

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 1829 - L2 Version 001  
Chandra X-Ray Center

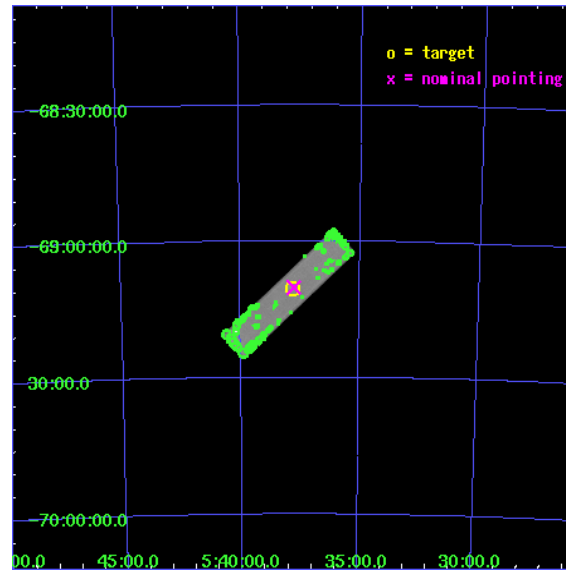
L2 Processing Date : Jun 1 2007

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# 1 Front

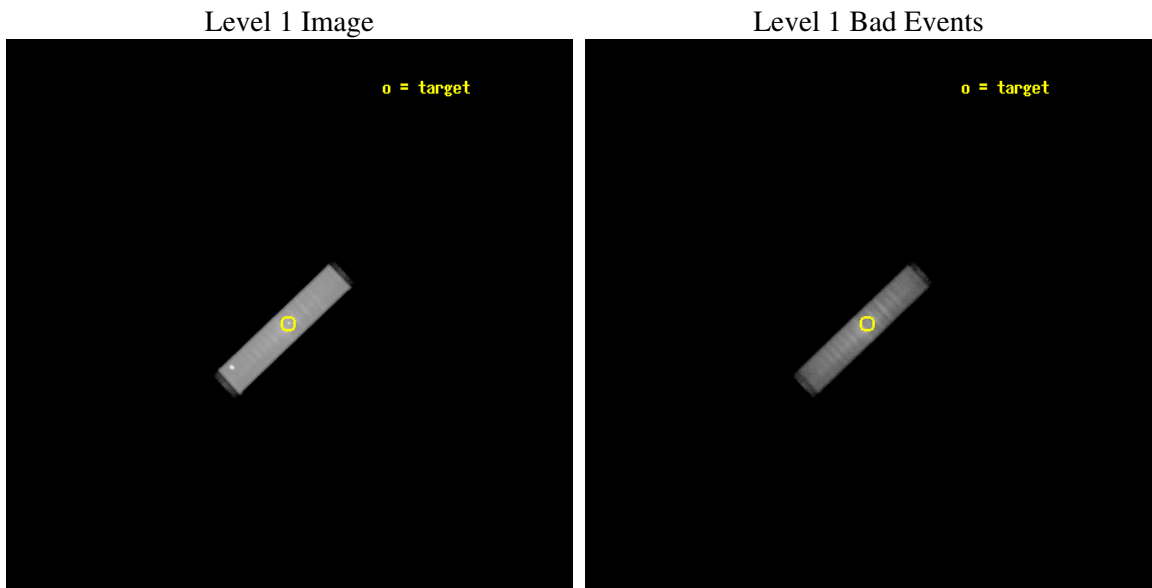
seq_num	500119
obs_id	1829
title	SNR 0538-69.1: THE SNR WITH THE FASTEST KNOWN PULSAR
observer	Prof. Q. Daniel Wang
object	SNR 0538-69.1
ra_targ	84.448333
dec_targ	-69.172222
ra_nom	84.438653610983
dec_nom	-69.168624682327
roll_nom	136.57403469216
revision	4
ontime	29819.301108018
livetime	29737.63971813
l2events	716343



## 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	2007-06-01T06:08:08
revision	4

sched_exp_time	30000.000000
ontime	29819.301109016
l1events	1209222

### 2.1.3 Events

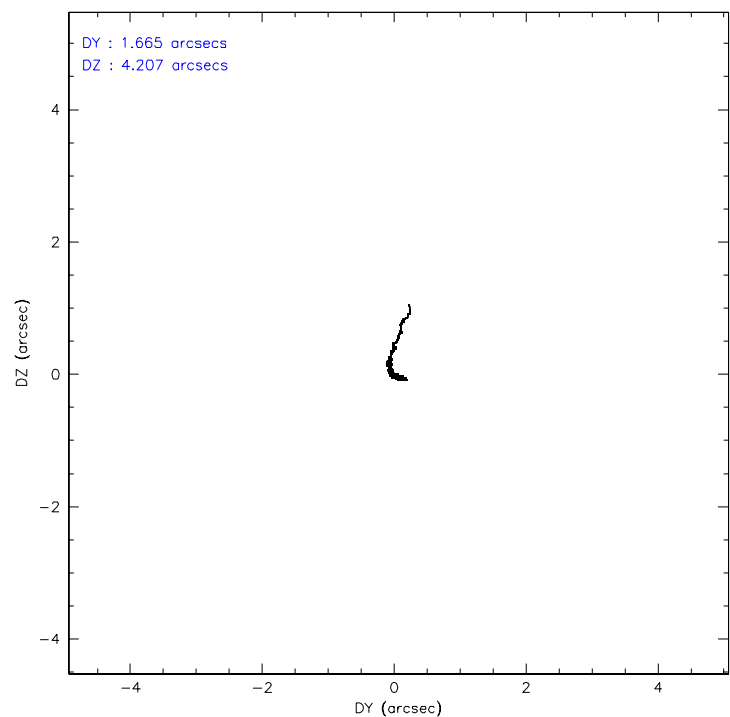
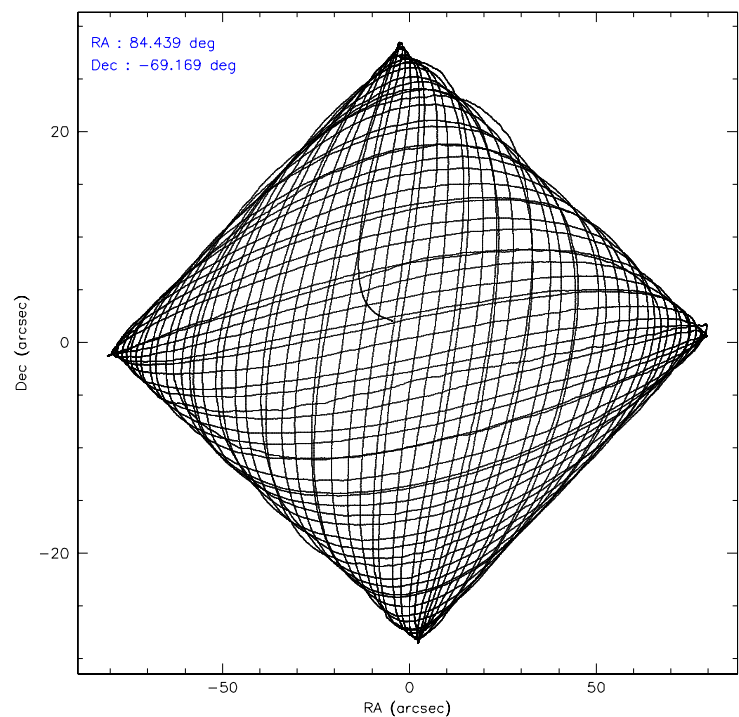
Level 1 Events

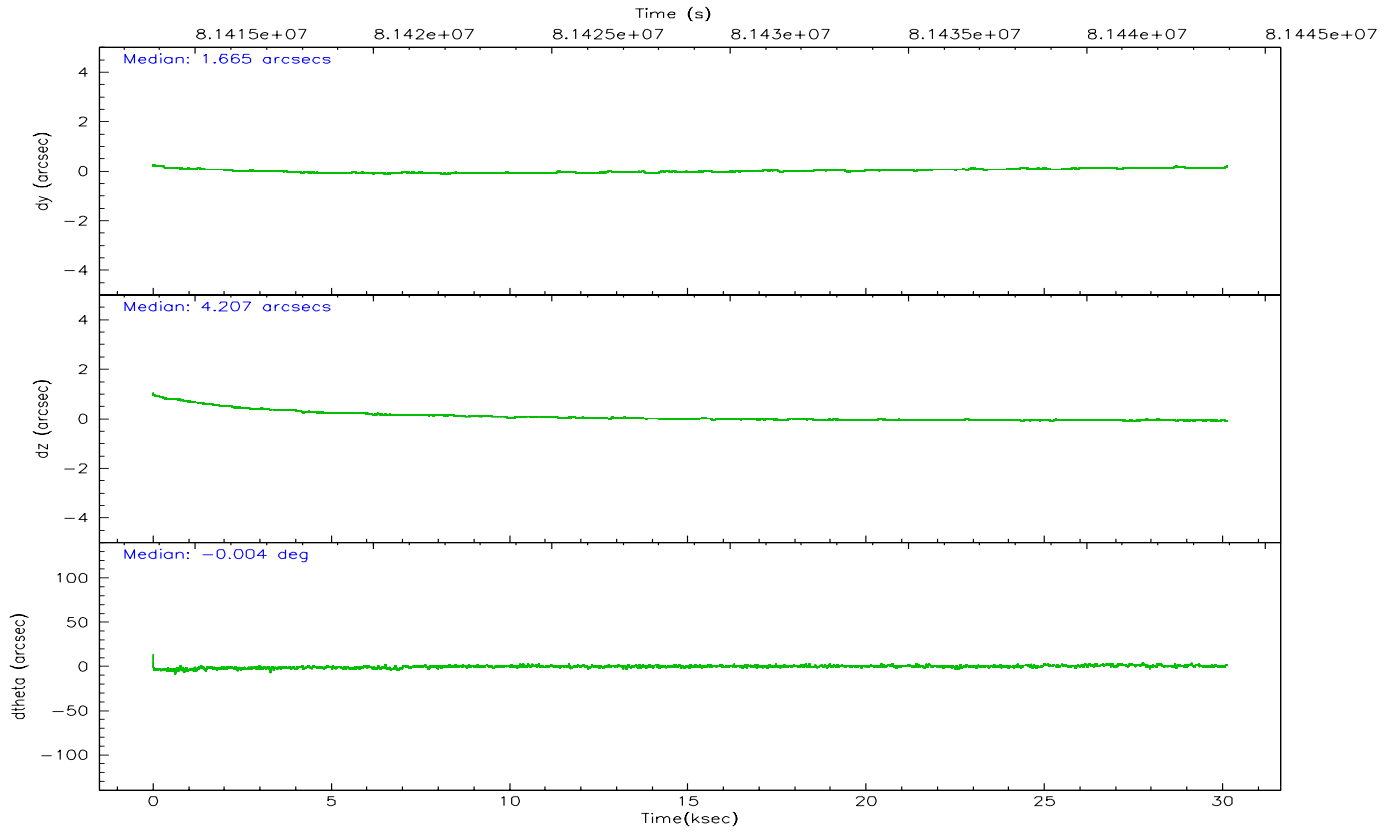
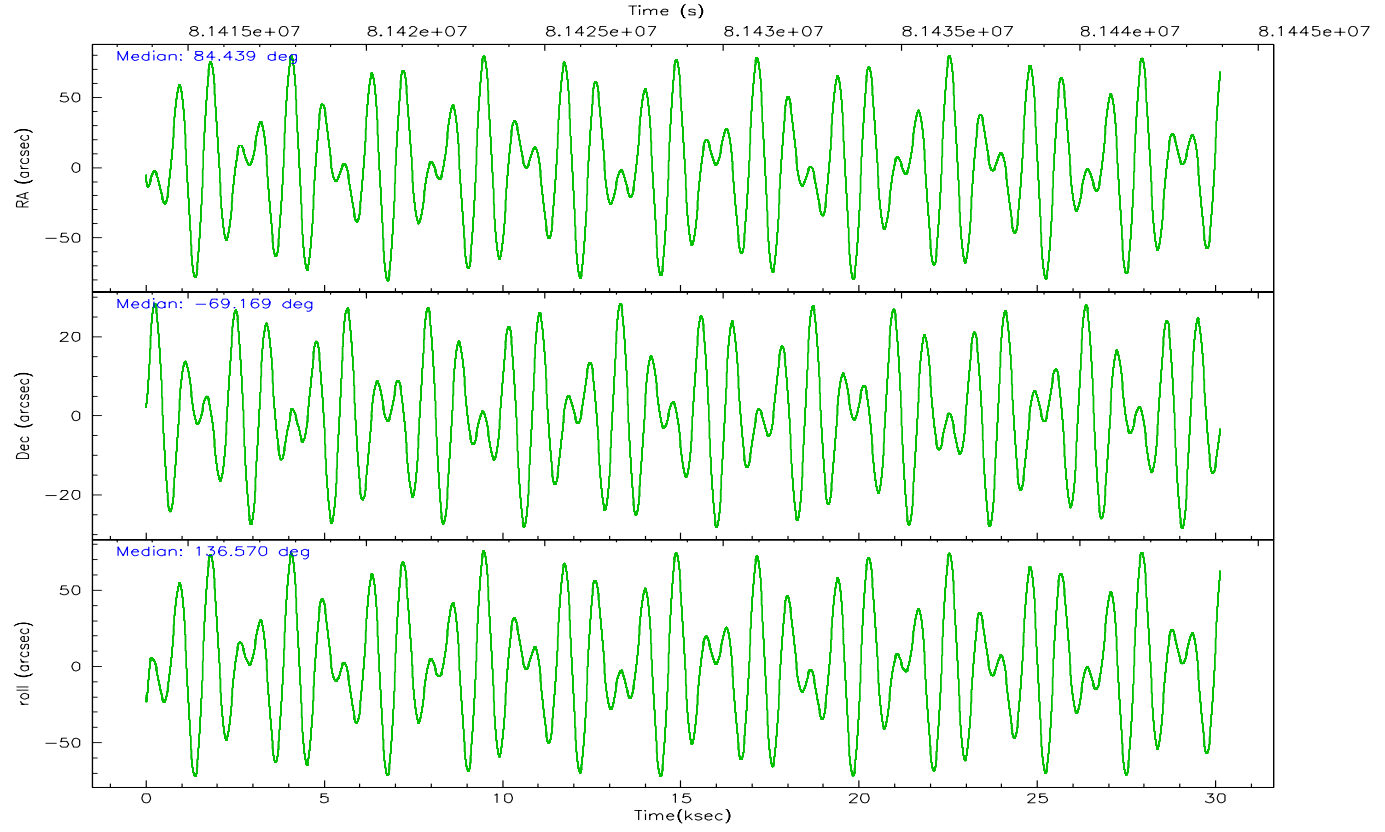
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1743	1207469	10
rejected events	1634	435906	10
rejected %	93%	36%	100%

## 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	84.518117	84.43865361098317			
Pointing Dec	-69.174131	-69.16862468232689			
Pointing Roll	136.580982	136.5740346921622			
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	81413947.184000	81412988.86159299			
Observation start date	2000-07-31T06:58:03	2000-07-31T06:43:08			
Observation end time	81443947.184000	81444693.650272			
Observation end date	2000-07-31T15:18:03	2000-07-31T15:31:33			

## 2.3 Aspect





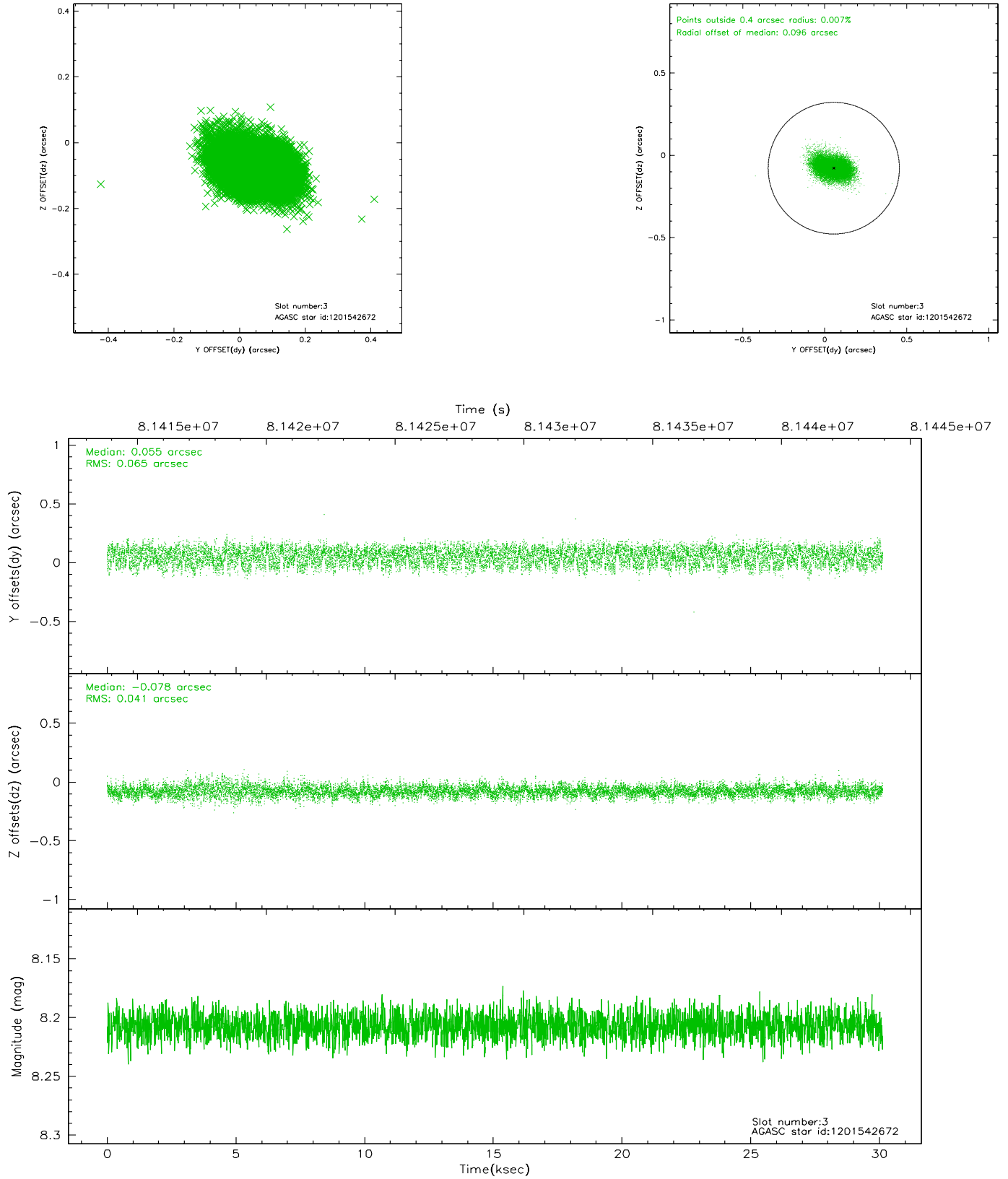
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	7346	0.125	-0.127	0.010	0.026	0.000000	0.000000	-1155.70	-452.78
1	FID	HRC-S-3	7.02	7348	0.162	-0.071	0.013	0.024	0.000000	0.000000	-1158.55	576.75
2	FID	HRC-S-4	6.96	7347	0.101	-0.098	0.008	0.013	0.000000	0.000000	1242.37	579.43
3	GUIDE	1201542672	8.21	14696	0.055	-0.078	0.082	0.130	84.492488	-69.957531	-1915.27	2070.72
4	GUIDE	1201017288	9.74	14450	0.025	0.018	0.103	0.171	84.358094	-68.728983	1253.51	-1019.23
5	GUIDE	1201018312	9.60	14691	0.008	0.053	0.098	0.159	86.298231	-69.115627	-1536.59	-1698.26
6	GUIDE	1201019200	9.46	14691	-0.029	-0.022	0.084	0.140	84.213591	-68.777384	1269.56	-763.22
7	GUIDE	1200885760	9.47	14689	-0.055	0.025	0.084	0.138	83.723637	-68.777667	1728.78	-319.34

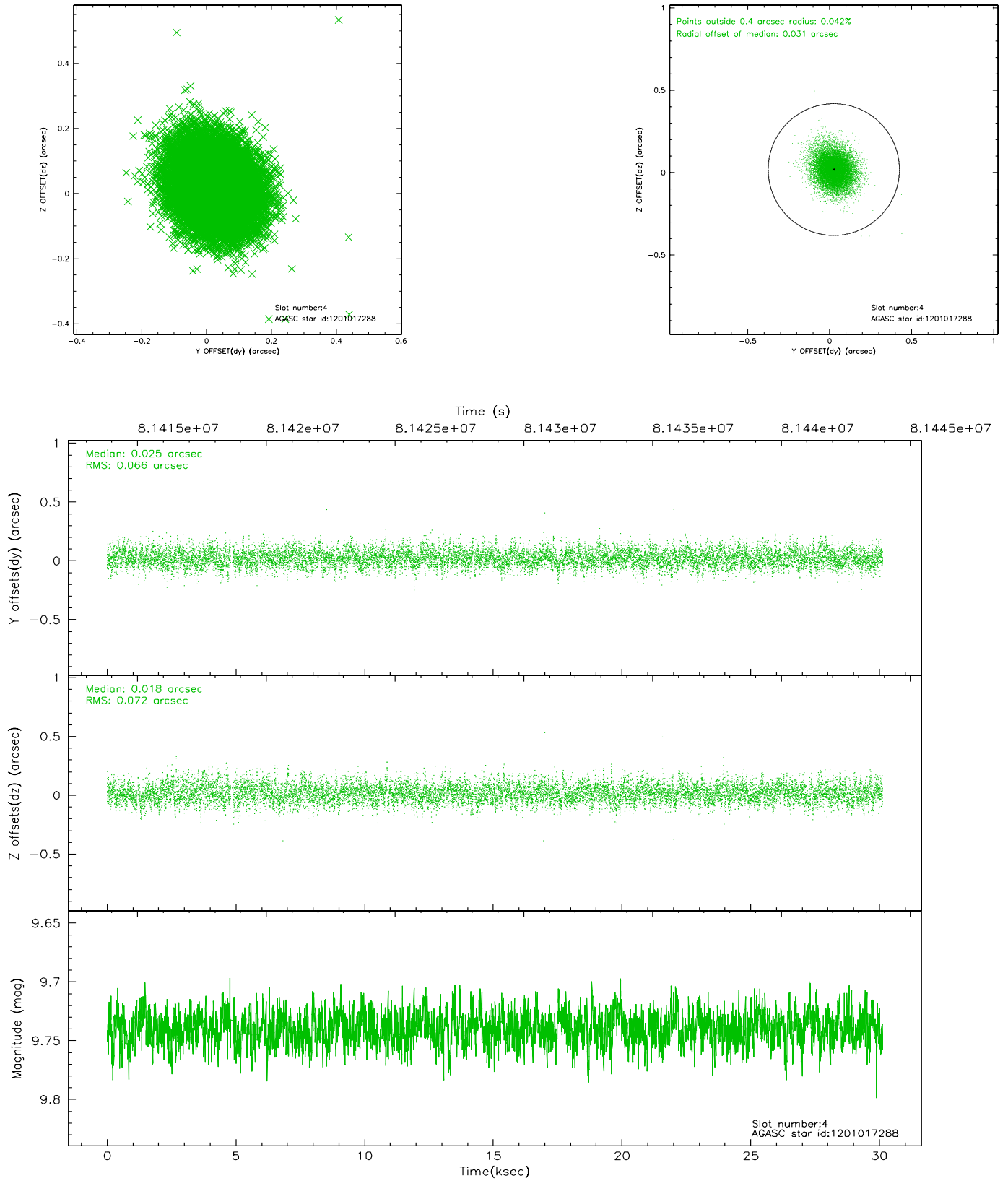


## 2.4 Star Slots

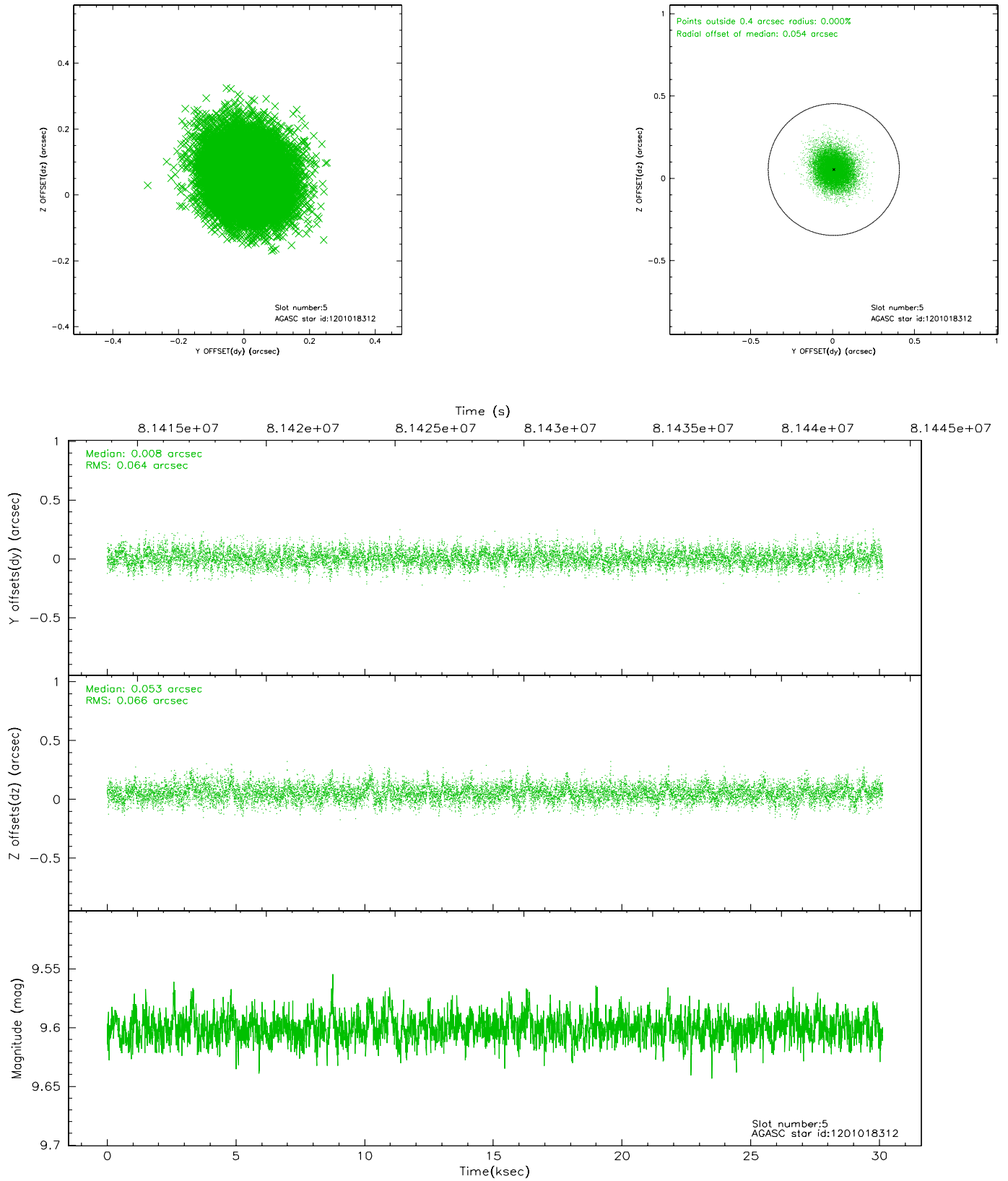
### 2.4.1 Slot 3



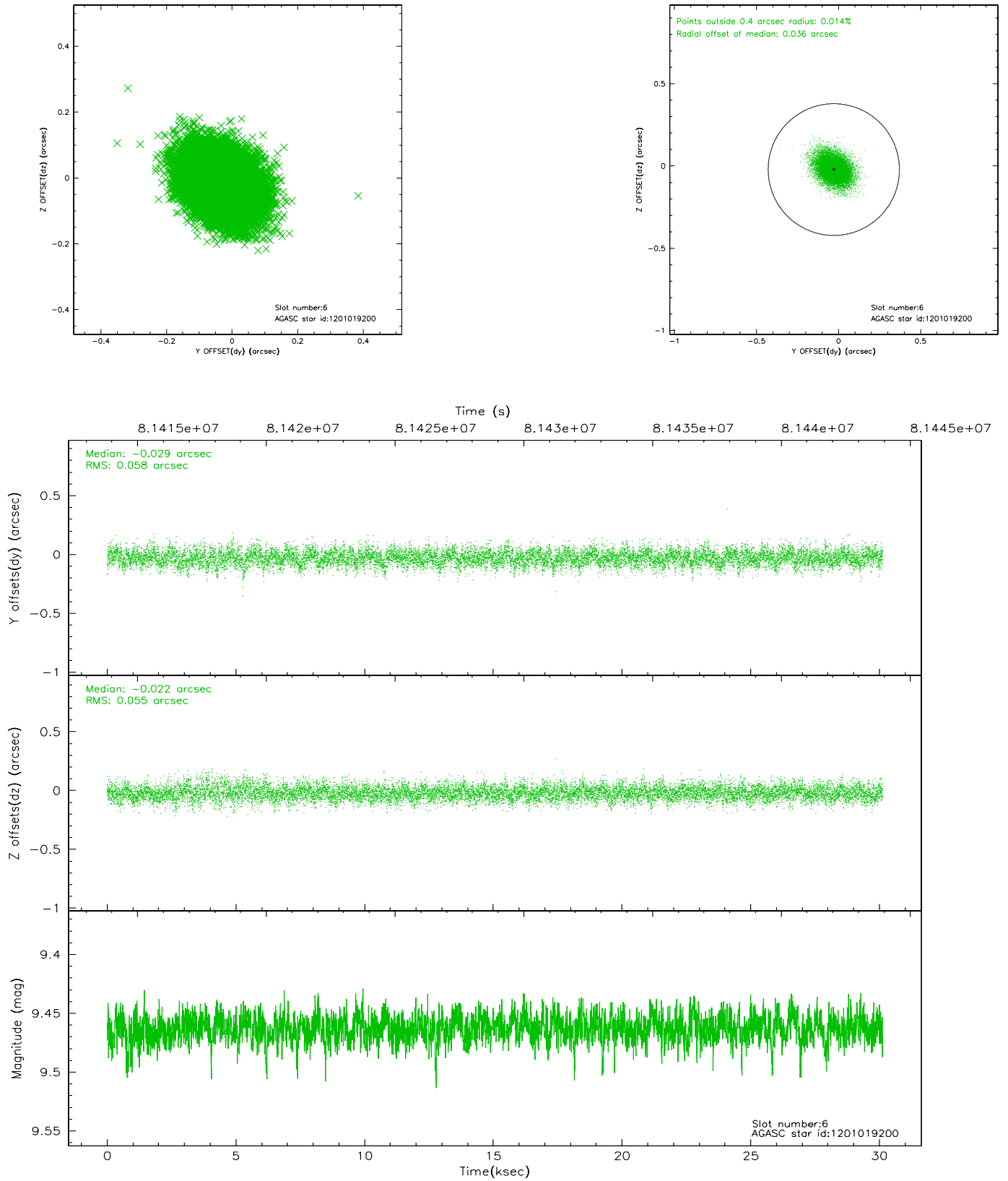
## 2.4.2 Slot 4



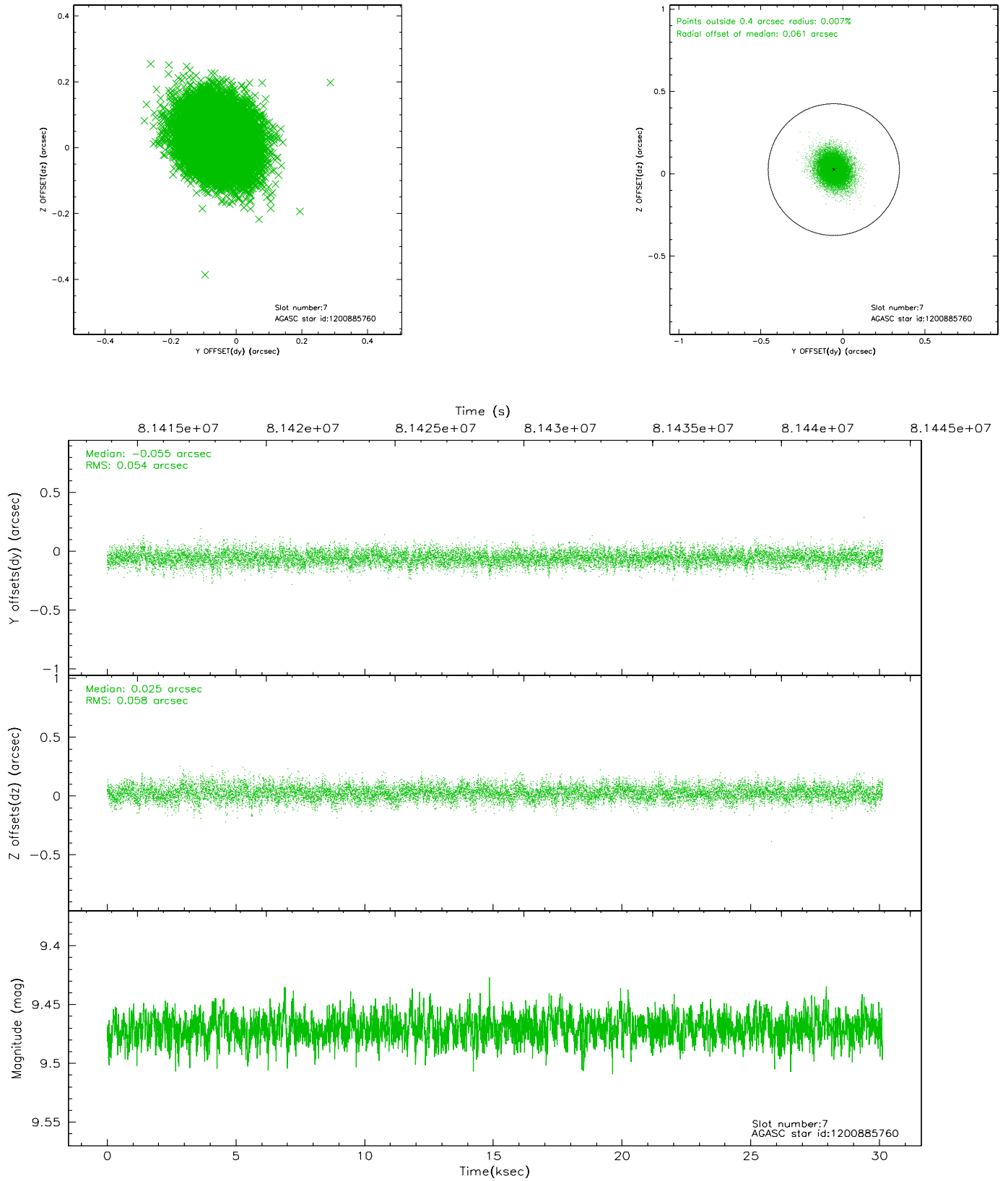
### 2.4.3 Slot 5



## 2.4.4 Slot 6

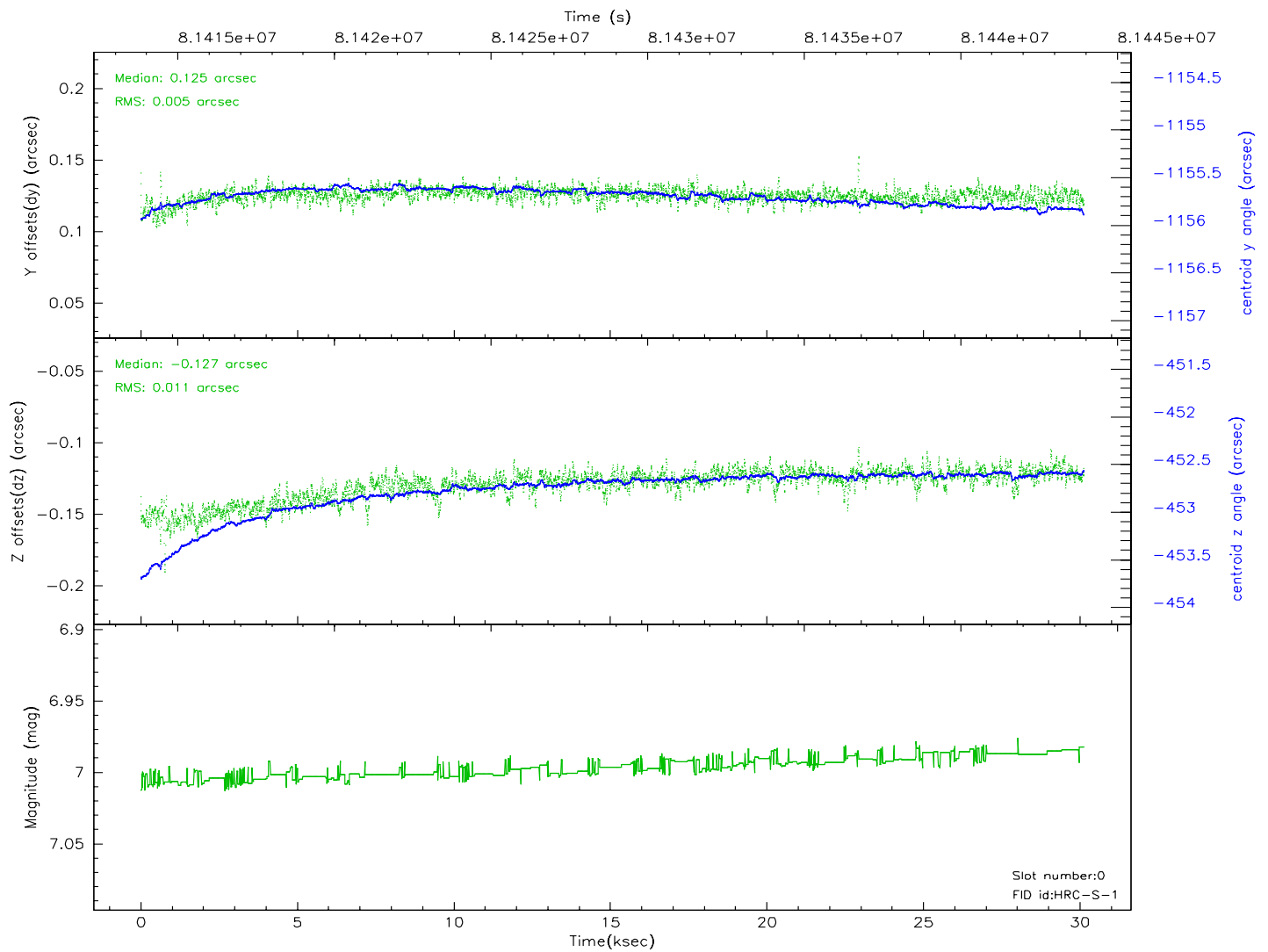
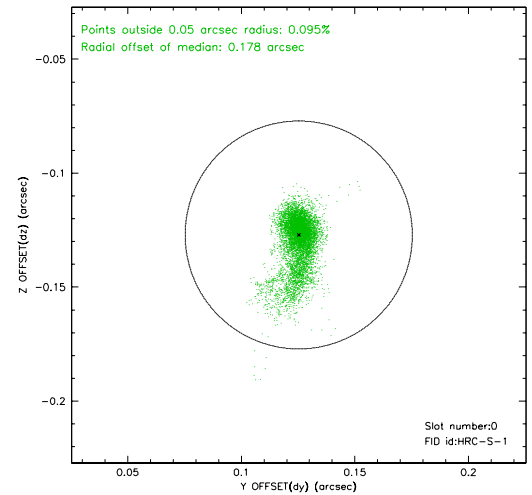
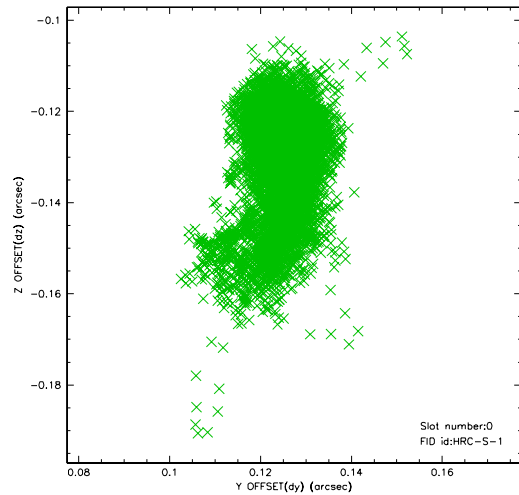


## 2.4.5 Slot 7

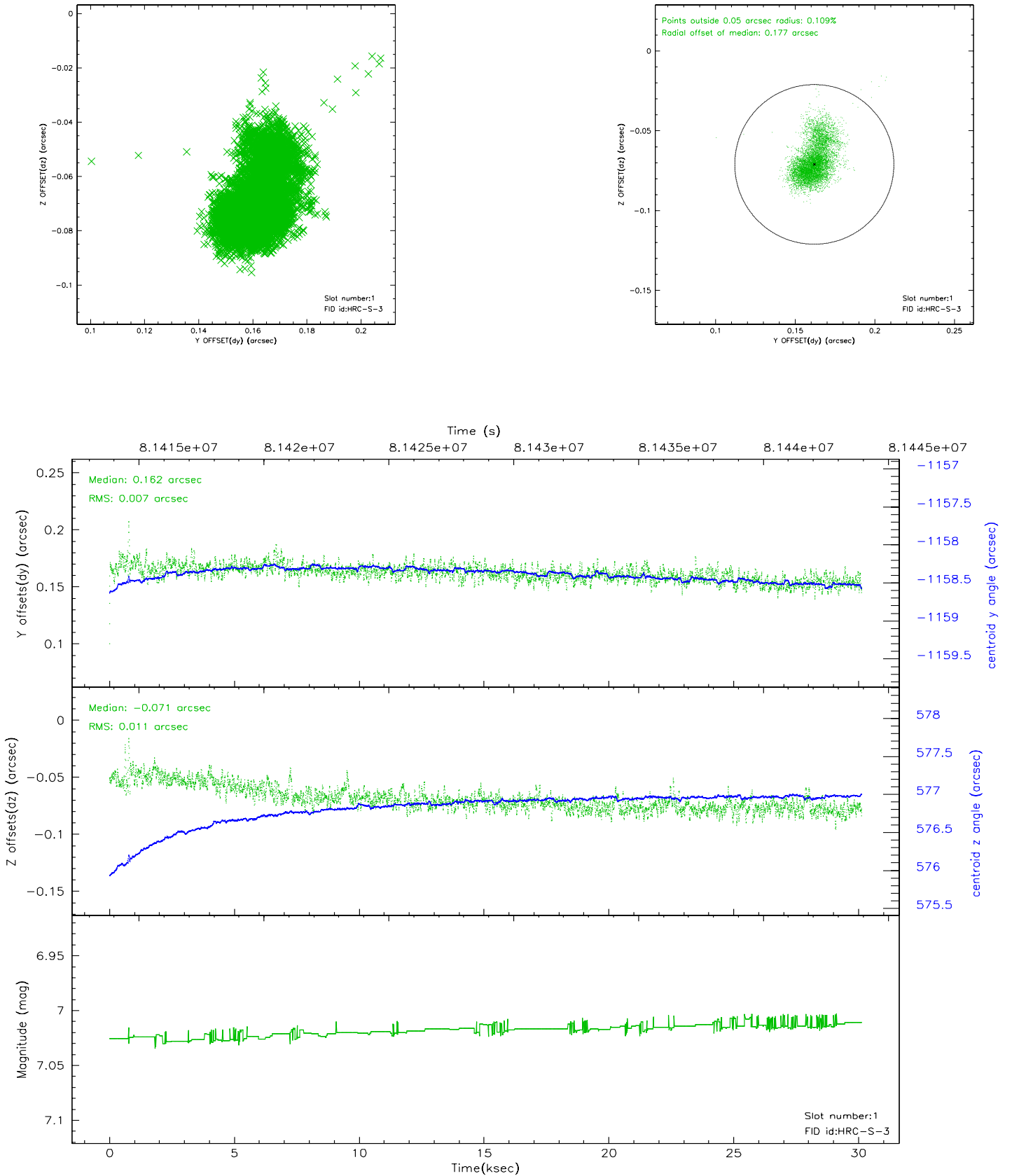


## 2.5 FID Slots

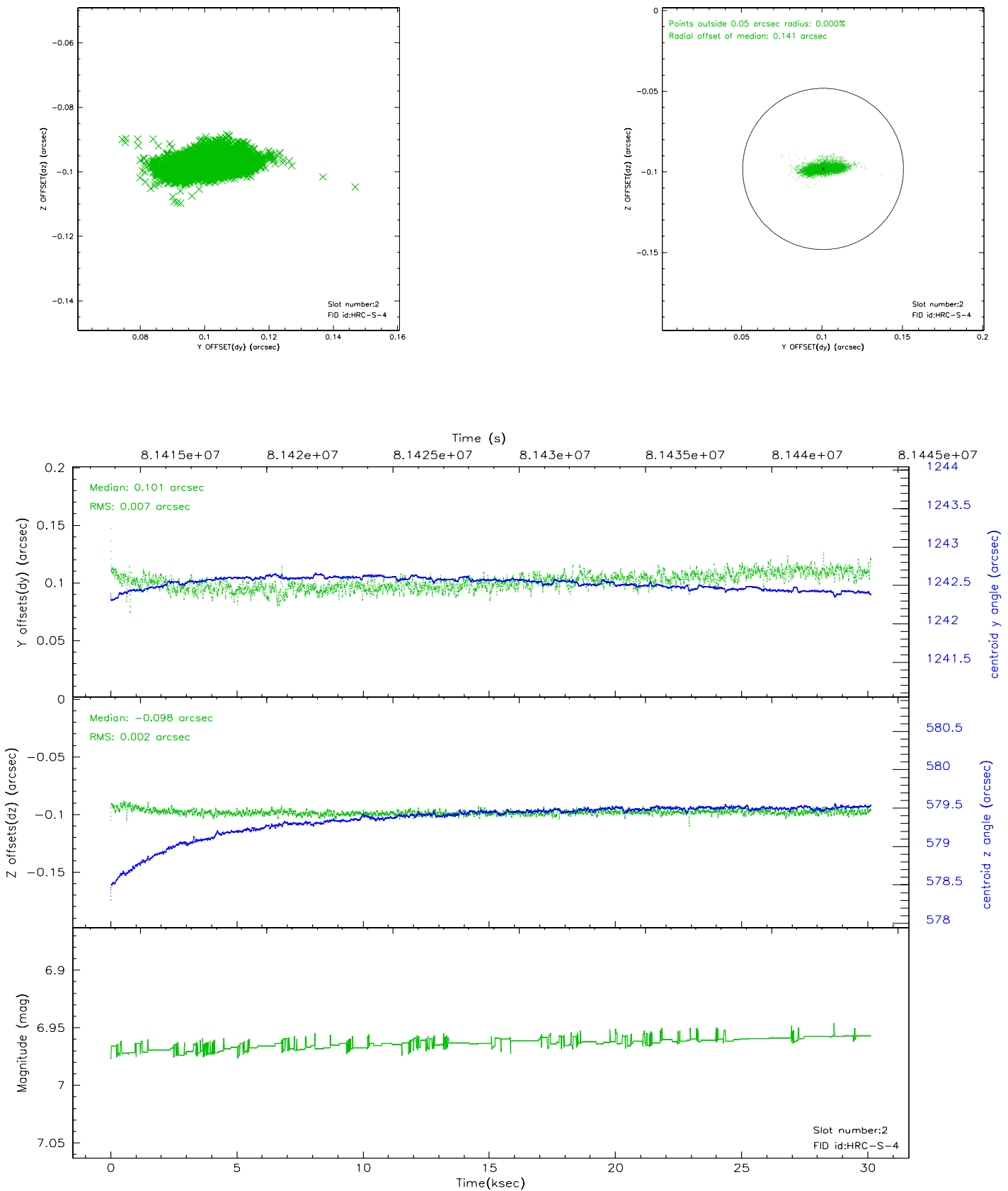
### 2.5.1 Slot 0



## 2.5.2 Slot 1

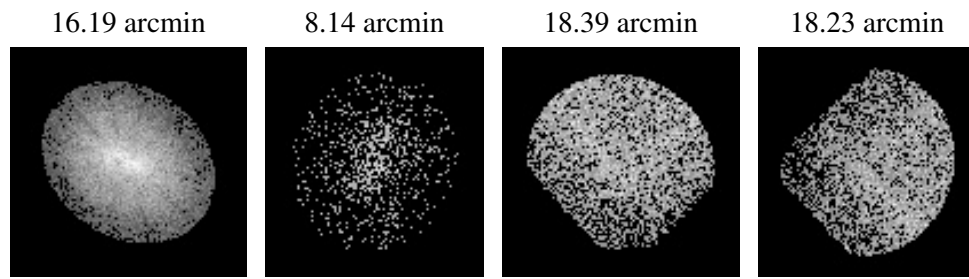


### 2.5.3 Slot 2





### 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	29.795

### A.2 Comments