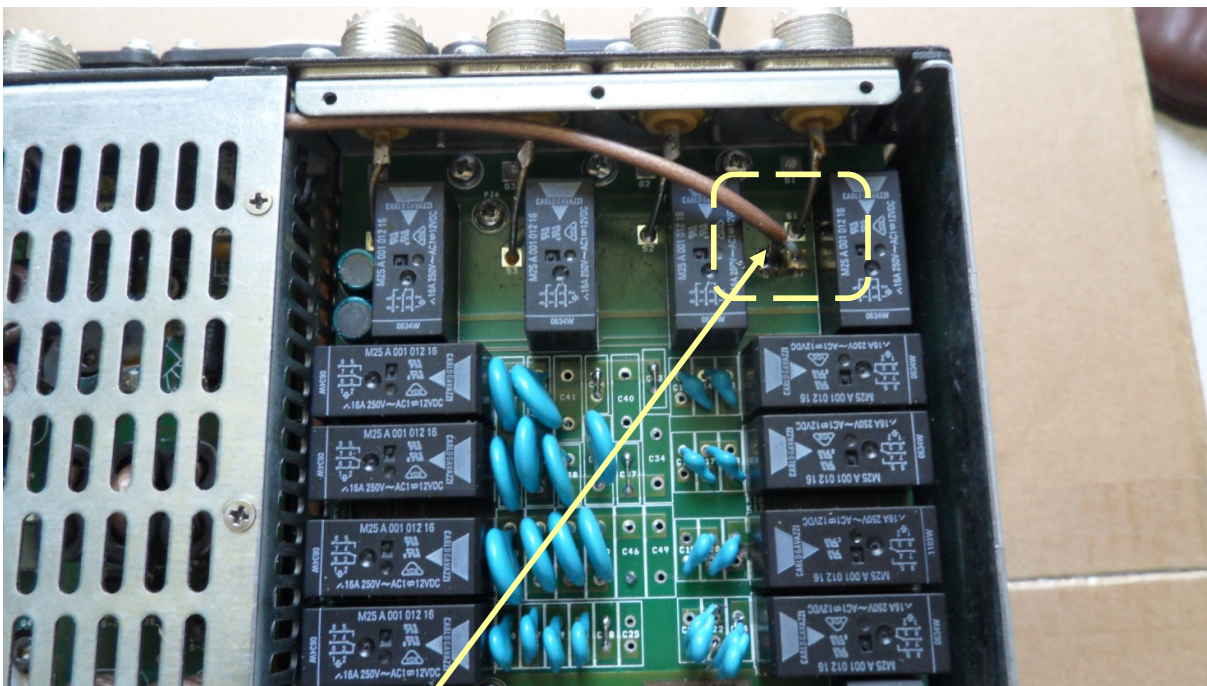


This document describes the main steps which need to be performed to remove the ATU module from the 1K-FA metal frame.

This procedure articulates through the following six steps.

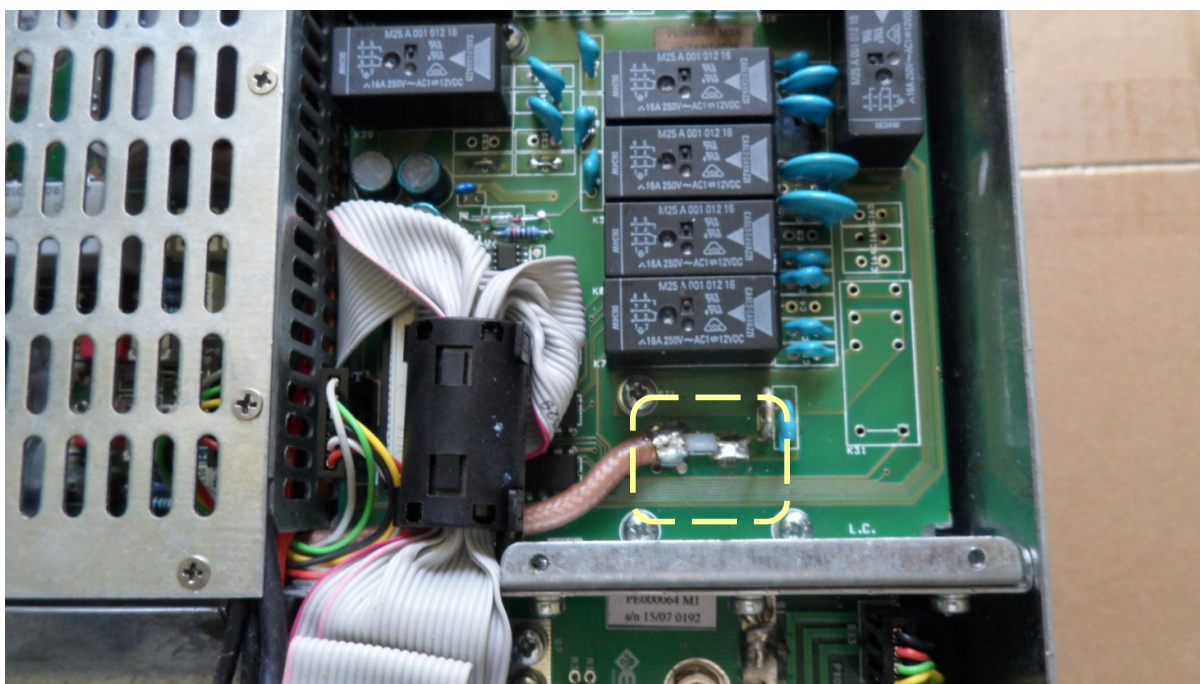


1. After having removed the top cover of the 1K-FA, take both the Power Amplifier and the ATU protection grids off in order to gain access to the underlying ATU printed circuit board. This operation can be easily performed by unscrewing all their fixing screws.



2. Then de-solder the shielded-cable shown in the picture above, being very careful with not damaging with the soldering-iron the two relays placed at both sides of the shielded-cable termination.

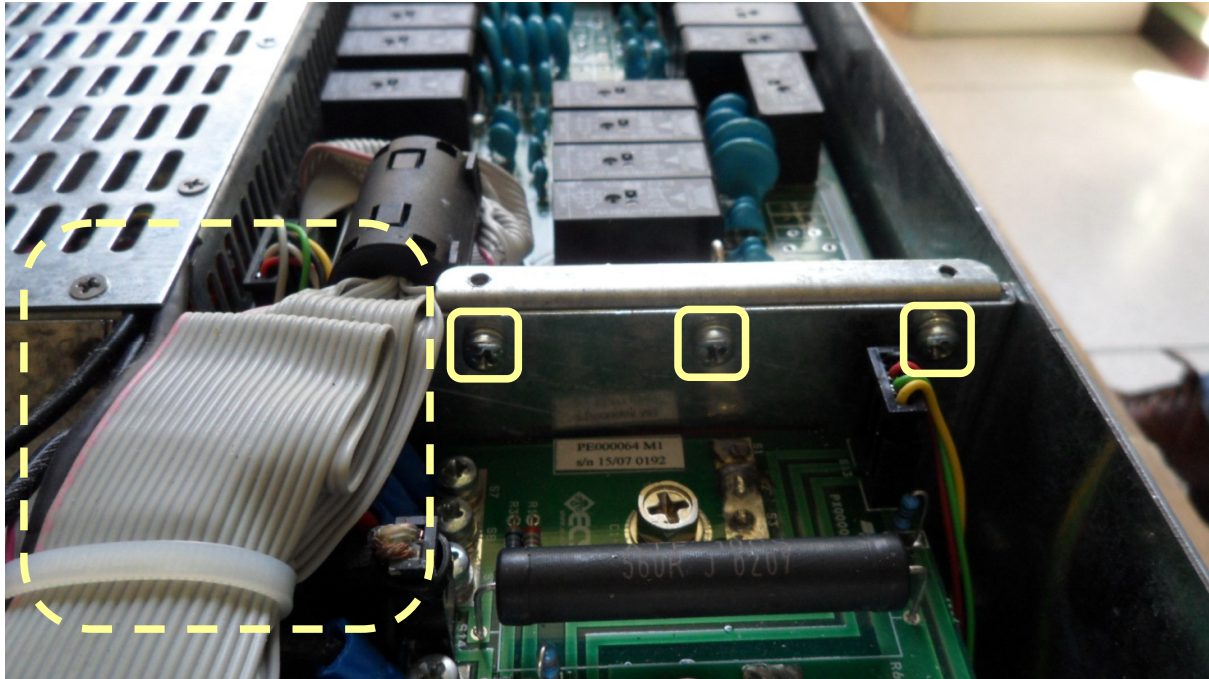




3. Repeat a similar de-soldering operation on the other shielded-cable connected at the lower side of the ATU printer circuit board, having care of making a clean operation without any relay damage.



4. Then unscrew all the six fixing screws blocking the ATU module on the rear panel of the linear amplifier.



5. Three other fixing screws are present at the other side of the ATU printed circuit board, and the need to be completely taken off to remove the ATU module.

6. Once the ATU module has been disengaged from its mechanical frame, it can be extracted and taken off from it by simply detaching its three flat-cable connectors which are placed on both upper side (2 pcs.) and bottom side (1 pc.).