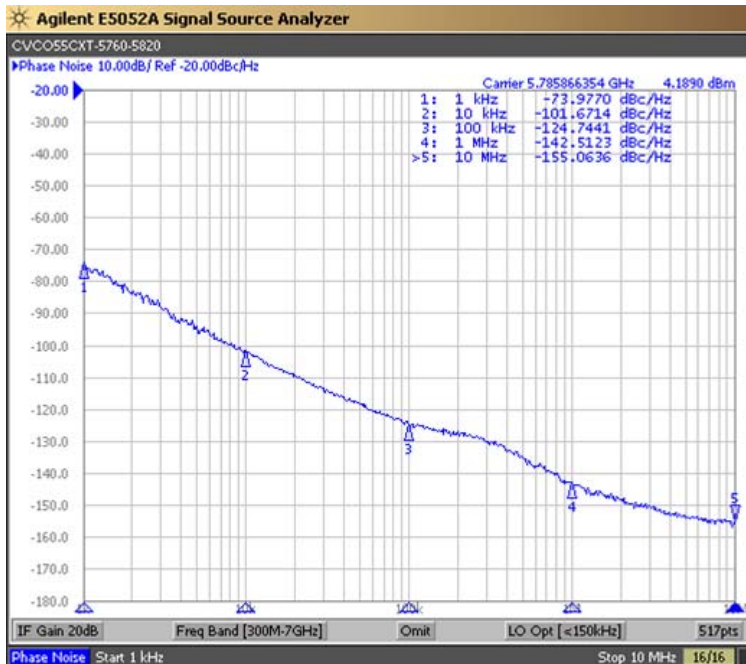


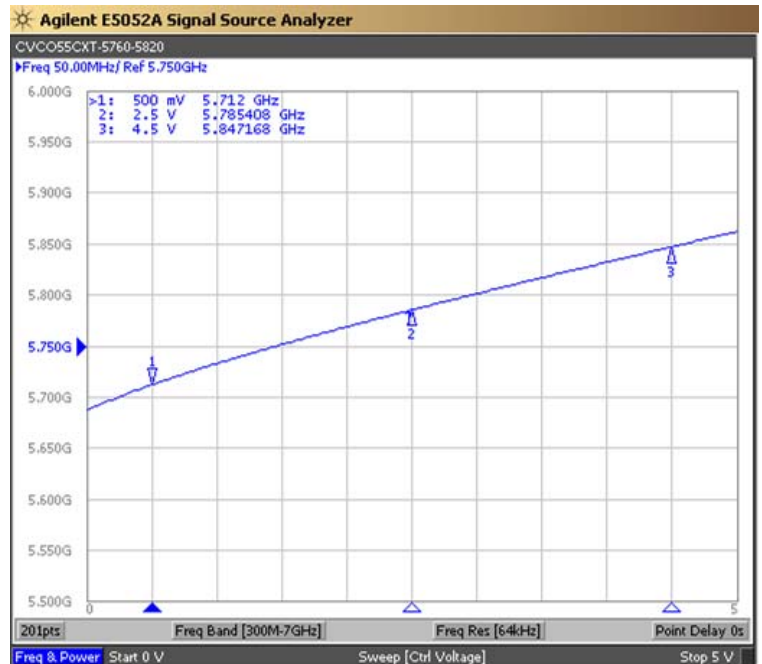


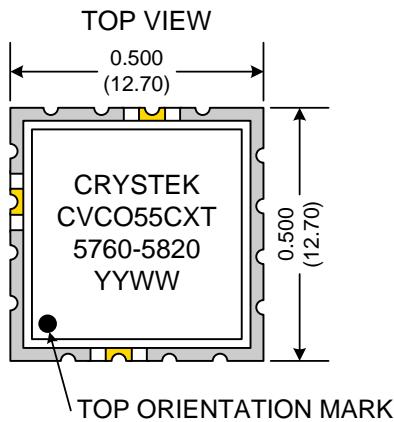
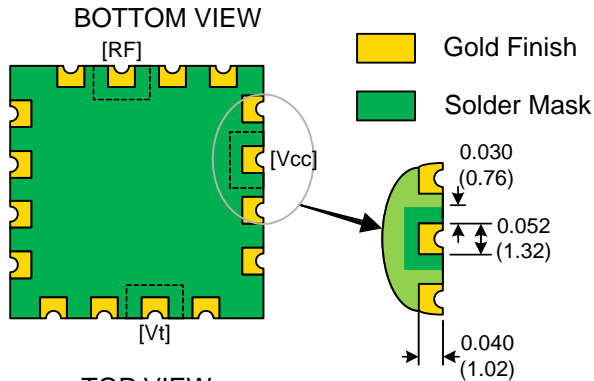
PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			5760	MHz
Upper Frequency:	5820			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	7.6	8.0	8.4	VDC
Output Power:	0	+3.0	+6.0	dBm
Supply Current:		25	35	mA
Harmonic, F×(0.5):		-30	-25	dBc
Harmonic, F×(1.5):		-35	-30	dBc
Harmonic, F×(2.0):		-30	-25	dBc
Pushing:		1.5	3.0	MHz/V
Pulling, all Phases:		1.5	3.0	MHz pk-pk
Tuning Sensitivity:		20		MHz/V
Phase Noise @ 10kHz offset:		-100	-95	dBc/Hz
Phase Noise @ 100kHz offset:		-122	-118	dBc/Hz
Load Impedance:		50		Ω
Input Capacitance:			22	pF
Operating Temperature Range:	-40		+85	°C
Storage Temperature Range:	-45		+90	°C

Phase Noise (1 Hz BW, Typical)



Tuning Curve (Typical)





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:	CVCO55CXT-5760-5820	Release Date:	23-Jul-12
Revision Level:	B	Responsible:	C. Vales

Specification is subject to change without notice

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