

# V&V Reference Report

## L2 ASCDS Version : 8.1.1

Observation 267 - L2 Version 5

Chandra X-Ray Center

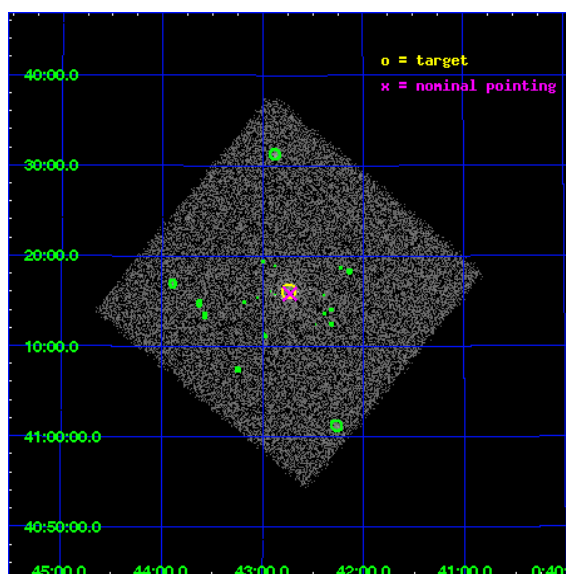
L2 Processing Date : Nov 25 2009

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# 1 Front

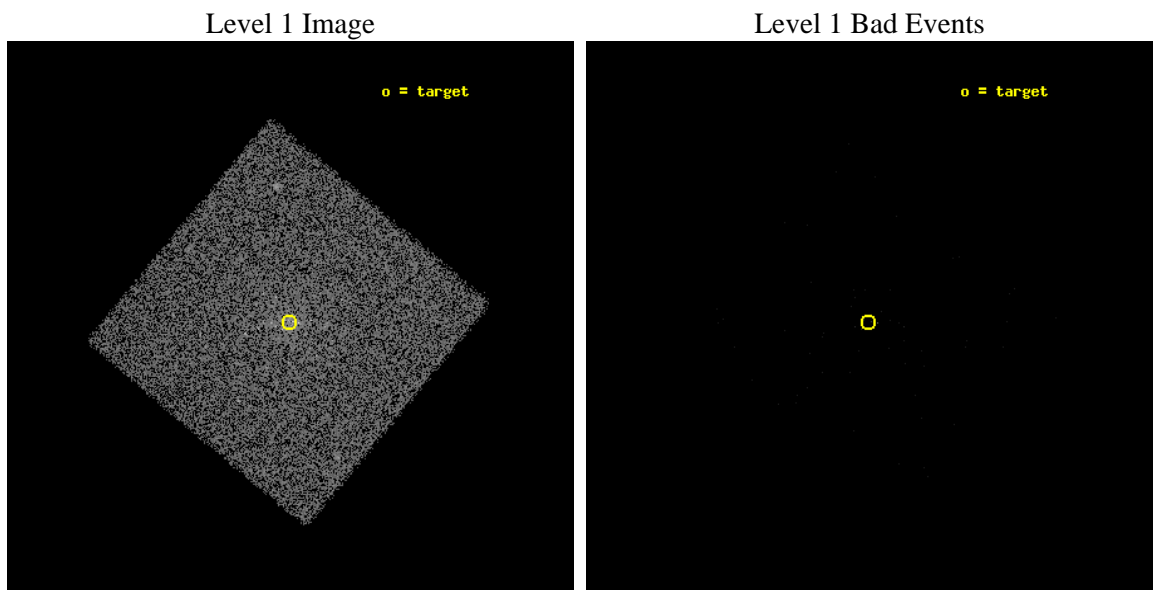
seq_num	600027	Sequence number
obs_id	267	Observation id
title	MONITORING M31	Proposal title
observer	Dr Steve Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA
dec_targ	41.268972	Observer's specified target Dec
ra_nom	10.681948725218	Nominal RA
dec_nom	41.26369241689	Nominal Dec
roll_nom	264.82554867667	Nominal Roll
revision	5	Processing version of data
ontime	1276.3812961429	[s]
livetime	1268.42851915	Ontime multiplied by DTCOR
l2events	39678	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	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	1276.3812961429	[s]
caldbver	4.1.4	&#160	l1events	62273	Number of level 1 events
date	2009-11-25T08:12:19	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

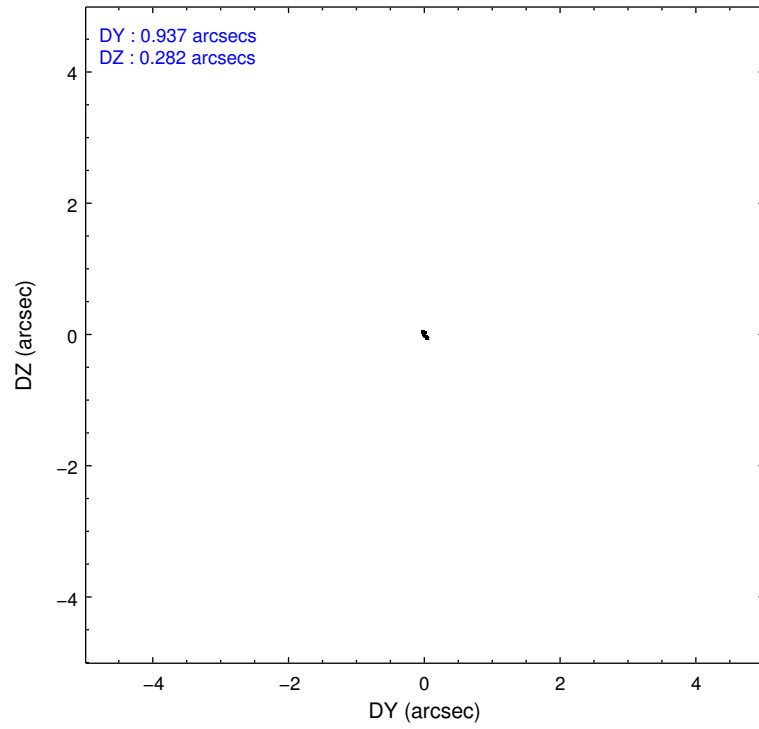
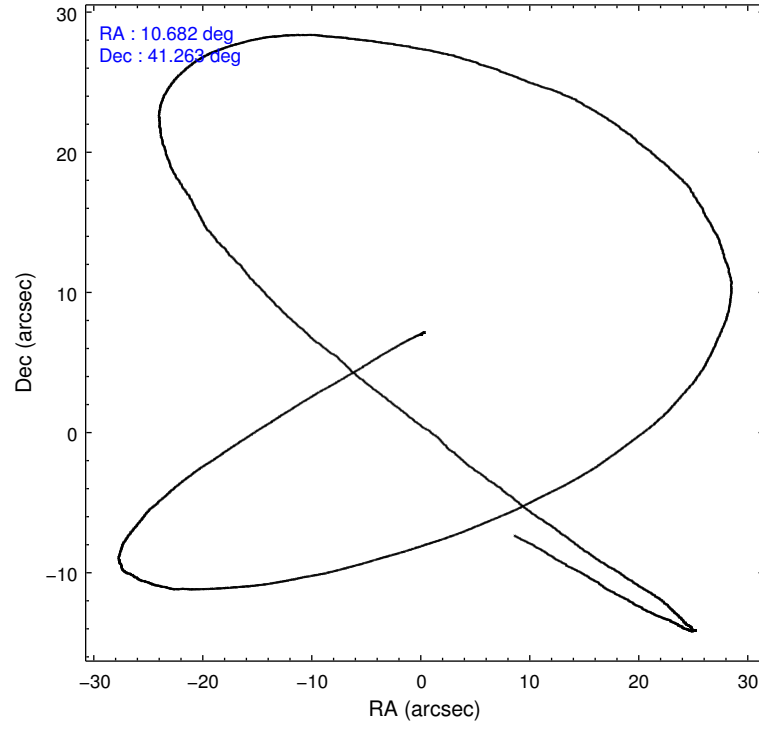
	<b>segment 0</b>
level 1 events	62273
rejected events	2333
rejected %	3%

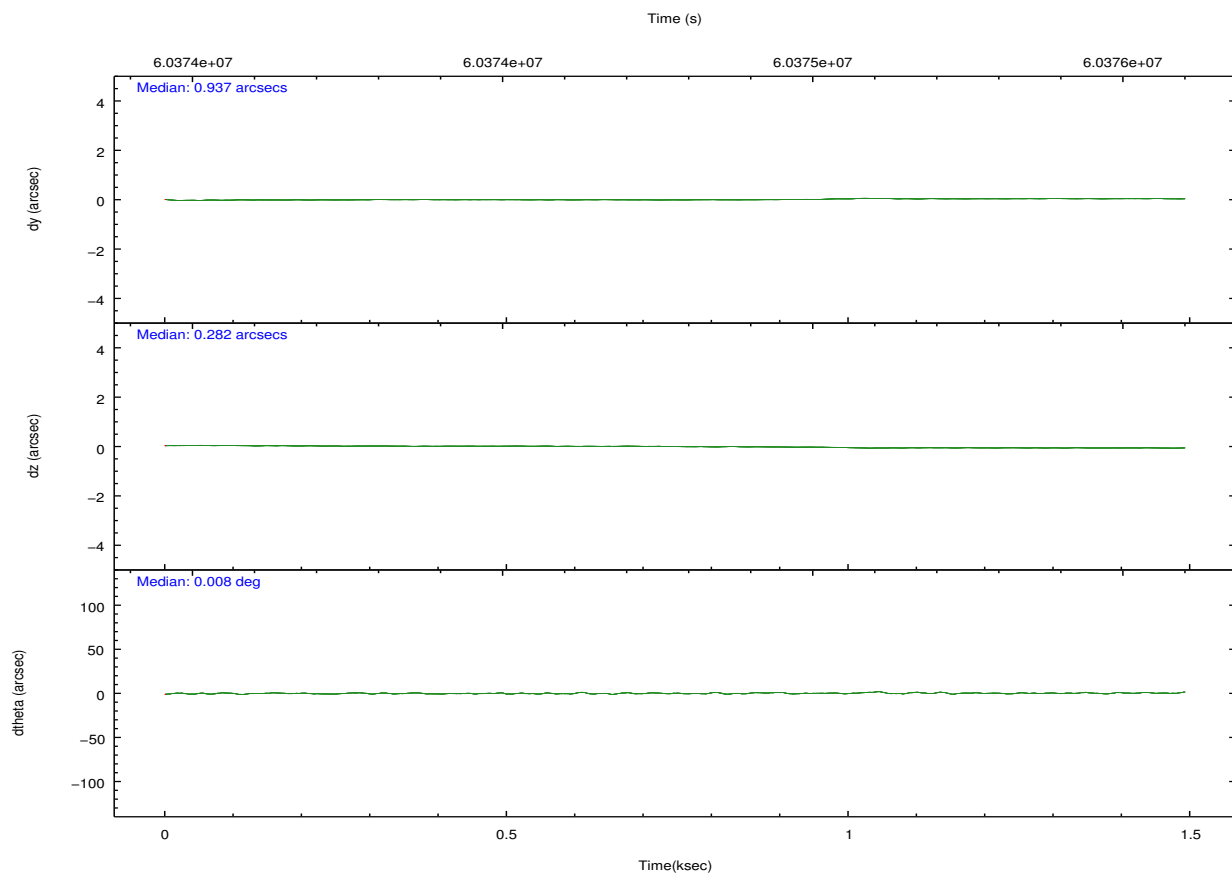
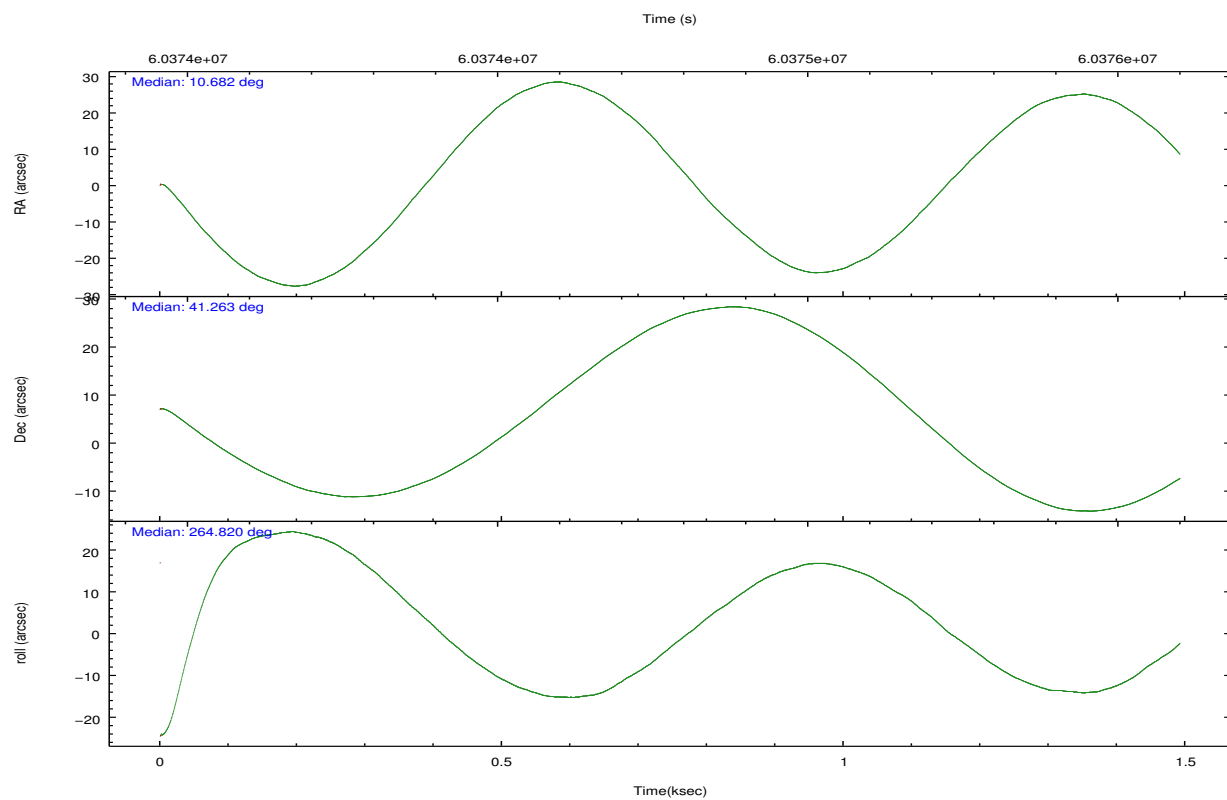
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	10.666508	10.68194872521813
Pointing Dec	41.289621	41.2636924168896
Pointing Roll	264.931476	264.8255486766738
SIM focus pos (mm)	-1.040293	-1.038866356238299
SIM defocus (mm)	0	0.001426264420575141
SIM translation stage pos (mm)	126.985494	126.9829799899862
SIM translation stage offset (mm)	0	0.002508901615314585
Observation start time	60374525.184000	60373859.050193
Observation start date	1999-11-30T18:41:01	1999-11-30T18:30:59
Observation end time	60375525.184000	60375658.950258
Observation end date	1999-11-30T18:57:41	1999-11-30T19:00:58

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

## 2.3 Aspect





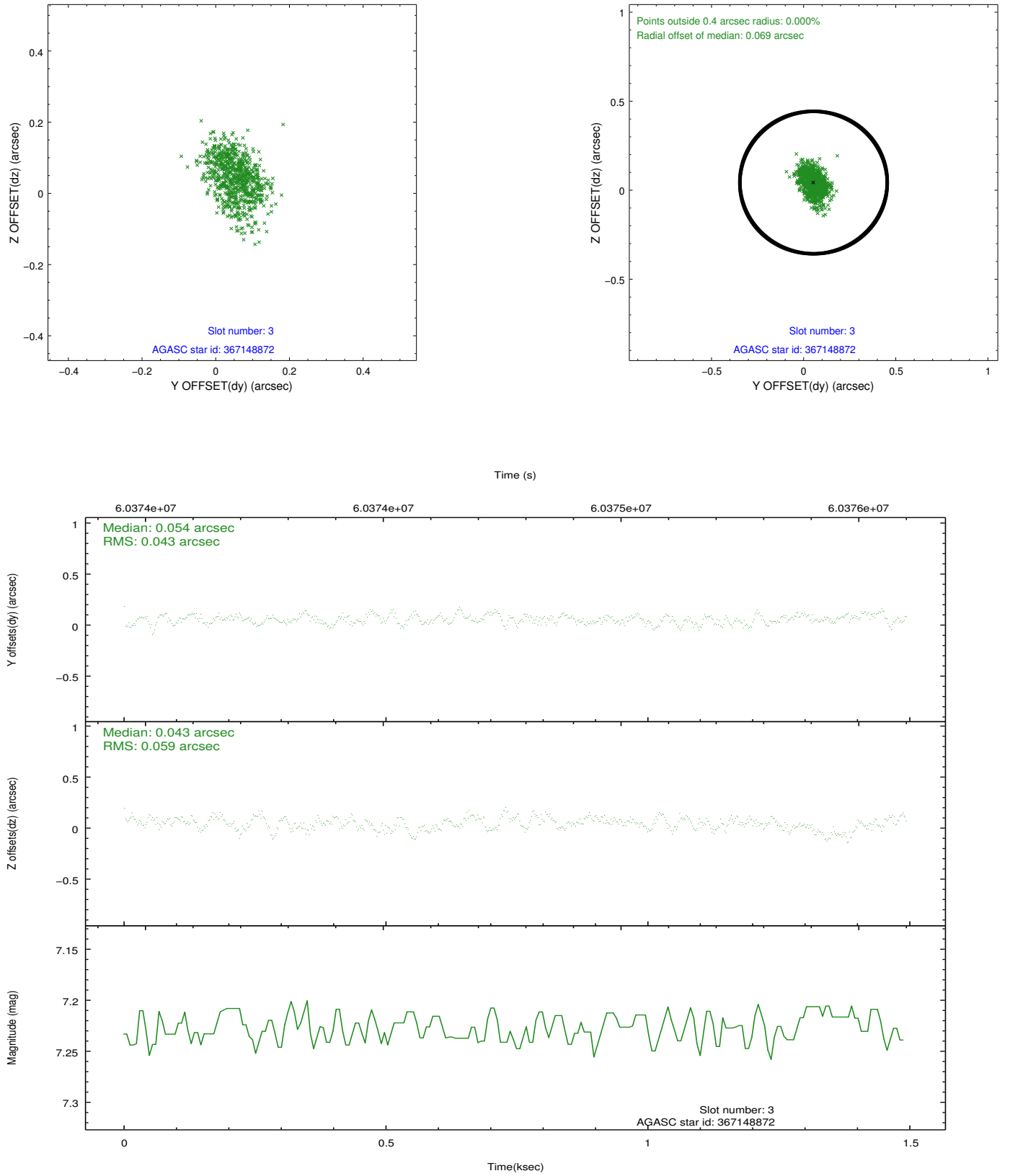
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	729	0.022	0.001	0.007	0.012	0.000000	0.000000	-756.33	-1287.93
1	FID	HRC-I-2	6.99	728	0.039	-0.016	0.005	0.009	0.000000	0.000000	855.28	-1291.27
2	FID	HRC-I-3	7.03	729	0.058	-0.074	0.006	0.010	0.000000	0.000000	-1183.64	1014.78
3	GUIDE	367148872	7.23	729	0.054	0.043	0.078	0.130	10.505940	40.688258	2191.10	-246.21
4	GUIDE	367674552	8.85	729	0.003	0.024	0.077	0.127	11.016238	41.570845	-1094.36	847.18
5	GUIDE	367146616	8.86	729	0.026	-0.000	0.093	0.145	11.418645	41.190163	162.46	2060.60
6	GUIDE	367658664	9.61	728	0.000	-0.014	0.114	0.213	10.374070	41.369746	-222.32	-810.82
7	GUIDE	367665472	9.49	728	-0.099	-0.064	0.092	0.148	10.241611	41.730843	-1488.16	-1280.02

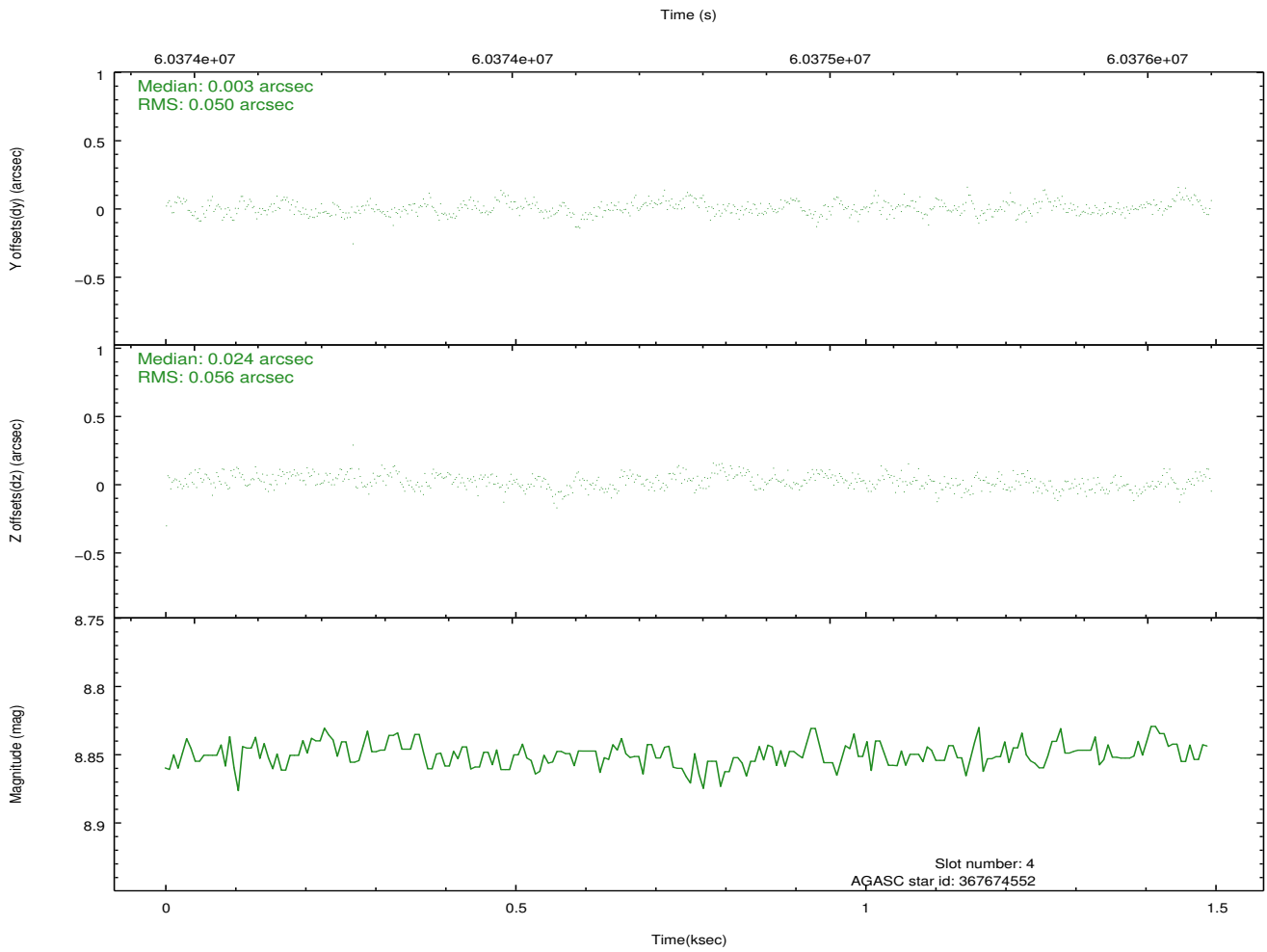
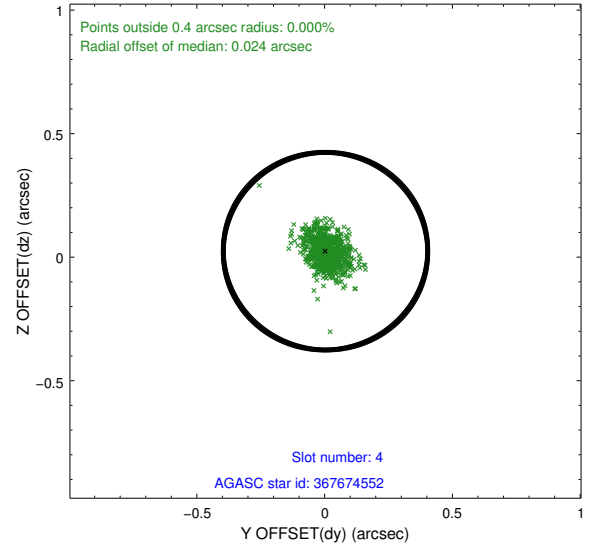
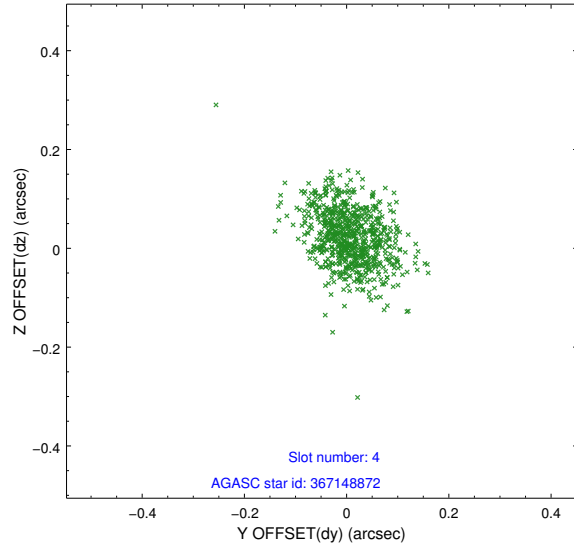


## 2.4 Star Slots

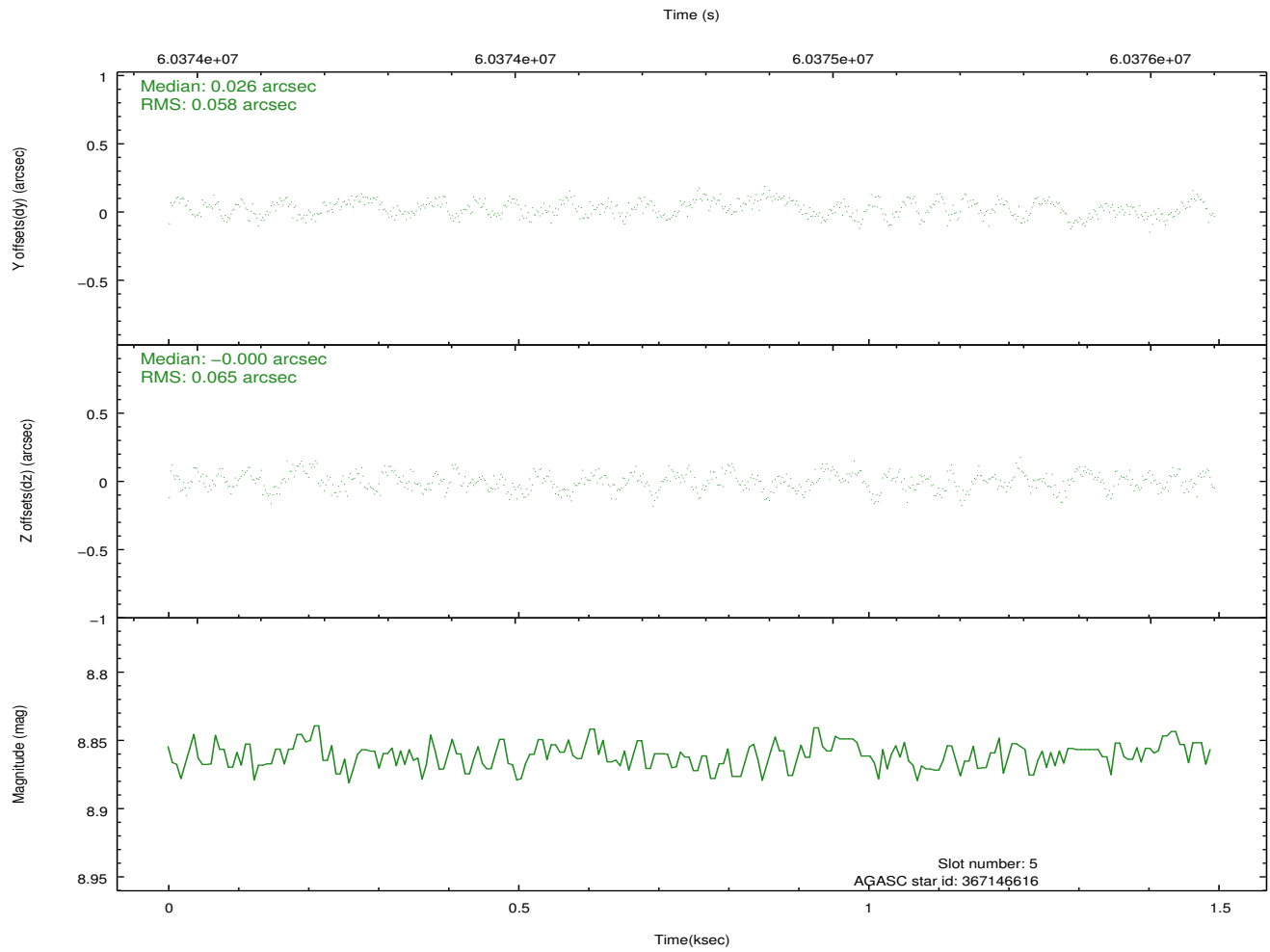
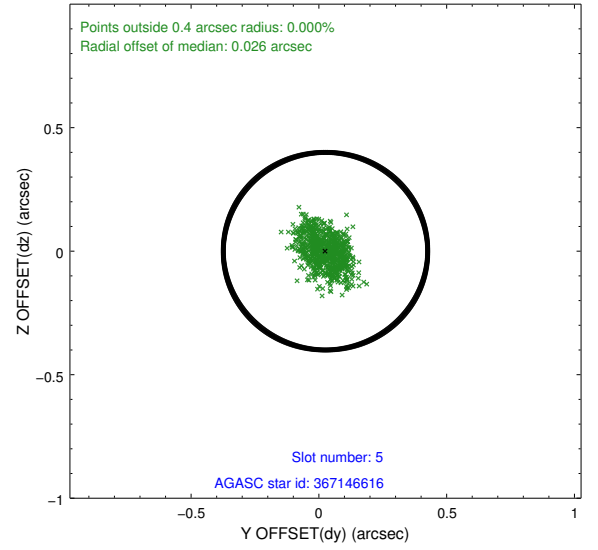
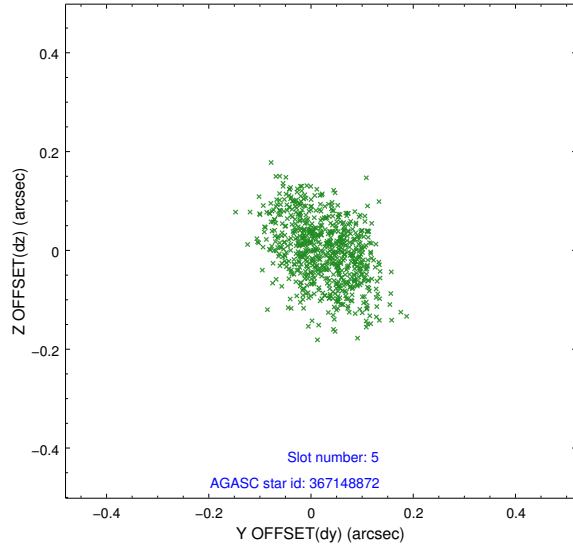
### 2.4.1 Slot 3



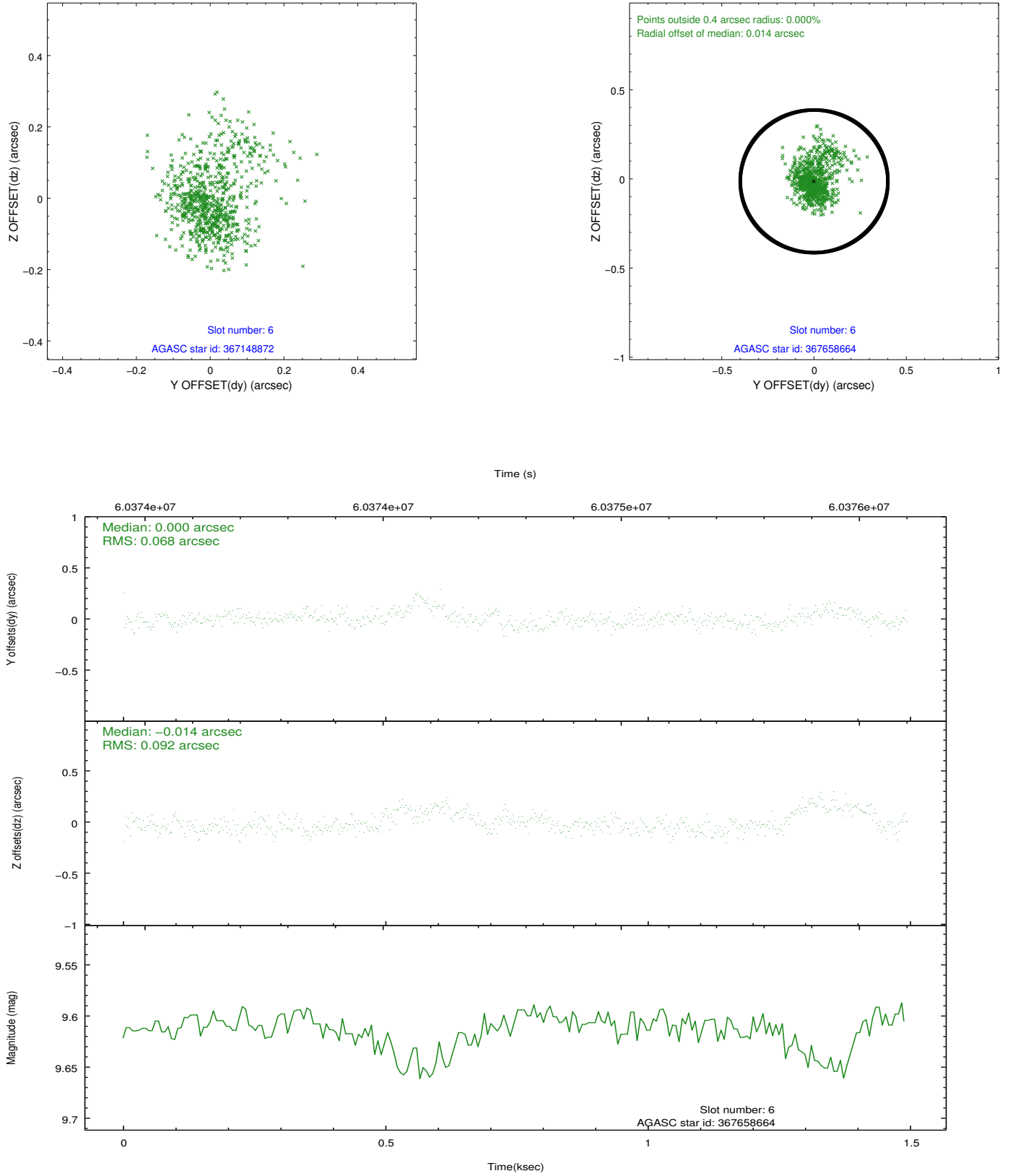
## 2.4.2 Slot 4



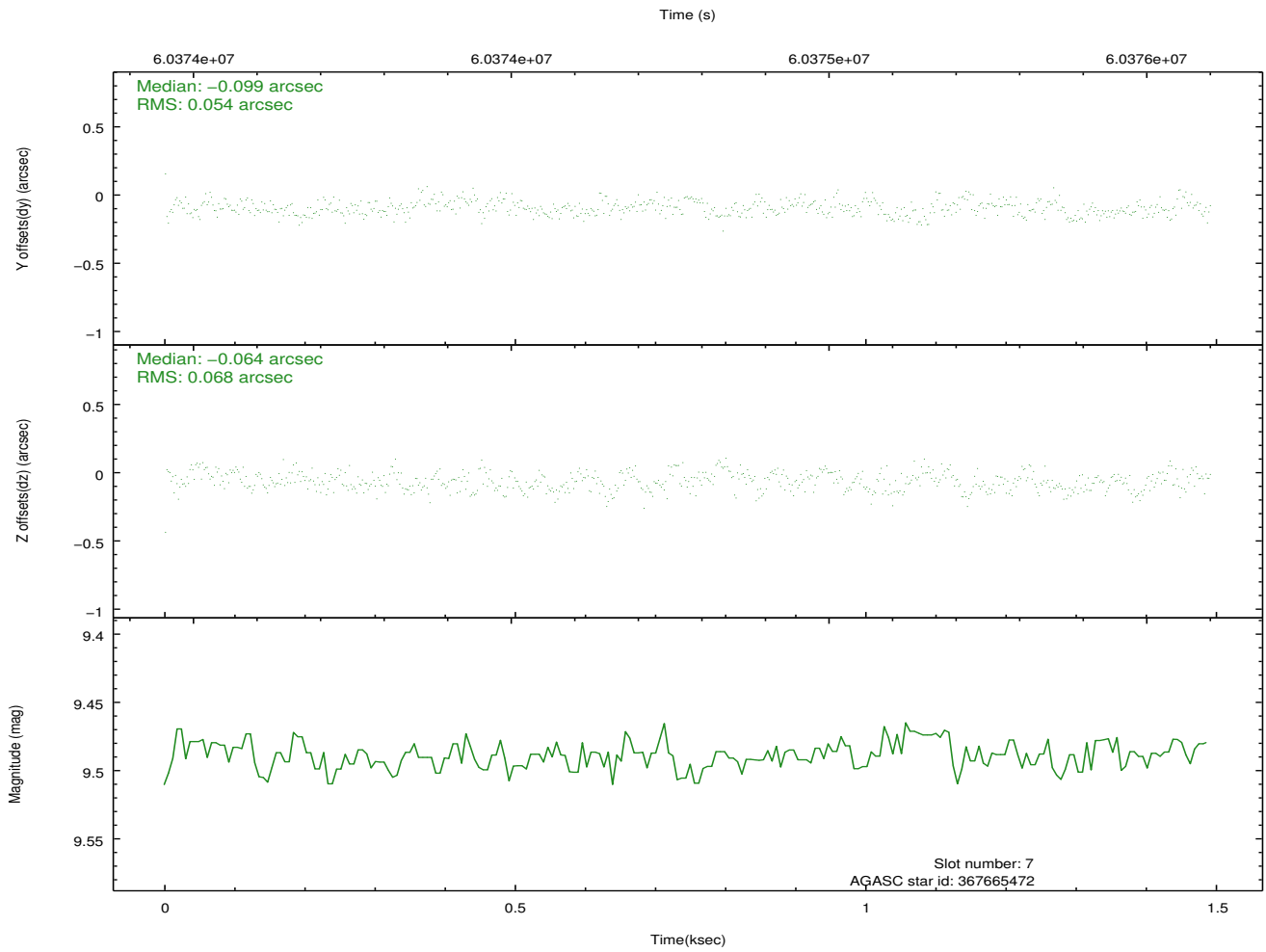
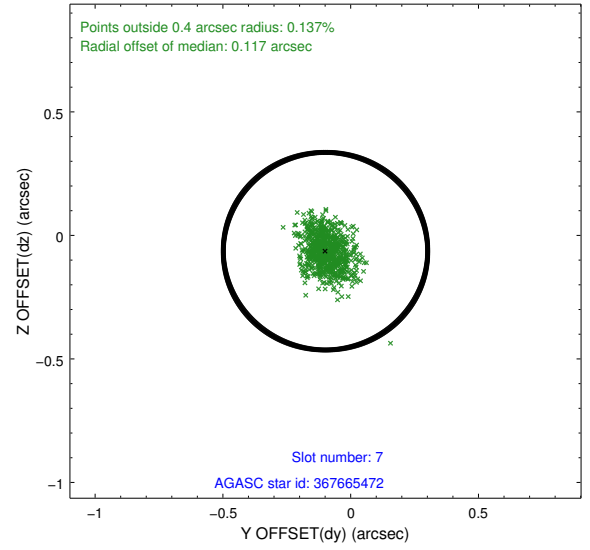
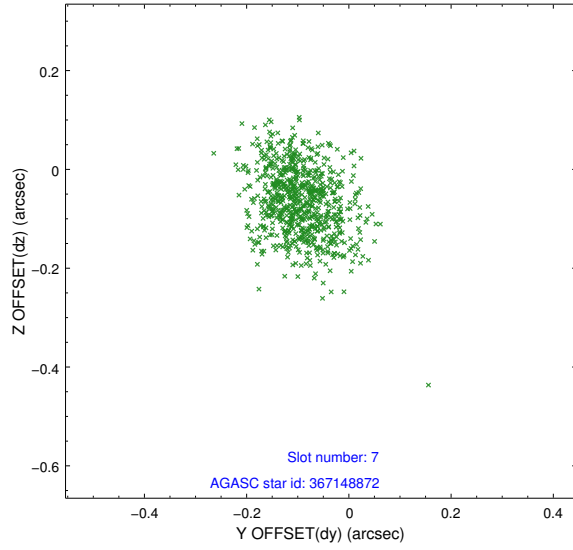
## 2.4.3 Slot 5



## 2.4.4 Slot 6

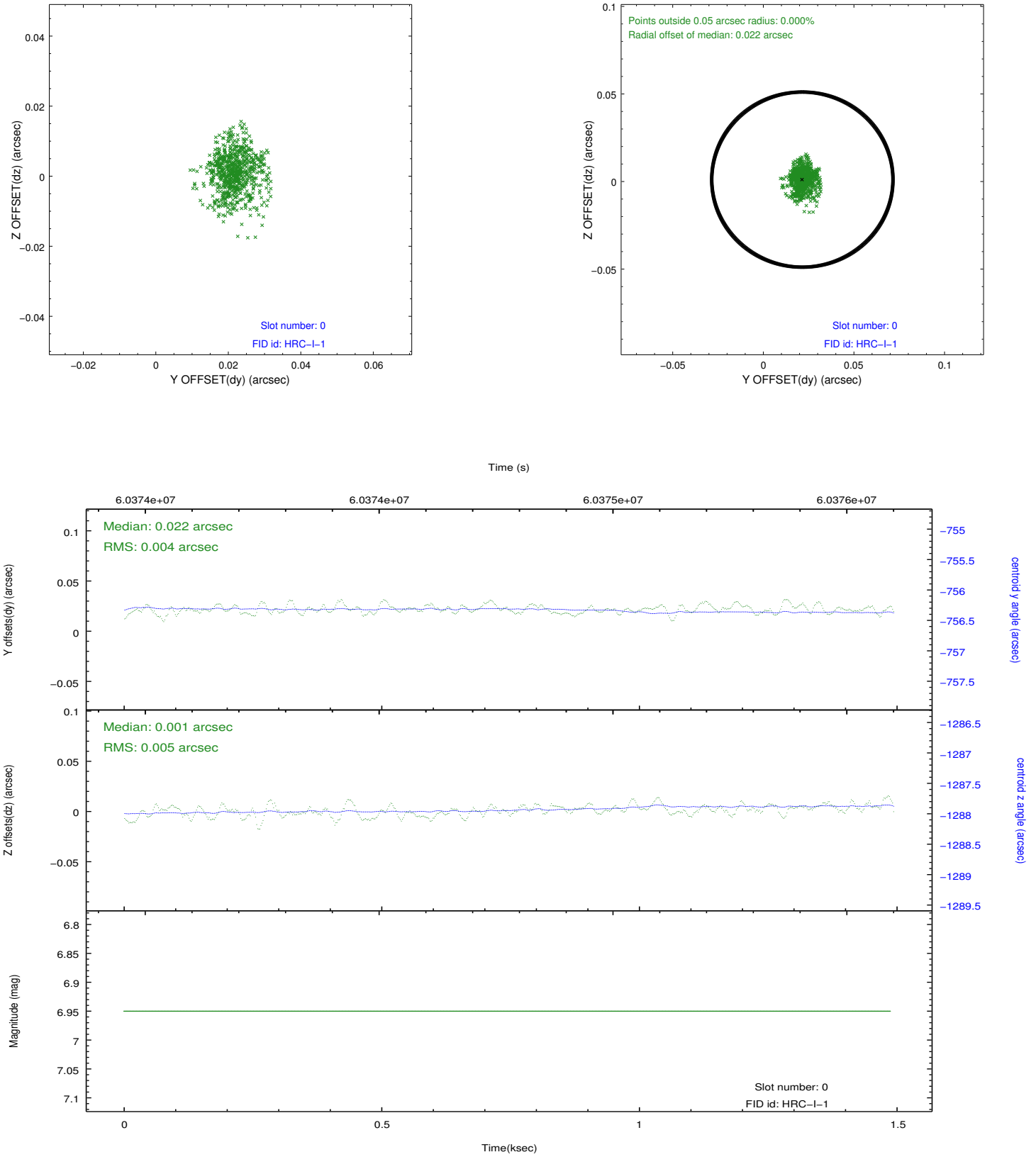


## 2.4.5 Slot 7

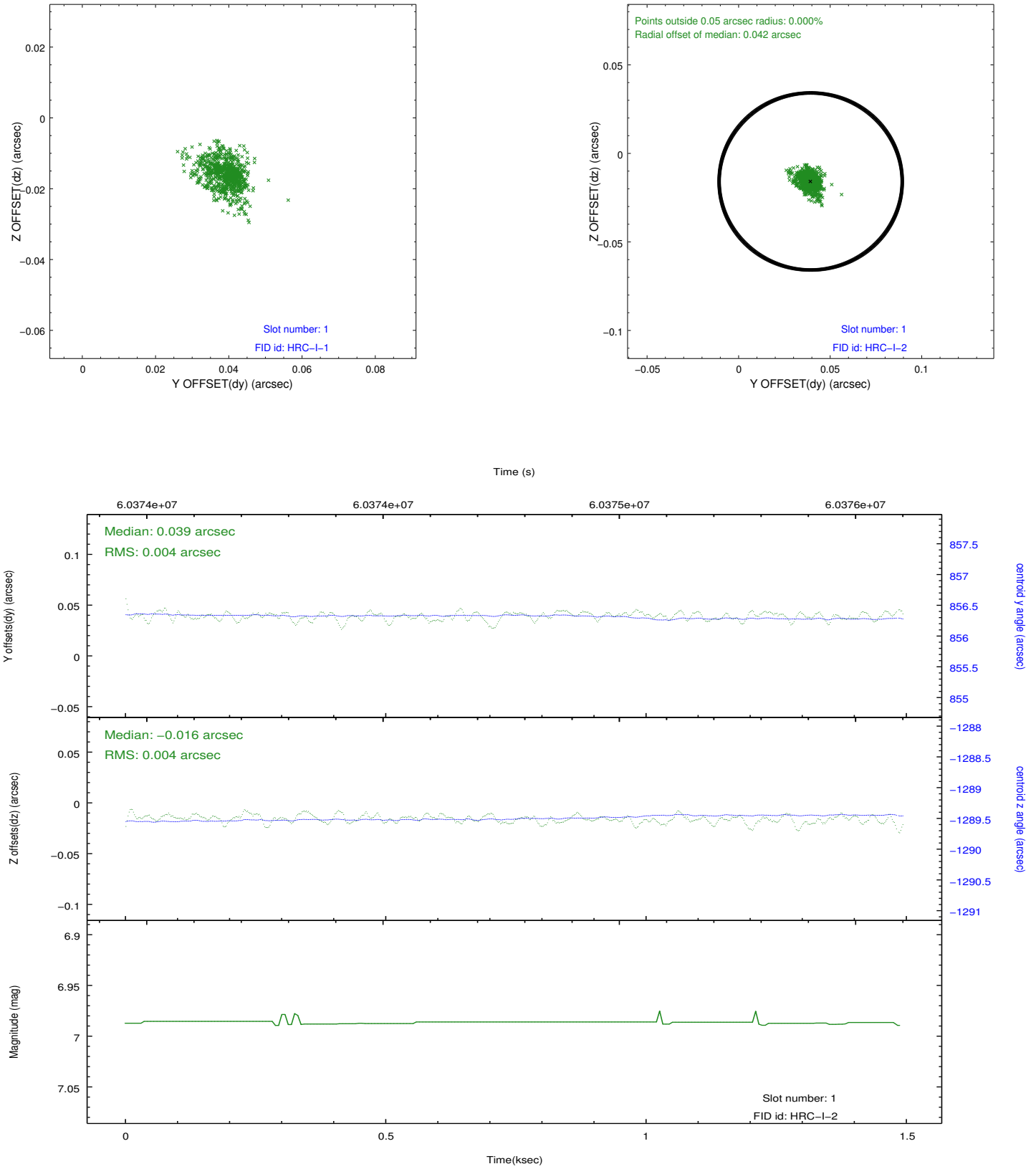


## 2.5 FID Slots

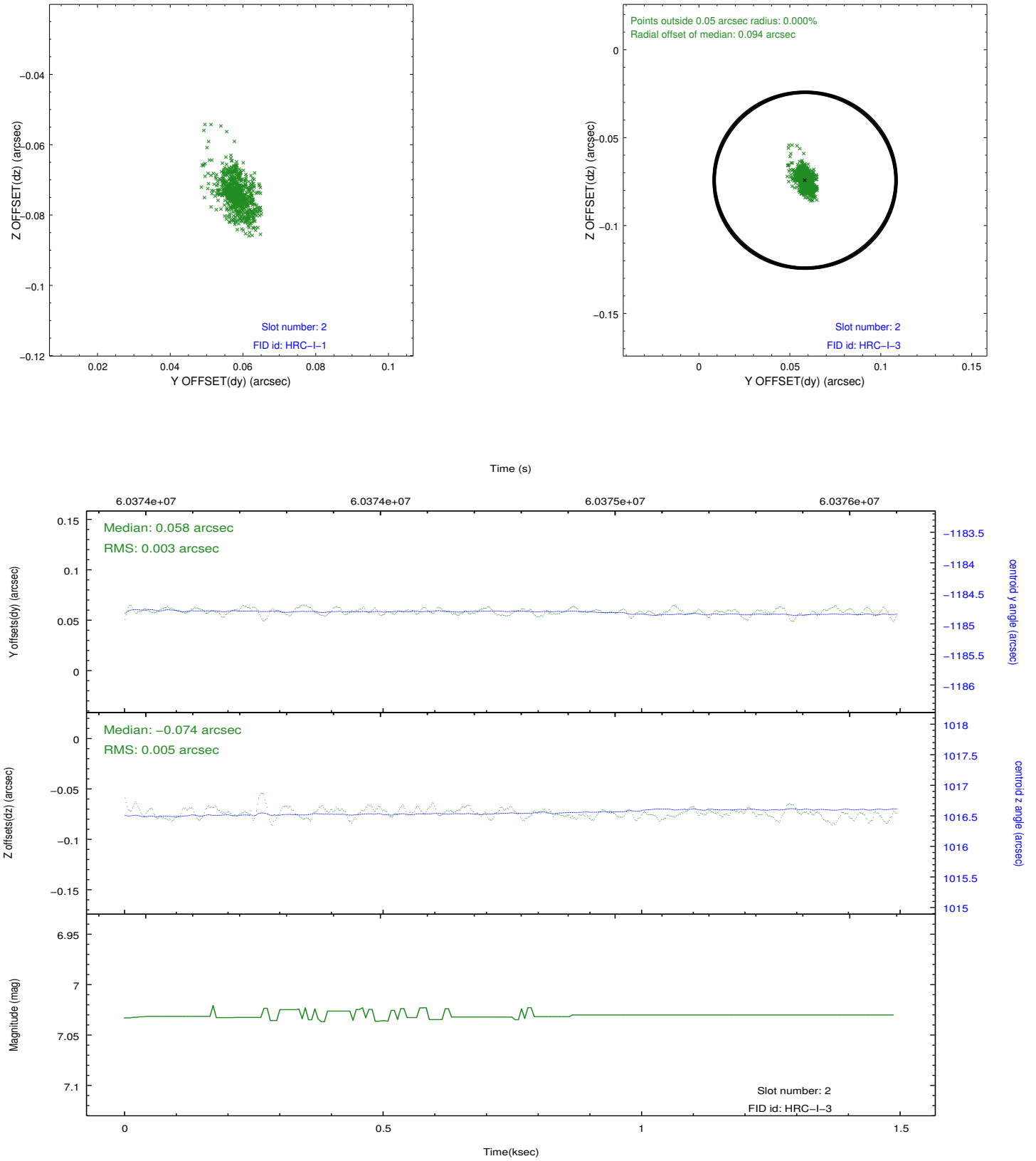
### 2.5.1 Slot 0



## 2.5.2 Slot 1

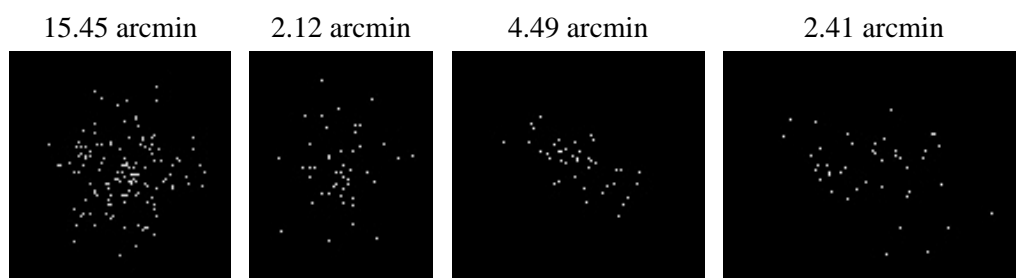


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.276

### A.2 Comments