

see also BSØS col log

wed = Day 01

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SETUP SKETCH / REMARKS

CCD-16343, Jan 2014, DU934P-BR-DD

Spect# 100124-5

FO bundle # 280905 = 39 cm long

FO #12 = 37.5 cm

Vert 4.25 ms, normal

Horiz 3 MHz @ 16 bit

```
Pre Amp 4 x
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Shutter 35/35 ms, Full auto

NOTE: Ultrasonic bath was OFF today...

PROCESSED DATE:

BY:

Time	Filename	Int Time/Bin Fact or Gain	Shunt Current	Lamp Voltage	Humidity	Temp.	Remarks
			mA NM	UV mJ	% R.H.	°C	
01:37	TEC on @ -60°C						331x ADU
01:49	s_b20200130001004	30 sec	NA	NA	36	26	bark check w/ room lights ON
2:46	5:8	30	300	2.53			Max Pwr
304	9:012	30	320	2.50			↓
330	13:16	30	350				↓
350	17:20	30	375	2.50	33	27	Max
457	21:24	30	405	0.65			150 μs Adj pwr
510	TEC off				32	26	<NOTE: 183 μs = max adj>
.fits files saved as	16 bit unsigned						

Tue = Day 02

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MLML RADIOMETRIC CALIBRATION LOG

EXPERIMENT HI-2020-01 LOCATION Col van P35
 DATE 05 Feb 2020 OBSERVERS MF
 INSTRUMENT RS S/N 05 CONFIG 101
 COLLECTOR bare FO #6 mux position fiber DISTANCE Jig @ sphere
 SOURCE Ekspla S/N CONFIG 10
 PWR SUPPLY S/N CONFIG
 MULTIMETER S/N SHUNT
 LAMP VOLTAGE CURRENT
 LAMP TIME ON 03:56 WARMUP OFF 06:08 TOTAL 132 min

WHERE NODE :: DEV : [DIR]

SETUP SKETCH / REMARKS

16 bit unsigned .fits file save as
 also Σ charge @ 2x Si PD mon
 file = 20200205-01 Keithley.txt

PROCESSED DATE:

BY:

Time	Filename	Int Time/Bin Fact or Gain	Shunt Current nm	Lamp Voltage mV	Humidity % RH.	Temp. °C	Pwr mW	Remarks
03:56	TEC on @ -60°C							
04:09	5,6 20200205 001004	30s, 4x	450	0.51	35	26	148	no sig
26	5:8	30s	500	.505			148	no sig
39	9:12	2.0	550	.59			149	Xpix = 111
4:50	13:16	3.0	600	.78			151	239
500	17:20	3.0	650	.88			152	365
513	21:24	1.5	690	1.27			156	464
525	25:28	1.5	750	1.46	42	26	154	612
536	29:32	1.2	800	0.95			153	735
45	33:36	1.0	850	0.95			153	857
554	37:40	0.5	900	0.95			153	979
0602	41:44	10s	950	0.945			153	no sig

612

TEC OFF

40 26

(21-Feb-05 MF)

Thu Day 3

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MLML RADIOMETRIC CALIBRATION LOG			
EXPERIMENT	HI-2020-01		LOCATION
DATE	07 Feb 2020	OBSERVERS	MF
INSTRUMENT	RS	S/N	05
COLLECTOR	base FO #6	CONFIG	101
	mux	position	fiber
SOURCE	Ekspla	S/N	10
PWR SUPPLY		S/N	CONFIG
MULTIMETER		S/N	SHUNT
LAMP VOLTAGE		CURRENT	
LAMP TIME	ON 01:12	WARMUP	OFF 03:43 TOTAL
WHERE NODE :: DEV : [DIR]			

SETUP SKETCH / REMARKS

Full holes today

PROCESSED DATE:

BY:

Time	Filename	Int Time/Bin Fact or Gain	Shunt Current mA nm	Lamp Voltage mV	Humidity % R.H.	Temp. °C	pwr mW	Remarks
01:10	-60°C TEC ON							
01:49	5, 20200207 001.004	30s 4x	355	2.53	61	24	MAX	Fluor sig?
205		5:8 10s	475	0.43			147	no sig
215		9:12 30	520	0.61			149	X pix ~ 20? = smear
24		13:16 30	530	0.60			149	56?
33		17:20 8	540	.61			149	86
		21:24 0.88	575	.805	62	25	151	175
300		25:28 3.3	625	.79			151	302
11		29:32 1.0	702	1.28			156	494
22		33:36 0.55	775	1.09			154	673
31		37:40 .44	875	1.09			154	918
38		41:44 .44	909	0.99			153	

03:44 TEC OFF

(21-Feb-05 MF)

Fri = Day 04

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MLML RADIOMETRIC CALIBRATION LOG

EXPERIMENT HI-2020-01 LOCATION van@P35
DATE 08 Feb 2020 OBSERVERS MF
INSTRUMENT RS S/N 05 CONFIG 101
COLLECTOR bone FO #6
SOURCE Ekspla S/N CONFIG 10
PWR SUPPLY S/N CONFIG
MULTIMETER S/N SHUNT
LAMP VOLTAGE CURRENT
LAMP TIME ON 05:08 WARMUP OFF 07:34 TOTAL

WHERE NODE::DEV:[DIR]

SETUP SKETCH / REMARKS

saturate, near centre - o - ccd
PD#A = old LabSphere @
20200208-01_Keithley.txt

Q: is there leftover structure
~ 512 pix in boc scans
after the saturated lite scans?

PROCESSED DATE:

BY:

Time	Filename	Int Time/Bin Fact or Gain	Shunt Current mA	Lamp Voltage V	Humidity % R.H.	Temp. °C	Pwr mW	Remarks
05:04	-60°C TEC=ON							
0651	5620200208 001:004	0.5s, 4x	709	1.45	55	25	158	Xpix = 512
56	5:8, 9:12, 13:16	1, 10, 30	"	1.46			"	
0709	17:20, 21:24	60, 120s	"	1.445	51	25	"	
739	TEC OFF				55	25		

Mon / Day 05

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MLML RADIOMETRIC CALIBRATION LOG

SETUP SKETCH / REMARKS

EXPERIMENT HI-2020-01 LOCATION Van @ Tent @ P35

DATE 11 Feb 2020 OBSERVERS MF

INSTRUMENT	RS'	S/N	05	CONFIG	101
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COLLECTOR	FO #	position	fiber	DISTANCE
base	6			

SOURCE	Oriel 6000	S/N	371	CONFIG
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PWR SUPPLY Oriel 68830 S/N 381 CONFIG

MULTIMETER	S/N	SHUNT
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LAMP VOLTAGE $\sim 4 \text{ V}_{dc}$ CURRENT $\sim 5 \text{ A}_{dc}$, $\sim 22 \text{ W}$

LAMP TIME ON 00:38 WARMUP OFF 01:13 TOTAL

WHERE NODE :: DEV : [DIR]

PROCESSED DATE:

BY:

[illegible]

Thu $\frac{1}{2}$ Day 6

MLML RADIOMETRIC CALIBRATION LOG

SETUP SKETCH / REMARKS

EXPERIMENT HI-2920-01. LOCATION Rm 124 P35

DATE 14 Feb 2020 OBSERVERS MF

INSTRUMENT RS S/N 05 CONFIG 101

COLLECTOR	all bare Fos	DISTANCE
	mux position fiber	

SOURCE	Room Fluorescent light	S/N	CONFIG	via white packing foam
PWR SUPPLY		S/N	CONFIG	
MULTIMETER		S/N	CONFIG	

MULTIMETER	S/N	SHUNT
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[illegible]

LAMP TIME	ON	WARMUP	OFF	TOTAL
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WHERE NODE :: DEV : [DIR]

PROCESSED DATE:

BY:

[illegible]