

**19. Modulation characteristics. (47 CFR 2.1047 a,b )**

For a voice modulated transmitter a frequency response curve of the audio processor between the microphone and modulator must be submitted. Also, a curve of frequency deviation versus level must be made across the range of input audio frequencies.

This test is configured with the audio path in the repeater broken between the receiver output and the transmitter input. The HP 8920 FM signal monitor's audio generator signal is fed into the EUT at this point, and the Repeater output, attenuated by a 40 dB pad is fed into the HP signal monitor, where the resultant deviation and recovered audio level is recorded.

