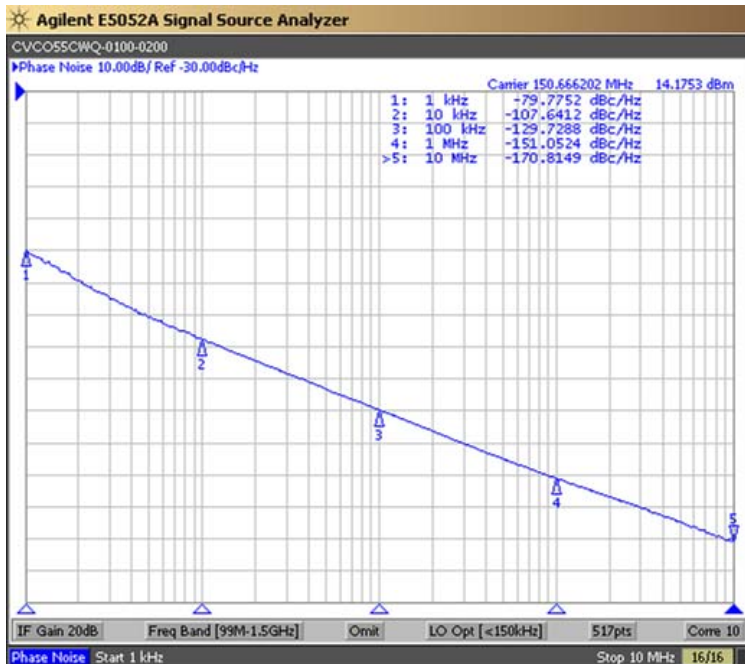


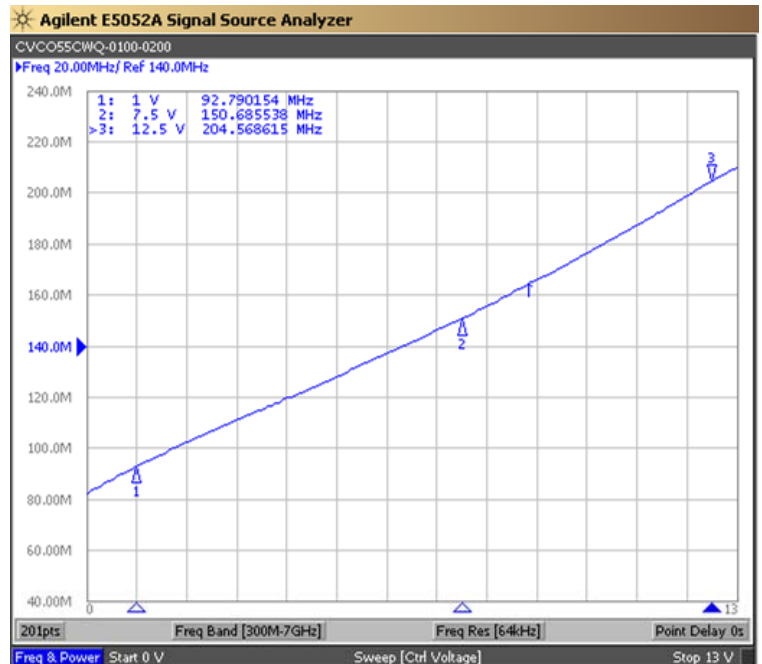


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			100	MHz
Upper Frequency:	200			MHz
Tuning Voltage:	1.0		12.5	VDC
Supply Voltage:	11.75	12.0	12.25	VDC
Output Power:	+10.0	+15.0	+20.0	dBm
Supply Current:		27		mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		0.2		MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		10		MHz/V
Phase Noise @ 10kHz offset:		-102		dBc/Hz
Phase Noise @ 100kHz offset:		-118		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			50	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)

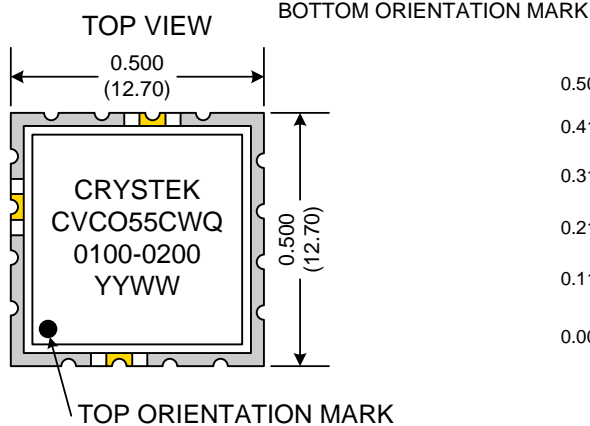


Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CWQ-0100-0200	Release Date:	06-Feb-2015
Revision Level:	C	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:	CVCO55CWQ-0100-0200	Release Date:	06-Feb-2015
Revision Level:	C	Responsible:	C. Vales

Specification is subject to change without notice