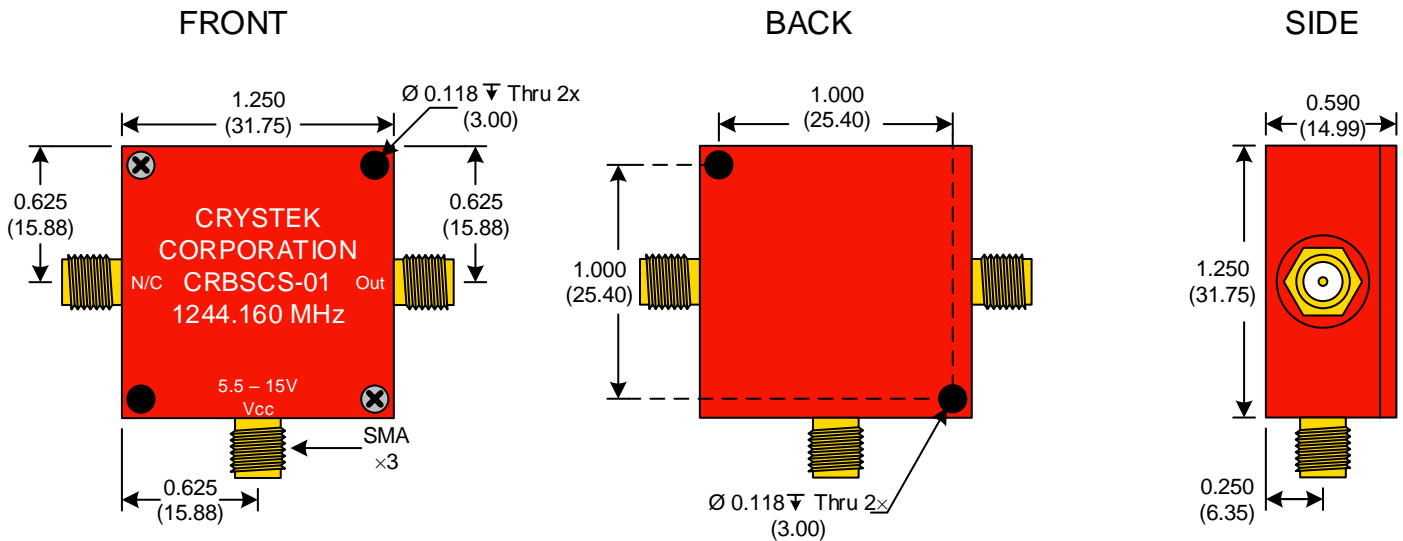




<b>Frequency:</b>	1244.160 MHz
<b>Temperature Range:</b>	-40°C to 85°C
<b>Input Voltage:</b>	+5.5 V to +15 V
<b>Input Current:</b>	60 mA Max
<b>Output:</b>	TrueSineWave
<b>Frequency Stability:</b>	±150ppm Typical
<b>Output Power:</b>	+5 dBm Min
<b>Start-up Time:</b>	2 ms Typical, 5 ms Max
<b>Load:</b>	50 Ω
<b>2<sup>nd</sup> Harmonic:</b>	-20 dBc Max
<b>Sub-Harmonic:</b>	-25 dBc Typical
<b>Phase Noise Typical:</b>	1 kHz -105 dBc/Hz
	10 kHz -133 dBc/Hz
	100 kHz -144 dBc/Hz
	1 MHz -165 dBc/Hz
	10 MHz -166 dBc/Hz
	40 MHz -166 dBc/Hz
<b>Aging:</b>	<3 ppm 1 <sup>st</sup> year, <1 ppm every year thereafter

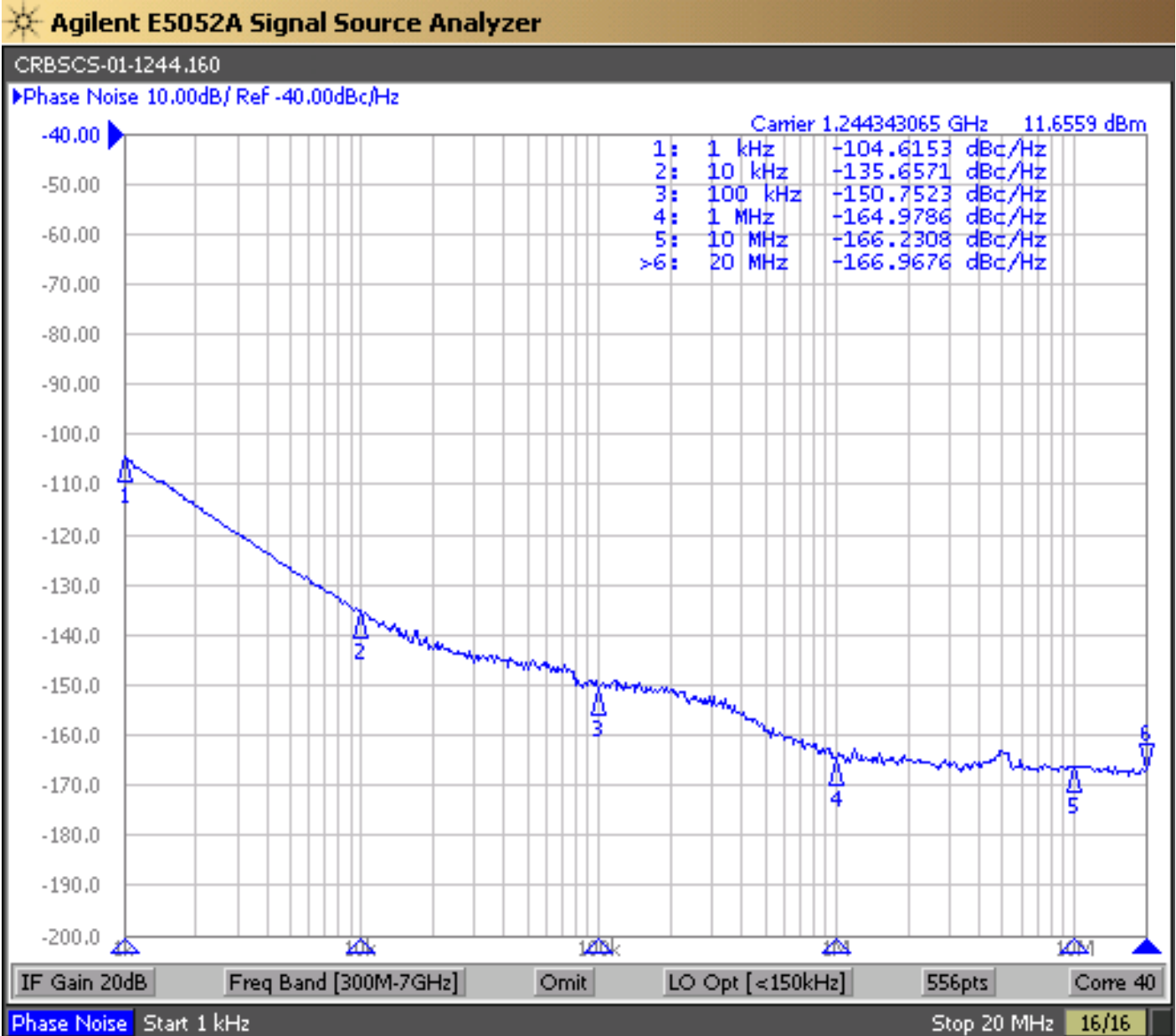
Note: This source is intended to be used with an external high pass or bandpass filter to reduce the sub-harmonic @ 622.080 MHz.



● Unless otherwise specified, Dimensions are in:  $\frac{IN}{(mm)}$

**Product Control:**

Crystek Part Number:	CRBSCS-01-1244.160	Release Date:	04-Aug-2016
Revision Level:	B	Responsible:	C. Vales



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