

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3434 - L2 Version 3
Chandra X-Ray Center

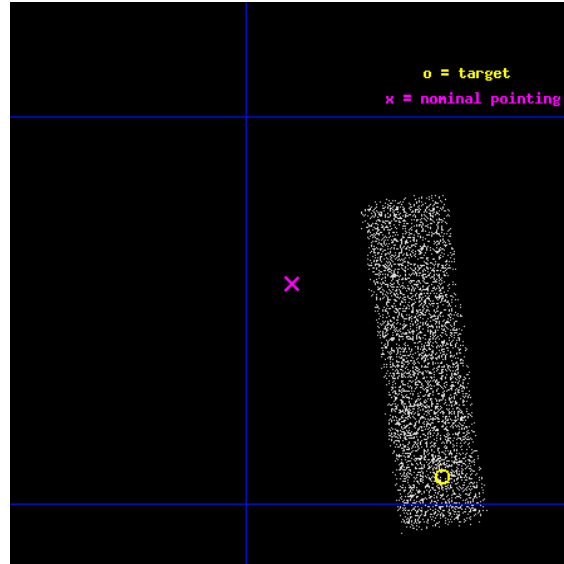
L2 Processing Date : Oct 2 2012

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1 Front

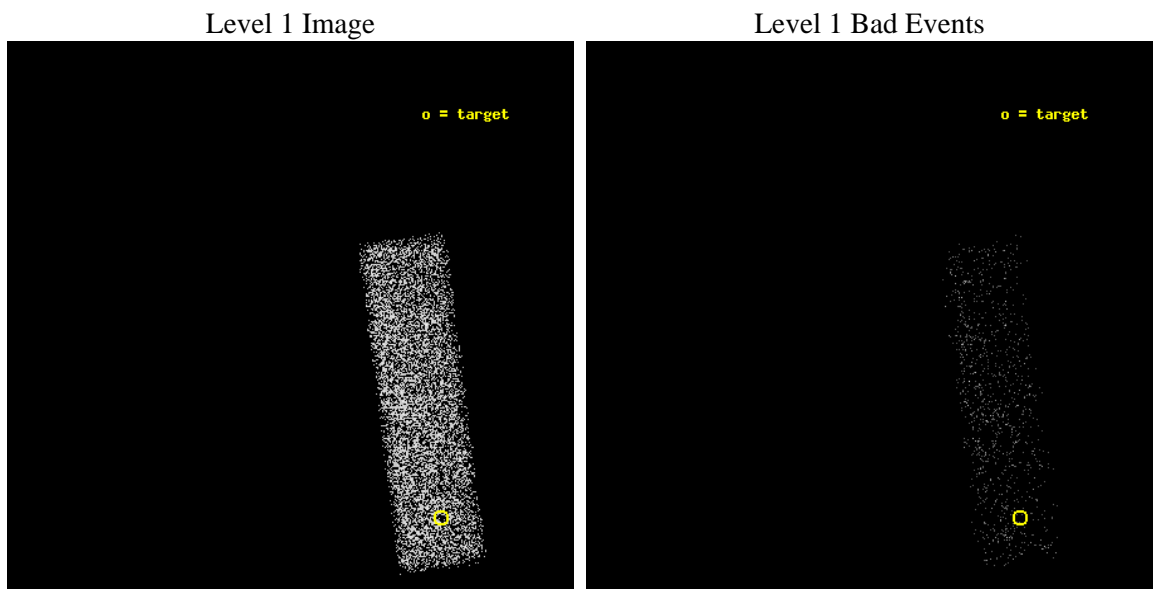
seq_num	300087	Sequence number
obs_id	3434	Observation id
title	TOO OBSERVATIONS OF THE RECURRENT NOVA IM NORMAE IN OUTBURST	Propo
observer	Regents' Professor Sumner Starrfield	Principal investigator
object	IM NORMAE	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	234.860417	Observer's specified target RA [deg]
dec_targ	-52.321722	Observer's specified target Dec [deg]
ra_nom	234.96760904489	Nominal RA [deg]
dec_nom	-52.238751461891	Nominal Dec [deg]
roll_nom	82.712778999534	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5628.799979046	Sum of GTIs [s]
livetime	5354.1329582859	Livetime [s]
ontime7	5628.799979046	Sum of GTIs [s]
l2events	4906	Number of level 2 events



2 OBI

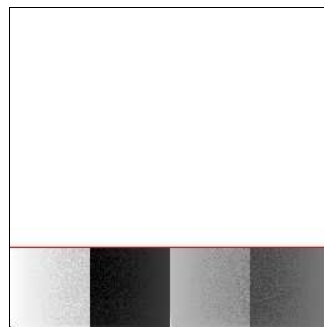
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5628.799979046	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5628.799979046	Sum of GTIs [s]
date	2012-10-02T04:58:17	Date and time of file creation	l1events	11249	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

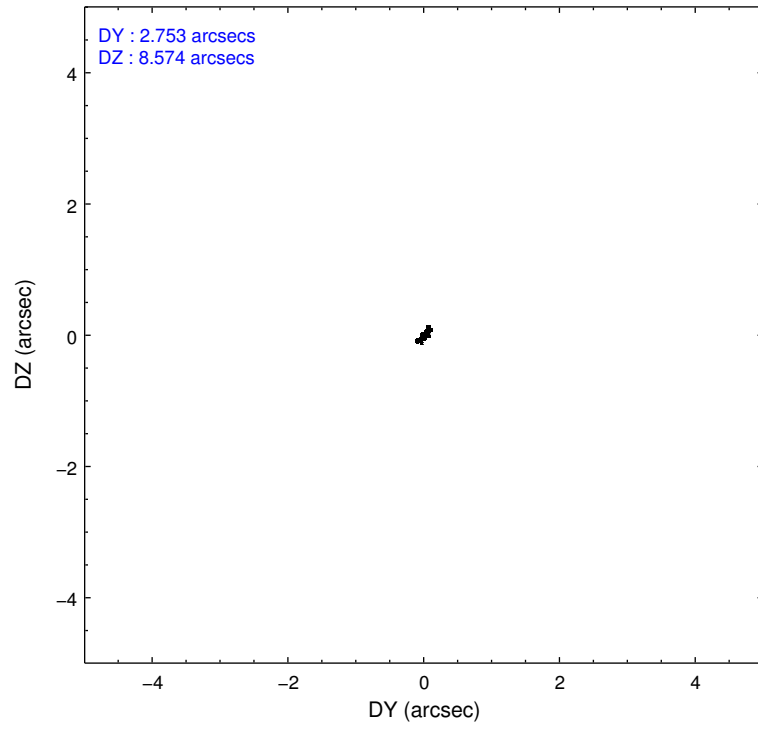
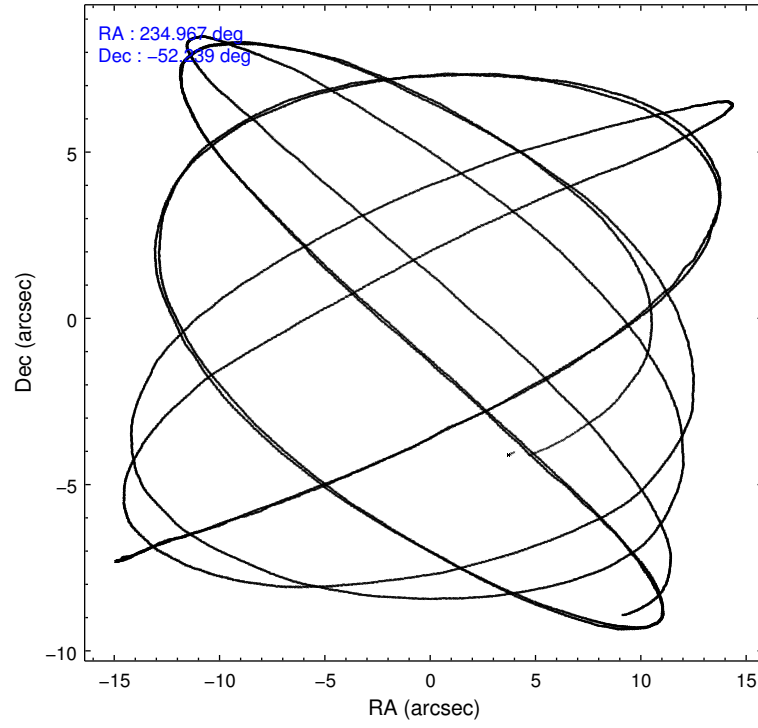
	ccd 7
level 1 events	11249
rejected events	6187
rejected %	55%

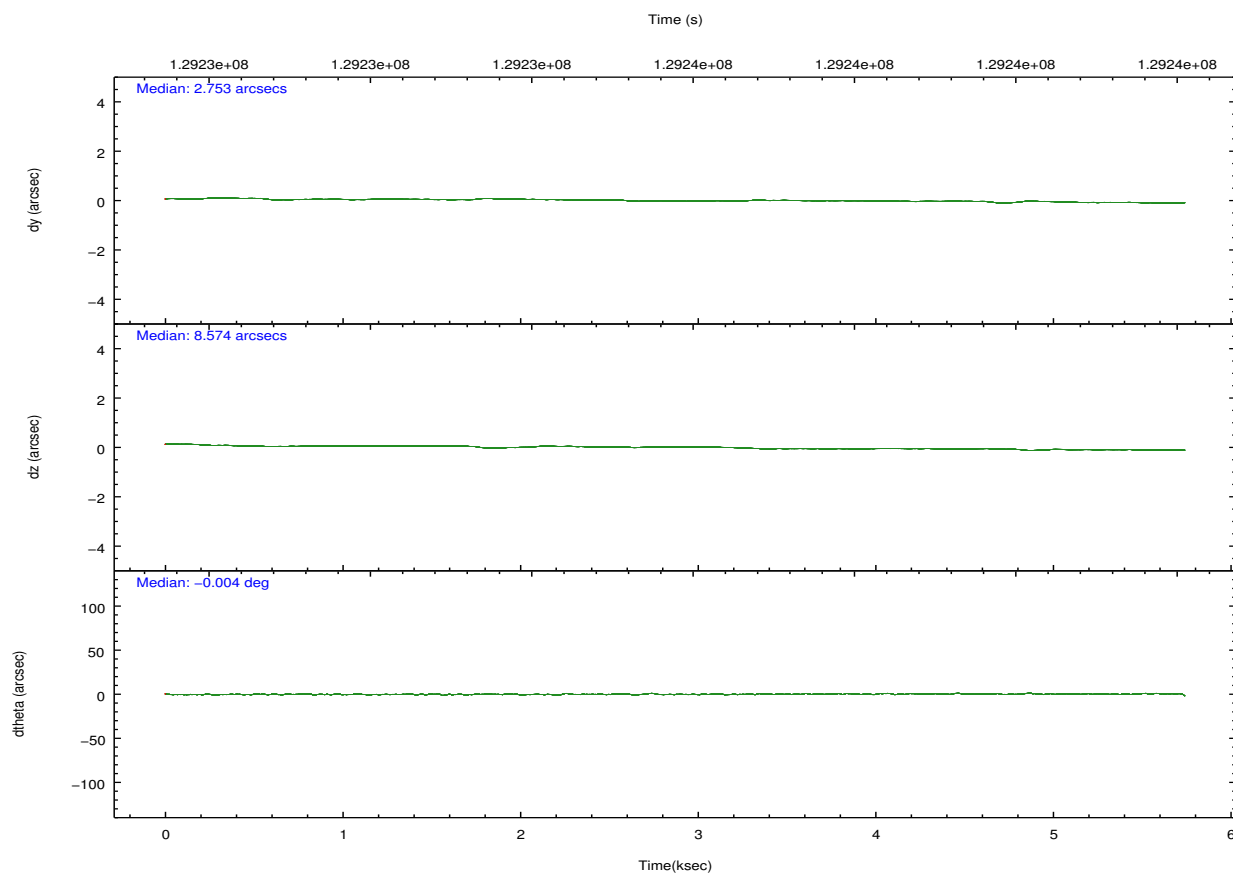
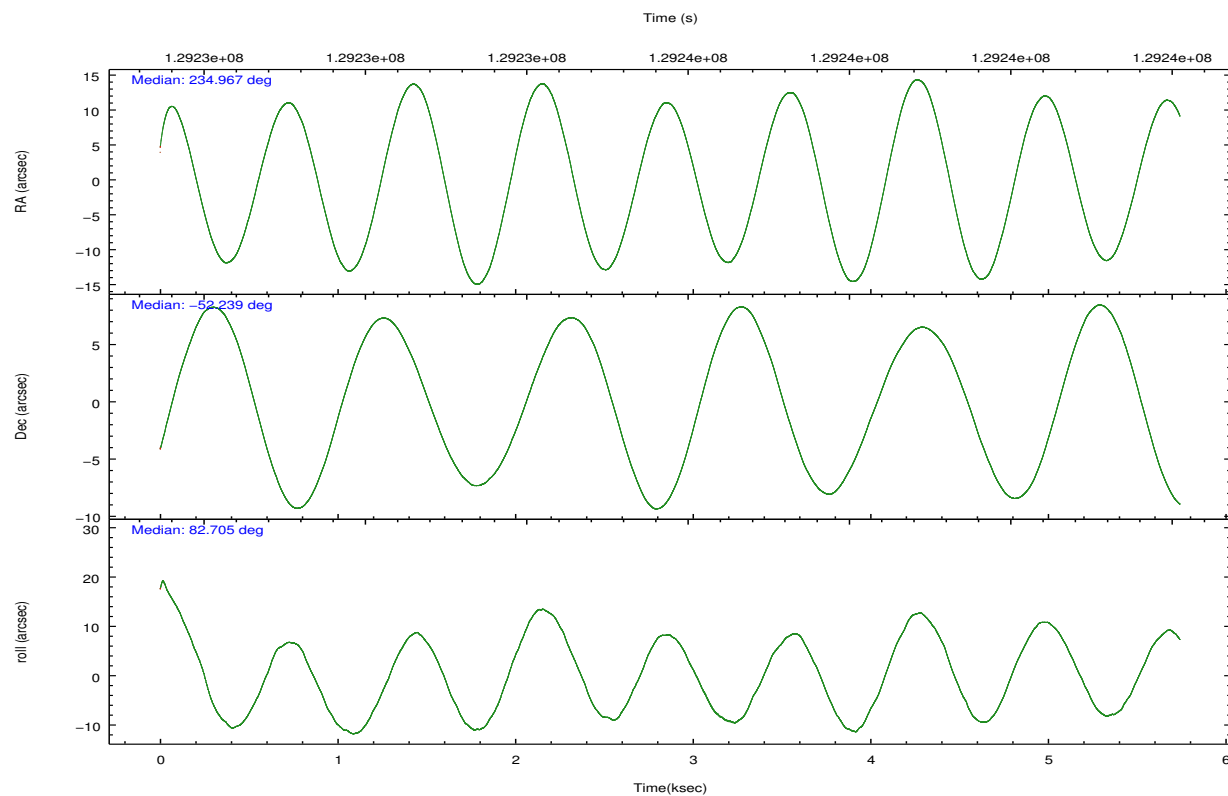
	ccd 7
grade 0 events	477
	4%
grade 1 events	12
	0%
grade 2 events	957
	8%
grade 3 events	594
	5%
grade 4 events	556
	4%
grade 5 events	1010
	8%
grade 6 events	2479
	22%
grade 7 events	5164
	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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	234.985256	234.967609044889	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-52.263833	-52.23875146189076	Subarray start row	1	1
[deg] Pointing Roll	82.570094	82.71277899953408	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	129232956.184000	129231623.33263			
Observation start date	2002-02-04T18:01:32	2002-02-04T17:40:23			
[s] Observation end time (MET)	129237756.184000	129238318.6329			
Observation end date	2002-02-04T19:21:32	2002-02-04T19:31:58			
Read mode	TIMED	TIMED			

2.3 Aspect



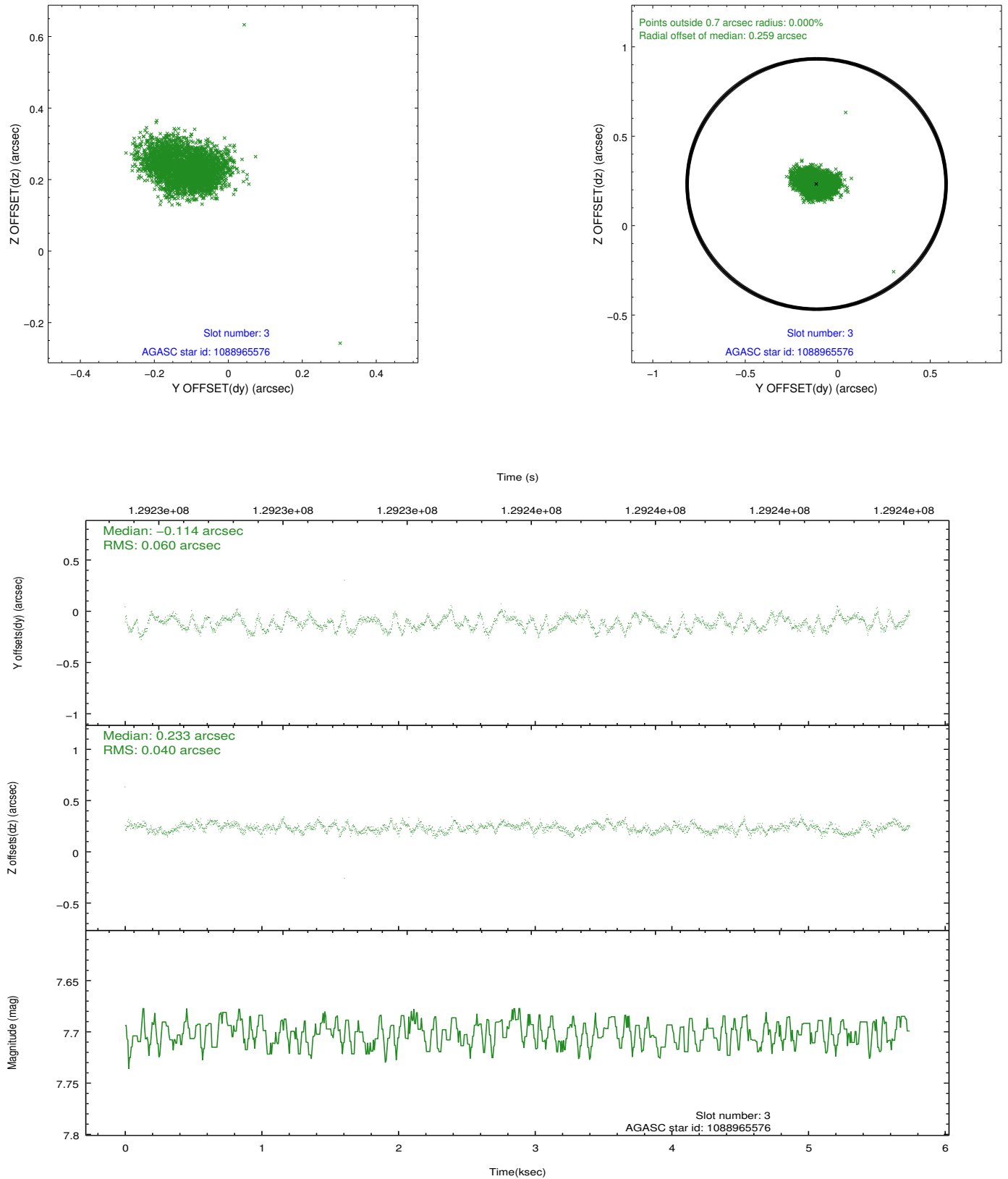


Slot Statistics

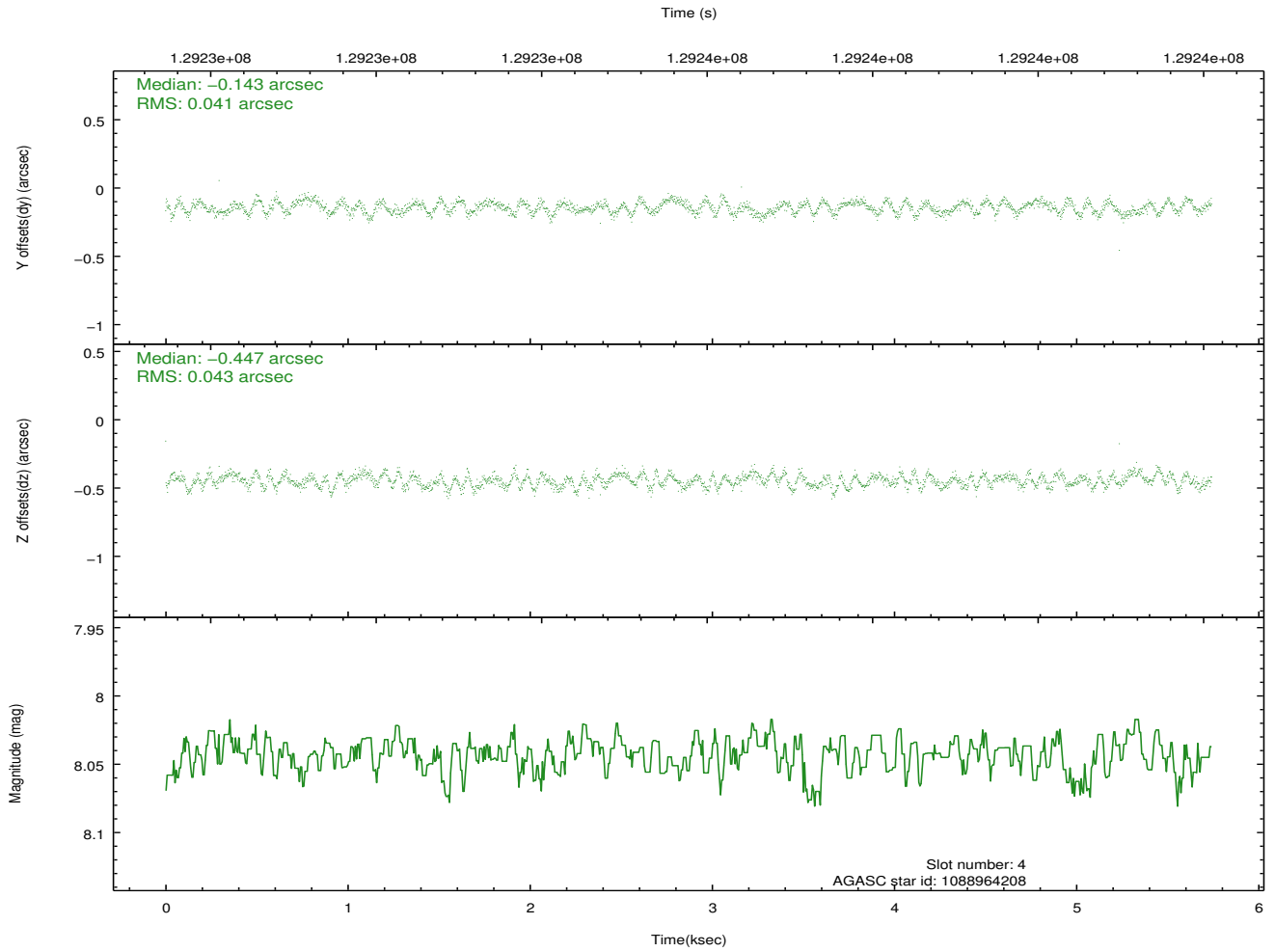
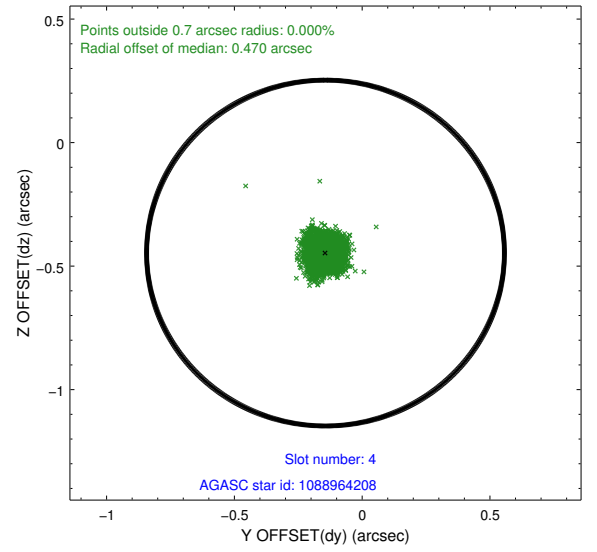
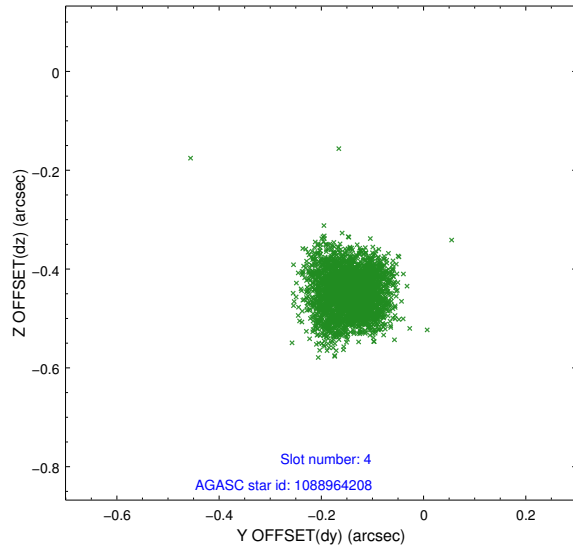
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1401	-0.009	0.001	0.007	0.010	0.000000	0.000000	-755.40	-1729.77
1	FID	ACIS-S-4	7.20	1401	-0.051	0.004	0.005	0.010	0.000000	0.000000	2157.36	177.64
2	FID	ACIS-S-5	7.24	1401	0.029	0.004	0.007	0.011	0.000000	0.000000	-1806.87	172.50
3	GUIDE	1088965576	7.70	2801	-0.114	0.233	0.076	0.117	236.015062	-51.904732	1561.25	-2102.91
4	GUIDE	1088964208	8.04	2802	-0.143	-0.447	0.063	0.097	233.978451	-51.890881	1026.31	2388.28
5	GUIDE	1088951384	8.14	2801	0.094	0.144	0.058	0.094	235.194960	-52.473439	-689.46	-553.11
6	GUIDE	1139811056	8.81	2796	0.251	-0.096	0.078	0.129	234.319089	-52.747445	-1921.55	1212.72
7	GUIDE	1088962448	9.63	2797	-0.091	0.168	0.106	0.169	235.981964	-51.763869	2055.77	-1970.78

2.4 Star Slots

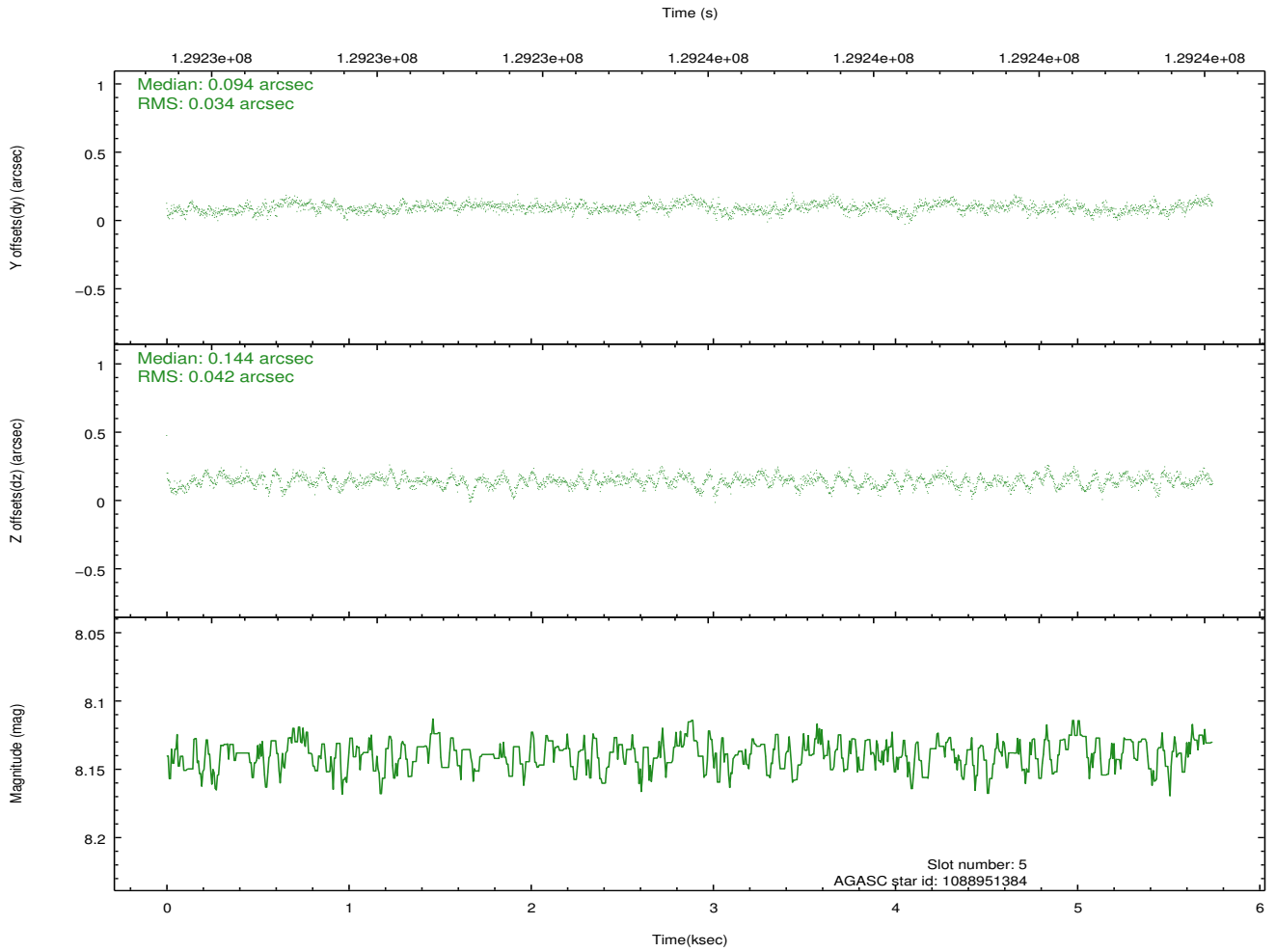
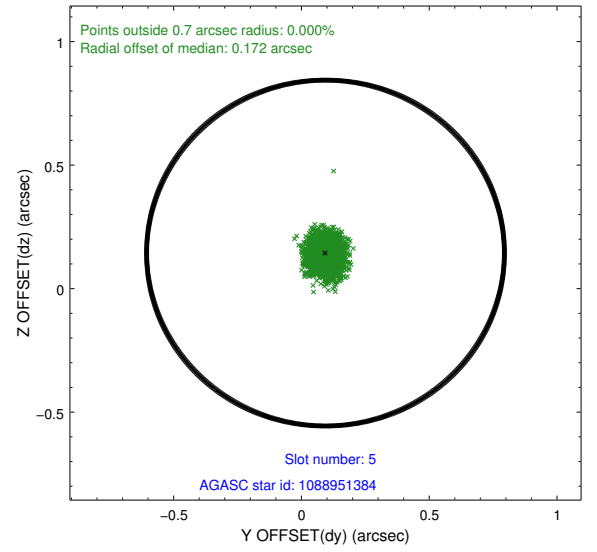
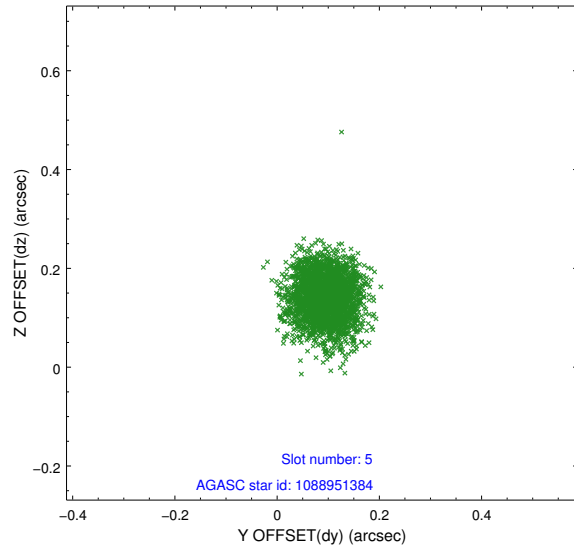
2.4.1 Slot 3



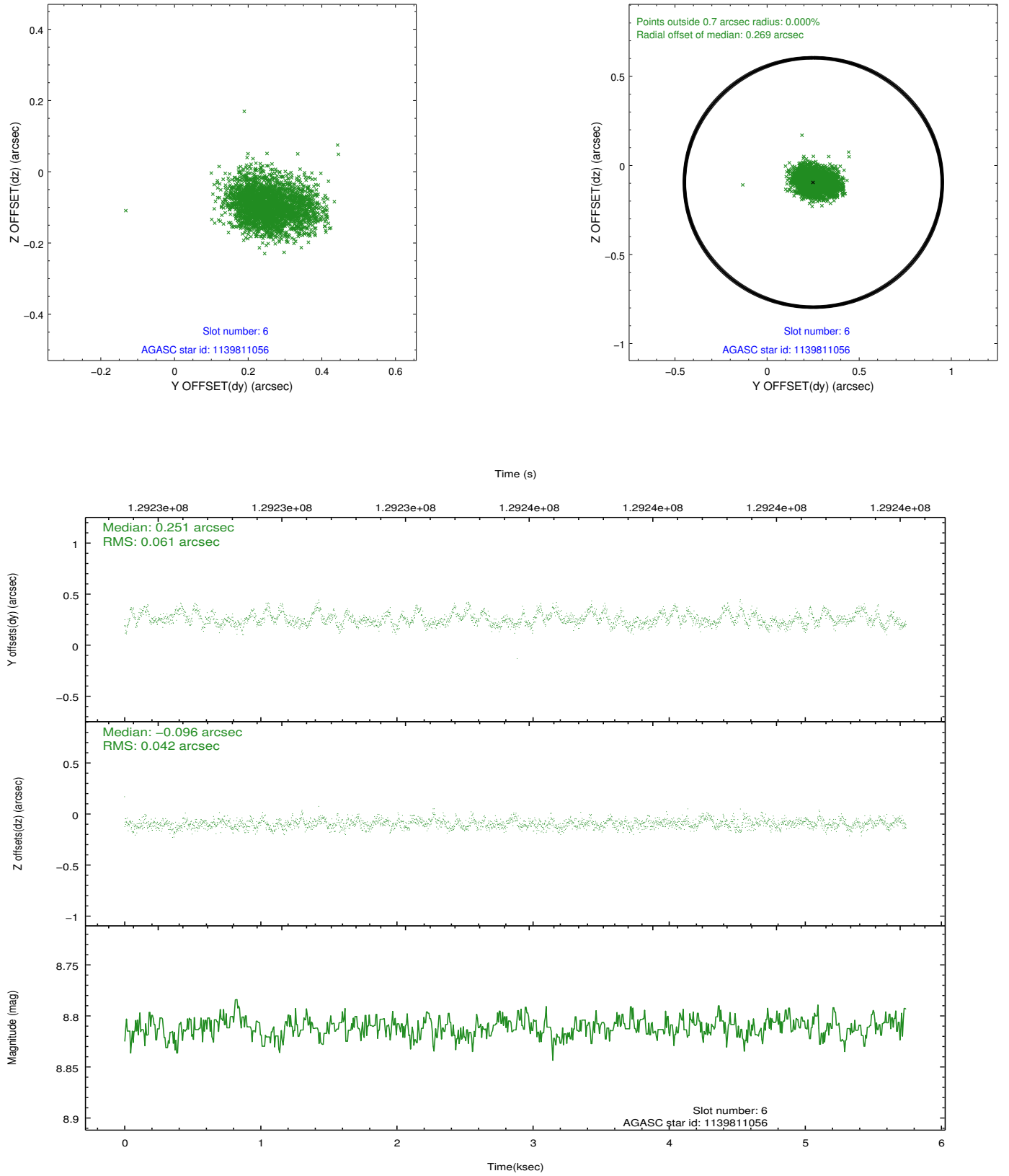
2.4.2 Slot 4



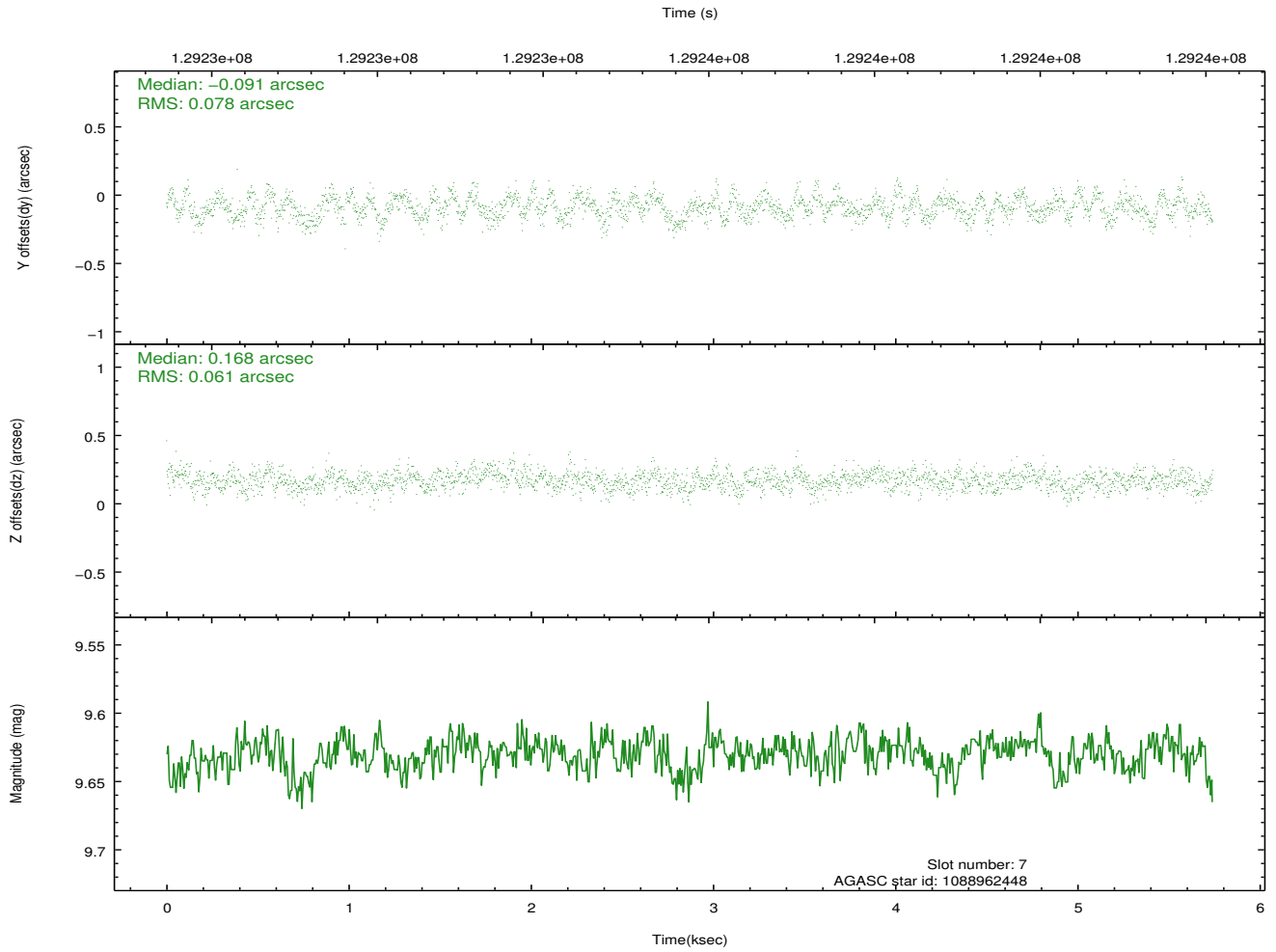
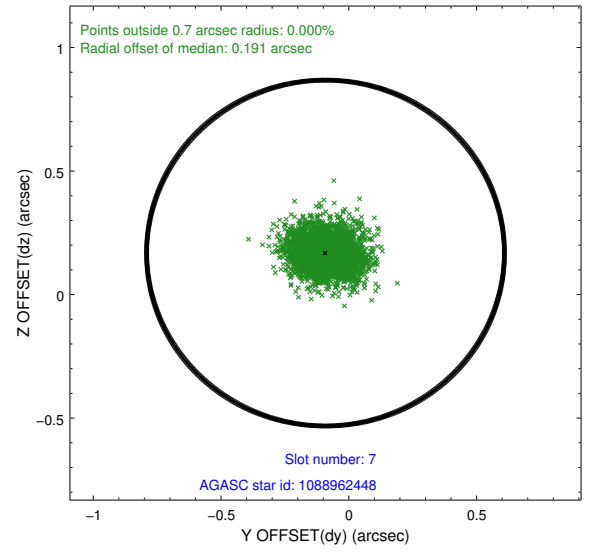
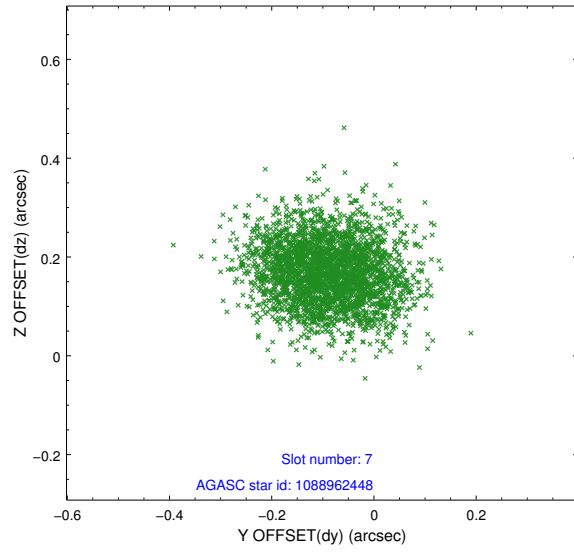
2.4.3 Slot 5



2.4.4 Slot 6

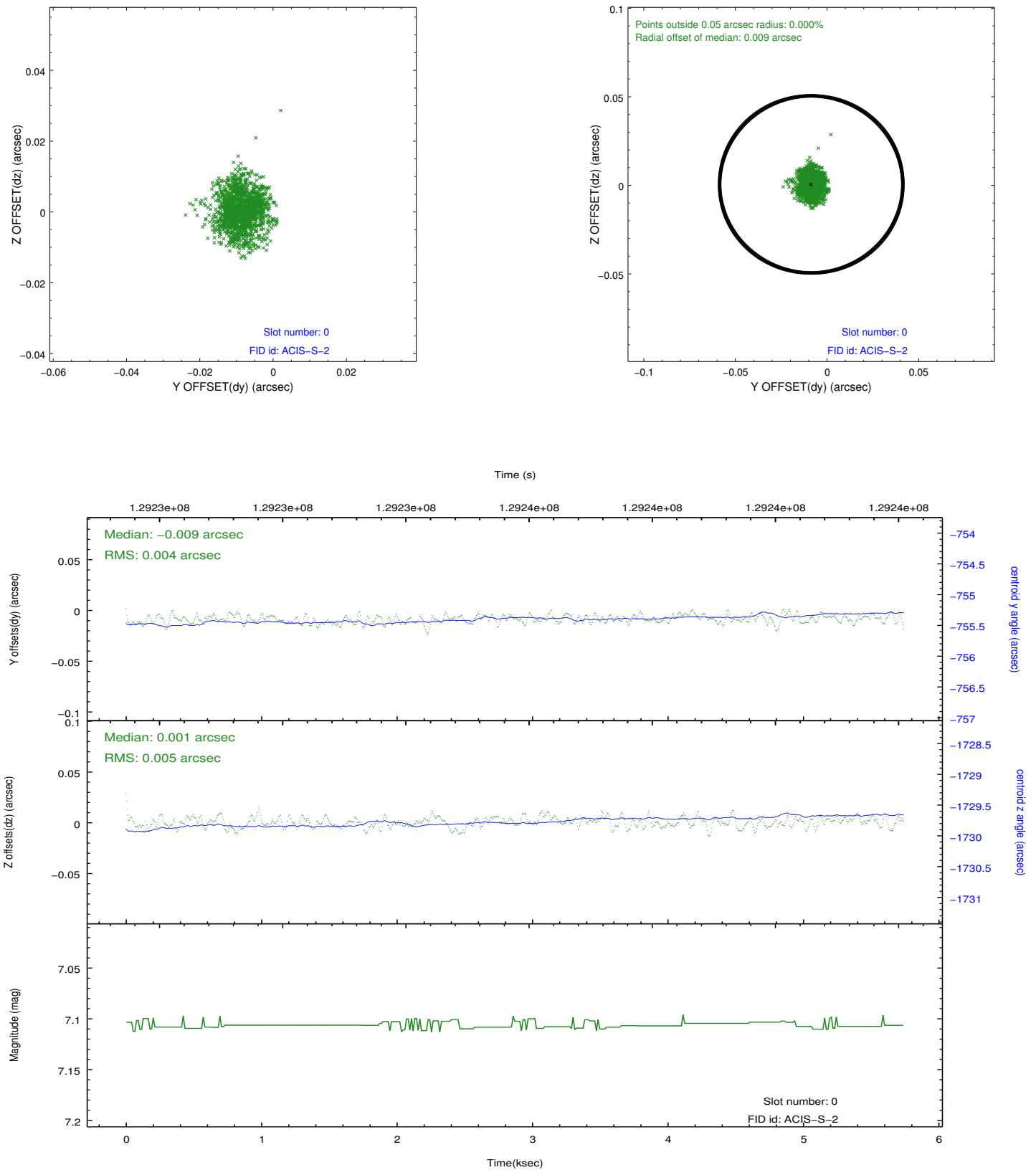


2.4.5 Slot 7

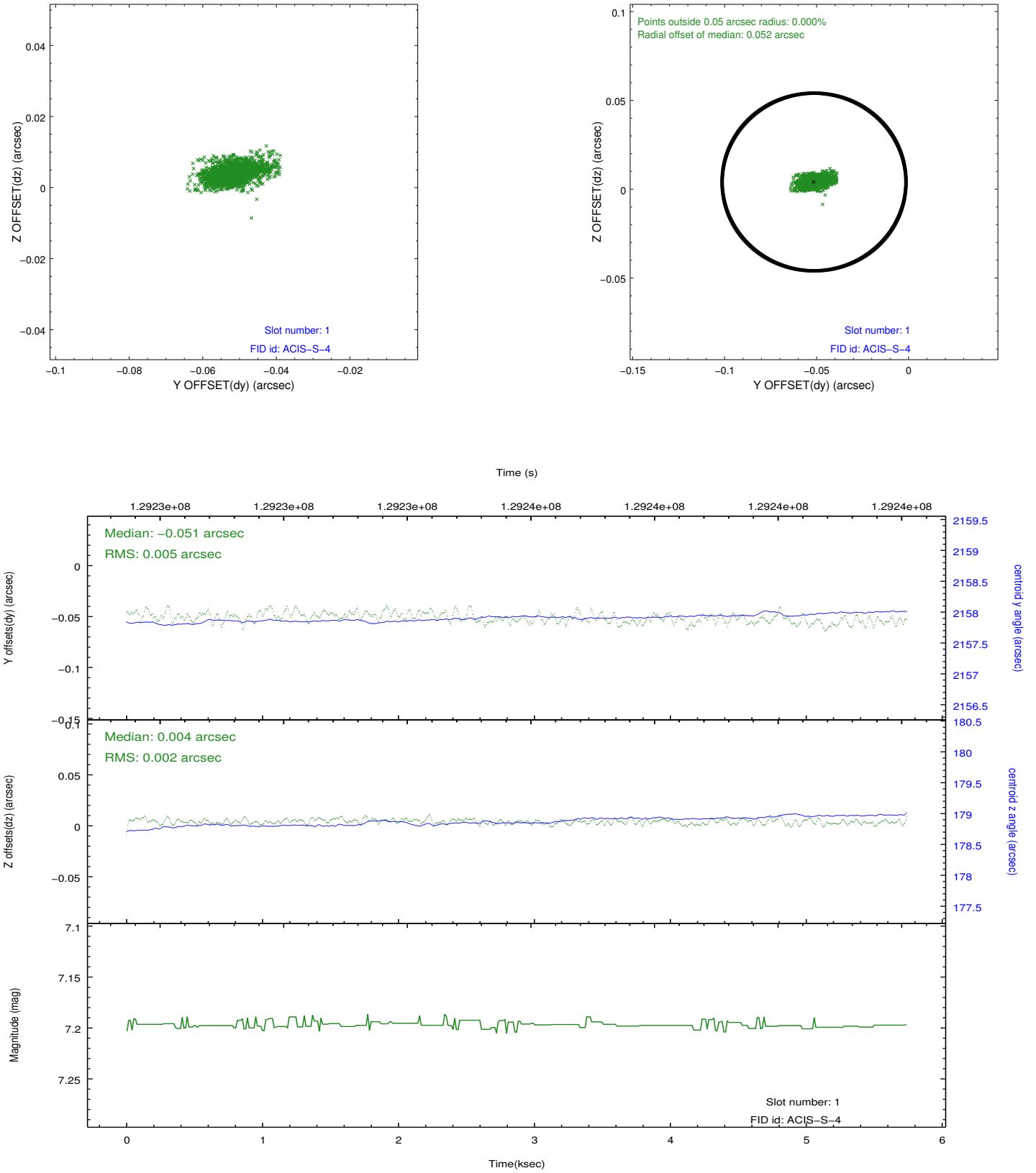


2.5 FID Slots

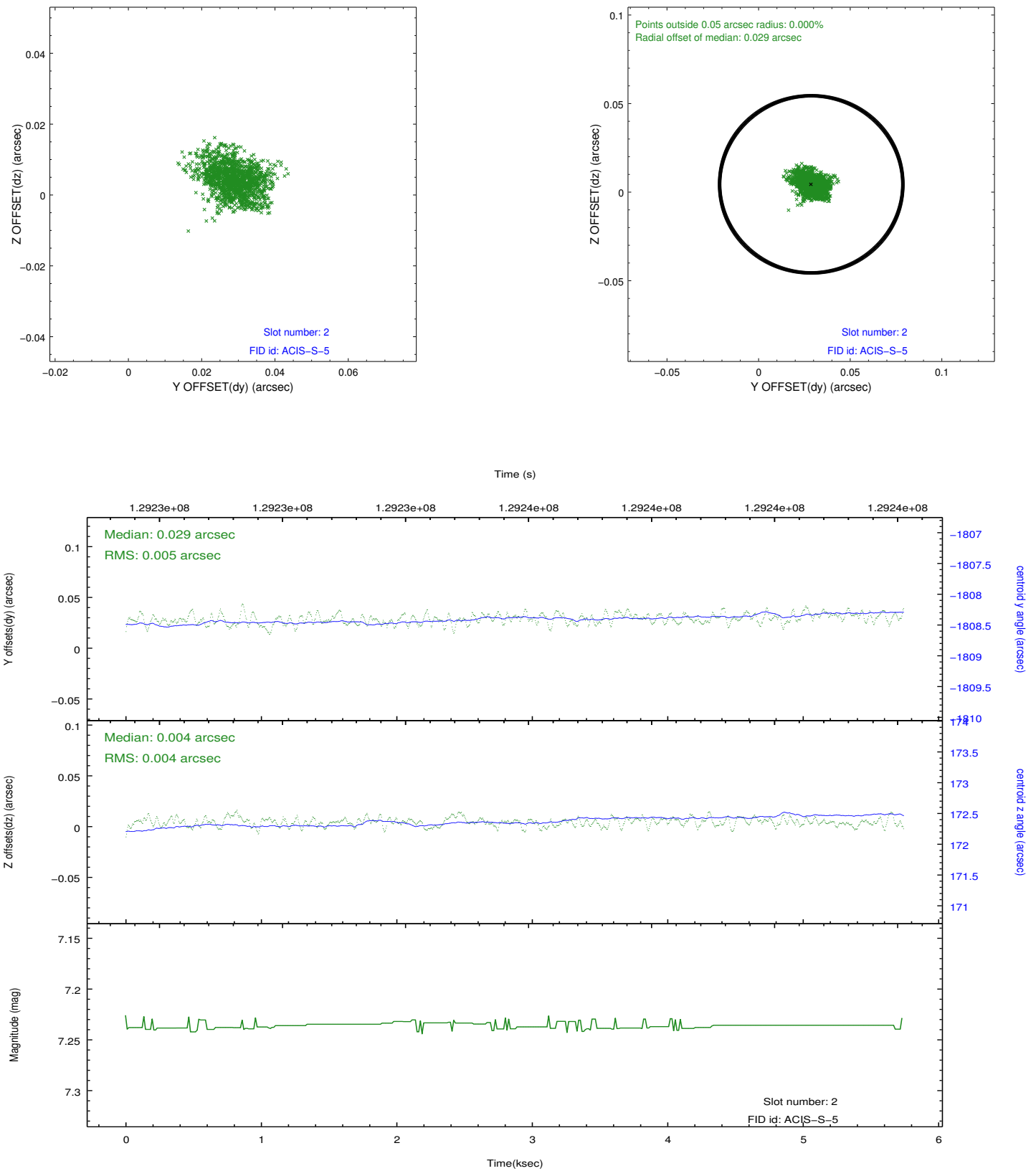
2.5.1 Slot 0



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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.629

A.2 Comments