

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 1977 - L2 Version 001  
Chandra X-Ray Center

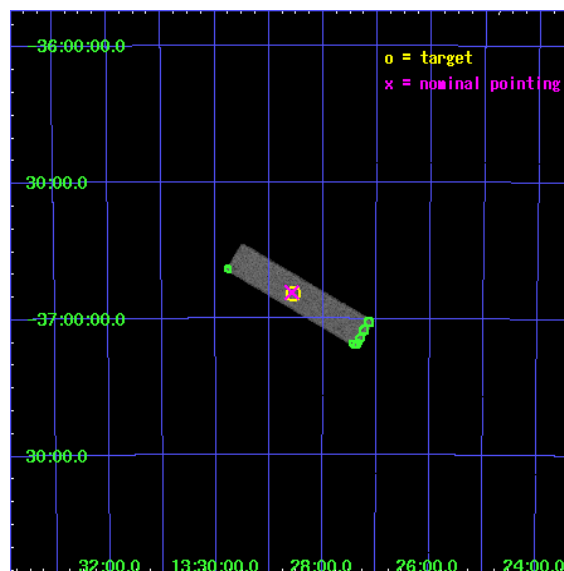
L2 Processing Date : Nov 15 2006

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# 1 Front

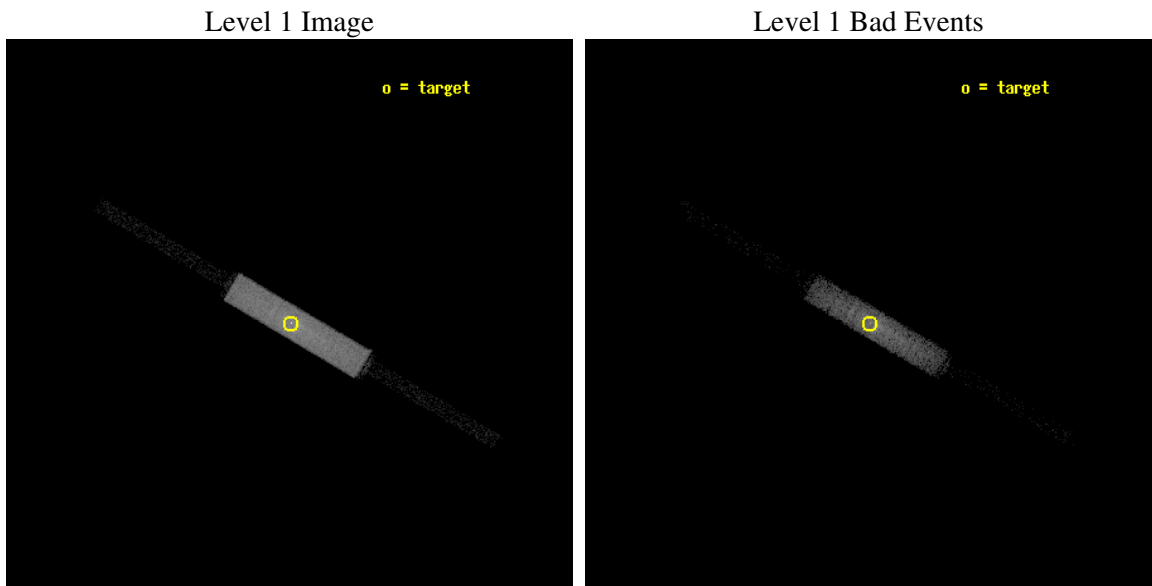
seq_num	500154
obs_id	1977
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS
observer	Prof. Robert Rutledge
object	1RXSJ1328-3654
ra_targ	202.137917
dec_targ	-36.906944
ra_nom	202.14449405688
dec_nom	-36.904578550115
roll_nom	30.371537664766
revision	2
ontime	1291.7563000321
livetime	1287.8600580256
l2events	33434



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



## 2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-11-15T22:48:14
revision	2

sched_exp_time	1150.000000
ontime	1331.475051567
l1events	95005

## 2.1.3 Events

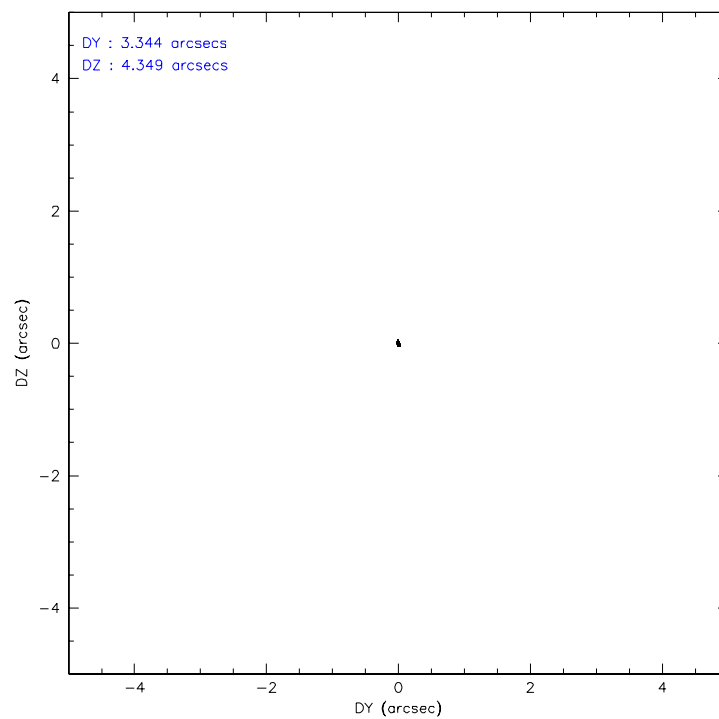
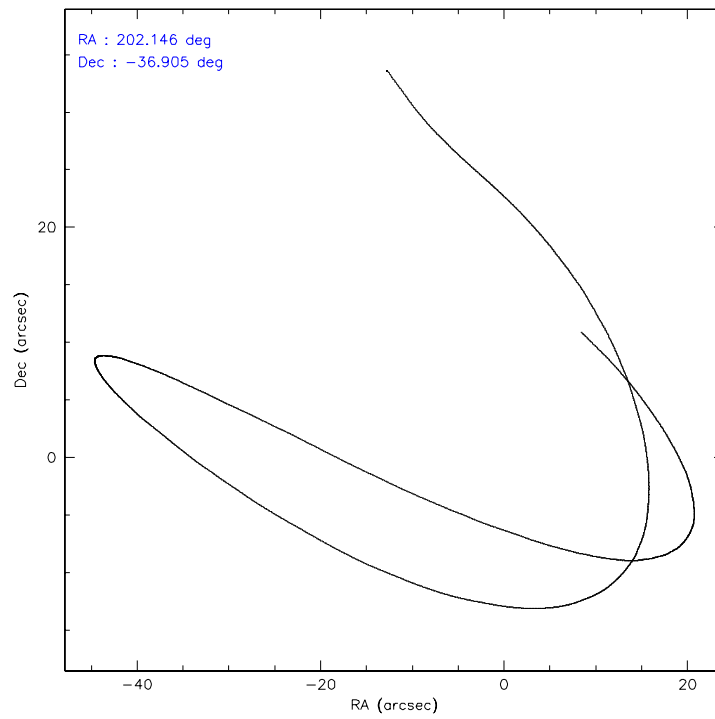
### Level 1 Events

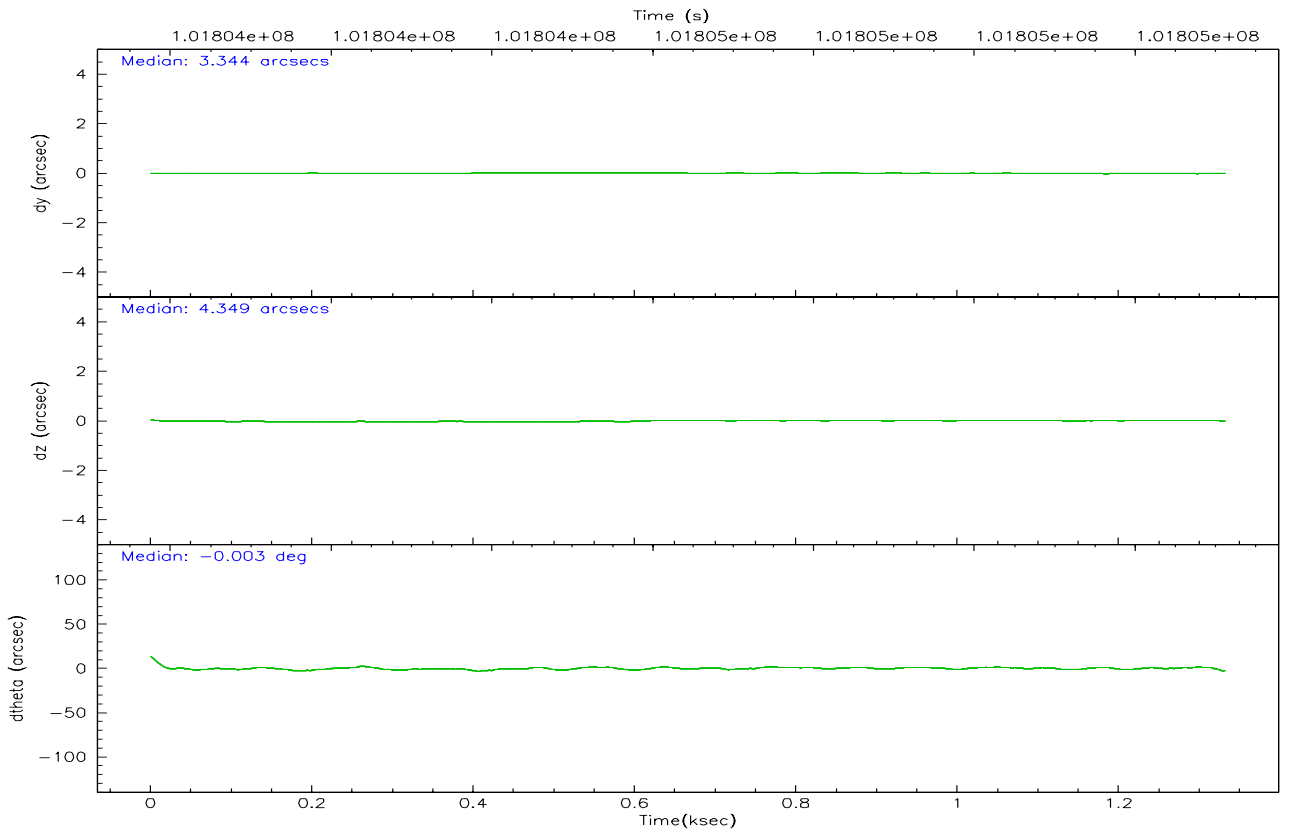
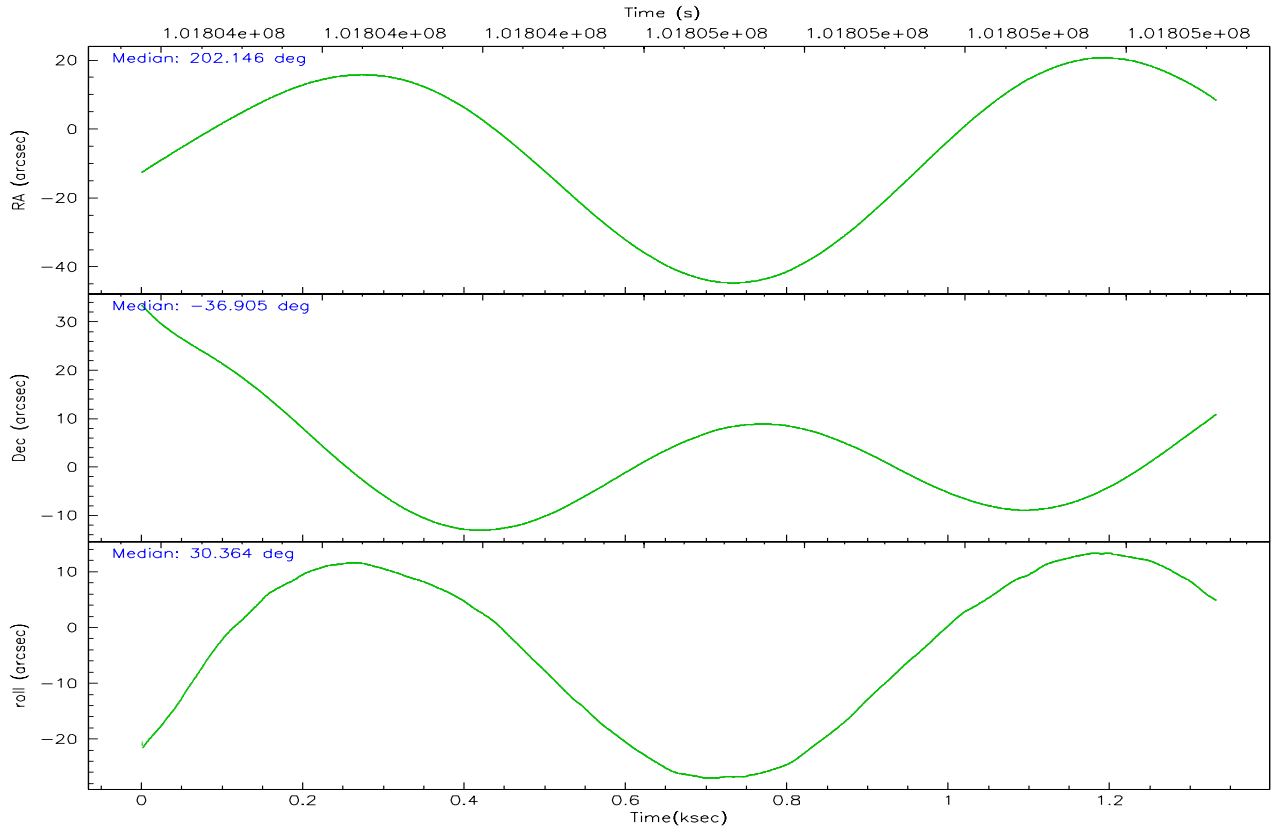
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	1559	91988	1458
rejected events	1556	55739	1458
rejected %	99%	60%	100%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	202.126929	202.1444940568815			
Pointing Dec	-36.930226	-36.9045785501152			
Pointing Roll	30.293714	30.37153766476644			
SIM focus pos (mm)	-1.529586	-1.523540733526241			
SIM defocus (mm)	0.003750771043328743	0.009795905878055677			
SIM translation stage pos (mm)	250.455976	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	101804158.184000	101803219.31267			
Observation start date	2001-03-24T06:54:54	2001-03-24T06:40:19			
Observation end time	101805308.184000	101806061.12528			
Observation end date	2001-03-24T07:14:04	2001-03-24T07:27:41			

## 2.3 Aspect



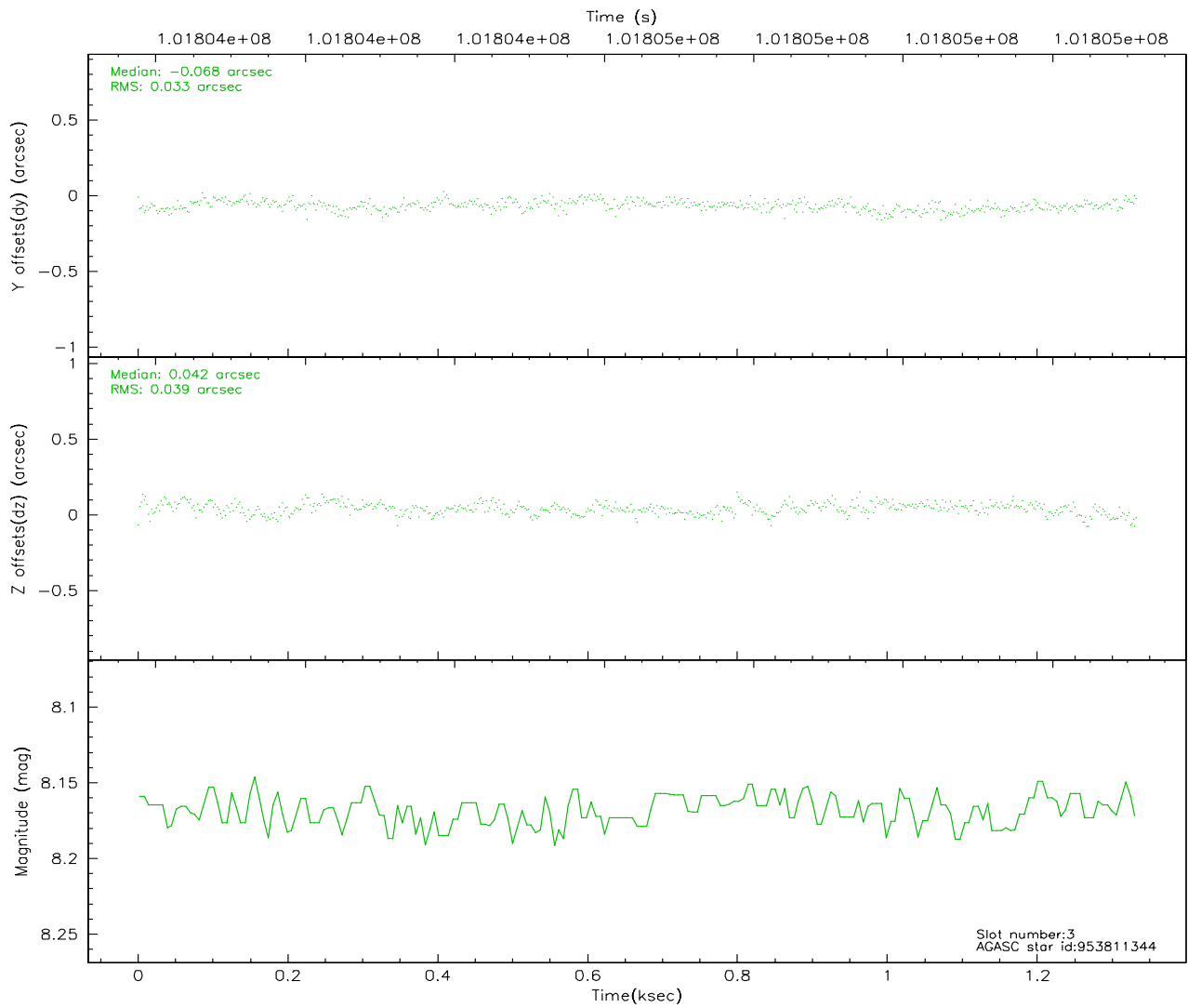
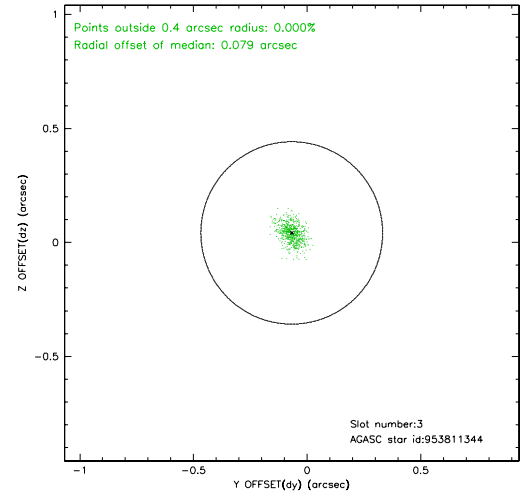
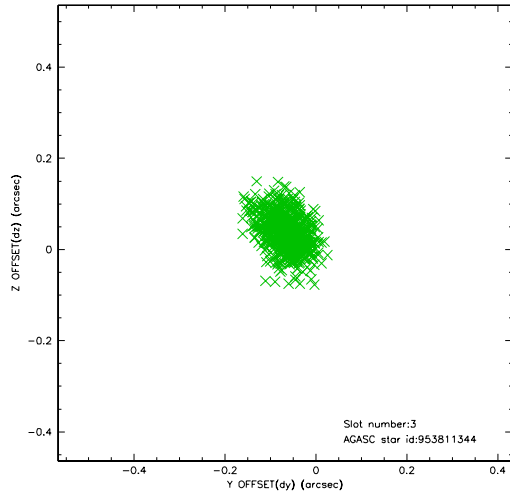


### Slot Statistics

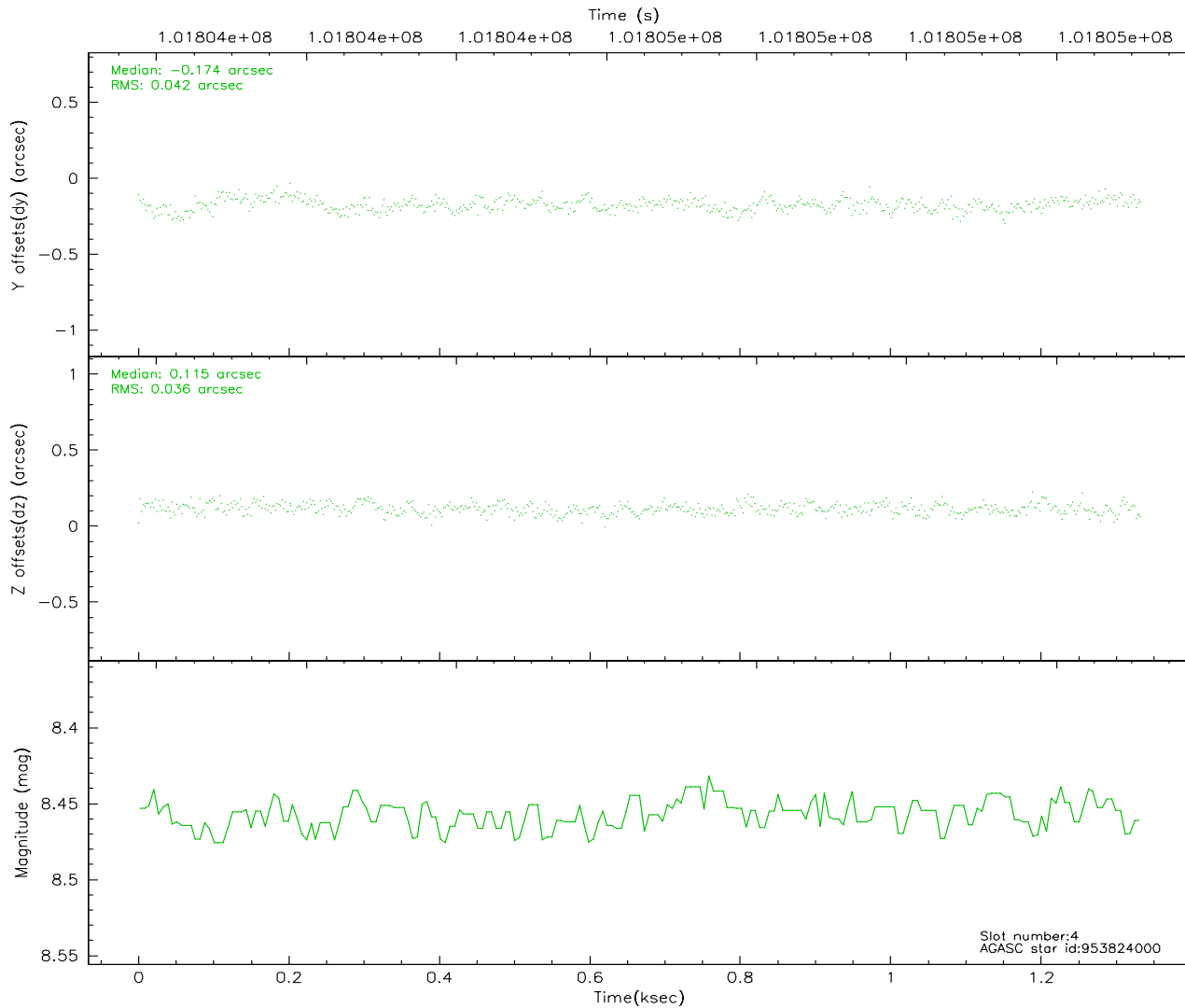
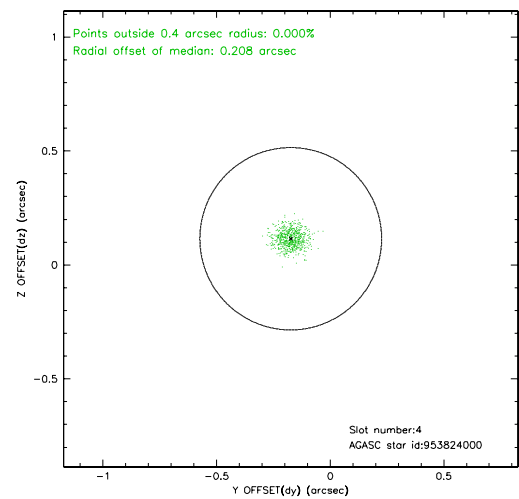
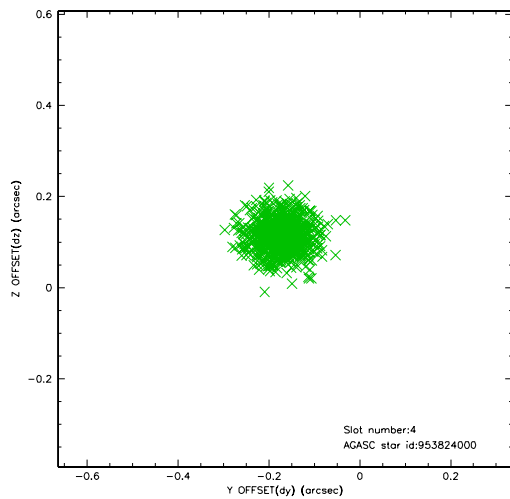
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	325	0.135	-0.134	0.007	0.010	0.000000	0.000000	-1157.40	-452.75
1	FID	HRC-S-3	7.00	325	0.135	-0.060	0.008	0.013	0.000000	0.000000	-1163.67	575.45
2	FID	HRC-S-4	6.93	325	0.117	-0.103	0.004	0.008	0.000000	0.000000	1237.25	581.10
3	GUIDE	953811344	8.17	651	-0.068	0.042	0.055	0.090	202.585954	-36.915917	1161.94	-623.55
4	GUIDE	953824000	8.46	651	-0.174	0.115	0.059	0.091	202.810763	-36.686857	2141.35	-245.00
5	GUIDE	953686896	8.99	651	0.163	-0.054	0.074	0.123	201.812062	-36.628347	-238.03	1396.44
6	GUIDE	1020657872	8.93	651	0.006	0.200	0.090	0.144	202.398207	-37.559947	-479.00	-2345.67
7	GUIDE	953685968	9.24	650	0.065	-0.286	0.097	0.156	201.497729	-36.547321	-883.17	2099.94

## 2.4 Star Slots

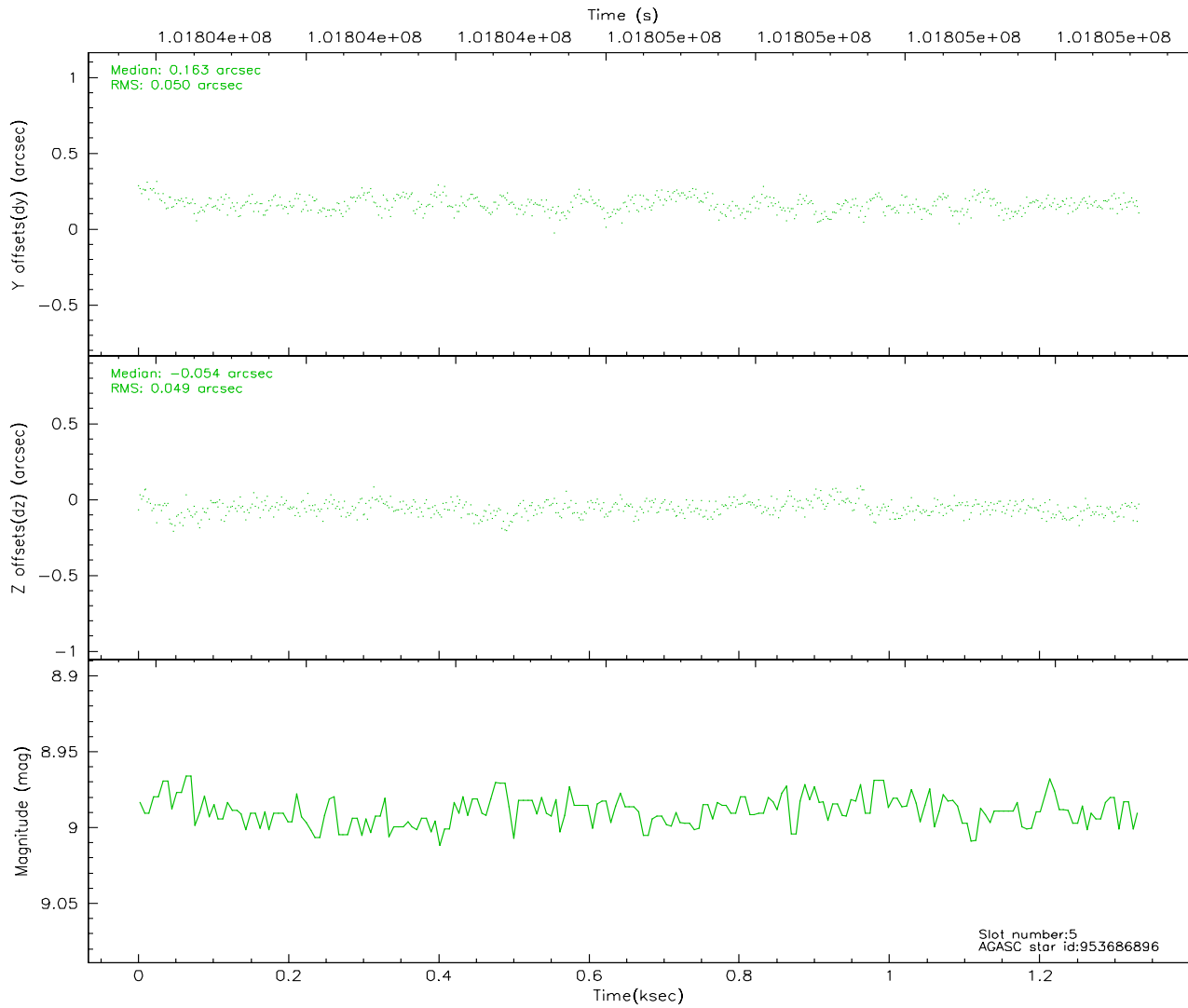
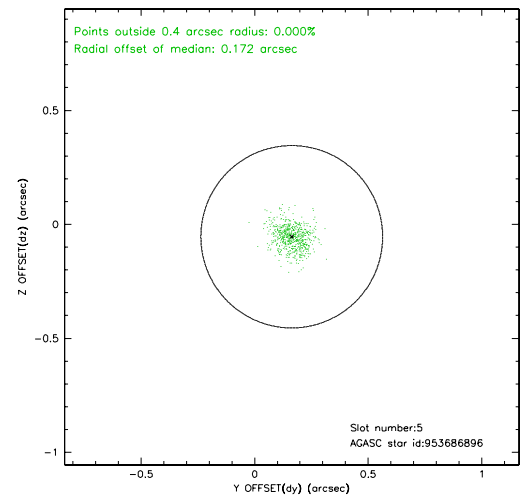
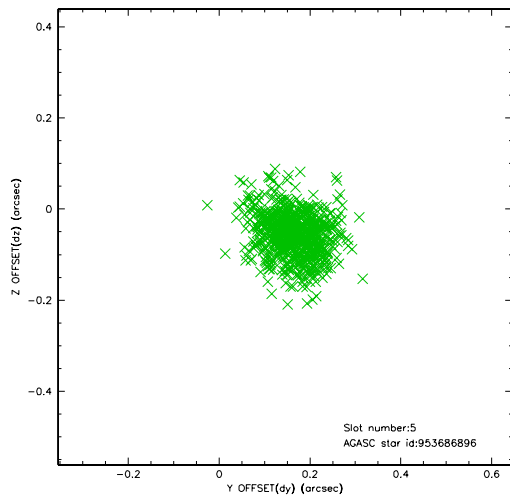
### 2.4.1 Slot 3



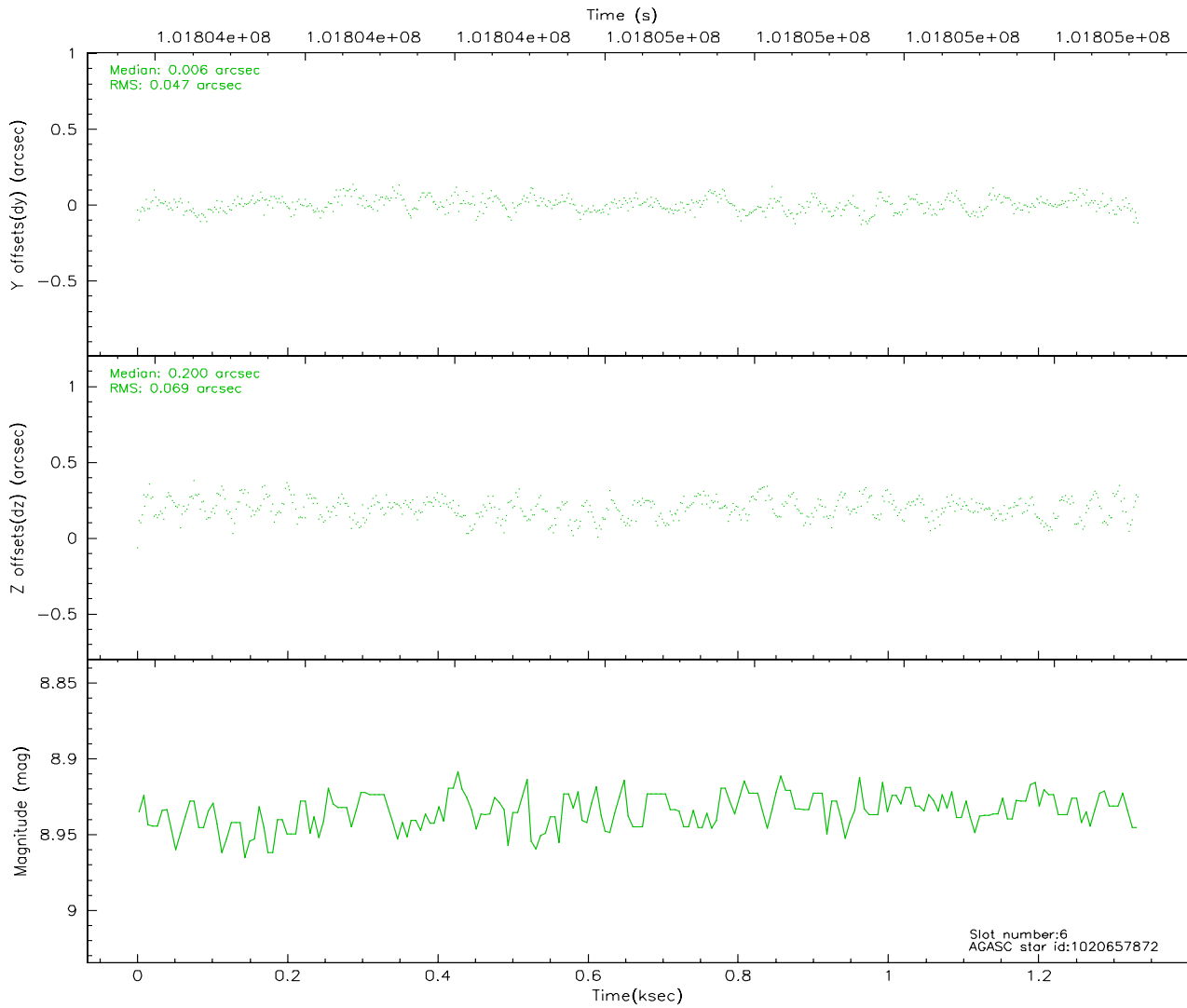
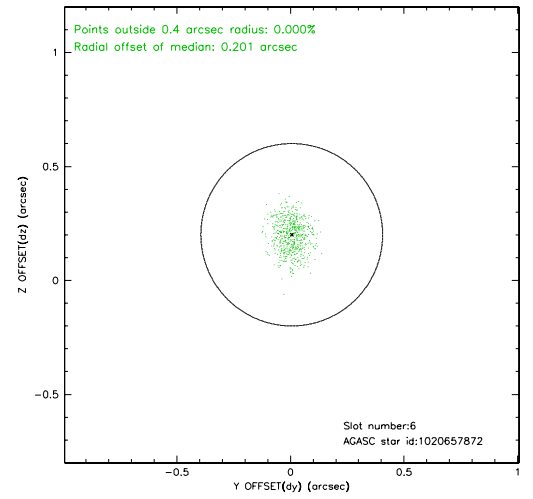
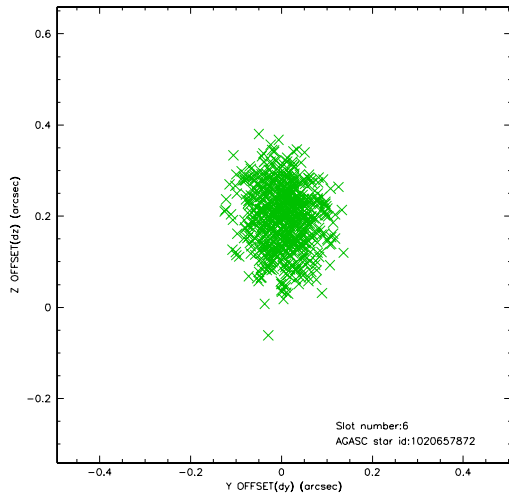
## 2.4.2 Slot 4



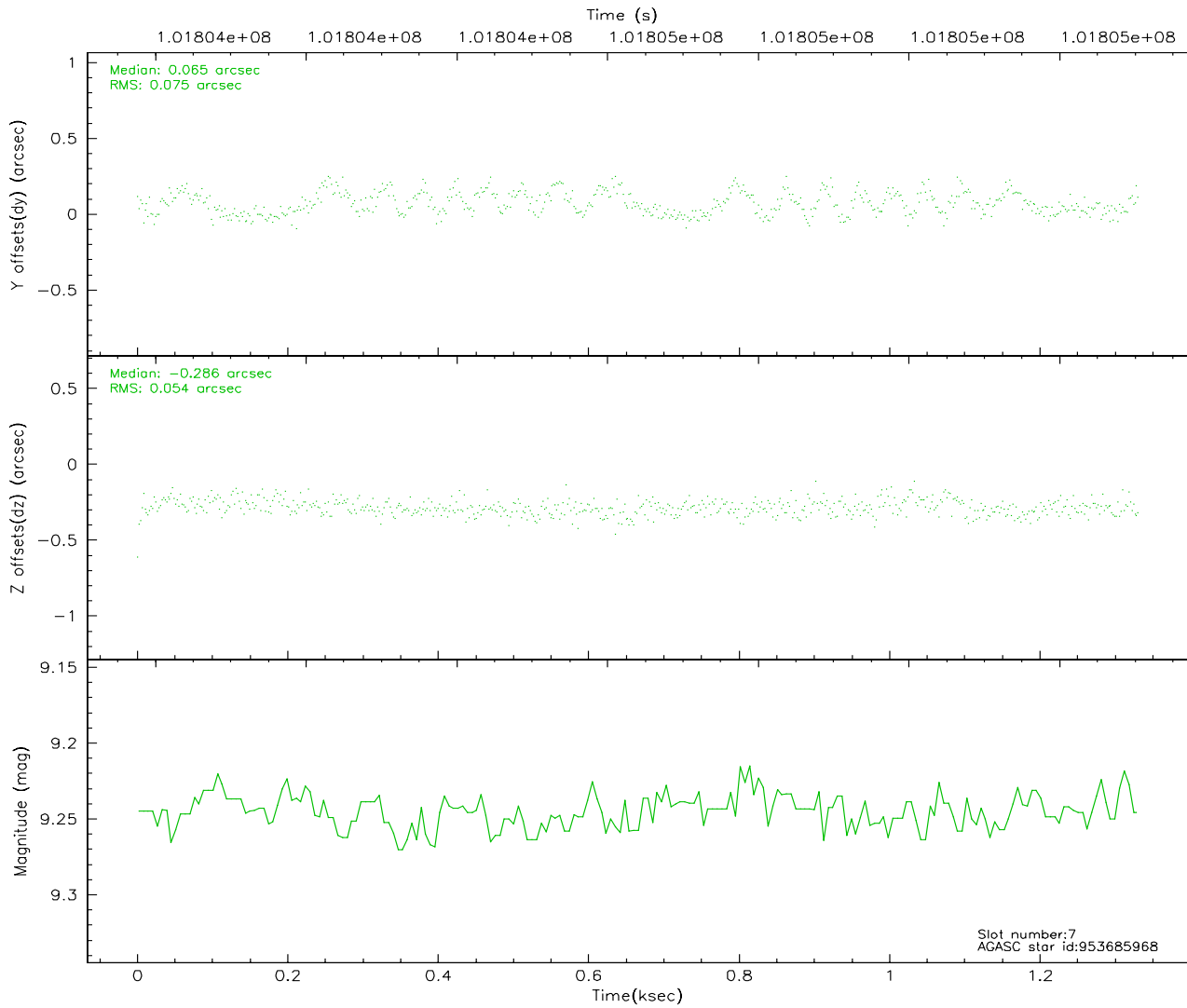
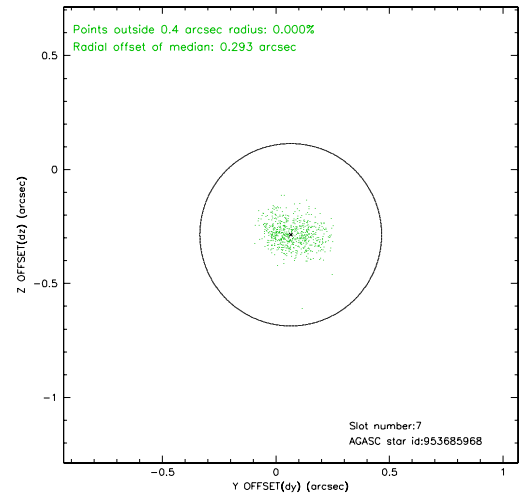
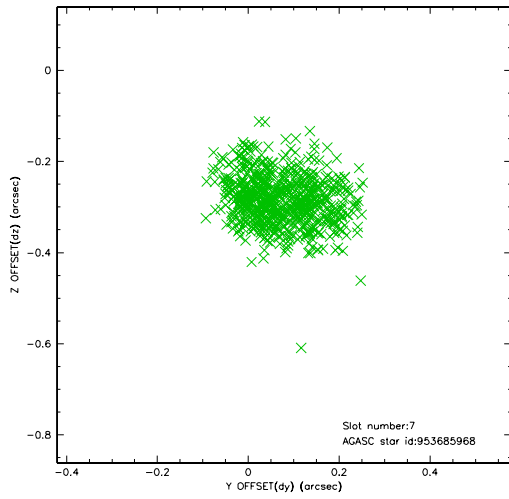
### 2.4.3 Slot 5



### 2.4.4 Slot 6

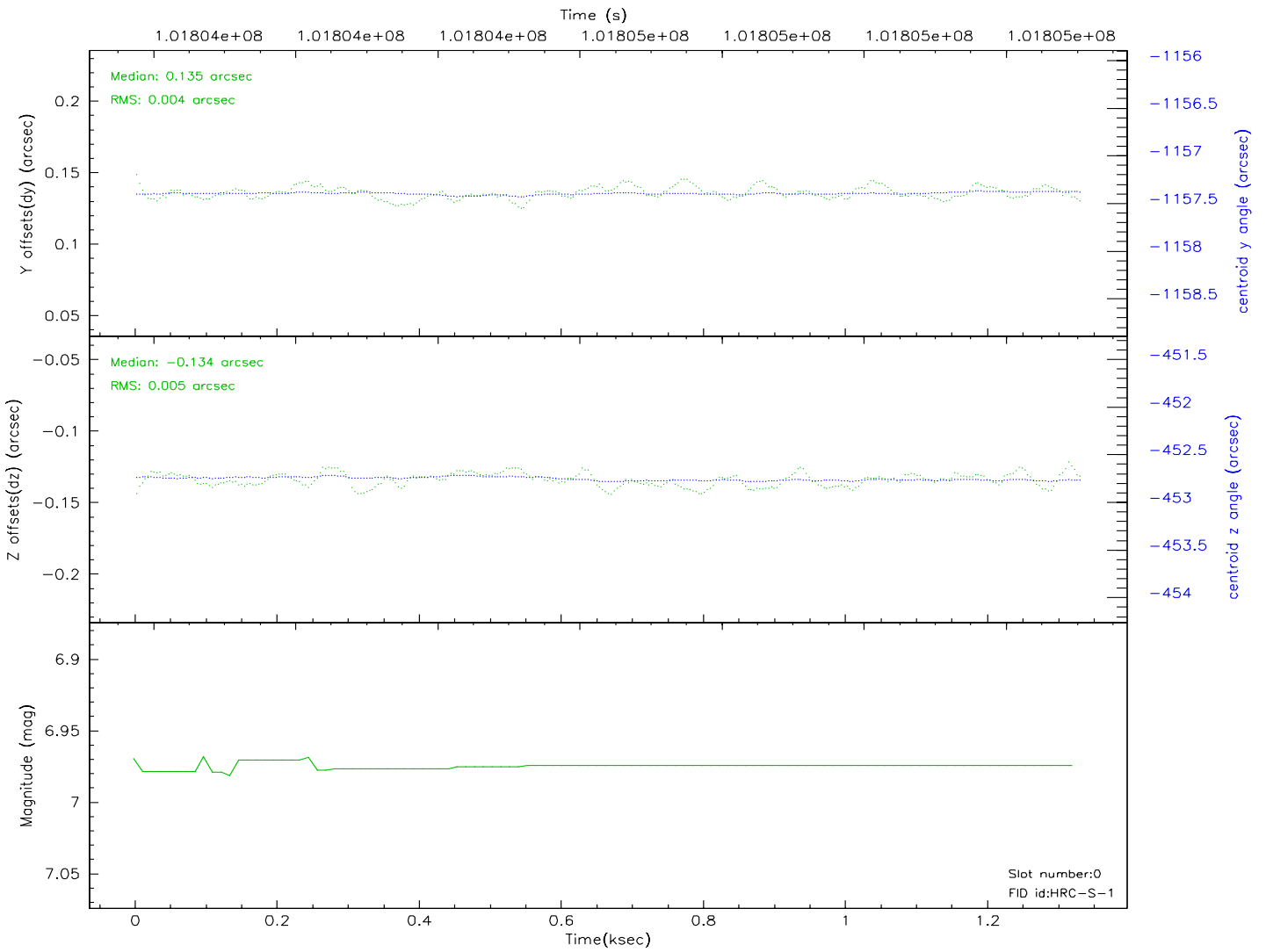
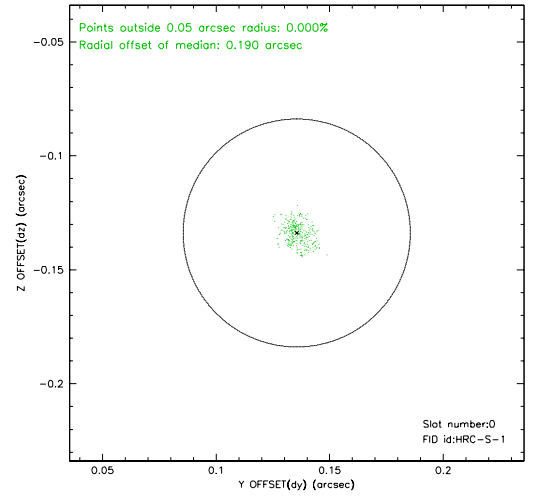
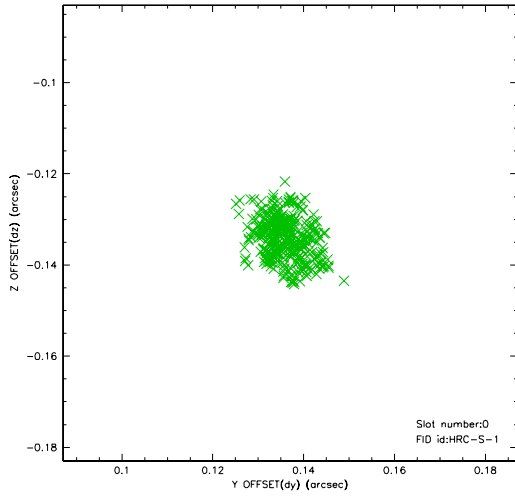


### 2.4.5 Slot 7

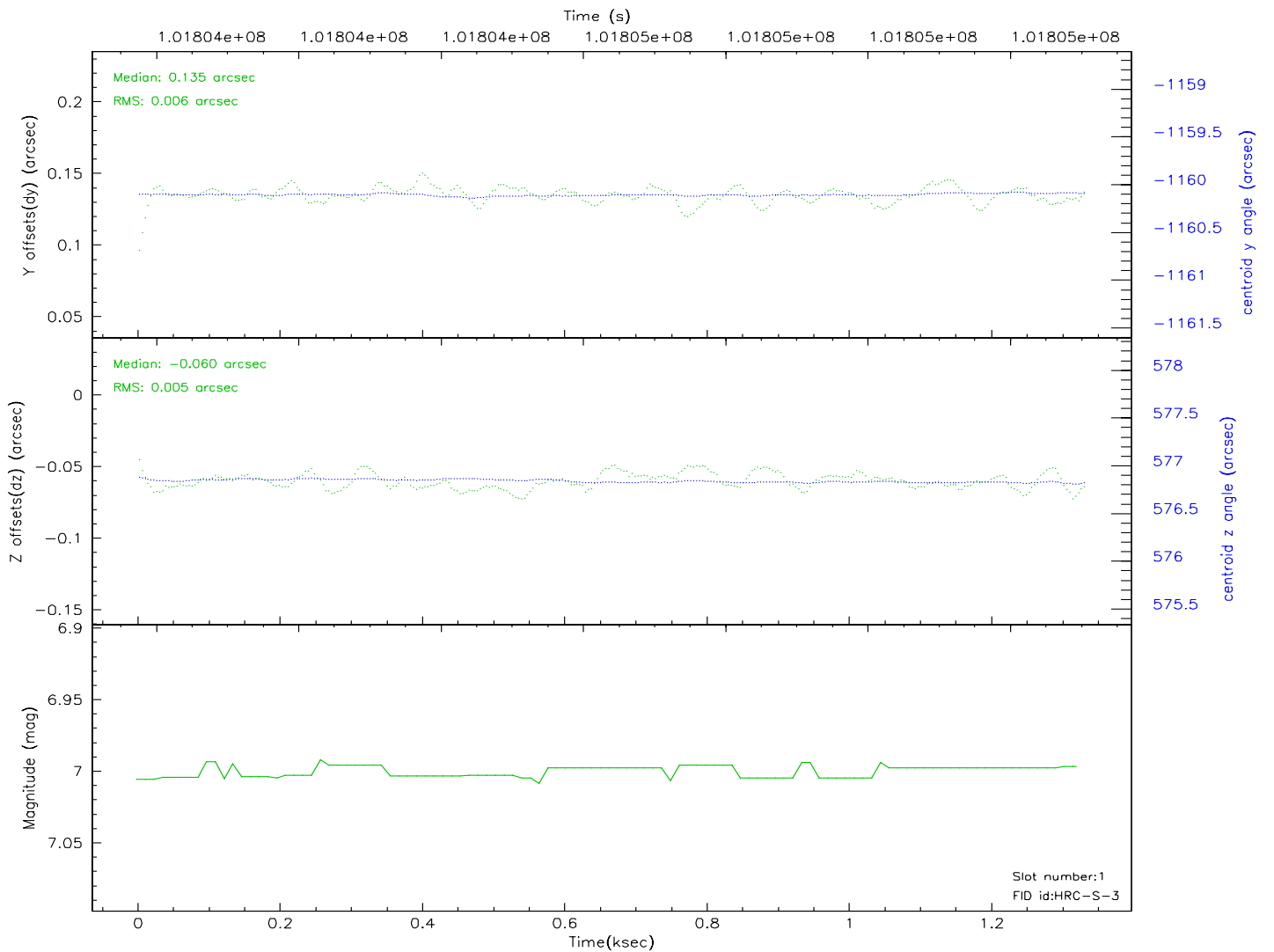
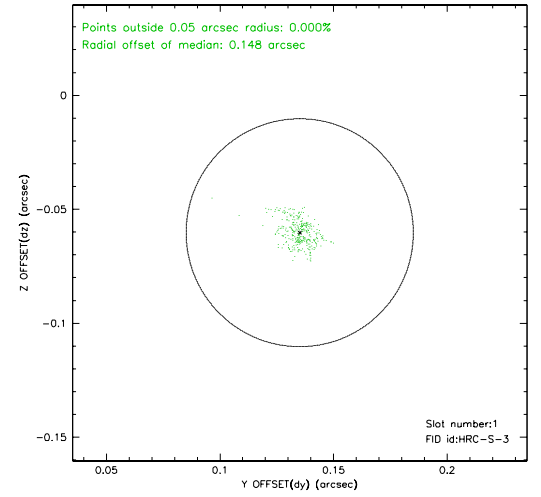
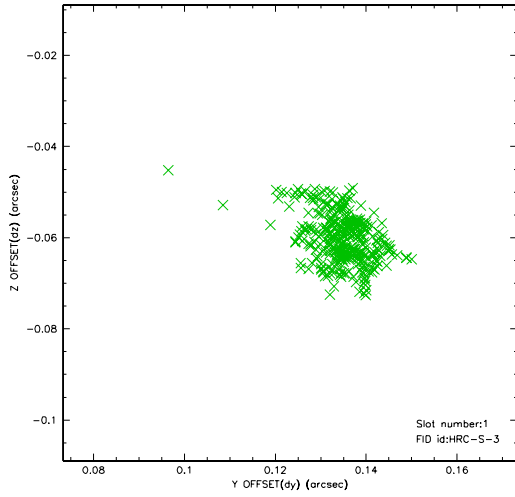


## 2.5 FID Slots

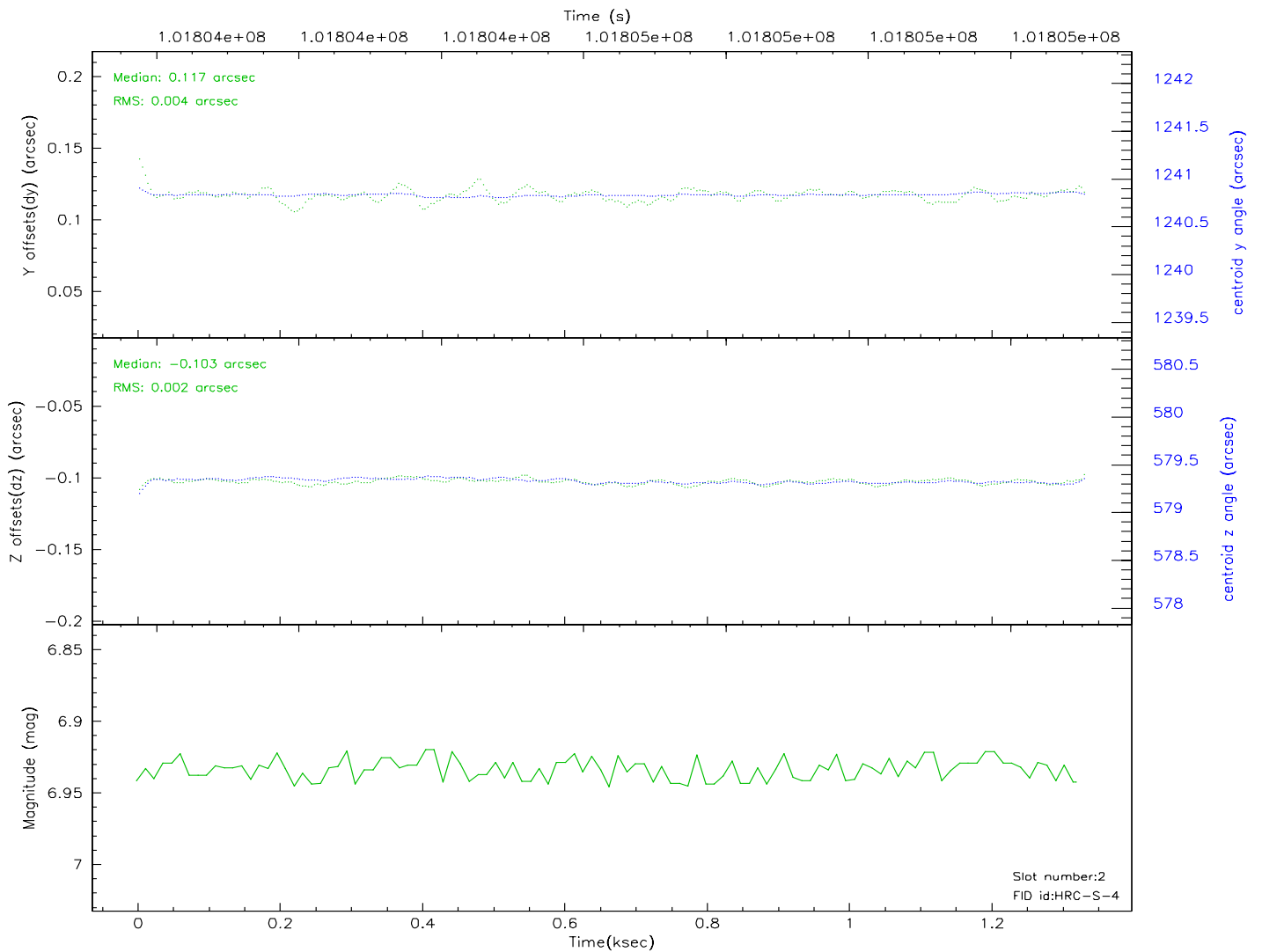
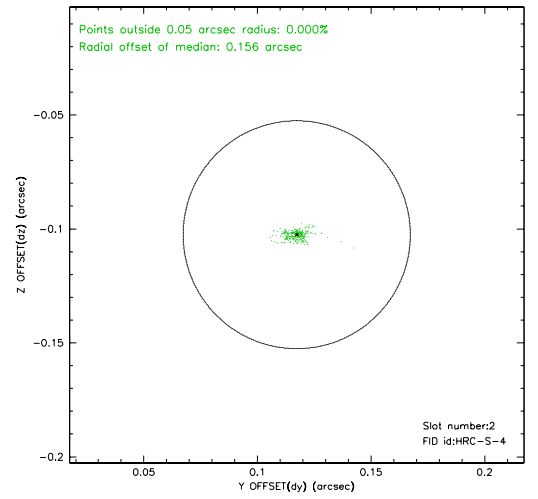
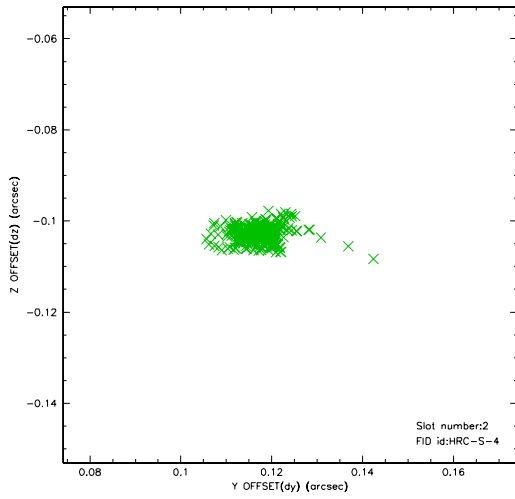
### 2.5.1 Slot 0



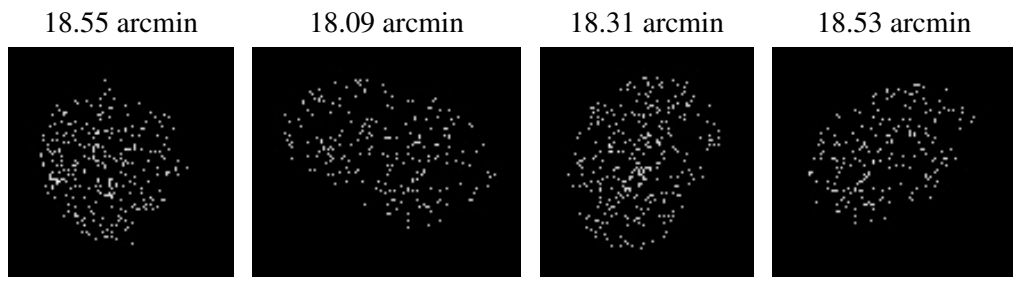
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.329

## A.2 Comments