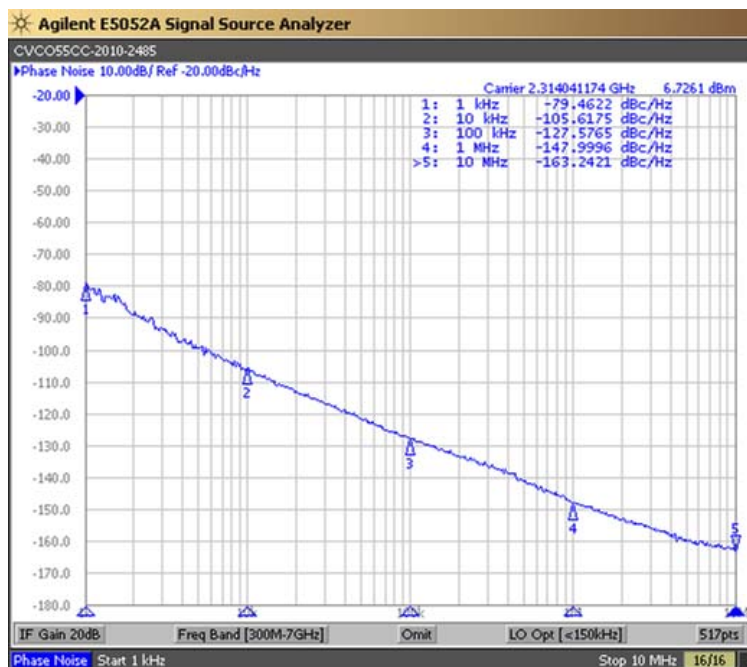


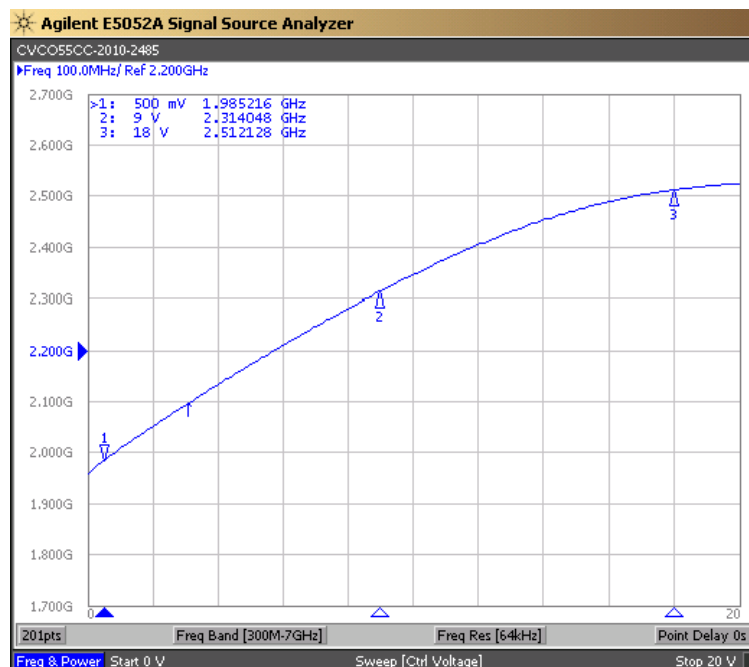


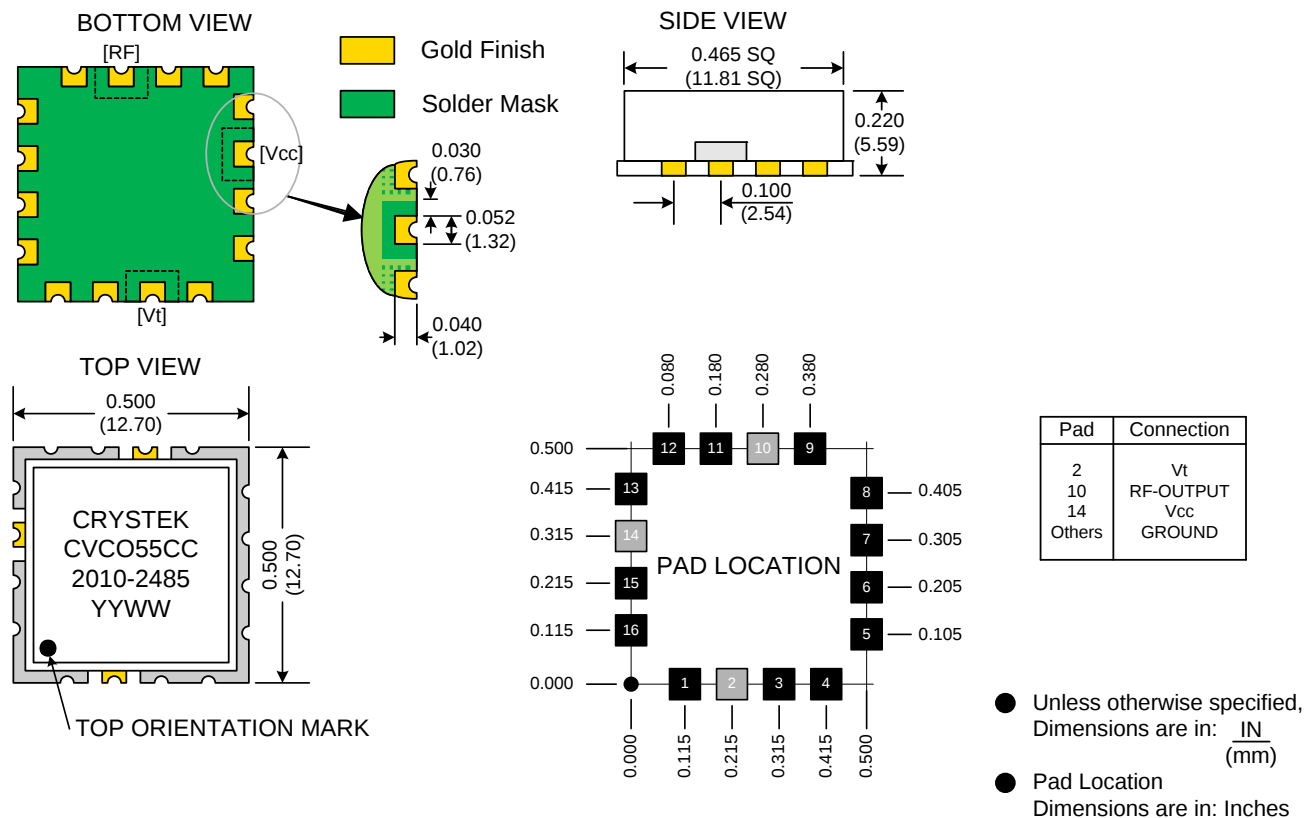
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2010	MHz
Upper Frequency:	2485			MHz
Tuning Voltage:	0.5		18.0	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	+5.0	+7.0	+9.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-15	-10	dBc
Pushing:		0.6	1.5	MHz/V
Pulling, all Phases:		1.5	3.0	MHz pk-pk
Tuning Sensitivity:		33		MHz/V
Phase Noise @ 10kHz offset:		-105	-102	dBc/Hz
Phase Noise @ 100kHz offset:		-129	-127	dBc/Hz
Load Impedance:		50		Ω
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)

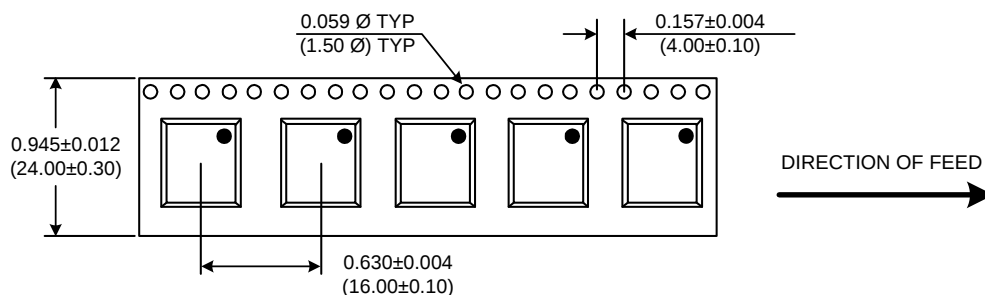


Tuning Curve (Typical)





TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2010-2485	Release Date:	02-Jun-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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