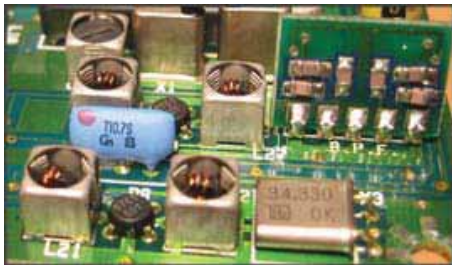


IF Output for AOR-3000 receiver to drive an SDU quick and dirty Version 1

By Markos "satcommunitfive"



The finished mod showing the broadcast band 9Mhz span



The 10.7Mhz IF we will grab.

It does load down the IF slightly it seems. It needs a Amplifier in line. There is another mod that steals the WBFM circuit full time. But the Instructions for that were crap and hard to follow. This mod will get you going.

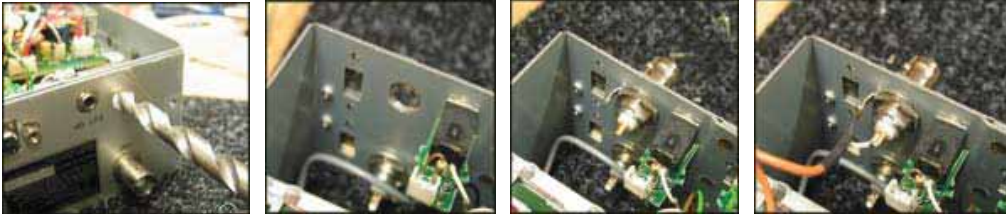
OK off we go.....

Take the both halves of the clam shell case apart. -carefully undo the speaker plug
Add the BNC connector drill out to suit.-cover the circuit to stop swarf

Arrow shows were to drill a hole for the BNC connector



Drill and mount the BNC connector



I used a neat pre-made coax from some junk I had. [Orange cable]

Undo the small coax connectors, label with a perm marker so you can put them back
[3 small coax and one 2 pin connector] use small pliers.

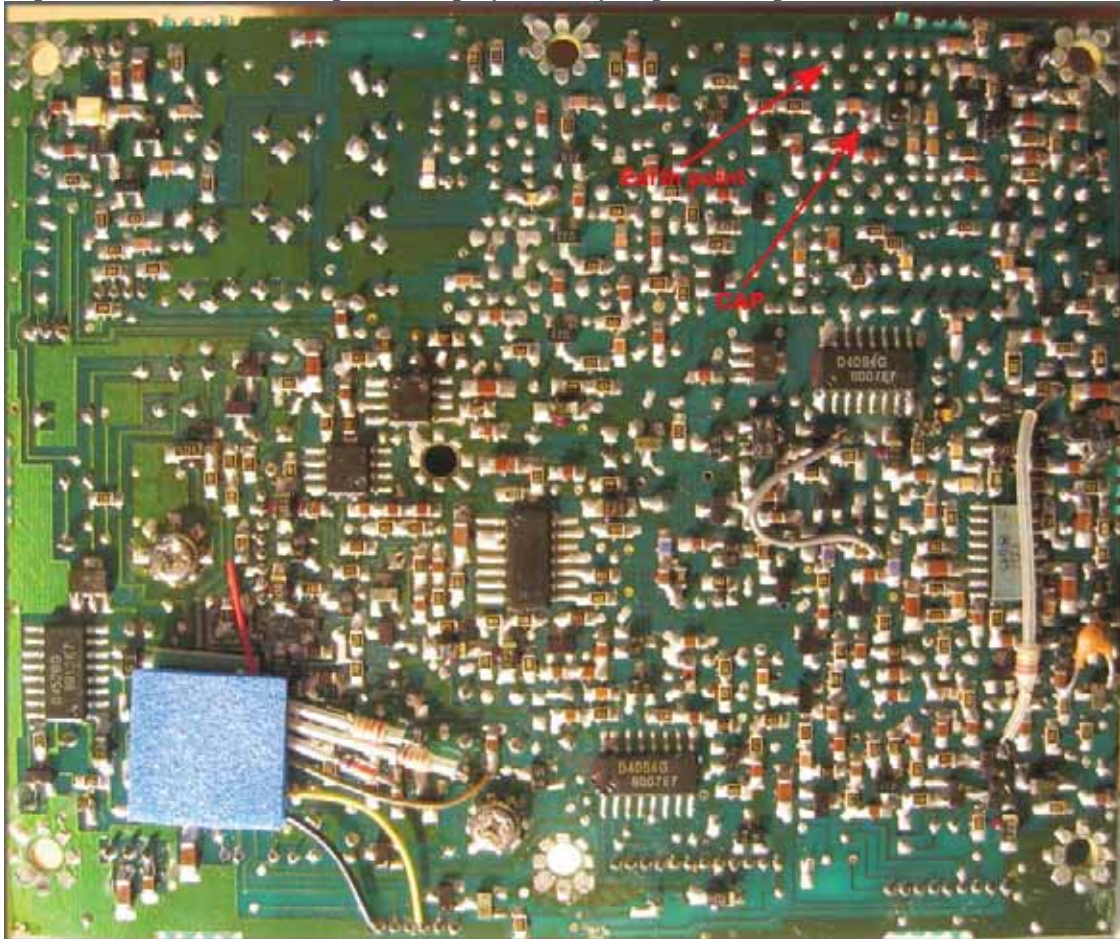
Remove the six screws

Flip the IF board over to get to the SMC side.

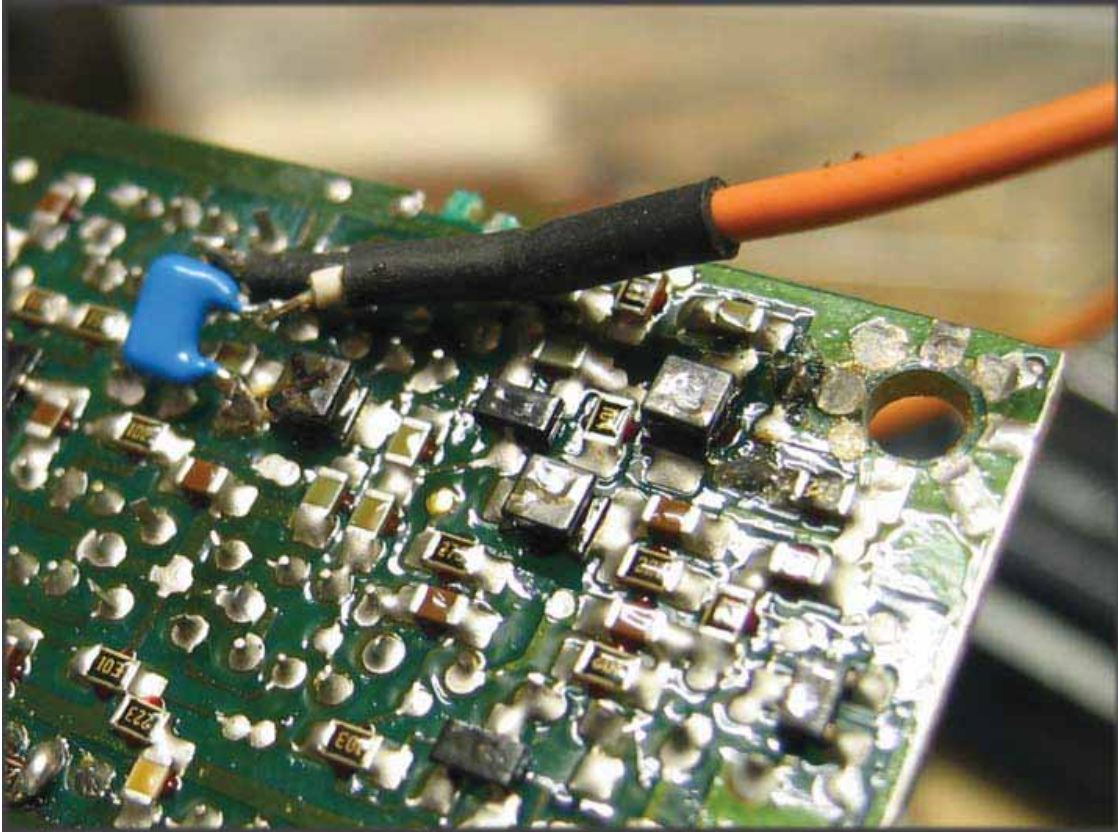


We will put a small cap around 1000pf or so to an inductor and the coax braid to an earth point [the cap is in series with the centre conductor of the coax]

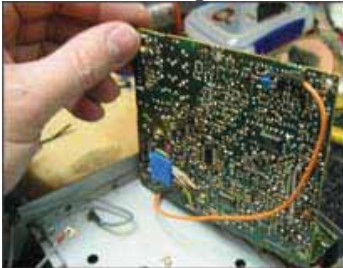
A picture of the IF board [points display where you put the cap]



Solder the cap inline with the centre conductor be careful not to short any other points.



careful not to squash the lead when you screw the board back down



The result.... grab of the SDU-5500

