

HIGH VOLTAGE VERTICAL DYNAMIC FOCUS AMPLIFIER

Abstract

A transformer (20) has a primary side winding coupled to a source of horizontal rate sawtooth yoke current and a secondary side in which a horizontal rate AC signal is developed. A rectifier (30)
5 has at least one capacitor, the rectifier receiving the horizontal rate AC signal and energizing a DC voltage across the at least one capacitor. A modulator (40) for the DC voltage generates a first deflection rate waveform (C). A capacitor (C51) coupled to the modulator and to the secondary side of the transformer generates a
10 second deflection rate waveform (H RATE PARABOLA). The first and second deflection rate waveforms are combined to define a vertical dynamic focus voltage signal (D).

FIGURE 1.