TFOCA Testing Instructions

1st Test- Power pass thru-

- Stack 5 at a time- set on top of the power box, plug in circle switch to the power port on top of the unit- turn all units on
- Turn the switch onto the (I) position and turn the load to ON- **must be above 23**- **run for 10 seconds to ensure it does not drop below 22**- turn the load OFF- turn the switch to the (0) position.
- Turn the middle and top power strip button OFF and turn the switch to the (II) position- turn the load ON- **must be above 15** – **run for 10 seconds to ensure the reading does not drop below 15-** turn load off and return switch back to the (0) position – unplug.
- Make sure load is set at 50.1V

Testing Instructions-

- Use volt meter, put negative probe into the lemo power, then with the positive probe touch 3 exposed metals to ensure NO voltage is coming from bare metal.

- On the main VSWR next to the computer connect a black network cable to 10G **B** slot and purple cable into A slot- Load to **labunto**
- not bootenator
- Left corner (blue circle) – Accessories- Disks- 128 GB disk – hit play button under blue box.
- Look for **(/media/root/Test)** on the same page at the bottom.
- Right click on folder labeled (Iperf) and select open in terminal – shape to half the screen size.
- Type in (. /T) then the up arrow key. You will see (./TFOCA_iperf.sh)
- If the unit wont grab a ping, then try moving the black network cable over to the B port 10G on the main VSVR, on the test screen type in (dh client -r) to force another IP address grab.

- **For Ping (left screen)** Go onto main screen and select (LXterminal)- type in (**ping 172.16.252.1**) and click enter. Must enter PING before IP ADDRESS
- Disconnect the black network cable from VSVR and move the test cable back to the A slot before testing any units.

Testing-

- Plug in all gold 10G adaptors
- Plug in 2 network cables into 10G and 1G ports.
- Move black cable over to 1G on the test VSVR
- On the right screen type in (./TFOCA_iperf.sh)- put in serial number- enter.
- **All ports must read above 9 at the 10 second mark/ if not run 2 more times.**
- **(10G)** move the black cable on the test VSVR over to the 10G spot.
- On the right screen push the up-arrow key- put in serial number- enter.
- **All ports must read above 9 at the 10 second mark/ if not run 2 more times.**