

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2032 - L2 Version 001
Chandra X-Ray Center

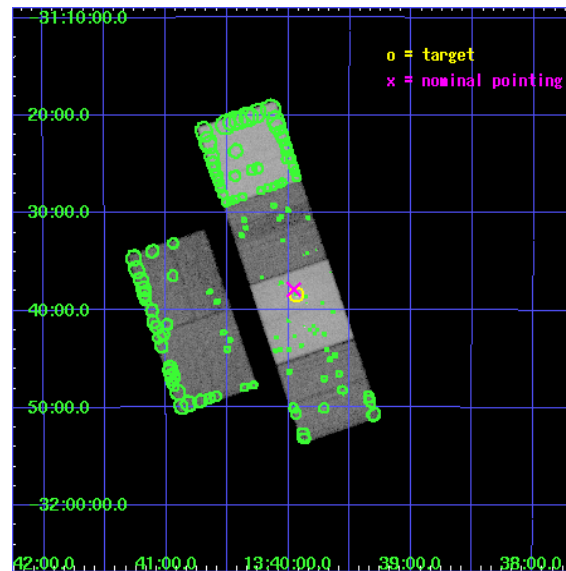
L2 Processing Date : Nov 2 2006

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1 Front

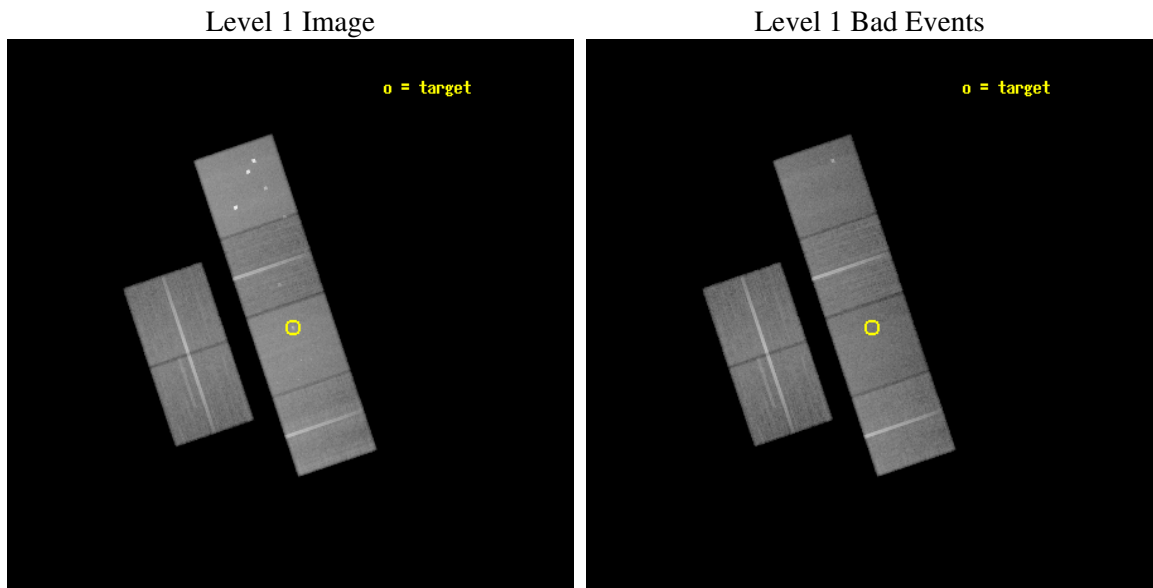
seq_num	600166
obs_id	2032
title	STARBURST-DRIVEN OUTFLOWS AND THE EVOLUTION OF DWARF GALAXIES
observer	Dr. Tim Heckman
object	NGC 5253
dtcycle	0
cycle	P
ra_targ	204.983333
dec_targ	-31.640111
ra_nom	204.98891094091
dec_nom	-31.631522355023
roll_nom	71.38756592643
revision	2
ontime	57353.600053415
livetime	56627.354235347
ontime2	57350.359093159
ontime3	57353.600053415
ontime5	57353.600053415
ontime6	57350.359232783
ontime7	57353.600053415
ontime8	57350.359093174
l2events	615775



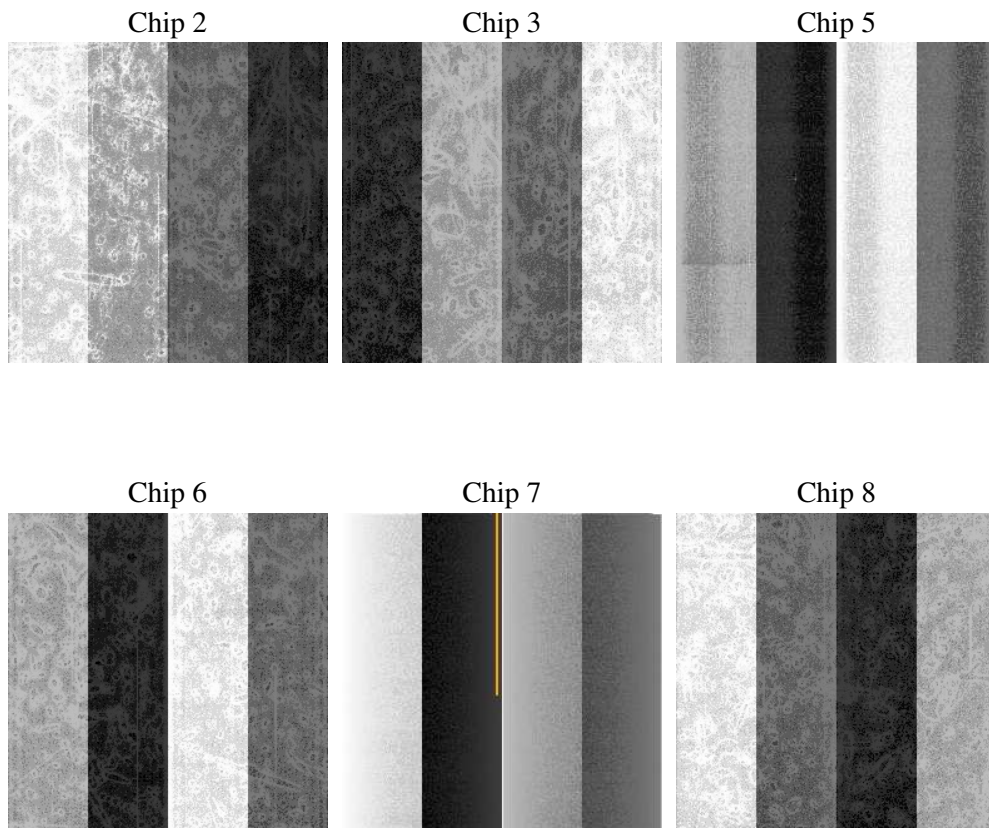
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-11-02T22:15:46
revision	2

sched_exp_time	57600.000000
ontime	57359.173392296
ontime2	57355.932461962
ontime3	57359.173422217
ontime5	57359.173392296
ontime6	57355.932571664
ontime7	57359.173392296
ontime8	57355.932322368
l1events	2563167

2.1.4 Events

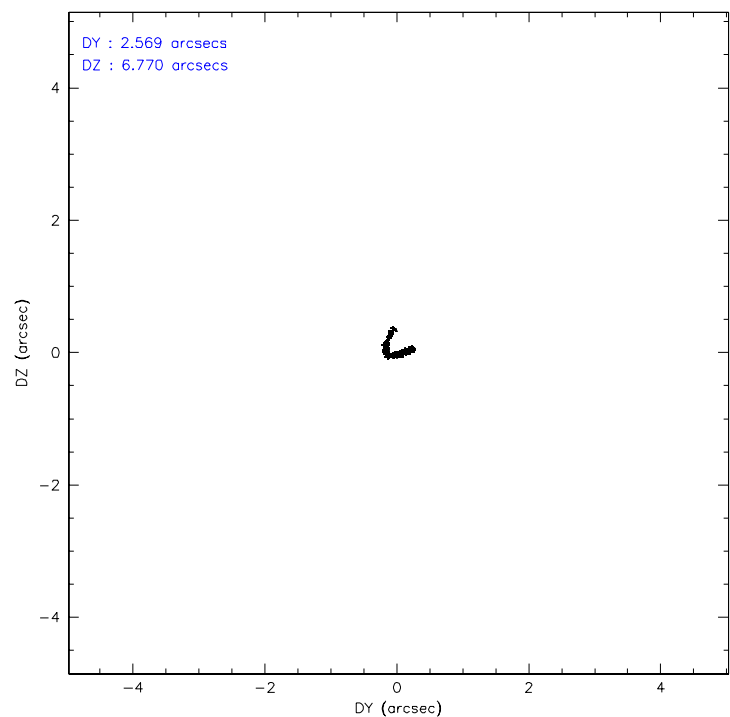
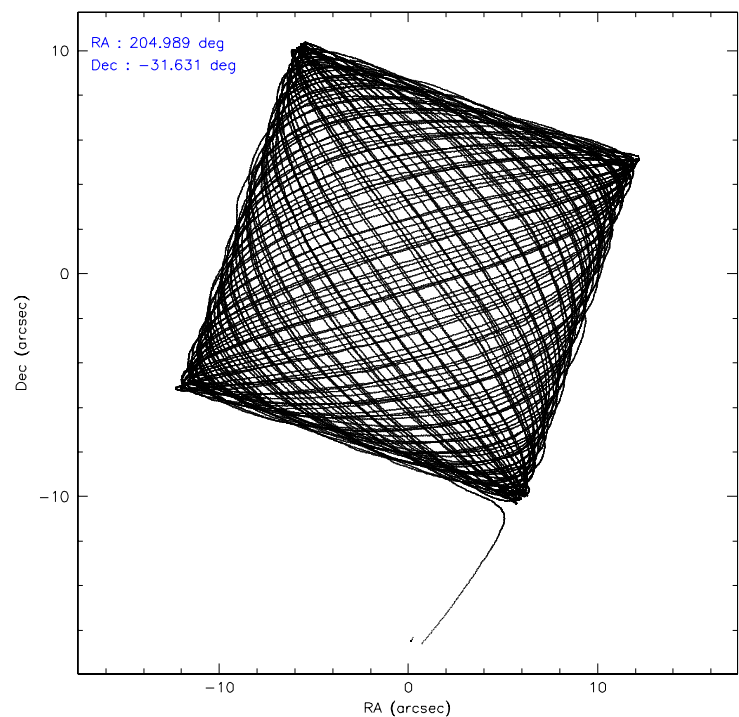
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	362722	348836	545716	369765	478175	457953
rejected events	313701	298766	278383	315033	273850	350855
rejected %	86%	85%	51%	85%	57%	76%

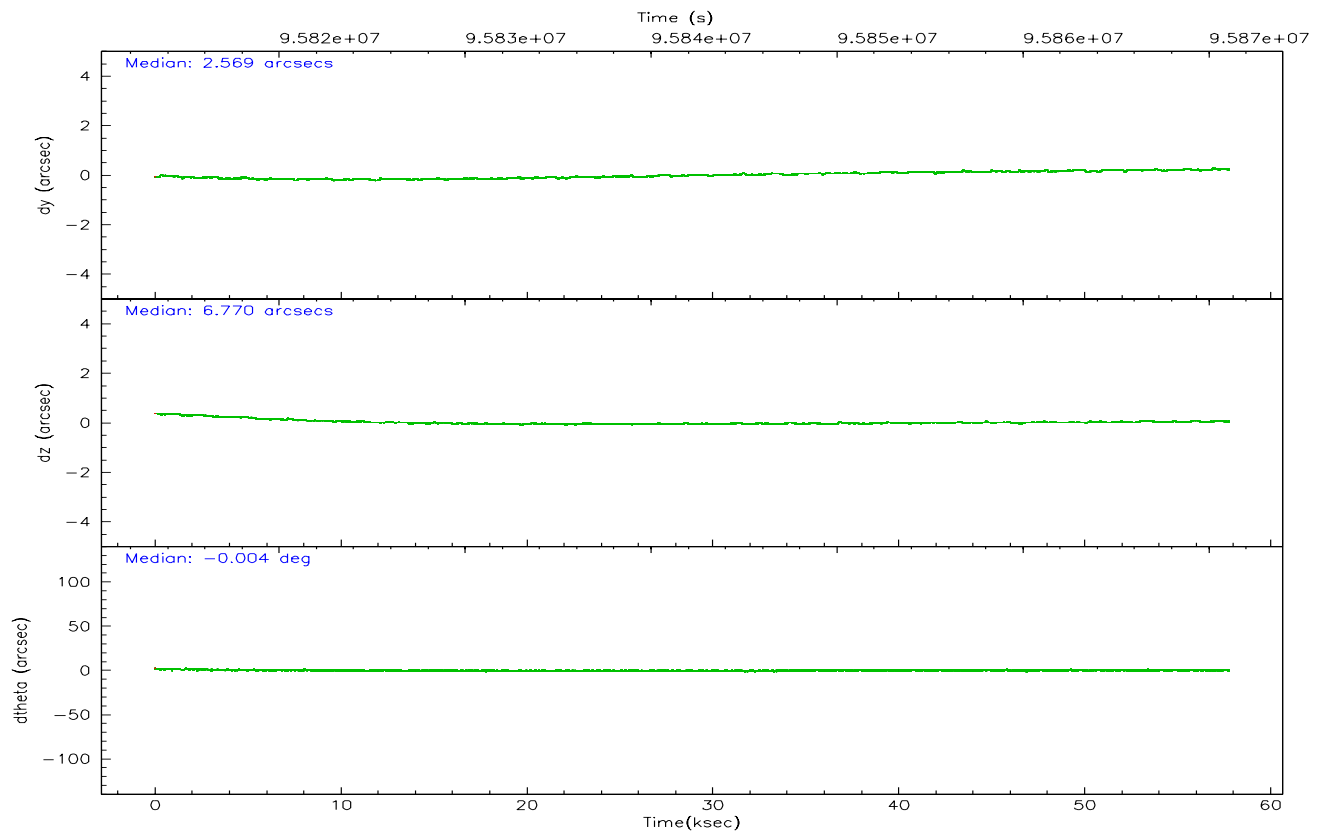
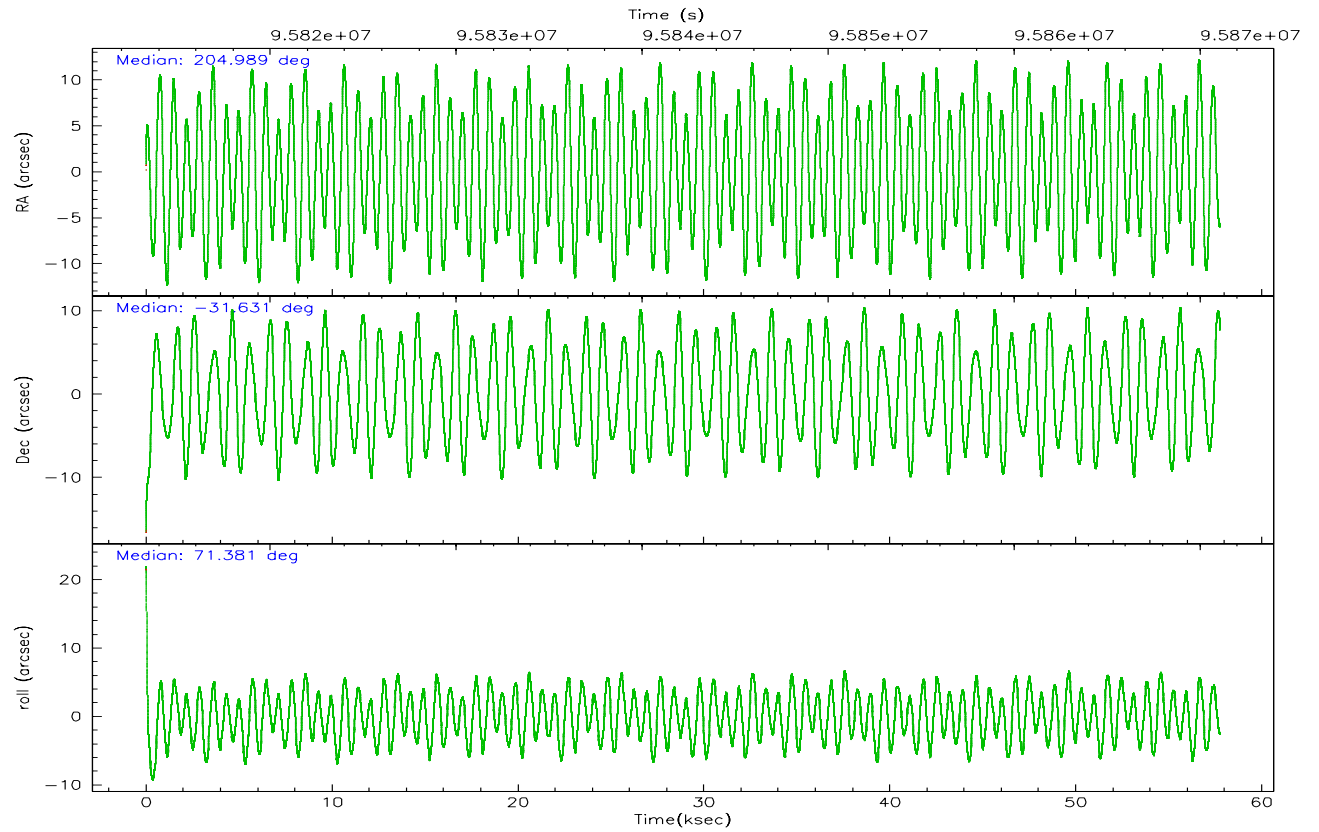
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	22270	22260	41716	25346	16473	39822
	6%	6%	7%	6%	3%	8%
grade 1 events	173	167	423	167	261	310
	0%	0%	0%	0%	0%	0%
grade 2 events	10886	11592	80689	11756	48367	23084
	3%	3%	14%	3%	10%	5%
grade 3 events	3784	3972	6490	4147	11842	10547
	1%	1%	1%	1%	2%	2%
grade 4 events	3746	3981	6258	4225	11394	10044
	1%	1%	1%	1%	2%	2%
grade 5 events	11885	13190	24233	14590	30234	18193
	3%	3%	4%	3%	6%	3%
grade 6 events	8344	8272	132206	9265	116273	23606
	2%	2%	24%	2%	24%	5%
grade 7 events	301634	285402	253701	300269	243331	332347
	83%	81%	46%	81%	50%	72%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	204.995530	204.9889109409077	Subarray requested	NONE	NONE
Pointing Dec	-31.658255	-31.63152235502255	Alternating exposures requested	N	N
Pointing Roll	71.234402	71.38756592643011	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	95813495.184000	95812634.256657			
Observation start date	2001-01-13T22:50:31	2001-01-13T22:37:14			
Observation end time	95871095.184000	95871720.38392501			
Observation end date	2001-01-14T14:50:31	2001-01-14T15:02:00			
Read mode	TIMED	TIMED			

2.3 Aspect



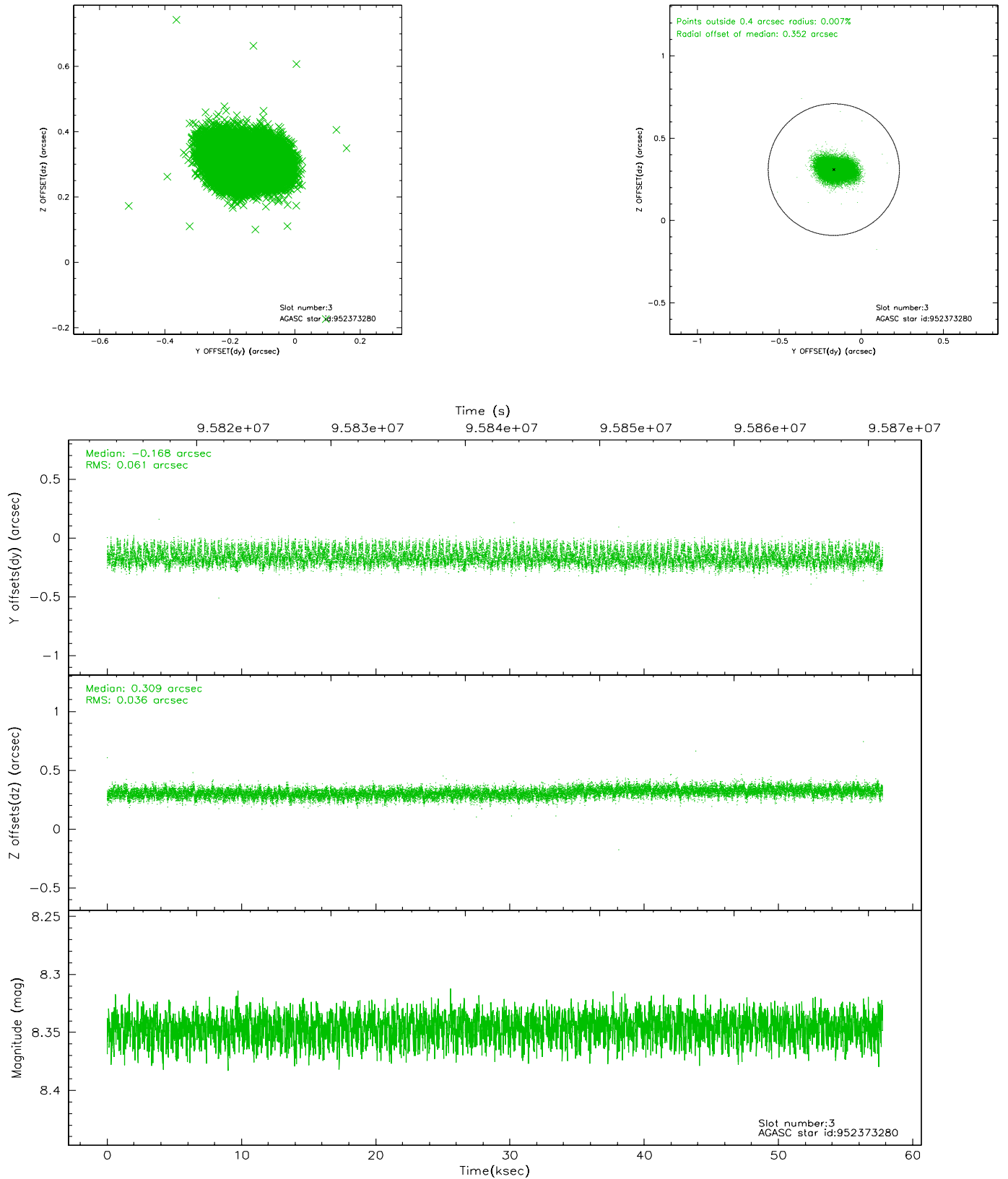


Slot Statistics

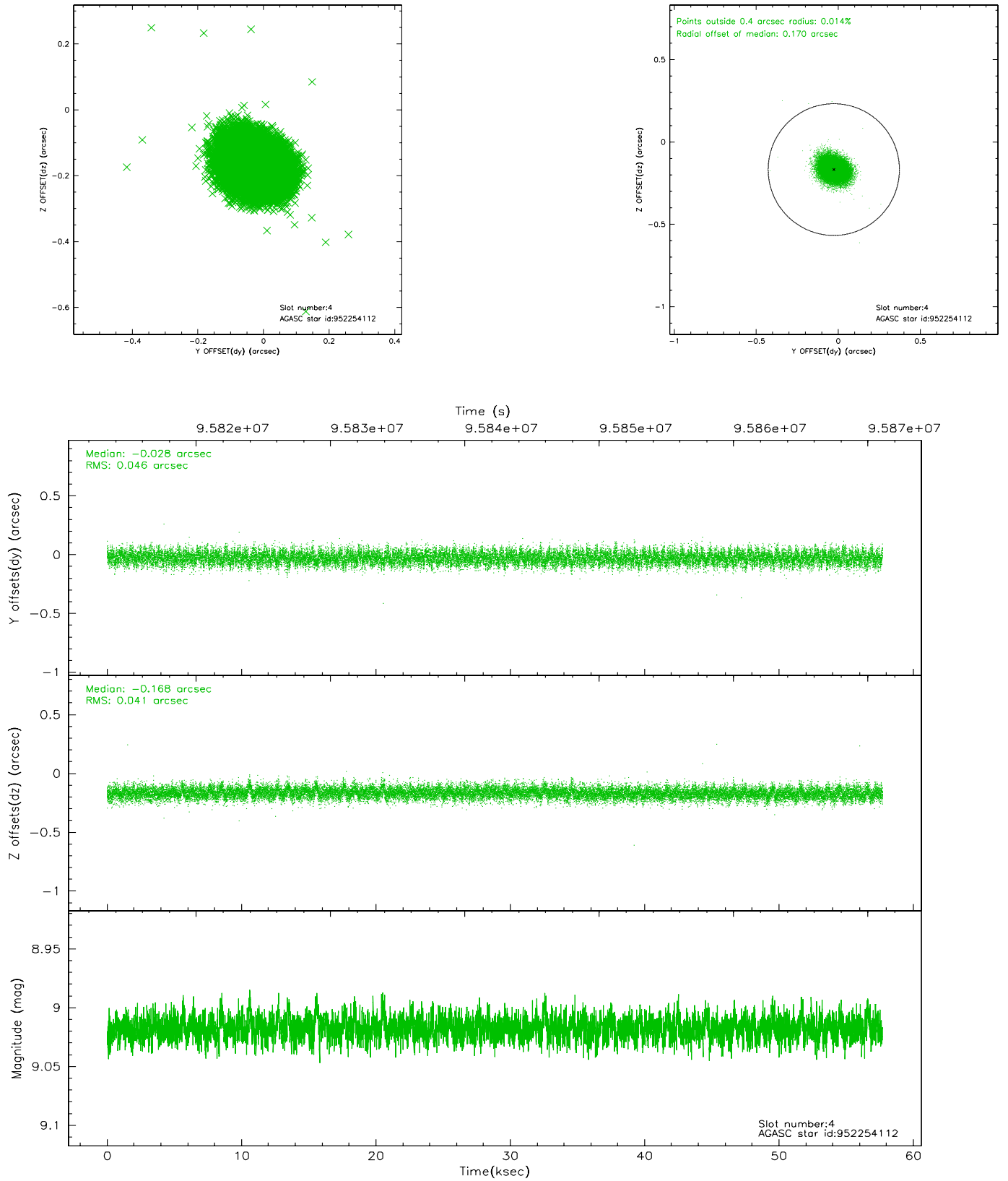
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	14093	-0.005	0.033	0.014	0.022	0.000000	0.000000	-755.21	-1727.87
1	FID	ACIS-S-4	7.20	14091	-0.072	-0.006	0.017	0.025	0.000000	0.000000	2158.01	180.61
2	FID	ACIS-S-5	7.24	14091	0.048	-0.019	0.010	0.016	0.000000	0.000000	-1808.05	174.22
3	GUIDE	952373280	8.35	28179	-0.168	0.309	0.076	0.124	205.874211	-31.484876	1448.70	-2356.86
4	GUIDE	952254112	9.02	28143	-0.028	-0.168	0.065	0.106	204.693601	-31.394282	600.02	1183.15
5	GUIDE	952380392	8.81	28169	-0.114	0.165	0.053	0.086	205.178190	-31.330659	1296.86	-152.70
6	GUIDE	952369912	9.19	28176	-0.024	-0.091	0.065	0.107	204.955424	-31.279184	1252.39	555.42
7	GUIDE	952764760	9.42	28172	0.331	-0.219	0.101	0.161	204.281953	-32.031645	-1979.93	1626.46

2.4 Star Slots

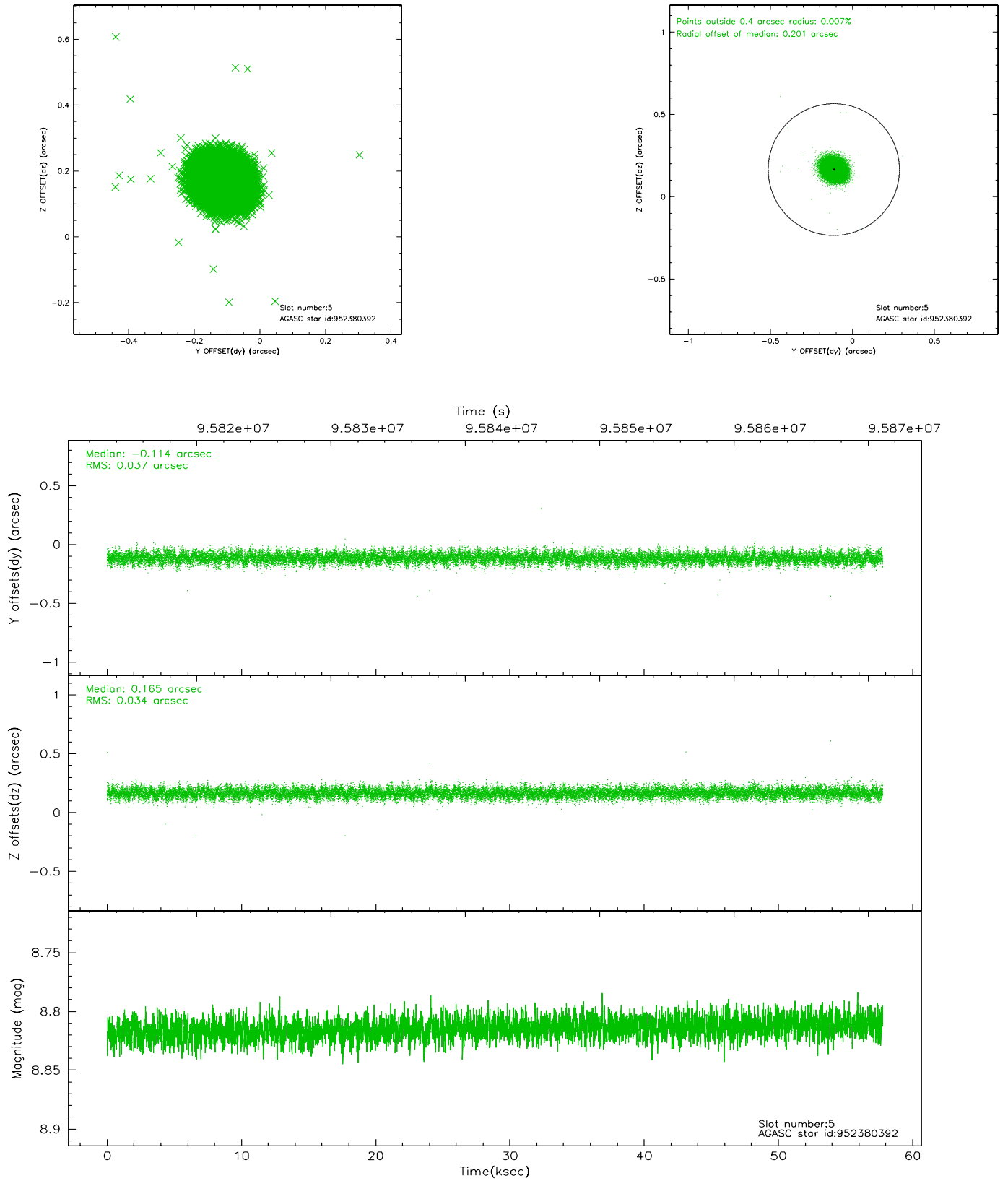
2.4.1 Slot 3



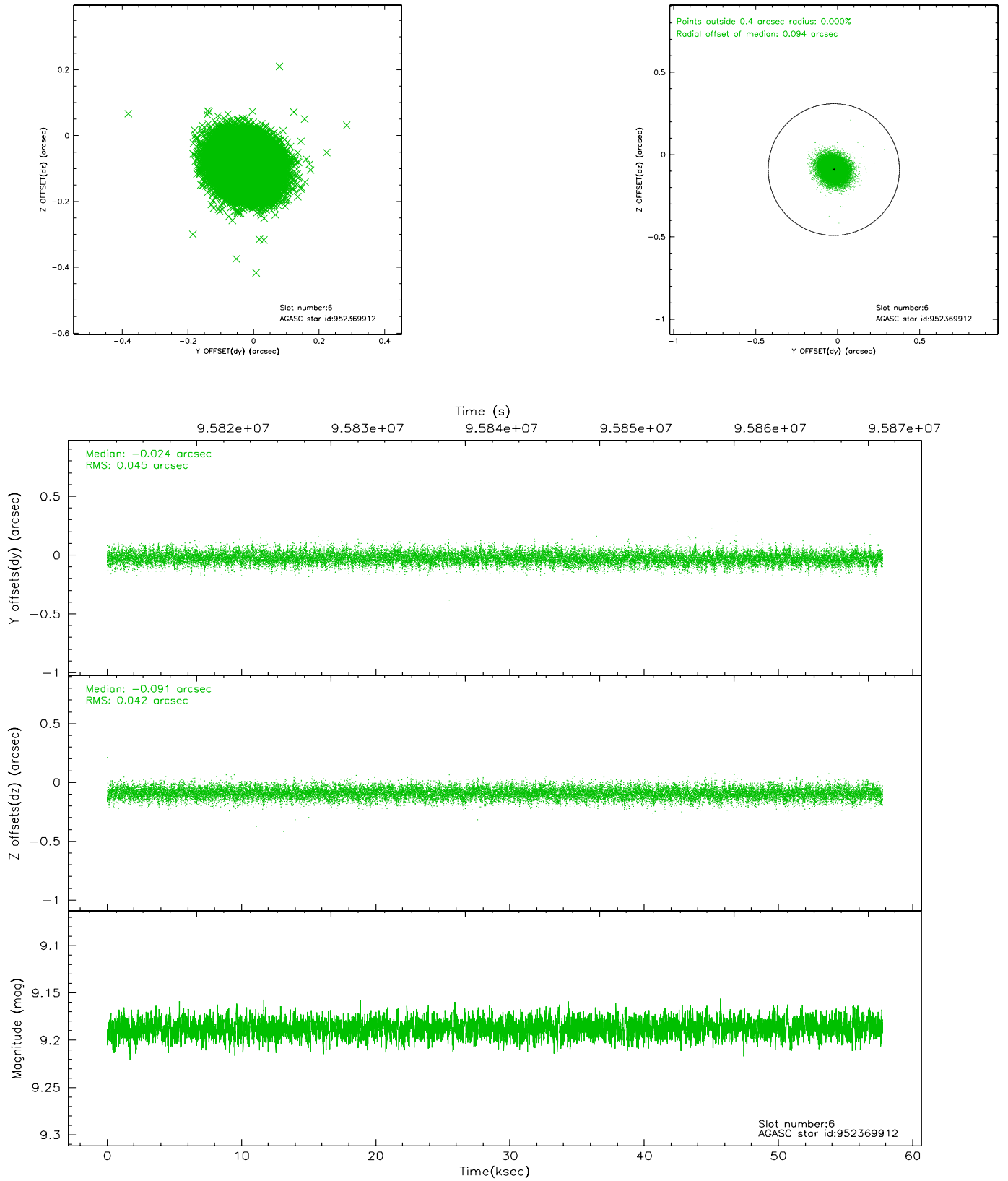
2.4.2 Slot 4



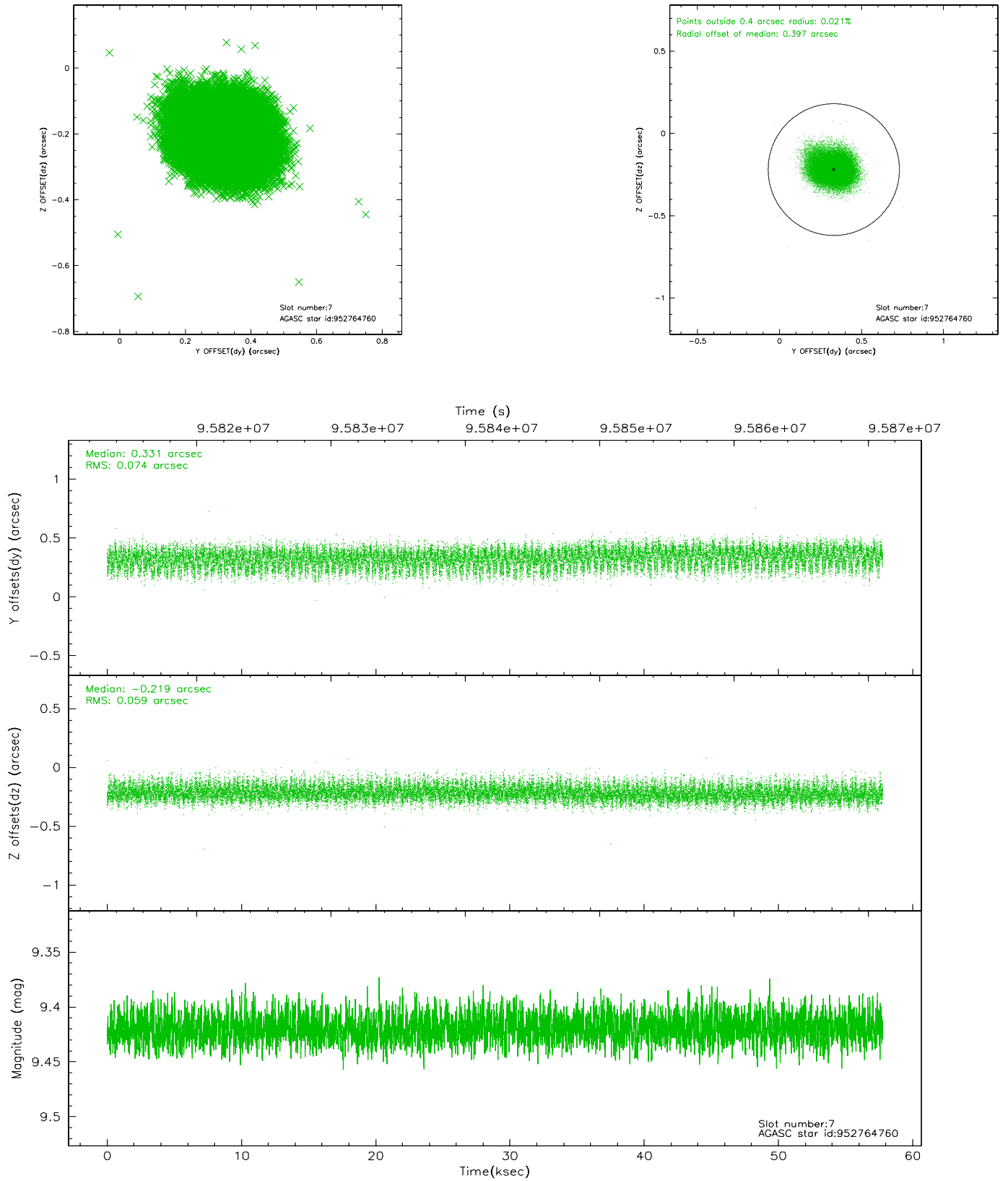
2.4.3 Slot 5



2.4.4 Slot 6

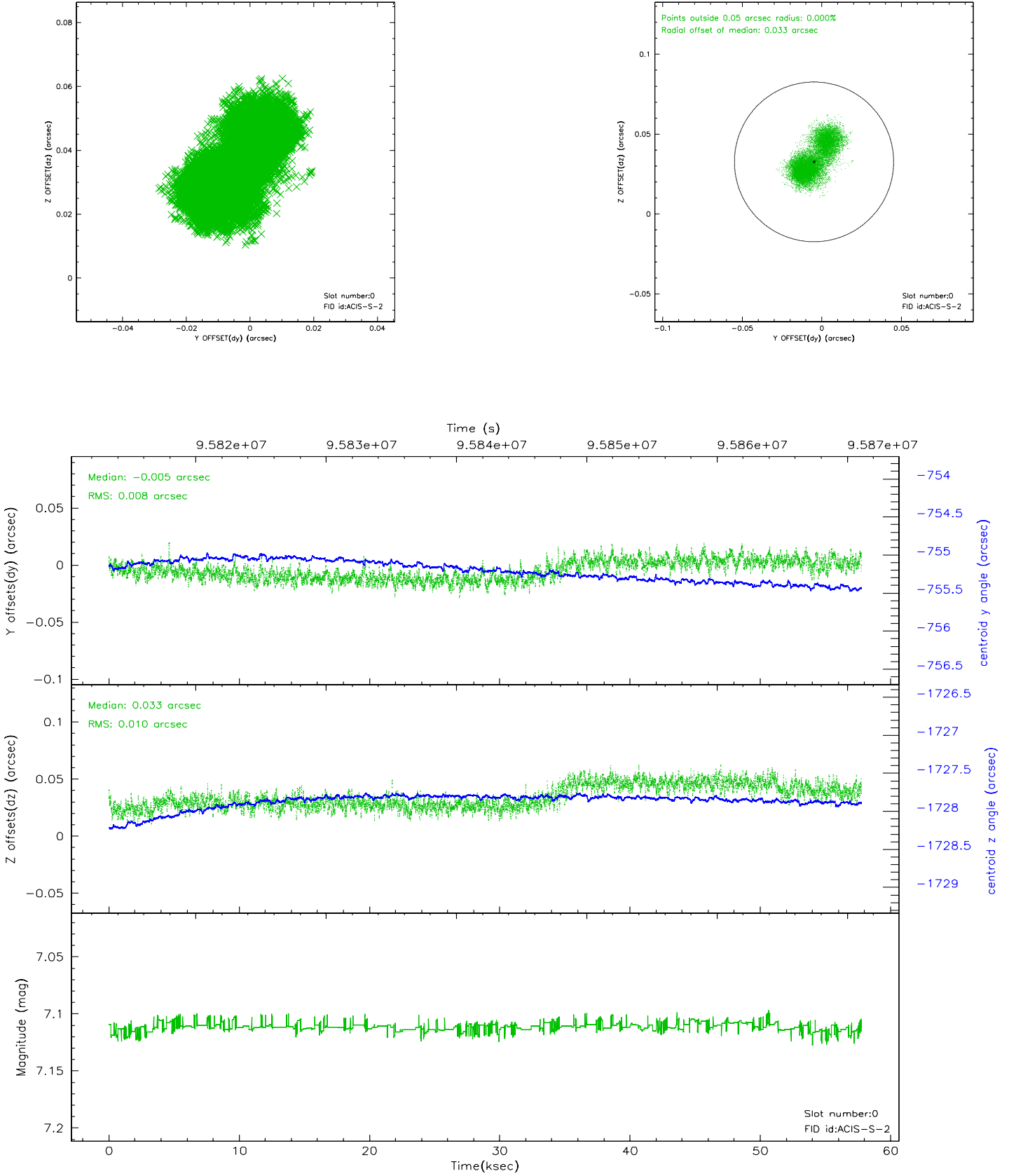


2.4.5 Slot 7

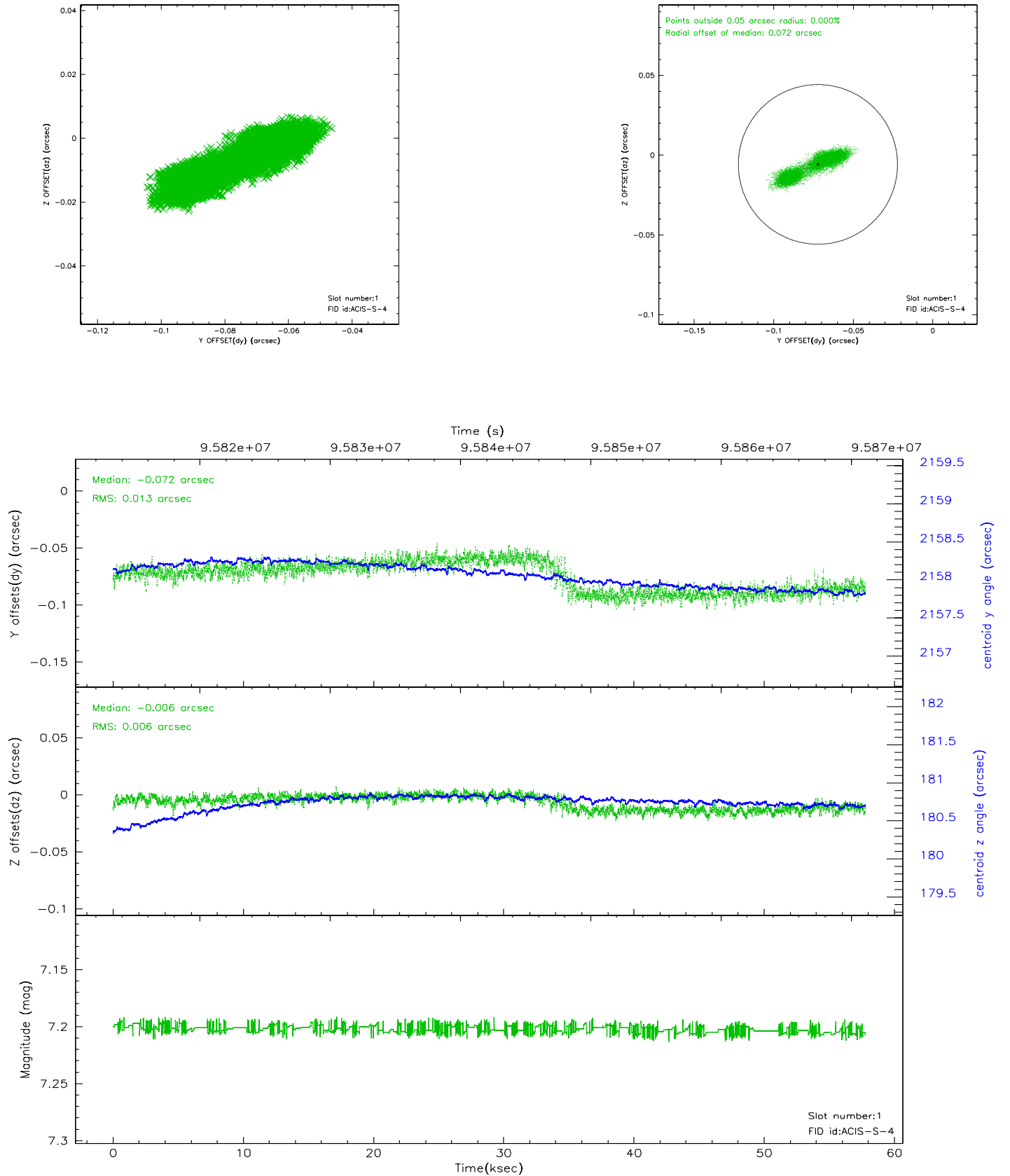


2.5 FID Slots

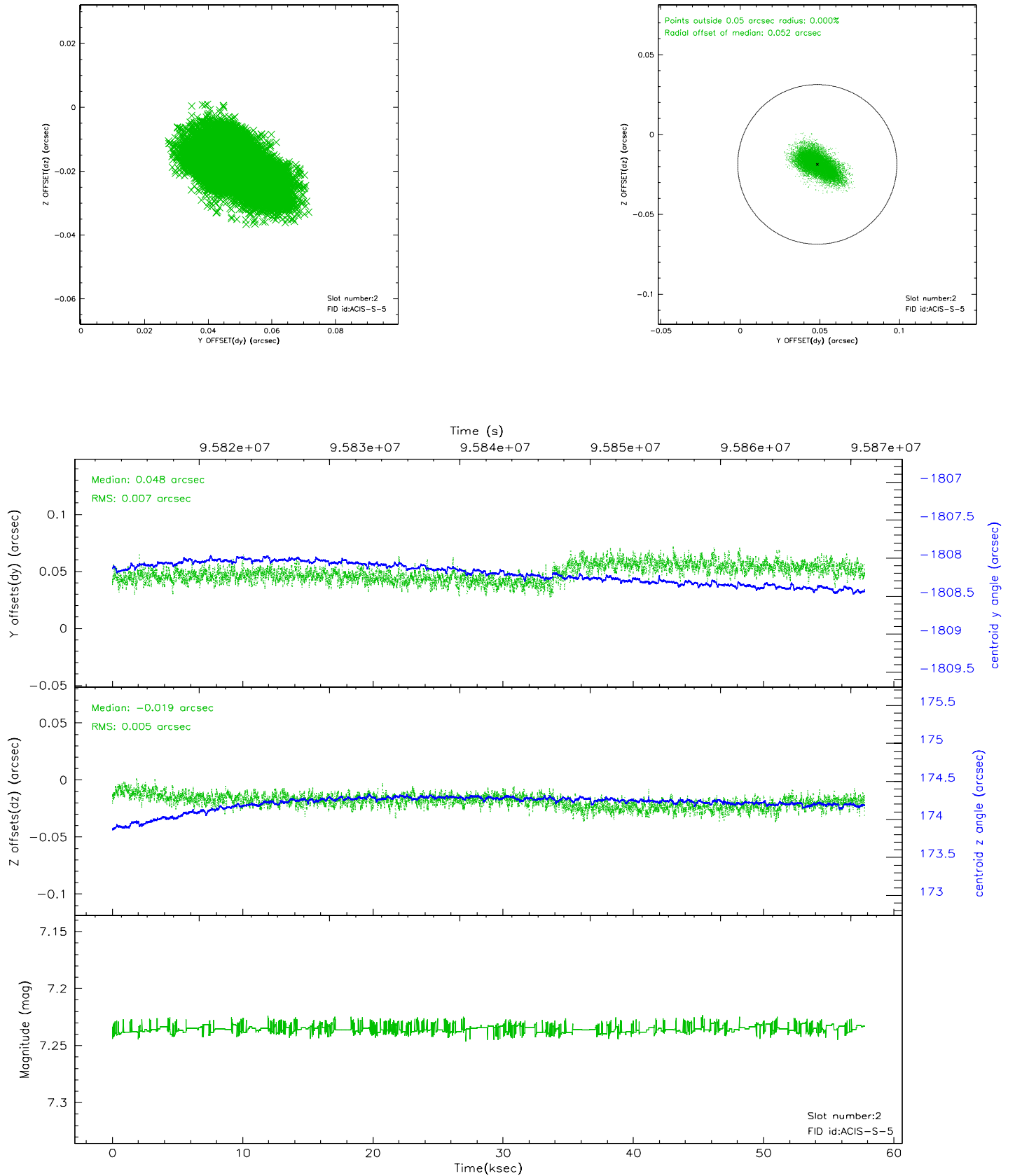
2.5.1 Slot 0



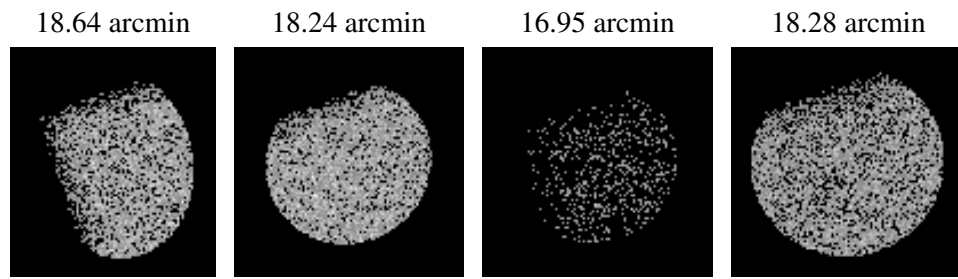
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.11.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	57.356

A.2 Comments