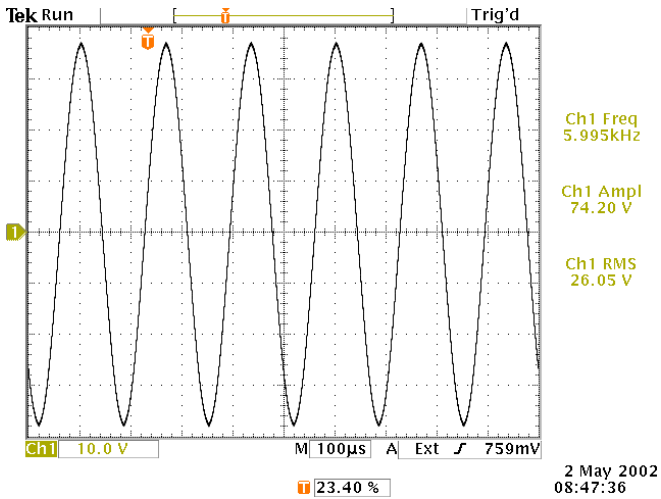


PULSE GENERATOR
PERFORMANCE CHECK

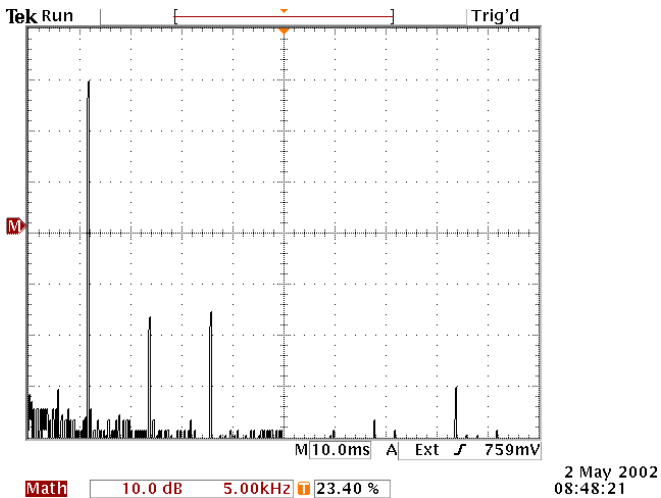
Model: AV-151E-C-R5-ARD-STA

S.N.: 9433 (repair)

Date: May 2, 2002



CH1: OUT, 26 V_{RMS} sine wave into a 65Ω load



FFT spectrum of 26V RMS output into 65 Ohms.
THD ≈ 0.8%

a) Output Signal Amplitude ($R_L = 65\Omega$):
Specification: 26.0 V_{RMS}
Before Cal: 25.8 V_{RMS}
After Cal: 26.0 V_{RMS}
(AMPL dial set to 4.28)

Measured on:

- 1) Tektronix TDS3052 digital oscilloscope (S/N B014783)
- 2) HP400F AC voltmeter (S/N 0950A05452)

b) Waveforms: sine, triangle, square

c) Frequency:

Specification: 6 kHz ± 5 Hz
Before Cal: 6.0000 kHz
After Cal: 6.0000 kHz

Frequency measurements were performed with a Fluke PM6681 counter with a Datum 9390-6000 GPS Time Code and Frequency Generator.

d) Total Harmonic Distortion:

Specification: < 1.5%
Before Cal: 3.2%*
After Cal: 0.8%

(DUTY ADJ set to 3.91)

* due to unlocked DUTY ADJ dial

e) Stability: OK

f) Prime Power: 120/240V AC, 50-60 Hz