

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2252 - L2 Version 001
Chandra X-Ray Center

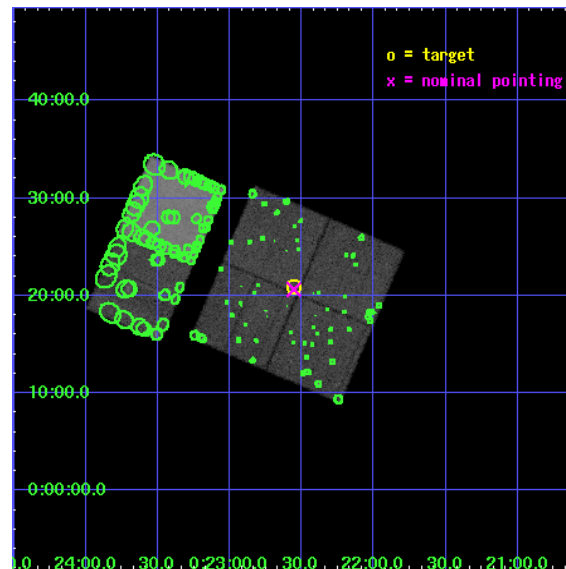
L2 Processing Date : Nov 2 2006

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1 Front

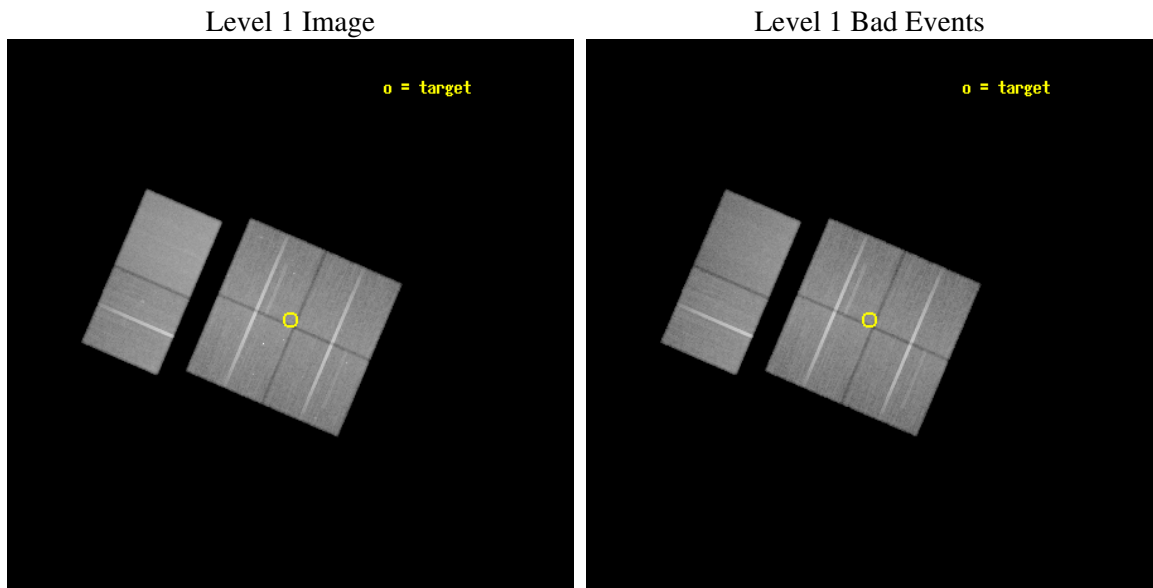
seq_num	900079
obs_id	2252
title	THE ORIGIN OF THE X-RAY BACKGROUND: A CHANDRA OBSERVATION OF THE HERSCHEL DEEP FIELD.
observer	PROFESSOR TOM SHANKS
object	WHDF
dtcycle	0
cycle	P
ra_targ	5.63875
dec_targ	0.348611
ra_nom	5.6387628697435
dec_nom	0.34380380308817
roll_nom	293.22039050309
revision	2
ontime	72134.359106928
livetime	71220.95041782
ontime0	72127.877186477
ontime1	72134.35908702
ontime2	72127.877196446
ontime3	72134.359106928
ontime6	72137.600067183
ontime7	72137.600067183
l2events	423011



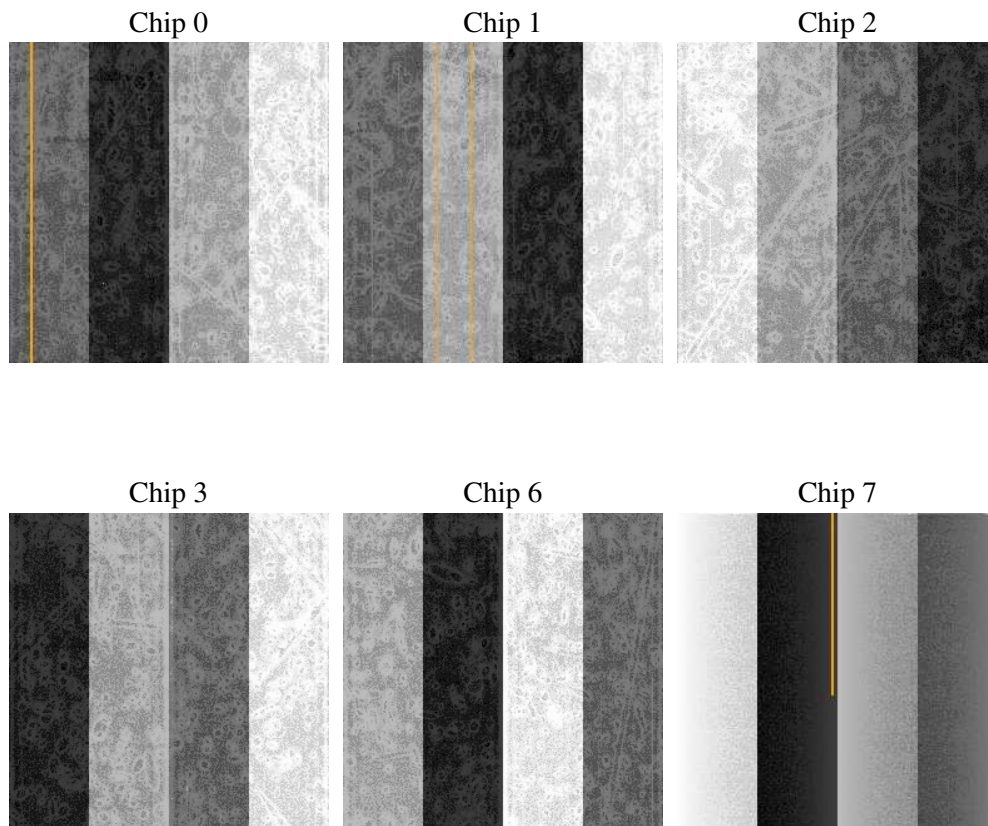
2 OBI

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	2006-11-02T16:19:07
revision	2

sched_exp_time	72000.000000
ontime	72225.632999495
ontime0	72219.151049137
ontime1	72225.632979587
ontime2	72219.151089013
ontime3	72225.632999495
ontime6	72228.87395975
ontime7	72228.87395975
l1events	2660199

2.1.4 Events

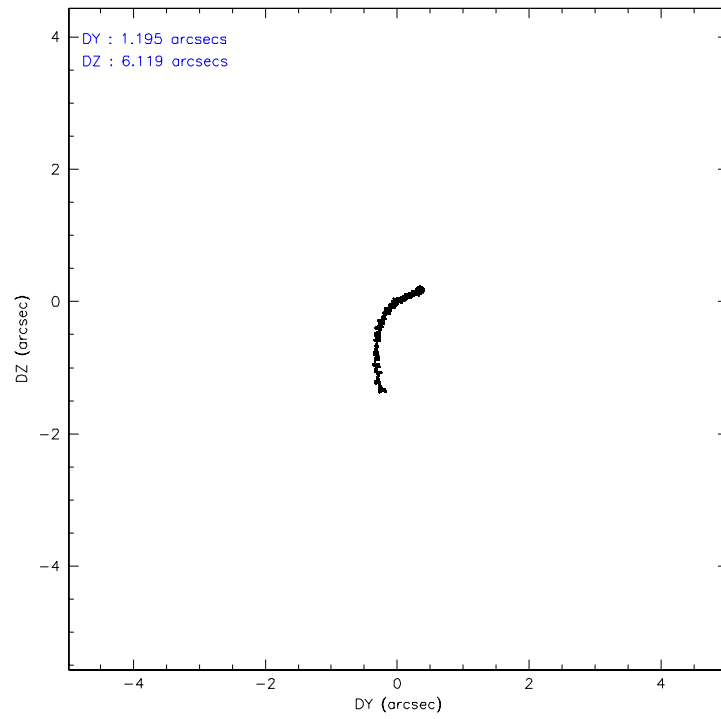
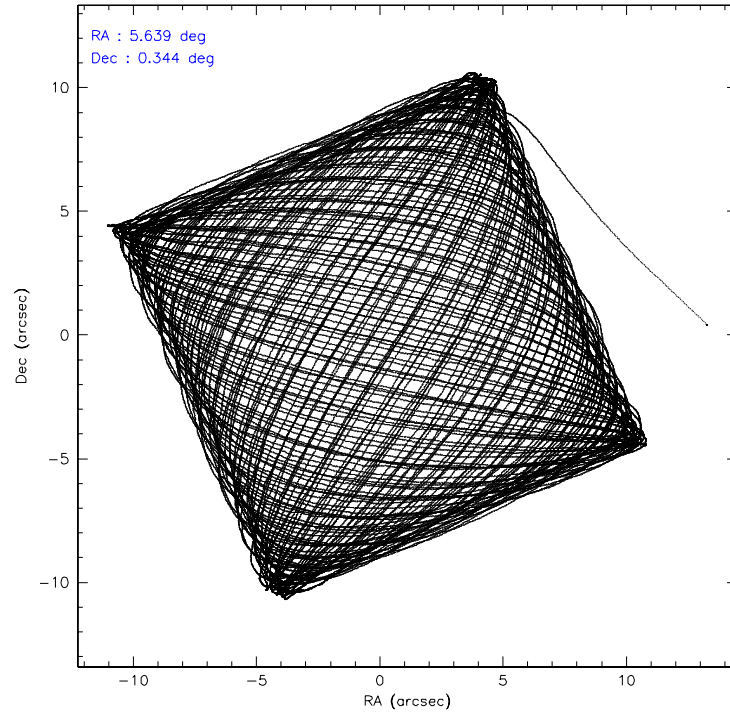
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	397612	398937	438499	425825	452502	546824
rejected events	346290	346491	385672	376096	400883	340020
rejected %	87%	86%	87%	88%	88%	62%

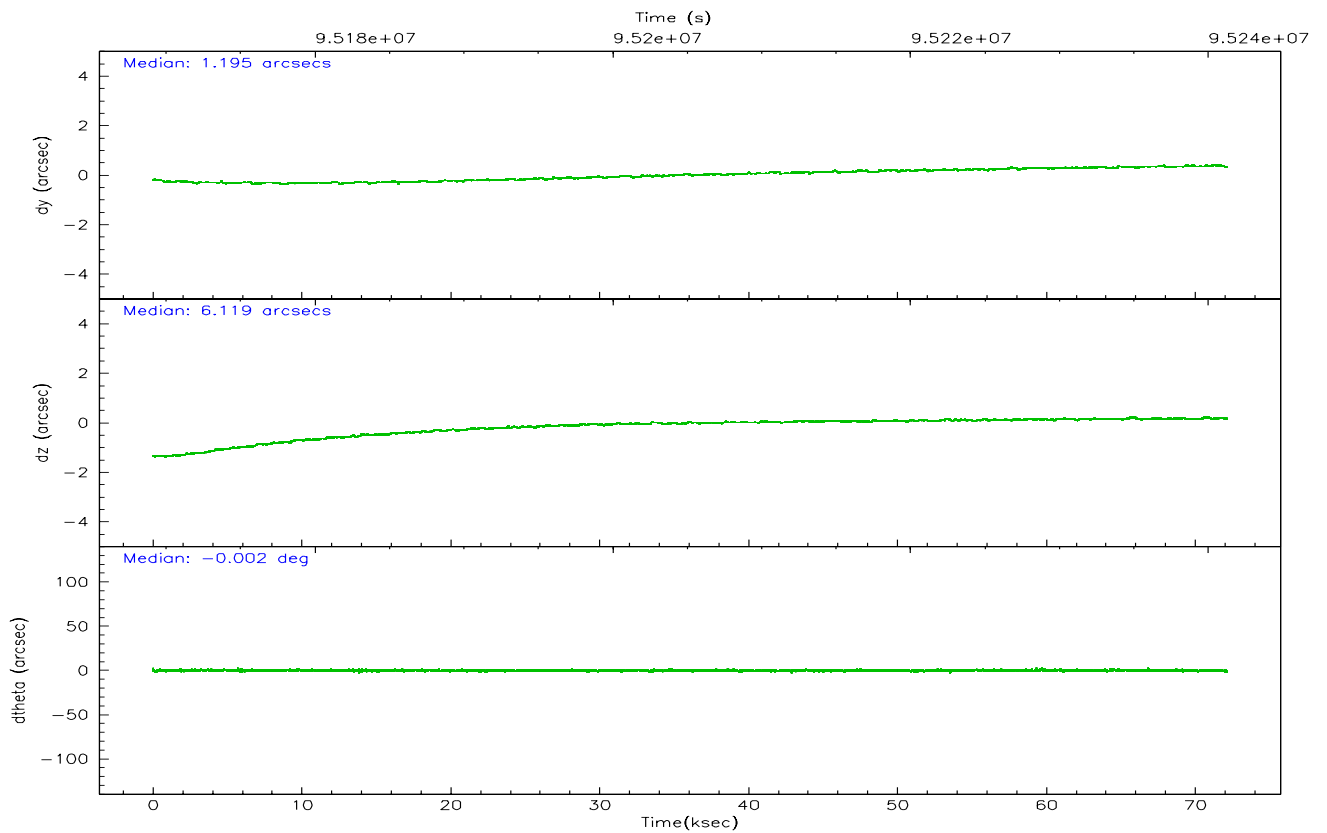
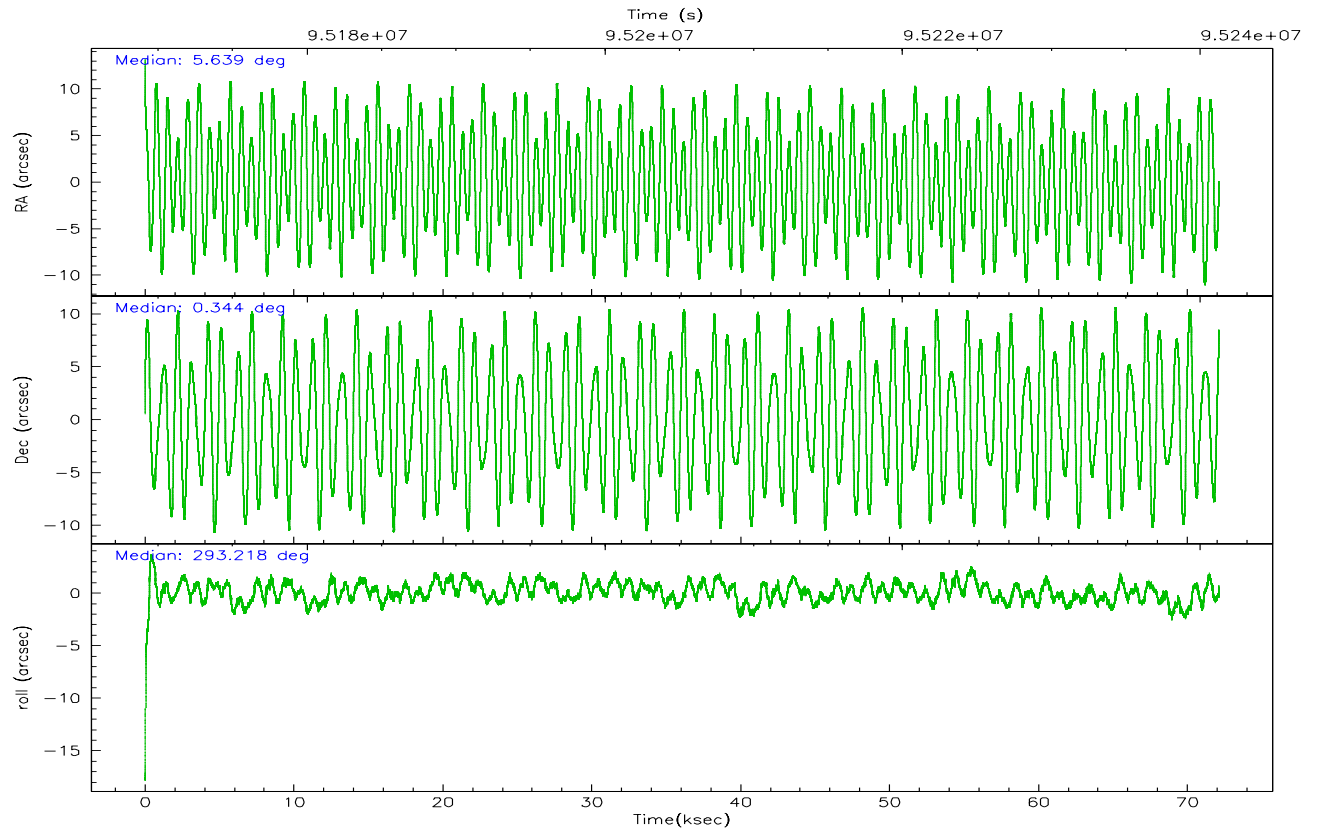
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	22008	21259	23967	21582	21187	12457
	5%	5%	5%	5%	4%	2%
grade 1 events	178	170	233	188	213	307
	0%	0%	0%	0%	0%	0%
grade 2 events	10822	10744	10914	9904	10600	50113
	2%	2%	2%	2%	2%	9%
grade 3 events	5043	5396	4658	4814	5028	11129
	1%	1%	1%	1%	1%	2%
grade 4 events	4746	5175	4676	4658	4951	10571
	1%	1%	1%	1%	1%	1%
grade 5 events	15284	16613	14677	16744	18504	37170
	3%	4%	3%	3%	4%	6%
grade 6 events	8764	9954	8680	8841	9932	122779
	2%	2%	1%	2%	2%	22%
grade 7 events	330767	329626	370694	359094	382087	302298
	83%	82%	84%	84%	84%	55%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	5.616773	5.638762869743454	Subarray requested	NONE	NONE
Pointing Dec	0.360277	0.34380380308817	Alternating exposures requested	N	N
Pointing Roll	293.011848	293.2203905030851	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	95169260.184000	95168165.481932			
Observation start date	2001-01-06T11:53:16	2001-01-06T11:36:05			
Observation end time	95241260.184000	95242778.309793			
Observation end date	2001-01-07T07:53:16	2001-01-07T08:19:38			
Read mode	TIMED	TIMED			

2.3 Aspect



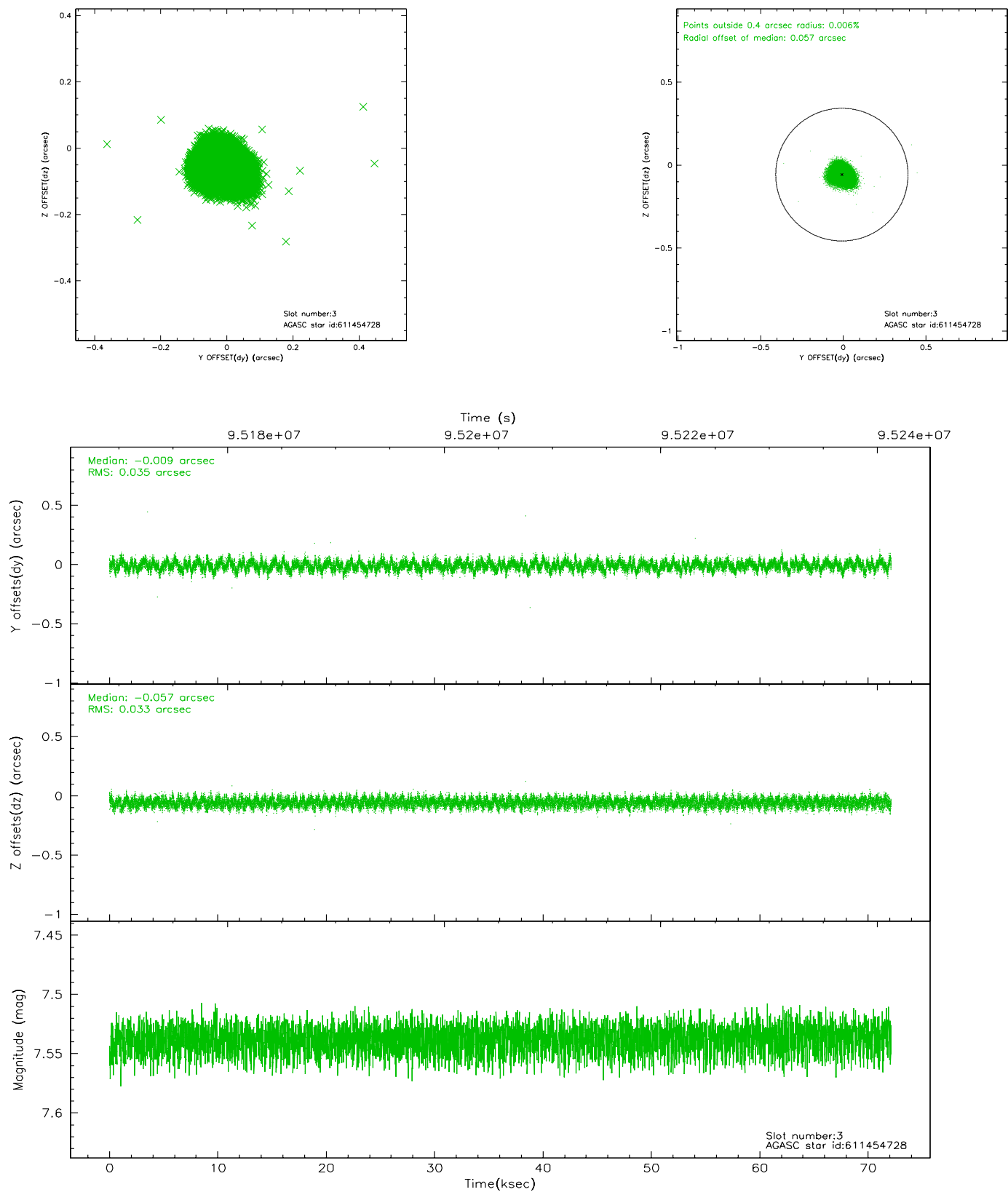


Slot Statistics

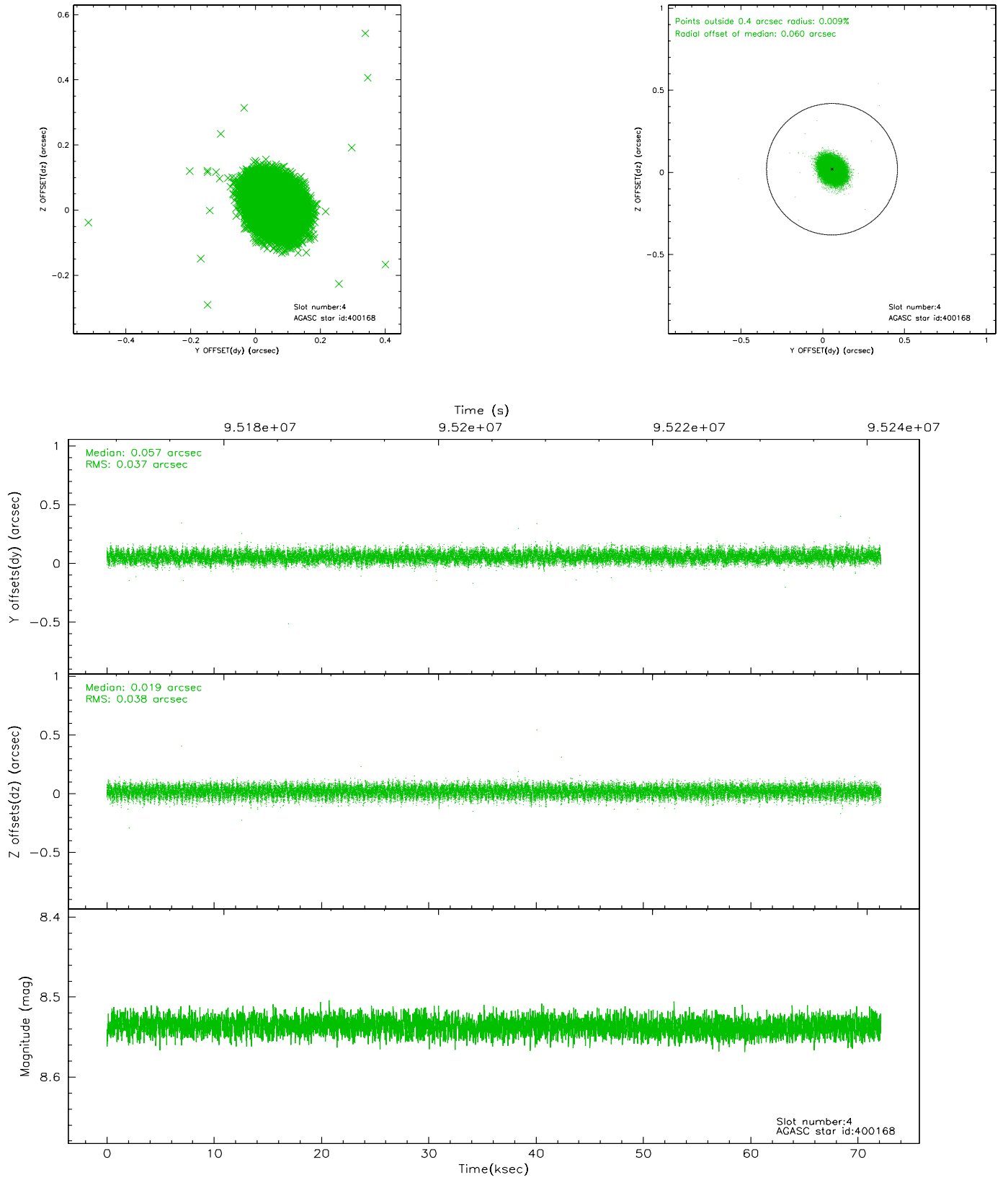
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	17593	-0.013	-0.036	0.012	0.026	0.000000	0.000000	-755.54	-835.70
1	FID	ACIS-I-4	7.18	17592	-0.097	0.027	0.009	0.016	0.000000	0.000000	2158.46	1070.58
2	FID	ACIS-I-5	7.23	17593	0.010	0.077	0.011	0.023	0.000000	0.000000	-1809.43	1068.39
3	GUIDE	611454728	7.54	35189	-0.009	-0.057	0.051	0.083	5.463672	-0.004442	993.74	-1020.26
4	GUIDE	400168	8.54	35186	0.057	0.019	0.057	0.092	5.954771	0.121905	1266.24	784.90
5	GUIDE	399312	9.22	35171	0.029	-0.141	0.074	0.122	5.721547	0.176635	756.73	88.95
6	GUIDE	393736	9.42	35175	-0.207	-0.038	0.080	0.128	5.451317	0.917193	-2077.70	235.83
7	GUIDE	400064	9.46	35174	0.132	0.218	0.084	0.136	6.169723	0.210088	1276.48	1621.50

2.4 Star Slots

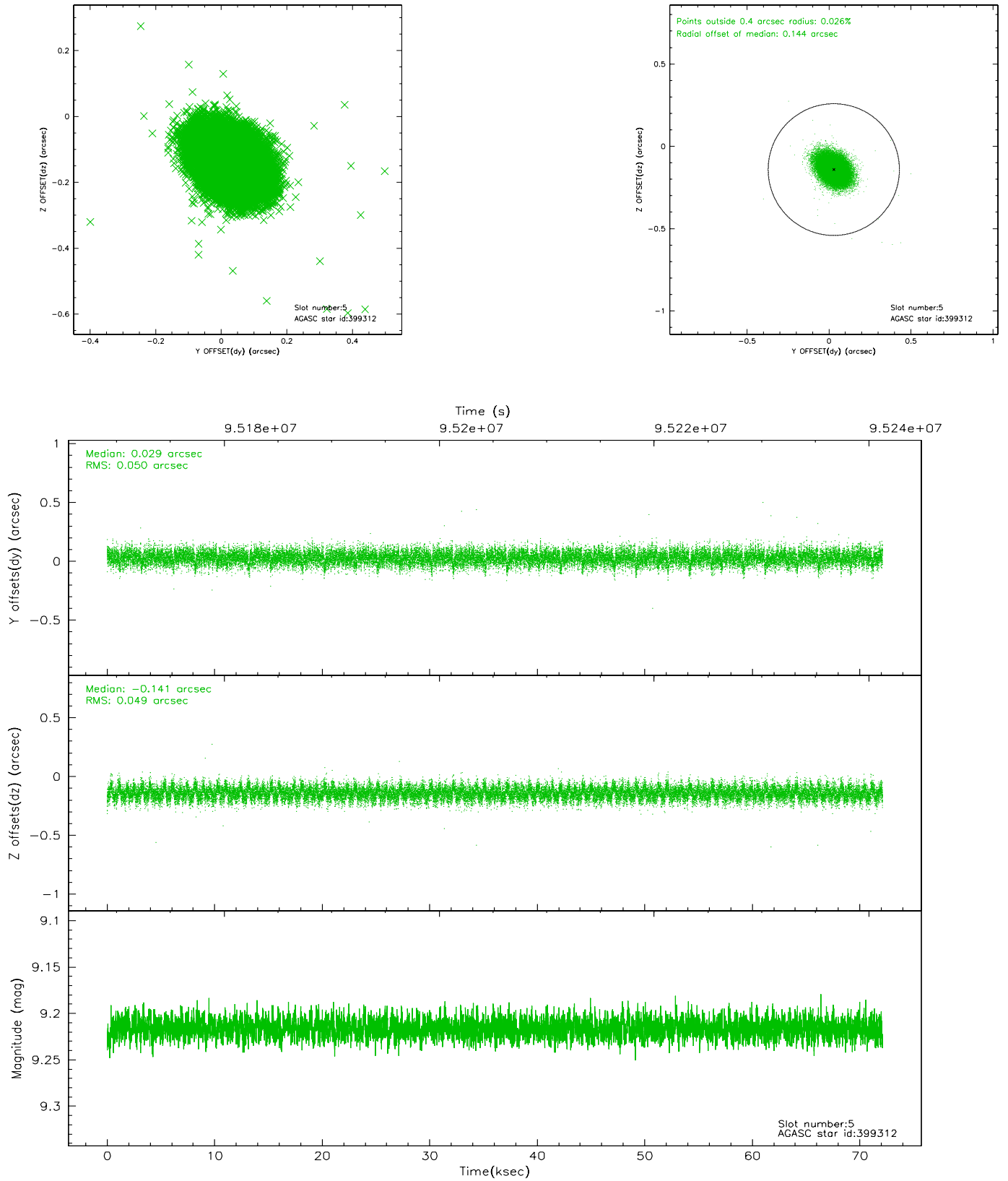
2.4.1 Slot 3



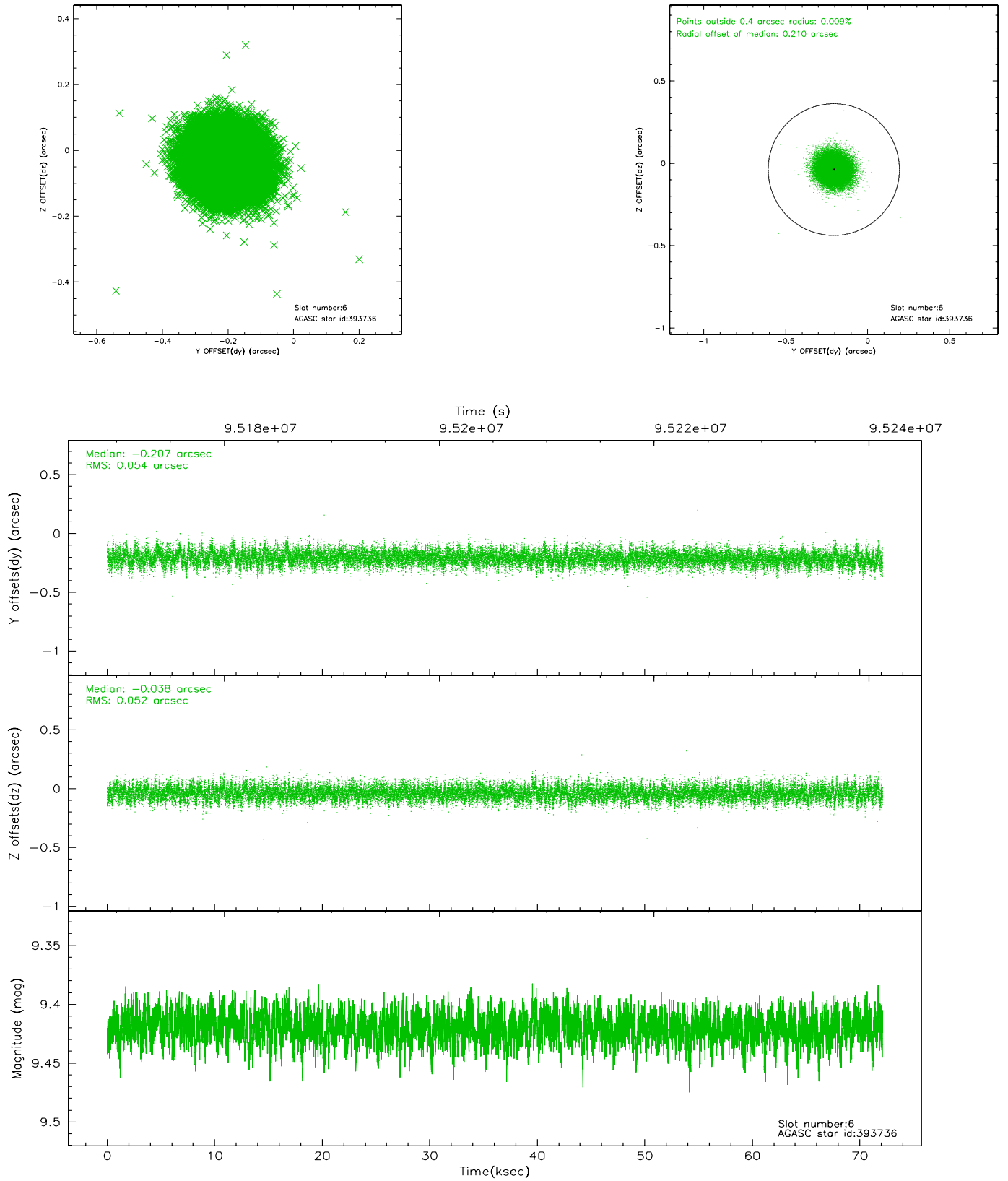
2.4.2 Slot 4



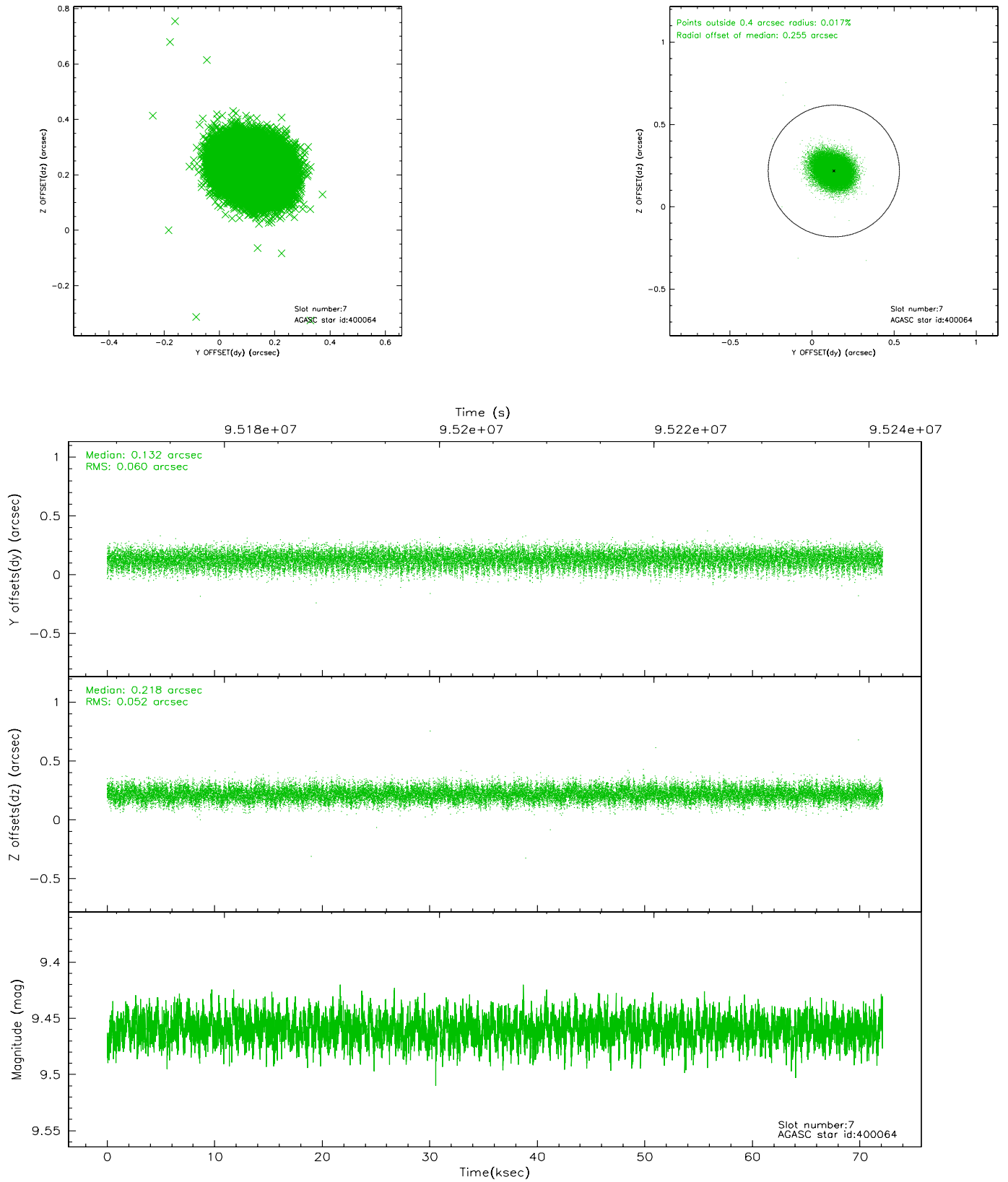
2.4.3 Slot 5



2.4.4 Slot 6

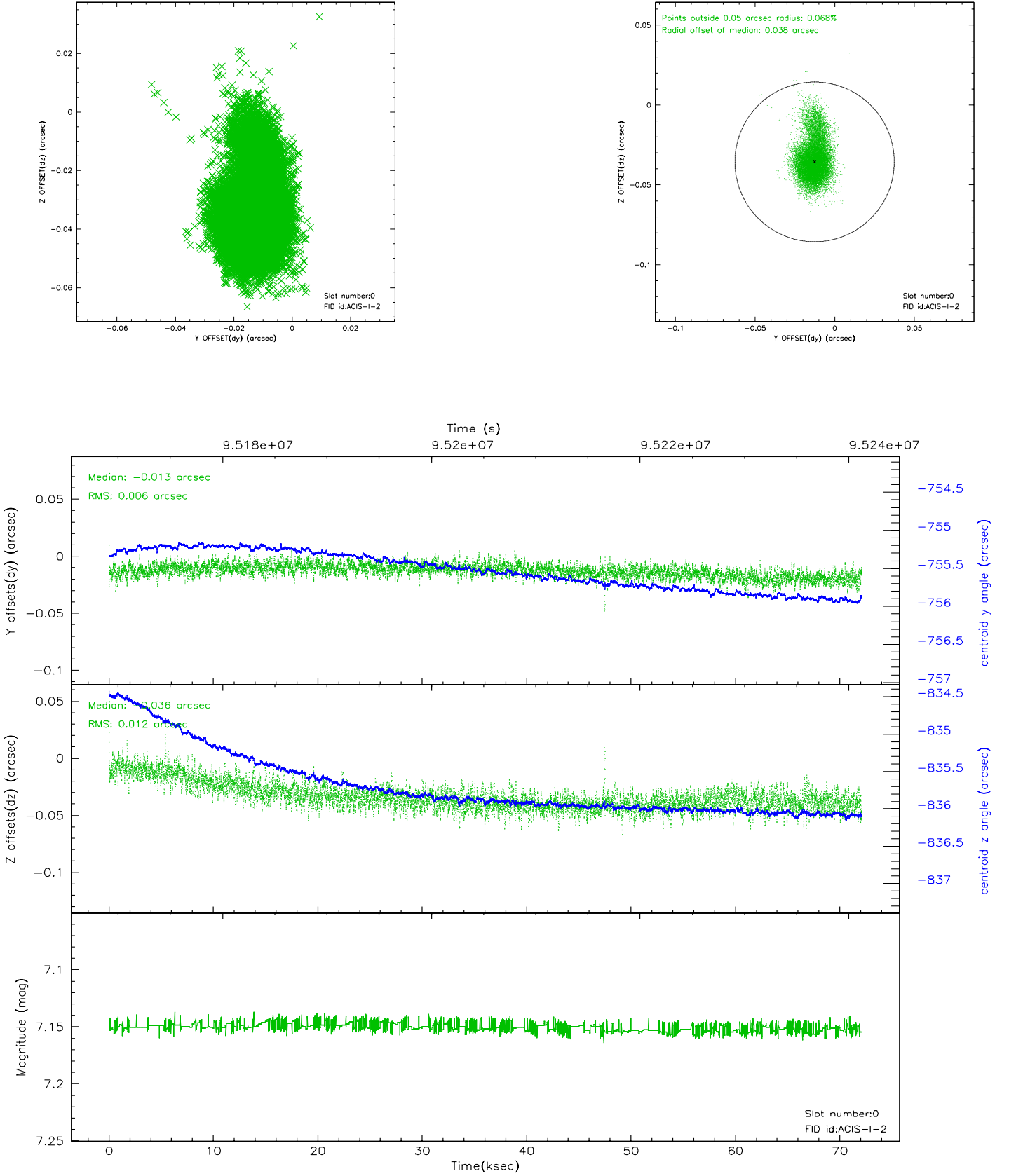


2.4.5 Slot 7

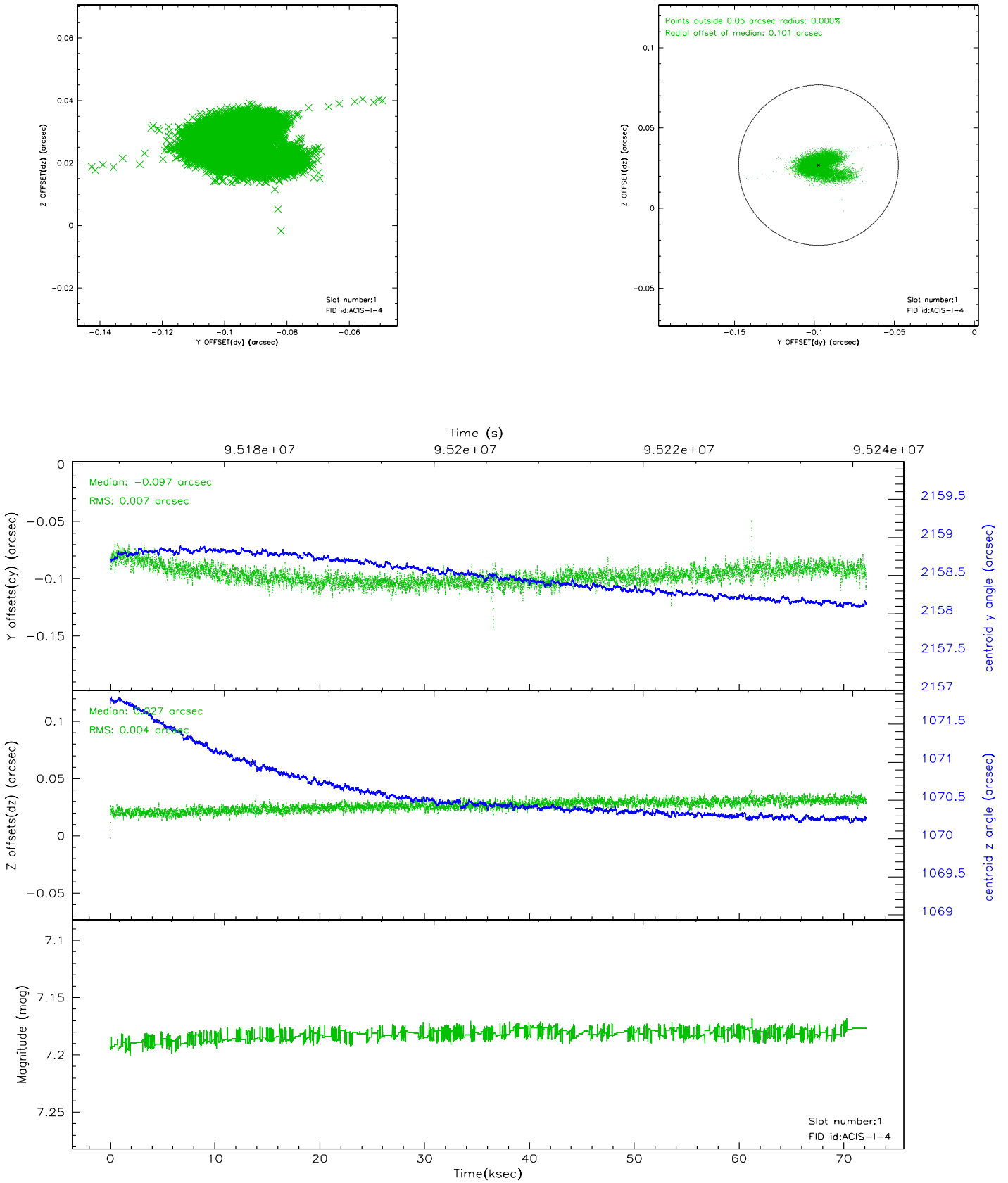


2.5 FID Slots

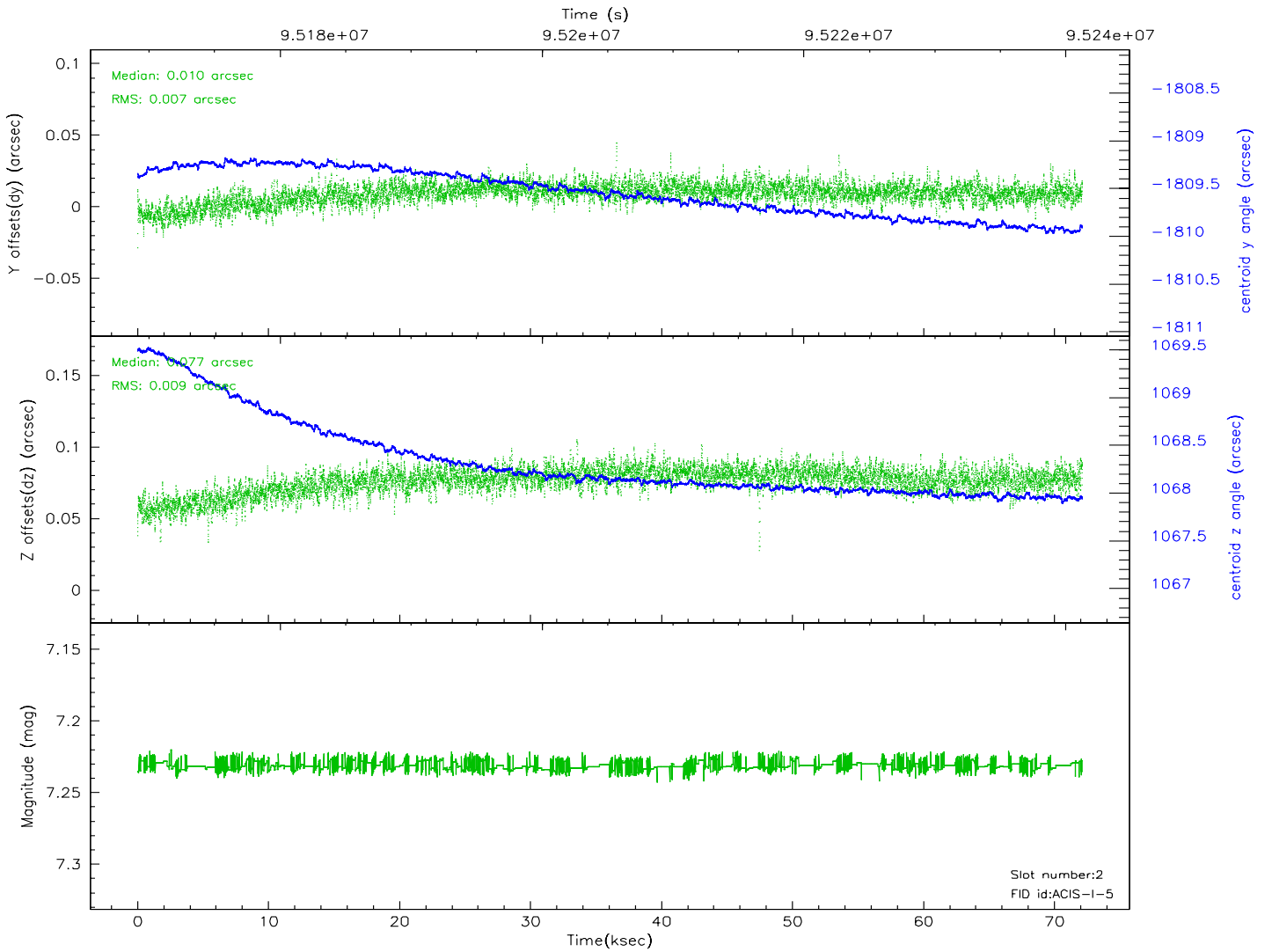
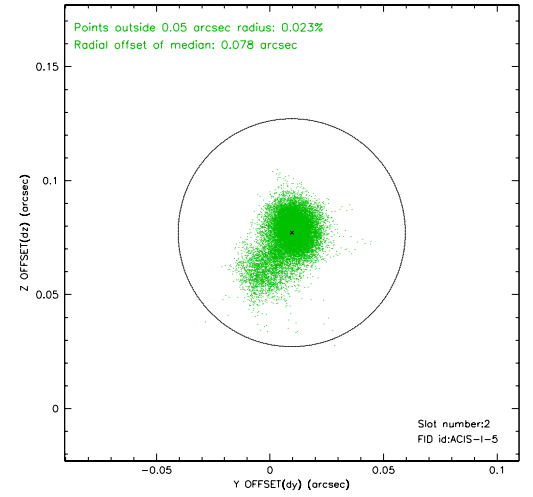
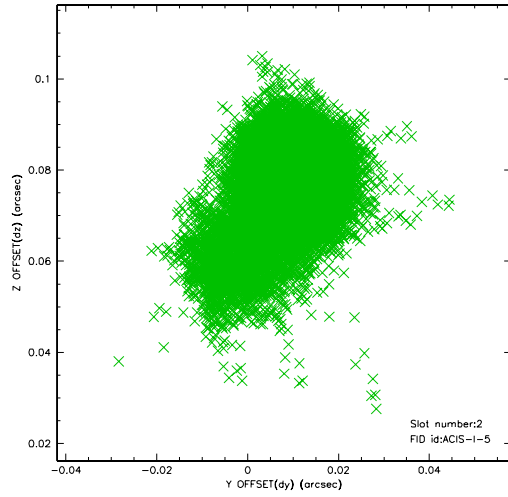
2.5.1 Slot 0



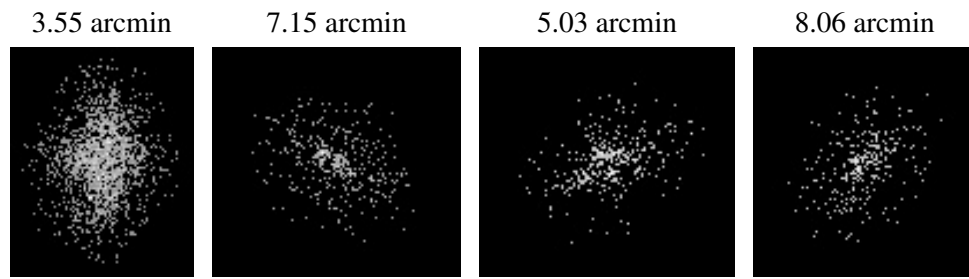
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.134

A.2 Comments