

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3609 - L2 Version 001
Chandra X-Ray Center

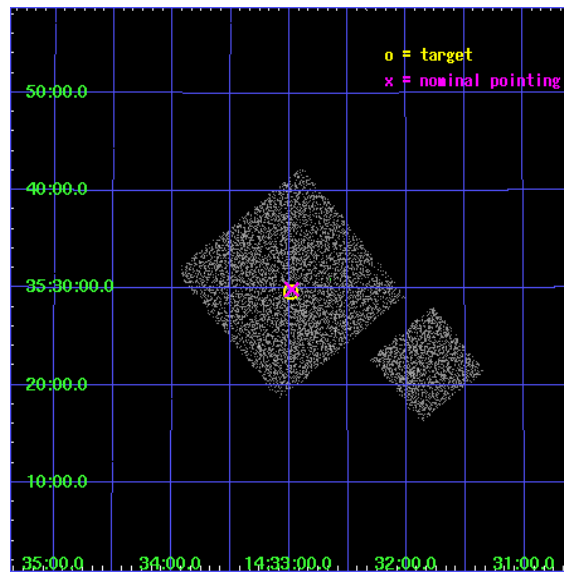
L2 Processing Date : Jul 31 2006

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1 Front

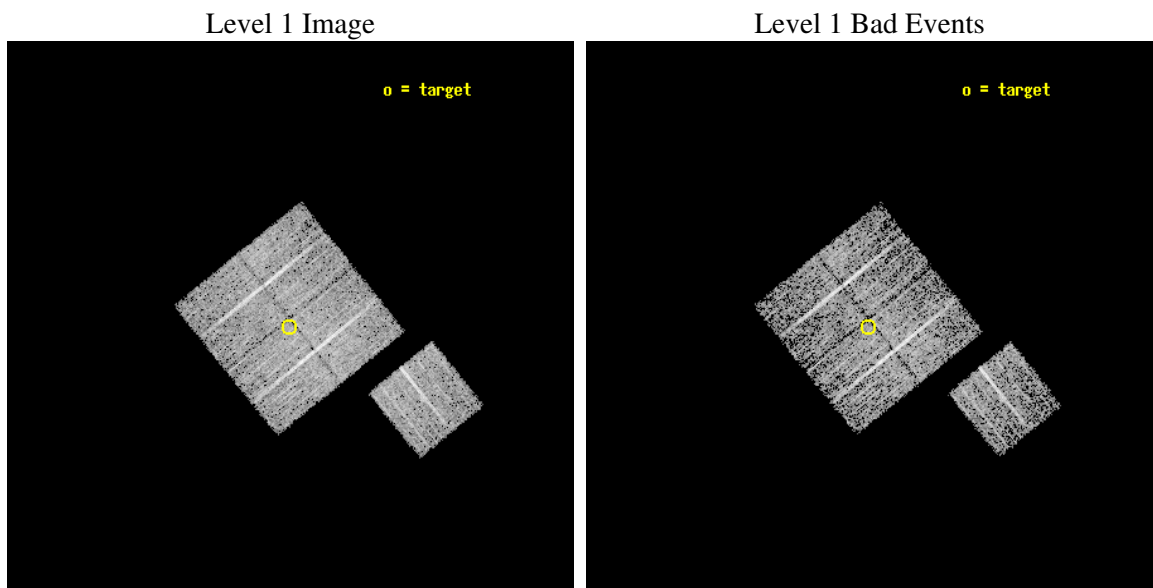
seq_num	900209
obs_id	3609
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD
observer	Dr. Stephen Murray
object	NOAO FIELD F47
dtcycle	0
cycle	P
ra_targ	218.246914
dec_targ	35.493858
ra_nom	218.24418639422
dec_nom	35.497878647975
roll_nom	141.01009963621
revision	3
ontime	5043.6999903023
livetime	4977.8003368111
ontime0	5043.6999903023
ontime1	5043.6999903023
ontime2	5043.6999903023
ontime3	5043.6999903023
ontime6	5043.6999903023
l2events	10040



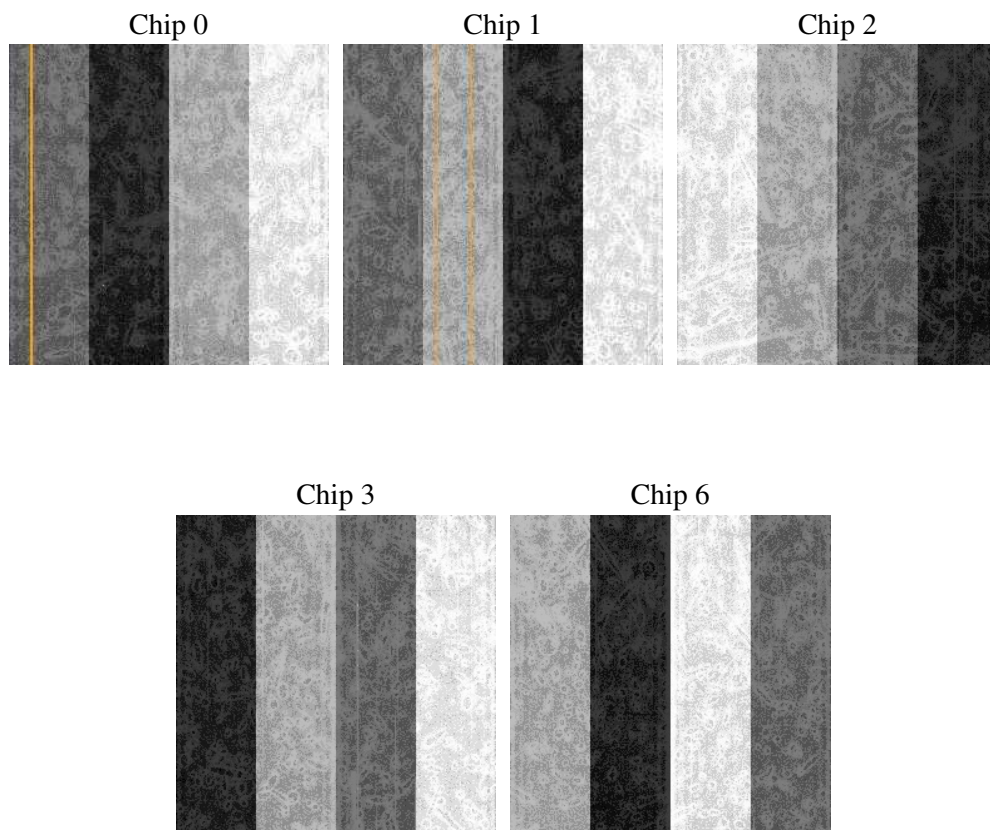
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-31T13:28:16
revision	3

sched_exp_time	4900.000000
ontime	5236.0490611196
ontime0	5239.190041244
ontime1	5239.190041244
ontime2	5239.190041244
ontime3	5236.0490611196
ontime6	5239.1900711358
l1events	126299

2.1.4 Events

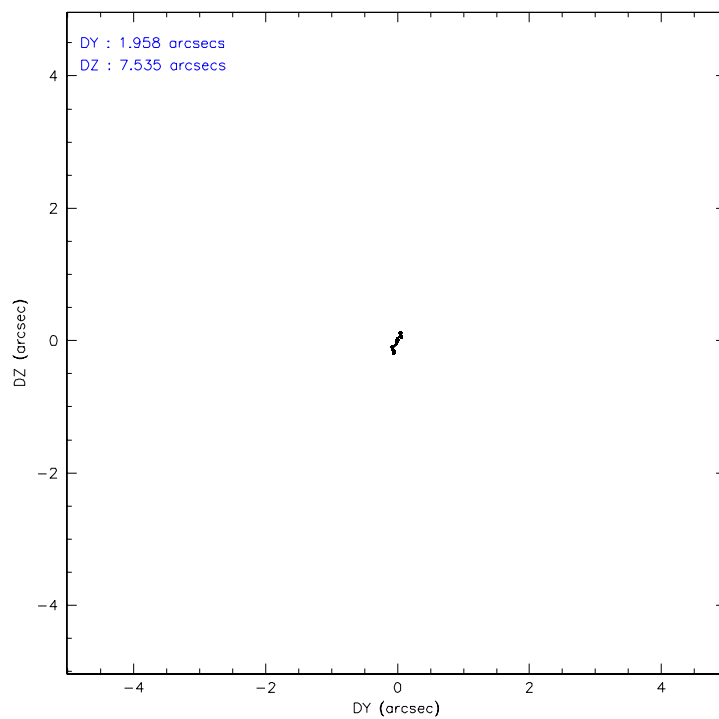
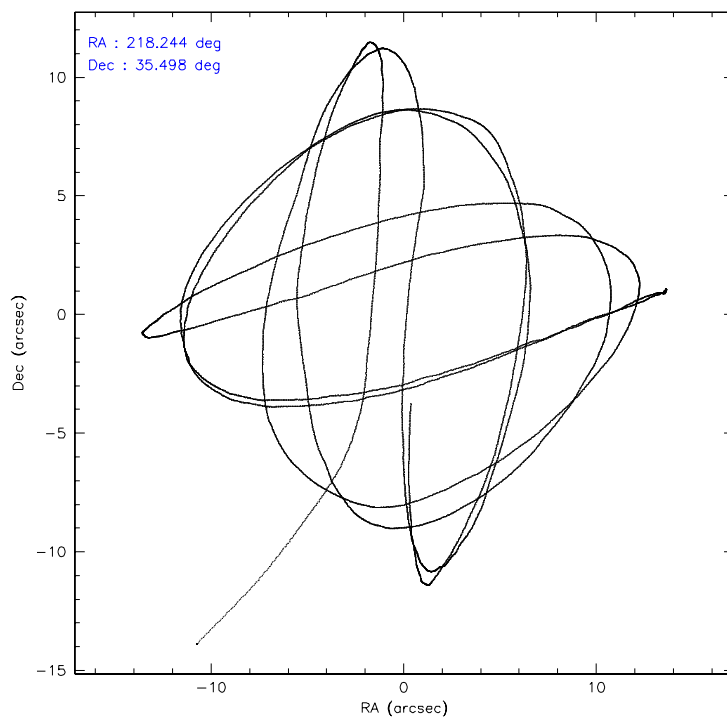
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	24362	22980	27241	27128	24588
rejected events	21846	20490	24835	24743	22048
rejected %	89%	89%	91%	91%	89%

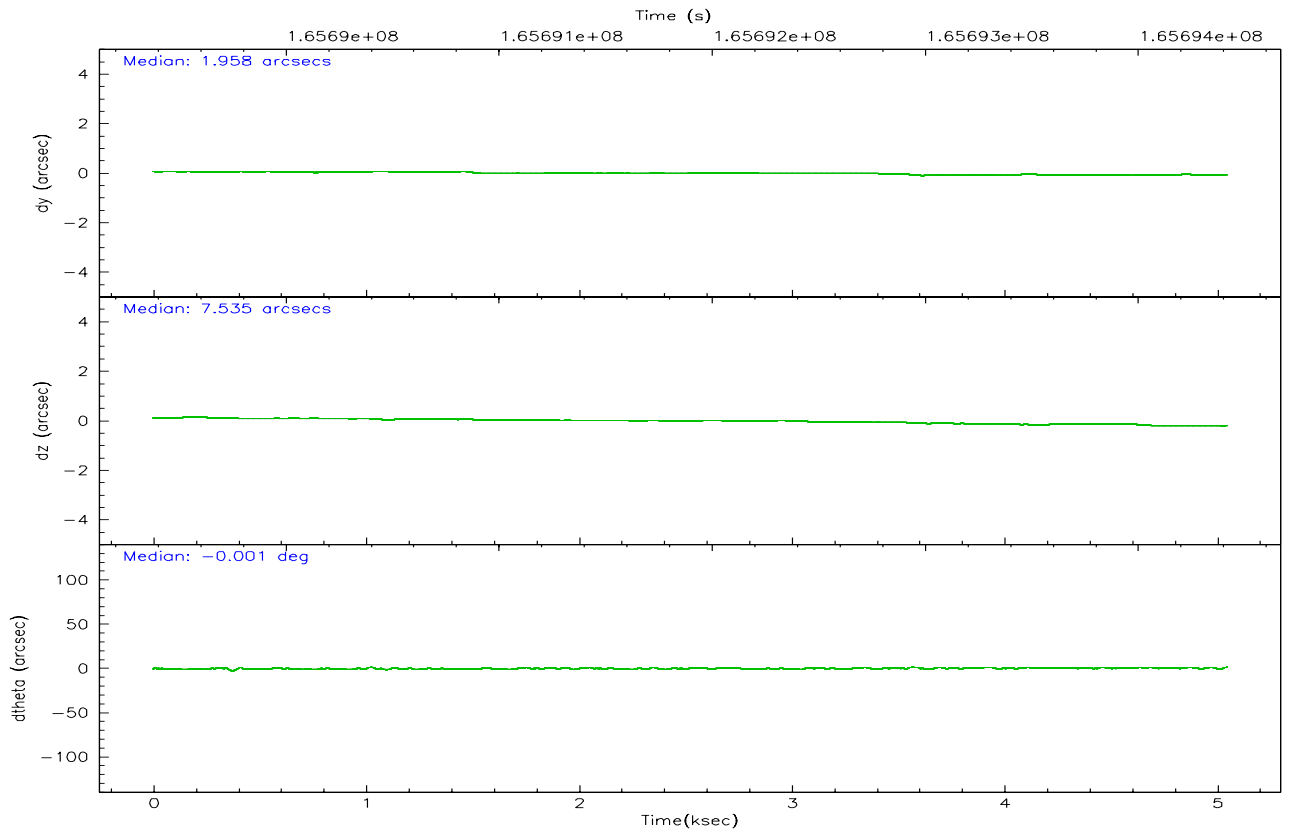
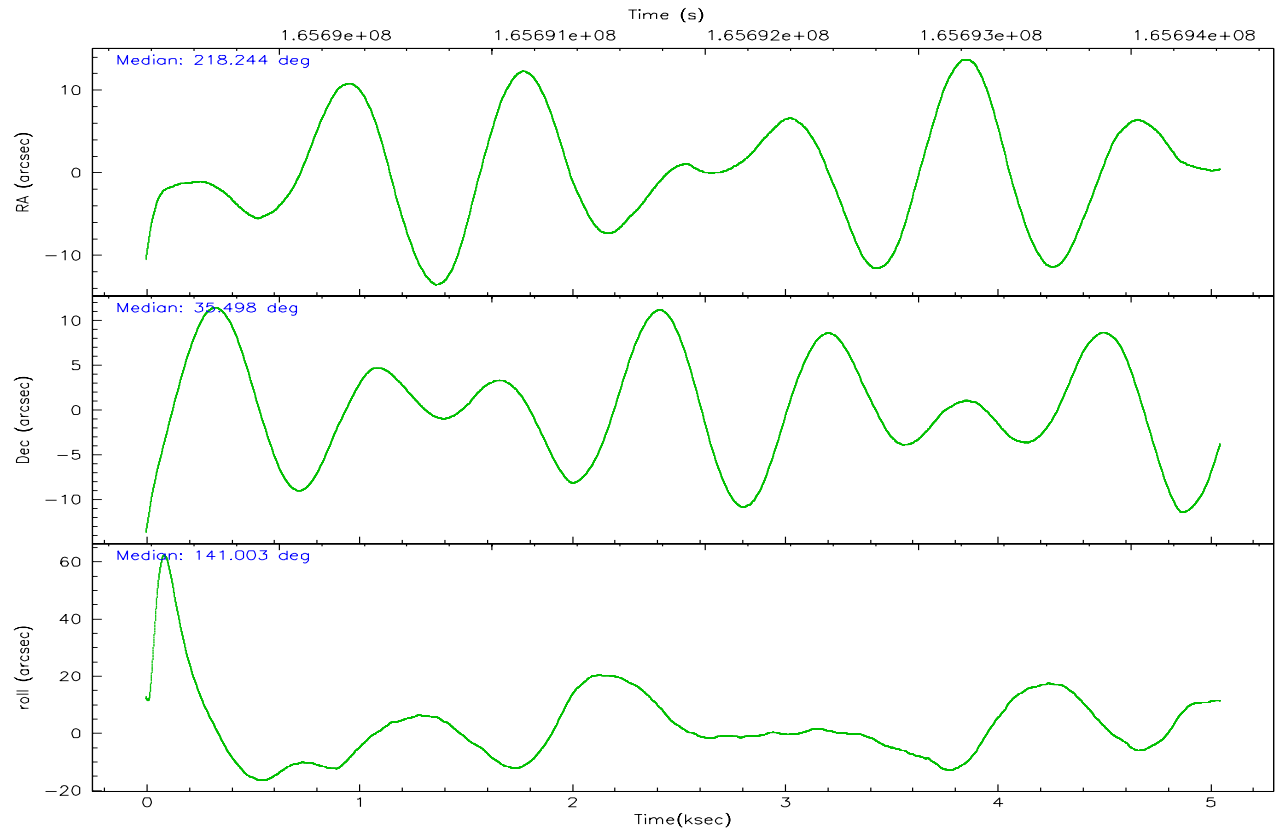
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	891	904	932	914	979
	3%	3%	3%	3%	3%
grade 1 events	15	10	14	19	9
	0%	0%	0%	0%	0%
grade 2 events	661	538	589	540	545
	2%	2%	2%	1%	2%
grade 3 events	291	317	264	308	320
	1%	1%	0%	1%	1%
grade 4 events	291	284	259	262	290
	1%	1%	0%	0%	1%
grade 5 events	766	817	702	861	923
	3%	3%	2%	3%	3%
grade 6 events	462	552	447	461	510
	1%	2%	1%	1%	2%
grade 7 events	20985	19558	24034	23763	21012
	86%	85%	88%	87%	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	218.277476	218.2441863942231	Alternating exposures requested	N	N
Pointing Dec	35.493772	35.49787864797538	Primary exposure time	0.000000	3.1
Pointing Roll	140.782256	141.0100996362054			
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	165689520.184000	165688451.7375			
Observation start date	2003-04-02T16:50:56	2003-04-02T16:34:11			
Observation end time	165694420.184000	165694612.50026			
Observation end date	2003-04-02T18:12:36	2003-04-02T18:16:52			
Read mode	TIMED	TIMED			

2.3 Aspect



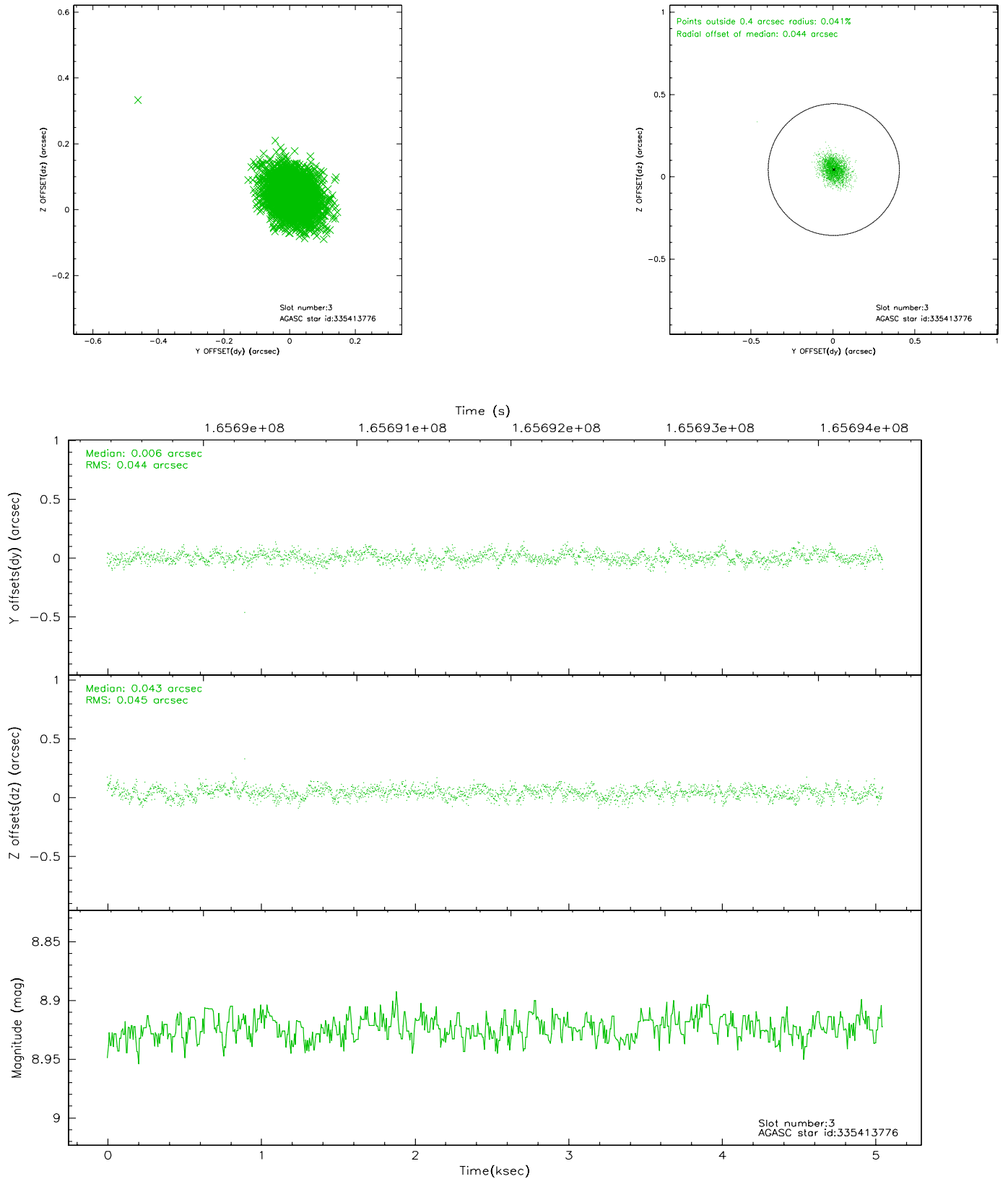


Slot Statistics

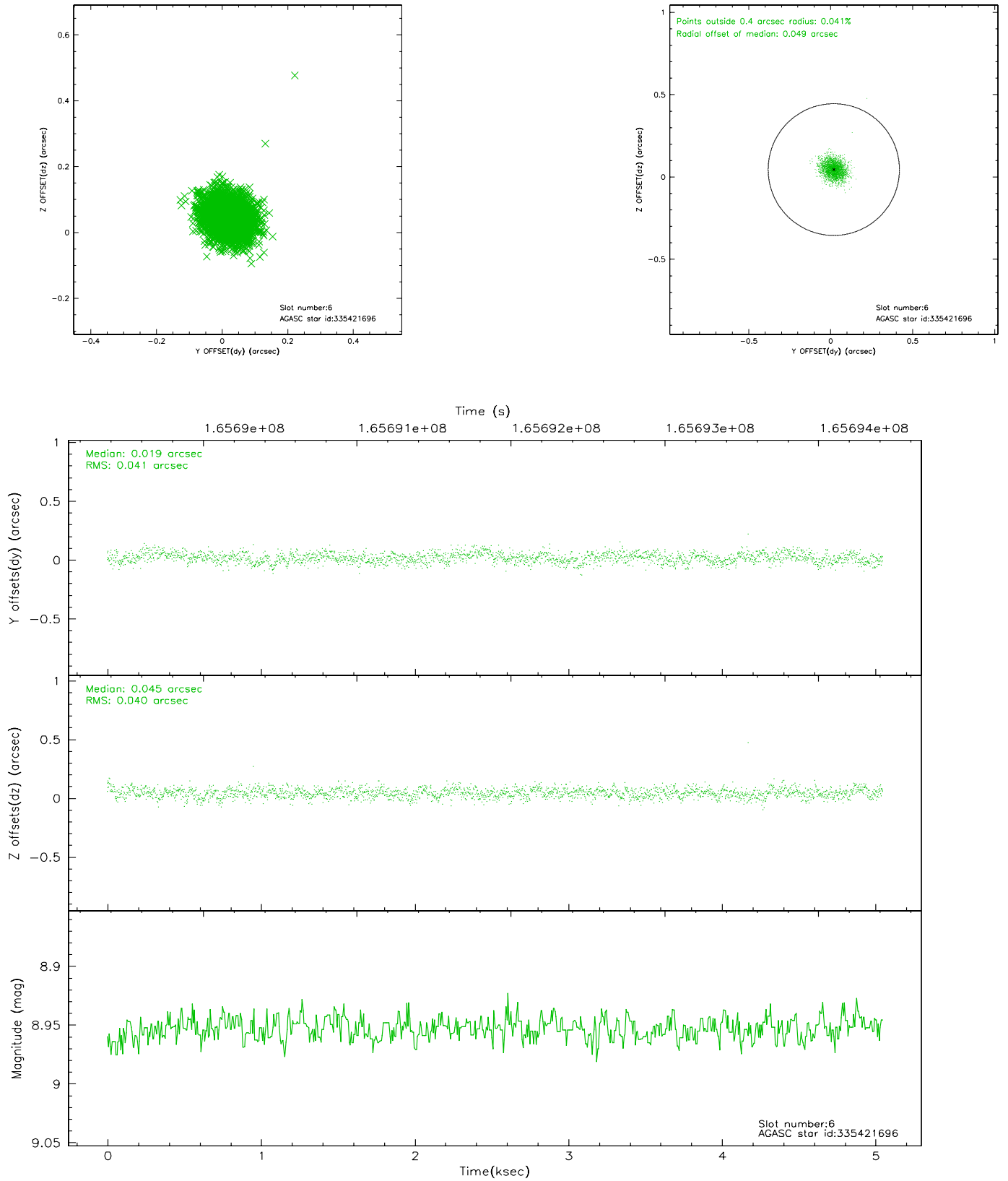
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	1232	-0.029	0.068	0.008	0.014	0.000000	0.000000	937.82	-830.87
1	FID	ACIS-I-5	7.23	1232	-0.025	0.038	0.006	0.010	0.000000	0.000000	-1809.57	1066.04
2	FID	ACIS-I-6	7.26	1232	-0.037	-0.036	0.008	0.013	0.000000	0.000000	402.10	1711.79
3	GUIDE	335413776	8.92	2464	0.006	0.043	0.066	0.109	218.421411	36.051962	946.89	-1822.13
4	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
5	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
6	GUIDE	335421696	8.95	2464	0.019	0.045	0.061	0.098	218.045699	35.772449	1159.90	-350.77
7	GUIDE	335422272	9.48	2463	-0.025	-0.088	0.079	0.126	217.586135	35.522660	1640.29	1194.14

2.4 Star Slots

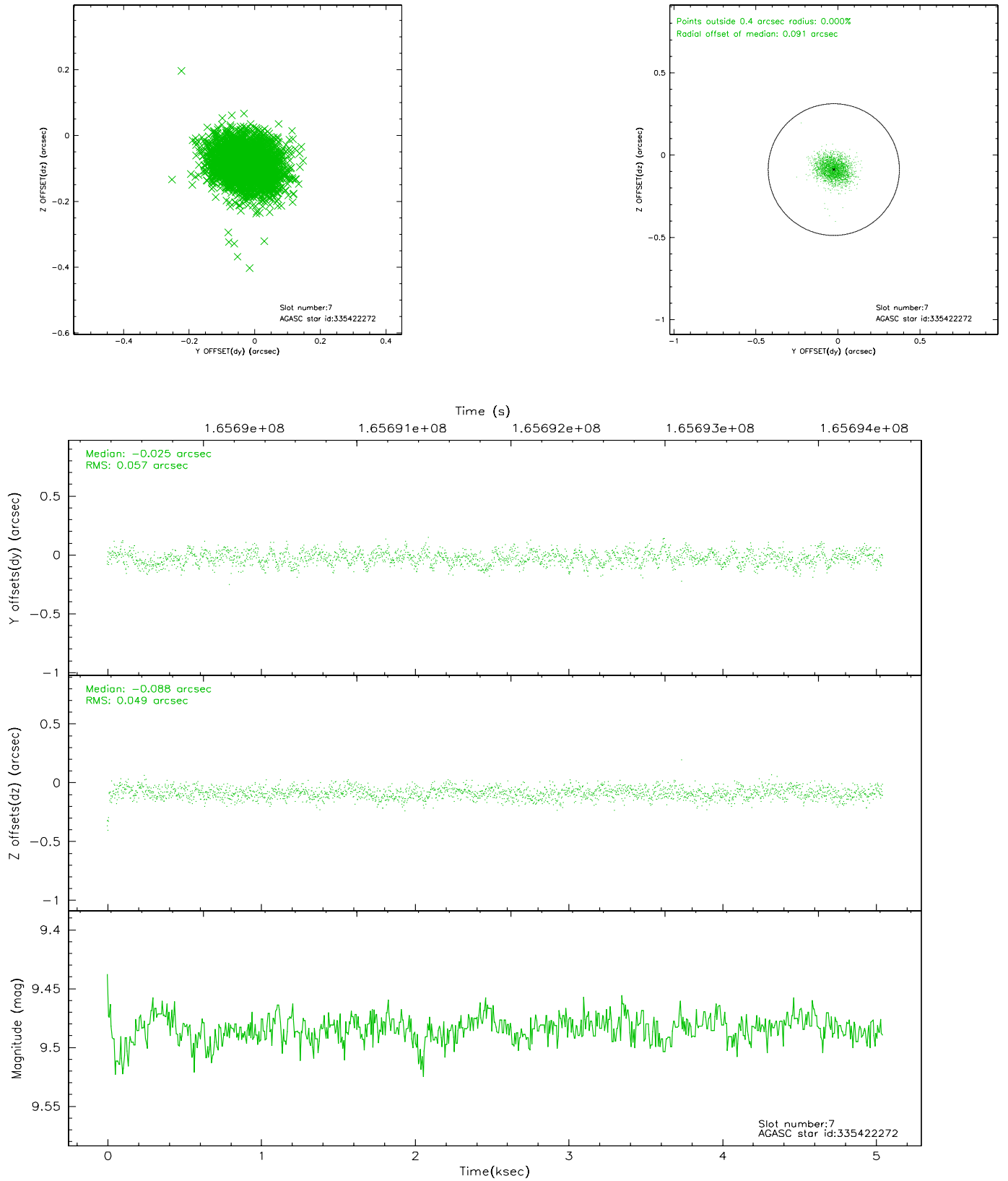
2.4.1 Slot 3



2.4.2 Slot 6

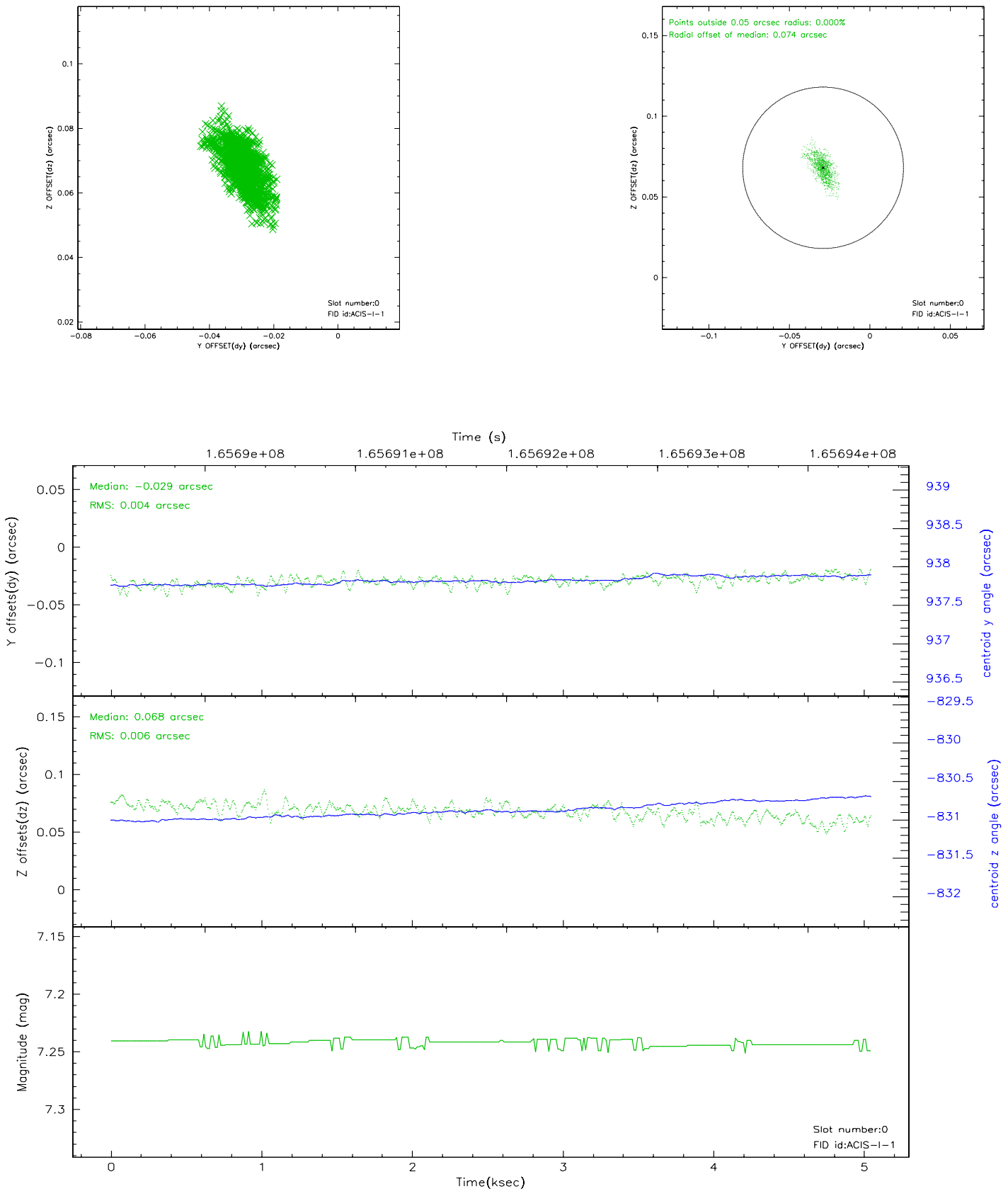


2.4.3 Slot 7

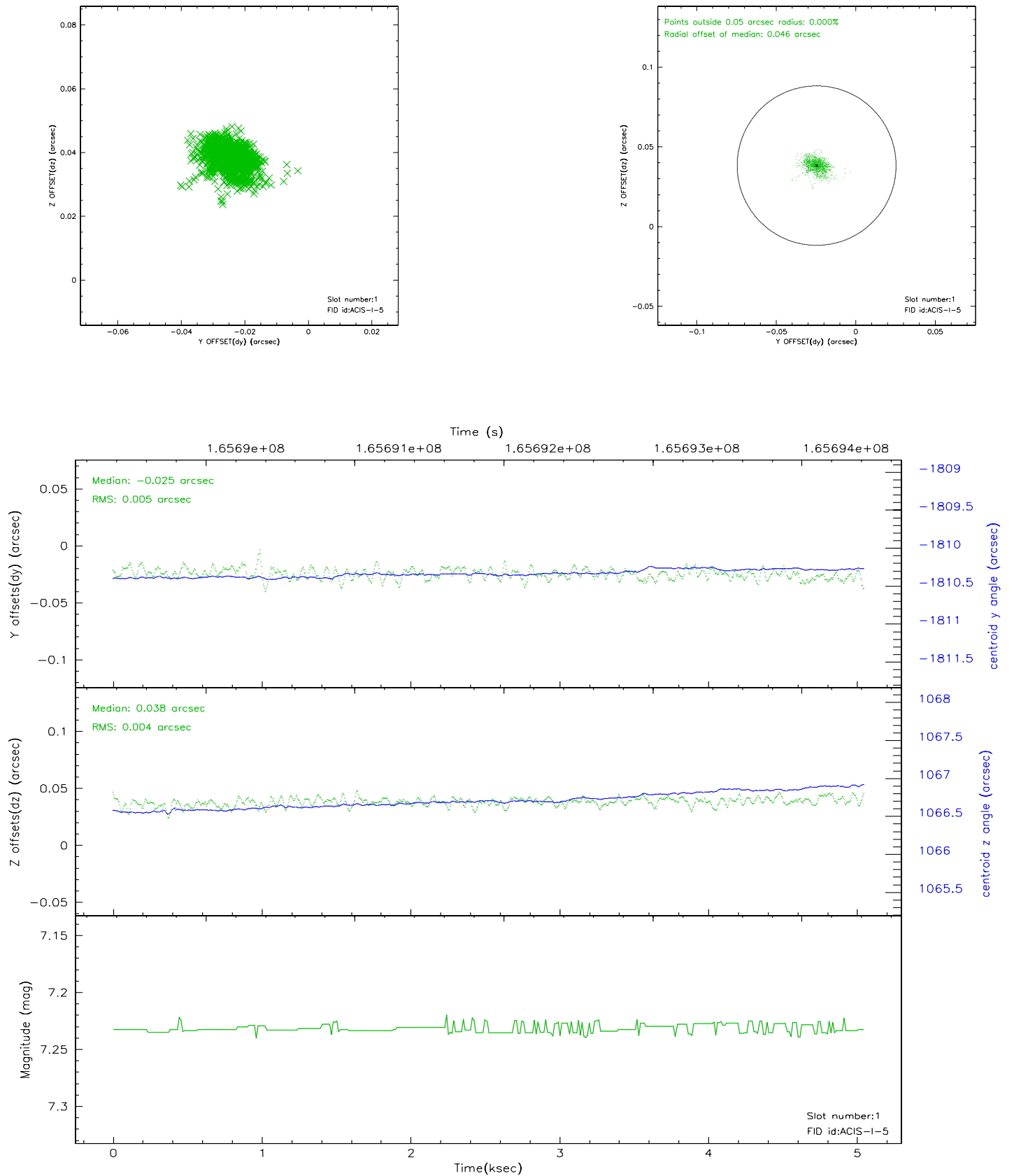


2.5 FID Slots

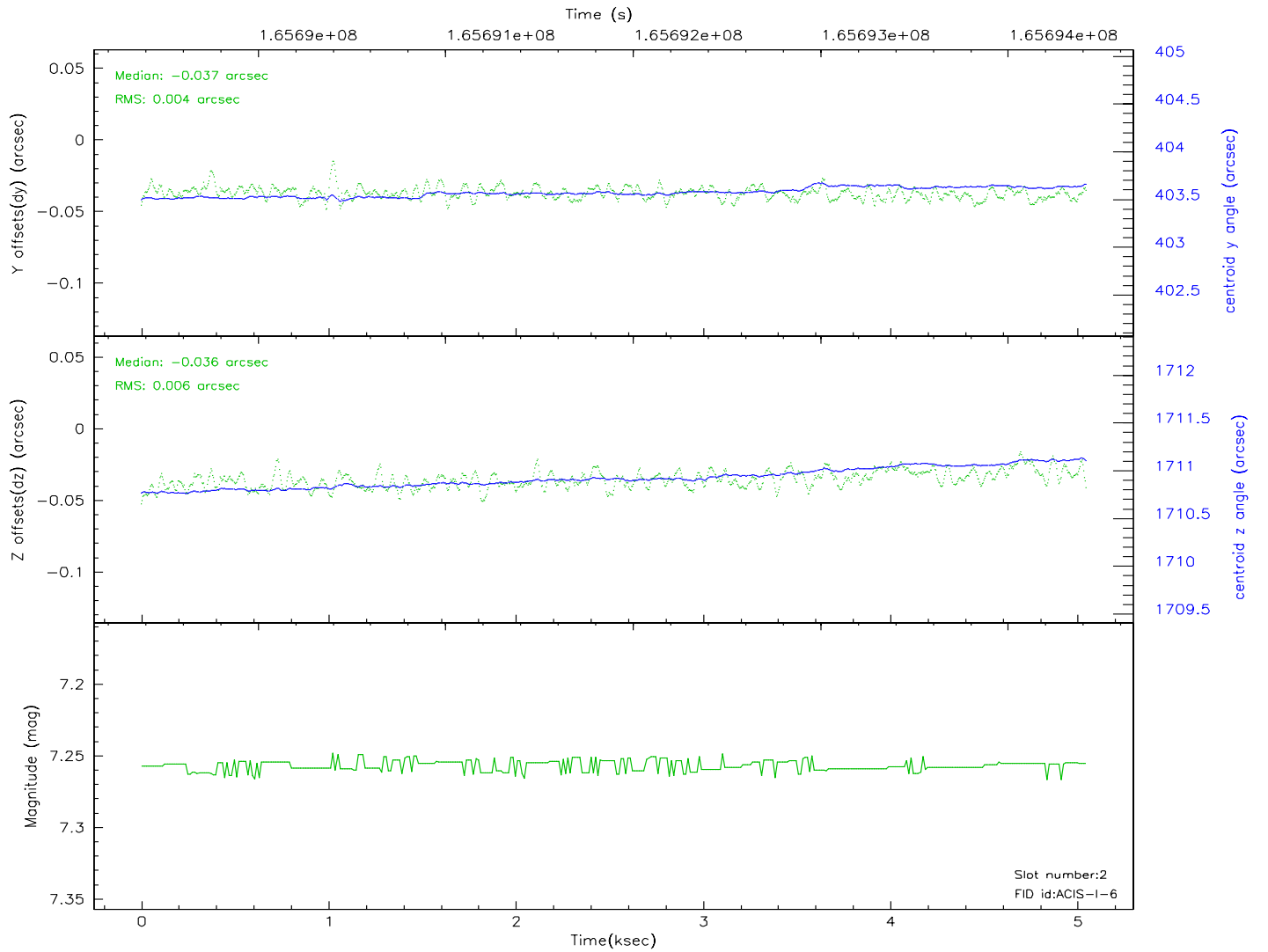
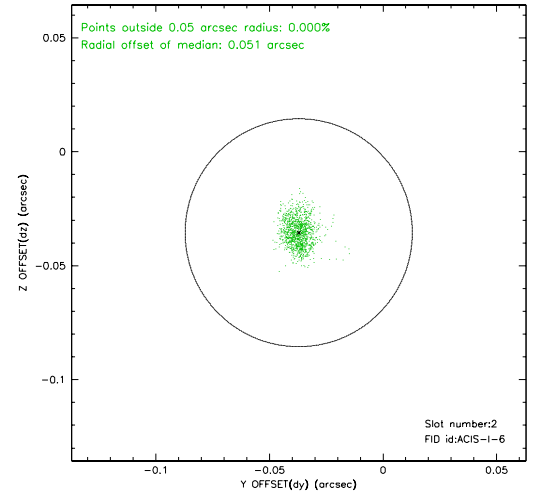
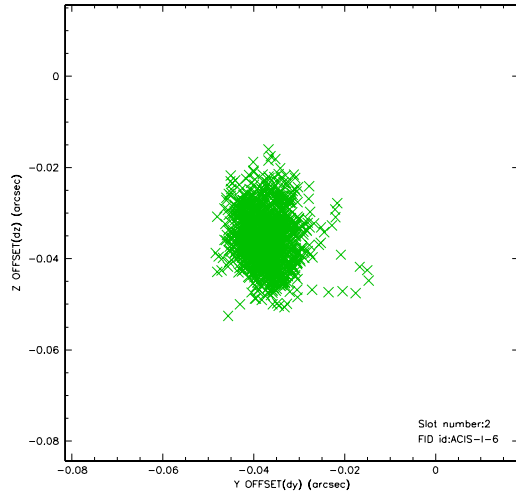
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

4.16 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	5.043

A.2 Comments

The guide stars in slots 4 and 5 were manually excluded from the processing due to poor data quality.