

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 1806 - L2 Version 6  
Chandra X-Ray Center

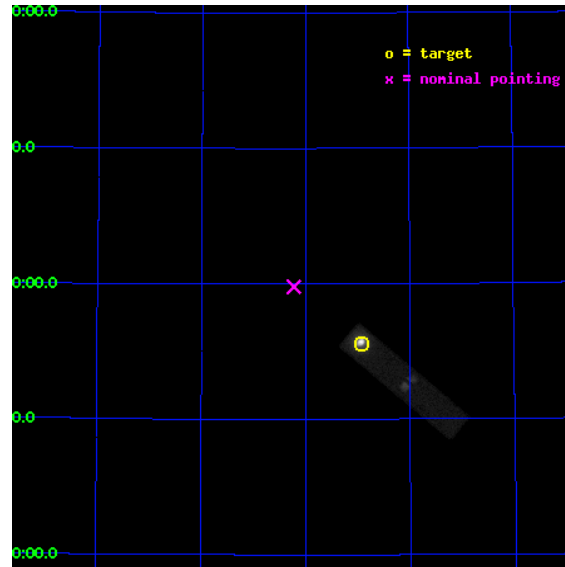
L2 Processing Date : Aug 31 2012

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# 1 Front

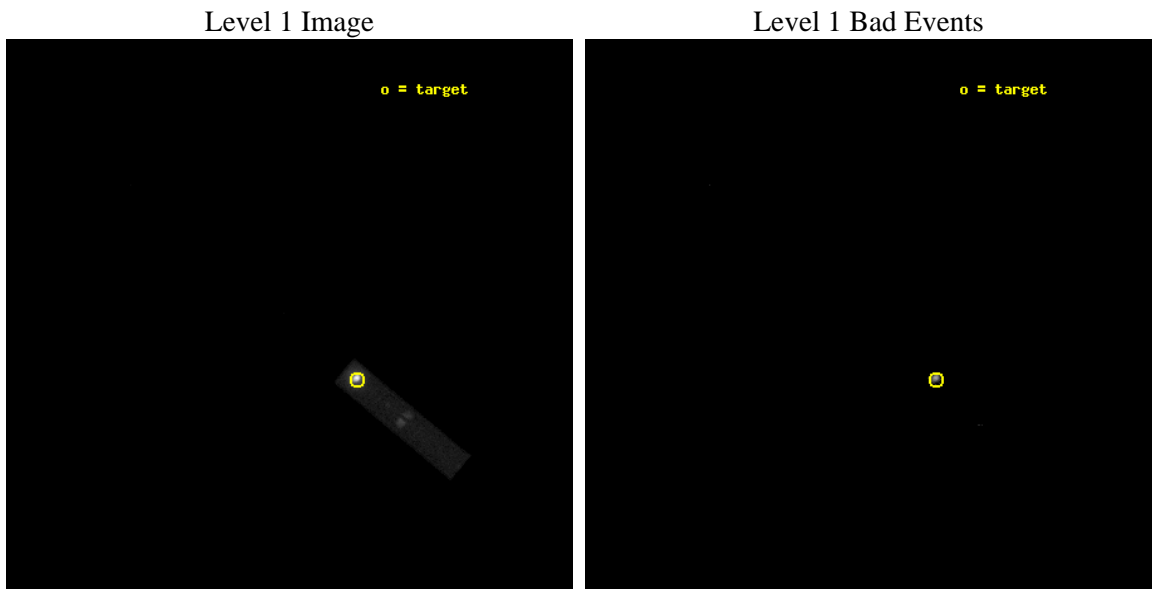
seq_num	290088	Sequence number
obs_id	1806	Observation id
title	TEST OF UV SENSITIVITY	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA	Source name
ra_targ	279.230833	Observer's specified target RA [deg]
dec_targ	38.7795	Observer's specified target Dec [deg]
ra_nom	279.55549896285	Nominal RA [deg]
dec_nom	38.989379745833	Nominal Dec [deg]
roll_nom	219.61337660974	Nominal Roll [deg]
revision	6	Processing version of data
ontime	3141.8813670278	[s]
livetime	1065.5060833196	Ontime multiplied by DTCOR
l2events	566452	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3141.8813670278	[s]
caldbver	4.5.1.1	&#160	l1events	592320	Number of level 1 events
date	2012-08-31T12:12:36	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

Level 1 Events

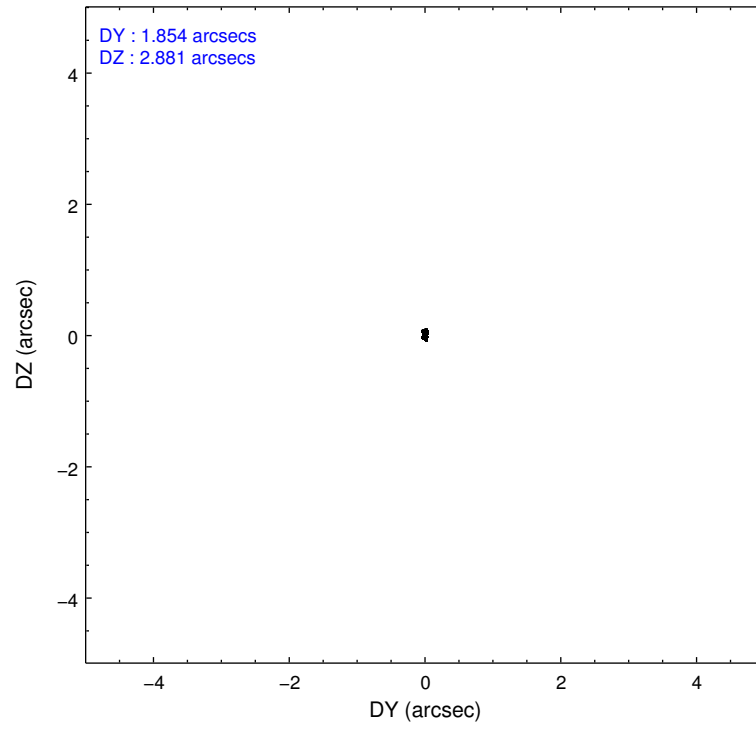
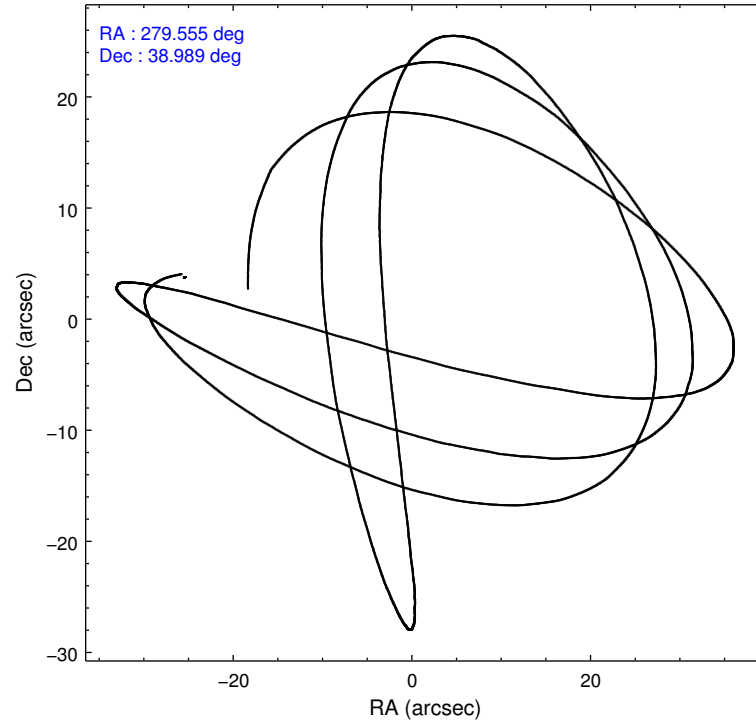
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	250	751	591319
rejected events	250	729	12011
rejected %	100%	97%	2%

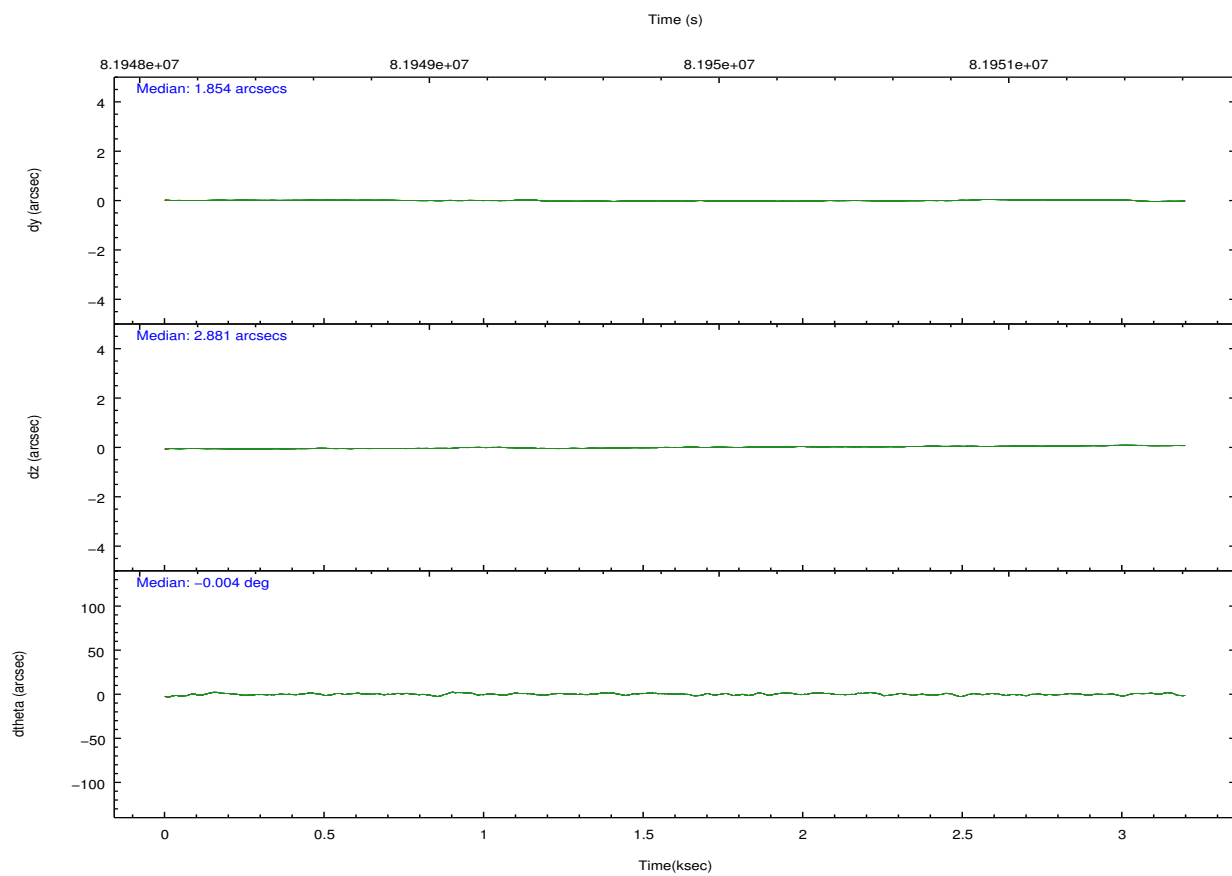
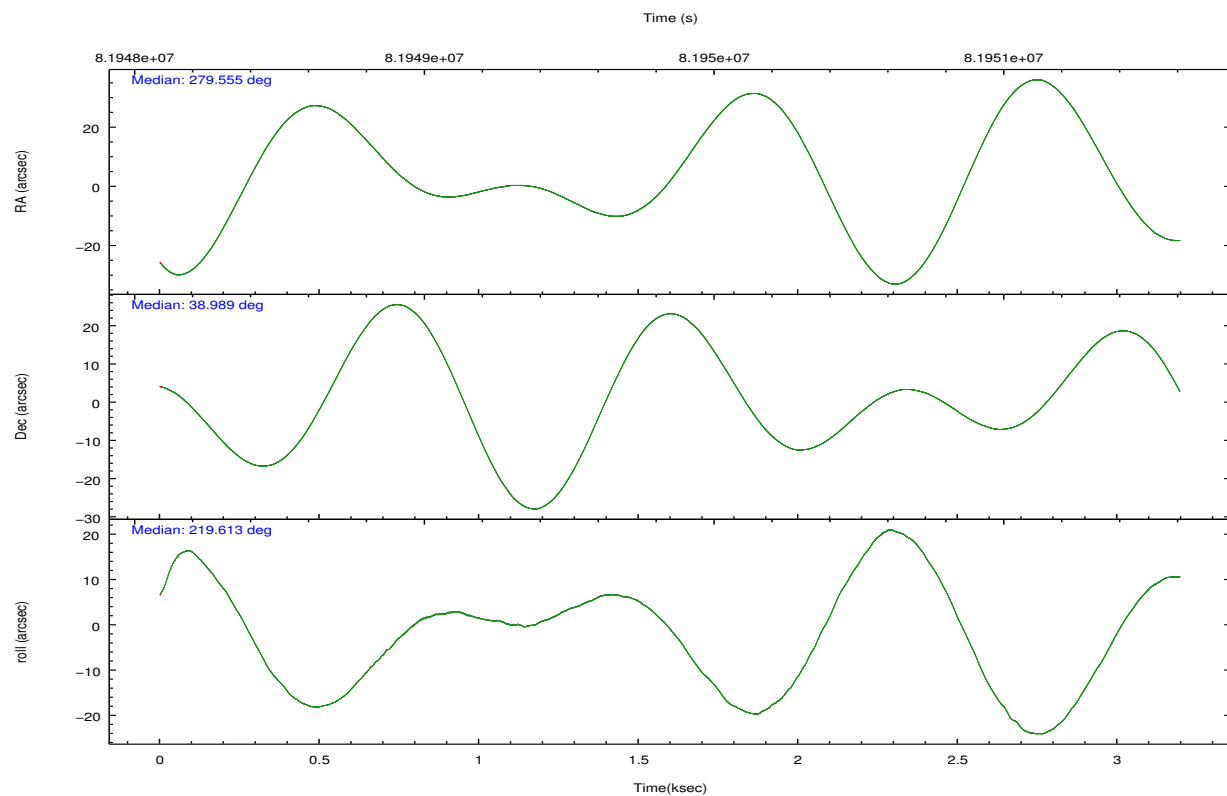
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	279.566920	279.5554989628499
[deg] Pointing Dec	39.016569	38.98937974583301
[deg] Pointing Roll	219.538861	219.6133766097399
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	81948447.184000	81948071.16899499
Observation start date	2000-08-06T11:26:23	2000-08-06T11:21:11
[s] Observation end time (MET)	81951447.184000	81951581.281626
Observation end date	2000-08-06T12:16:23	2000-08-06T12:19:41

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





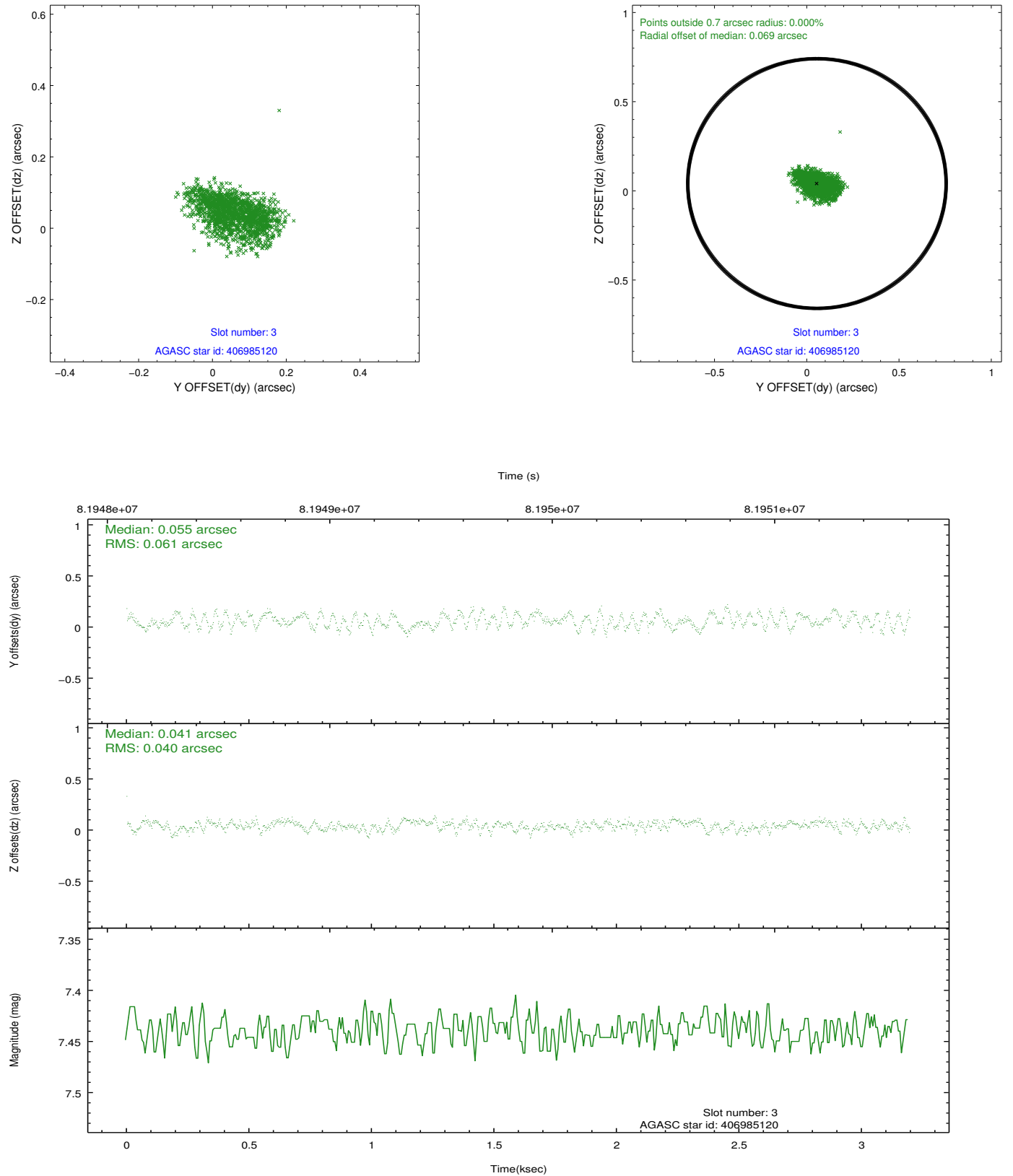
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	780	0.130	-0.098	0.005	0.009	0.000000	0.000000	-1155.88	-451.29
1	FID	HRC-S-2	6.98	780	0.148	-0.148	0.008	0.013	0.000000	0.000000	1242.34	-444.54
2	FID	HRC-S-4	6.94	780	0.125	-0.058	0.007	0.011	0.000000	0.000000	1243.96	580.28
3	GUIDE	406985120	7.44	1560	0.055	0.041	0.079	0.124	278.839732	38.894839	1845.60	-964.29
4	GUIDE	407513096	8.13	1560	-0.049	0.086	0.053	0.087	279.928965	39.436841	-1739.18	-527.08
5	GUIDE	406989616	8.24	1560	0.014	-0.030	0.052	0.085	279.202881	38.520843	1924.85	722.69
6	GUIDE	407521232	8.64	1559	0.004	-0.043	0.067	0.109	279.628883	39.431715	-1082.66	-1041.50
7	GUIDE	406983600	8.93	1559	-0.024	-0.051	0.071	0.117	279.940957	39.020708	-817.94	653.19

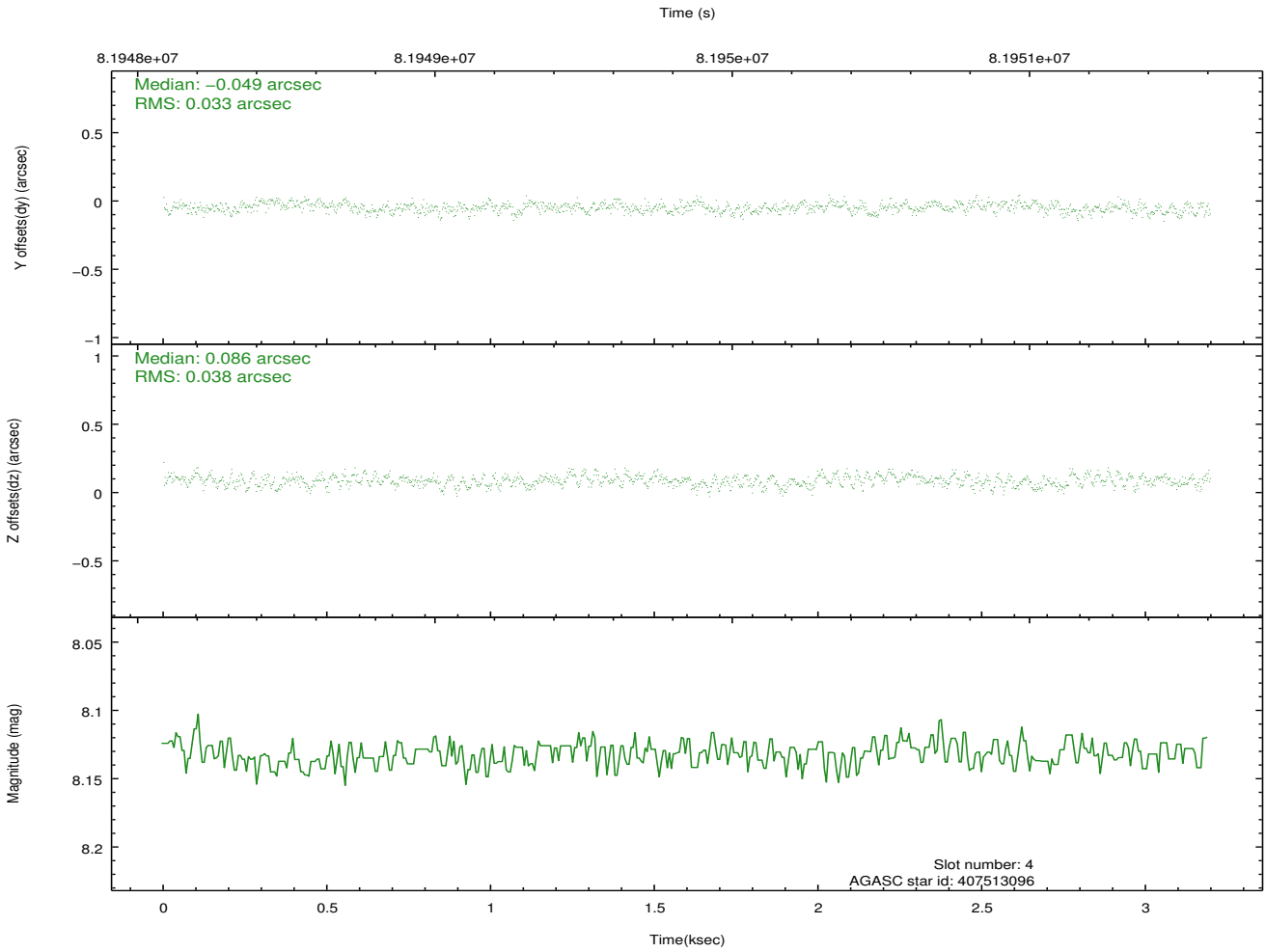
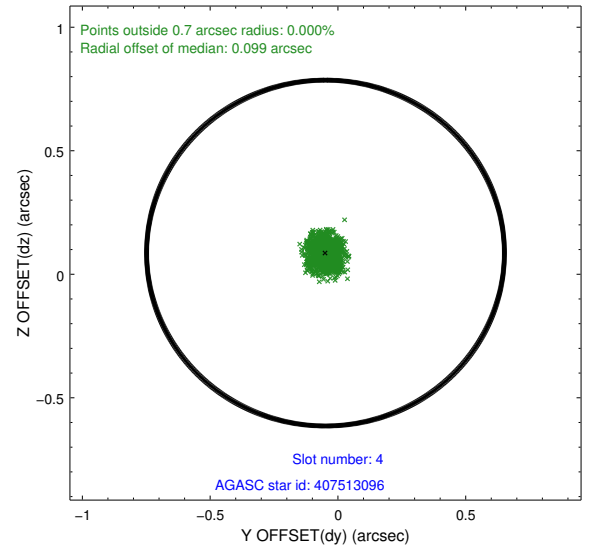
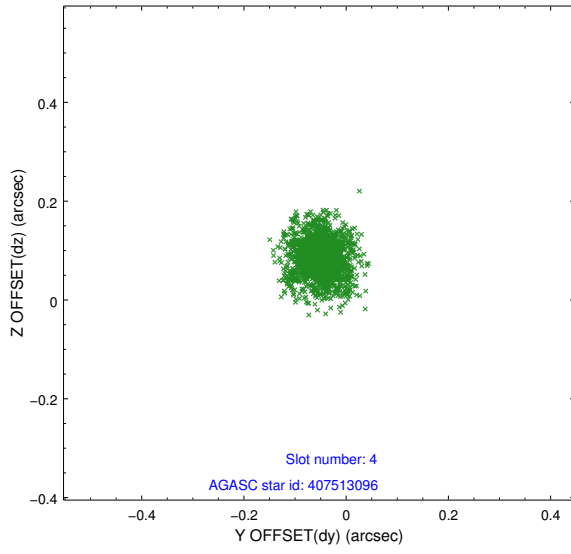


## 2.4 Star Slots

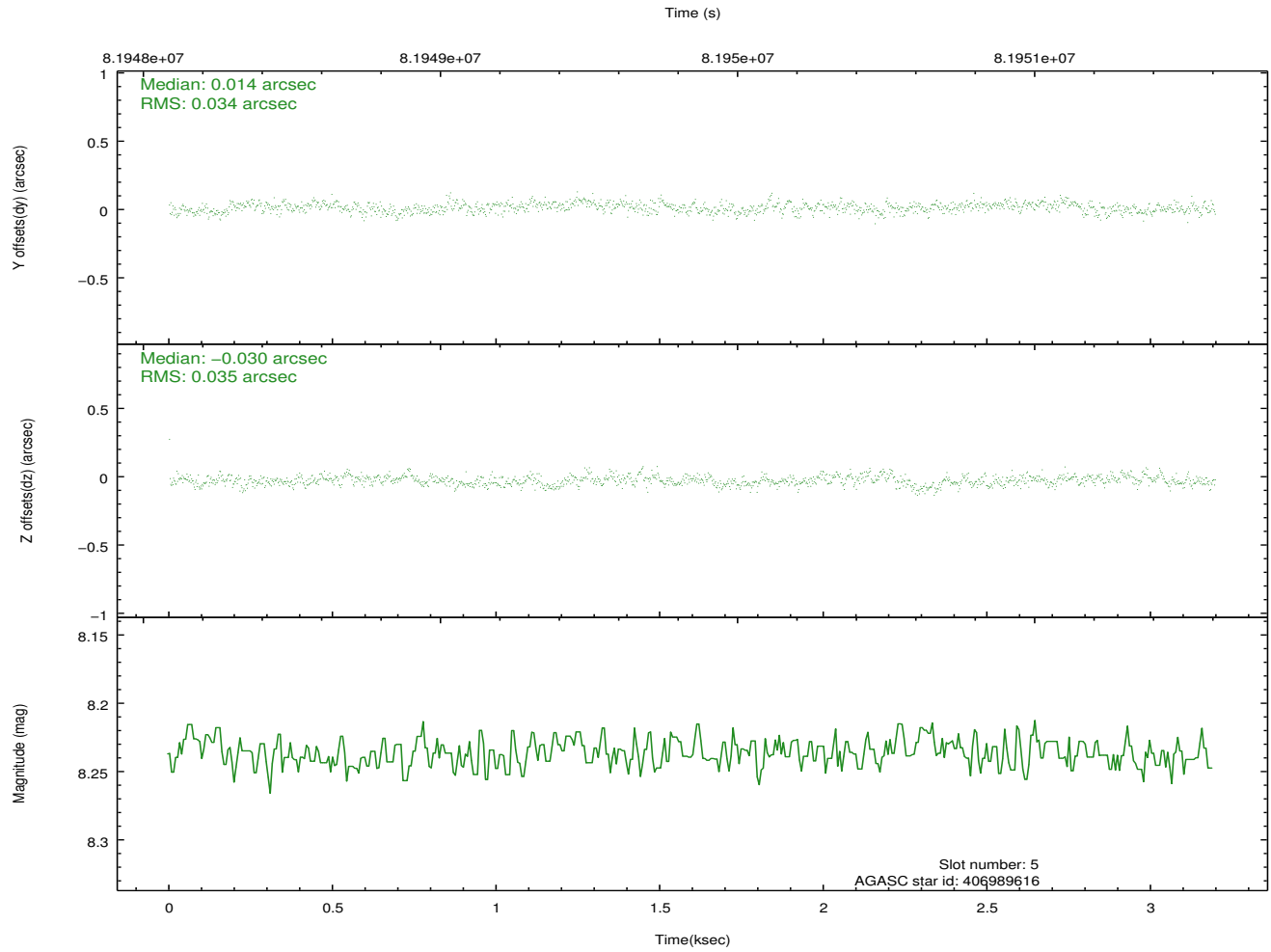
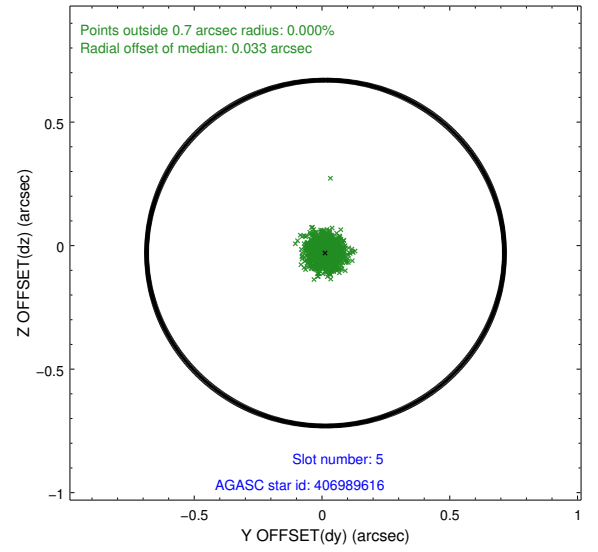
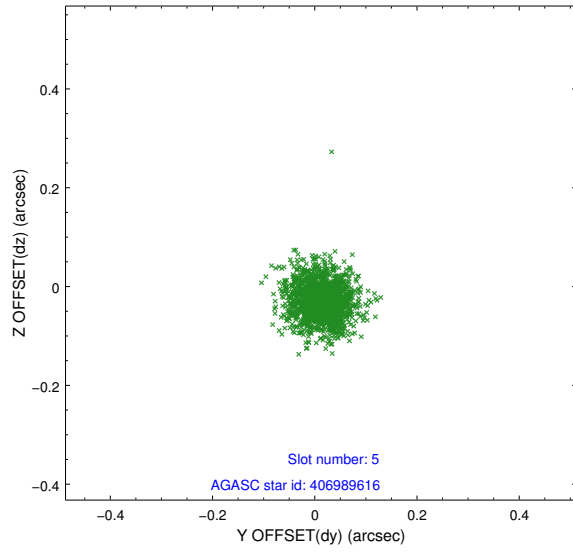
### 2.4.1 Slot 3



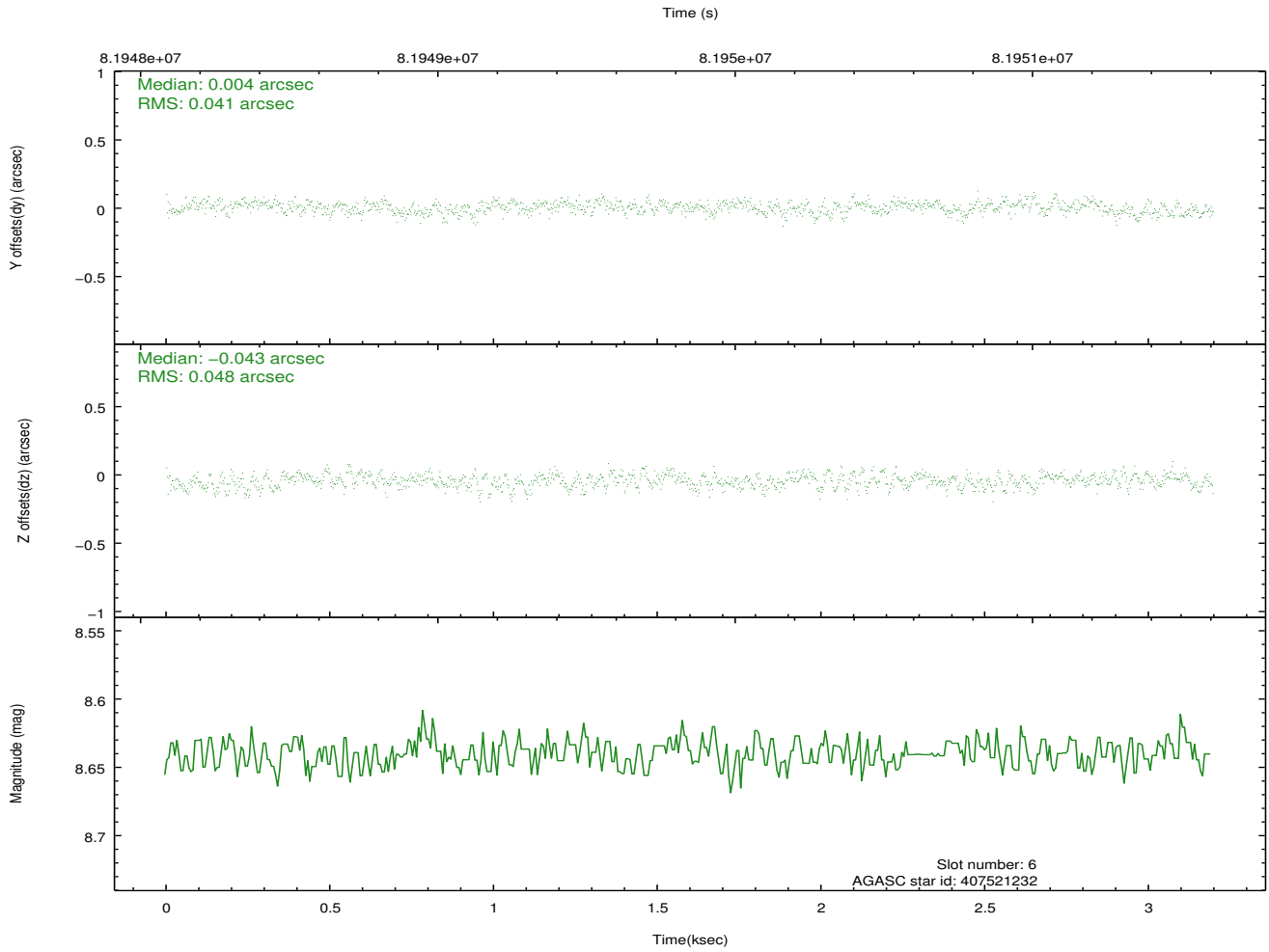
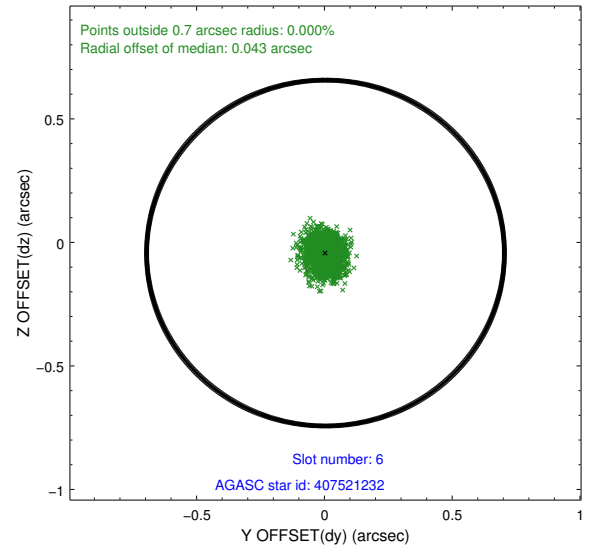
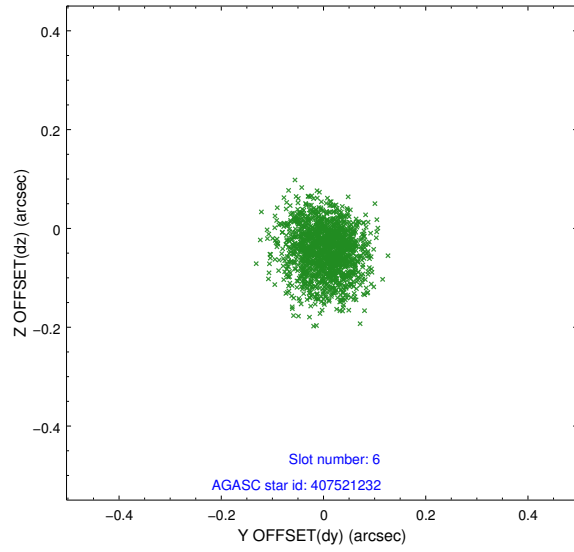
## 2.4.2 Slot 4



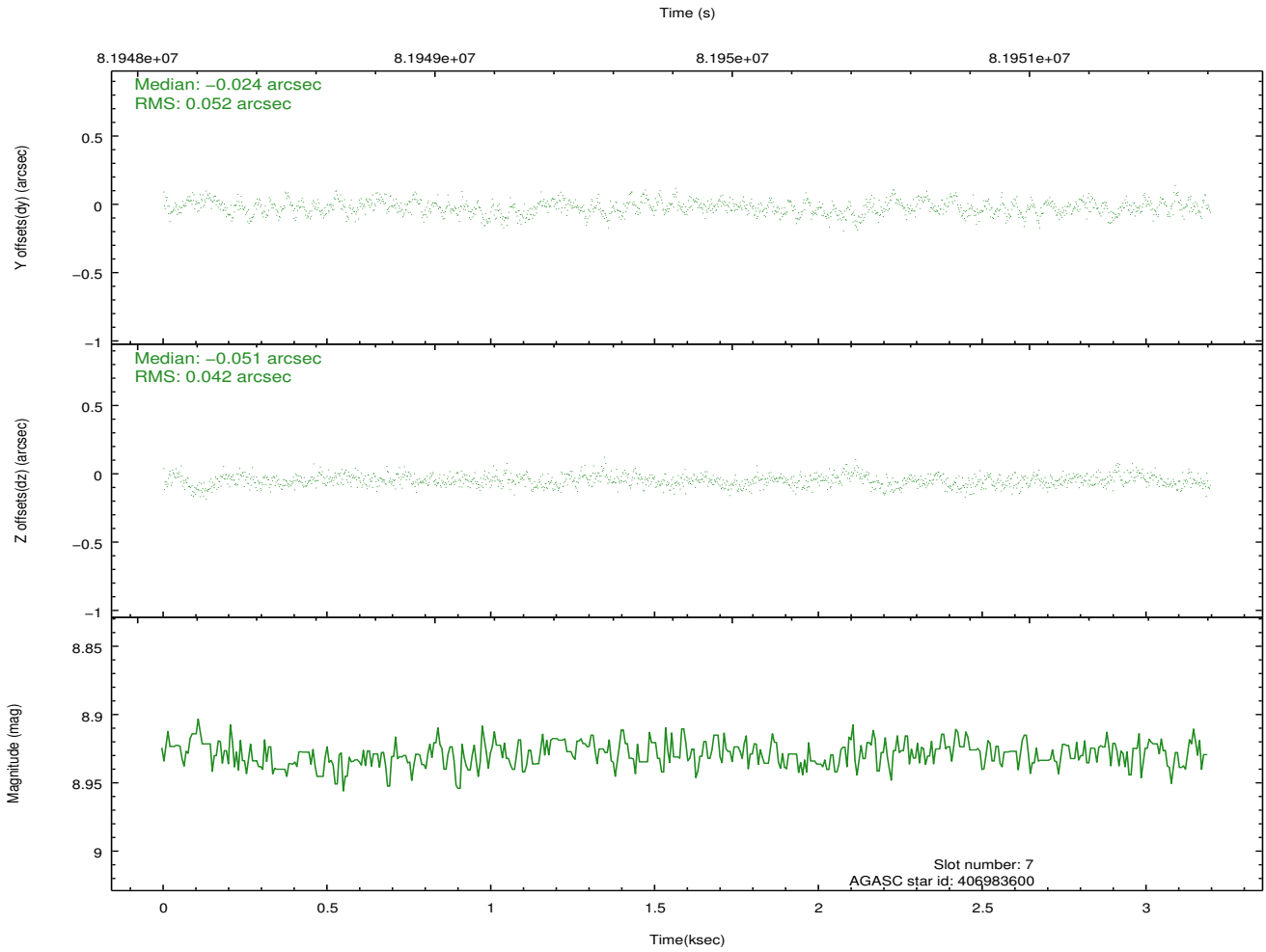
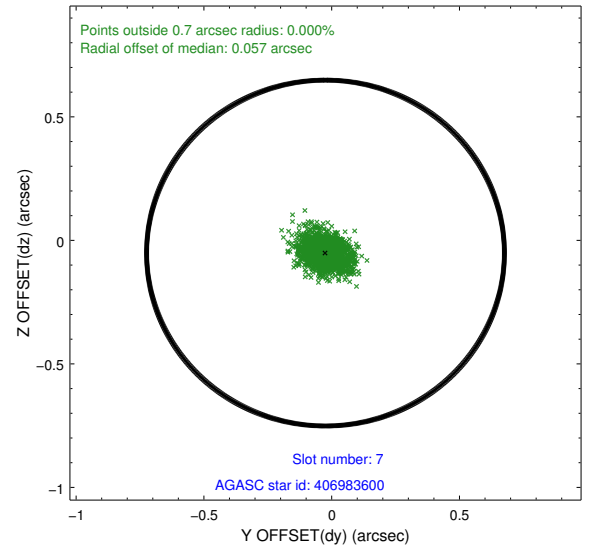
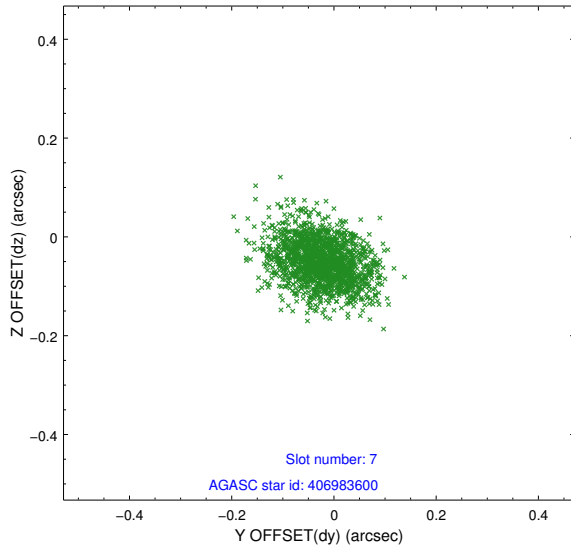
### 2.4.3 Slot 5



## 2.4.4 Slot 6

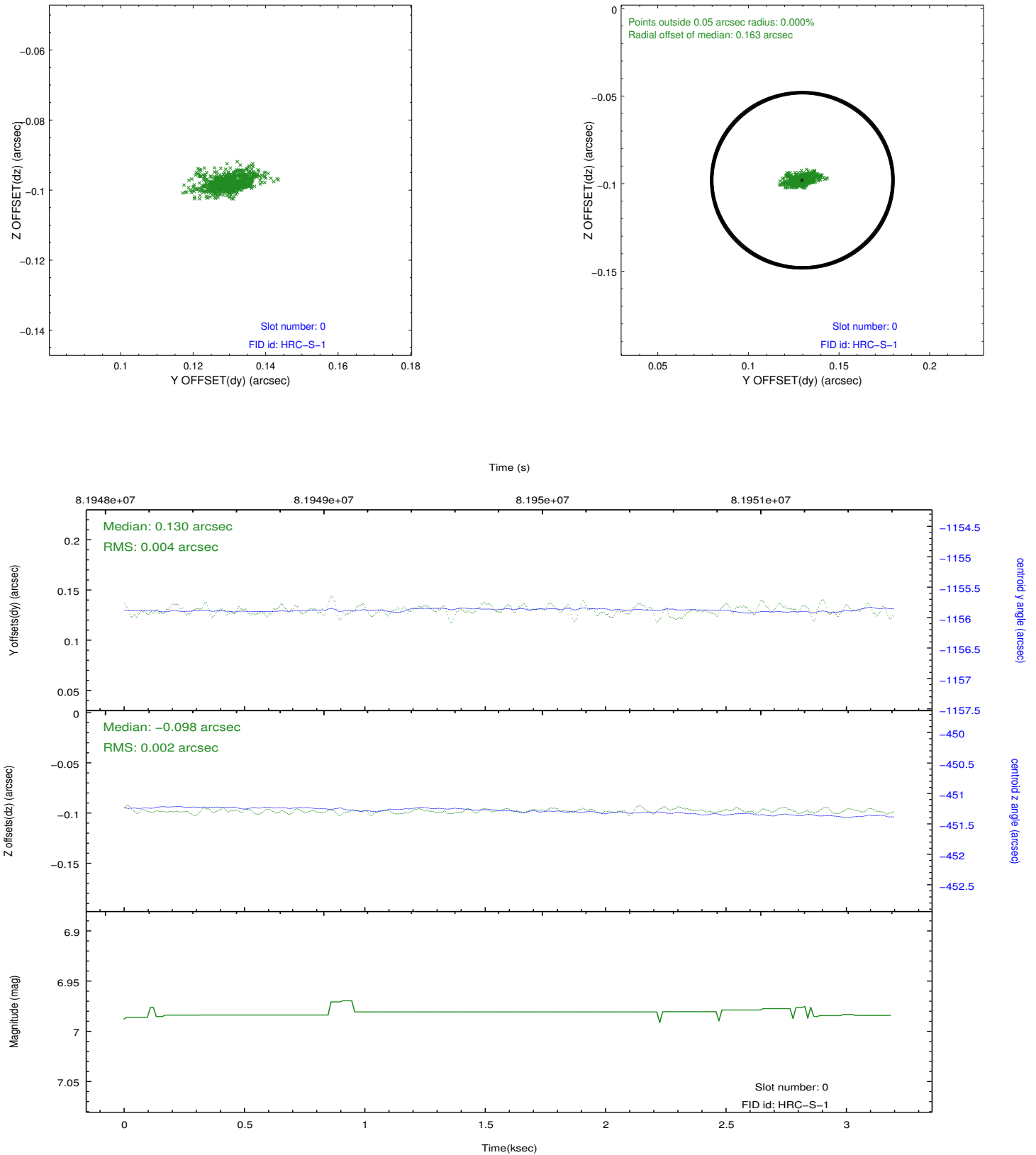


## 2.4.5 Slot 7

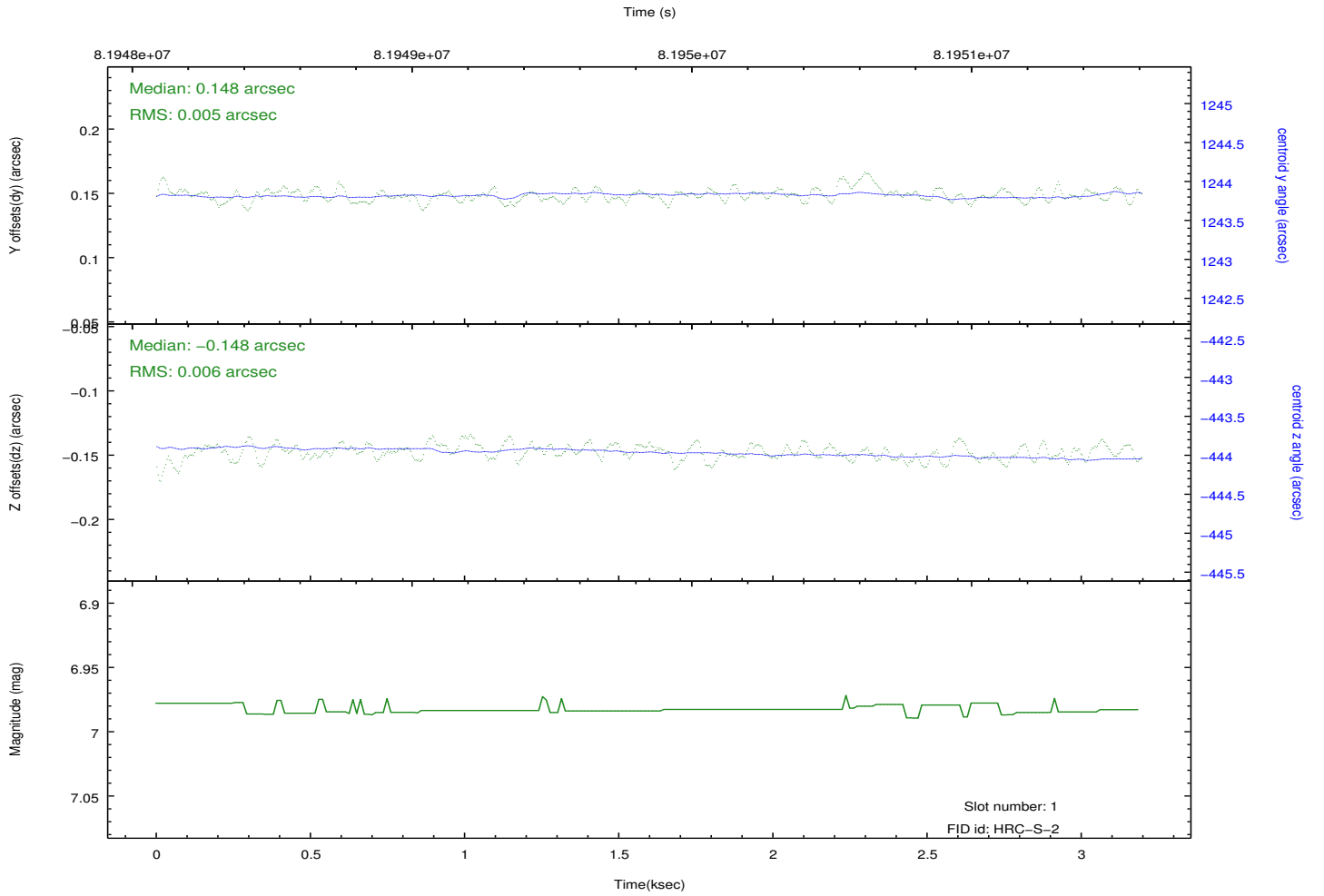
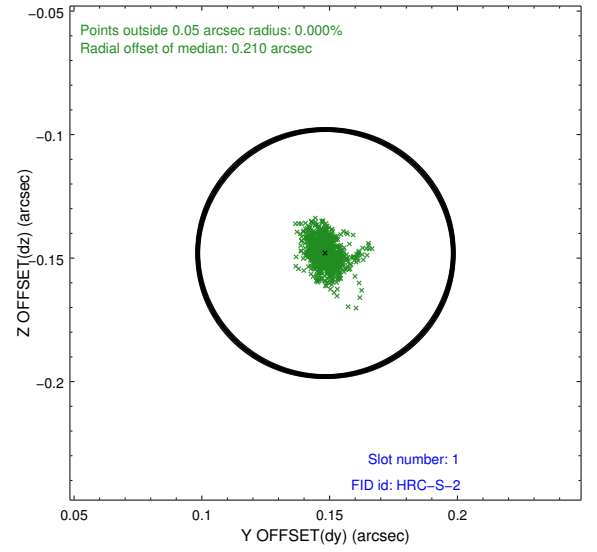
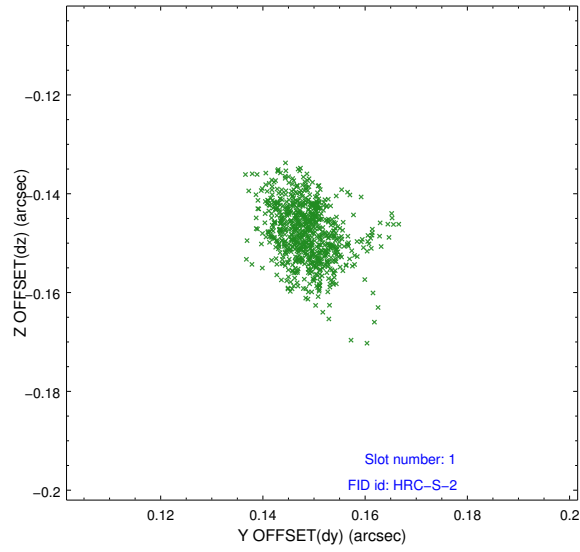


## 2.5 FID Slots

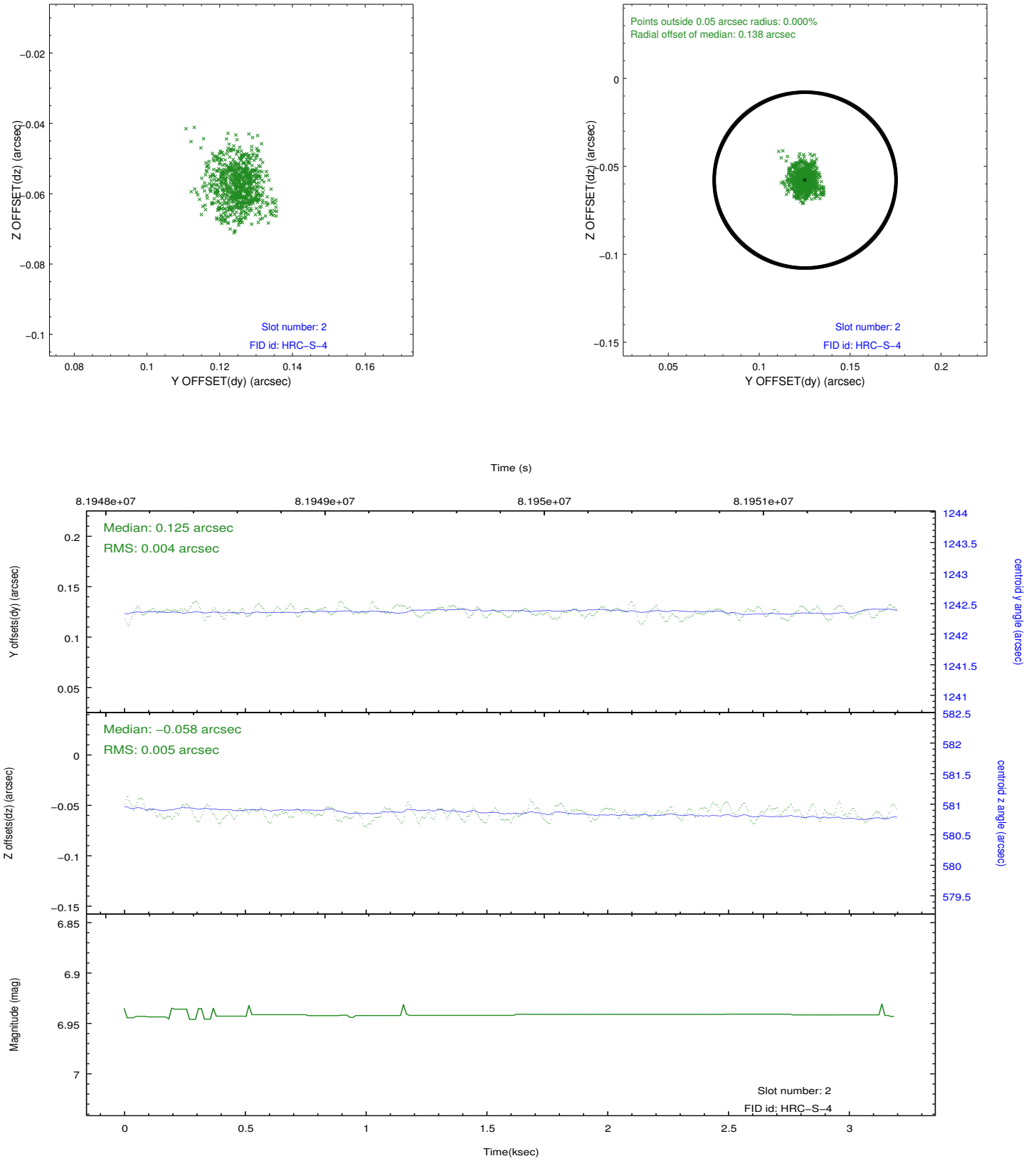
### 2.5.1 Slot 0



## 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)	2012.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.176

## A.2 Comments

Charge time for this ObsId remains at previous value of 3.176 ks although with the current processing the charge time would have been 3.14 ksec.