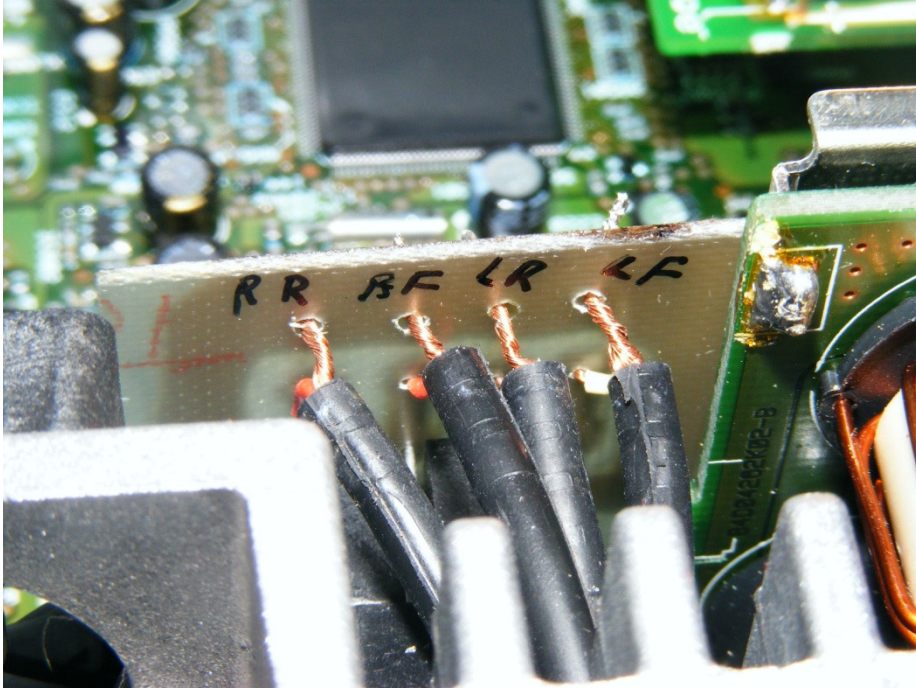
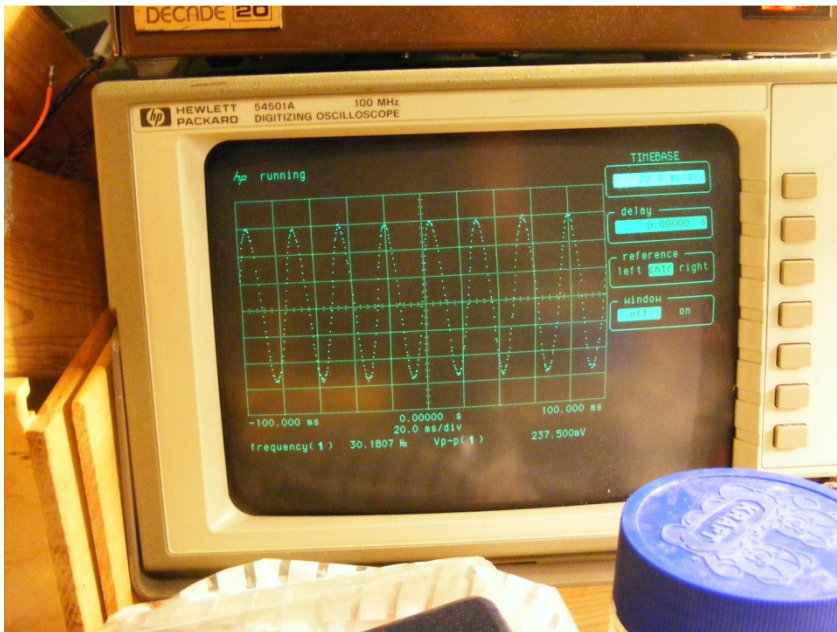


Next I soldered the RCA cables to the PC board.



Did some testing with a test tones CD that has tones from 10 Hz to 20KHz on my trusty HP Digital scope! (I worked for HP/Agilent for 25 years) This was not a max output test but more of a frequency response test. I was worried that the DSP 5 band equaliser was programmed for the car, but it was pretty flat apart from a minor hump at about 60 Hz. I then measured a maximum of 450mV rms out of the RCA jacks, and that corresponded to 6V rms from one PA output into 4 ohms, which equals 9 watts. I don't know if this is just the way the gain is setup to limit the maximum output to be undistorted or if the PA sent a limiting signal. The radio has a 10 amp fuse, so I doubt that the PA chip will actually put out 4x 25 watts continuous! The pic below is just a random measurement at 30 Hz



And the final result (don't forget to put more heat sink compound on).

