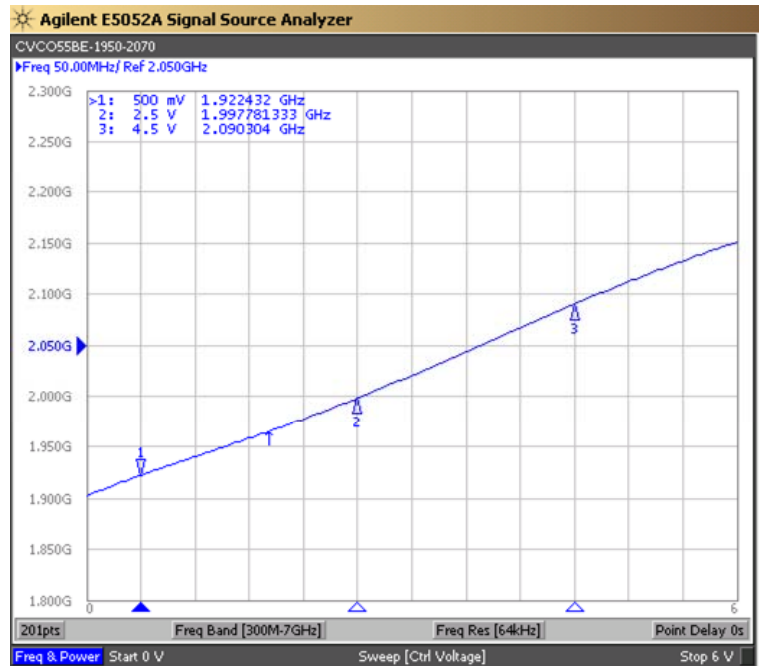


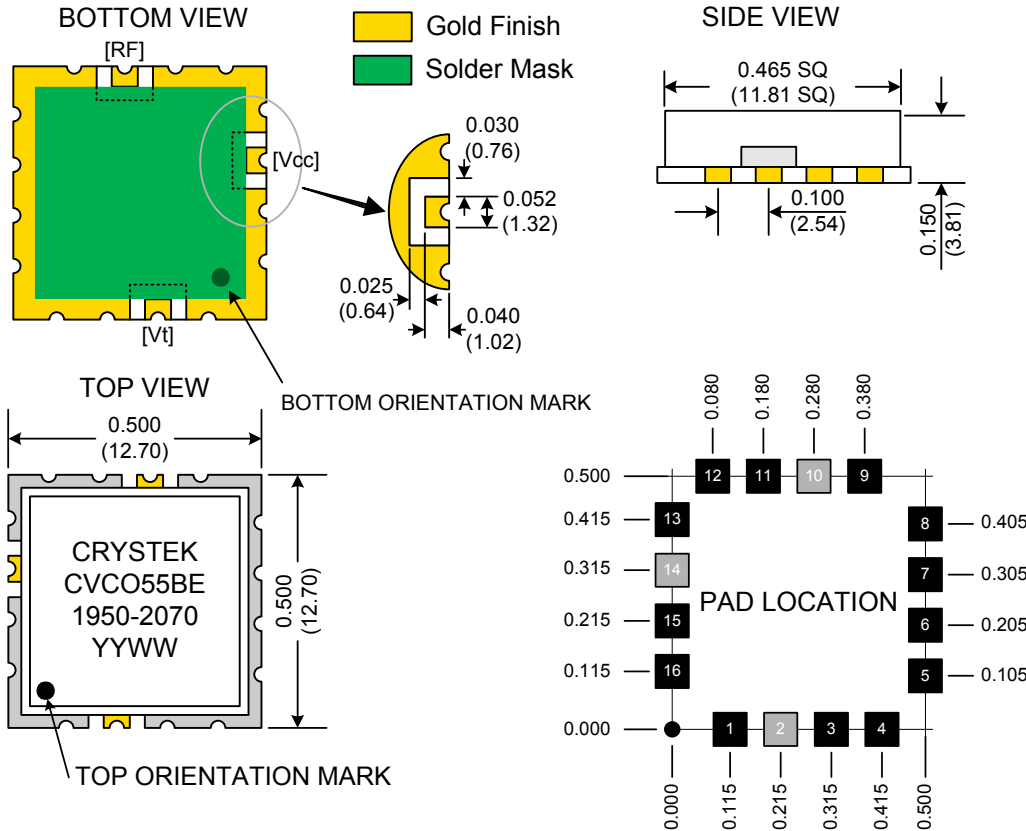
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1950	MHz
Upper Frequency:	2070			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+4.0	+6.0	dBm
Supply Current:		18		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-20		dBc
Pushing:			1.5	MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-102		dBc/Hz
Phase Noise @ 100kHz offset:		-121		dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			30	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)





**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO55BE-1950-2070	Release Date:	27-March-08
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice