

# V&V Reference Report

## L2 ASCDS Version : 8.1.1

Observation 1425 - L2 Version 5

Chandra X-Ray Center

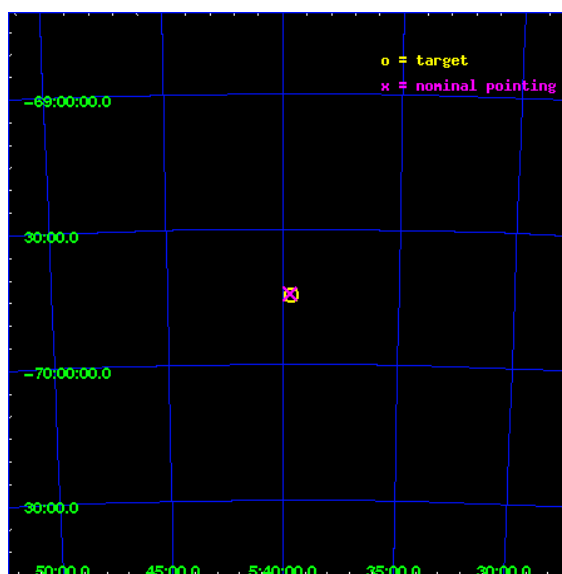
L2 Processing Date : Nov 20 2009

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# 1 Front

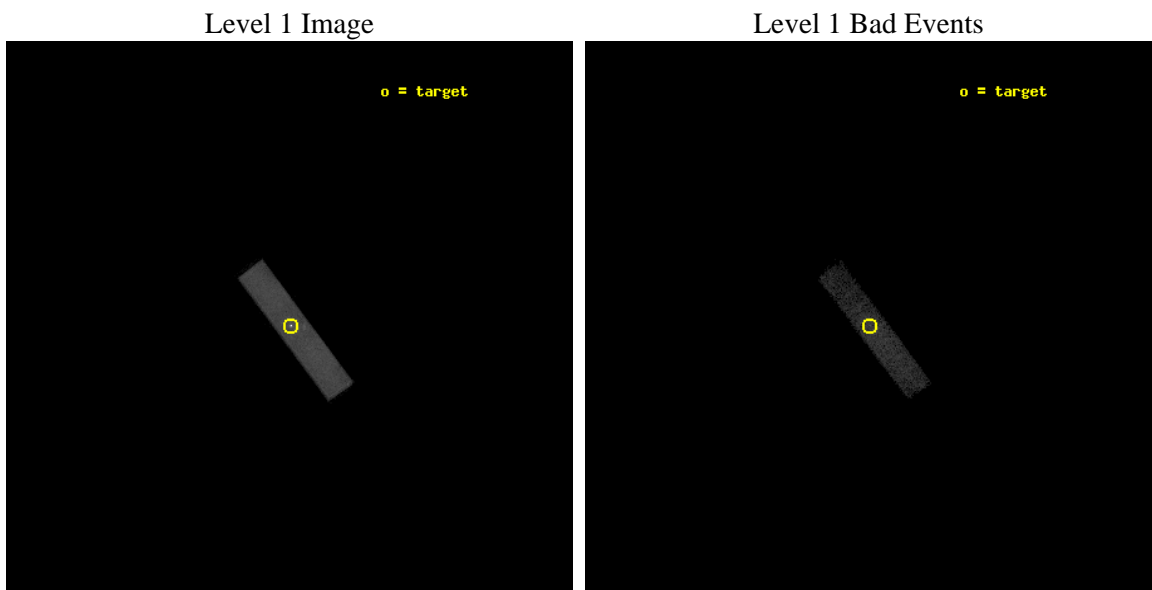
seq_num	480375	Sequence number
obs_id	1425	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	84.926391618799	Nominal RA
dec_nom	-69.738768937719	Nominal Dec
roll_nom	53.129964765886	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	&#160	l1events	120356	Number of level 1 events
date	2009-11-20T14:06:09	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

Level 1 Events

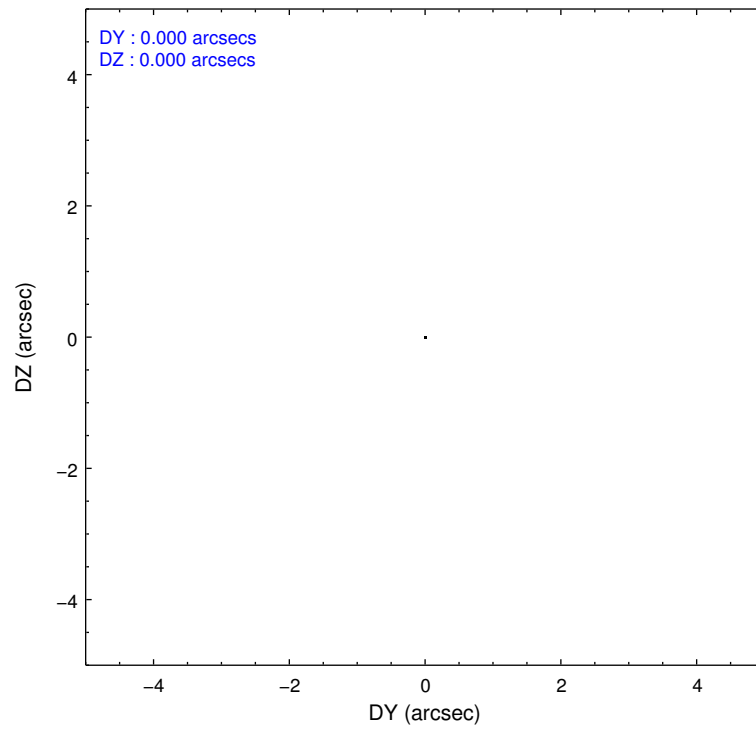
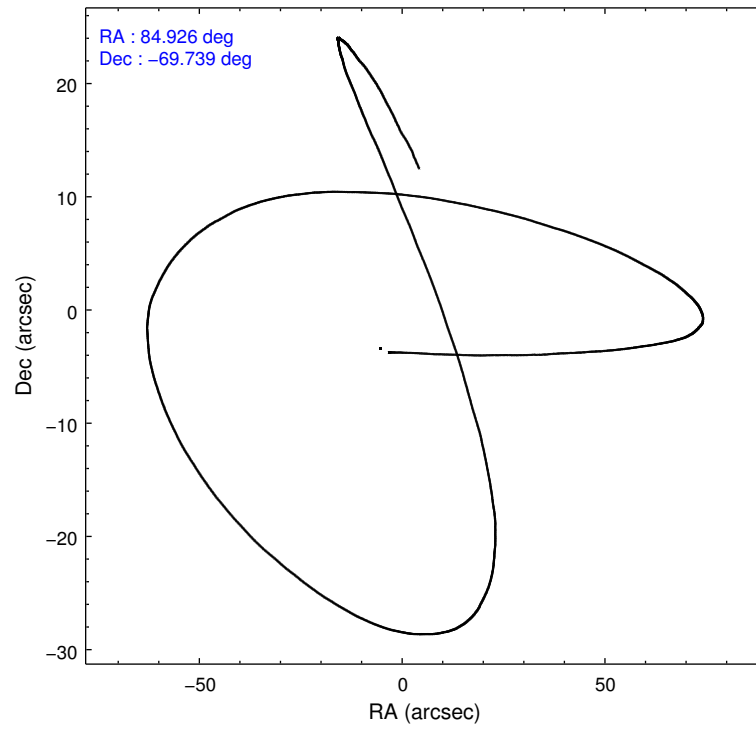
	segment 1	segment 2	segment 3
level 1 events	0	120356	0
rejected events	0	16407	0
rejected %	0%	13%	0%

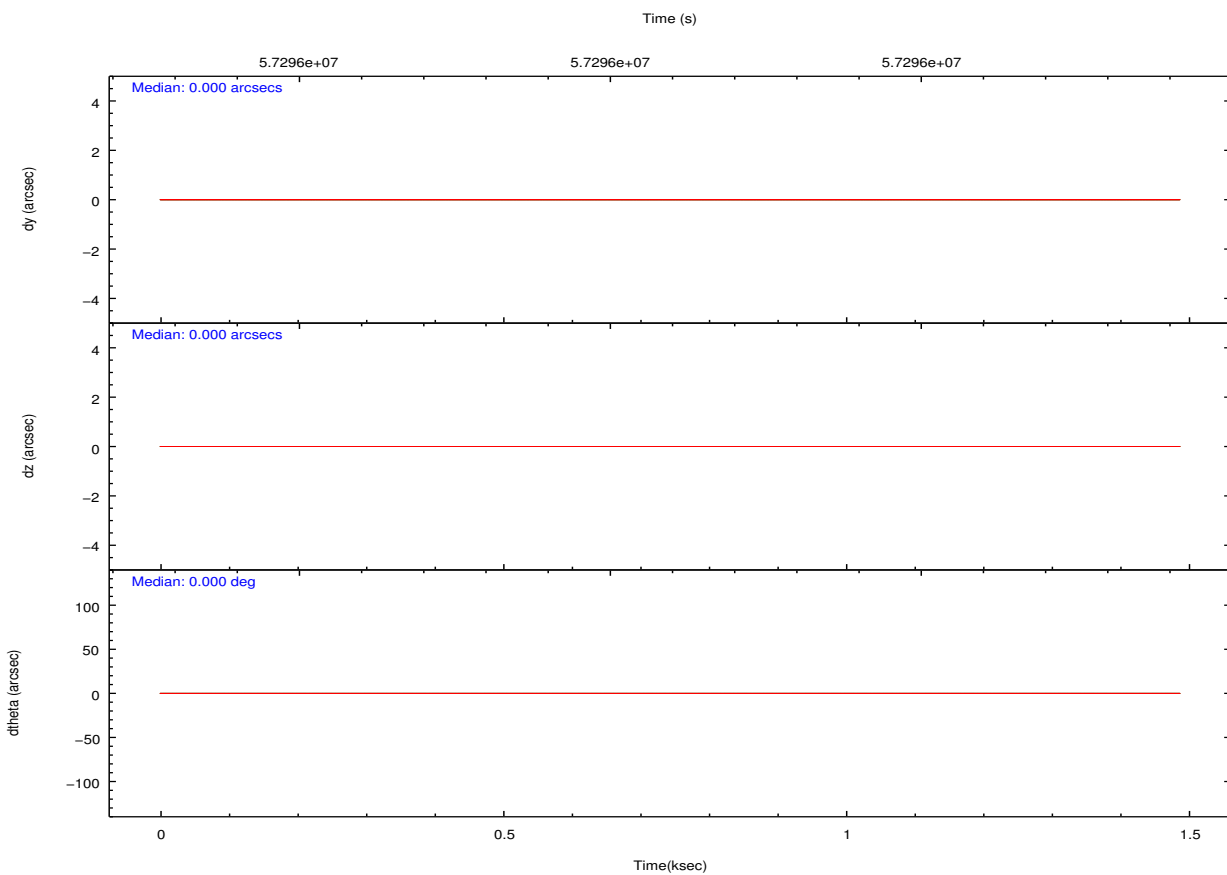
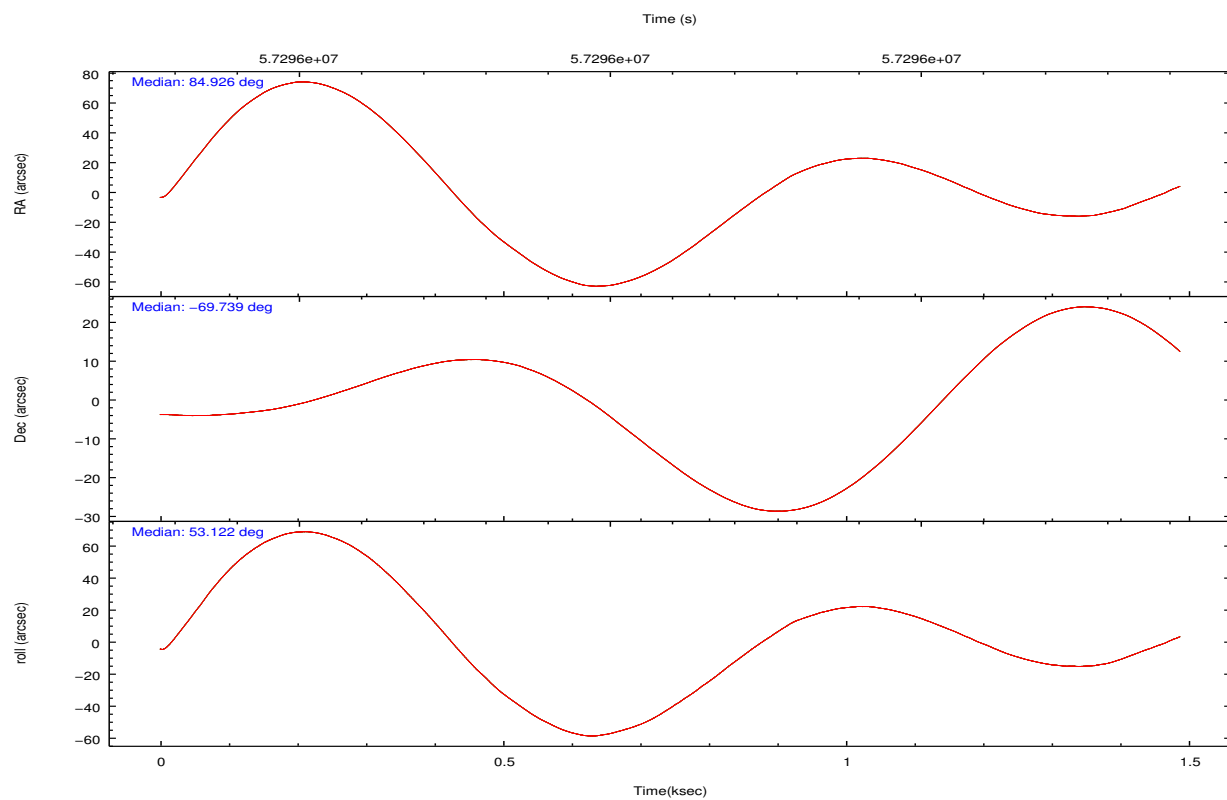
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	84.917183	84.92639161879909
Pointing Dec	-69.768469	-69.73876893771867
Pointing Roll	53.053984	53.12996476588557
SIM focus pos (mm)	-1.595266	-1.664505521425923
SIM defocus (mm)	-0.06192922895667125	-0.1311688820216266
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	57295838.184000	57295173.039
Observation start date	1999-10-26T03:29:34	1999-10-26T03:19:33
Observation end time	57296838.184000	57296972.939065
Observation end date	1999-10-26T03:46:14	1999-10-26T03:49:32

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

## 2.3 Aspect





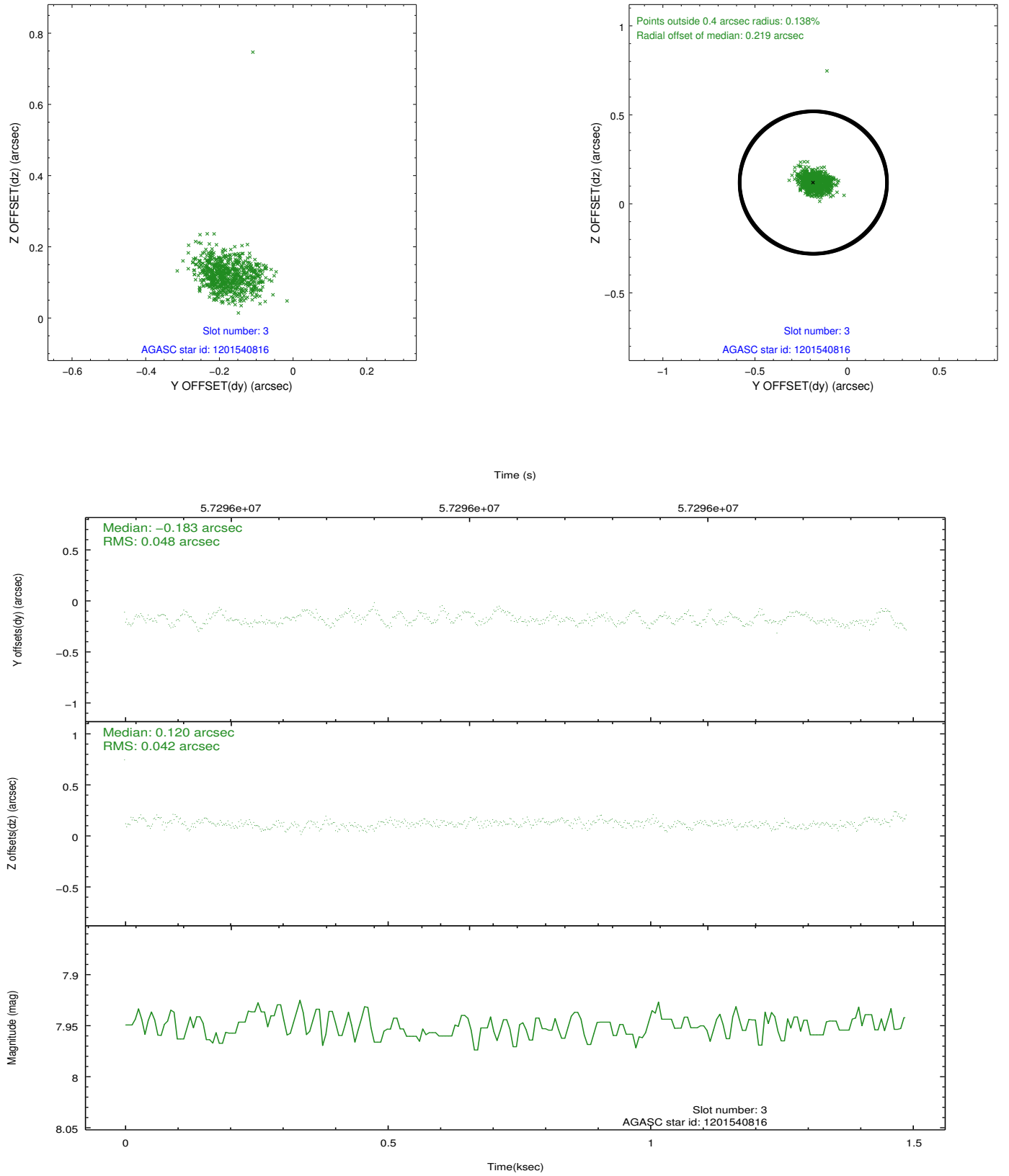
Slot Statistics

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	-0.183	0.120	0.065	0.101	86.998494	-69.749817	1573.15	-2057.55
4	GUIDE	1201540944	8.22	727	0.050	-0.011	0.086	0.144	87.496877	-69.685010	2121.91	-2438.43
5	GUIDE	1201407840	7.96	727	-0.005	-0.090	0.057	0.094	83.696303	-70.172201	-2070.48	305.72
6	GUIDE	1201410616	9.37	726	0.086	-0.085	0.140	0.217	82.516808	-69.784406	-1894.11	2316.82
7	GUIDE	1201406992	9.28	726	0.053	0.064	0.088	0.138	83.682859	-69.471866	-102.35	1881.44

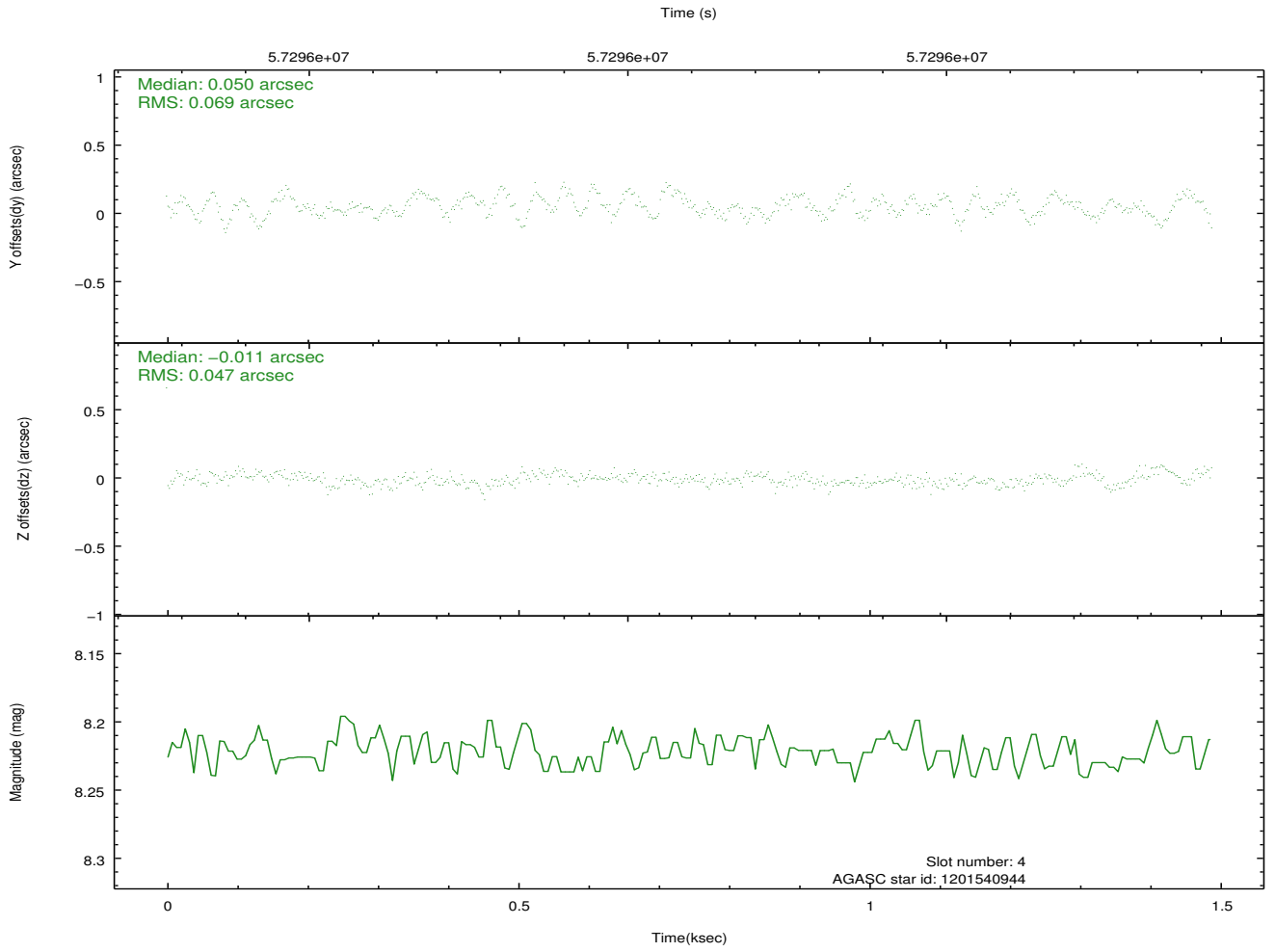
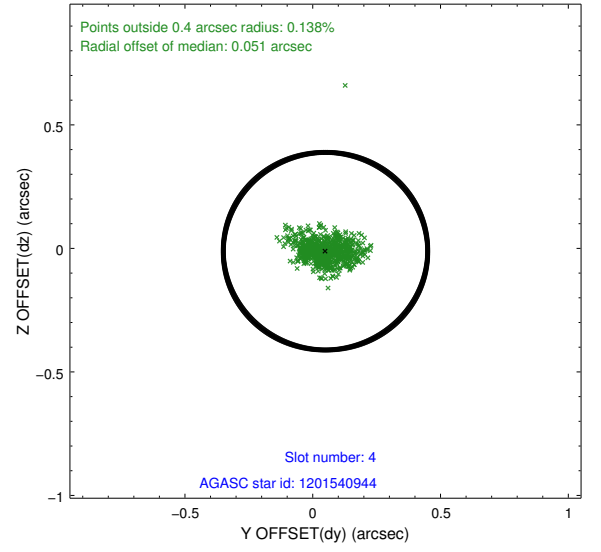
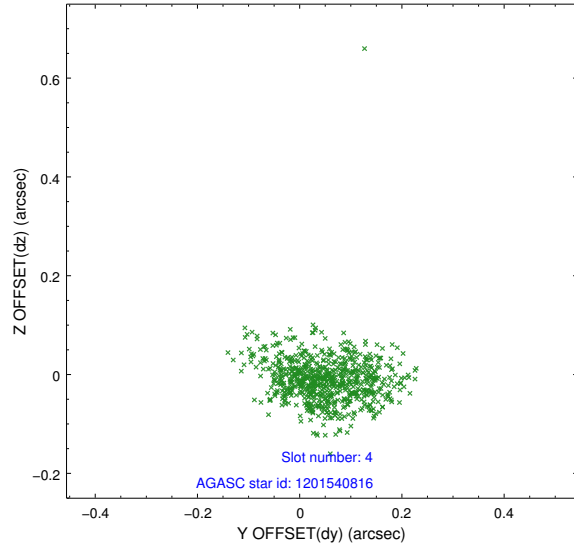


## 2.4 Star Slots

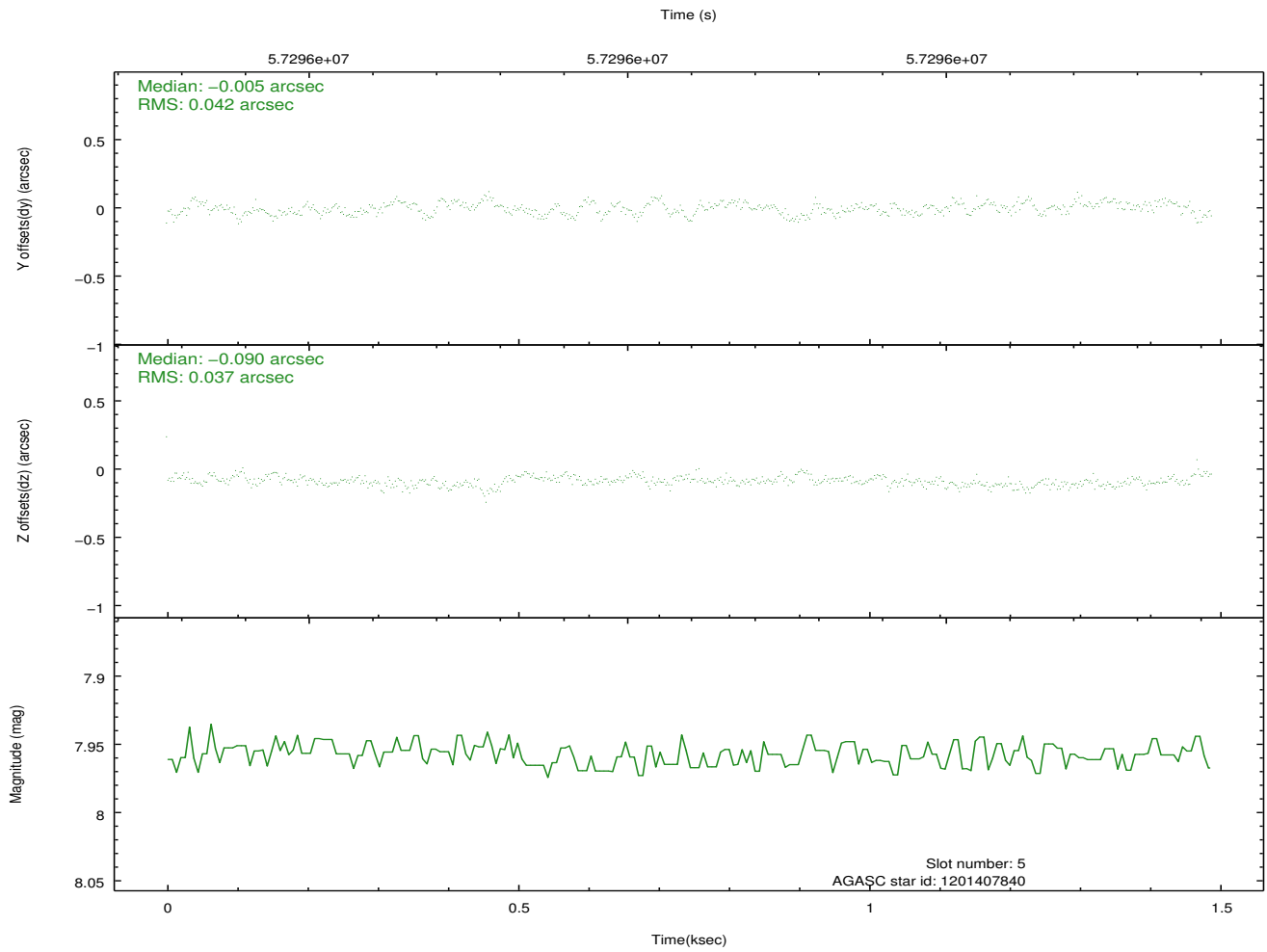
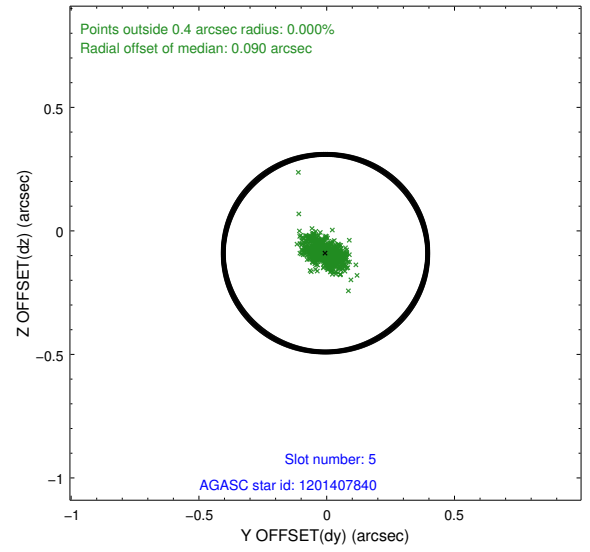
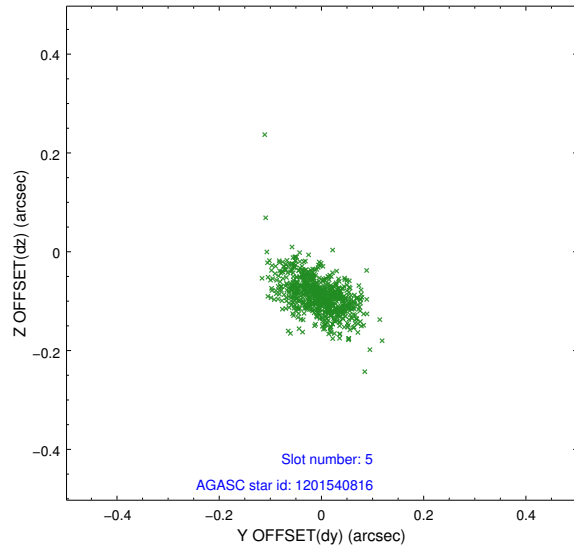
### 2.4.1 Slot 3



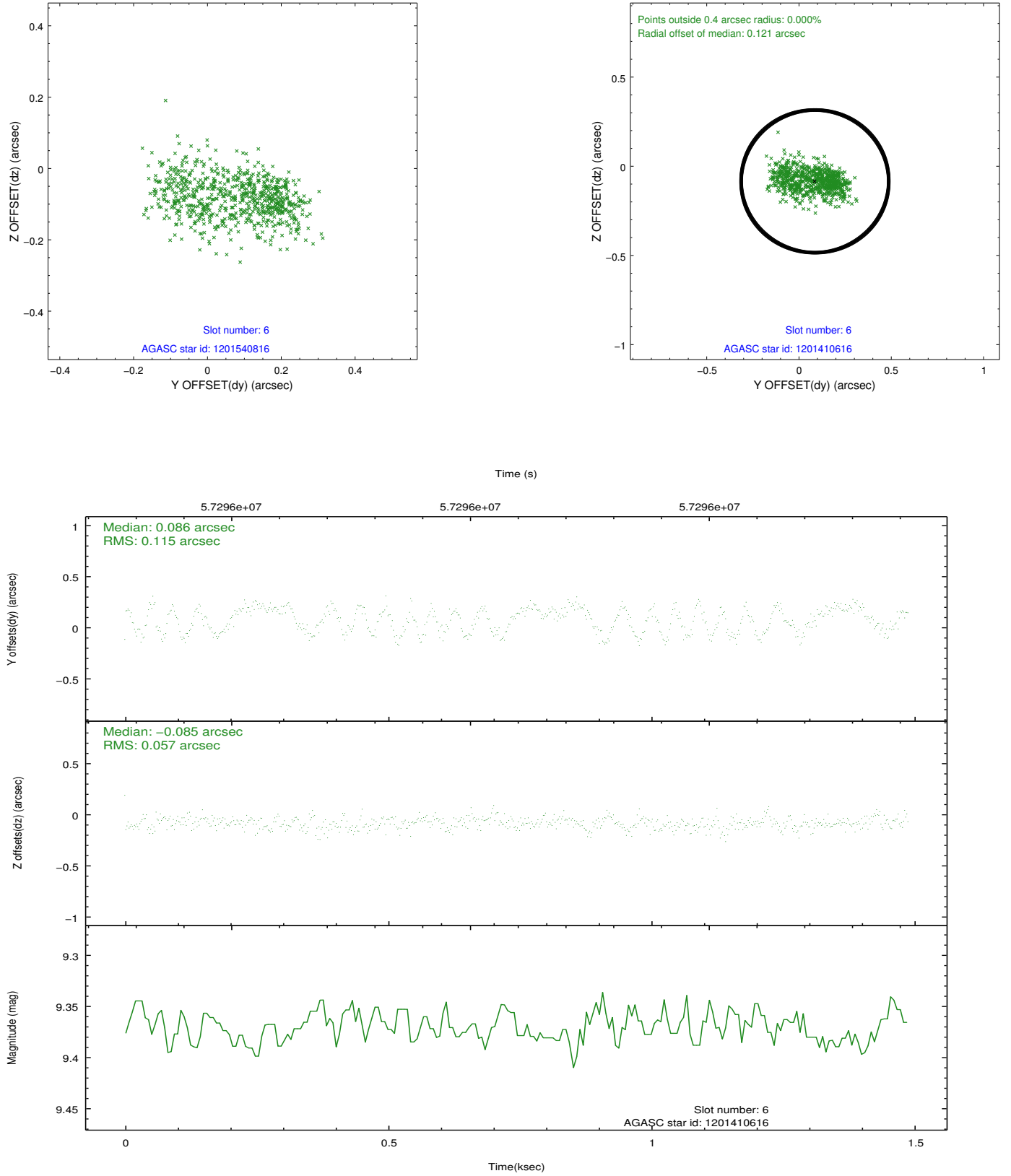
## 2.4.2 Slot 4



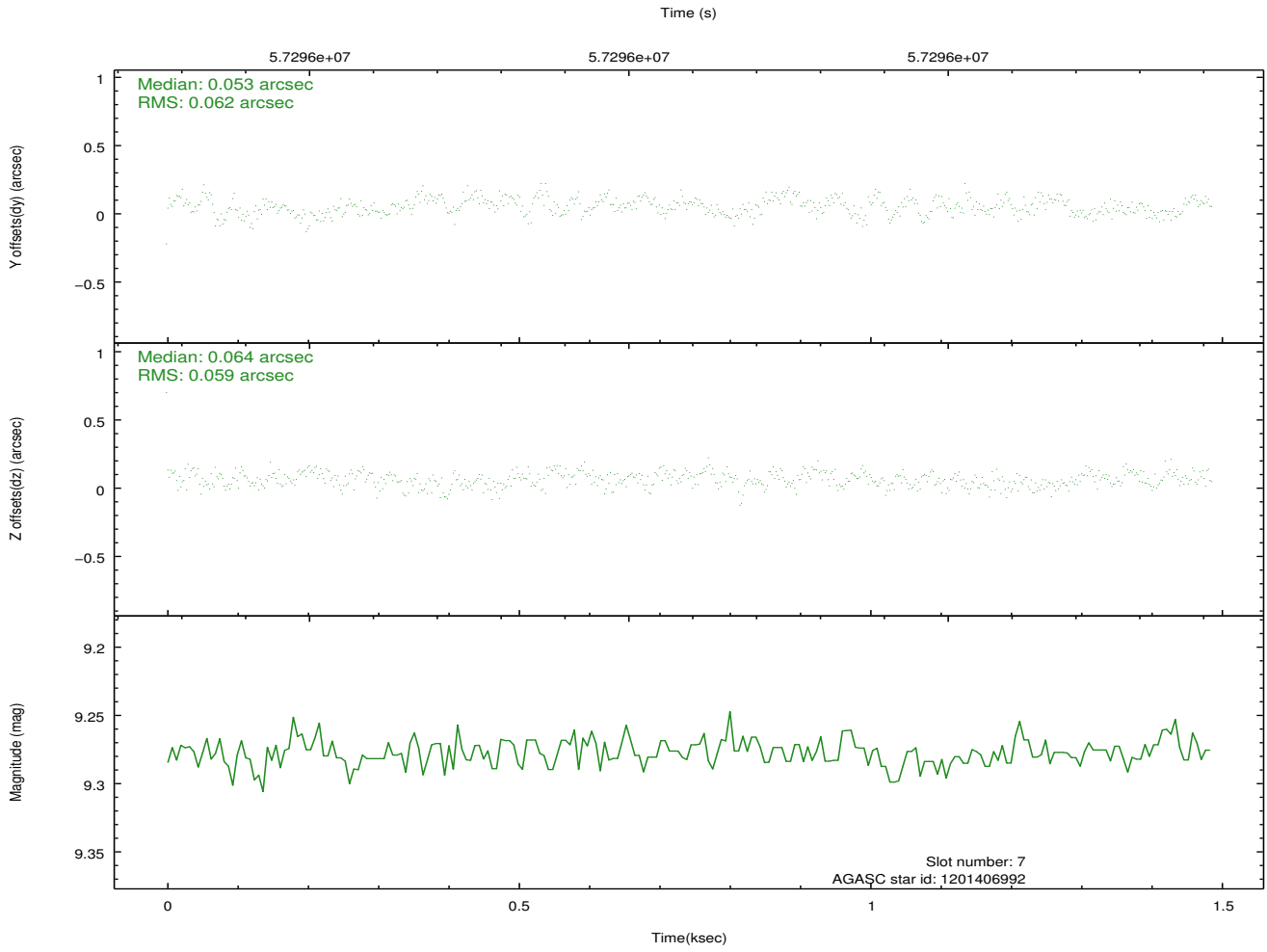
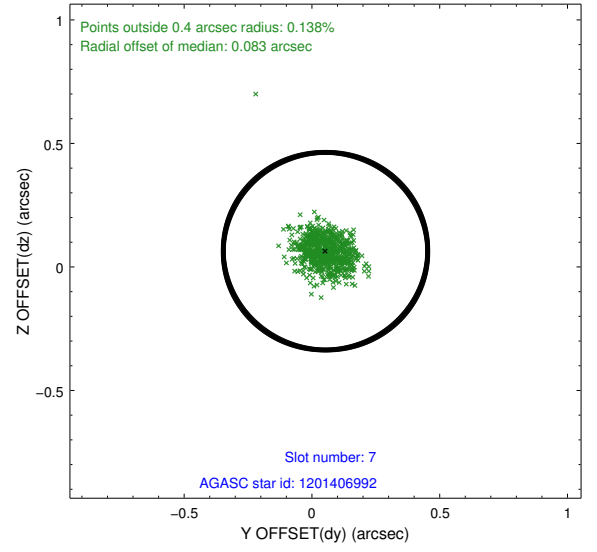
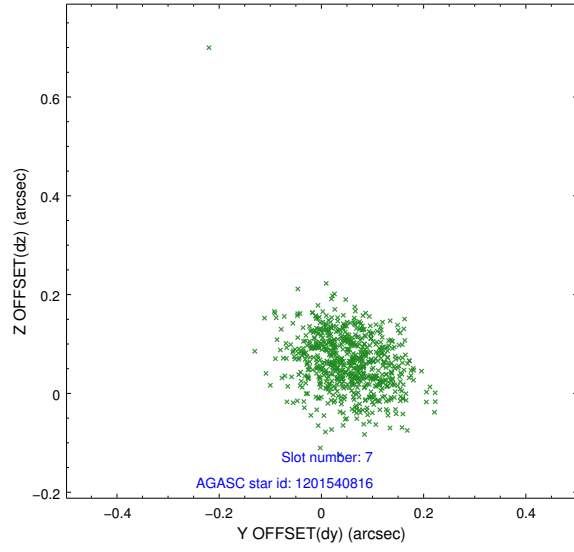
### 2.4.3 Slot 5



## 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)	2009.12.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1

## A.2 Comments

No fid lights were used during this observation, so there is no Good Time Interval. As a result, there are no Level 2 events. However, the Level 1 event energy data are good. The aspect solution is compromised.

=====

Charge time for this ObsId remains at original value of 1 ks, although with the current processing the charge time would have been 0 ksec. The Charge Time of 1 ksec is taken from the Level 1 event time.