

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 5245 - L2 Version 001  
Chandra X-Ray Center

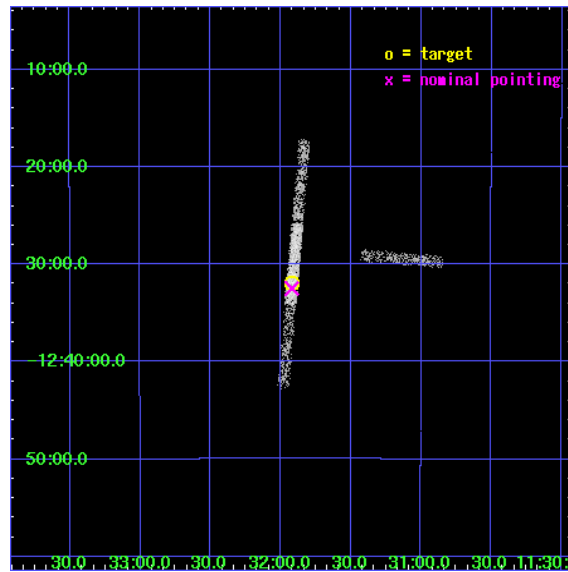
L2 Processing Date : May 25 2006

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# 1 Front

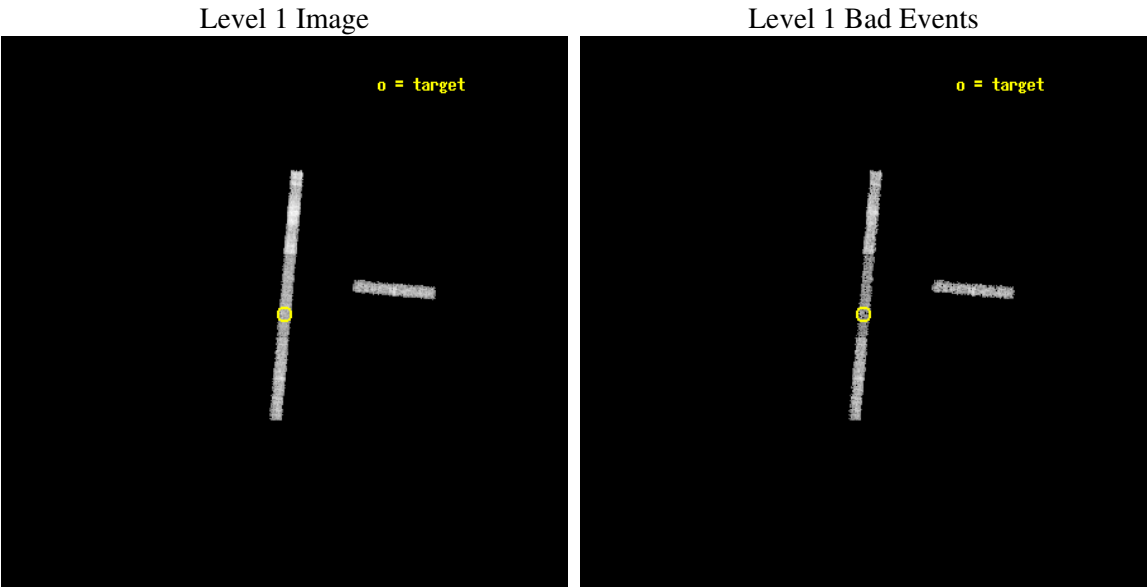
seq_num	701010
obs_id	5245
title	Towards a microlensing mapping of an accretion disk
observer	Dr Jean-Francois Claeskens
object	1RXSJ113155.4-123155
dtcycle	0
cycle	P
ra_targ	172.980833
dec_targ	-12.531944
ra_nom	172.9799343628
dec_nom	-12.541549883649
roll_nom	275.02823534632
revision	2
ontime	5159.99994874
livetime	4829.6517678211
ontime3	5159.99994874
ontime6	5159.99994874
ontime7	5159.99994874
ontime8	5159.99994874
l2events	3554



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3

Chip 6

Chip 7



Chip 8



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldsver	3.2.2
date	2006-05-25T09:50:16
revision	2

sched_exp_time	4500.000000
ontime	5160.9657872617
ontime3	5160.9657872617
ontime6	5160.9657872617
ontime7	5160.9657872617
ontime8	5161.6068073213
l1events	32776

### 2.1.4 Events

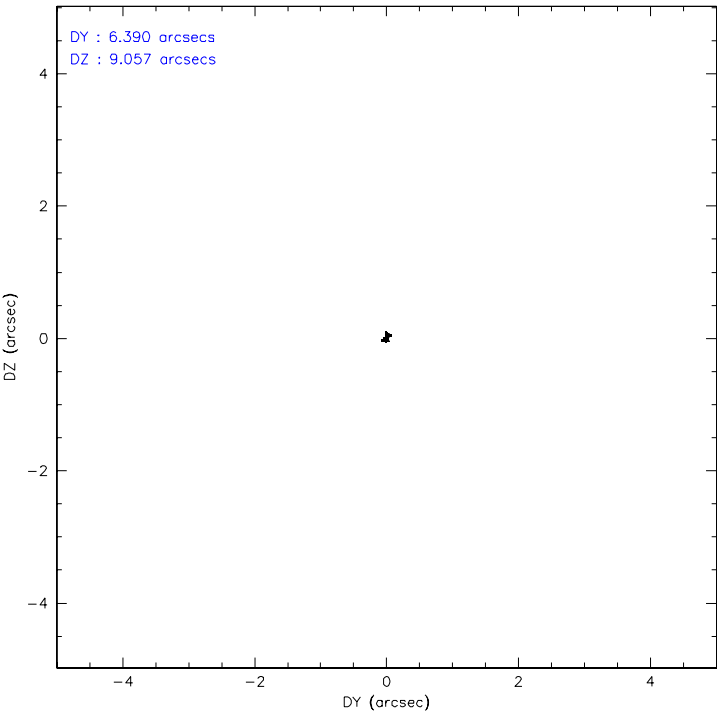
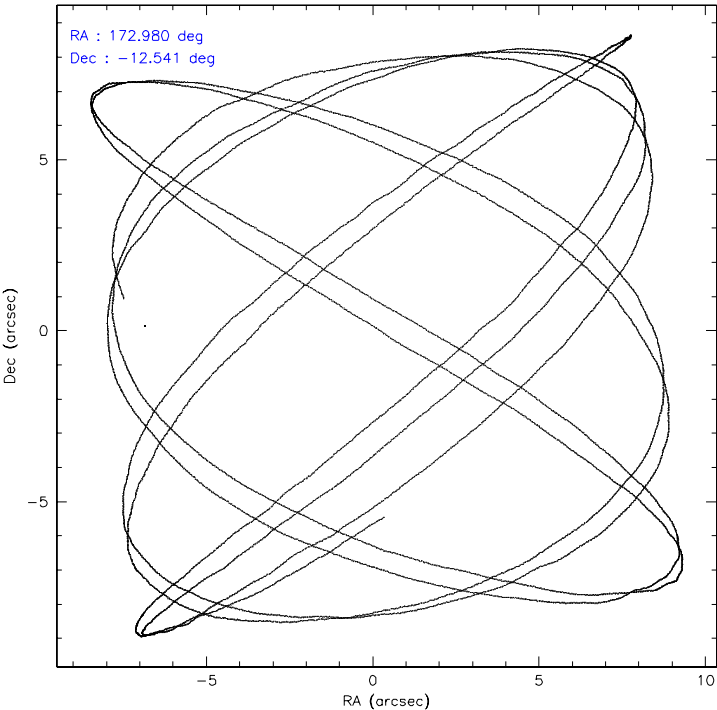
	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6049	6905	5048	14774
rejected events	5505	6259	2781	8242
rejected %	91%	90%	55%	55%

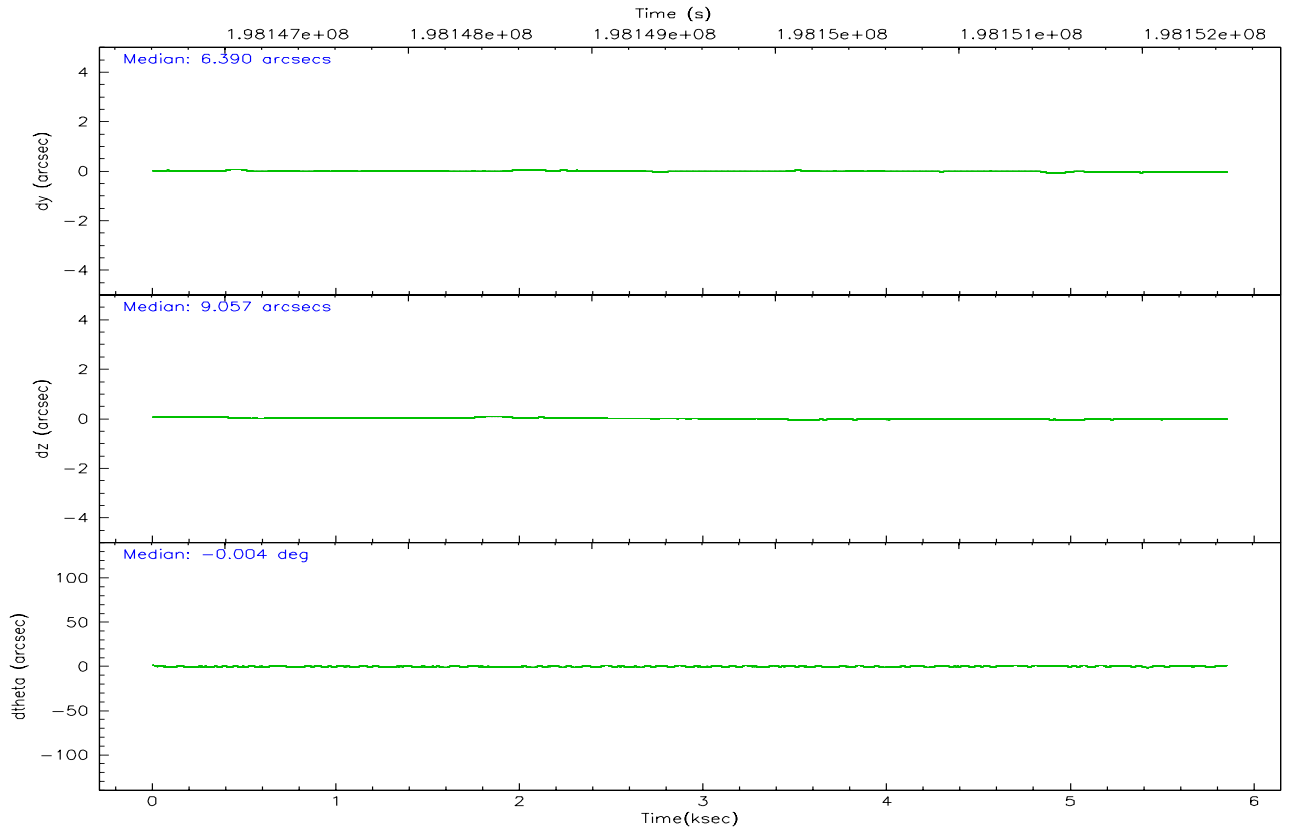
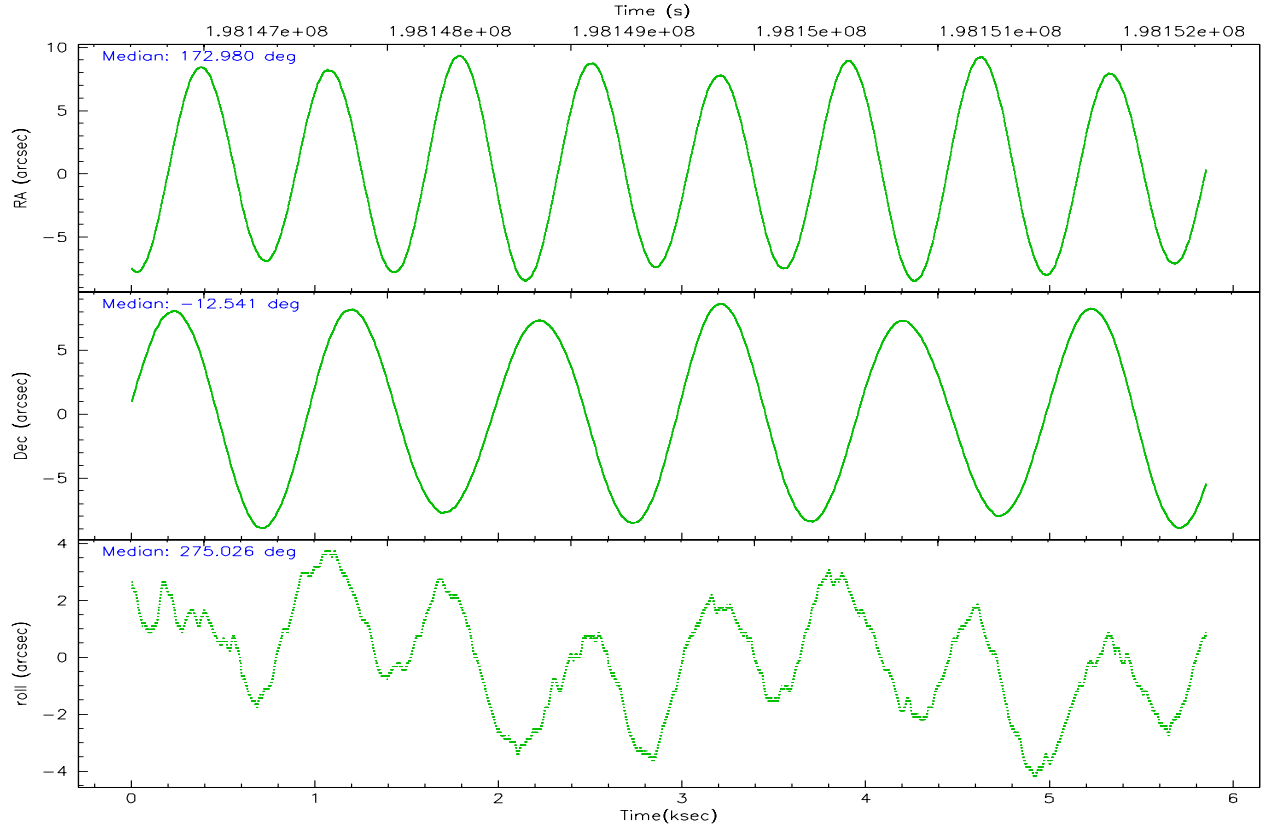
	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	132	195	178	1659
	2%	2%	3%	11%
grade 1 events	2	0	1	11
	0%	0%	0%	0%
grade 2 events	122	148	543	1046
	2%	2%	10%	7%
grade 3 events	106	125	253	1058
	1%	1%	5%	7%
grade 4 events	98	97	238	933
	1%	1%	4%	6%
grade 5 events	144	173	411	307
	2%	2%	8%	2%
grade 6 events	86	81	1056	1836
	1%	1%	20%	12%
grade 7 events	5359	6086	2368	7924
	88%	88%	46%	53%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3678	ACIS-3678	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	1/8	1/8
Pointing RA	172.963633	172.9799343627963	Subarray start row	0	449
Pointing Dec	-12.519491	-12.54154988364944	Subarray row count	1024	128
Pointing Roll	274.868067	275.0282353463159	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	1.000000	0.6
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	198147963.184000	198146416.78504			
Observation start date	2004-04-12T09:04:59	2004-04-12T08:40:16			
Observation end time	198152463.184000	198153377.04785			
Observation end date	2004-04-12T10:19:59	2004-04-12T10:36:17			
Read mode	TIMED	TIMED			

2.3 Aspect





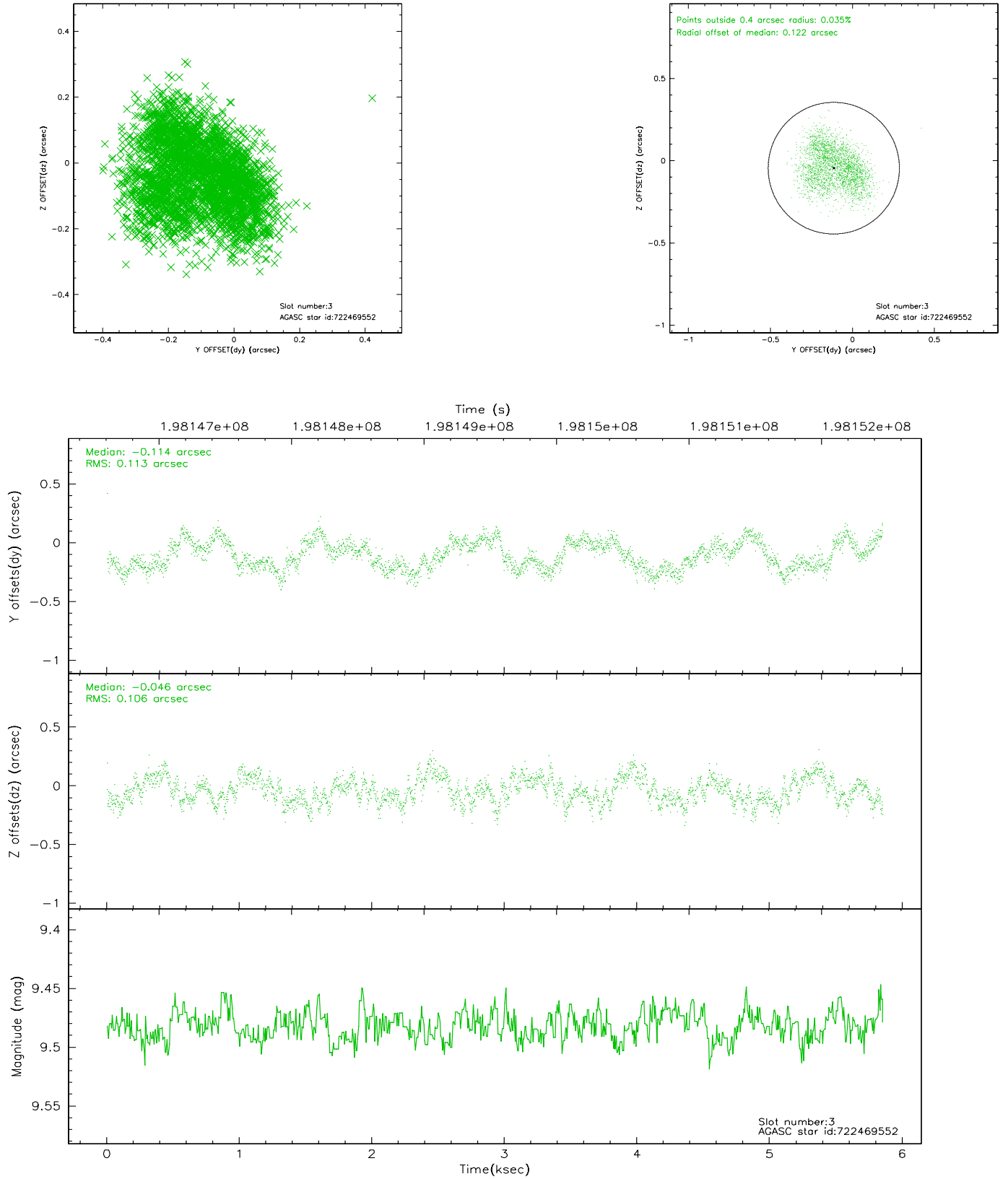
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1427	-0.038	-0.021	0.006	0.010	0.000000	0.000000	-759.15	-1730.31
1	FID	ACIS-S-4	7.21	1427	0.049	0.024	0.005	0.008	0.000000	0.000000	2153.74	177.17
2	FID	ACIS-S-5	7.23	1427	-0.041	0.006	0.006	0.010	0.000000	0.000000	-1810.70	171.97
3	GUIDE	722469552	9.48	2854	-0.114	-0.046	0.168	0.249	172.271393	-12.124699	-1619.37	-2307.27
4	GUIDE	722473176	9.47	2853	-0.041	-0.017	0.122	0.191	172.599746	-12.066793	-1731.74	-1138.99
5	GUIDE	722871728	9.66	2852	0.012	-0.000	0.139	0.211	173.202235	-12.568355	246.62	820.19
6	GUIDE	722872912	9.93	2852	0.039	0.016	0.103	0.169	173.118043	-12.649915	514.59	501.14
7	GUIDE	722873464	7.32	2854	0.100	0.052	0.073	0.113	172.661543	-13.050266	1815.65	-1217.21

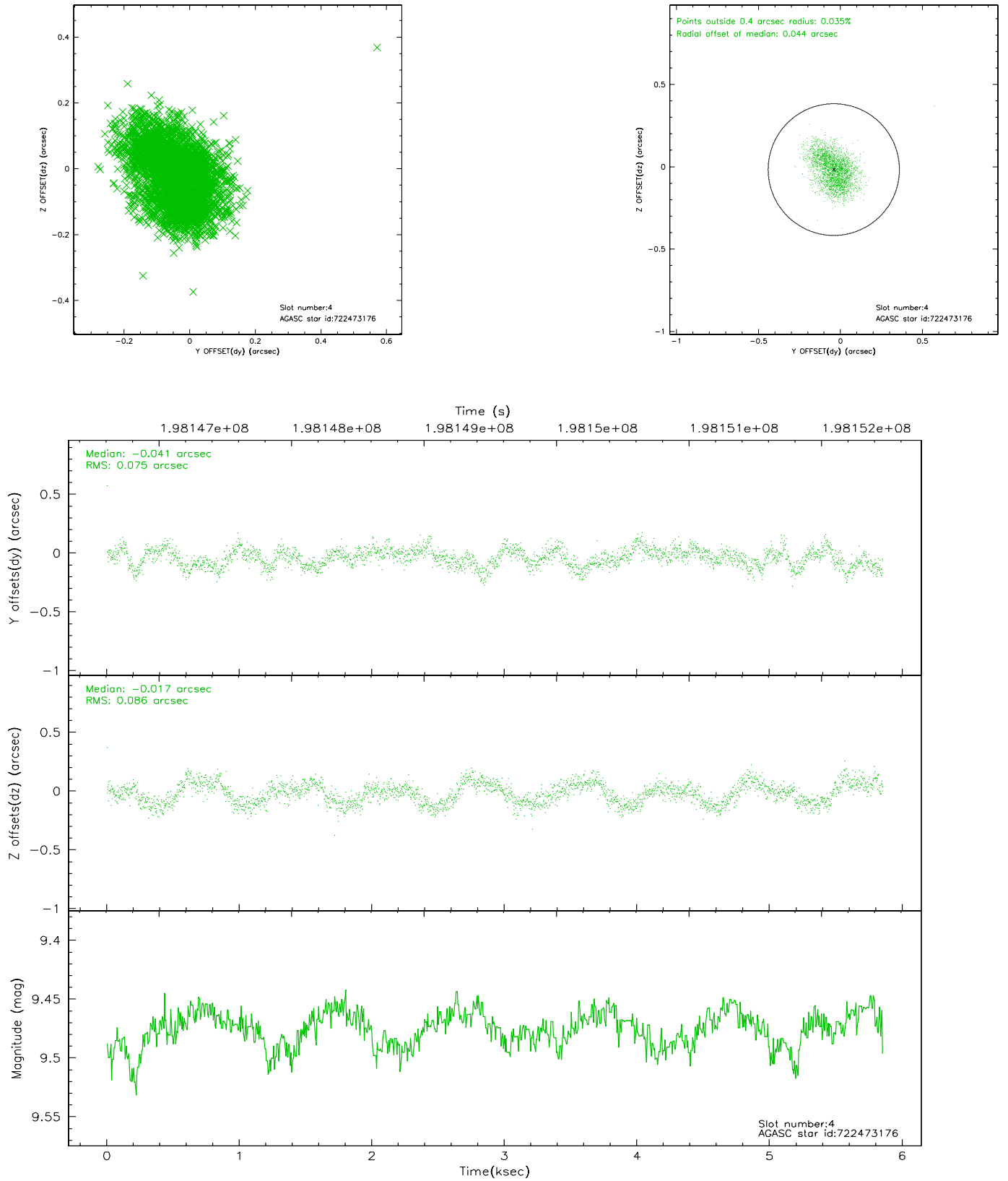


## 2.4 Star Slots

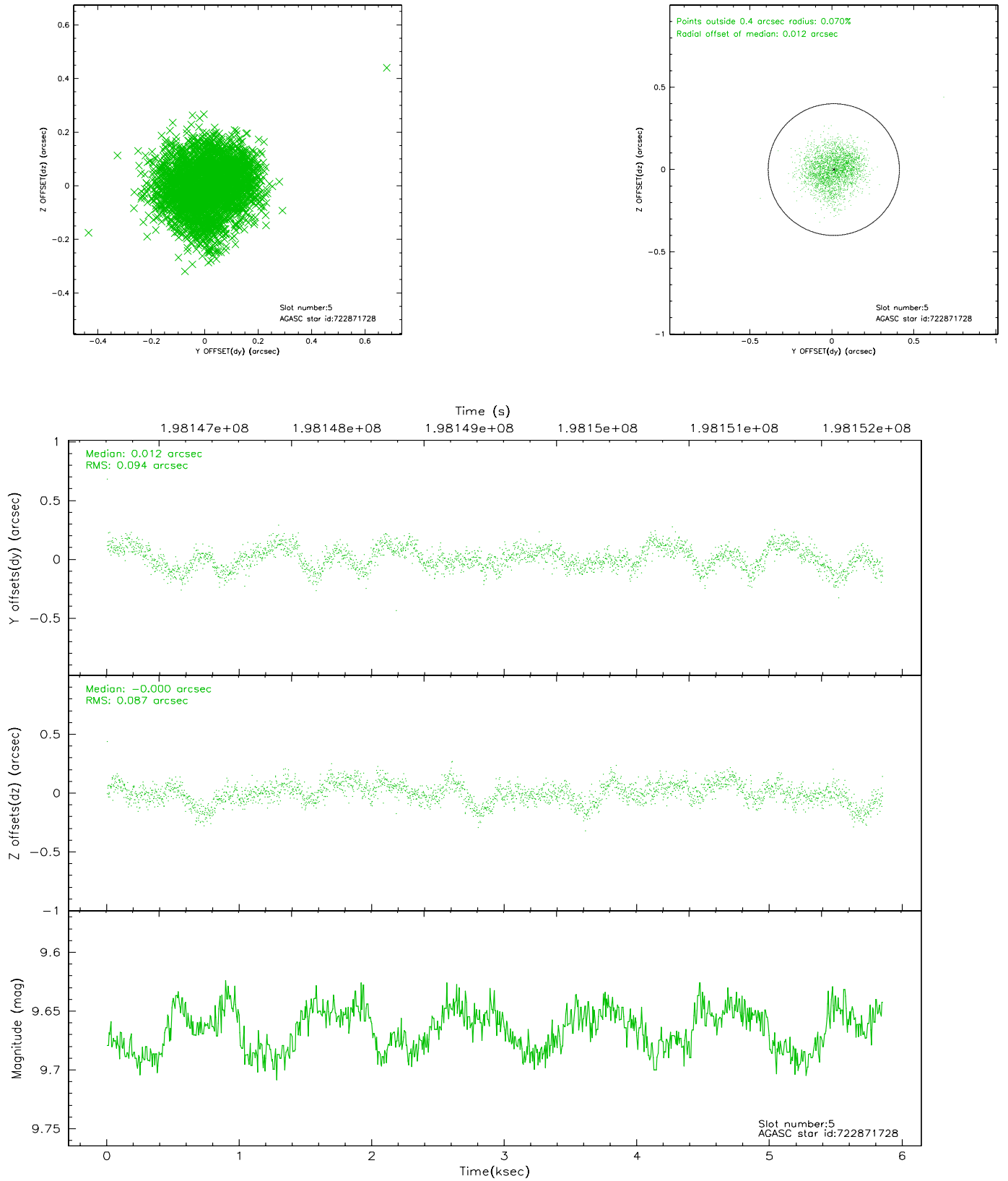
### 2.4.1 Slot 3



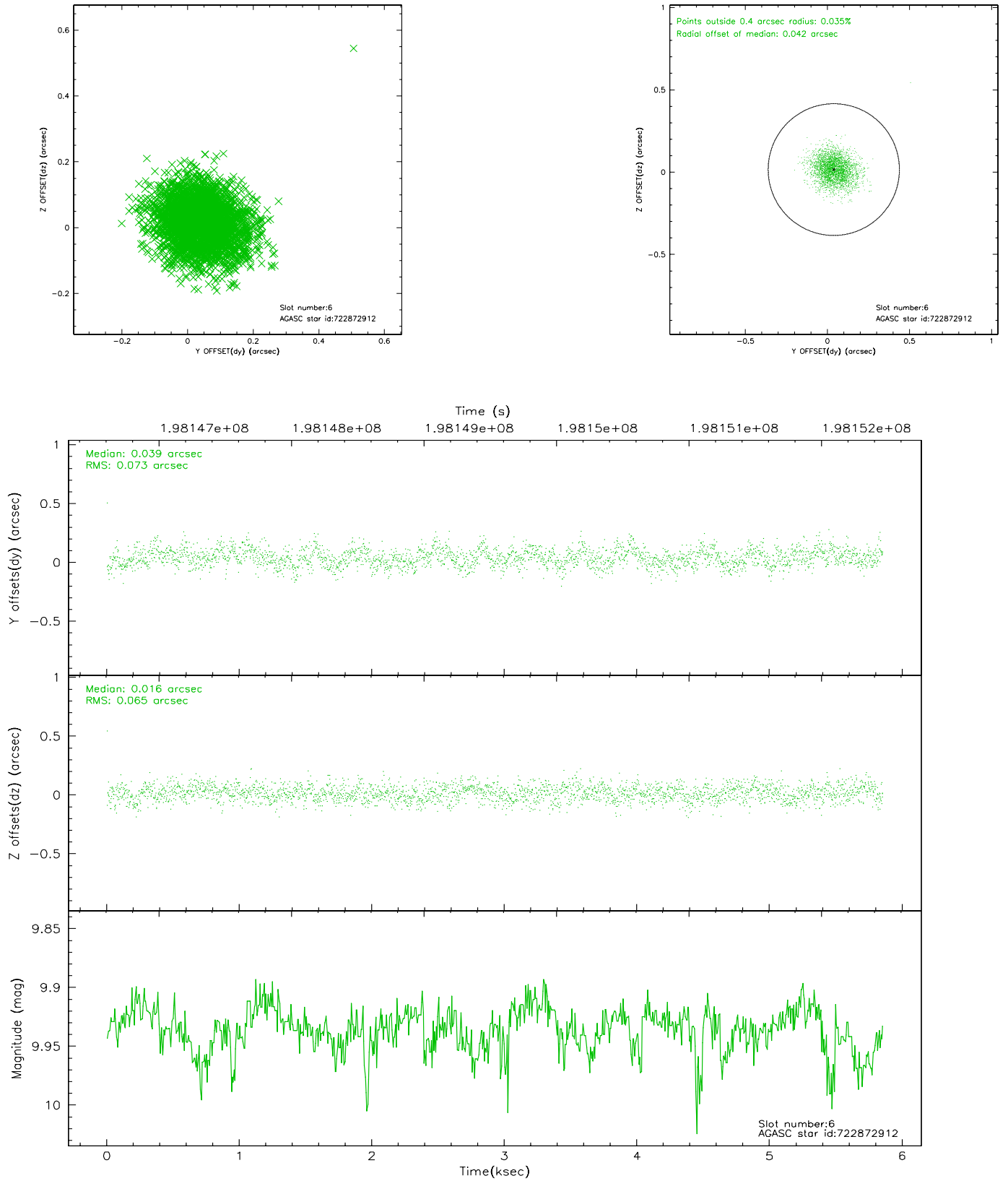
## 2.4.2 Slot 4



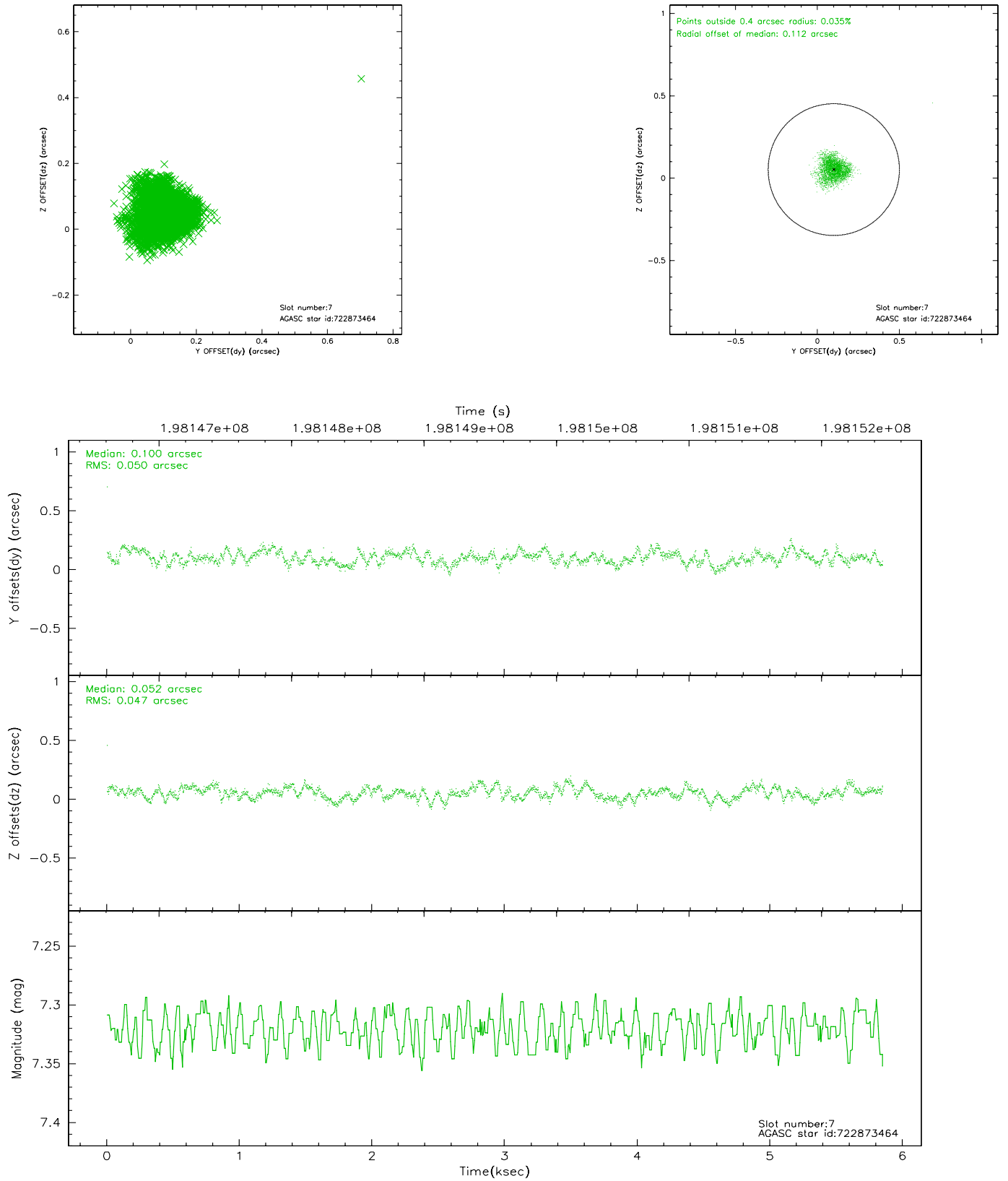
### 2.4.3 Slot 5



## 2.4.4 Slot 6

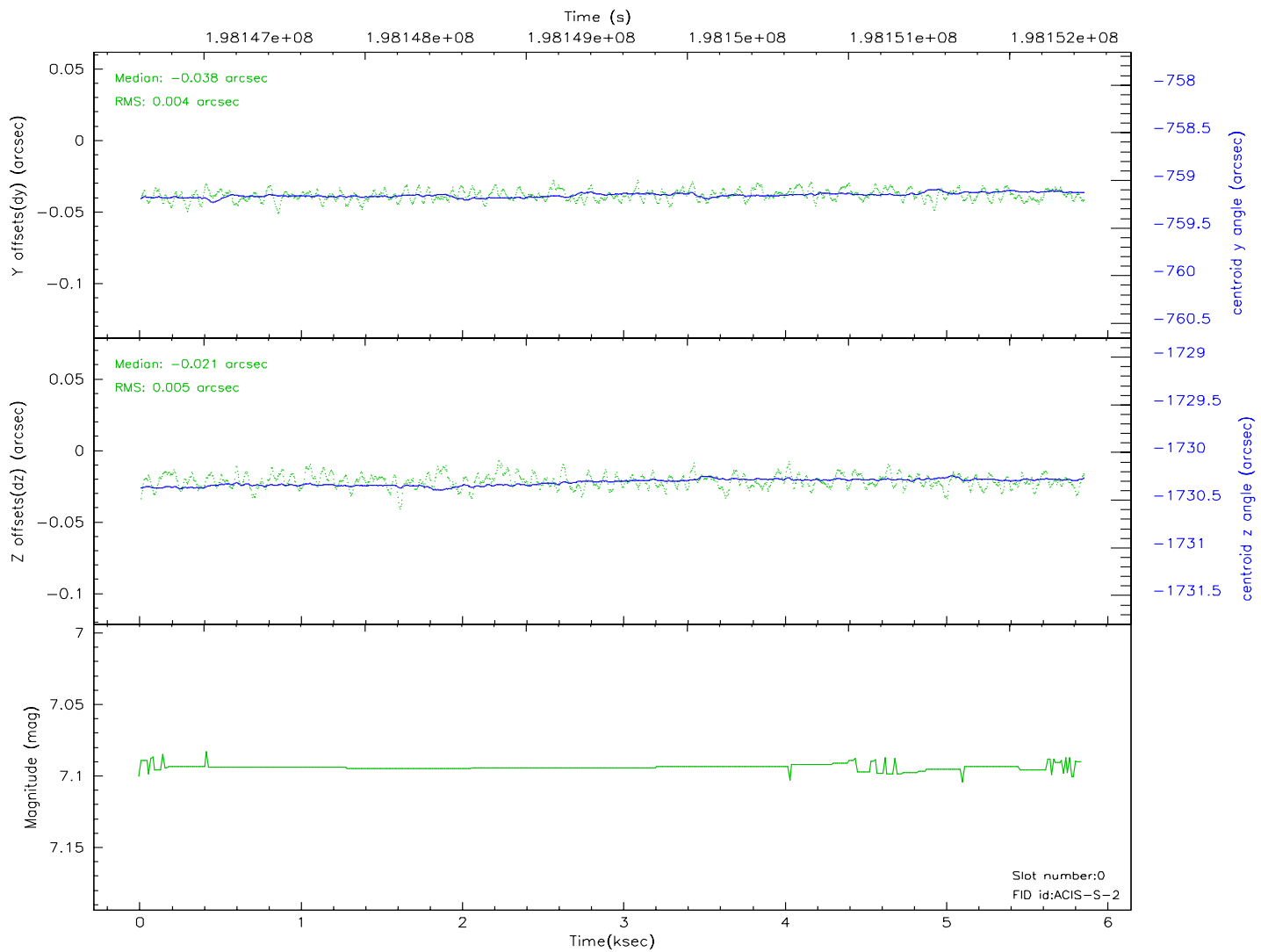
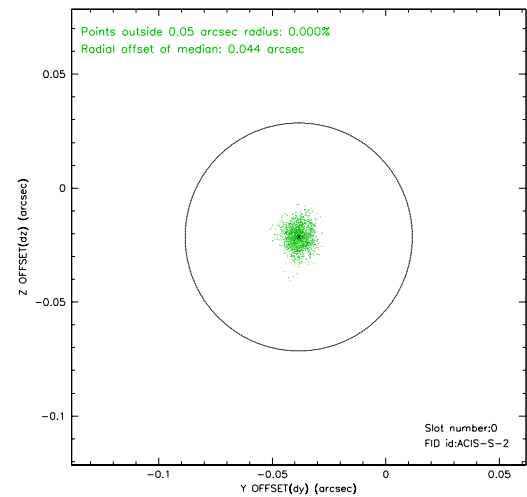
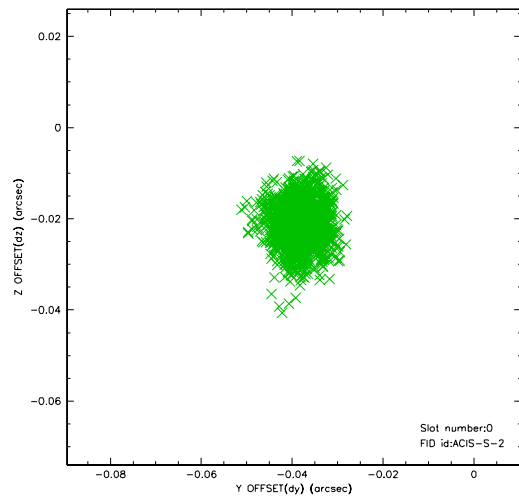


## 2.4.5 Slot 7

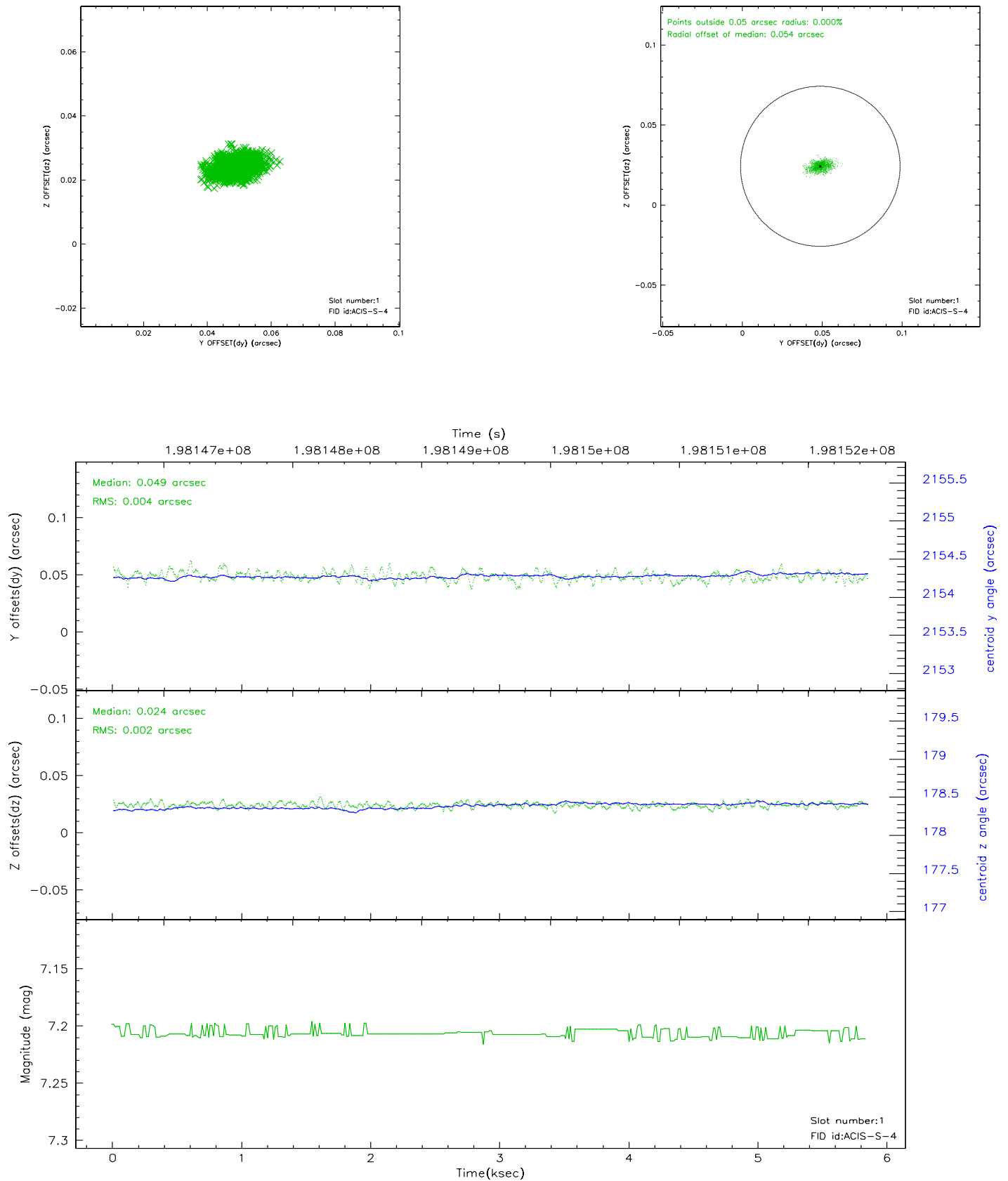


## 2.5 FID Slots

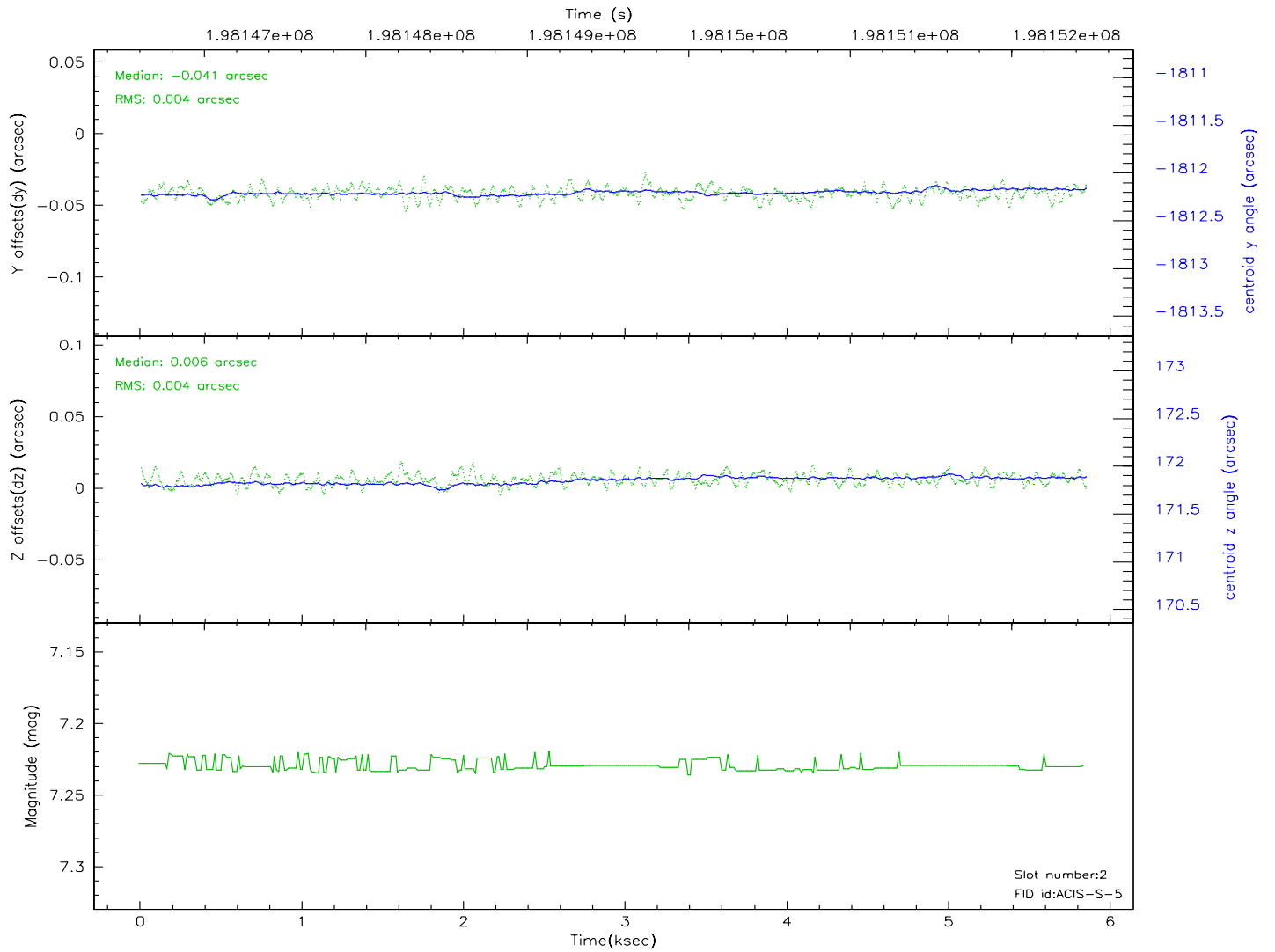
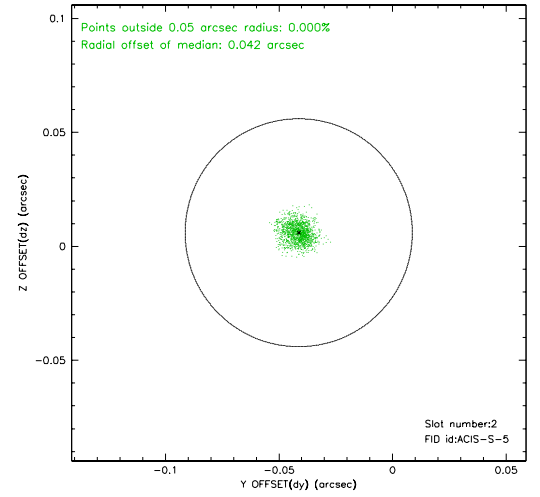
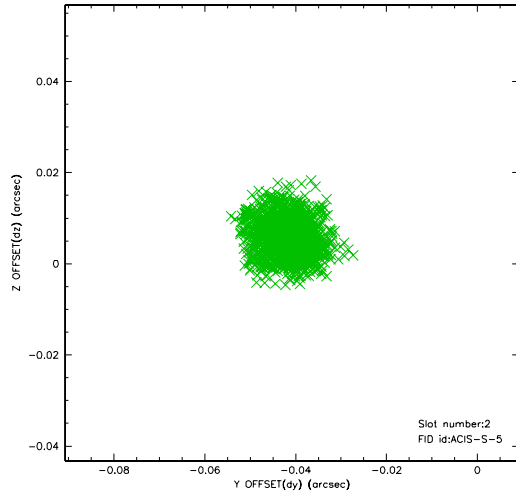
### 2.5.1 Slot 0



## 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)	2006.05.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.16

### A.2 Comments