

# V&V Reference Report

## L2 ASCDS Version : 8.2.1

Observation 1123 - L2 Version 4

Chandra X-Ray Center

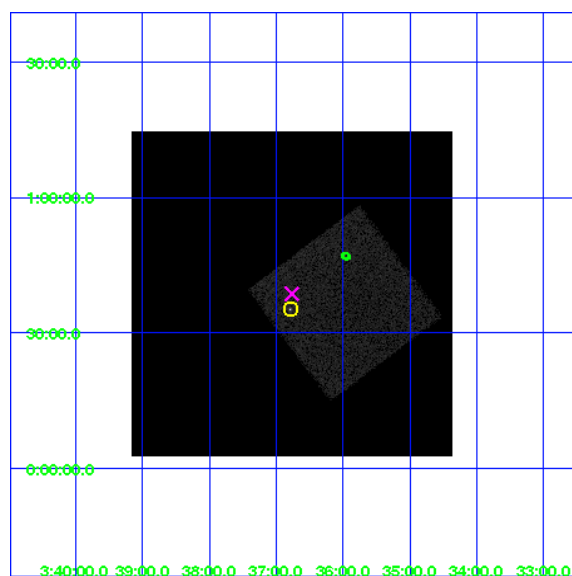
L2 Processing Date : Jan 12 2010

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# 1 Front

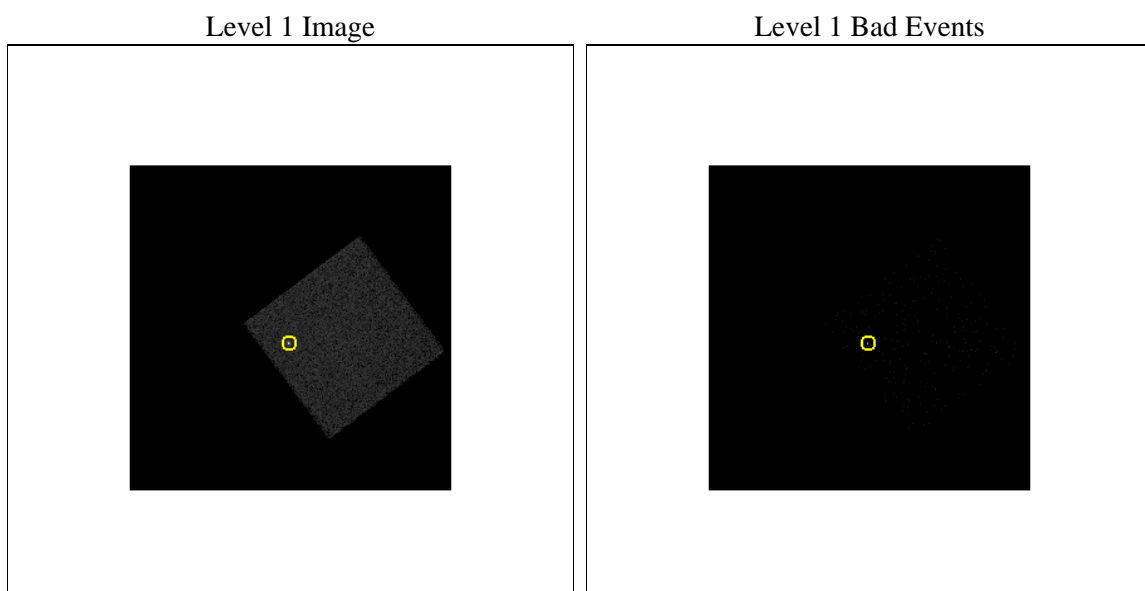
seq_num	280073	Sequence number
obs_id	1123	Observation id
title	&#160	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA
dec_targ	0.589972	Observer's specified target Dec
ra_nom	54.191044024773	Nominal RA
dec_nom	0.64512321933671	Nominal Dec
roll_nom	98.227766180524	Nominal Roll
revision	4	Processing version of data
ontime	794.63127853721	[s]
livetime	788.08101088147	Ontime multiplied by DTCOR
l2events	33114	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	8.2.1	Processing system revision	ontime	794.63127853721	[s]
caldbver	4.1.5	&#160	l1events	54468	Number of level 1 events
date	2010-01-12T22:18:47	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

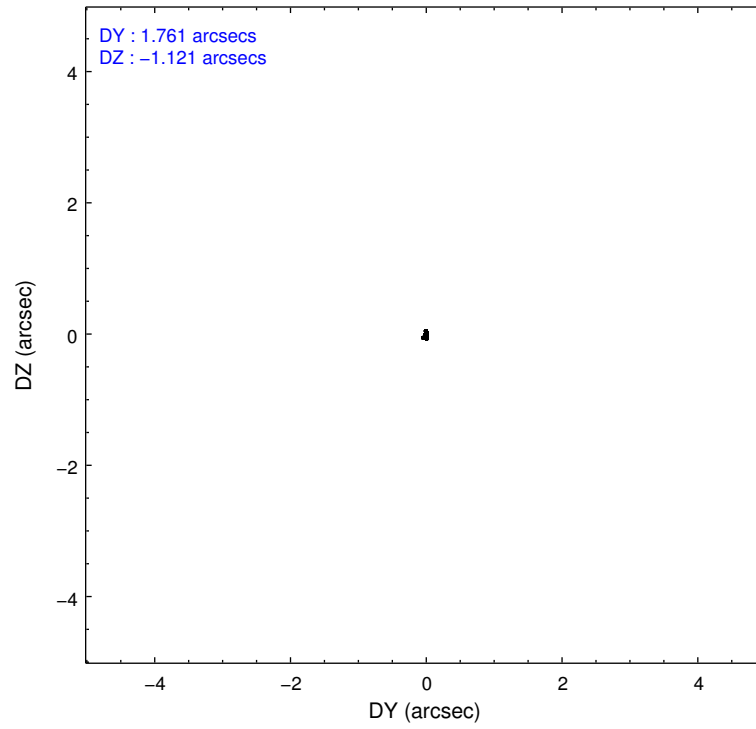
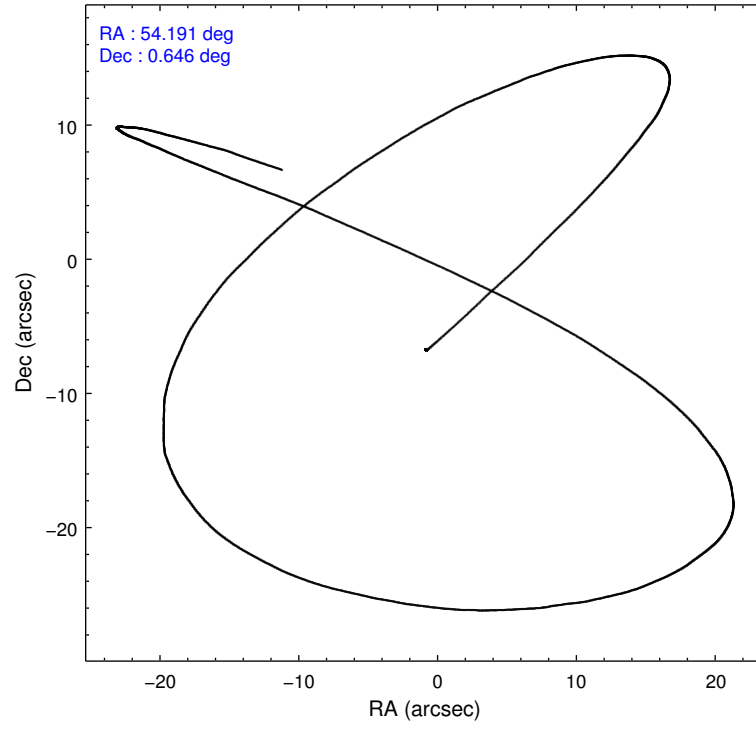
	<b>segment 0</b>
level 1 events	54468
rejected events	3246
rejected %	5%

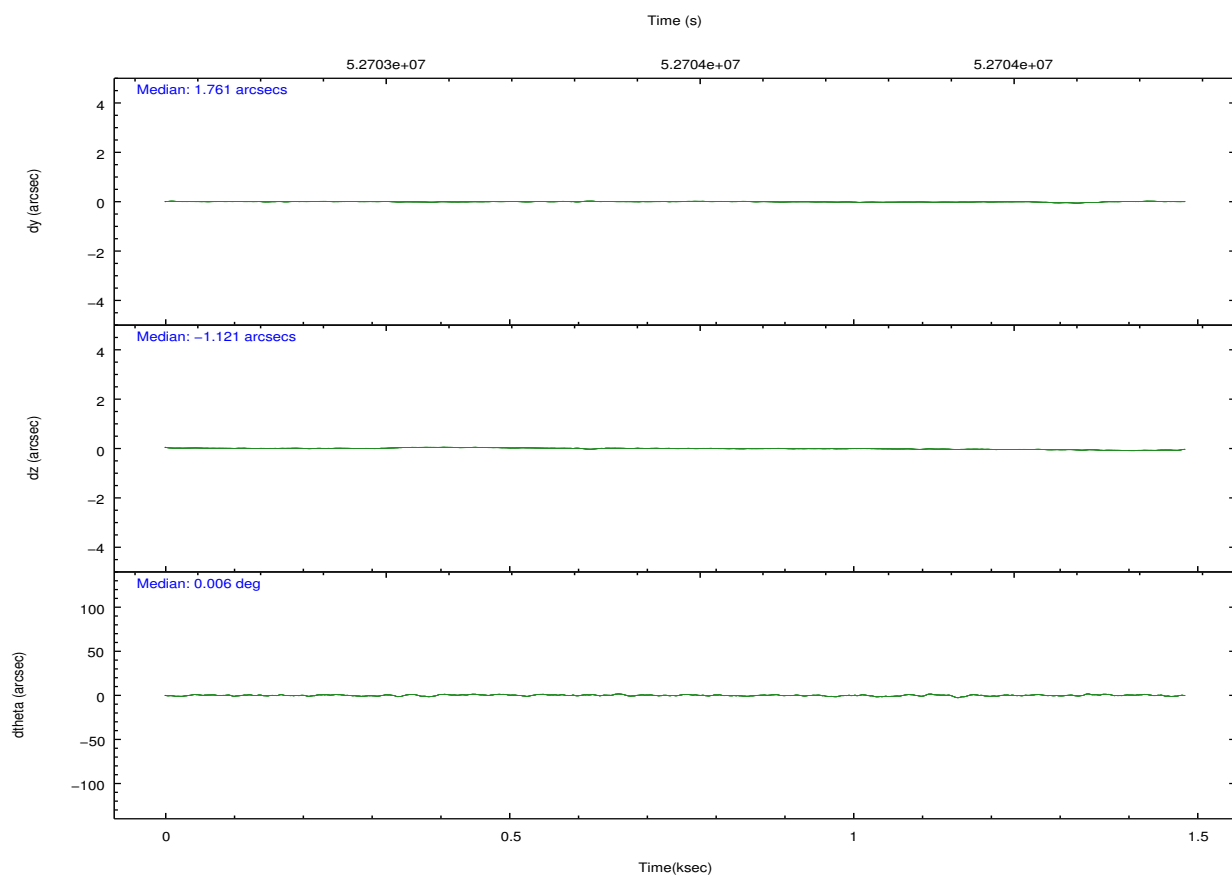
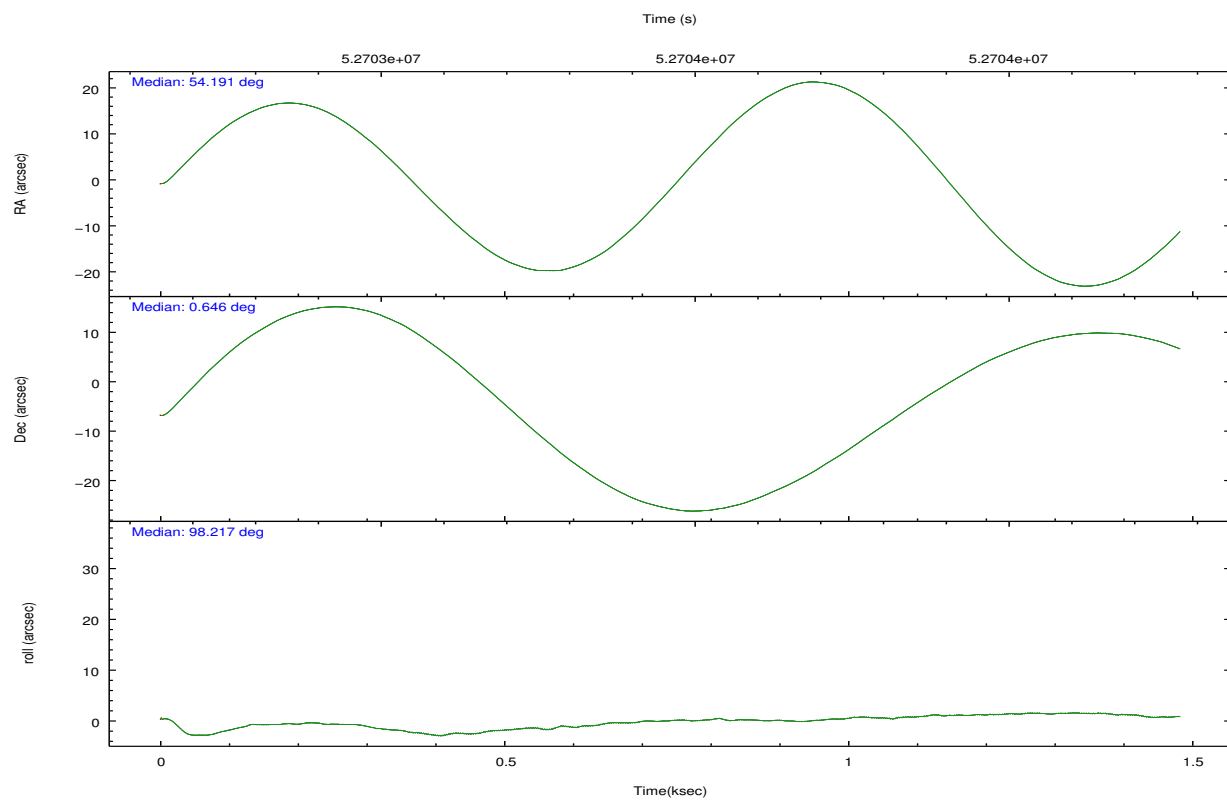
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	54.208146	54.19104402477276
Pointing Dec	0.622588	0.6451232193367147
Pointing Roll	98.323057	98.22776618052384
SIM focus pos (mm)	-1.040293	-1.300001029371461
SIM defocus (mm)	0	-0.259708408712586
SIM translation stage pos (mm)	91.869942	91.86553817309772
SIM translation stage offset (mm)	35.115552	35.11995071850384
Observation start time	52703202.184000	52702535.318482
Observation start date	1999-09-02T23:45:38	1999-09-02T23:35:35
Observation end time	52704202.184000	52704336.243546
Observation end date	1999-09-03T00:02:18	1999-09-03T00:05:36

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

## 2.3 Aspect





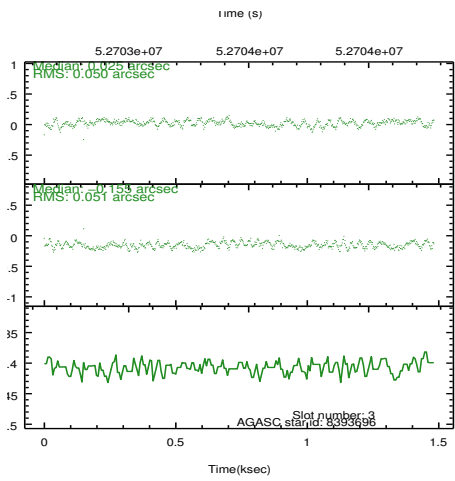
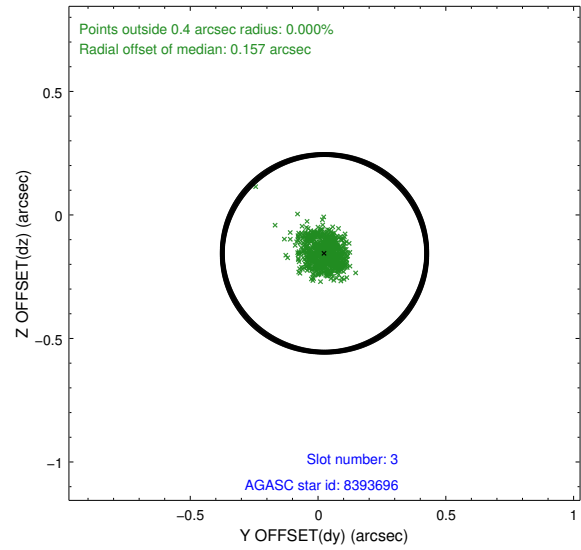
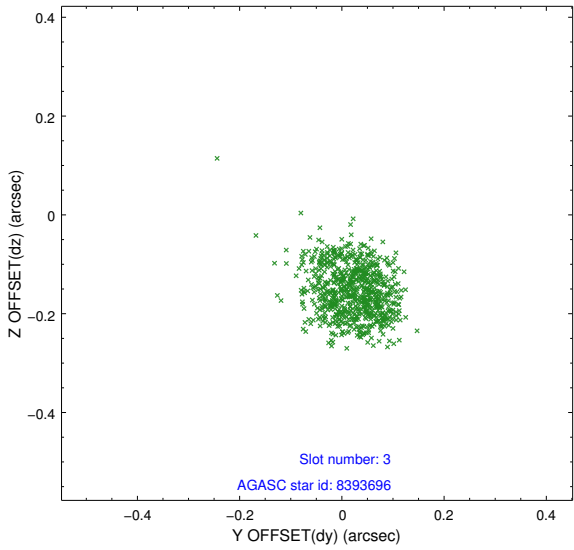
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	724	0.026	0.037	0.005	0.011	0.000000	0.000000	-755.75	-568.28
1	FID	HRC-I-3	7.01	724	0.054	-0.094	0.005	0.011	0.000000	0.000000	-1187.39	1739.10
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	8393696	8.41	724	0.025	-0.155	0.077	0.115	53.645666	0.680479	495.25	1973.17
4	GUIDE	8390744	9.02	703	-0.050	-0.077	0.069	0.112	53.677290	0.926294	1354.99	1735.34
5	GUIDE	8395104	8.66	721	0.026	0.229	0.078	0.112	54.744893	0.796520	338.46	-1999.78
6	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

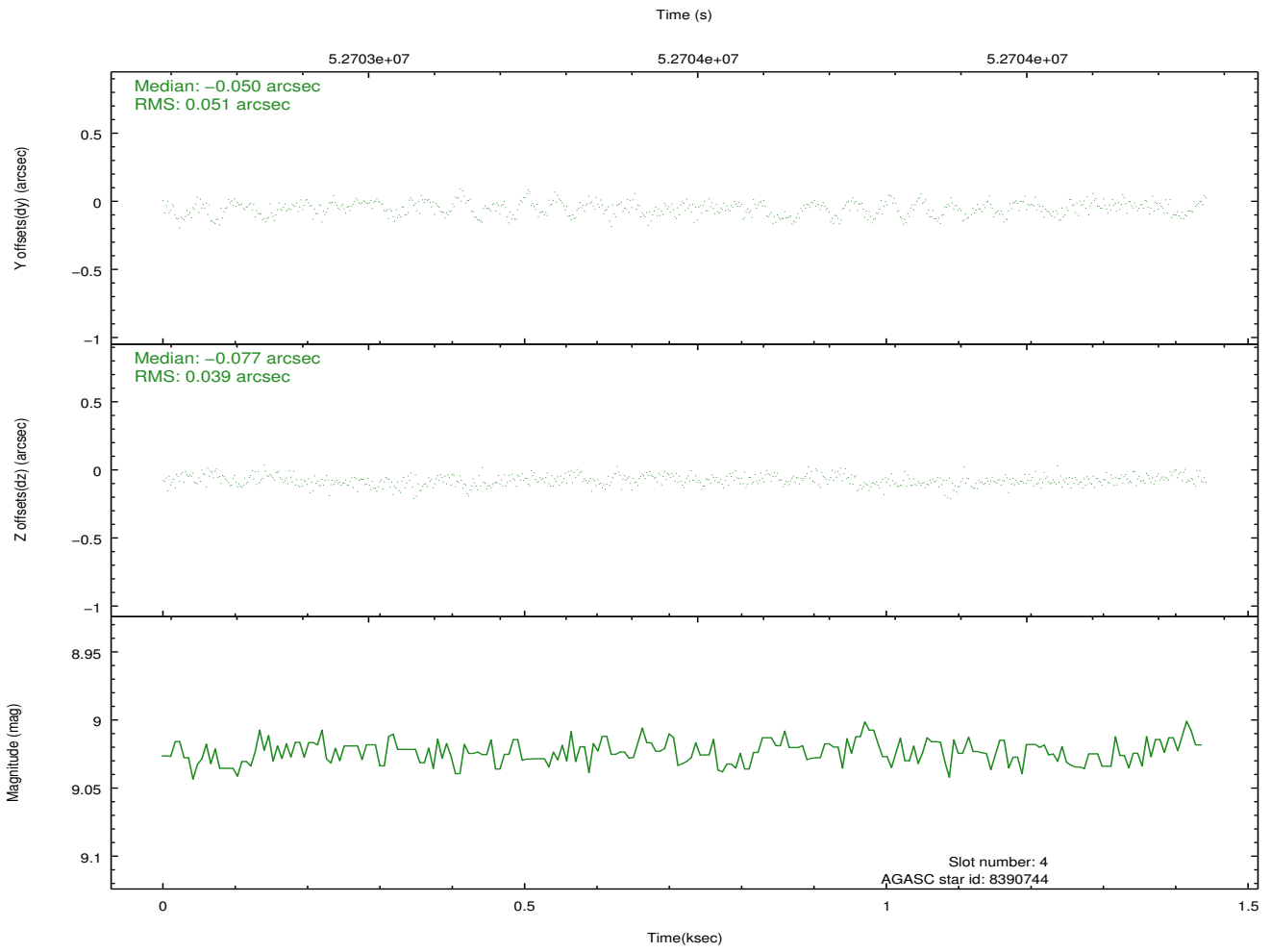
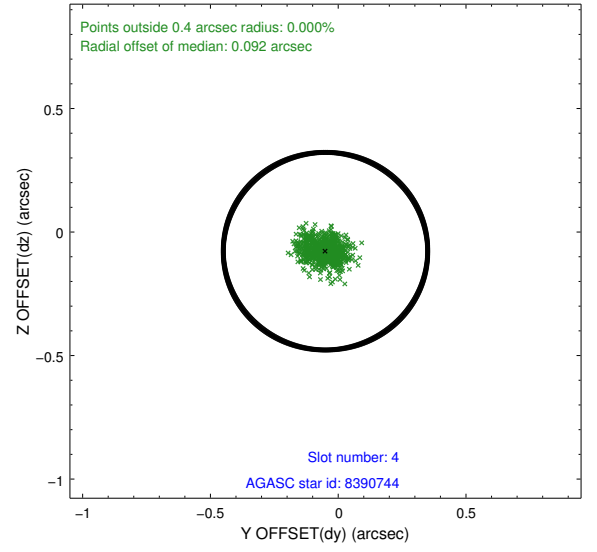
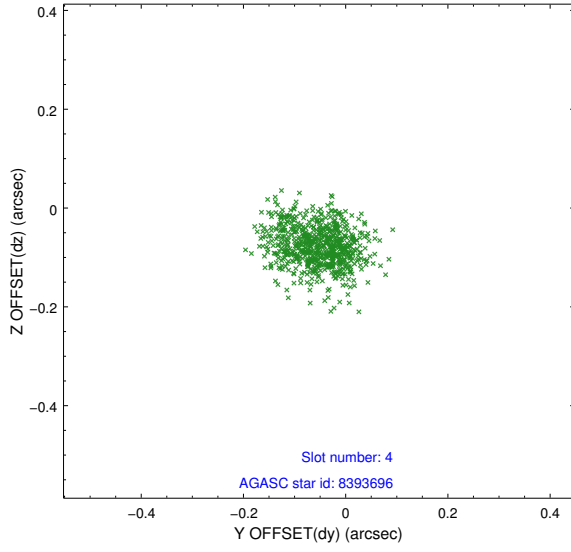


## 2.4 Star Slots

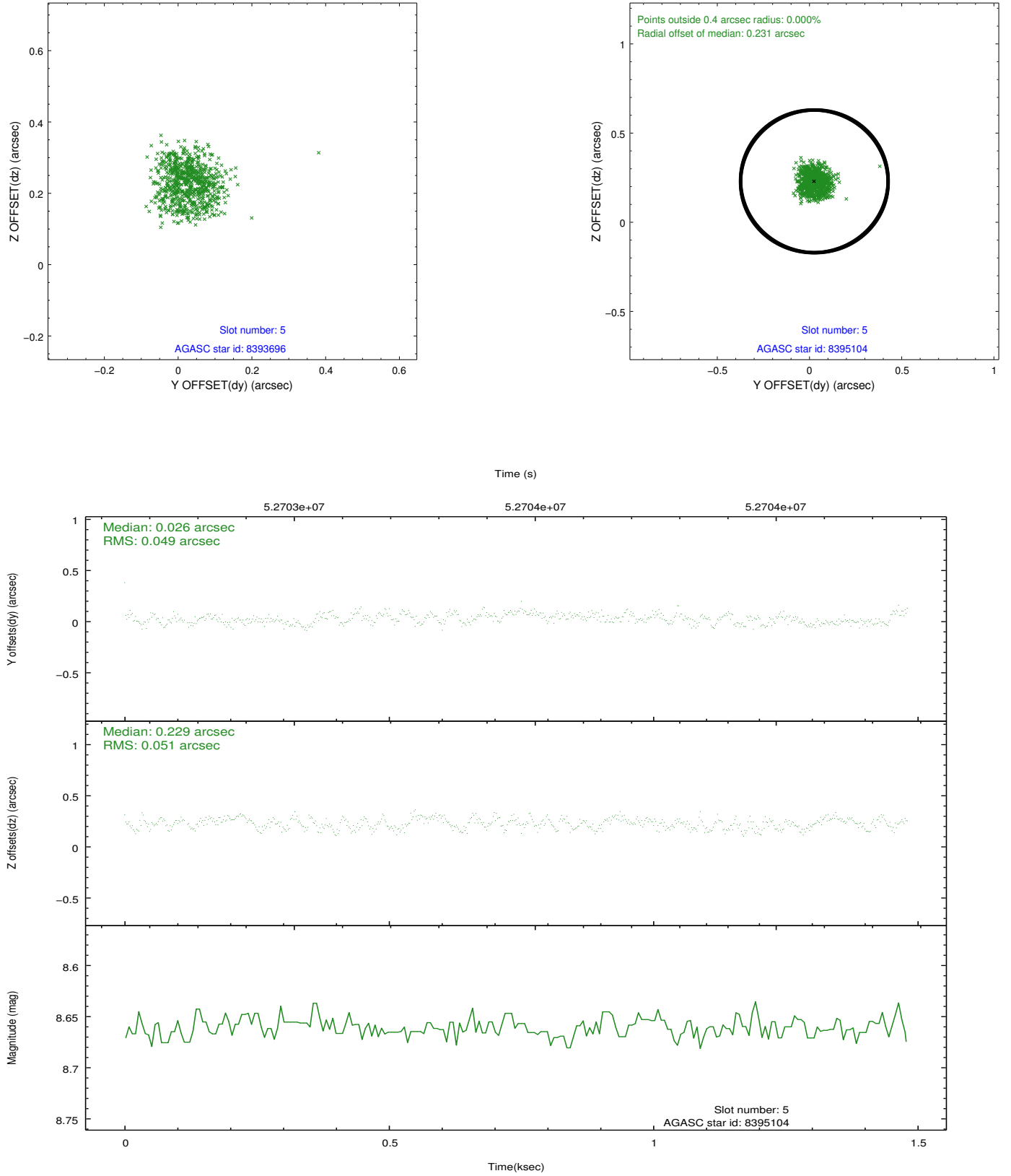
### 2.4.1 Slot 3



## 2.4.2 Slot 4

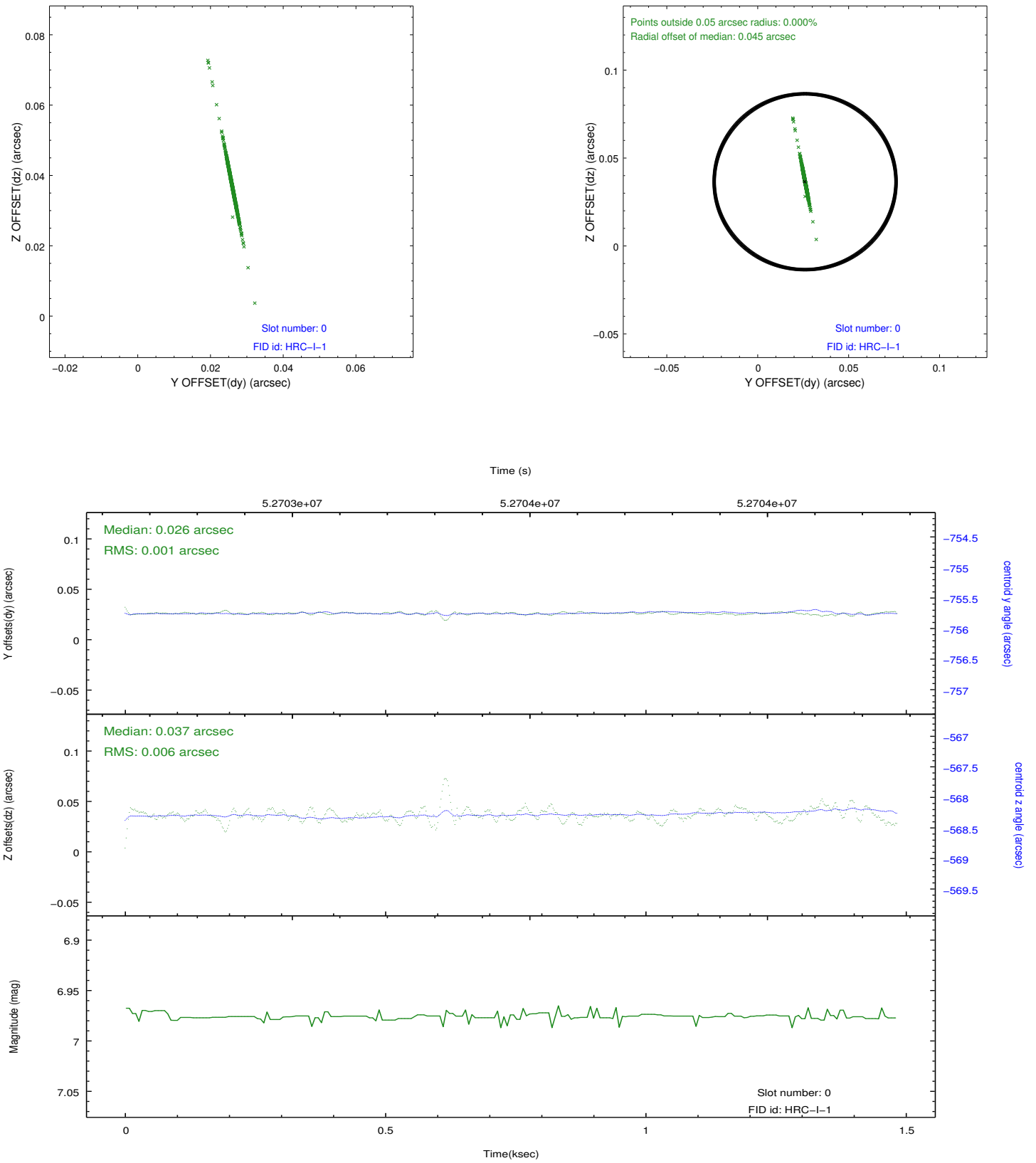


### 2.4.3 Slot 5

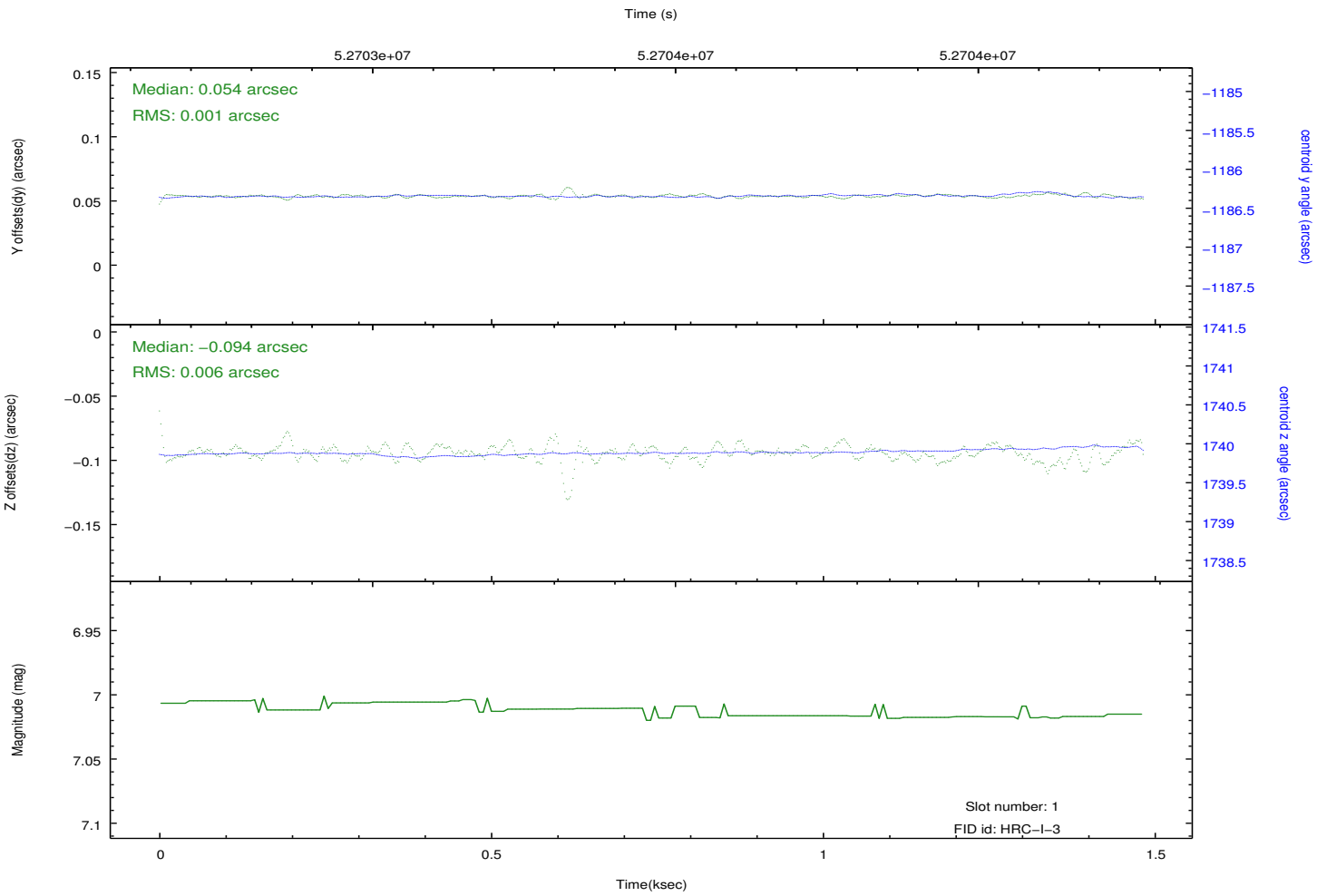
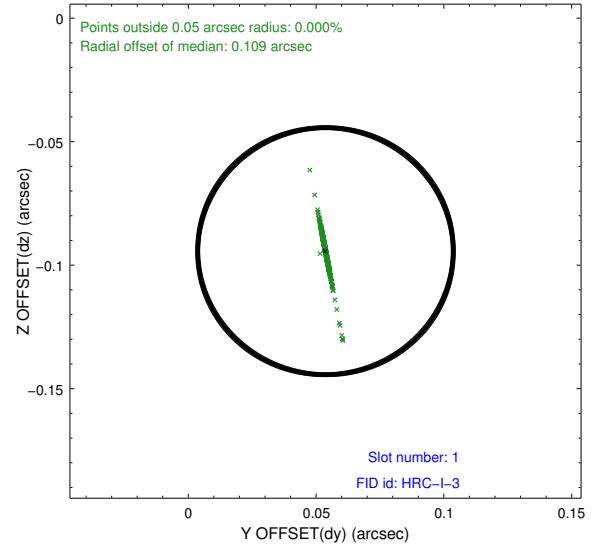
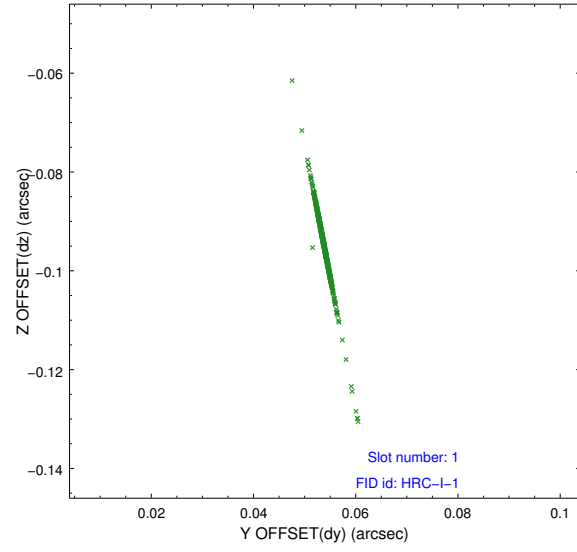


## 2.5 FID Slots

### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 3 Point Sources

3.44 arcmin



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.795

### A.2 Comments

Slots 2, 6, and 7 were not utilized in this observation.