

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6272 - L2 Version 3
Chandra X-Ray Center

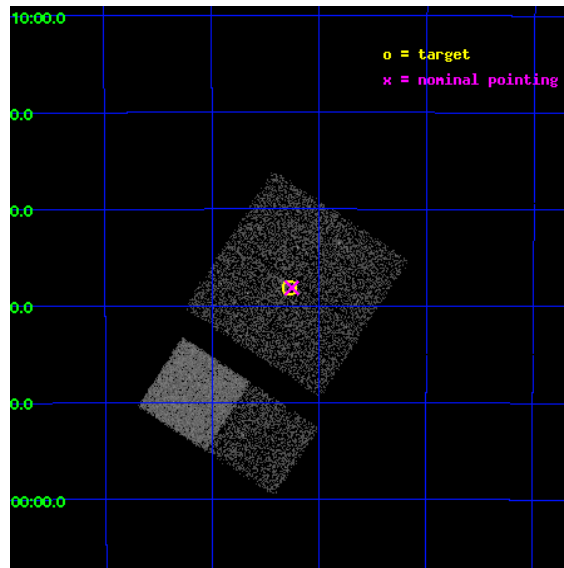
L2 Processing Date : Dec 25 2012

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1 Front

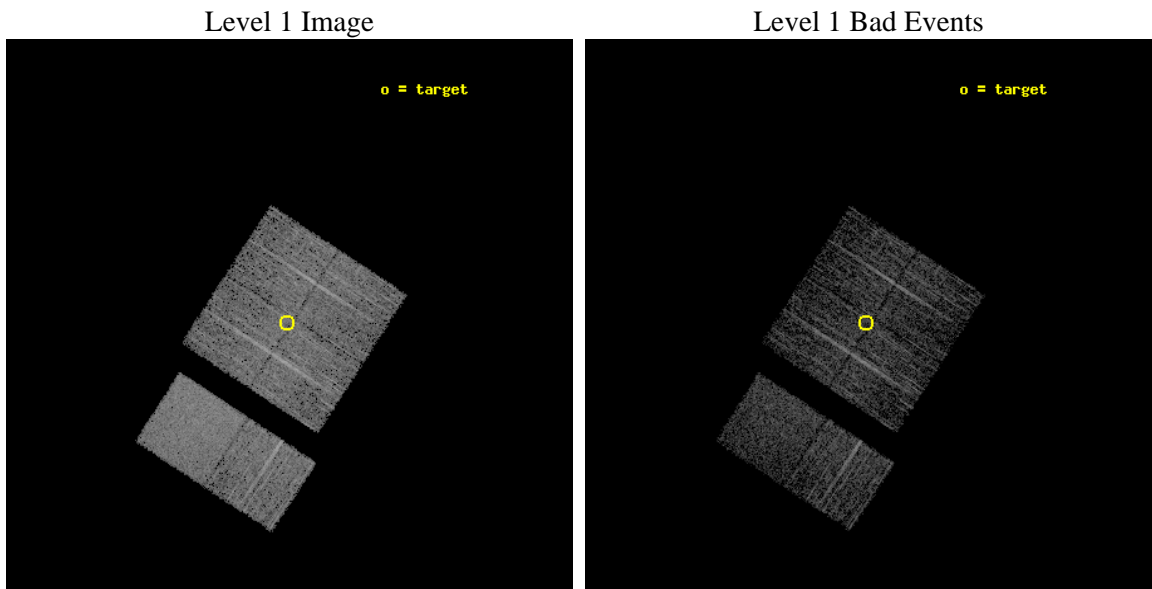
seq_num	701174	Sequence number
obs_id	6272	Observation id
title	Search for strongly obscured AGNs: support for INTEGRAL all-sky hard X-ray survey	Proposal title
observer	Prof. Rashid Sunyaev	Principal investigator
object	IGR J07563-4137	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	119.07	Observer's specified target RA [deg]
dec_targ	-41.635	Observer's specified target Dec [deg]
ra_nom	119.0637369019	Nominal RA [deg]
dec_nom	-41.635877935479	Nominal Dec [deg]
roll_nom	213.23710848972	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3256.8790922761	Sum of GTIs [s]
livetime	3215.6385281525	Livetime [s]
ontime0	3256.755972296	Sum of GTIs [s]
ontime1	3256.7970122695	Sum of GTIs [s]
ontime2	3256.8380522728	Sum of GTIs [s]
ontime3	3256.8790922761	Sum of GTIs [s]
ontime6	3256.9611722827	Sum of GTIs [s]
ontime7	3256.9201322794	Sum of GTIs [s]
l2events	27224	Number of level 2 events



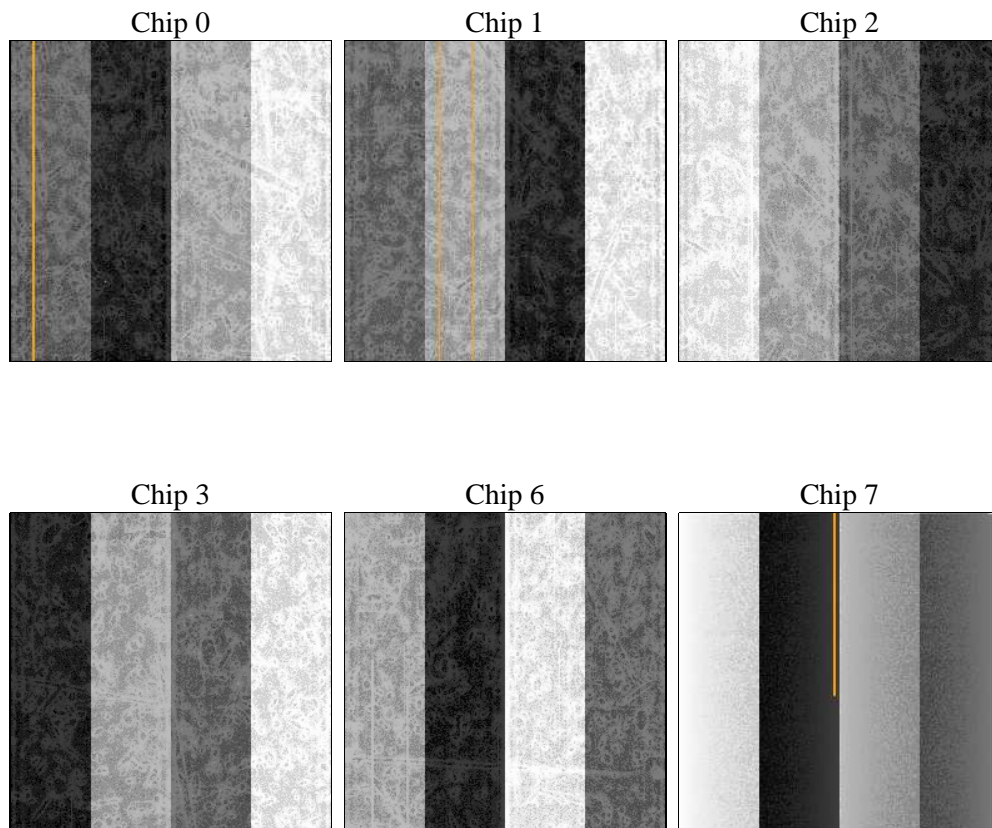
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3500.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	3256.8790922761	Sum of GTIs [s]
caldsver	4.5.5	 	ontime0	3256.755972296	Sum of GTIs [s]
date	2012-12-25T04:03:11	Date and time of file creation	ontime1	3256.7970122695	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3256.8380522728	Sum of GTIs [s]
			ontime3	3256.8790922761	Sum of GTIs [s]
			ontime6	3256.9611722827	Sum of GTIs [s]
			ontime7	3256.9201322794	Sum of GTIs [s]
			l1events	153480	Number of level 1 events

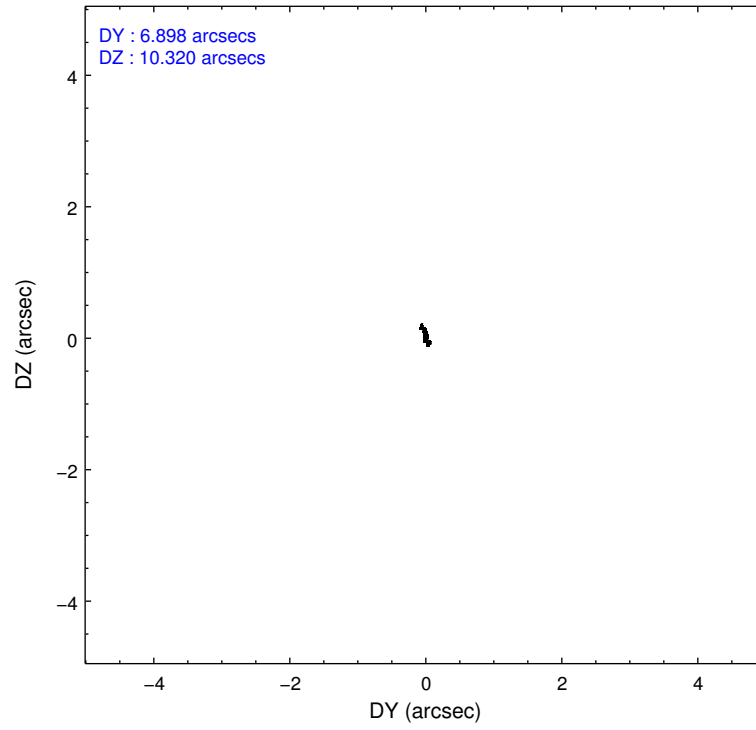
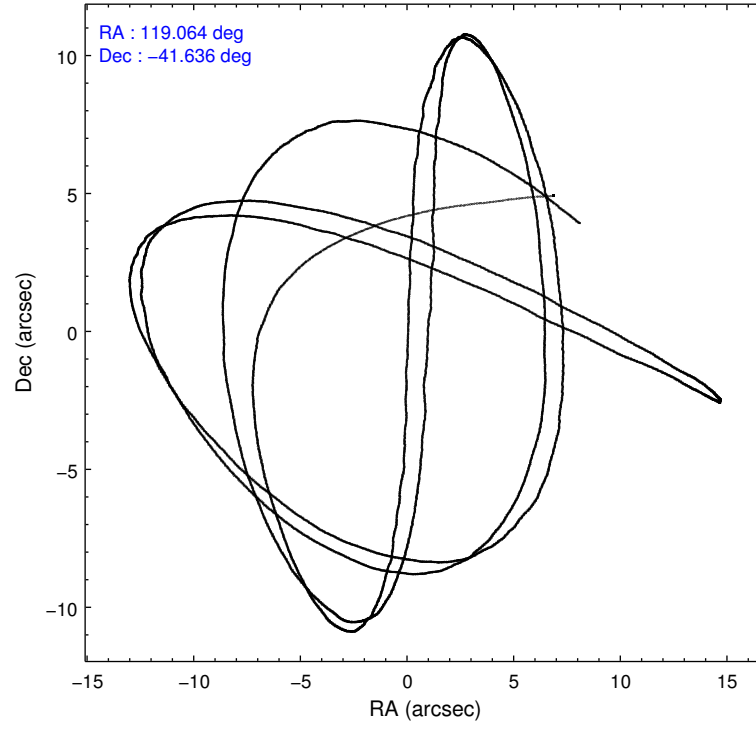
2.1.4 Events

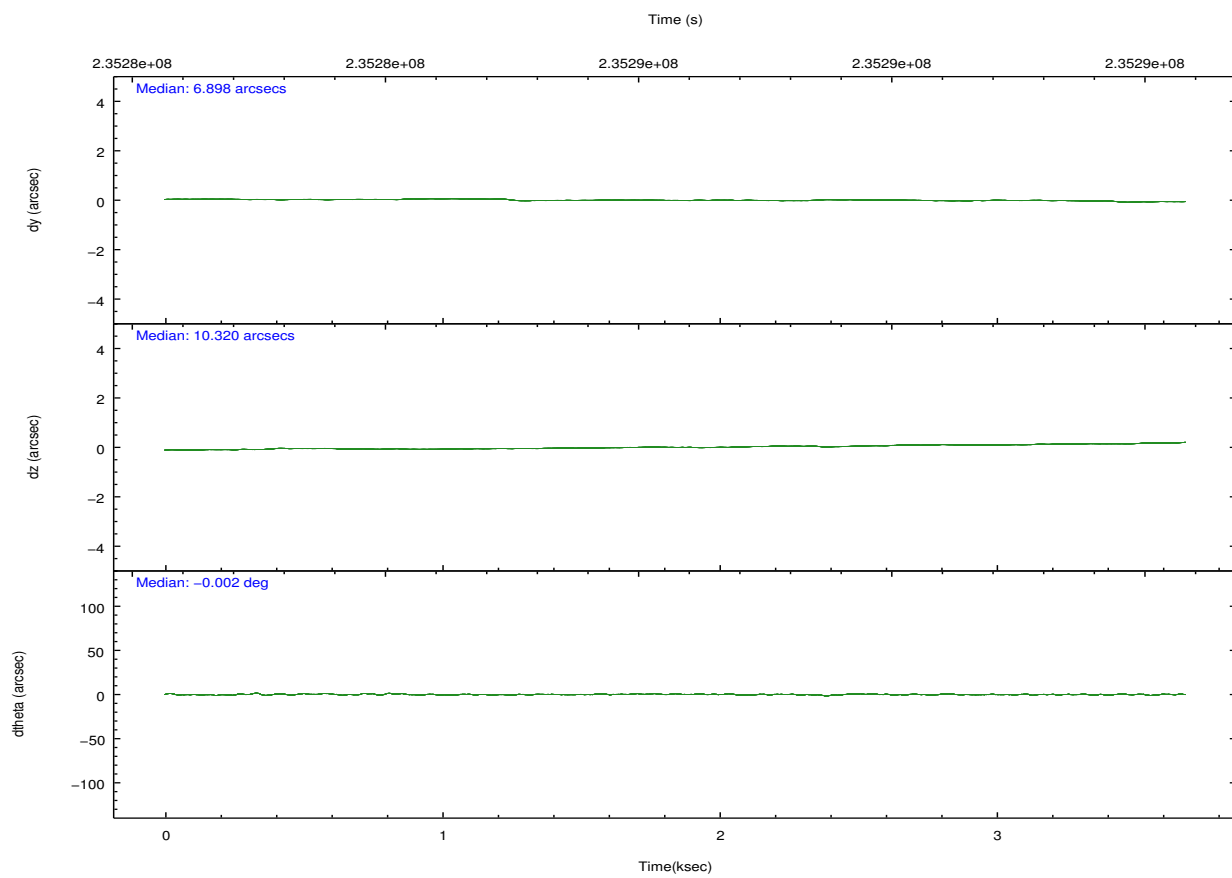
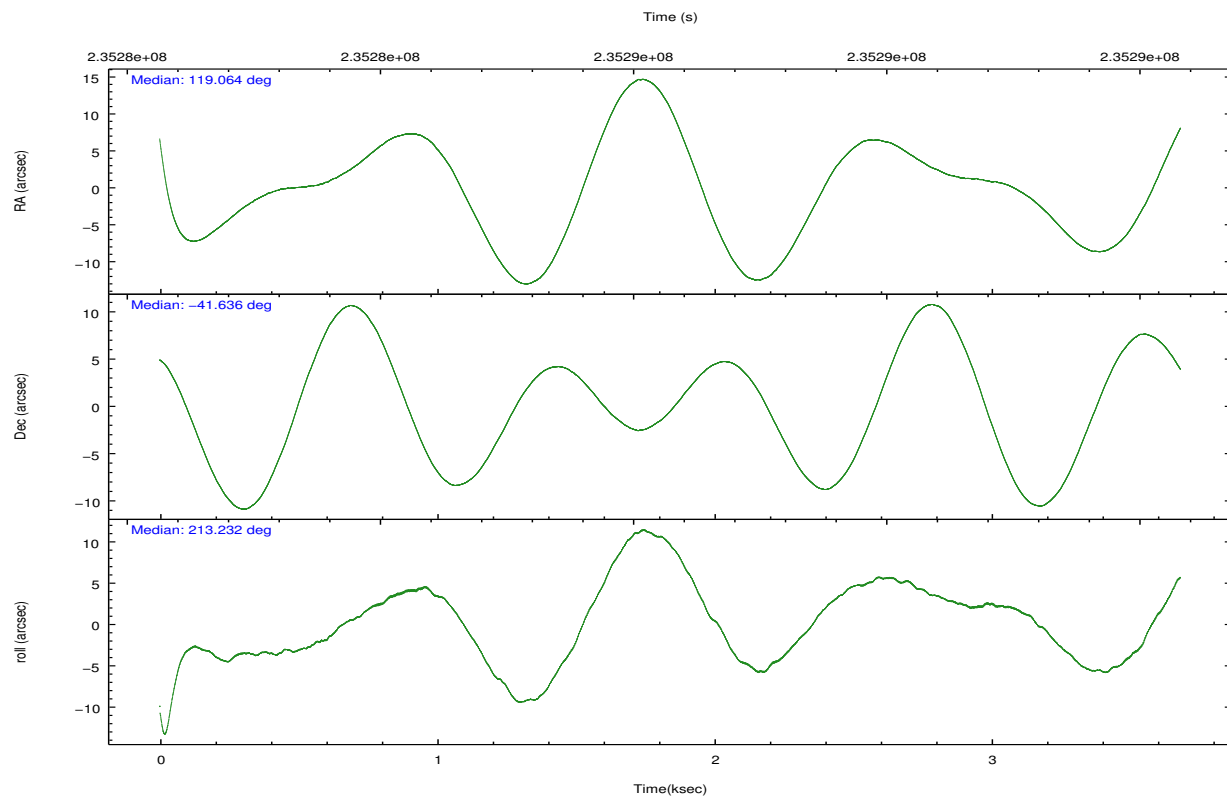
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	22312	23083	25707	24451	25290	32637	grade 0 events	1344	1392	1302	1771	1158	1214
rejected events	19270	19783	22770	20666	22387	19007		6%	6%	5%	7%	4%	3%
rejected %	86%	85%	88%	84%	88%	58%	grade 1 events	15	9	11	106	7	30
								0%	0%	0%	0%	0%	0%
							grade 2 events	646	661	619	702	610	2750
								2%	2%	2%	2%	2%	8%
							grade 3 events	269	337	266	374	271	1219
								1%	1%	1%	1%	1%	3%
							grade 4 events	231	300	274	325	273	1187
								1%	1%	1%	1%	1%	3%
							grade 5 events	991	1052	979	1119	1113	3173
								4%	4%	3%	4%	4%	9%
							grade 6 events	554	614	480	619	594	7273
								2%	2%	1%	2%	2%	22%
							grade 7 events	18262	18718	21776	19435	21264	15791
								81%	81%	84%	79%	84%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	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	119.080262	119.0637369018985	Subarray requested	NONE	NONE
[deg] Pointing Dec	-41.611331	-41.63587793547862	Alternating exposures requested	N	N
[deg] Pointing Roll	213.039472	213.2371084897199	[s] Primary exposure time	0.000000	3.2
[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)	235284483.184000	235283655.21351			
Observation start date	2005-06-16T04:46:59	2005-06-16T04:34:15			
[s] Observation end time (MET)	235287983.184000	235288605.96374			
Observation end date	2005-06-16T05:45:19	2005-06-16T05:56:45			
Read mode	TIMED	TIMED			

2.3 Aspect



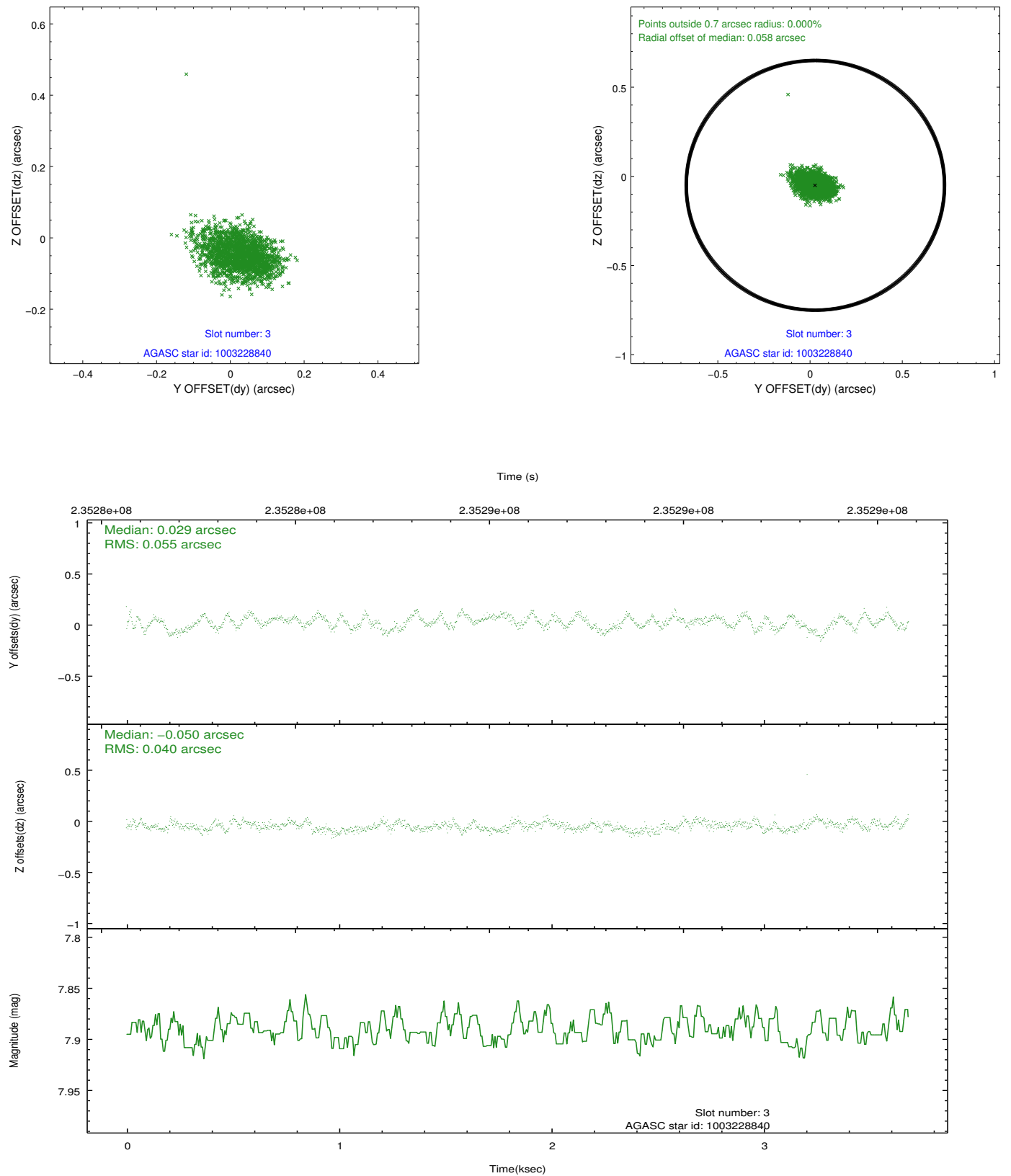


Slot Statistics

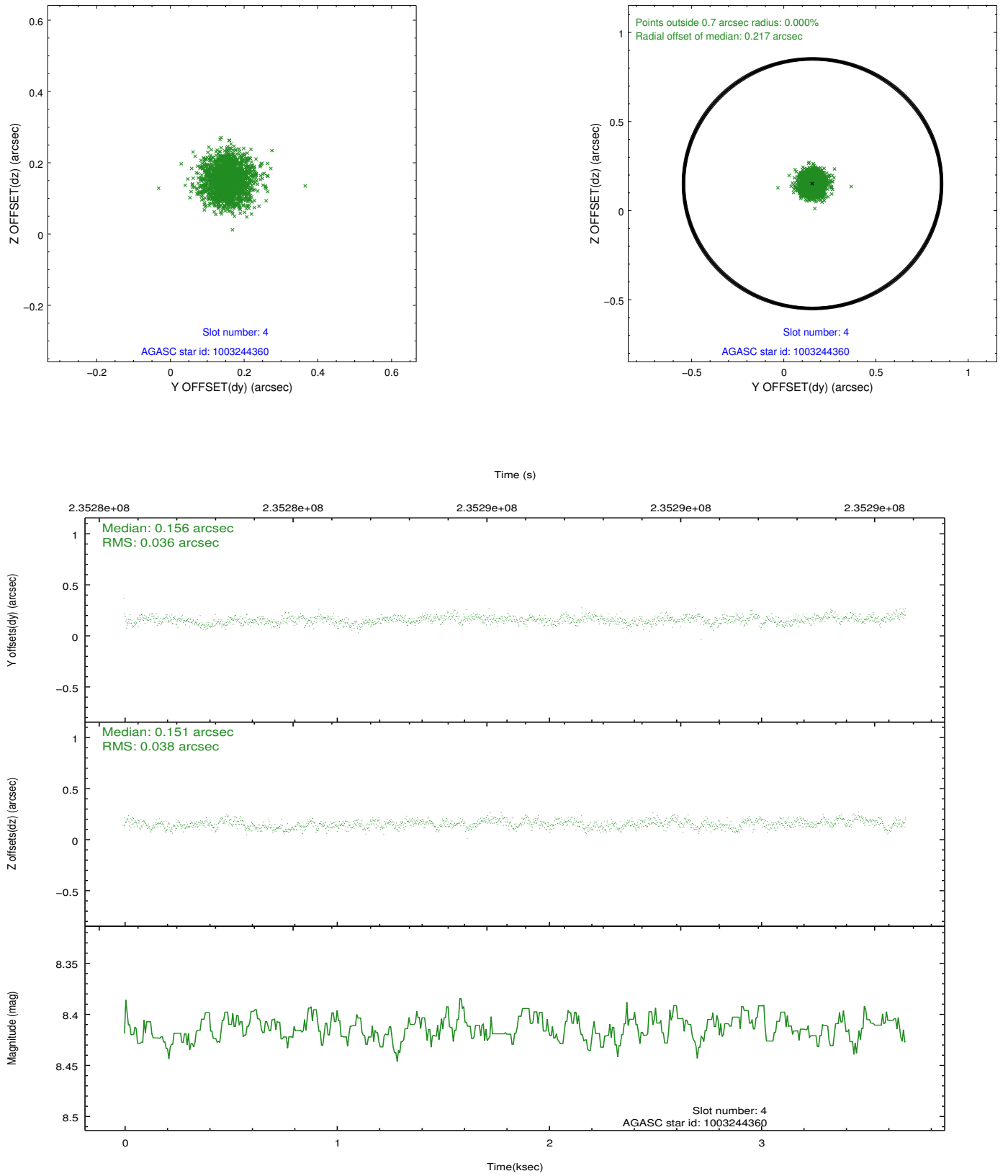
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	899	-0.020	0.014	0.016	0.030	0.000000	0.000000	932.76	-833.81
1	FID	ACIS-I-4	7.18	899	0.115	0.024	0.012	0.021	0.000000	0.000000	2153.90	1065.15
2	FID	ACIS-I-5	7.22	899	-0.192	0.033	0.011	0.023	0.000000	0.000000	-1813.20	1064.98
3	GUIDE	1003228840	7.89	1798	0.029	-0.050	0.072	0.118	119.863328	-41.940032	-1108.17	2143.30
4	GUIDE	1003244360	8.41	1798	0.156	0.151	0.057	0.088	118.857348	-42.452001	2145.82	2216.77
5	GUIDE	1003251408	8.95	1798	-0.079	-0.024	0.118	0.178	118.748493	-41.390637	319.69	-1151.60
6	GUIDE	1003253488	6.92	1798	-0.061	-0.106	0.061	0.098	119.446377	-41.535748	-974.57	311.16
7	GUIDE	1004966064	9.01	1797	-0.029	0.026	0.094	0.153	120.241984	-41.792124	-2248.84	2263.56

2.4 Star Slots

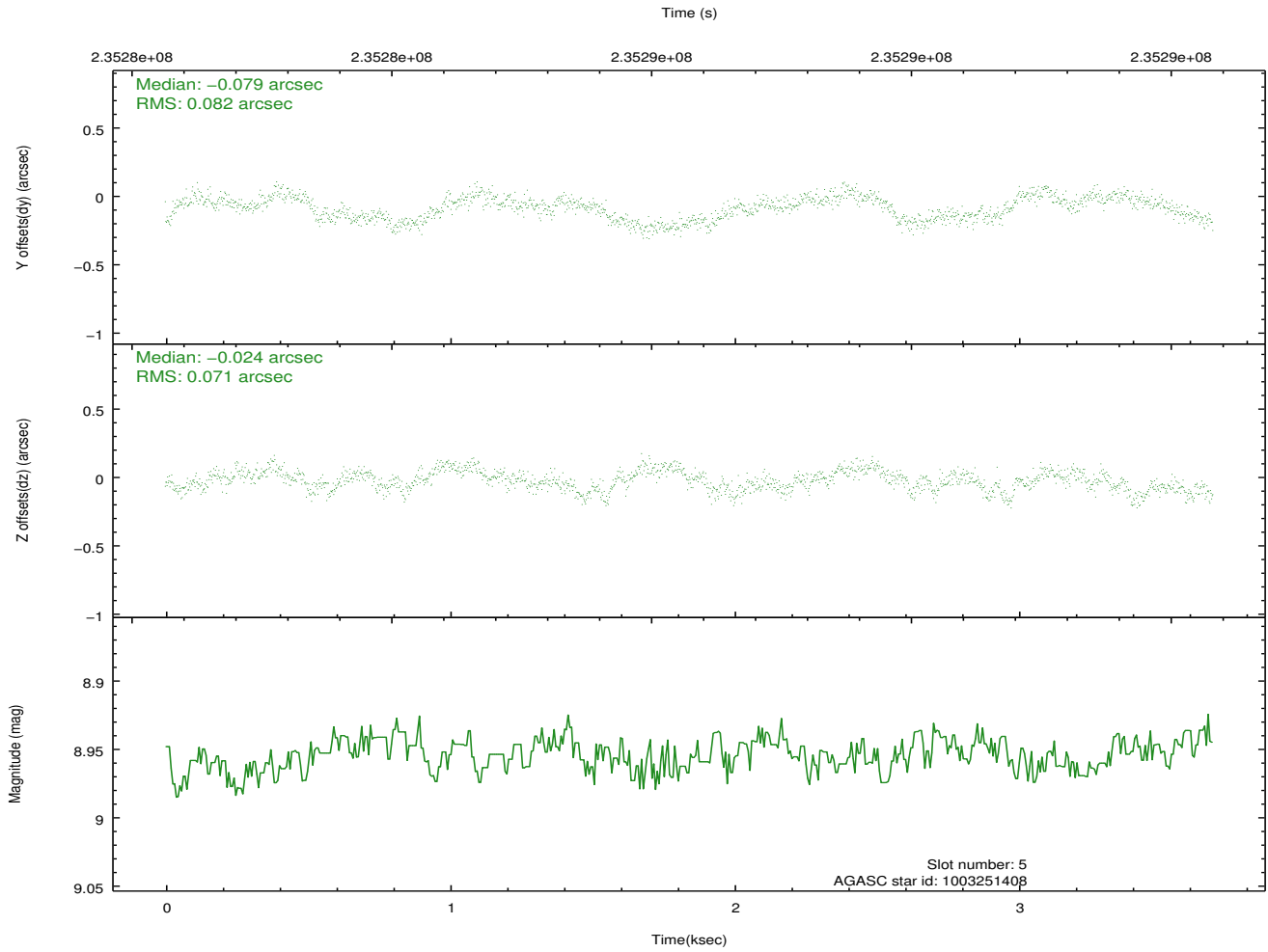
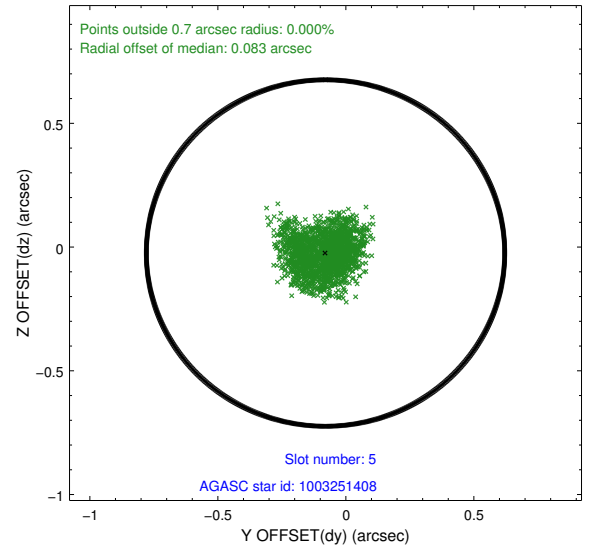
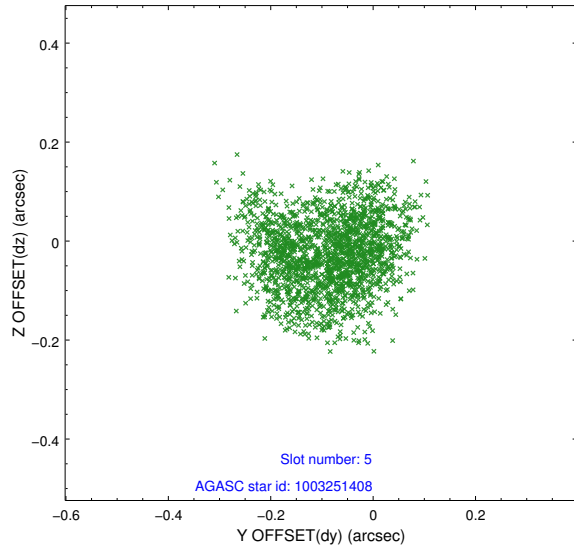
2.4.1 Slot 3



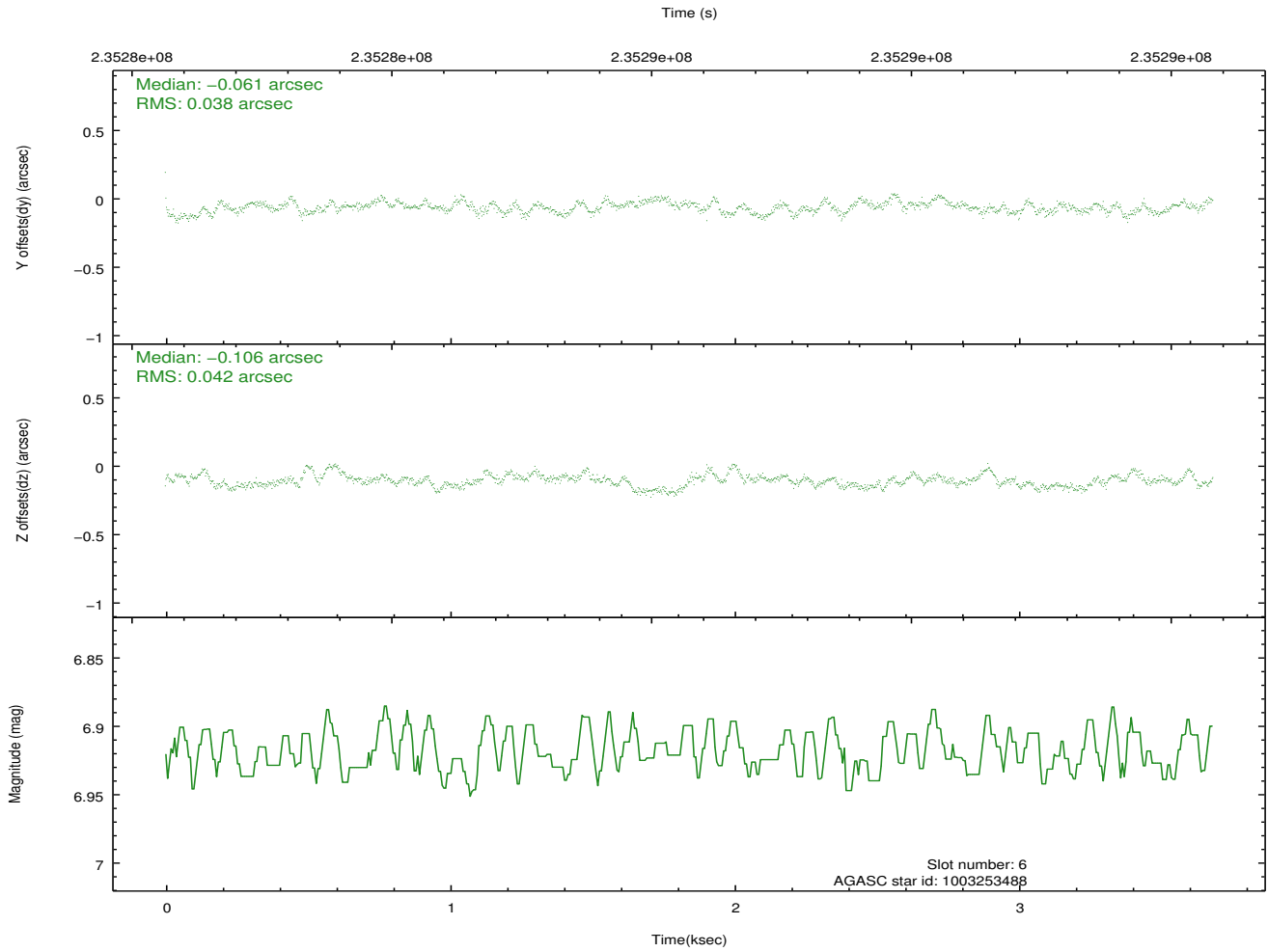
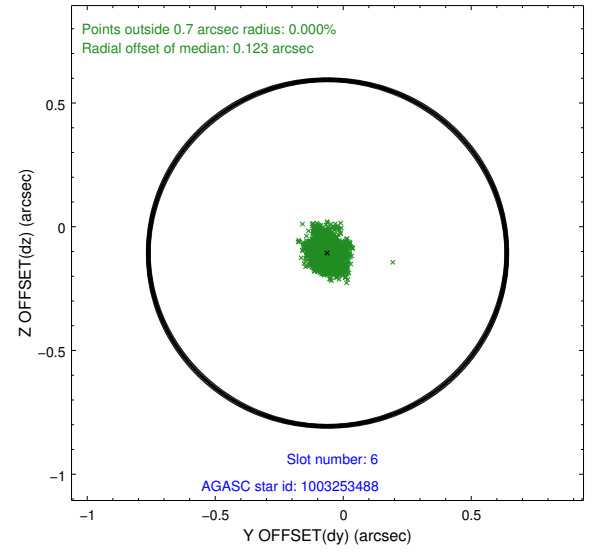
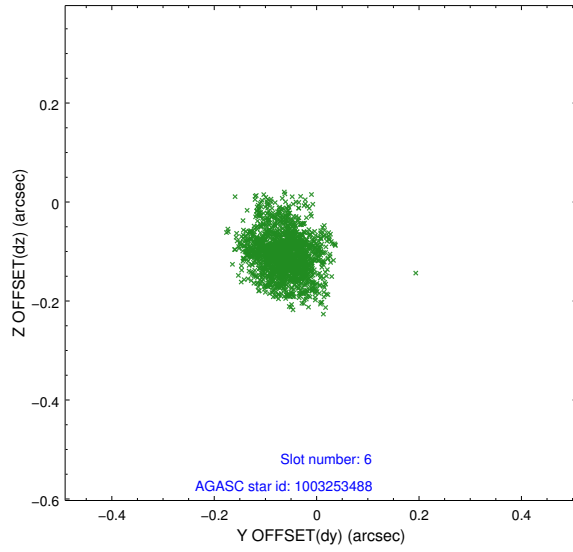
2.4.2 Slot 4



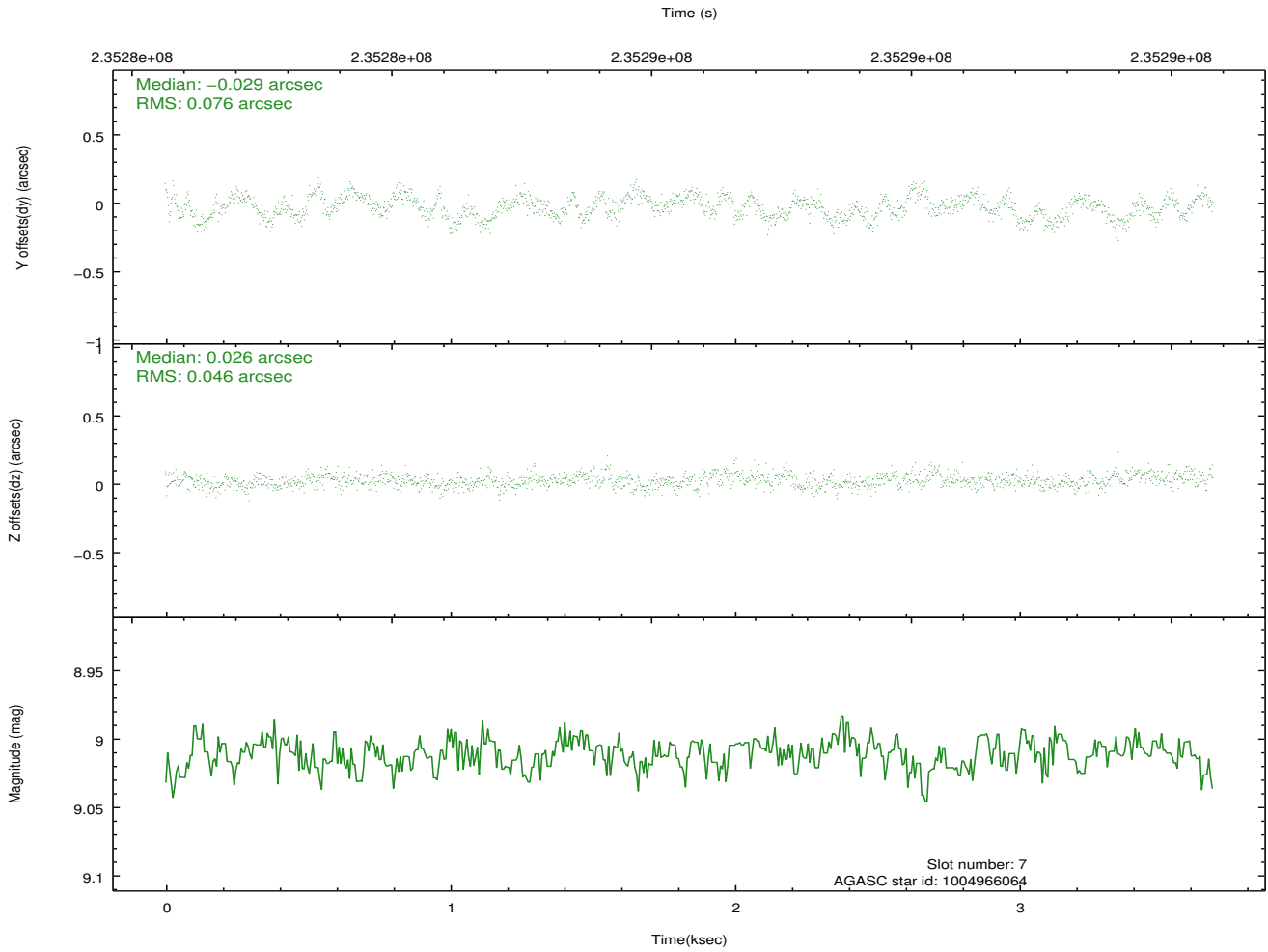
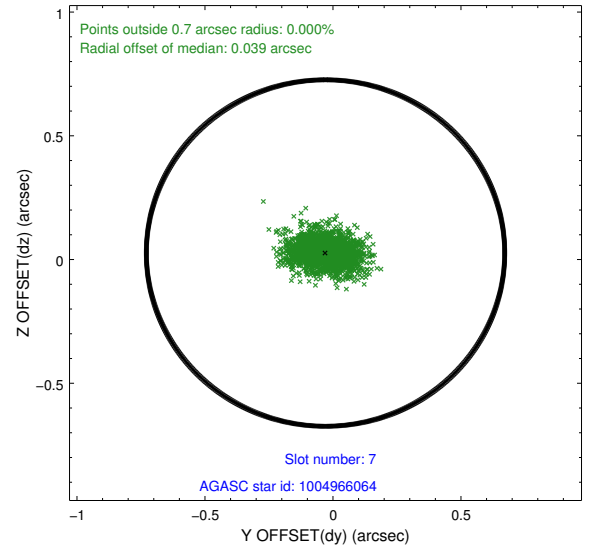
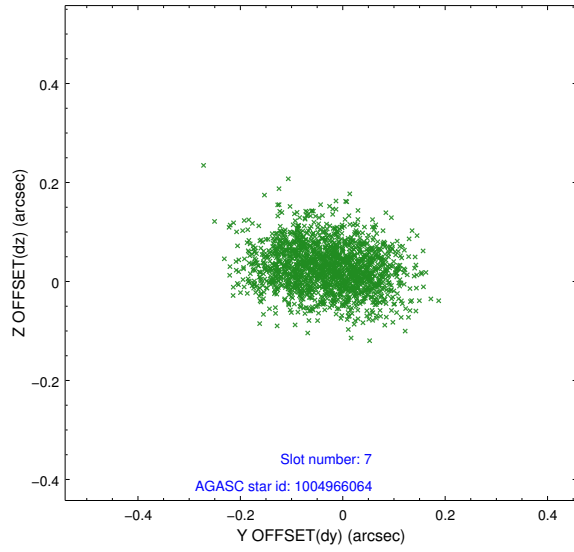
2.4.3 Slot 5



2.4.4 Slot 6

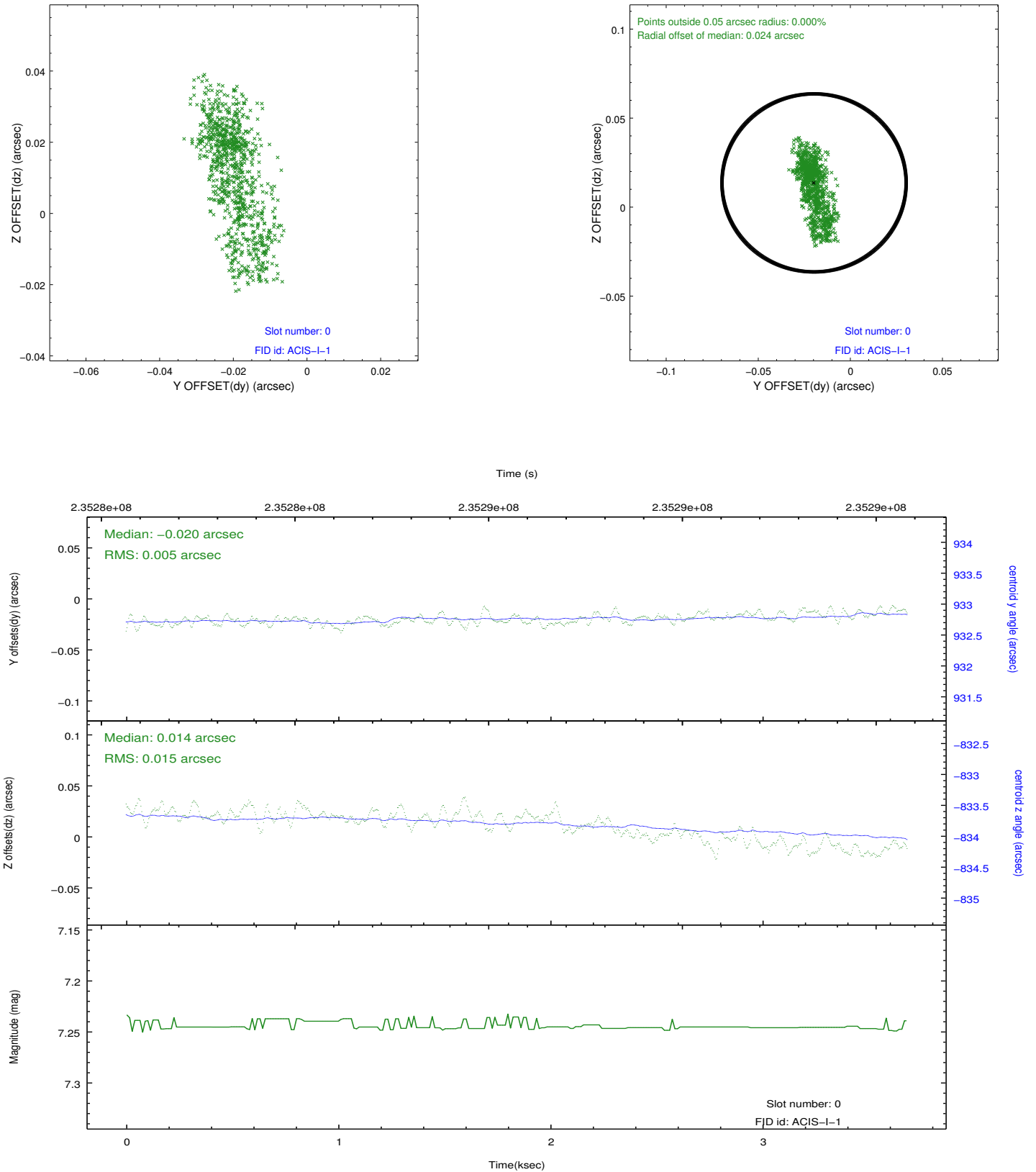


2.4.5 Slot 7

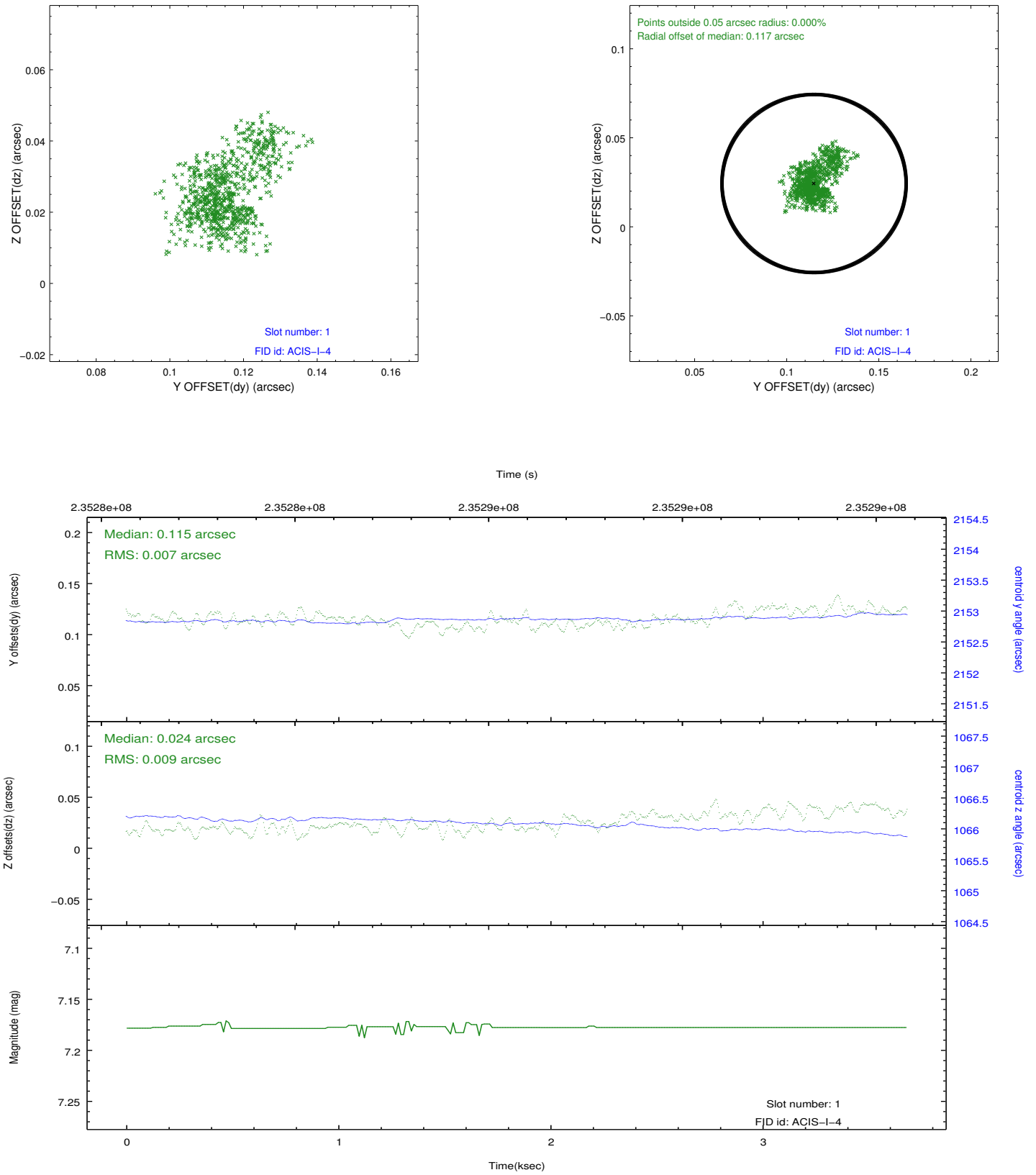


2.5 FID Slots

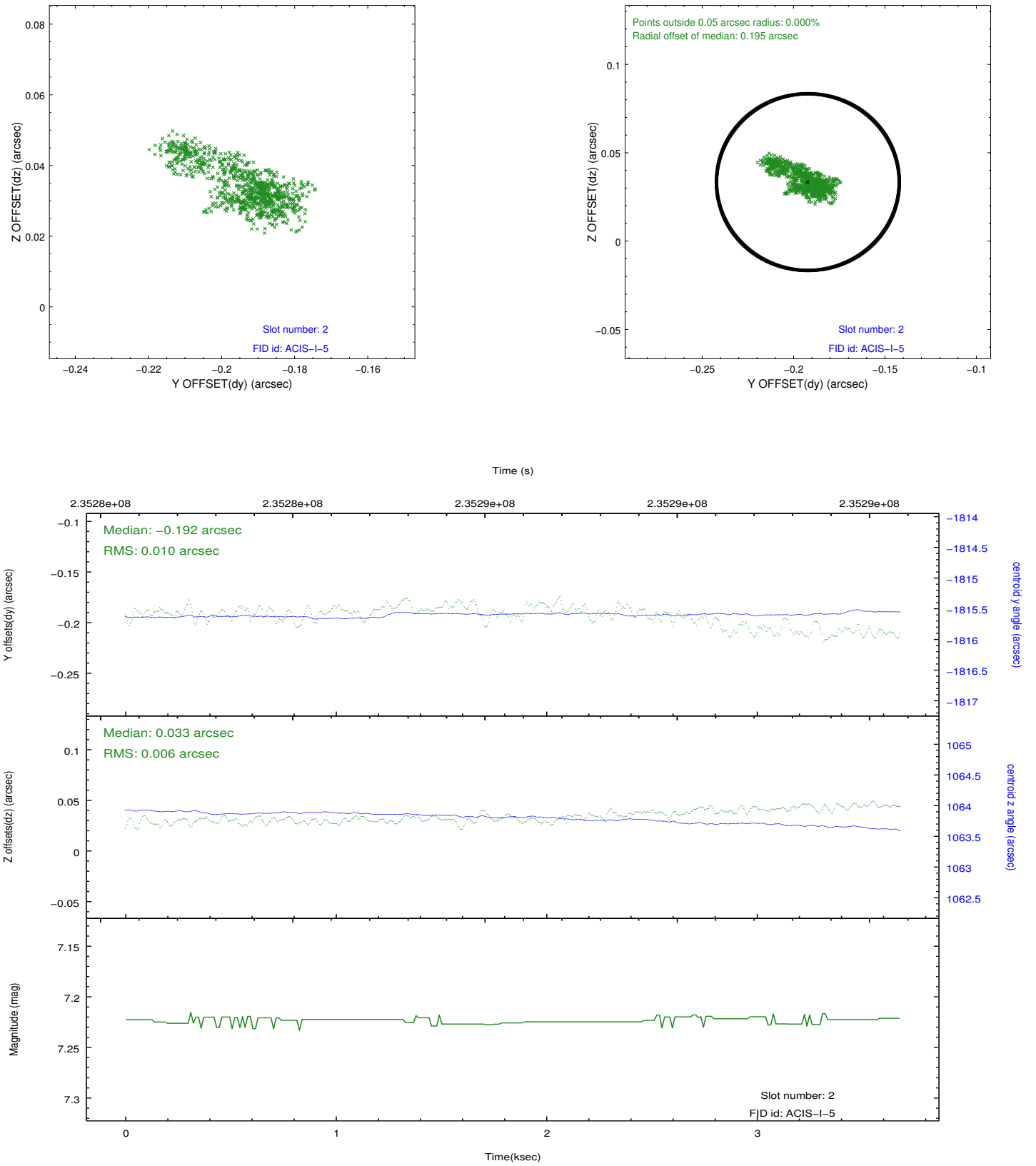
2.5.1 Slot 0



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)	2013.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.257599

A.2 Comments