

Preamp 1443

DeltaTools-500607 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:3.84 PCB rev:3.41

Hardware
Temps(C) PSM: 28,PCB: 28,
Bias Mon:-119 V, Set:-120 V
DetTemp Mon:-14 C, Set:-30 C
Peltier Mon:3580 mV
Filter Mon:0, Set:0, Encoder:199
PSM Voltage:7506 mV
Battery Voltage:7808 mV,Current: 1094mA
Tube usage:41.38 hrs, 38.32kV, 21.02 uA
Pressure:1020.59 mBar



DeltaTools-500607 [OK] [X]

DPP | I2C_Browser | Status [◀] [▶]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:3.84 PCB rev:3.41

Hardware
Temps(C) PSM: 29,PCB: 28,
Bias Mon:-119 V, Set:-120 V
DetTemp Mon:-14 C, Set:-30 C
Peltier Mon:3583 mV
Filter Mon:0, Set:0, Encoder:199
PSM Voltage:7488 mV
Battery Voltage:7801 mV,Current: 1081mA
Tube usage:41.38 hrs, 38.32kV, 21.02 uA
Pressure:1020.55 mBar



DeltaTools-500607

HW Check DPP/IAoffset Filter Set

DPP Setup

- RC Hood
- RC/G
- RC Decay
- Stop
- Rate-Pk

$\times 10^3$ Chart

Channel	Value ($\times 10^3$)
0.0	0.50
10.0	0.50
20.0	0.50
30.0	0.50

Channel

Find/Save IA offset Check M6 Spectra Stability Current

Saved all DPP params to database.
Finding appropriate current
iter0, IAset 20.0uA, 2838cps
iter1, IAset 100.0uA, 2866cps



DeltaTools-500607

HW Check DPP/IAoffset Filter Set

DPP Setup

- RC Hood
- RC/G
- RC Decay
- Gain
- Rate-Pk

Find/Save IA offset Check M6 Spectra Stability Current

iter1, IAset 100.0uA, 2866cps
Determining Gain
Error fitting Fe or Mo peak, get PEng or R&D help



DeltaTools-500607

HW Check DPP/IAoffset Filter Set

DPP Setup

Stop

RC/G

RC Decay

Gain

Rate-Pk

Pk1=0.0 Res=180.0

Channel

Find/Save IA offset Check M6 Spectra Stability Current

```

Determining RCDecay neighborhood
old RC Decay: 541
#1/2: 541 180.00 0.00 2906
#2/2: 327 180.00 0.00 2928
    
```



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DPP rev:2.12.1
PSM rev:3.84 PCB rev:3.41

Hardware
Temps(C) PSM: 34,PCB: 29,
Bias Mon:-119 V, Set:-120 V
DetTemp Mon:-13 C, Set:-30 C
Peltier Mon:3583 mV
Filter Mon:0, Set:0, Encoder:200
PSM Voltage:7365 mV
Battery Voltage:7681 mV,Current: 1129mA
Tube usage:41.39 hrs, 38.32kV, 21.02 uA
Pressure:1020.50 mBar



Preamp PO2301

DeltaTools-500607 [OK] [X]

DPP | I2C_Browser | Status

Software

DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:3.84 PCB rev:3.41

Hardware

Temps(C) PSM: 30,PCB: 30,
Bias Mon:-120 V, Set:-120 V
DetTemp Mon:-13 C, Set:-30 C
Peltier Mon:3580 mV
Filter Mon:0, Set:0, Encoder:202
PSM Voltage:7527 mV
Battery Voltage:7818 mV,Current: 1081mA
Tube usage:41.39 hrs, 38.32kV, 21.02 uA
Pressure:1020.29 mBar



DeltaTools-500607

HW Check DPP/IAoffset Filter Set

DPP Setup

Stop

RC/G

RC Decay

Gain

Rate-Pk

Chart

Channel

Find/Save IA offset Check M6 Spectra Stability Current

```
iter0, IAset 20.0uA, 3393cps  
iter1, IAset 100.0uA, 3412cps  
Determining RCDecay neighborhood  
old RC Decay: 541
```



DeltaTools-500607

HW Check DPP/IAoffset Filter Set

DPP Setup

Stop

RC/G

RC Decay

Gain

Rate-Pk

Find/Save IA offset

Check M6 Spectra

Stability Current

Determining RCDecay neighborhood
 old RC Decay: 541
 #1/2: 541 180.00 0.00 3453
 #2/2: 327 180.00 0.00 3505



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PSM rev:3.84 PCB rev:3.41

Hardware
Temps(C) PSM: 34,PCB: 30,
Bias Mon:-119 V, Set:-120 V
DetTemp Mon:-13 C, Set:-30 C
Peltier Mon:3580 mV
Filter Mon:0, Set:0, Encoder:200
PSM Voltage:7470 mV
Battery Voltage:7755 mV,Current: 1107mA
Tube usage:41.41 hrs, 38.32kV, 21.02 uA
Pressure:1020.38 mBar

