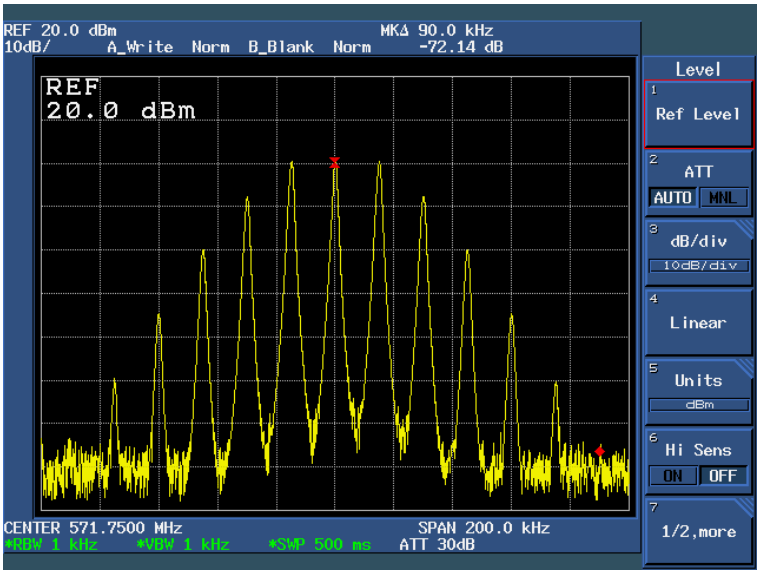
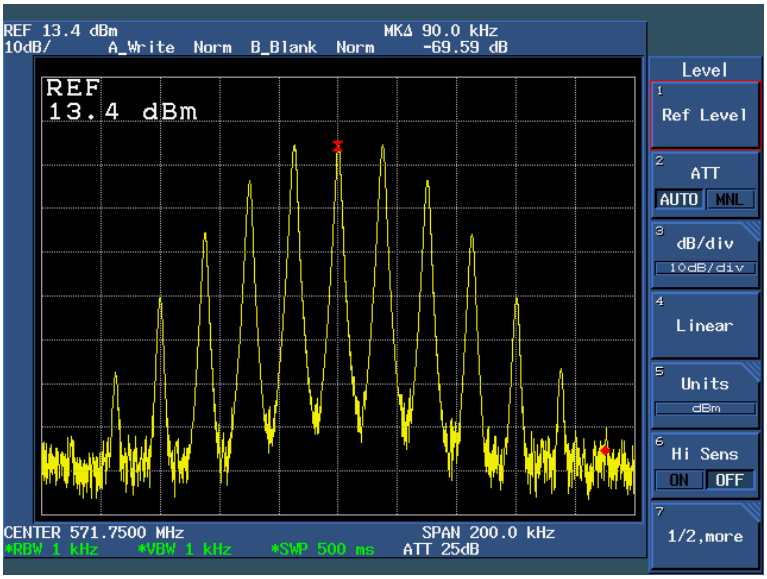
OCCUPIED BANDWIDTH MEASUREMENTS

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 aural input signal was a 15 kHz sine wave taken from the audio generator. The aural deviation was increased until the desired level (85% of 25 kHz = 21.25 kHz) was indicated on the modulation analyzer. The output spectrum was observed on the 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 = 1300 watts Visual, 130 watts Aural
(Scan width = 200 kHz)



OCCUPIED BANDWIDTH—POWER OUTPUT = 325 Watts Visual, 32.5 Watts Aural
(Scan width = 200 kHz)