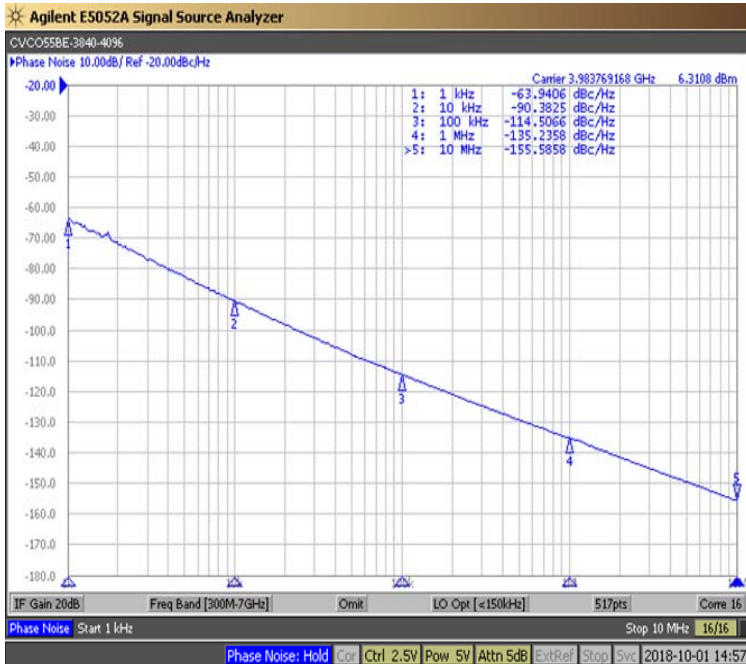


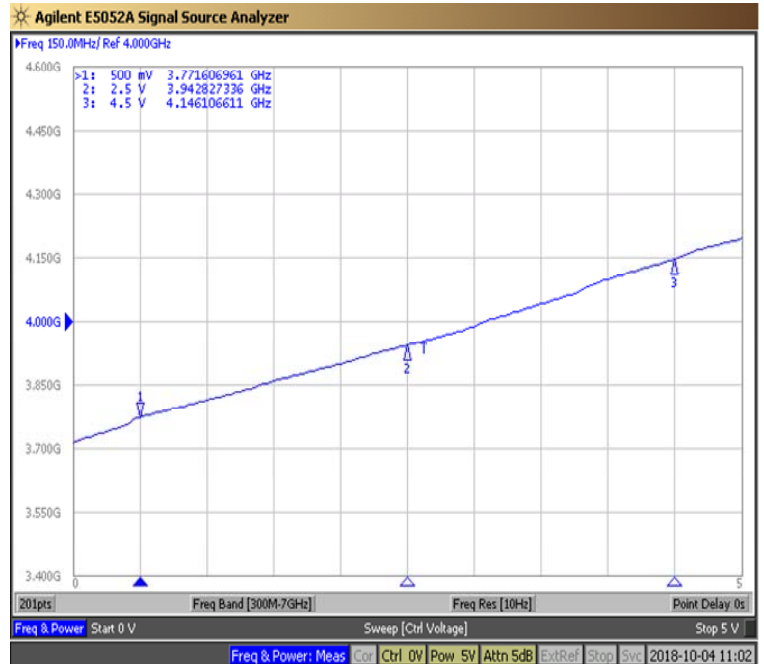


PERFORMANCE SPECIFICATION	MIN	TYP	MAX	UNITS
Lower Frequency:			3840	MHz
Upper Frequency:	4096			MHz
Tuning Voltage:	0.5		4.5	VDC
Supply Voltage:	4.75	5.0	5.25	VDC
Output Power:	+3.0	+5.5	+8.0	dBm
Supply Current:		25		mA
Harmonic Suppression: (2 <sup>nd</sup> Harmonic)		-15	-10	dBc
Pushing:		5.0		MHz/V
Pulling, all Phases:		10.0		MHz pk-pk
Tuning Sensitivity:		80		MHz/V
Phase Noise @ 10kHz offset: (Goal)			-85	dBc/Hz
Phase Noise @ 100kHz offset: (Goal)			-105	dBc/Hz
Load Impedance:		50		$\Omega$
Input Capacitance:			30	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:	CVCO55BE-3840-4096	Release Date:	13-Dec-2018
Revision Level:	C	Responsible:	C. Vales



