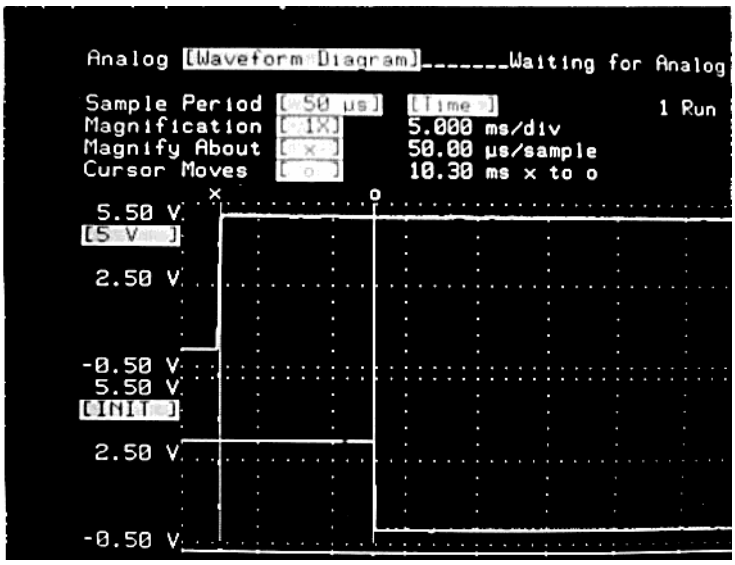
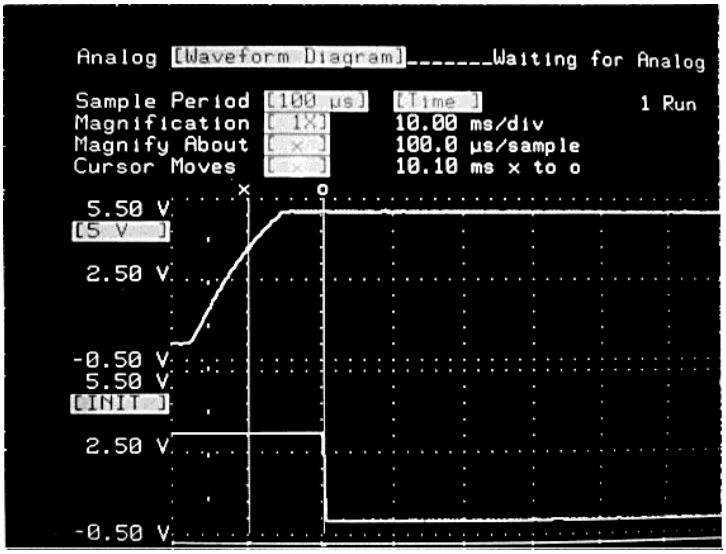
AC characteristics for PCIBX32/PCIBX64

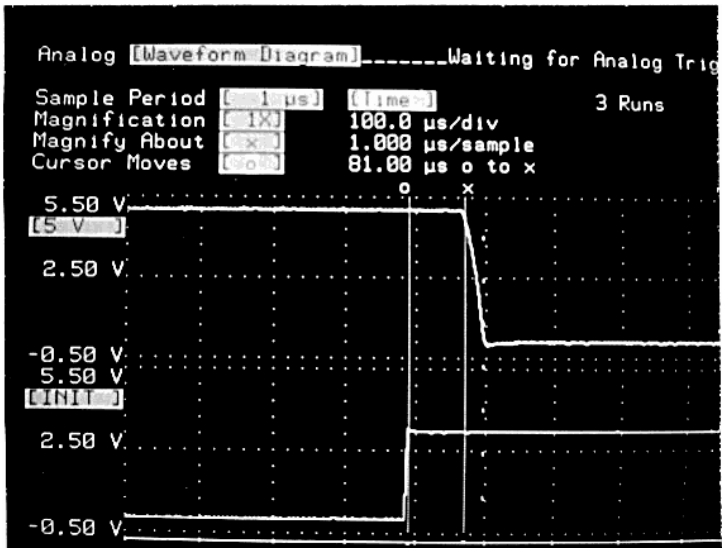
1- Initialization time between Power on to PCI connection, +5V fast ramp: ~ 10 ms.



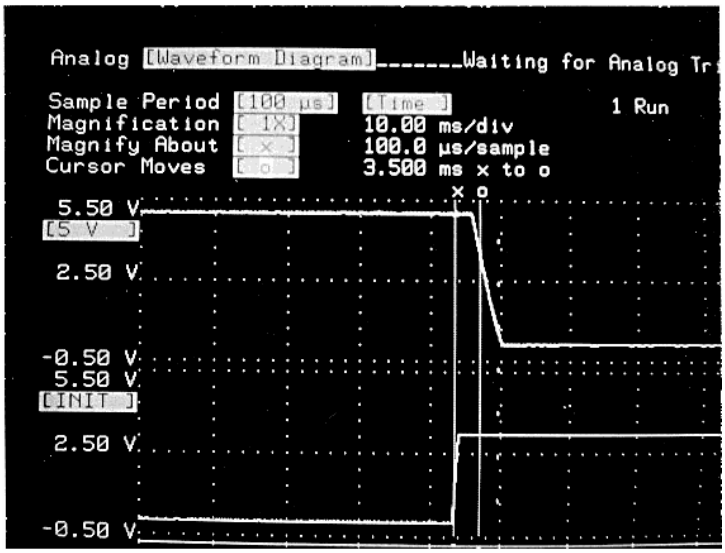
2- Initialization time between Power on to PCI connection, +5V slow ramp: ~ 10 ms



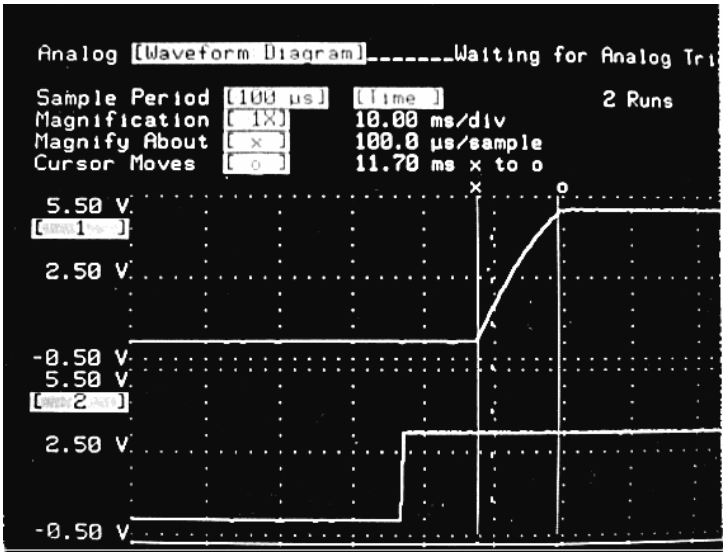
3- Time between signal disconnect to power down, +5V fast ramp: ~ 80 us



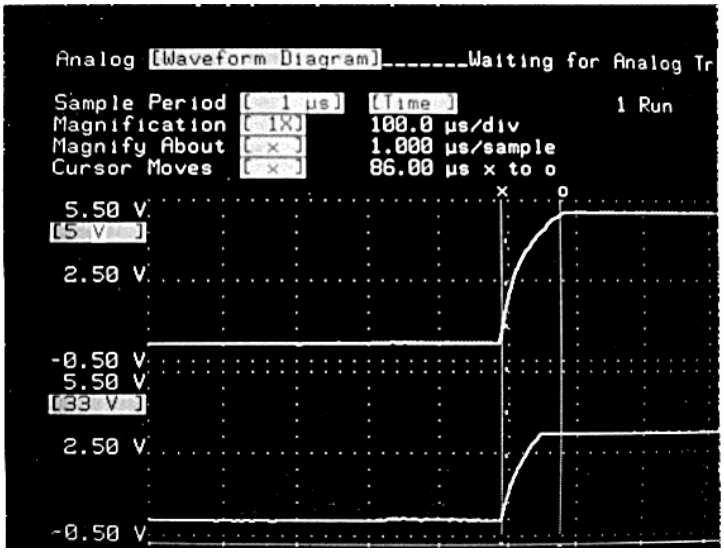
4- Time between signal disconnect to power down, +5V slow ramp: ~ 3 ms



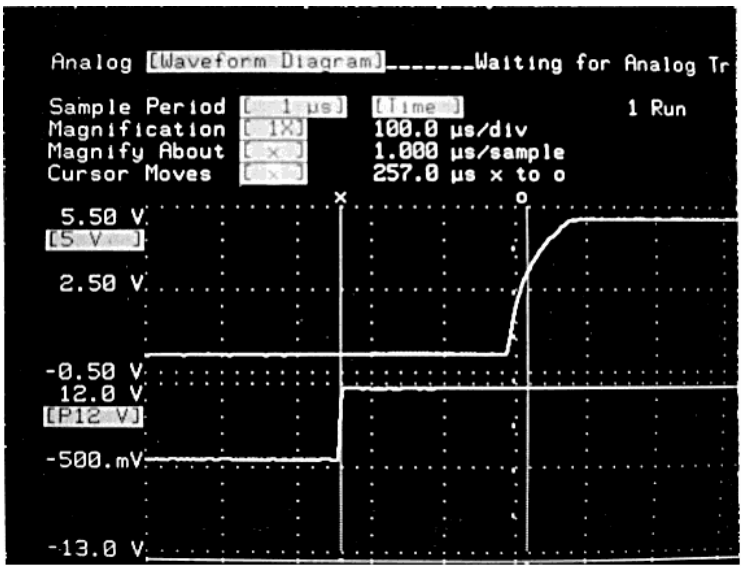
5- Power on sequence, +5V slow ramp & +3.3V



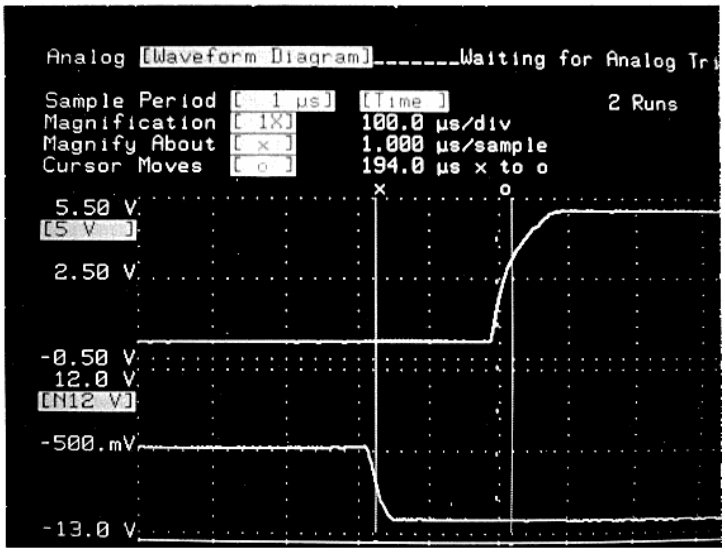
6- Power on sequence, +5V fast ramp & +3.3V



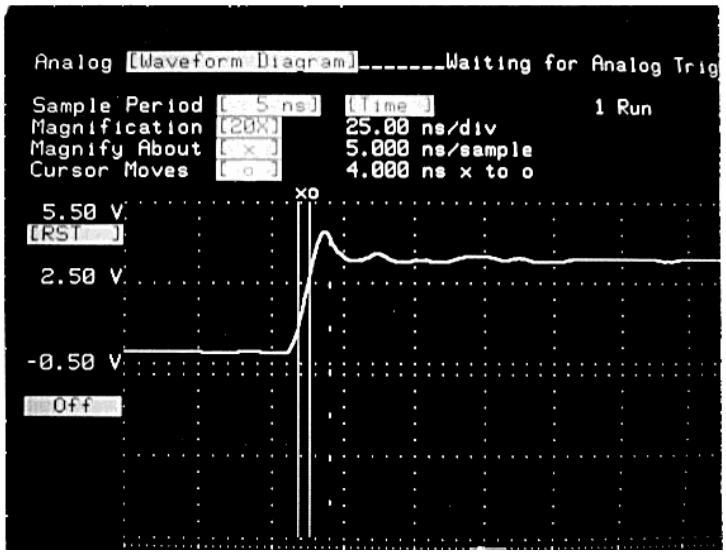
7- Power on sequence, +5V fast ramp & +12V



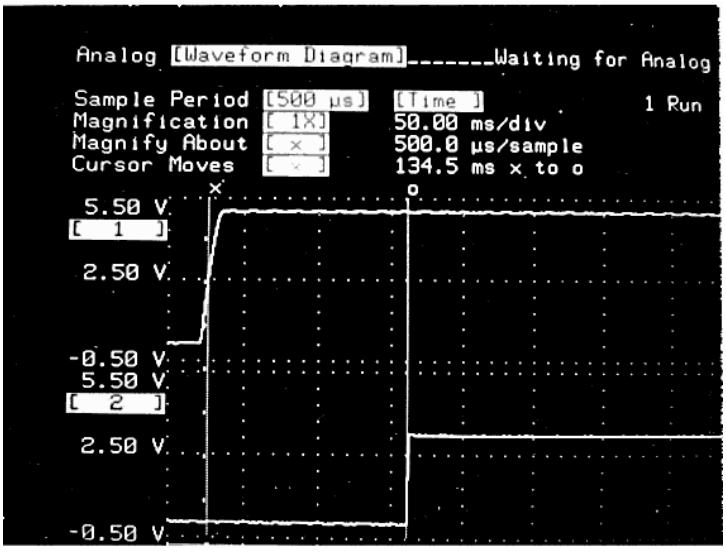
8- Power on sequence, +5V fast ramp & -12V



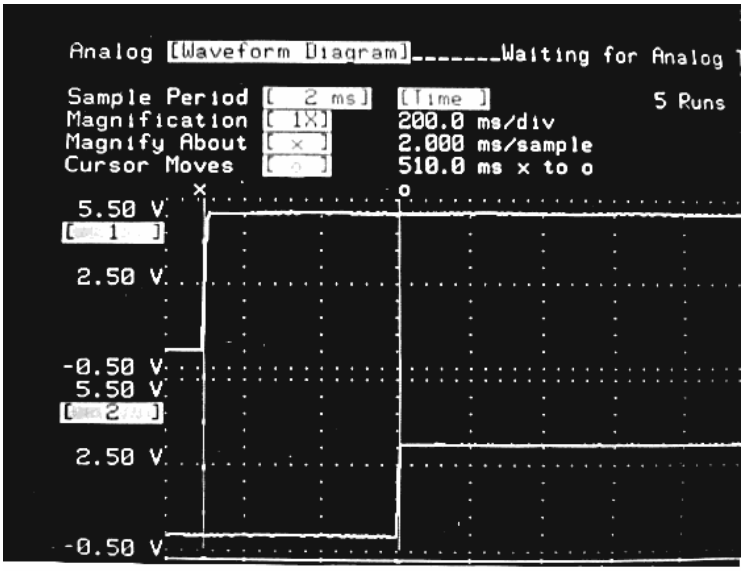
9- RST# rise-time, 4 ns



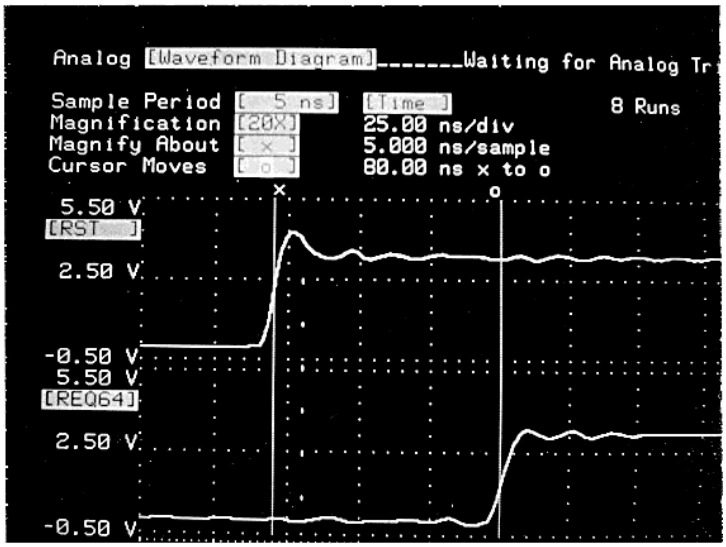
10- RST# default value, ~140 ms



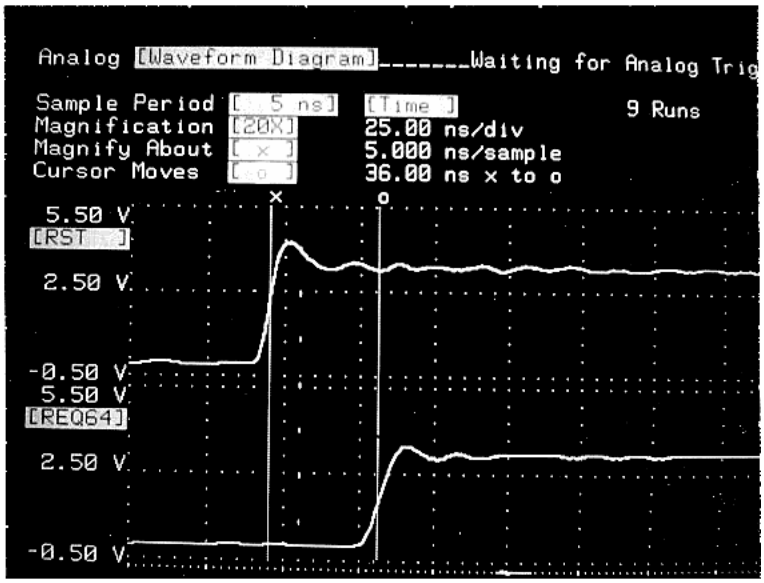
11- RST# user defined value to 510 ms



12- REQ64# generated by the extender at power on, 33 MHz

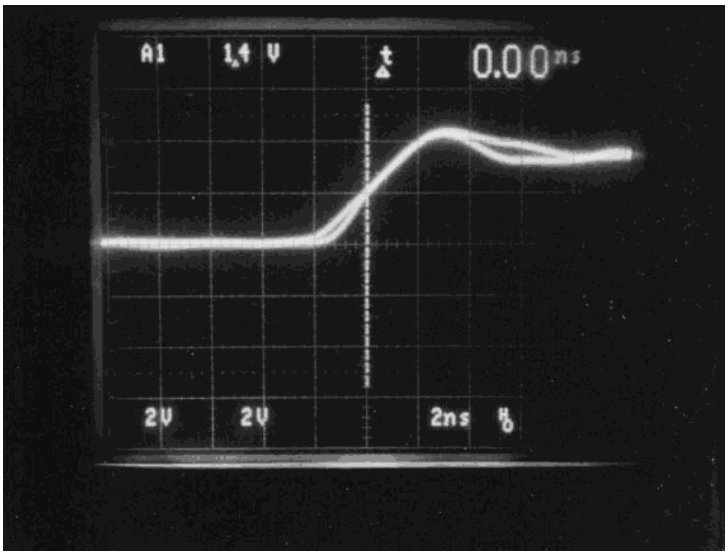


13- REQ64# generated by the extender at power on, 66 MHz

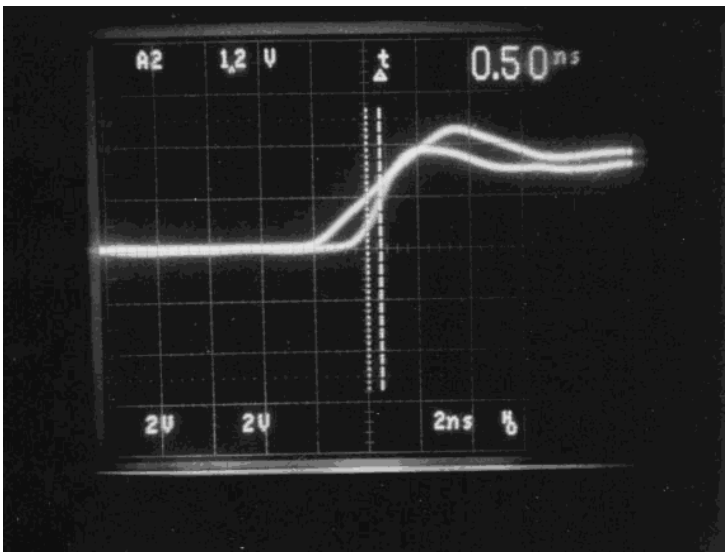


14- Signal integrity, rise-time, fall-time, overshoot, ringing.

Both scope channels at source



One channel at source and other channel at top of the extender



Top signal = top of the extender; bottom signal at the slot (ringing at the bottom signal is due to a longer scope probe)