

Preamp DO 5901

DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status [◀] [▶]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 36,PCB: 27,
Bias Mon:170 V, Set:170 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:1711 mV
Filter Mon:0, Set:0, Encoder:199
PSM Voltage:8895 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.00 hrs, 0.00kV, 0.00 uA
Pressure:1003.13 mBar



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status [◀] [▶]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 36,PCB: 27,
Bias Mon:170 V, Set:170 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:1736 mV
Filter Mon:0, Set:0, Encoder:199
PSM Voltage:8952 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.00 hrs, 0.00kV, 0.00 uA
Pressure:1003.28 mBar



Home Capture Buttons View

File Explorer Software Install Task Manager Registry Editor Device Information Troubleshooting Tools

Switch-off Screen Erase Device Content Reboot Device Switch-off Device Actions

Draw Talk Chat Collaborative Tools

Настройки

Нет ошибок

СОСТ. ОБОРУД.

Pulse Processor: USB DPP rev: 2.12.1
PCB rev:3.41.0, PSM rev:4.8.0
PCBTemp:36° C, PSMTemp:42° C
Bias Mon:159 V, Set:160 V,
DetTemp Mon:-34° C, Set:-35° C
Peltier Mon:2.04 V,
Filter Mon:0, Set:0
Battery Voltage:8.93 V, Current:0.65 A
Tube Voltage Mon:0.1 kV, Set:0.0 kV
Tube Current Mon:0.4 uA, Set:0.0 uA
Tube Power Supply Power:0.34 W
Tube usage: 0.3 hrs, 34 kV, 34 uA avg
Tube conditions: DISABLED
Ambient Pressure Mon:1003

Требуется проверка системы 20:58



Controlling... 140%

Home Capture Buttons View

File Explorer Software Install Task Manager Registry Editor Device Information Troubleshooting Tools

Switch-off Screen Erase Device Content Reboot Device Switch-off Device Actions

Draw Talk Chat Collaborative Tools

Анализ-Сплав

Проверка системы - Неу
Скорость (зн./с7781
Разрешение (эЕ200

Начать
конфиг.

Cal ! [Wrench] [Pie Chart] [Home]

Требуется проверка системы 20:57



Controlling...

140%

Taskbar icons: Start, Internet Explorer, Firefox, Chrome, File Explorer, Task Manager, Registry Editor, Device Information, Troubleshooting Tools, and system tray icons including volume, network, and power.

Home Capture Buttons View

File Explorer Software Install Task Manager Registry Editor Device Information Troubleshooting Tools

Switch-off Screen Erase Device Content Reboot Device Switch-off Device Actions

Draw Talk Chat Collaborative Tools

Анализ-Сплав

Проверка системы - Неу
Скорость (зн./с7640
Разрешение (эЕ199

Начать
конфиг.

Cal ! [Tools] [Home]

Требуется проверка системы 21:05



Controlling... 140%

Taskbar icons: Start, Internet Explorer, Firefox, Chrome, File Explorer, Task Manager, Registry Editor, Device Information, Troubleshooting Tools, and system tray icons including volume, network, and power.

DeltaTools-560257

OK X

HW Config HW Check DPP/IAoffs

Model **Classic** has camera

Serial# 257 SN=560257 has collimator

Detector 900043/A6
123456 bias 160

Tube NSI 40kV Au 79
10-16789

ignore starting profile

Reset DPP

Cal Motor Save Config Save S/N



DeltaTools-560257 [OK] [X]

DPP I2C_Browser Status [Left] [Right]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 42,PCB: 36,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2056 mV
Filter Mon:0, Set:0, Encoder:200
PSM Voltage:8952 mV
Battery Voltage:----mV,Current: ----mA
Tube usage:0.29 hrs, 32.83kW, 32.83 uA
Pressure:1002.70 mBar



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood RC/G RC Decay Stop Rate-Pk

Chart

Find/Save IA offset Check M6 Spectra Stability Current

Saved all DPP params to database.
 Finding appropriate current
 iter0, IAset 20.0uA, 11840cps
 iter1, IAset 30.4uA, 18249cps



DeltaTools-560257

HW Check DPP/IAoffset Filter Se

DPP Setup

RC Hood
RC/G
RC Decay
Stop
Rate-Pk

$\times 10^3$ Pk 1=306.8 Res=196.7

Find/Save IA offset Check M6 Spectra Stability Current

```

iter0, IAset 20.0uA, 11840cps
iter1, IAset 30.4uA, 18249cps
iter2, IAset 30.0uA, 17862cps
Determining Gain
    
```



DeltaTools-560257

HW Check DPP/IAoffset Filter Se

DPP Setup

RC Hood
RC/G
RC Decay
Stop
Rate-Pk

$\times 10^3$ Pk1=319.1 Res=196.4

Channel

Find/Save IA offset Check M6 Spectra Stability Current

ICR=17606
Saved Gain to DPP board: 104
Saved RCDecay to DPP board: 323
Saved all DPP params to database.



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

- RC Hood
- RC/G
- RC Decay
- Gain
- Stop

Find/Save IA offset Check M6 Spectra Stability Current

Saved RCDecay to DPP board: 325
Saved all DPP params to database.
Finding appropriate current for peak shift high count rate

Channel	Value
315.0	210
318.7	205
320.0	200
325.0	200
330.0	205
335.0	210



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

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

$\times 10^3$ Pk 1=318.76 Res=205.7

Find/Save IA offset Check M6 Spectra Stability Current

Res=205.6+/-2.10
ICR=2019

Final: Gain 104, RC Decay 325



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 45,PCB: 39,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:21I2 mV
Filter Mon:0, Set:0, Encoder:207
PSM Voltage:8952 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.38 hrs, 34.19kV, 31.63 uA
Pressure:1002.80 mBar



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 45,PCB: 39,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2148 mV
Filter Mon:0, Set:0, Encoder:203
PSM Voltage:8943 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.39 hrs, 34.31kW, 31.63 uA
Pressure:1002.87 mBar



24 08 2016 DO 5901

DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 30,PCB: 25,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:1680 mV
Filter Mon:0, Set:0, Encoder:197
PSM Voltage:8952 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.79 hrs, 30.03kV, 26.63 uA
Pressure:999.83 mBar



DeltaTools-560257

HW Check DPP/IAoffset Filter Se: ◀ ▶

X-RayTube

High V	Pass
Low V	Pass

FilterWheel

MaxEncoder	Pass
MaxWait	Pass

Detector

Bias	Pass
TempMon	Pass
VPeltMon	Pass
DarkRate	Pass 2cps

Start Camera LED



DeltaTools-560257

OK X

DPP | I2C_Browser | Status

Software

DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware

Temps(C) PSM: 34,PCB: 27,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:1716 mV
Filter Mon:0, Set:0, Encoder:200
PSM Voltage:8961 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.80 hrs, 29.95kV, 28.43 uA
Pressure:999.58 mBar



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood

RC/G

RC Decay

Stop

Rate-Pk

Find/Save IA offset

Check M6 Spectra

Stability Current

Saved all DPP params to database.
 Finding appropriate current
 iter0, IAset 20.0uA, 11744cps
 iter1, IAset 30.7uA, 17992cps



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood
RC/G
RC Decay
Stop
Rate-Pk

$\times 10^3$ Pk1=278.6 Res=197.9

Channel

Find/Save IA offset Check M6 Spectra Stability Current

ICR=17732
Saved Gain to DPP board: 105
Saved RCDecay to DPP board: 327
Saved all DPP params to database.



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood
RC/G
RC Decay
Stop
Rate-Pk

$\times 10^3$ Pk1=321.3 Res=196.7

7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

0.0 1000.0 2000.0

Channel

Find/Save IA offset Check M6 Spectra Stability Current

Pk1=321.28 Pk2=871.48 Res=196.79
ICR=17682
Successfully wrote m_A0=-49.81869666 to registry



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood RC/G Stop Gain Rate-Pk

$\times 10^3$ Pk1=321.8 Res=194.9

Find/Save IA offset Check M6 Spectra Stability Current

```
#1/11: 317 208.16 323.60 17564
#2/11: 319 202.77 323.04 17639
#3/11: 321 199.20 322.61 17631
#4/11: 323 196.29 322.12 17633
```



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood

RC/G

RC Decay

Stop

Rate-Pk

$\times 10^3$ Pk1=321.8 Res=194.9

Channel

Find/Save IA offset Check M6 Spectra Stability Current

ICR=17652
Saved Gain to DPP board: 104
Saved RCDecay to DPP board: 325
Saved all DPP params to database.



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

- RC Hood
- RC/G
- RC Decay
- Gain
- Stop

Channel

Find/Save IA offset Check M6 Spectra Stability Current

Saved RCDecay to DPP board: 325
Saved all DPP params to database.
Finding appropriate current for peak shift high count rate



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

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

$\times 10^3$ Pk 1=318.81 Res=208.4

Find/Save IA offset Check M6 Spectra Stability Current

Res=208.7+/-2.26
ICR=1988

Final: Gain 104, RC Decay 325



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood

RC/G

RC Decay

Gain

Rate-Pk

$\times 10^3$ Pk.1=318.81 Res=208.4

Find/Save IA offset Check M6 Spectra Stability Current

Final: Gain 104, RC Decay 325
 Determining IA offset... 0.42 uA
 Saving IA offset to database
 IA offset saved, iter#0, diff 0.0047.



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood $\times 10^3 Pk.1=318.81 Res=208.4$

5.0

DeltaTools

Use 60.5uA for stability test

Find/Save IA offset Check M6 Spectra Stability Current

```
IA offset saved, iter#0, diff 0.0047.  
Finding appropriate current  
iter0, IAset 20.0uA, 5947cps  
iter1, IAset 60.5uA, 17990cps
```



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status [◀] [▶]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 38,PCB: 31,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:1828 mV
Filter Mon:0, Set:0, Encoder:190
PSM Voltage:8952 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:0.90 hrs, 30.83kV, 28.43 uA
Pressure:999.46 mBar



DeltaTools-560257

Filter Check STABILITY I-Rate E

Control	Status
Test Time: 20	Peak 1: 0.0
Current: 35.0	Peak 2: 0.0
Voltage: 35.0	Res.: 0.0
Iterations: 2000	ICR: 13382.19
Filter: 1	6.89 6.85 4.86
Off Time: 2	Wall Real Live
Tube off? <input checked="" type="checkbox"/>	Test: 1
Filter Move? <input checked="" type="checkbox"/>	Counts RSD: 0.0
Save Spectra <input checked="" type="checkbox"/>	Res. RSD: 0.0
Skip/Stop	38 31 -99
<input checked="" type="checkbox"/> do low HV tests	psn pcb dpp

35% Stop



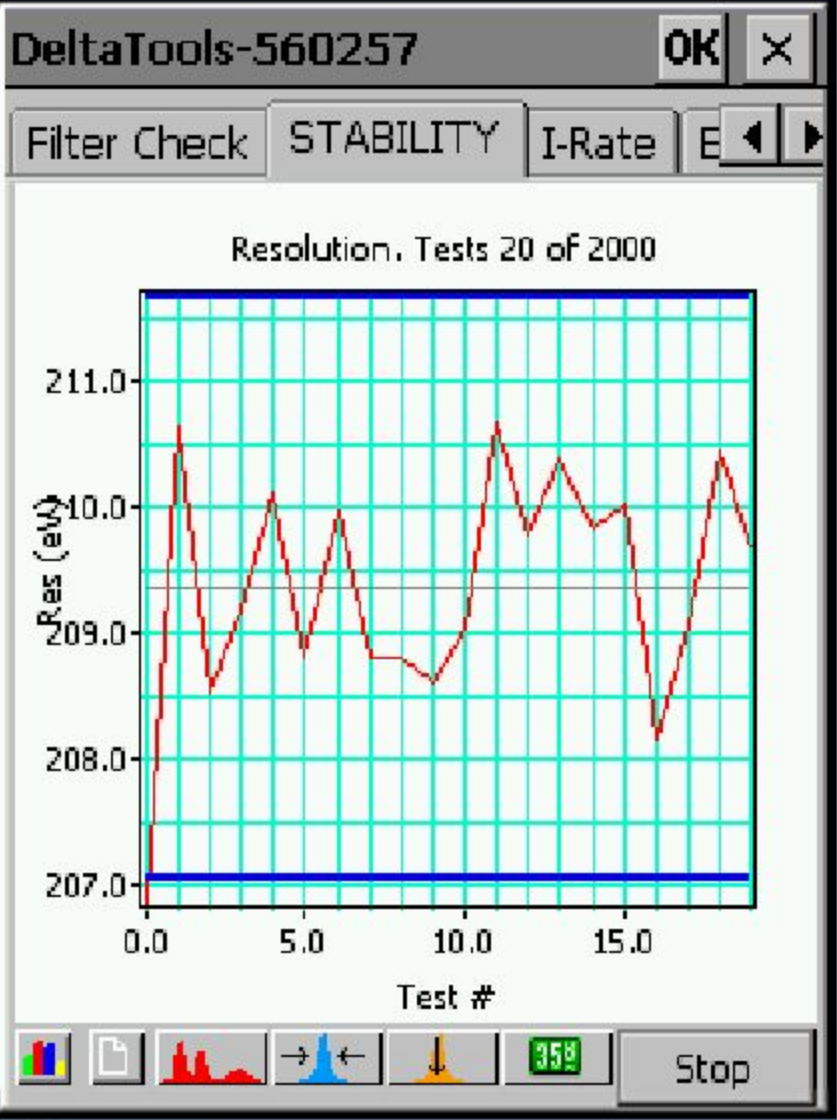
DeltaTools-560257

Filter Check STABILITY I-Rate E ◀ ▶

Control		Status		
Test Time	20	Peak 1	318.673	
Current	35.0	Peak 2	864.334	
Voltage	35.0	Res.	210.44	
Iterations	2000	ICR	13566.66	
Filter	1 ▼	4.68	4.64	3.26
Off Time	2	Wall	Real	Live
Tube off?	<input checked="" type="checkbox"/>	Test	20	
Filter Move?	<input checked="" type="checkbox"/>	Counts RSD	0.19	
Save Spectra	<input checked="" type="checkbox"/>	Res. RSD	0.47	
Skip/Stop	<input type="checkbox"/> <input type="checkbox"/>	40	33	-99
<input checked="" type="checkbox"/> do low HV tests		psn	pcb	dpp

35% Stop





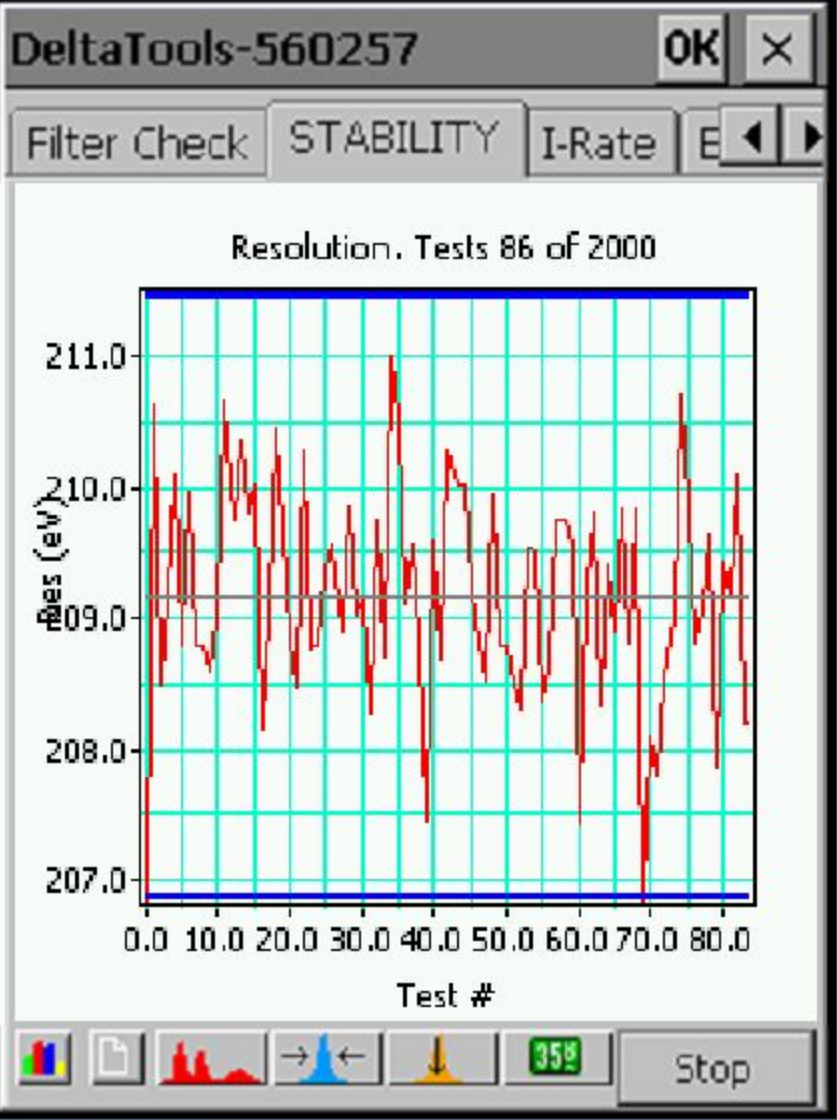
DeltaTools-560257

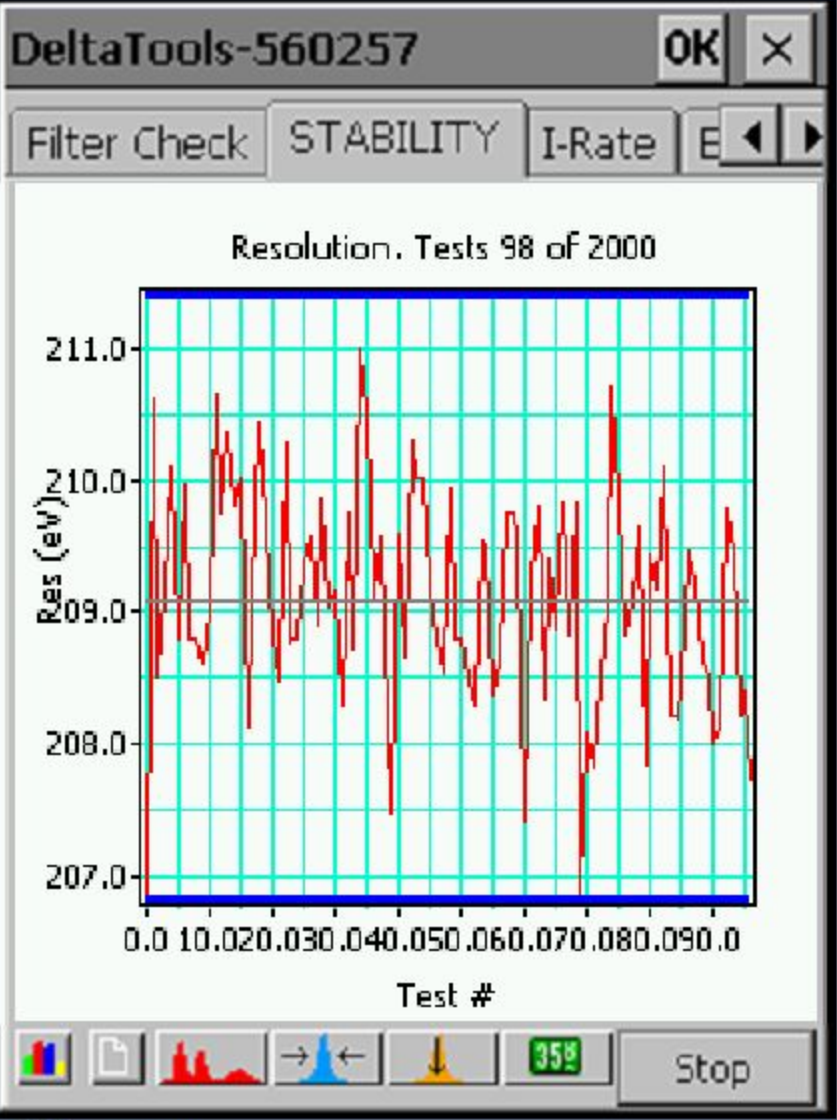
Filter Check STABILITY I-Rate E ◀ ▶

Control		Status		
Test Time	20	Peak 1	318.714	
Current	35.0	Peak 2	864.492	
Voltage	35.0	Res.	208.21	
Iterations	2000	ICR	13486.15	
Filter	1 ▼	15.4	15.4	10.8
Off Time	2	Wall	Real	Live
Tube off?	<input checked="" type="checkbox"/>	Test	85	
Filter Move?	<input checked="" type="checkbox"/>	Counts RSD	0.29	
Save Spectra	<input checked="" type="checkbox"/>	Res. RSD	0.40	
Skip/Stop	<input type="checkbox"/> <input type="checkbox"/>	45	39	-99
<input checked="" type="checkbox"/> do low HV tests		psn	pob	dpp

35%
Stop







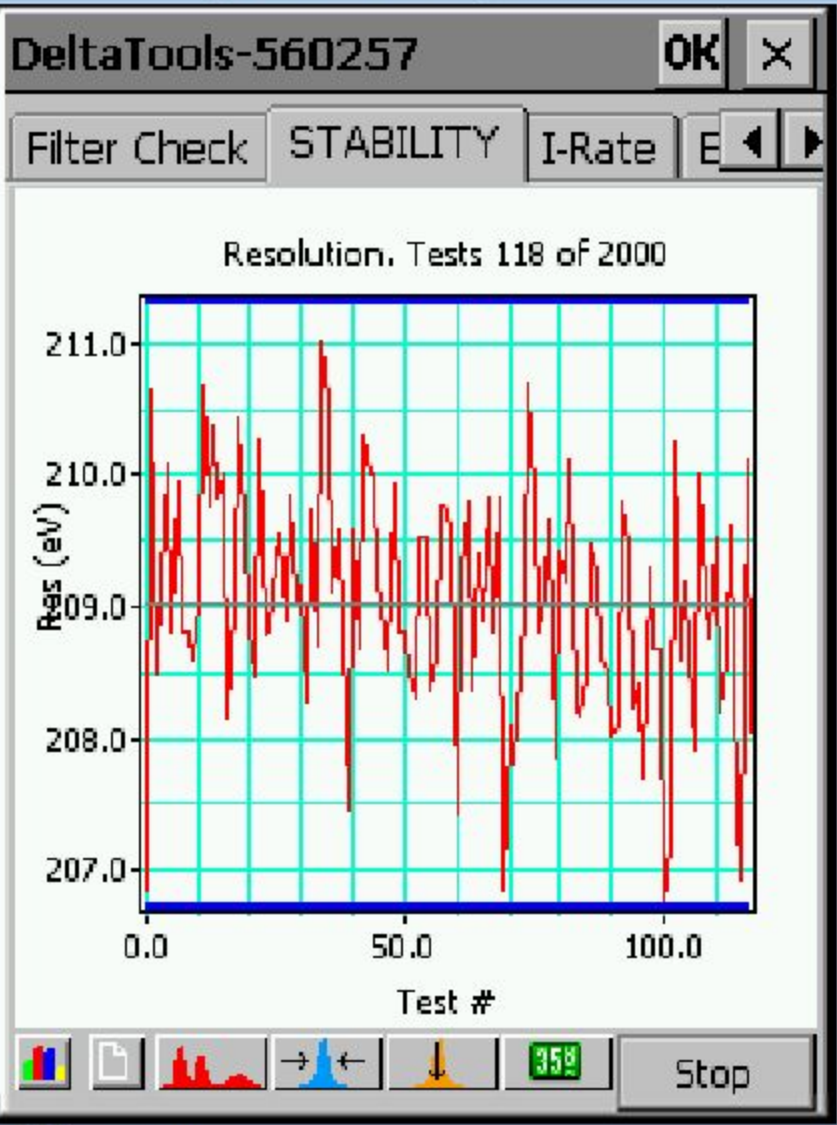
DeltaTools-560257

Filter Check STABILITY I-Rate E ◀ ▶

Control		Status		
Test Time	20	Peak 1	318.698	
Current	35.0	Peak 2	864.521	
Voltage	35.0	Res.	210.13	
Iterations	2000	ICR	13574.90	
Filter	1 ▼	5.74	5.70	4.01
Off Time	2	Wall	Real	Live
Tube off?	<input checked="" type="checkbox"/>	Test	118	
Filter Move?	<input checked="" type="checkbox"/>	Counts RSD	0.30	
Save Spectra	<input checked="" type="checkbox"/>	Res. RSD	0.42	
Skip/Stop	<input type="checkbox"/> <input type="checkbox"/>	47	41	-99
<input checked="" type="checkbox"/> do low HV tests		psn	pcb	dpp

35%
Stop





Home Capture Buttons View

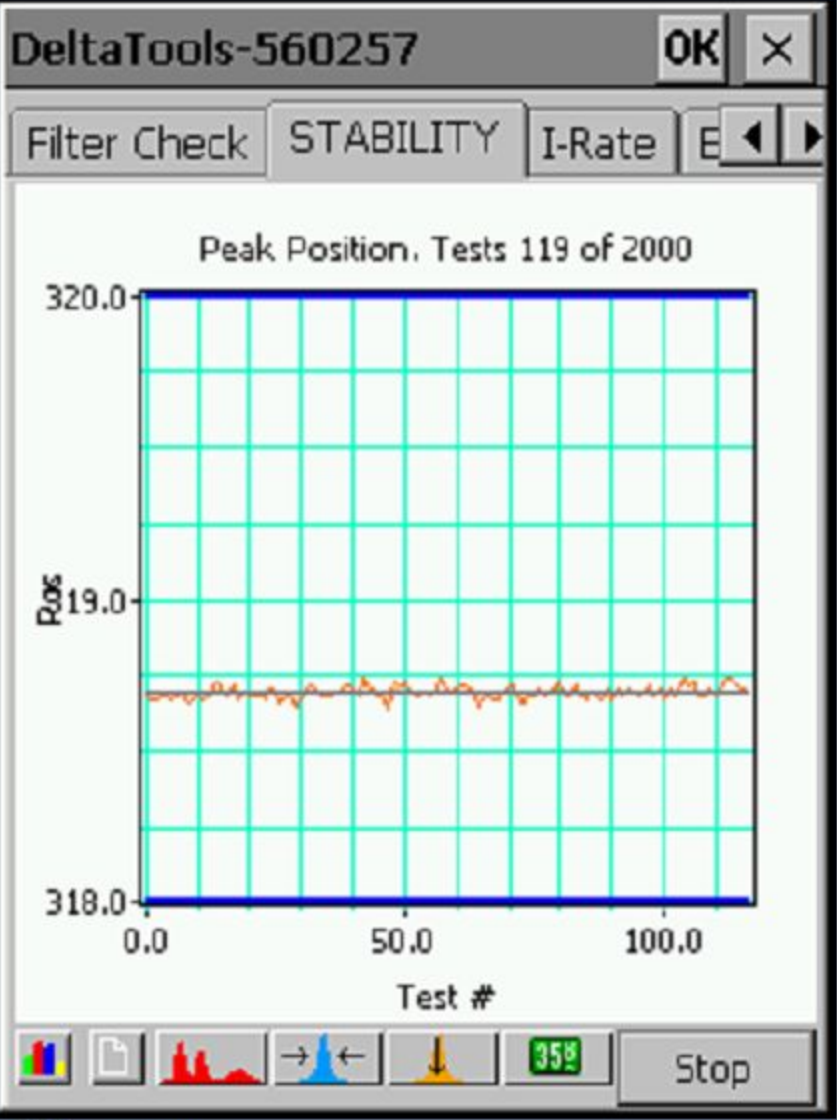
File Explorer Software Install Task Manager Registry Editor Device Information Troubleshooting Tools

Switch-off Screen Erase Device Content Reboot Device Switch-off Device

Draw Talk Chat

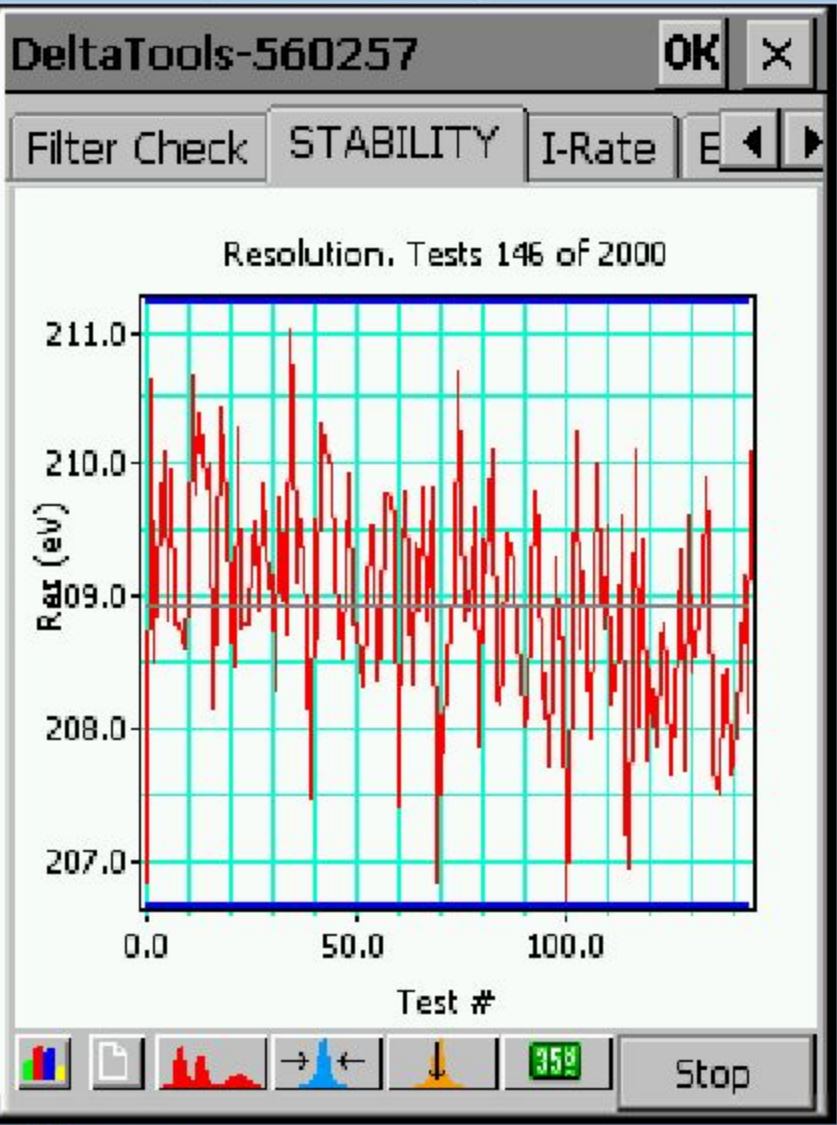
Collaborative Tools

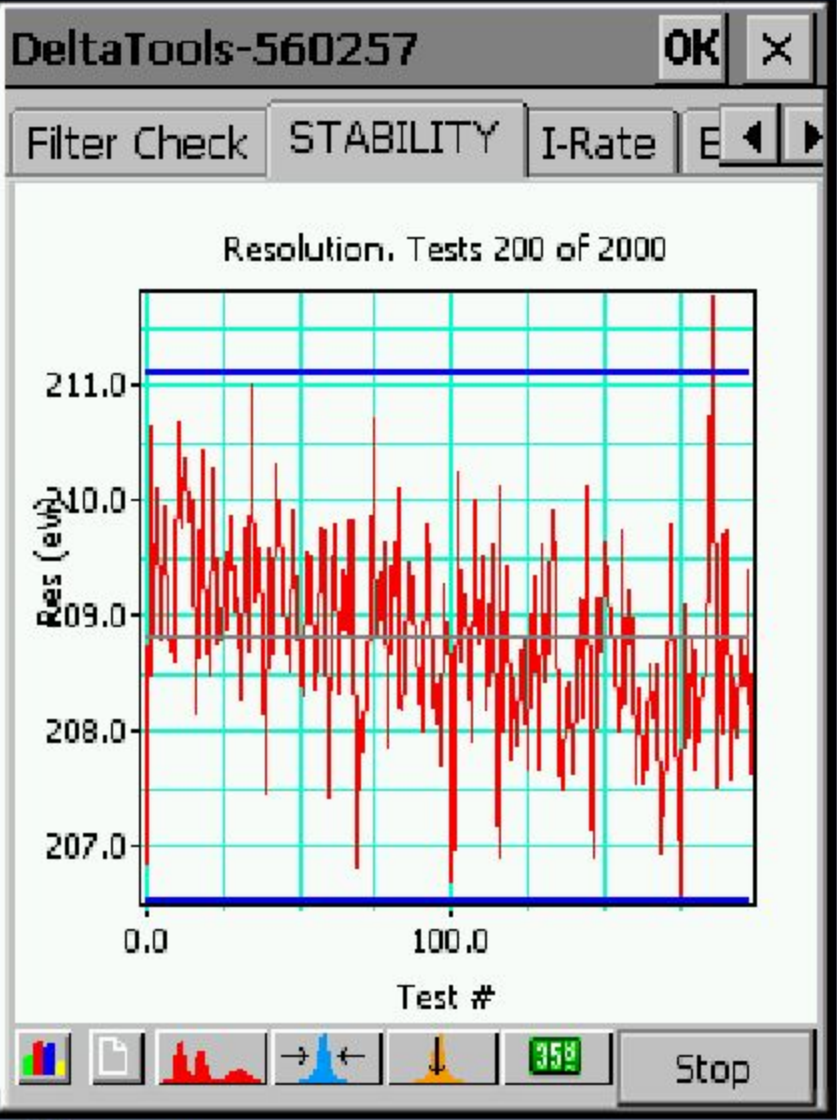
Actions



Controlling...

175%





DeltaTools-560257

Filter Check STABILITY I-Rate E ◀ ▶

Control		Status			
Test Time	20	Peak 1	318.693		
Current	35.0	Peak 2	864.286		
Voltage	35.0	Res.	207.73		
Iterations	2000	ICR	13577.67		
Filter	1 ▼		3.17	3.14	2.21
Off Time	2	Wall	Real	Live	
Tube off?	<input checked="" type="checkbox"/>	Test	205		
Filter Move?	<input checked="" type="checkbox"/>	Counts RSD	0.33		
Save Spectra	<input checked="" type="checkbox"/>	Res. RSD	0.44		
Skip/Stop	<input type="checkbox"/> <input type="checkbox"/>	49	44	-99	
<input checked="" type="checkbox"/> do low HV tests		psn	pcb	dpp	
		35%		Stop	



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 49,PCB: 44,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2335 mV
Filter Mon:0, Set:0, Encoder:206
PSM Voltage:8943 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:1.98 hrs, 33.11kV, 32.03 uA
Pressure:1000.11 mBar



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status [◀] [▶]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 48,PCB: 43,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2290 mV
Filter Mon:0, Set:0, Encoder:206
PSM Voltage:8943 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:1.98 hrs, 33.11kV, 32.03 uA
Pressure:999.91 mBar



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status [◀] [▶]

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 47,PCB: 42,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2234 mV
Filter Mon:0, Set:0, Encoder:206
PSM Voltage:8943 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:1.98 hrs, 33.11kV, 32.03 uA
Pressure:999.81 mBar



24 08 2016 DO 3425

DeltaTools-560257

OK X

DPP | I2C_Browser | Status

Software

DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware

Temps(C) PSM: 42,PCB: 38,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2000 mV
Filter Mon:0, Set:0, Encoder:207
PSM Voltage:8952 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:3.39 hrs, 34.75kV, 36.24 uA
Pressure:1000.19 mBar



DeltaTools-560257

DPP/IAoffset Filter Setup Filter Ch

DPP Setup

RC Hood

RC/G

RC Decay

Stop

Rate-Pk

$\times 10^3$ Pk1=318.4 Res=219.2

Channel

Find/Save IA offset Check M6 Spectra Stability Current

```
registry
Saved Gain to DPP board: 104
Saved RCDecay to DPP board: 325
Saved all DPP params to database.
```



DeltaTools-560257

OK X

DPP/IAoffset Filter Setup Filter Ch ◀ ▶

DPP Setup

RC Hood

RC/G

Stop

Gain

Rate-Pk

$\times 10^3$ Pk1=317.6 Res=228.4

Channel

Find/Save IA offset Check M6 Spectra Stability Current

```
#4/11: 321 227.24 319.20 17631
#5/11: 323 224.44 318.88 16449
#6/11: 325 225.05 318.50 17649
#7/11: 327 224.02 317.93 17675
```



DeltaTools-560257

DPP/IAoffset Filter Setup Filter Cl

DPP Setup

RC Hood Best RC= 327 Res=224.02

DeltaTools

 Potential problem:
best resolution 224eV
desired resolution < 210eV.

Find/Save IA offset Check Mb Spectra Stability Current

```
#11/11: 335 238.63 316.38 17513
Saved Gain to DPP board: 104
Saved RCDecay to DPP board: 327
Saved all DPP params to database.
```



DeltaTools-560257

OK X

DPP/IAoffset Filter Setup Filter Cl ◀ ▶

DPP Setup

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

$\times 10^3$ Pk.1=321.15 Res=241.0

2.0
1.0
0.0

0.0 1000.0 2000.0

Channel

Find/Save IA offset Check M6 Spectra Stability Current

Res=239.7+/-2.51
ICR=1257

Final: Gain 105, RC Decay 327



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 46,PCB: 40,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2066 mV
Filter Mon:0, Set:0, Encoder:209
PSM Voltage:8952 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:3.49 hrs, 34.87kV, 36.04 uA
Pressure:1000.37 mBar



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

RC Hood Best RC= 325 Res=224.63

DeltaTools



Potential problem:
best resolution 225eV
desired resolution < 210eV.

Find/Save IA offset Check Mb Spectra Stability Current

```
#9/11: 333 237.10 319.78 17622  
Saved Gain to DPP board: 105  
Saved RCDecay to DPP board: 325  
Saved all DPP params to database.
```



DeltaTools-560257

HW Check DPP/IAoffset Filter Set

DPP Setup

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

$\times 10^3$ Pk.1=318.51 Res=221.1

Find/Save IA offset Check M6 Spectra Stability Current

Res=221.4+/-1.21
ICR=10588

Final: Gain 104, RC Decay 325



DeltaTools-560257 [OK] [X]

DPP | I2C_Browser | Status

Software
DeltaTools:4.4.6
OS rev:1.10.7
DPP rev:2.12.1
PSM rev:4.08 PCB rev:3.41

Hardware
Temps(C) PSM: 48,PCB: 42,
Bias Mon:159 V, Set:160 V
DetTemp Mon:-34 C, Set:-35 C
Peltier Mon:2148 mV
Filter Mon:0, Set:0, Encoder:207
PSM Voltage:8943 mV
Battery Voltage:----mV, Current: ----mA
Tube usage:3.58 hrs, 34.91kV, 36.04 uA
Pressure:1000.51 mBar



