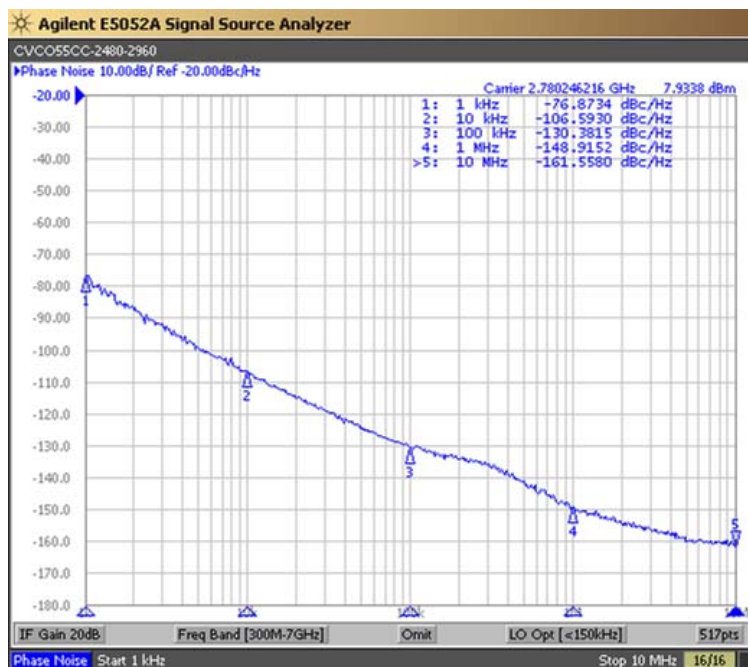


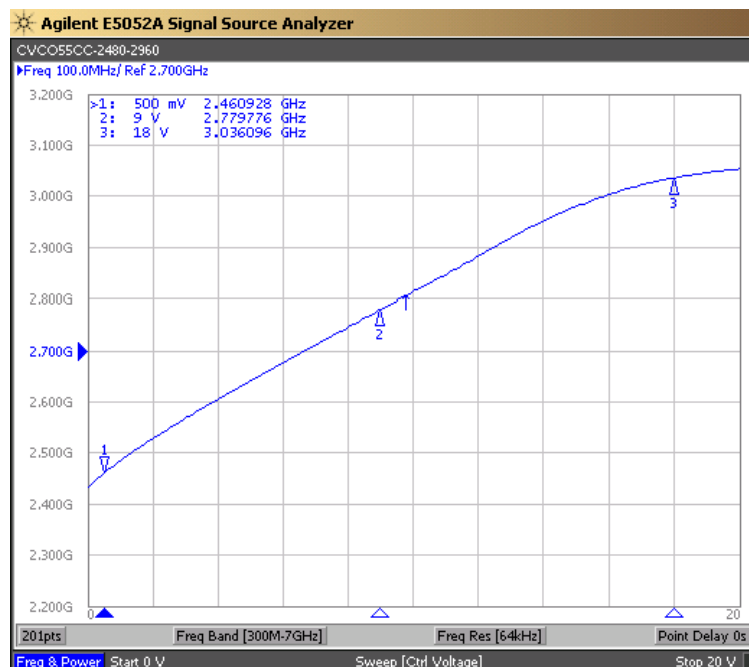


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2480	MHz
Upper Frequency:	2960			MHz
Tuning Voltage:	0.5		18.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+5.0	+7.0	+9.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:		1.5	3.0	MHz pk-pk
Tuning Sensitivity:		33		MHz/V
Phase Noise @ 10kHz offset:		-106	-103	dBc/Hz
Phase Noise @ 100kHz offset:		-130	-128	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

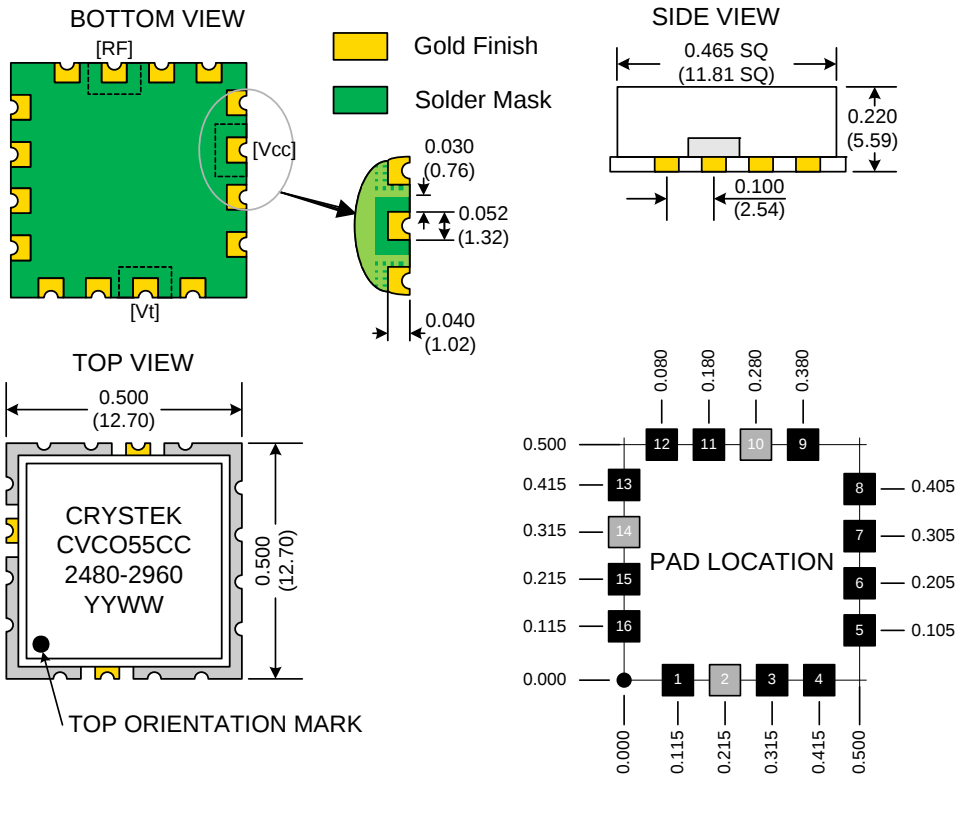


Tuning Curve (Typical)

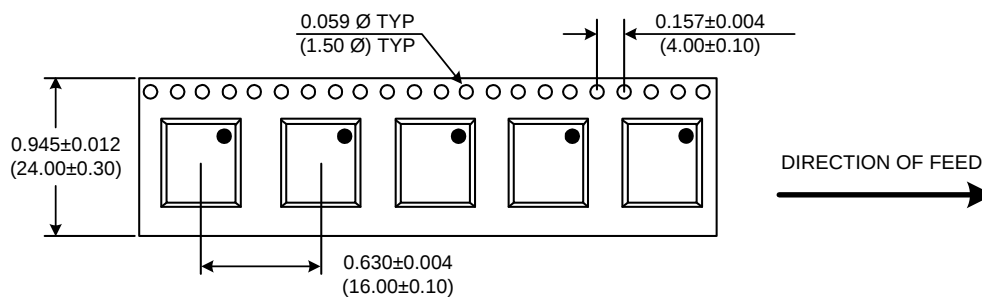


Coaxial Resonator Oscillator-CRO

CVCO55CC-2480-2960



TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2480-2960	Release Date:	03-Jun-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

Page 2 of 2