

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 263 - L2 Version 5  
Chandra X-Ray Center

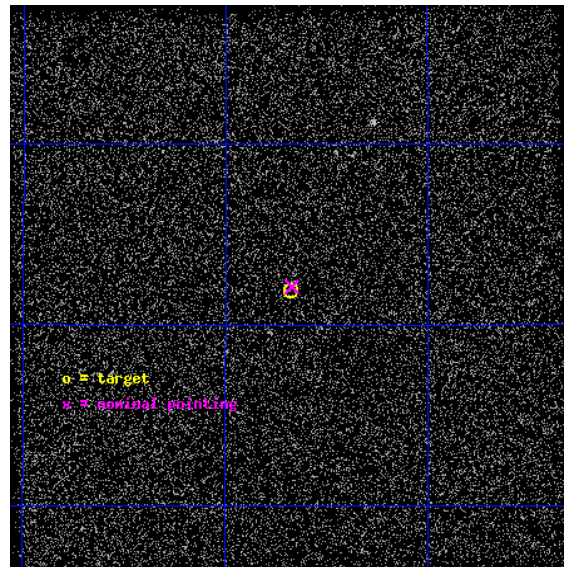
L2 Processing Date : Aug 31 2012

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# 1 Front

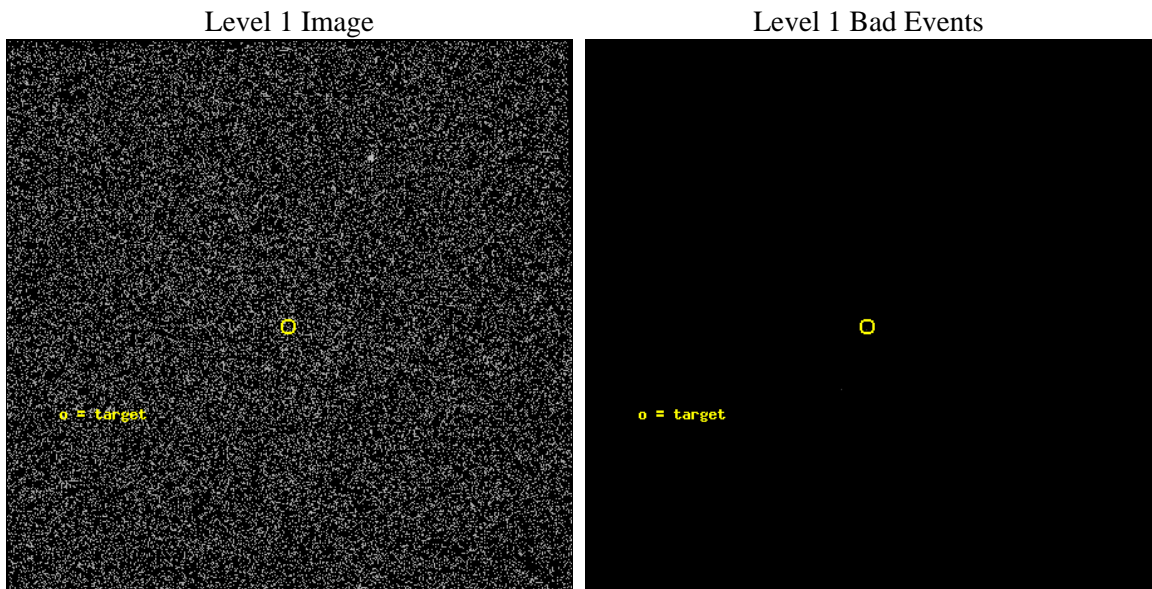
seq_num	600023	Sequence number
obs_id	263	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 1	Source name
ra_targ	10.67	Observer's specified target RA [deg]
dec_targ	40.865	Observer's specified target Dec [deg]
ra_nom	10.667961954867	Nominal RA [deg]
dec_nom	40.868747100472	Nominal Dec [deg]
roll_nom	133.88146060495	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1190.2812946141	[s]
livetime	1184.211968073	Ontime multiplied by DTCOR
l2events	35558	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	1190.2812946141	[s]
caldbver	4.5.1.1	&#160	l1events	53237	Number of level 1 events
date	2012-09-01T01:52:55	Date and time of file creation			
revision	5	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

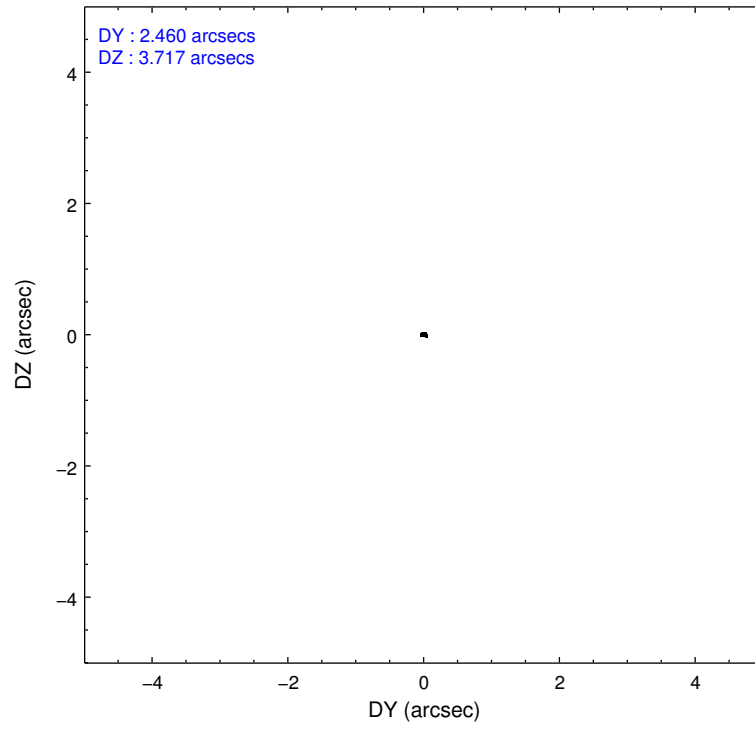
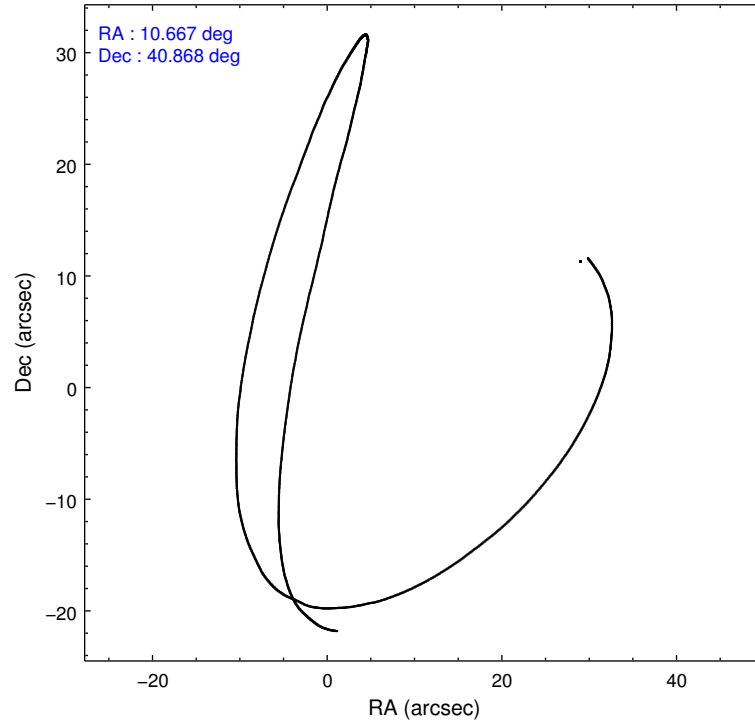
	<b>segment 0</b>
level 1 events	53237
rejected events	1773
rejected %	3%

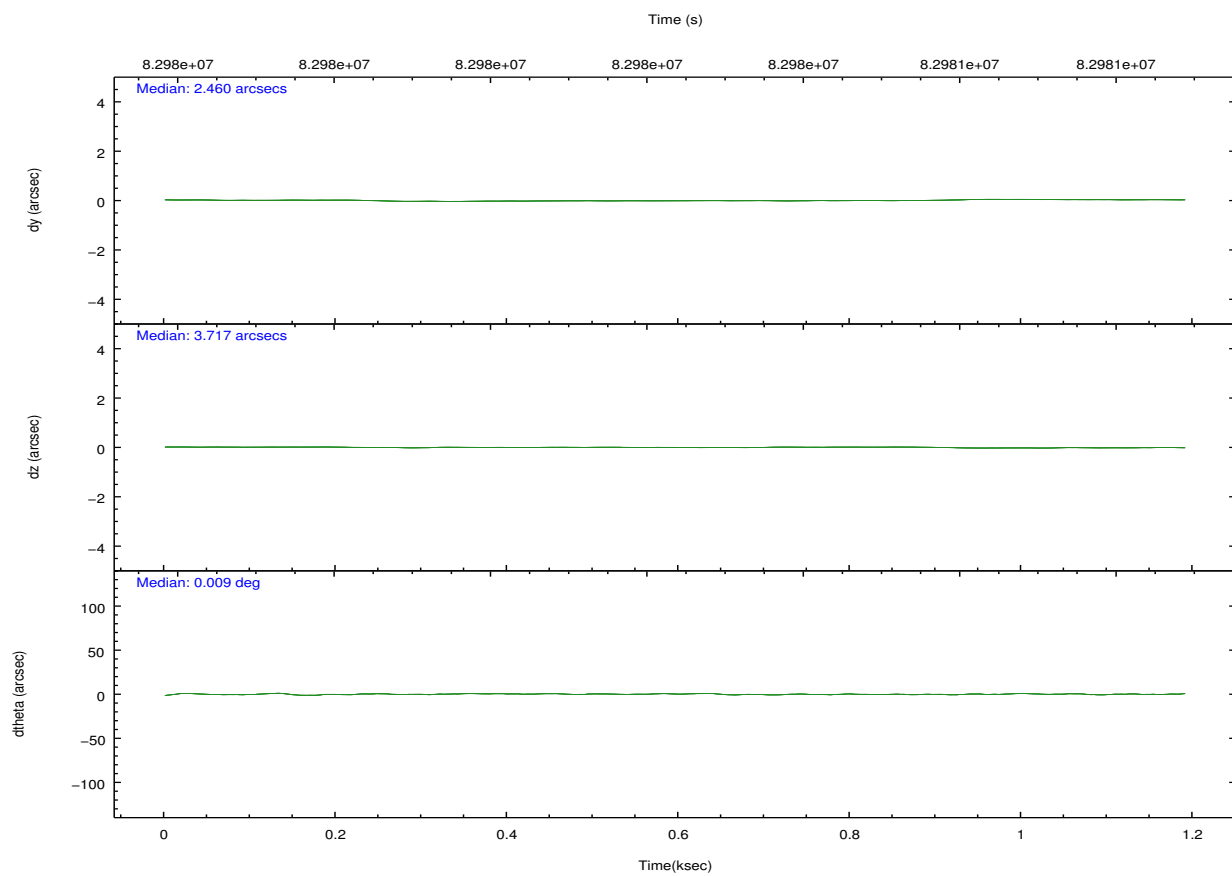
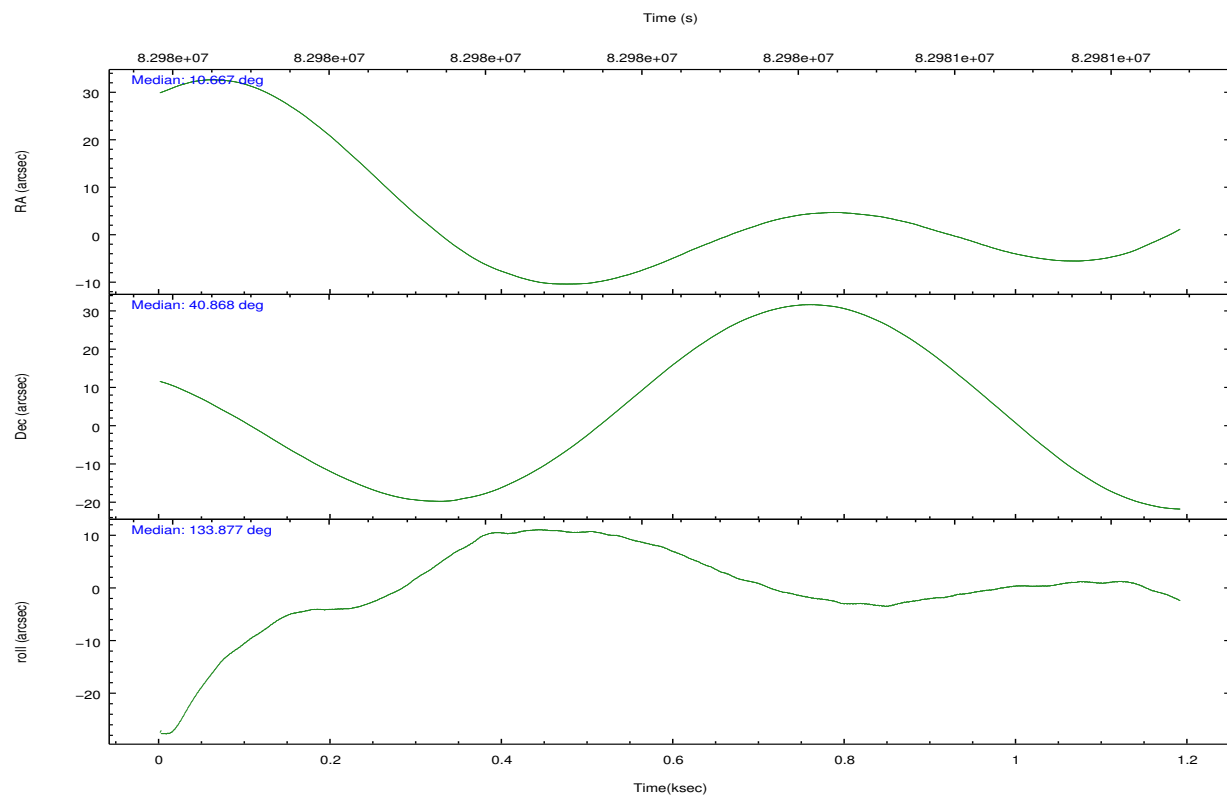
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	10.702654	10.66796195486656
[deg] Pointing Dec	40.861955	40.86874710047231
[deg] Pointing Roll	133.954235	133.881460604949
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	82979833.184000	82979456.95755599
Observation start date	2000-08-18T09:56:09	2000-08-18T09:50:56
[s] Observation end time (MET)	82980833.184000	82980966.782612
Observation end date	2000-08-18T10:12:49	2000-08-18T10:16:06

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

## 2.3 Aspect





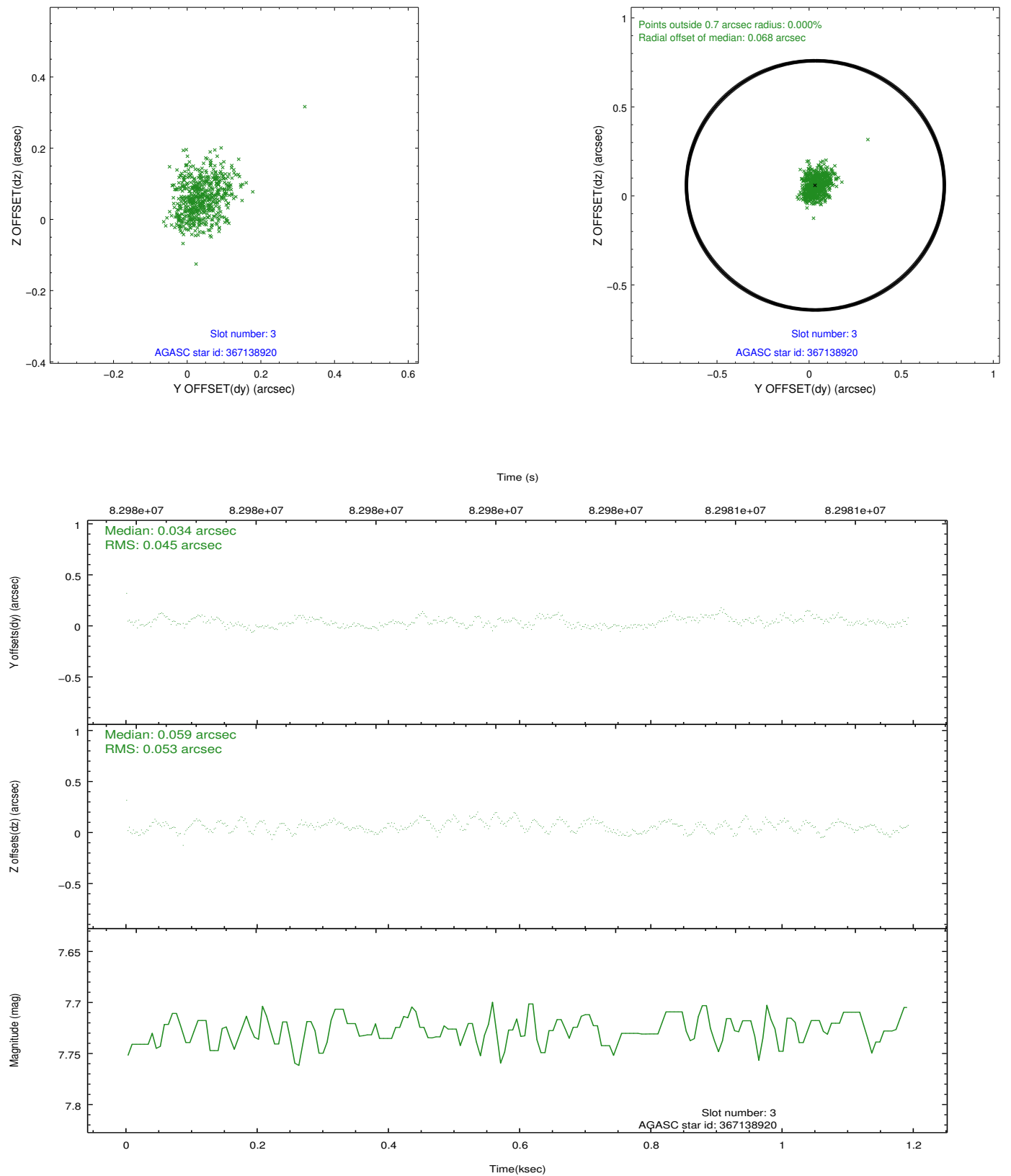
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.063	0.045	0.006	0.010	0.000000	0.000000	-757.88	-1291.46
1	FID	HRC-I-3	7.04	291	0.025	-0.066	0.007	0.011	0.000000	0.000000	-1188.98	1008.56
2	FID	HRC-I-4	6.98	291	0.026	-0.068	0.005	0.009	0.000000	0.000000	1280.81	1014.03
3	GUIDE	367138920	7.73	581	0.034	0.059	0.074	0.113	11.513485	40.808909	-1660.94	-1465.15
4	GUIDE	367144424	8.65	582	0.041	-0.206	0.059	0.100	10.464515	40.309136	-978.67	1848.59
5	GUIDE	367663272	9.31	582	-0.136	0.116	0.104	0.175	10.656279	41.699429	2257.99	-1999.41
6	GUIDE	367658664	9.60	582	-0.162	0.113	0.097	0.159	10.374070	41.369746	1939.74	-634.07
7	GUIDE	367141456	9.47	581	0.227	-0.098	0.110	0.167	10.733182	40.145955	-1907.94	1727.36

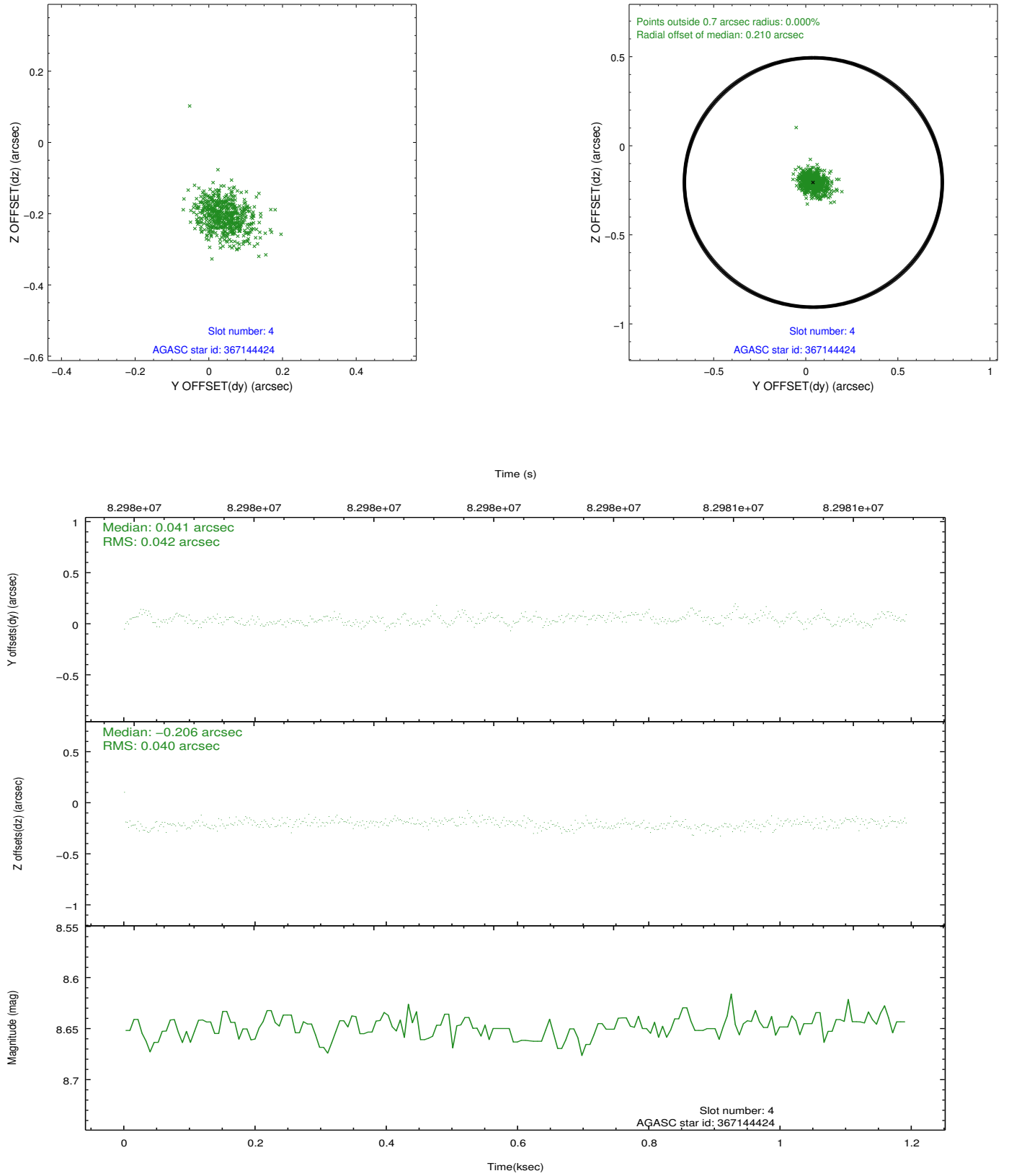


## 2.4 Star Slots

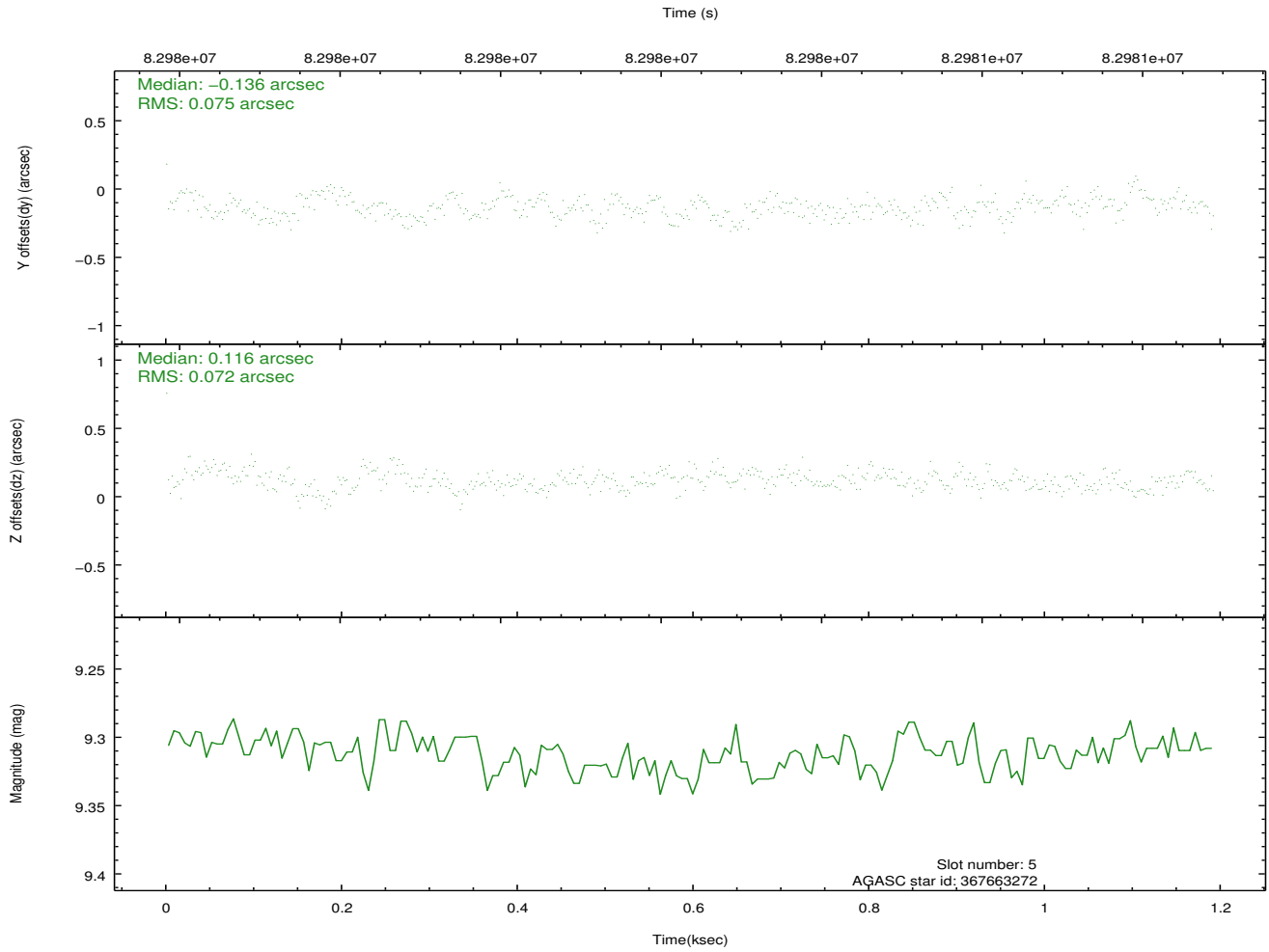
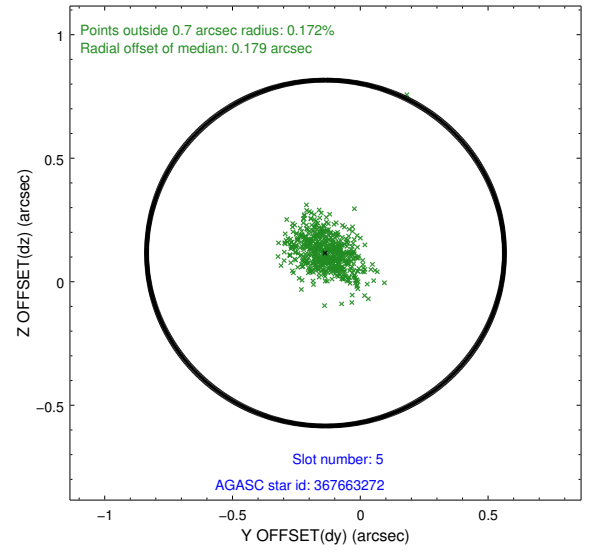
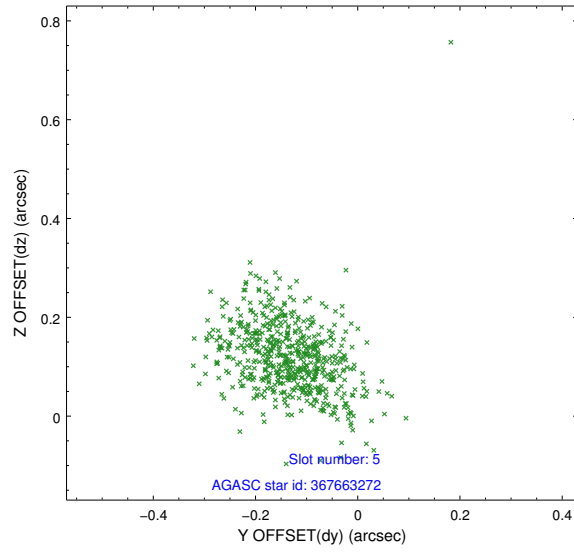
### 2.4.1 Slot 3



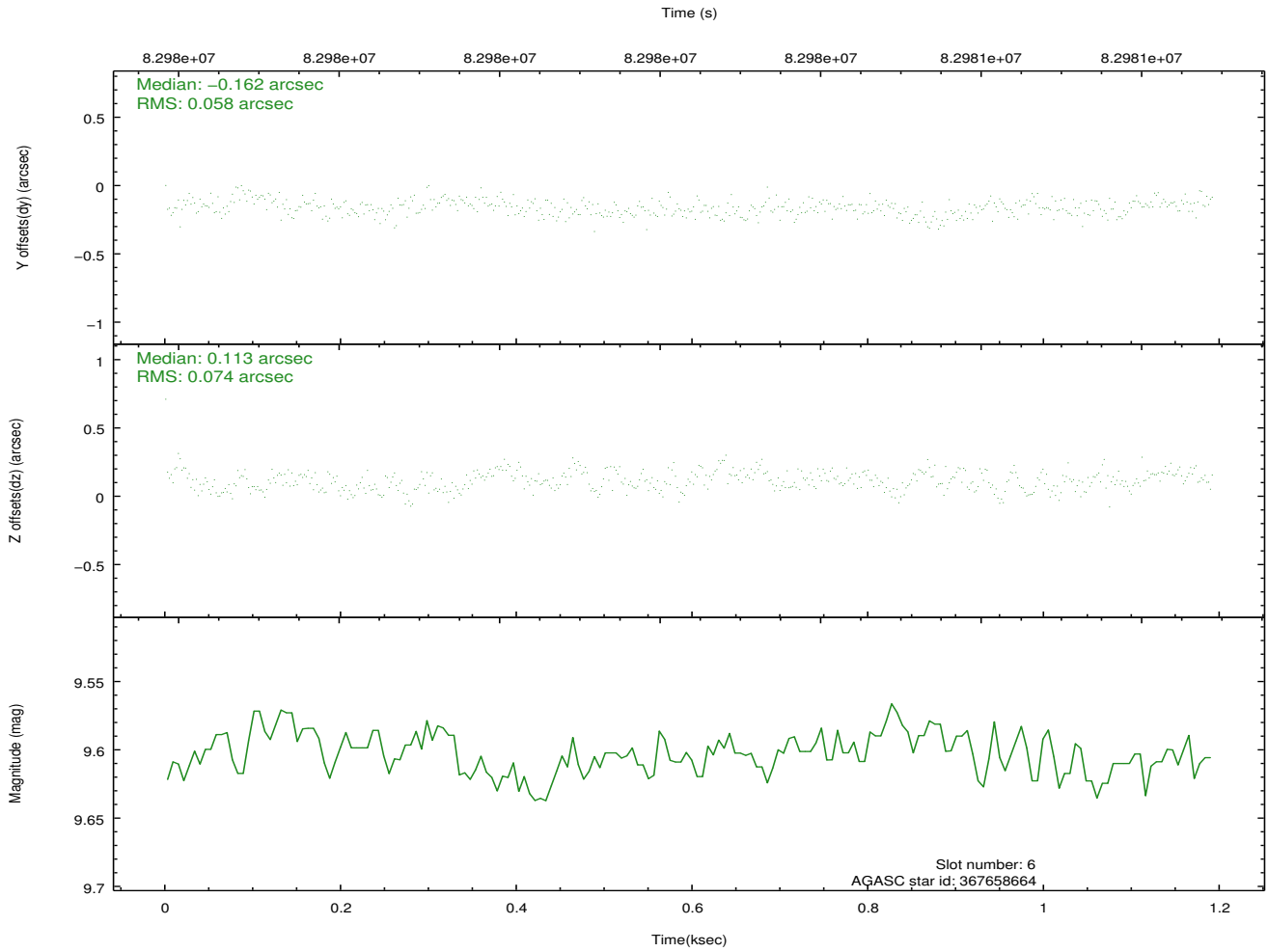
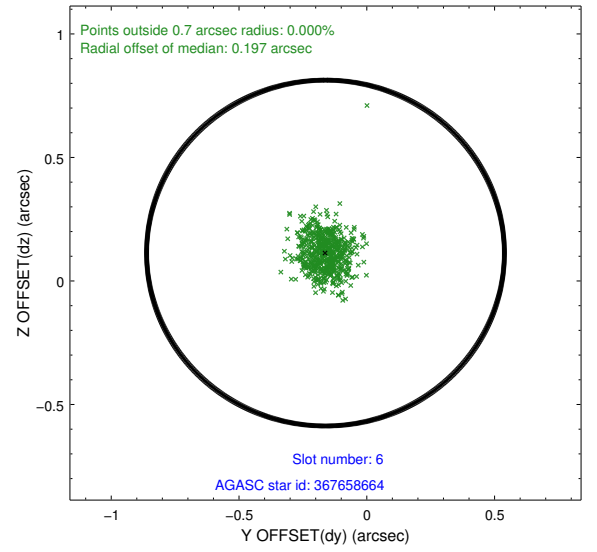
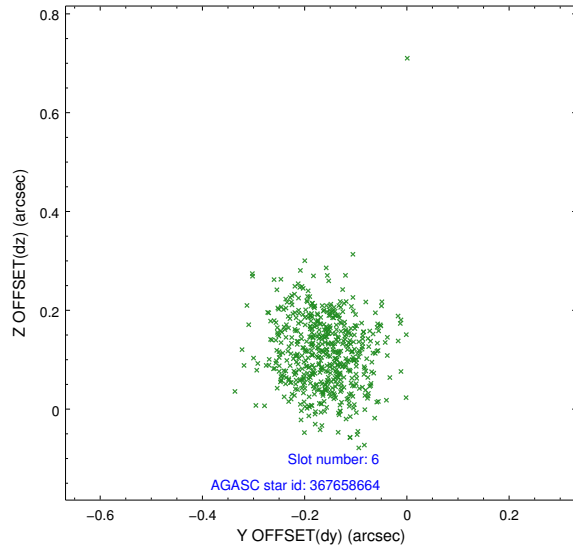
## 2.4.2 Slot 4



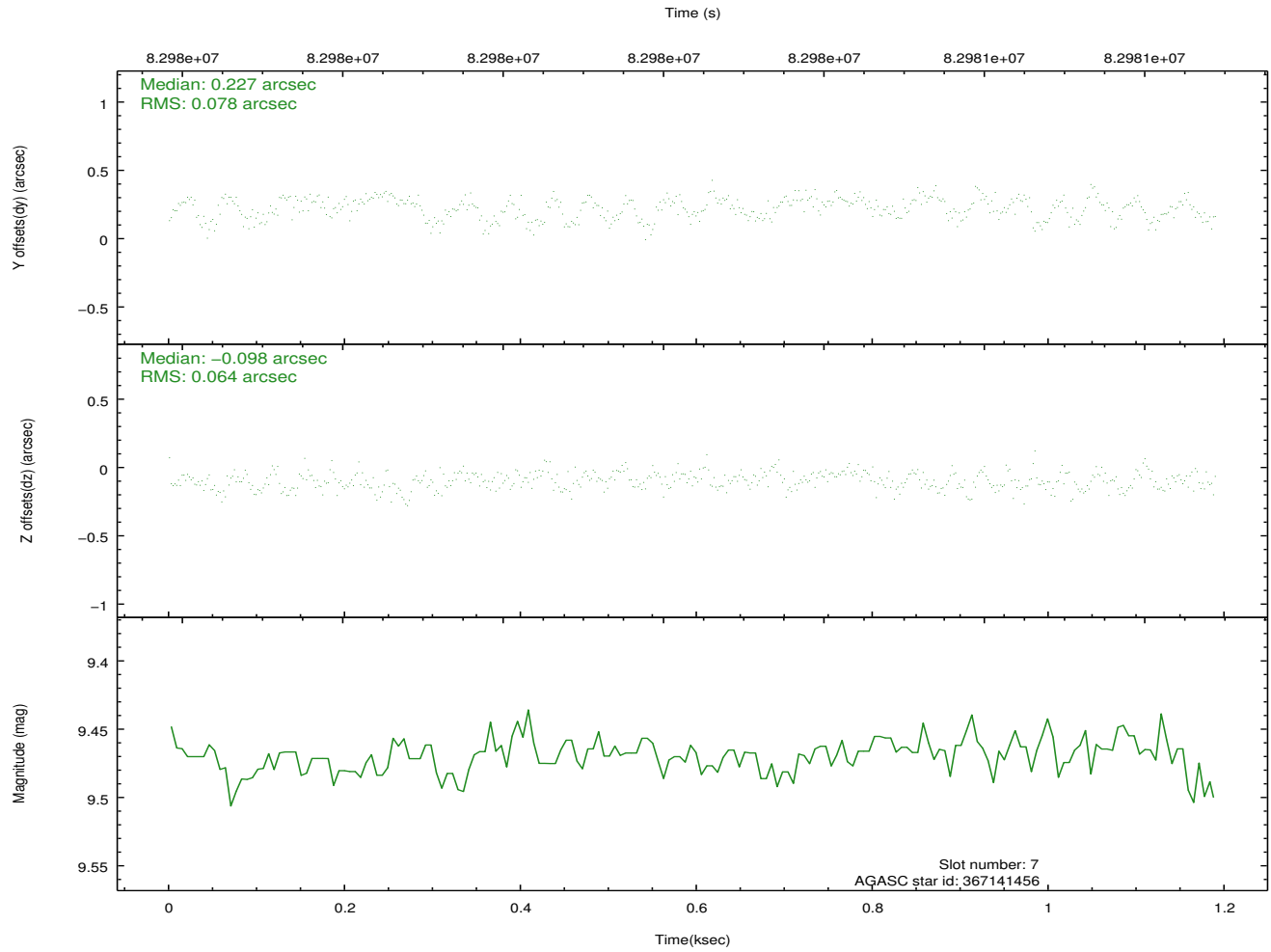
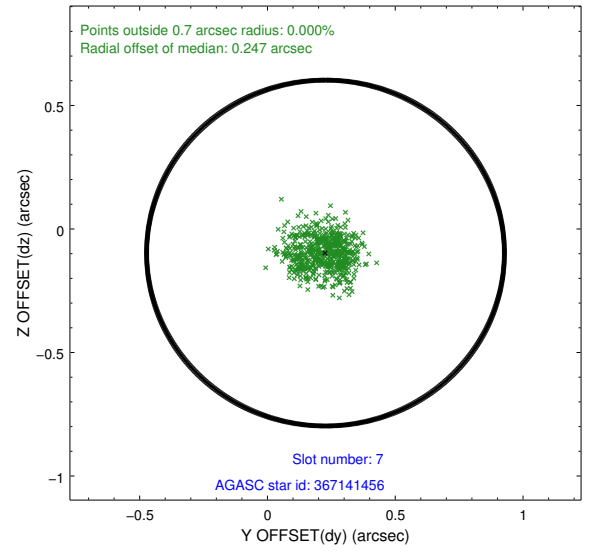
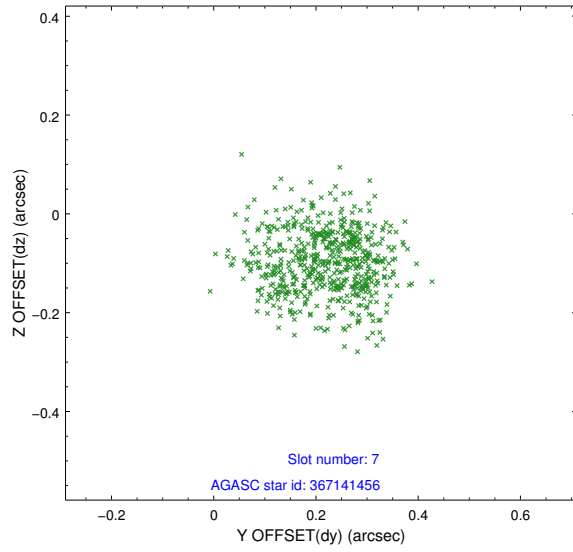
### 2.4.3 Slot 5



## 2.4.4 Slot 6

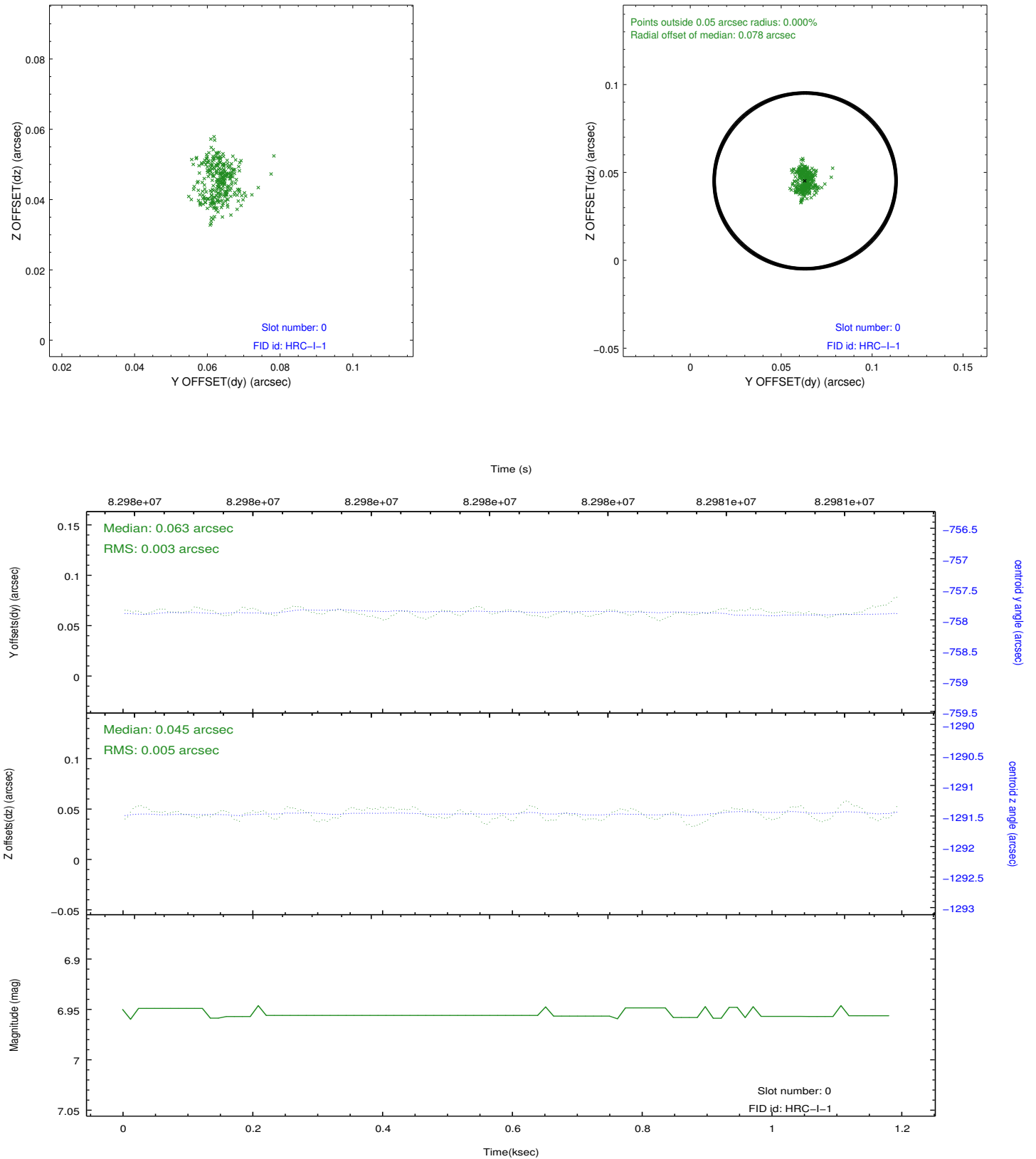


## 2.4.5 Slot 7

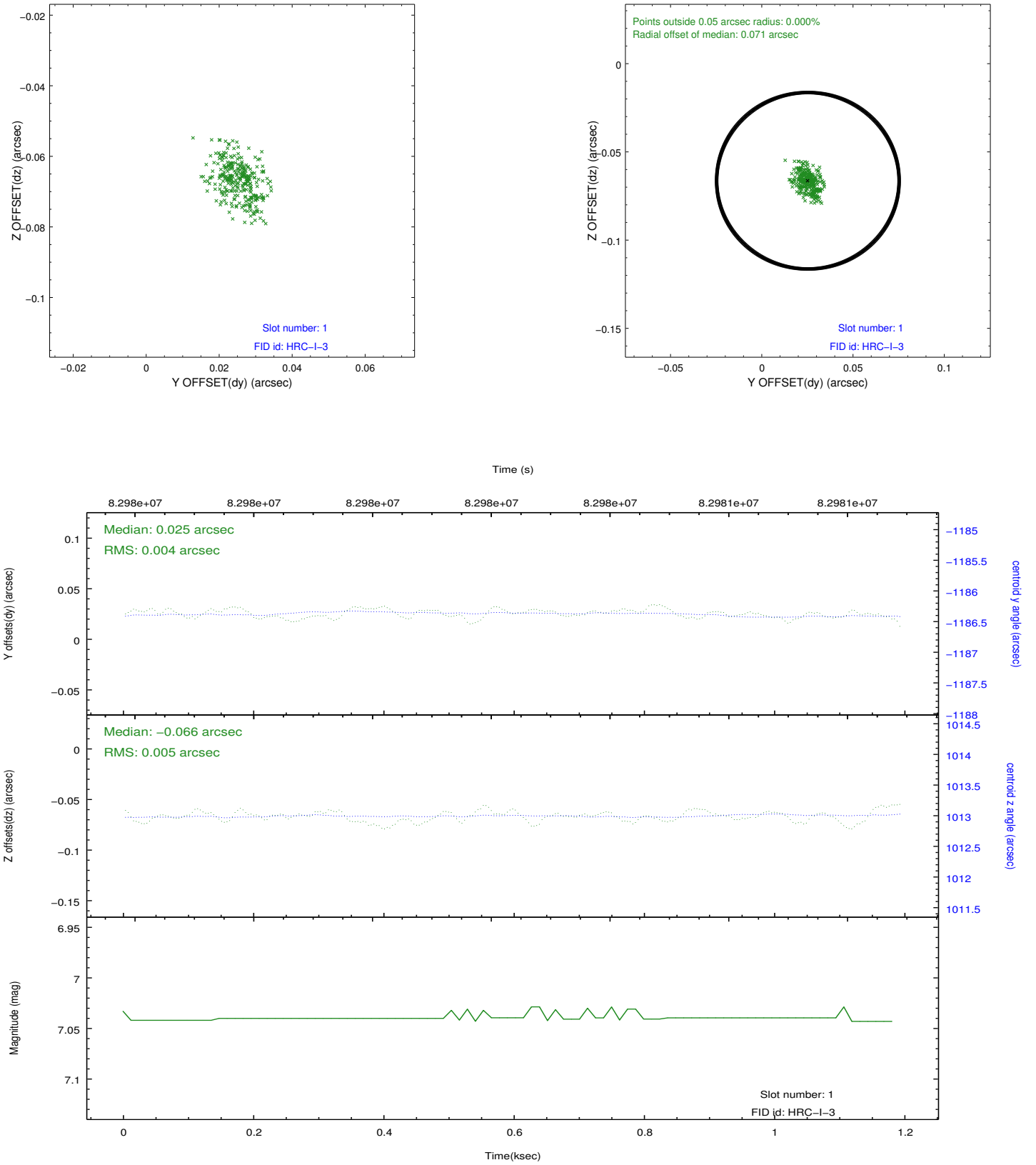


## 2.5 FID Slots

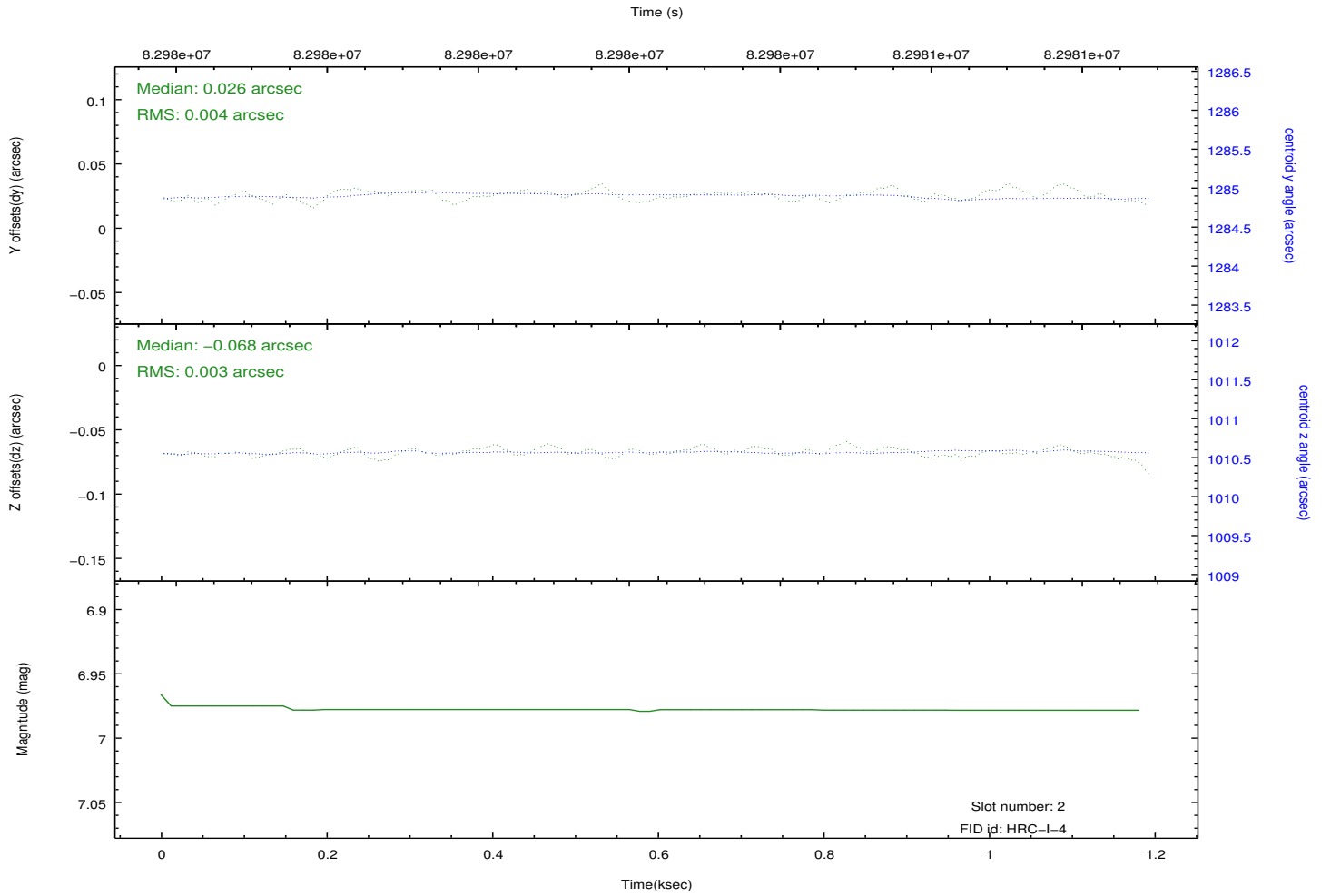
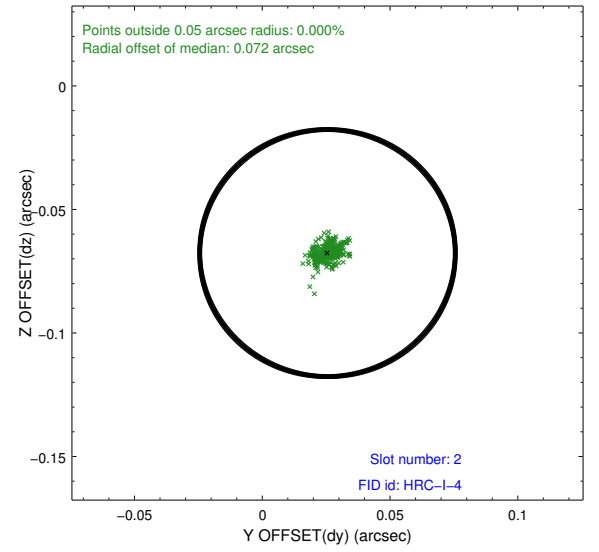
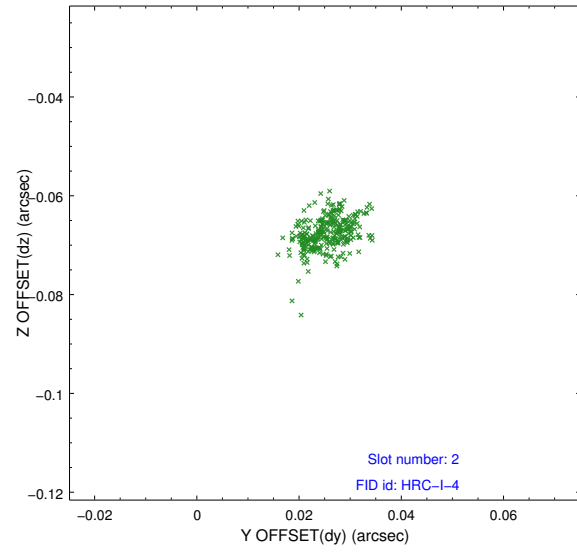
### 2.5.1 Slot 0



## 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)	2012.09.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

### A.2 Comments