

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 4092 - L2 Version 001  
Chandra X-Ray Center

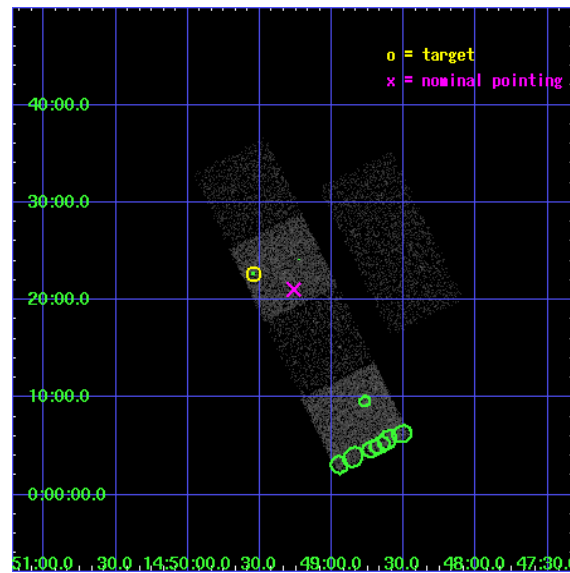
L2 Processing Date : Aug 10 2006

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# 1 Front

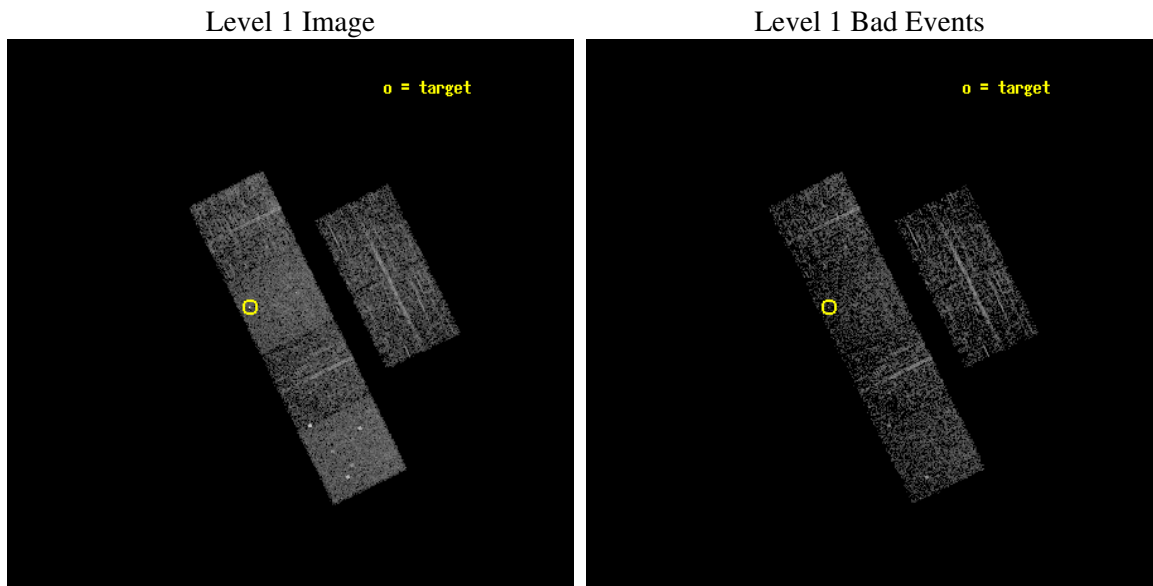
seq_num	700771
obs_id	4092
title	ARE ALL NARROW-LINE SEYFERT 1S ULTRASOFT X-RAY SOURCES?
observer	Prof RICHARD POGGE
object	SDSS J144932.70+002236.3
dtcycle	0
cycle	P
ra_targ	222.38625
dec_targ	0.37675
ra_nom	222.31590183005
dec_nom	0.35113674094622
roll_nom	243.81127738443
revision	2
ontime	2175.9999918938
livetime	2148.4461697665
ontime2	2175.9999918938
ontime3	2175.9999918938
ontime5	2175.9999918938
ontime6	2175.9999918938
ontime7	2175.9999918938
ontime8	2175.9999918938
l2events	20782



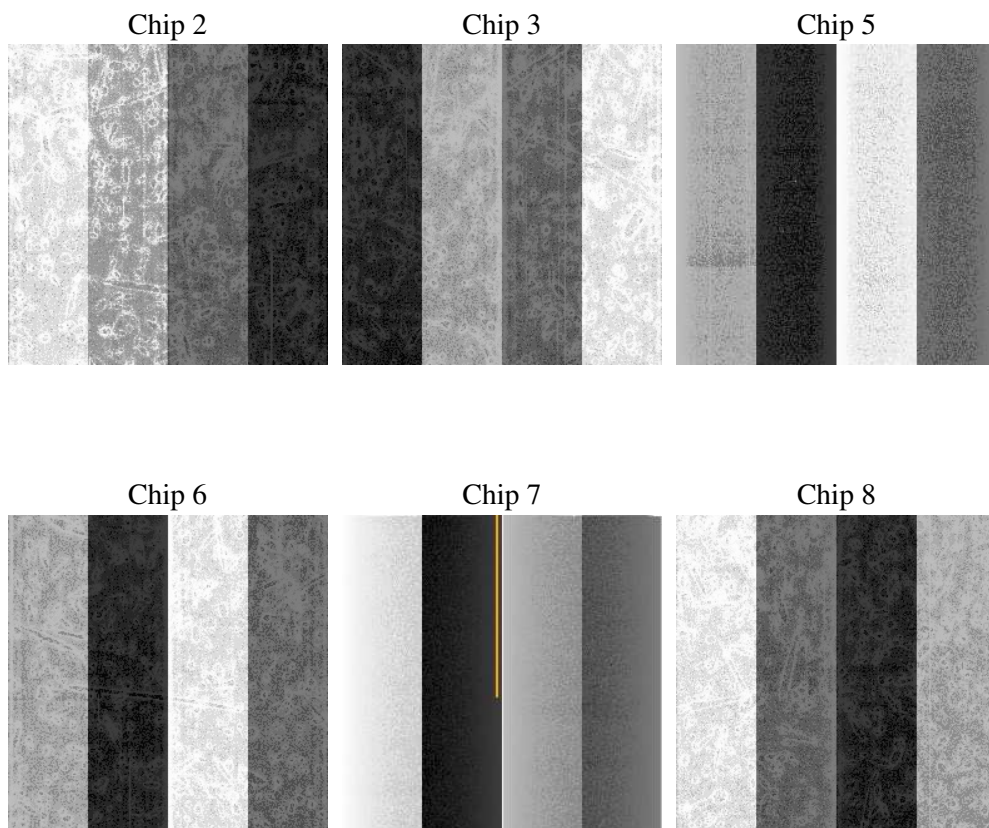
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.2
date	2006-08-10T07:56:24
revision	2

sched_exp_time	2000.000000
ontime	3237.758008033
ontime2	3237.758008033
ontime3	3237.758008033
ontime5	3237.758008033
ontime6	3237.758008033
ontime7	3237.758008033
ontime8	3237.758008033
l1events	136188

### 2.1.4 Events

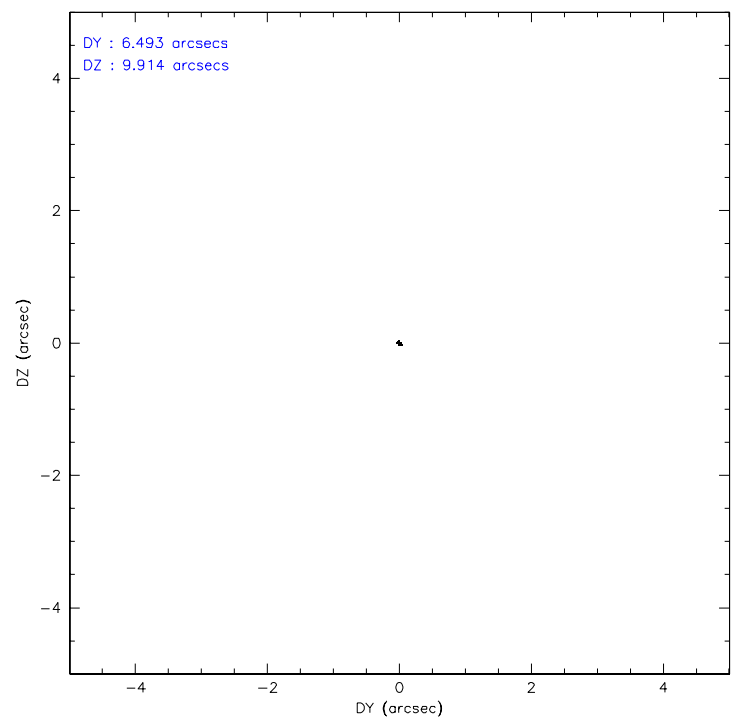
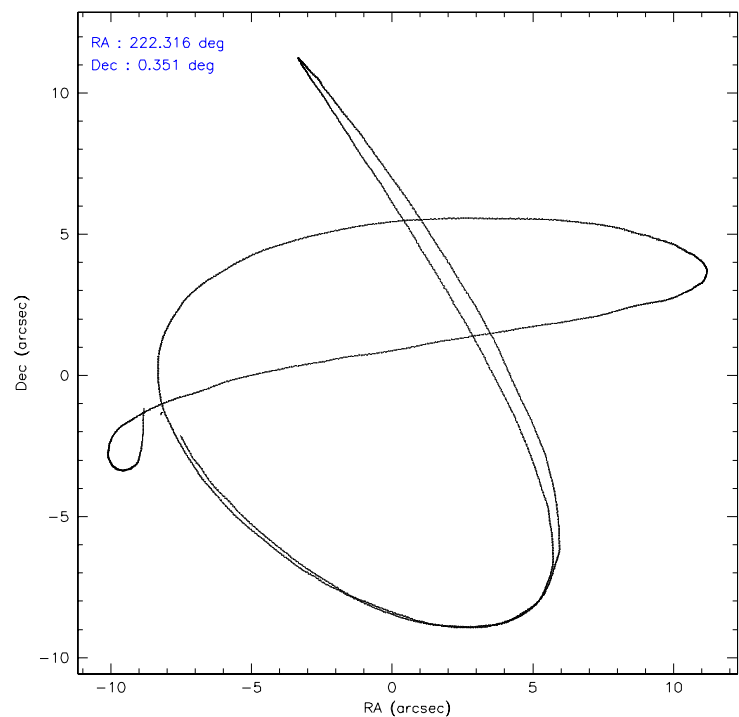
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18554	18113	29904	18934	26362	24321
rejected events	16922	16569	20557	17271	19099	20538
rejected %	91%	91%	68%	91%	72%	84%

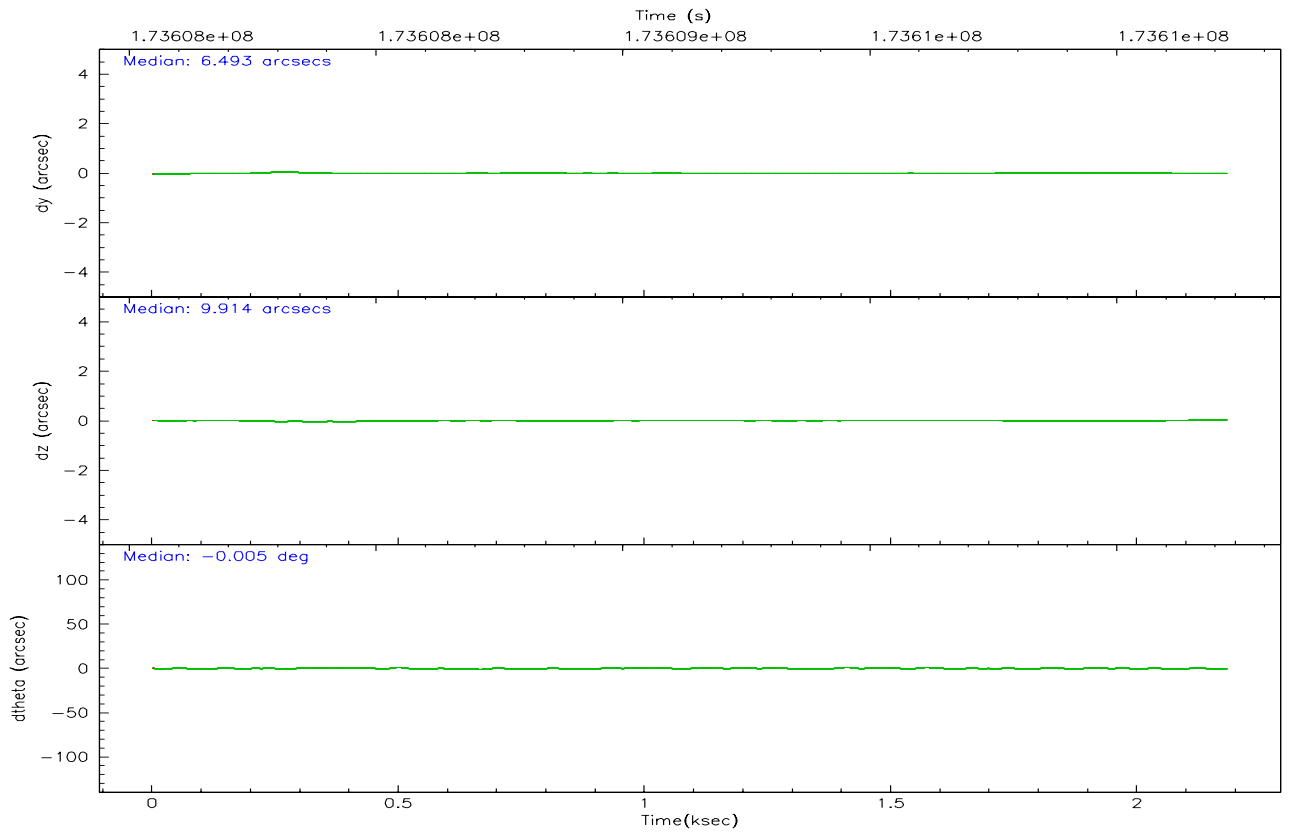
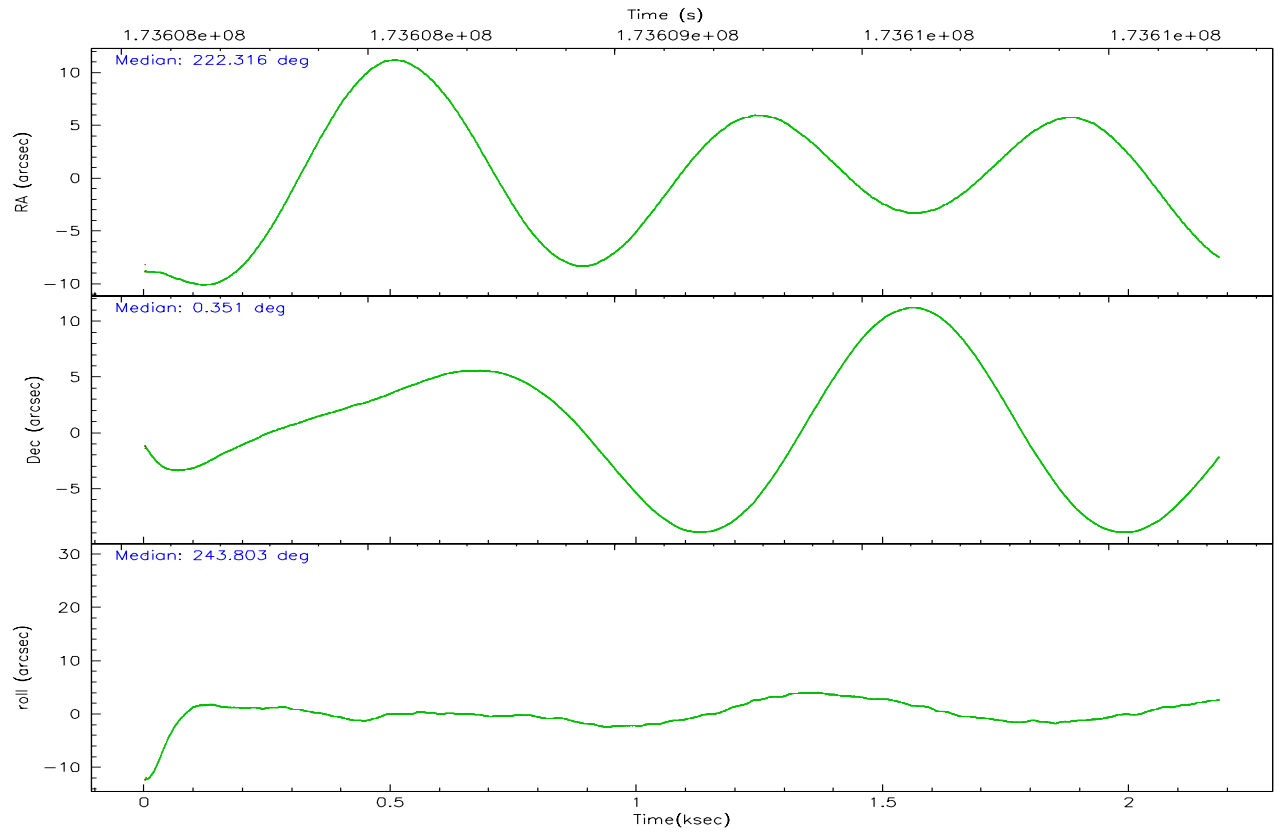
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1097	1032	1929	1028	764	1809
	5%	5%	6%	5%	2%	7%
grade 1 events	10	10	98	8	26	20
	0%	0%	0%	0%	0%	0%
grade 2 events	476	428	4241	492	2560	1158
	2%	2%	14%	2%	9%	4%
grade 3 events	213	214	331	238	587	587
	1%	1%	1%	1%	2%	2%
grade 4 events	217	206	290	242	571	560
	1%	1%	0%	1%	2%	2%
grade 5 events	680	798	1398	835	1725	1126
	3%	4%	4%	4%	6%	4%
grade 6 events	338	402	7138	462	5956	1386
	1%	2%	23%	2%	22%	5%
grade 7 events	15523	15023	14479	15629	14173	17675
	83%	82%	48%	82%	53%	72%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	222.313787	222.3159018300527	Alternating exposures requested	N	N
Pointing Dec	0.378412	0.3511367409462175	Primary exposure time	0.000000	3.2
Pointing Roll	243.654728	243.8112773844261			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	173608232.184000	173606637.03546			
Observation start date	2003-07-03T08:29:28	2003-07-03T08:03:57			
Observation end time	173610232.184000	173610816.98564			
Observation end date	2003-07-03T09:02:48	2003-07-03T09:13:36			
Read mode	TIMED	TIMED			

### 2.3 Aspect





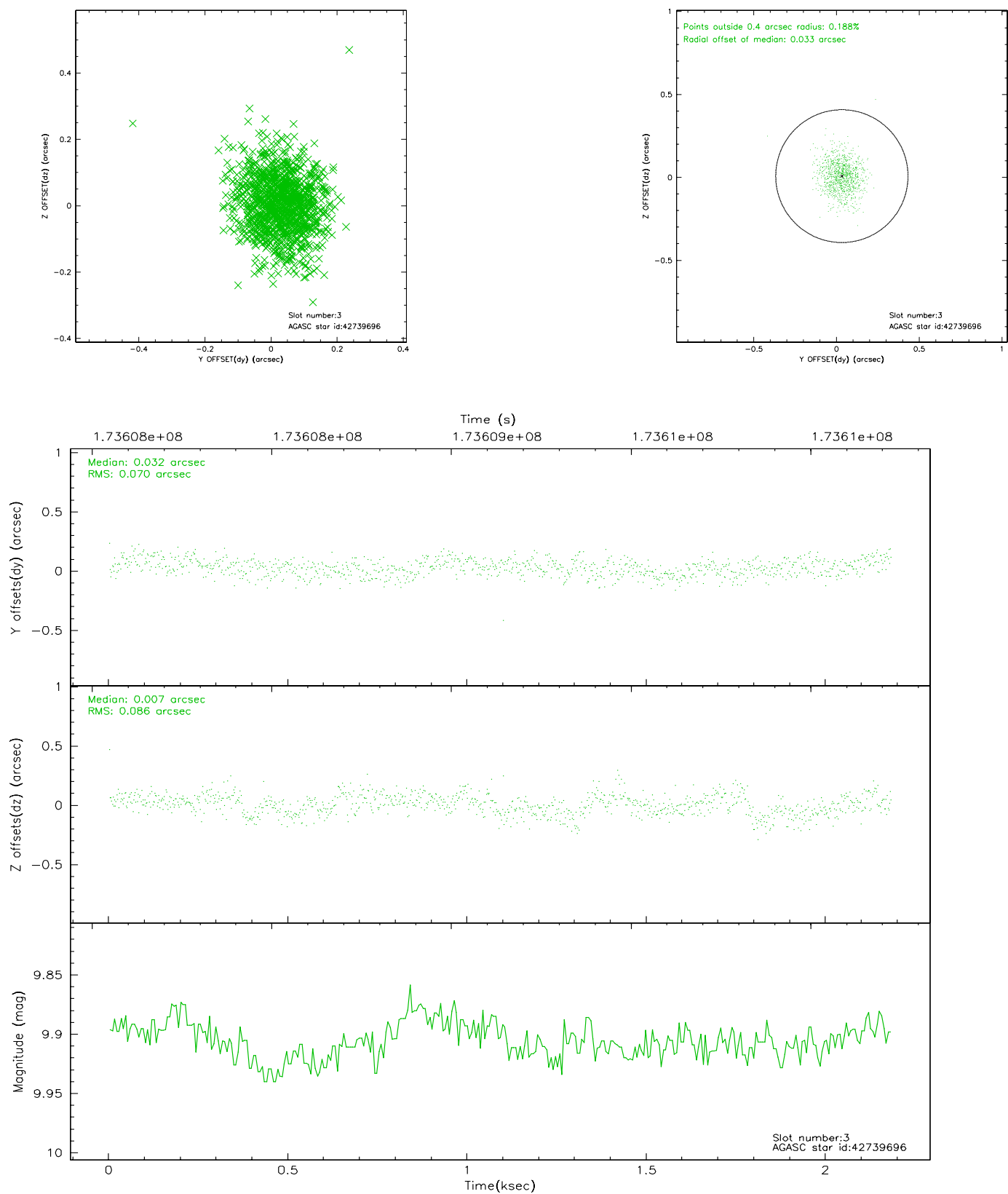
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	533	-0.048	0.001	0.006	0.010	0.000000	0.000000	-759.25	-1731.17
1	FID	ACIS-S-4	7.20	533	0.034	0.023	0.005	0.008	0.000000	0.000000	2152.72	174.30
2	FID	ACIS-S-5	7.23	532	-0.017	-0.015	0.006	0.010	0.000000	0.000000	-1808.25	171.26
3	GUIDE	42739696	9.91	1065	0.032	0.007	0.117	0.191	221.804683	0.329335	971.61	-1563.83
4	GUIDE	42740064	9.36	1065	-0.136	-0.062	0.092	0.155	222.016092	0.872392	-1117.36	-1751.19
5	GUIDE	42862688	8.52	1065	-0.083	0.099	0.062	0.096	222.786006	0.556783	-1331.39	1236.62
6	GUIDE	653525192	7.89	1065	0.041	0.082	0.062	0.096	222.513730	-0.005578	917.72	1260.07
7	GUIDE	42737032	9.83	1063	0.145	-0.130	0.146	0.224	221.987097	0.426110	368.92	-1128.93

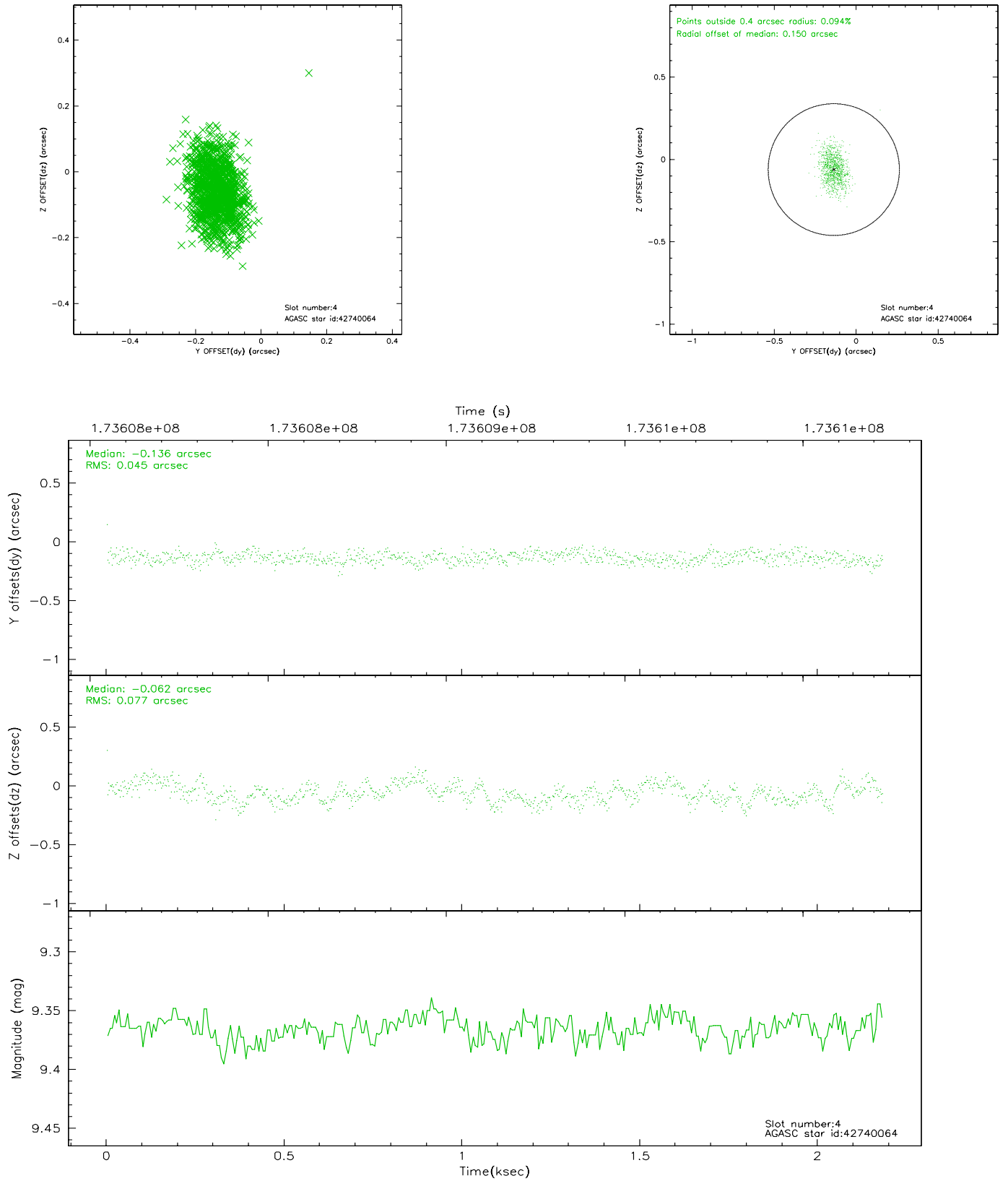


## 2.4 Star Slots

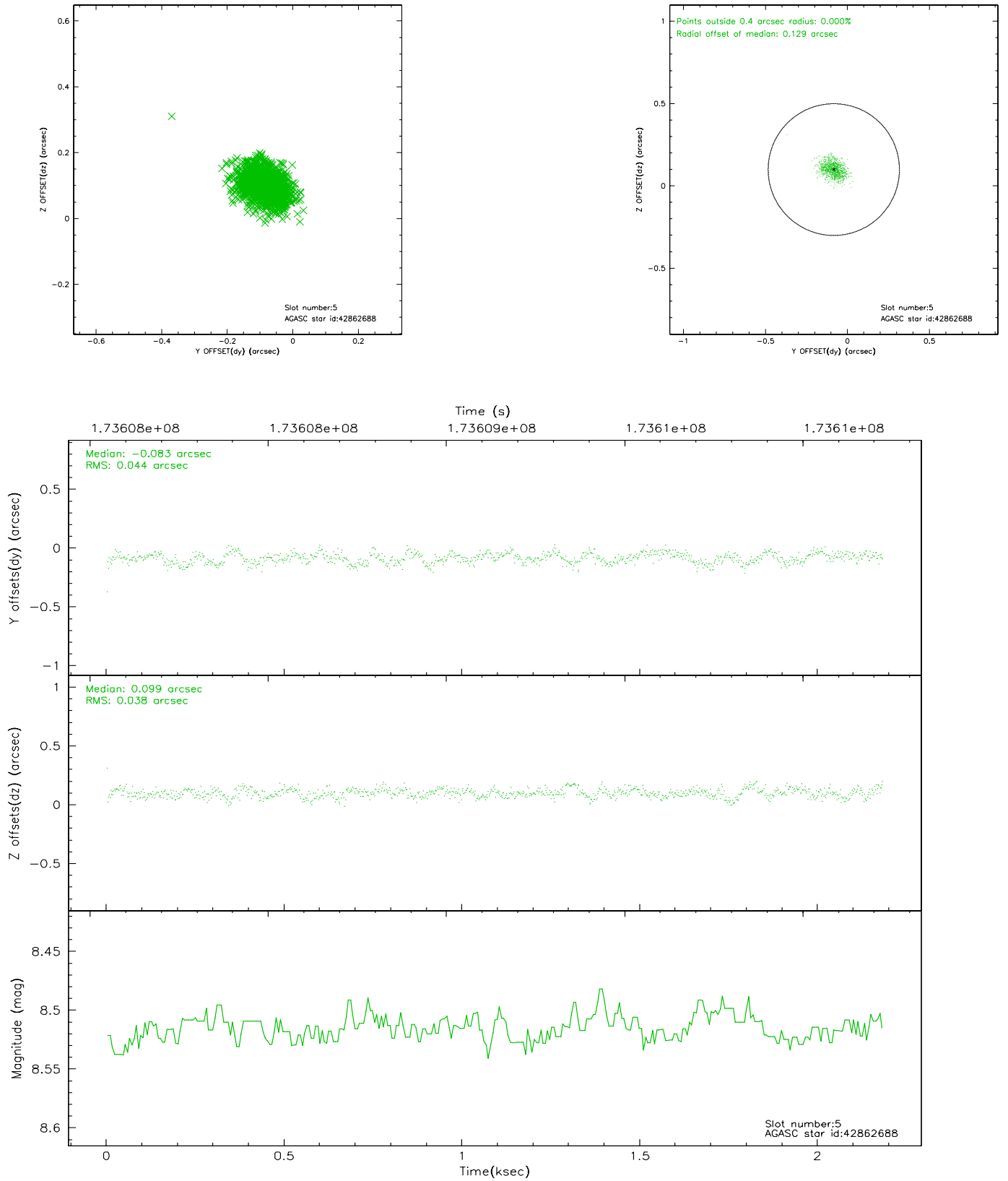
### 2.4.1 Slot 3



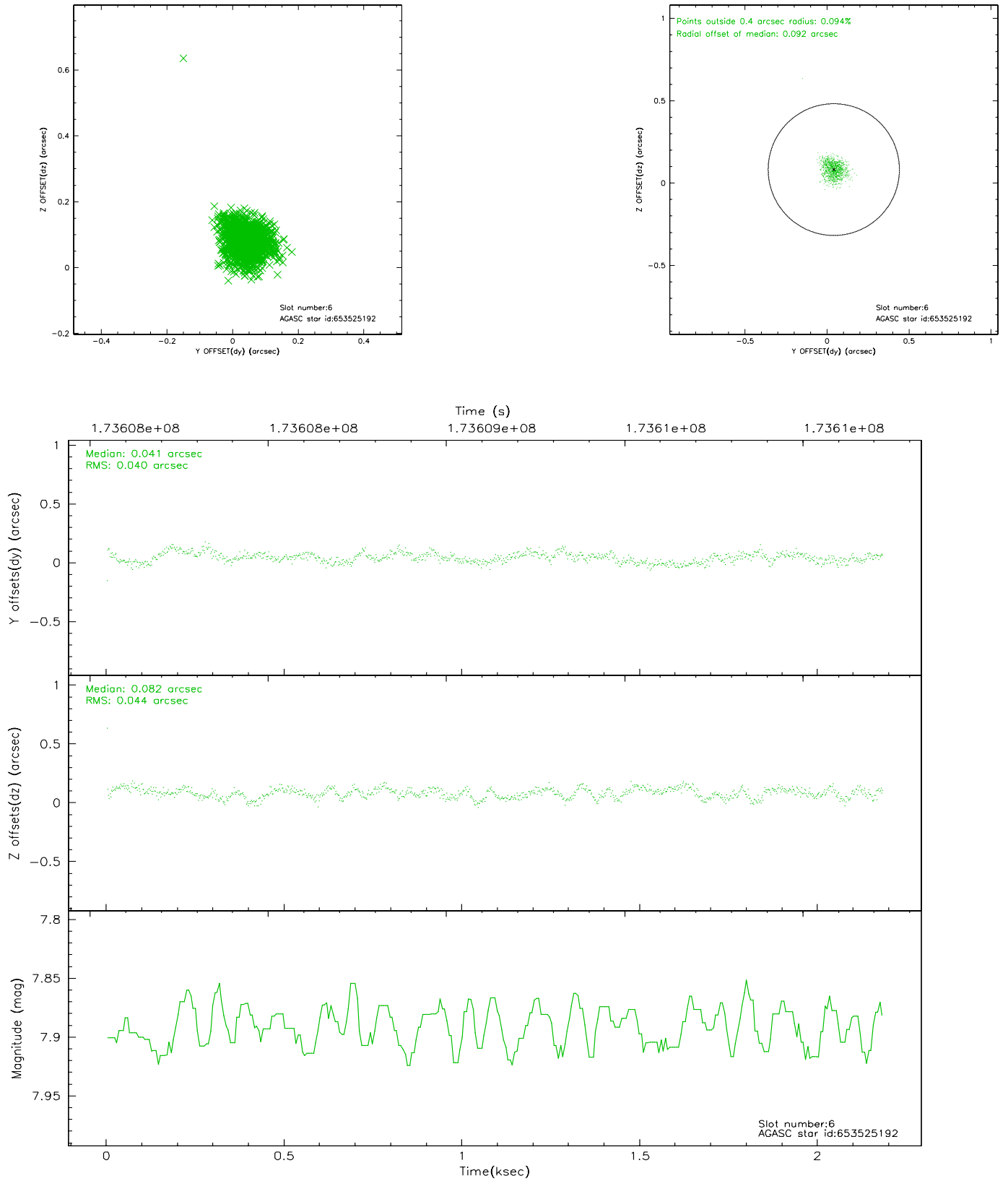
## 2.4.2 Slot 4



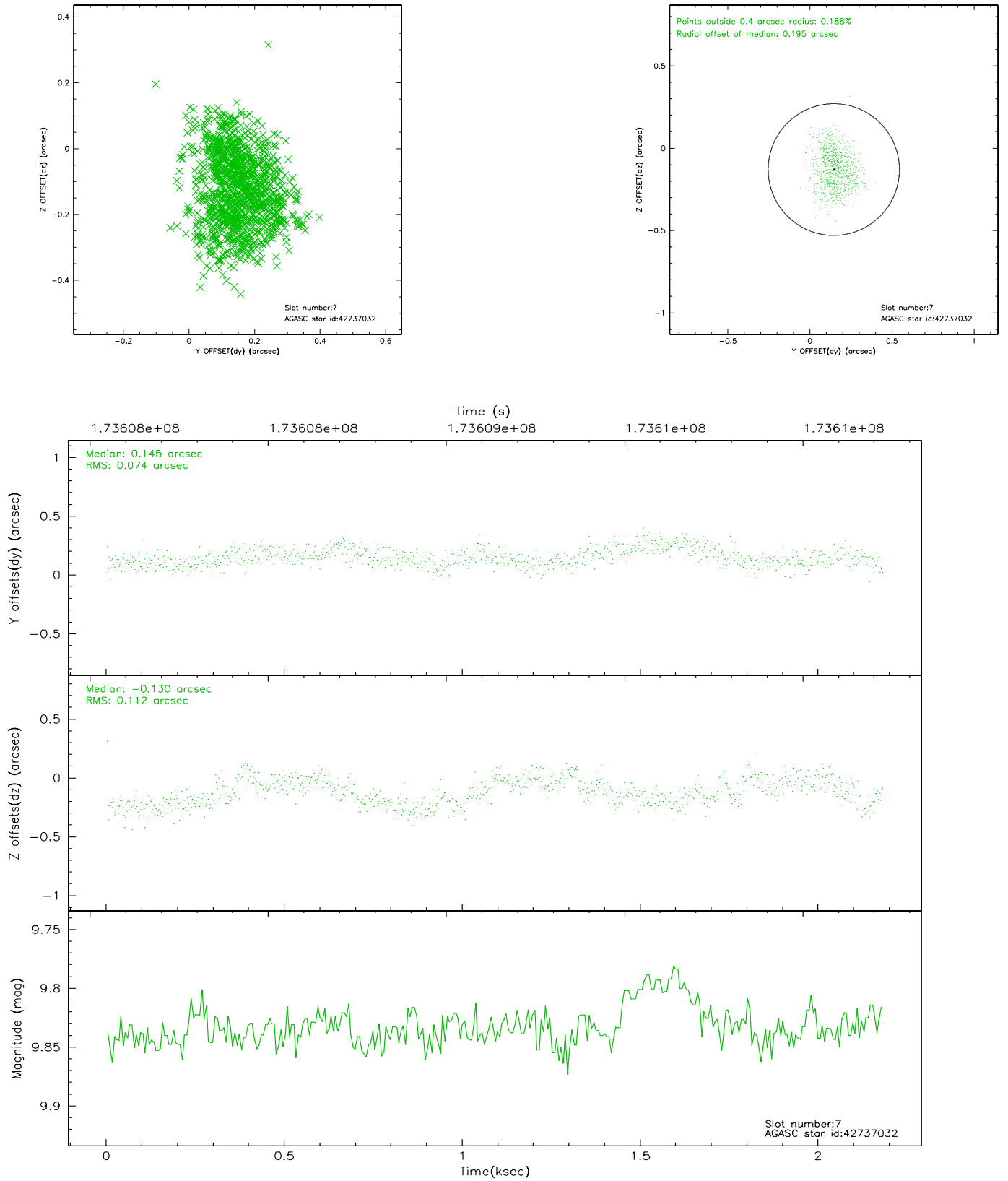
### 2.4.3 Slot 5



## 2.4.4 Slot 6

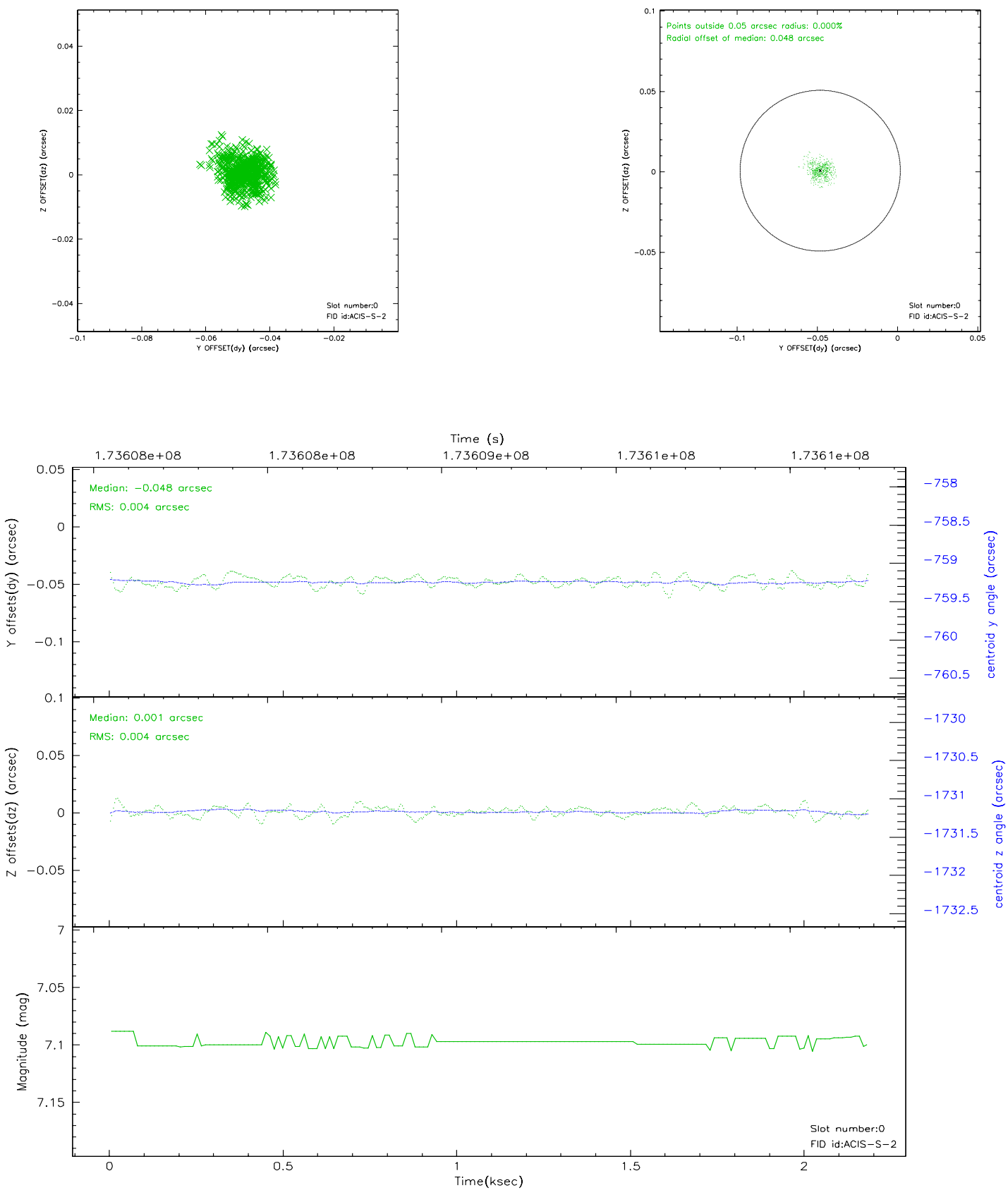


## 2.4.5 Slot 7

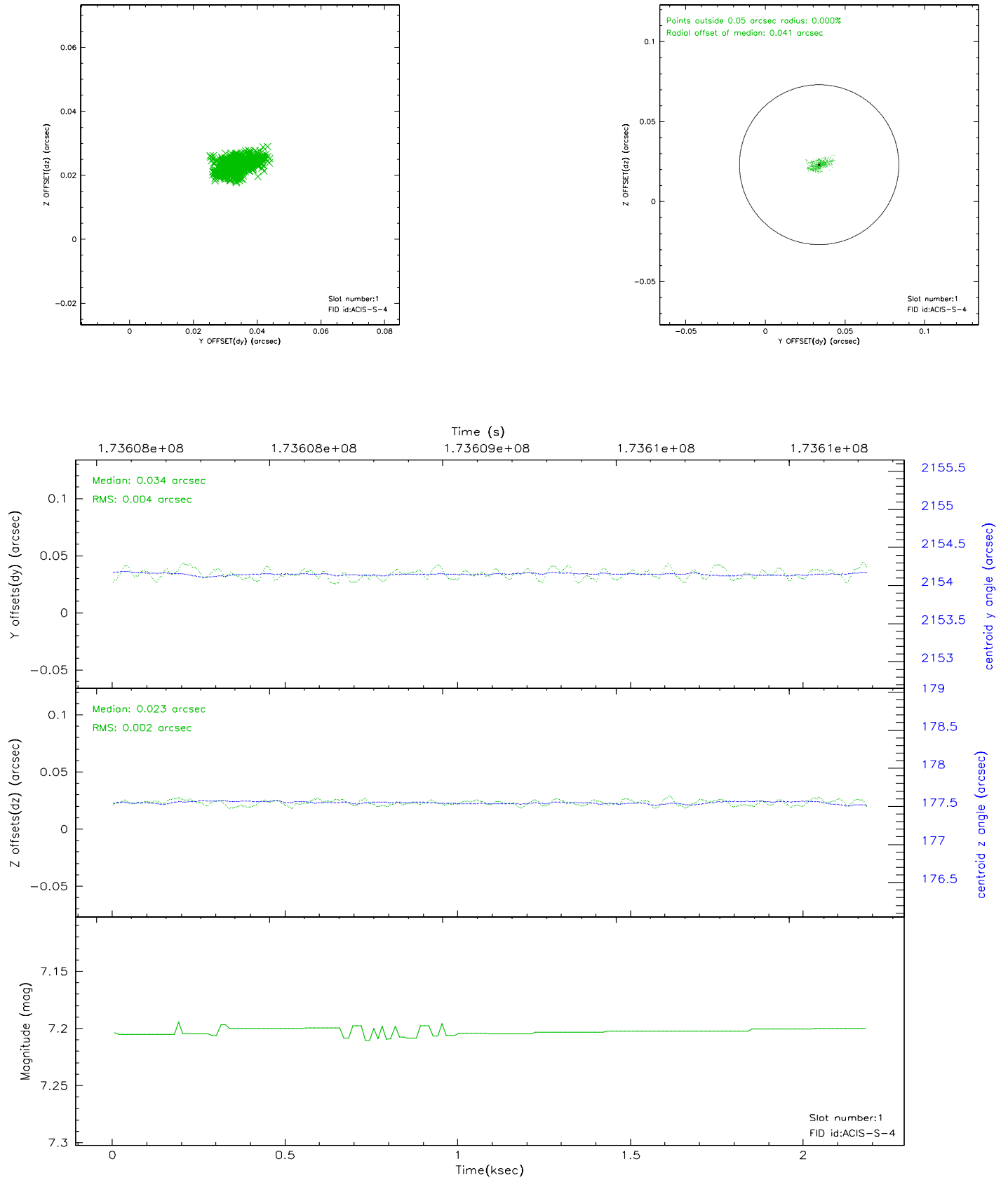


## 2.5 FID Slots

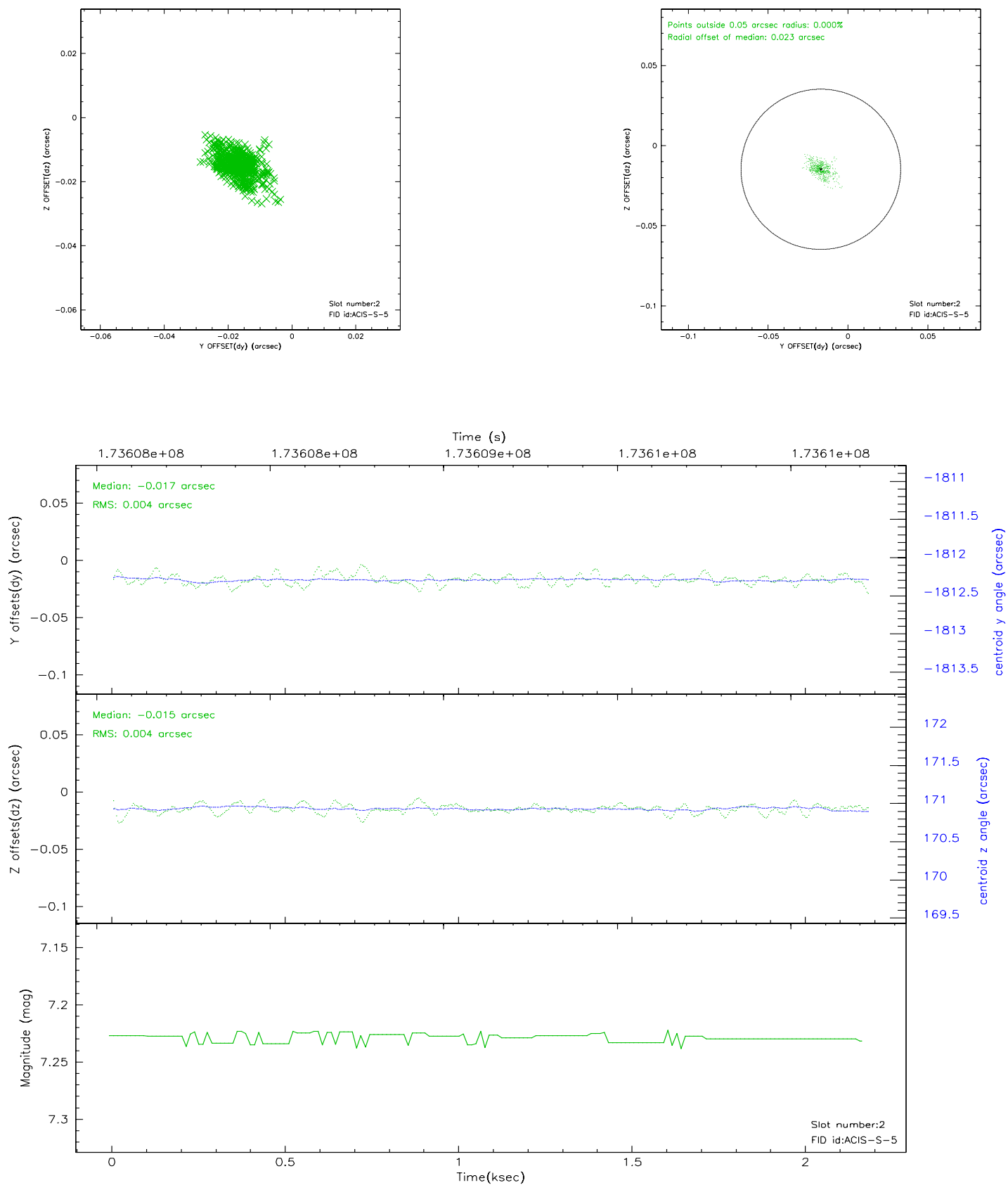
### 2.5.1 Slot 0



## 2.5.2 Slot 1

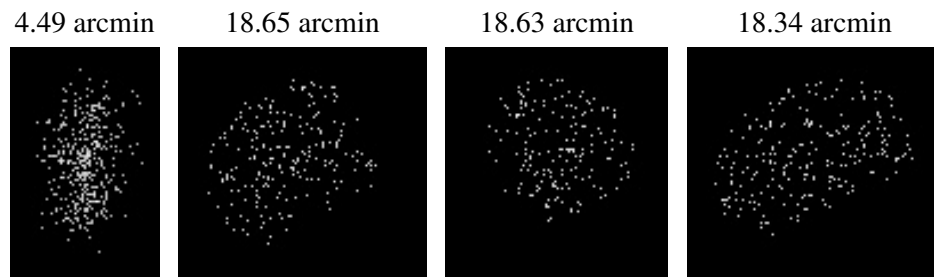


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.176

### A.2 Comments