

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 4448 - L2 Version 001  
Chandra X-Ray Center

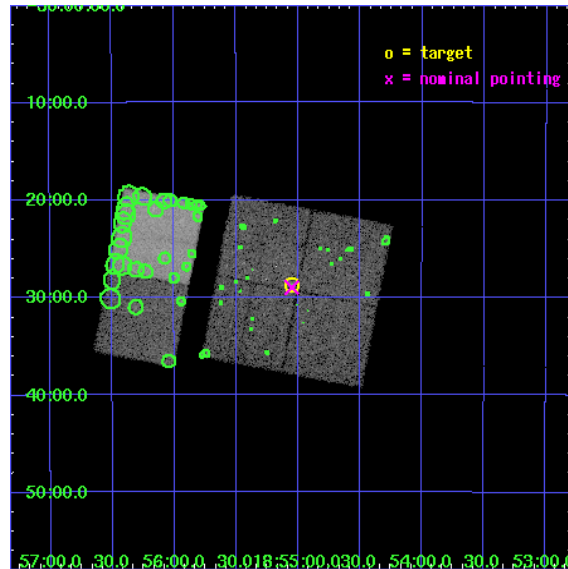
L2 Processing Date : Jul 7 2006

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# 1 Front

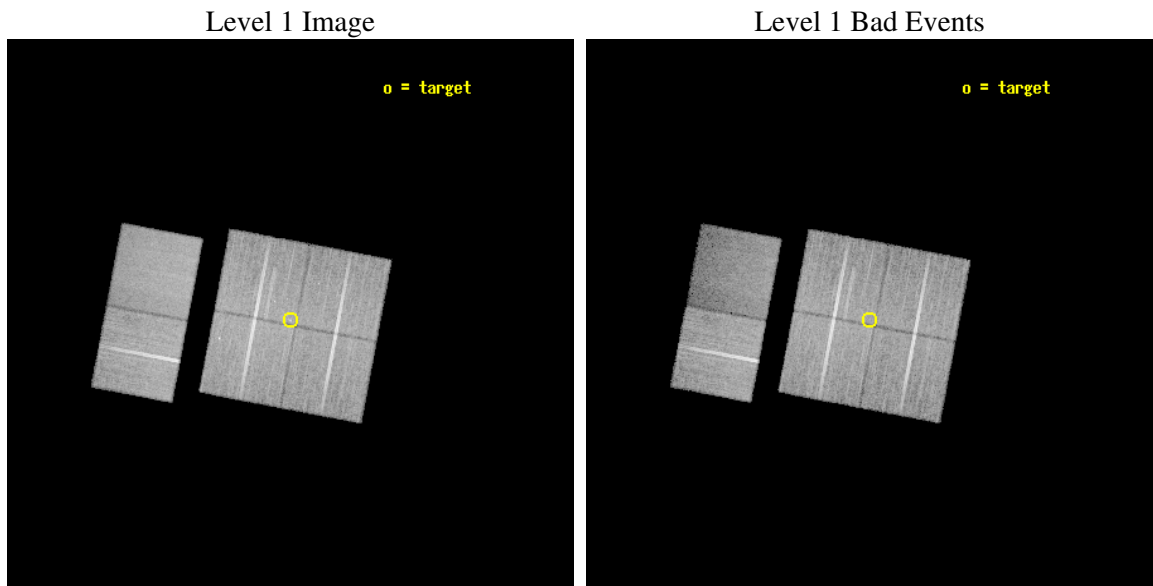
seq_num	600332
obs_id	4448
title	IDENTIFYING LOW LUMINOSITY SOURCES IN THE NEAREST DWARF SPHERIOD GALAXIES
observer	Dr Gavin Ramsay
object	SAGITTARIUS DSPH
dtcycle	0
cycle	P
ra_targ	283.76375
dec_targ	-30.478611
ra_nom	283.76259655115
dec_nom	-30.48313586587
roll_nom	280.79092768936
revision	2
ontime	30134.358887553
livetime	29752.779490587
ontime0	30137.599887729
ontime1	30137.599887729
ontime2	30127.876966923
ontime3	30134.358887553
ontime6	30137.599887729
ontime7	30137.599887729
l2events	129307



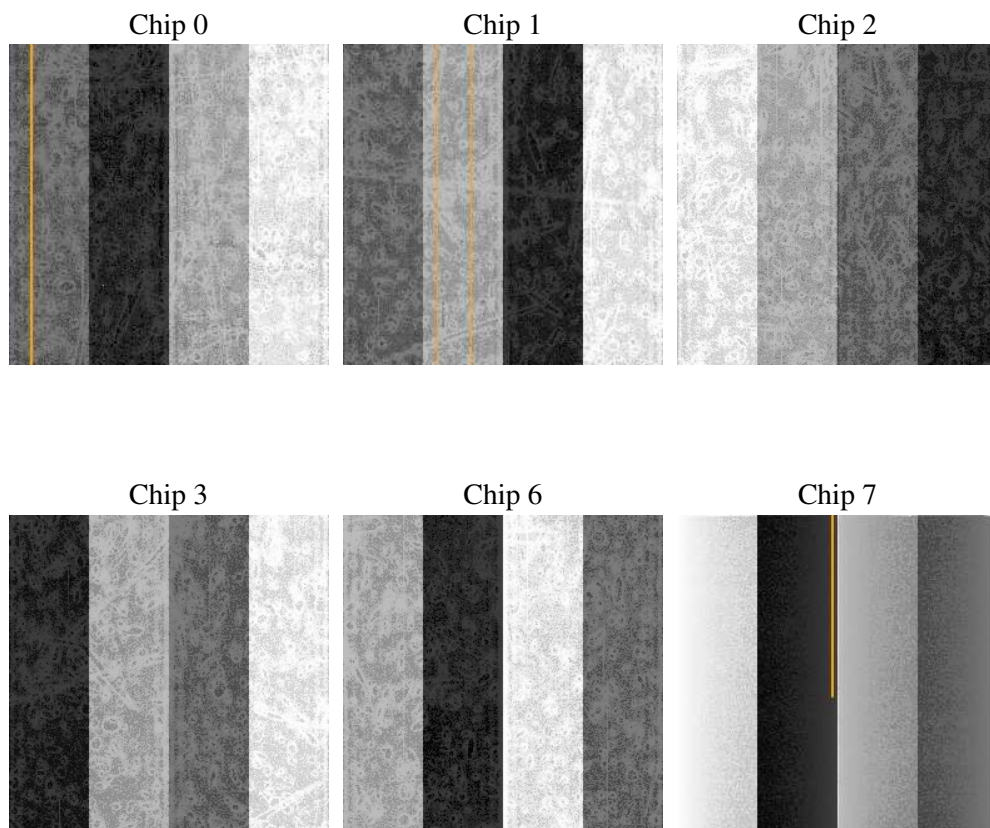
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-07T20:25:58
revision	2

sched_exp_time	30000.000000
ontime	30261.26841563
ontime0	30264.509415805
ontime1	30264.509415805
ontime2	30254.786495
ontime3	30261.26841563
ontime6	30264.509415805
ontime7	30264.509435713
l1events	871917

### 2.1.4 Events

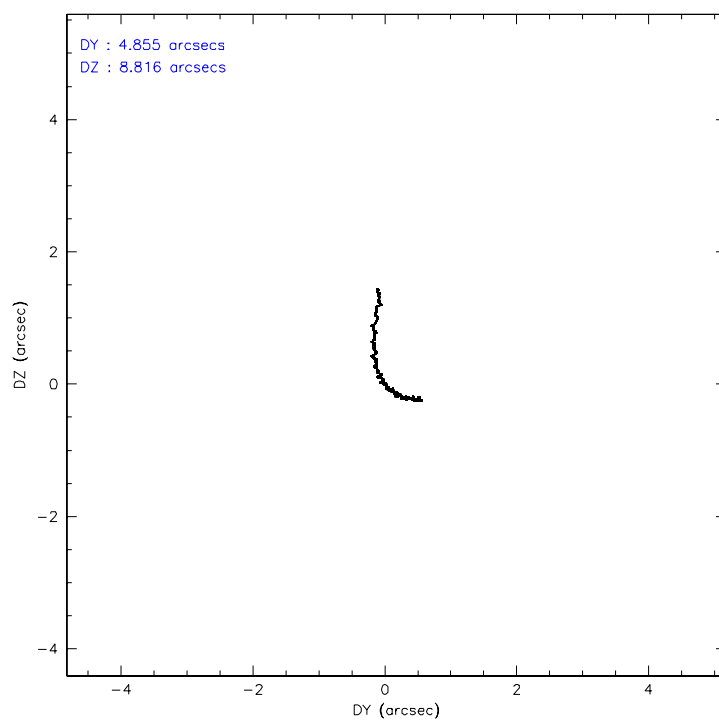
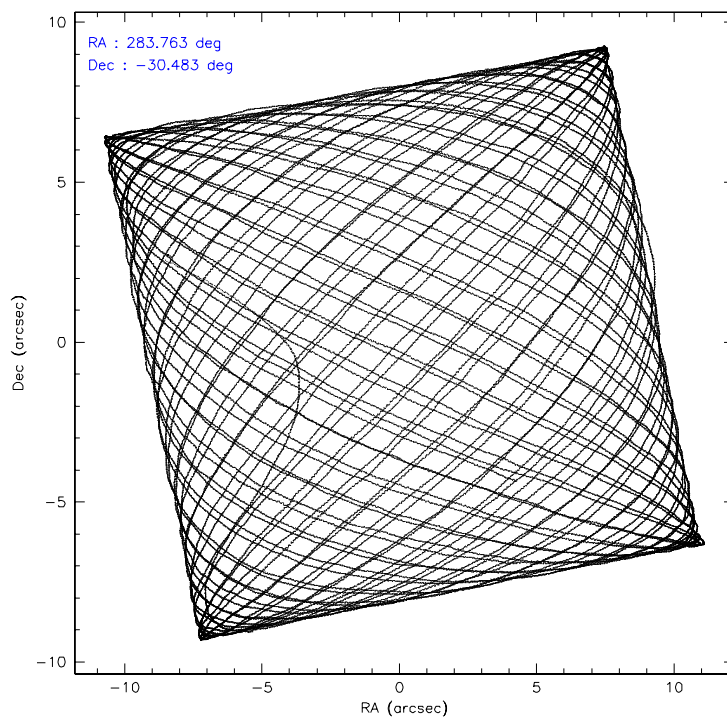
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	135000	139380	155518	147520	154207	140292
rejected events	119447	122702	139757	131952	138010	75370
rejected %	88%	88%	89%	89%	89%	53%

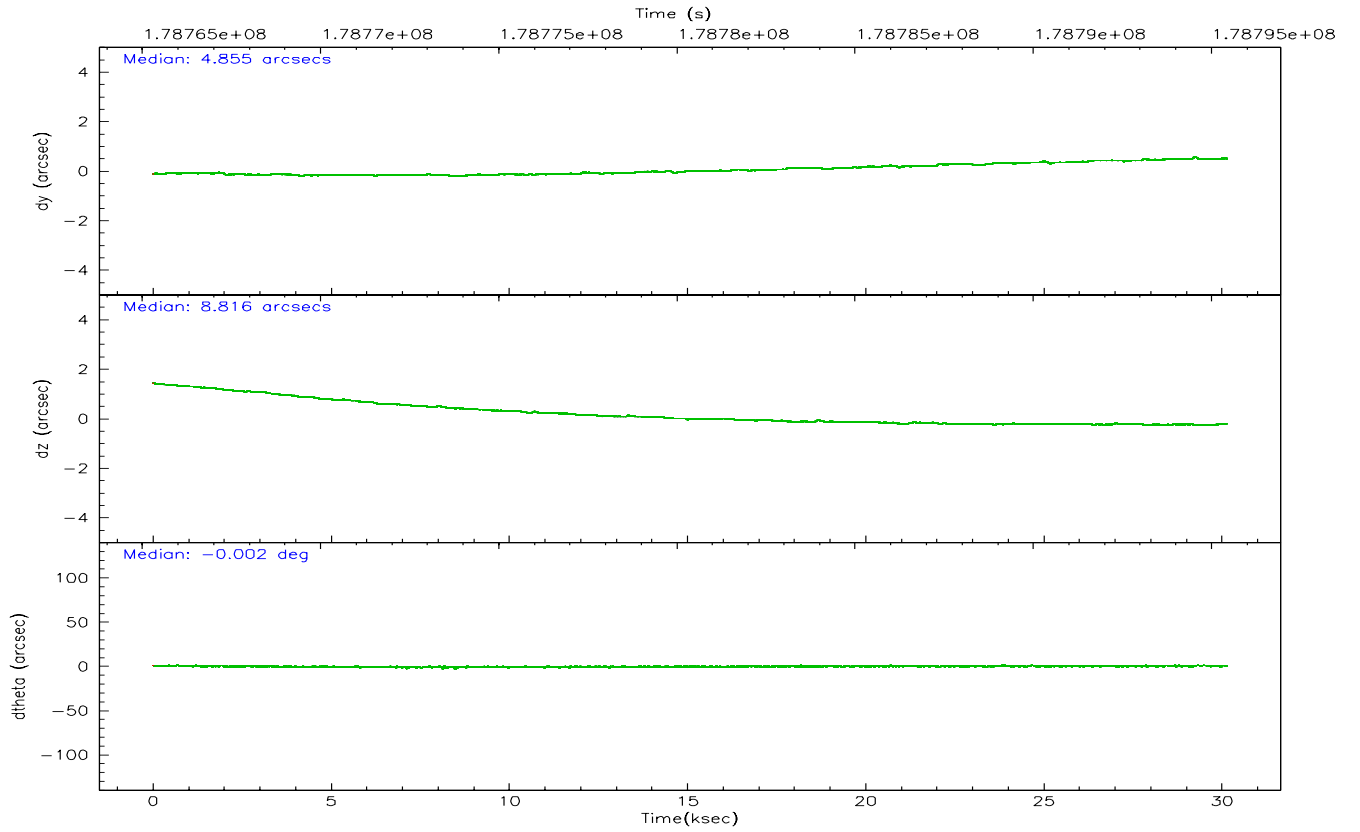
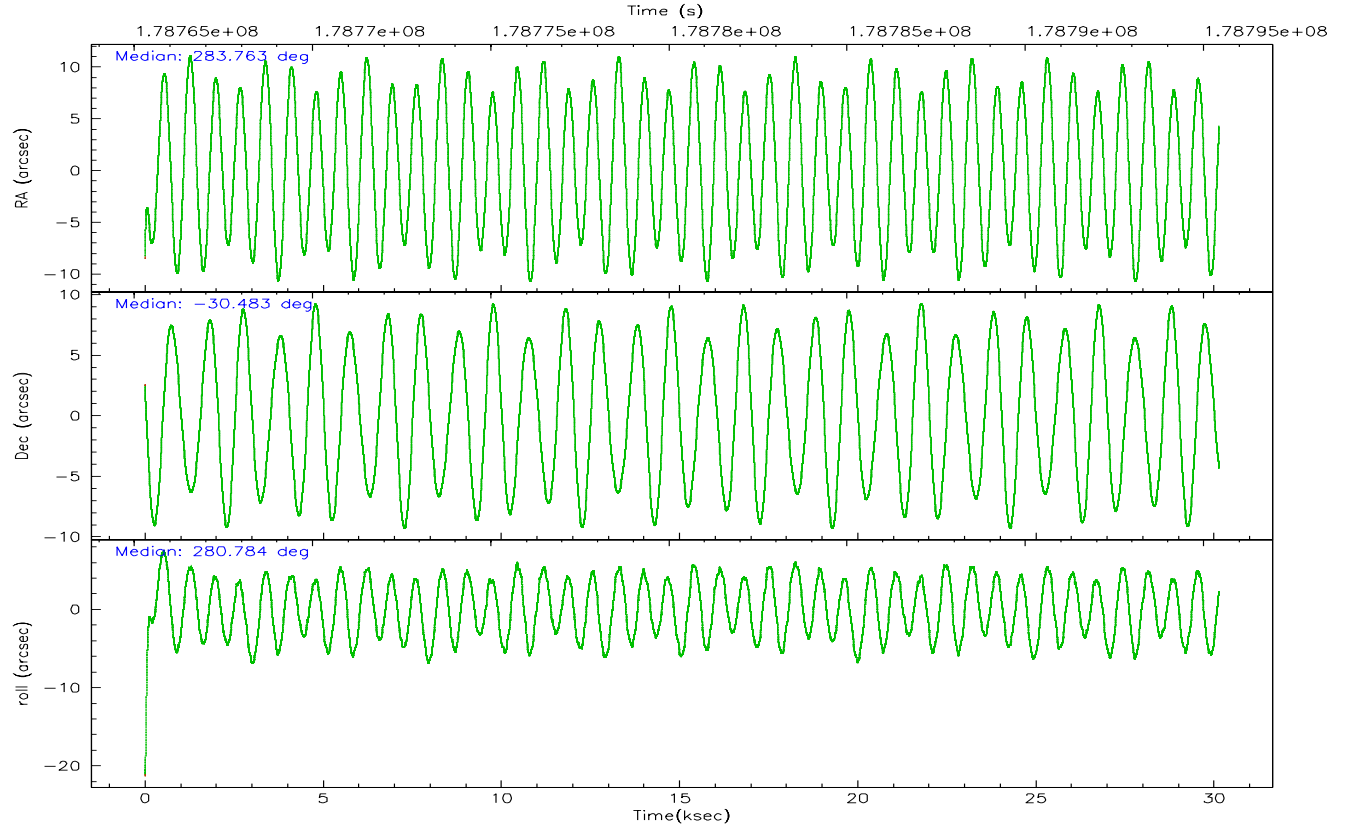
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6412	6703	6785	6700	6359	5201
	4%	4%	4%	4%	4%	3%
grade 1 events	80	69	77	79	82	89
	0%	0%	0%	0%	0%	0%
grade 2 events	3317	3230	3353	3016	3392	16654
	2%	2%	2%	2%	2%	11%
grade 3 events	1702	1905	1630	1629	1737	4306
	1%	1%	1%	1%	1%	3%
grade 4 events	1540	1870	1661	1599	1684	4207
	1%	1%	1%	1%	1%	2%
grade 5 events	4193	4677	4031	4965	5130	11428
	3%	3%	2%	3%	3%	8%
grade 6 events	2654	3031	2407	2679	3086	34820
	1%	2%	1%	1%	2%	24%
grade 7 events	115102	117895	135574	126853	132737	63587
	85%	84%	87%	85%	86%	45%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	283.741765	283.7625965511495	Alternating exposures requested	N	N
Pointing Dec	-30.462483	-30.48313586586992	Primary exposure time	0.000000	3.2
Pointing Roll	280.571684	280.7909276893575			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	178765443.184000	178764334.24311			
Observation start date	2003-09-01T01:02:59	2003-09-01T00:45:34			
Observation end time	178795443.184000	178796571.00699			
Observation end date	2003-09-01T09:22:59	2003-09-01T09:42:51			
Read mode	TIMED	TIMED			

## 2.3 Aspect





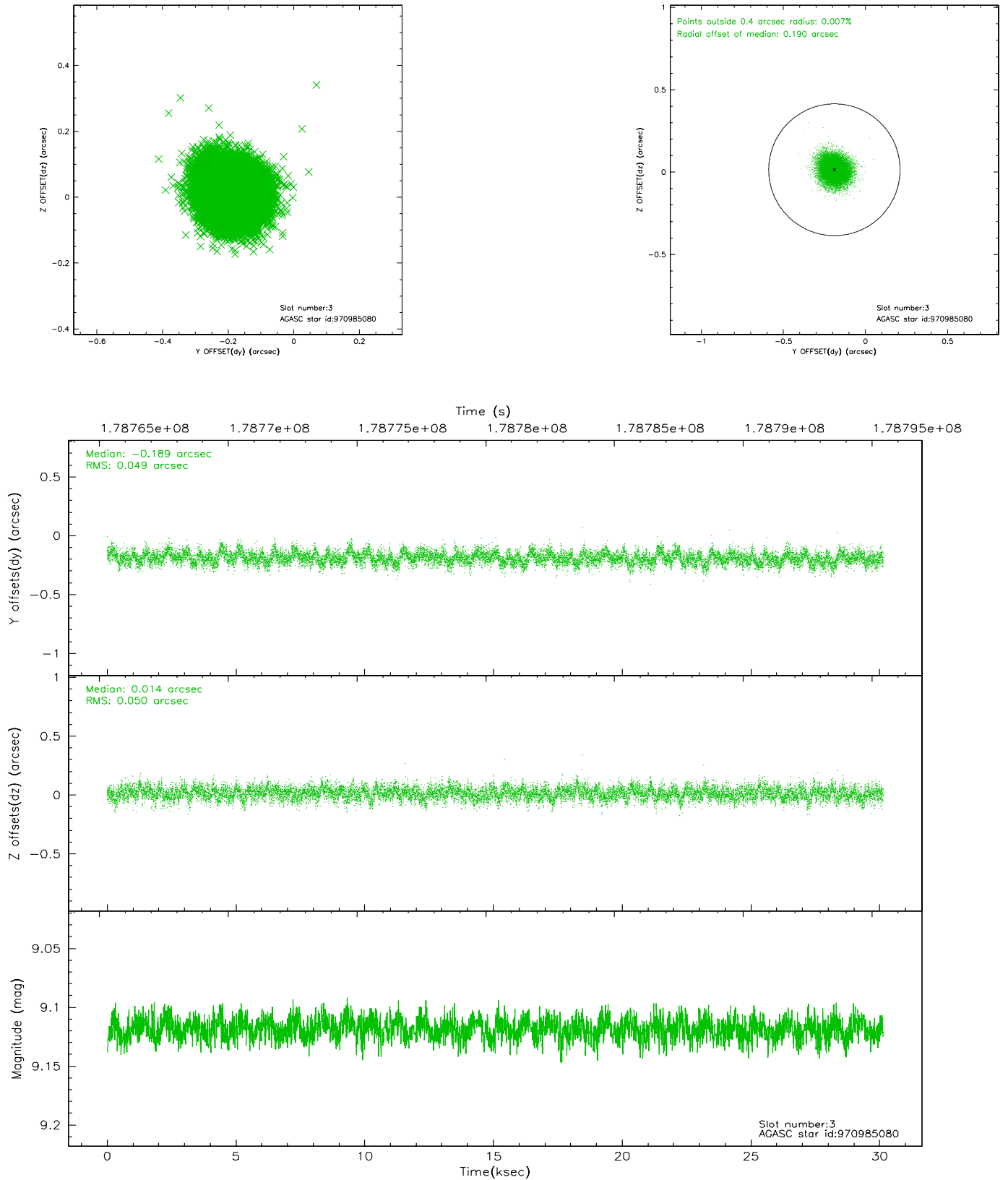
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	7353	-0.000	0.056	0.011	0.021	0.000000	0.000000	934.81	-832.42
1	FID	ACIS-I-5	7.23	7353	-0.128	0.038	0.009	0.014	0.000000	0.000000	-1813.39	1065.00
2	FID	ACIS-I-6	7.25	7353	0.038	-0.025	0.010	0.029	0.000000	0.000000	400.31	1709.54
3	GUIDE	970985080	9.12	14695	-0.189	0.014	0.075	0.120	283.424526	-30.089228	-1500.59	-725.26
4	GUIDE	970987688	9.46	14692	0.011	-0.111	0.092	0.148	283.171112	-30.972373	1486.25	-2069.13
5	GUIDE	970991792	8.76	14700	0.097	-0.175	0.095	0.149	283.106795	-30.986791	1502.27	-2273.87
6	GUIDE	971129464	7.47	14703	0.053	0.114	0.051	0.085	284.527228	-30.825039	1737.28	2146.23
7	GUIDE	971125384	8.99	14696	0.027	0.167	0.071	0.117	284.383270	-30.895533	1902.09	1661.68

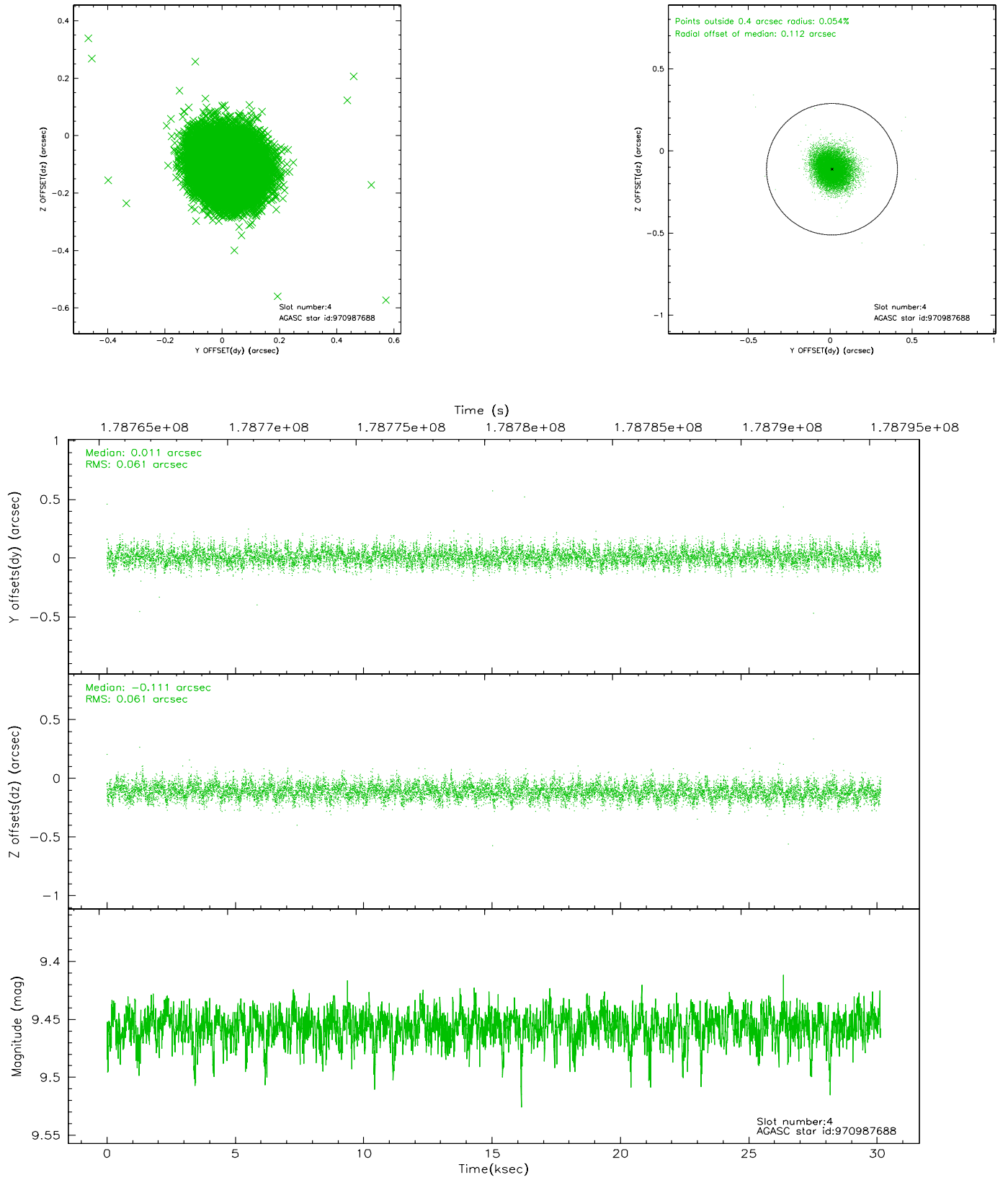


## 2.4 Star Slots

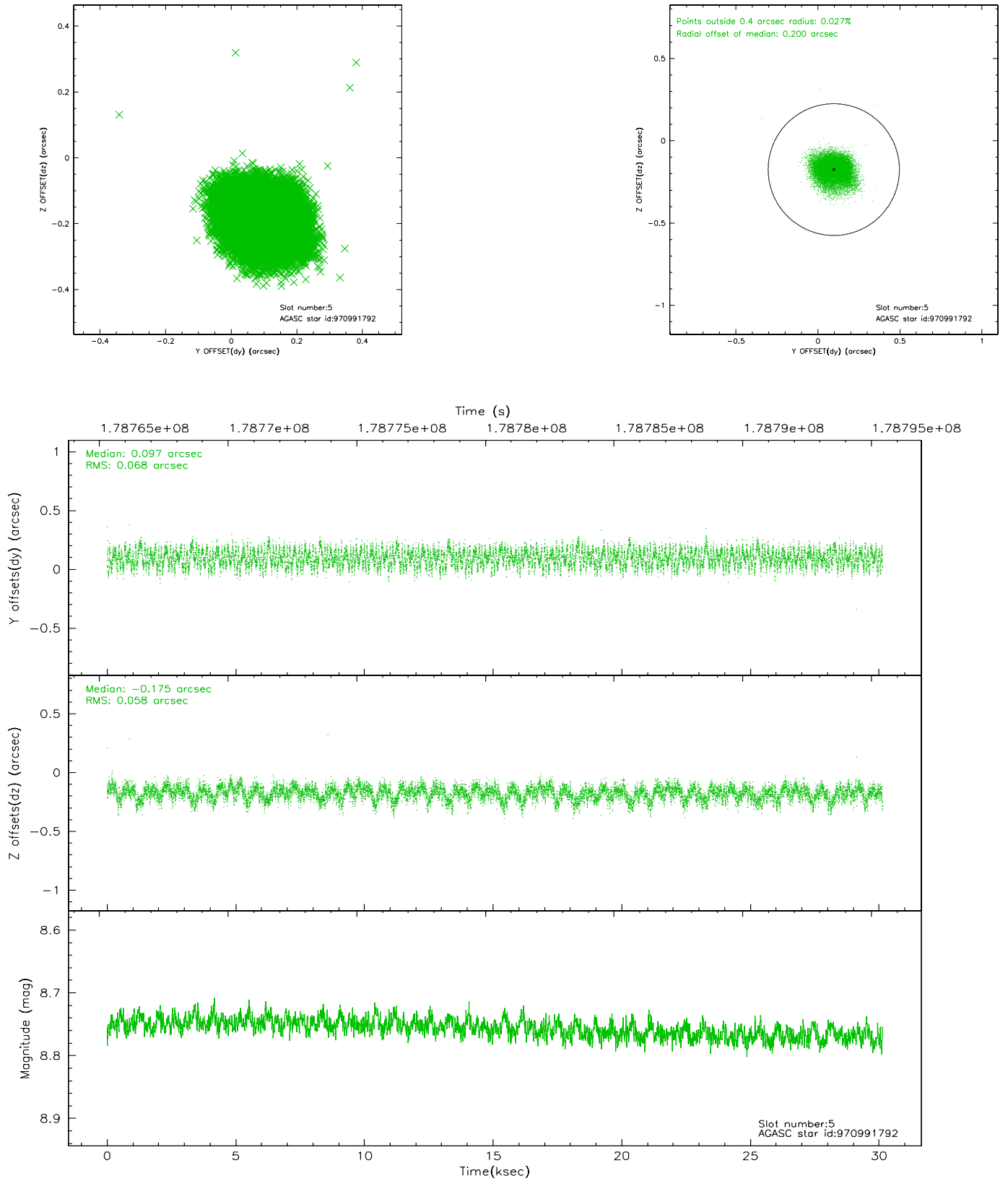
### 2.4.1 Slot 3



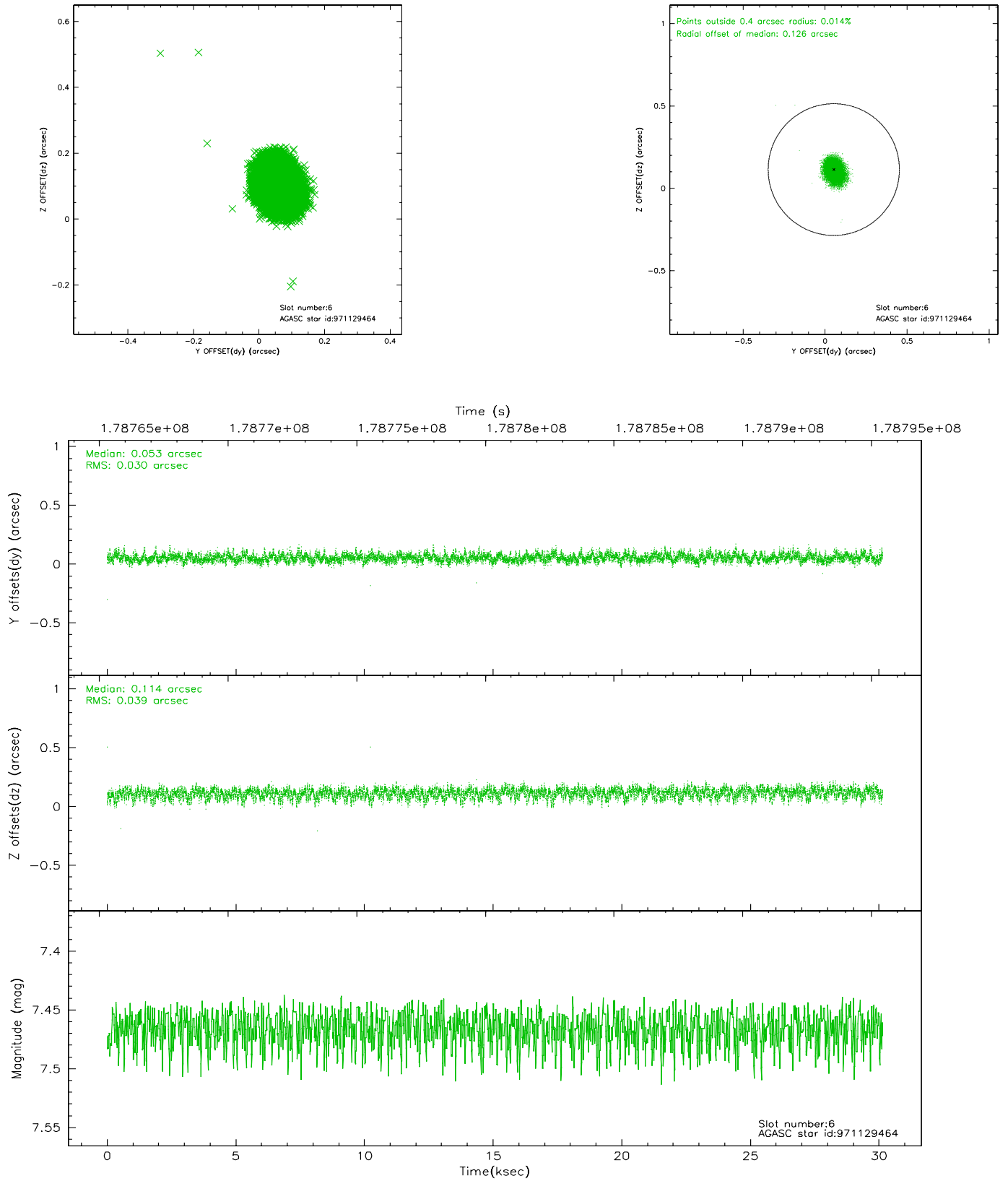
## 2.4.2 Slot 4



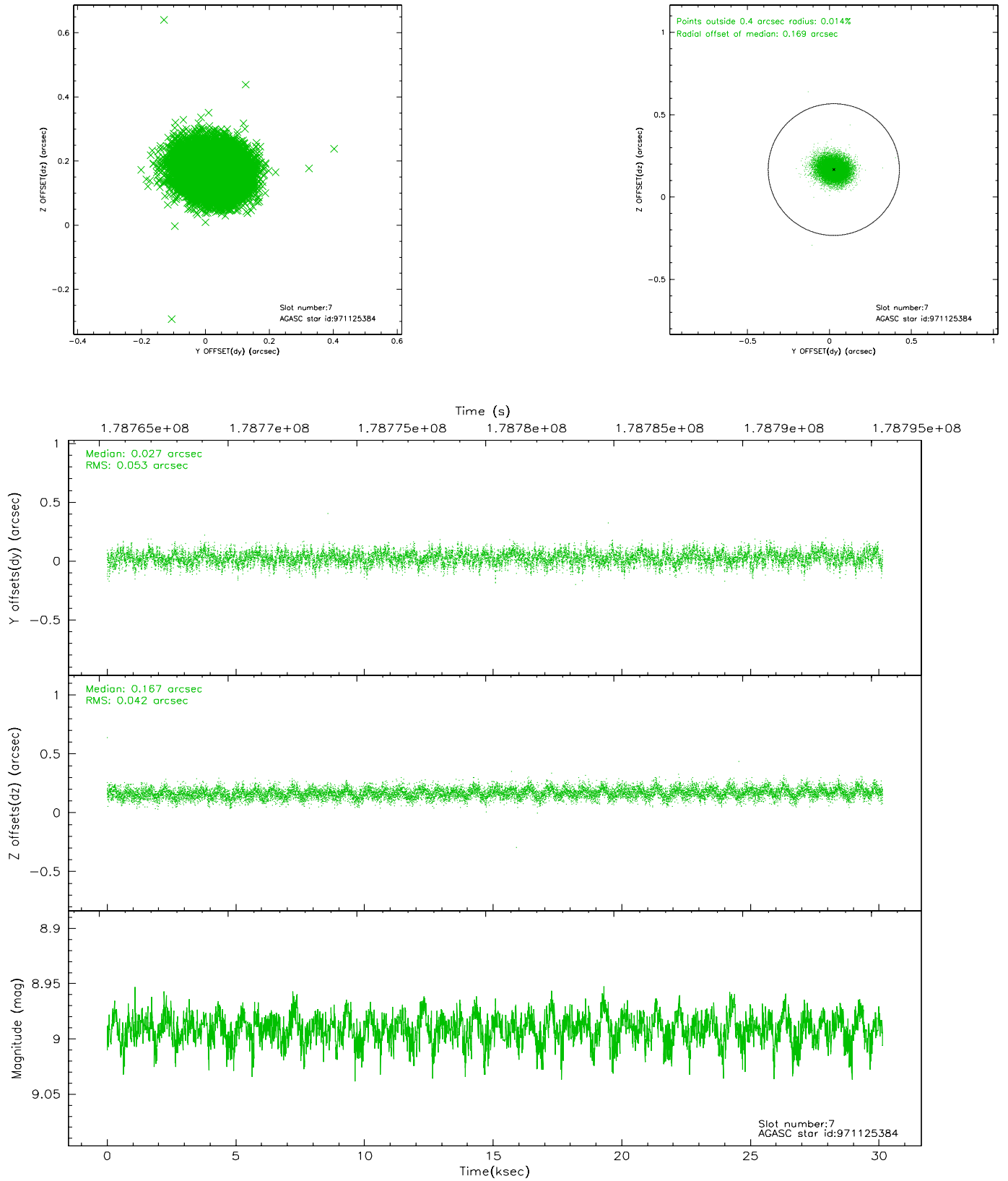
### 2.4.3 Slot 5



## 2.4.4 Slot 6

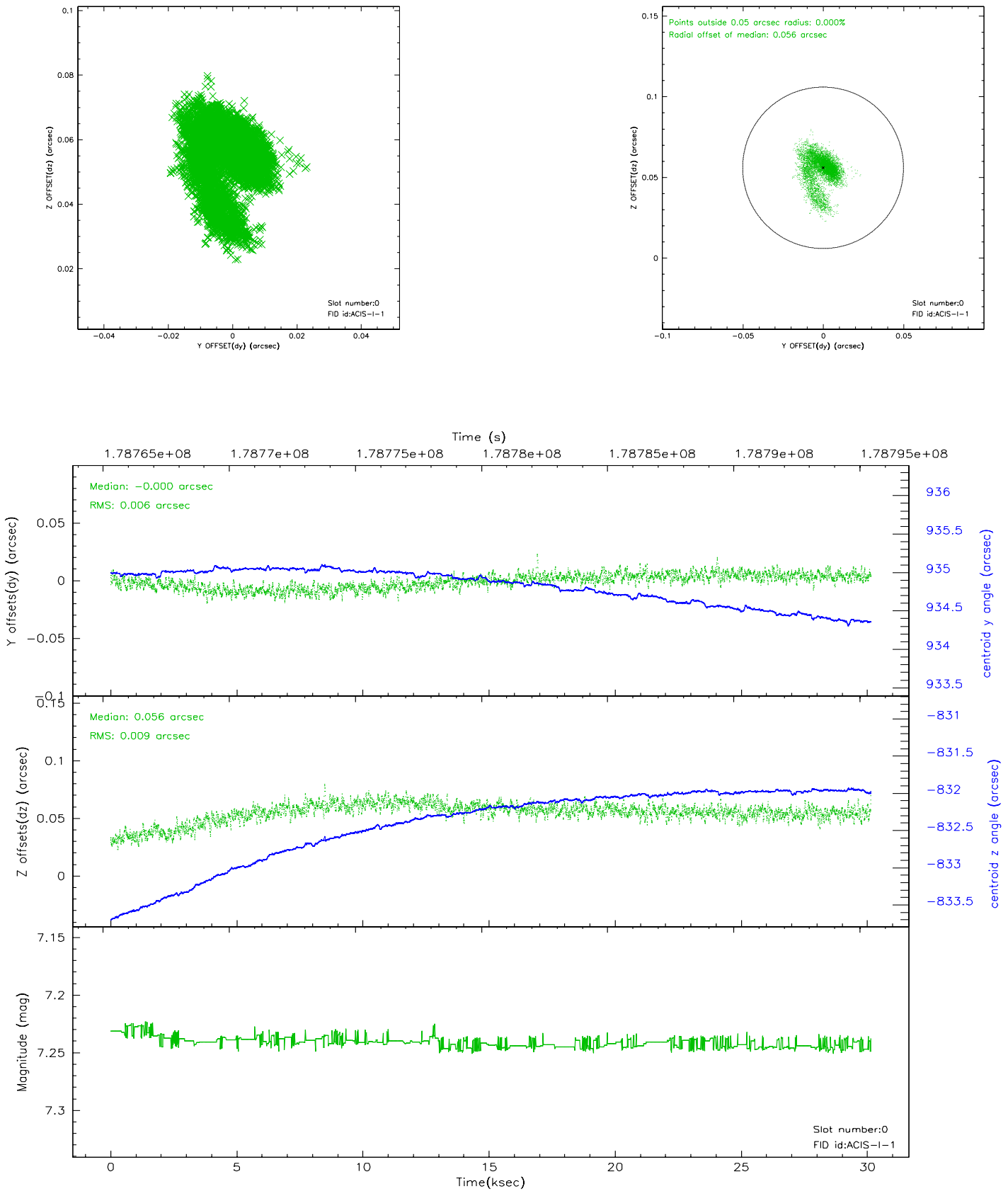


## 2.4.5 Slot 7

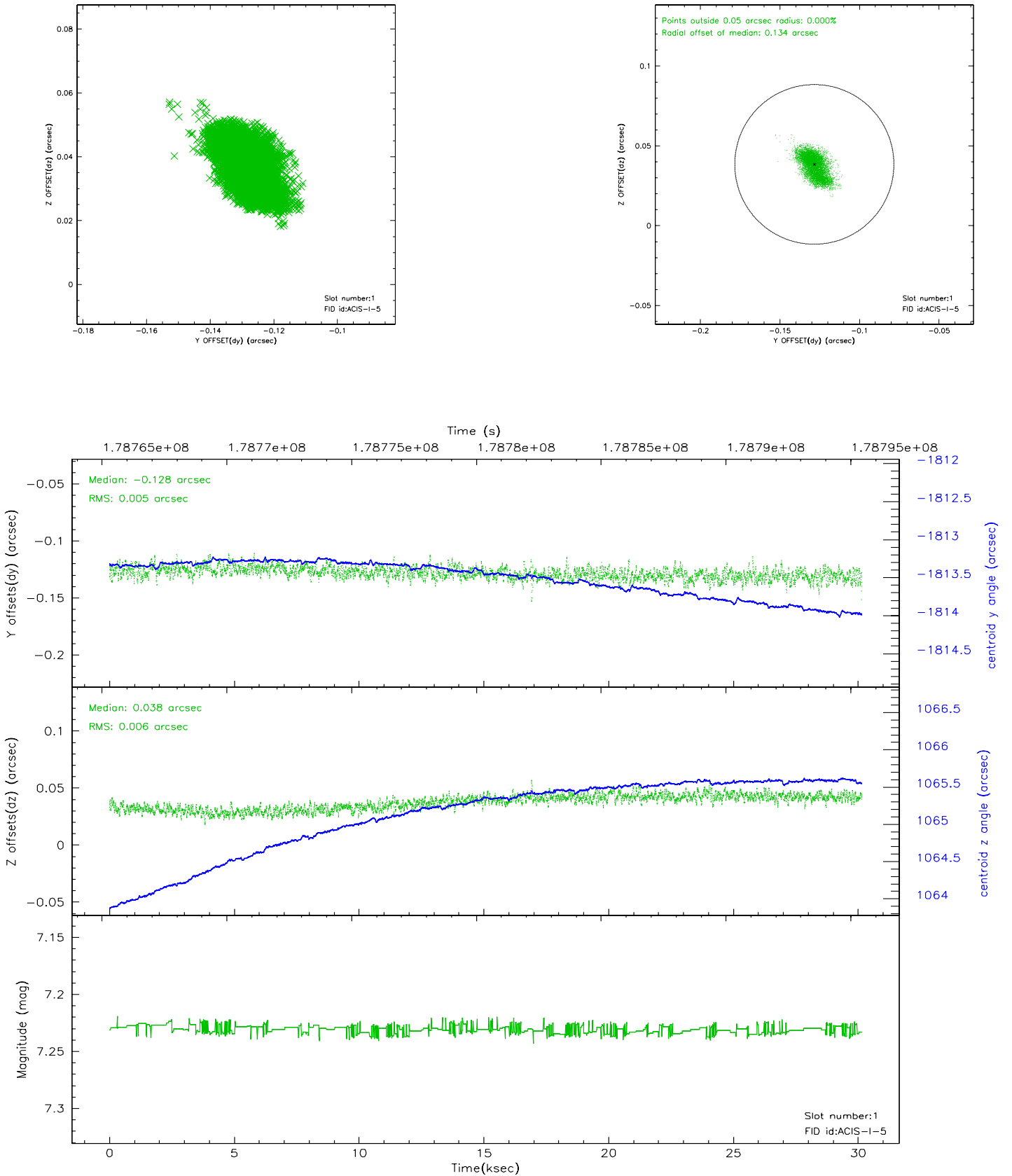


## 2.5 FID Slots

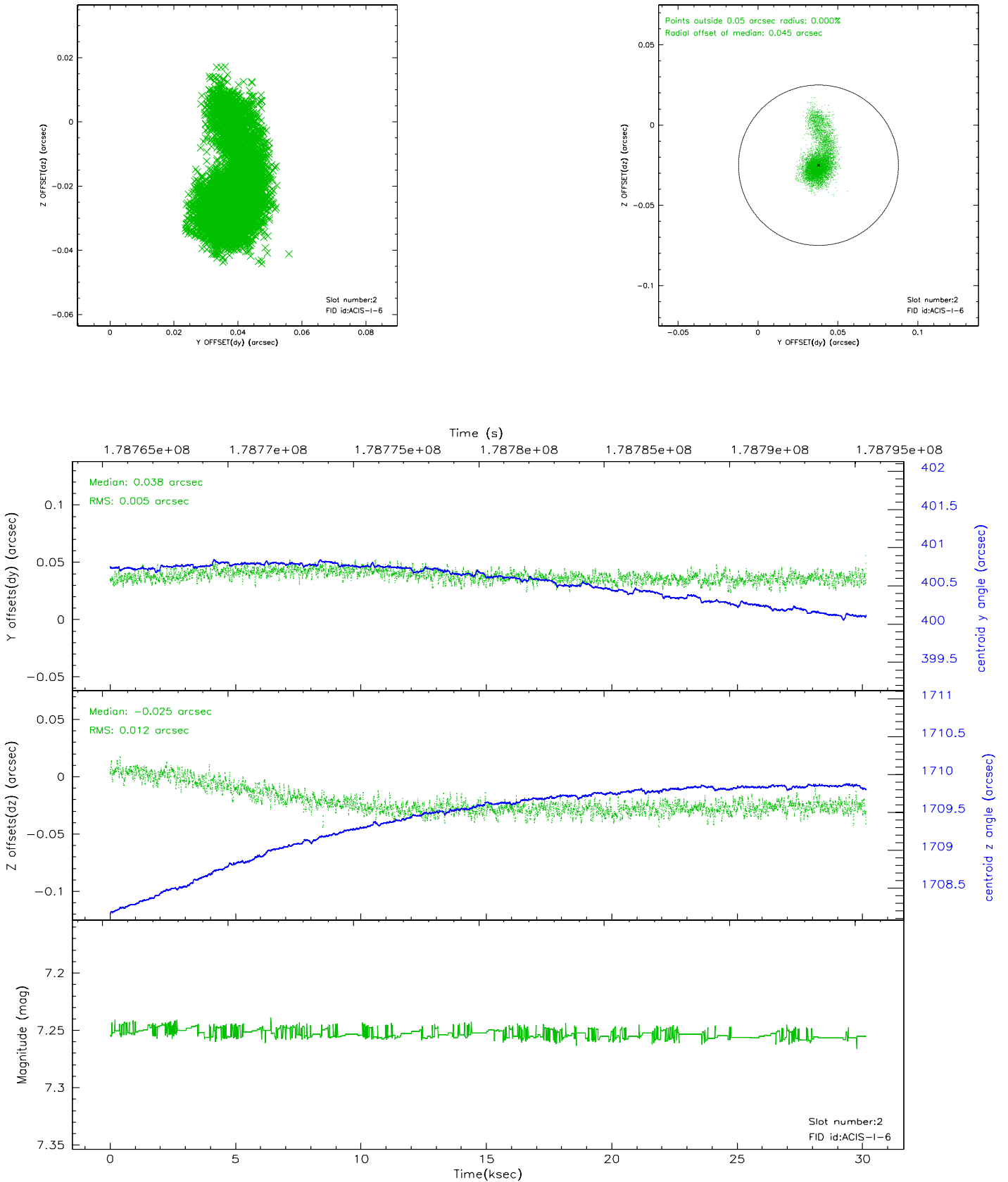
### 2.5.1 Slot 0



## 2.5.2 Slot 1

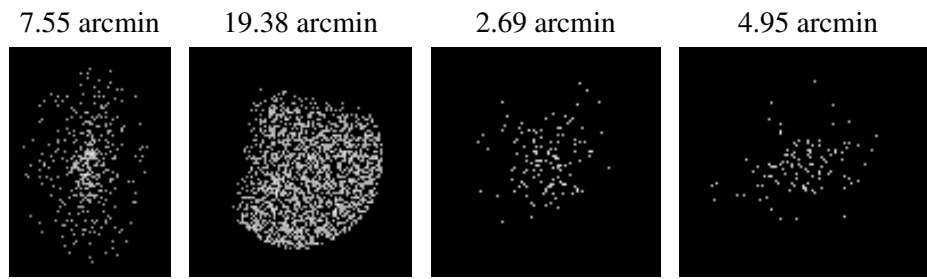


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.137

### A.2 Comments