

30

LIGO EEIP No Electrical Hazard

GAIN H LOW

+18V +15V -18V -15V

To WFS Head 3

aLIGO WFS Interface

LIGO

29

28

27

26

A PWR OMC A DCPD AB Cal Rly 1A Cal Rly 2A A Acquire/Run Gain Set B Acquire/Run Gain Set Cal Rly 1B Cal Rly 2B OMC B

Bas 1 Bas 2 +5V -5V

OMC DCPD Whitening LIGO D2100631

LIGO EEIP No Electrical Hazard

25

24

ISC Dual QPD Transimpedance Amplifier LIGO D1002481

LIGO EEIP No Electrical Hazard

Amplifier 1 +15V -15V

PD Input

Amplifier 2 +15V -15V

OFF





DC IN +15V DC On/Off -15V  
From DAC Cal Inputs OMC DCPD  
**REMOTE IO** LIGO D2100631  
B Outputs TO AA  
Panel 02100633-v3

P1 GND

24

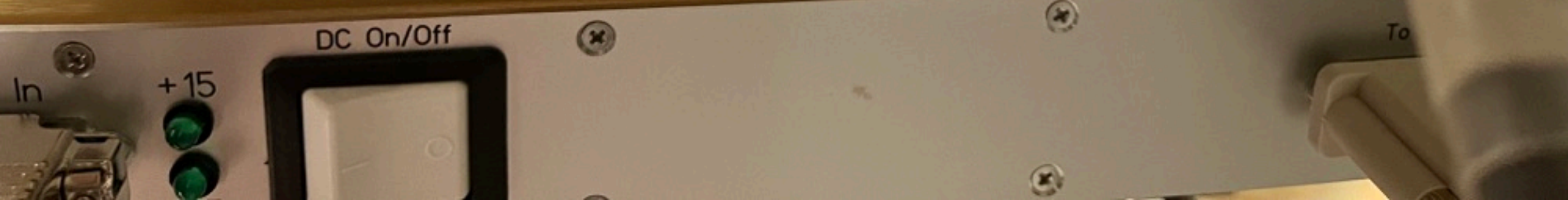
To Whitering

ISC Dual QPD Transimpedance Amplifier  
LIGO D1002481

ISC\_94

HI ISC-38  
LSC-38

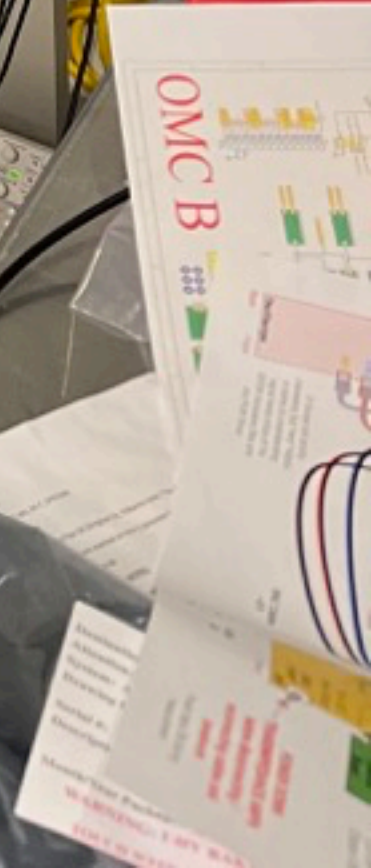








OMC B









CL Series  
All Pins Grounded  
LIGO EEP  
No Electrical Hazard  
Test Switch  
Differential Amp  
OUT  
INPUT  
SR785 Signal Analyzer Accessory Suite 0900068

Stanford Research Systems Model SR785  
2-Channel Dynamic Signal Analyzer

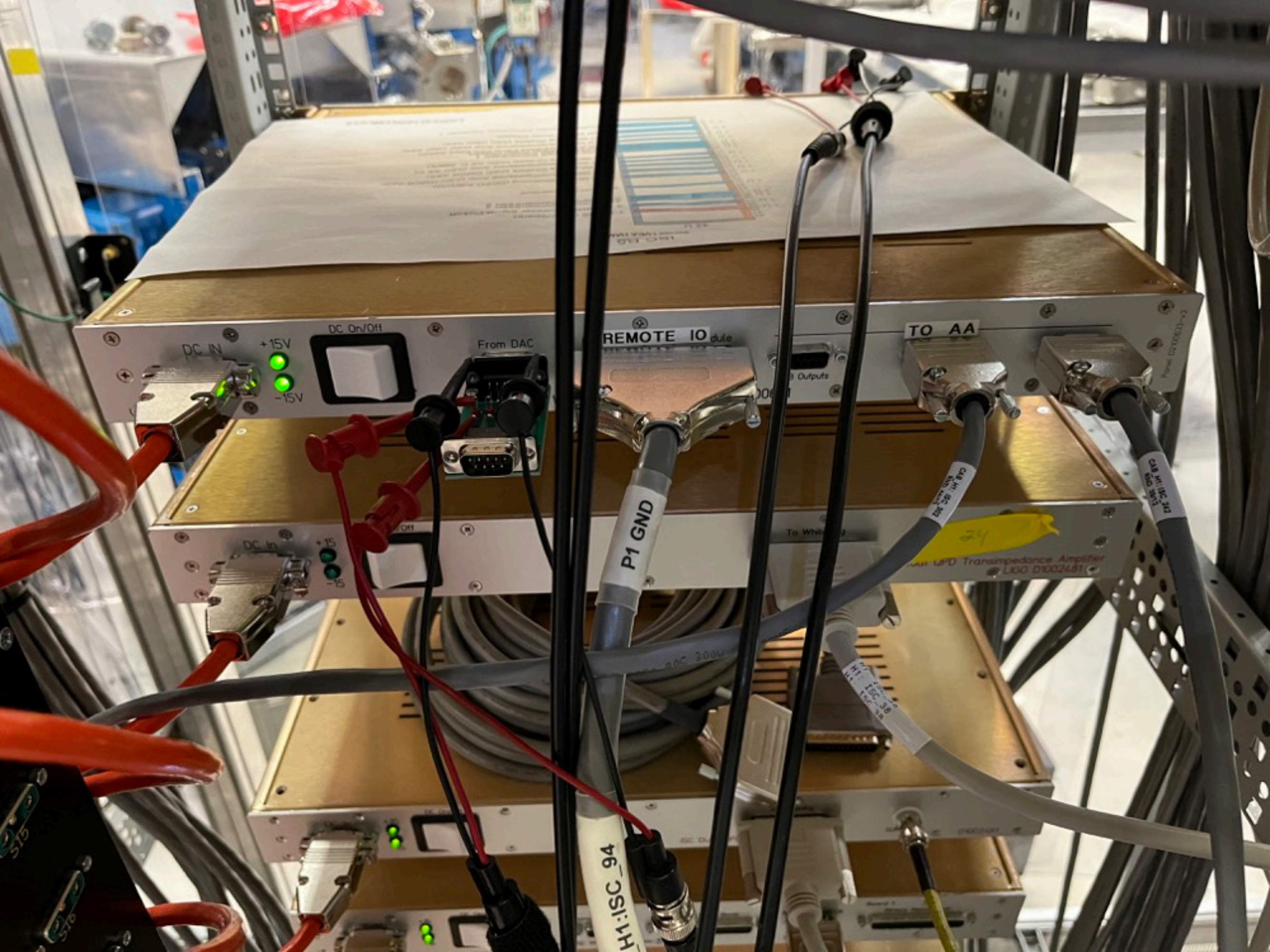
Parameter	Value
Start	1 Hz
Stop	100 kHz
Type	Log
Auto Resolution	Off
Peak	1.2818568 Hz
Mag	2.951
Phase	-108.6 deg

0.0

SR785 Signal Analyzer Accessory Suite 0900068

SRS





REMOTE IO

TO AA

P1 GND

UPD Transimpedance Amplifier  
LIGO D1002481

H11-ISC\_94

DC IN

+15V

-15V

DC On/Off

From DAC

DC In

+15

-15

Off

To White

Part No. 02100003-03

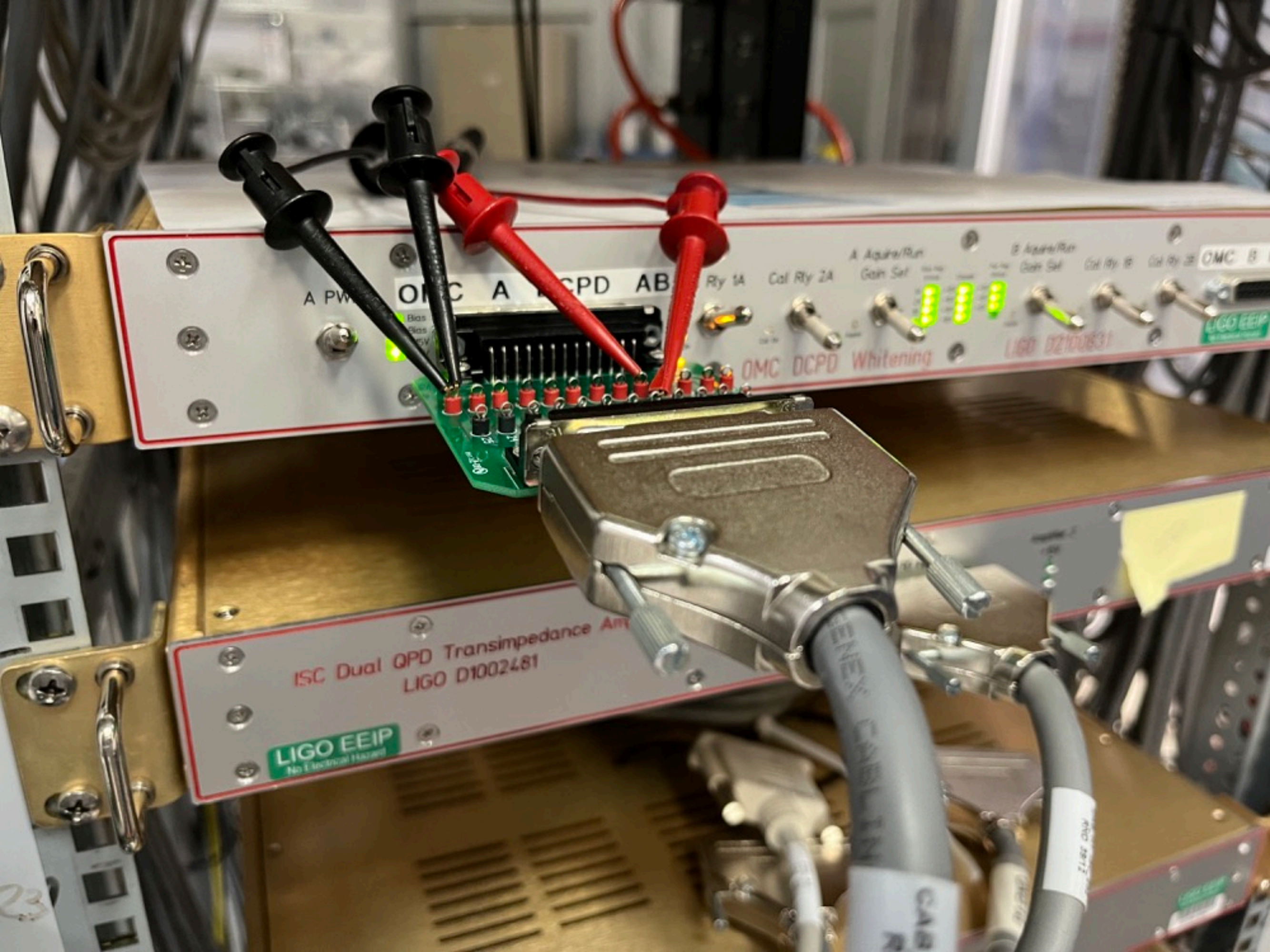
515

510









A PW

OMC A DCPD AB

Ry 1A

Col Ry 2A

A Apure/Run  
Gain Set

B Apure/Run  
Gain Set

Col Ry 1B

Col Ry 2B

OMC B

OMC DCPD Whitening

LIGO D2100831

ISC Dual QPD Transimpedance Amp  
LIGO D1002481

LIGO EEIP  
No Electrical Hazard

CAB

100 2817

23