

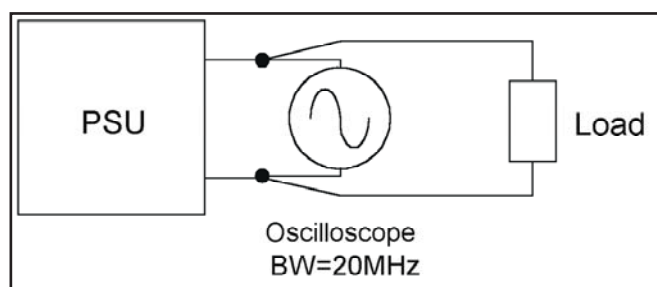
### Alpha 400 Ripple and Noise Measurements

The following charts show how output ripple and noise varies with load for each module type.

Three measurements are presented for each module:

1. Ripple (20MHz) - peak to peak ripple measured at the module terminals with 20MHz bandwidth.
2. PARD (20MHz) - Periodic And Random Deviation (i.e. ripple + noise) measured at the module terminals with 20MHz bandwidth.
3. Remote PARD (20MHz) - Periodic And Random Deviation measured at a load point 150mm from the module with 100uF electrolytic capacitor and 100nF ceramic capacitor decoupling the measurement point. This is intended to be representative of a typical application set-up.

#### Test Method for Measurements 1 & 2



#### Test Method for Measurement 3

