

Iseg Board Layout Examination

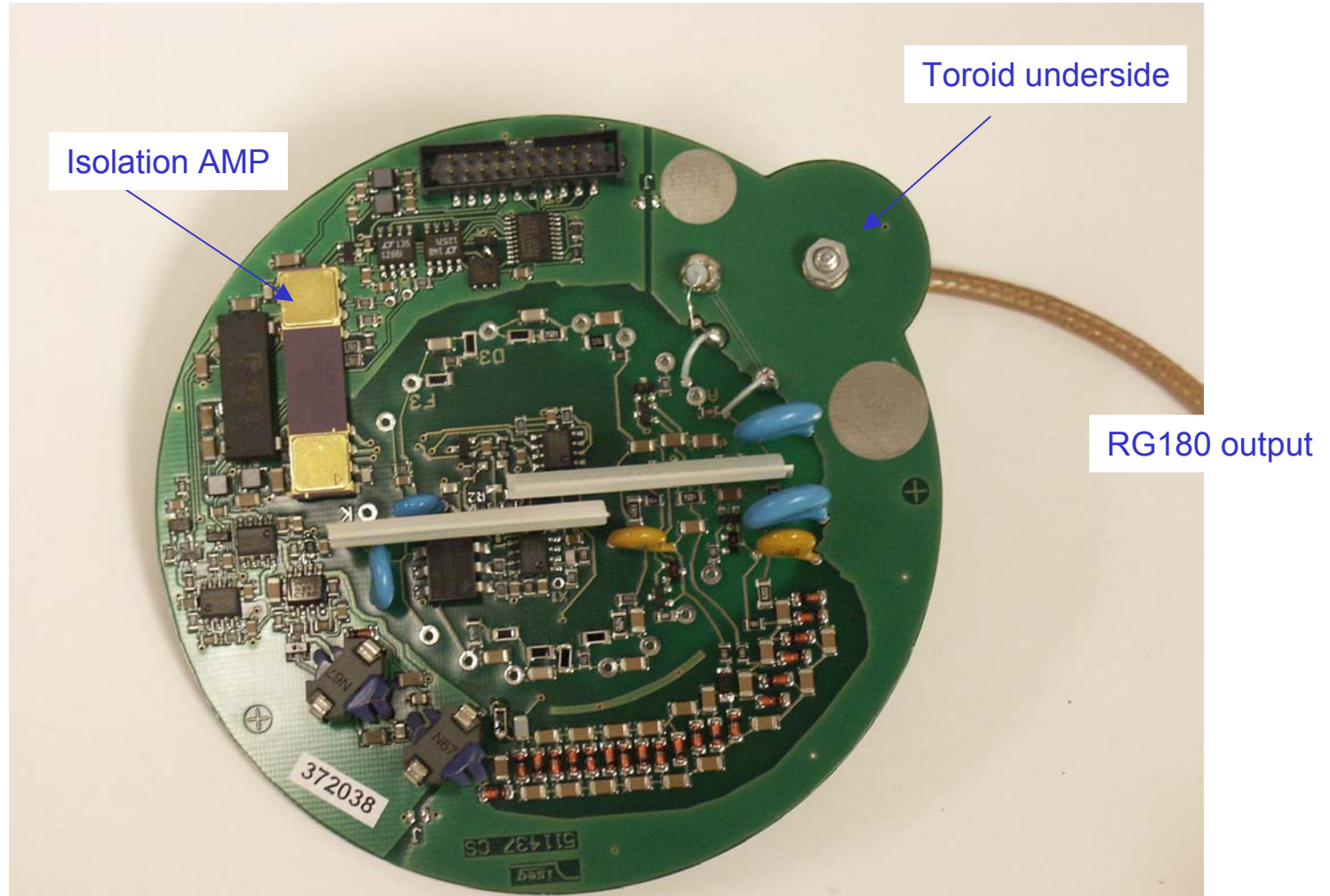
N. Kitamura

University of Wisconsin-Madison / SSEC

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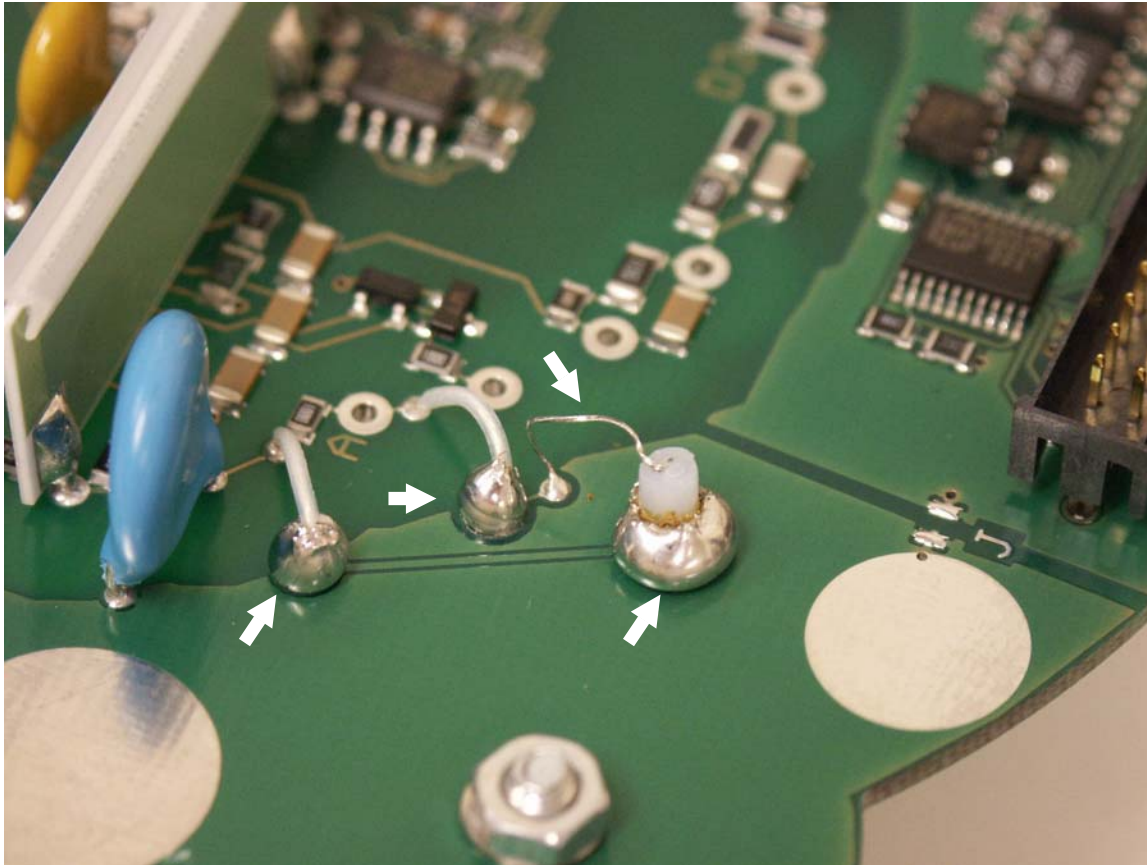
Top View

The SMT components are located very close to the PMT mounting holes.

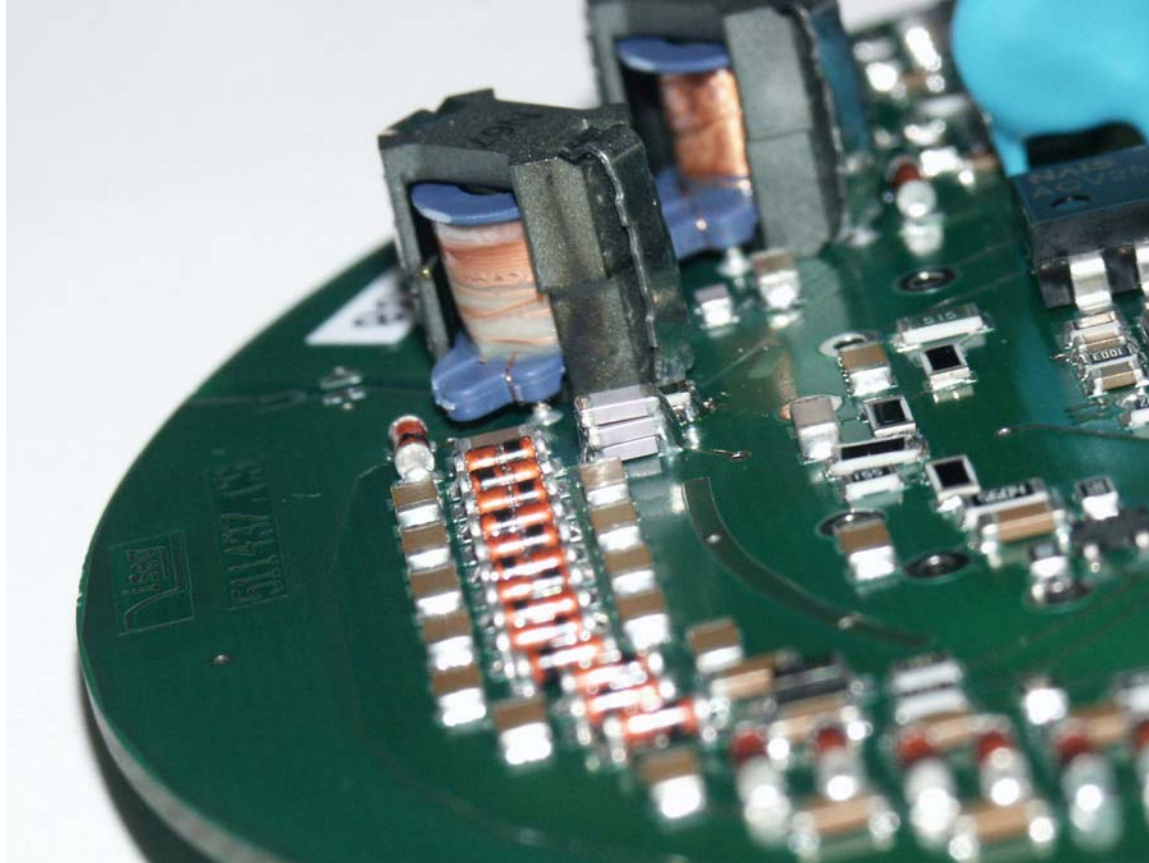


Coaxial Cable Attachment

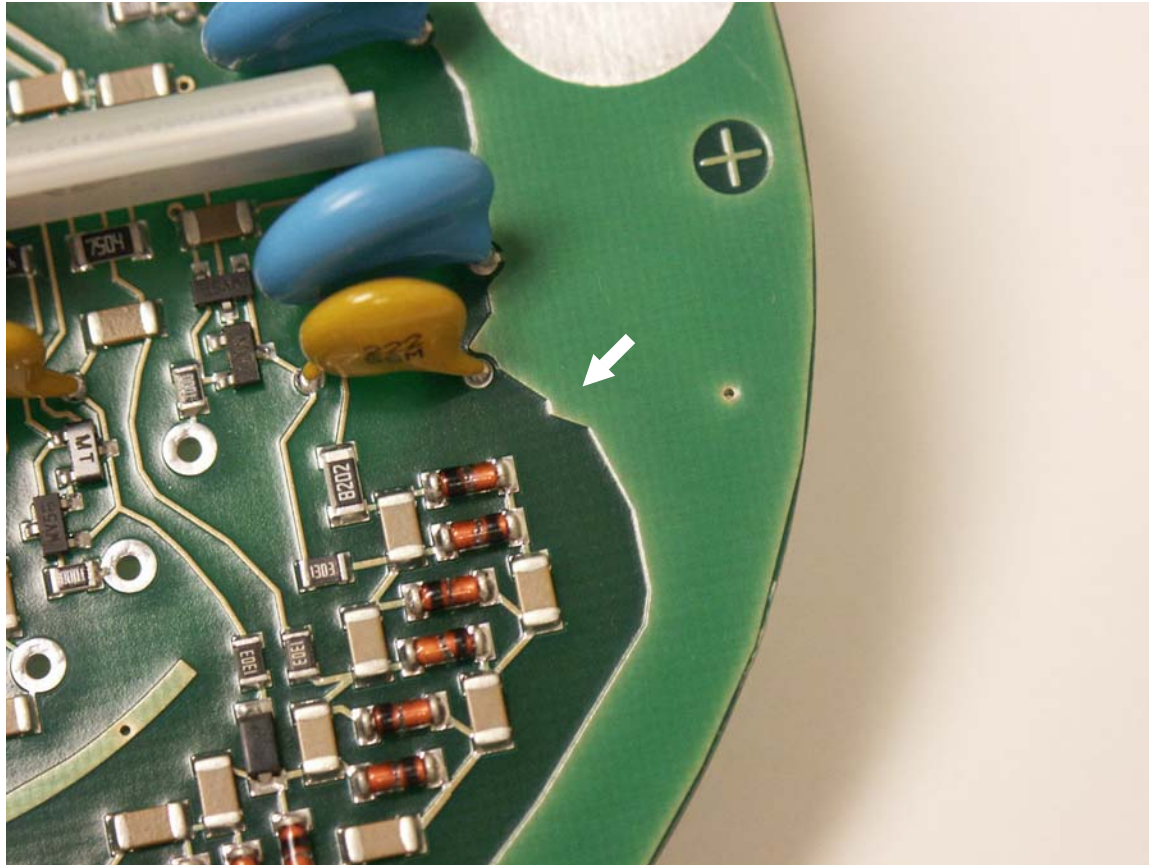
Insufficient shield-to-ground isolation.
No board wash after manual soldering.
Exposed and twisted center conductor for signal output.



Stacked SMT Capacitors



Corona Point Near the Highest-Voltage Traces



Bottom View

Numerous corona points near the PMT pins (only some of them are marked.)

