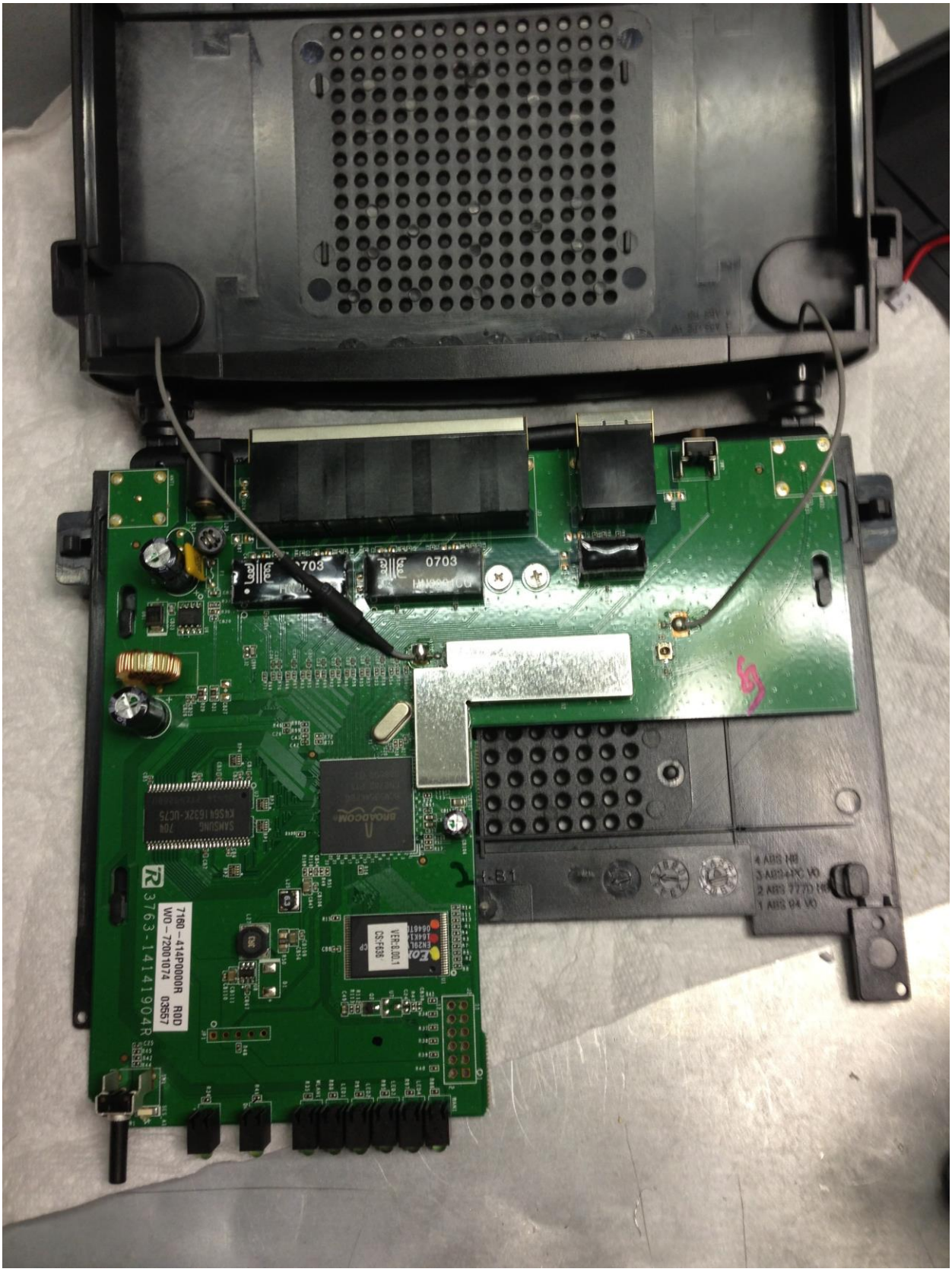
Thank you for purchasing the Antenna Mod Kit for your Linksys router. First we will show you how to install the antennas for your router. We will also provide you with a tool that will help test the performance of your newly modified router.

WRT54G V8 Antenna Installation Instructions:

1. Soldering is required (here is the list of tools you will need)

Phillips screw driver
Sockets with a ratchet
Open End Wrench

2. Open the unit. Just pull it apart by pressing on the sides and pulling on the front face of the router, some routers can be stubborn but will come apart eventually.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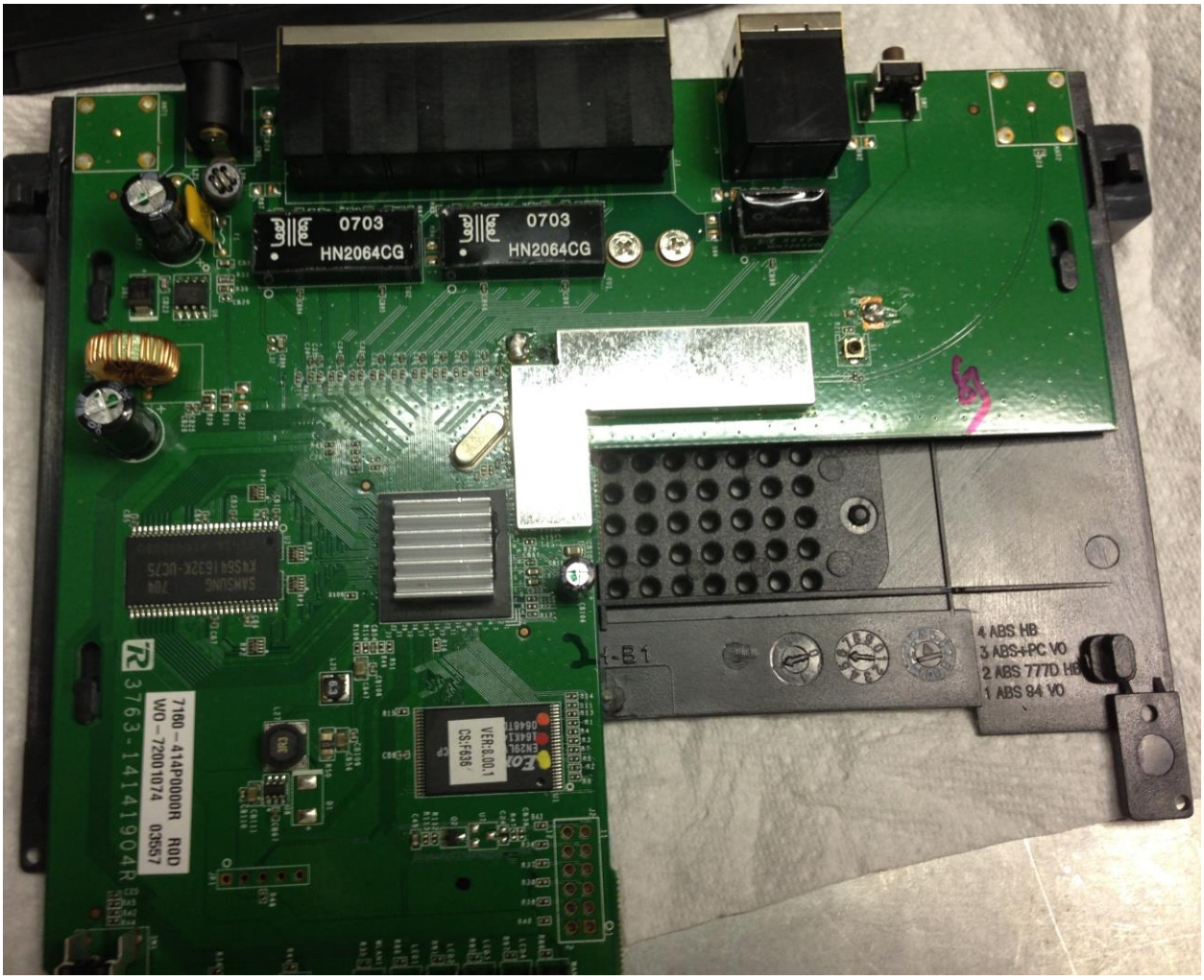
0703
SAMSUNG
K4S641632K-UC75
BROADCOM
3763-14141904R
7160-414P0000R R0D
WO-72001074 03557

De Solder stock antennas from the PCB board.

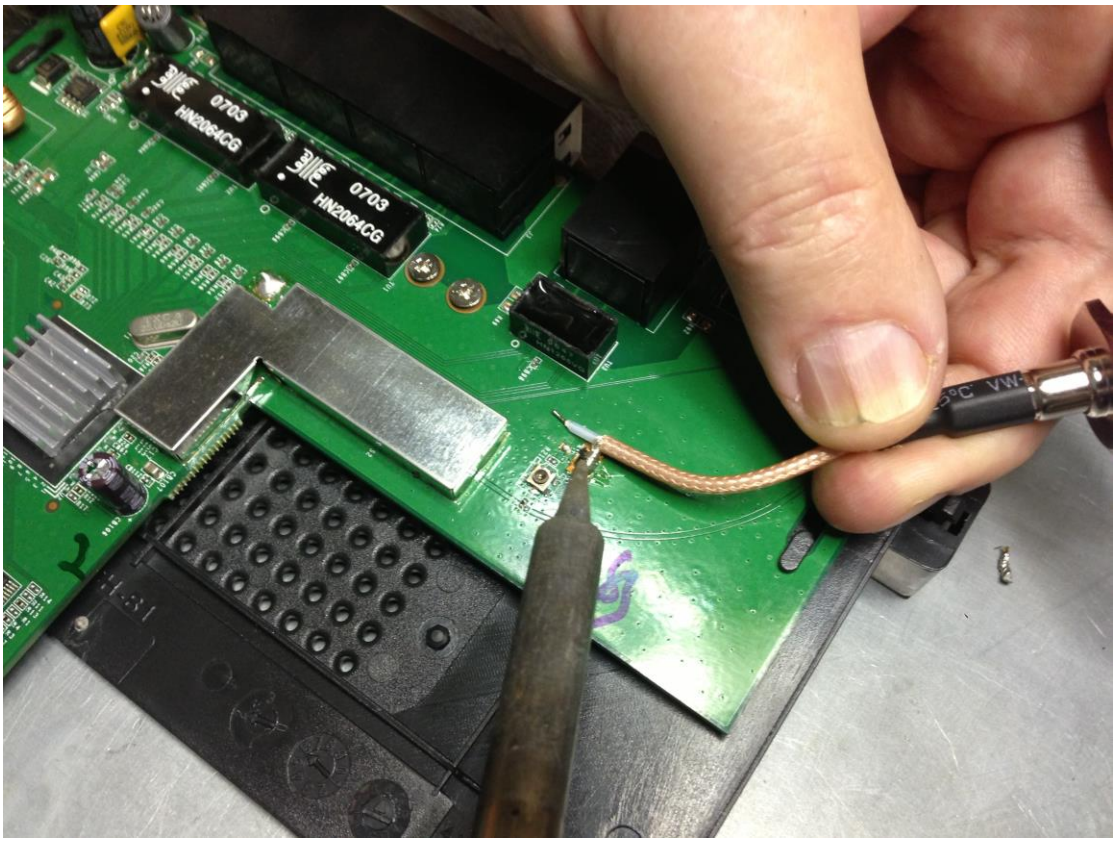
Warning DO NOT OVER HEAT THE PCB BOARD!

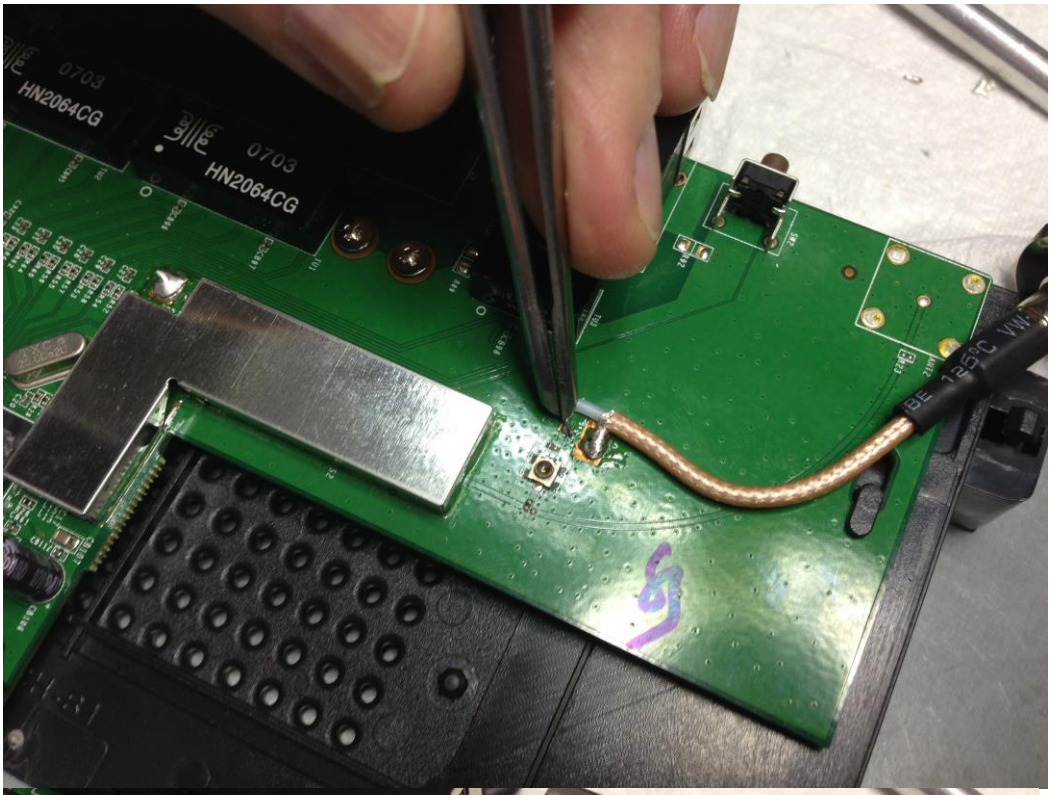


3. Squeeze the antennas out of the case.

4. Measure the provided cable for both connections and cut it as short as possible (do not cut too short).

IF YOU CUT TOO SHORT YOU WILL NOT BE ABLE TO PUT THE CASE BACK TOGETHER!!!

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HN2064CG
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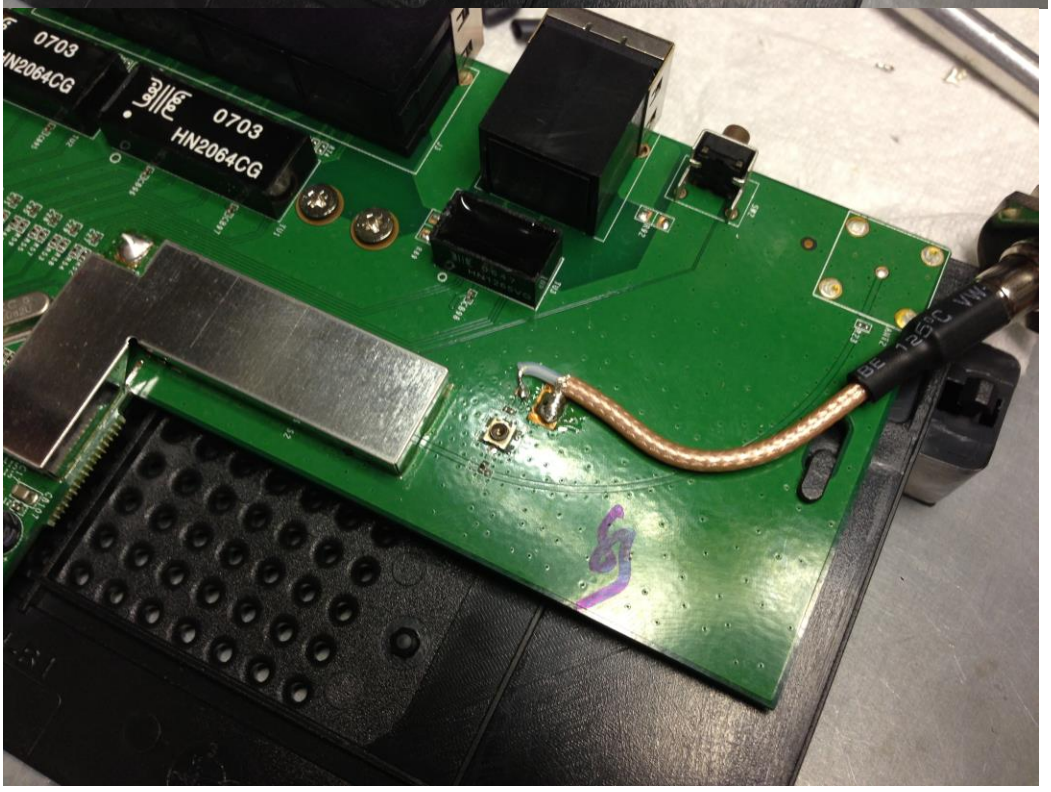
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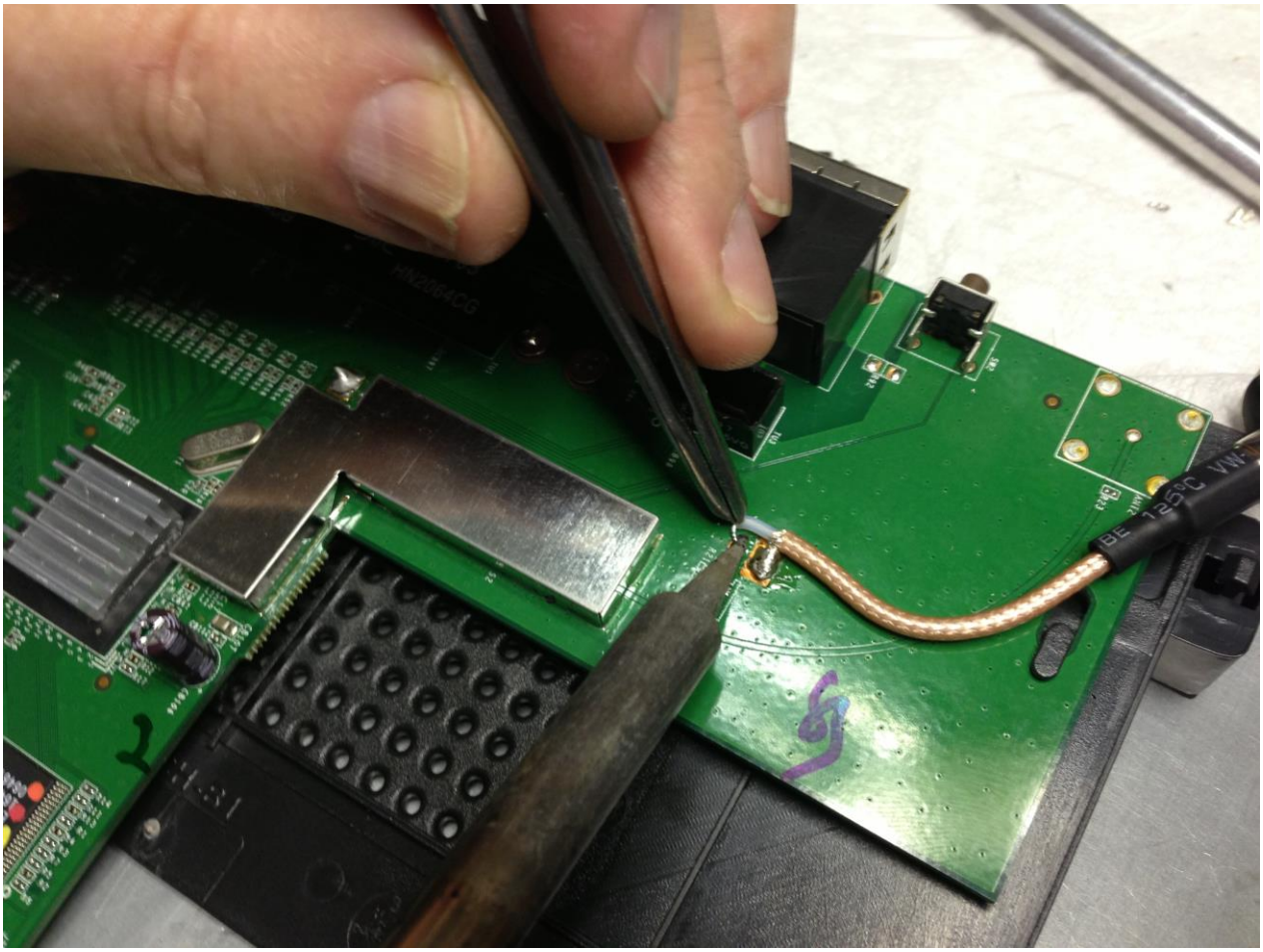
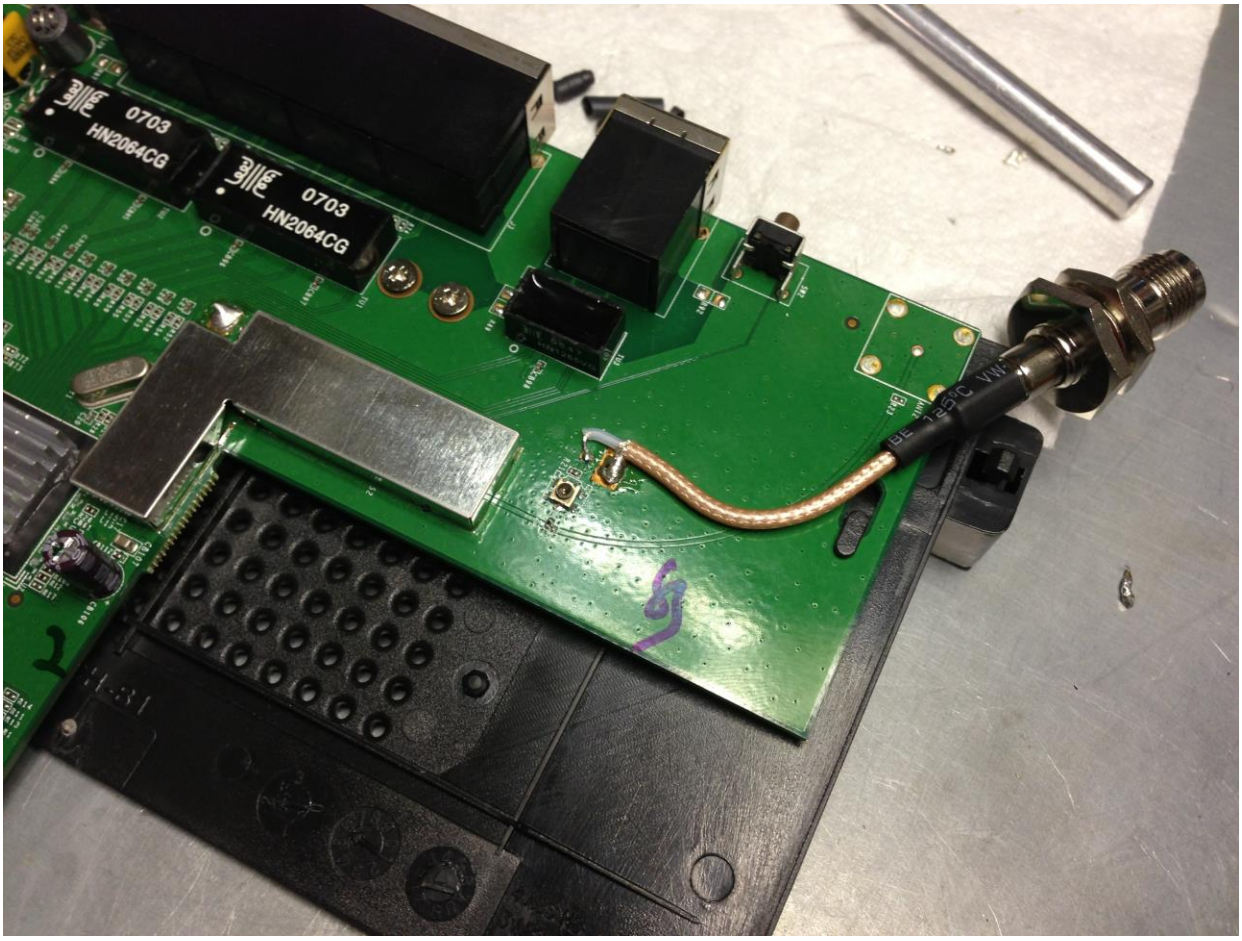
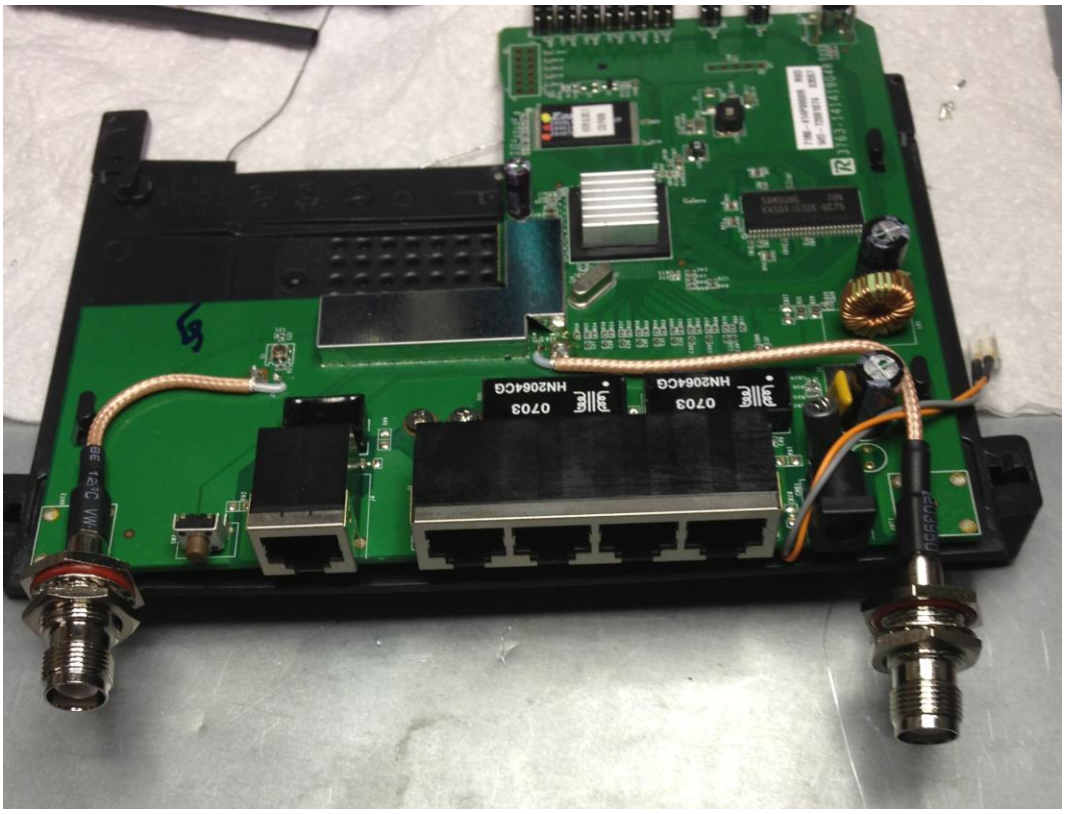




5. Look at the pictures above on how properly solder the RG316 cable to the board.

8. Now you are ready to drill. You need to make ½ inch whole, take your time as the plastic is unforgiving.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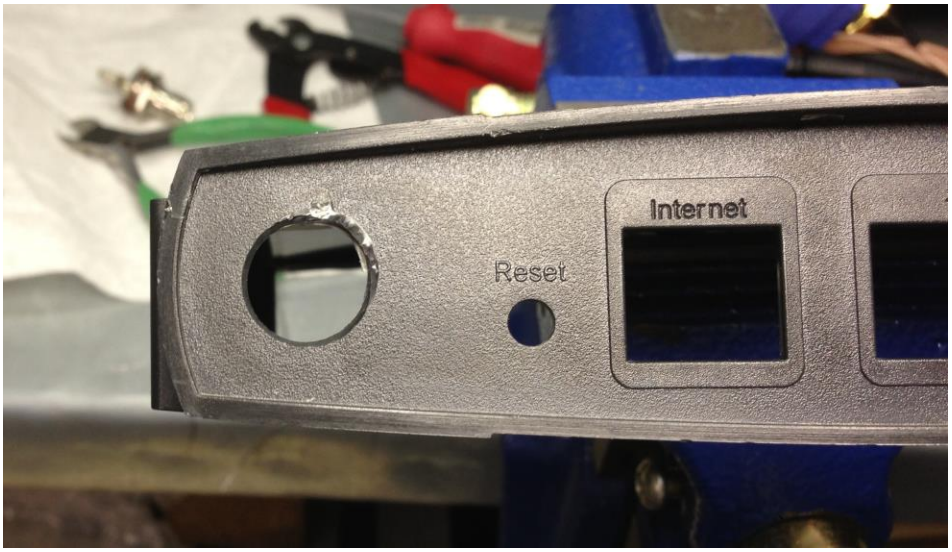
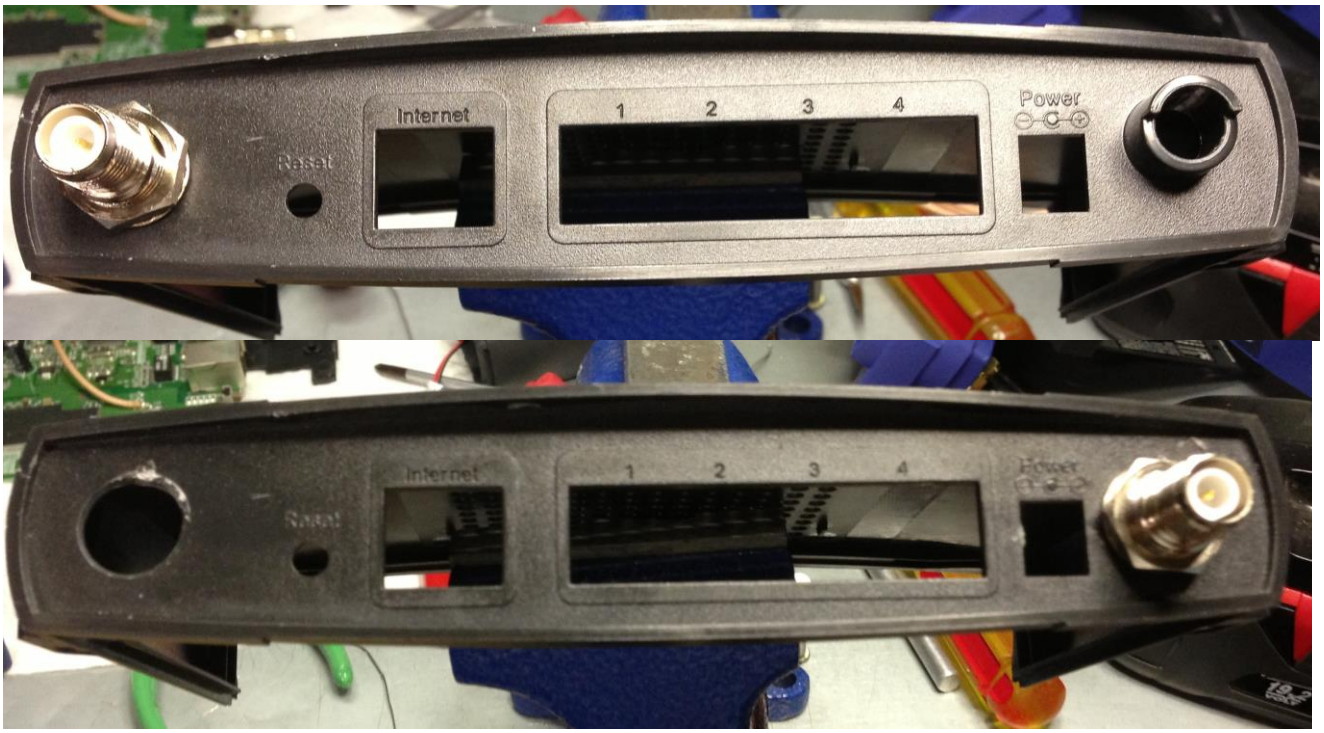

Internet
Reset



9. After drilling there will be a little plastic left around the inside the hole that will need removing. Just use a kitchen knife or other small knife to remove the plastic.
10. Screw the connectors on while putting the case back together, I hope you didn't cut the wires TOO short as you need to have some room to insert your open end wrench.

NOTE: When putting the case back together make sure none of the cables get pinched with screws or case. You can secure them in place by using clear tape.
Enjoy

WIFI Radar Scanner:
http://www.metageek.net/products/inssider/ (free download)
The WIFI Radar Scanner will show the signal strength of your router. We recommend using it before and after installing the antennas to see the improvement of the signal strength. It can also show you which antenna position and router location can give you the best signal. The closer to -0db the better the signal, and the closer to -100db the worse.


File View Help
Start GPS
Atheros AR5B93 Wireless Network Adapter
Stop
MAC Address | SSID | RSSI | Channel | Vendor | Privacy | Max Rate | Network Type | Last Seen
00:90:4B:12:CC:94 | Motorola | -59 | 1 | GemTek Technology Co., Ltd. | None | 54 | Infrastructure | 6:47:34 PM
00:12:17:47:07:5E | 574 Chatham | -92 | 1 | Cisco-Linksys, LLC | WPA-TKIP | 54 | Infrastructure | 6:47:25 PM
00:1F:33:FB:FD:69 | AbVista1-Wireless | -80 | 2 | Netgear Inc. | RSNA-CCMP | 130 (N) | Infrastructure | 6:47:34 PM
68:7F:74:09:17:0A | dd-wrt | -57 | 6 | Cisco-Linksys, LLC | None | 144 (N) | Infrastructure | 6:47:34 PM
00:0D:88:EC:F7:96 | default | -79 | 6 | D-Link Corporation | None | 54 | Infrastructure | 6:47:34 PM
68:7F:74:9B:70:CC | AquaWhale | -90 | 11 | Cisco-Linksys, LLC | RSNA-CCMP | 144 (N) | Infrastructure | 6:47:34 PM
68:7F:74:9B:70:CD | AquaWhale-guest | -89 | 11 | Cisco-Linksys, LLC | None | 144 (N) | Infrastructure | 6:47:34 PM
00:C0:49:F1:3E:04 | | -90 | 11 | U.S. ROBOTICS, INC. | RSNA-CCMP | 54 | Infrastructure | 6:47:34 PM
00:12:17:CF:8E:50 | linksys | -90 | 6 | Cisco-Linksys, LLC | WEP | 54 | Infrastructure | 6:47:34 PM
00:1D:7E:10:27:97 | CRIA | -92 | 11 | Cisco-Linksys, LLC | WPA-TKIP | 150 (N) | Infrastructure | 6:47:05 PM
00:1C:F0:F0:54:60 | 7664 4233 | -91 | 6 | Motorola CHS | WEP | 54 | Infrastructure | 6:47:30 PM
C0:83:0A:02:74:41 | ZWIRE287 | -90 | 1 | 2Wire | WEP | 54 | Infrastructure | 6:45:01 PM
News
Time Graph
2.4 GHz Channels
5 GHz Channels
Filters
GPS
Amplitude (dB)
-15
-20
-25
-30
-35
-40
-45
-50
-55
-60
-65
-70
-75
-80
-85
-90
-95
-100
6:43
6:44
6:45
6:46
6:47
Motorola
574 Chatham
AbVista1-Wireless
dd-wrt
default
AquaWhale
AquaWhale-guest
linksys
CRIA
7664 4233
ZWIRE287
401highlands