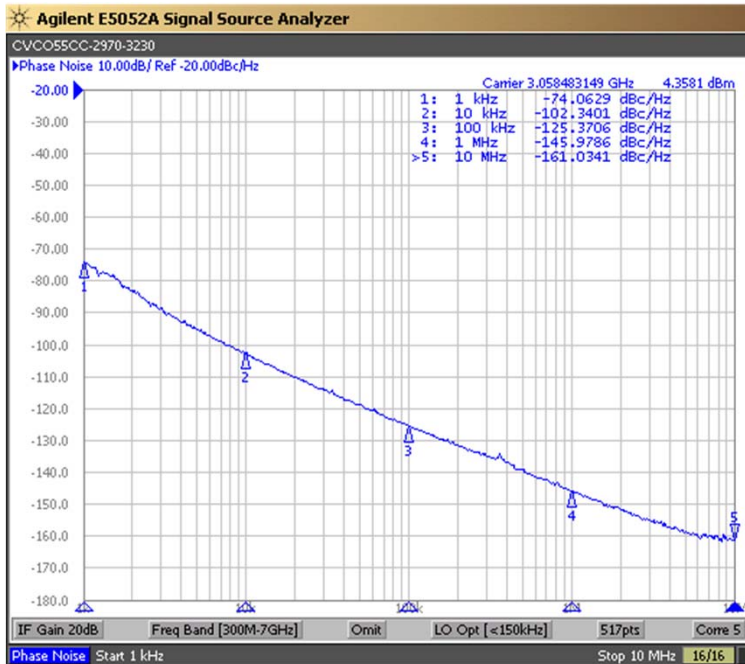


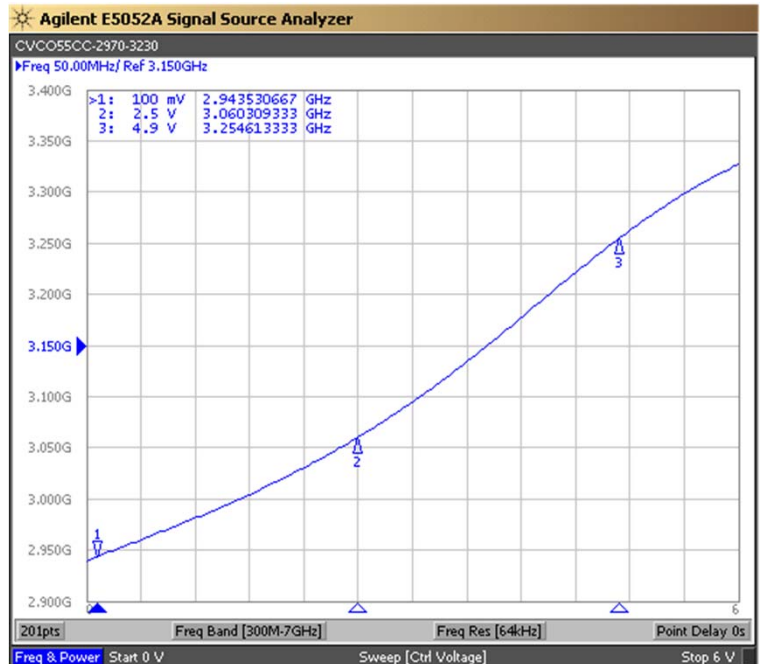


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2970	MHz
Upper Frequency:	3230			MHz
Tuning Voltage:	0.1		4.9	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+6.0	+8.0	dBm
Supply Current:			40	mA
Harmonic Suppression (2 nd Harmonic):		-20	-10	dBc
Pushing:			1.5	MHz/V
Pulling, all Phases:			3.0	MHz pk-pk
Tuning Sensitivity:		80		MHz/V
Phase Noise @ 10kHz offset:		-100	-95	dBc/Hz
Phase Noise @ 100kHz offset:		-126	-120	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			20	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

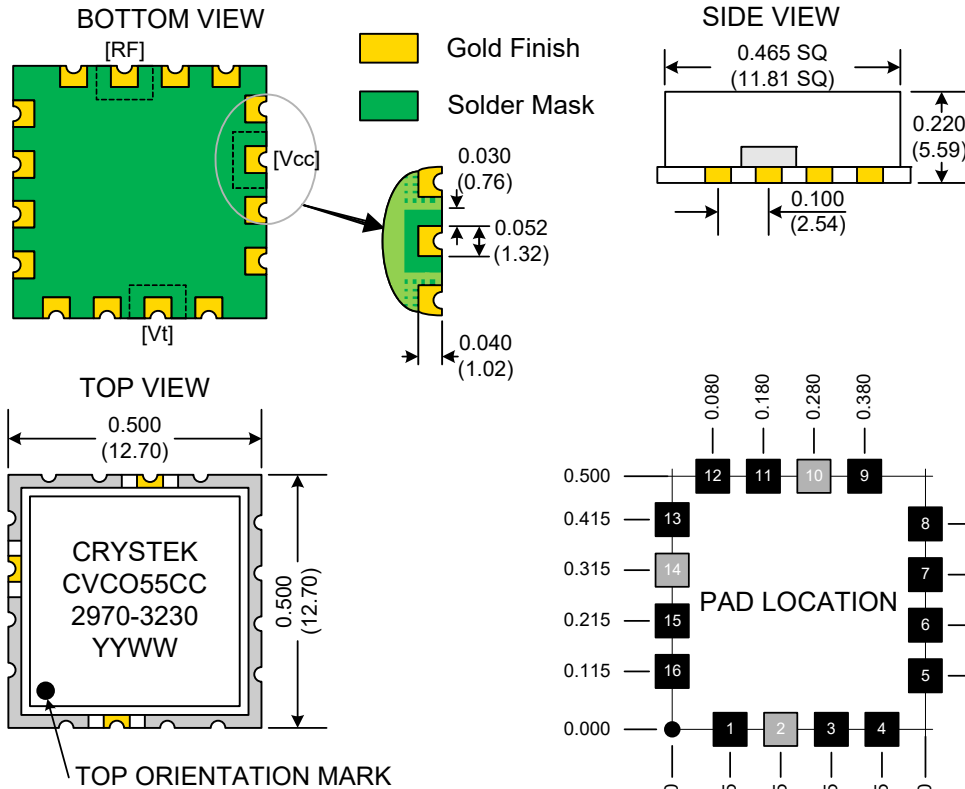


Tuning Curve (Typical)



Product Control:

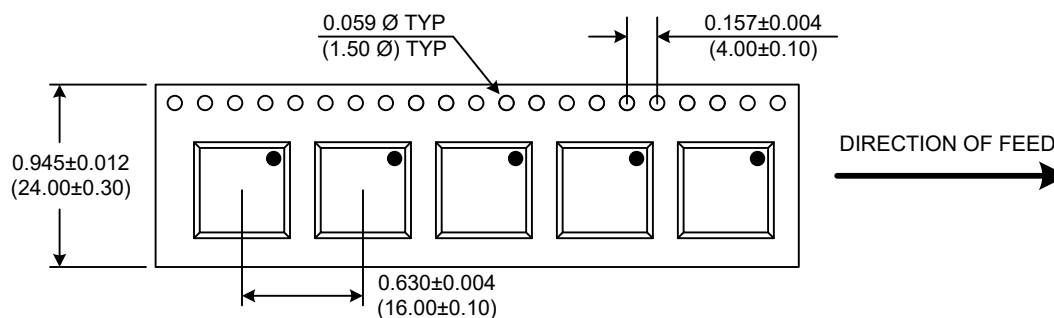
Crystek Part Number:	CVCO55CC-2970-3230	Release Date:	02-Oct-2019
Revision Level:	G	Responsible:	C. Vales



Pad	Connection
2	Vt
10	RF-OUTPUT
14	Vcc
Others	GROUND

- Unless otherwise specified, Dimensions are in: $\frac{IN}{(mm)}$
- Pad Location Dimensions are in: Inches

TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2970-3230	Release Date:	02-Oct-2019
Revision Level:	G	Responsible:	C. Vales

Specification is subject to change without notice