

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2286 - L2 Version 001
Chandra X-Ray Center

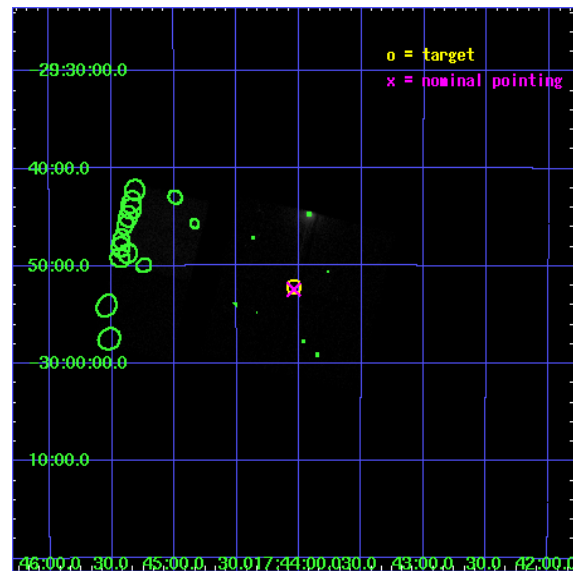
L2 Processing Date : Dec 14 2006

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1 Front

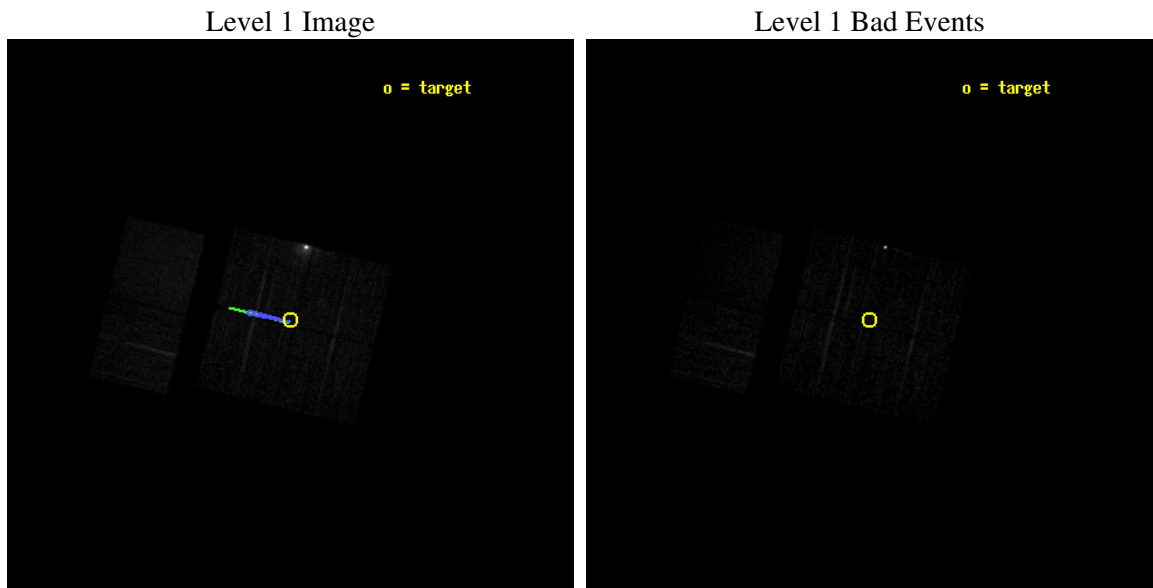
seq_num	900113
obs_id	2286
title	CHANDRA SURVEY OF THE GALACTIC RIDGE AROUND THE MILKY WAY CENTER
observer	Prof. Q. Daniel Wang
object	GCS 28
dtcycle	0
cycle	P
ra_targ	266.0111
dec_targ	-29.8694
ra_nom	266.01025902484
dec_nom	-29.874086767963
roll_nom	283.80727437143
revision	2
ontime	11760.000010952
livetime	11611.087809792
ontime0	11760.000010952
ontime1	11760.000010952
ontime2	11760.000010952
ontime3	11760.000010952
ontime6	11760.000010952
ontime7	11760.000010952
l2events	95830



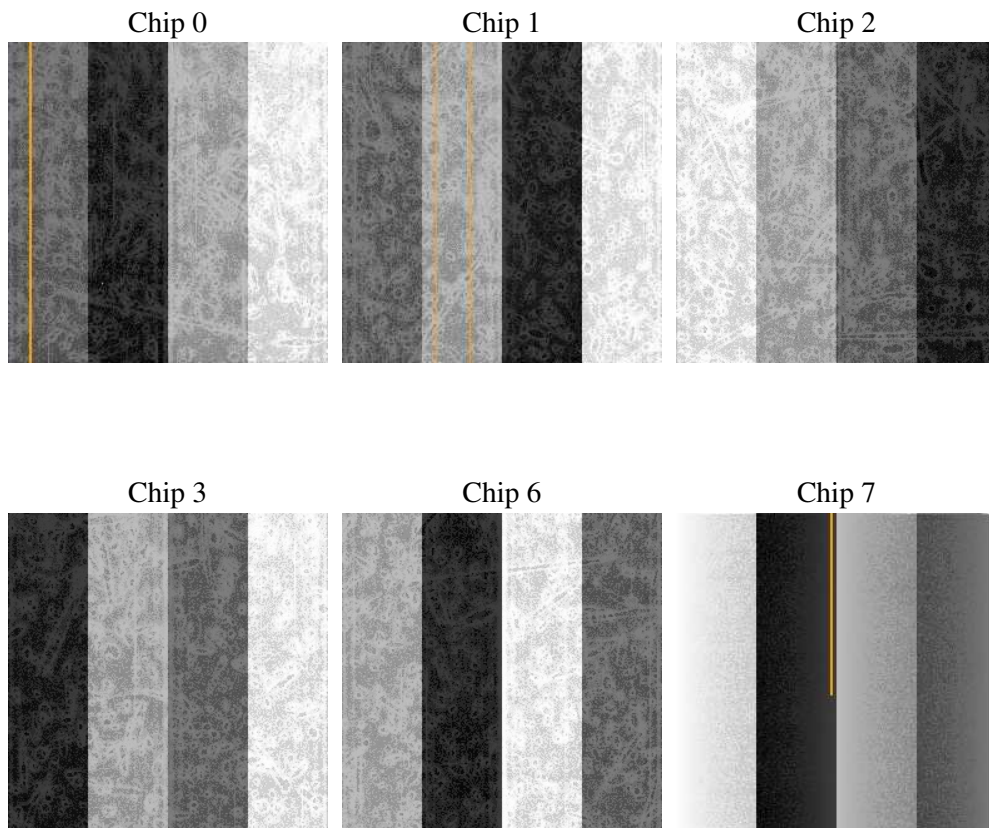
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-14T15:45:23
revision	2

sched_exp_time	12000.000000
ontime	11764.855140537
ontime0	11764.855140537
ontime1	11764.855120599
ontime2	11764.855120599
ontime3	11764.855140537
ontime6	11764.855140537
ontime7	11764.855110615
l1events	252363

2.1.4 Events

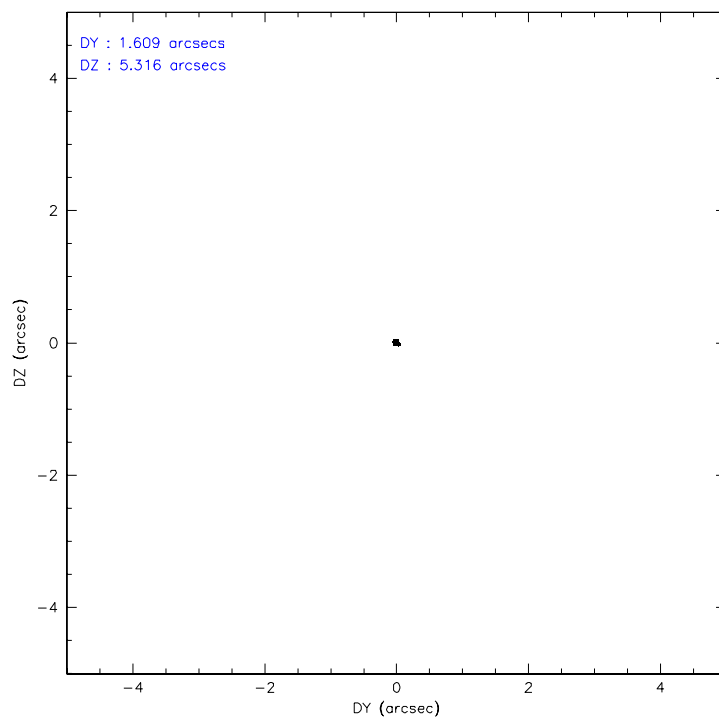
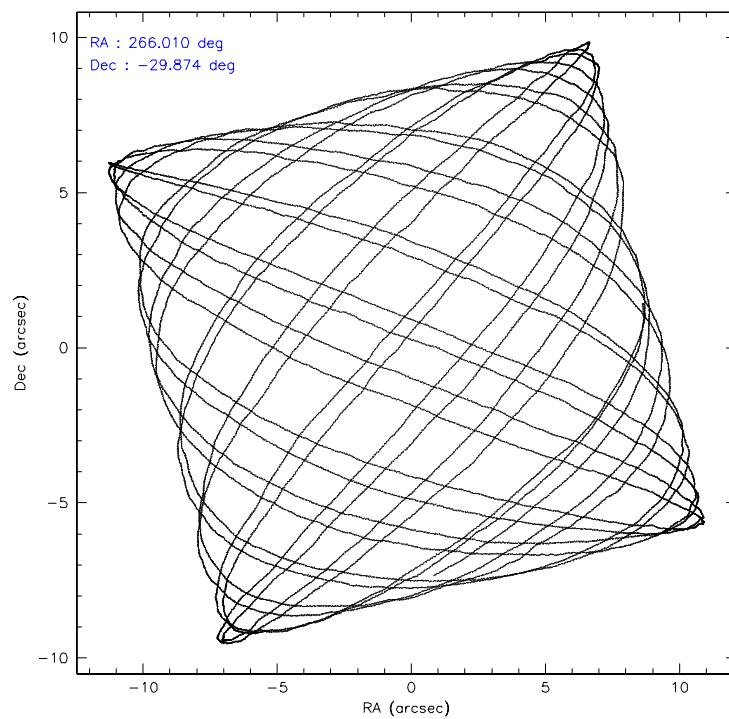
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	29658	32868	32131	85647	32861	39198
rejected events	24158	23266	26834	32324	26841	19755
rejected %	81%	70%	83%	37%	81%	50%

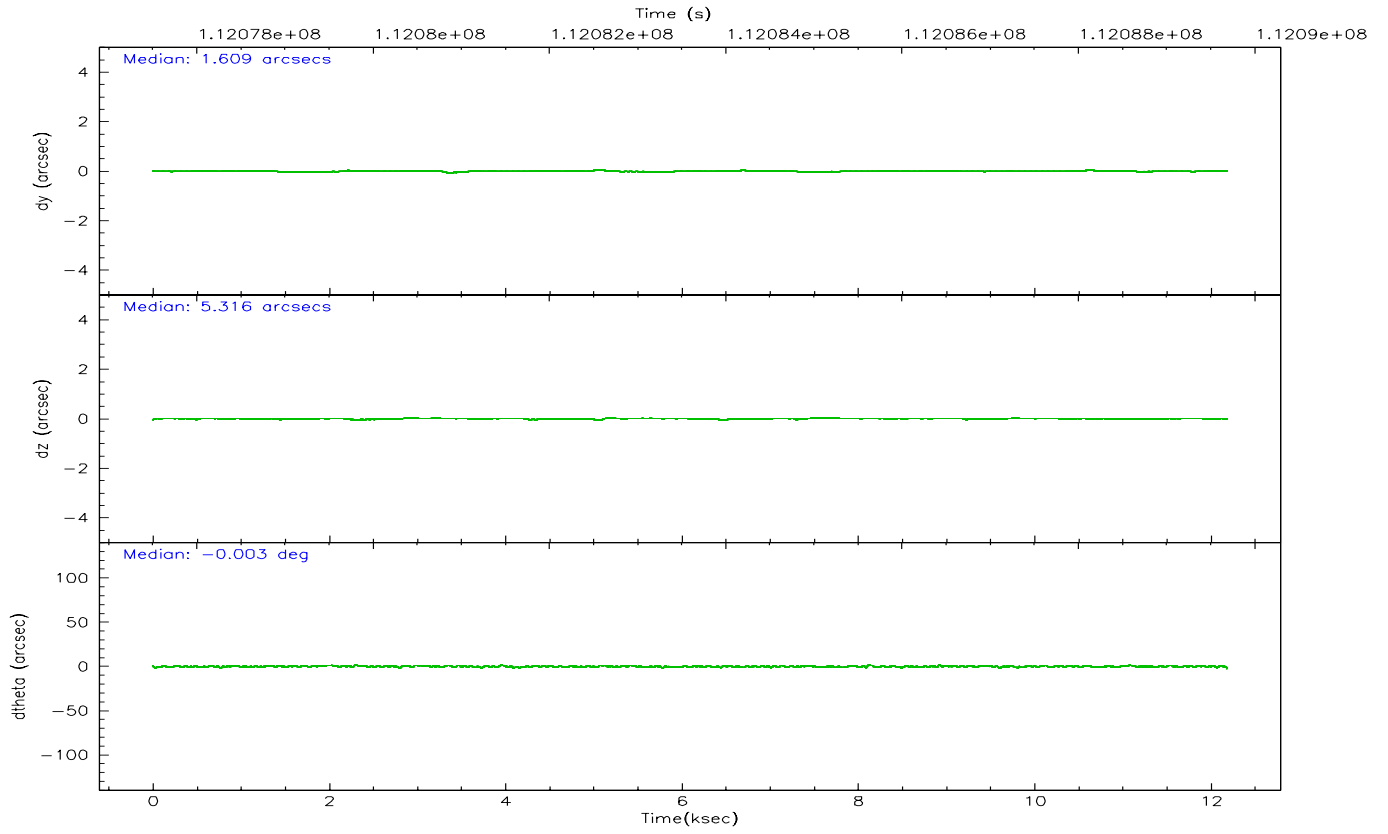
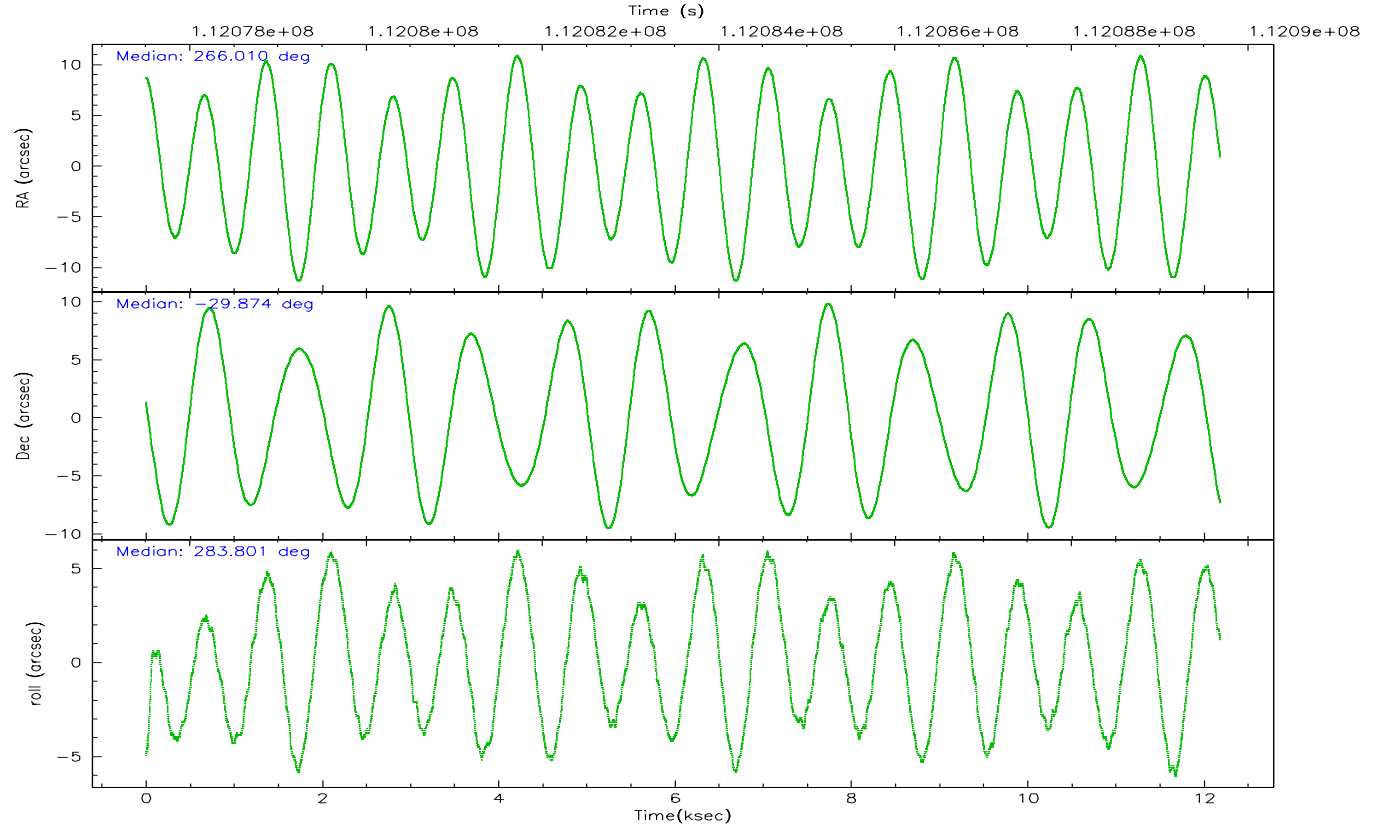
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2643	5301	2655	30042	2881	1224
	8%	16%	8%	35%	8%	3%
grade 1 events	30	36	28	2210	23	25
	0%	0%	0%	2%	0%	0%
grade 2 events	1064	1706	1027	9279	1139	4925
	3%	5%	3%	10%	3%	12%
grade 3 events	505	671	400	3534	506	1060
	1%	2%	1%	4%	1%	2%
grade 4 events	428	672	436	3388	525	1113
	1%	2%	1%	3%	1%	2%
grade 5 events	1183	1350	1138	3215	1454	3473
	3%	4%	3%	3%	4%	8%
grade 6 events	865	1257	780	7105	971	11127
	2%	3%	2%	8%	2%	28%
grade 7 events	22940	21875	25667	26874	25362	16251
	77%	66%	79%	31%	77%	41%

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	265.988300	266.0102590248433	Subarray requested	NONE	NONE
Pointing Dec	-29.854291	-29.87408676796308	Alternating exposures requested	N	N
Pointing Roll	283.587645	283.8072743714338	Primary exposure time	0.000000	3.2
Roll angle	283.600000	283.600000			
Roll tolerance	2.000000	2.000000			
Roll constraint allows 180D rotation	N	N			
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	112077686.184000	112077309.77489			
Observation start date	2001-07-21T04:40:22	2001-07-21T04:35:09			
Observation end time	112089686.184000	112089819.90038			
Observation end date	2001-07-21T08:00:22	2001-07-21T08:03:39			
Read mode	TIMED	TIMED			

2.3 Aspect



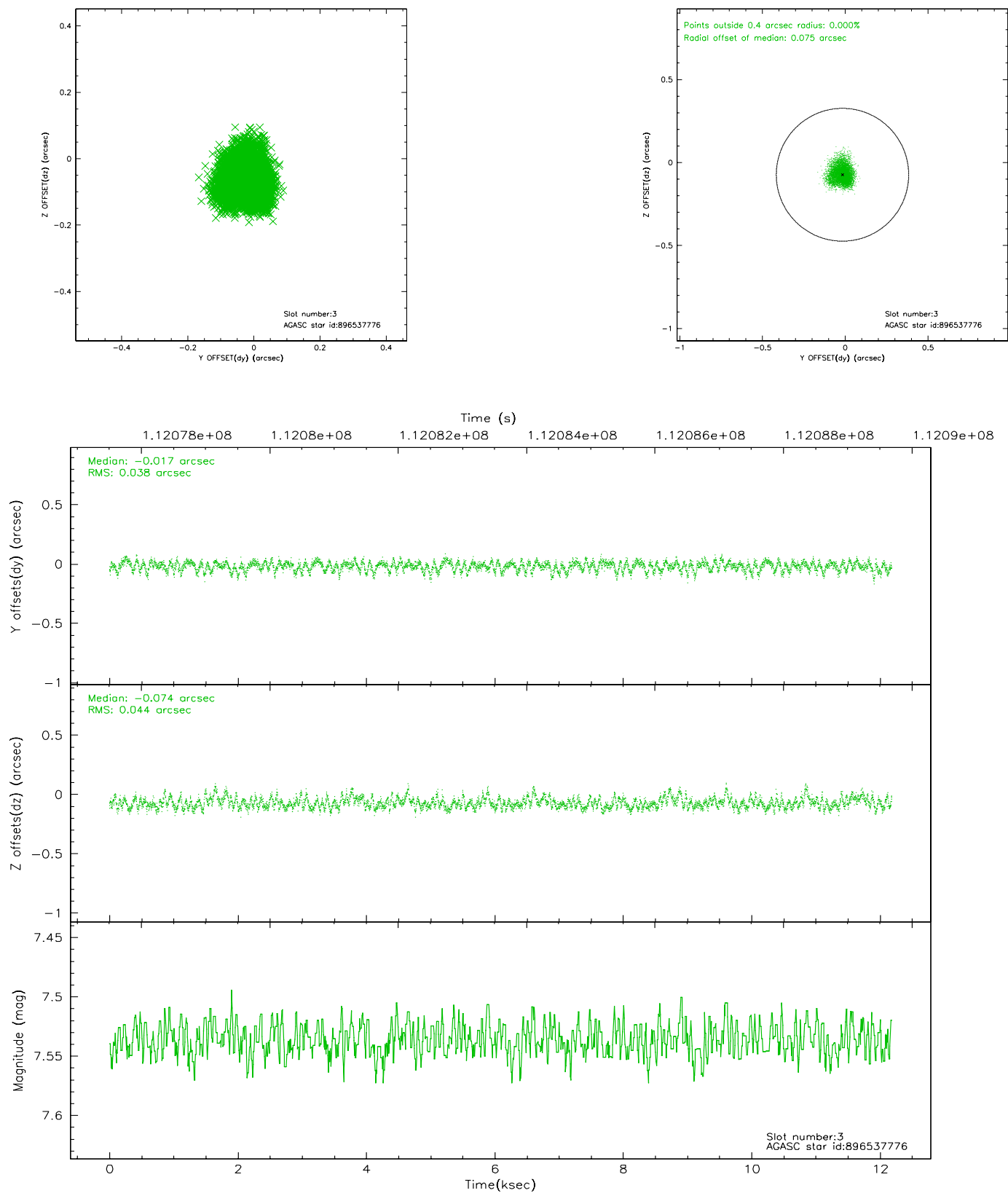


Slot Statistics

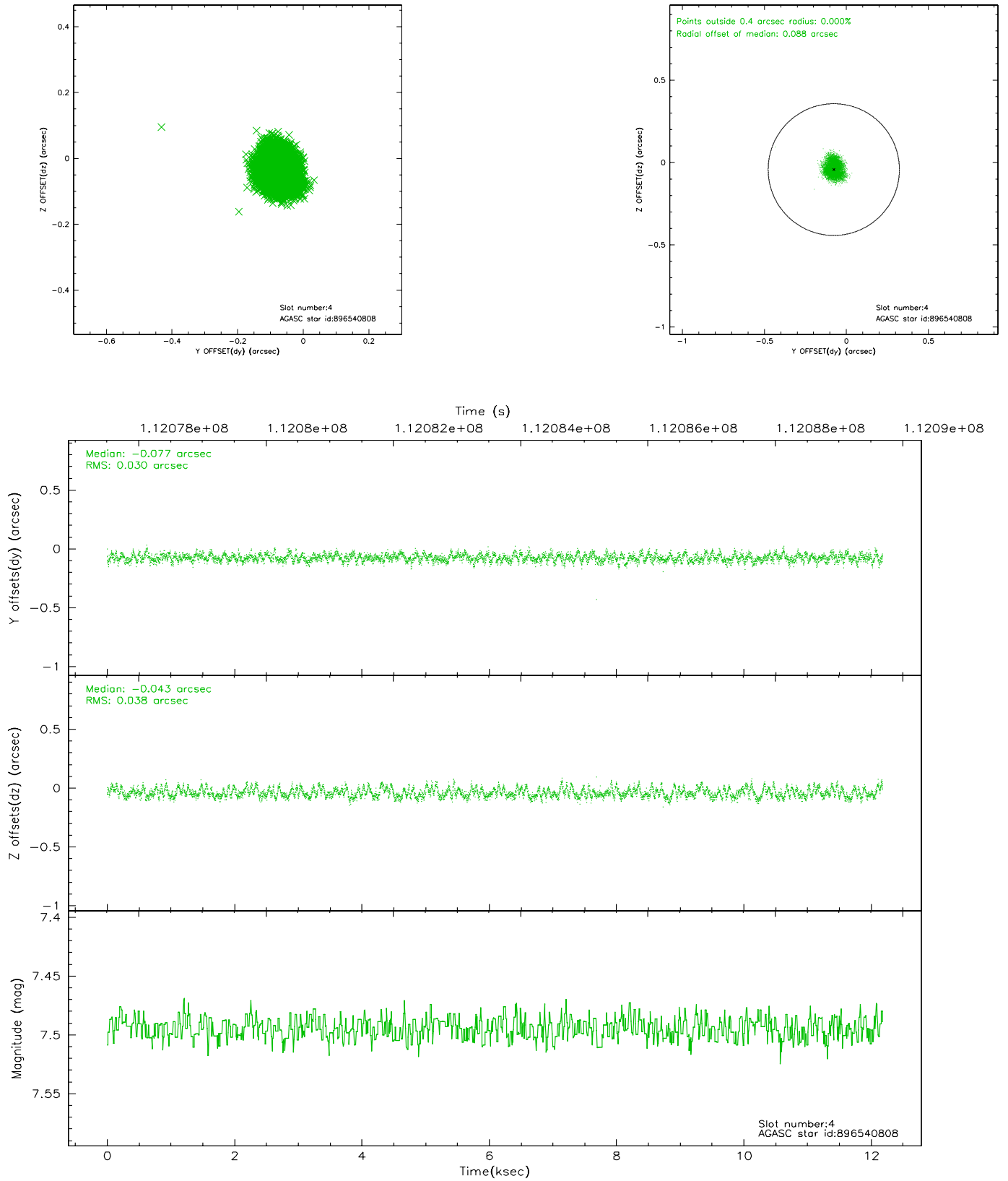
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	2972	-0.018	-0.026	0.009	0.016	0.000000	0.000000	-755.95	-835.06
1	FID	ACIS-I-4	7.18	2972	-0.070	0.027	0.005	0.009	0.000000	0.000000	2157.85	1070.99
2	FID	ACIS-I-5	7.23	2972	-0.012	0.067	0.009	0.014	0.000000	0.000000	-1809.27	1069.30
3	GUIDE	896537776	7.54	5944	-0.017	-0.074	0.062	0.101	266.655684	-29.665673	-163.53	2187.62
4	GUIDE	896540808	7.49	5943	-0.077	-0.043	0.053	0.081	265.985401	-29.308604	-1911.37	453.18
5	GUIDE	966924920	8.08	5944	0.221	0.005	0.051	0.081	265.875401	-30.176961	1047.11	-613.91
6	GUIDE	896544544	8.67	5925	0.005	0.066	0.077	0.117	266.707391	-29.885740	644.56	2153.83
7	GUIDE	896405480	8.23	5941	-0.128	0.048	0.061	0.104	265.220460	-29.599691	-1447.22	-2122.17

2.4 Star Slots

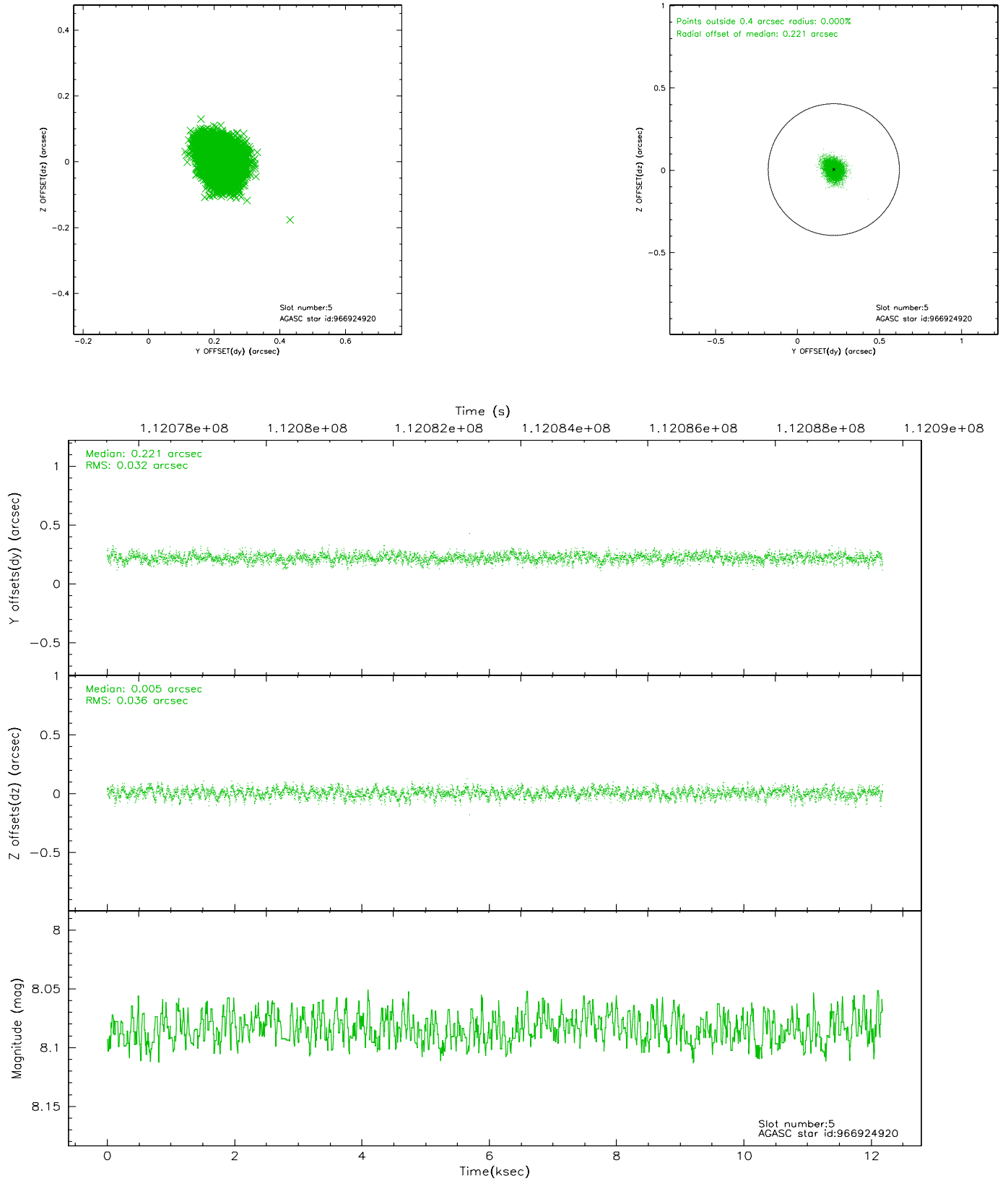
2.4.1 Slot 3



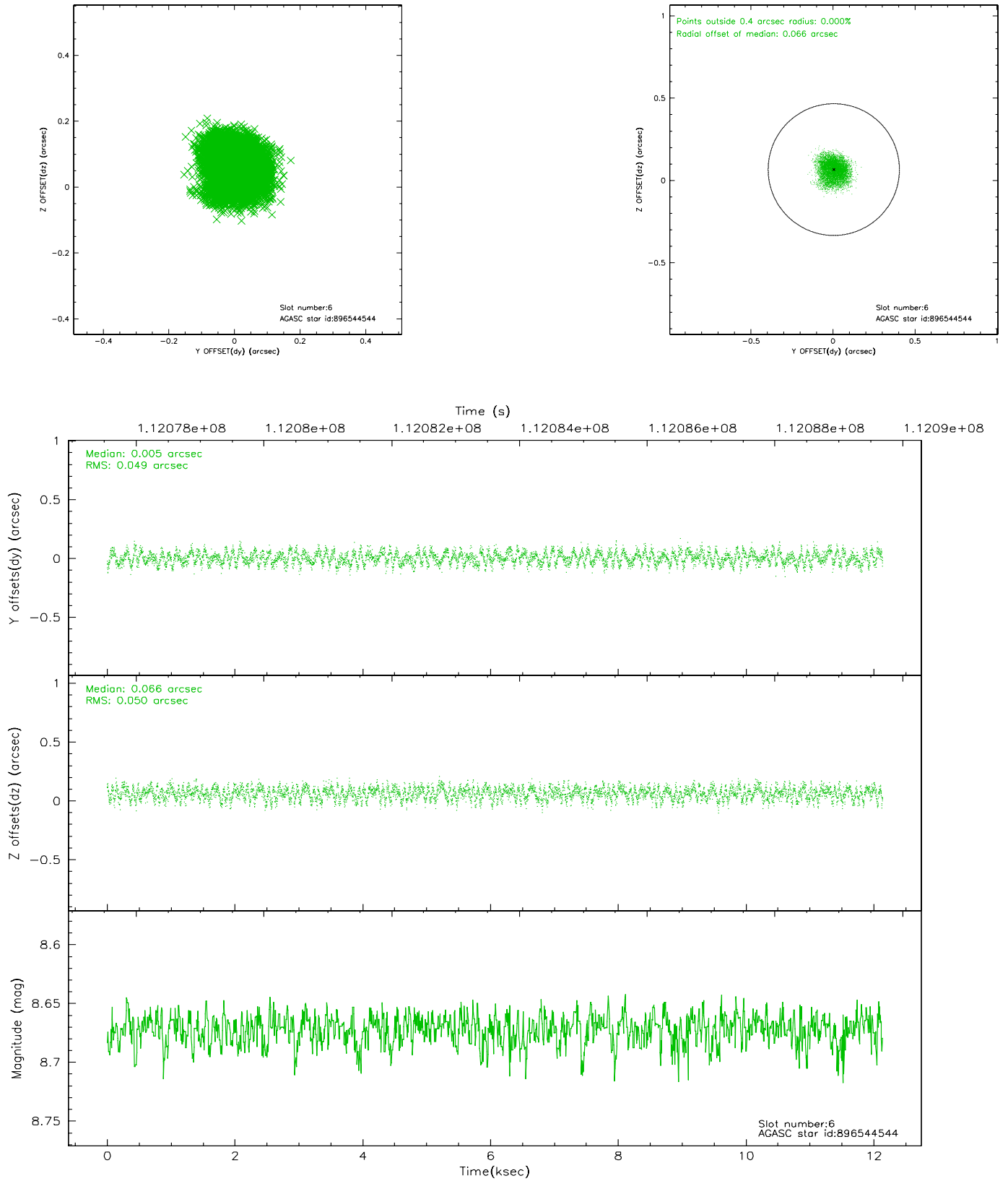
2.4.2 Slot 4



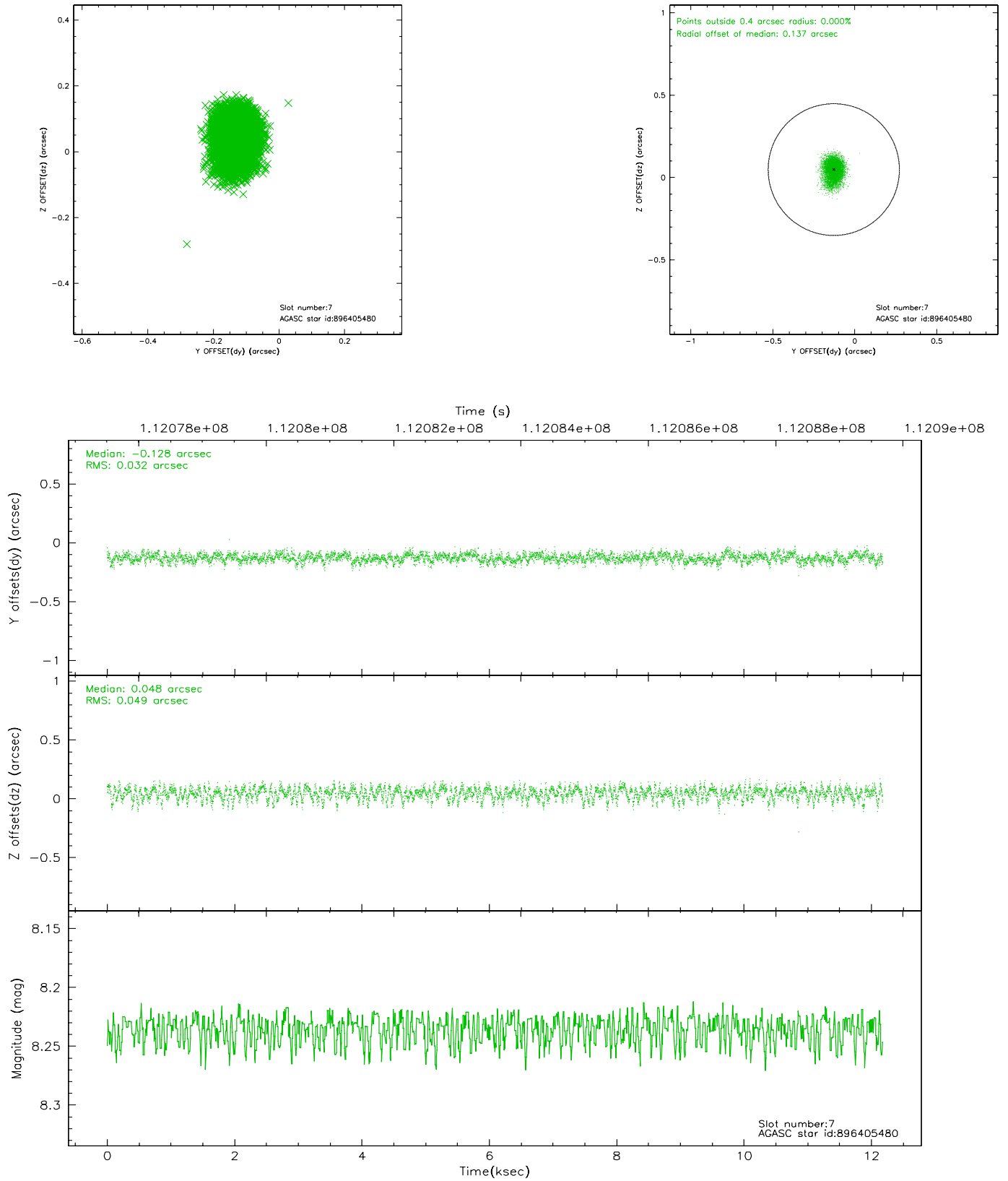
2.4.3 Slot 5



2.4.4 Slot 6

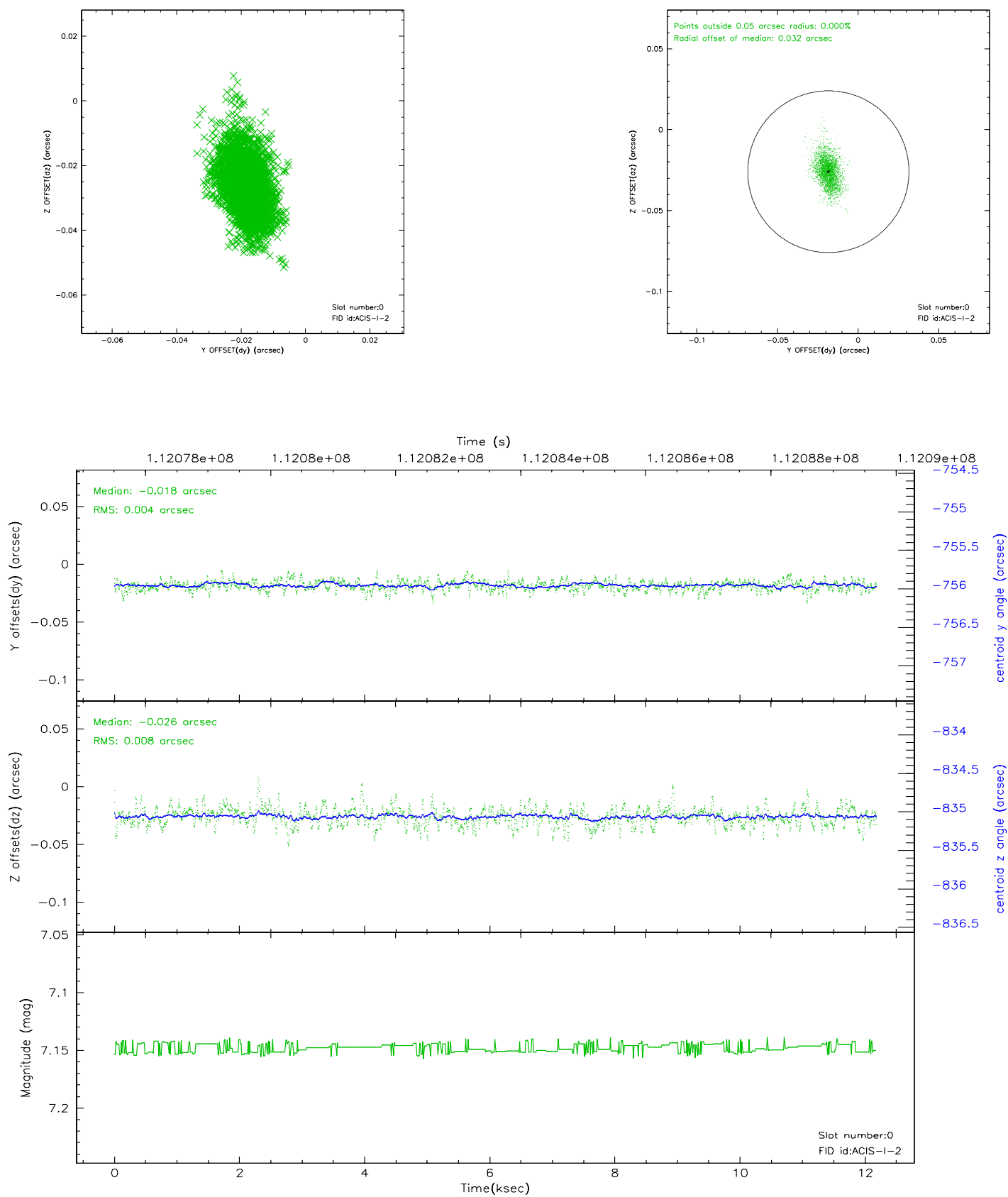


2.4.5 Slot 7

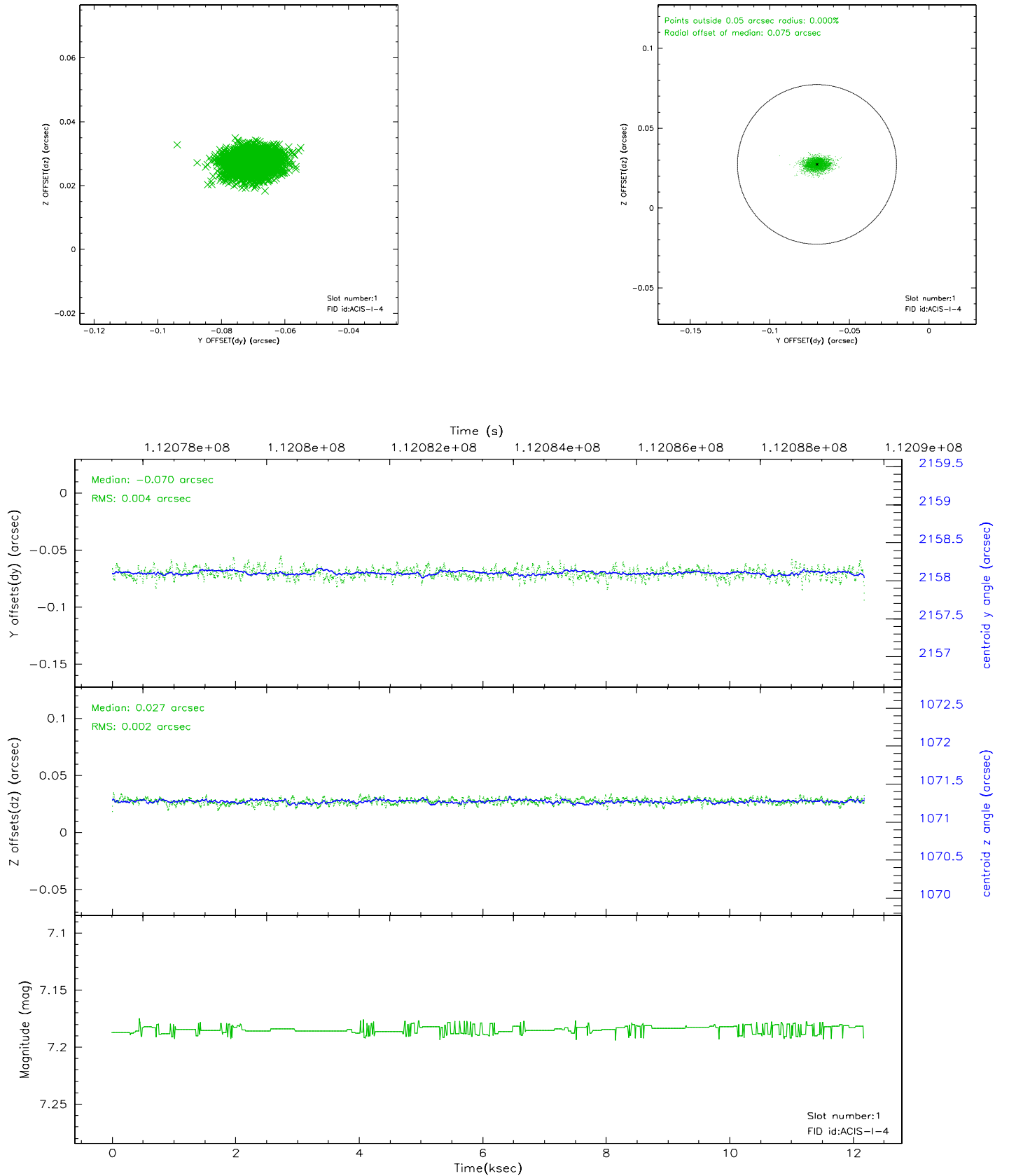


2.5 FID Slots

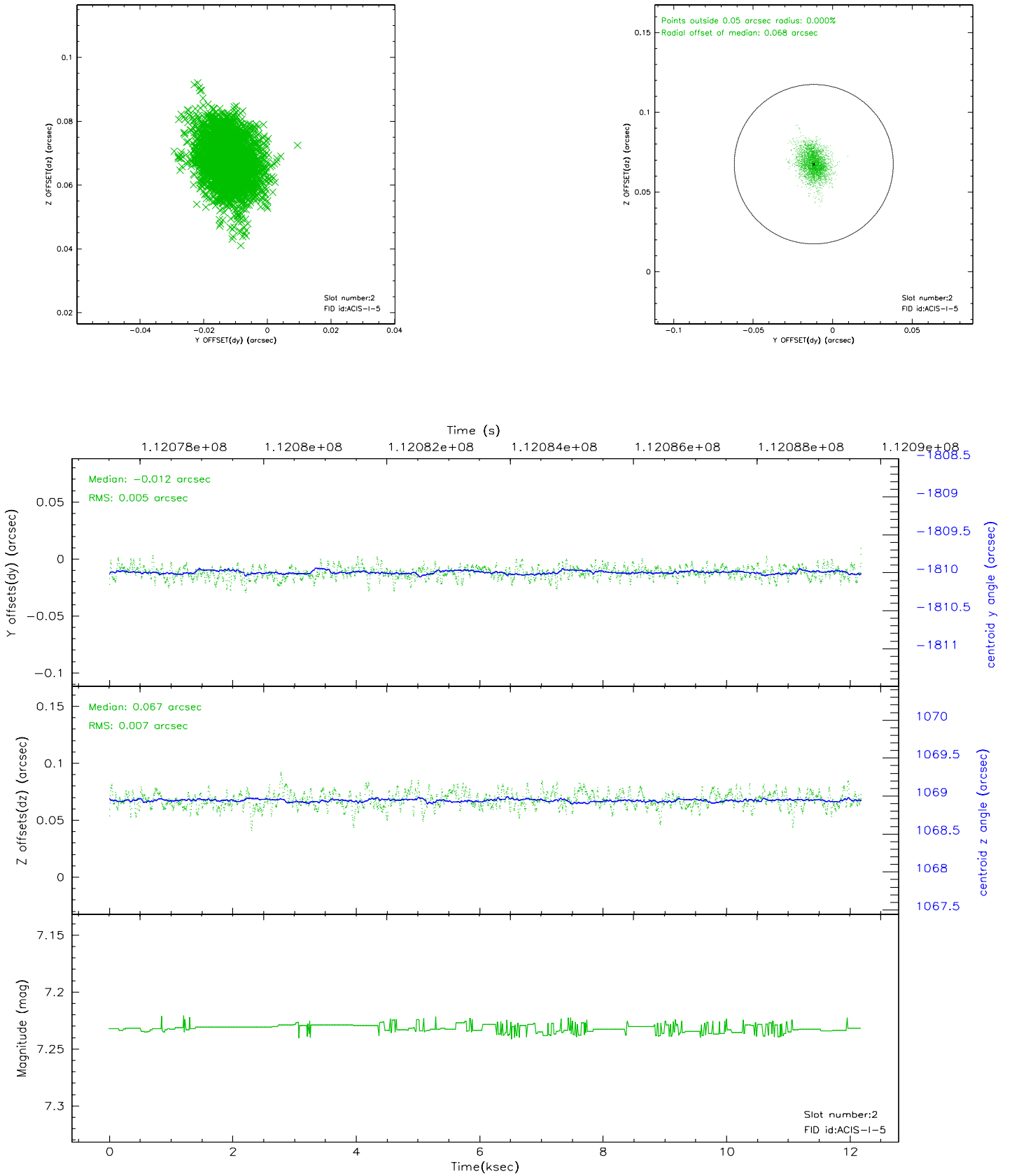
2.5.1 Slot 0



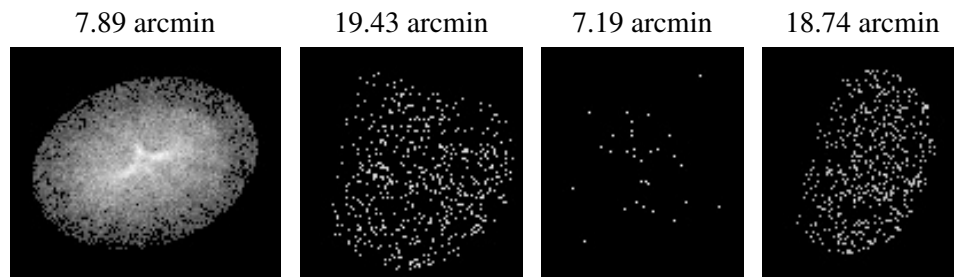
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.763

A.2 Comments

Roll constraint met.