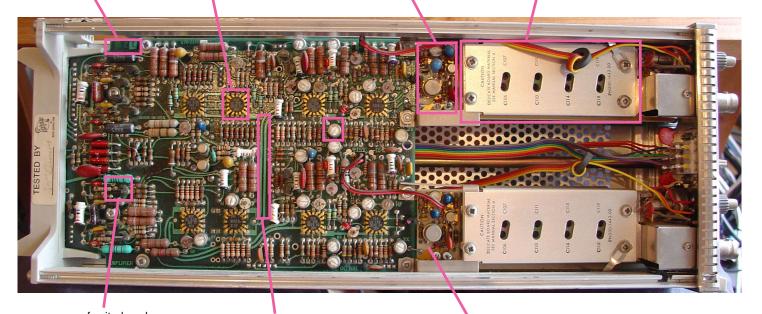
three-layer board

differential variable amplifier, custom Tek IC

high-performance JFET front-end diffamp (uses 2N5911)

gain adjust compensation network (adjusts pole/zero positions for each attenuation setting)



ferrite bead on base leads--provides better HF stability

differentially routed traces

special high-performance circuit board substrate for input network