

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 4380 - L2 Version 001  
Chandra X-Ray Center

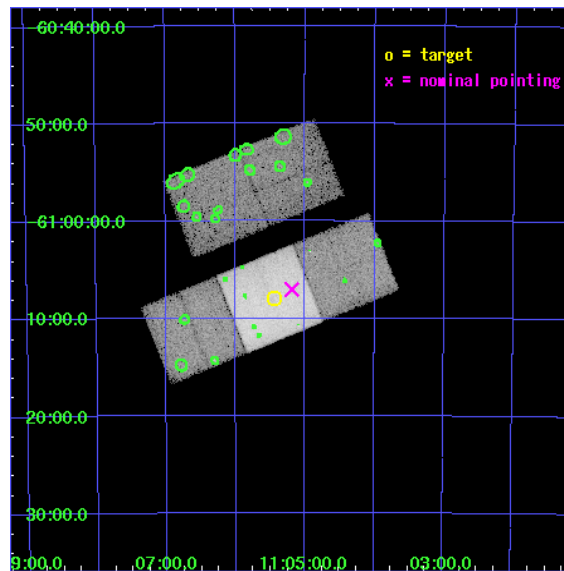
L2 Processing Date : Oct 5 2006

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# 1 Front

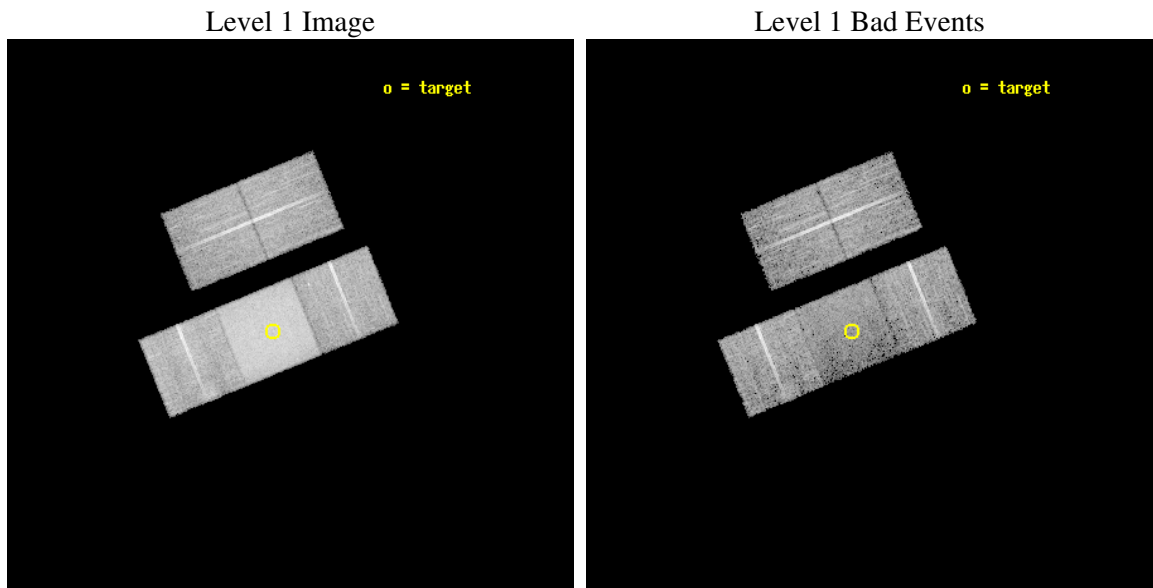
seq_num	500230
obs_id	4380
title	WHERE ARE THE SUPERNOVA REMNANTS AROUND YOUNG PULSARS?
observer	Professor Bryan Gaensler
object	PSR J1105-6107
dtcycle	0
cycle	P
ra_targ	166.359167
dec_targ	-61.131306
ra_nom	166.2971630225
dec_nom	-61.117179071408
roll_nom	157.76983977631
revision	2
ontime	11888.499977142
livetime	11733.167972754
ontime2	11875.936136246
ontime3	11882.218026787
ontime6	11885.359006912
ontime7	11888.499977142
ontime8	11882.218006879
l2events	192403



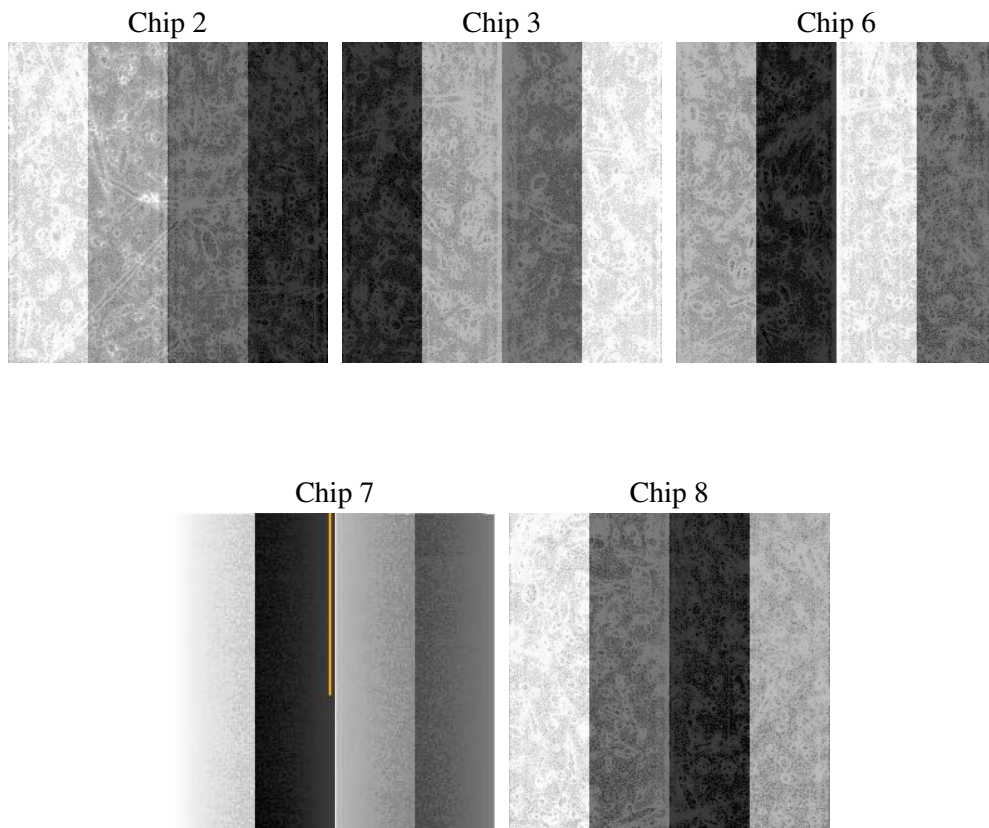
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-05T16:19:09
revision	2

sched_exp_time	11781.538000
ontime	11891.829812616
ontime2	11879.26597172
ontime3	11885.547862262
ontime6	11888.688842386
ontime7	11891.829812616
ontime8	11885.547842354
l1events	468418

### 2.1.4 Events

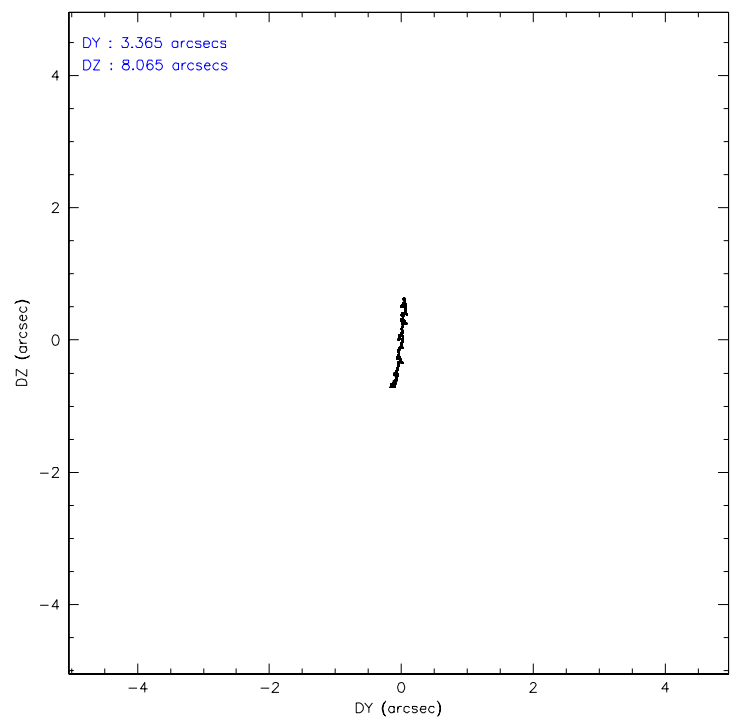
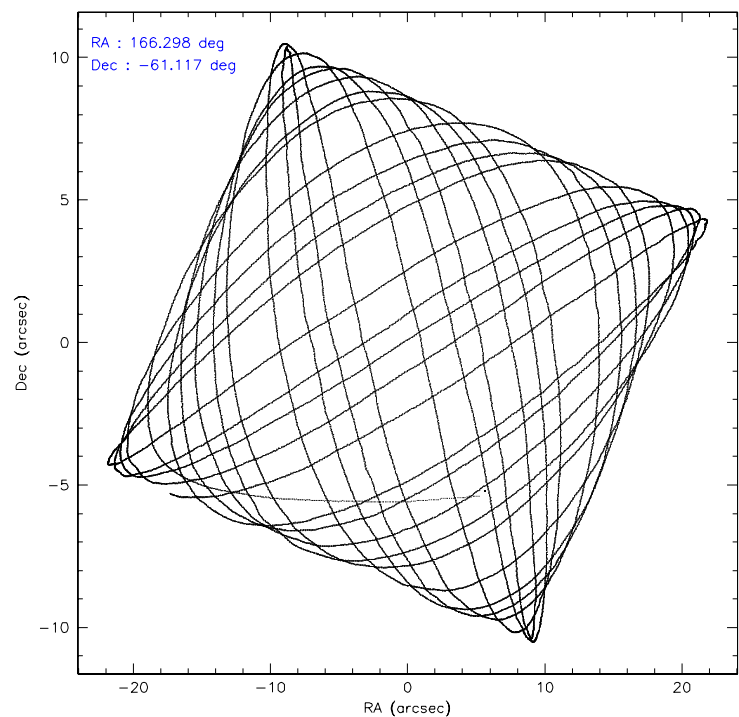
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	73967	68947	82441	150450	92613
rejected events	56228	51525	55501	37199	56570
rejected %	76%	74%	67%	24%	61%

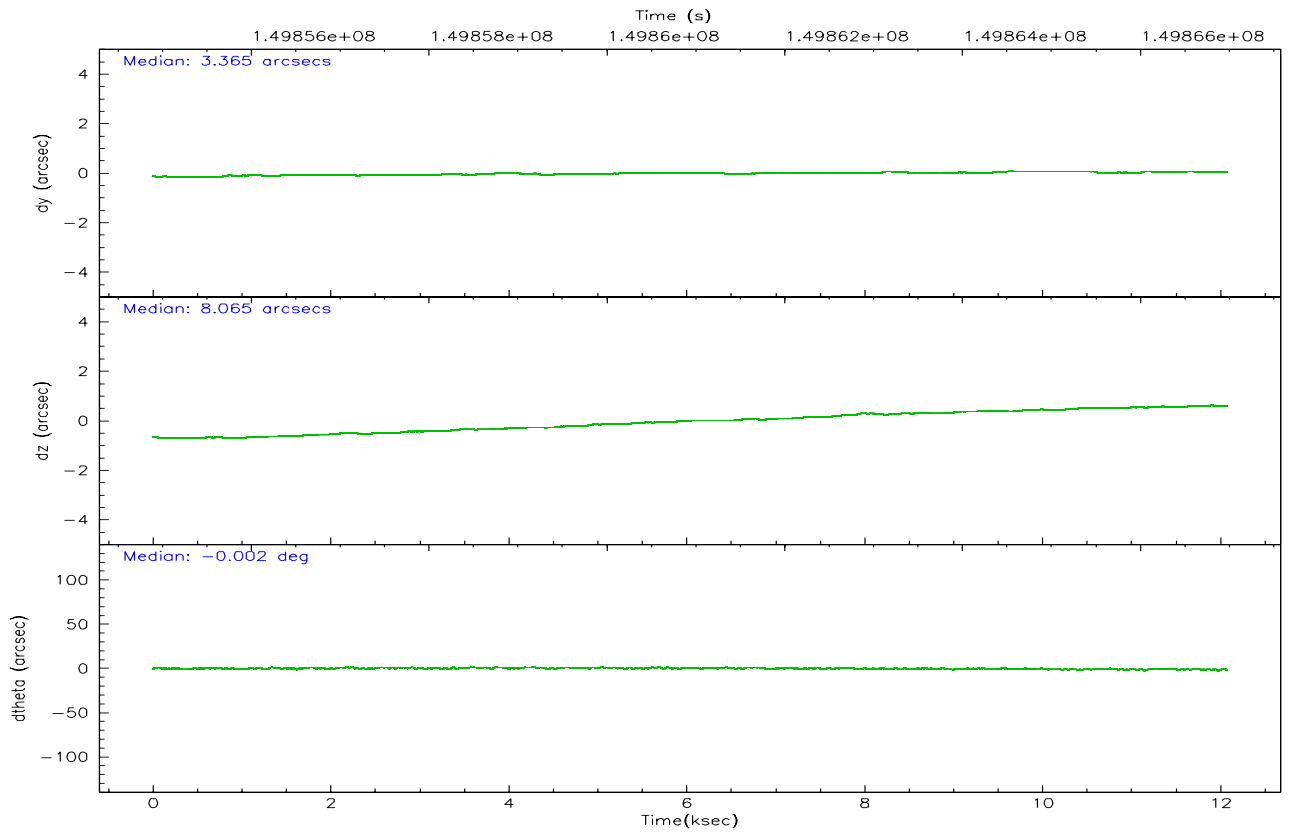
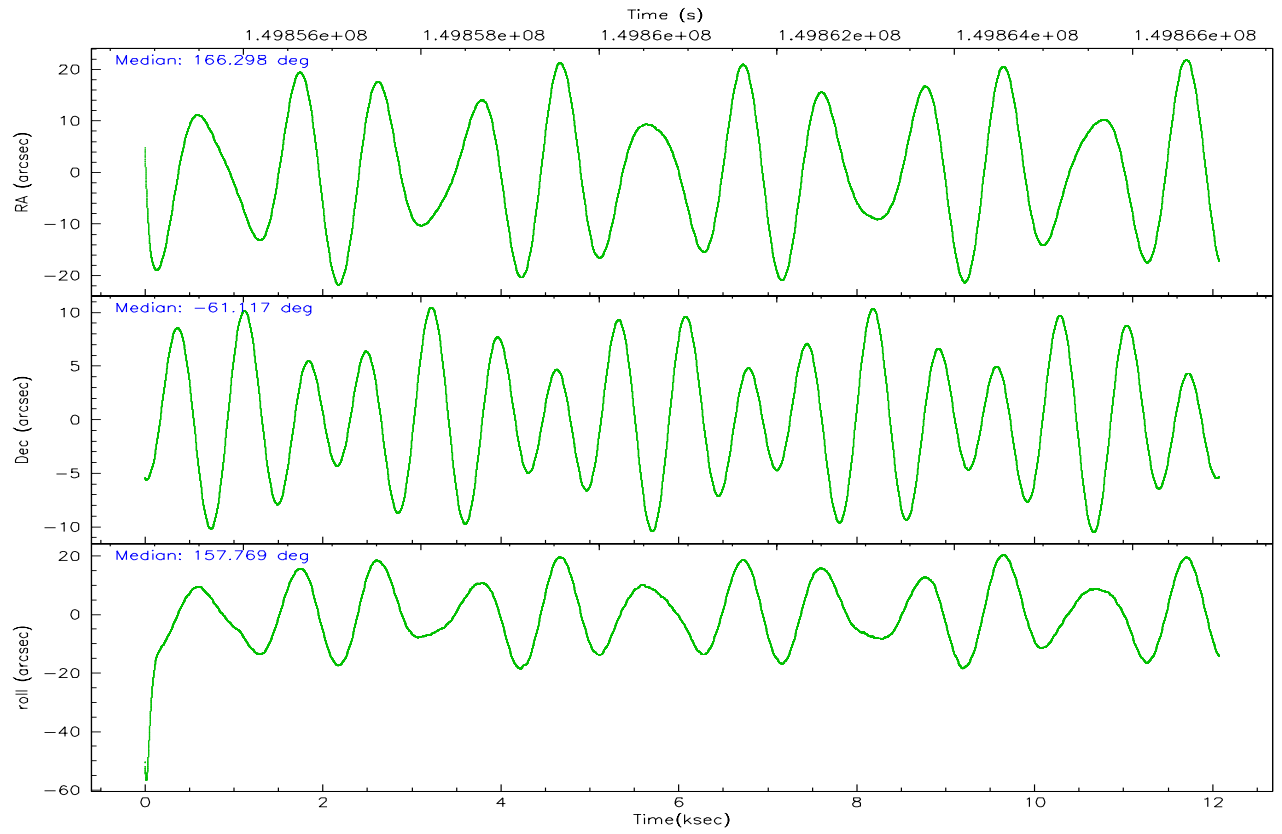
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	12413	11936	19792	11141	21453
	16%	17%	24%	7%	23%
grade 1 events	77	85	76	47	131
	0%	0%	0%	0%	0%
grade 2 events	2301	2285	3236	24823	5363
	3%	3%	3%	16%	5%
grade 3 events	918	966	1169	7173	2394
	1%	1%	1%	4%	2%
grade 4 events	934	1023	1178	7098	2241
	1%	1%	1%	4%	2%
grade 5 events	1615	1903	1989	5314	2896
	2%	2%	2%	3%	3%
grade 6 events	1175	1215	1566	63022	4595
	1%	1%	1%	41%	4%
grade 7 events	54534	49534	53435	31832	53540
	73%	71%	64%	21%	57%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	166.352930	166.2971630224991	Subarray requested	NONE	NONE
Pointing Dec	-61.113126	-61.11717907140829	Alternating exposures requested	N	N
Pointing Roll	157.662112	157.7698397763089	Primary exposure time	0.000000	3.1
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	149855188.184000	149854160.36302			
Observation start date	2002-10-01T10:25:24	2002-10-01T10:09:20			
Observation end time	149866970.184000	149867284.46356			
Observation end date	2002-10-01T13:41:46	2002-10-01T13:48:04			
Read mode	TIMED	TIMED			

## 2.3 Aspect



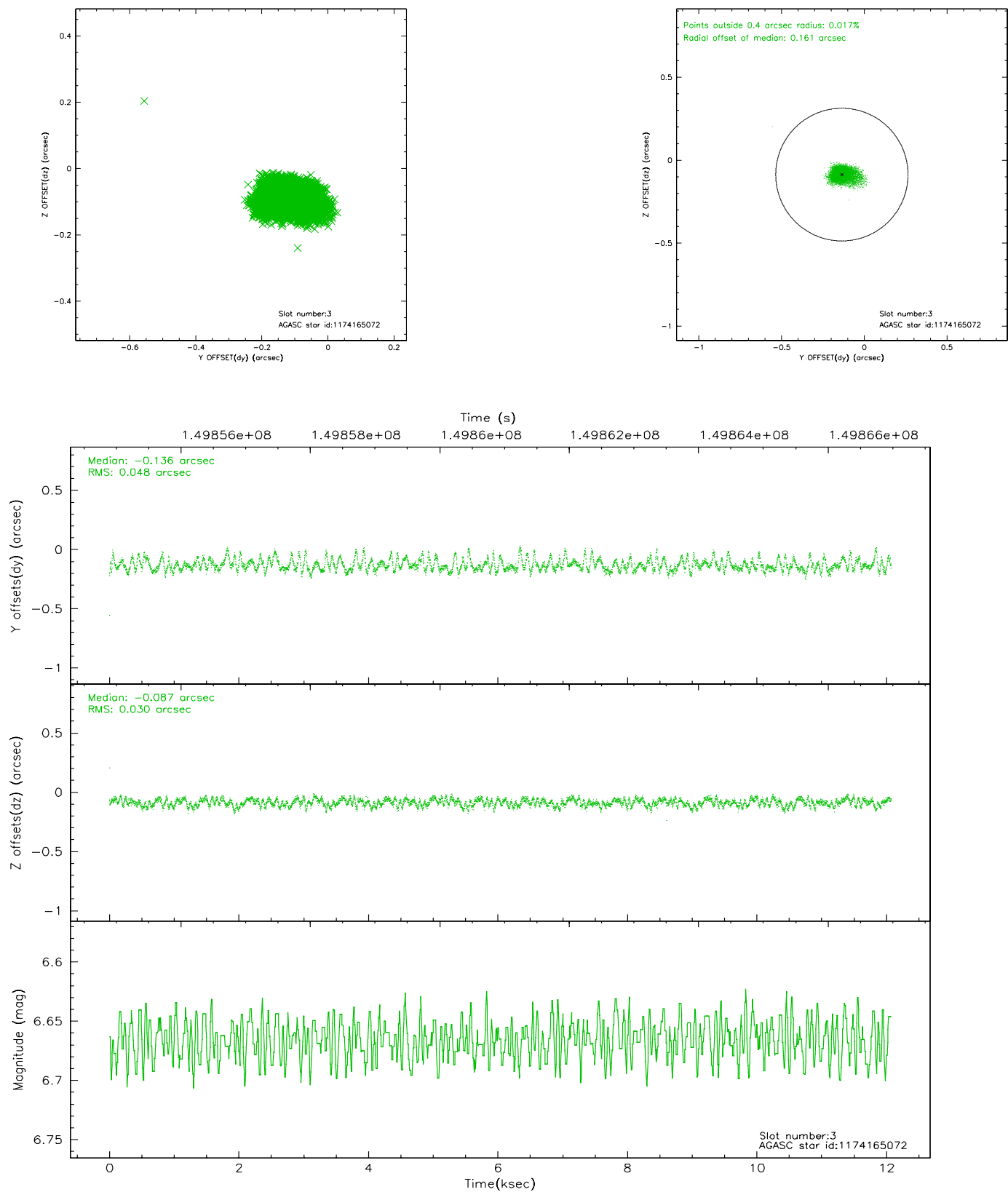


### Slot Statistics

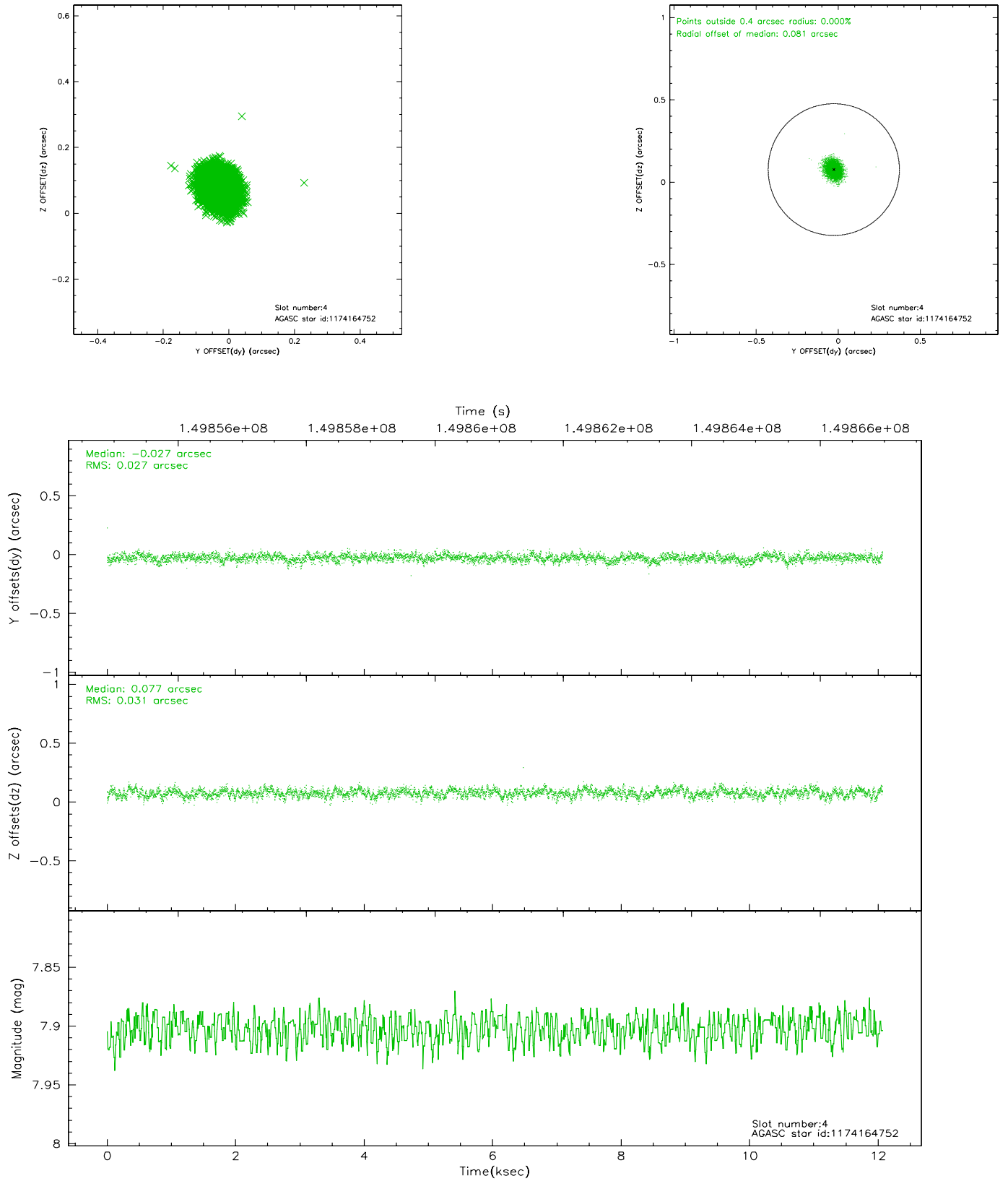
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.35	2945	-0.049	0.016	0.026	0.035	0.000000	0.000000	57.07	-1858.27
1	FID	ACIS-S-5	7.24	2945	0.043	-0.032	0.010	0.016	0.000000	0.000000	-1808.97	172.33
2	FID	ACIS-S-6	7.36	2945	-0.016	0.024	0.019	0.033	0.000000	0.000000	405.19	816.71
3	GUIDE	1174165072	6.67	5891	-0.136	-0.087	0.057	0.104	164.808363	-61.320739	2172.96	1735.25
4	GUIDE	1174164752	7.90	5890	-0.027	0.077	0.043	0.070	166.202600	-60.663321	862.09	-1395.71
5	GUIDE	1174277736	7.96	5890	0.060	-0.009	0.060	0.099	167.205882	-61.559450	-1965.65	939.59
6	GUIDE	1174172736	8.24	5887	0.059	0.008	0.051	0.080	165.291451	-61.221953	1547.77	1076.20
7	GUIDE	1174277760	8.82	5890	0.037	0.012	0.077	0.122	167.829413	-60.920065	-2134.85	-1597.00

## 2.4 Star Slots

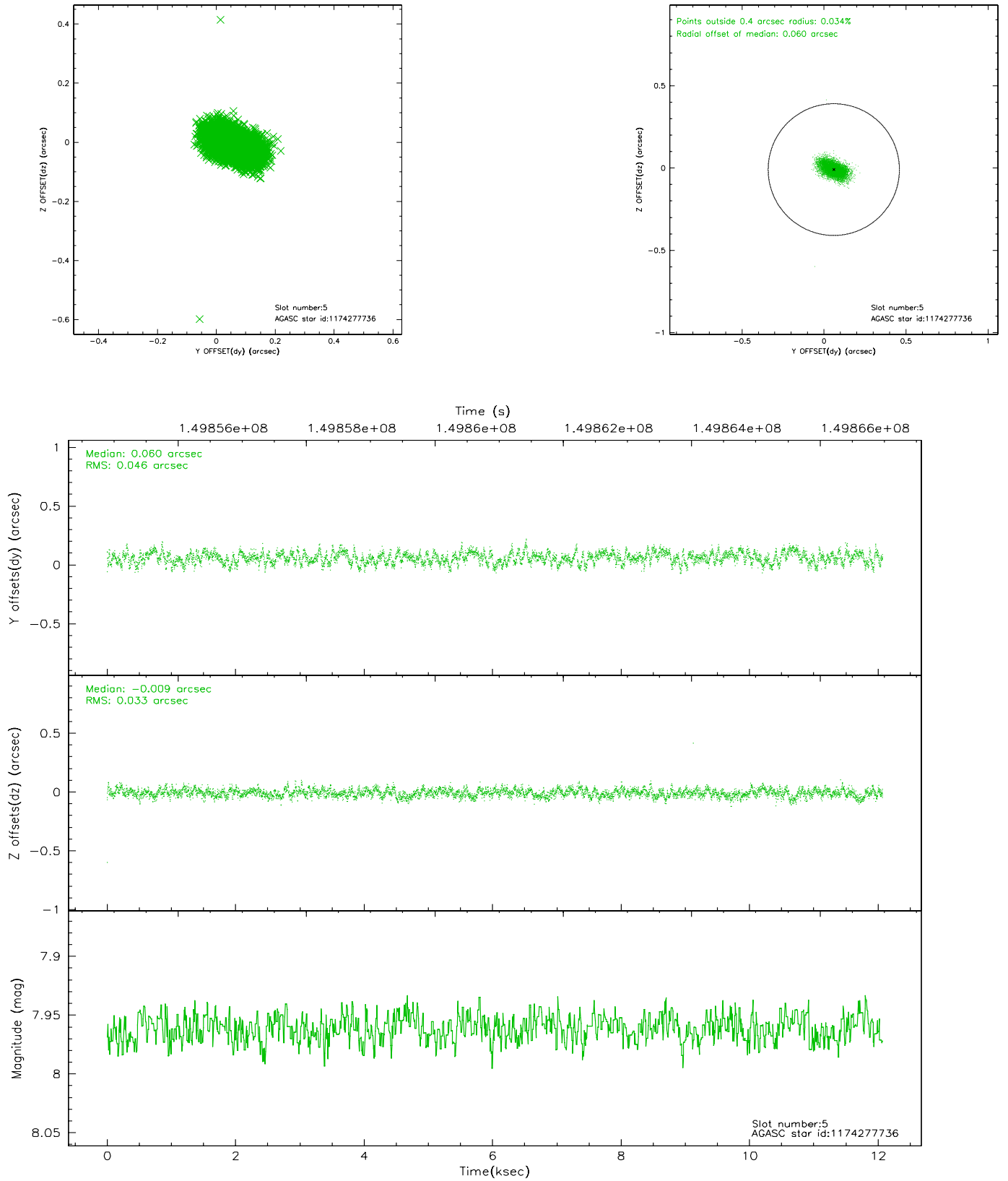
### 2.4.1 Slot 3



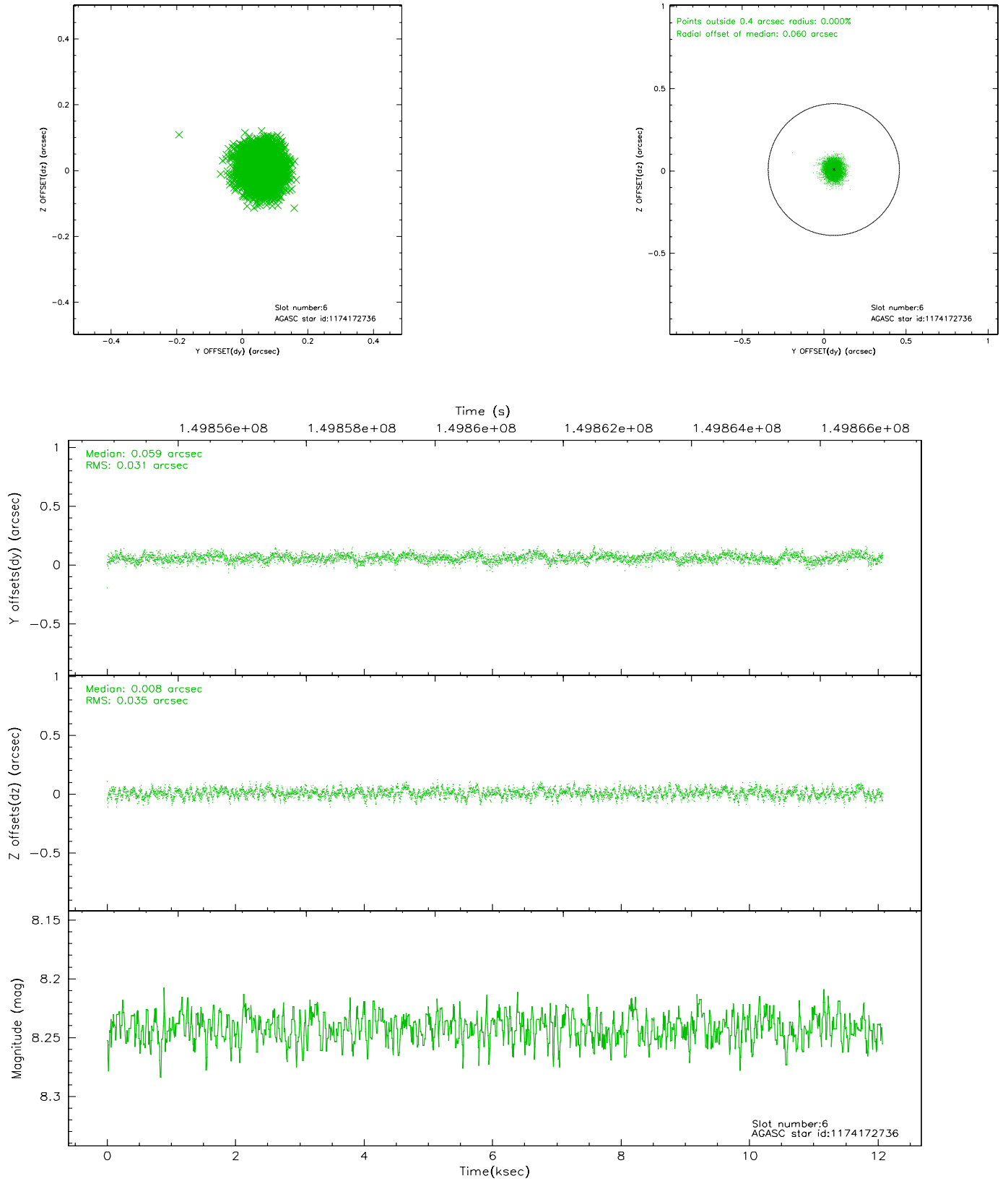
## 2.4.2 Slot 4



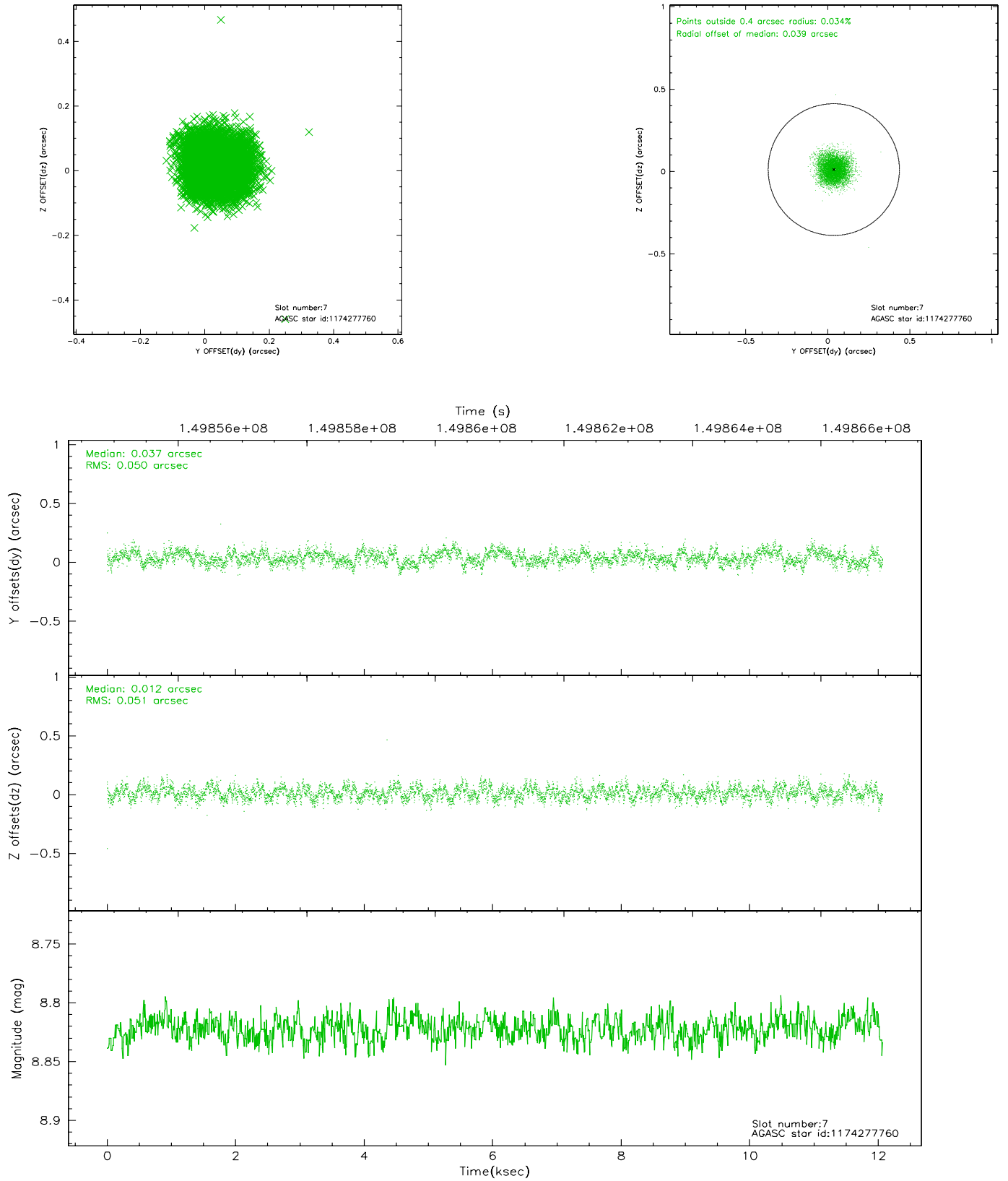
### 2.4.3 Slot 5



## 2.4.4 Slot 6

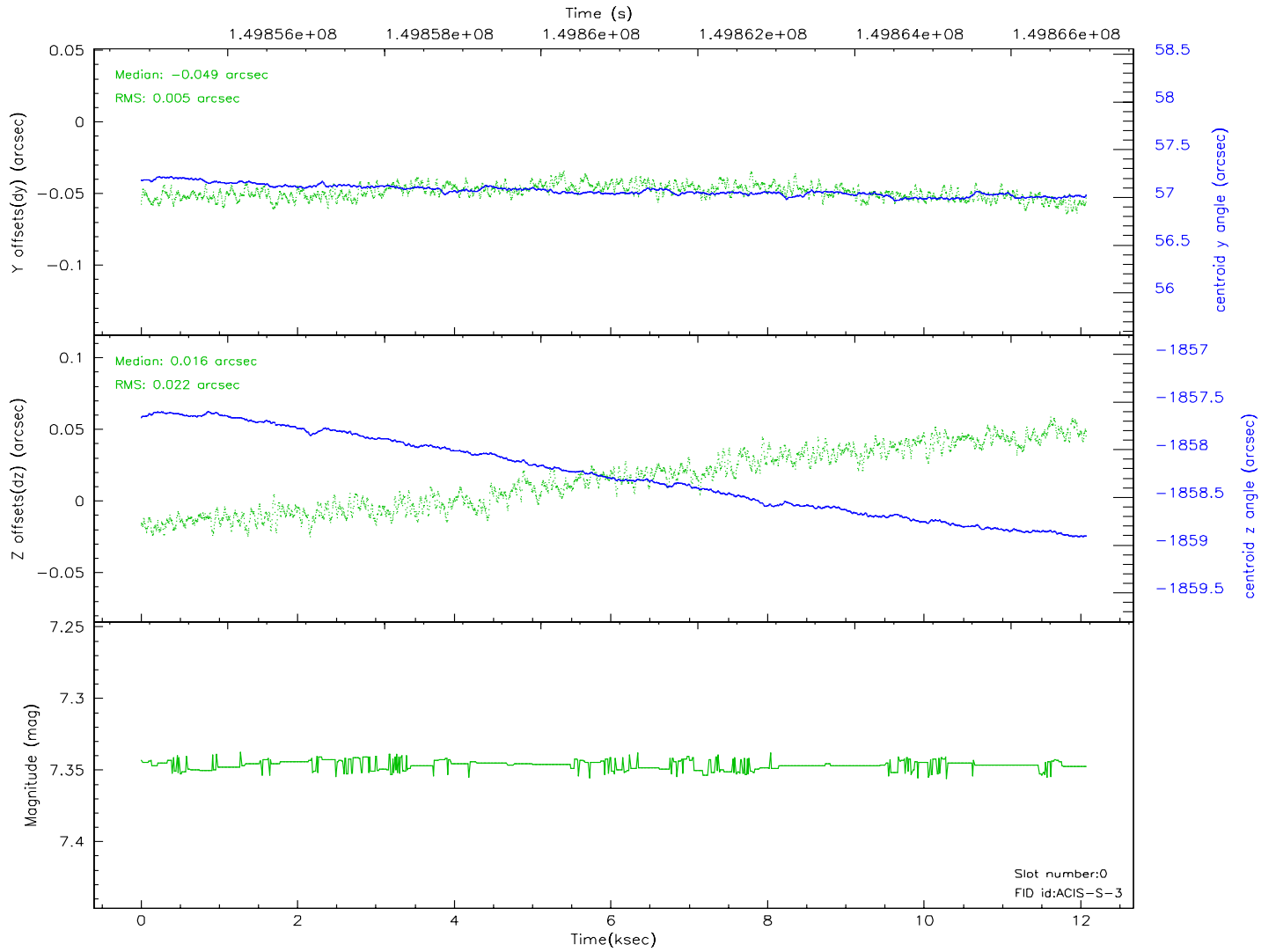
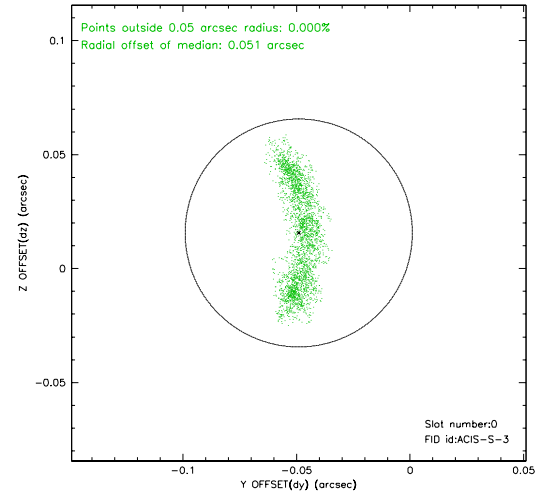
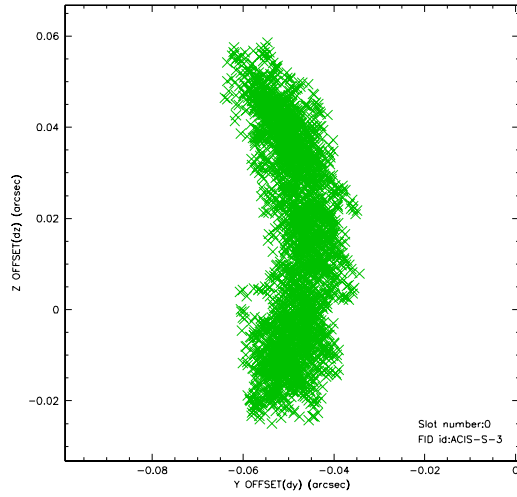


## 2.4.5 Slot 7

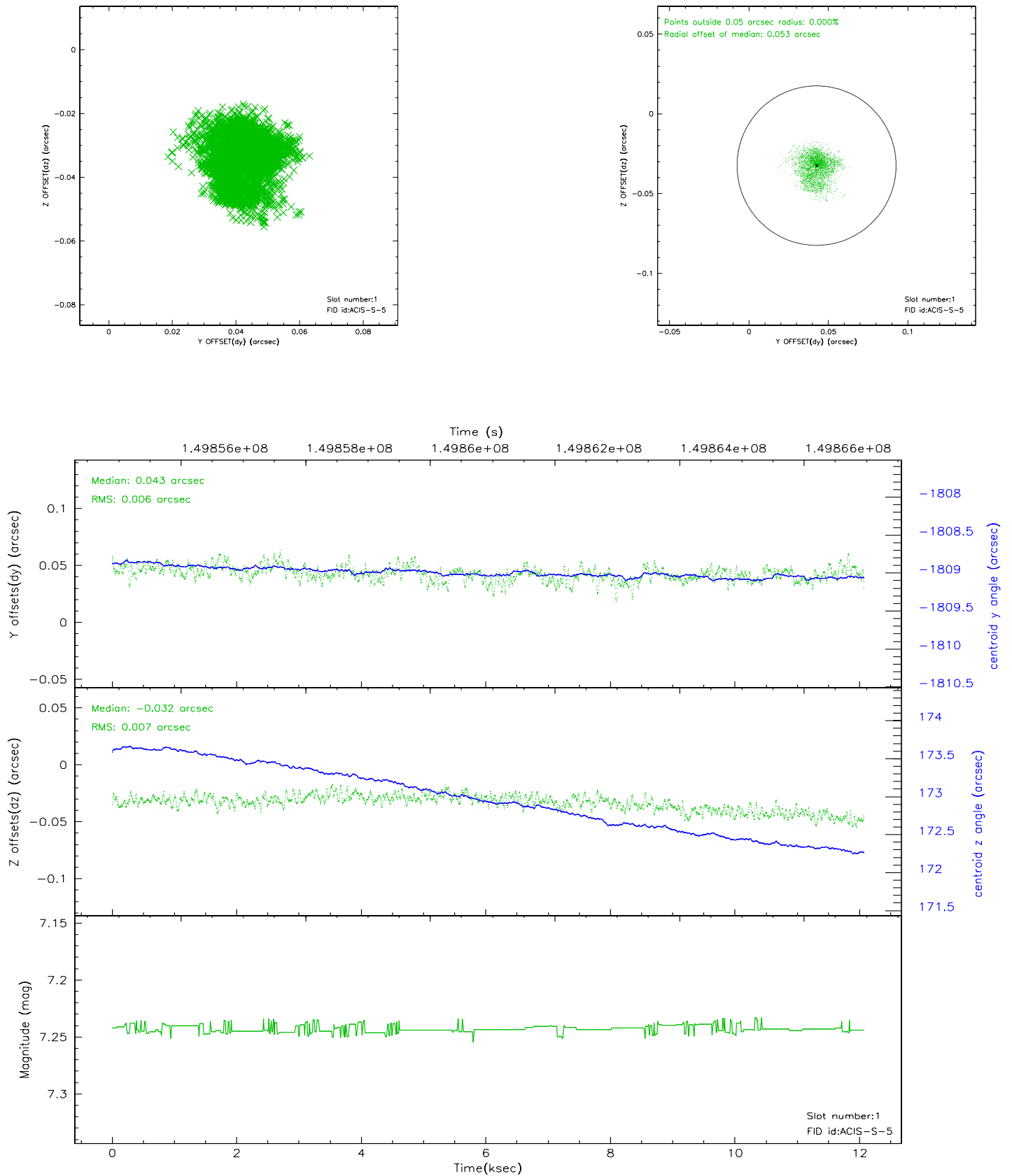


## 2.5 FID Slots

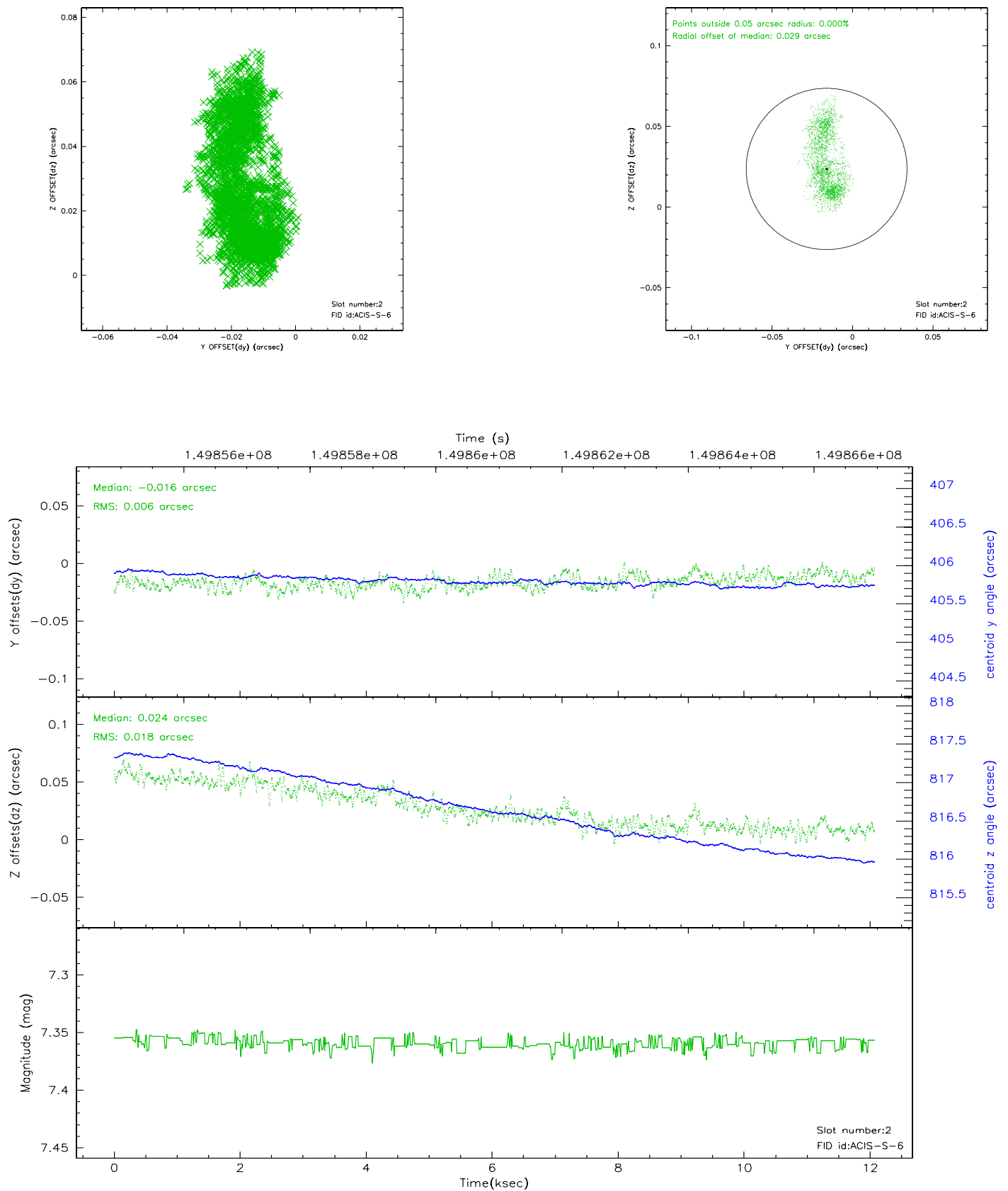
### 2.5.1 Slot 0



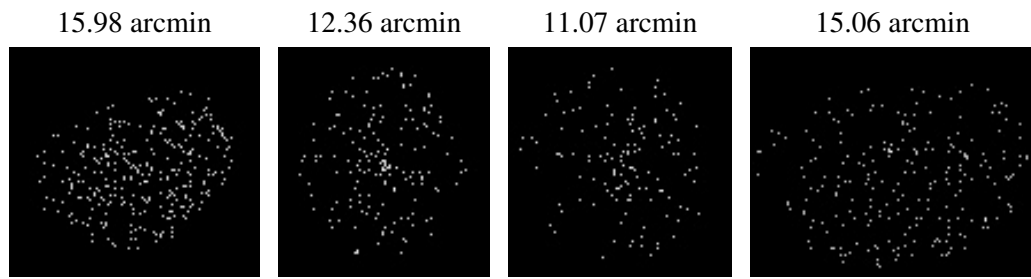
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.888

### A.2 Comments