

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3481 - L2 Version 3
Chandra X-Ray Center

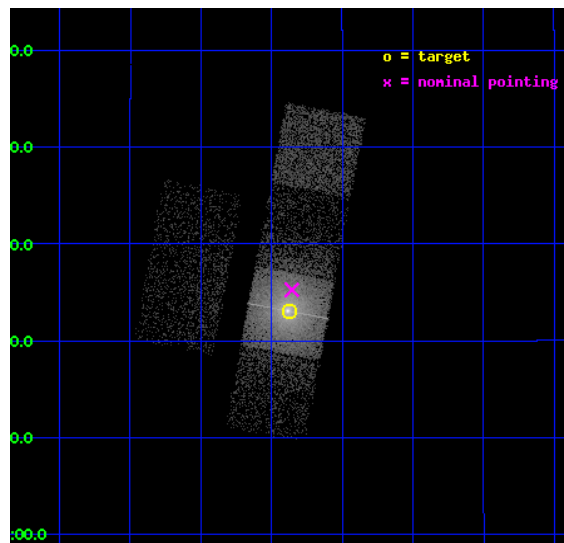
L2 Processing Date : Oct 5 2012

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1 Front

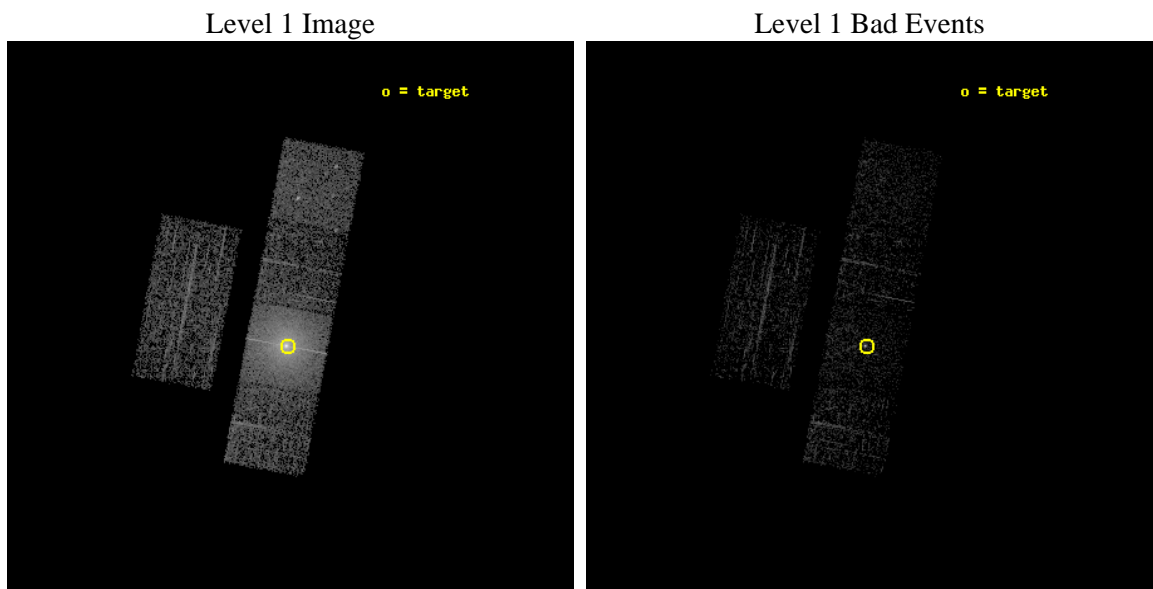
seq_num	400248	Sequence number
obs_id	3481	Observation id
title	AN ACCURATE POSITION FOR THE BLACK HOLE CANDIDATE XTE J1908+094	Pr
observer	DR. Michael Rupen	Principal investigator
object	XTE J1908+094	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	287.218917	Observer's specified target RA [deg]
dec_targ	9.384028	Observer's specified target Dec [deg]
ra_nom	287.213862274	Nominal RA [deg]
dec_nom	9.4210351468996	Nominal Dec [deg]
roll_nom	100.72826349069	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1129.5999957919	Sum of GTIs [s]
livetime	1115.2963204817	Livetime [s]
ontime2	1129.5999957919	Sum of GTIs [s]
ontime3	1129.5999957919	Sum of GTIs [s]
ontime5	1129.5999957919	Sum of GTIs [s]
ontime6	1129.5999957919	Sum of GTIs [s]
ontime7	1129.5999957919	Sum of GTIs [s]
ontime8	1129.5999957919	Sum of GTIs [s]
l2events	48258	Number of level 2 events



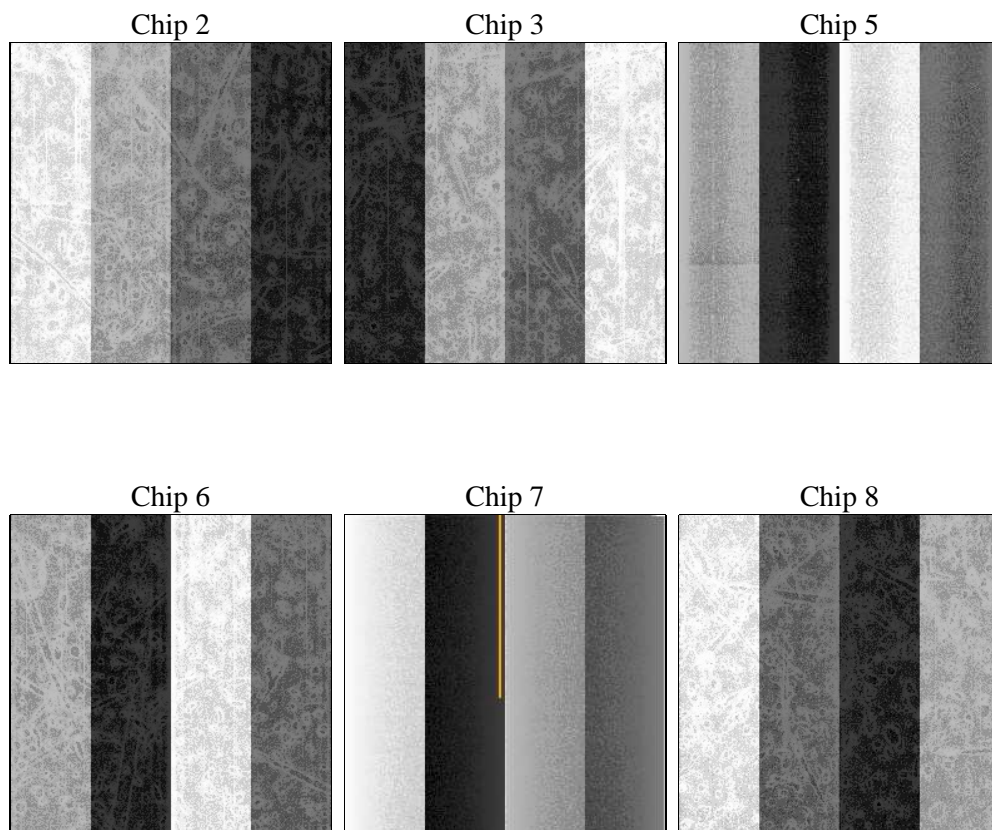
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	994.243000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1129.5999957919	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	1129.5999957919	Sum of GTIs [s]
date	2012-10-05T14:19:29	Date and time of file creation	ontime3	1129.5999957919	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	1129.5999957919	Sum of GTIs [s]
			ontime6	1129.5999957919	Sum of GTIs [s]
			ontime7	1129.5999957919	Sum of GTIs [s]
			ontime8	1129.5999957919	Sum of GTIs [s]
			l1events	90655	Number of level 1 events

2.1.4 Events

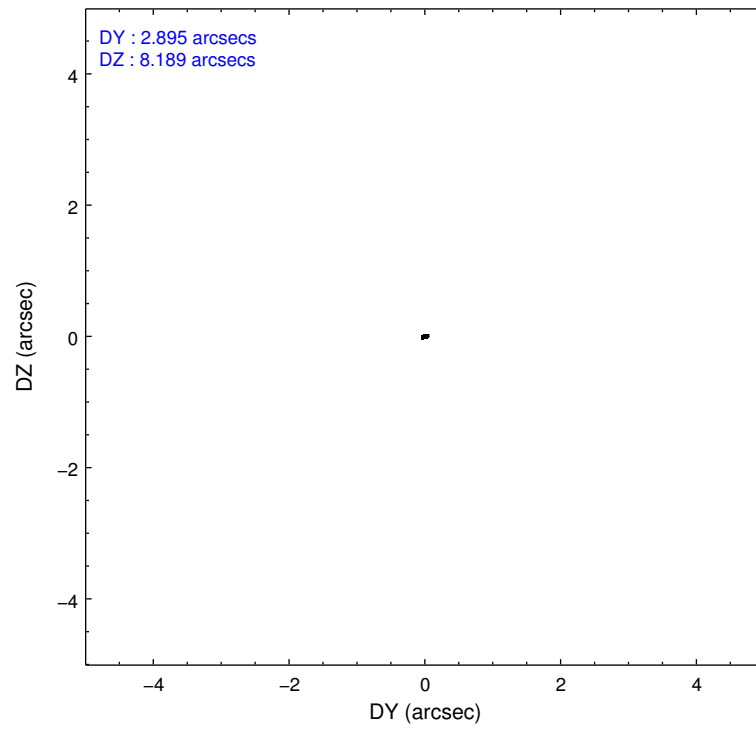
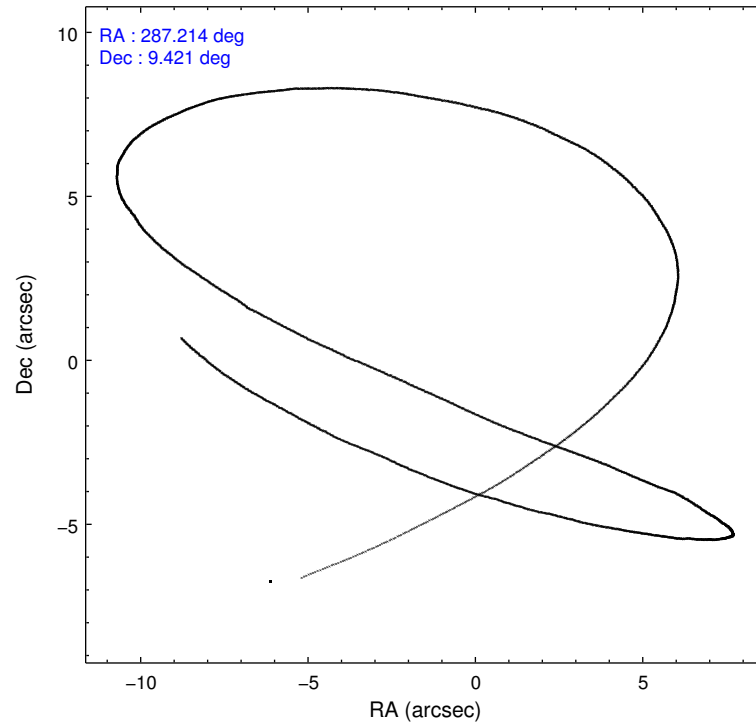
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	8017	7825	10901	8334	45265	10313
rejected events	6940	6639	5742	6059	6594	7414
rejected %	86%	84%	52%	72%	14%	71%

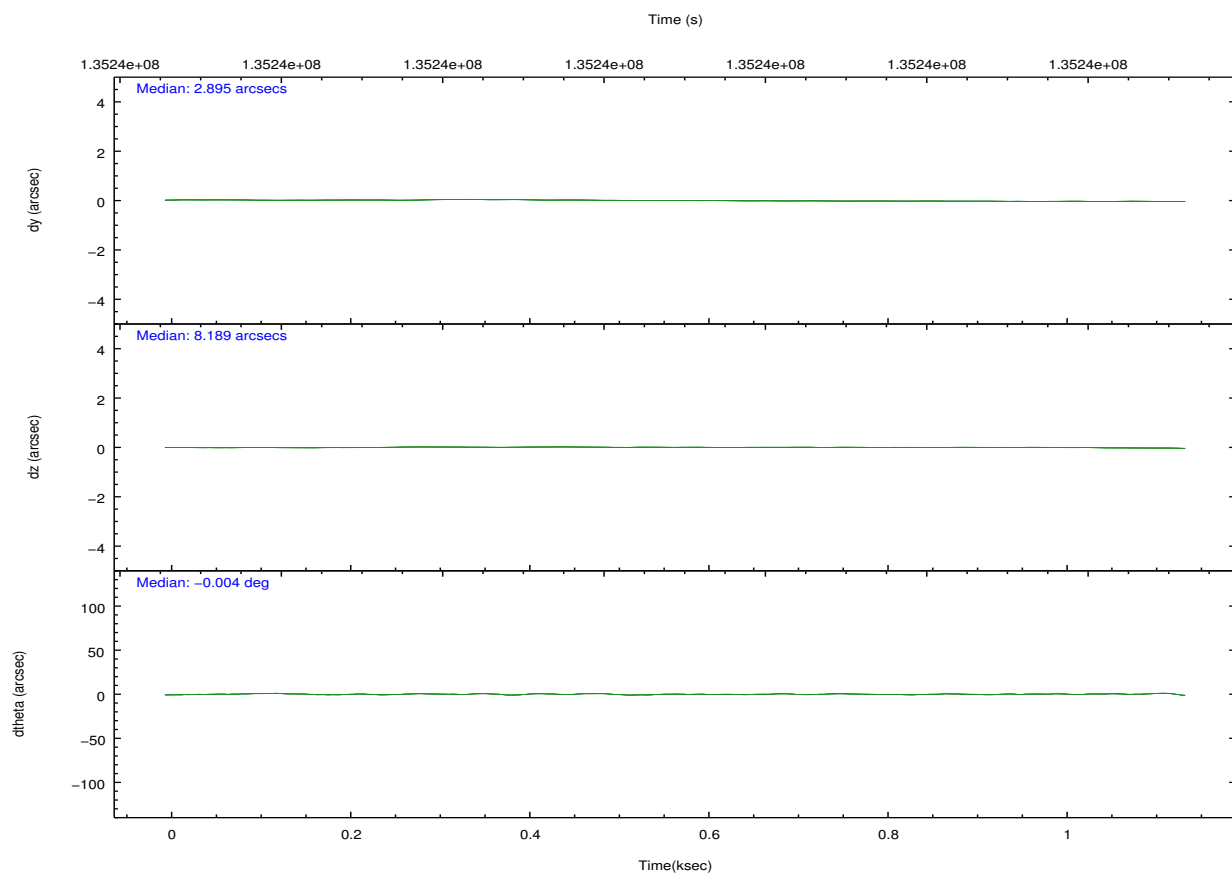
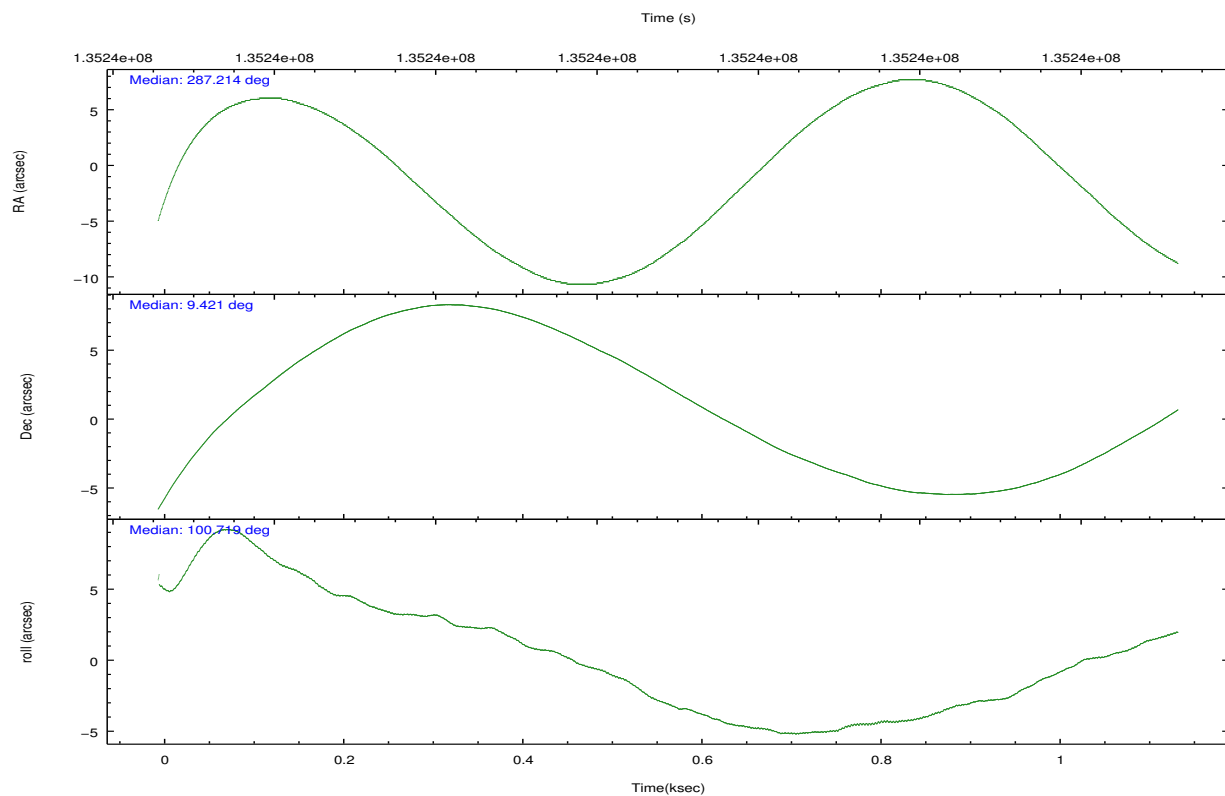
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	550	654	850	1477	8373	1493
	6%	8%	7%	17%	18%	14%
grade 1 events	4	7	27	7	90	12
	0%	0%	0%	0%	0%	0%
grade 2 events	189	196	1370	341	9967	447
	2%	2%	12%	4%	22%	4%
grade 3 events	95	77	229	123	4327	273
	1%	0%	2%	1%	9%	2%
grade 4 events	90	102	205	140	4372	280
	1%	1%	1%	1%	9%	2%
grade 5 events	242	295	806	292	1309	412
	3%	3%	7%	3%	2%	3%
grade 6 events	157	159	2516	202	11738	415
	1%	2%	23%	2%	25%	4%
grade 7 events	6690	6335	4898	5752	5089	6981
	83%	80%	44%	69%	11%	67%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	287.231930	287.2138622740017	Subarray requested	NONE	NONE
[deg] Pointing Dec	9.400662	9.421035146899582	Alternating exposures requested	N	N
[deg] Pointing Roll	100.568733	100.7282634906948	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	135236458.184000	135235408.86316			
Observation start date	2002-04-15T05:39:54	2002-04-15T05:23:28			
[s] Observation end time (MET)	135237452.184000	135237766.87576			
Observation end date	2002-04-15T05:56:28	2002-04-15T06:02:46			
Read mode	TIMED	TIMED			

2.3 Aspect



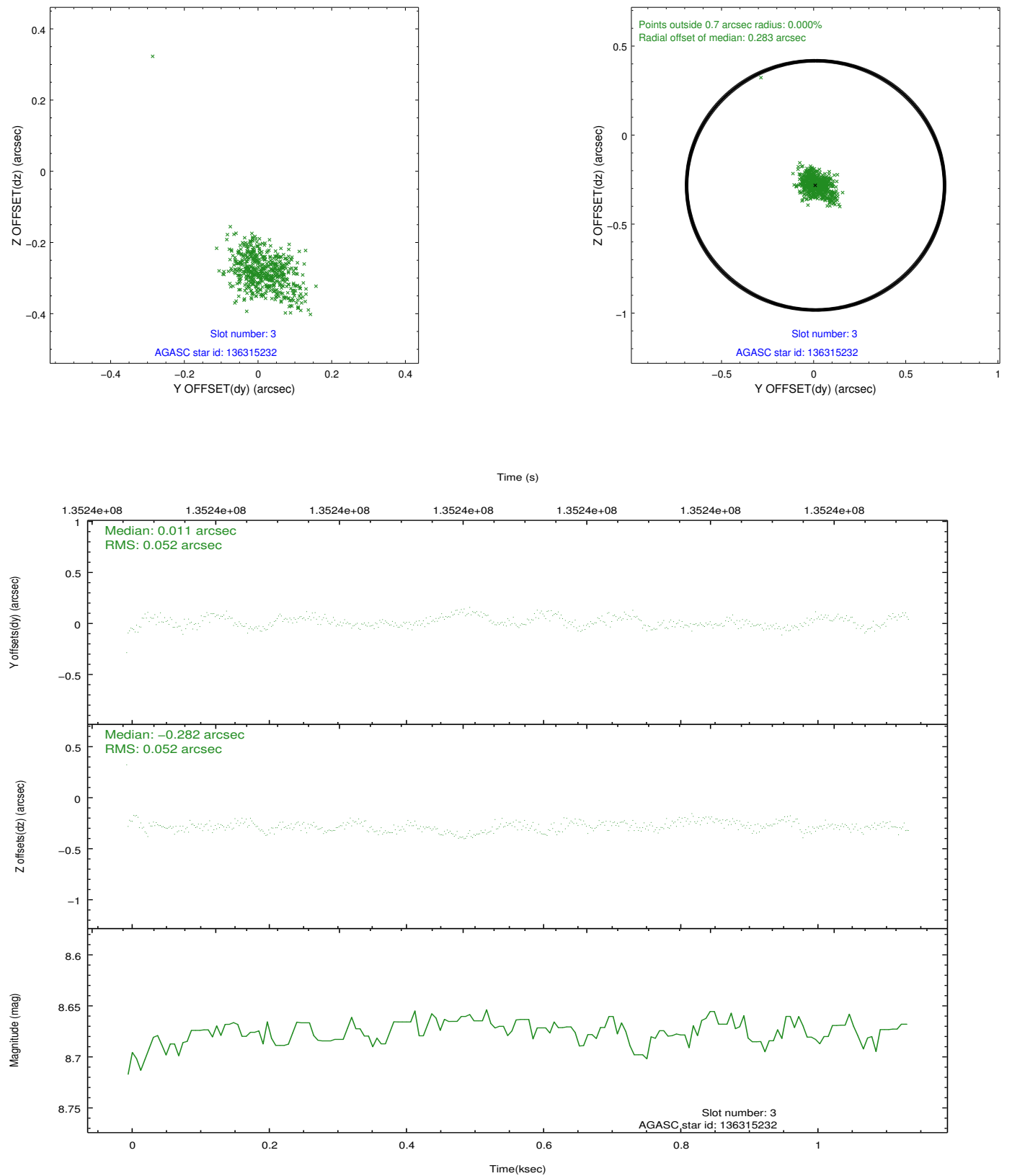


Slot Statistics

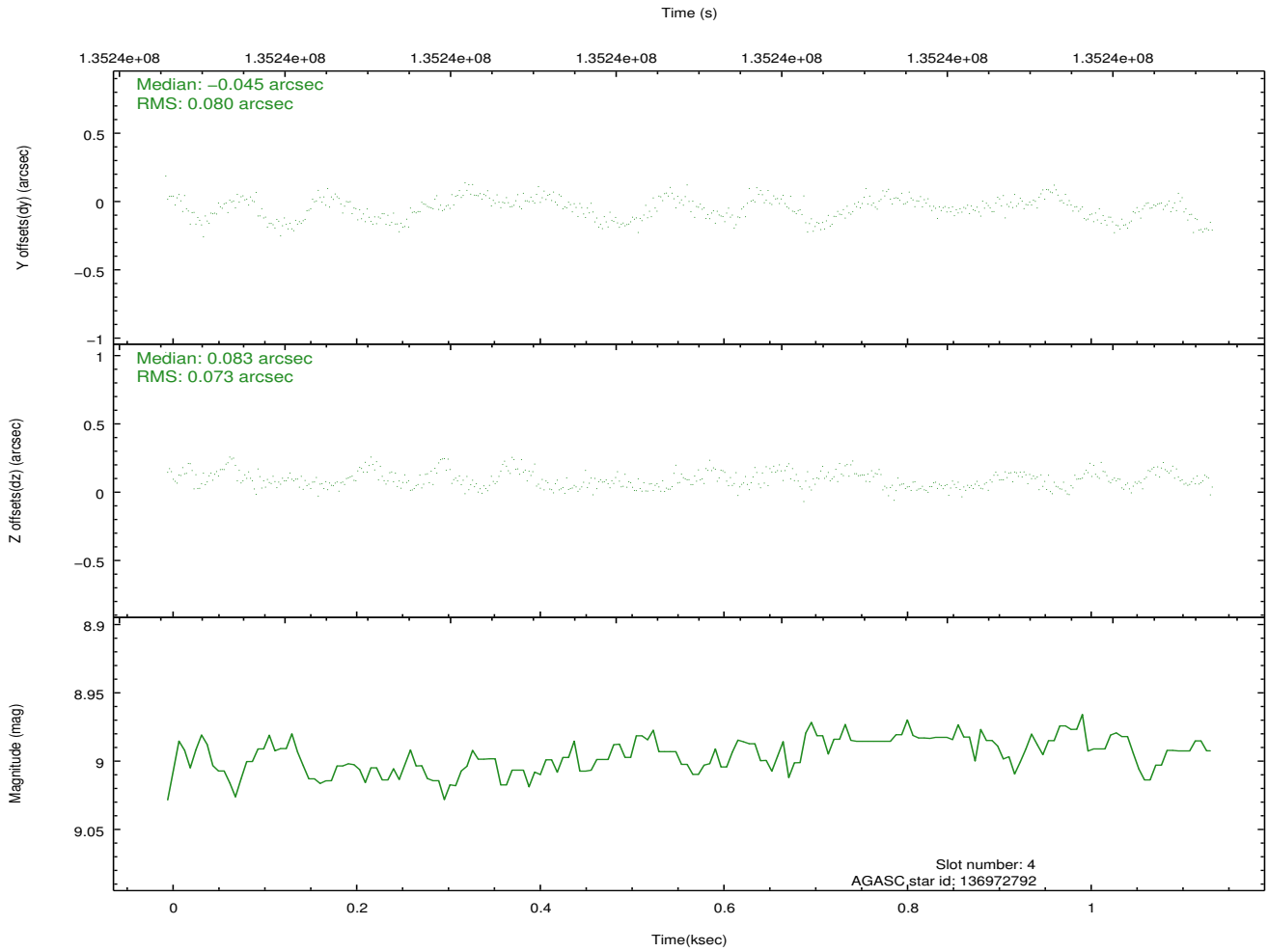
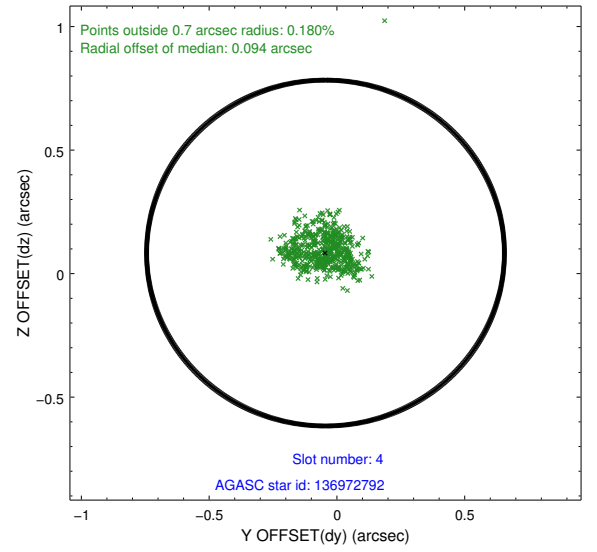
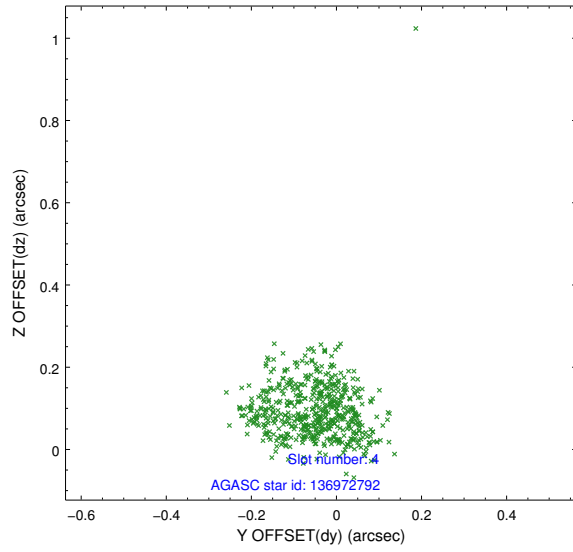
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	278	0.002	0.003	0.007	0.010	0.000000	0.000000	-755.54	-1729.33
1	FID	ACIS-S-4	7.20	278	-0.052	-0.002	0.005	0.010	0.000000	0.000000	2155.04	173.08
2	FID	ACIS-S-5	7.23	278	0.019	0.008	0.006	0.011	0.000000	0.000000	-1800.81	173.44
3	GUIDE	136315232	8.67	556	0.011	-0.282	0.072	0.123	286.672306	9.148044	-528.06	2122.13
4	GUIDE	136972792	8.99	557	-0.045	0.083	0.108	0.169	287.645557	10.161389	2423.61	-1938.49
5	GUIDE	136450552	9.24	557	0.077	0.157	0.102	0.156	287.756963	9.197020	-1056.91	-1702.79
6	GUIDE	136314944	9.16	557	0.099	-0.080	0.085	0.137	286.850073	8.989486	-1207.51	1603.51
7	GUIDE	136979696	9.39	556	-0.155	0.117	0.083	0.135	287.607746	9.703592	826.04	-1507.35

2.4 Star Slots

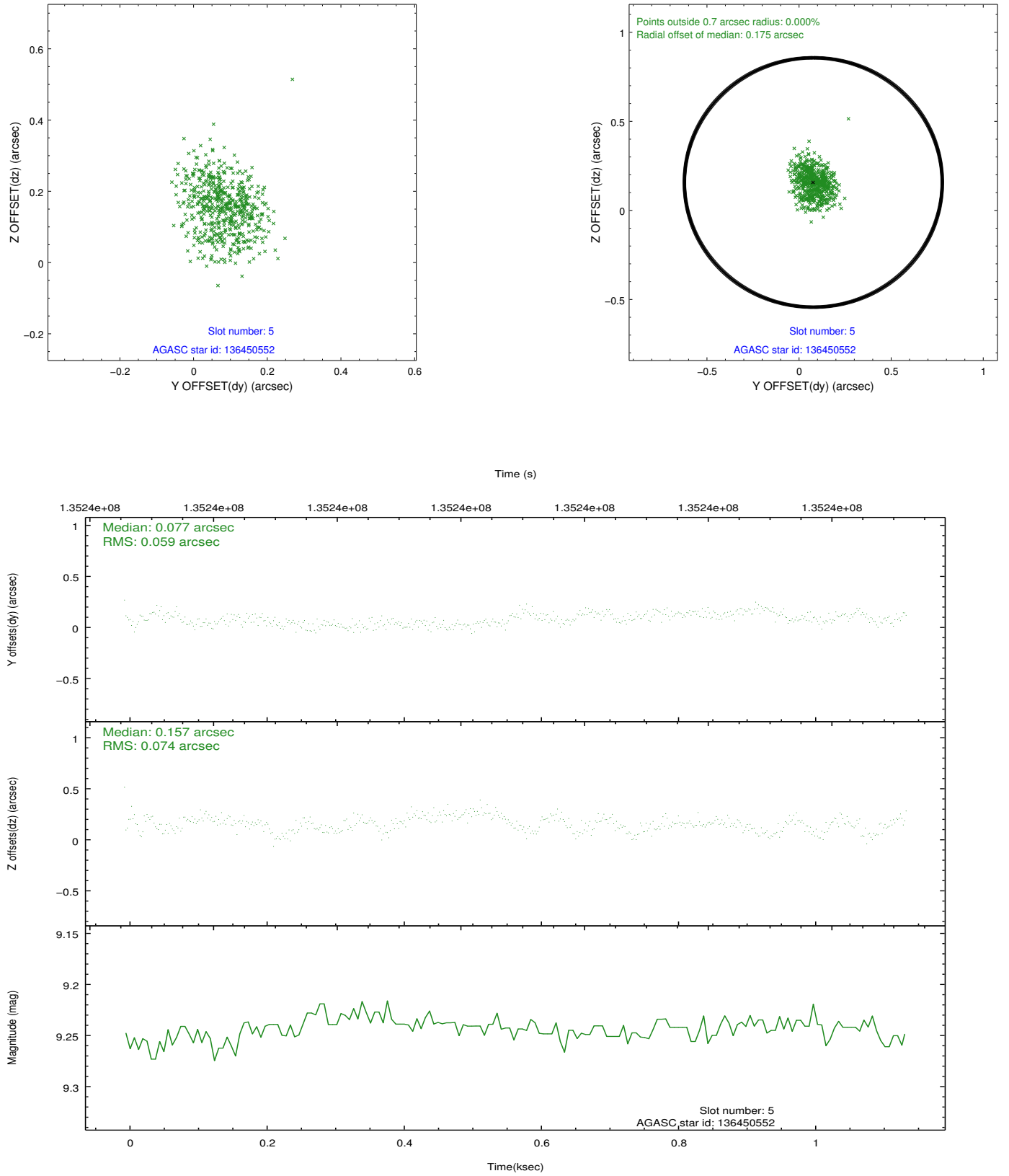
2.4.1 Slot 3



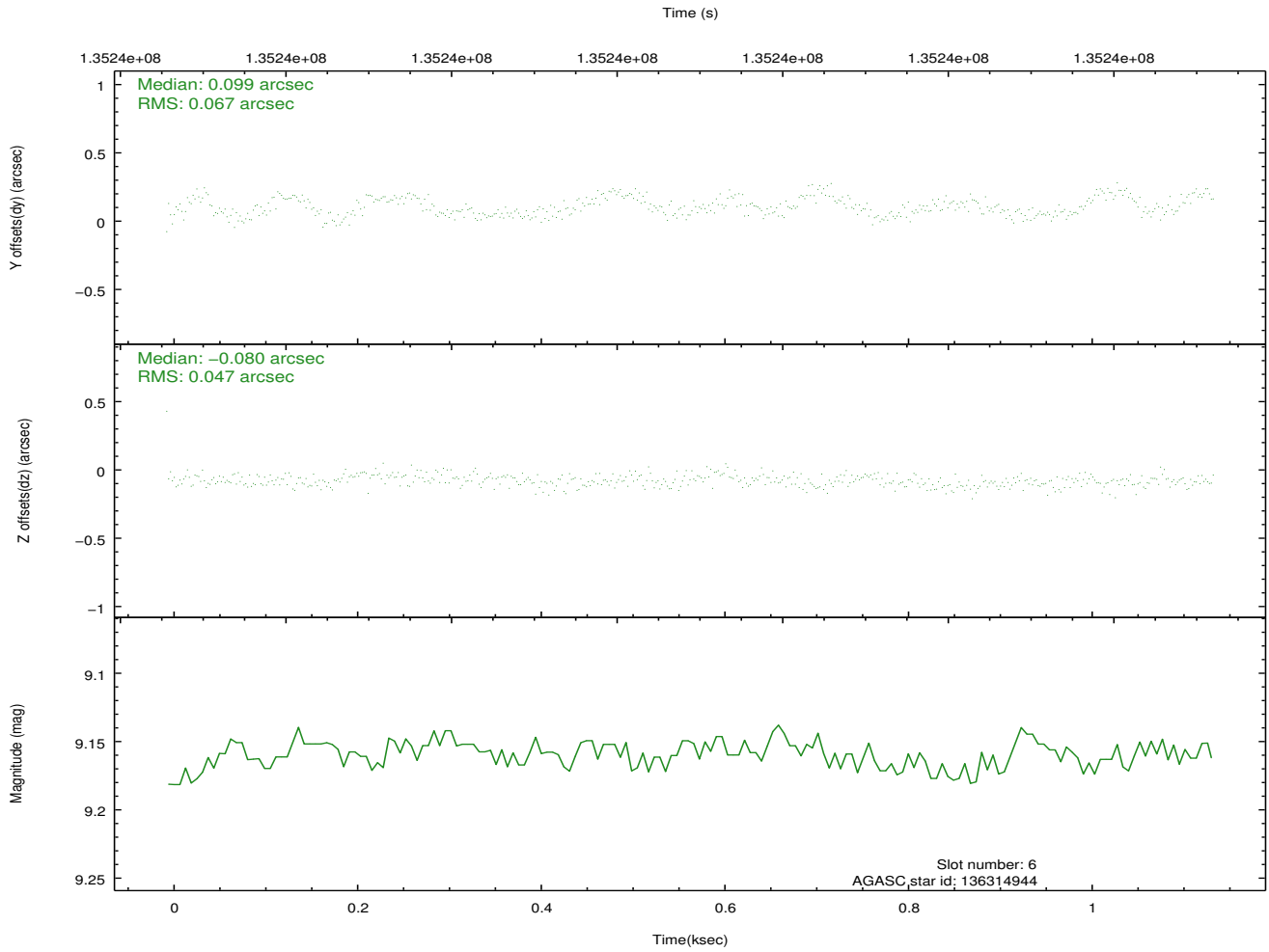
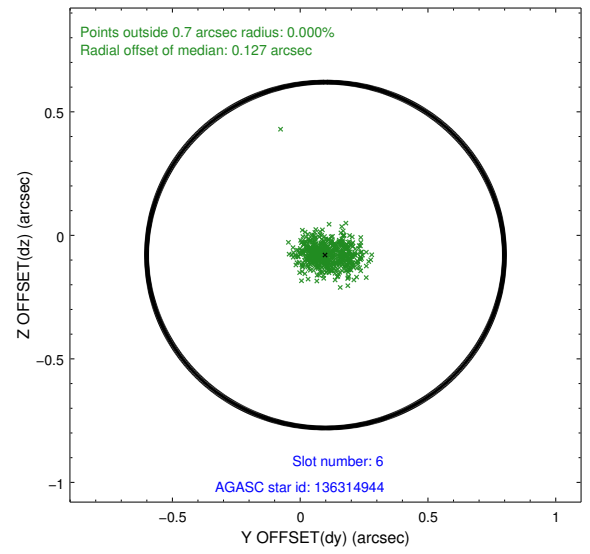
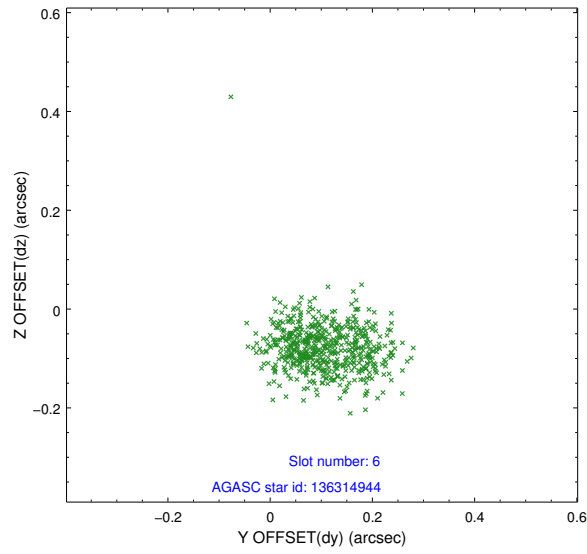
2.4.2 Slot 4



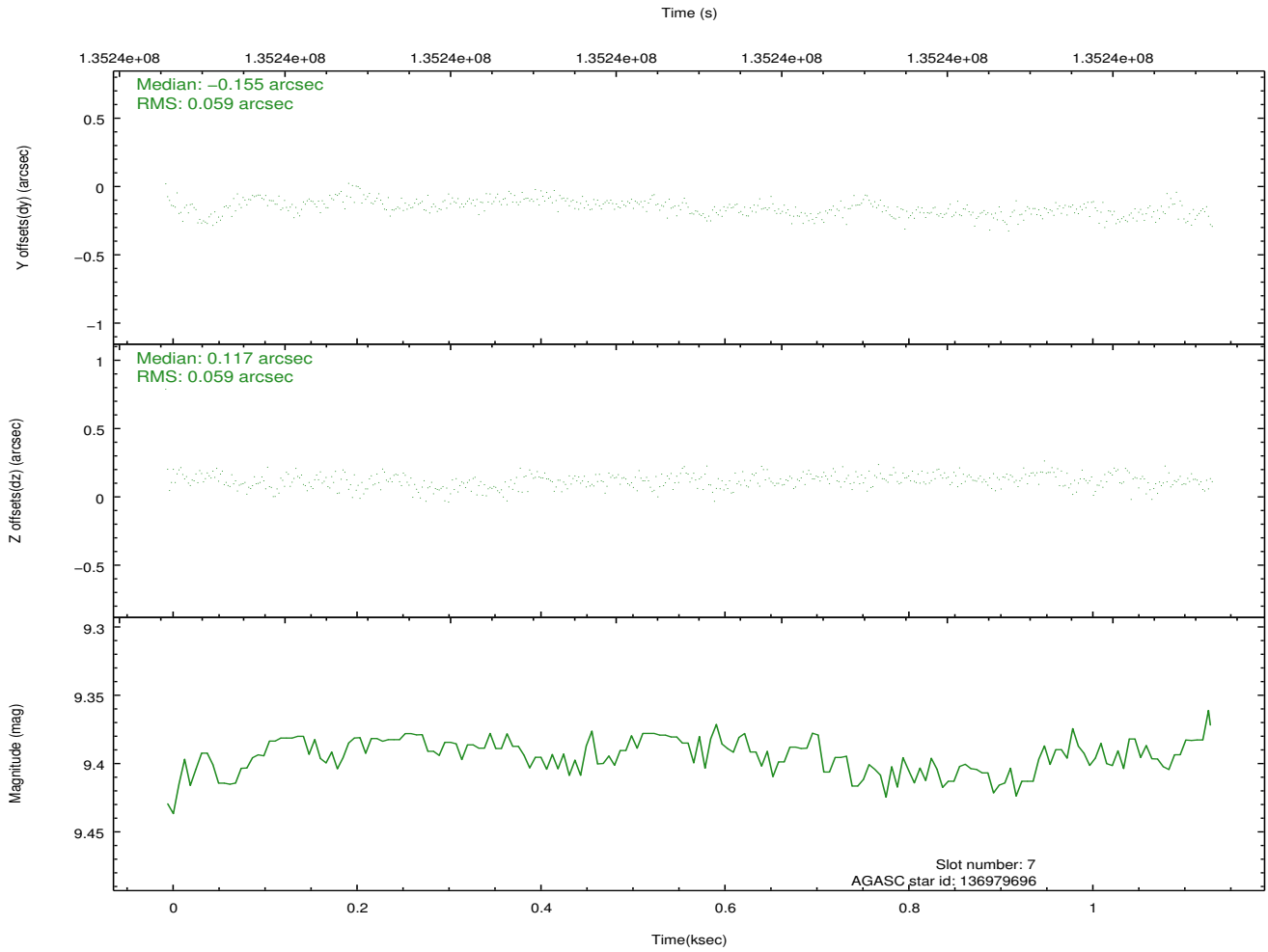
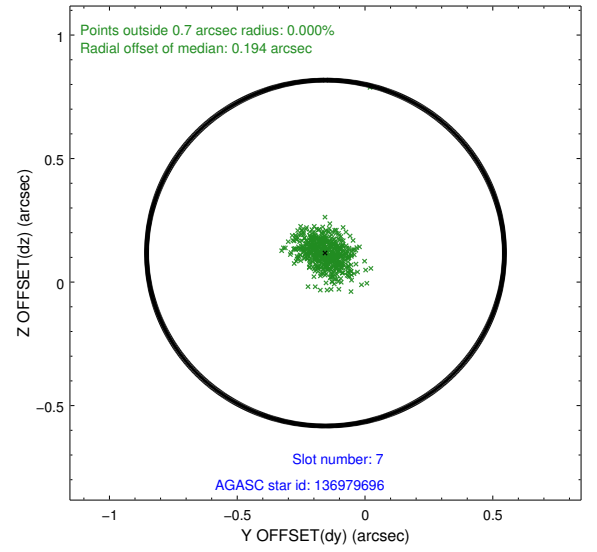
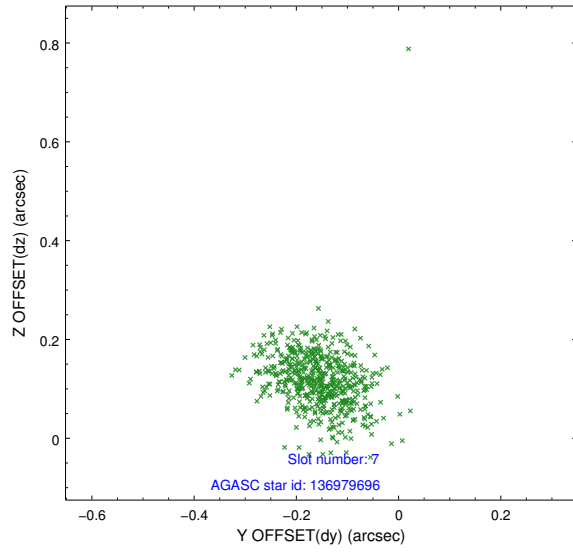
2.4.3 Slot 5



2.4.4 Slot 6

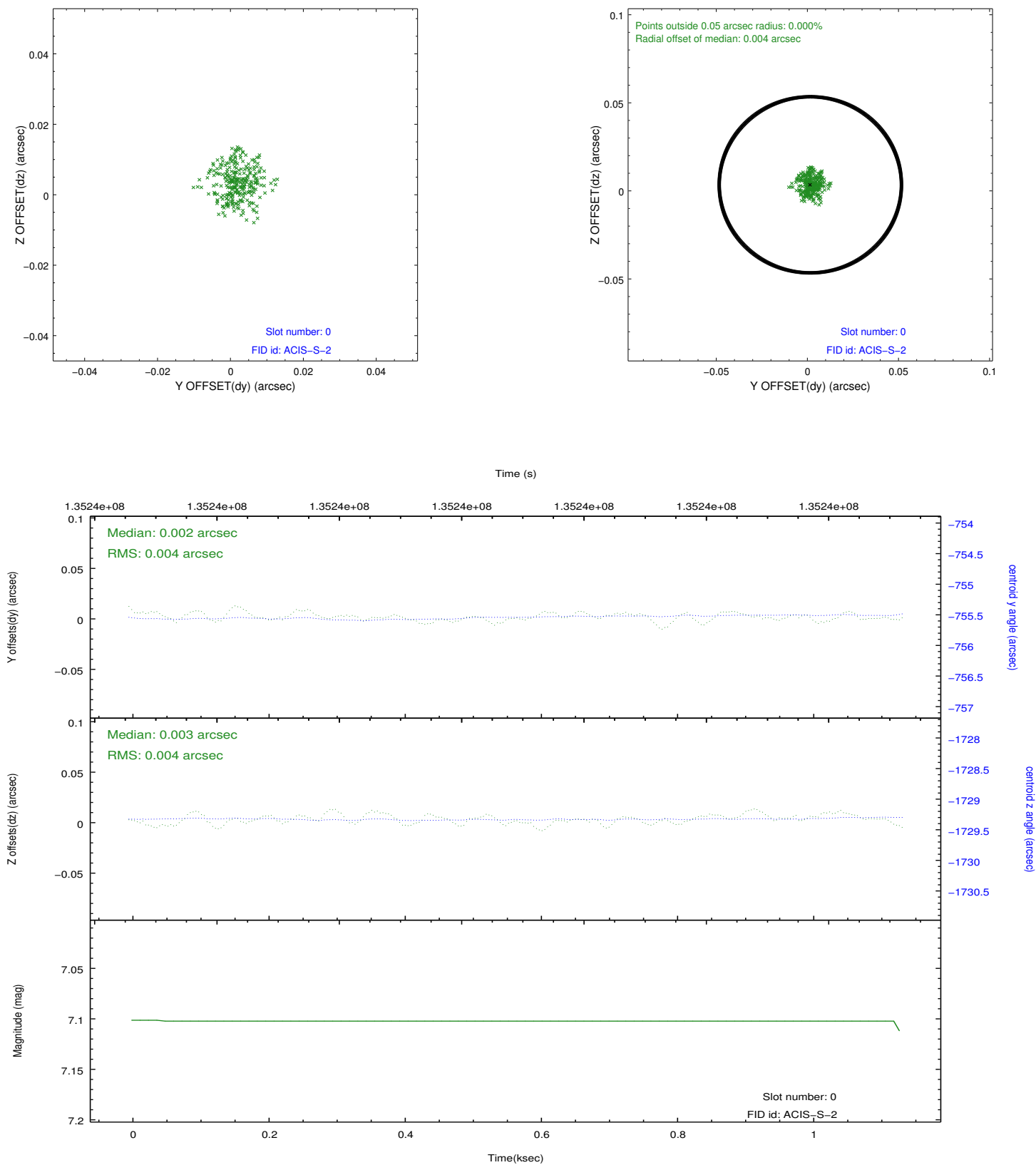


2.4.5 Slot 7

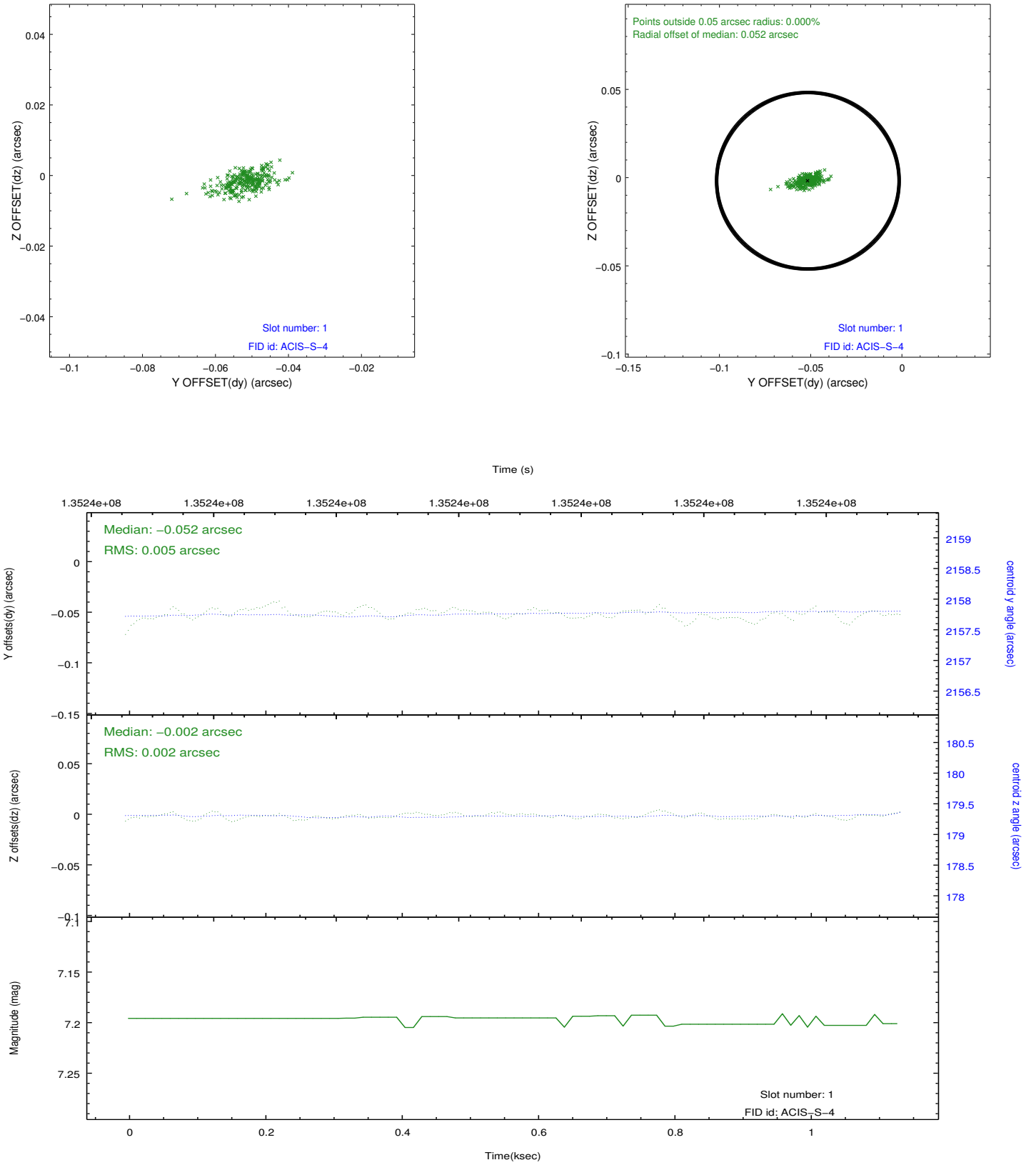


2.5 FID Slots

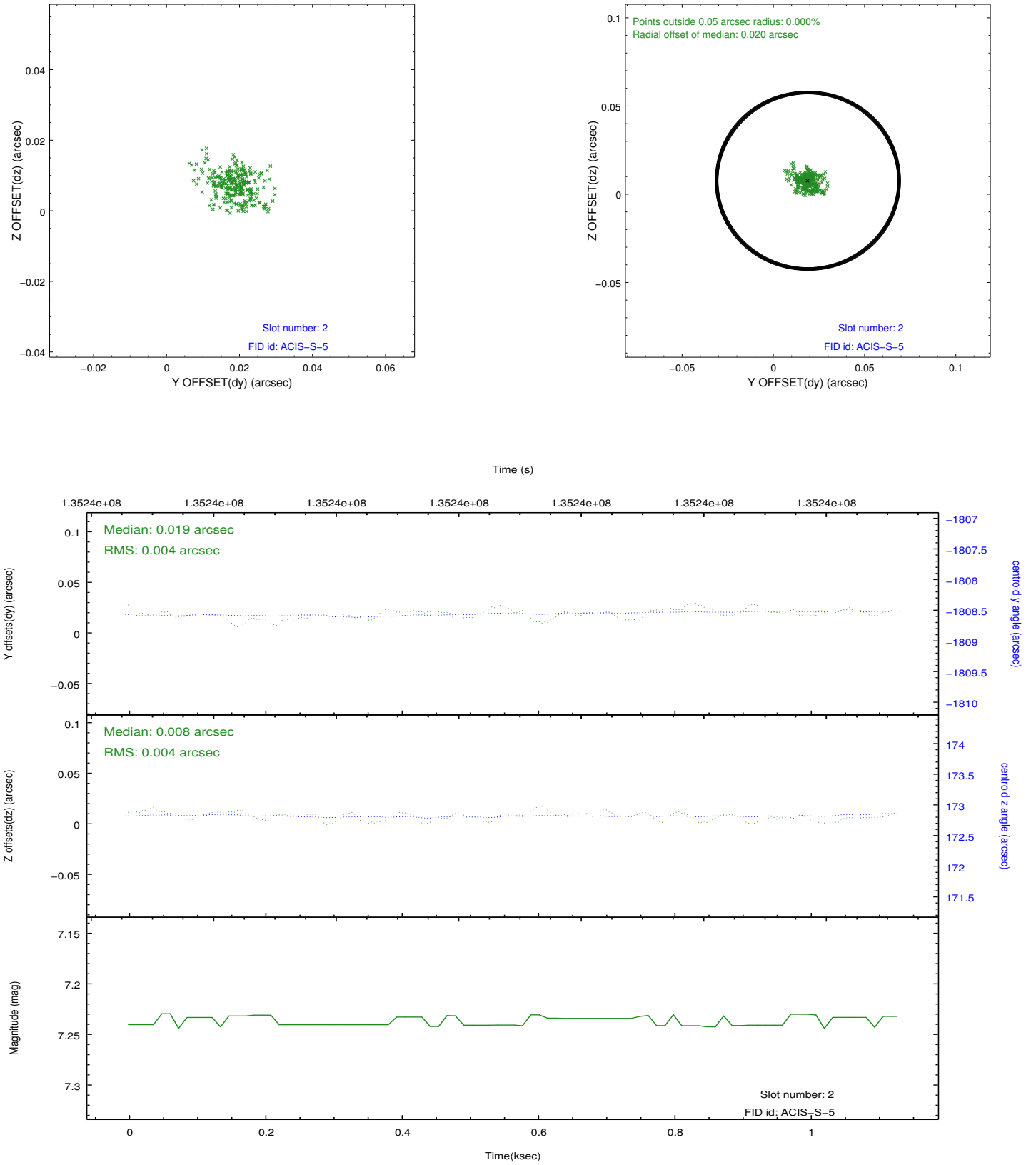
2.5.1 Slot 0



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)	2012.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.133

A.2 Comments

Charge time for this observation remains at previous value of 1.133 ksec.