

playa1, abc2 site visits

Nov 19 afternoon.

Kurt and Ling visited playa1 and abc2 today.

Per phone calls:

At playa1, tried to improve the cellular connection. Swapped in a new modem (modem-8 as I recall). Fiddled with the antenna. Sometimes it appeared that the signal was better without an antenna, but later the signal went bad and an antenna helped. So left the site with modem-8 and the external antenna connected. This site still has a typical signal of 28%, -93 dBm, and that seems to be the best we can get with the current setup. It is acceptable, but it would be nice to try a higher gain antenna here.

At abc2, investigated why the system voltage is low. Kurt found that the cable to the VIPER (or DSM) did not have a good connection at the panel, which he fixed. During this time the router reverted to factory defaults. 😞 Ling re-installed the router configuration. The system voltage recovered to 12.8 V. This is the second or third time we've seen the CTR350s revert to factory defaults, when they've had a power glitch.

Ling added: The cable from the power board to the VIPER is still questionable. The cable's connector was losing which Kurt fixed, but we still get lower battery voltage sometimes. We suggest to replace the cable completely. Gordon, please bring one of the kind the power cable with you and replace it, when you go to Utah after Thanksgiving. If you have question regards the cable, please talk to Kurt or me.