

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1414 - L2 Version 5

Chandra X-Ray Center

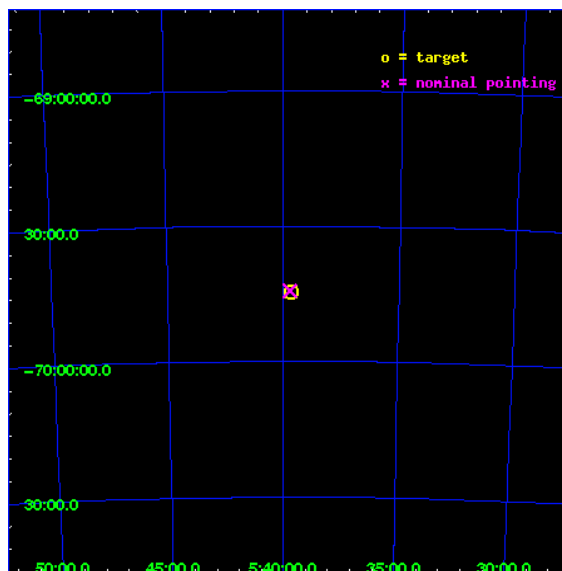
L2 Processing Date : Nov 20 2009

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1 Front

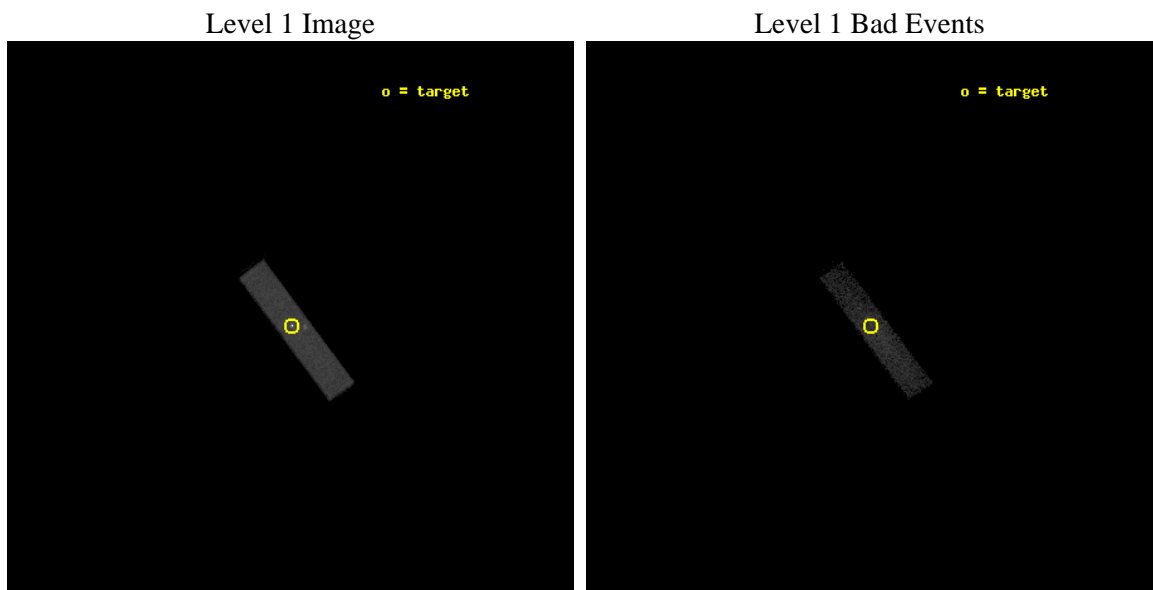
seq_num	480364	Sequence number
obs_id	1414	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	84.92631512892	Nominal RA
dec_nom	-69.738790127421	Nominal Dec
roll_nom	53.171926027019	Nominal Roll
revision	5	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



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	0.0	[s]
caldbver	4.1.4	 	l1events	93905	Number of level 1 events
date	2009-11-20T14:02:00	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

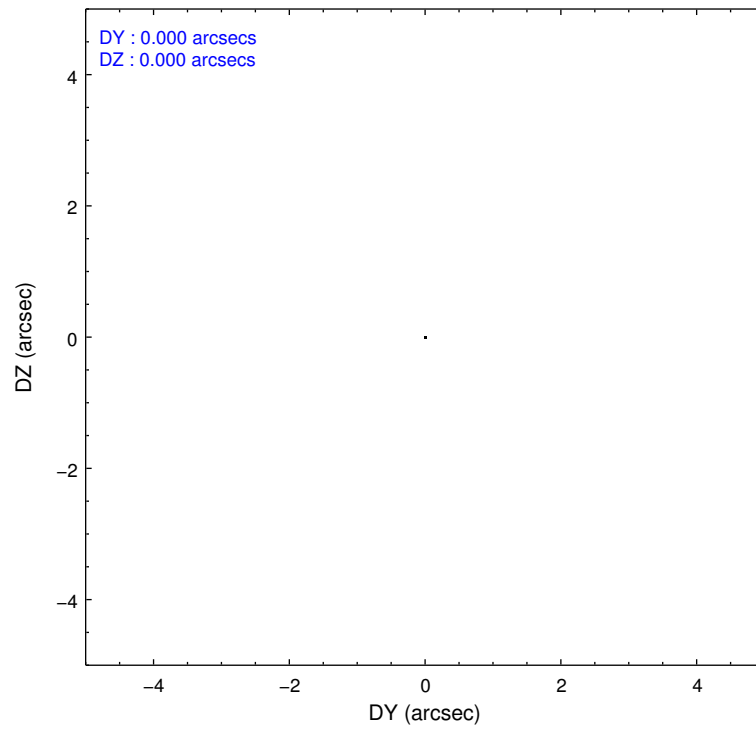
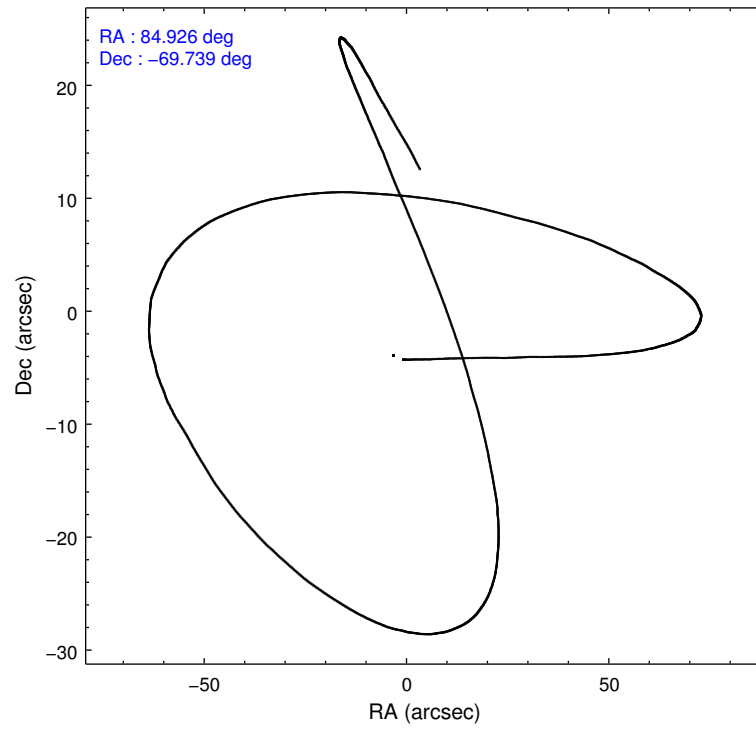
	segment 1	segment 2	segment 3
level 1 events	0	93905	0
rejected events	0	14793	0
rejected %	0%	15%	0%

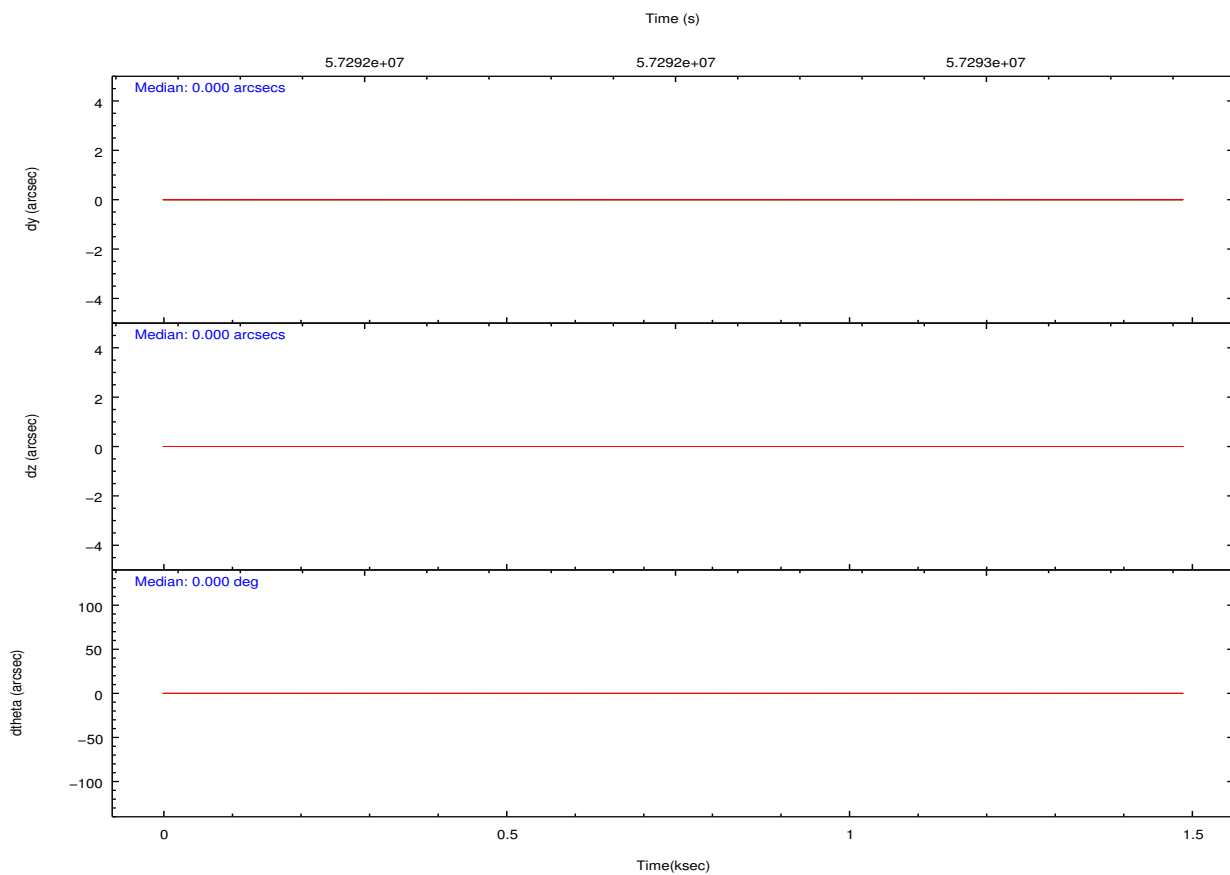
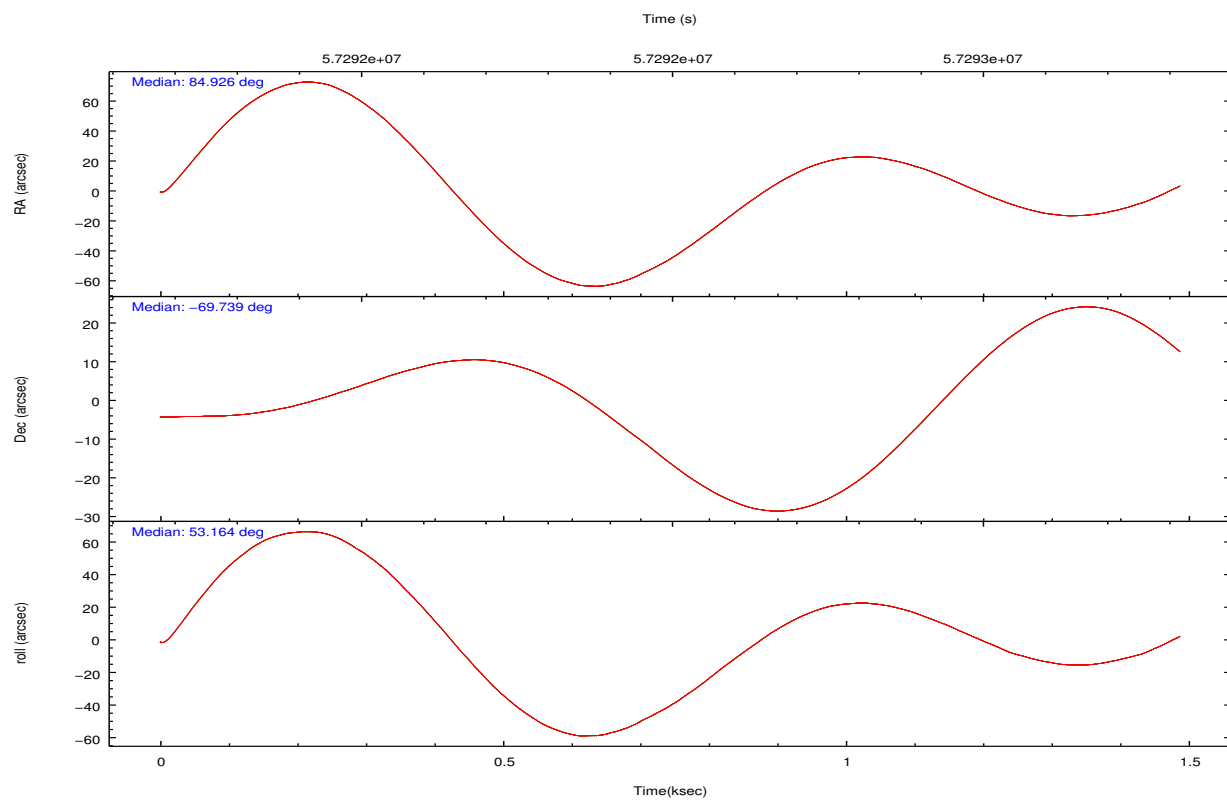
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	84.917247	84.92631512892008
Pointing Dec	-69.768486	-69.73879012742128
Pointing Roll	53.096065	53.1719260270194
SIM focus pos (mm)	-1.388166	-1.468893401166421
SIM defocus (mm)	0.1451707710433288	0.06444323823787612
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	57292238.184000	57291572.21387
Observation start date	1999-10-26T02:29:34	1999-10-26T02:19:32
Observation end time	57293238.184000	57293372.626435
Observation end date	1999-10-26T02:46:14	1999-10-26T02:49:32

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



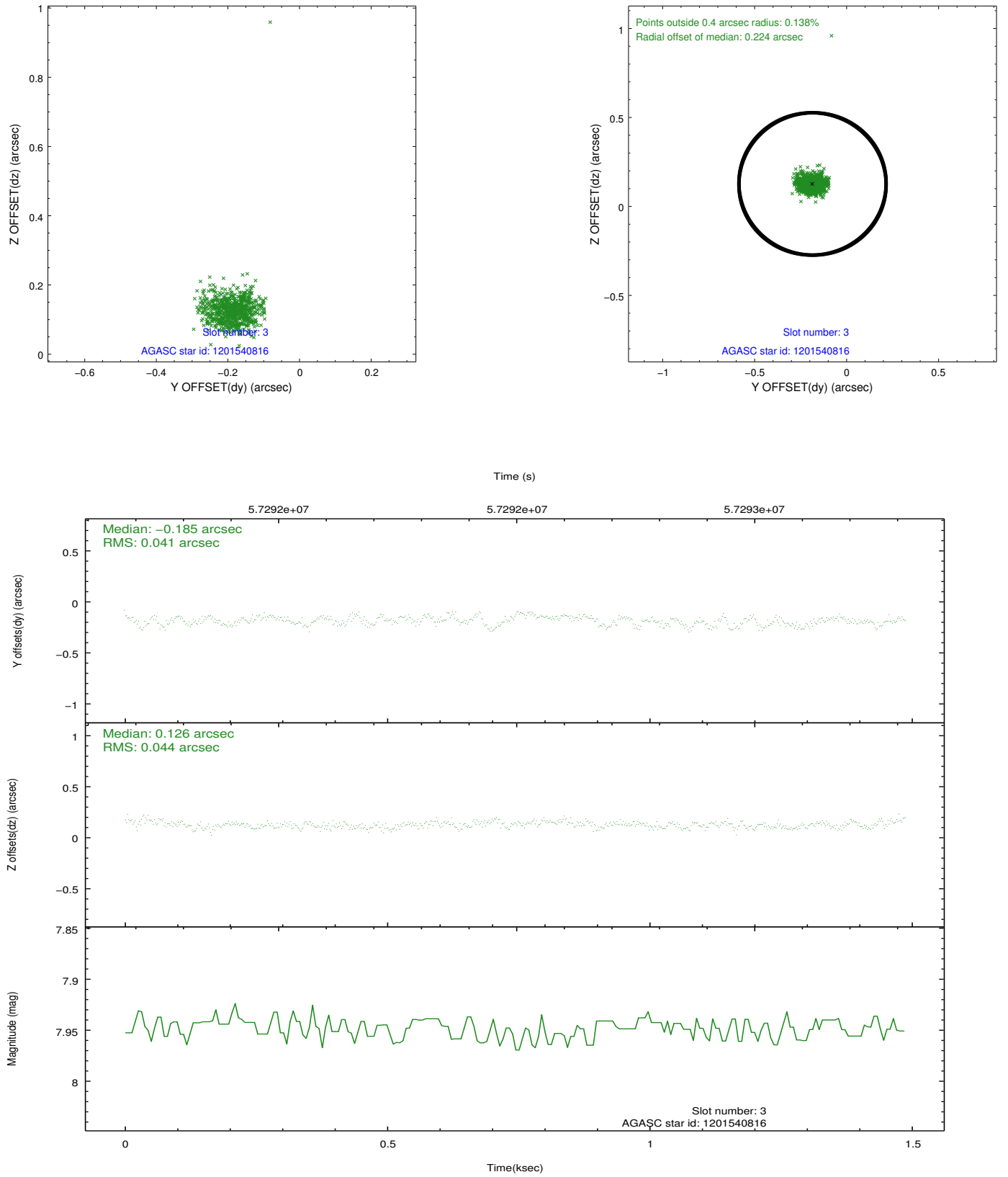


Slot Statistics

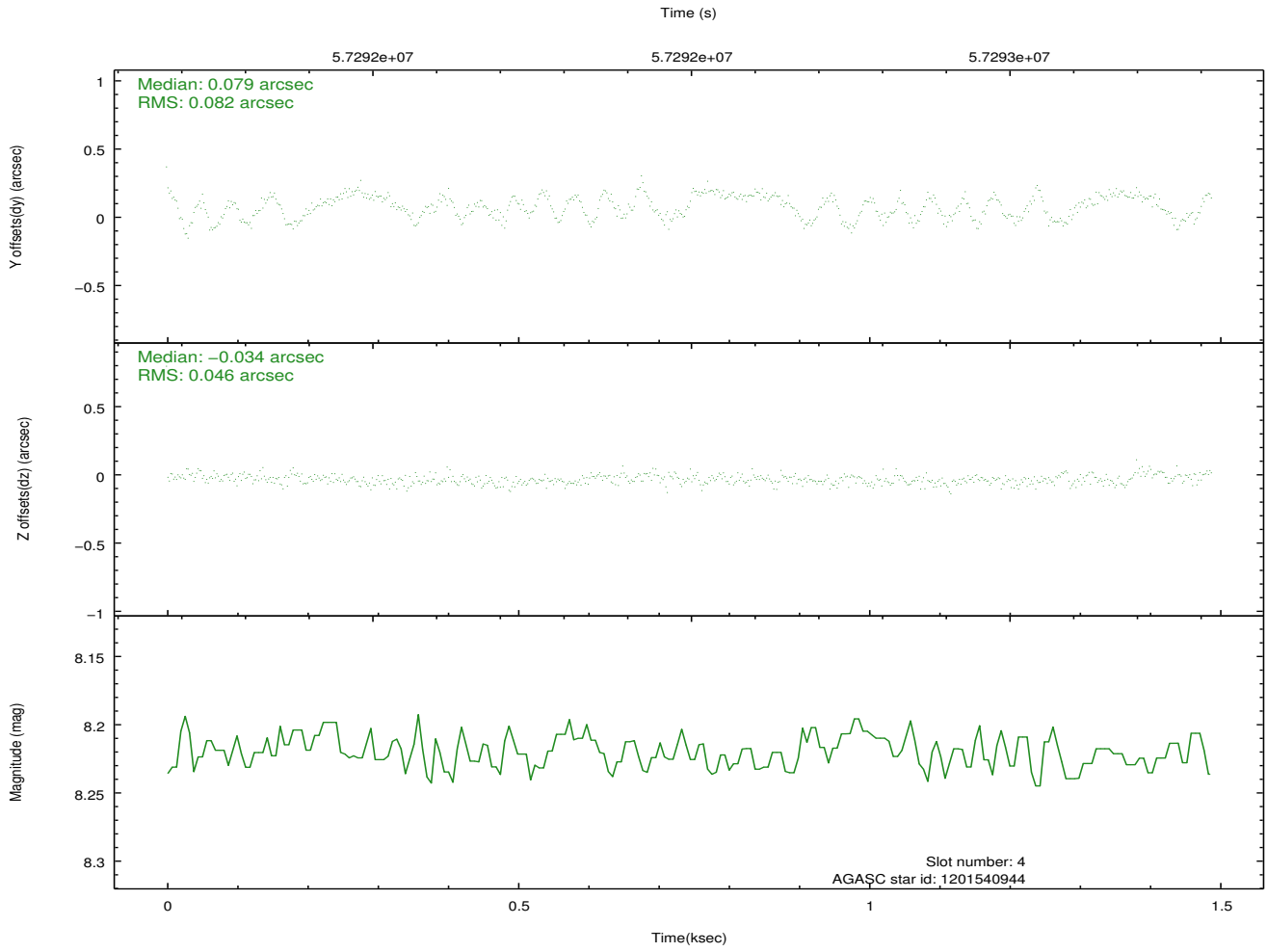
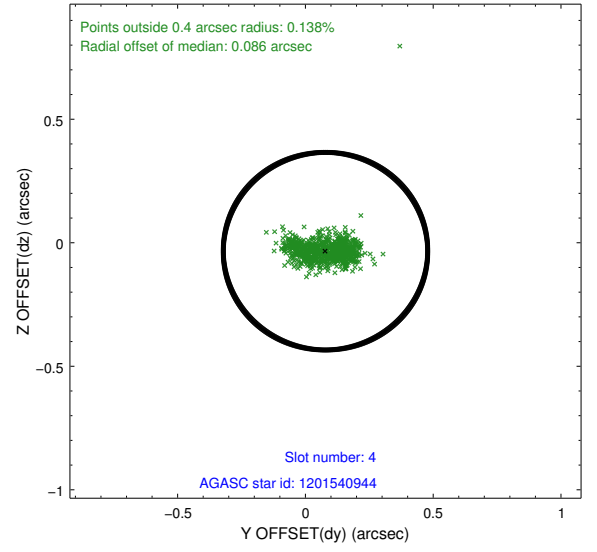
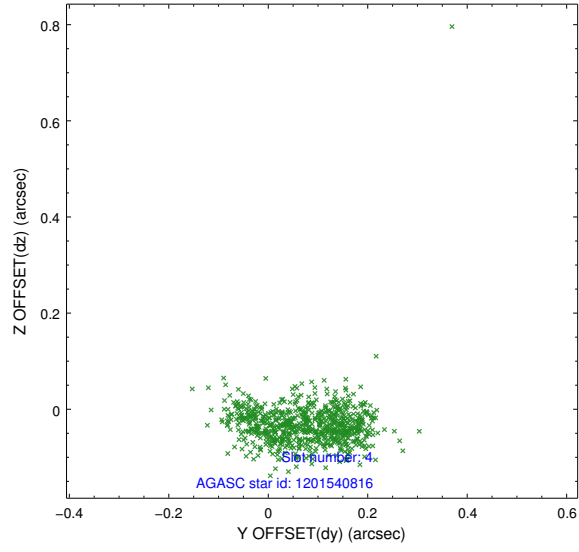
slot	status	id	mag	n_pts	med_dy	med_dz	drl	dr2	ra	dec	mean_y	mean_z
0	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
1	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	1201540816	7.95	727	-0.185	0.126	0.055	0.089	86.998494	-69.749817	1571.74	-2058.71
4	GUIDE	1201540944	8.22	727	0.079	-0.034	0.097	0.150	87.496877	-69.685010	2120.26	-2440.02
5	GUIDE	1201407840	7.96	727	-0.002	-0.086	0.059	0.094	83.696303	-70.172201	-2070.16	307.20
6	GUIDE	1201410616	9.37	727	0.018	-0.078	0.135	0.226	82.516808	-69.784406	-1892.33	2318.19
7	GUIDE	1201406992	9.28	726	0.061	0.069	0.090	0.146	83.682859	-69.471866	-100.88	1881.48

2.4 Star Slots

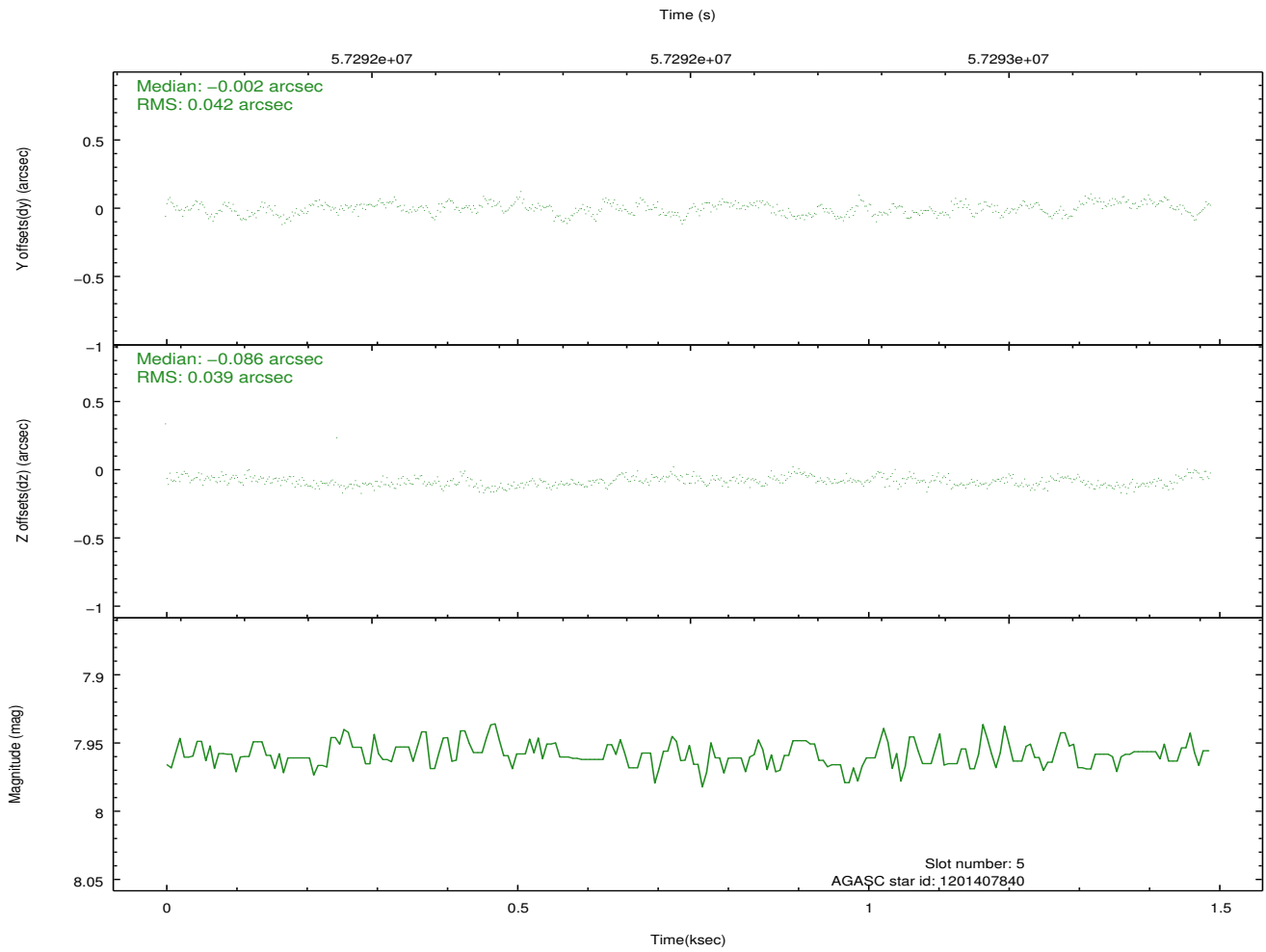
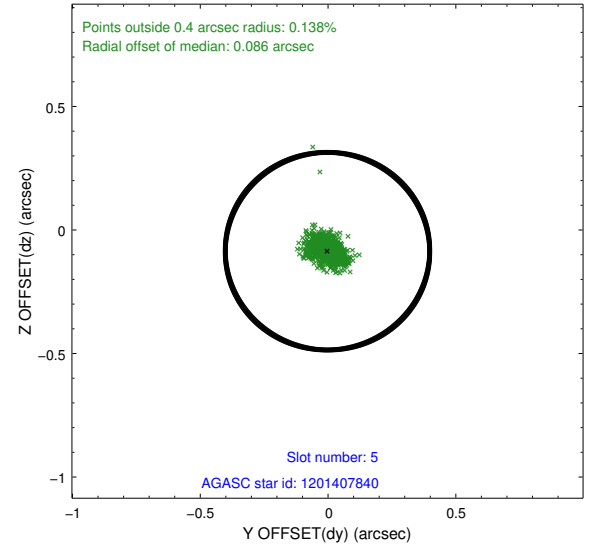
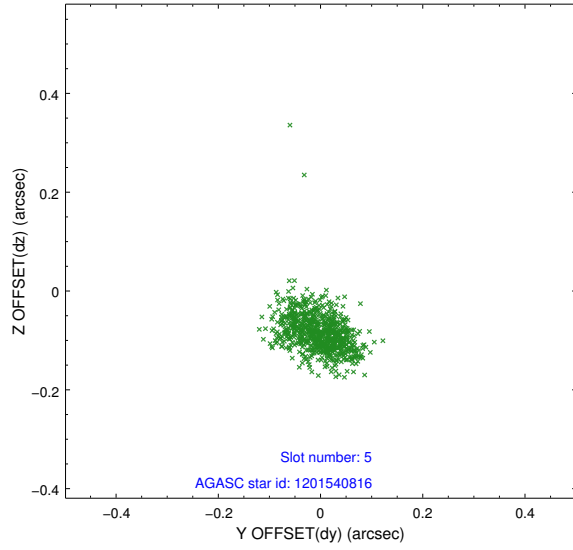
2.4.1 Slot 3



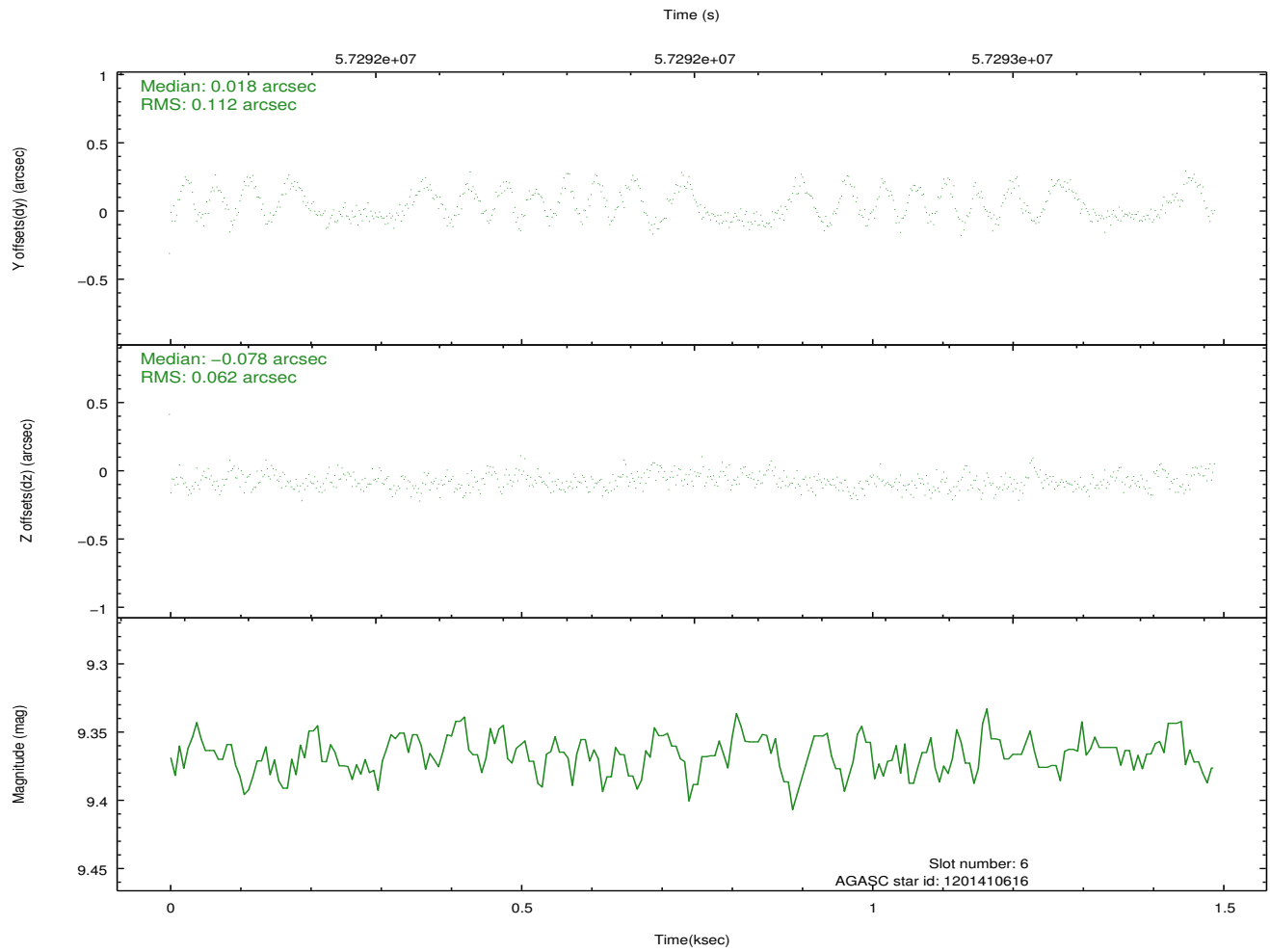
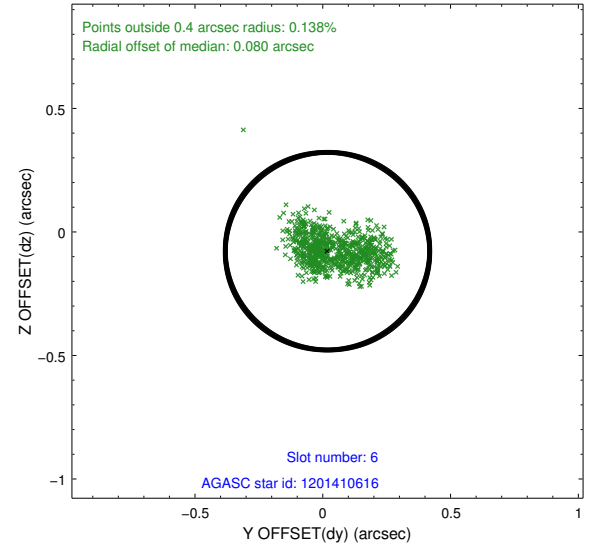
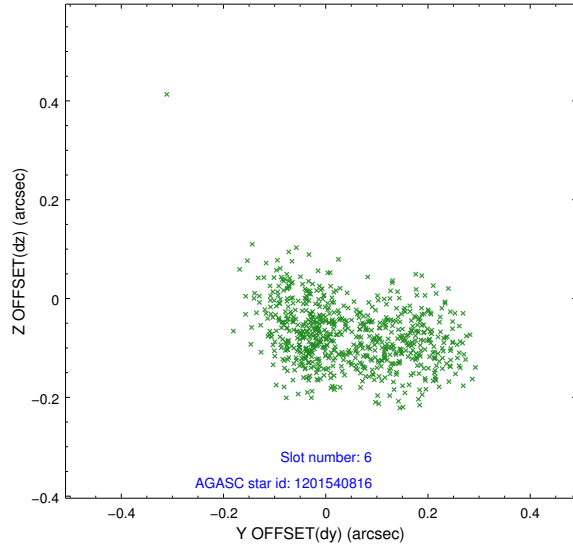
2.4.2 Slot 4



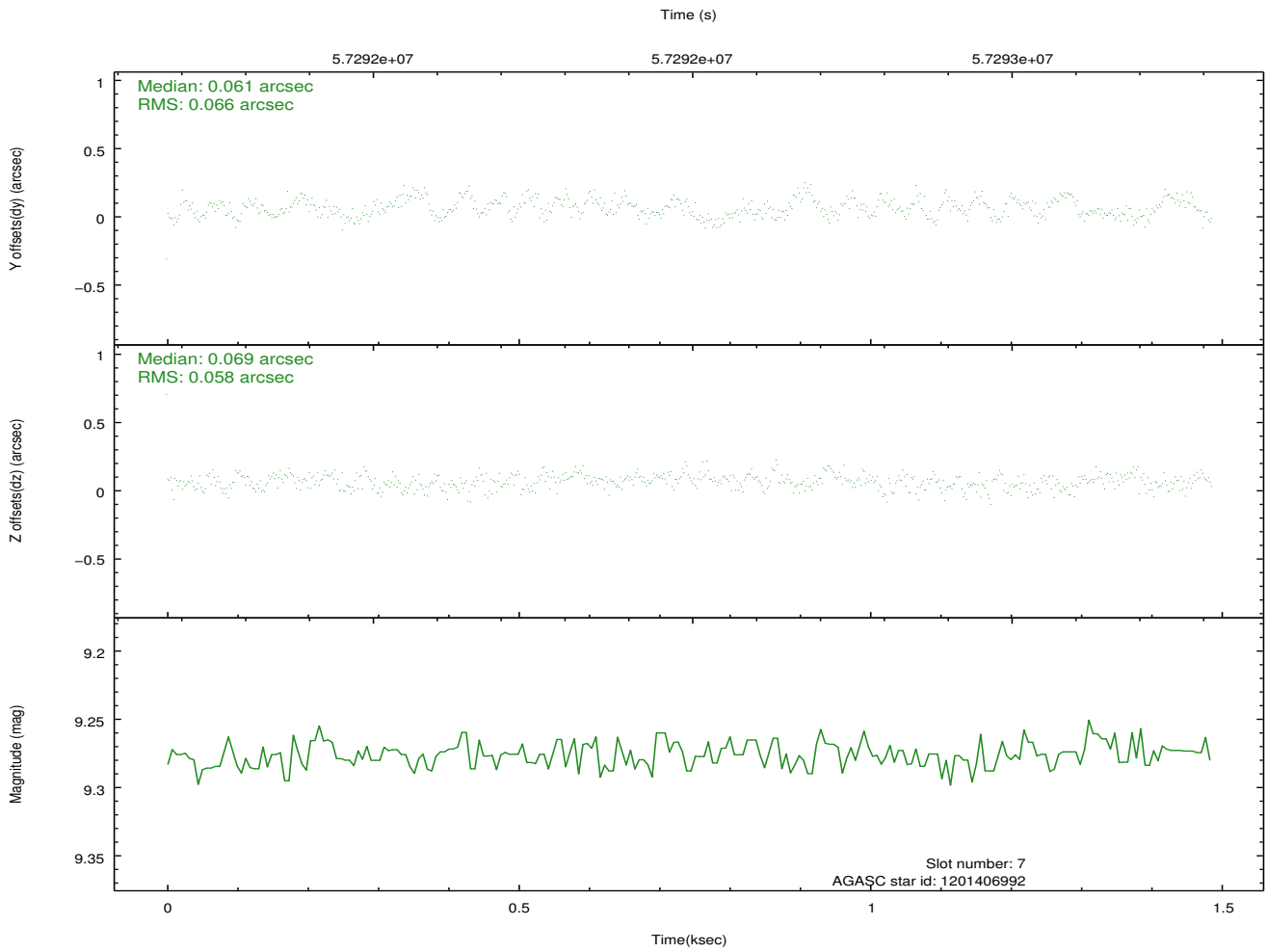
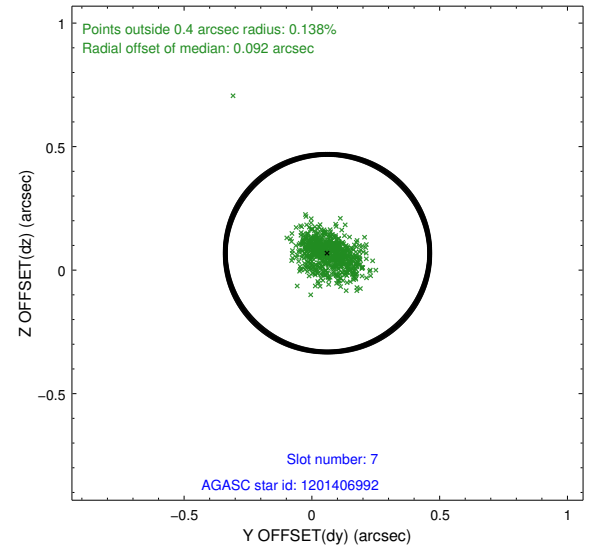
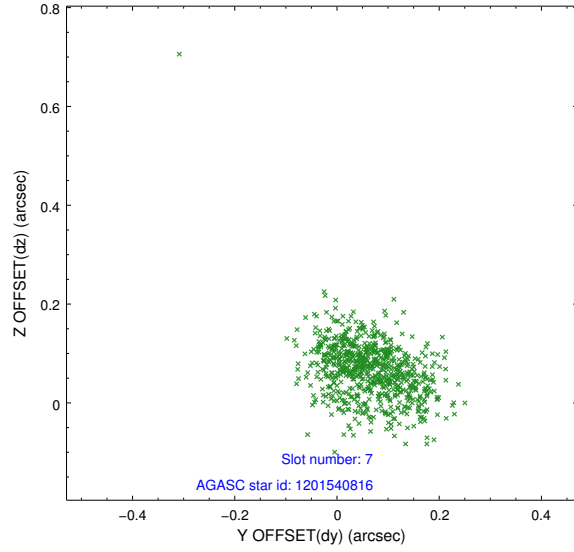
2.4.3 Slot 5



2.4.4 Slot 6



2.4.5 Slot 7



2.5 FID Slots

3 Point Sources

A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1

A.2 Comments

HRC-S focus test.=====

First 0.25 ksec of the observation has count rate of 0 counts/sec.

Charge time for this ObsId remains at original value of 1 ksec, although with the current processing the charge time would have been 0 ksec.

Due to an operational problem, the appropriate fid lights were not turned

on for this observation. Therefore there is no Good Time Interval and no events in the Level 2 event list. The Level 1 data are good.

The Charge Time is taken from the Level 1 events.