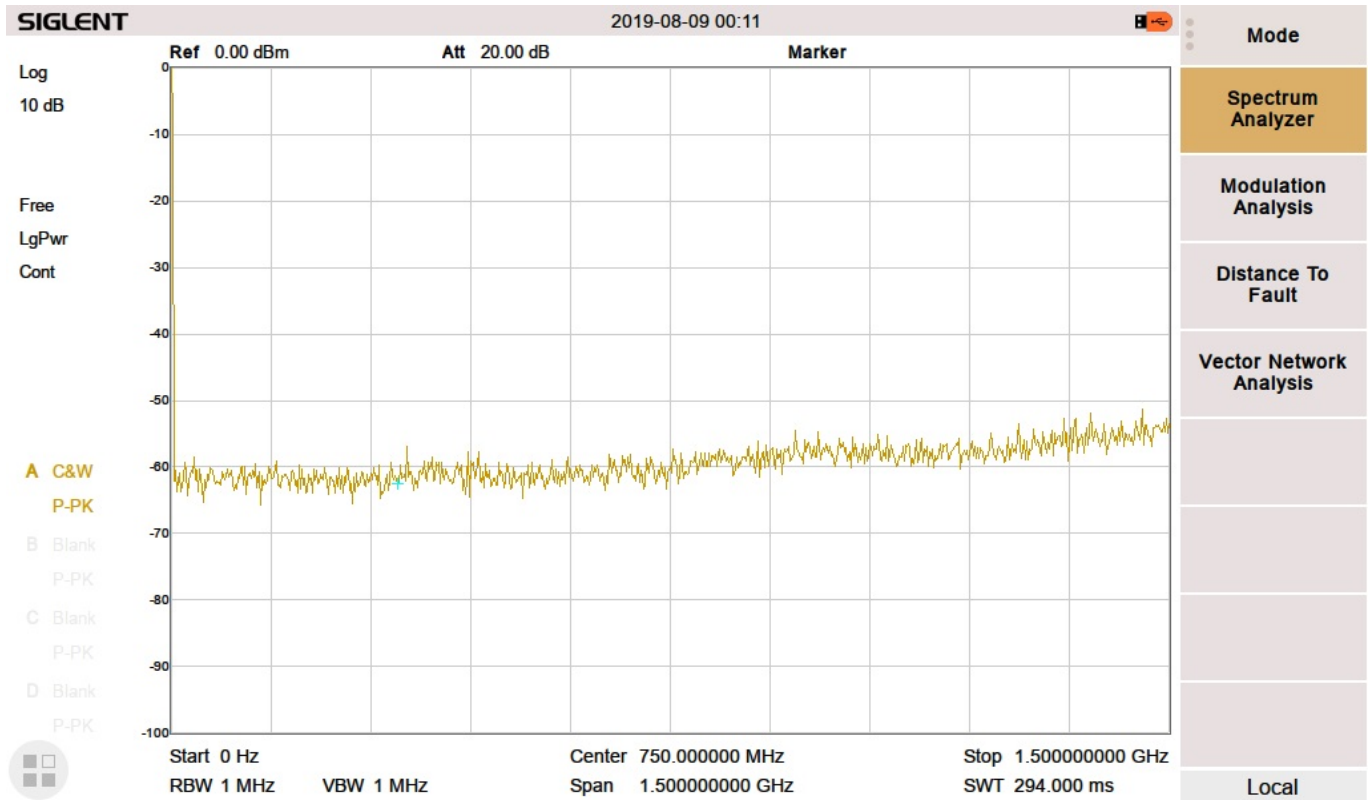


How to configure the SVA1X for complex impedance measurements

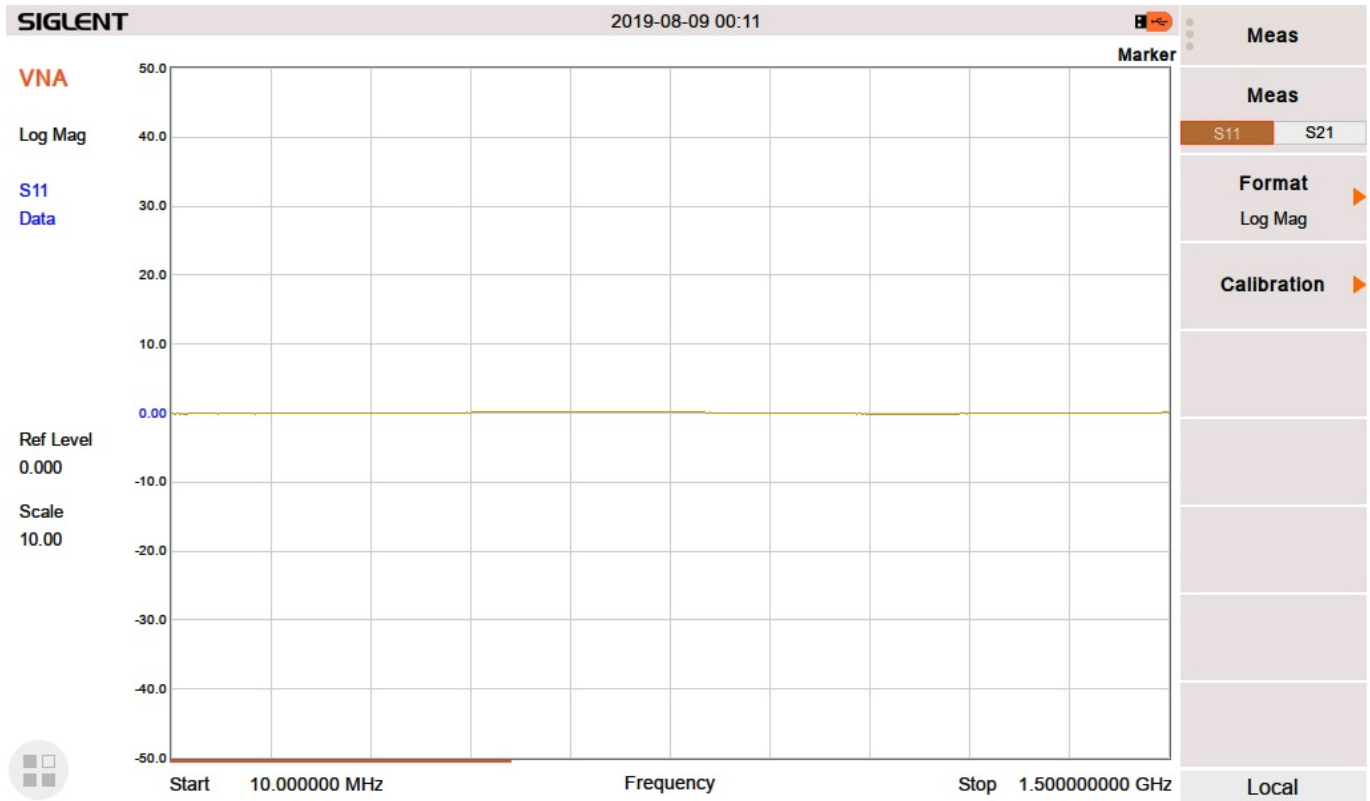
August 08, 2019

The SIGLENT SVA1X series is a multi-purpose RF measurement instrument. This operating tip shows you how to quickly configure the Vector Network mode to show a Smith chart displaying complex impedance:

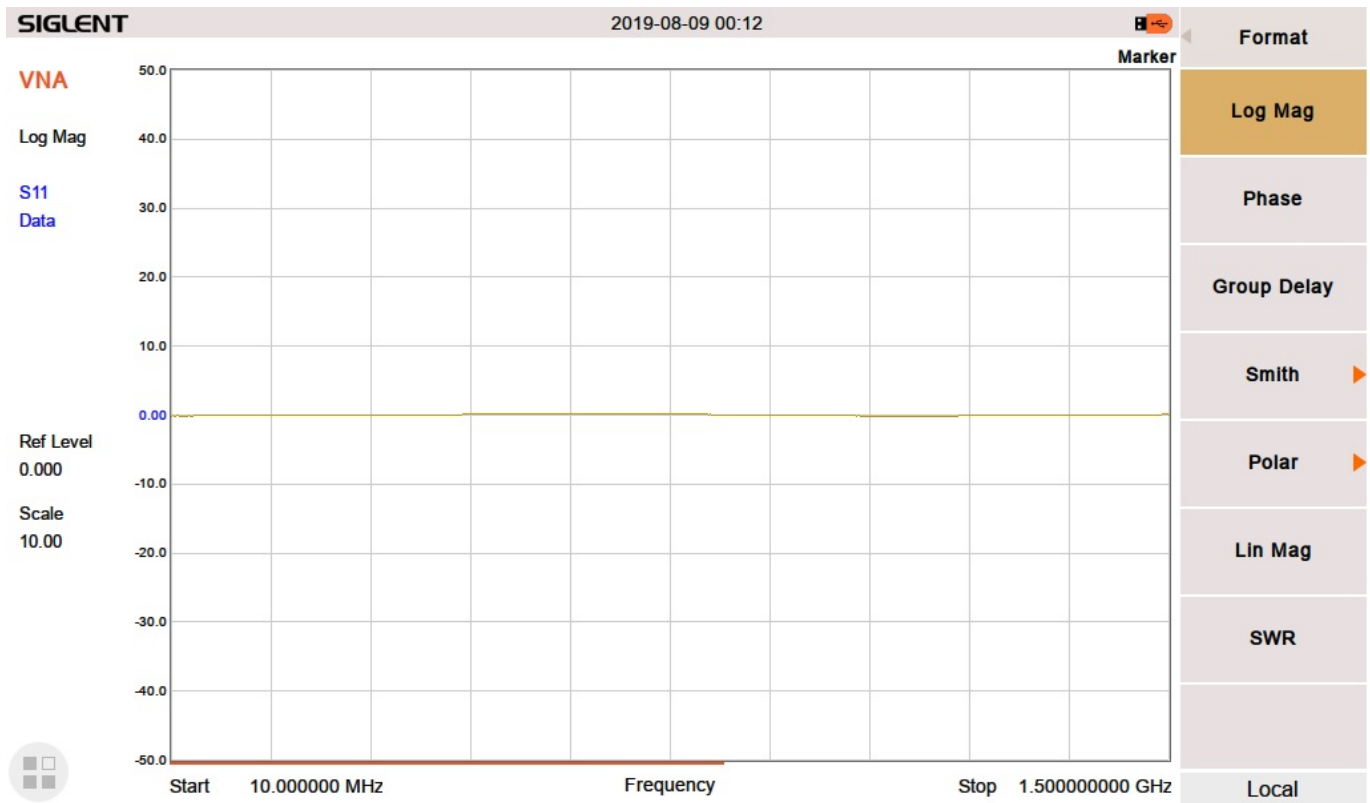
1. VNA mode - Press Mode > VNA



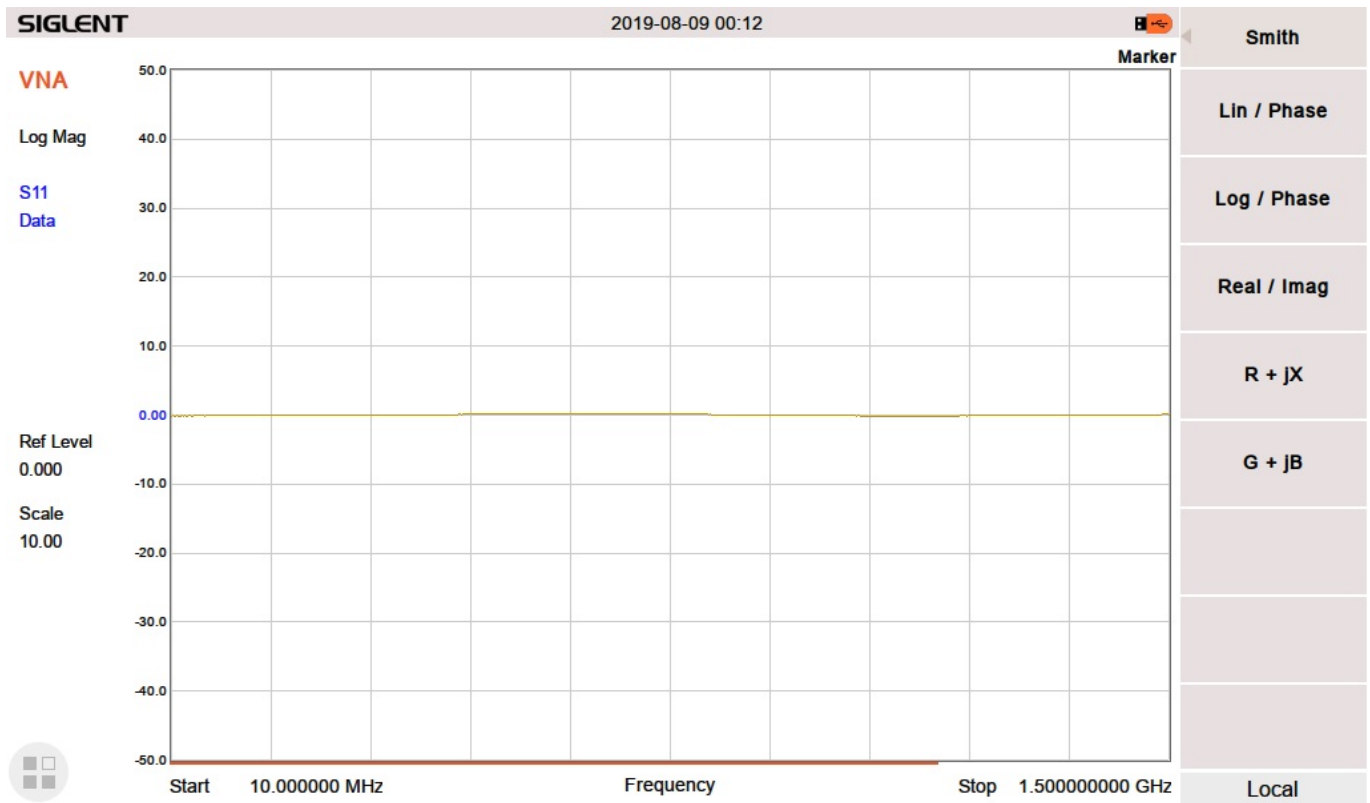
2. Set Meas type as S11 or S21



3. Set Format - Smith



4. Select R + jX

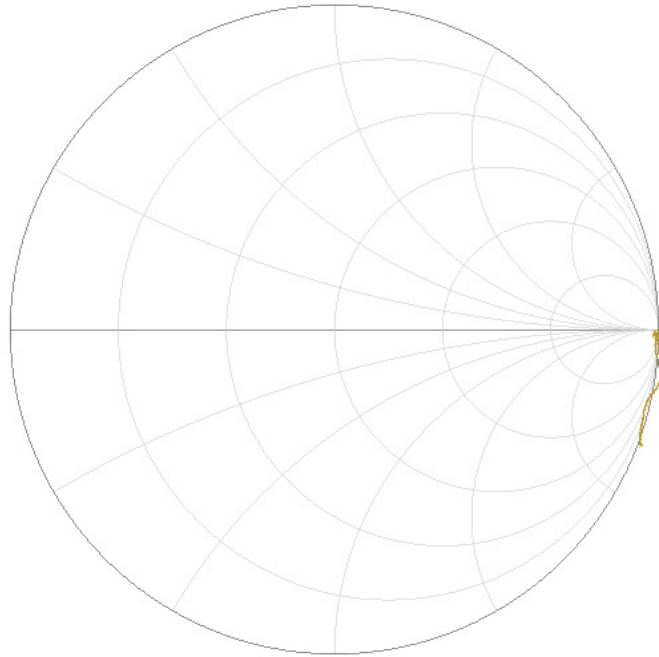


5. Now, you can activate markers (press Marker) and you can adjust the position of the marker on the screen to get the exact reading at that point

VNA

Smith
R+jX
S11
Data

Scale
1.000



Start 10.000000 MHz Frequency Stop 1.500000000 GHz

Marker

Select Marker

1	2	3	4
---	---	---	---

Select Trace

A	B
---	---

Normal

Delta

Off

All Off

Local





North American Headquarters

SIGLENT Technologies America, Inc
6557 Cochran Rd Solon, Ohio 44139

Tel: 440-398-5800

Toll Free: 877-515-5551

Fax: 440-399-1211

info@siglent.com

www.siglentamerica.com/

European Sales Offices

SIGLENT TECHNOLOGIES EUROPE GmbH

Staetzlinger Str. 70

86165 Augsburg, Germany

Tel: +49(0)-821-666 0 111 0

Fax: +49(0)-821-666 0 111 22

info-eu@siglent.com

www.siglenteu.com

Asian Headquarters

SIGLENT TECHNOLOGIES CO., LTD.

Blog No.4 & No.5, Antongda Industrial Zone,

3rd Liuxian Road, Bao'an District,

Shenzhen, 518101, China.

Tel: + 86 755 3661 5186

Fax: + 86 755 3359 1582

sales@siglent.com

www.siglent.com/ens