

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 1807 - L2 Version 7  
Chandra X-Ray Center

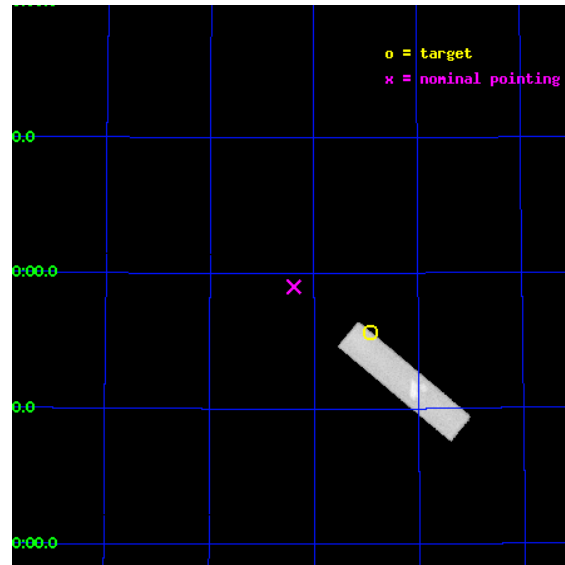
L2 Processing Date : Aug 31 2012

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# 1 Front

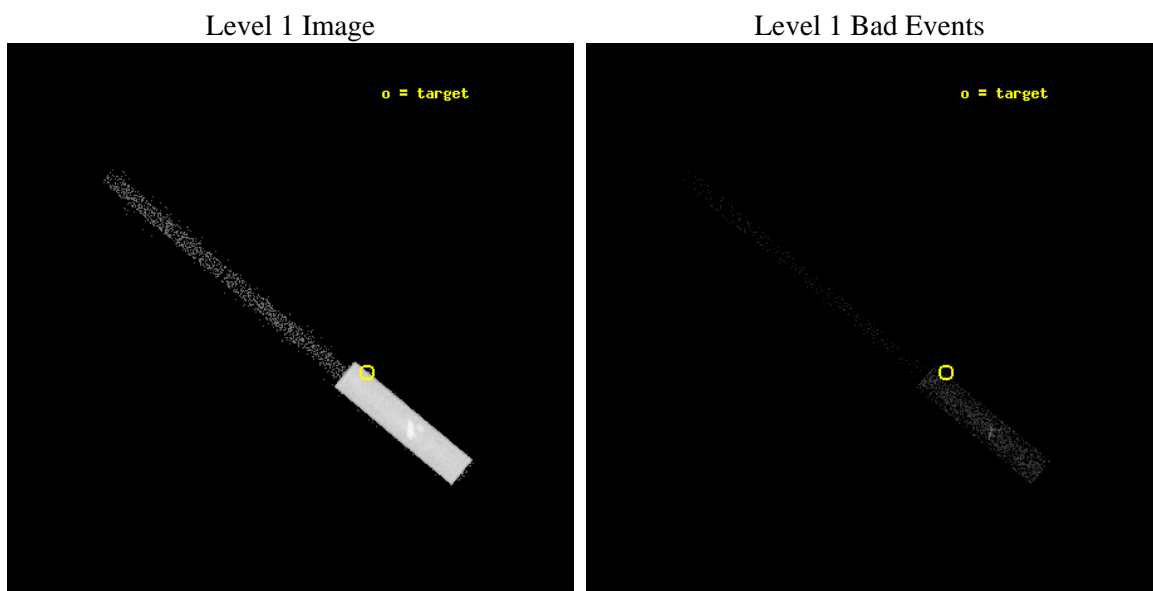
seq_num	290089	Sequence number
obs_id	1807	Observation id
title	TEST OF UV SENSITIVITY	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA	Source name
ra_targ	279.230833	Observer's specified target RA [deg]
dec_targ	38.7795	Observer's specified target Dec [deg]
ra_nom	279.59651965199	Nominal RA [deg]
dec_nom	38.950807347374	Nominal Dec [deg]
roll_nom	219.62972615461	Nominal Roll [deg]
revision	7	Processing version of data
ontime	3140.6001169682	[s]
livetime	3126.0242384042	Ontime multiplied by DTCOR
l2events	99862	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	3140.6001169682	[s]
caldsver	4.5.1.1	&#160	l1events	137750	Number of level 1 events
date	2012-08-31T12:11:50	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

Level 1 Events

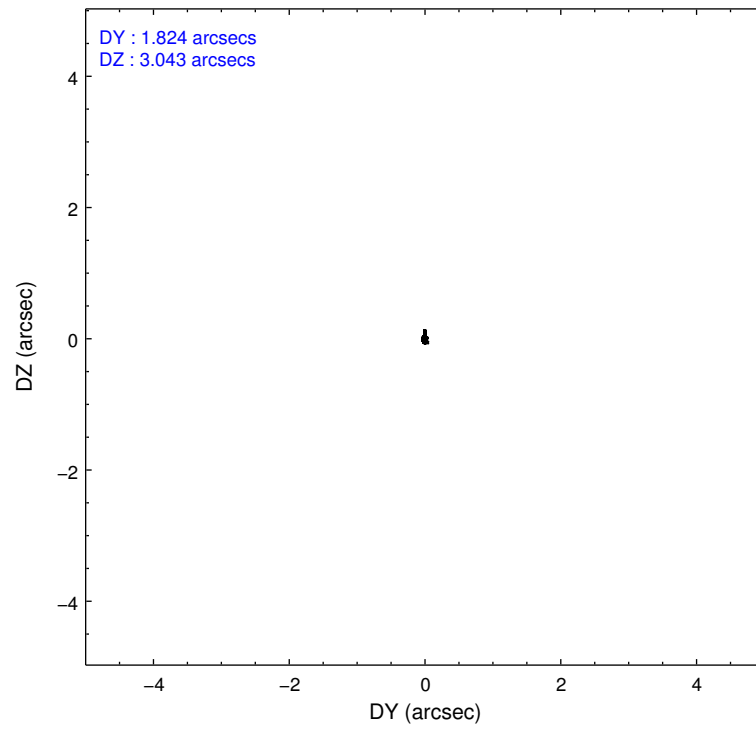
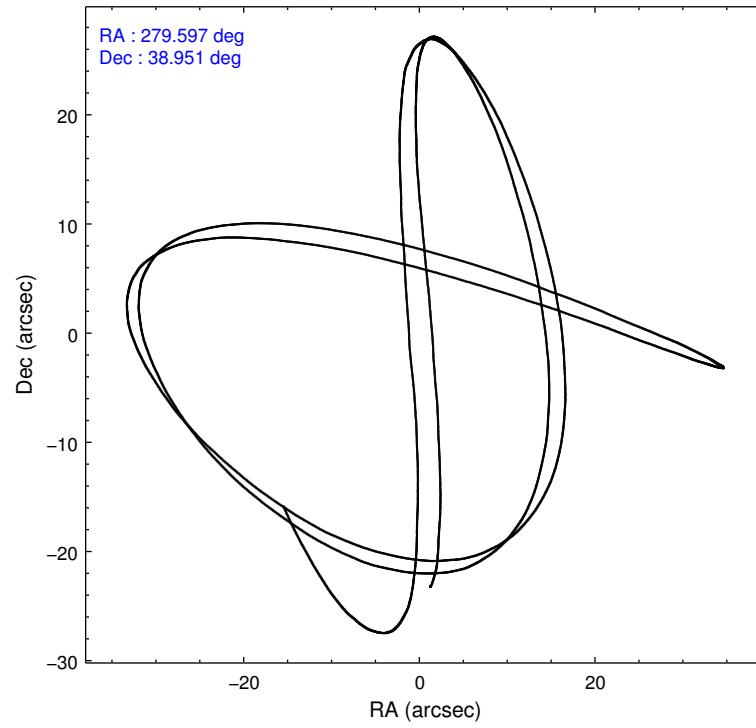
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	784	834	136132
rejected events	784	776	5192
rejected %	100%	93%	3%

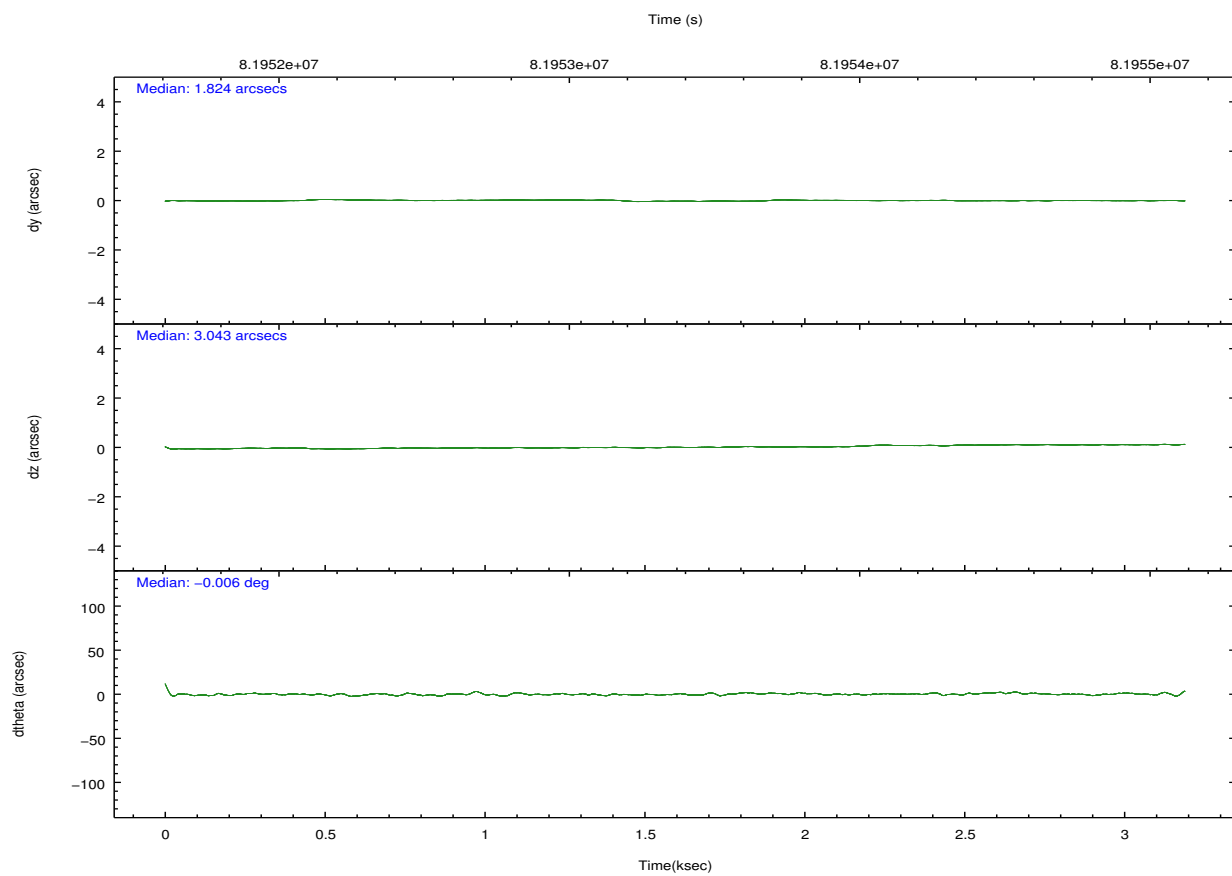
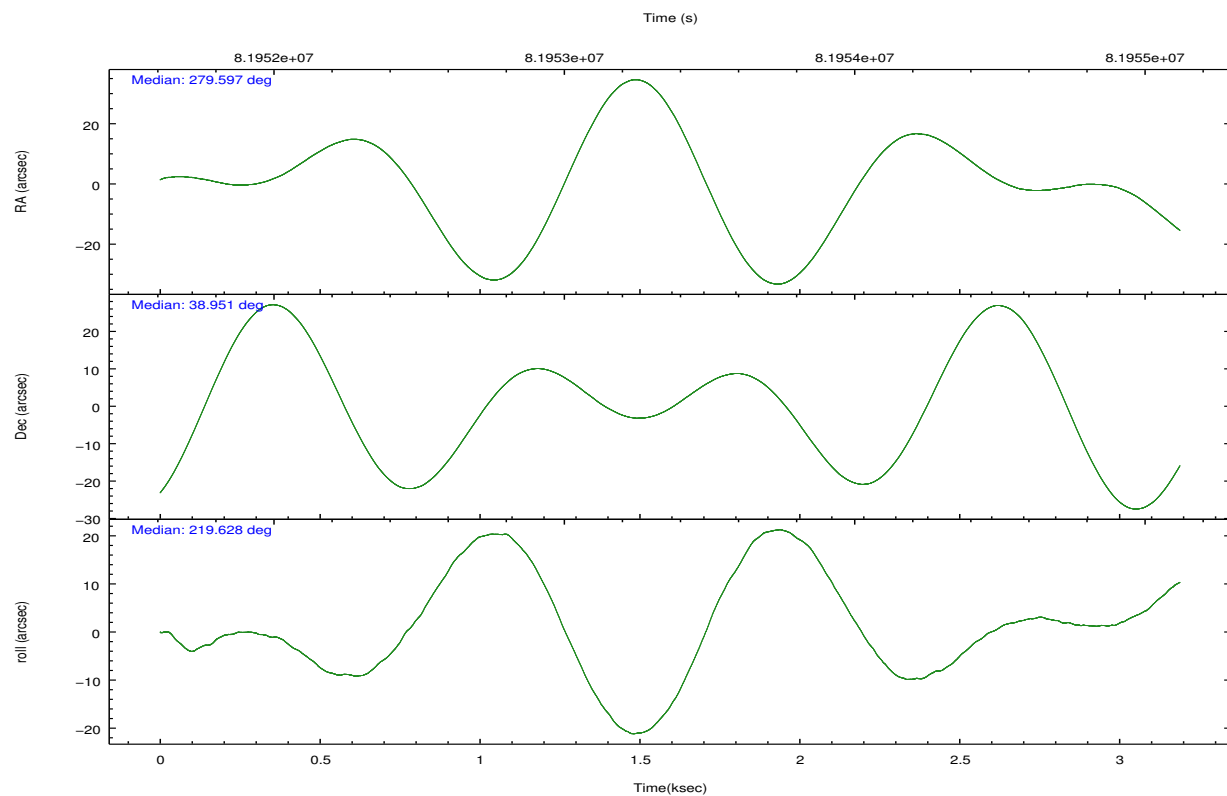
## 2.2 Compared Parameters

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	279.607676	279.5965196519941
[deg] Pointing Dec	38.978218	38.95080734737355
[deg] Pointing Roll	219.555363	219.6297261546057
[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)	81951957.184000	81951581.281626
Observation start date	2000-08-06T12:24:53	2000-08-06T12:19:41
[s] Observation end time (MET)	81954957.184000	81955789.419282
Observation end date	2000-08-06T13:14:53	2000-08-06T13:29:49

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

## 2.3 Aspect





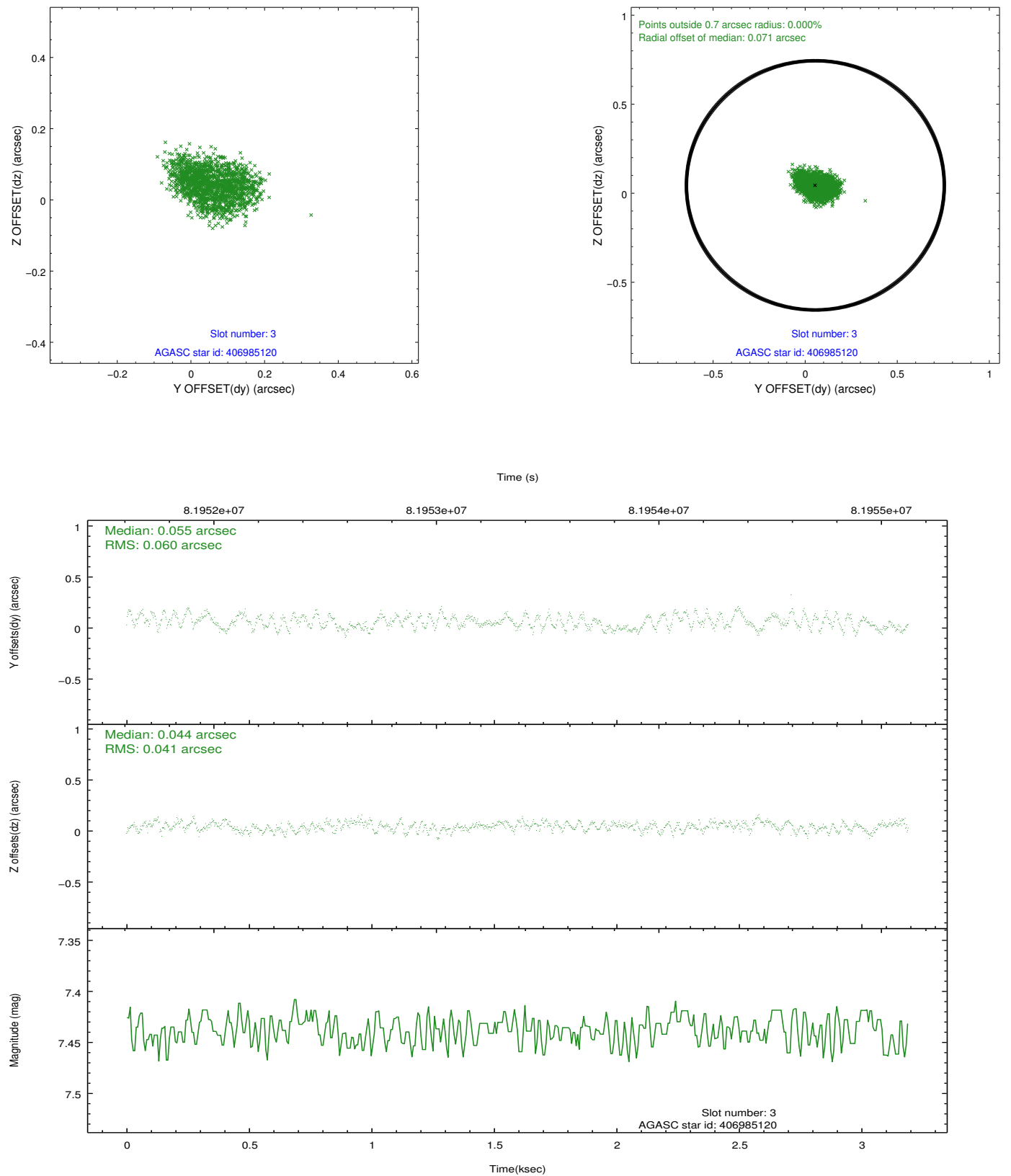
### Slot Statistics

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	778	0.099	-0.084	0.006	0.010	0.000000	0.000000	-1155.86	-451.50
1	FID	HRC-S-3	7.00	778	0.172	-0.126	0.007	0.012	0.000000	0.000000	-1160.03	577.40
2	FID	HRC-S-4	6.94	778	0.117	-0.087	0.005	0.008	0.000000	0.000000	1240.89	581.42
3	GUIDE	406985120	7.44	1557	0.055	0.044	0.079	0.119	278.839732	38.894839	1844.93	-1145.79
4	GUIDE	407513096	8.13	1557	-0.053	0.076	0.060	0.093	279.928965	39.436841	-1739.54	-706.09
5	GUIDE	406989616	8.24	1557	0.022	-0.027	0.050	0.079	279.202881	38.520843	1925.41	541.01
6	GUIDE	407521232	8.64	1557	-0.000	-0.033	0.075	0.117	279.628883	39.431715	-1083.39	-1220.98
7	GUIDE	406983600	8.93	1555	-0.024	-0.055	0.072	0.116	279.940957	39.020708	-817.44	473.53

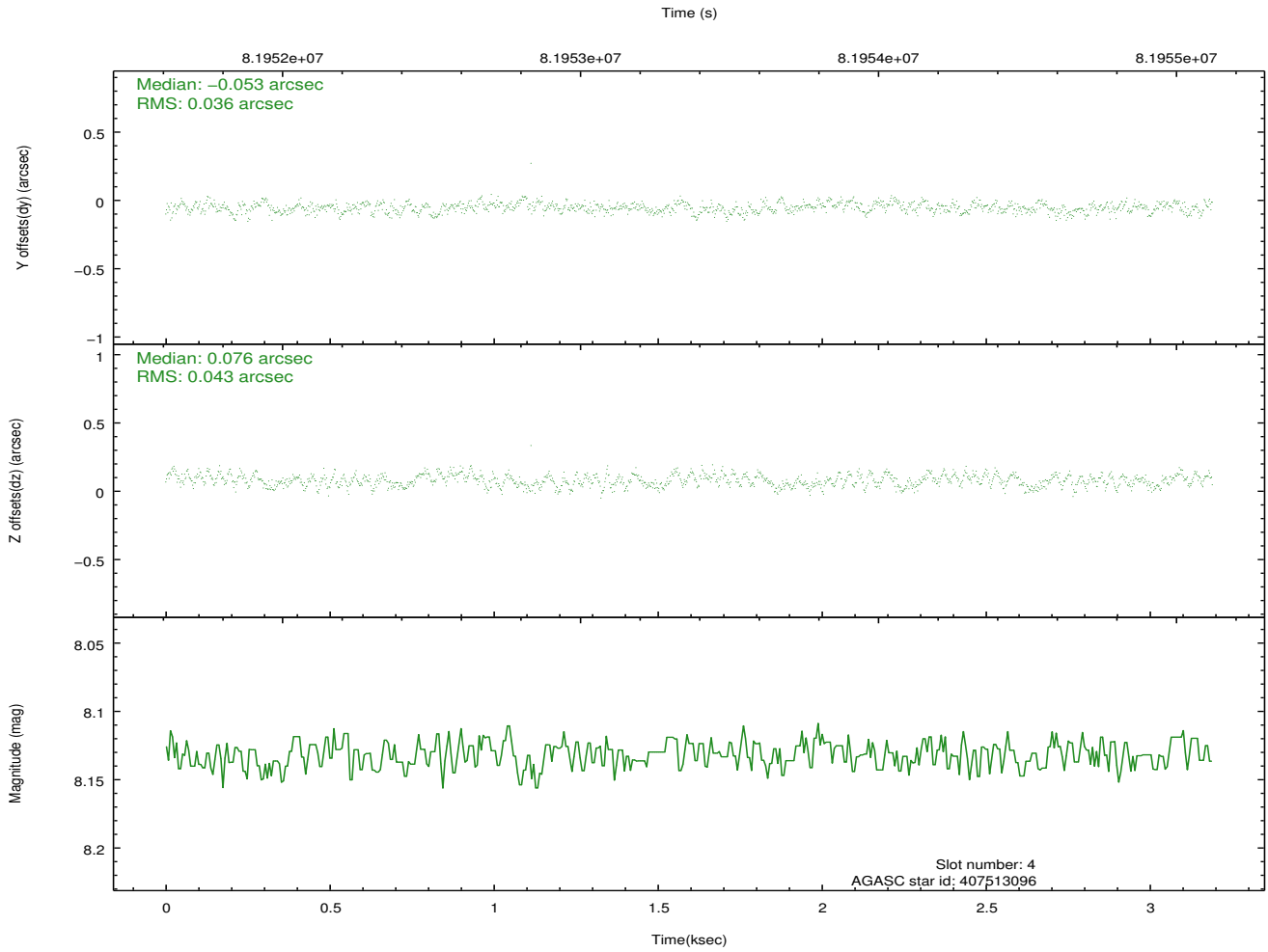
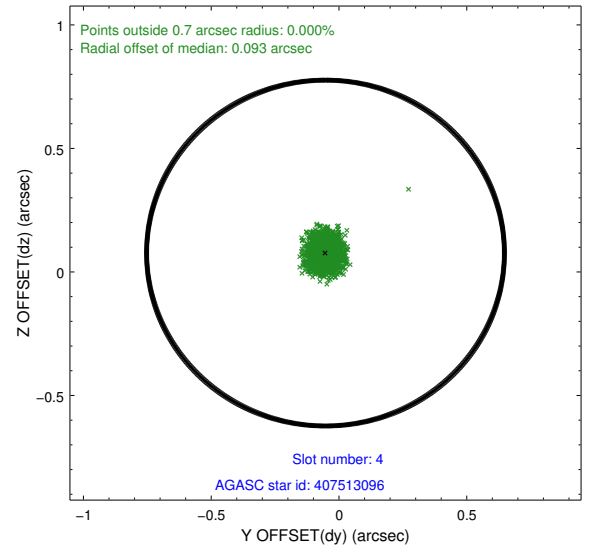
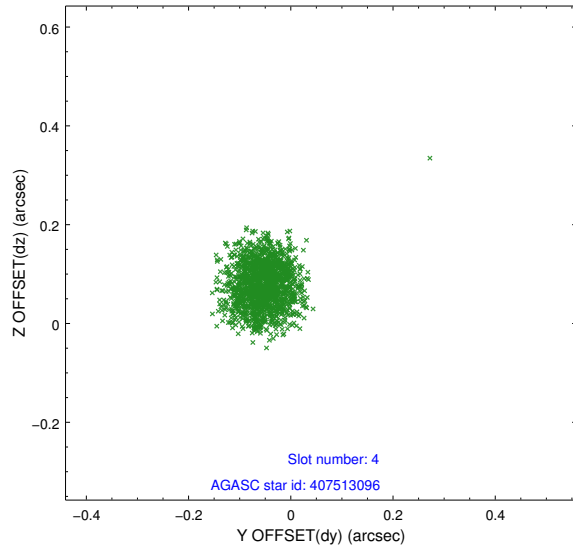


## 2.4 Star Slots

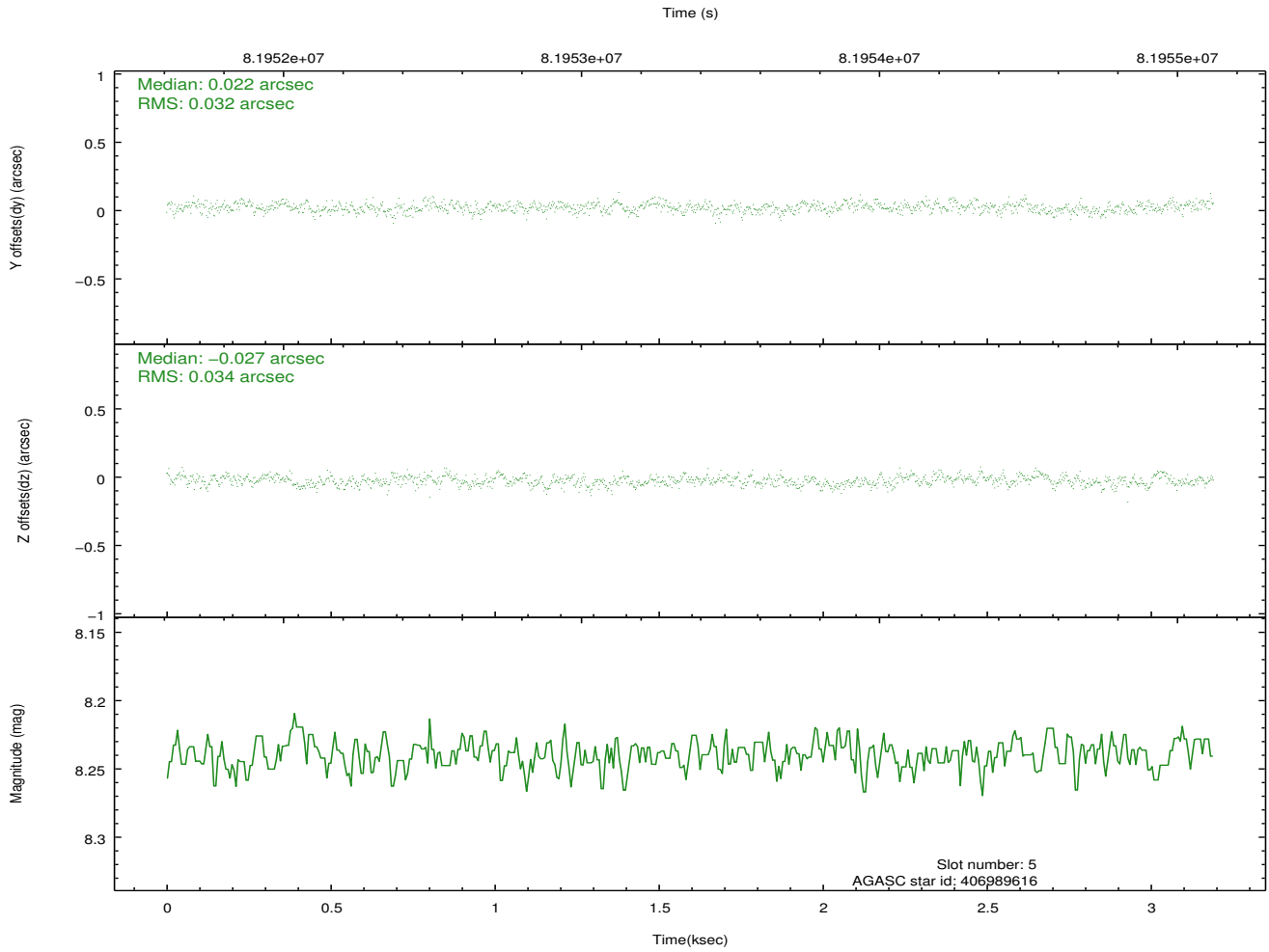
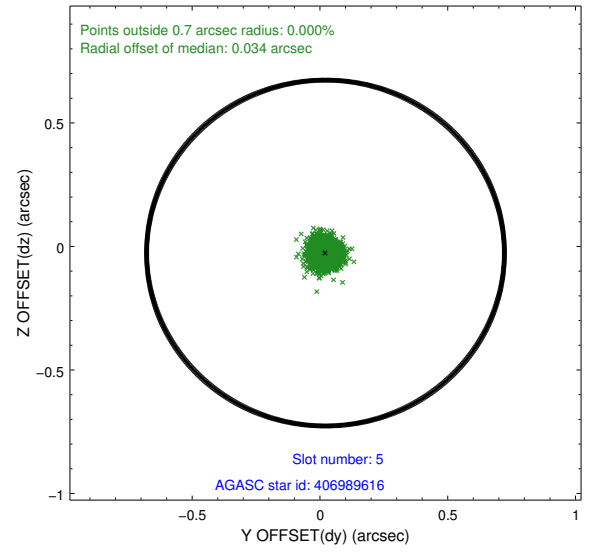
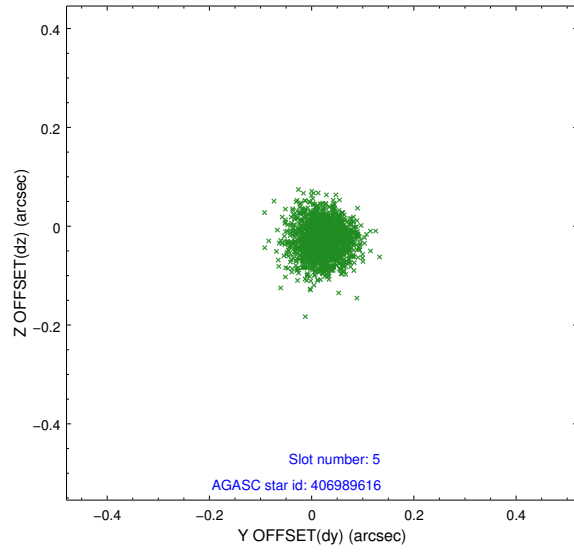
### 2.4.1 Slot 3



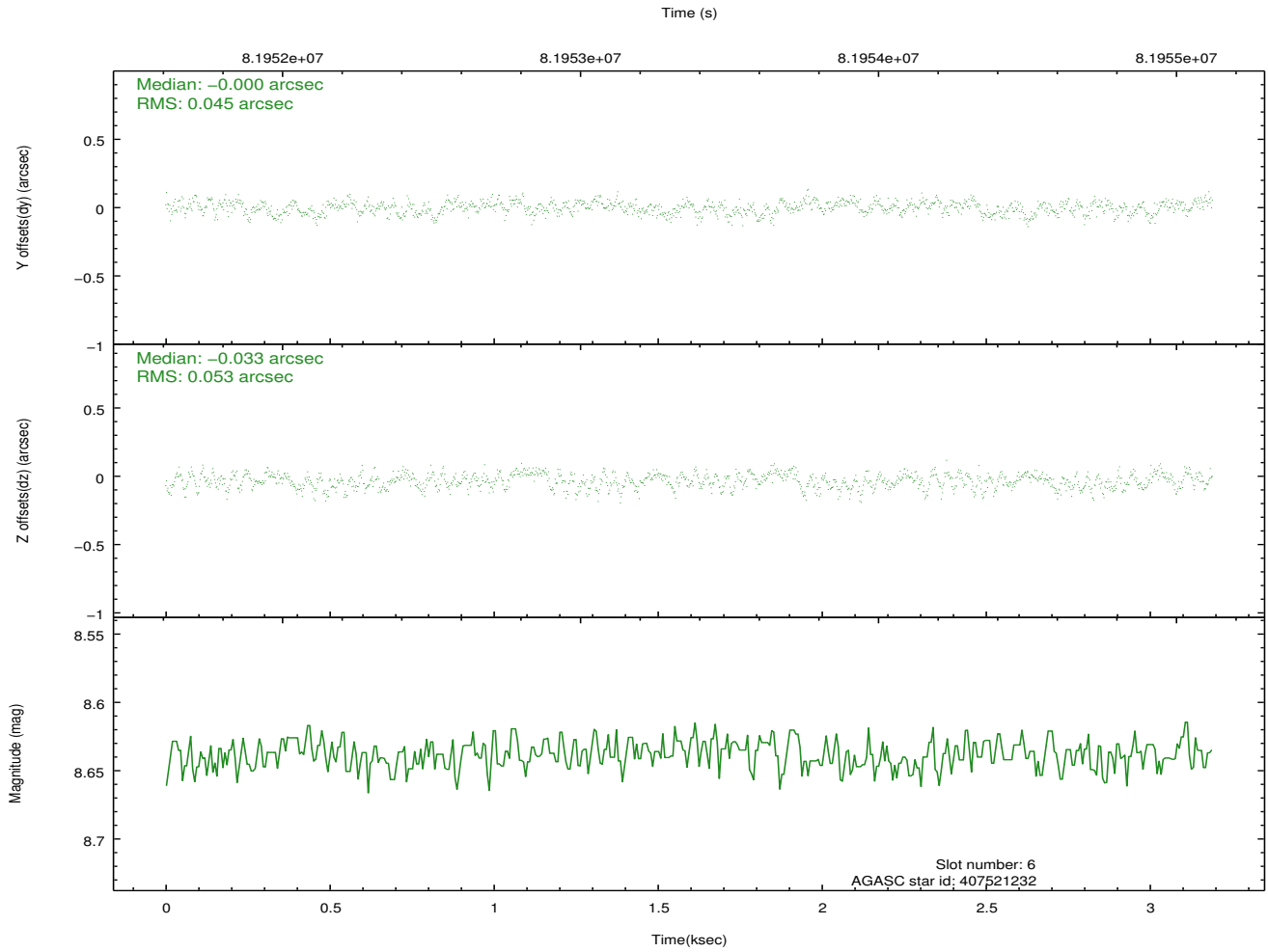
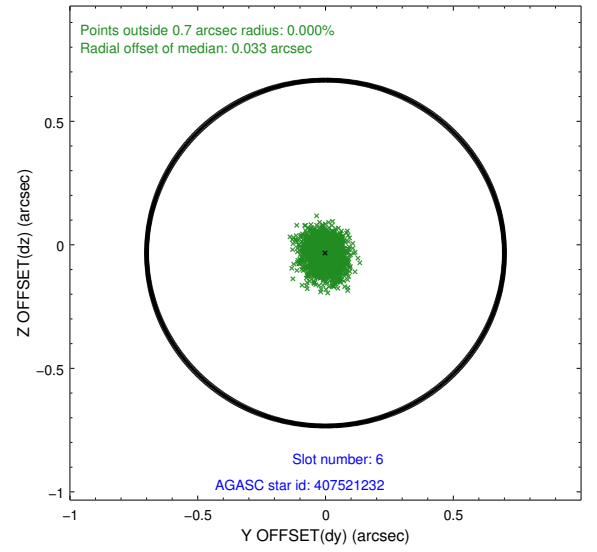
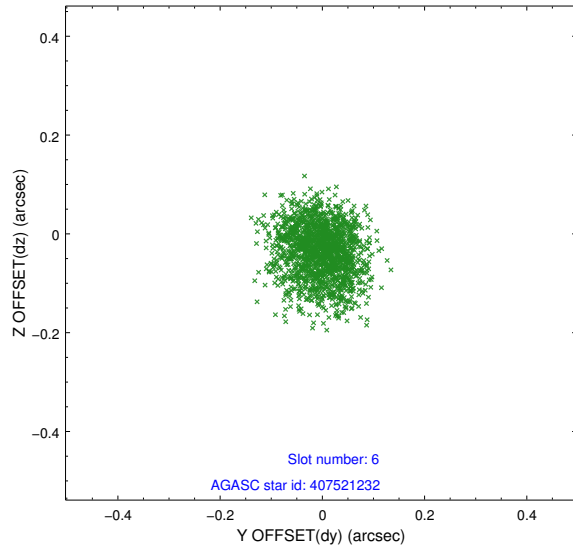
## 2.4.2 Slot 4



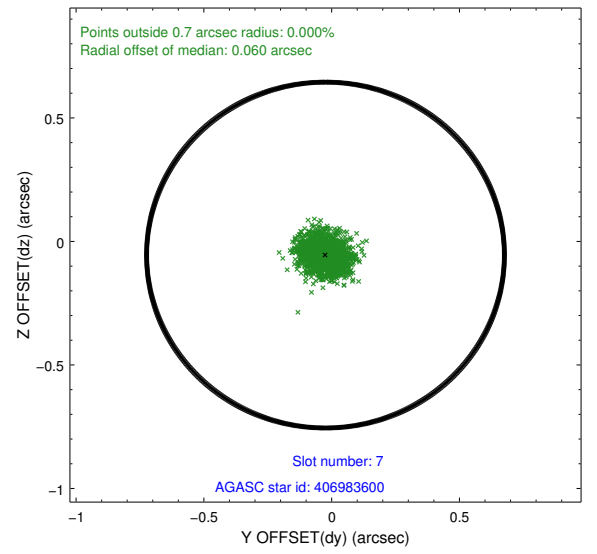
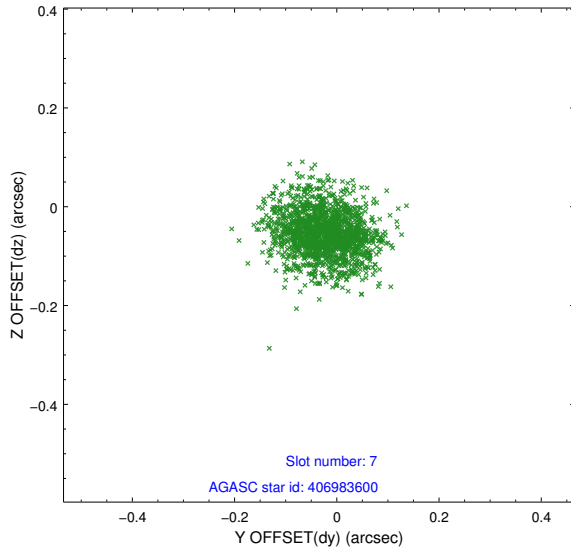
### 2.4.3 Slot 5



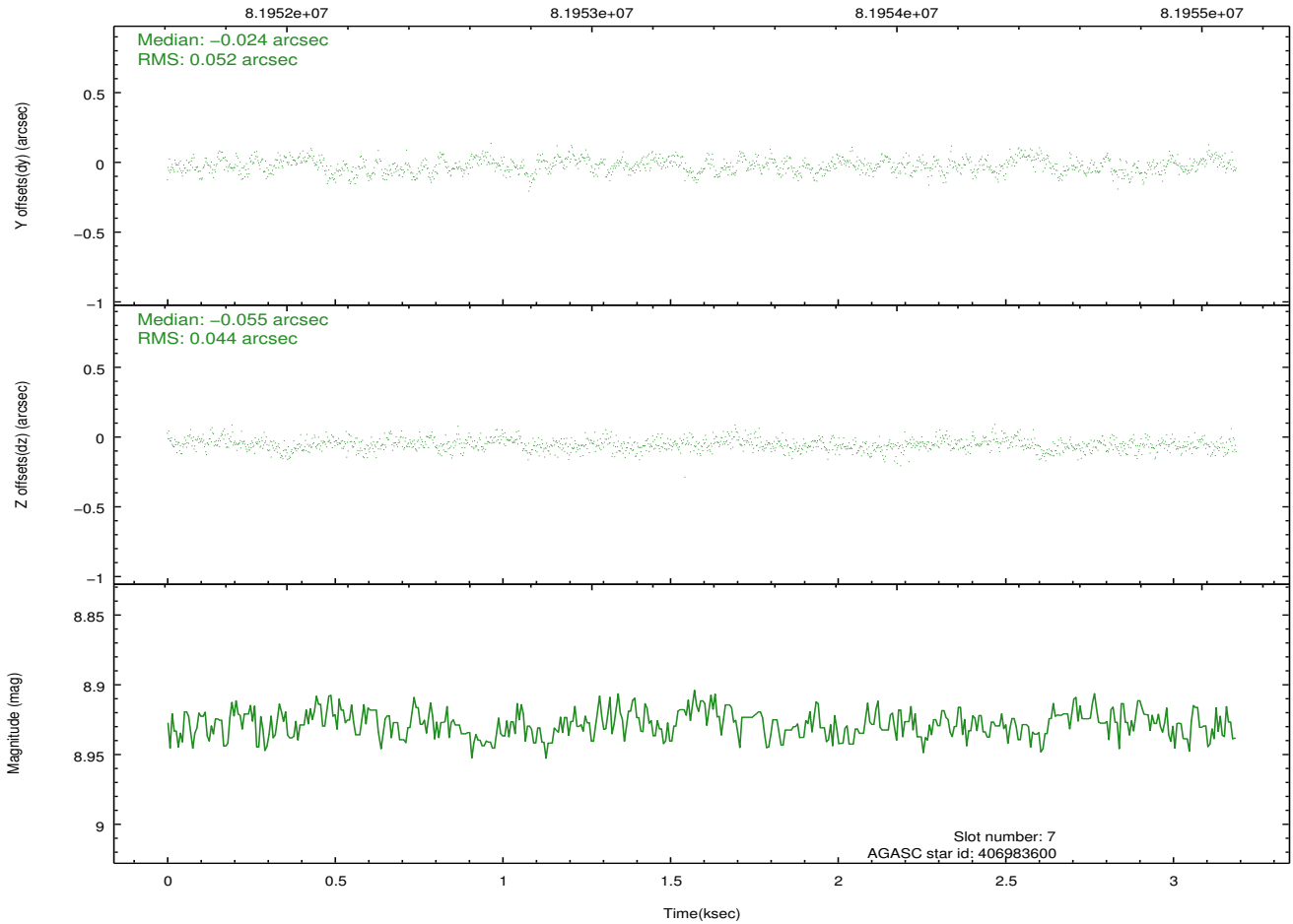
## 2.4.4 Slot 6



## 2.4.5 Slot 7

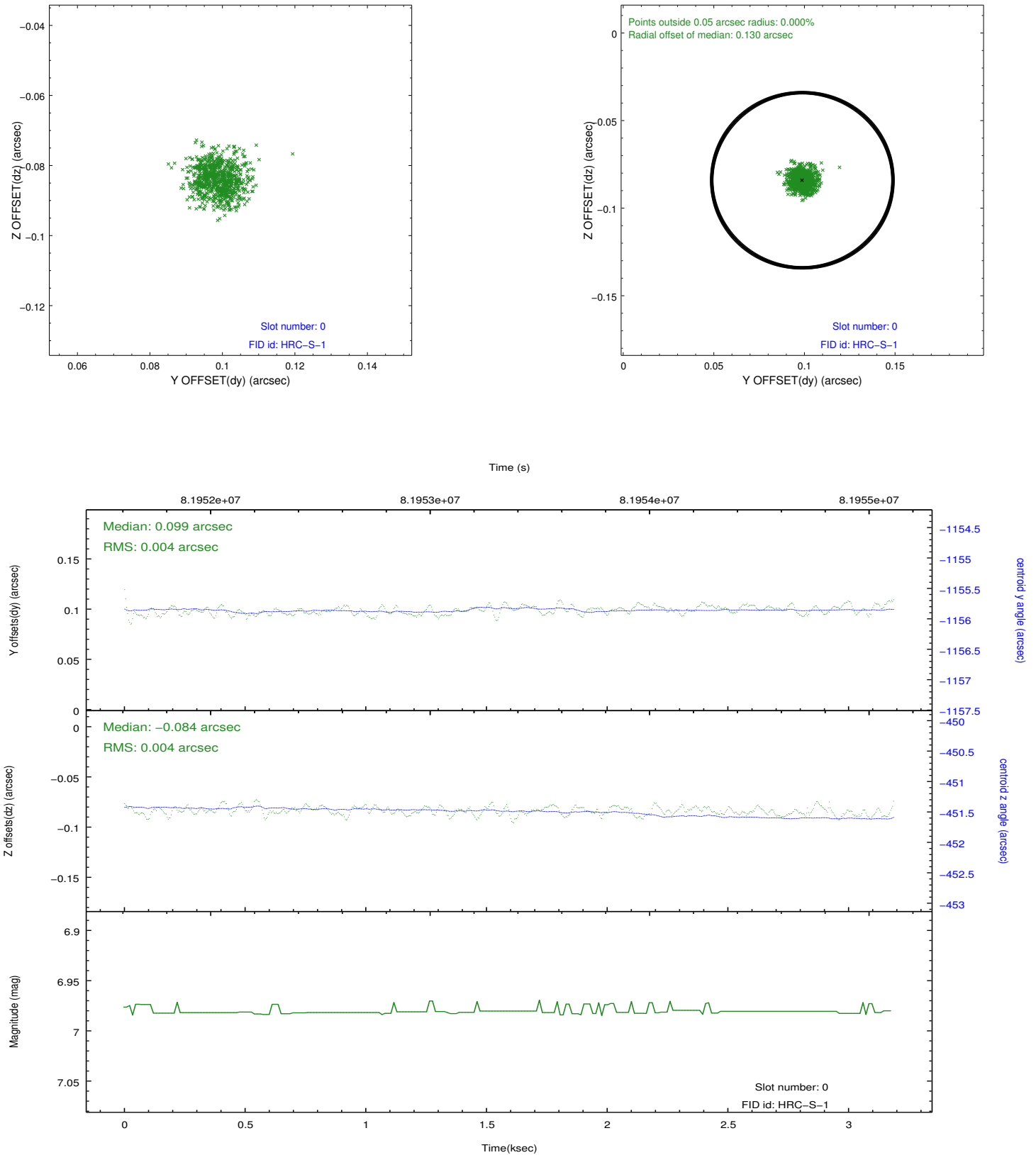


Time (s)

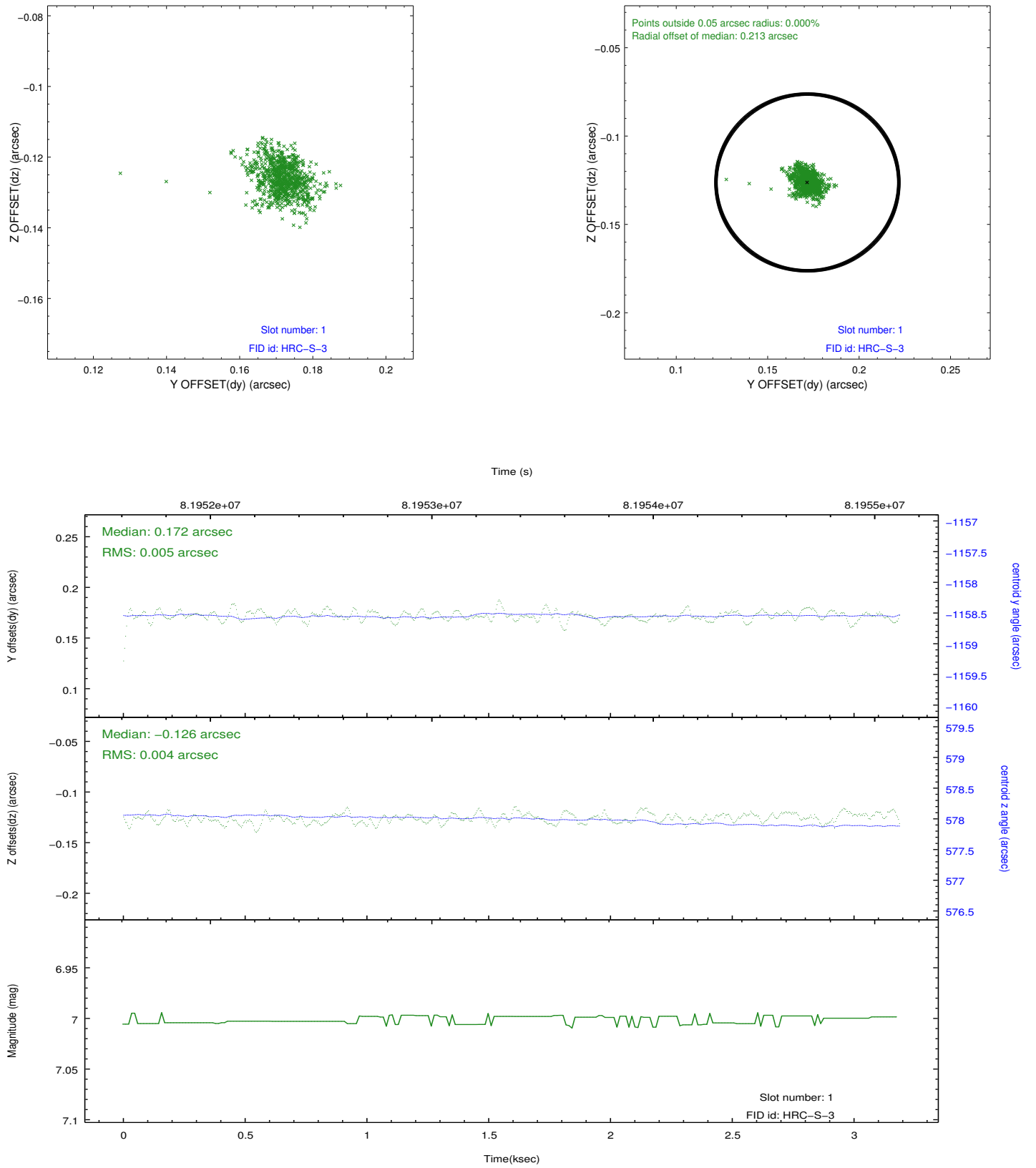


## 2.5 FID Slots

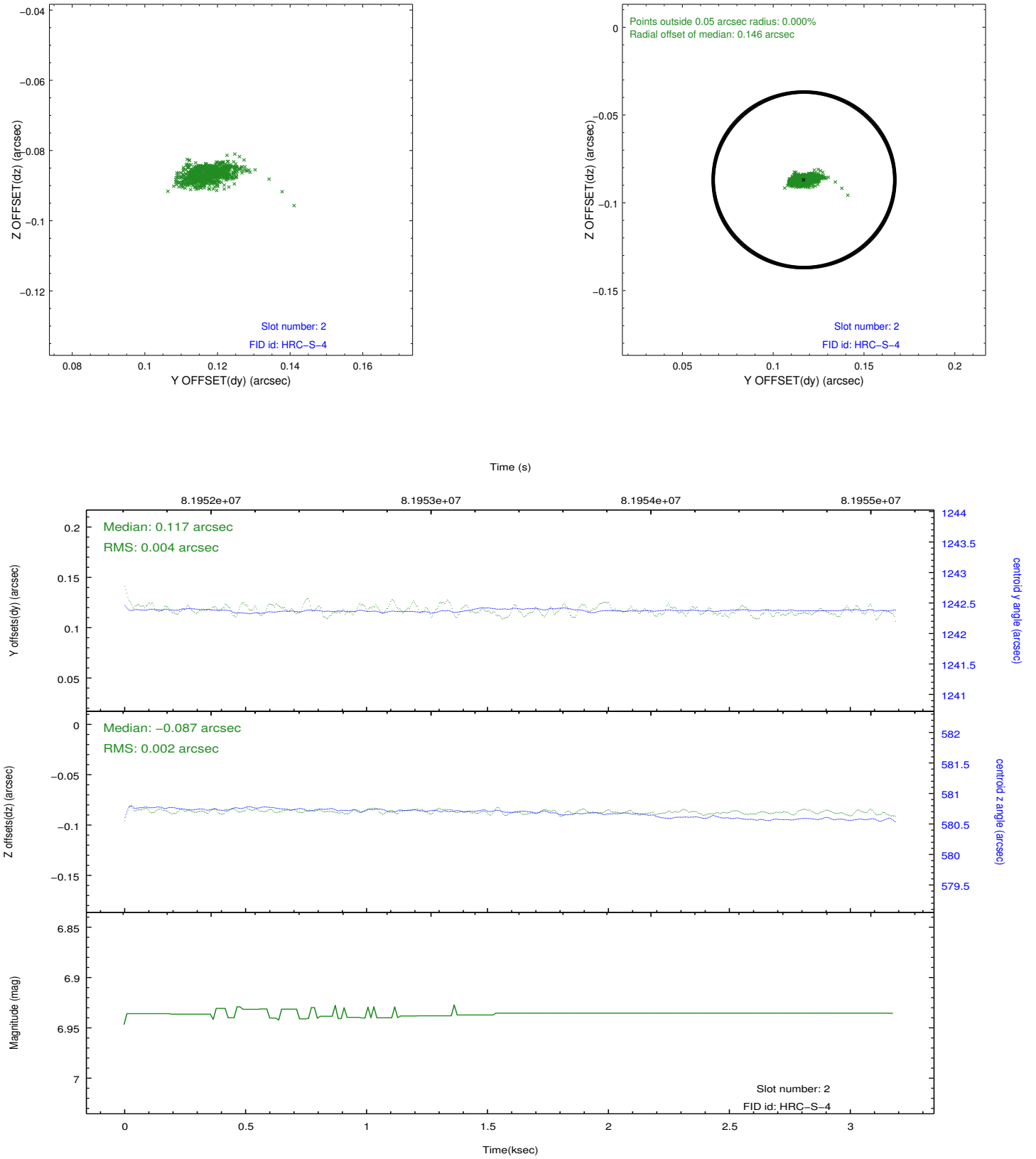
### 2.5.1 Slot 0



## 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	3.177

## A.2 Comments

Charge time for this ObsId remains at previous value of 3.177 ks although with the current processing the charge time would have been 3.14 ksec.