

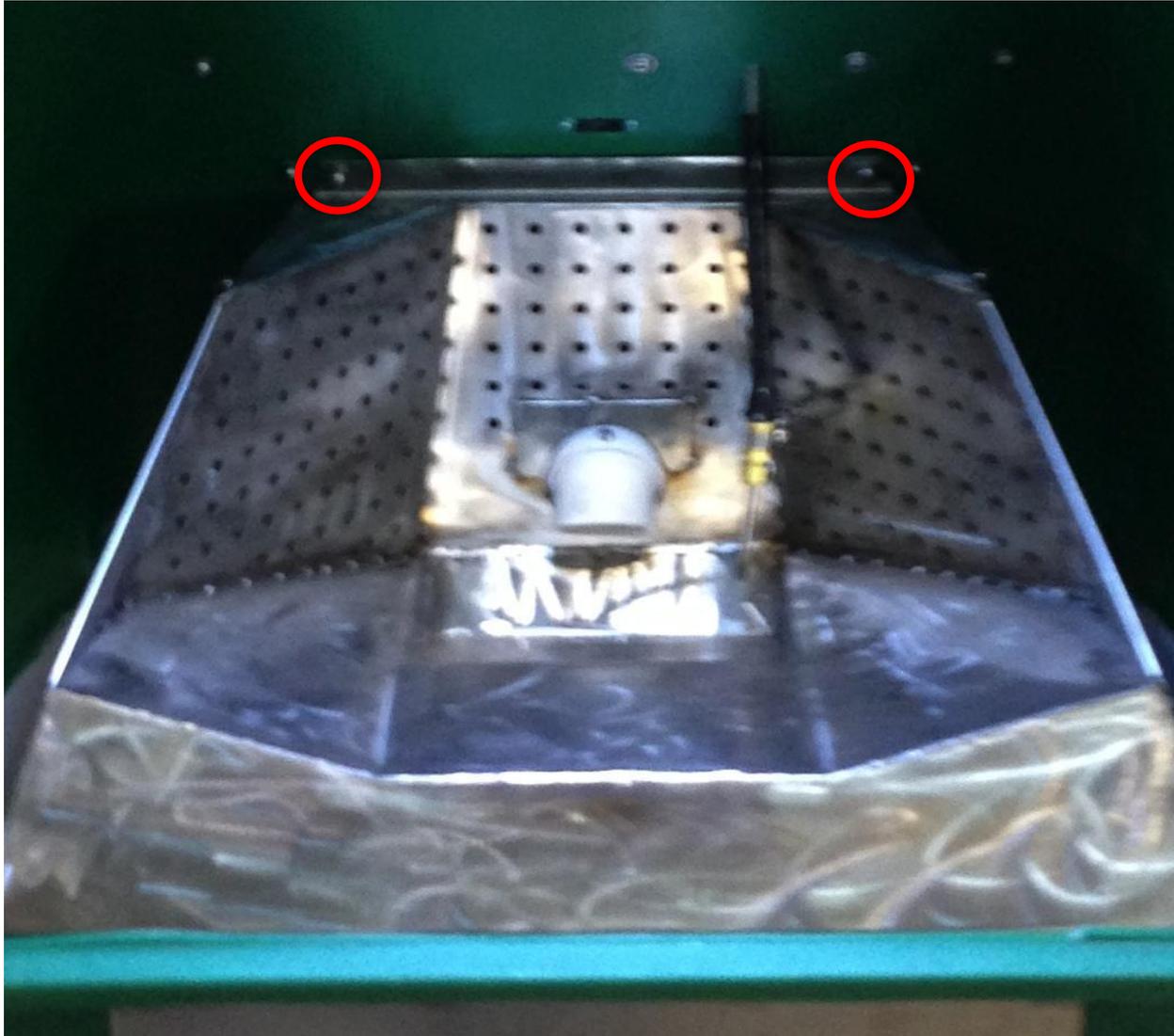
Configuring the PEPWave Modem for GreenFeed

You will need:

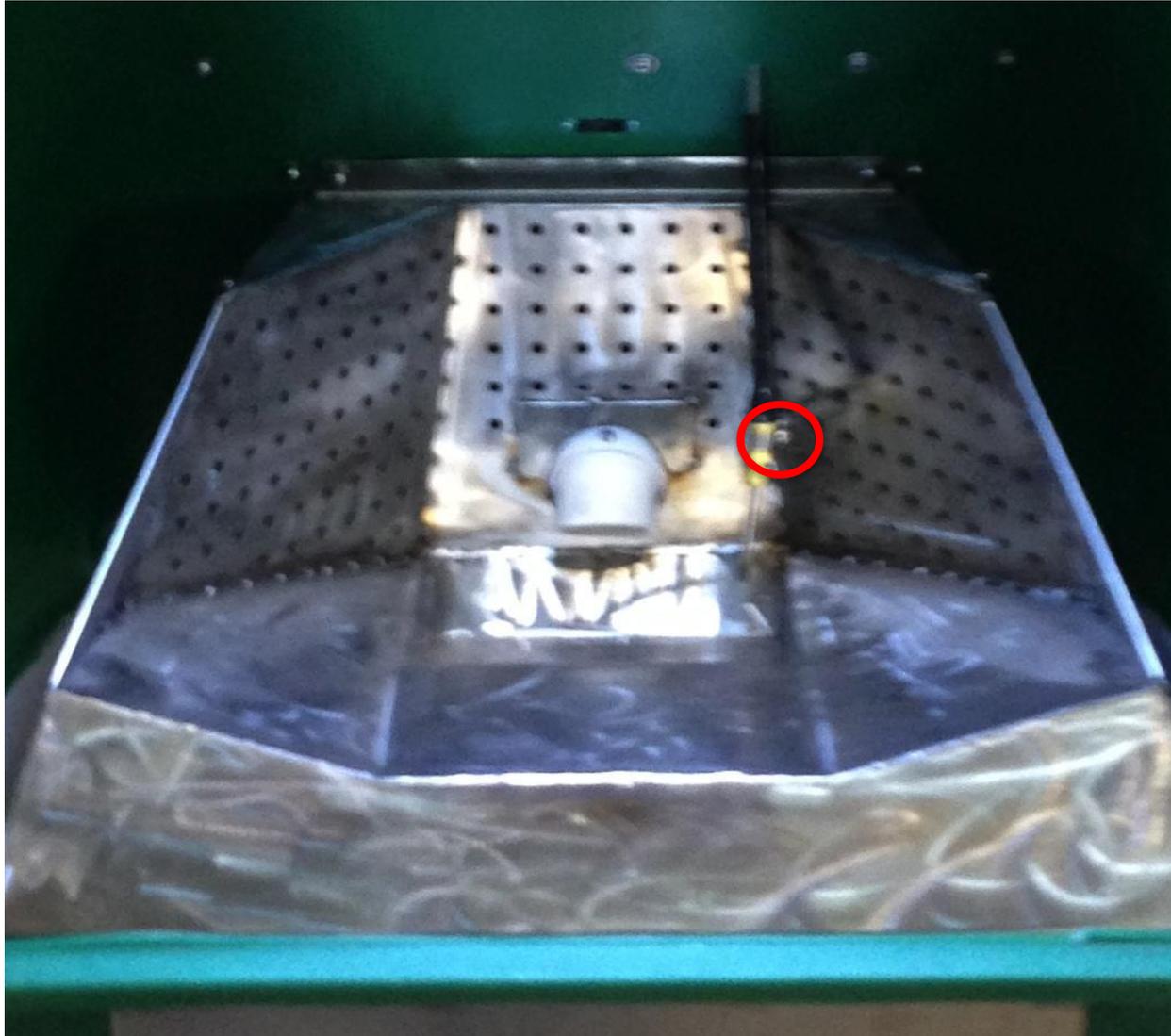
- Medium (#2) Phillip Screwdriver
- 5/32" Allen Driver
- Sticky Tape (masking, scotch, electrical, duct, etc.)
- Plastic Bag, Cup, or Bowl
- Flash Light
- An Activated 2FF Mini-SIM Card
- The name of the APN for the cell service you will be using (some cell carriers don't require this)

Ensure GreenFeed is turned off

Use the 5/32 allen screwdriver to remove the dish bolts



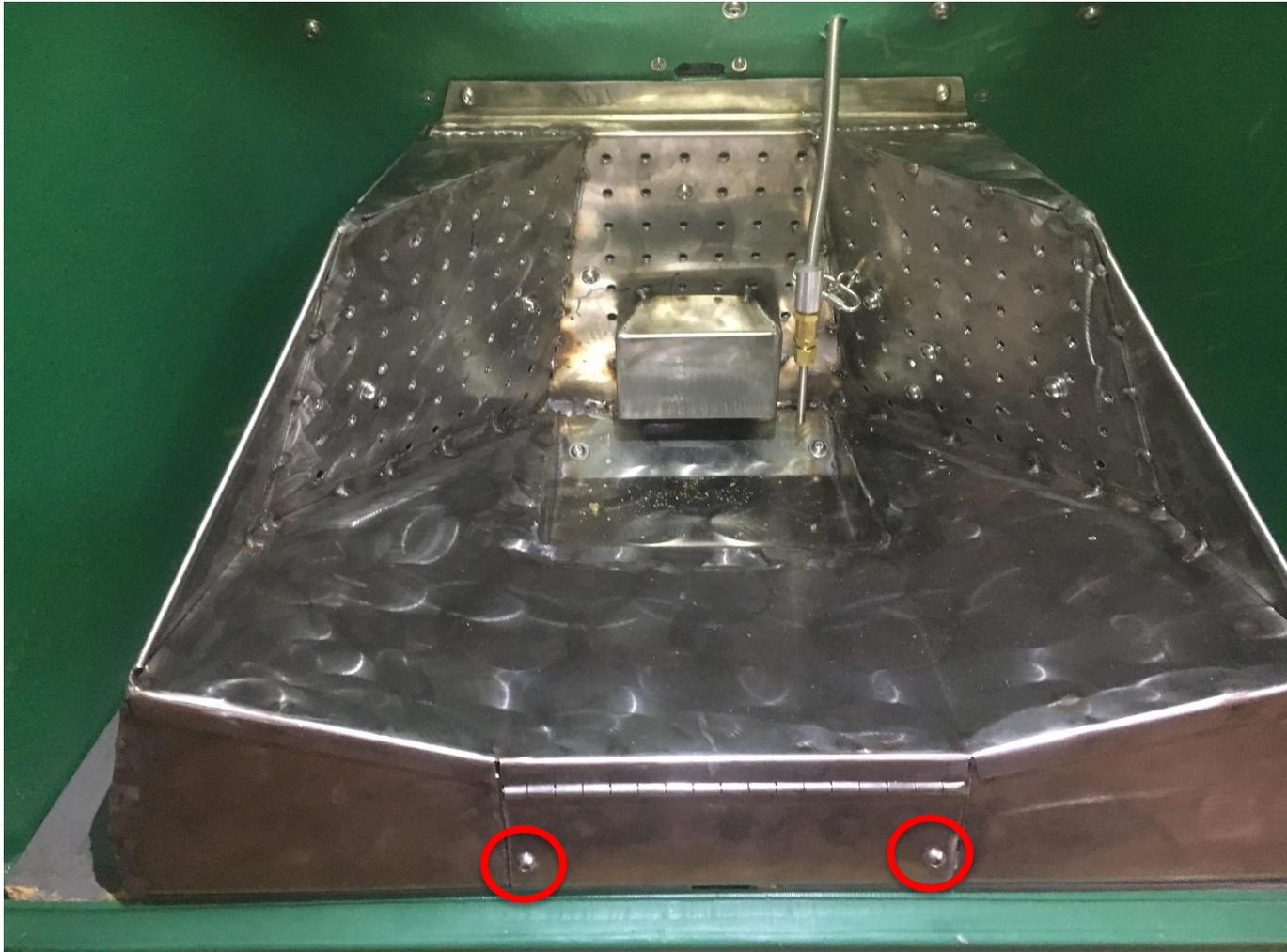
Unscrew and unclip the tracer nozzle



If your dish is a heated dish...

- If your system uses a heated dish, proceed to the next step.
- Otherwise skip the next 4 steps.

Use the 5/32 allen screwdriver to remove the two dish bolts



Open the front flap and carefully pull out the two dish heater cables



Unscrew the blue nuts from one another to disconnect the first cable



The second cable is a little more tricky.

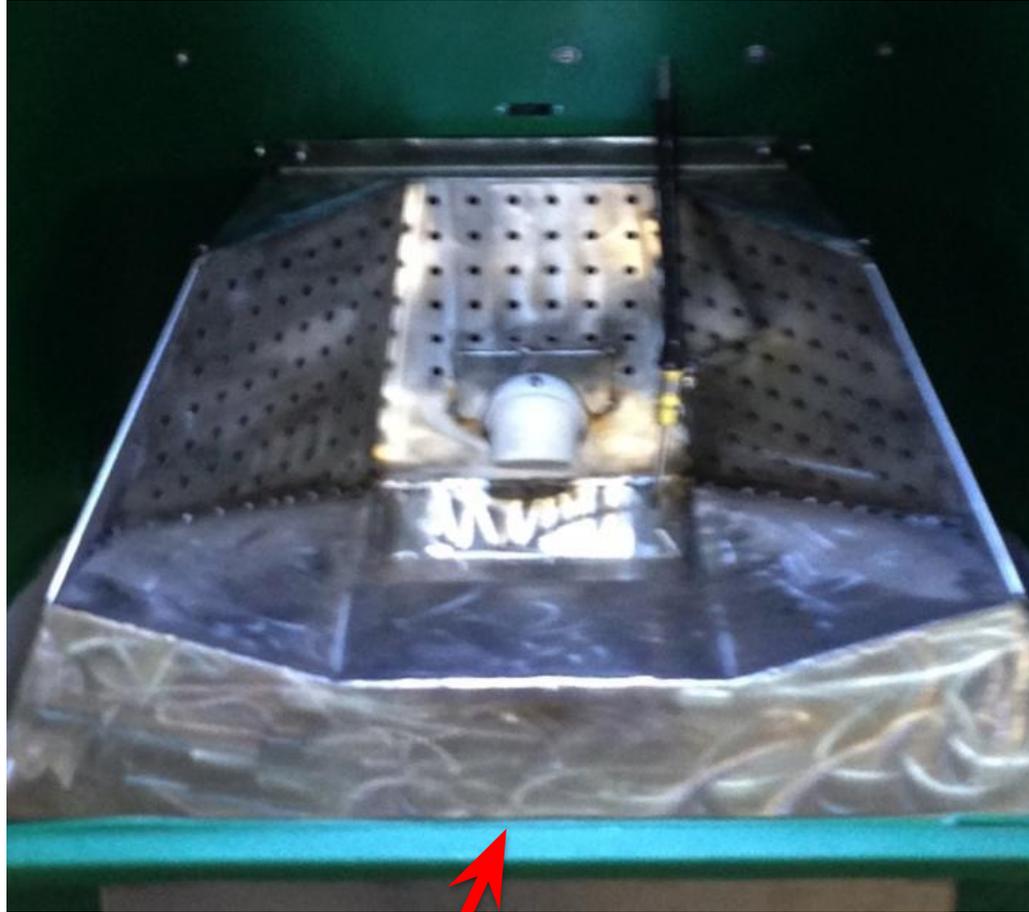


1) Pull the white tab out. It should move ~ 1/4th inch. But it will not completely separate from the connector.



2) Push down on the black tab and wiggle the connector while pulling it apart.

Remove the food dish

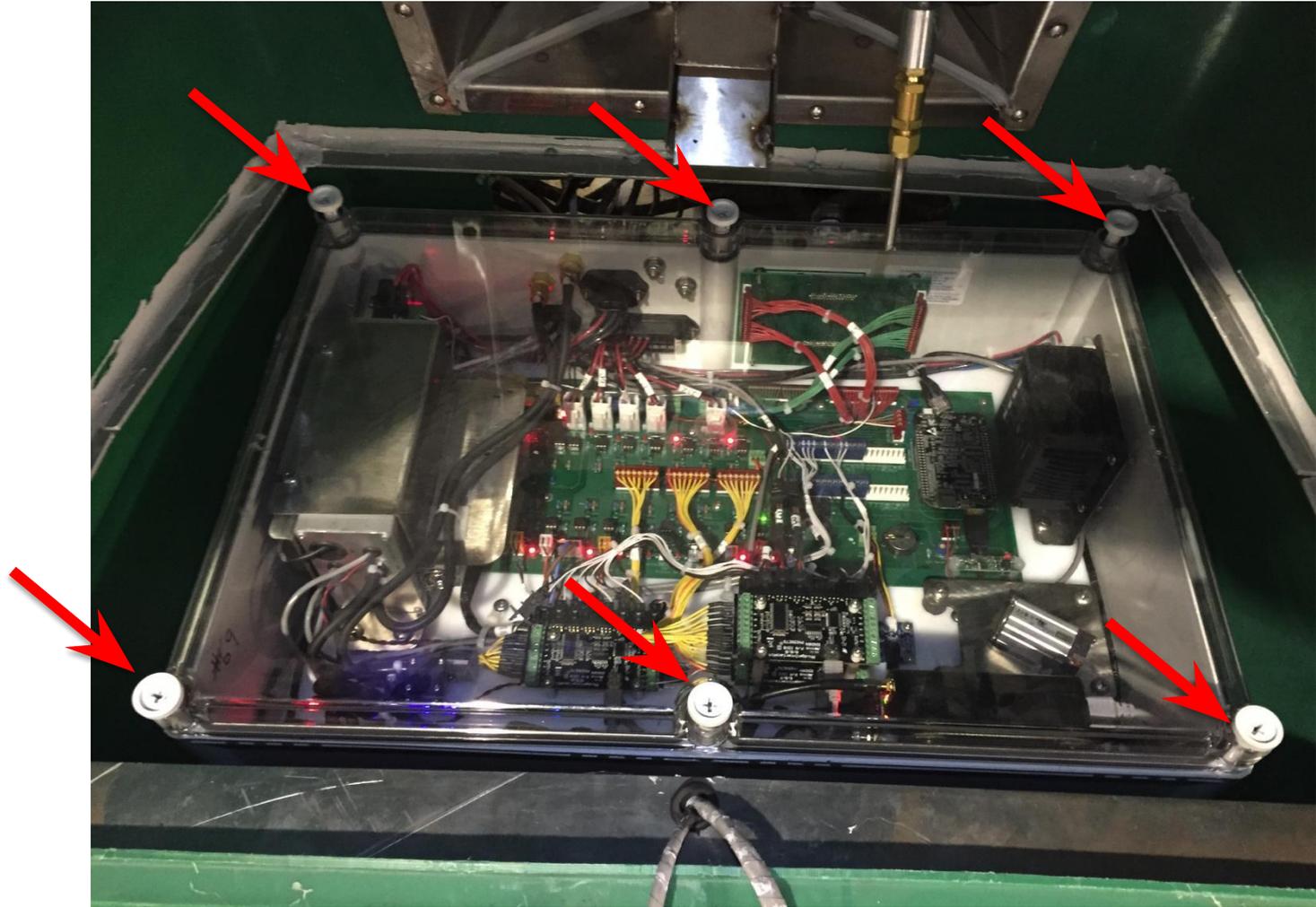


You may need a flat-blade screwdriver
to pry the dish above the plastic lip

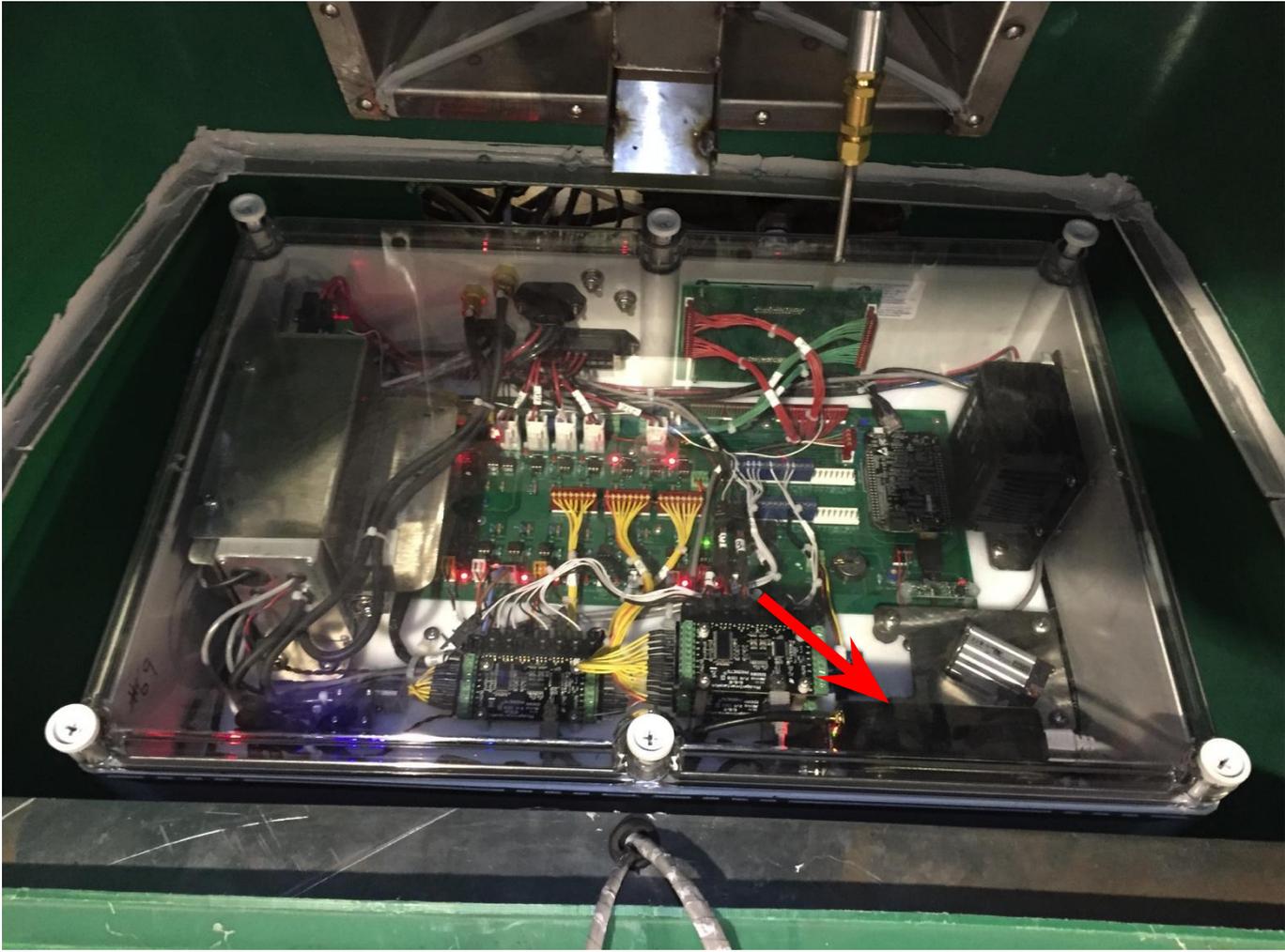
Remove the tray and cover food nozzle



Remove the electronics box lid



Locate the Modem (front-right corner)

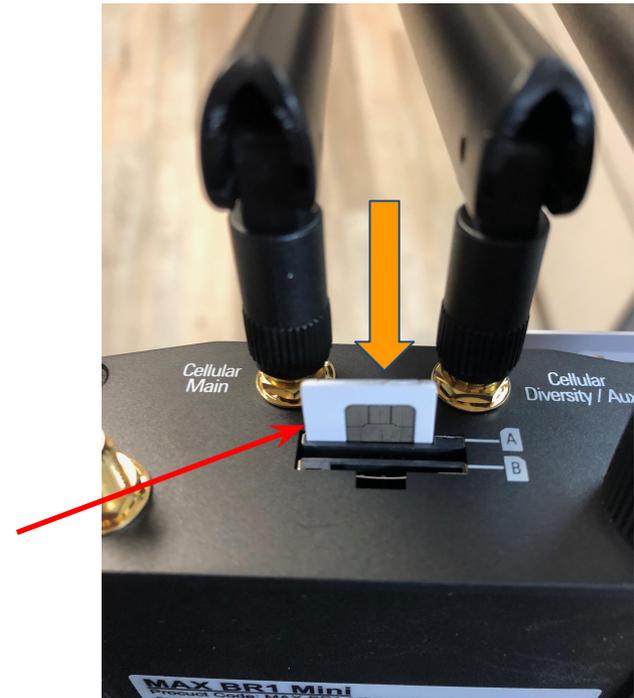


Insert the 2FF Mini-SIM Card



The slot for the SIM card is located on the side of the modem where the antennas connect.

Insert the SIM card into slot A, in the orientation shown. Press it firmly until the card "clicks" into place.



Apply Power Then Wait 3~4 Minutes

This will allow the modem enough
time to start and initialize the
Internet connection

After 3~4 Minutes, You Should See the Modem's Wi-Fi Network

New PEPWave Network Name will be something like:

GREENFEED _____ or SMARTFEED _____

Connect to this network using the password:

greenfeed

or

smartfeed

Open a Web Browser and Go To <http://192.168.1.1>

If that page doesn't load, try: <http://192.168.50.1>

If that page doesn't load, try: <http://192.168.2.1>

PEP WAVE
Broadband Possibilities

Web Admin

Login

Username:

Password:

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For the username enter: admin

For the password enter: **CARbon1!** or **CARbon123!** (for newer feeder)

Then click "Login"

Under Dashboard, confirm Connection

The screenshot displays the Pepwave dashboard with the following sections:

- Navigation Bar:** PEPWAVE, Dashboard, Network, Advanced, AP, System, Status, Apply Changes.
- WAN Connection Status:**
 - Priority 1 (Highest): Cellular, Connected (green square), Details button.
 - Priority 2: Disabled (greyed out), Drag desired (Priority 2) connections here.
 - Disabled: Drag desired (Disabled) connections here.
- LAN Interface:** Router IP Address: 192.168.1.1
- Wi-Fi AP:** ON (green square), Details button.
- Device Information:**
 - Model: Pepwave MAX BR1 Mini
 - Firmware: 7.1.0 build 2860
 - Uptime: 0 days 0 hours 10 minutes
 - CPU Load: 12% (green progress bar)
 - Throughput: ↓ 0.0 kbps ↑ 0.0 kbps
- Footer:** Copyright © Pepwave. All rights reserved.

Red arrows in the image point to the 'Connected' status in the WAN Connection Status section and the 'Details' button next to it.

Make note if the connection says anything besides “Connected”

Connection Details

Cellular Status

	SIM Card A	SIM Card B
	(No SIM Card Detected) (In Use)	(No SIM Card Detected)
MEID	HEX: 35907206054087 DEC: 089865882200344199	
IMEI	359072060540875	
Network Mode	Auto (Generic)	

Details

Click Details

Then take a snapshot of the screen.

WAN Connection Settings

WAN Connection Name	Cellular	Default
Network Mode	<input checked="" type="radio"/> Auto <input type="radio"/> Generic <input type="radio"/> AT&T <input type="radio"/> Sprint <input type="radio"/> Verizon Wireless	
Subnet Selection	<input checked="" type="radio"/> Auto	
Routing Mode	<input checked="" type="radio"/> NAT	
DNS Servers	<input checked="" type="checkbox"/> Obtain DNS server address automatically <input type="checkbox"/> Use the following DNS server address(es) DNS Server 1: <input type="text"/> DNS Server 2: <input type="text"/>	

ON Details

Logout

Cellular Settings

SIM Card	<input checked="" type="radio"/> Both SIMs <input type="radio"/> SIM A Only <input type="radio"/> SIM B Only	
Preferred SIM Card	<input checked="" type="radio"/> No Preference <input type="radio"/> SIM A <input type="radio"/> SIM B	
	SIM Card A	SIM Card B
Network Selection	<input checked="" type="radio"/> Auto	<input checked="" type="radio"/> Auto
LTE/3G	Auto	Auto

<https://usatcorp.com/faqs/understanding-lte-signal-strength-values/>

Signal Quality



	RSSI	SINR (dB)	RSRQ (dB)	RSRP (dBm)	EC/IO (dB)
Technology	LTE and 3G	LTE Only	LTE Only	LTE Only	HSPA+ and EVDO
Excellent	> -65	> 12.5	> -5	> -84	> -2
Good	-65 to -75	10 to 12.5	-9 to -5	-85 to -102	-2 to -5
Fair	-75 to -85	7 to 10	-12 to -9	-103 to -111	-5 to -10
Poor	< -85	< 7	< -12	< -111	< -10

Contact C-Lock

Call C-Lock +1-605-791-5657 to confirm everything is working correctly.