

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4254 - L2 Version 3
Chandra X-Ray Center

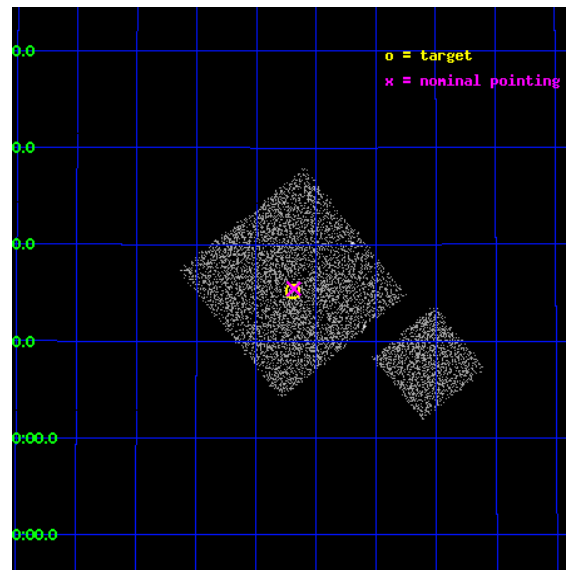
L2 Processing Date : Oct 26 2012

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1 Front

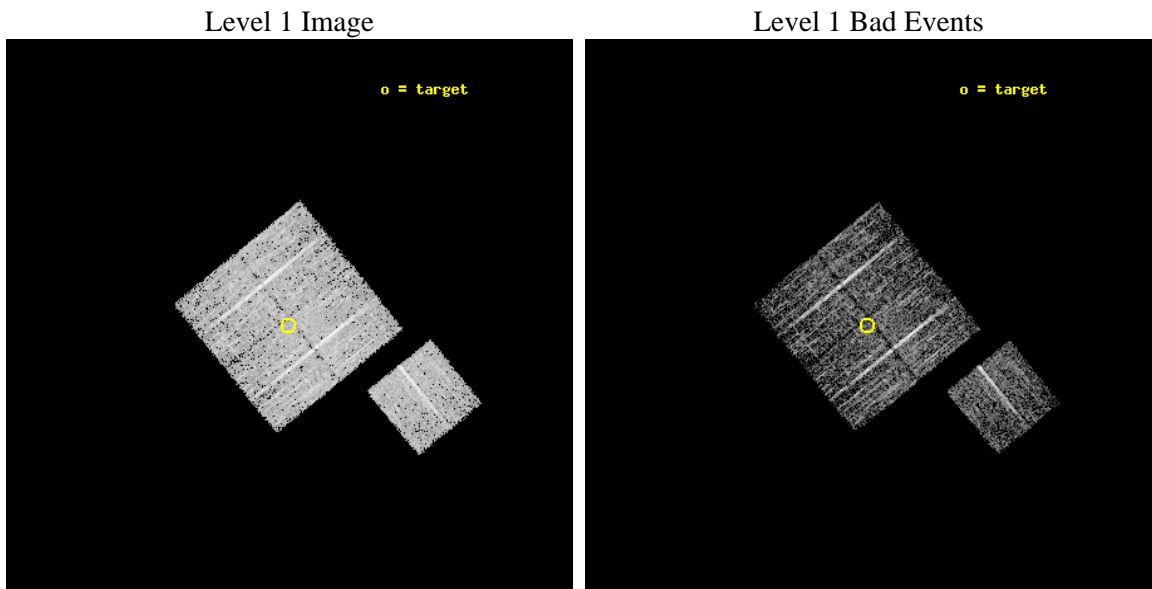
seq_num	900297	Sequence number
obs_id	4254	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS19	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.17418	Observer's specified target RA [deg]
dec_targ	33.253224	Observer's specified target Dec [deg]
ra_nom	217.17156020823	Nominal RA [deg]
dec_nom	33.257300118453	Nominal Dec [deg]
roll_nom	141.01013080009	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4574.9525868893	Sum of GTIs [s]
livetime	4515.1774633105	Livetime [s]
ontime0	4574.8294668794	Sum of GTIs [s]
ontime1	4574.8705068827	Sum of GTIs [s]
ontime2	4574.911546886	Sum of GTIs [s]
ontime3	4574.9525868893	Sum of GTIs [s]
ontime6	4574.7884268761	Sum of GTIs [s]
l2events	9052	Number of level 2 events



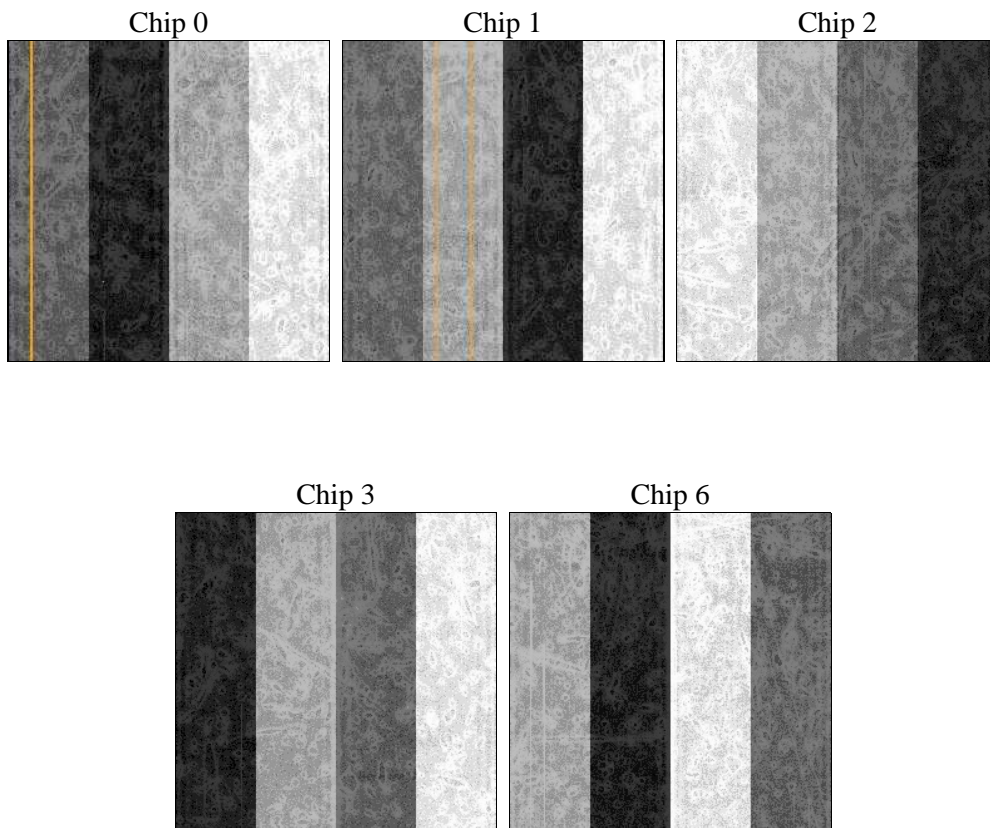
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4574.9525868893	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4574.8294668794	Sum of GTIs [s]
date	2012-10-26T00:17:20	Date and time of file creation	ontime1	4574.8705068827	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4574.911546886	Sum of GTIs [s]
			ontime3	4574.9525868893	Sum of GTIs [s]
			ontime6	4574.7884268761	Sum of GTIs [s]
			l1events	113726	Number of level 1 events

2.1.4 Events

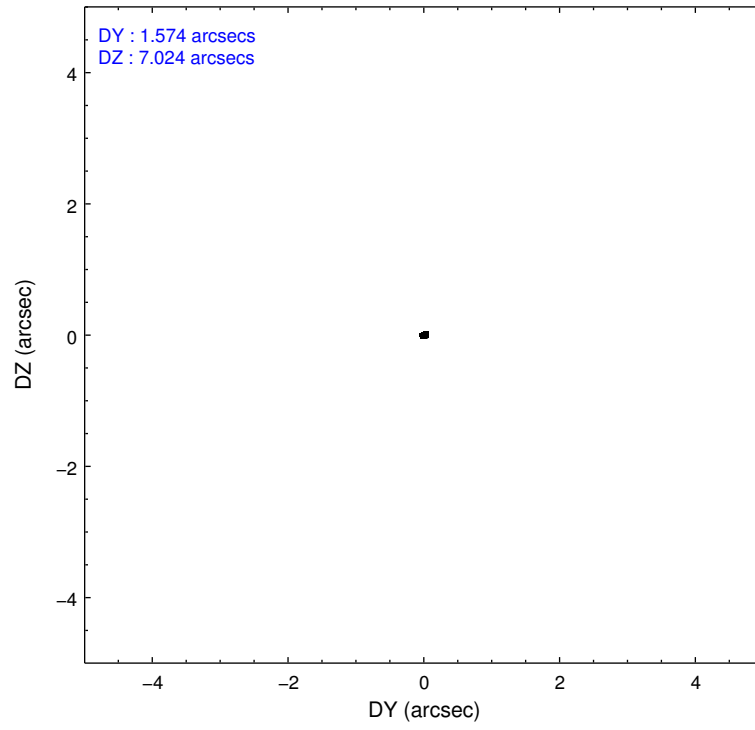
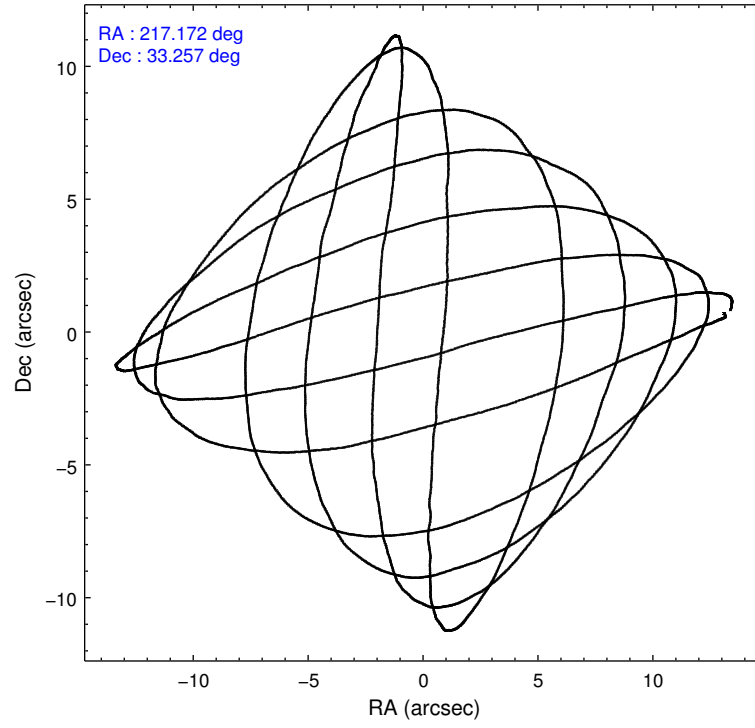
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22255	21271	24746	23296	22158
rejected events	20081	18974	22496	21219	19905
rejected %	90%	89%	90%	91%	89%

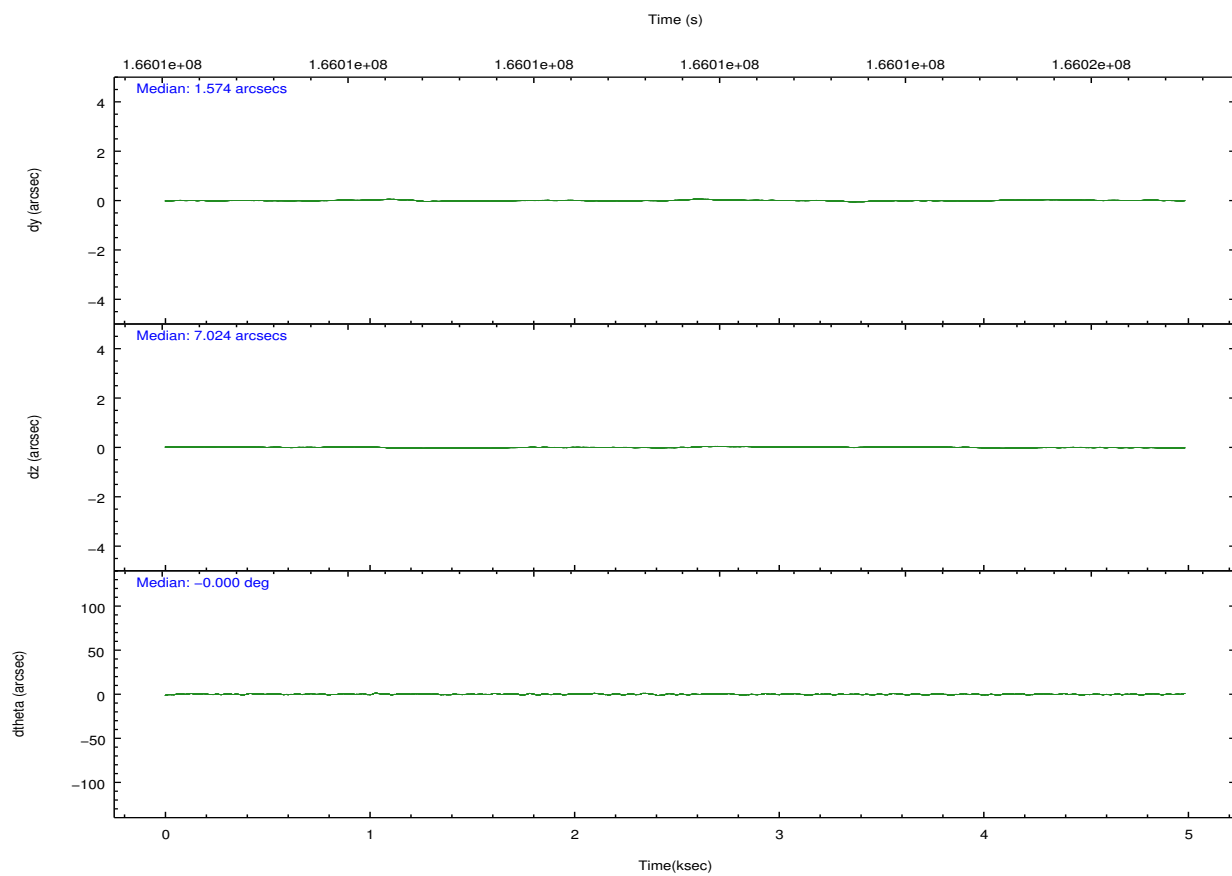
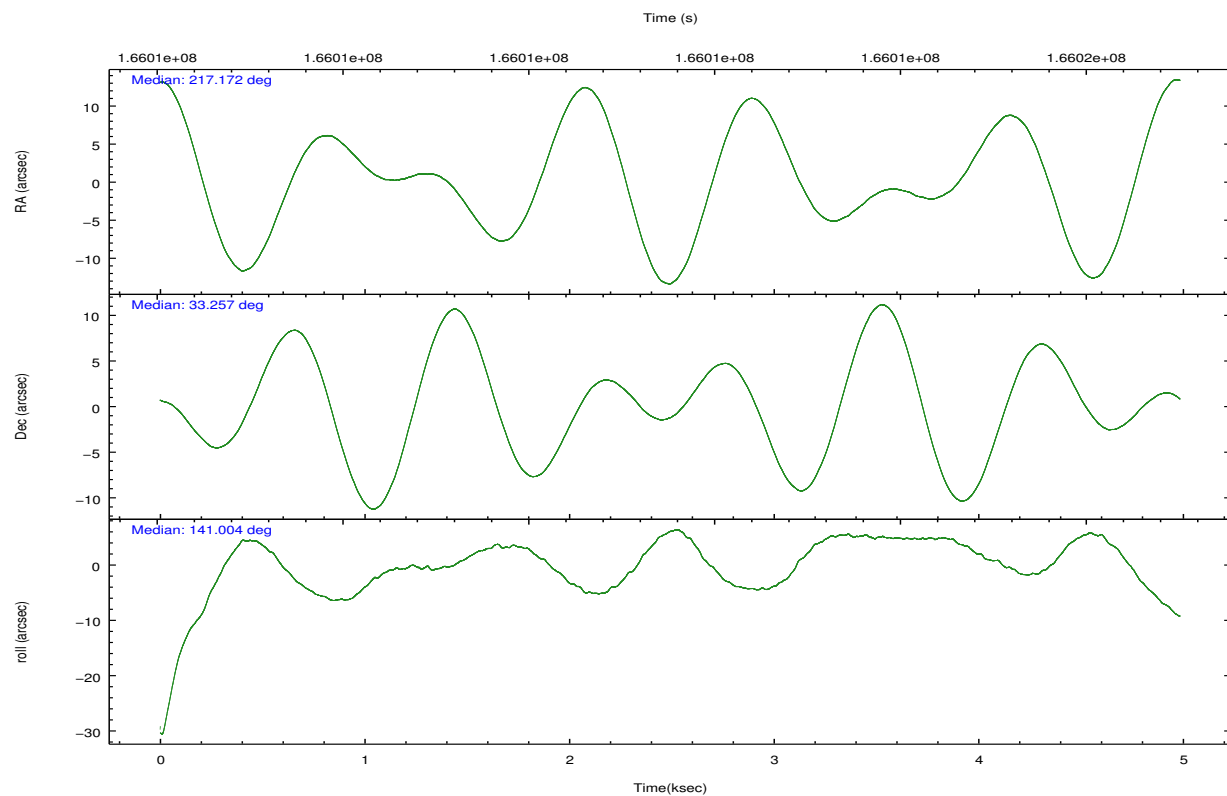
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	813	814	866	777	804
	3%	3%	3%	3%	3%
grade 1 events	11	15	13	14	10
	0%	0%	0%	0%	0%
grade 2 events	512	524	530	406	516
	2%	2%	2%	1%	2%
grade 3 events	272	258	257	259	264
	1%	1%	1%	1%	1%
grade 4 events	199	275	223	233	252
	0%	1%	0%	1%	1%
grade 5 events	658	733	597	769	700
	2%	3%	2%	3%	3%
grade 6 events	382	427	375	402	425
	1%	2%	1%	1%	1%
grade 7 events	19408	18225	21885	20436	19187
	87%	85%	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	217.203943	217.1715602082278	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.253145	33.25730011845259	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783681	141.0101308000898	[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)	166010455.184000	166010079.32608			
Observation start date	2003-04-06T09:59:51	2003-04-06T09:54:39			
[s] Observation end time (MET)	166015255.184000	166015389.3388			
Observation end date	2003-04-06T11:19:51	2003-04-06T11:23:09			
Read mode	TIMED	TIMED			

2.3 Aspect



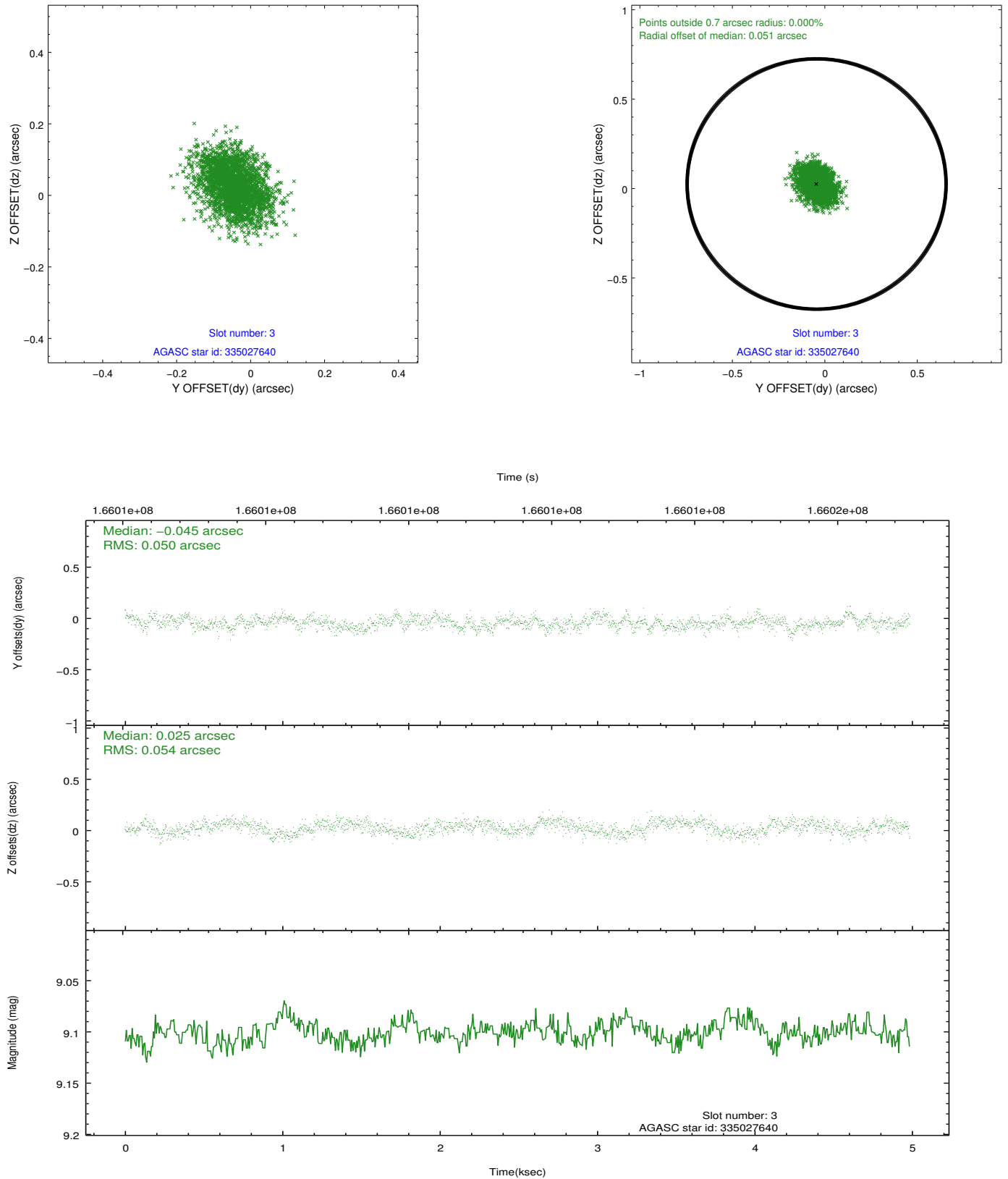


Slot Statistics

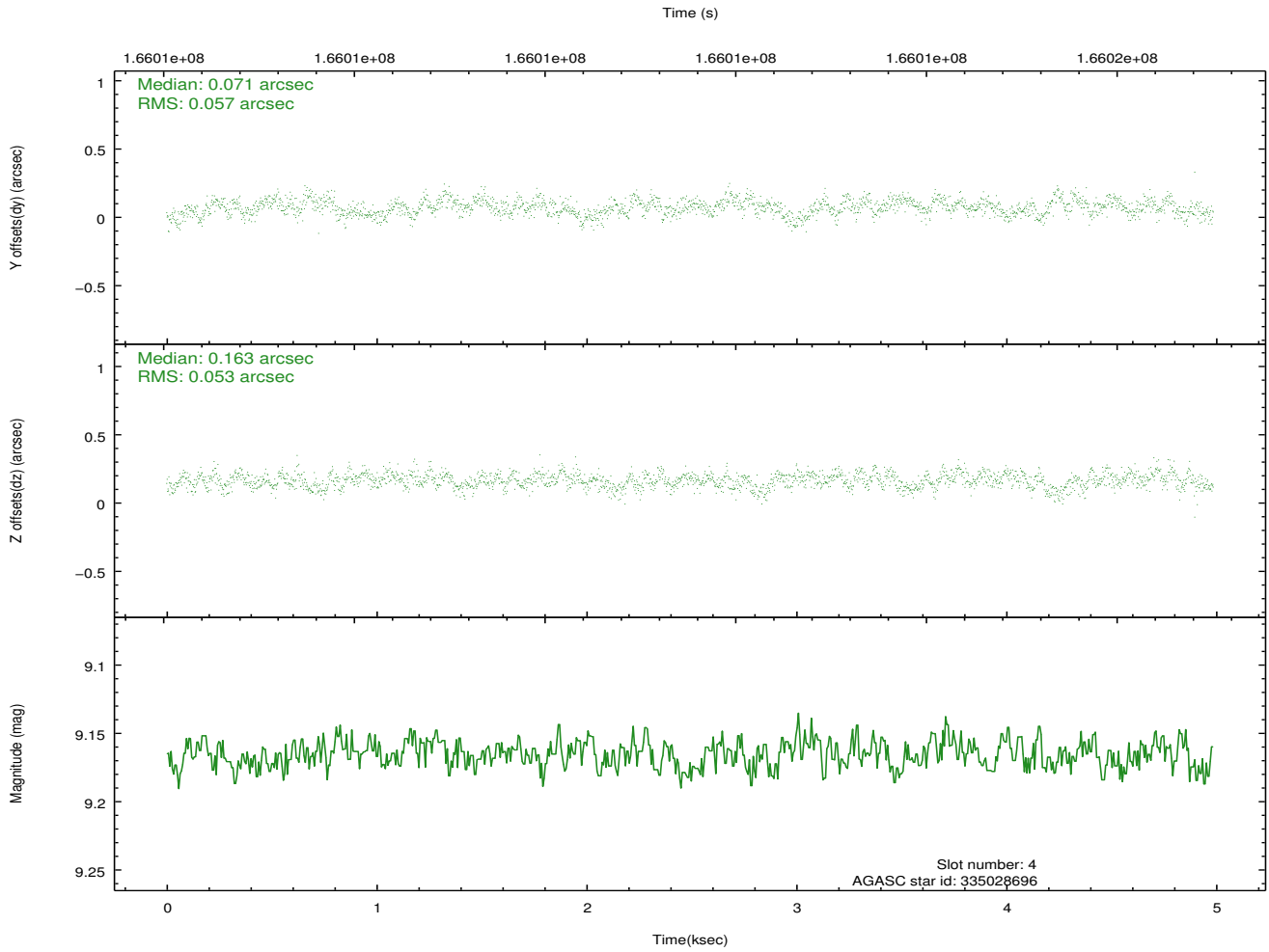
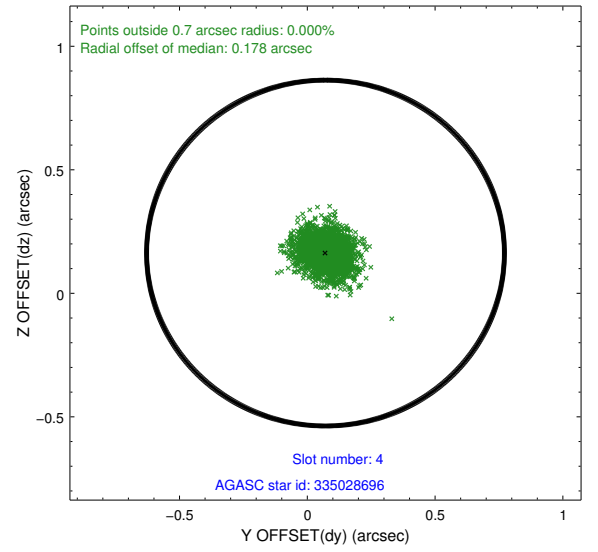
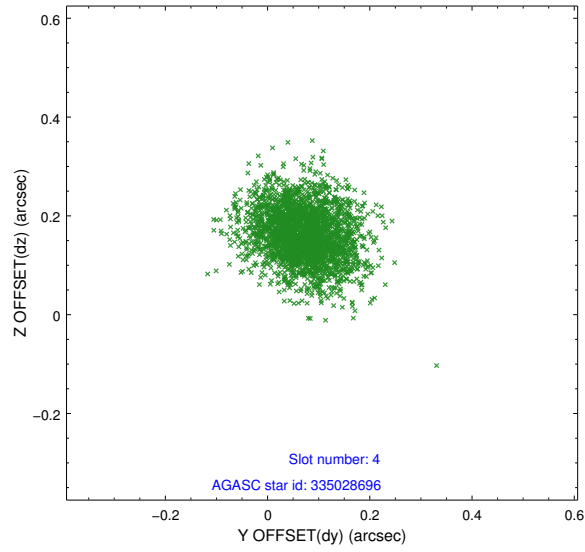
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1216	0.009	0.011	0.006	0.010	0.000000	0.000000	938.24	-830.43
1	FID	ACIS-I-5	7.24	1216	-0.076	0.054	0.006	0.011	0.000000	0.000000	-1809.22	1066.56
2	FID	ACIS-I-6	7.26	1216	-0.025	0.006	0.007	0.011	0.000000	0.000000	402.50	1712.35
3	GUIDE	335027640	9.10	2433	-0.045	0.025	0.080	0.128	218.092211	33.193770	-2200.85	-1535.16
4	GUIDE	335028696	9.17	2433	0.071	0.163	0.083	0.135	217.260519	33.844112	1213.69	-1755.45
5	GUIDE	335029384	8.49	2433	-0.000	0.069	0.061	0.100	217.848061	33.088477	-1875.54	-774.34
6	GUIDE	335029808	9.06	2433	-0.017	-0.054	0.074	0.121	216.789548	33.180488	802.93	990.06
7	GUIDE	335022112	9.23	2419	-0.008	-0.203	0.100	0.151	216.659296	32.794758	236.54	2317.80

2.4 Star Slots

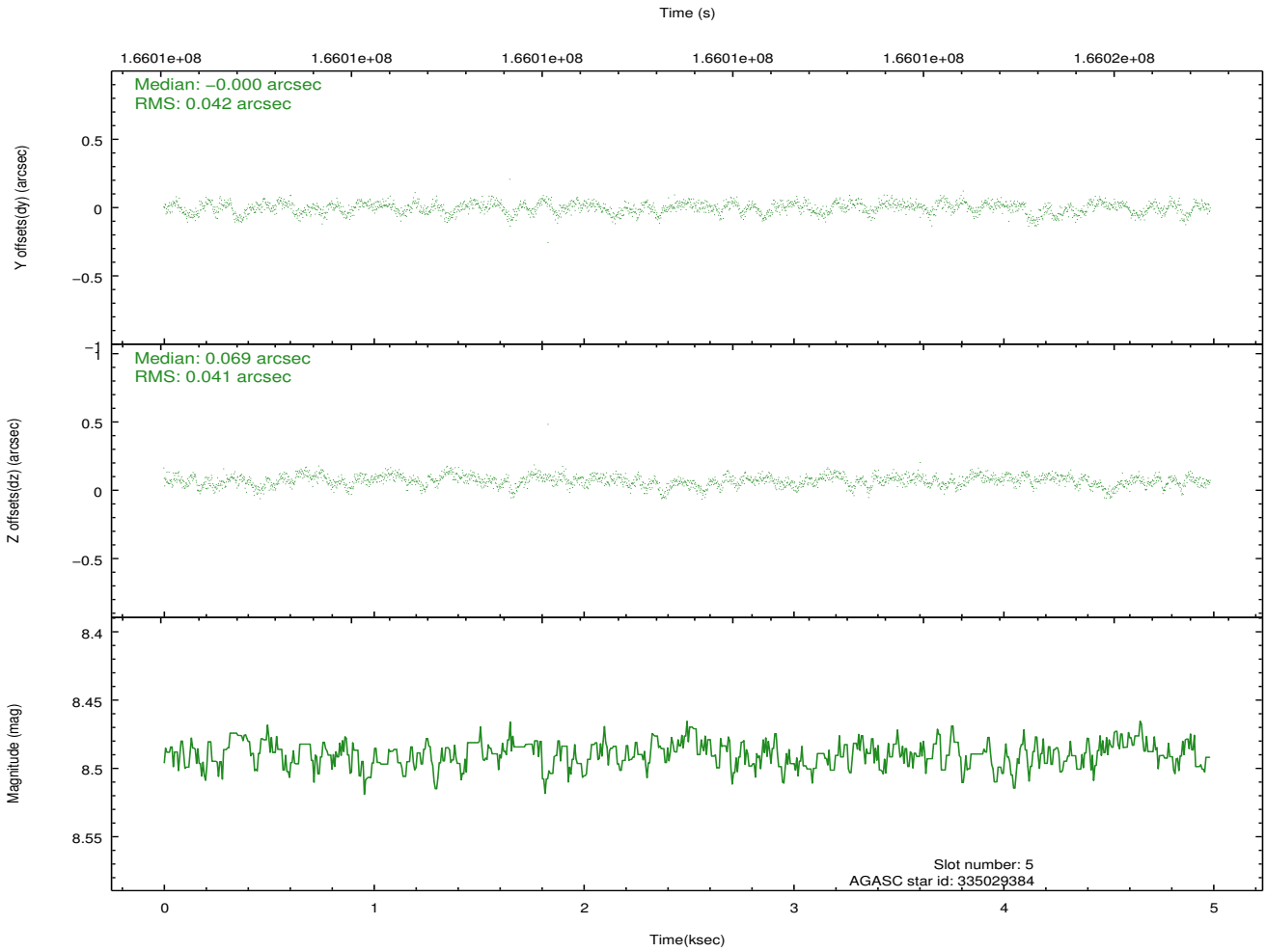
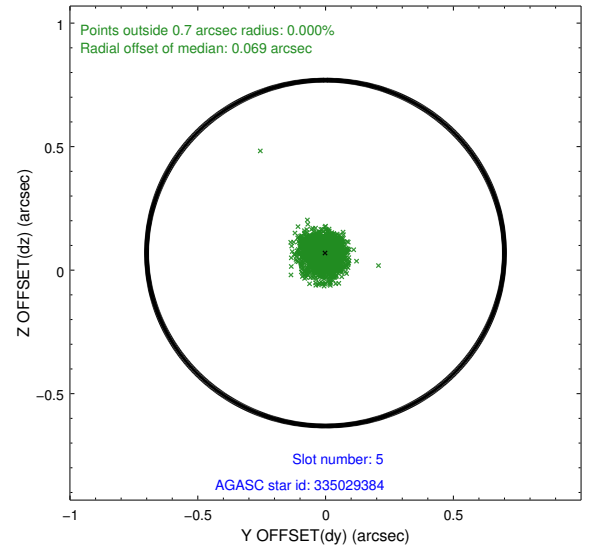
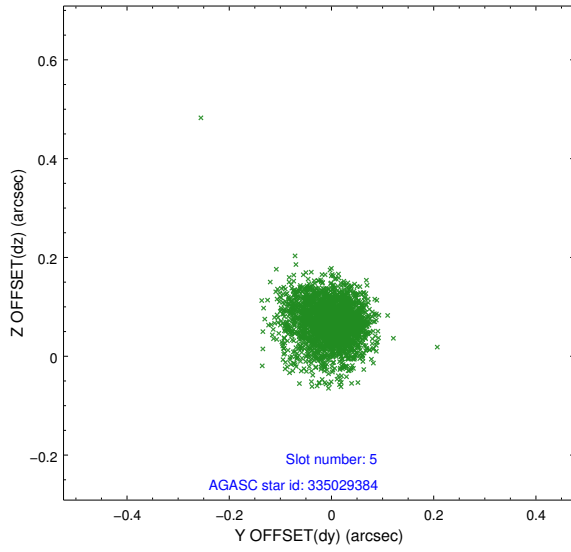
2.4.1 Slot 3



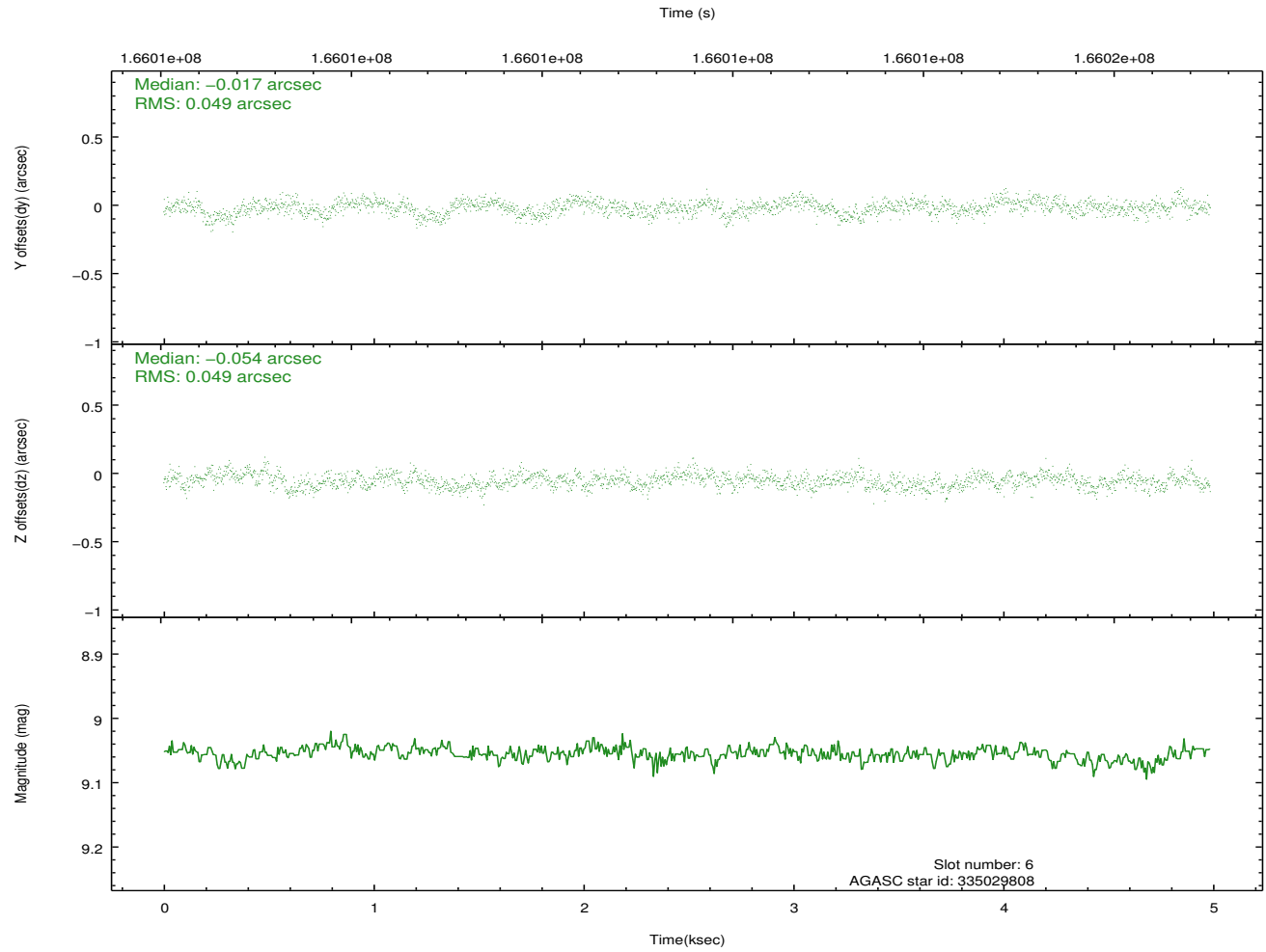
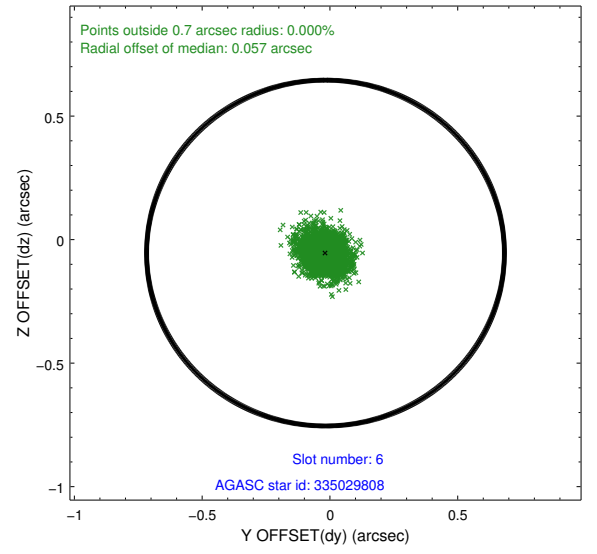
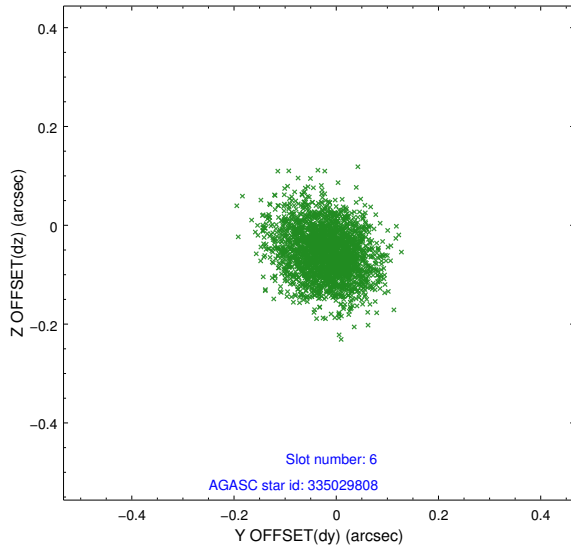
2.4.2 Slot 4



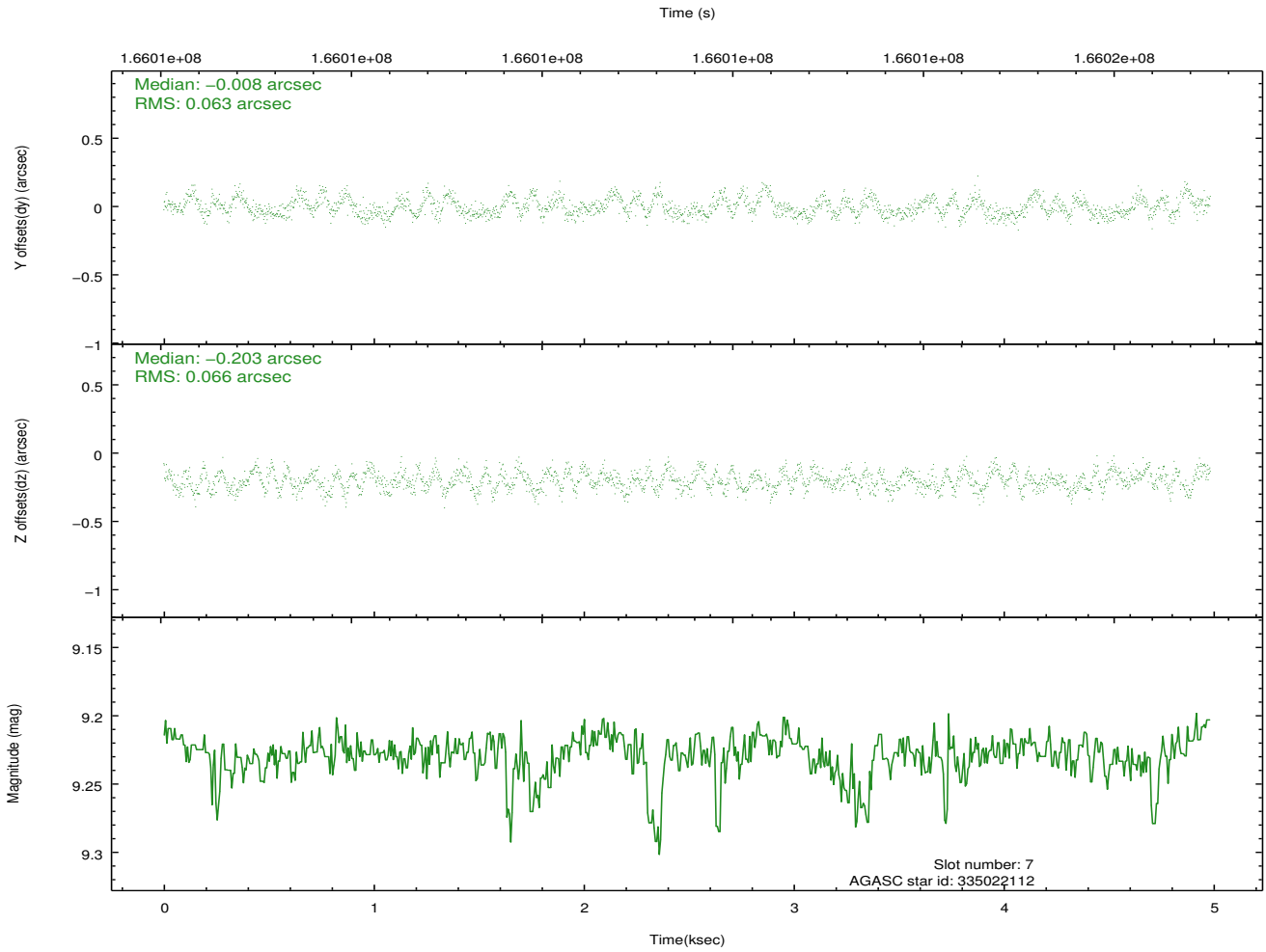
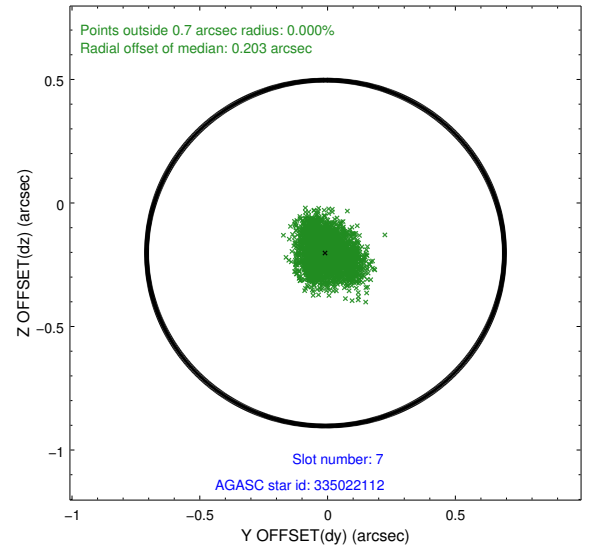
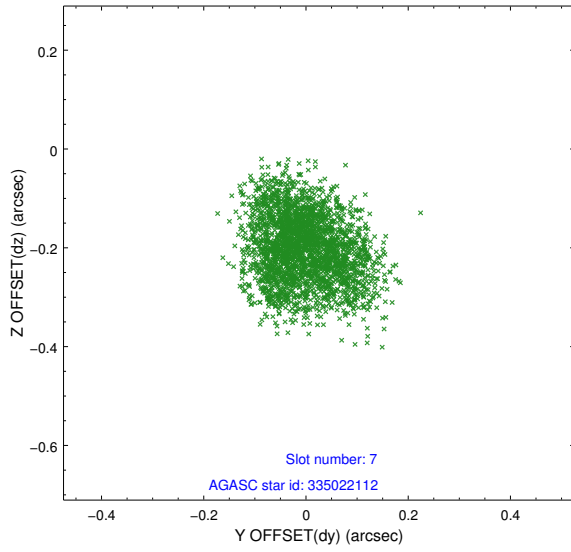
2.4.3 Slot 5



2.4.4 Slot 6

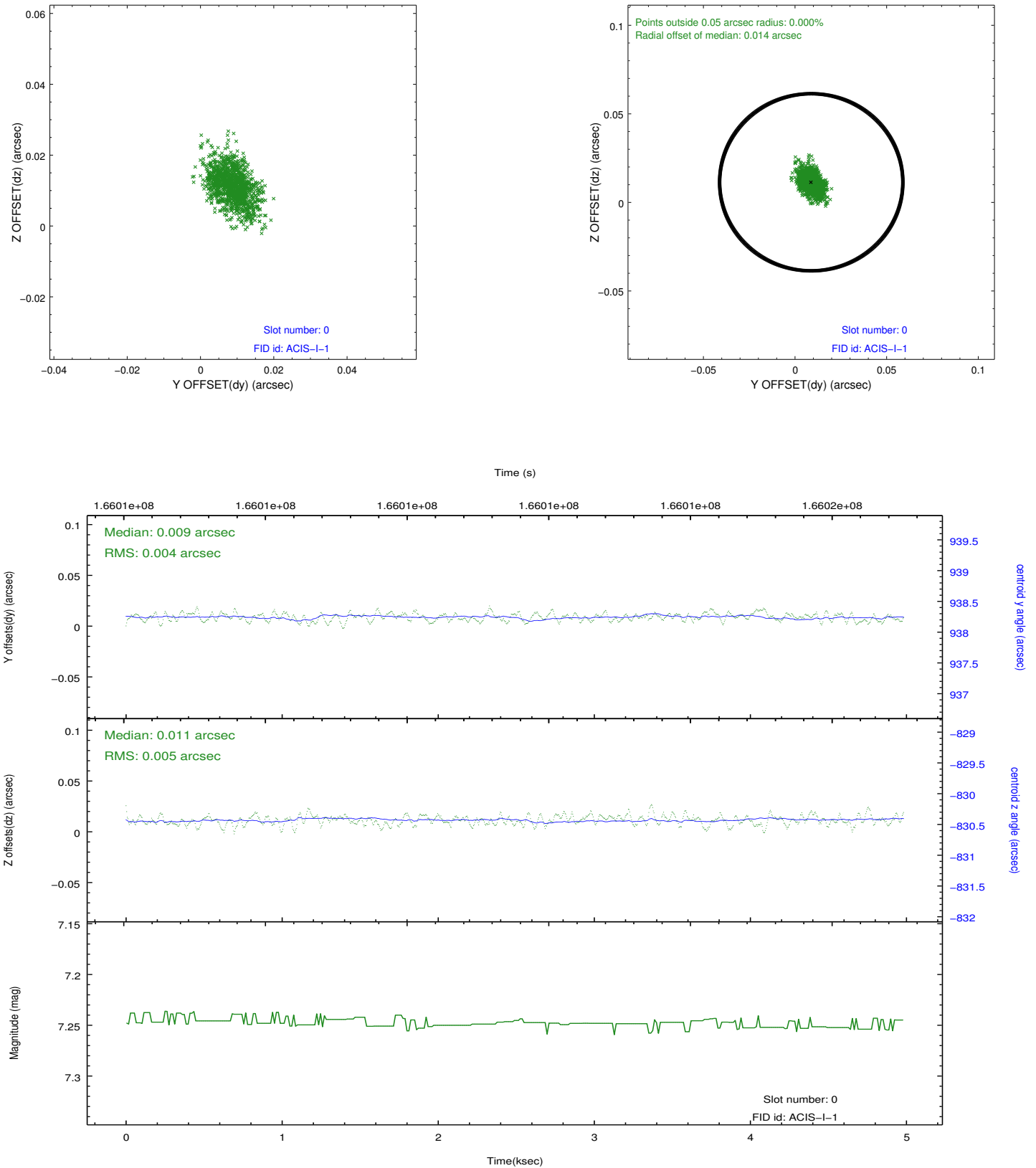


2.4.5 Slot 7

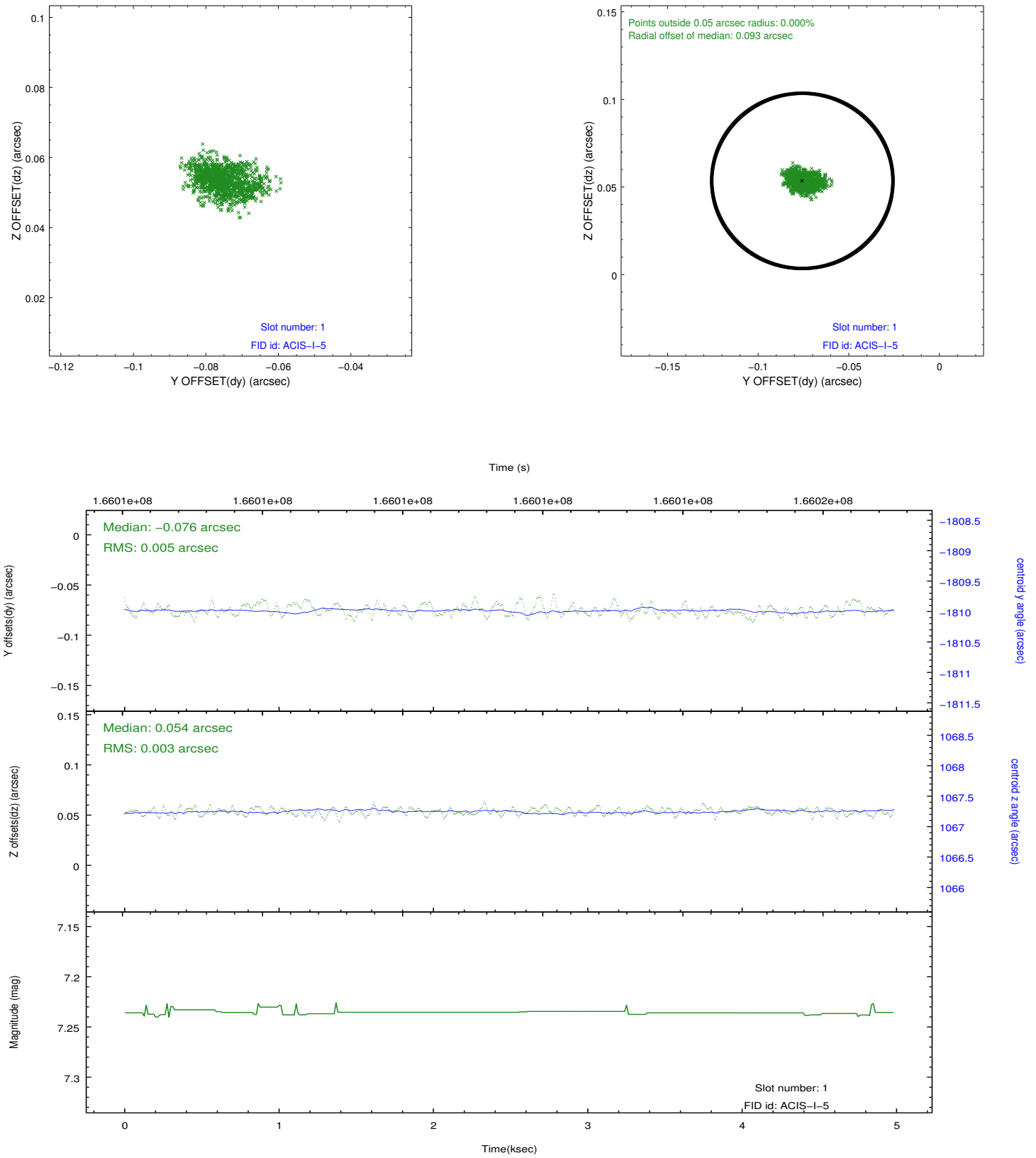


2.5 FID Slots

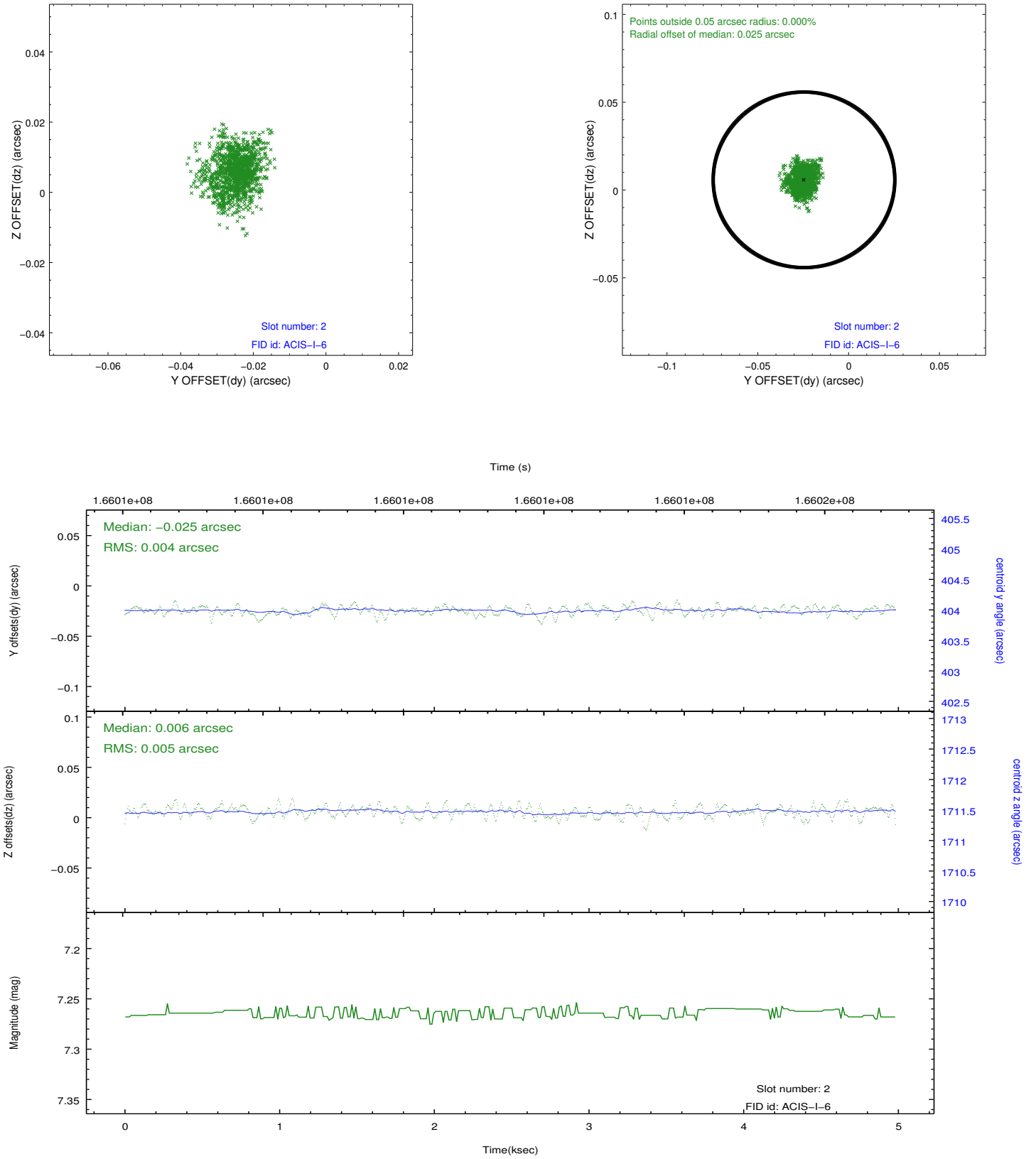
2.5.1 Slot 0



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	4.575

A.2 Comments