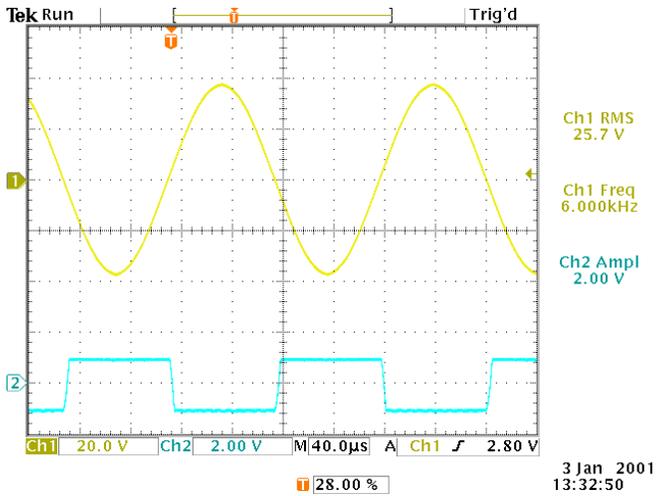


PULSE GENERATOR  
PERFORMANCE CHECK

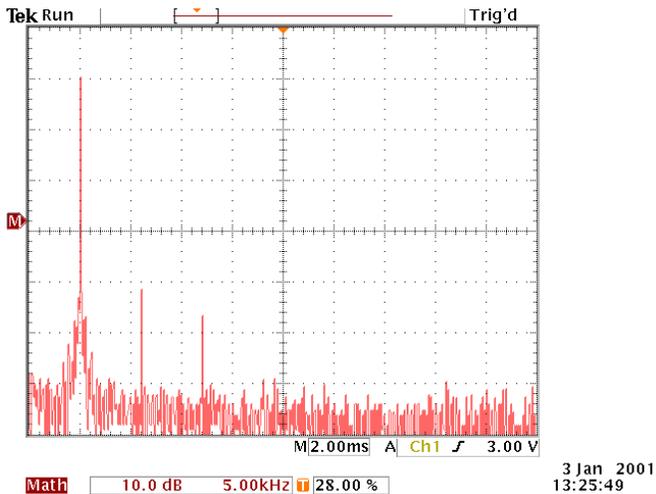
Model: AV-151E-C-R5-ARD-STA

S.N.: 9434 (mod)

Date: January 3, 2001



CH1: OUT, 26 V<sub>RMS</sub> sine wave into a 65Ω load  
CH2: SYNC output, into 50 Ohms



FFT spectrum of 26V RMS output into 65 Ohms.  
THD ≈ 0.94%

- a) Output Signal Amplitude: 26 V<sub>RMS</sub>
- b) Waveforms: sine, triangle, square,
- c) Frequency: 6000 ± 5 Hz, nominal.

Measured Values

Short-term measurements:  
6000.0 Hz average, with  
2.4 Hz standard deviation, for  
2000 measurements

Long-term drift measurements:  
< 1 Hz drift over time

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

d) Total Harmonic Distortion: < 1.5%

e) Stability: OK

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