

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7393 - L2 Version 5  
Chandra X-Ray Center

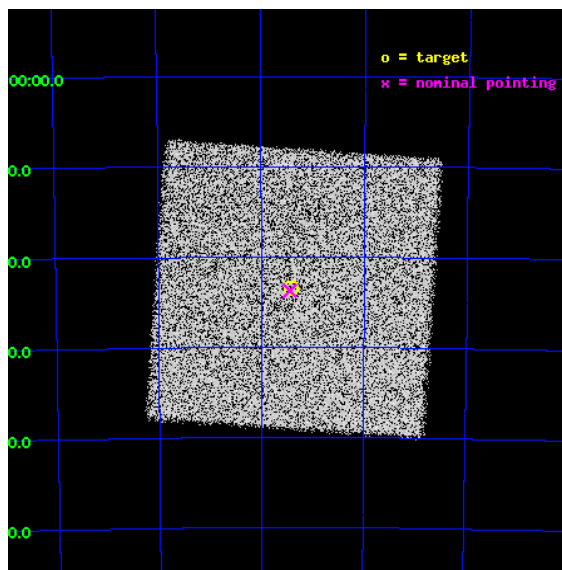
L2 Processing Date : Aug 11 2012

## 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

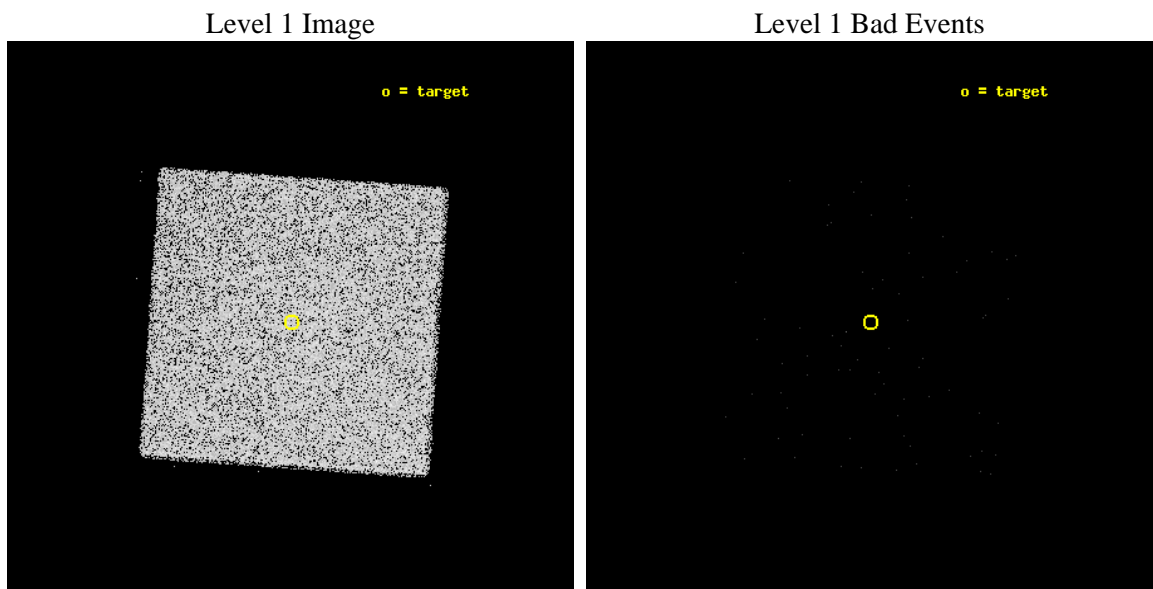
seq_num	400566	Sequence number
obs_id	7393	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J11114-6723	Source name
ra_targ	167.854167	Observer's specified target RA [deg]
dec_targ	-67.391944	Observer's specified target Dec [deg]
ra_nom	167.86054499344	Nominal RA [deg]
dec_nom	-67.395724308817	Nominal Dec [deg]
roll_nom	319.02796587972	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1181.8250563145	[s]
livetime	1170.3829587628	Ontime multiplied by DTCOR
l2events	63976	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	1181.8250563145	[s]
caldbver	4.5.1.1	&#160	l1events	170662	Number of level 1 events
date	2012-08-11T20:15:23	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

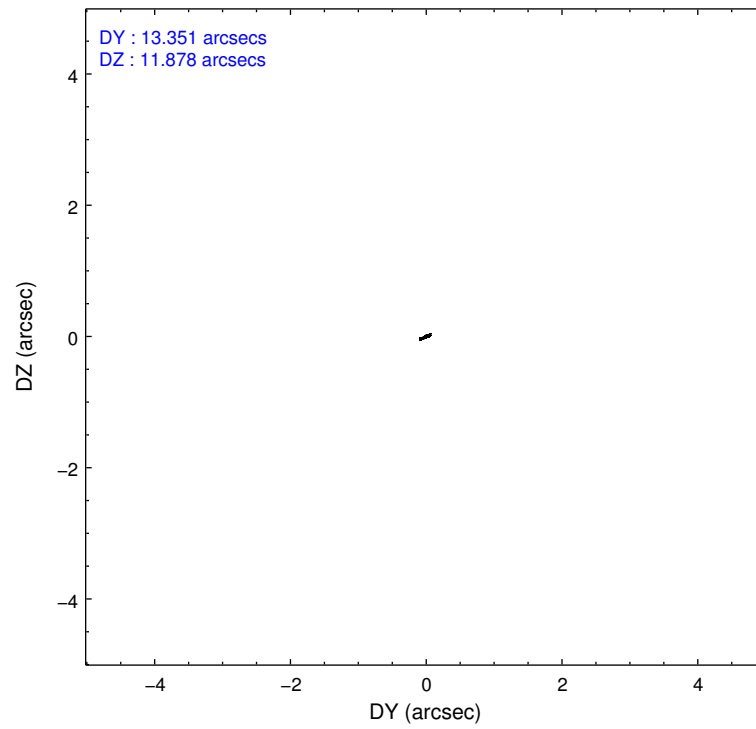
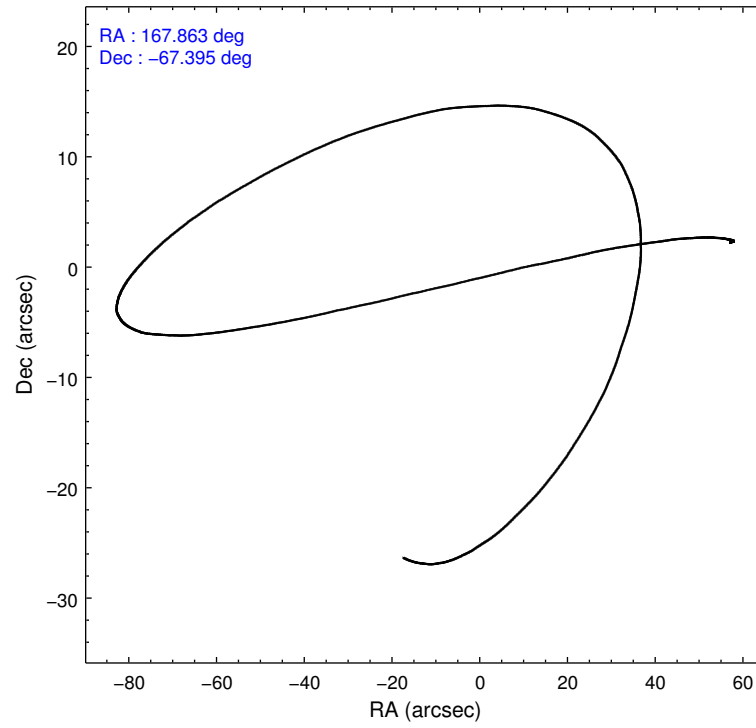
#### Level 1 Events

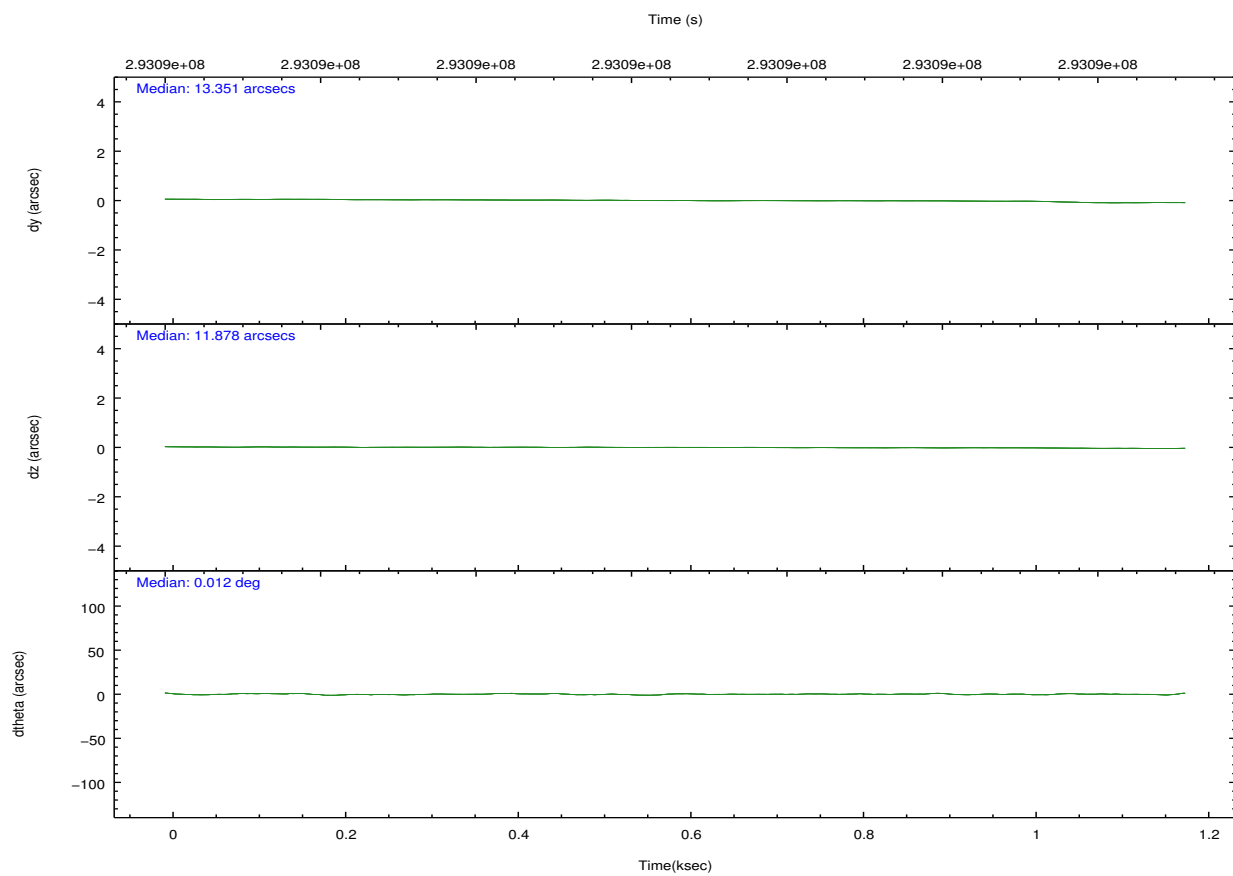
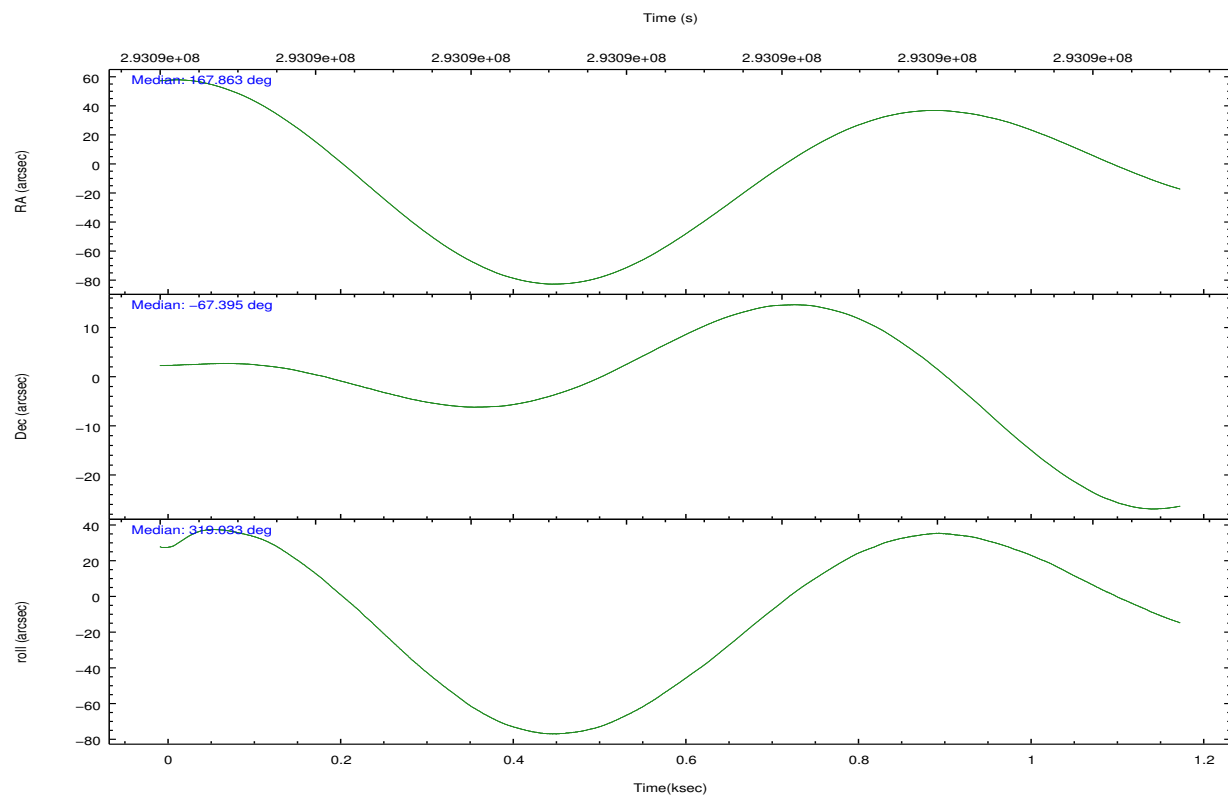
	<b>segment 0</b>
level 1 events	170662
rejected events	75227
rejected %	44%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	167.789480	167.860544993439			
[deg] Pointing Dec	-67.391123	-67.39572430881671			
[deg] Pointing Roll	319.058068	319.0279658797151			
[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)	293087436.184000	293086359.39947			
Observation start date	2007-04-16T05:09:31	2007-04-16T04:52:39			
[s] Observation end time (MET)	293088436.184000	293088747.64958			
Observation end date	2007-04-16T05:26:11	2007-04-16T05:32:27			

## 2.3 Aspect





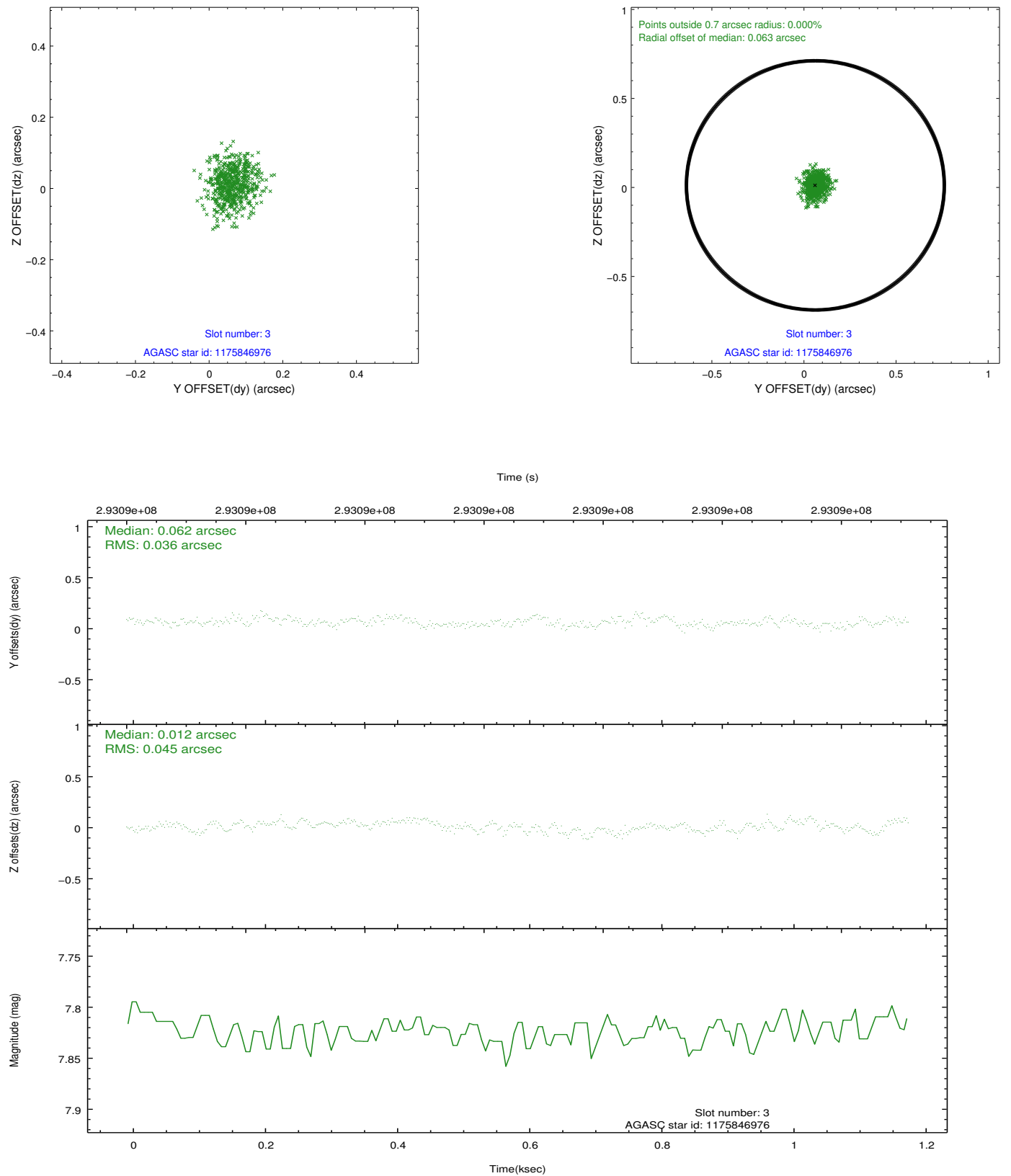
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	289	0.022	-0.043	0.006	0.012	0.000000	0.000000	-769.16	-1299.86
1	FID	HRC-I-3	7.10	289	-0.094	-0.033	0.007	0.012	0.000000	0.000000	-1200.30	1000.24
2	FID	HRC-I-4	7.03	289	0.186	-0.014	0.005	0.009	0.000000	0.000000	1269.77	1005.68
3	GUIDE	1175846976	7.82	578	0.062	0.012	0.060	0.098	167.425367	-67.018437	-1266.60	675.84
4	GUIDE	1175852024	7.83	577	-0.016	-0.039	0.062	0.101	168.320709	-66.849794	-710.90	1962.39
5	GUIDE	1175853200	8.64	578	-0.087	-0.141	0.089	0.138	168.727043	-66.841477	-290.32	2359.10
6	GUIDE	1175847544	8.90	577	-0.147	0.066	0.083	0.129	169.665413	-67.151319	1438.60	2343.39
7	GUIDE	1175861352	9.43	576	0.188	0.122	0.123	0.186	167.755442	-66.507138	-2121.19	2375.08

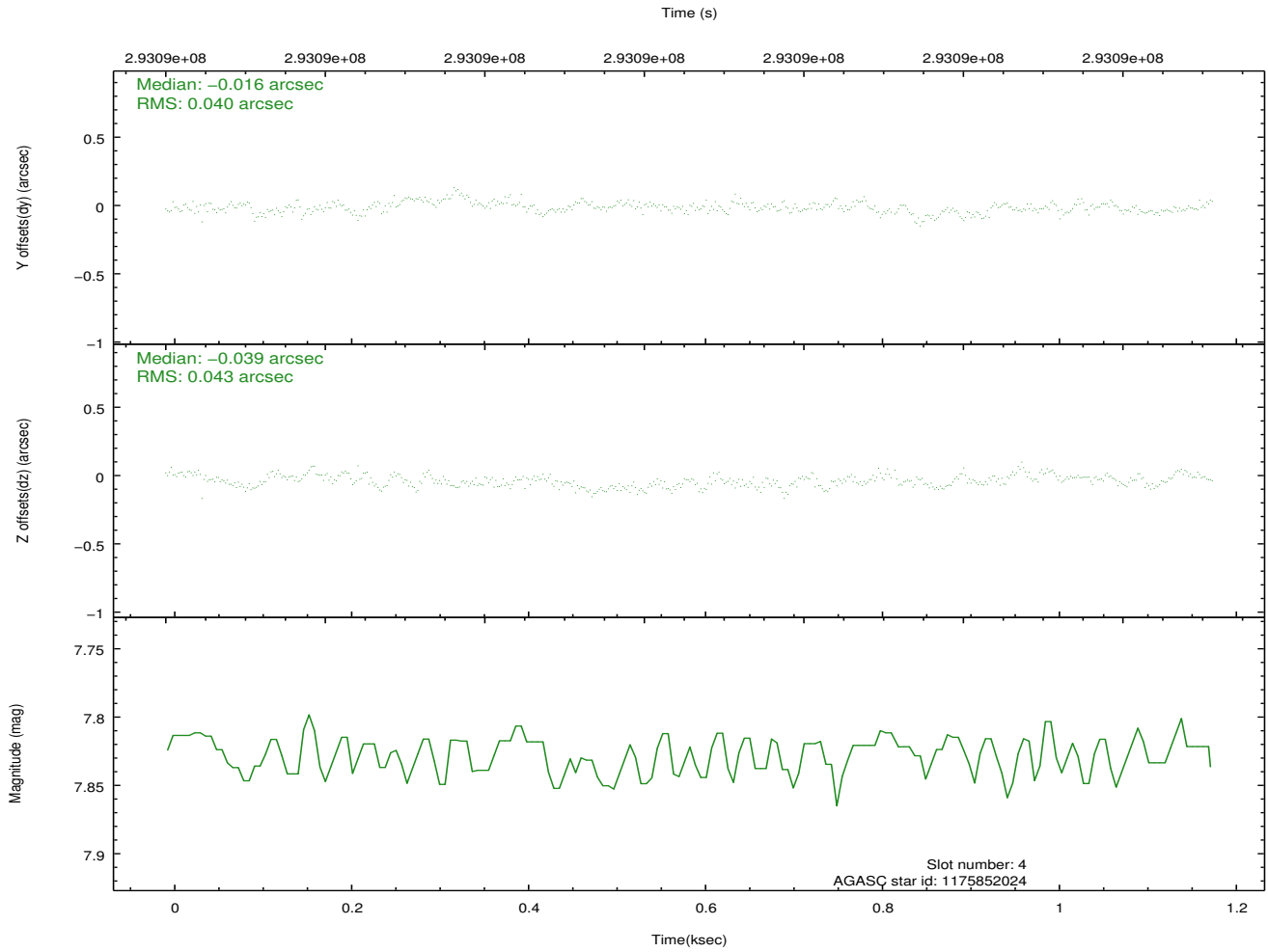
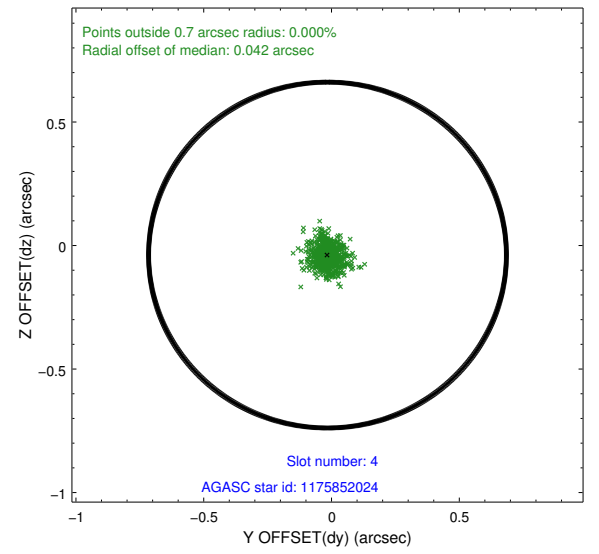
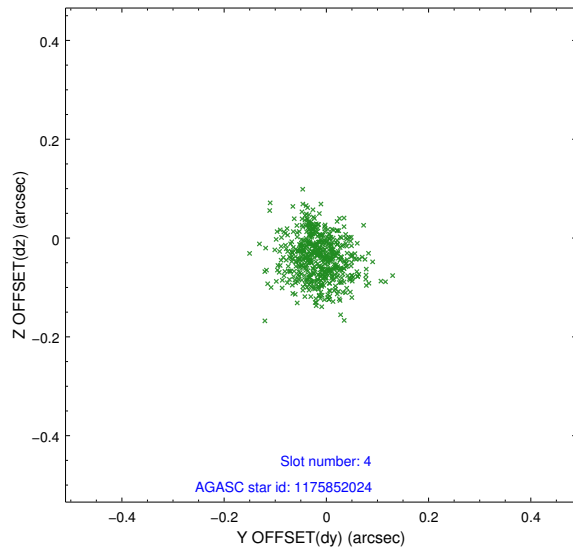


## 2.4 Star Slots

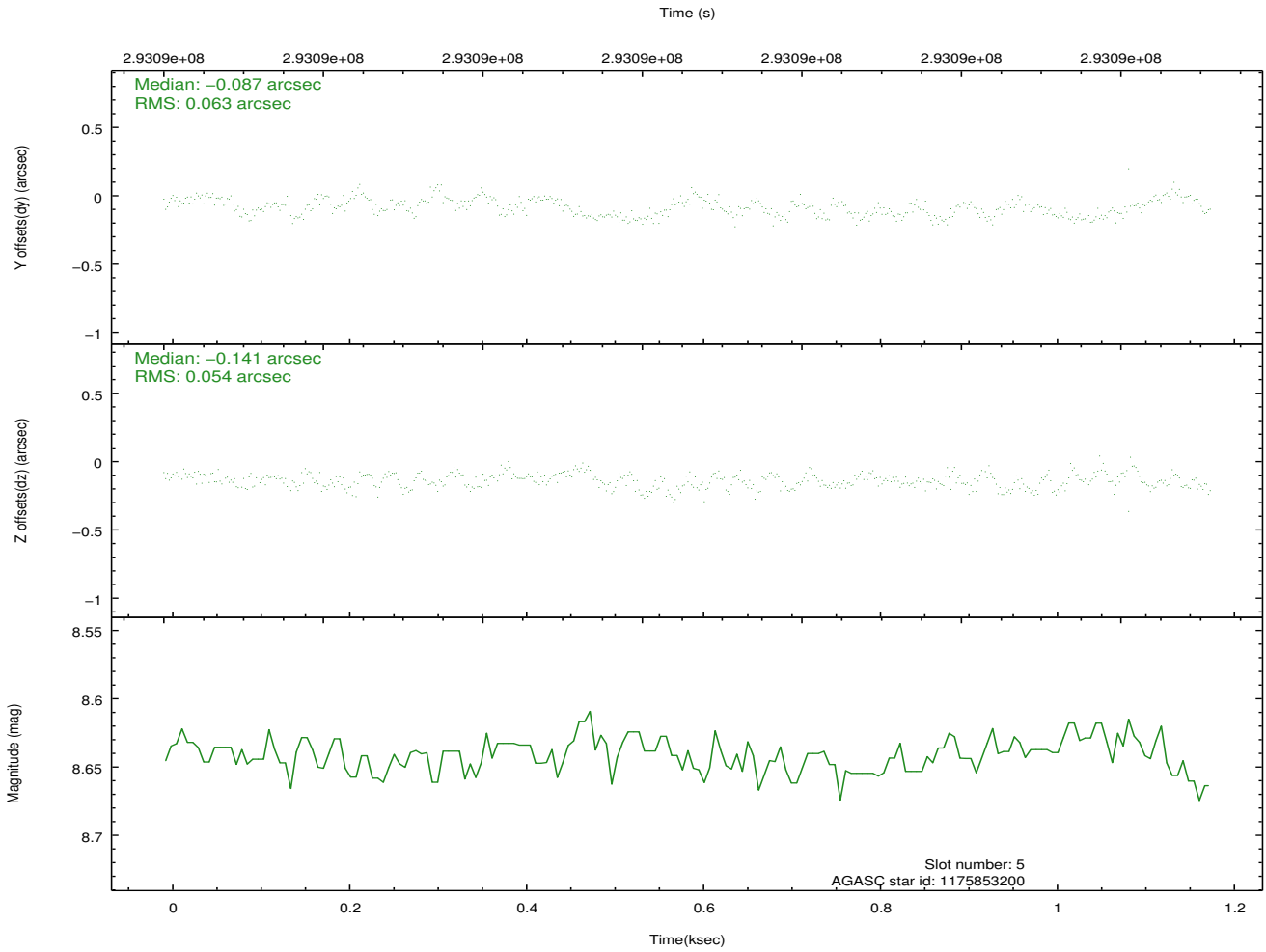
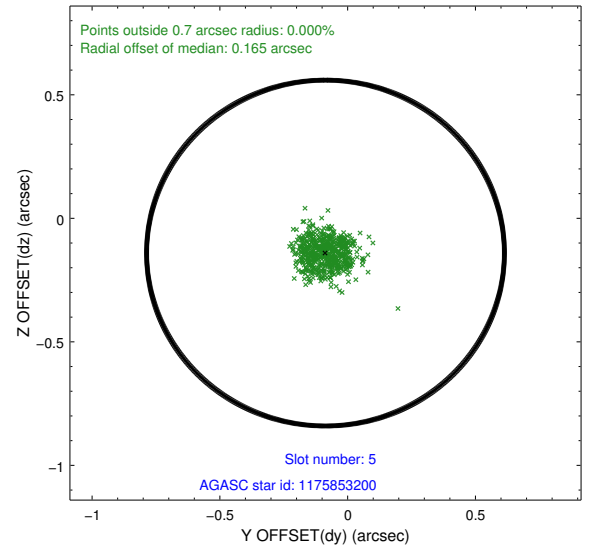
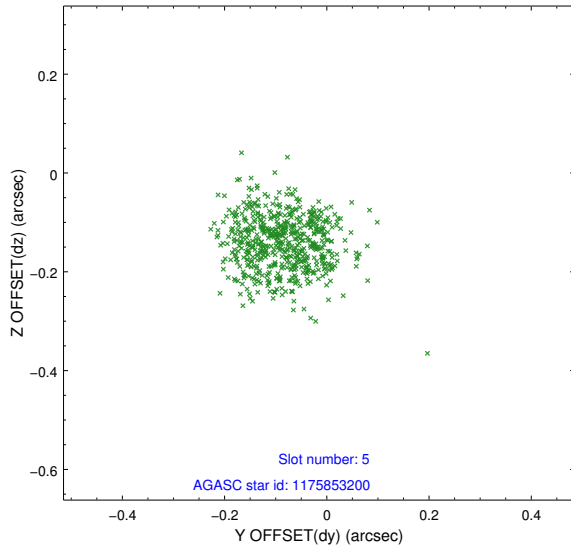
### 2.4.1 Slot 3



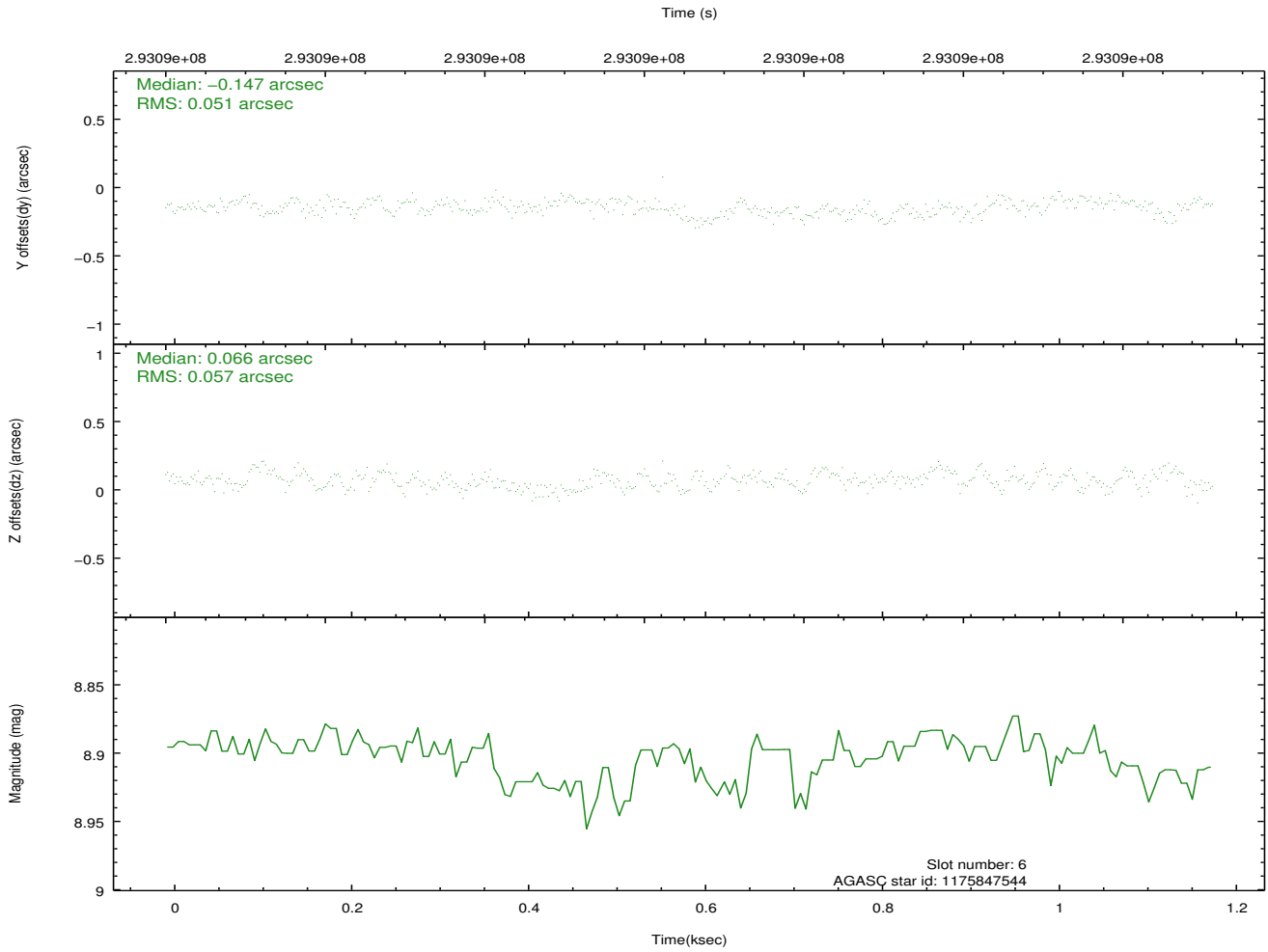
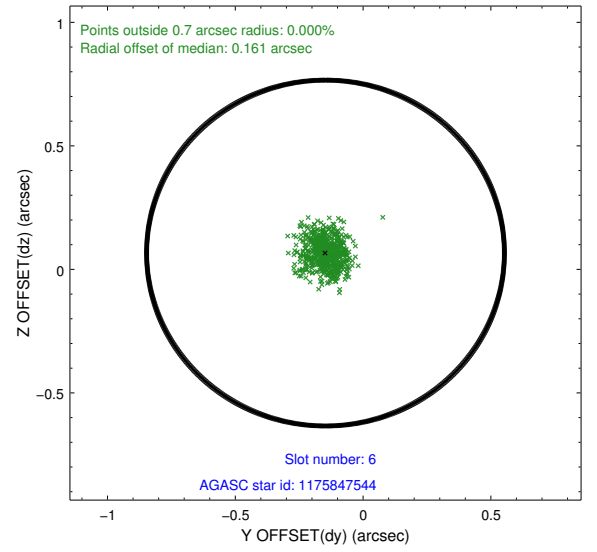
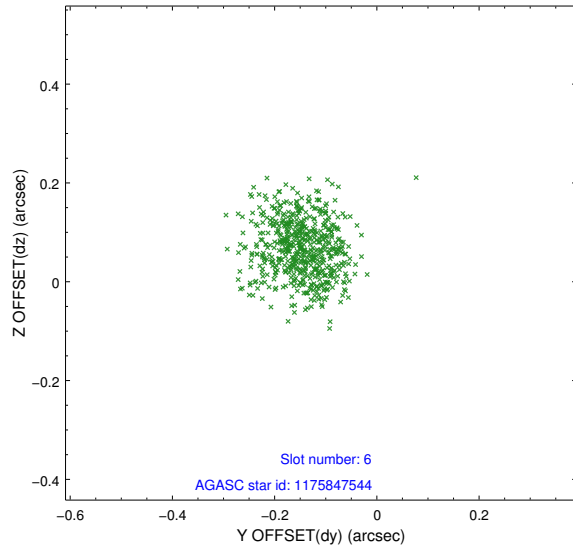
## 2.4.2 Slot 4



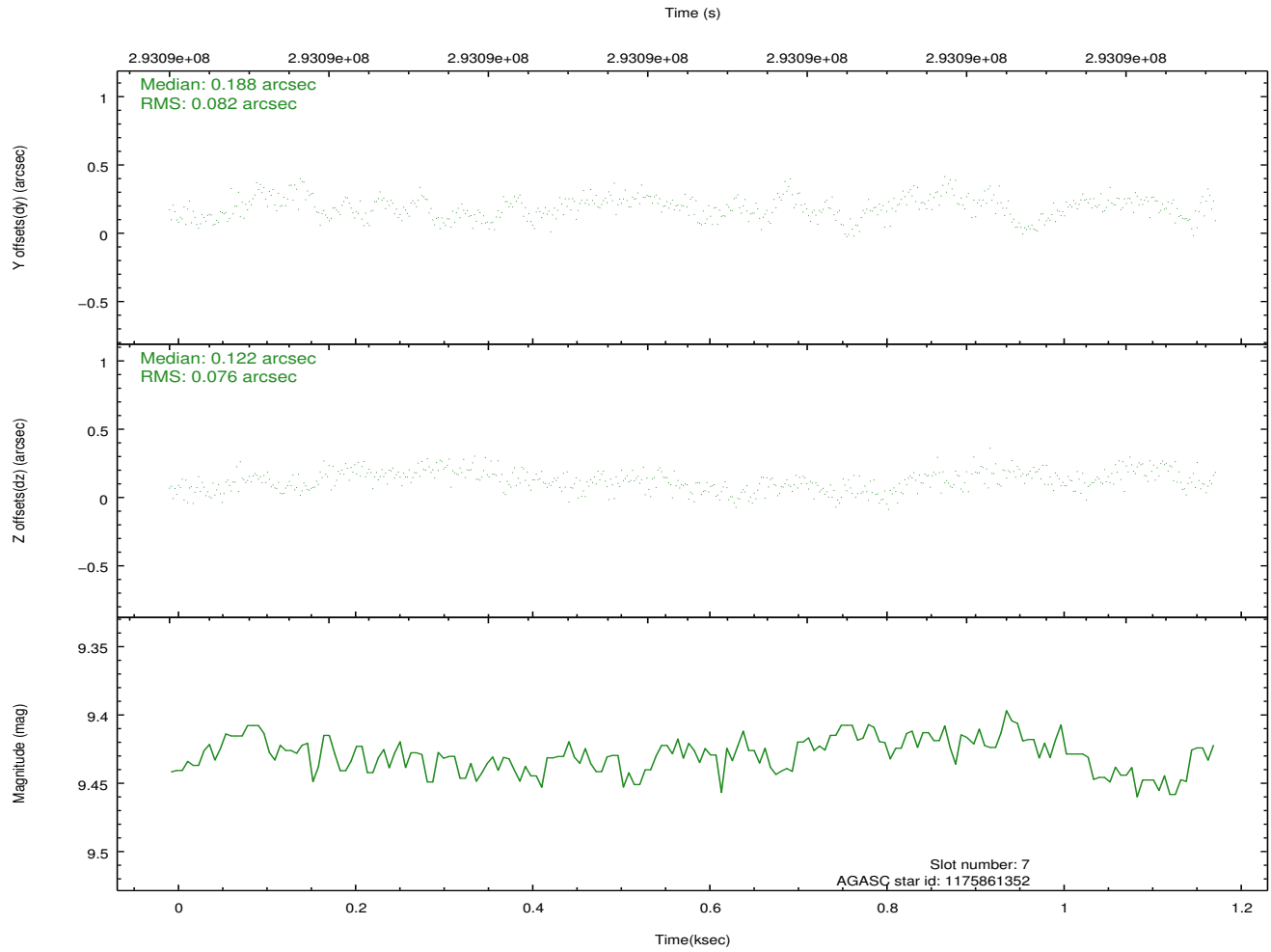
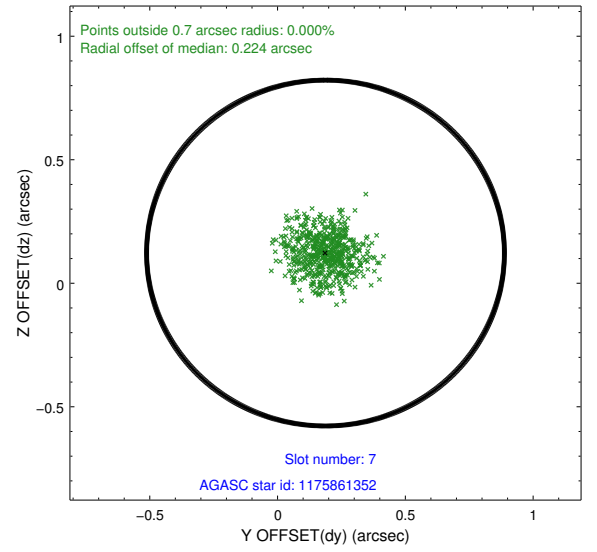
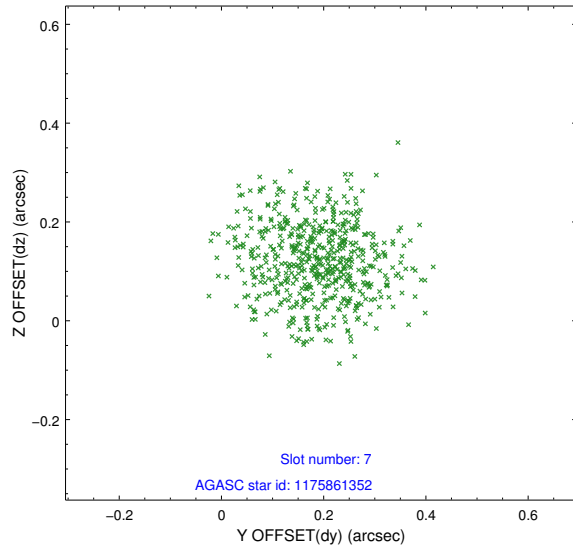
### 2.4.3 Slot 5



## 2.4.4 Slot 6

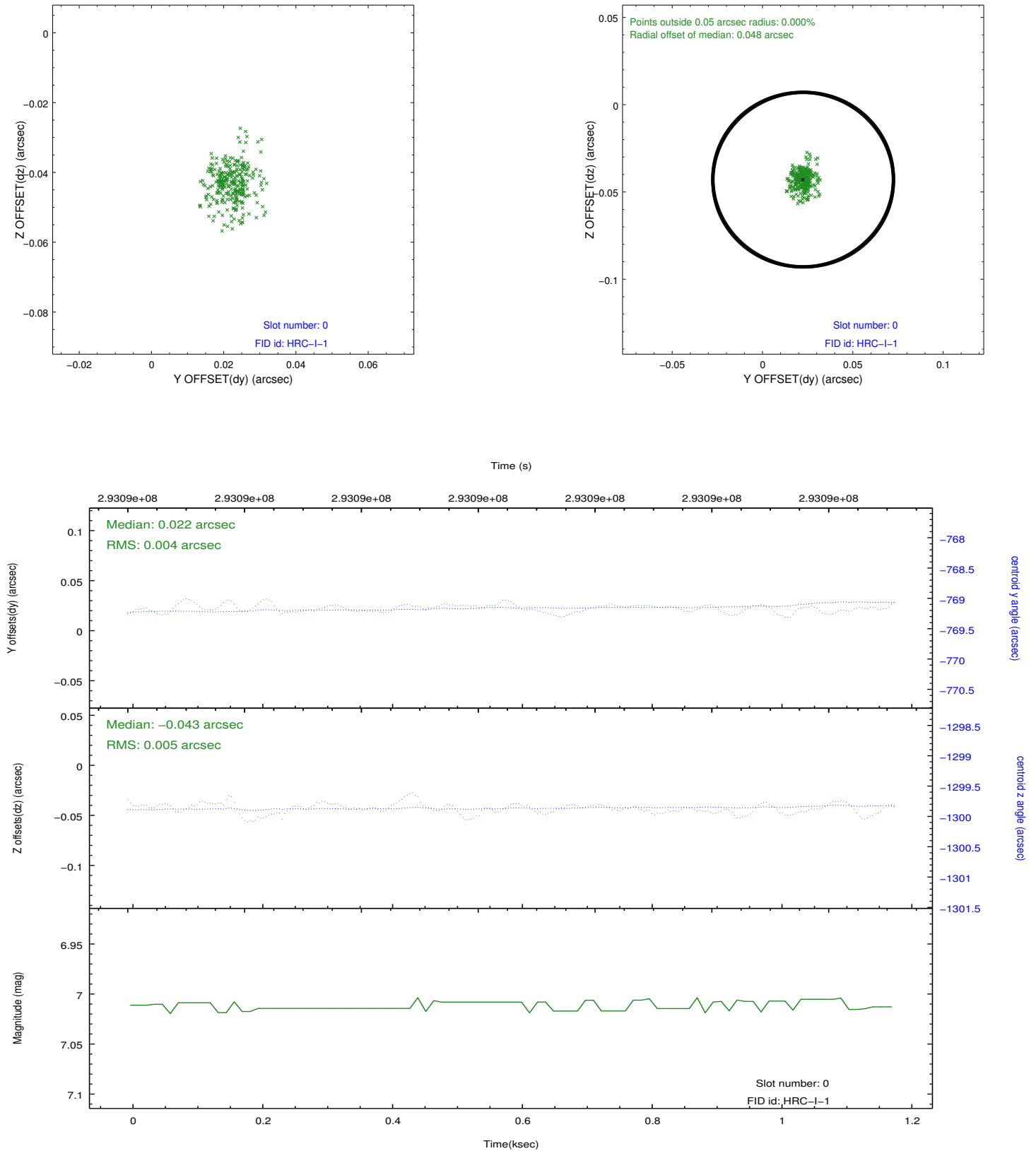


## 2.4.5 Slot 7

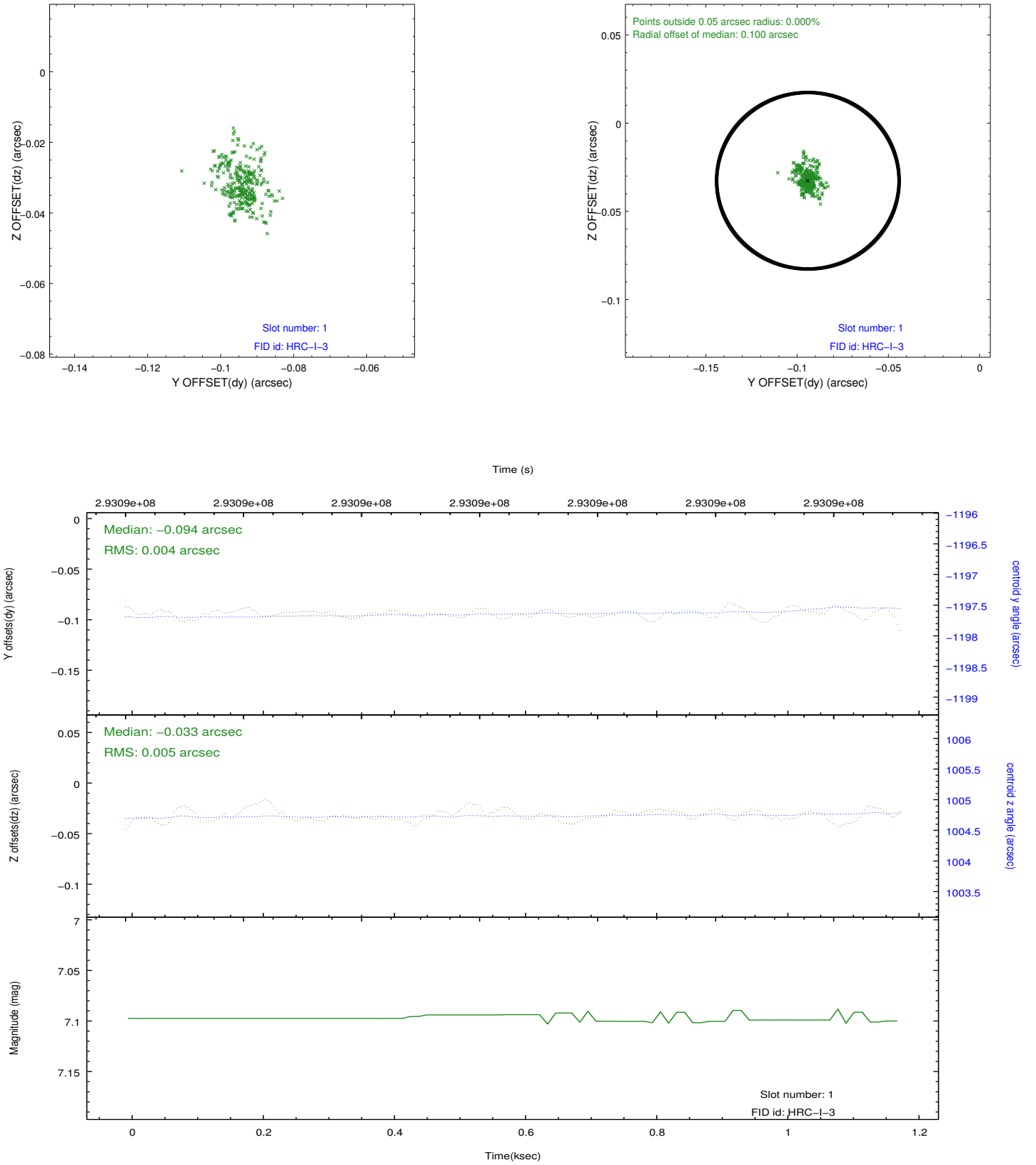


## 2.5 FID Slots

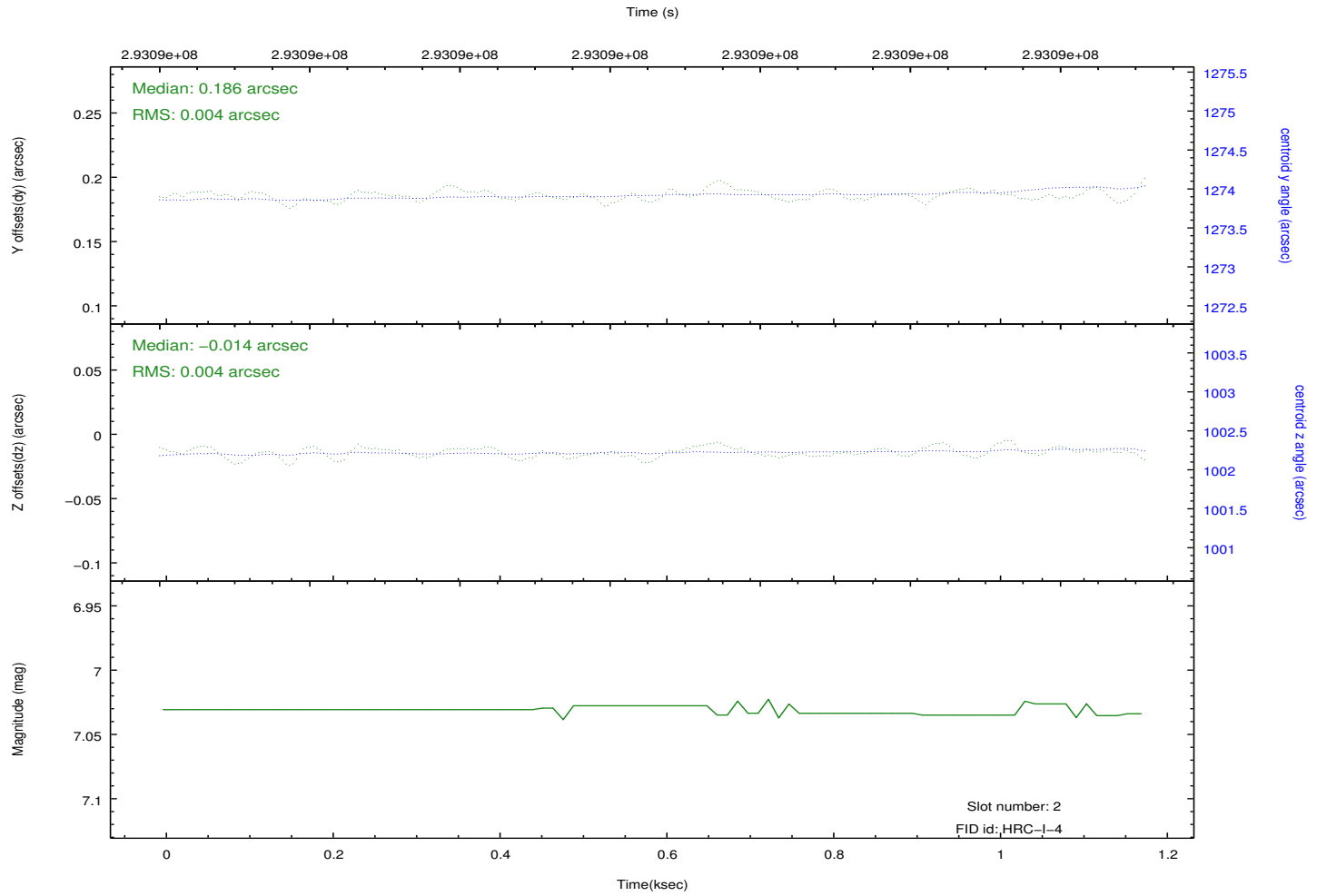
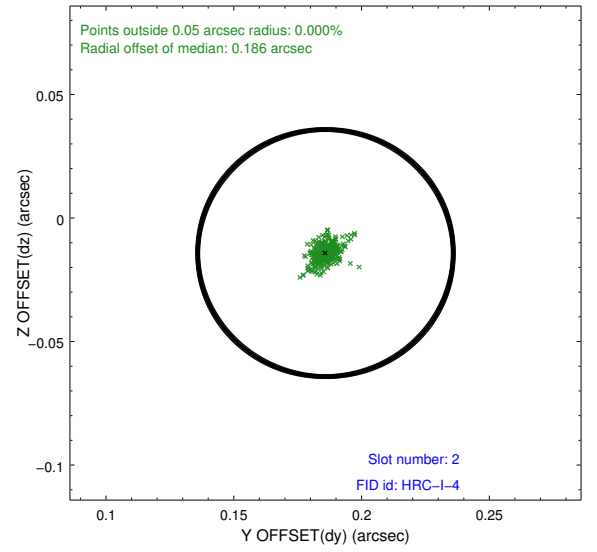
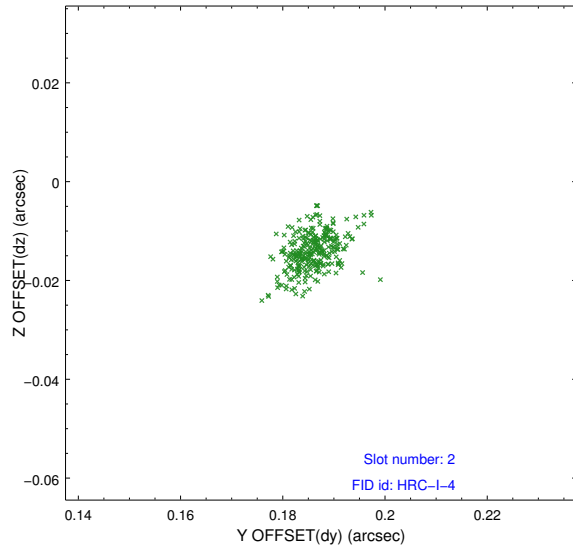
### 2.5.1 Slot 0



## 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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813

### A.2 Comments