

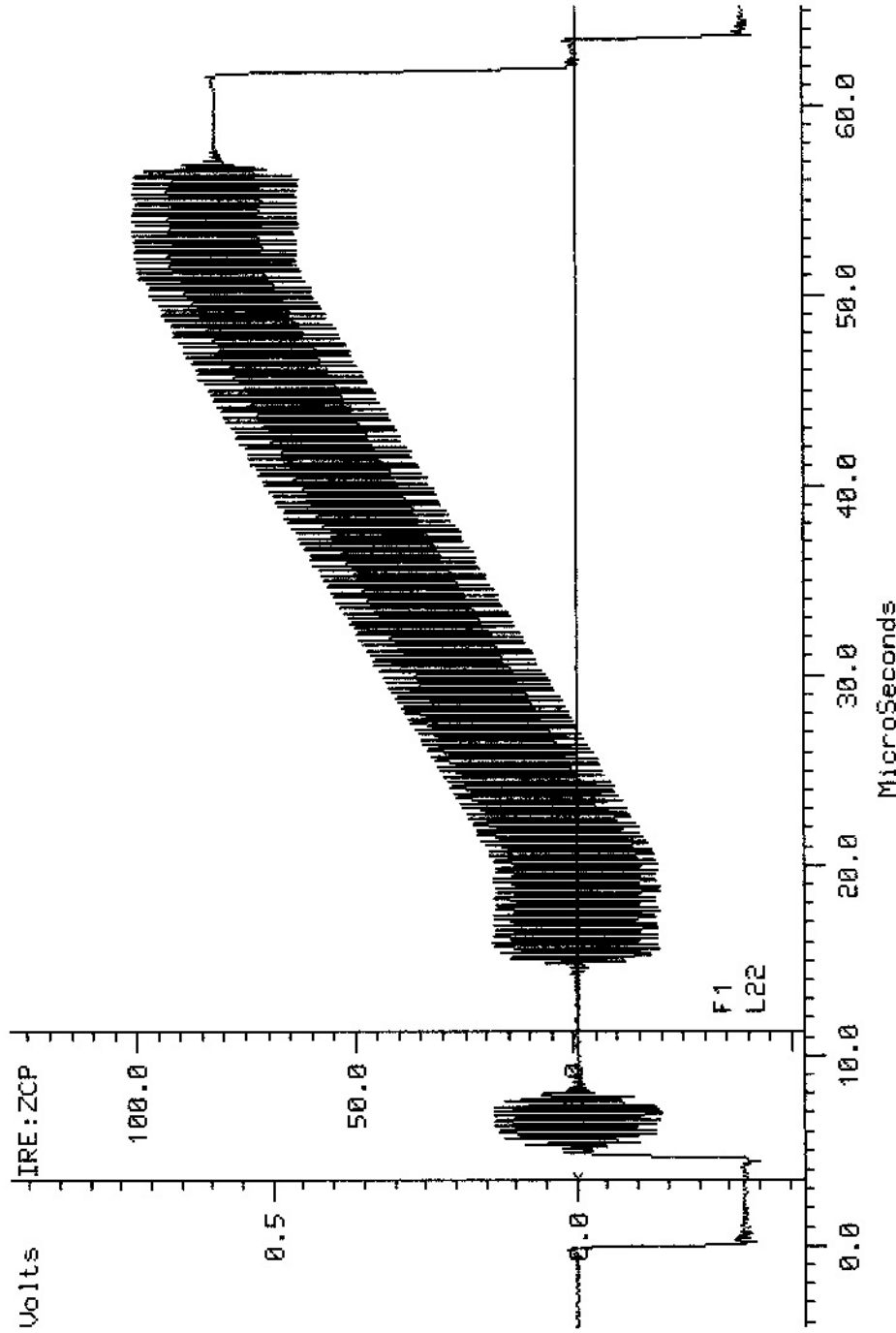
BZ5MX1000U
Application for FCC Certification
Modulator Input
1000 Watt UHF Translator

INPUT MODULATED STAIR STEP

UM700A Video Measurement Set

Channel A System Default

28-May-03 10:05:43



APL = 41.2%

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

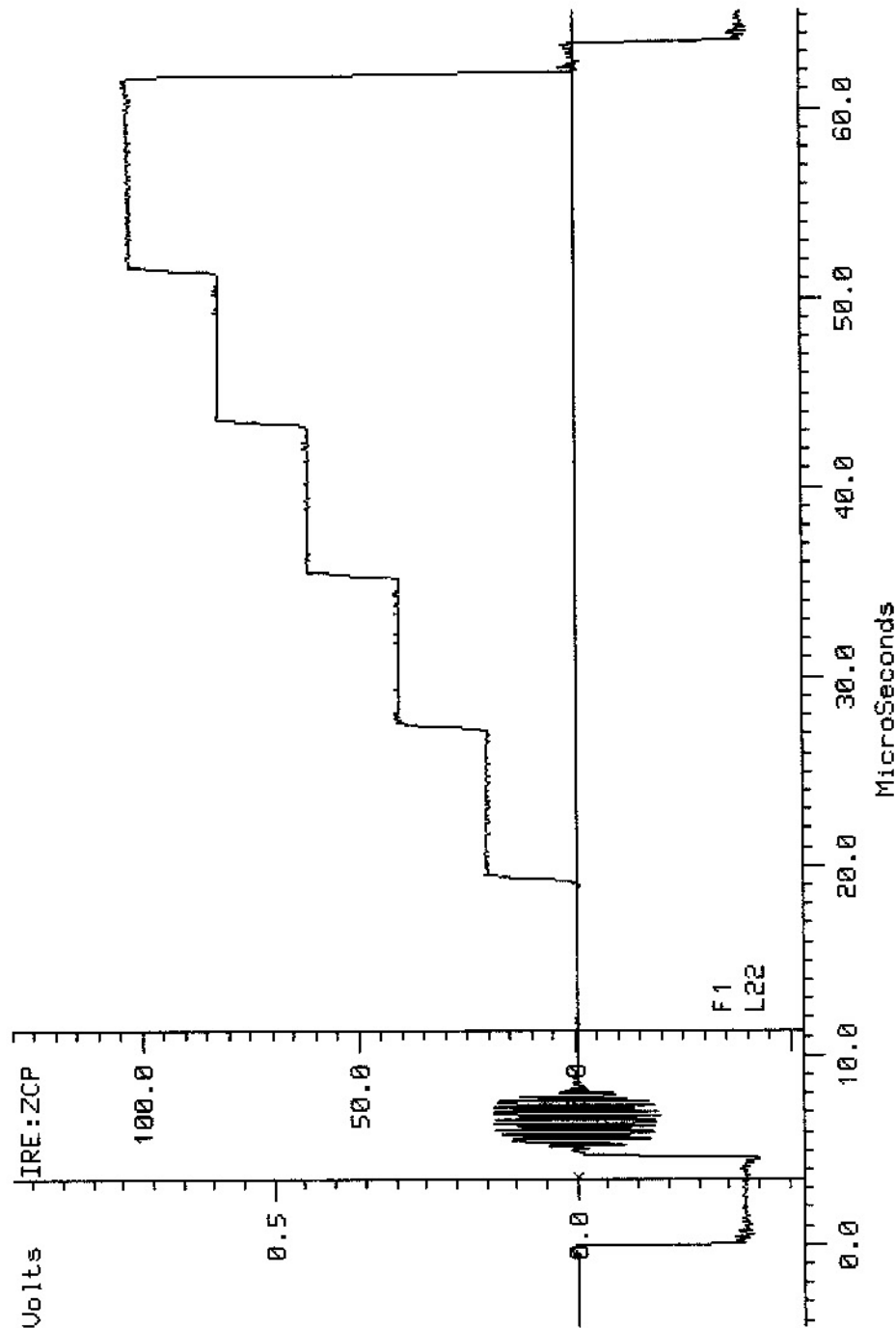
BZ5MX1000U
Application for FCC Certification
Modulator Input
1000 Watt UHF Translator

OUTPUT UNMODULATED STAIR STEP

UM700A Video Measurement Set

Channel A System Default

28-May-03 10:02:37



APL = 52.1%
525 line NTSC No Filtering
Slow clamp to 0.00 V at 6.63 μ s

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

UM700A Video Measurement Set

Channel A System Default

28-May-03 10:04:16

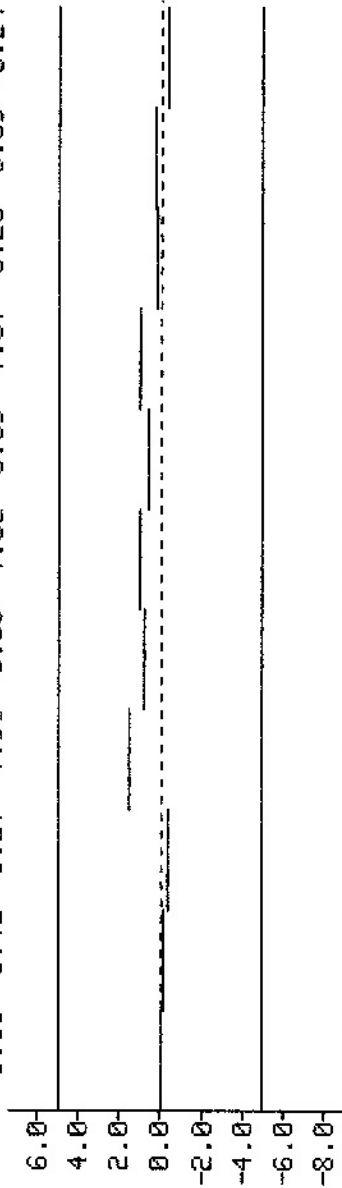
DG DP

Field = 1 Line = 22 (Synchronous)

Wfm --> Mod Ramp

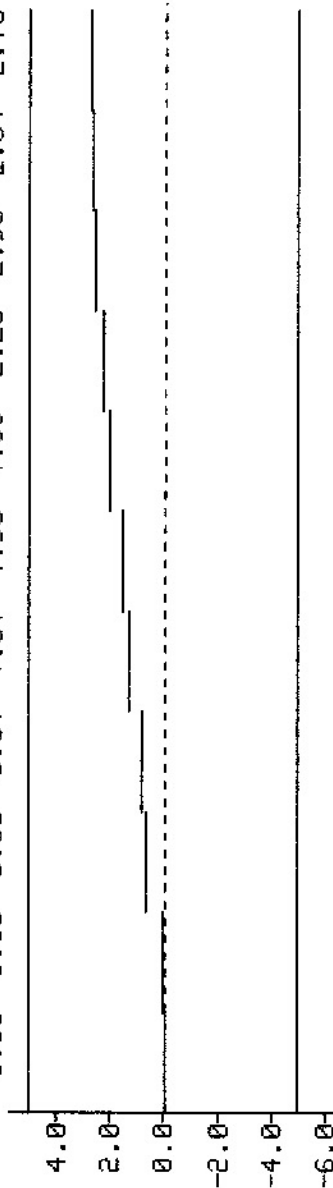
Differential Gain (%) min = -0.27 max = 1.56 p-p/max = 1.80
 0.00 -0.12 -0.27 1.56 0.89 1.02 0.65 1.07 0.26 0.35 -0.24

DIFFERENTIAL GAIN



DIFFERENTIAL PHASE

Differential Phase (deg) min = 0.00 max = 2.76 pk-pk = 2.76
 0.00 0.06 0.66 0.81 1.31 1.56 1.99 2.26 2.56 2.64 2.76



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

Average Off