

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 2797 - L2 Version 001  
Chandra X-Ray Center

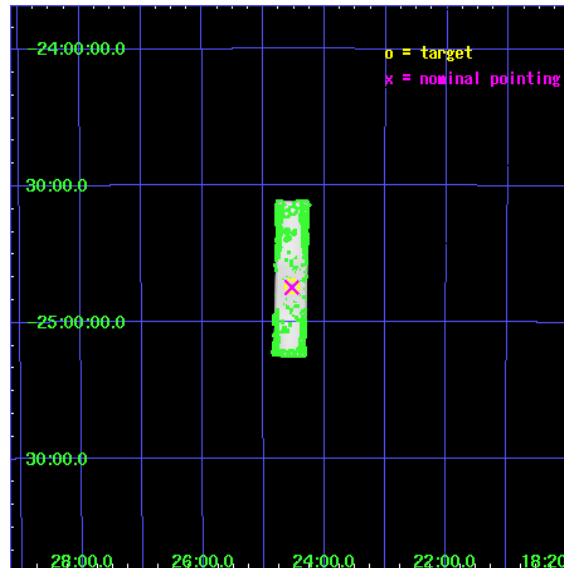
L2 Processing Date : Oct 9 2006

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# 1 Front

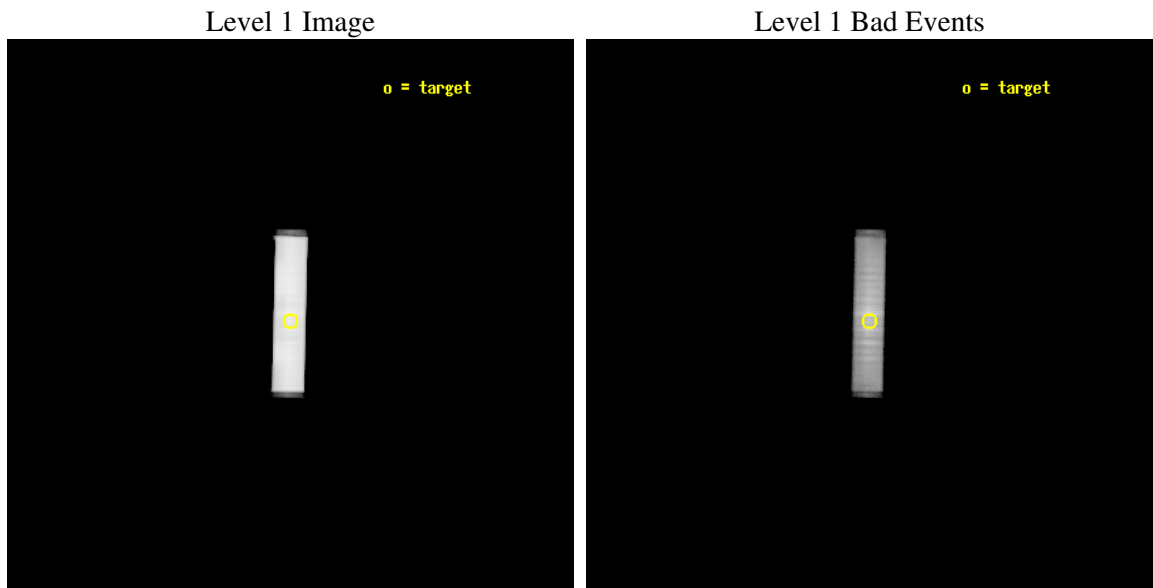
seq_num	500247
obs_id	2797
title	BRIDGING THE GAP: DISCOVERING THE INTER-PULSE EMISSION IN PSR B1821-24
observer	Prof. Robert Rutledge
object	PSR B1821-24
ra_targ	276.133333
dec_targ	-24.869639
ra_nom	276.13329923419
dec_nom	-24.874318031998
roll_nom	271.24328222404
revision	2
ontime	49374.252053827
livetime	49115.93359328
l2events	2869771



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-09T12:35:33
revision	2

sched_exp_time	49400.000000
ontime	49454.202057183
l1events	3717617

### 2.1.3 Events

Level 1 Events

	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	2947	3714663	7
rejected events	2763	714430	7
rejected %	93%	19%	100%

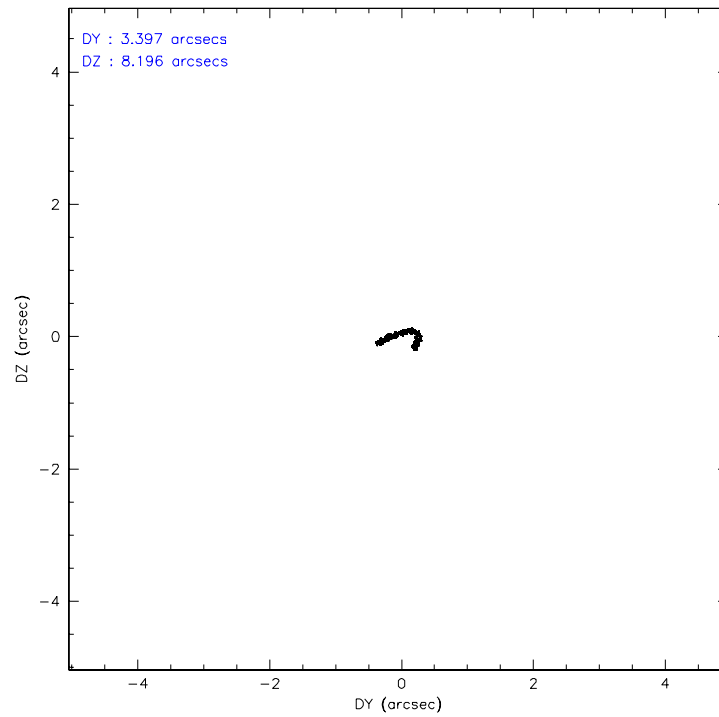
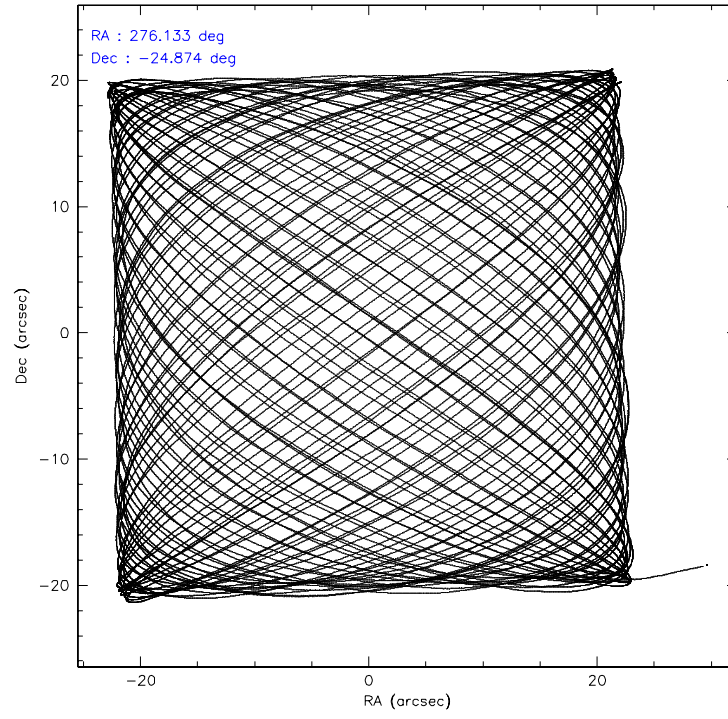


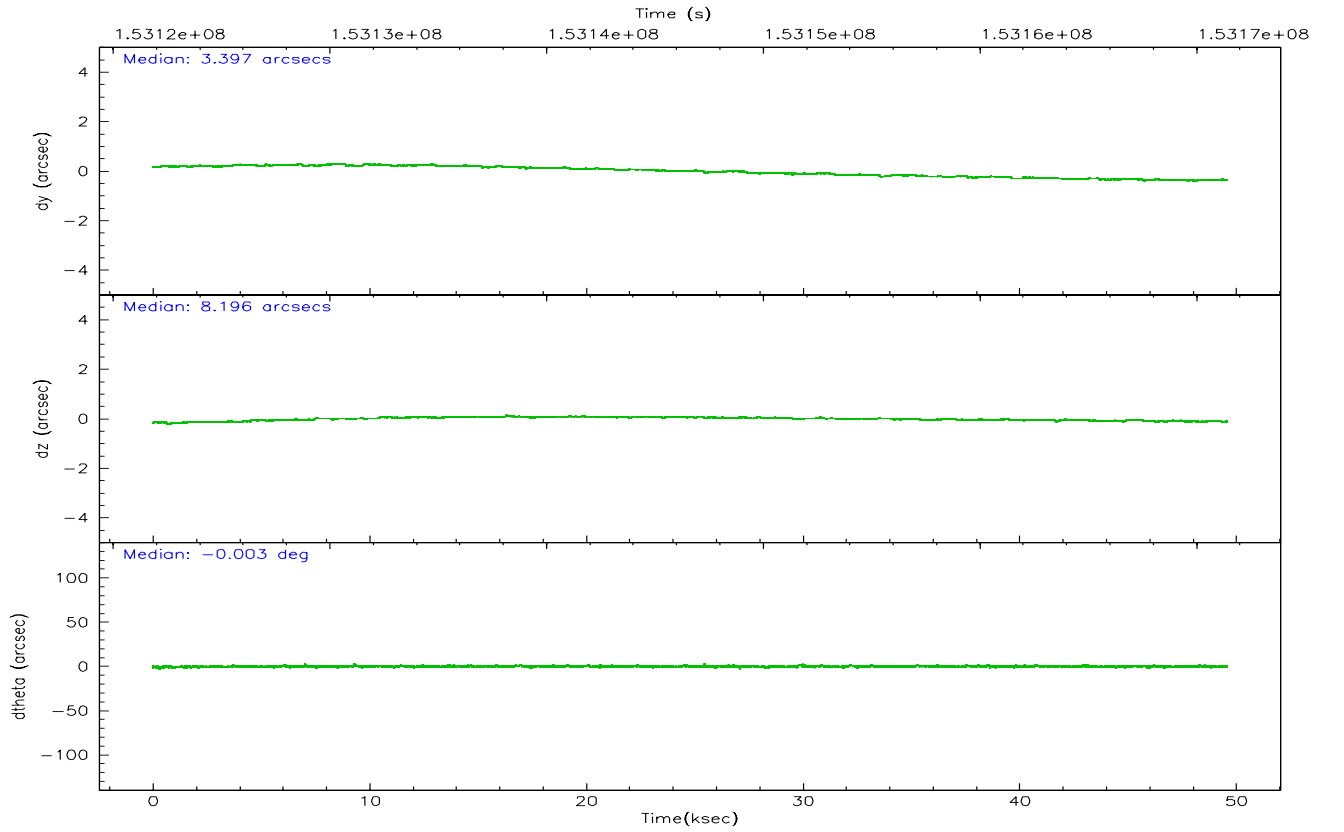
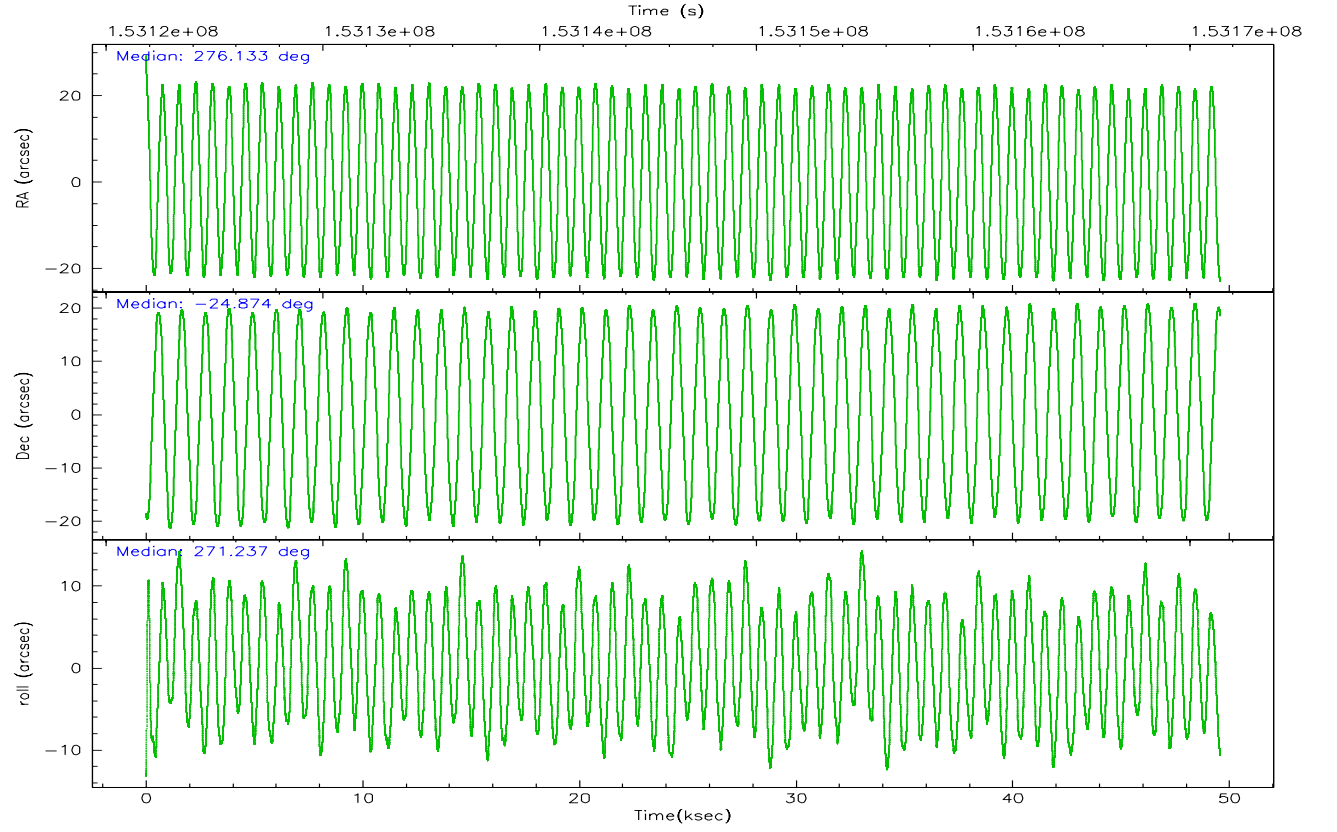
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	276.115633	276.1332992341944
Pointing Dec	-24.850627	-24.87431803199774
Pointing Roll	271.168534	271.2432822240371
SIM focus pos (mm)	-1.529586	-1.523540733526241
SIM defocus (mm)	0.003750771043328743	0.009795905878055677
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	153122013.184000	153121315.71112
Observation start date	2002-11-08T05:52:29	2002-11-08T05:41:55
Observation end time	153171413.184000	153172088.06324
Observation end date	2002-11-08T19:35:49	2002-11-08T19:48:08

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect



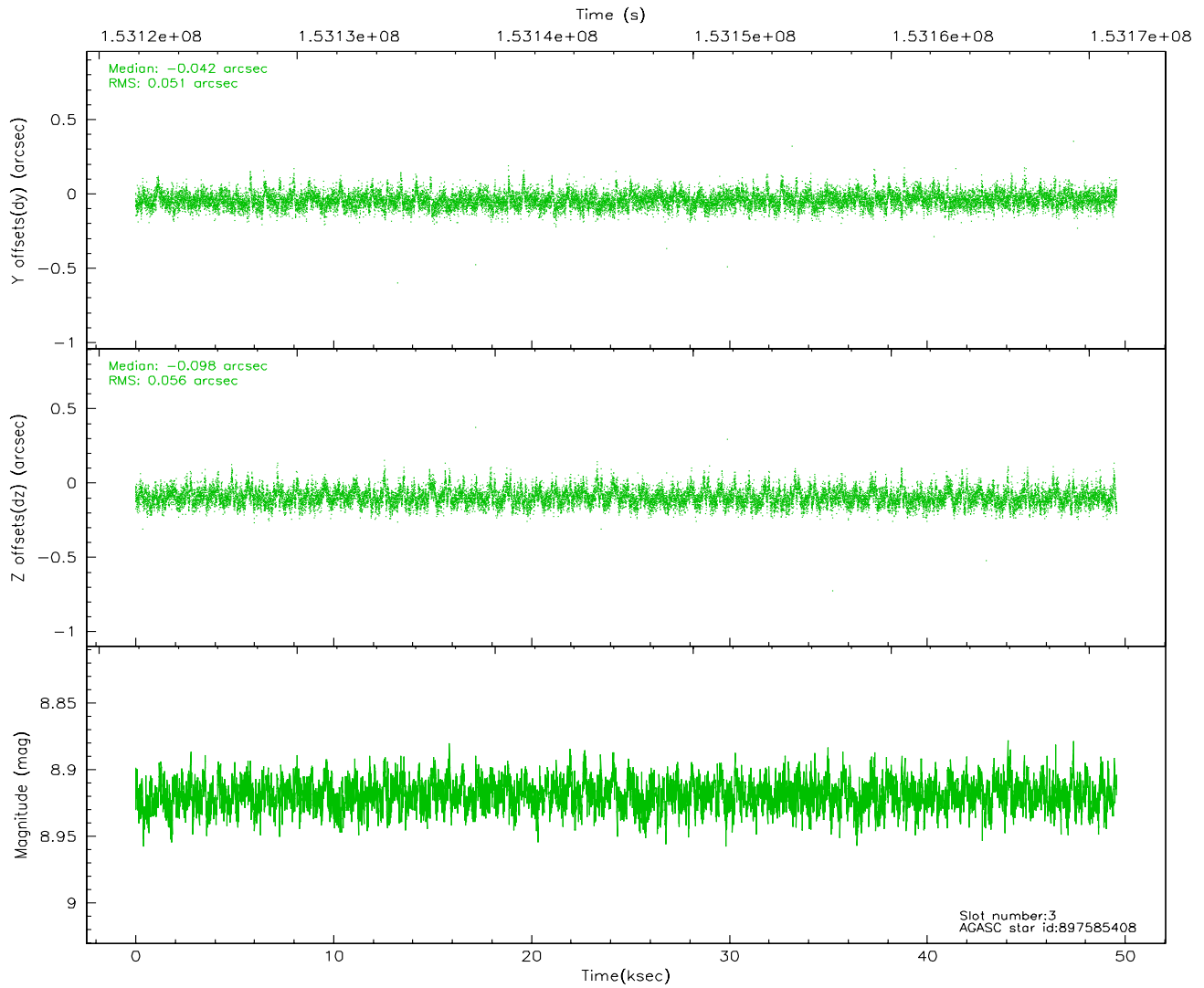
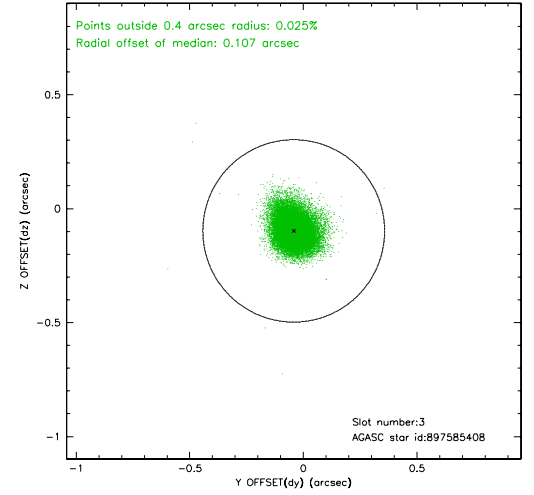
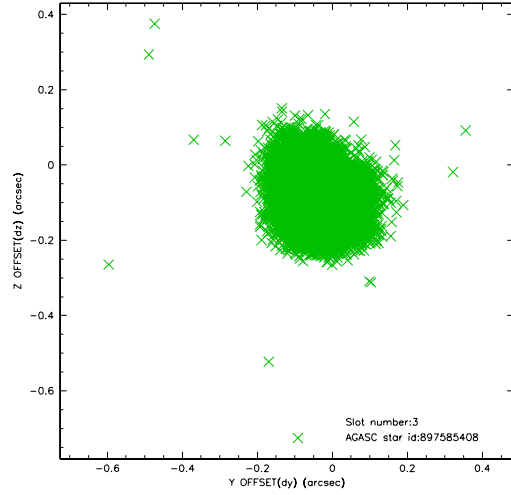


### Slot Statistics

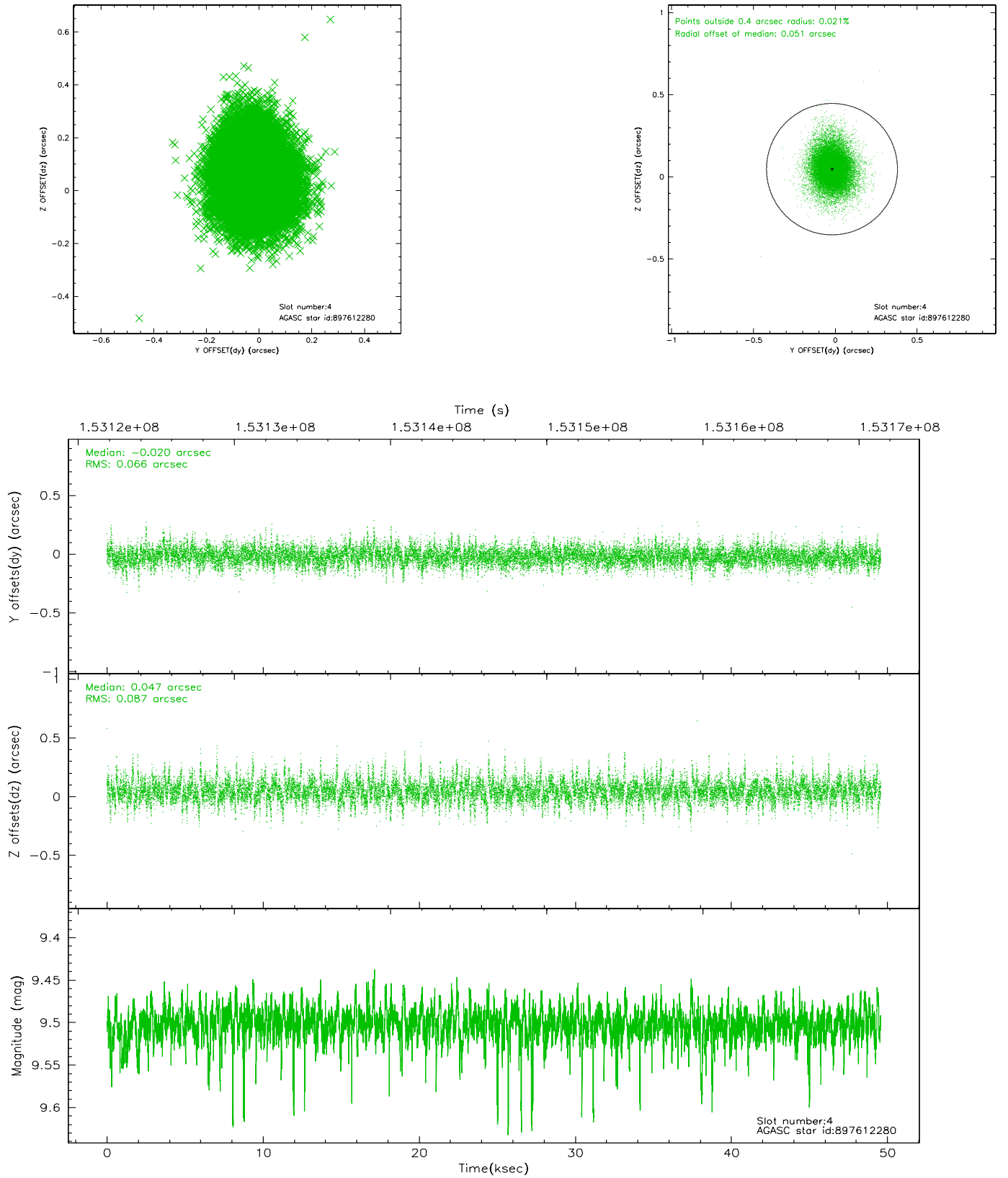
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	12093	0.153	-0.114	0.011	0.020	0.000000	0.000000	-1157.40	-456.76
1	FID	HRC-S-2	7.01	12093	0.080	-0.089	0.006	0.012	0.000000	0.000000	1242.09	-449.41
2	FID	HRC-S-3	7.02	12093	0.157	-0.099	0.011	0.020	0.000000	0.000000	-1160.01	572.74
3	GUIDE	897585408	8.92	24178	-0.042	-0.098	0.077	0.134	276.128475	-24.385394	-1674.08	76.38
4	GUIDE	897612280	9.50	24131	-0.020	0.047	0.111	0.200	275.649912	-25.401358	1953.58	-1554.16
5	GUIDE	897076488	9.44	24143	-0.026	0.097	0.111	0.191	275.884089	-24.287832	-2040.79	-718.23
6	GUIDE	897610120	8.51	24179	0.148	-0.132	0.094	0.156	275.375820	-25.427247	2032.87	-2447.01
7	GUIDE	897581536	8.77	24176	-0.059	0.084	0.080	0.131	276.270189	-24.414428	-1559.88	538.73

## 2.4 Star Slots

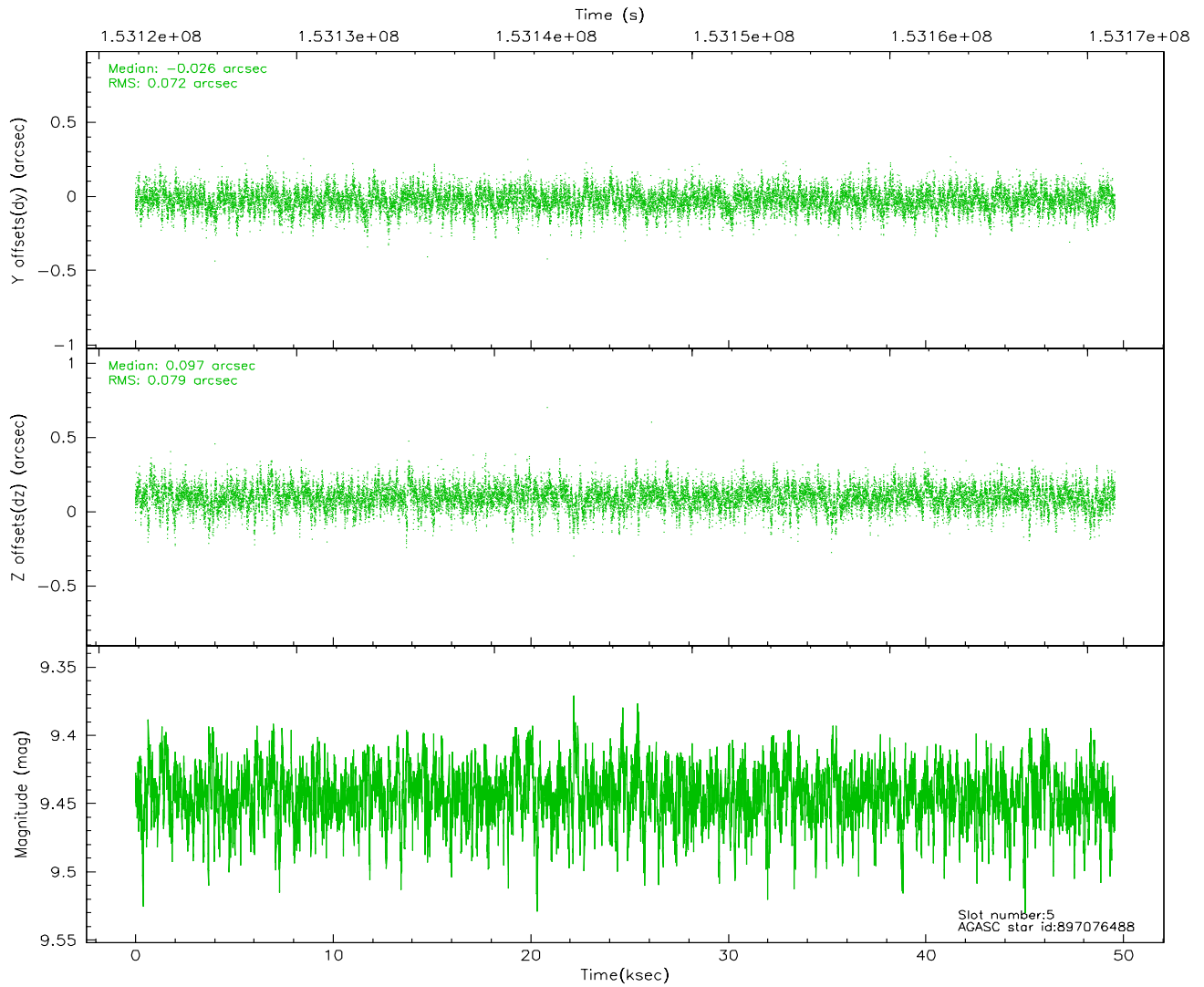
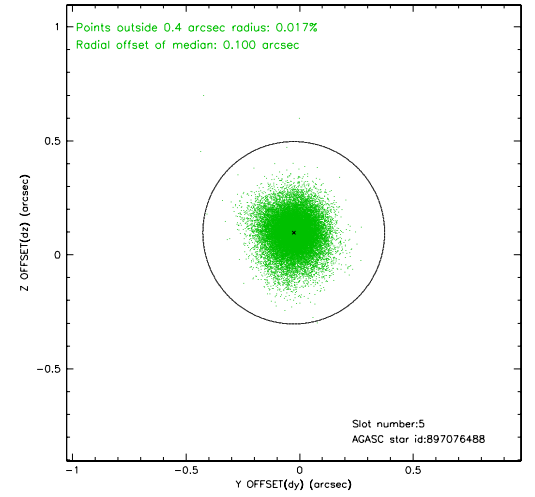
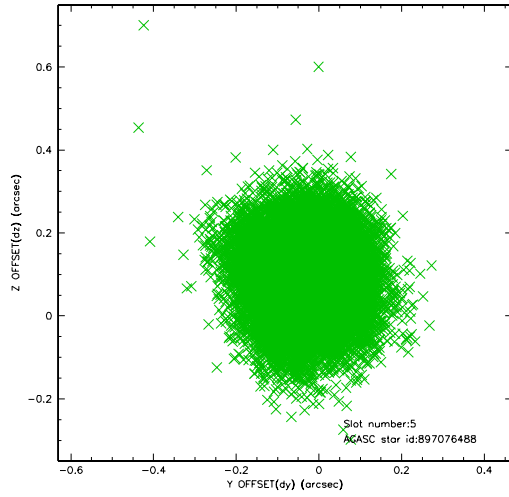
### 2.4.1 Slot 3



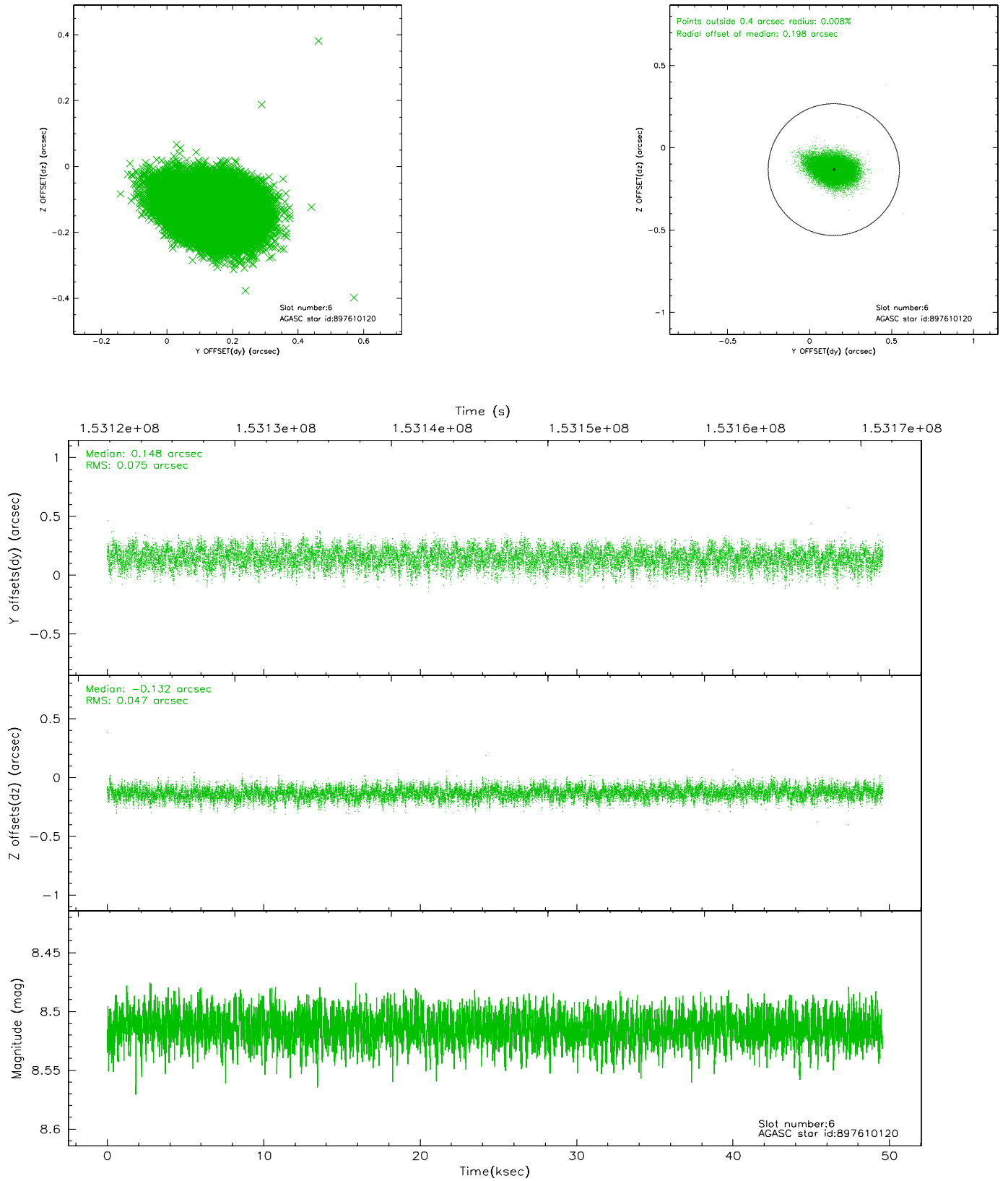
## 2.4.2 Slot 4



### 2.4.3 Slot 5

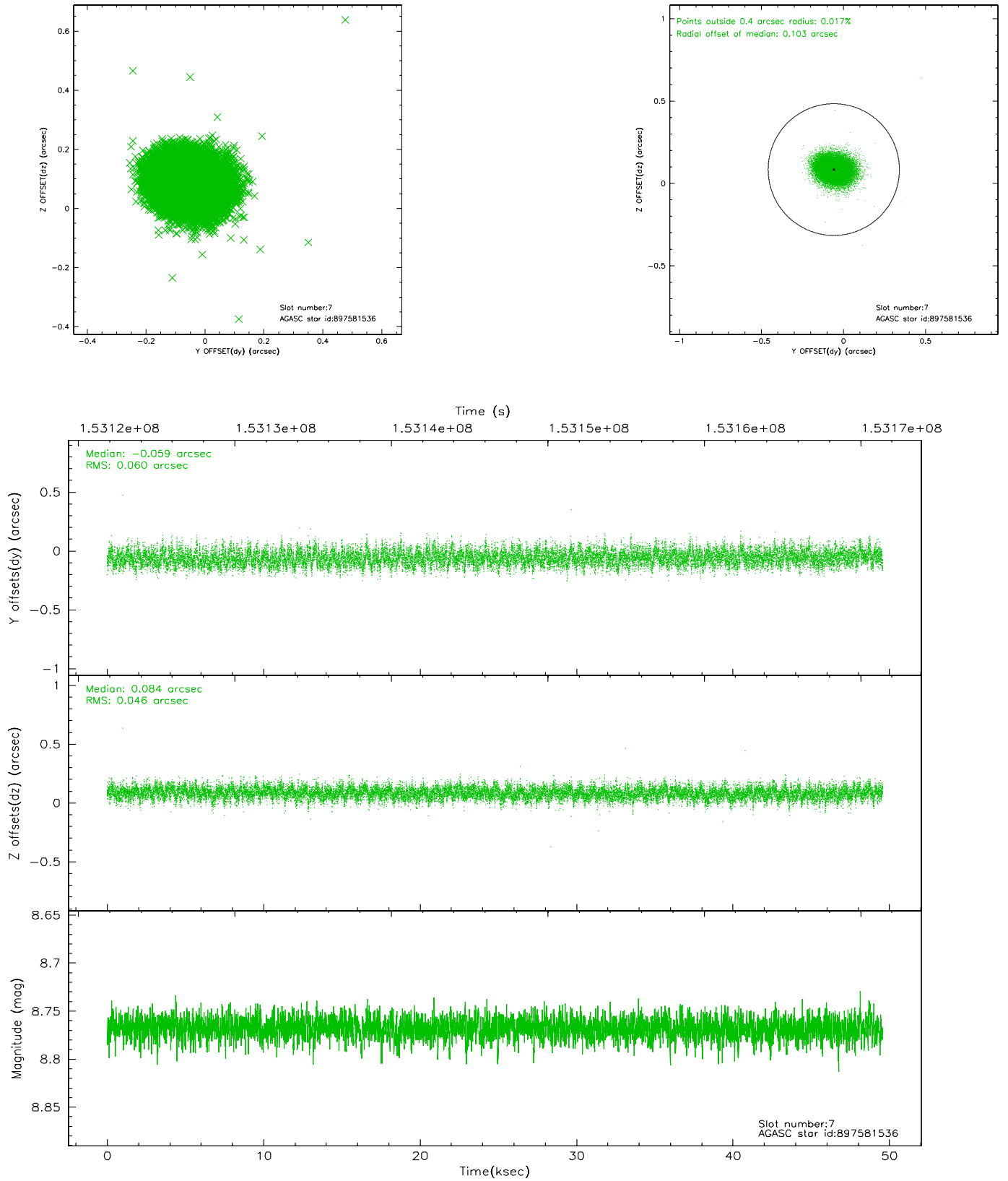


## 2.4.4 Slot 6



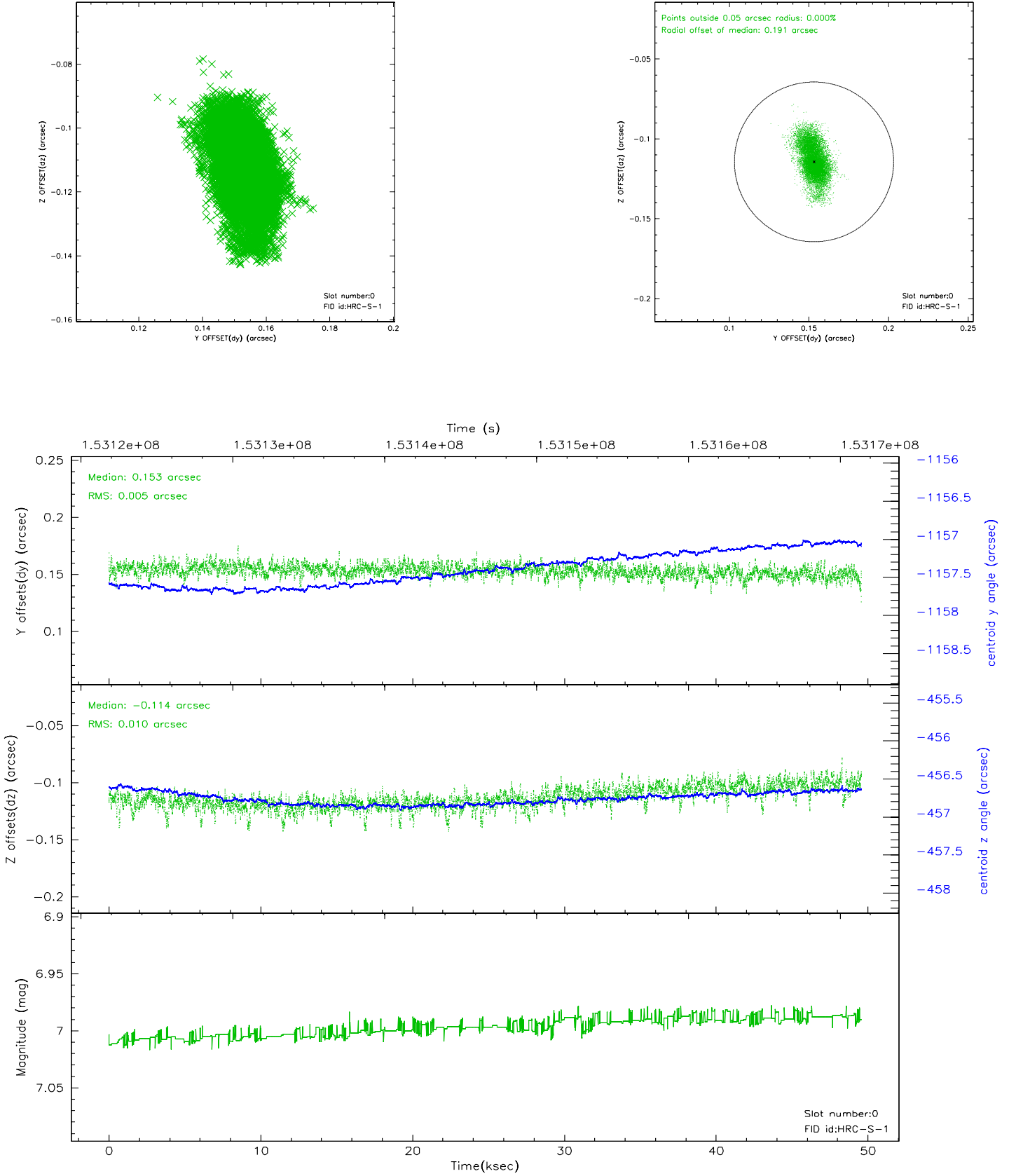


## 2.4.5 Slot 7

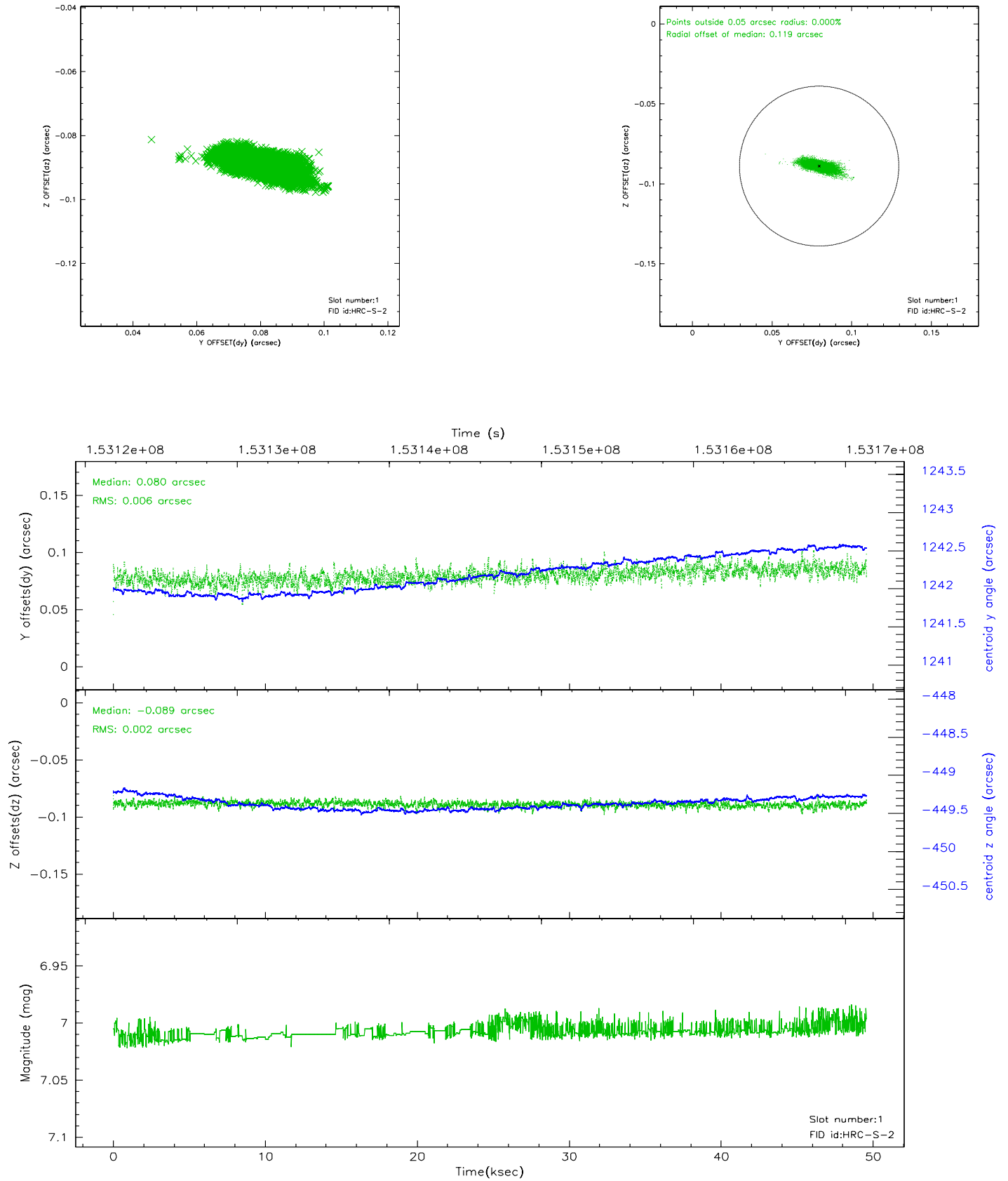


## 2.5 FID Slots

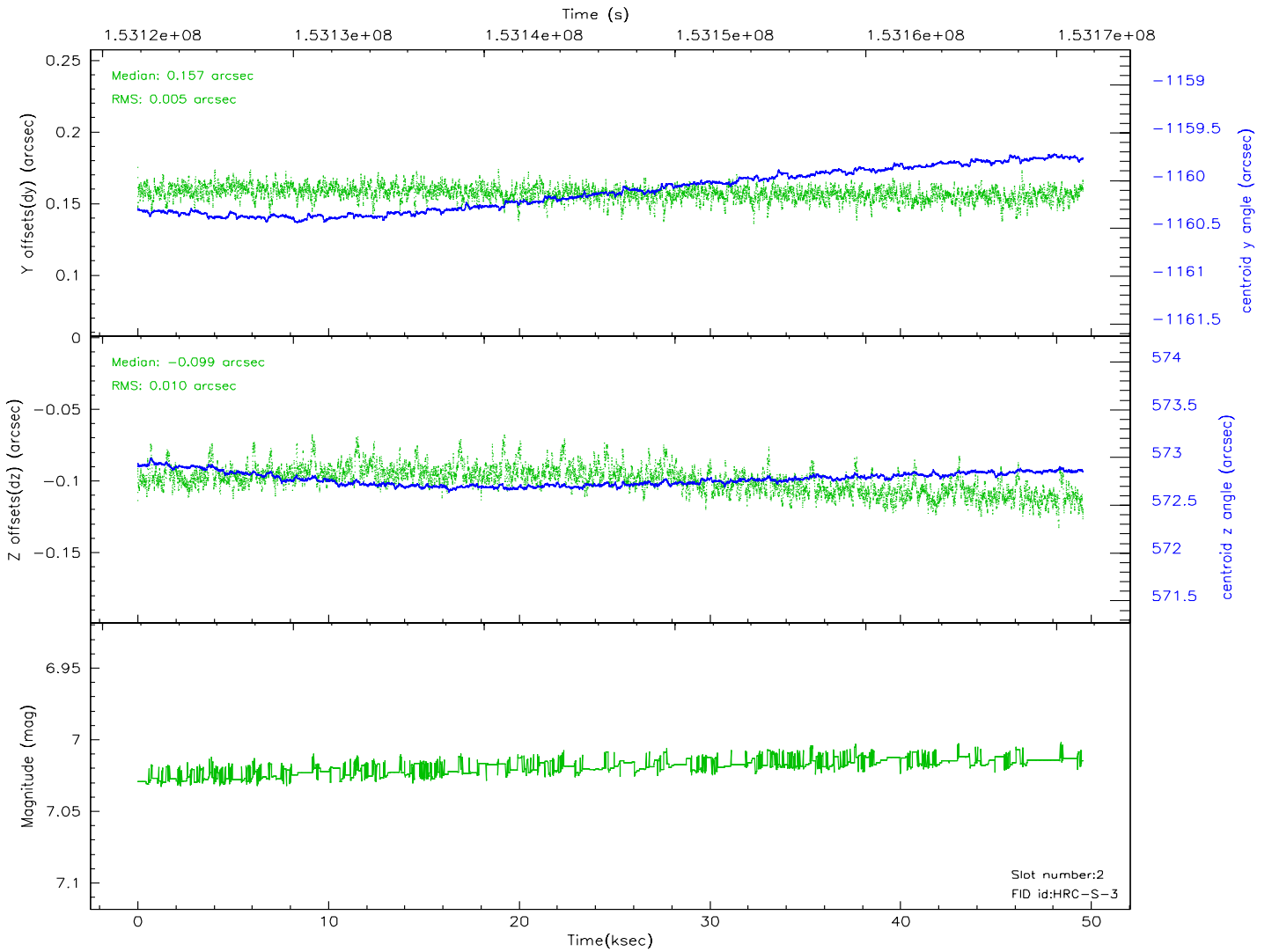
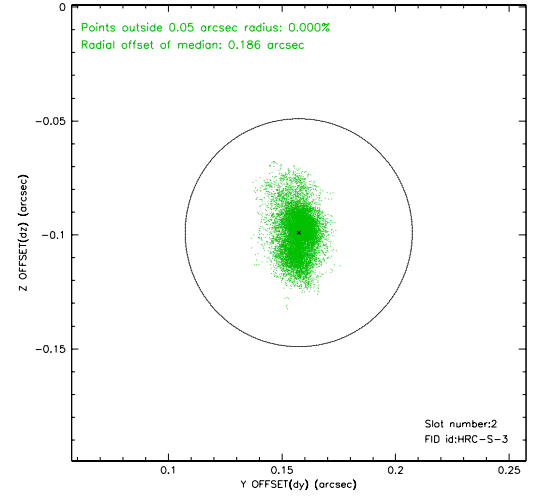
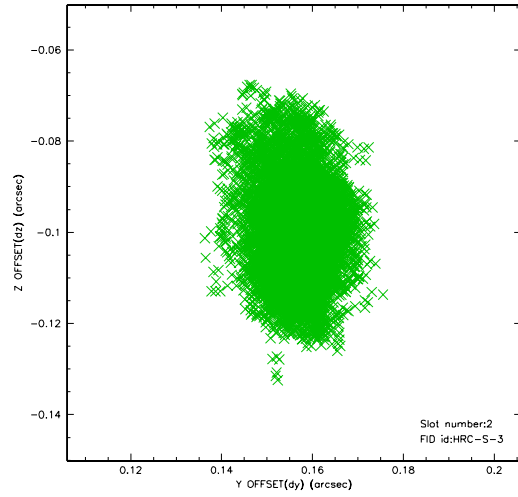
### 2.5.1 Slot 0



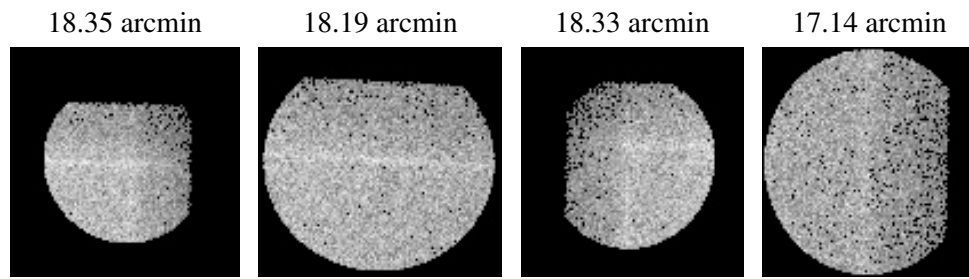
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.374

### A.2 Comments