

SVA1000X series Port 1 input damage limits for reflected/S11/VSWR measurements

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Port 1 of the SIGLENT SVA1000X Series of Vector Network Analyzers is used as the output for the tracking generator as well as the S11/Reflected energy port.

The damage threshold is approximately +20 dBm and this port does not feature any “over-limit” warning.

When measuring VSWR/Reflected energy/S11 on antennas or devices that may be able to exceed 20 dBm of power, be sure to add external attenuation to Port 1 to help minimize the likelihood of damage.



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