

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13367 - L2 Version 2
Chandra X-Ray Center

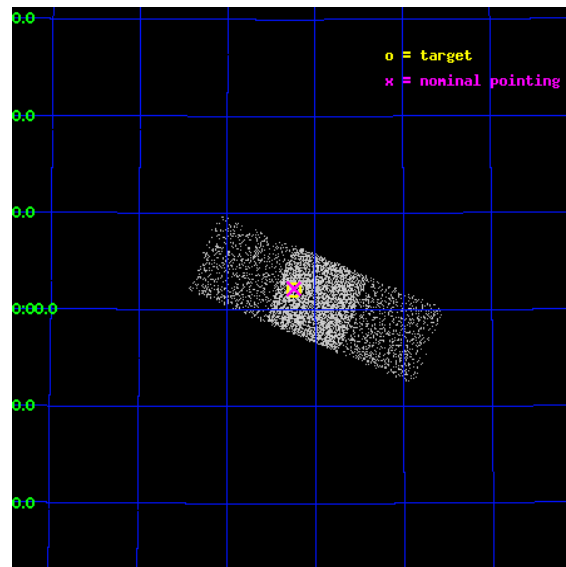
L2 Processing Date : Feb 26 2012

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1 Front

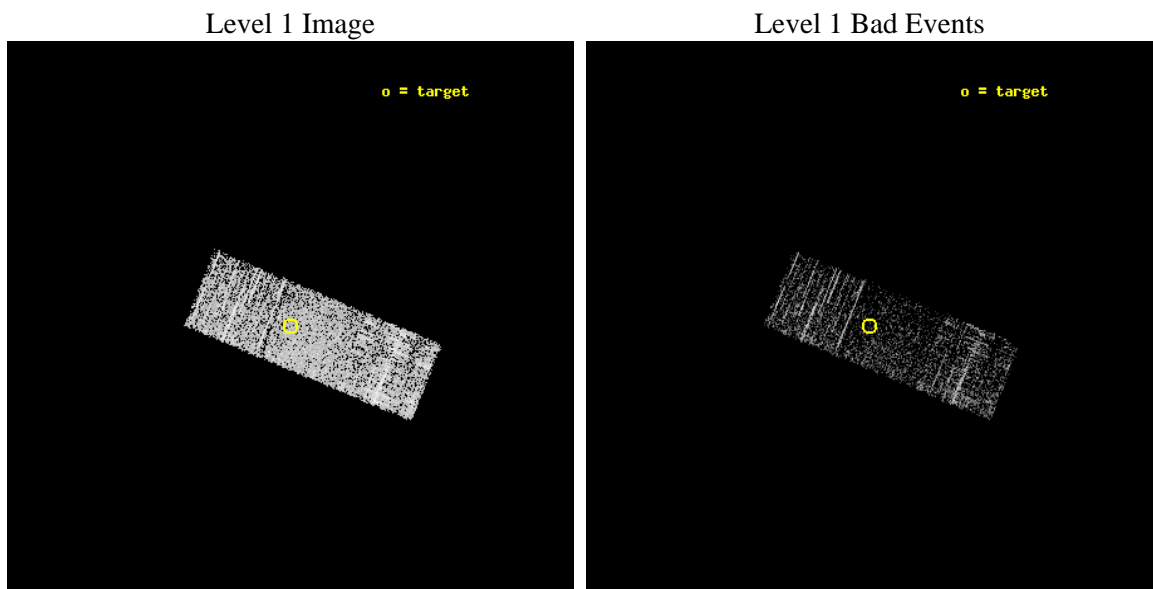
seq_num	702574	Sequence number
obs_id	13367	Observation id
title	A Large, Economical Snapshot Survey of the Most-Luminous Quasars from the Sloan Digital Sky Survey	Proposal title
observer	Prof. Gordon Garmire	Principal investigator
object	SDSS J1319+5202	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	199.809167	Observer's specified target RA [deg]
dec_targ	52.033361	Observer's specified target Dec [deg]
ra_nom	199.81055062714	Nominal RA [deg]
dec_nom	52.036418425795	Nominal Dec [deg]
roll_nom	22.438445931717	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1562.4000120163	Sum of GTIs [s]
livetime	1541.9861056371	Livetime [s]
ontime6	1562.4000120163	Sum of GTIs [s]
ontime7	1562.4000120163	Sum of GTIs [s]
ontime8	1562.4000120163	Sum of GTIs [s]
l2events	6492	Number of level 2 events



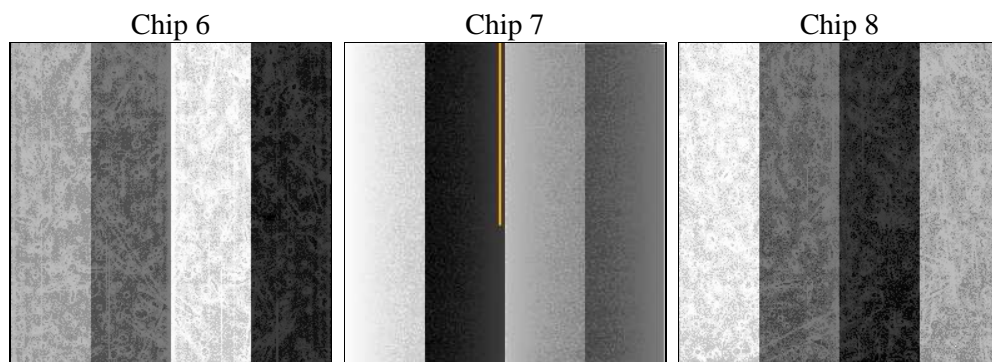
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1562.4000120163	Sum of GTIs [s]
caldsver	4.4.8	 	ontime6	1562.4000120163	Sum of GTIs [s]
date	2012-02-26T04:39:53	Date and time of file creation	ontime7	1562.4000120163	Sum of GTIs [s]
revision	2	Processing version of data	ontime8	1562.4000120163	Sum of GTIs [s]
			l1events	31879	Number of level 1 events

2.1.4 Events

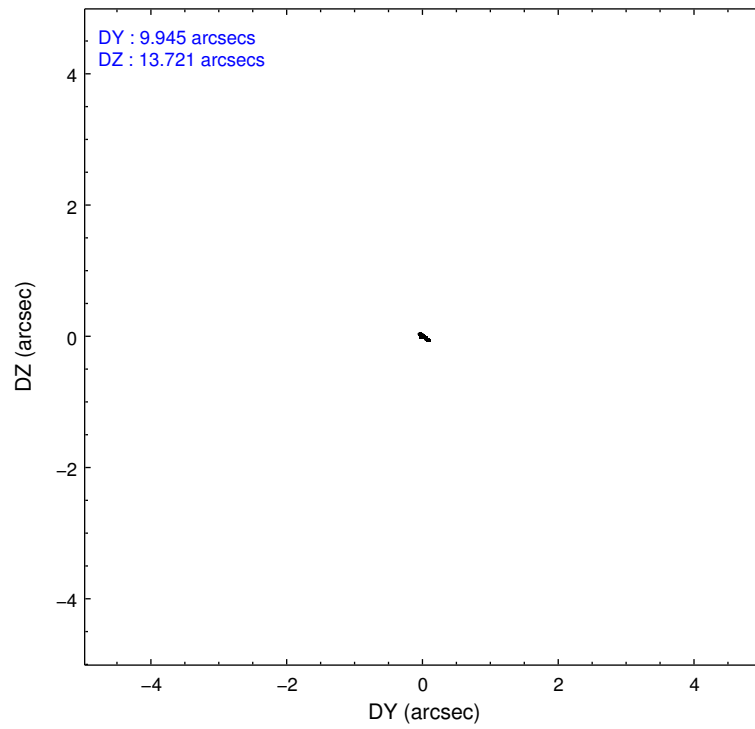
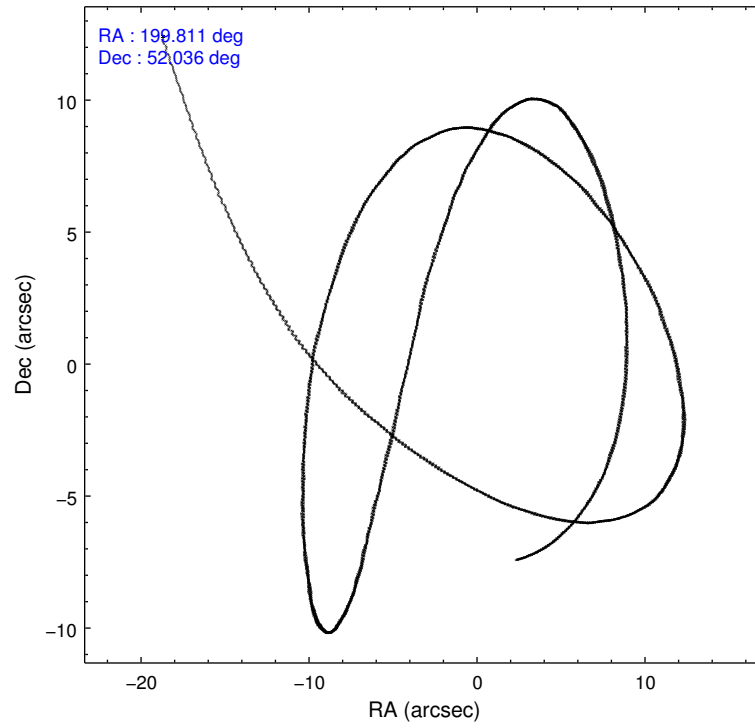
	ccd 6	ccd 7	ccd 8
level 1 events	9874	9822	12183
rejected events	8869	5046	8709
rejected %	89%	51%	71%

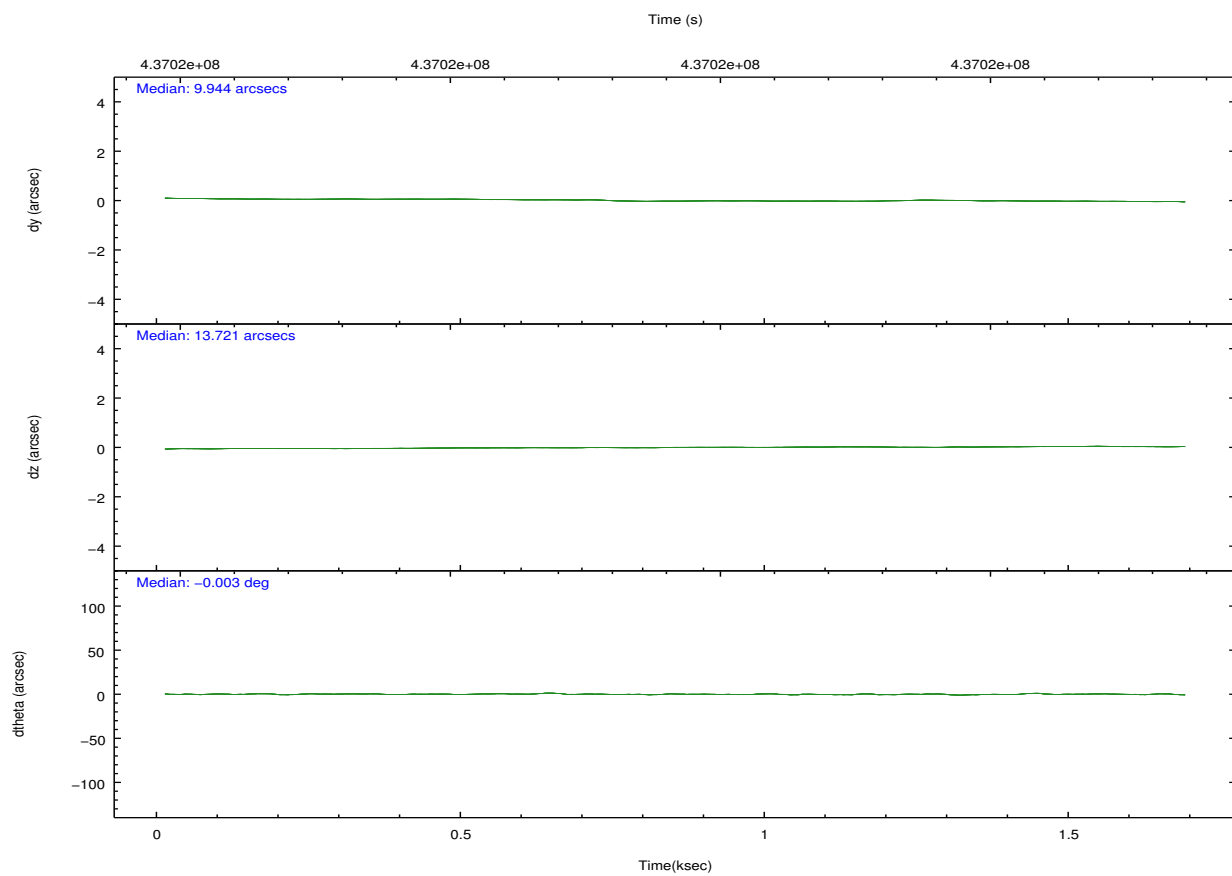
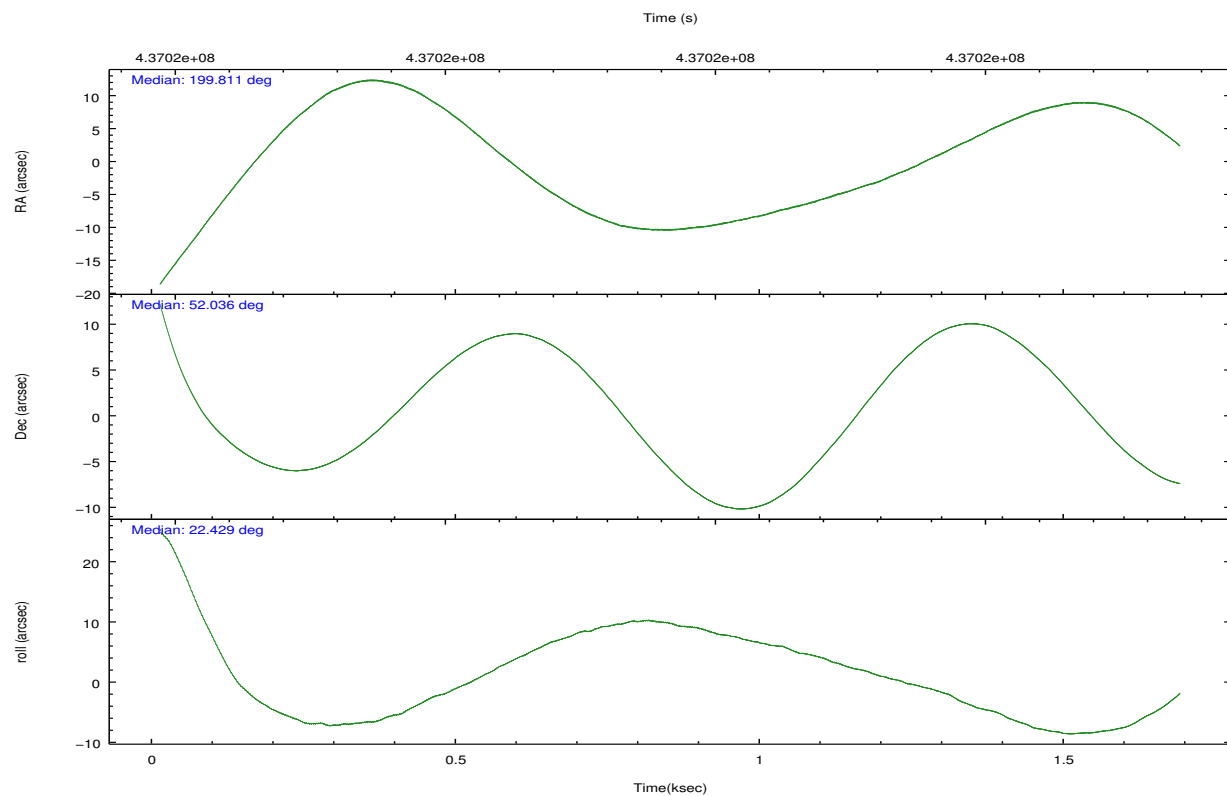
	ccd 6	ccd 7	ccd 8
grade 0 events	349	520	930
	3%	5%	7%
grade 1 events	4	13	7
	0%	0%	0%
grade 2 events	243	999	880
	2%	10%	7%
grade 3 events	125	425	337
	1%	4%	2%
grade 4 events	101	406	319
	1%	4%	2%
grade 5 events	379	1068	555
	3%	10%	4%
grade 6 events	191	2433	1010
	1%	24%	8%
grade 7 events	8482	3958	8145
	85%	40%	66%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-678	ACIS-678	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	199.783426	199.8105506271442	Subarray requested	NONE	NONE
[deg] Pointing Dec	52.014438	52.03641842579496	Alternating exposures requested	N	N
[deg] Pointing Roll	22.303150	22.43844593171708	[s] Primary exposure time	0.000000	3.1
[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)	437017760.184000	437016944.72051			
Observation start date	2011-11-07T01:48:14	2011-11-07T01:35:44			
[s] Observation end time (MET)	437019260.184000	437020152.45818			
Observation end date	2011-11-07T02:13:14	2011-11-07T02:29:12			
Read mode	TIMED	TIMED			

2.3 Aspect



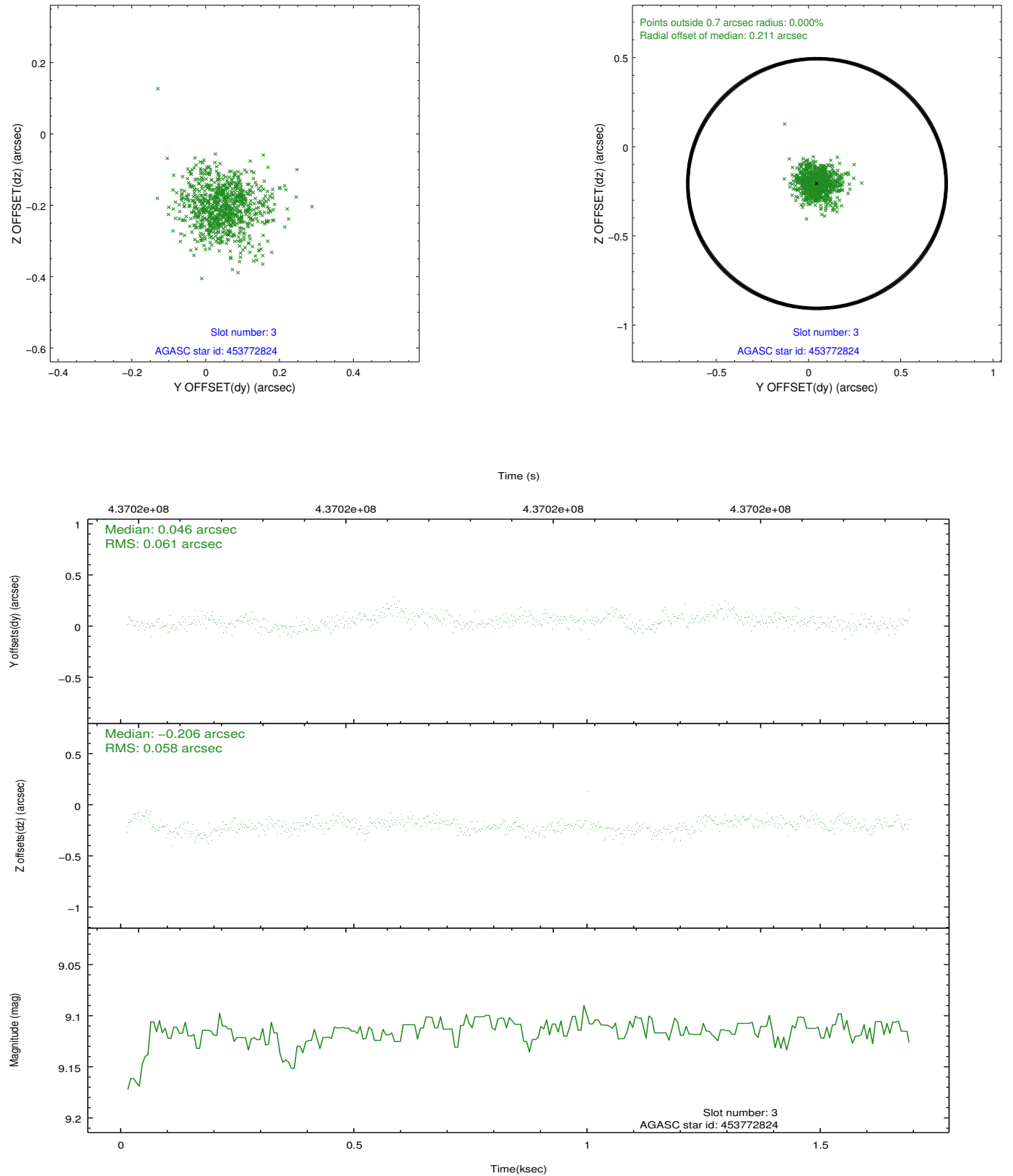


Slot Statistics

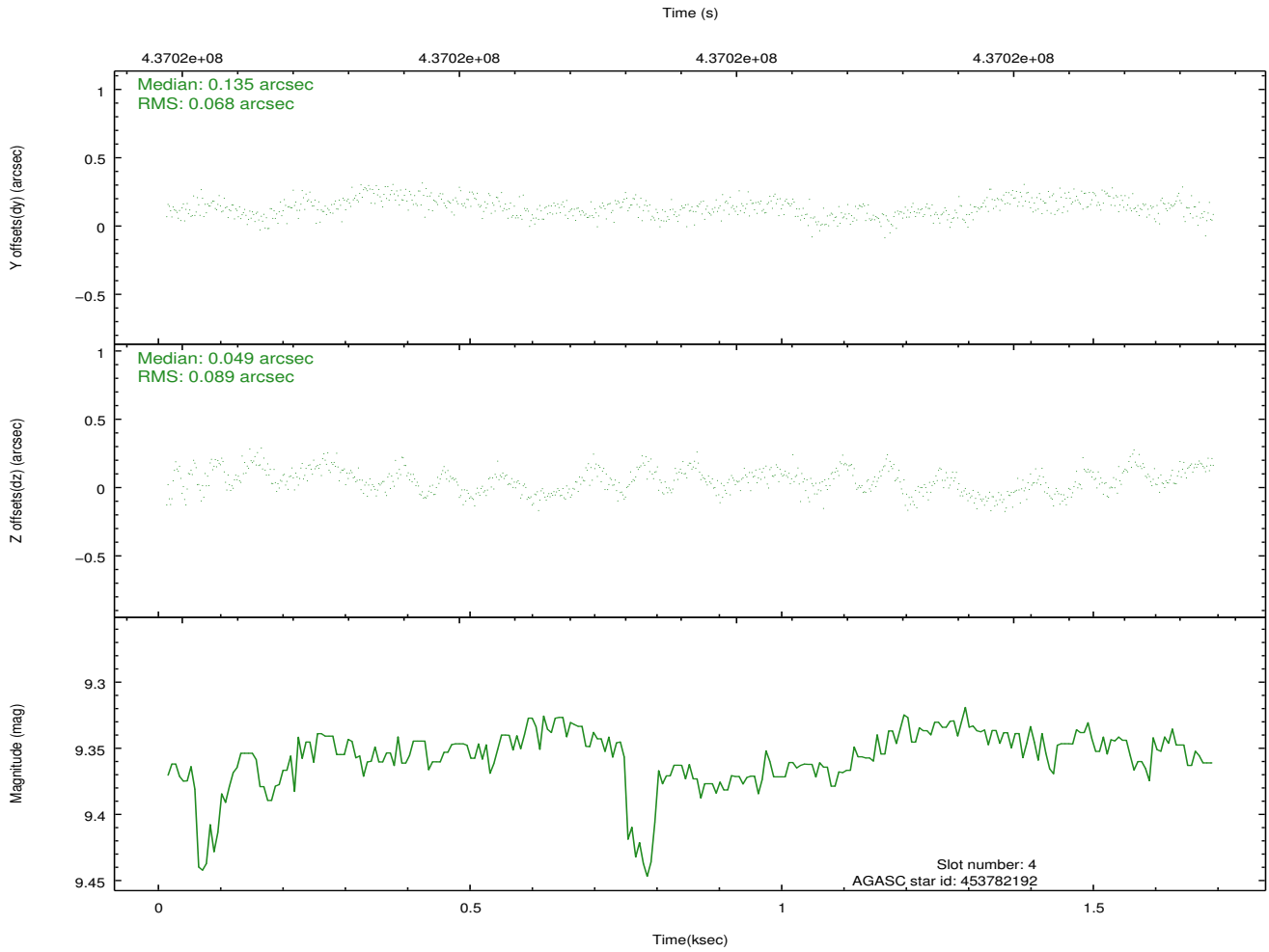
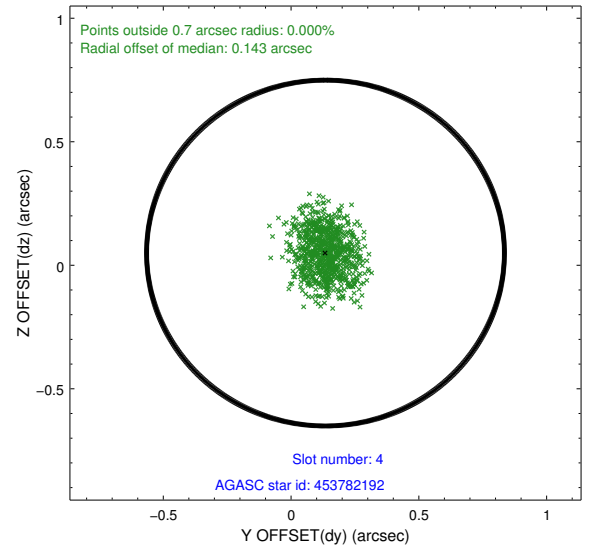
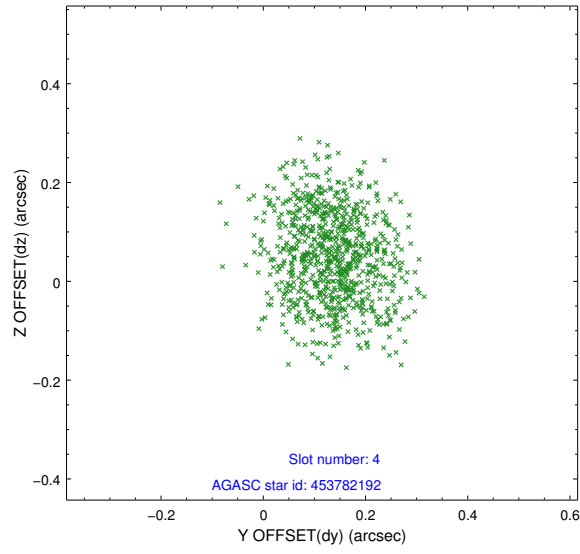
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	410	-0.053	-0.063	0.008	0.013	0.000000	0.000000	-762.88	-1735.05
1	FID	ACIS-S-4	7.00	410	0.223	0.043	0.006	0.016	0.000000	0.000000	2148.92	169.40
2	FID	ACIS-S-5	7.03	410	-0.202	0.029	0.007	0.015	0.000000	0.000000	-1810.79	167.61
3	GUIDE	453772824	9.11	818	0.046	-0.206	0.088	0.146	198.830021	52.277852	-1578.46	1685.49
4	GUIDE	453782192	9.35	820	0.135	0.049	0.122	0.192	199.534740	51.497959	-1224.32	-1504.61
5	GUIDE	453782416	9.41	820	0.170	0.150	0.122	0.188	199.391215	51.406077	-1647.13	-1691.33
6	GUIDE	453792320	6.84	820	-0.267	0.202	0.055	0.101	200.738771	51.653139	1483.01	-2001.41
7	GUIDE	504636528	8.61	819	-0.092	-0.194	0.093	0.141	200.229429	52.711632	1854.38	1953.68

2.4 Star Slots

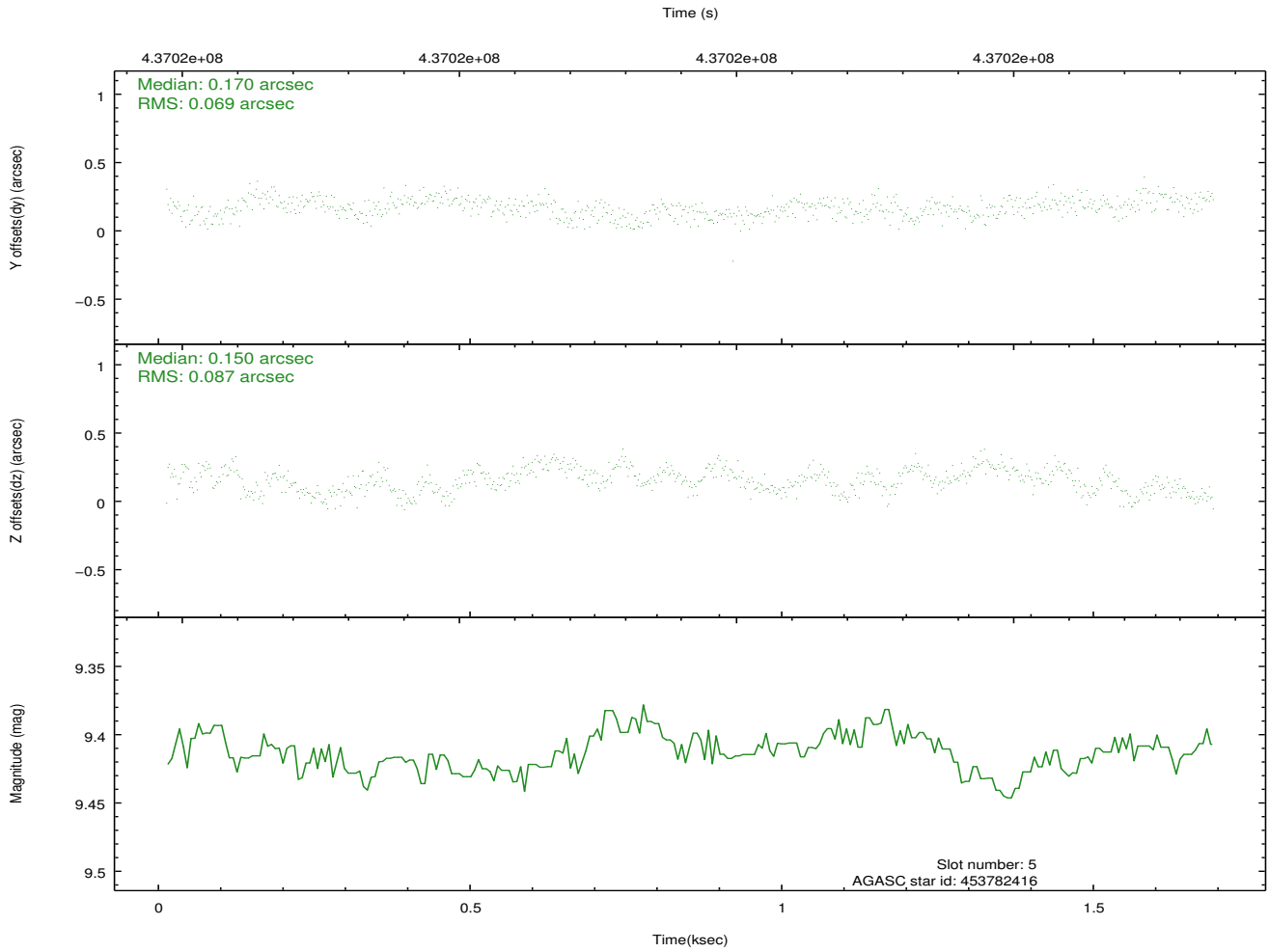
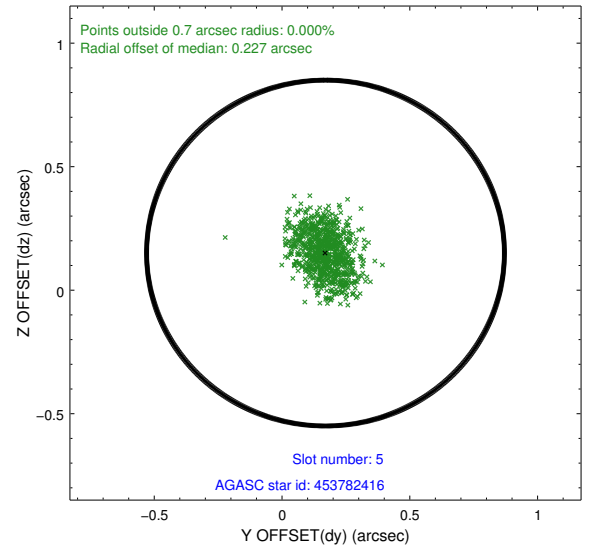
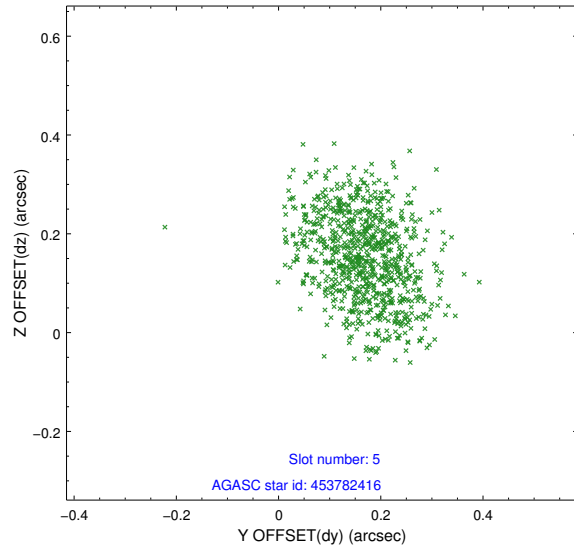
2.4.1 Slot 3



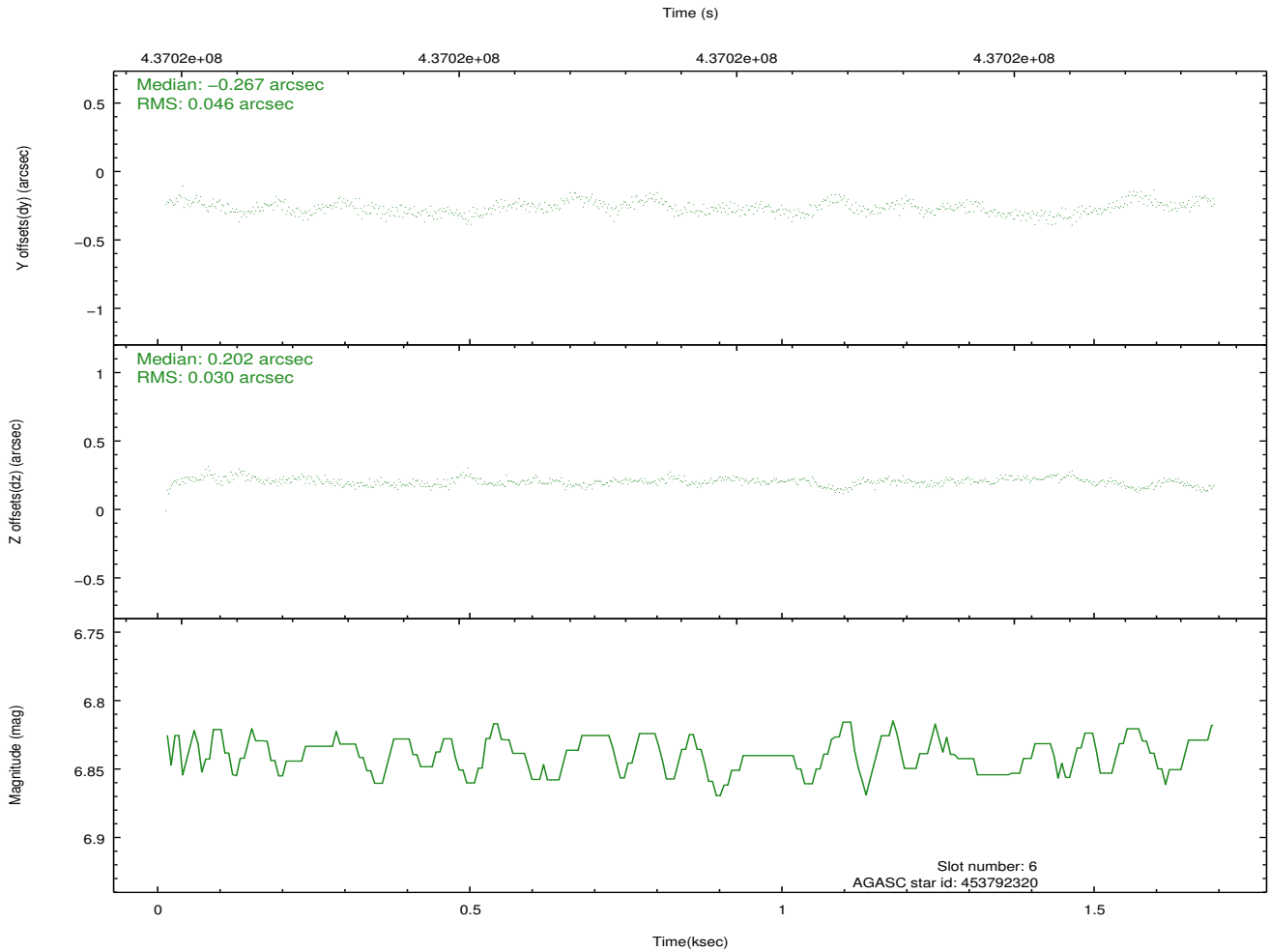
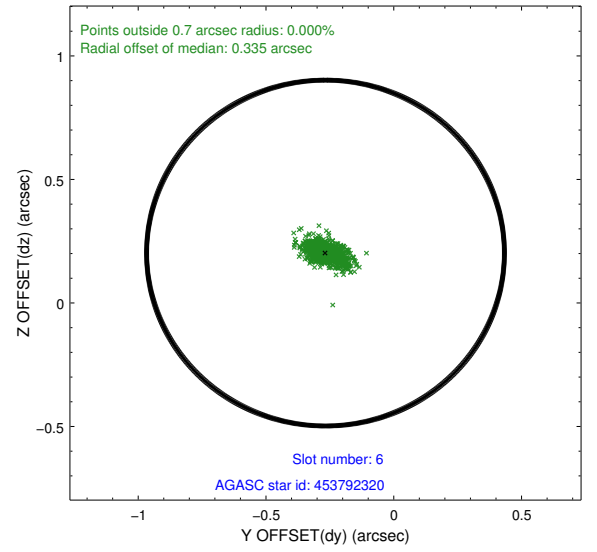
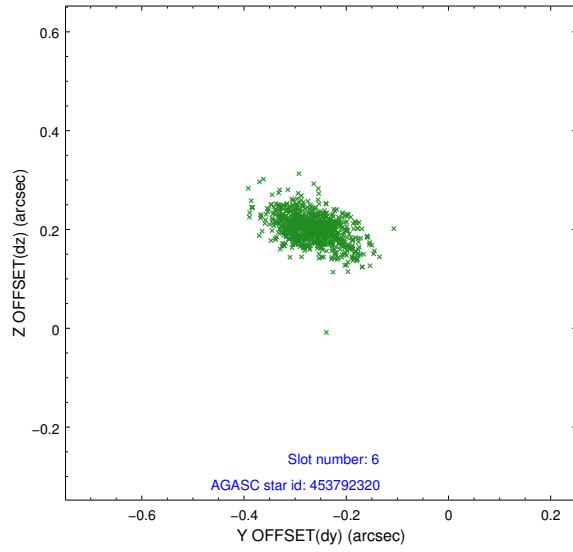
2.4.2 Slot 4



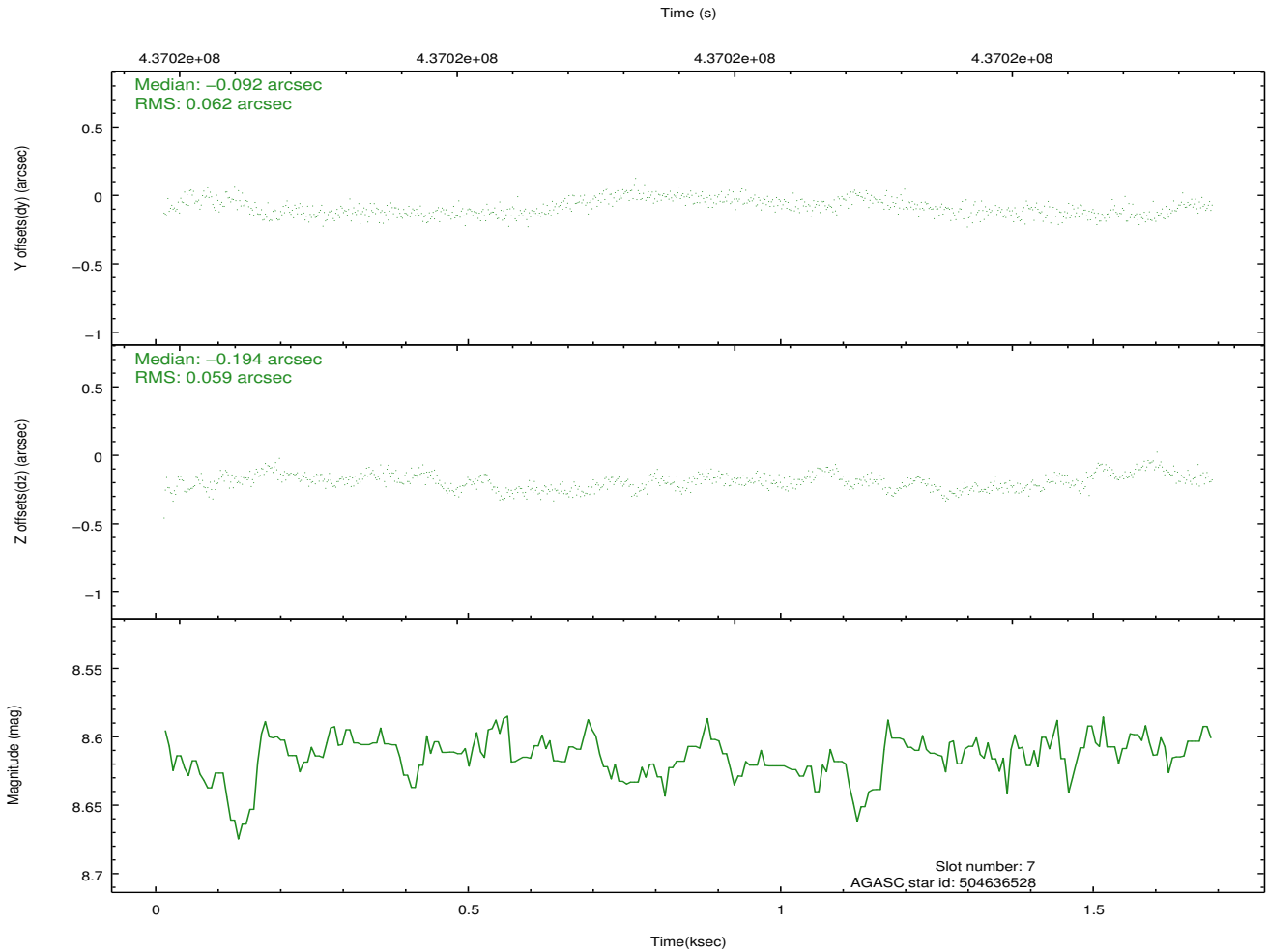
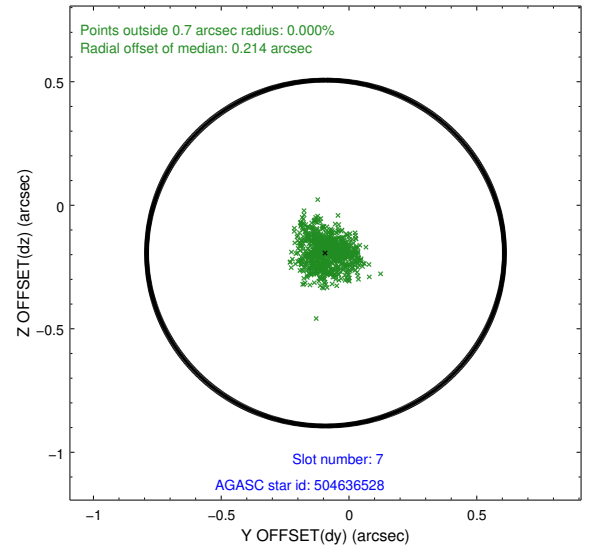
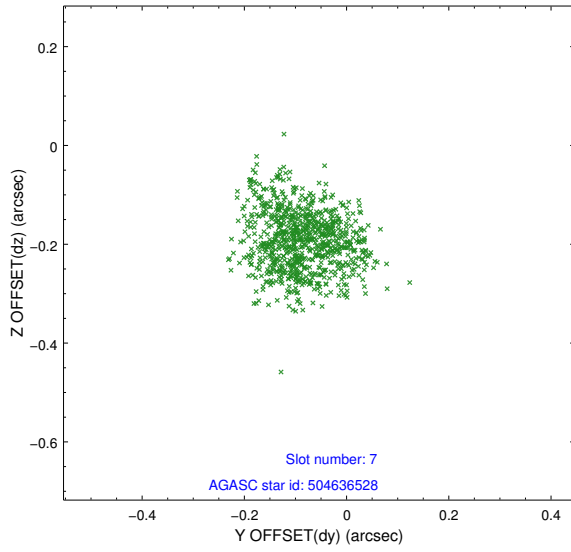
2.4.3 Slot 5



2.4.4 Slot 6

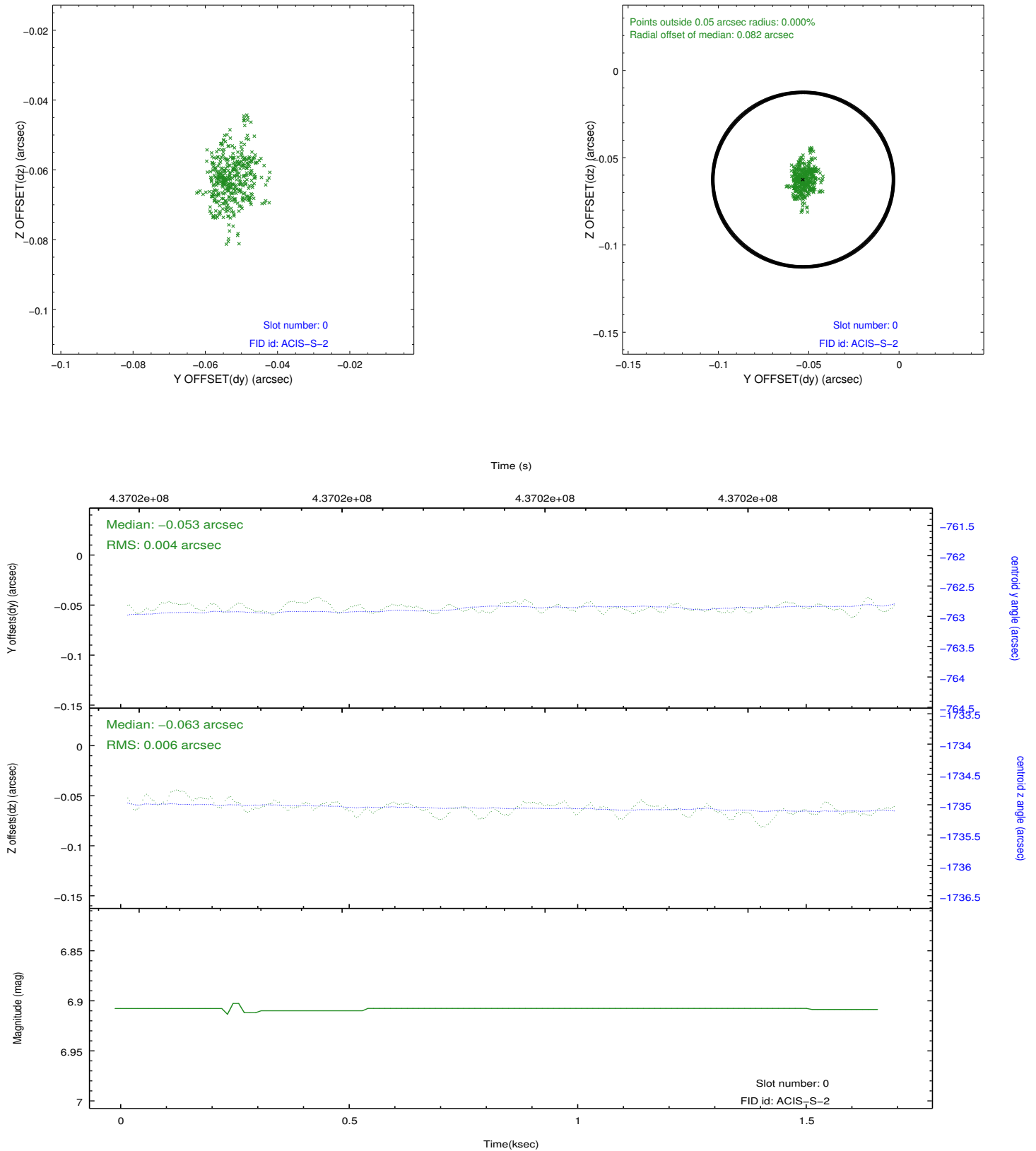


2.4.5 Slot 7

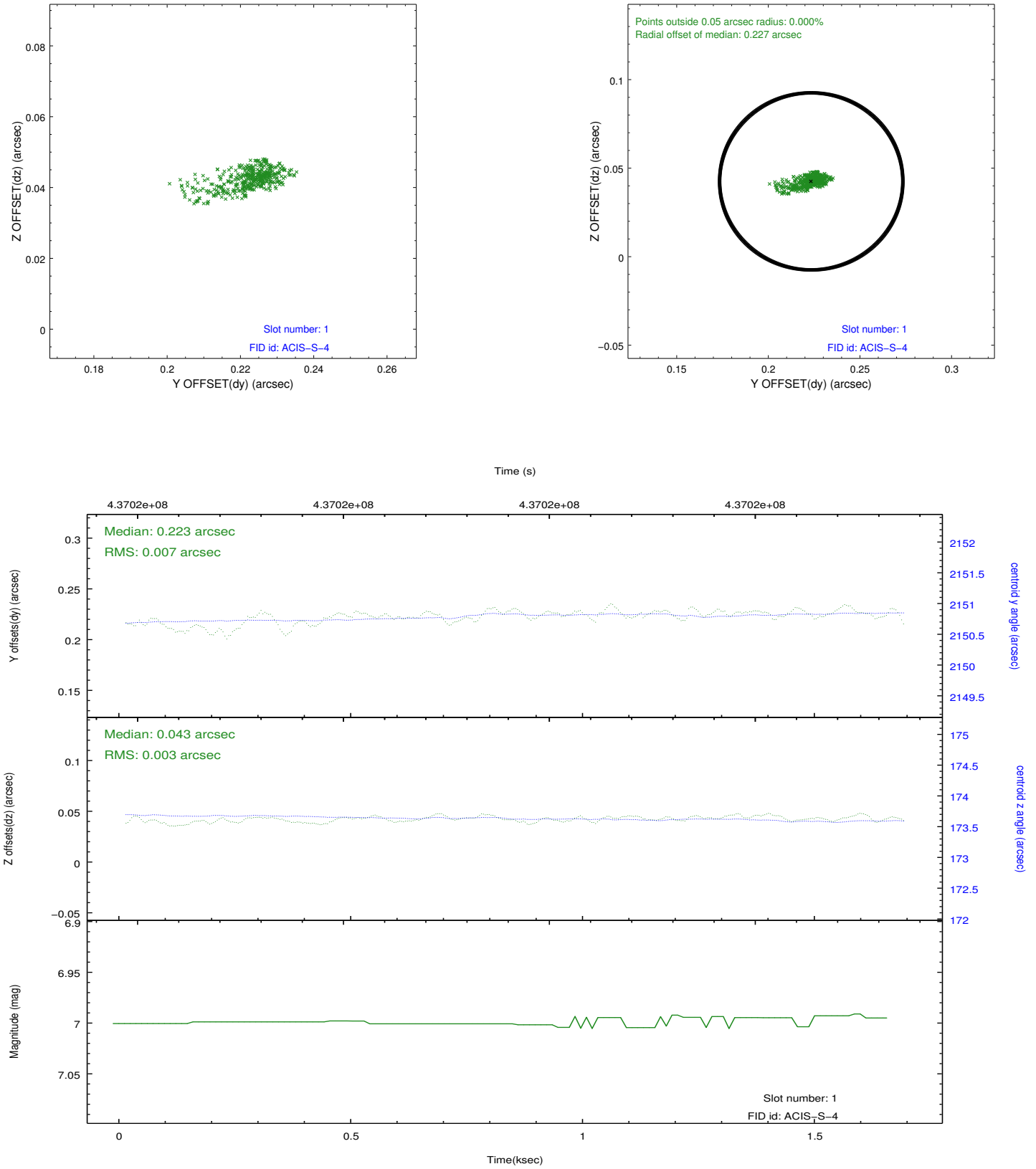


2.5 FID Slots

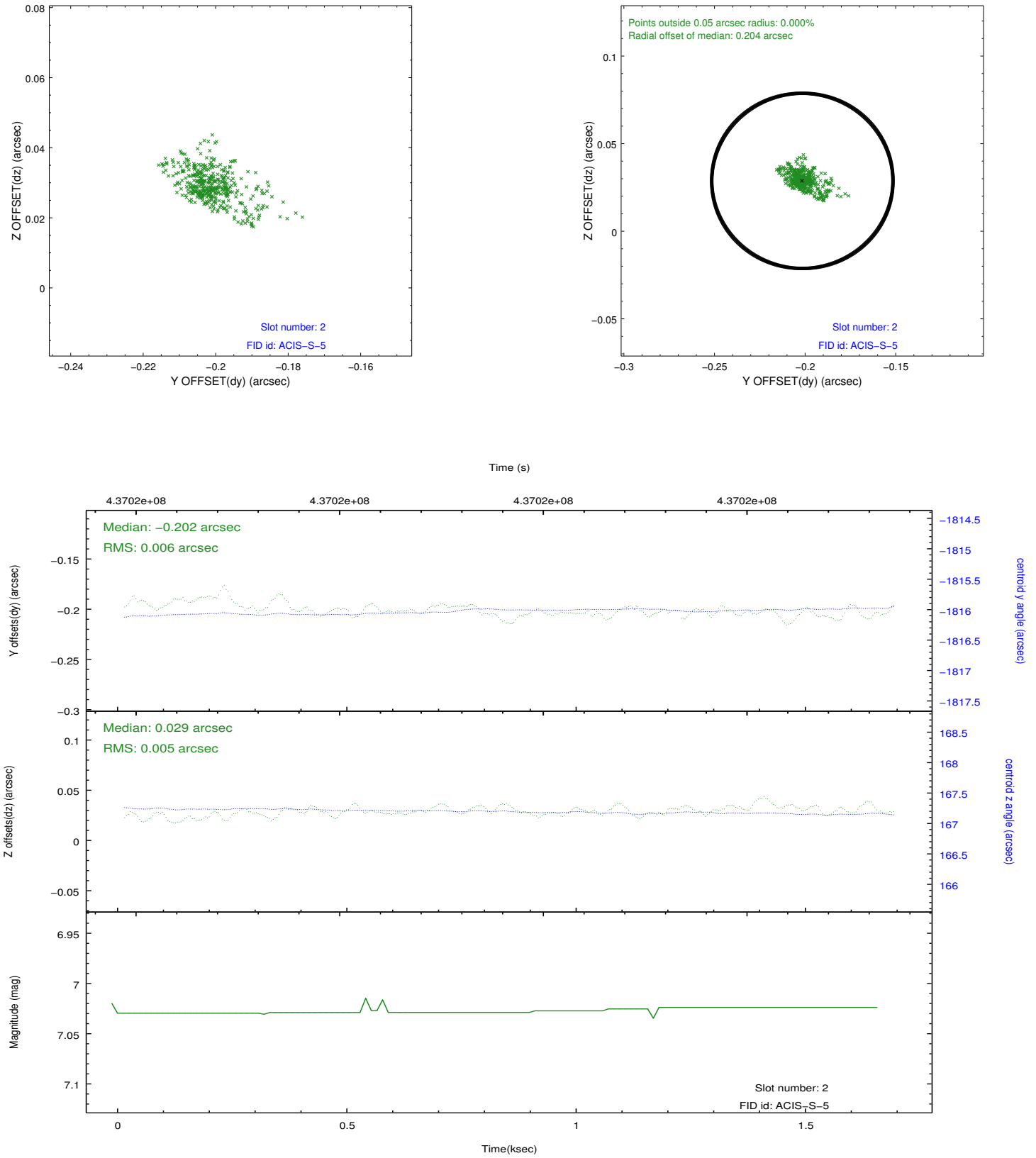
2.5.1 Slot 0



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)	2012.02.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.5624000120163

A.2 Comments