

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2205 - L2 Version 001
Chandra X-Ray Center

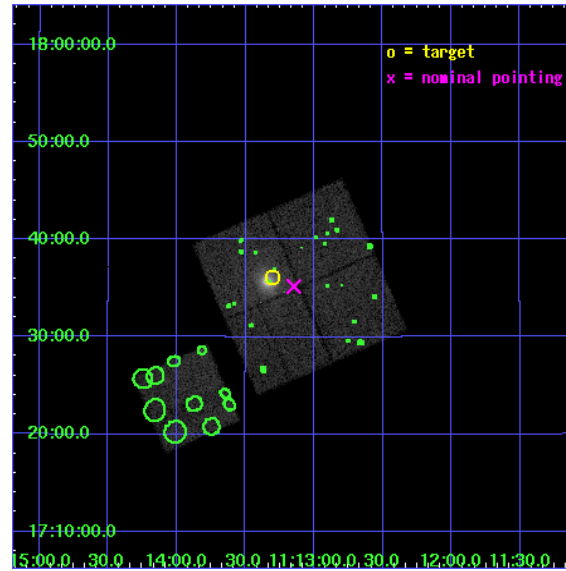
L2 Processing Date : Nov 25 2006

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1 Front

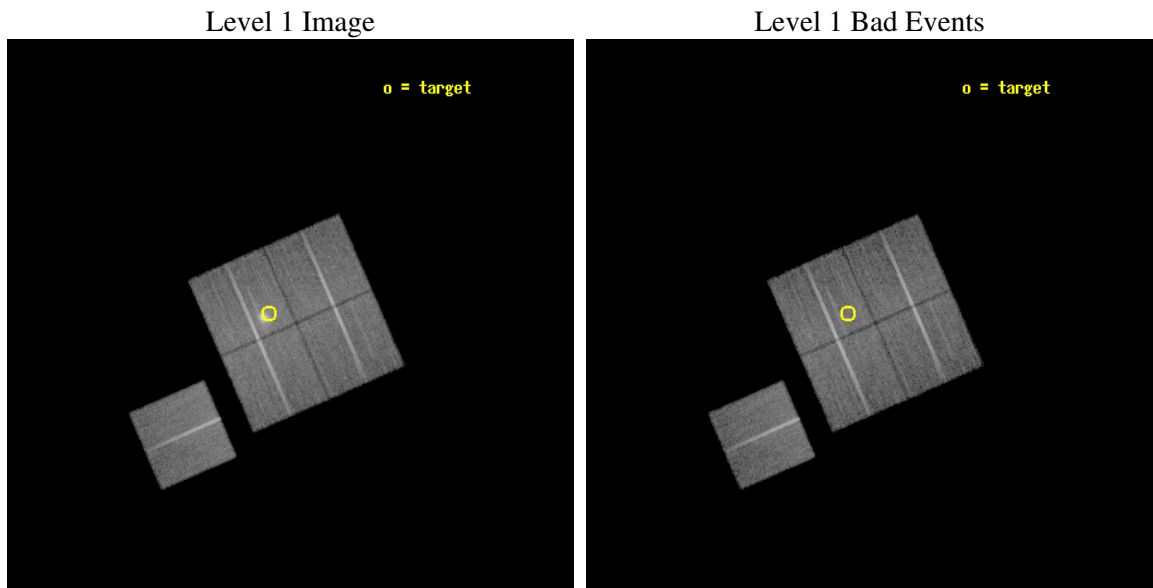
seq_num	800144
obs_id	2205
title	THE VARIATION OF BARYON FRACTIONS AMONGST GALAXY CLUSTERS: THE CASE OF ABELL 1204
observer	Dr Caleb Scharf
object	ABELL 1204
dtcycle	0
cycle	P
ra_targ	168.325
dec_targ	17.6025
ra_nom	168.28682411
dec_nom	17.58638486234
roll_nom	246.48337517059
revision	3
ontime	23907.158993796
livetime	23594.794361347
ontime0	23910.299954027
ontime1	23910.299954027
ontime2	23904.018033534
ontime3	23907.158993796
ontime6	23910.299954027
l2events	100246



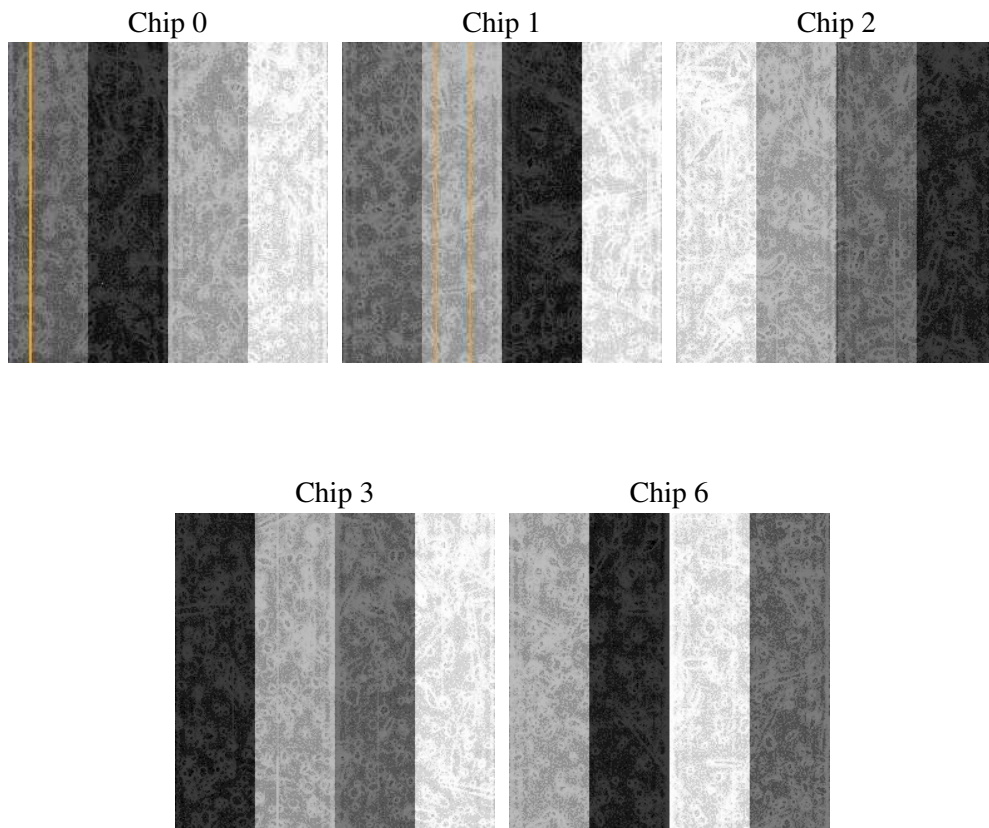
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-25T04:43:18
revision	3

sched_exp_time	23800.000000
ontime	23909.285781235
ontime0	23912.426741466
ontime1	23912.426741466
ontime2	23906.144801065
ontime3	23909.285781235
ontime6	23912.426741466
l1events	785844

2.1.4 Events

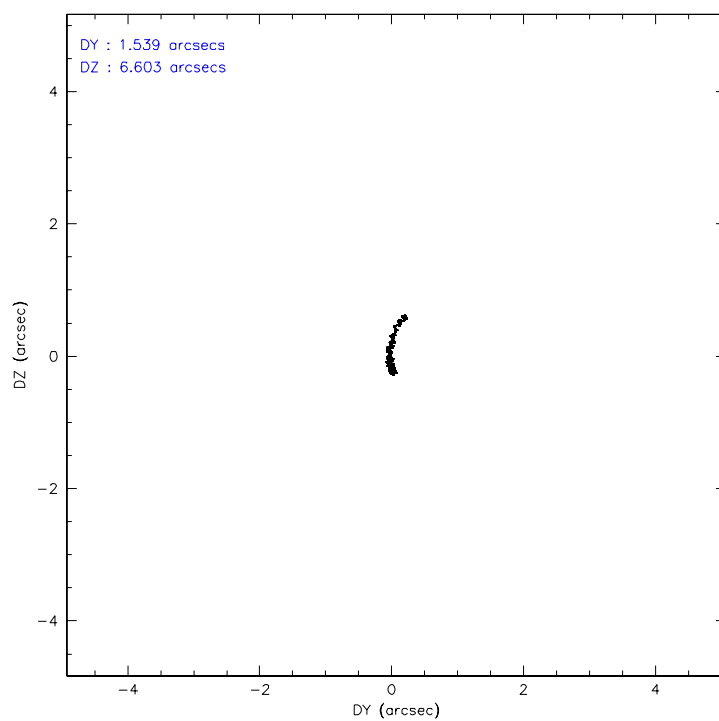
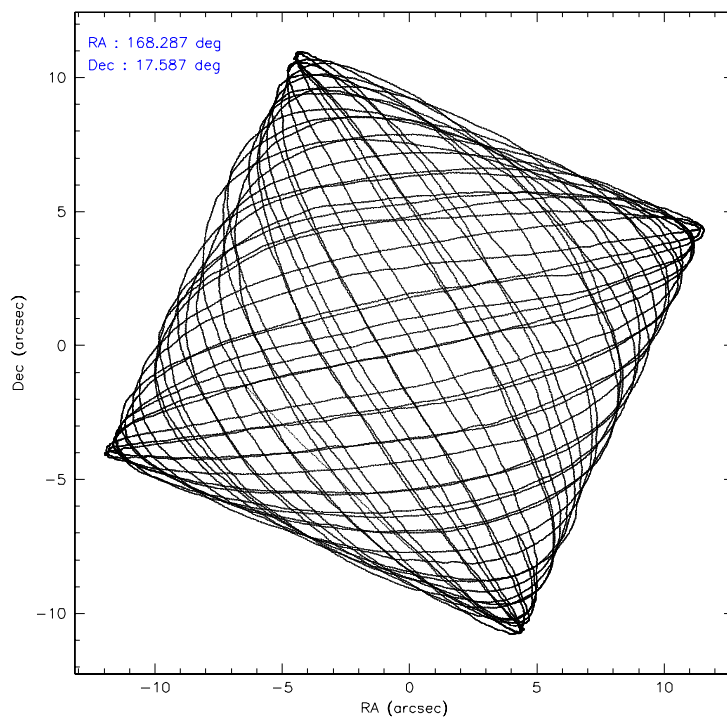
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	144526	144015	157771	183684	155848
rejected events	126255	124972	139889	142445	138589
rejected %	87%	86%	88%	77%	88%

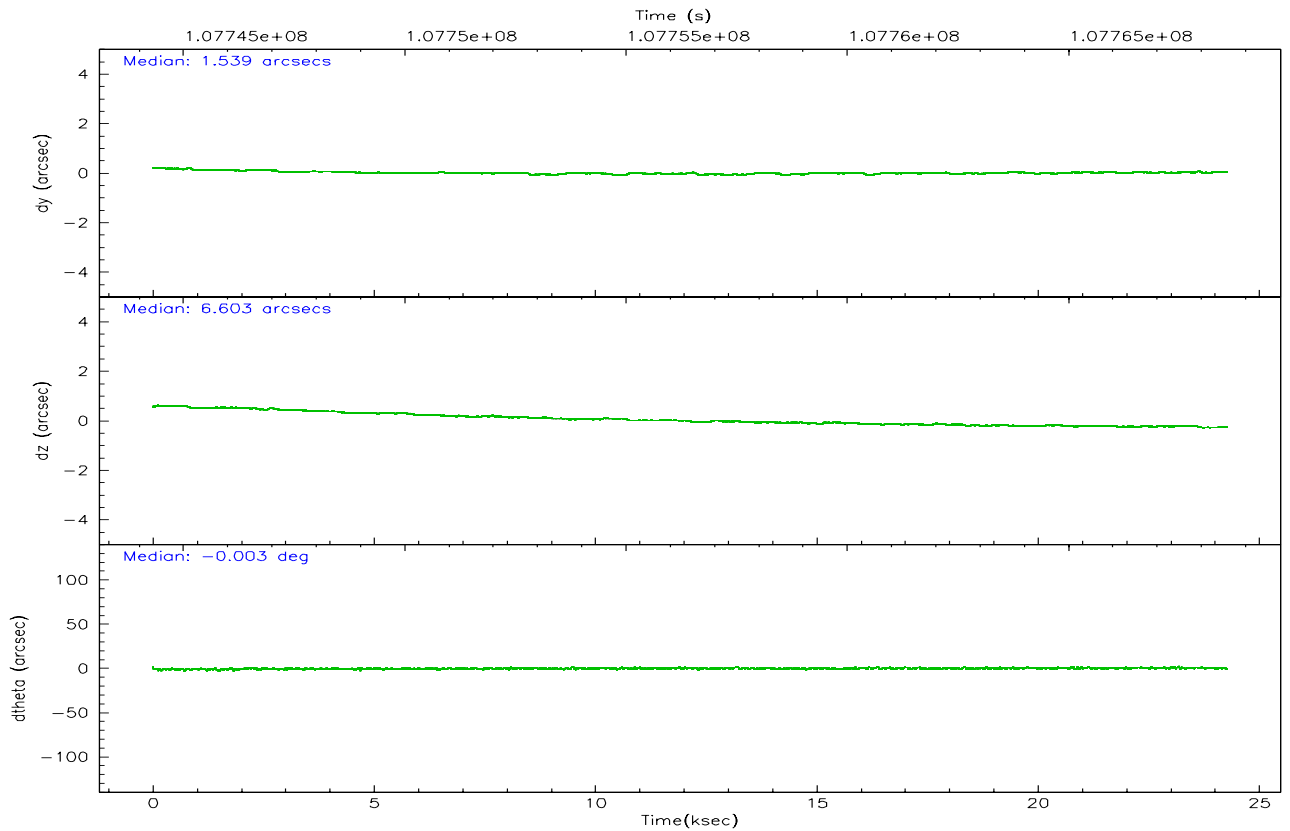
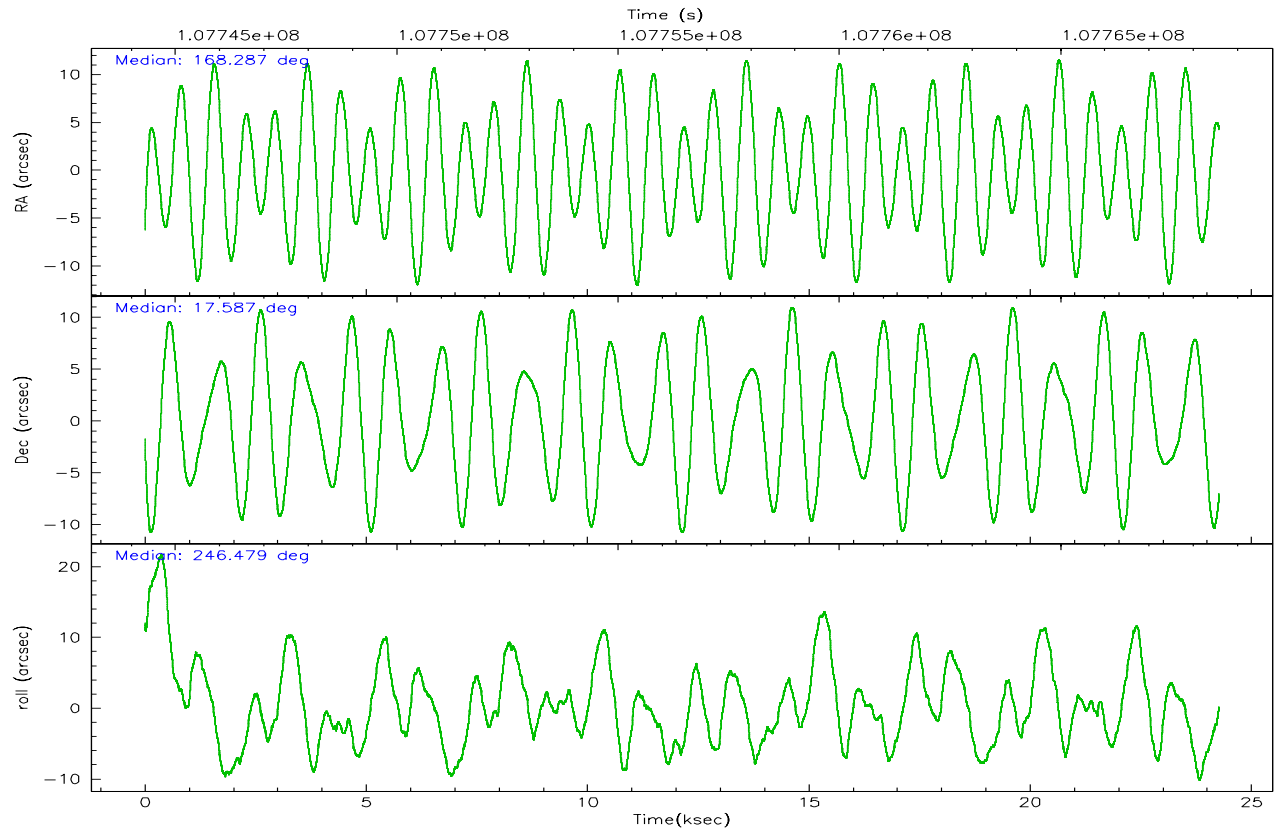
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	7772	7785	7981	27473	6861
	5%	5%	5%	14%	4%
grade 1 events	72	77	70	168	59
	0%	0%	0%	0%	0%
grade 2 events	3837	3936	3652	5678	3513
	2%	2%	2%	3%	2%
grade 3 events	1857	1909	1576	2197	1759
	1%	1%	0%	1%	1%
grade 4 events	1702	1935	1662	2321	1672
	1%	1%	1%	1%	1%
grade 5 events	5527	5949	5195	6041	6411
	3%	4%	3%	3%	4%
grade 6 events	3103	3485	3012	3576	3454
	2%	2%	1%	1%	2%
grade 7 events	120656	118939	134623	136230	132119
	83%	82%	85%	74%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	168.283550	168.2868241100005	Subarray requested	NONE	NONE
Pointing Dec	17.613679	17.58638486234019	Alternating exposures requested	N	N
Pointing Roll	246.275684	246.4833751705929	Primary exposure time	0.000000	3.1
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	107744783.184000	107743677.25573			
Observation start date	2001-06-01T01:05:19	2001-06-01T00:47:57			
Observation end time	107768583.184000	107768908.65671			
Observation end date	2001-06-01T07:41:59	2001-06-01T07:48:28			
Read mode	TIMED	TIMED			

2.3 Aspect



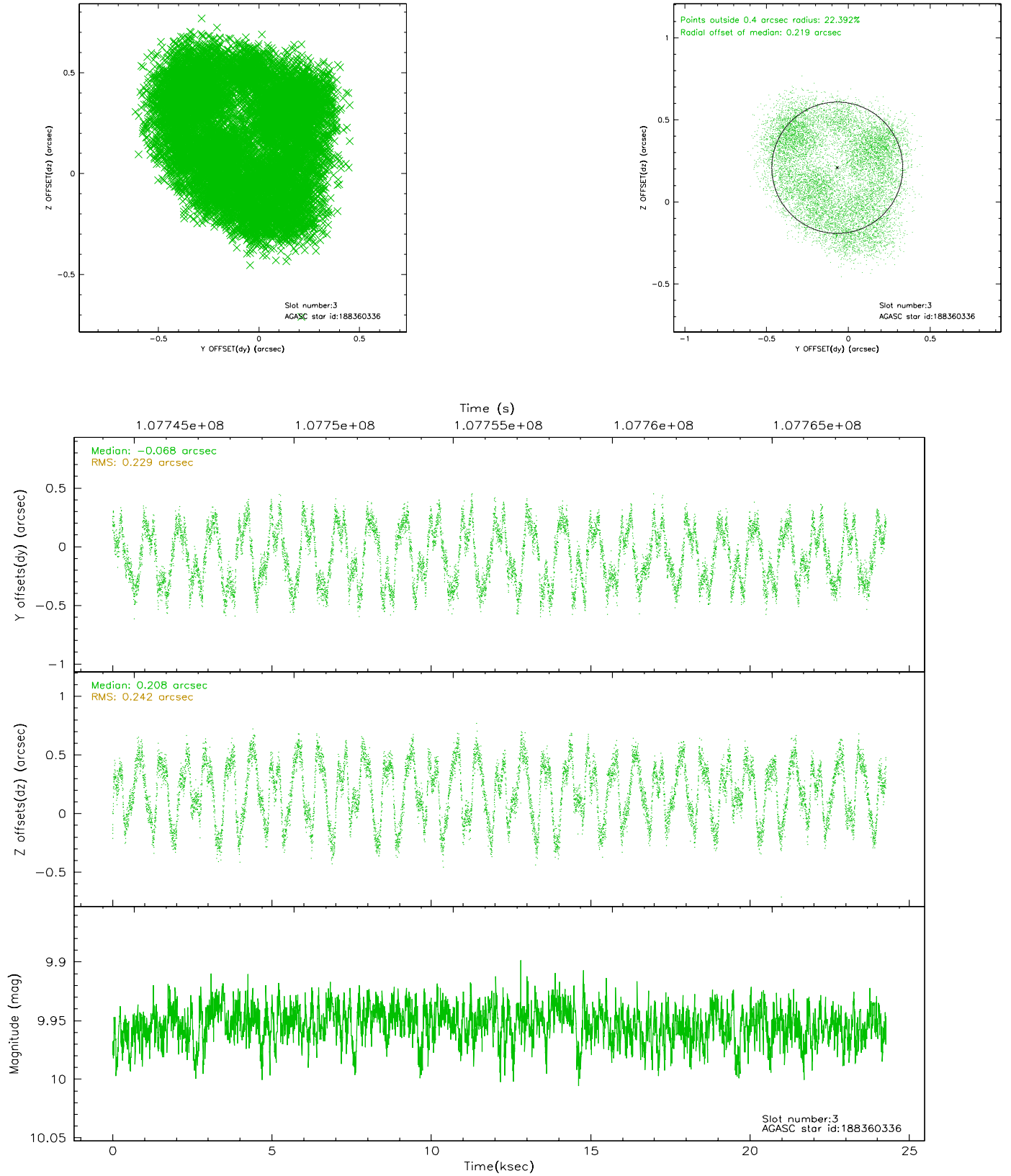


Slot Statistics

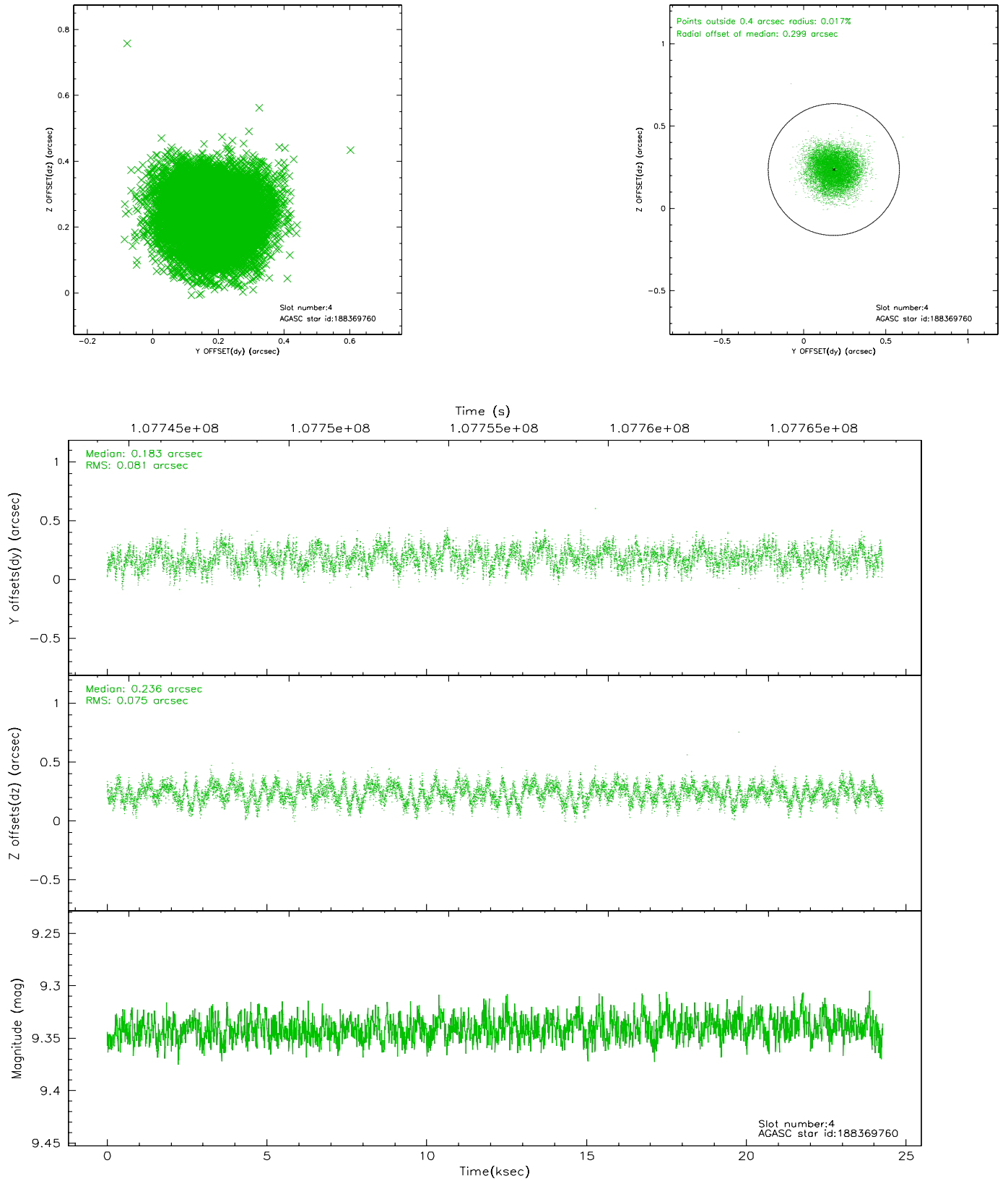
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	5918	-0.026	-0.052	0.010	0.016	0.000000	0.000000	-755.91	-836.47
1	FID	ACIS-I-4	7.18	5918	-0.076	0.038	0.006	0.010	0.000000	0.000000	2158.02	1069.76
2	FID	ACIS-I-5	7.23	5918	0.002	0.083	0.009	0.014	0.000000	0.000000	-1809.57	1067.75
3	GUIDE	188360336	9.95	11821	-0.068	0.208	0.368	0.490	168.606298	17.406968	235.01	1314.37
4	GUIDE	188369760	9.34	11834	0.183	0.236	0.120	0.184	168.571513	16.928696	1858.81	1900.40
5	GUIDE	187833640	9.78	11800	-0.003	-0.220	0.167	0.266	167.569509	17.697691	705.33	-2365.38
6	GUIDE	187836256	9.35	11838	-0.132	-0.178	0.116	0.178	167.909884	18.172303	-1327.19	-1980.16
7	GUIDE	188363792	10.95	11601	0.029	-0.014	0.255	0.413	168.701263	17.190563	815.60	1927.44

2.4 Star Slots

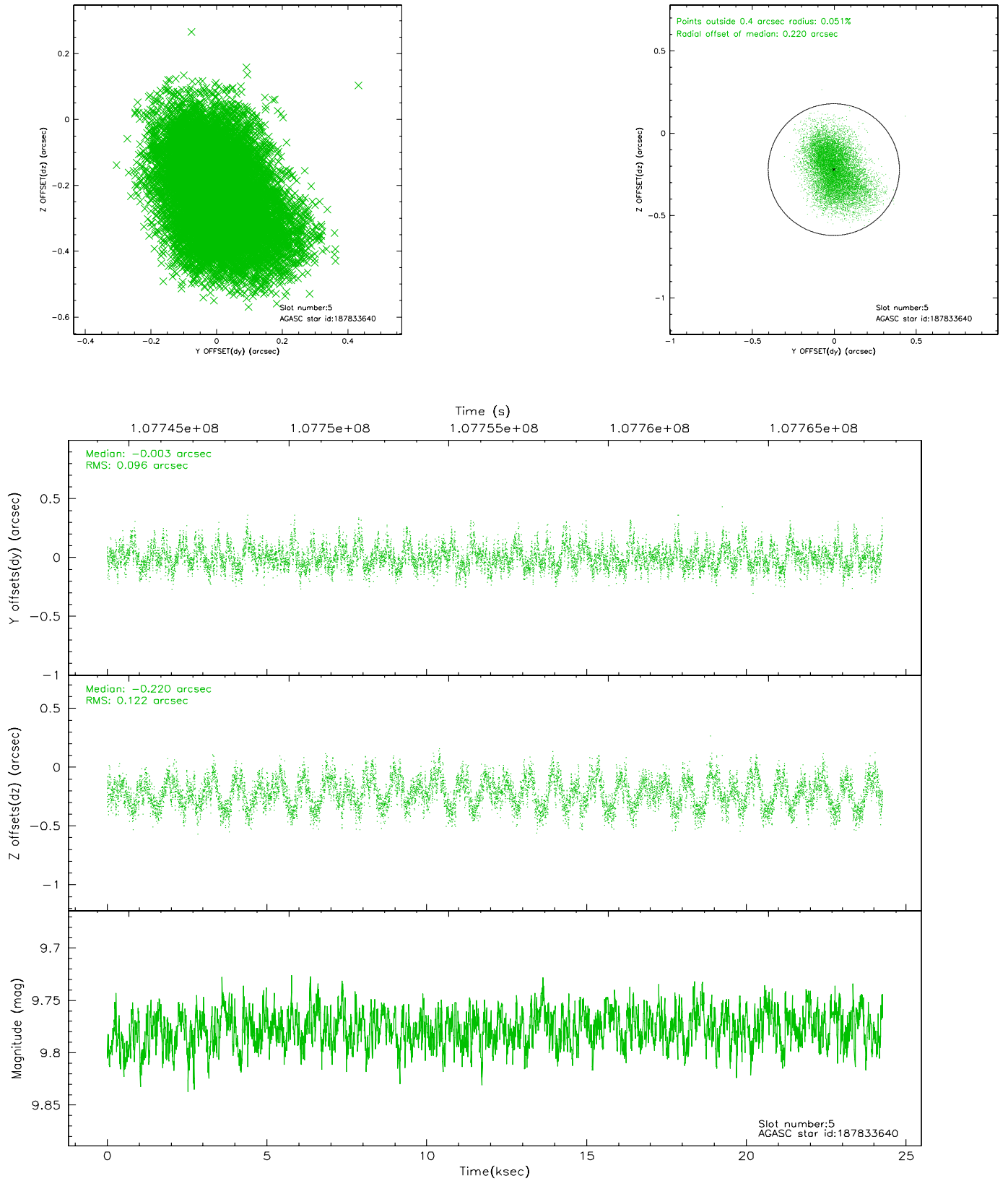
2.4.1 Slot 3



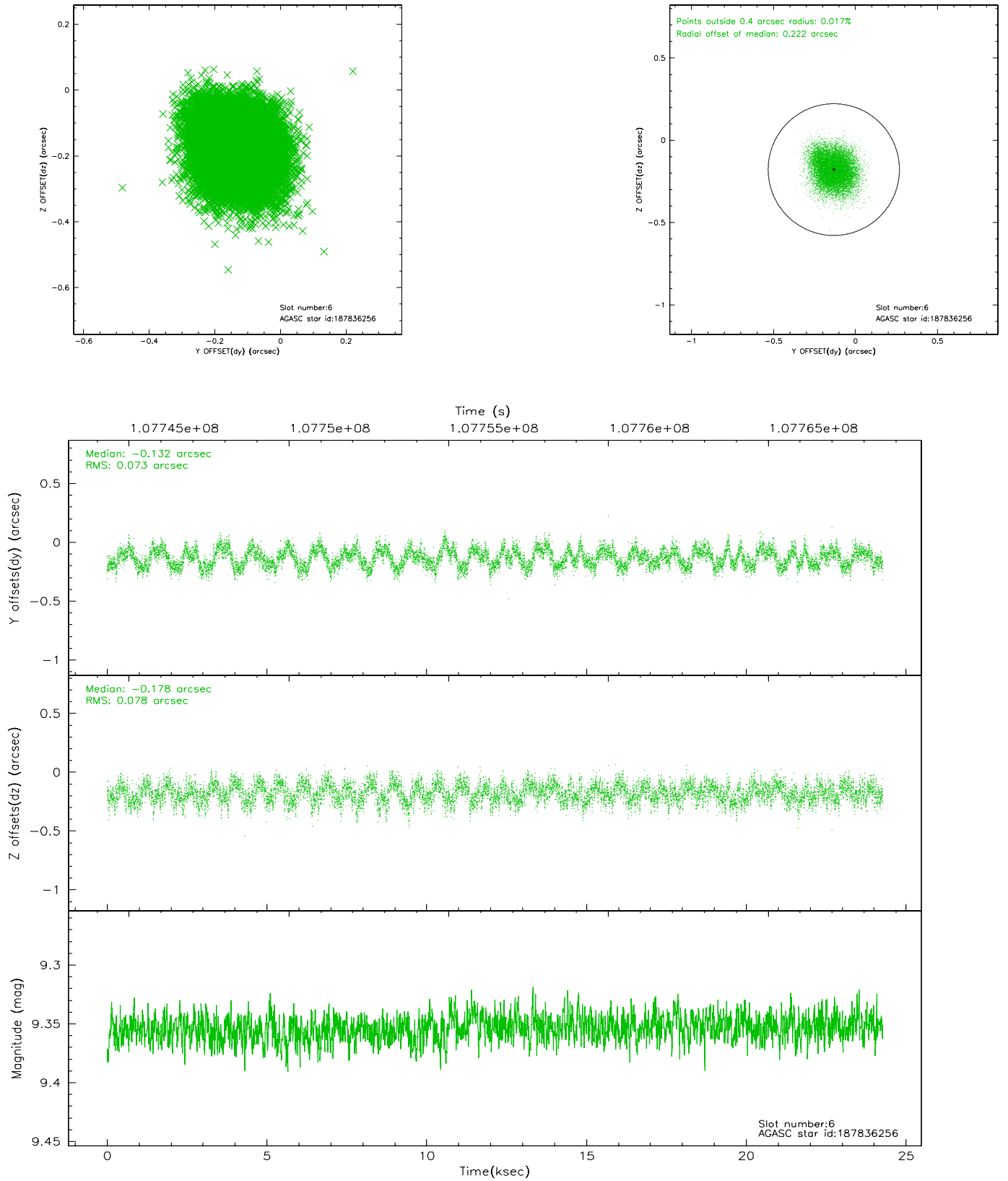
2.4.2 Slot 4



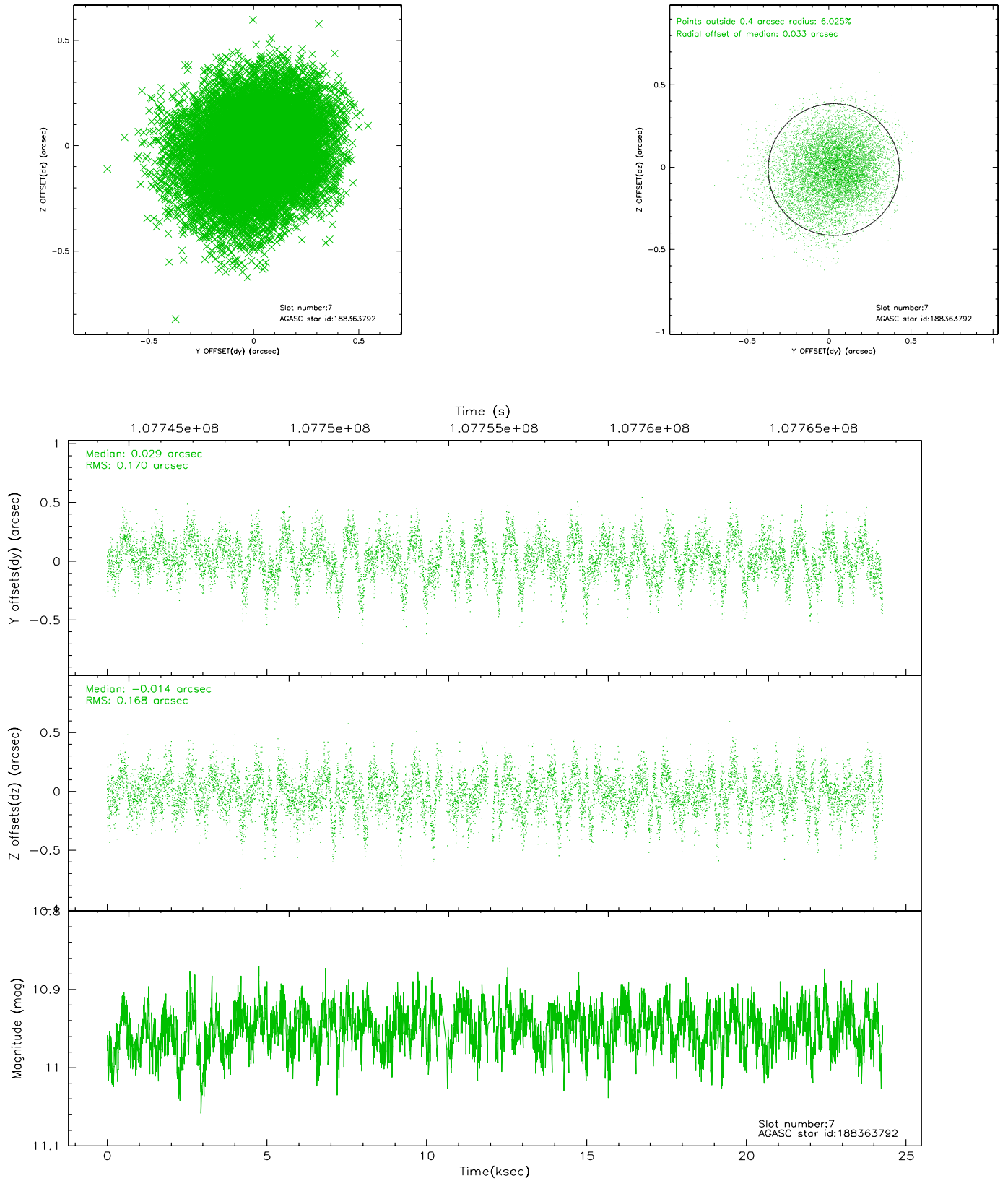
2.4.3 Slot 5



2.4.4 Slot 6

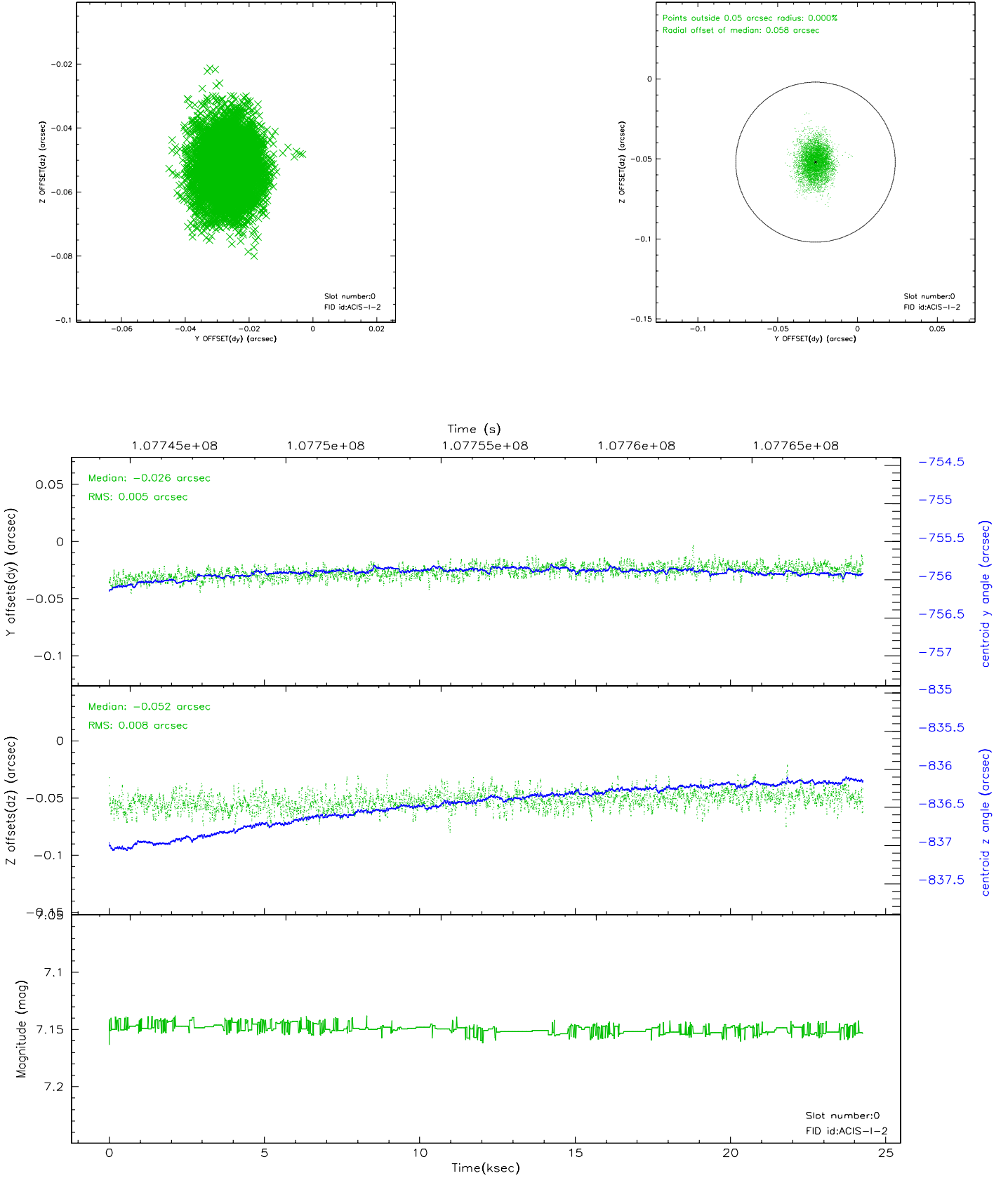


2.4.5 Slot 7

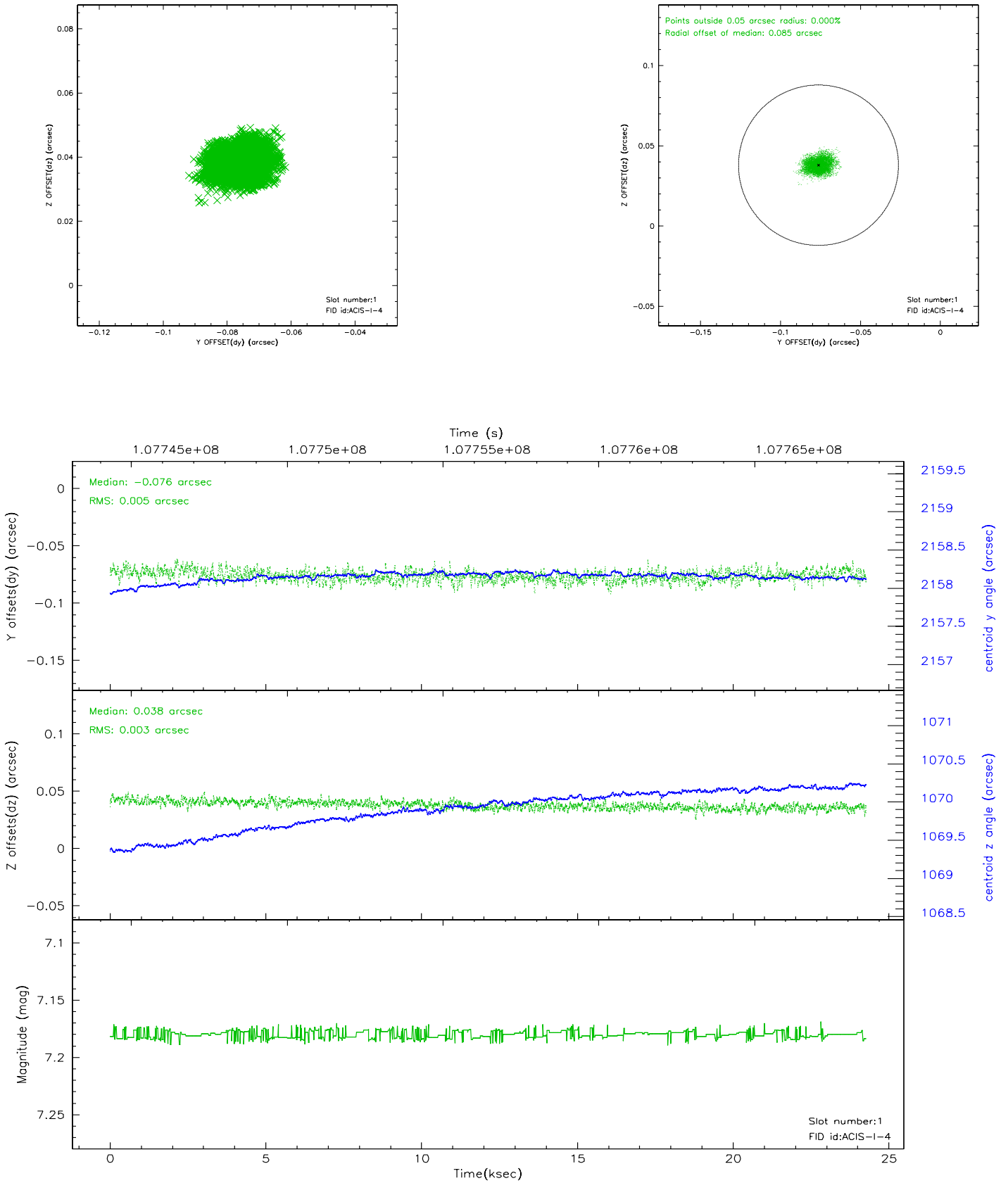


2.5 FID Slots

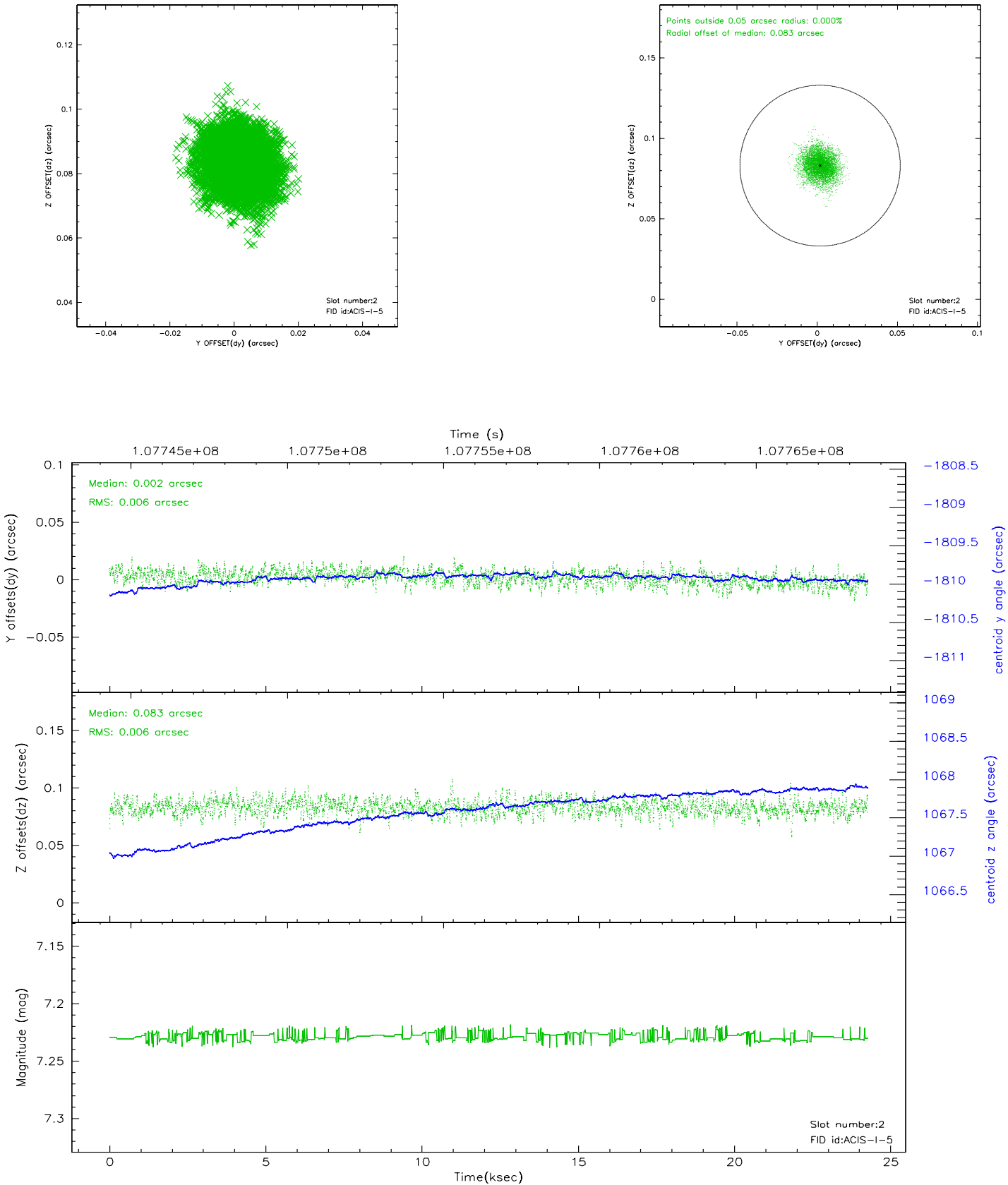
2.5.1 Slot 0



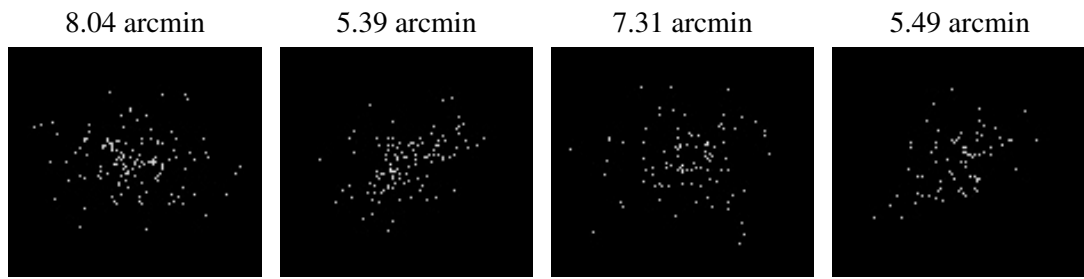
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.9

A.2 Comments

Target coords correspond to peak in surface brightness, which is slightly offset from listed Abell cluster central coordinates.