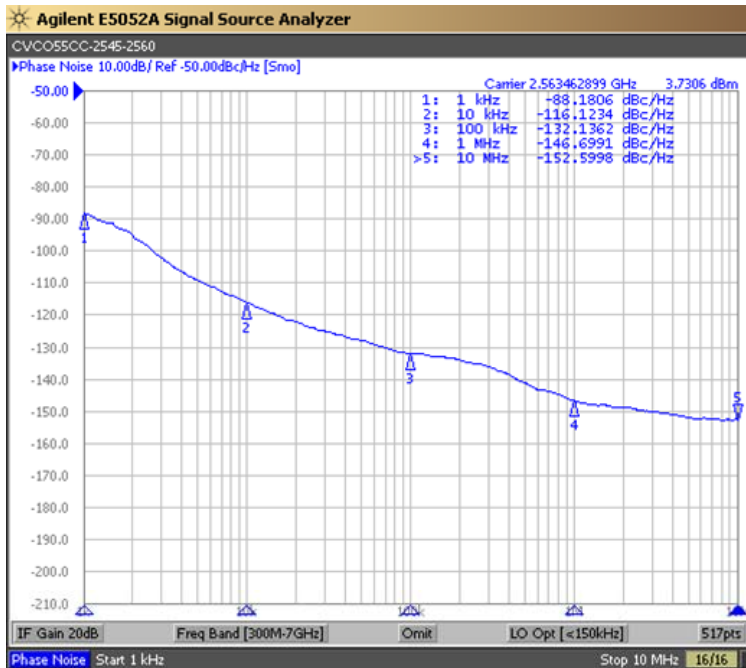


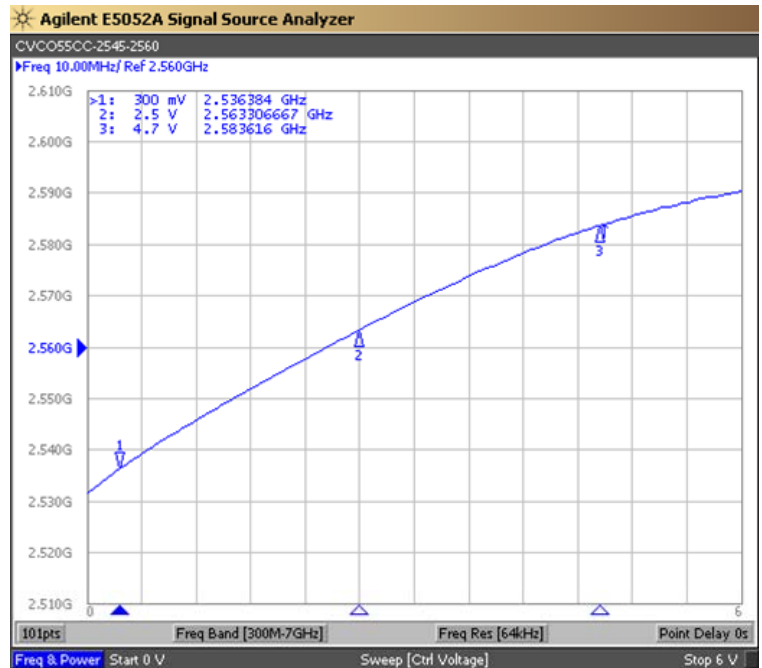


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2545	MHz
Upper Frequency:	2560			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+2.0	+4.5	+7.0	dBm
Supply Current:			40	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-25		dBc
Pushing:		0.2	0.5	MHz/V
Pulling, all Phases:		1.0	1.5	MHz pk-pk
Tuning Sensitivity:		8		MHz/V
Phase Noise @ 10kHz offset:		-116		dBc/Hz
Phase Noise @ 100kHz offset:		-135	-130	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			15	pF
Operating Temperature Range:	-30		+70	$^{\circ}$ C
Storage Temperature Range:	-45		+90	$^{\circ}$ C

Phase Noise (1 Hz BW, Typical)



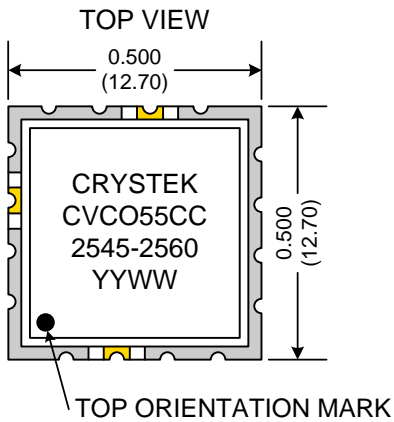
Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CVCO55CC-2545-2560	Release Date:	16-May-2014
Revision Level:	E	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-2545-2560	Release Date:	16-May-2014
Revision Level:	E	Responsible:	C. Vales

Specification is subject to change without notice

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