

# playa1, TRH, krypton, cellular

Dec 11, 1:08 pm, Tom, Gordon

Replaced TRH transducer 013 with 009

Cleaned krypton from ladder, did not drop mast.

Installed higher gain antenna on cellular modem. This turned out to be a hassle.

Prior to the antenna change, the router modem page reported signal 65%, -78 dBm for the modem, which is not bad, but I figured we could use this as an opportunity to test the higher gain antenna. If it ain't broke, fix it anyway...

I tried hot-swapping the antenna on the modem, which then apparently caused problems on the router. At first the WLAN would not come up. Connected via the ethernet, the wifi was disabled. After re-enabling the wifi, the router would not stay up. The router WAN and WLAN LEDs would come on, and then the USB LEN, and then after a second all would go out again, as if the router was resetting. Connection to the ethernet or wifi would only last a second or two.

Reset router to factory defaults by holding in reset button while powering up. Then downloaded the configuration and tweaked it for station isfs1. Router would then stay up.

After the change the modem signal level was 70%, -77 dBm. This is no real improvement from the smaller antenna.