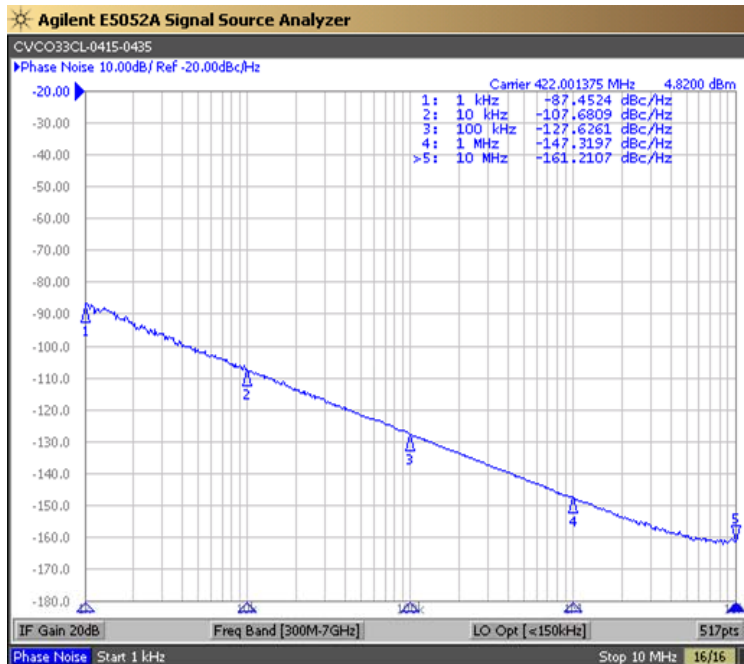
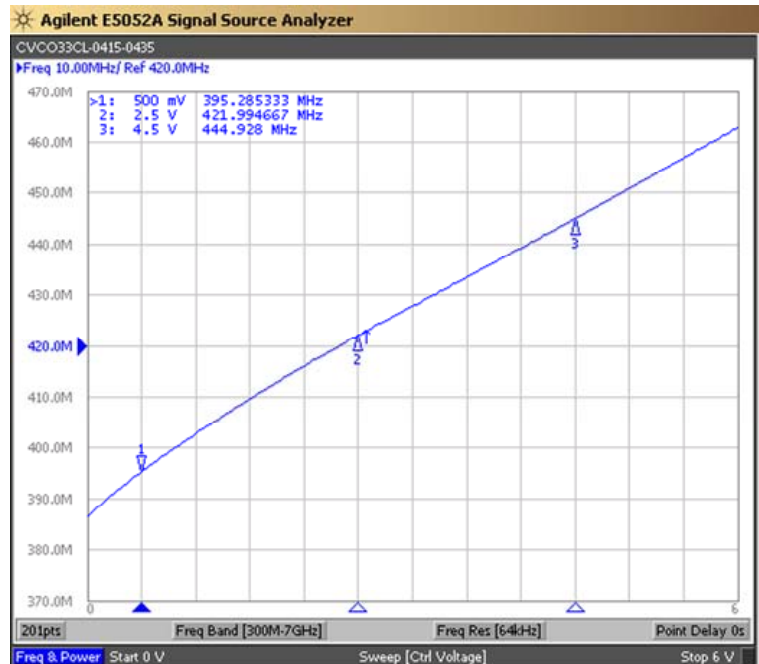


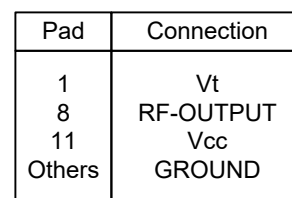
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			415	MHz
Upper Frequency:	435			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+3.0	+6.0	dBm
Supply Current:		15		mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		12		MHz/V
Phase Noise @ 10kHz offset:		-103		dBc/Hz
Phase Noise @ 100kHz offset:		-123		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)





- Unless otherwise specified, Dimensions are in: $\frac{\text{IN}}{(\text{mm})}$
- Pad Location Dimensions are in: Inches

Technical drawing of a rectangular plate with five square holes and a row of 15 circular holes. The drawing includes the following dimensions and features:

- Hole Diameter:** $0.059 \text{ } \varnothing \text{ TYP}$ (1.50 $\varnothing$) TYP
- Hole Spacing:** 0.157 ± 0.004 (4.00 ± 0.10)
- Plate Width:** 0.630 ± 0.012 (16.00 ± 0.30)
- Hole Width:** 0.472 (12.00)
- Direction of Feed:** Indicated by an arrow pointing to the right.

Drawing not to scale

Crystek Part Number:	CVCO33CL-0415-0435	Release Date:	05-Apr-12
Revision Level:	D	Responsible:	C. Vales

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