

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 4586 - L2 Version 001  
Chandra X-Ray Center

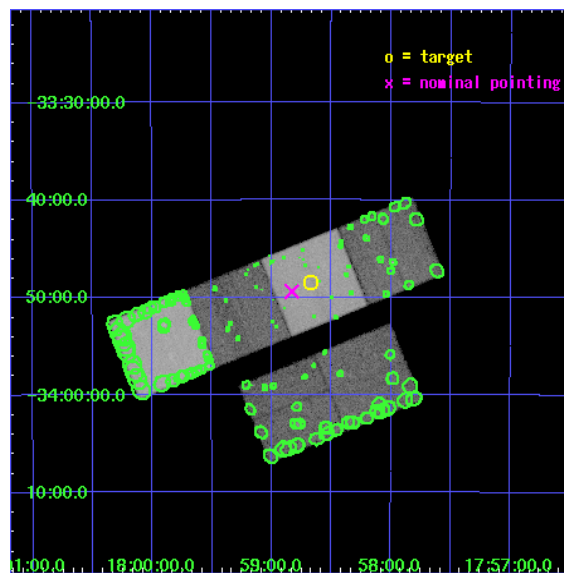
L2 Processing Date : May 23 2006

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# 1 Front

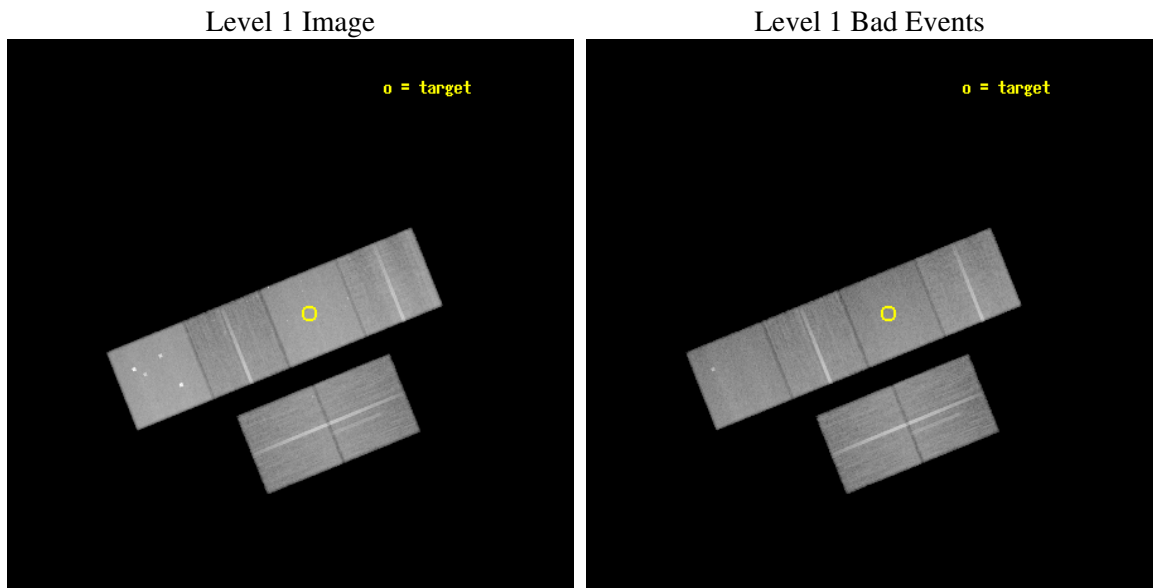
seq_num	400368
obs_id	4586
title	The Evolution of the fossil Jets associated with 4U1755-33
observer	Dr Lorella Angelini
object	4U1755-33
dtcycle	0
cycle	P
ra_targ	269.666667
dec_targ	-33.8075
ra_nom	269.70752433043
dec_nom	-33.823141182964
roll_nom	337.98532986554
revision	2
ontime	44956.799832523
livetime	44387.529763309
ontime2	44956.799832523
ontime3	44953.558832318
ontime5	44956.799832523
ontime6	44956.799832523
ontime7	44956.799832523
ontime8	44956.799832523
l2events	541266



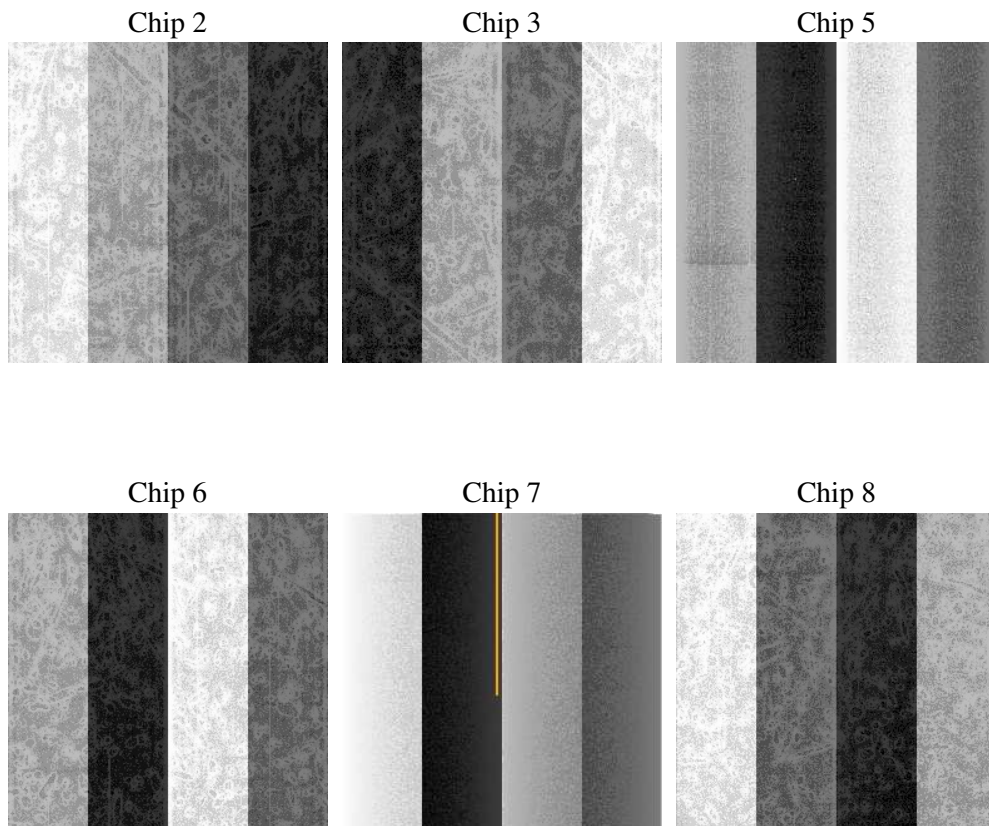
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-23T19:14:03
revision	2

sched_exp_time	45000.000000
ontime	44962.512291968
ontime2	44962.51227206
ontime3	44959.271291763
ontime5	44962.512291968
ontime6	44962.51227206
ontime7	44962.512291968
ontime8	44962.512291968
l1events	2390172

### 2.1.4 Events

	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	342537	324797	505855	340363	456538	420082
rejected events	299731	283131	275193	296239	277069	327237
rejected %	87%	87%	54%	87%	60%	77%

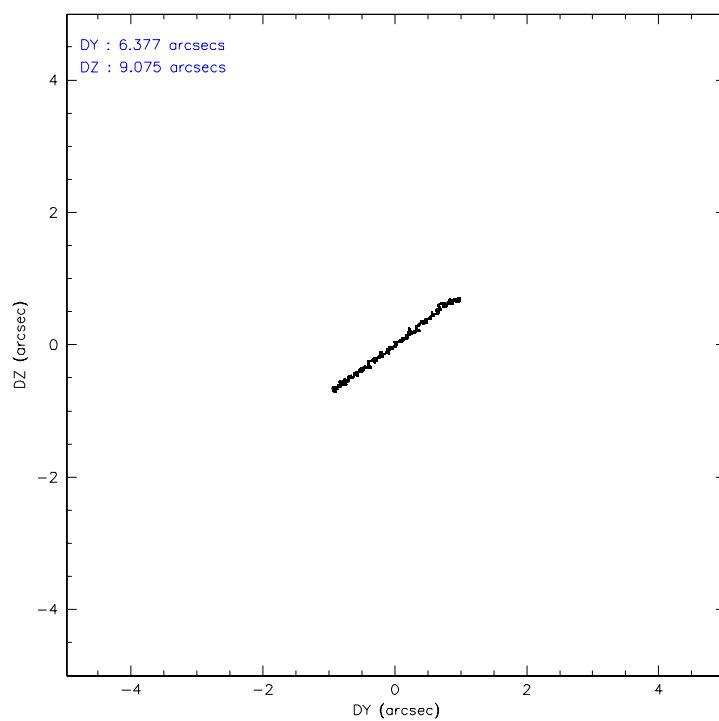
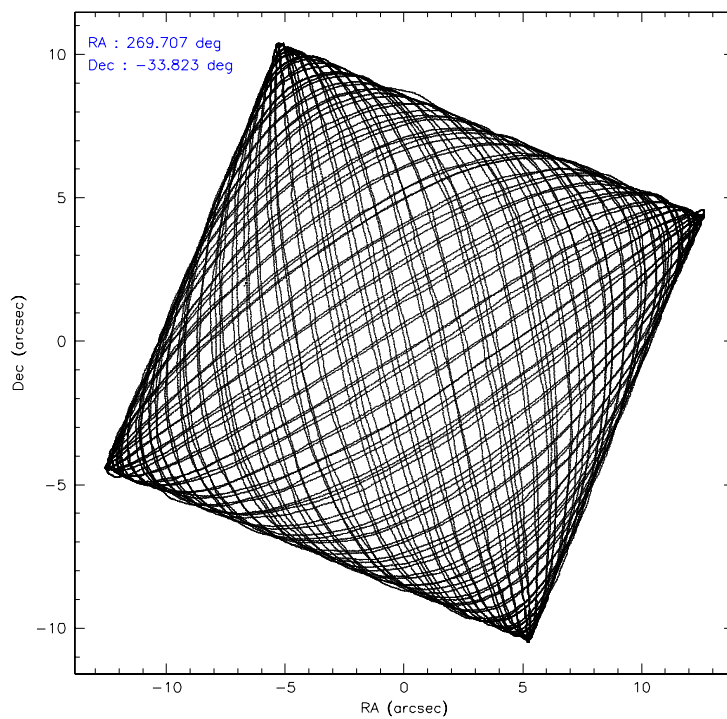
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	20493	20103	26287	19851	12354	32305
	5%	6%	5%	5%	2%	7%
grade 1 events	221	192	1571	166	262	302
	0%	0%	0%	0%	0%	0%
grade 2 events	8364	7460	68930	8480	44904	19621
	2%	2%	13%	2%	9%	4%
grade 3 events	3892	3667	5219	3929	9784	9395
	1%	1%	1%	1%	2%	2%
grade 4 events	3621	3834	5153	3887	9314	8818
	1%	1%	1%	1%	2%	2%
grade 5 events	13192	14292	23706	15486	30120	19760
	3%	4%	4%	4%	6%	4%
grade 6 events	6442	6610	125111	7982	103150	22746
	1%	2%	24%	2%	22%	5%
grade 7 events	286312	268639	249878	280582	246650	307135
	83%	82%	49%	82%	54%	73%

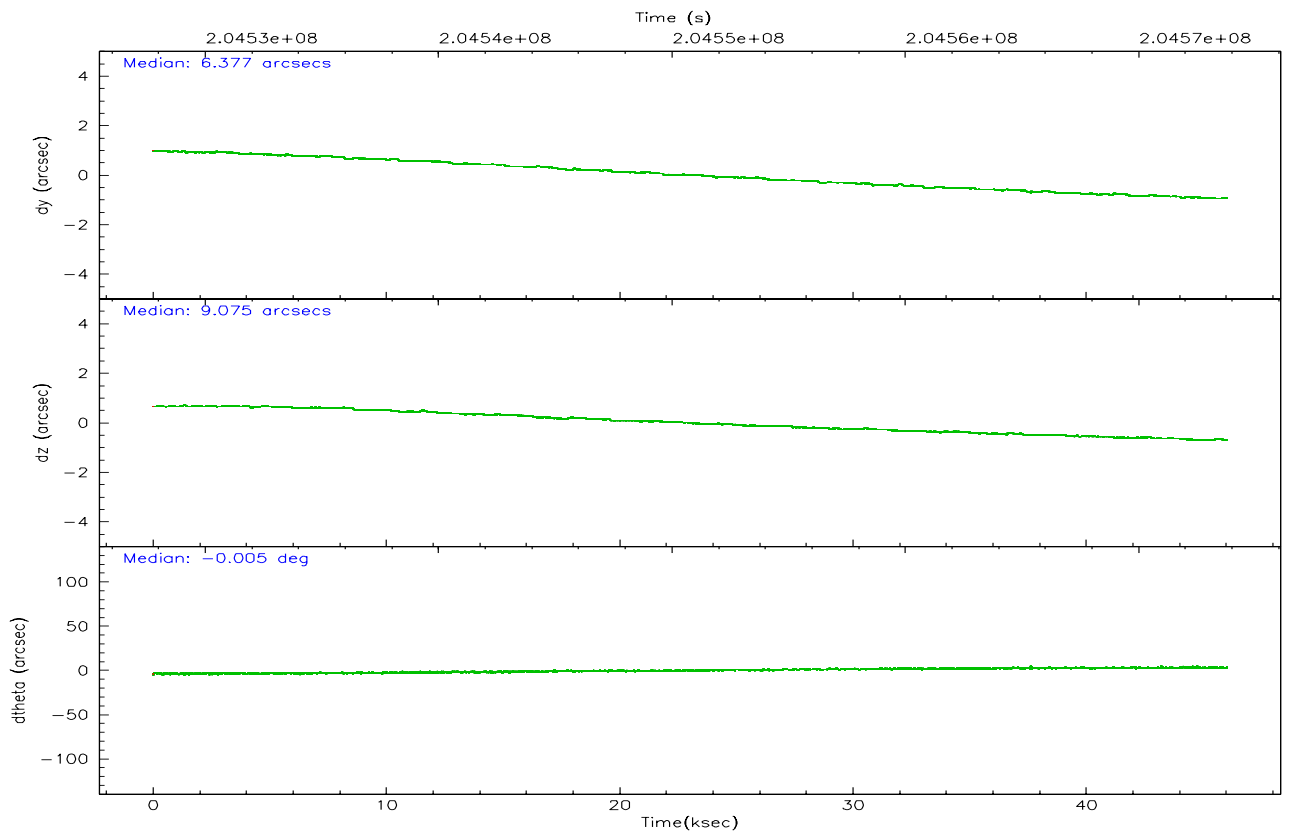
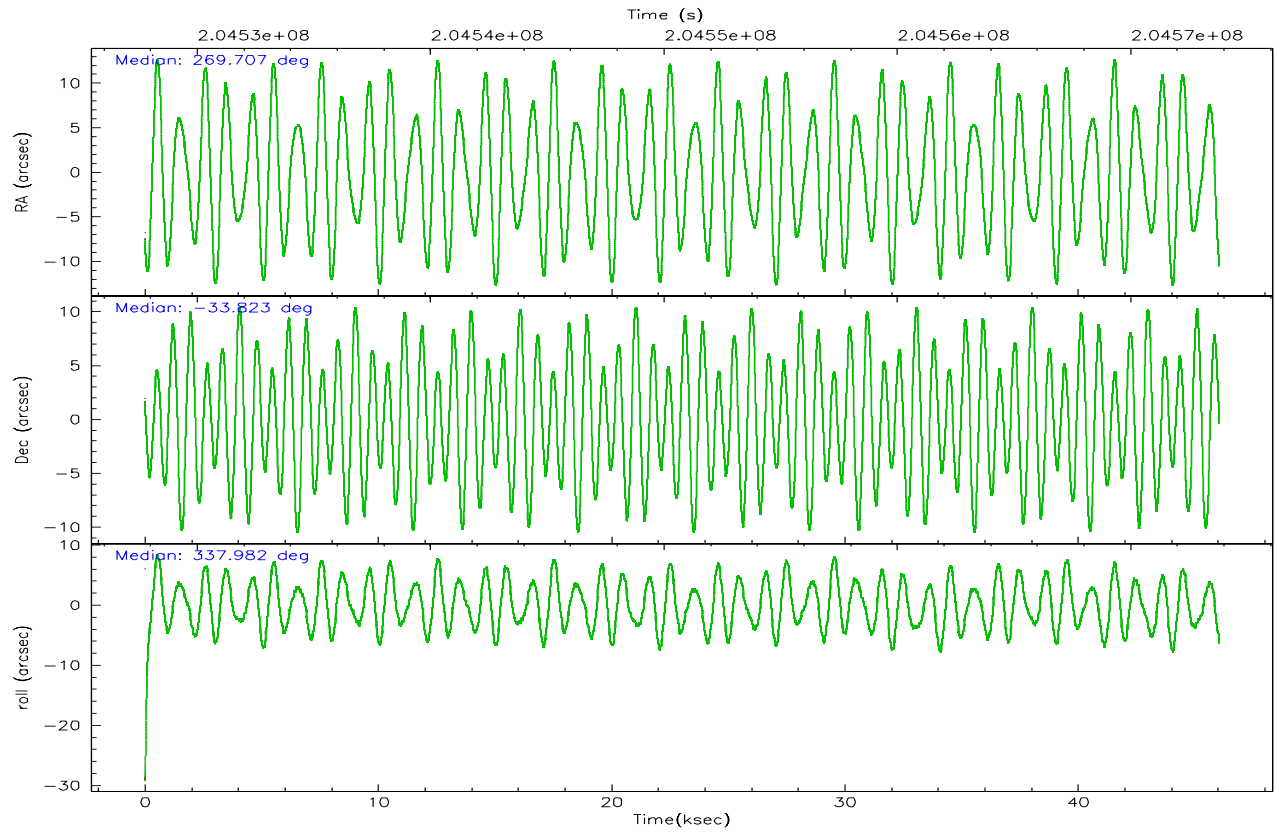


## 2.2 Compared Parameters

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	269.675151	269.7075243304329	Alternating exposures requested	N	N
Pointing Dec	-33.827301	-33.82314118296421	Primary exposure time	0.000000	3.2
Pointing Roll	337.810682	337.9853298655402			
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	204528796.184000	204527407.4793			
Observation start date	2004-06-25T05:32:12	2004-06-25T05:10:07			
Observation end time	204573796.184000	204575427.70642			
Observation end date	2004-06-25T18:02:12	2004-06-25T18:30:27			
Read mode	TIMED	TIMED			

## 2.3 Aspect



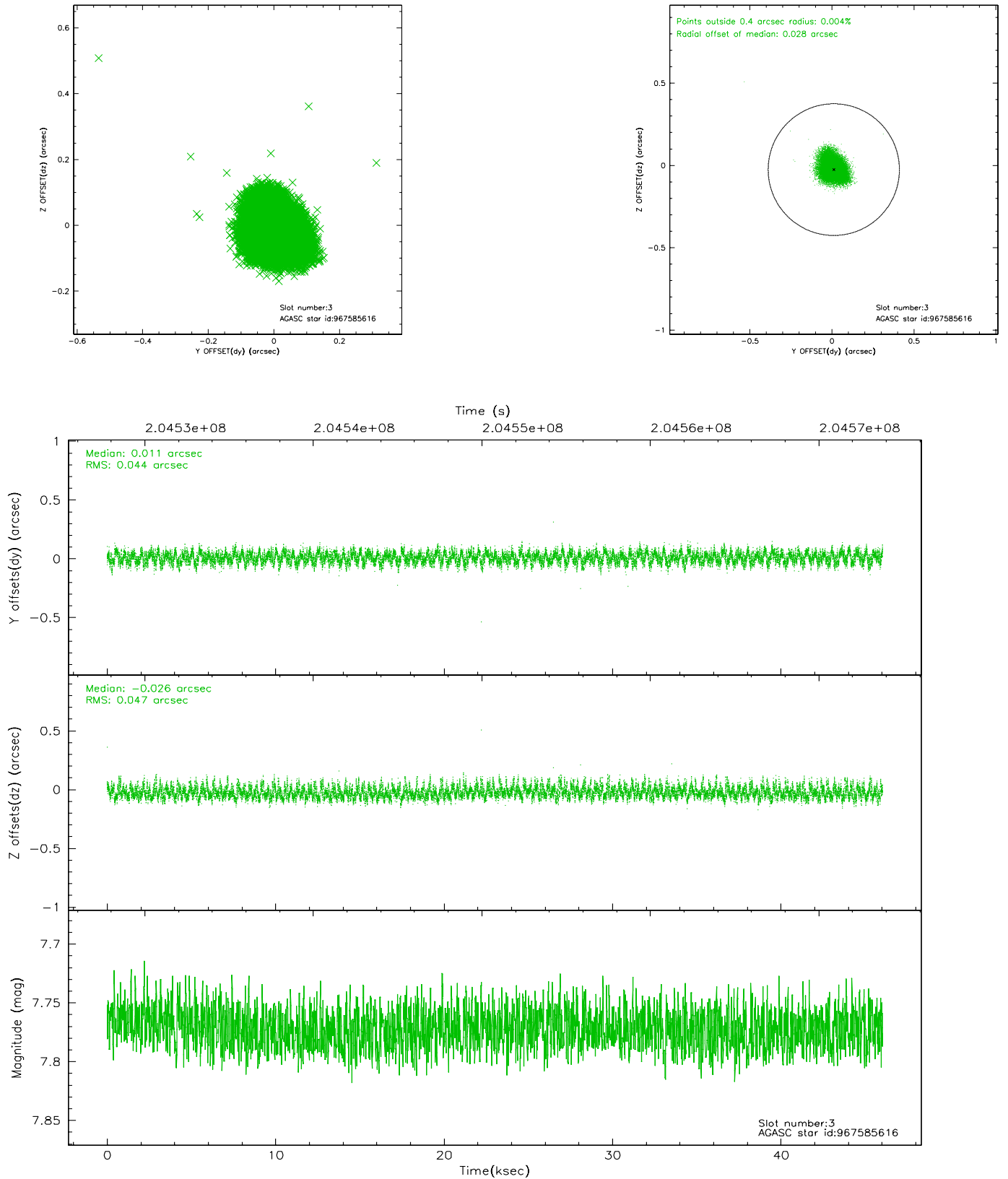


### Slot Statistics

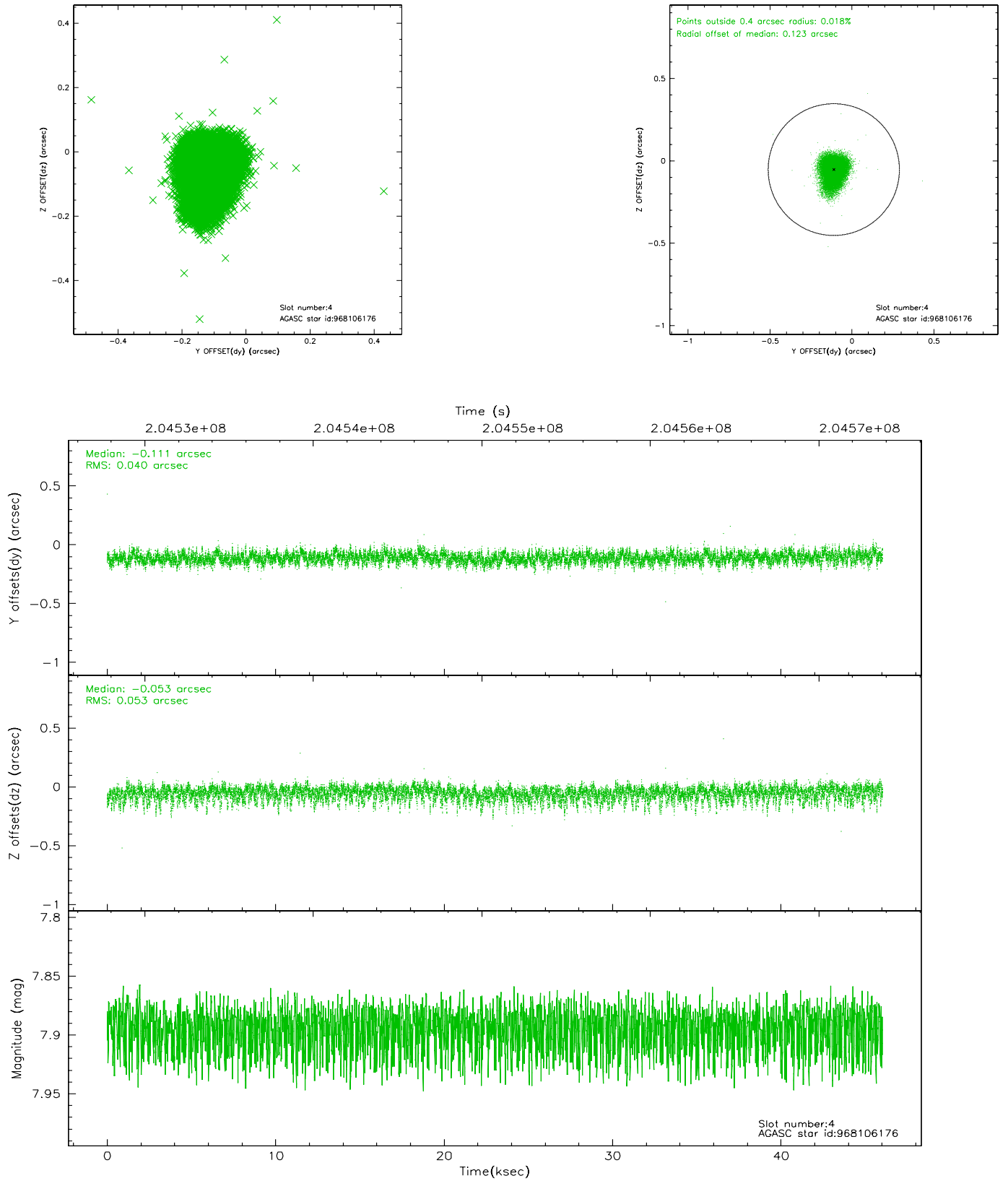
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	11230	0.002	0.005	0.010	0.017	0.000000	0.000000	936.88	-1725.95
1	FID	ACIS-S-4	7.21	11230	0.029	-0.000	0.009	0.016	0.000000	0.000000	2154.33	178.20
2	FID	ACIS-S-5	7.23	11230	-0.060	0.008	0.011	0.021	0.000000	0.000000	-1812.04	171.83
3	GUIDE	967585616	7.77	22458	0.011	-0.026	0.068	0.110	269.985133	-33.408329	293.61	1747.15
4	GUIDE	968106176	7.89	22460	-0.111	-0.053	0.069	0.117	268.813315	-34.235568	-1815.74	-2339.72
5	GUIDE	968110016	8.38	22451	0.011	-0.019	0.079	0.127	268.984118	-34.286625	-1275.88	-2313.98
6	GUIDE	969294768	9.16	22445	0.039	0.091	0.086	0.142	270.651813	-33.552989	2345.56	2008.37
7	GUIDE	969804960	8.36	22457	0.051	0.016	0.058	0.094	270.573437	-33.767997	2413.30	1202.26

## 2.4 Star Slots

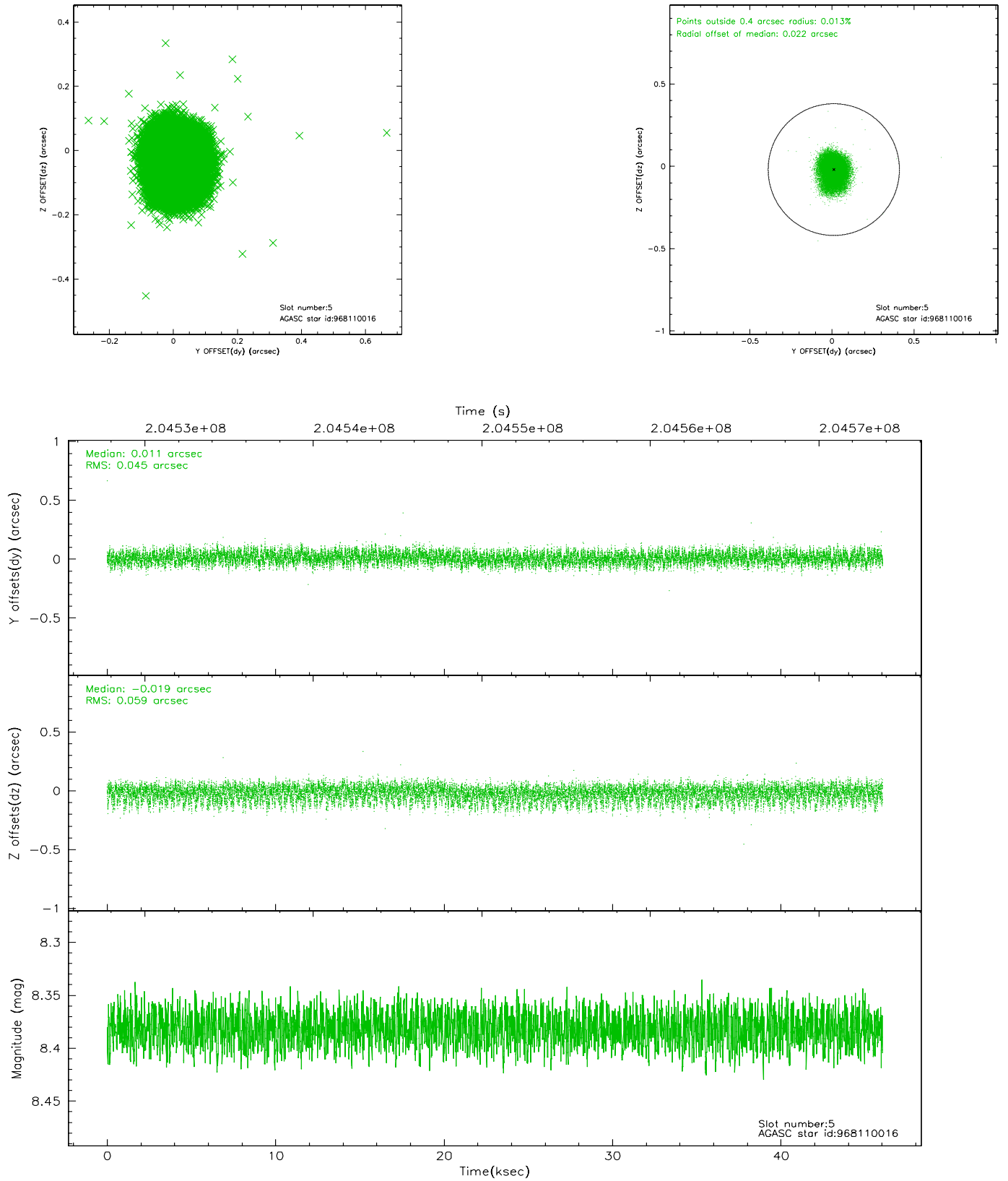
### 2.4.1 Slot 3



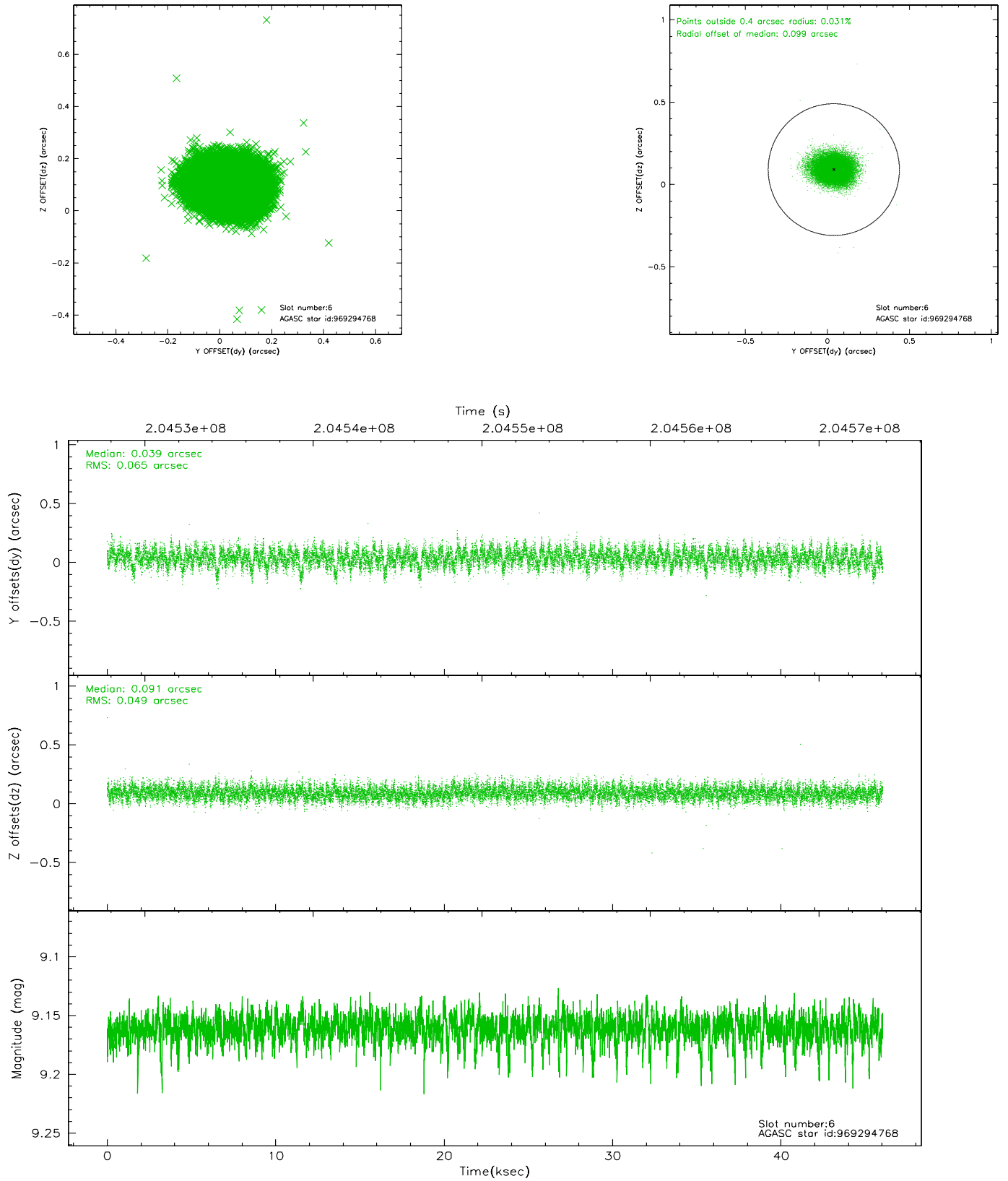
## 2.4.2 Slot 4



### 2.4.3 Slot 5

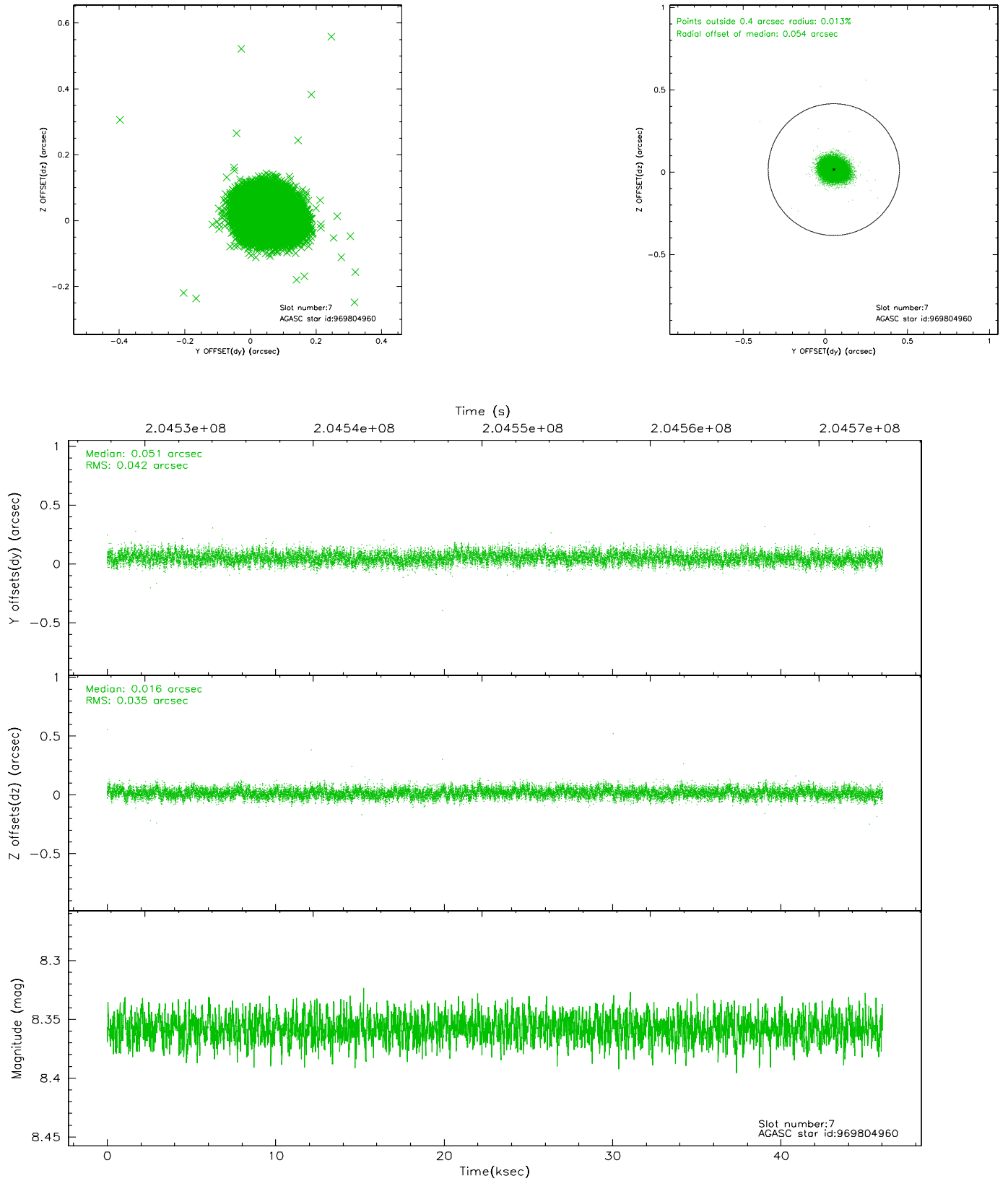


## 2.4.4 Slot 6



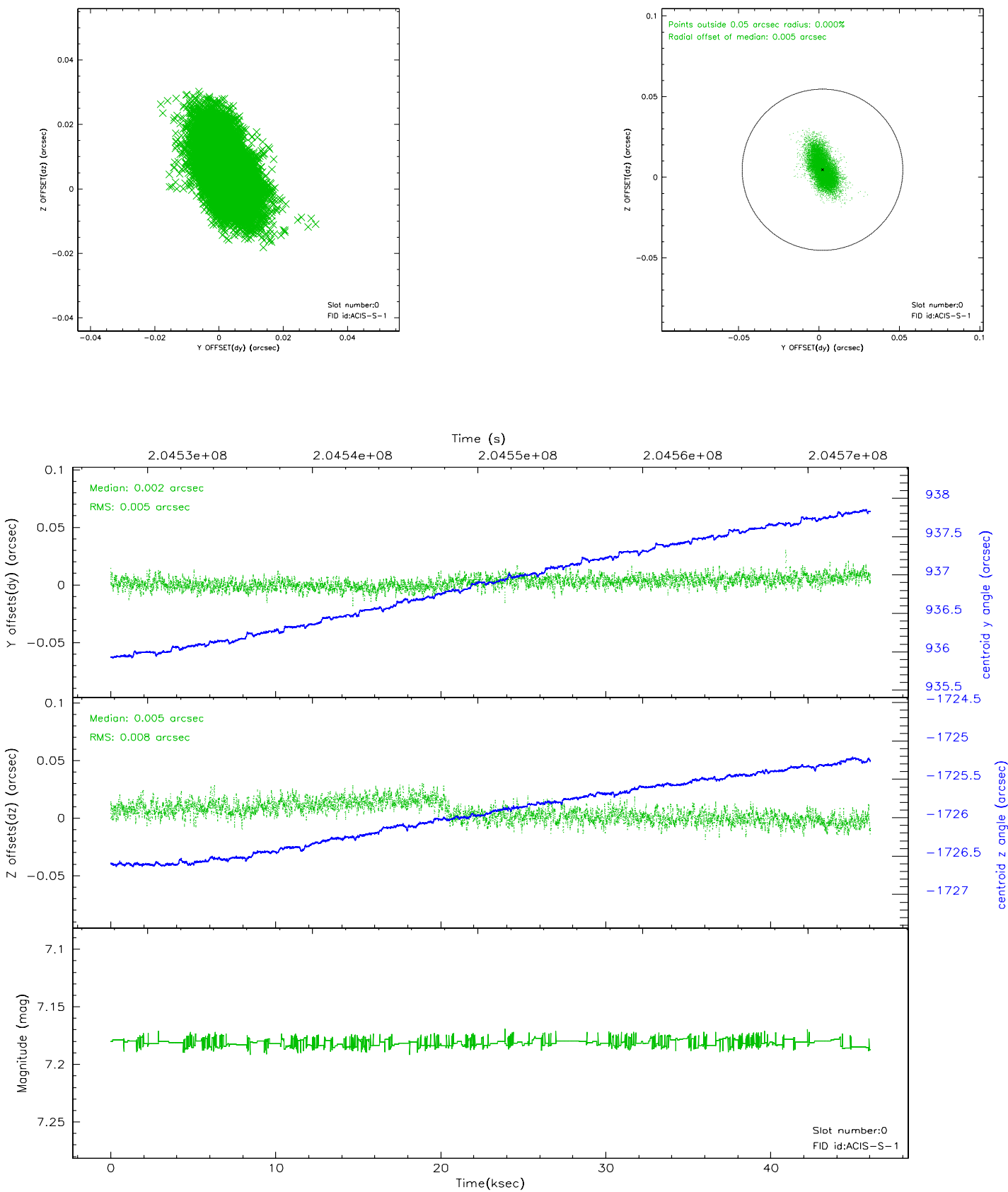


## 2.4.5 Slot 7

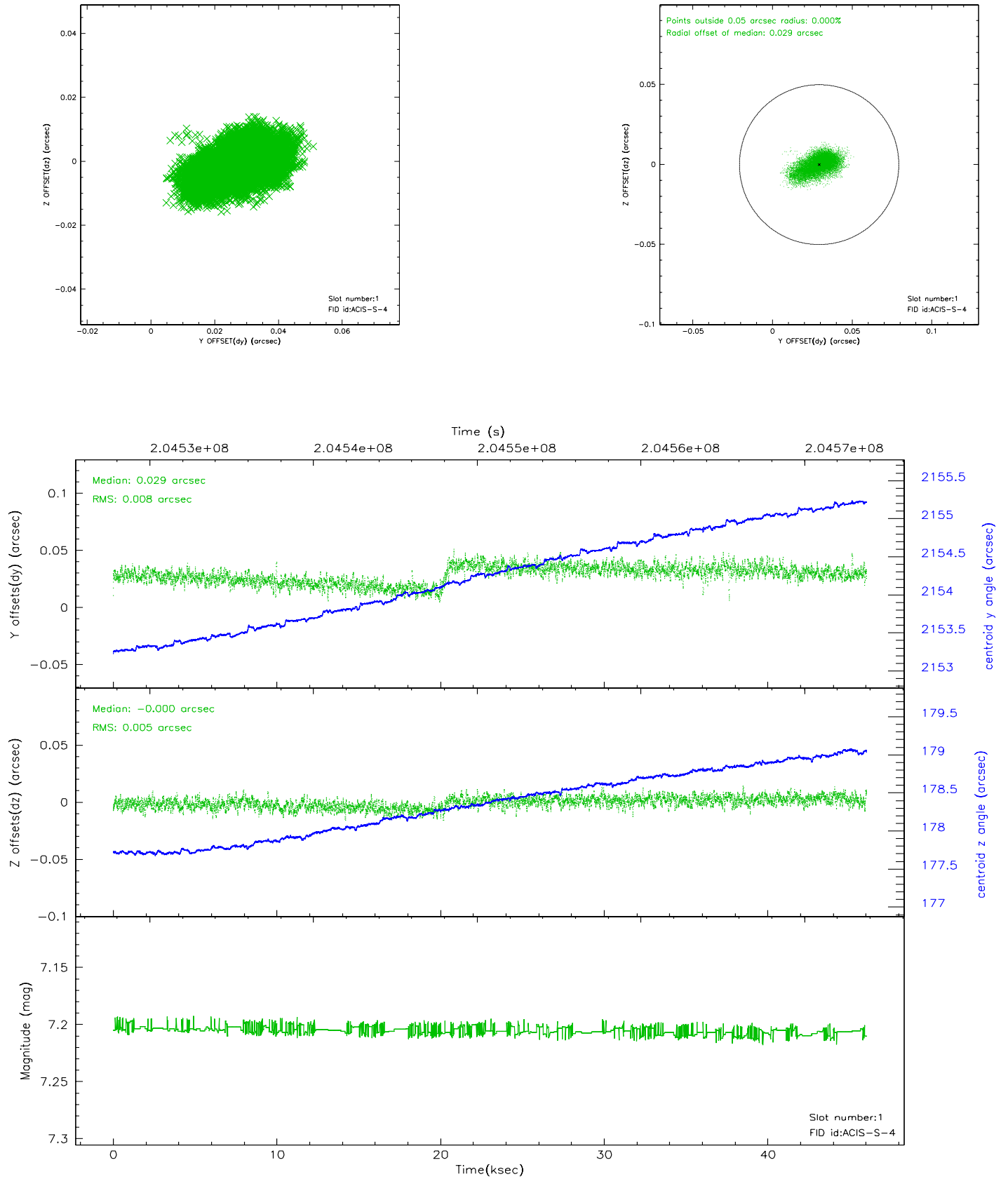


## 2.5 FID Slots

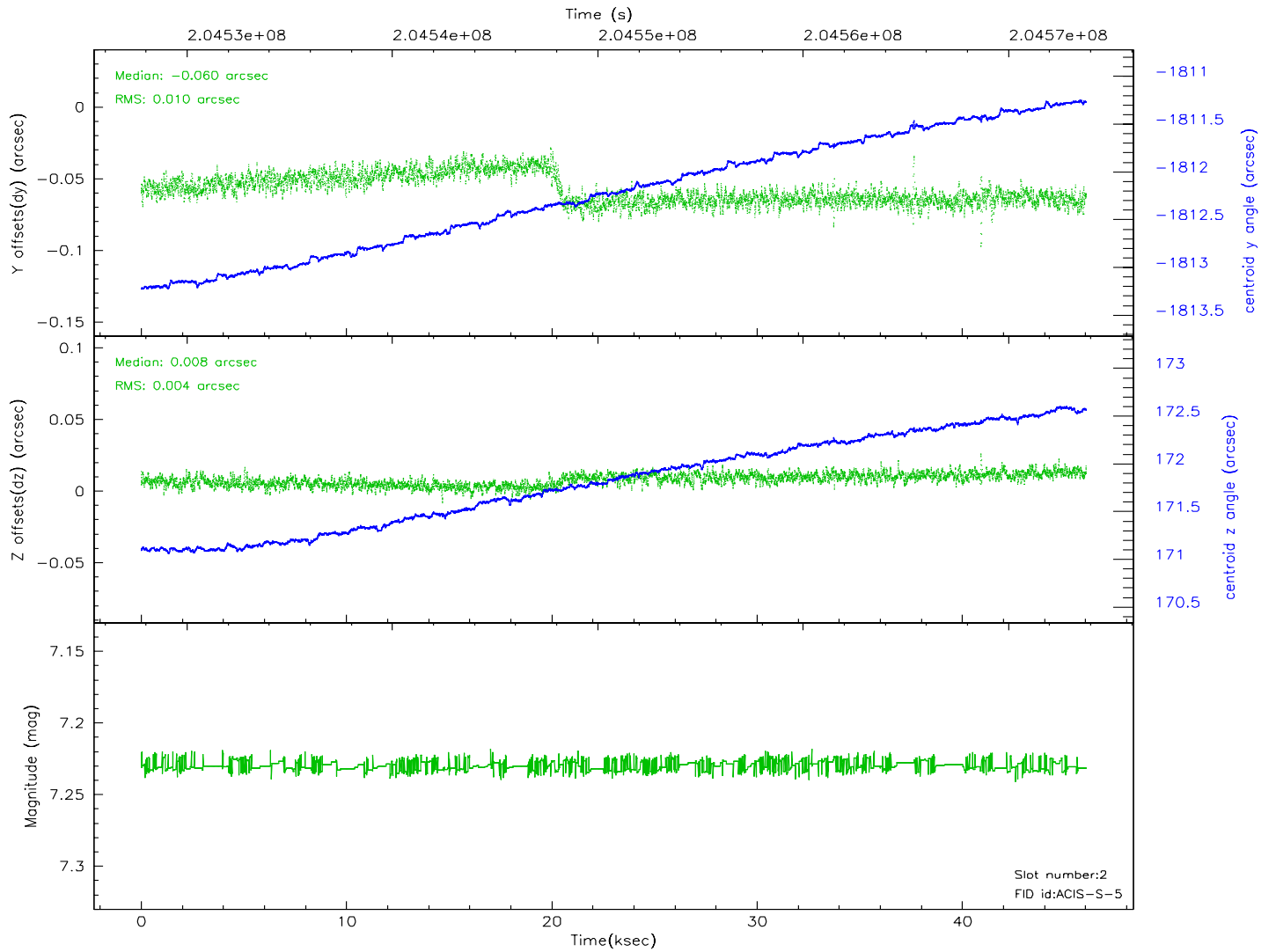
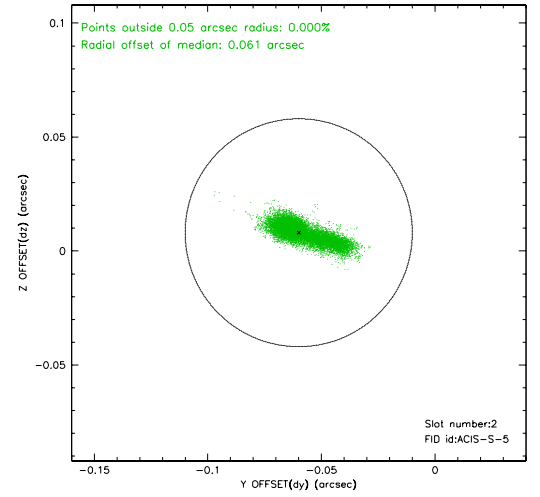
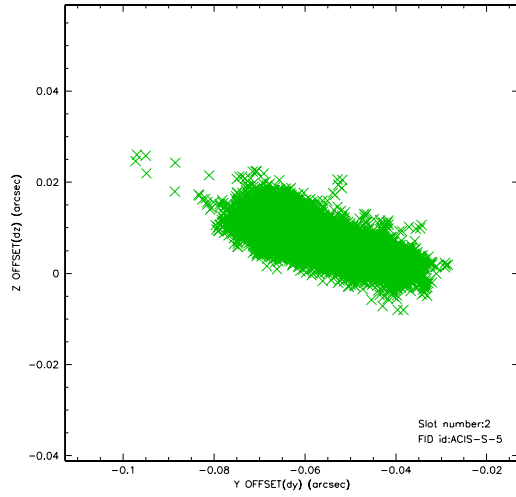
### 2.5.1 Slot 0



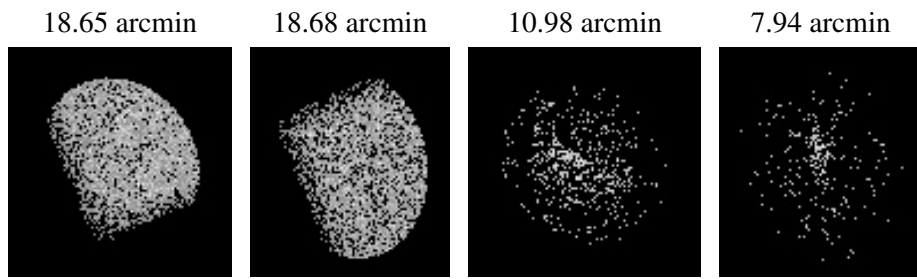
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.956

### A.2 Comments