

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6081 - L2 Version 002
Chandra X-Ray Center

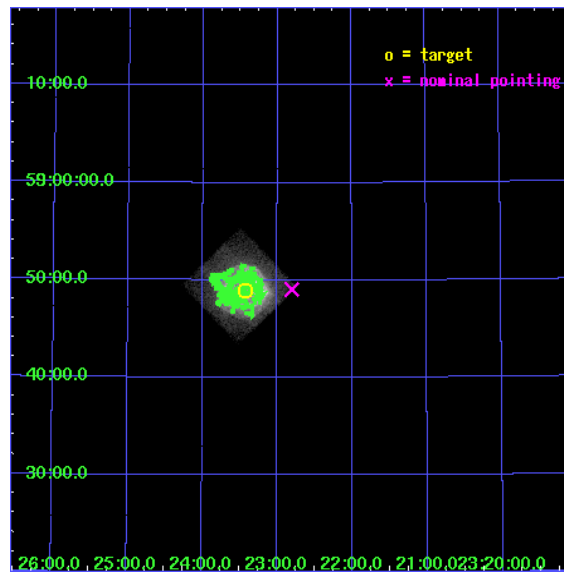
L2 Processing Date : Apr 2 2006

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1 Front

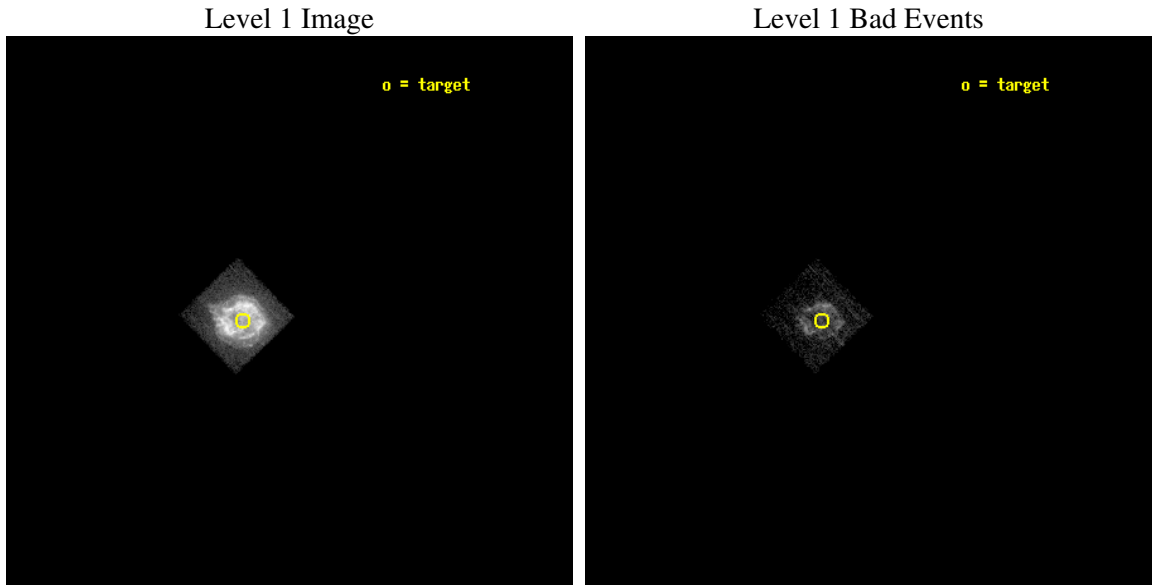
seq_num	590408
obs_id	6081
title	AO6B Observations of the Standard Candles Cas A and G21.5-09
observer	Dr. CXC Calibration
object	Cas A[I3,-120,-3.0,3.5,0]
dtcycle	0
cycle	P
ra_targ	350.8575
dec_targ	58.814833
ra_nom	350.7013491258
dec_nom	58.817587433655
roll_nom	226.2994670998
revision	2
ontime	1746.6568659544
livetime	1724.5396450072
ontime0	2140.7999920249
ontime1	2137.5590017438
ontime2	2140.7999920249
ontime3	1746.6568659544
ontime6	2140.7999920249
ontime7	2140.7999920249
l2events	361264



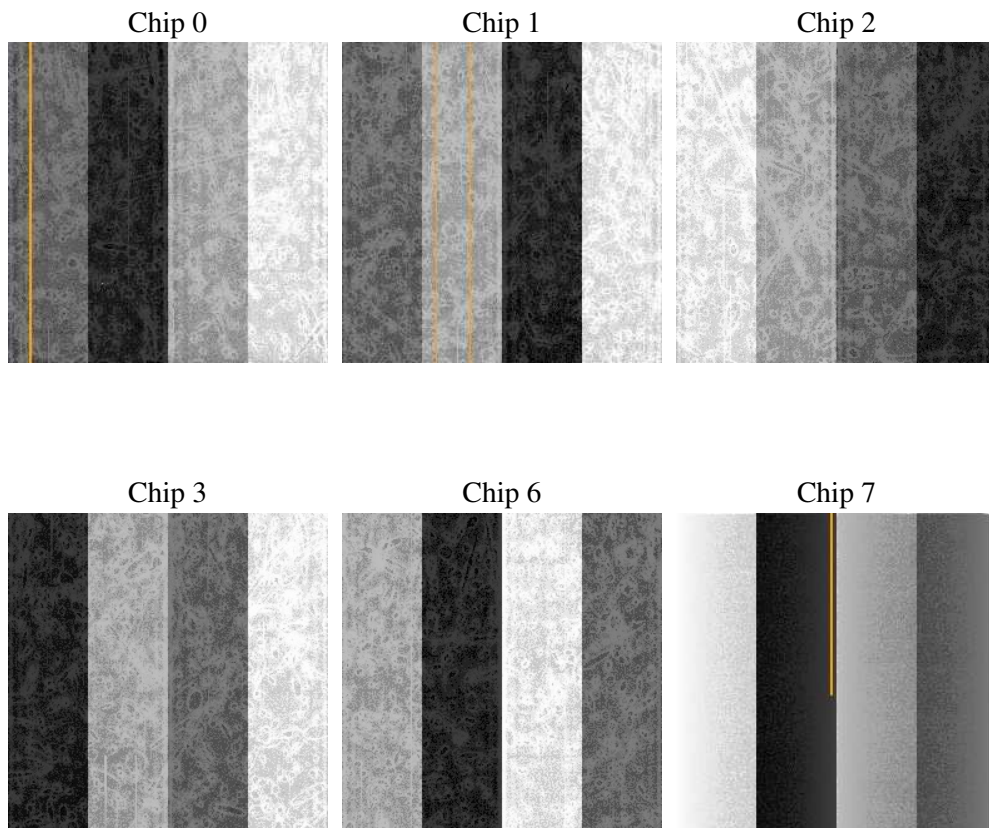
2 OBI

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	2006-04-02T16:55:56
revision	2

sched_exp_time	2000.000000
ontime	2459.9334945977
ontime0	2855.3344413638
ontime1	2852.0934510827
ontime2	2855.3344413638
ontime3	2459.9334945977
ontime6	2855.3344413638
ontime7	2855.3344413638
l1events	440671

2.1.4 Events

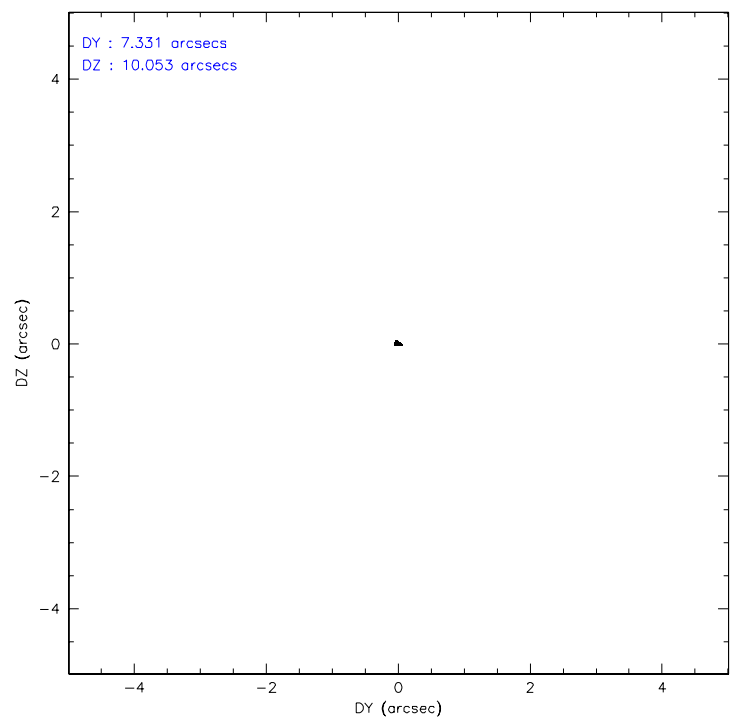
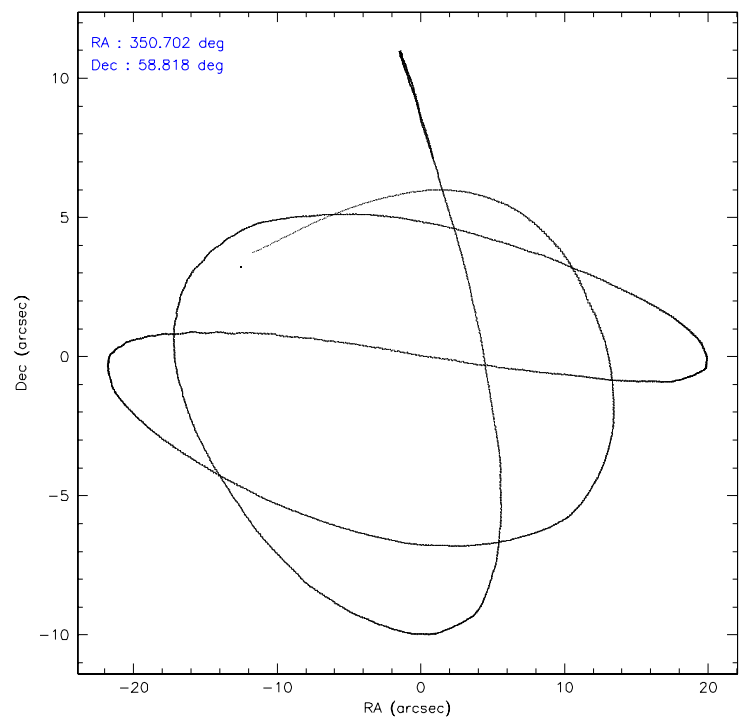
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	0	0	0	440671	0	0
rejected events	0	0	0	68824	0	0
rejected %	0%	0%	0%	15%	0%	0%

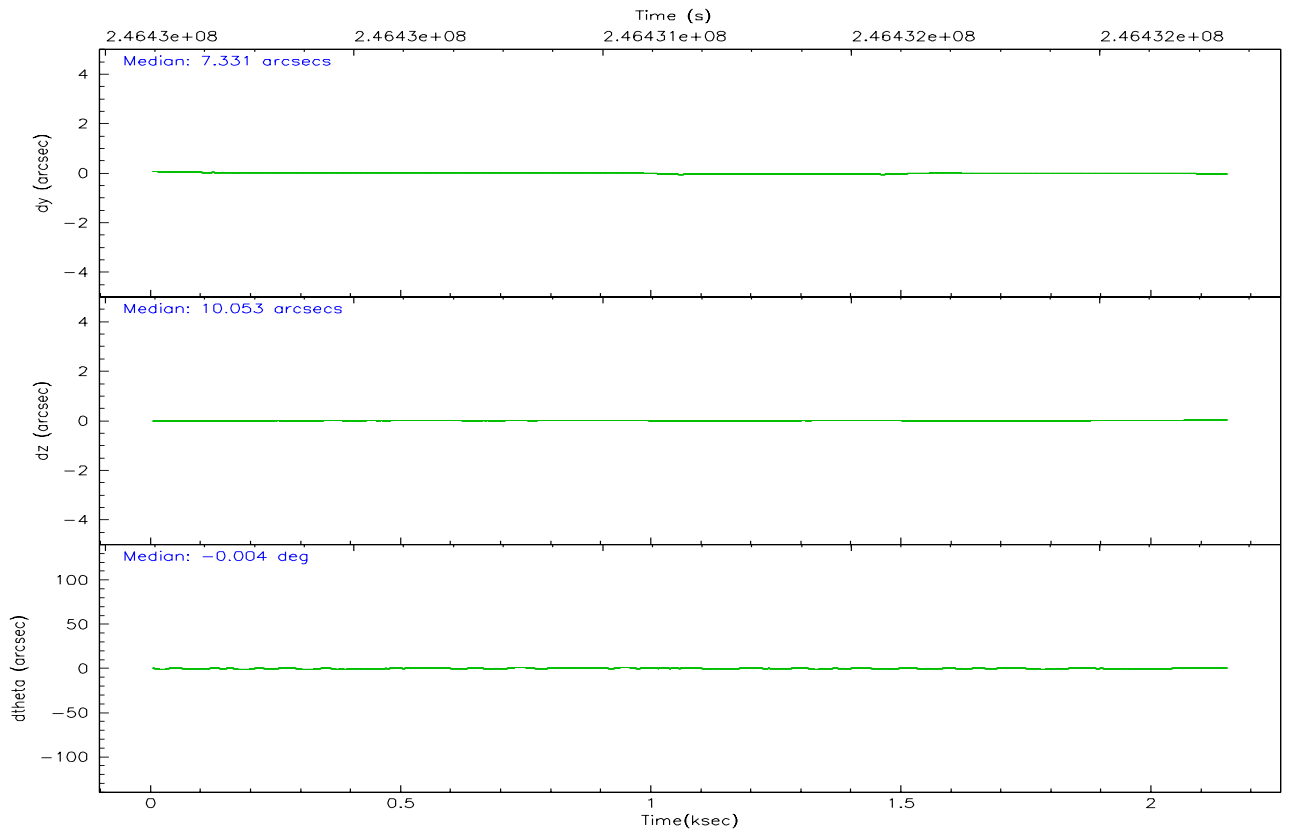
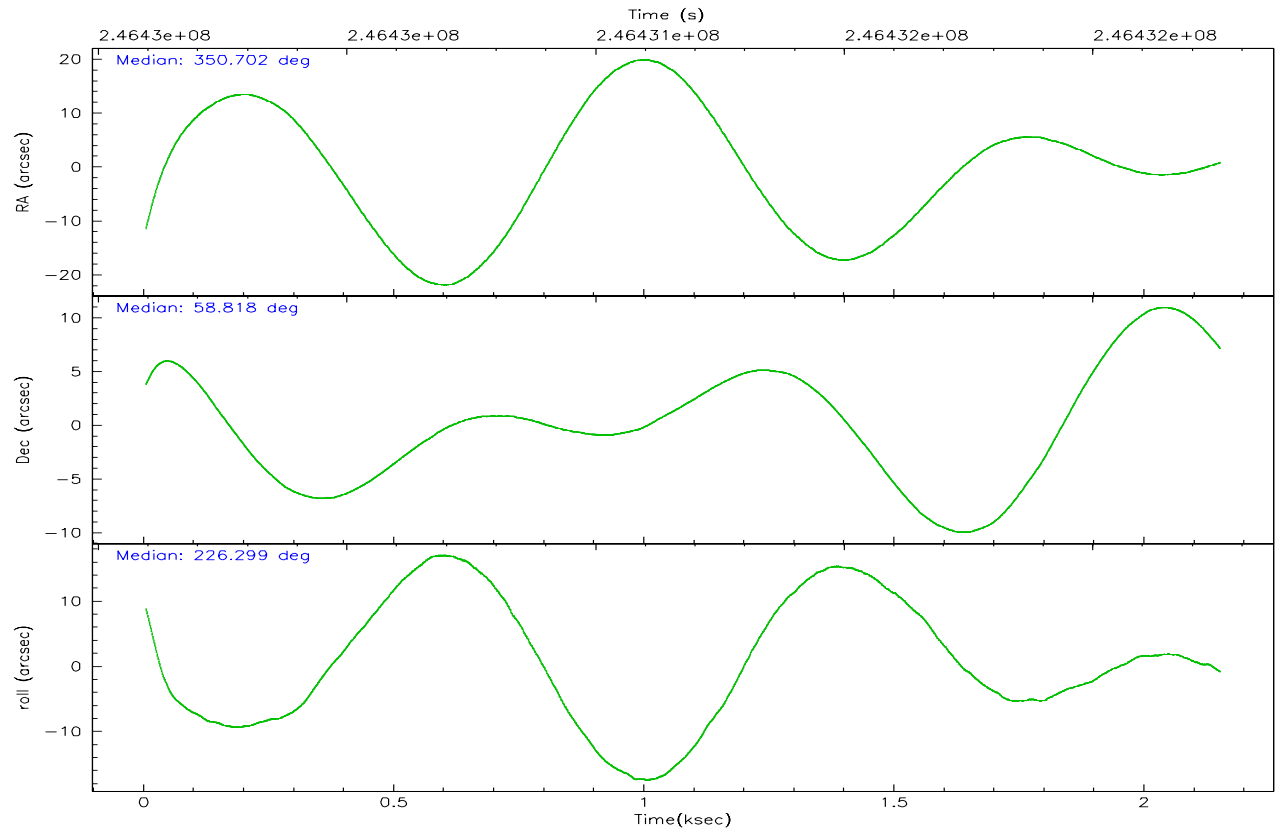
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	0	0	0	333975	0	0
	0%	0%	0%	75%	0%	0%
grade 1 events	0	0	0	5292	0	0
	0%	0%	0%	1%	0%	0%
grade 2 events	0	0	0	41677	0	0
	0%	0%	0%	9%	0%	0%
grade 3 events	0	0	0	13618	0	0
	0%	0%	0%	3%	0%	0%
grade 4 events	0	0	0	13404	0	0
	0%	0%	0%	3%	0%	0%
grade 5 events	0	0	0	3391	0	0
	0%	0%	0%	0%	0%	0%
grade 6 events	0	0	0	8370	0	0
	0%	0%	0%	1%	0%	0%
grade 7 events	0	0	0	20944	0	0
	0%	0%	0%	4%	0%	0%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	350.713470	350.7013491258019	Alternating exposures requested	N	N
Pointing Dec	58.844142	58.81758743365468	Primary exposure time	0.000000	3.2
Pointing Roll	226.080395	226.2994670997982			
Window start time	241920064.184000	241920064.184000			
Window stop time	249696064.184000	249696064.184000			
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	246430249.184000	246428839.98725			
Observation start date	2005-10-23T04:49:45	2005-10-23T04:27:19			
Observation end time	246432249.184000	246432399.29992			
Observation end date	2005-10-23T05:23:05	2005-10-23T05:26:39			
Read mode	TIMED	TIMED			

2.3 Aspect



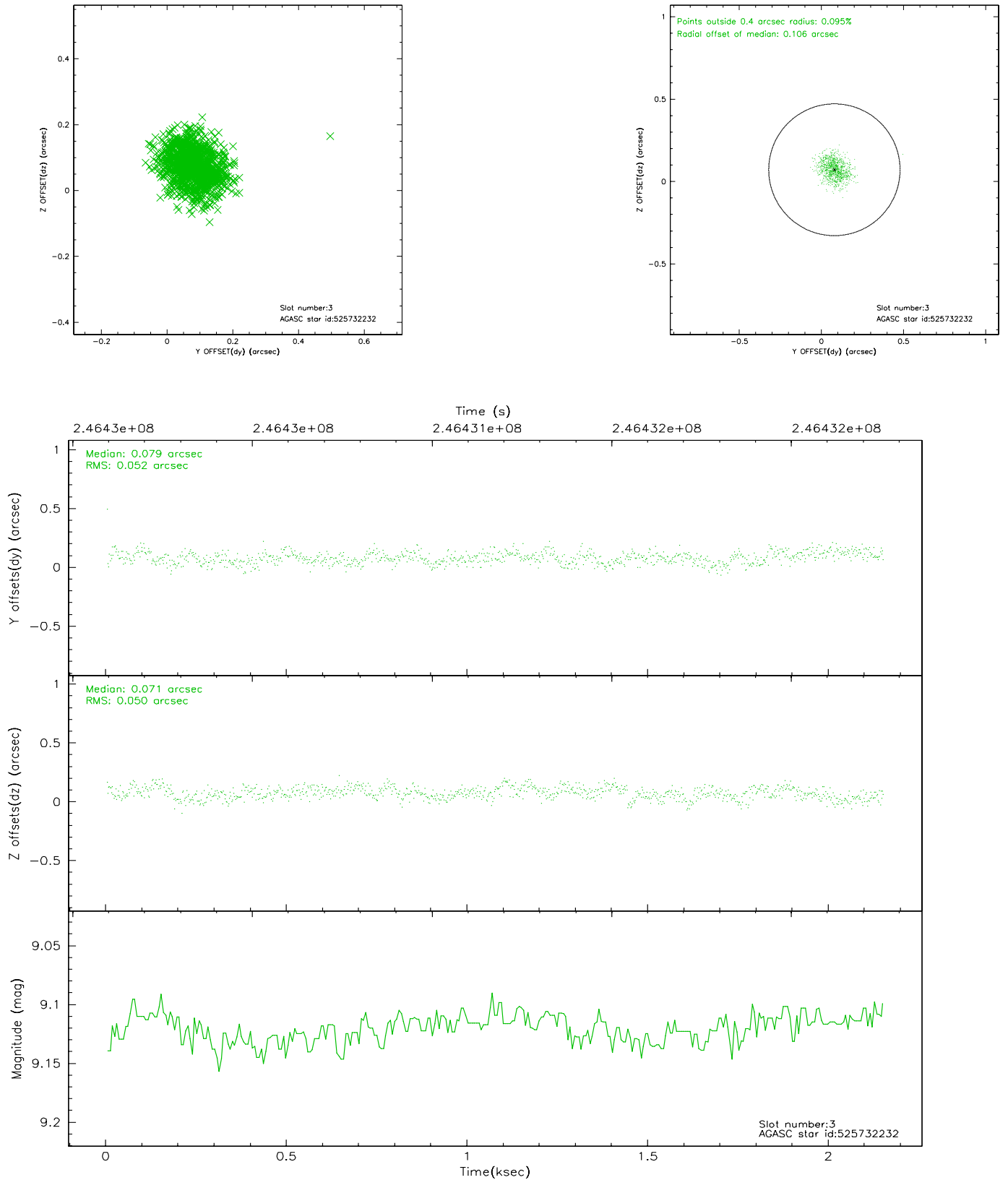


Slot Statistics

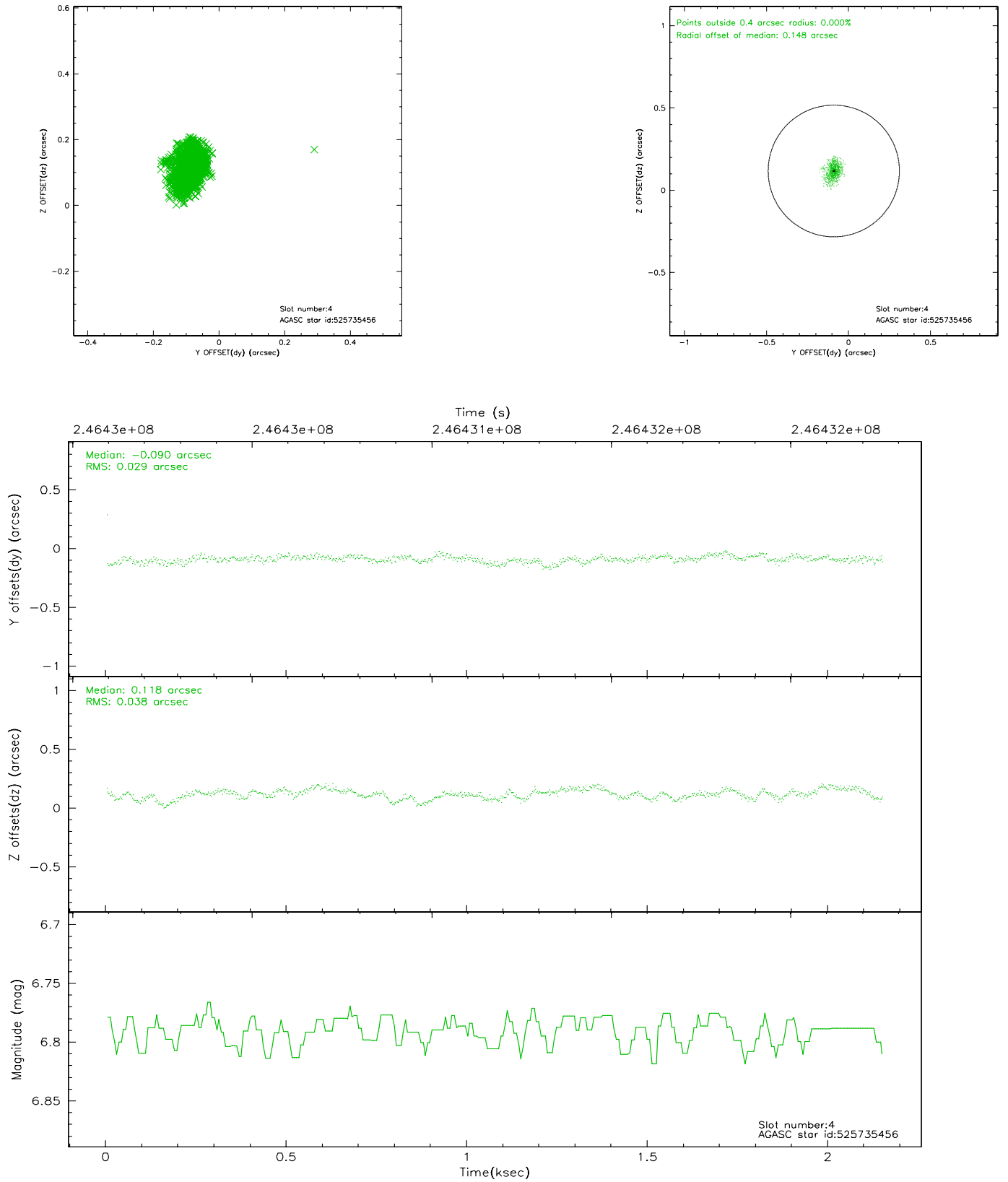
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	524	0.020	0.002	0.007	0.011	0.000000	0.000000	932.39	-833.50
1	FID	ACIS-I-5	7.23	524	-0.037	0.075	0.006	0.011	0.000000	0.000000	-1814.14	1062.47
2	FID	ACIS-I-6	7.25	524	-0.074	-0.006	0.007	0.010	0.000000	0.000000	394.47	1710.40
3	GUIDE	525732232	9.12	1049	0.079	0.071	0.077	0.122	351.669550	58.757012	-1020.83	1495.79
4	GUIDE	525735456	6.79	1049	-0.090	0.118	0.050	0.082	350.628183	59.307249	-1092.64	-1267.76
5	GUIDE	525735976	8.86	1049	-0.038	0.020	0.063	0.108	350.142956	58.277622	2214.47	632.56
6	GUIDE	525609504	9.08	1044	-0.130	-0.027	0.070	0.114	349.896632	58.356658	2330.18	100.14
7	GUIDE	525732528	9.35	1048	0.179	-0.181	0.099	0.159	351.607241	59.298932	-2323.62	40.01

2.4 Star Slots

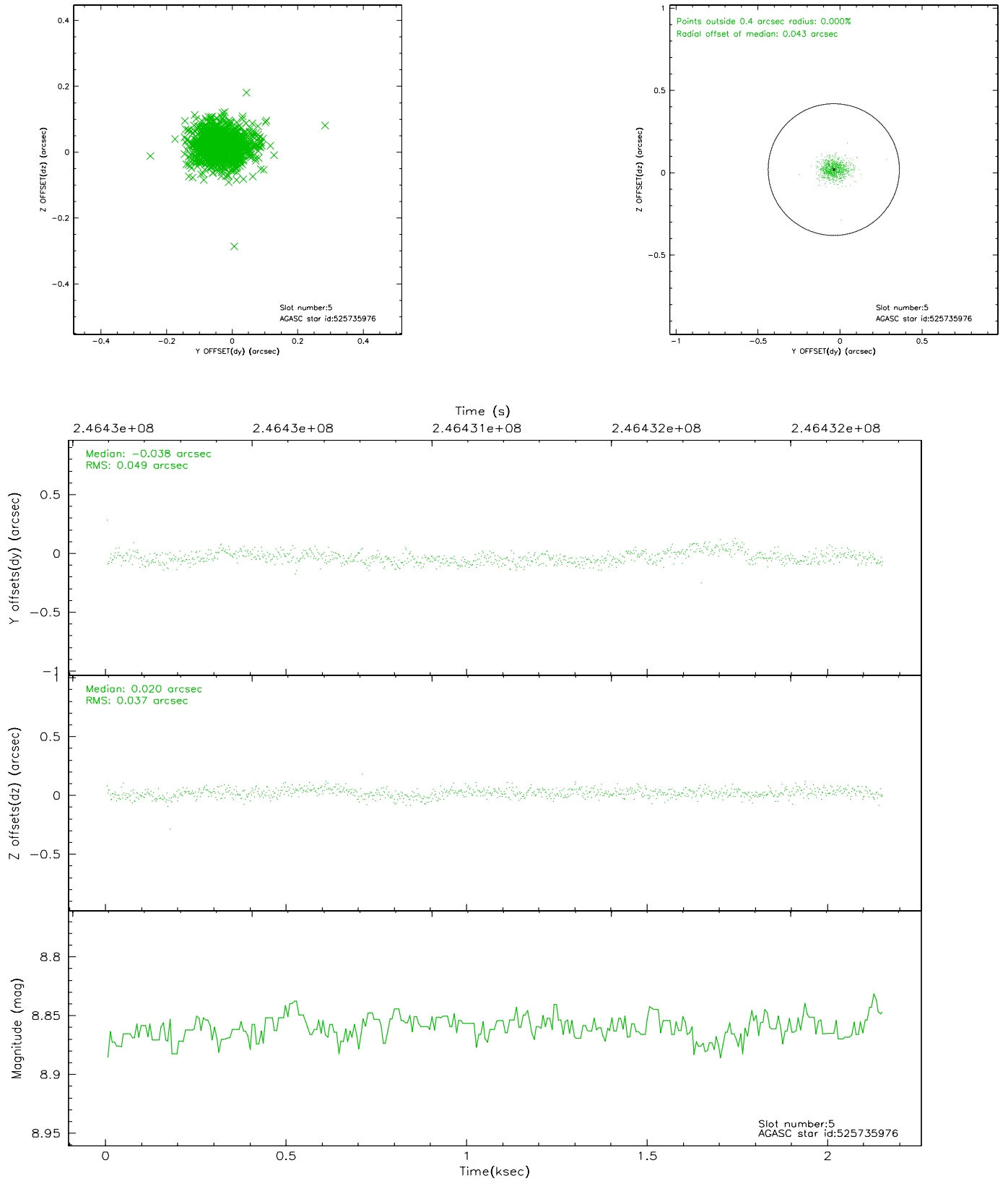
2.4.1 Slot 3



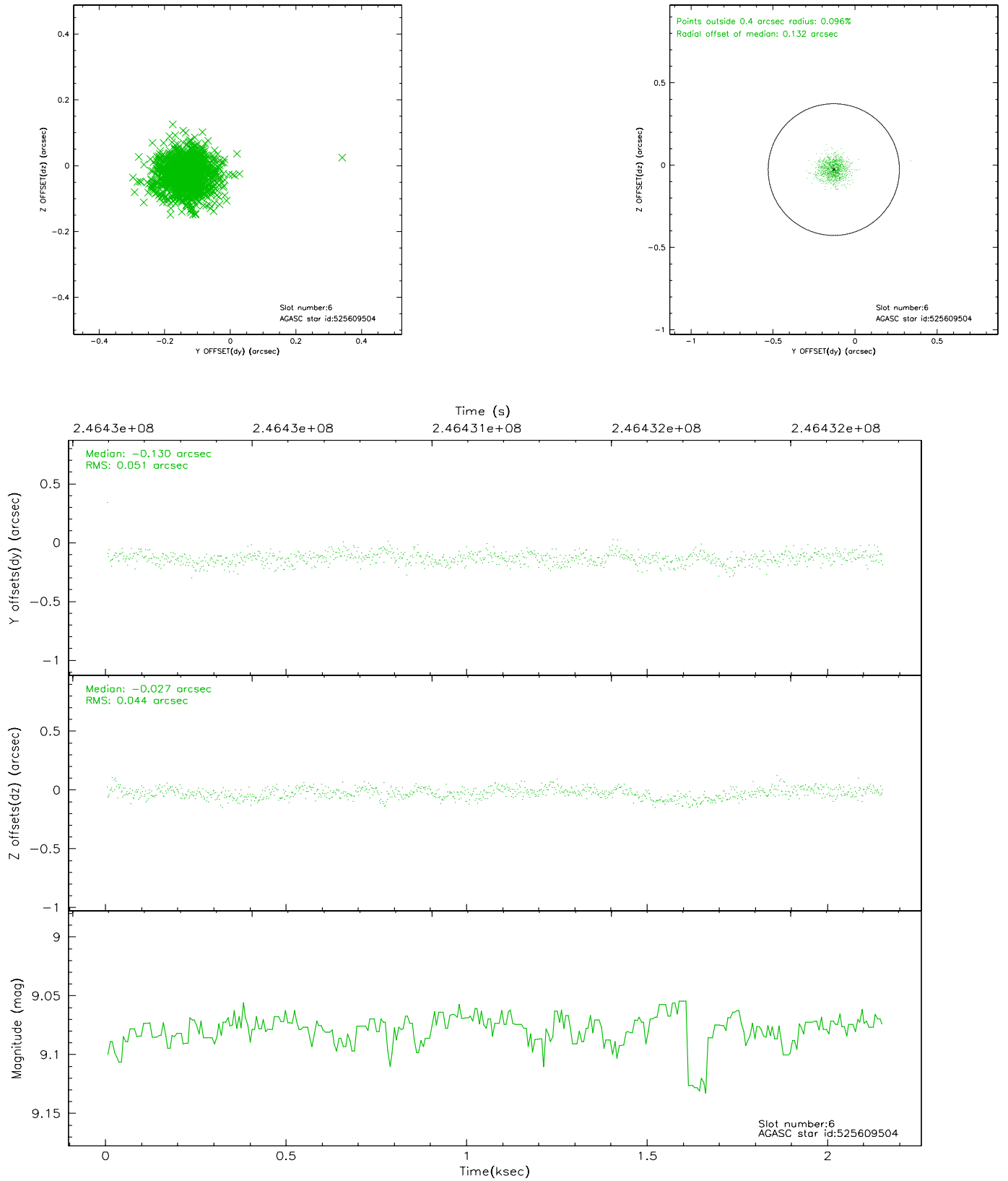
2.4.2 Slot 4



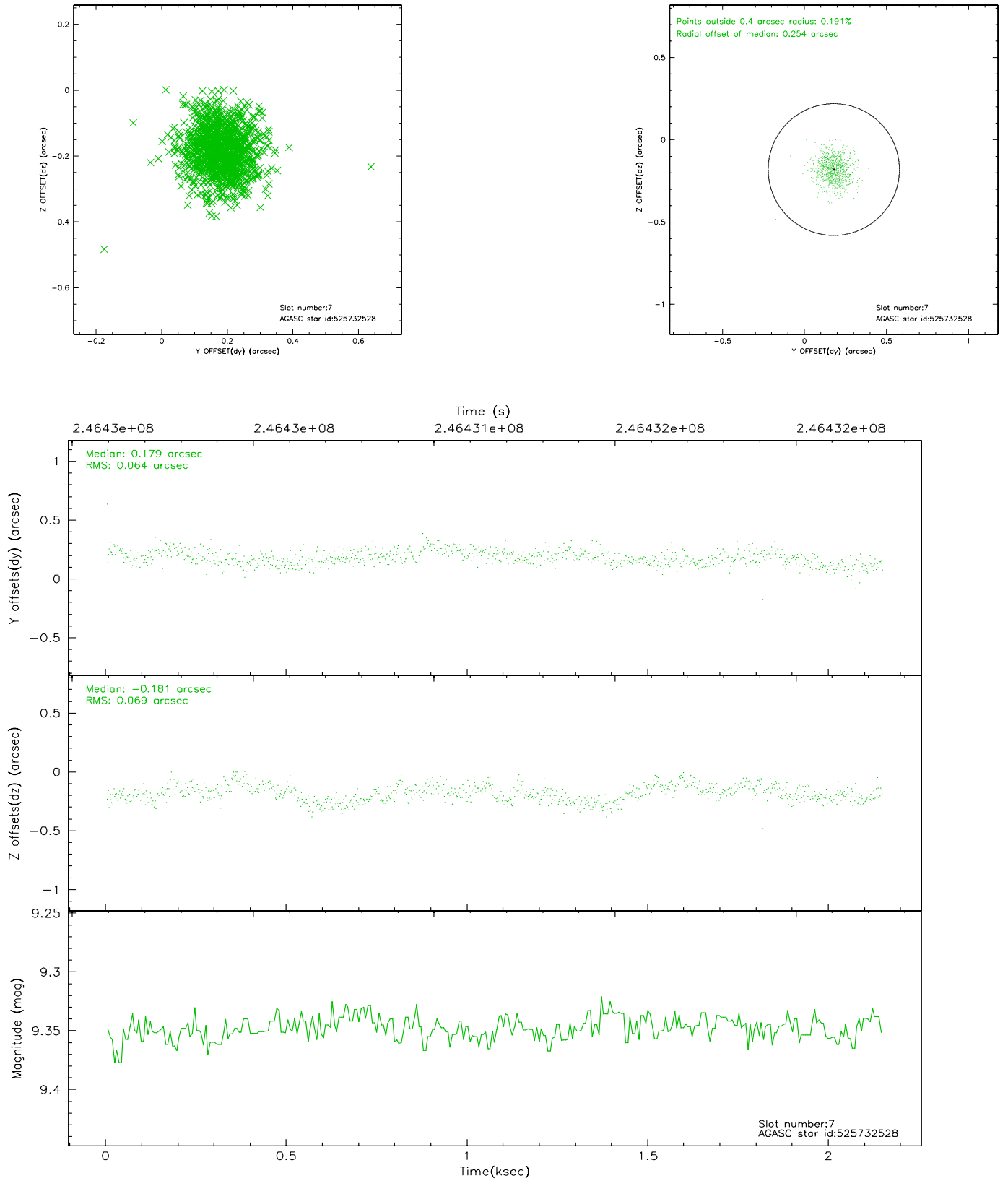
2.4.3 Slot 5



2.4.4 Slot 6

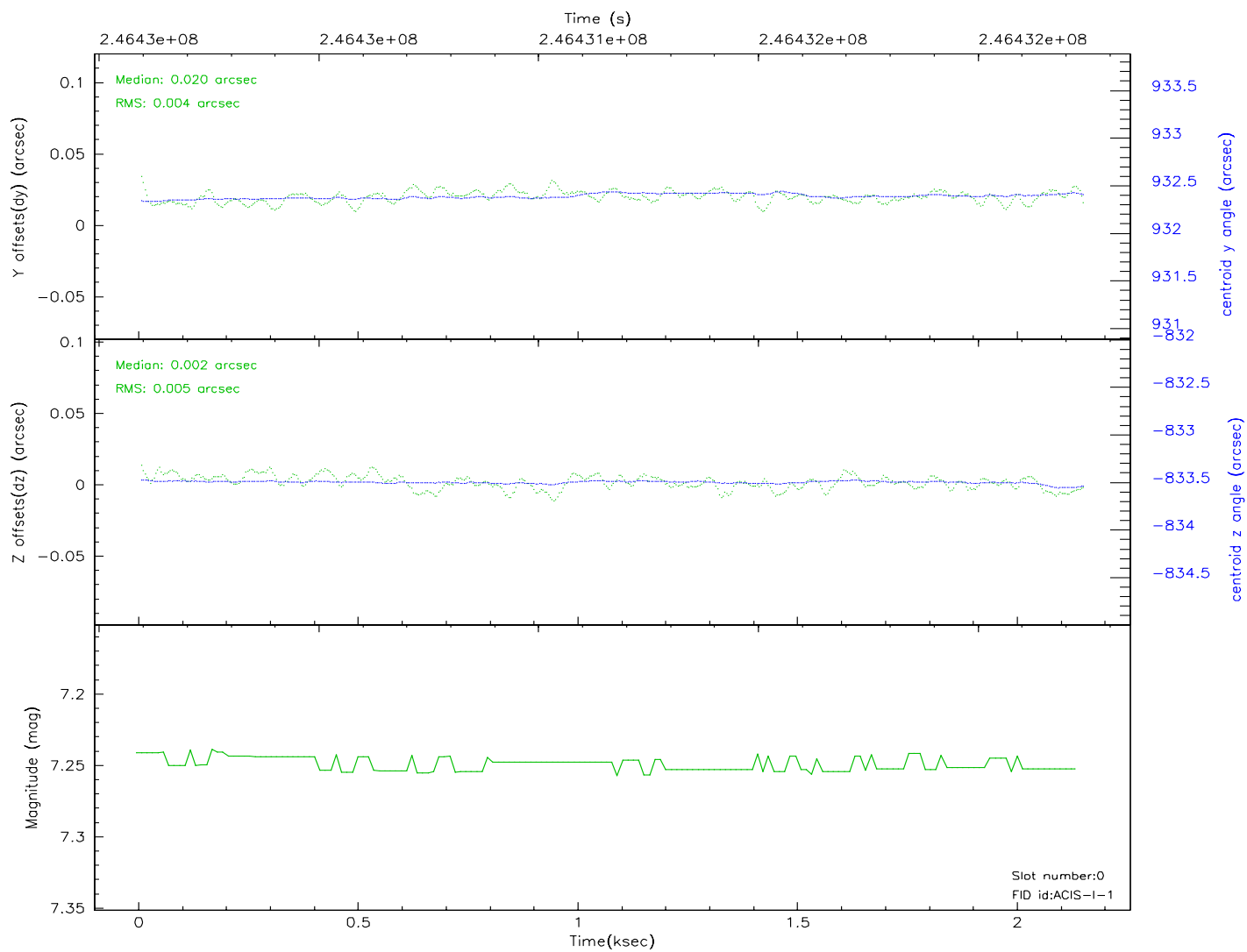
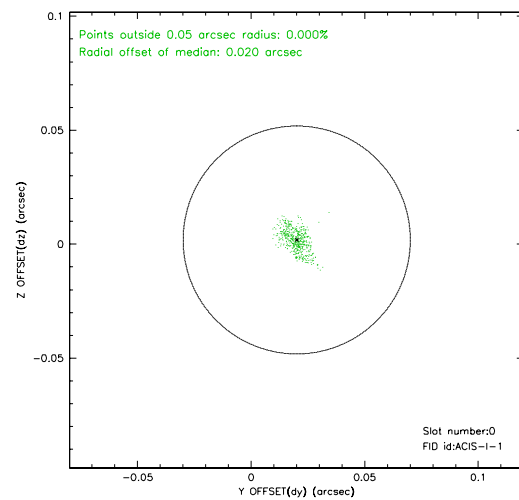
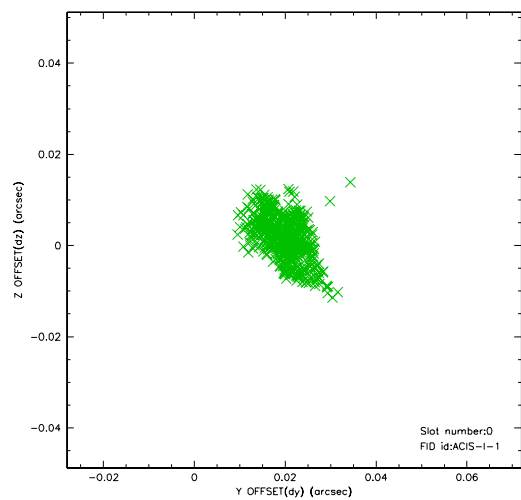


2.4.5 Slot 7

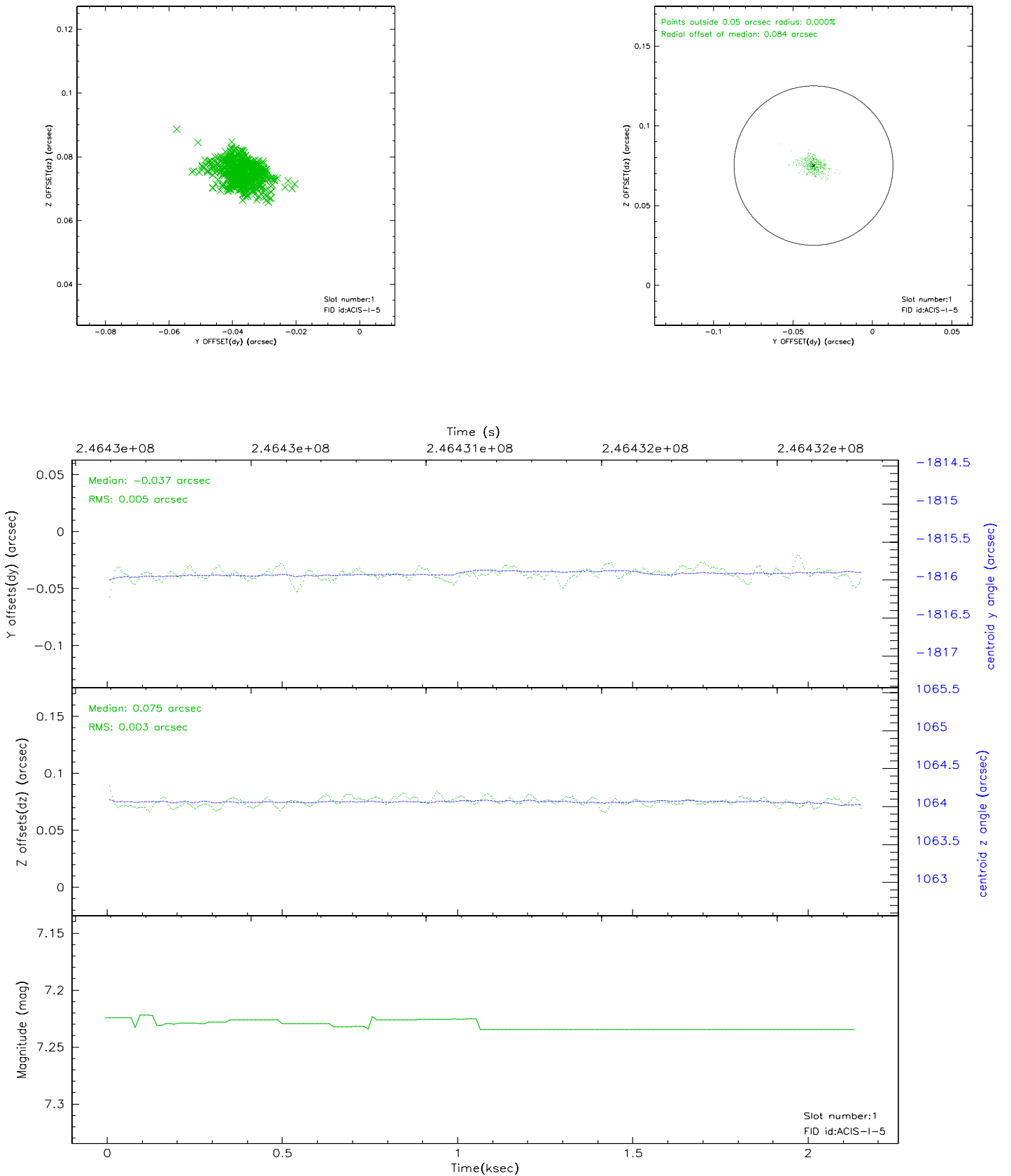


2.5 FID Slots

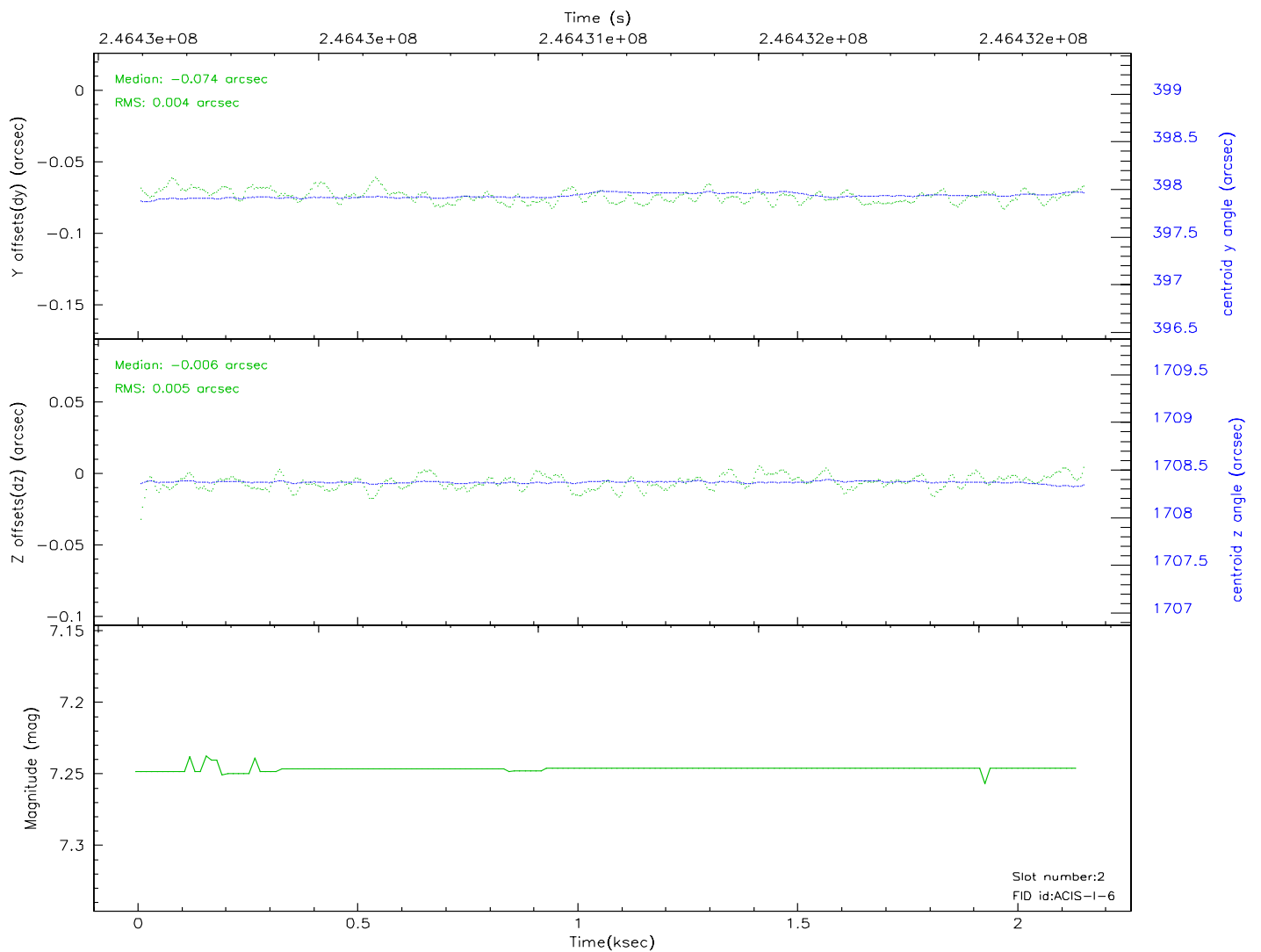
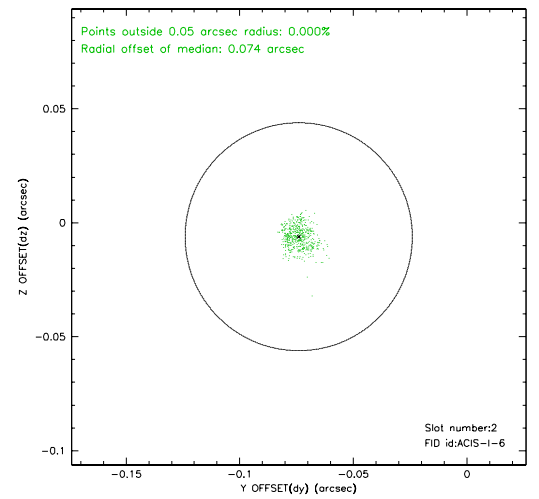
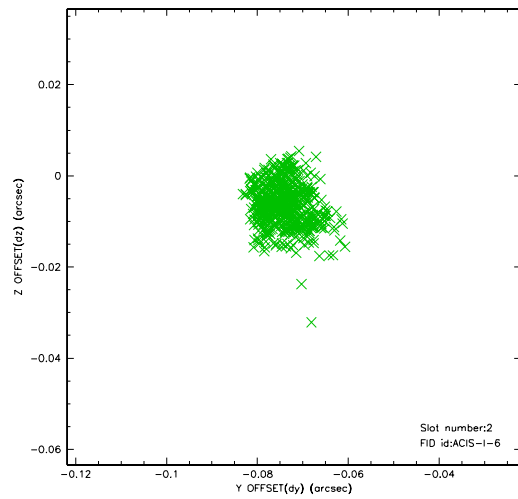
2.5.1 Slot 0



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	1.746656

A.2 Comments