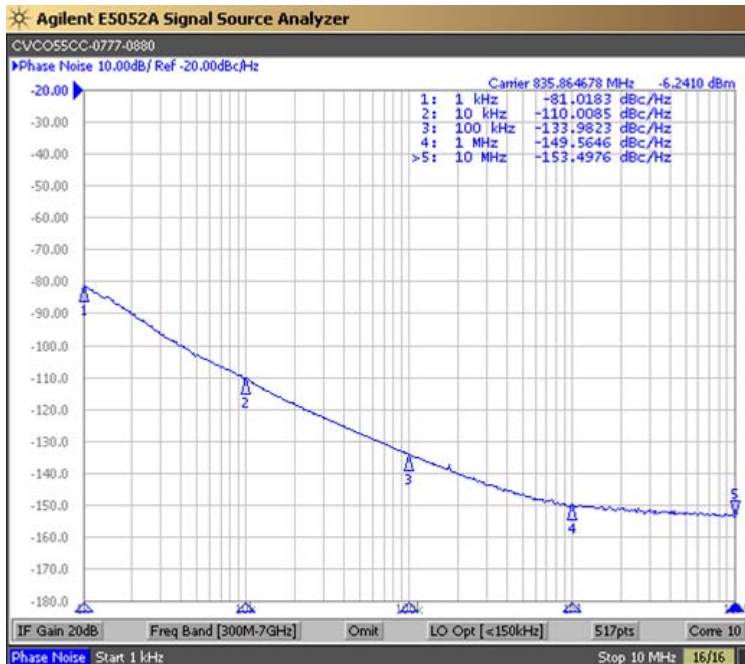


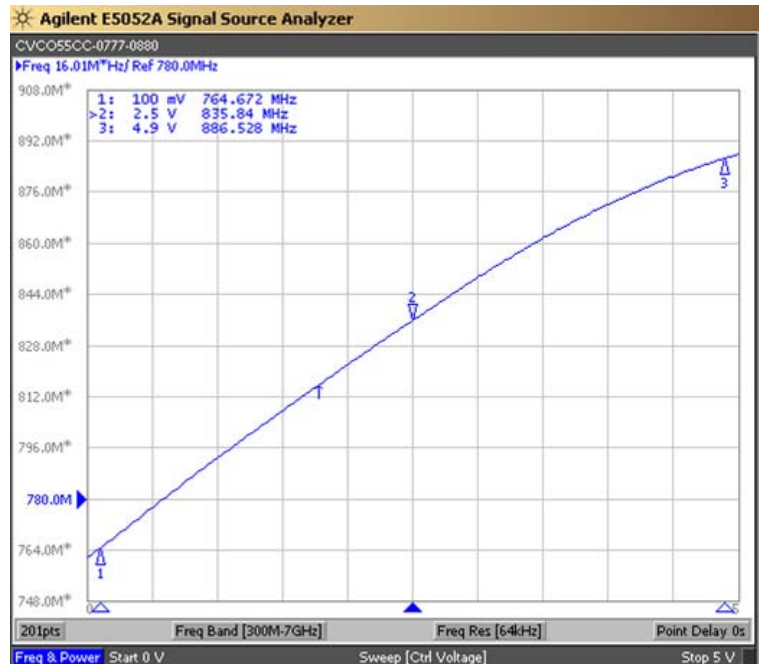


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			777	MHz
Upper Frequency:	880			MHz
Tuning Voltage:	0.1		4.9	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	-8.0	-5.0	-2.0	dBm
Supply Current:			35	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		1.0	1.5	MHz/V
Pulling, all Phases:		0.5	1.5	MHz pk-pk
Tuning Sensitivity:		35		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-130		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)

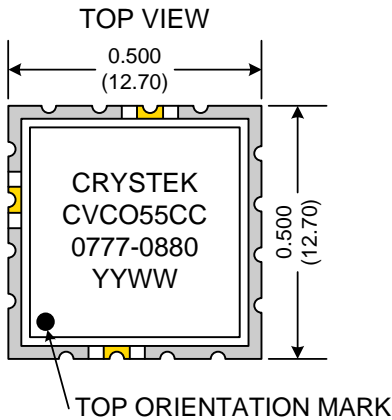


Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CC-0777-0880	Release Date:	02-Oct-2014
Revision Level:	D	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-0777-0880	Release Date:	02-Oct-2014
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

Mouser Electronics

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[CVCO55CC-0777-0880](#)