

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5794 - L2 Version 3
Chandra X-Ray Center

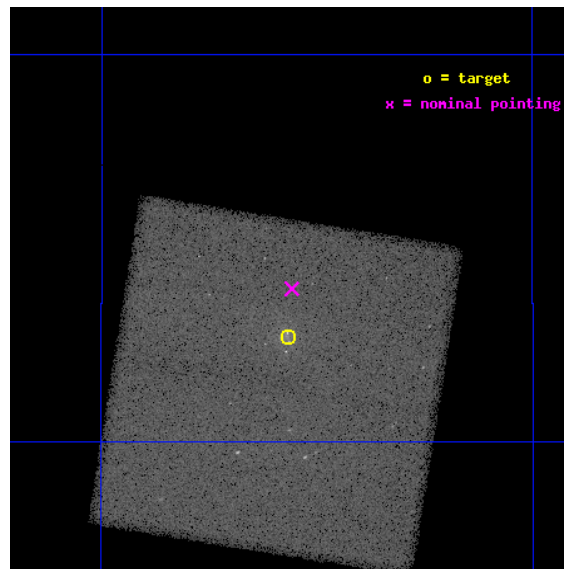
L2 Processing Date : Dec 16 2012

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1 Front

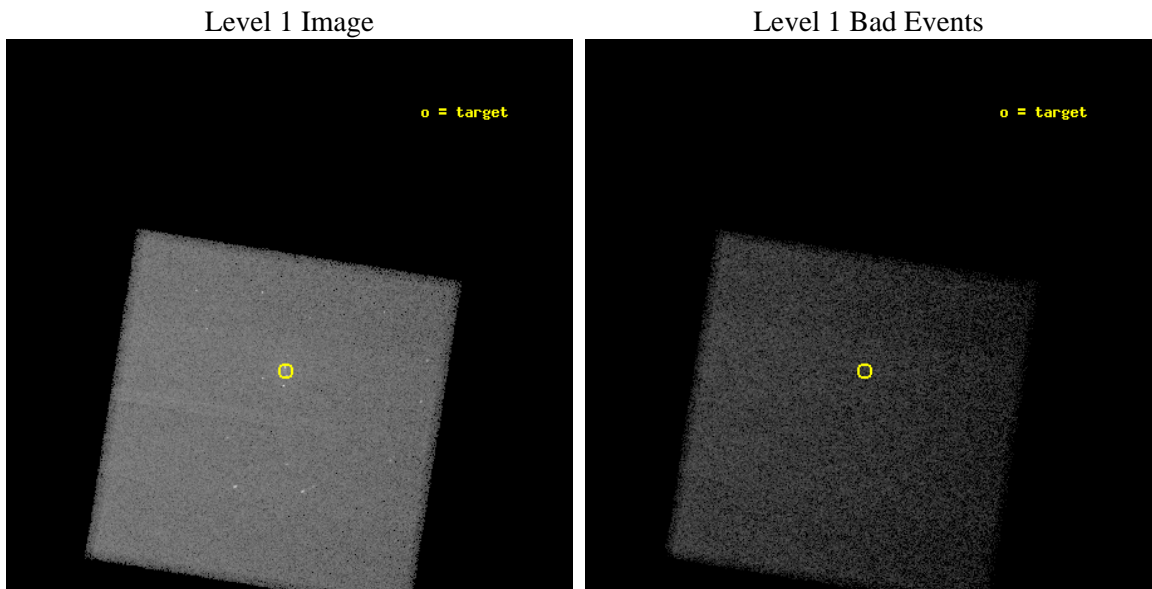
seq_num	800507	Sequence number
obs_id	5794	Observation id
title	Chandra study of the first strong-lens selected cluster of galaxies and the lens system	Proposal title
observer	Mr. Naohisa Inada	Principal investigator
object	SDSS J1004+4112	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	151.141667	Observer's specified target RA [deg]
dec_targ	41.211944	Observer's specified target Dec [deg]
ra_nom	151.13958640221	Nominal RA [deg]
dec_nom	41.232656649682	Nominal Dec [deg]
roll_nom	99.063688598186	Nominal Roll [deg]
revision	3	Processing version of data
ontime	81183.0	Sum of GTIs [s]
livetime	80087.404309052	Livetime [s]
ontime7	81183.0	Sum of GTIs [s]
l2events	260709	Number of level 2 events



2 OBI

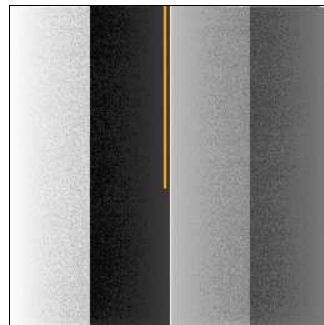
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	81000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	81183.0	Sum of GTIs [s]
caldbver	4.5.5	 	ontime7	81183.0	Sum of GTIs [s]
date	2012-12-15T22:42:10	Date and time of file creation	l1events	569633	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	569633
rejected events	301856
rejected %	52%

	ccd 7
grade 0 events	27579
	4%
grade 1 events	524
	0%
grade 2 events	54500
	9%
grade 3 events	25859
	4%
grade 4 events	25625
	4%
grade 5 events	59162
	10%
grade 6 events	137190
	24%
grade 7 events	239194
	41%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	151.162797	151.1395864022131	Subarray requested	NONE	NONE
[deg] Pointing Dec	41.211734	41.23265664968235	Alternating exposures requested	N	N
[deg] Pointing Roll	98.891770	99.06368859818643	[s] Primary exposure time	0.000000	3
[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)	221009040.184000	221007858.41575			
Observation start date	2005-01-01T23:22:56	2005-01-01T23:04:18			
[s] Observation end time (MET)	221090040.184000	221090410.89447			
Observation end date	2005-01-02T21:52:56	2005-01-02T22:00:10			
Read mode	TIMED	TIMED			

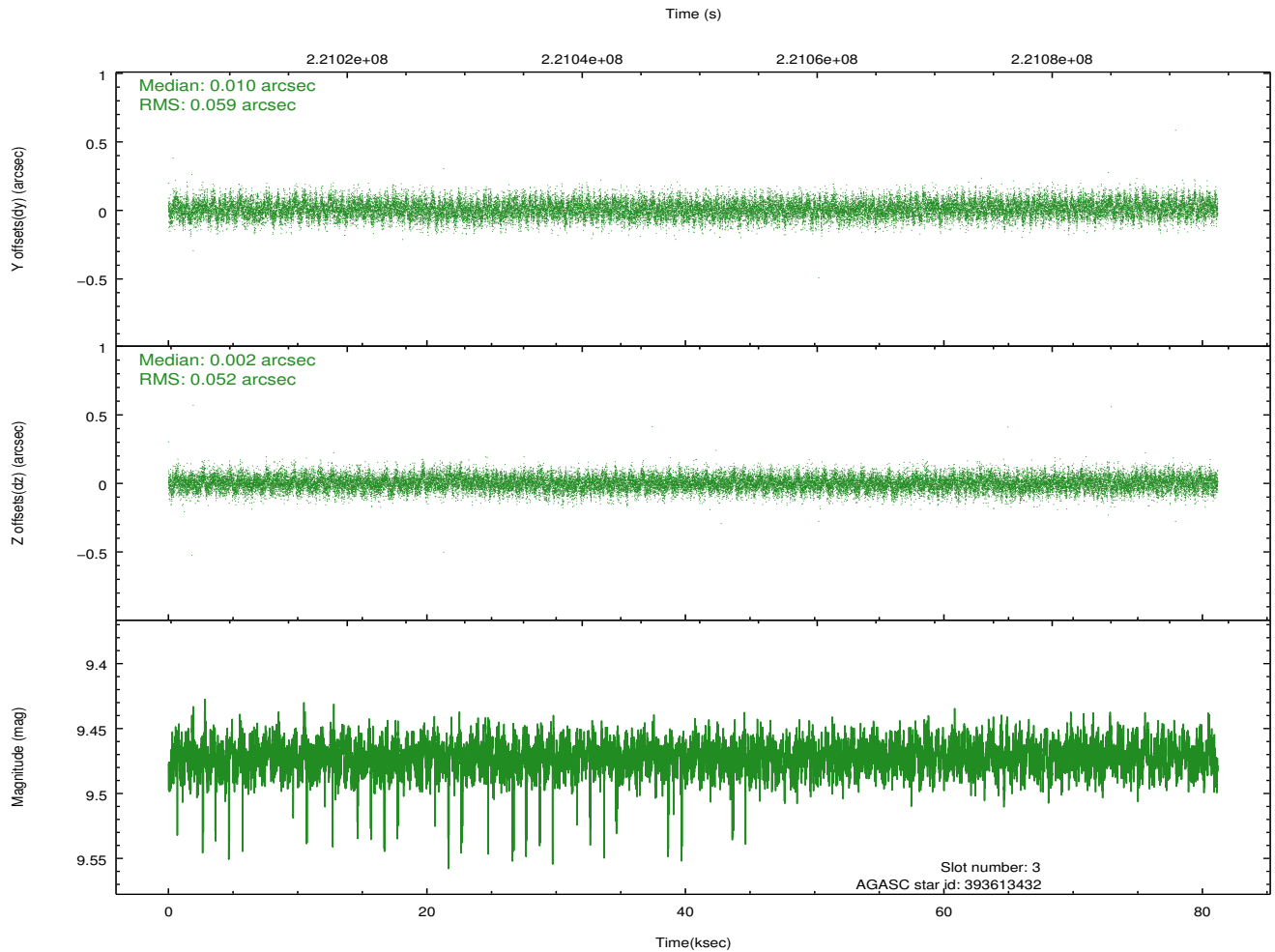
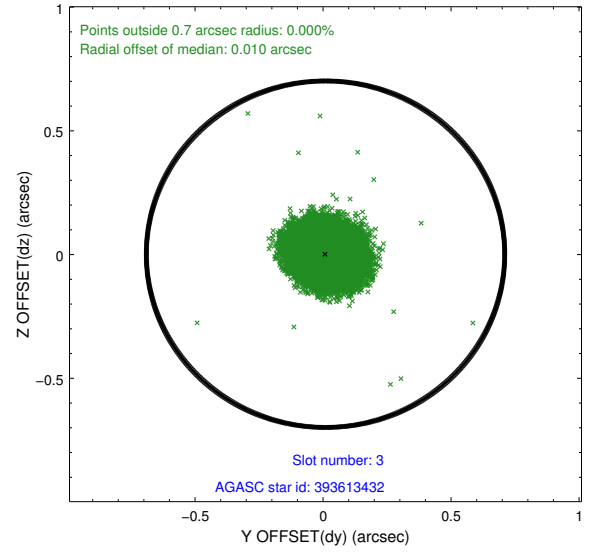
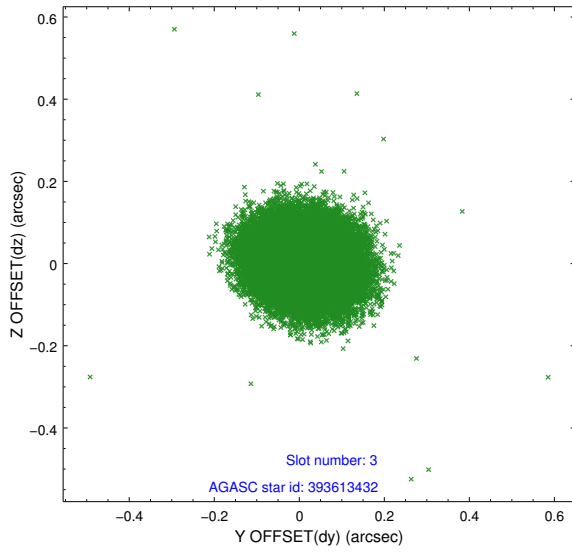
2.3 Aspect

Slot Statistics

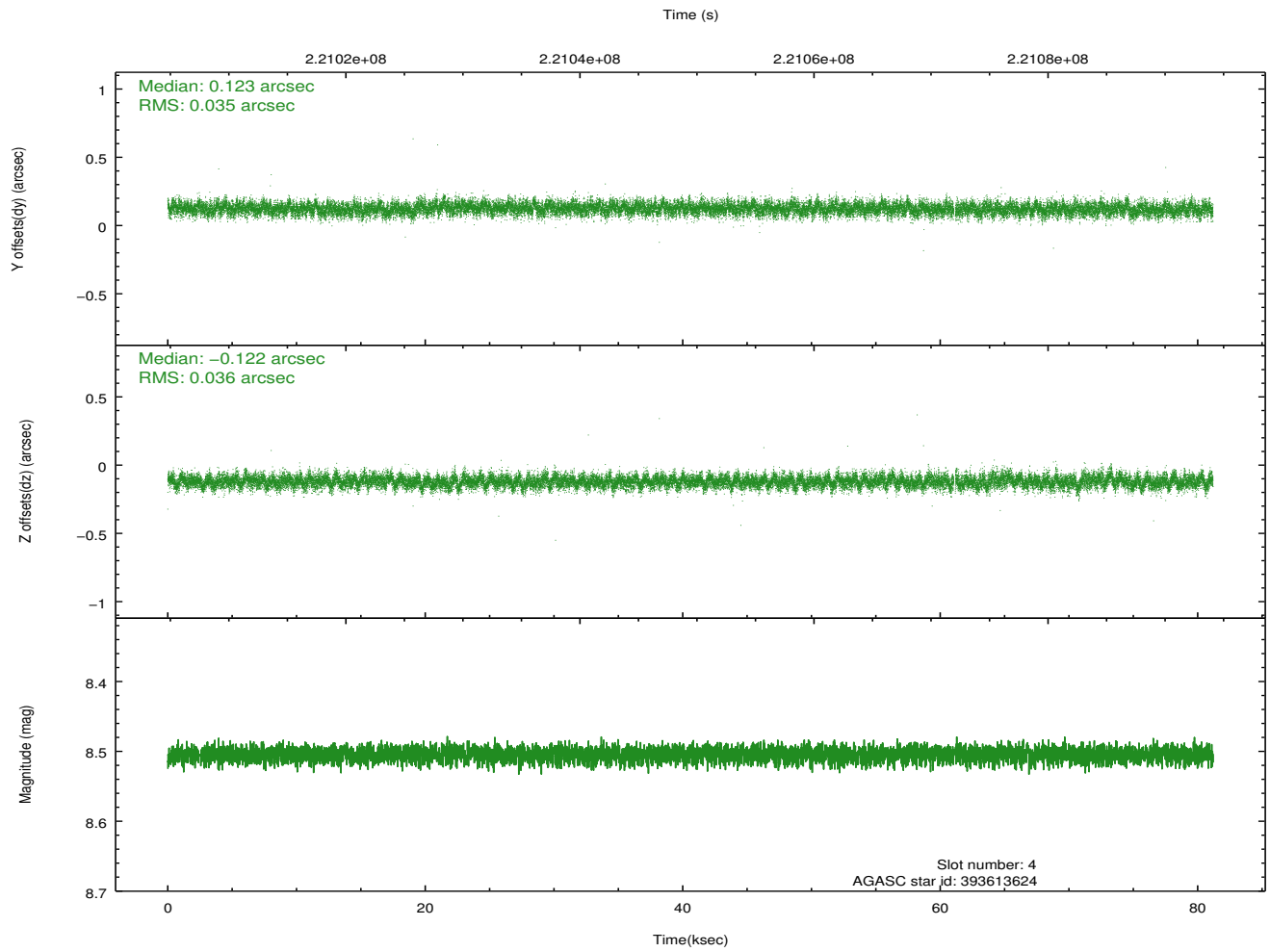
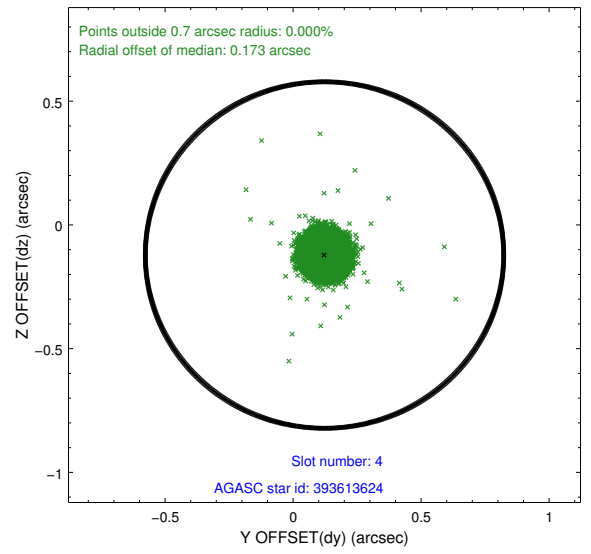
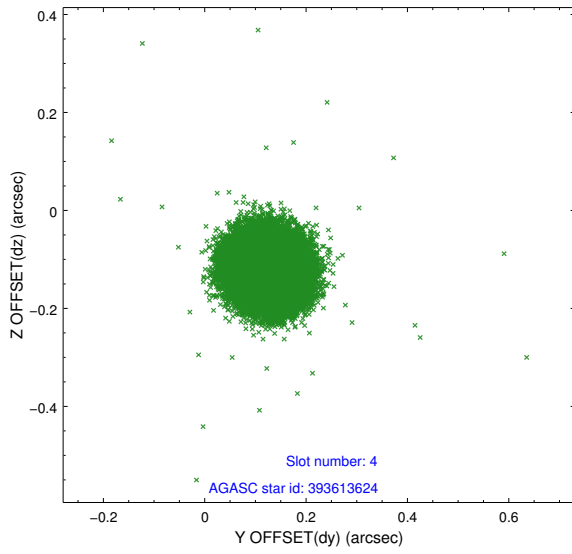
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	19801	-0.068	-0.045	0.007	0.014	0.000000	0.000000	-760.66	-1731.35
1	FID	ACIS-S-4	7.21	19799	0.070	0.032	0.007	0.012	0.000000	0.000000	2152.76	177.33
2	FID	ACIS-S-6	7.35	19799	-0.030	0.020	0.007	0.012	0.000000	0.000000	401.23	814.60
3	GUIDE	393613432	9.47	39522	0.010	0.002	0.084	0.137	151.251387	41.697805	1692.13	-505.37
4	GUIDE	393613624	8.50	39525	0.123	-0.122	0.053	0.086	151.136661	40.665270	-1932.18	374.53
5	GUIDE	393614280	9.59	39566	-0.090	0.049	0.083	0.136	151.424144	41.634728	1397.00	-929.89
6	GUIDE	393616408	9.03	39584	-0.025	-0.060	0.073	0.117	150.713966	41.346840	671.33	1122.91
7	GUIDE	393616816	8.43	39598	-0.016	0.131	0.069	0.114	151.562975	40.925077	-1185.05	-915.59

2.4 Star Slots

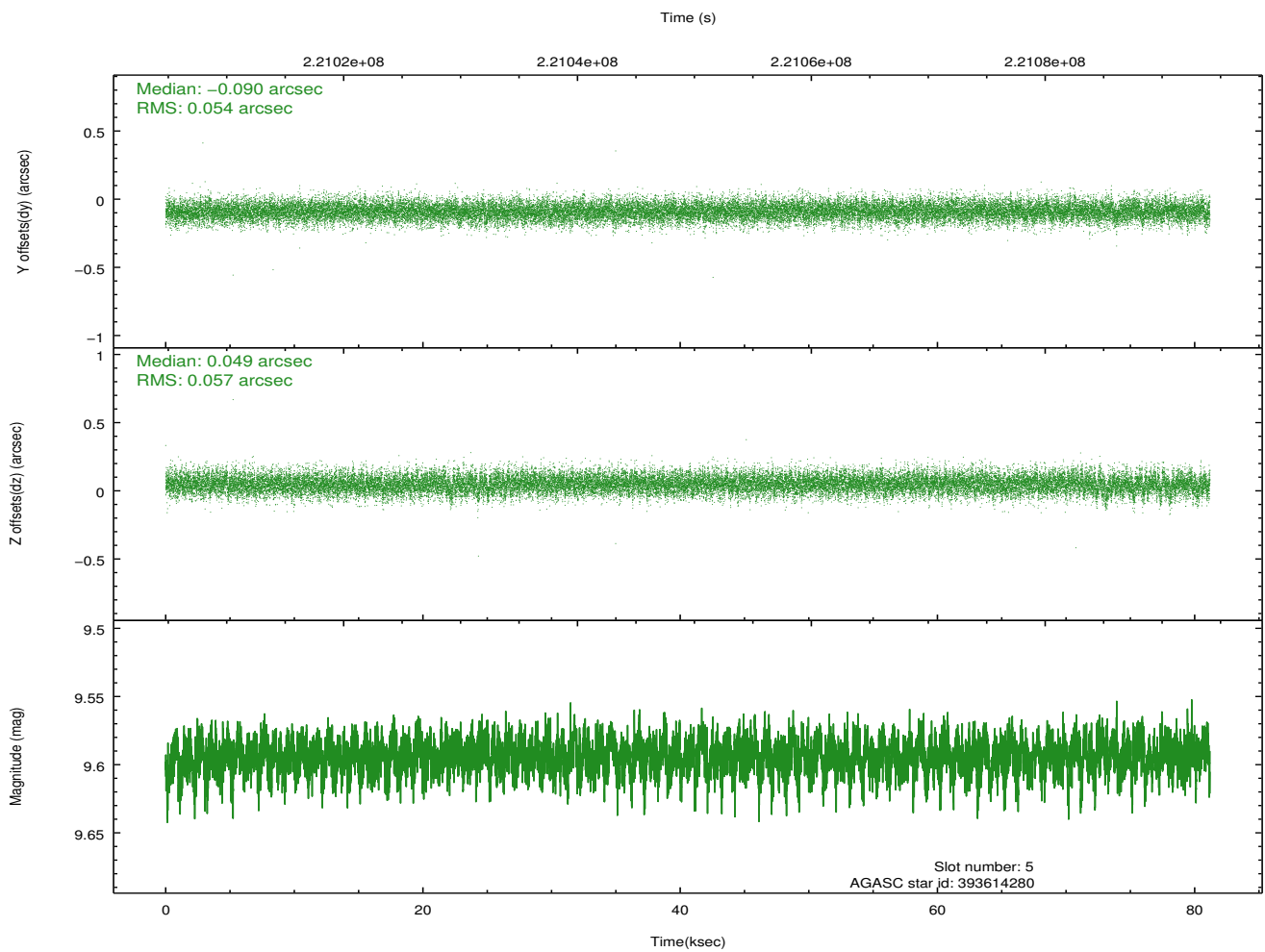
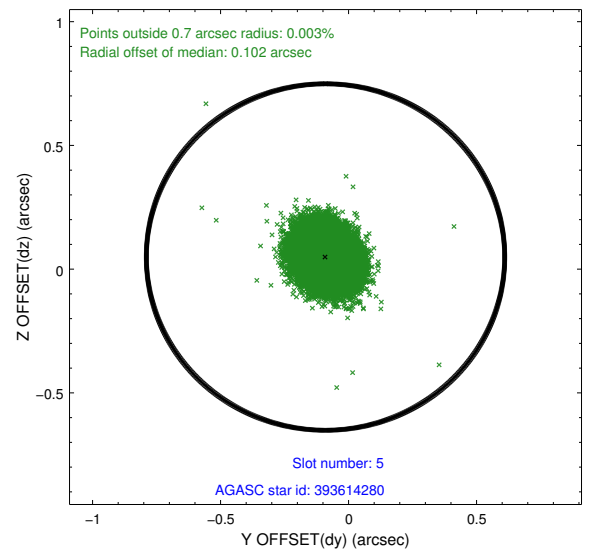
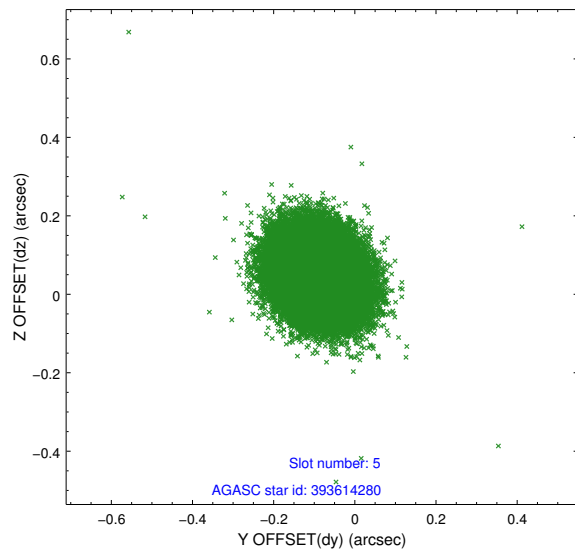
2.4.1 Slot 3



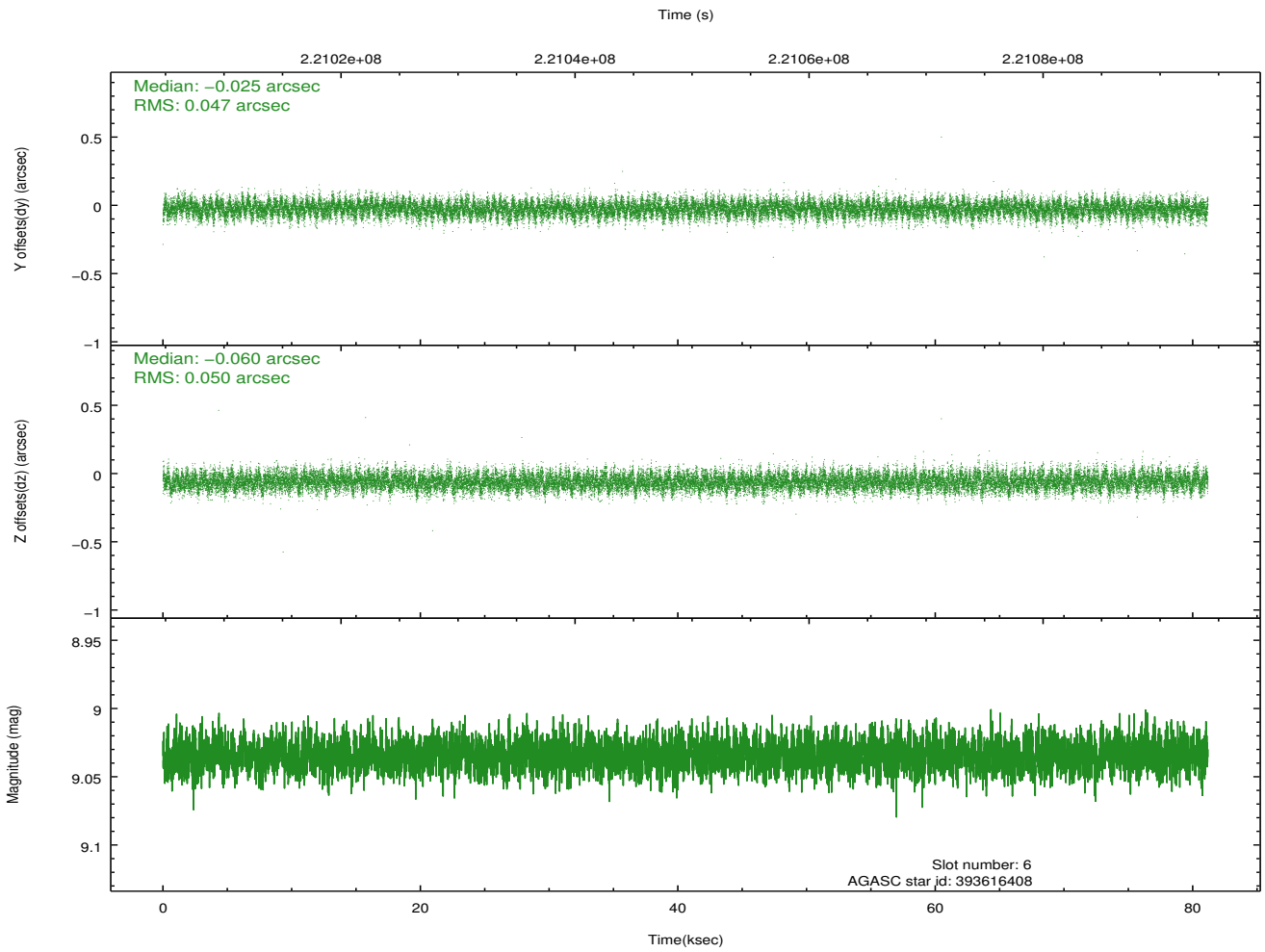
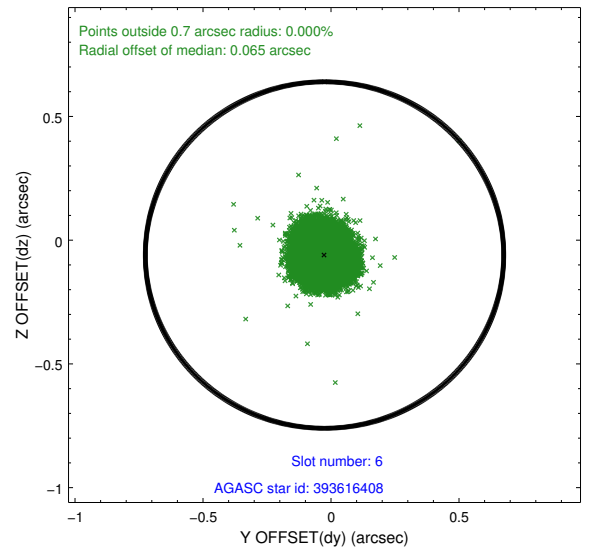
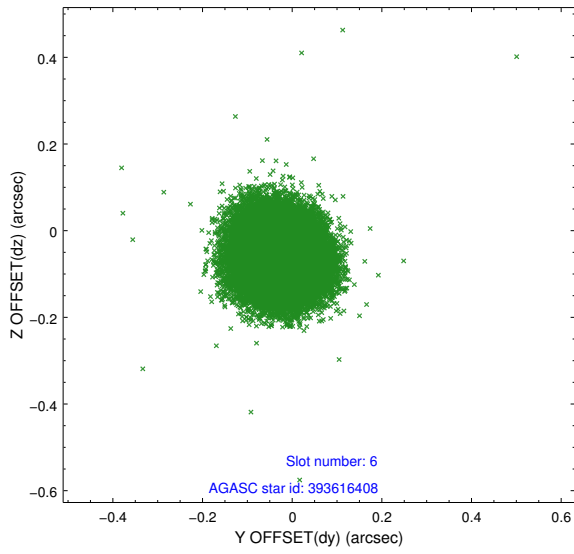
2.4.2 Slot 4



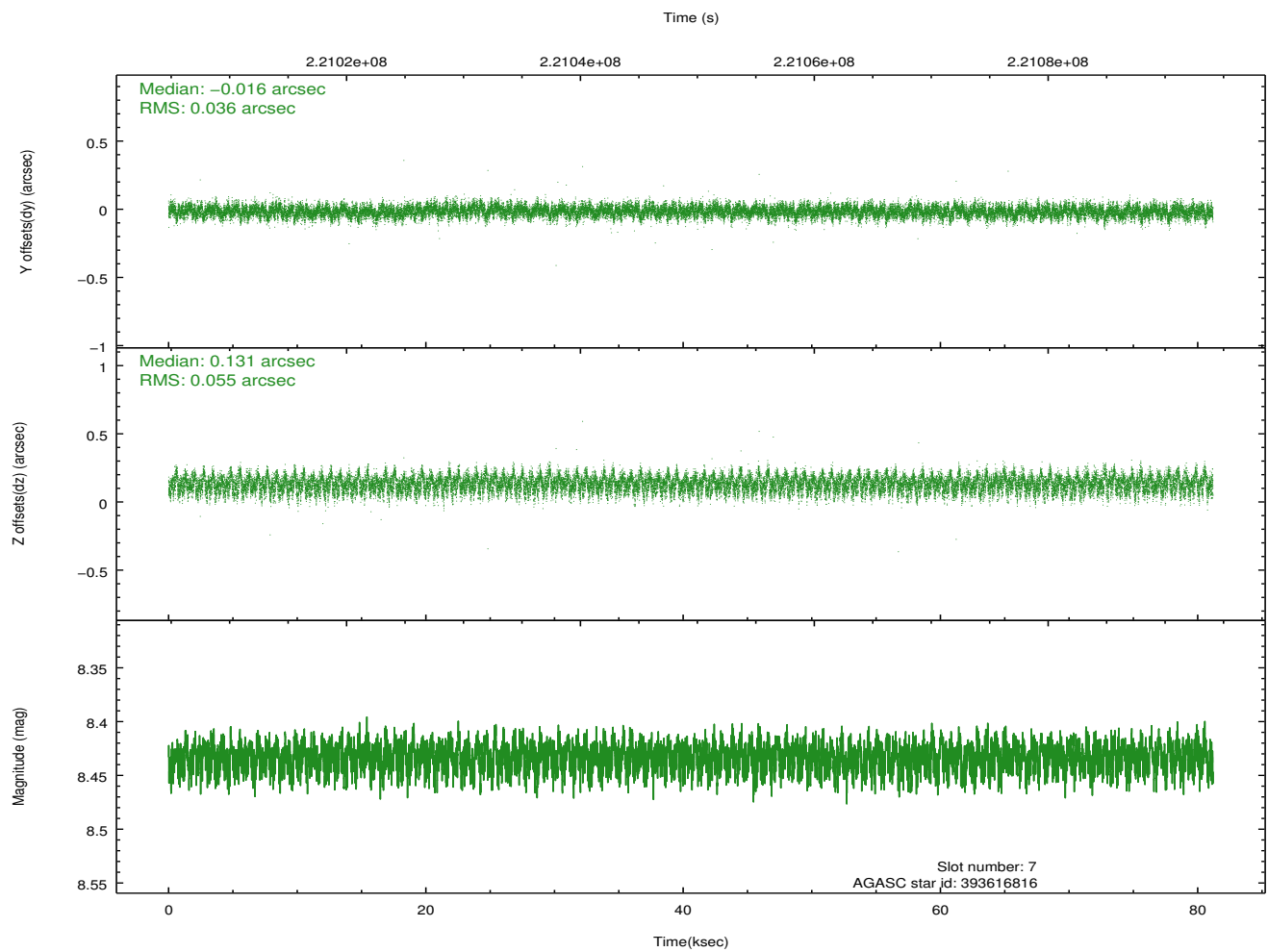
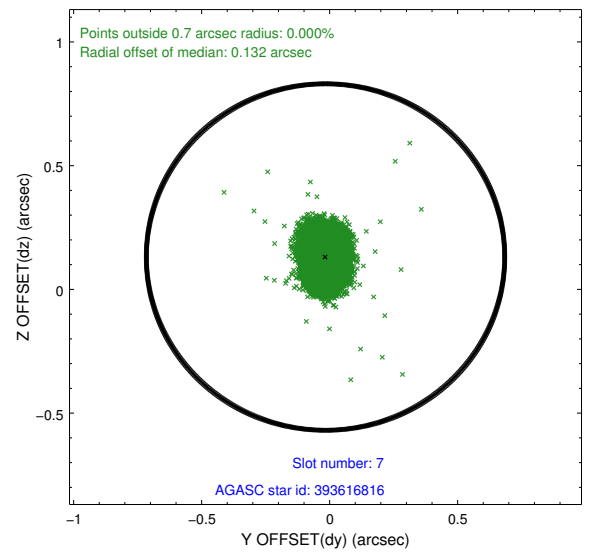
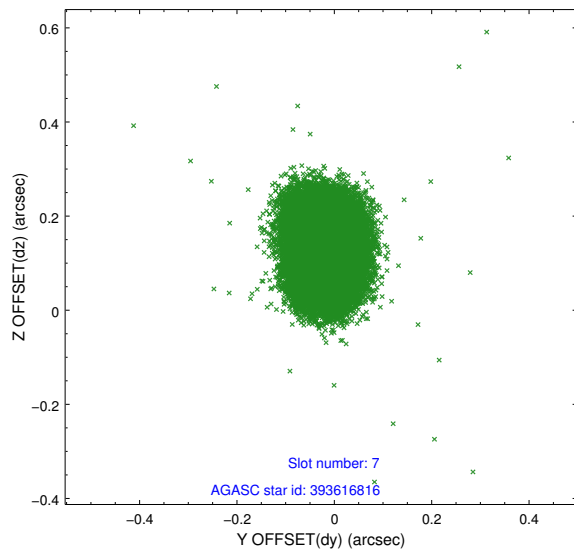
2.4.3 Slot 5



2.4.4 Slot 6

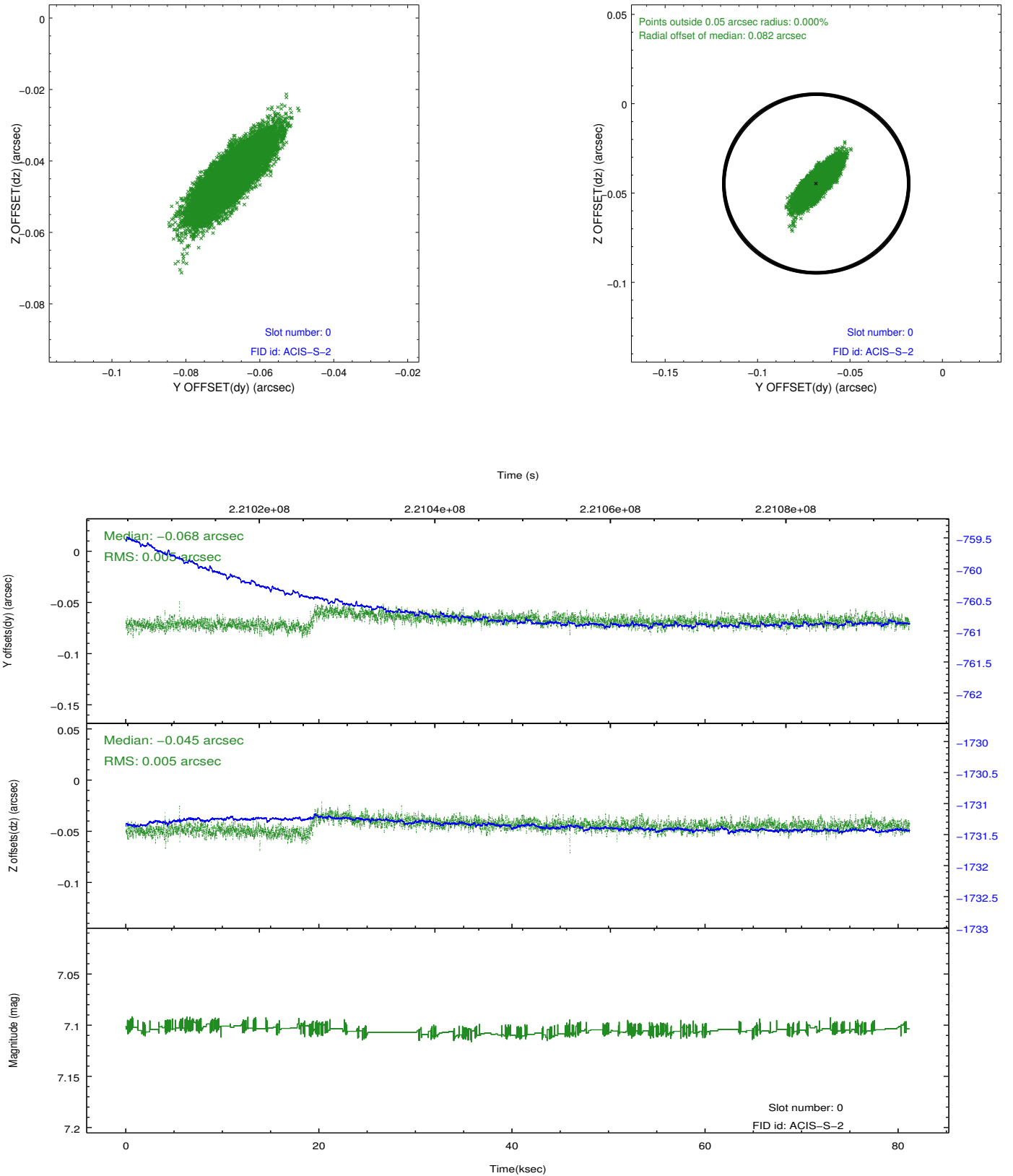


2.4.5 Slot 7

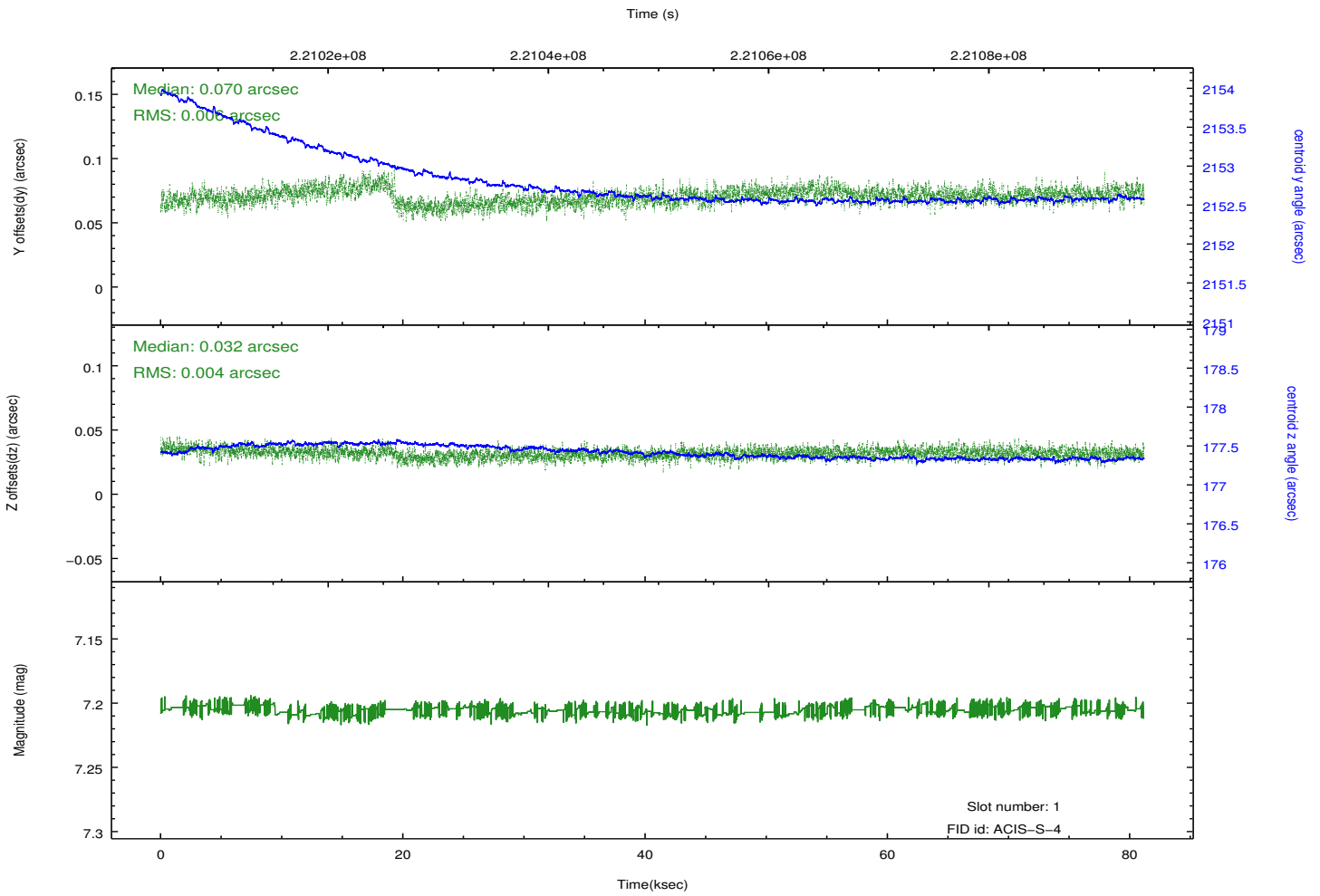
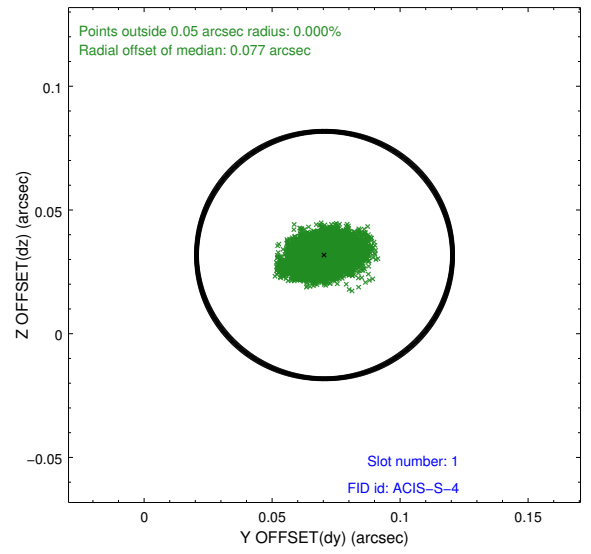
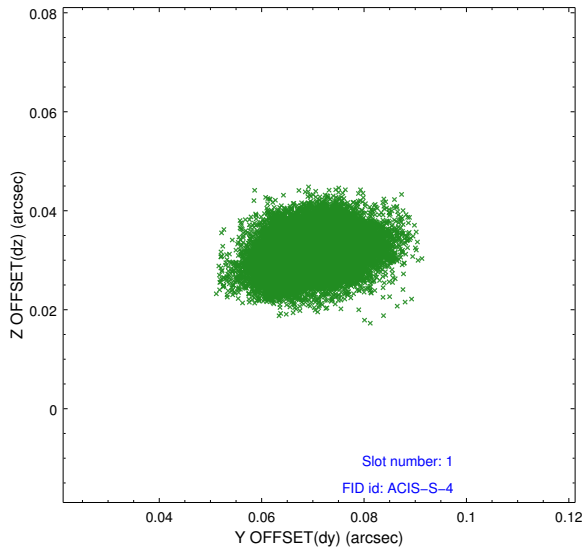


2.5 FID Slots

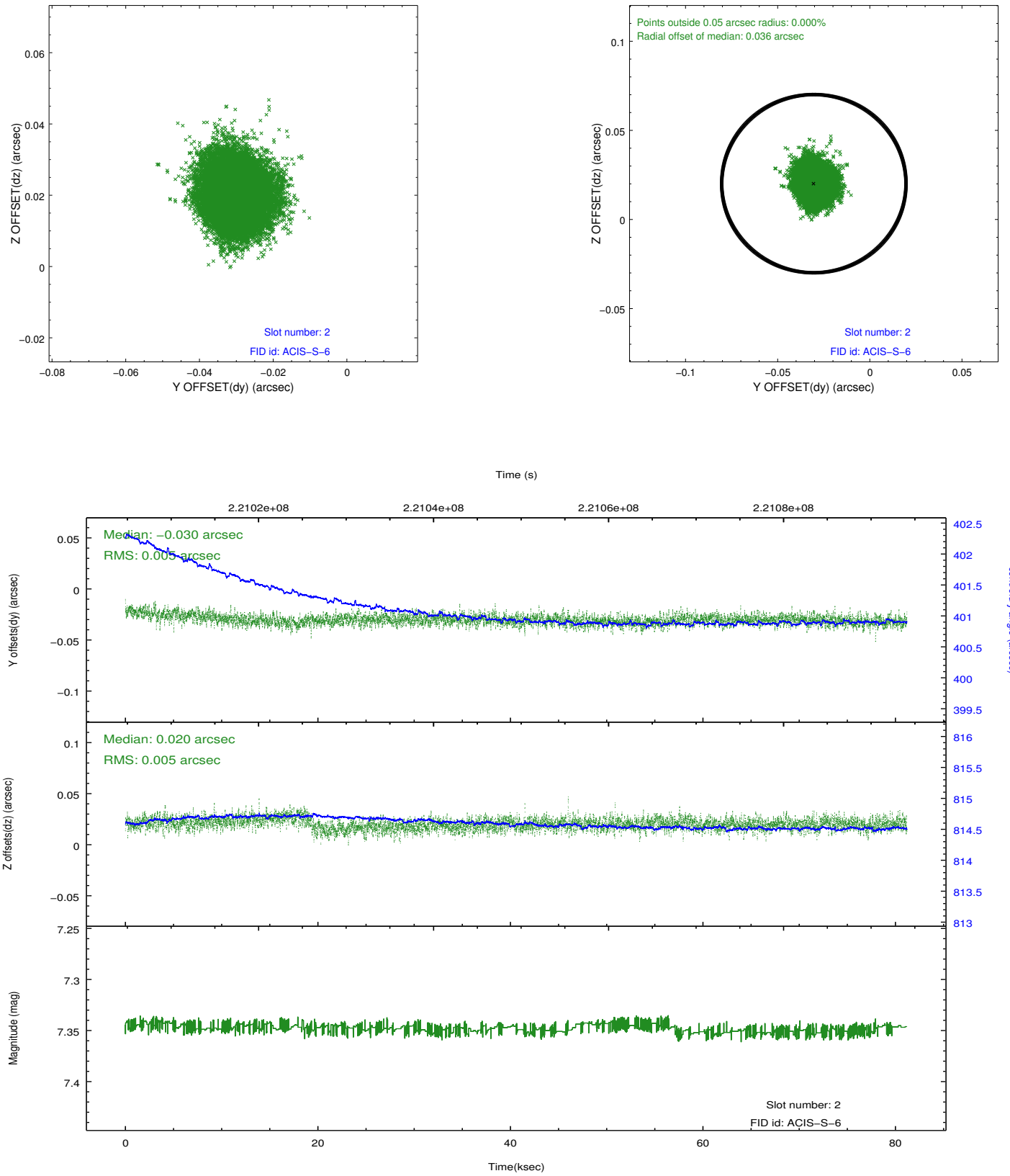
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	81.081

A.2 Comments

Charge time for this observation remains at previous value of 81.081 ksec.