

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6082 - L2 Version 002
Chandra X-Ray Center

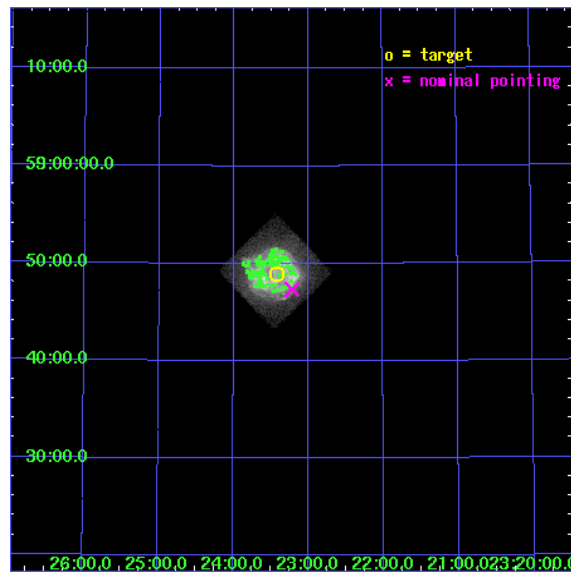
L2 Processing Date : Apr 2 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

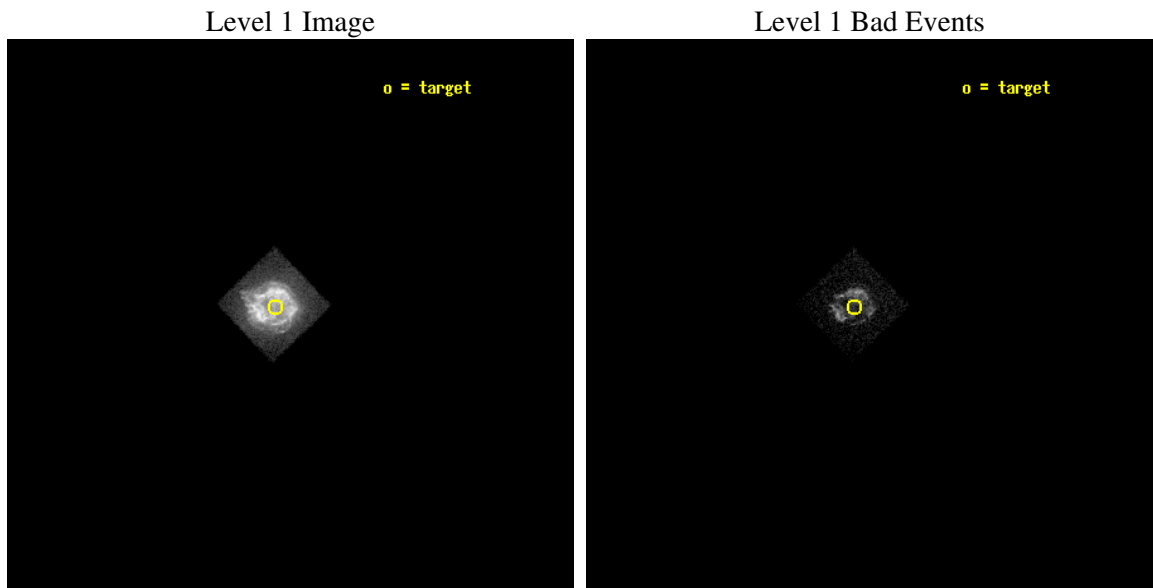
seq_num	590409
obs_id	6082
title	AO6B Observations of the Standard Candles Cas A and G21.5-09
observer	Dr. CXC Calibration
object	Cas A[S3,-120,-2.0,0,0]
dtcycle	0
cycle	P
ra_targ	350.8575
dec_targ	58.814833
ra_nom	350.80497516087
dec_nom	58.789063447574
roll_nom	226.20899768822
revision	2
ontime	1244.3166489899
livetime	1228.5603623429
ontime2	1986.50316751
ontime3	2041.5999923944
ontime5	2041.5999923944
ontime6	2041.5999923944
ontime7	1244.3166489899
ontime8	2041.5999923944
l2events	363576



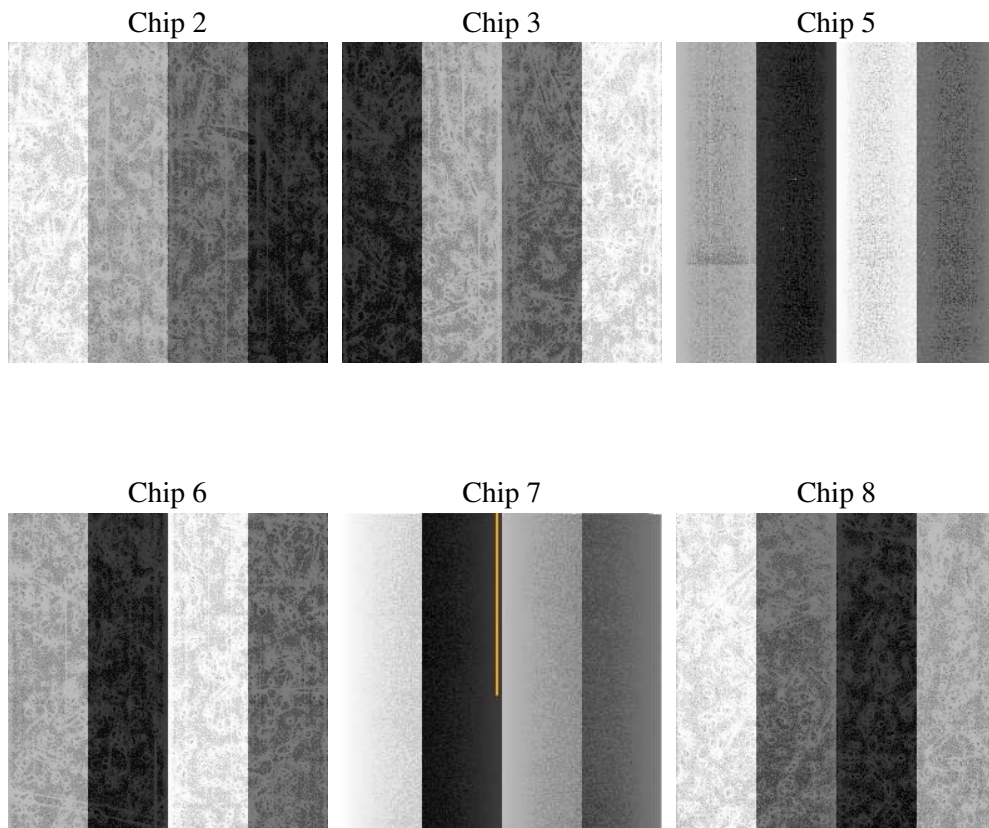
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-02T16:58:44
revision	2

sched_exp_time	2000.000000
ontime	1247.7964806855
ontime2	1993.2240093946
ontime3	2048.3208342791
ontime5	2048.3208342791
ontime6	2048.3208342791
ontime7	1247.7964806855
ontime8	2048.3208342791
l1events	391818

2.1.4 Events

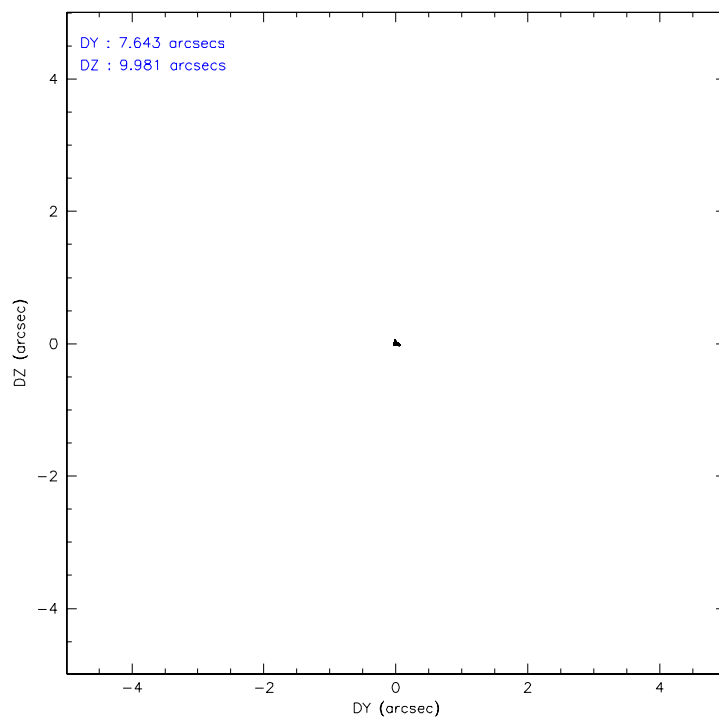
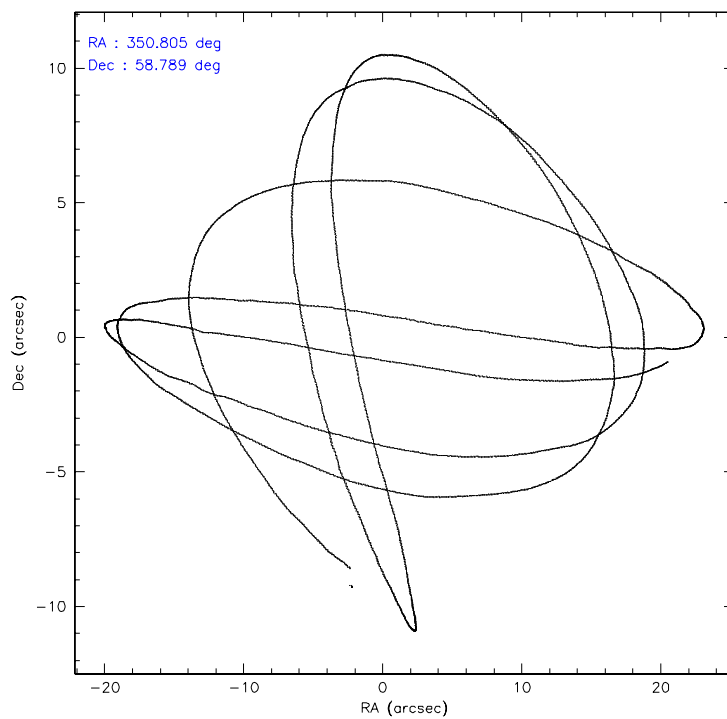
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	0	0	0	0	391818	0
rejected events	0	0	0	0	24179	0
rejected %	0%	0%	0%	0%	6%	0%

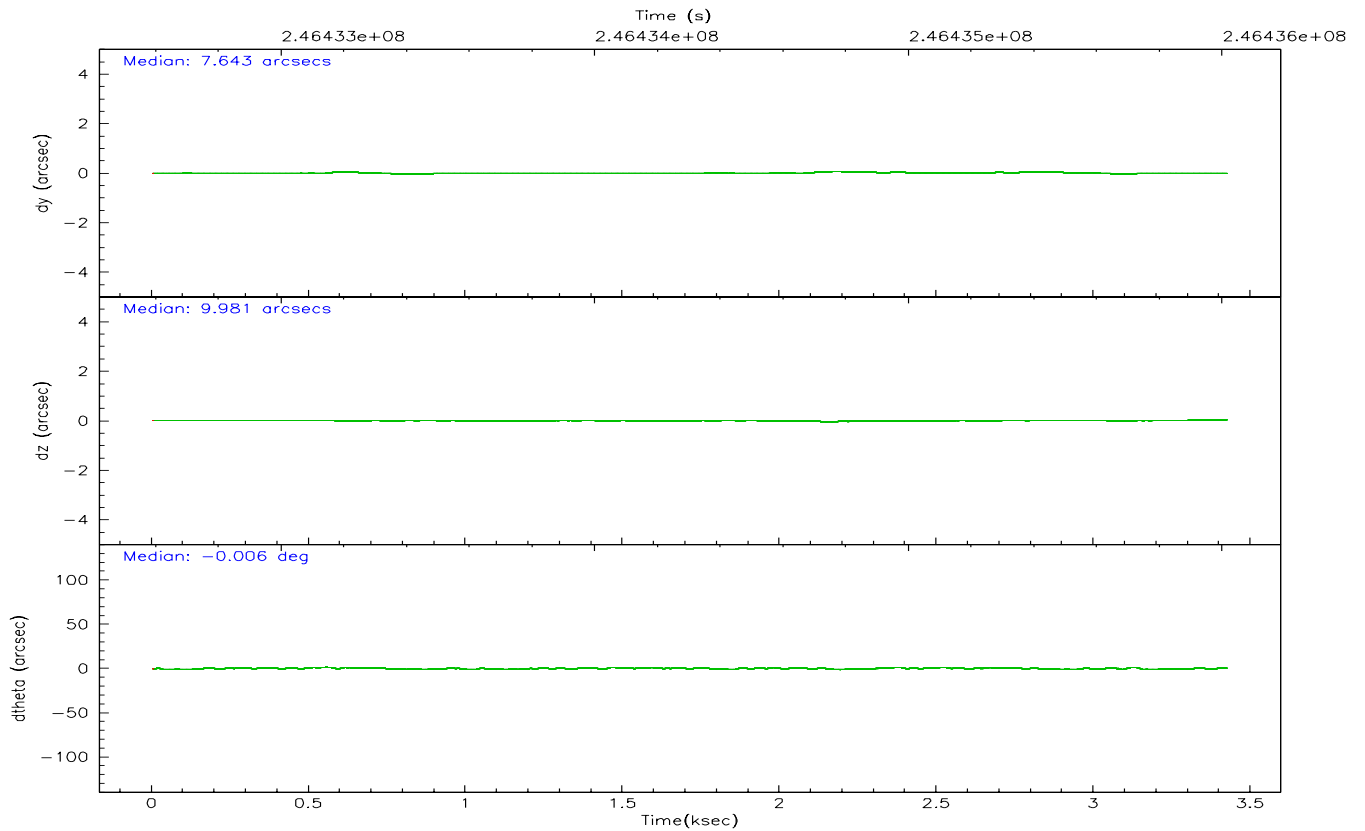
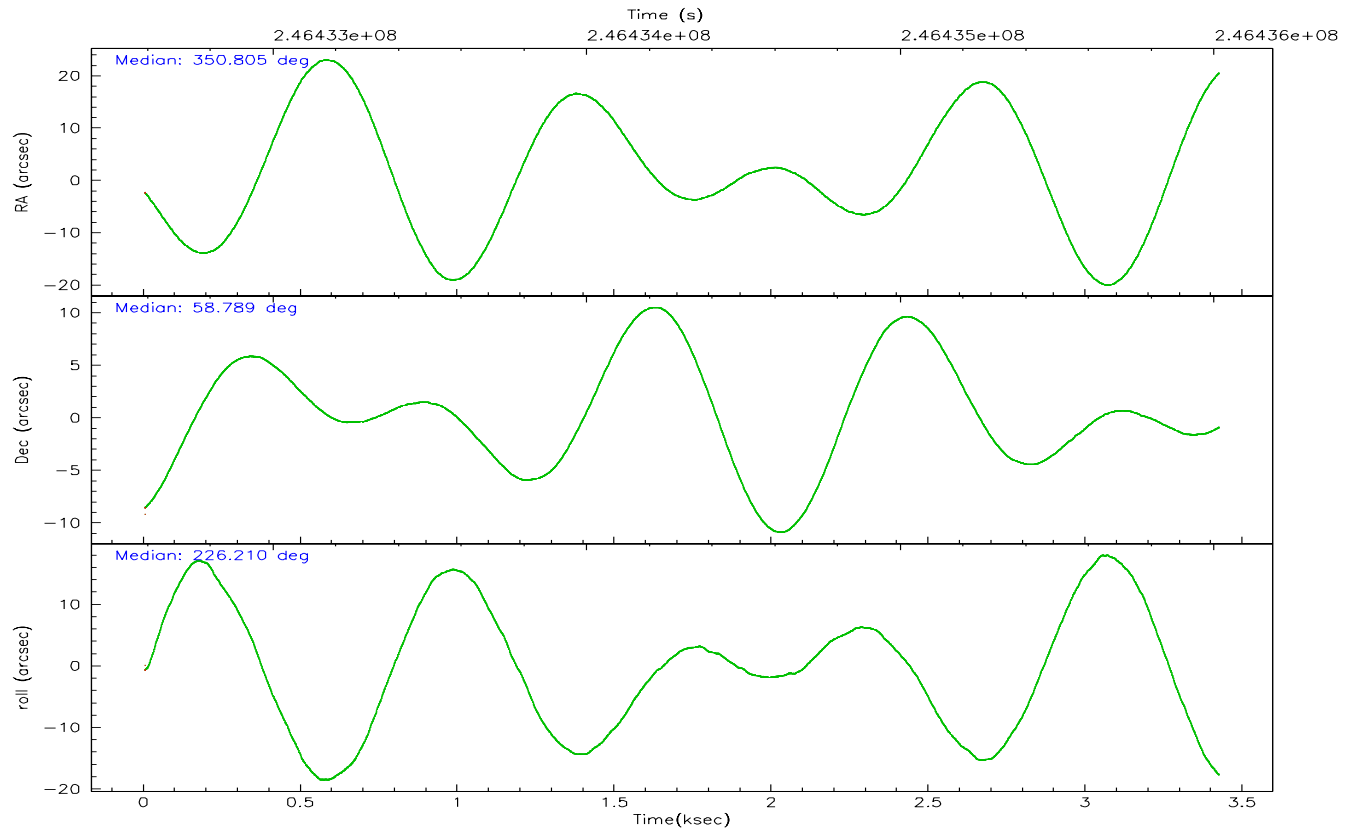
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	0	0	0	0	83331	0
	0%	0%	0%	0%	21%	0%
grade 1 events	0	0	0	0	1550	0
	0%	0%	0%	0%	0%	0%
grade 2 events	0	0	0	0	108293	0
	0%	0%	0%	0%	27%	0%
grade 3 events	0	0	0	0	39209	0
	0%	0%	0%	0%	10%	0%
grade 4 events	0	0	0	0	39194	0
	0%	0%	0%	0%	10%	0%
grade 5 events	0	0	0	0	7141	0
	0%	0%	0%	0%	1%	0%
grade 6 events	0	0	0	0	98525	0
	0%	0%	0%	0%	25%	0%
grade 7 events	0	0	0	0	14575	0
	0%	0%	0%	0%	3%	0%

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	350.816947	350.8049751608741	Alternating exposures requested	N	N
Pointing Dec	58.815633	58.78906344757367	Primary exposure time	0.000000	3.2
Pointing Roll	226.042116	226.2089976882243			
Window start time	241920064.184000	241920064.184000			
Window stop time	249696064.184000	249696064.184000			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	246434020.184000	246432399.29992			
Observation start date	2005-10-23T05:52:36	2005-10-23T05:26:39			
Observation end time	246436020.184000	246436209.73759			
Observation end date	2005-10-23T06:25:56	2005-10-23T06:30:09			
Read mode	TIMED	TIMED			

2.3 Aspect



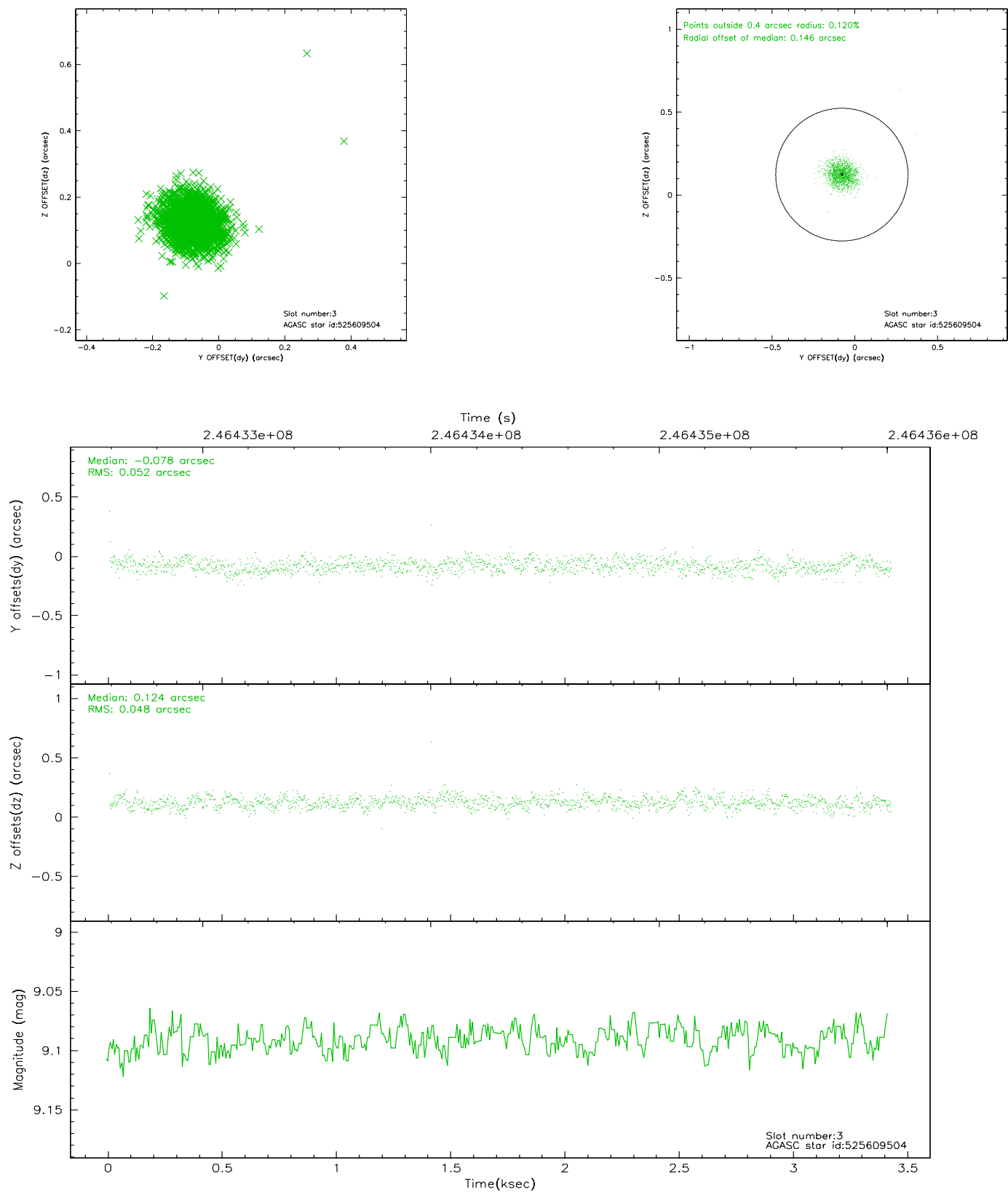


Slot Statistics

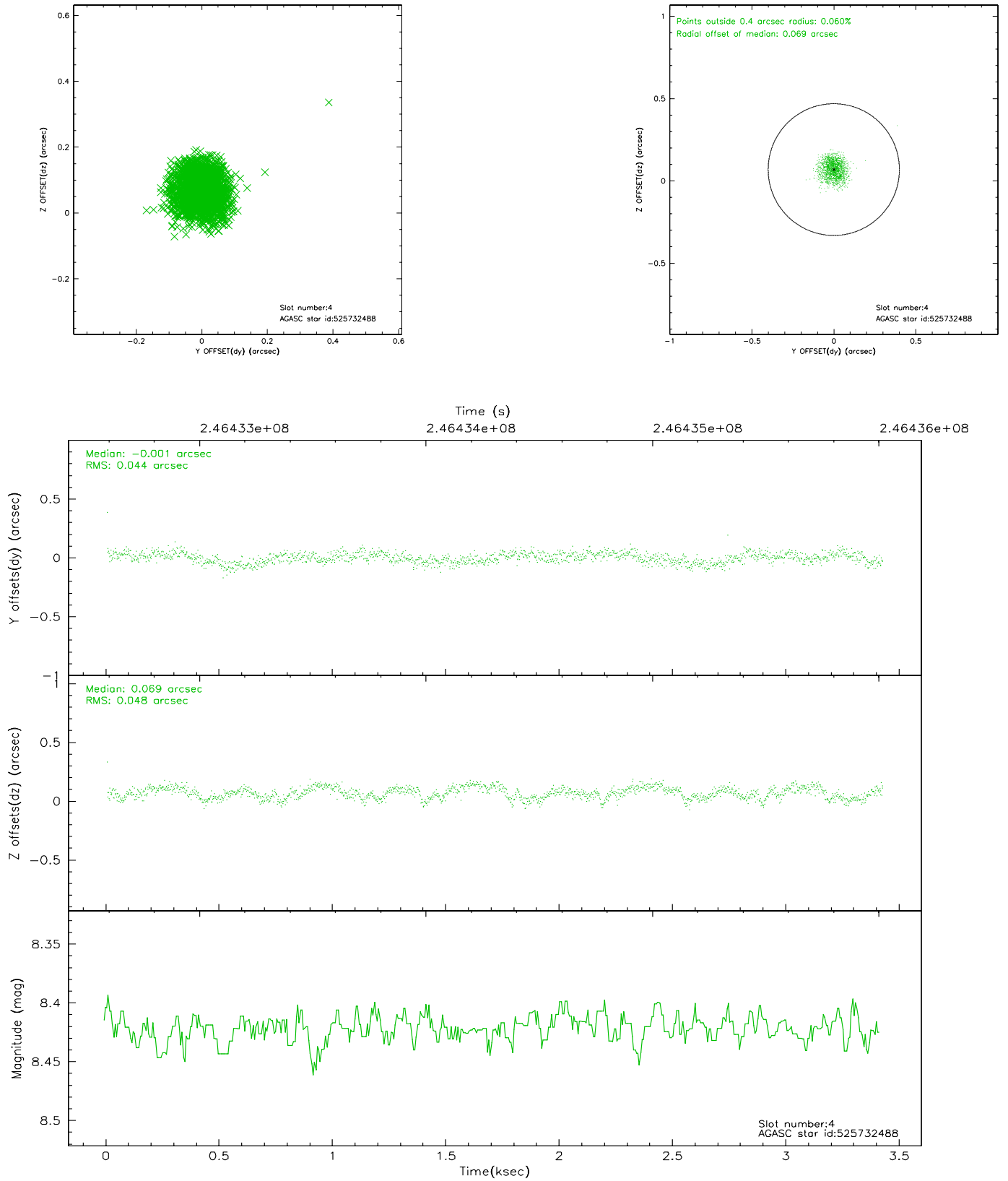
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	835	-0.041	0.001	0.008	0.012	0.000000	0.000000	-760.41	-1731.20
1	FID	ACIS-S-4	7.21	835	0.070	0.020	0.006	0.011	0.000000	0.000000	2152.09	175.47
2	FID	ACIS-S-5	7.23	835	-0.059	-0.012	0.009	0.015	0.000000	0.000000	-1810.94	171.11
3	GUIDE	525609504	9.09	1668	-0.078	0.124	0.073	0.114	349.896632	58.356658	2387.40	-112.31
4	GUIDE	525732488	8.42	1670	-0.001	0.069	0.069	0.106	350.087090	58.516915	1722.59	-246.17
5	GUIDE	525732528	9.37	1668	0.183	-0.005	0.090	0.146	351.607241	59.298932	-2265.58	-167.87
6	GUIDE	525735456	6.78	1664	-0.085	-0.030	0.043	0.071	350.628183	59.307249	-1034.95	-1478.34
7	GUIDE	525735976	8.85	1669	-0.016	-0.155	0.066	0.105	350.142956	58.277622	2274.65	420.83

2.4 Star Slots

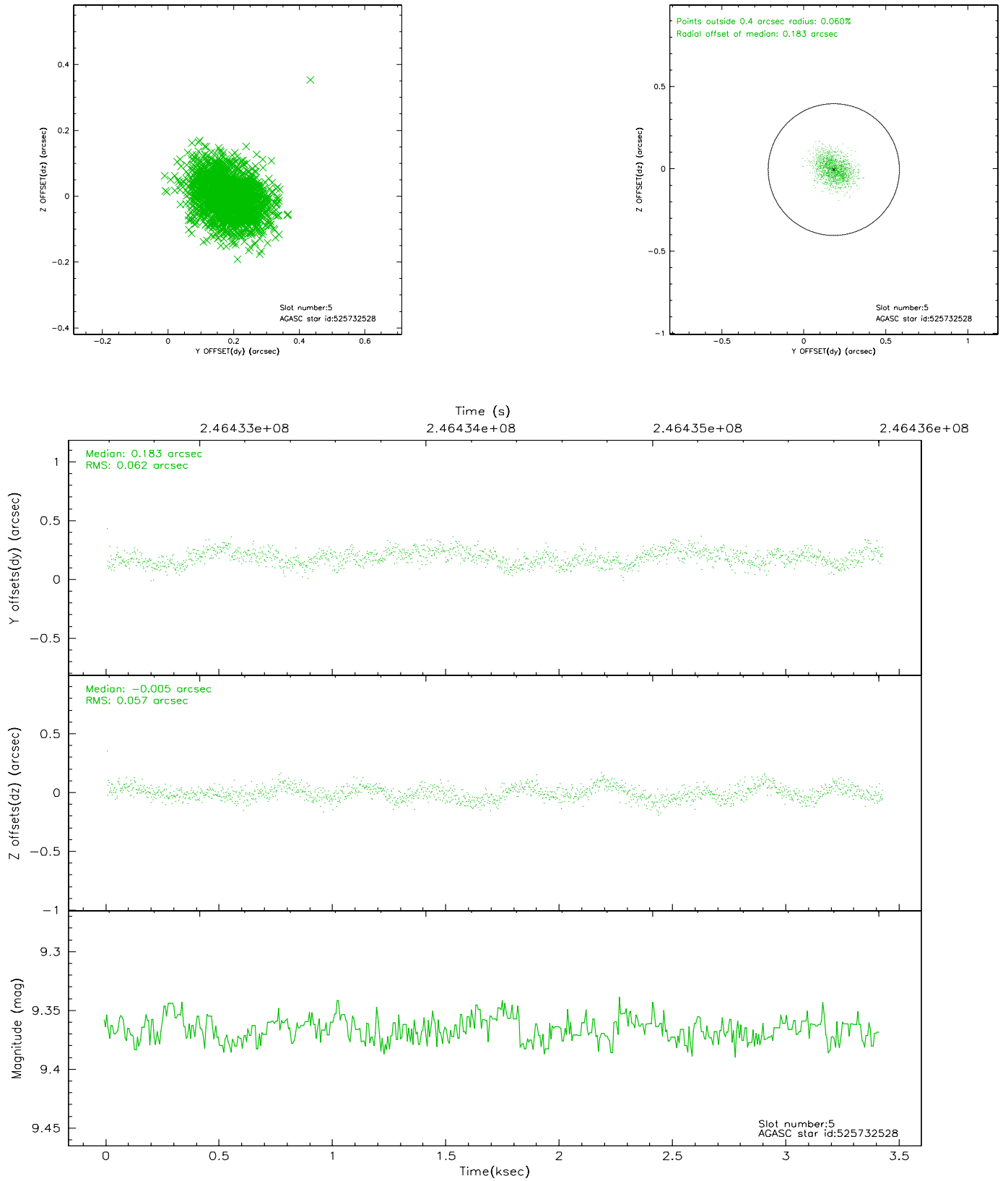
2.4.1 Slot 3



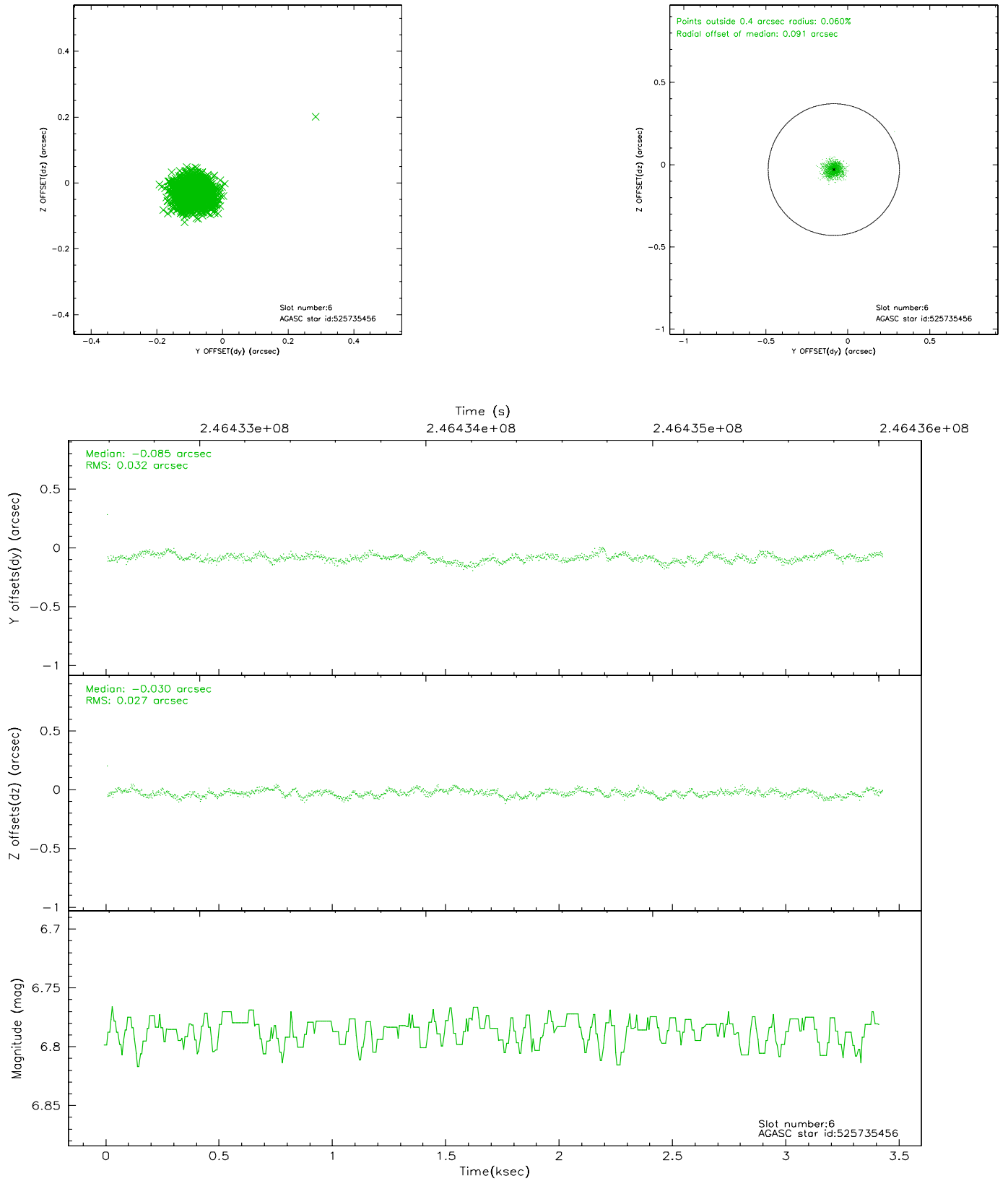
2.4.2 Slot 4



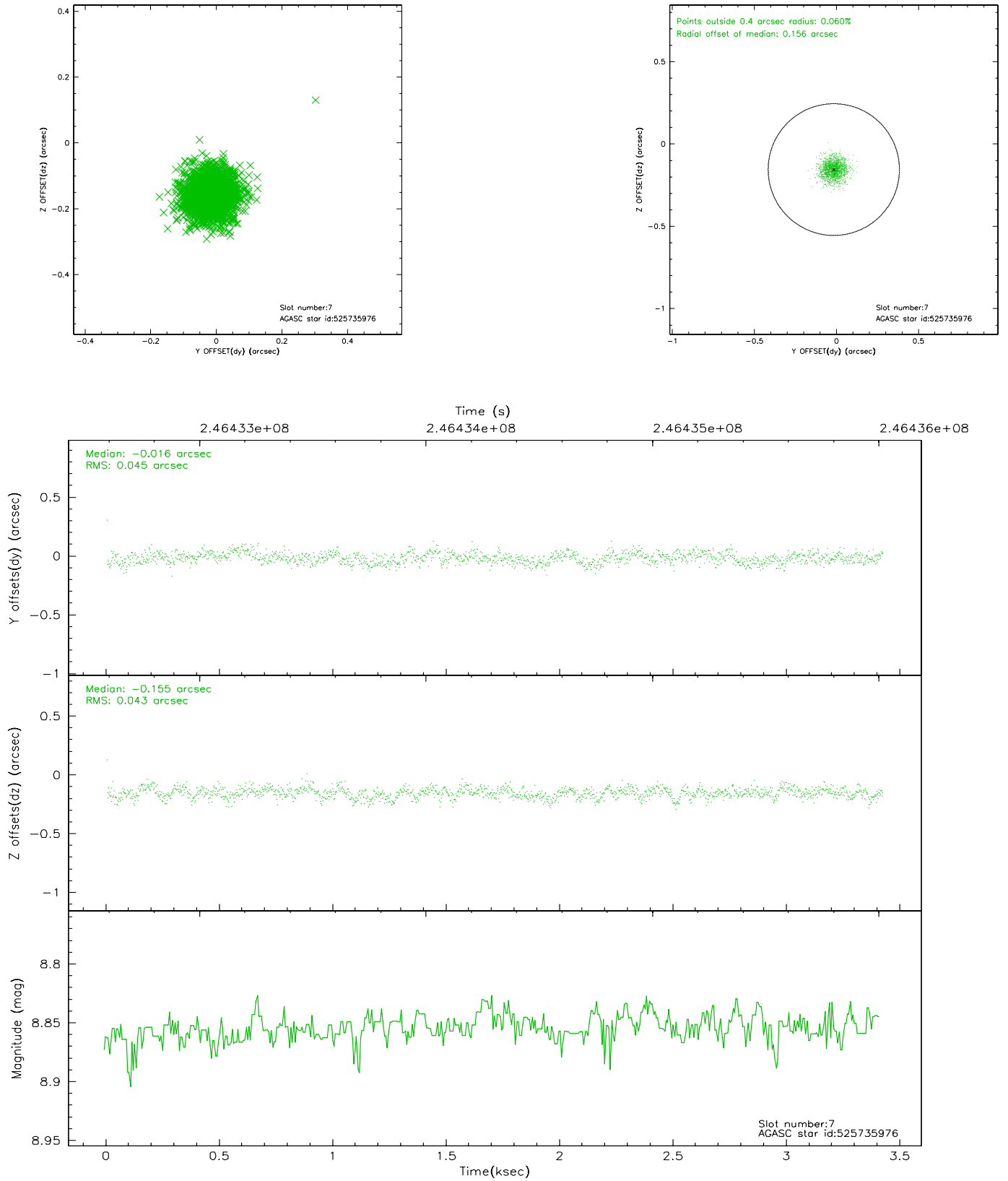
2.4.3 Slot 5



2.4.4 Slot 6

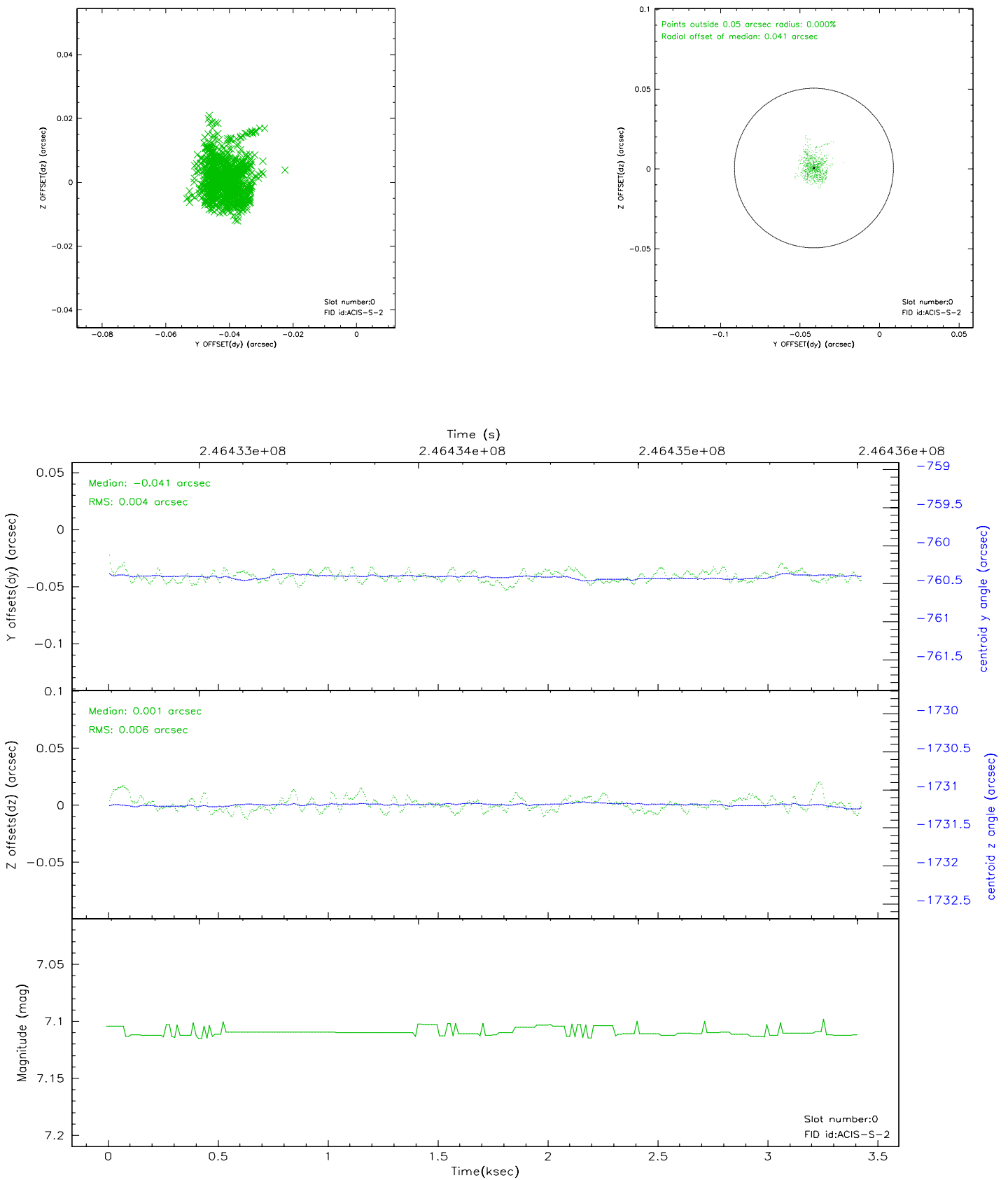


2.4.5 Slot 7

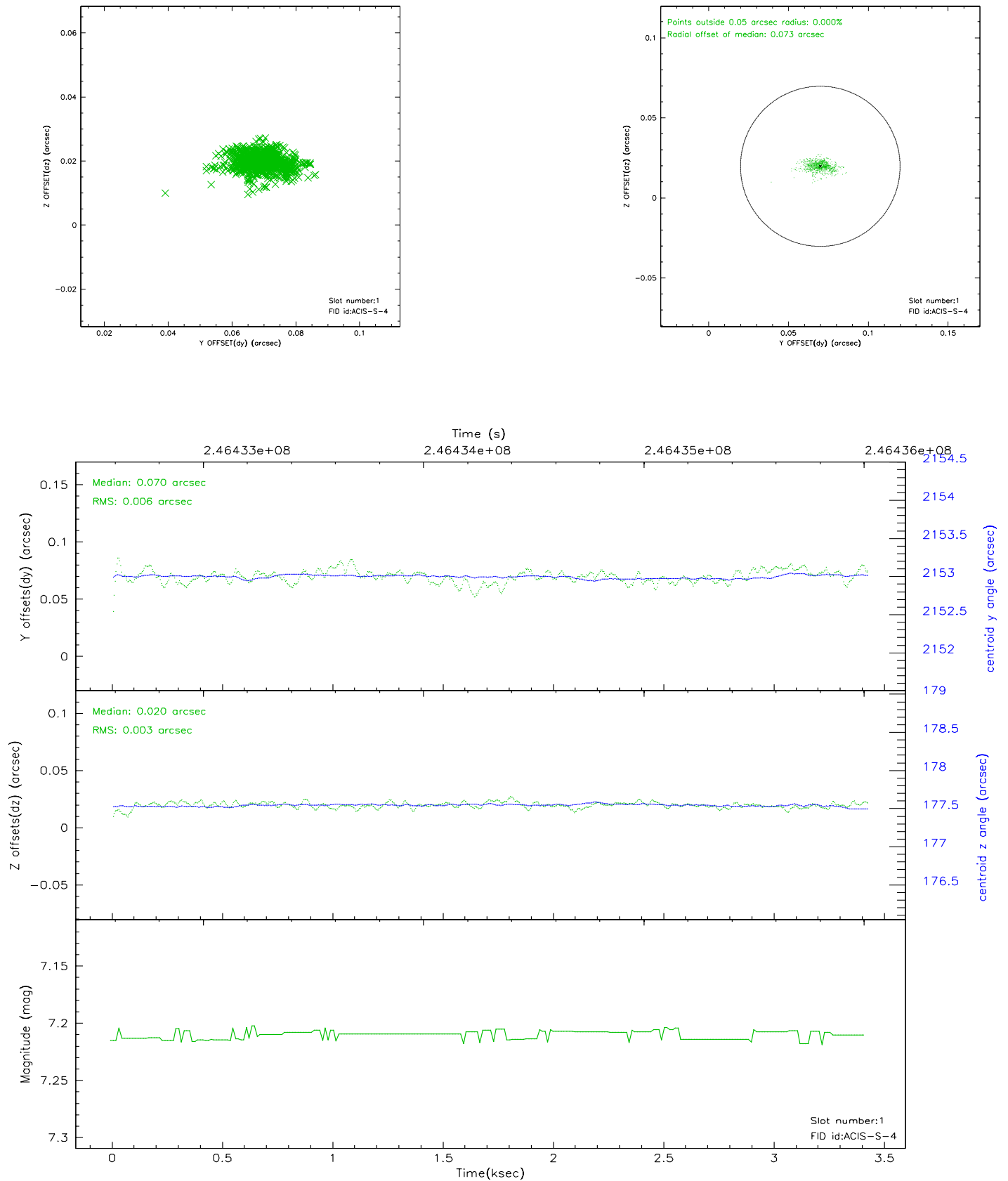


2.5 FID Slots

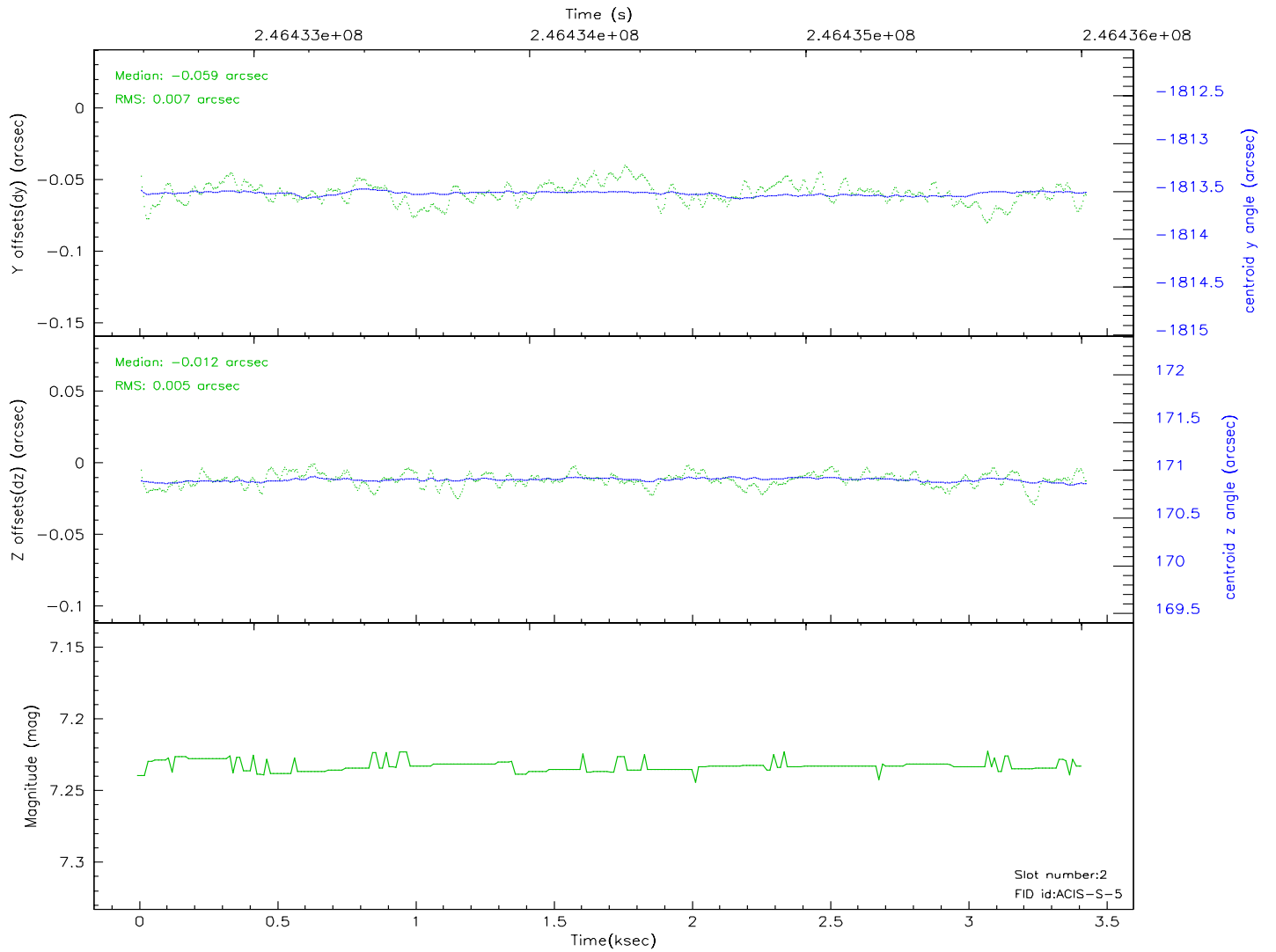
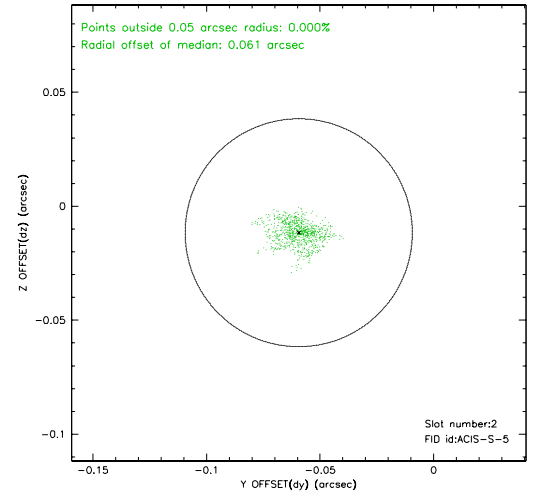
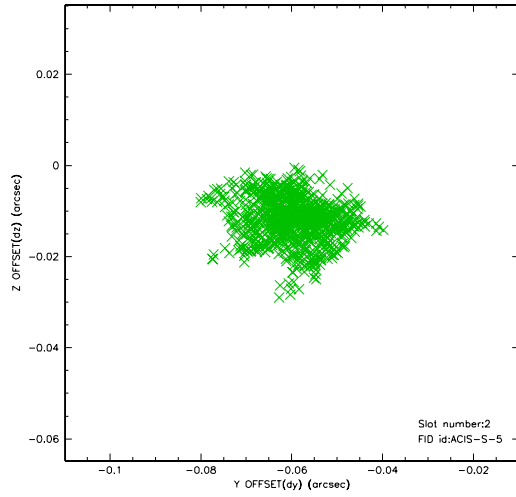
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.04.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.244316

A.2 Comments