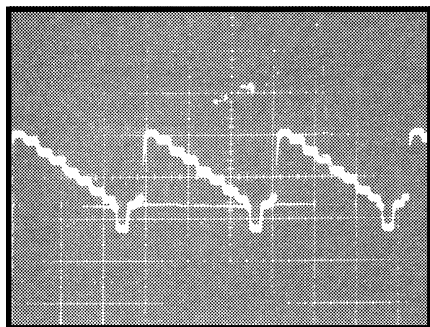
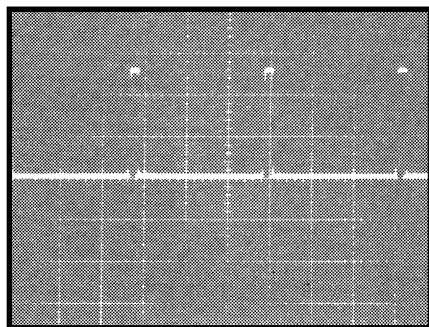


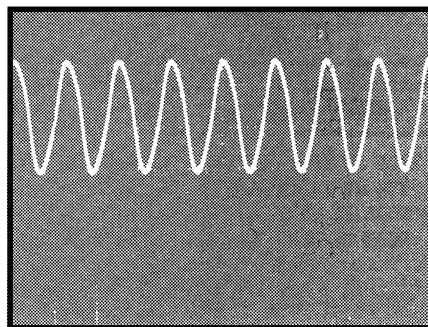
Control Circuit



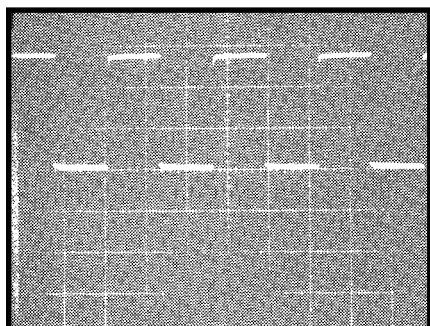
1 1.5Vp-p AC coupled
0.5V/20μsec/div.



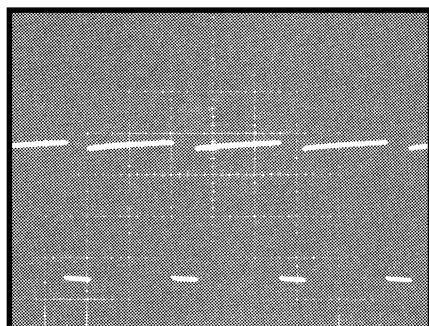
2 5.0Vp-p
2.0V/20μsec/div.



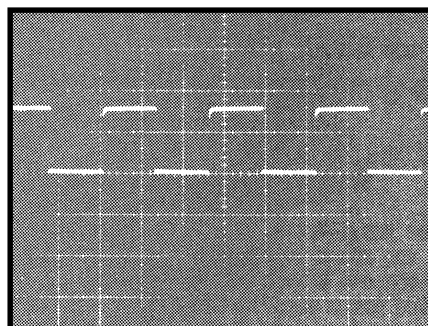
3 5.4Vp-p
22.0V/0.2μsec/div.



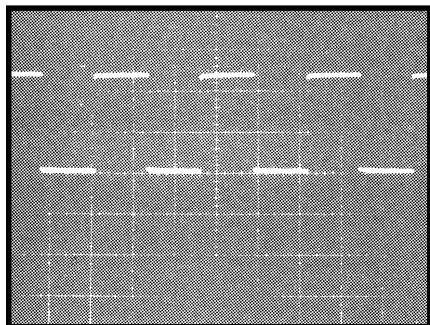
4 5.4Vp-p
2.0V/0.2msec/div.



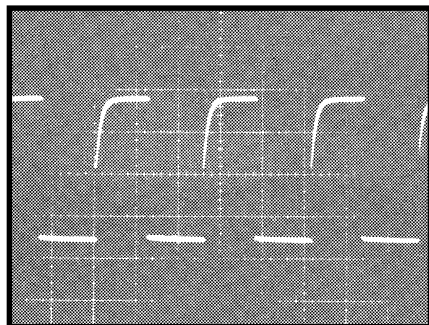
5 6.6Vp-p AC coupled
2.0V/0.2msec/div.



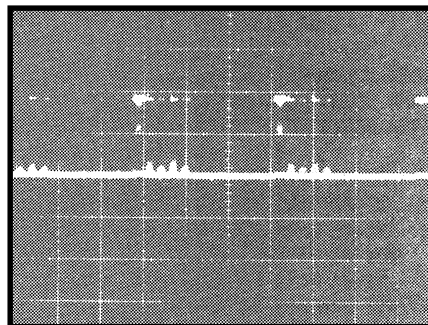
6 7.5Vp-p
5.0V/0.2msec/div.



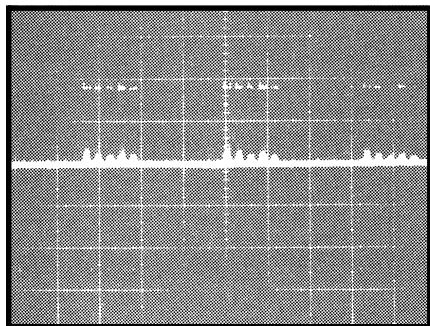
7 4.8Vp-p
2.0V/0.2msec/div.



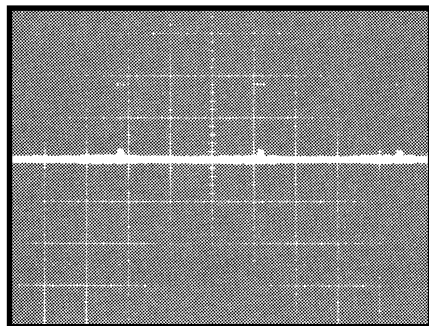
8 6.8Vp-p AC coupled
2.0V/0.2msec/div.



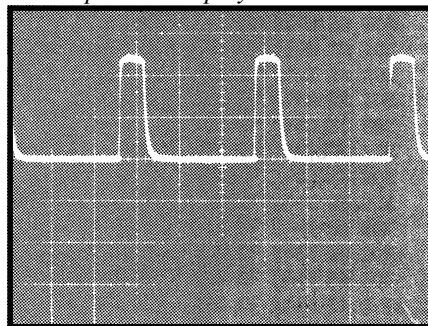
9 3.8Vp-p
2.0V/5msec./div.
Set-up Menu displayed



10 3.8Vp-p
2.0V/5msec/div.
Set-up Menu displayed



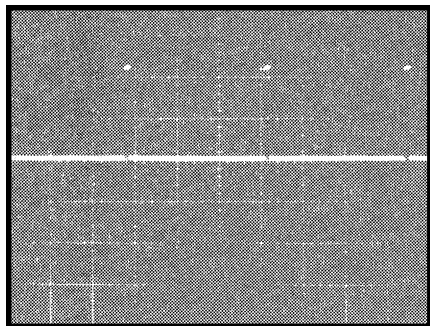
11 3.8Vp-p
2.0V/5msec/div.
Set-up Menu displayed



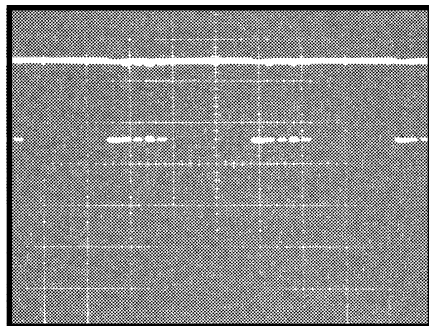
12 4.8Vp-p
2.0V/20μsec/div.

WAVEFORMS (Continued)

Control Circuit (Continued)

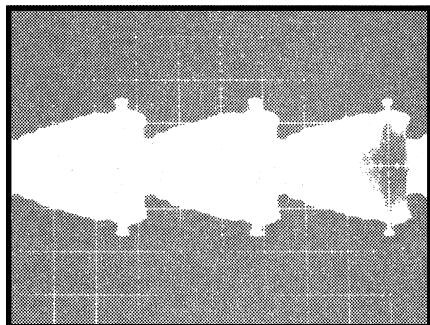


13 $4.4V_{p-p}$
 $2.0V/5msec/div.$

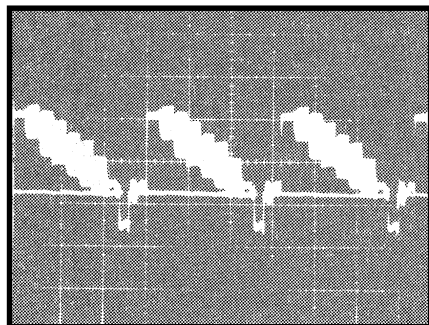


14 $5.0V_{p-p}$
 $2.0V/5msec/div.$
Set-up Menu displayed

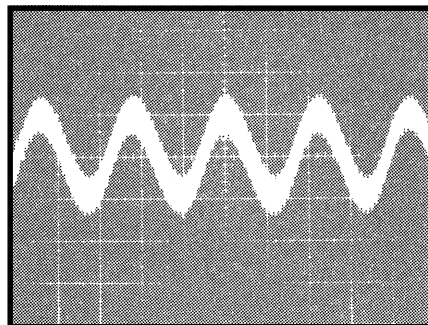
Signal Circuit



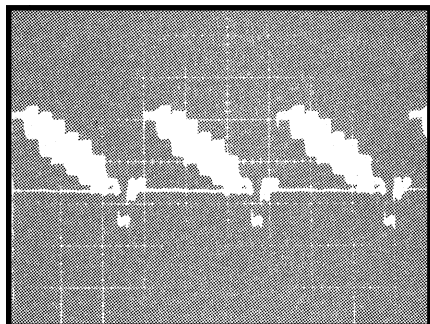
15 $1.4V_{p-p}$ AC coupled
 $0.5V/20\mu sec/div.$



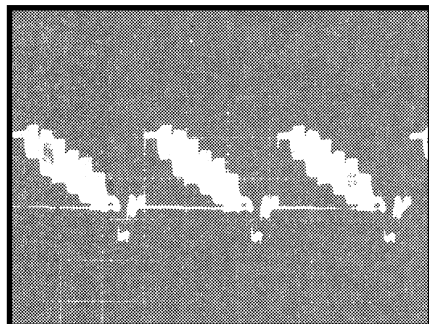
16 $1.5V_{p-p}$ AC coupled
 $0.5V/20\mu sec/div.$



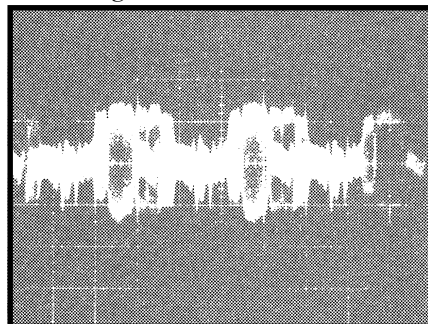
17 $150mV_{p-p}$ AC coupled
 $50mV/0.1\mu sec/div.$
MTS generator L+R



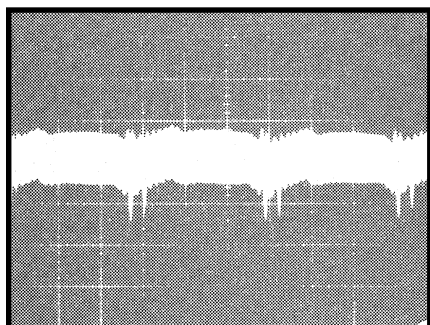
18 $1.5V_{p-p}$ AC coupled
 $0.5V/20\mu sec/div.$



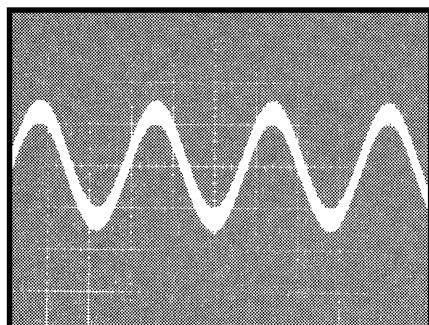
19 $1.5V_{p-p}$ AC coupled
 $0.5V/20\mu sec/div.$



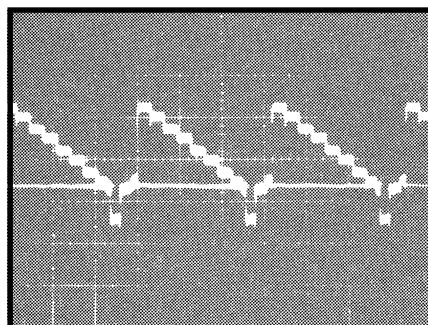
20 $180mV_{p-p}$ AC coupled
 $50mV/20\mu sec/div.$



21 $115mV_{p-p}$ AC coupled
 $50mV/20\mu sec/div.$



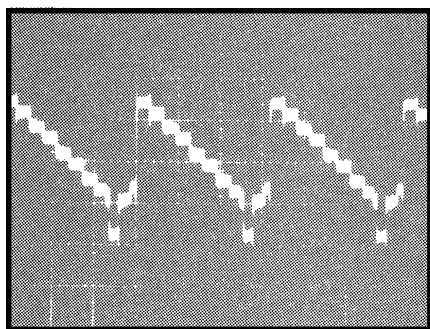
22 $0.32V_{p-p}$
 $0.1V/0.1\mu sec/div.$



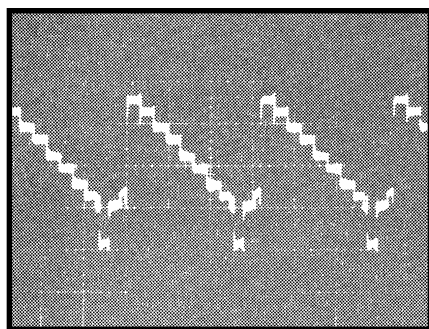
23 $1.5V_{p-p}$ AC coupled
 $0.5V/20\mu sec/div.$

WAVEFORMS (Continued)

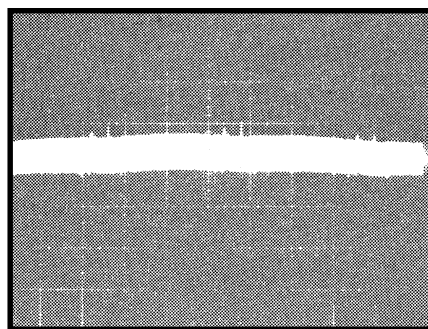
Signal Circuit (Continued)



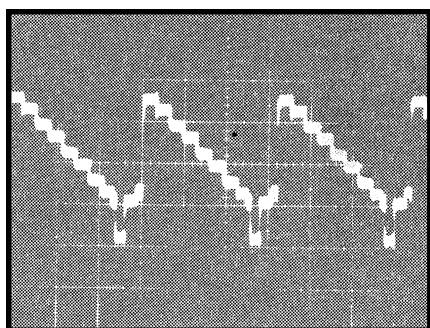
24 0.74Vp-p AC coupled
2.0V/20μsec/div.



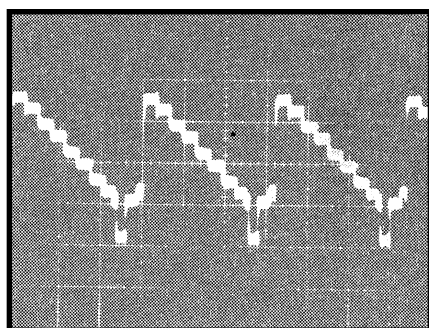
25 1.7Vp-p AC coupled
0.5V/20μsec/div.



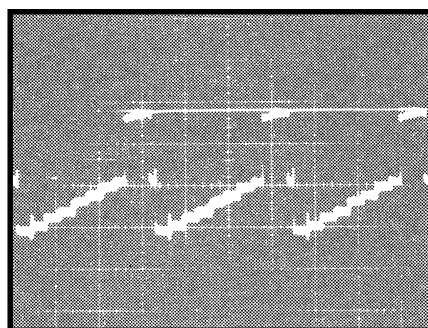
26 85mVp-p AC coupled
50mV/20μsec/div.



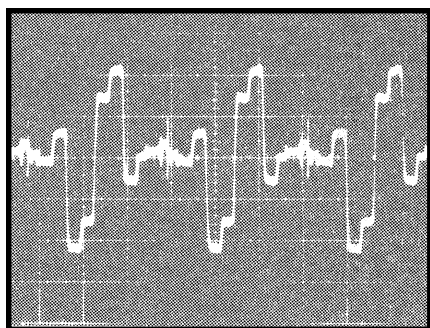
27 0.74Vp-p AC coupled
2.0V/20μsec/div.



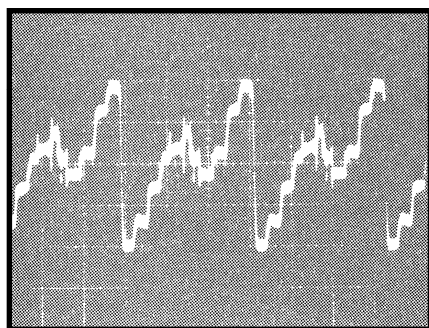
28 6.2Vp-p AC coupled
2.0V/20μsec/div.



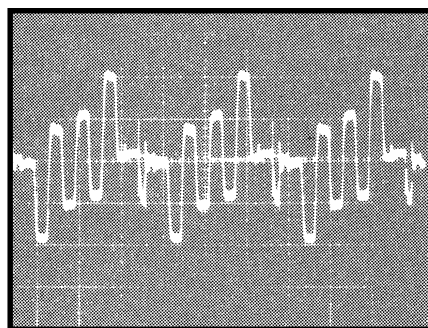
29 3.0Vp-p AC coupled
1.0V/20μsec/div.



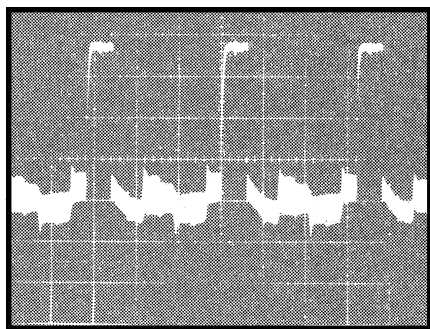
30 2.2Vp-p AC coupled
0.5V/20μsec/div.



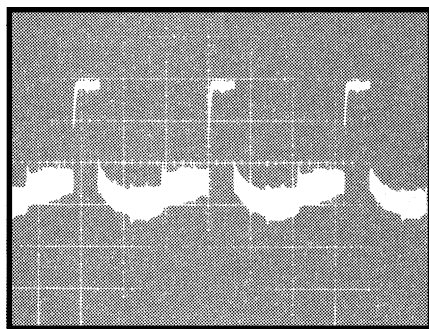
31 0.82Vp-p AC coupled
0.2V/20μsec/div.



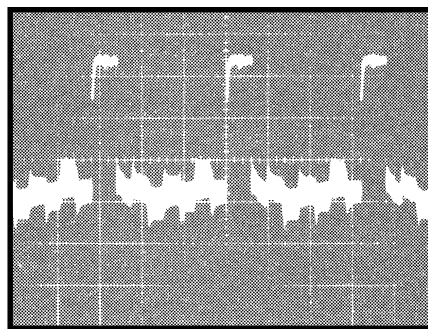
32 2.0Vp-p AC coupled
0.5V/20μsec/div.



33 2.4Vp-p AC coupled
0.5V/20μsec/div.



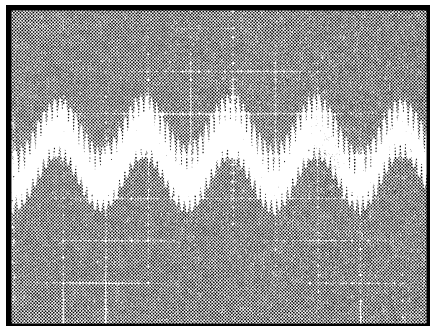
34 1.8Vp-p AC coupled
0.5V/20μsec/div.



35 2.3Vp-p AC coupled
0.5V/20μsec/div.

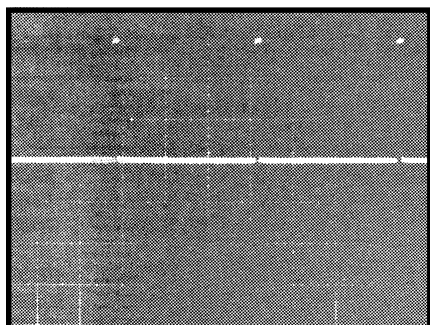
WAVEFORMS (Continued)

Signal Circuit (Continued)



36 $0.6V_{p-p}$
 $2.0V/0.5msec/div.$
MTS generator L+R

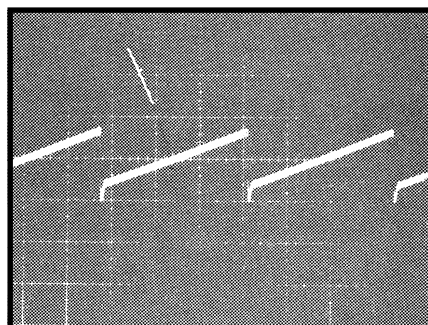
Deflection Circuit



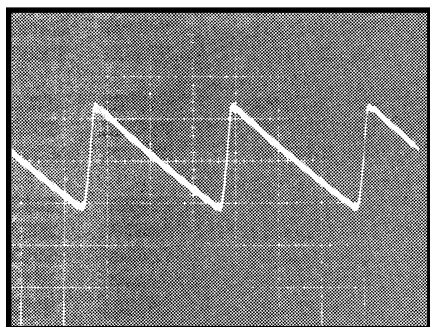
37 $5.8V_{p-p}$
 $2.0V/5msec/div.$



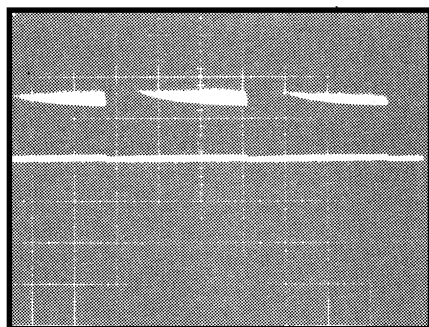
38 $3.6V_{p-p}$ *AC coupled*
 $1.0V/5msec/div.$



39 $0.9V_{p-p}$ *AC coupled*
 $0.5V/5msec/div.$



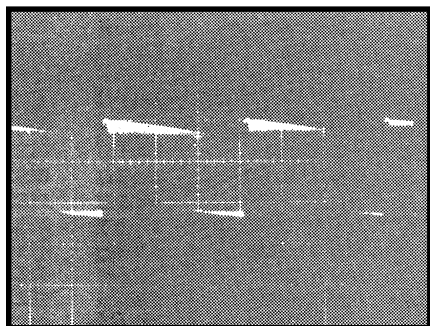
40 $1.2V_{p-p}$ *AC coupled*
 $0.5V/20\mu sec/div.$



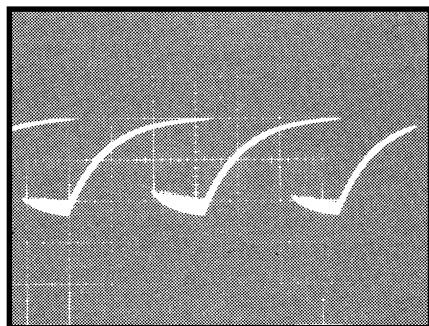
41a $23V_{p-p}$
 $10V/5msec/div.$



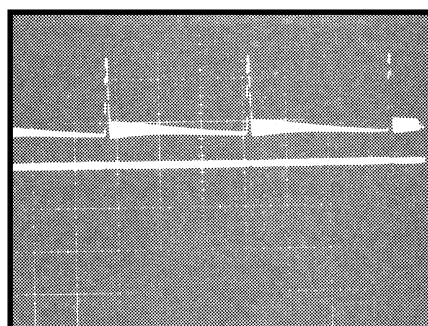
41b $23V_{p-p}$
 $10V/20\mu sec/div.$



42a $12V_{p-p}$ *AC coupled*
 $5.0V/5msec/div.$



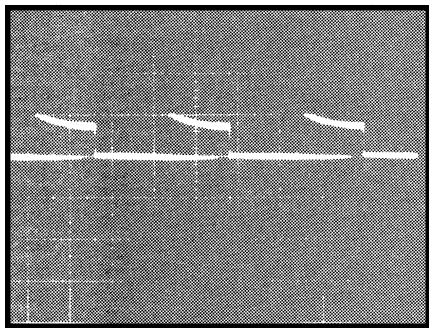
42b $12V_{p-p}$ *AC coupled*
 $5.0V/20\mu sec/div.$



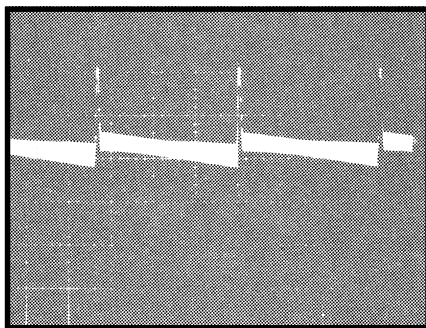
43a $130V_{p-p}$
 $50V/5msec/div.$

WAVEFORMS (Continued)

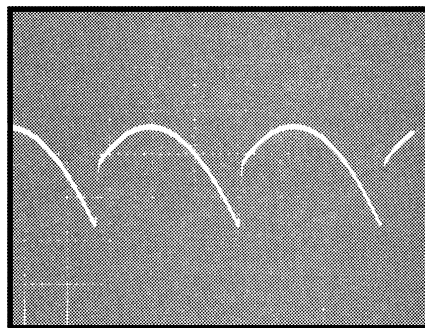
Deflection Circuit (Continued)



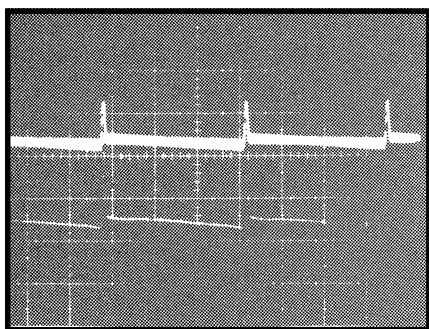
43b 130Vp-p
50V/20μsec/div.



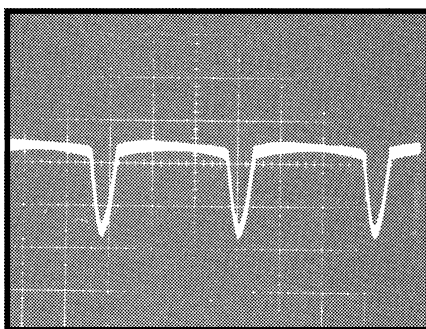
44 110Vp-p
50V/5msec/div.



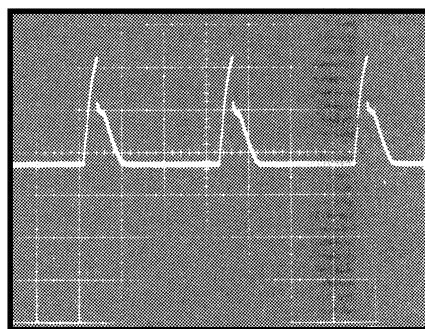
45 2.4Vp-p AC coupled
1.0V/5msec/div.



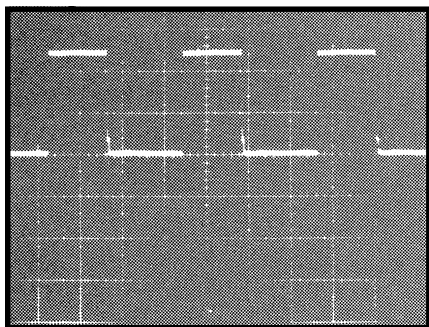
46a 300Vp-p
100V/5msec/div



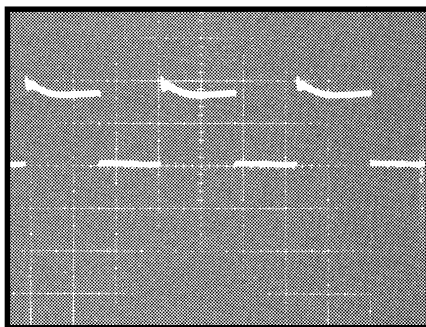
46b 300Vp-p
100V/20μsec/div



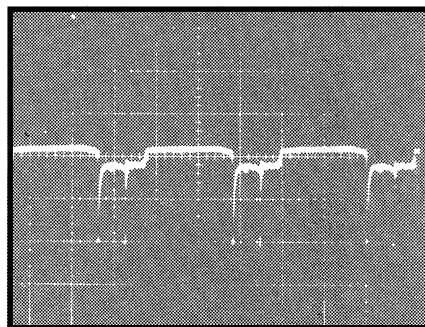
47 2.6Vp-p AC coupled
1.0V/20μsec/div.



48 4.8Vp-p
2.0V/20μsec/div.



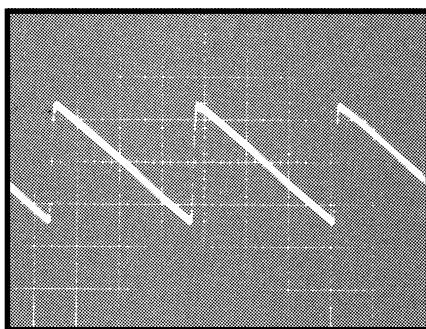
49 20Vp-p
10V/20μsec/div.



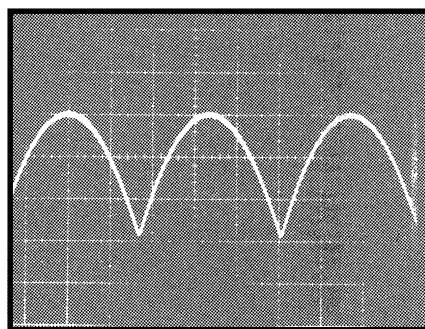
50 13Vp-p
5.0V/20μsec/div.



51 1150Vp-p AC coupled
500V/20μsec/div.



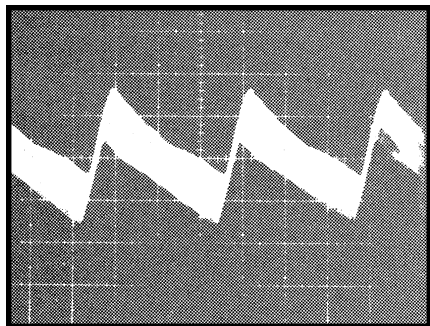
52 1.4Vp-p AC coupled
0.5V/5msec/div.



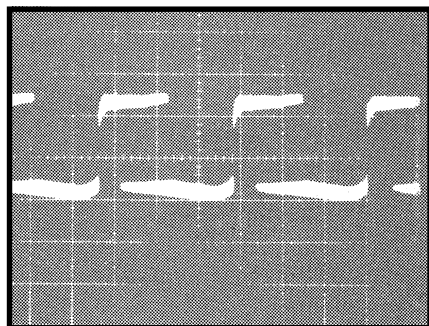
53 3.0Vp-p AC coupled
1.0V/5msec/div.

WAVEFORMS (Continued)

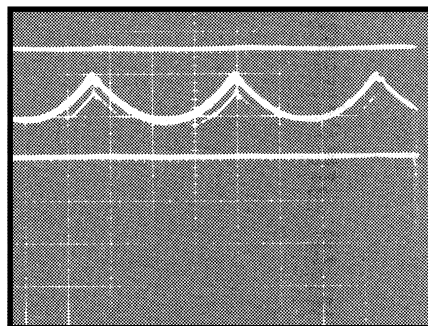
Deflection Circuit (Continued)



54 $0.66V_{p-p}$ AC coupled
 $0.2V/20\mu sec/div.$



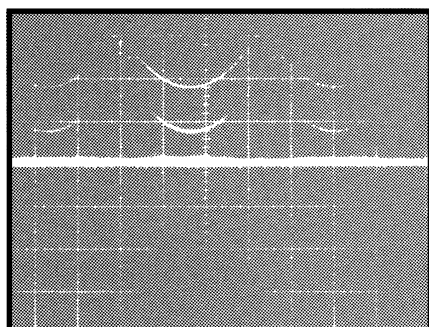
55 $0.50V_{p-p}$
 $0.2V/20\mu sec/div.$



56a $26V_{p-p}$
 $10V/5msec/div$



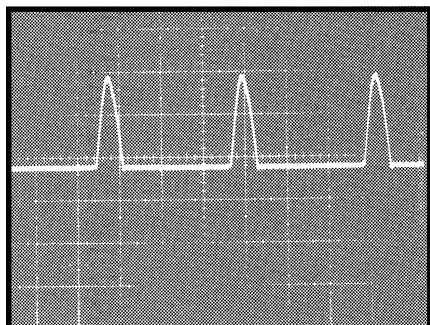
56b $26V_{p-p}$
 $10V/20\mu sec/div$



57a $150V_{p-p}$
 $50V/5msec/div$



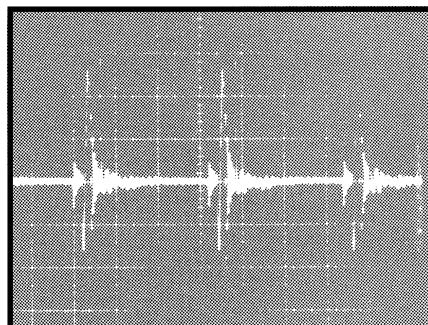
57b $150V_{p-p}$
 $50V/20\mu sec/div$



58 $110V_{p-p}$
 $50V/20\mu sec/div.$



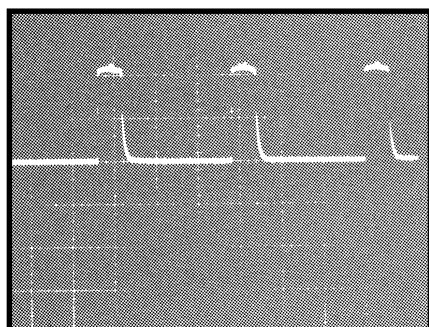
59 $29V_{p-p}$
 $10V/20\mu sec/div.$



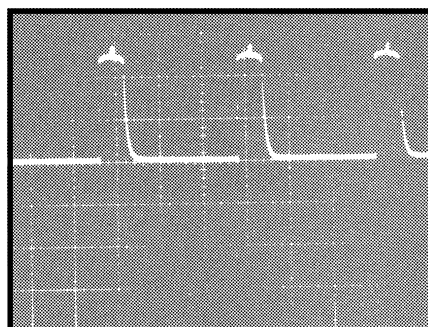
60 $30V_{p-p}$ AC coupled
 $5.0V/20\mu sec/div.$



61 $210V_{p-p}$
 $100V/20\mu sec/div.$



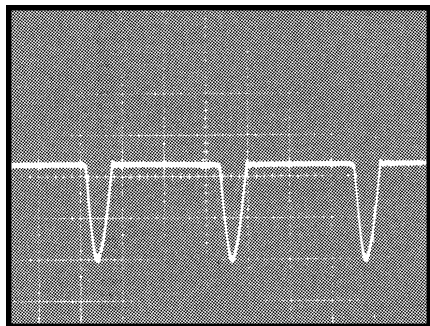
62 $11V_{p-p}$
 $5.0V/20\mu sec/div.$



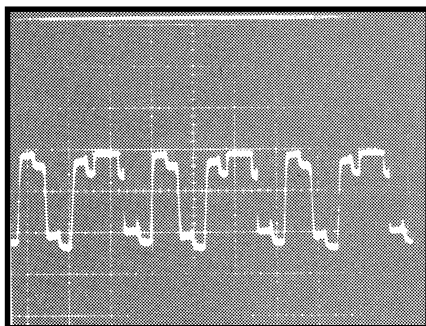
63 $5.4V_{p-p}$
 $2.0V/20\mu sec/div.$

WAVEFORMS (Continued)

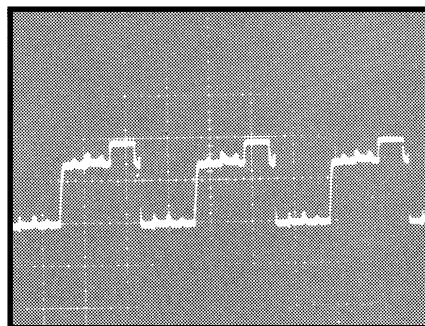
Deflection Circuit (Continued)



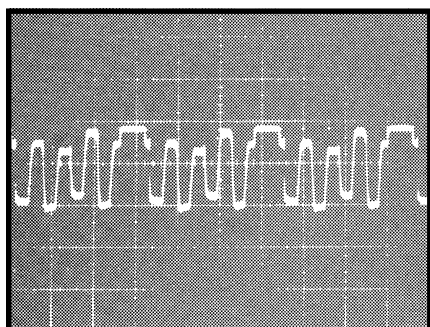
64 120Vp-p
50V/20μsec/div.



65 130Vp-p AC coupled
50V/20μsec/div.

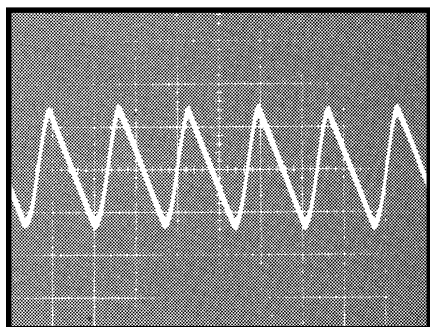


66 100Vp-p AC coupled
50V/20μsec/div.

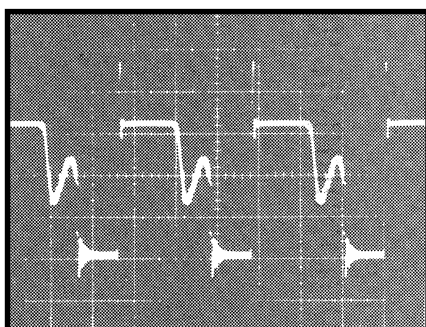


67 95Vp-p AC coupled
50V/20μsec/div.

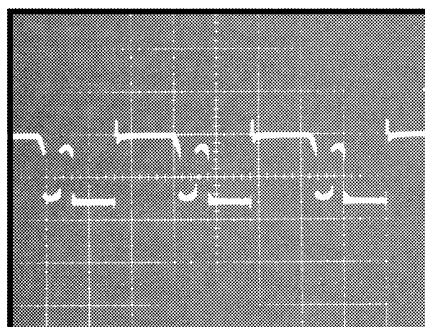
Power Supply Circuit



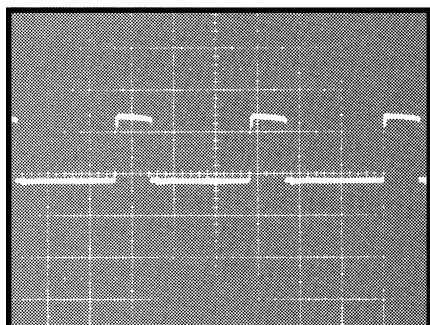
71 5.8Vp-p AC coupled
20V/5msec/div.



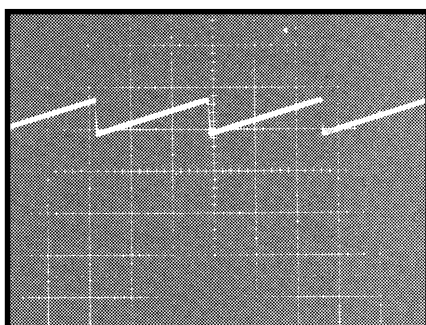
72 51Vp-p
10V/20μsec/div.



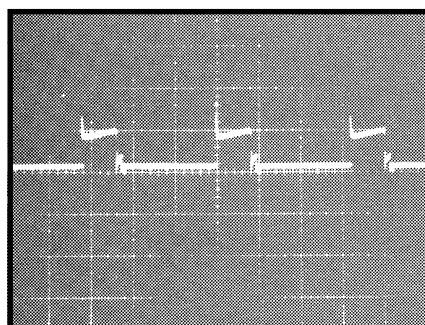
73 2.6Vp-p
1.0V/20μsec/div.



74 3.2Vp-p
2.0V/20μsec/div.



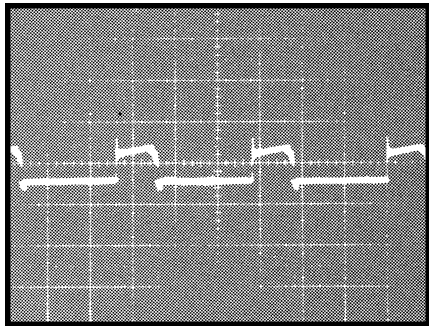
75 1.8Vp-p AC coupled
2.0V/20μsec/div.



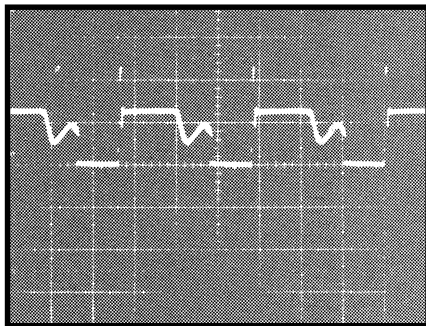
76 8.0Vp-p AC coupled
5.0V/20μsec/div.

WAVEFORMS (Continued)

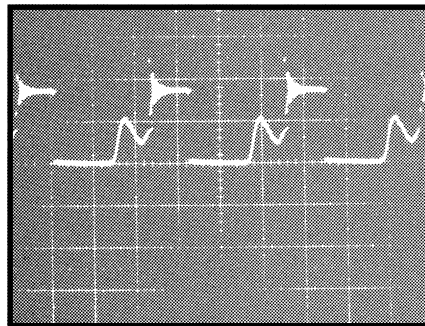
Power Supply Circuit (Continued)



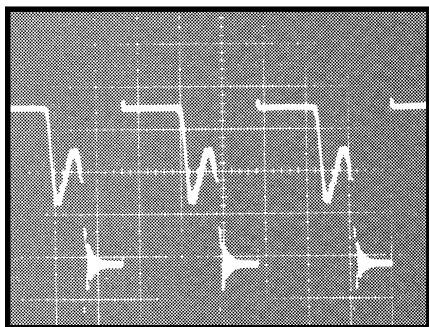
77 18Vp-p
5.0V/20 μ sec/div.



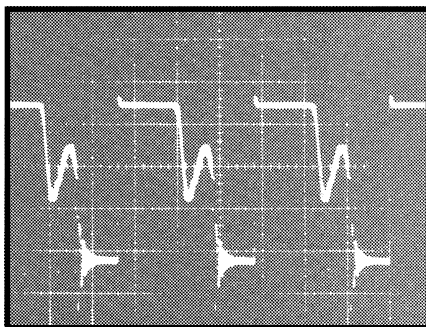
78 460Vp-p
200V/20 μ sec/div.



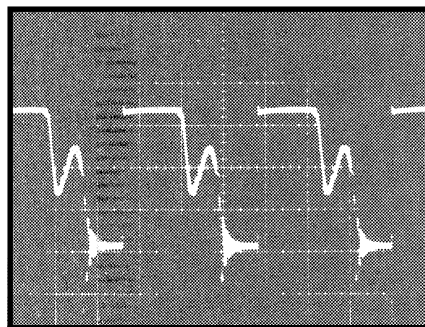
79 500Vp-p
200V/20 μ sec/div.



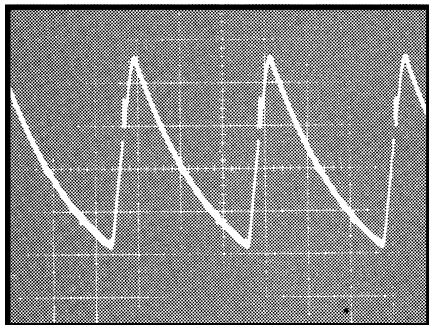
80 50Vp-p
10V/20 μ sec/div.



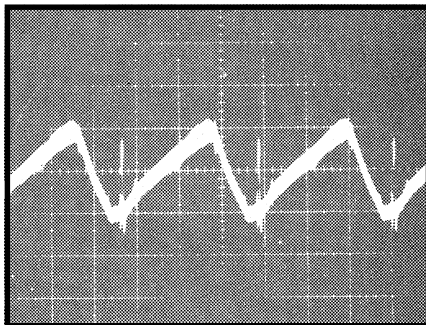
81 25Vp-p
5.0V/20 μ sec/div.



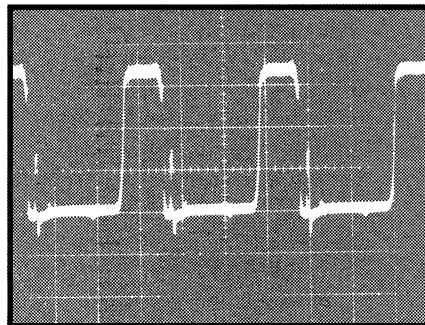
82 96Vp-p
20V/20 μ sec/div.



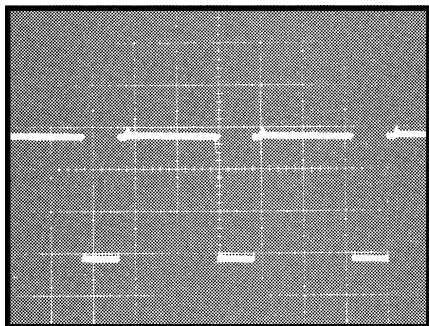
83 2.5Vp-p
0.5V/20 μ sec/div.



84 0.52Vp-p AC coupled
0.2V/20 μ sec/div.



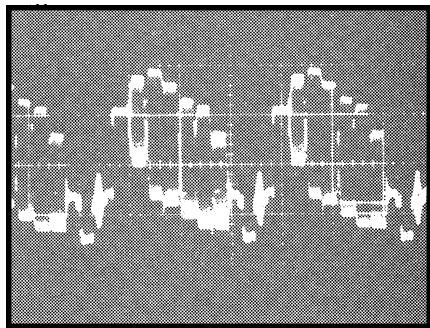
85 0.70Vp-p AC coupled
0.2V/20 μ sec/div.



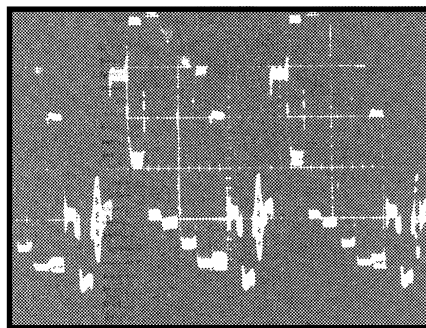
86 15Vp-p
5.0V/20 μ sec/div.

WAVEFORMS (Continued)

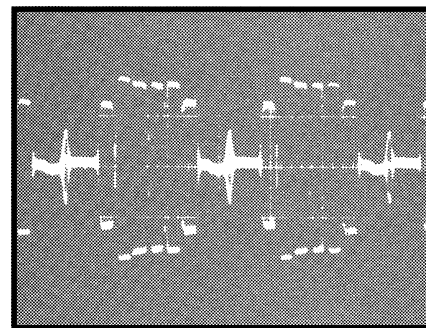
Digital Comb Filter



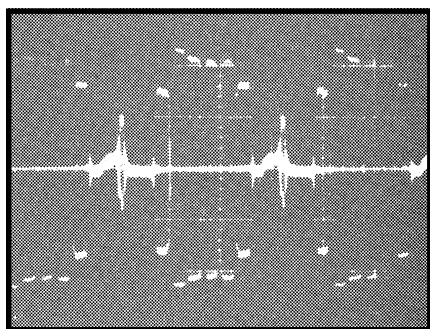
87 1.8Vp-p AC coupled
0.5V/20μsec/div.



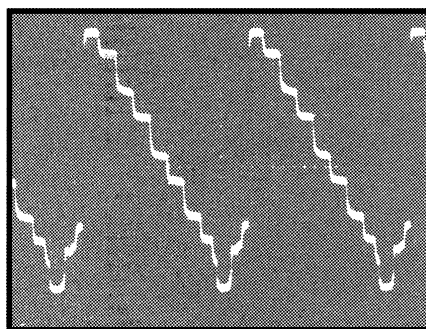
88 1.1Vp-p AC coupled
0.2V/20μsec/div.



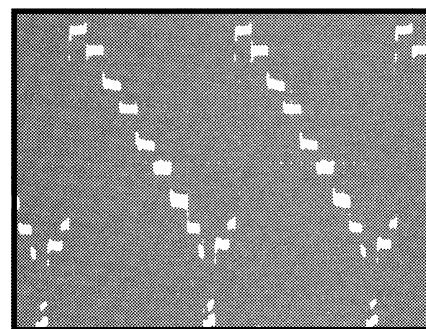
89 0.37Vp-p AC coupled
0.1V/20μsec/div.



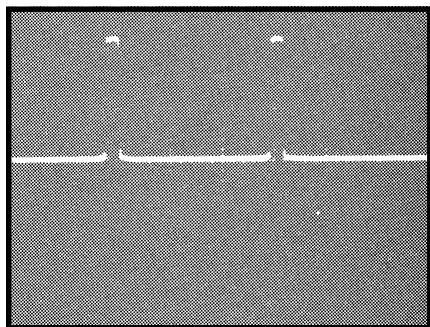
90 0.95Vp-p AC coupled
0.2V/20μsec/div.



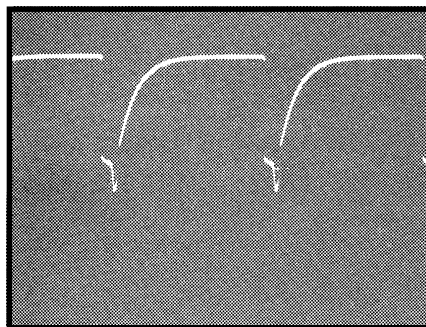
91 1.2Vp-p AC coupled
0.2V/20μsec/div.



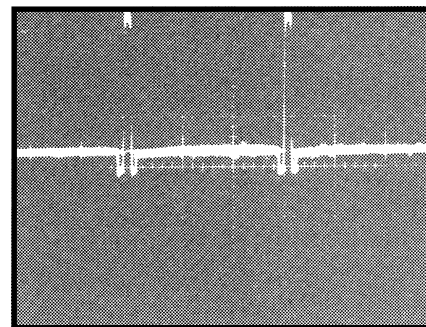
92 1.0Vp-p AC coupled
0.2V/20μsec/div.



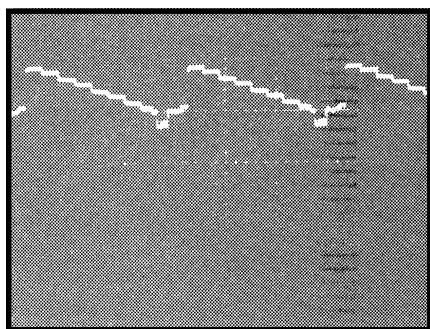
93 12Vp-p
5V/20μsec/div.



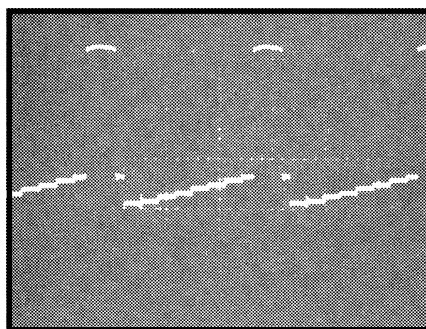
94 5.0Vp-p
2V/20μsec/div.



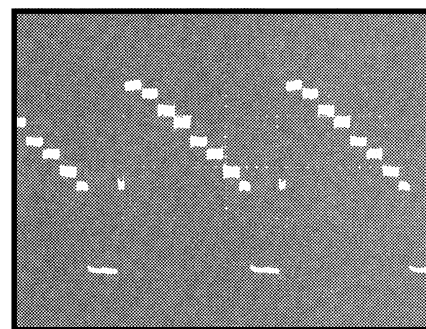
95 1.6Vp-p
0.5V/20μsec/div.



96 1.4Vp-p
1V/20μsec/div.



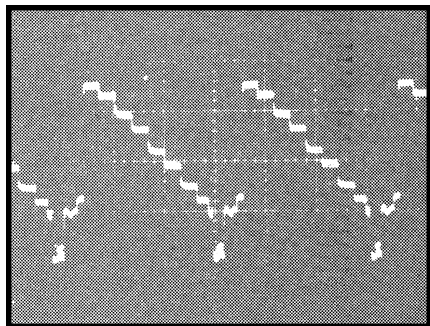
97 6.5Vp-p AC coupled
2V/20μsec/div.



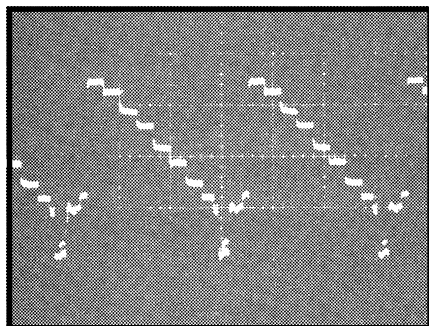
98 1.9Vp-p AC coupled
0.5V/20μsec/div.

WAVEFORMS (Continued)

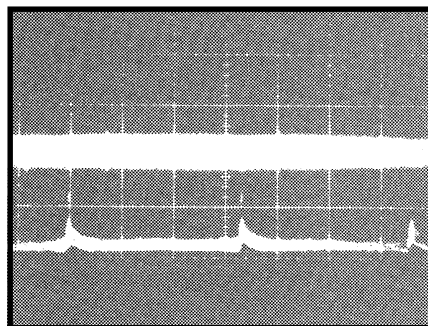
Digital Comb Filter (Continued)



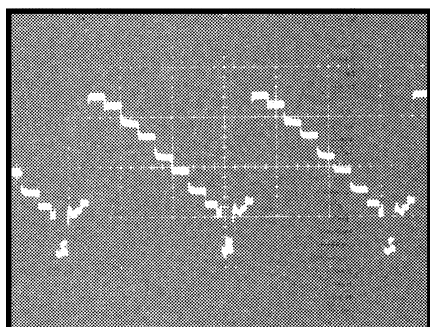
99 0.66Vp-p AC coupled
0.2V/20 μ sec/div.



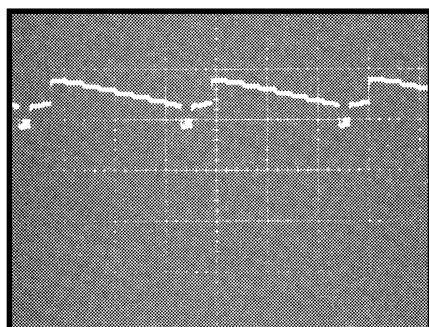
100 0.66Vp-p AC coupled
0.2V/20 μ sec/div.



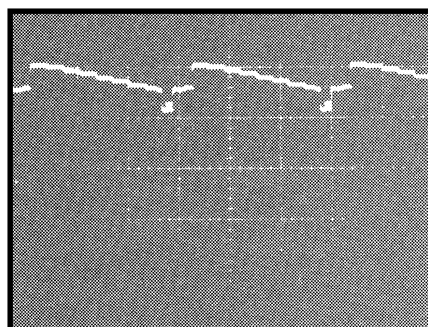
101 0.2Vp-p AC coupled
0.1V/5msec/div.



102 0.64Vp-p AC coupled
0.2V/20 μ sec/div.

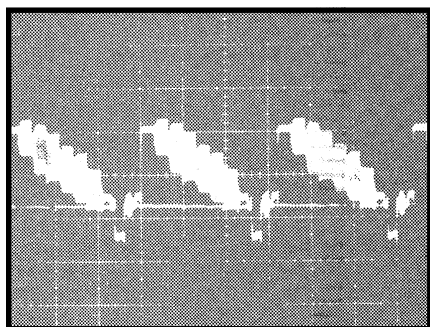


103 2.0Vp-p
2V/20 μ sec/div.

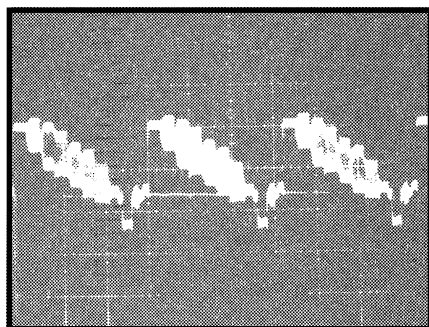


104 2.0Vp-p
2V/20 μ sec/div.

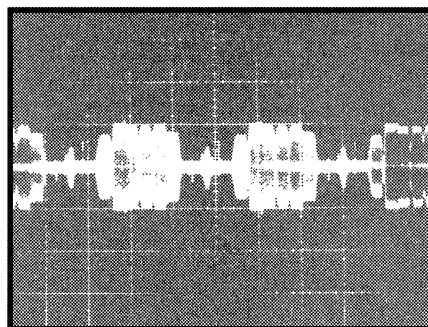
S-PIP Circuit



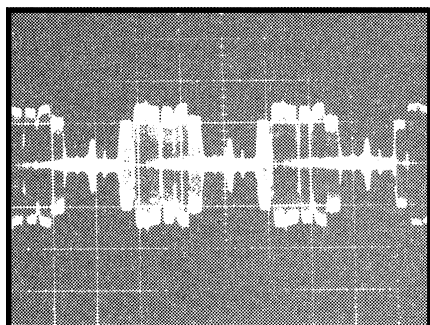
173 1.4Vp-p AC coupled
0.5V/20 μ sec/div.



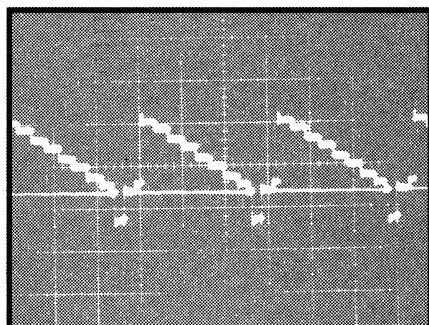
174 1.3Vp-p AC coupled
0.5V/20 μ sec/div.



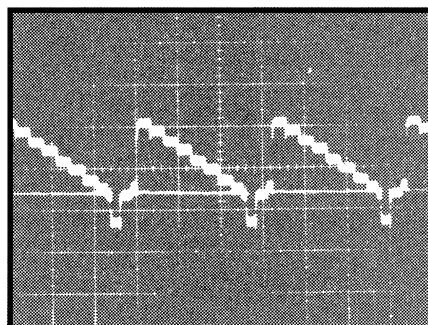
175 0.4Vp-p AC coupled
0.2V/20 μ sec/div.



176 0.6Vp-p AC coupled
0.2V/20 μ sec/div.



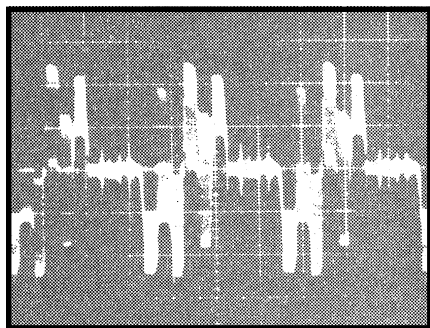
177 1.2Vp-p AC coupled
0.5V/20 μ sec/div.



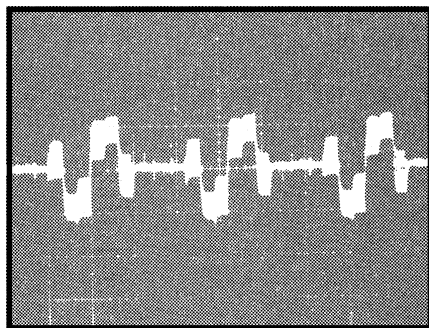
178 1.2Vp-p AC coupled
1.2V/20 μ sec/div.

WAVEFORMS (Continued)

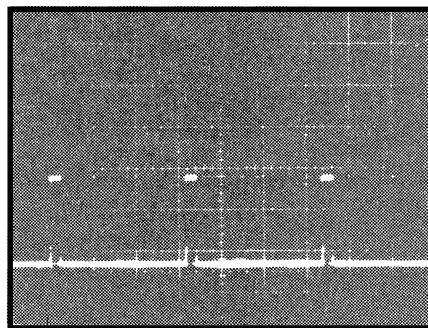
S-PIP Circuit (Continued)



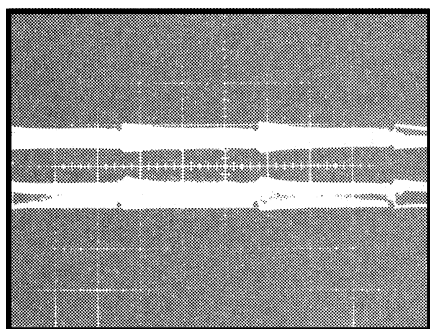
179 1.0Vp-p AC coupled
0.2V/20 μ sec/div.



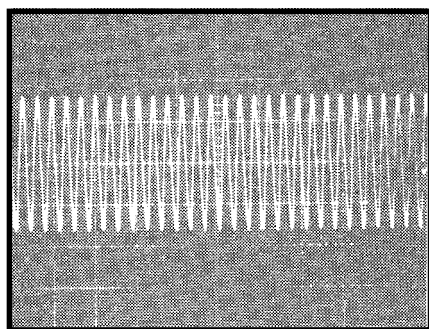
180 1.2Vp-p AC coupled
0.2V/20 μ sec/div.



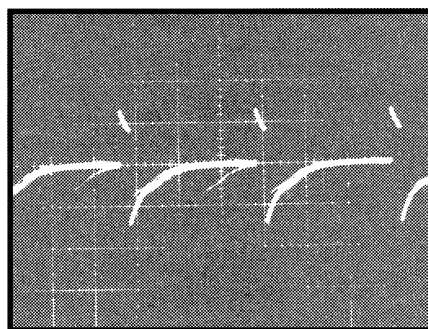
181 4.2Vp-p AC coupled
2.0V/20 μ sec/div.



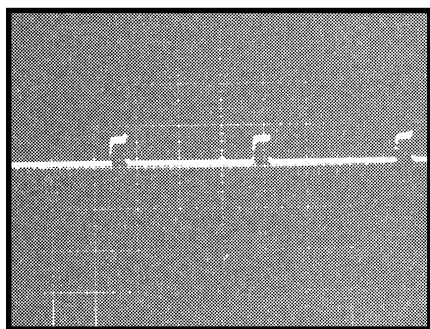
182 1.0Vp-p AC coupled
0.5V/20 μ sec/div.



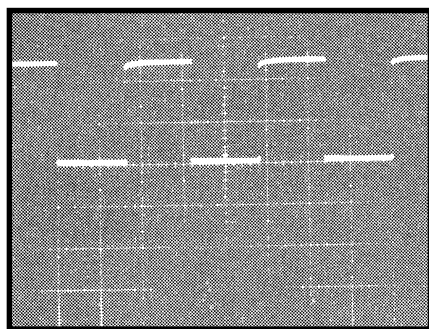
183 0.64Vp-p AC coupled
0.2V/0.2 μ sec/div.



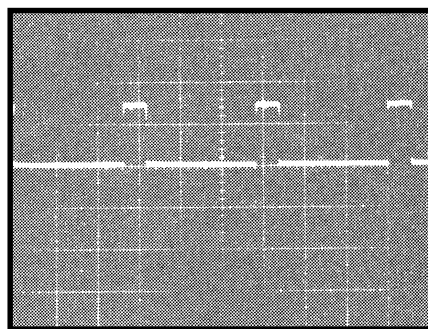
184 2.8Vp-p
1.0V/5msec/div.



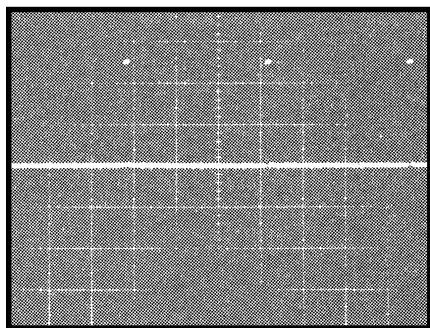
185 4.0Vp-p
2.0V/5msec/div.



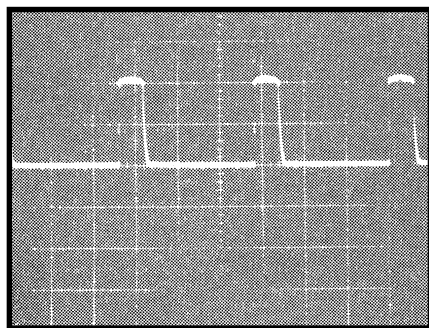
186 5.0Vp-p
0.2V/20 μ sec/div.



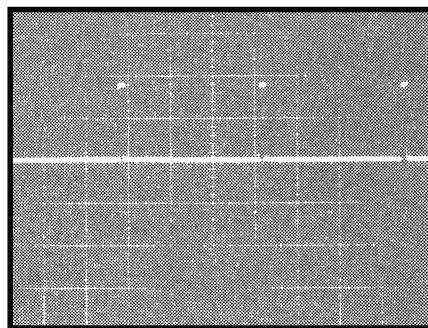
187 4.8Vp-p AC coupled
2.0V/20 μ sec/div.



188 5.0Vp-p
2.0V/5msec/div.



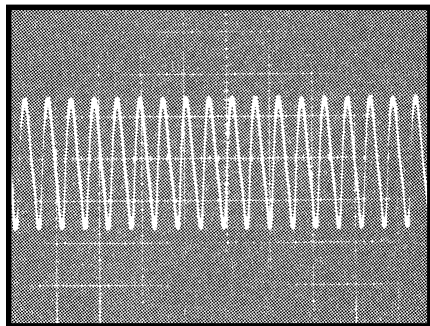
189 4.2Vp-p
2.0V/20 μ sec/div.



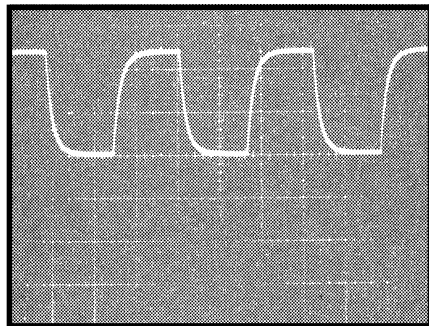
190 3.6Vp-p
2.0V/5msec/div.

WAVEFORMS (Continued)

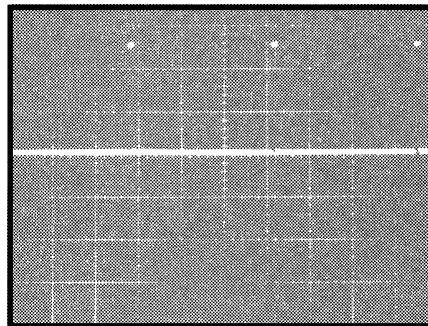
S-PIP Circuit (Continued)



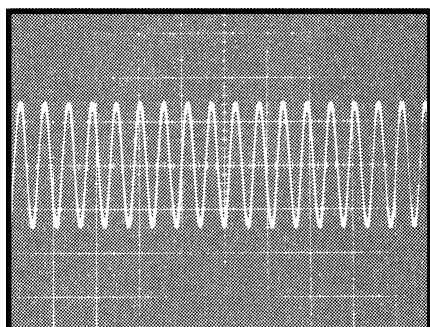
191 3.1Vp-p AC coupled
1.0V/0.1μsec/div.



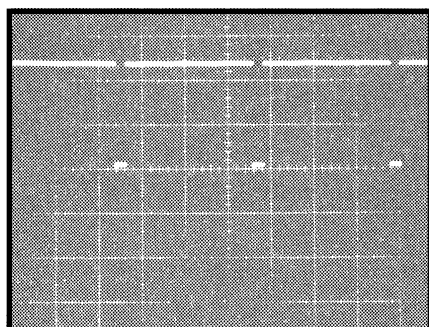
192 4.8Vp-p
2.0V/20μsec/div.



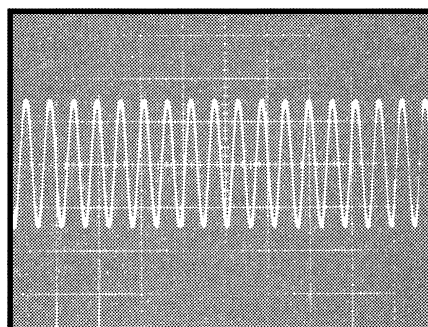
193 5.0Vp-p AC coupled
2.0V/5msec/div.



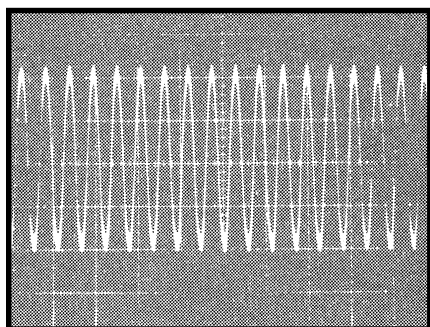
194 1.4Vp-p AC coupled
0.5V/0.5μsec/div.



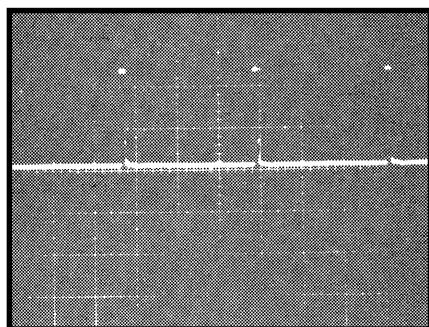
195 4.6Vp-p AC coupled
2.0V/20μsec/div.



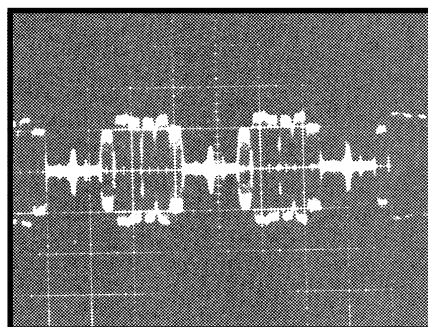
196 1.5Vp-p AC coupled
0.5V/0.5μsec/div.



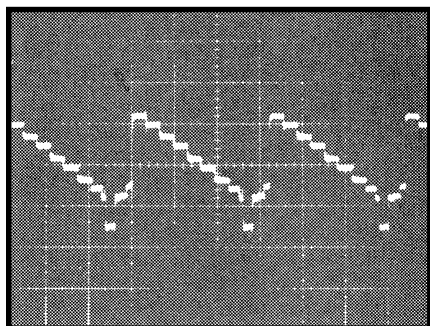
197 0.42Vp-p AC coupled
0.1V/0.5μsec/div.



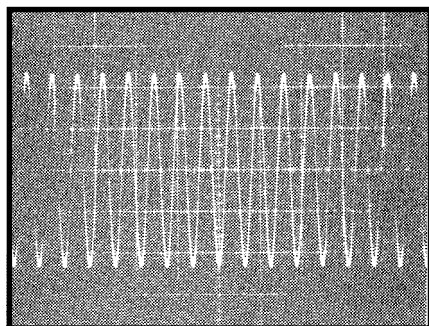
198 2.3Vp-p
1.0V/20μsec/div.



199 0.56Vp-p
0.2V/20μsec/div.



200 1.4Vp-p AC coupled
0.5V/20μsec/div.



201 4.6Vp-p AC coupled
1.0V/0.2μsec/div.