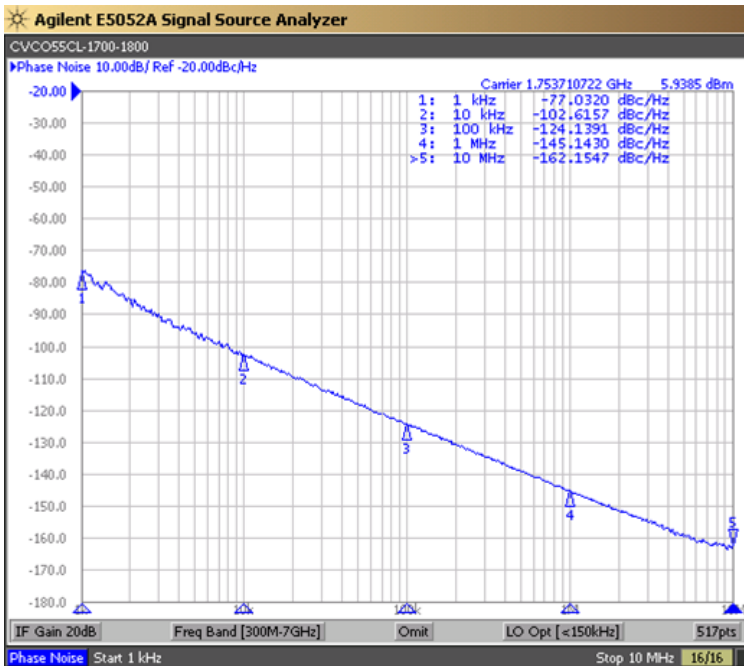


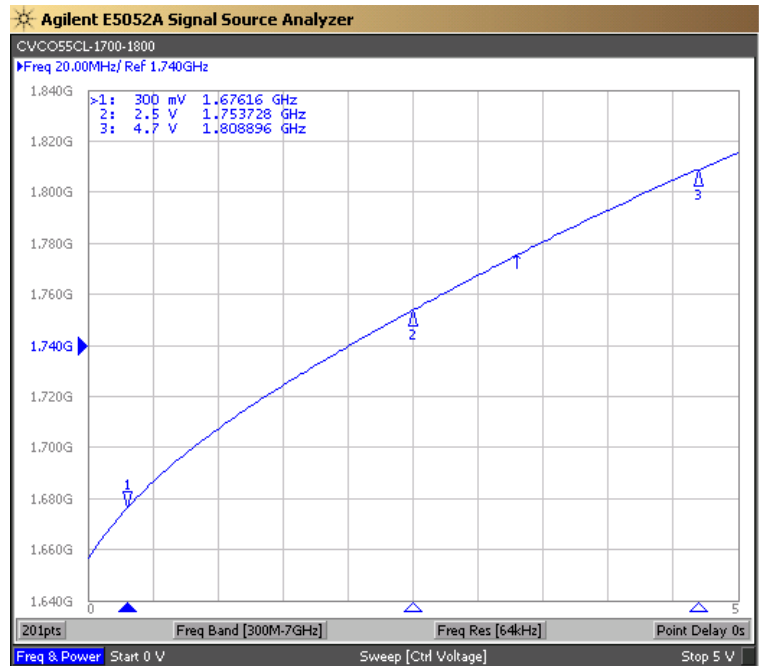


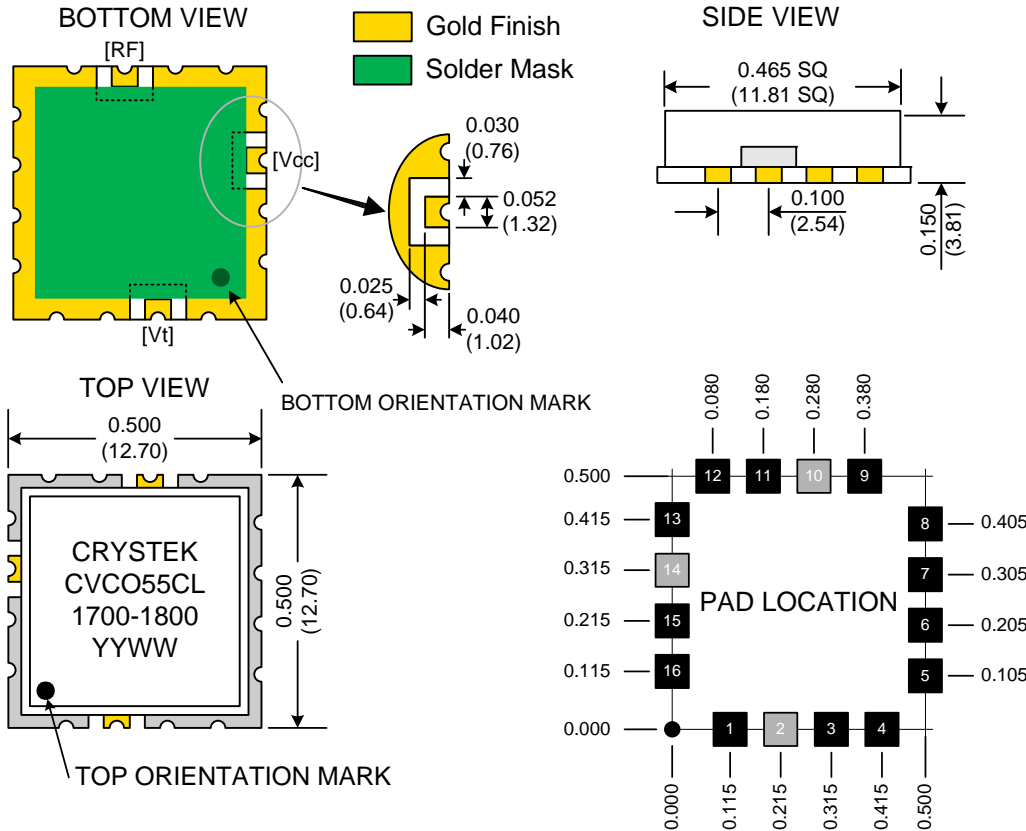
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1700	MHz
Upper Frequency:	1800			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-25	-20	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		50		MHz/V
Phase Noise @ 10kHz offset:		-102	-99	dBc/Hz
Phase Noise @ 100kHz offset:		-124	-121	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)

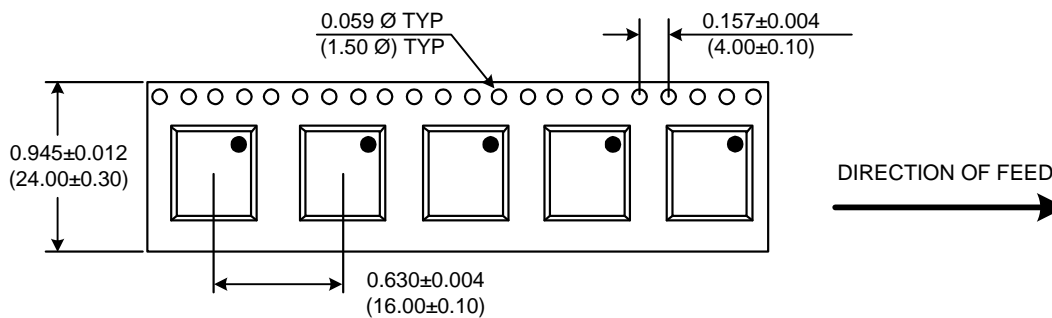


Tuning Curve (Typical)





TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CL-1700-1800	Release Date:	12-May-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice