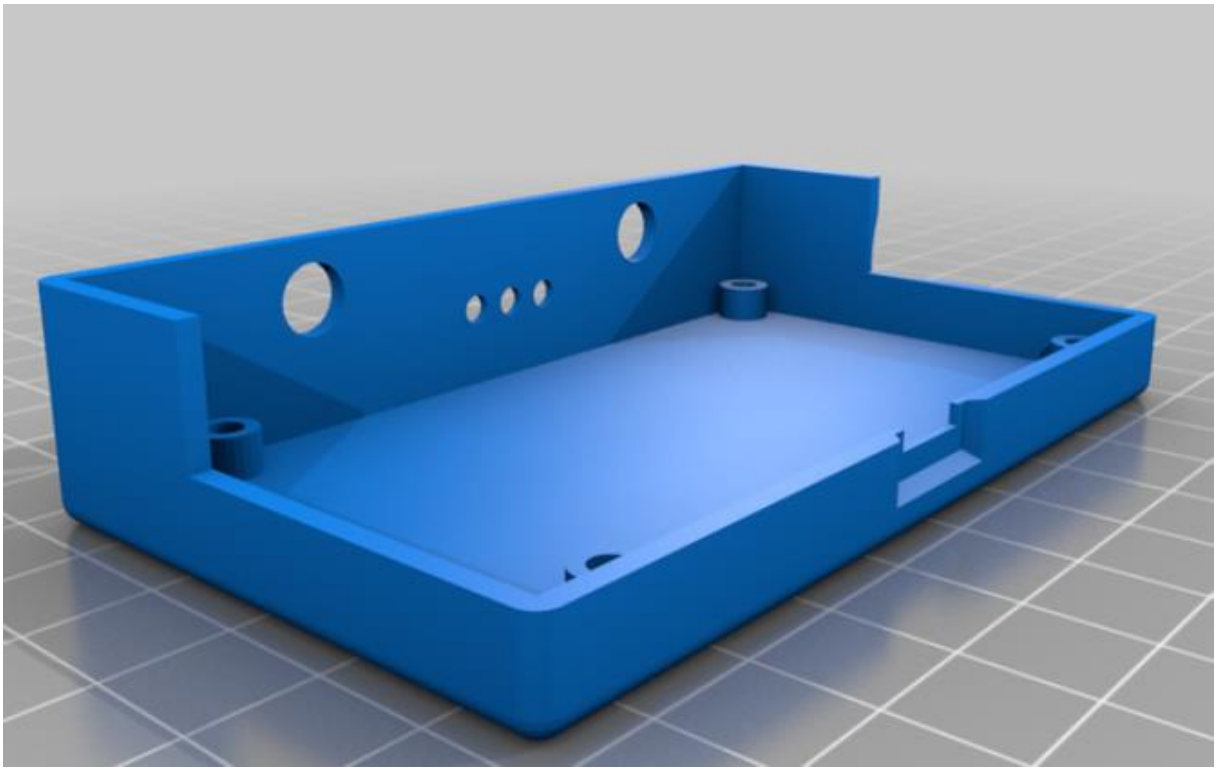
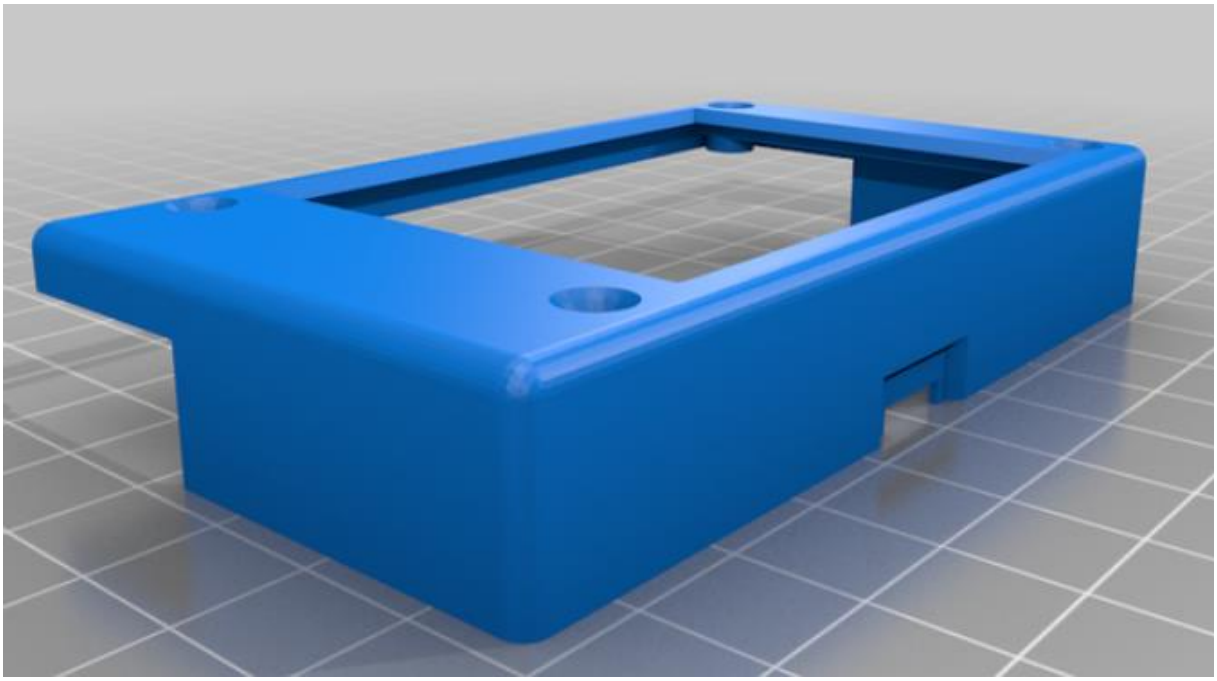
A 3D printed encasing for the NanoVNA V2

Matthias, DD1US, June 24th 2020, rev 1.0

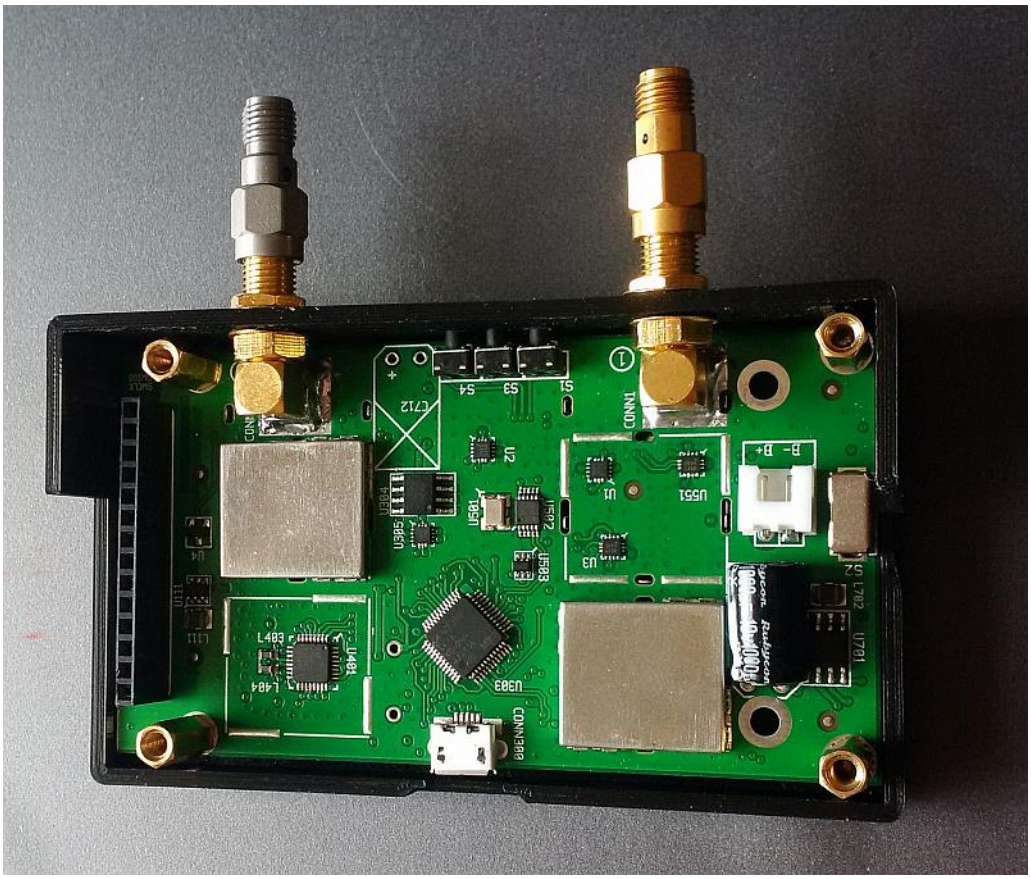
Looking for an encasing for my NanoVNA V2 I found a nice design on Thiniverse. It is printed from plastics and thus does not provide any shielding but as the critical parts of the PCB are shielded with tin-plated covers this should not be a problem. Here is the link to the design data:

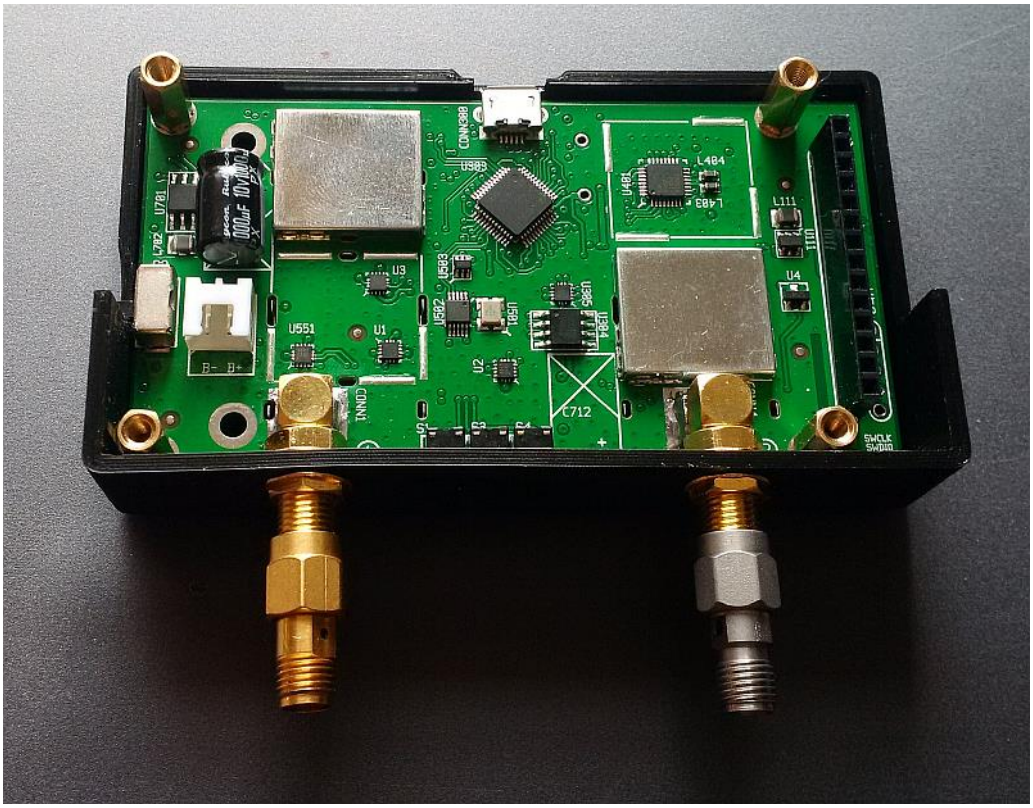
https://www.thingiverse.com/thing:4285813

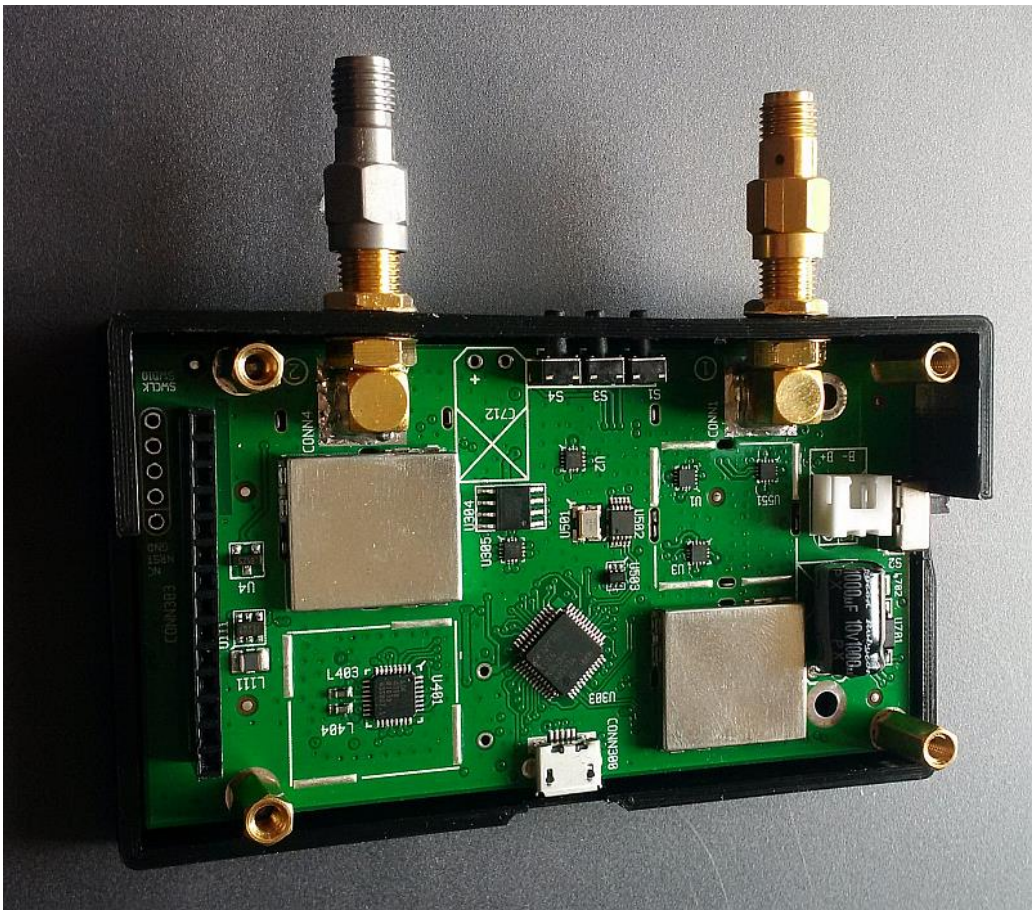


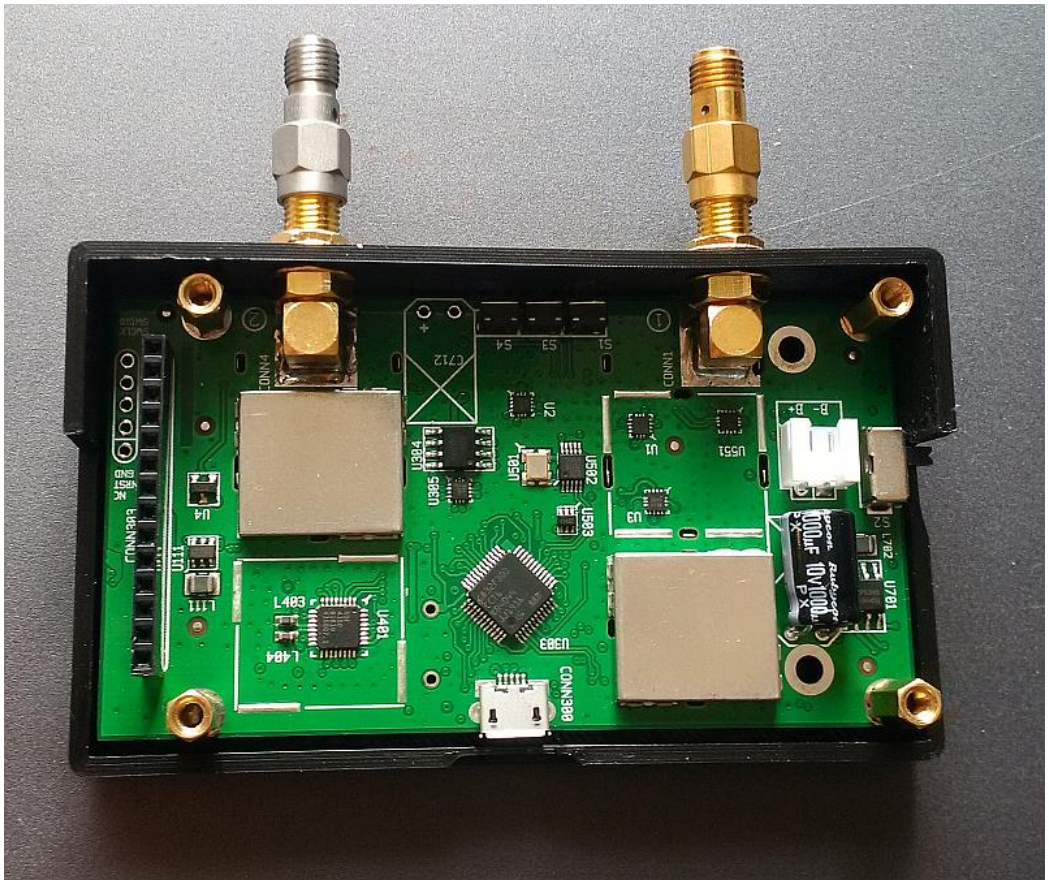


A friend printed the encasing for me and it fits really well:






CONN4
C712
S1
S3
S4
CONN1
U2
U551
U384
U385
U501
U502
U503
U4
U3
S2
U781
L403
L404
U401
L111
U383
CONN380


CONN4
C712
S1
S3
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CONN1
U2
U551
U384
U385
U501
U502
U503
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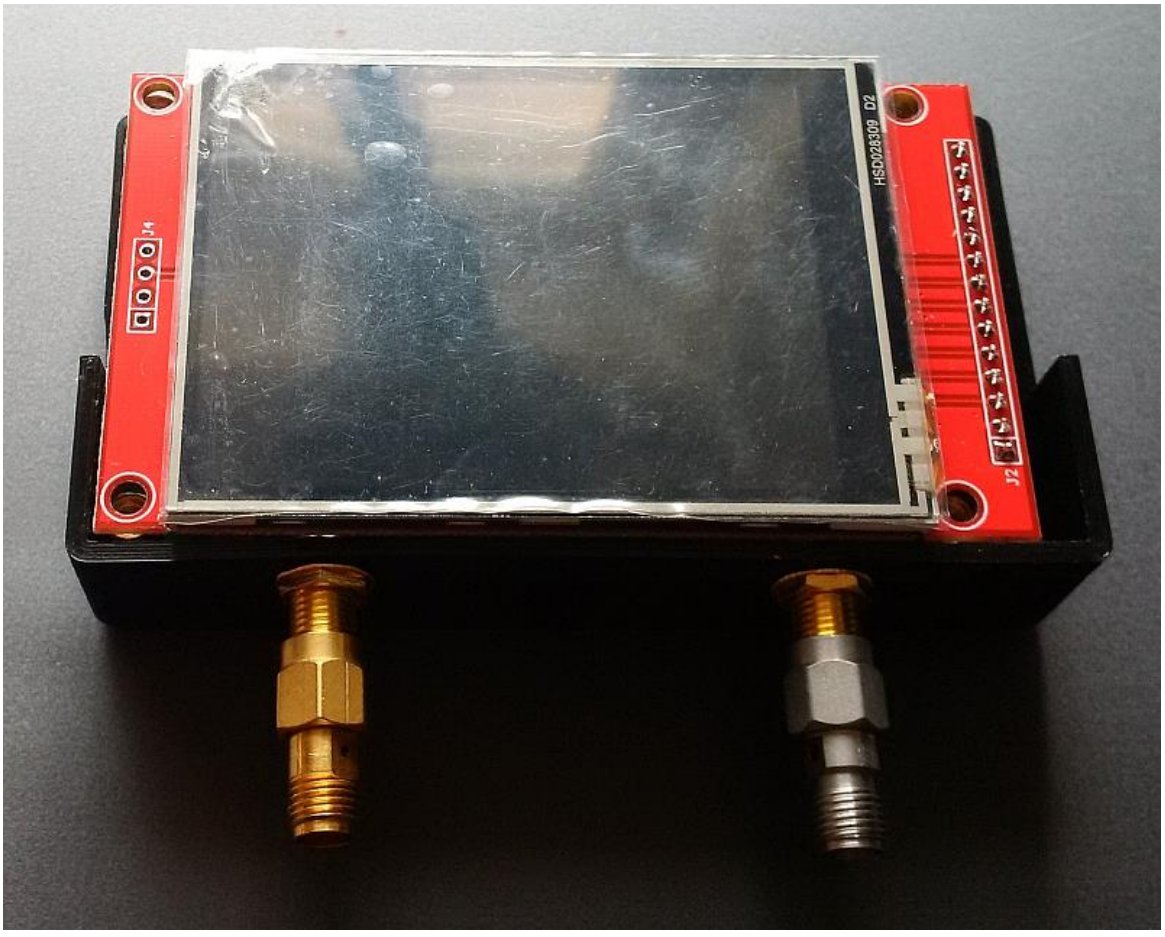
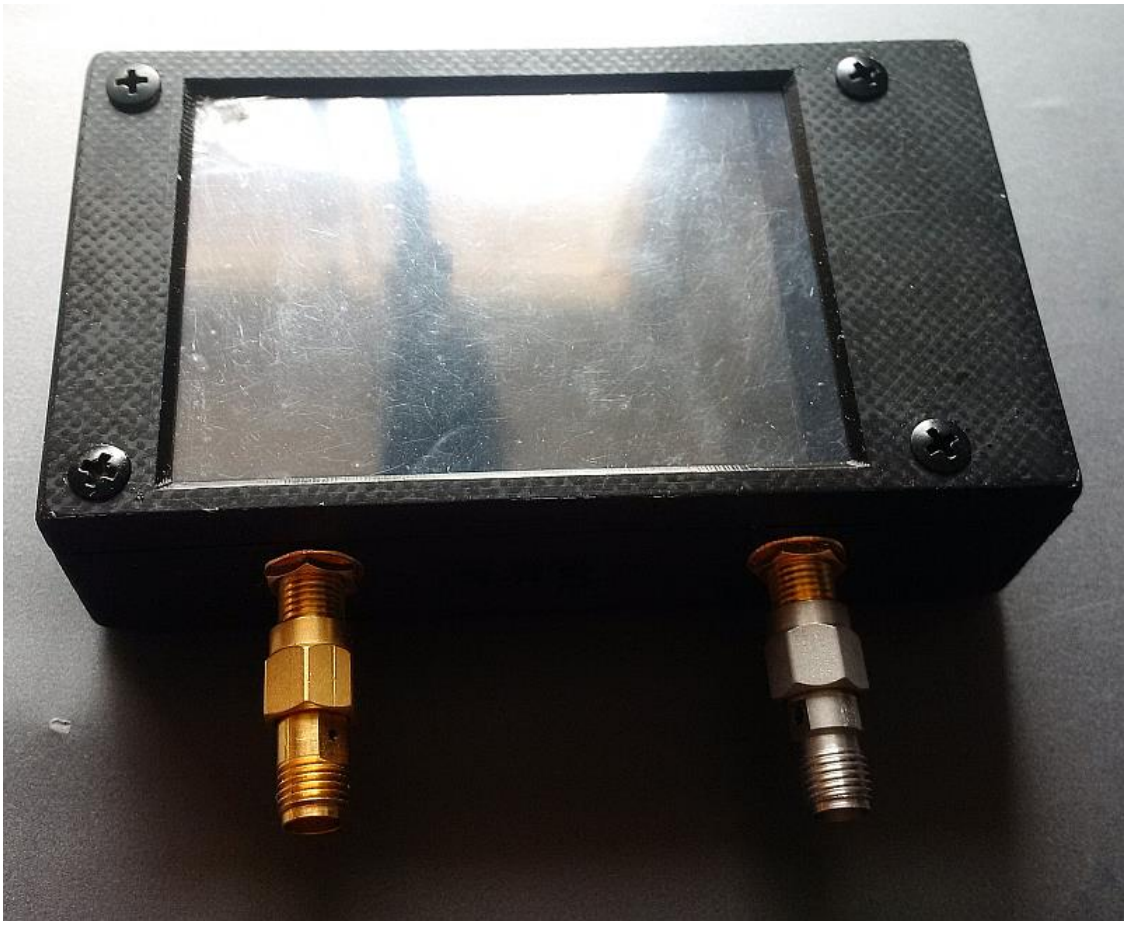
U781
L403
L404
U401
L111
U383
CONN380

J2
J4
HSD028309 D2


J4
J2
HSD028309 D2



In the pictures you can also see the “Connector Savers” which are SMAm-SMAf adapters which protect the original SMA jacks of the NanoVNA V2. Once they are worn out, they can be simply replaced.

I also replaced the original foil on the screen which you can see on the pictures with a stronger screen protector foils as it is widely used for cellphones.

Questions and remarks are always welcome. Please send them to my Email address give below.

Kind regards

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