

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 7274 - L2 Version 4  
Chandra X-Ray Center

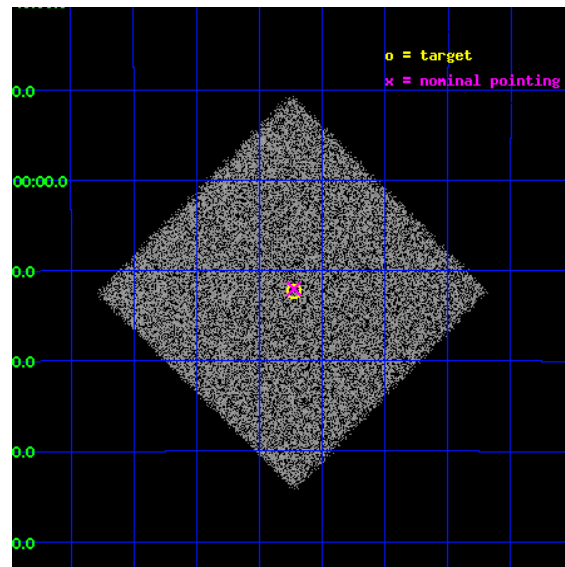
L2 Processing Date : Aug 11 2012

## Contents

<b>1</b>	<b>Front</b>	<b>2</b>
<b>2</b>	<b>OBI</b>	<b>3</b>
2.1	OBI . . . . .	3
2.1.1	Images . . . . .	3
2.1.2	Parameters . . . . .	4
2.1.3	Events . . . . .	4
2.2	Compared Parameters . . . . .	5
2.3	Aspect . . . . .	6
2.4	Star Slots . . . . .	9
2.4.1	Slot 3 . . . . .	9
2.4.2	Slot 4 . . . . .	10
2.4.3	Slot 5 . . . . .	11
2.4.4	Slot 6 . . . . .	12
2.4.5	Slot 7 . . . . .	13
2.5	FID Slots . . . . .	14
2.5.1	Slot 0 . . . . .	14
2.5.2	Slot 1 . . . . .	15
2.5.3	Slot 2 . . . . .	16
<b>A</b>	<b>Summary</b>	<b>17</b>
A.1	Status . . . . .	17
A.2	Comments . . . . .	17

# 1 Front

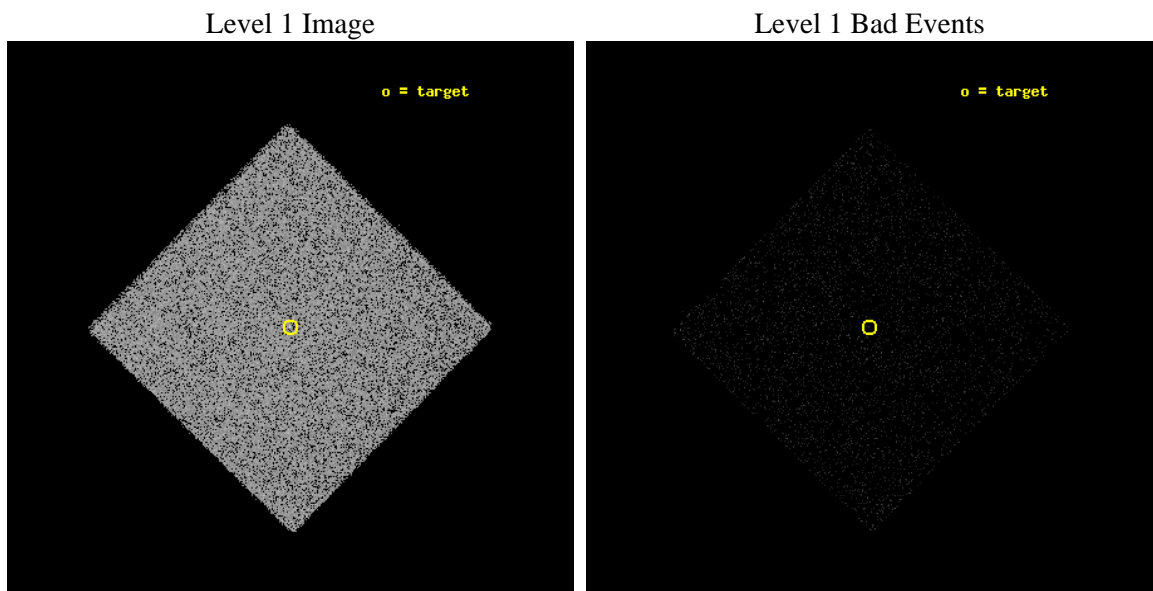
seq_num	500690	Sequence number
obs_id	7274	Observation id
title	Accurate positioning of four INTEGRAL selected isolated NSs	Propos
observer	Dr. Gianluca Israel	Principal investigator
object	IGRJ17513-2011	Source name
ra_targ	267.805417	Observer's specified target RA [deg]
dec_targ	-20.203889	Observer's specified target Dec [deg]
ra_nom	267.8062093494	Nominal RA [deg]
dec_nom	-20.200390978541	Nominal Dec [deg]
roll_nom	89.50917381253	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1097.0063011348	[s]
livetime	1018.7191450192	Ontime multiplied by DTCOR
l2events	49620	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	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1097.0063011348	[s]
caldbver	4.5.1.1	&#160	l1events	126691	Number of level 1 events
date	2012-08-11T06:43:40	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

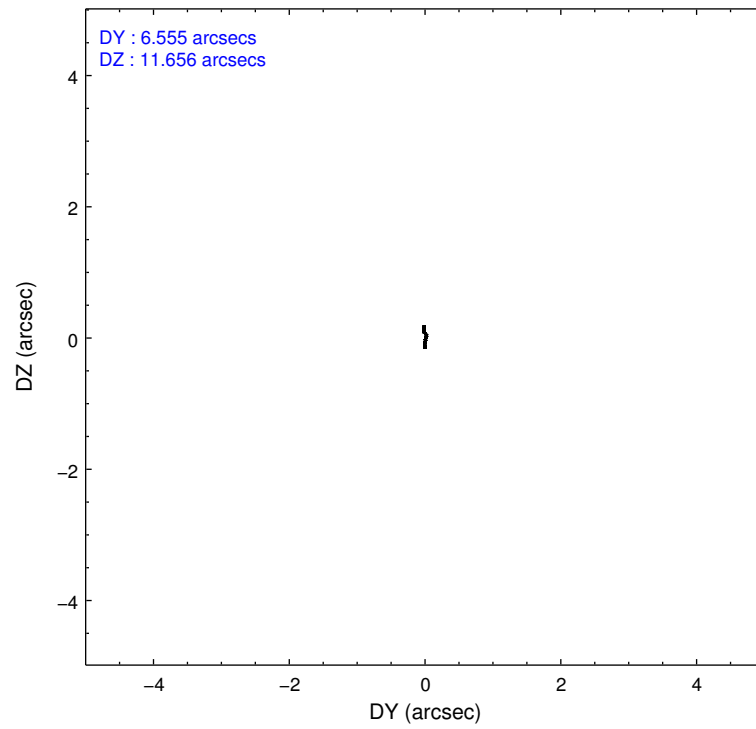
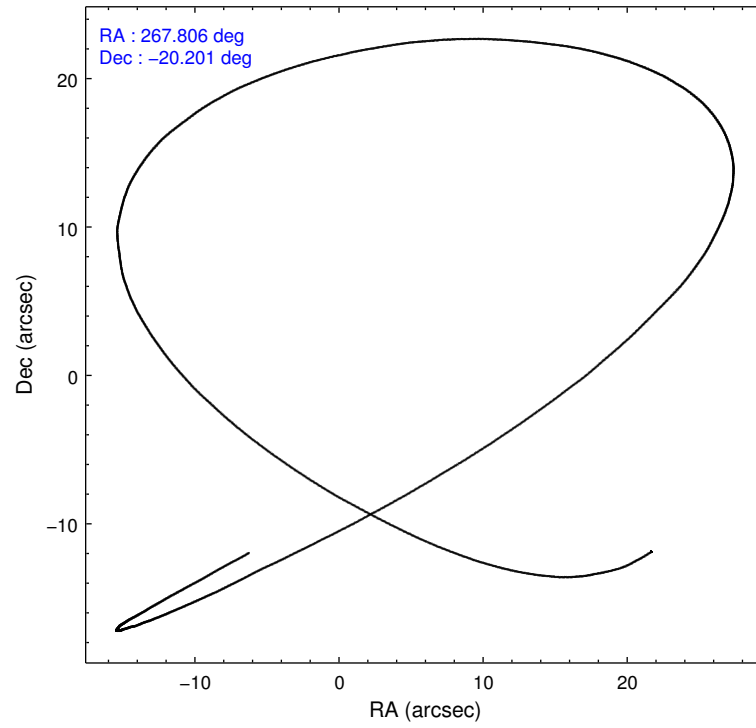
	<b>segment 0</b>
level 1 events	126691
rejected events	52337
rejected %	41%

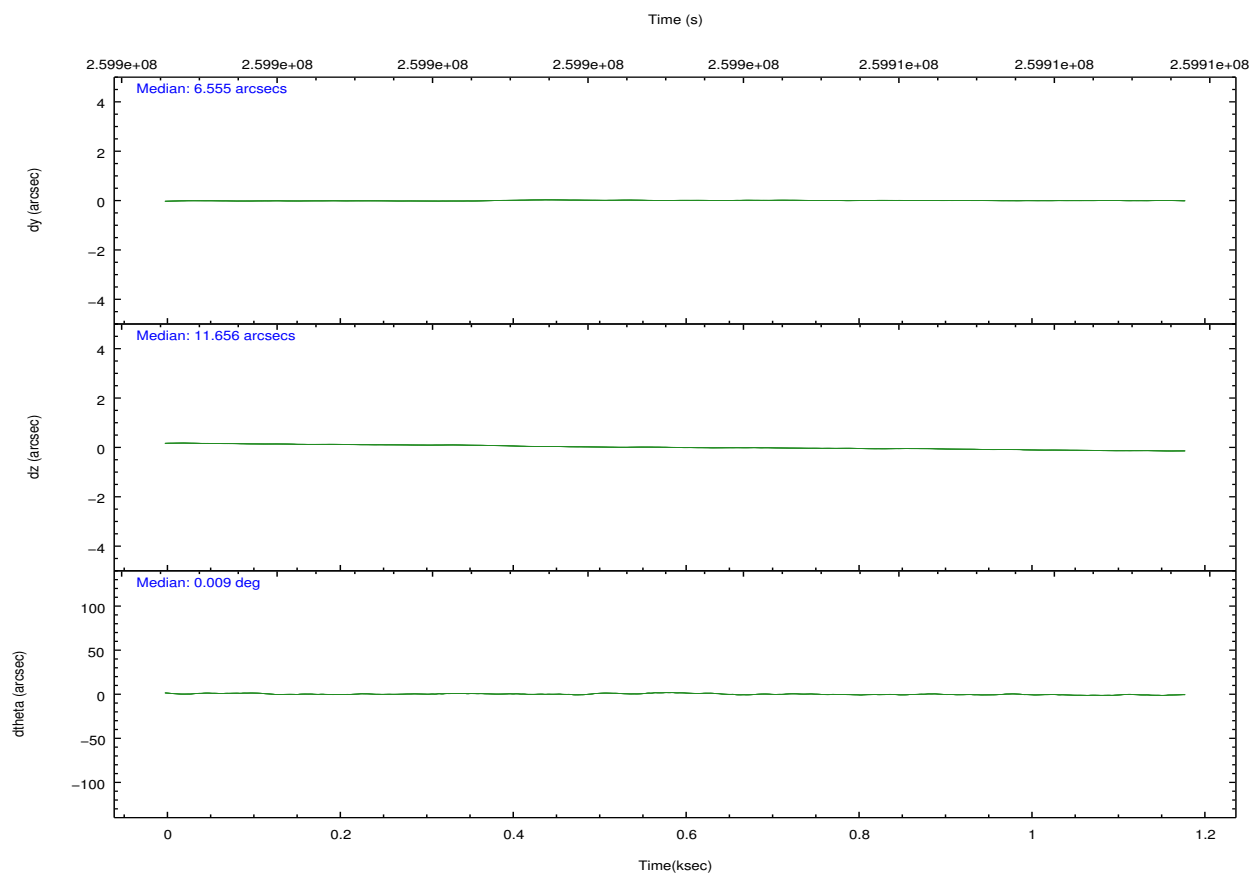
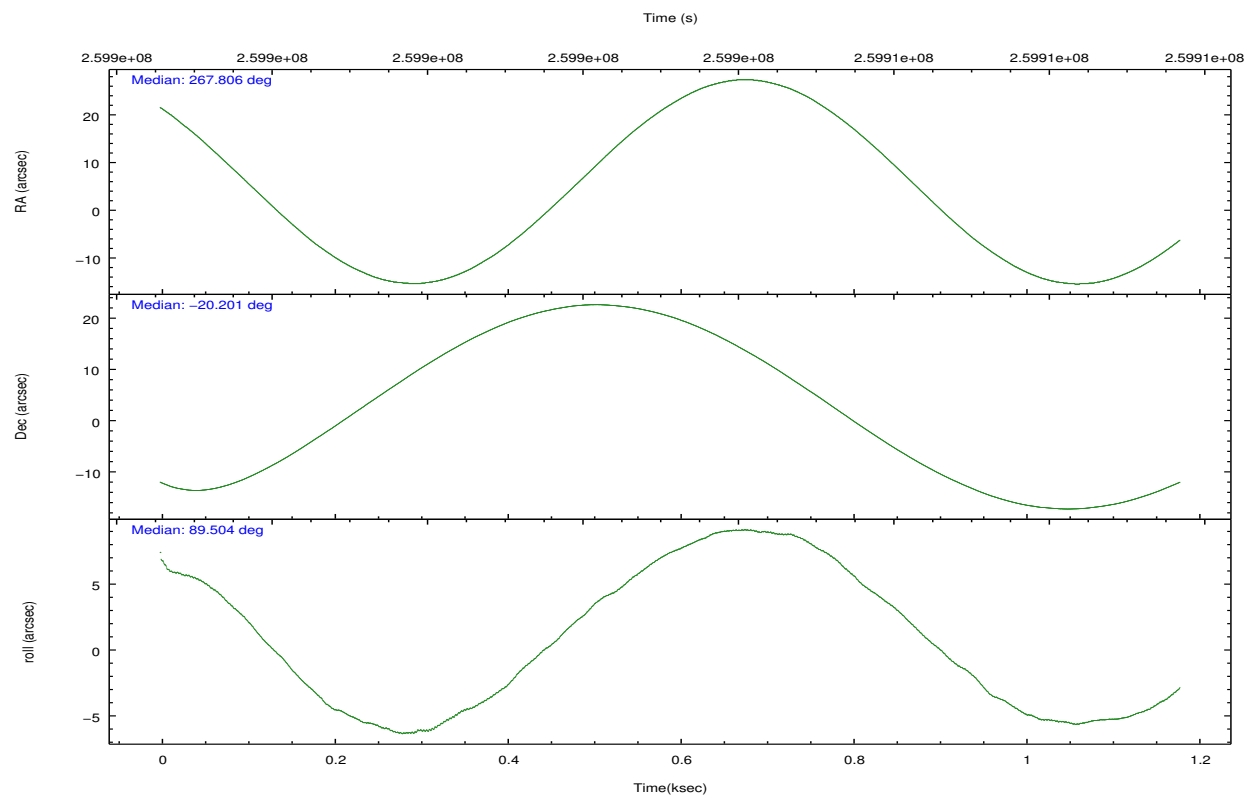
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	267.821973	267.8062093493995
[deg] Pointing Dec	-20.223331	-20.20039097854056
[deg] Pointing Roll	89.610134	89.50917381253032
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	259904498.184000	259903889.33655
Observation start date	2006-03-28T03:40:33	2006-03-28T03:31:29
[s] Observation end time (MET)	259905498.184000	259905766.62414
Observation end date	2006-03-28T03:57:13	2006-03-28T04:02:46

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

## 2.3 Aspect



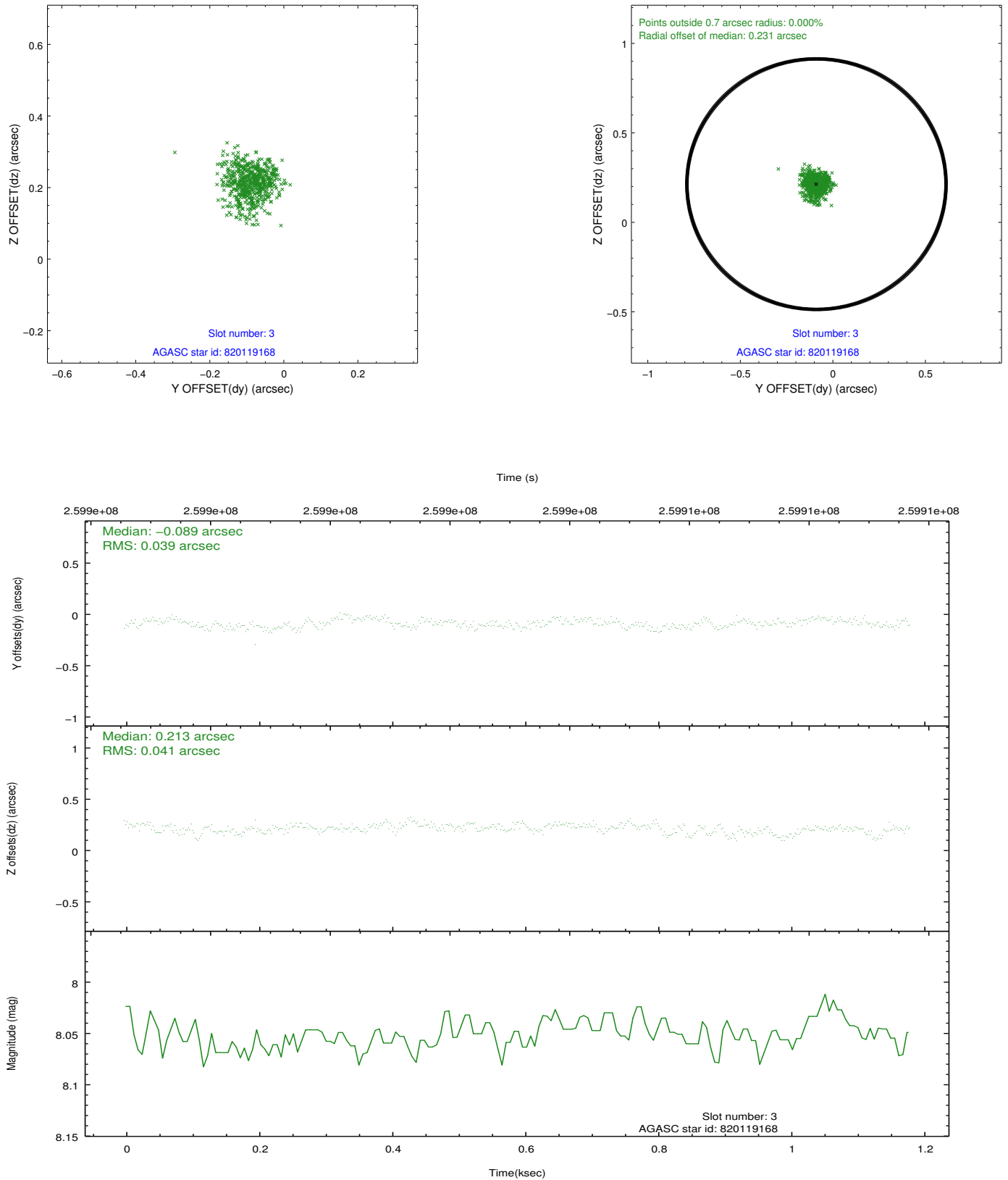


### Slot Statistics

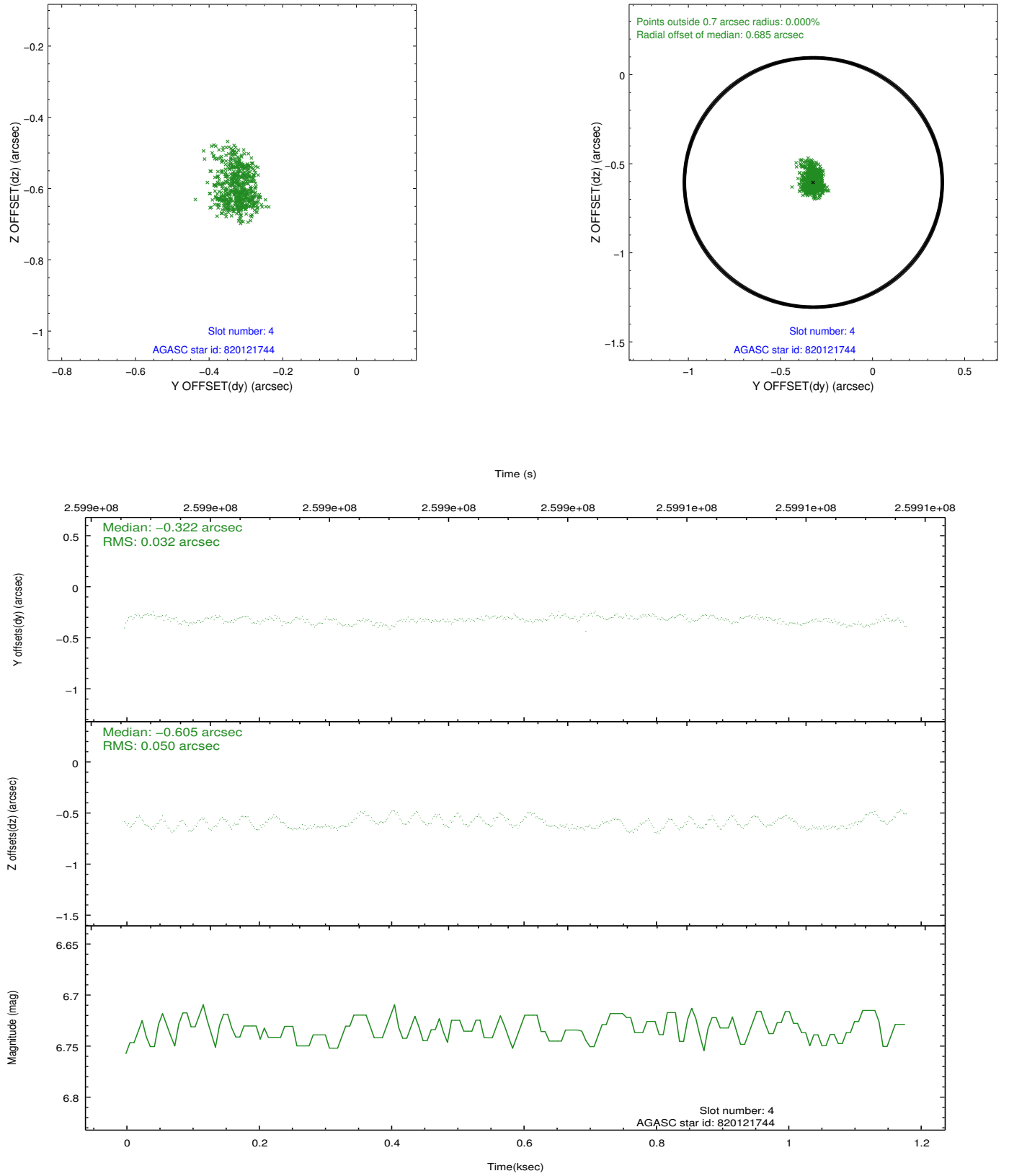
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.07	288	0.004	-0.022	0.009	0.014	0.000000	0.000000	-762.12	-1299.66
1	FID	HRC-I-2	7.10	288	0.141	-0.107	0.008	0.014	0.000000	0.000000	848.00	-1305.84
2	FID	HRC-I-3	7.15	288	-0.026	0.040	0.008	0.014	0.000000	0.000000	-1187.68	1000.43
3	GUIDE	820119168	8.05	577	-0.089	0.213	0.060	0.098	267.932854	-19.779597	1600.37	-367.39
4	GUIDE	820121744	6.73	577	-0.322	-0.605	0.063	0.107	267.173633	-19.779615	1581.83	2202.93
5	GUIDE	820253896	6.93	577	-0.176	0.316	0.061	0.098	268.446257	-19.887246	1224.48	-2104.07
6	GUIDE	820641816	7.19	577	0.280	-0.223	0.056	0.085	267.363435	-20.830907	-2196.33	1520.82
7	GUIDE	820776864	9.02	576	0.308	0.282	0.084	0.137	268.262469	-20.850704	-2252.70	-1497.84

## 2.4 Star Slots

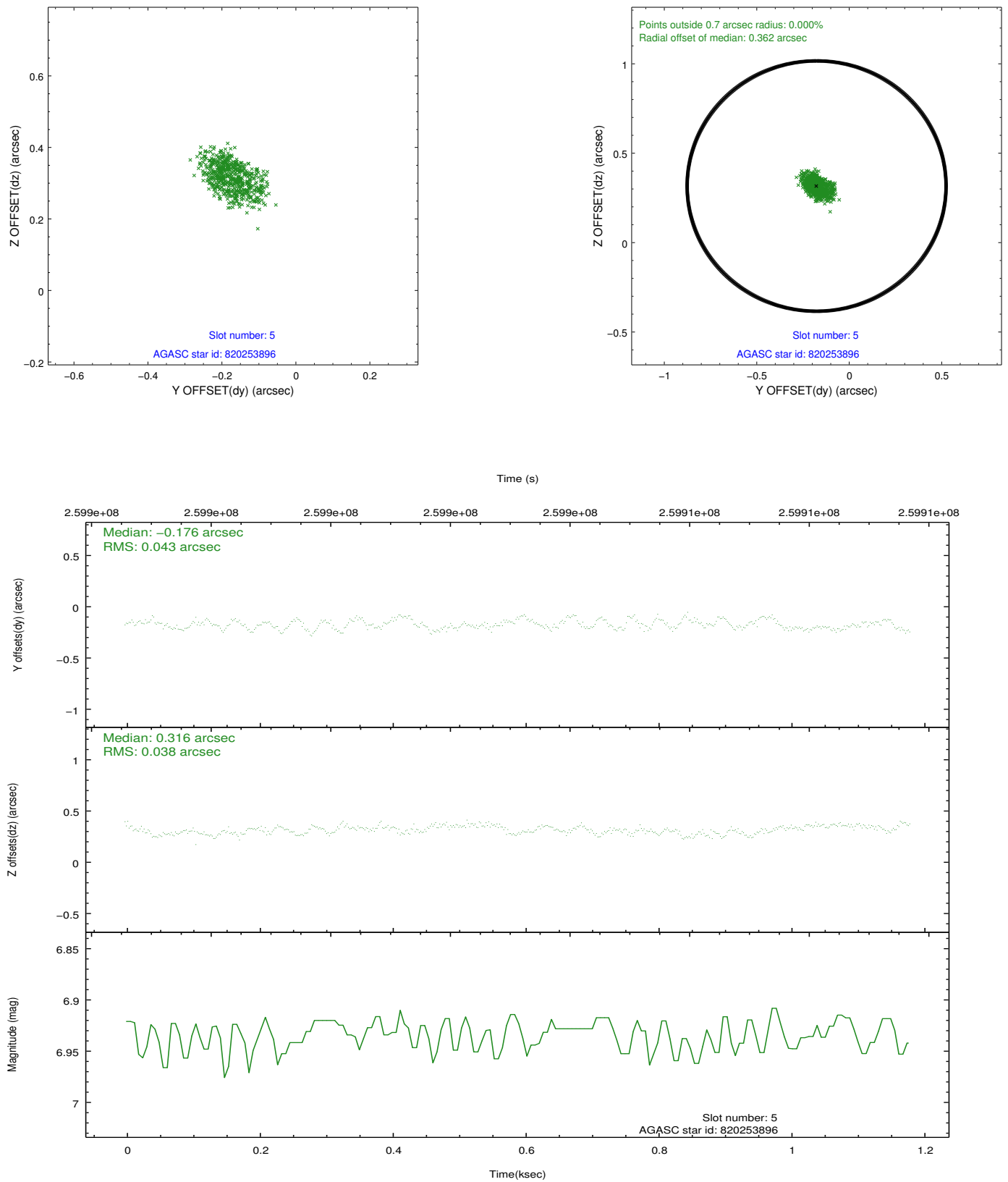
### 2.4.1 Slot 3



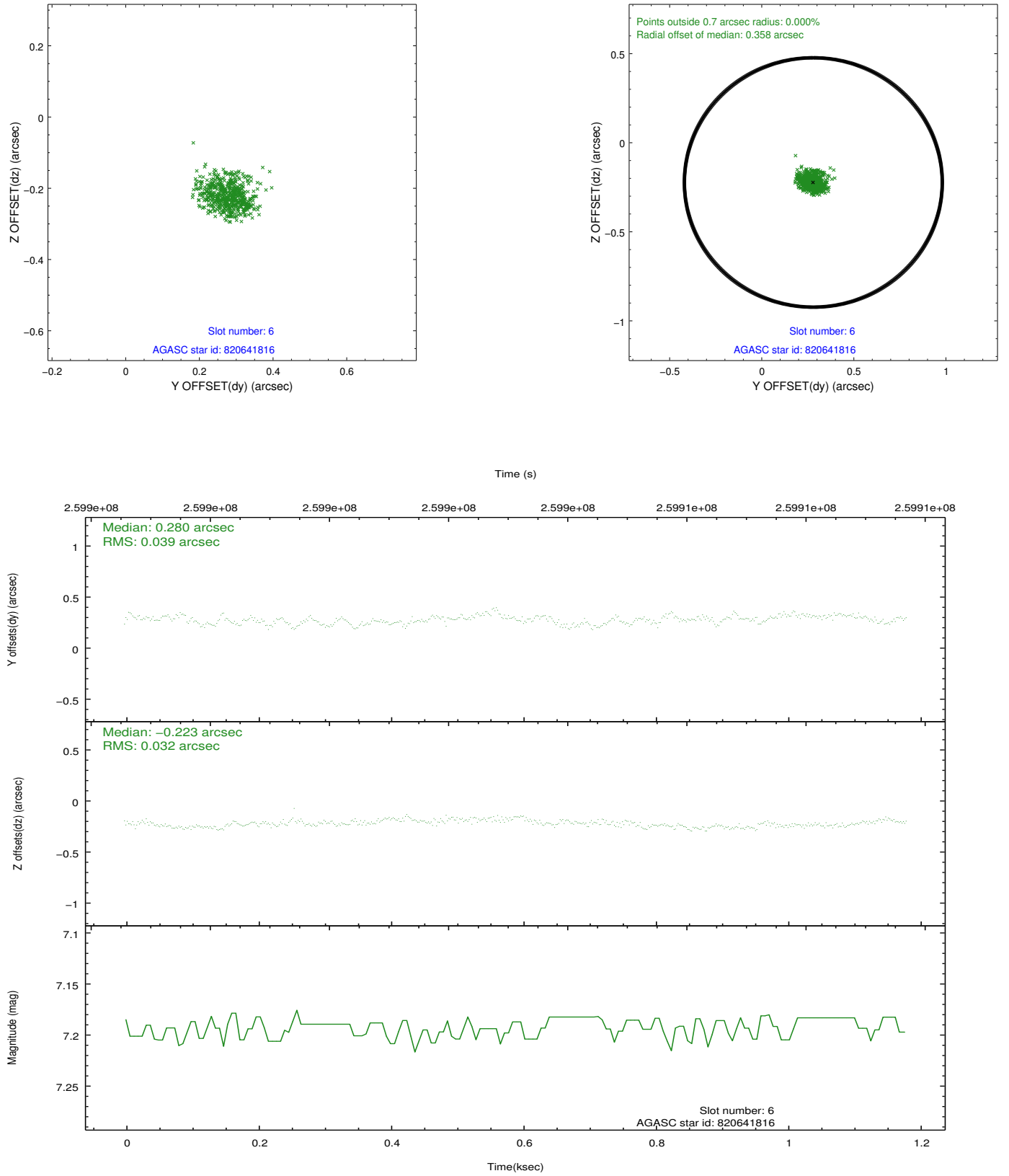
## 2.4.2 Slot 4



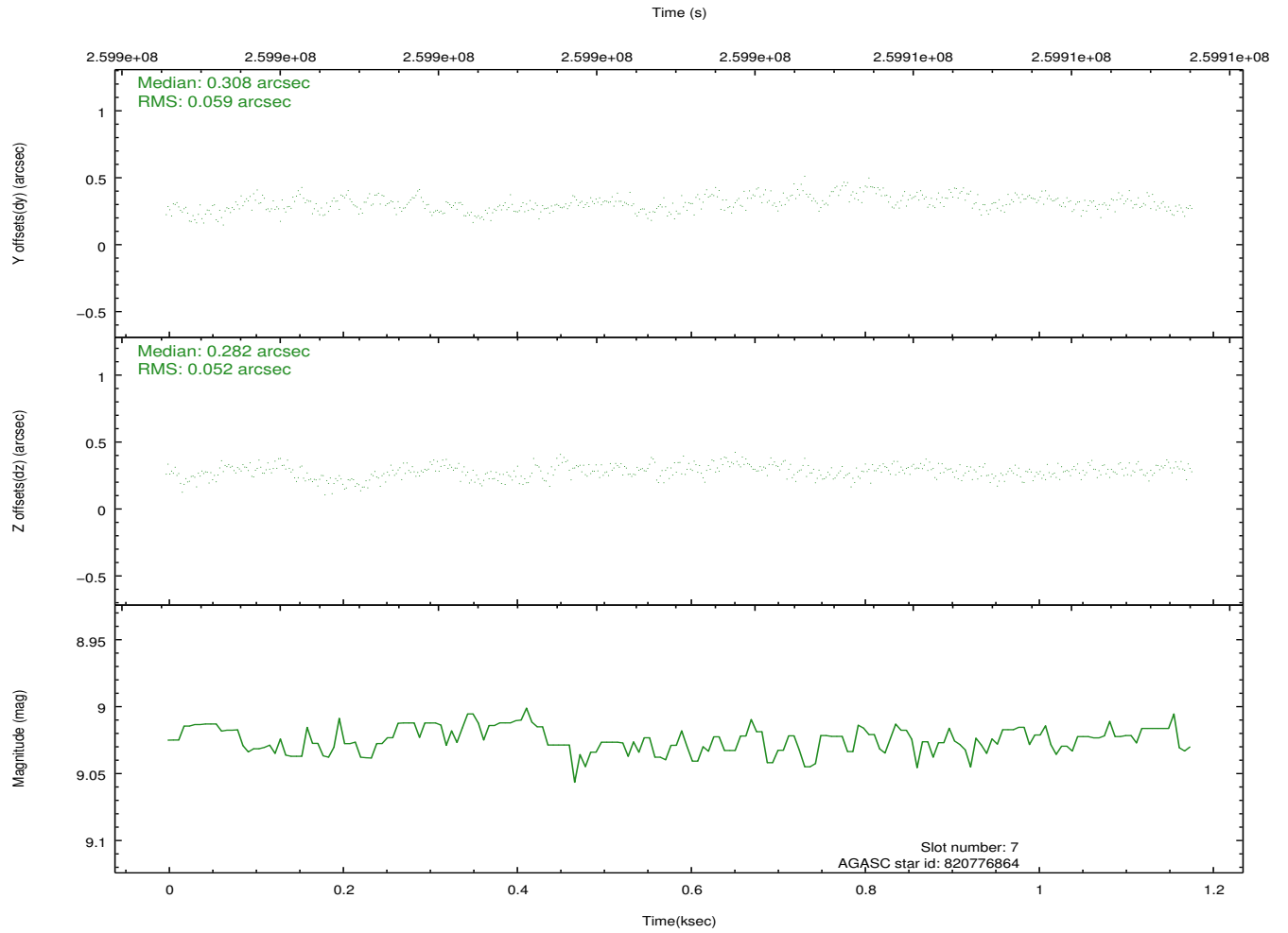
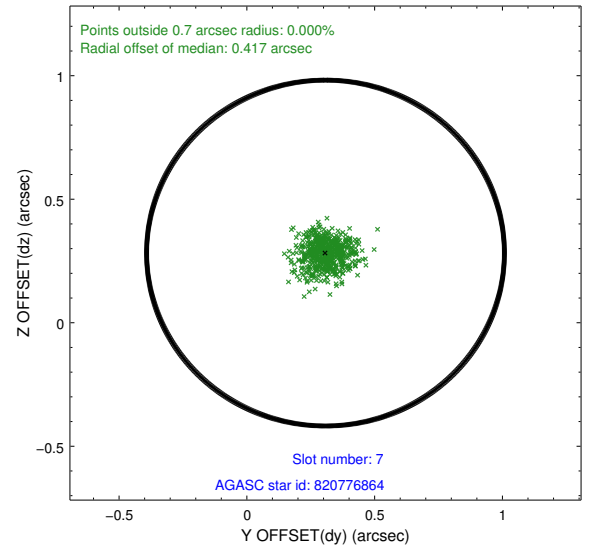
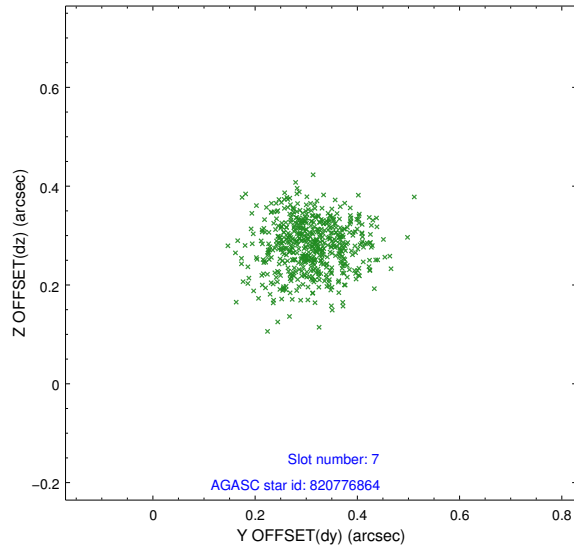
### 2.4.3 Slot 5



## 2.4.4 Slot 6

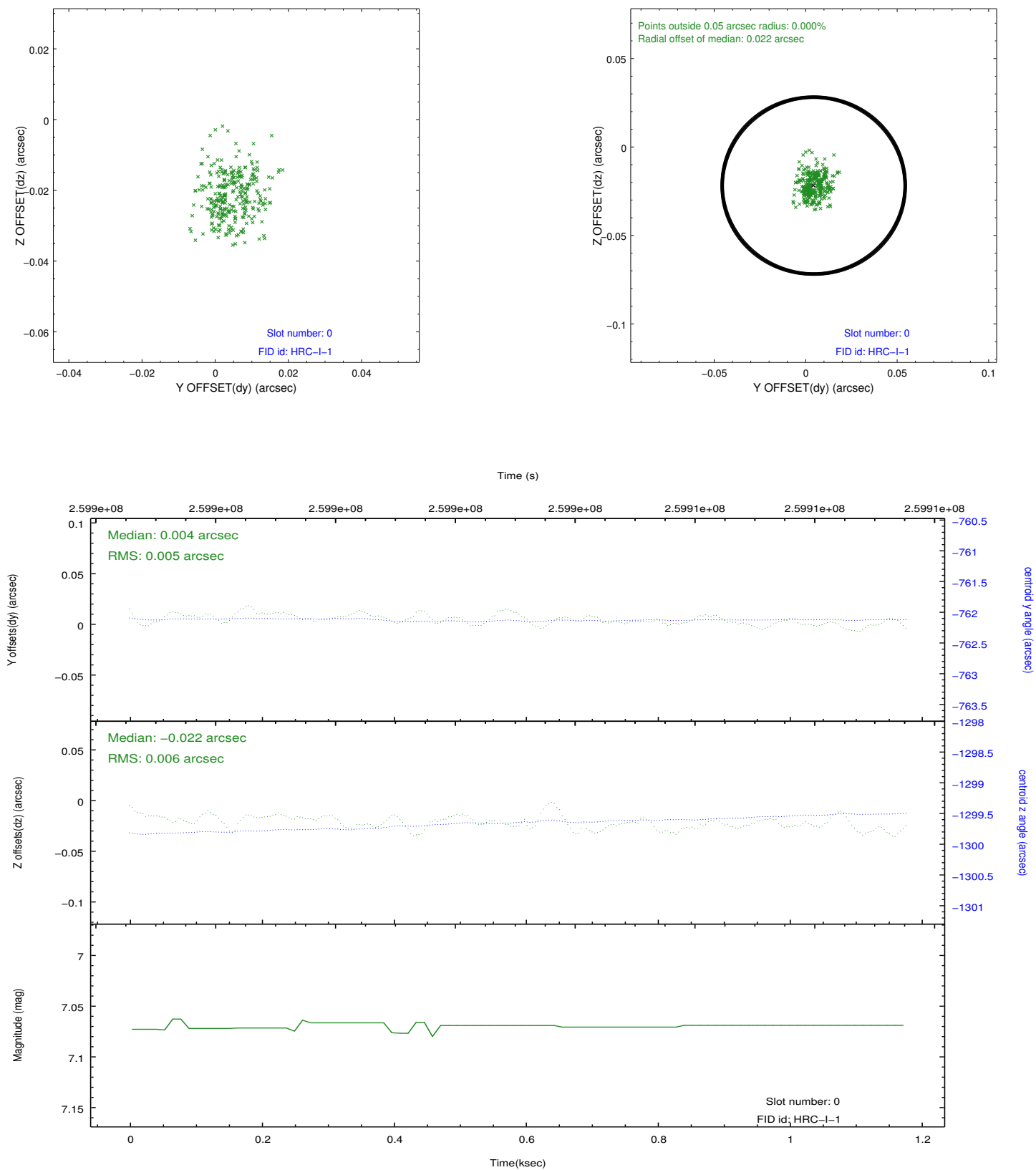


## 2.4.5 Slot 7

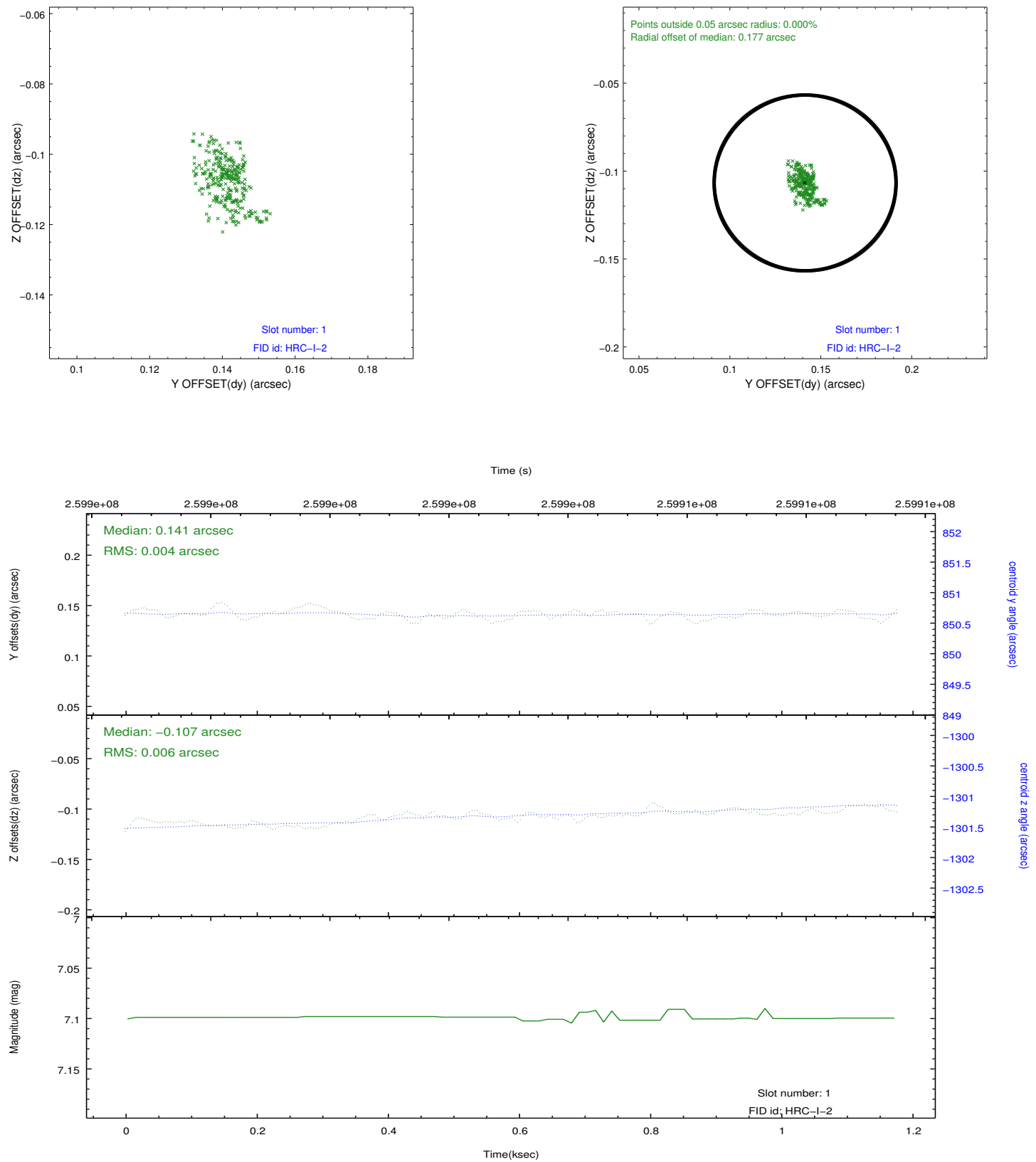


## 2.5 FID Slots

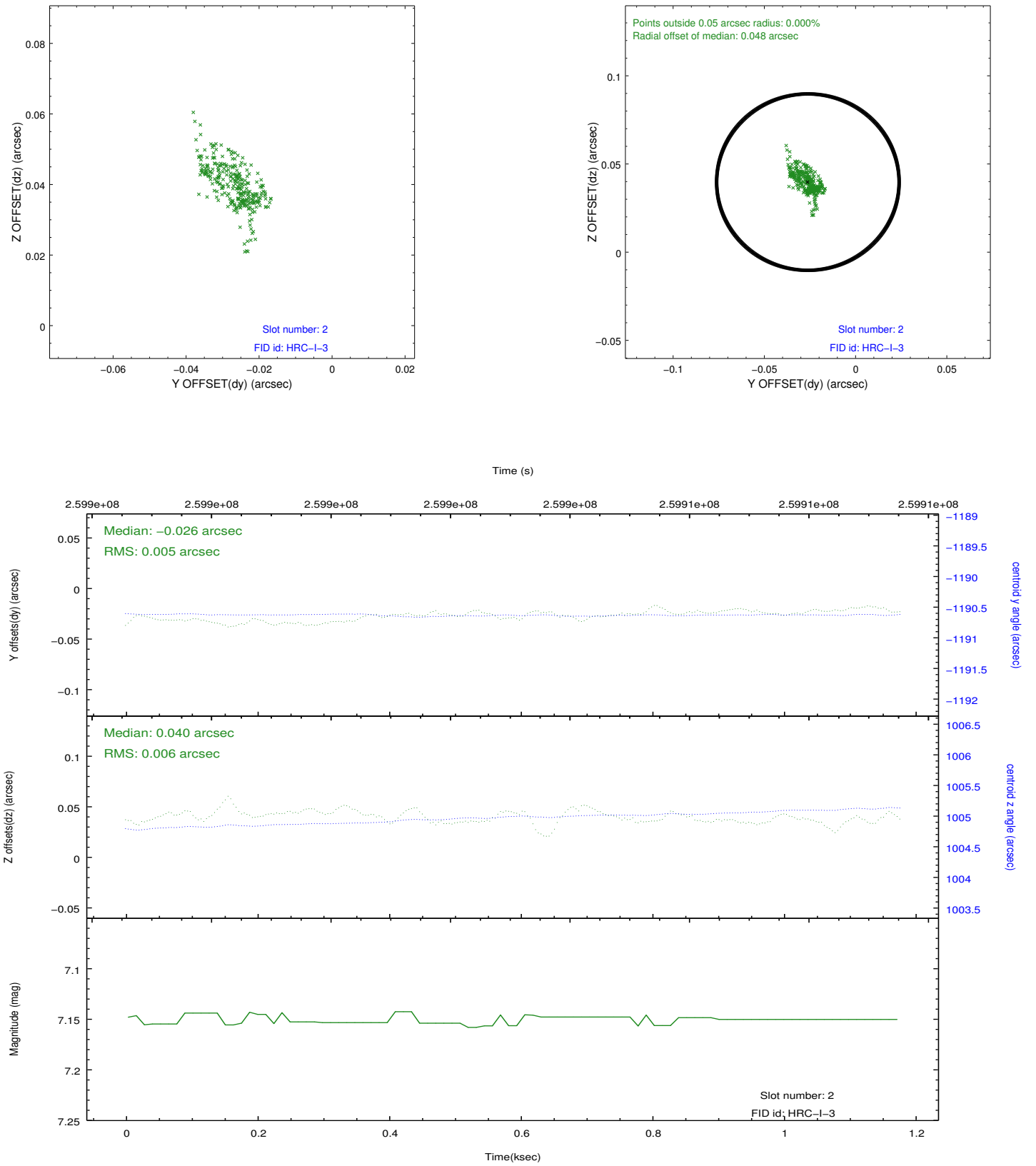
### 2.5.1 Slot 0



## 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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0970063

### A.2 Comments