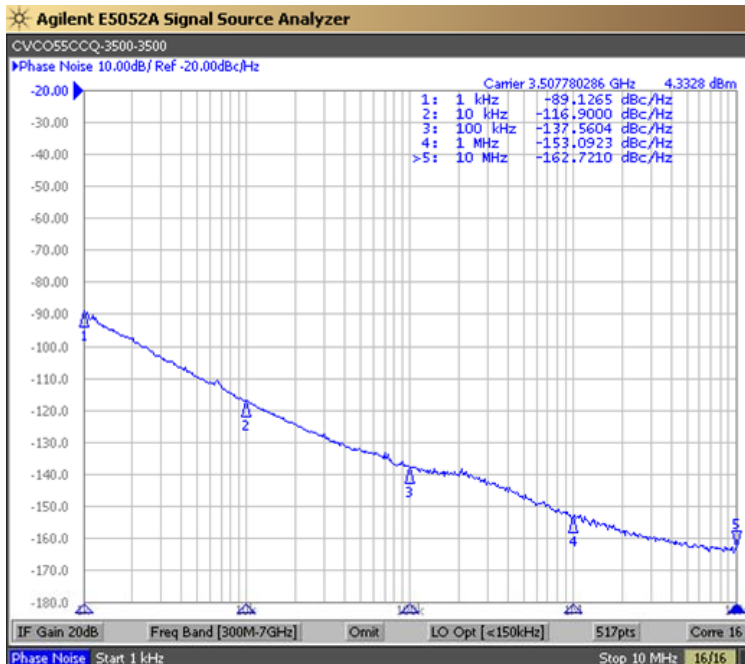


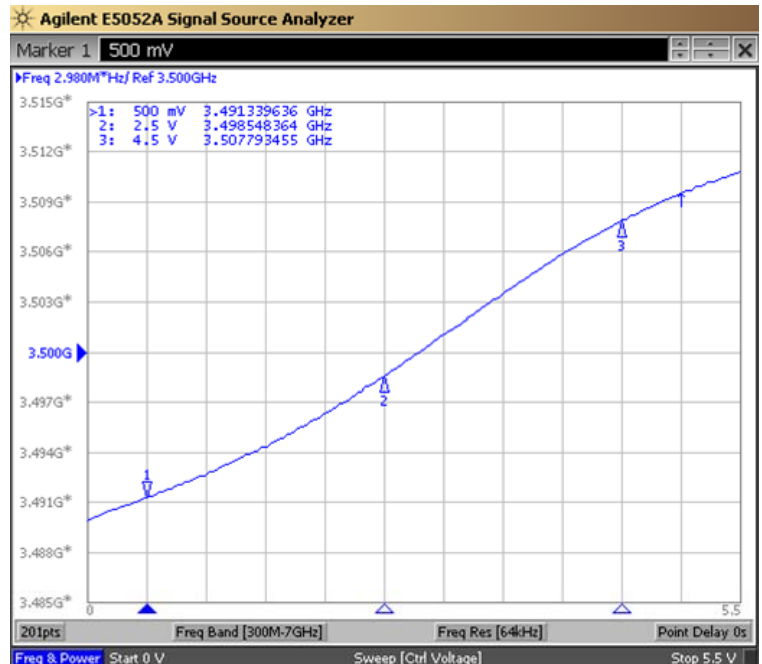


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3500	MHz
Upper Frequency:	3500			MHz
Tuning Voltage:	0.3		4.9	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+4.0	+6.0	+8.0	dBm
Supply Current:		27		mA
Harmonic Suppression (2 nd Harmonic)		-12	-8	dBc
Pushing:		0.1		MHz/V
Pulling, all Phases:		0.3		MHz pk-pk
Tuning Sensitivity:		8		MHz/V
Phase Noise @ 10kHz offset:		-115	-110	dBc/Hz
Phase Noise @ 100kHz offset:		-135	-130	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:		10		pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

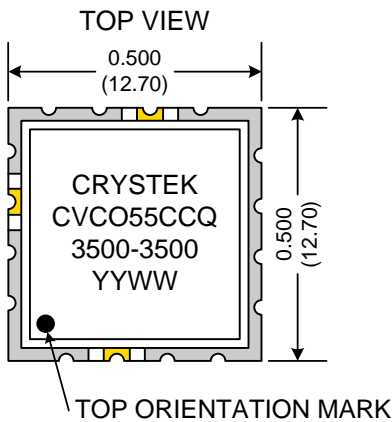


Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO55CCQ-3500-3500	Release Date:	29-Apr-2015
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:	CVCO55CCQ-3500-3500	Release Date:	29-Apr-2015
Revision Level:	D	Responsible:	C. Vales

Specification is subject to change without notice

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