

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 1807 - L2 Version 001  
Chandra X-Ray Center

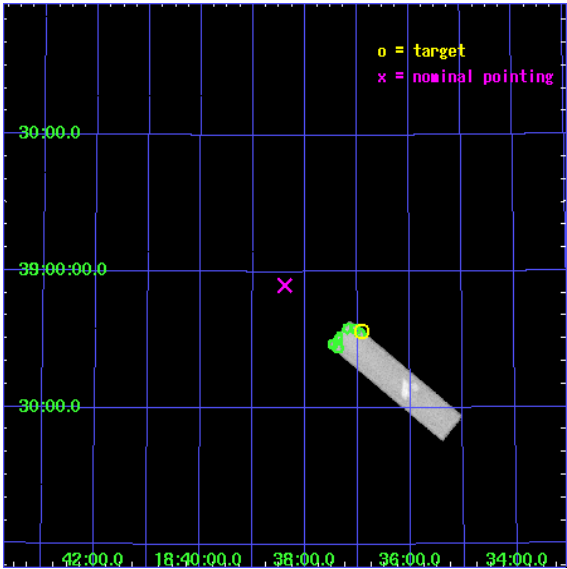
L2 Processing Date : Jun 2 2007

## 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

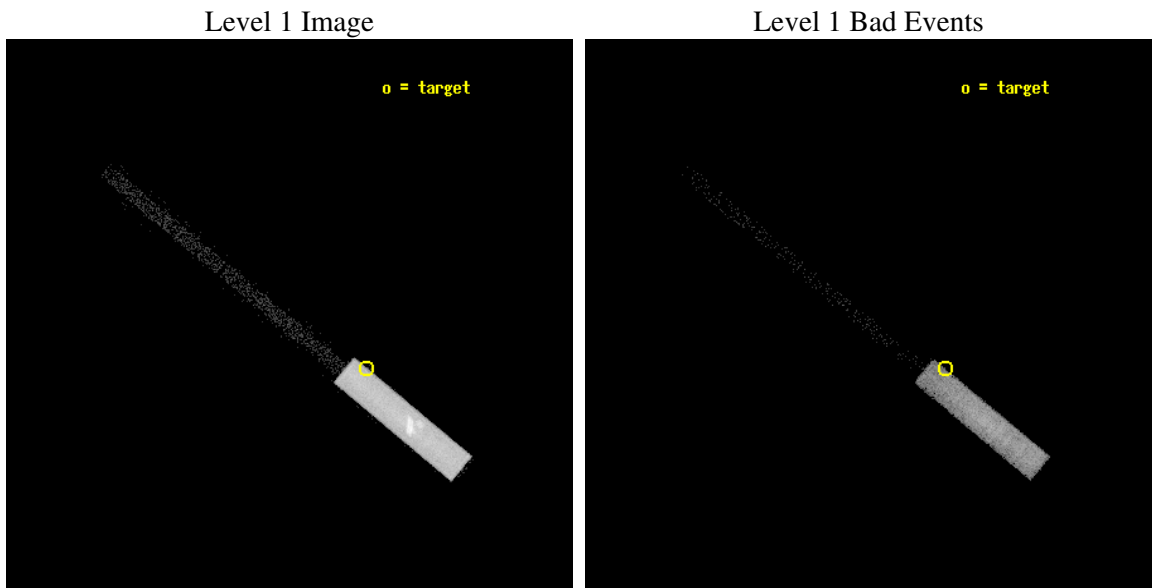
seq_num	290089
obs_id	1807
title	TEST OF UV SENSITIVITY
observer	Dr. CXC Calibration
object	VEGA
ra_targ	279.230833
dec_targ	38.7795
ra_nom	279.59651965199
dec_nom	38.95080734737
roll_nom	219.62972615461
revision	6
ontime	3140.6001169682
livetime	3126.1545849921
l2events	91479



## 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	2007-06-02T04:09:11
revision	4

sched_exp_time	3000.000000
ontime	3140.6001169682
l1events	137750

### 2.1.3 Events

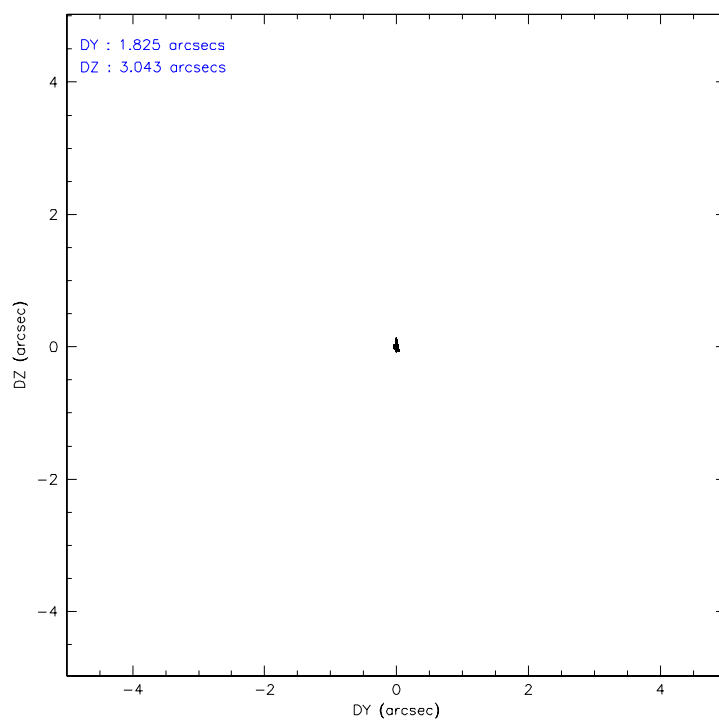
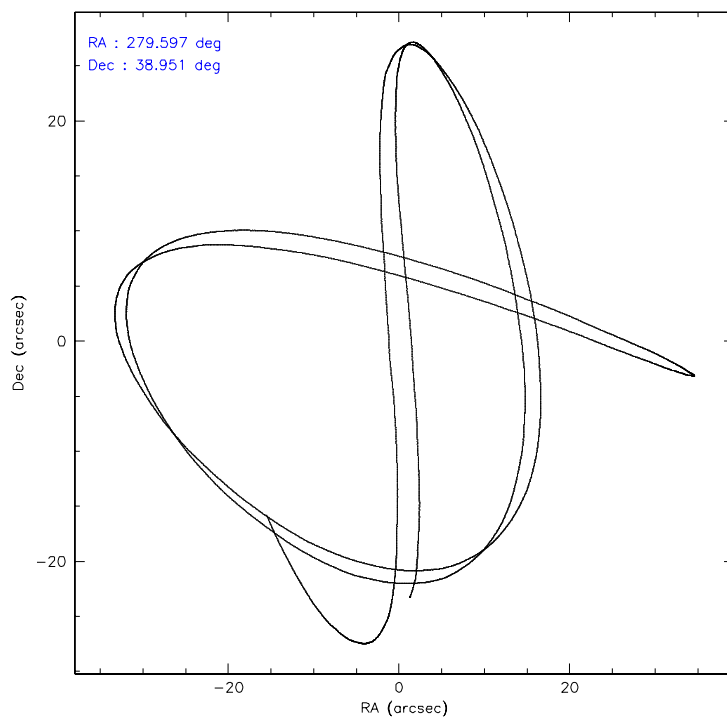
Level 1 Events

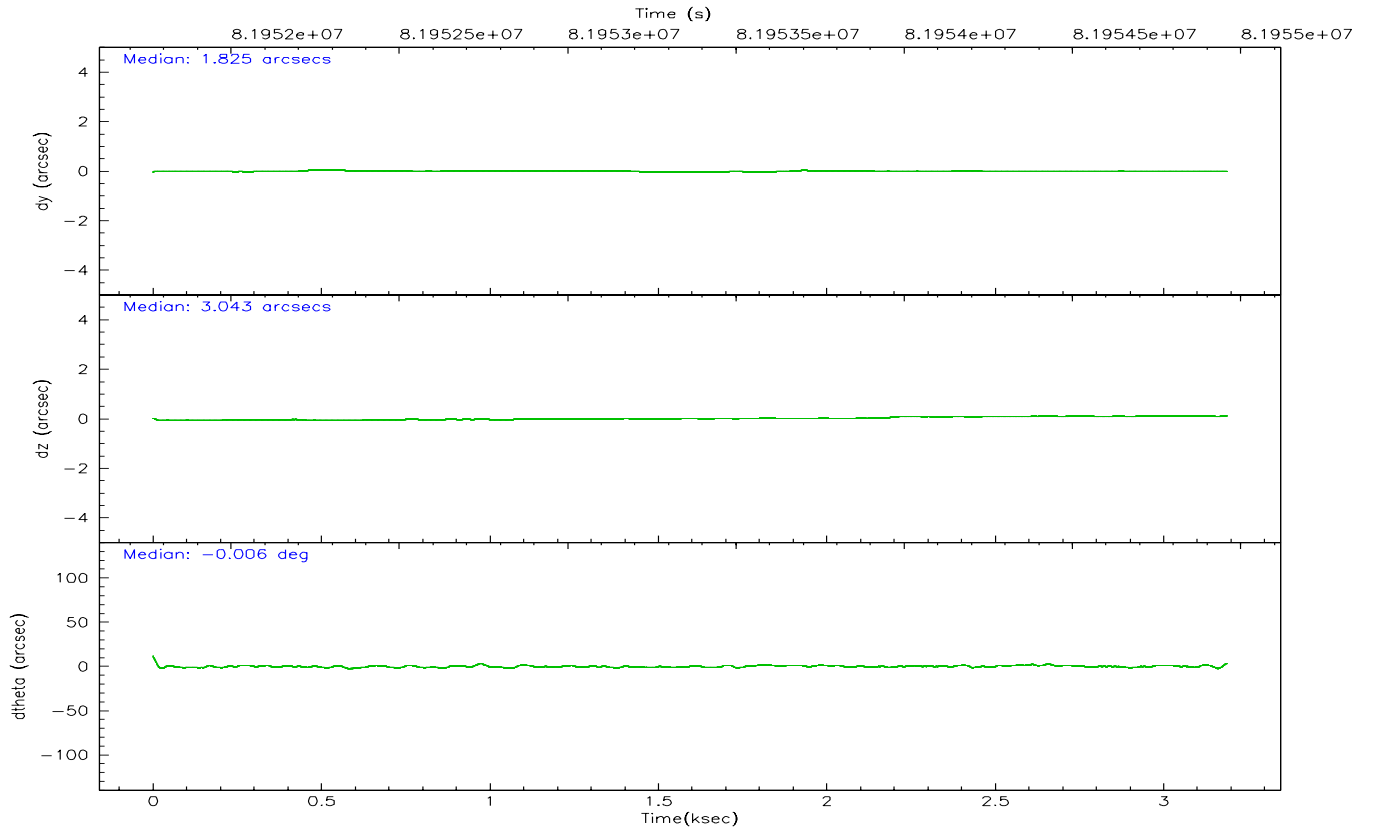
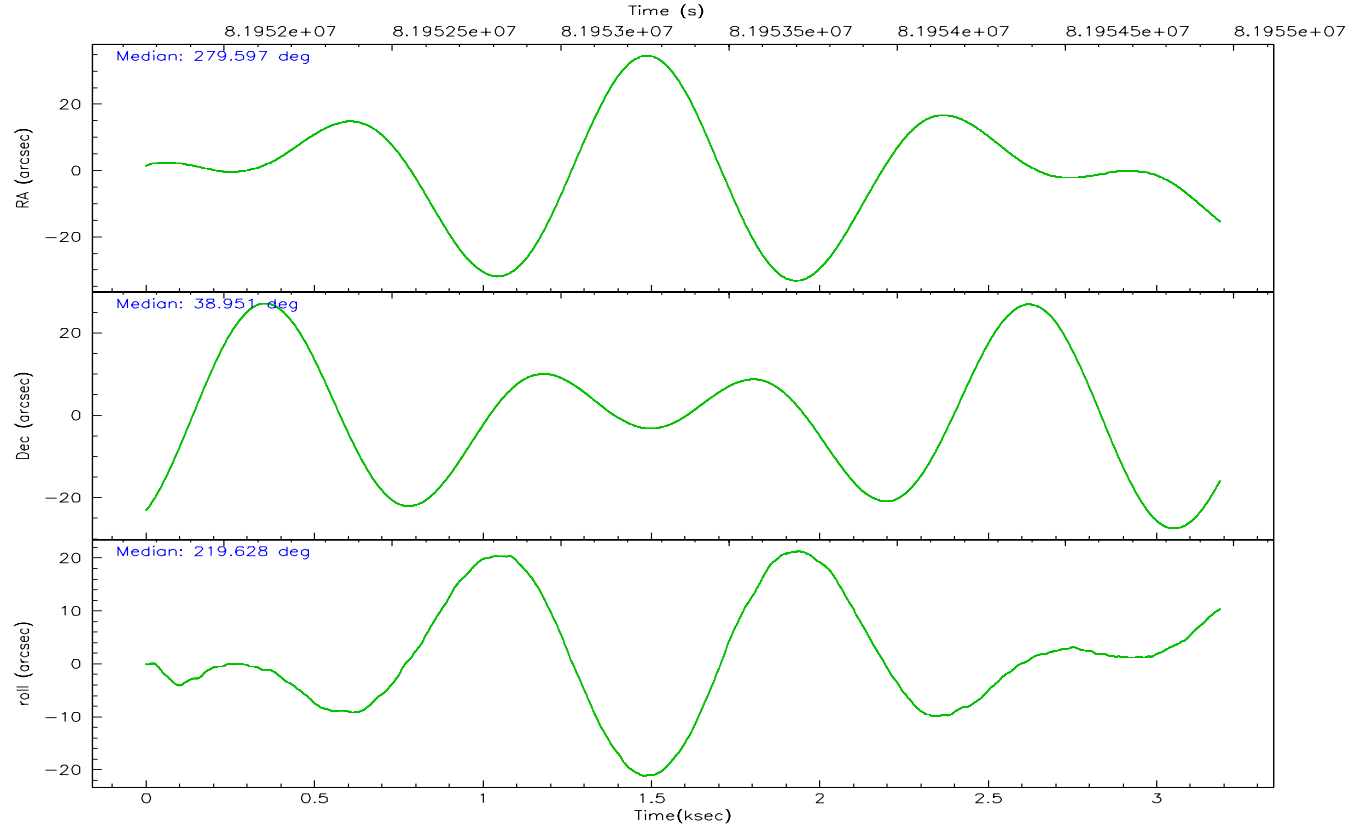
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	784	834	136132
rejected events	784	819	35380
rejected %	100%	98%	25%

## 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	279.607676	279.5965196519944			
Pointing Dec	38.978218	38.95080734737036			
Pointing Roll	219.555363	219.6297261546055			
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	81951957.184000	81951581.281626			
Observation start date	2000-08-06T12:24:53	2000-08-06T12:19:41			
Observation end time	81954957.184000	81955789.419282			
Observation end date	2000-08-06T13:14:53	2000-08-06T13:29:49			

## 2.3 Aspect



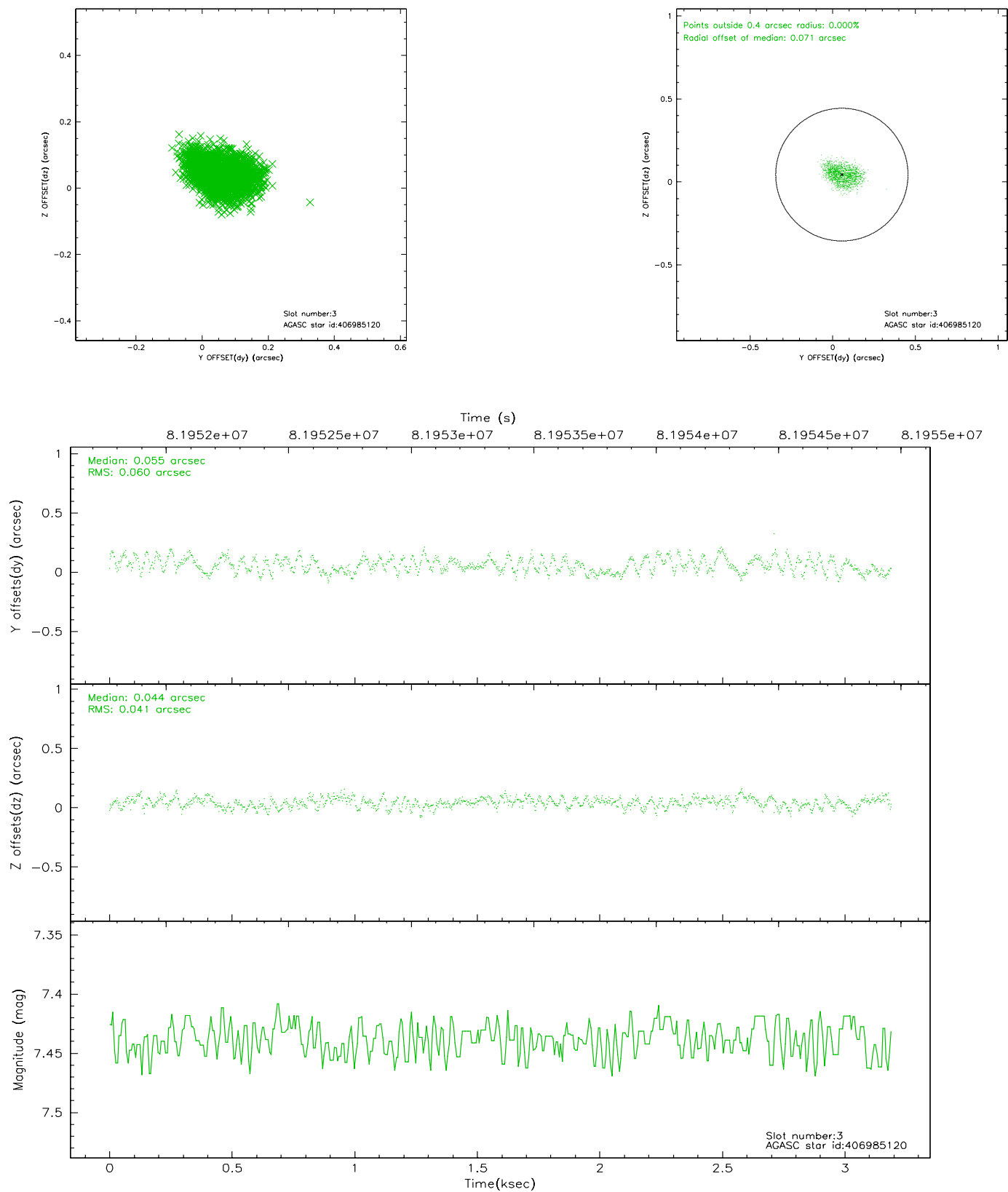


### Slot Statistics

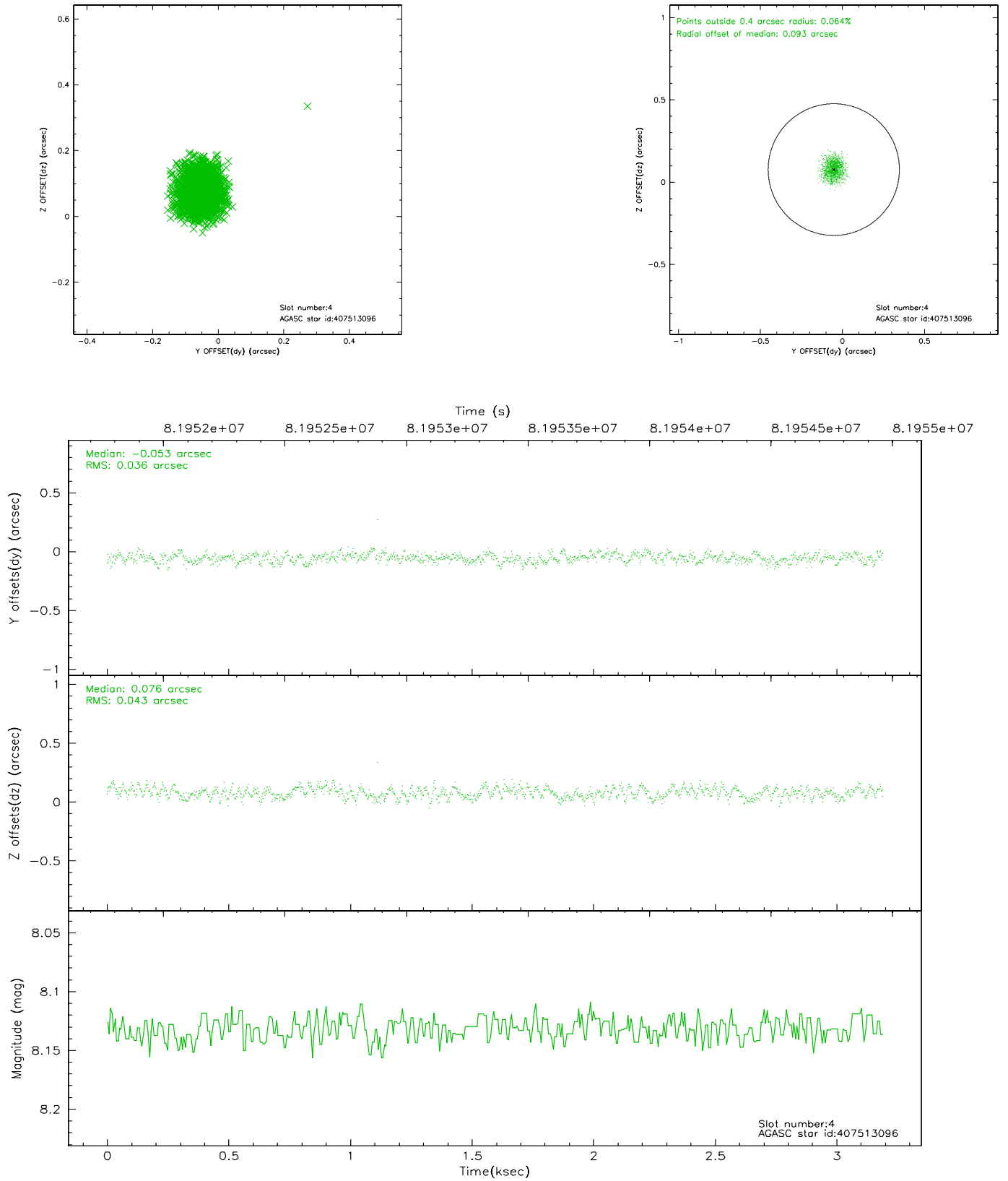
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	778	0.099	-0.084	0.006	0.010	0.000000	0.000000	-1155.86	-451.50
1	FID	HRC-S-3	7.00	778	0.172	-0.126	0.007	0.012	0.000000	0.000000	-1160.04	577.40
2	FID	HRC-S-4	6.94	778	0.117	-0.087	0.005	0.008	0.000000	0.000000	1240.88	581.42
3	GUIDE	406985120	7.44	1557	0.055	0.044	0.079	0.119	278.839732	38.894839	1844.93	-1145.79
4	GUIDE	407513096	8.13	1557	-0.053	0.076	0.060	0.093	279.928965	39.436841	-1739.54	-706.09
5	GUIDE	406989616	8.24	1557	0.022	-0.027	0.050	0.079	279.202881	38.520843	1925.41	541.01
6	GUIDE	407521232	8.64	1557	-0.000	-0.033	0.075	0.117	279.628883	39.431715	-1083.39	-1220.98
7	GUIDE	406983600	8.93	1555	-0.024	-0.055	0.072	0.116	279.940957	39.020708	-817.44	473.53

## 2.4 Star Slots

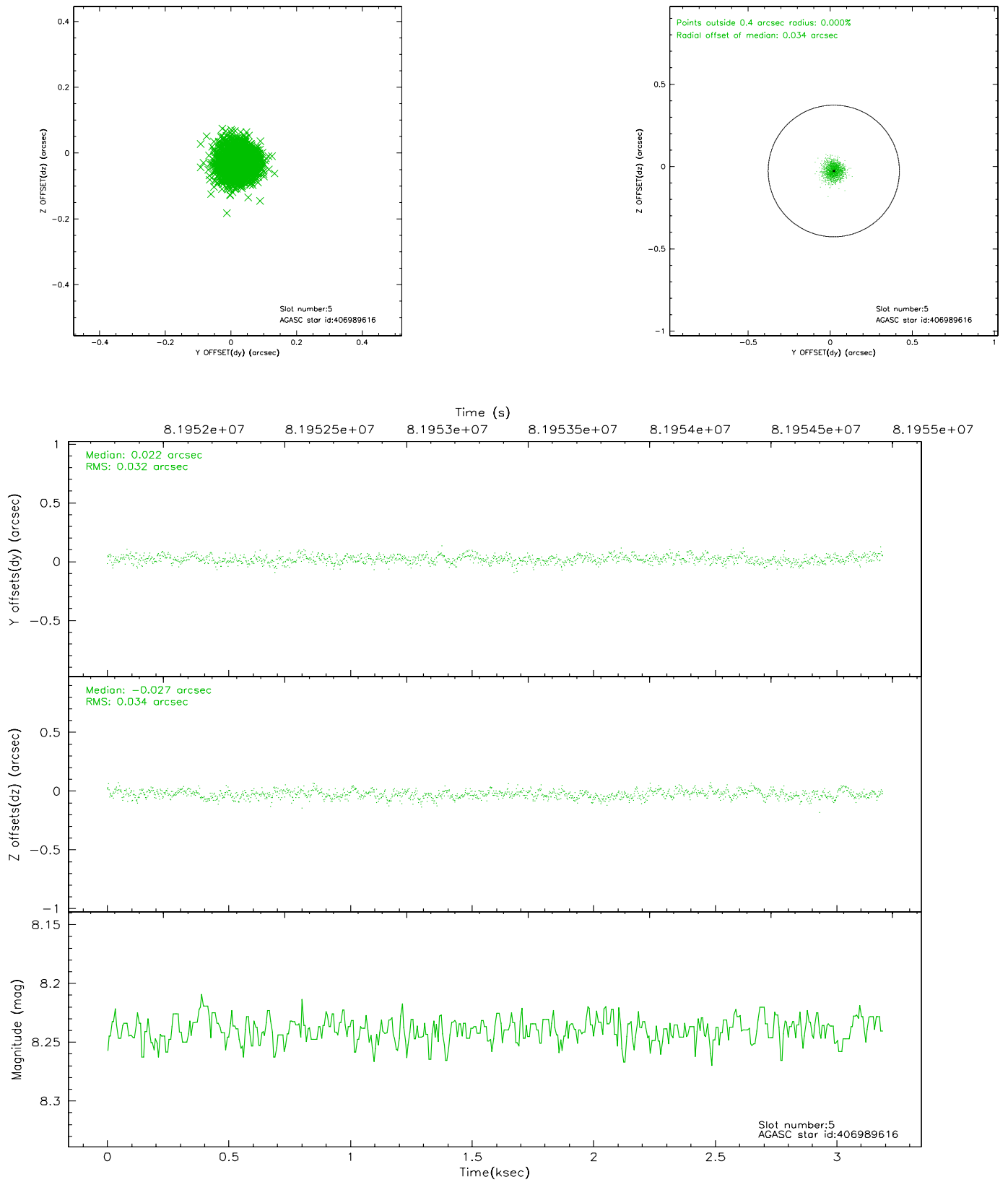
### 2.4.1 Slot 3



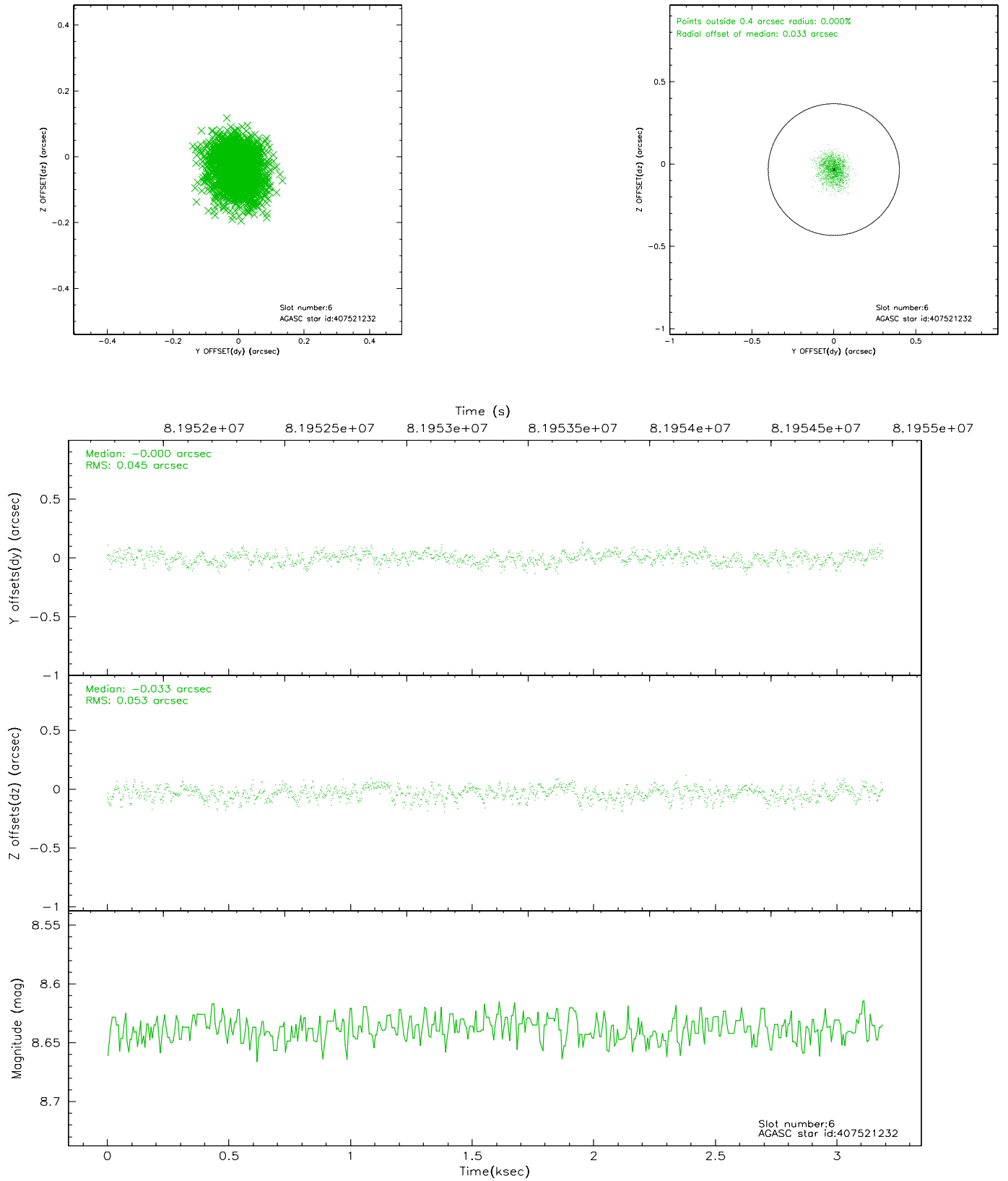
## 2.4.2 Slot 4



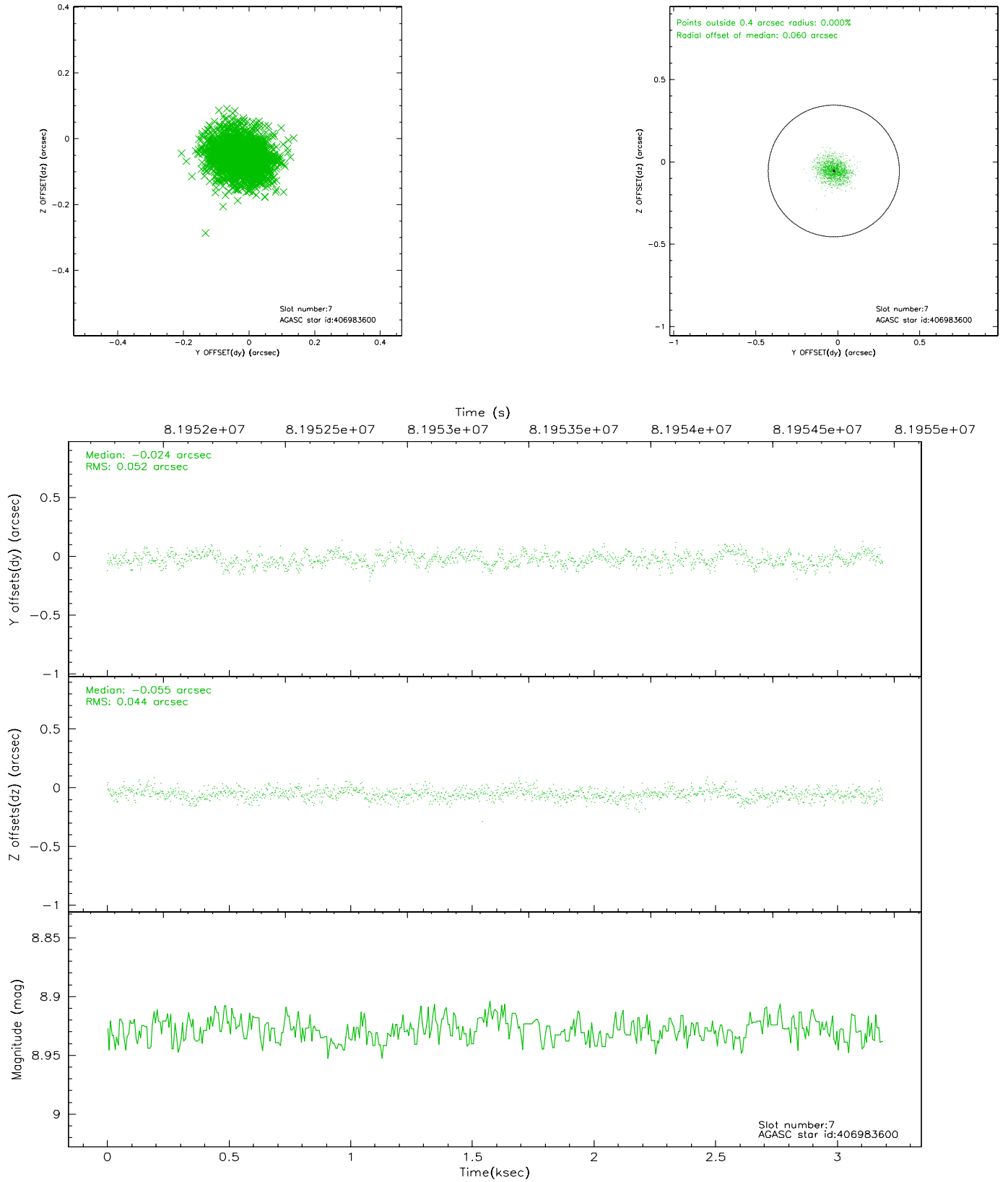
### 2.4.3 Slot 5



## 2.4.4 Slot 6

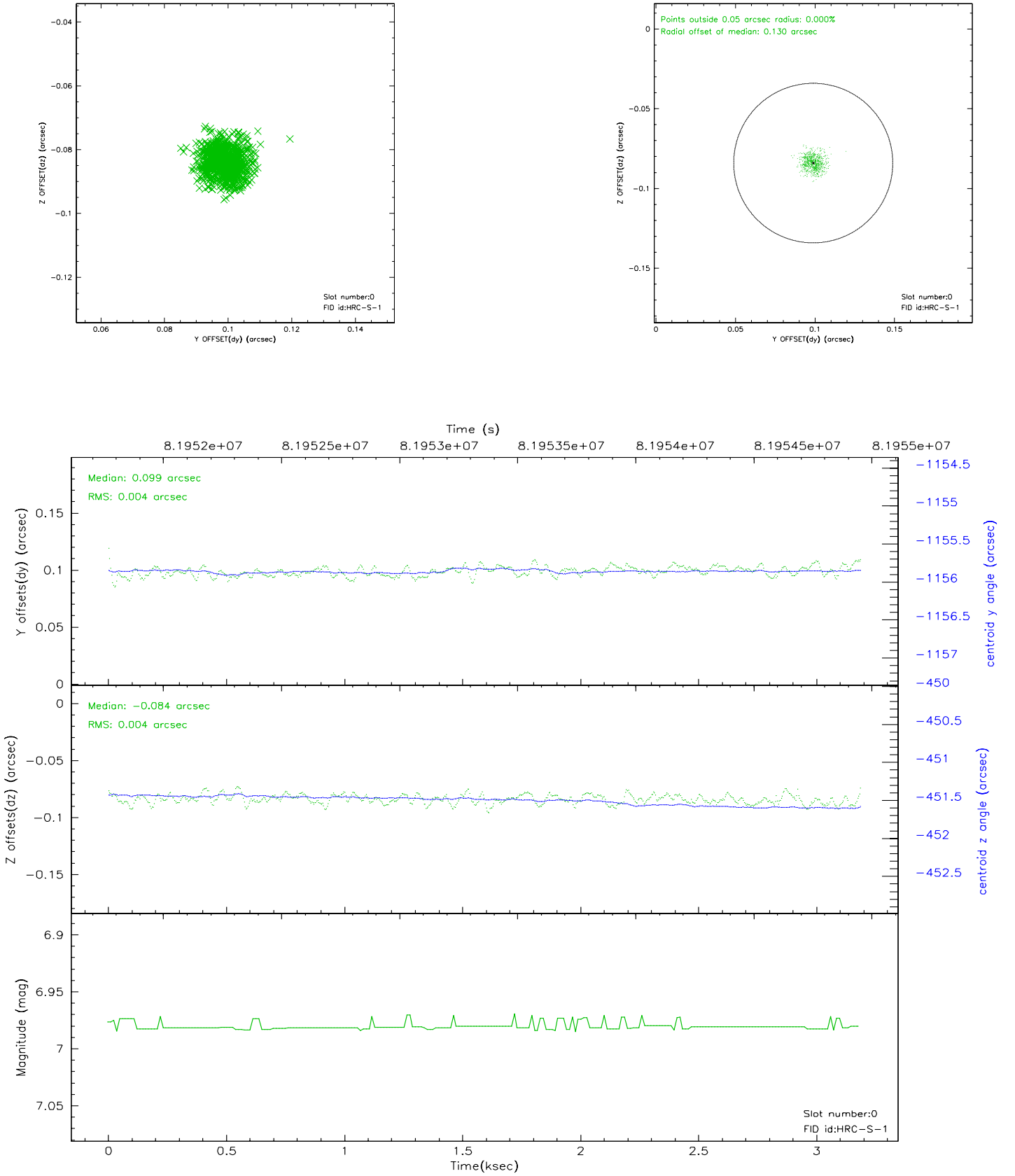


## 2.4.5 Slot 7

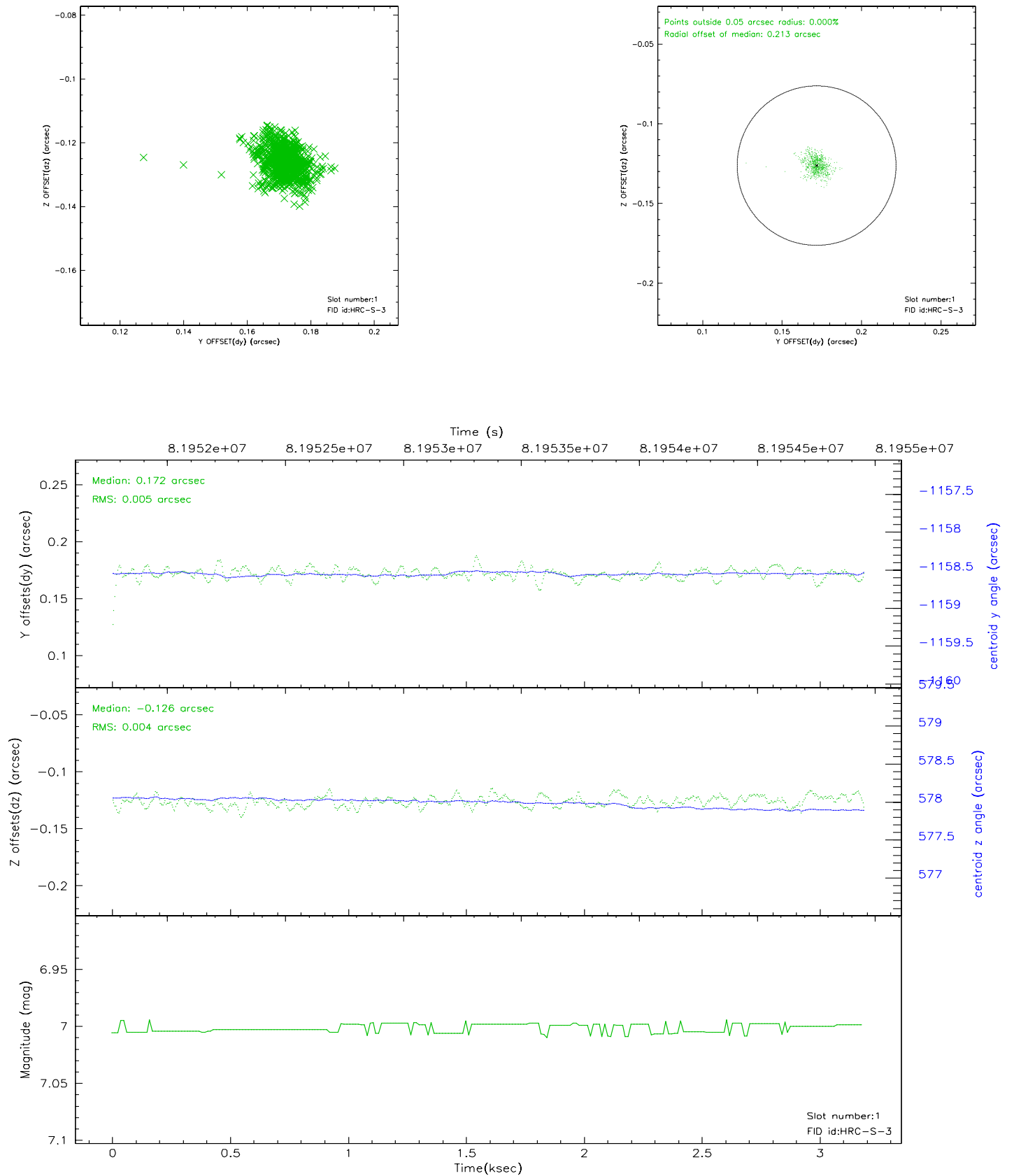


## 2.5 FID Slots

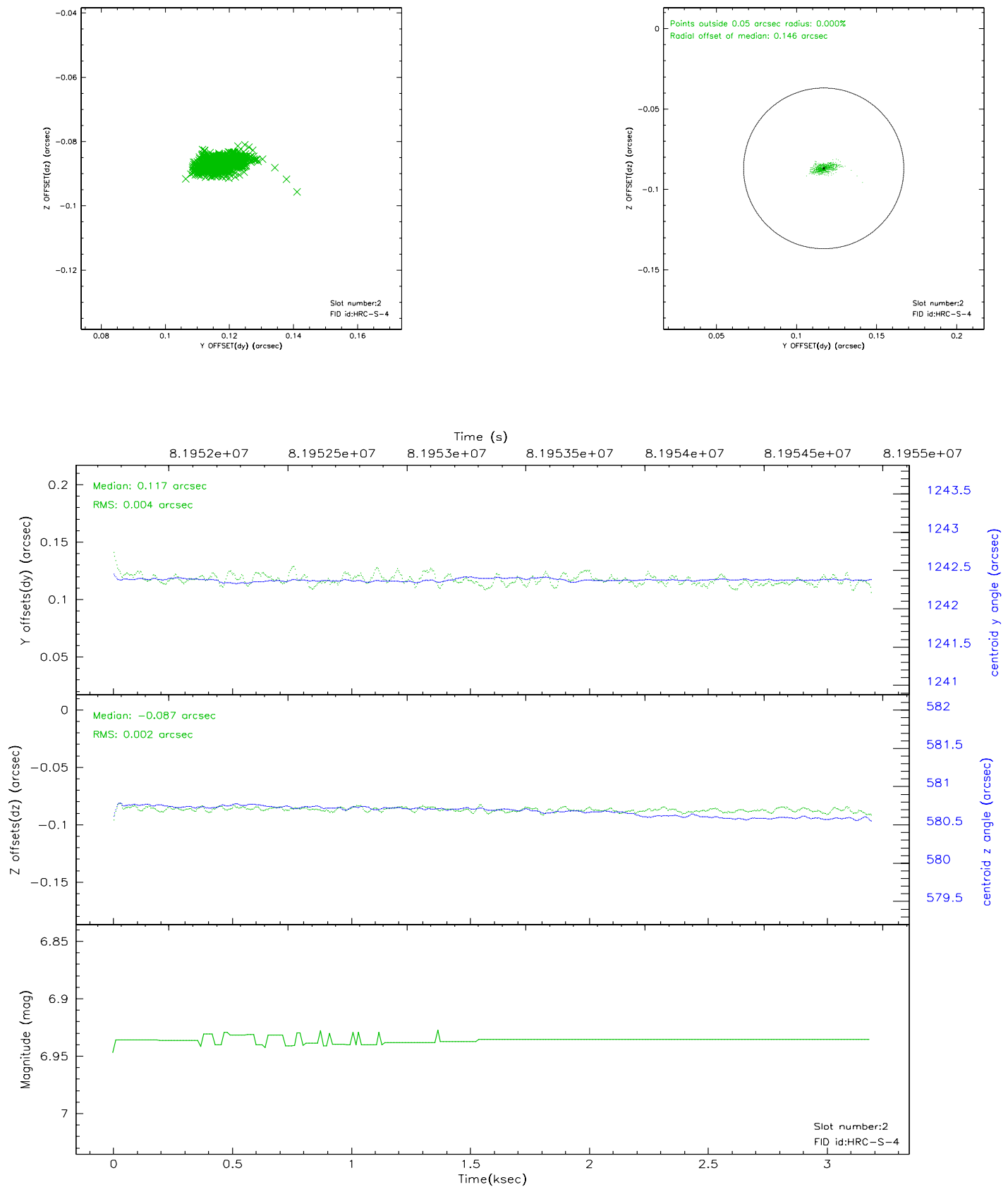
### 2.5.1 Slot 0



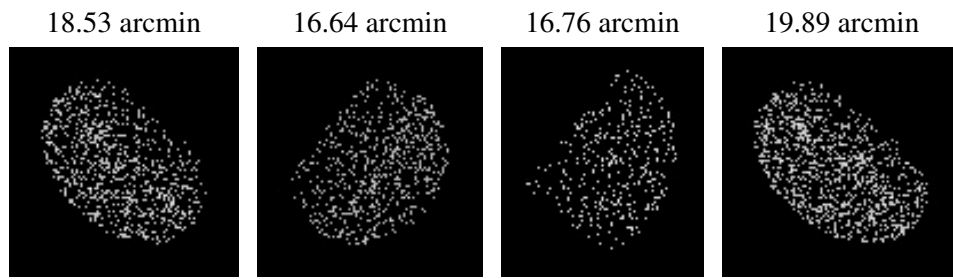
## 2.5.2 Slot 1



### 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	3.177

### A.2 Comments