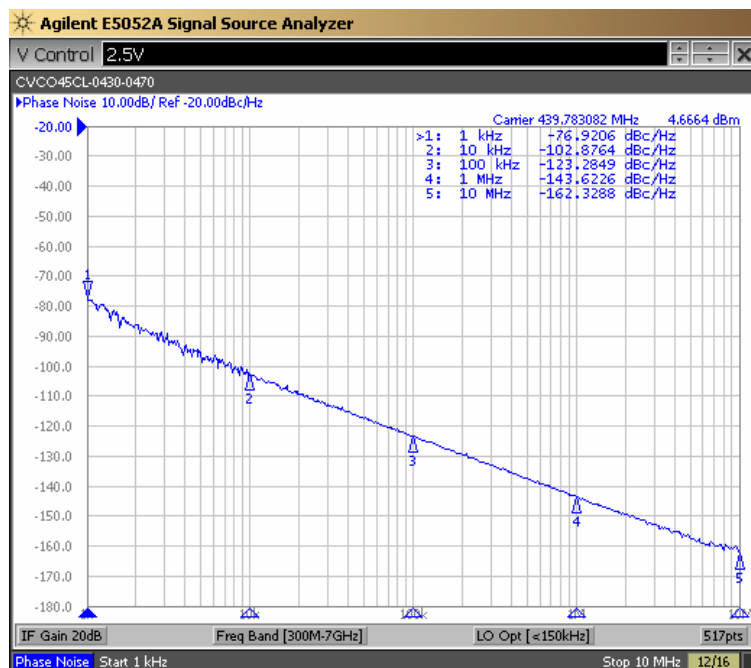
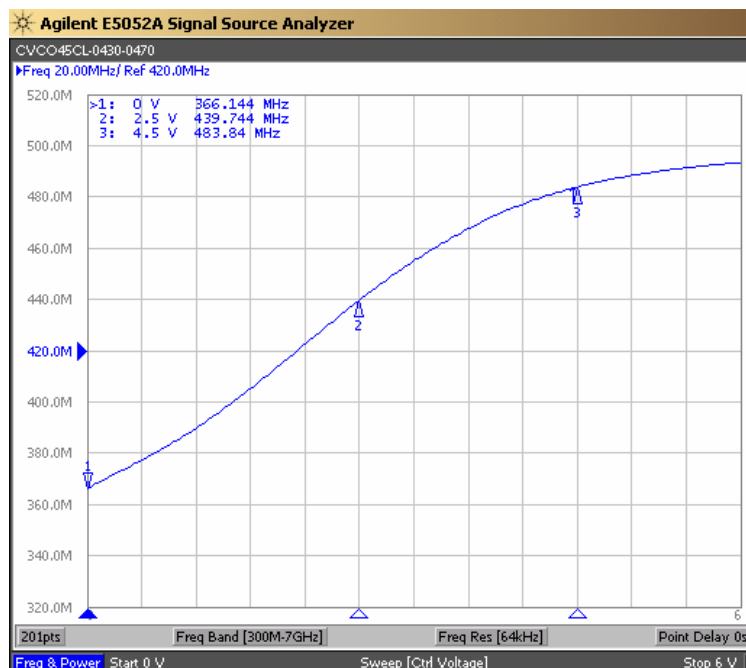


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			430	MHz
Upper Frequency:	470			MHz
Tuning Voltage:	0		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+1.0	+4.0	+7.0	dBm
Supply Current:		10		mA
Harmonic Suppression (2 nd Harmonic):		-15		dBc
Pushing:		1.5		MHz/V
Pulling, all Phases:		1.0	2.0	MHz pk-pk
Tuning Sensitivity:		18		MHz/V
Phase Noise @ 10kHz offset:		-103		dBc/Hz
Phase Noise @ 100kHz offset:		-122		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)



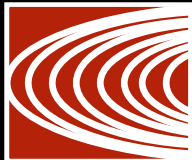
Tuning Curve (Typical)



Product Control:

Crystek Part Number:	CVCO45CL-0430-0470	Release Date:	27-Jul-2017
Revision Level:	K	Responsible:	C. Vales

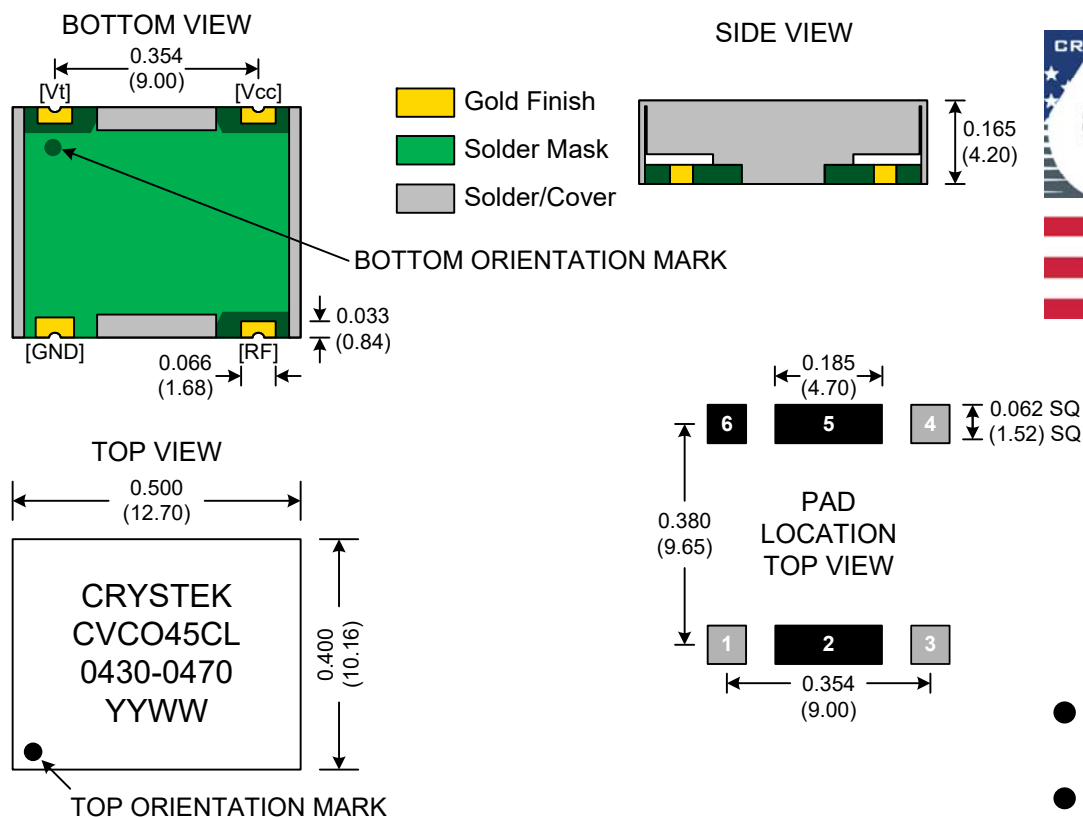




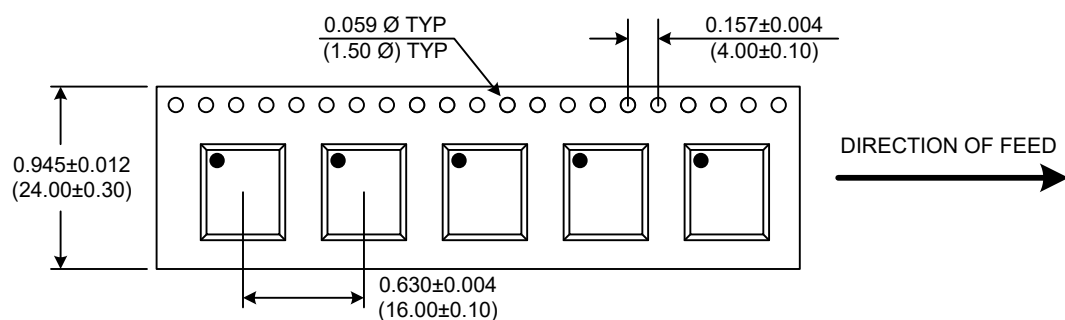
CRYSTEK
MICROWAVE
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Voltage Controlled Oscillator-VCO

CVCO45CL-0430-0470



TAPE AND REEL



Drawing not to scale

Product Control:

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Revision Level:	K	Responsible:	C. Vales

Specification is subject to change without notice

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