

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3613 - L2 Version 3
Chandra X-Ray Center

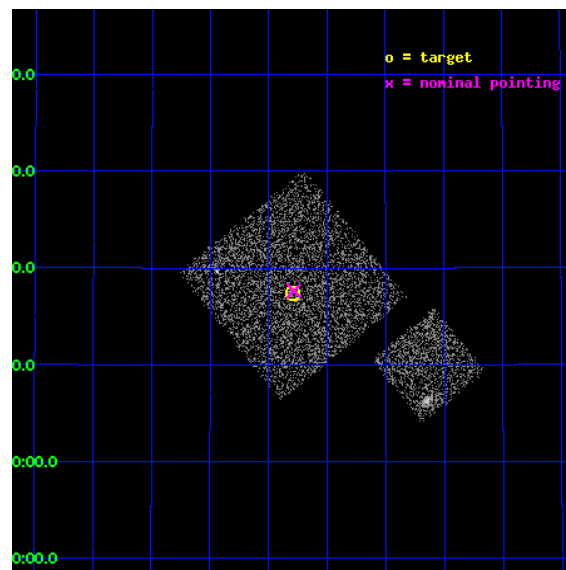
L2 Processing Date : Oct 26 2012

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1 Front

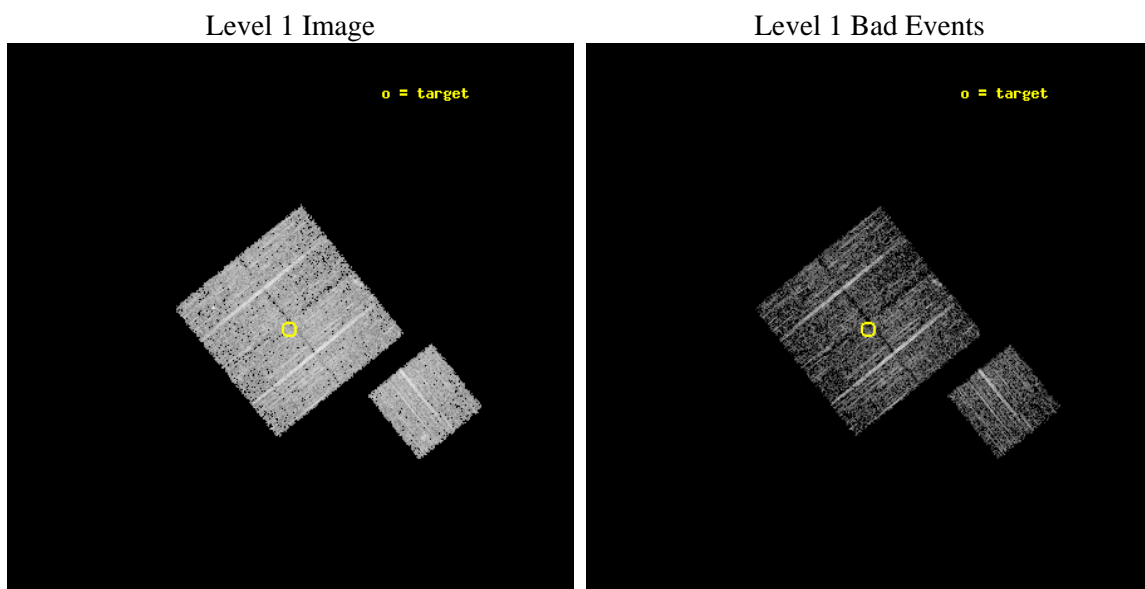
seq_num	900213	Sequence number
obs_id	3613	Observation id
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD	Proposal
observer	Dr. Stephen Murray	Principal investigator
object	NOAO FIELD F3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	219.323765	Observer's specified target RA [deg]
dec_targ	35.290164	Observer's specified target Dec [deg]
ra_nom	219.32111249718	Nominal RA [deg]
dec_nom	35.294274125723	Nominal Dec [deg]
roll_nom	141.01024004476	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4667.7915849686	Sum of GTIs [s]
livetime	4606.8034515328	Livetime [s]
ontime0	4673.9503656328	Sum of GTIs [s]
ontime1	4673.9914056361	Sum of GTIs [s]
ontime2	4674.0324456394	Sum of GTIs [s]
ontime3	4667.7915849686	Sum of GTIs [s]
ontime6	4673.9093256295	Sum of GTIs [s]
l2events	9615	Number of level 2 events



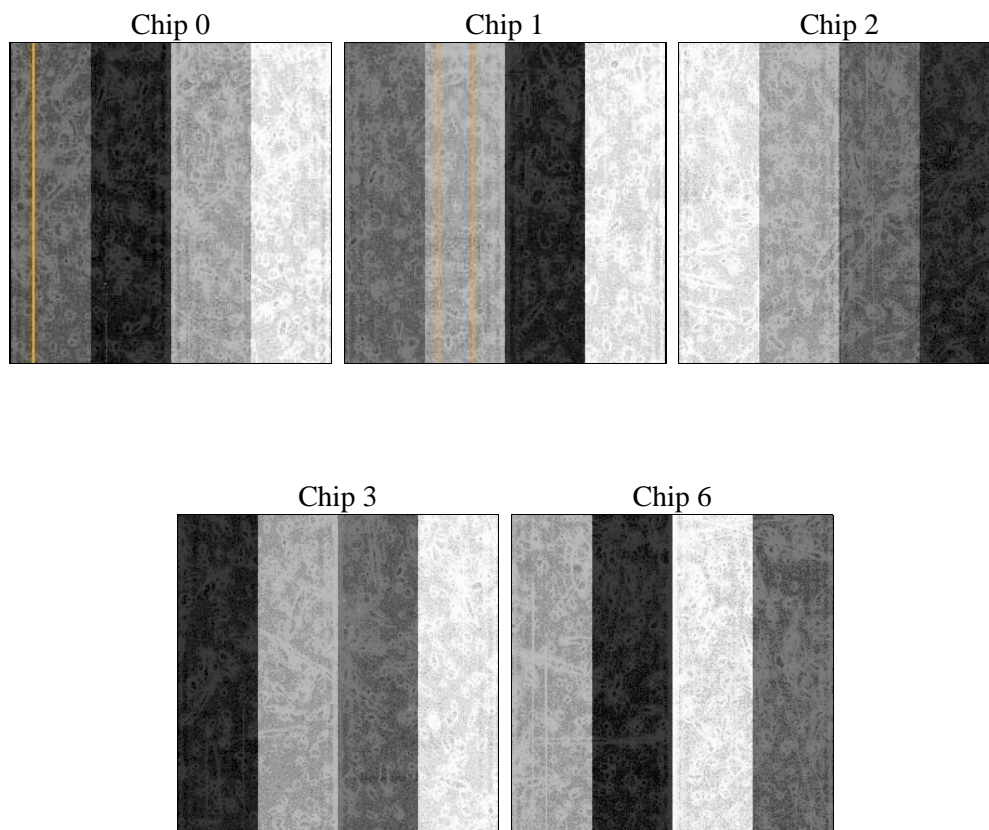
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4667.7915849686	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4673.9503656328	Sum of GTIs [s]
date	2012-10-26T00:14:41	Date and time of file creation	ontime1	4673.9914056361	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4674.0324456394	Sum of GTIs [s]
			ontime3	4667.7915849686	Sum of GTIs [s]
			ontime6	4673.9093256295	Sum of GTIs [s]
			l1events	116037	Number of level 1 events

2.1.4 Events

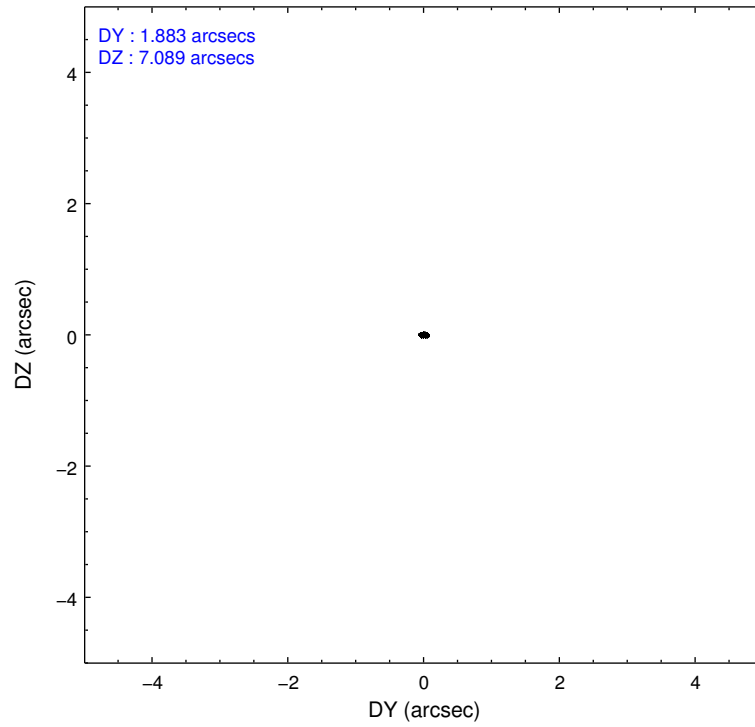
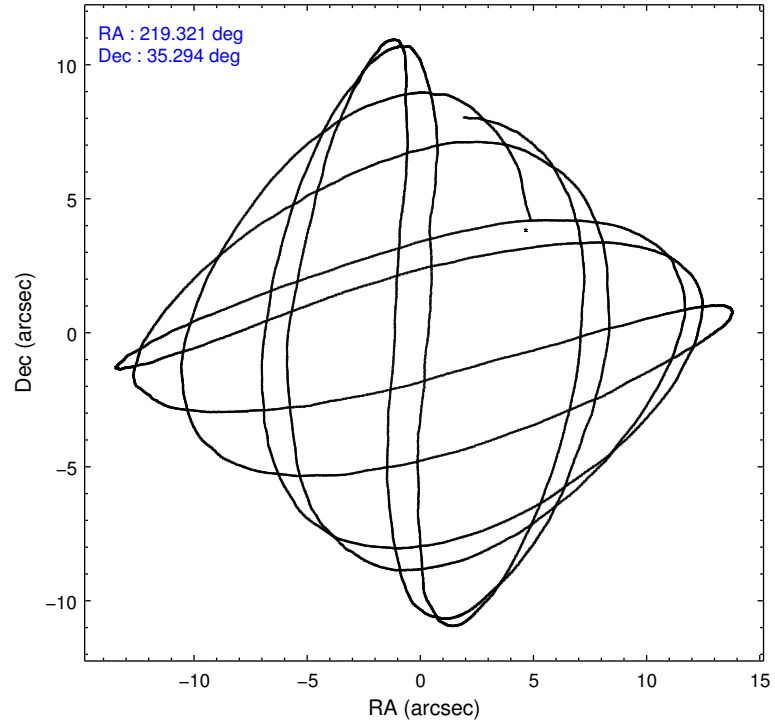
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	20967	22513	24959	23750	23848
rejected events	18833	19847	22725	21556	21398
rejected %	89%	88%	91%	90%	89%

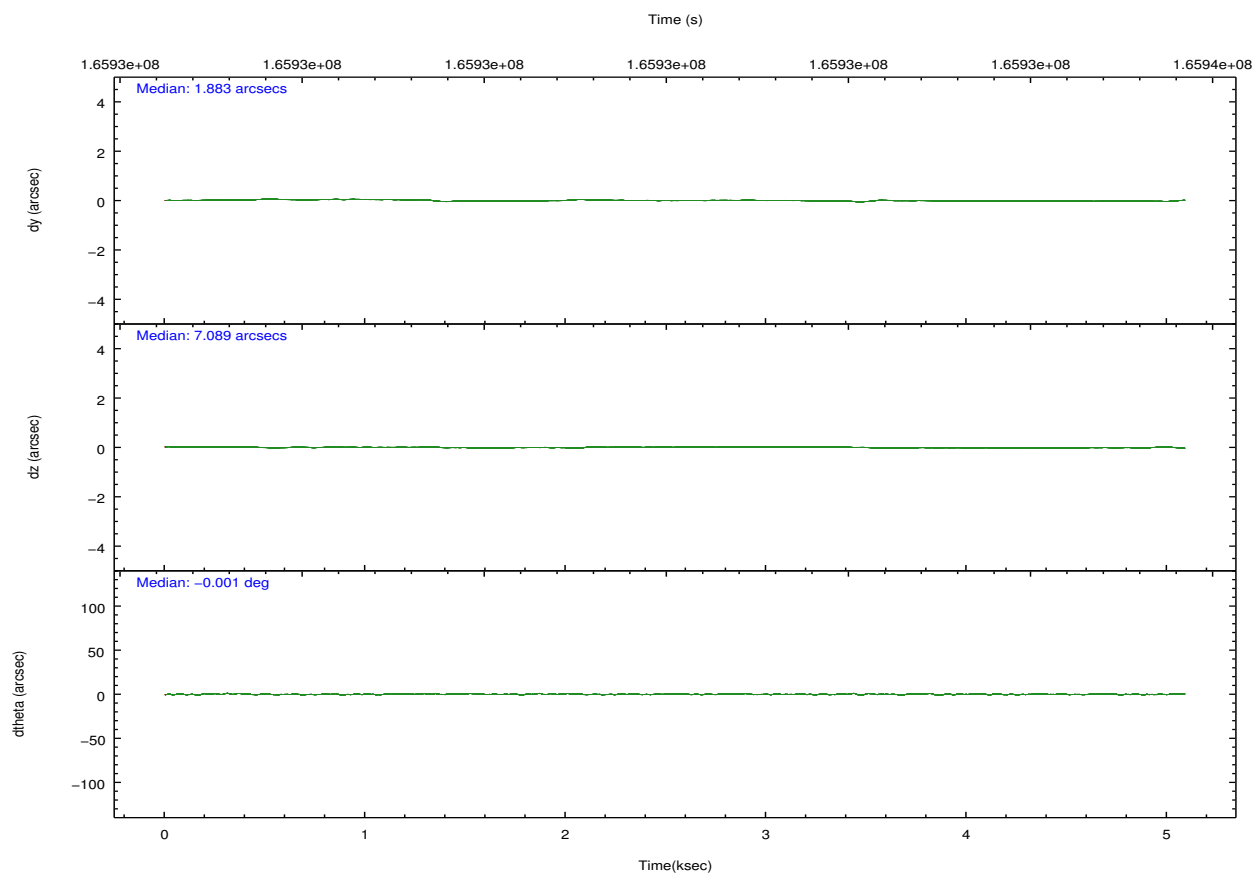
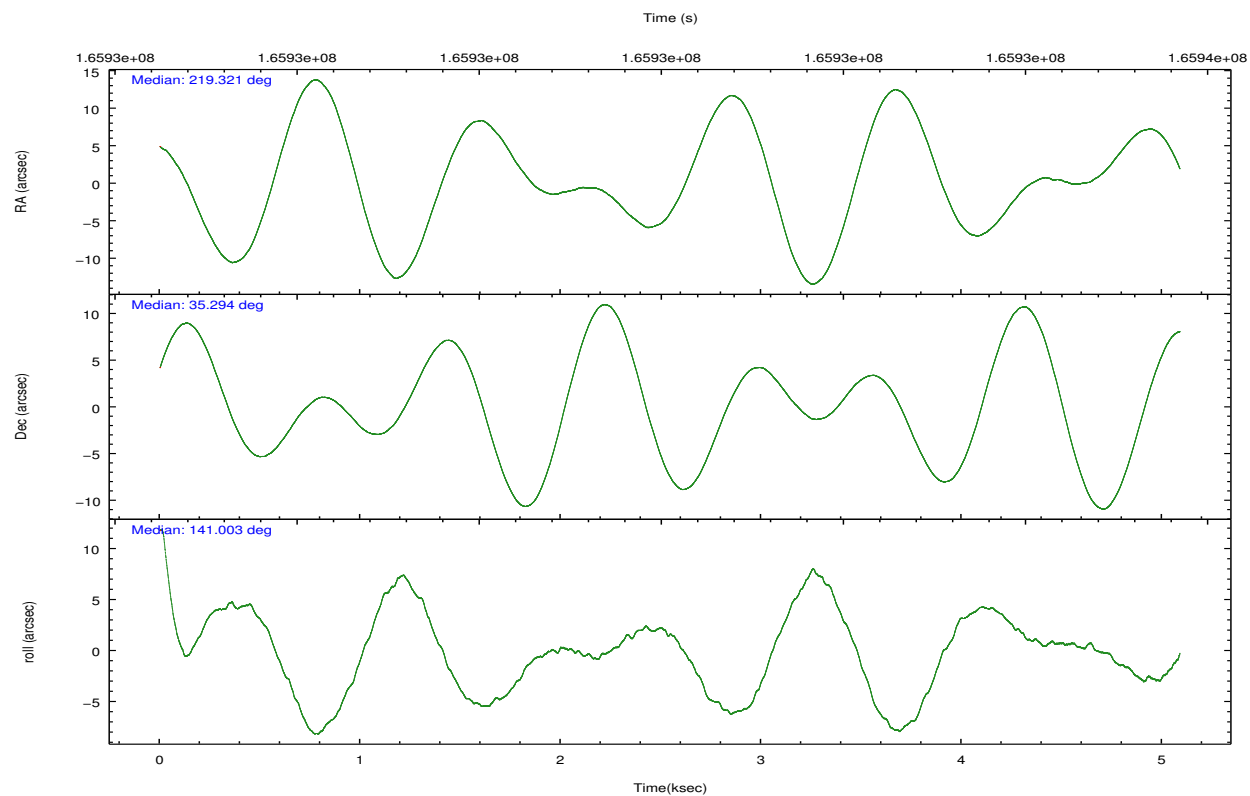
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	757	993	785	803	967
	3%	4%	3%	3%	4%
grade 1 events	7	14	13	14	9
	0%	0%	0%	0%	0%
grade 2 events	457	515	513	434	518
	2%	2%	2%	1%	2%
grade 3 events	258	315	249	272	270
	1%	1%	0%	1%	1%
grade 4 events	245	312	280	255	261
	1%	1%	1%	1%	1%
grade 5 events	645	791	632	731	768
	3%	3%	2%	3%	3%
grade 6 events	422	536	410	431	436
	2%	2%	1%	1%	1%
grade 7 events	18176	19037	22077	20810	20619
	86%	84%	88%	87%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	219.354257	219.3211124971811	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.290084	35.29427412572277	Alternating exposures requested	N	N
[deg] Pointing Roll	140.782379	141.0102400447567	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	165929697.184000	165929320.59767			
Observation start date	2003-04-05T11:33:53	2003-04-05T11:28:40			
[s] Observation end time (MET)	165934597.184000	165934730.5479			
Observation end date	2003-04-05T12:55:33	2003-04-05T12:58:50			
Read mode	TIMED	TIMED			

2.3 Aspect



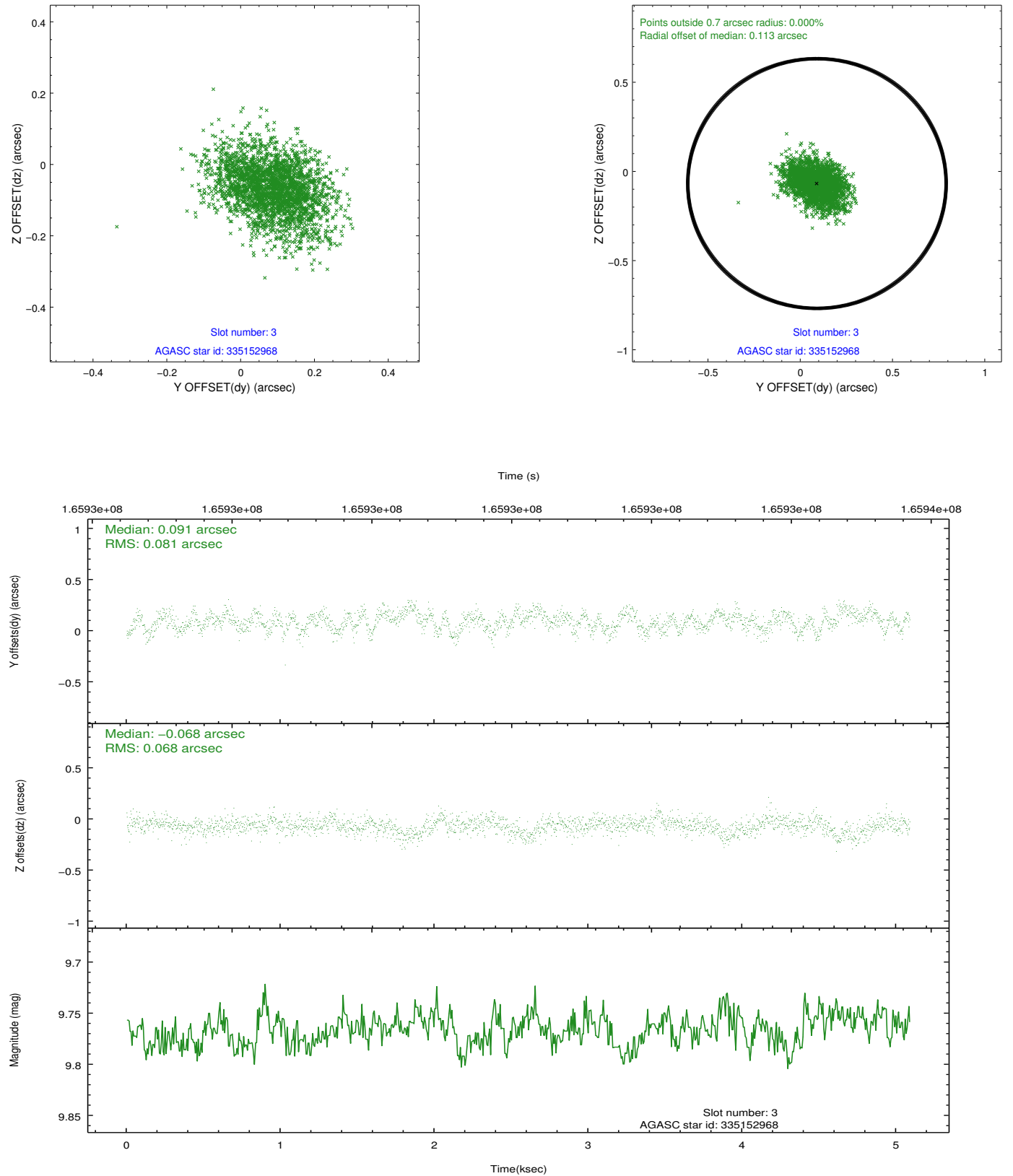


Slot Statistics

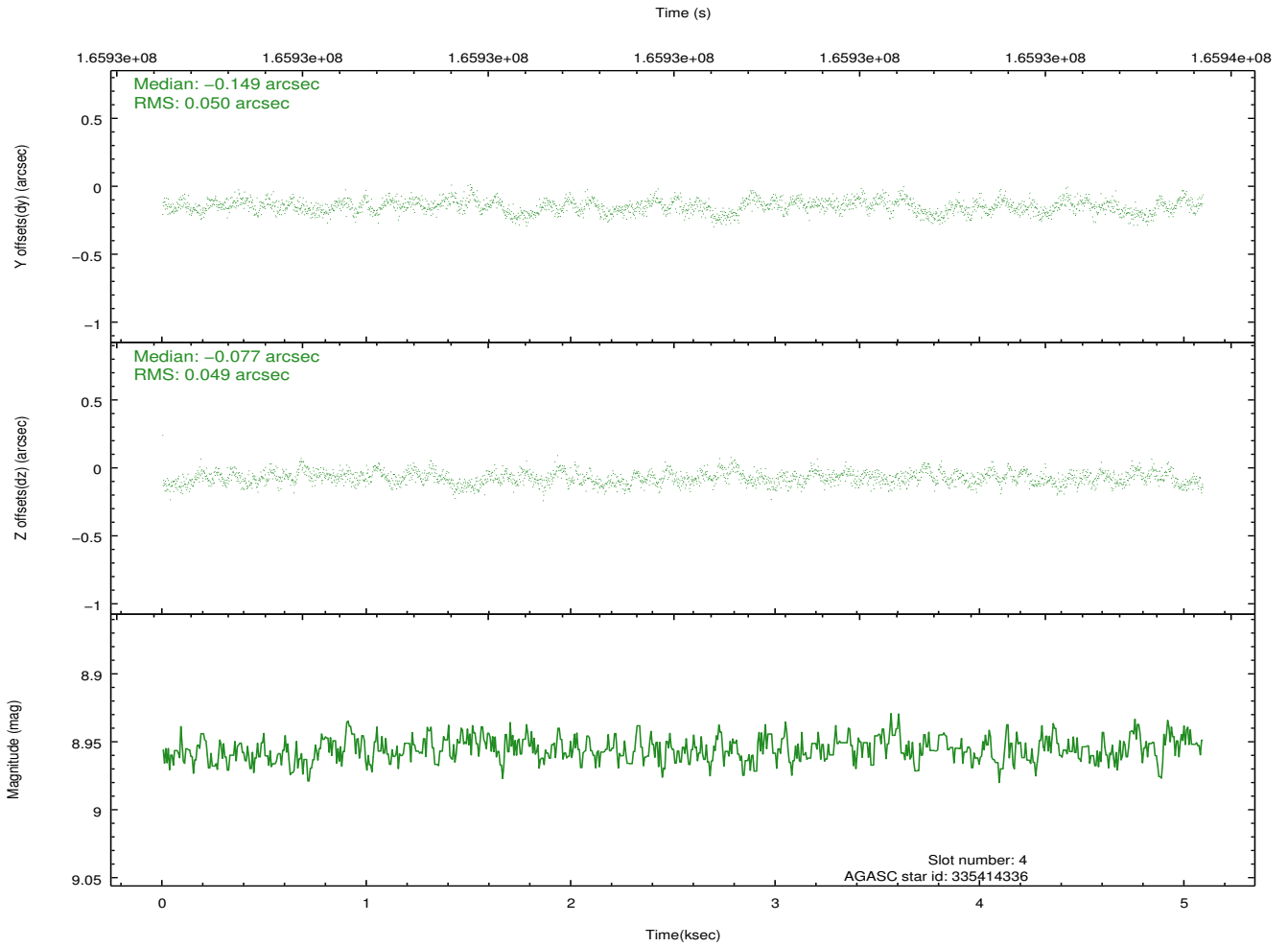
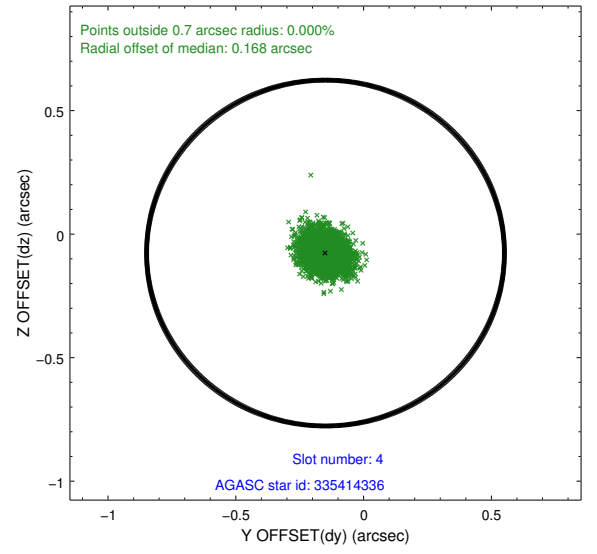
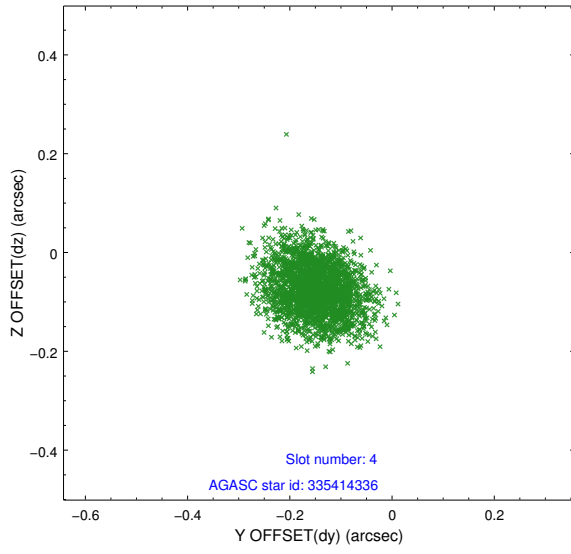
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1242	0.007	0.014	0.006	0.010	0.000000	0.000000	937.92	-830.49
1	FID	ACIS-I-5	7.23	1242	-0.073	0.053	0.006	0.010	0.000000	0.000000	-1809.55	1066.51
2	FID	ACIS-I-6	7.26	1242	-0.026	0.004	0.006	0.011	0.000000	0.000000	402.21	1712.26
3	GUIDE	335152968	9.77	2480	0.091	-0.068	0.112	0.187	219.446087	34.867883	-1171.06	1006.19
4	GUIDE	335414336	8.96	2483	-0.149	-0.077	0.074	0.120	218.979022	35.090910	403.72	1253.51
5	GUIDE	335545712	9.87	2480	0.005	0.127	0.106	0.174	220.165930	35.199137	-2050.22	-1262.88
6	GUIDE	335546608	10.06	2480	0.106	-0.019	0.114	0.196	219.906522	35.245587	-1356.79	-906.36
7	GUIDE	335549864	7.53	2481	-0.048	0.038	0.098	0.152	219.286726	35.929745	1608.38	-1659.44

2.4 Star Slots

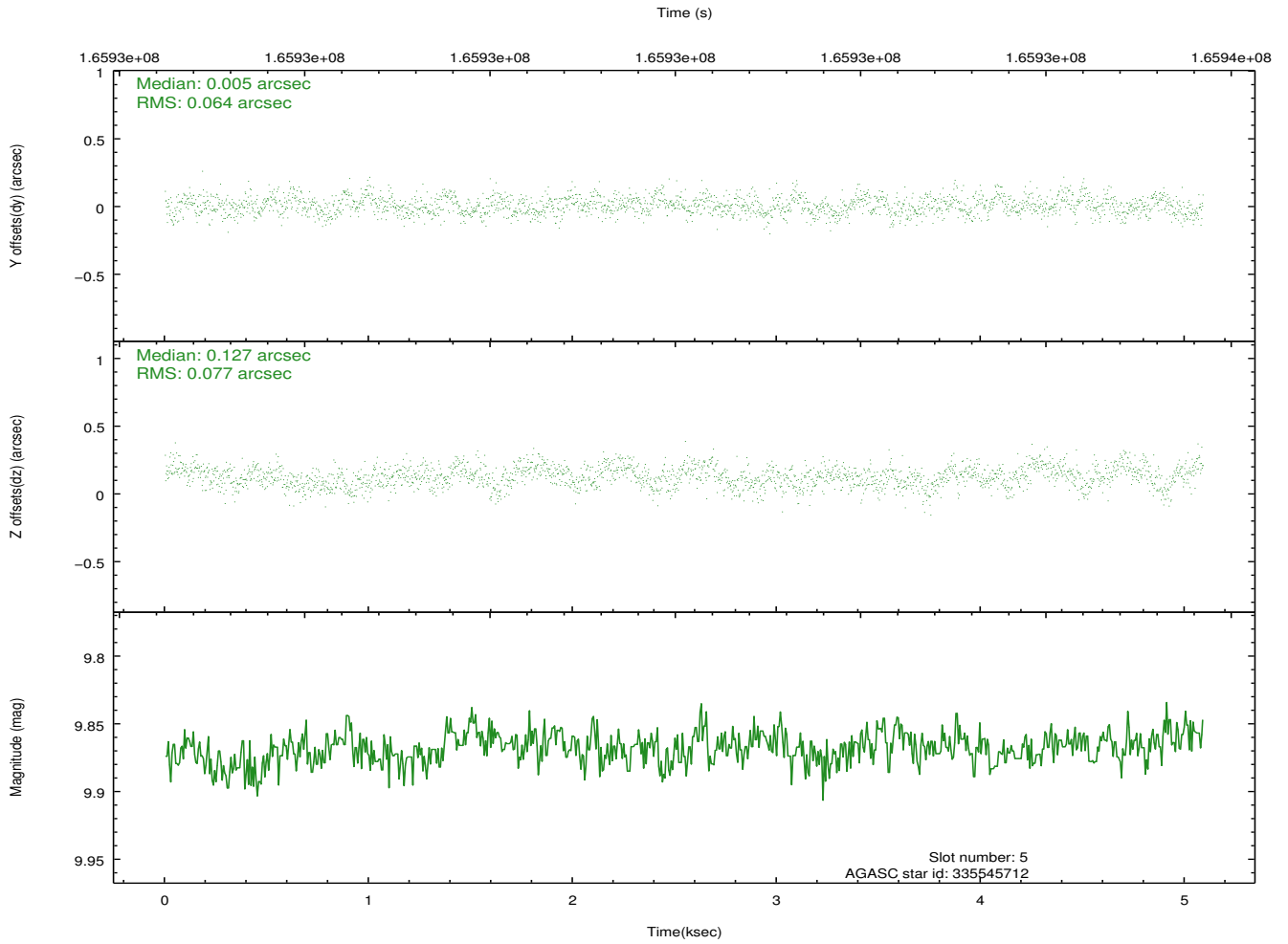
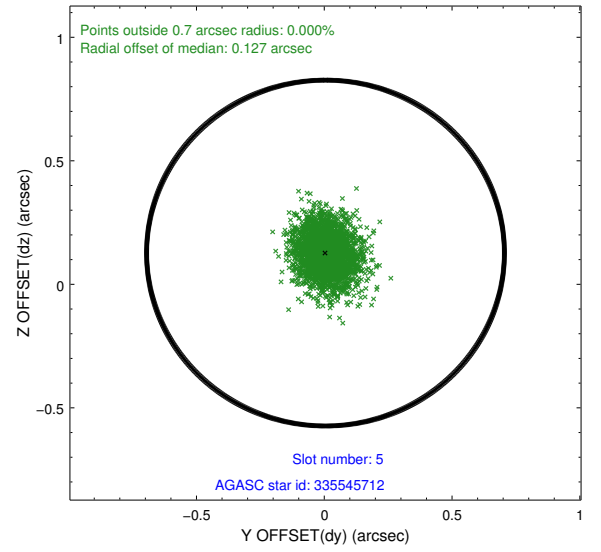
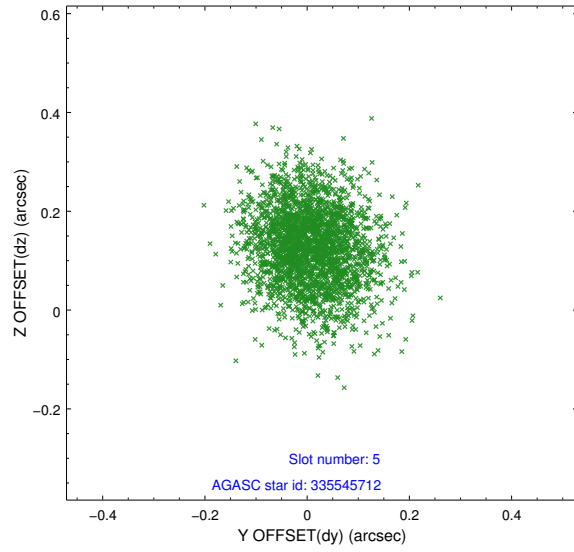
2.4.1 Slot 3



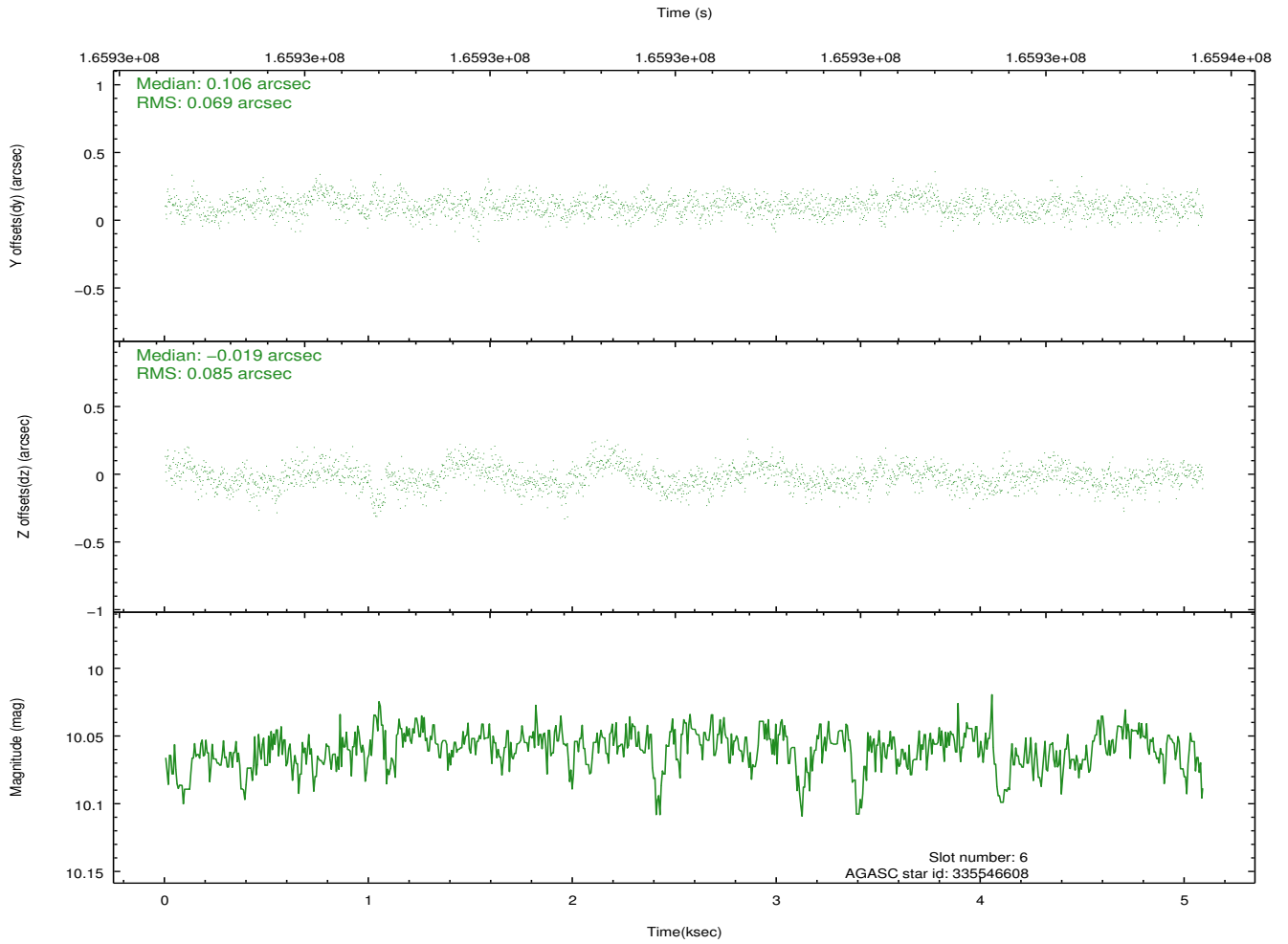
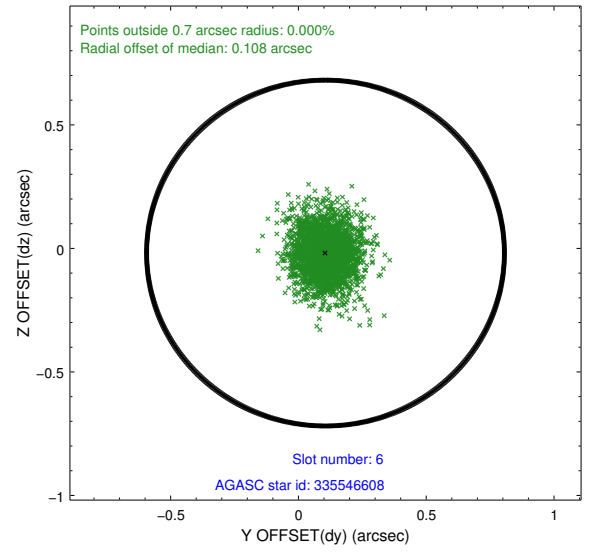
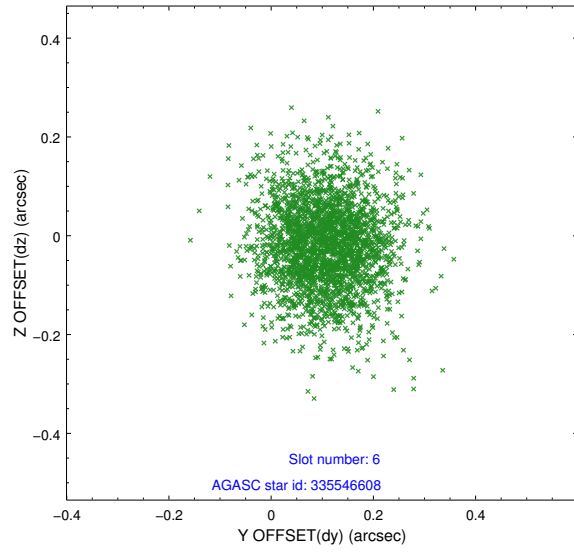
2.4.2 Slot 4



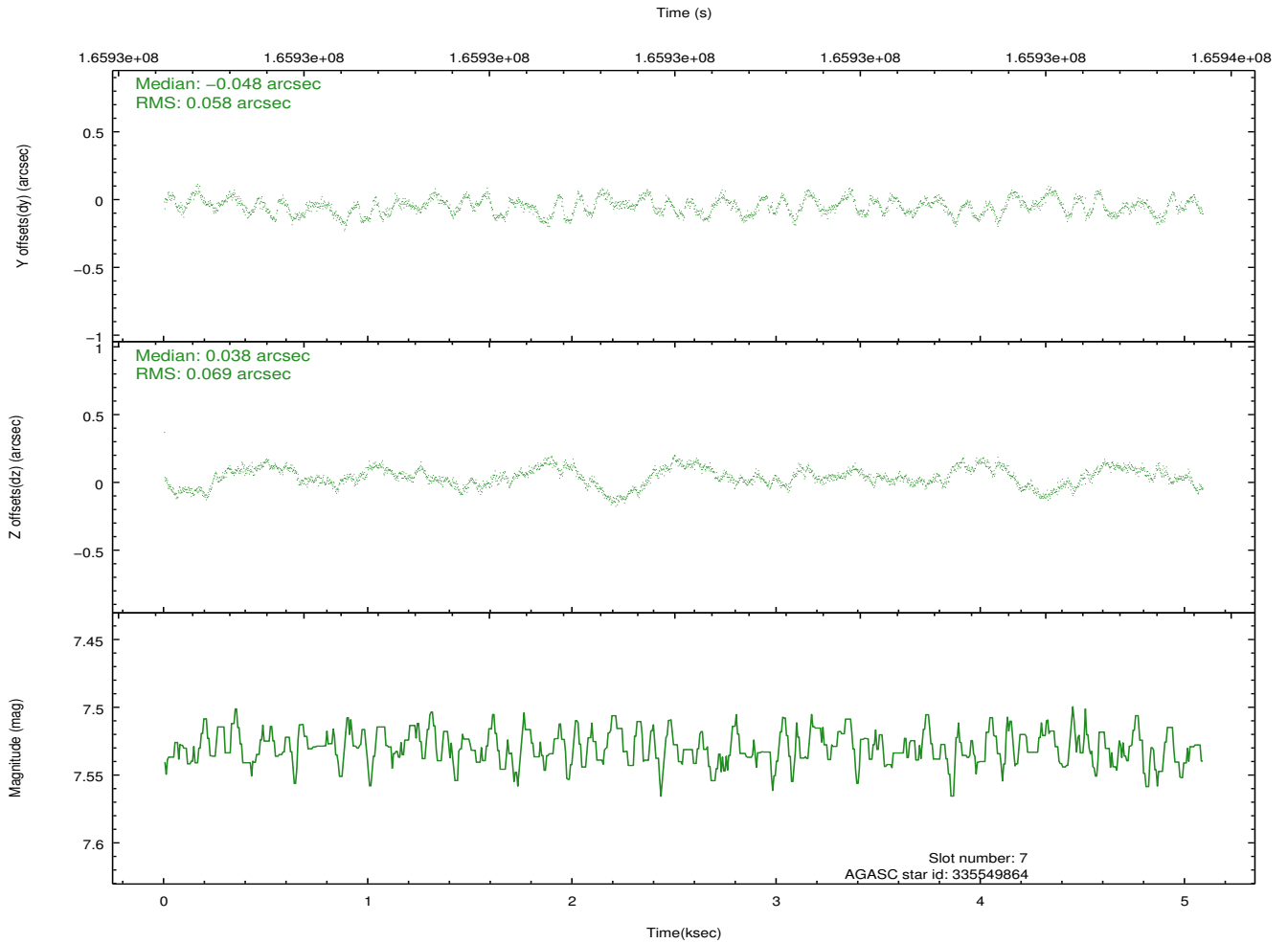
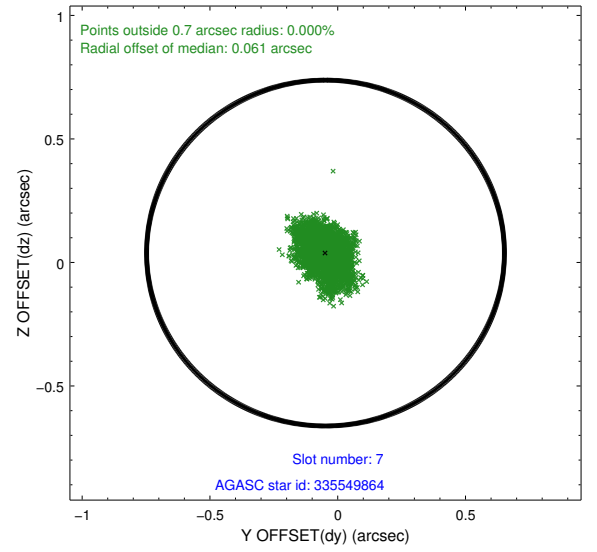
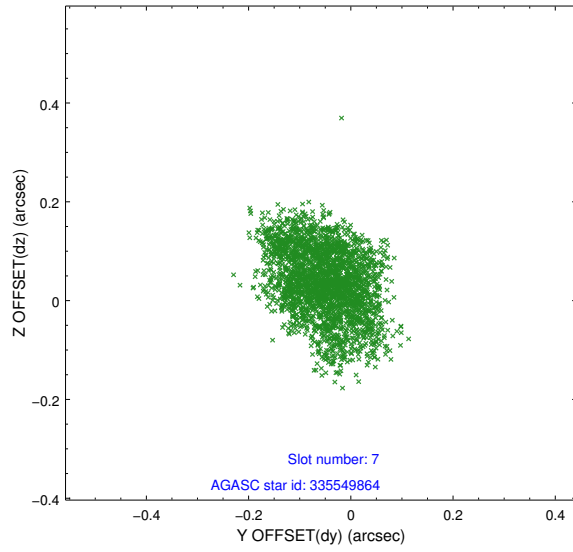
2.4.3 Slot 5



2.4.4 Slot 6

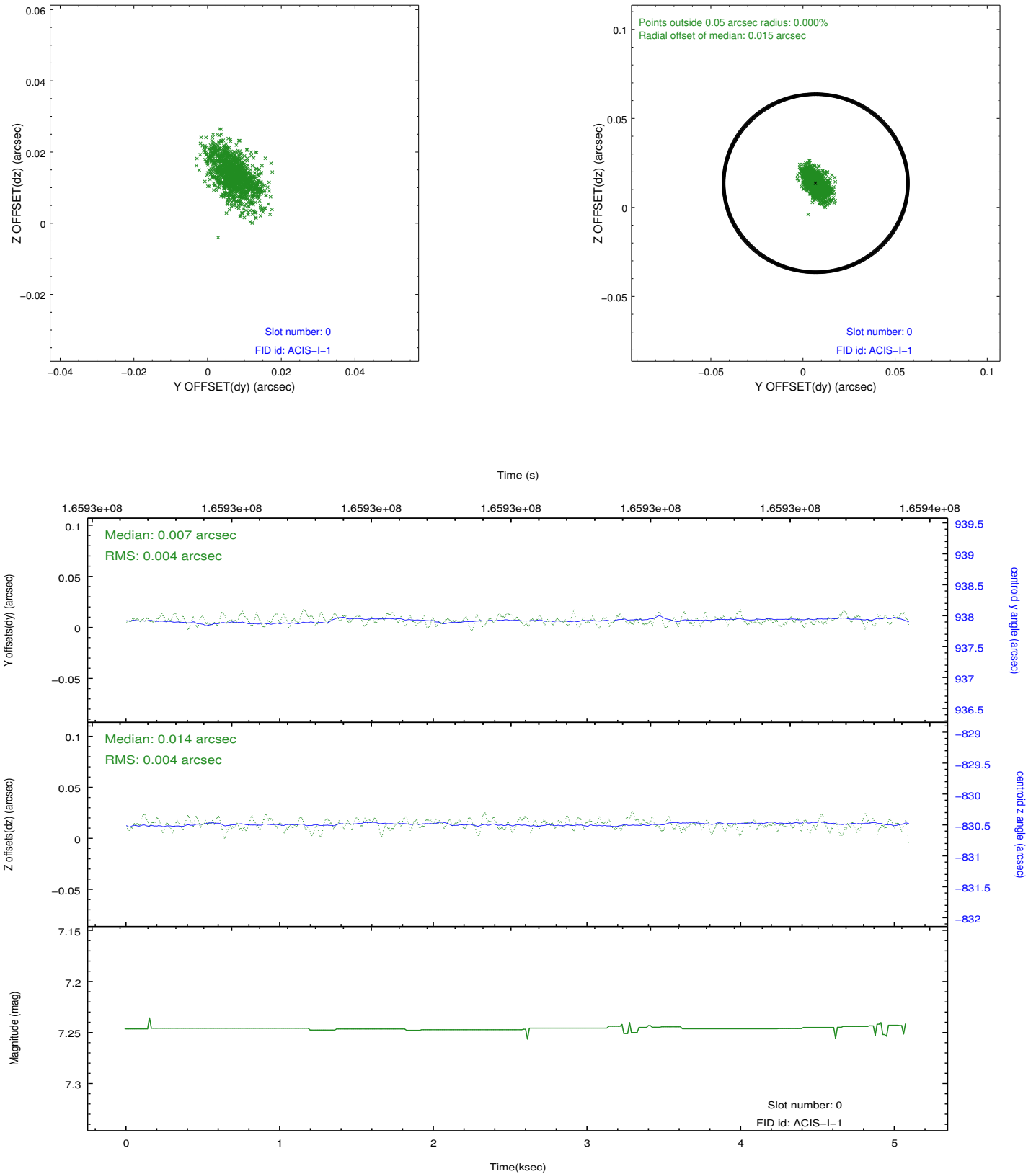


2.4.5 Slot 7

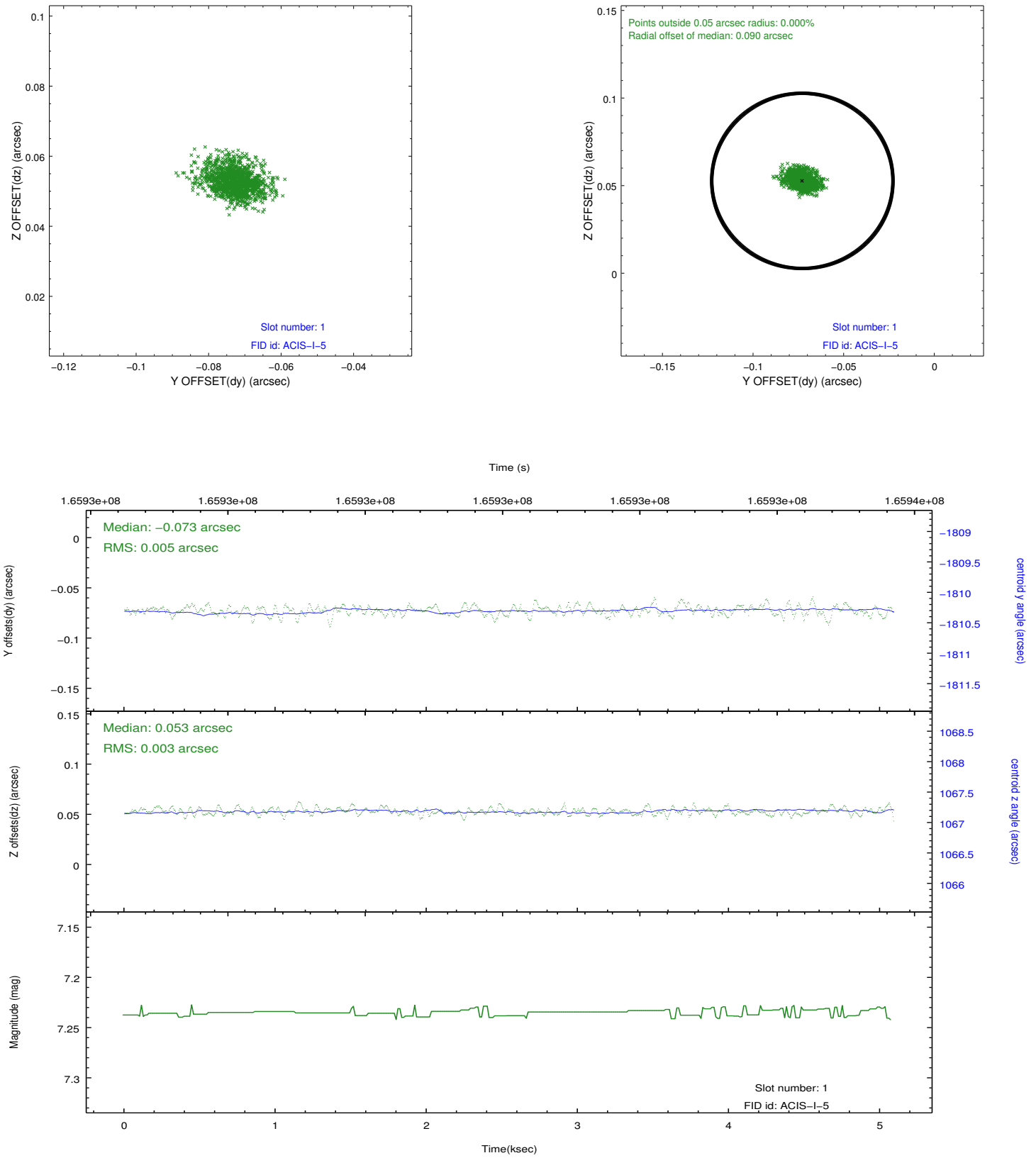


2.5 FID Slots

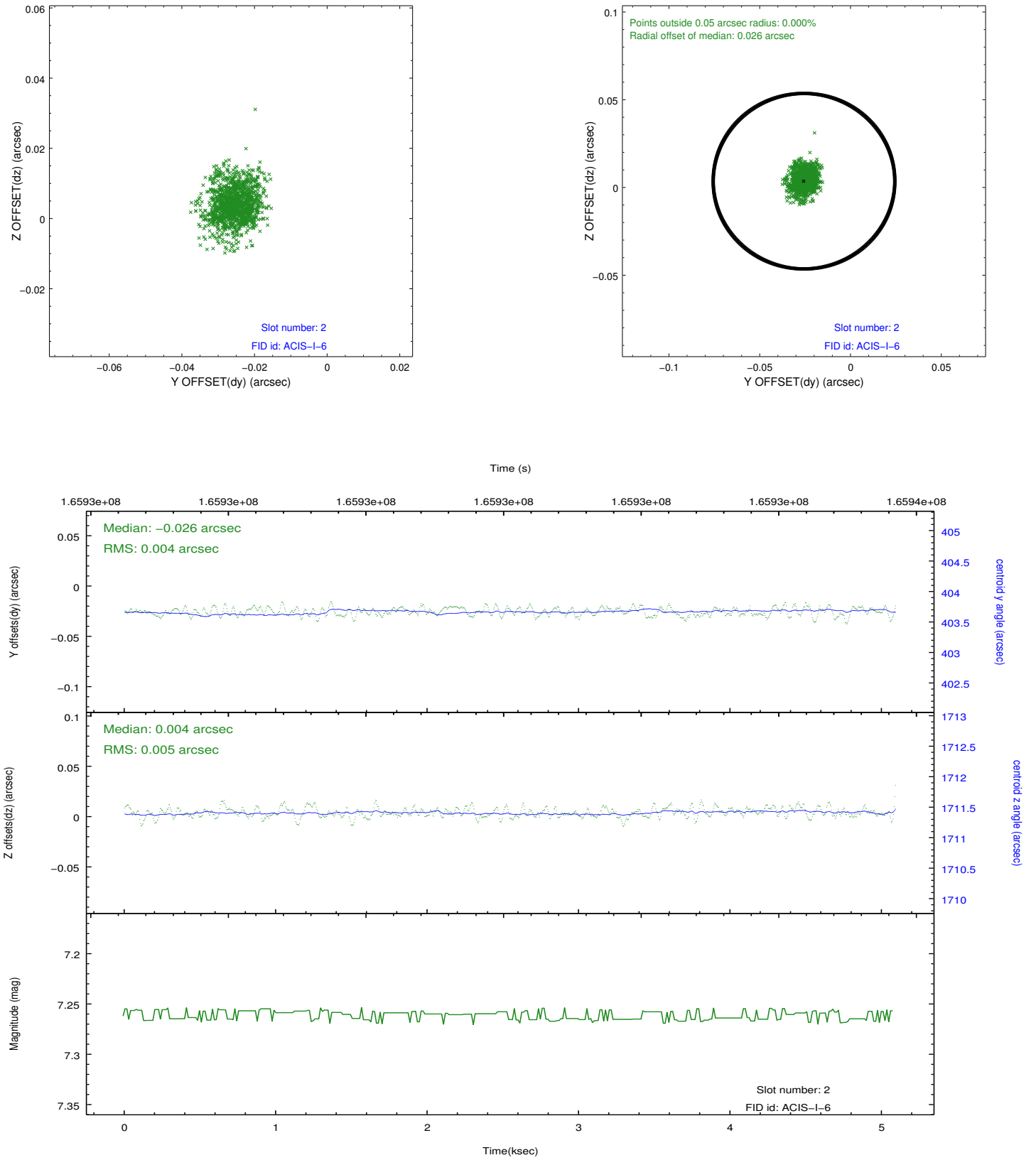
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.668

A.2 Comments