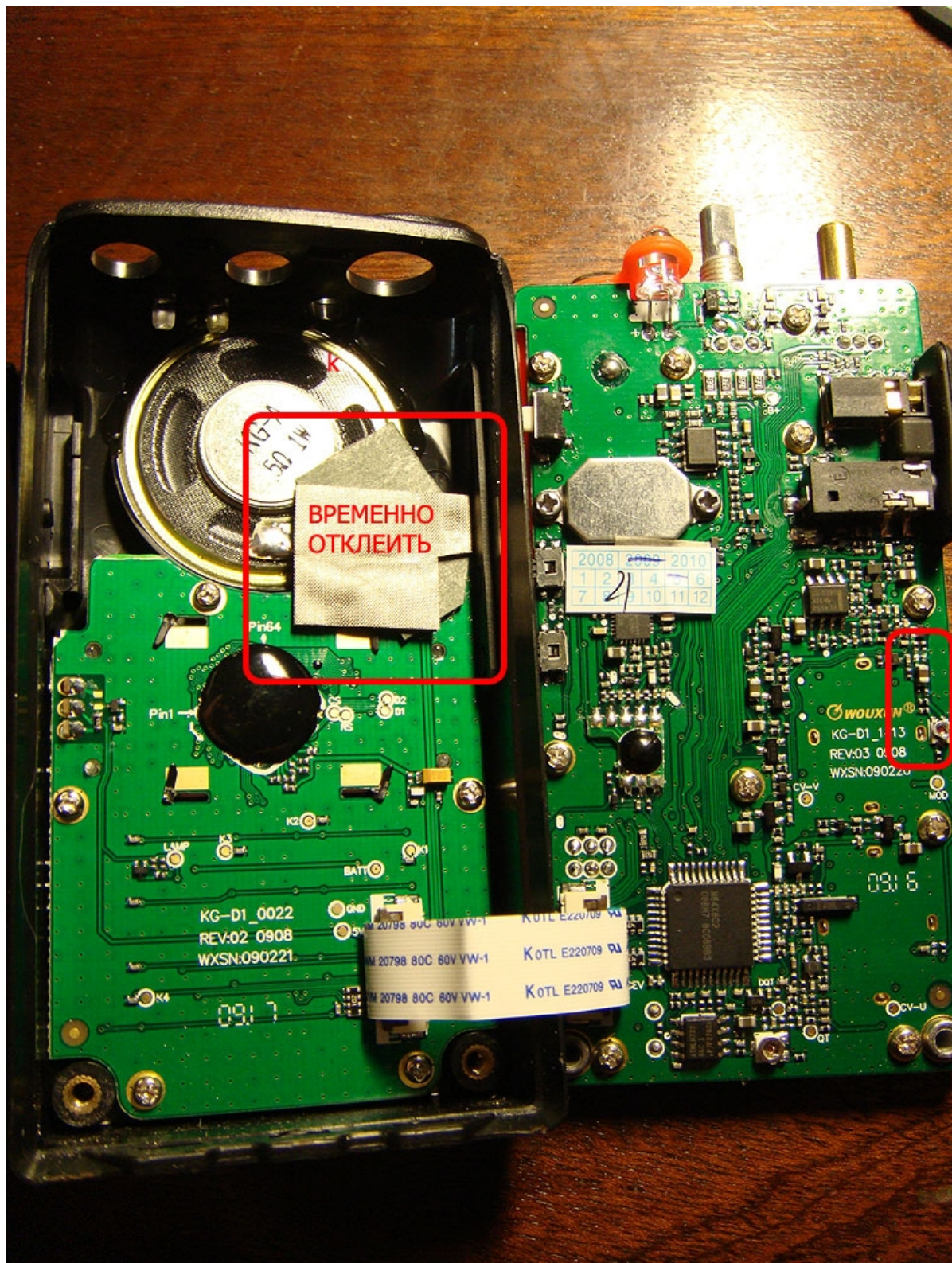


# WOUXUN KG-UVD1 modulation MOD

Makes modulation more brighter and louder .

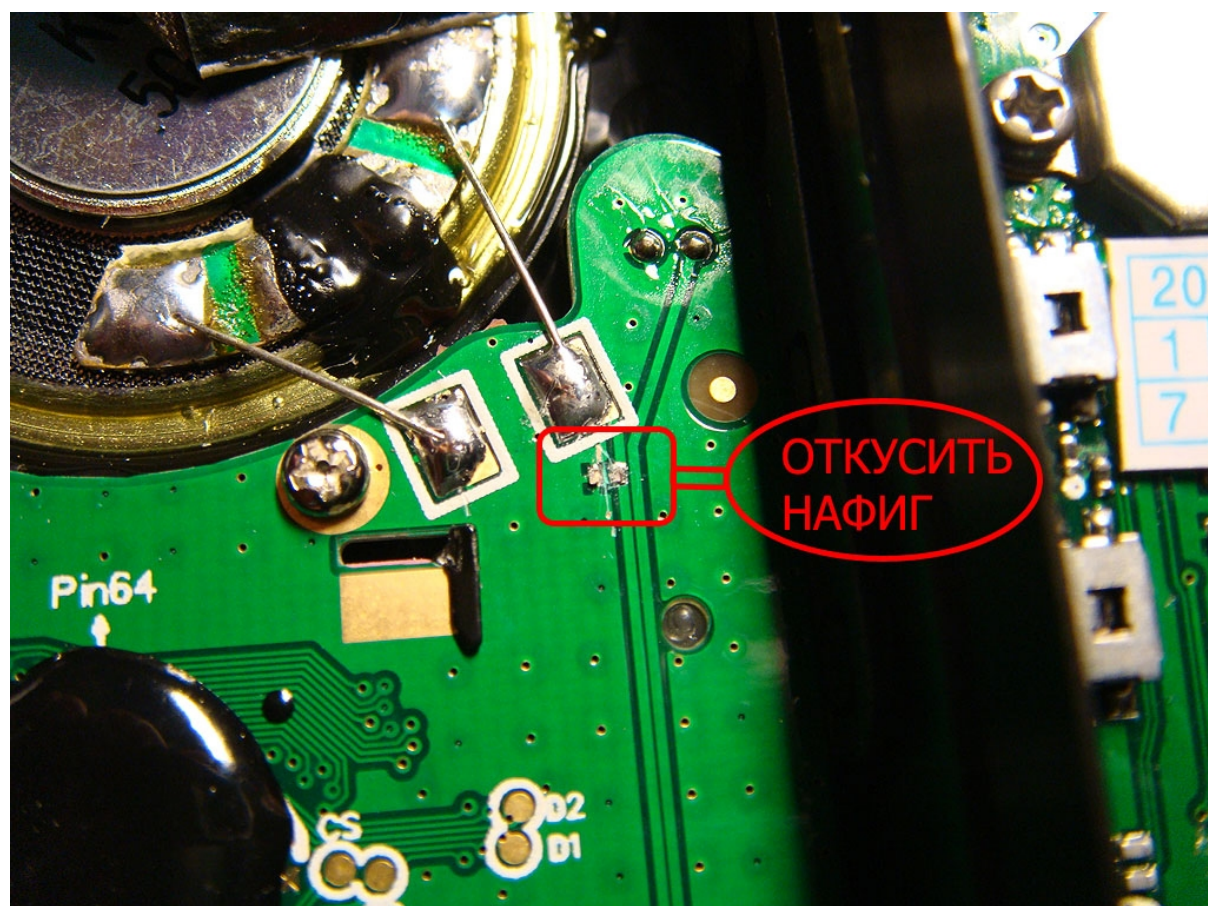
1. Disassemble radio removing antenna, volume and encoder knobs and unscrewing two HEX-nuts at the back bottom of radio.
2. Pull out whole frame using flat screwdriver from the bottom side. Don't forget to detach protective rubber cover of MIC/SPEAKER jacks first.



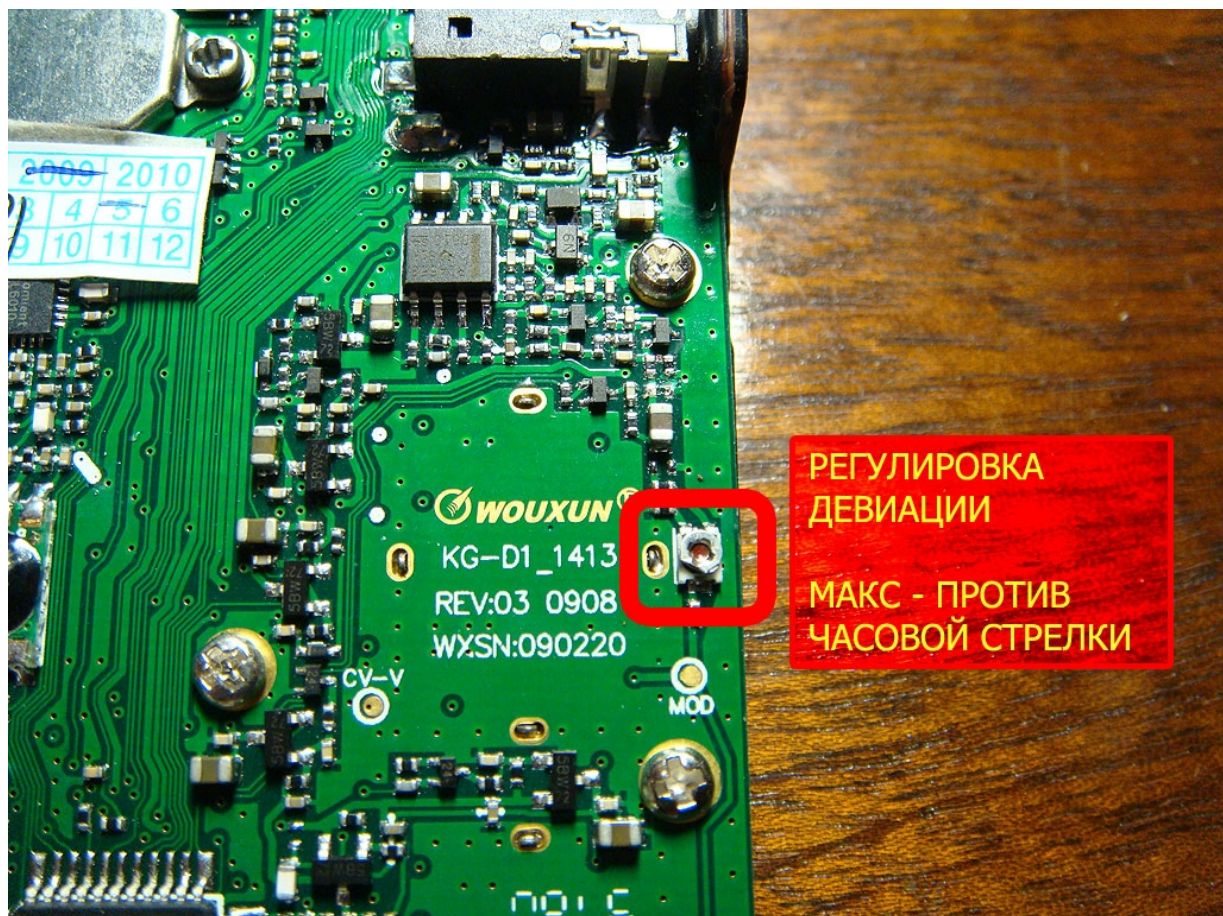
3. Temporary remove protective tape from the PCB:



4. Cut or unsolder small SMD mic blocking capacitor:



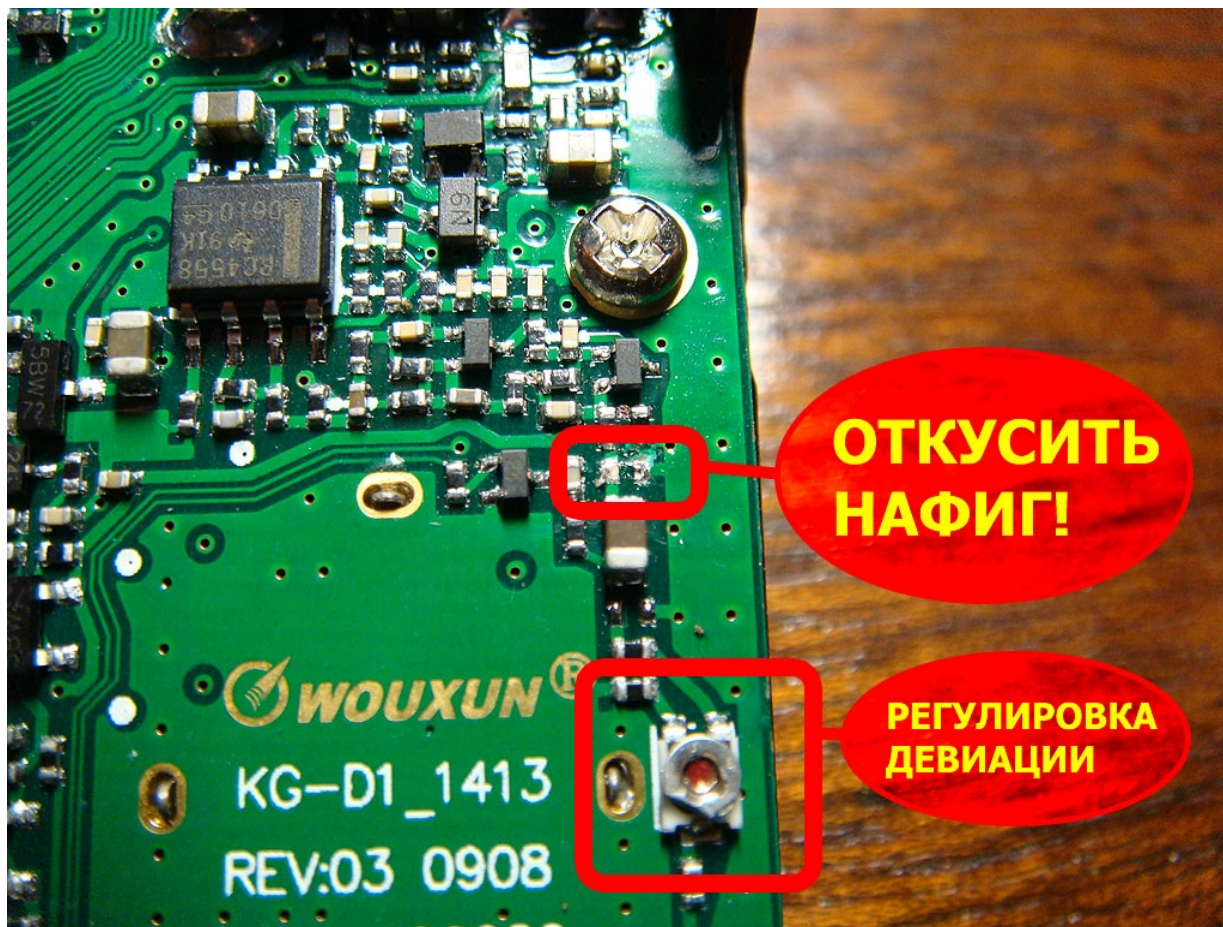
5. Apply back protective tape to its original place.
6. On the right (main) PCB locate small trimmer above the «MOD» testpoint:



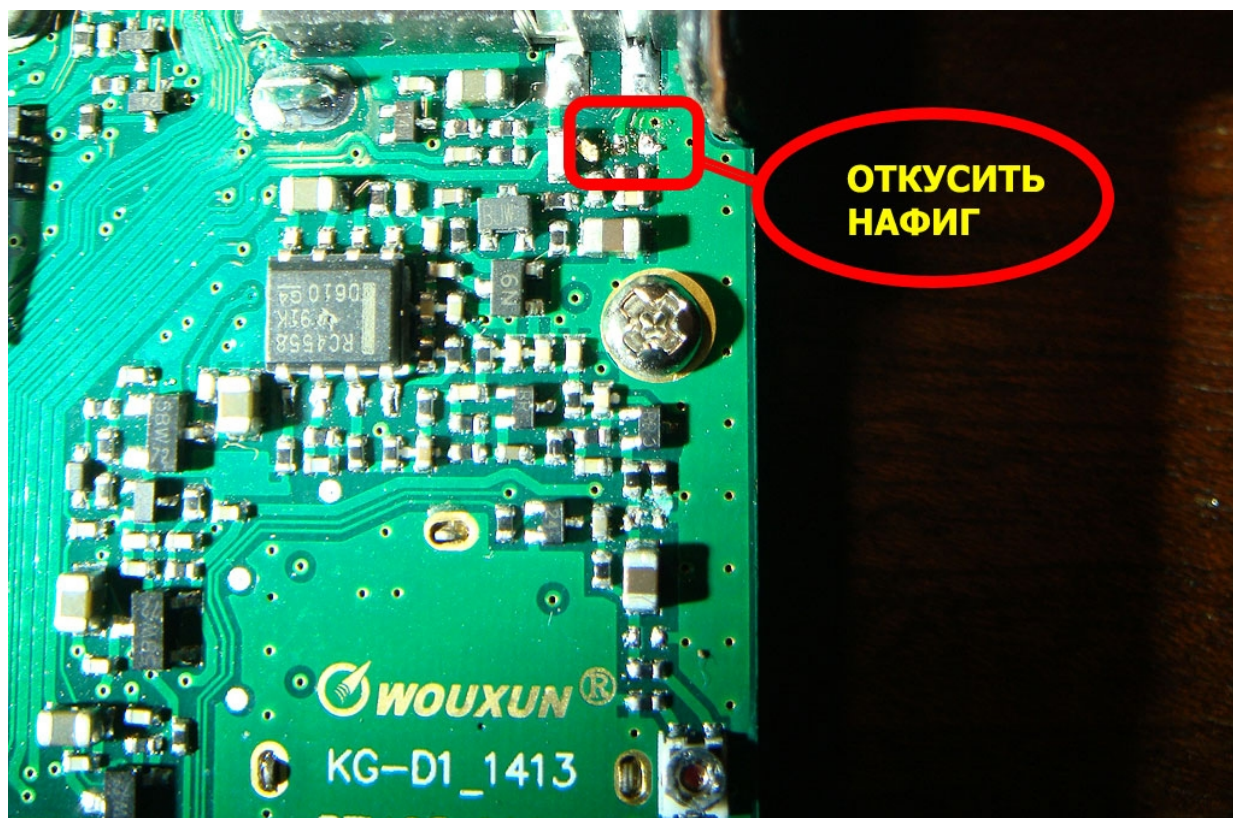
7. Adjust deviation according to your needs. I recommend to set MAX deviation (turn the trimmer counterclockwise until modulation disappears, than turn back a little bit to catch maximum deviation position).

**NOTE: Don't forget to attach antenna or dummy load to the Antenna jack otherwise you can burn the finals of the radio during transmission, especially if your Power option is set to High.**

8. Locate and remove (cut or unsolder) small SMD blocking capacitor in the first stage of mic preamp filter:



9. Locate and remove mic blocking capacitor below the external MIC/SPEAKER jacks:



10. Reassemble the radio.

Now you'll have more brighter and louder transmitting audio with more highs accented.

**NOTE: I'll take no responsibility for any loss or damages to your equipment if you apply this mod. Please remember that you'll also loose warranty for your radio if you decide to apply any modification of internal components / adjustments.**

With best regards,  
Sergey (Vegas / RZ3DFH)  
29 August, 2009