

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 2146 - L2 Version 001  
Chandra X-Ray Center

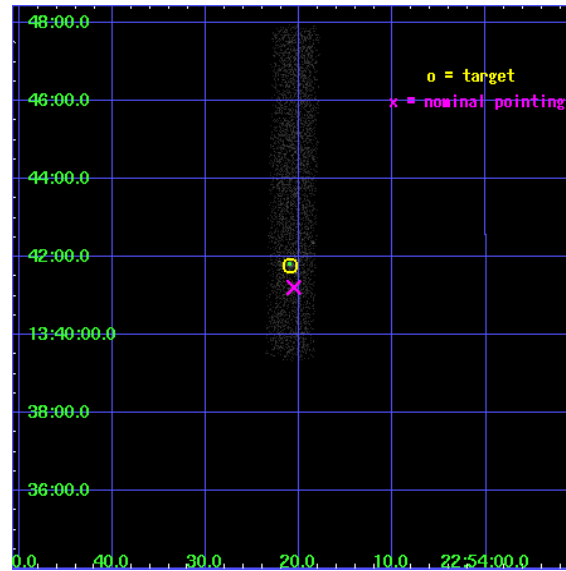
L2 Processing Date : Jun 12 2007

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# 1 Front

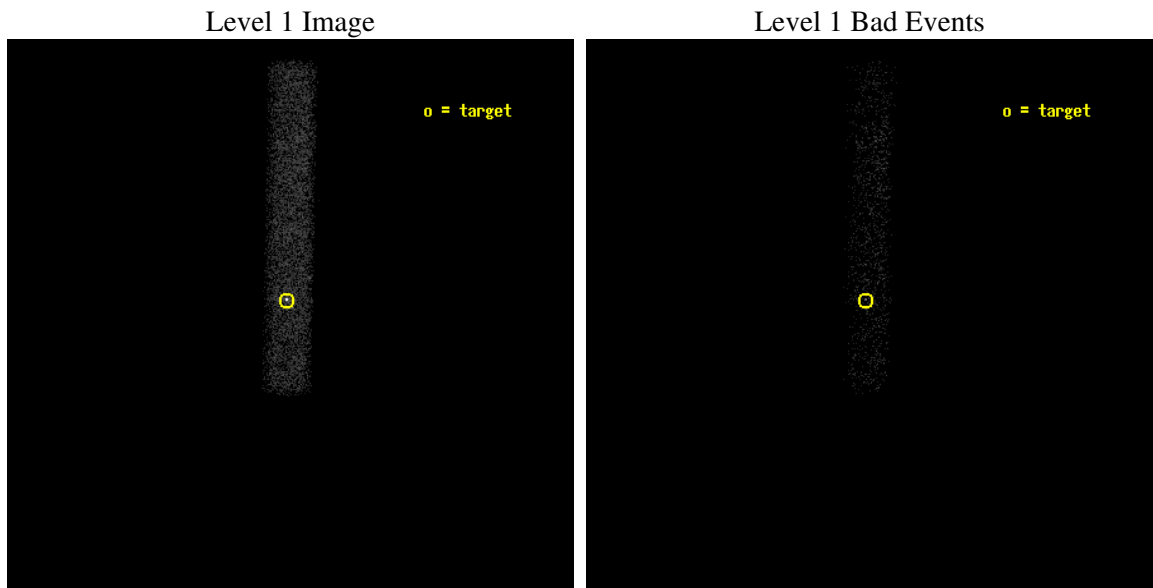
seq_num	700336
obs_id	2146
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr Rita Sambruna
object	2251+134
dtcycle	0
cycle	P
ra_targ	343.5875
dec_targ	13.696667
ra_nom	343.58586937866
dec_nom	13.686938974636
roll_nom	271.14458973335
revision	2
ontime	10128.000150919
livetime	9185.5615372021
ontime7	10128.000150919
l2events	6647



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-12T13:31:41
revision	2

sched_exp_time	10000.000000
ontime	10128.000150919
ontime7	10128.000150919
l1events	13855

### 2.1.4 Events

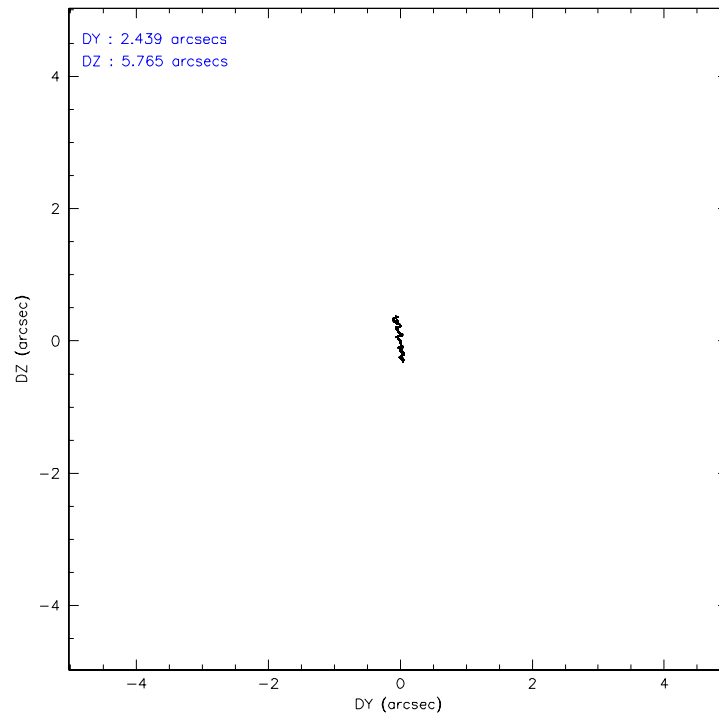
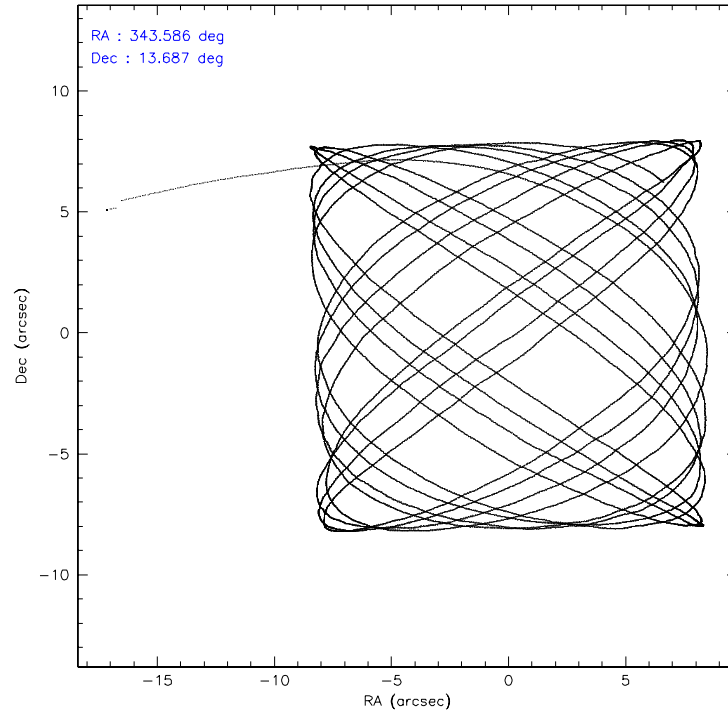
	<b>ccd 7</b>
level 1 events	13855
rejected events	6997
rejected %	50%

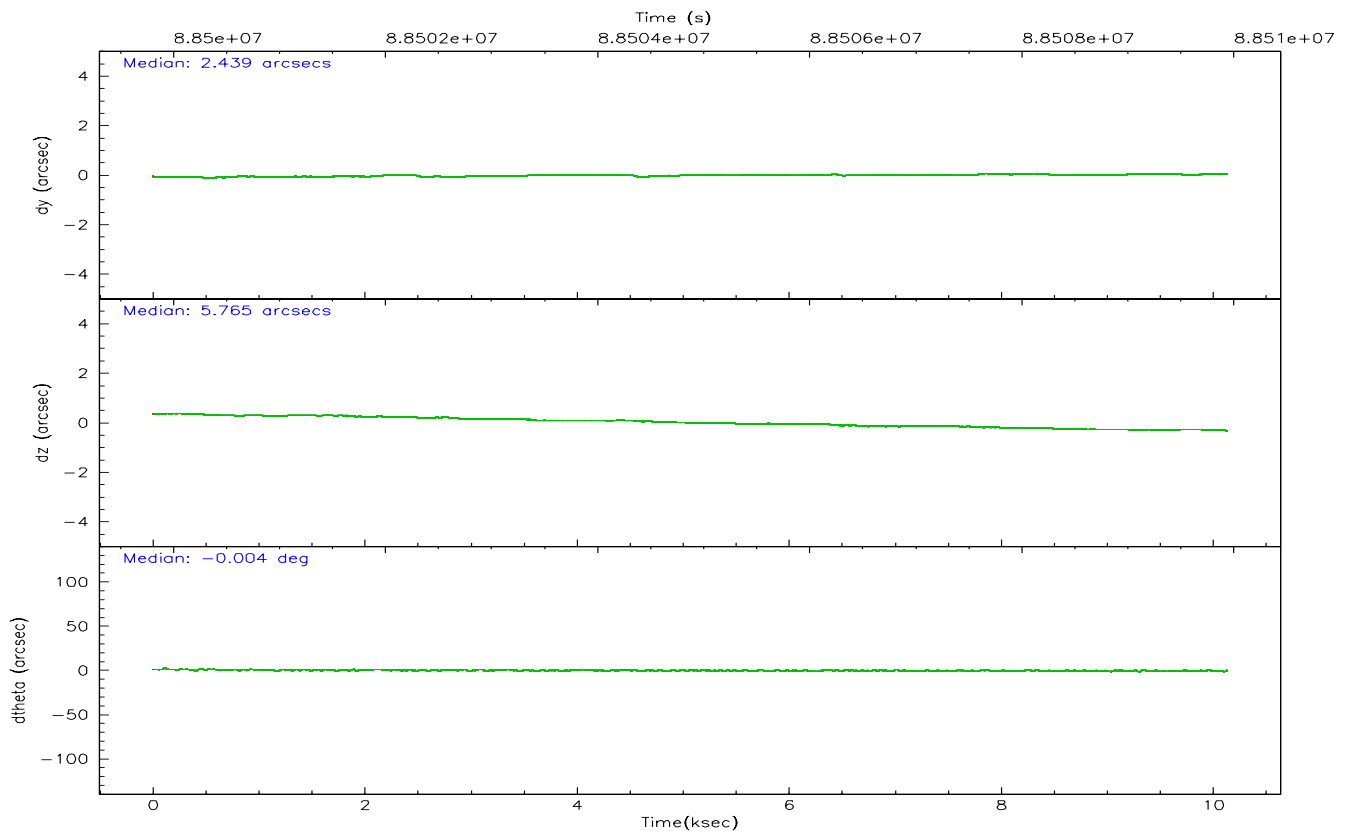
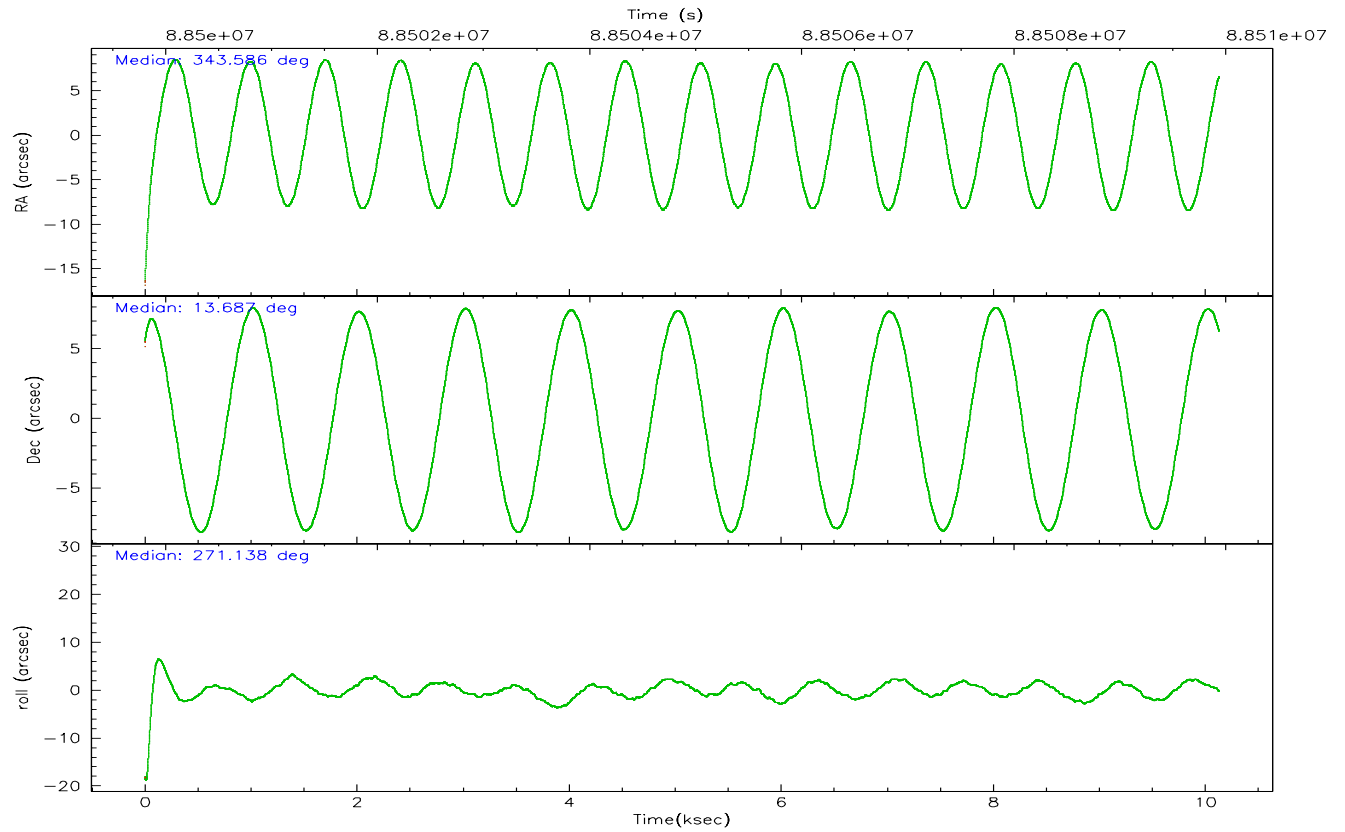
	<b>ccd 7</b>
grade 0 events	1192
	8%
grade 1 events	9
	0%
grade 2 events	1474
	10%
grade 3 events	961
	6%
grade 4 events	971
	7%
grade 5 events	1200
	8%
grade 6 events	2677
	19%
grade 7 events	5371
	38%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	343.571131	343.5858693786589	Subarray requested	1/8	1/8
Pointing Dec	13.710229	13.6869389746364	Subarray start row	0	449
Pointing Roll	270.991481	271.1445897333546	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	88499938.184000	88498819.765285			
Observation start date	2000-10-21T07:17:54	2000-10-21T07:00:19			
Observation end time	88509938.184000	88510442.753224			
Observation end date	2000-10-21T10:04:34	2000-10-21T10:14:02			
Read mode	TIMED	TIMED			

## 2.3 Aspect





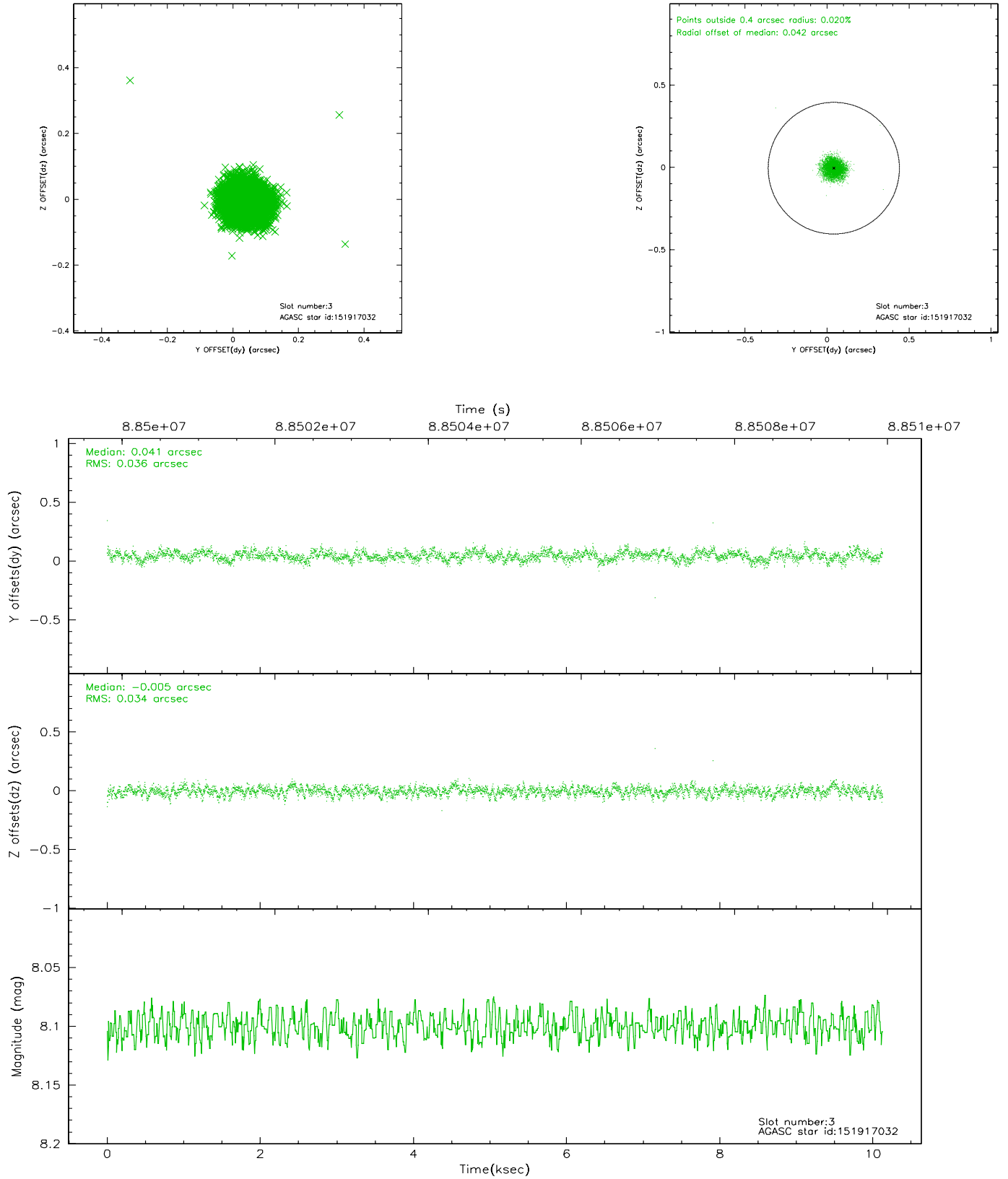
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	2471	-0.066	-0.024	0.016	0.024	0.000000	0.000000	58.06	-1855.95
1	FID	ACIS-S-5	7.24	2471	0.070	-0.040	0.008	0.012	0.000000	0.000000	-1808.00	174.50
2	FID	ACIS-S-6	7.35	2471	-0.026	0.075	0.012	0.018	0.000000	0.000000	405.98	819.14
3	GUIDE	151917032	8.10	4942	0.041	-0.005	0.052	0.083	343.534935	13.663022	168.10	-129.80
4	GUIDE	151916696	8.23	4941	-0.102	0.058	0.045	0.074	343.536899	14.352778	-2314.64	-79.85
5	GUIDE	151924024	8.89	4942	-0.001	0.045	0.091	0.136	344.070968	13.407063	1119.40	1731.17
6	GUIDE	151914440	8.91	4938	-0.032	-0.004	0.073	0.127	344.048046	13.906062	-677.30	1678.55
7	GUIDE	151922608	9.47	4939	0.096	-0.096	0.087	0.141	343.093682	13.288006	1489.72	-1698.72

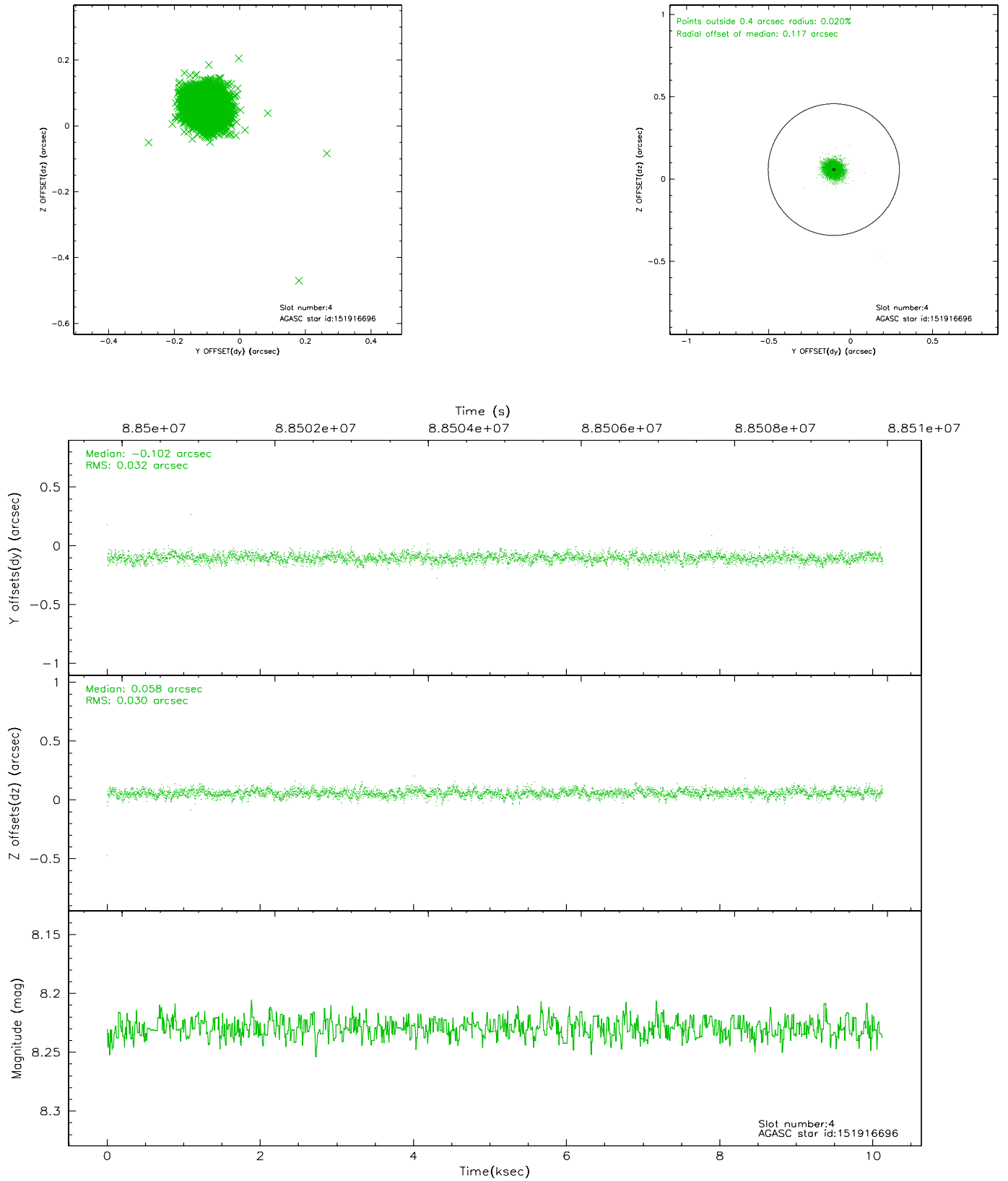


## 2.4 Star Slots

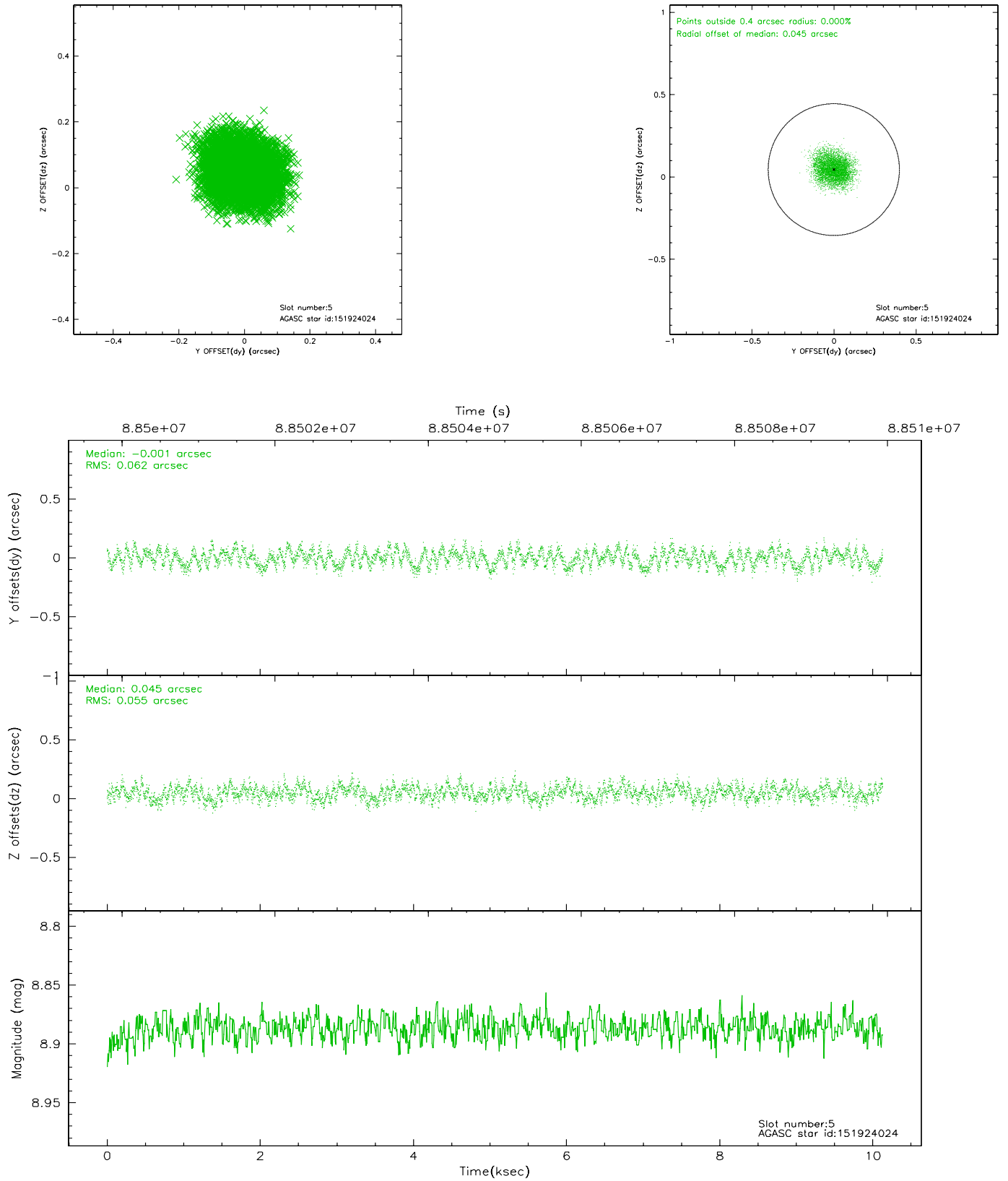
### 2.4.1 Slot 3



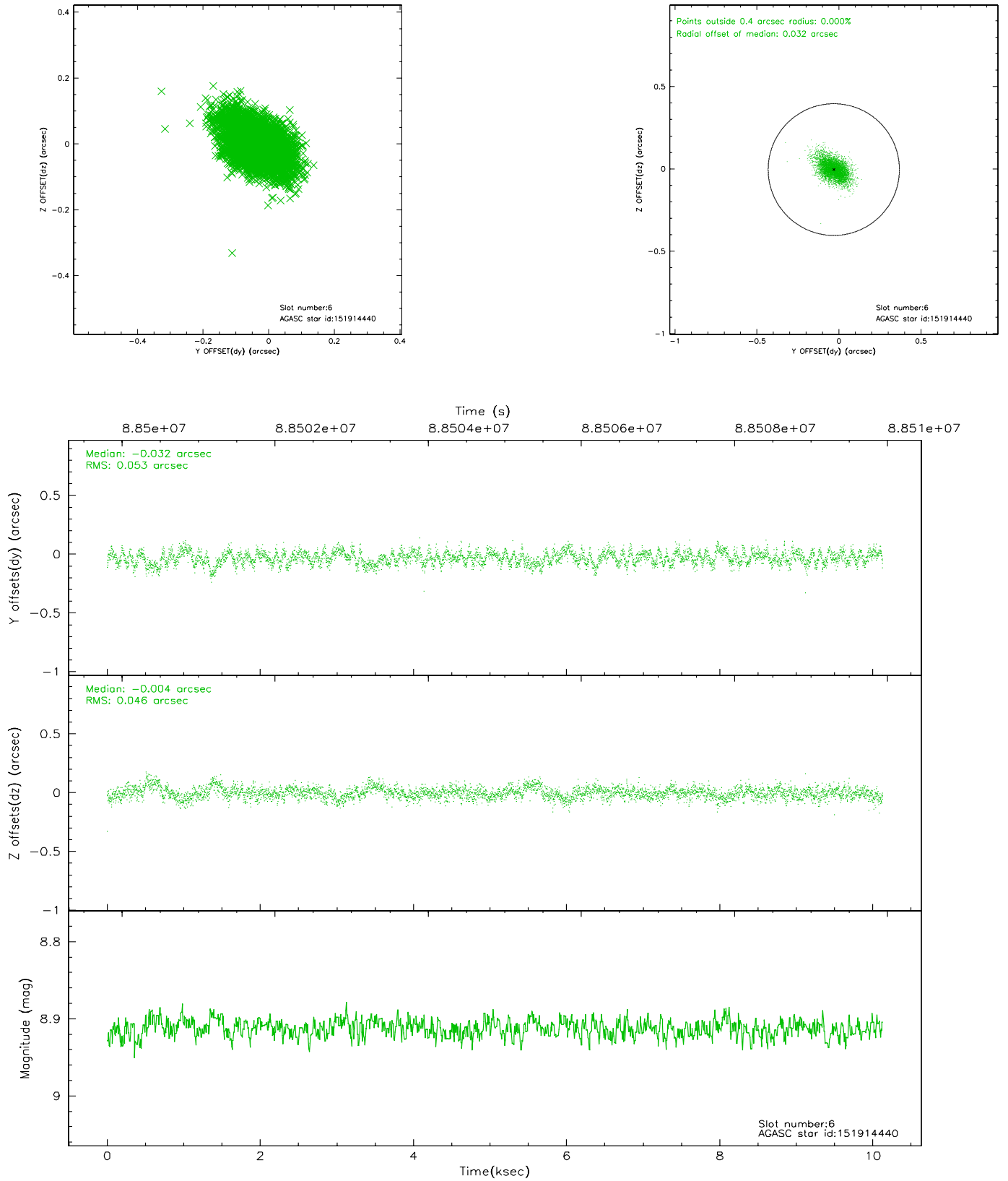
## 2.4.2 Slot 4



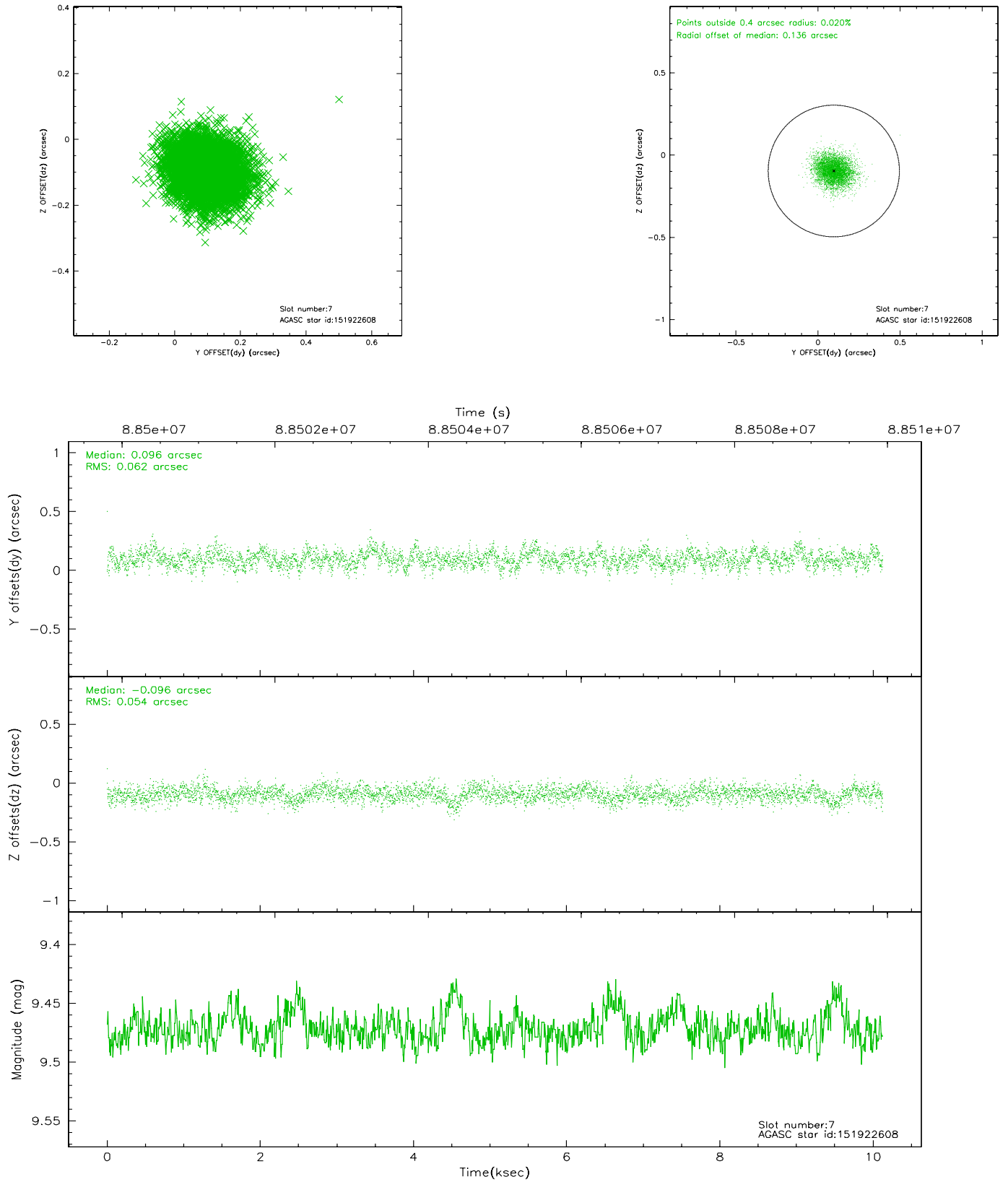
### 2.4.3 Slot 5



## 2.4.4 Slot 6

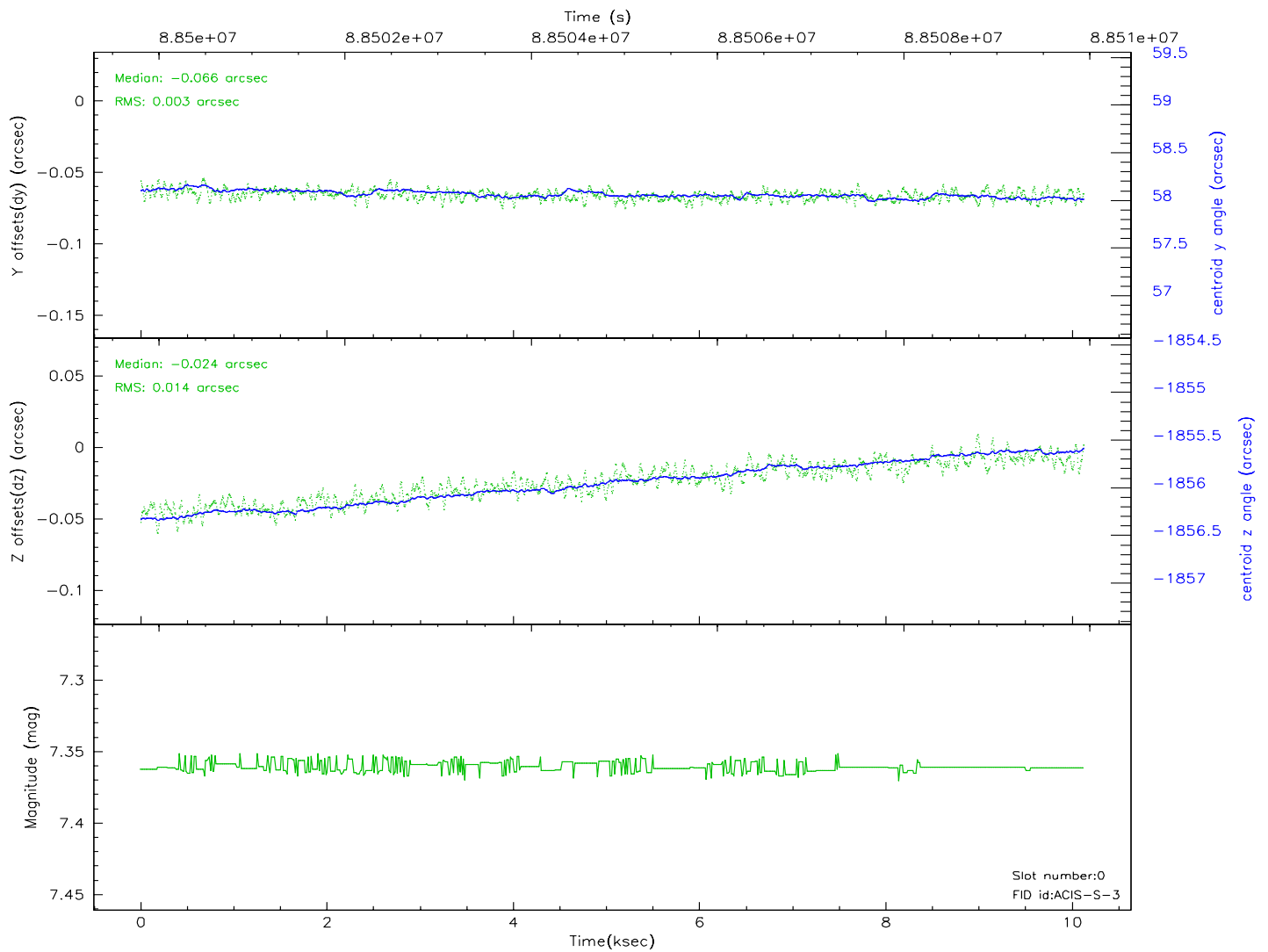
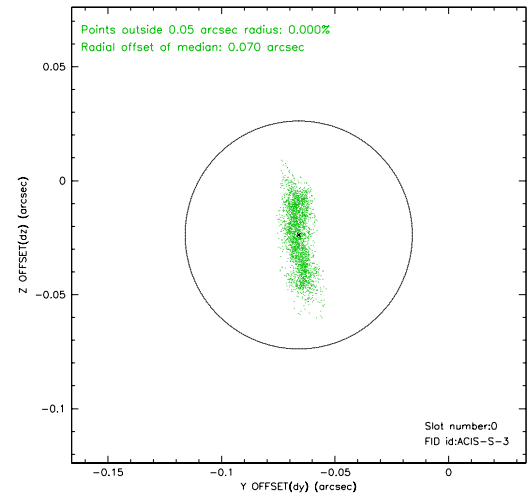
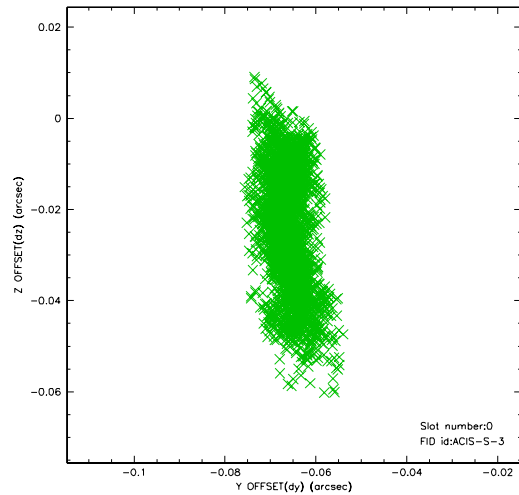


## 2.4.5 Slot 7

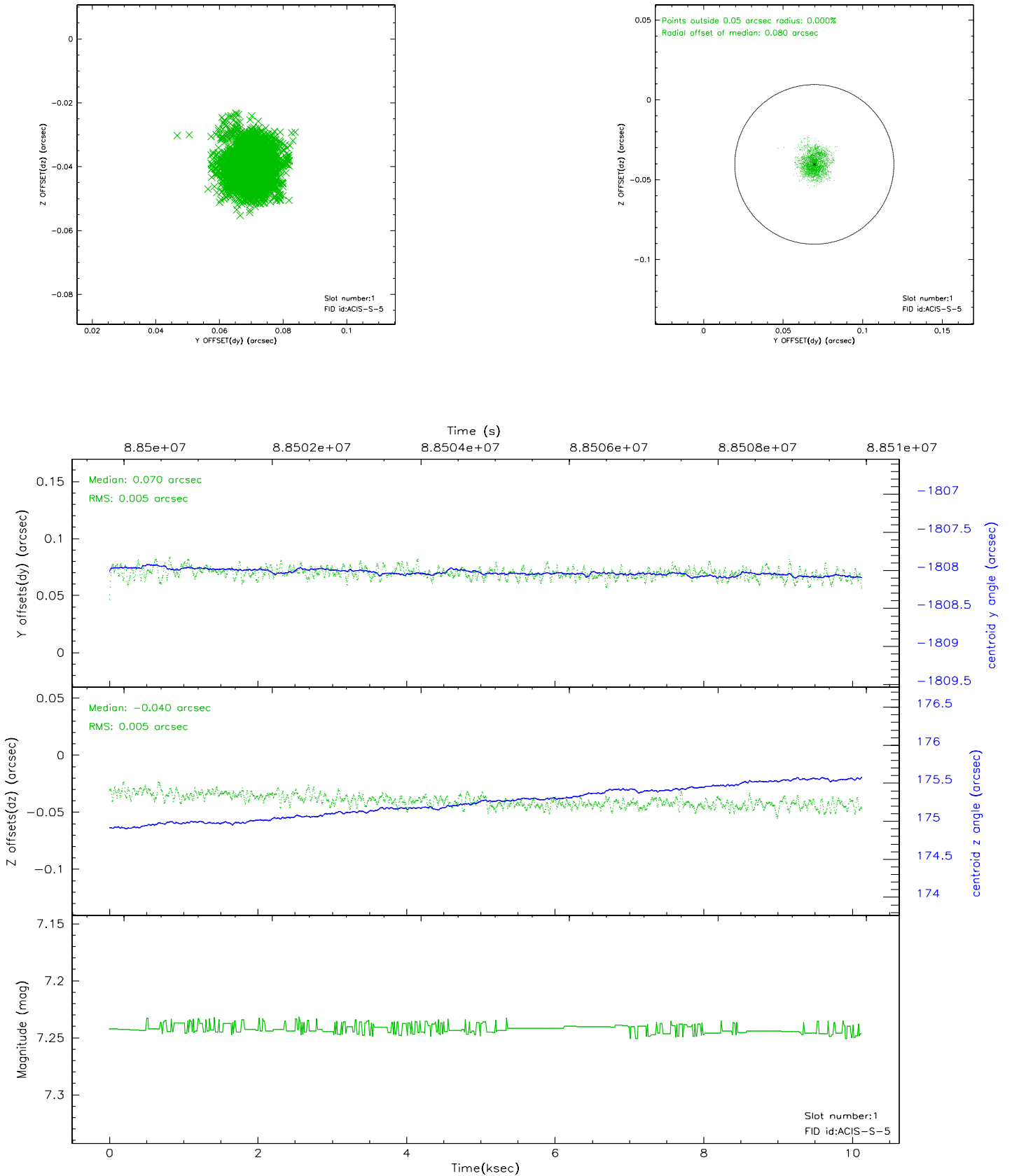


## 2.5 FID Slots

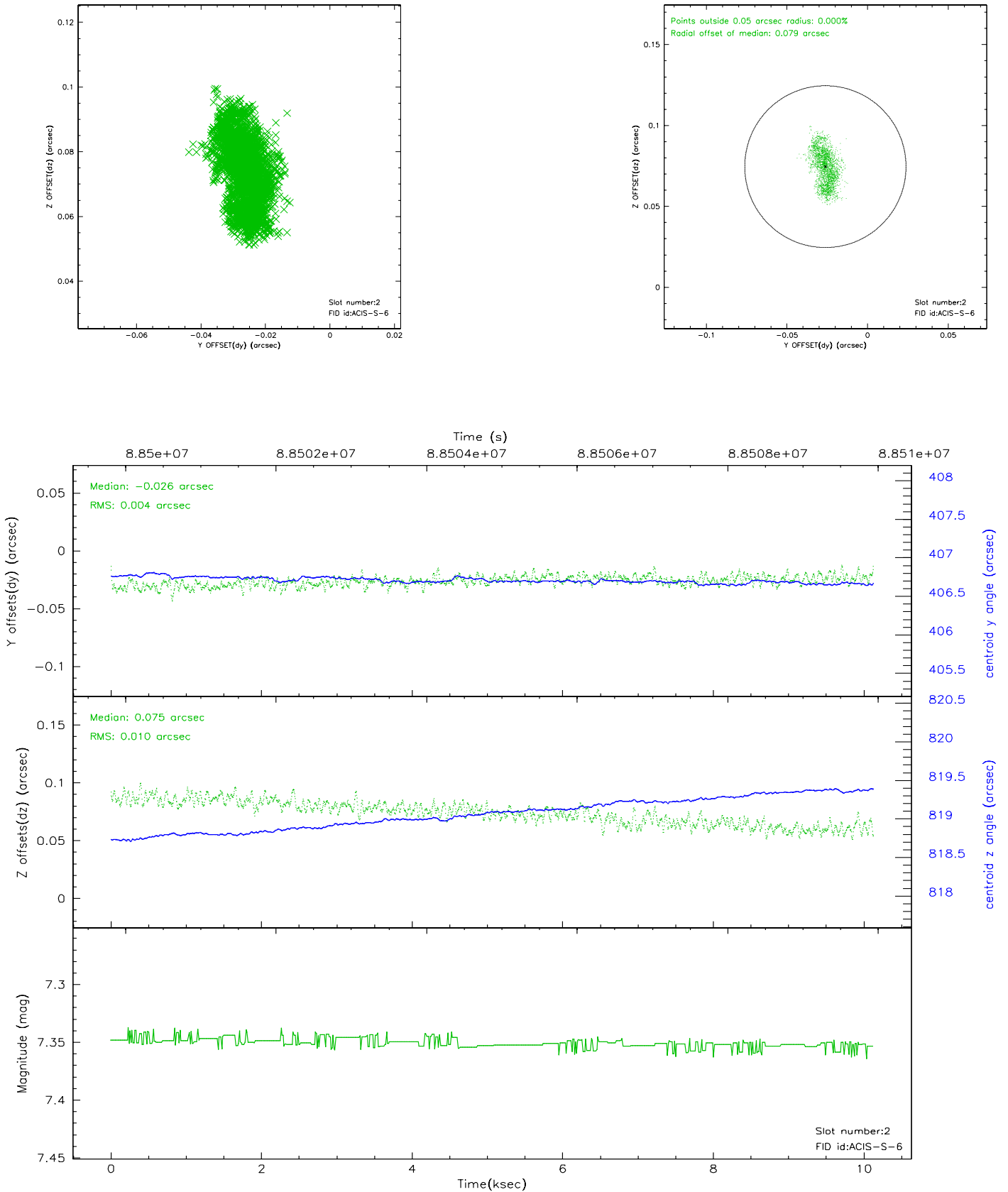
### 2.5.1 Slot 0



## 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)	2007.06.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.128

### A.2 Comments

Roll constraint met.