

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3328 - L2 Version 3
Chandra X-Ray Center

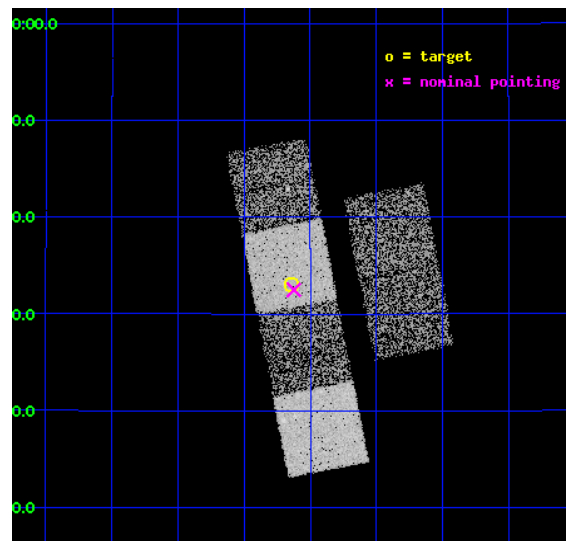
L2 Processing Date : Oct 11 2012

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1 Front

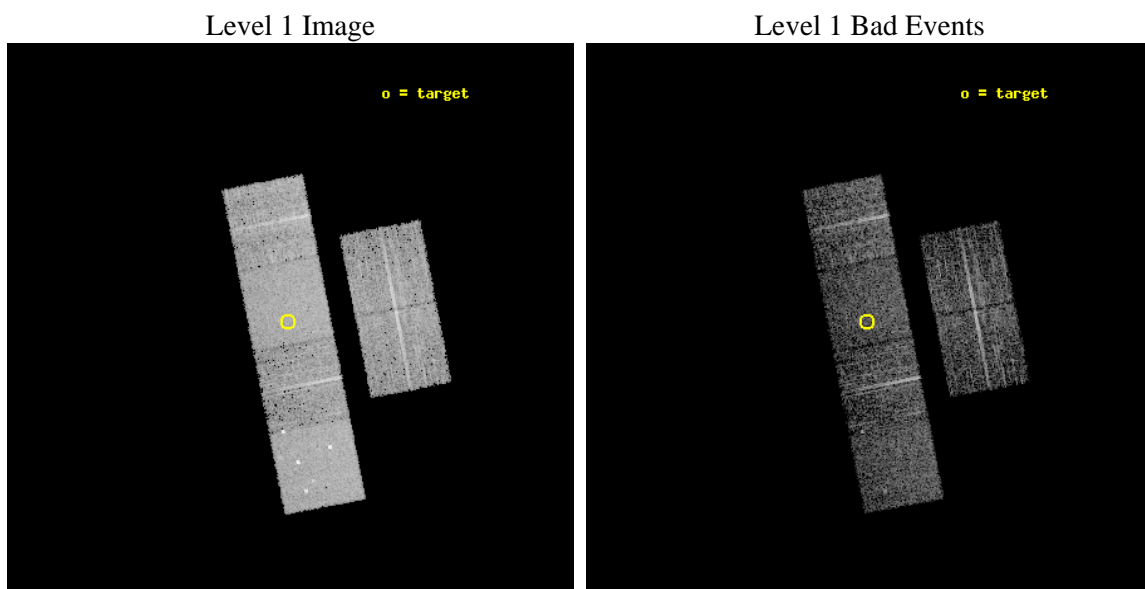
seq_num	900167	Sequence number
obs_id	3328	Observation id
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?	
observer	Prof Kirpal Nandra	Principal investigator
object	AX J1406.1+2233	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	211.534583	Observer's specified target RA [deg]
dec_targ	22.550556	Observer's specified target Dec [deg]
ra_nom	211.53087207297	Nominal RA [deg]
dec_nom	22.541590609117	Nominal Dec [deg]
roll_nom	258.90132457764	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5011.1999813318	Sum of GTIs [s]
livetime	4947.7451497858	Livetime [s]
ontime2	5011.1999813318	Sum of GTIs [s]
ontime3	5011.1999813318	Sum of GTIs [s]
ontime5	5011.1999813318	Sum of GTIs [s]
ontime6	5011.1999813318	Sum of GTIs [s]
ontime7	5011.1999813318	Sum of GTIs [s]
ontime8	5011.1999813318	Sum of GTIs [s]
l2events	47469	Number of level 2 events



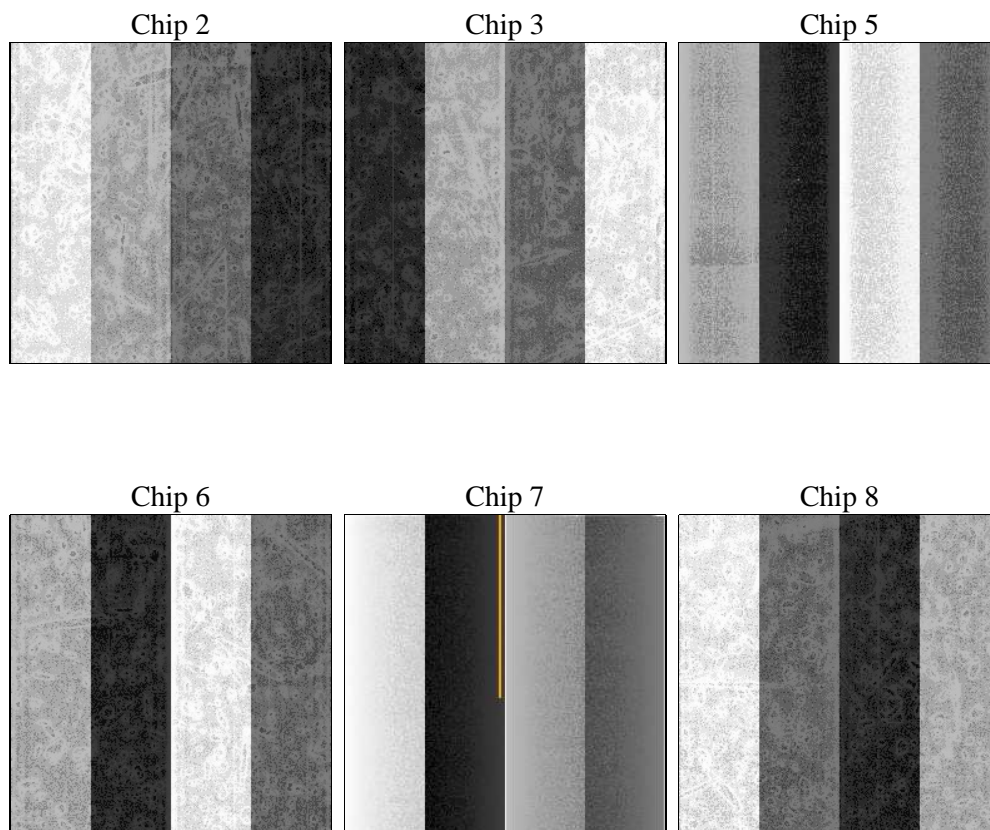
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5011.1999813318	Sum of GTIs [s]
caldsver	4.5.2	 	ontime2	5011.1999813318	Sum of GTIs [s]
date	2012-10-11T21:30:02	Date and time of file creation	ontime3	5011.1999813318	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	5011.1999813318	Sum of GTIs [s]
			ontime6	5011.1999813318	Sum of GTIs [s]
			ontime7	5011.1999813318	Sum of GTIs [s]
			ontime8	5011.1999813318	Sum of GTIs [s]
			l1events	207783	Number of level 1 events

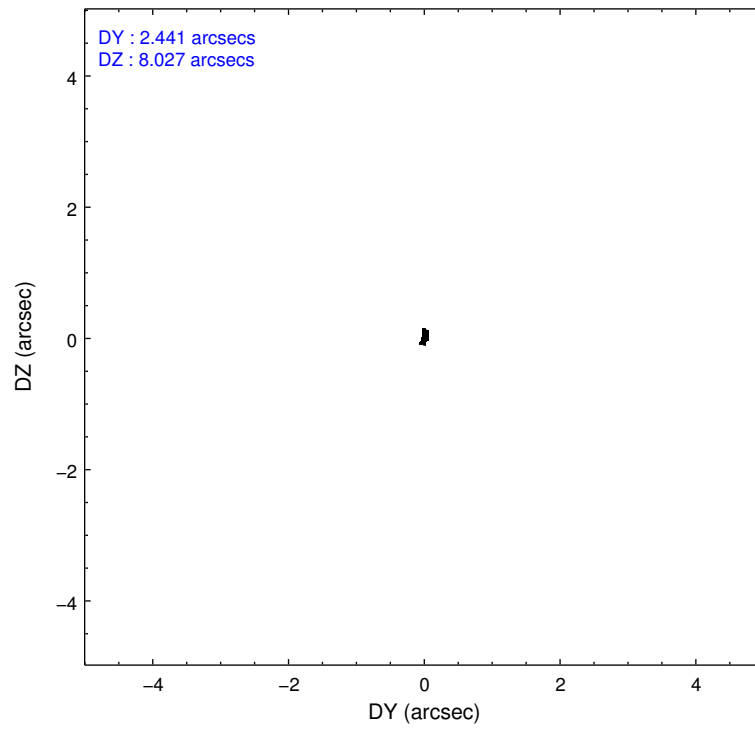
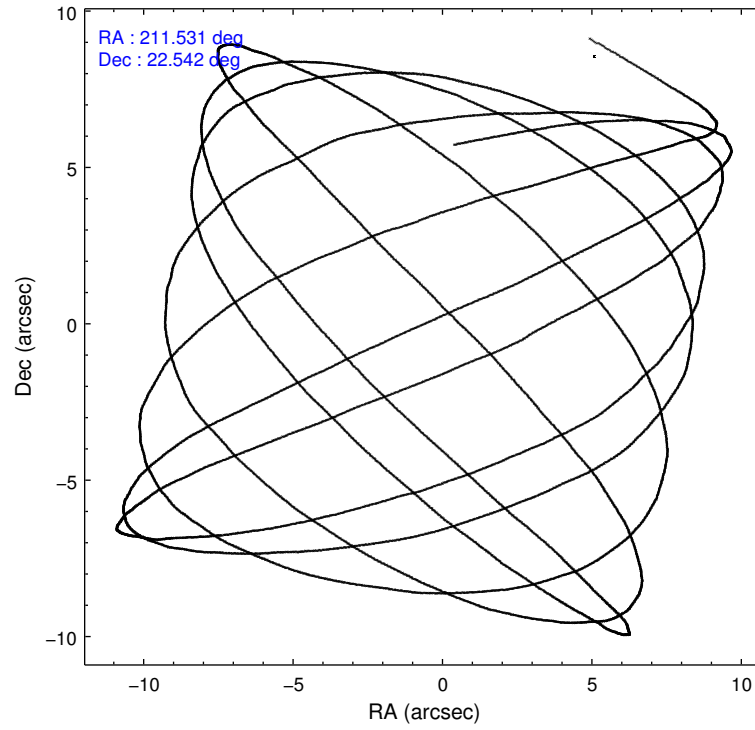
2.1.4 Events

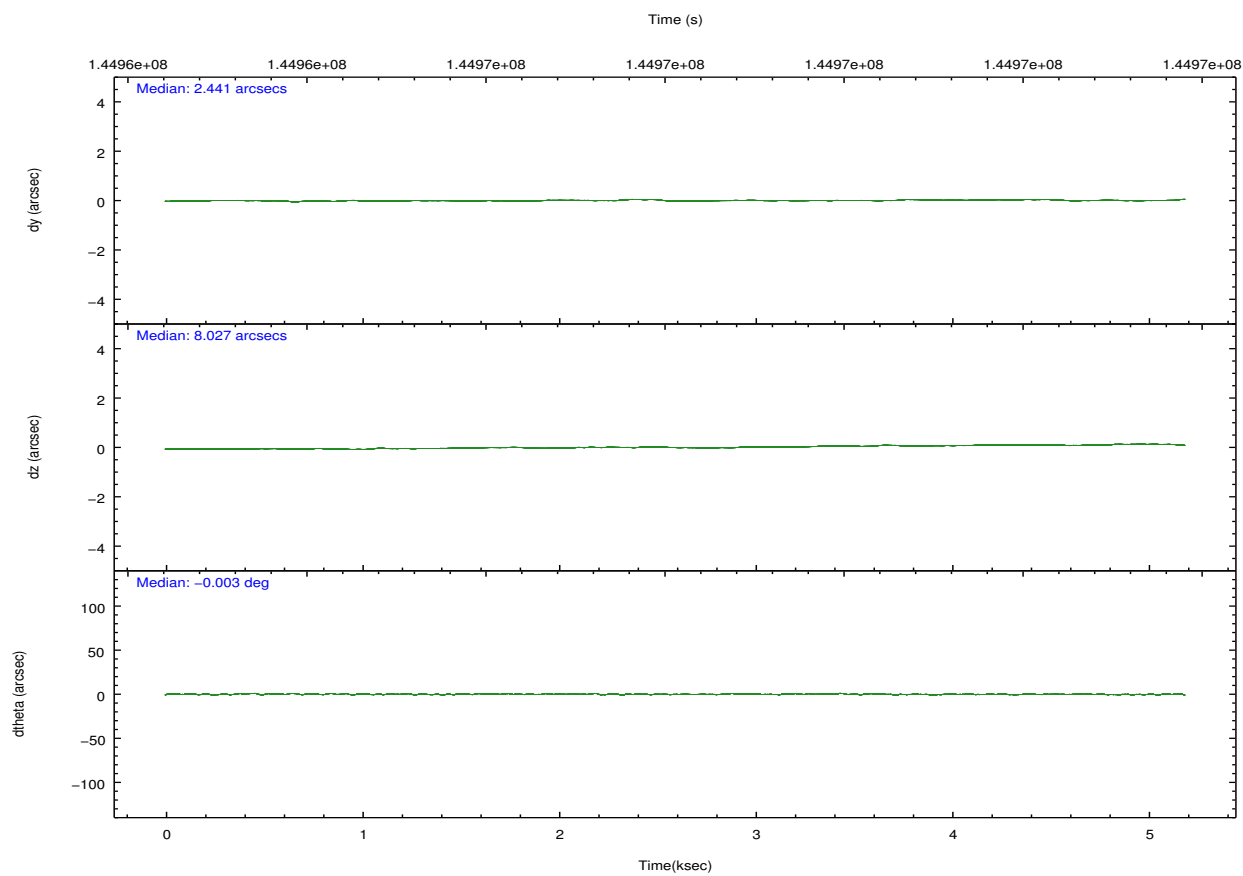
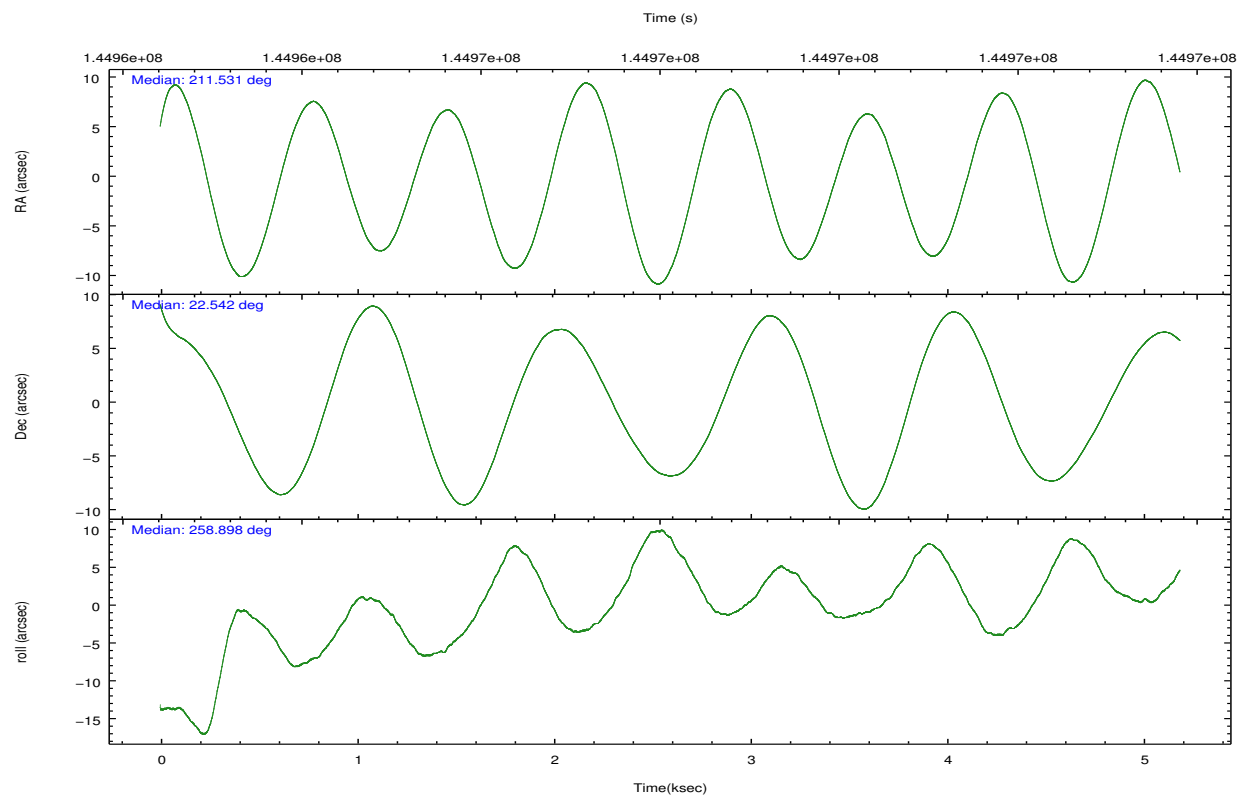
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	28307	28723	45029	28924	39451	37349	grade 0 events	1602	1615	3730	1575	1619	2801
rejected events	24755	25119	23279	25226	23322	29110		5%	5%	8%	5%	4%	7%
rejected %	87%	87%	51%	87%	59%	77%	grade 1 events	20	22	110	11	53	20
								0%	0%	0%	0%	0%	0%
							grade 2 events	721	652	5956	759	3157	1585
								2%	2%	13%	2%	8%	4%
							grade 3 events	354	364	939	345	1444	977
								1%	1%	2%	1%	3%	2%
							grade 4 events	327	324	827	360	1467	909
								1%	1%	1%	1%	3%	2%
							grade 5 events	1132	1272	3230	1268	3817	1678
								3%	4%	7%	4%	9%	4%
							grade 6 events	551	652	10333	662	8448	1995
								1%	2%	22%	2%	21%	5%
							grade 7 events	23600	23822	19904	23944	19446	27384
								83%	82%	44%	82%	49%	73%

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	211.520871	211.5308720729662	Subarray requested	NONE	NONE
[deg] Pointing Dec	22.567178	22.54159060911674	Alternating exposures requested	N	N
[deg] Pointing Roll	258.748548	258.9013245776351	[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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	144964644.184000	144963660.17362			
Observation start date	2002-08-05T19:56:20	2002-08-05T19:41:00			
[s] Observation end time (MET)	144969644.184000	144970450.2864			
Observation end date	2002-08-05T21:19:40	2002-08-05T21:34:10			
Read mode	TIMED	TIMED			

2.3 Aspect



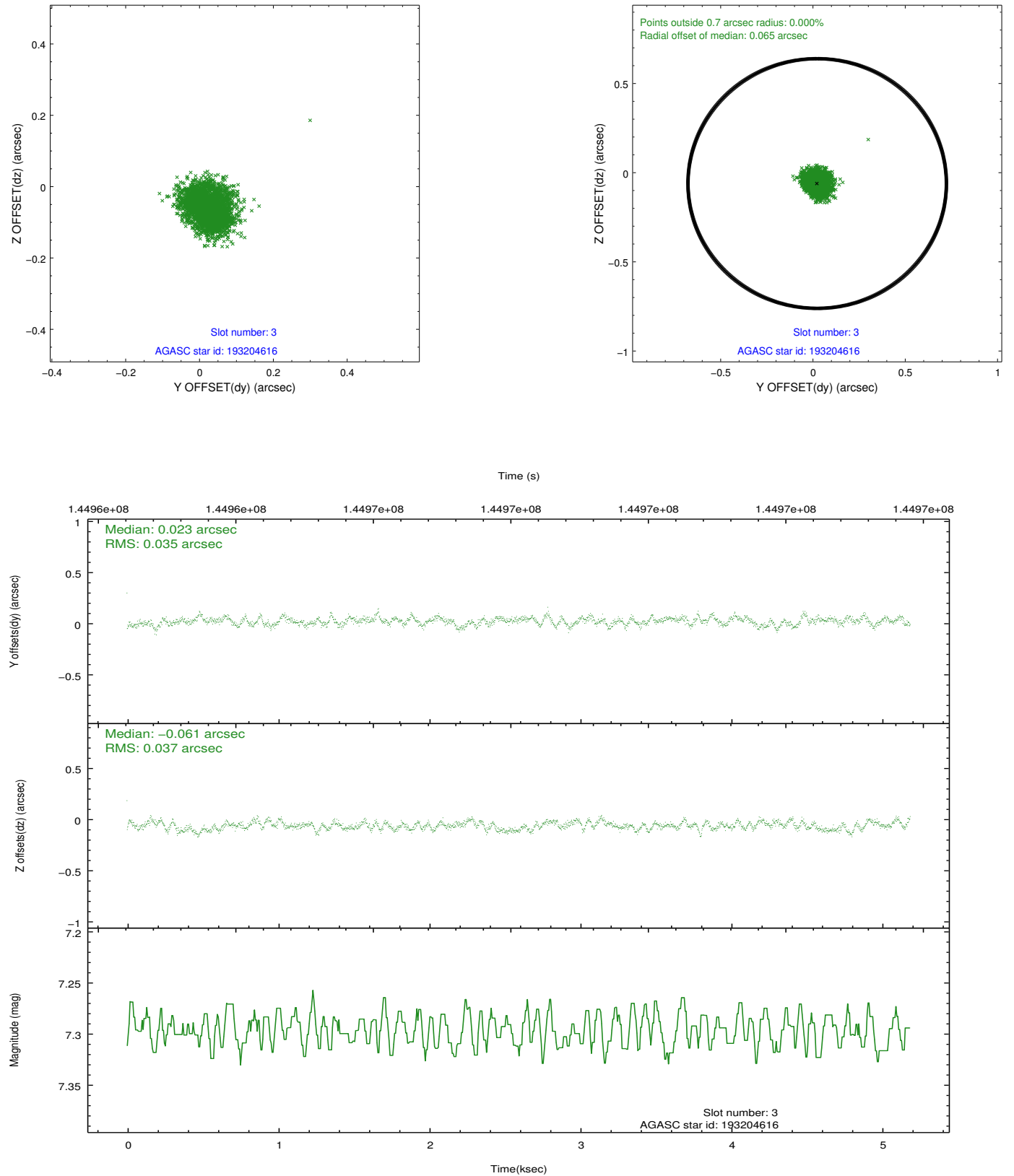


Slot Statistics

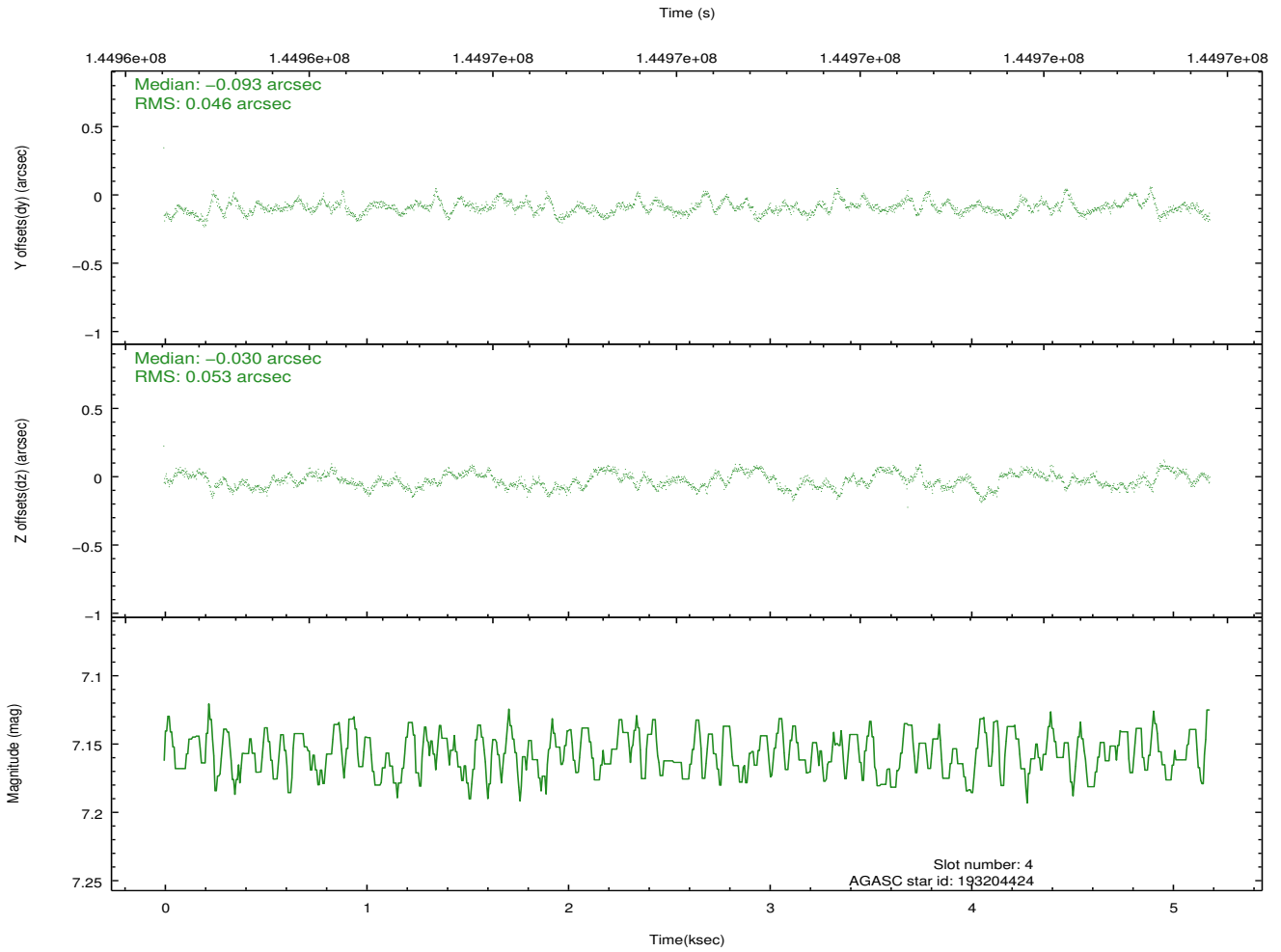
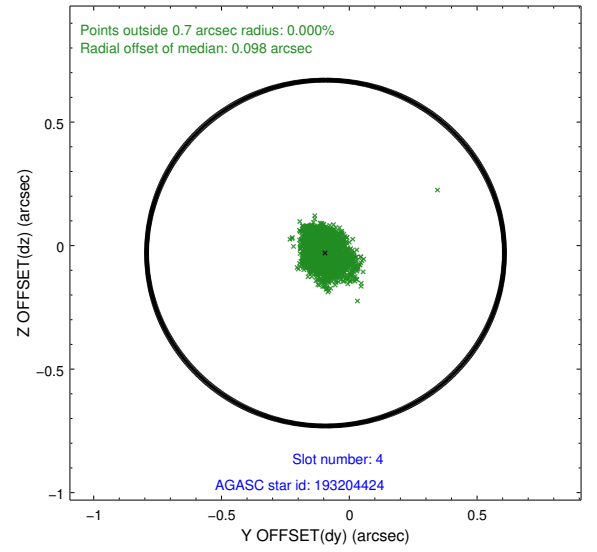
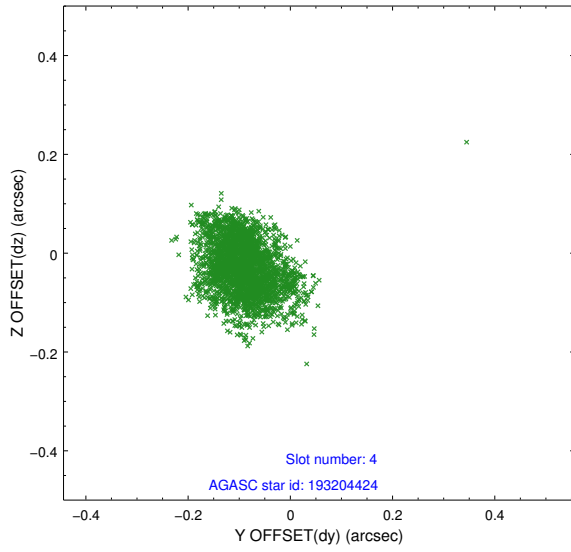
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1265	-0.010	0.003	0.007	0.010	0.000000	0.000000	-755.10	-1729.22
1	FID	ACIS-S-4	7.20	1265	-0.036	0.004	0.005	0.010	0.000000	0.000000	2157.65	178.02
2	FID	ACIS-S-5	7.24	1266	0.014	0.002	0.006	0.010	0.000000	0.000000	-1806.39	173.07
3	GUIDE	193204616	7.30	2532	0.023	-0.061	0.055	0.085	211.556472	22.167699	1387.99	397.73
4	GUIDE	193204424	7.16	2532	-0.093	-0.030	0.075	0.119	210.841613	22.495754	689.30	-2165.82
5	GUIDE	262939080	8.33	2531	-0.086	0.133	0.068	0.105	212.074376	22.563038	-347.01	1806.97
6	GUIDE	193207200	8.96	2532	0.248	-0.104	0.123	0.194	210.740322	22.042629	2354.57	-2186.16
7	GUIDE	262936960	9.60	2521	-0.099	0.063	0.084	0.135	211.808046	23.149101	-2239.59	523.09

2.4 Star Slots

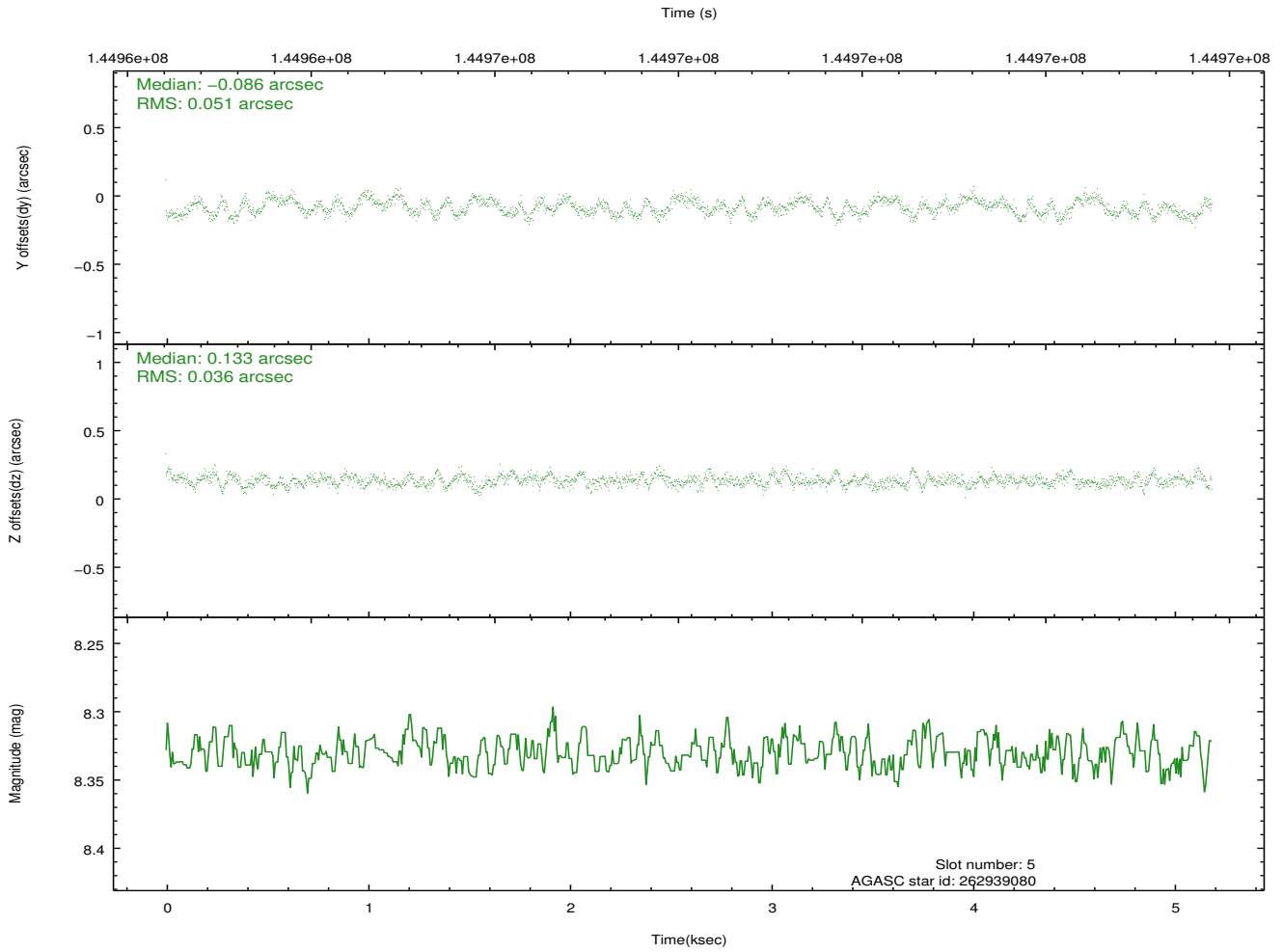
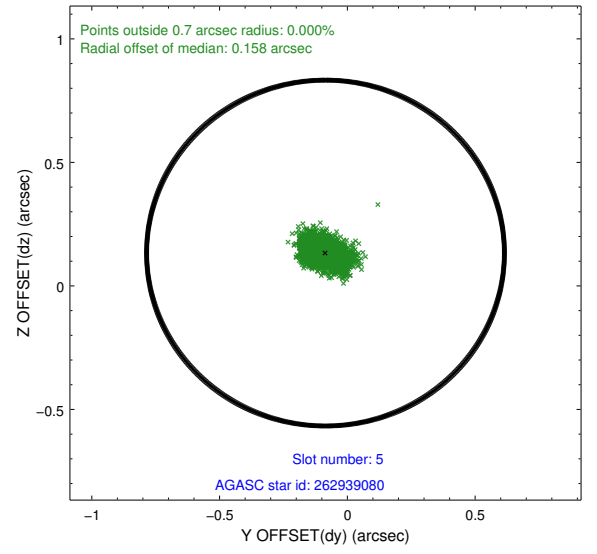
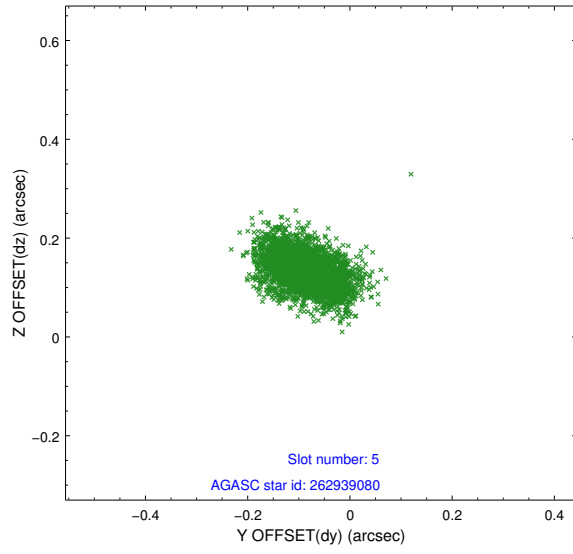
2.4.1 Slot 3



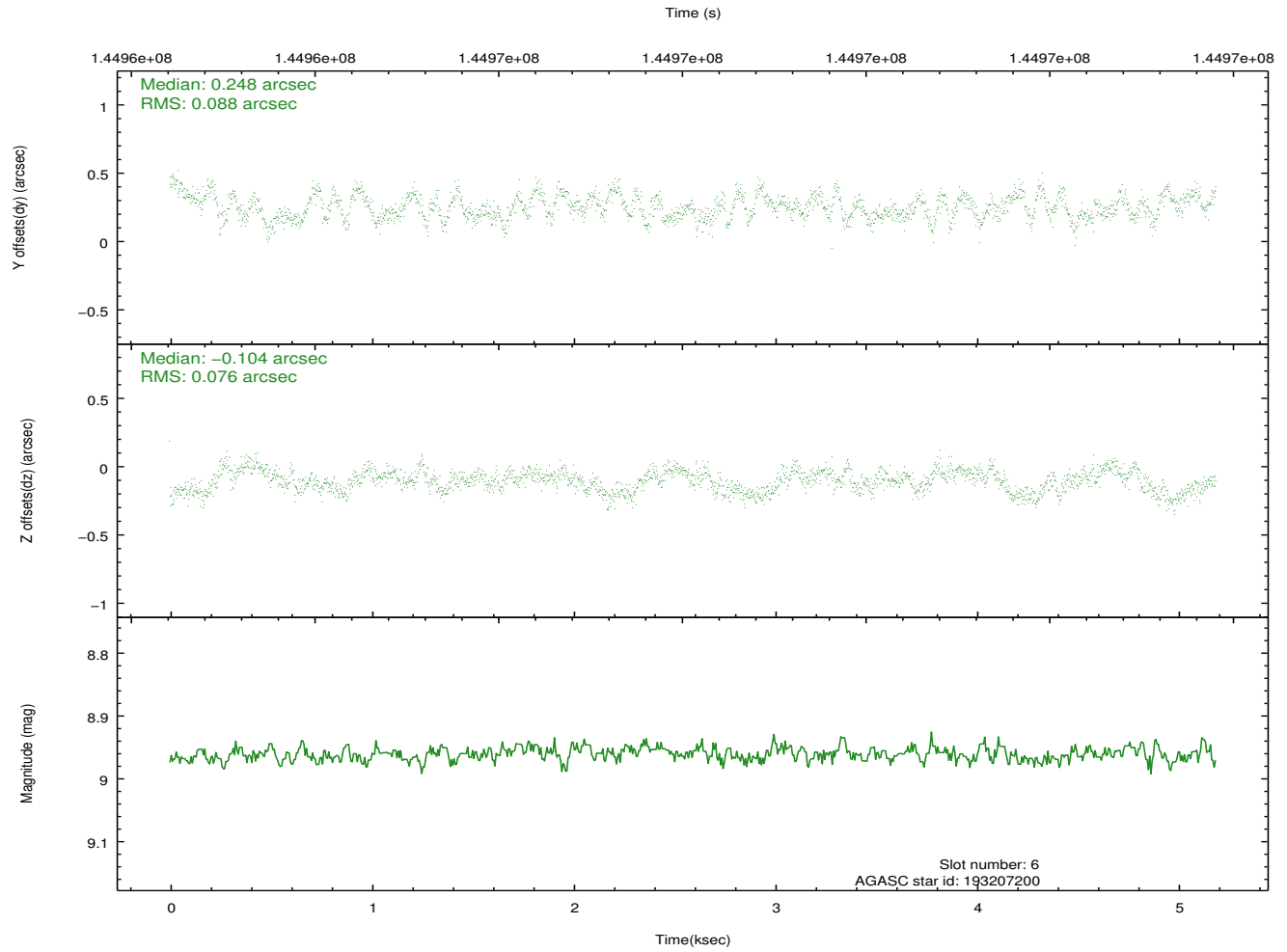
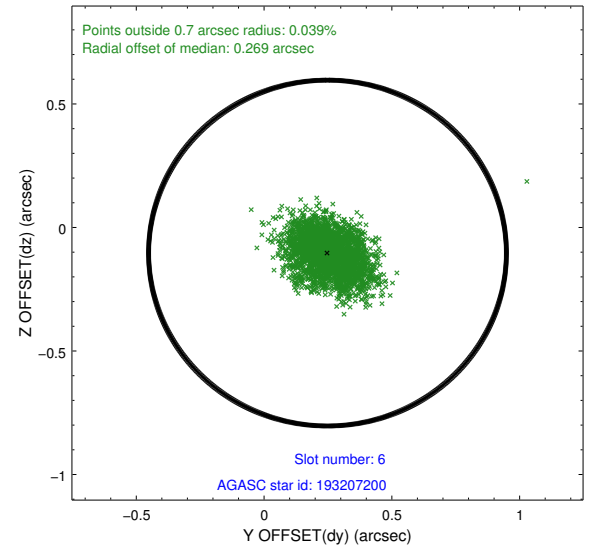
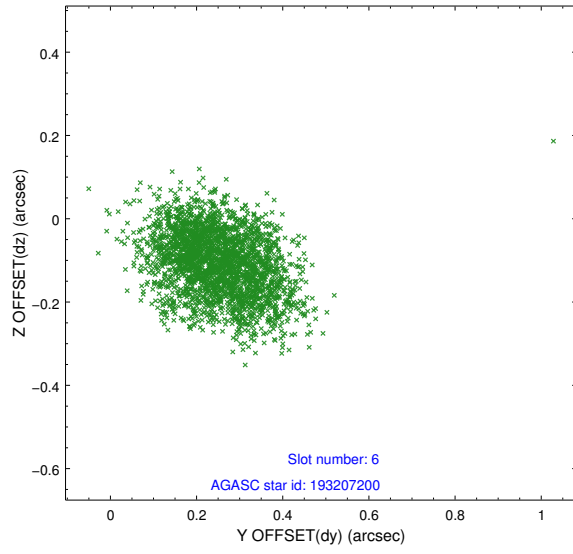
2.4.2 Slot 4



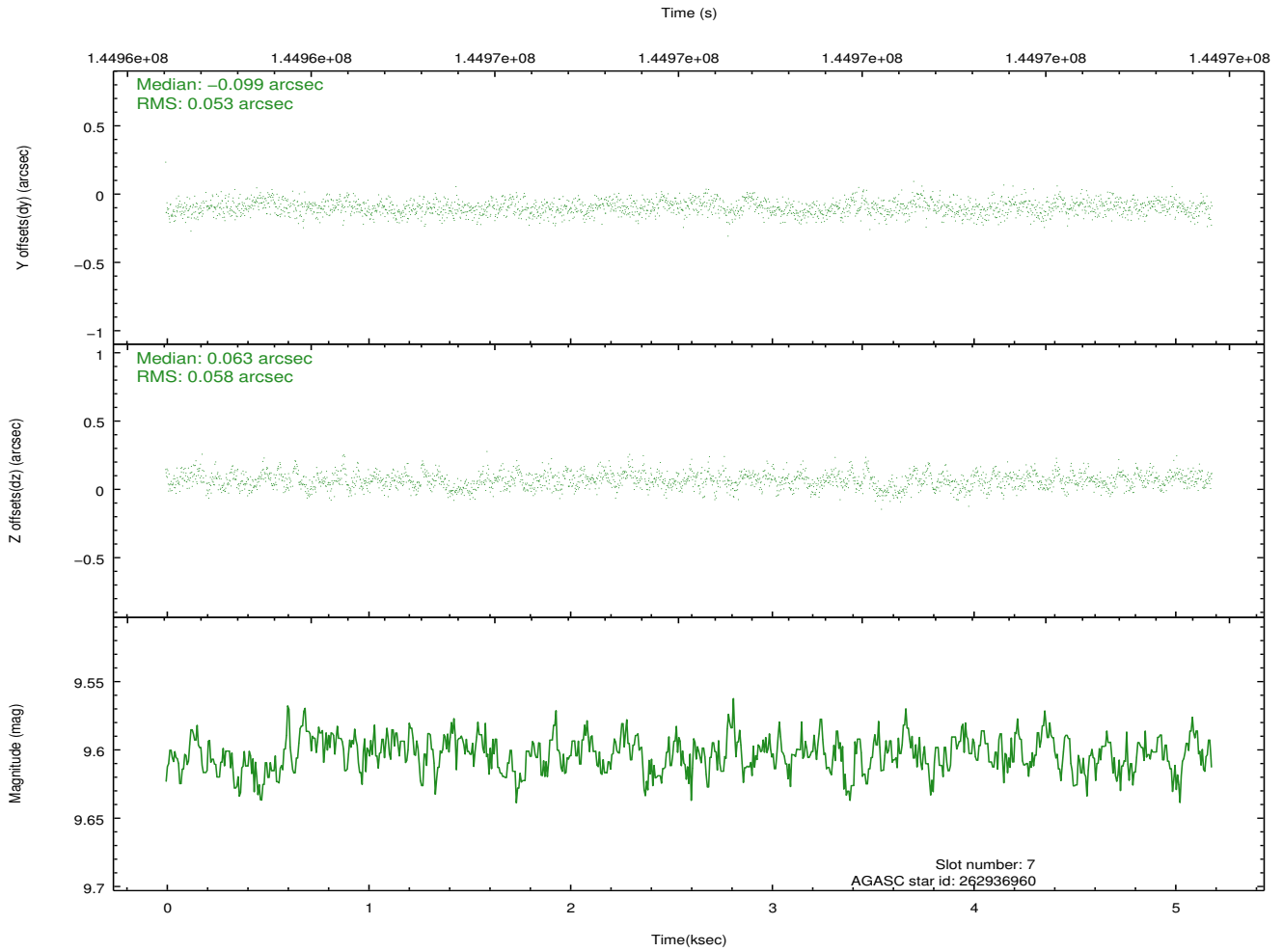
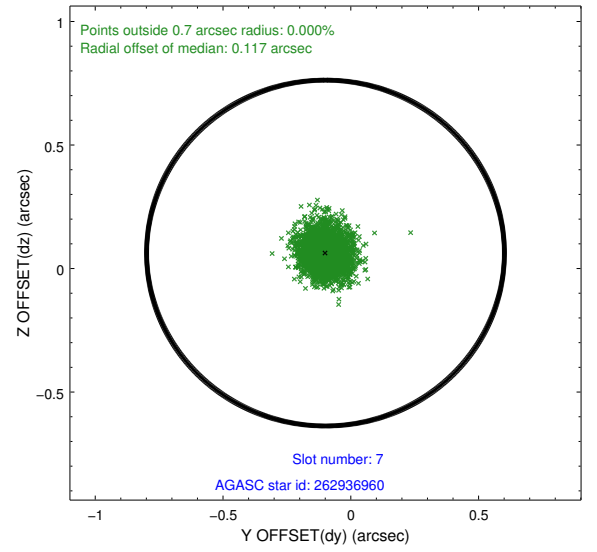
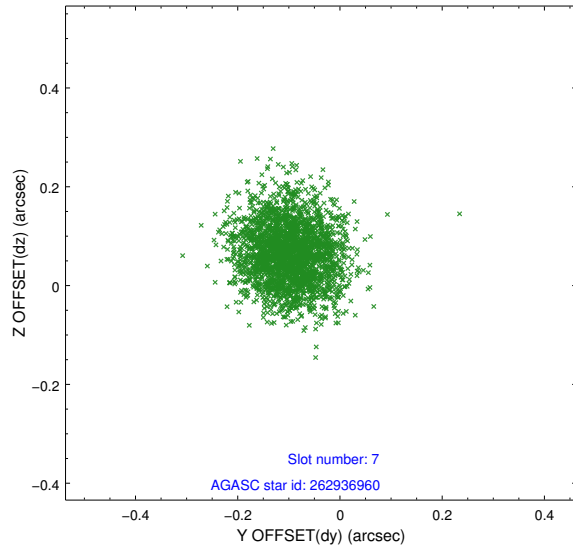
2.4.3 Slot 5



2.4.4 Slot 6

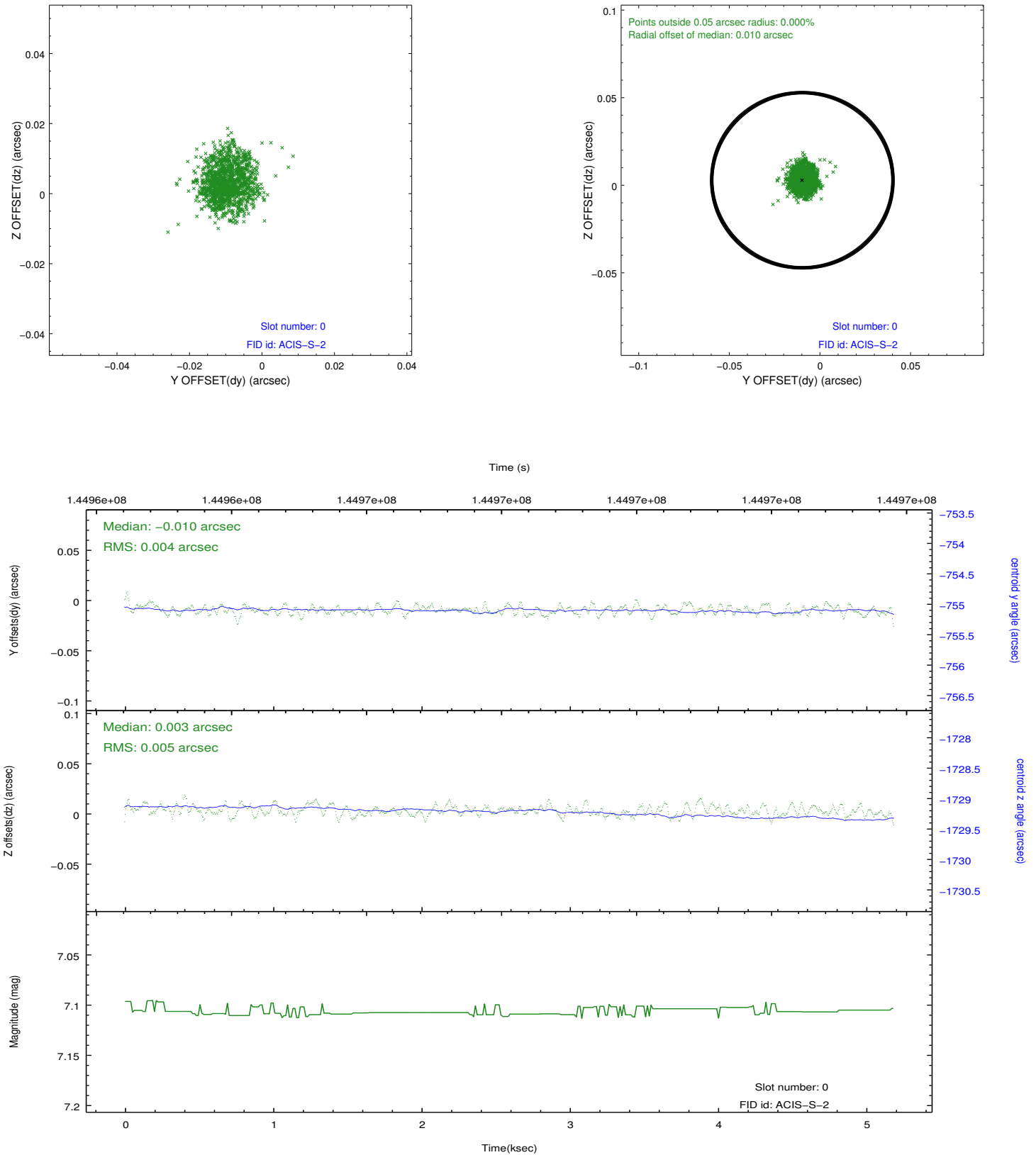


2.4.5 Slot 7

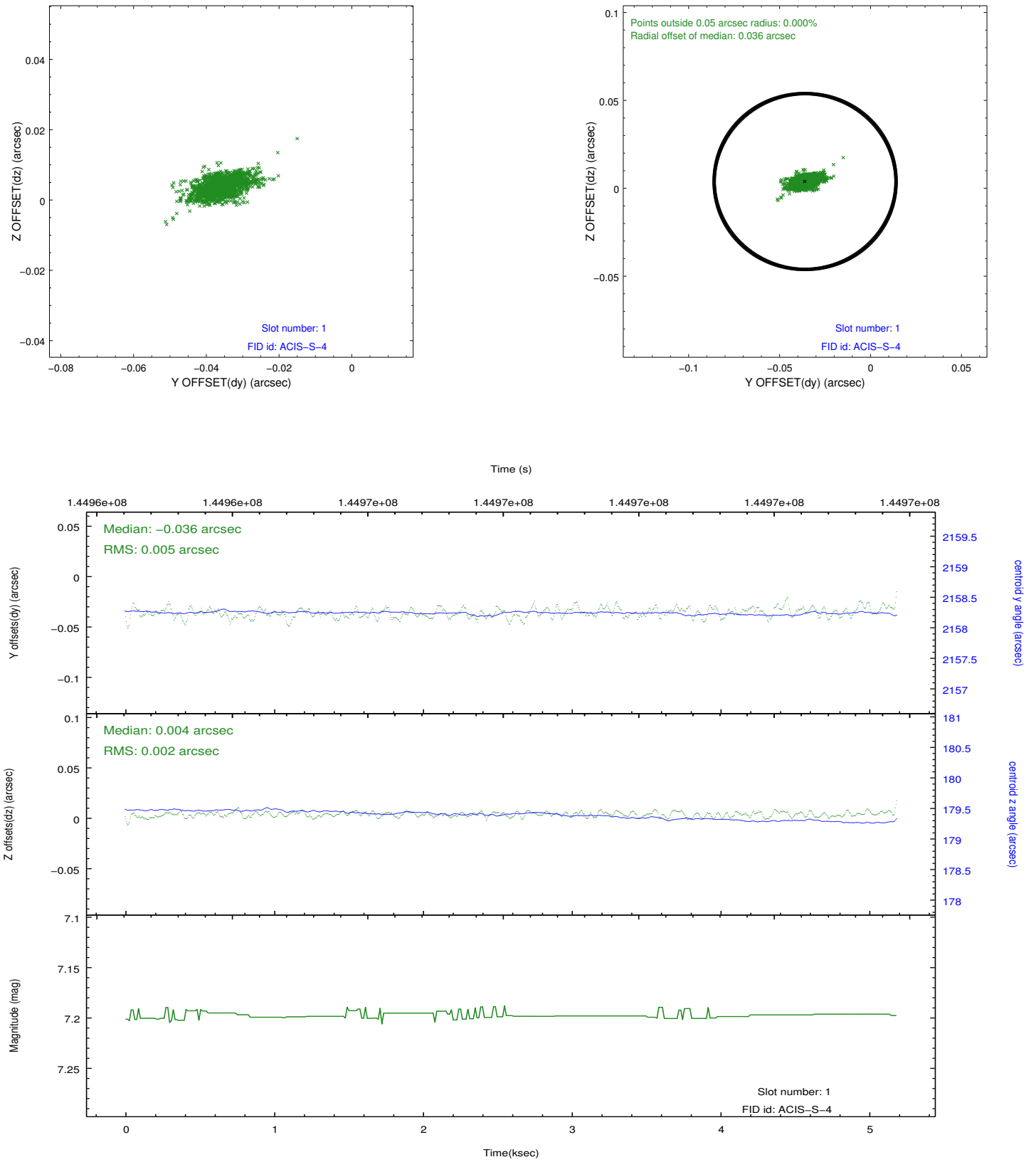


2.5 FID Slots

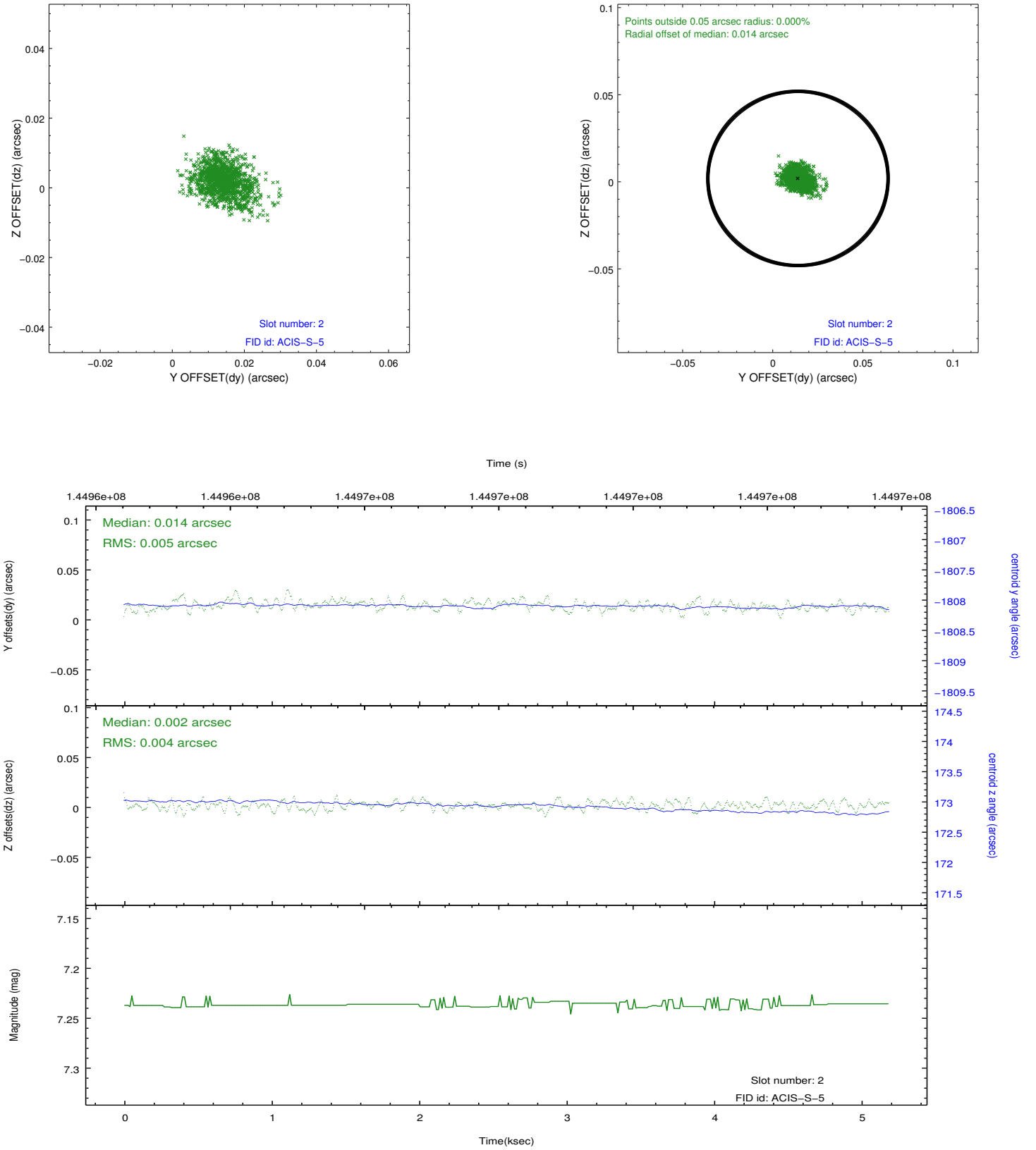
2.5.1 Slot 0



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)	2012.10.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.014

A.2 Comments

Joint Proposal: NOAO