

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 6655 - L2 Version 4  
Chandra X-Ray Center

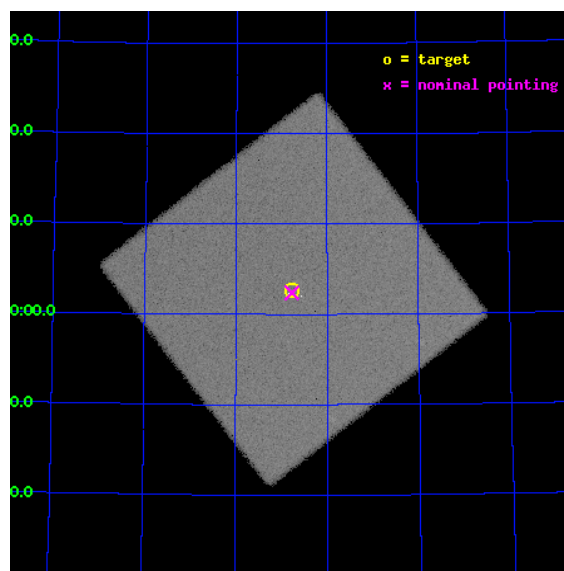
L2 Processing Date : Aug 11 2012

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# 1 Front

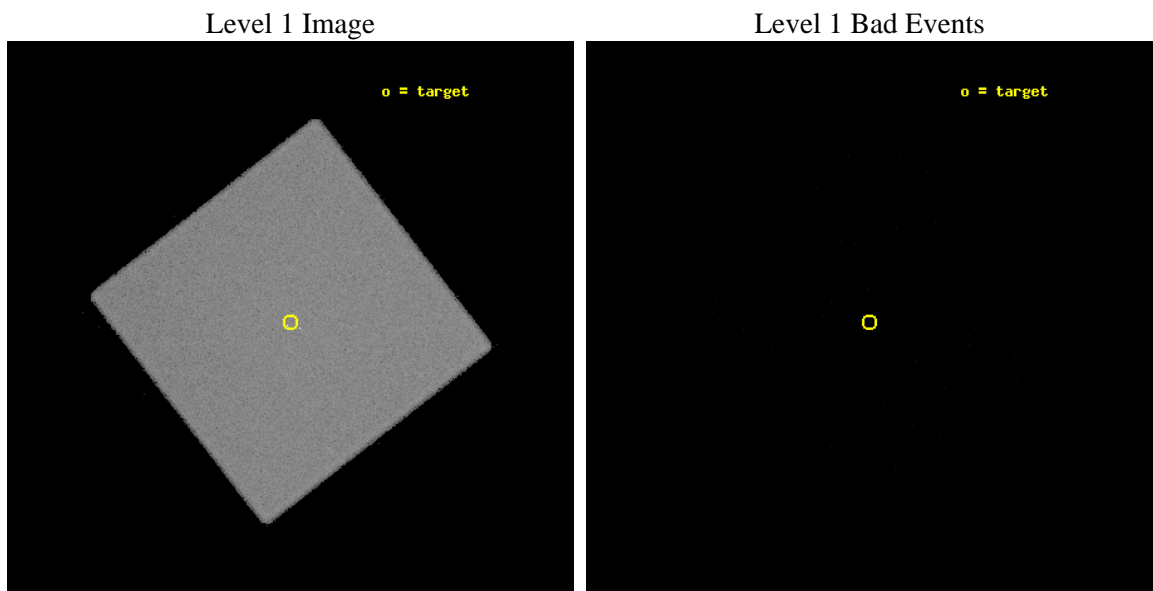
seq_num	500609	Sequence number
obs_id	6655	Observation id
title	SEARCH FOR A COMPACT OBJECT ASSOCIATED WITH A LONG IONIZED FILAMENT	&#160
observer	Dr Stephen Murray	Principal investigator
object	1RXS J094247.2+700238	Source name
ra_targ	145.696667	Observer's specified target RA [deg]
dec_targ	70.043889	Observer's specified target Dec [deg]
ra_nom	145.69346774509	Nominal RA [deg]
dec_nom	70.040024644813	Nominal Dec [deg]
roll_nom	277.18870875764	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10179.275475562	[s]
livetime	10090.704736029	Ontime multiplied by DTCOR
l2events	482703	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10179.275475562	[s]
caldbver	4.5.1.1	&#160	l1events	834503	Number of level 1 events
date	2012-08-11T08:54:25	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

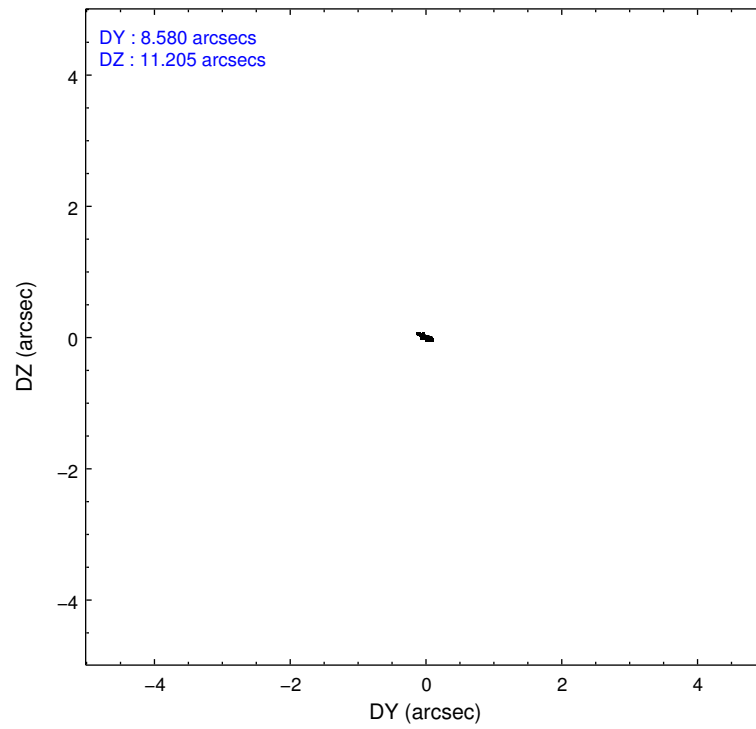
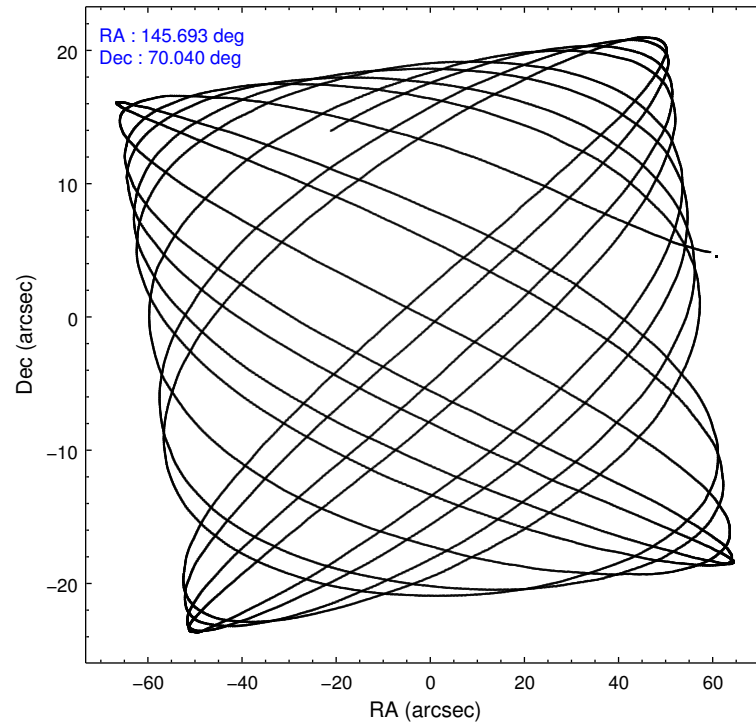
	<b>segment 0</b>
level 1 events	834503
rejected events	112553
rejected %	13%

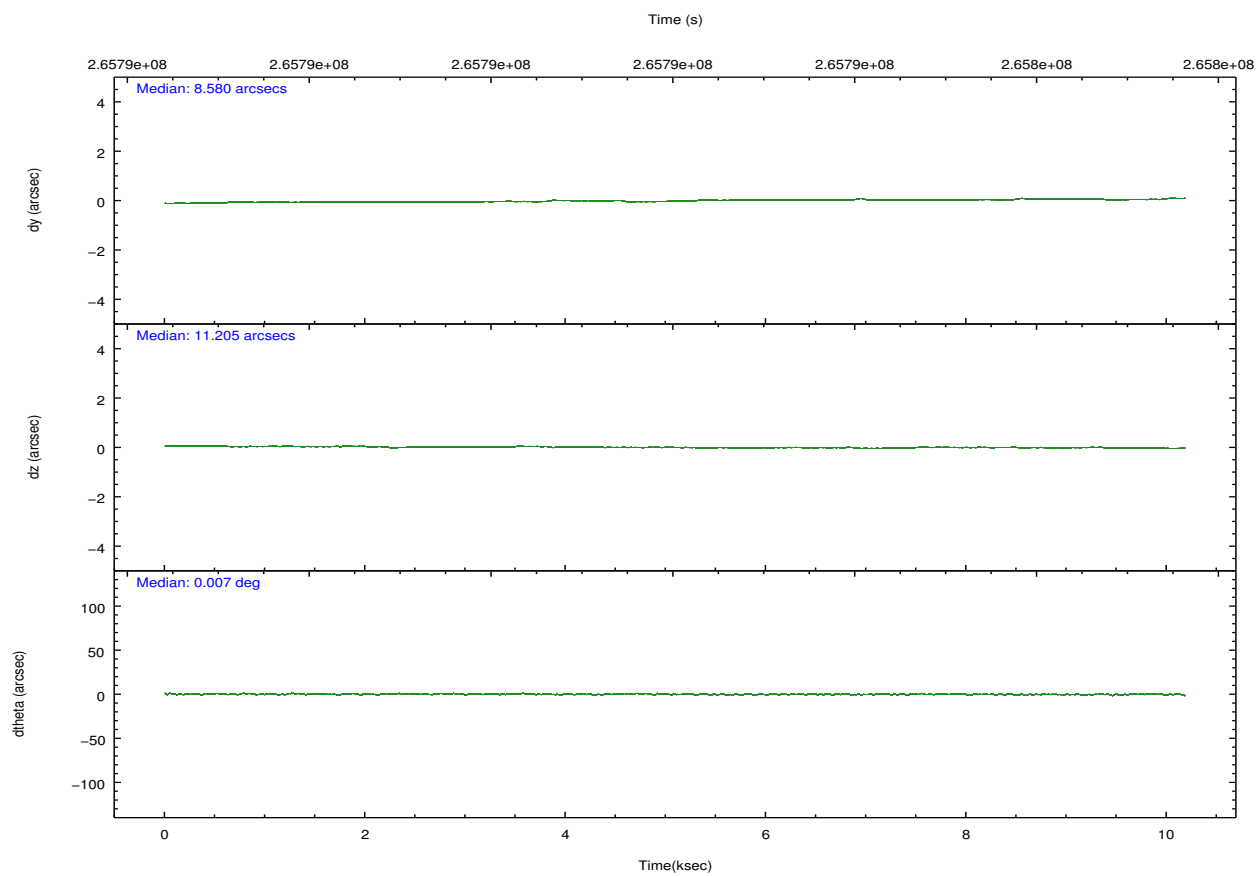
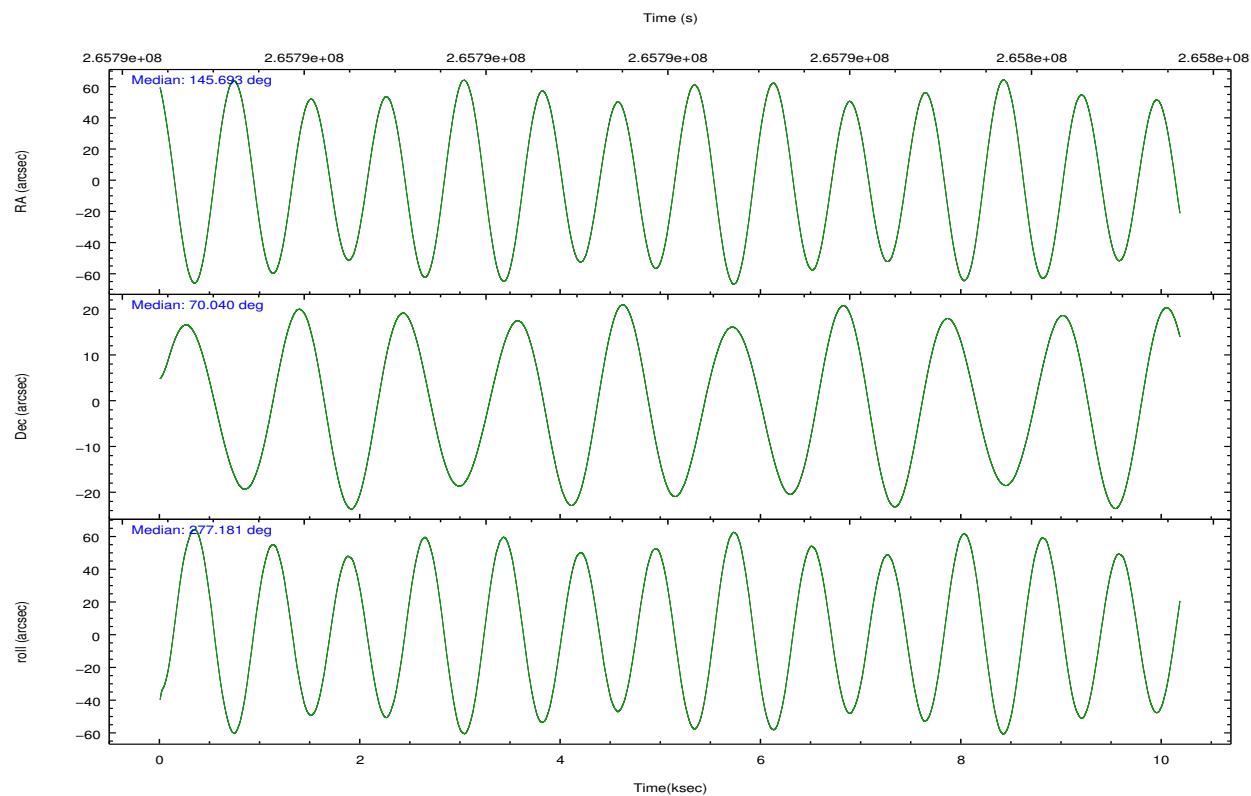


## 2.2 Compared Parameters

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	145.643910	145.6934677450904			
[deg] Pointing Dec	70.061098	70.04002464481272			
[deg] Pointing Roll	277.330775	277.1887087576362			
[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)	265787115.184000	265785382.14832			
Observation start date	2006-06-04T05:44:10	2006-06-04T05:16:22			
[s] Observation end time (MET)	265797115.184000	265797608.34889			
Observation end date	2006-06-04T08:30:50	2006-06-04T08:40:08			

## 2.3 Aspect



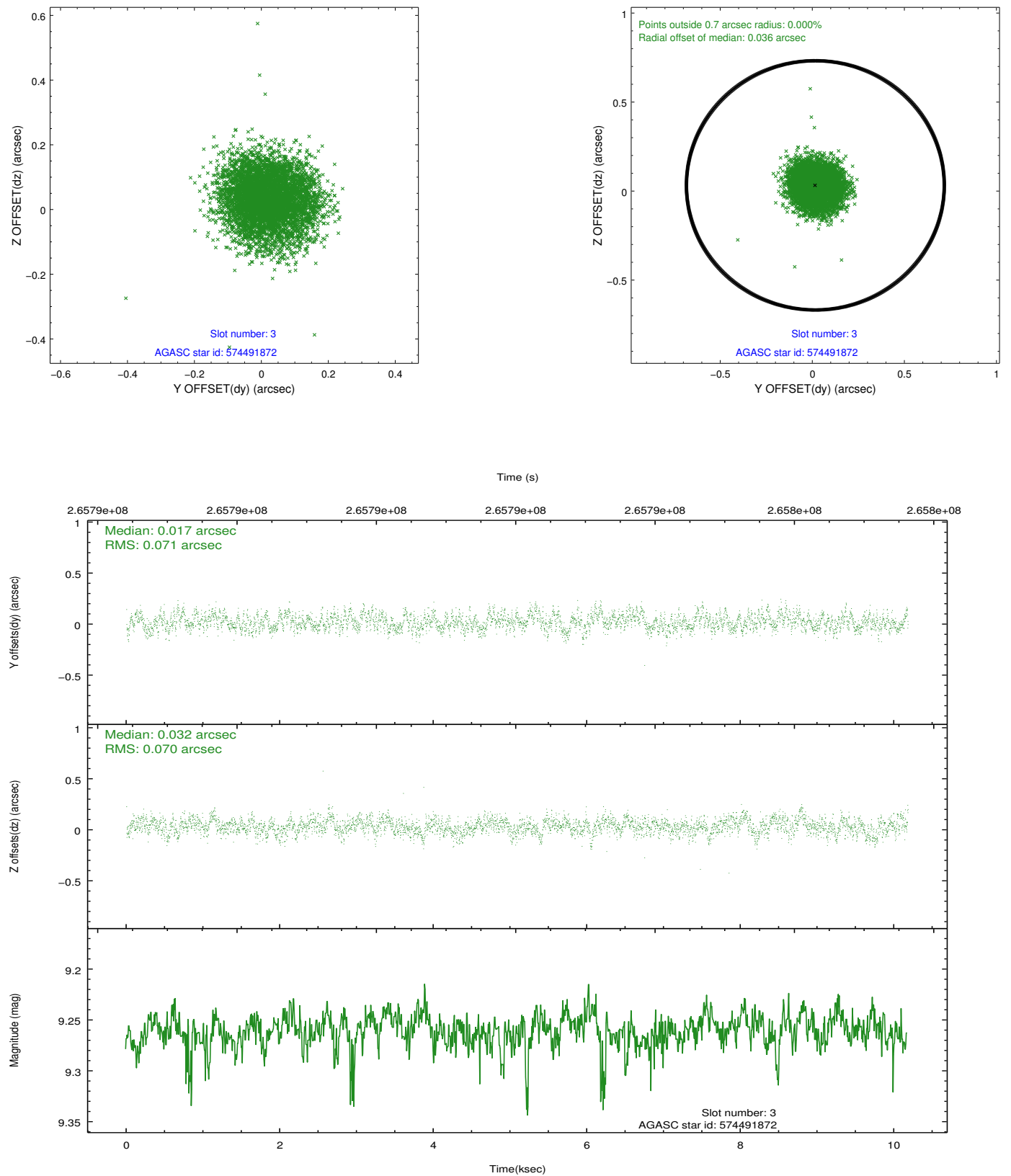


### Slot Statistics

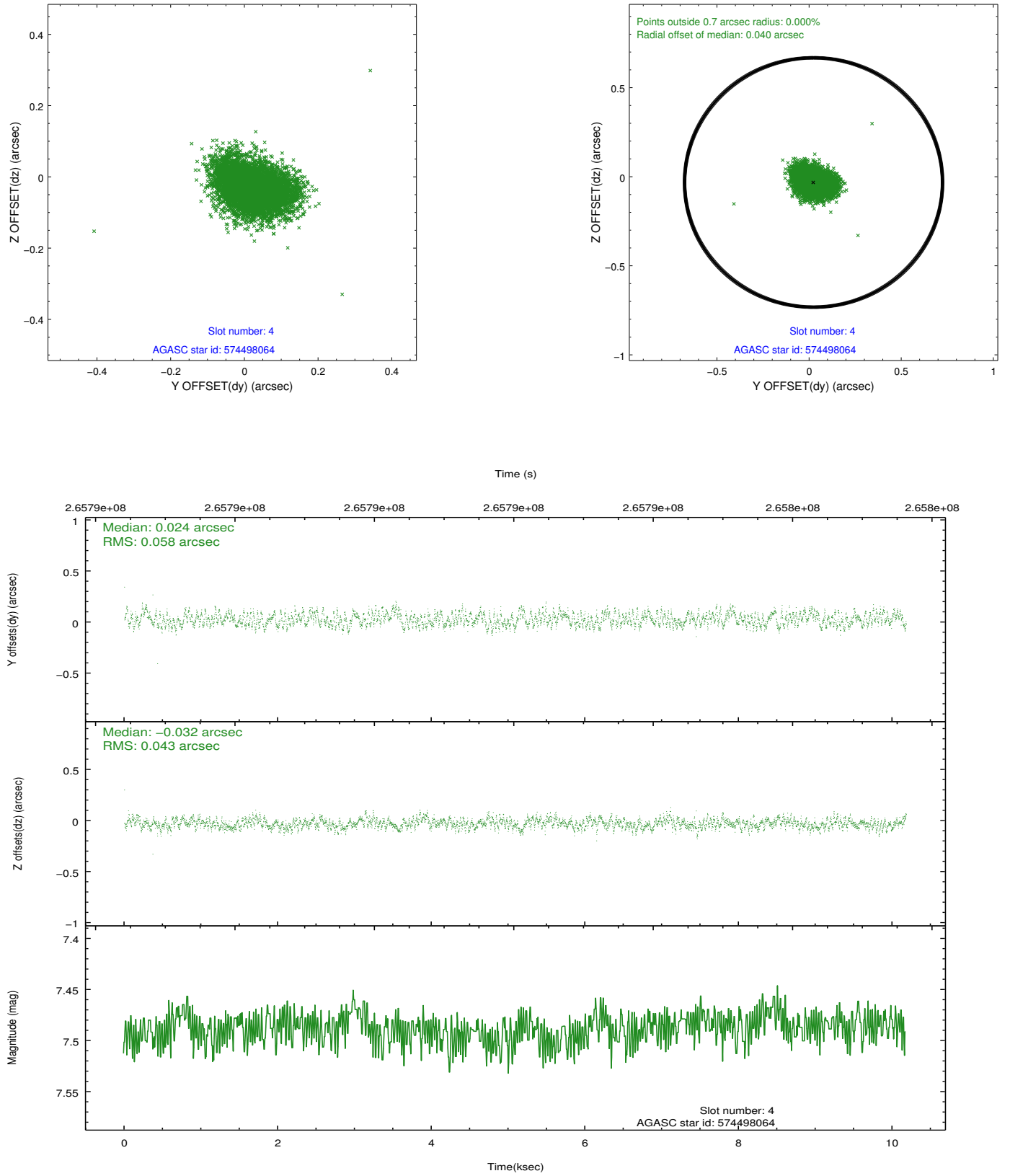
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.03	2483	0.083	-0.072	0.006	0.010	0.000000	0.000000	848.54	-1300.80
1	FID	HRC-I-3	7.09	2483	-0.085	0.019	0.006	0.009	0.000000	0.000000	-1192.44	1004.86
2	FID	HRC-I-4	7.03	2483	0.121	-0.033	0.006	0.010	0.000000	0.000000	1278.22	1003.39
3	GUIDE	574491872	9.26	4950	0.017	0.032	0.107	0.169	147.207613	69.765453	1281.91	1798.26
4	GUIDE	574498064	7.49	4965	0.024	-0.032	0.077	0.120	144.170634	69.636608	1259.68	-2022.27
5	GUIDE	574895448	9.20	4965	0.011	0.055	0.086	0.136	144.543216	70.632184	-2217.28	-1040.11
6	GUIDE	574896368	7.12	4966	-0.020	-0.010	0.060	0.096	146.174191	70.283073	-713.09	741.06
7	GUIDE	574895288	8.37	4965	-0.036	-0.045	0.074	0.121	145.973105	70.434040	-1281.64	565.11

## 2.4 Star Slots

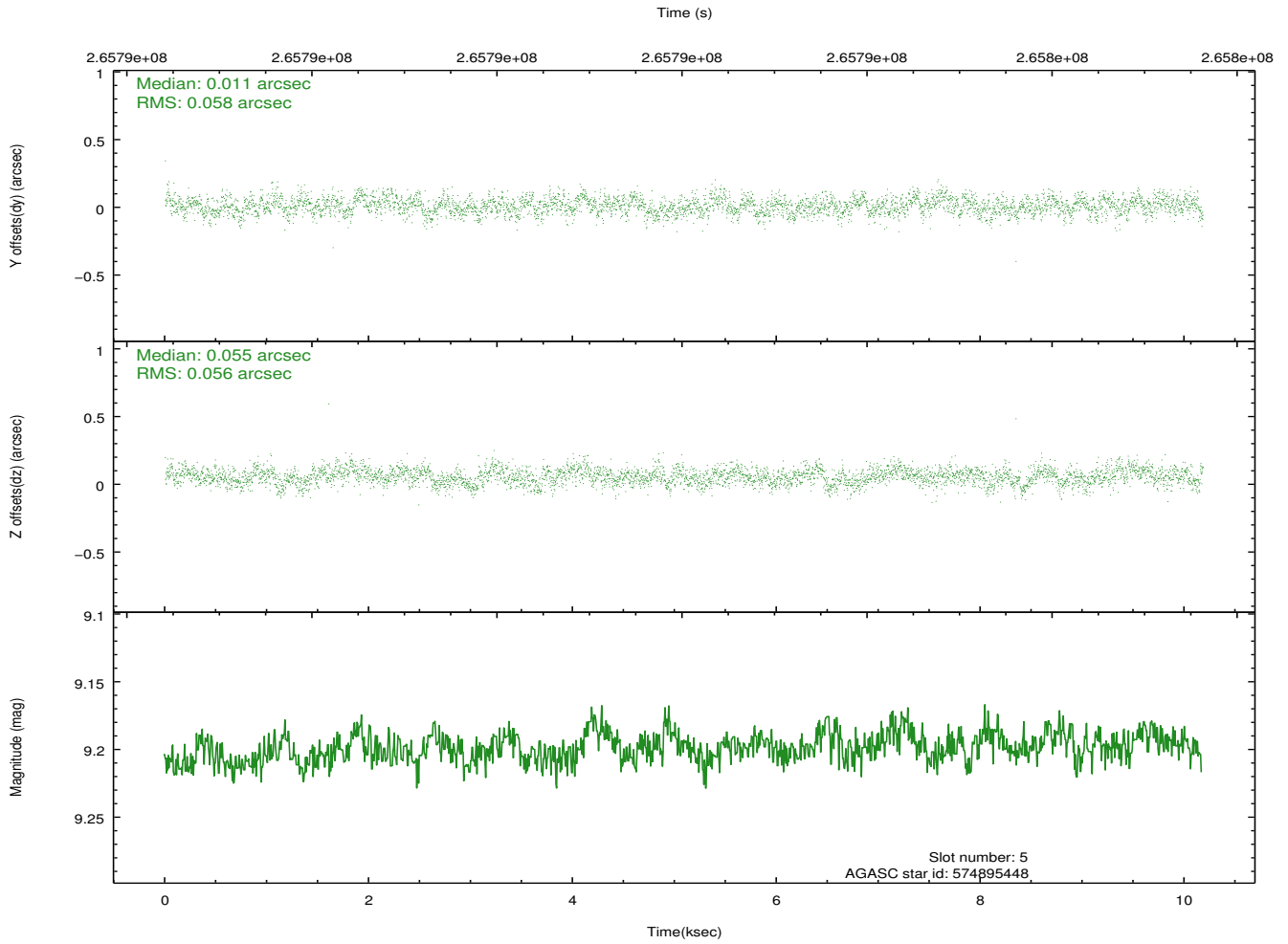
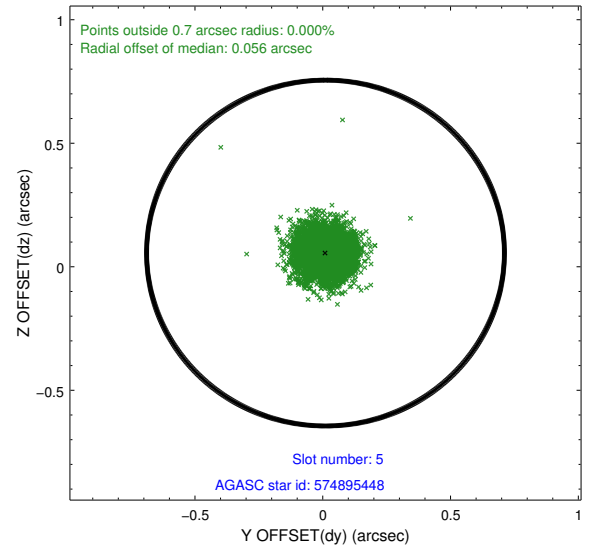
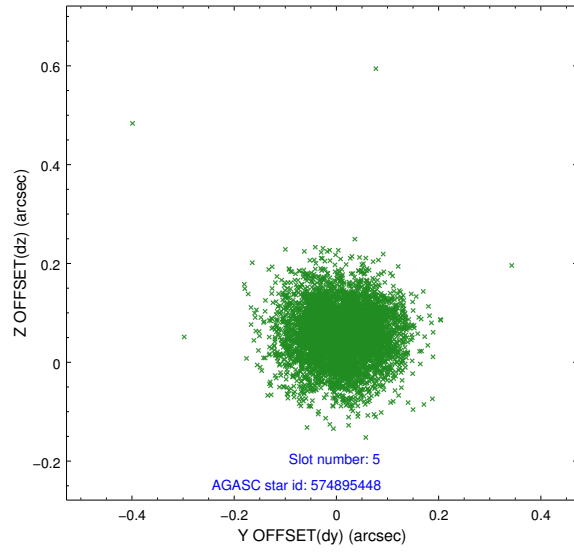
### 2.4.1 Slot 3



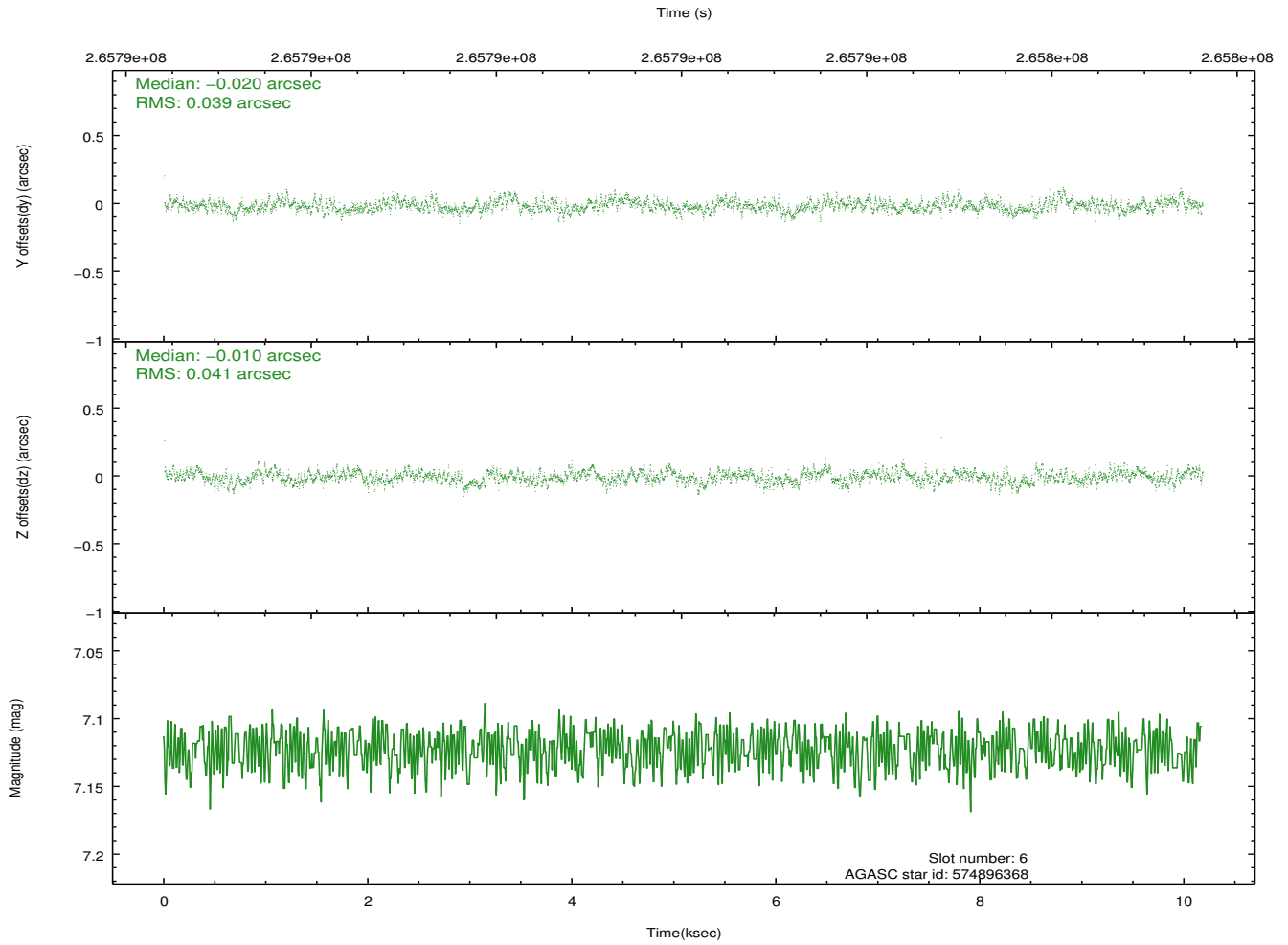
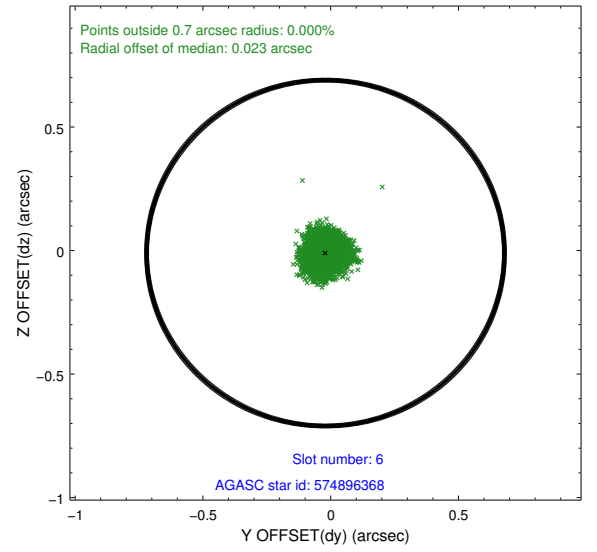
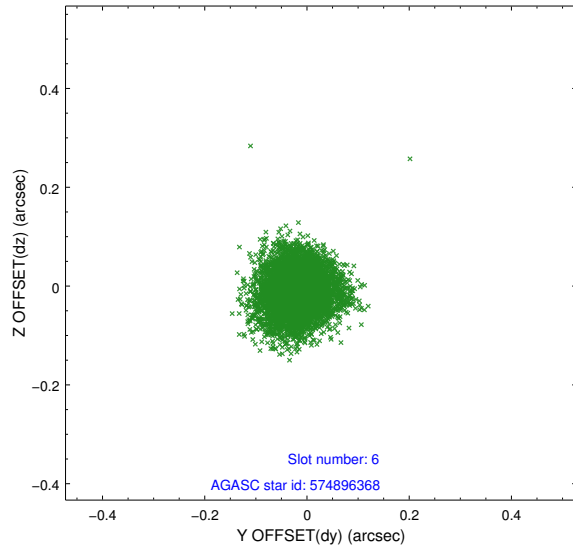
## 2.4.2 Slot 4



### 2.4.3 Slot 5

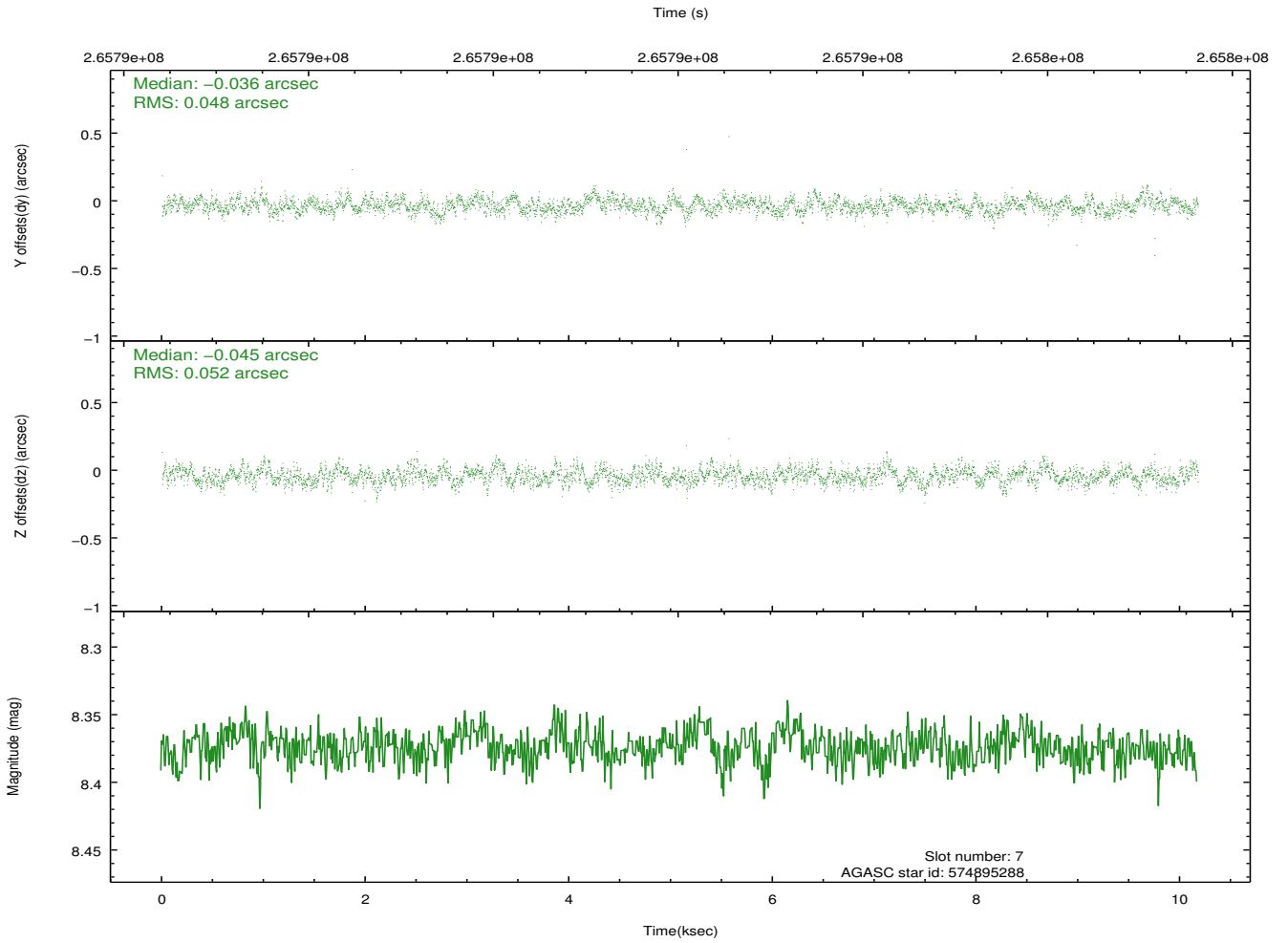
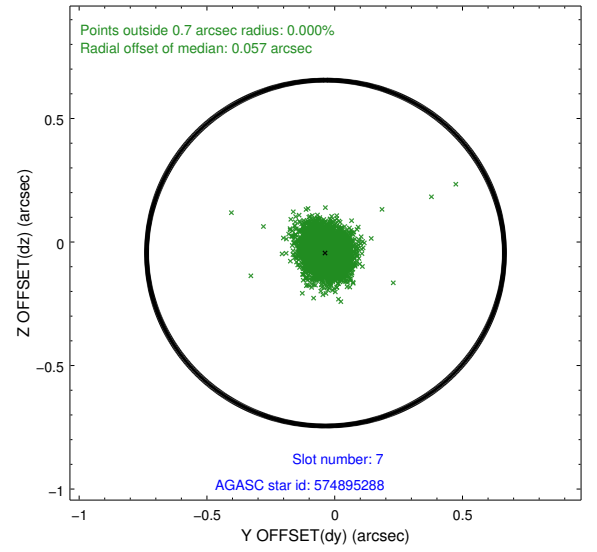
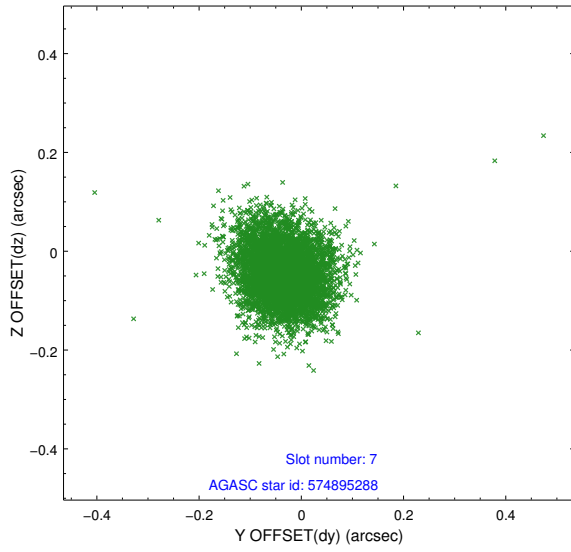


## 2.4.4 Slot 6



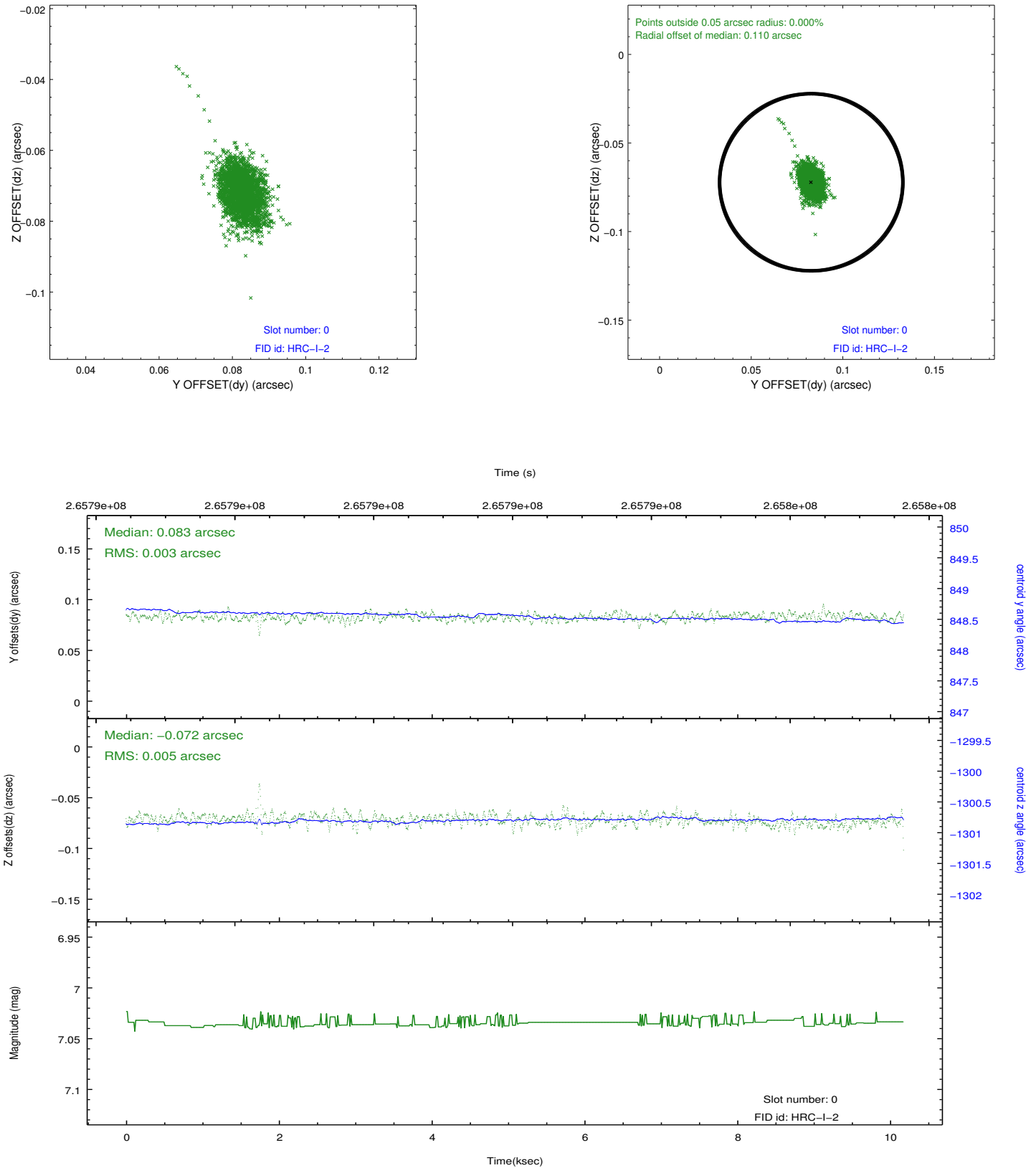


## 2.4.5 Slot 7

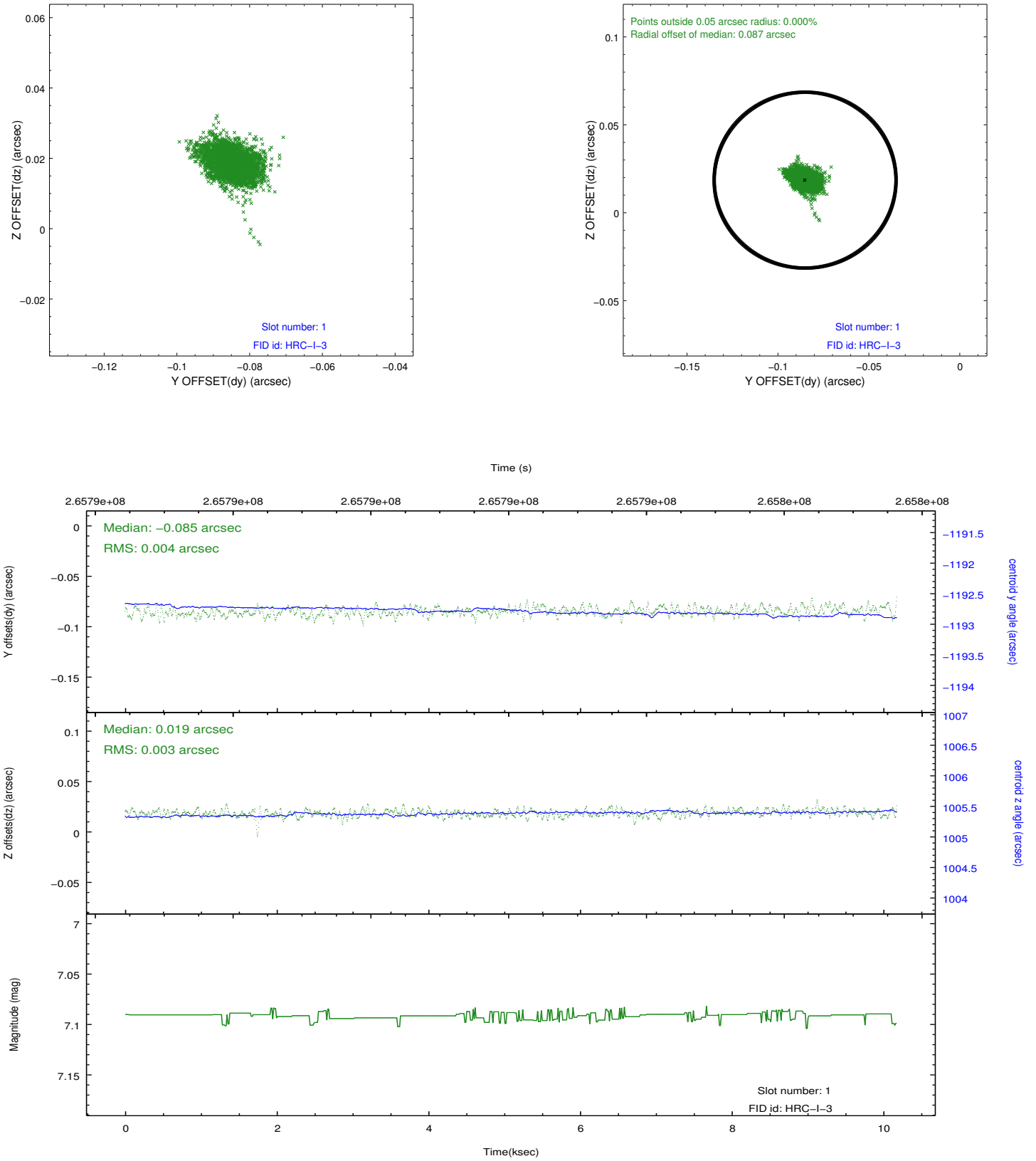


## 2.5 FID Slots

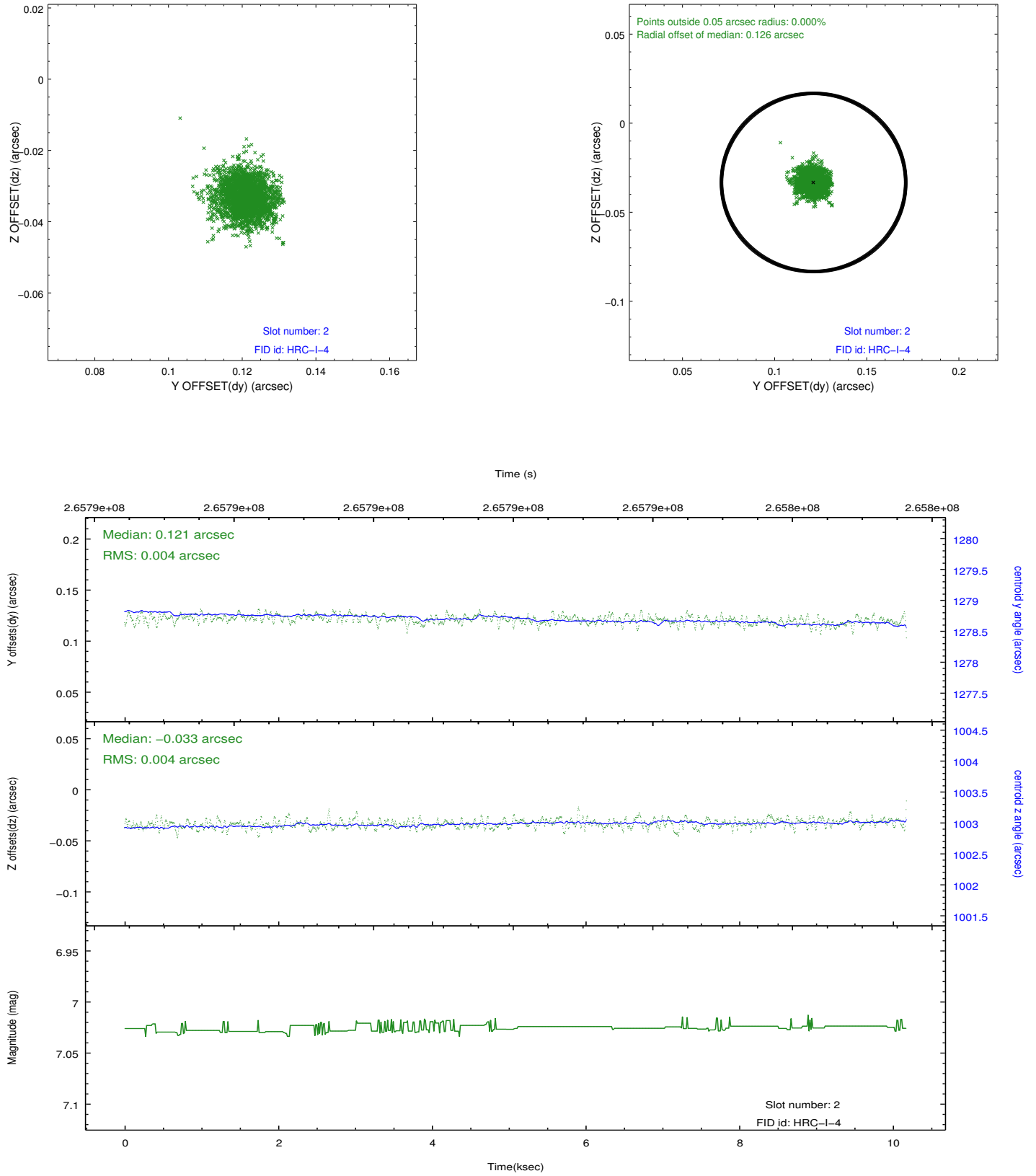
### 2.5.1 Slot 0



## 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	10.1792754

### A.2 Comments