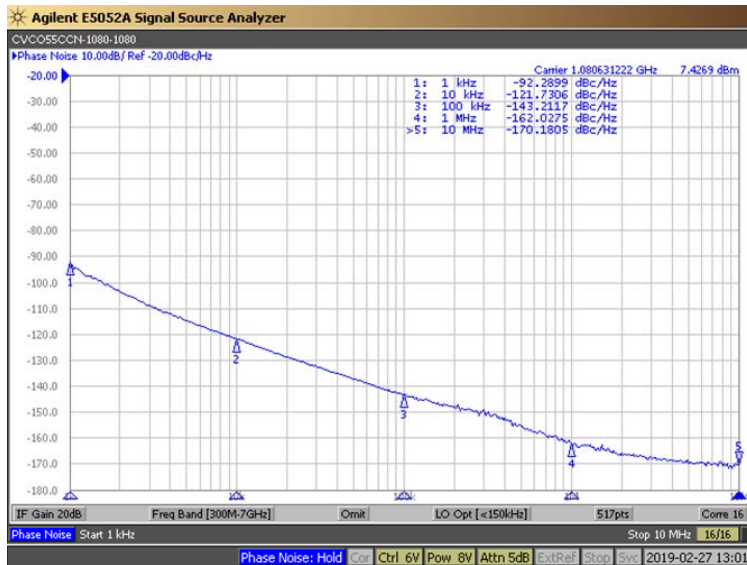


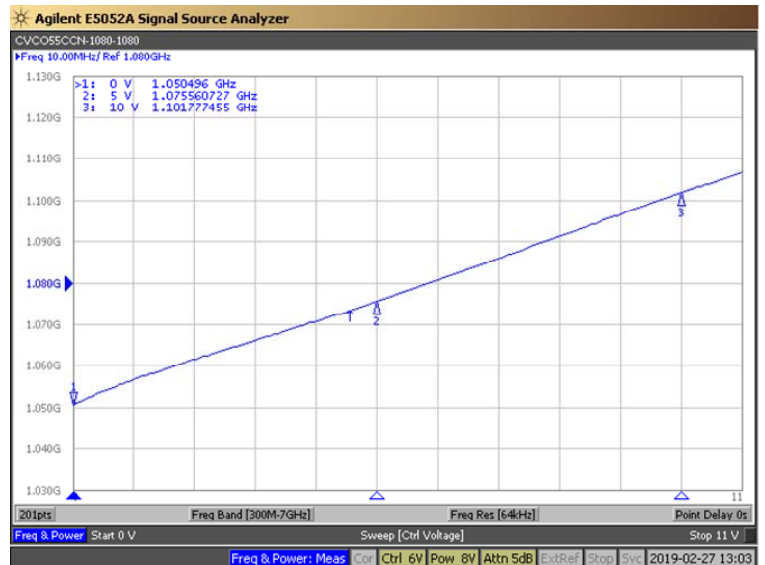


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1080	MHz
Upper Frequency:	1080			MHz
Tuning Voltage:	0		10.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+6.0	+8.0	+10.0	dBm
Supply Current:		30		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-25	-18	dBc
Pushing:		0.6	1.0	MHz/V
Pulling, all Phases:		0.5	1.0	MHz pk-pk
Tuning Sensitivity:		6		MHz/V
Phase Noise @ 10kHz offset:		-120	-118	dBc/Hz
Phase Noise @ 100kHz offset:		-142	-140	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:		47		pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

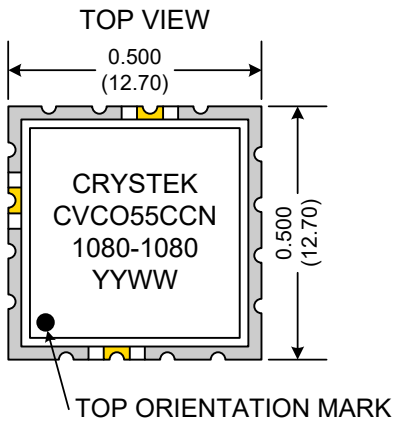
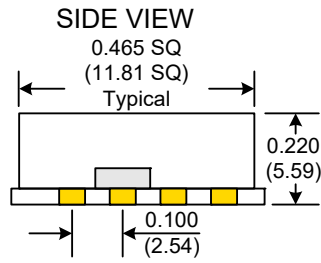
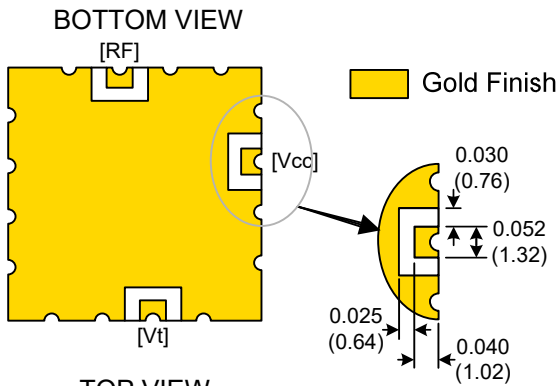


Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CVCO55CCN-1080-1080	Release Date:	27-Feb-2019
Revision Level:	A	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:	CVCO55CCN-1080-1080	Release Date:	27-Feb-2019
Revision Level:	A	Responsible:	C. Vales

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