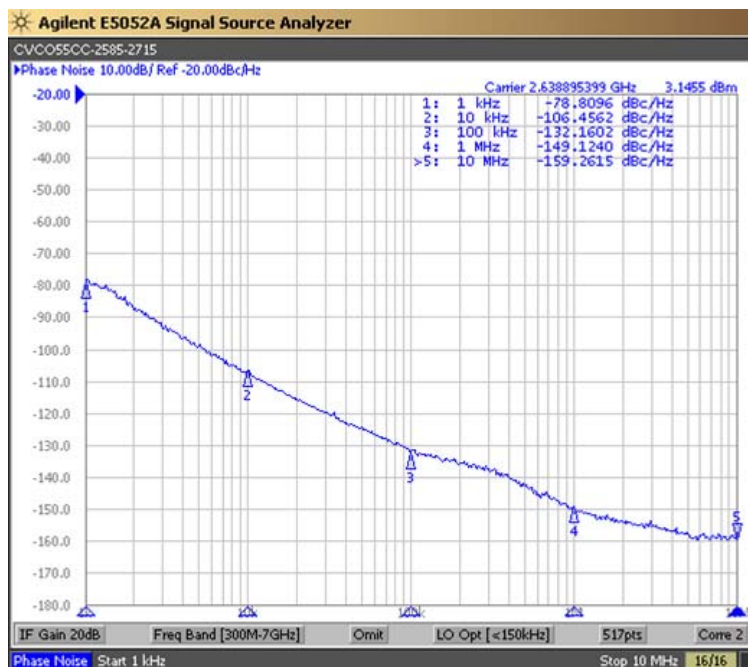


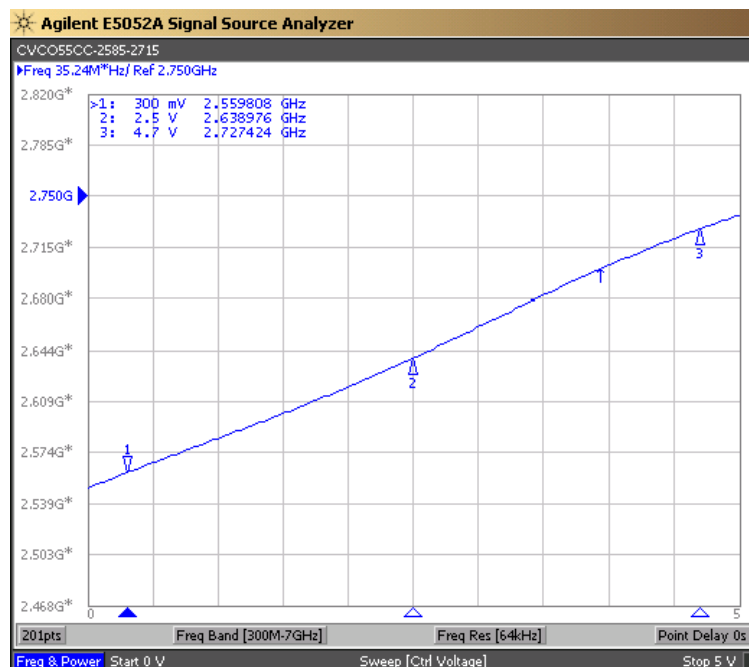


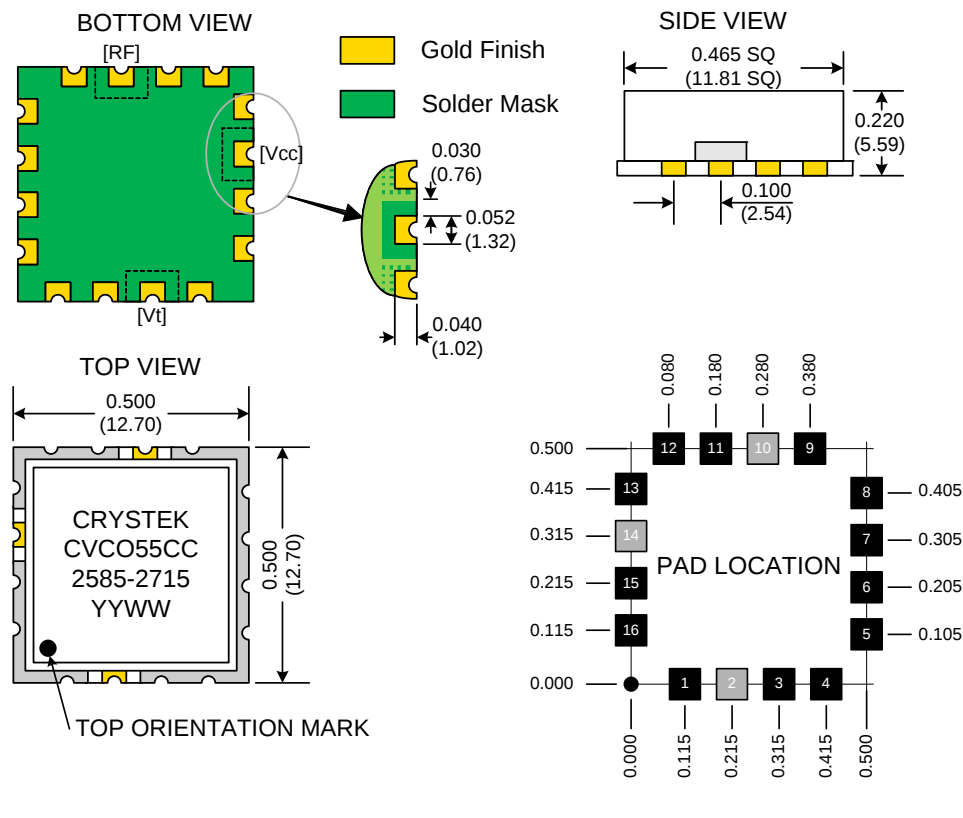
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			2585	MHz
Upper Frequency:	2715			MHz
Tuning Voltage:	0.3		4.7	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+1.0	+3.0	+5.0	dBm
Supply Current:		25	35	mA
Harmonic Suppression (2 nd Harmonic):		-25	-15	dBc
Pushing:		2.5	5.0	MHz/V
Pulling, all Phases:		0.5	1.5	MHz pk-pk
Tuning Sensitivity:		40		MHz/V
Phase Noise @ 10kHz offset:		-106	-103	dBc/Hz
Phase Noise @ 100kHz offset:		-132	-129	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			15	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

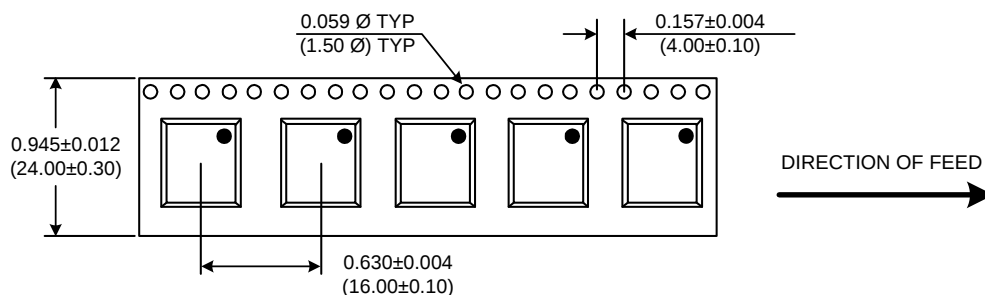


Tuning Curve (Typical)





TAPE AND REEL



Drawing not to scale

Product Control:

Crystek Part Number:	CVCO55CC-2585-2715	Release Date:	23-Jul-08
Revision Level:	A	Responsible:	C. Vales

Specification is subject to change without notice

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