

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4258 - L2 Version 001
Chandra X-Ray Center

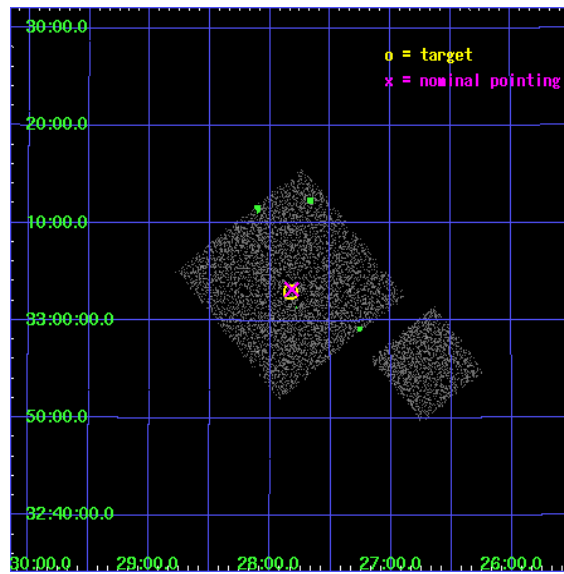
L2 Processing Date : Jul 29 2006

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1 Front

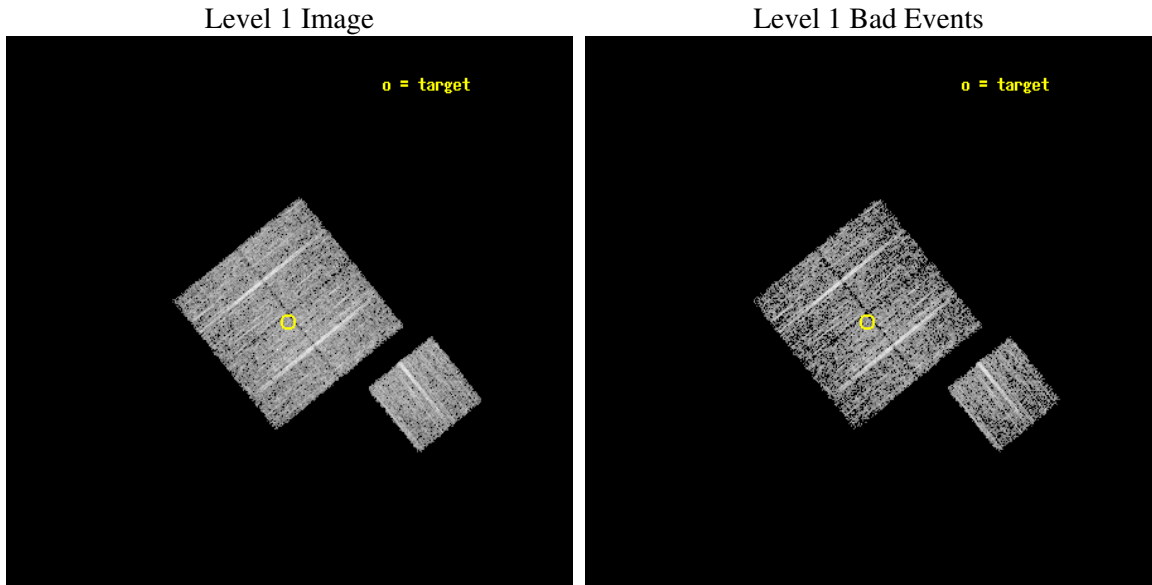
seq_num	900301
obs_id	4258
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS9
dtcycle	0
cycle	P
ra_targ	216.957163
dec_targ	33.04953
ra_nom	216.95458149014
dec_nom	33.053596448181
roll_nom	141.01003473972
revision	2
ontime	4674.7999910116
livetime	4613.7202875914
ontime0	4674.7999910116
ontime1	4674.7999910116
ontime2	4671.6590107977
ontime3	4674.7999910116
ontime6	4674.7999910116
l2events	9389



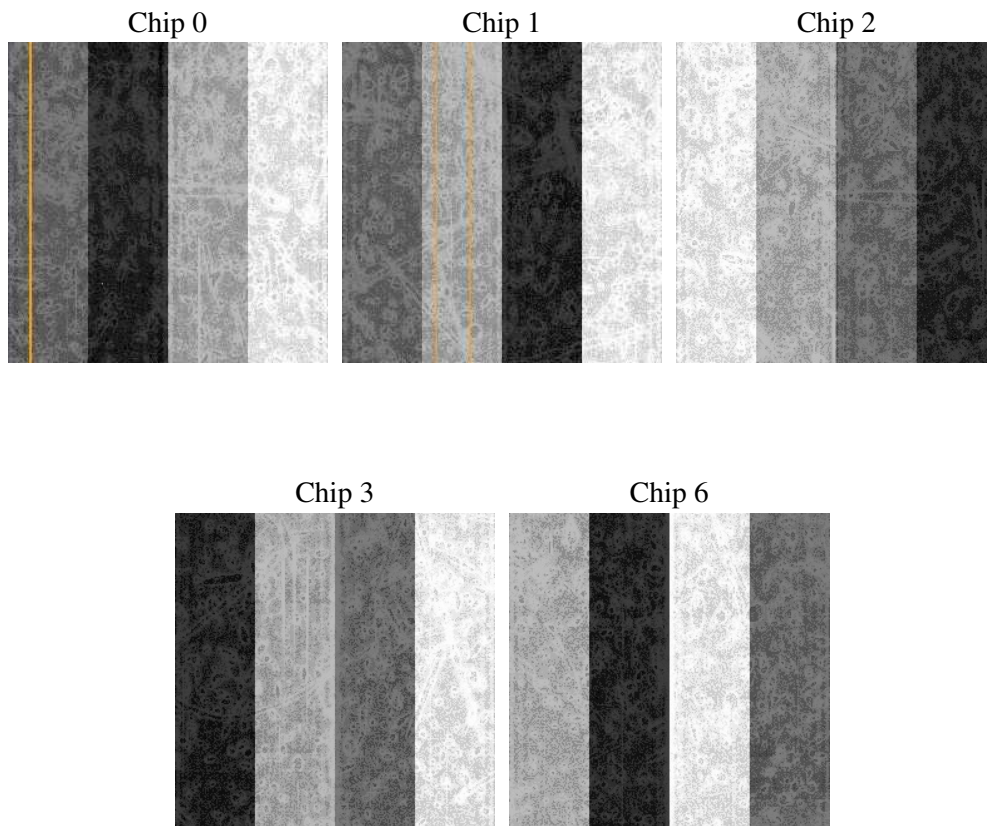
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-29T18:33:18
revision	2

sched_exp_time	4900.000000
ontime	4676.968057096
ontime0	4676.968057096
ontime1	4676.9680969715
ontime2	4673.8271167576
ontime3	4676.968057096
ontime6	4676.9680969715
l1events	118762

2.1.4 Events

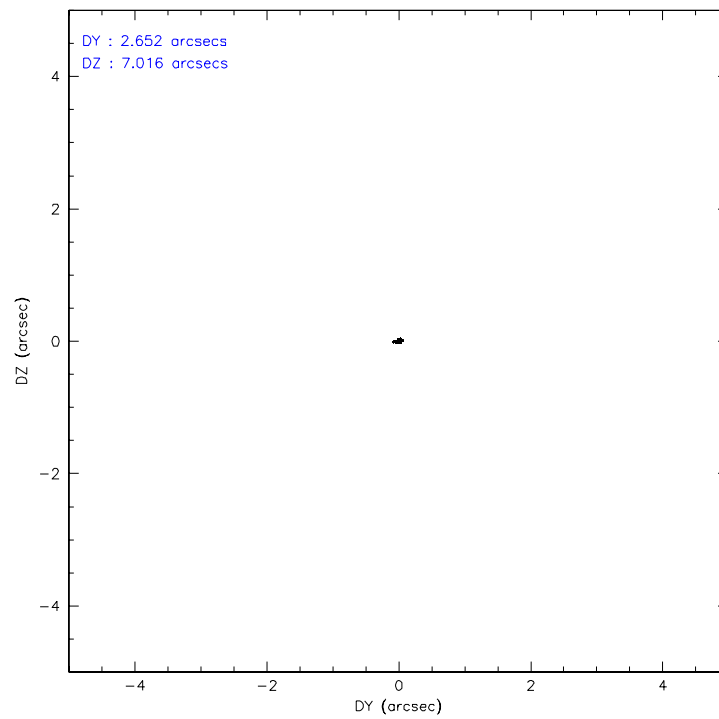
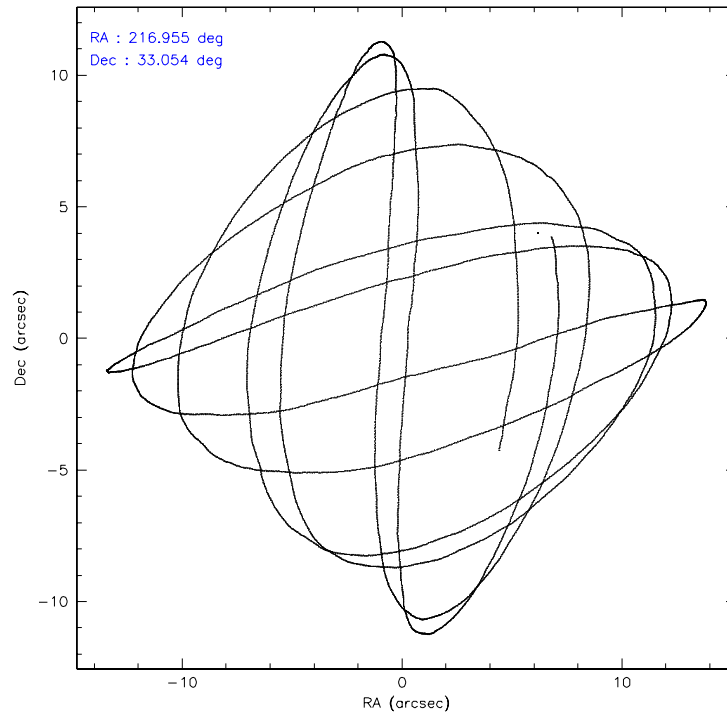
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21993	23359	24995	23670	24745
rejected events	19655	21003	22679	21477	22462
rejected %	89%	89%	90%	90%	90%

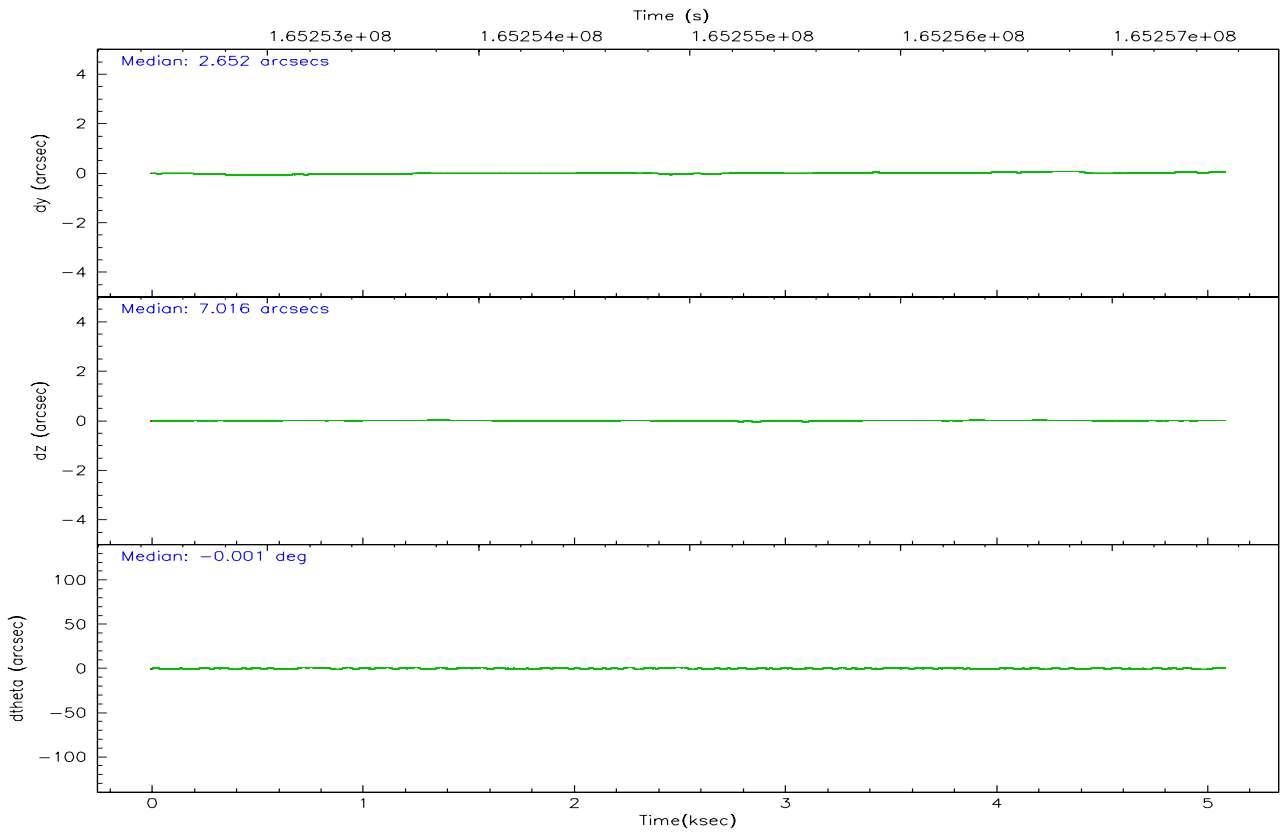
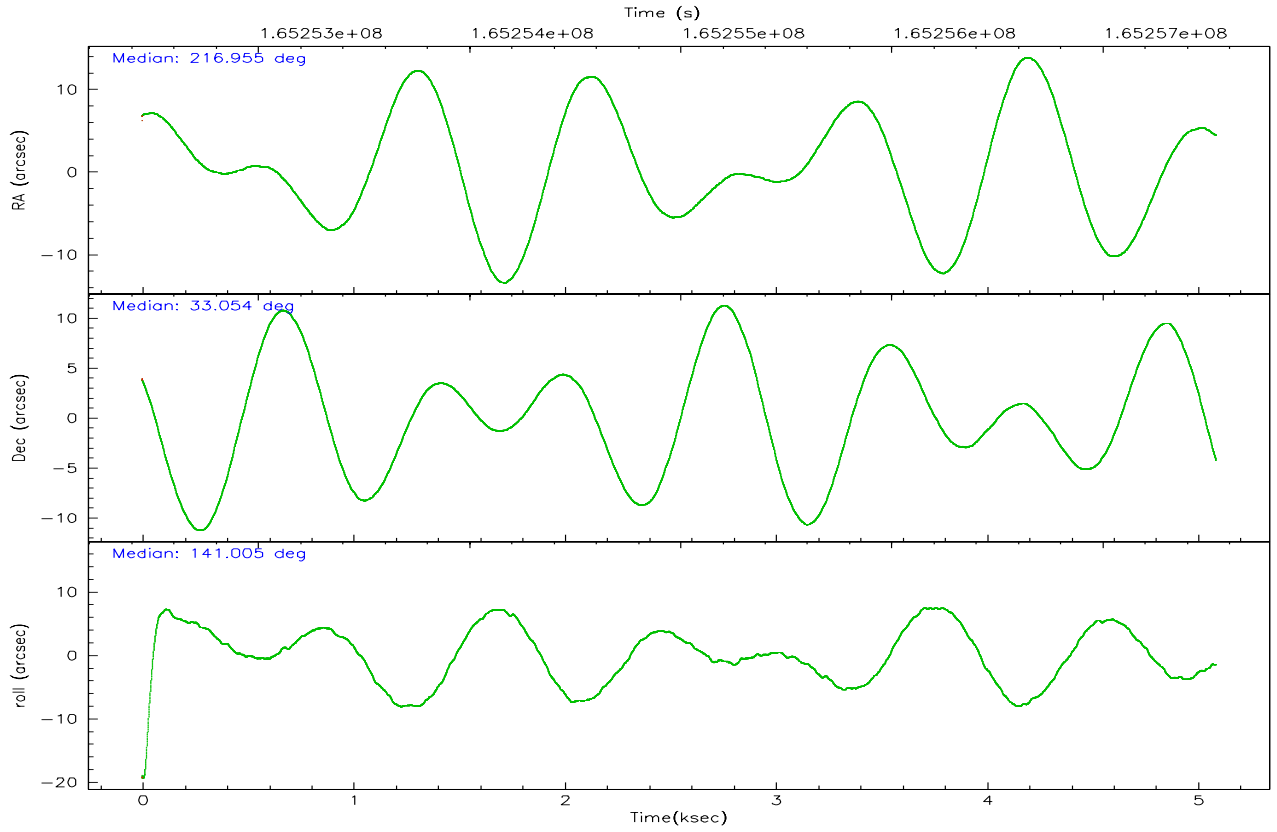
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	873	773	876	871	807
	3%	3%	3%	3%	3%
grade 1 events	11	16	8	12	11
	0%	0%	0%	0%	0%
grade 2 events	516	516	531	452	486
	2%	2%	2%	1%	1%
grade 3 events	300	307	265	256	259
	1%	1%	1%	1%	1%
grade 4 events	249	289	274	234	254
	1%	1%	1%	0%	1%
grade 5 events	680	731	599	803	775
	3%	3%	2%	3%	3%
grade 6 events	400	473	372	380	479
	1%	2%	1%	1%	1%
grade 7 events	18964	20254	22070	20662	21674
	86%	86%	88%	87%	87%

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	216.986852	216.9545814901406	Alternating exposures requested	N	N
Pointing Dec	33.049445	33.05359644818066	Primary exposure time	0.000000	3.1
Pointing Roll	140.783805	141.010034739717			
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	165252630.184000	165252254.76911			
Observation start date	2003-03-28T15:29:26	2003-03-28T15:24:14			
Observation end time	165257530.184000	165257664.71934			
Observation end date	2003-03-28T16:51:06	2003-03-28T16:54:24			
Read mode	TIMED	TIMED			

2.3 Aspect



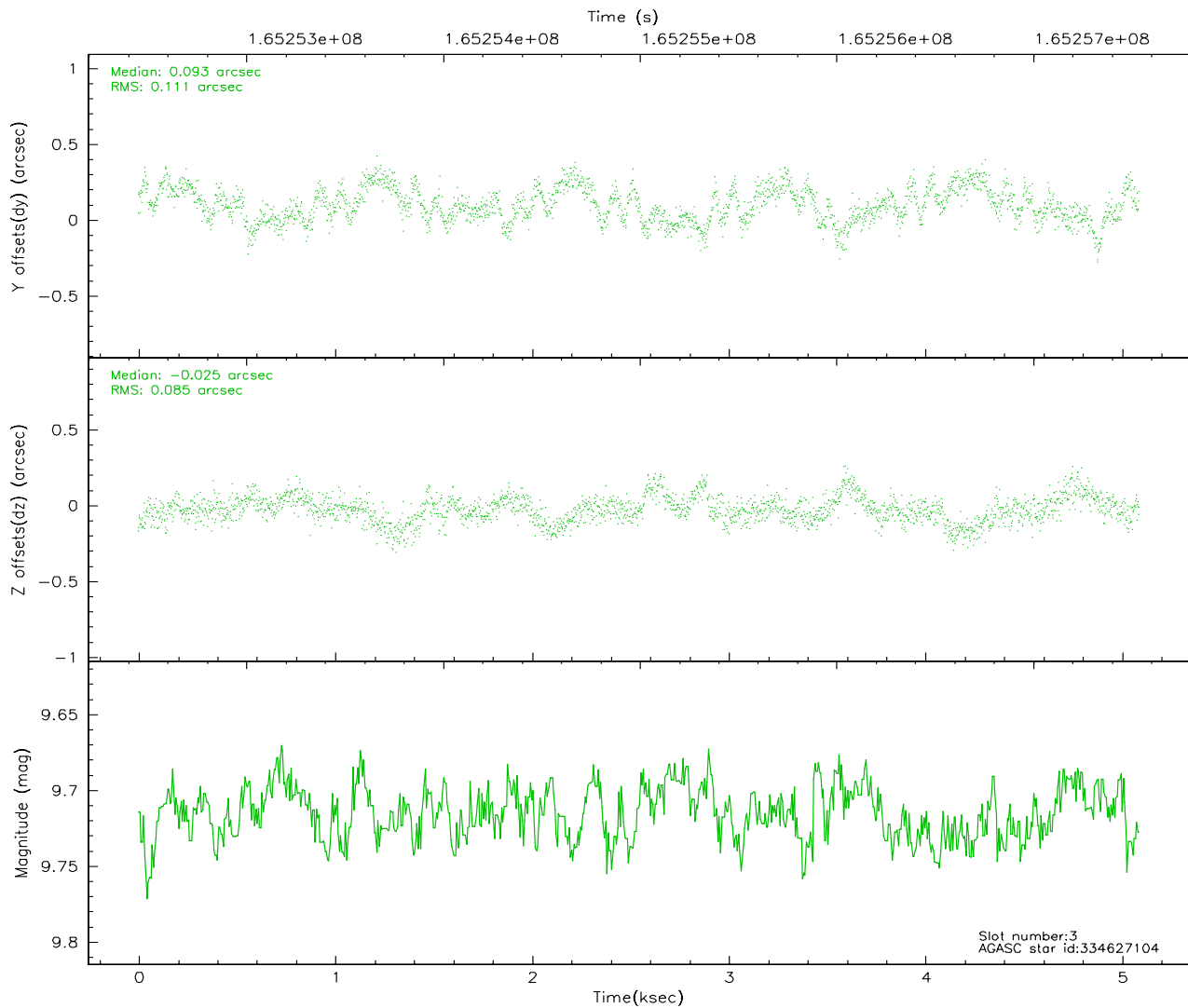
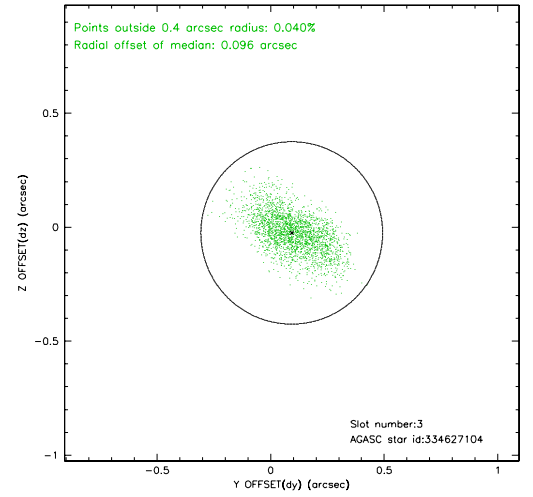
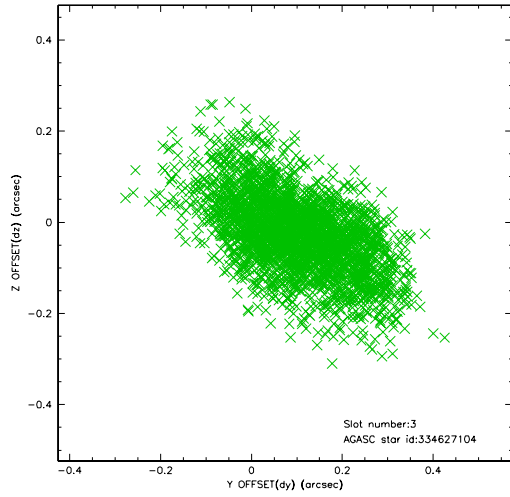


Slot Statistics

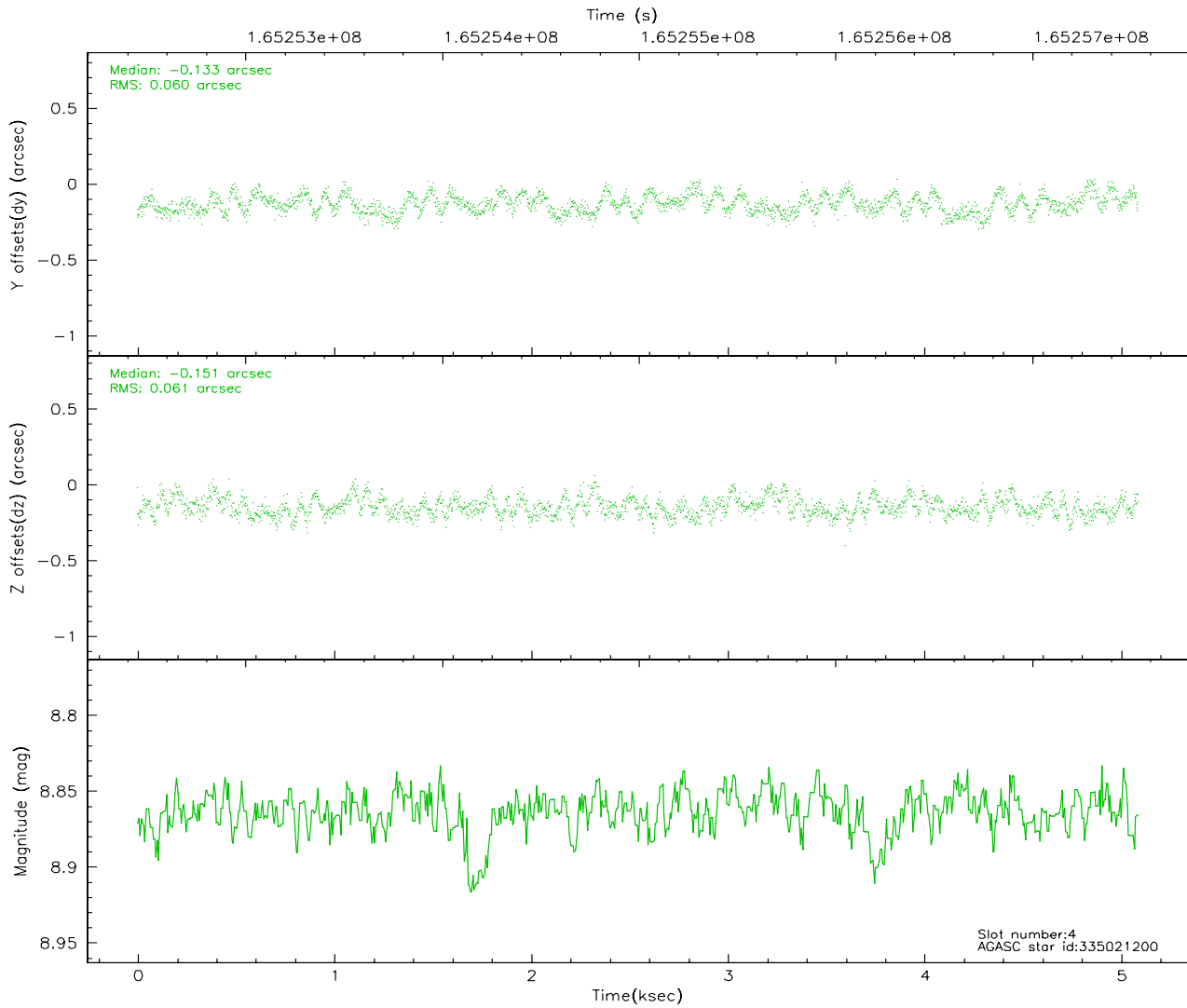
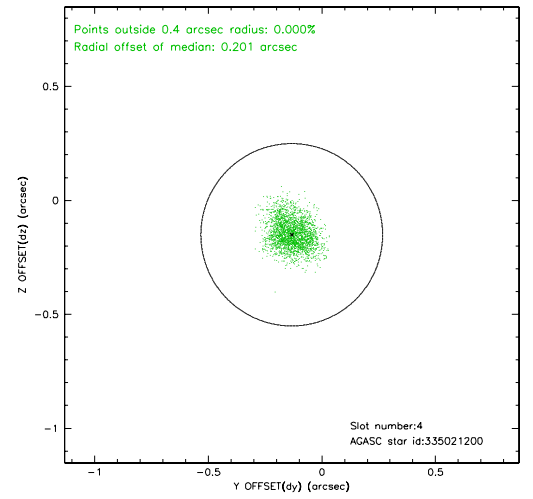
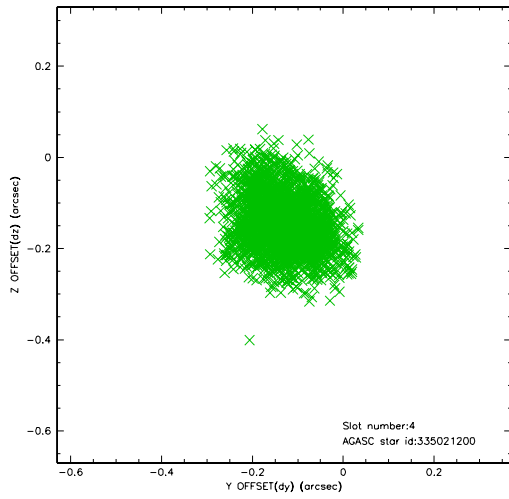
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1242	-0.007	0.032	0.005	0.009	0.000000	0.000000	937.13	-830.39
1	FID	ACIS-I-5	7.24	1242	-0.049	0.049	0.006	0.010	0.000000	0.000000	-1810.32	1066.57
2	FID	ACIS-I-6	7.26	1242	-0.036	-0.011	0.006	0.011	0.000000	0.000000	401.40	1712.33
3	GUIDE	334627104	9.71	2483	0.093	-0.025	0.148	0.248	217.006799	32.294654	-1765.01	2066.90
4	GUIDE	335021200	8.86	2483	-0.133	-0.151	0.091	0.146	216.377257	32.627867	475.02	2341.25
5	GUIDE	335028240	9.16	2481	0.099	0.029	0.071	0.119	216.746851	33.385009	1323.91	-479.13
6	GUIDE	335029384	8.49	2483	-0.006	0.134	0.073	0.116	217.848061	33.088477	-1916.28	-1759.48
7	GUIDE	335030152	9.72	2482	-0.064	0.008	0.097	0.152	216.202154	33.091054	1933.11	1373.15

2.4 Star Slots

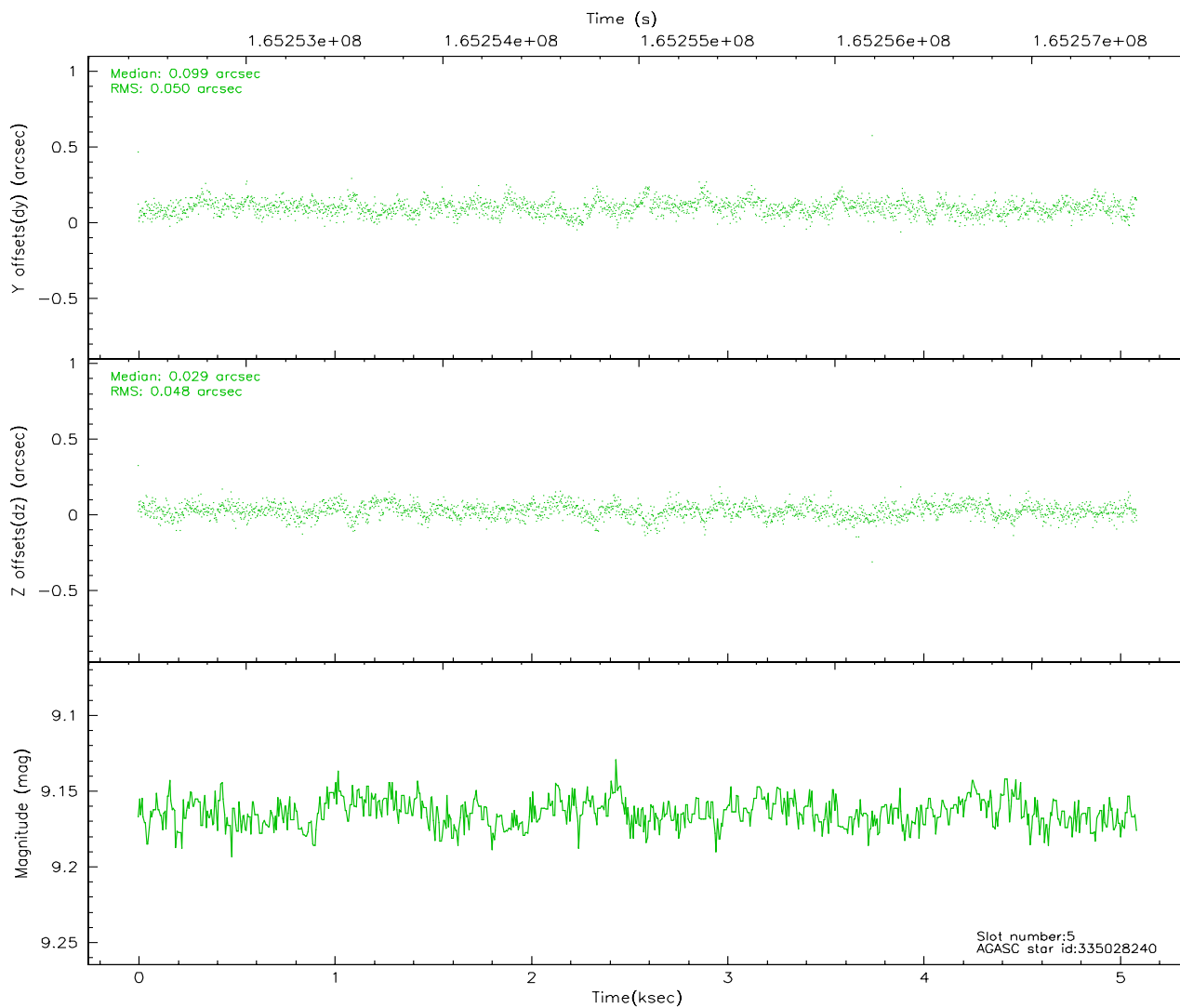
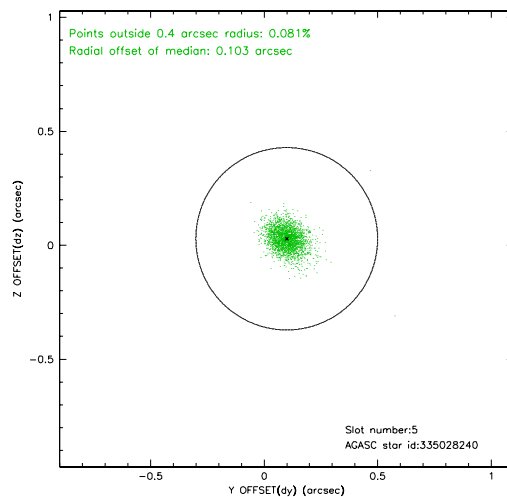
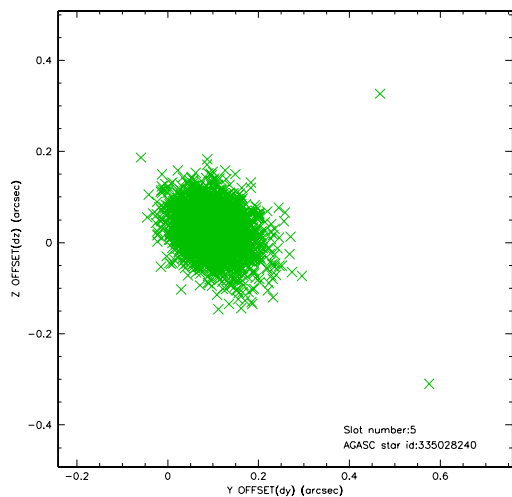
2.4.1 Slot 3



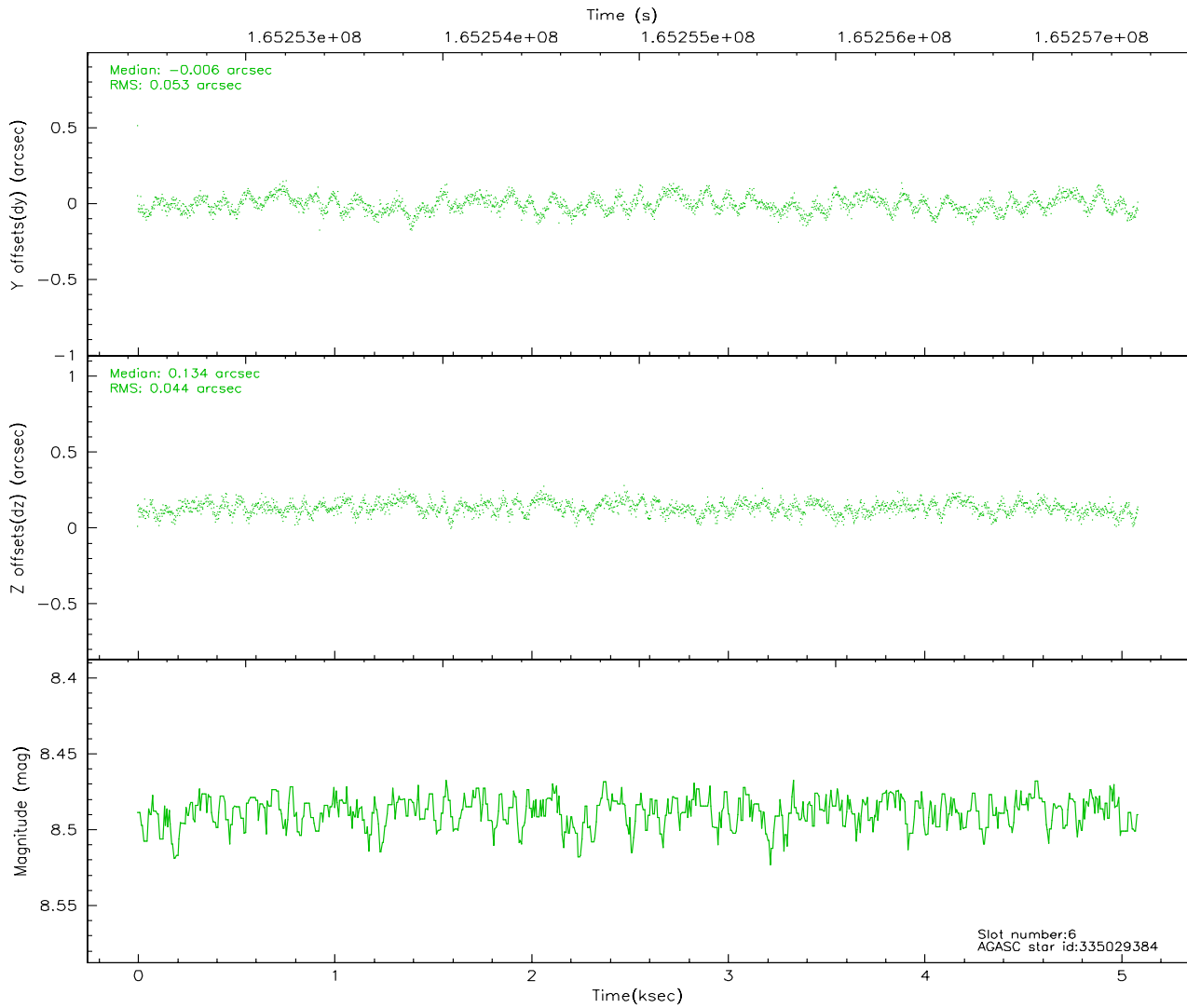
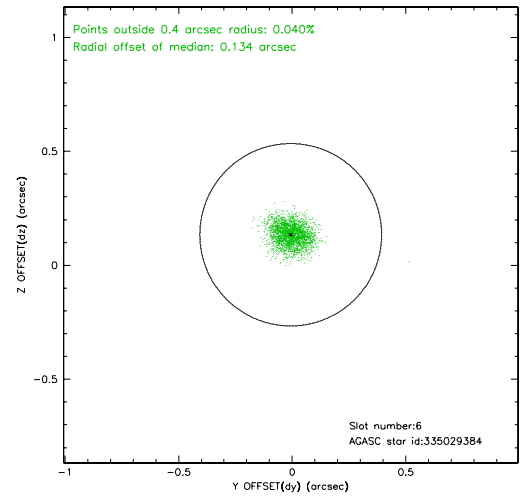
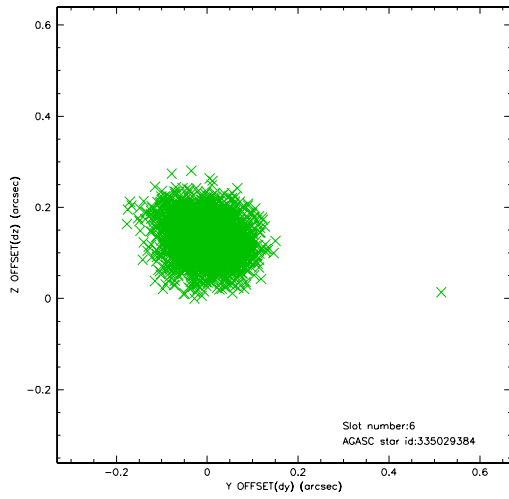
2.4.2 Slot 4



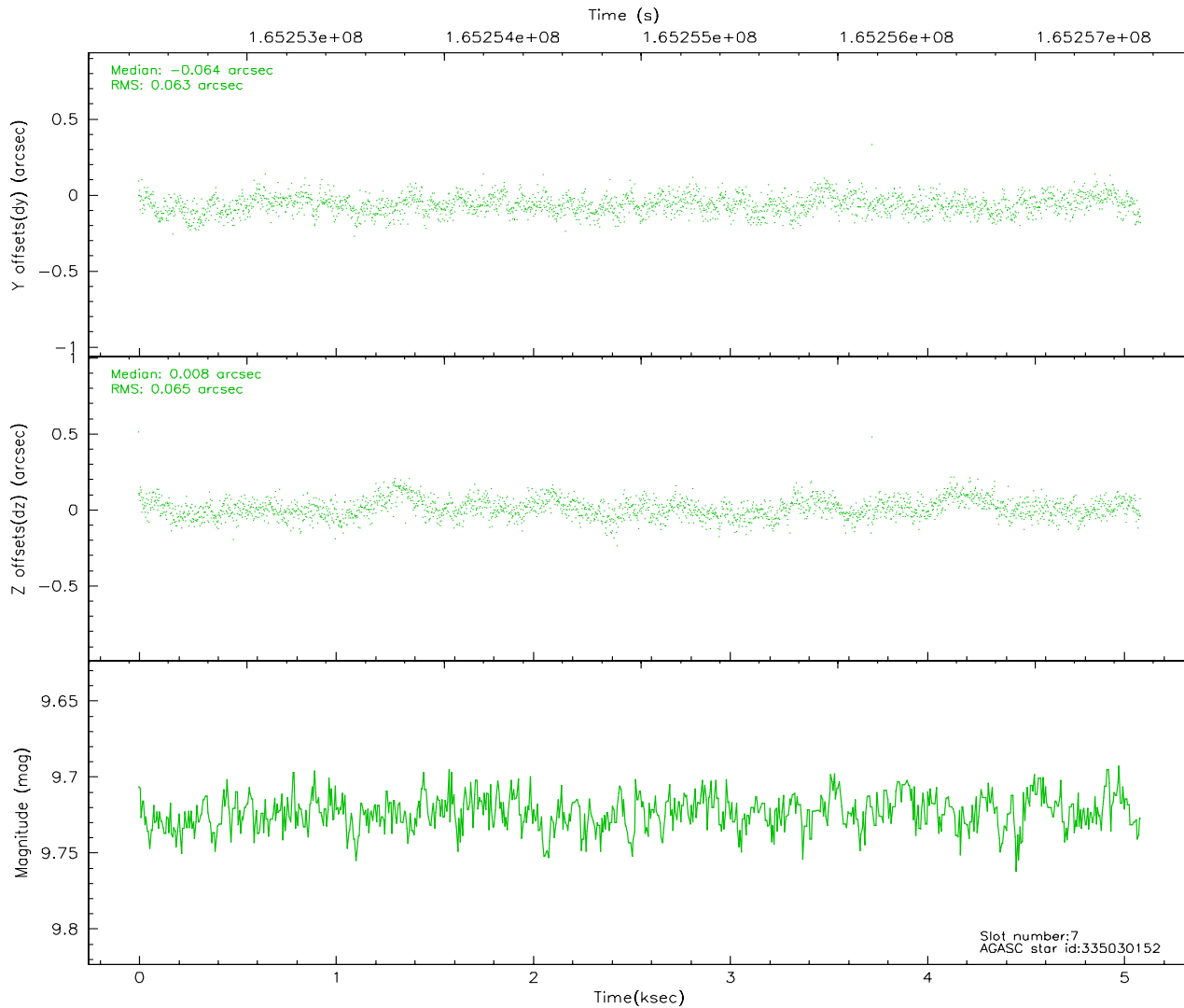
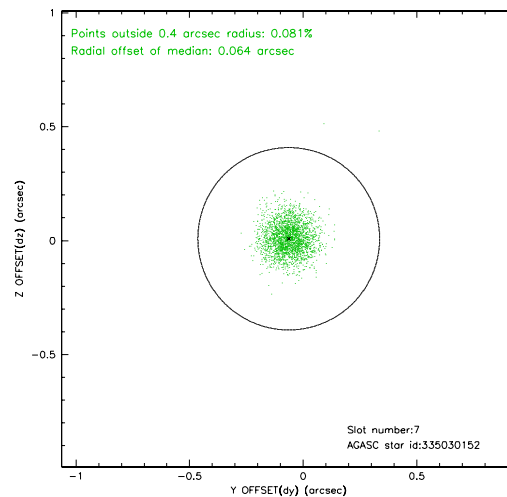
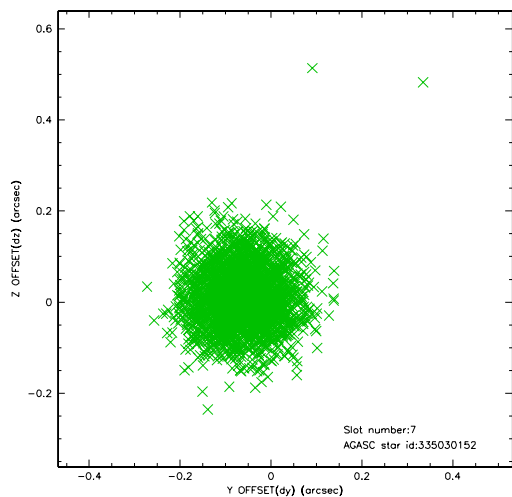
2.4.3 Slot 5



2.4.4 Slot 6

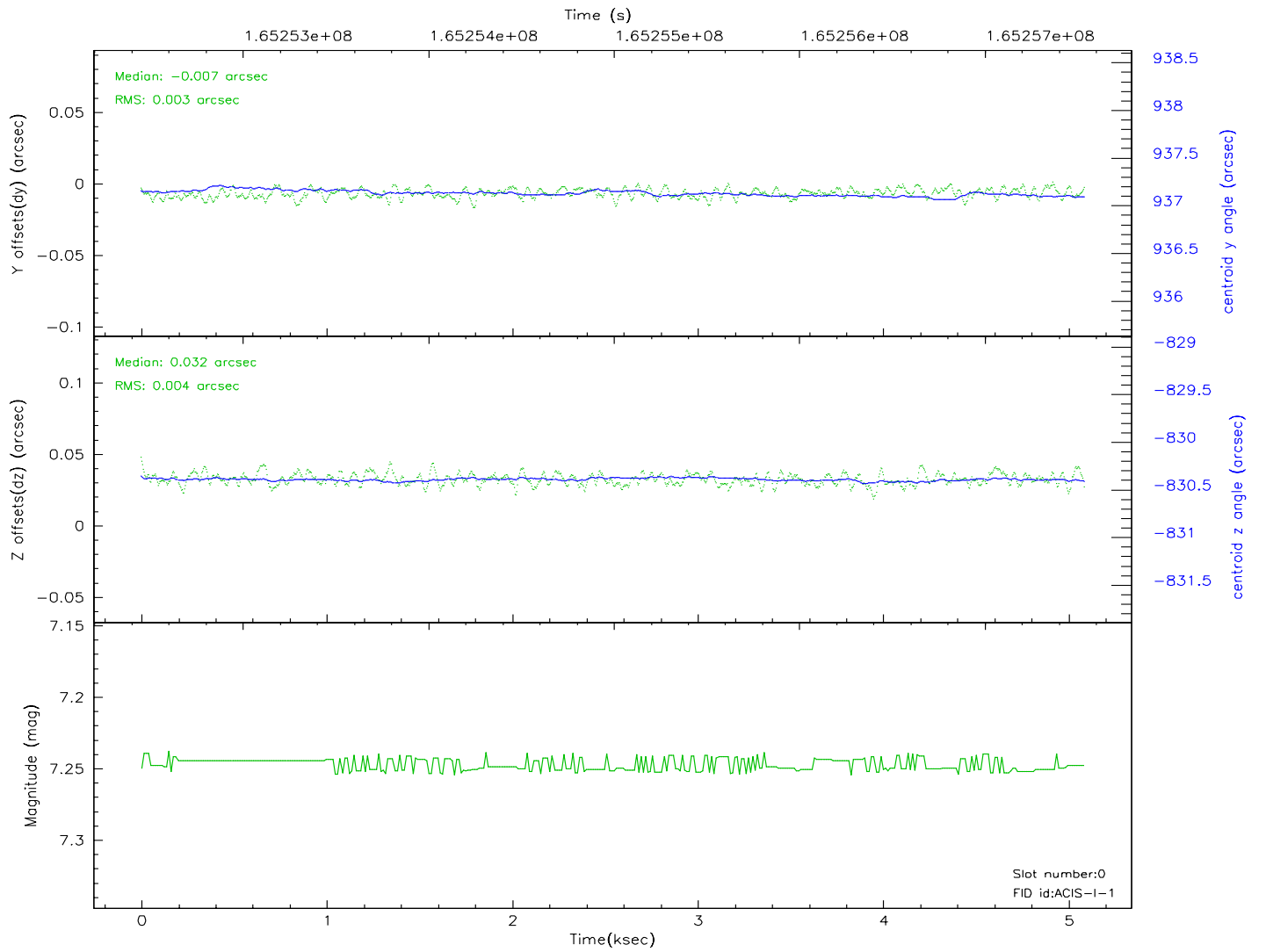
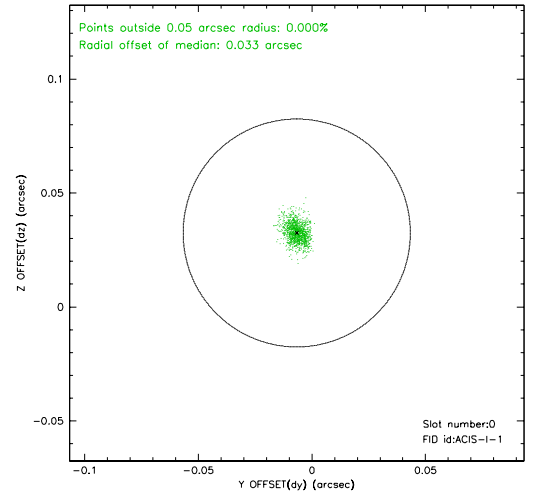
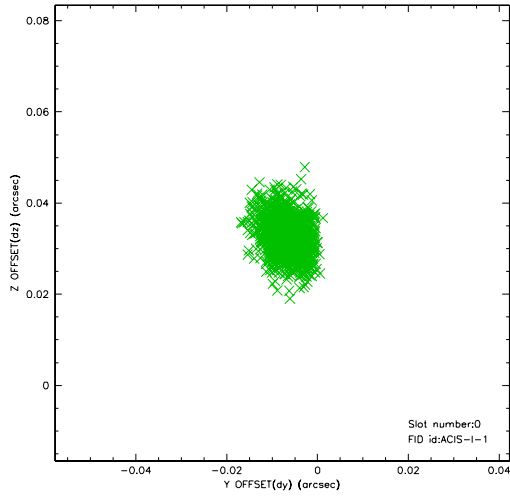


2.4.5 Slot 7

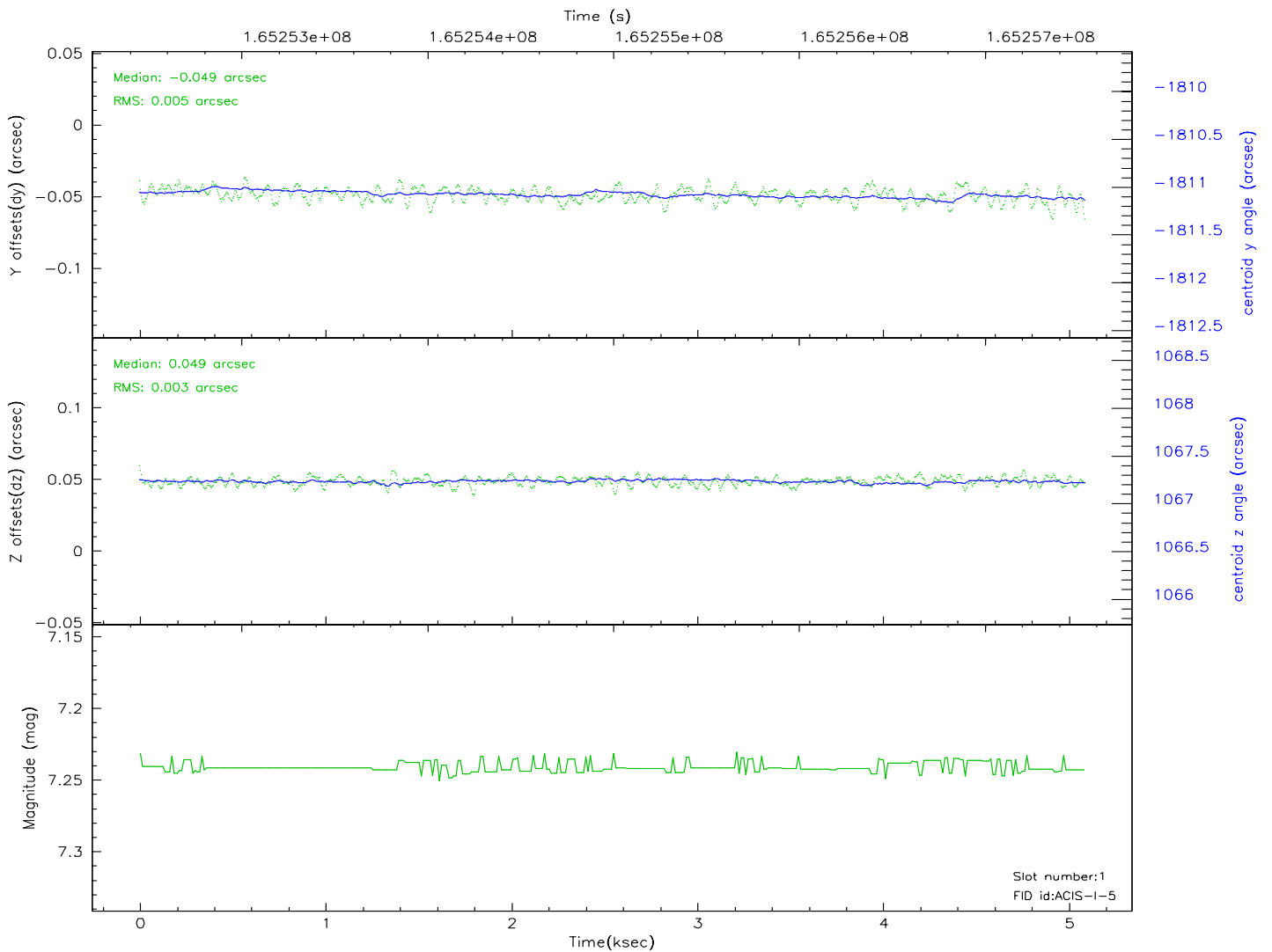
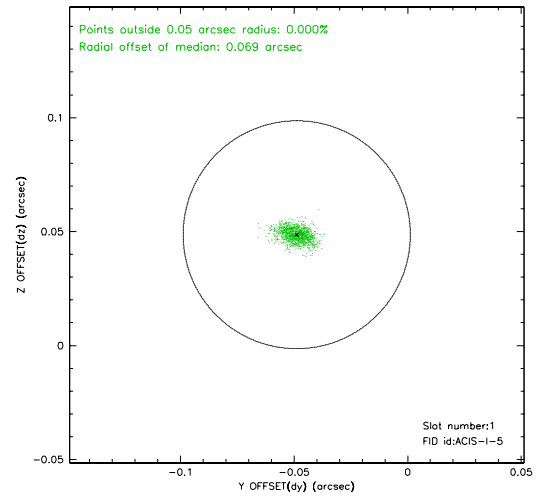
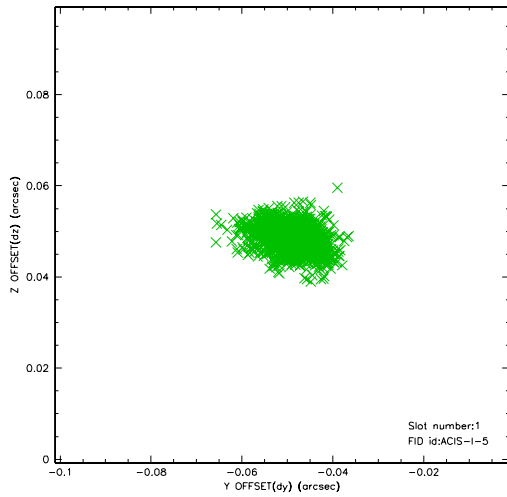


2.5 FID Slots

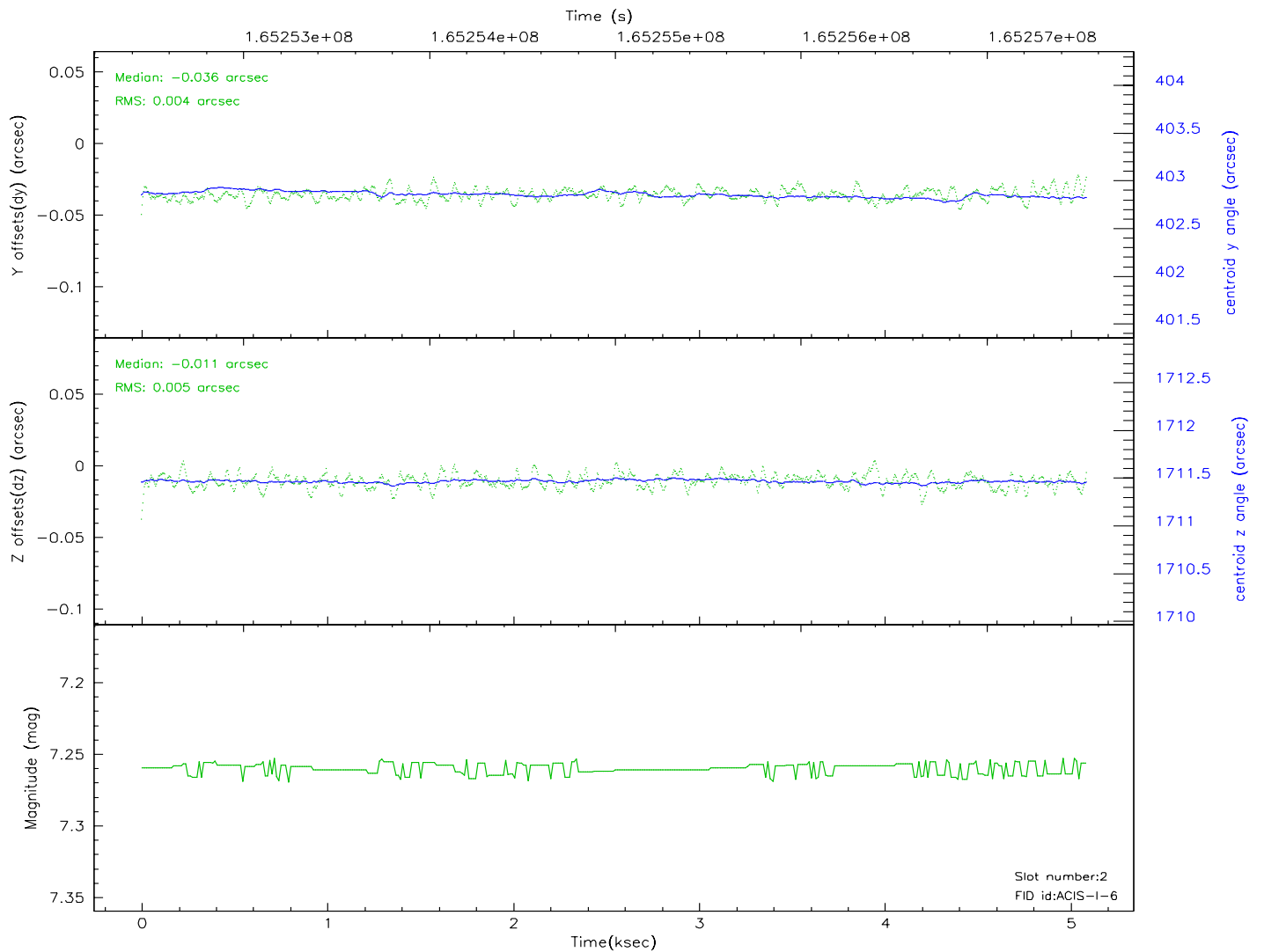
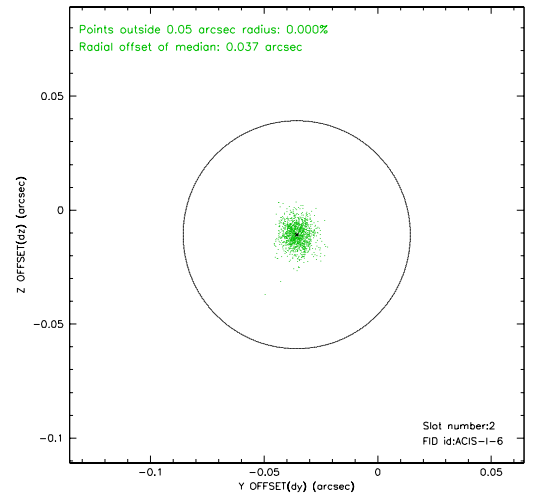
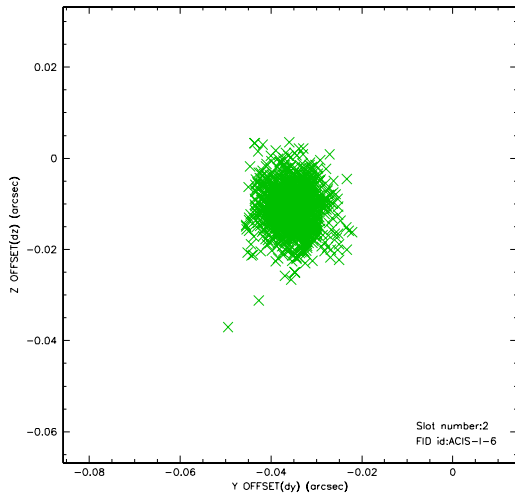
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

3.28 arcmin



9.27 arcmin



8.21 arcmin



9.00 arcmin



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	4.674

A.2 Comments