

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4233 - L2 Version 4
Chandra X-Ray Center

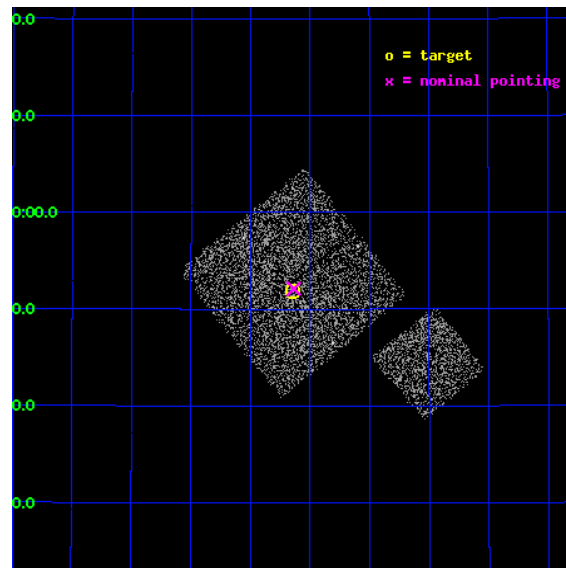
L2 Processing Date : Oct 26 2012

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1 Front

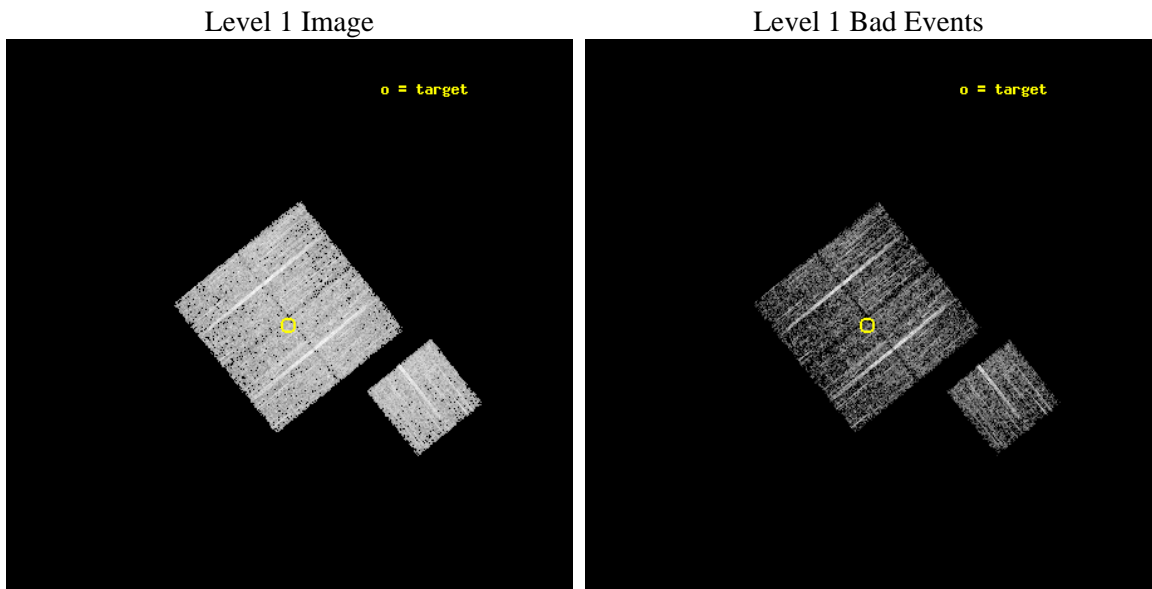
seq_num	900276	Sequence number
obs_id	4233	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS48	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	219.536665	Observer's specified target RA [deg]
dec_targ	33.864306	Observer's specified target Dec [deg]
ra_nom	219.53403805823	Nominal RA [deg]
dec_nom	33.868426847124	Nominal Dec [deg]
roll_nom	141.01015732648	Nominal Roll [deg]
revision	4	Processing version of data
ontime	4674.1241565943	Sum of GTIs [s]
livetime	4613.0532834482	Livetime [s]
ontime0	4674.0010365844	Sum of GTIs [s]
ontime1	4674.0420765877	Sum of GTIs [s]
ontime2	4674.083116591	Sum of GTIs [s]
ontime3	4674.1241565943	Sum of GTIs [s]
ontime6	4673.9599965811	Sum of GTIs [s]
l2events	9507	Number of level 2 events



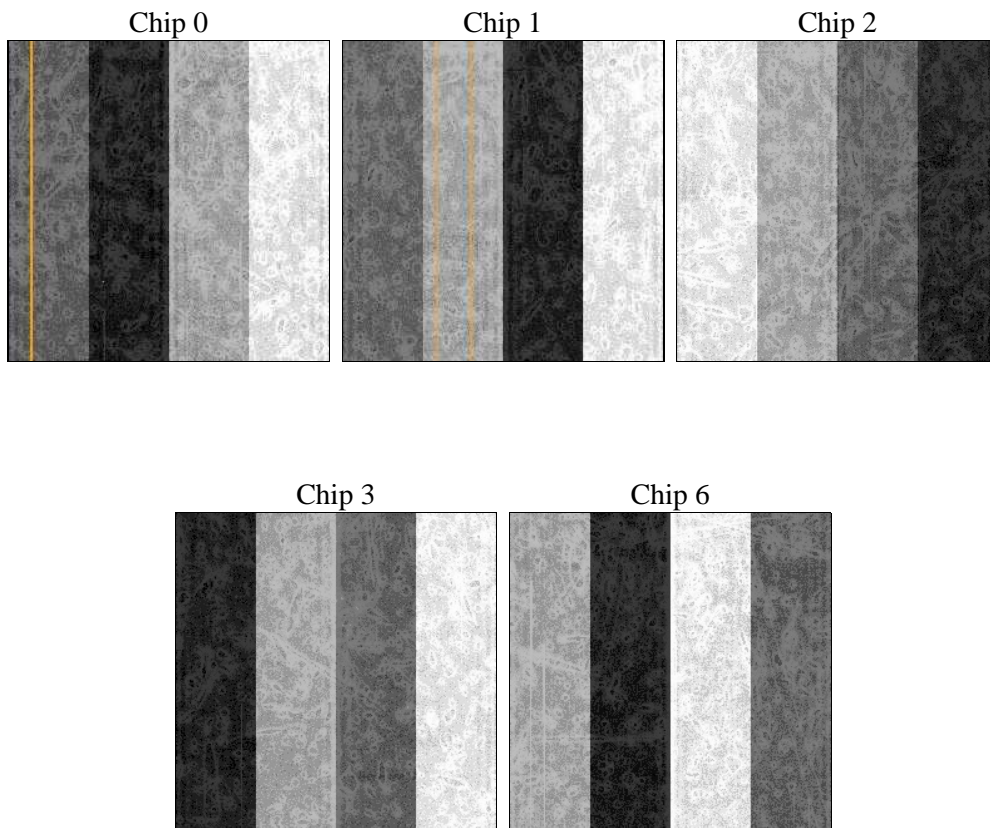
2 OBI

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	4674.1241565943	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4674.0010365844	Sum of GTIs [s]
date	2012-10-26T00:15:44	Date and time of file creation	ontime1	4674.0420765877	Sum of GTIs [s]
revision	4	Processing version of data	ontime2	4674.083116591	Sum of GTIs [s]
			ontime3	4674.1241565943	Sum of GTIs [s]
			ontime6	4673.9599965811	Sum of GTIs [s]
			l1events	115019	Number of level 1 events

2.1.4 Events

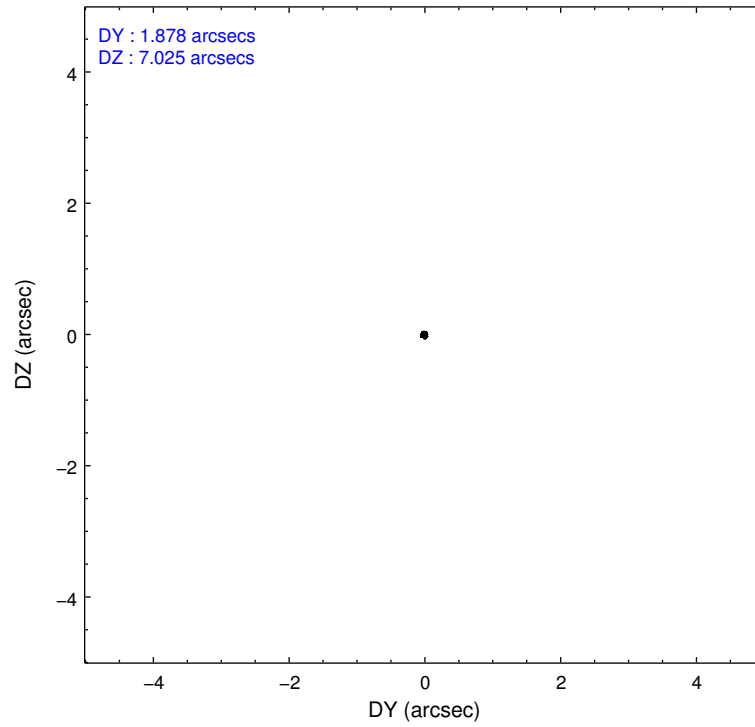
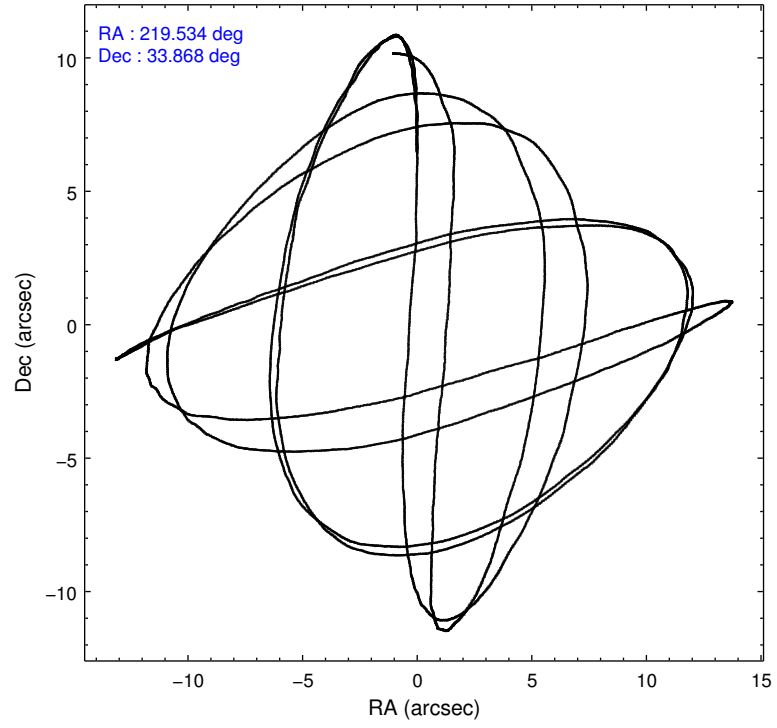
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	23688	20864	24821	21635	24011
rejected events	21332	18300	22524	19415	21739
rejected %	90%	87%	90%	89%	90%

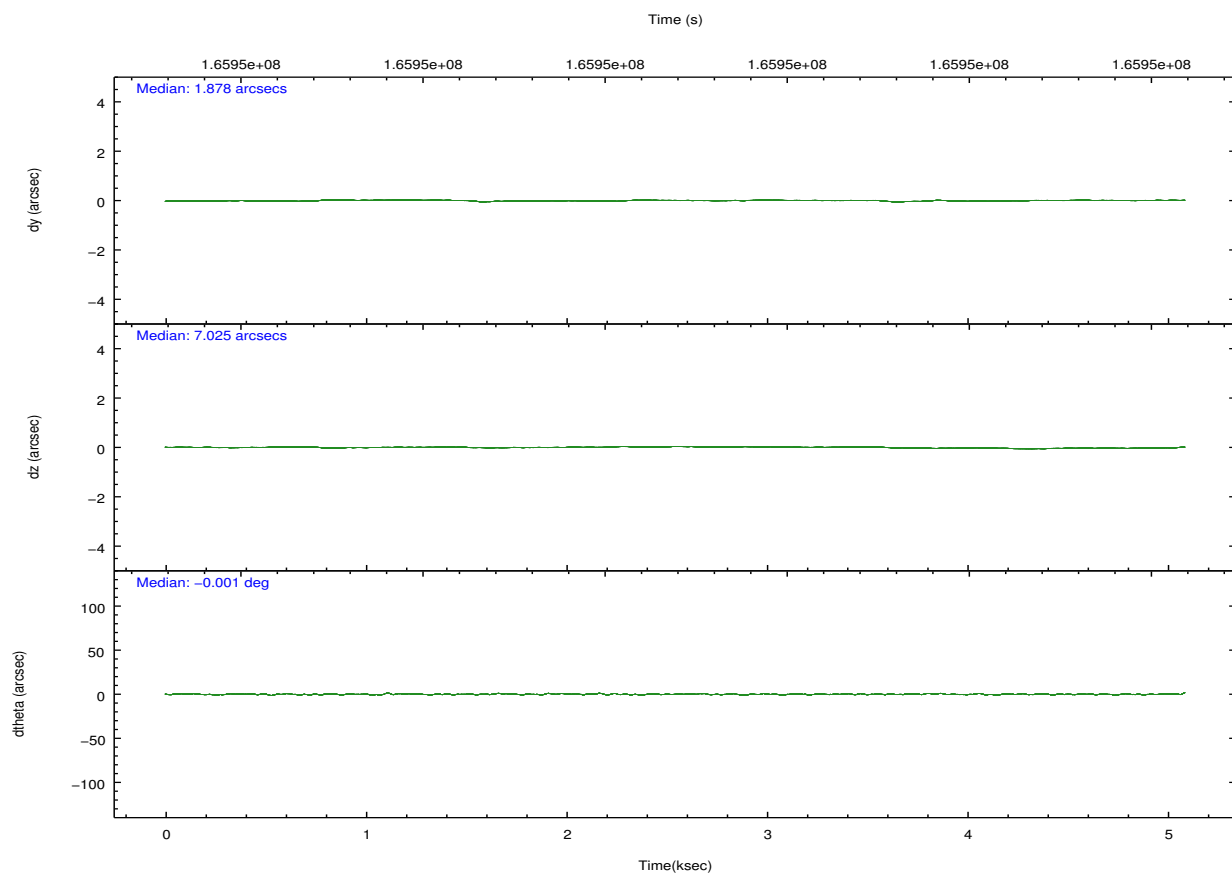
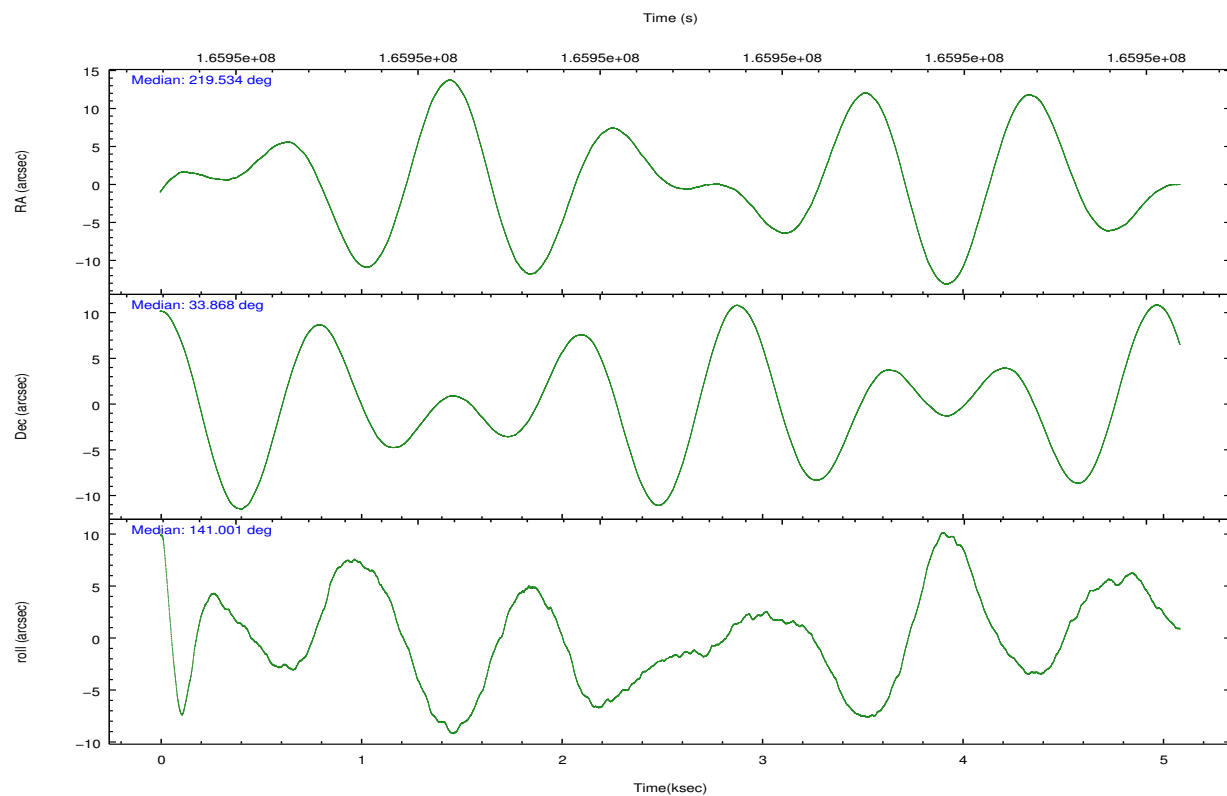
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	853	953	892	886	793
	3%	4%	3%	4%	3%
grade 1 events	10	17	12	12	11
	0%	0%	0%	0%	0%
grade 2 events	558	528	539	436	486
	2%	2%	2%	2%	2%
grade 3 events	262	341	255	272	273
	1%	1%	1%	1%	1%
grade 4 events	238	291	248	227	246
	1%	1%	0%	1%	1%
grade 5 events	751	769	629	767	756
	3%	3%	2%	3%	3%
grade 6 events	447	453	367	401	478
	1%	2%	1%	1%	1%
grade 7 events	20569	17512	21879	18634	20968
	86%	83%	88%	86%	87%

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	219.566627	219.5340380582339	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.864227	33.86842684712365	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783304	141.010157326483	[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)	165946022.184000	165945645.77336			
Observation start date	2003-04-05T16:05:58	2003-04-05T16:00:45			
[s] Observation end time (MET)	165950922.184000	165951055.72359			
Observation end date	2003-04-05T17:27:38	2003-04-05T17:30:55			
Read mode	TIMED	TIMED			

2.3 Aspect



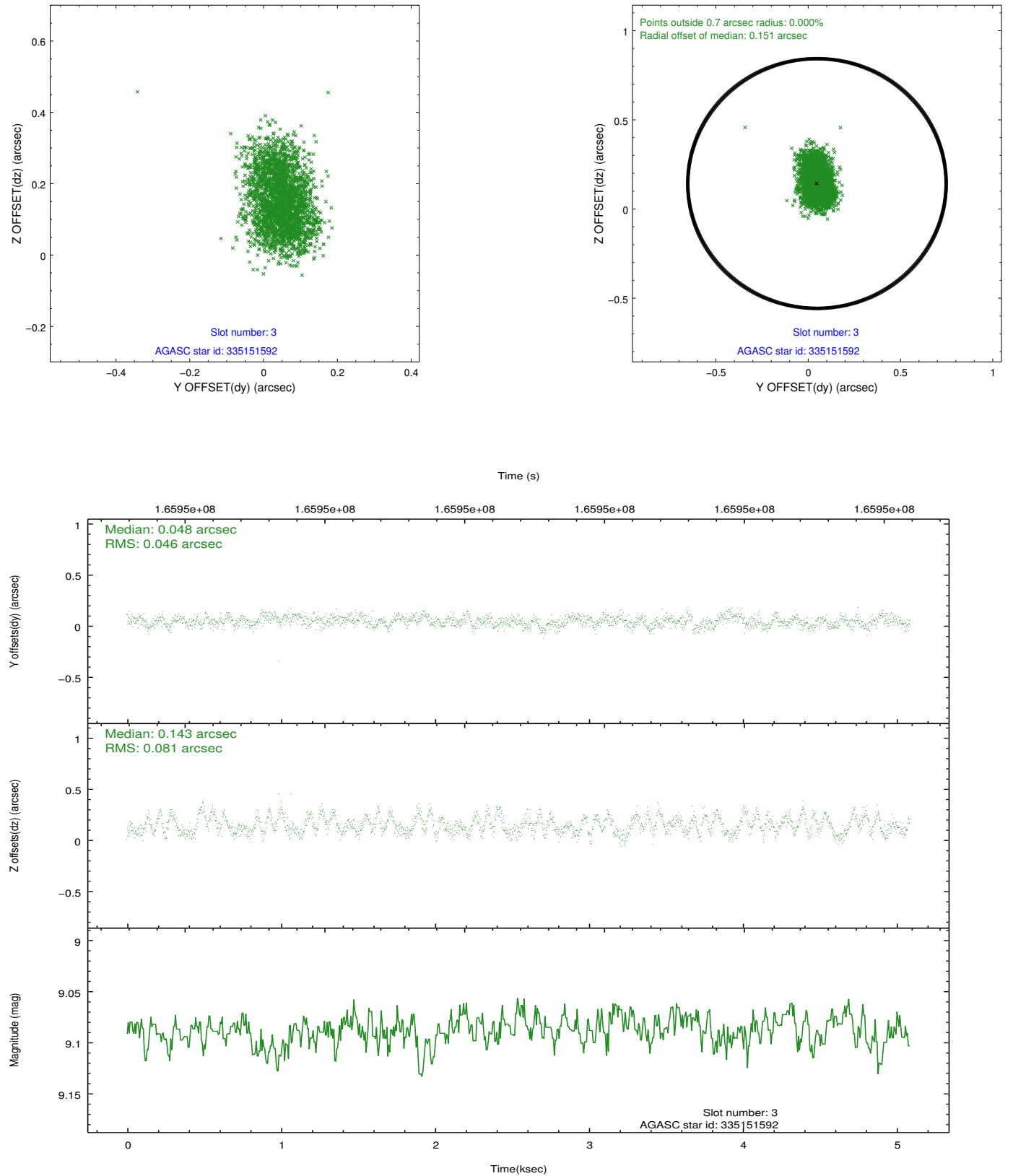


Slot Statistics

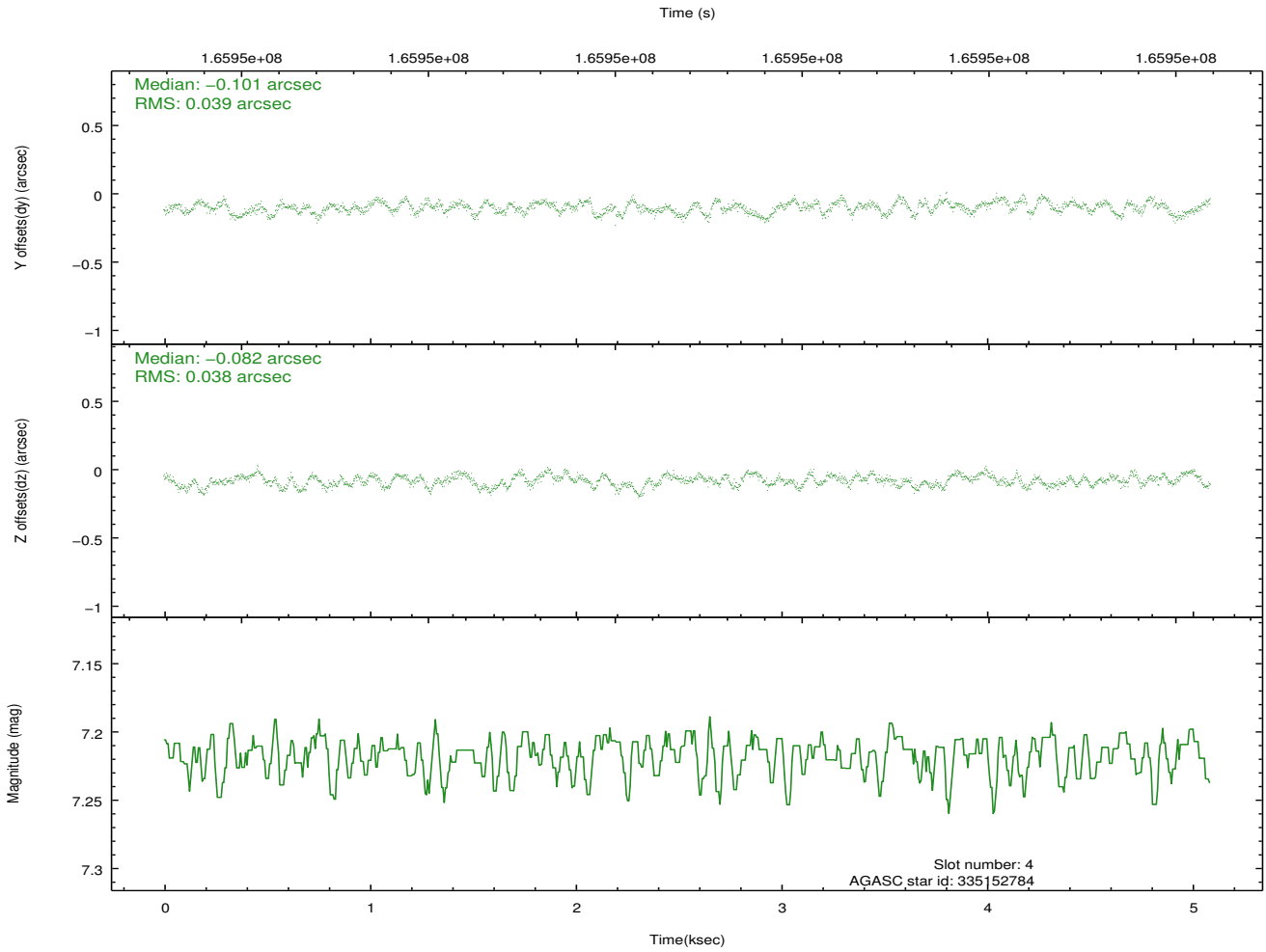
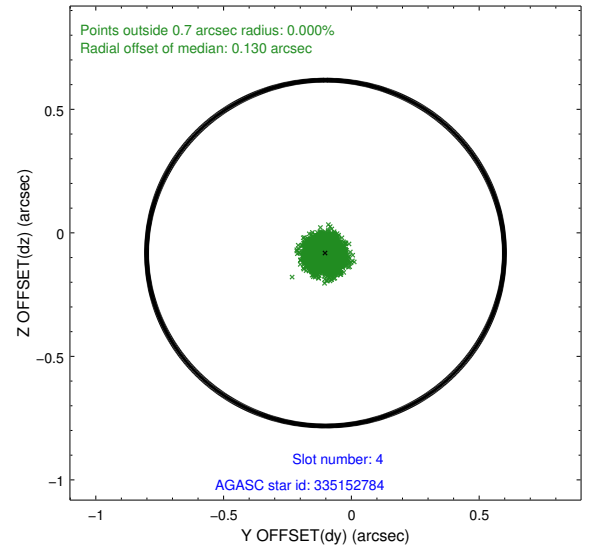
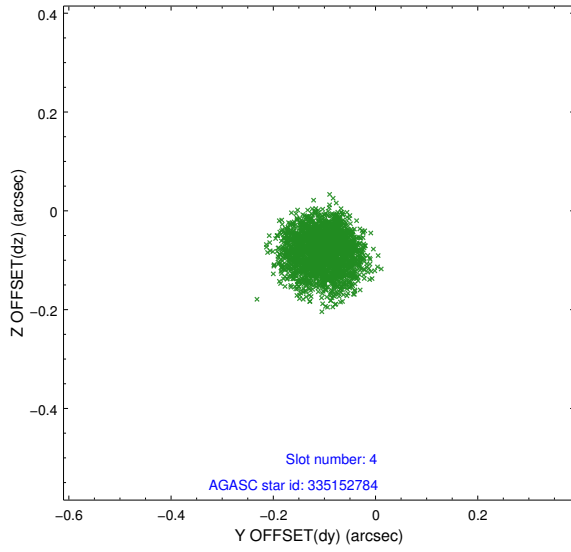
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1241	0.009	0.011	0.006	0.010	0.000000	0.000000	937.94	-830.43
1	FID	ACIS-I-5	7.24	1241	-0.076	0.053	0.006	0.010	0.000000	0.000000	-1809.54	1066.58
2	FID	ACIS-I-6	7.26	1241	-0.024	0.007	0.007	0.011	0.000000	0.000000	402.22	1712.34
3	GUIDE	335151592	9.09	2482	0.048	0.143	0.099	0.162	220.179561	34.279746	-462.93	-2315.59
4	GUIDE	335152784	7.22	2482	-0.101	-0.082	0.059	0.089	219.280617	33.678221	240.72	1058.93
5	GUIDE	335154960	9.56	2482	0.086	-0.109	0.116	0.181	219.209961	33.303073	-445.34	2242.62
6	GUIDE	335155824	8.93	2479	-0.003	0.073	0.062	0.100	219.689900	34.035435	104.90	-708.95
7	GUIDE	335157088	9.09	2482	-0.027	-0.033	0.073	0.119	219.274029	33.726909	366.85	935.96

2.4 Star Slots

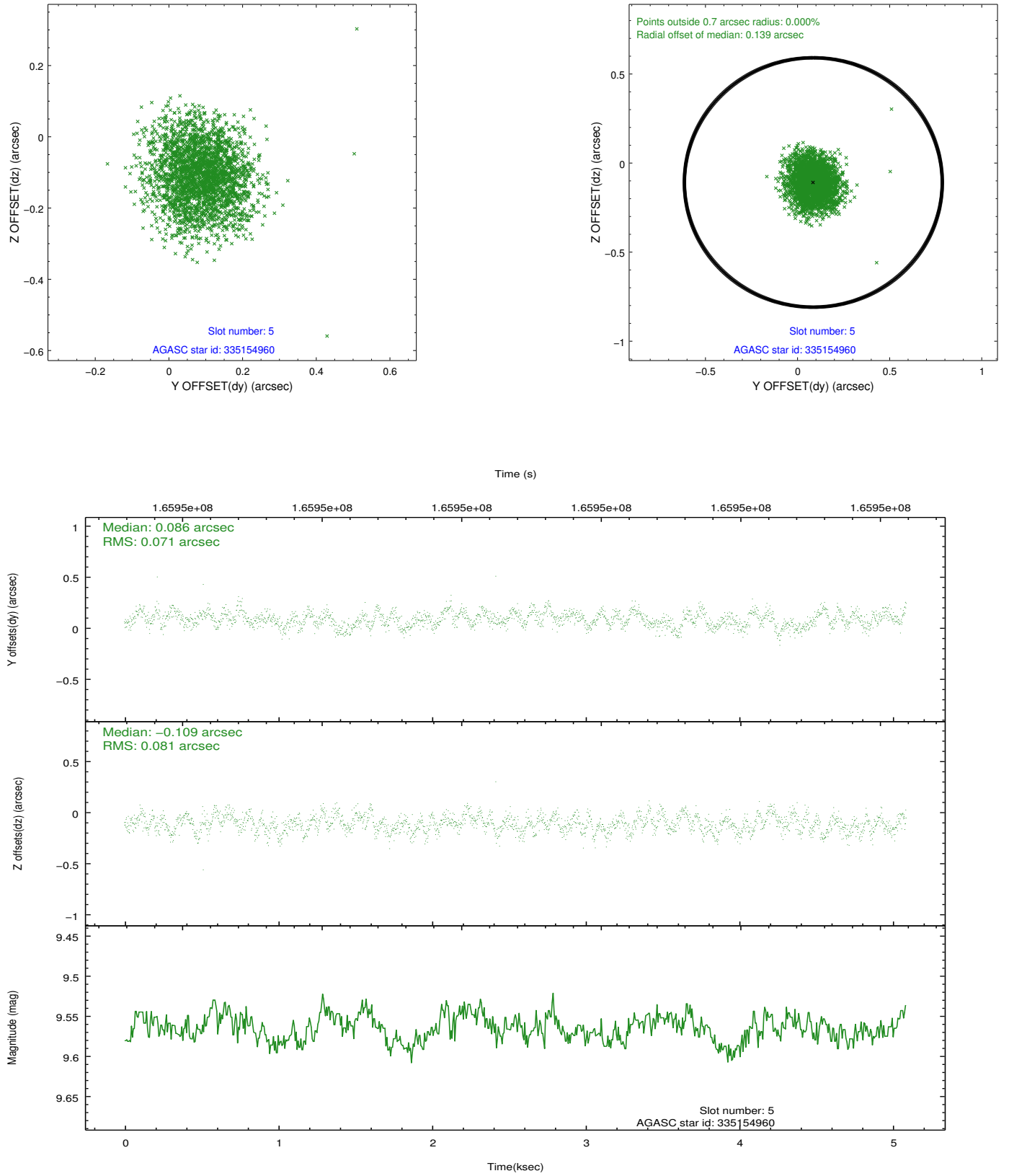
2.4.1 Slot 3



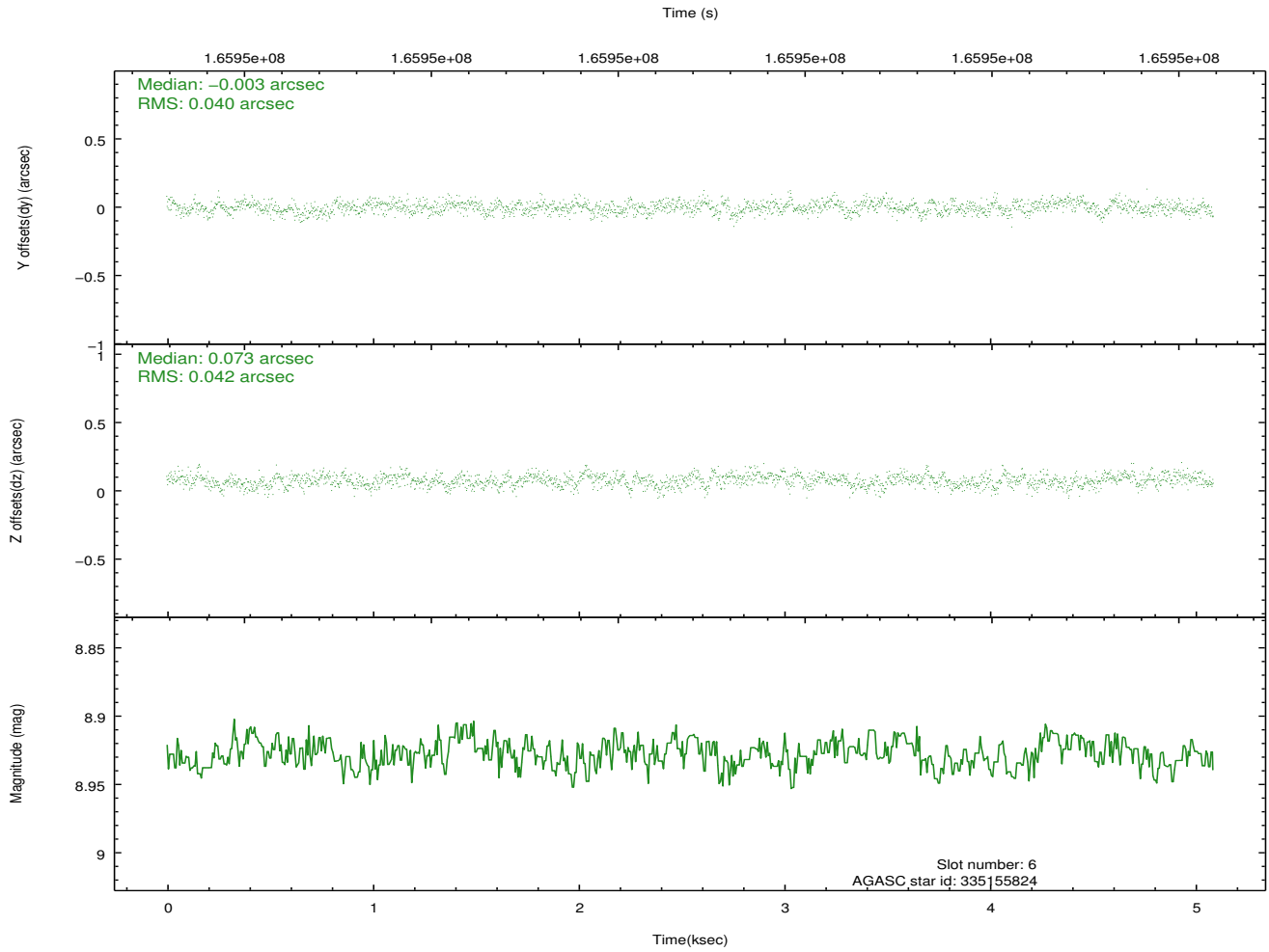
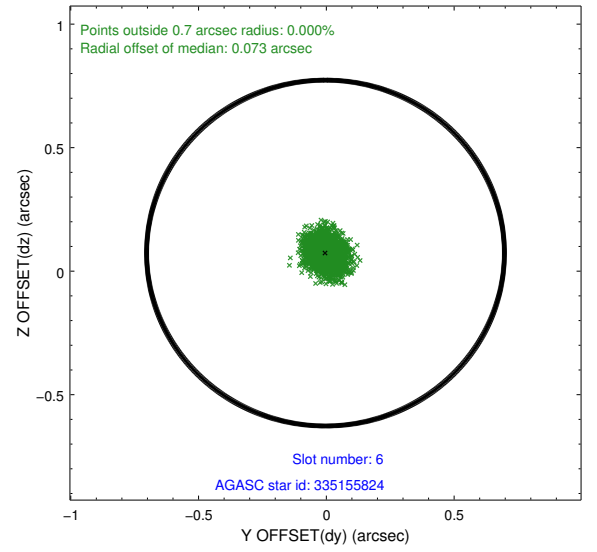
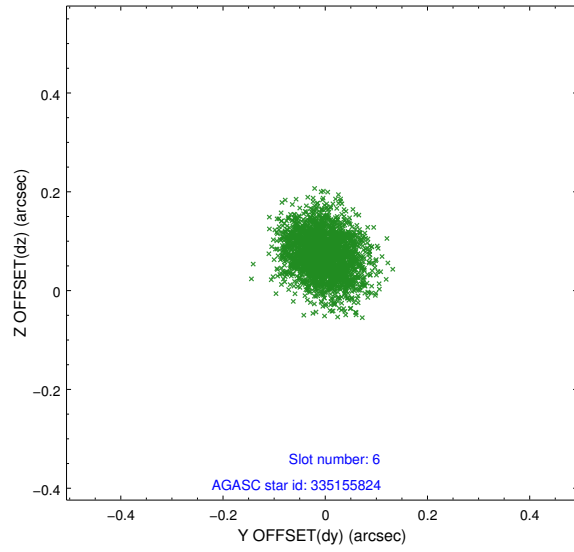
2.4.2 Slot 4



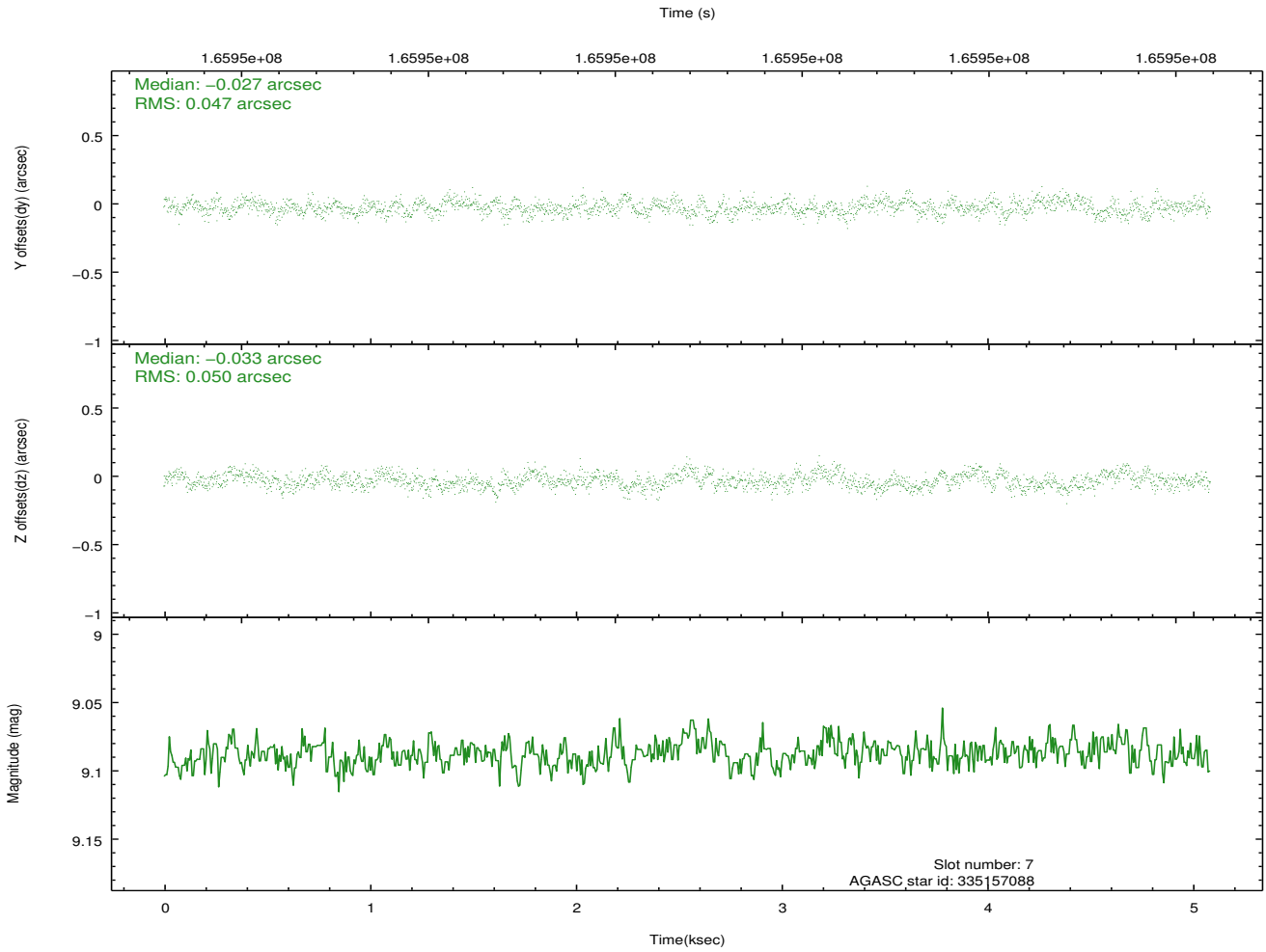
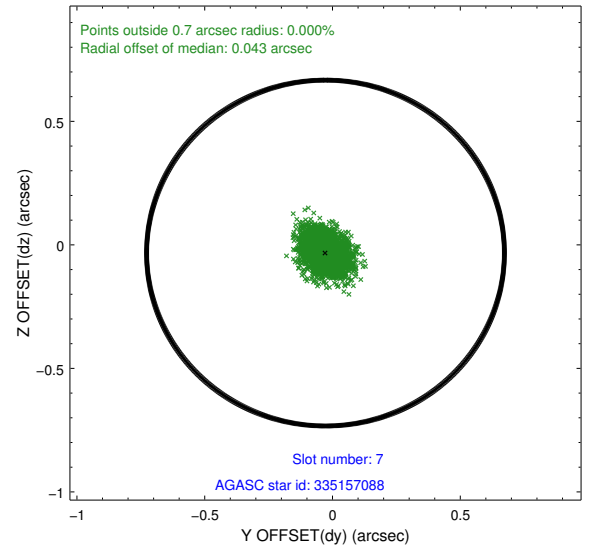
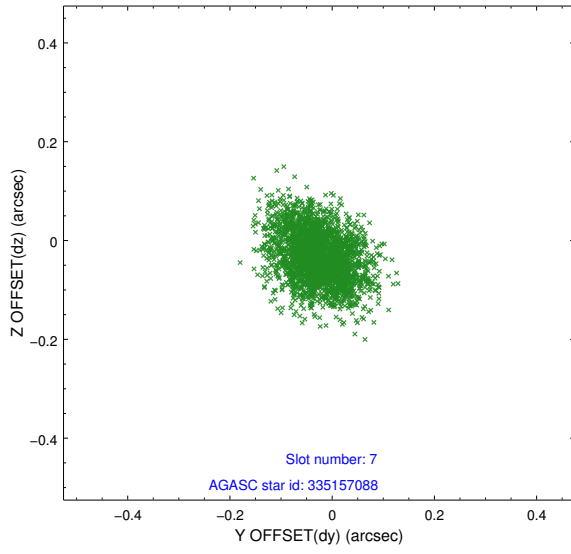
2.4.3 Slot 5



2.4.4 Slot 6

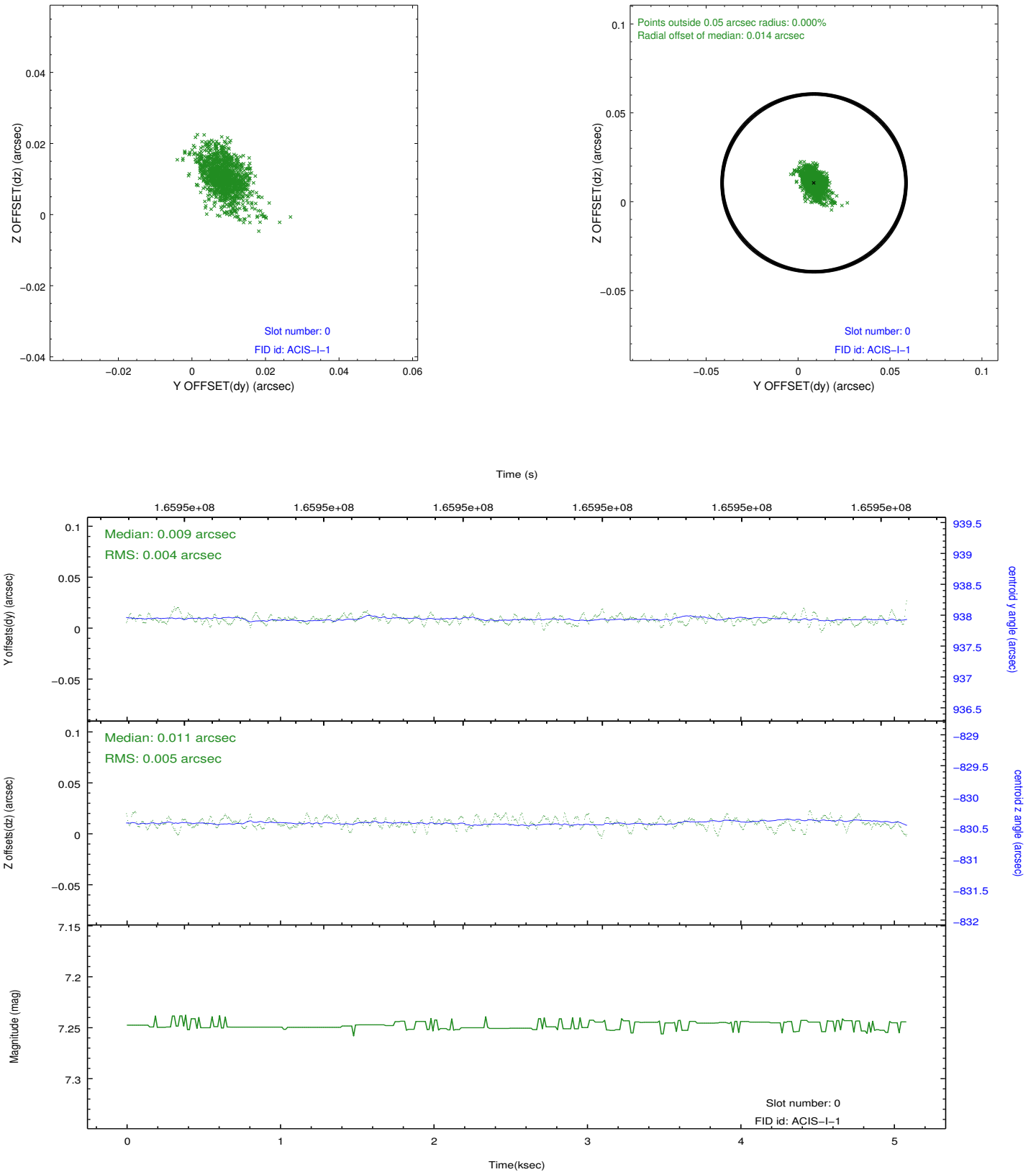


2.4.5 Slot 7

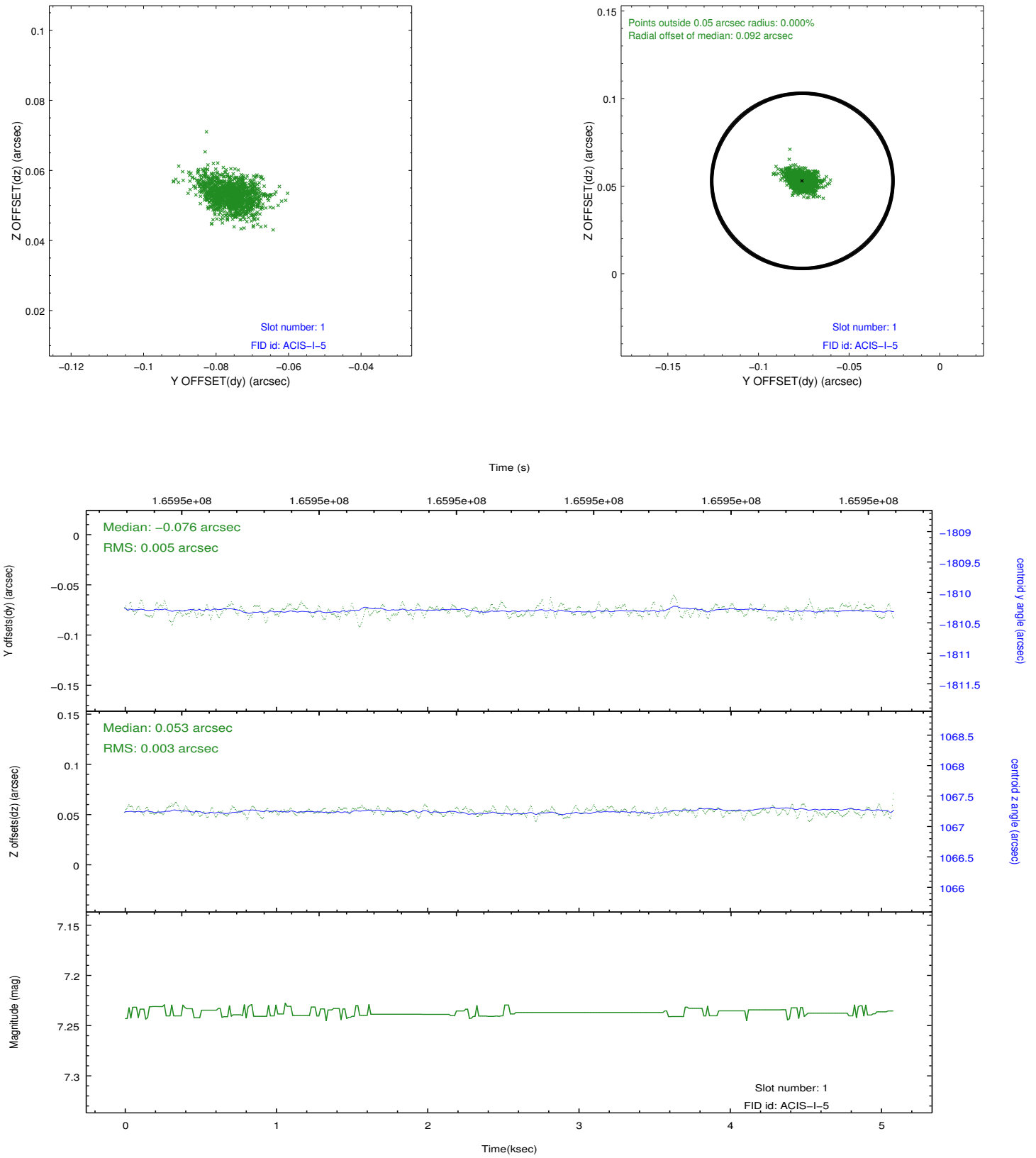


2.5 FID Slots

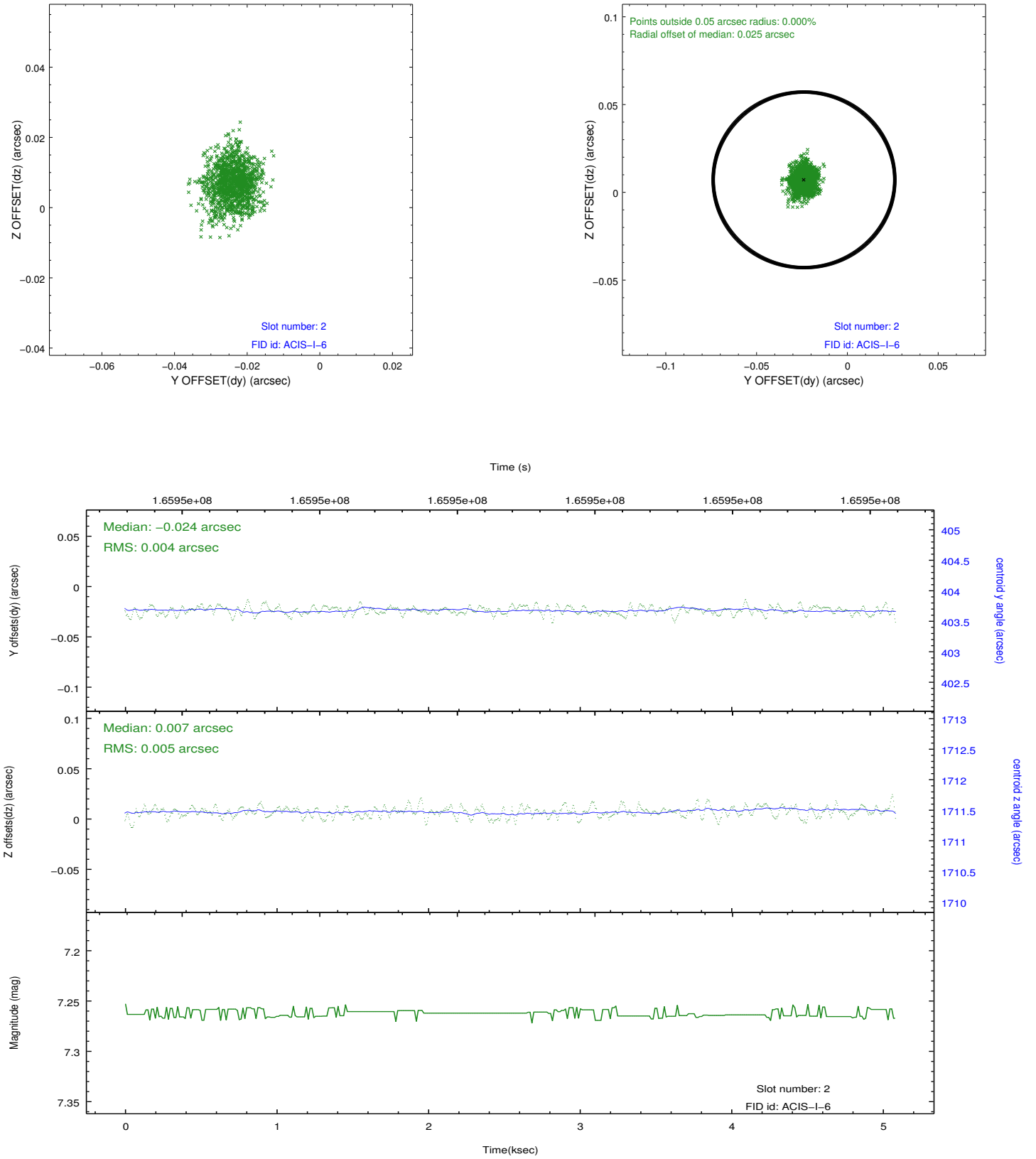
2.5.1 Slot 0



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	4.675

A.2 Comments