

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 32 - L2 Version 6  
Chandra X-Ray Center

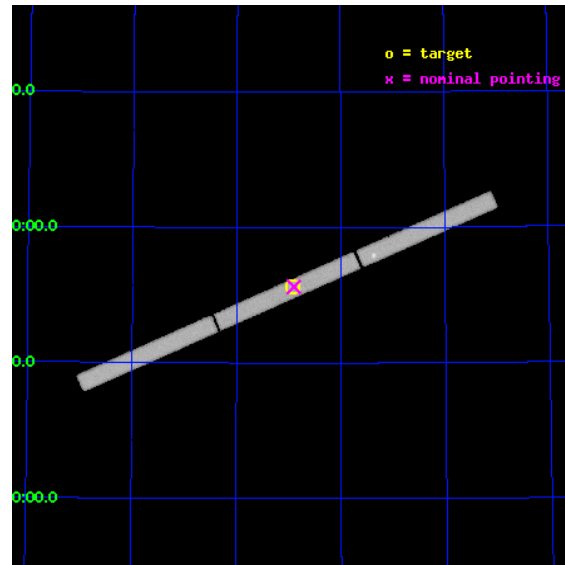
L2 Processing Date : Aug 28 2012

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# 1 Front

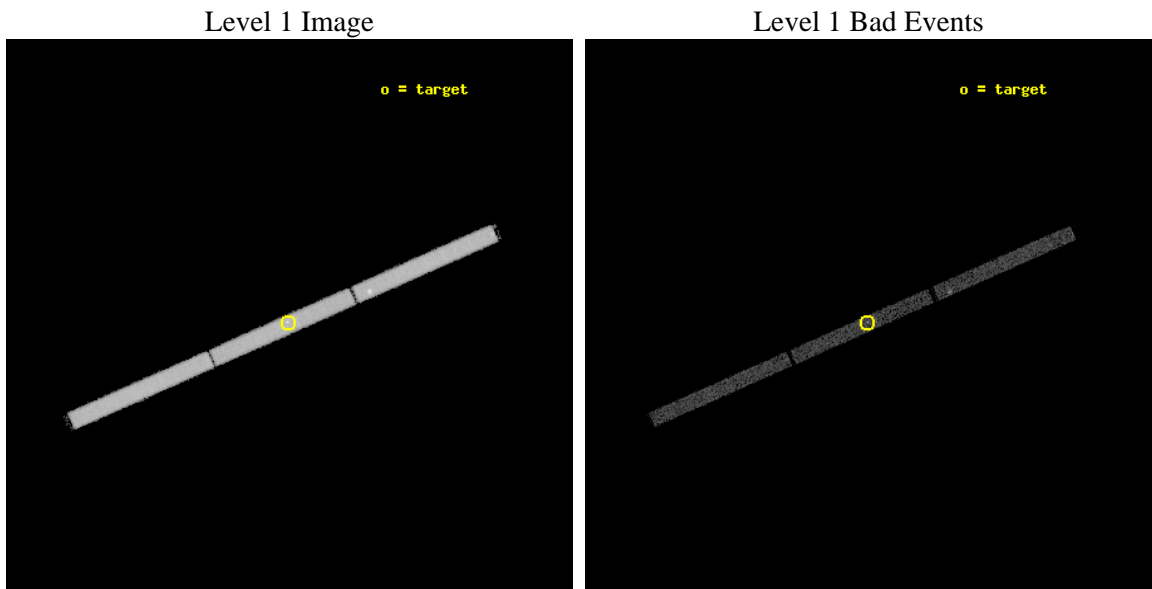
seq_num	290001	Sequence number
obs_id	32	Observation id
title	TEST OF UV SENSITIVITY	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA	Source name
ra_targ	279.230833	Observer's specified target RA [deg]
dec_targ	38.7795	Observer's specified target Dec [deg]
ra_nom	279.22510926175	Nominal RA [deg]
dec_nom	38.781621914473	Nominal Dec [deg]
roll_nom	156.19906686823	Nominal Roll [deg]
revision	6	Processing version of data
ontime	2893.8313565552	[s]
livetime	2874.7534289509	Ontime multiplied by DTCOR
l2events	155420	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	3044.210000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2893.8313565552	[s]
caldsver	4.5.1.1	&#160	l1events	238661	Number of level 1 events
date	2012-08-28T22:04:38	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

Level 1 Events

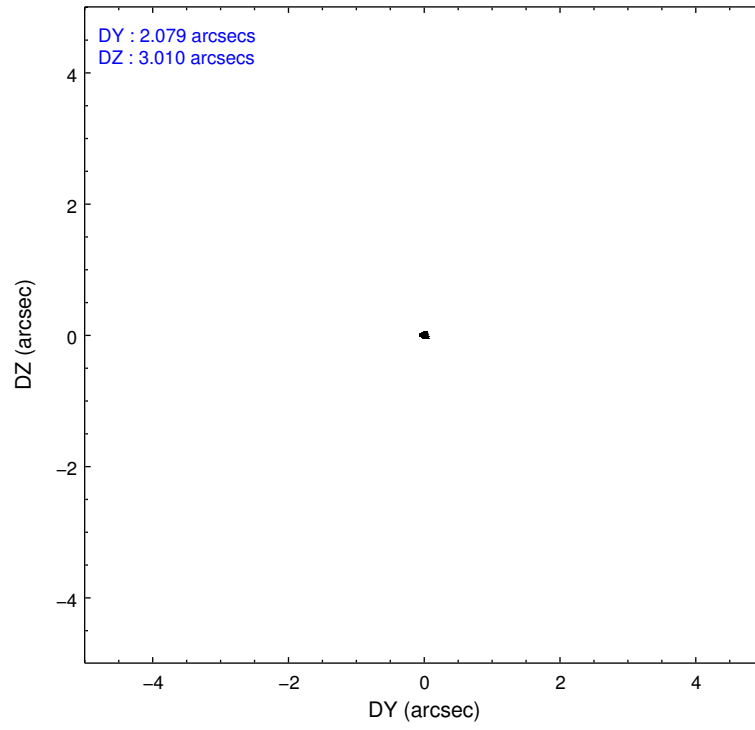
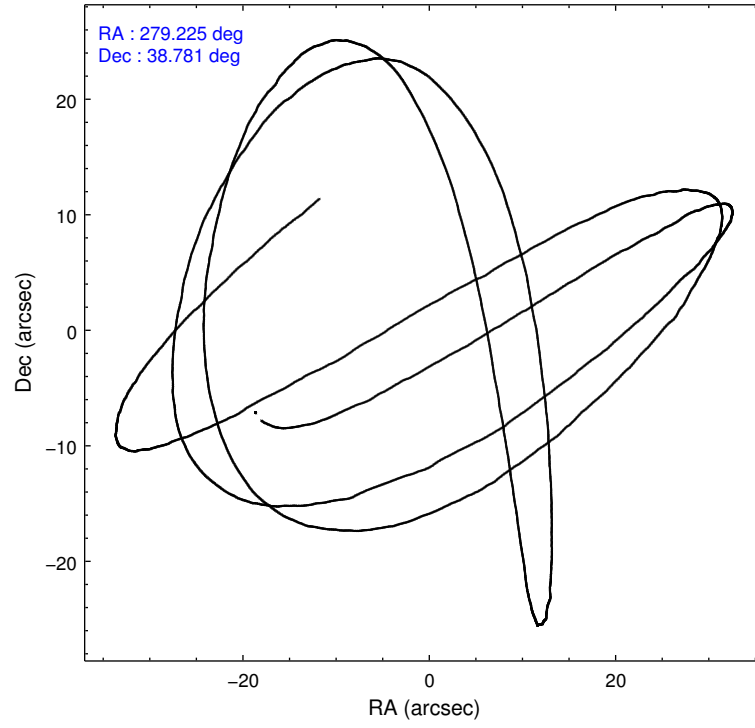
	segment 1	segment 2	segment 3
level 1 events	80588	77250	80823
rejected events	8092	10019	8268
rejected %	10%	12%	10%

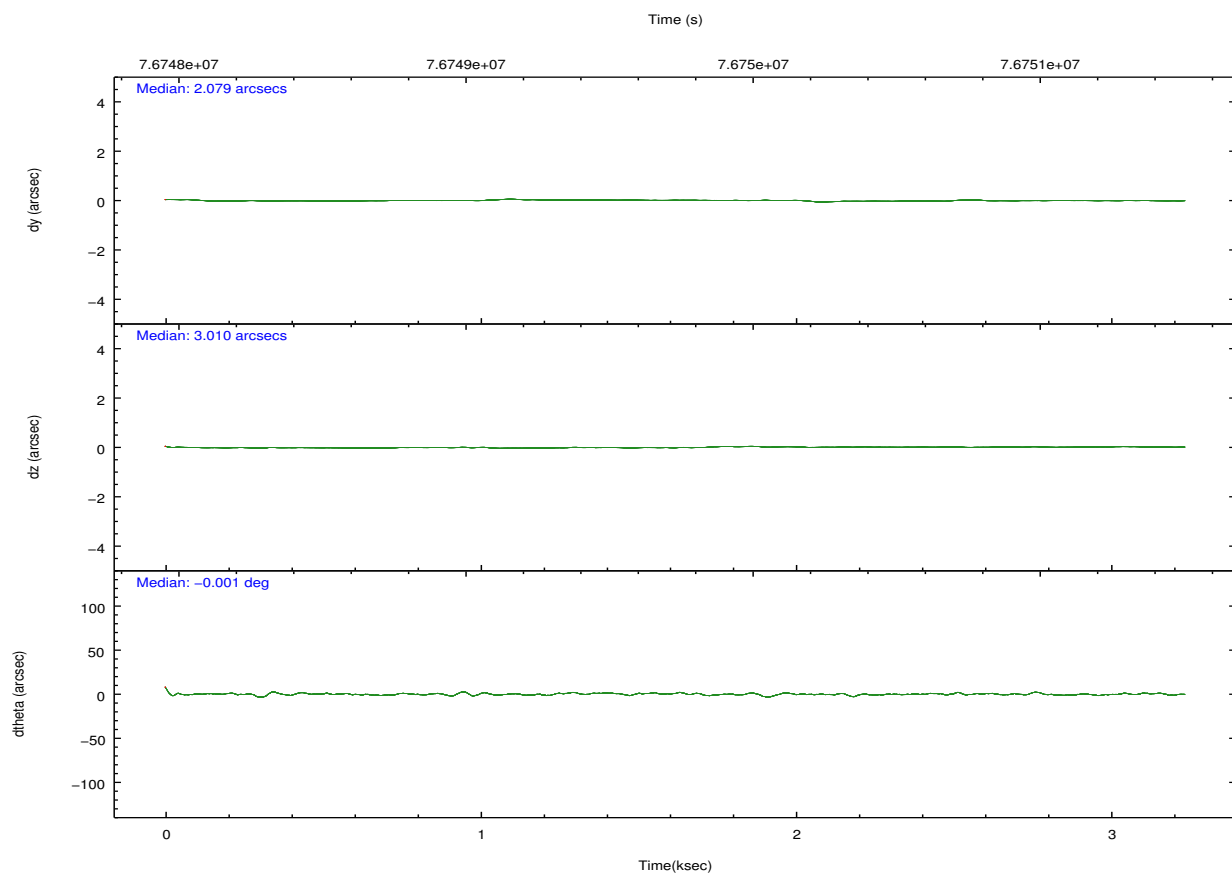
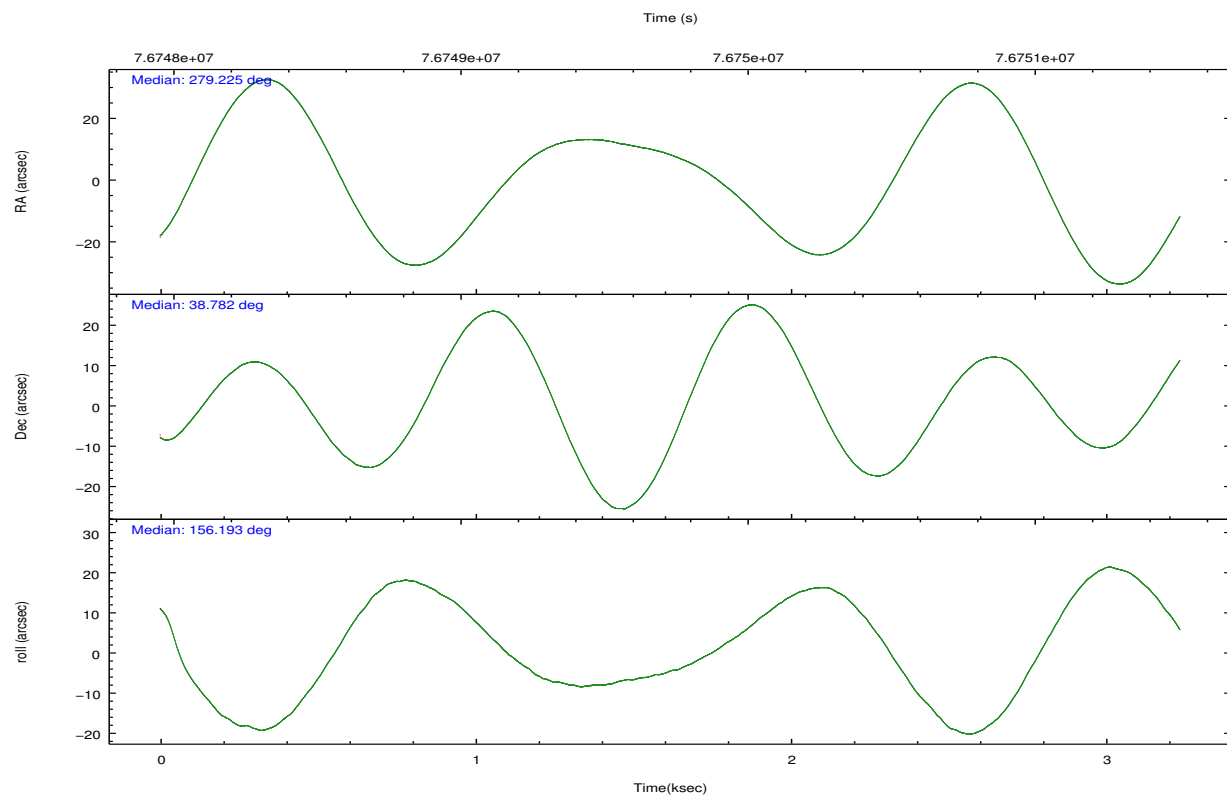
## 2.2 Compared Parameters

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	279.261643	279.2251092617492
[deg] Pointing Dec	38.785995	38.78162191447282
[deg] Pointing Roll	156.108825	156.199066868227
[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)	76748306.184000	76747921.051751
Observation start date	2000-06-07T06:57:22	2000-06-07T06:52:01
[s] Observation end time (MET)	76751350.184000	76751659.226889
Observation end date	2000-06-07T07:48:06	2000-06-07T07:54:19

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

## 2.3 Aspect





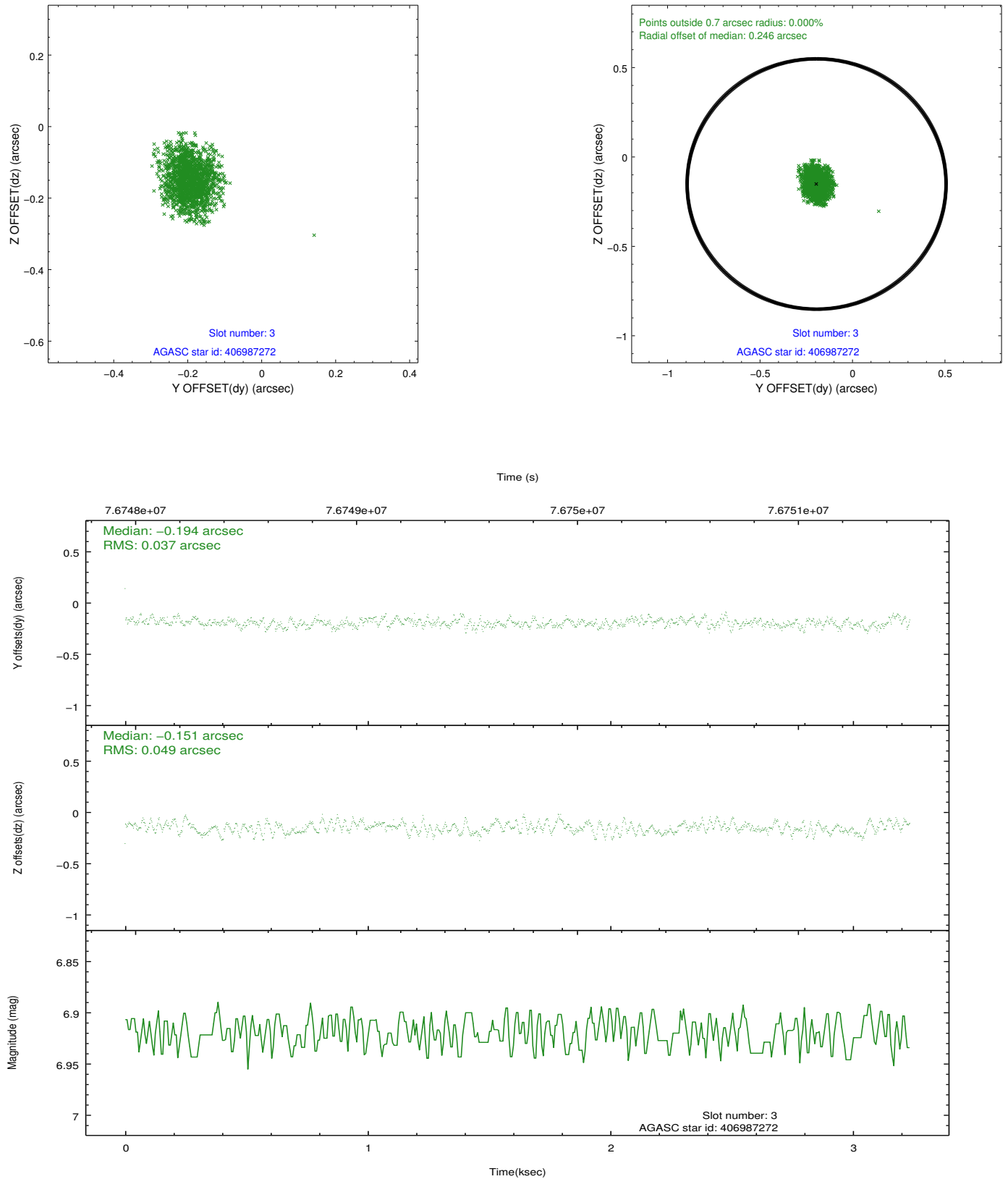
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.96	790	0.113	-0.066	0.007	0.010	0.000000	0.000000	-1156.15	-451.33
1	FID	HRC-S-3	6.98	790	0.114	-0.138	0.007	0.012	0.000000	0.000000	-1160.29	577.55
2	FID	HRC-S-4	6.94	790	0.161	-0.093	0.006	0.010	0.000000	0.000000	1240.73	581.36
3	GUIDE	406987272	6.92	1579	-0.194	-0.151	0.065	0.104	278.536588	38.437504	1364.53	1967.30
4	GUIDE	406989616	8.23	1578	0.036	0.033	0.065	0.113	279.202881	38.520843	-234.09	940.59
5	GUIDE	406983600	8.92	1579	0.093	0.019	0.083	0.135	279.940957	39.020708	-1391.76	-1548.44
6	GUIDE	406985256	8.60	1579	0.023	-0.084	0.062	0.107	278.693335	38.842203	1540.35	454.51
7	GUIDE	406979352	9.26	1578	0.045	0.184	0.112	0.170	279.968297	39.230258	-1149.42	-2267.39

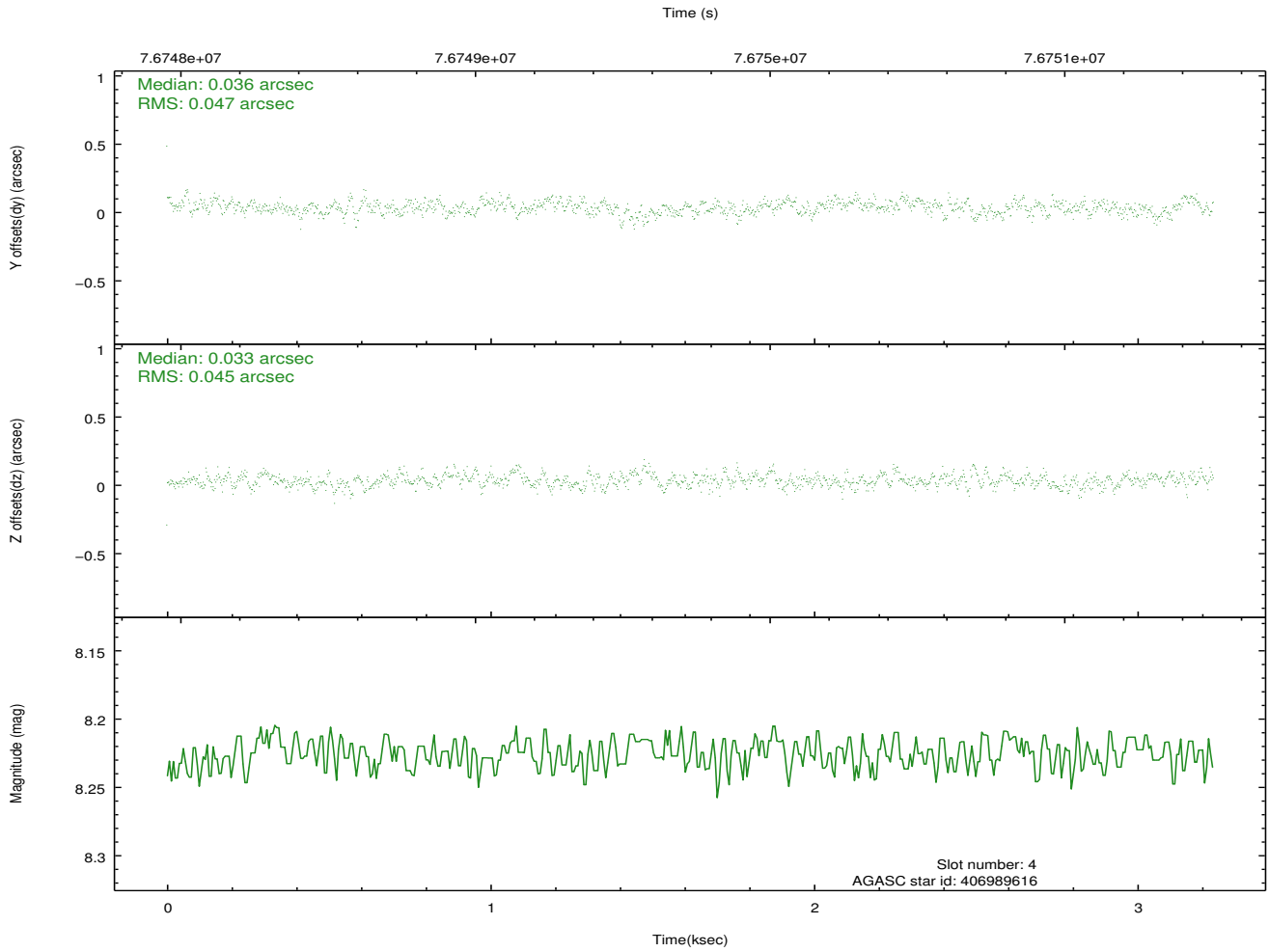
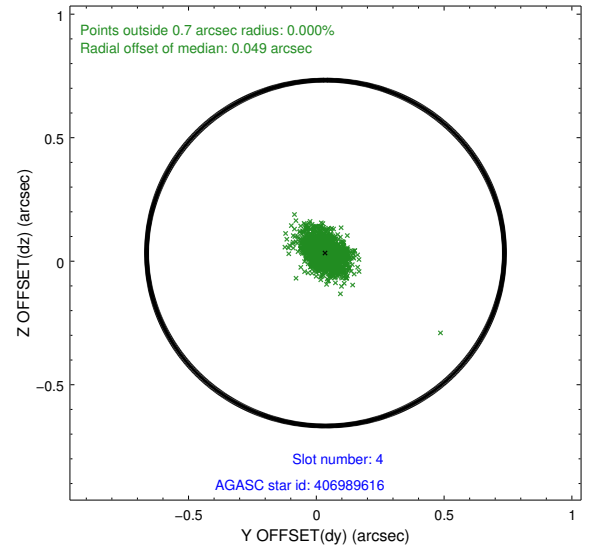
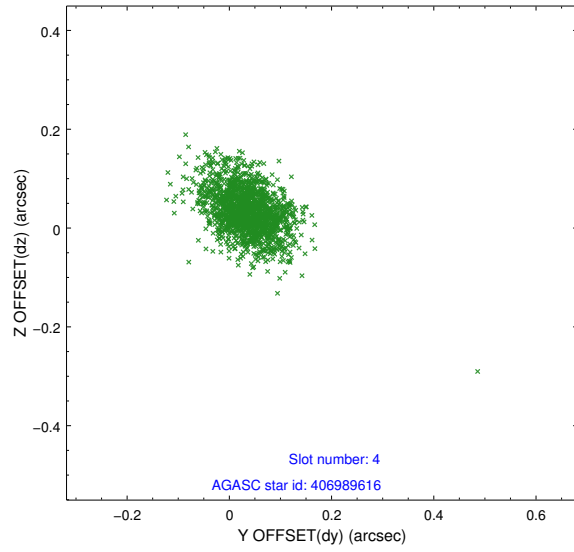


## 2.4 Star Slots

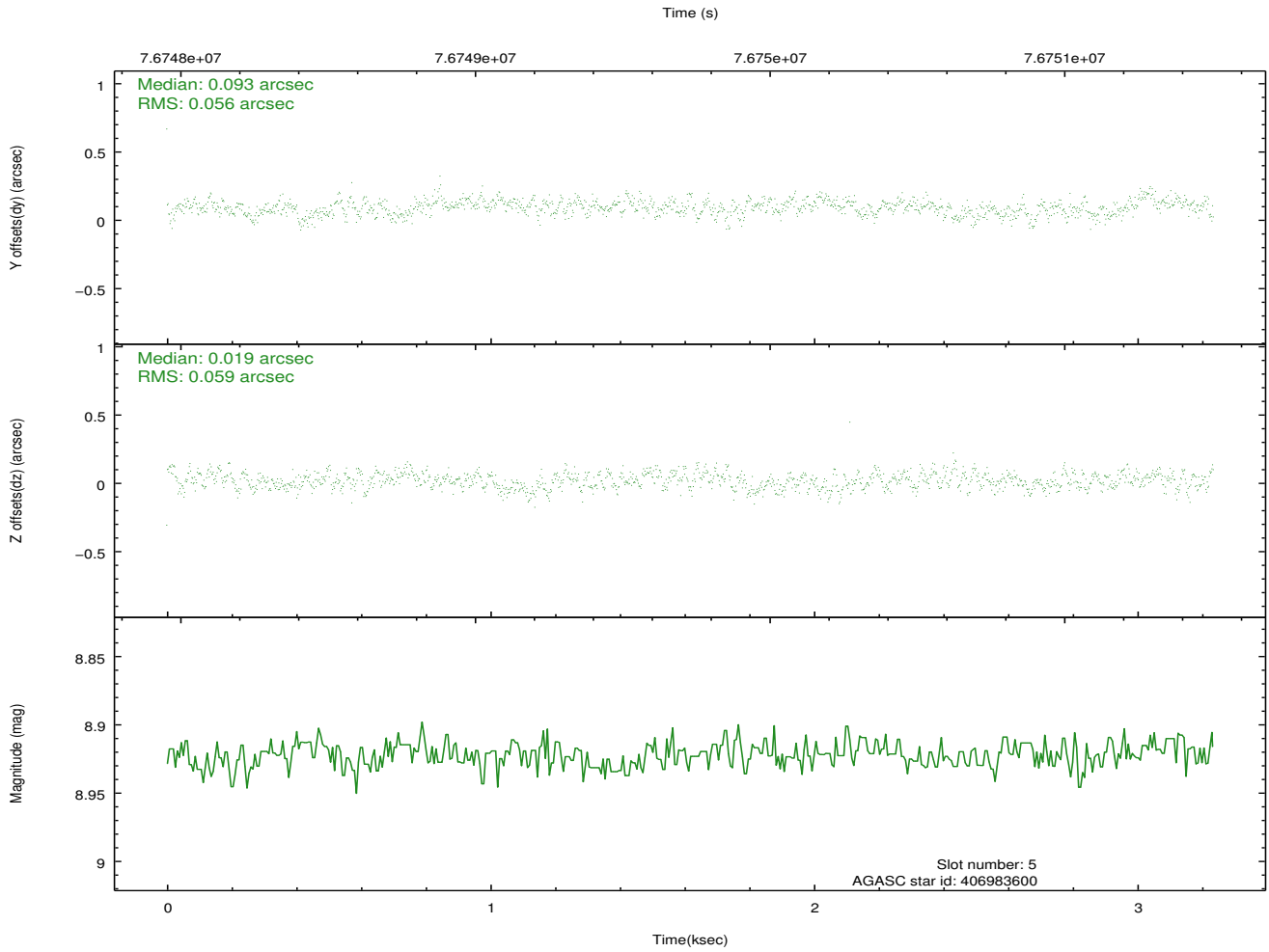
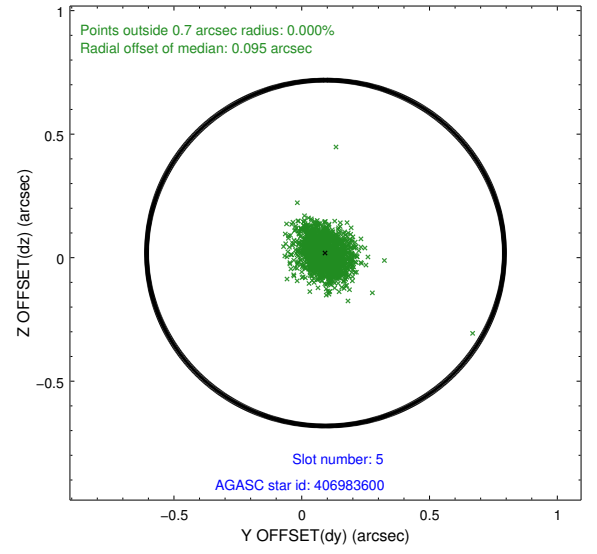
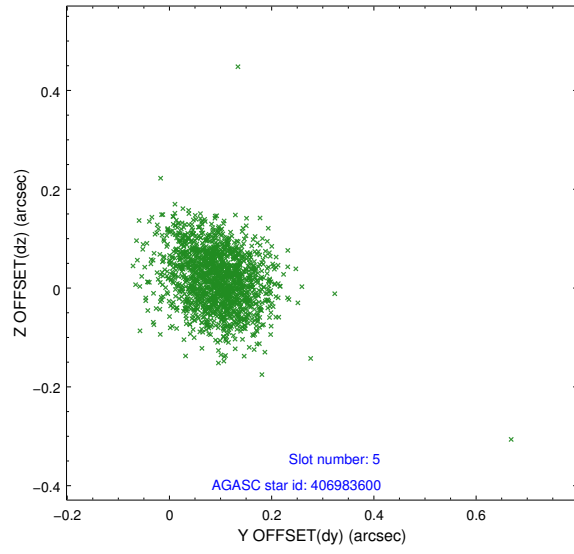
### 2.4.1 Slot 3



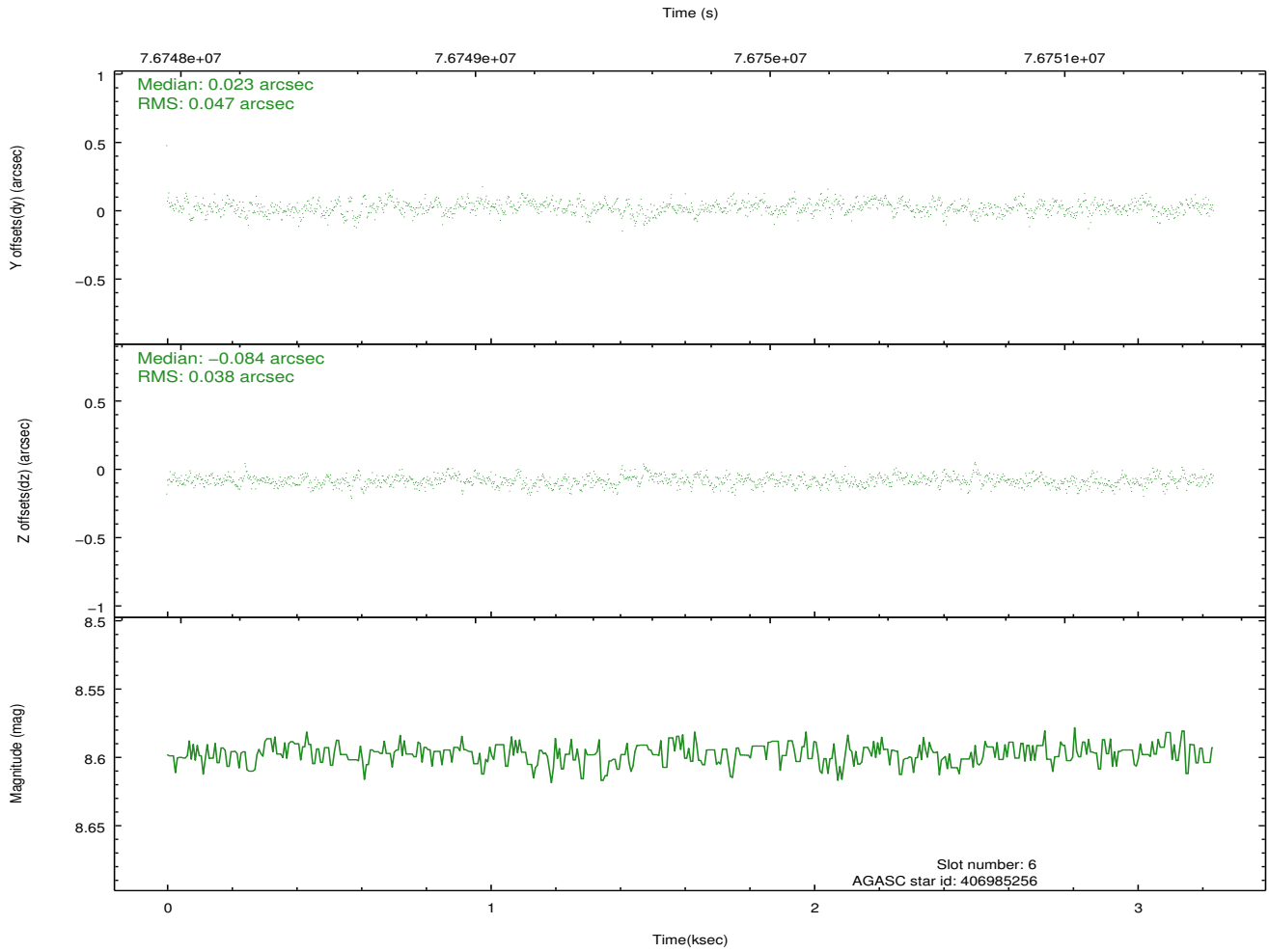
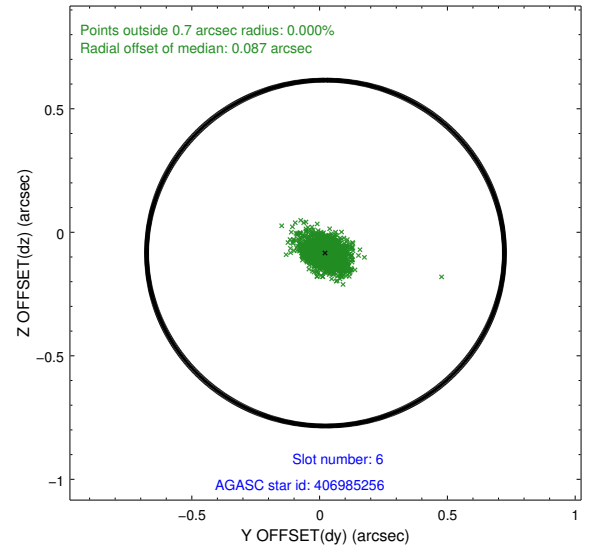
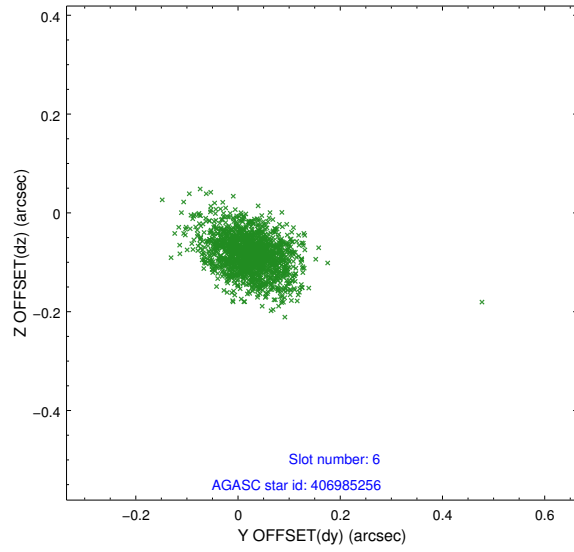
## 2.4.2 Slot 4



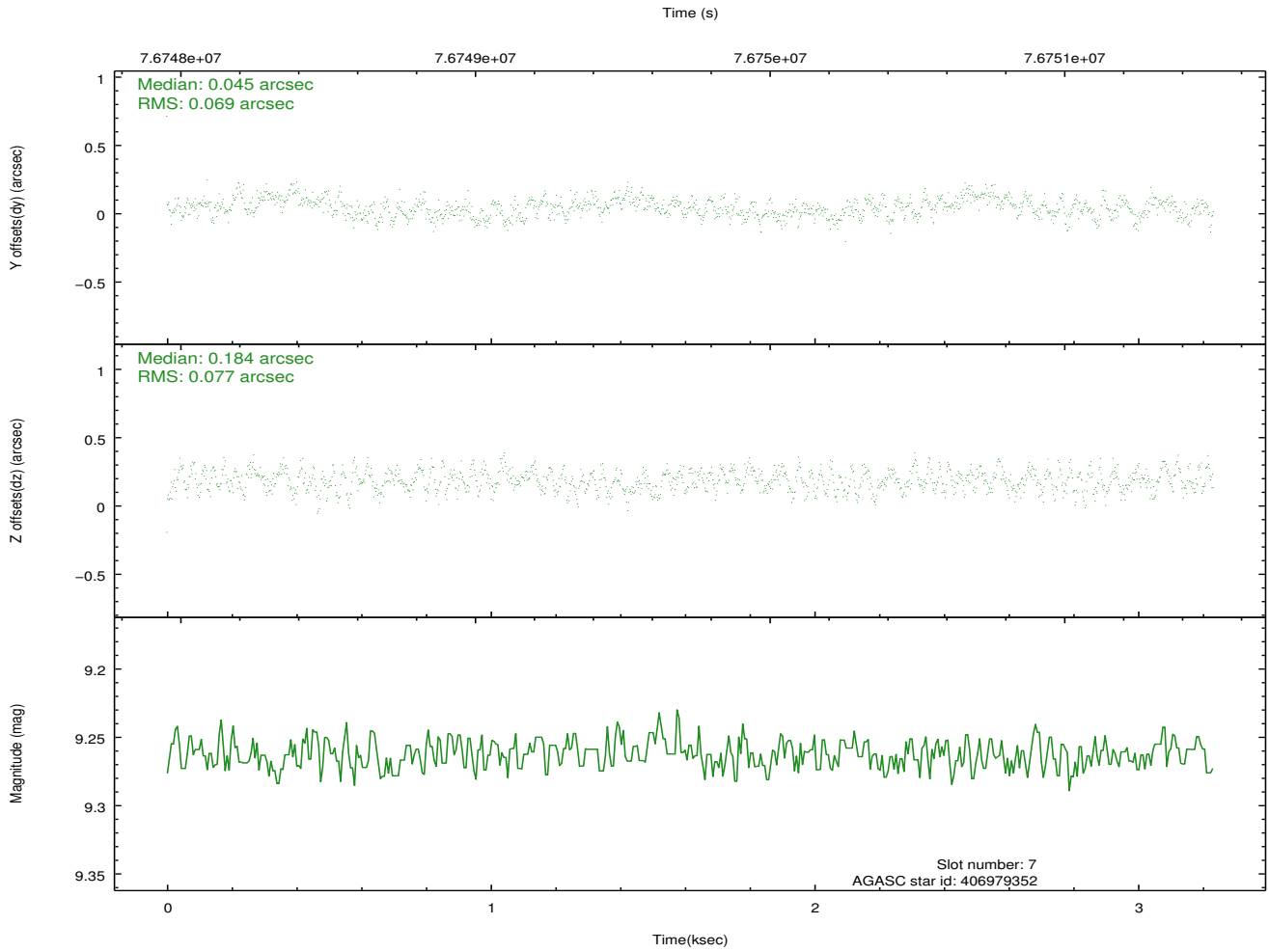
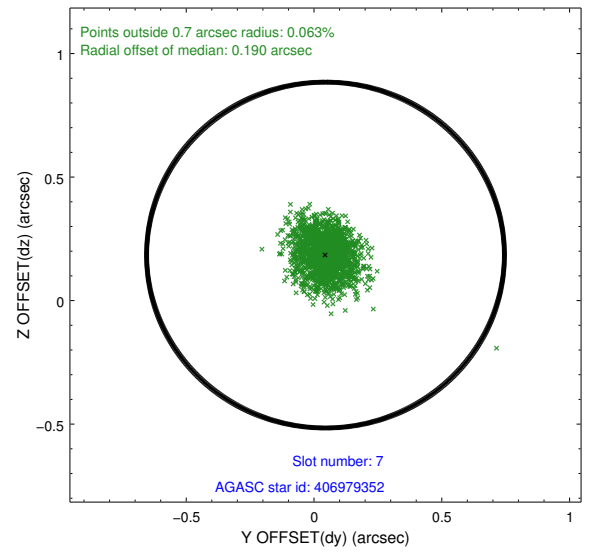
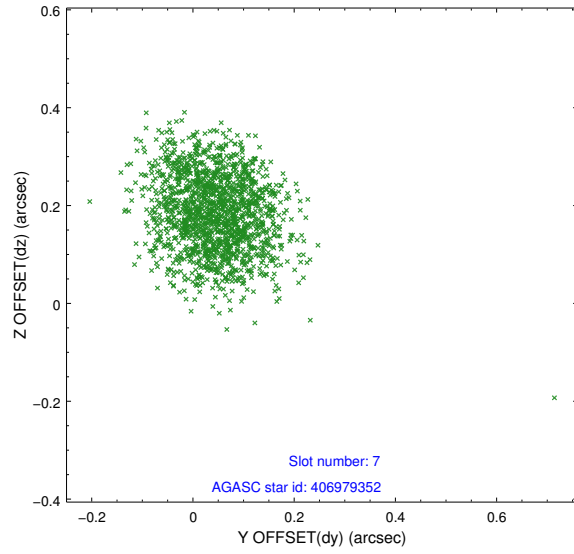
### 2.4.3 Slot 5



## 2.4.4 Slot 6

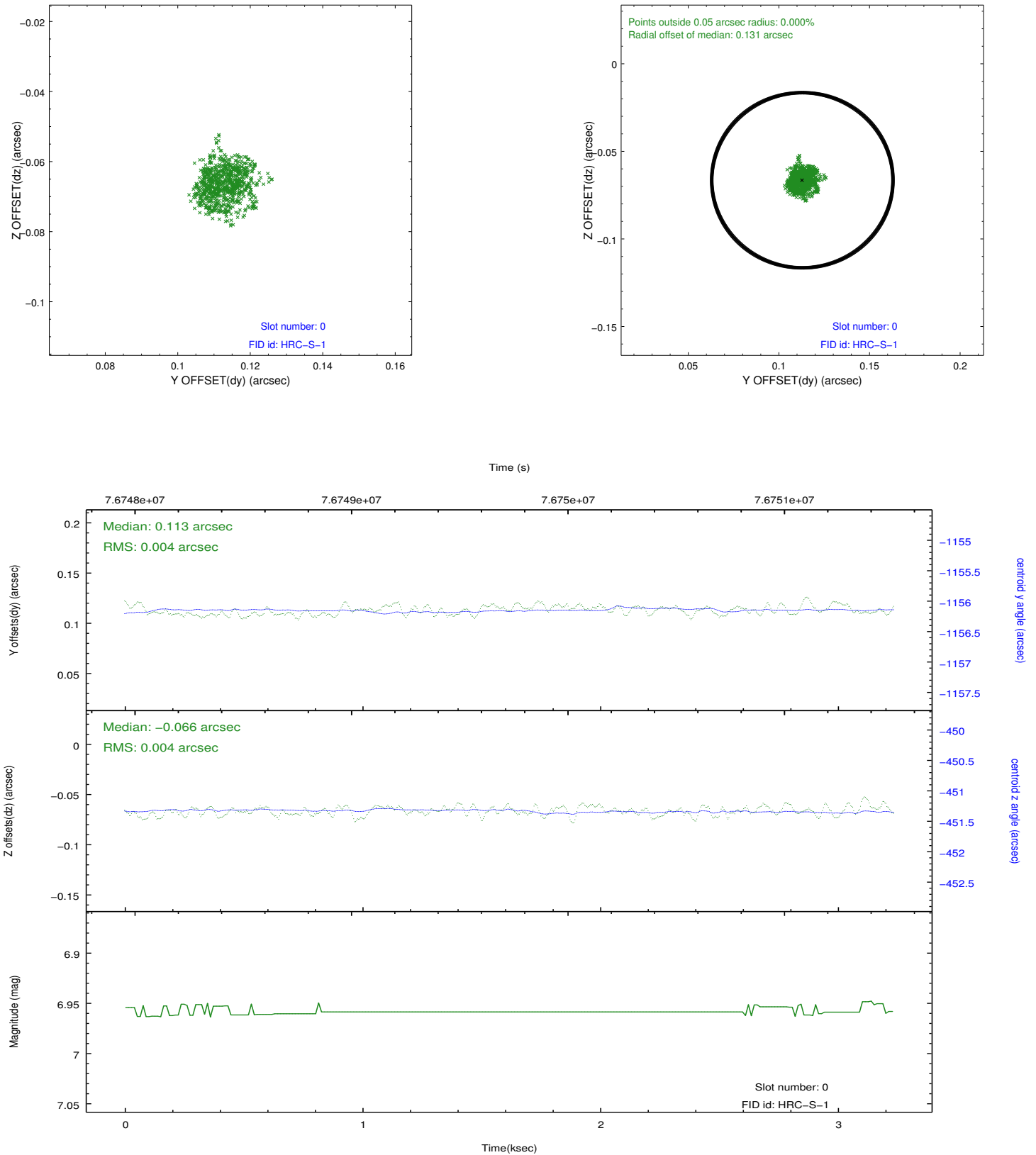


## 2.4.5 Slot 7

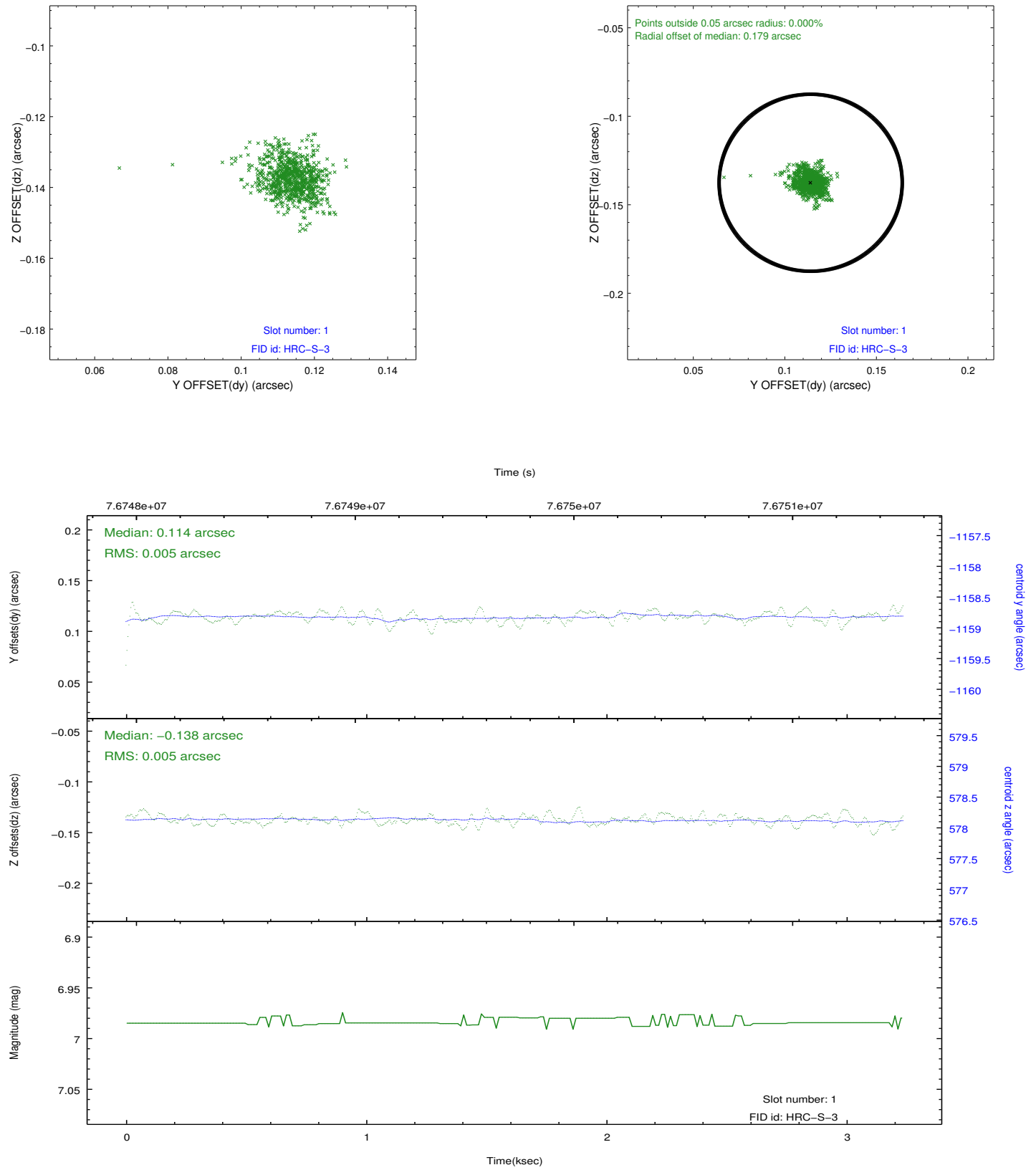


## 2.5 FID Slots

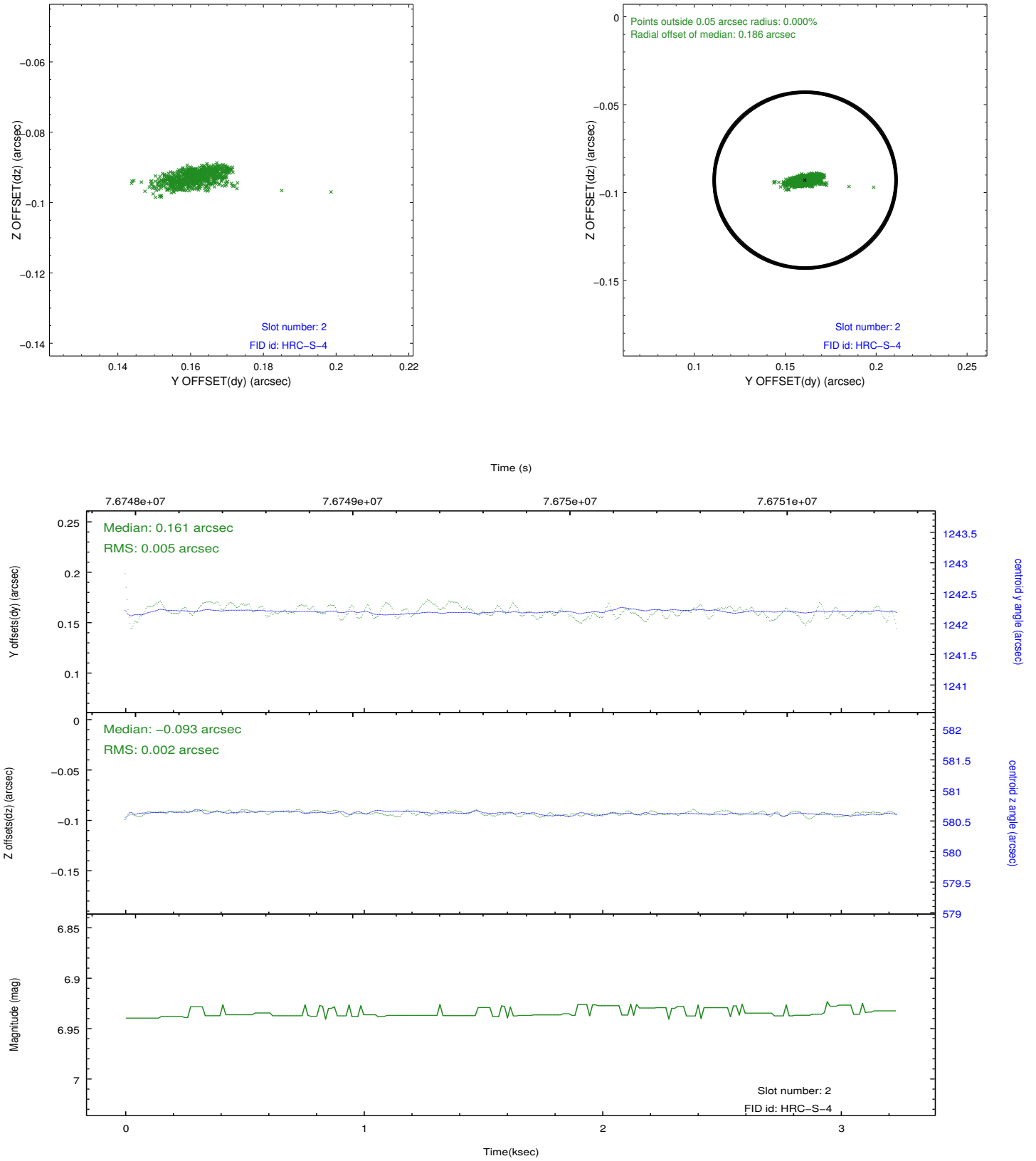
### 2.5.1 Slot 0



## 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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.891

### A.2 Comments