

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1527 - L2 Version 2
Chandra X-Ray Center

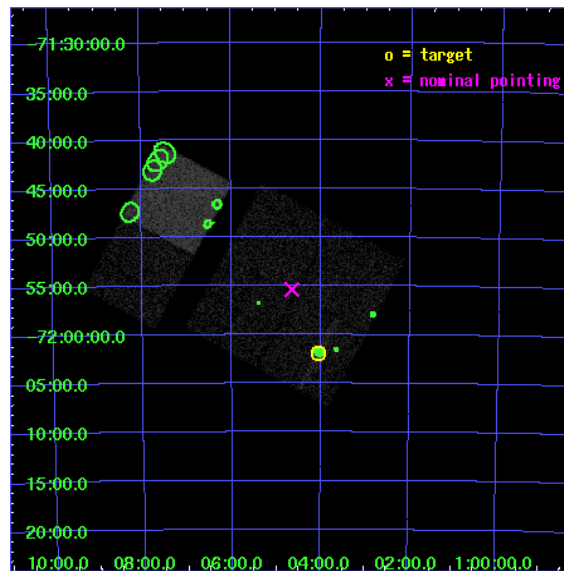
L2 Processing Date : Jul 12 2007

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1 Front

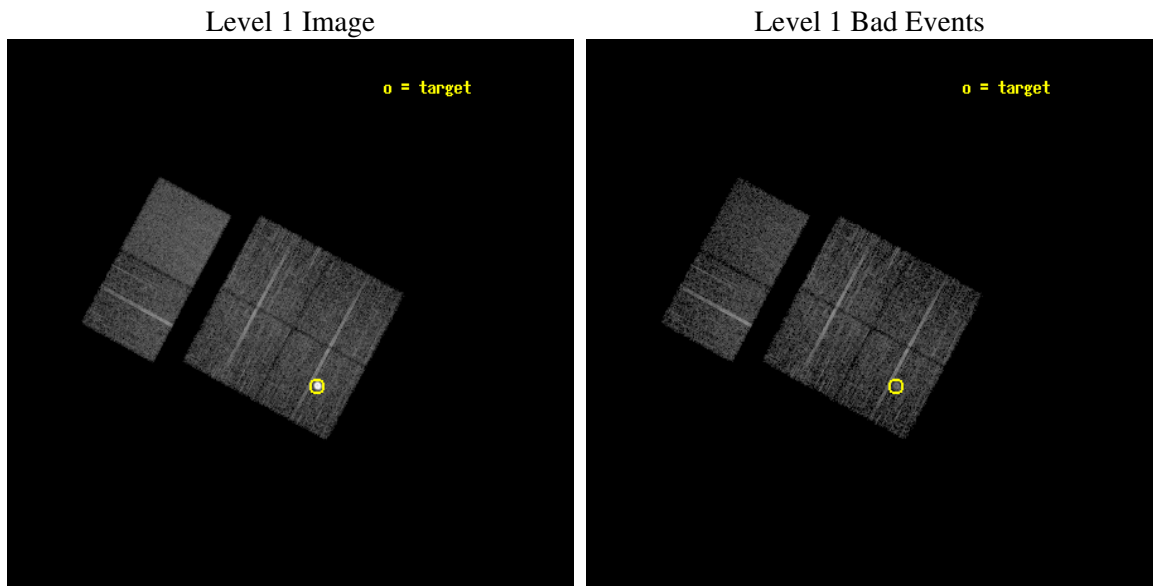
seq_num	590136
obs_id	1527
title	ACIS CALIBRATION OBSERVATION OF THE SUPERNOVA REMNANT E0102-72 (DEC 2000)
observer	Dr. CXC Calibration
object	E0102-72.3 [Chip I0, T=120, Offsets=4,-5,0]
dtcycle	0
cycle	P
ra_targ	16.01
dec_targ	-72.032028
ra_nom	16.161816066376
dec_nom	-71.923107794901
roll_nom	298.44895385727
revision	2
ontime	6960.000006482
livetime	6871.8682955911
ontime0	6960.000006482
ontime1	6960.000006482
ontime2	6960.000006482
ontime3	6960.000006482
ontime6	6960.000006482
ontime7	6960.000006482
l2events	65425



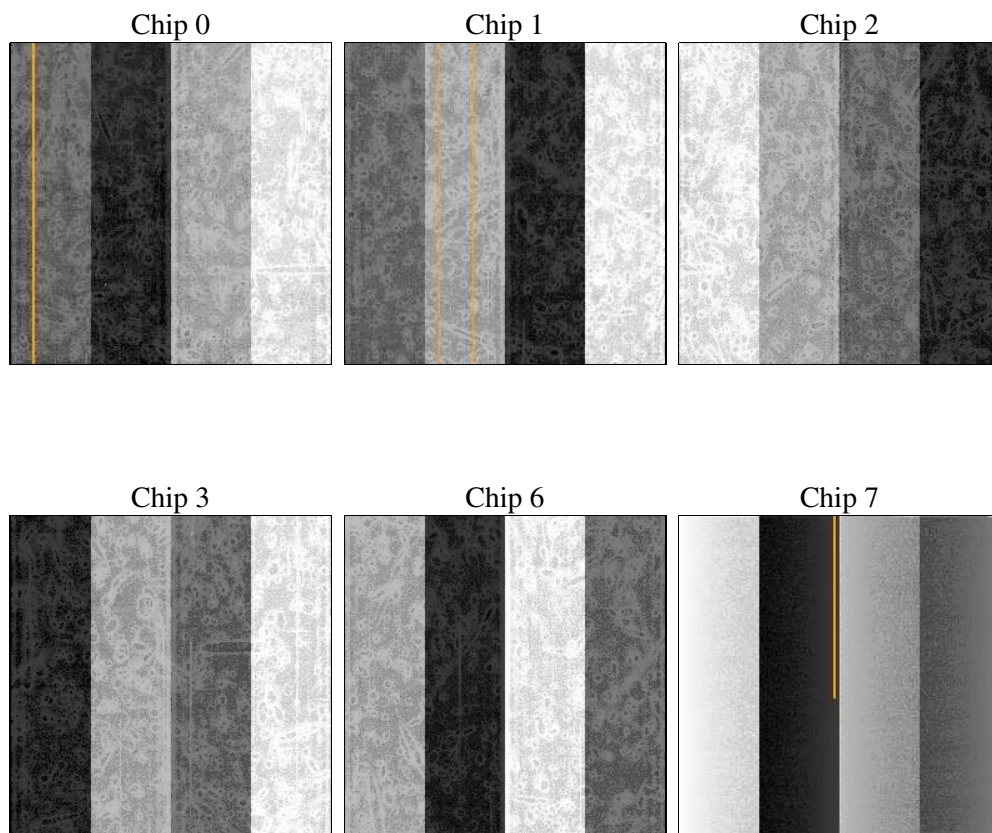
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11
caldbver	3.4.0
date	2007-07-12T21:51:49
revision	2

sched_exp_time	7200.000000
ontime	6960.000006482
ontime0	6960.000006482
ontime1	6960.000006482
ontime2	6960.000006482
ontime3	6960.000006482
ontime6	6960.000006482
ontime7	6960.000006482
l1events	281041

2.1.4 Events

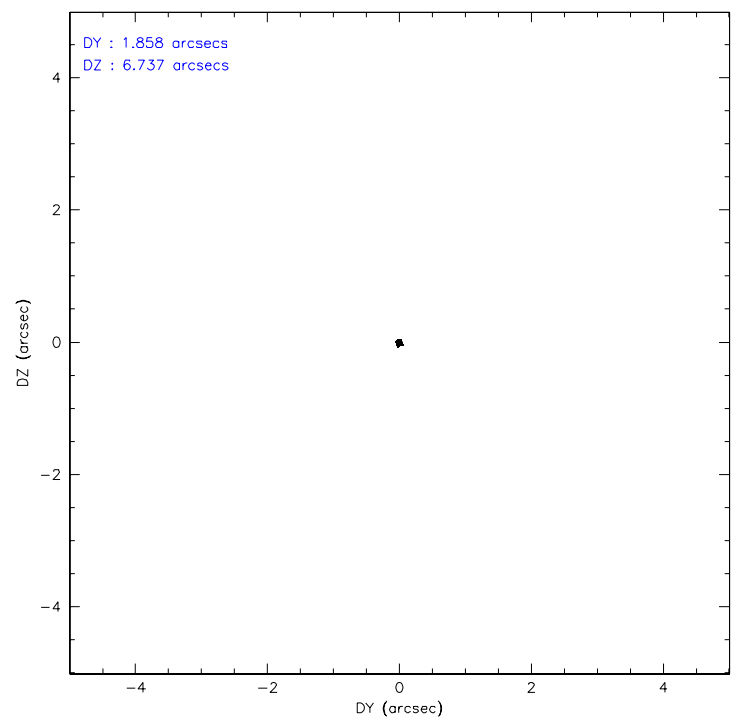
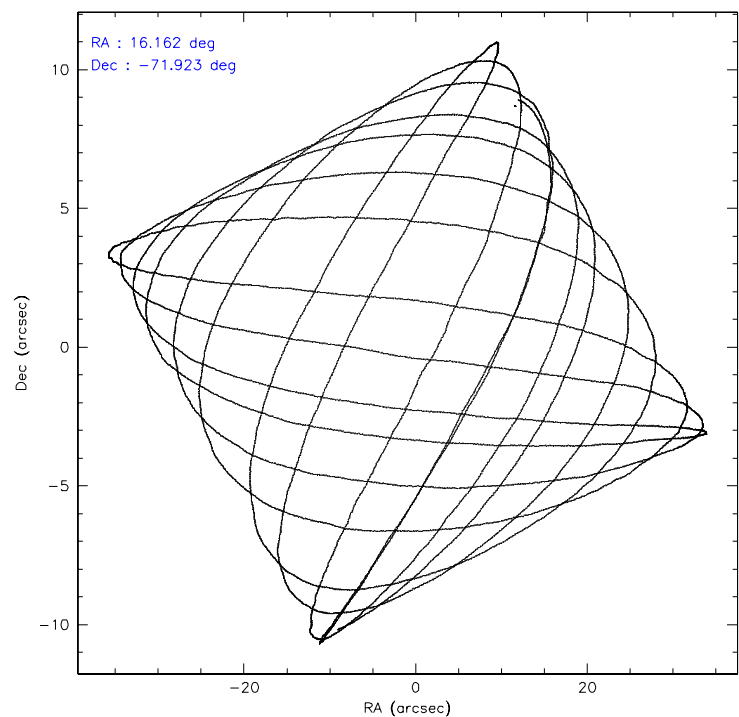
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	62587	37288	42111	43994	41844	53217
rejected events	34440	32123	37288	39300	36881	31331
rejected %	55%	86%	88%	89%	88%	58%

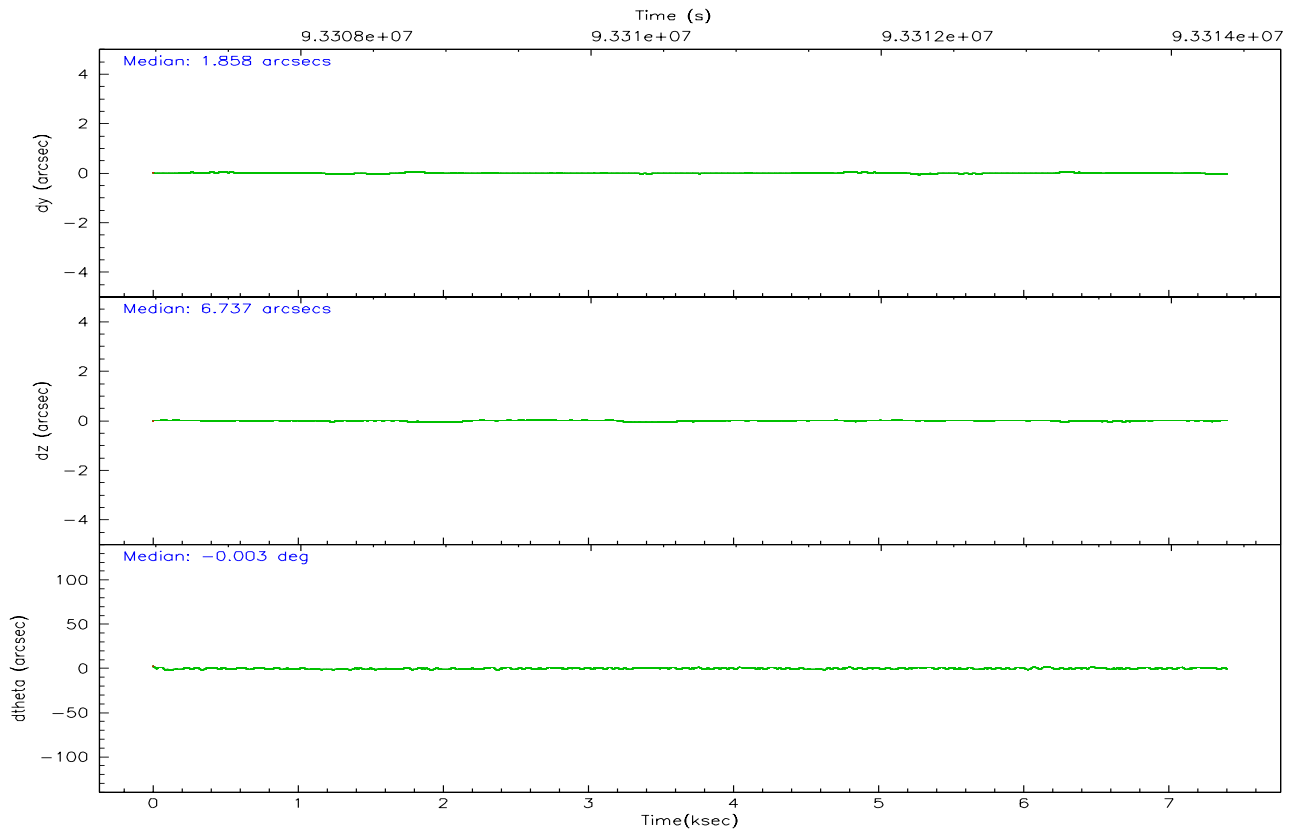
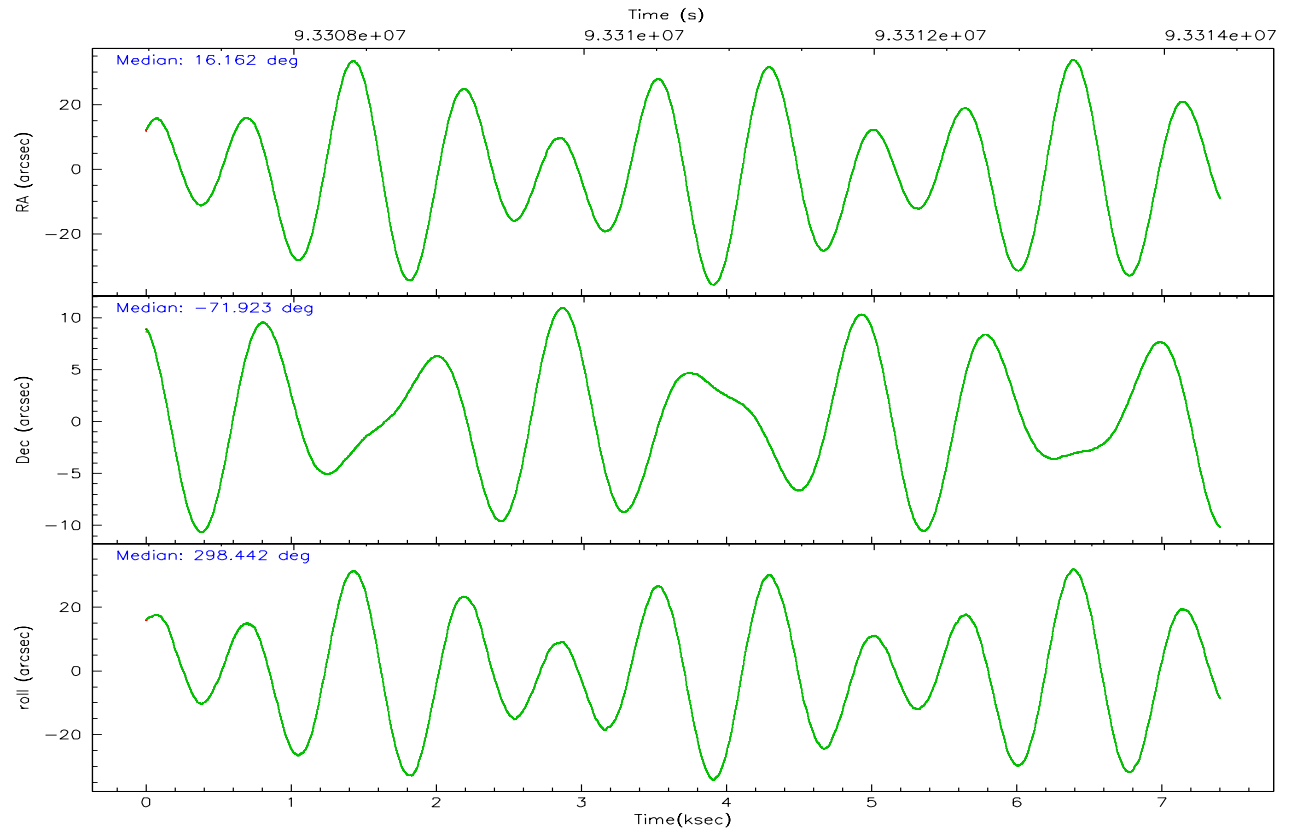
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	22939	2171	2134	2030	2028	2061
	36%	5%	5%	4%	4%	3%
grade 1 events	201	20	22	23	19	49
	0%	0%	0%	0%	0%	0%
grade 2 events	2579	1061	958	852	956	4276
	4%	2%	2%	1%	2%	8%
grade 3 events	834	499	433	482	497	2019
	1%	1%	1%	1%	1%	3%
grade 4 events	859	497	473	461	497	1942
	1%	1%	1%	1%	1%	3%
grade 5 events	1613	1555	1395	1528	1754	5144
	2%	4%	3%	3%	4%	9%
grade 6 events	956	942	832	873	994	11616
	1%	2%	1%	1%	2%	21%
grade 7 events	32606	30543	35864	37745	35099	26110
	52%	81%	85%	85%	83%	49%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	16.086327	16.16181606637571	Subarray requested	NONE	NONE
Pointing Dec	-71.908648	-71.92310779490091	Alternating exposures requested	N	N
Pointing Roll	298.168512	298.4489538572686	Primary exposure time	0.000000	3.2
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	93307187.184000	93306811.535669			
Observation start date	2000-12-15T22:38:43	2000-12-15T22:33:31			
Observation end time	93314387.184000	93314521.58596399			
Observation end date	2000-12-16T00:38:43	2000-12-16T00:42:01			
Read mode	TIMED	TIMED			

2.3 Aspect



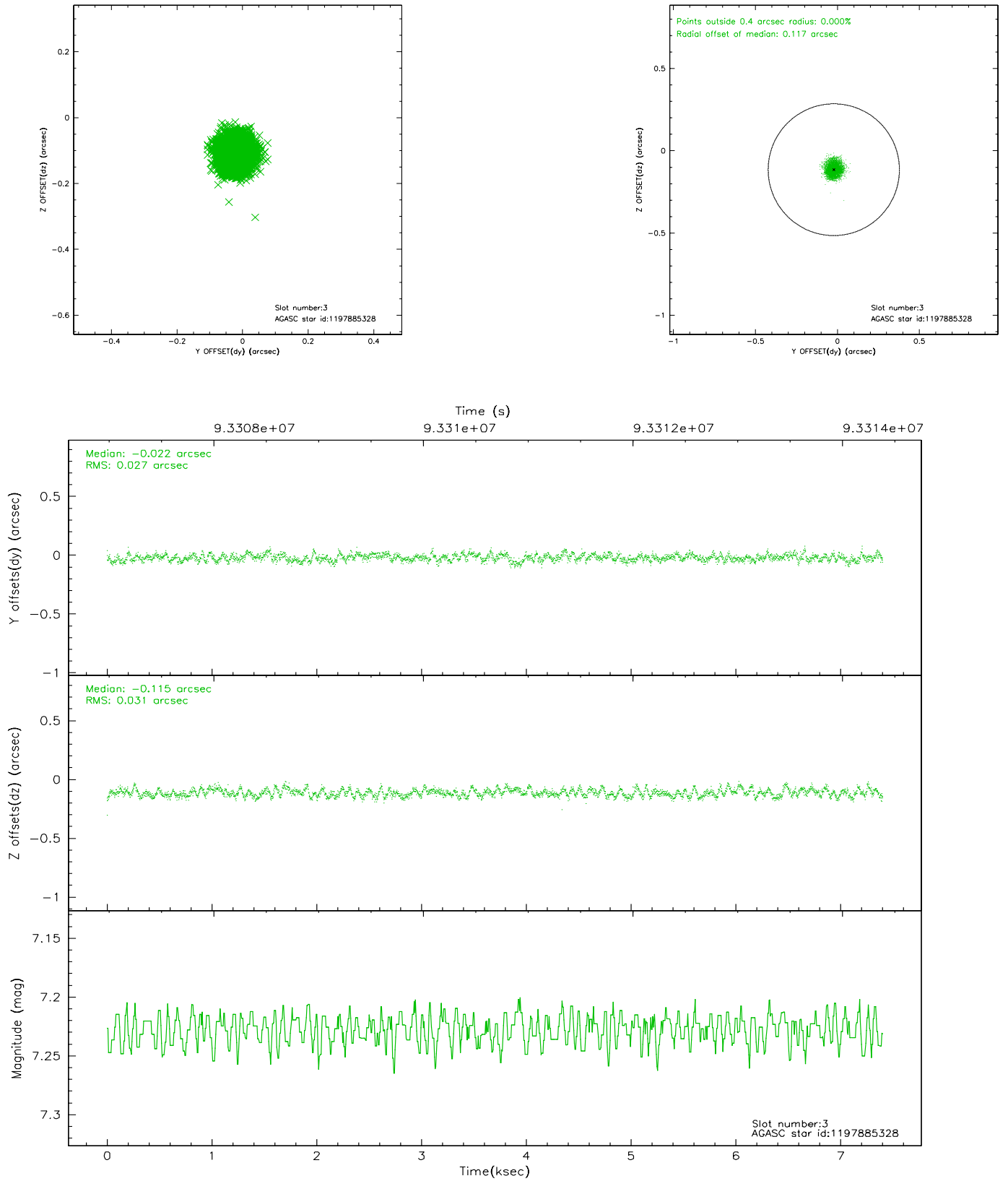


Slot Statistics

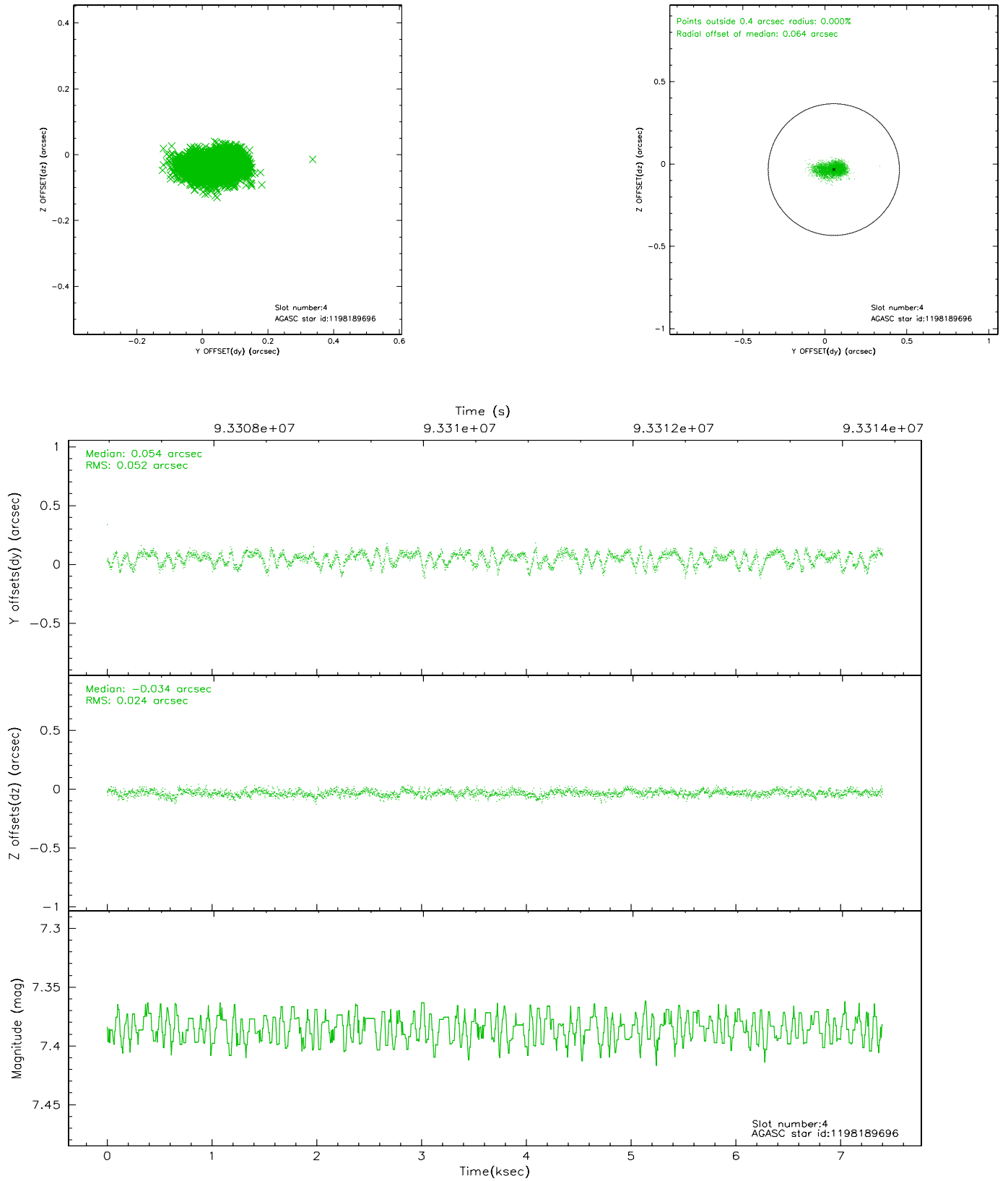
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	1805	-0.028	-0.049	0.008	0.014	0.000000	0.000000	-756.23	-836.54
1	FID	ACIS-I-4	7.18	1802	-0.071	0.038	0.005	0.009	0.000000	0.000000	2157.42	1069.35
2	FID	ACIS-I-5	7.23	1805	-0.002	0.080	0.008	0.014	0.000000	0.000000	-1809.05	1068.10
3	GUIDE	1197885328	7.23	3610	-0.022	-0.115	0.045	0.069	16.283090	-71.733943	-449.80	492.08
4	GUIDE	1198189696	7.39	3611	0.054	-0.034	0.059	0.106	15.223750	-72.697522	2073.32	-2157.96
5	GUIDE	1197750936	7.56	3611	-0.091	0.105	0.049	0.078	15.387940	-71.549550	-1511.07	-94.36
6	GUIDE	1197884536	8.49	3611	-0.014	0.044	0.061	0.096	17.160729	-71.835289	344.87	1182.28
7	GUIDE	1197884712	8.30	3610	0.080	0.001	0.055	0.088	16.087398	-72.252690	1092.27	-583.50

2.4 Star Slots

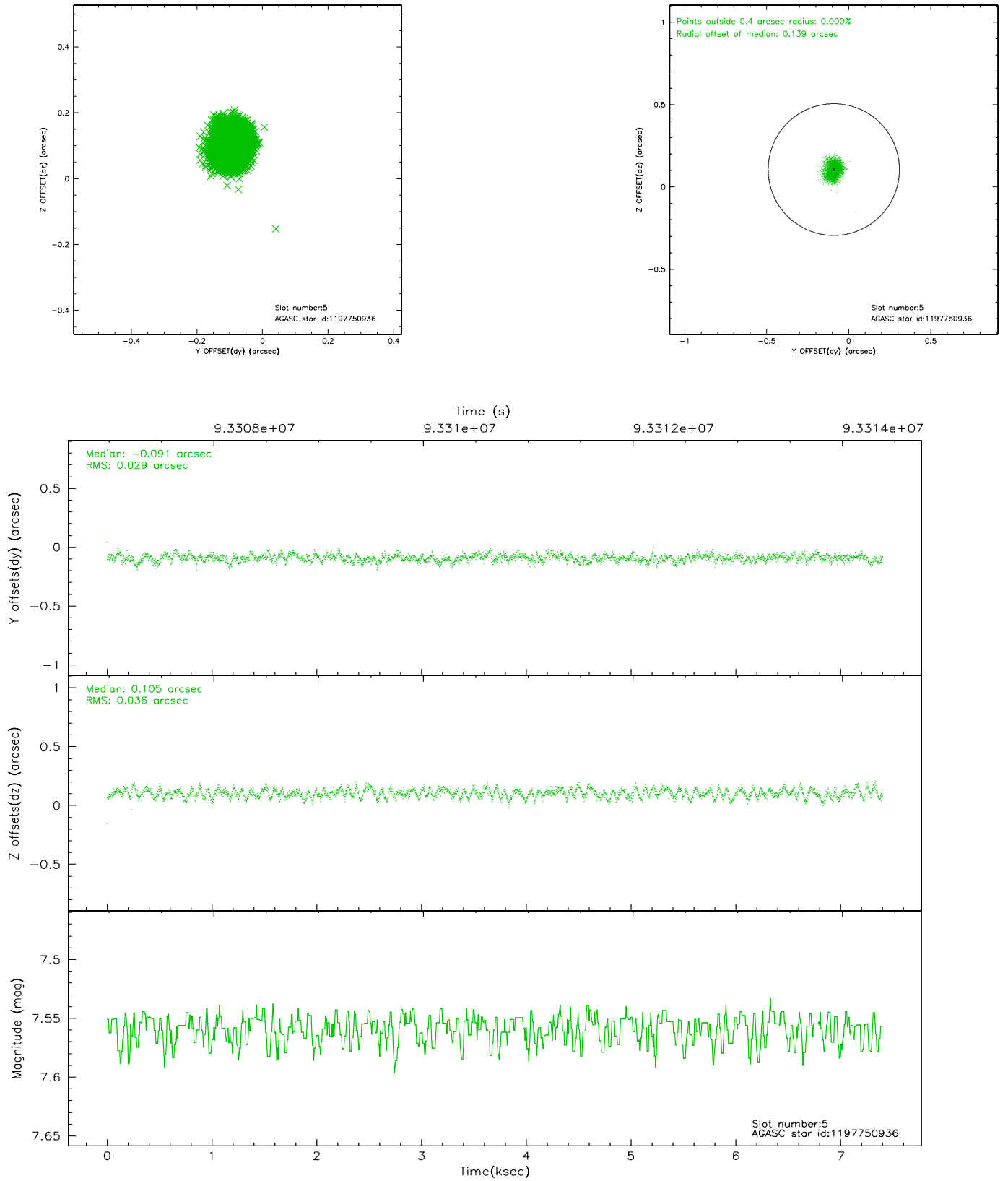
2.4.1 Slot 3



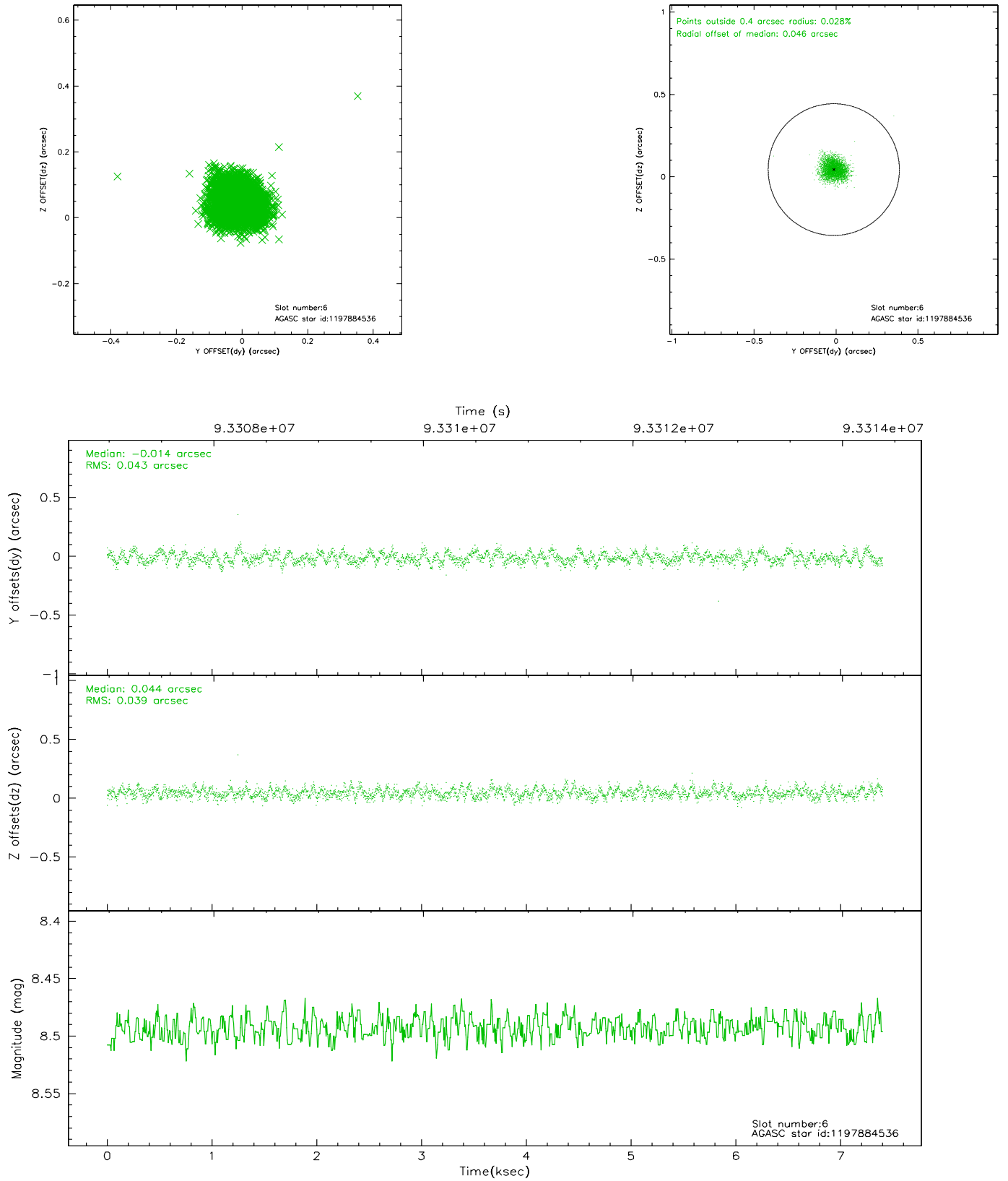
2.4.2 Slot 4



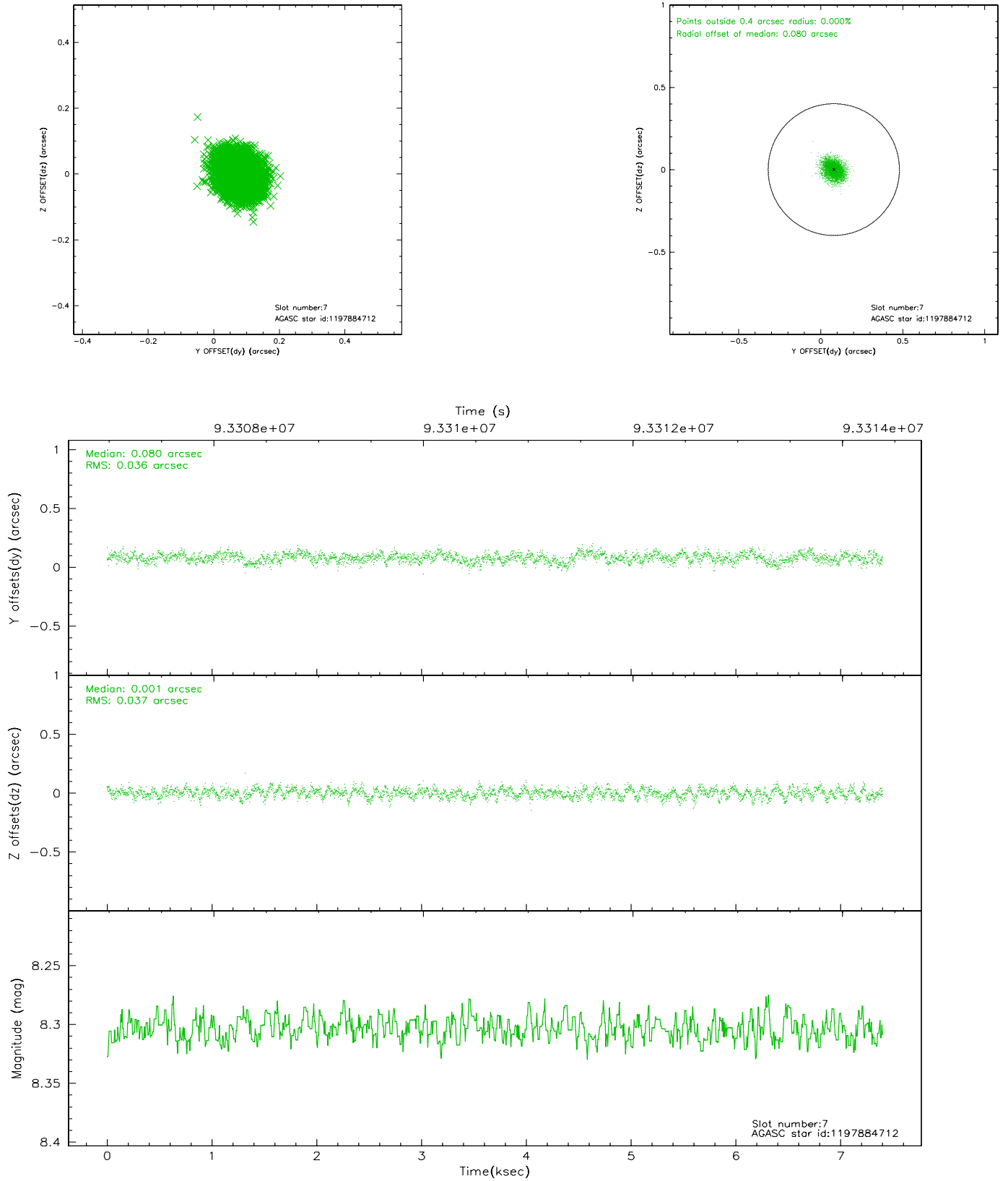
2.4.3 Slot 5



2.4.4 Slot 6

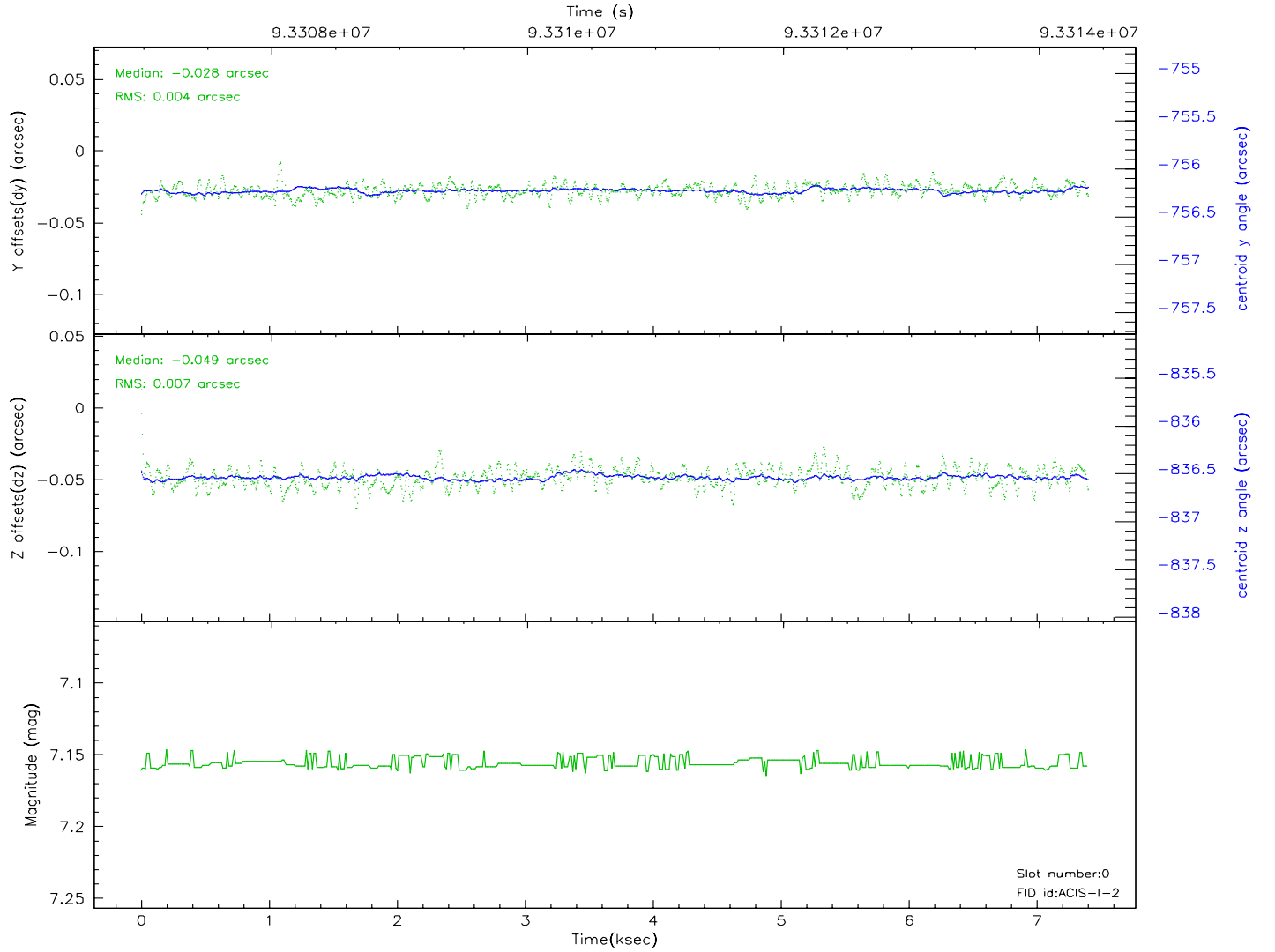
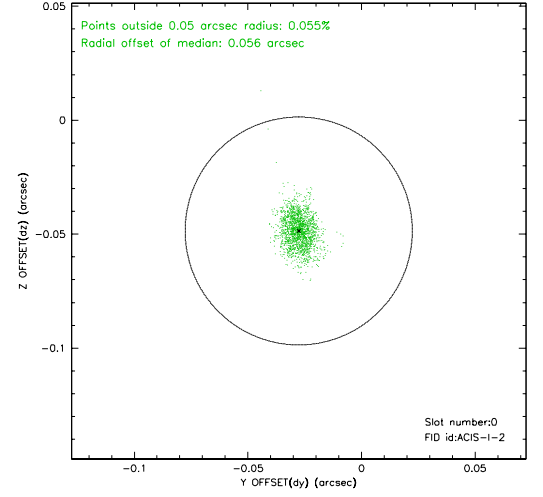
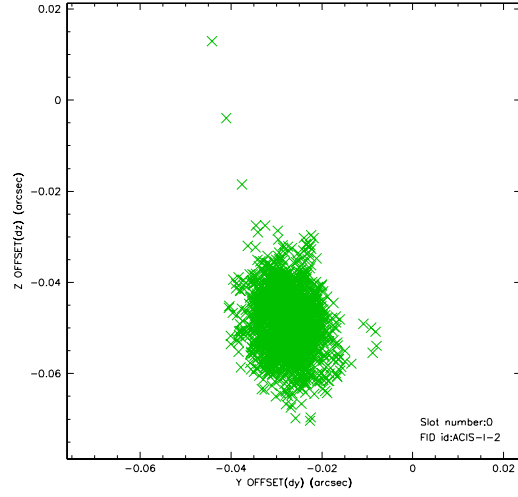


2.4.5 Slot 7

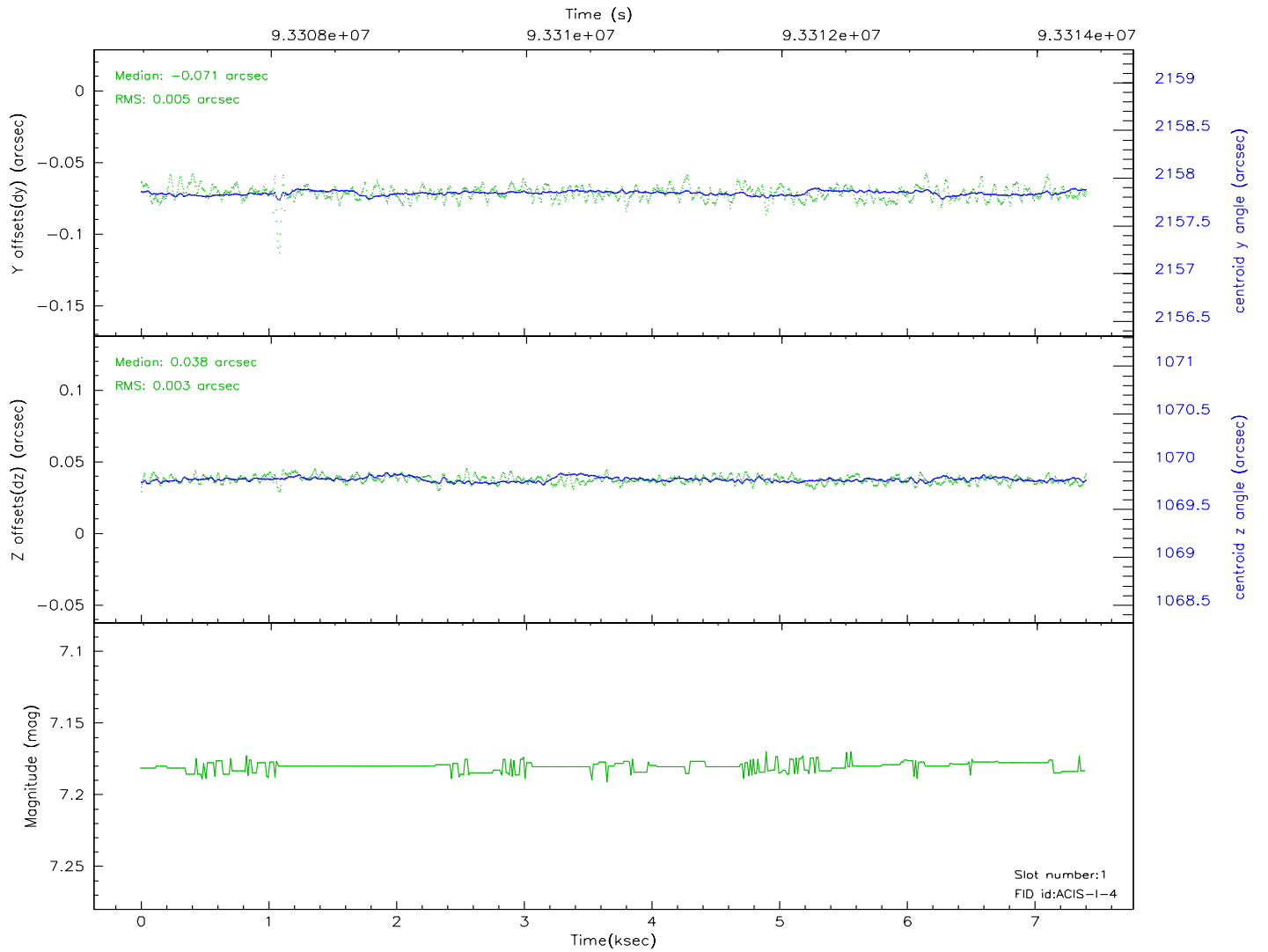
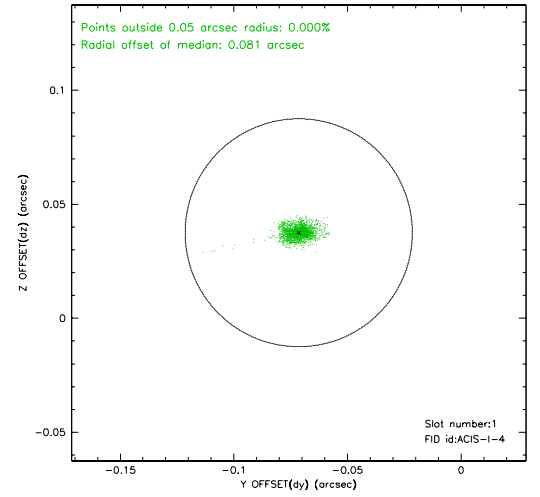
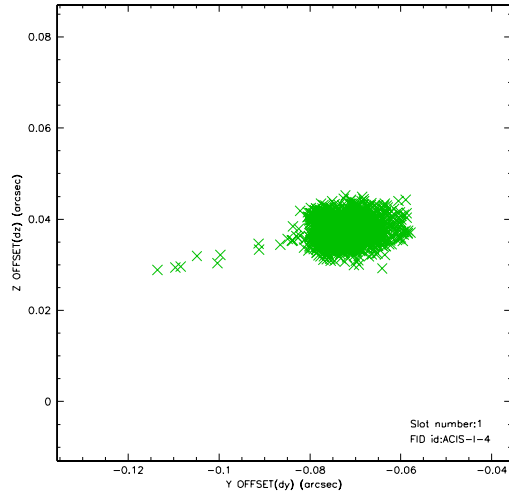


2.5 FID Slots

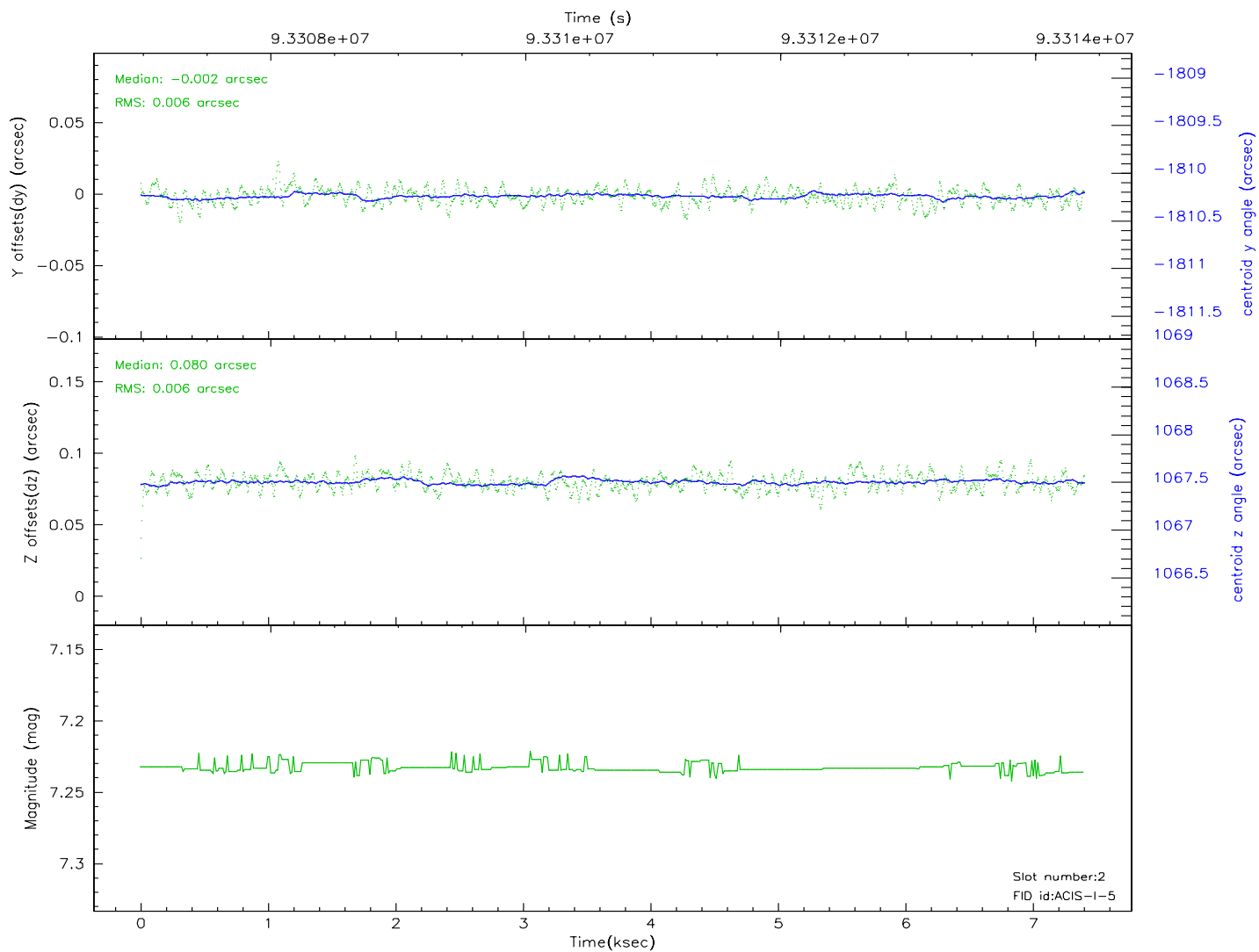
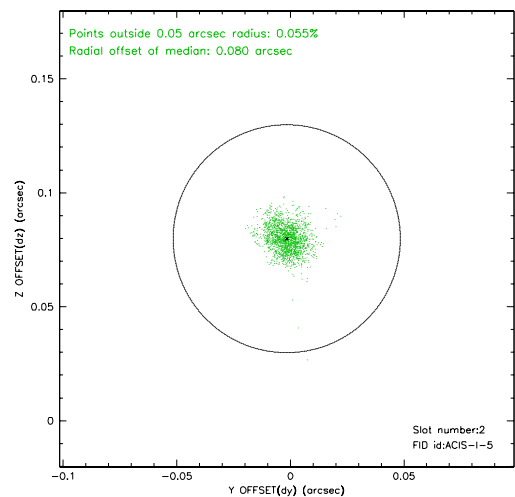
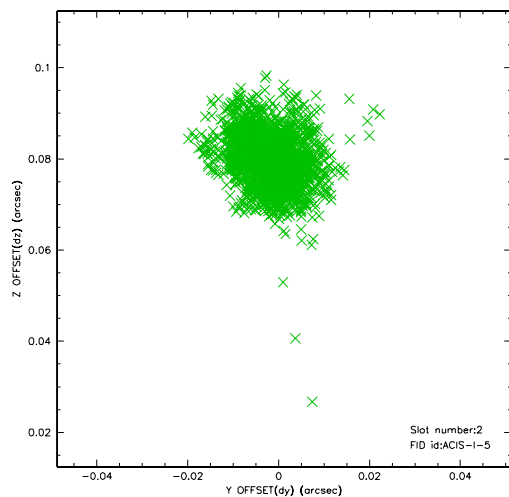
2.5.1 Slot 0



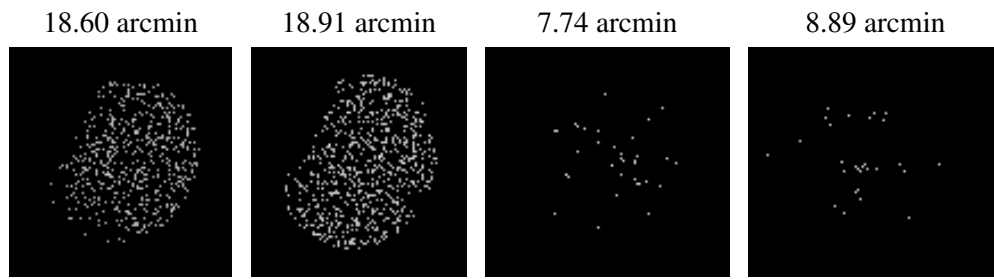
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.963

A.2 Comments

Window constraint met.