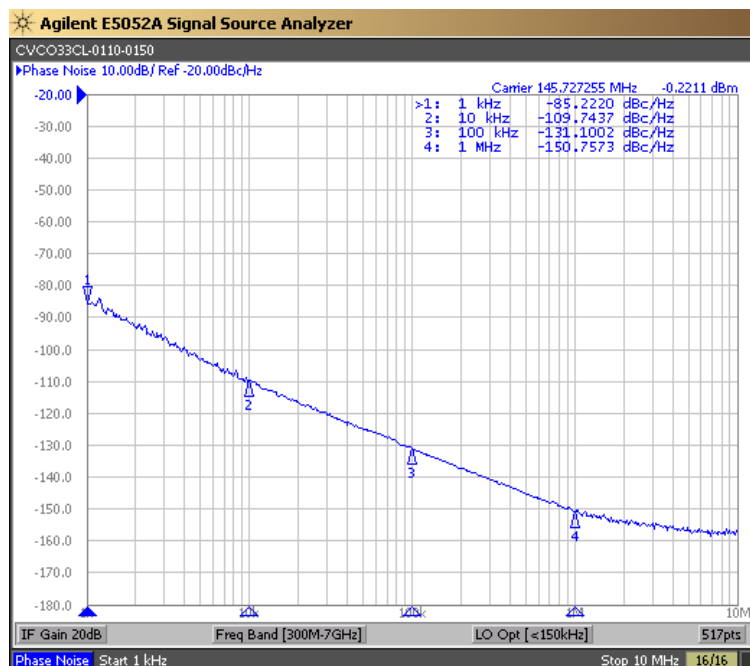
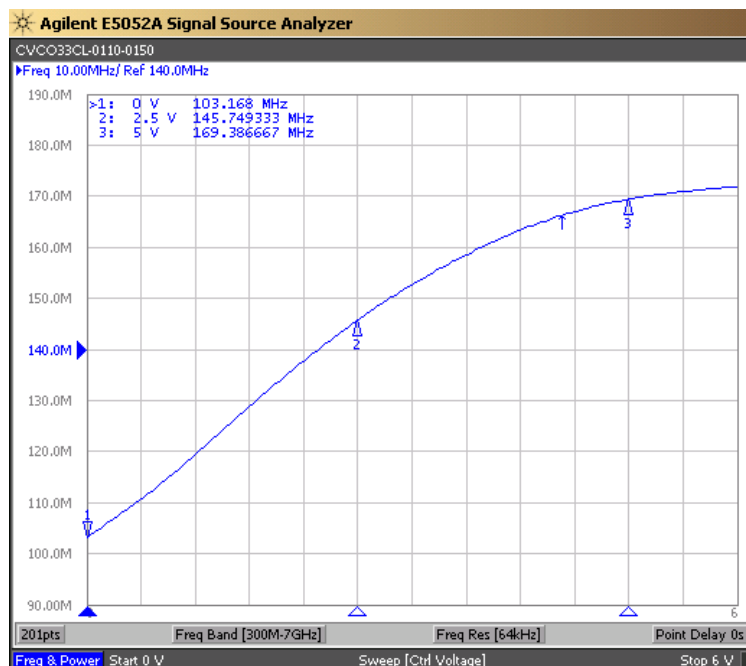


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			110	MHz
Upper Frequency:	150			MHz
Tuning Voltage:	0		5.0	VDC
Supply Voltage:	3.135	3.30	3.465	VDC
Output Power:	-3.0	0	+3.0	dBm
Supply Current:		10		mA
Harmonic Suppression (2 nd Harmonic):		-10		dBc
Pushing:		1.0		MHz/V
Pulling, all Phases:		3.0		MHz pk-pk
Tuning Sensitivity:		11		MHz/V
Phase Noise @ 10kHz offset:		-110		dBc/Hz
Phase Noise @ 100kHz offset:		-129		dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			100	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)



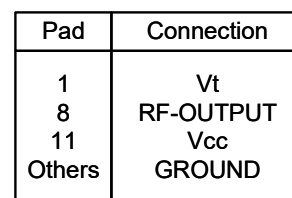
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO33CL-0110-0150	Release Date:	21-May-2025
Revision Level:	F	Responsible:	C. Vales





- Unless otherwise specified, Dimensions are in: IN
(mm)
- Pad Location Dimensions are in: Inches

0.630±0.012
(16.00±0.30)

0.059 Ø TYP
(1.50 Ø) TYP

0.157±0.004
(4.00±0.10)

0.472
(12.00)

DIRECTION OF FEED

Drawing not to scale

Crystek Part Number:	CVCO33CL-0110-0150	Release Date:	21-May-2025
Revision Level:	F	Responsible:	C. Vales

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