

VIDEO SIGNAL EQUALIZERAbstract

A television signal to be equalized to compensate for transmission channel frequency and phase irregularities includes a test signal. A difference signal representing the difference between the average (DC) value of the test signal and a DC reference component of the television signal is obtained (20), and a predetermined portion of the test signal is FFT transformed (18). A ratio of a desired DC difference to the obtained DC difference as represented by the difference signal is developed (24). A ratio of a desired frequency response to a frequency response indicated by FFT transformed values, excluding DC, also is developed. Values associated with the two ratios are inverse FFT transformed (28), and the transformed values are used to control the parameters of an FIR filter (30) for equalizing the television signal.

---

This Sheet Has Been Replaced