

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4248 - L2 Version 001
Chandra X-Ray Center

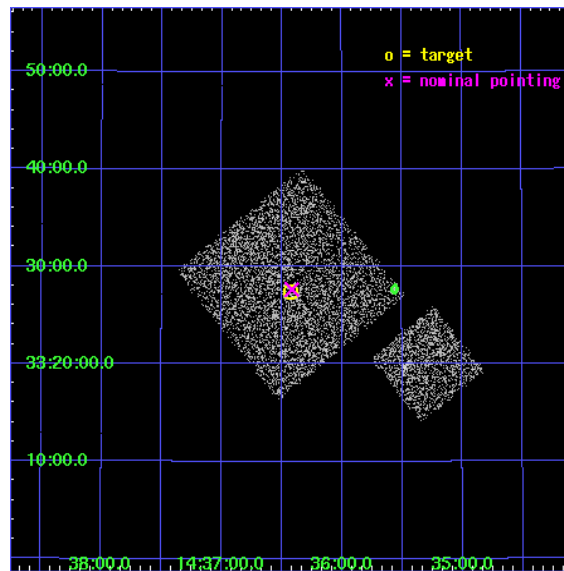
L2 Processing Date : Jul 30 2006

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
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

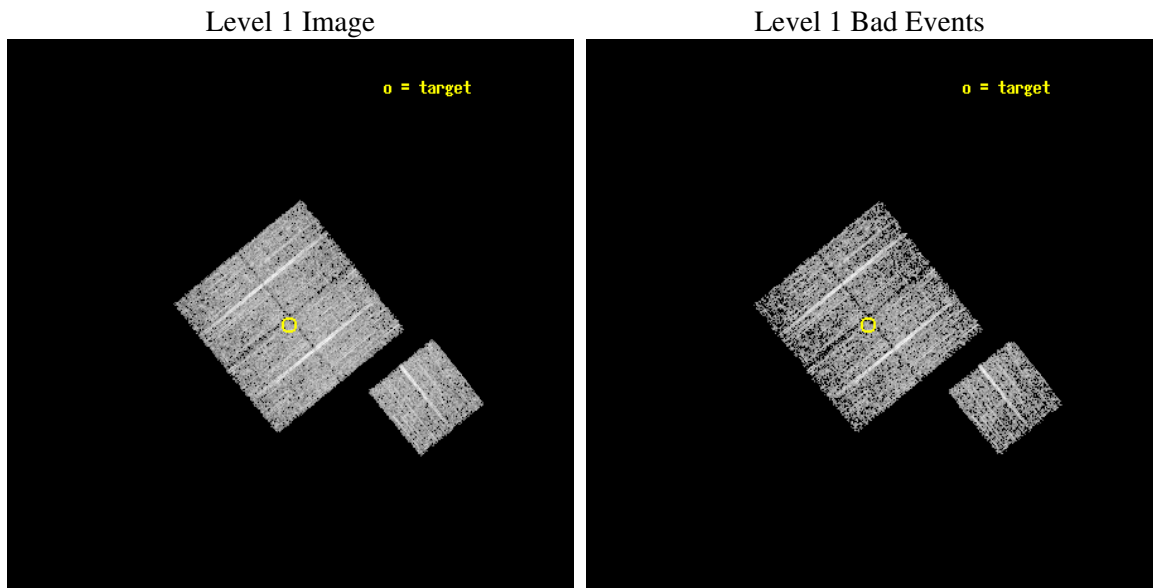
seq_num	900291
obs_id	4248
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION
observer	Dr. Christine Jones
object	SS7
dtcycle	0
cycle	P
ra_targ	219.106748
dec_targ	33.456918
ra_nom	219.10414237458
dec_nom	33.461061133044
roll_nom	141.01011321175
revision	2
ontime	4777.0999908149
livetime	4714.6836625851
ontime0	4777.0999908149
ontime1	4777.0999908149
ontime2	4777.0999908149
ontime3	4777.0999908149
ontime6	4773.9589906633
l2events	9742



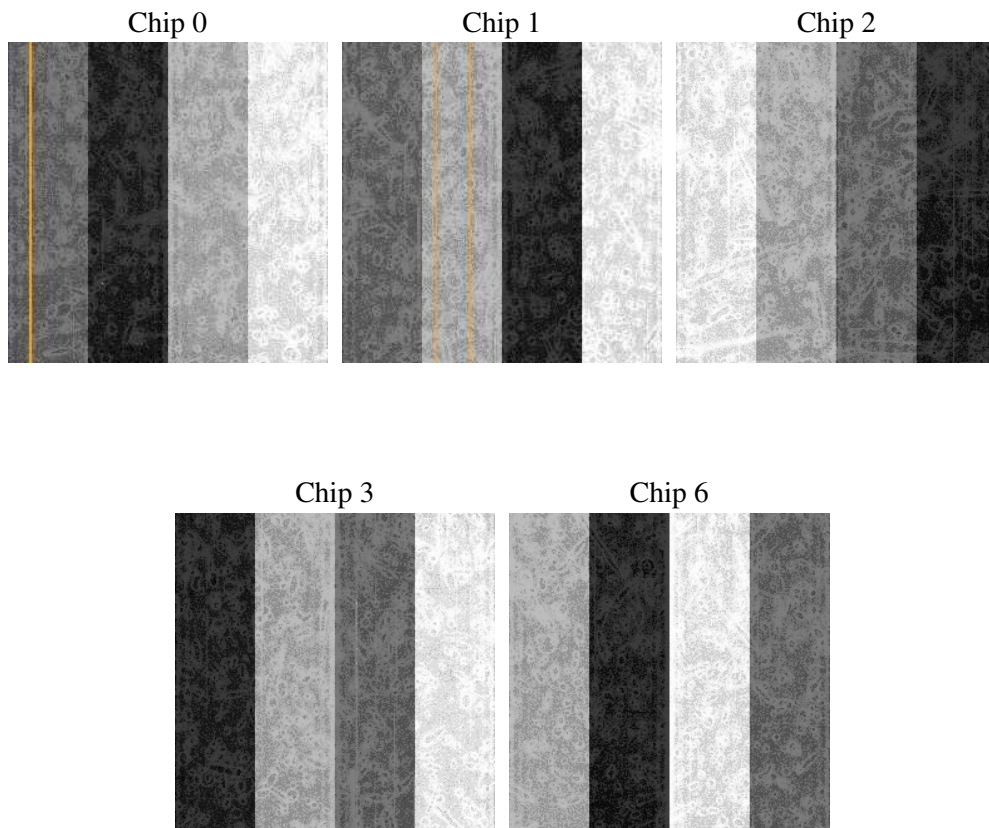
2 OBI

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	2006-07-30T02:31:27
revision	2

sched_exp_time	5000.000000
ontime	4780.612621665
ontime0	4780.612621665
ontime1	4780.612621665
ontime2	4780.612641573
ontime3	4780.612621665
ontime6	4777.4716215134
l1events	117043

2.1.4 Events

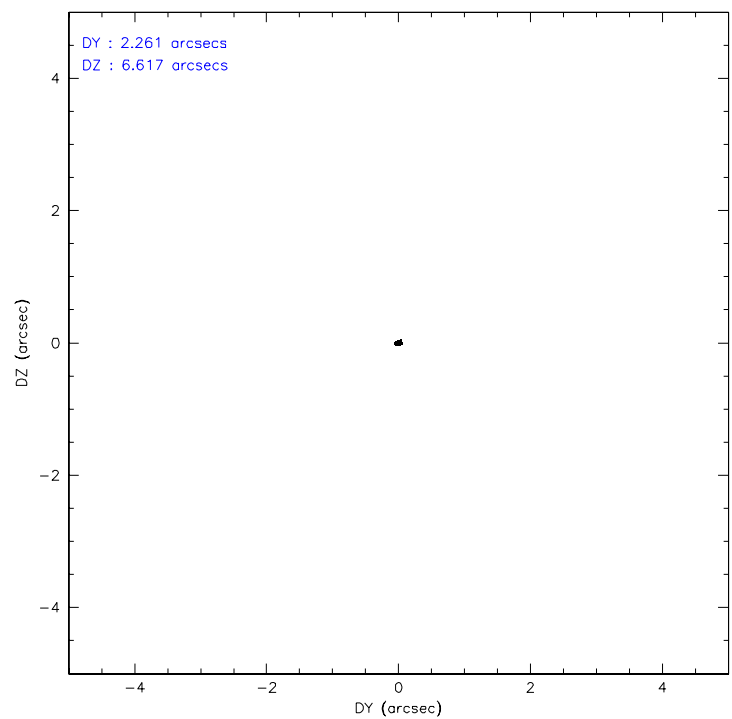
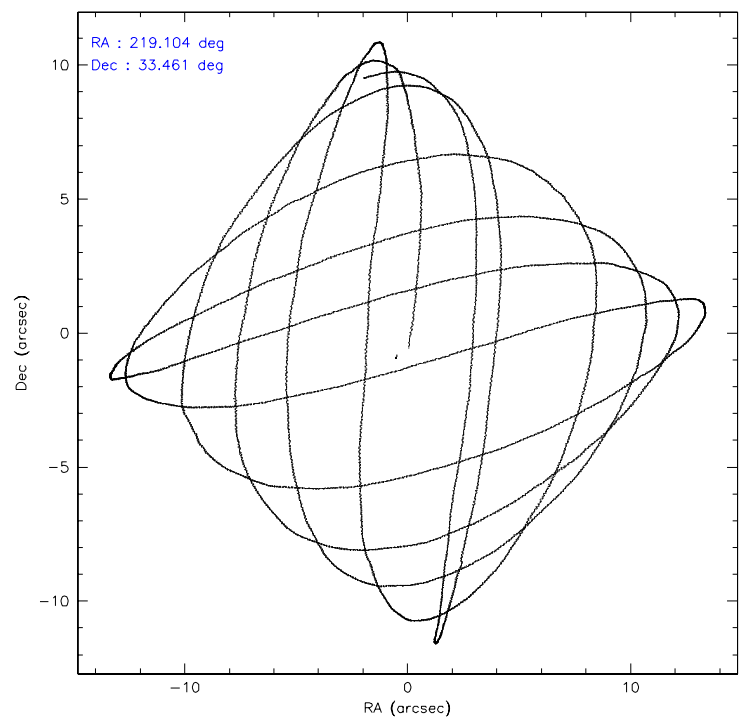
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22377	22530	25565	23305	23266
rejected events	19978	19985	23324	21036	20838
rejected %	89%	88%	91%	90%	89%

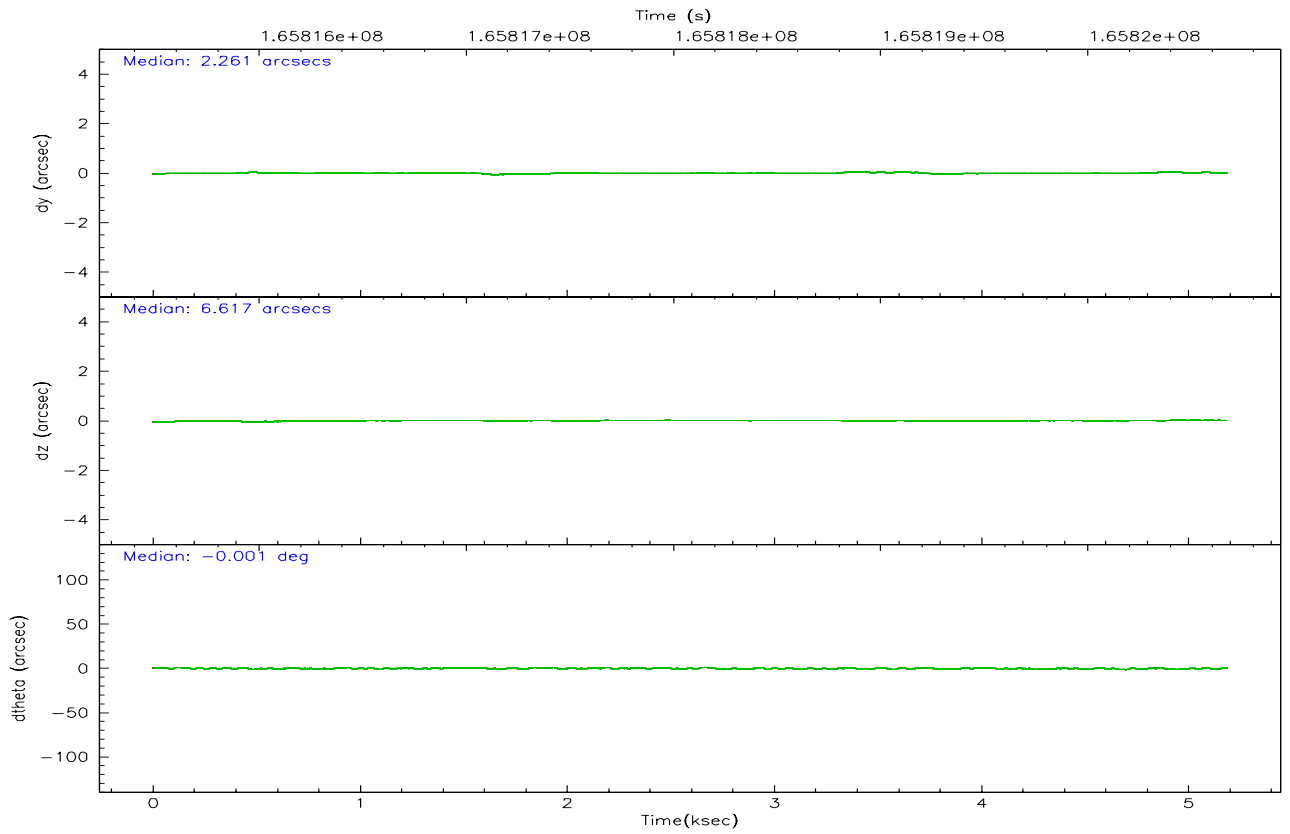
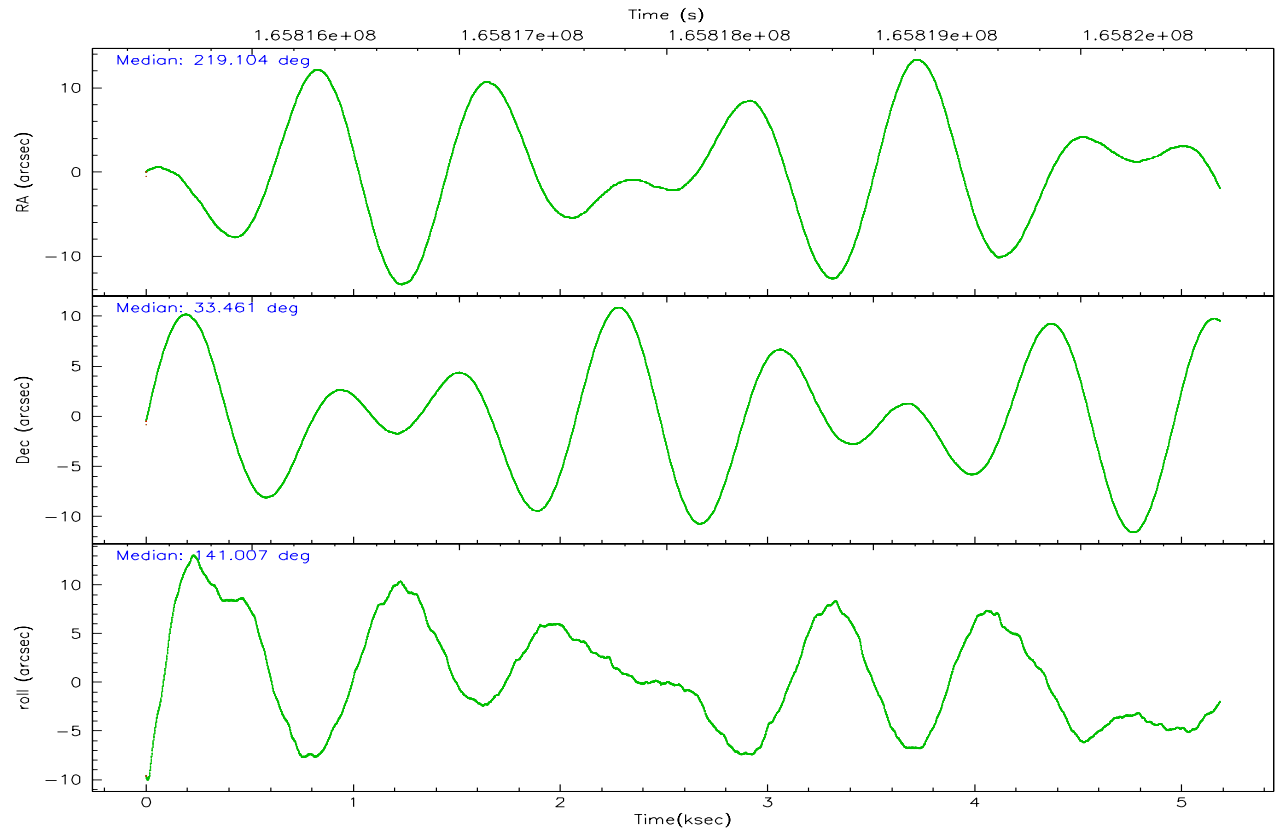
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	824	839	824	857	906
	3%	3%	3%	3%	3%
grade 1 events	9	13	13	9	9
	0%	0%	0%	0%	0%
grade 2 events	579	575	528	468	481
	2%	2%	2%	2%	2%
grade 3 events	288	311	245	274	293
	1%	1%	0%	1%	1%
grade 4 events	264	326	254	263	271
	1%	1%	0%	1%	1%
grade 5 events	719	700	679	807	750
	3%	3%	2%	3%	3%
grade 6 events	446	495	390	407	478
	1%	2%	1%	1%	2%
grade 7 events	19248	19271	22632	20220	20078
	86%	85%	88%	86%	86%

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	219.136570	219.104142374578	Alternating exposures requested	N	N
Pointing Dec	33.456837	33.46106113304435	Primary exposure time	0.000000	3.1
Pointing Roll	140.783562	141.0101132117544			
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	165815675.184000	165815251.93035			
Observation start date	2003-04-04T03:53:31	2003-04-04T03:47:31			
Observation end time	165820675.184000	165820808.96809			
Observation end date	2003-04-04T05:16:51	2003-04-04T05:20:08			
Read mode	TIMED	TIMED			

2.3 Aspect



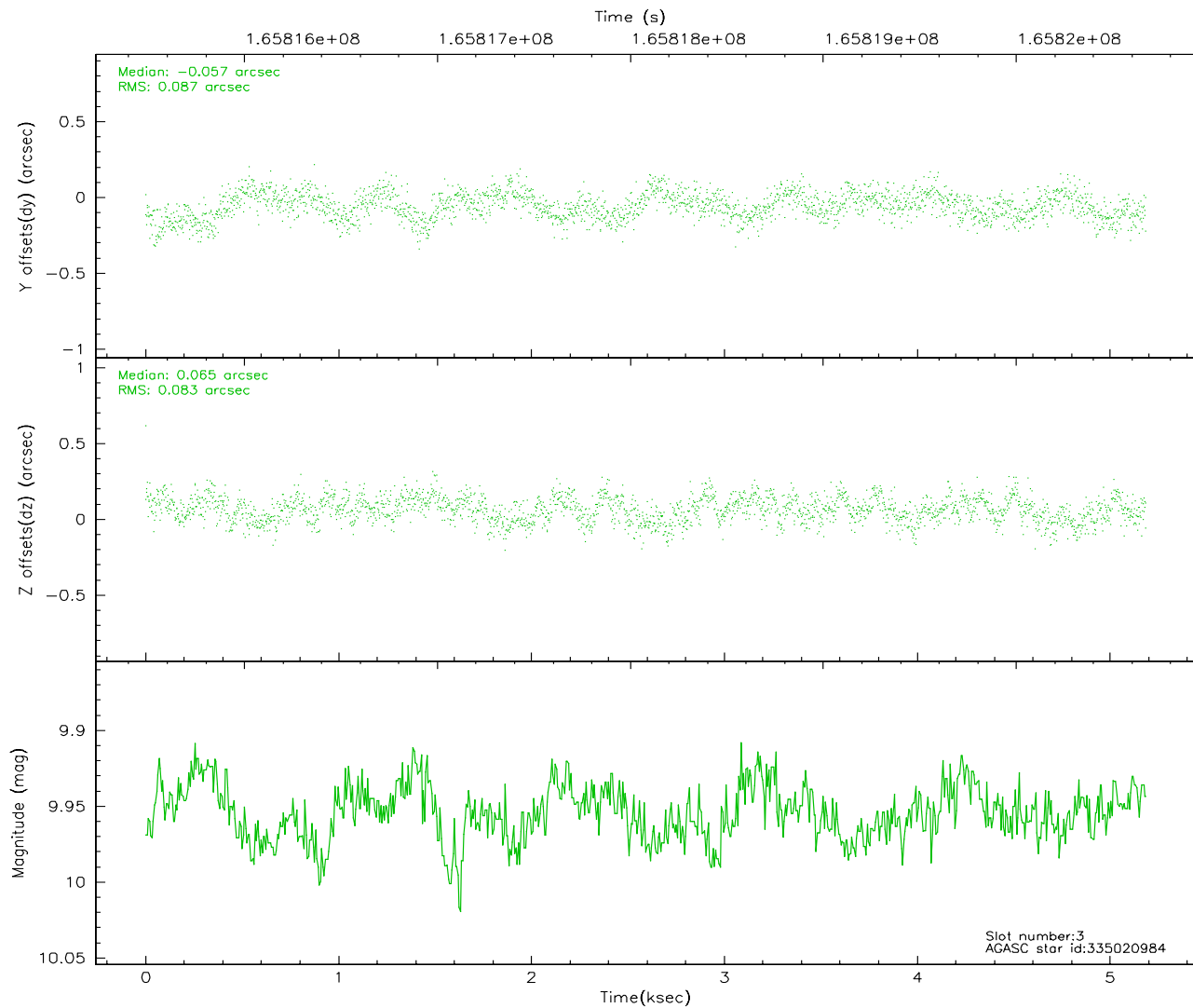
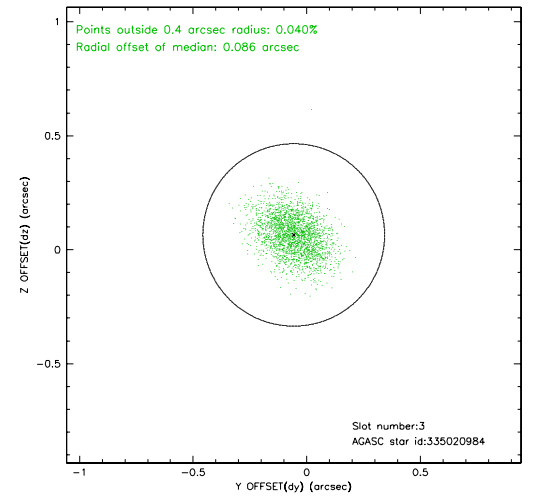
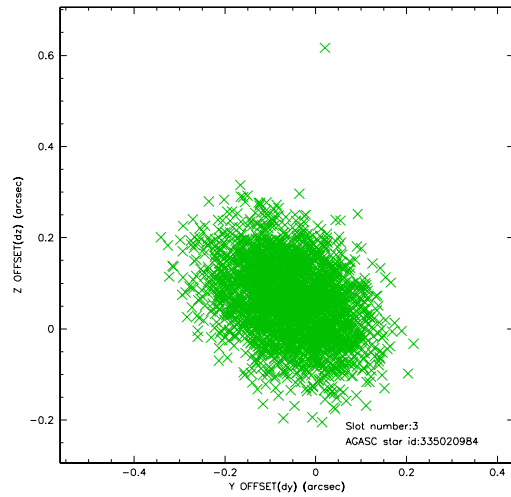


Slot Statistics

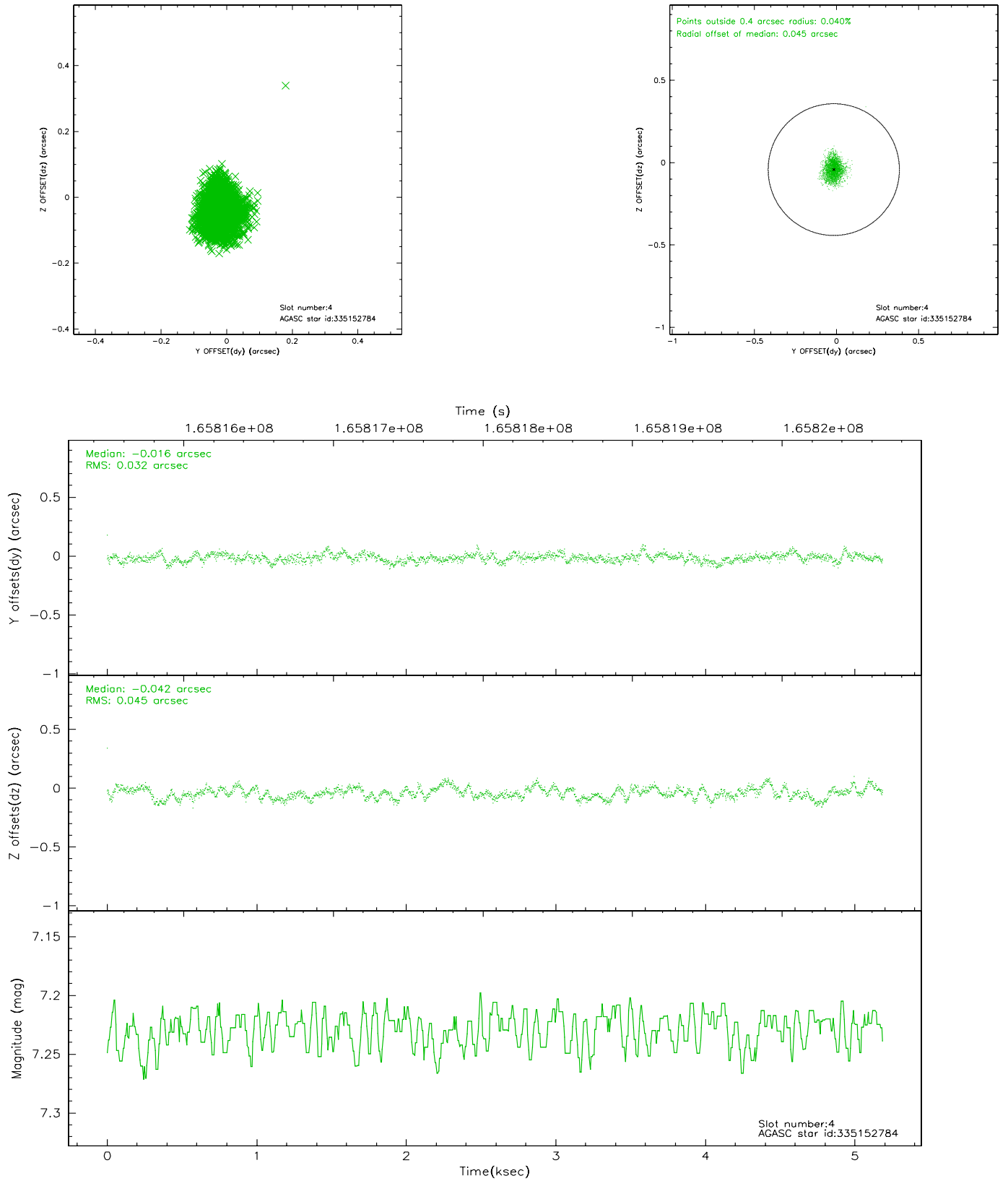
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1266	-0.008	0.022	0.006	0.010	0.000000	0.000000	937.53	-830.00
1	FID	ACIS-I-5	7.24	1266	-0.049	0.045	0.006	0.010	0.000000	0.000000	-1809.93	1066.99
2	FID	ACIS-I-6	7.26	1265	-0.034	0.004	0.007	0.011	0.000000	0.000000	401.83	1712.73
3	GUIDE	335020984	9.95	2530	-0.057	0.065	0.128	0.207	218.841668	33.815112	1500.19	-442.18
4	GUIDE	335152784	7.23	2531	-0.016	-0.042	0.058	0.094	219.280617	33.678221	170.36	-890.34
5	GUIDE	335154960	9.56	2531	0.083	-0.057	0.084	0.141	219.209961	33.303073	-521.35	289.02
6	GUIDE	335157088	9.08	2525	-0.064	0.044	0.073	0.121	219.274029	33.726909	295.83	-1013.15
7	GUIDE	335158960	9.52	2530	0.052	-0.009	0.098	0.160	219.582957	33.009904	-2059.26	392.18

2.4 Star Slots

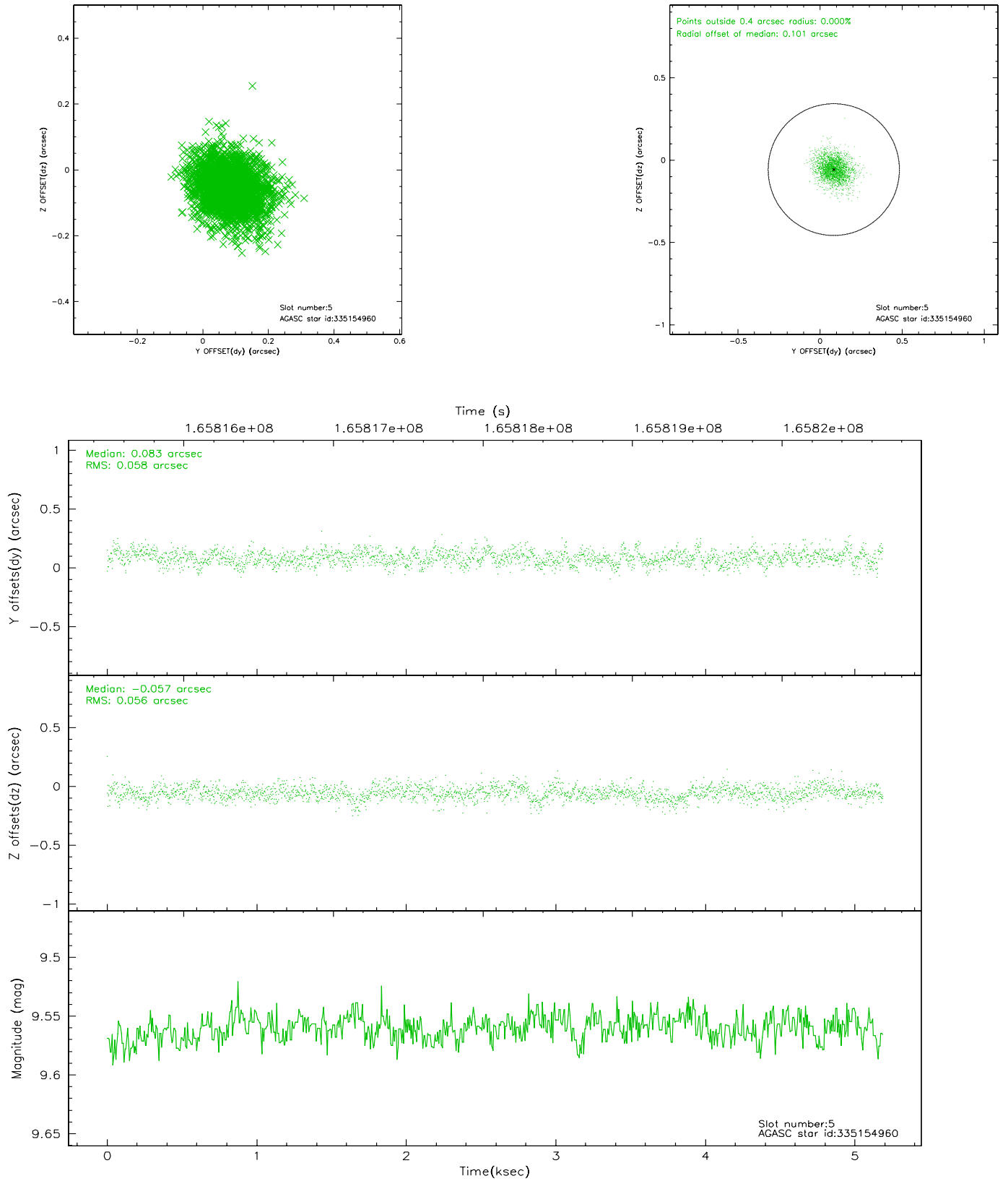
2.4.1 Slot 3



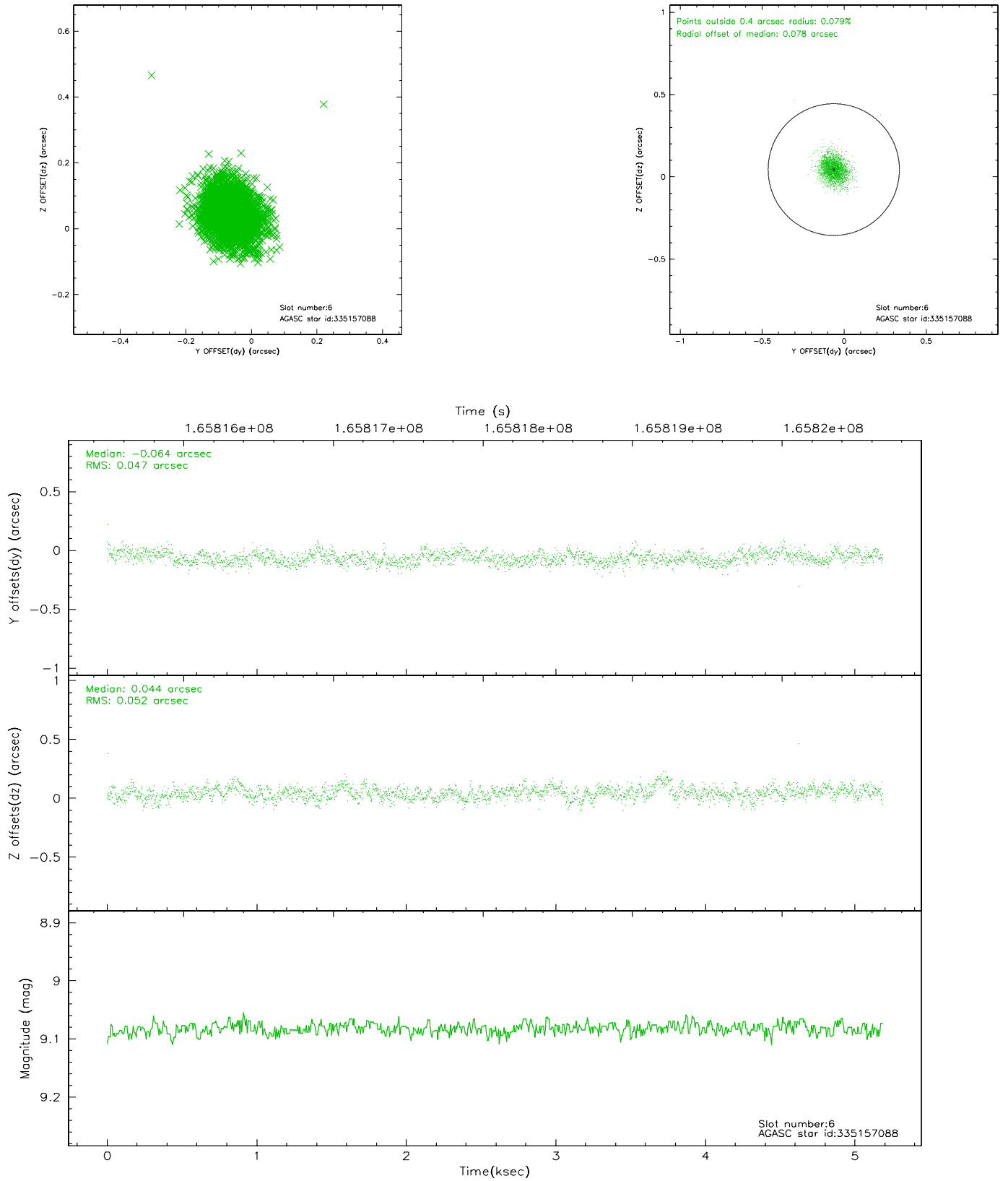
2.4.2 Slot 4



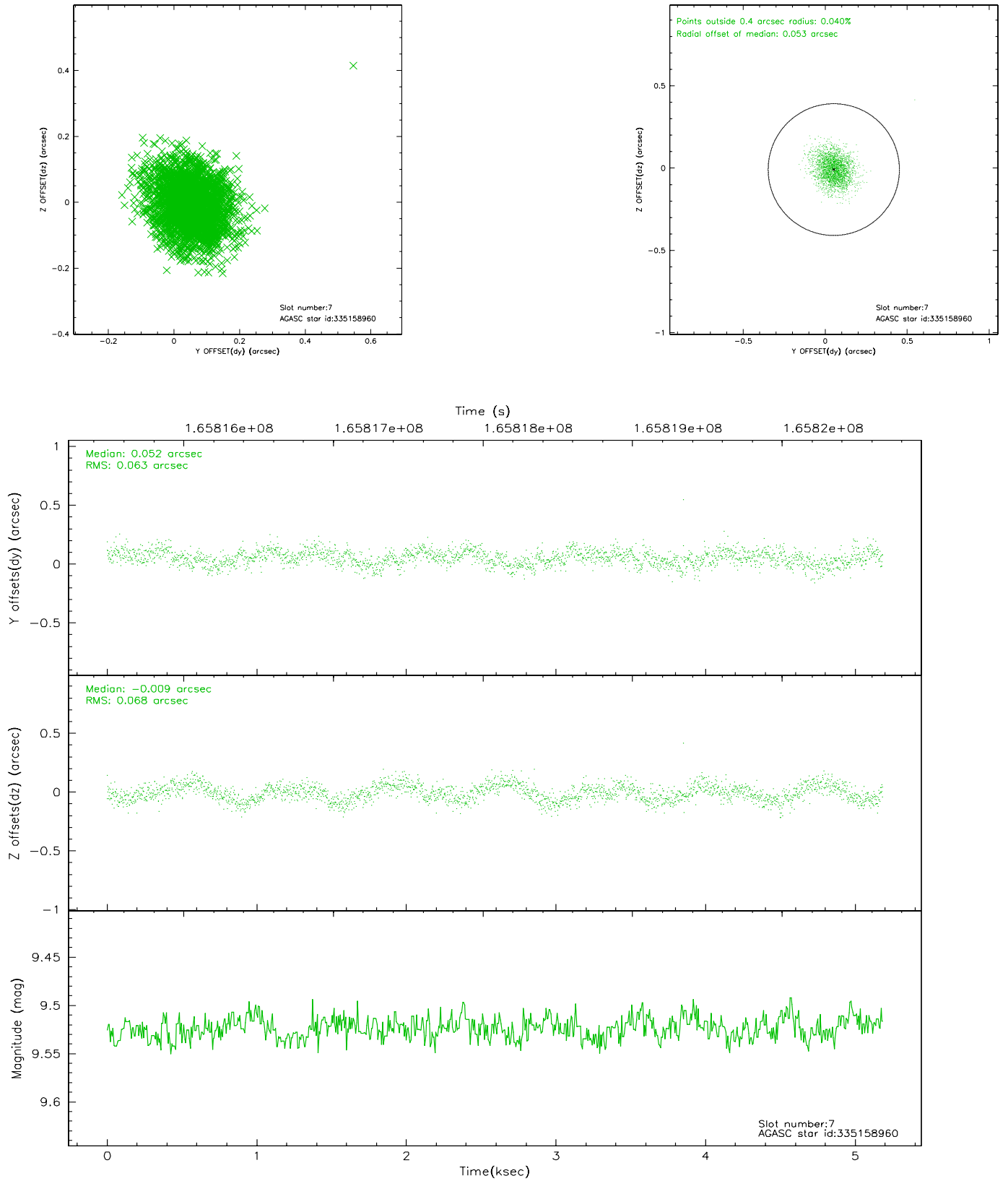
2.4.3 Slot 5



2.4.4 Slot 6

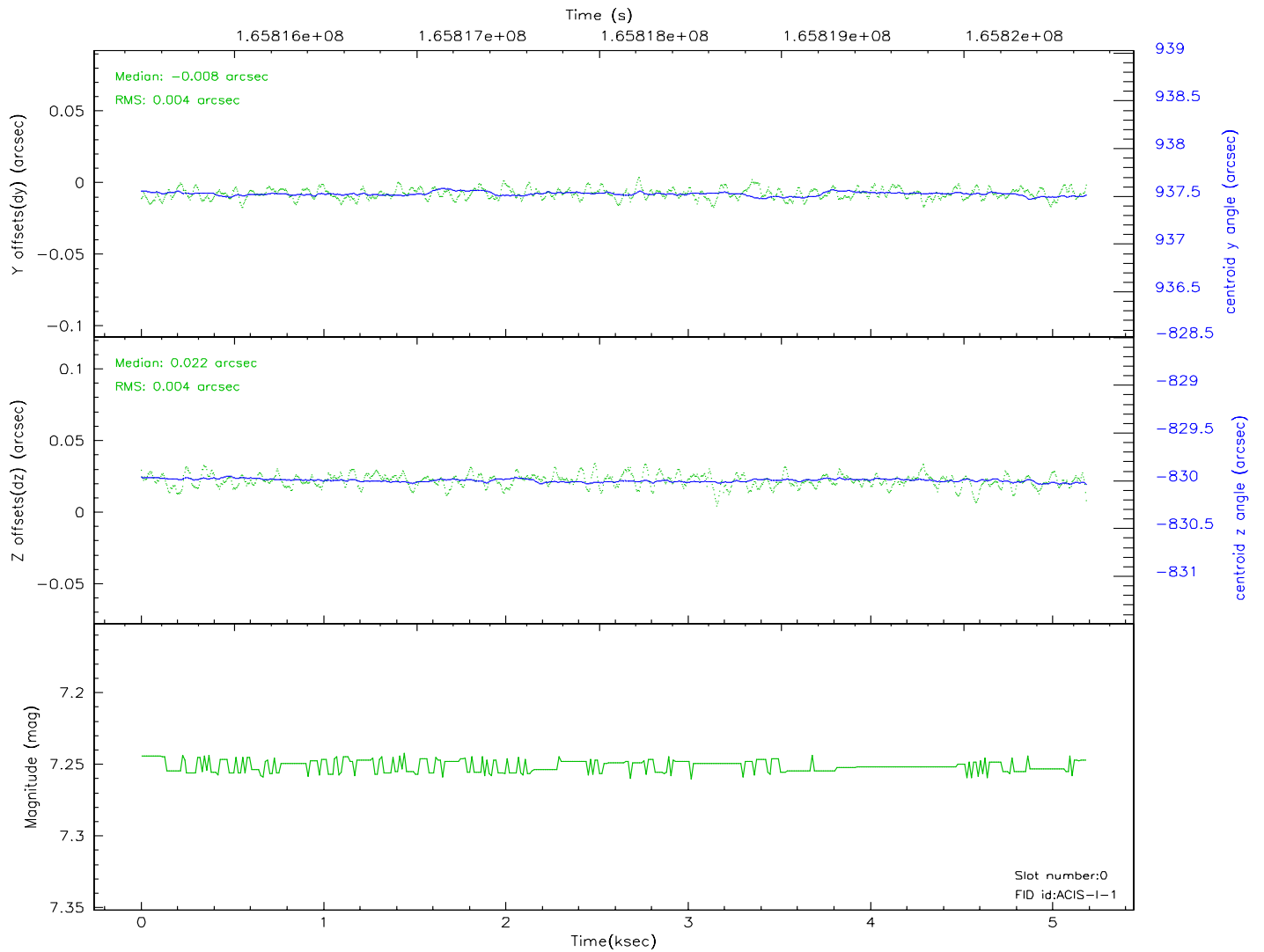
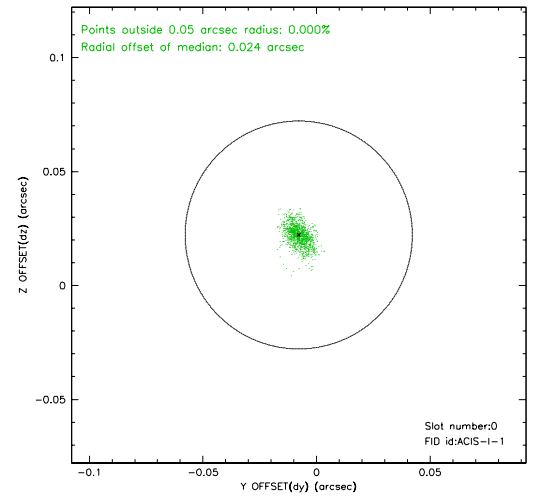
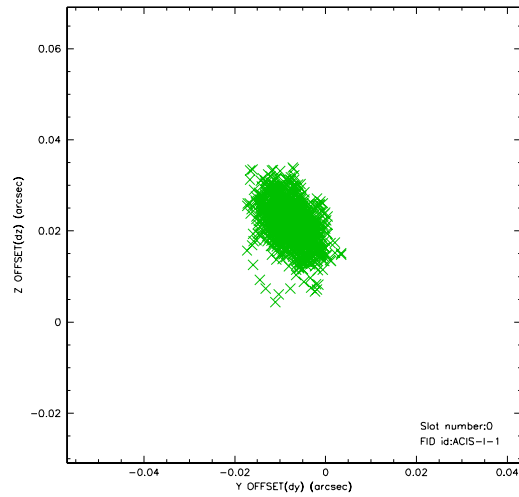


2.4.5 Slot 7

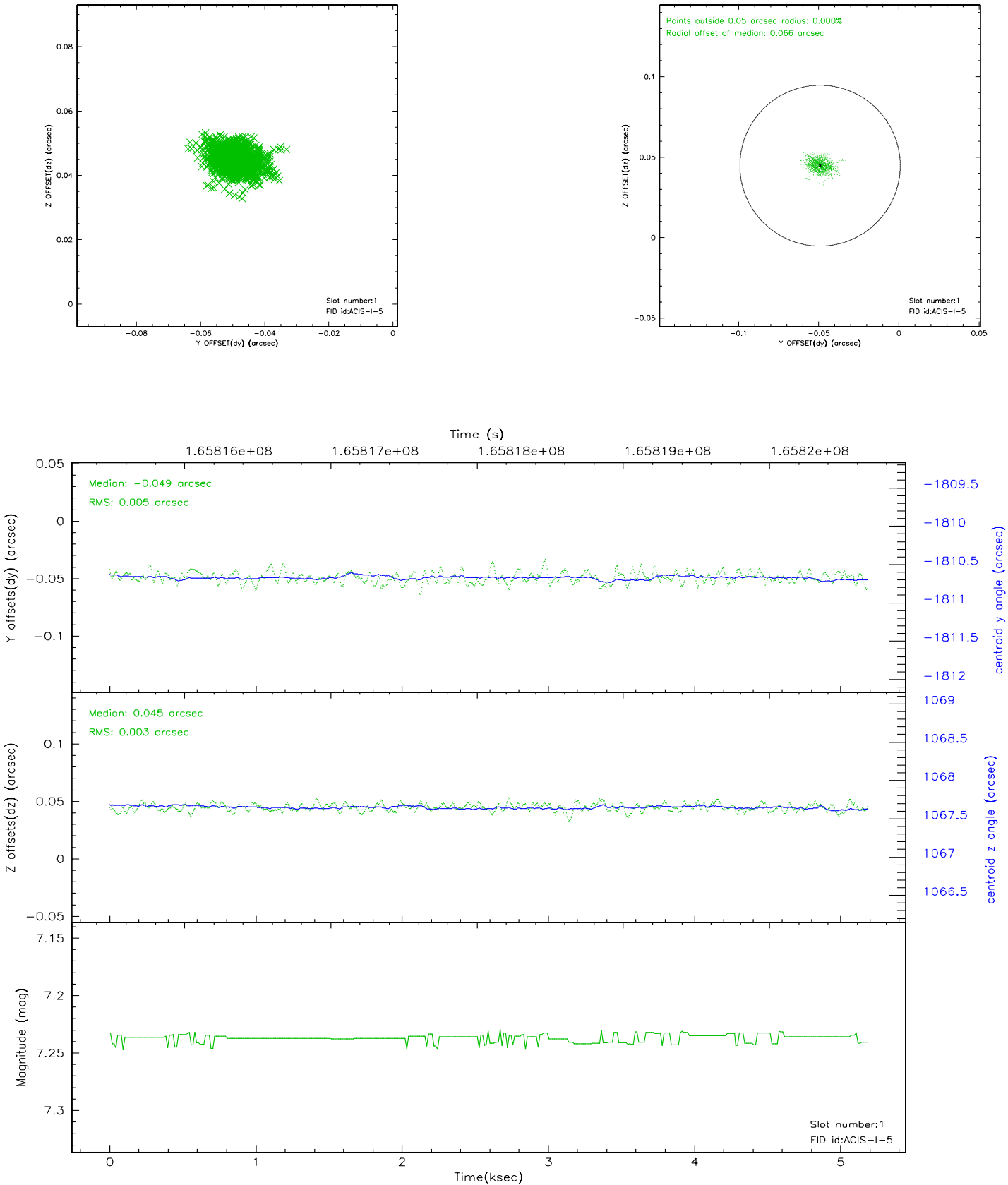


2.5 FID Slots

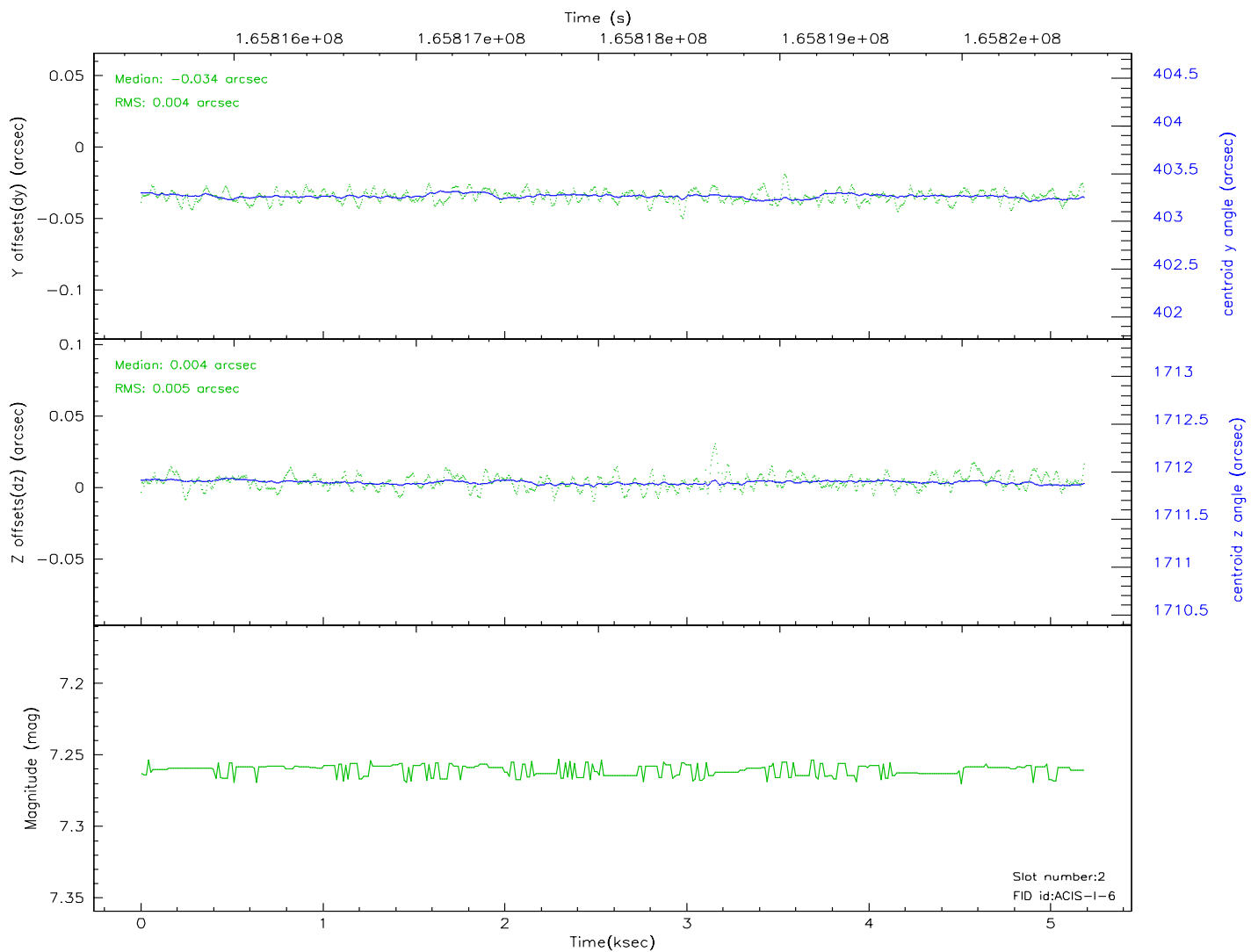
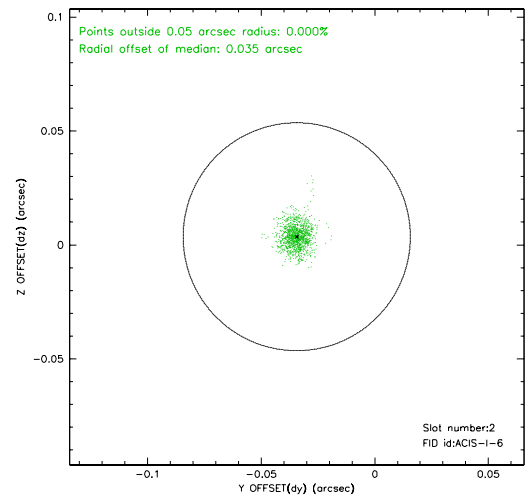
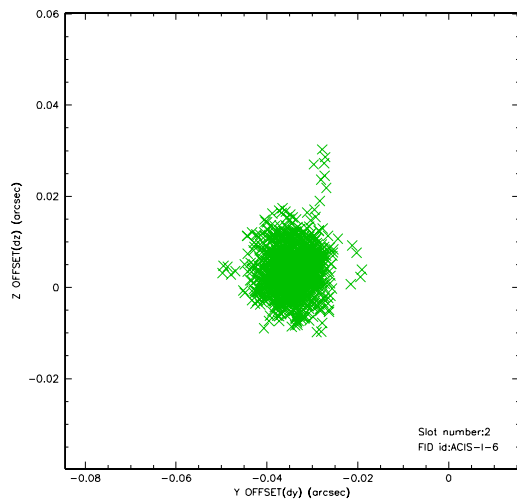
2.5.1 Slot 0



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	4.777

A.2 Comments