

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4271 - L2 Version 001
Chandra X-Ray Center

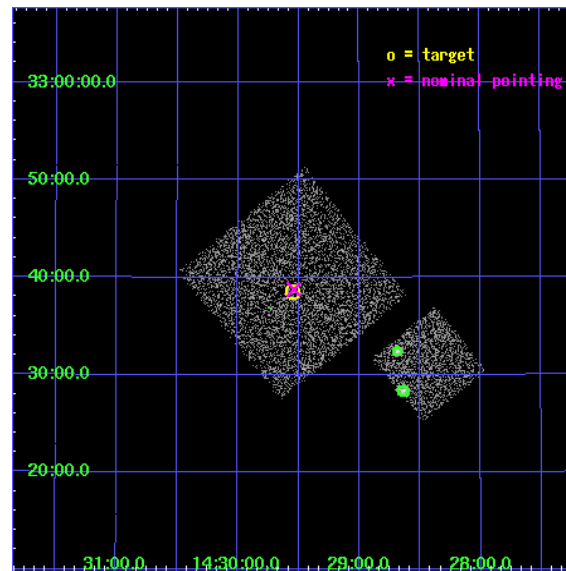
L2 Processing Date : Jul 30 2006

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

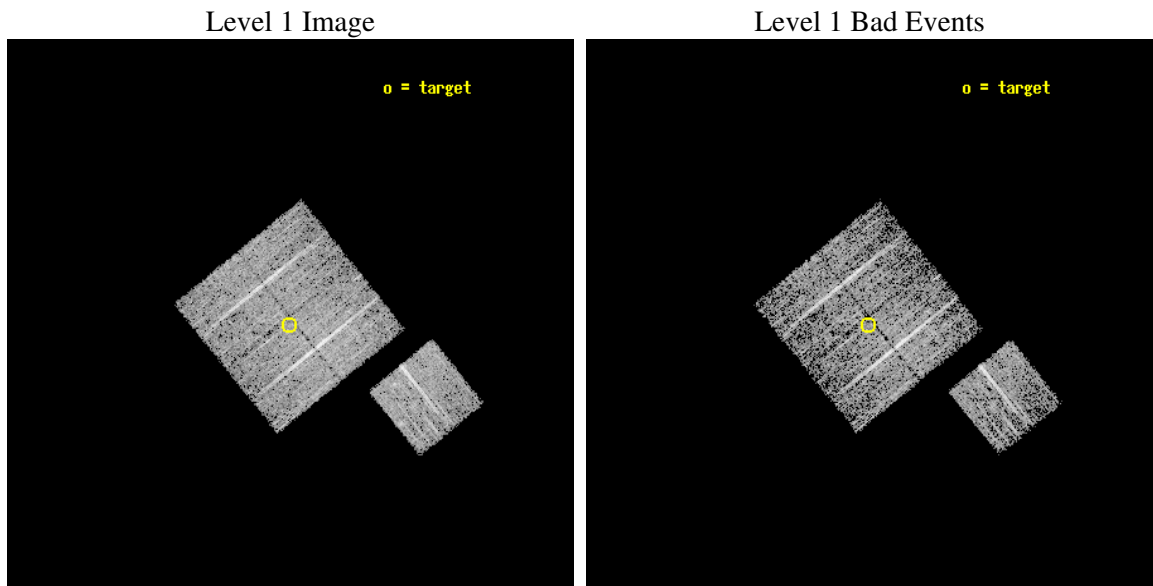
seq_num	900314
obs_id	4271
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS44
dtcycle	0
cycle	P
ra_targ	217.38708
dec_targ	32.642142
ra_nom	217.38445479634
dec_nom	32.646138673875
roll_nom	141.01002519914
revision	2
ontime	4919.6999905407
livetime	4855.4204883339
ontime0	4919.6999905407
ontime1	4919.6999905407
ontime2	4919.6999905407
ontime3	4919.6999905407
ontime6	4919.6999905407
l2events	10008



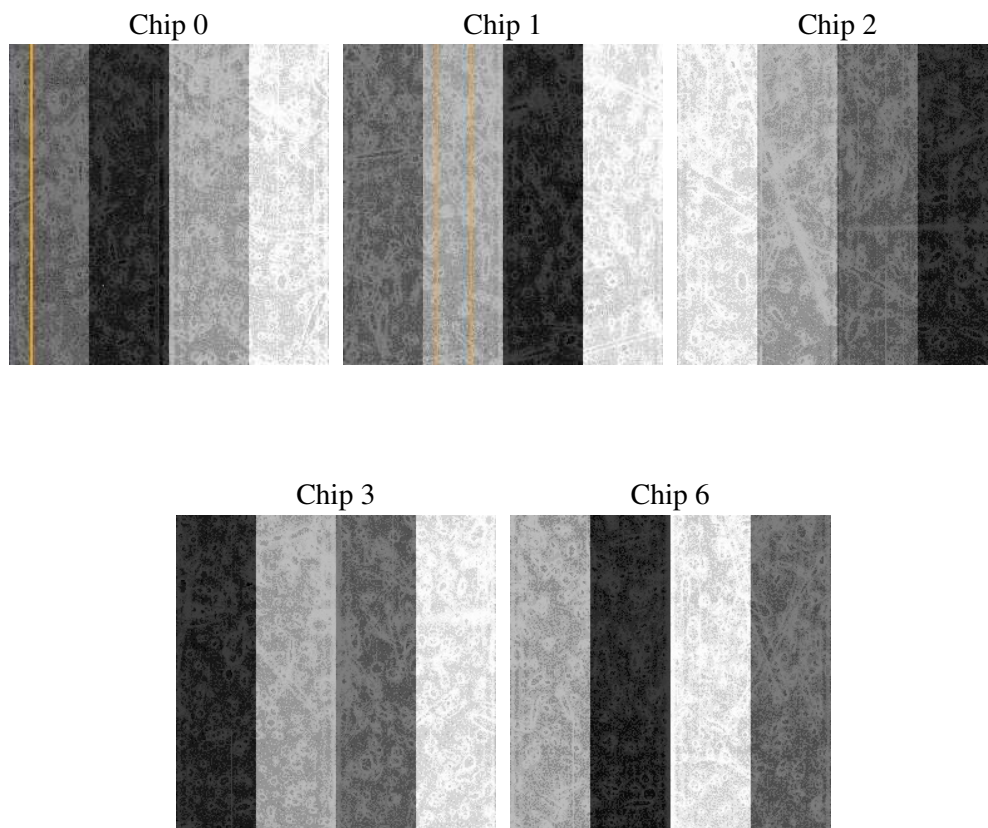
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-30T07:42:21
revision	2

sched_exp_time	4800.000000
ontime	4925.0953181386
ontime0	4925.0953181386
ontime1	4925.0953181386
ontime2	4925.0953181386
ontime3	4925.0953181386
ontime6	4925.0953181386
l1events	119918

2.1.4 Events

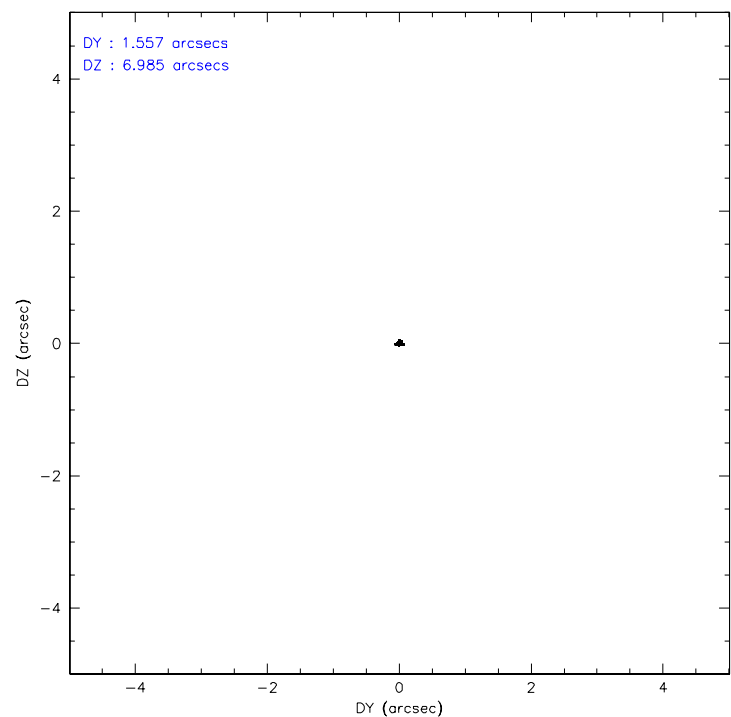
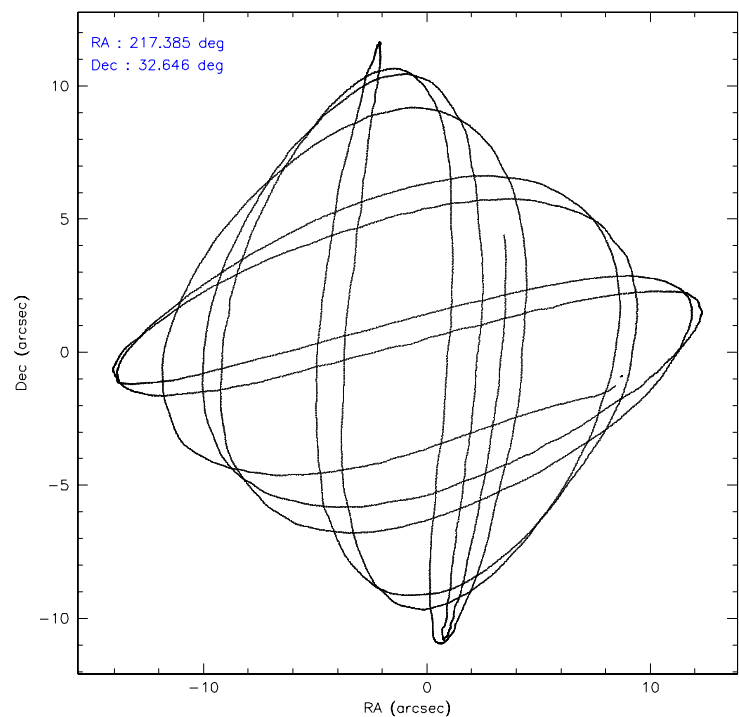
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22124	22946	25971	23683	25194
rejected events	19780	20400	23628	21564	22389
rejected %	89%	88%	90%	91%	88%

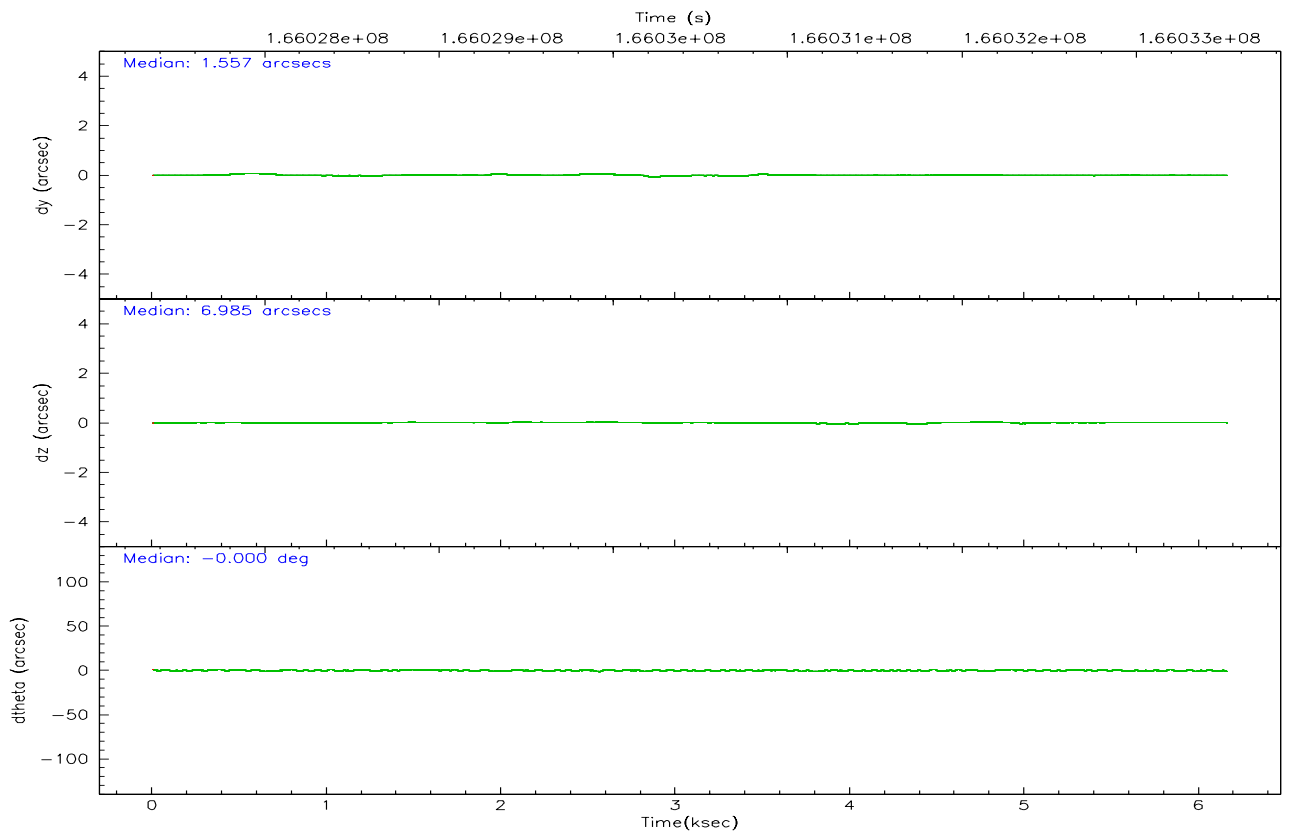
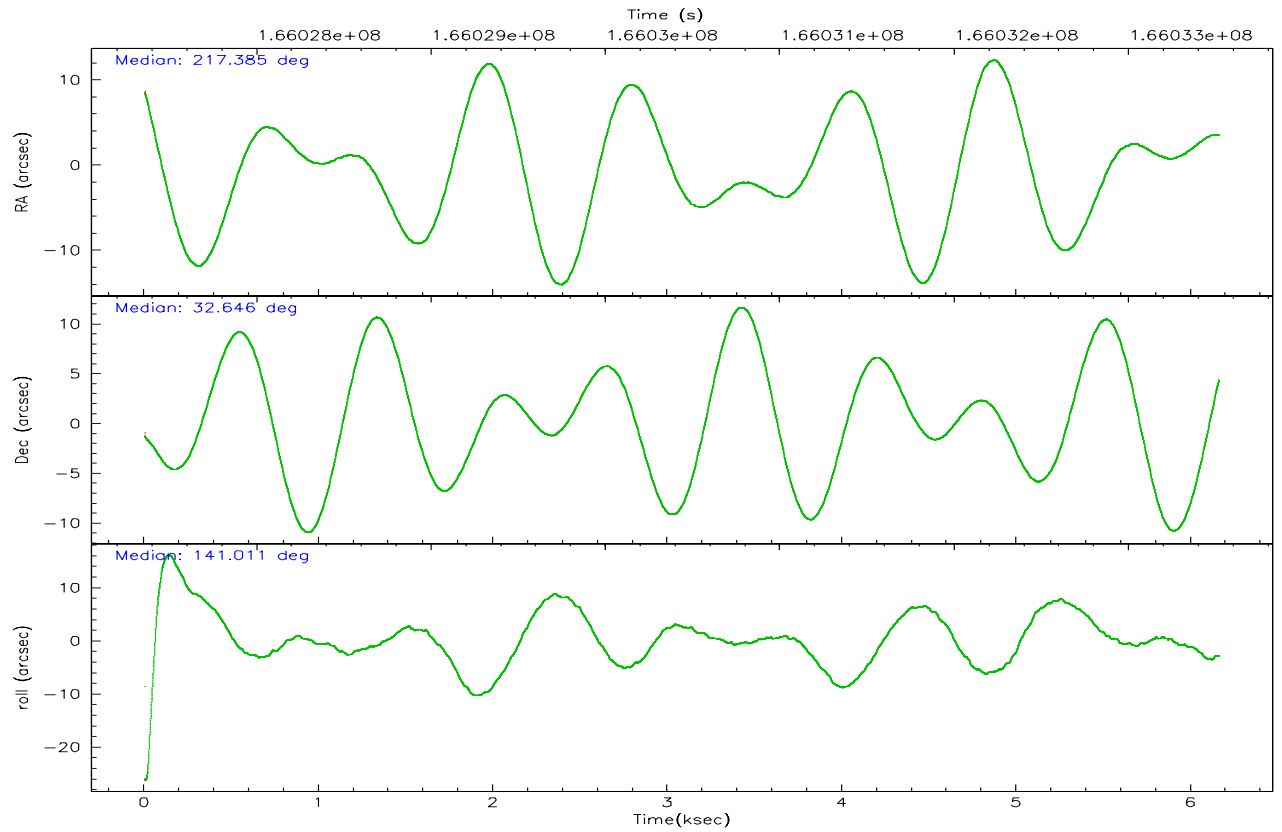
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	851	838	861	779	1189
	3%	3%	3%	3%	4%
grade 1 events	13	10	11	11	8
	0%	0%	0%	0%	0%
grade 2 events	552	571	532	478	512
	2%	2%	2%	2%	2%
grade 3 events	273	311	280	239	287
	1%	1%	1%	1%	1%
grade 4 events	277	322	266	246	312
	1%	1%	1%	1%	1%
grade 5 events	721	779	682	808	746
	3%	3%	2%	3%	2%
grade 6 events	391	509	406	379	506
	1%	2%	1%	1%	2%
grade 7 events	19046	19606	22933	20743	21634
	86%	85%	88%	87%	85%

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	217.416626	217.3844547963407	Alternating exposures requested	N	N
Pointing Dec	32.642056	32.6461386738749	Primary exposure time	0.000000	3.1
Pointing Roll	140.784058	141.0100251991413			
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	166028725.184000	166027179.4018			
Observation start date	2003-04-06T15:04:21	2003-04-06T14:39:39			
Observation end time	166033525.184000	166033659.45207			
Observation end date	2003-04-06T16:24:21	2003-04-06T16:27:39			
Read mode	TIMED	TIMED			

2.3 Aspect



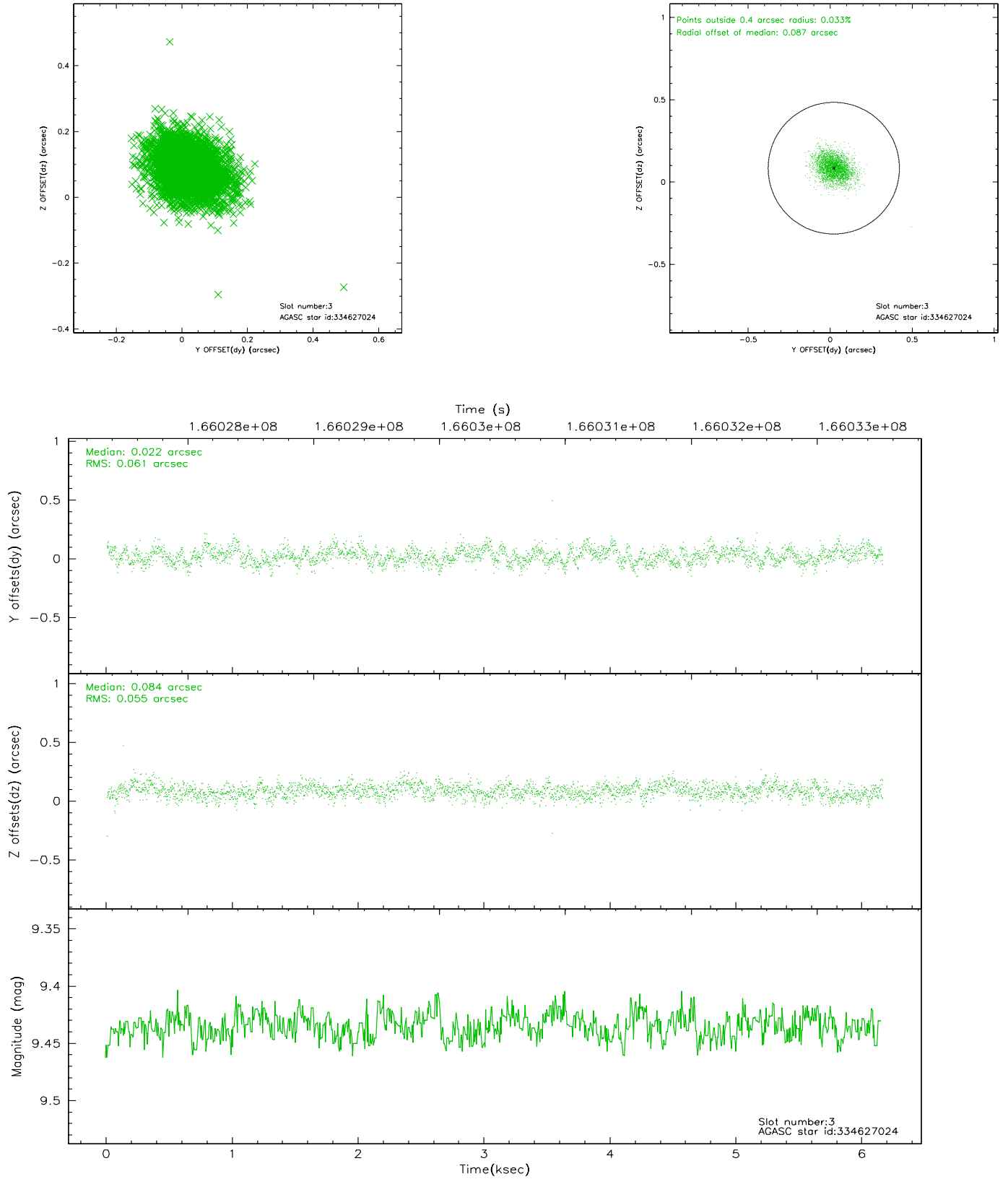


Slot Statistics

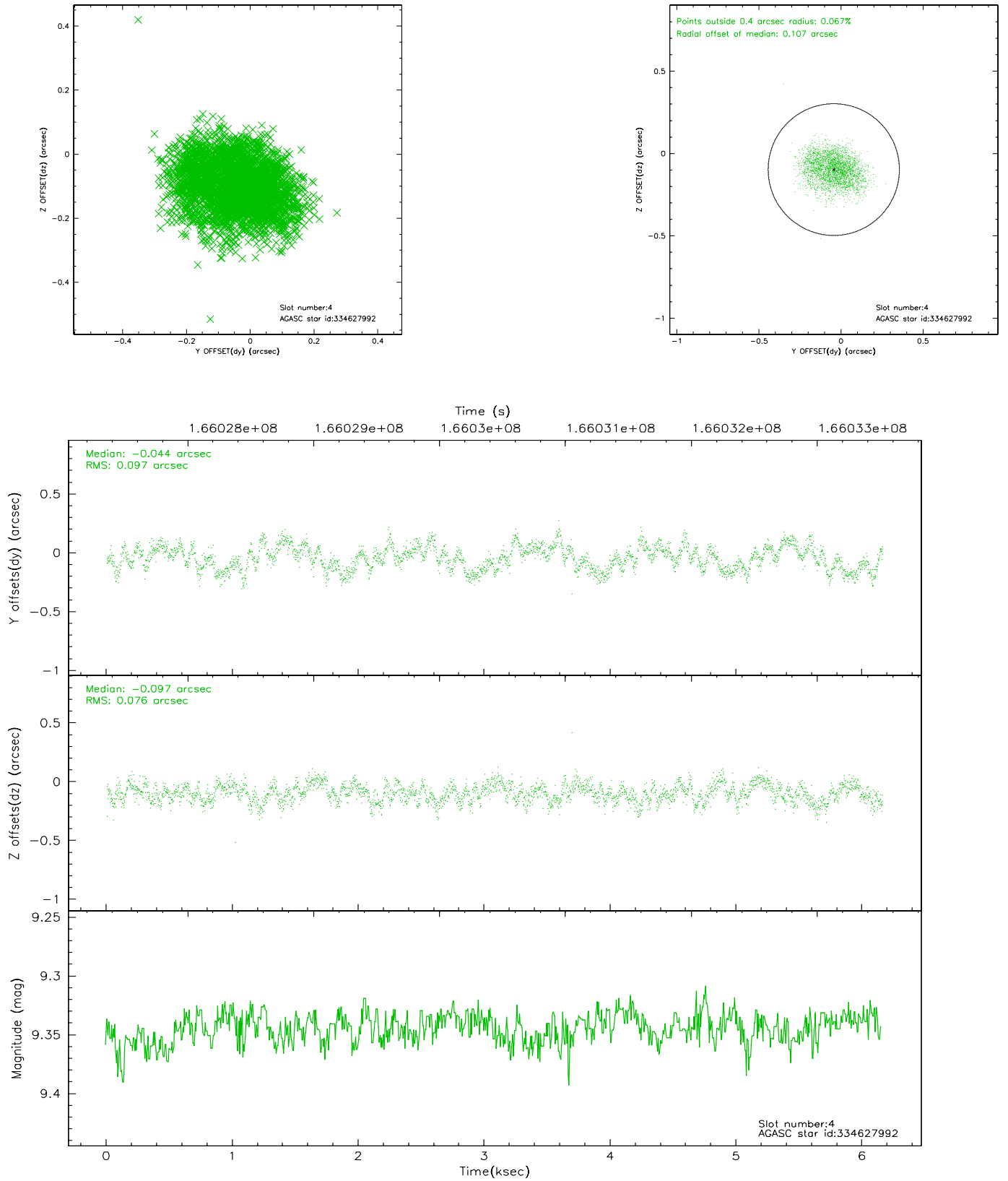
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1503	-0.012	0.039	0.006	0.010	0.000000	0.000000	938.24	-830.36
1	FID	ACIS-I-5	7.24	1503	-0.045	0.045	0.005	0.009	0.000000	0.000000	-1809.32	1066.72
2	FID	ACIS-I-6	7.26	1503	-0.034	-0.013	0.006	0.010	0.000000	0.000000	402.79	1712.20
3	GUIDE	334627024	9.44	3004	0.022	0.084	0.086	0.145	217.318801	32.278221	-597.53	1202.92
4	GUIDE	334627992	9.34	3003	-0.044	-0.097	0.134	0.205	216.814353	32.274859	587.50	2179.35
5	GUIDE	334632896	9.68	3000	0.098	-0.025	0.148	0.228	217.366197	31.879526	-1616.15	2224.93
6	GUIDE	335022112	9.22	3003	-0.047	-0.035	0.099	0.156	216.659296	32.794758	2127.58	1017.42
7	GUIDE	335021200	8.87	3004	-0.025	0.072	0.092	0.150	216.377257	32.627867	2419.76	2020.37

2.4 Star Slots

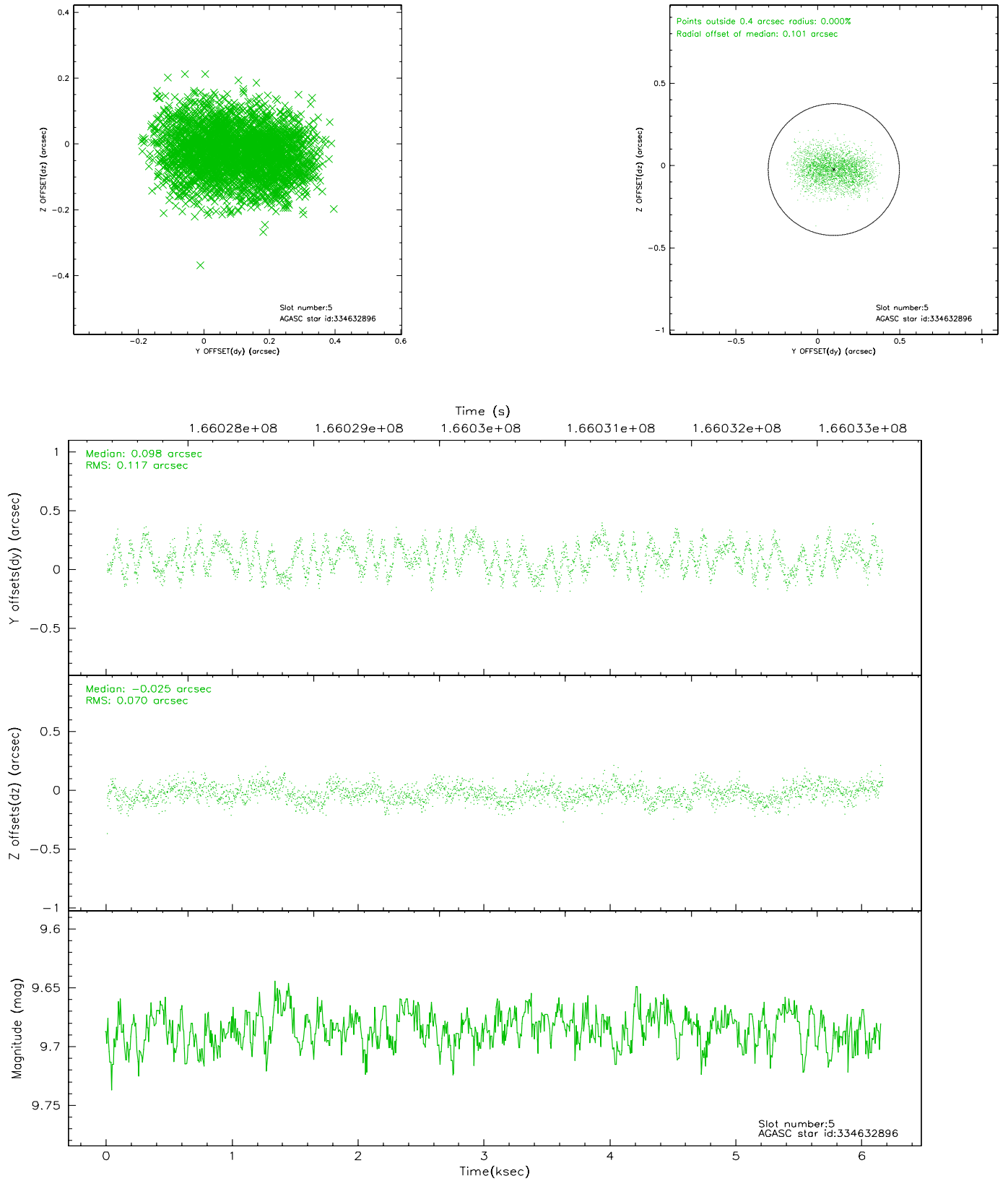
2.4.1 Slot 3



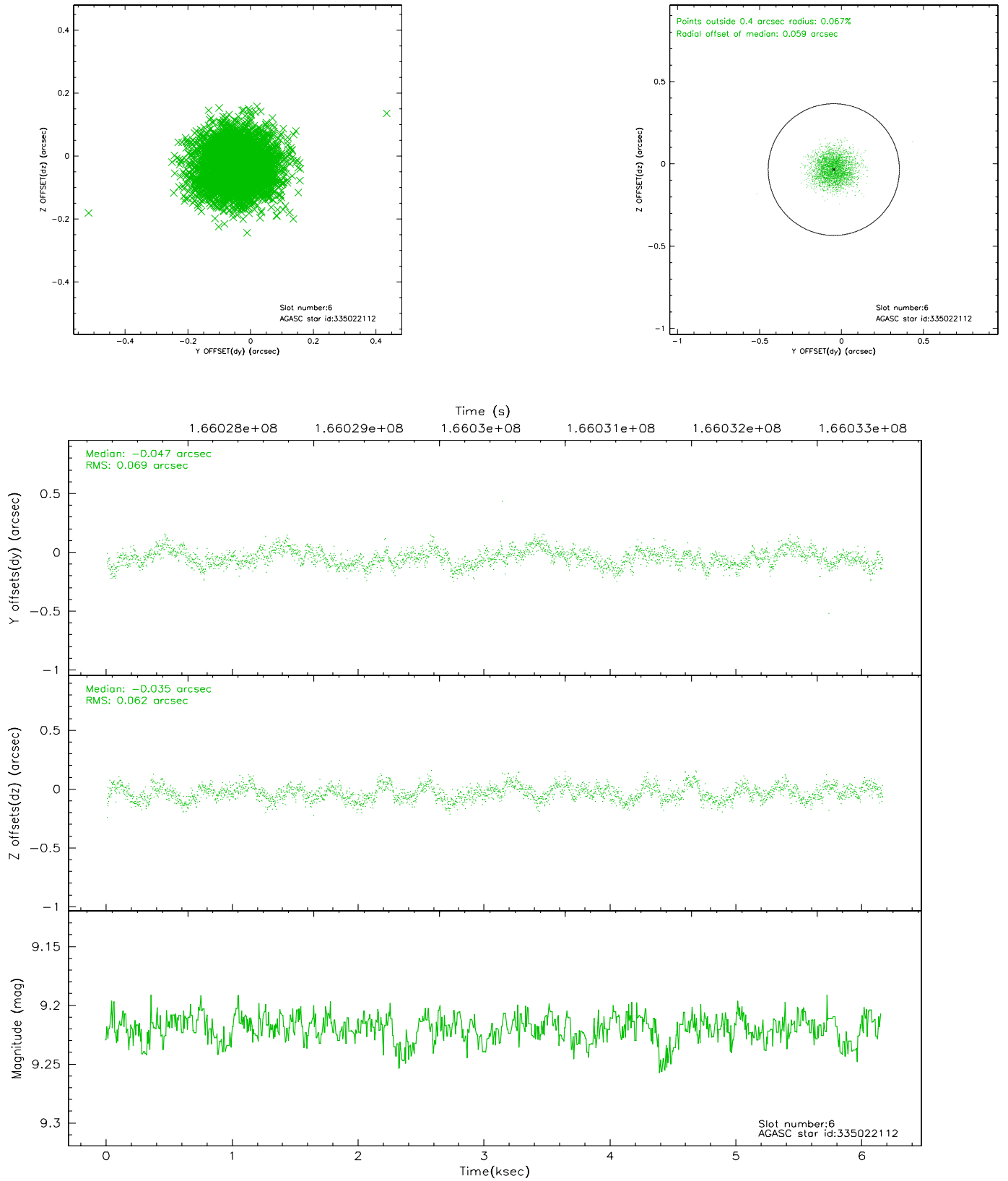
2.4.2 Slot 4



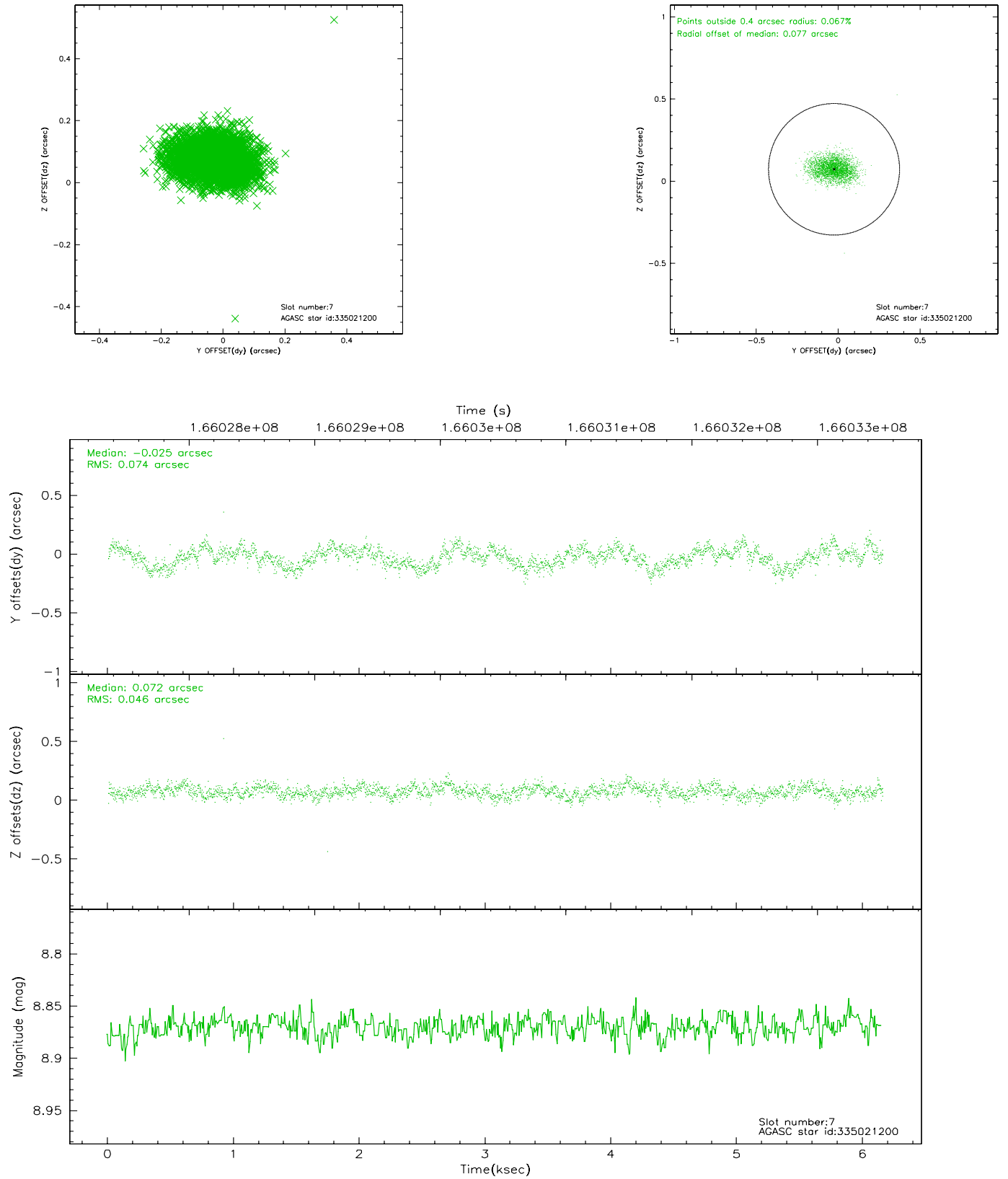
2.4.3 Slot 5



2.4.4 Slot 6

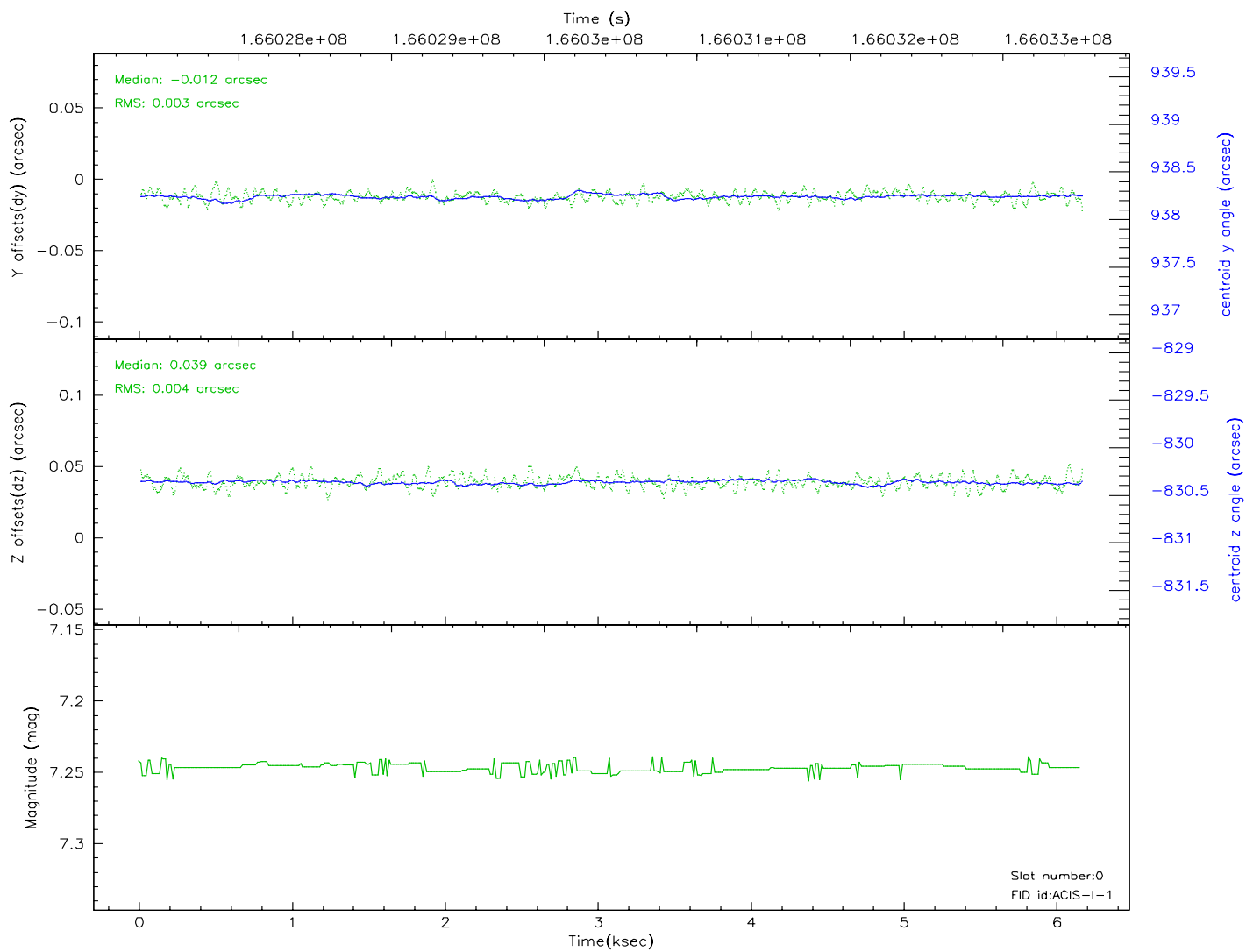
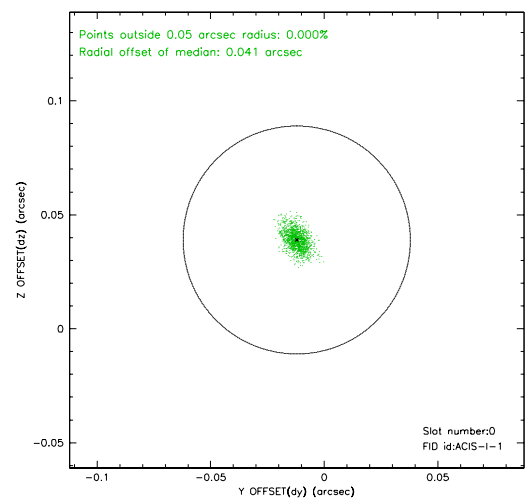
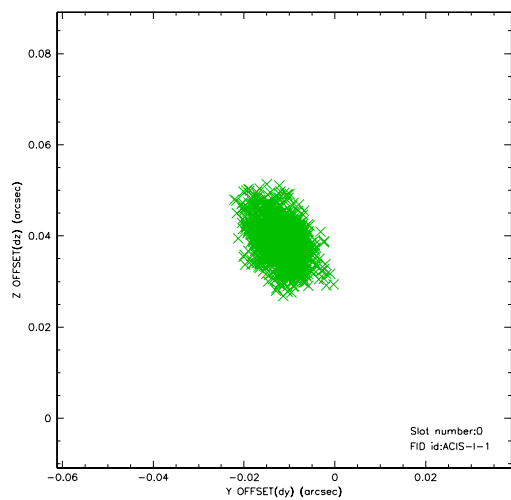


2.4.5 Slot 7

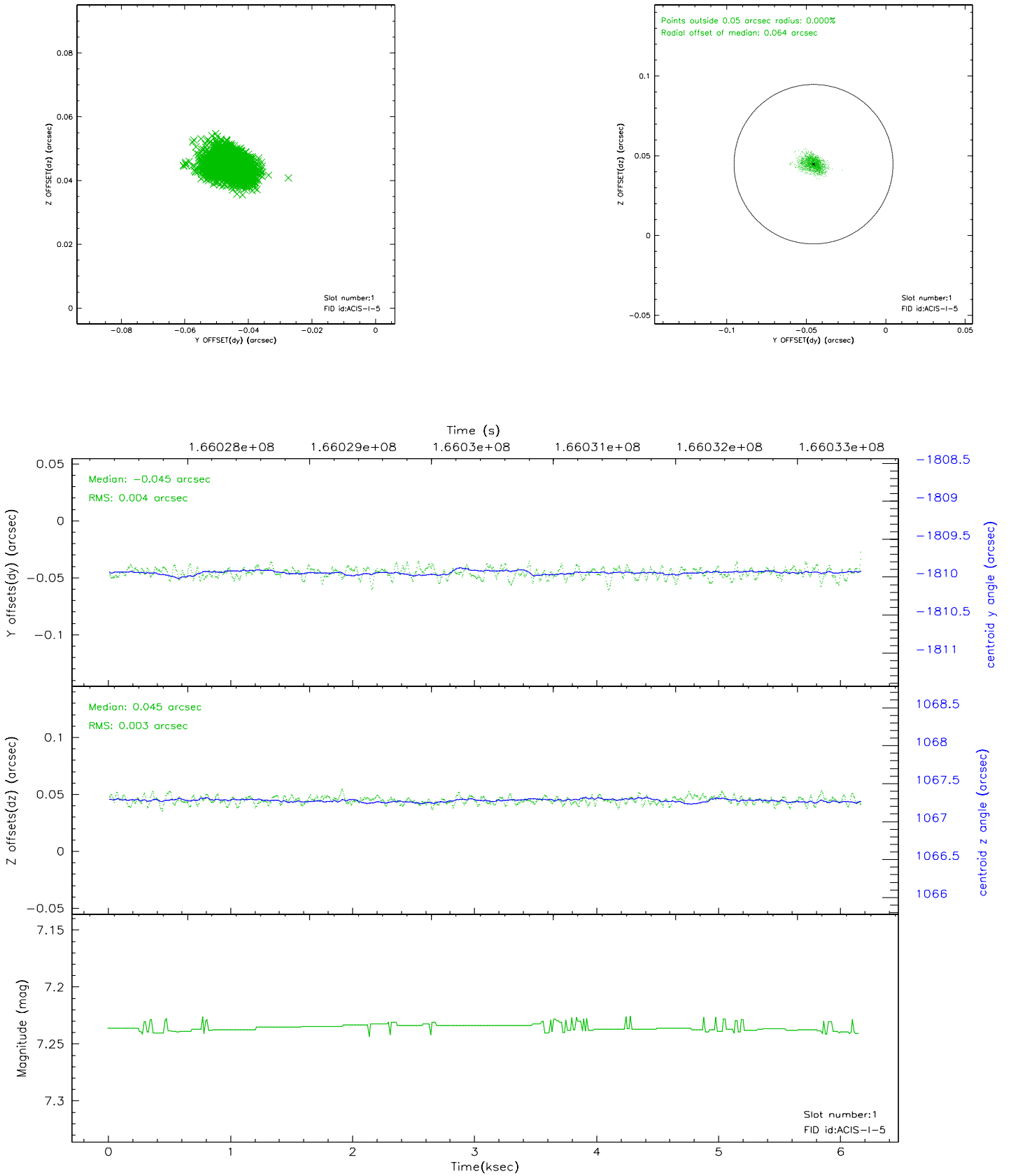


2.5 FID Slots

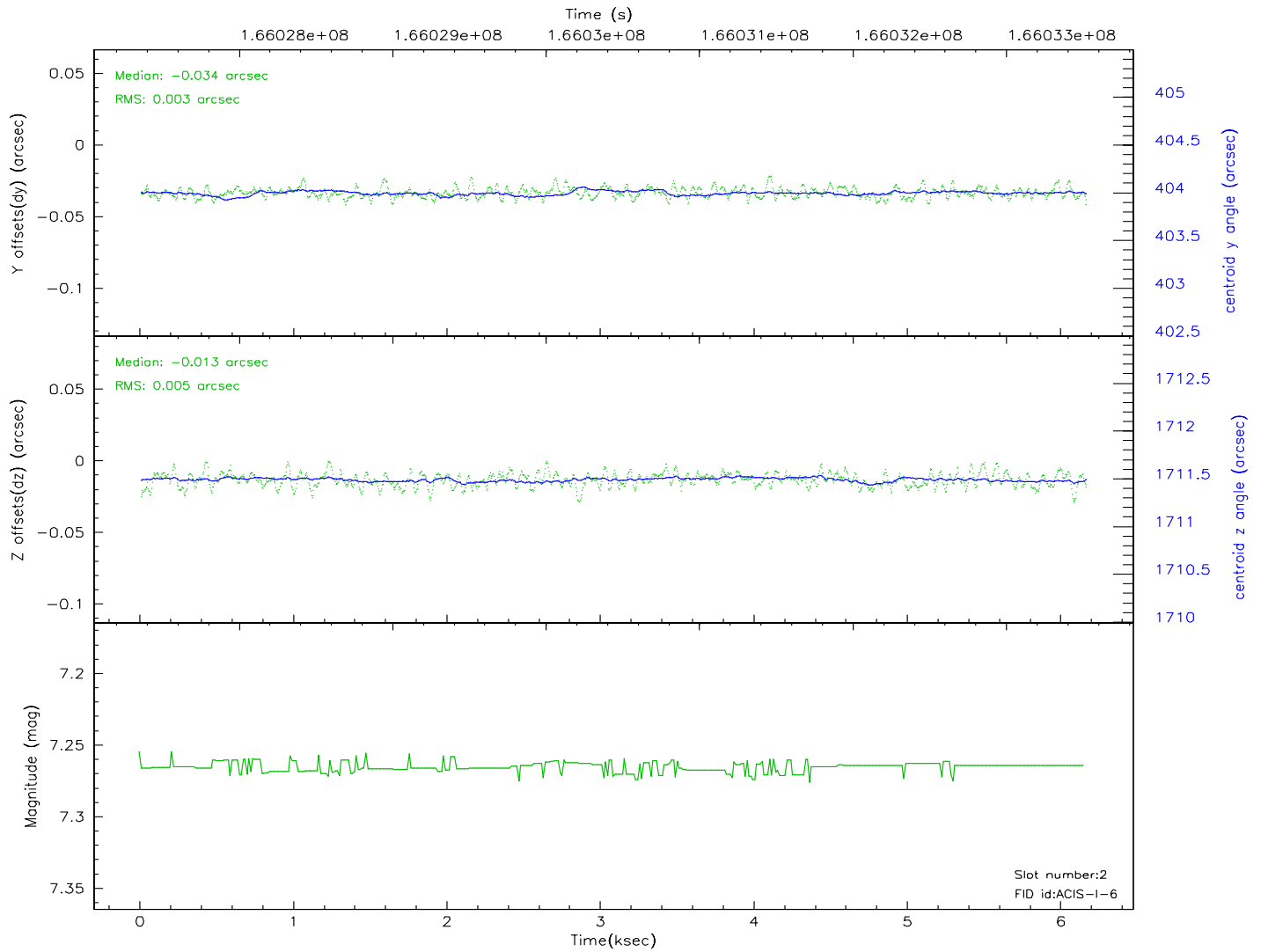
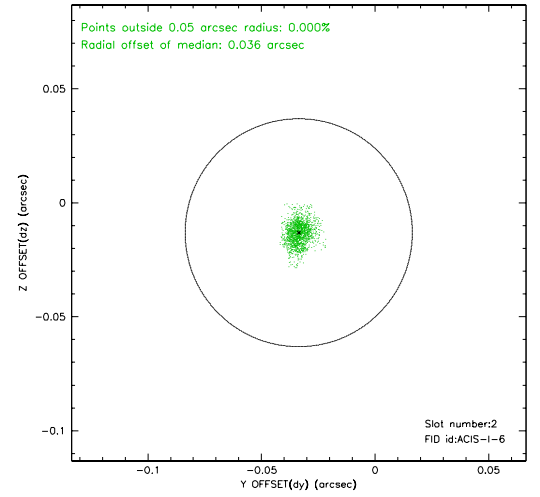
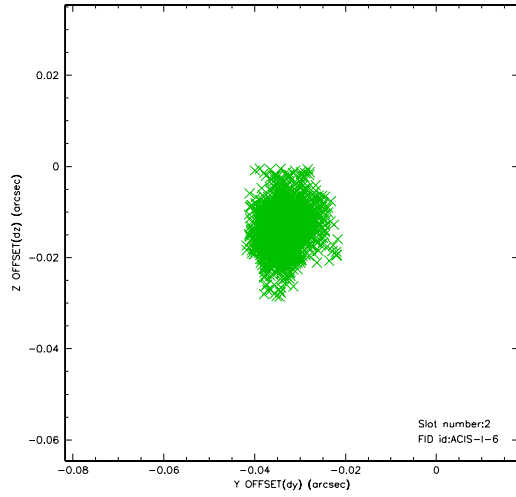
2.5.1 Slot 0



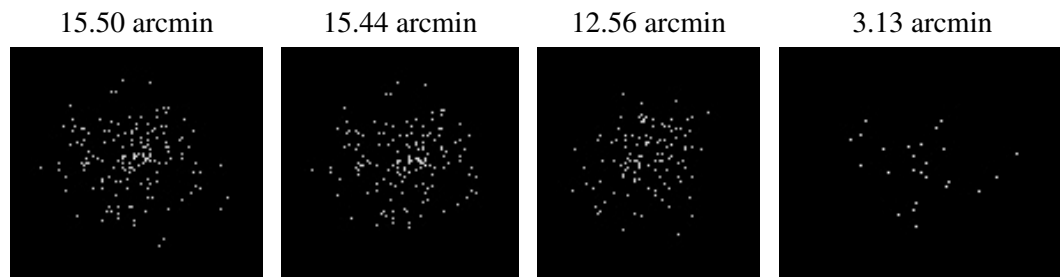
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.922

A.2 Comments