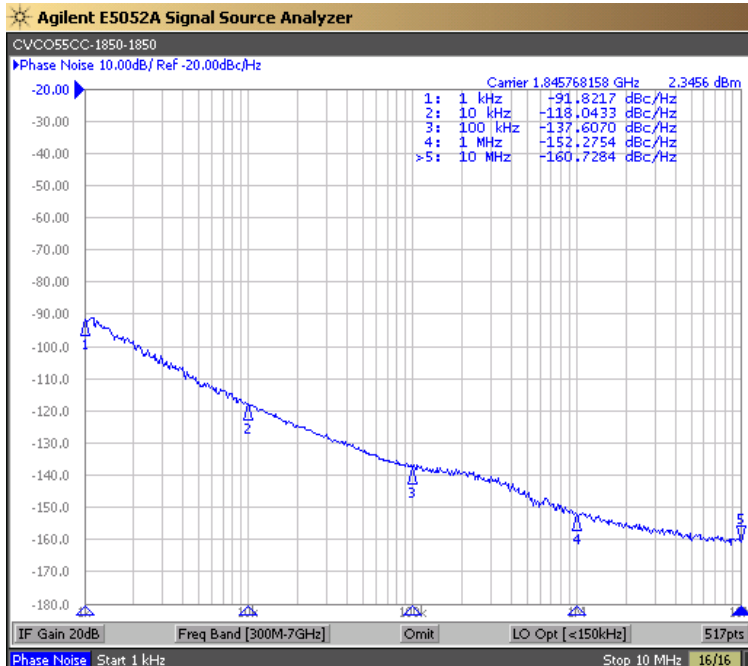


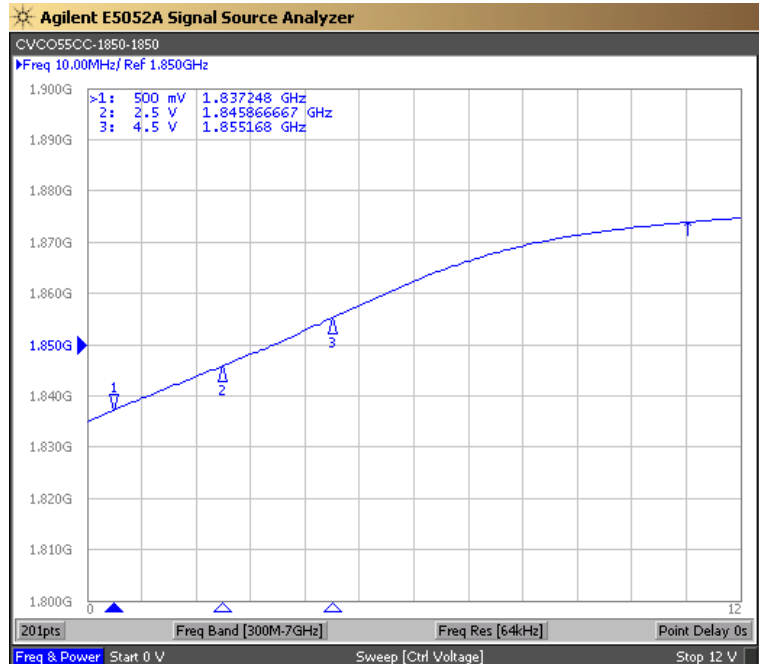


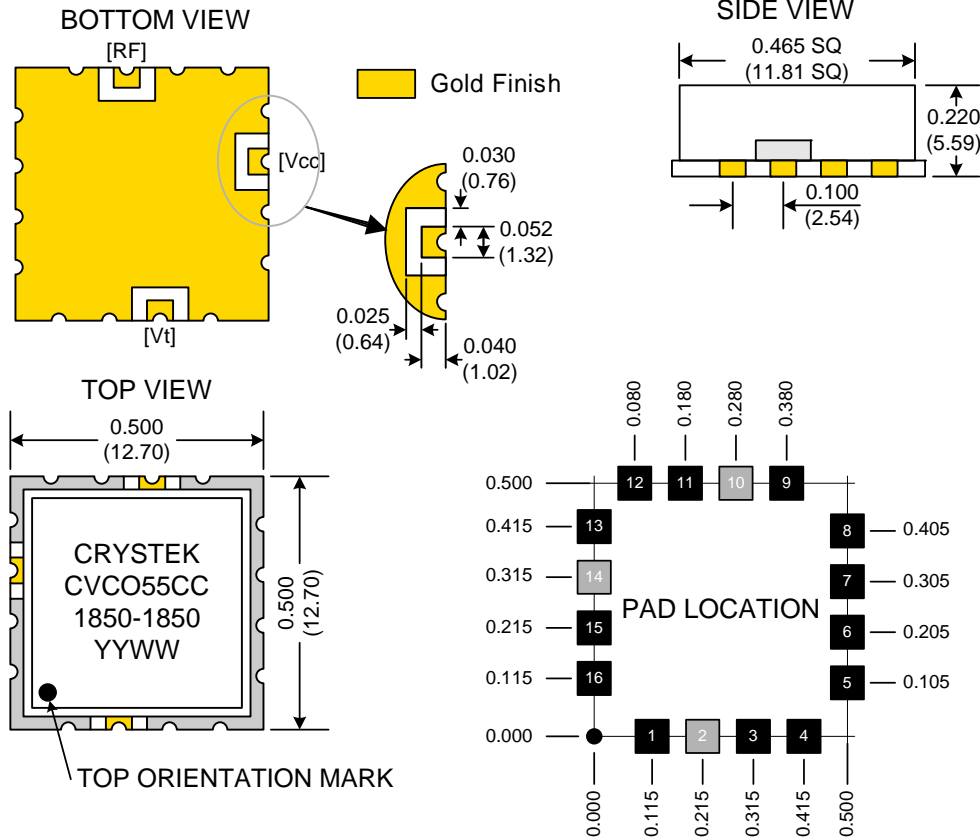
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1850	MHz
Upper Frequency:	1850			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	0	+2.5	+5.0	dBm
Supply Current:		20		mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic):		-15		dBc
Pushing:			1.0	MHz/V
Pulling, all Phases:			2.0	MHz pk-pk
Tuning Sensitivity:			9	MHz/V
Phase Noise @ 10kHz offset:		-117	-115	dBc/Hz
Phase Noise @ 100kHz offset:		-137	-135	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			50	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)





**TAPE AND REEL**



Drawing not to scale

**Product Control:**

Crystek Part Number:	CVCO55CC-1850-1850	Release Date:	26-Mar-10
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice