

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4228 - L2 Version 001
Chandra X-Ray Center

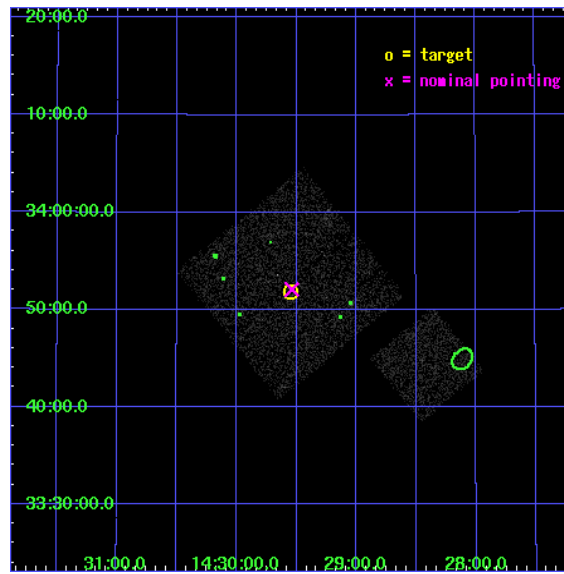
L2 Processing Date : Jul 30 2006

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1 Front

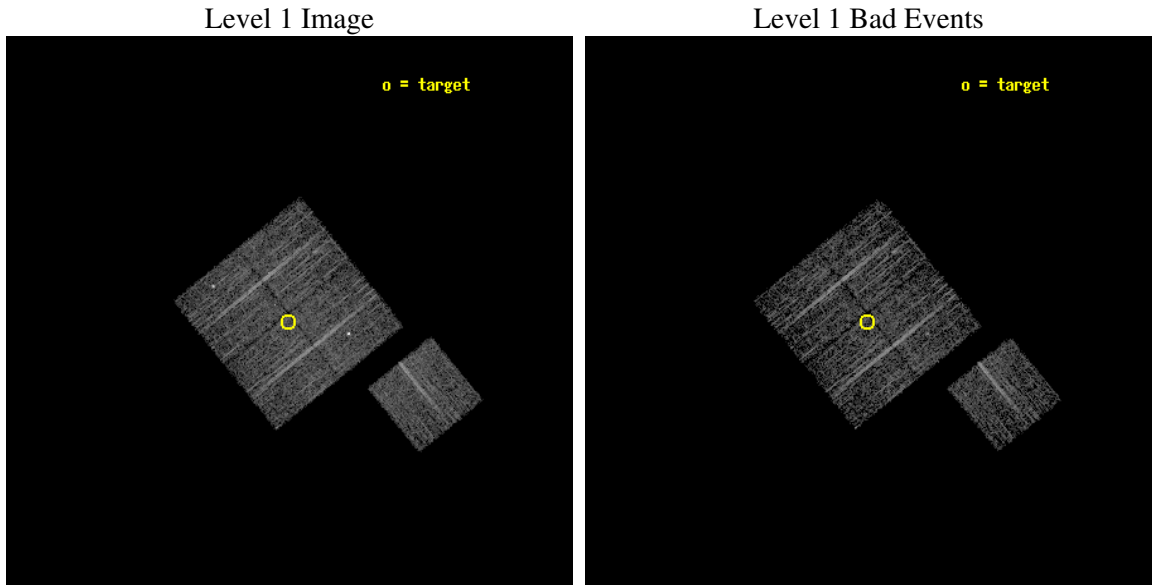
seq_num	900271
obs_id	4228
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS47
dtcycle	0
cycle	P
ra_targ	217.38708
dec_targ	33.864306
ra_nom	217.38442996674
dec_nom	33.868361721756
roll_nom	141.01017765285
revision	2
ontime	4578.6999911964
livetime	4518.8759050215
ontime0	4575.5590209663
ontime1	4578.6999911964
ontime2	4575.5590209663
ontime3	4578.6999911964
ontime6	4578.6999911964
l2events	13234



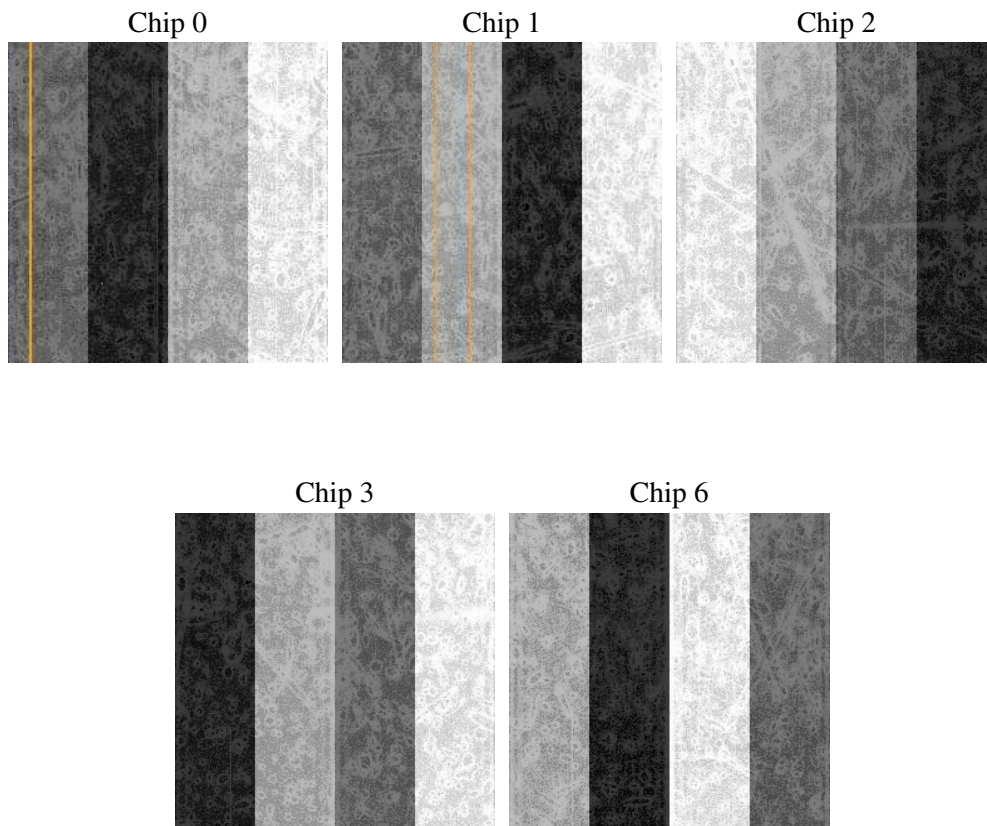
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-30T07:48:49
revision	2

sched_exp_time	4800.000000
ontime	4582.7258733511
ontime0	4579.584903121
ontime1	4582.7258733511
ontime2	4579.5848831832
ontime3	4582.7258733511
ontime6	4582.7258733511
l1events	120084

2.1.4 Events

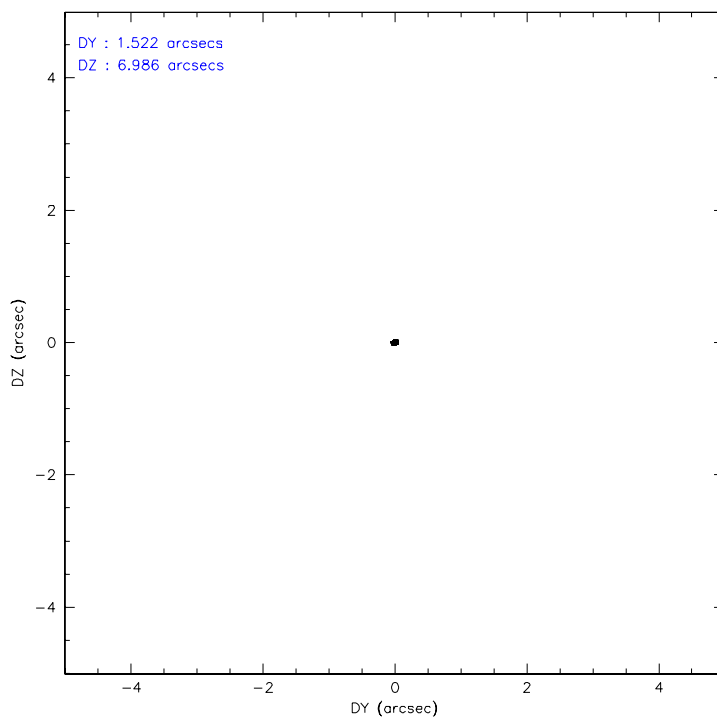
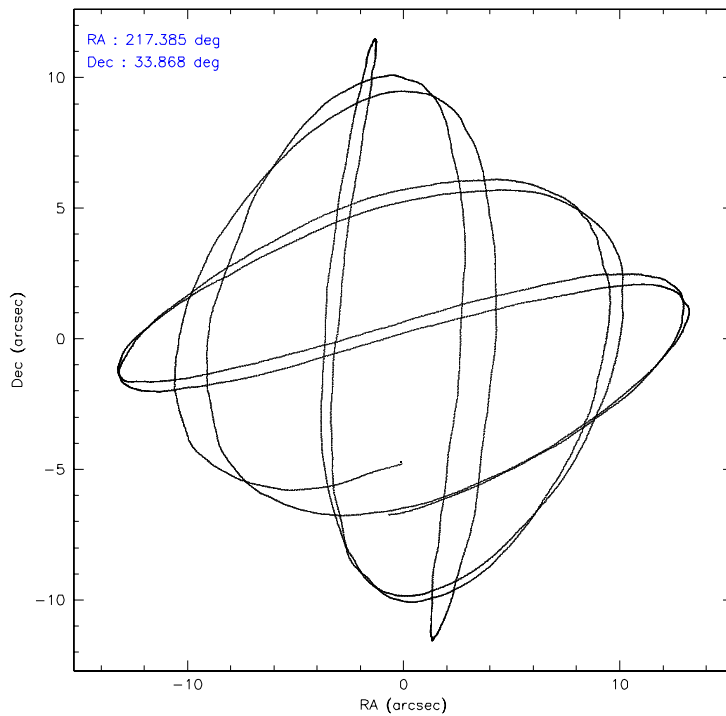
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23684	22778	25945	24000	23677
rejected events	20861	19461	21745	21526	20981
rejected %	88%	85%	83%	89%	88%

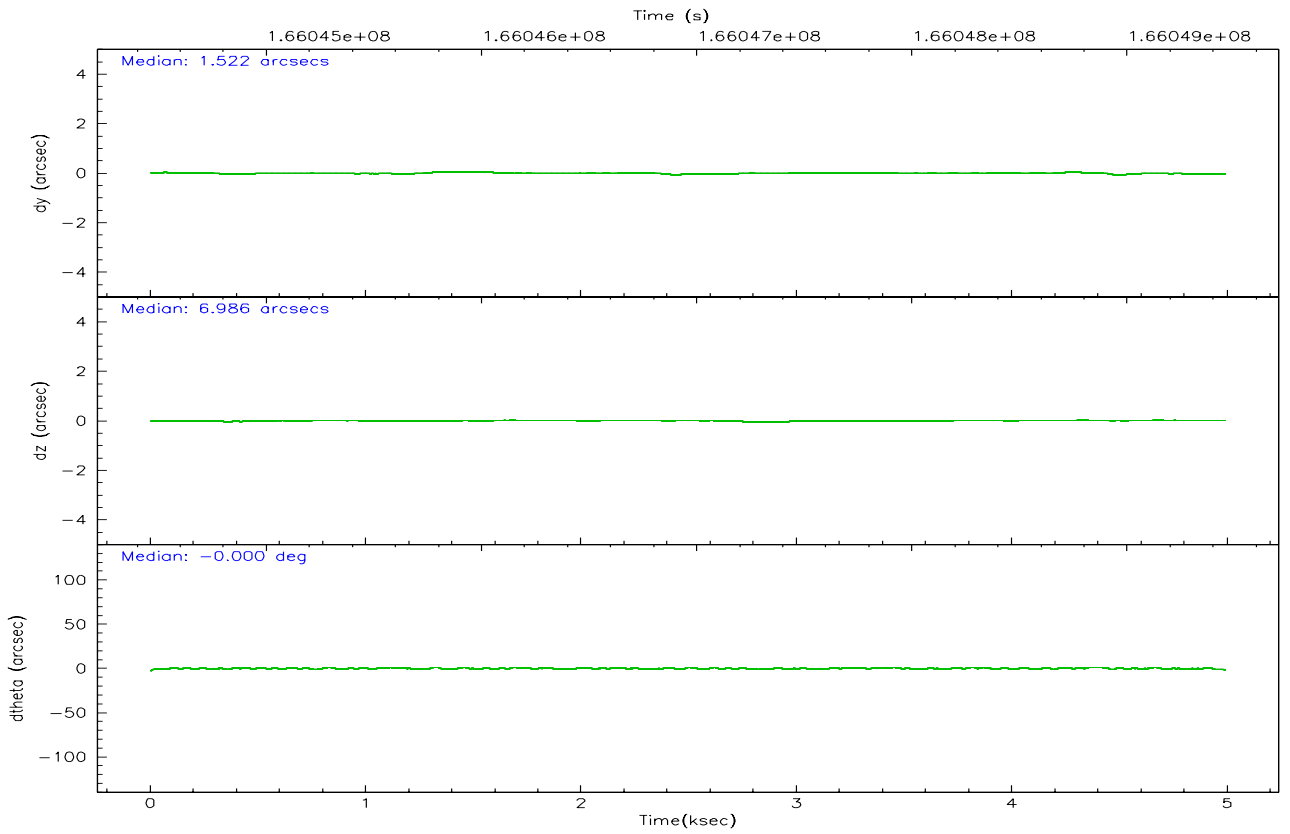
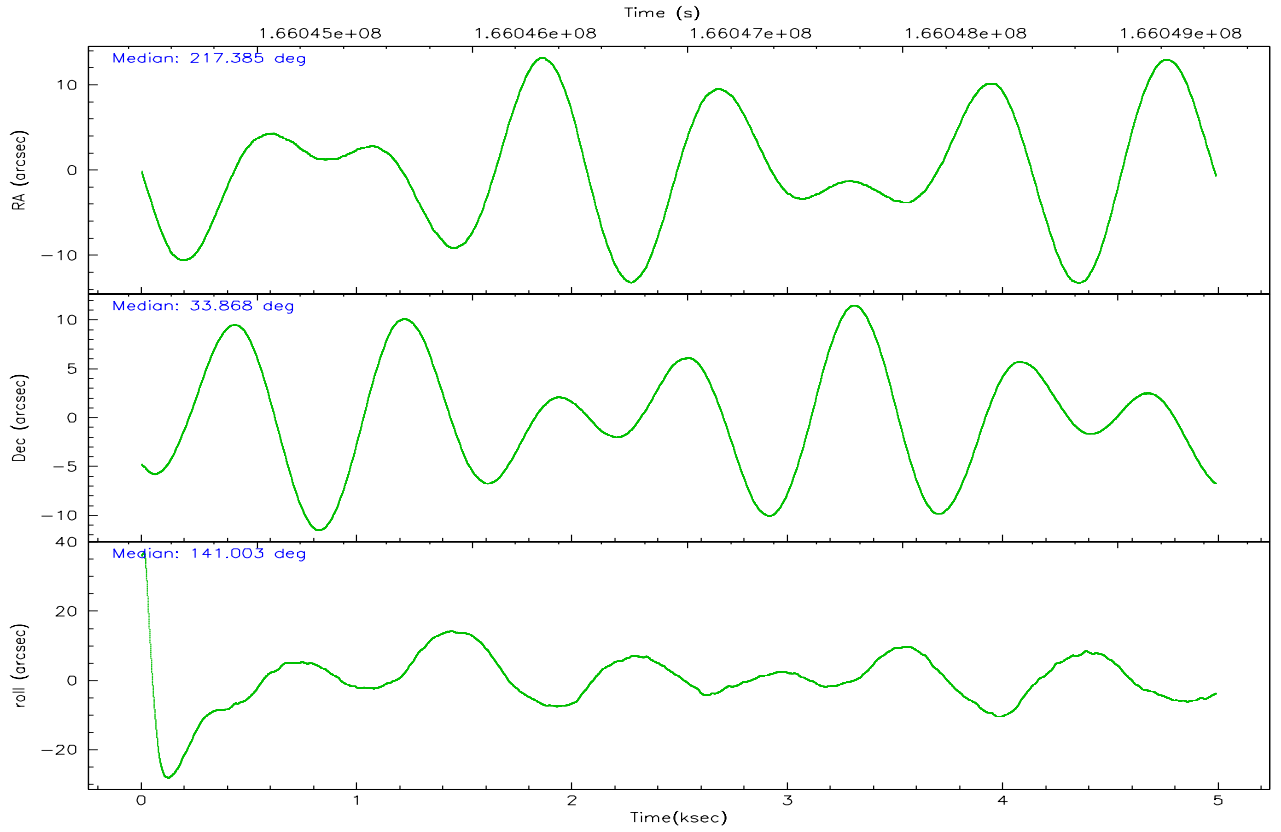
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	1231	1557	2524	975	1092
	5%	6%	9%	4%	4%
grade 1 events	14	13	46	15	5
	0%	0%	0%	0%	0%
grade 2 events	569	603	651	497	524
	2%	2%	2%	2%	2%
grade 3 events	262	318	324	280	286
	1%	1%	1%	1%	1%
grade 4 events	264	307	307	268	268
	1%	1%	1%	1%	1%
grade 5 events	683	743	639	814	772
	2%	3%	2%	3%	3%
grade 6 events	497	534	396	455	527
	2%	2%	1%	1%	2%
grade 7 events	20164	18703	21058	20696	20203
	85%	82%	81%	86%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	217.417046	217.3844299667428	Alternating exposures requested	N	N
Pointing Dec	33.864224	33.86836172175566	Primary exposure time	0.000000	3.1
Pointing Roll	140.783302	141.0101776528455			
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	166044655.184000	166044279.47752			
Observation start date	2003-04-06T19:29:51	2003-04-06T19:24:39			
Observation end time	166049455.184000	166049589.49025			
Observation end date	2003-04-06T20:49:51	2003-04-06T20:53:09			
Read mode	TIMED	TIMED			

2.3 Aspect



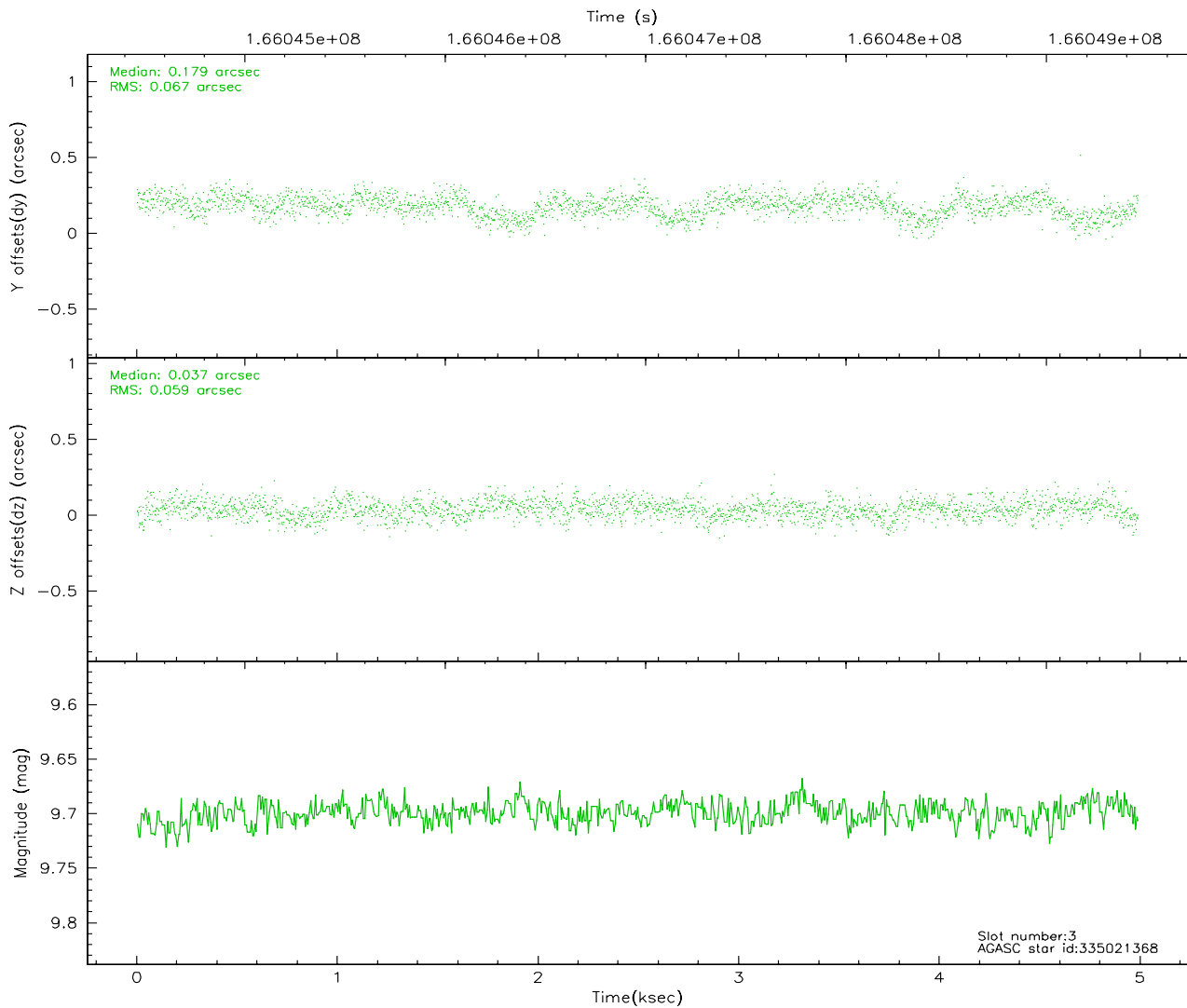
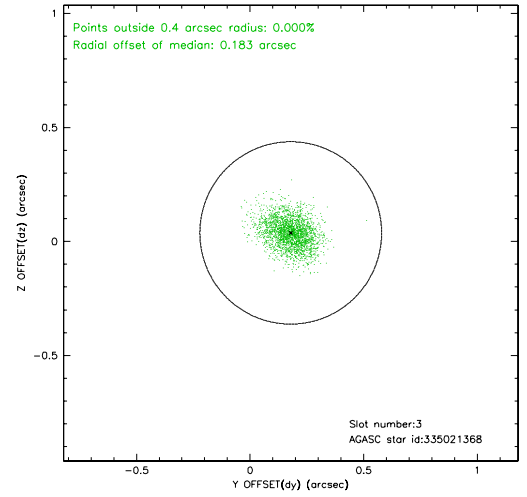
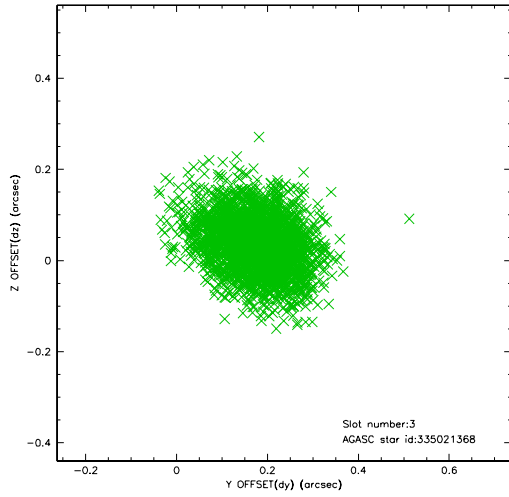


Slot Statistics

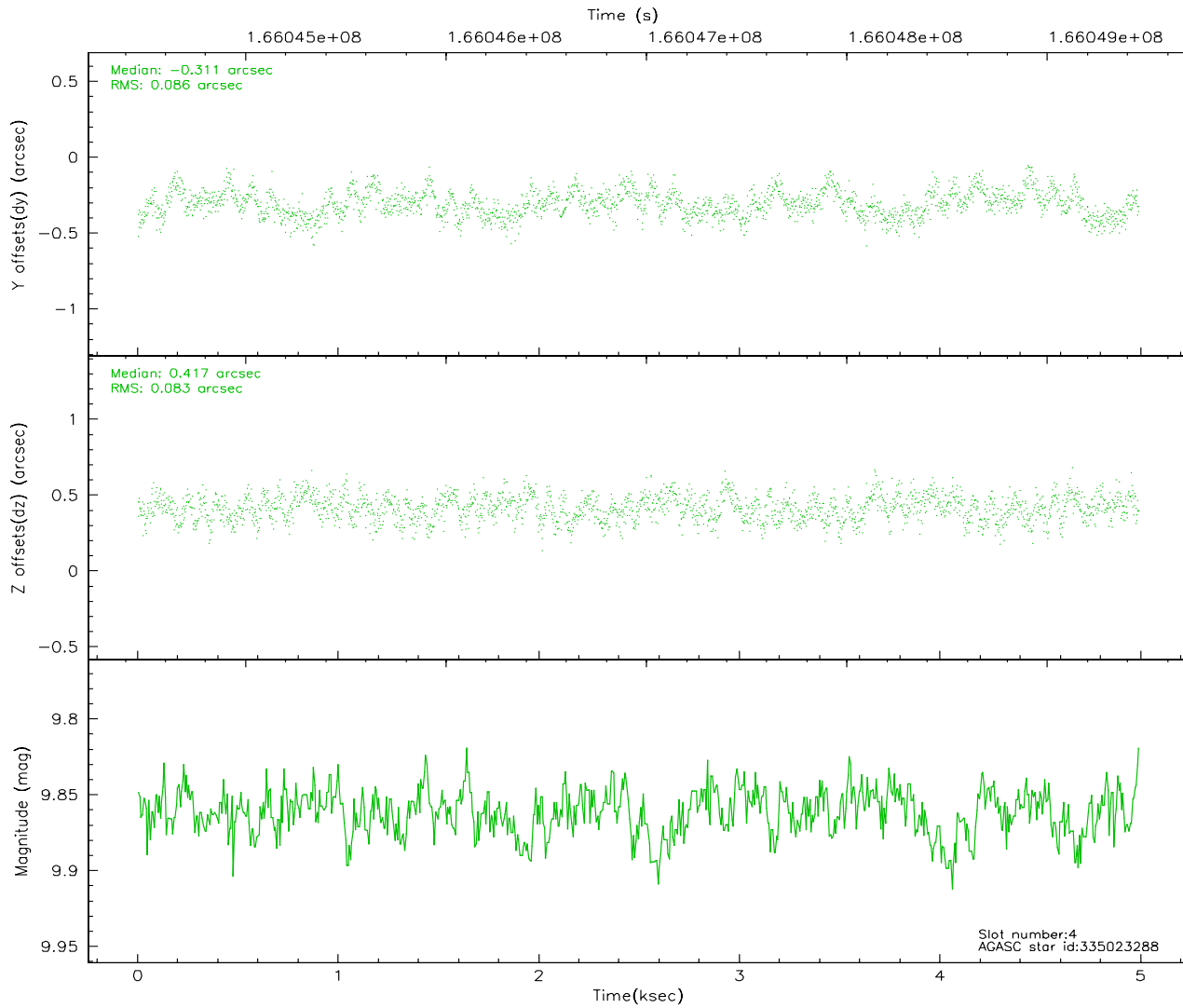
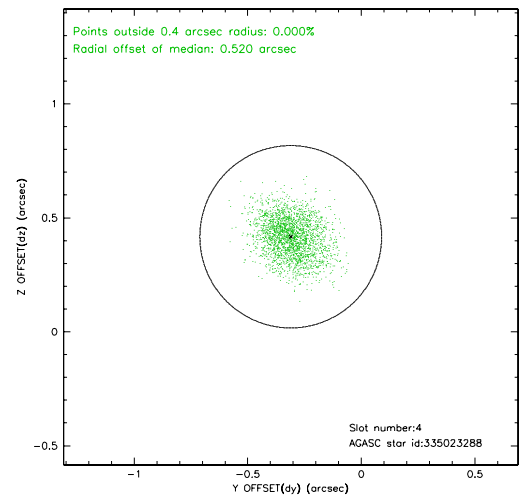
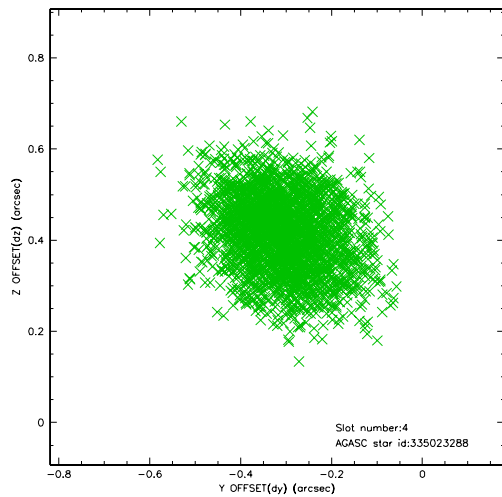
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1217	-0.011	0.038	0.006	0.010	0.000000	0.000000	938.28	-830.36
1	FID	ACIS-I-5	7.24	1217	-0.047	0.045	0.006	0.010	0.000000	0.000000	-1809.13	1066.60
2	FID	ACIS-I-6	7.26	1217	-0.033	-0.013	0.006	0.011	0.000000	0.000000	402.55	1712.37
3	GUIDE	335021368	9.70	2432	0.179	0.037	0.096	0.155	217.529643	33.934817	-99.16	-409.50
4	GUIDE	335023288	9.86	2429	-0.311	0.417	0.128	0.205	217.791365	34.425735	418.50	-2270.04
5	GUIDE	335025848	9.72	2434	-0.002	-0.403	0.088	0.143	217.530531	33.778292	-458.02	23.58
6	GUIDE	335028336	9.49	2364	0.136	0.029	0.126	0.198	217.189840	34.665629	2346.22	-1810.18
7	GUIDE	335028696	9.16	2432	-0.001	-0.075	0.095	0.168	217.260519	33.844112	318.35	351.09

2.4 Star Slots

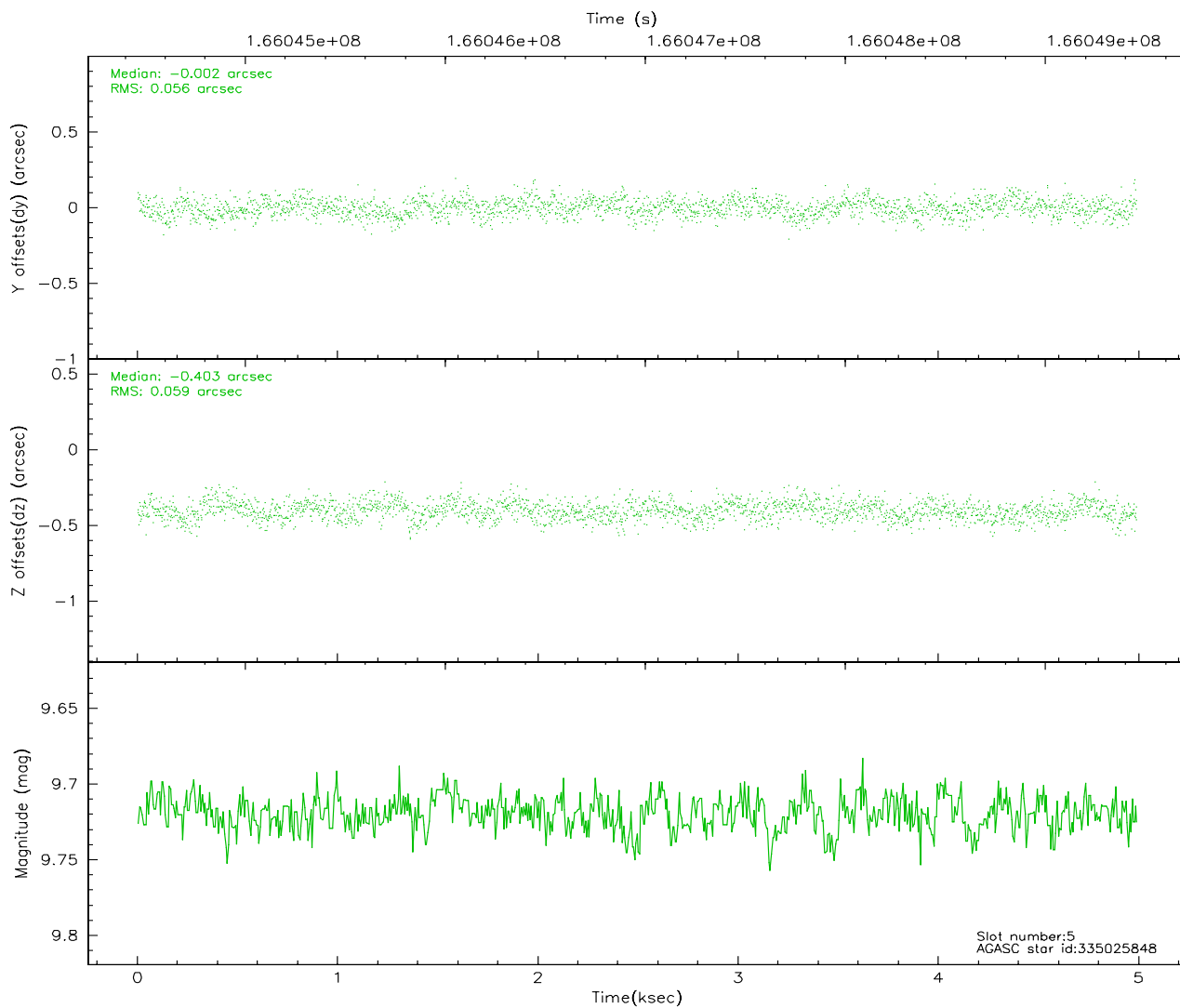
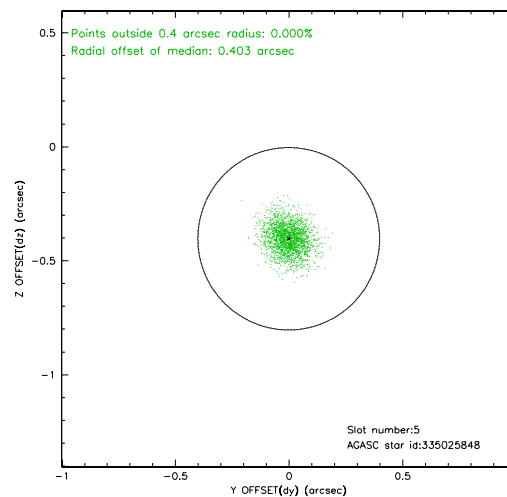
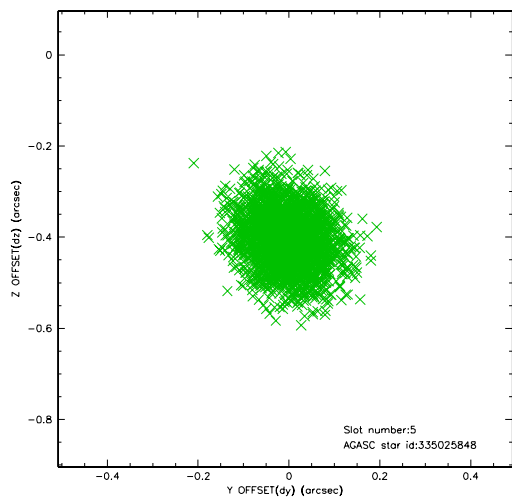
2.4.1 Slot 3



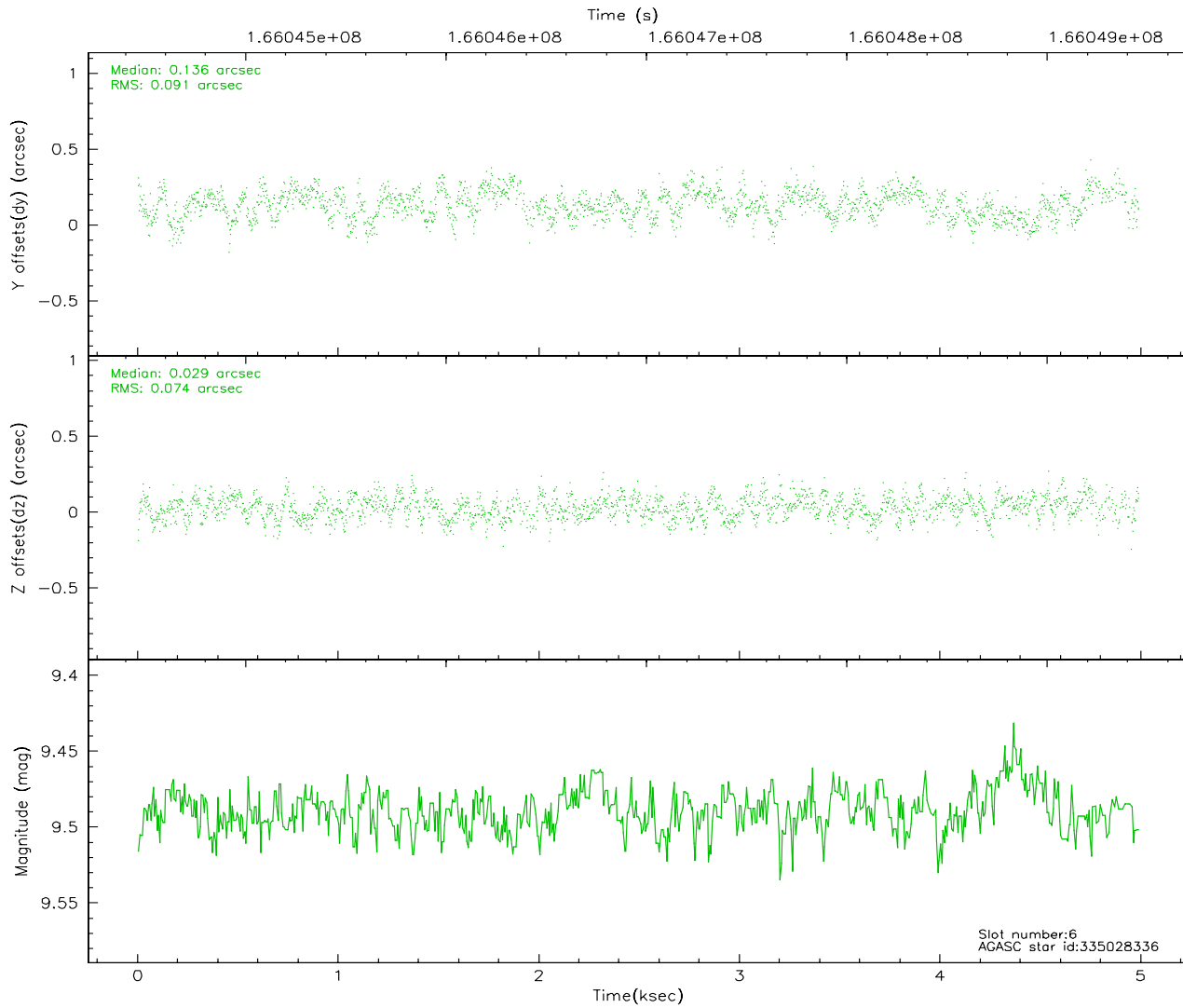
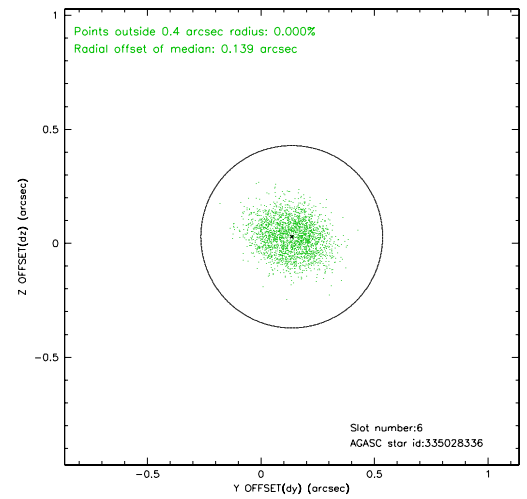
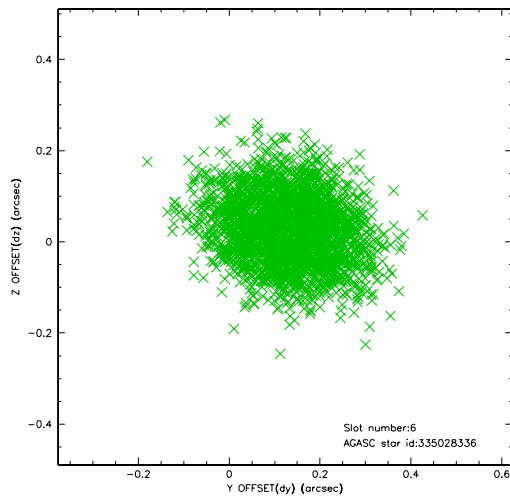
2.4.2 Slot 4



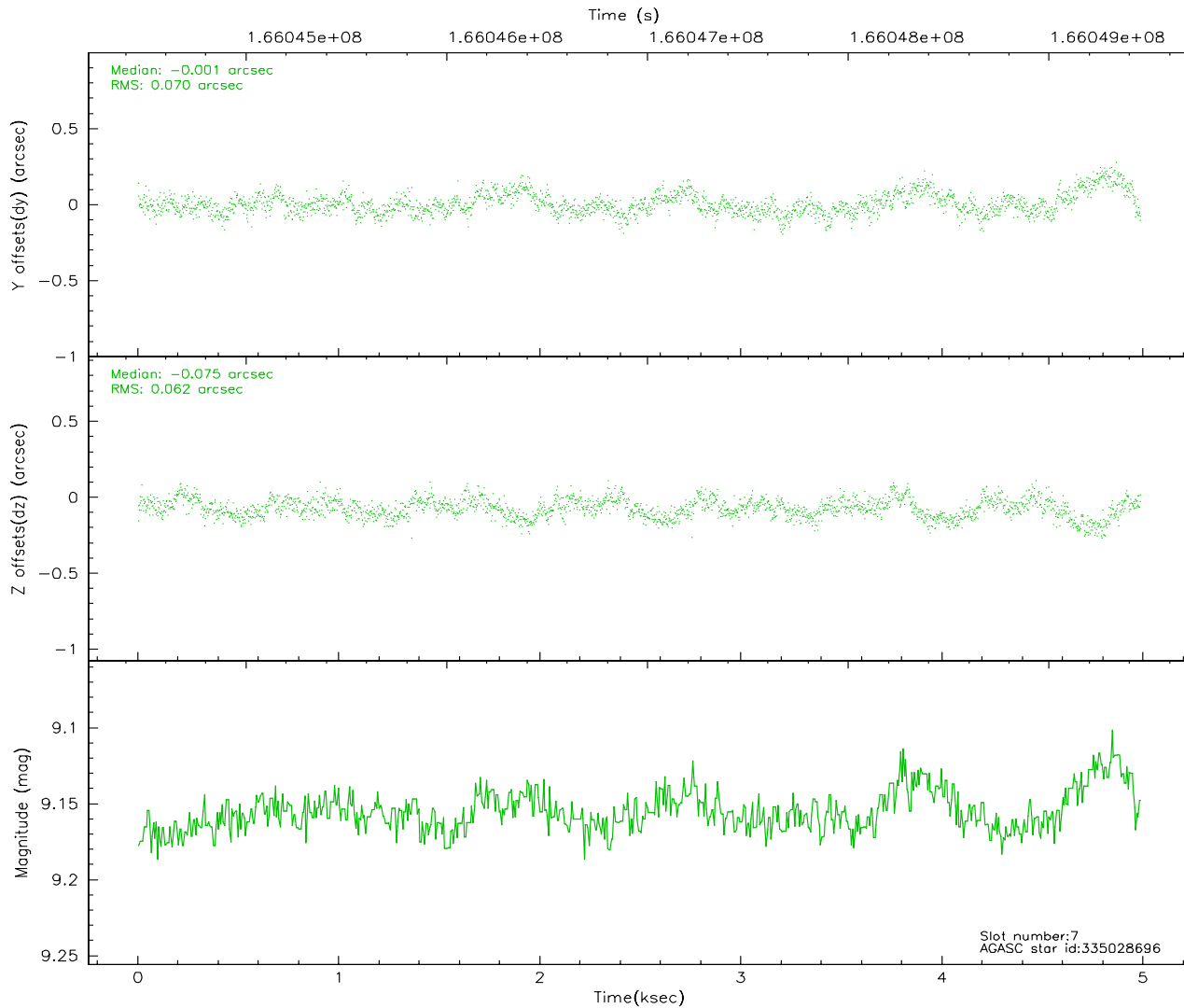
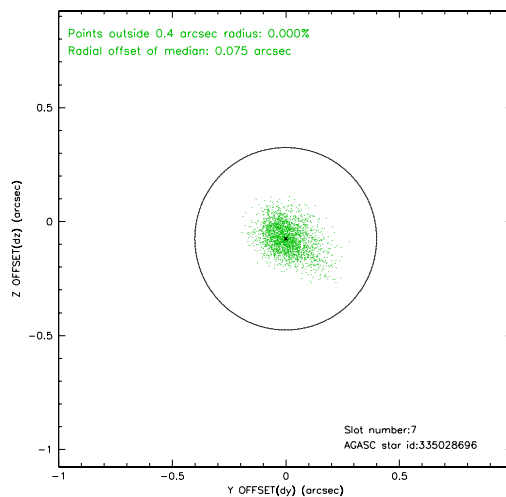
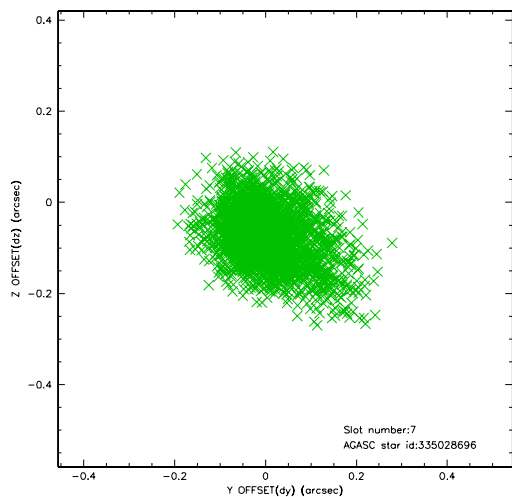
2.4.3 Slot 5



2.4.4 Slot 6

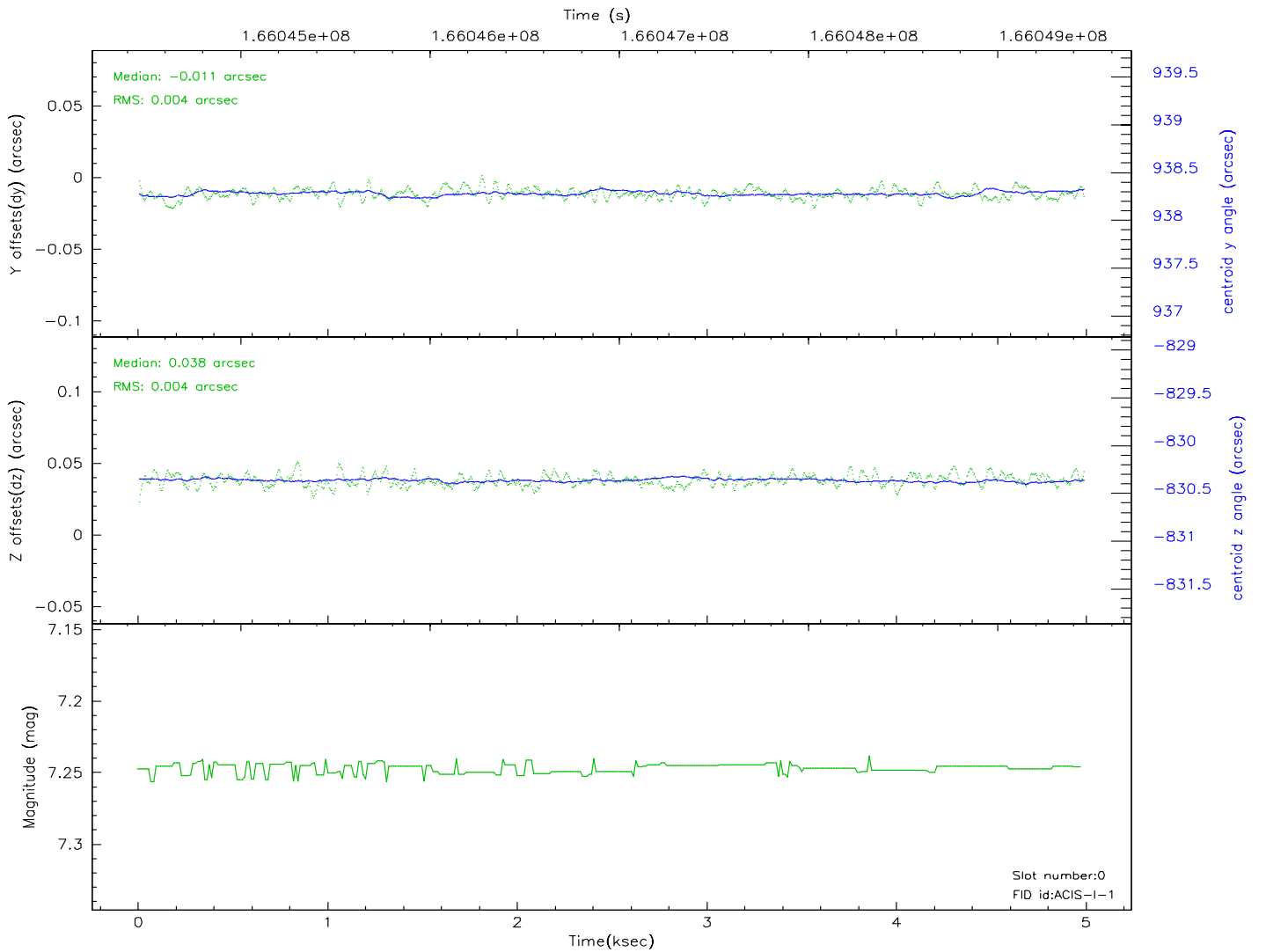
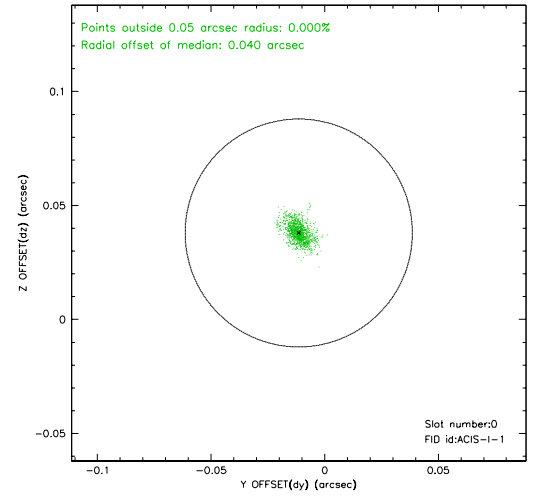
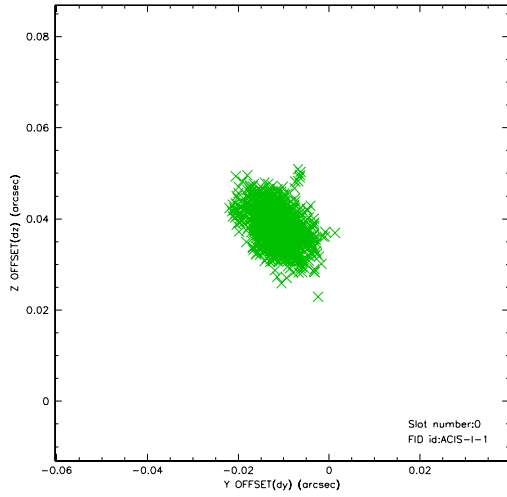


2.4.5 Slot 7

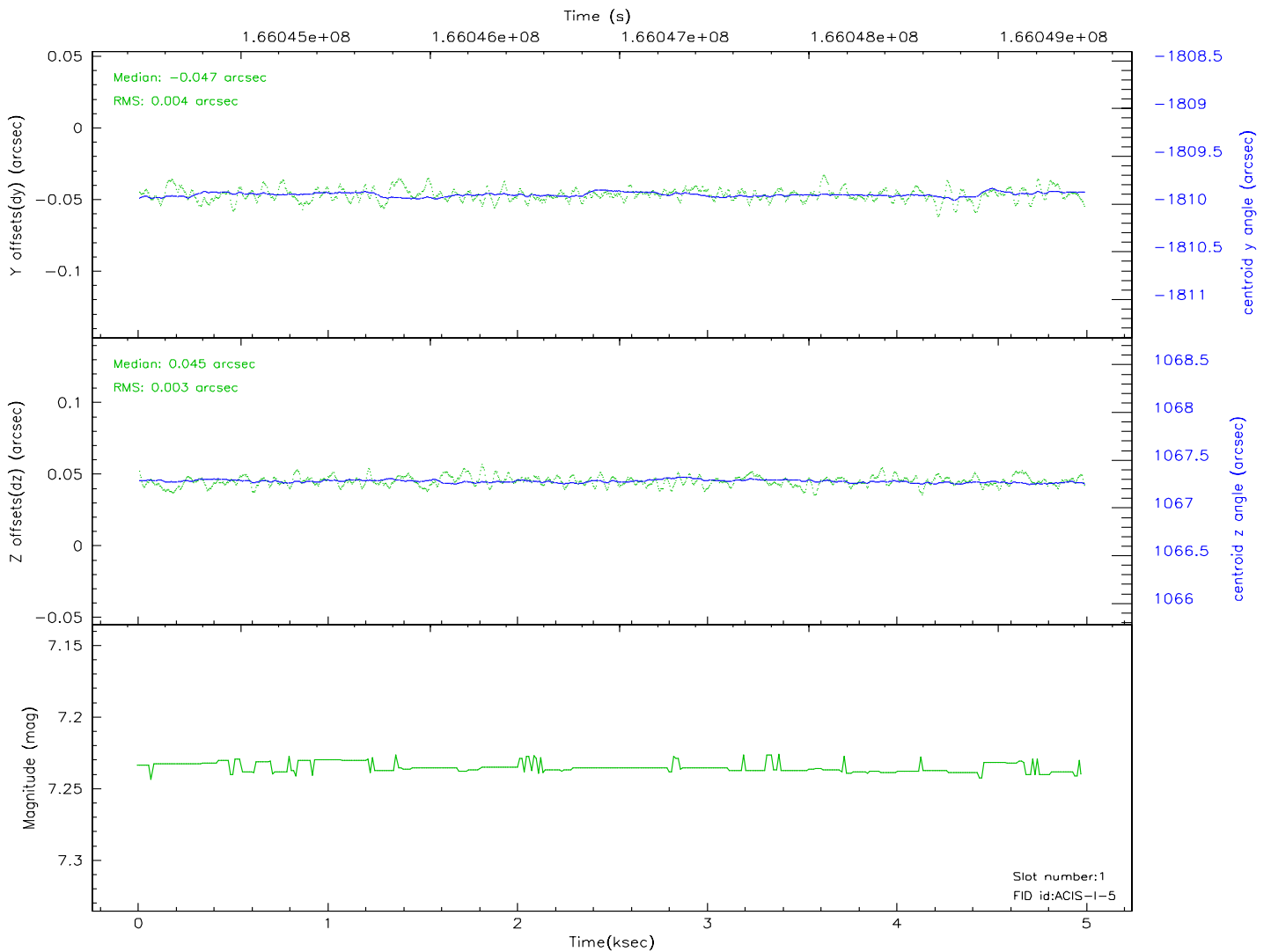
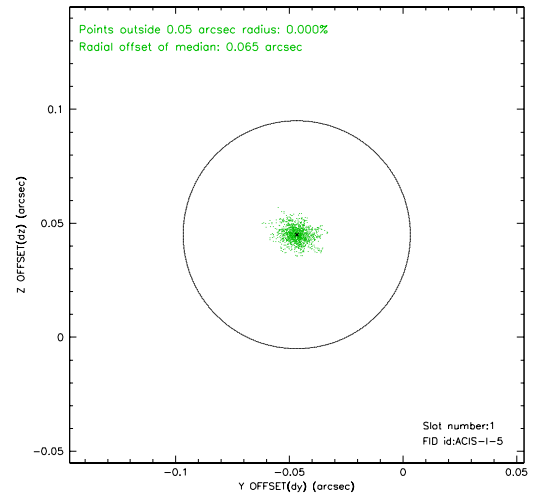
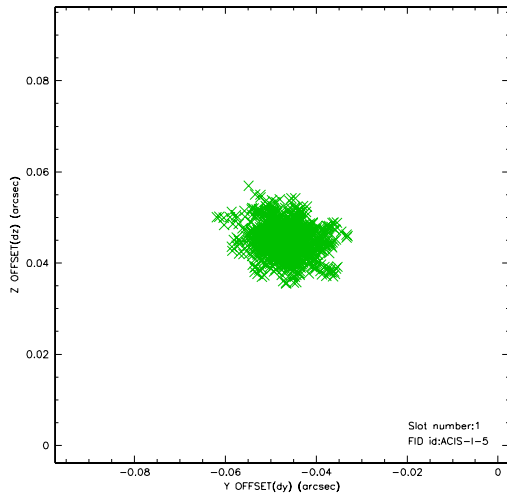


2.5 FID Slots

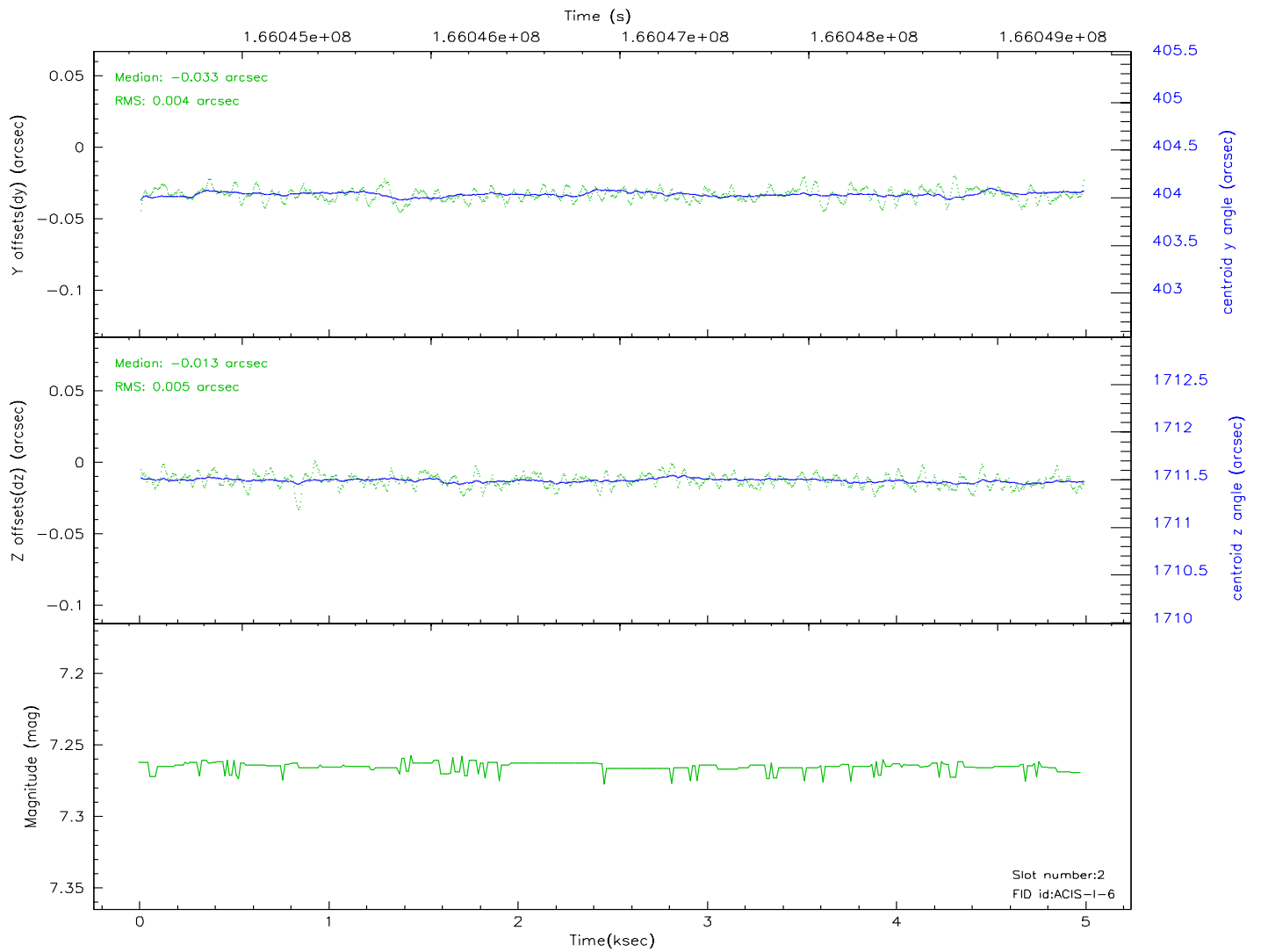
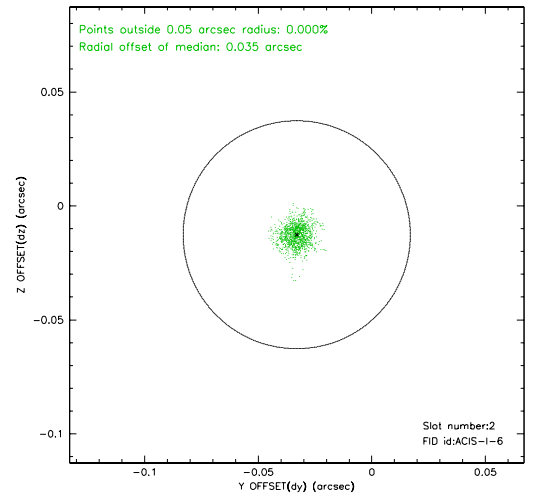
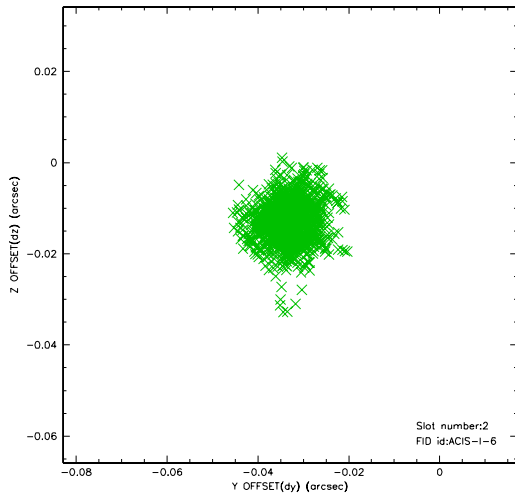
2.5.1 Slot 0



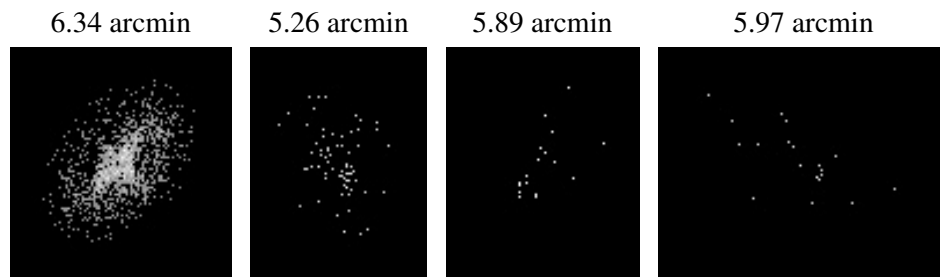
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.572

A.2 Comments