

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 3022 - L2 Version 001  
Chandra X-Ray Center

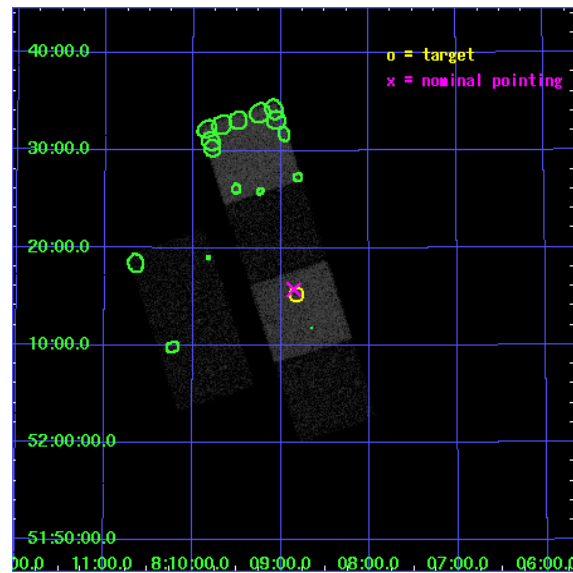
L2 Processing Date : Oct 7 2006

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# 1 Front

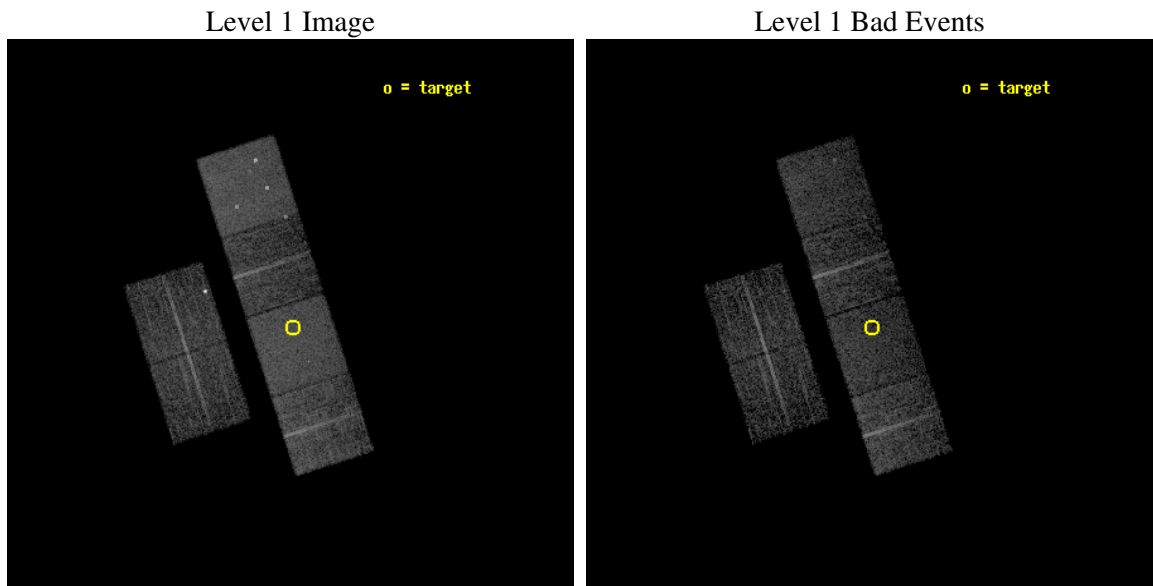
seq_num	700461
obs_id	3022
title	A SYSTEMATIC X-RAY SURVEY OF SUBMILLIMETRE-LUMINOUS QUASARS
observer	Dr Robert Priddey
object	PSS0808+5215
dtcycle	0
cycle	P
ra_targ	122.205917
dec_targ	52.25425
ra_nom	122.21324253044
dec_nom	52.262890041426
roll_nom	72.202831811239
revision	3
ontime	4956.7999815345
livetime	4894.0339955417
ontime2	4956.7999815345
ontime3	4956.7999815345
ontime5	4956.7999815345
ontime6	4956.7999815345
ontime7	4956.7999815345
ontime8	4953.559140861
l2events	60538



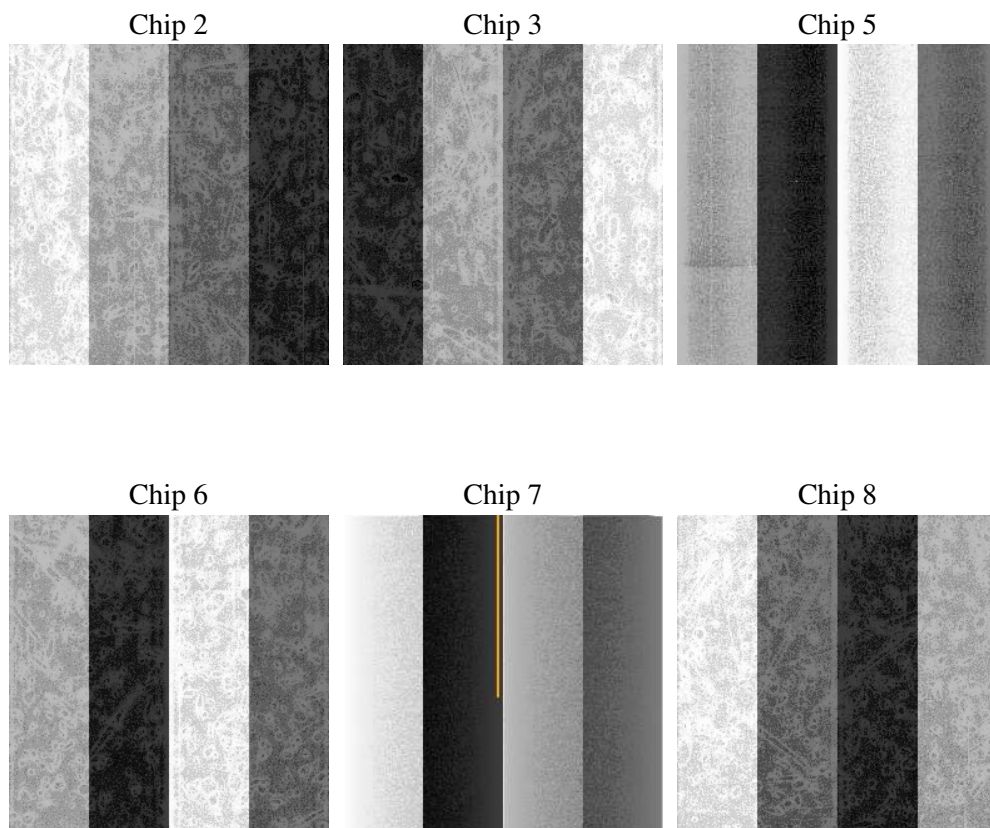
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	2
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-07T16:56:03
revision	3

sched_exp_time	5200.000000
ontime	4961.9710454047
ontime2	4961.9710454047
ontime3	4961.9710454047
ontime5	4961.9710454047
ontime6	4961.9710454047
ontime7	4961.9710454047
ontime8	4958.7301050425
l1events	243493

### 2.1.4 Events

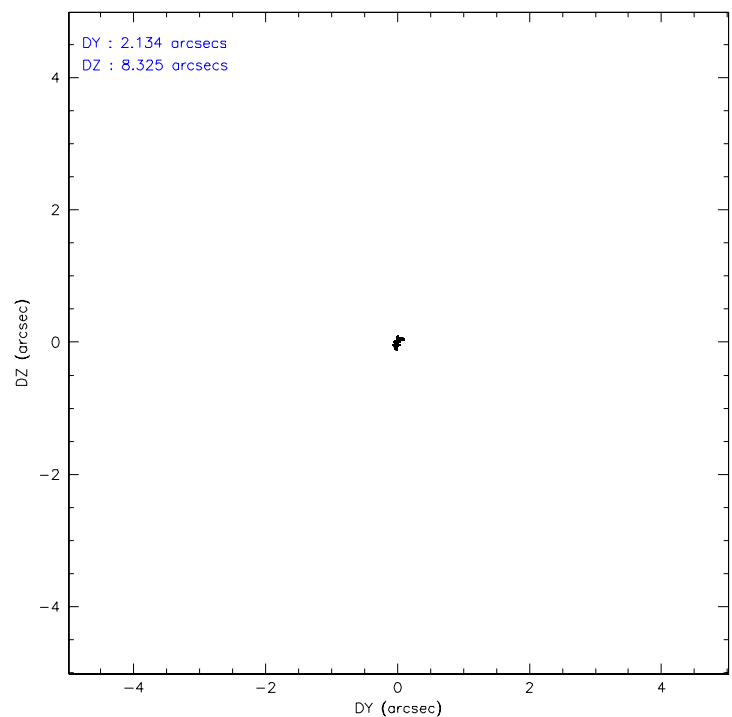
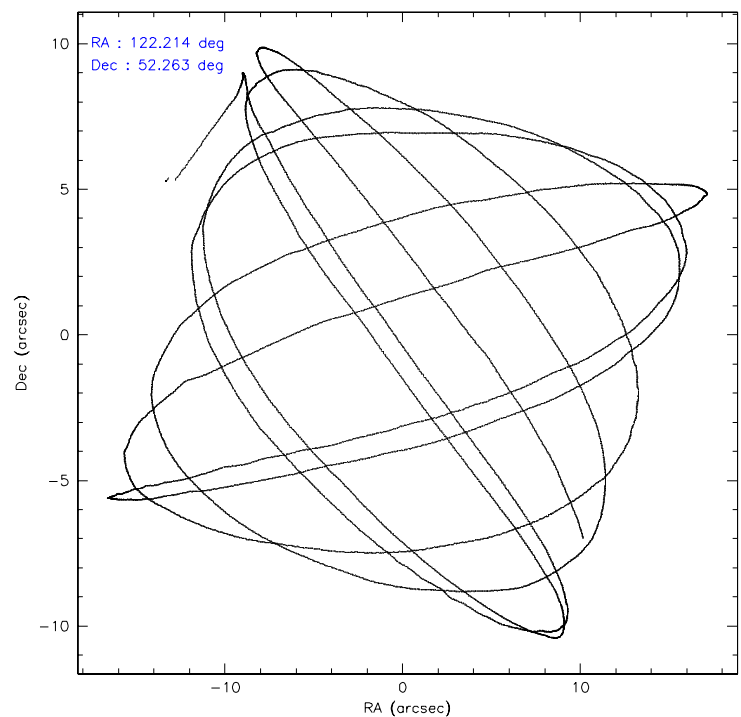
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	35265	30418	53921	32218	47511	44160
rejected events	28550	26641	26824	28238	26938	35977
rejected %	80%	87%	49%	87%	56%	81%

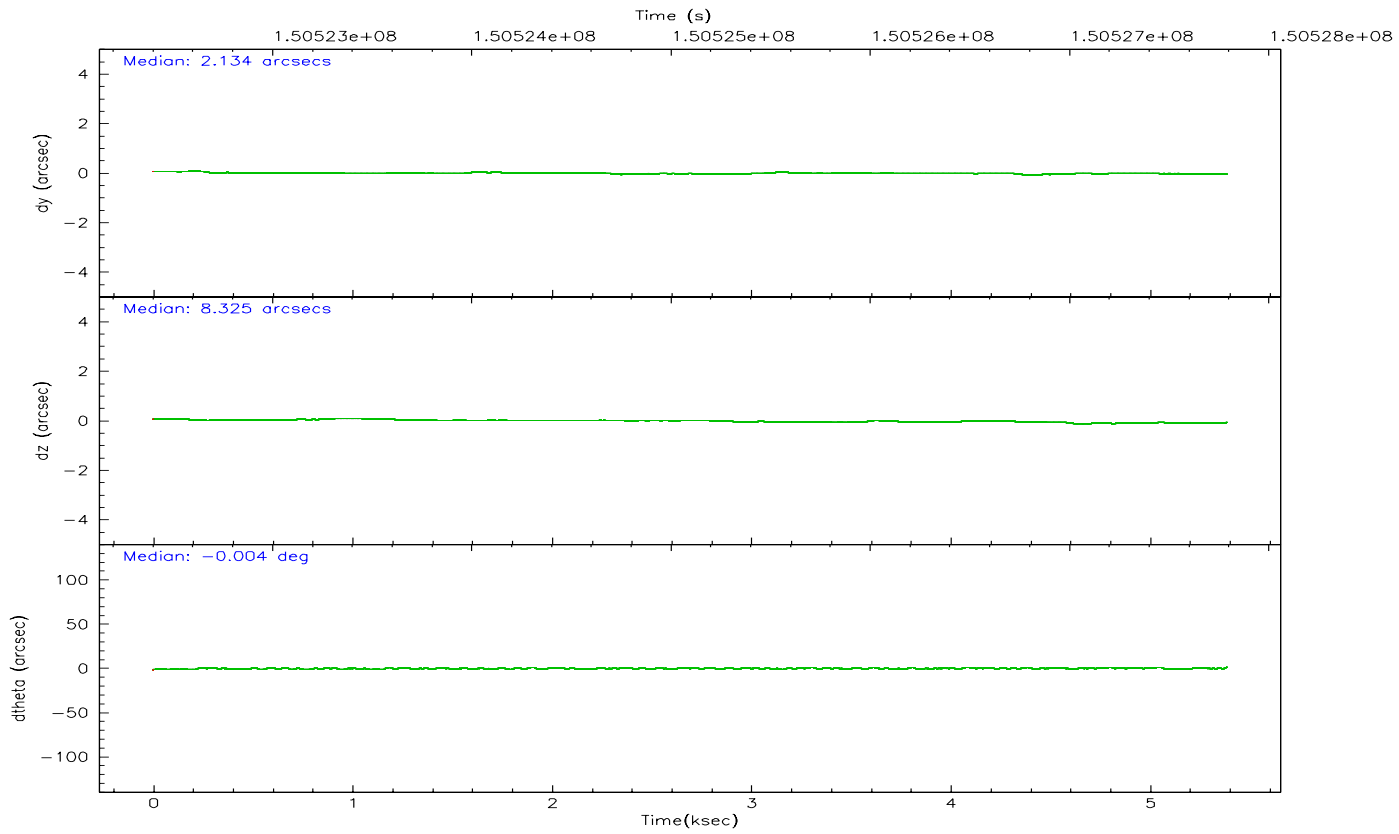
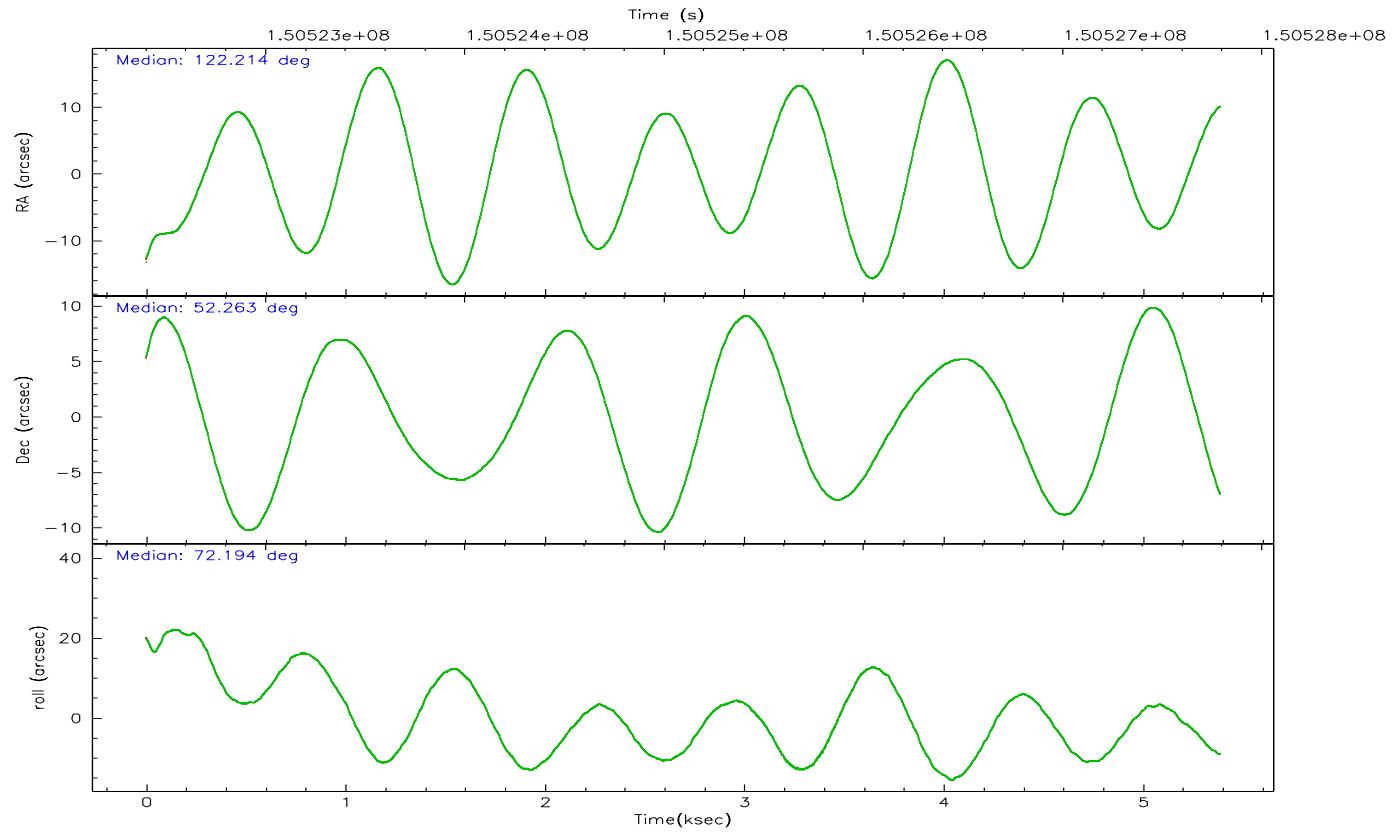
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4140	1726	3705	1681	1496	2691
	11%	5%	6%	5%	3%	6%
grade 1 events	56	21	162	19	15	35
	0%	0%	0%	0%	0%	0%
grade 2 events	1053	699	8286	767	4890	1789
	2%	2%	15%	2%	10%	4%
grade 3 events	500	346	670	387	1143	865
	1%	1%	1%	1%	2%	1%
grade 4 events	405	358	675	387	1126	806
	1%	1%	1%	1%	2%	1%
grade 5 events	1222	1341	2365	1354	2905	1787
	3%	4%	4%	4%	6%	4%
grade 6 events	622	648	13790	764	11932	2041
	1%	2%	25%	2%	25%	4%
grade 7 events	27267	25279	24268	26859	24004	34146
	77%	83%	45%	83%	50%	77%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	122.223297	122.2132425304406	Subarray requested	NONE	NONE
Pointing Dec	52.236265	52.2628900414264	Alternating exposures requested	N	N
Pointing Roll	72.038263	72.20283181123905	Primary exposure time	0.000000	3.2
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	150522584.184000	150521886.39067			
Observation start date	2002-10-09T03:48:40	2002-10-09T03:38:06			
Observation end time	150527784.184000	150528301.35344			
Observation end date	2002-10-09T05:15:20	2002-10-09T05:25:01			
Read mode	TIMED	TIMED			

## 2.3 Aspect





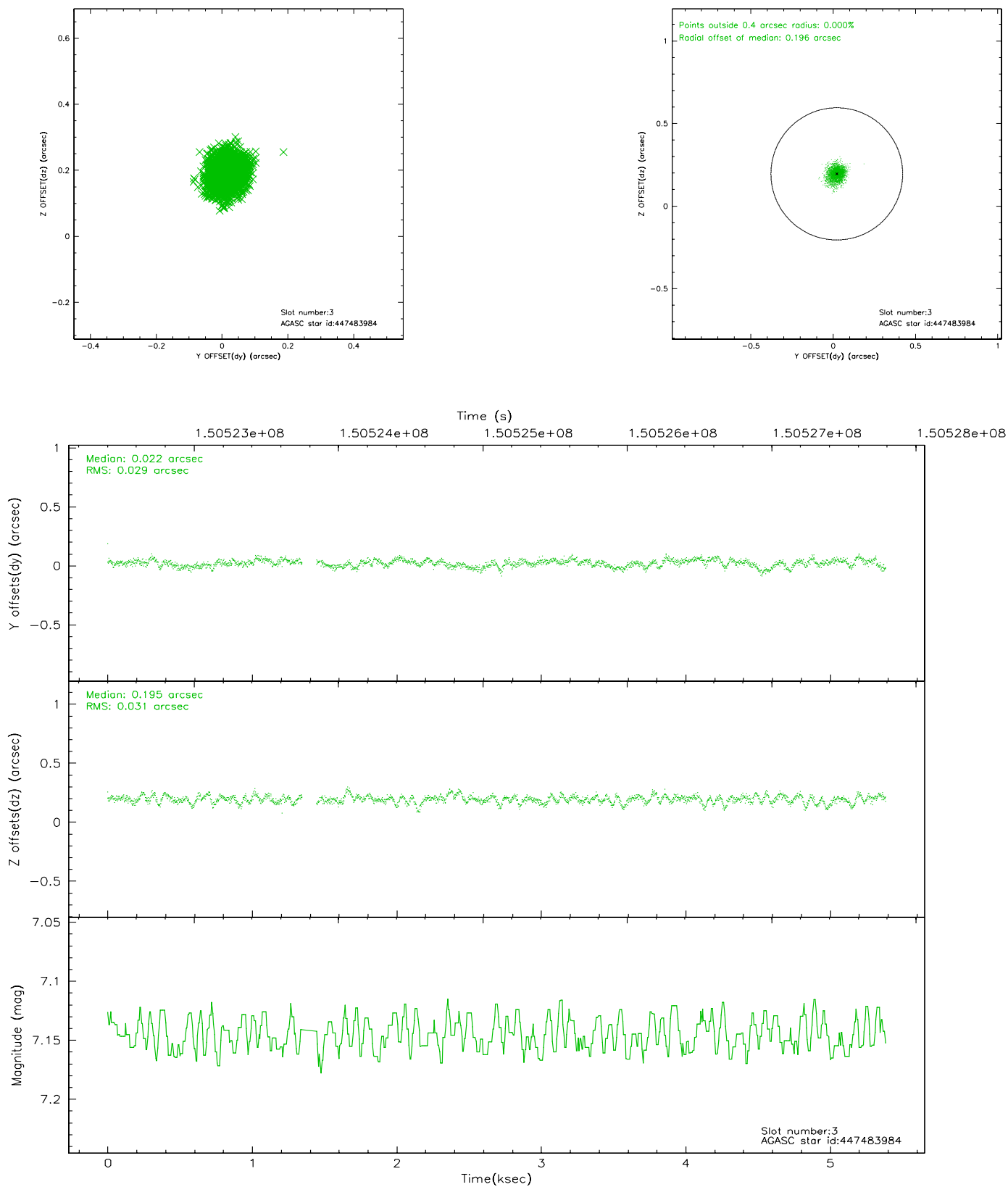
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1315	-0.014	0.012	0.006	0.010	0.000000	0.000000	-754.78	-1729.50
1	FID	ACIS-S-4	7.20	1315	-0.047	0.004	0.005	0.008	0.000000	0.000000	2157.98	177.80
2	FID	ACIS-S-5	7.24	1315	0.029	-0.006	0.006	0.010	0.000000	0.000000	-1806.12	172.76
3	GUIDE	447483984	7.15	2577	0.022	0.195	0.045	0.076	122.956456	51.769020	-1089.30	-2069.34
4	GUIDE	447485472	7.69	2629	-0.027	0.144	0.059	0.092	122.828208	52.028768	-293.23	-1503.37
5	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
6	GUIDE	447481144	8.86	2629	0.016	-0.277	0.071	0.117	121.225066	52.159513	-929.56	2016.05
7	GUIDE	447479952	8.83	2628	-0.004	-0.054	0.059	0.095	121.892777	52.270262	-107.97	732.13

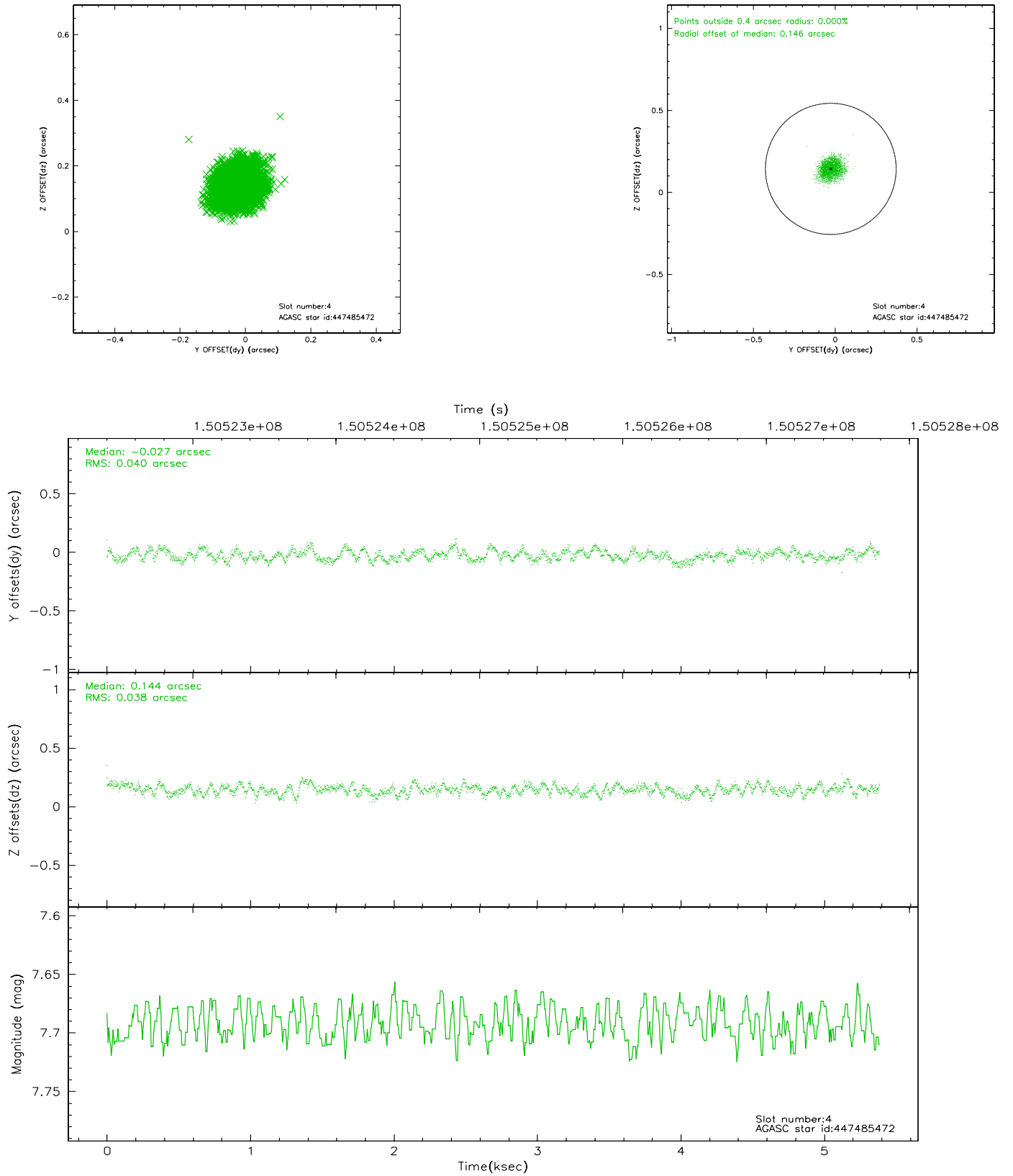


## 2.4 Star Slots

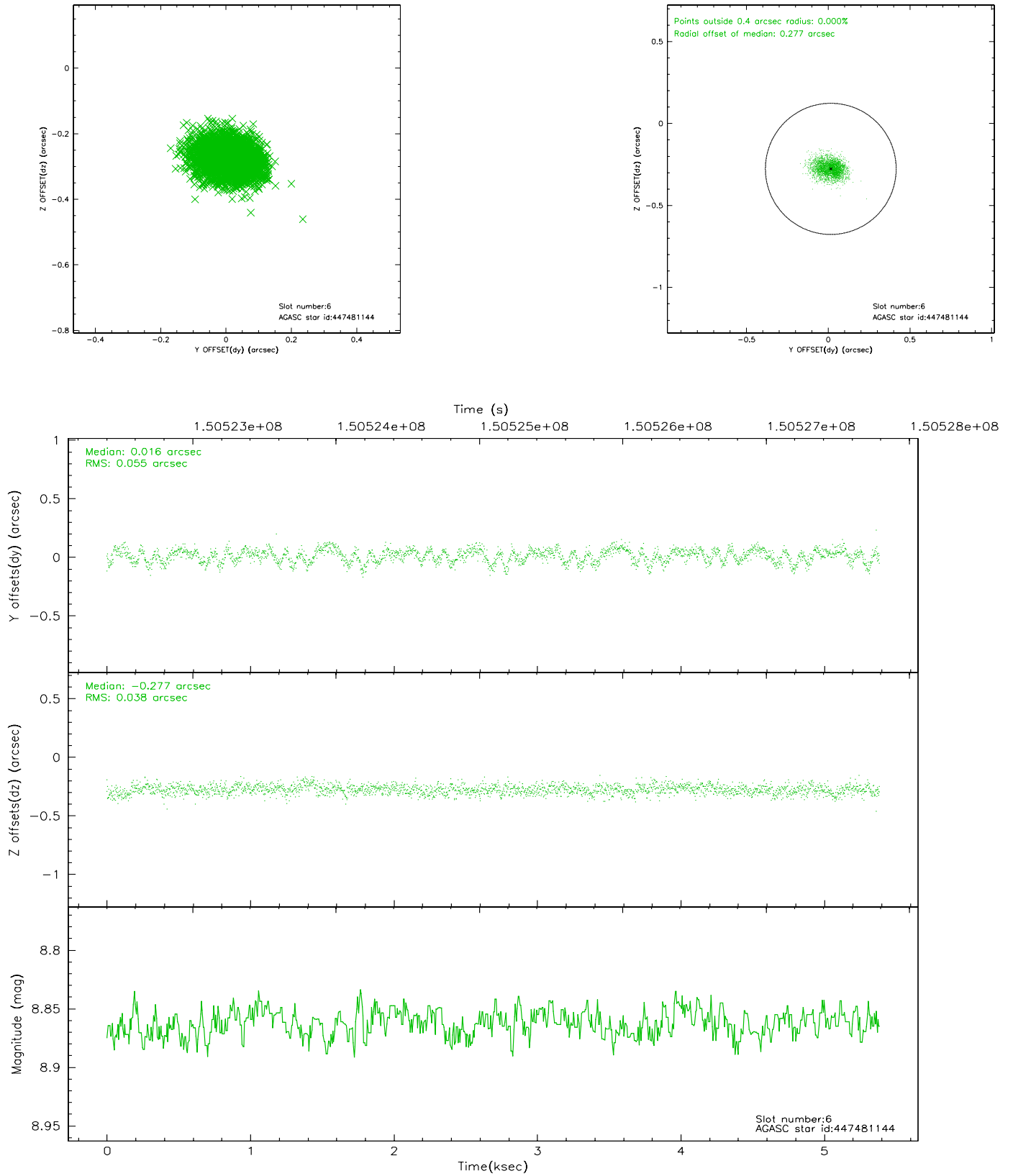
### 2.4.1 Slot 3



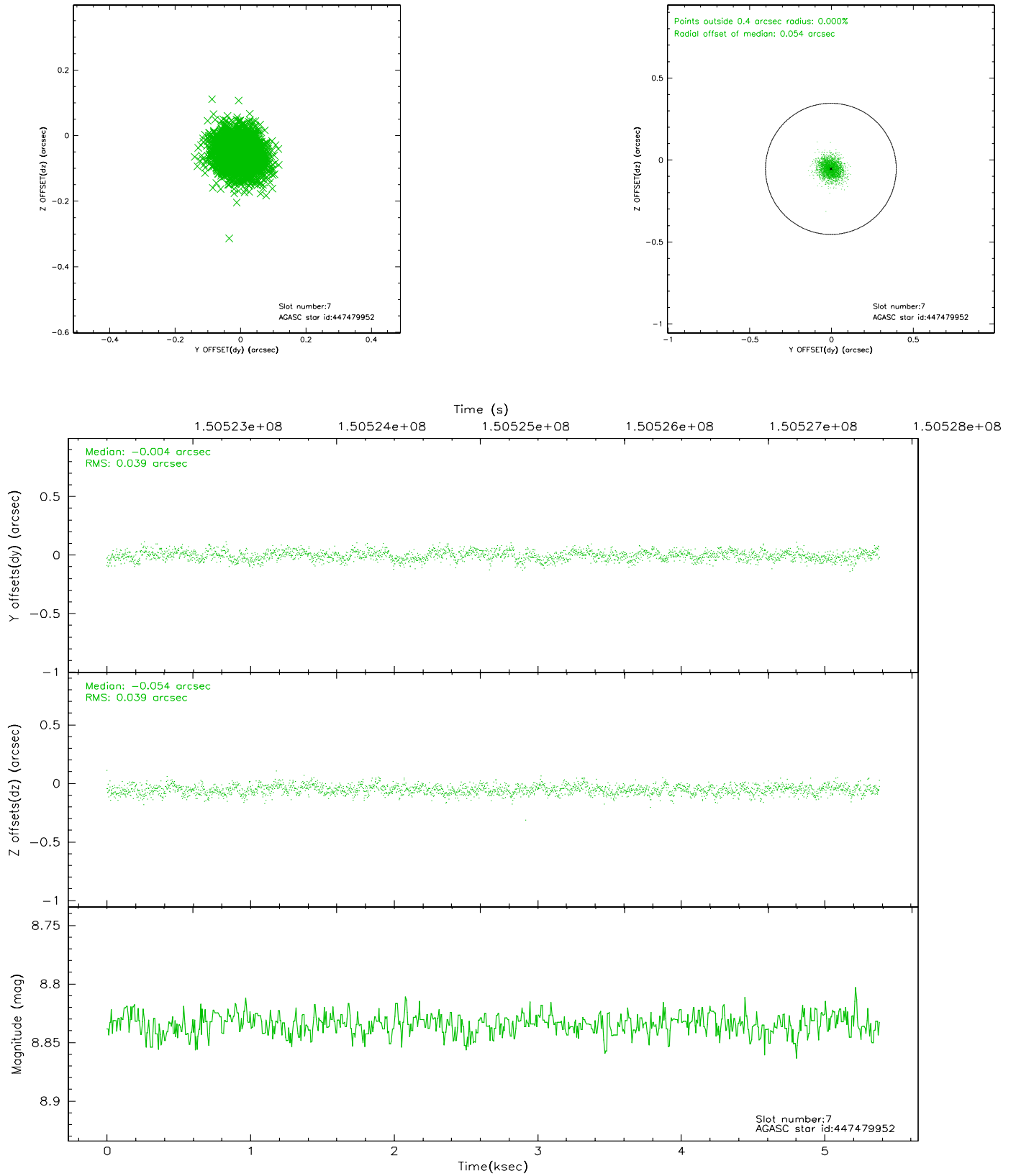
## 2.4.2 Slot 4



### 2.4.3 Slot 6

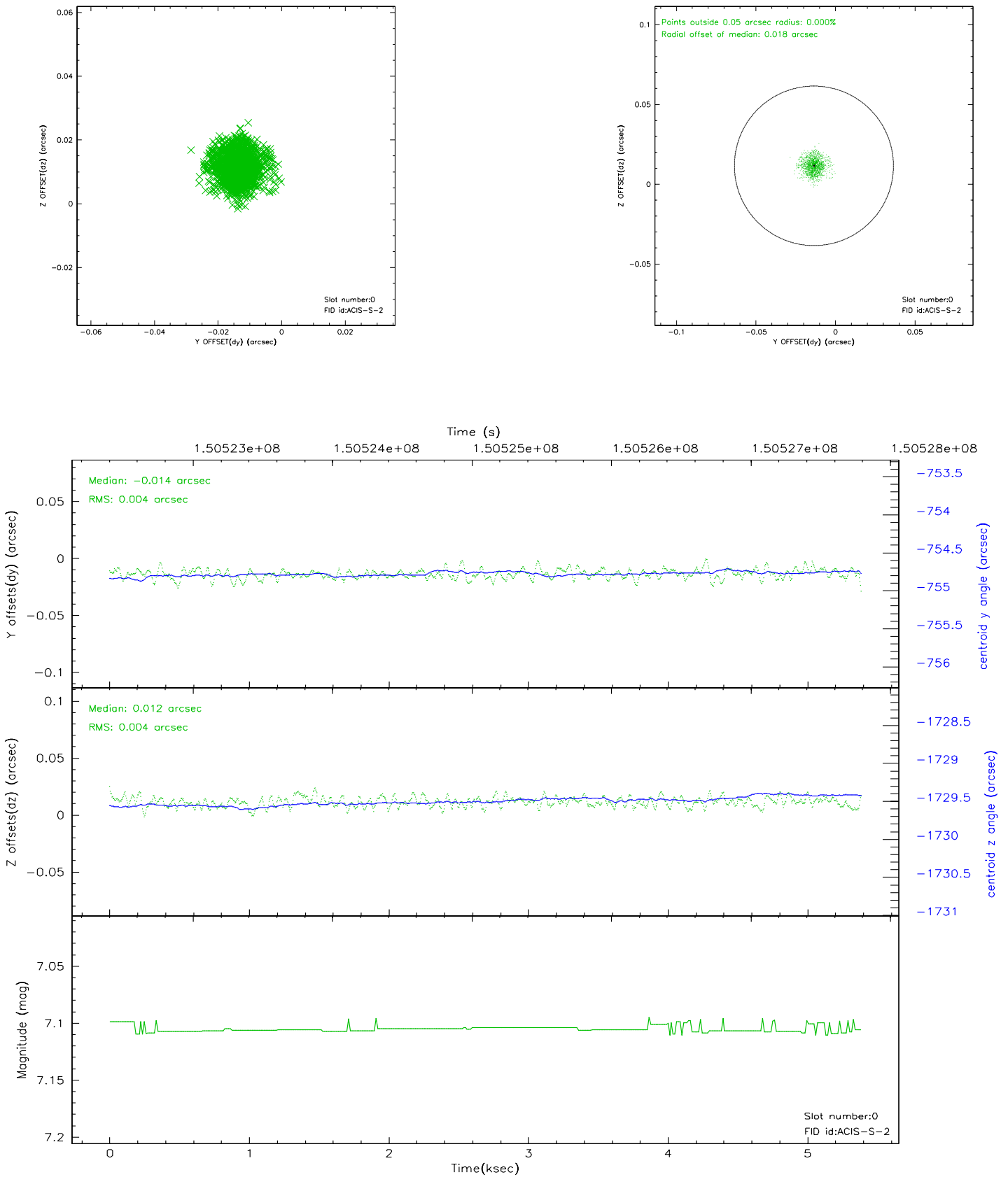


## 2.4.4 Slot 7

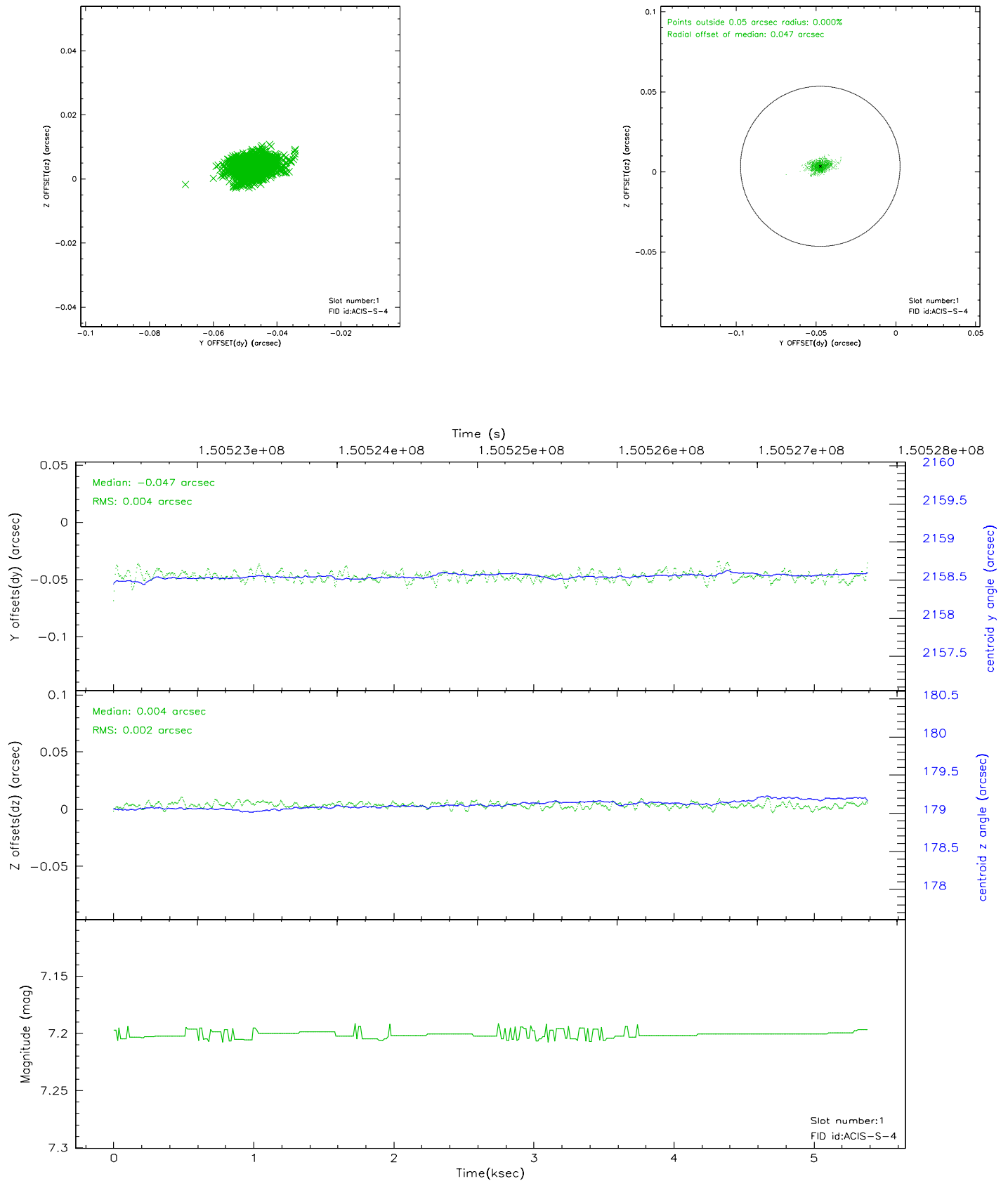


## 2.5 FID Slots

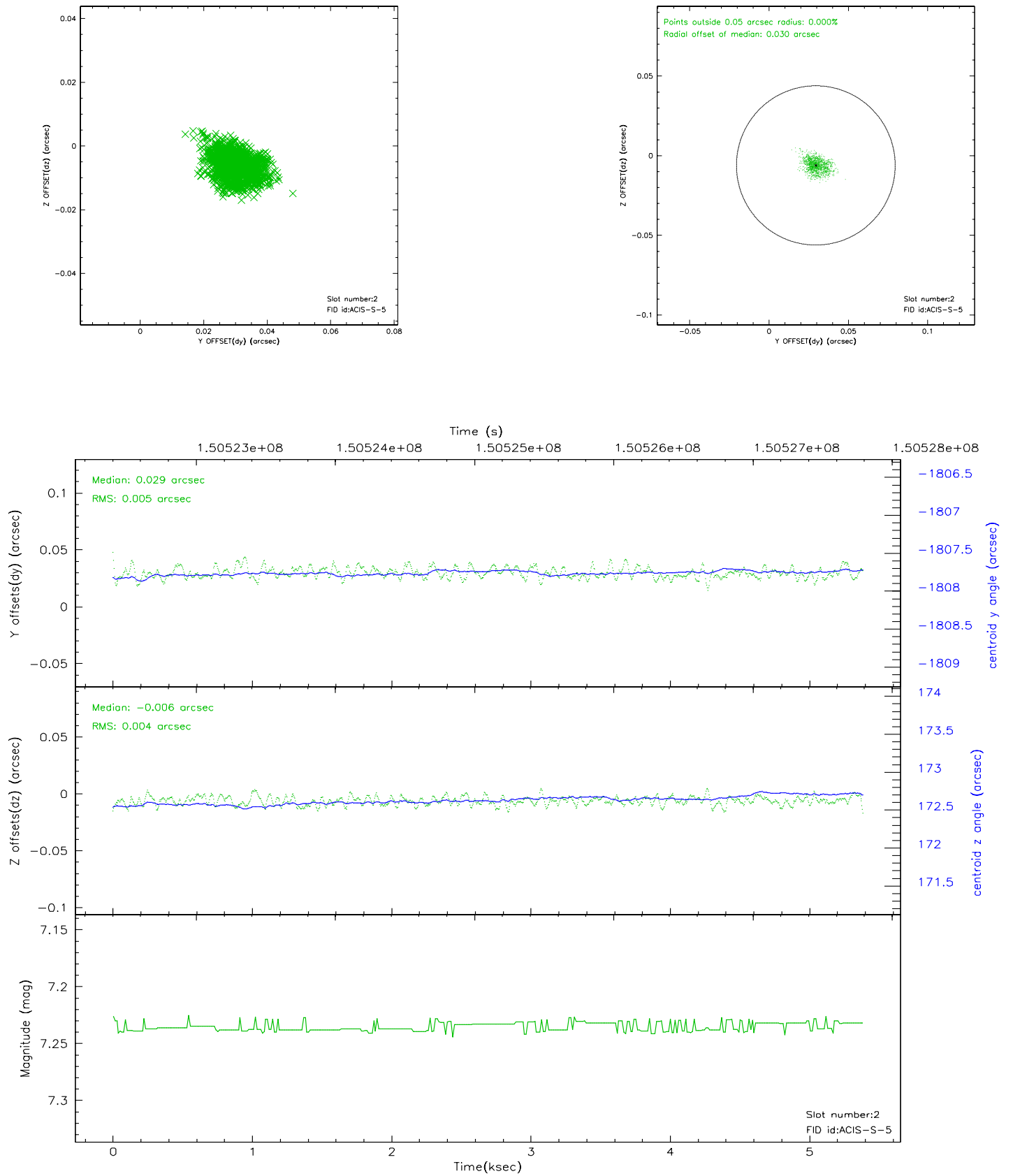
### 2.5.1 Slot 0



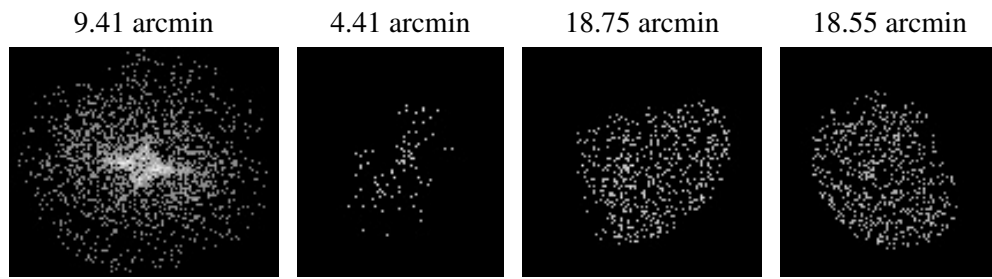
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources





# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	4.956

## A.2 Comments

The star in slot 5 was manually excluded from the processing due to poor data quality.