

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 1979 - L2 Version 001  
Chandra X-Ray Center

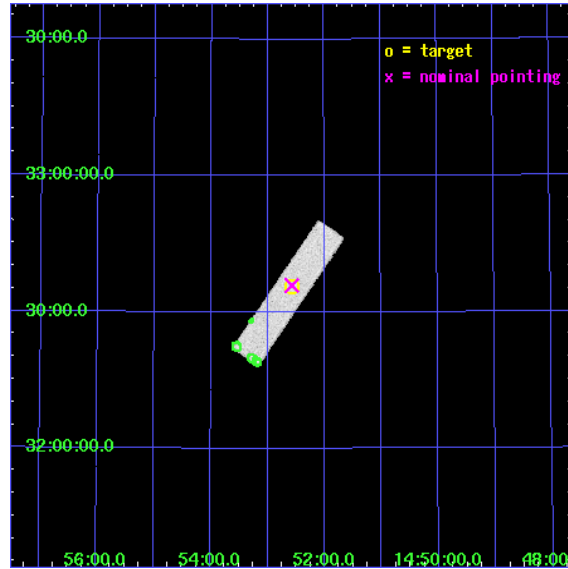
L2 Processing Date : Nov 15 2006

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# 1 Front

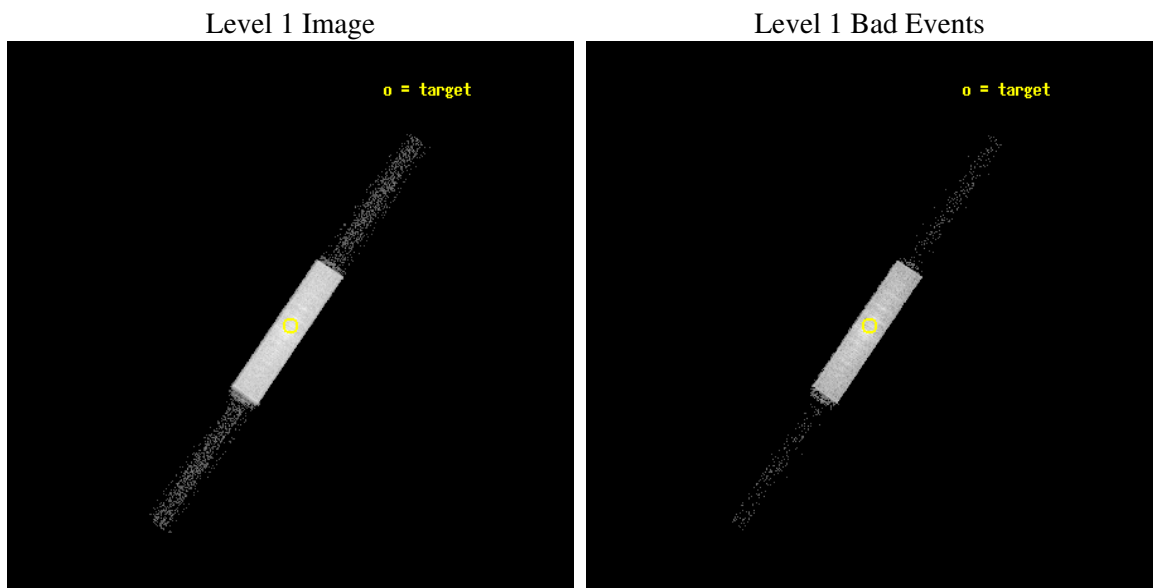
seq_num	500156
obs_id	1979
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS
observer	Prof. Robert Rutledge
object	1RXSJ1452+3235
ra_targ	223.145417
dec_targ	32.593333
ra_nom	223.14280604376
dec_nom	32.59804516013
roll_nom	124.25340440967
revision	2
ontime	1291.7563000321
livetime	1287.9539283477
l2events	32462



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-15T21:41:05
revision	2

sched_exp_time	1150.000000
ontime	1339.9313019067
l1events	123054

### 2.1.3 Events

Level 1 Events

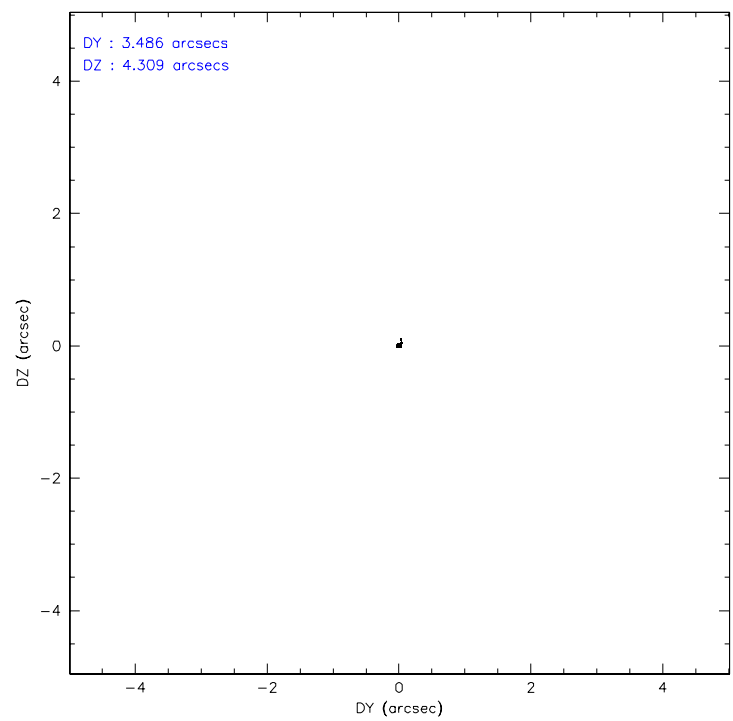
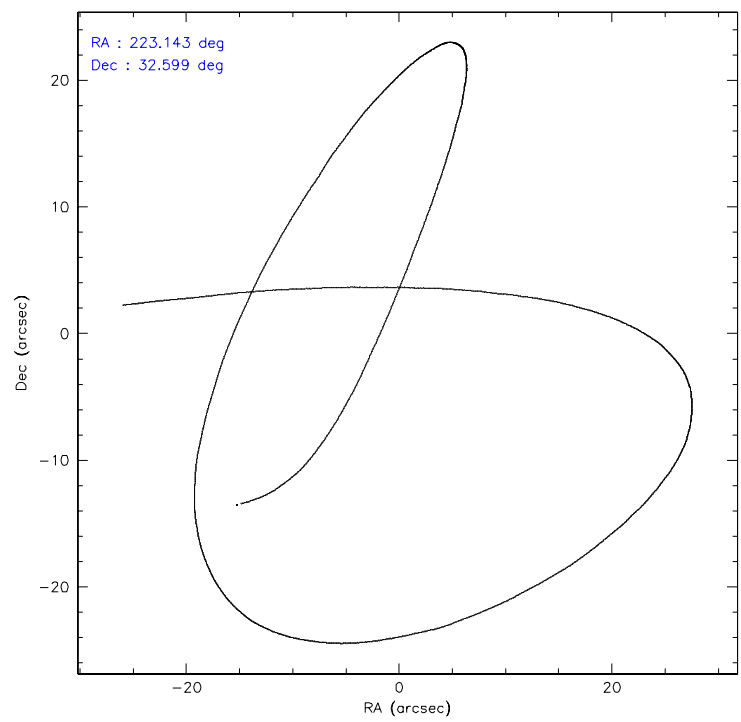
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1853	119546	1655
rejected events	1845	84277	1655
rejected %	99%	70%	100%

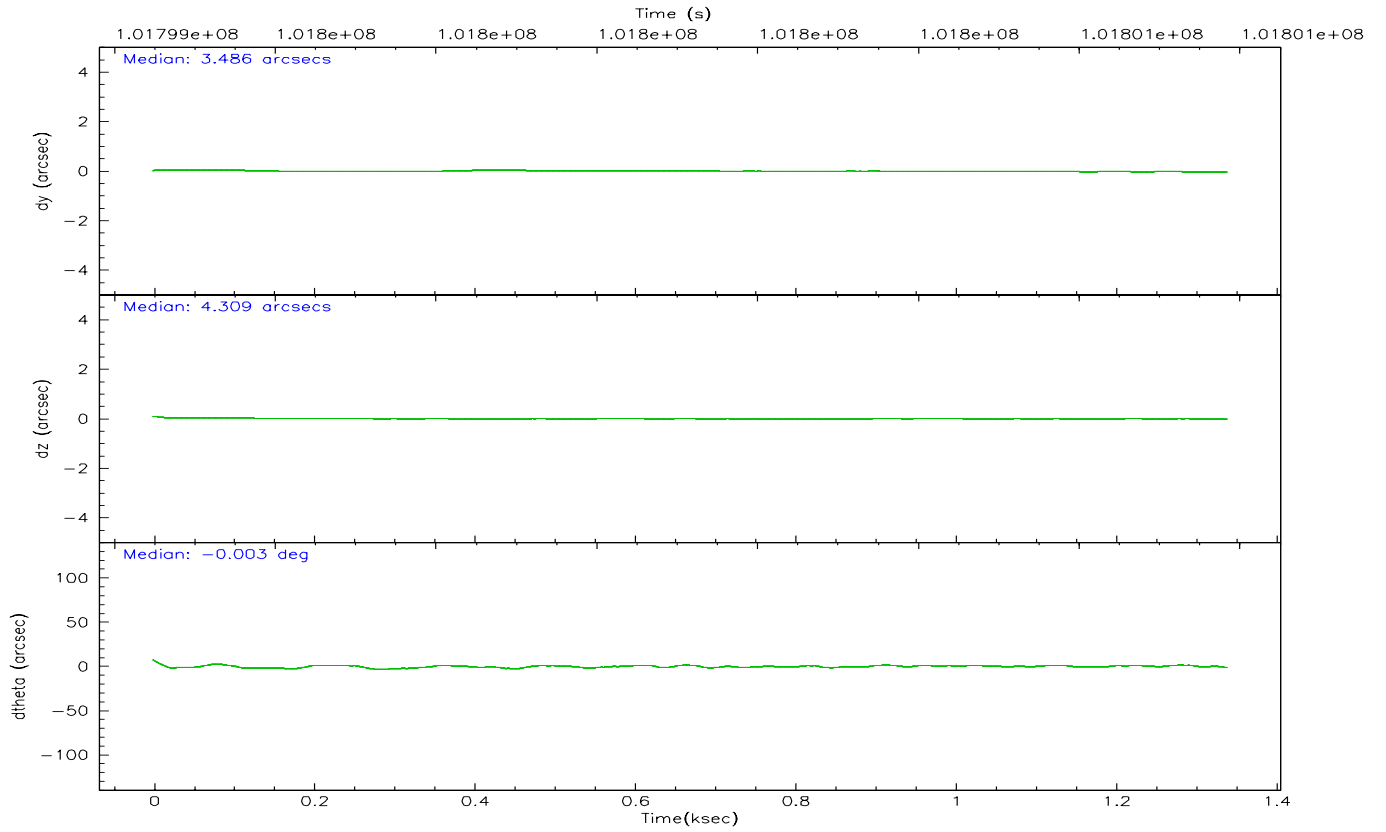
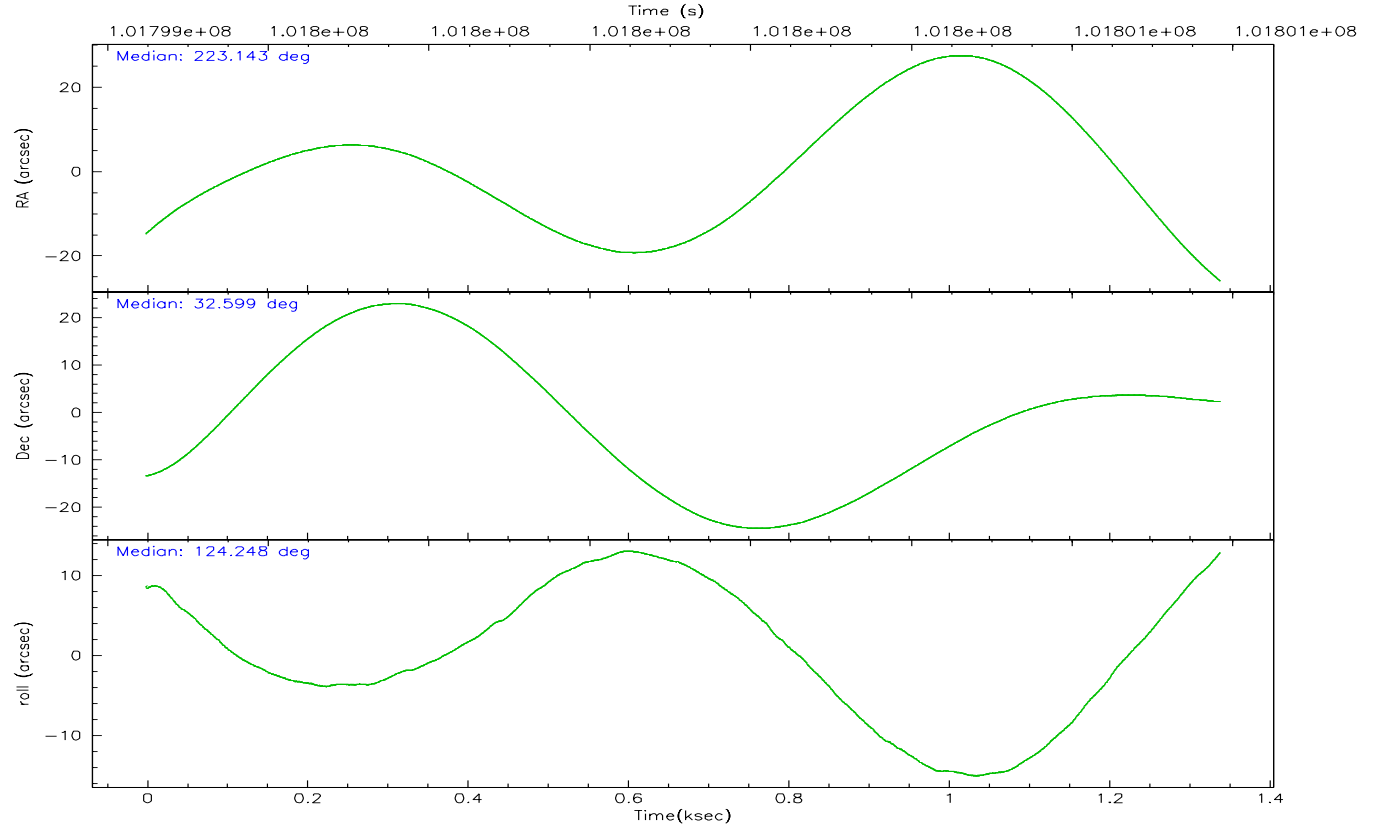
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	223.173691	223.1428060437614
Pointing Dec	32.586137	32.59804516013048
Pointing Roll	124.169390	124.2534044096659
SIM focus pos (mm)	-1.529586	-1.523540733526241
SIM defocus (mm)	0.003750771043328743	0.009795905878055677
SIM translation stage pos (mm)	250.455976	250.4635187648994
SIM translation stage offset (mm)	0	-0.007540371344731511
Observation start time	101799637.184000	101798753.38749
Observation start date	2001-03-24T05:39:33	2001-03-24T05:25:53
Observation end time	101800787.184000	101801528.5751
Observation end date	2001-03-24T05:58:43	2001-03-24T06:12:08

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





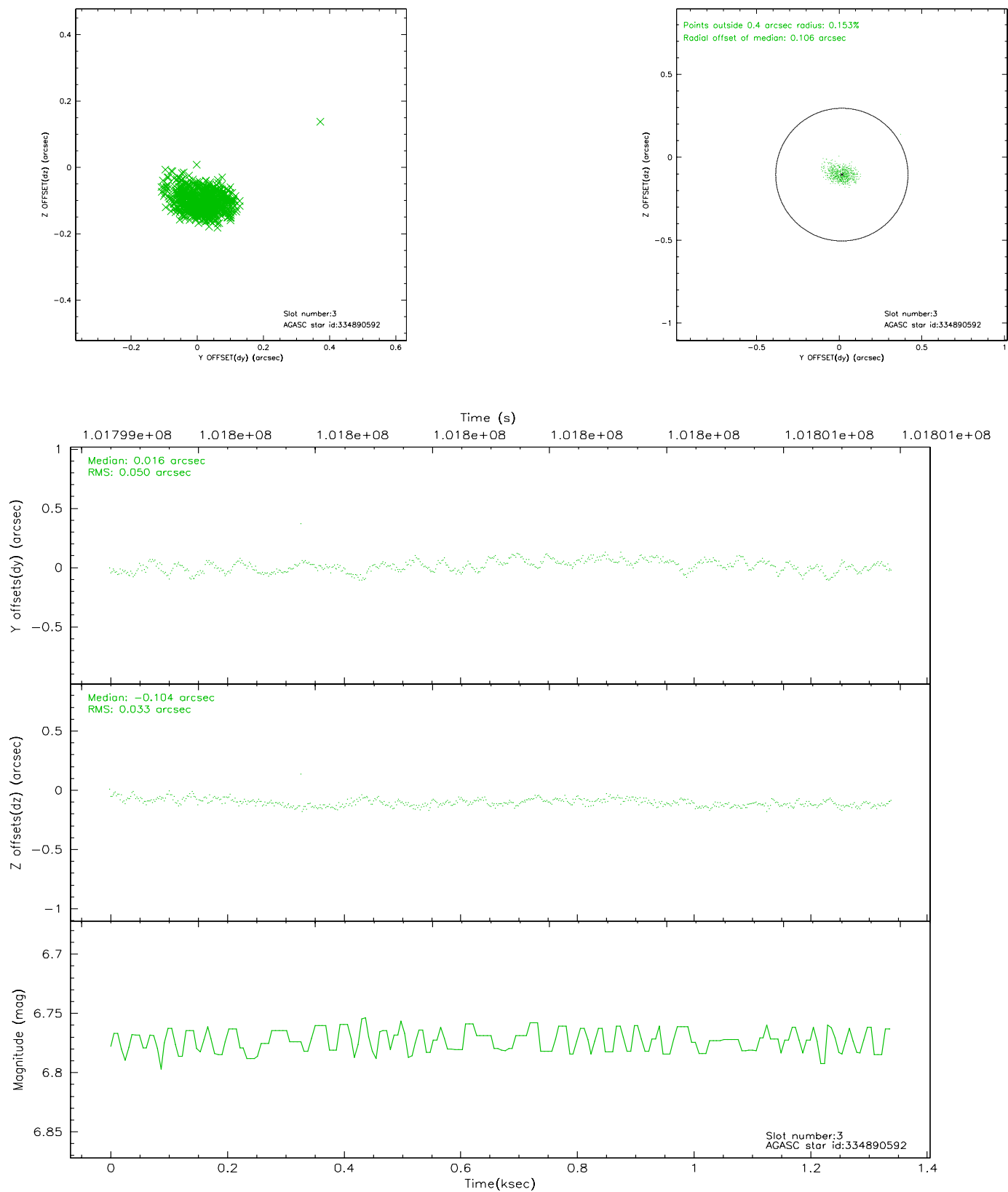
### Slot Statistics

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	327	0.135	-0.133	0.007	0.011	0.000000	0.000000	-1157.54	-452.73
1	FID	HRC-S-3	7.00	327	0.137	-0.061	0.008	0.014	0.000000	0.000000	-1163.80	575.48
2	FID	HRC-S-4	6.93	327	0.115	-0.103	0.004	0.007	0.000000	0.000000	1237.12	581.12
3	GUIDE	334890592	6.77	655	0.016	-0.104	0.061	0.101	223.182348	31.925021	-1985.49	1316.84
4	GUIDE	335289032	7.08	655	-0.031	0.127	0.055	0.087	223.828807	32.823890	-404.08	-2119.55
5	GUIDE	335290808	7.07	655	0.006	0.052	0.062	0.097	223.222757	32.690903	226.70	-335.76
6	GUIDE	335290992	9.22	655	-0.030	-0.027	0.073	0.123	223.002391	32.578317	267.87	447.26
7	GUIDE	335287880	9.31	654	0.030	-0.046	0.077	0.124	222.745224	32.964695	1855.70	307.02

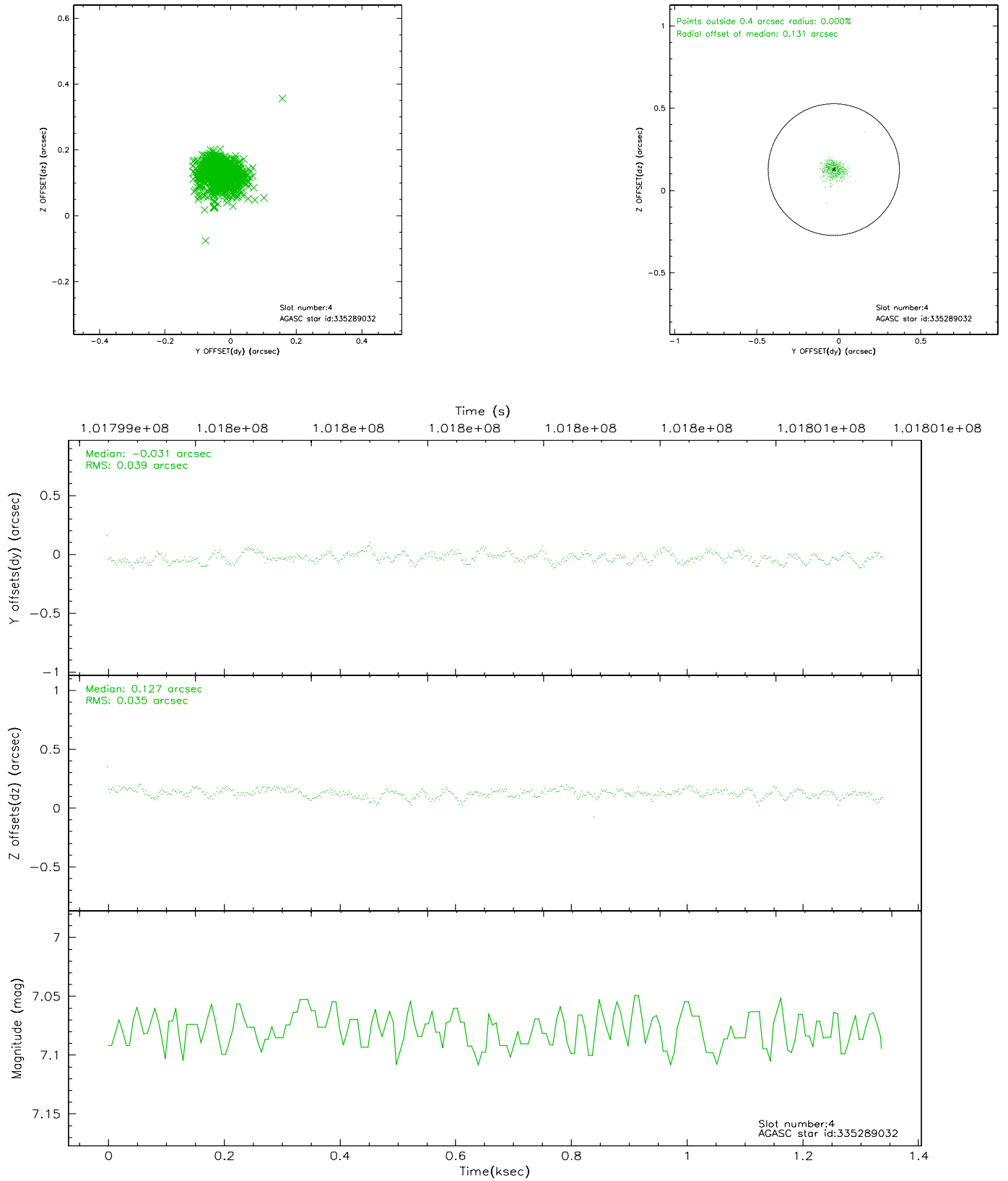


## 2.4 Star Slots

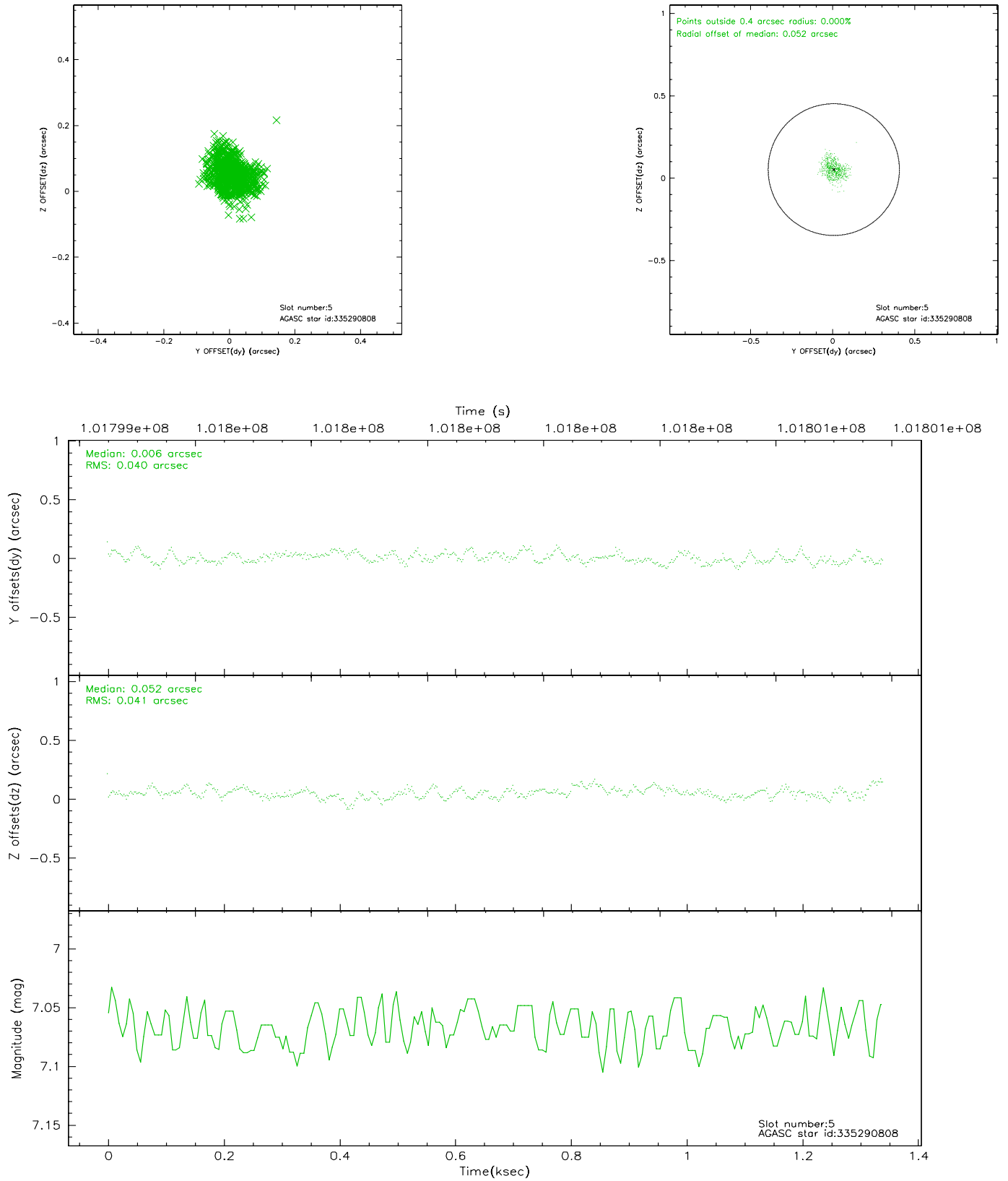
### 2.4.1 Slot 3



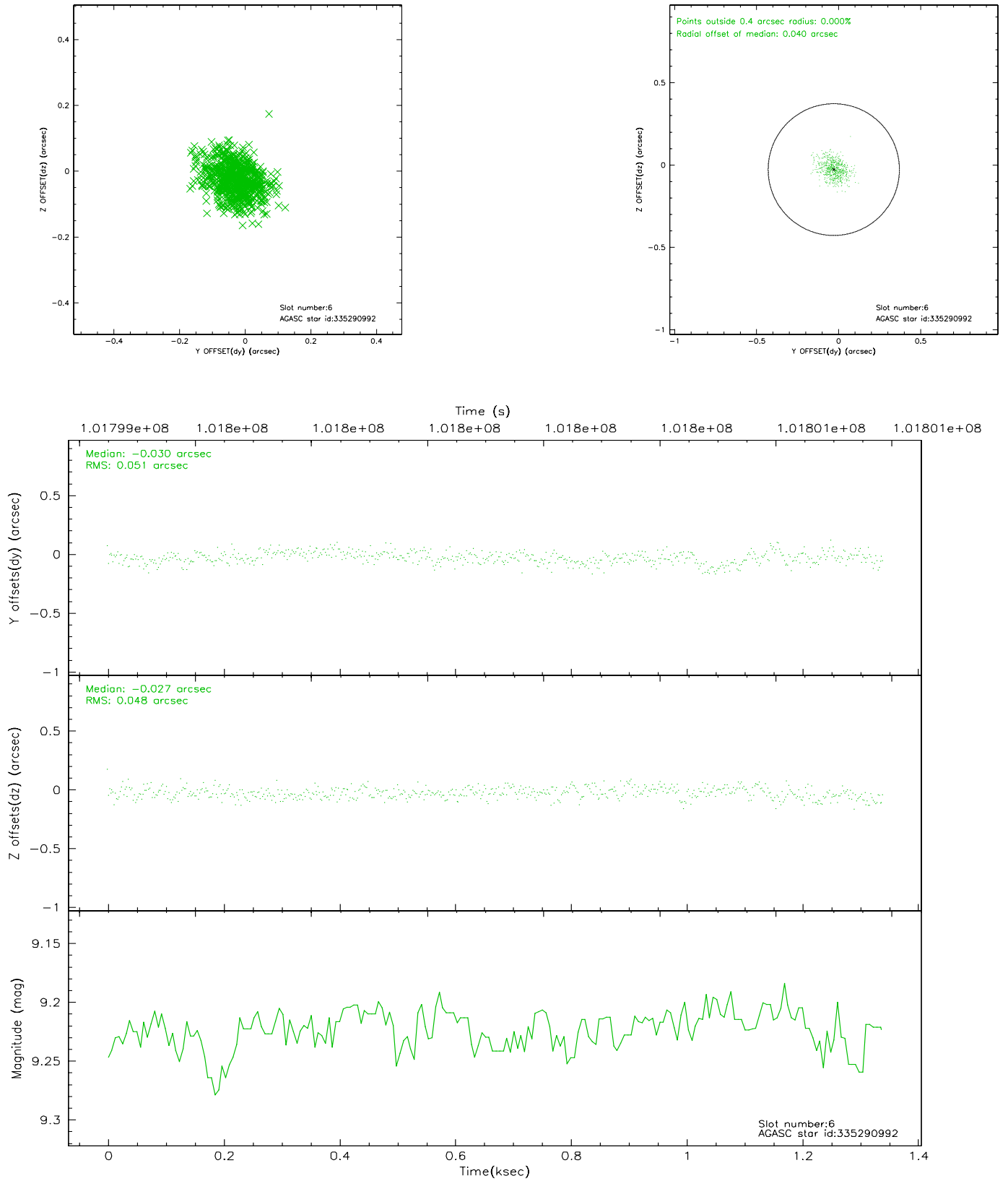
## 2.4.2 Slot 4



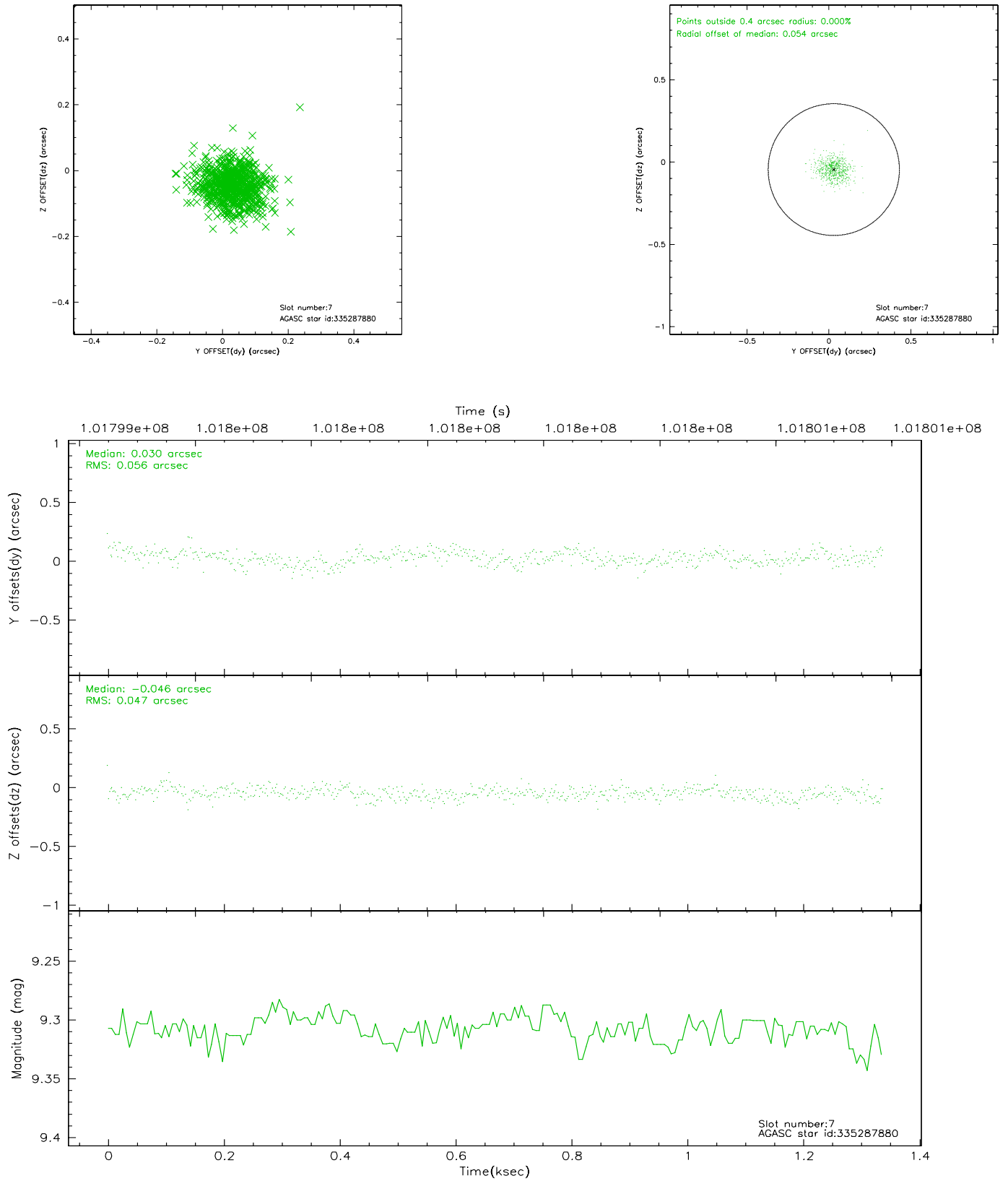
### 2.4.3 Slot 5



## 2.4.4 Slot 6

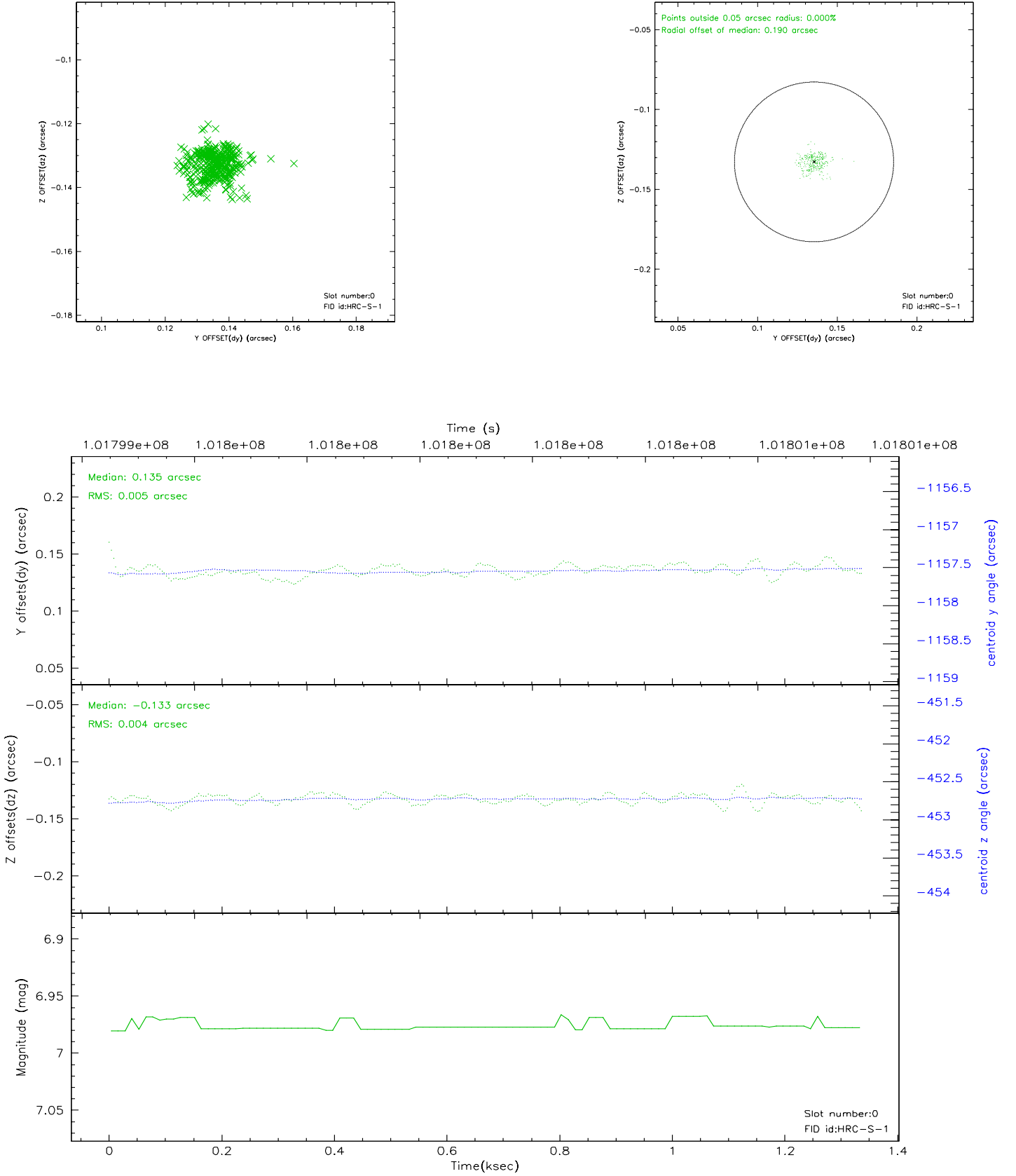


## 2.4.5 Slot 7

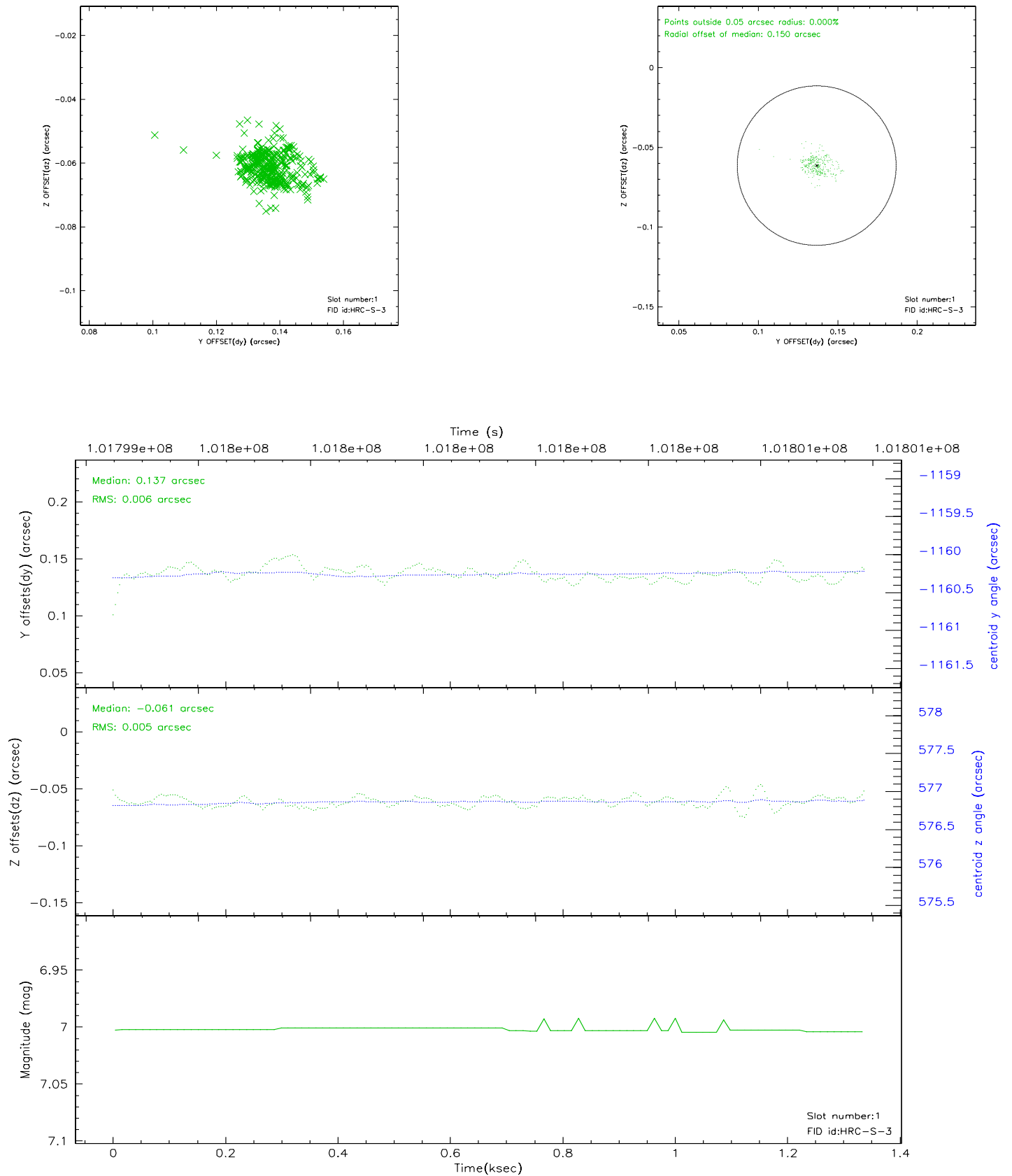


## 2.5 FID Slots

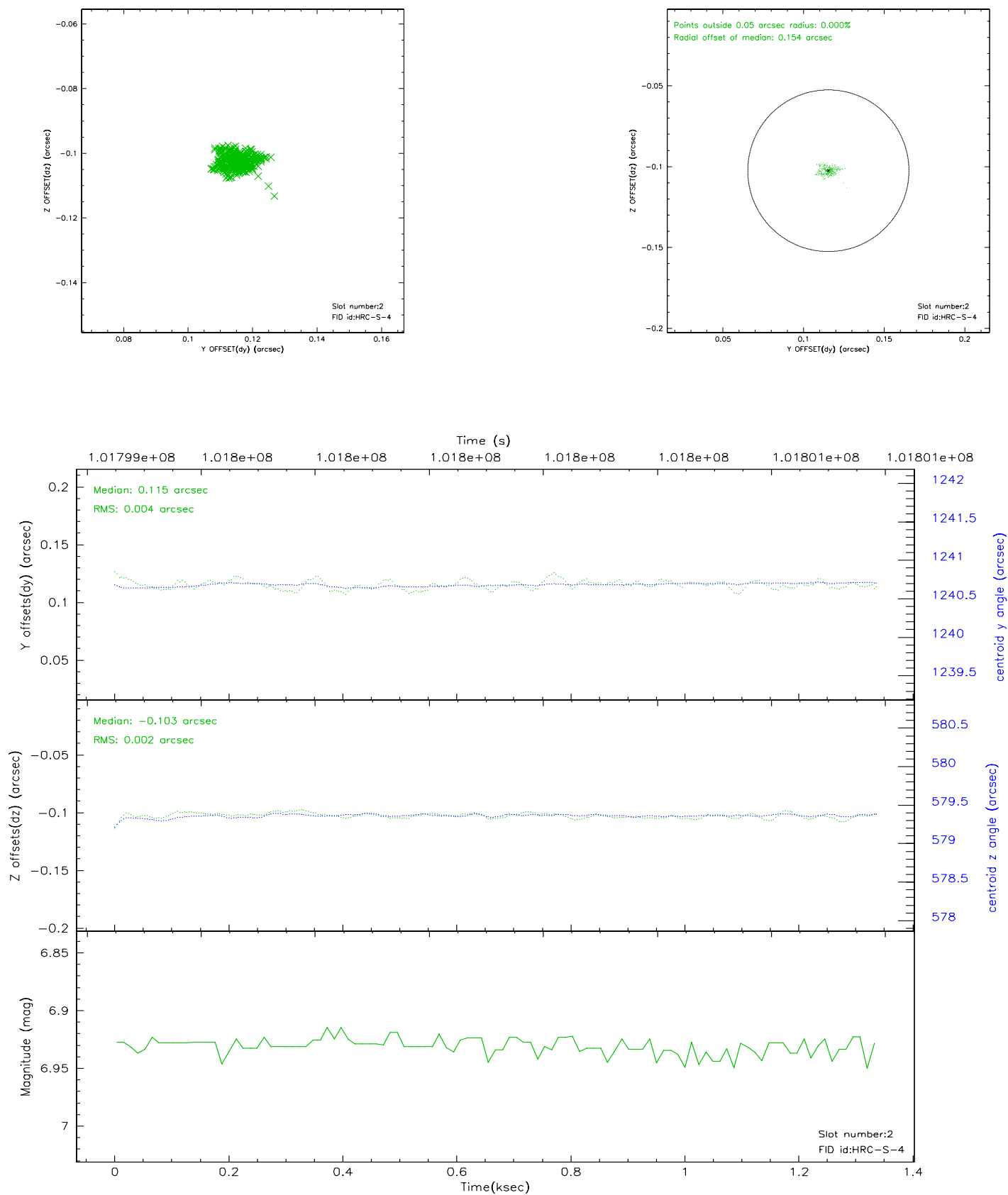
### 2.5.1 Slot 0



## 2.5.2 Slot 1

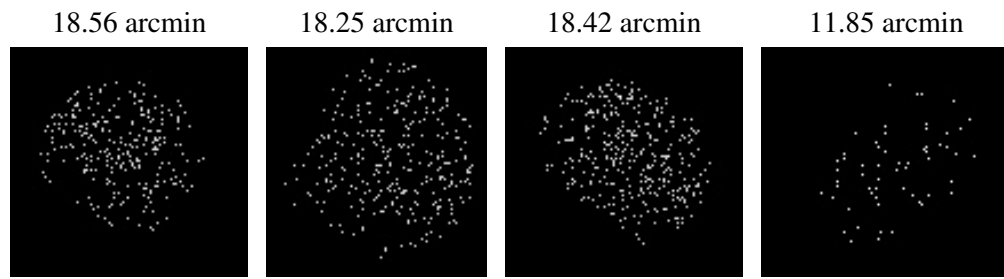


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.33

### A.2 Comments