1c. Pulse Power Tester - Operation Procedures

1) Ohm module power busses before connecting to tester power supplies, to insure against power shorts.

2) Connect module to pulse power buss block. Connect to tester (Cannon connectors) using personality harness.
   * Each module type harness has wire lengths that are tuned to match the input and output lengths of the module.

3) Apply power to the tester by turning on the Superbrain, the hard disk (if using), the tester main switch, and the pulse power supply.
   * Power is not actually applied to the module until a test is loaded, and a test sequence - Loop, Go, etc. - is initiated, but verify that the pulser voltage is turned down to mid-level before turning on.

4) Load the proper Module Test on the Superbrain, using the SynchE
   Program: SynchE B:File   Where SynchE is the Command File and is
                                    located on drive A;
                                    File is the Test Name and is located on
                                    Drive B.
   Upon loading the test, you will be asked whether a normal test, or a quick-test sequence should be run. The quick-test makes one pass through each test step, and checks upright outputs on even number clock periods, and inverted outputs on odd number clock periods. The normal test makes two passes through each test step, and checks upright and inverted outputs in the following manner:

Clock	Rcv Data PC- (1st Pass)	Rcv Data PC+ (2nd Pass)
0	Upright	Not Used
1	Inverted	Upright
2	Up	Inverted
3	Inv	Up
4	Up	Inv
5	Inv	Up
6	Up	Inv
'	'	'
'	'	'
'	'	'
77	Inv	Up

5) Set up the scope in the manner shown in Figure II-a.
   Put the test in a Loop Mode (L command), and verify that you have a scope sync on B Vertical.