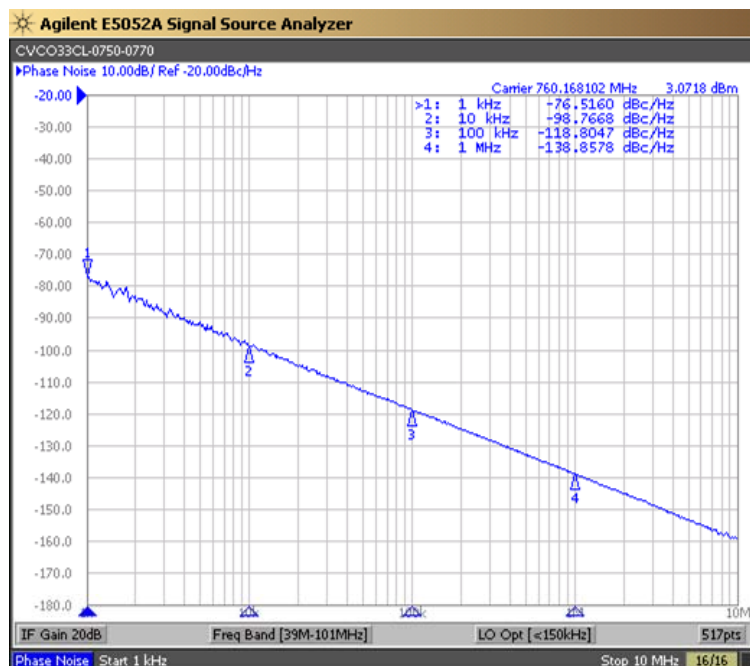


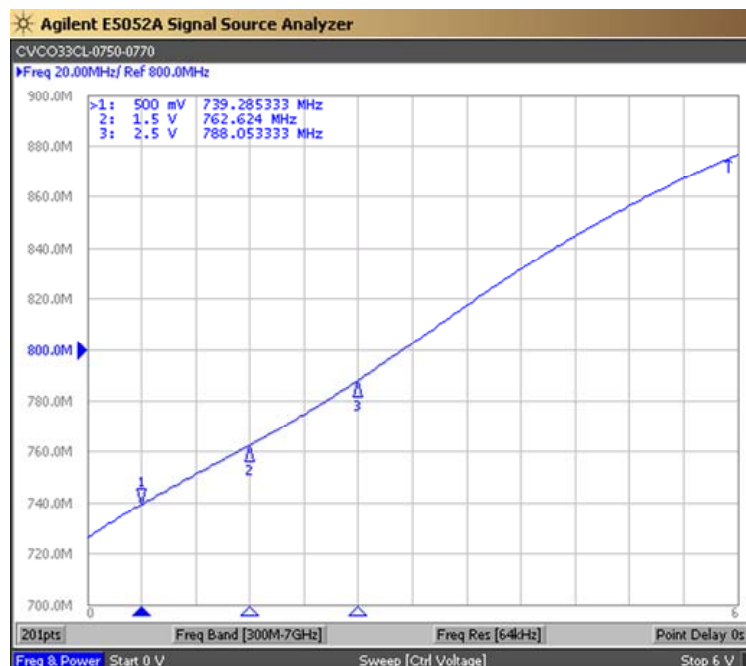


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			750	MHz
Upper Frequency:	770			MHz
Tuning Voltage:	0.5		2.5	VDC
Supply Voltage:	2.565	2.7	2.835	VDC
Output Power:	+3.0	+5.0	+7.0	dBm
Supply Current:			11	mA
Harmonic Suppression (2 nd Harmonic):		-20	-15	dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		30		MHz/V
Phase Noise @ 10kHz offset:		-100		dBc/Hz
Phase Noise @ 100kHz offset:		-121		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			35	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



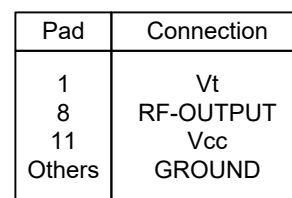
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO33CL-0750-0770	Release Date:	03-Aug-2018
Revision Level:	E	Responsible:	C. Vales





- Unless otherwise specified, Dimensions are in: IN
(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:

- Overall Dimensions:**
 - Width: 0.630 ± 0.012 (16.00 ± 0.30)
 - Height: 0.157 ± 0.004 (4.00 ± 0.10)
- Hole Dimensions and Spacing:**
 - Circular holes: $0.059 \varnothing$ TYP ($1.50 \varnothing$) TYP
 - Square holes: 0.472 (12.00)
 - Distance between square holes: 0.157 ± 0.004 (4.00 ± 0.10)
- Direction of Feed:** Indicated by an arrow pointing to the right.

Drawing not to scale

Crystek Part Number:	CVCO33CL-0750-0770	Release Date:	03-Aug-2018
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