

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 1205 - L2 Version 2
Chandra X-Ray Center

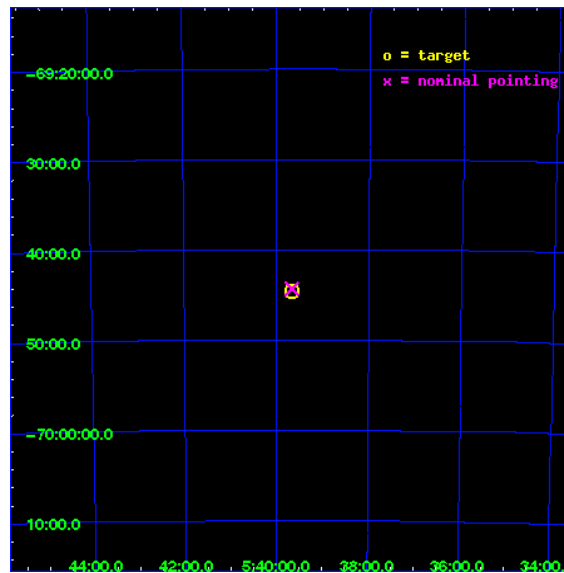
L2 Processing Date : Jan 12 2010

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1 Front

seq_num	480155	Sequence number
obs_id	1205	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	84.916239450378	Nominal RA
dec_nom	-69.738838906779	Nominal Dec
roll_nom	107.98921603121	Nominal Roll
revision	2	Processing version of data
ontime	0.0	[s]
livetime	0.0	Ontime multiplied by DTCOR
l2events	0	Number of level 2 events

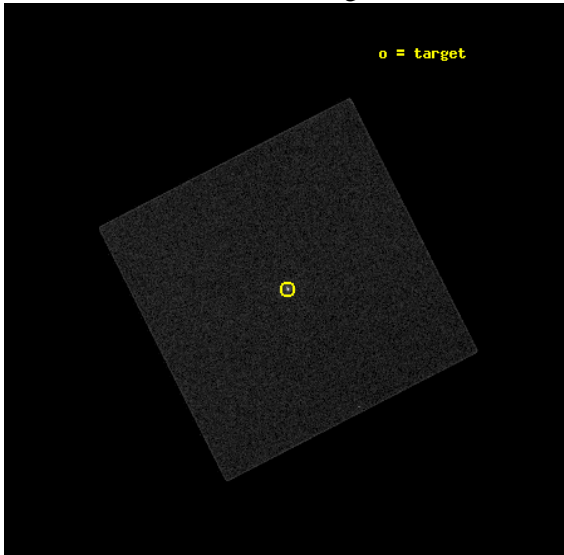


2 OBI

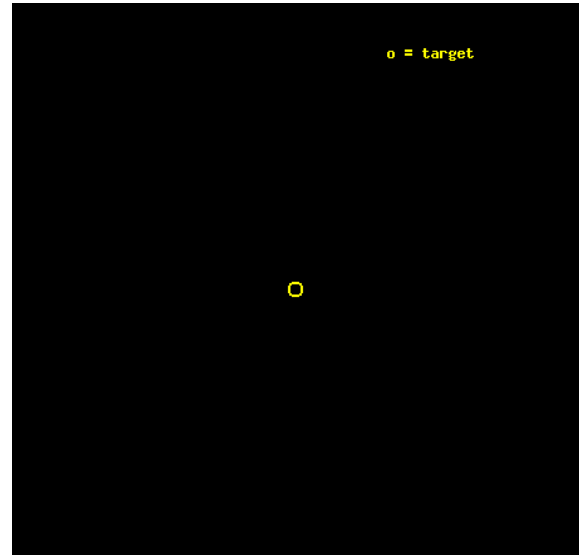
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	3600.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	0.0	[s]
caldbver	4.1.5	 	l1events	206571	Number of level 1 events
date	2010-01-12T15:32:52	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

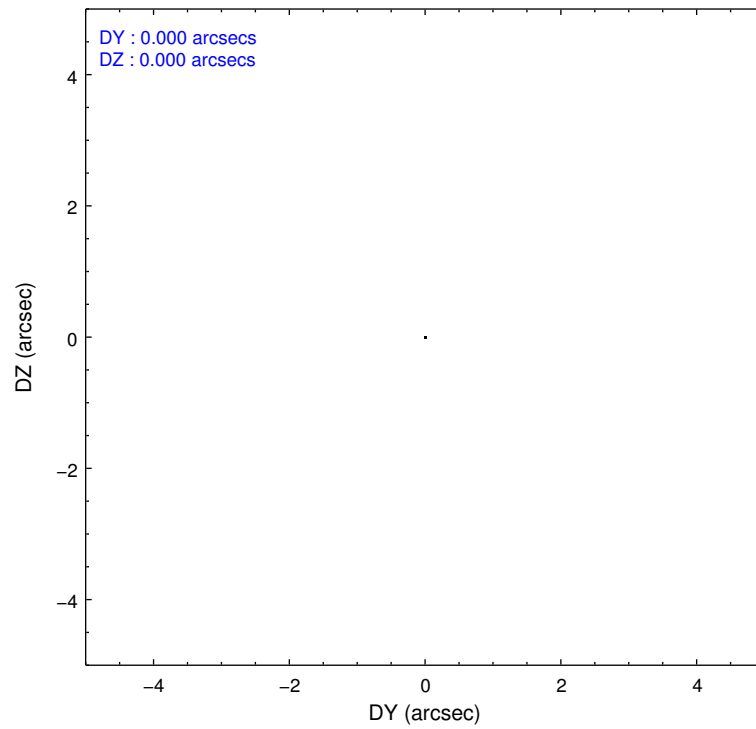
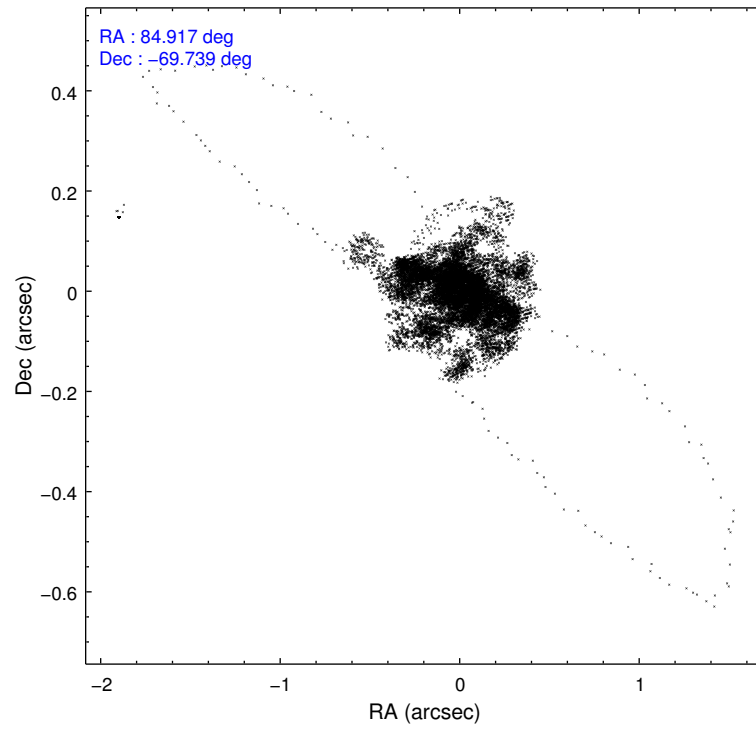
Level 1 Events

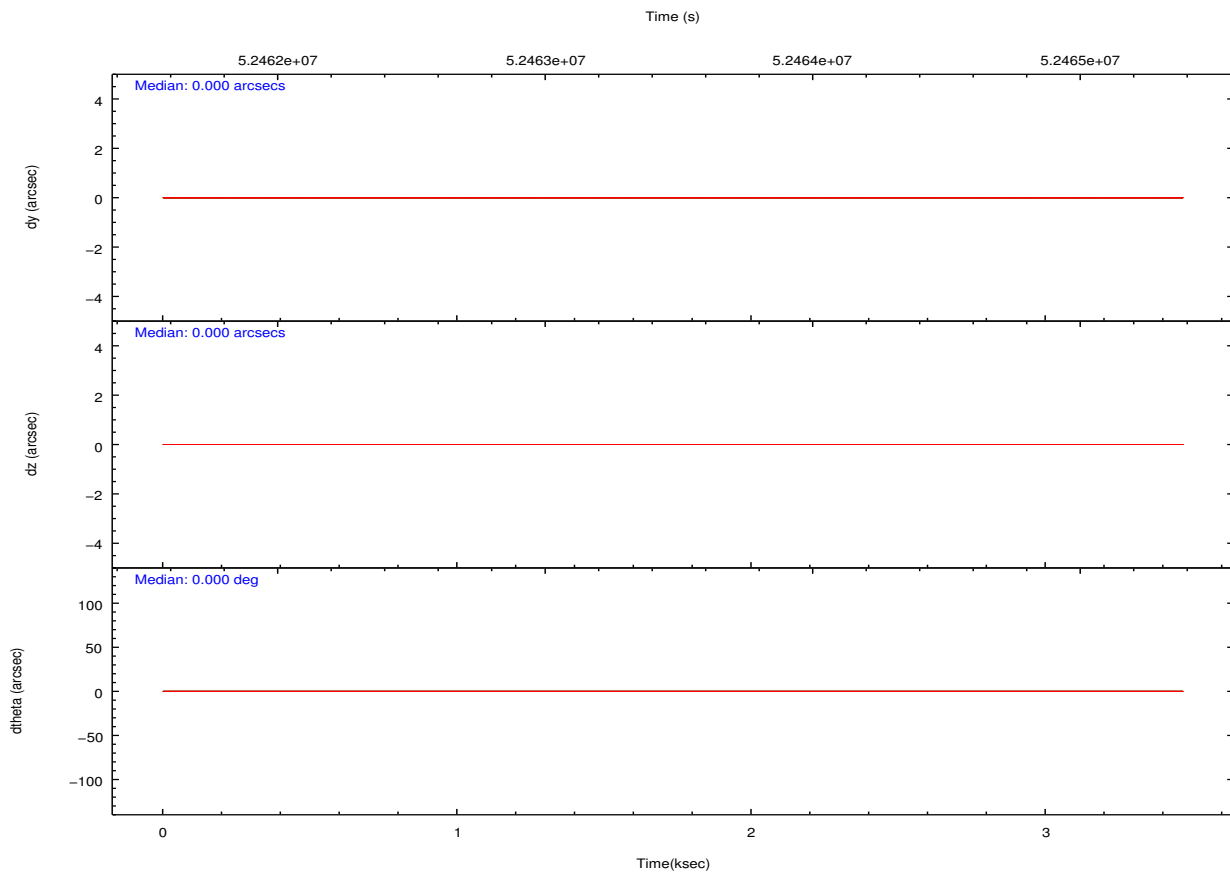
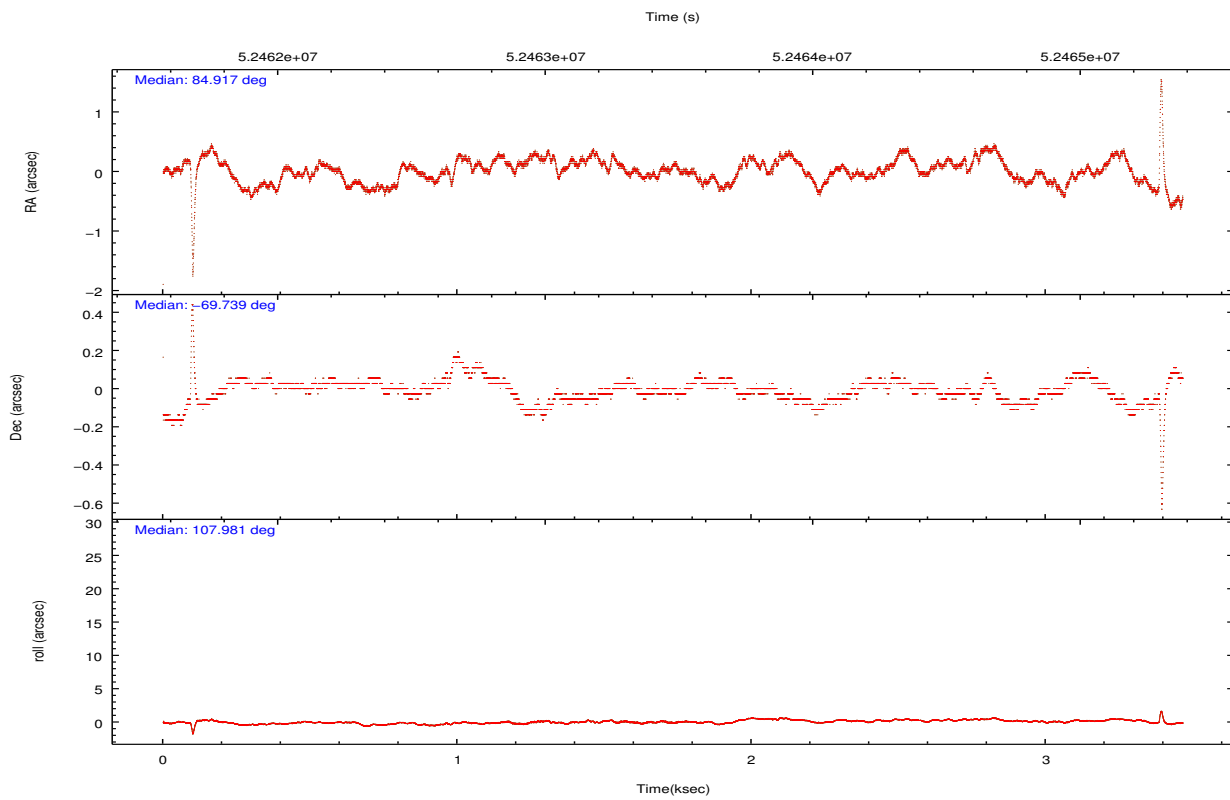
	segment 0
level 1 events	206571
rejected events	0
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	84.974973	84.91623945037772			
Pointing Dec	-69.757107	-69.73883890677939			
Pointing Roll	108.139814	107.9892160312144			
SIM focus pos (mm)	-0.040293	0.255451383487682			
SIM defocus (mm)	1	1.295744004146556			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	52461664.184000	52461744.872332			
Observation start date	1999-08-31T04:40:00	1999-08-31T04:42:24			
Observation end time	52465264.184000	52465213.472457			
Observation end date	1999-08-31T05:40:00	1999-08-31T05:40:13			

2.3 Aspect



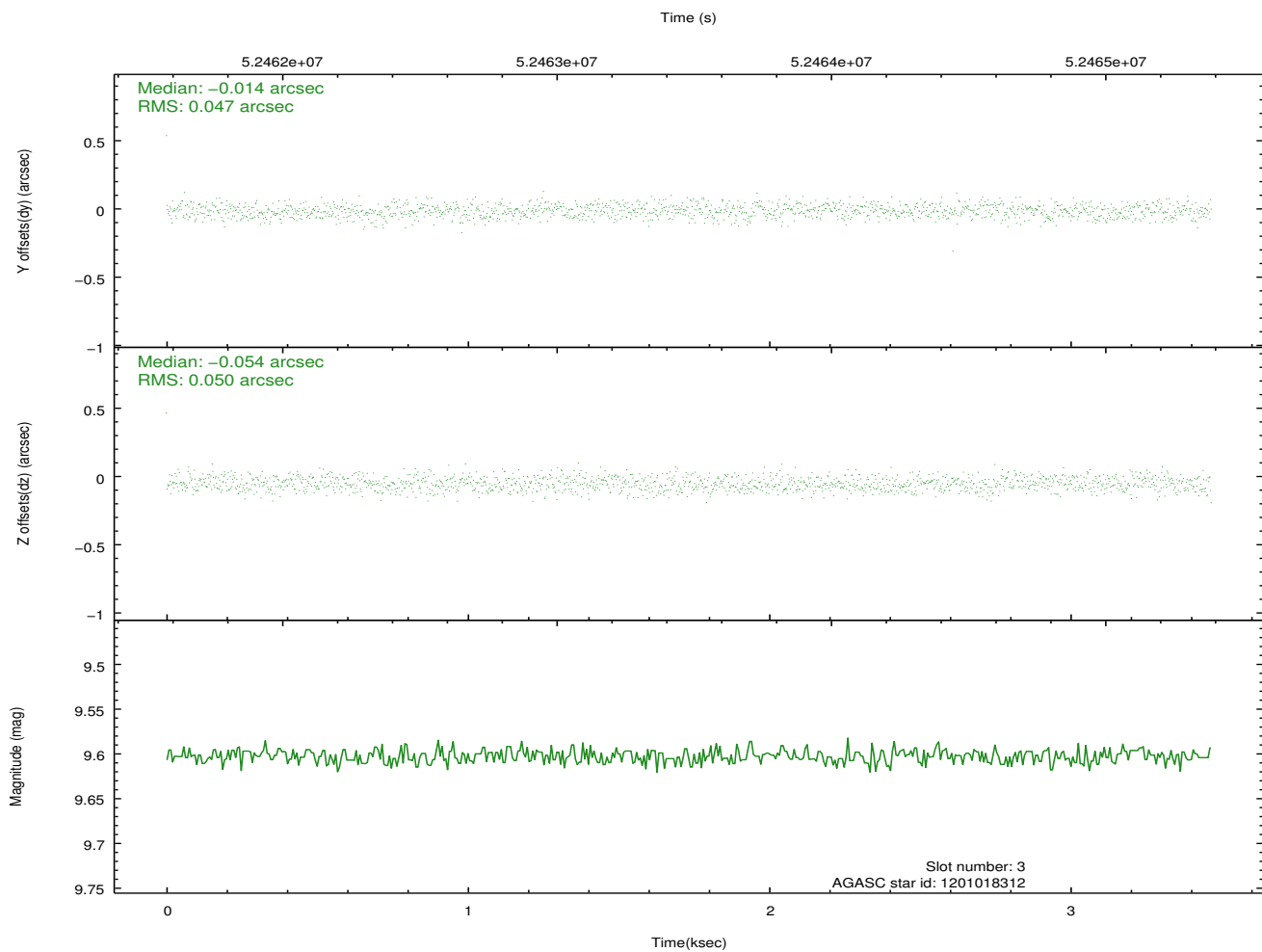
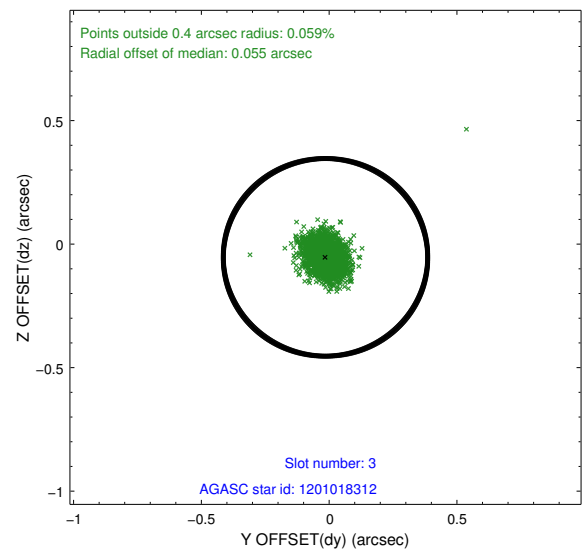
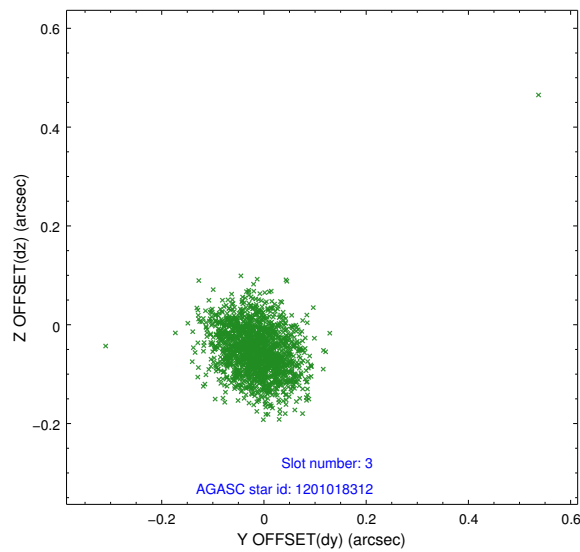


Slot Statistics

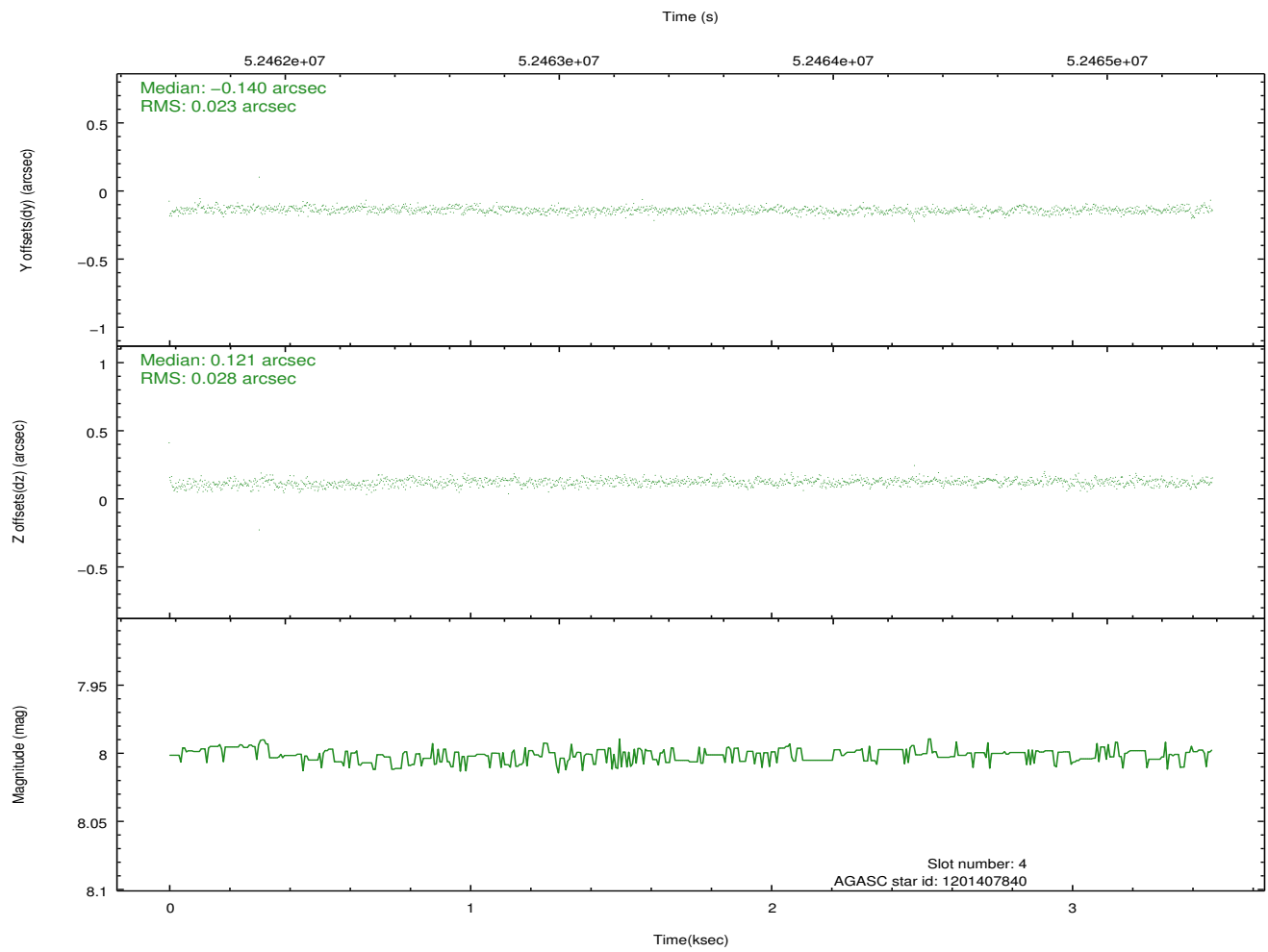
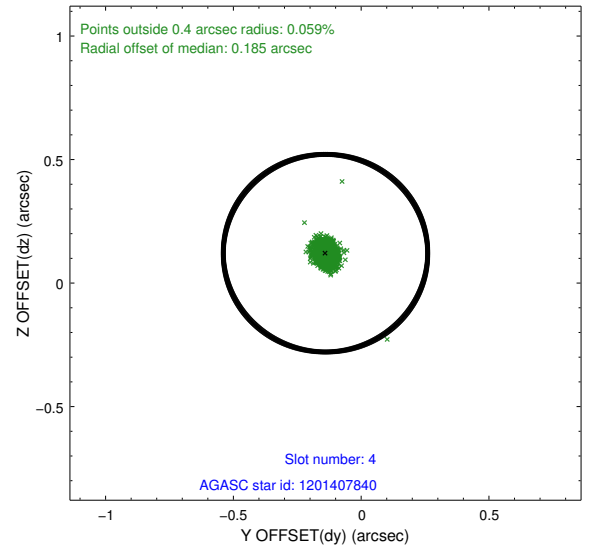
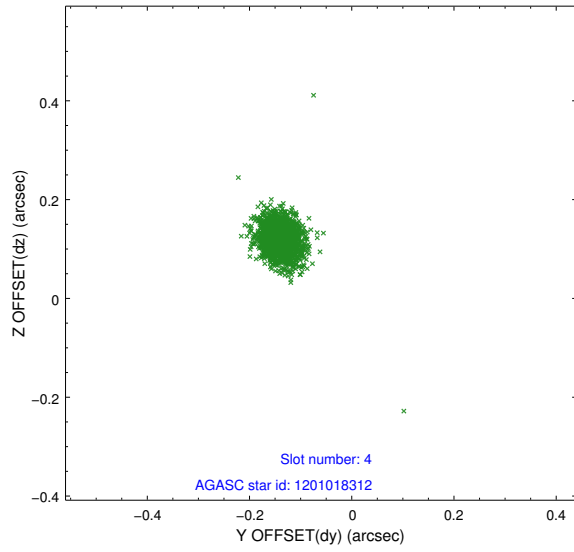
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
1	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	1201018312	9.60	1690	-0.014	-0.054	0.072	0.114	86.298231	-69.115627	1649.27	-2326.25
4	GUIDE	1201407840	8.00	1692	-0.140	0.121	0.035	0.060	83.696303	-70.172201	-948.55	1953.20
5	GUIDE	1201411368	10.05	1690	0.138	-0.162	0.091	0.159	83.629696	-70.495613	-2040.44	2371.14
6	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
7	GUIDE	1201540776	9.60	1690	0.015	0.097	0.064	0.105	85.107945	-69.858480	-399.02	-40.96

2.4 Star Slots

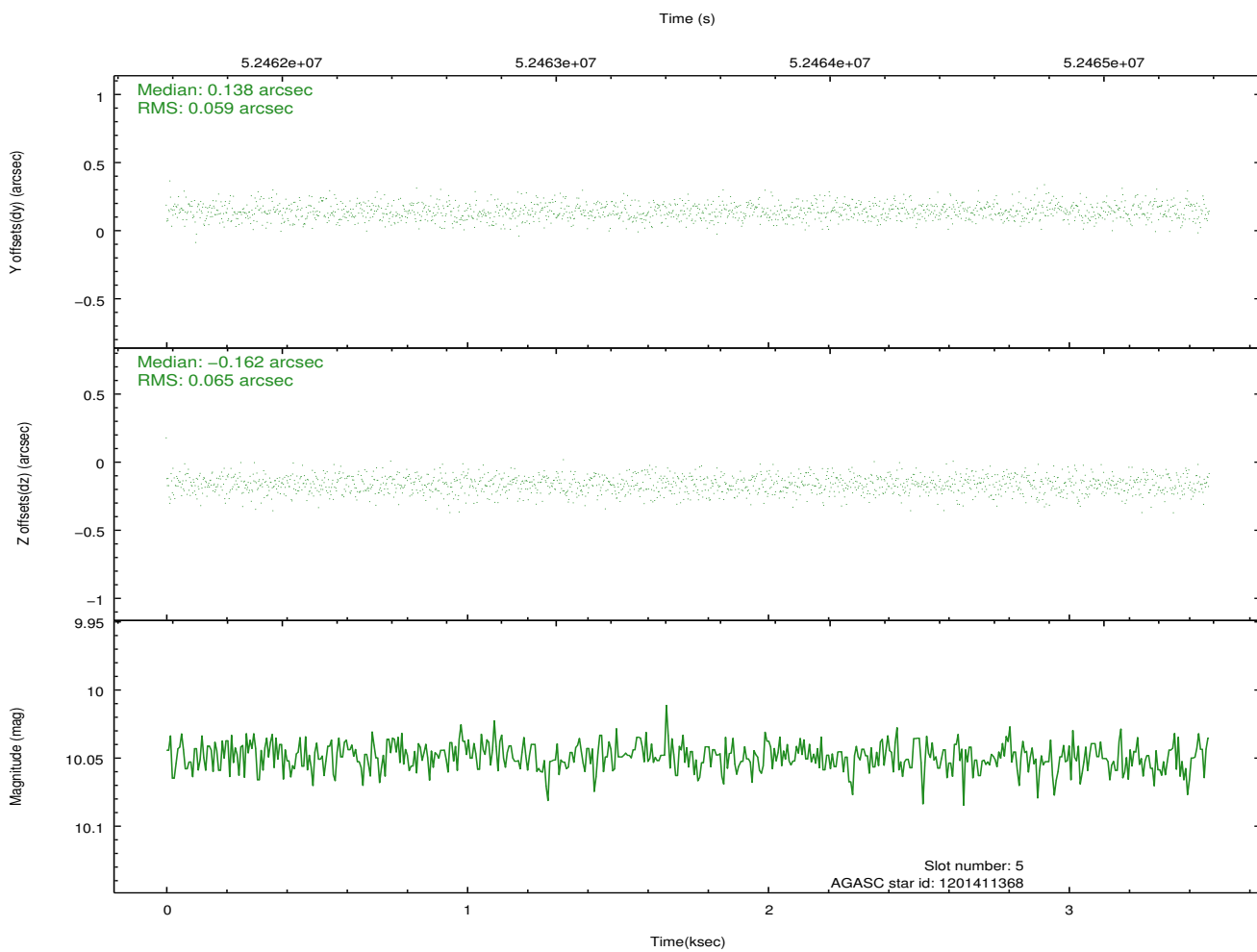
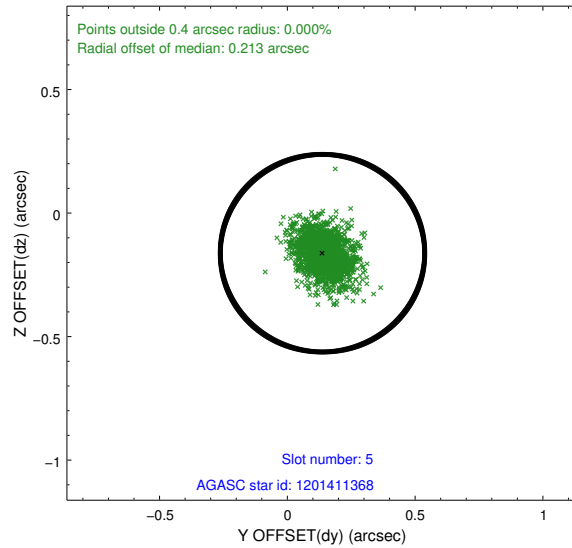
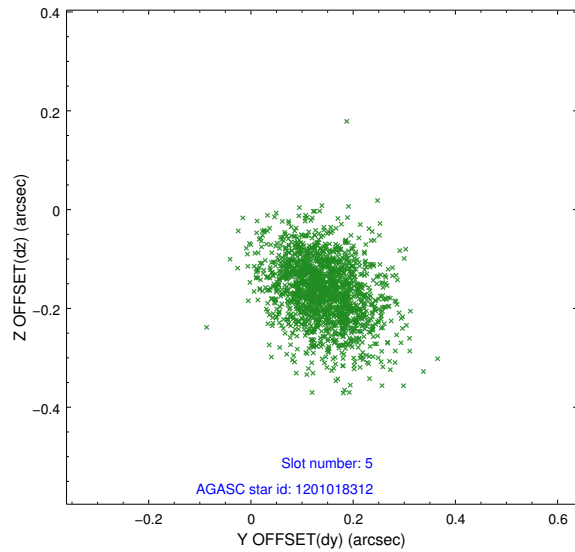
2.4.1 Slot 3



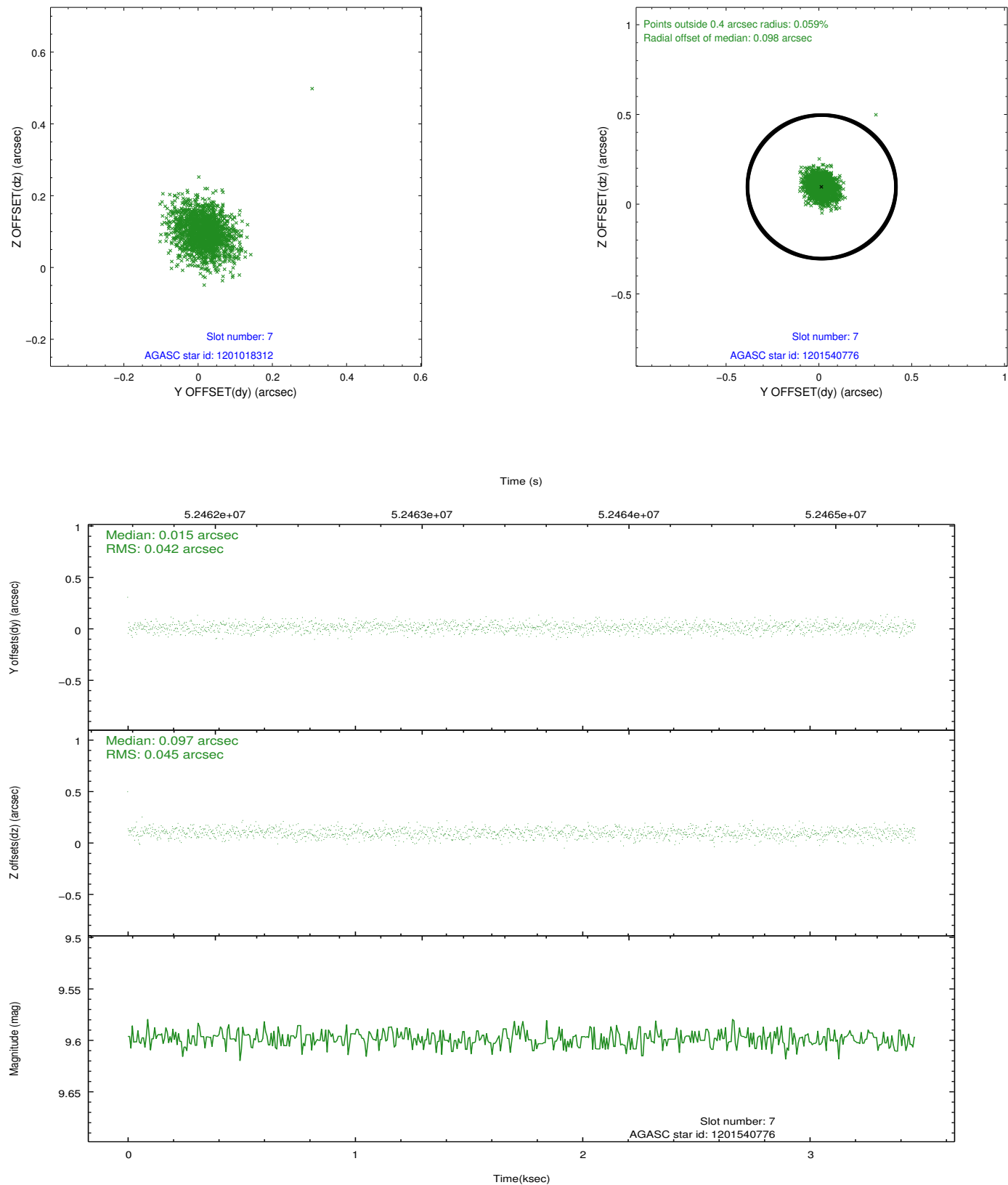
2.4.2 Slot 4



2.4.3 Slot 5



2.4.4 Slot 7



2.5 FID Slots

3 Point Sources

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3

A.2 Comments

HRC shutter location and focus test.=====

All 3 fid lights are blocked by the HRC shutter. There is no explicit boresight alignment information without fid light data. Also, guide star data for slot 6 was not planned for this observation.

=====

There is not GTI time for this observation because of the lack of fid light data. Therefore there are no Level 2 events.

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Charge time for this ObsId remains at original value of 3.0 ks, although with the current processing the charge time would have been 0.0 ksec.