

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2165 - L2 Version 001  
Chandra X-Ray Center

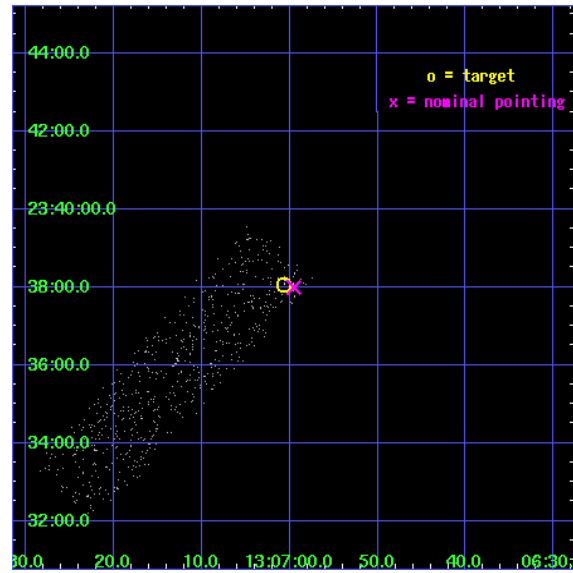
L2 Processing Date : Nov 23 2006

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# 1 Front

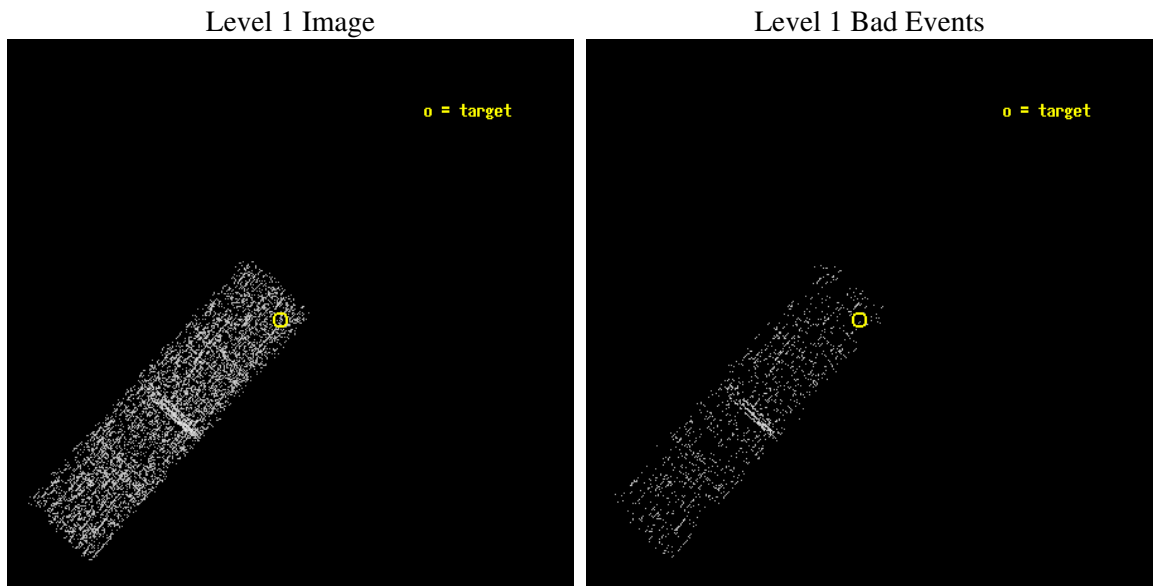
seq_num	700355
obs_id	2165
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ130700+2338
dtcycle	0
cycle	P
ra_targ	196.752917
dec_targ	23.634722
ra_nom	196.74810751599
dec_nom	23.633167158303
roll_nom	222.29986245368
revision	2
ontime	3679.1999862939
livetime	3499.6670658175
ontime3	3679.1999862939
l2events	656



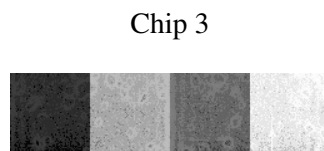
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-23T04:48:46
revision	2

sched_exp_time	3006.903000
ontime	3827.5238291174
ontime3	3827.5238291174
l1events	8384

### 2.1.4 Events

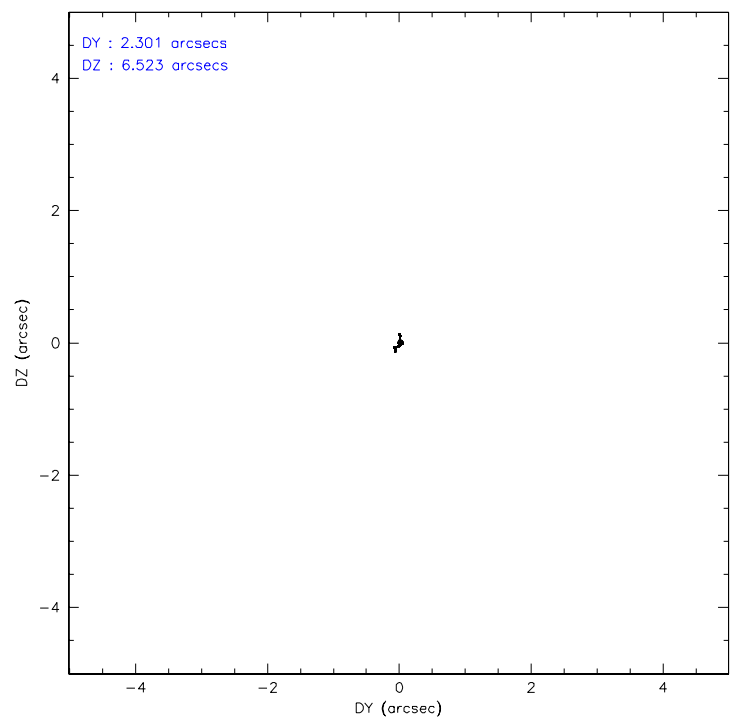
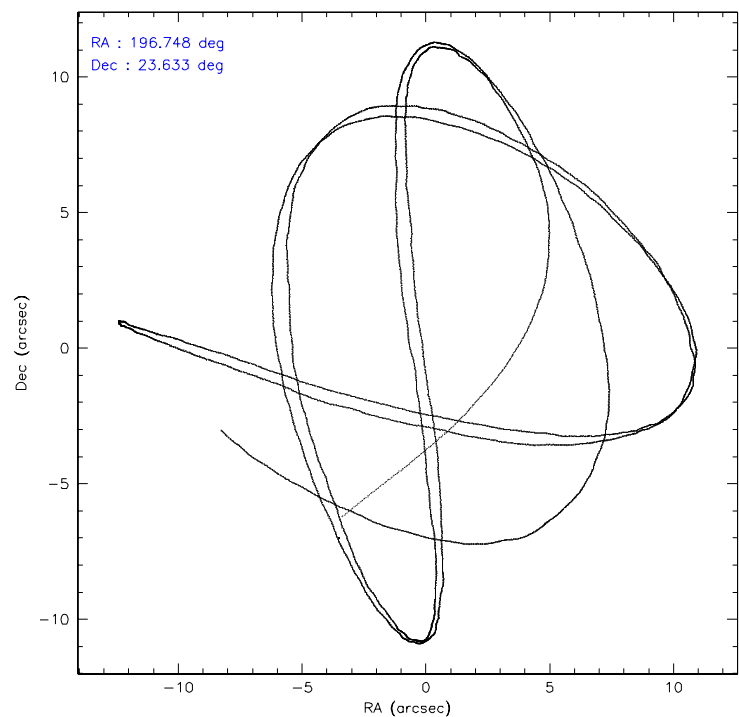
	<b>ccd 3</b>
level 1 events	8384
rejected events	7543
rejected %	89%

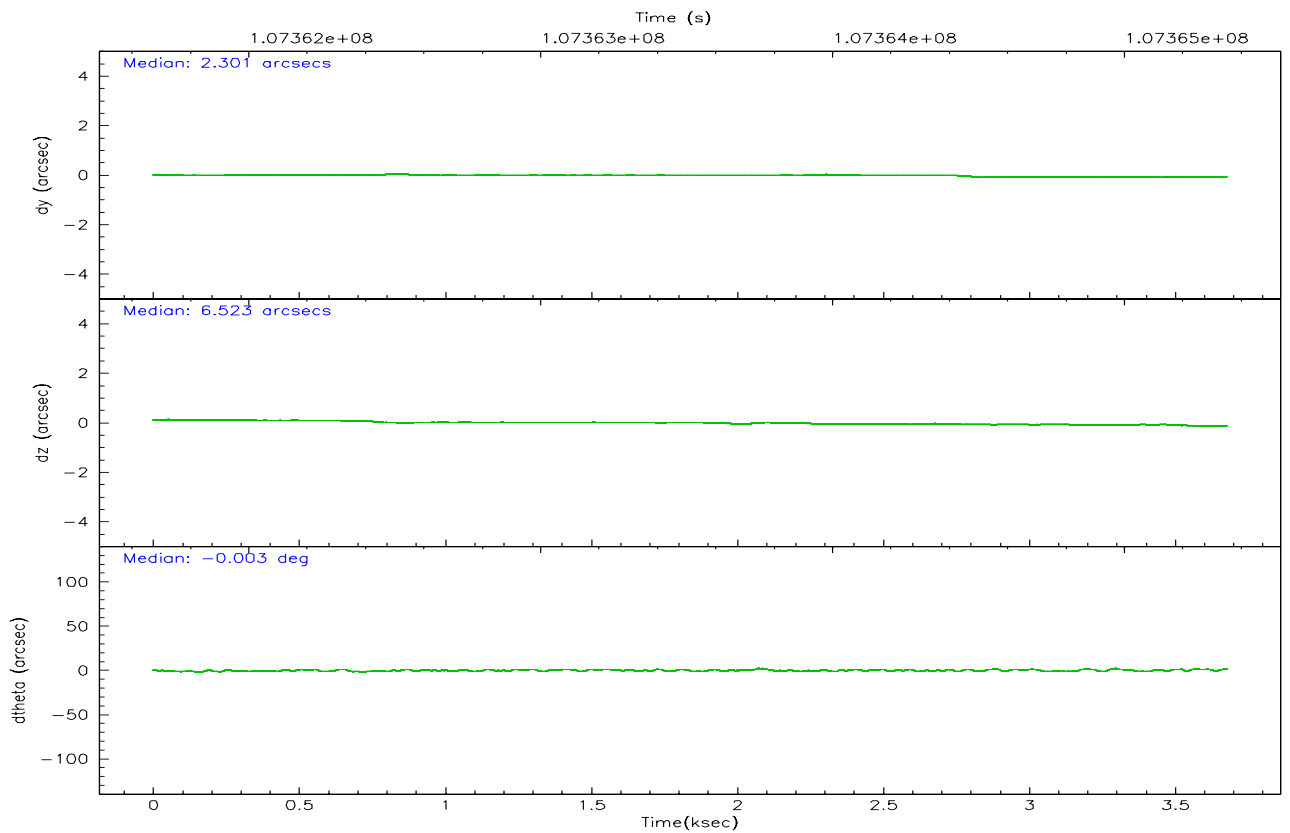
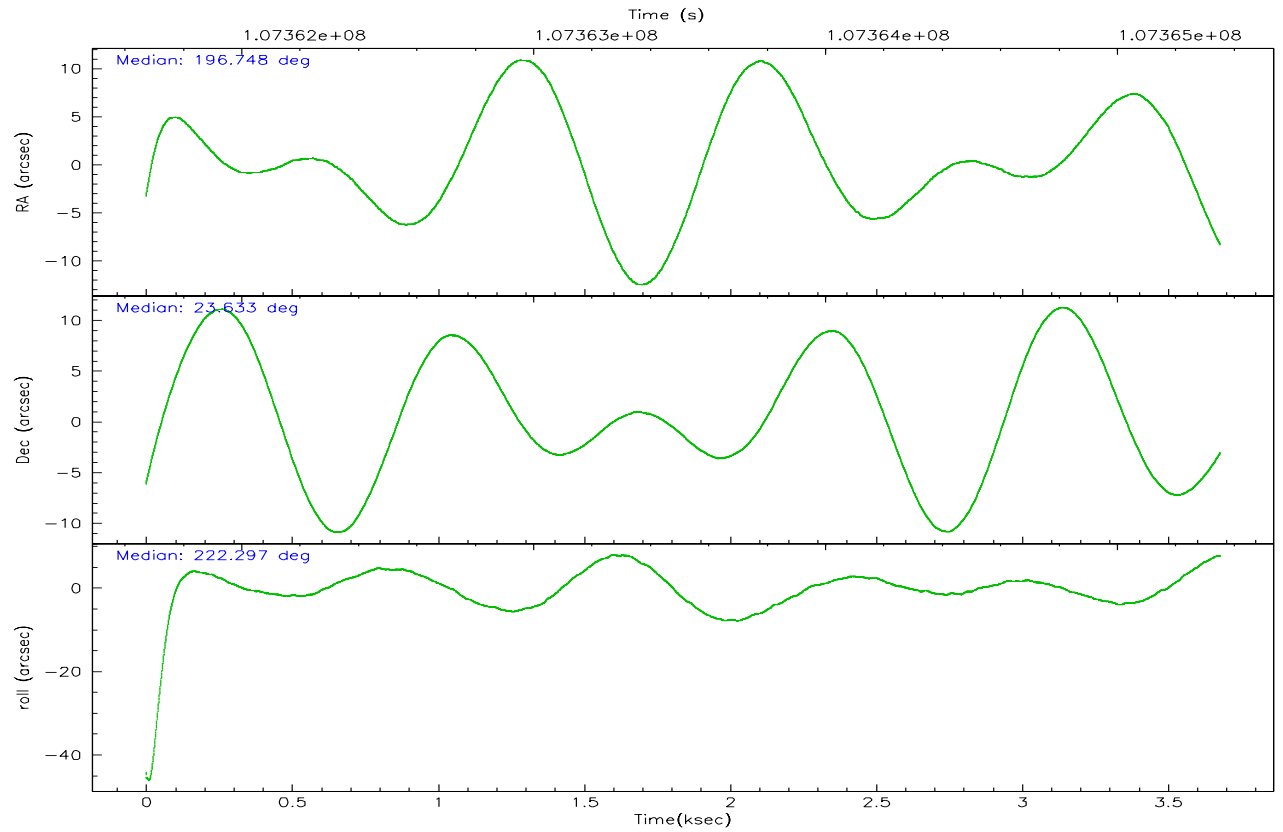
	<b>ccd 3</b>
grade 0 events	308
	3%
grade 1 events	0
	0%
grade 2 events	128
	1%
grade 3 events	161
	1%
grade 4 events	132
	1%
grade 5 events	233
	2%
grade 6 events	142
	1%
grade 7 events	7280
	86%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	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	196.757114	196.7481075159867	Subarray requested	1/4	1/4
Pointing Dec	23.659303	23.63316715830256	Subarray start row	0	769
Pointing Roll	222.087781	222.2998624536787	Subarray row count	1024	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	107362343.184000	107361143.65333			
Observation start date	2001-05-27T14:51:19	2001-05-27T14:32:23			
Observation end time	107365350.184000	107365664.416			
Observation end date	2001-05-27T15:41:26	2001-05-27T15:47:44			
Read mode	TIMED	TIMED			

## 2.3 Aspect





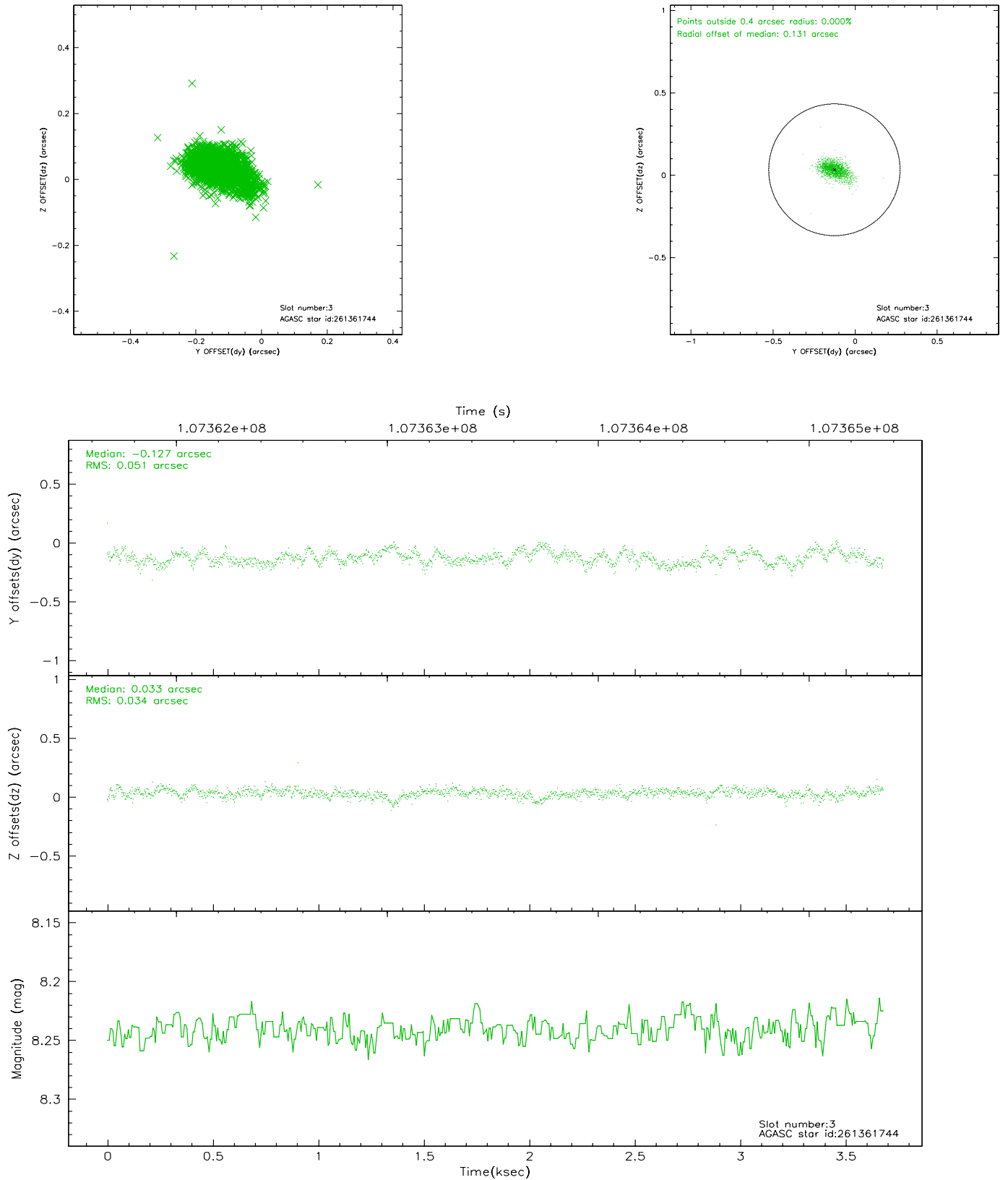
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	898	-0.037	0.033	0.006	0.010	0.000000	0.000000	-756.67	-836.25
1	FID	ACIS-I-4	7.18	898	-0.040	0.036	0.007	0.012	0.000000	0.000000	2156.58	1069.13
2	FID	ACIS-I-6	7.26	898	-0.023	-0.006	0.009	0.016	0.000000	0.000000	405.58	1713.18
3	GUIDE	261361744	8.24	1796	-0.127	0.033	0.062	0.110	197.313391	23.893010	-1923.58	599.71
4	GUIDE	261242904	9.12	1793	0.005	-0.176	0.073	0.122	196.444665	23.840637	325.89	-1174.99
5	GUIDE	261363408	9.35	1796	-0.012	0.061	0.111	0.170	197.632861	23.488126	-1737.19	2387.92
6	GUIDE	261366280	7.50	1794	-0.077	-0.049	0.055	0.089	196.971713	23.624777	-441.90	567.24
7	GUIDE	261246664	9.53	1795	0.213	0.137	0.099	0.162	196.492801	22.952241	2357.28	1301.43

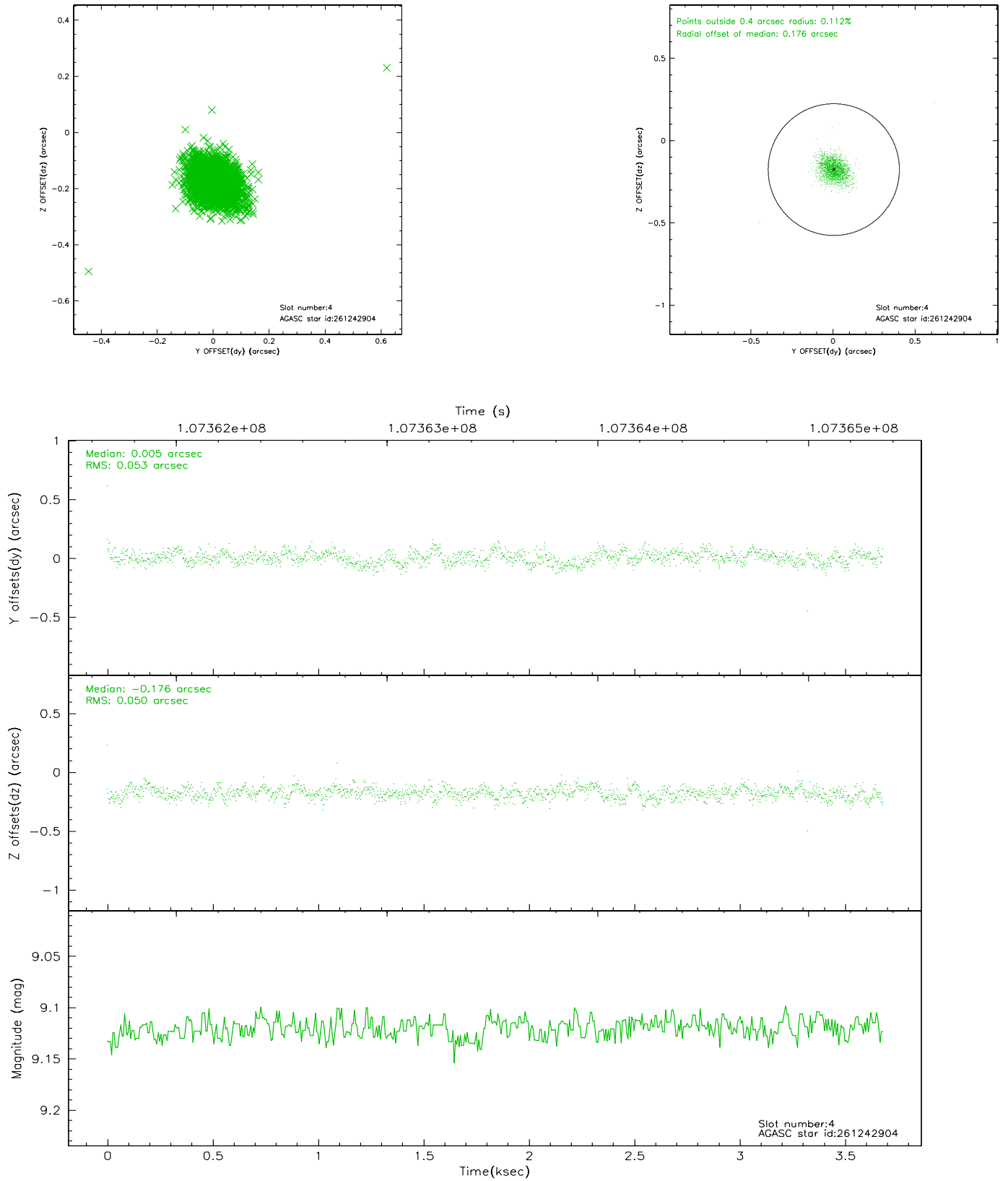


## 2.4 Star Slots

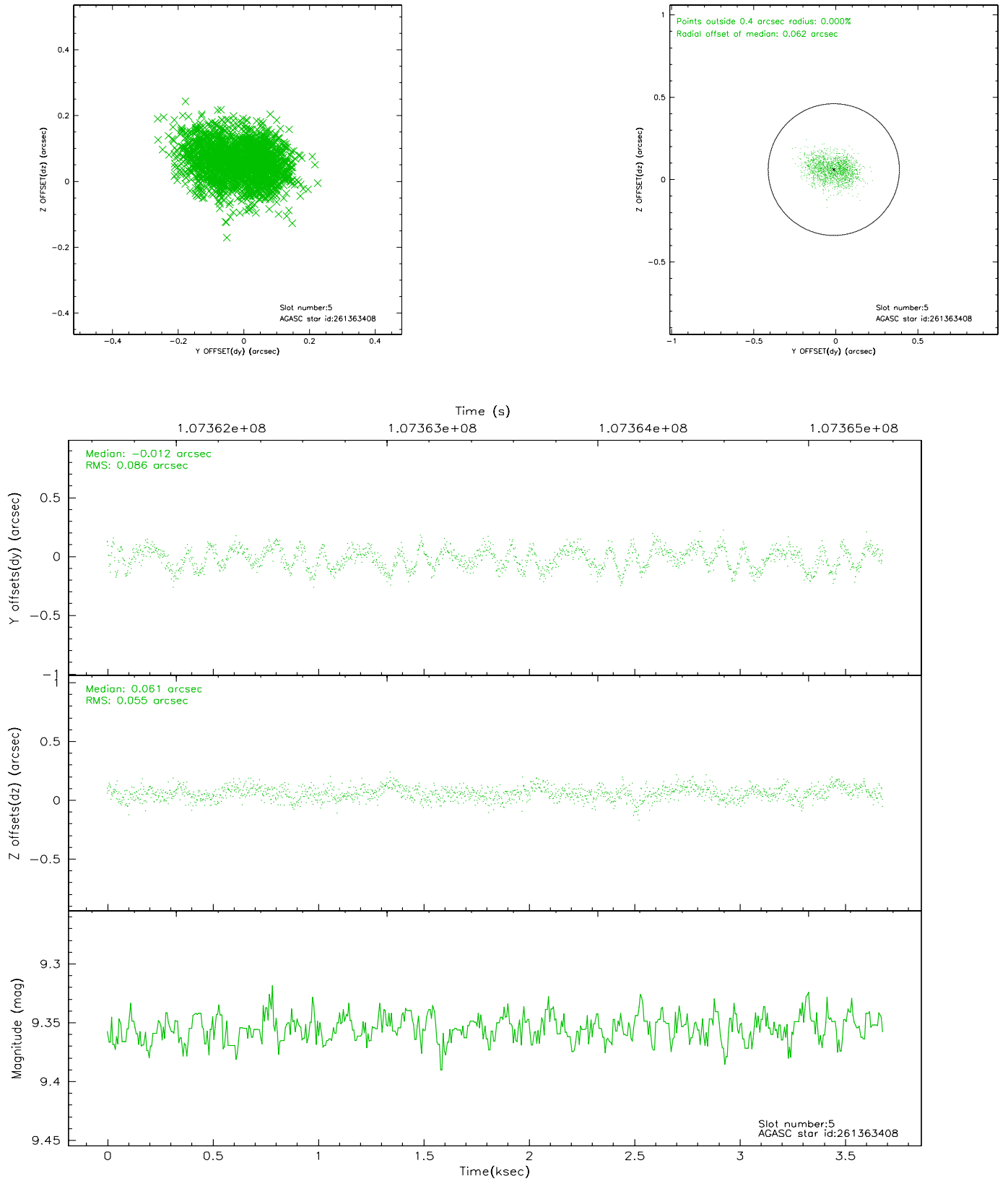
### 2.4.1 Slot 3



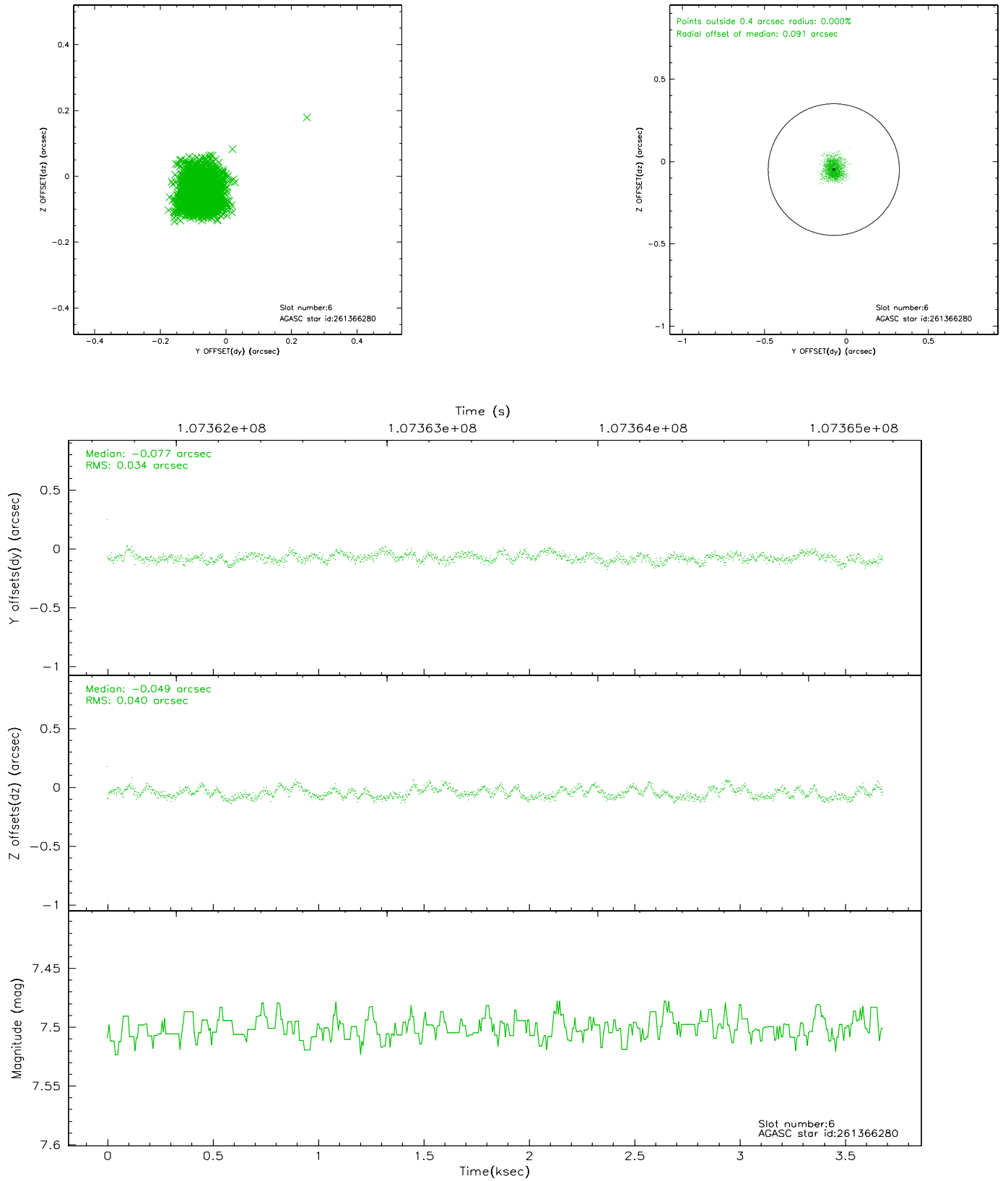
## 2.4.2 Slot 4



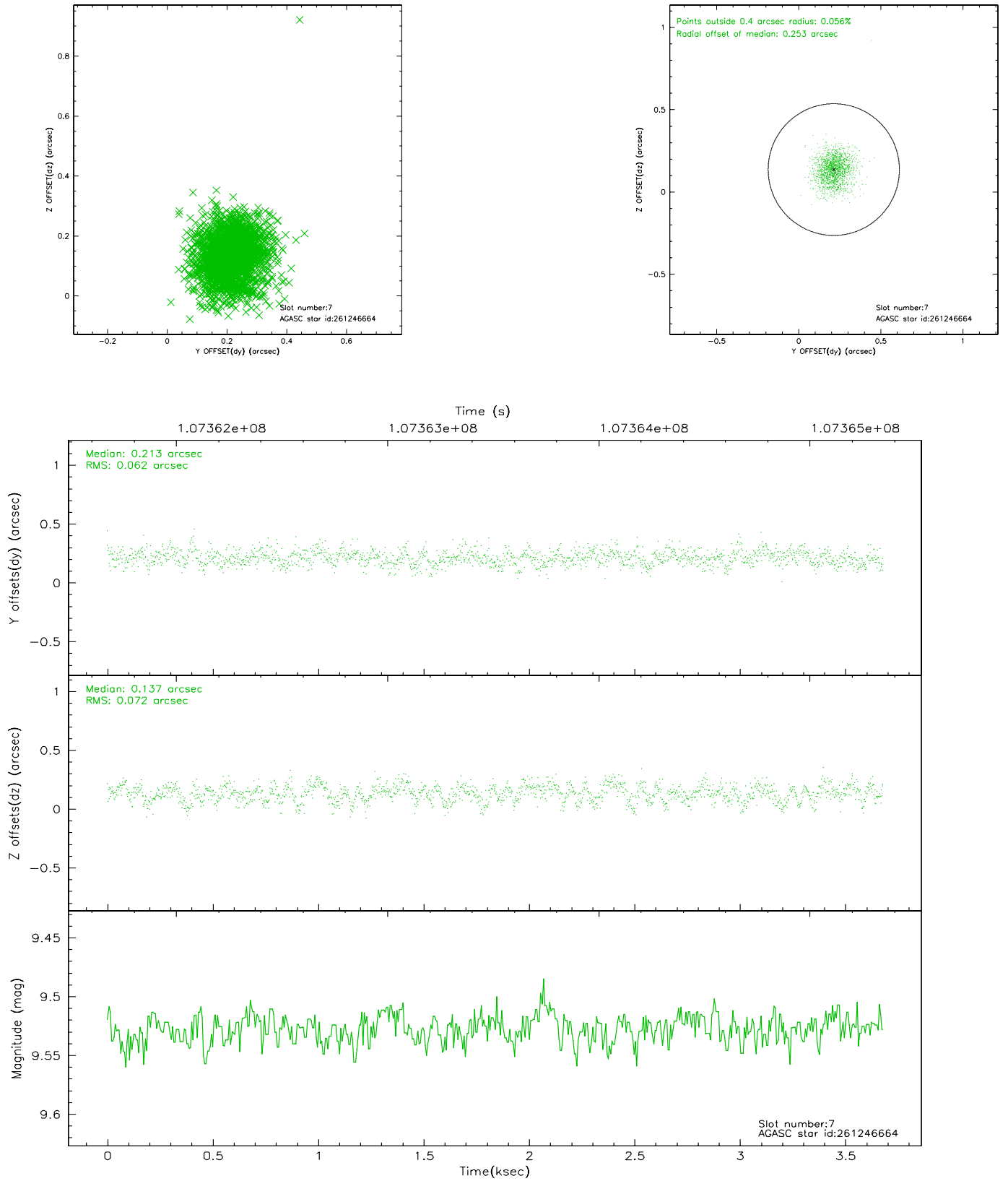
### 2.4.3 Slot 5



## 2.4.4 Slot 6

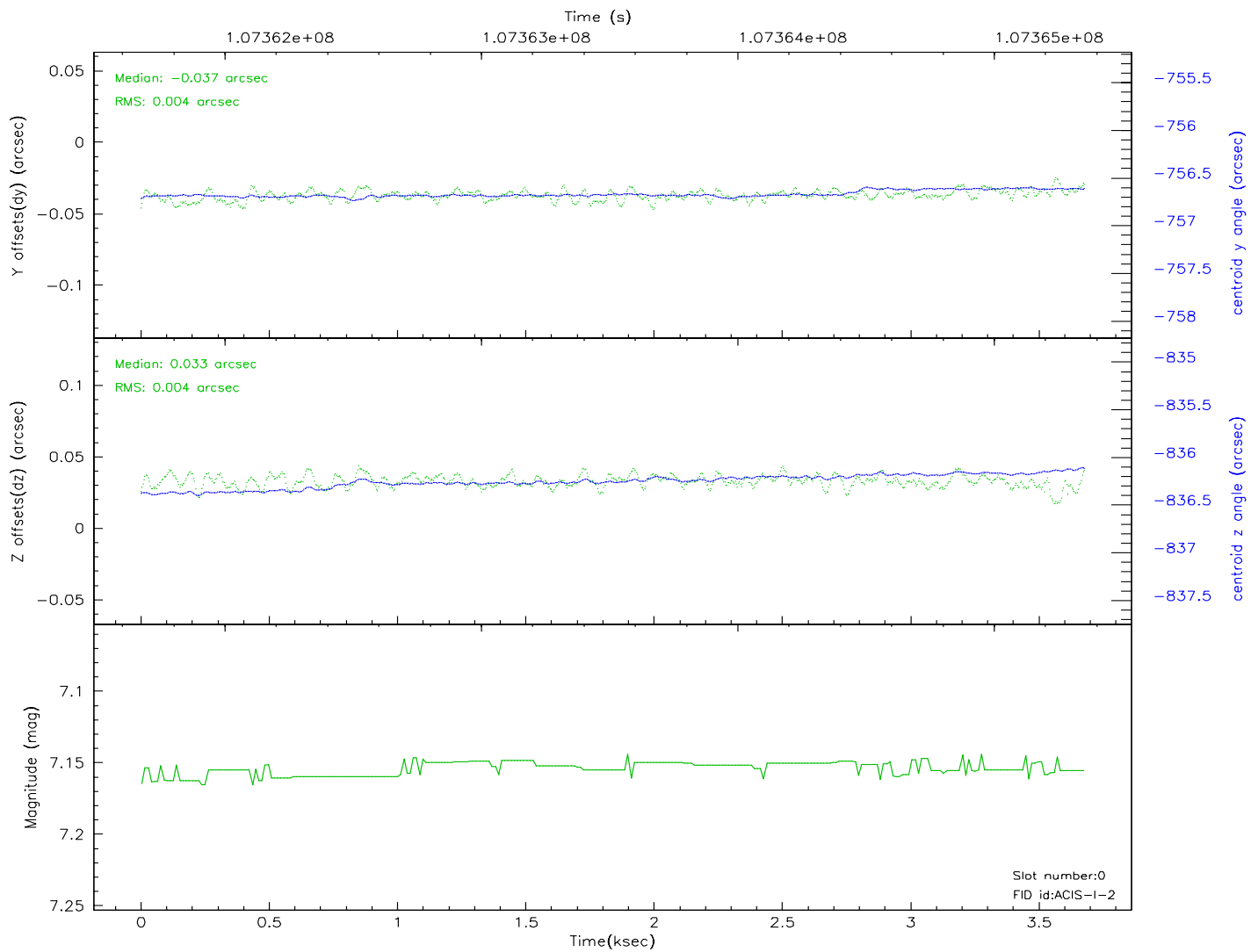
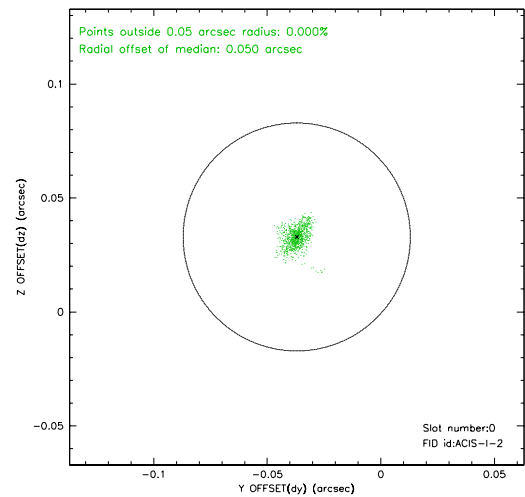
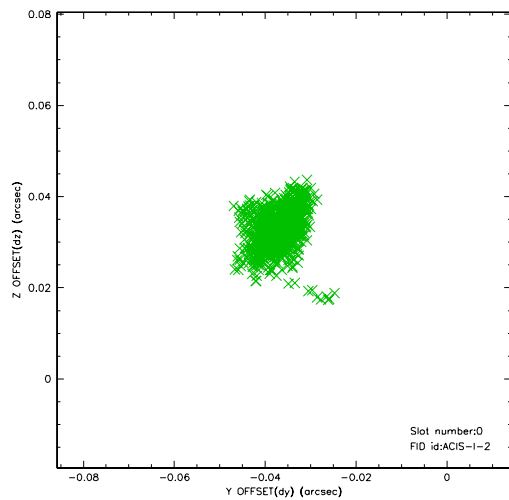


## 2.4.5 Slot 7

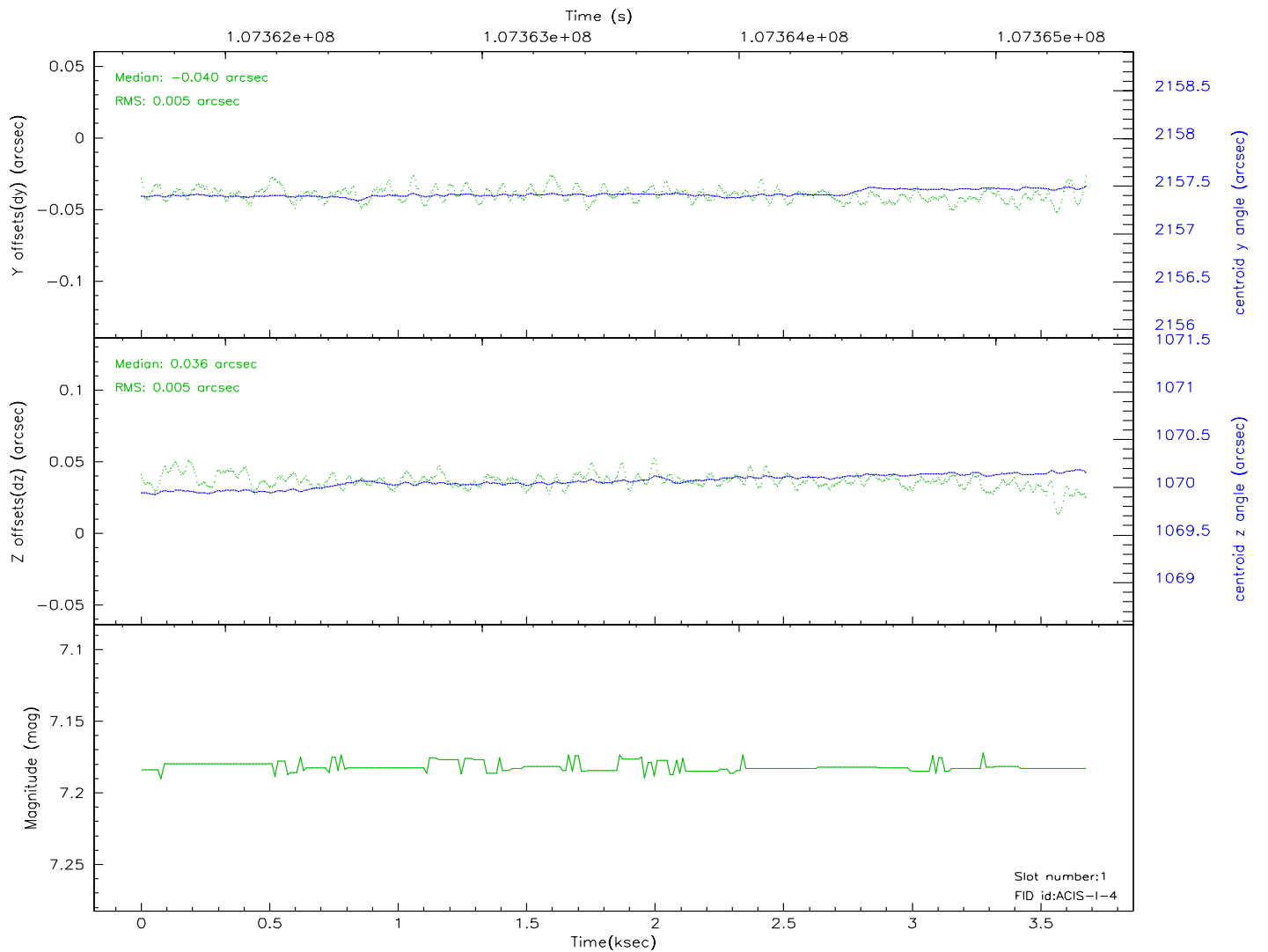
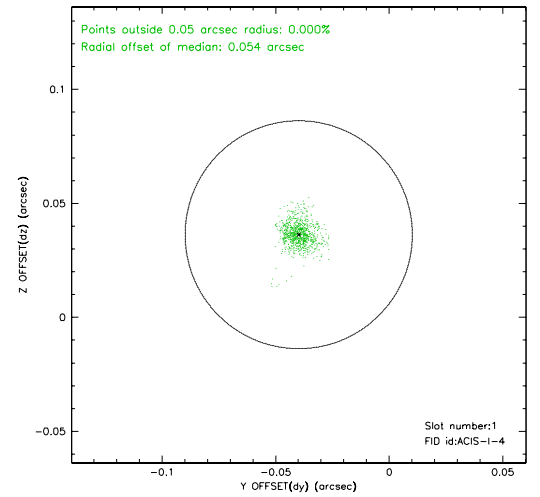
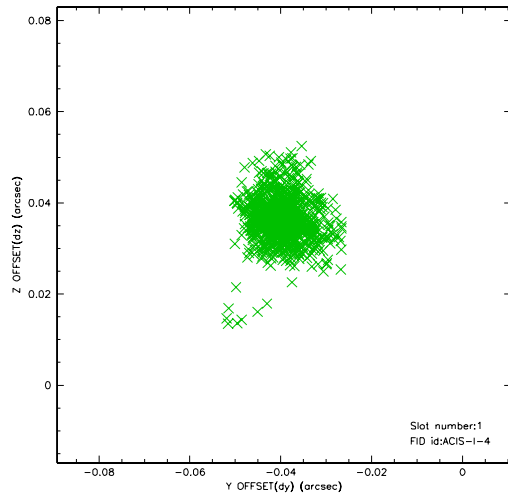


## 2.5 FID Slots

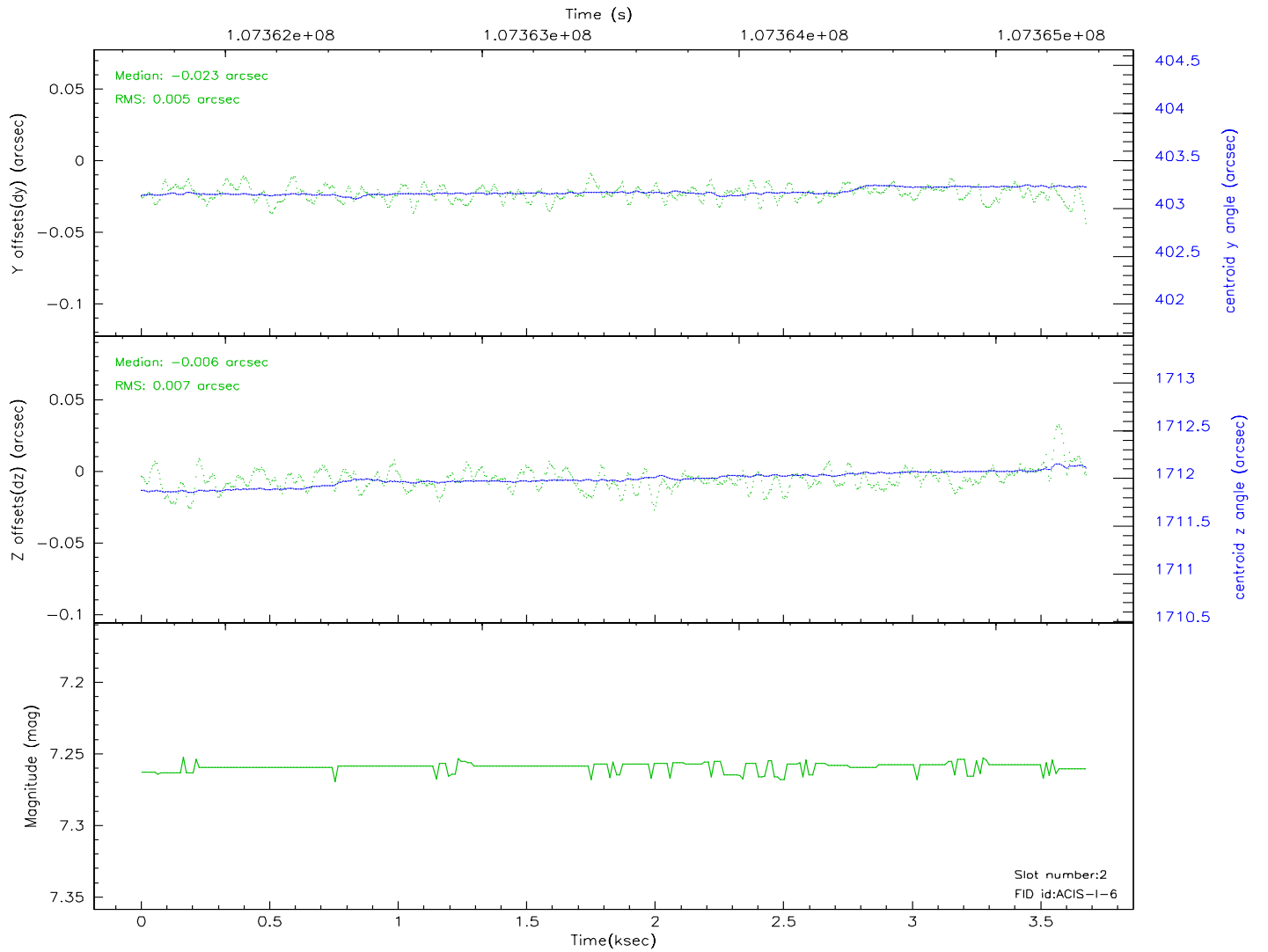
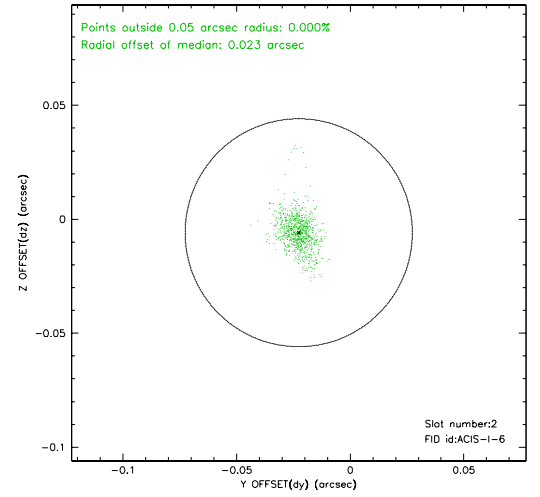
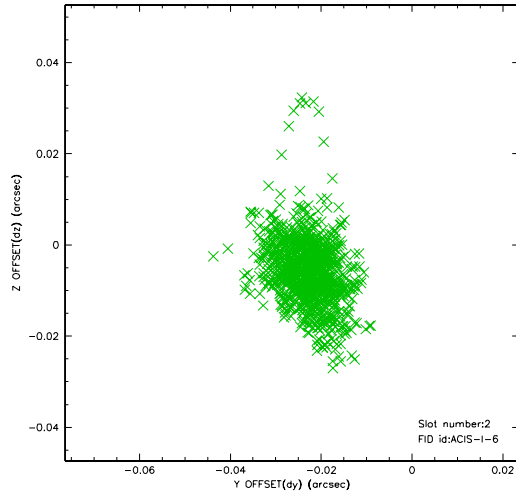
### 2.5.1 Slot 0



## 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)	2006.11.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.7

### A.2 Comments