Fast signals

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Anodes layout

Nota: There is a difference in Glass and PCB thickness!
Board layout

4 different inputs tested:
- 50ohms only
- 50ohms + cap
- 50ohms + cap + diode
- 50ohms + buffer
Chip layout

Is this a poor RF design?
Anodes

Anode bandwidth seems ok.
TDR plots board

Plot of the current board connexion seen in TDR

Inductive

Capacitive

AC coupling cap value is probably too small (David)

More work to be done on board connexion
Consistent with R//RC circuit
11pf and 75Ohms

More measurements to be done