

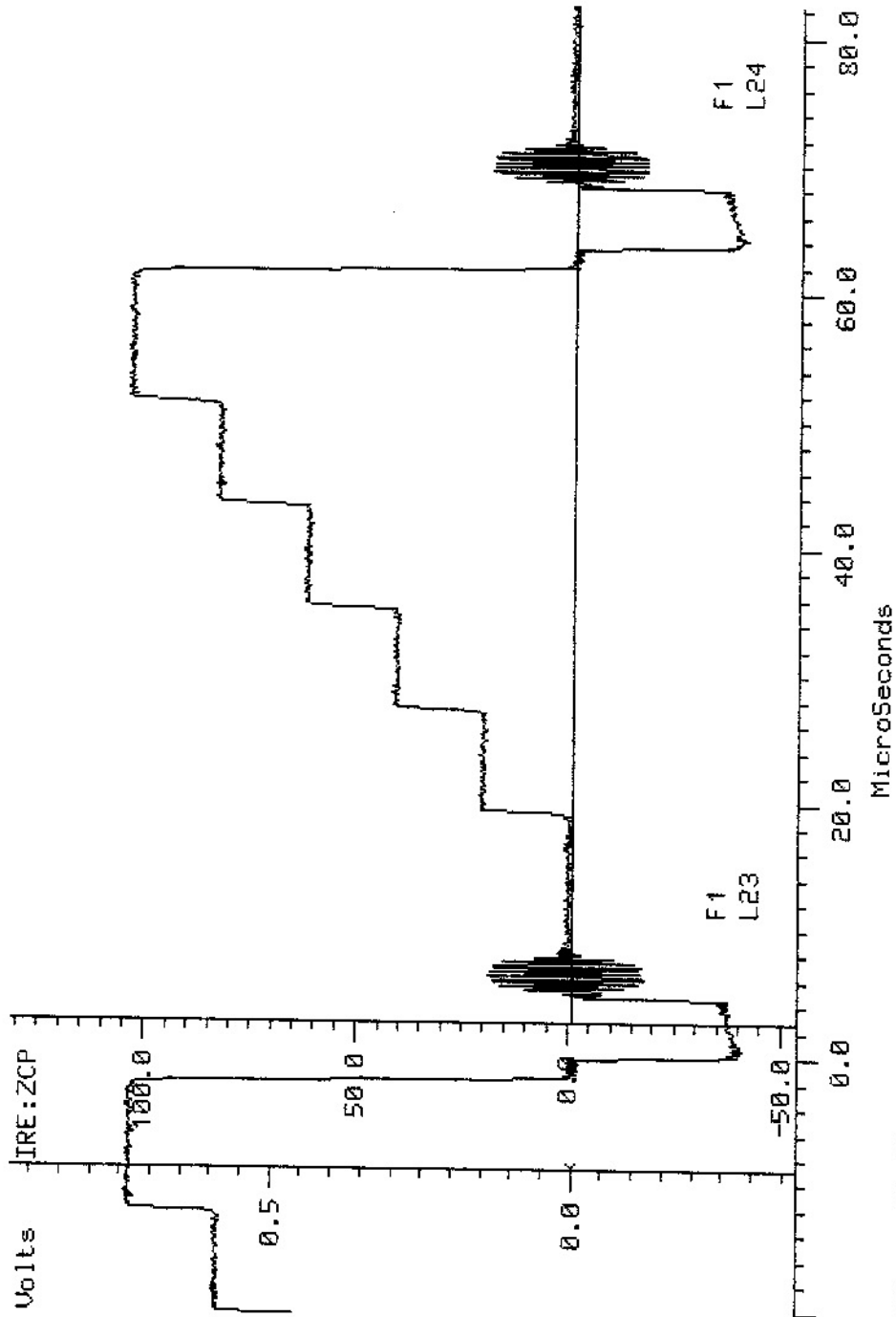
BZ5MX30V
APPLICATION FOR FCC CERTIFICATION
MODULATOR INPUT
30 WATT VHF TRANSLATOR

INPUT MODULATED STAIR STEP

UM700A Video Measurement Set

Channel A System Default

16-Apr-03 12:04:10



APL = 51.5%
525 line NTSC No Filtering
Slow clamp to 0.00 V at 6.63 us
Precision Mode Off
Synchronous Sync = Source
Frames selected: 1 2

BZ5MX30V
APPLICATION FOR FCC CERTIFICATION
MODULATOR INPUT
30 WATT VHF TRANSLATOR

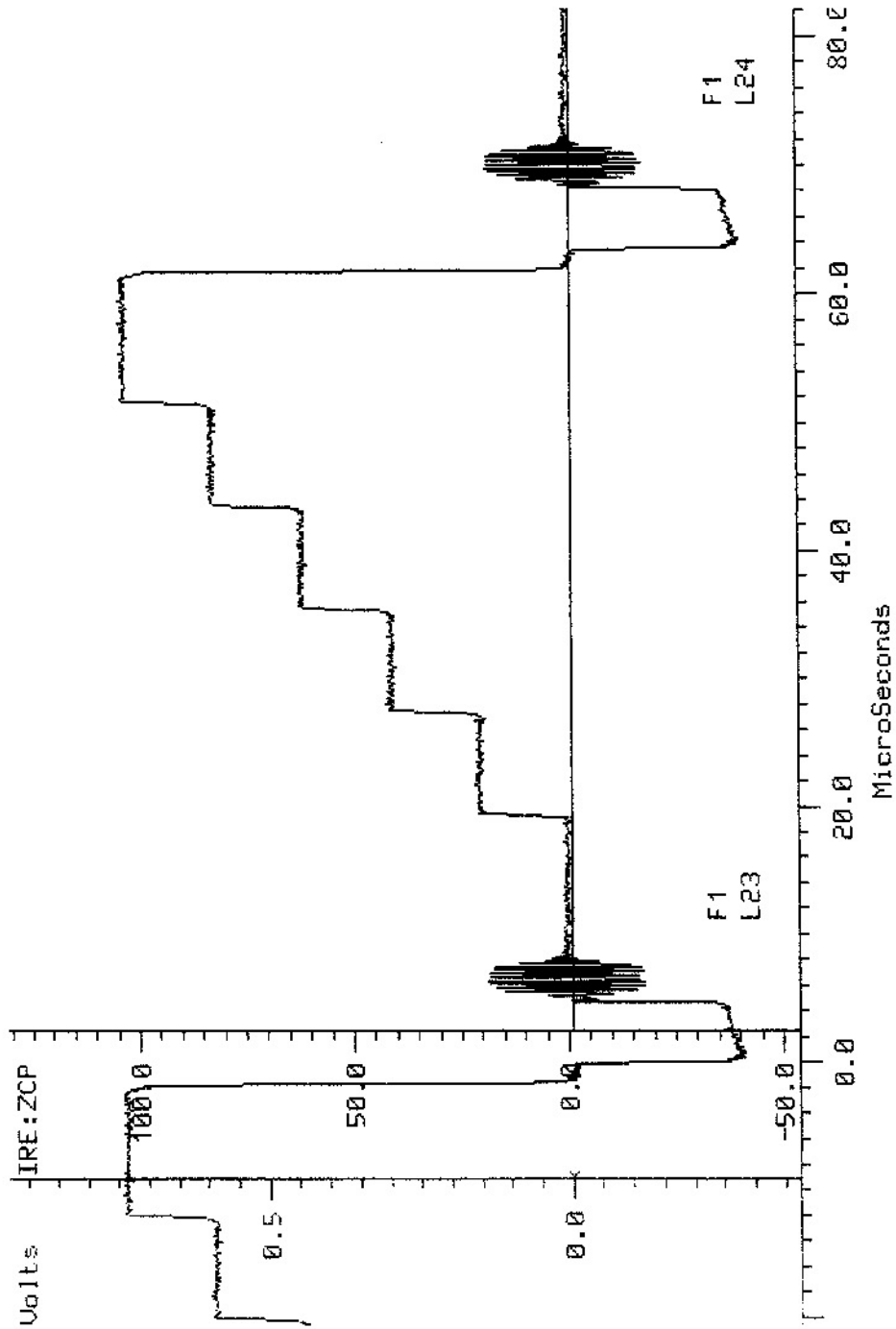
OUTPUT UNMODULATED STAIR STEP

UM700A Video Measurement Set

Channel A System Default

16-Apr-03

12:02:55



APL = 51.5%
525 line NTSC No Filtering
Slow clamp to 0.00 V at 6.63 us

Precision Mode Off
Synchronous Sync = Source
Frames selected: 1 2

UM700A Video Measurement Set

Channel A System Default

16-Apr-03 12:08:48

DG DP

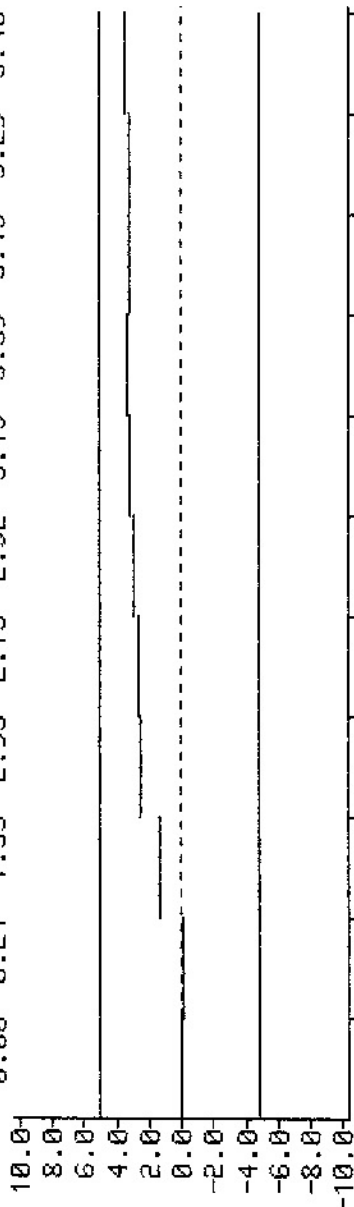
Field = 1 Line = 23 (Synchronous)

Differential Gain (%) min = -0.21 max = 3.46 p-p/max = 3.55

0.00 -0.21 1.33 2.53 2.73 2.92 3.19 3.35 3.19 3.25 3.46

Wfm --> Mod Ramp

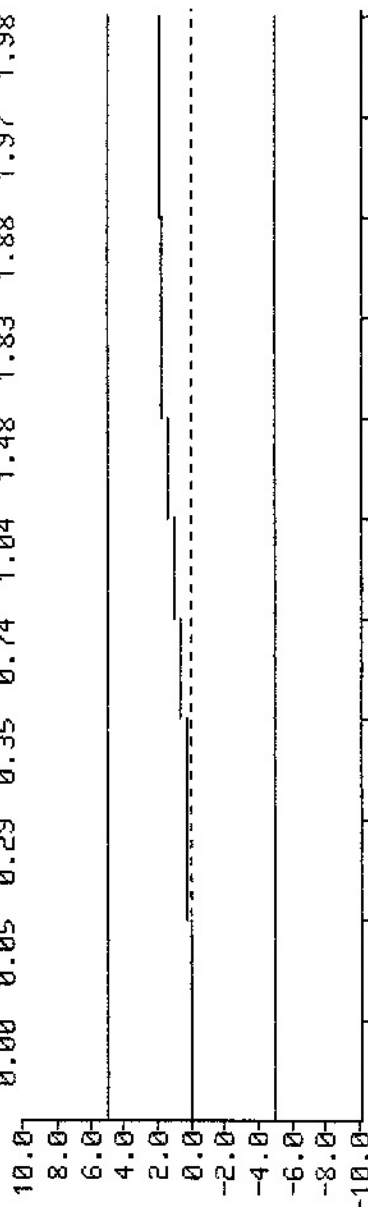
DIFFERENTIAL GAIN



DIFFERENTIAL PHASE

Differential Phase (deg) min = 0.00 max = 1.98 pk-pk = 1.98

0.00 0.05 0.29 0.35 0.74 1.04 1.48 1.83 1.88 1.97 1.98



1st. 2nd. 3rd. 4th. 5th. 6th. 7th. 8th. 9th. 10th. 11th.

Average 32 -> 32