**Debugging COMS UHF:**

* Not getting anything on the MISO line from the transceiver
* Either 0x00 or 0xFF
* Try lowering the SPI speed
* Nothing really changed
* CC1120 getting power?
* SS is currently 3.3V
* Also forgot about updating the RST toggle.
* LED1 was also pin 29
* Getting the status byte from the transceiver now
* Still not seeing anything on the spectrum analyser
* Try: Lowering the baud rate for the transceiver. (9.6 kbps 🡪 1.2 kbps)
* SYMBOL\_RATE2: (0x73 🡪 0x43)
* Also: I’m not transmitting anything because it’s waiting to receive a packet.
* Commenting out 695, 696 of transmit\_packet( )
* Should always transmit something now.
* **We are seeing a spike at 434 MHz now.**
* I’m going to turn the baud rate and SPI speed back up.
* Sending and receiving with COMS IT4 works now.

**Getting RF Front END to work (UHF)**

* Control signals:
* UHF\_FE\_EN, UHF\_FE\_TR, UHF\_FE\_BYP
* Turning off the bypass means that we’re going to use the RF front end
* Doing so causes the current usage to spike
* This in turn trips the power supply.
* DAC control signal?
* DAC\_OUT = 25
* In transmit:
* DAC\_OUT = 2.25V
* In receive:
* DAC\_OUT = 0.0V