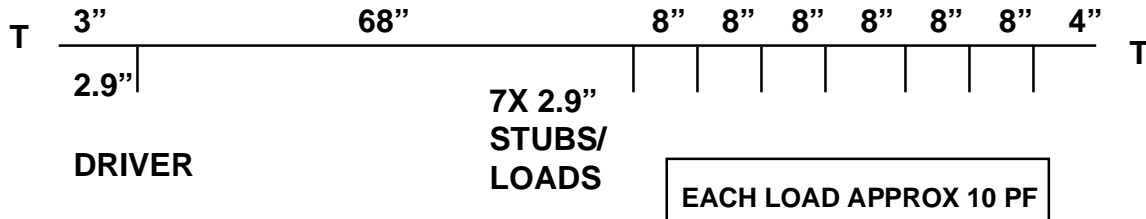


FAST 20 SINGLE ENDED SCSI

- **SINGLE ENDED FAST 20 SCSI HAS BEEN FURTHER CHARACTERIZED IN TWO IMPORTANT AREAS:**
 - **BUS LENGTH**
 - **EFFECTS OF DEVICE CAPACITANCE**
- **WHEN DEVICE LOADS ARE “CLUSTERED” ON THE BUS THE CAPACITANCE MUST BE REDUCED TO SIGNIFICANTLY LESS THAN 10 PF TO REGAIN GOOD WAVE SHAPES**
- **WHEN DEVICE LOADS ARE NOT “CLUSTERED” ONE MAY EXTEND THE SINGLE ENDED BUS TO THE FULL 25 METERS (WITH GOOD GROUND CONTROL)**
- **POINT TO POINT SINGLE ENDED FAST 20 SCSI RETAINS VERY GOOD SIGNALS AT THE FULL PROTOCOL LIMITED LENGTH OF 25 METERS**
- **THESE POINT TO POINT RESULTS APPLY TO FAST 10 AND SLOW AS WELL**

FAST 20 SINGLE ENDED SCSI

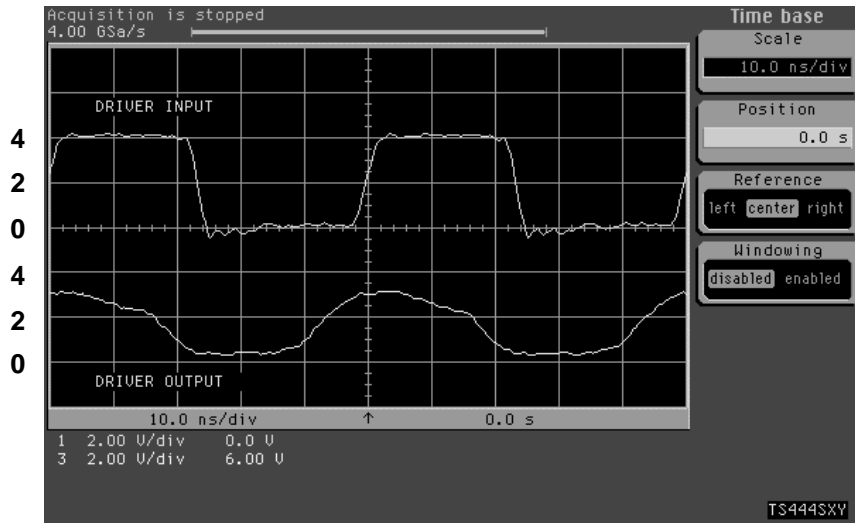
3 METERS (10 FEET) OVERALL LENGTH



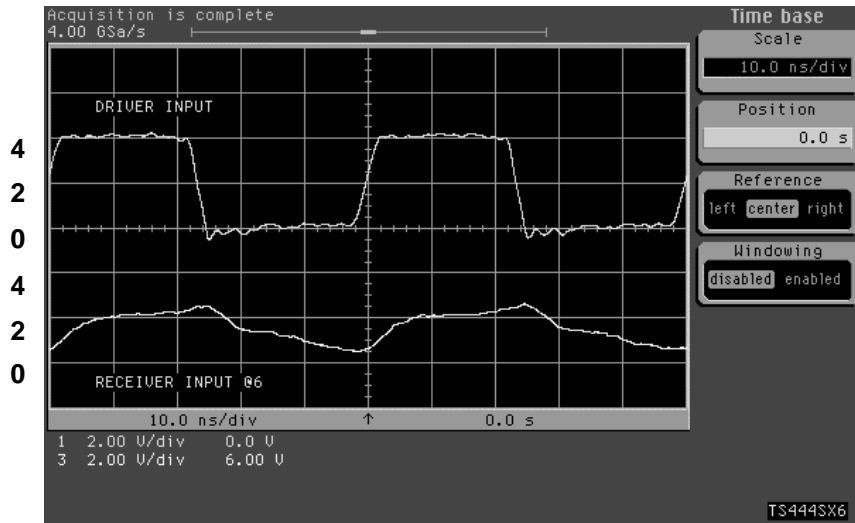
DEVICE 7
POSITION

6 5 4 3 2 1 0

DRIVER

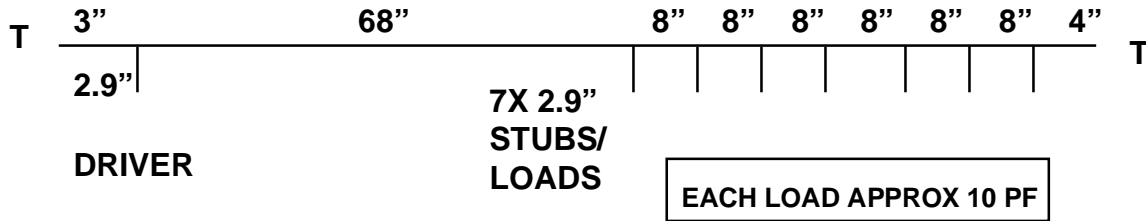


DEVICE 6



FAST 20 SINGLE ENDED SCSI

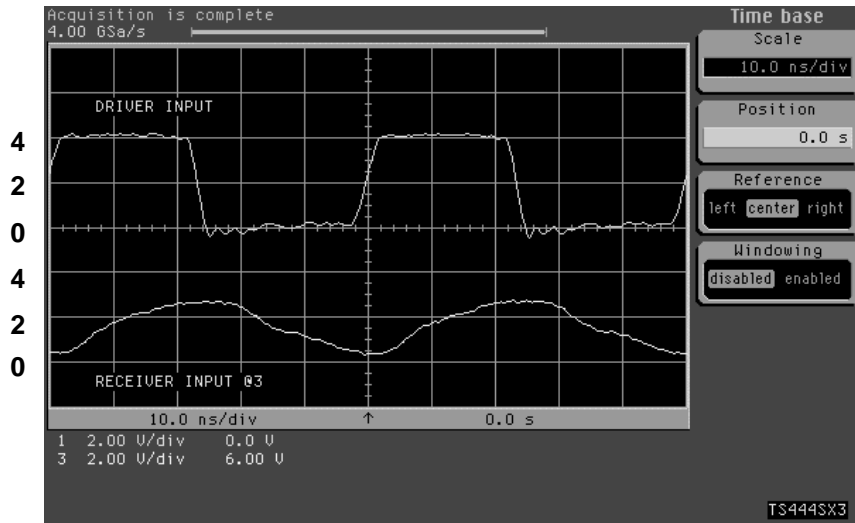
3 METERS (10 FEET) OVERALL LENGTH



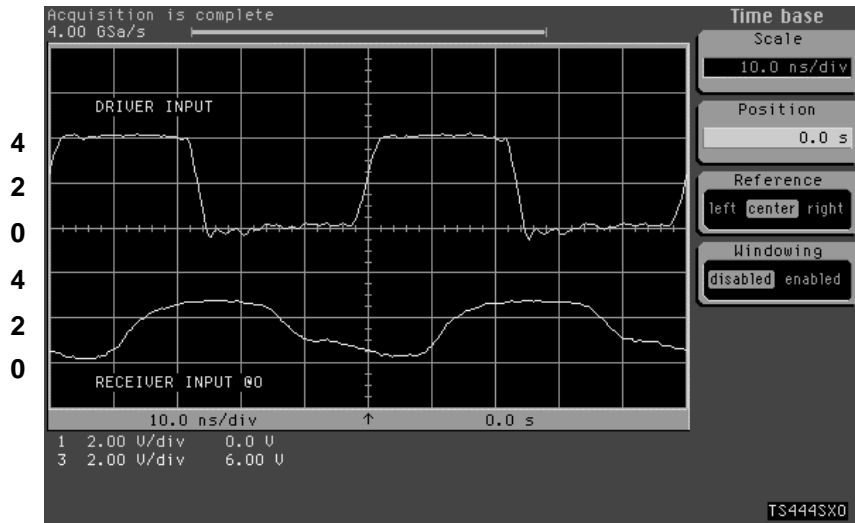
DEVICE 7
POSITION

6 5 4 3 2 1 0

DEVICE 3

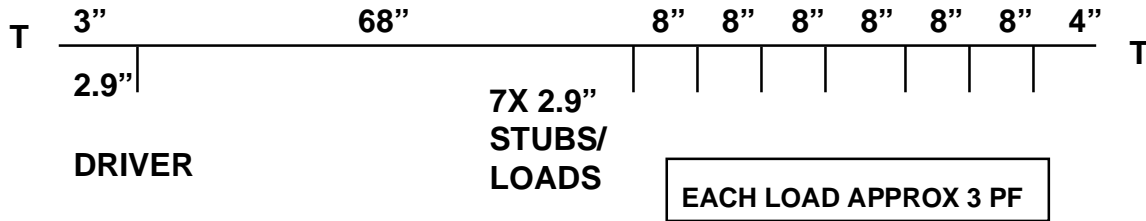


DEVICE 0



FAST 20 SINGLE ENDED SCSI

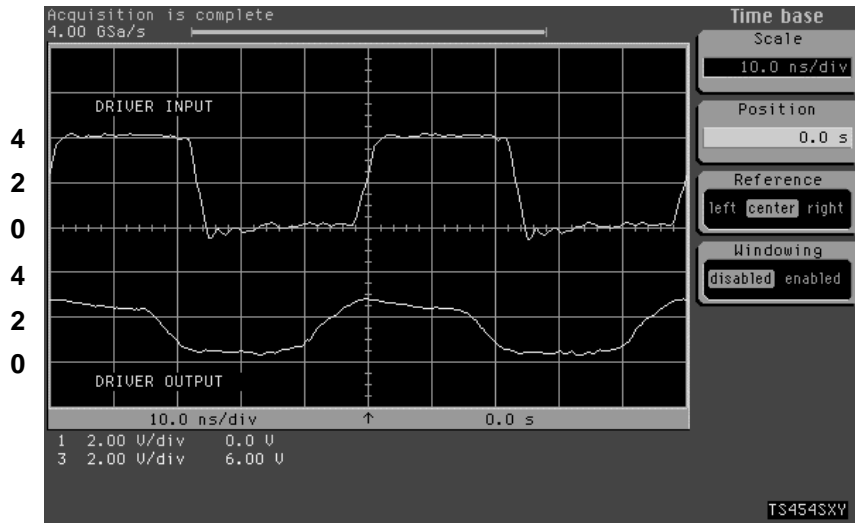
3 METERS (10 FEET) OVERALL LENGTH



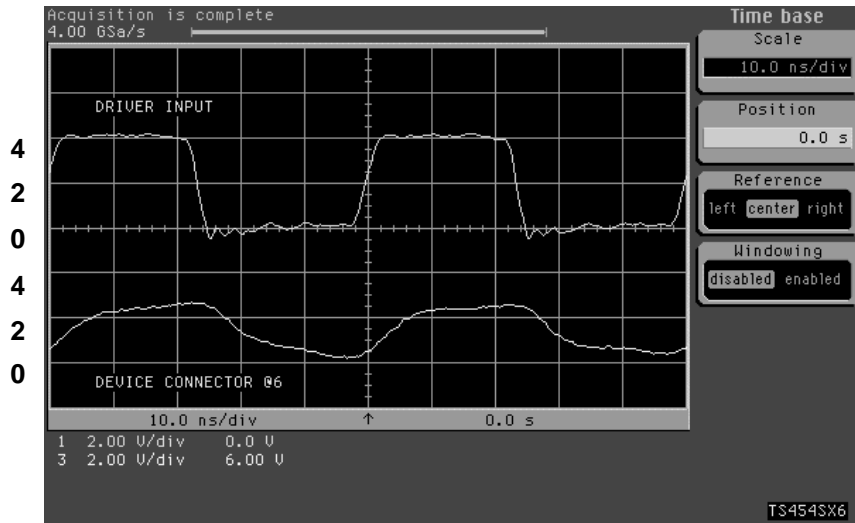
DEVICE 7 POSITION

6 5 4 3 2 1 0

DRIVER

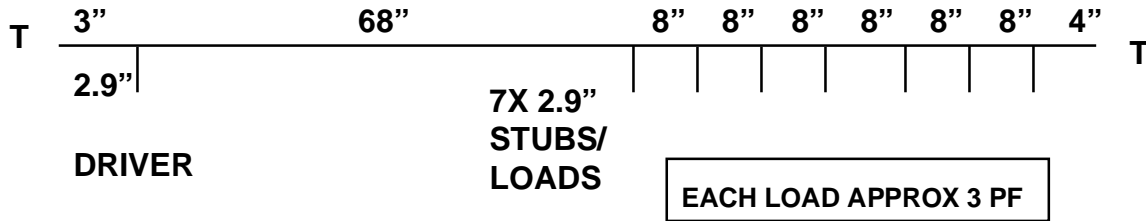


DEVICE 6



FAST 20 SINGLE ENDED SCSI

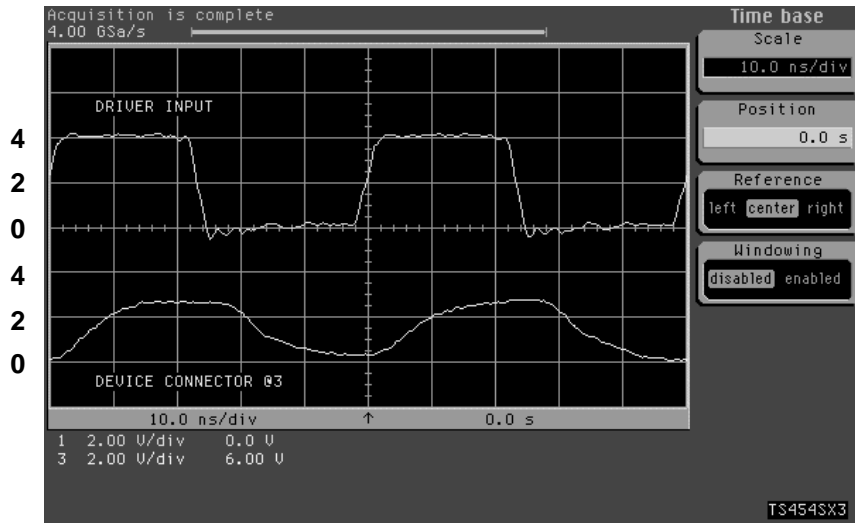
3 METERS (10 FEET) OVERALL LENGTH



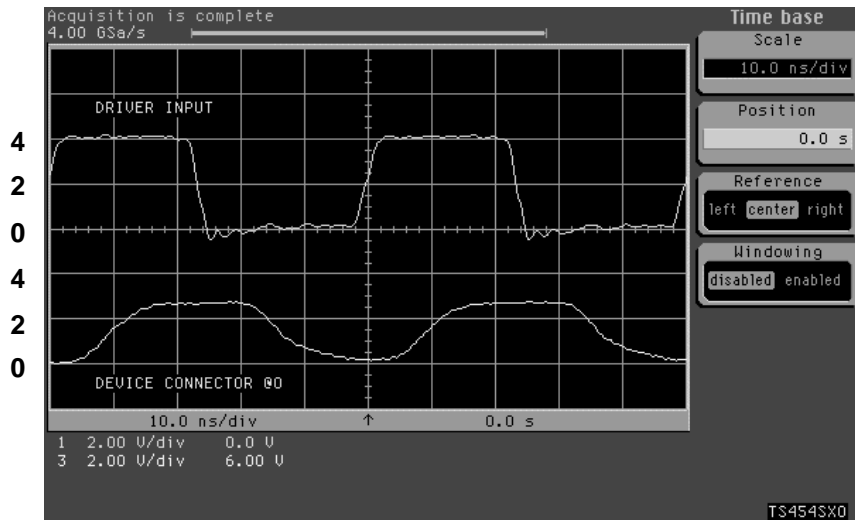
DEVICE 7
POSITION

6 5 4 3 2 1 0

DEVICE 3

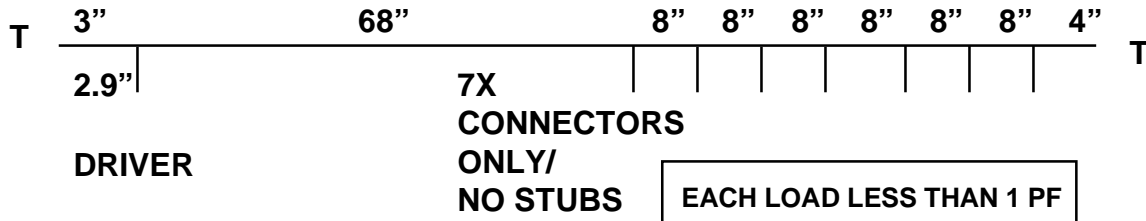


DEVICE 0



FAST 20 SINGLE ENDED SCSI

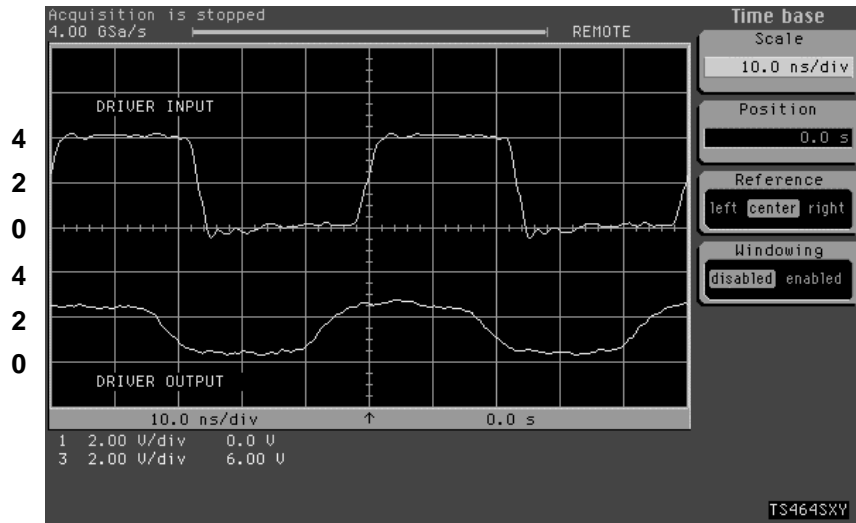
3 METERS (10 FEET) OVERALL LENGTH



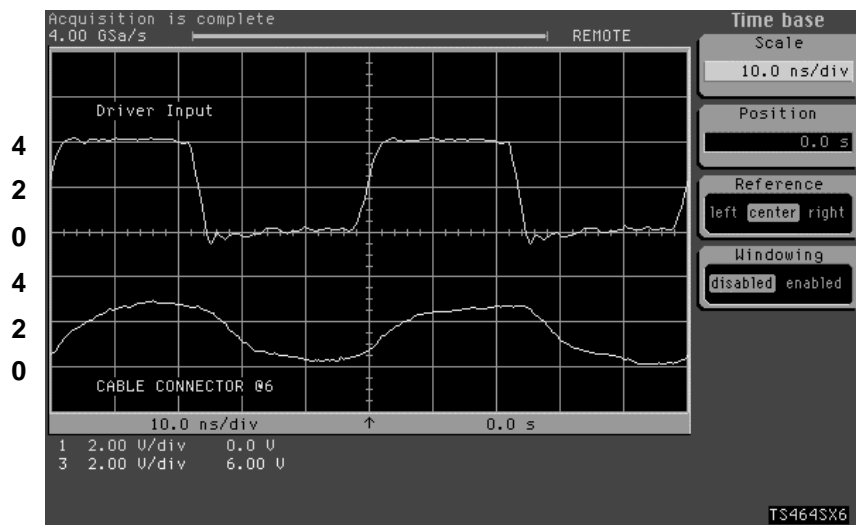
DEVICE 7
POSITION

6 5 4 3 2 1 0

DRIVER

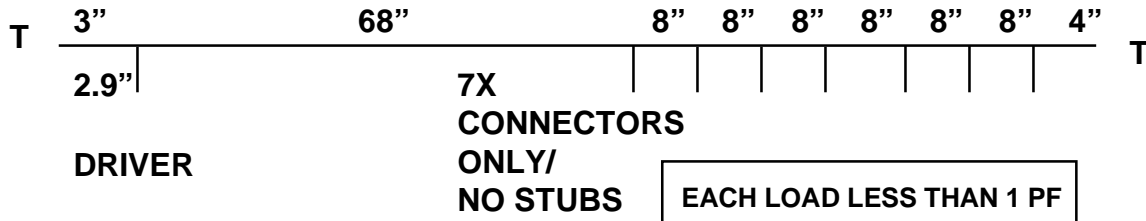


DEVICE 6



FAST 20 SINGLE ENDED SCSI

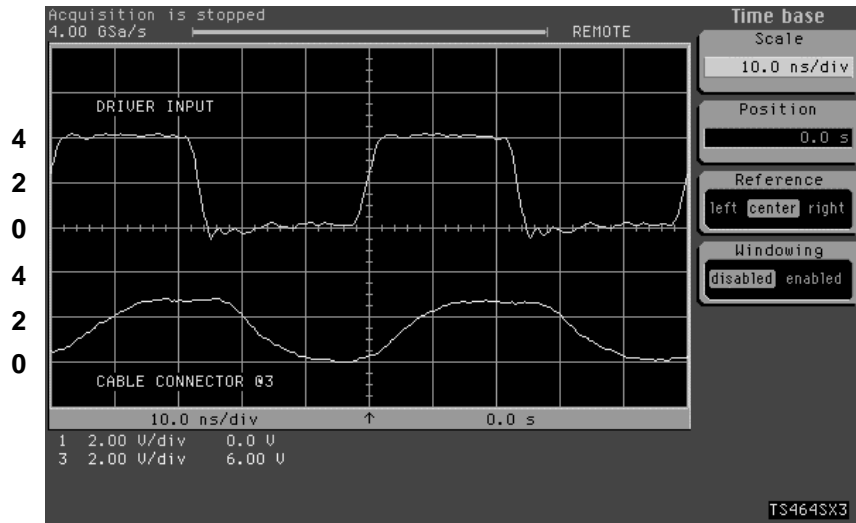
3 METERS (10 FEET) OVERALL LENGTH



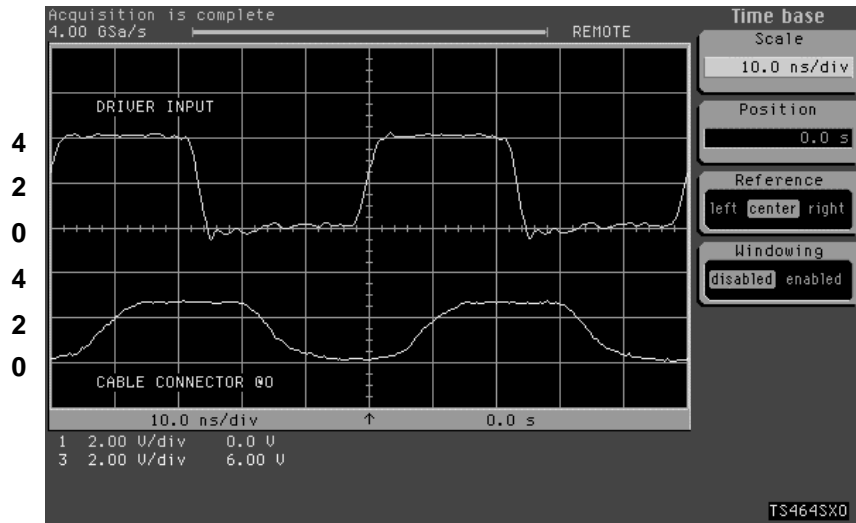
DEVICE 7
POSITION

6 5 4 3 2 1 0

DEVICE 3

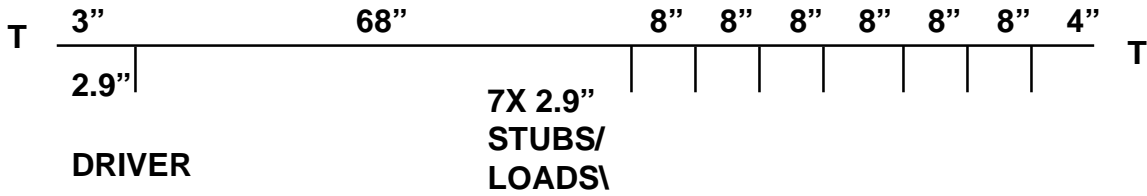


DEVICE 0



FAST 20 SINGLE ENDED SCSI

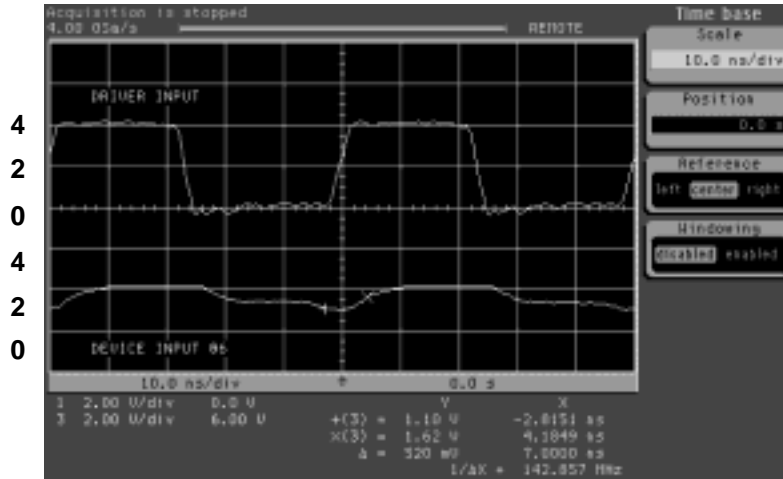
3 METERS (10 FEET) OVERALL LENGTH



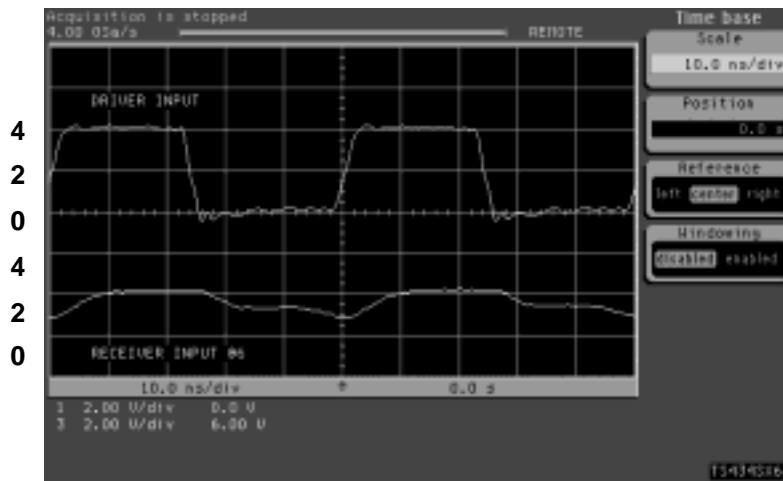
DEVICE 7
POSITION

6 5 4 3 2 1 0

25 PF LOADS



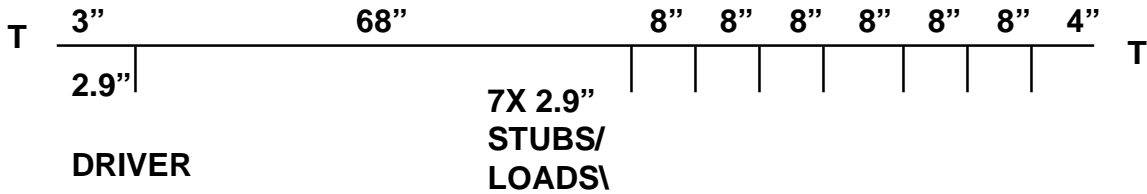
20 PF LOADS



DEVICE 6

FAST 20 SINGLE ENDED SCSI

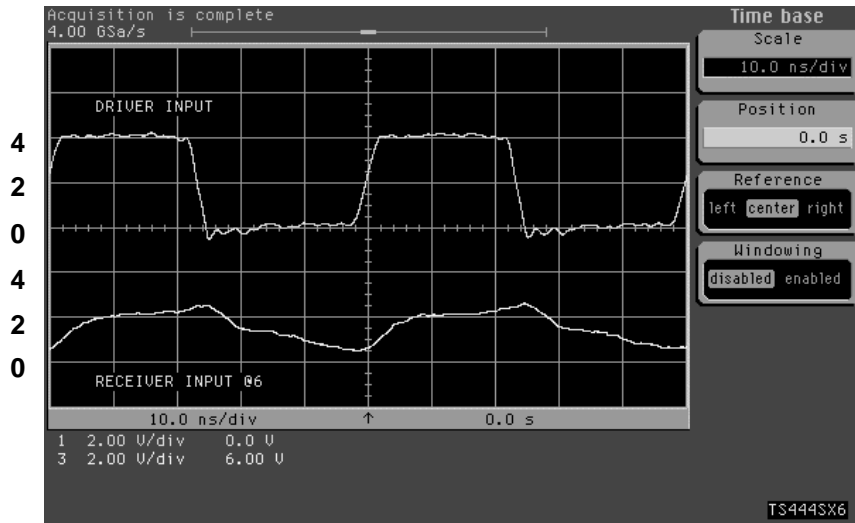
3 METERS (10 FEET) OVERALL LENGTH



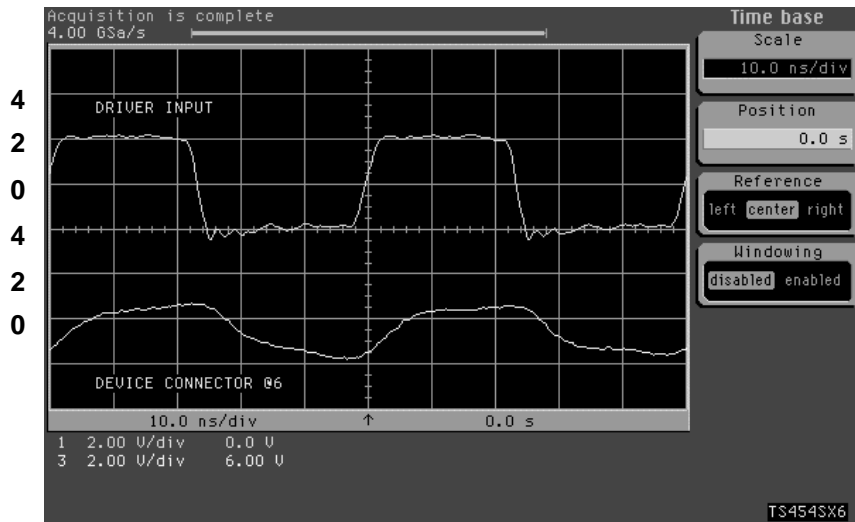
DEVICE 7
POSITION

6 5 4 3 2 1 0

10 PF LOADS



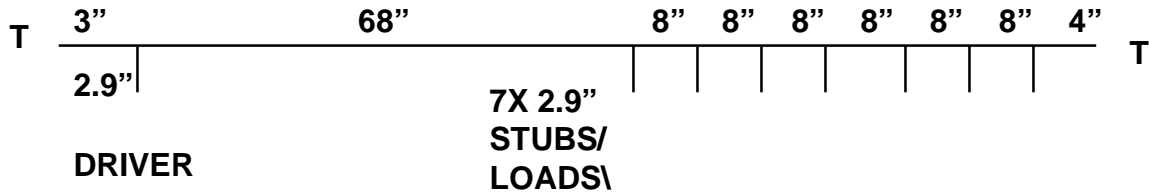
3 PF LOADS



DEVICE 6

FAST 20 SINGLE ENDED SCSI

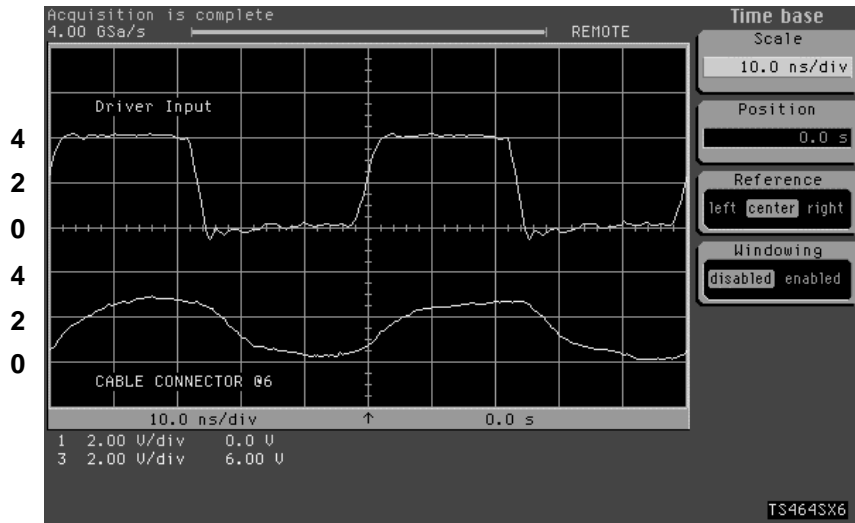
3 METERS (10 FEET) OVERALL LENGTH



DEVICE 7 POSITION

6 5 4 3 2 1 0

< 1 PF LOADS



DEVICE 6

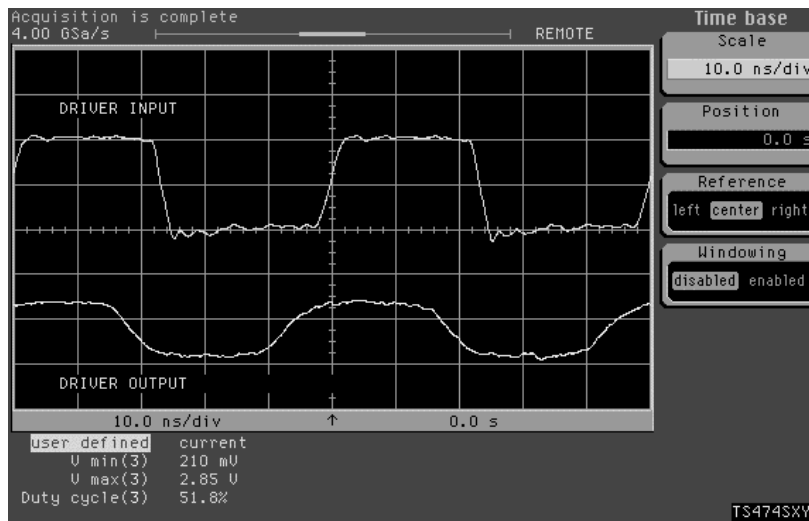
FAST 20 SINGLE ENDED SCSI

25 METERS (82 FEET) OVERALL LENGTH

T _____ T
DRIVER ONLY END LOADS FOR THIS TEST RECEIVER
SHIELDED 34 PAIR EXTERNAL CABLE

DRIVER INPUT

DRIVER OUTPUT



DRIVER INPUT

RECEIVER INPUT

