

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7470 - L2 Version 3  
Chandra X-Ray Center

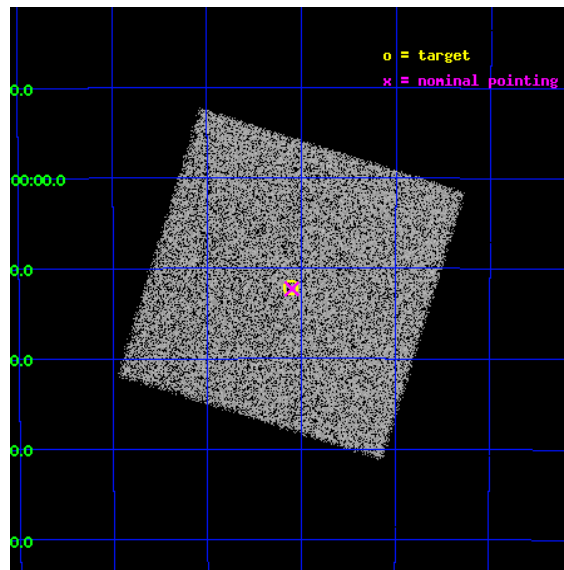
L2 Processing Date : Aug 12 2012

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# 1 Front

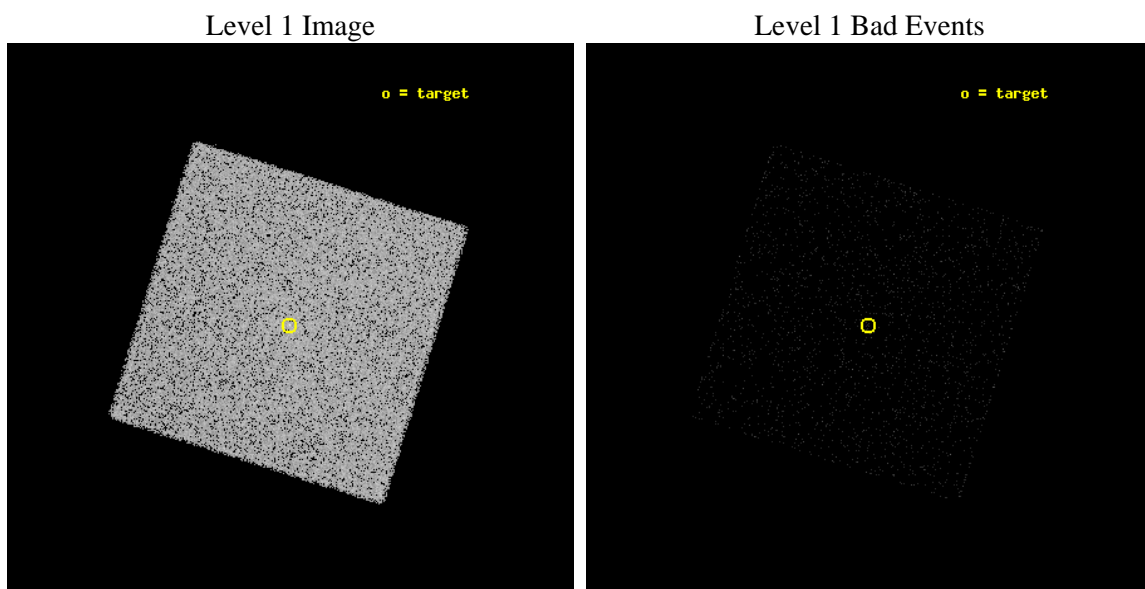
seq_num	400580	Sequence number
obs_id	7470	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J16479-4514	Source name
ra_targ	252.02875	Observer's specified target RA [deg]
dec_targ	-45.201472	Observer's specified target Dec [deg]
ra_nom	252.02521091379	Nominal RA [deg]
dec_nom	-45.204712331716	Nominal Dec [deg]
roll_nom	242.38342139525	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1186.1813070774	[s]
livetime	1174.3457622764	Ontime multiplied by DTCOR
l2events	68500	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	1186.1813070774	[s]
caldbver	4.5.1.1	&#160	l1events	142706	Number of level 1 events
date	2012-08-12T05:35:29	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

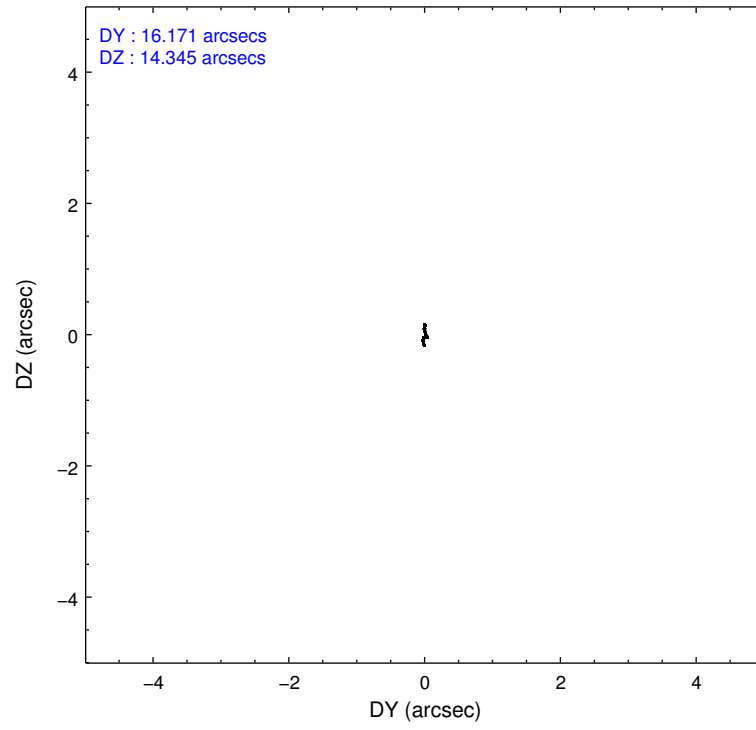
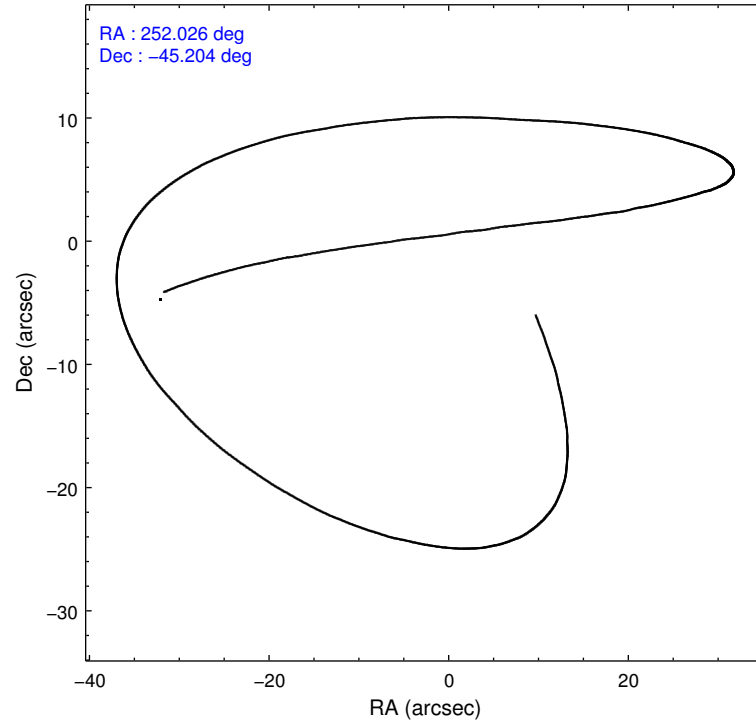
#### Level 1 Events

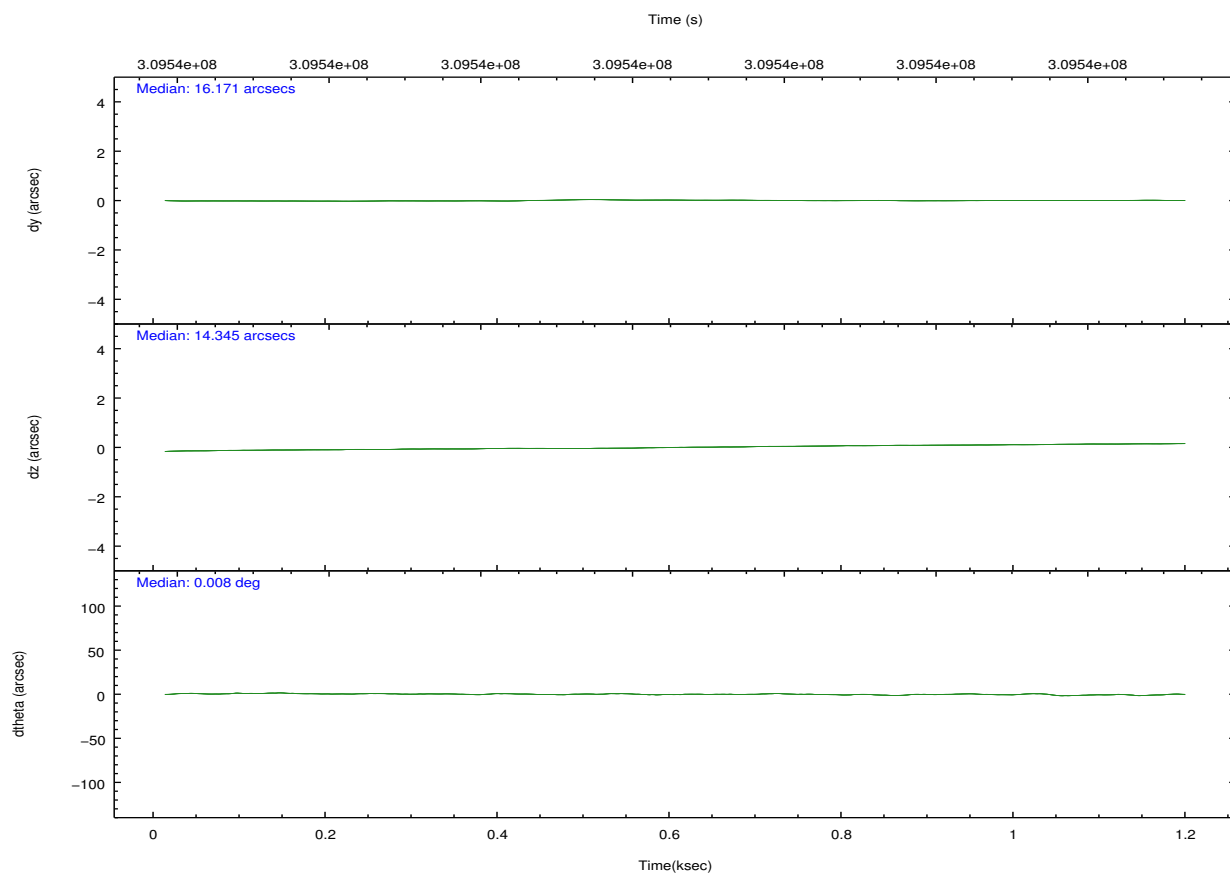
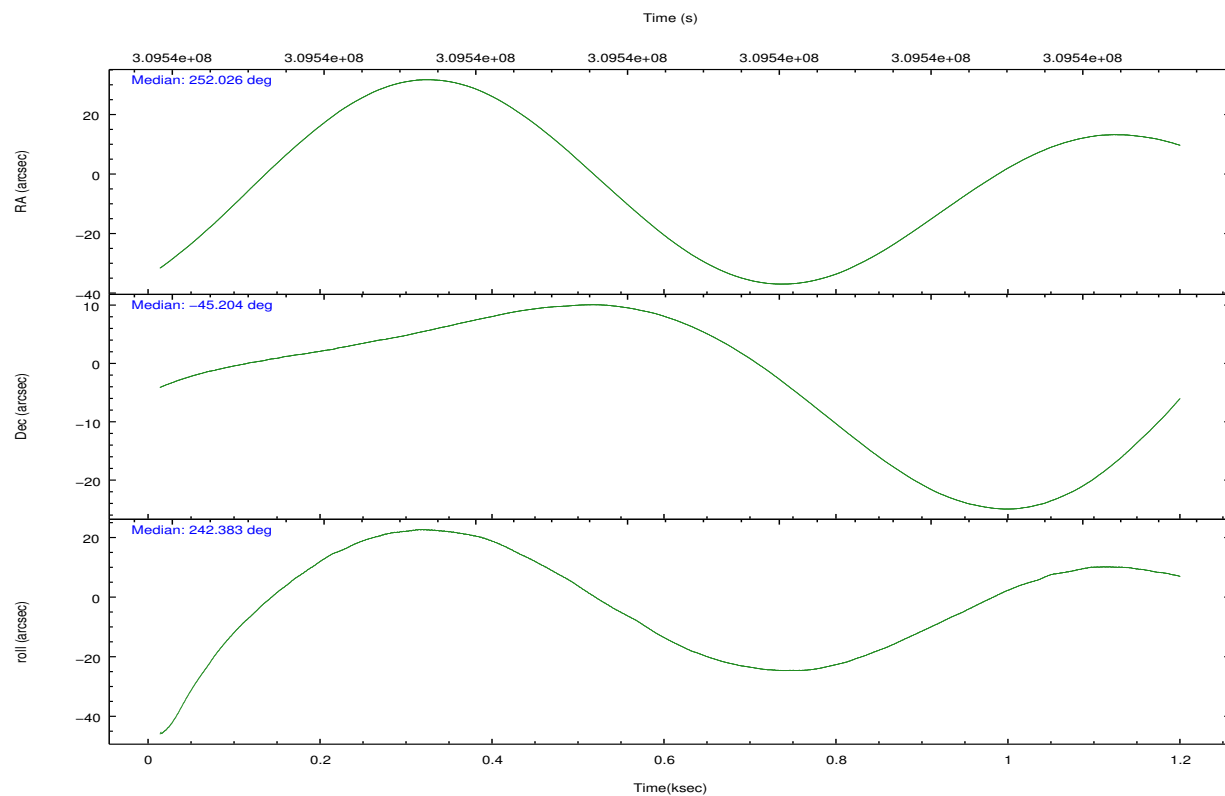
	<b>segment 0</b>
level 1 events	142706
rejected events	41534
rejected %	29%

## 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	252.021717	252.0252109137863			
[deg] Pointing Dec	-45.177088	-45.20471233171555			
[deg] Pointing Roll	242.476507	242.3834213952499			
[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)	309539047.184000	309538598.80077			
Observation start date	2007-10-23T15:03:02	2007-10-23T14:56:38			
[s] Observation end time (MET)	309540047.184000	309540235.21335			
Observation end date	2007-10-23T15:19:42	2007-10-23T15:23:55			

## 2.3 Aspect





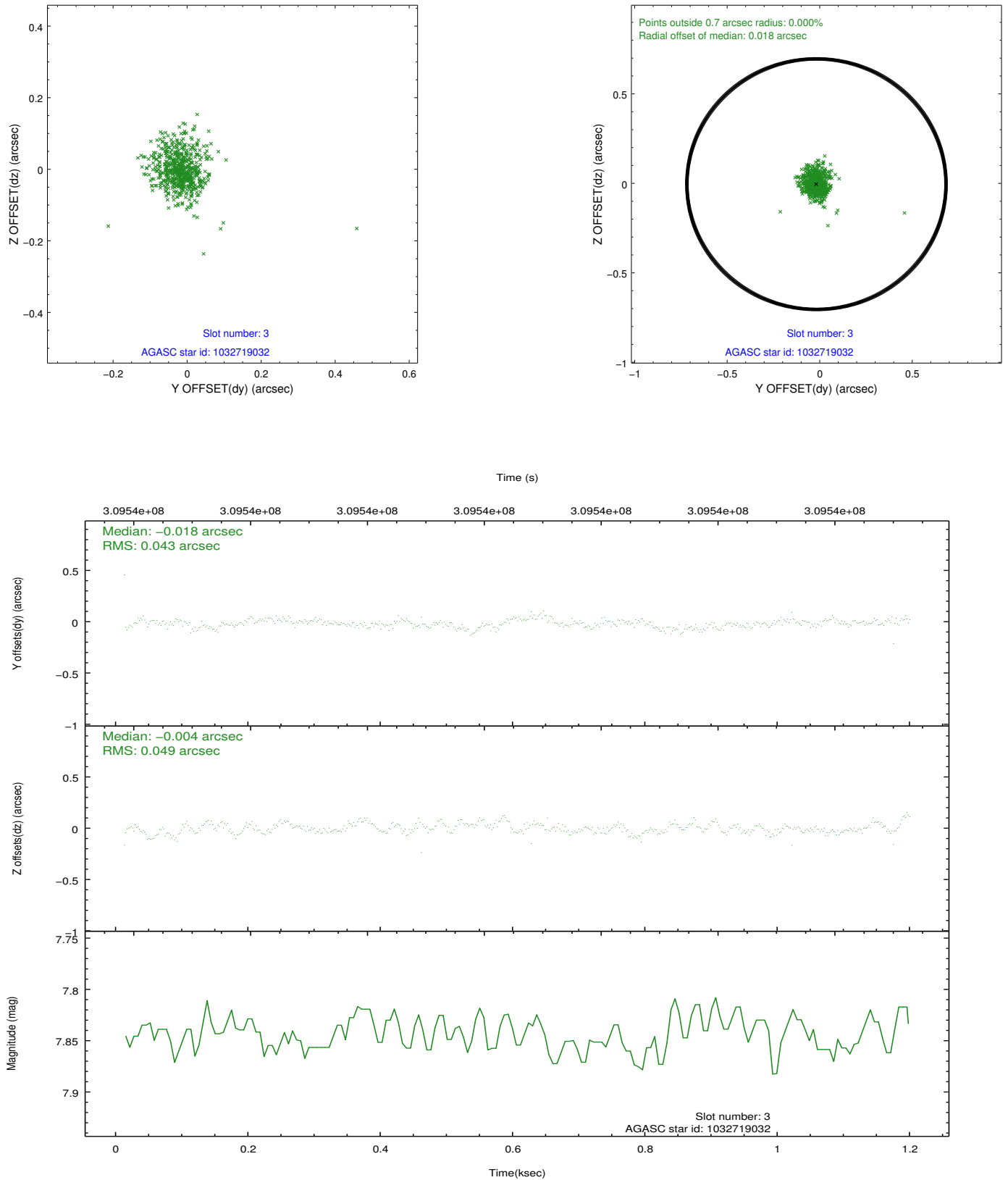
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	290	0.071	-0.057	0.007	0.012	0.000000	0.000000	840.71	-1304.03
1	FID	HRC-I-3	7.06	290	-0.100	0.005	0.006	0.011	0.000000	0.000000	-1197.70	997.65
2	FID	HRC-I-4	6.99	290	0.148	-0.035	0.006	0.009	0.000000	0.000000	1266.80	1003.17
3	GUIDE	1032719032	7.84	580	-0.018	-0.004	0.065	0.107	251.840841	-44.711949	-1270.78	-1186.92
4	GUIDE	1032728704	7.41	580	-0.153	-0.110	0.064	0.099	252.357257	-44.991366	-988.56	444.33
5	GUIDE	1032878440	9.17	580	-0.022	0.074	0.093	0.157	252.803177	-44.838877	-1994.91	1208.77
6	GUIDE	1091318704	7.61	580	0.144	-0.069	0.073	0.118	251.955714	-45.390313	754.53	205.87
7	GUIDE	1091326848	8.84	577	0.048	0.093	0.075	0.125	252.143808	-45.528706	981.68	855.74

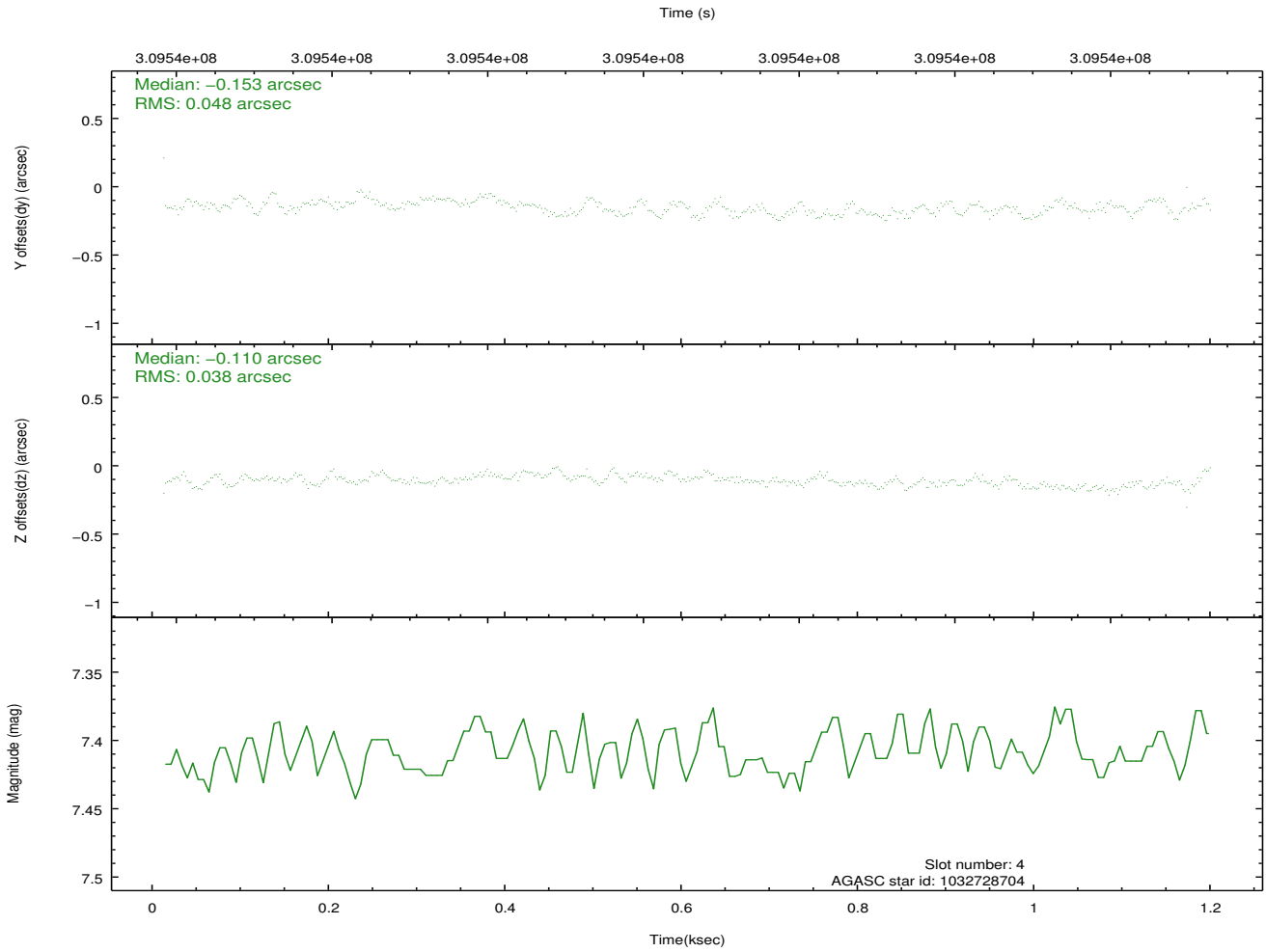
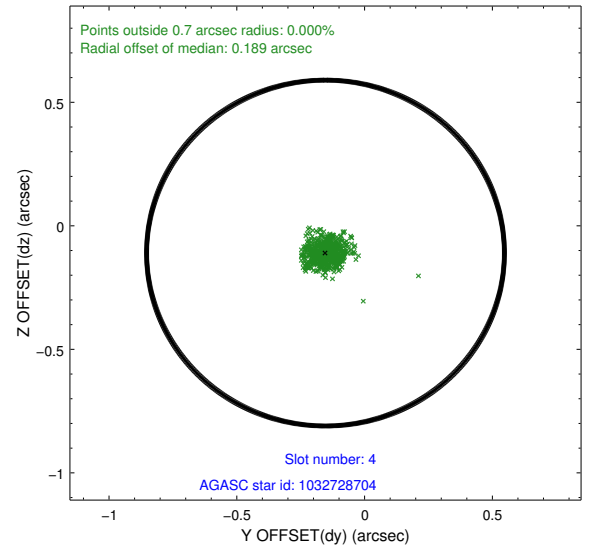
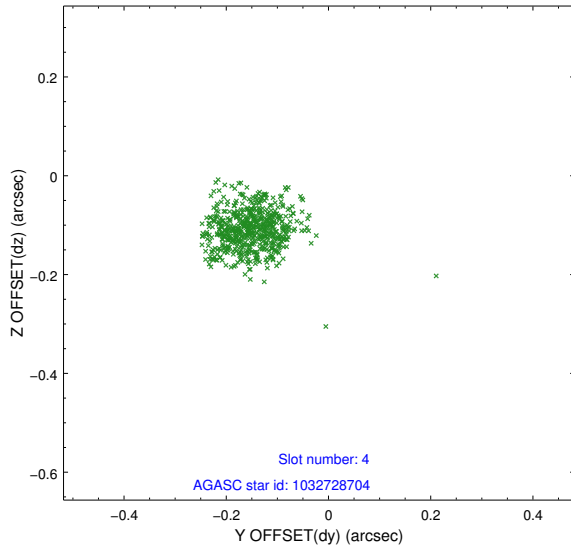


## 2.4 Star Slots

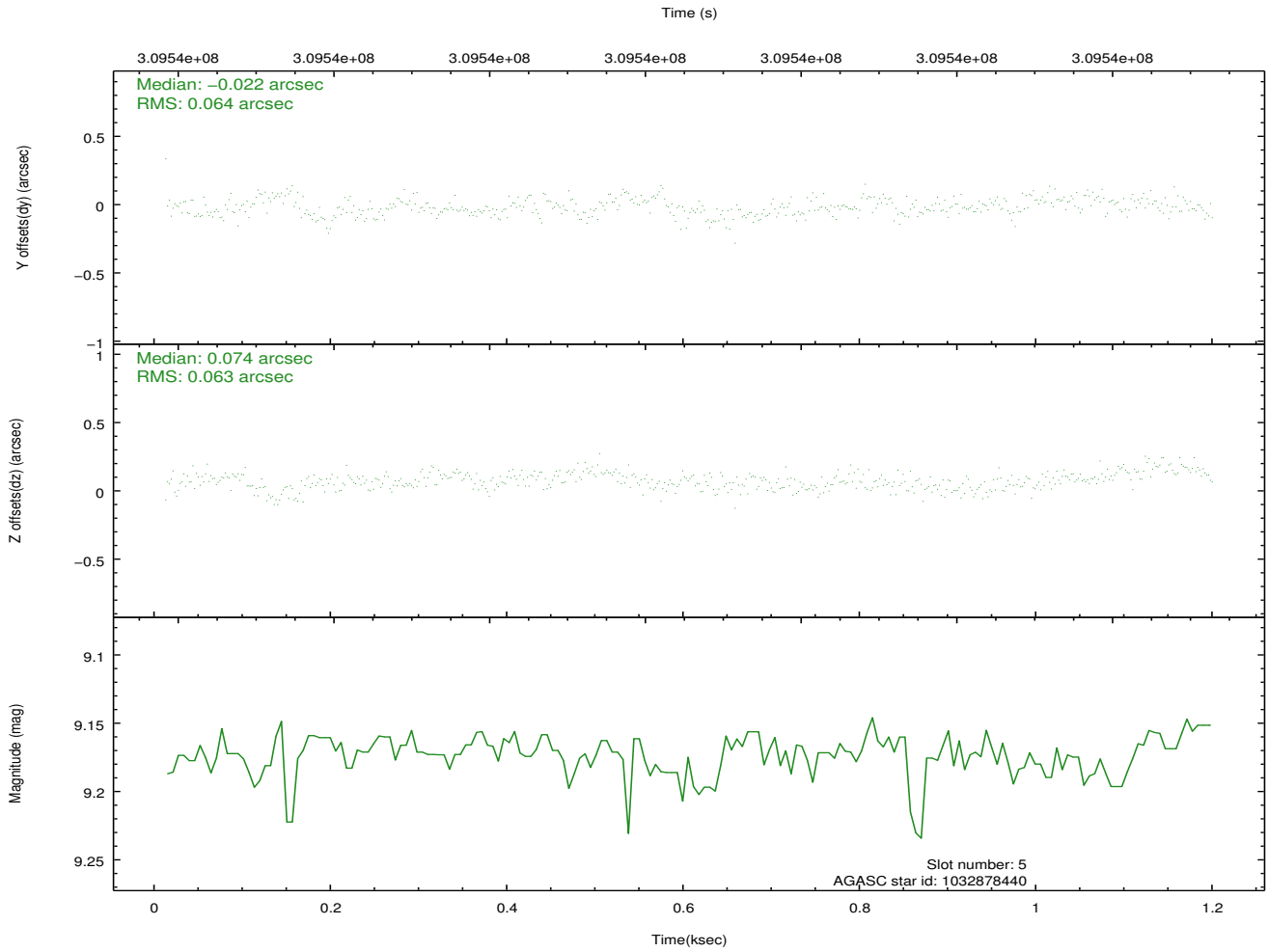
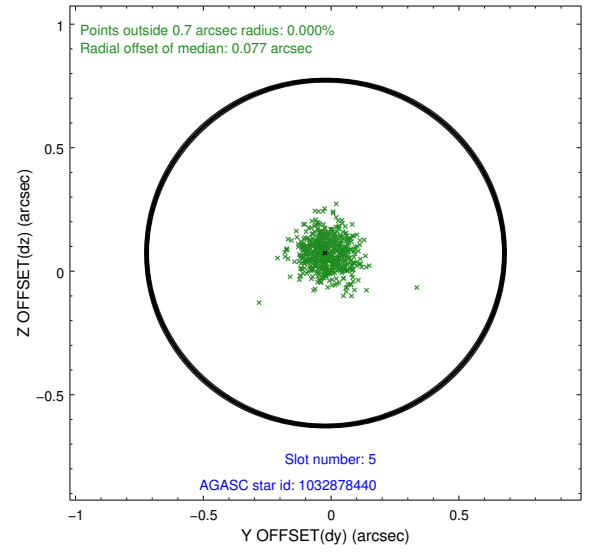
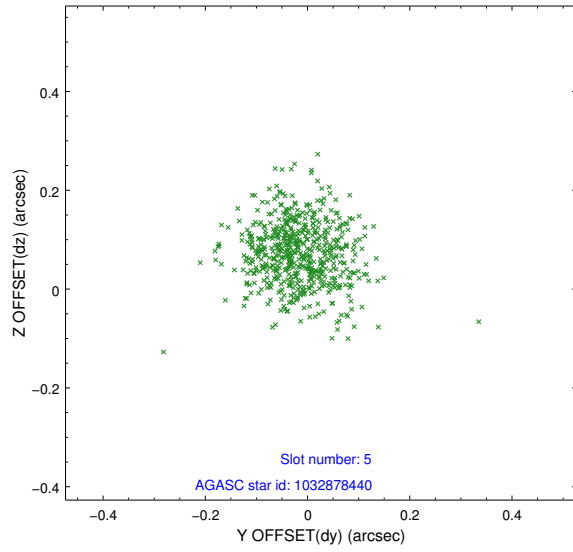
### 2.4.1 Slot 3



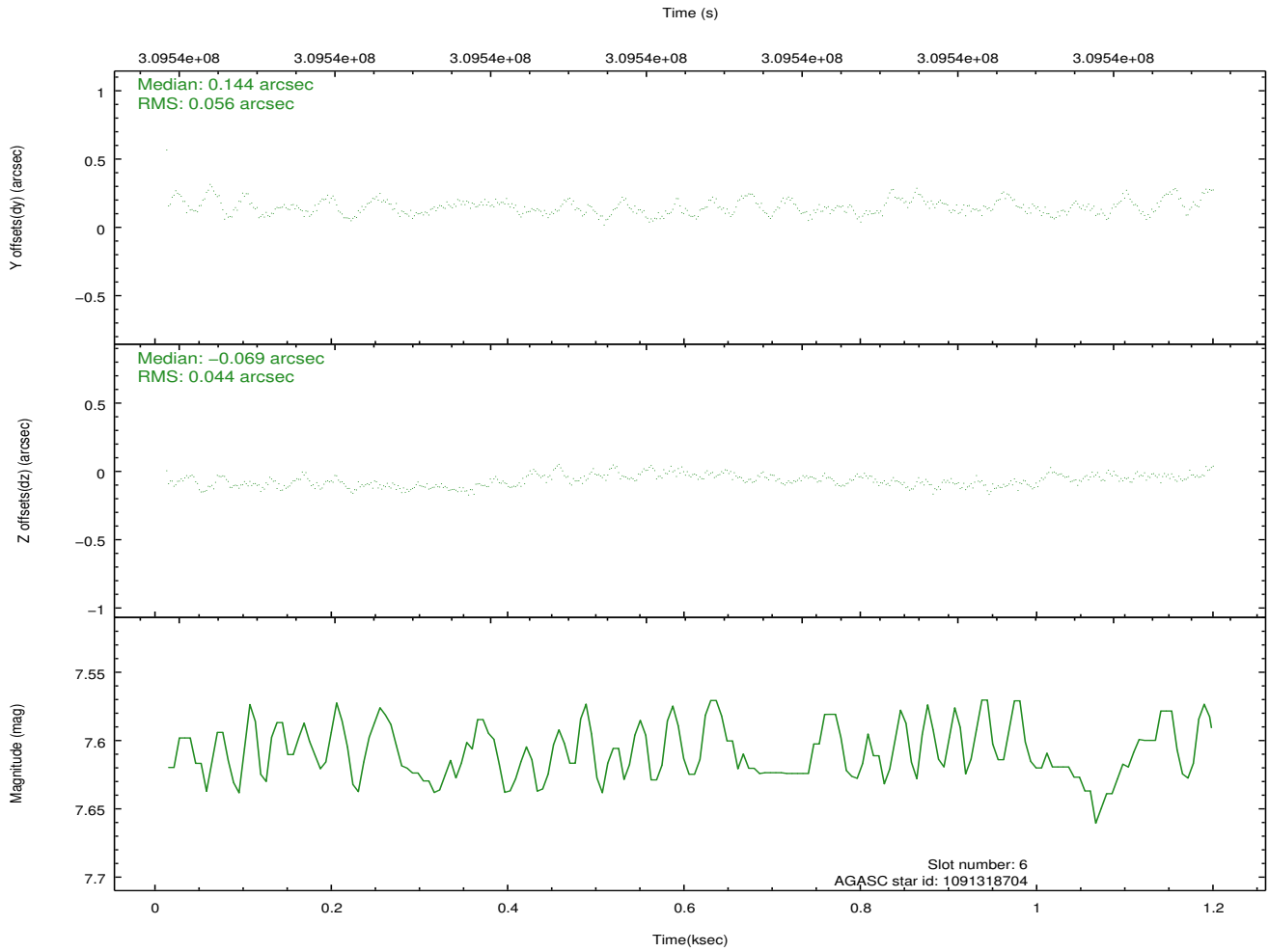
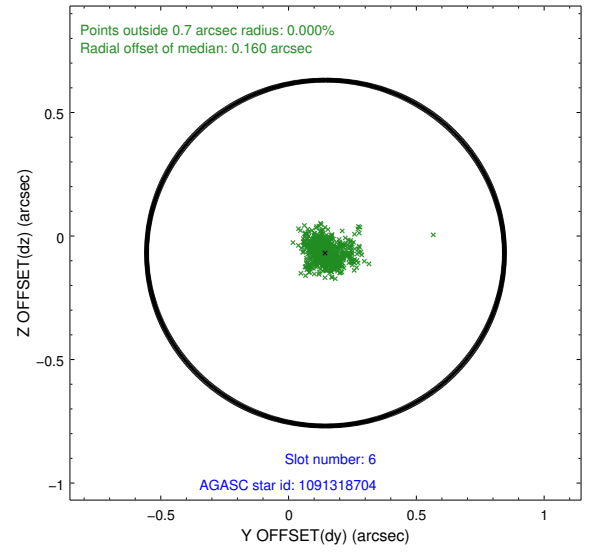
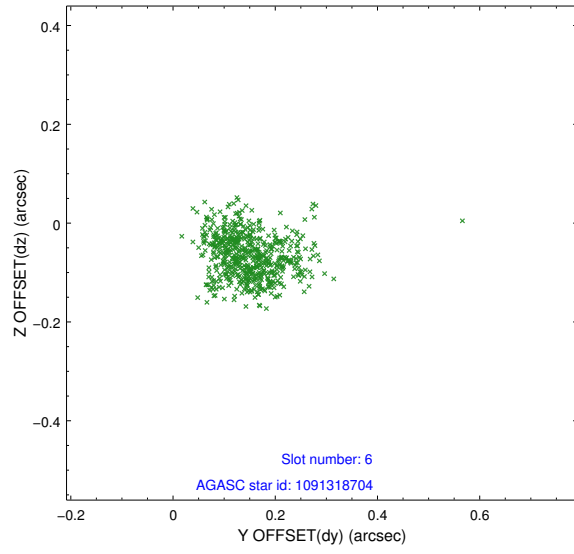
## 2.4.2 Slot 4



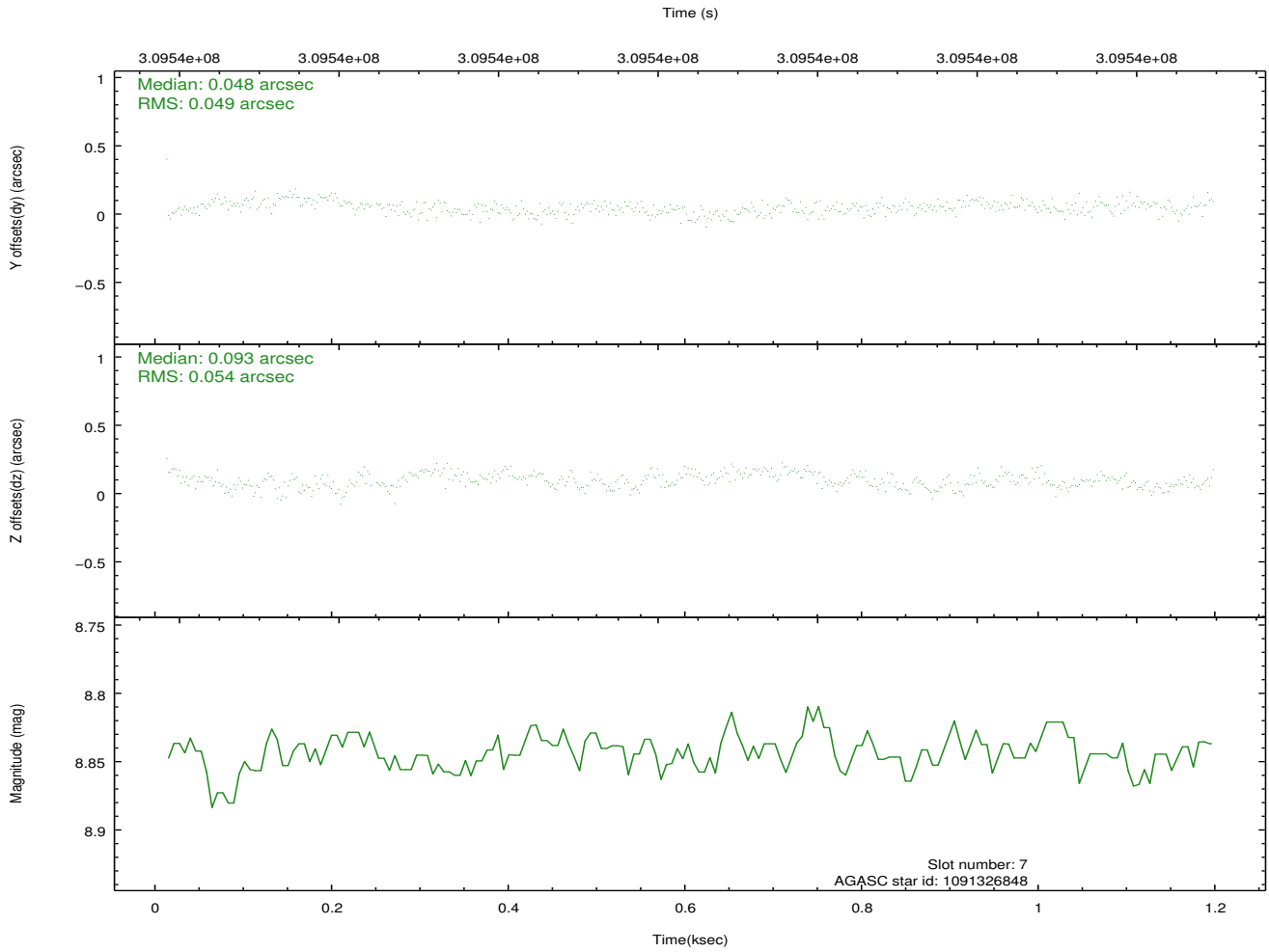
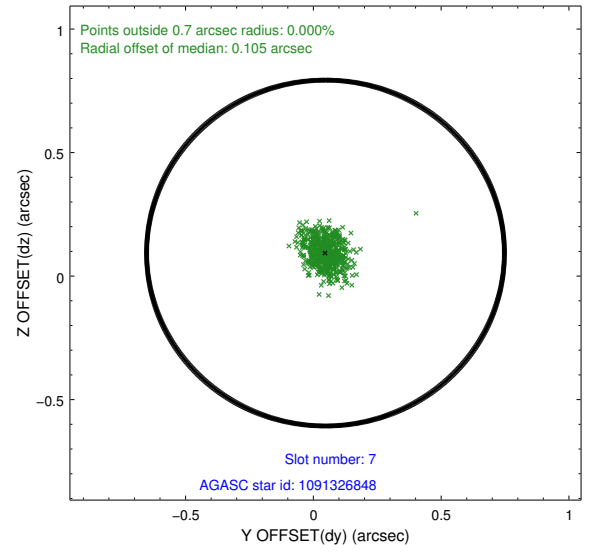
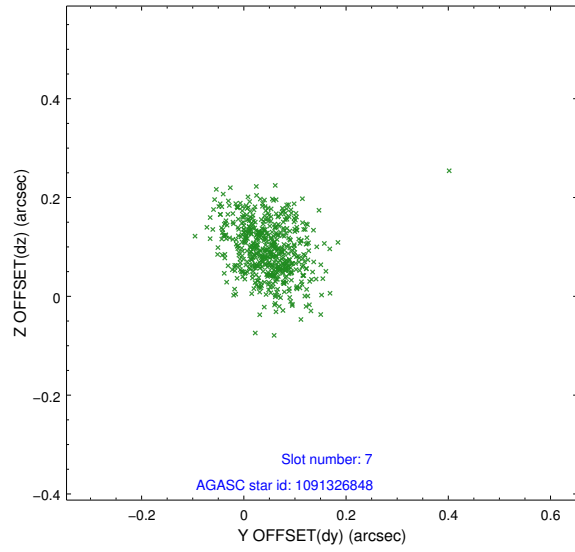
### 2.4.3 Slot 5



## 2.4.4 Slot 6

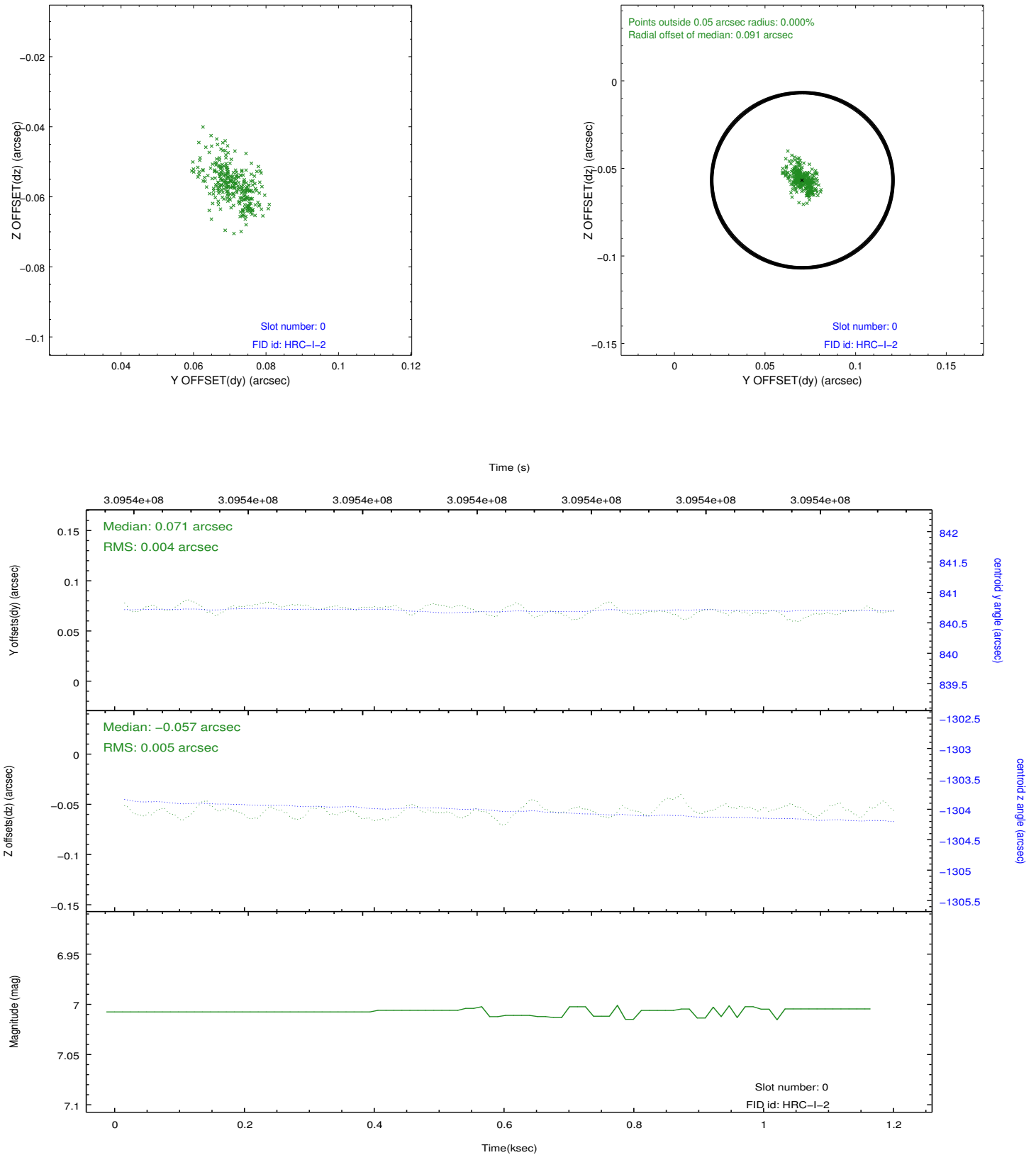


## 2.4.5 Slot 7

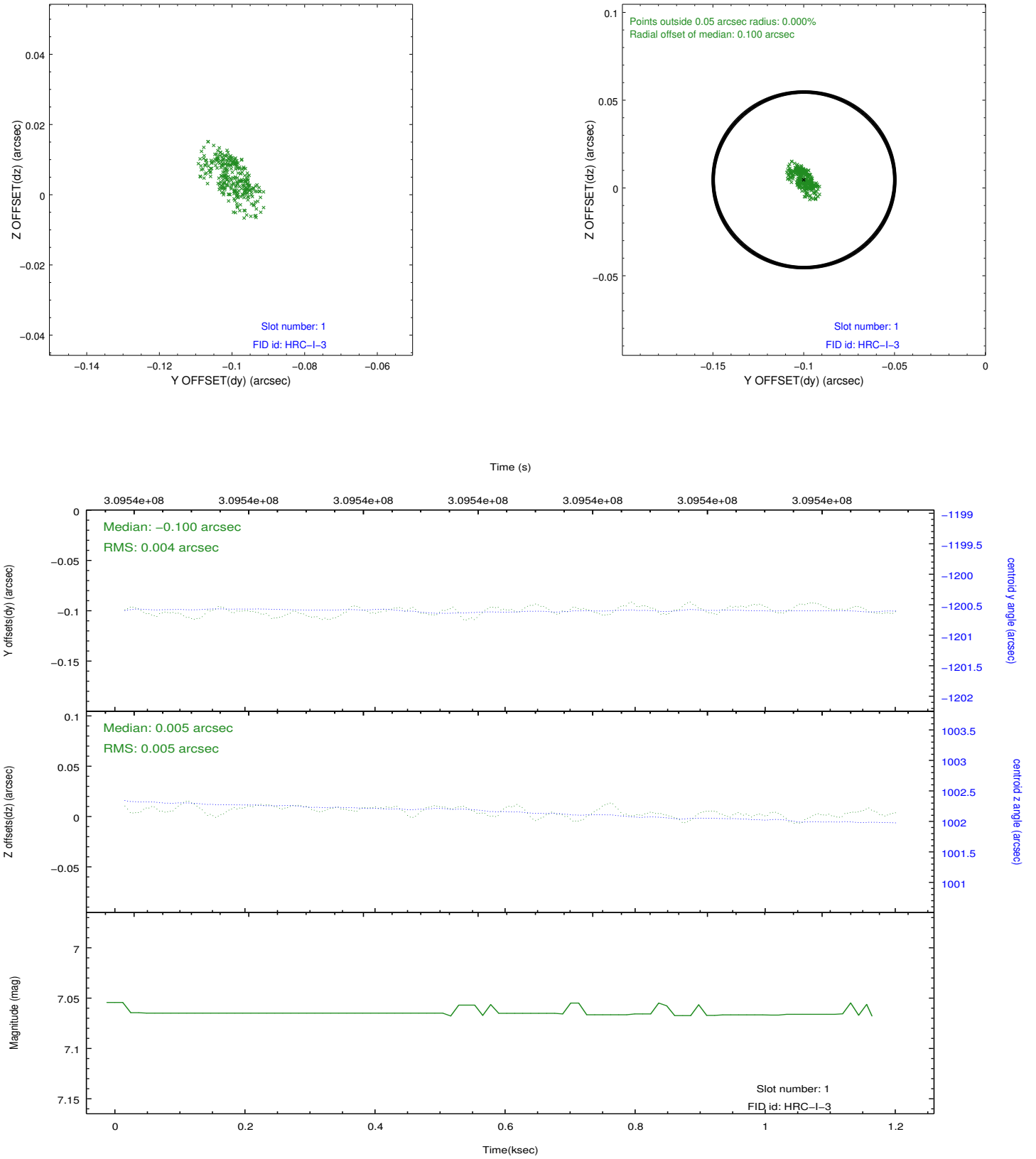


## 2.5 FID Slots

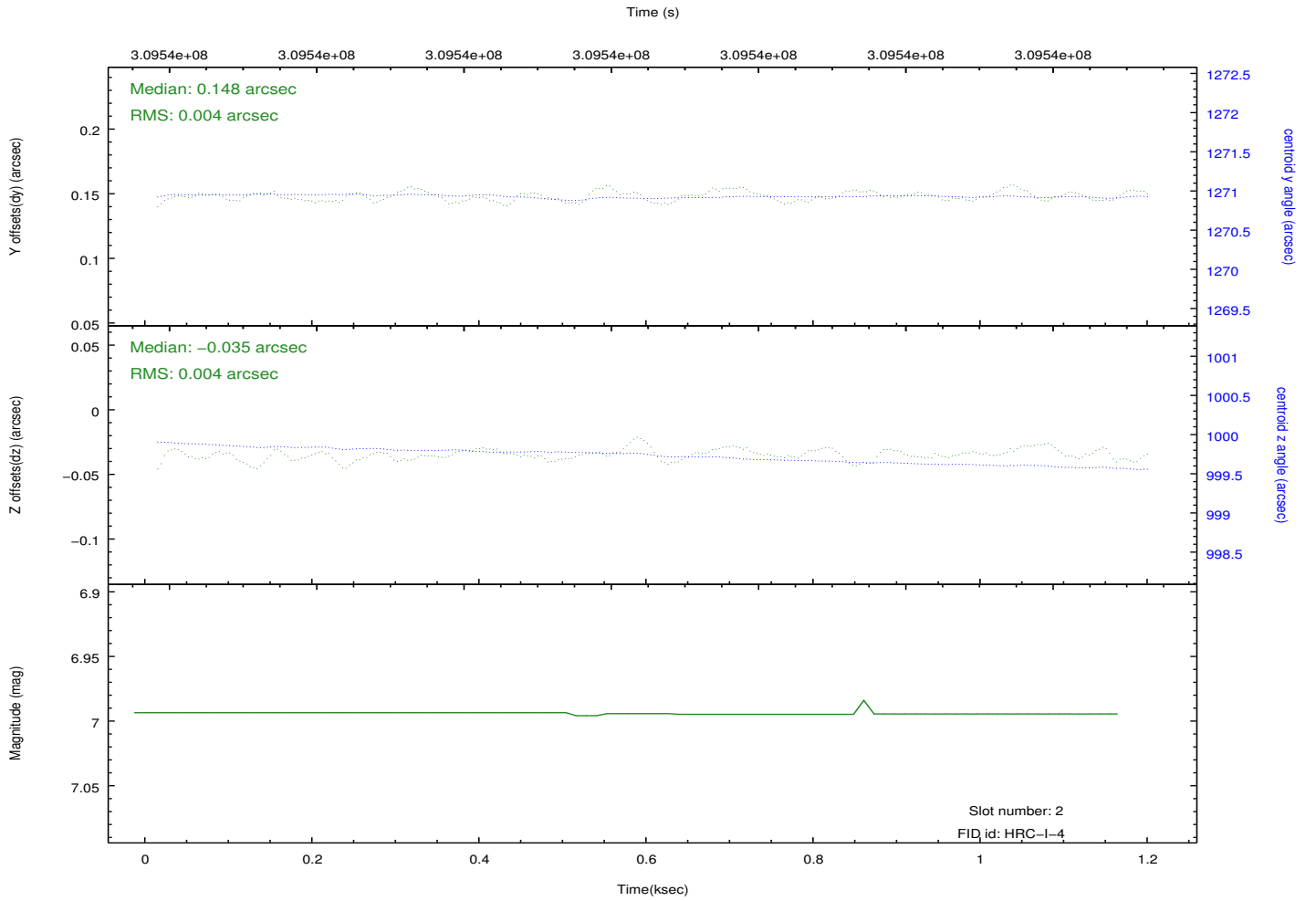
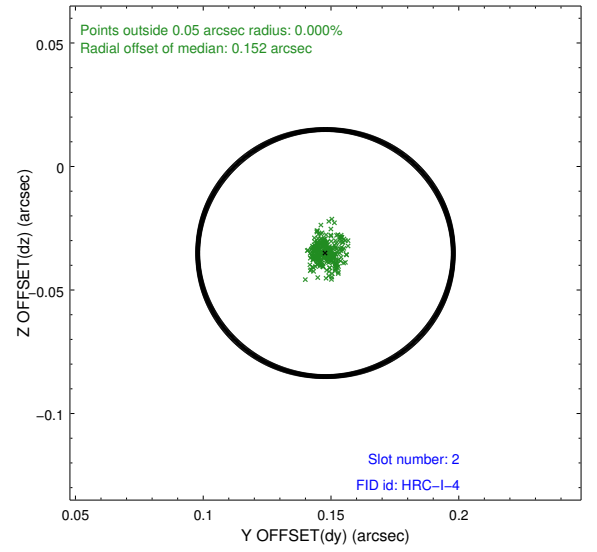
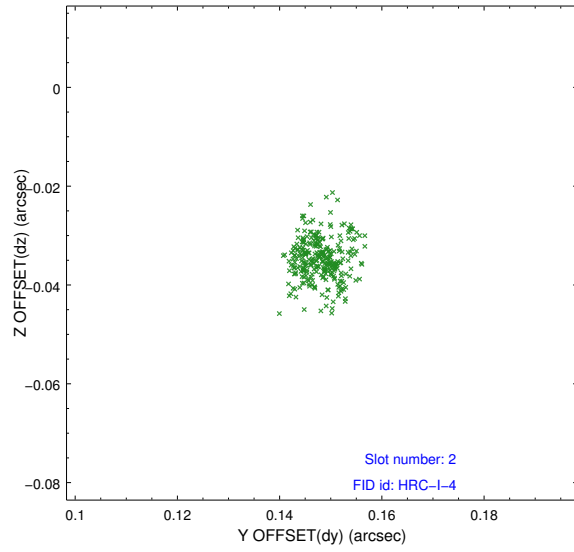
### 2.5.1 Slot 0



## 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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18592505

### A.2 Comments