

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 4894 - L2 Version 001  
Chandra X-Ray Center

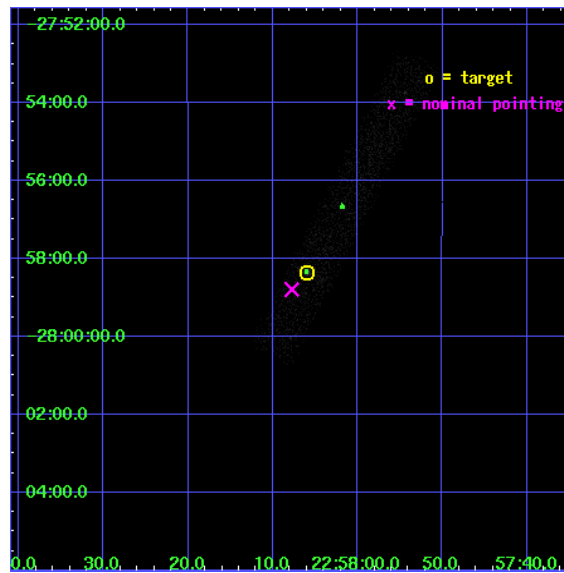
L2 Processing Date : Jun 28 2006

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# 1 Front

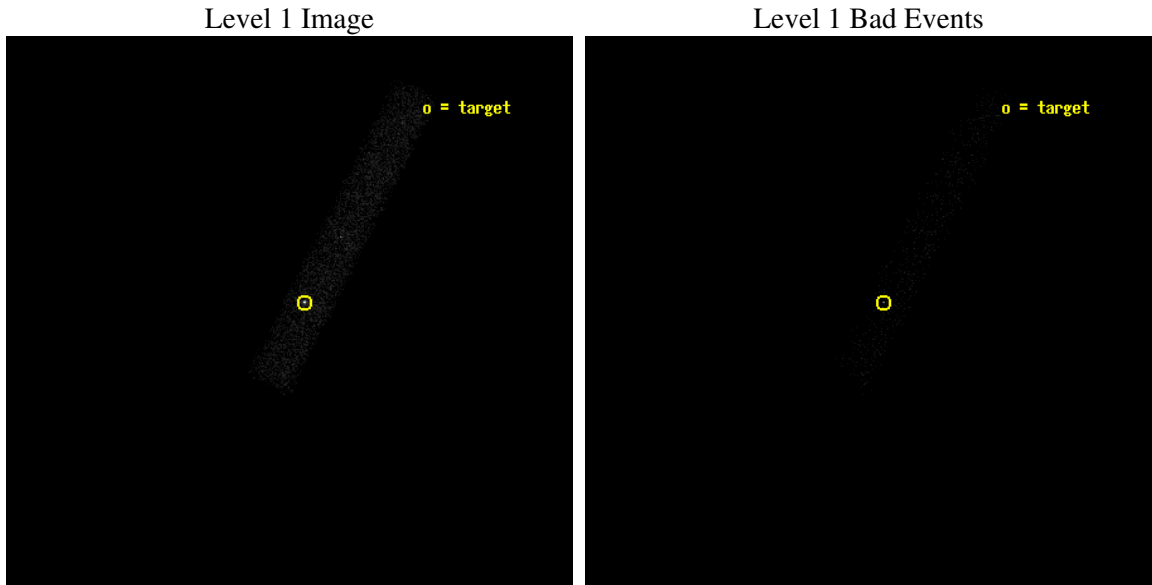
seq_num	700976
obs_id	4894
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets
observer	Dr. Herman Marshall
object	2255-282
dtcycle	0
cycle	P
ra_targ	344.525
dec_targ	-27.972583
ra_nom	344.53236831008
dec_nom	-27.97995040458
roll_nom	296.91376721217
revision	2
ontime	7858.4001170993
livetime	7127.1541058401
ontime7	7858.4001170993
l2events	6348



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-28T04:22:22
revision	2

sched_exp_time	7000.000000
ontime	7859.2392006218
ontime7	7859.2392006218
l1events	10666

### 2.1.4 Events

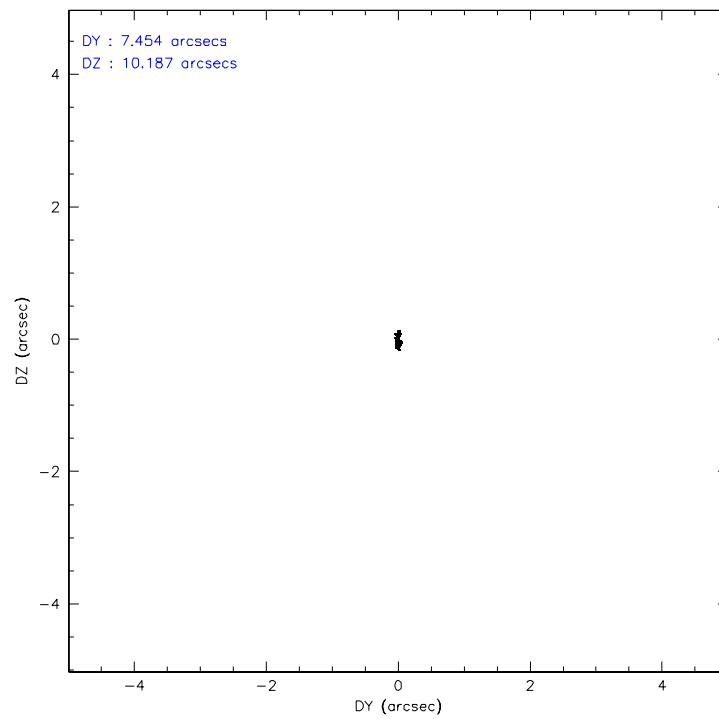
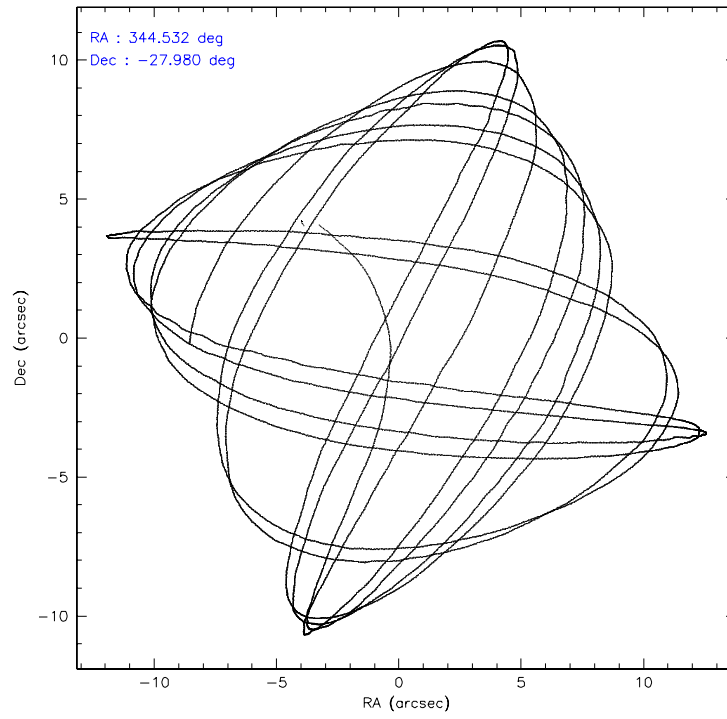
	<b>ccd 7</b>
level 1 events	10666
rejected events	4196
rejected %	39%

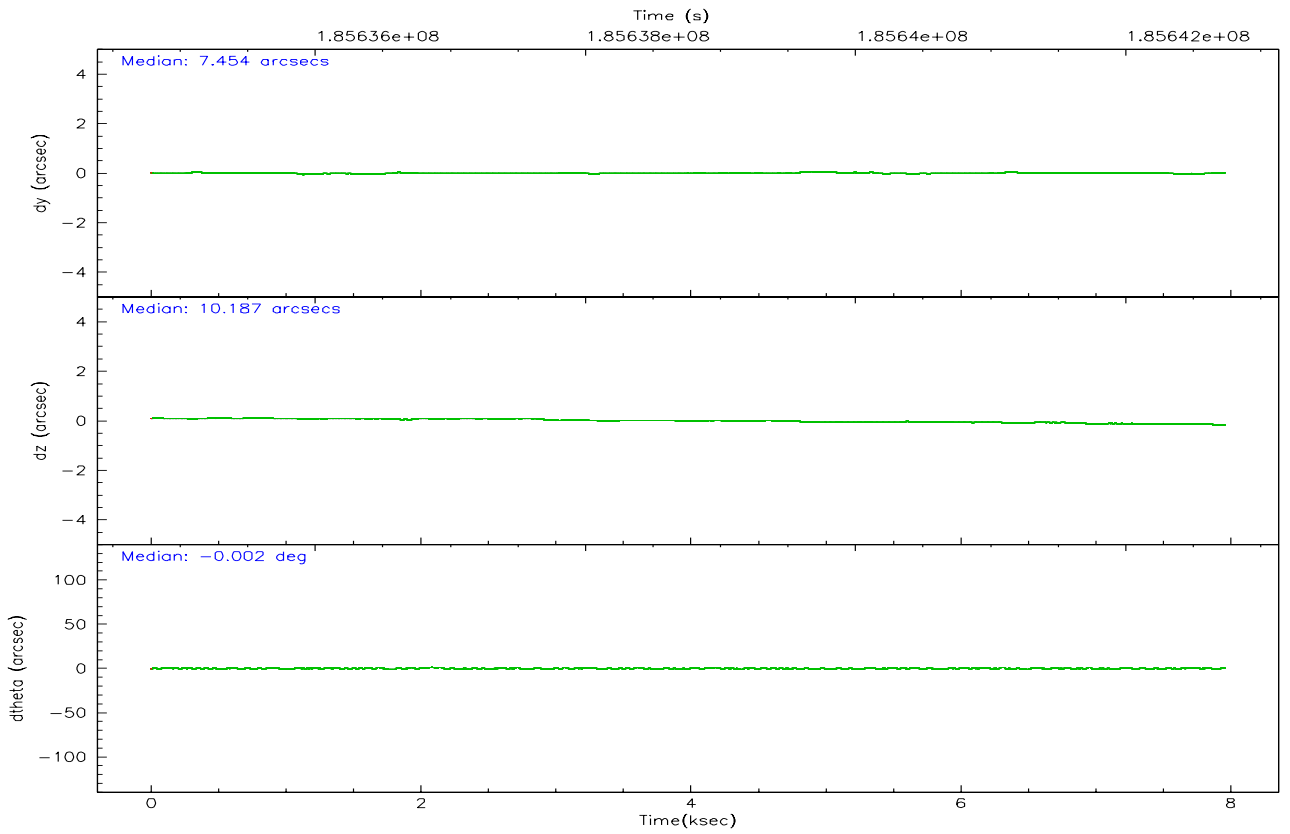
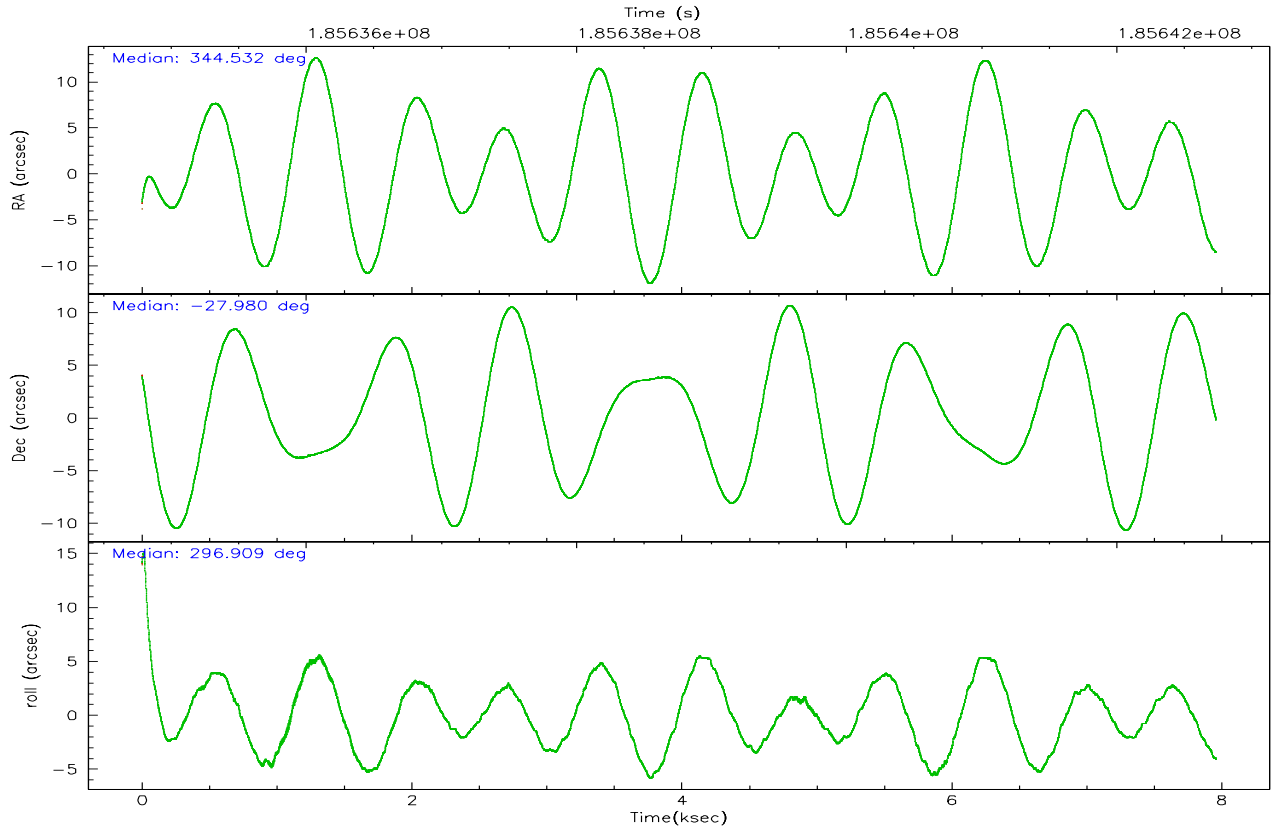
	<b>ccd 7</b>
grade 0 events	1099
	10%
grade 1 events	13
	0%
grade 2 events	1507
	14%
grade 3 events	730
	6%
grade 4 events	757
	7%
grade 5 events	618
	5%
grade 6 events	2377
	22%
grade 7 events	3565
	33%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	CUSTOM	1/8
Pointing RA	344.506322	344.5323683100819	Subarray start row	1	1
Pointing Dec	-27.965411	-27.97995040458011	Subarray row count	128	128
Pointing Roll	296.744902	296.913767212169	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-178.632523	-178.6370735452349			
SIM translation stage offset (mm)	-11.5	-11.49544903777291			
Observation start time	185635744.184000	185634399.60124			
Observation start date	2003-11-19T13:28:00	2003-11-19T13:06:39			
Observation end time	185642744.184000	185643117.22662			
Observation end date	2003-11-19T15:24:40	2003-11-19T15:31:57			
Read mode	TIMED	TIMED			

## 2.3 Aspect



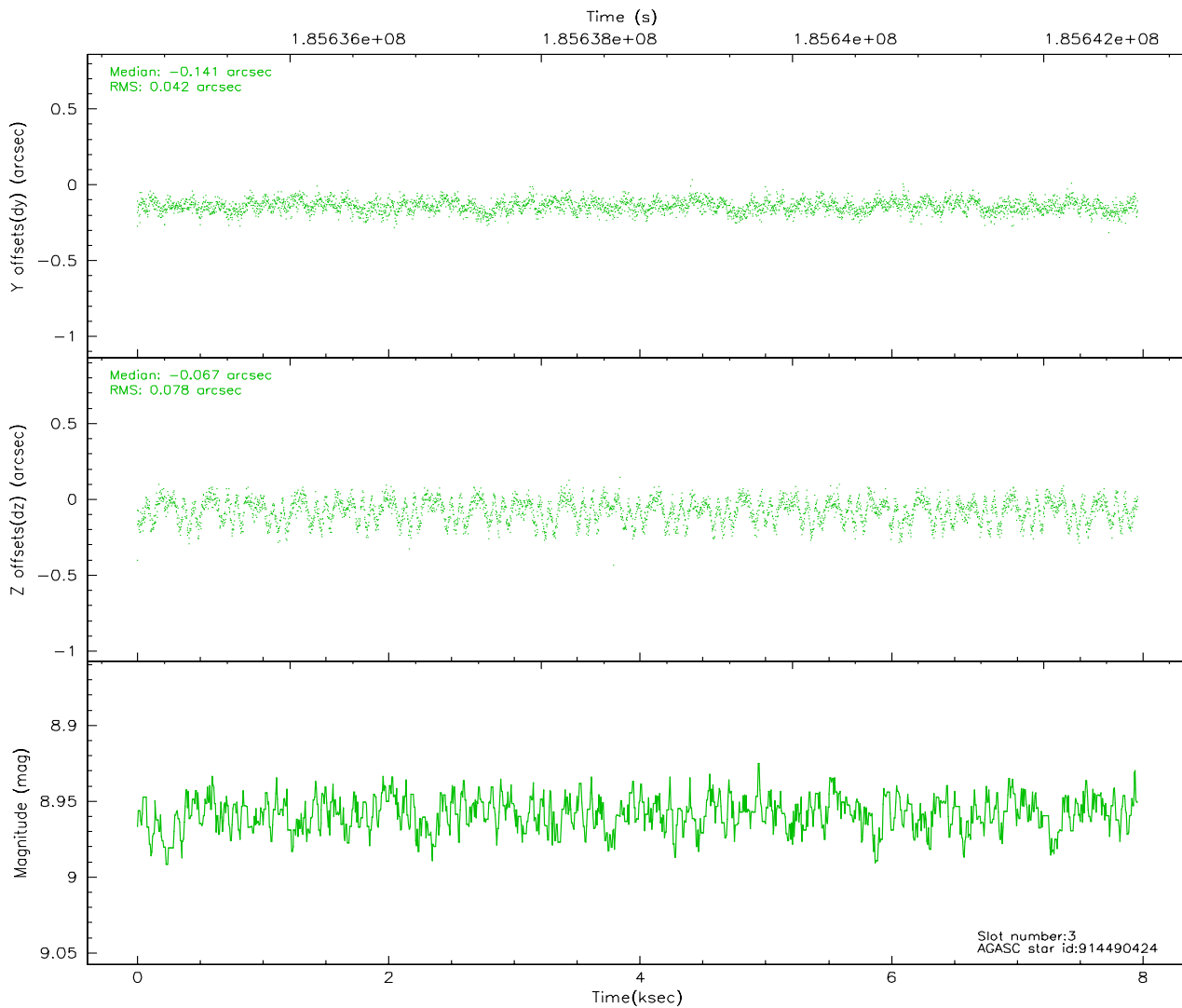
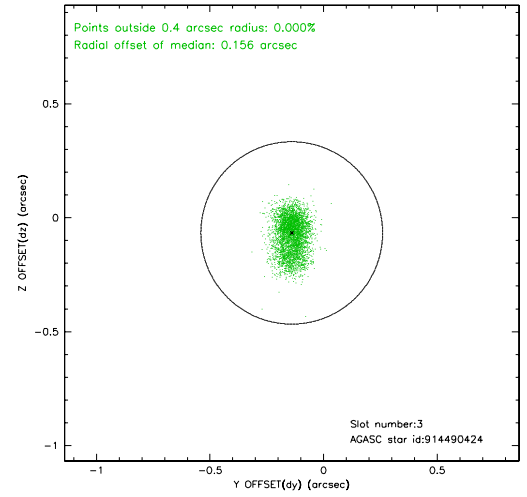
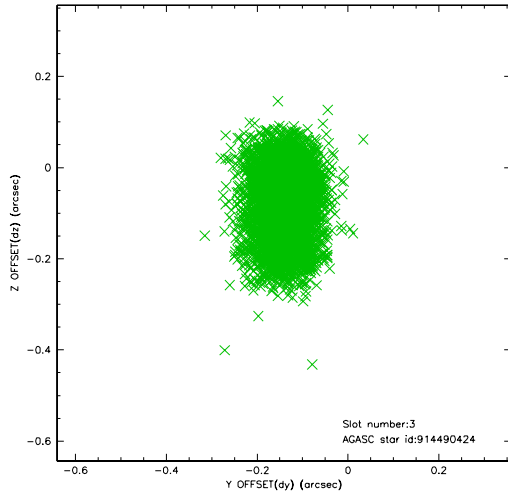


### Slot Statistics

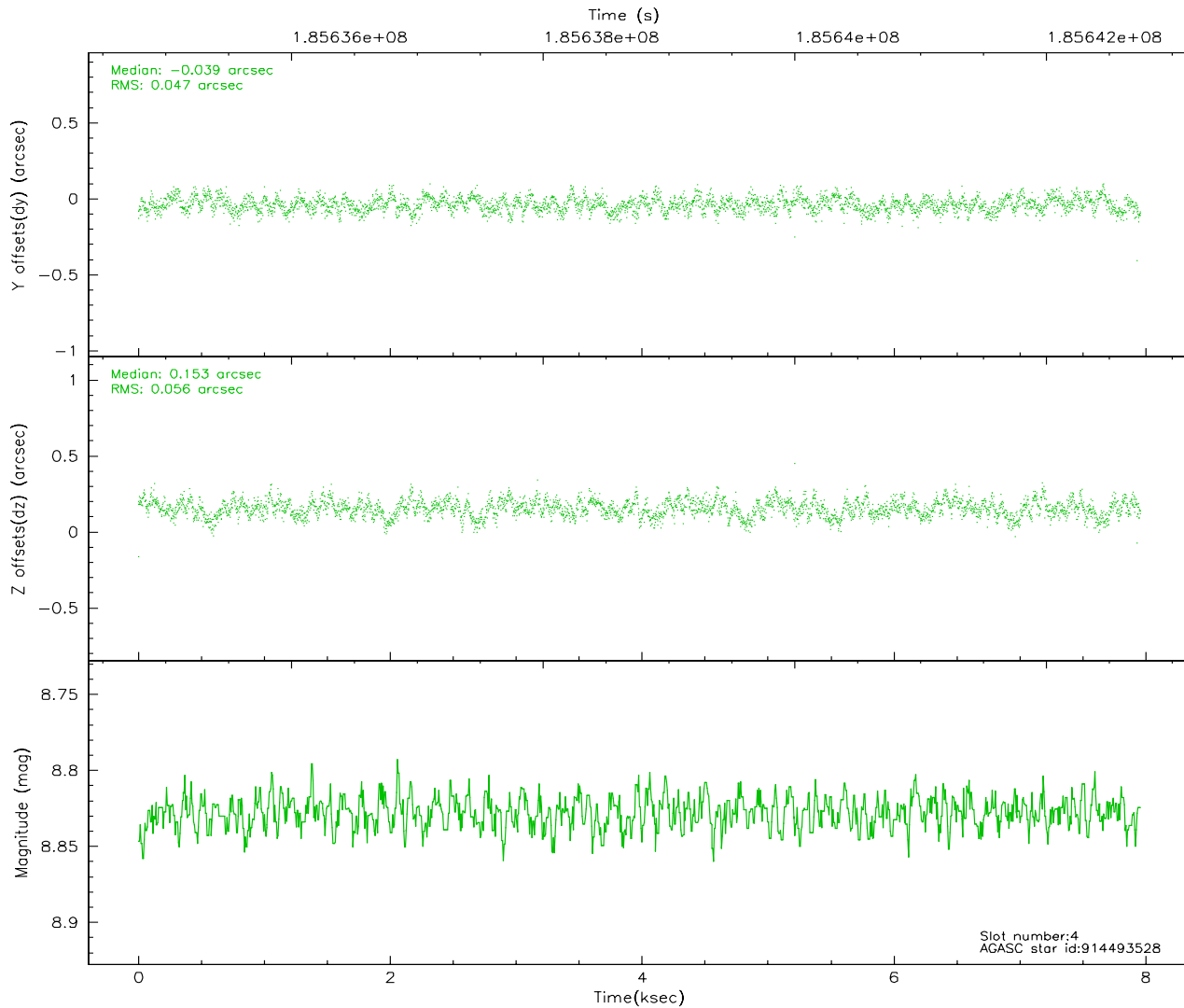
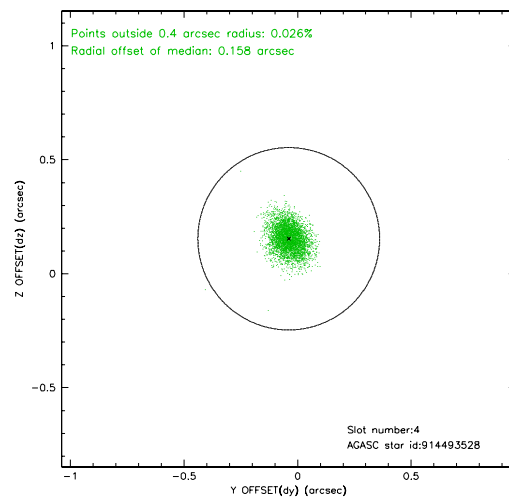
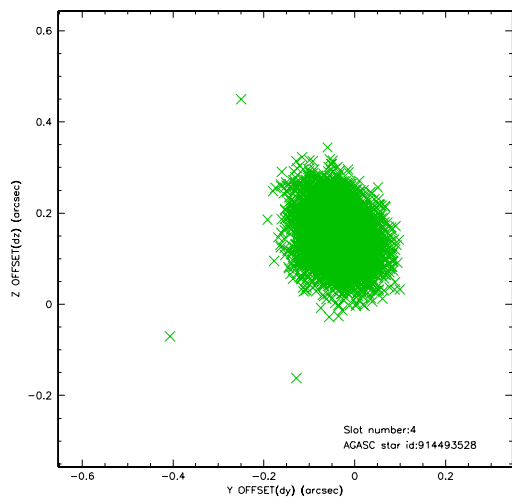
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1943	0.078	0.145	0.006	0.011	0.000000	0.000000	936.64	-1963.61
1	FID	ACIS-S-5	7.23	1942	-0.040	0.125	0.006	0.011	0.000000	0.000000	-1811.97	-66.79
2	FID	ACIS-S-6	7.42	1943	-0.059	-0.259	0.007	0.012	0.000000	0.000000	401.44	577.46
3	GUIDE	914490424	8.96	3884	-0.141	-0.067	0.094	0.154	343.728283	-27.849583	-1479.51	-2027.51
4	GUIDE	914493528	8.83	3885	-0.039	0.153	0.077	0.126	345.054447	-27.923190	652.30	1623.64
5	GUIDE	914494408	8.51	3884	0.011	-0.179	0.069	0.115	344.009477	-28.023837	-519.04	-1505.59
6	GUIDE	914495696	8.26	3885	0.094	-0.097	0.057	0.091	344.670131	-28.149789	827.57	165.67
7	GUIDE	914496296	7.52	3883	0.072	0.200	0.051	0.081	344.428515	-27.966097	-108.44	-221.65

## 2.4 Star Slots

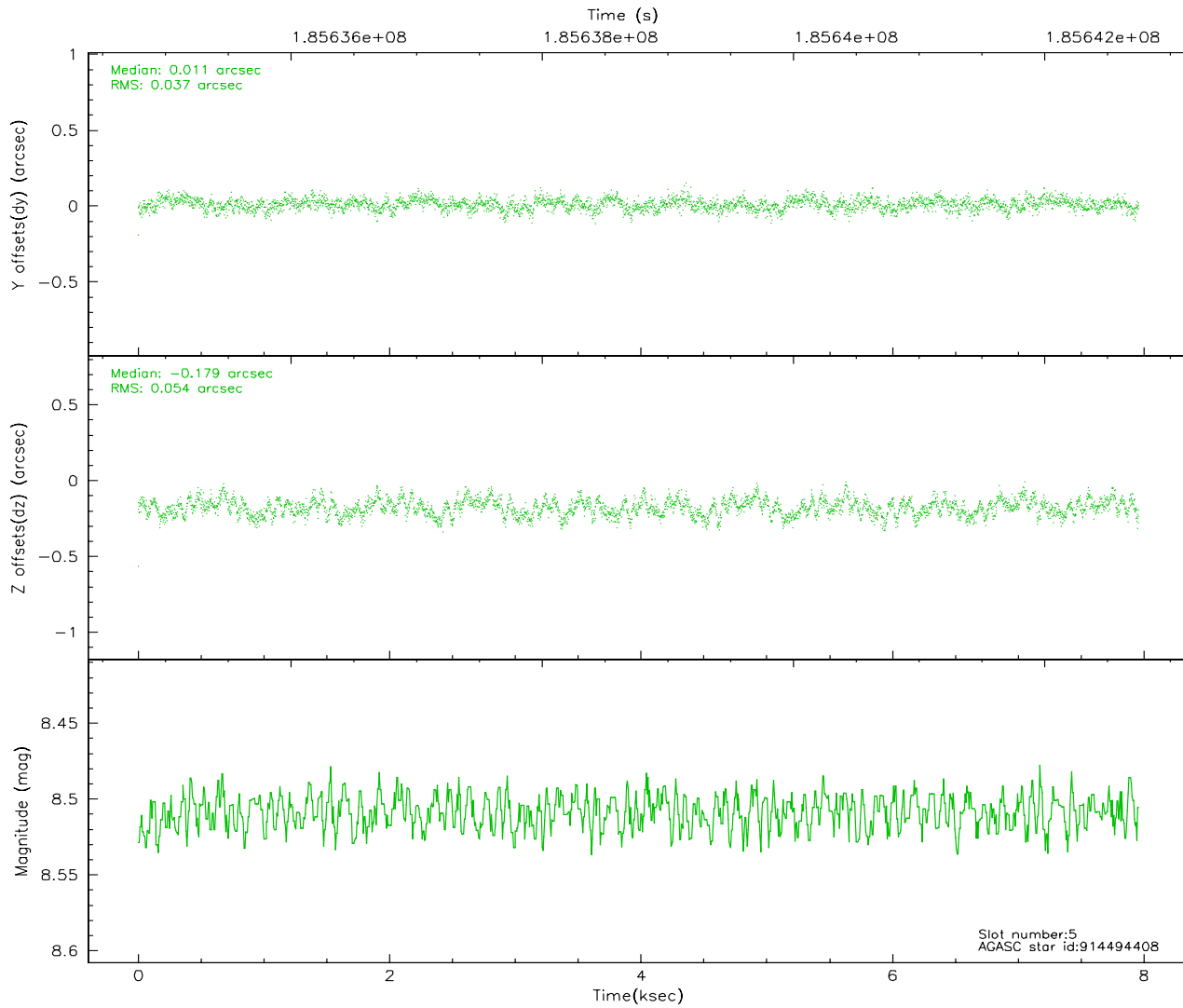
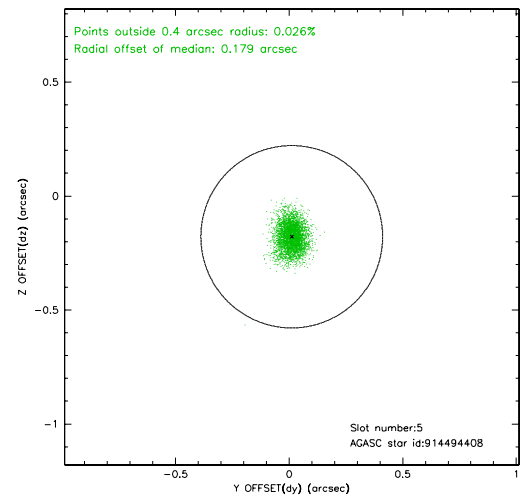
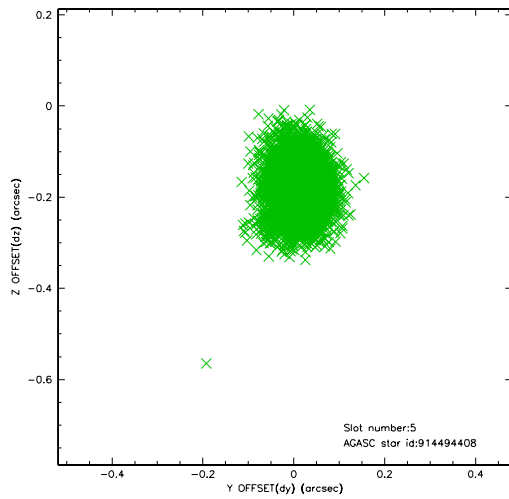
### 2.4.1 Slot 3



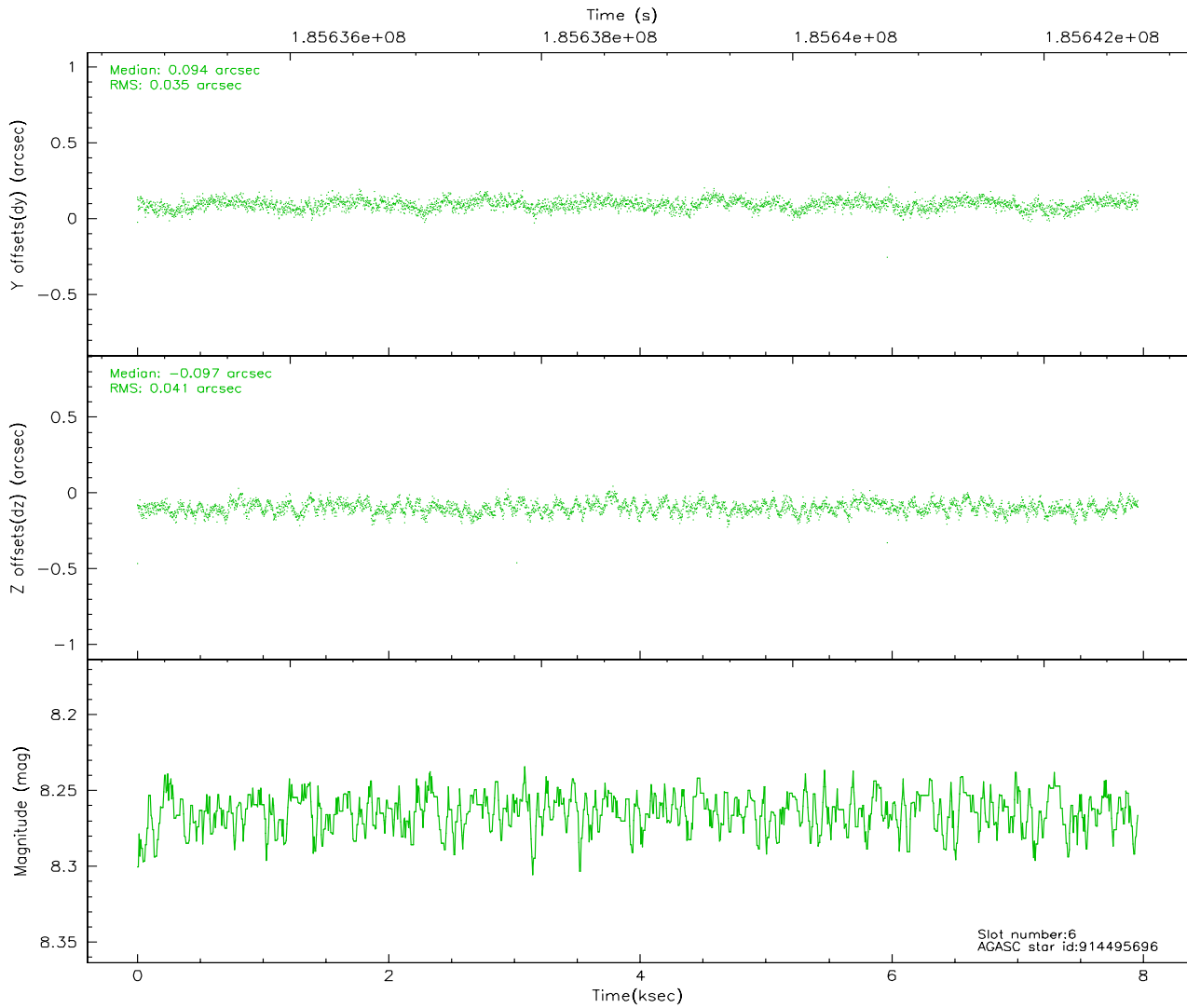
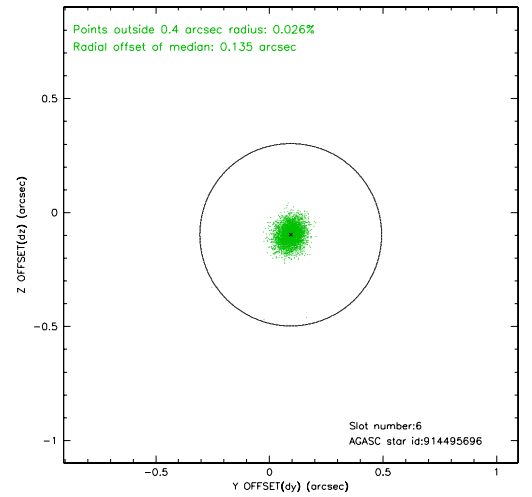
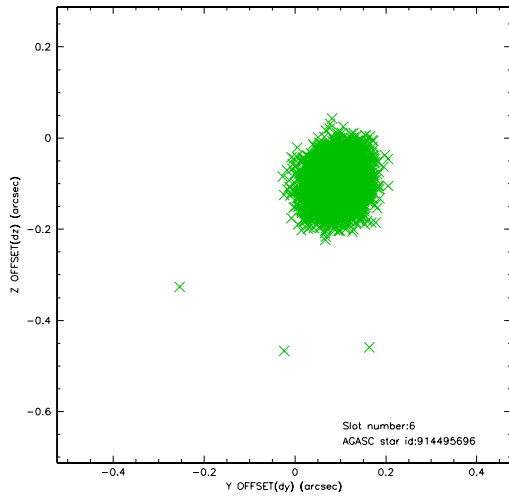
## 2.4.2 Slot 4



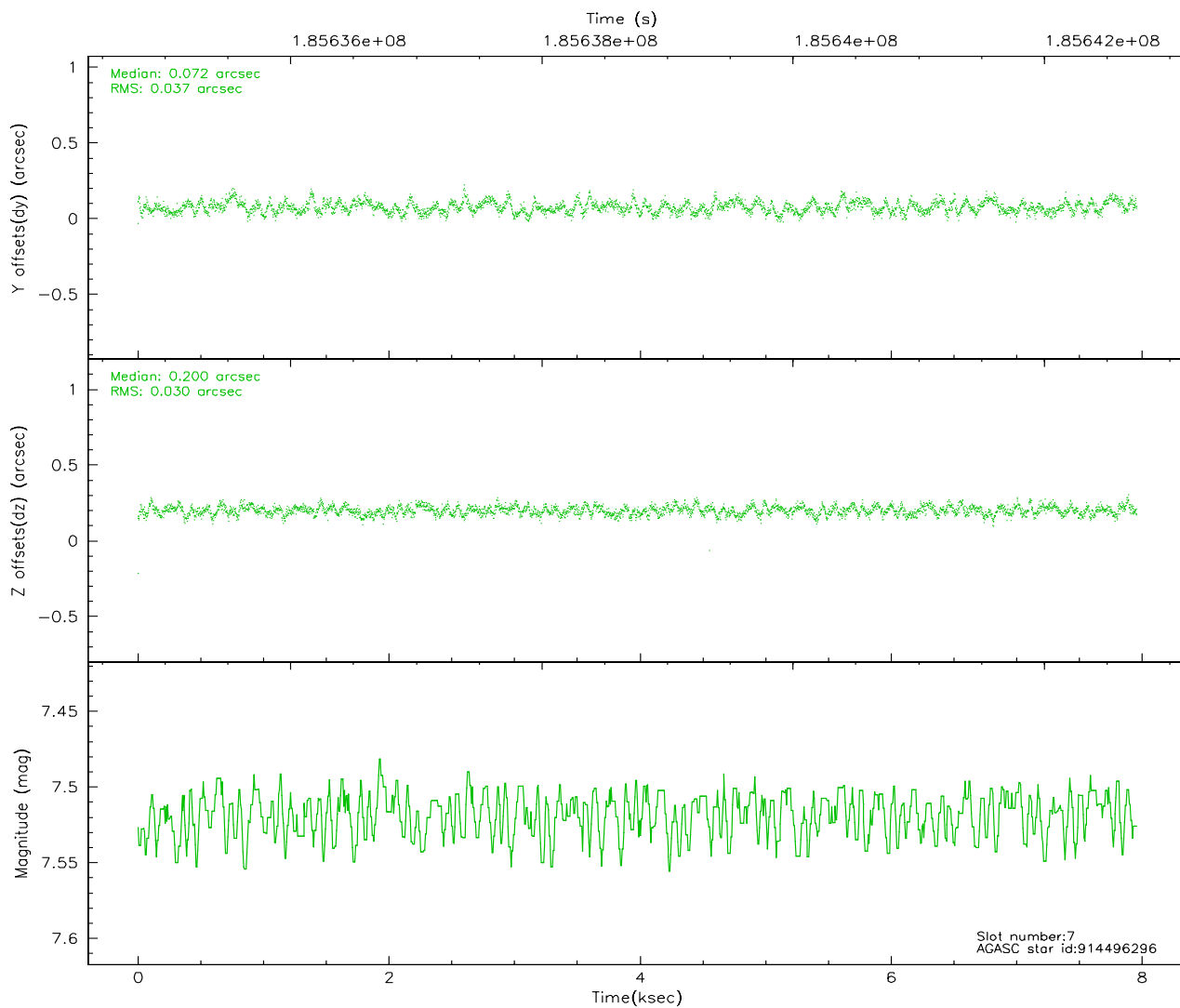
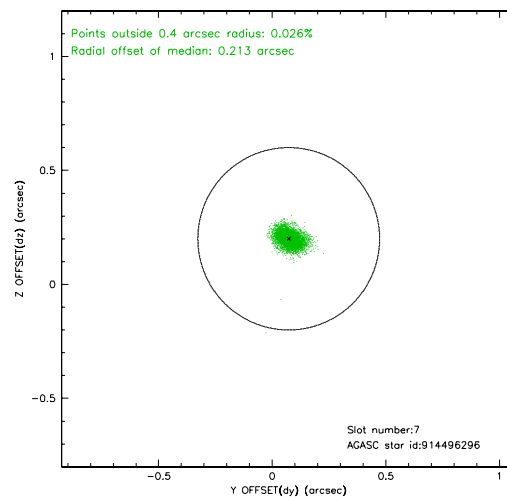
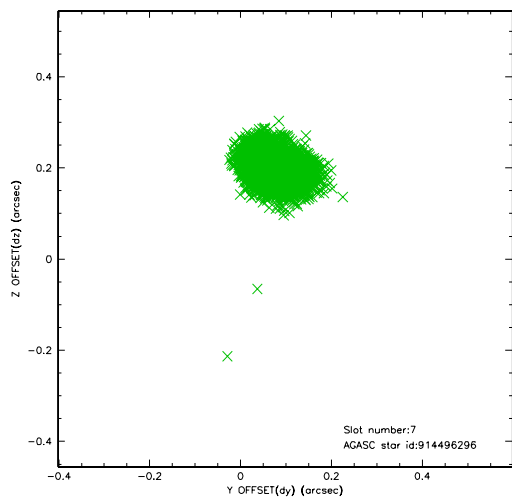
### 2.4.3 Slot 5



### 2.4.4 Slot 6

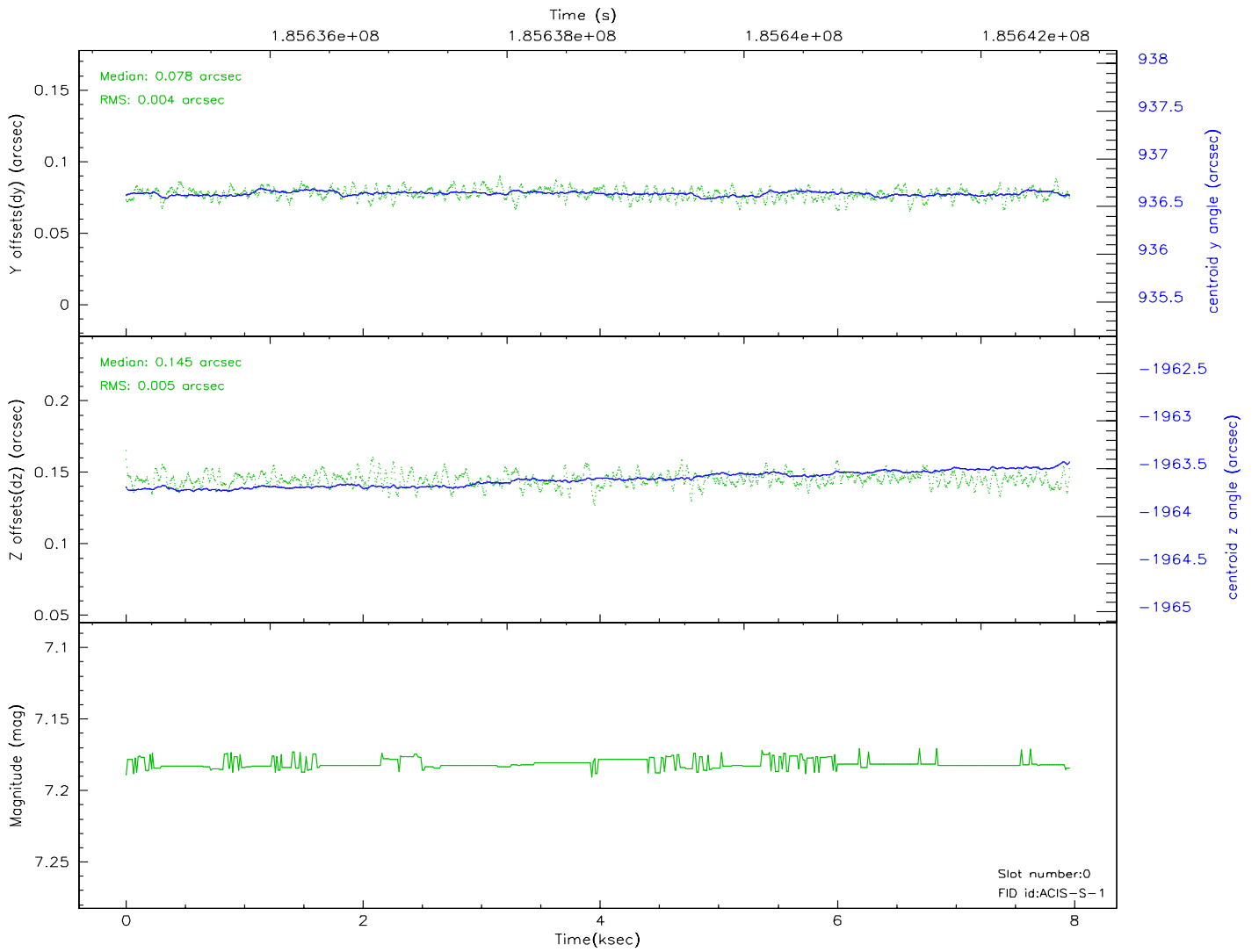
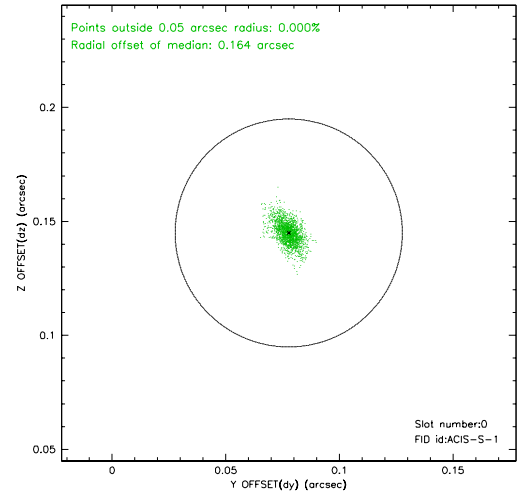
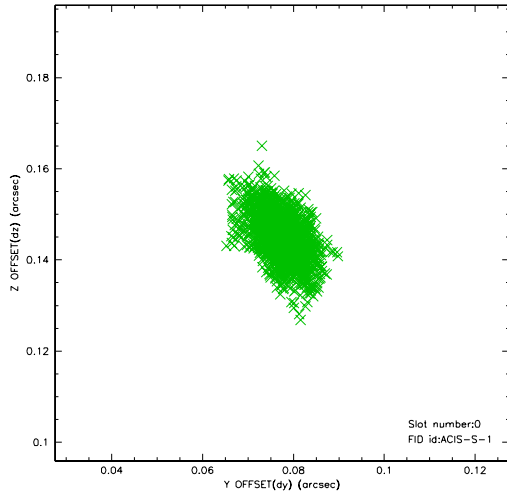


## 2.4.5 Slot 7

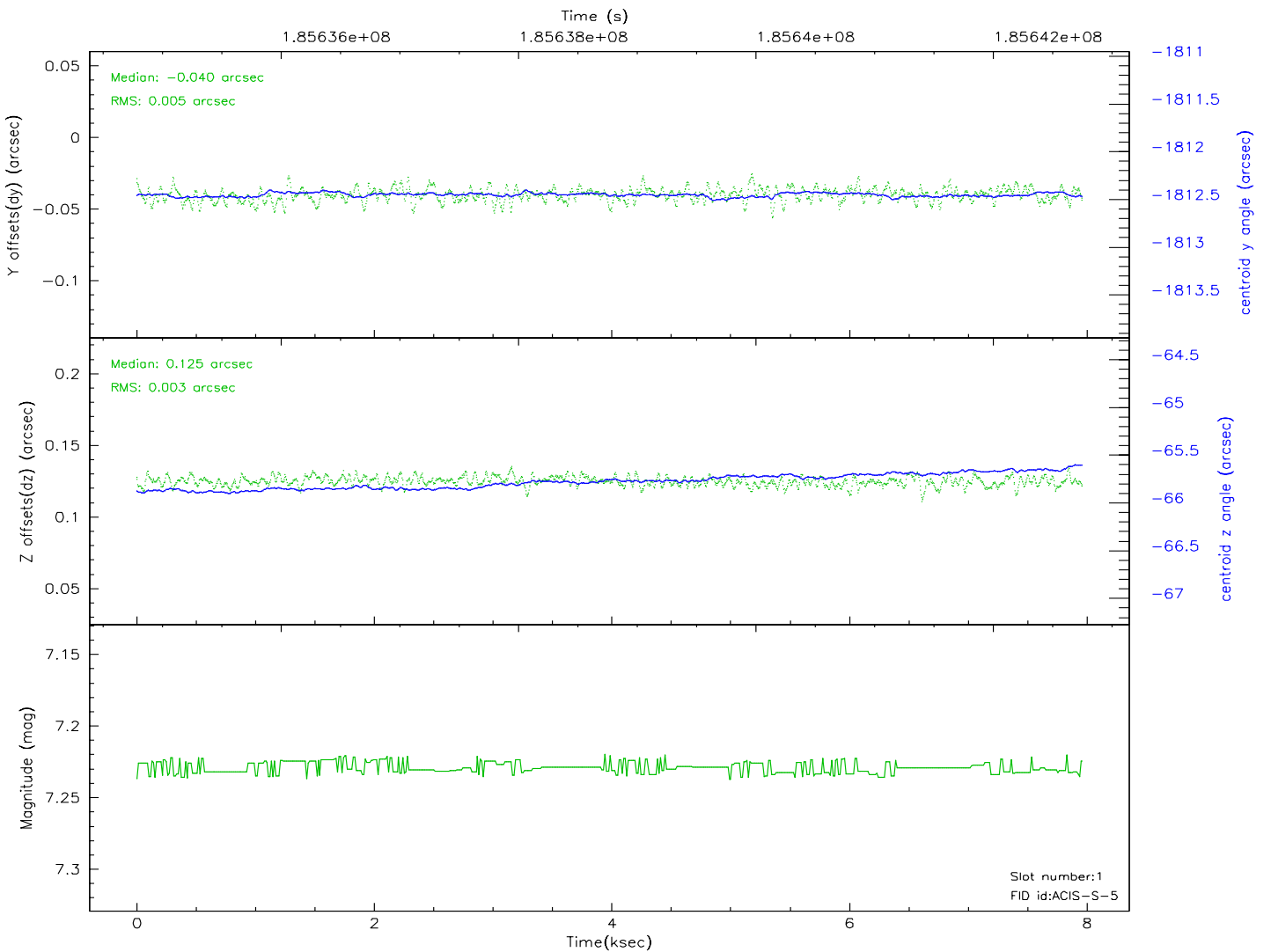
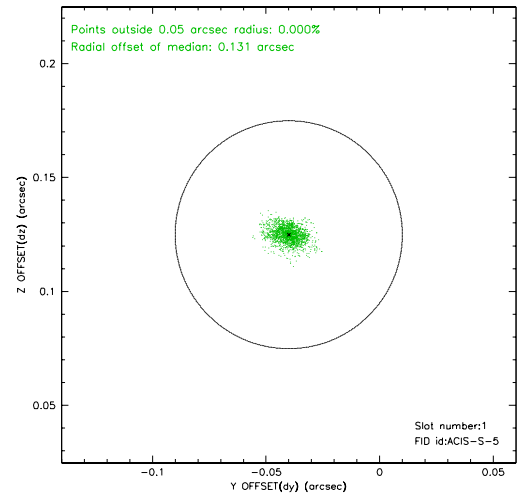
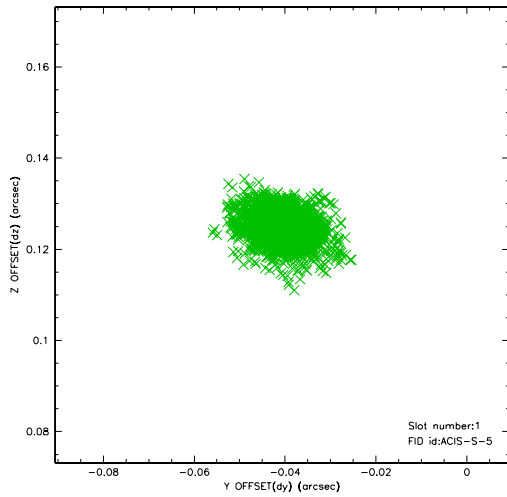


## 2.5 FID Slots

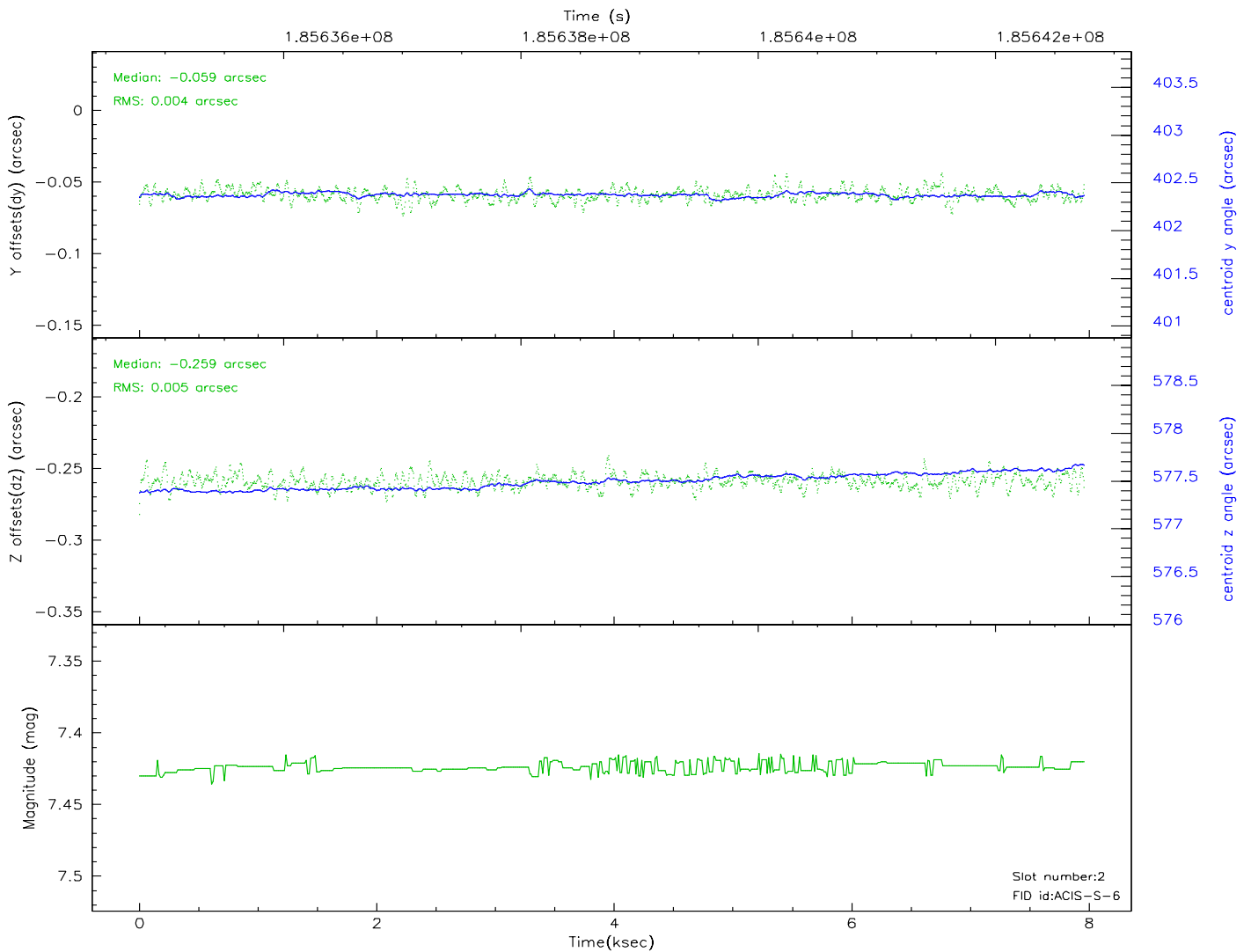
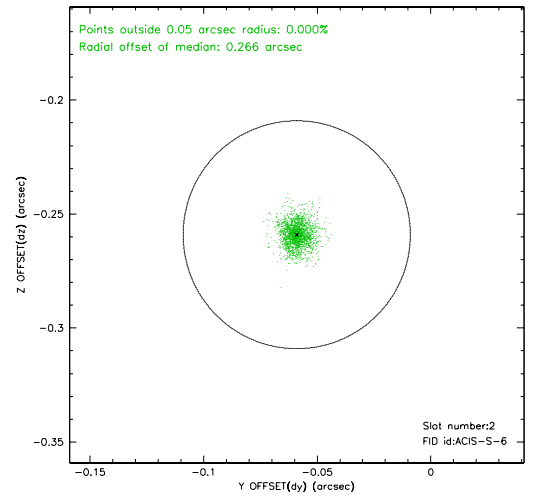
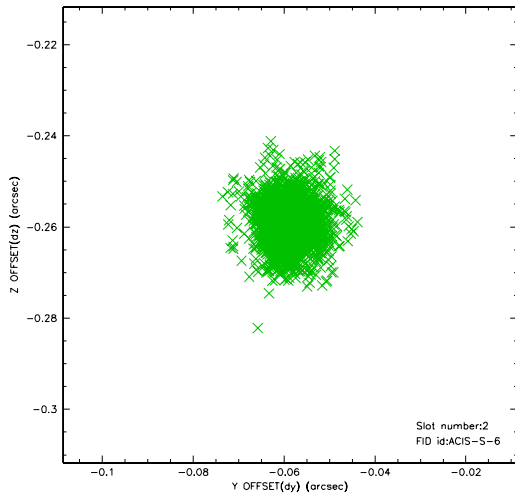
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources

2.50 arcmin



# A Summary

## A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.858

## A.2 Comments