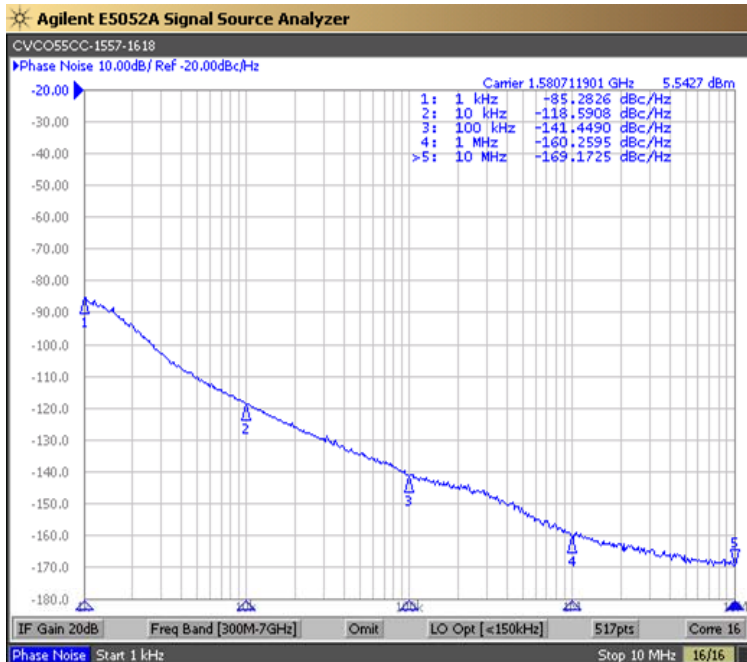


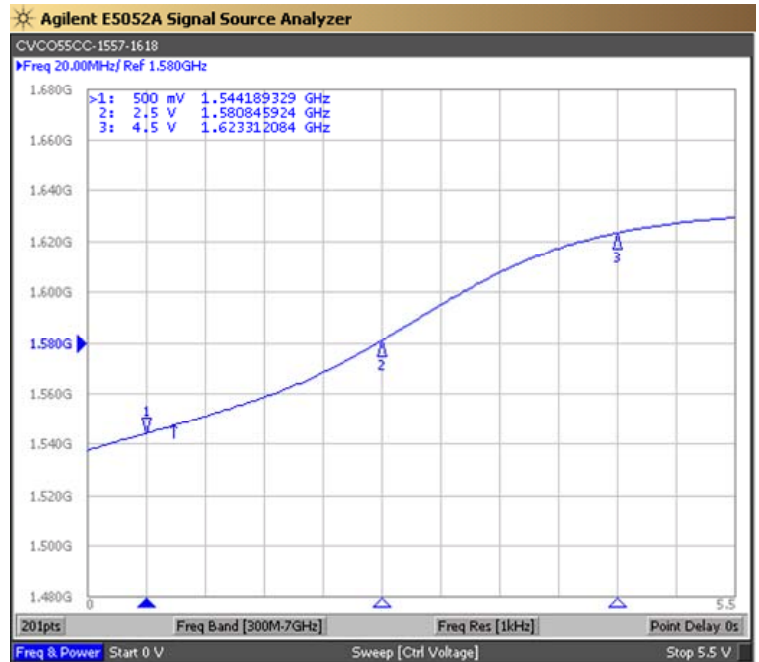


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			1557	MHz
Upper Frequency:	1618			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+5.0	+7.0	+9.0	dBm
Supply Current:			36	mA
Harmonic Suppression (2 <sup>nd</sup> Harmonic)		-15	-10	dBc
Pushing:		0.5	1.0	MHz/V
Pulling, all Phases:			1.0	MHz pk-pk
Tuning Sensitivity:		5		MHz/V
Phase Noise @ 1kHz offset:		-90	-84	dBc/Hz
Phase Noise @ 10kHz offset:		-117	-111	dBc/Hz
Phase Noise @ 100kHz offset:		-137	-131	dBc/Hz
Phase Noise @ 1MHz offset:		-157	-151	dBc/Hz
Phase Noise @ 10MHz offset:		-166	-160	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			18	pF
Operating Temperature Range:	-40		+85	$^{\circ}\text{C}$
Storage Temperature Range:	-45		+90	$^{\circ}\text{C}$

Phase Noise (1 Hz BW, Typical)

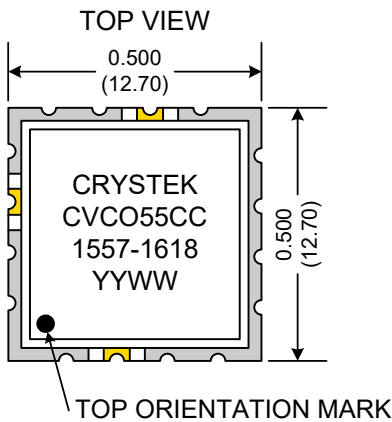
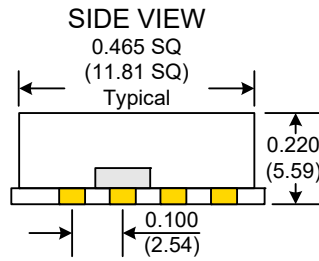


Tuning Curve (Typical)



**Product Control:**

Crystek Part Number:	CVCO55CC-1557-1618	Release Date:	14-Mar-2022
Revision Level:	C	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:	CVCO55CC-1557-1618	Release Date:	14-Mar-2022
Revision Level:	C	Responsible:	C. Vales

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