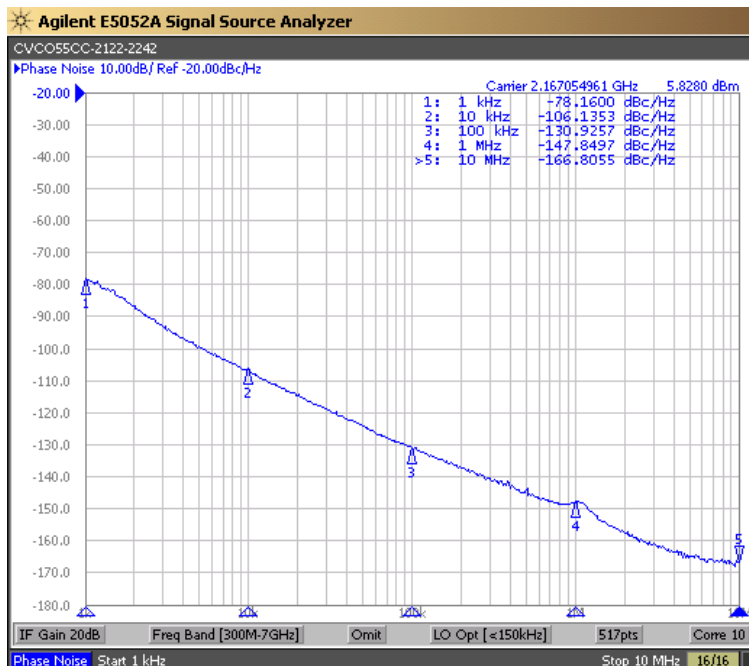


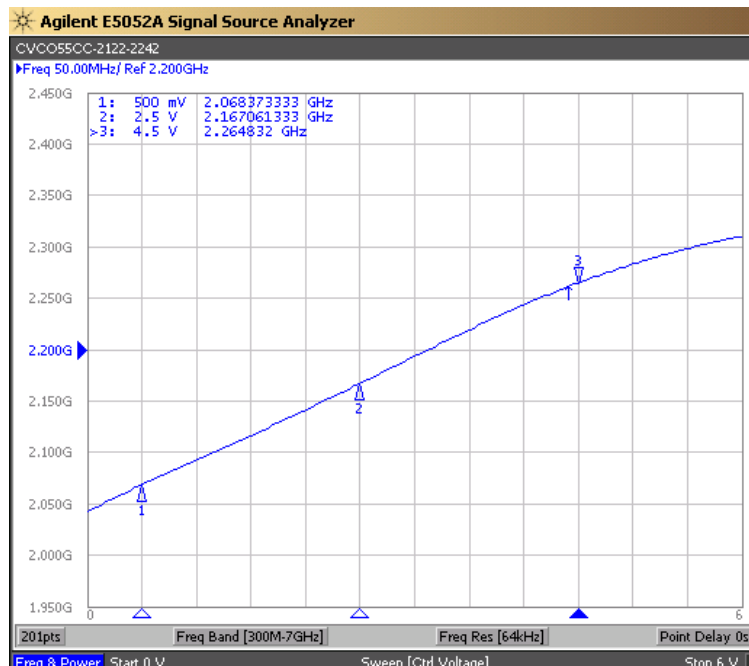


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2122	MHz
Upper Frequency:	2242			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+5.0	+7.0	+9.0	dBm
Supply Current:			40	mA
Harmonic Suppression (2 nd Harmonic):			-15	dBc
Pushing:			1.5	MHz/V
Pulling, all Phases:			1.5	MHz pk-pk
Tuning Sensitivity:		45		MHz/V
Phase Noise @ 10kHz offset:		-105		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



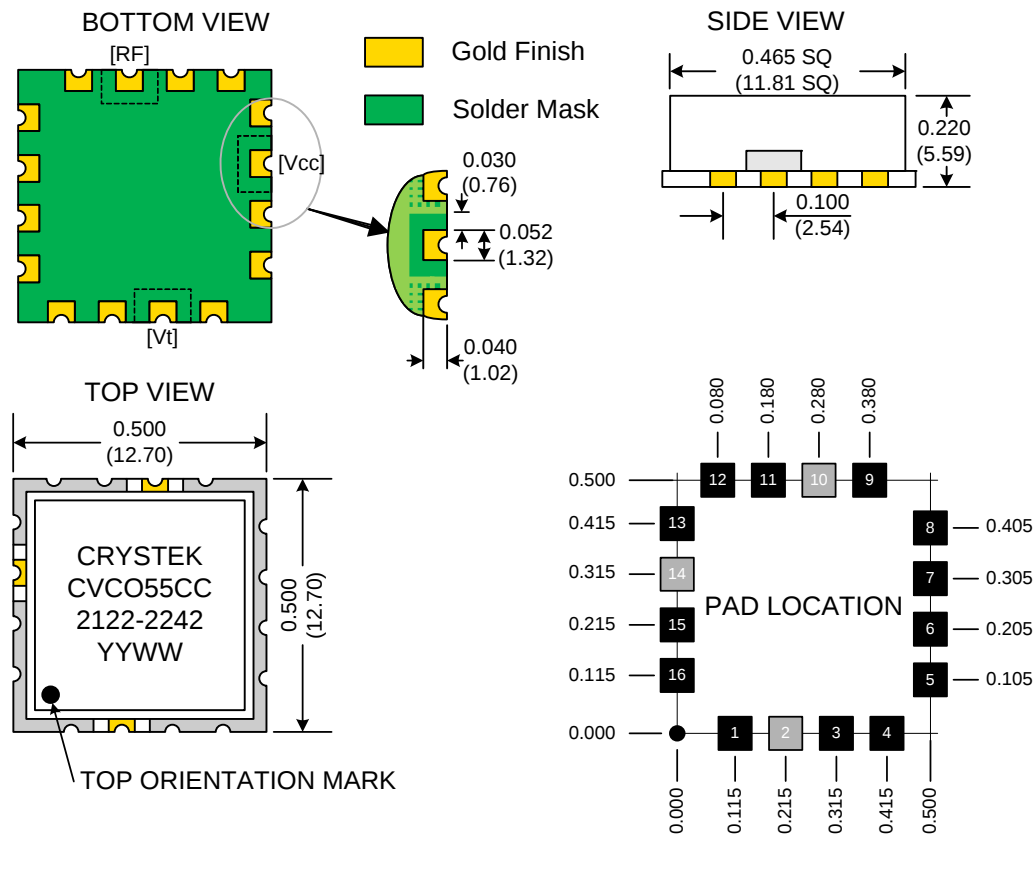
Tuning Curve (Typical)



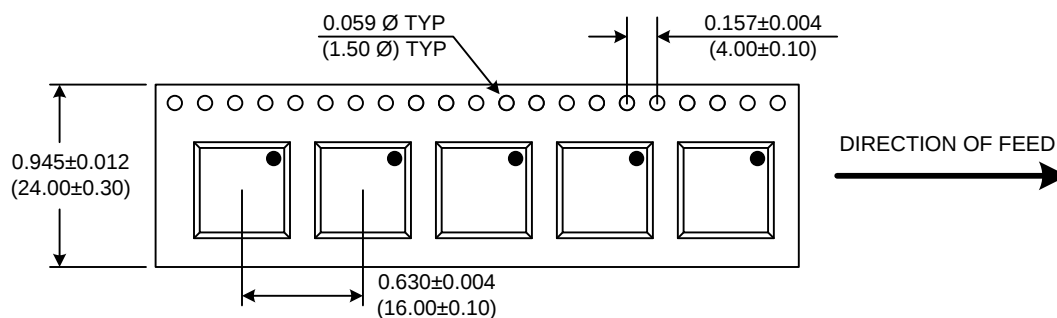


CRYSTEK
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Coaxial Resonator Oscillator-CRO CVCO55CC-2122-2242



TAPE AND REEL



Product Control:

Crystek Part Number:	CVCO55CC-2122-2242	Release Date:	19-Nov-2013
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2



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