

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 4975 - L2 Version 001  
Chandra X-Ray Center

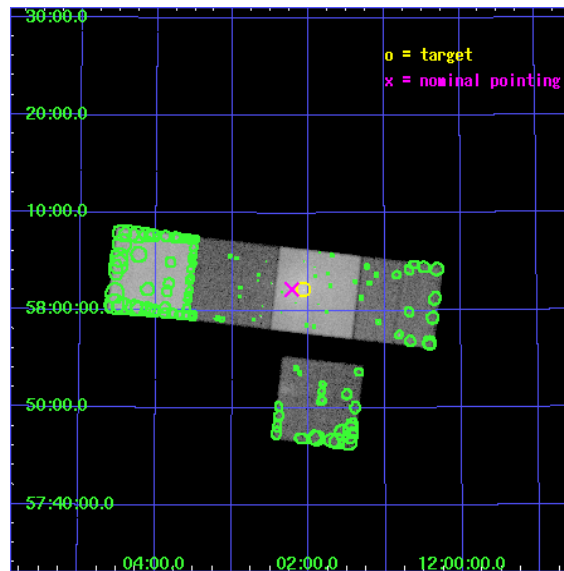
L2 Processing Date : Apr 16 2006

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# 1 Front

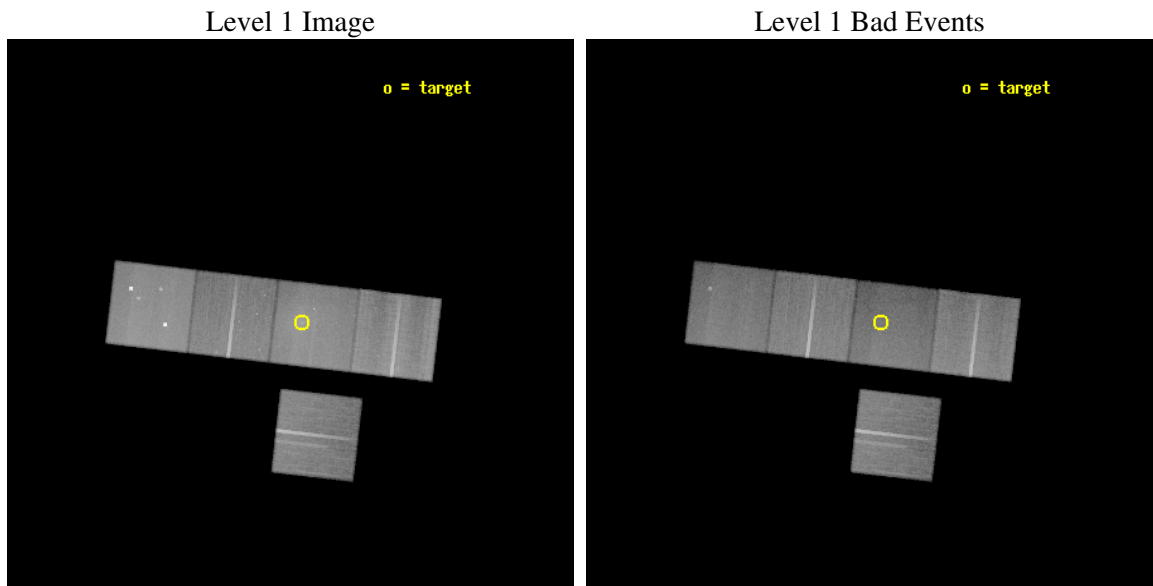
seq_num	800420
obs_id	4975
title	The Formation of Wide-Angle Tailed Radio Sources: Interaction Between the Radio Lobes and the Intracluster Medium
observer	Dr. Elizabeth Blanton
object	A1446
dtcycle	0
cycle	P
ra_targ	180.515833
dec_targ	58.035944
ra_nom	180.55497429203
dec_nom	58.036613955703
roll_nom	6.5952307614449
revision	2
ontime	59123.199886322
livetime	58350.711753941
ontime3	59120.058926076
ontime5	59123.199886322
ontime6	59104.353945345
ontime7	59123.199886322
ontime8	59123.199886322
l2events	549357



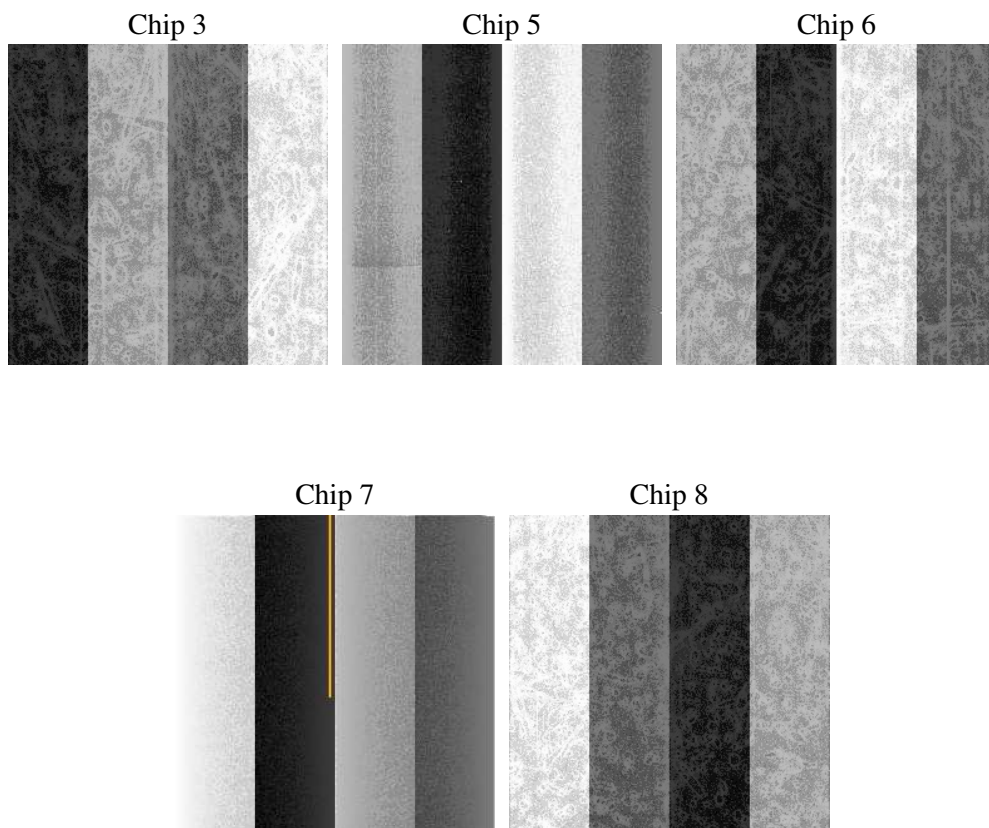
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-16T20:48:51
revision	2

sched_exp_time	59087.803000
ontime	59129.356562674
ontime3	59126.21558252
ontime5	59129.356562674
ontime6	59110.510601789
ontime7	59129.356562674
ontime8	59129.356542766
l1events	2217357

### 2.1.4 Events

	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	369169	524076	386723	458267	479122
rejected events	333176	265571	344621	242516	368170
rejected %	90%	50%	89%	52%	76%

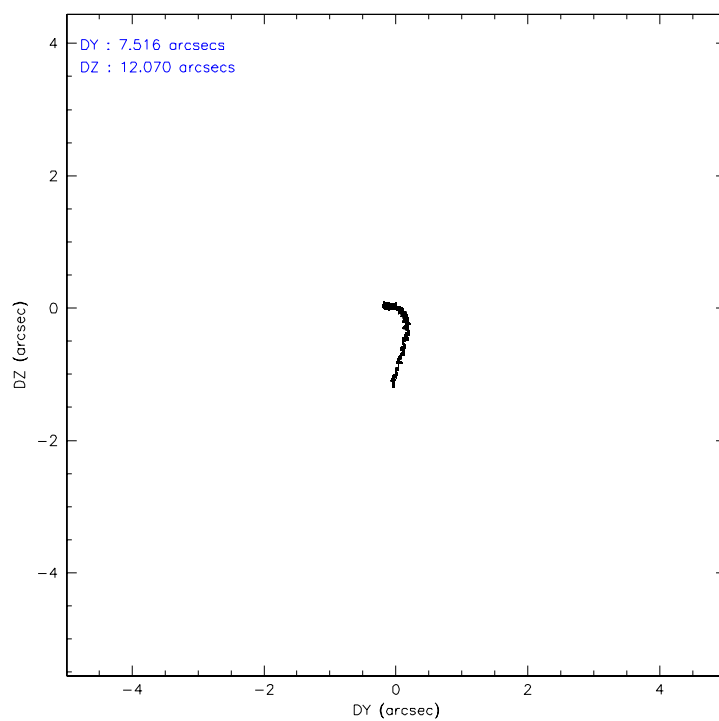
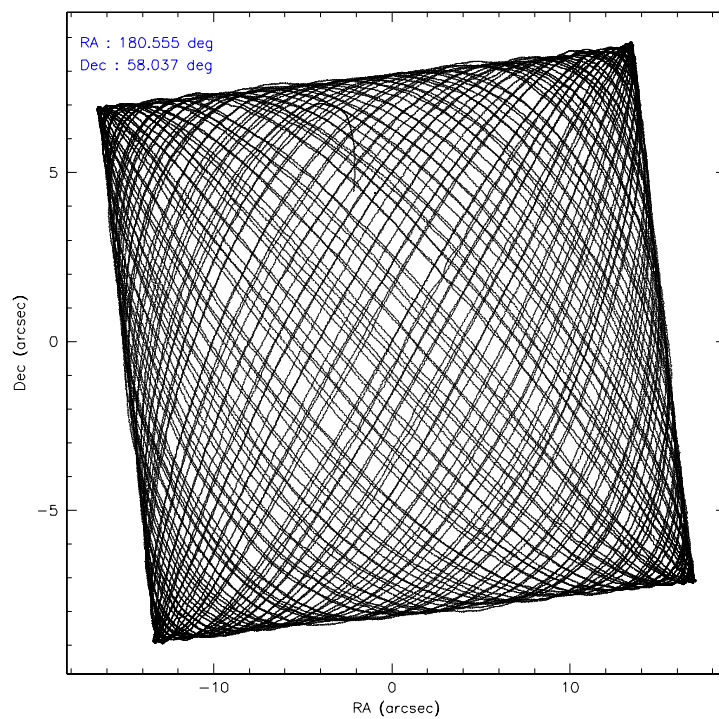
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	13514	31324	16252	22664	34399
	3%	5%	4%	4%	7%
grade 1 events	210	1306	178	238	344
	0%	0%	0%	0%	0%
grade 2 events	7406	78362	8745	54385	24429
	2%	14%	2%	11%	5%
grade 3 events	4148	6374	4481	14825	12067
	1%	1%	1%	3%	2%
grade 4 events	4088	6210	4467	14206	11208
	1%	1%	1%	3%	2%
grade 5 events	14345	27447	14868	31659	21375
	3%	5%	3%	6%	4%
grade 6 events	6843	136268	8159	109692	28877
	1%	26%	2%	23%	6%
grade 7 events	318615	236785	329573	210598	346423
	86%	45%	85%	45%	72%

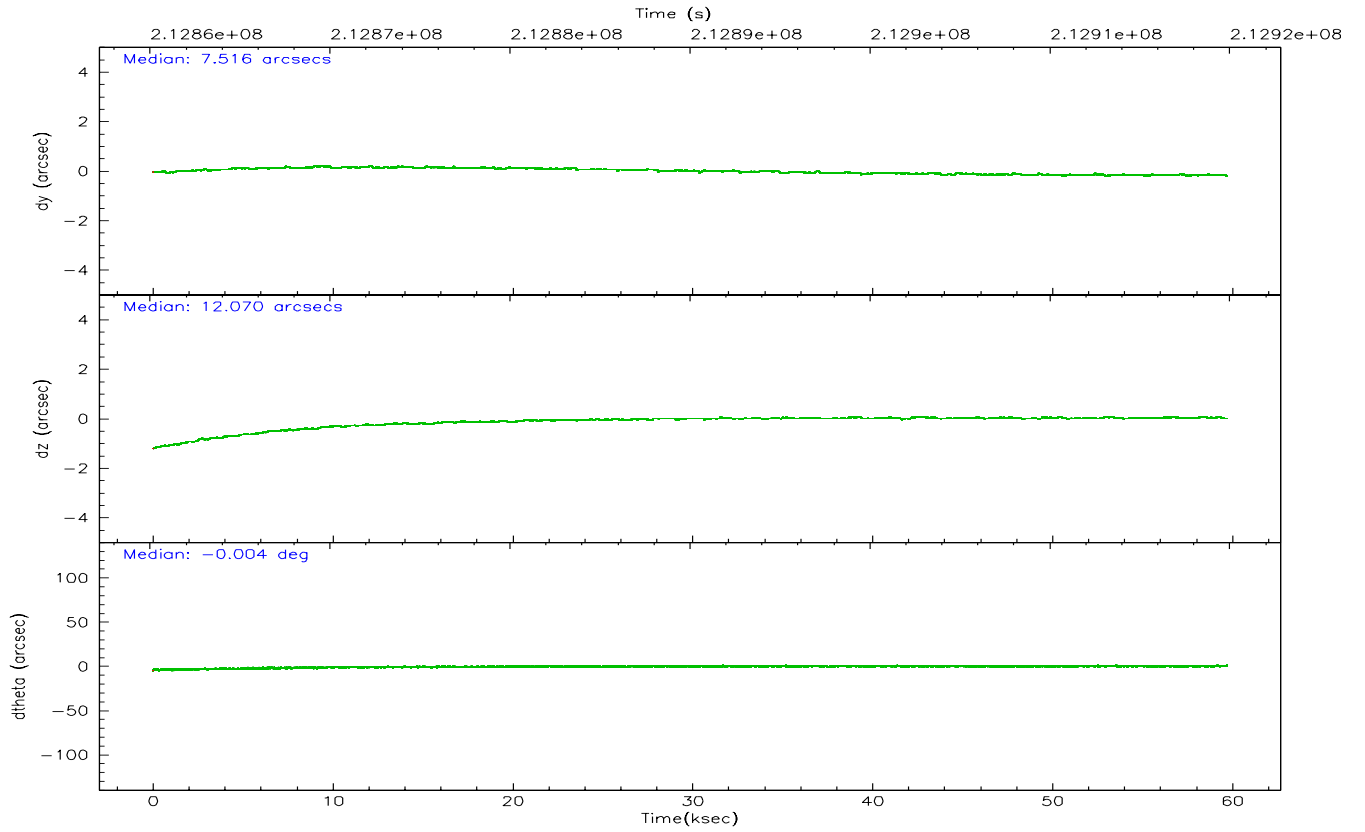
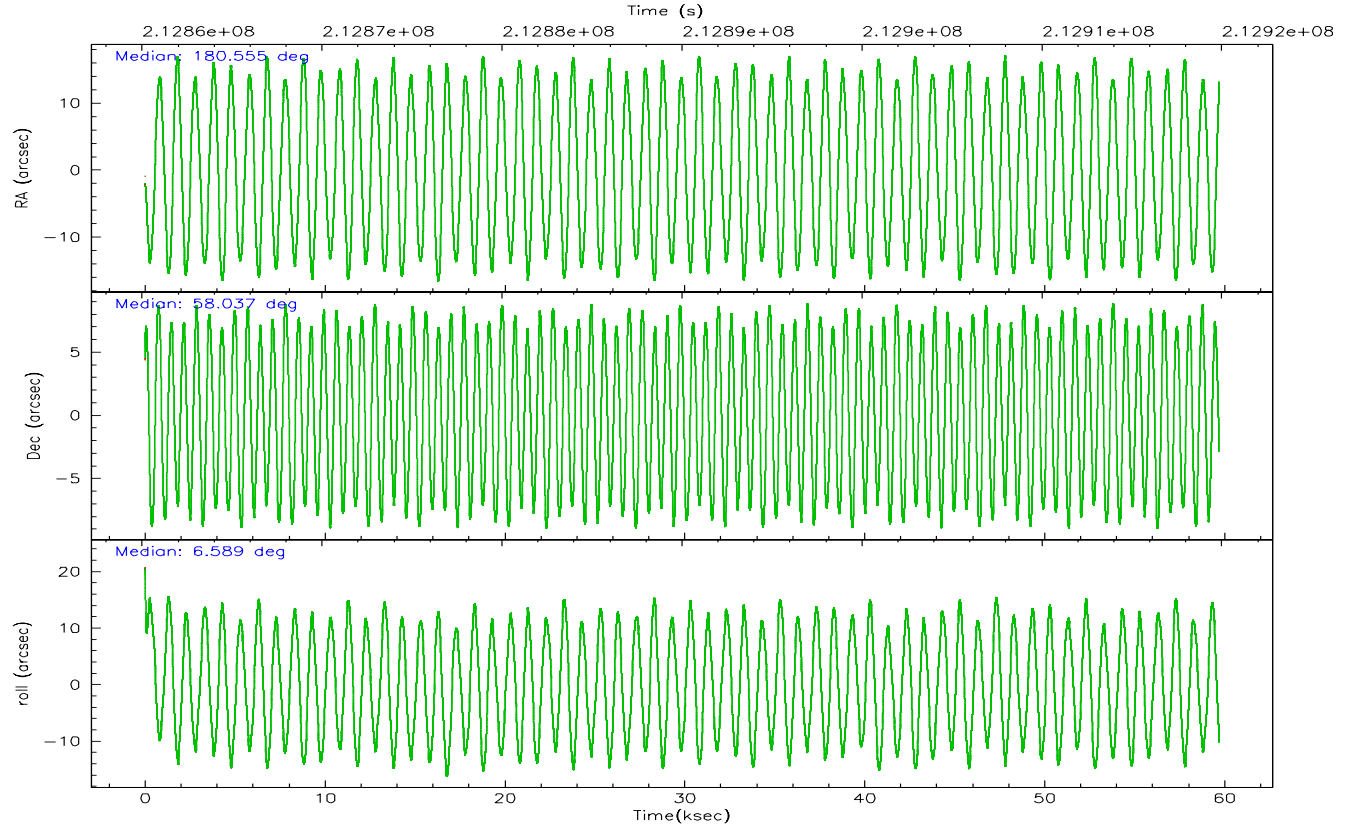


## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	180.514167	180.5549742920296	Alternating exposures requested	N	N
Pointing Dec	58.020081	58.03661395570298	Primary exposure time	0.000000	3.1
Pointing Roll	6.473221	6.595230761444862			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	212860776.184000	212859630.28758			
Observation start date	2004-09-29T15:58:32	2004-09-29T15:40:30			
Observation end time	212919864.184000	212920087.86528			
Observation end date	2004-09-30T08:23:20	2004-09-30T08:28:07			
Read mode	TIMED	TIMED			

## 2.3 Aspect



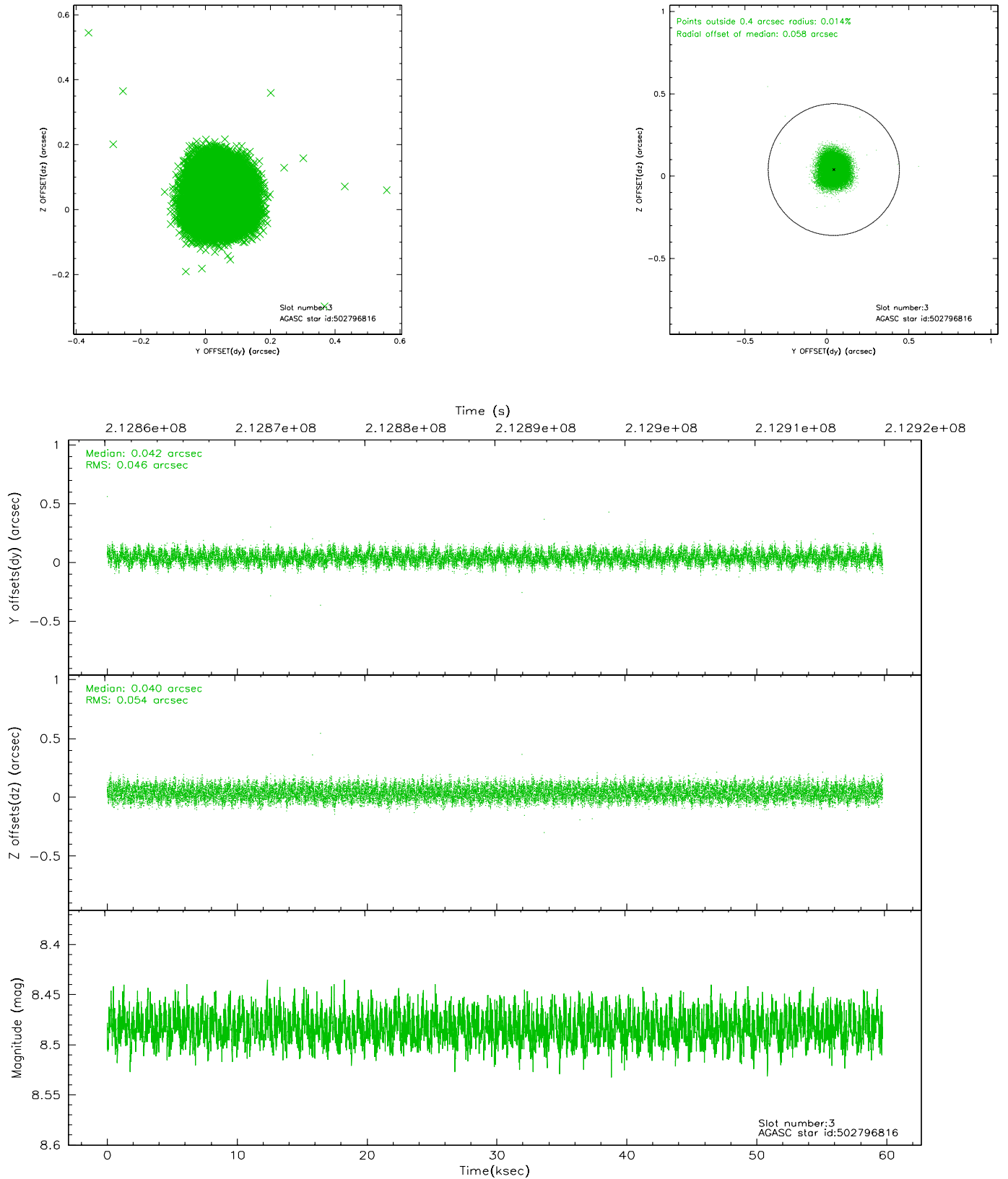


### Slot Statistics

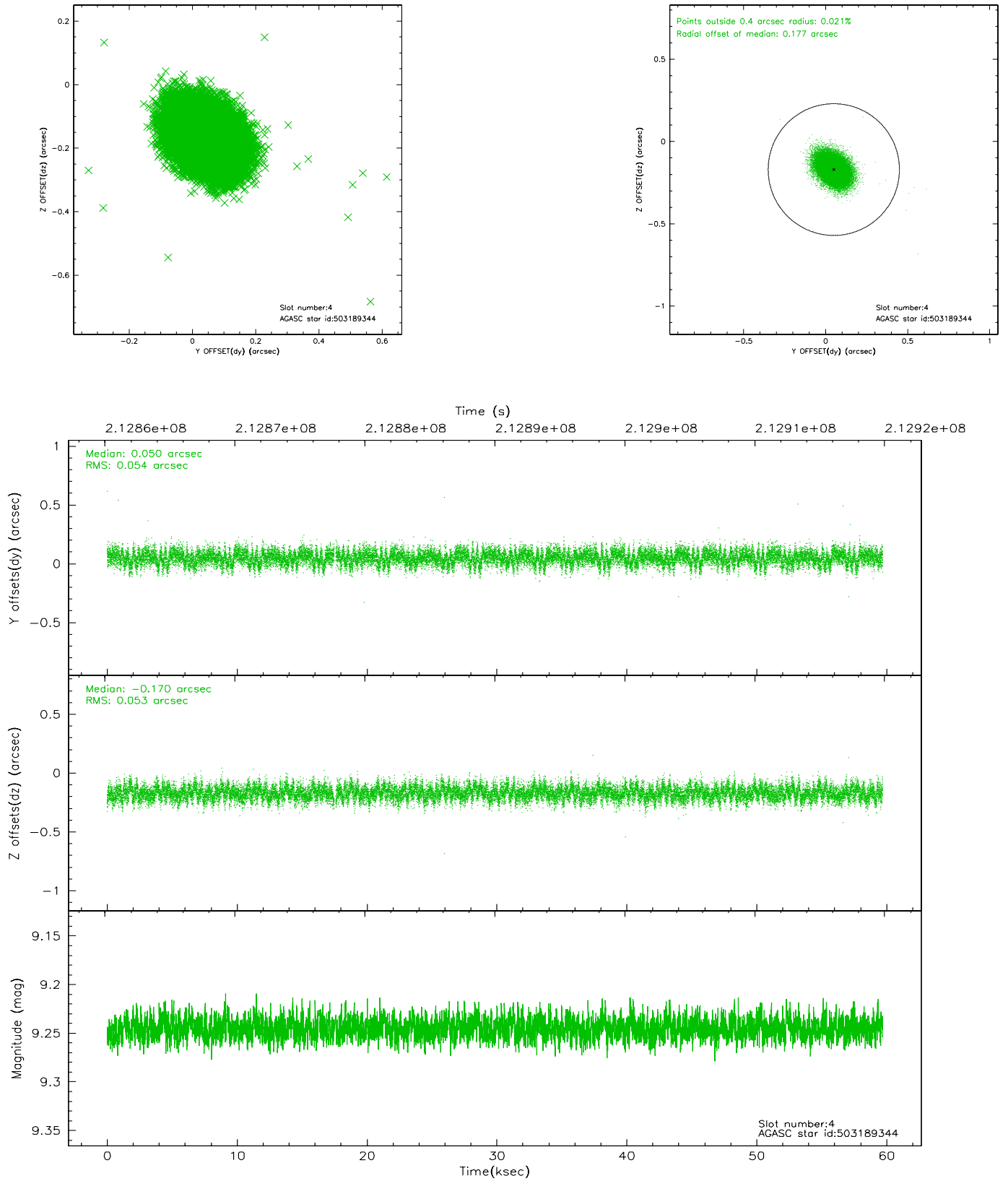
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	14564	-0.006	0.001	0.009	0.023	0.000000	0.000000	-760.28	-1733.18
1	FID	ACIS-S-4	7.20	14562	0.025	0.003	0.014	0.029	0.000000	0.000000	2153.04	175.35
2	FID	ACIS-S-5	7.23	14563	-0.051	0.005	0.010	0.017	0.000000	0.000000	-1813.23	168.97
3	GUIDE	502796816	8.48	29117	0.042	0.040	0.077	0.117	180.073256	57.474716	-1068.85	-1851.83
4	GUIDE	503189344	9.25	29038	0.050	-0.170	0.080	0.132	181.212469	58.115210	1359.07	197.07
5	GUIDE	503189696	9.40	29037	-0.112	-0.067	0.085	0.139	181.462277	58.579031	1996.38	1811.47
6	GUIDE	503191072	7.53	29124	-0.075	0.117	0.067	0.106	181.684877	57.600556	2076.00	-1735.42
7	GUIDE	503191544	9.15	29107	0.098	0.081	0.077	0.126	180.475409	57.943450	-104.10	-265.67

## 2.4 Star Slots

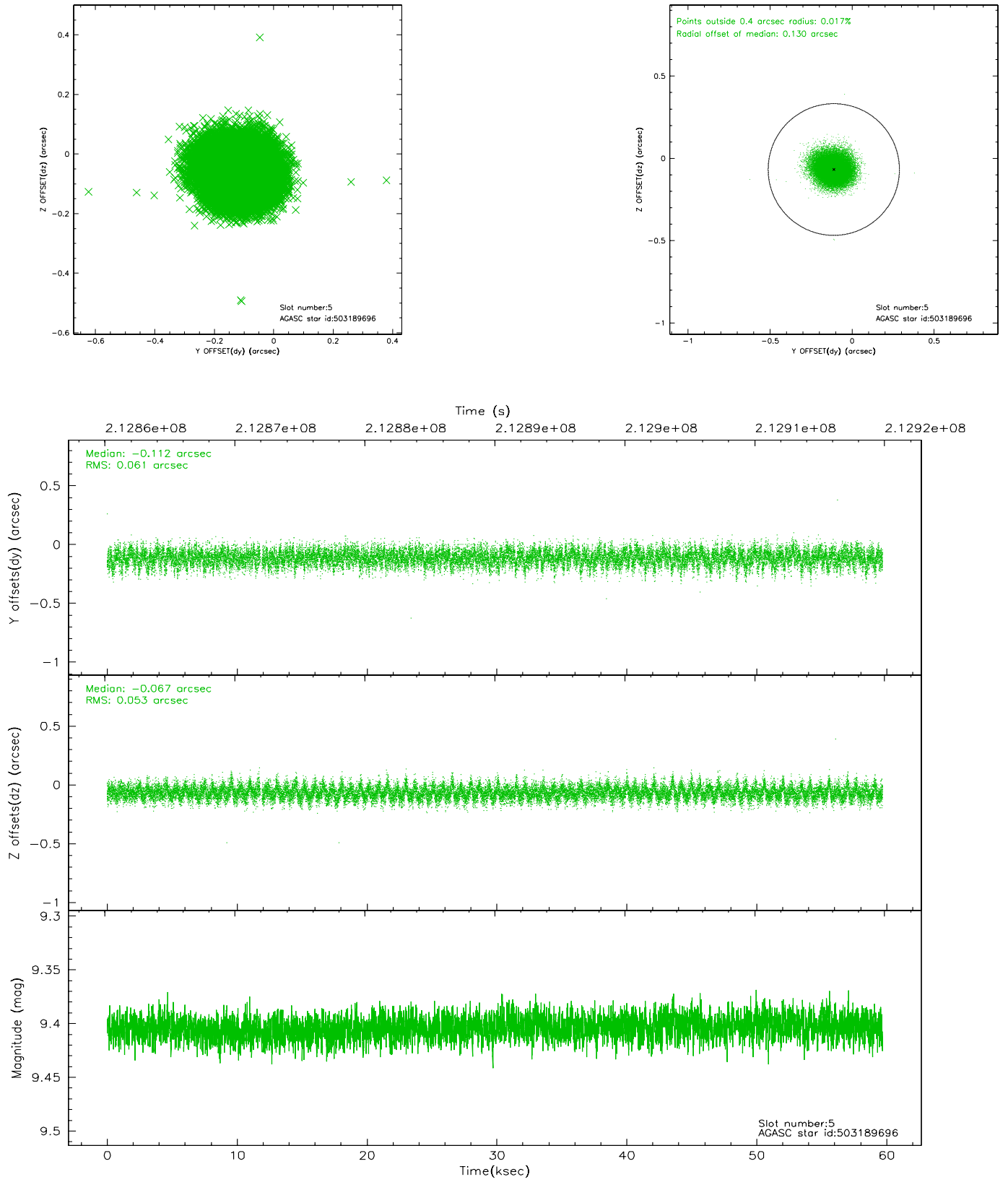
### 2.4.1 Slot 3



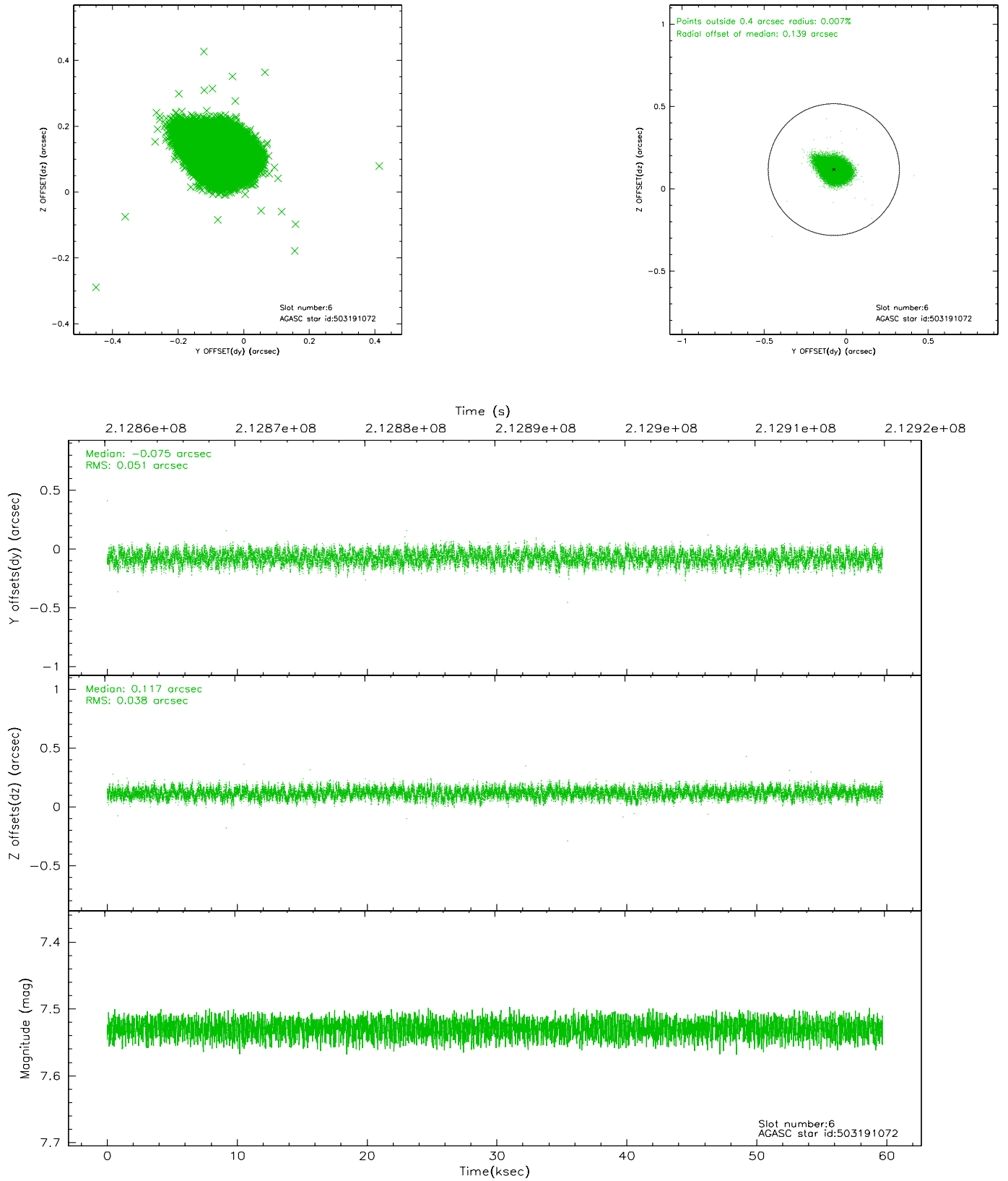
## 2.4.2 Slot 4



### 2.4.3 Slot 5

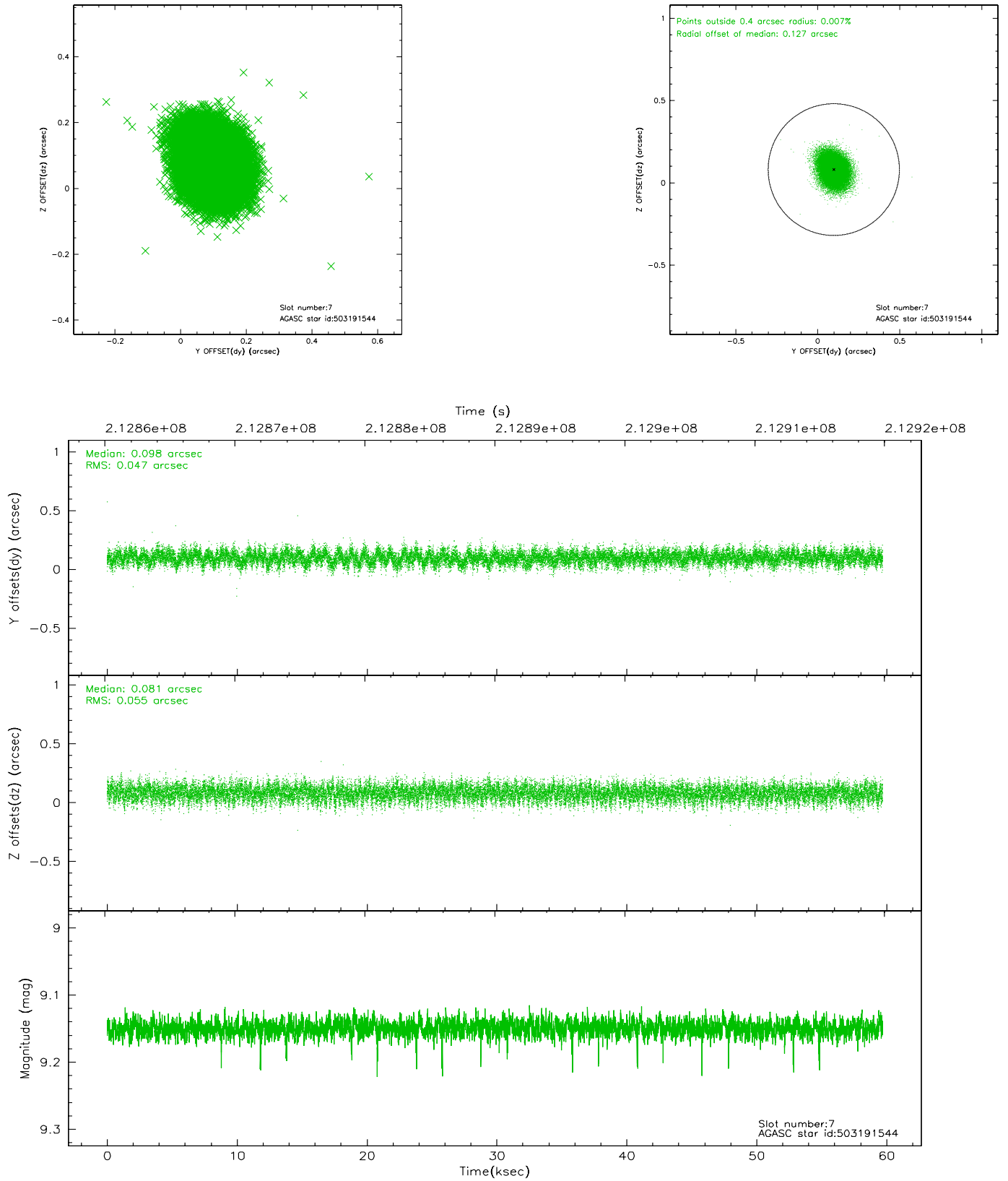


## 2.4.4 Slot 6



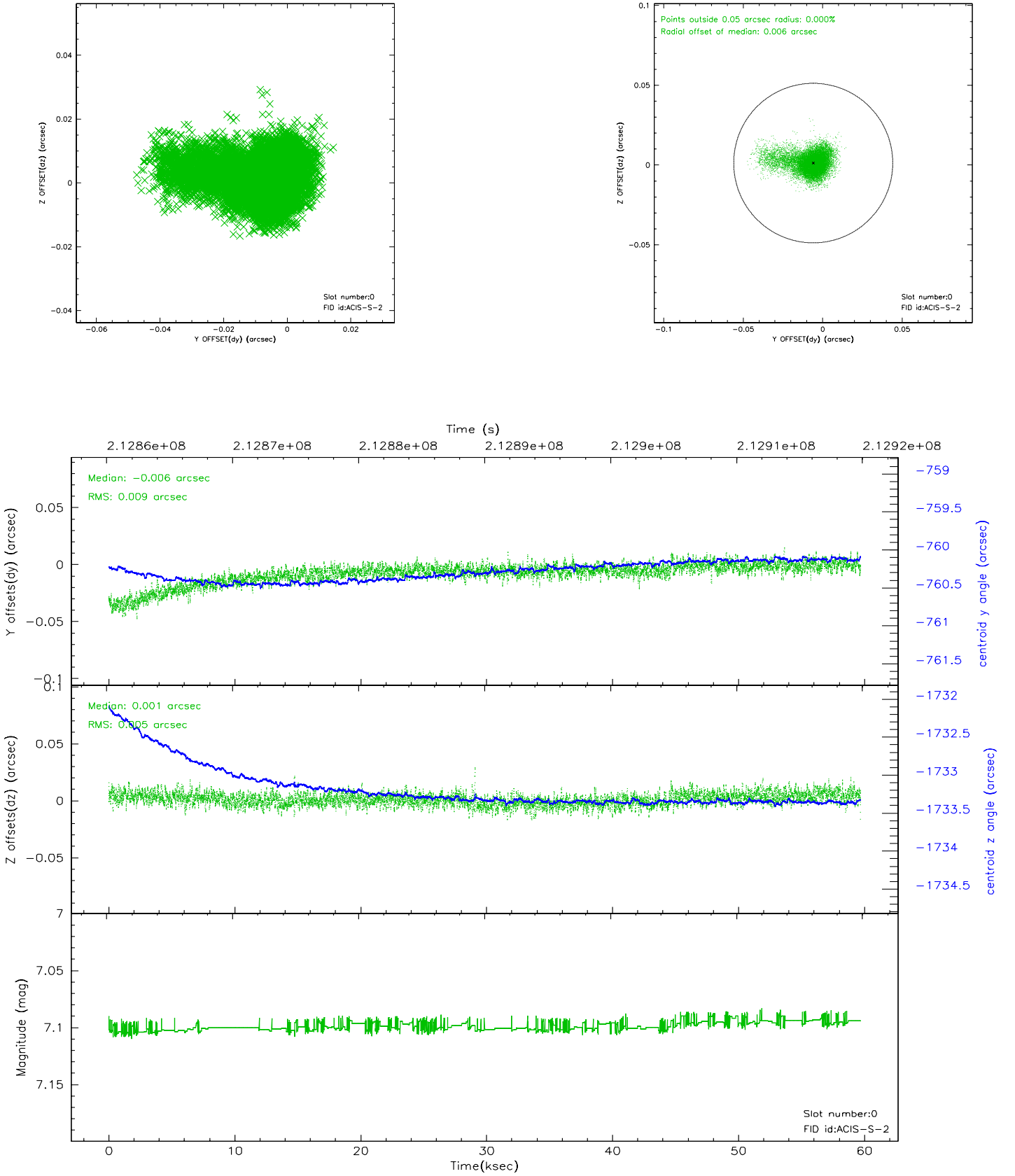


## 2.4.5 Slot 7

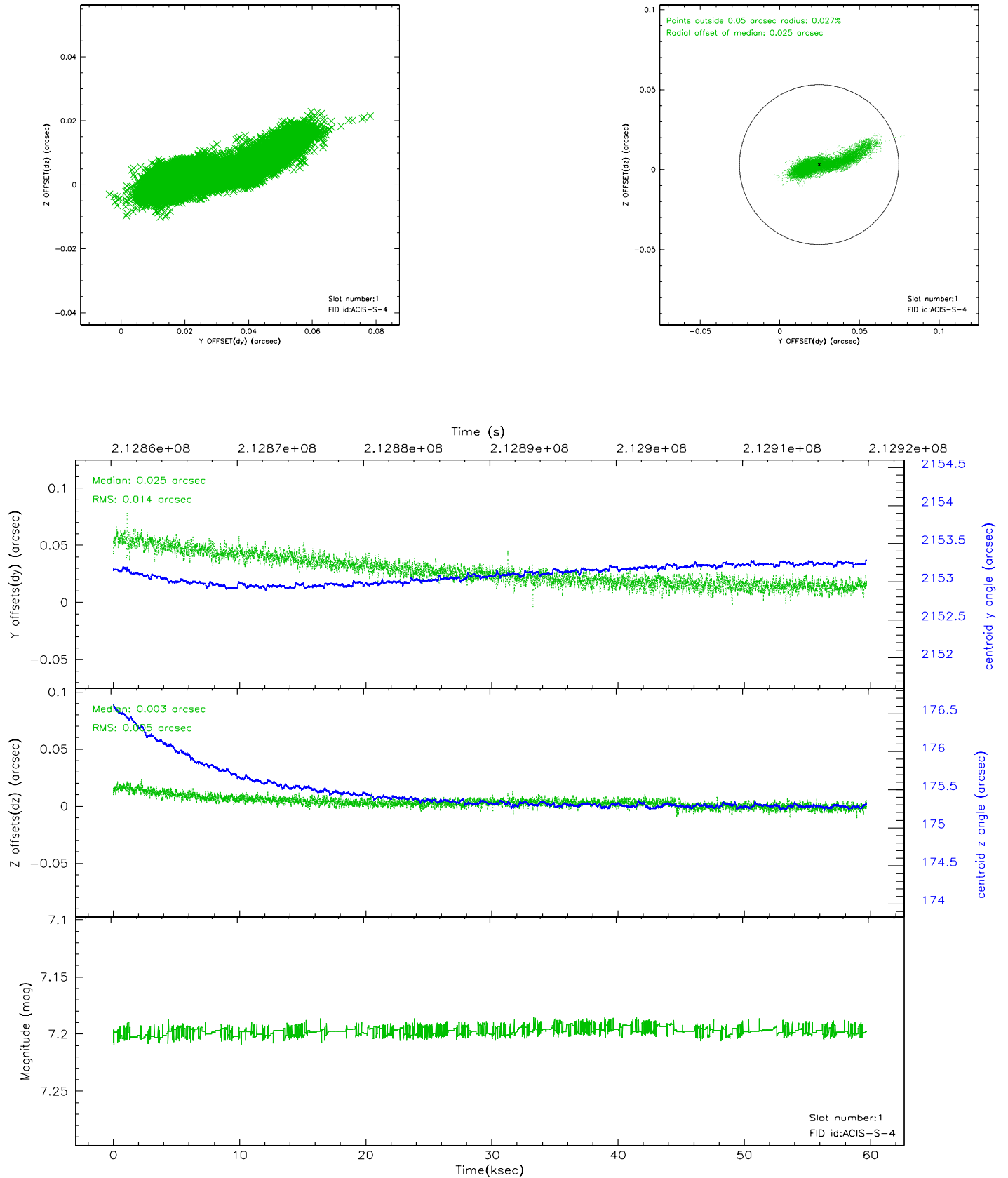


## 2.5 FID Slots

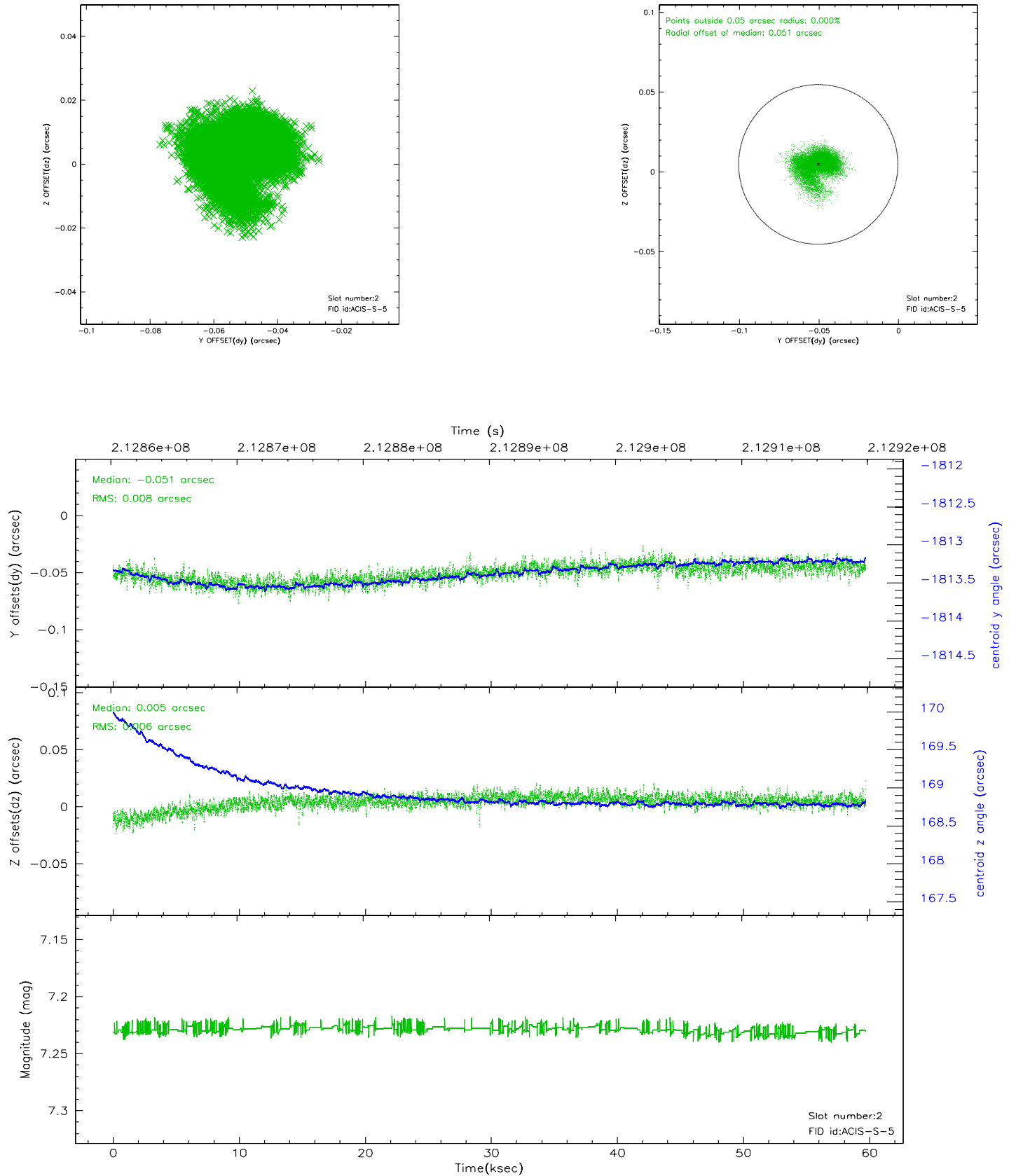
### 2.5.1 Slot 0



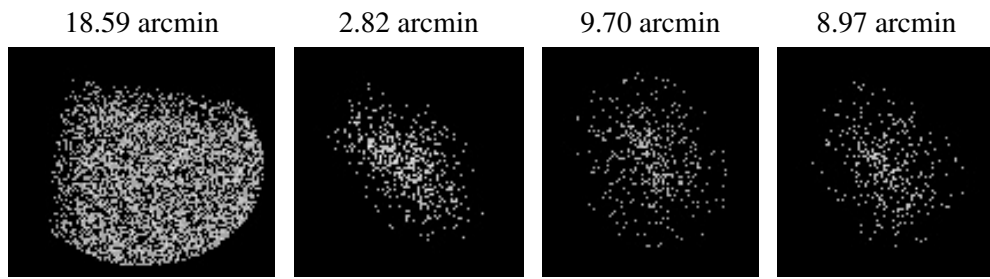
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.123

### A.2 Comments