

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2257 - L2 Version 001
Chandra X-Ray Center

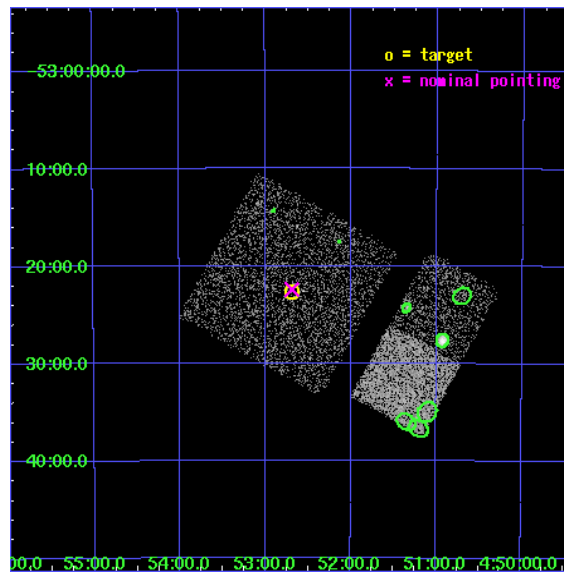
L2 Processing Date : Dec 19 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
3	Point Sources	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

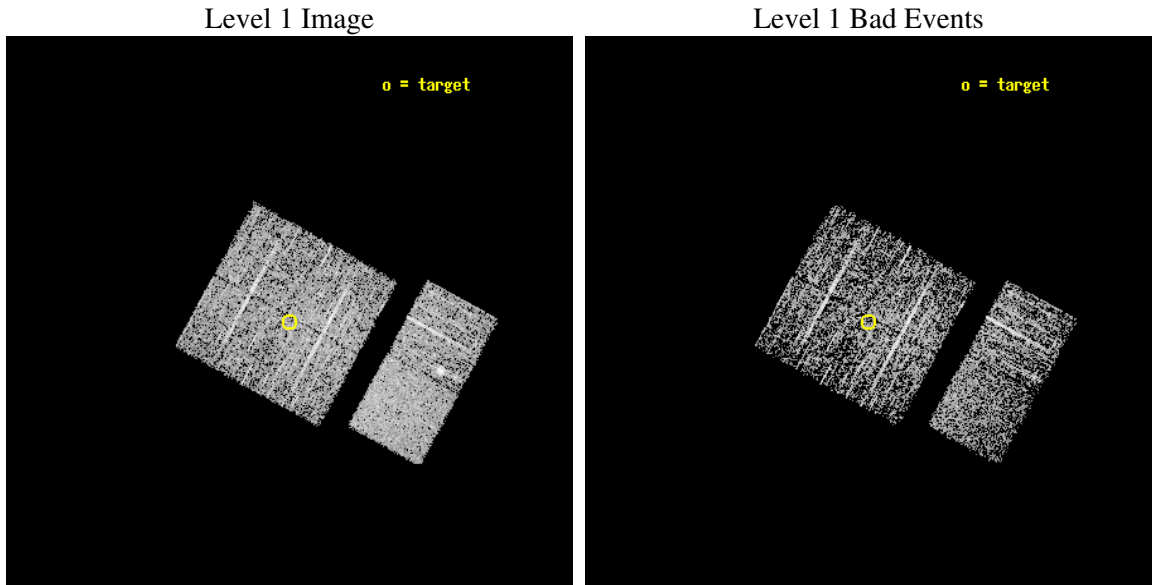
seq_num	900084
obs_id	2257
title	CHANDRA OBSERVATION OF HARD X-RAY SOURCES DISCOVERED WITH ASCA
observer	Dr Yoshihiro Ueda
object	AGX~J045241-5322
dtcycle	0
cycle	P
ra_targ	73.1725
dec_targ	-53.378306
ra_nom	73.172024448197
dec_nom	-53.373813414249
roll_nom	118.76411994583
revision	3
ontime	2044.8000019044
livetime	2018.9075130495
ontime0	2044.8000019044
ontime1	2044.8000019044
ontime2	2044.8000019044
ontime3	2044.8000019044
ontime6	2044.8000019044
ontime7	2044.8000019044
l2events	13738



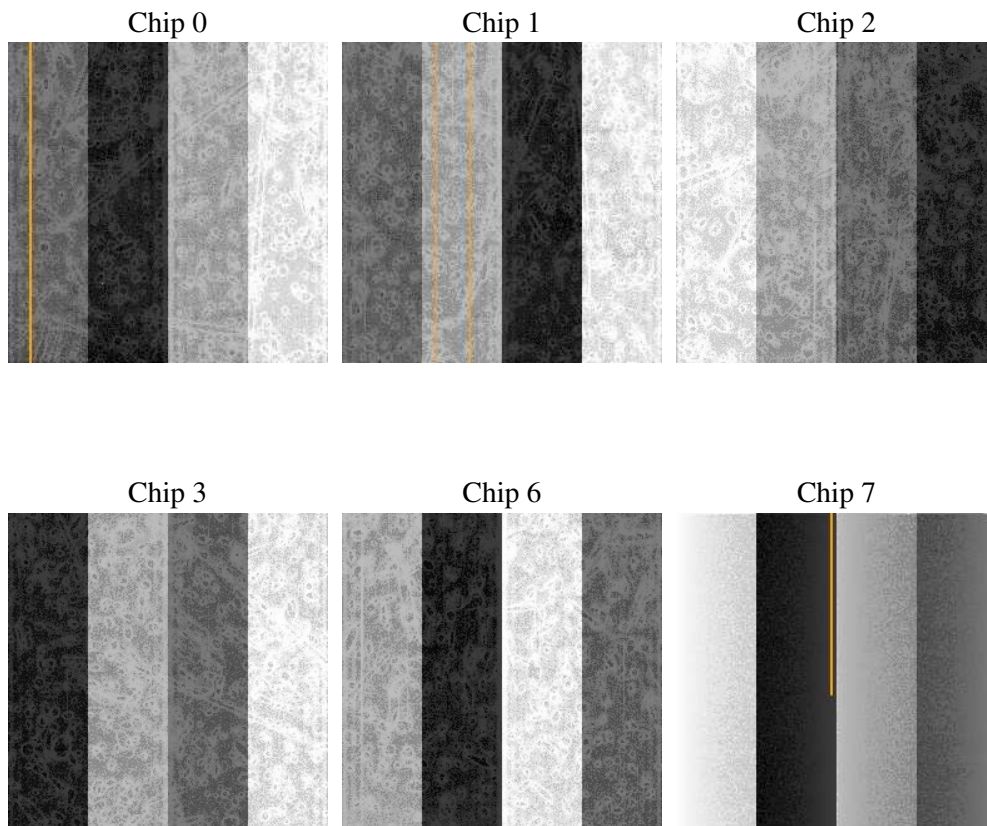
2 OBI

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	2006-12-19T14:38:02
revision	3

sched_exp_time	2290.000000
ontime	2048.3103305846
ontime0	2048.3103305846
ontime1	2048.3103305846
ontime2	2048.3103305846
ontime3	2048.3103305846
ontime6	2048.3103305846
ontime7	2048.3103305846
l1events	85489

2.1.4 Events

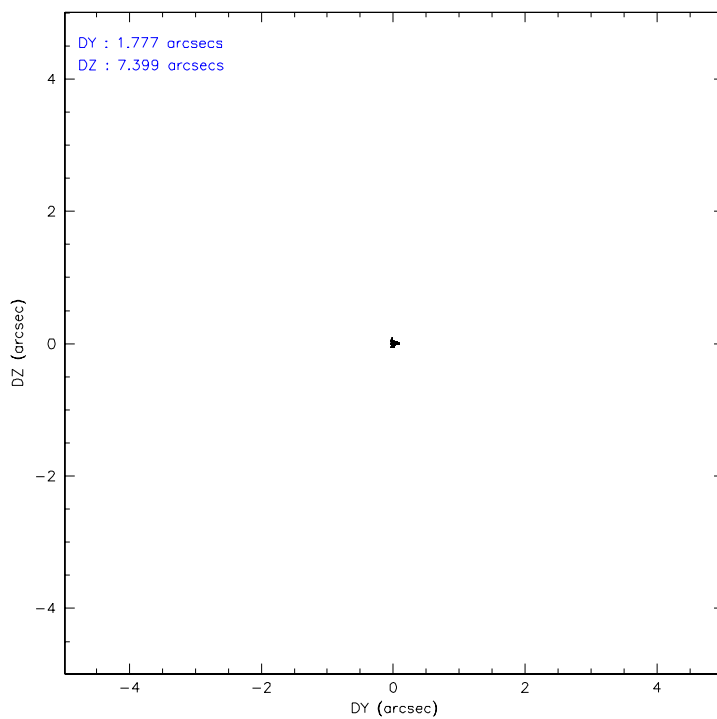
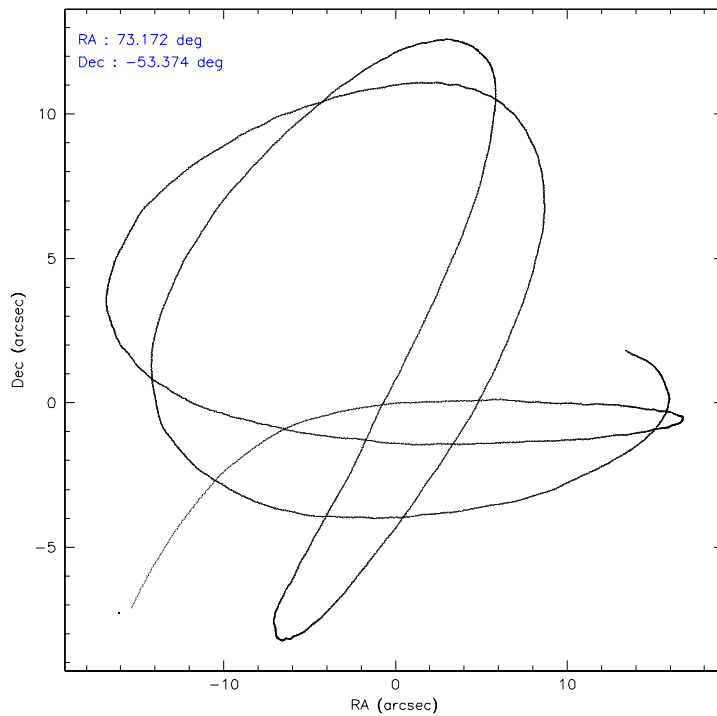
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	12705	12492	14375	13649	15229	17039
rejected events	11074	10920	12826	12079	13026	10423
rejected %	87%	87%	89%	88%	85%	61%

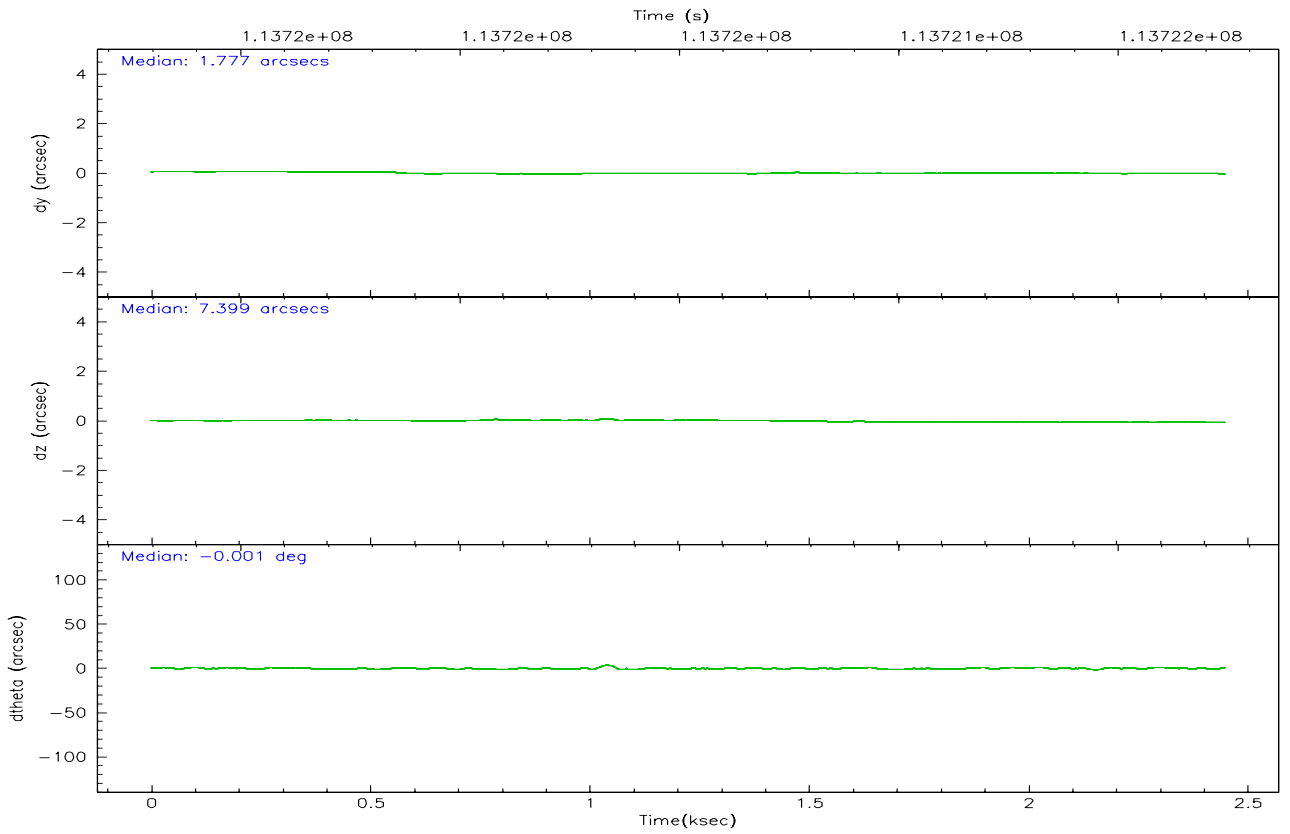
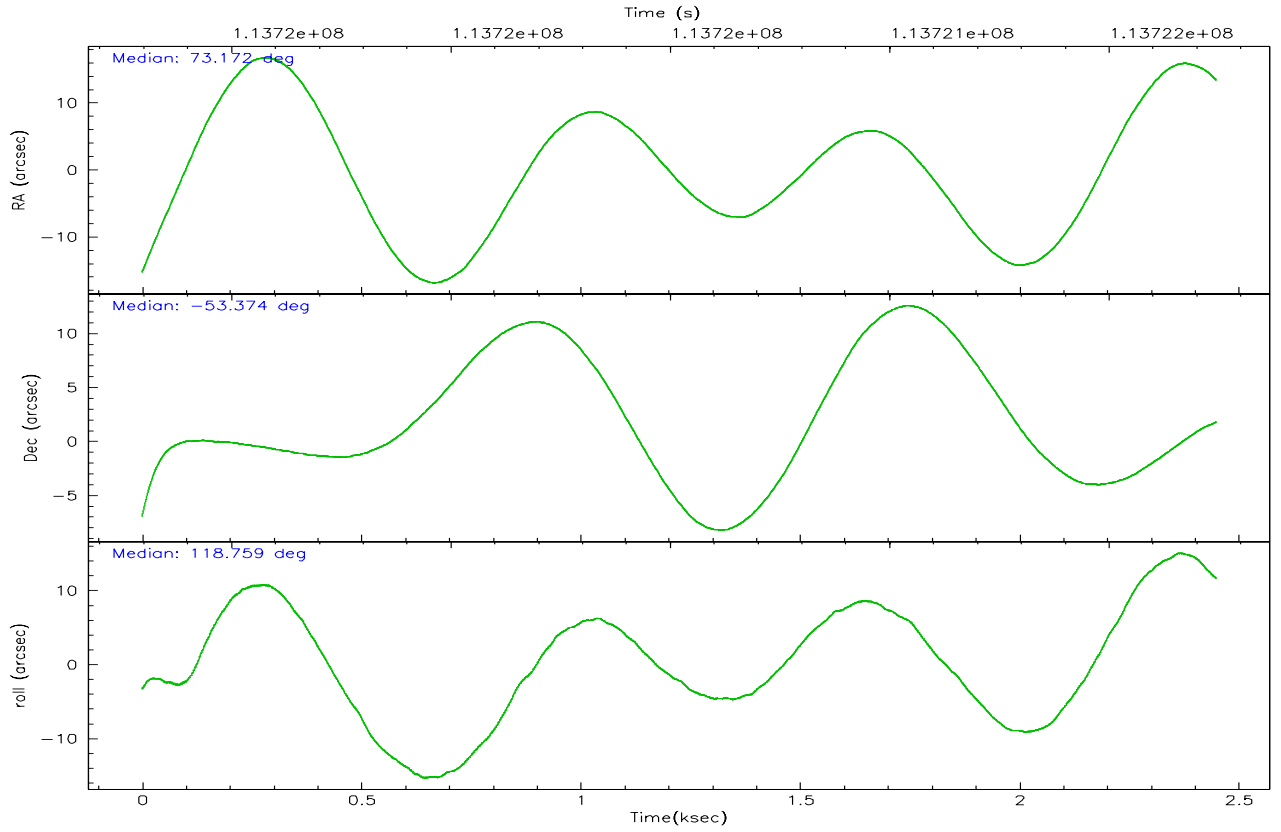
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	694	643	714	689	1159	411
	5%	5%	4%	5%	7%	2%
grade 1 events	5	2	10	0	11	4
	0%	0%	0%	0%	0%	0%
grade 2 events	334	309	315	314	377	1703
	2%	2%	2%	2%	2%	9%
grade 3 events	161	145	134	162	167	366
	1%	1%	0%	1%	1%	2%
grade 4 events	161	188	143	136	185	326
	1%	1%	0%	0%	1%	1%
grade 5 events	470	525	482	523	560	1164
	3%	4%	3%	3%	3%	6%
grade 6 events	281	288	244	271	318	3820
	2%	2%	1%	1%	2%	22%
grade 7 events	10599	10392	12333	11554	12452	9245
	83%	83%	85%	84%	81%	54%

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	73.211061	73.17202444819745	Subarray requested	NONE	NONE
Pointing Dec	-53.387790	-53.3738134142491	Alternating exposures requested	N	N
Pointing Roll	118.586716	118.7641199458266	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	-233.58743444608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	113719453.184000	113718506.52691			
Observation start date	2001-08-09T04:43:09	2001-08-09T04:28:26			
Observation end time	113721743.184000	113722643.42707			
Observation end date	2001-08-09T05:21:19	2001-08-09T05:37:23			
Read mode	TIMED	TIMED			

2.3 Aspect



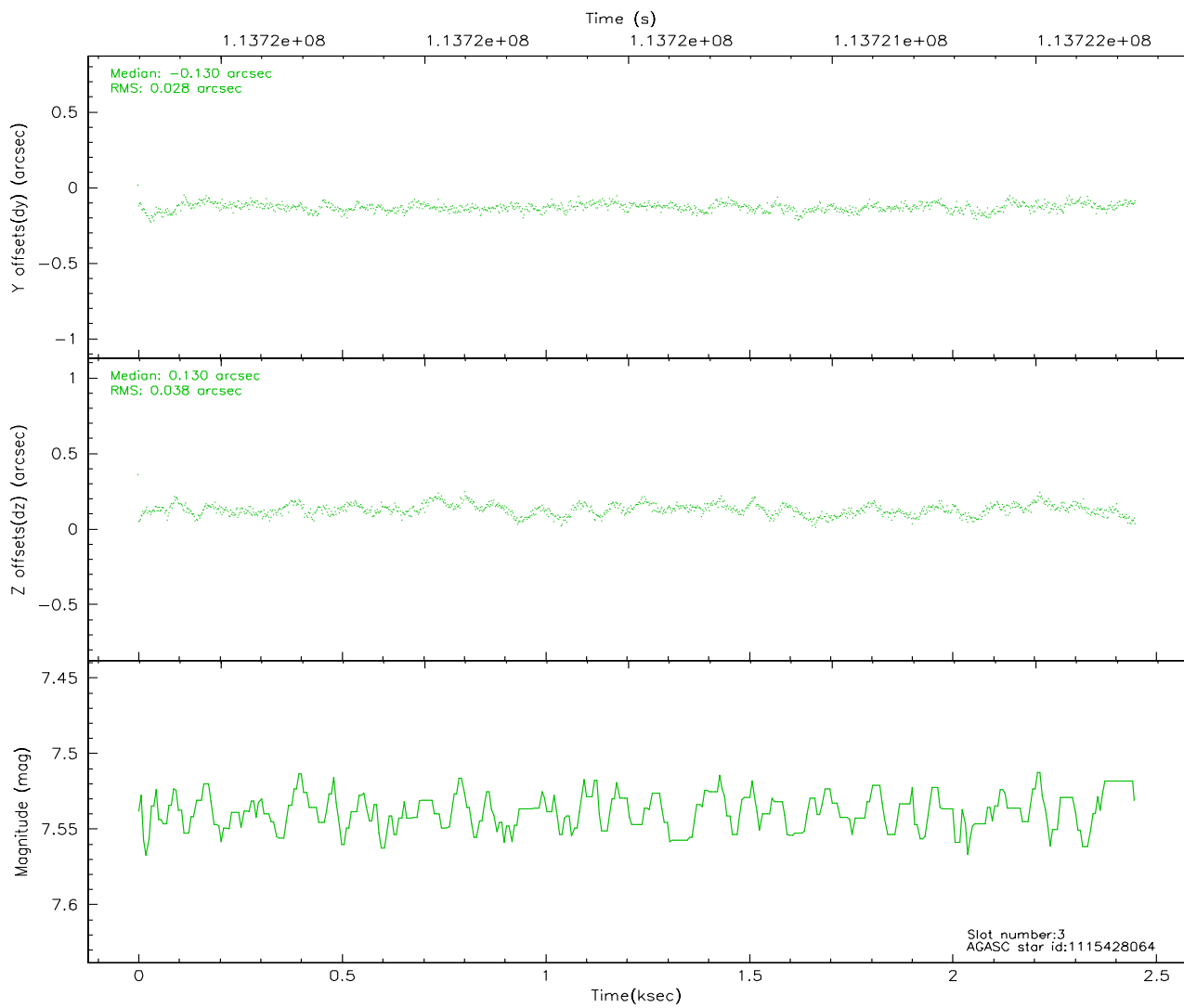
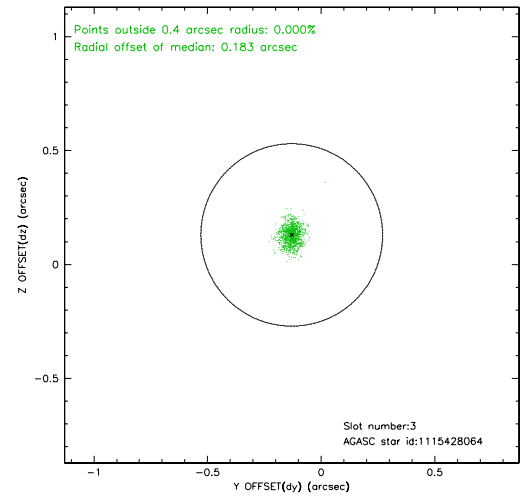
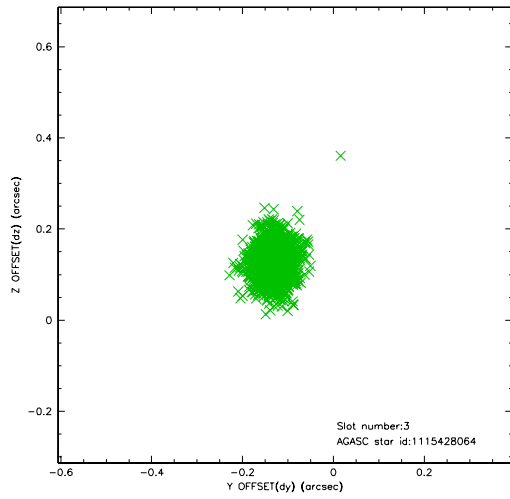


Slot Statistics

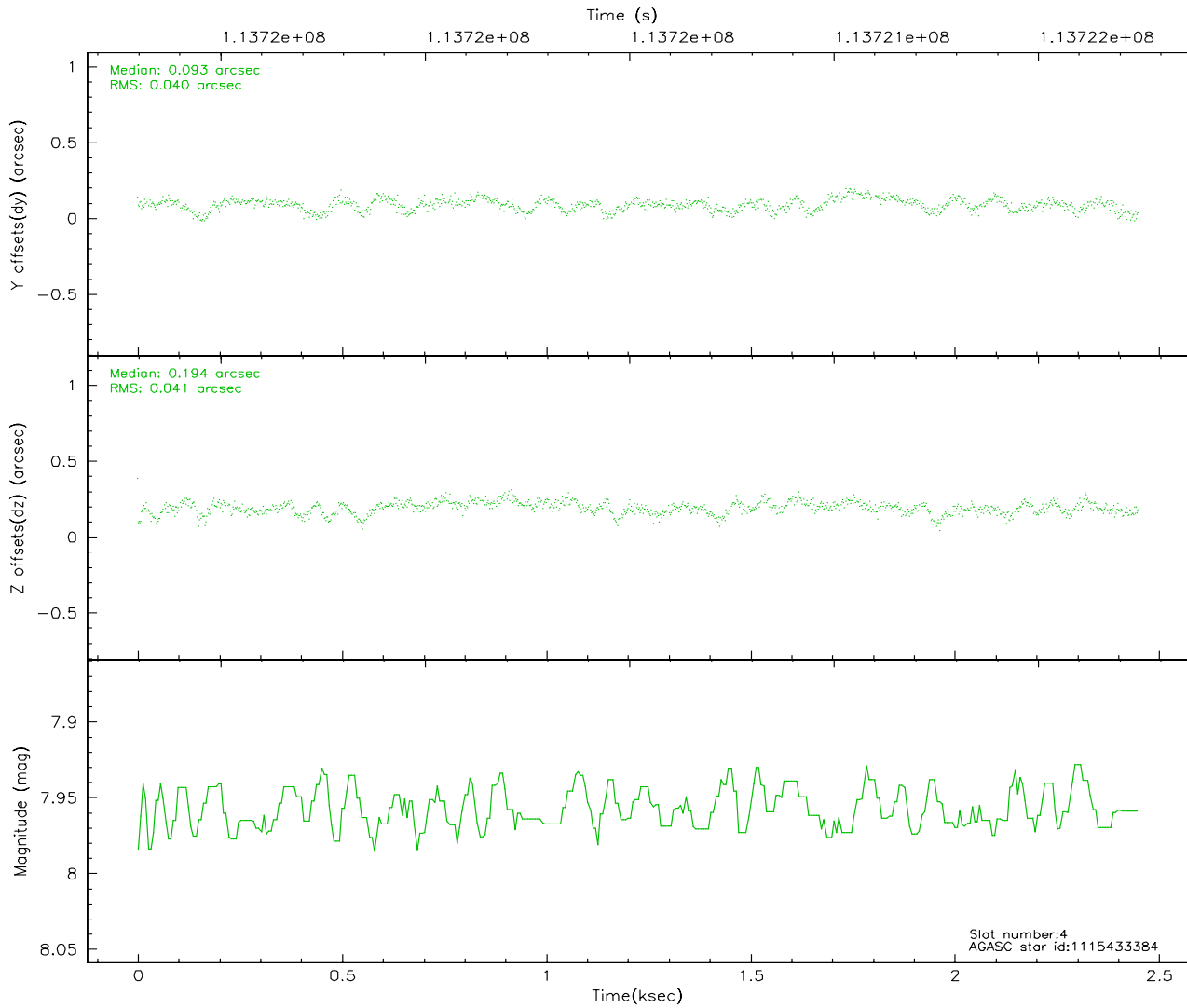
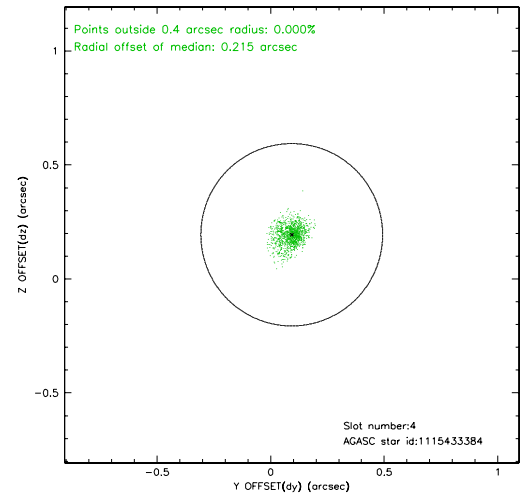
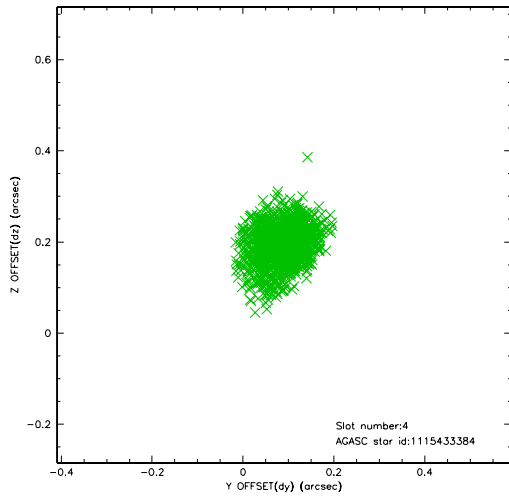
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	598	-0.046	0.036	0.004	0.008	0.000000	0.000000	937.98	-830.78
1	FID	ACIS-I-5	7.23	598	-0.015	0.014	0.004	0.008	0.000000	0.000000	-1808.58	1065.42
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	1115428064	7.54	1196	-0.130	0.130	0.051	0.080	74.135555	-53.027377	171.49	-2371.44
4	GUIDE	1115433384	7.96	1196	0.093	0.194	0.061	0.101	74.432905	-53.395200	-1296.46	-2280.78
5	GUIDE	1115429648	8.99	1196	0.056	-0.114	0.086	0.133	72.495760	-53.281703	1065.37	1171.61
6	GUIDE	1115428848	10.32	1157	-0.001	-0.240	0.149	0.253	72.613653	-54.150325	-1810.49	2423.57
7	GUIDE	1115429880	9.42	1193	-0.022	0.032	0.090	0.146	71.876198	-53.112882	2225.01	2074.94

2.4 Star Slots

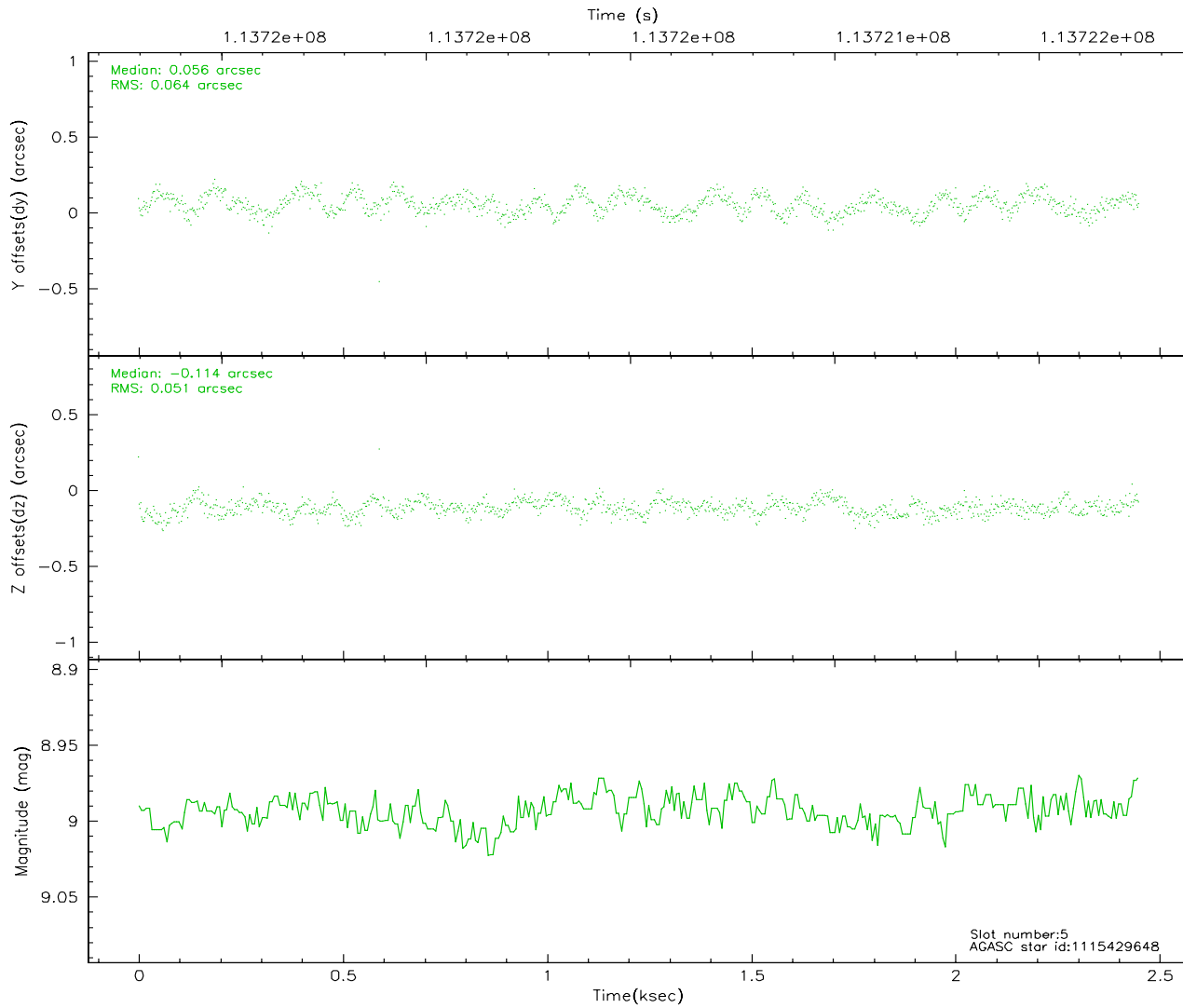
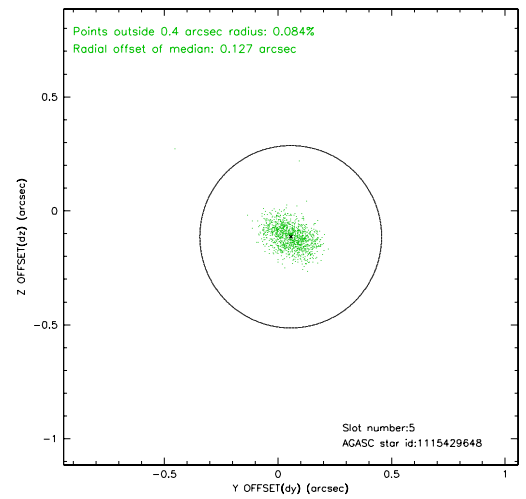
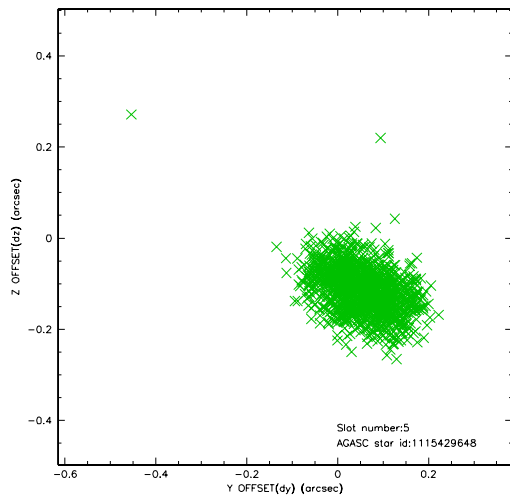
2.4.1 Slot 3



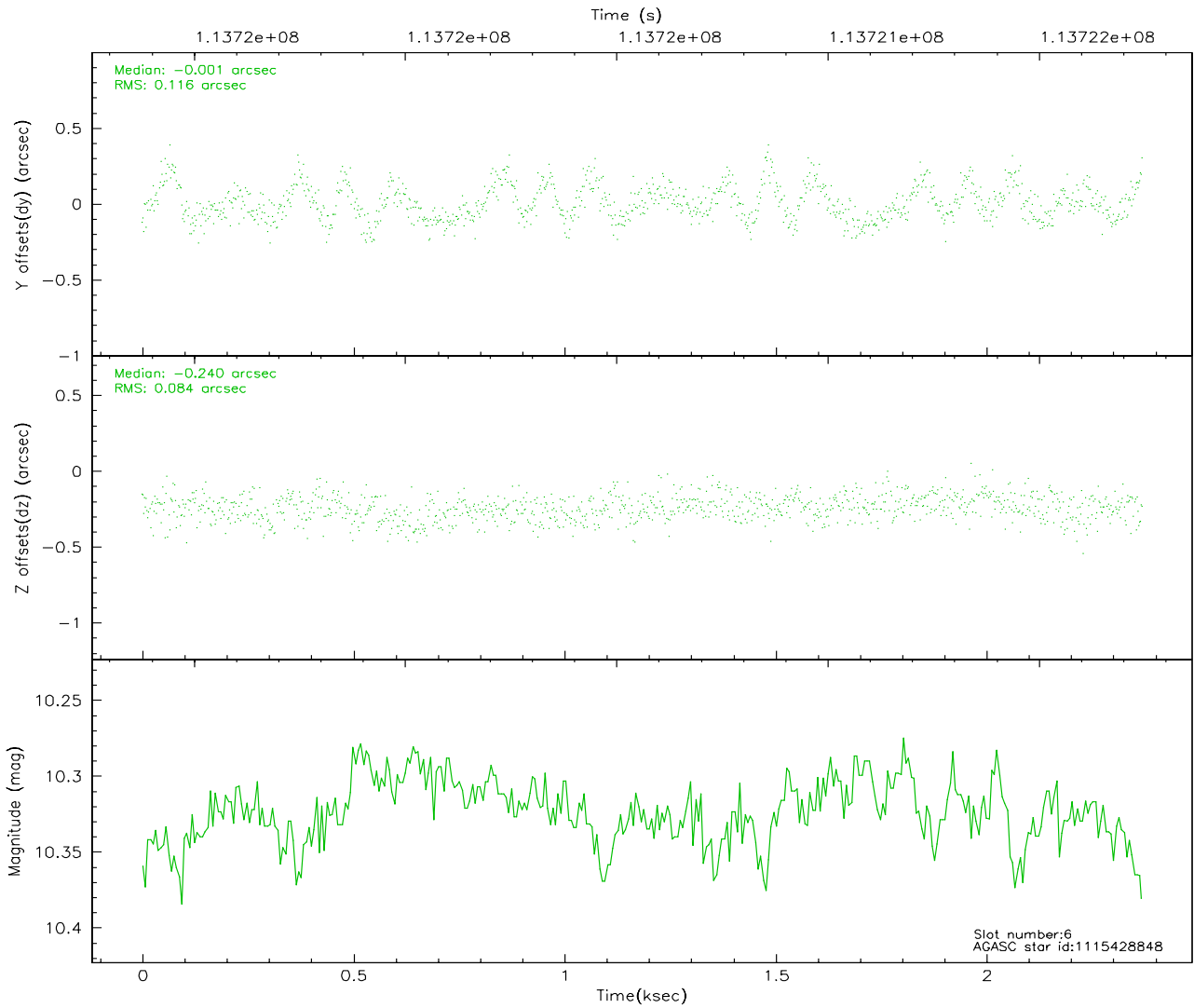
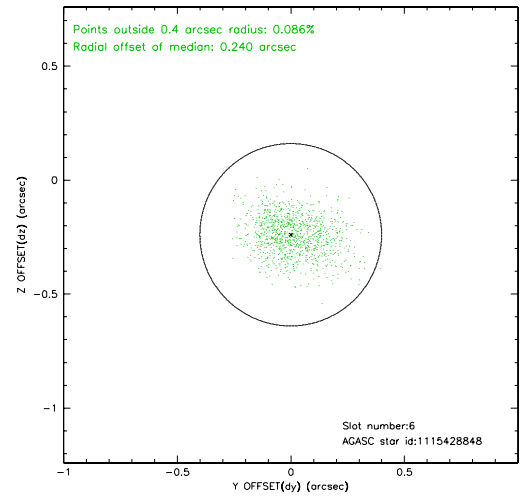
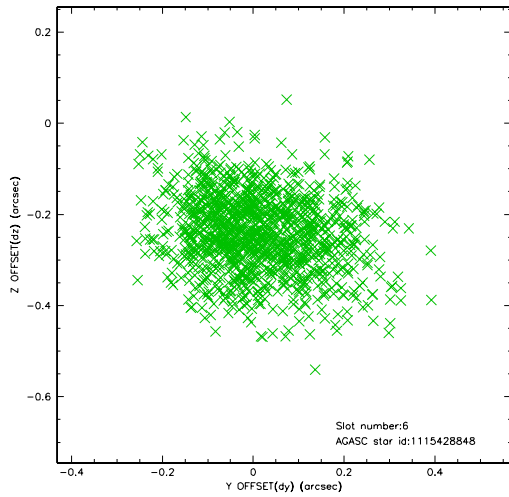
2.4.2 Slot 4



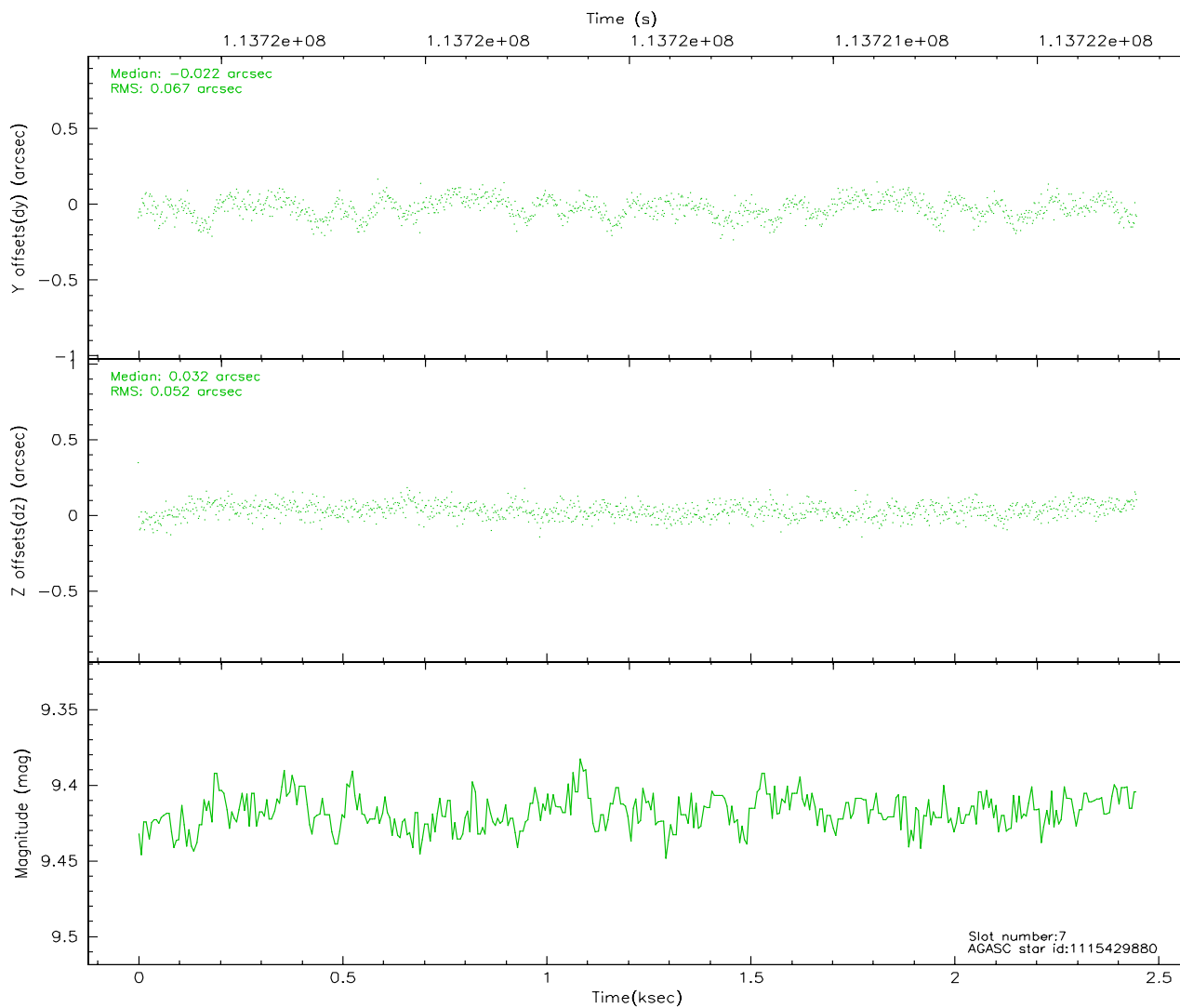
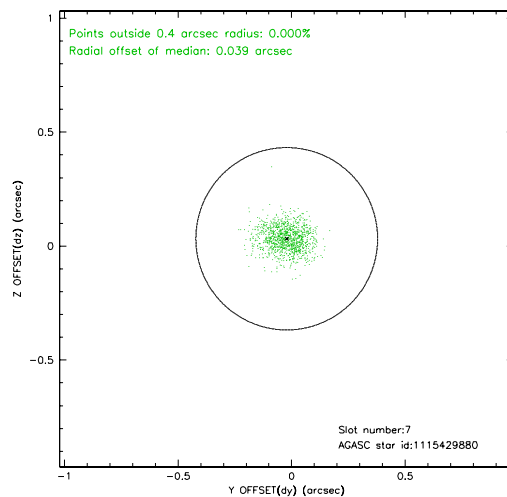
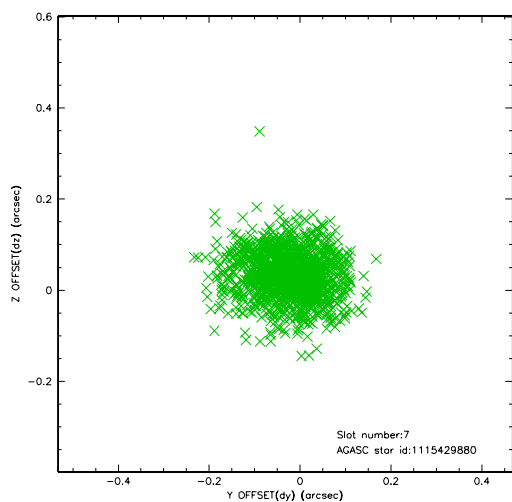
2.4.3 Slot 5



2.4.4 Slot 6

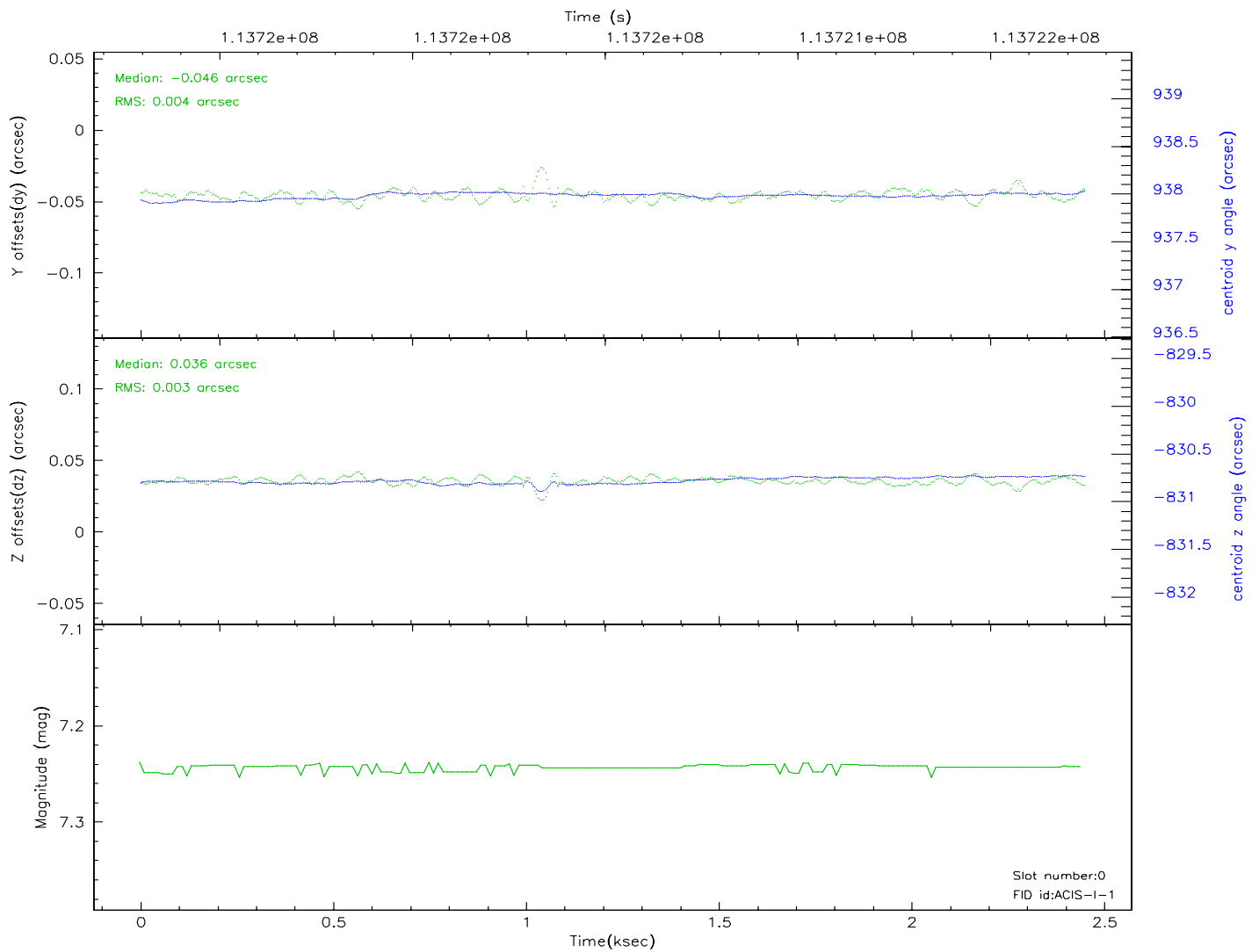
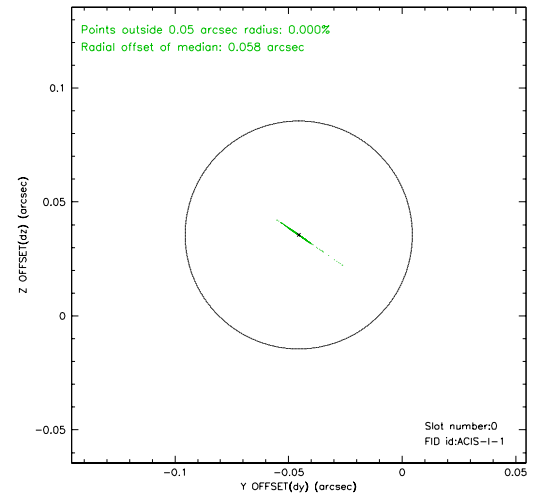
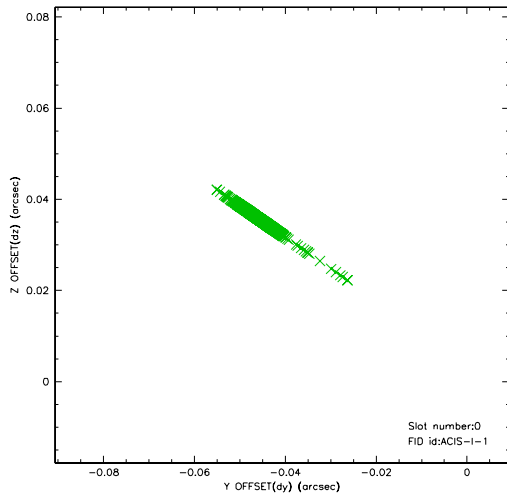


2.4.5 Slot 7

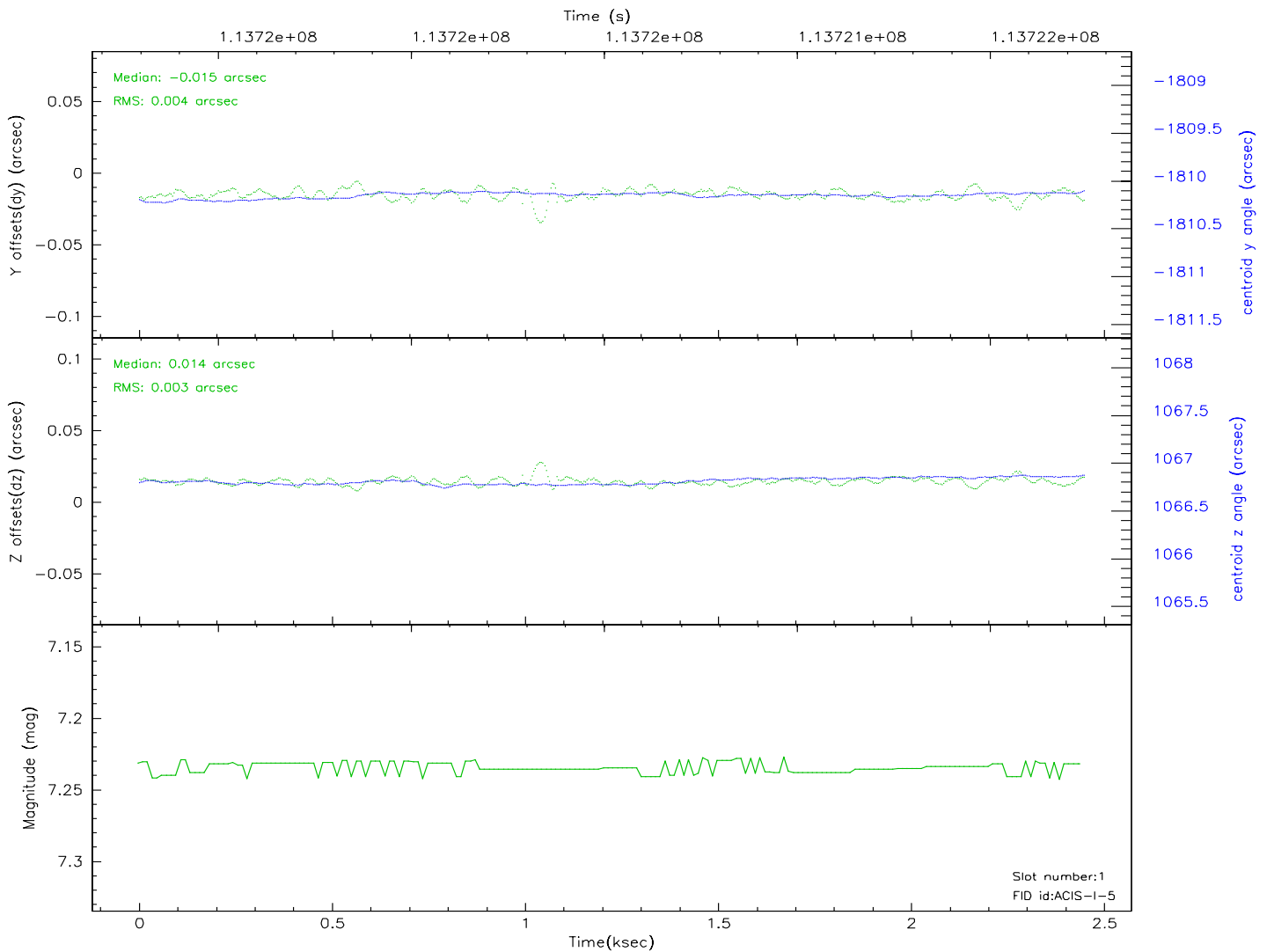
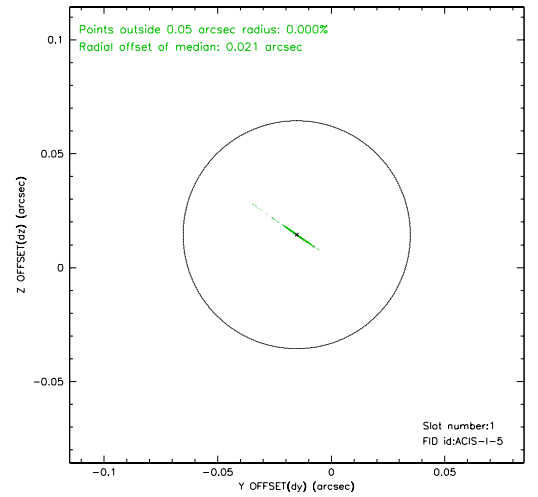
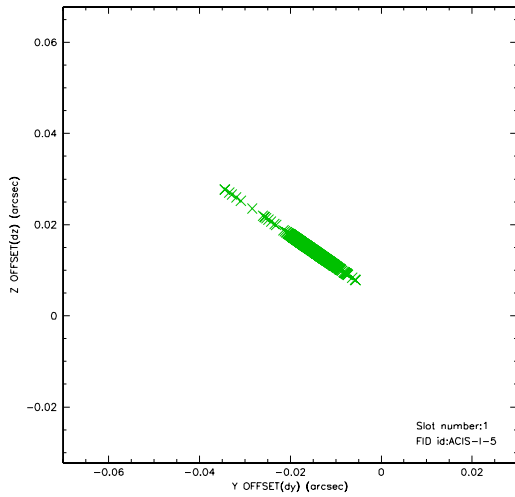


2.5 FID Slots

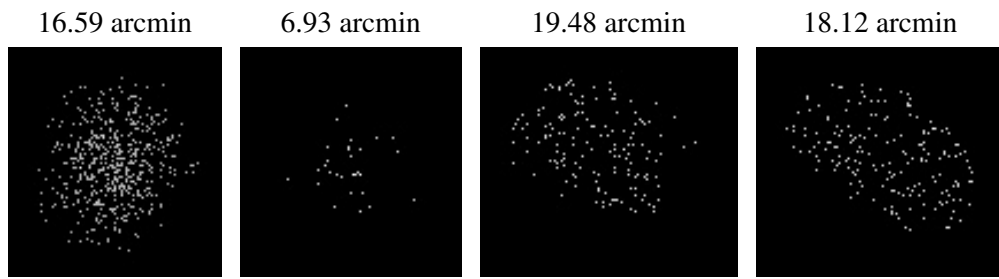
2.5.1 Slot 0



2.5.2 Slot 1



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	2.045

A.2 Comments

The fid light in slot 2 was manually excluded from the processing due to poor data quality.