

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9480 - L2 Version 2
Chandra X-Ray Center

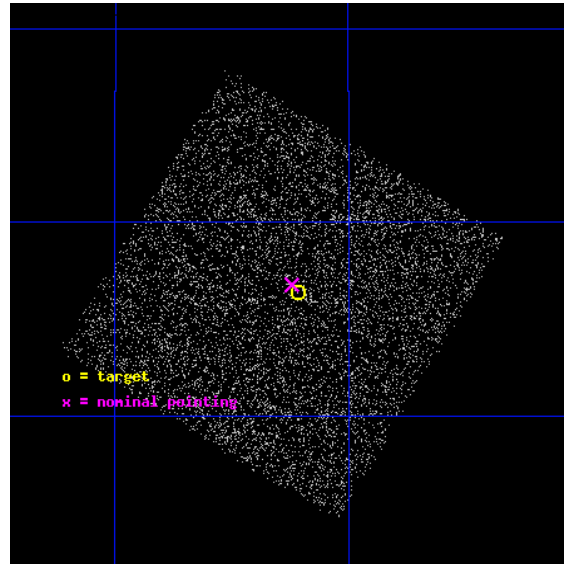
L2 Processing Date : May 25 2012

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1 Front

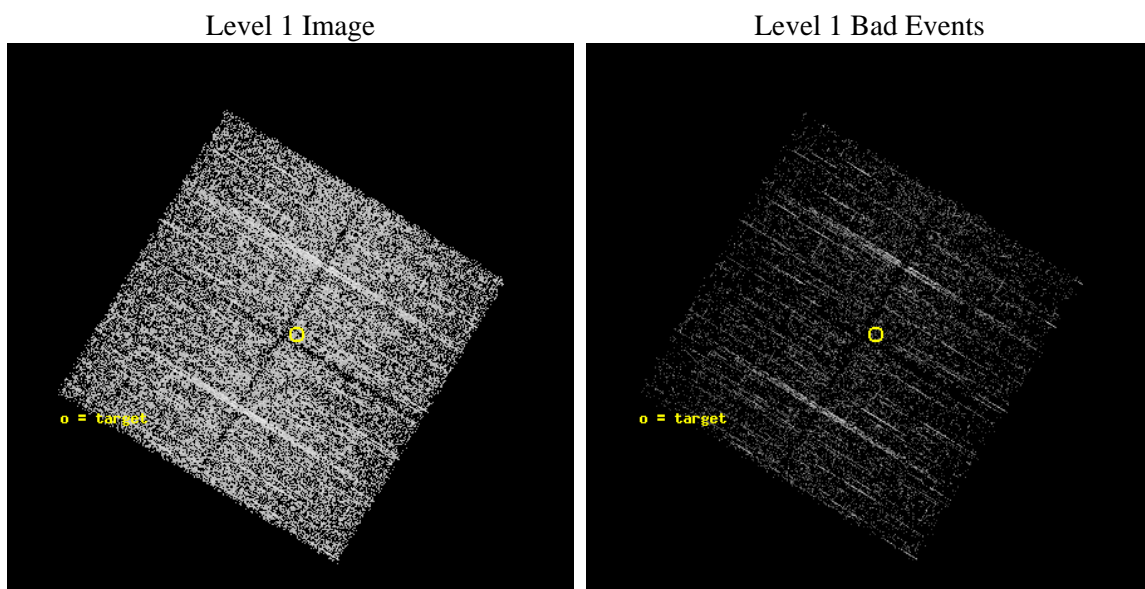
seq_num	900817	Sequence number
obs_id	9480	Observation id
title	Comparing the emission from an unbiased AGN sample with the X-ray background	Proposal title
observer	Dr Roland Walter	Principal investigator
object	IGR J12422+3526	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.554167	Observer's specified target RA [deg]
dec_targ	35.440278	Observer's specified target Dec [deg]
ra_nom	190.56060409281	Nominal RA [deg]
dec_nom	35.446303201702	Nominal Dec [deg]
roll_nom	31.079014830641	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2160.7000166178	Sum of GTIs [s]
livetime	2132.4688802165	Livetime [s]
ontime0	2160.7000166178	Sum of GTIs [s]
ontime1	2160.7000166178	Sum of GTIs [s]
ontime2	2160.7000166178	Sum of GTIs [s]
ontime3	2160.7000166178	Sum of GTIs [s]
l2events	9015	Number of level 2 events



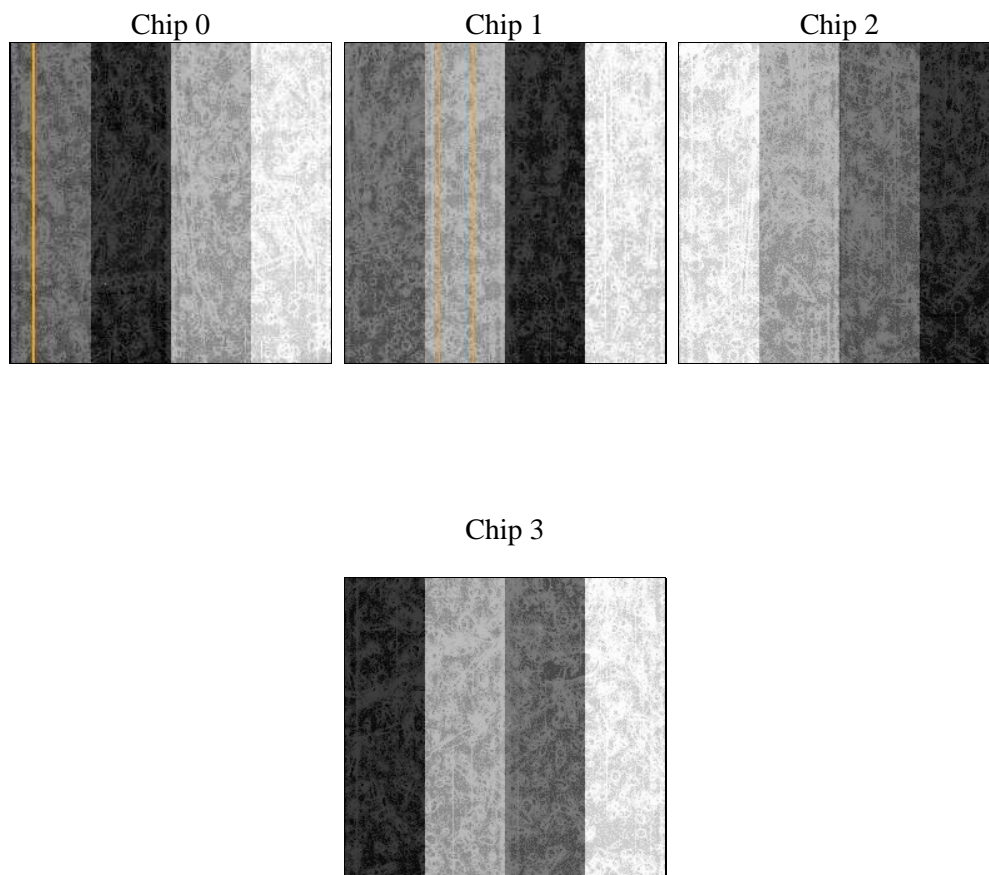
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	2160.7000166178	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	2160.7000166178	Sum of GTIs [s]
date	2012-05-25T03:02:45	Date and time of file creation	ontime1	2160.7000166178	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	2160.7000166178	Sum of GTIs [s]
			ontime3	2160.7000166178	Sum of GTIs [s]
			l1events	115126	Number of level 1 events

2.1.4 Events

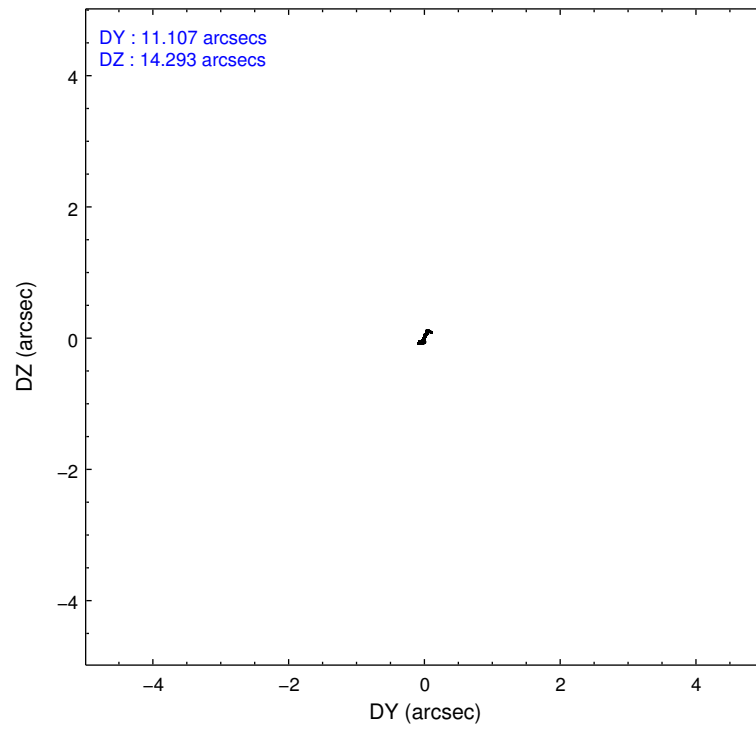
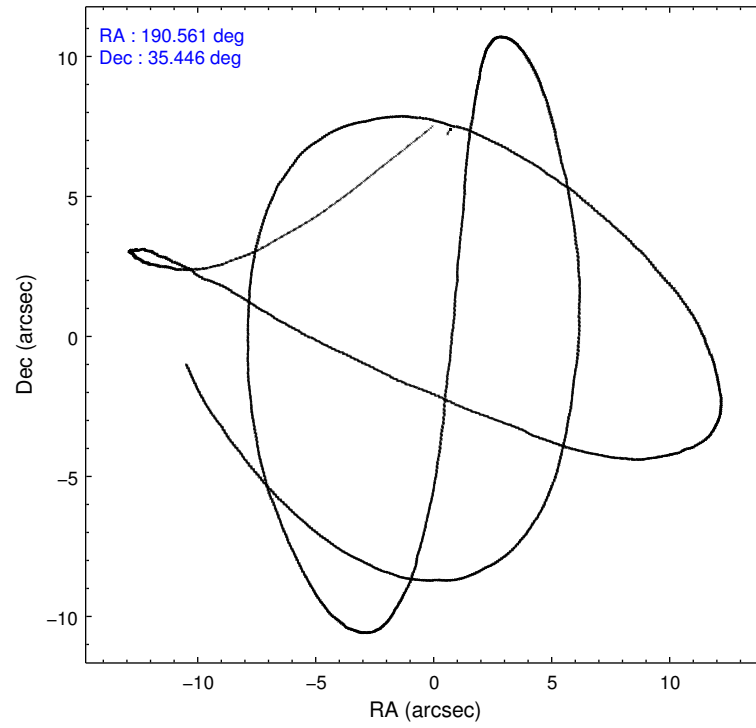
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	28242	28497	29139	29248
rejected events	25700	25779	26517	26674
rejected %	90%	90%	91%	91%

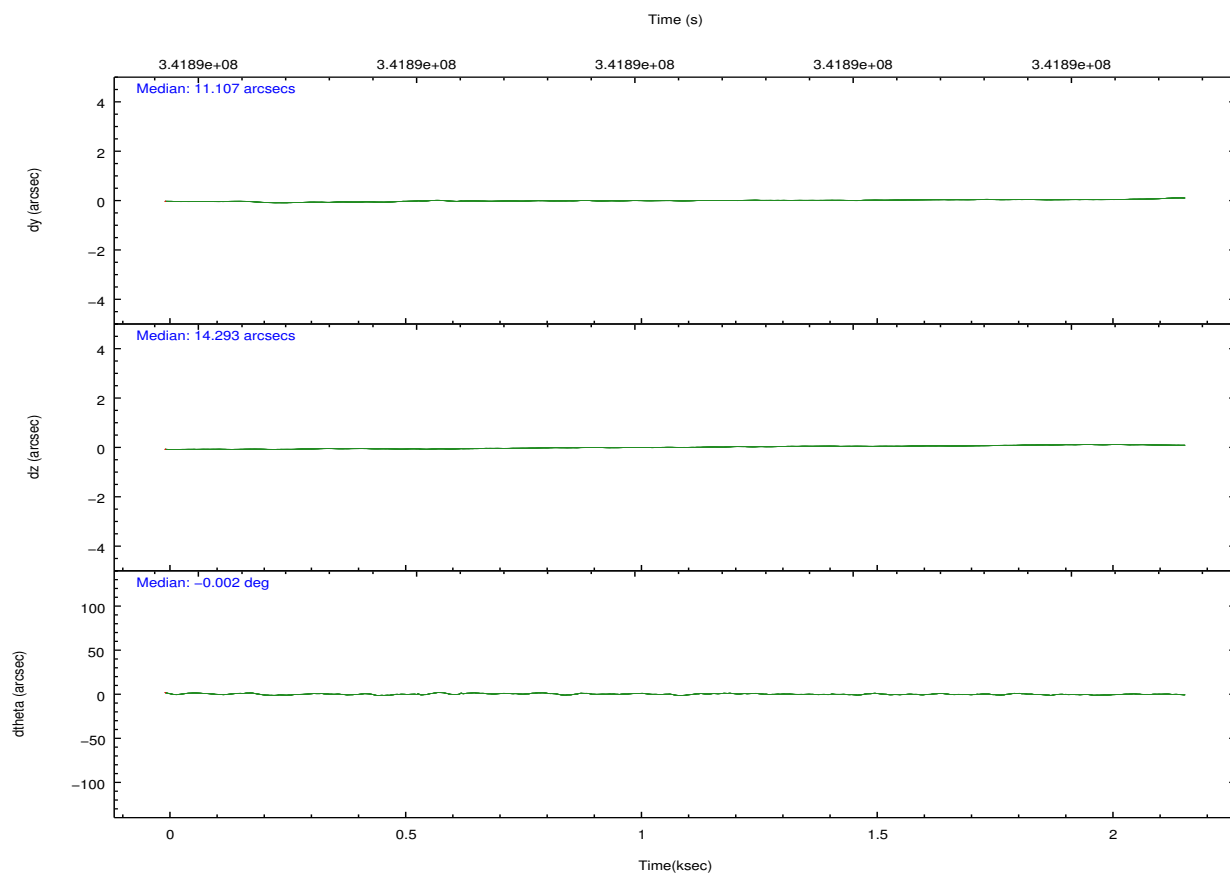
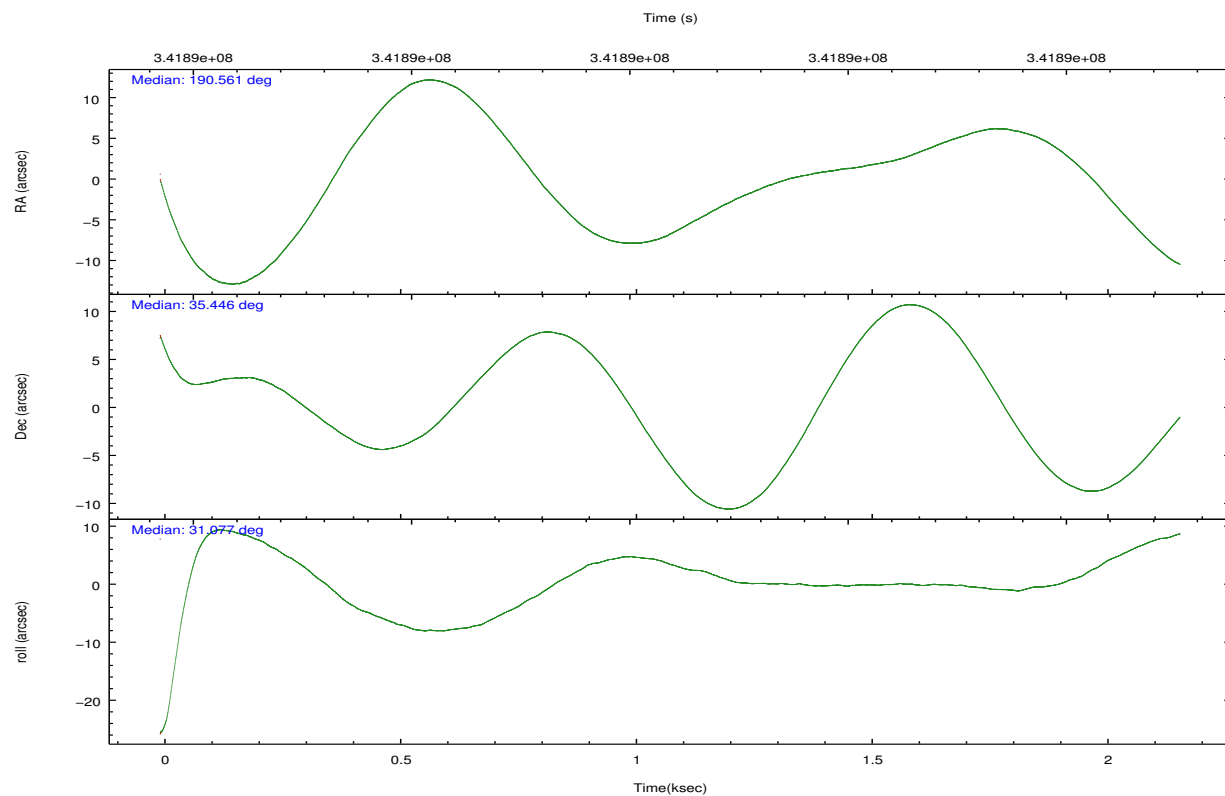
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1568	1500	1701	1689
	5%	5%	5%	5%
grade 1 events	17	19	25	21
	0%	0%	0%	0%
grade 2 events	801	926	745	739
	2%	3%	2%	2%
grade 3 events	343	357	330	360
	1%	1%	1%	1%
grade 4 events	348	366	360	352
	1%	1%	1%	1%
grade 5 events	1325	1349	1256	1501
	4%	4%	4%	5%
grade 6 events	656	766	648	662
	2%	2%	2%	2%
grade 7 events	23184	23214	24074	23924
	82%	81%	82%	81%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	190.544561	190.5606040928122	Subarray requested	NONE	NONE
[deg] Pointing Dec	35.422205	35.4463032017023	Alternating exposures requested	N	N
[deg] Pointing Roll	30.879832	31.07901483064146	[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)	341891674.184000	341890268.73764			
Observation start date	2008-11-01T01:53:29	2008-11-01T01:31:08			
[s] Observation end time (MET)	341893674.184000	341894324.66284			
Observation end date	2008-11-01T02:26:49	2008-11-01T02:38:44			
Read mode	TIMED	TIMED			

2.3 Aspect



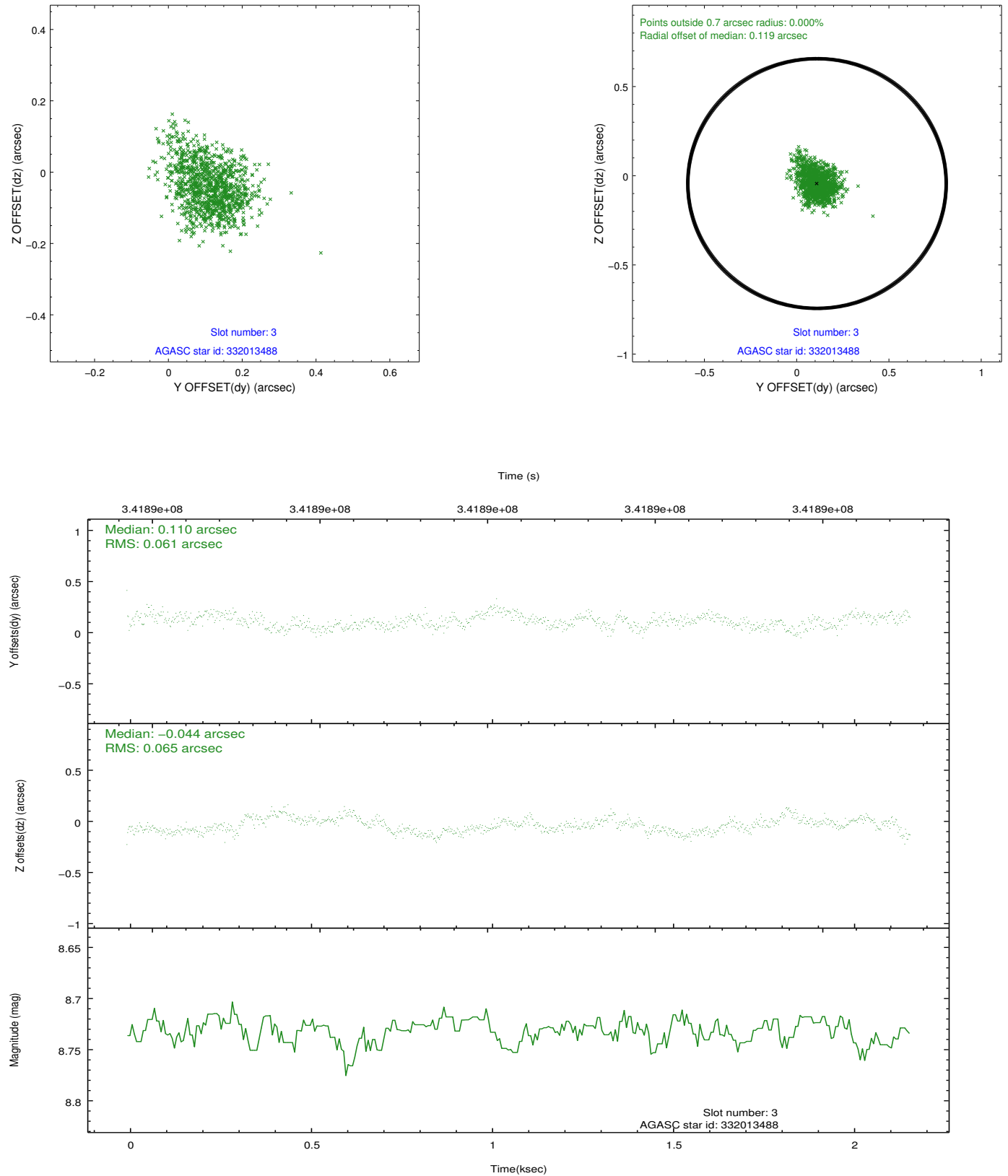


Slot Statistics

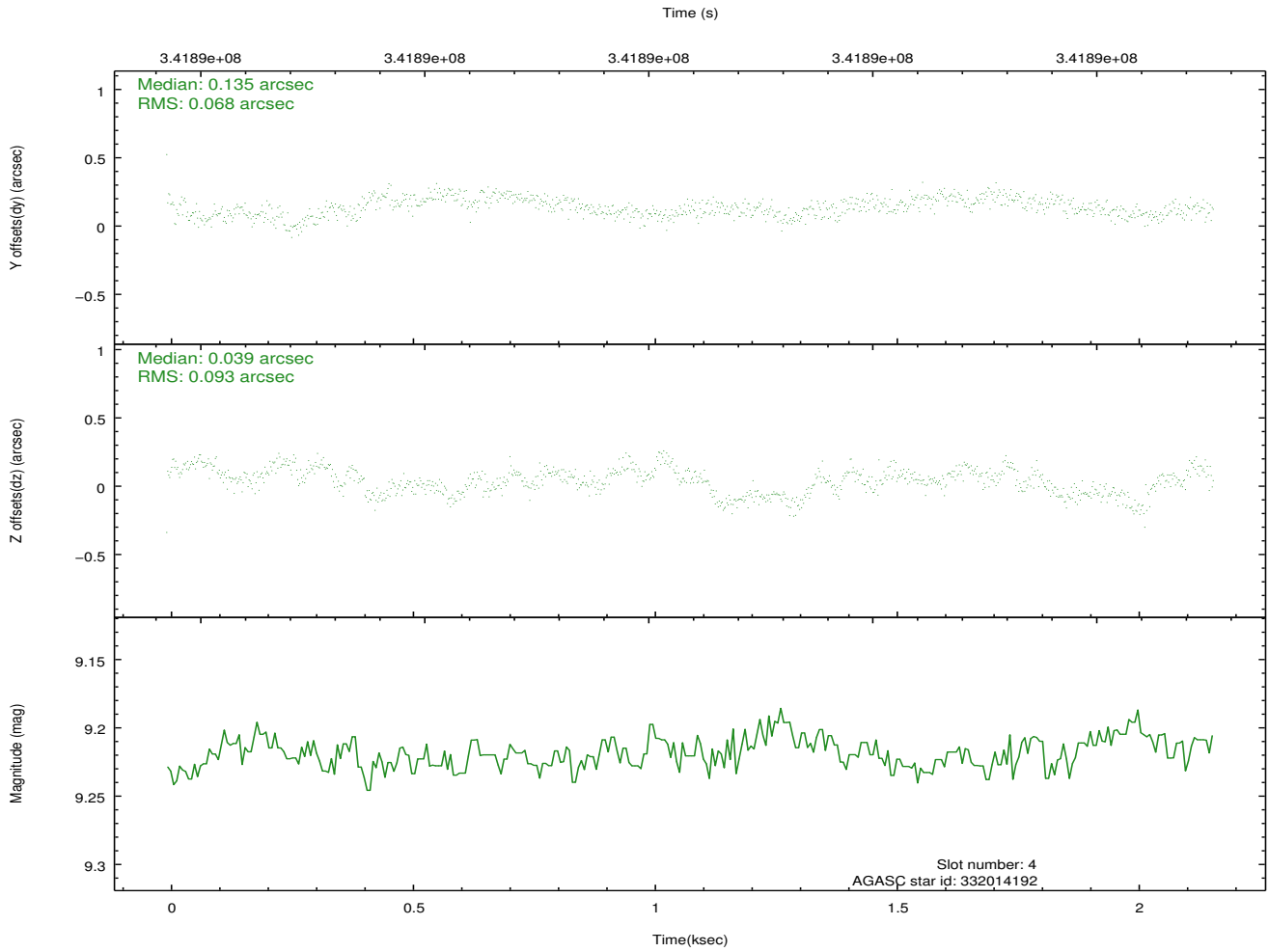
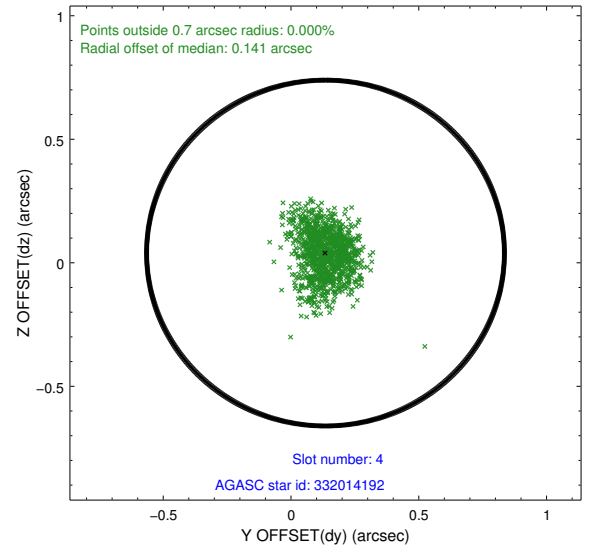
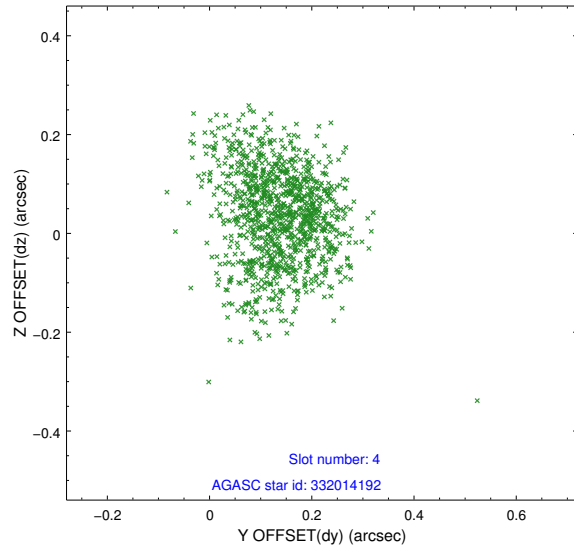
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-4	6.92	528	0.072	0.033	0.007	0.013	0.000000	0.000000	2148.50	1062.03
1	FID	ACIS-I-5	6.97	528	-0.186	0.022	0.005	0.011	0.000000	0.000000	-1815.85	1061.72
2	FID	ACIS-I-6	6.98	528	0.014	0.012	0.008	0.014	0.000000	0.000000	390.75	1706.03
3	GUIDE	332013488	8.73	1056	0.110	-0.044	0.095	0.155	191.204289	35.642967	2068.56	-302.98
4	GUIDE	332014192	9.22	1056	0.135	0.039	0.121	0.200	190.471528	35.049316	-870.58	-1042.14
5	GUIDE	332015640	9.26	1056	0.073	0.037	0.121	0.187	190.909260	35.310478	713.94	-894.06
6	GUIDE	332017184	9.38	1055	-0.416	-0.236	0.101	0.156	190.843805	36.173324	2135.84	1874.55
7	GUIDE	332021344	8.32	1055	0.092	0.200	0.061	0.099	189.937719	35.086871	-2148.38	-112.31

2.4 Star Slots

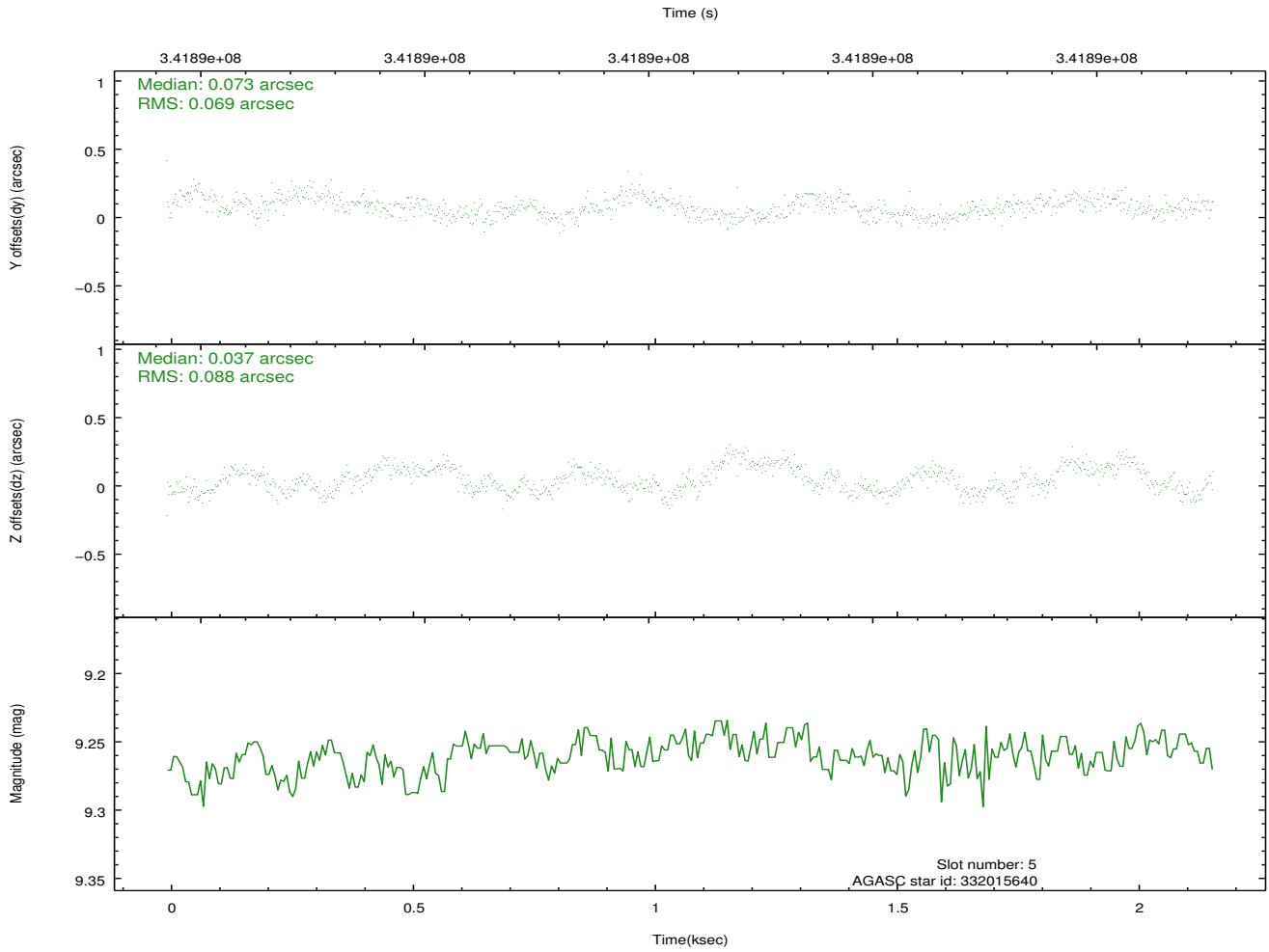
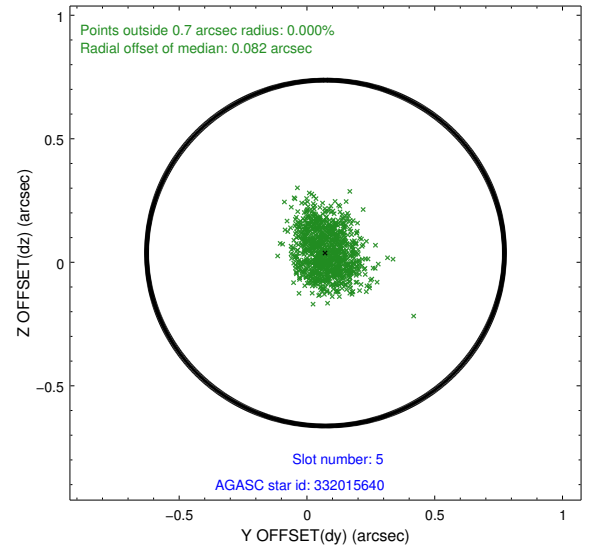
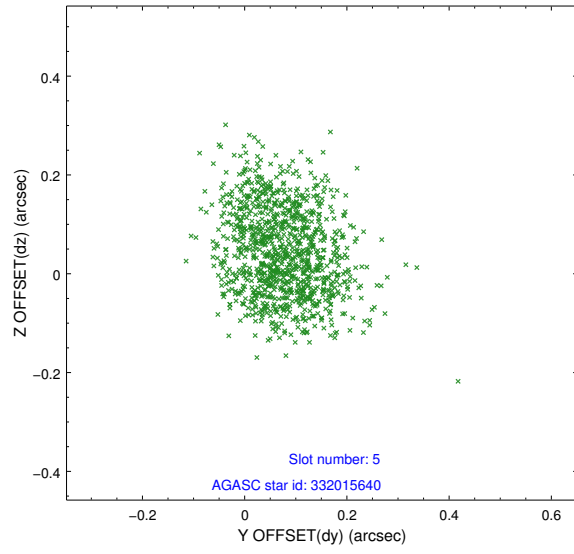
2.4.1 Slot 3



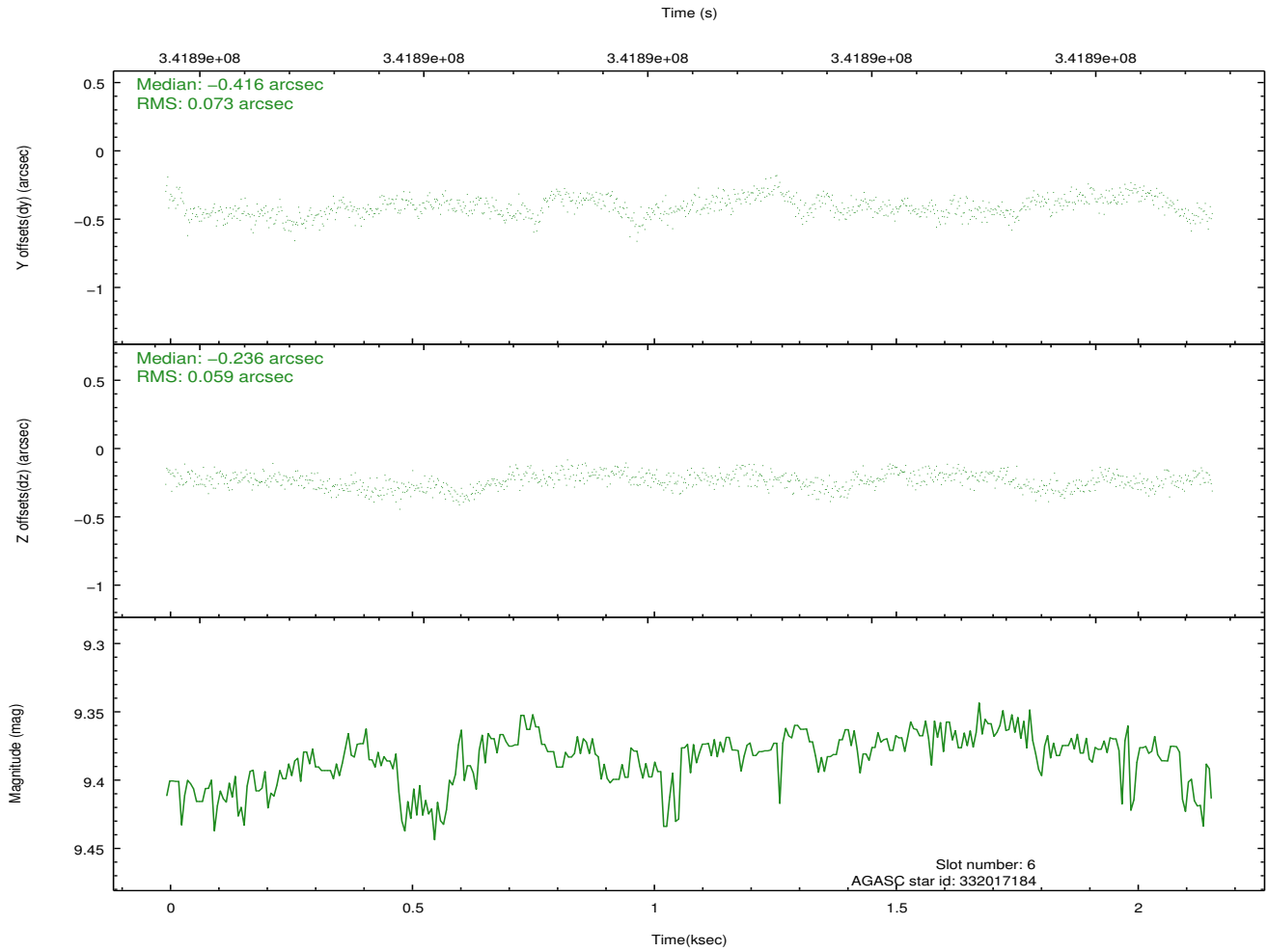
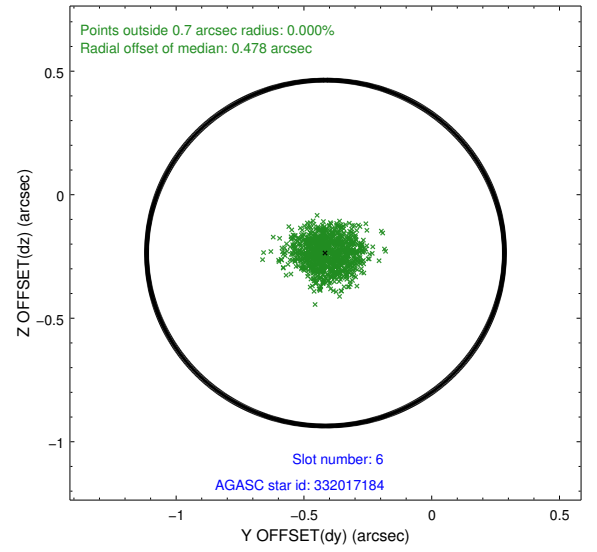
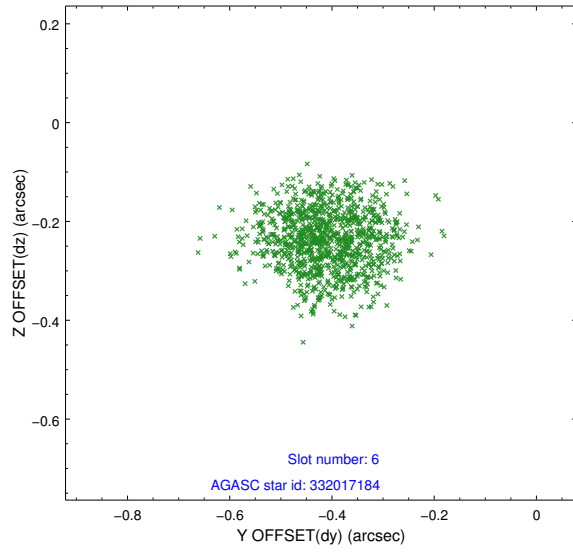
2.4.2 Slot 4



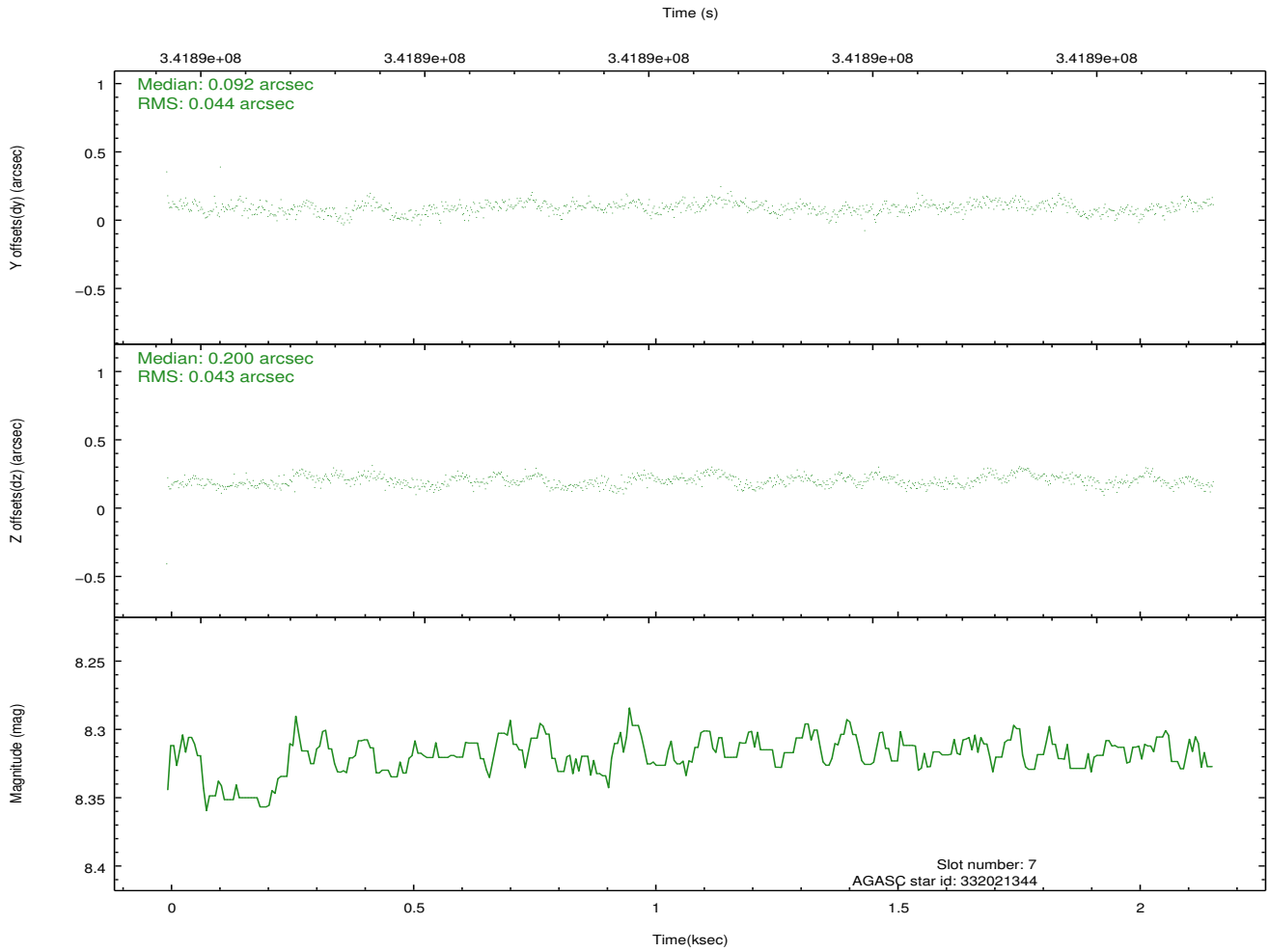
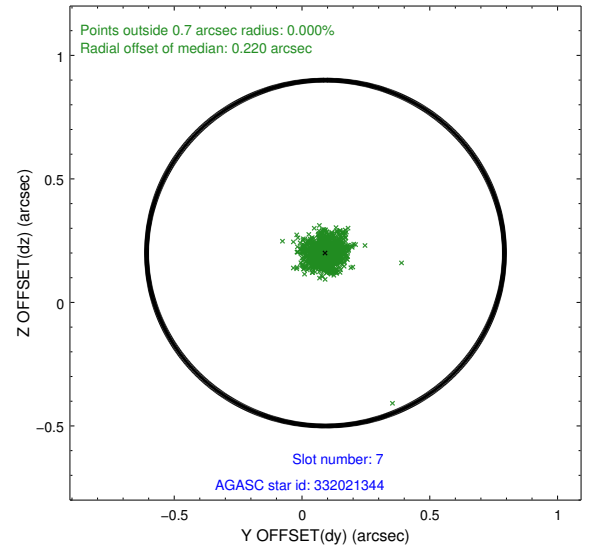
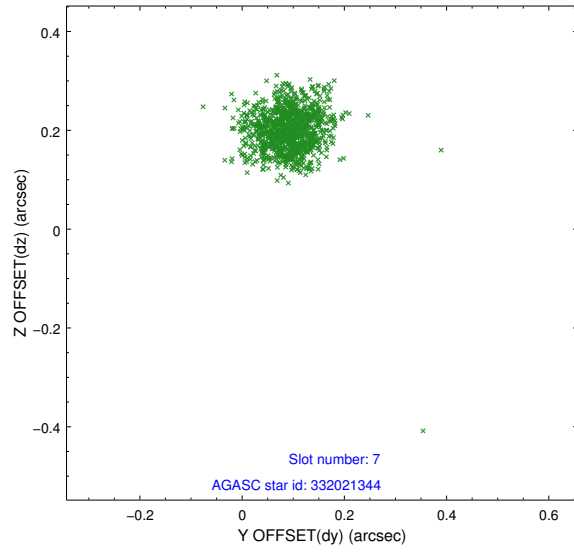
2.4.3 Slot 5



2.4.4 Slot 6

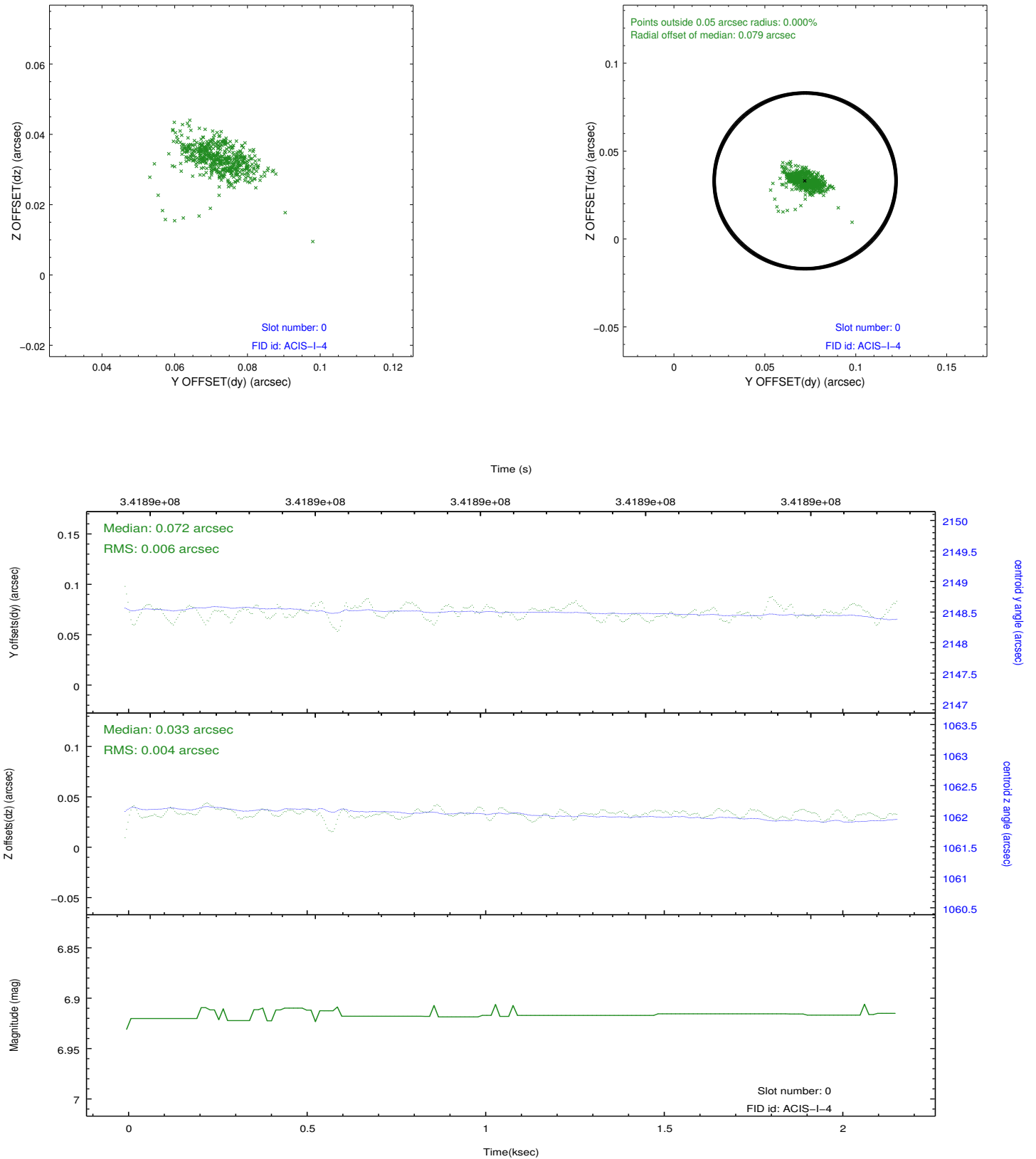


2.4.5 Slot 7

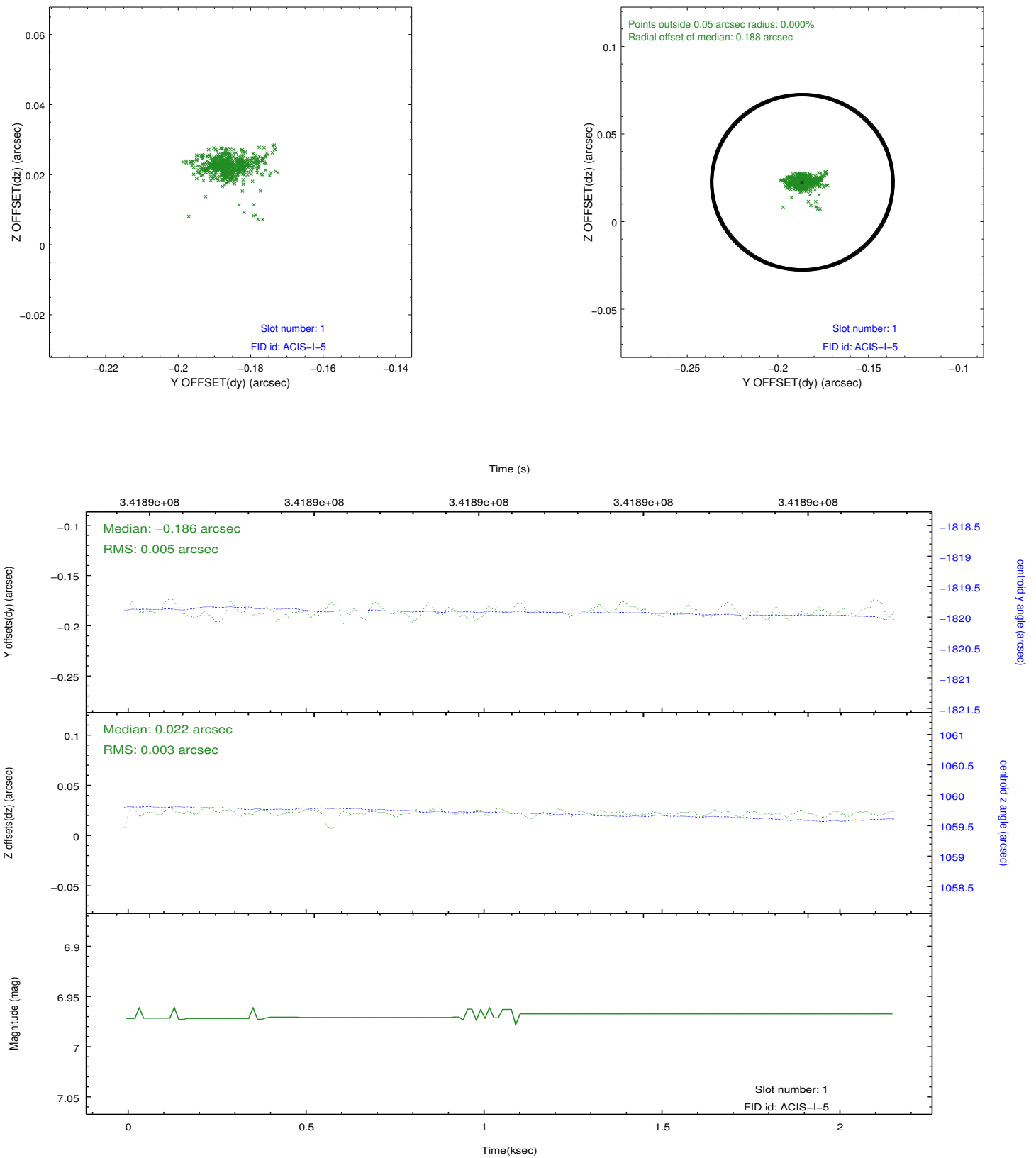


2.5 FID Slots

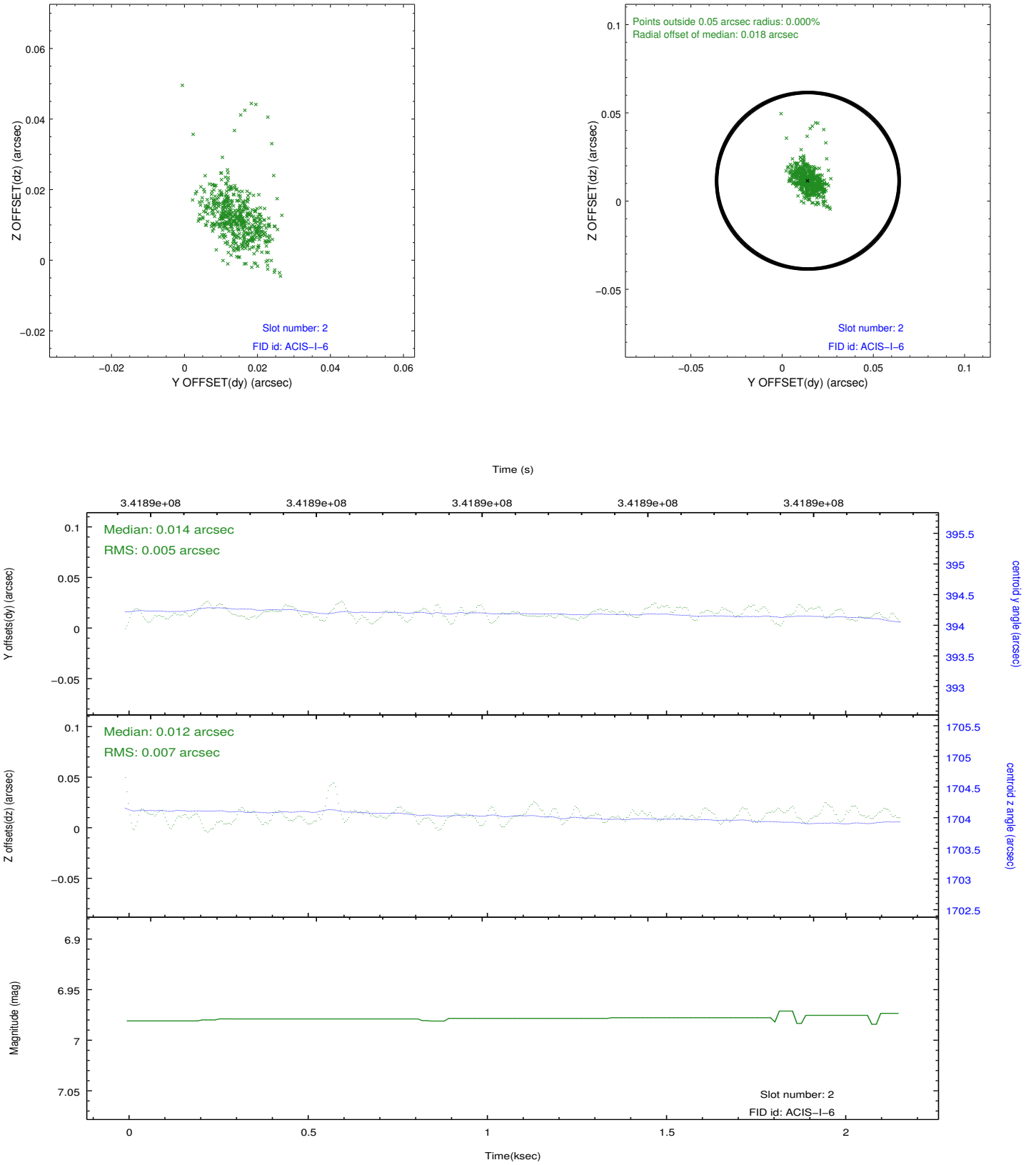
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.05.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.16070001

A.2 Comments