

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3600 - L2 Version 3
Chandra X-Ray Center

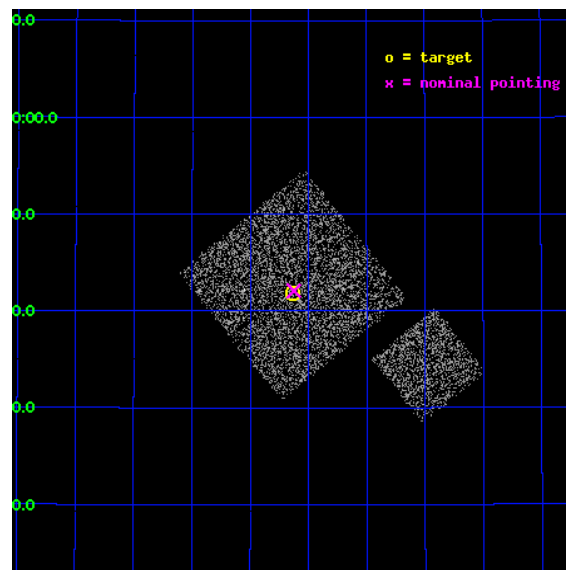
L2 Processing Date : Oct 25 2012

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1 Front

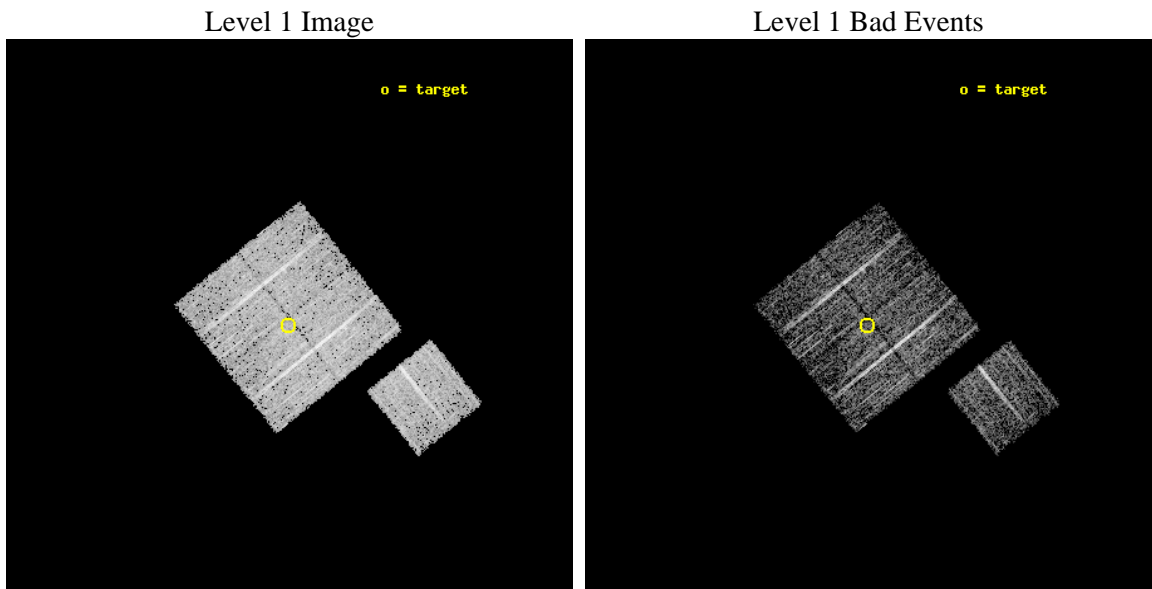
seq_num	900200	Sequence number
obs_id	3600	Observation id
title	CHANDRA LARGE SCALE SURVEY OF THE NOAO BOOTES DEEP FIELD	Proposal
observer	Dr. Stephen Murray	Principal investigator
object	NOAO FIELD F12	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.034014	Observer's specified target RA [deg]
dec_targ	35.697552	Observer's specified target Dec [deg]
ra_nom	218.03137158502	Nominal RA [deg]
dec_nom	35.701573062689	Nominal Dec [deg]
roll_nom	141.01023315911	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4773.9589906335	Sum of GTIs [s]
livetime	4711.5837018834	Livetime [s]
ontime0	4777.0999907851	Sum of GTIs [s]
ontime1	4777.0999907851	Sum of GTIs [s]
ontime2	4777.0999907851	Sum of GTIs [s]
ontime3	4773.9589906335	Sum of GTIs [s]
ontime6	4777.0999907851	Sum of GTIs [s]
l2events	9686	Number of level 2 events



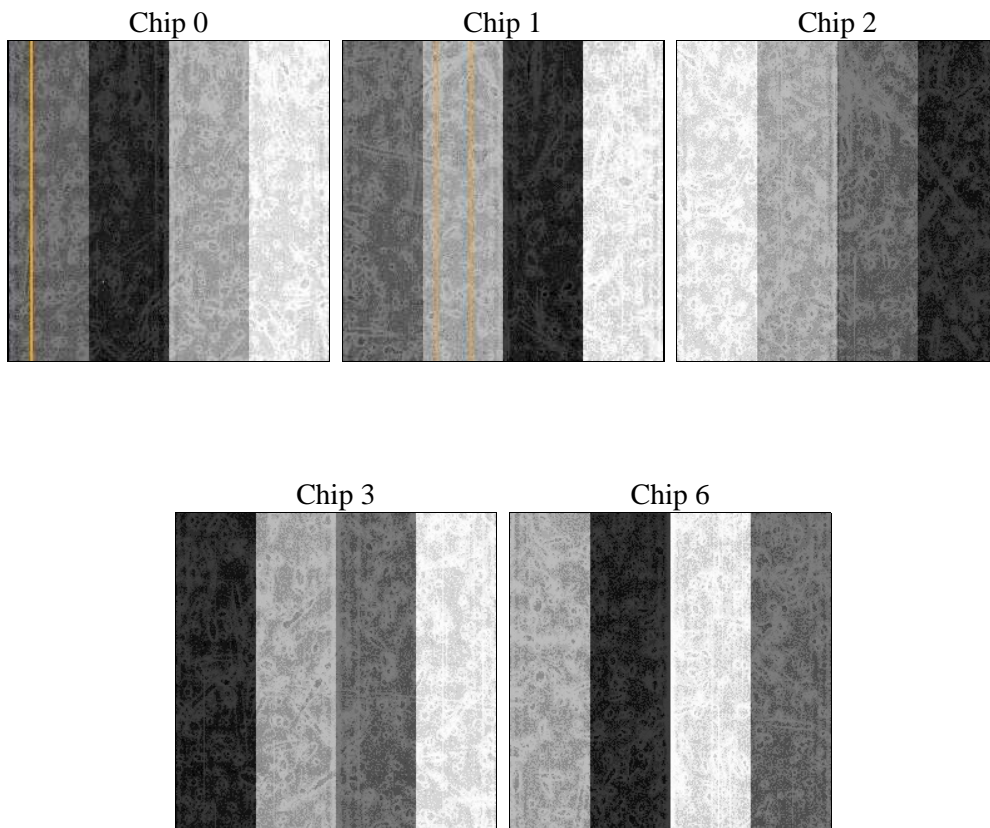
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4773.9589906335	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4777.0999907851	Sum of GTIs [s]
date	2012-10-25T23:00:05	Date and time of file creation	ontime1	4777.0999907851	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4777.0999907851	Sum of GTIs [s]
			ontime3	4773.9589906335	Sum of GTIs [s]
			ontime6	4777.0999907851	Sum of GTIs [s]
			l1events	116816	Number of level 1 events

2.1.4 Events

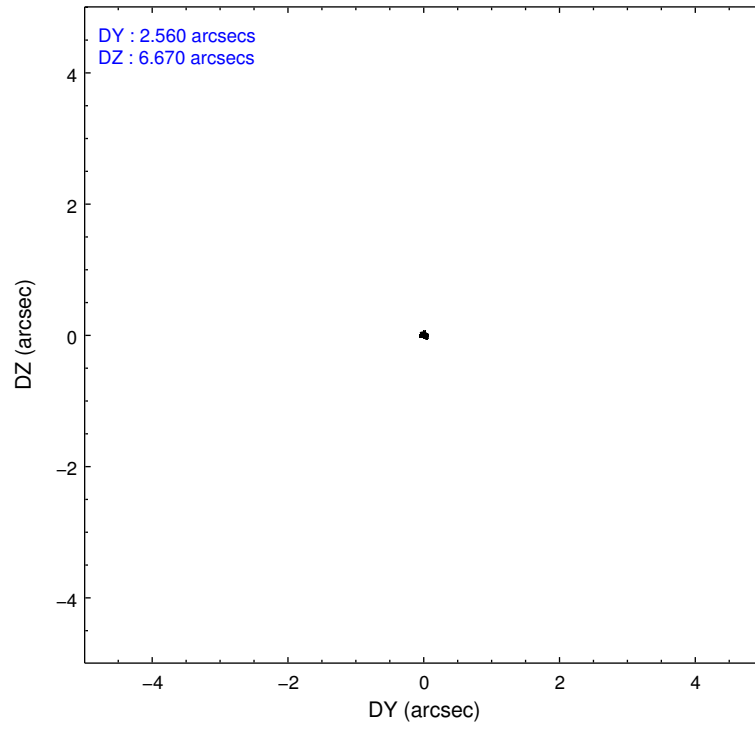
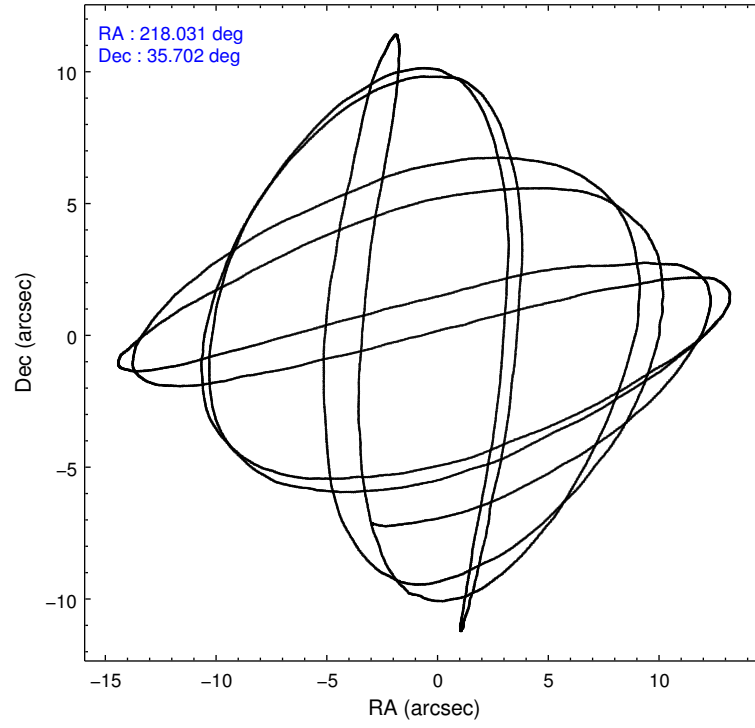
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	21727	22037	25827	24478	22747
rejected events	19341	19470	23386	22306	20436
rejected %	89%	88%	90%	91%	89%

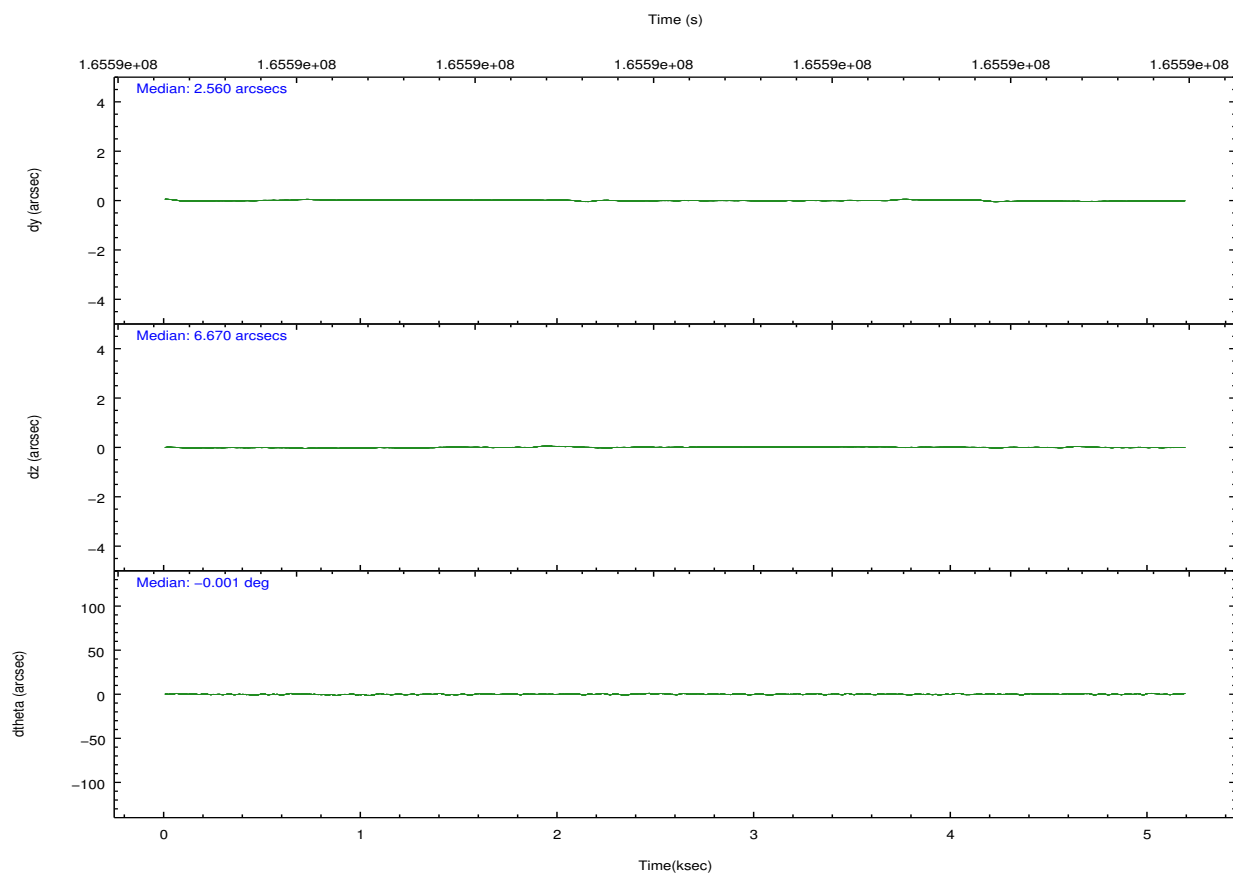
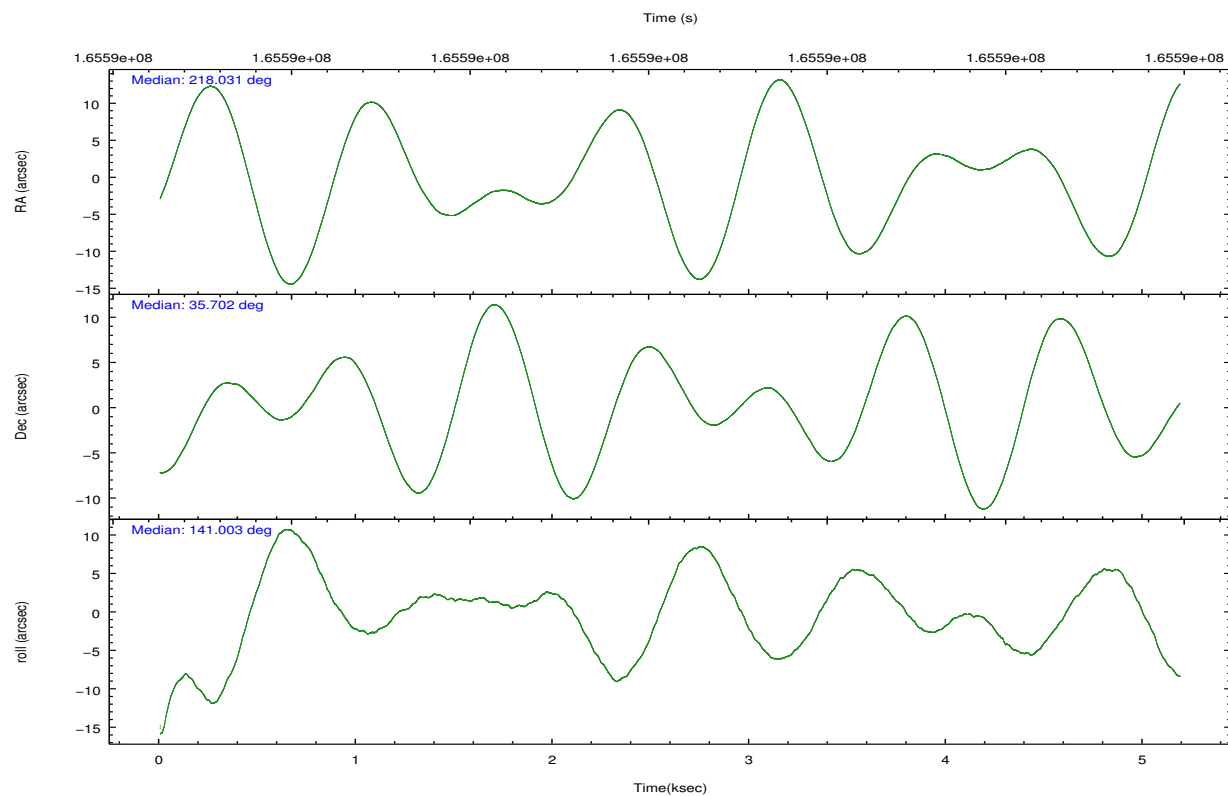
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	923	954	928	801	856
	4%	4%	3%	3%	3%
grade 1 events	13	17	10	15	14
	0%	0%	0%	0%	0%
grade 2 events	528	537	546	449	469
	2%	2%	2%	1%	2%
grade 3 events	272	259	289	257	251
	1%	1%	1%	1%	1%
grade 4 events	248	295	280	265	265
	1%	1%	1%	1%	1%
grade 5 events	645	764	650	760	732
	2%	3%	2%	3%	3%
grade 6 events	416	523	398	402	471
	1%	2%	1%	1%	2%
grade 7 events	18682	18688	22726	21529	19689
	85%	84%	87%	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	218.064658	218.0313715850152	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.697473	35.70157306268941	Alternating exposures requested	N	N
[deg] Pointing Roll	140.782117	141.0102331591104	[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)	165587714.184000	165587338.55824			
Observation start date	2003-04-01T12:34:10	2003-04-01T12:28:58			
[s] Observation end time (MET)	165592714.184000	165592917.12097			
Observation end date	2003-04-01T13:57:30	2003-04-01T14:01:57			
Read mode	TIMED	TIMED			

2.3 Aspect



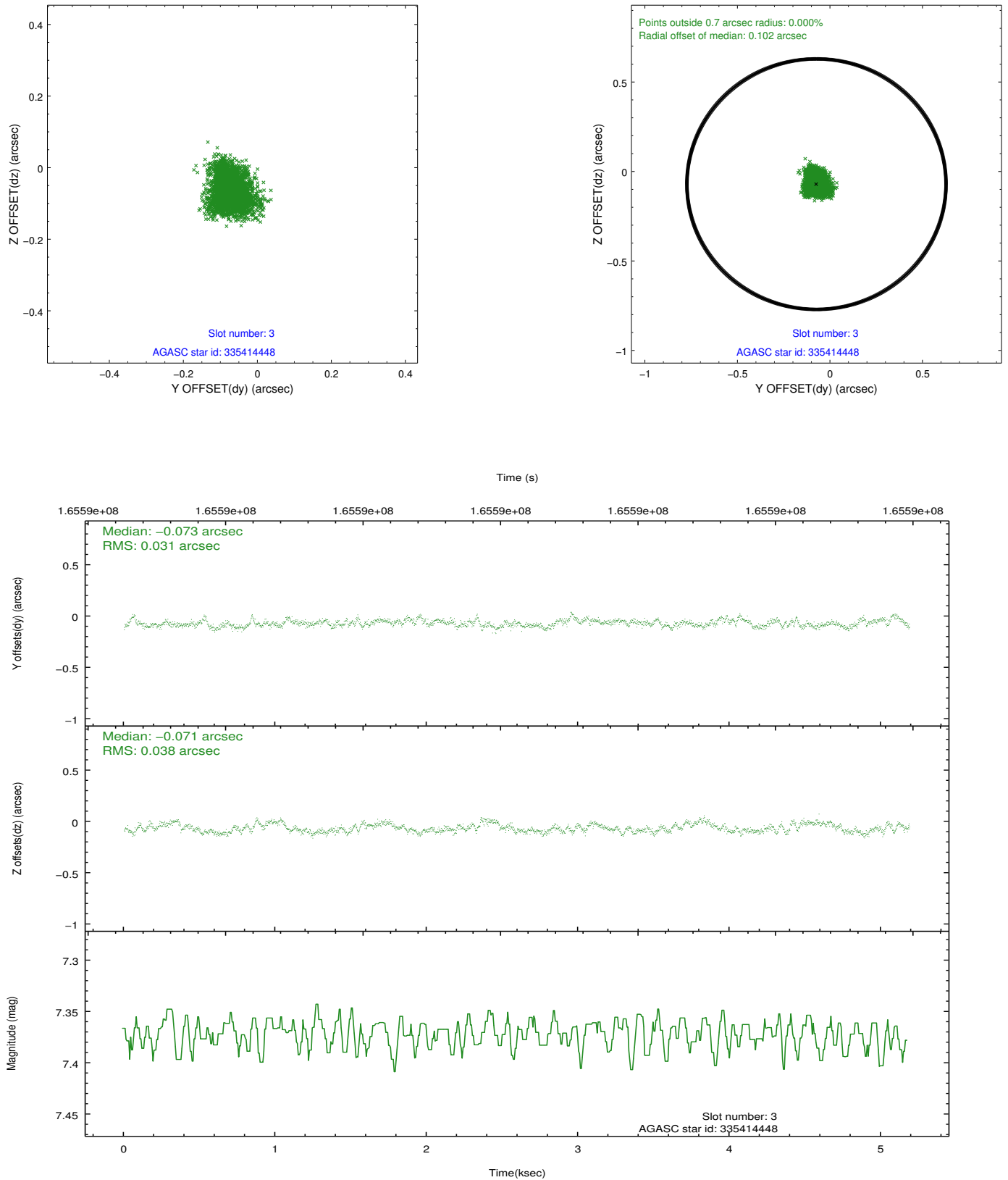


Slot Statistics

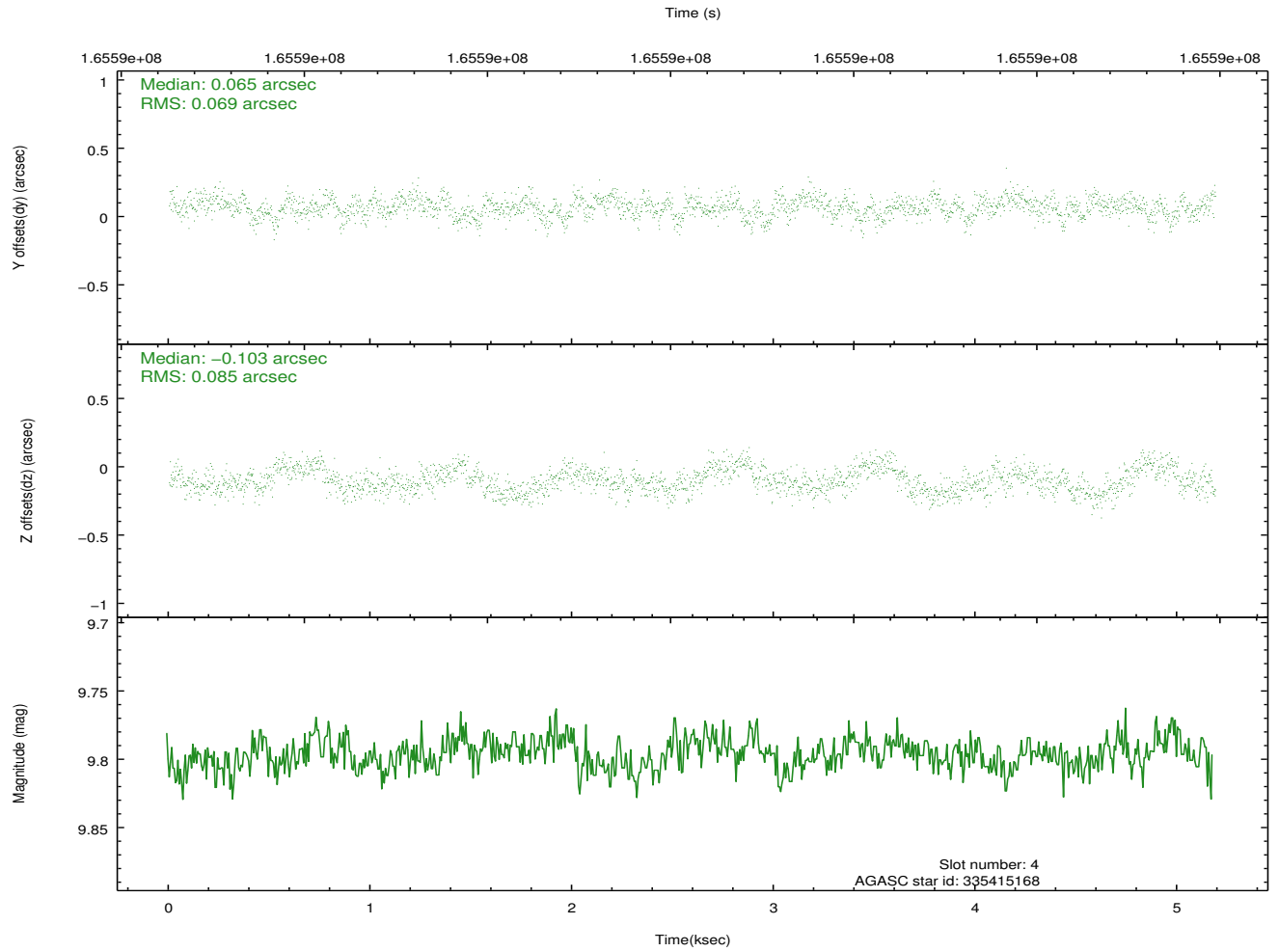
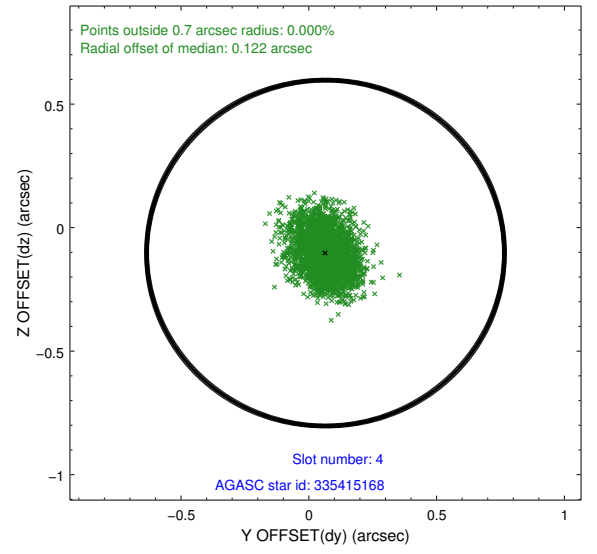
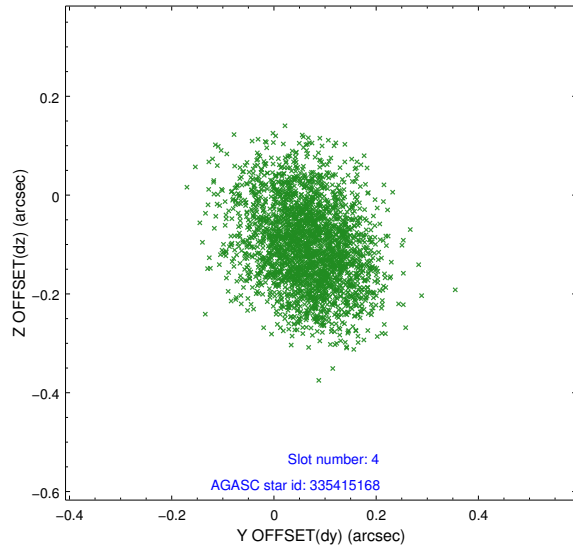
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1265	0.013	-0.006	0.006	0.011	0.000000	0.000000	937.24	-830.08
1	FID	ACIS-I-5	7.24	1265	-0.085	0.052	0.006	0.009	0.000000	0.000000	-1810.28	1066.94
2	FID	ACIS-I-6	7.26	1265	-0.021	0.024	0.006	0.011	0.000000	0.000000	401.54	1712.70
3	GUIDE	335414448	7.37	2531	-0.073	-0.071	0.054	0.086	216.992261	35.577204	2169.44	2307.75
4	GUIDE	335415168	9.80	2528	0.065	-0.103	0.118	0.186	217.681296	35.301767	-25.29	1815.06
5	GUIDE	335421608	9.19	2530	-0.016	0.066	0.111	0.174	217.691874	36.359353	2345.87	-1163.29
6	GUIDE	335421696	8.95	2528	-0.011	0.138	0.080	0.124	218.045699	35.772449	214.64	-174.49
7	GUIDE	335422272	9.47	2530	0.035	-0.034	0.089	0.141	217.586135	35.522660	690.83	1371.18

2.4 Star Slots

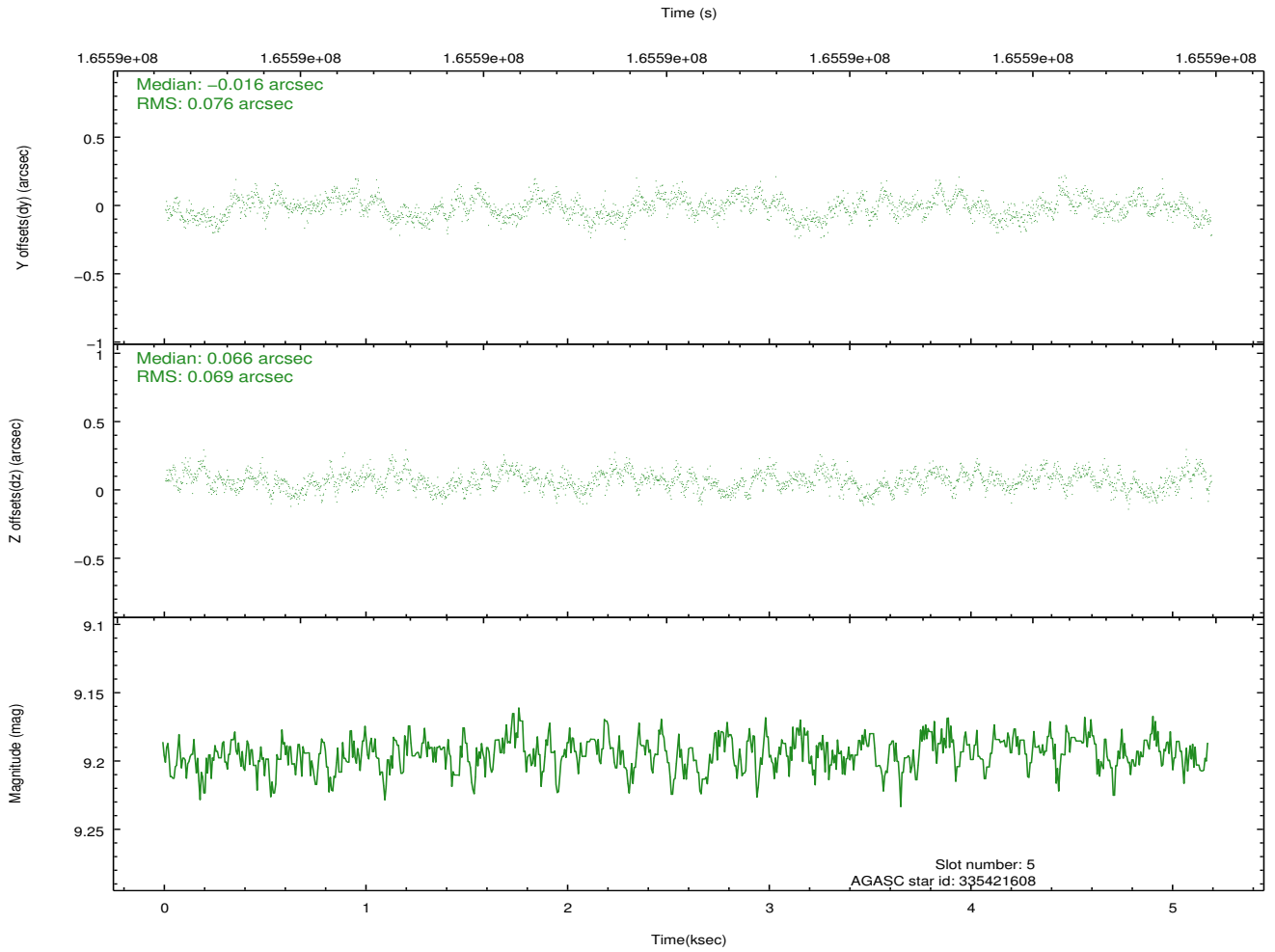
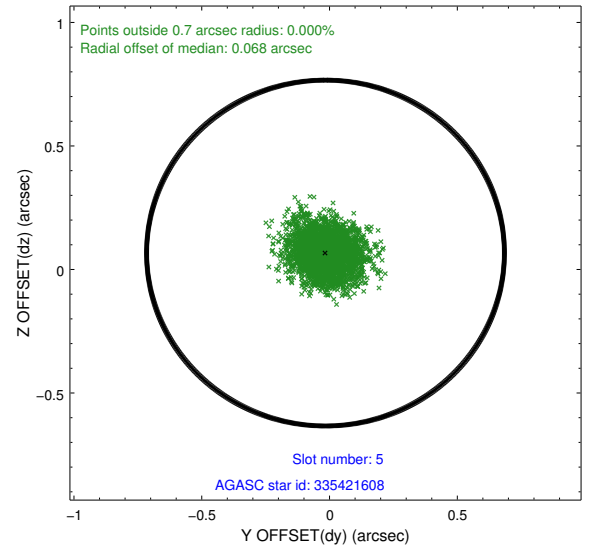
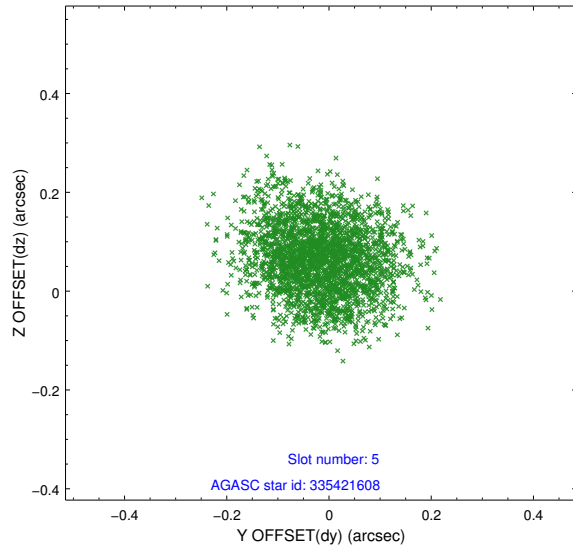
2.4.1 Slot 3



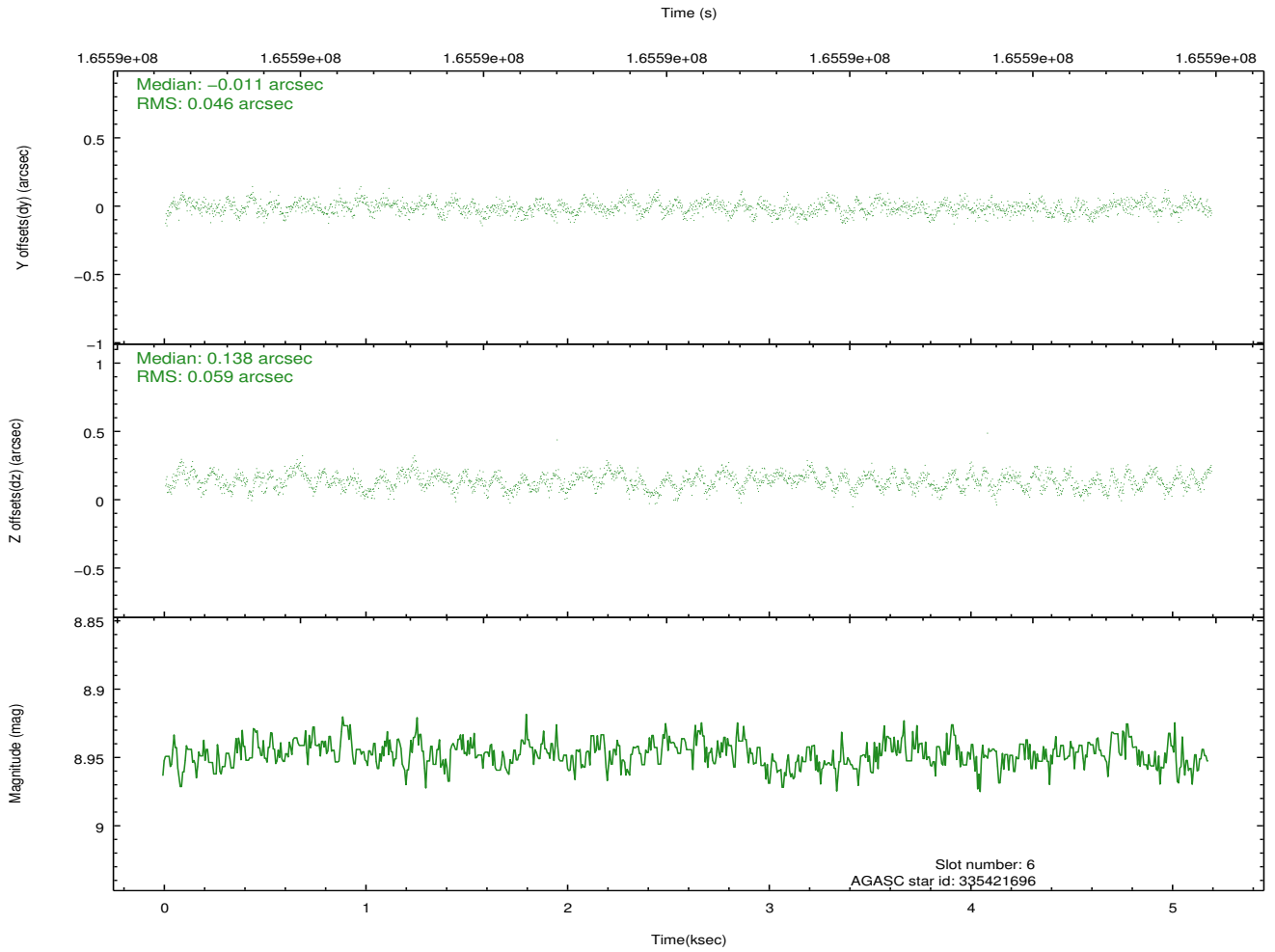
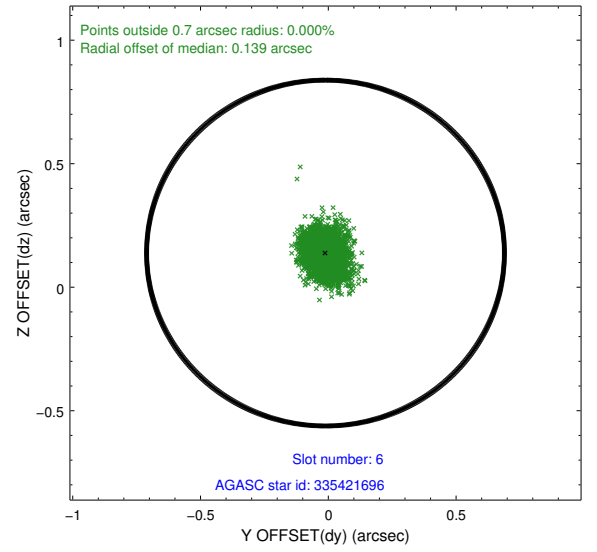
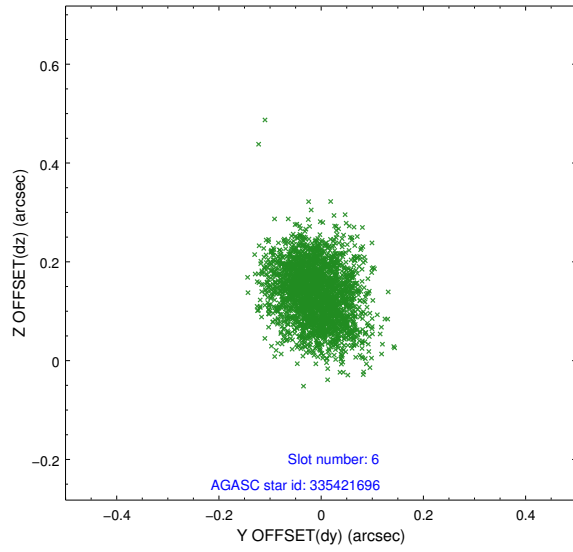
2.4.2 Slot 4



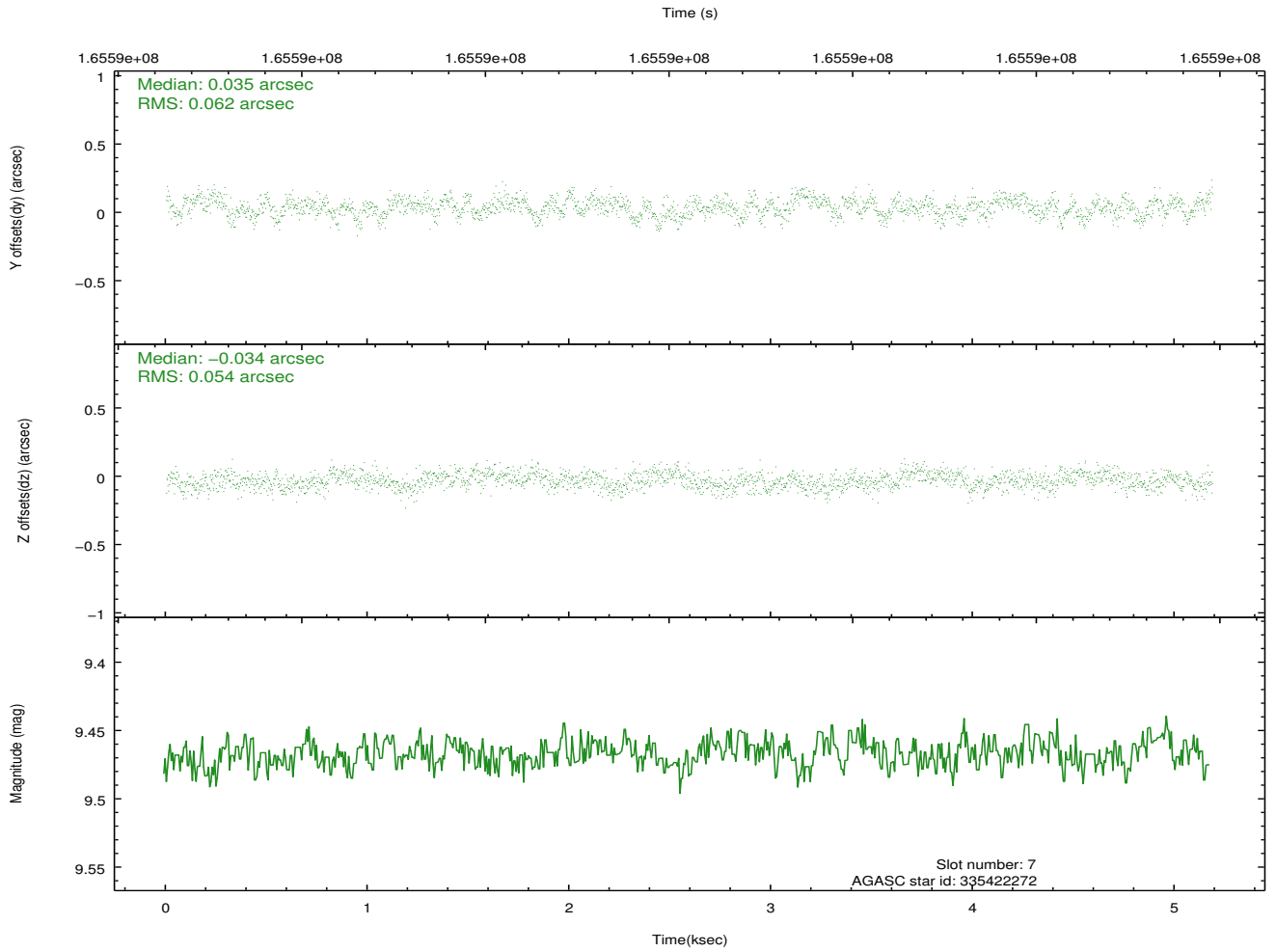
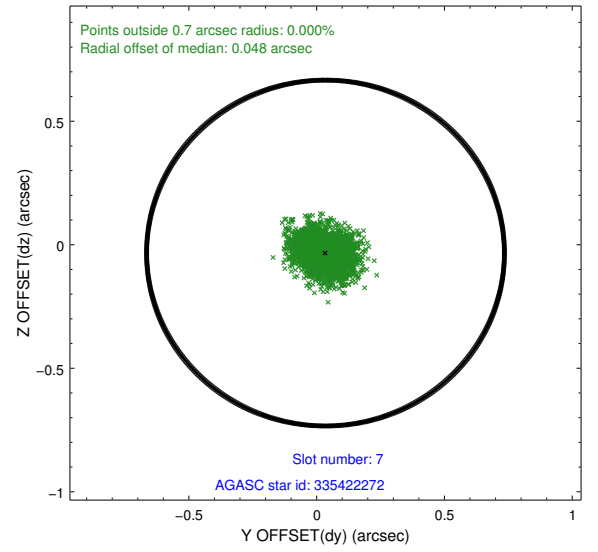
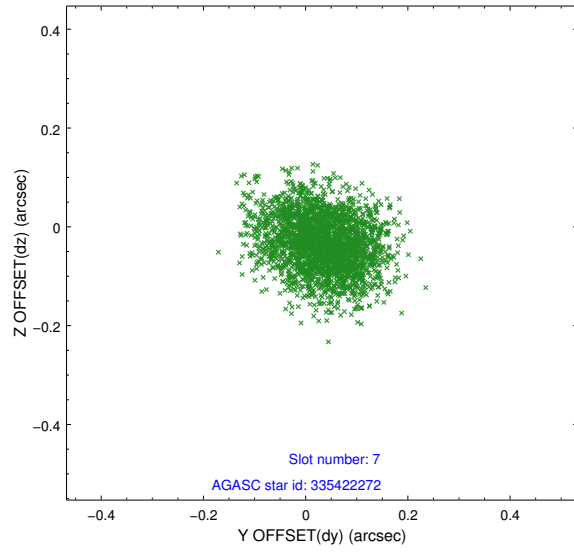
2.4.3 Slot 5



2.4.4 Slot 6

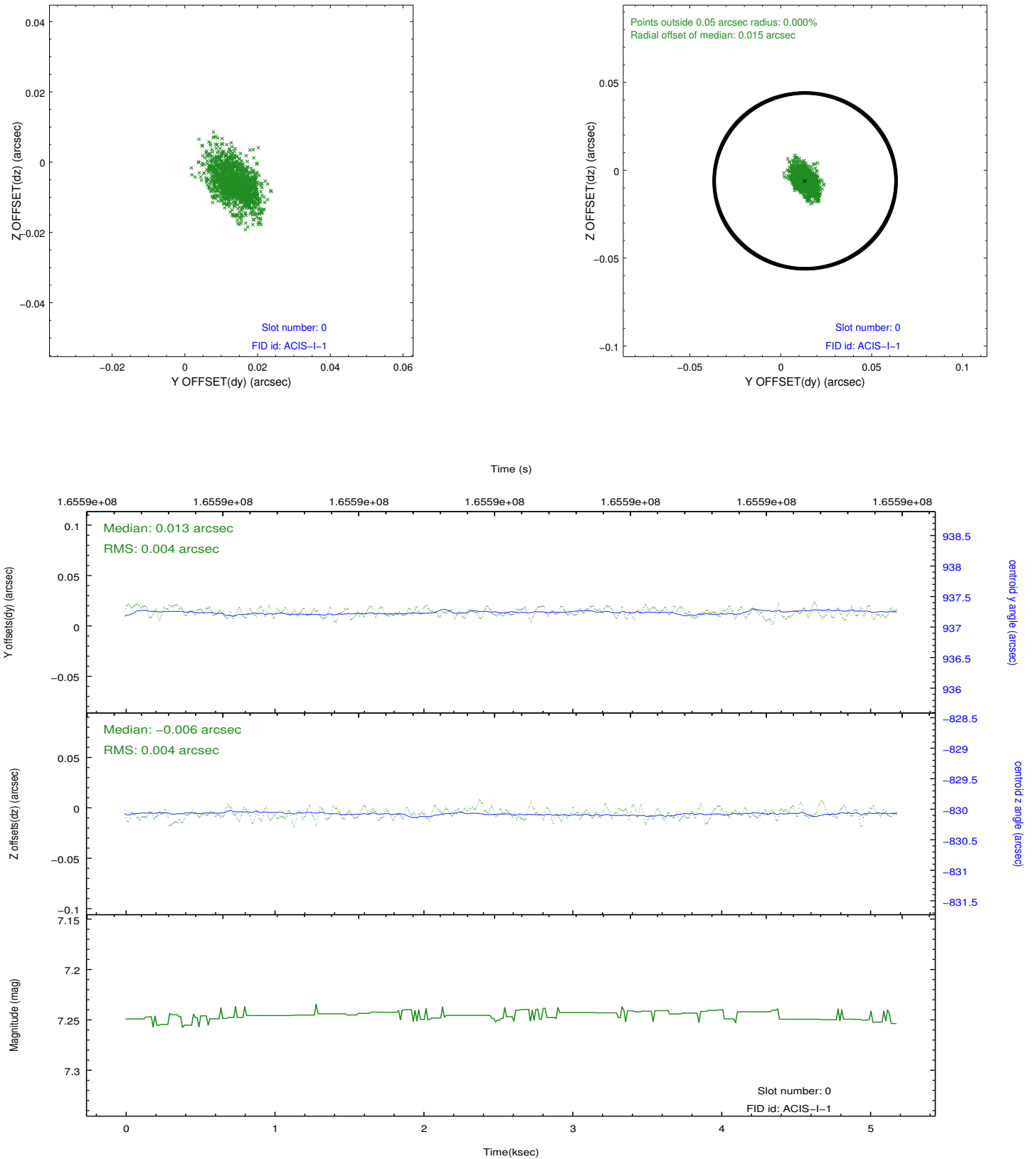


2.4.5 Slot 7

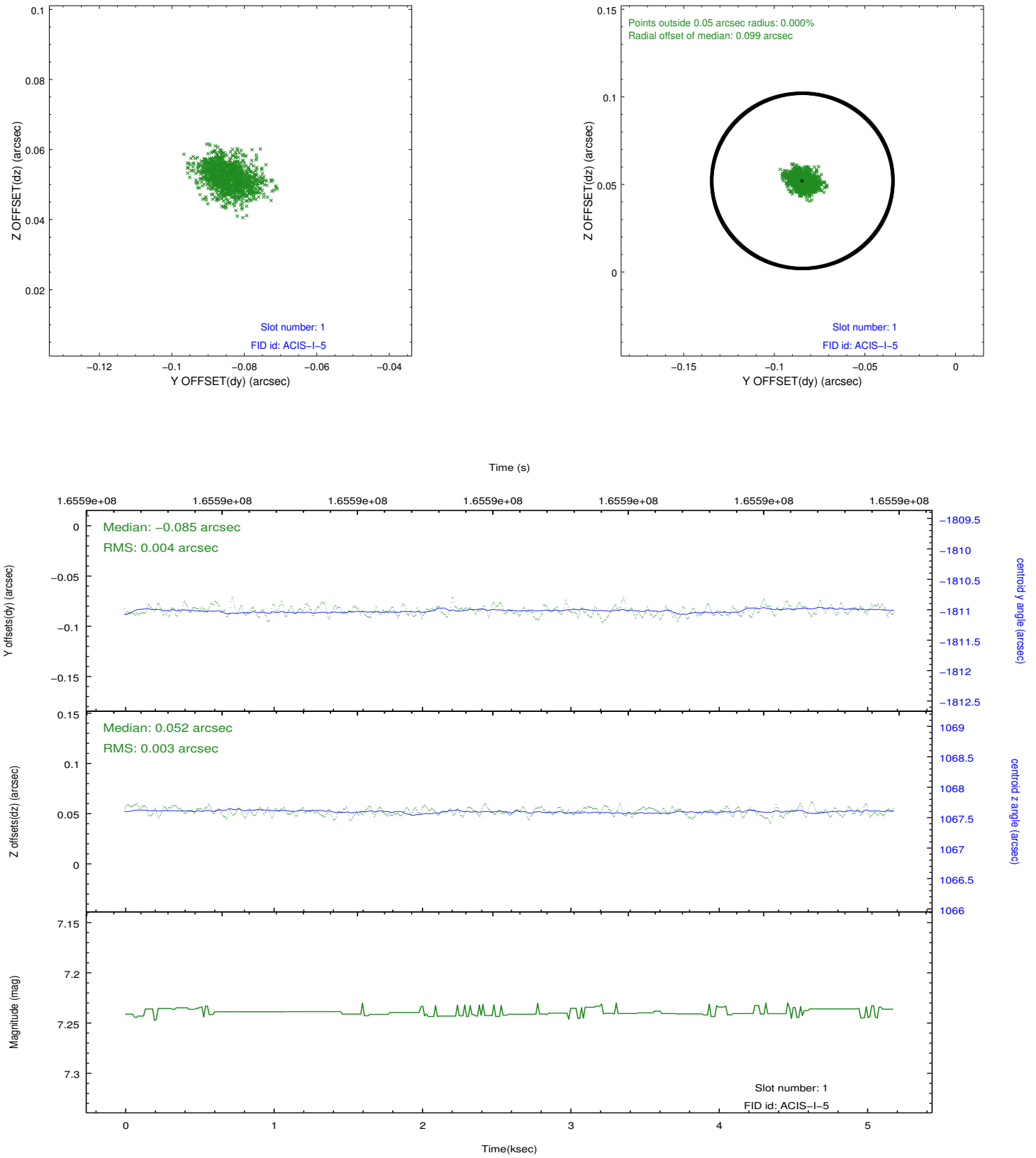


2.5 FID Slots

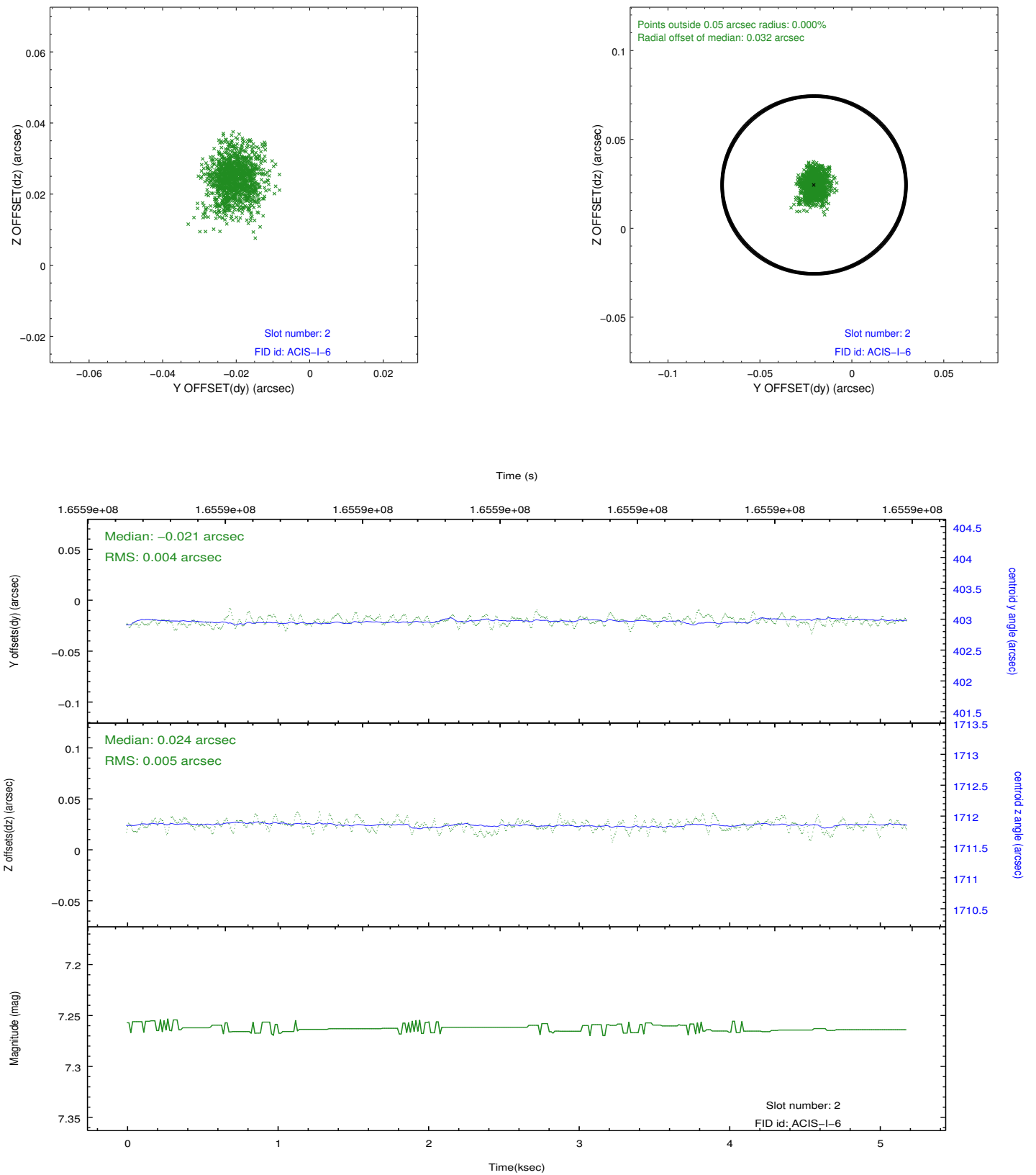
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.78

A.2 Comments