

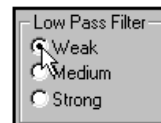
Fig. 3-2: Low pass filter corner frequencies versus contact resistance. The curves represent the frequencies at which response is attenuated by 50%.

Table 3-2: Low Pass Filter Settings

Contact Resistance	Maximum Filter Setting
< 10 kΩ	Weak
< 3 kΩ	Medium
< 1 kΩ	Strong

**To set the low pass filter:**

- Select either **Weak**, **Medium**, or **Strong** filtering, according to the electrode resistance:



**Note** To accurately measure contact resistance  $\geq 2000\Omega$ , you must disconnect the E-lines from the MTU/MTU-A. Measure from the ground terminal to each E-line end, and between the two E-line ends of each dipole.