

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11457 - L2 Version 2
Chandra X-Ray Center

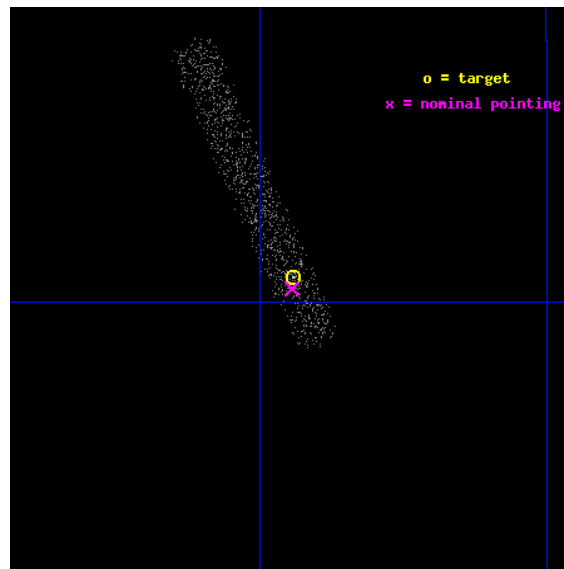
L2 Processing Date : Jun 30 2012

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1 Front

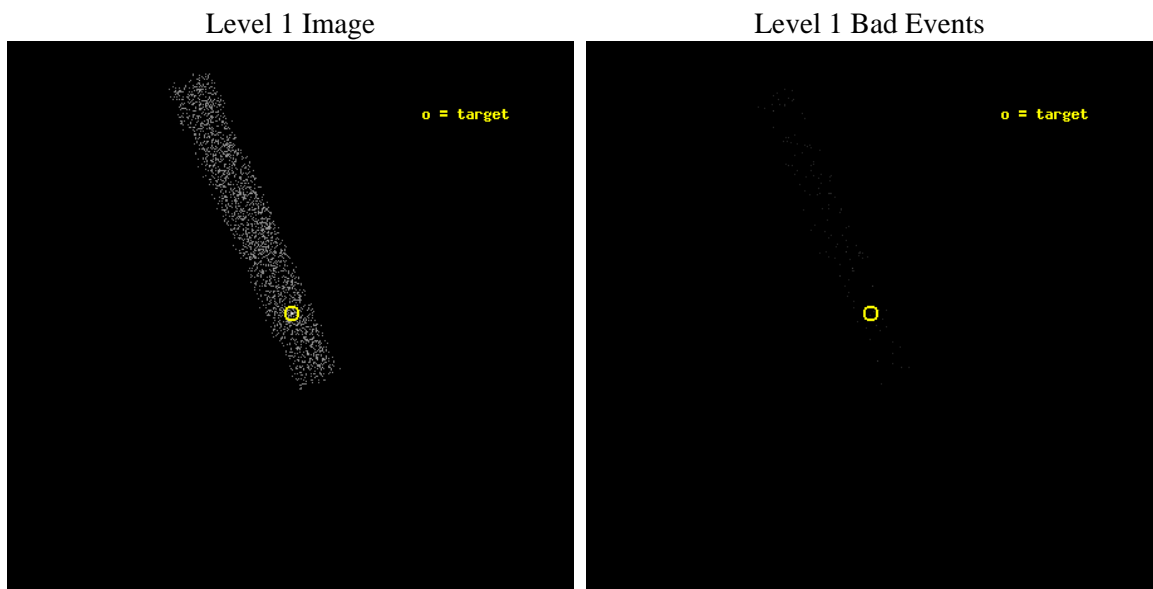
seq_num	702043	Sequence number
obs_id	11457	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J112526.51+022039.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	171.360417	Observer's specified target RA [deg]
dec_targ	2.344167	Observer's specified target Dec [deg]
ra_nom	171.36114491074	Nominal RA [deg]
dec_nom	2.3392704677167	Nominal Dec [deg]
roll_nom	246.18960096399	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2010.6235400438	Sum of GTIs [s]
livetime	1823.5294214074	Livetime [s]
ontime7	2010.6235400438	Sum of GTIs [s]
l2events	1354	Number of level 2 events



2 OBI

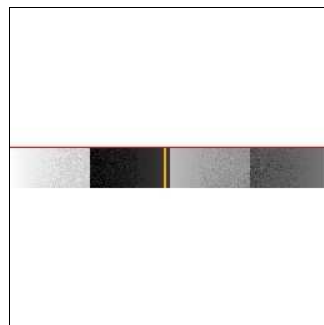
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2010.6235400438	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2010.6235400438	Sum of GTIs [s]
date	2012-06-30T13:02:57	Date and time of file creation	l1events	2695	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

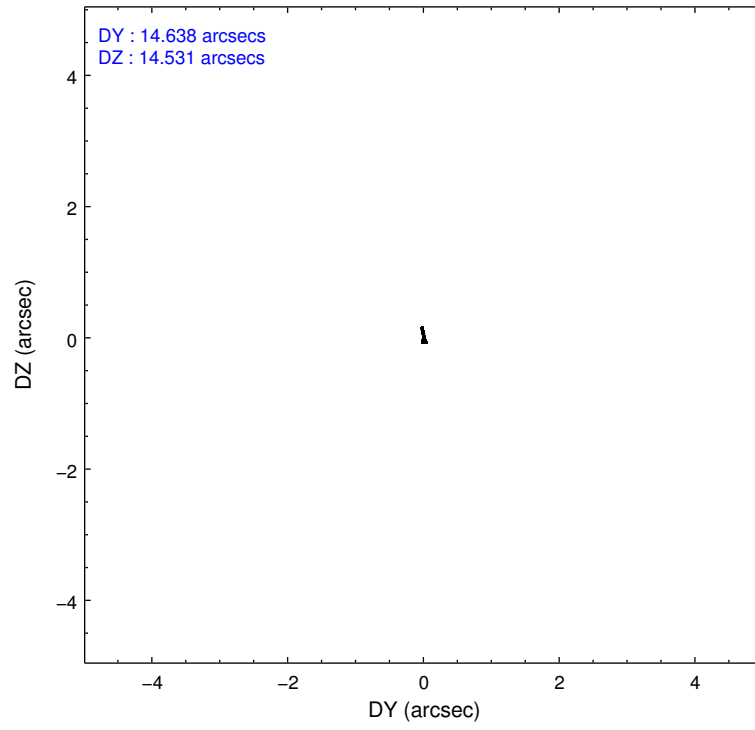
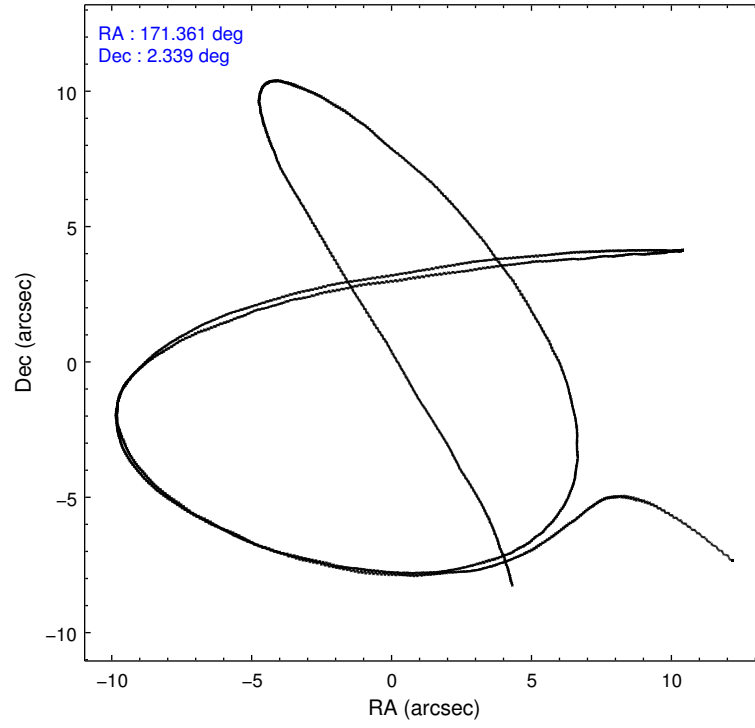
	ccd 7
level 1 events	2695
rejected events	1273
rejected %	47%

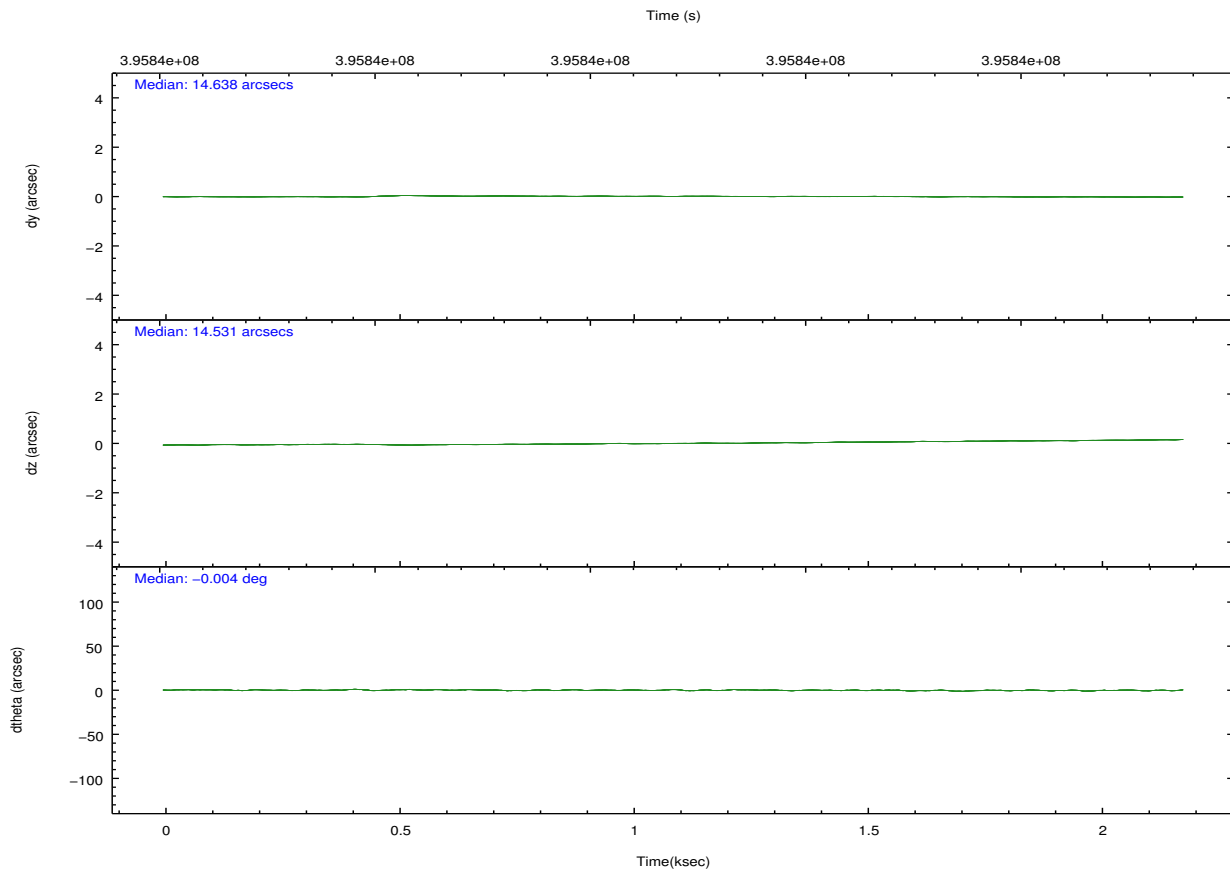
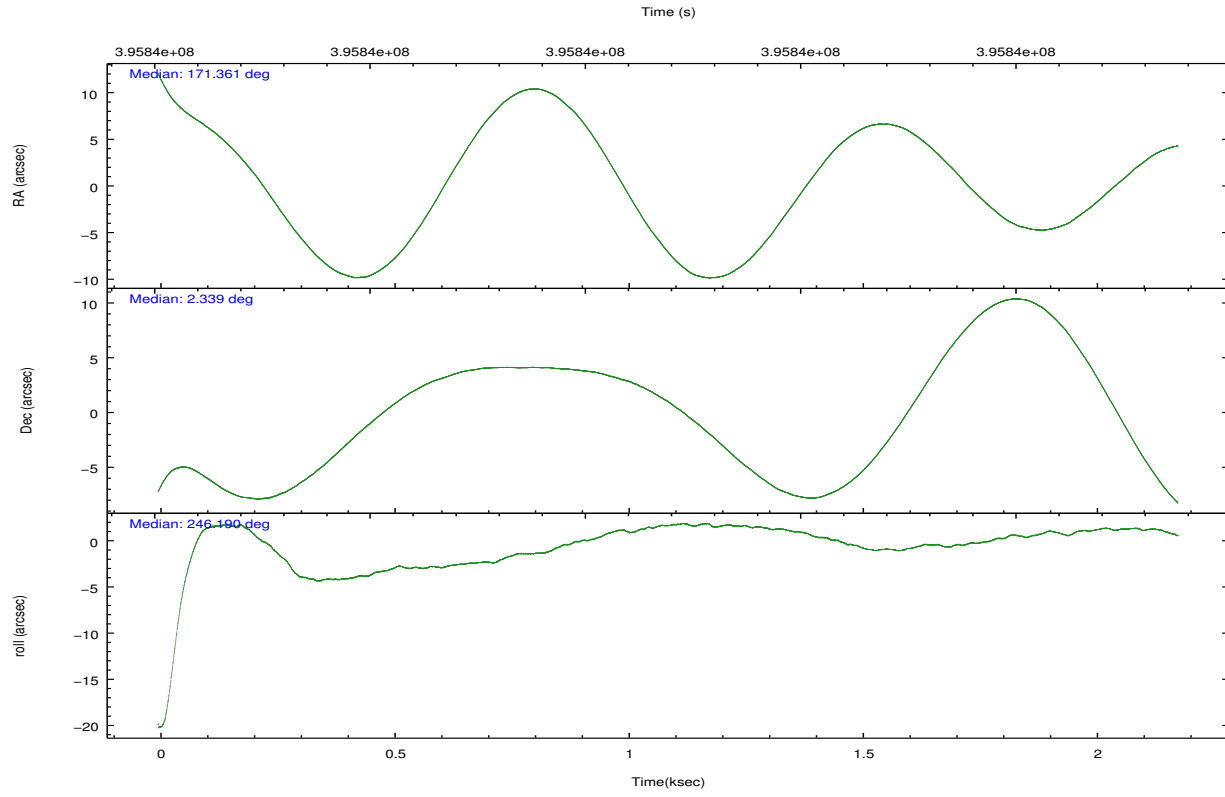
	ccd 7
grade 0 events	172
	6%
grade 1 events	2
	0%
grade 2 events	288
	10%
grade 3 events	185
	6%
grade 4 events	176
	6%
grade 5 events	255
	9%
grade 6 events	601
	22%
grade 7 events	1016
	37%

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	171.357762	171.3611449107423	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	2.366501	2.339270467716708	Subarray start row	449	449
[deg] Pointing Roll	246.033265	246.1896009639878	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	395835276.184000	395834080.60794			
Observation start date	2010-07-18T10:13:30	2010-07-18T09:54:40			
[s] Observation end time (MET)	395837276.184000	395838339.48316			
Observation end date	2010-07-18T10:46:50	2010-07-18T11:05:39			
Read mode	TIMED	TIMED			

2.3 Aspect



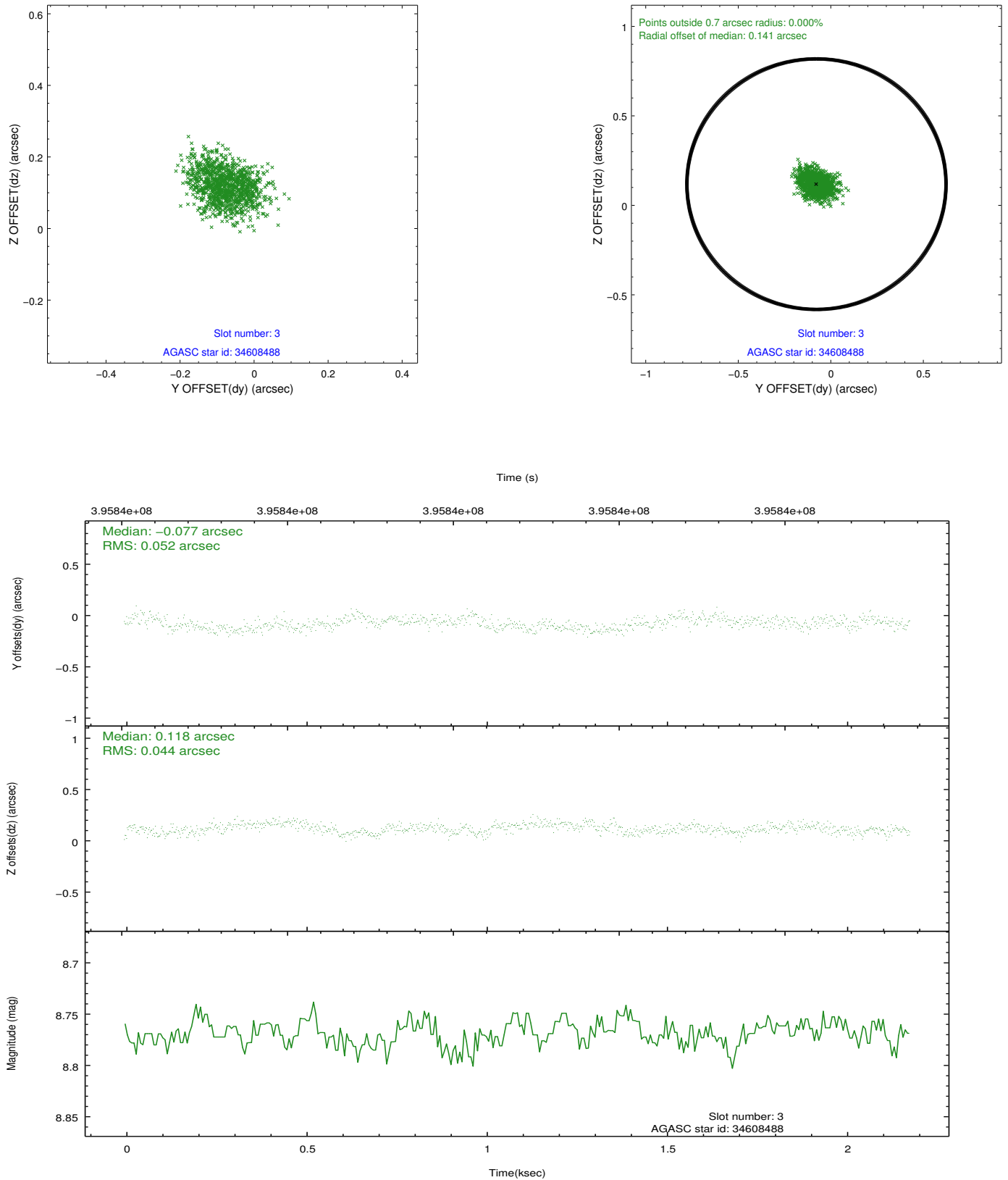


Slot Statistics

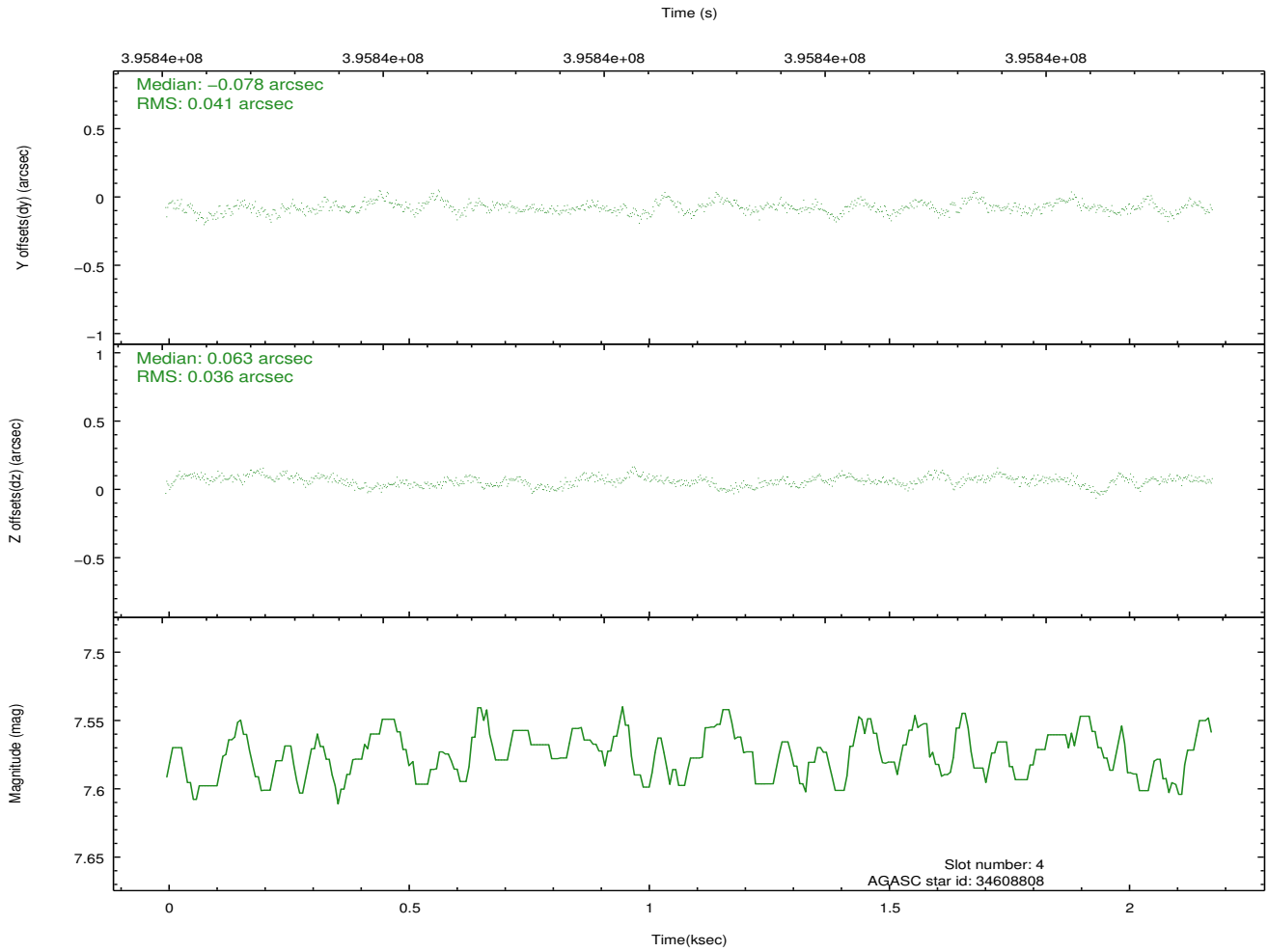
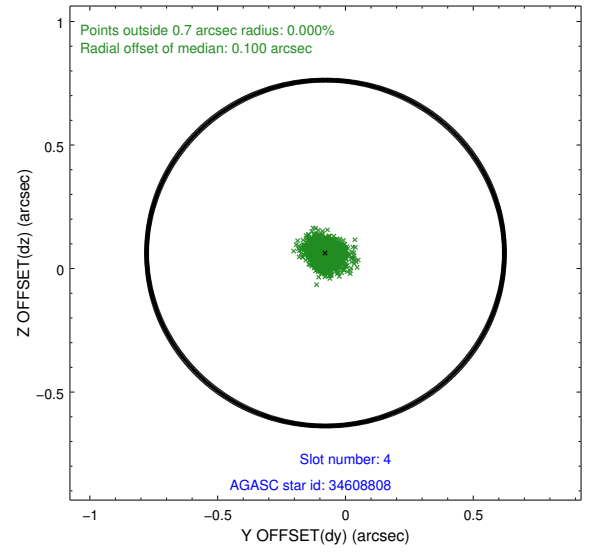
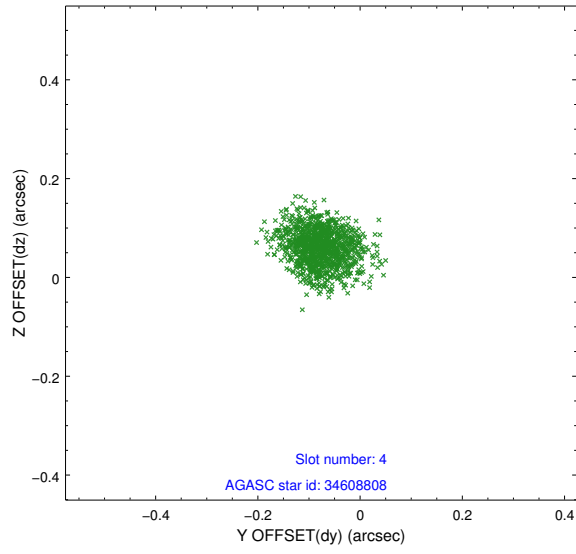
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.96	532	-0.092	-0.053	0.007	0.011	0.000000	0.000000	-767.69	-1735.92
1	FID	ACIS-S-4	7.04	532	0.226	0.058	0.005	0.009	0.000000	0.000000	2144.53	169.58
2	FID	ACIS-S-5	7.07	532	-0.166	0.003	0.006	0.010	0.000000	0.000000	-1816.78	166.59
3	GUIDE	34608488	8.77	1064	-0.077	0.118	0.074	0.116	171.107167	1.917770	1842.71	-167.75
4	GUIDE	34608808	7.57	1062	-0.078	0.063	0.058	0.094	171.187964	2.096543	1138.00	-163.78
5	GUIDE	34611072	8.62	1064	-0.009	-0.143	0.078	0.127	171.511311	2.458332	-525.19	369.94
6	GUIDE	35003504	8.86	1063	-0.072	-0.015	0.088	0.139	171.171006	2.901392	-1487.26	-1395.60
7	GUIDE	34608640	8.87	1063	0.233	-0.016	0.069	0.115	171.454140	1.872320	1483.84	1038.12

2.4 Star Slots

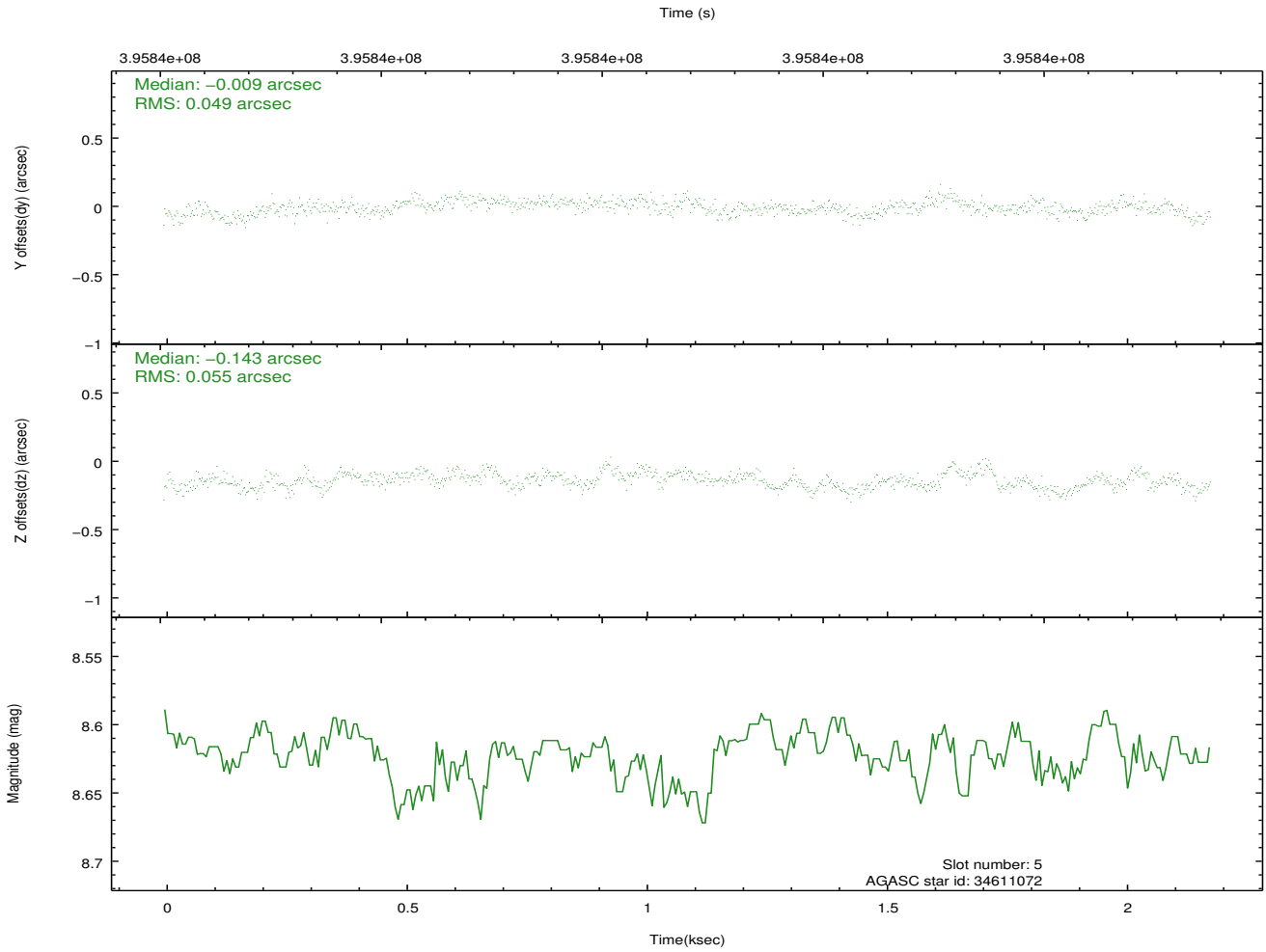
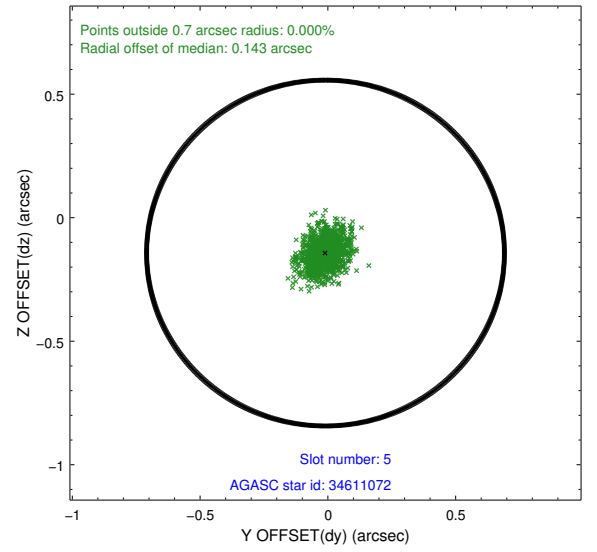
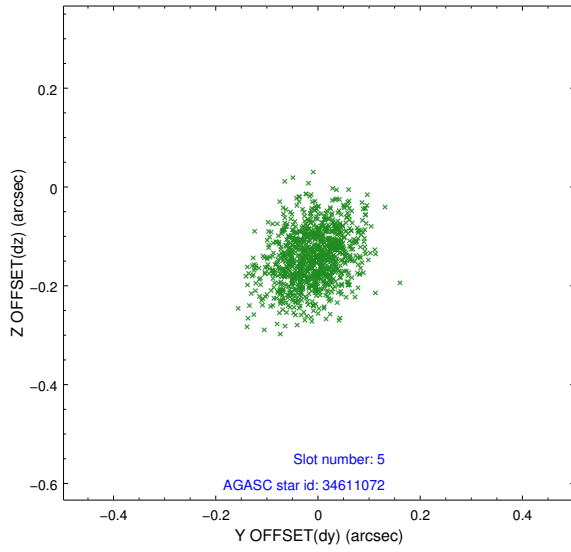
2.4.1 Slot 3



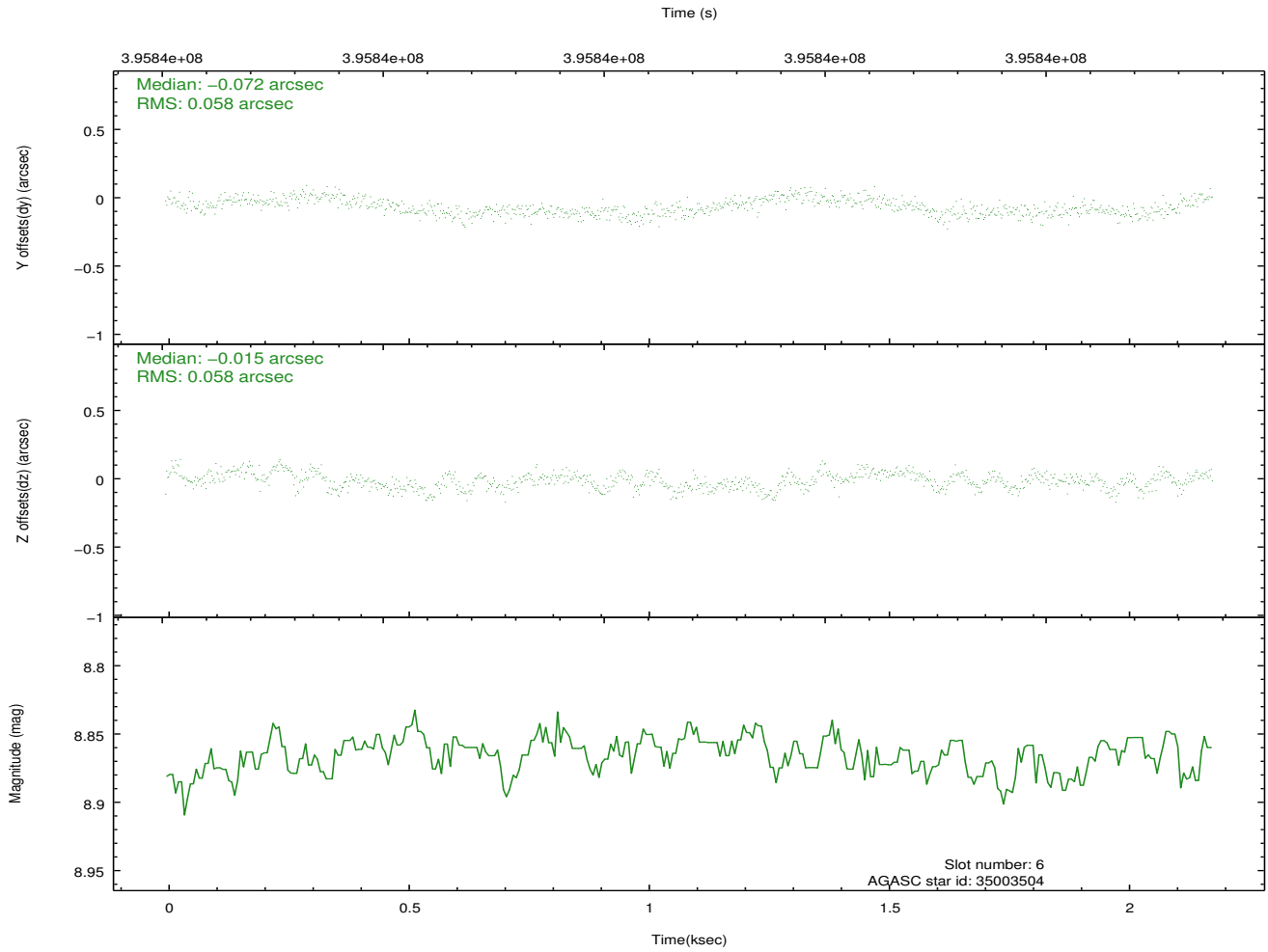
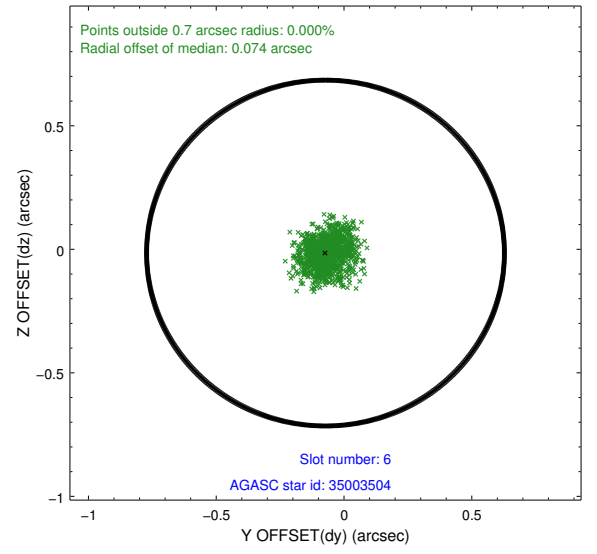
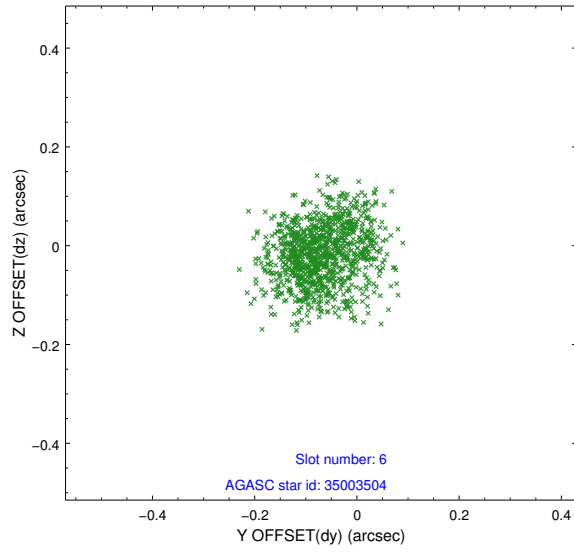
2.4.2 Slot 4



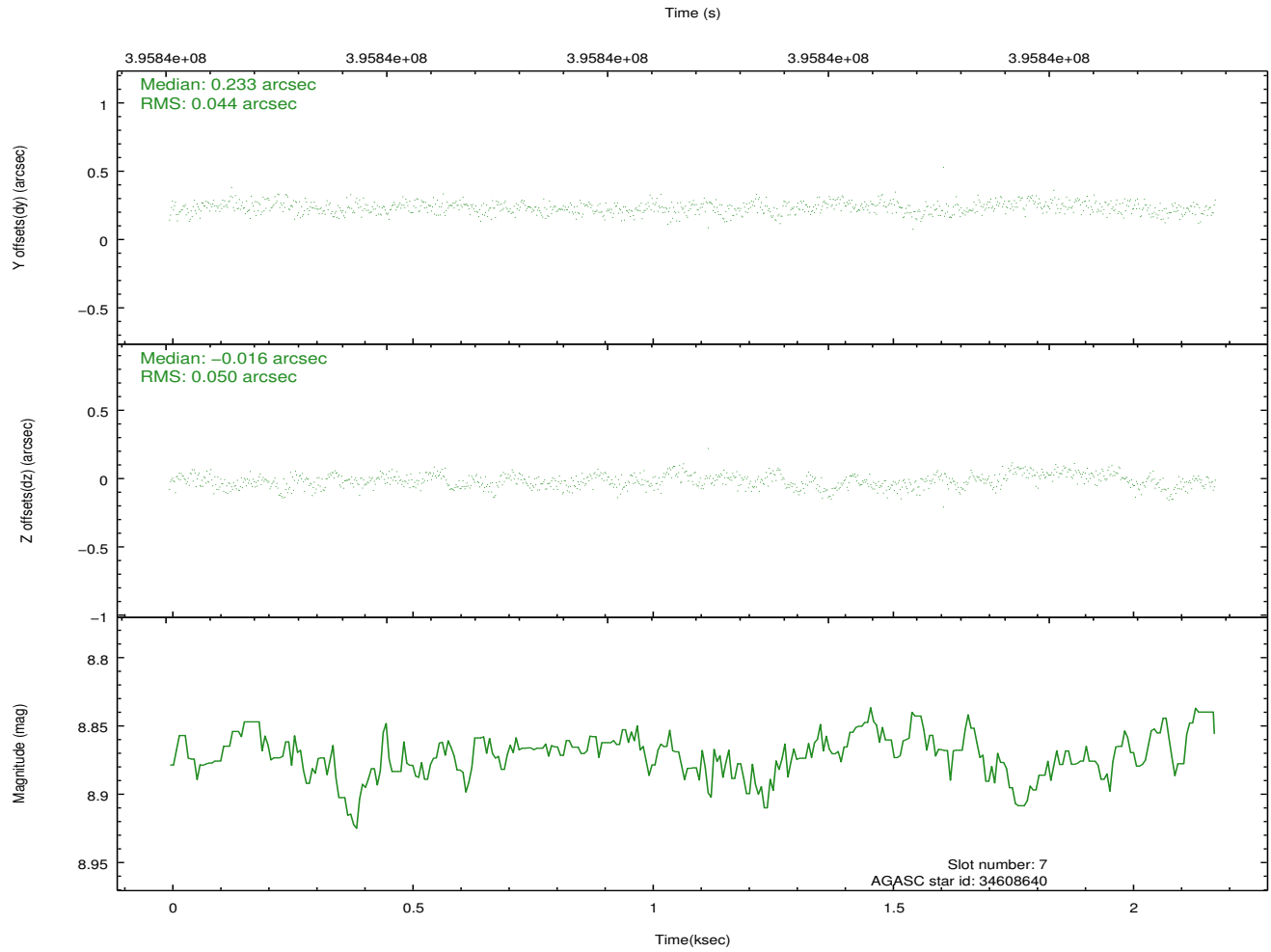
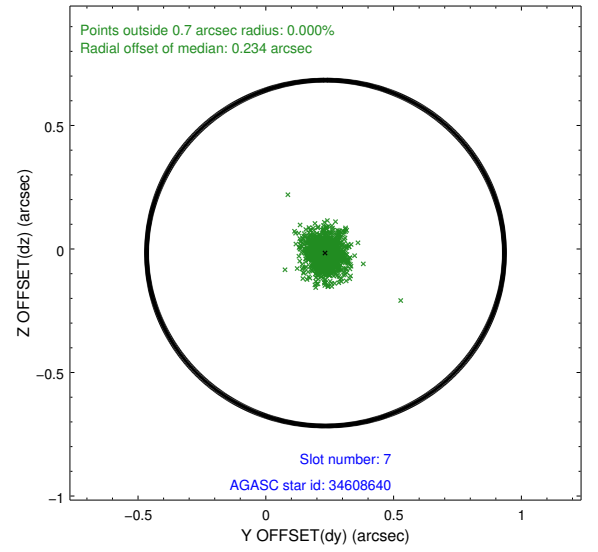
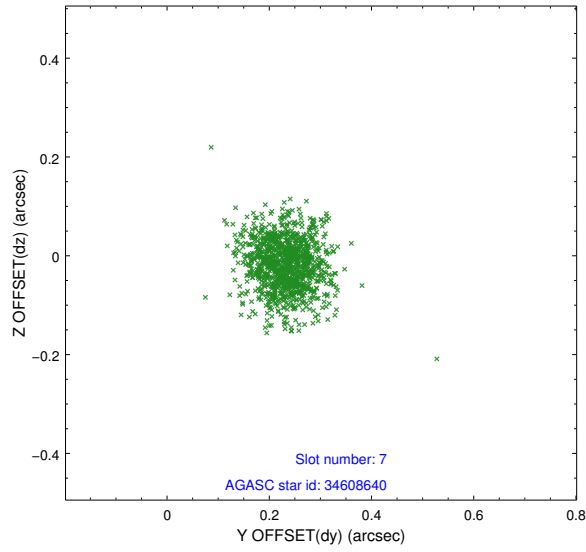
2.4.3 Slot 5



2.4.4 Slot 6

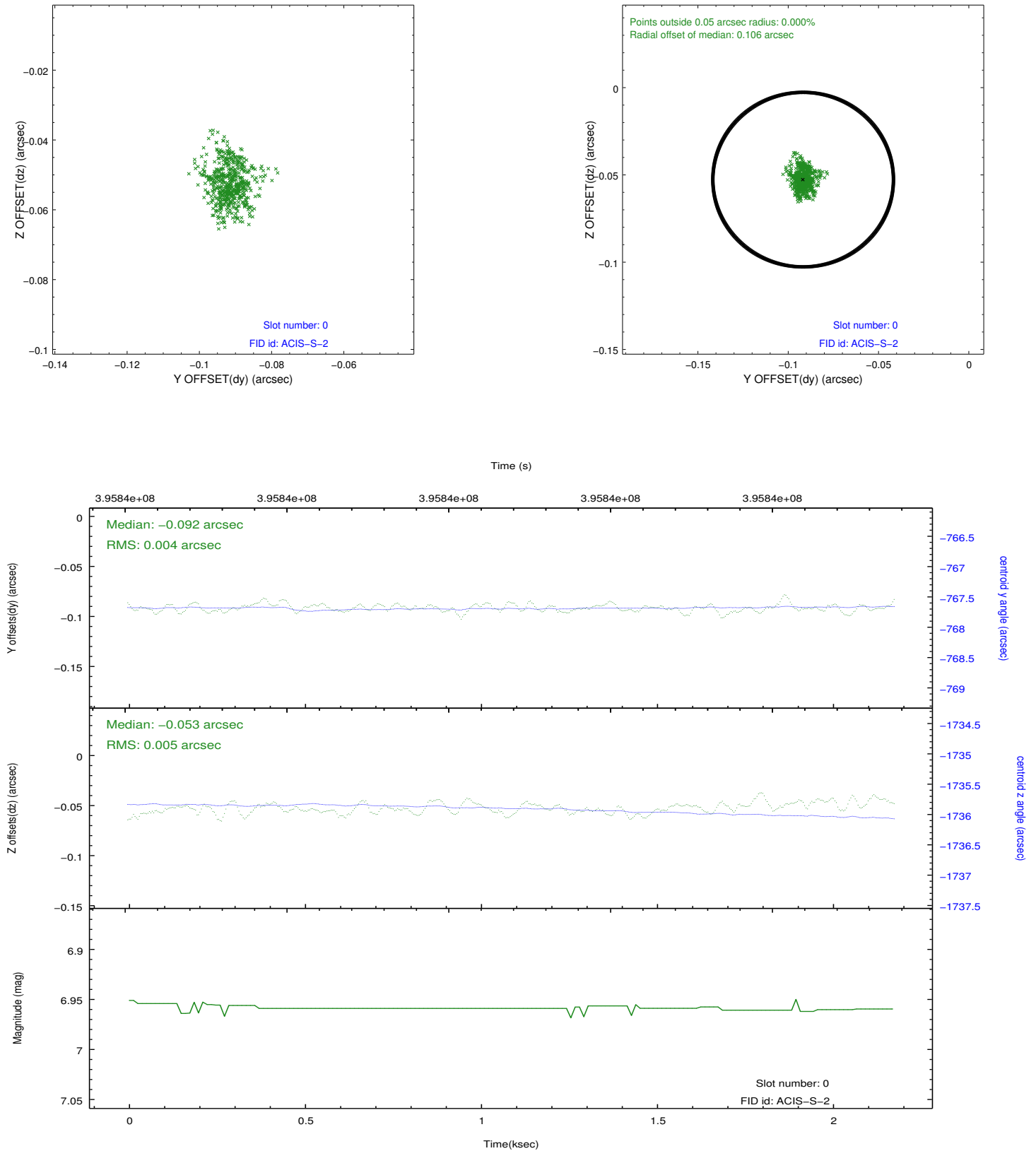


2.4.5 Slot 7

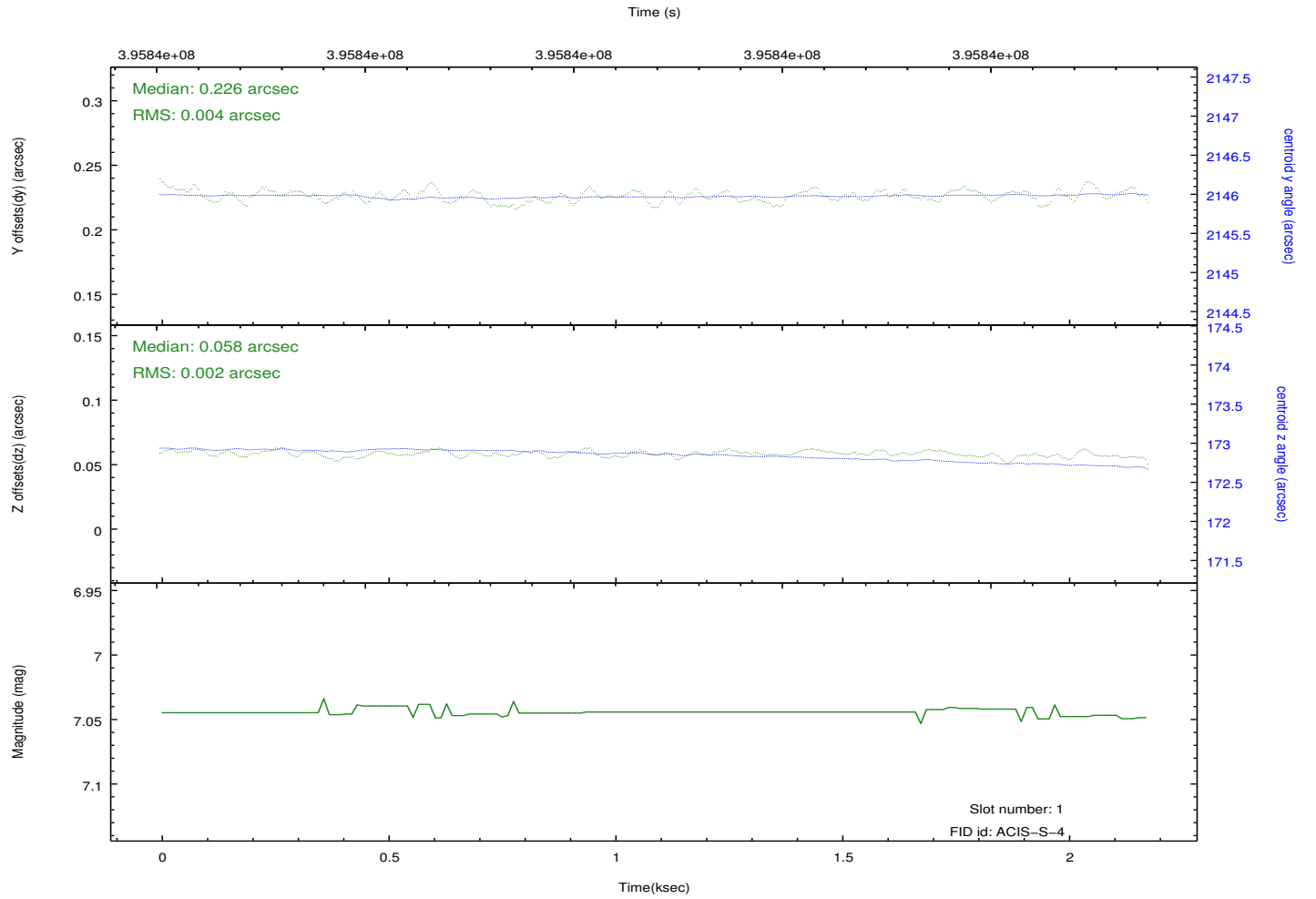
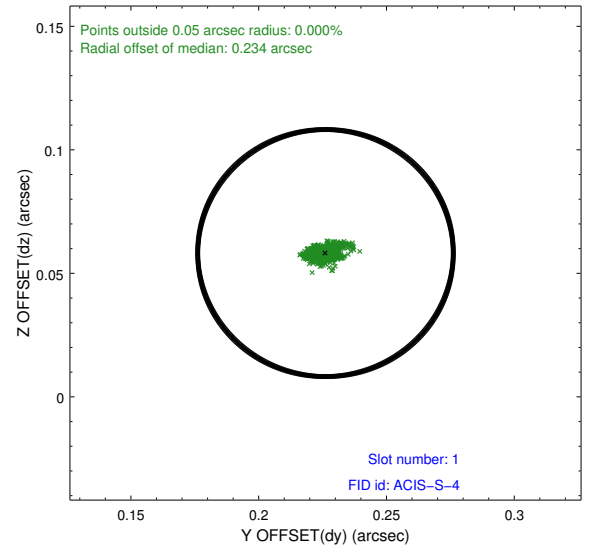
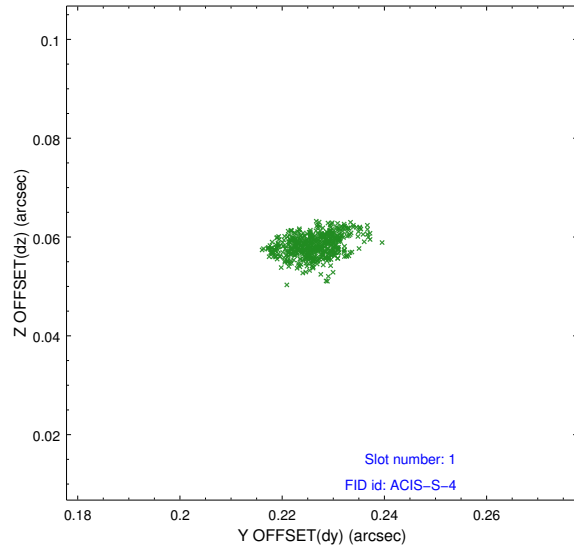


2.5 FID Slots

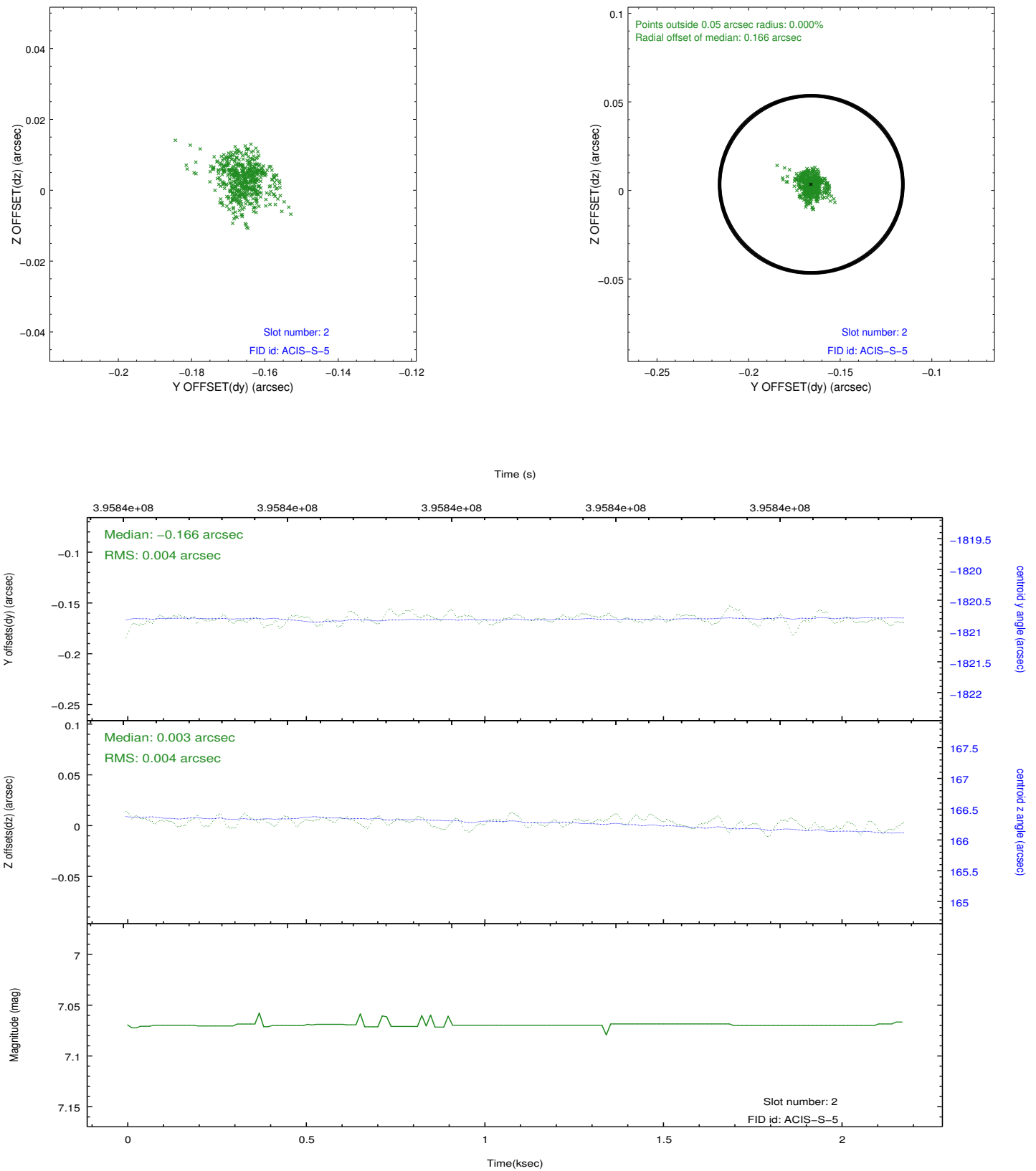
2.5.1 Slot 0



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)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0106235412955

A.2 Comments