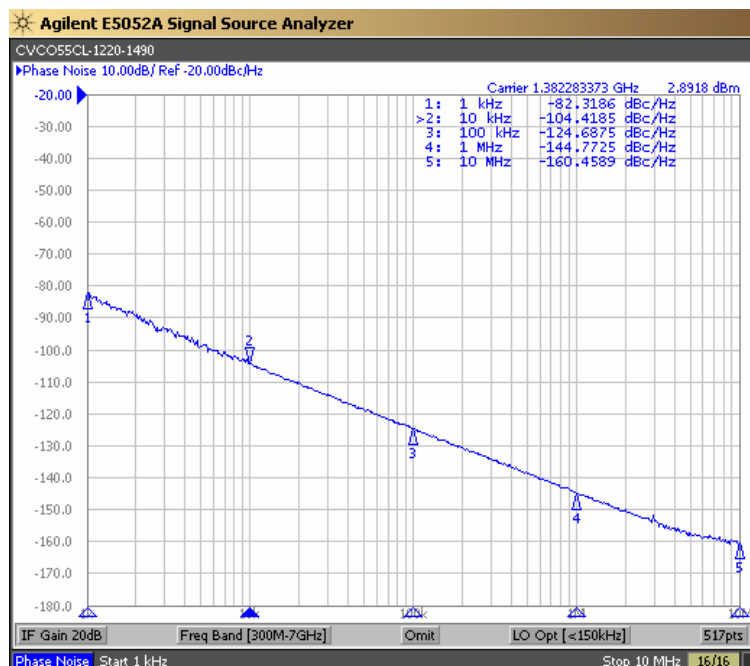


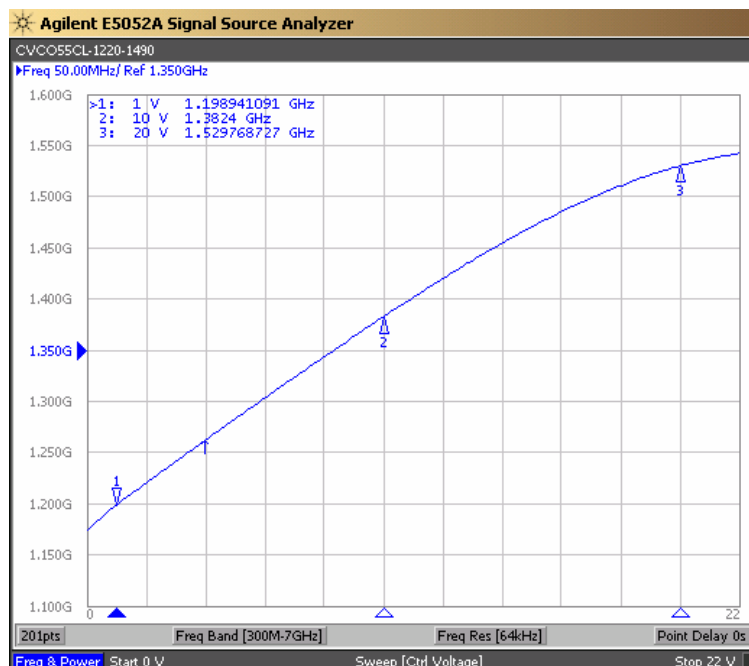


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1220	MHz
Upper Frequency:	1490			MHz
Tuning Voltage:	1.0		20.0	VDC
Supply Voltage:	7.75	8.0	8.25	VDC
Output Power:	+1.5	+3.0	+4.5	dBm
Supply Current:			20	mA
Harmonic Suppression (2 nd Harmonic):			-15	dBc
Pushing:			2.0	MHz/V
Pulling, all Phases:			3.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-105		dBc/Hz
Phase Noise @ 100kHz offset:		-124		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)

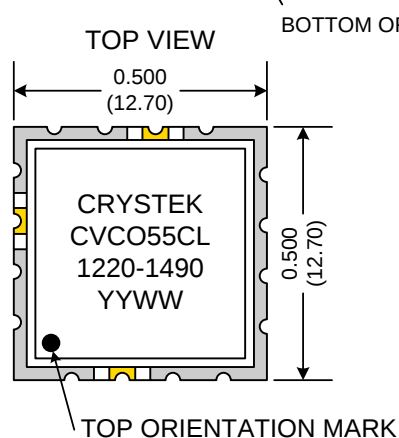




CRYSTEK
MICROWAVE
A DIVISION OF CRYSTEK CORPORATION

Voltage Controlled Oscillator-VCO

CVCO55CL-1220-1490



BOTTOM ORIENTATION MARK



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:	CVCO55CL-1220-1490	Release Date:	11-Dec-2013
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

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