

From: Jim Kurtz [<mailto:jim@echotek.com>]
Sent: Friday, December 17, 2004 10:23 AM
To: Mark Bowden
Cc: Gary J. Turchetta; Ed Richardson
Subject: RE: Warranty question

Mark,

This e-mail authorizes you to modify the boards as described below. We manufacture our boards to IPC610A Class 3 and we would expect you to work to the same standard of quality. The warranty will not be affected as long as there is no evidence of damage to the board.

Hope things are going well and that you have a happy New Year. Jim Kurtz

-----Original Message-----

From: Mark Bowden [<mailto:bowden@fnal.gov>]
Sent: Thursday, December 16, 2004 11:46 AM
To: Jim Kurtz
Cc: Ed Richardson; haynes@fnal.gov
Subject: Warranty question

Hi Jim,

We have found that that our system works a bit more reliably if we have a 50 ohm termination on the trigger input of the Echotek boards (instead of the standard 1K ohm).

My question is, will we be voiding our warranty if we add a 50 ohm SMT resistor in parallel with the 1K on each board? I guess another option might be to buy inline 50 ohm SMB terminators, if doing anything to the board itself is an issue, though that is not quite as simple a solution.

Thanks,
-Mark