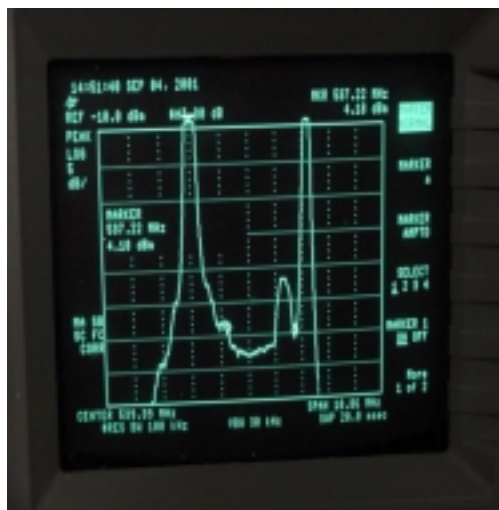
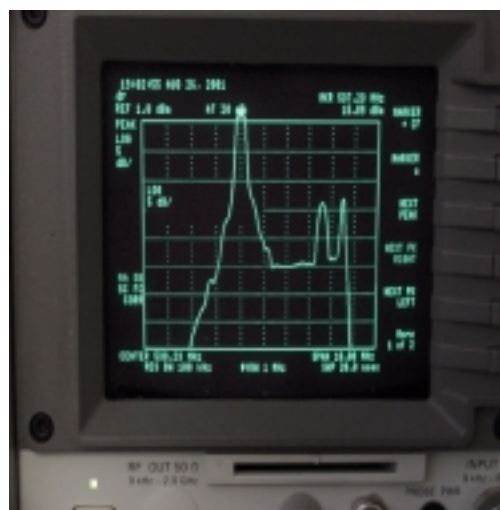


Frequency Response

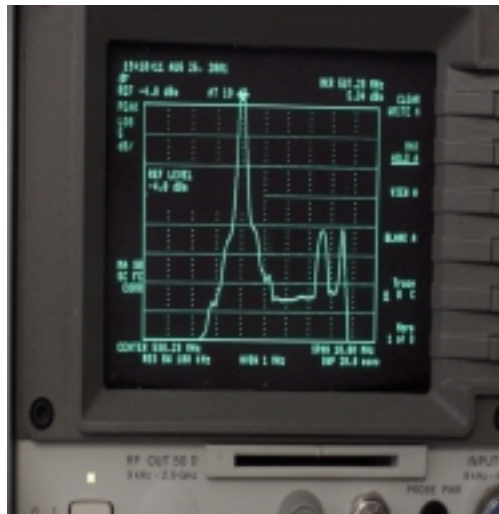
Frequency Response characteristics were measured using the equipment shown in Figure 1 (see Test Report #1). A $(\sin X)/X$ waveform was used to generate a flat frequency response spectrum. The aural carrier was reduced as much as practical to be able to observe the spectrum but it could not be eliminated. Measurements were recorded at a place before the retrofit amplifier and after the retrofit amplifier at 30 watts and 110 watts output power. Data is displayed with a 5 dB/division scale. The data indicates the frequency responses are essentially identical. Thus the amplifier does not degrade the frequency response signal applied to the original translator. Measurements indicate the amplifier output response is within the 4 dB window as specified by FCC Rule 74.750.



Frequency Response
(5 dB/div) (Input)



Output Frequency
Response @ 110
watts peak (5 dB/div)



Output Frequency
Response @ 30 watts
peak (5 dB/div)