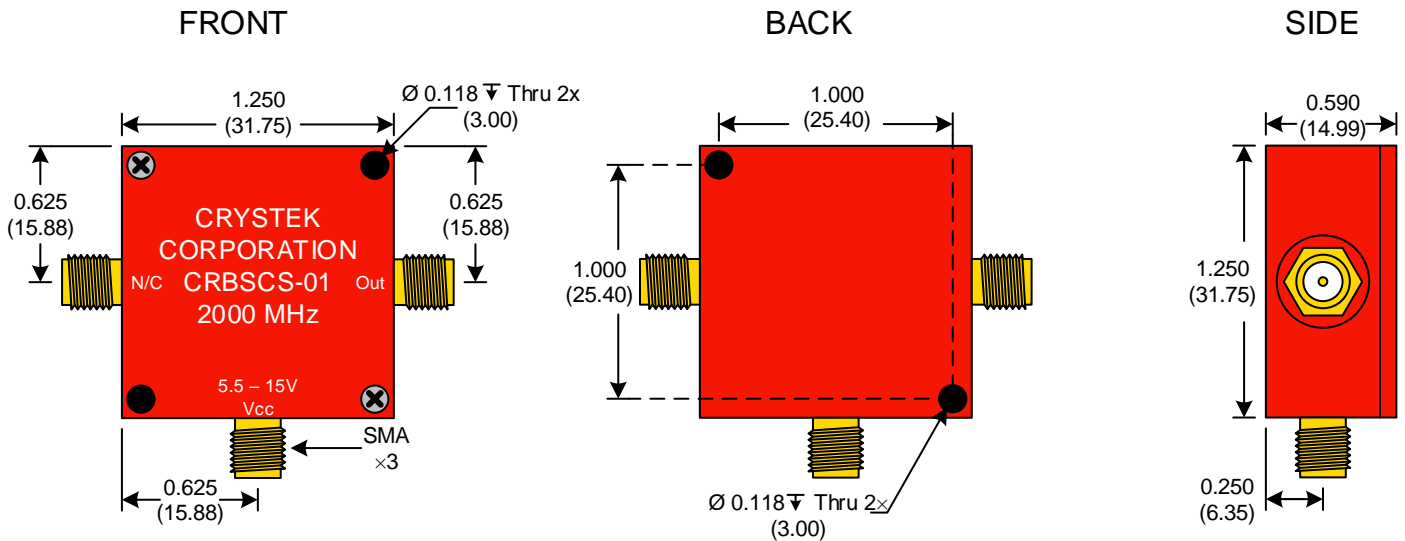


<b>Frequency:</b>	2000.000 MHz
<b>Temperature Range:</b>	-40°C to 85°C
<b>Input Voltage:</b>	+5.5 V to +15 V
<b>Input Current:</b>	50 mA Max
<b>Output:</b>	TrueSineWave
<b>Frequency Stability:</b>	±150ppm Typical
<b>Output Power:</b>	+5 dBm Min
<b>Start-up Time:</b>	2 ms Typical, 5 ms Max
<b>Load:</b>	50 Ω
<b>2<sup>nd</sup> Harmonic:</b>	-20 dBc Typical
<b>Sub-Harmonics:</b>	-25 dBc Typical
<b>Phase Noise Typical:</b>	1 kHz -110 dBc/Hz
	10 kHz -133 dBc/Hz
	100 kHz -144 dBc/Hz
	1 MHz -160 dBc/Hz
	10 MHz -162 dBc/Hz
	40 MHz -164 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 @ 1 GHz.



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

<b>Product Control:</b>			
Crystek Part Number:	CRBSCS-01-2000.000	Release Date:	12-Feb-2015
Revision Level:	B	Responsible:	C. Vales



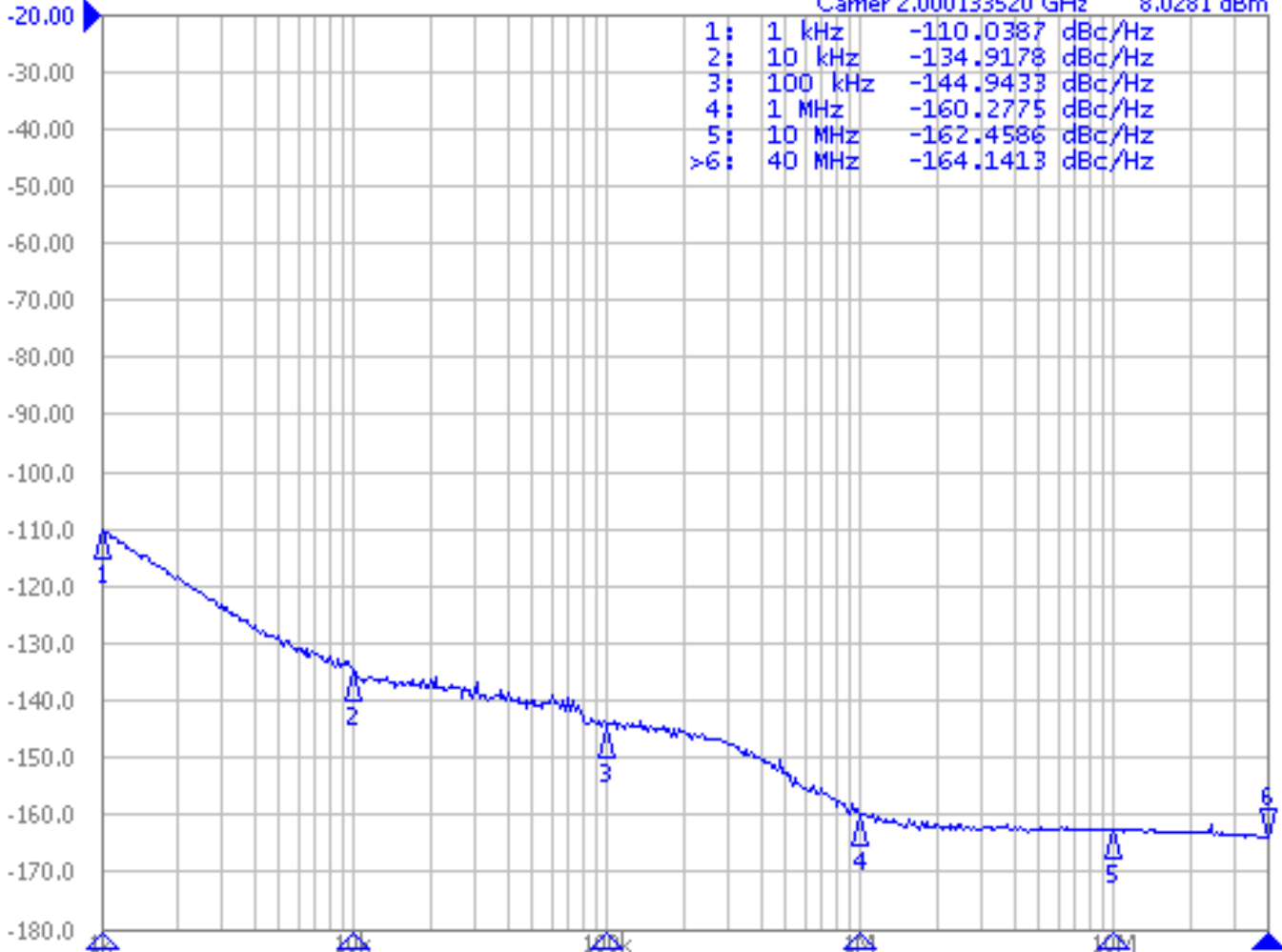


**Agilent E5052A Signal Source Analyzer**

CRBSCS-01-2000.000 With External Filter

Phase Noise 10.00dB/ Ref -20.00dBc/Hz

Carrier 2.000133520 GHz 8.0281 dBm



IF Gain 20dB    Freq Band [300M-7GHz]    Omit    LO Opt [<150kHz]    595pts    Corre 20  
 Phase Noise    Start 1 kHz    Stop 40 MHz    16/16

**Product Control:**

Crystek Part Number:	CRBSCS-01-2000.000	Release Date:	12-Feb-2015
Revision Level:	B	Responsible:	C. Vales