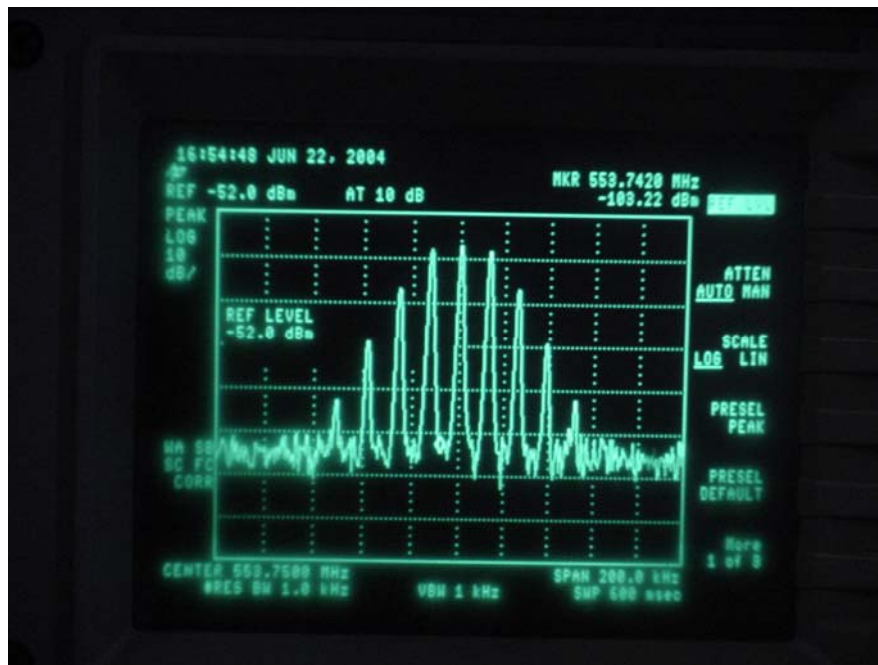


## OCCUPIED BANDWIDTH MEASUREMENTS

The test equipment was configured as in Figure 1. The aural carrier was energized and increased in power until the desired Visual to Aural power ratio of 10 dB was met. The visual input waveform used was a "0" IRE video input level from the TSG-90 and the aural input signal was a 15 kHz sine wave taken from the HP 200CD audio generator. The aural deviation was increased until the desired level (85% of 25 kHz = 21.25 kHz) was indicated on the HP8903B modulation analyzer and on the calibrated deviation output of the MSI 320 TV demodulator. The output spectrum was observed on the HP 8593 spectrum analyzer noting the requirements as identified in FCC Rule Part 2.1079. As can be observed, the output spectrum meets these requirements.

OCCUPIED BANDWIDTH—POWER OUTPUT = 1.0 kWatt  
(Scan width = 200 kHz)



OCCUPIED BANDWIDTH—POWER OUTPUT = 100 Watts  
(Scan width = 150 kHz)

