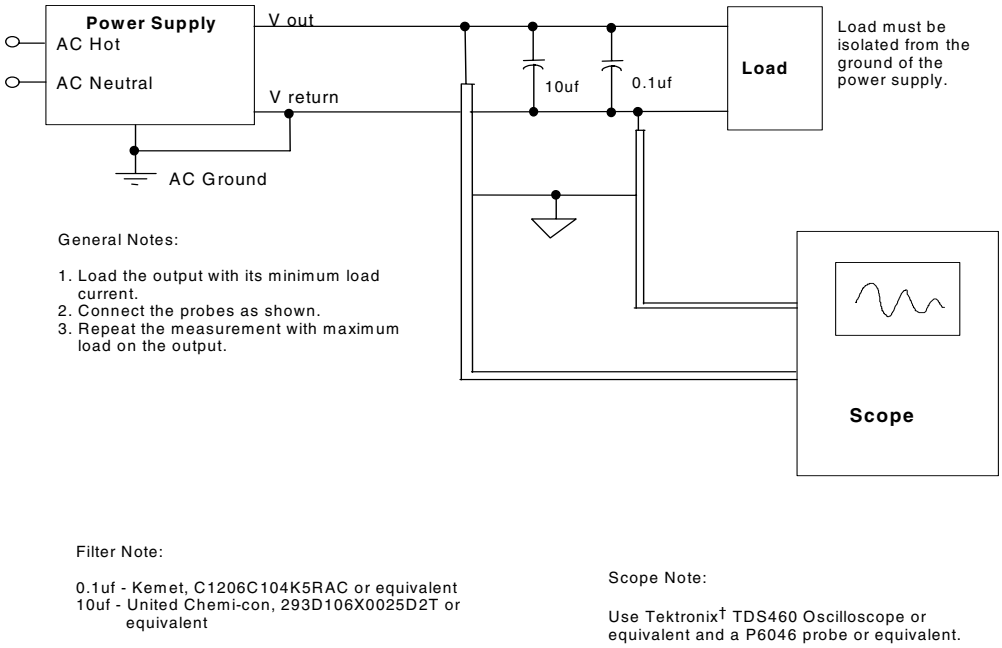

Figure 6. Differential Noise Test Setup

2.2.8 Output Transient Response

Table 11 summarizes the expected output transient step sizes for each output. The transient load slew rate is = 1.0 A/µs.

Table 11. DC Output Transient Step Sizes

Output	Maximum Step Size (% of rated output amps)	Maximum Step Size (amps)
+12 V1DC	40%	
+12 V2DC	60%	
+5 VDC	30%	
+3.3 VDC	30%	
-12 VDC		0.1 A
+5 VSB		0.5 A

Note: For example, for a rated +5 VDC output of 14 A, the transient step would be 30% × 14 A = 4.2 A

Output voltages should remain within the regulation limits of Table 2, Section 2.2.1, for instantaneous changes in load as specified in Table 11 and for the following conditions:

- Simultaneous load steps on the +12 VDC, +5 VDC, and +3.3 VDC outputs (all steps occurring in the same direction)
- Load-changing repetition rate of 50 Hz to 10 kHz
- AC input range per Section 3.1 and Capacitive loading per Table 12