



To: Mike Leffel/RSA@RSA,
Cc:
Bcc:
Subject: SCPI commands for min, max power, IF BW values /cr/

Mike,

In the PA Compression Test application for MACOM, I need to be able to check the settings that they input for validity. This includes the power range and IF BW values. While there are SCPI commands to determine the maximum and minimum frequency range of the instrument, there are unfortunately no such commands for the power range and possible IF BW values.

For now, I have value ranges that I've determined experimentally with the simulator for power and IF BW, but MACOM has reported that these ranges are not appropriate for some of their instruments. Namely, I allow them to enter these power levels, but then am unable to actually run the test.

My request is:

To have SCPI commands that I can use to query these additional properties. And, while I am asking, there are a few other values that I would like to know as well:

- Minimum Power
- Maximum Power
- Possible IF BW values ("mantissa values")
- Maximum number of points
- Possible source attenuator values
- Possible receiver attenuator values

Right now I need this for the ZVA, but I am interested in getting these commands implemented on the ZNB as well. I remember mentioning this to someone in the firmware development team at one point, but never heard back. Maybe you can help.

Best Regards,
Nick Lalic



Nick Lalic

VNA Software Developer

Mobile: +1 424-200-2846

E-Mail: Nick.Lalic@rsa.rohde-schwarz.com

Website: <http://www.rohde-schwarz.com/>

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