

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3239 - L2 Version 001
Chandra X-Ray Center

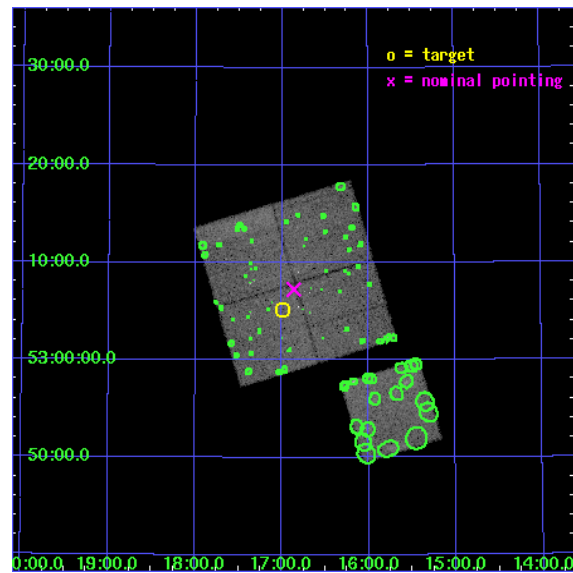
L2 Processing Date : Sep 9 2006

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1 Front

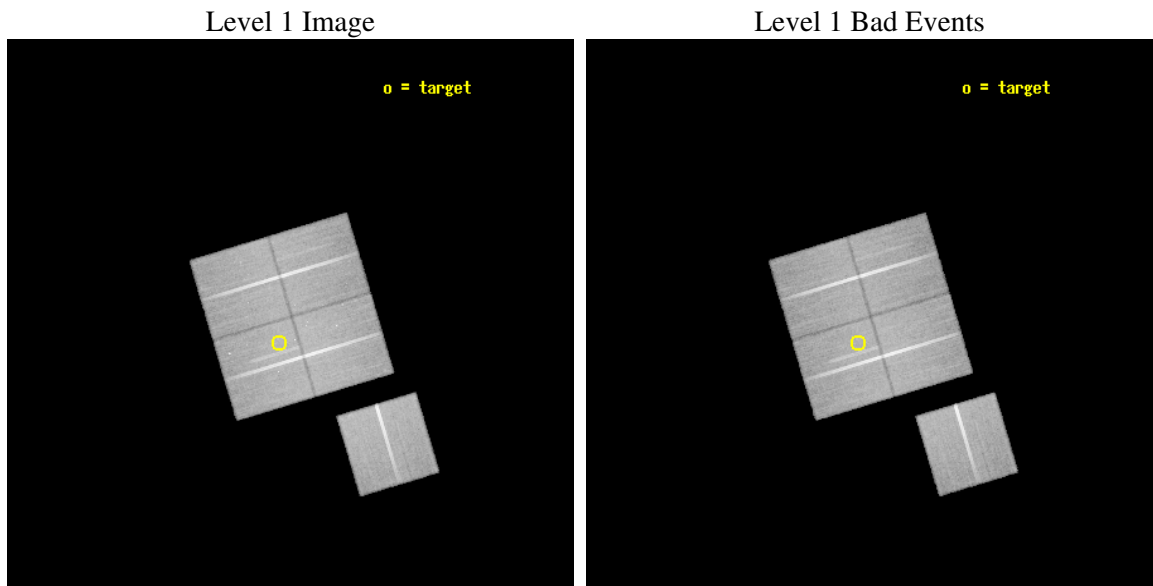
seq_num	800239
obs_id	3239
title	RICH, OPTICALLY-SELECTED GALAXY CLUSTERS AT Z~1 FROM THE RCS SURVEY
observer	Dr. Erica Ellingson
object	RCS1417+5305
dtcycle	0
cycle	P
ra_targ	214.249167
dec_targ	53.086722
ra_nom	214.21542632456
dec_nom	53.120902638087
roll_nom	163.32172301511
revision	2
ontime	63655.399877608
livetime	62823.695215783
ontime0	63645.977006853
ontime1	63639.694976747
ontime2	63652.258907378
ontime3	63655.399877608
ontime6	63649.11791721
l2events	144497



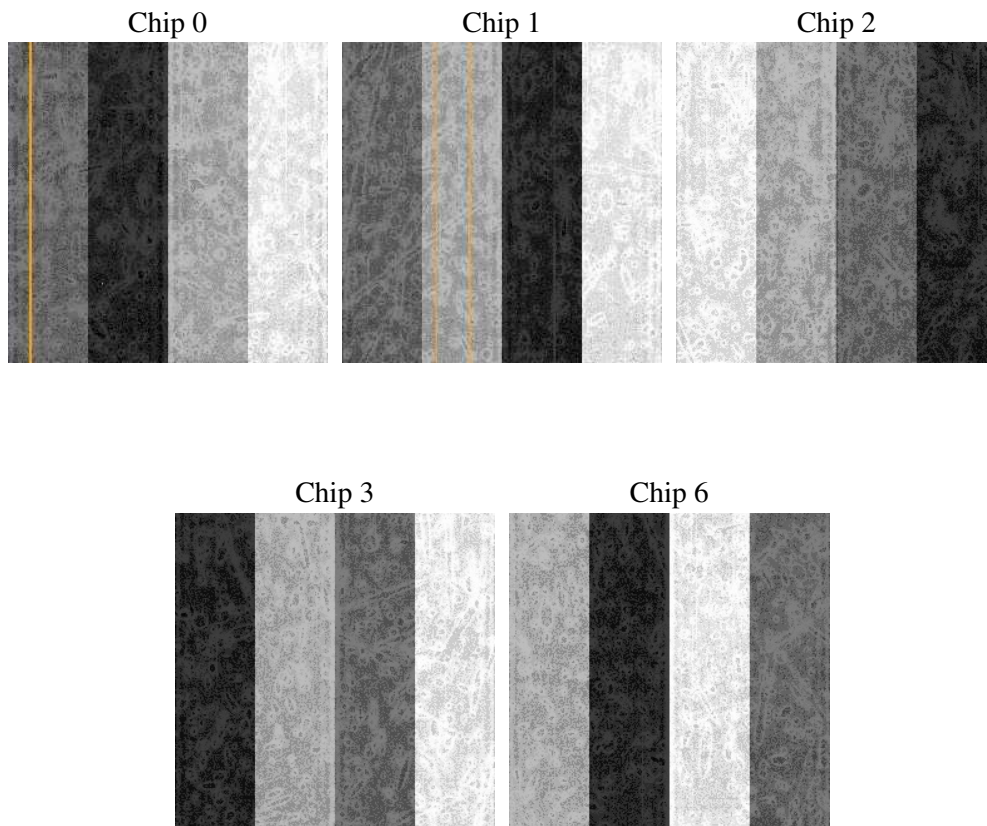
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	2
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-09T19:55:09
revision	2

sched_exp_time	63500.000000
ontime	64293.181062937
ontime0	64283.758222073
ontime1	64277.476191968
ontime2	64290.040122598
ontime3	64293.181062937
ontime6	64286.899132431
l1events	1721458

2.1.4 Events

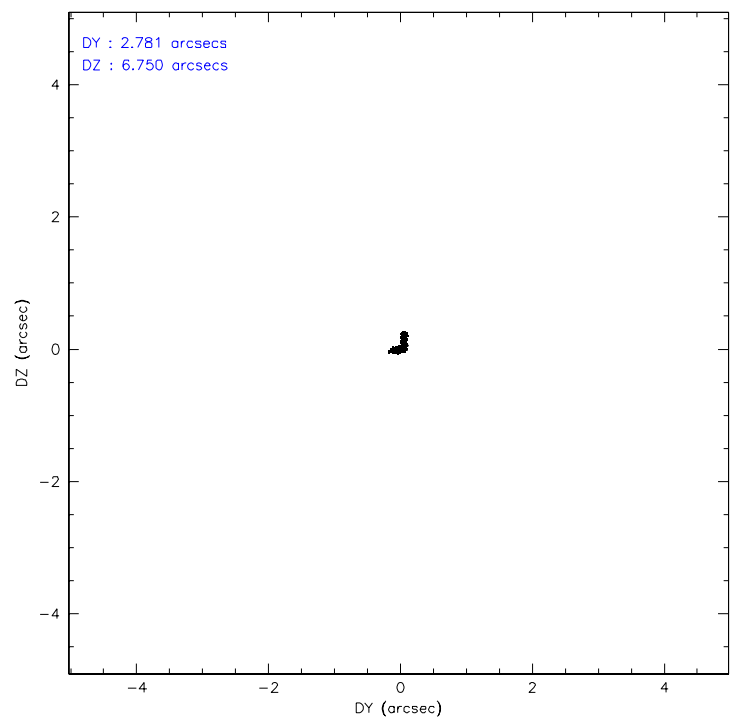
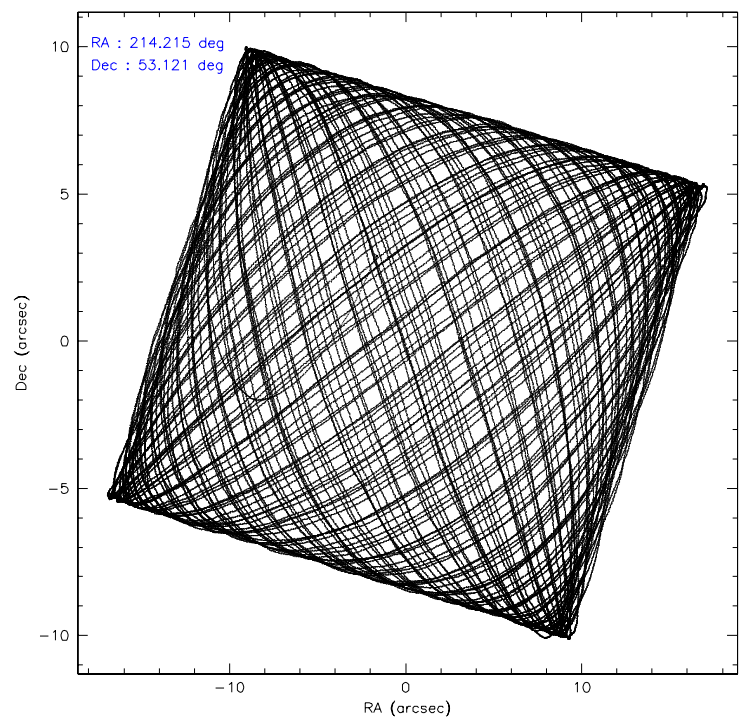
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	322110	329744	364505	354927	350172
rejected events	288296	292198	330156	321653	315224
rejected %	89%	88%	90%	90%	90%

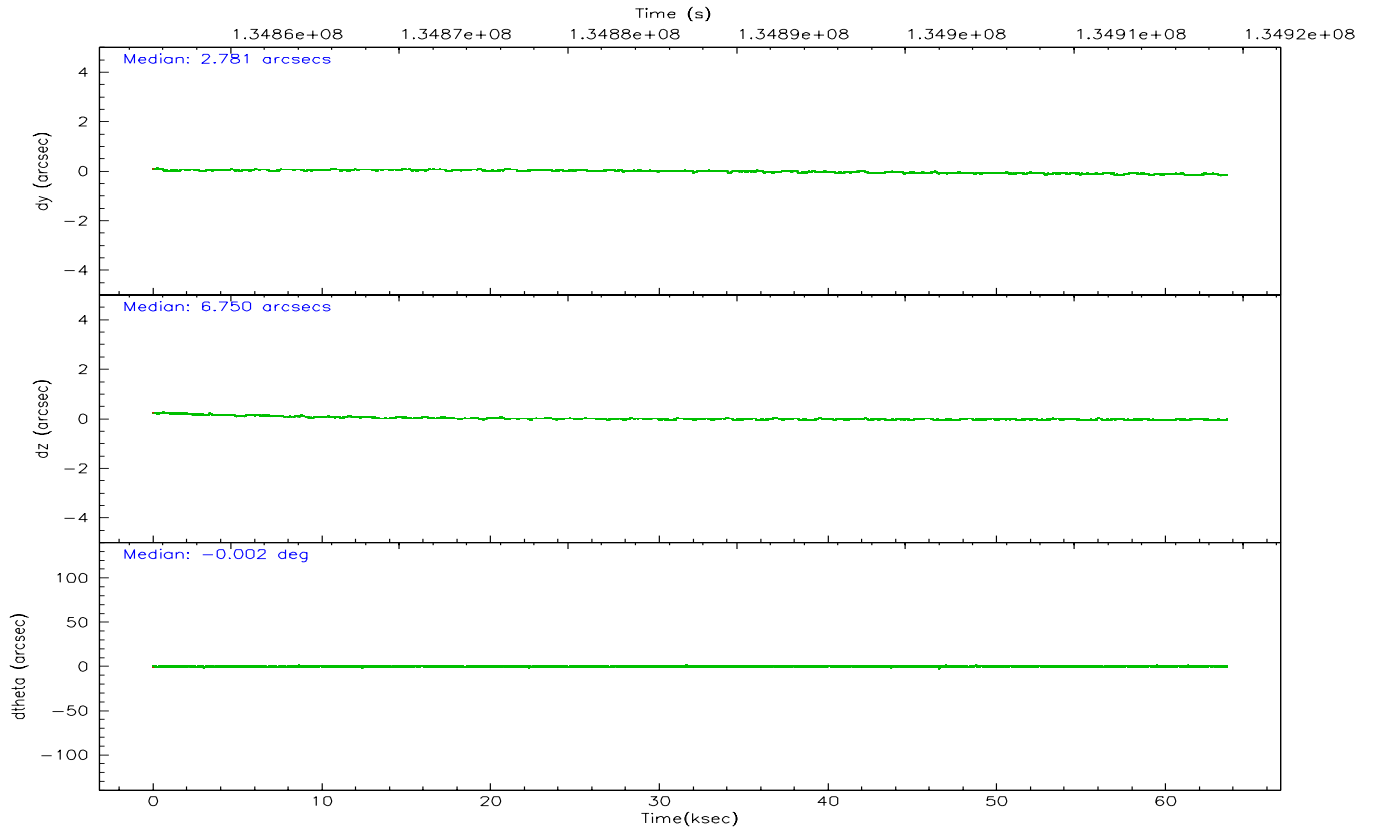
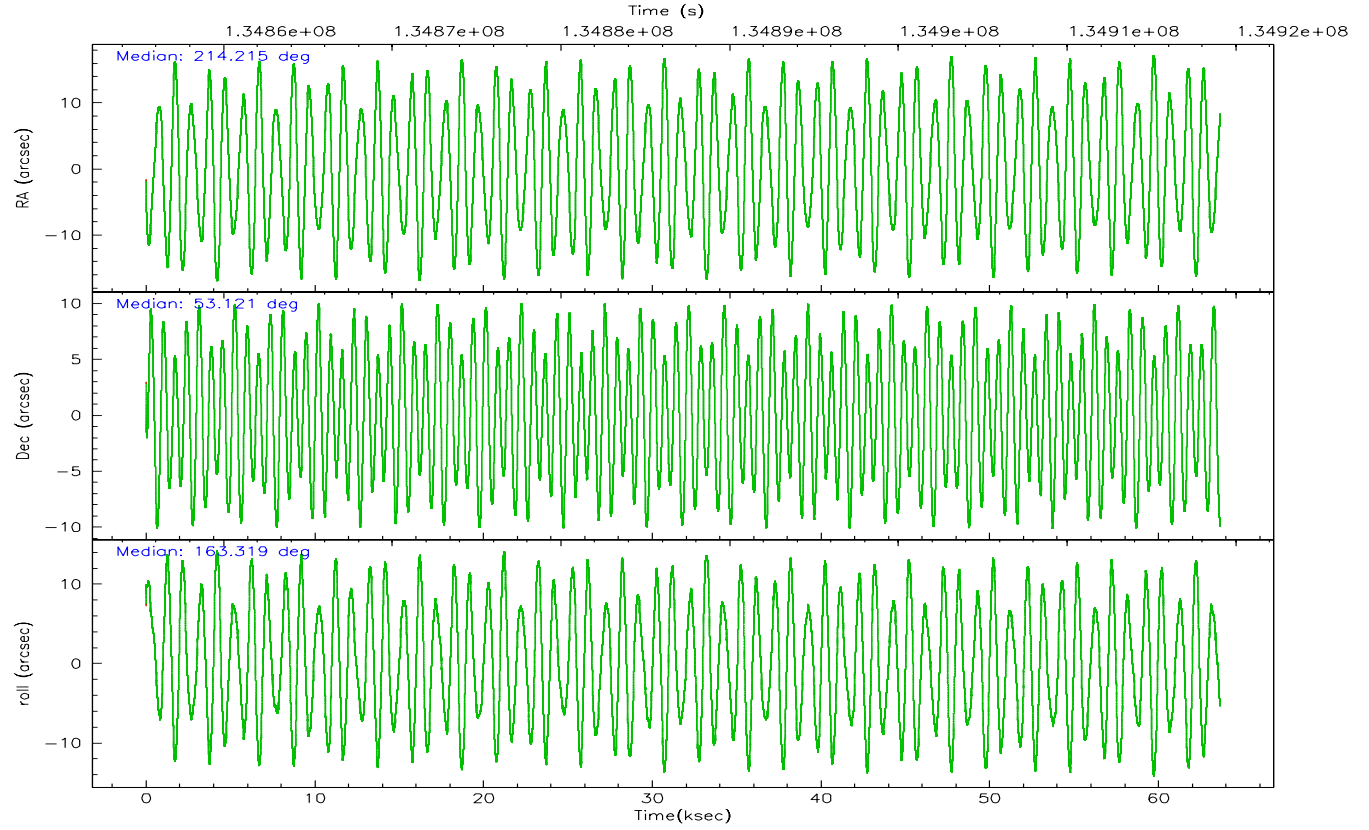
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	11741	14148	12807	12633	12743
	3%	4%	3%	3%	3%
grade 1 events	163	163	177	145	146
	0%	0%	0%	0%	0%
grade 2 events	7876	7897	7958	7014	7171
	2%	2%	2%	1%	2%
grade 3 events	4077	4351	3718	3731	4134
	1%	1%	1%	1%	1%
grade 4 events	3761	4213	3764	3665	3965
	1%	1%	1%	1%	1%
grade 5 events	11236	12471	10565	12565	12737
	3%	3%	2%	3%	3%
grade 6 events	6682	7301	6397	6547	7304
	2%	2%	1%	1%	2%
grade 7 events	276574	279200	319119	308627	301972
	85%	84%	87%	86%	86%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	214.259836	214.215426324557	Alternating exposures requested	N	N
Pointing Dec	53.127281	53.12090263808723	Primary exposure time	0.000000	3.1
Pointing Roll	163.077511	163.3217230151107			
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	134855566.184000	134854271.31017			
Observation start date	2002-04-10T19:51:42	2002-04-10T19:31:11			
Observation end time	134919066.184000	134919610.96282			
Observation end date	2002-04-11T13:30:02	2002-04-11T13:40:10			
Read mode	TIMED	TIMED			

2.3 Aspect



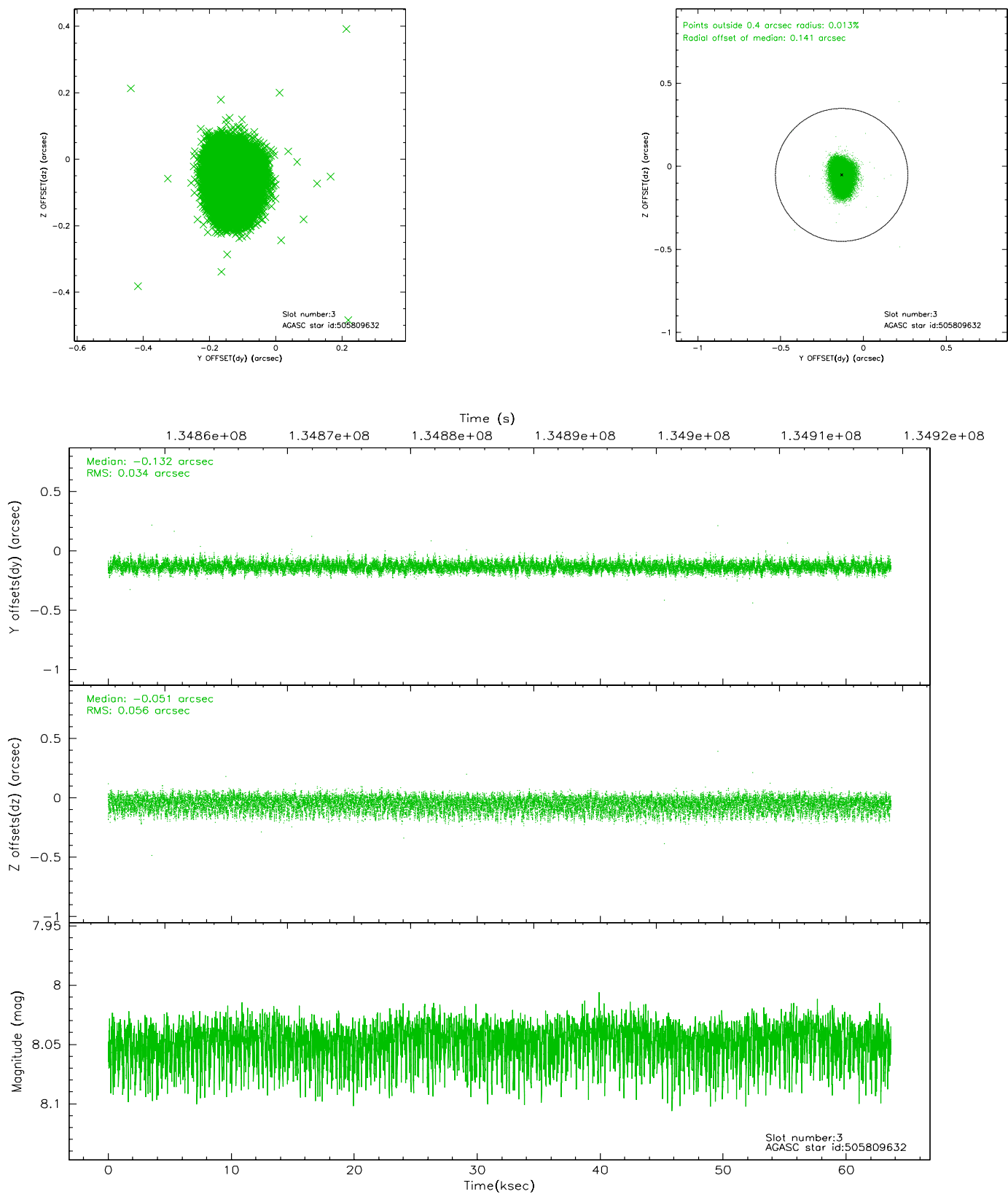


Slot Statistics

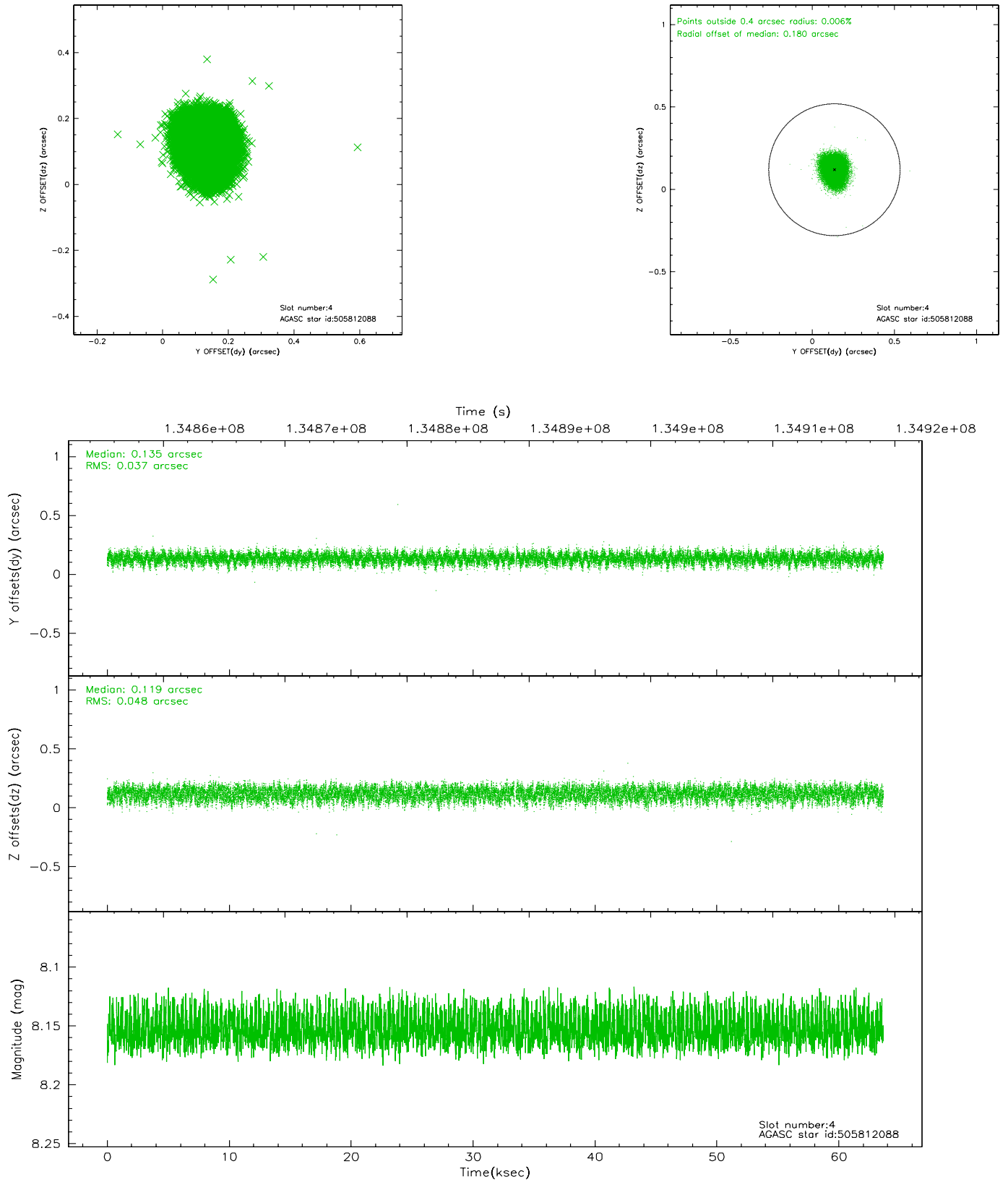
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-3	7.44	15527	-0.023	0.175	0.007	0.012	0.000000	0.000000	54.43	-963.21
1	FID	ACIS-I-5	7.24	15524	-0.037	0.008	0.006	0.011	0.000000	0.000000	-1811.20	1067.34
2	FID	ACIS-I-6	7.26	15526	-0.032	-0.114	0.006	0.011	0.000000	0.000000	402.58	1711.69
3	GUIDE	505809632	8.05	31046	-0.132	-0.051	0.070	0.113	215.499426	53.521185	-2119.51	-2151.23
4	GUIDE	505812088	8.15	30945	0.135	0.119	0.065	0.102	214.186617	53.263562	292.97	-423.60
5	GUIDE	455870320	8.40	31050	-0.006	-0.041	0.070	0.112	214.874440	52.401638	-2051.22	2100.55
6	GUIDE	505812376	7.55	31052	-0.019	-0.029	0.056	0.089	214.039537	52.937930	258.15	790.52
7	GUIDE	504894728	8.82	31043	0.022	0.008	0.067	0.107	213.220892	52.722550	1747.05	2037.70

2.4 Star Slots

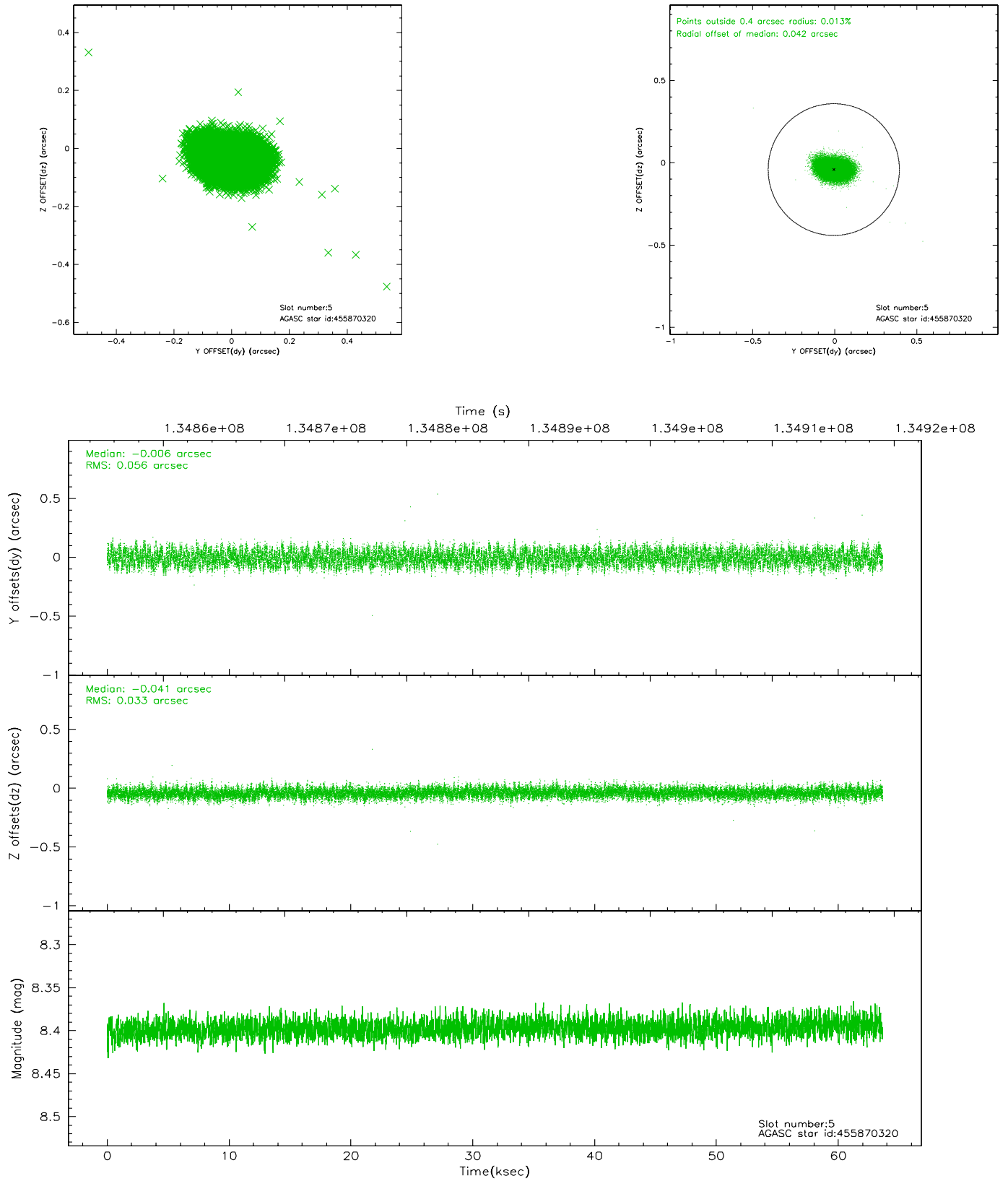
2.4.1 Slot 3



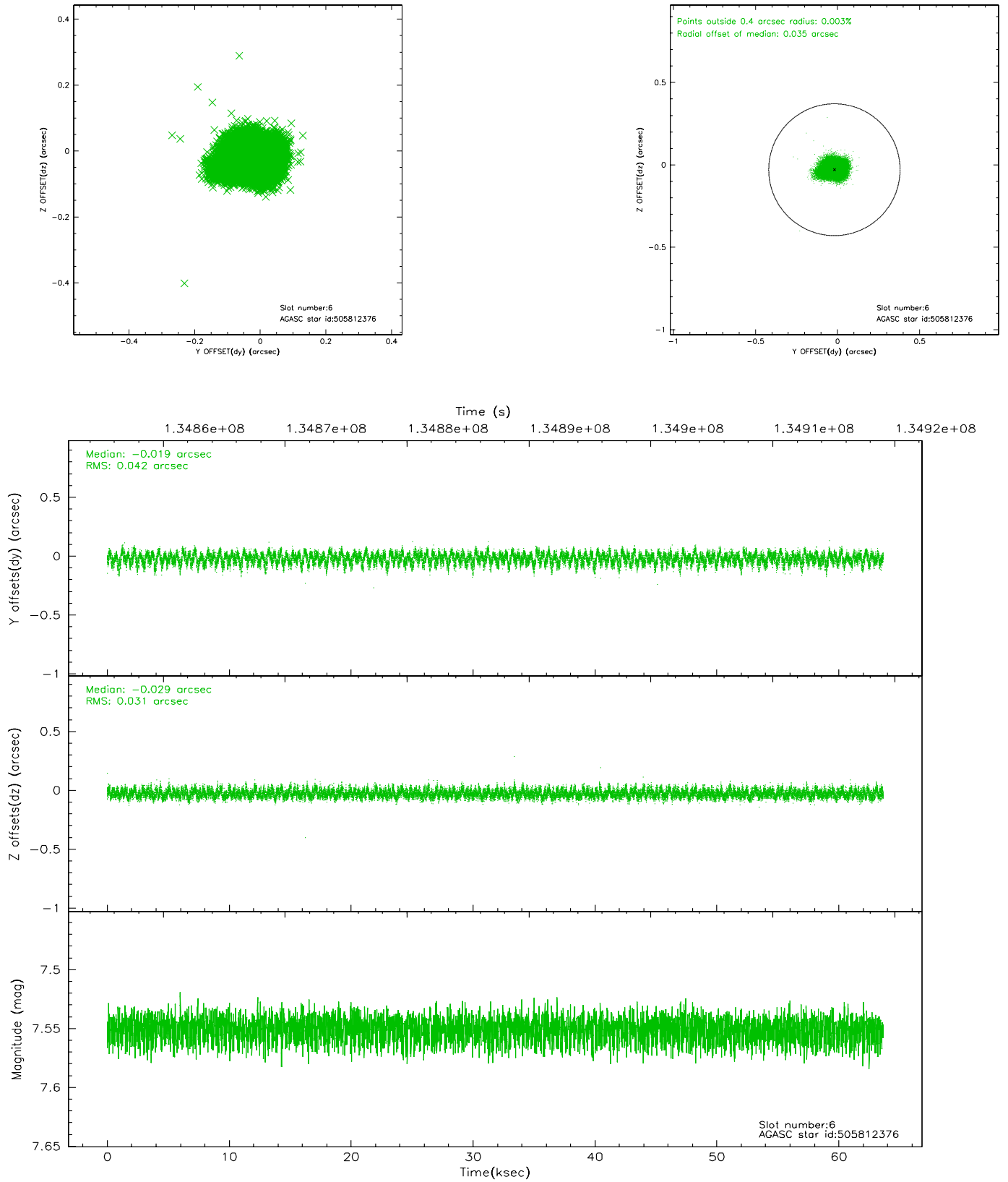
2.4.2 Slot 4



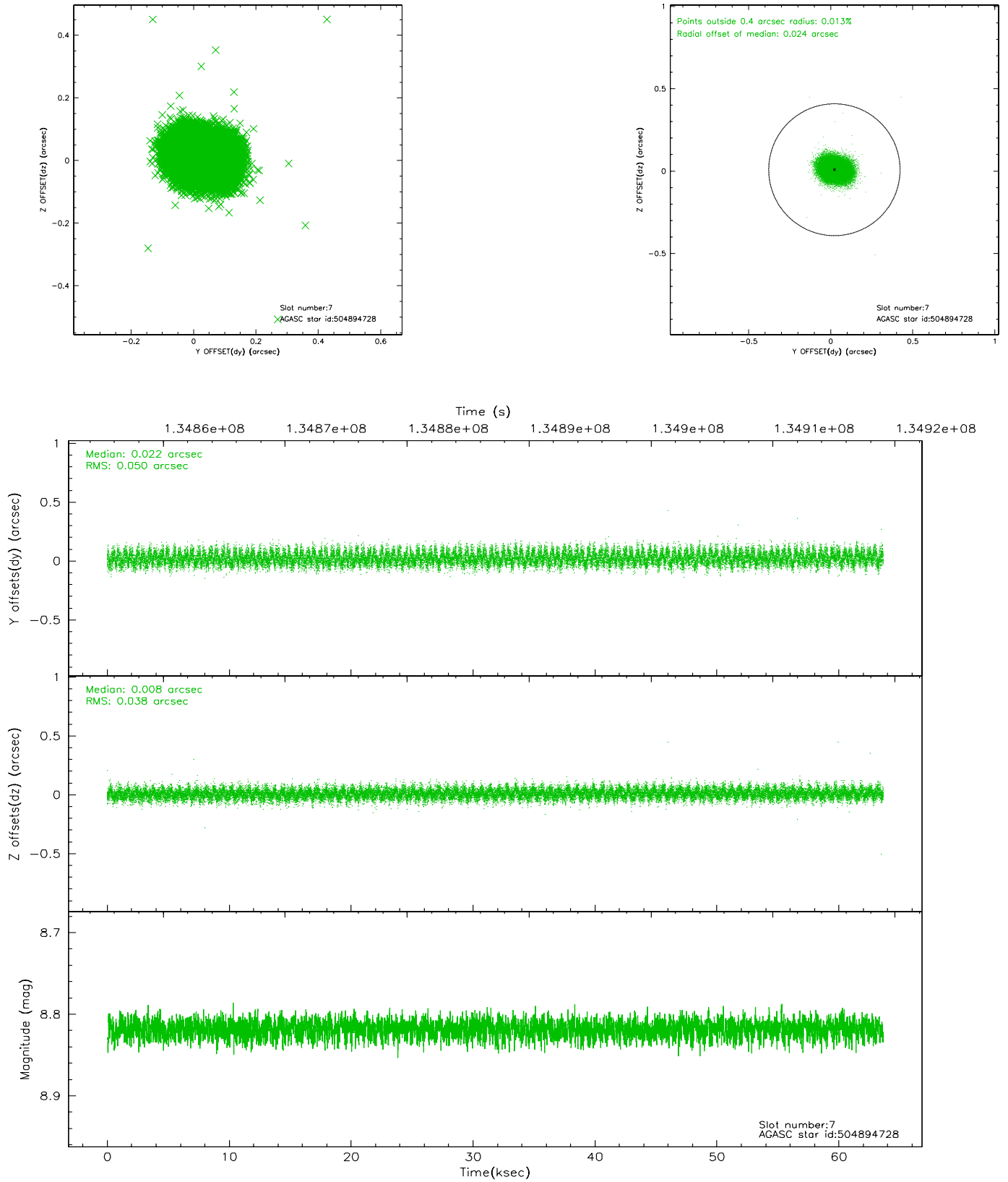
2.4.3 Slot 5



2.4.4 Slot 6

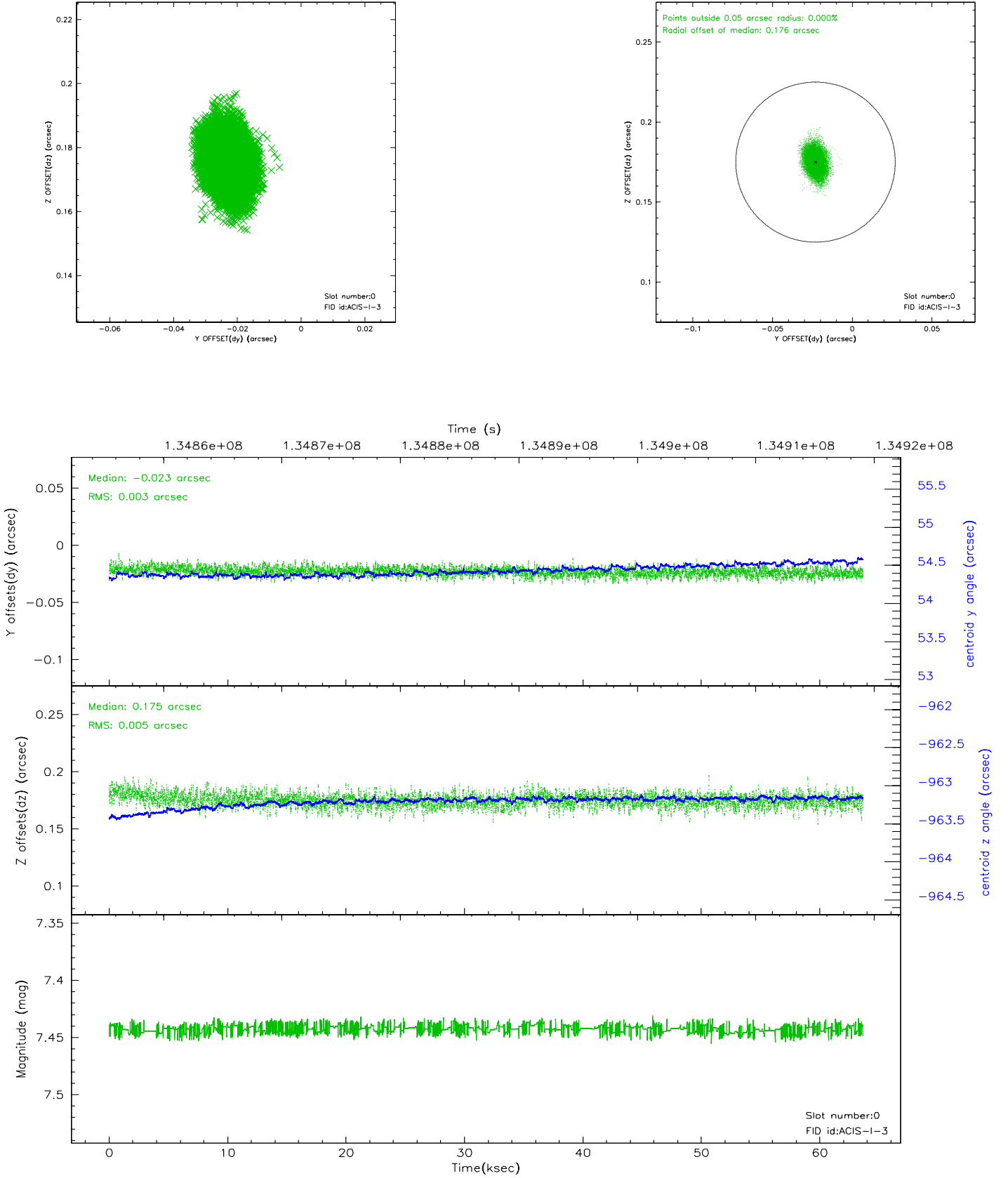


2.4.5 Slot 7

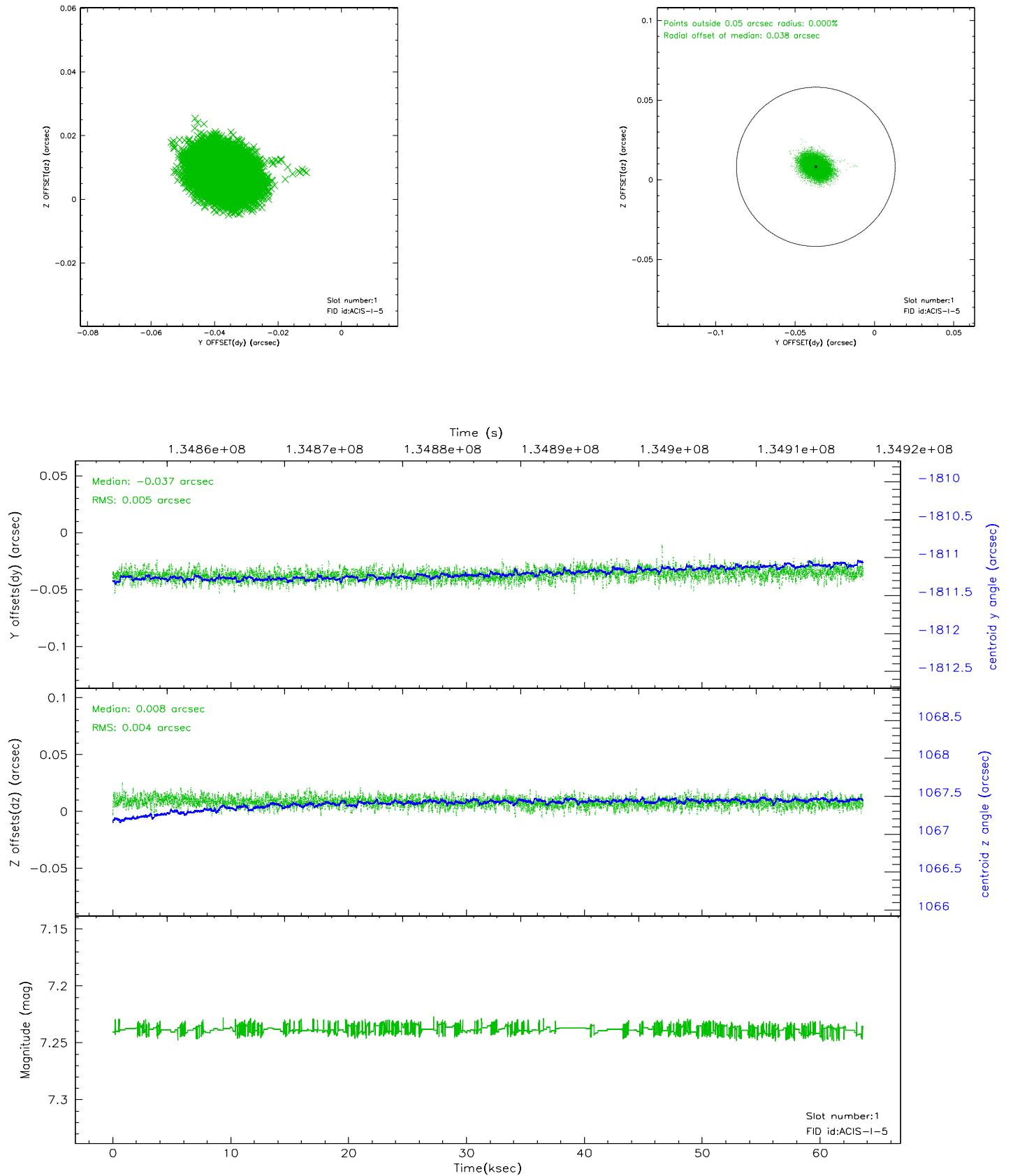


2.5 FID Slots

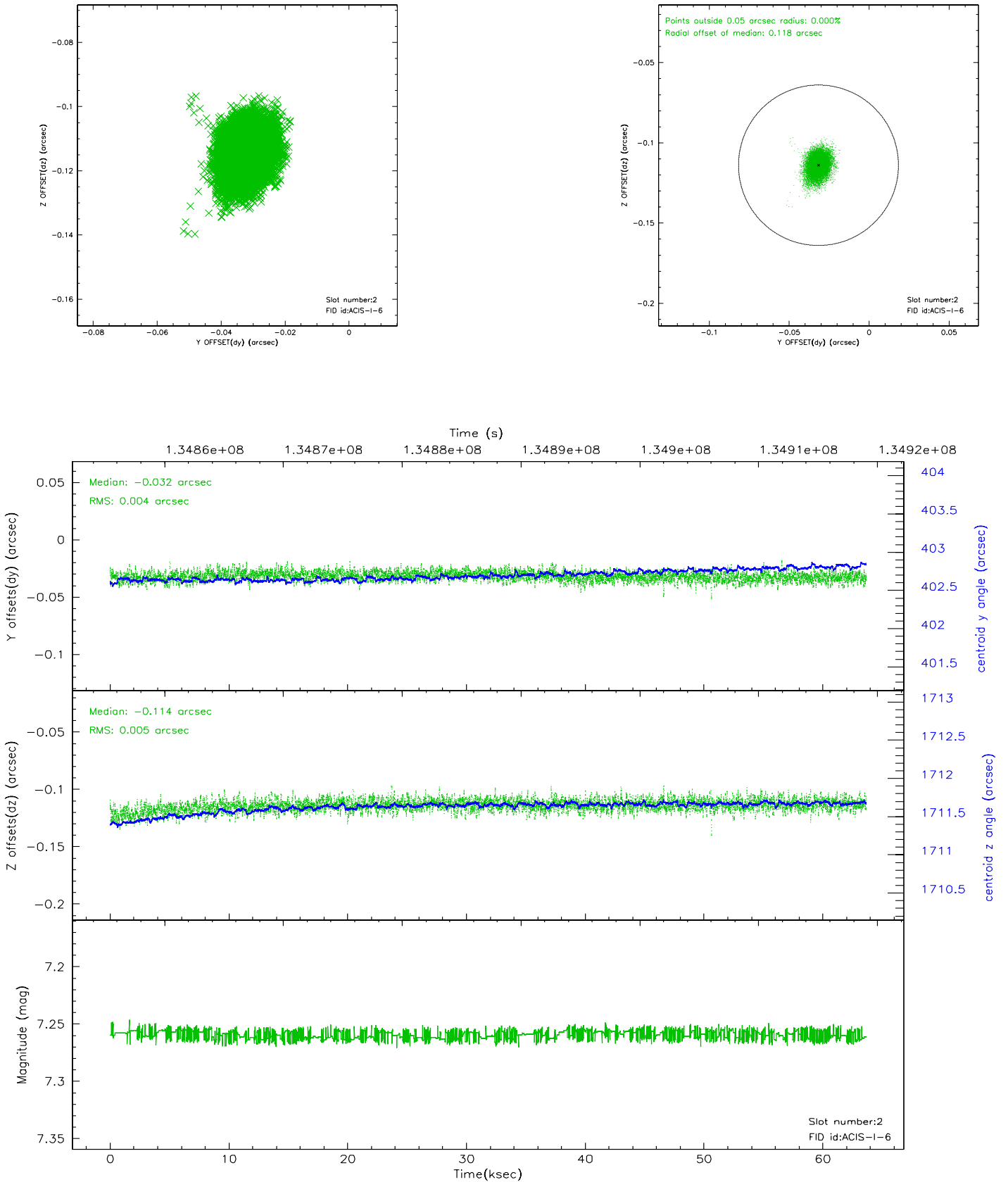
2.5.1 Slot 0



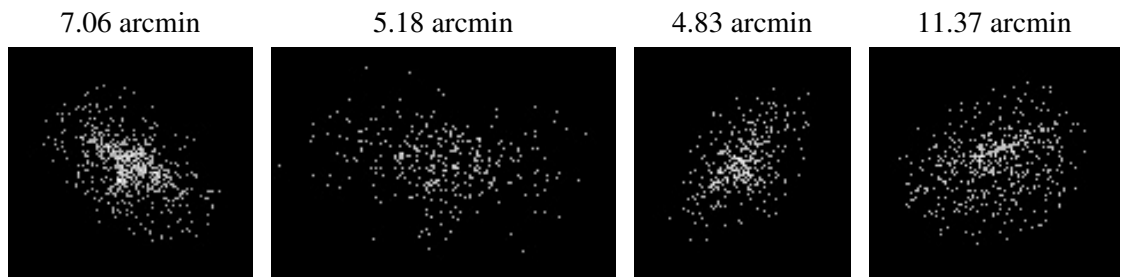
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	63.655

A.2 Comments