

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 1805 - L2 Version 001  
Chandra X-Ray Center

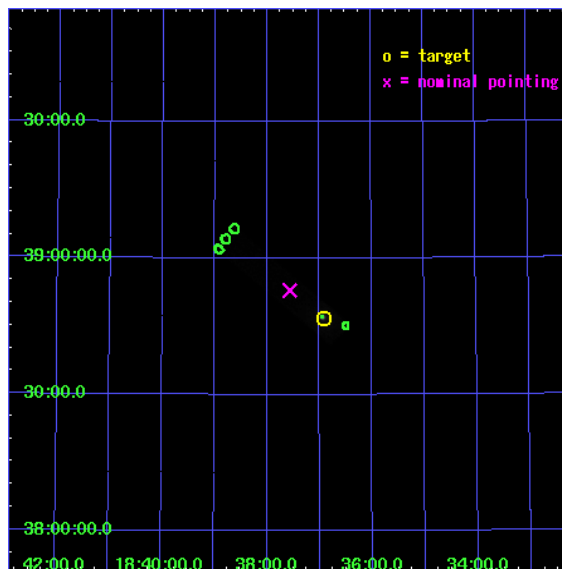
L2 Processing Date : Jun 2 2007

## Contents

<b>1</b>	<b>Front</b>	<b>2</b>
<b>2</b>	<b>OBI</b>	<b>3</b>
2.1	OBI . . . . .	3
2.1.1	Images . . . . .	3
2.1.2	Parameters . . . . .	4
2.1.3	Events . . . . .	4
2.2	Compared Parameters . . . . .	5
2.3	Aspect . . . . .	6
2.4	Star Slots . . . . .	9
2.4.1	Slot 3 . . . . .	9
2.4.2	Slot 4 . . . . .	10
2.4.3	Slot 5 . . . . .	11
2.4.4	Slot 6 . . . . .	12
2.4.5	Slot 7 . . . . .	13
2.5	FID Slots . . . . .	14
2.5.1	Slot 0 . . . . .	14
2.5.2	Slot 1 . . . . .	15
2.5.3	Slot 2 . . . . .	16
<b>3</b>	<b>Point Sources</b>	<b>17</b>
<b>A</b>	<b>Summary</b>	<b>18</b>
A.1	Status . . . . .	18
A.2	Comments . . . . .	18

# 1 Front

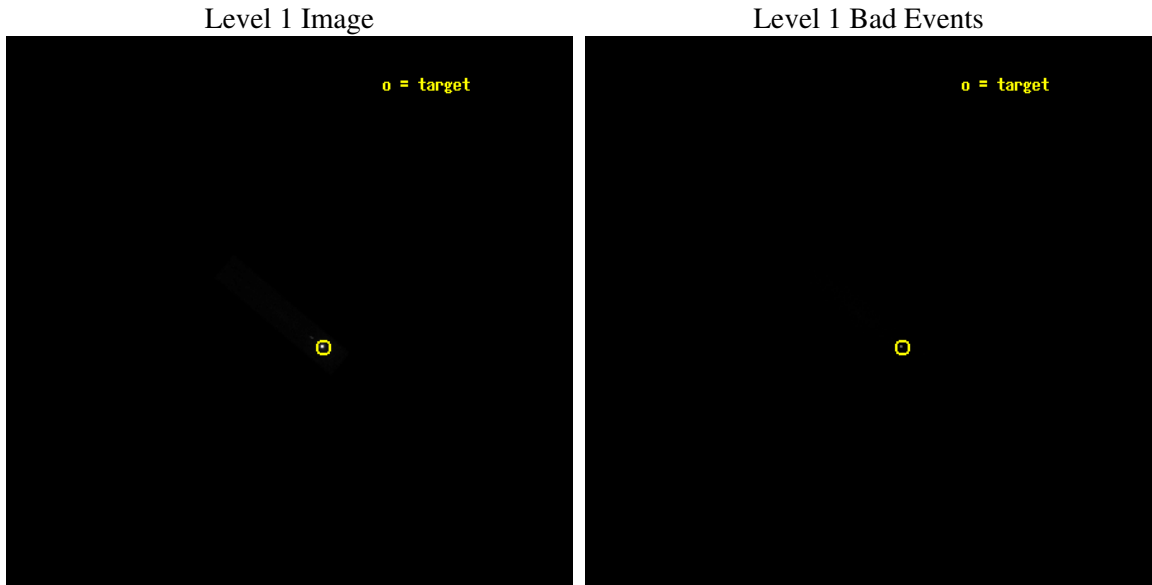
seq_num	290087
obs_id	1805
title	TEST OF UV SENSITIVITY
observer	Dr. CXC Calibration
object	VEGA
ra_targ	279.230833
dec_targ	38.7795
ra_nom	279.39031341961
dec_nom	38.882894178931
roll_nom	219.7323354265
revision	5
ontime	2821.056355074
livetime	1739.9050311622
l2events	500361



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



## 2.1.2 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-02T04:05:08
revision	4

sched_exp_time	3000.000000
ontime	2821.056355074
l1events	532661

## 2.1.3 Events

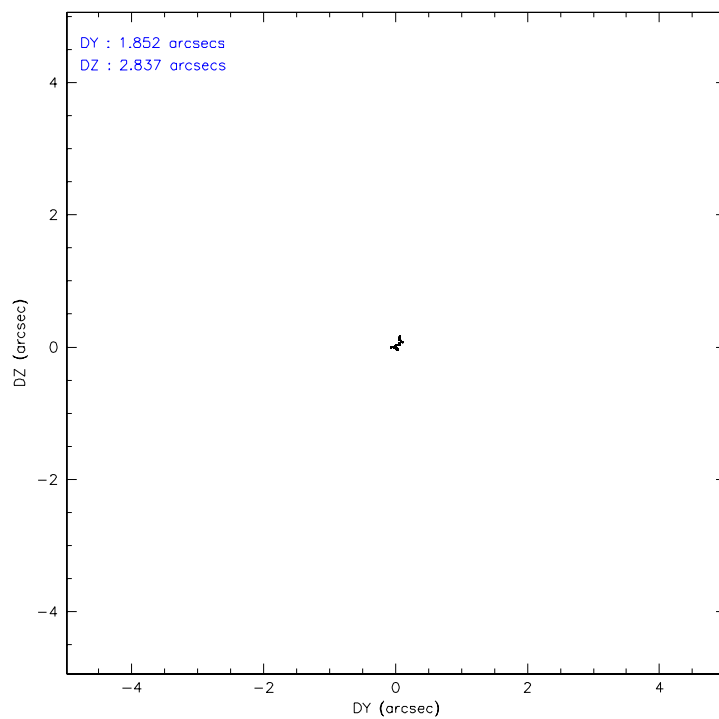
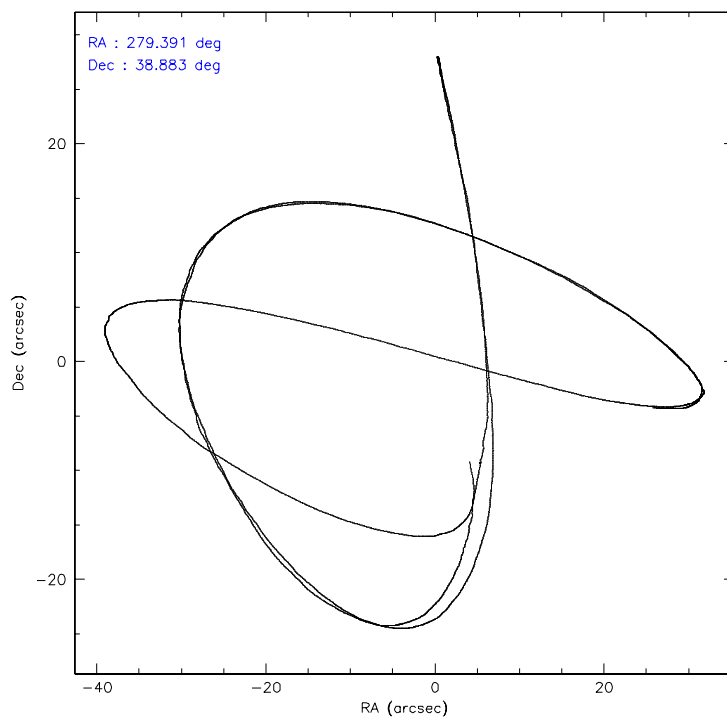
### Level 1 Events

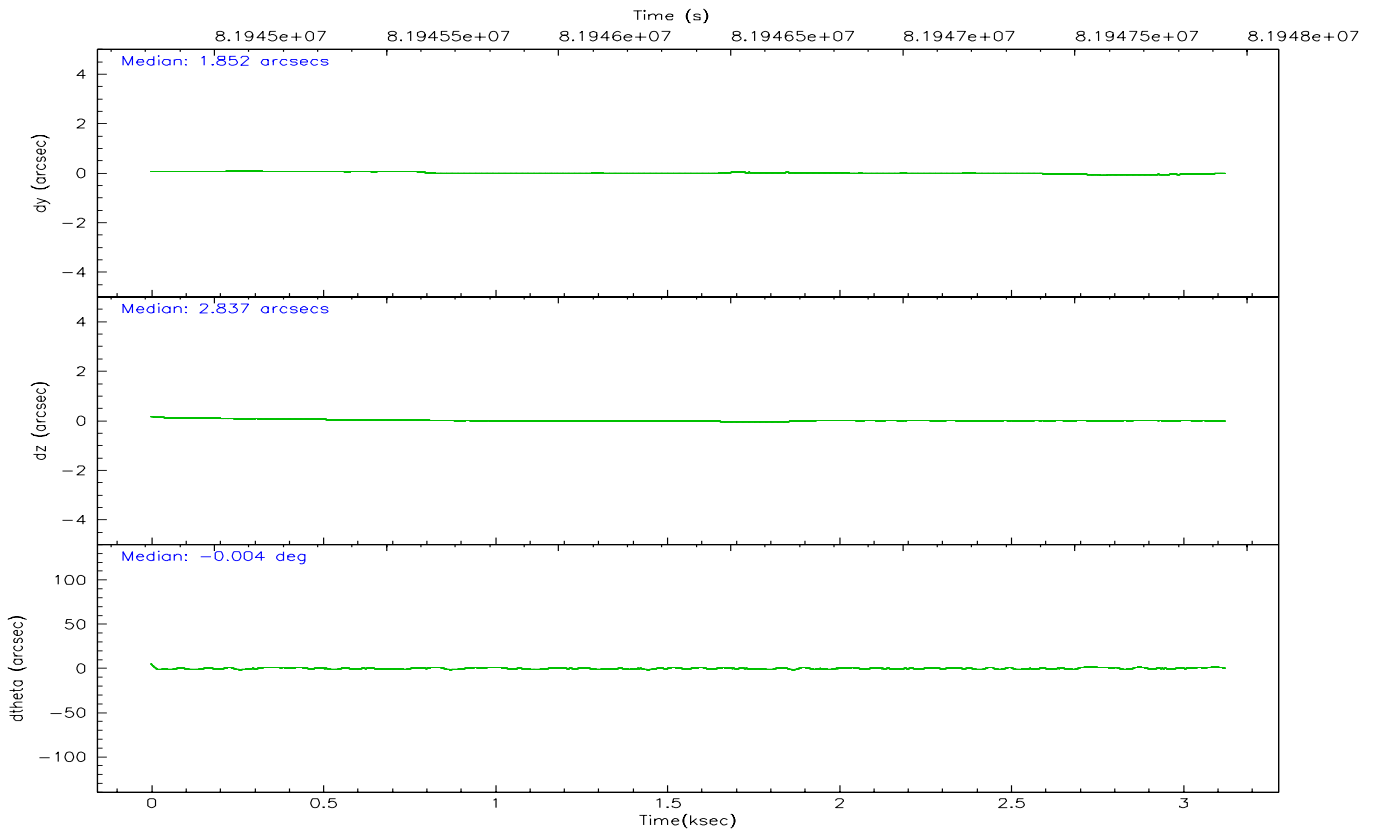
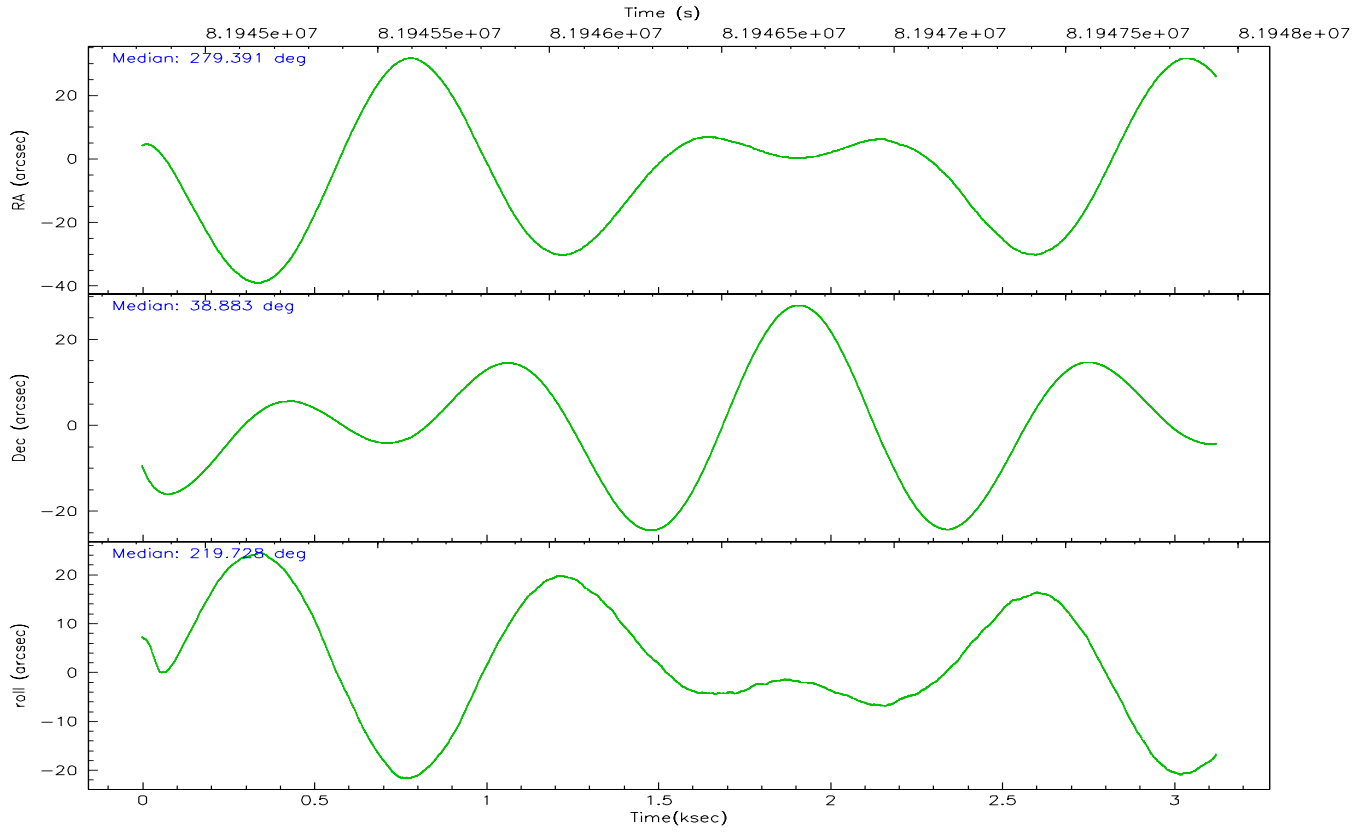
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1	532653	7
rejected events	1	25830	7
rejected %	100%	4%	100%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	279.401698	279.3903134196064			
Pointing Dec	38.910395	38.88289417893142			
Pointing Roll	219.657796	219.7323354264981			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	81944937.184000	81943792.81883501			
Observation start date	2000-08-06T10:27:53	2000-08-06T10:09:52			
Observation end time	81947937.184000	81948071.16899499			
Observation end date	2000-08-06T11:17:53	2000-08-06T11:21:11			

## 2.3 Aspect



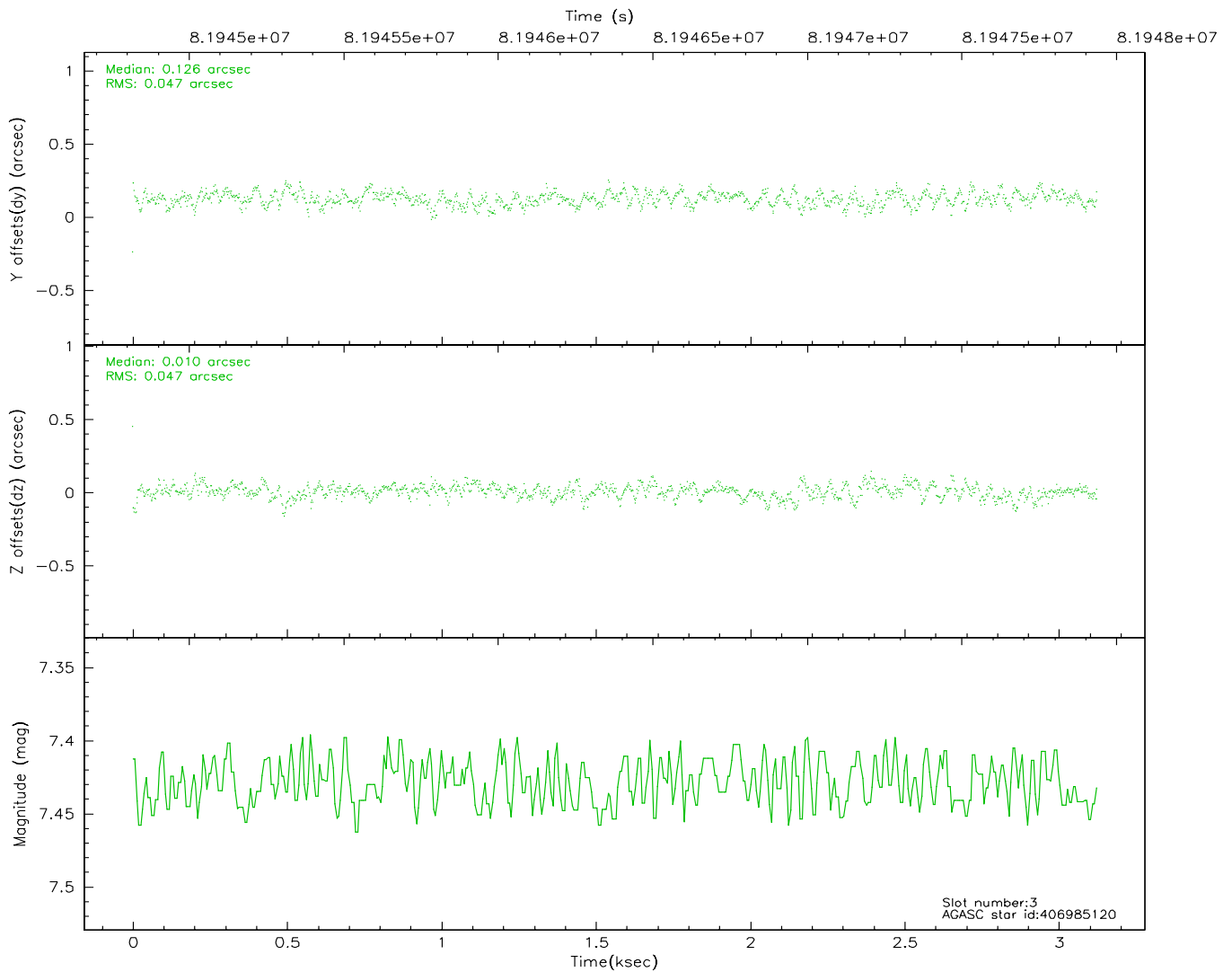
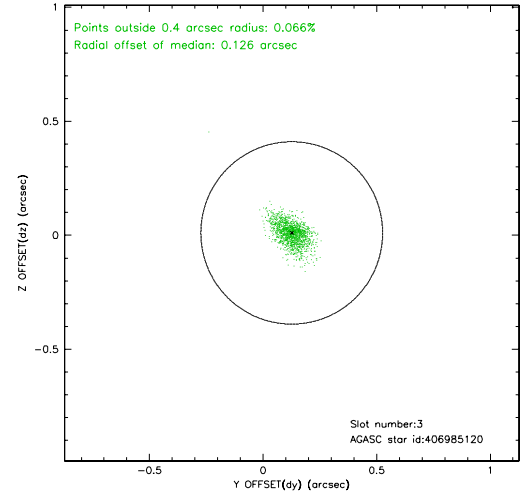
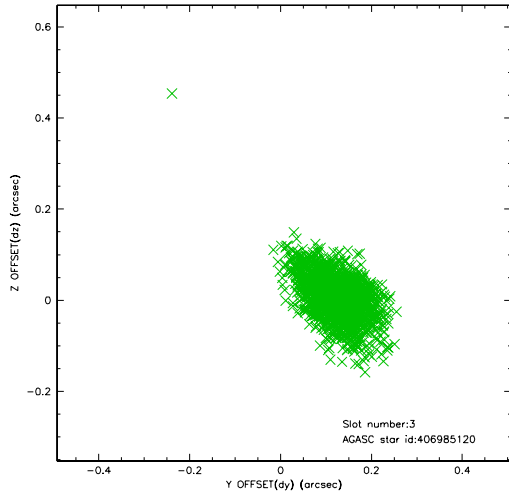


### Slot Statistics

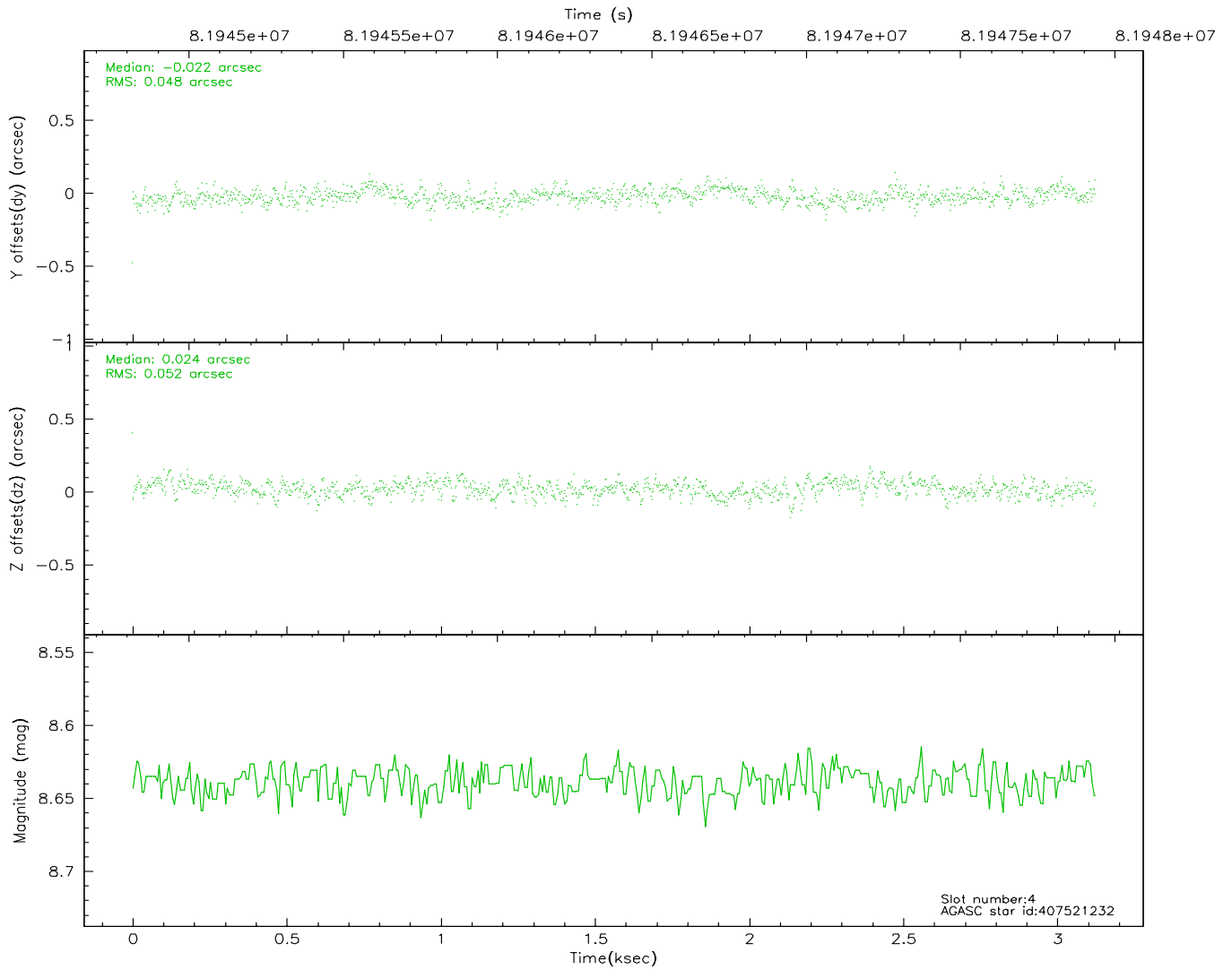
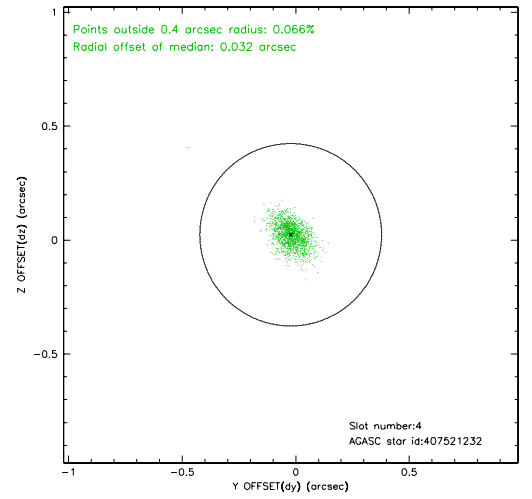
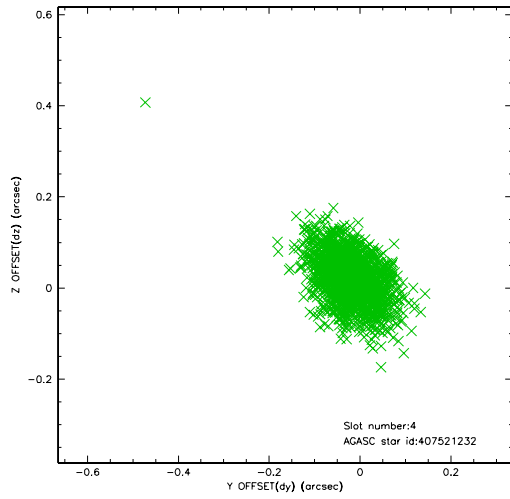
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.99	762	0.122	-0.110	0.007	0.012	0.000000	0.000000	1243.79	-443.89
1	FID	HRC-S-3	7.01	762	0.145	-0.104	0.005	0.009	0.000000	0.000000	-1156.97	577.68
2	FID	HRC-S-4	6.96	762	0.138	-0.082	0.007	0.012	0.000000	0.000000	1240.86	581.62
3	GUIDE	406985120	7.43	1524	0.126	0.010	0.068	0.117	278.839732	38.894839	1244.81	-965.06
4	GUIDE	407521232	8.64	1525	-0.022	0.024	0.073	0.123	279.628883	39.431715	-1683.97	-1042.67
5	GUIDE	406983600	8.93	1525	-0.029	-0.010	0.078	0.135	279.940957	39.020708	-1418.87	653.07
6	GUIDE	406985256	8.61	1525	-0.104	-0.012	0.064	0.110	278.693335	38.842203	1679.68	-1083.66
7	GUIDE	406980288	9.30	1524	0.028	-0.009	0.082	0.135	278.903147	39.061646	723.76	-1311.87

## 2.4 Star Slots

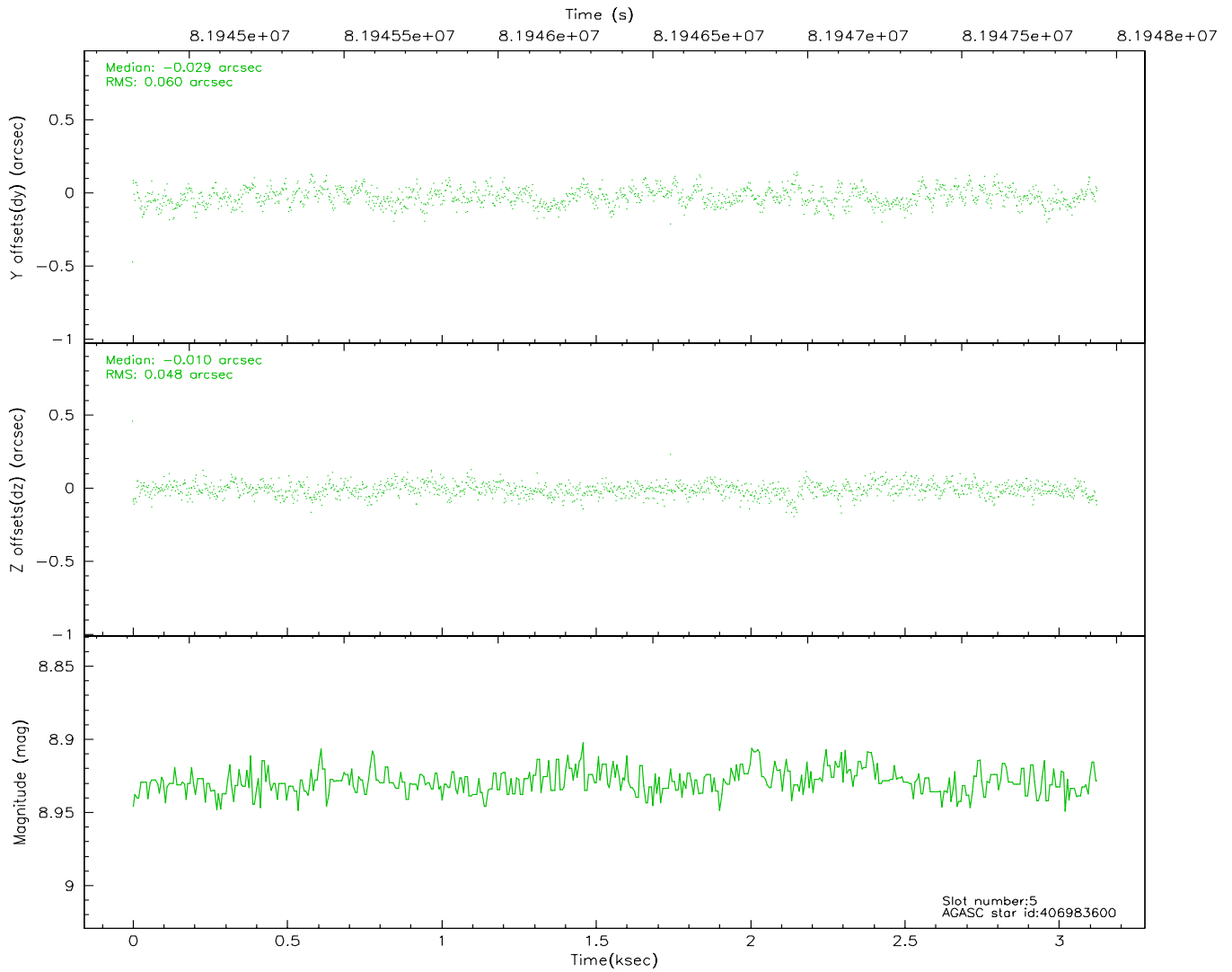
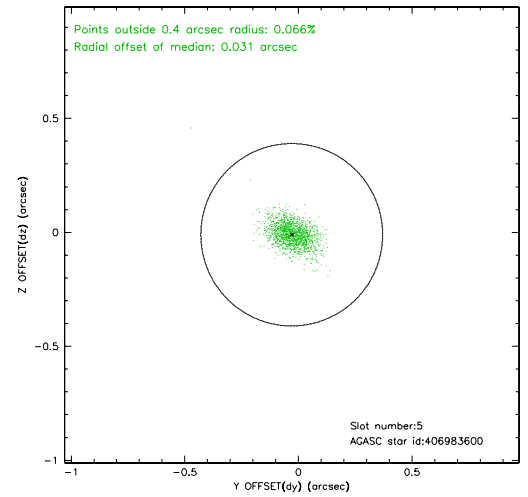
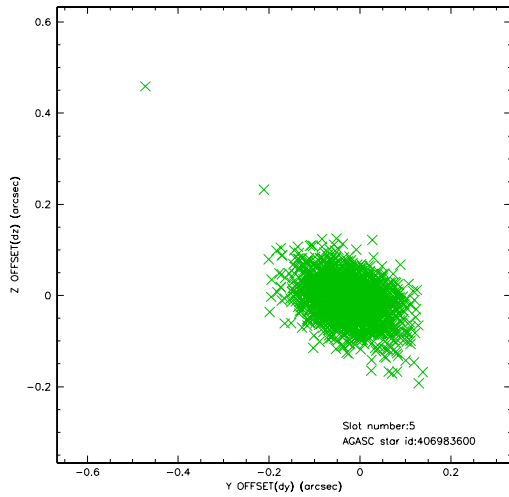
### 2.4.1 Slot 3



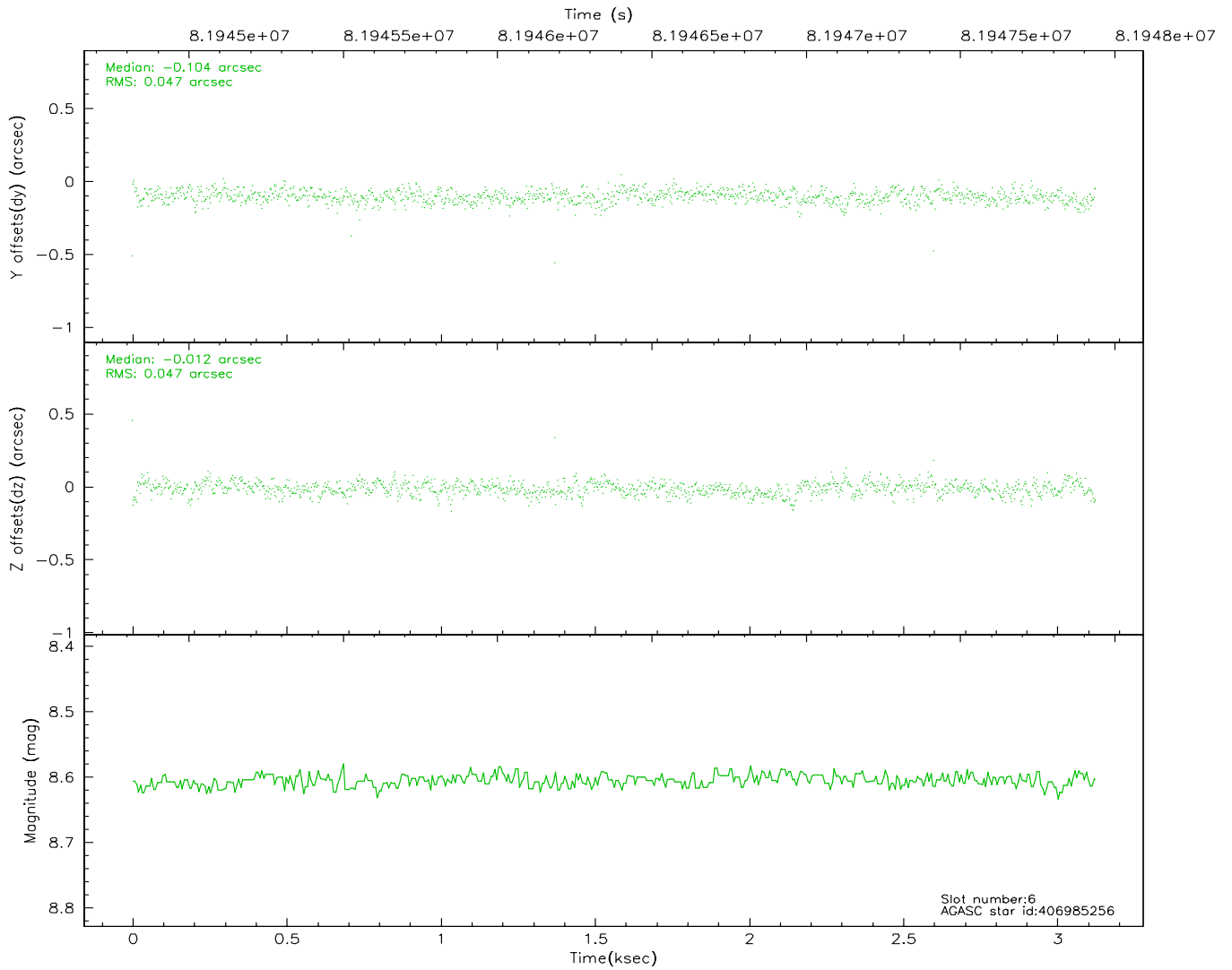
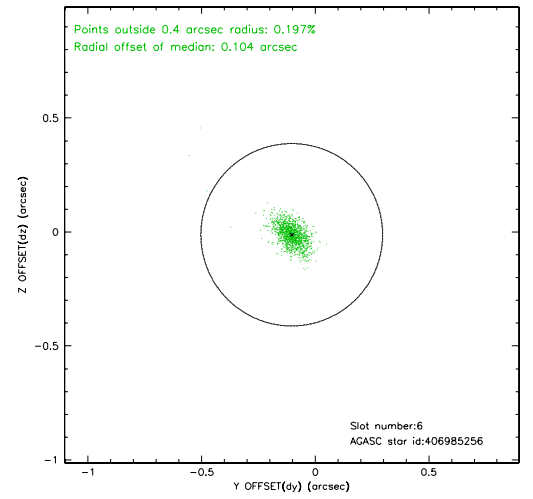
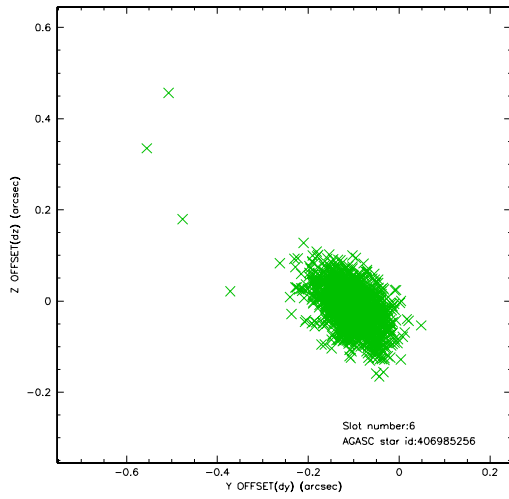
### 2.4.2 Slot 4



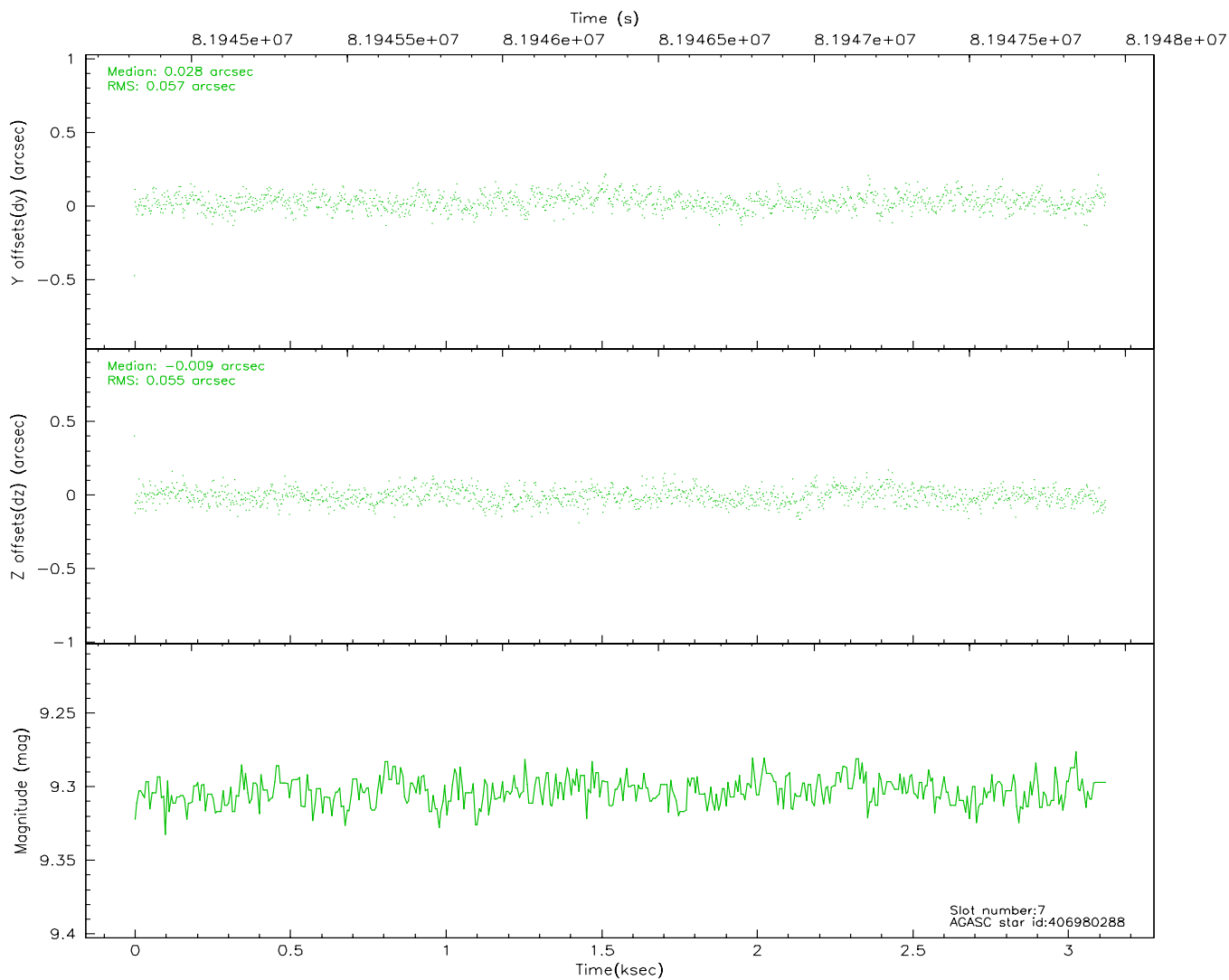
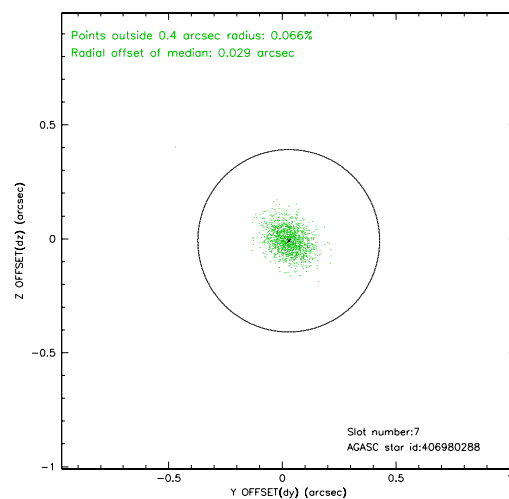
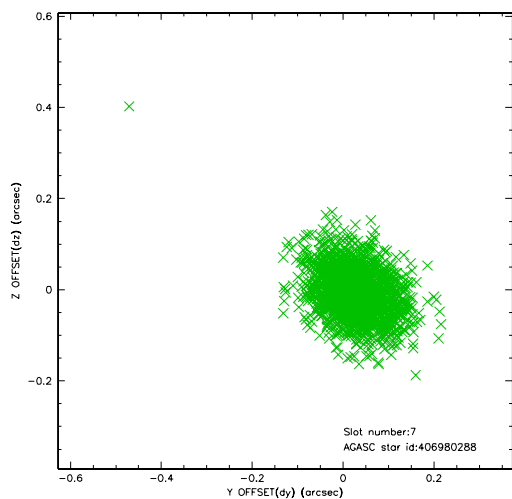
### 2.4.3 Slot 5



### 2.4.4 Slot 6

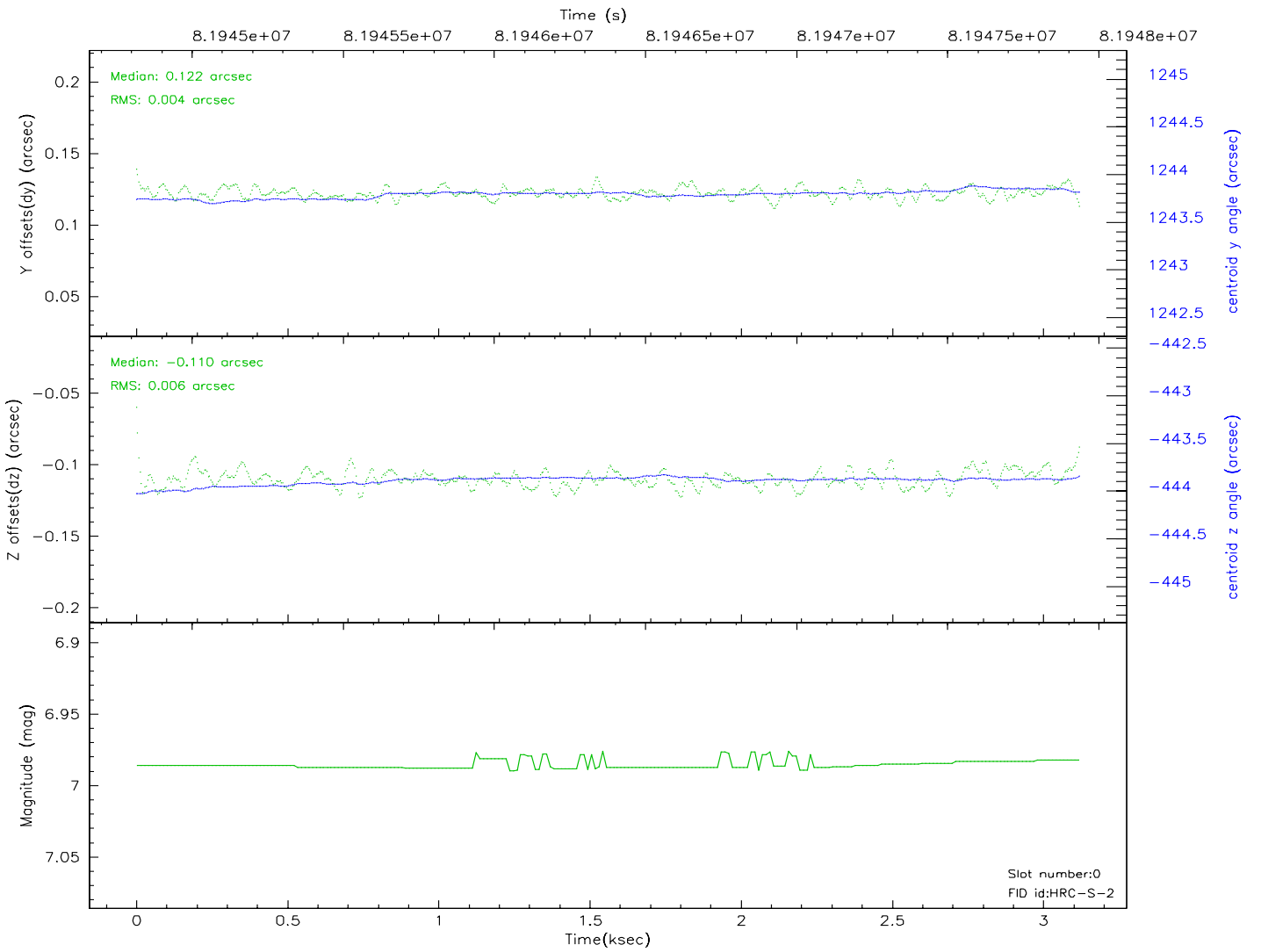
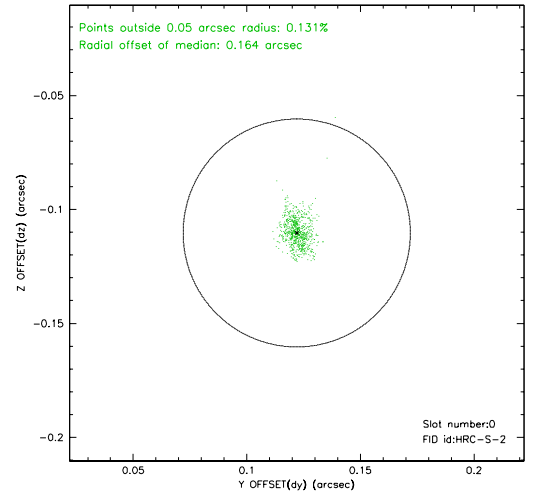
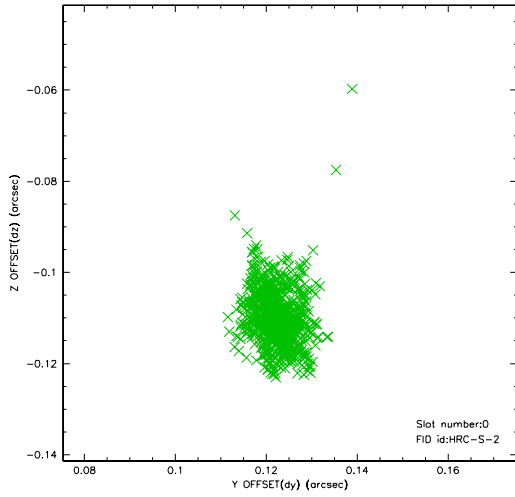


## 2.4.5 Slot 7

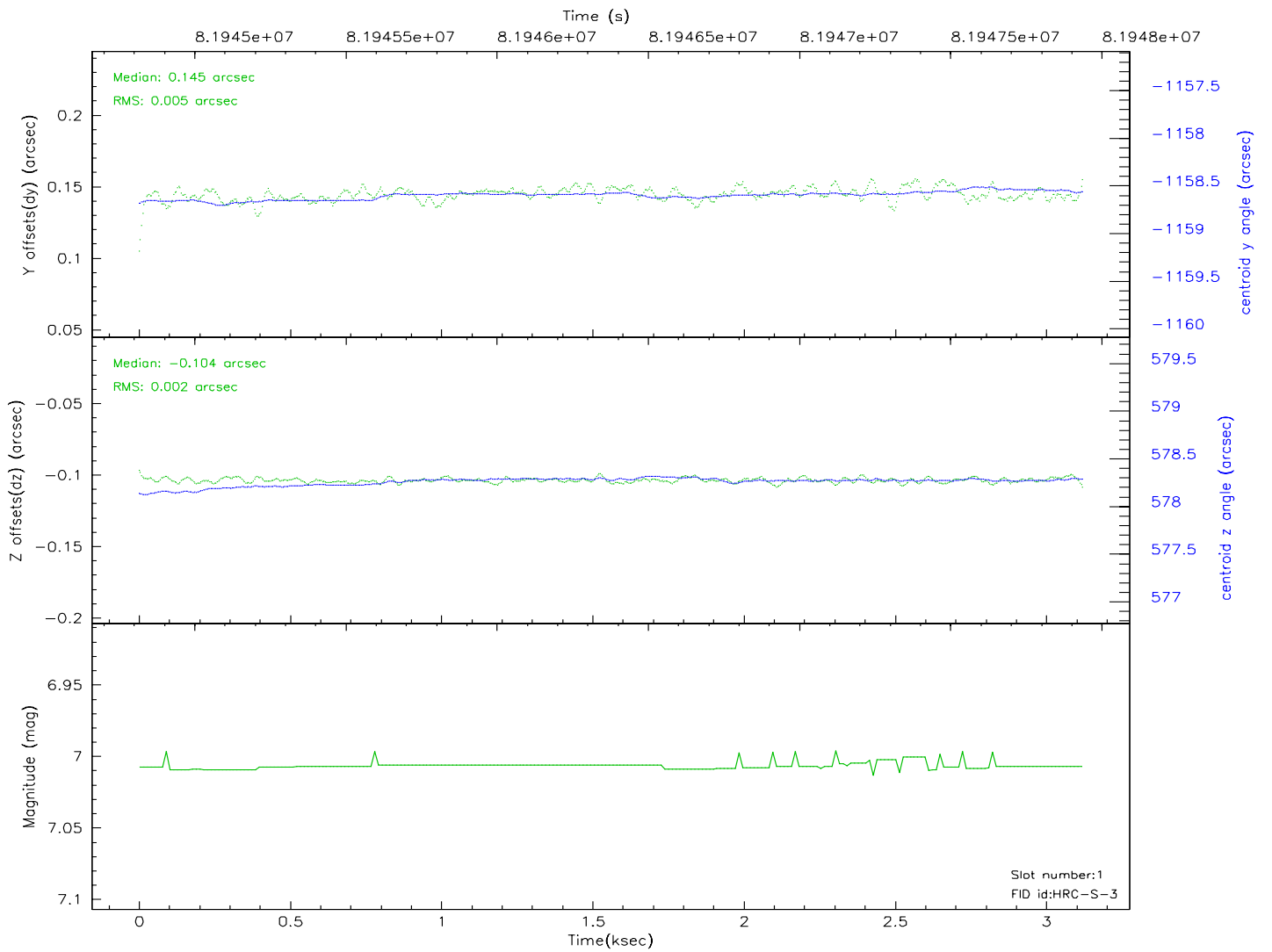
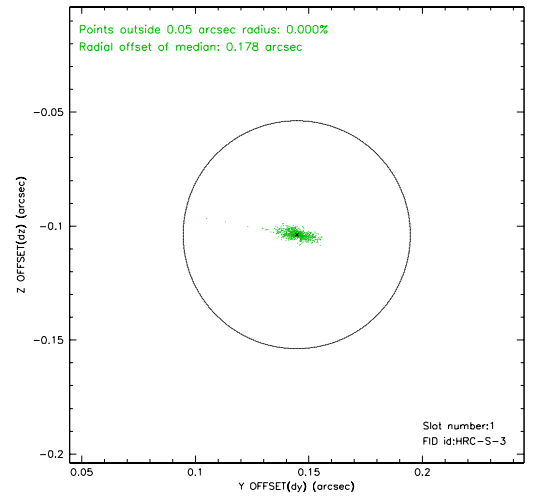
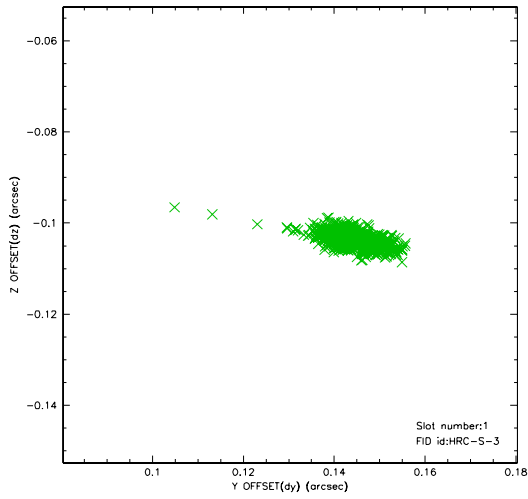


## 2.5 FID Slots

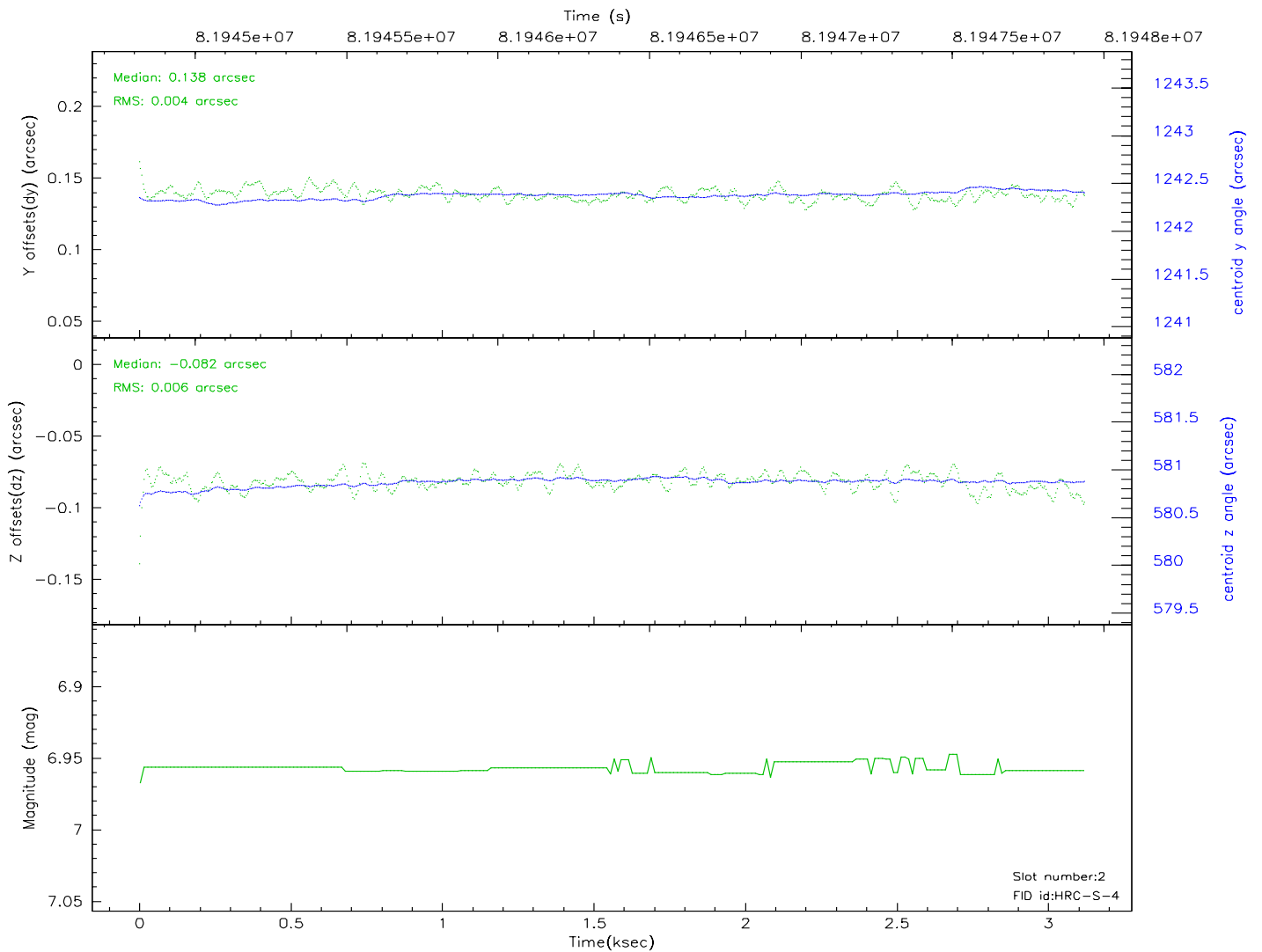
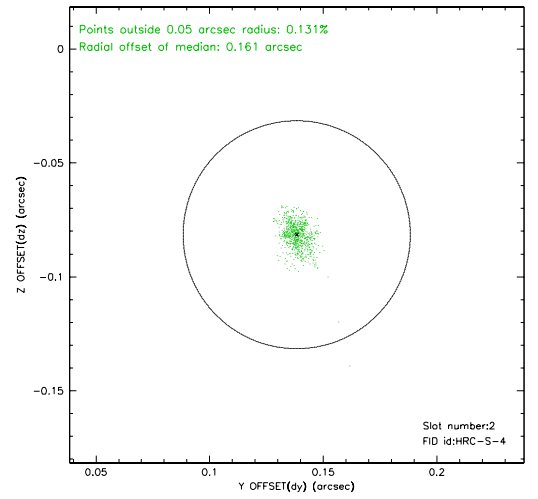
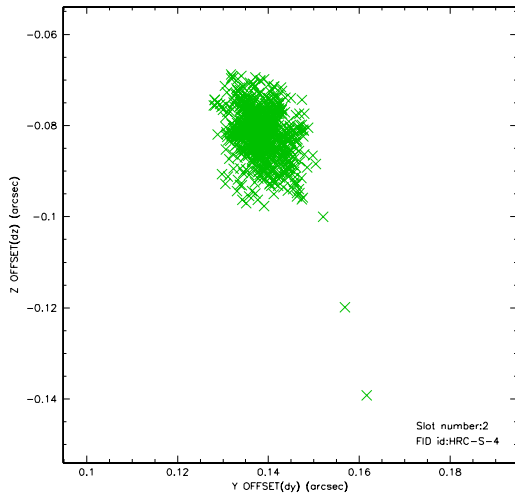
### 2.5.1 Slot 0



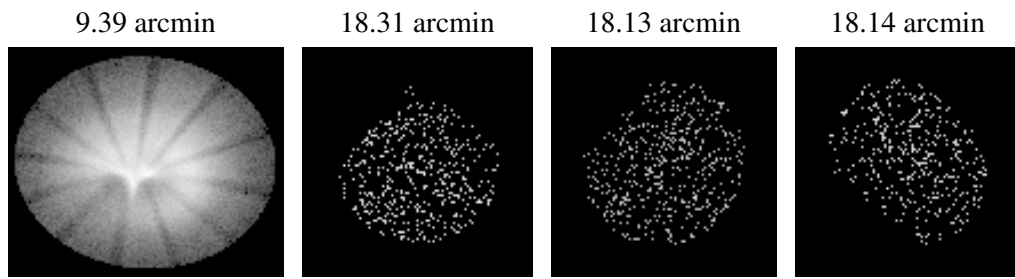
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.821

## A.2 Comments