

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5901 - L2 Version 002
Chandra X-Ray Center

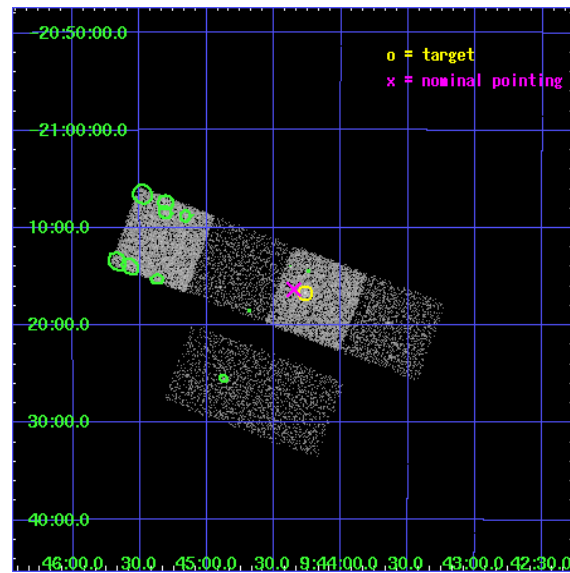
L2 Processing Date: Feb 19 2006

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1 Front

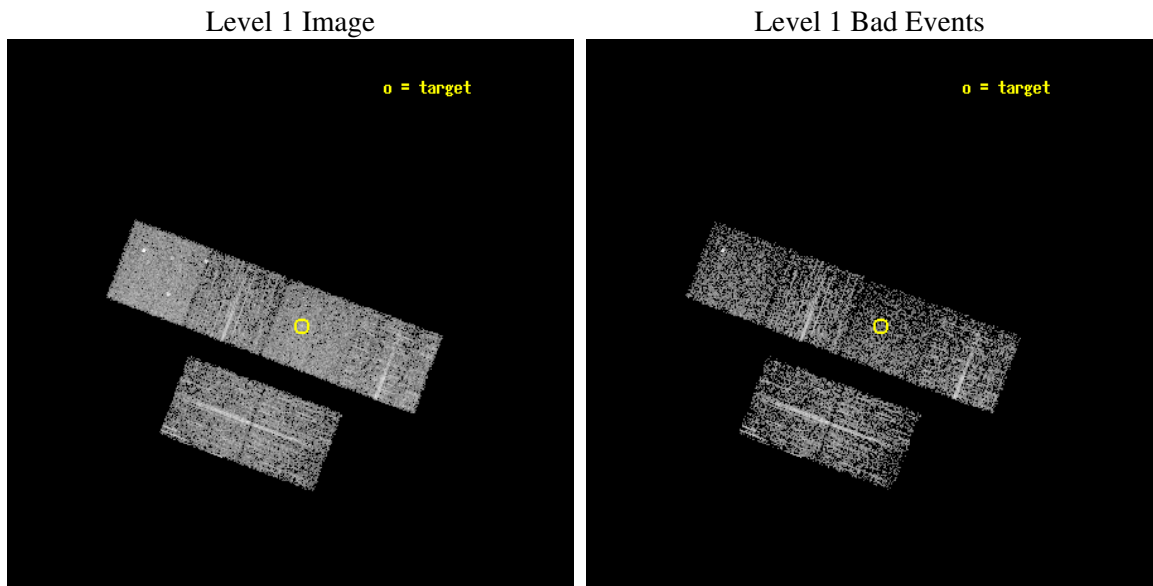
seq_num	600420
obs_id	5901
title	Snapshot Observations of X-ray Bright Early-Type Galaxies
observer	Dr. Steven Murray
object	NGC2986
dtcycle	0
cycle	P
ra_targ	146.066667
dec_targ	-21.278056
ra_nom	146.08788221567
dec_nom	-21.27249101811
roll_nom	20.433906534491
revision	2
ontime	2473.5999907851
livetime	2442.2777782787
ontime2	2473.5999907851
ontime3	2473.5999907851
ontime5	2473.5999907851
ontime6	2473.5999907851
ontime7	2473.5999907851
ontime8	2473.5999907851
l2events	22303



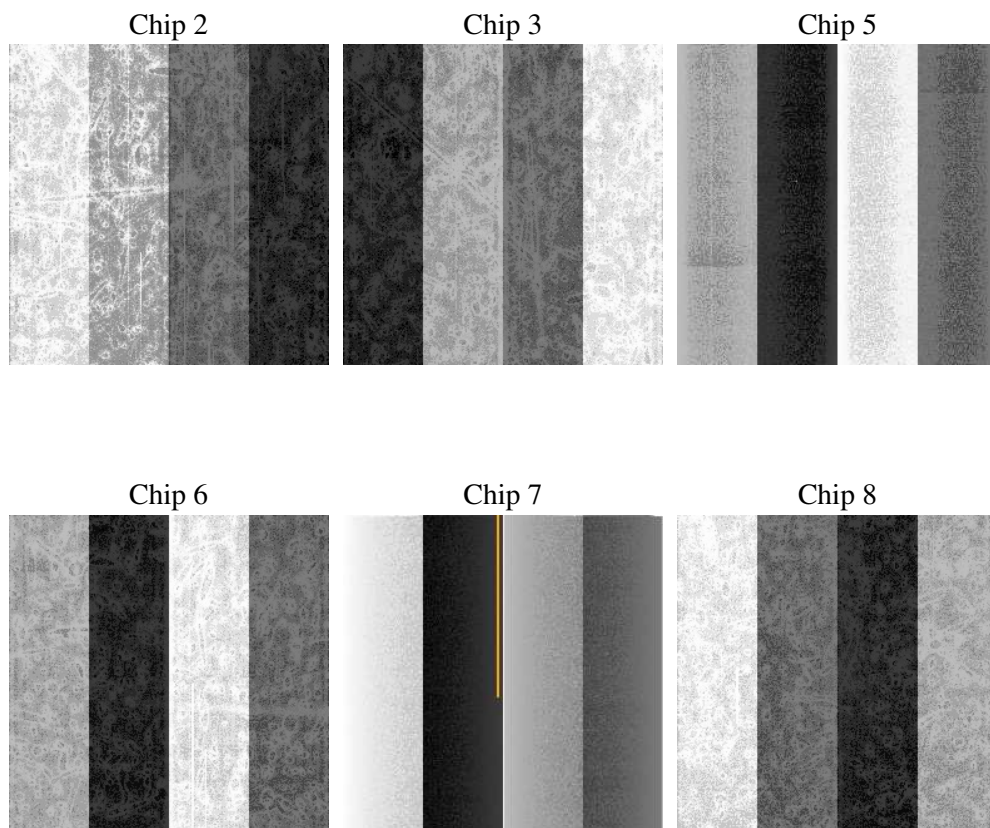
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-19T19:42:48
revision	2

sched_exp_time	2500.000000
ontime	2479.3675822616
ontime2	2479.3675623834
ontime3	2479.3675623834
ontime5	2479.3675822616
ontime6	2479.3675623834
ontime7	2479.3675822616
ontime8	2479.3675822616
l1events	101325

2.1.4 Events

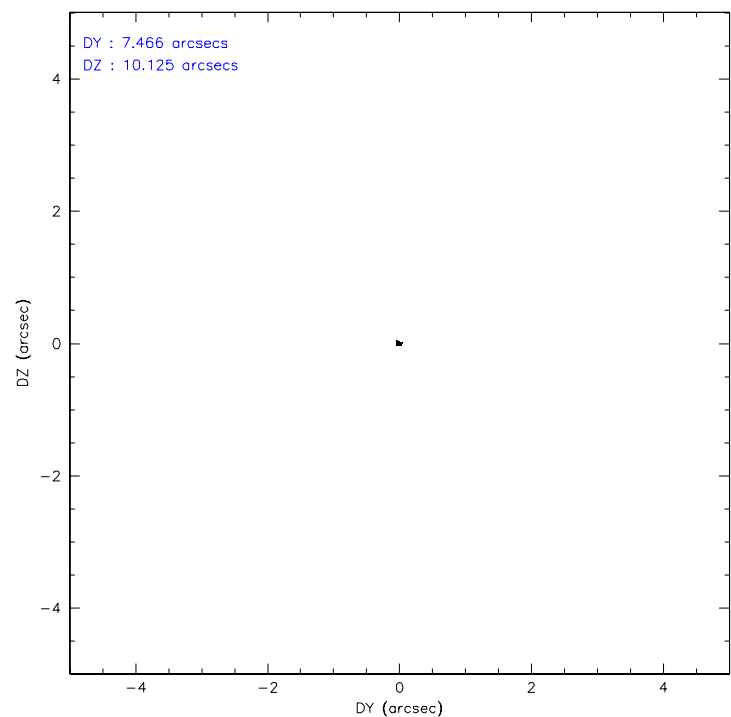
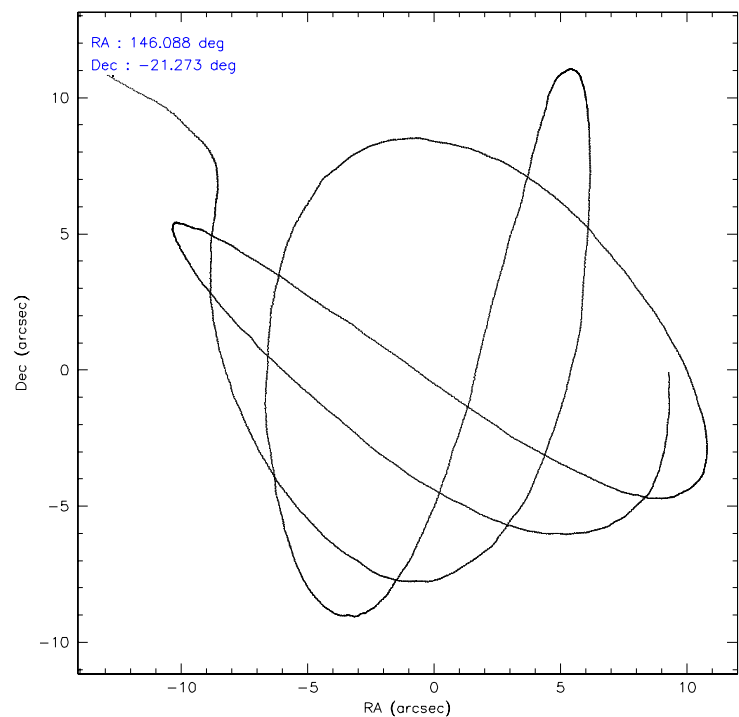
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	15661	14370	20603	15200	17034	18457
rejected events	14122	12932	10774	13532	9299	13992
rejected %	90%	89%	52%	89%	54%	75%

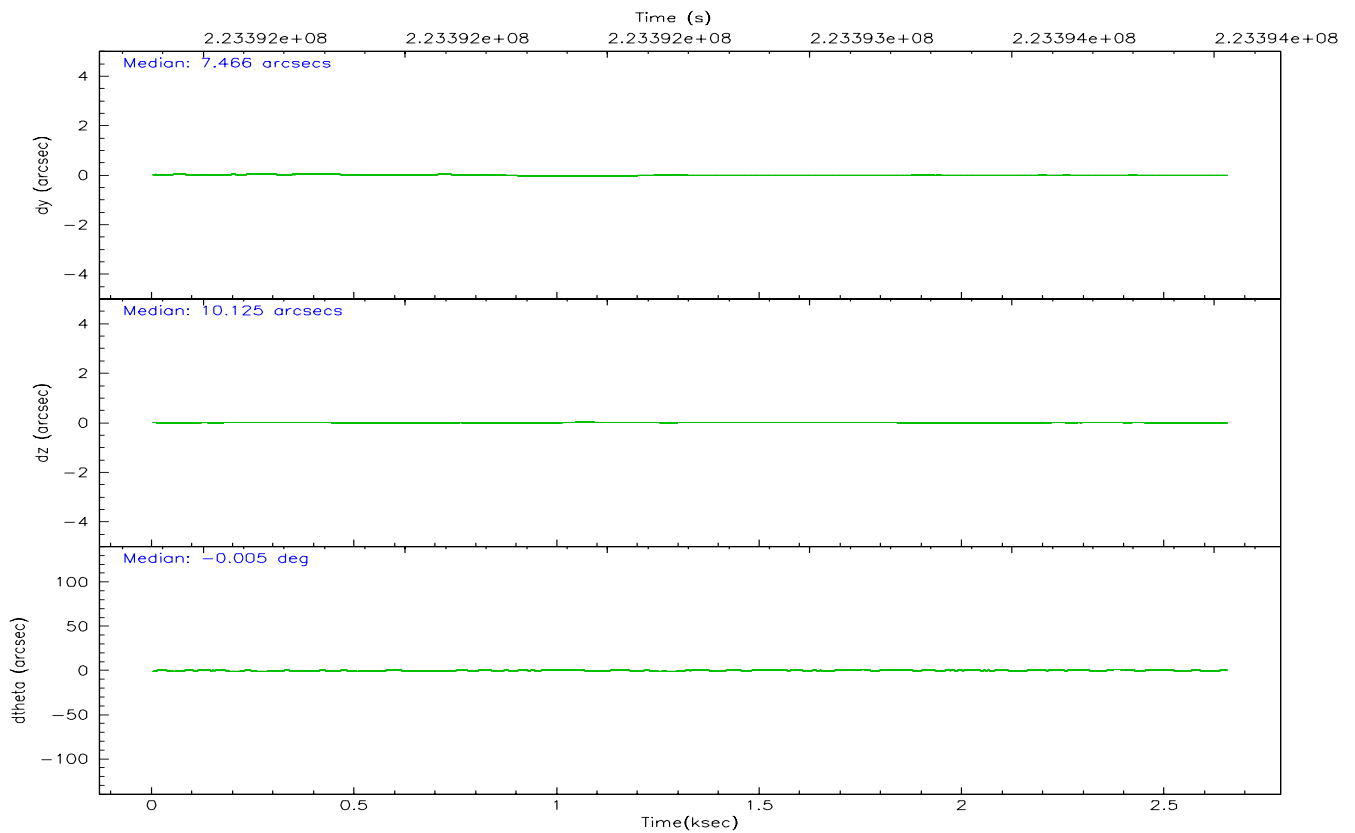
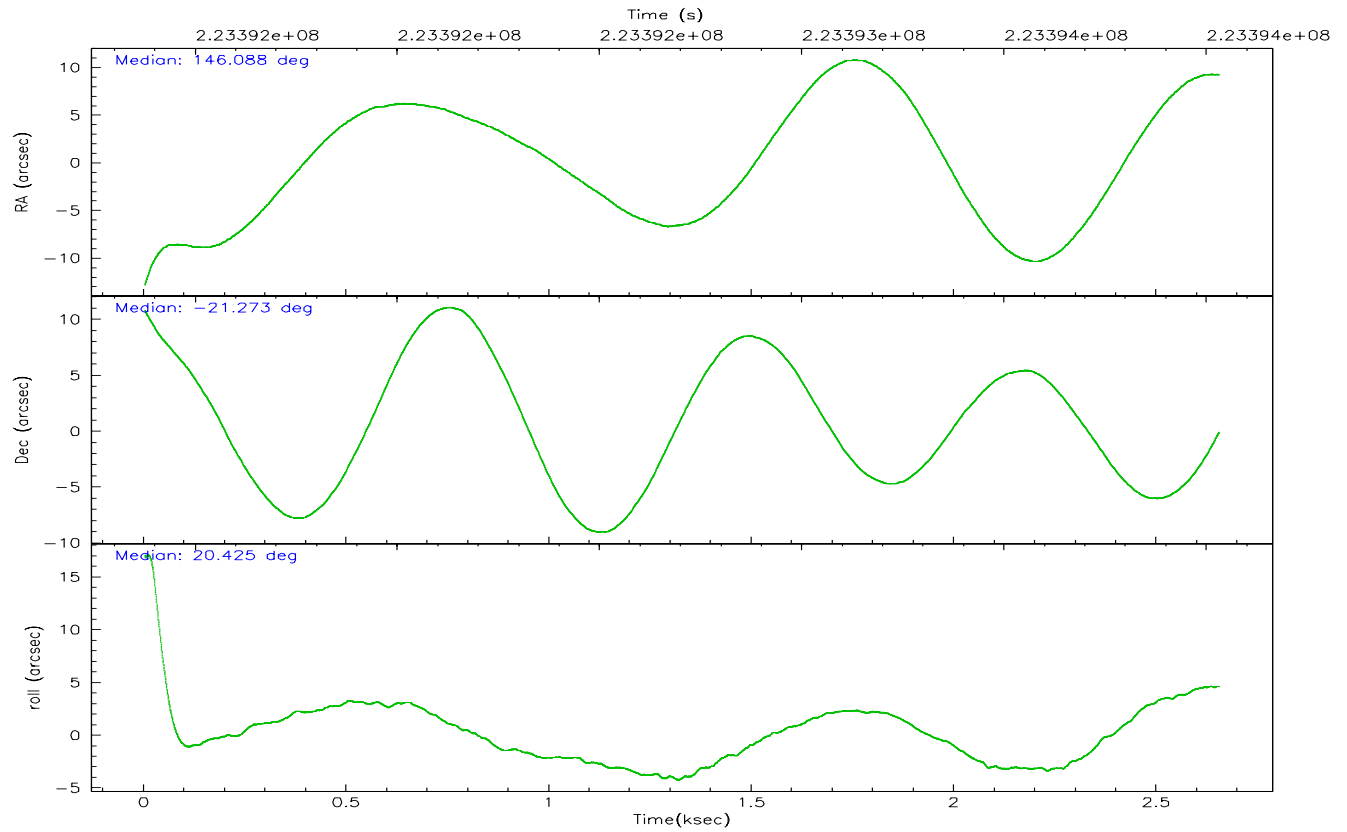
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	554	545	775	624	685	1386
	3%	3%	3%	4%	4%	7%
grade 1 events	7	8	8	8	11	16
	0%	0%	0%	0%	0%	0%
grade 2 events	358	268	3023	341	1921	968
	2%	1%	14%	2%	11%	5%
grade 3 events	155	162	292	181	475	507
	0%	1%	1%	1%	2%	2%
grade 4 events	170	165	215	189	490	476
	1%	1%	1%	1%	2%	2%
grade 5 events	535	582	1267	614	1290	878
	3%	4%	6%	4%	7%	4%
grade 6 events	304	299	5538	336	4168	1131
	1%	2%	26%	2%	24%	6%
grade 7 events	13578	12341	9485	12907	7994	13095
	86%	85%	46%	84%	46%	70%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	146.069811	146.087882215672	Alternating exposures requested	N	N
Pointing Dec	-21.293676	-21.27249101811011	Primary exposure time	0.000000	3.2
Pointing Roll	20.270608	20.43390653449116			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	223391531.184000	223390554.56073			
Observation start date	2005-01-29T13:11:07	2005-01-29T12:55:54			
Observation end time	223394031.184000	223394461.8609			
Observation end date	2005-01-29T13:52:47	2005-01-29T14:01:01			
Read mode	TIMED	TIMED			

2.3 Aspect



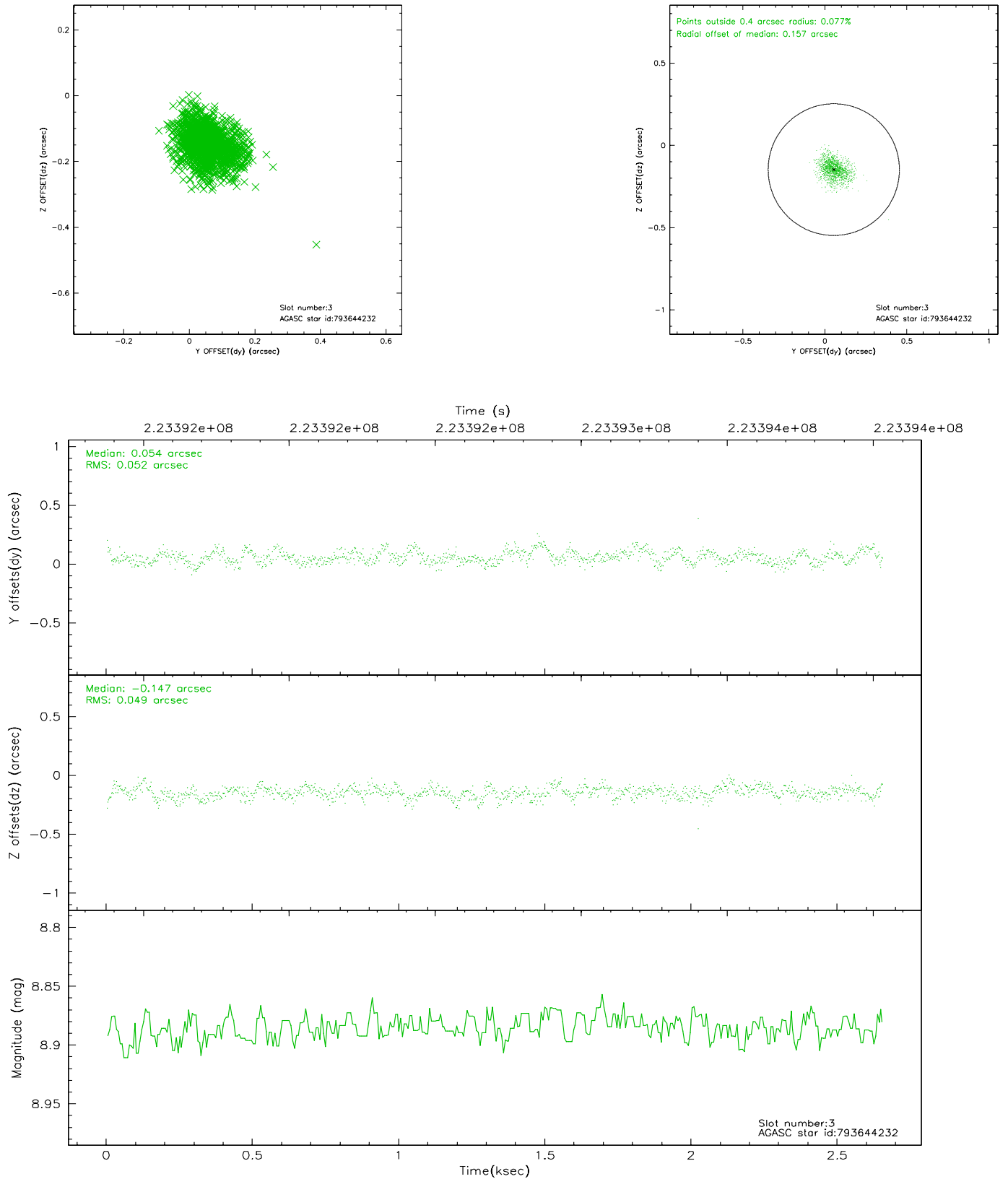


Slot Statistics

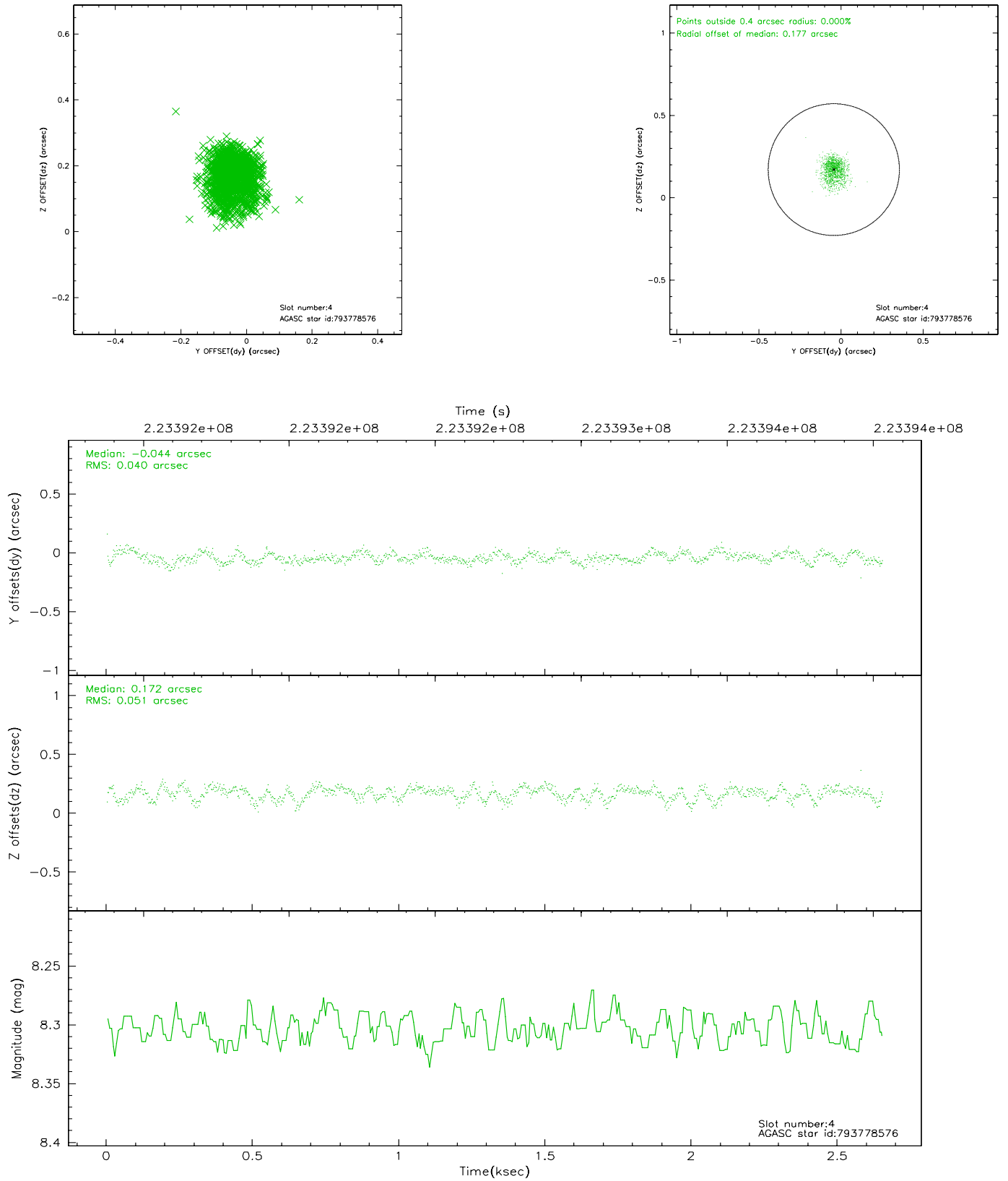
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	647	-0.041	-0.007	0.008	0.012	0.000000	0.000000	-760.23	-1731.40
1	FID	ACIS-S-4	7.20	647	0.070	0.022	0.006	0.011	0.000000	0.000000	2152.01	174.67
2	FID	ACIS-S-5	7.23	648	-0.060	-0.006	0.006	0.011	0.000000	0.000000	-1810.02	170.98
3	GUIDE	793644232	8.89	1295	0.054	-0.147	0.074	0.122	145.501411	-20.919397	-1326.70	1922.73
4	GUIDE	793778576	8.30	1294	-0.044	0.172	0.068	0.114	146.164515	-21.957858	-531.60	-2351.07
5	GUIDE	793779344	8.32	1295	-0.096	-0.096	0.057	0.095	146.313111	-20.672070	1543.47	1813.38
6	GUIDE	793779416	8.24	1295	-0.039	0.126	0.071	0.112	146.782685	-21.700697	1729.59	-2203.78
7	GUIDE	793653224	8.80	1294	0.119	-0.047	0.072	0.119	145.937146	-21.155491	-243.16	619.05

2.4 Star Slots

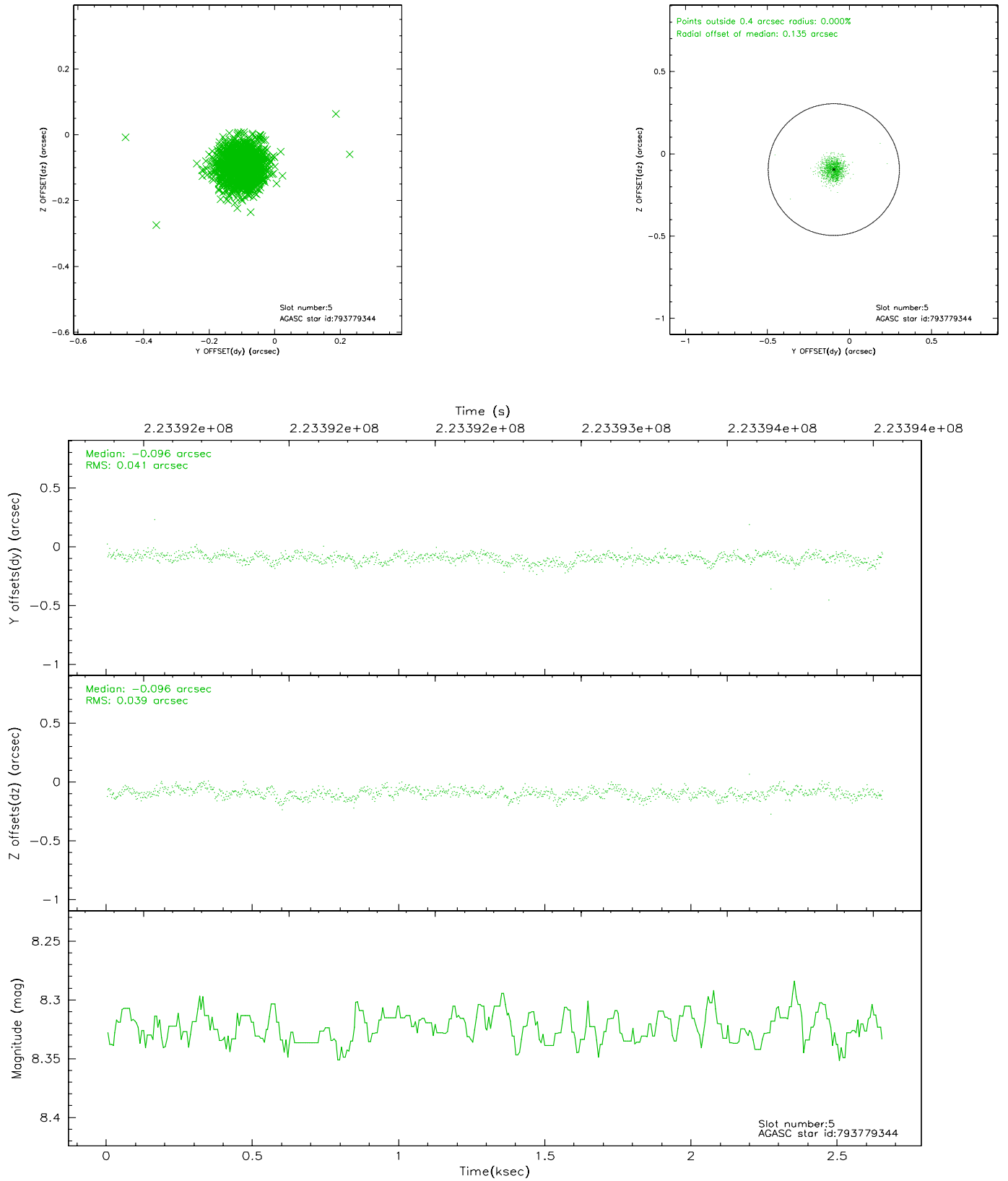
2.4.1 Slot 3



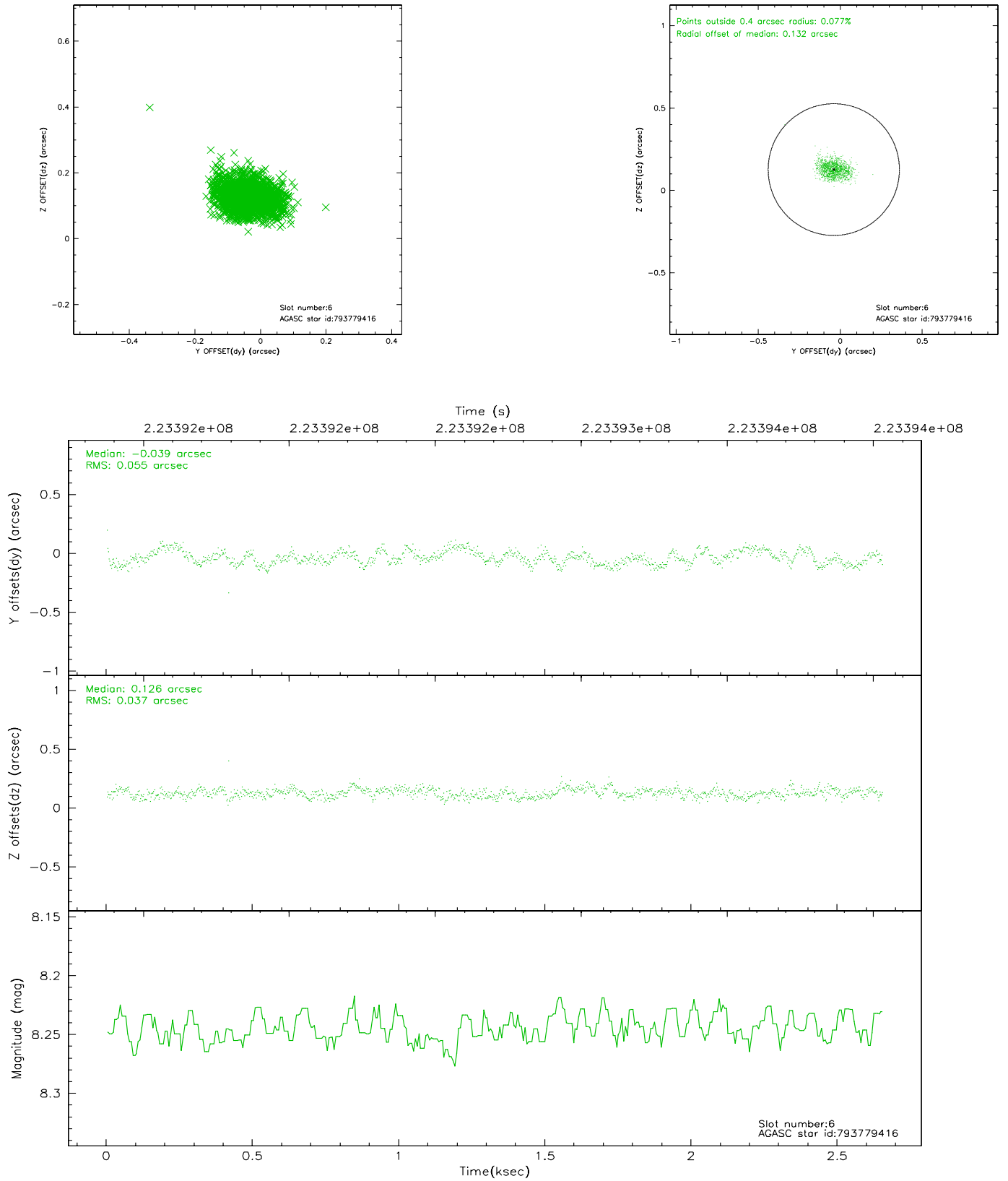
2.4.2 Slot 4



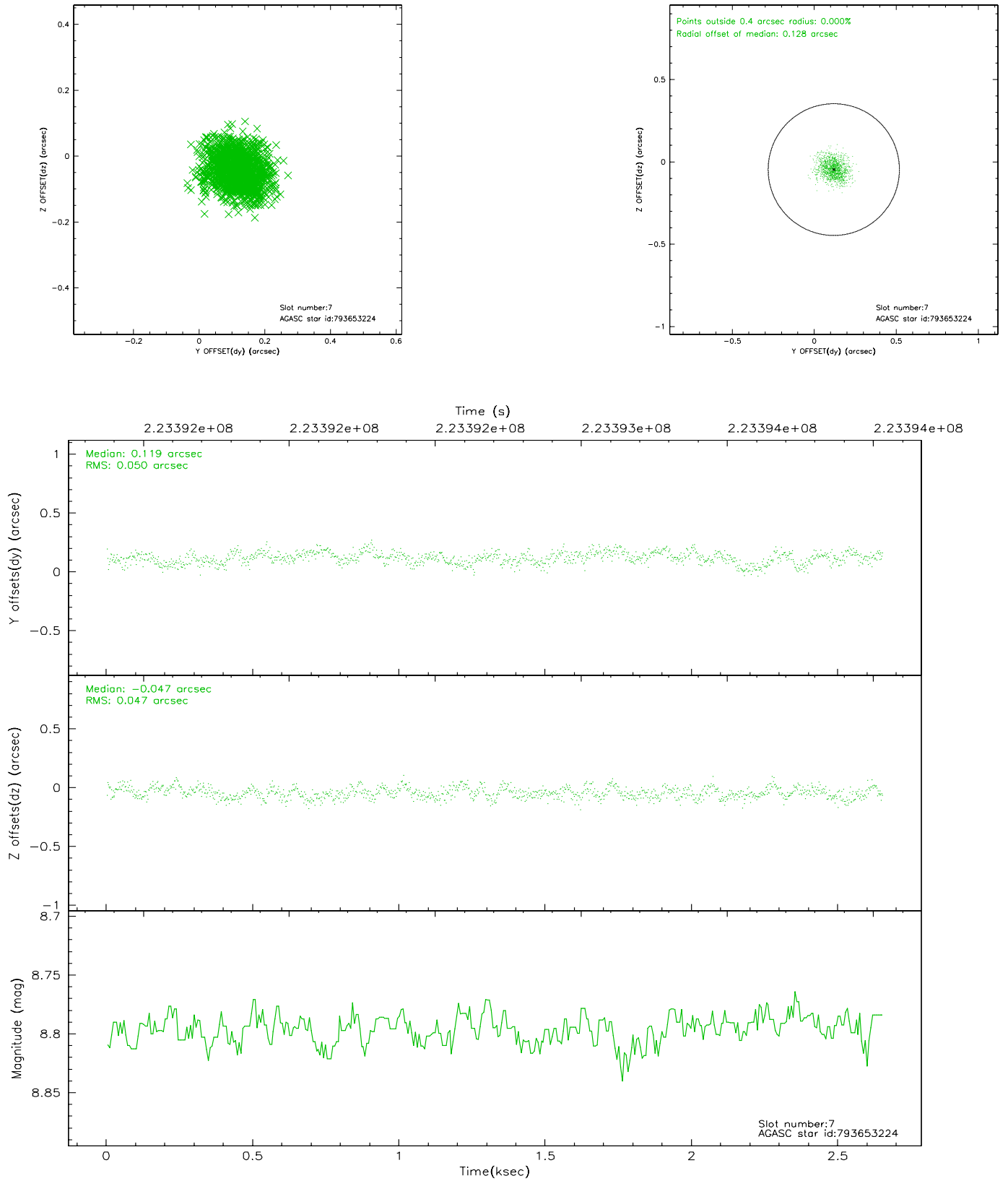
2.4.3 Slot 5



2.4.4 Slot 6

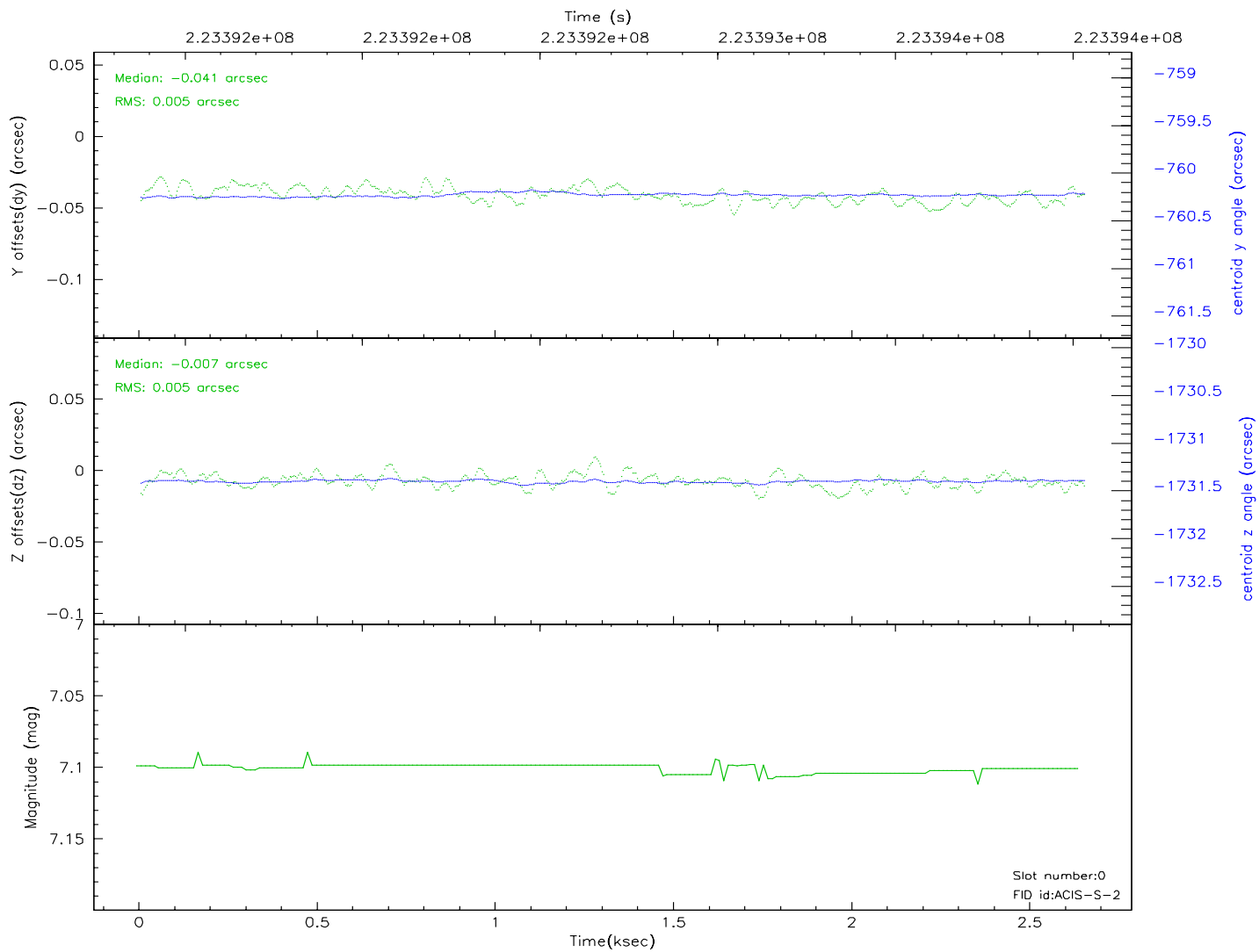
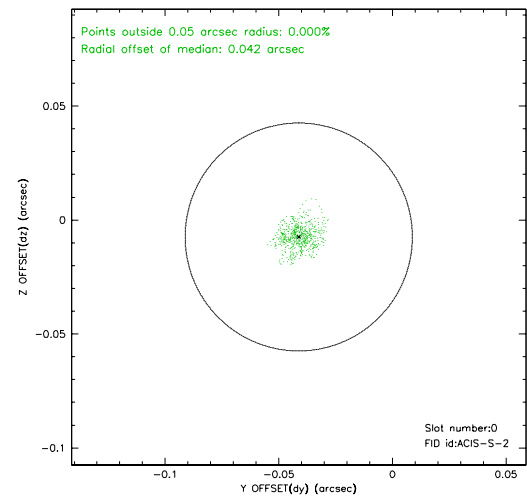
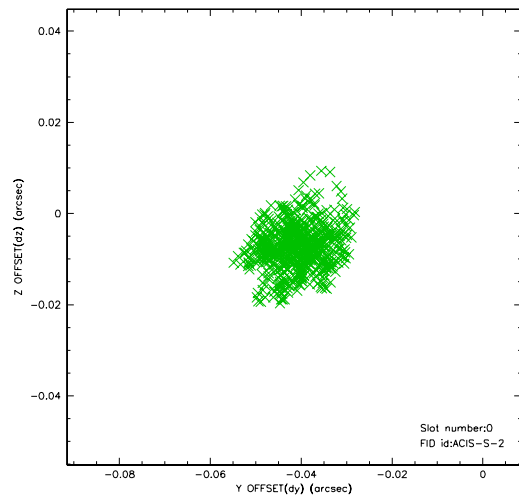


2.4.5 Slot 7

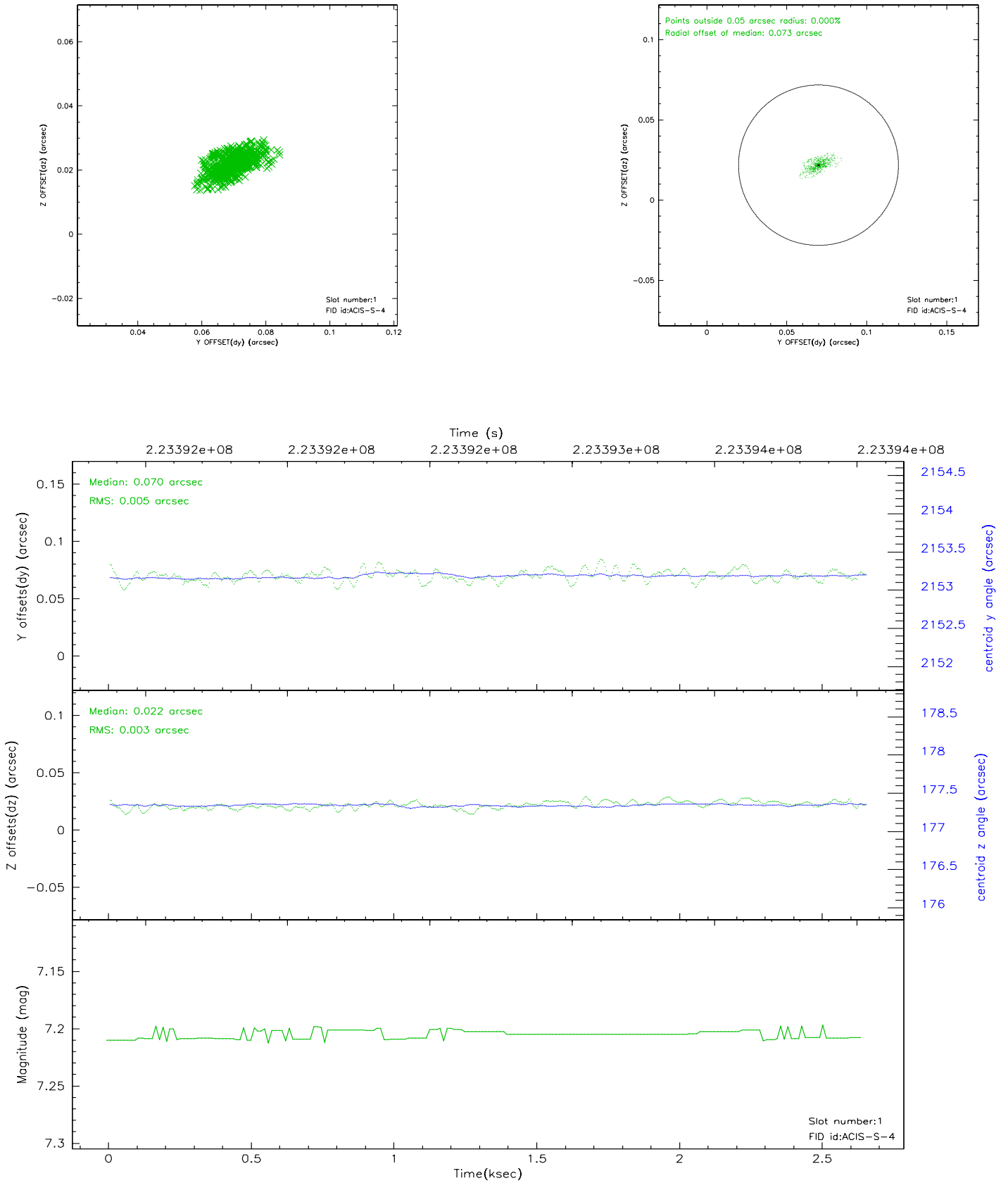


2.5 FID Slots

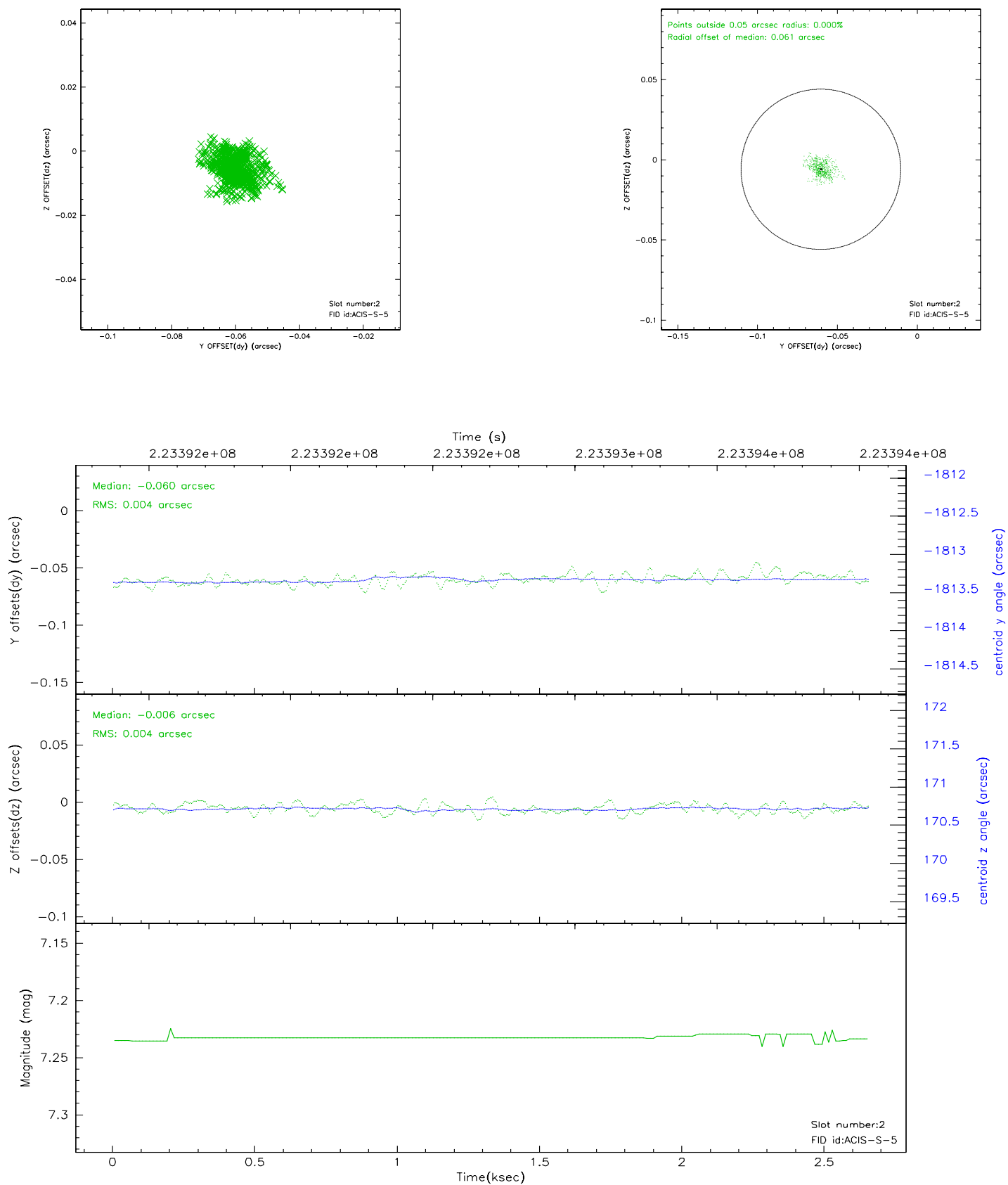
2.5.1 Slot 0



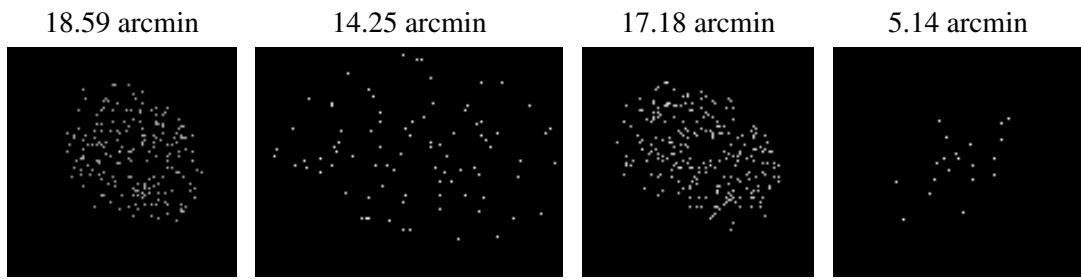
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.473599

A.2 Comments