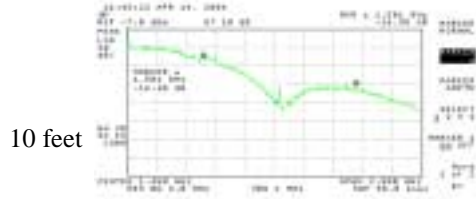


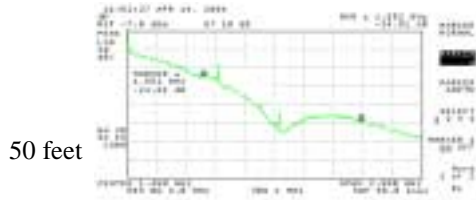
HD Signal Error Headroom Meter

Belden 1855A mini-coax

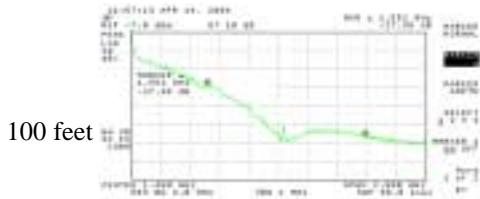


Your HD signal has traveled 200 feet down a coax. Do you know how much high frequency energy is left? Why should you care?

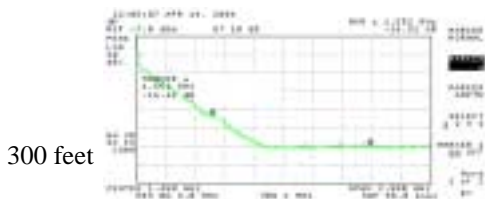
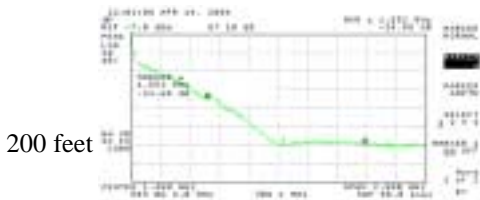
When the upper energy bands disappear the HD stream no longer resembles a bit stream and more like a sine wave. When this happens the signal is no longer recoverable.



The charts to the left depict the effects of distance on your HD bit stream's spectrum. The hump on the left is the bit stream's fundamental, while the one on the right are the signals harmonics. When the harmonics get low signal recovery becomes unreliable.



The only way to check the headroom of a digital signal used to be with expensive test equipment. Now 4sight offers an inexpensive way to check how close your signals are to the error headroom cliff.



HRM-1500

The HRM-1500 is a portable hand held device that quickly displays the spectral health of an HD signal.



Besides a simple to read LED "gas gauge" the LCD display gives detailed energy readings on the total spectrum and fundamental and harmonic bands.



San Jose, CA 408-559-0255

www.4sightproducts.com