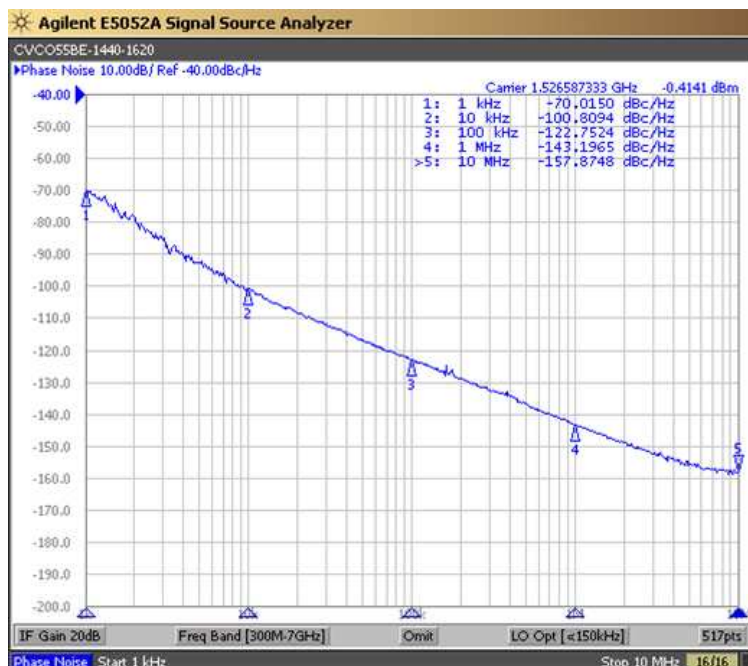
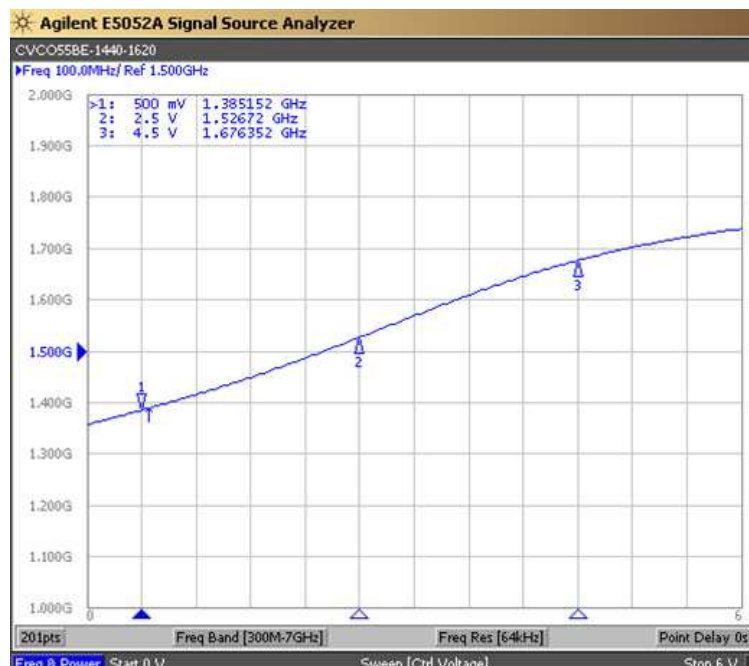


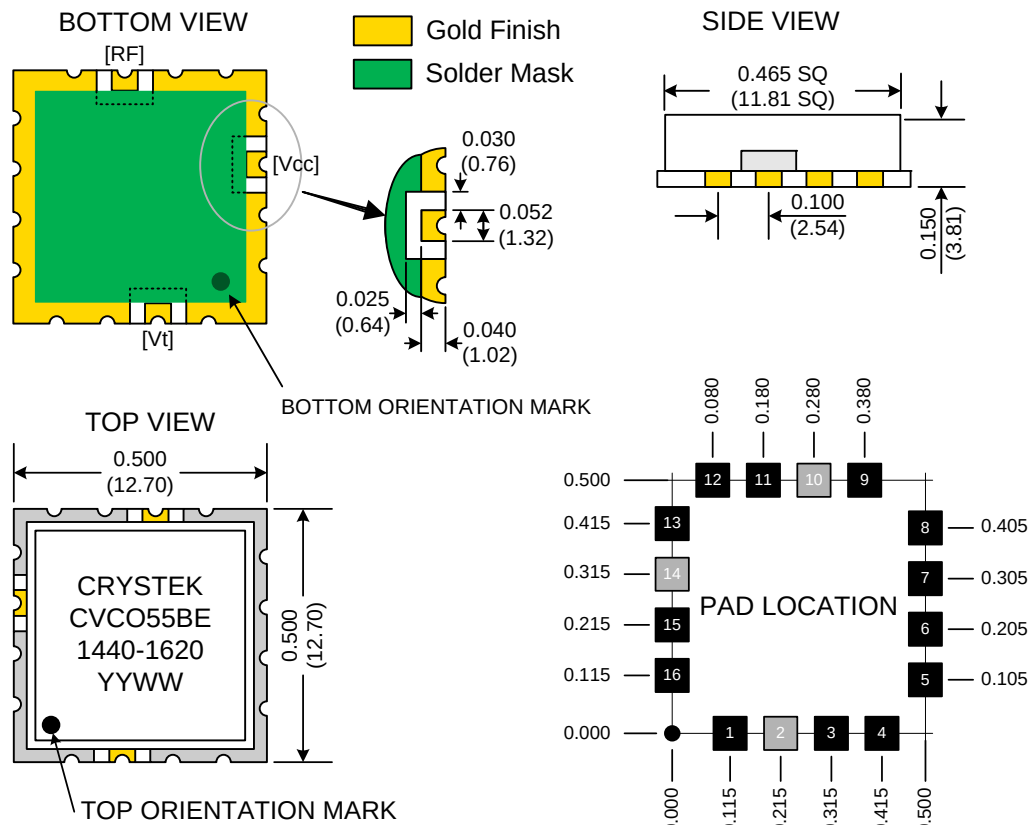
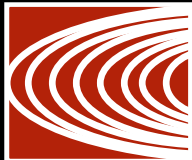
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1440	MHz
Upper Frequency:	1620			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		20		mA
Harmonic Suppression (2 nd Harmonic):			-15	dBc
Pushing:		2.0		MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		68		MHz/V
Phase Noise @ 10kHz offset:		-99		dBc/Hz
Phase Noise @ 100kHz offset:		-119		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			47	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

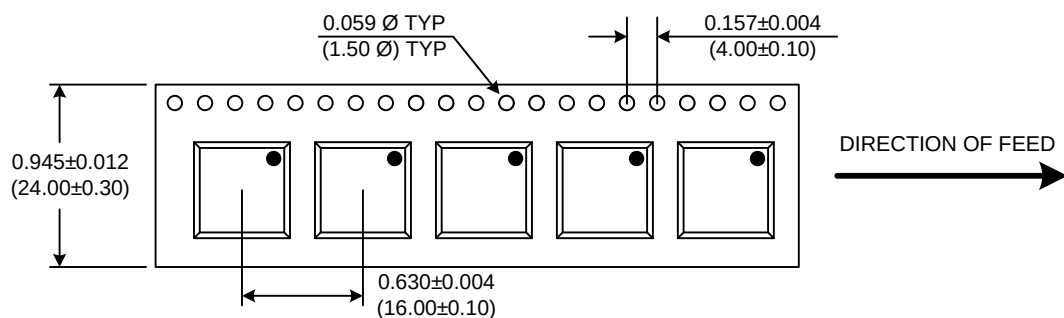


Tuning Curve (Typical)





TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55BE-1440-1620	Release Date:	26-Apr-10
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

