

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5244 - L2 Version 001  
Chandra X-Ray Center

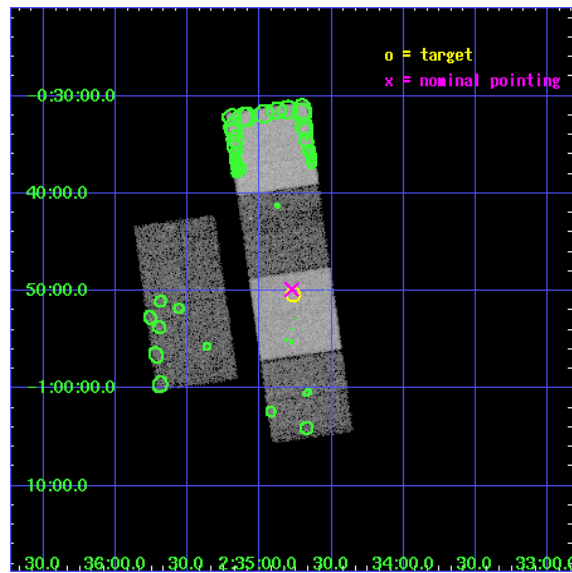
L2 Processing Date : Apr 16 2006

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# 1 Front

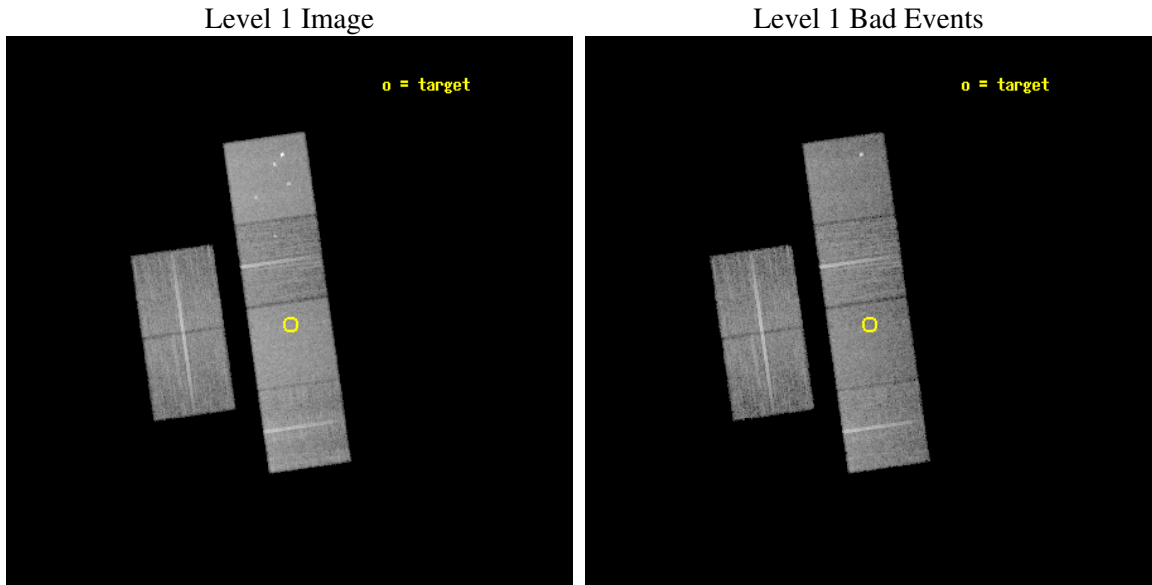
seq_num	701009
obs_id	5244
title	Characterization of quiescent X-ray emission from peculiar X-ray flash sources
observer	Dr Mariano Mendez
object	PKS J0234-0049
dtcycle	0
cycle	P
ra_targ	38.69125
dec_targ	-0.840028
ra_nom	38.694271157813
dec_nom	-0.83086160724269
roll_nom	81.878020737422
revision	2
ontime	13459.199949861
livetime	13288.771455938
ontime2	13459.199949861
ontime3	13459.199949861
ontime5	13459.199949861
ontime6	13459.199949861
ontime7	13459.199949861
ontime8	13459.199949861
l2events	156809



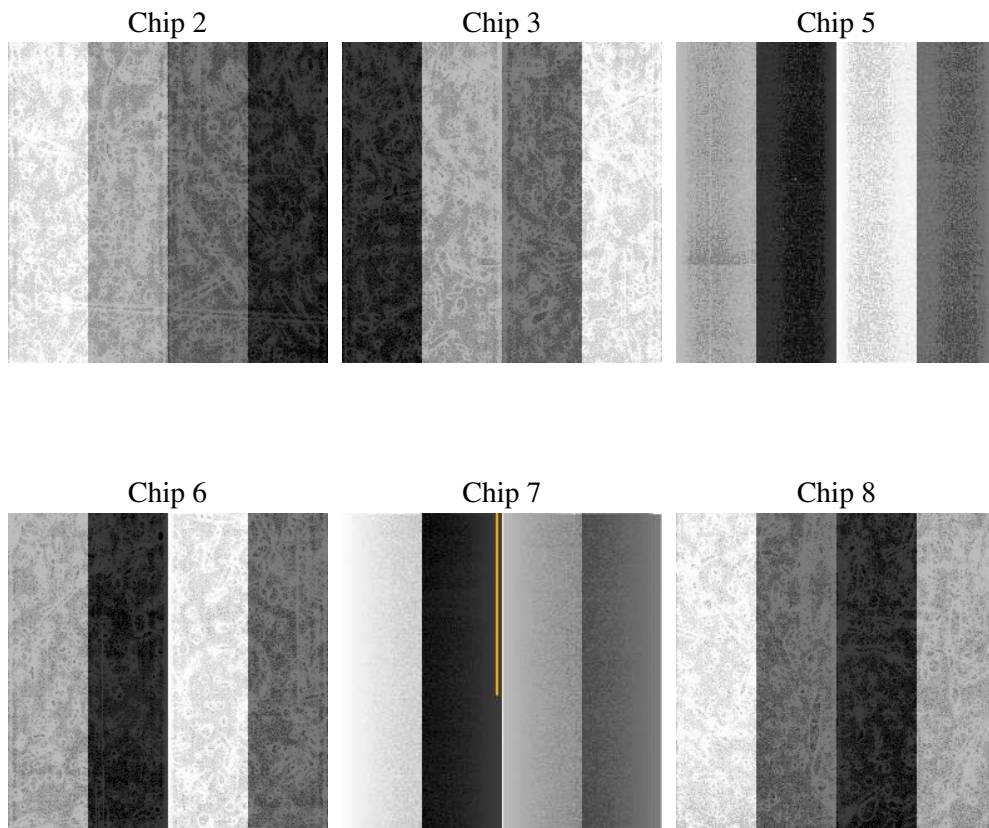
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-16T20:26:05
revision	2

sched_exp_time	13500.000000
ontime	13463.147851706
ontime2	13463.147851706
ontime3	13463.147851706
ontime5	13463.147851706
ontime6	13463.147851706
ontime7	13463.147851706
ontime8	13463.147851706
l1events	725035

### 2.1.4 Events

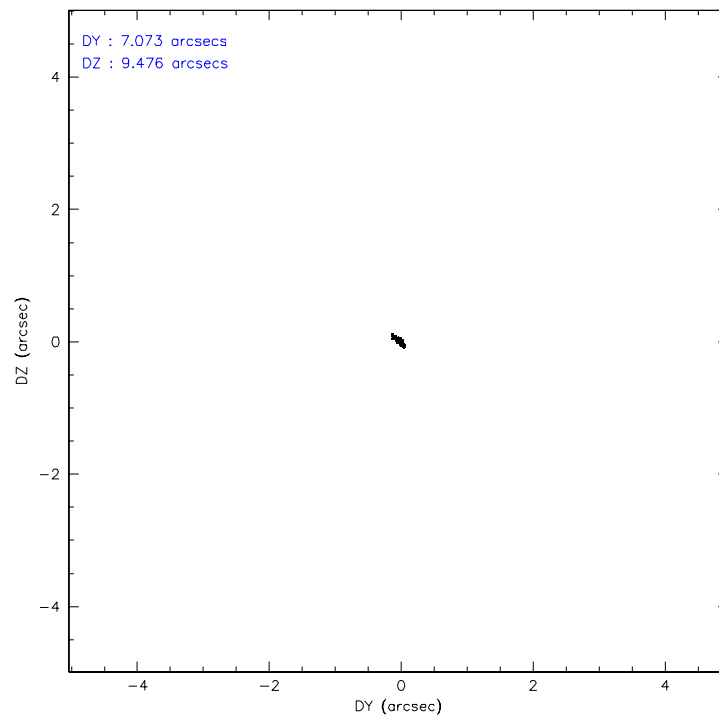
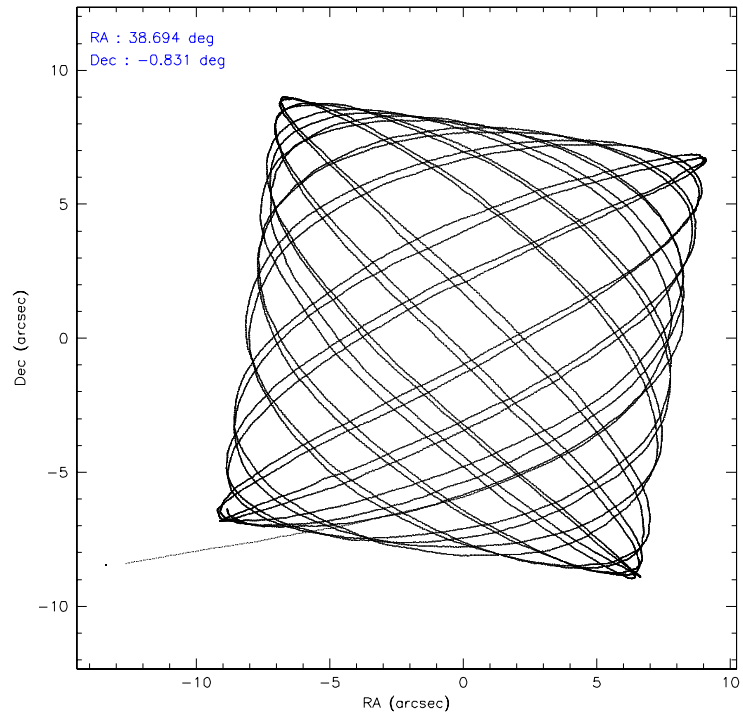
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	103647	97851	153151	104468	139090	126828
rejected events	91688	86489	85911	92181	86565	99277
rejected %	88%	88%	56%	88%	62%	78%

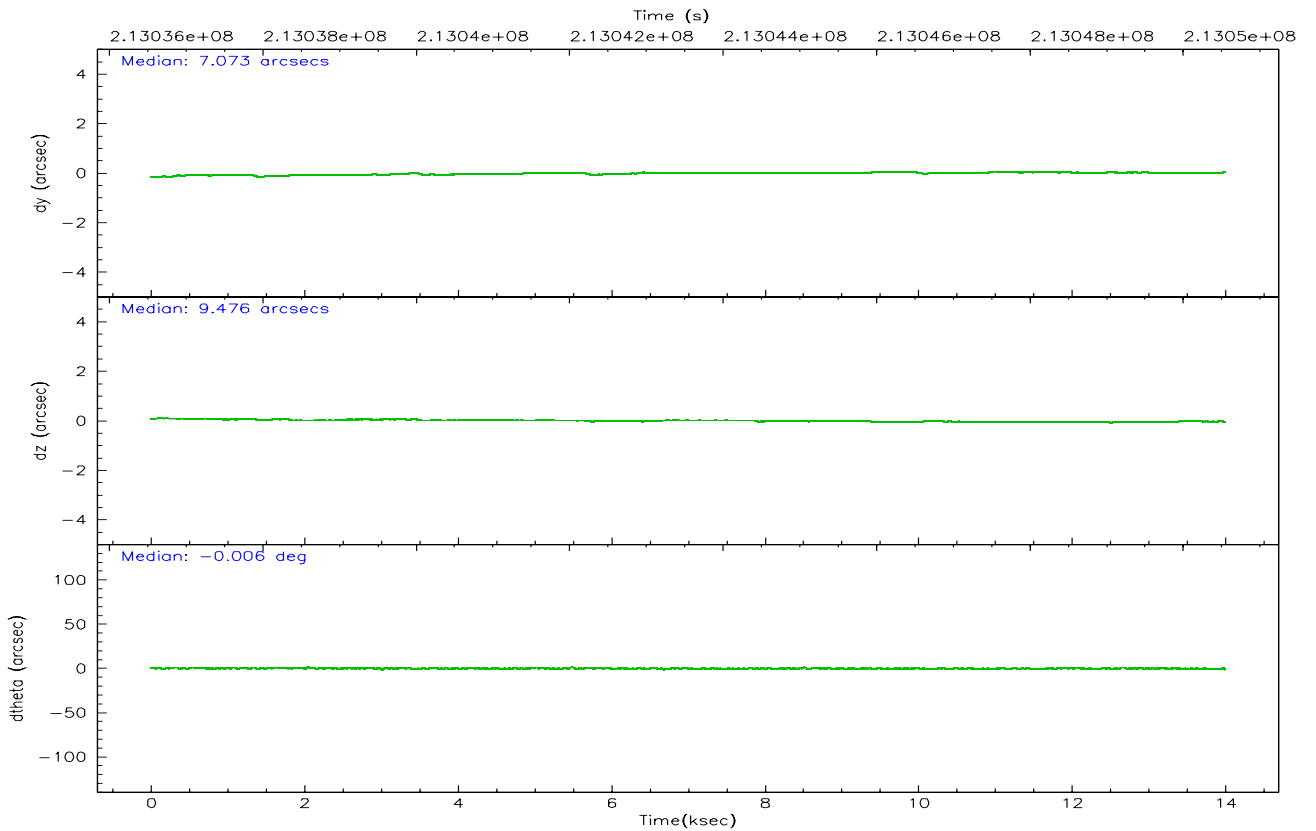
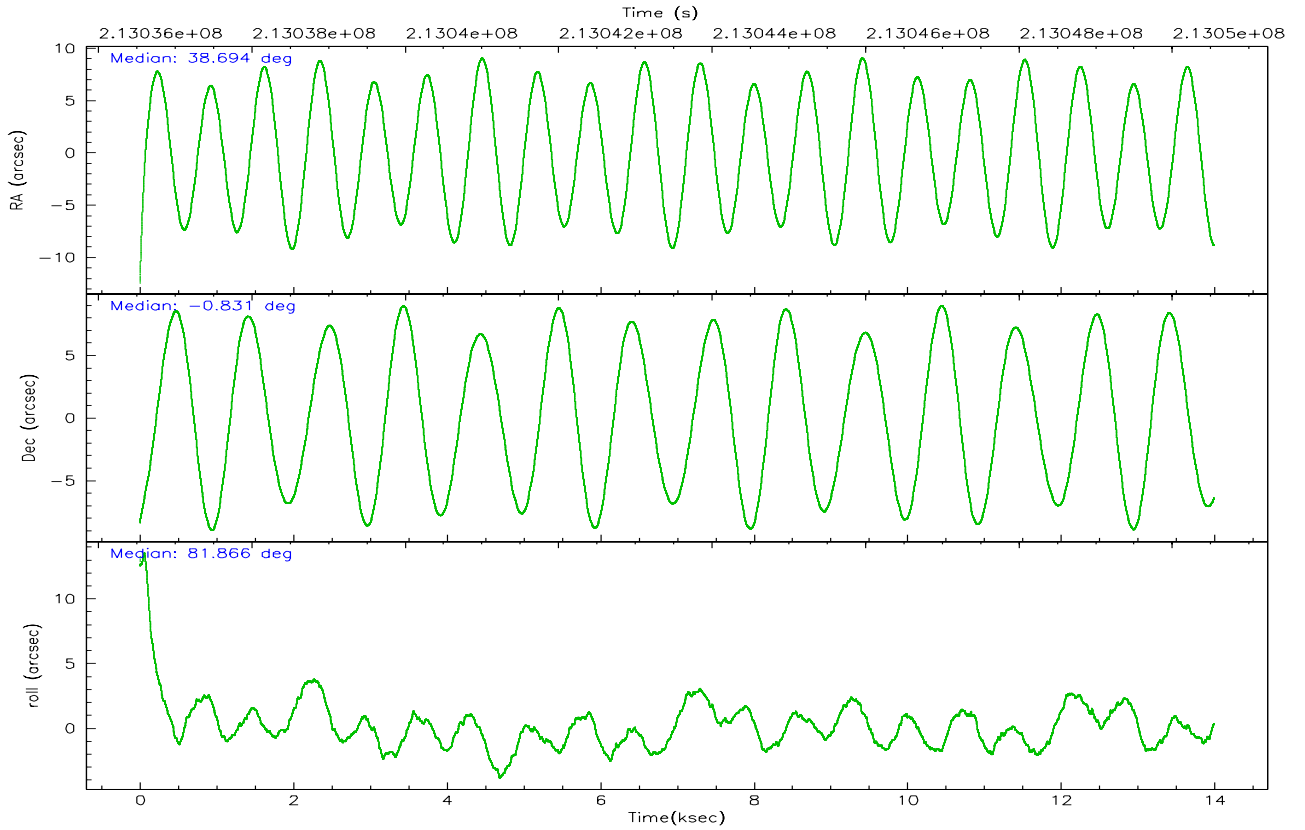
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5113	4963	4579	4936	2872	8473
	4%	5%	2%	4%	2%	6%
grade 1 events	70	56	117	49	104	97
	0%	0%	0%	0%	0%	0%
grade 2 events	2505	2177	21528	2513	13192	6112
	2%	2%	14%	2%	9%	4%
grade 3 events	1146	1176	1499	1229	2641	2789
	1%	1%	0%	1%	1%	2%
grade 4 events	1143	1115	1223	1178	2531	2713
	1%	1%	0%	1%	1%	2%
grade 5 events	4063	4456	7776	4613	9202	6059
	3%	4%	5%	4%	6%	4%
grade 6 events	2052	1933	38418	2437	31302	7474
	1%	1%	25%	2%	22%	5%
grade 7 events	87555	81975	78011	87513	77246	93111
	84%	83%	50%	83%	55%	73%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	NONE	NONE
Pointing RA	38.704765	38.69427115781262	Alternating exposures requested	N	N
Pointing Dec	-0.855975	-0.8308616072426923	Primary exposure time	0.000000	3.2
Pointing Roll	81.721543	81.87802073742159			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	213037040.184000	213035765.78295			
Observation start date	2004-10-01T16:56:16	2004-10-01T16:36:05			
Observation end time	213050540.184000	213051279.67115			
Observation end date	2004-10-01T20:41:16	2004-10-01T20:54:39			
Read mode	TIMED	TIMED			

## 2.3 Aspect



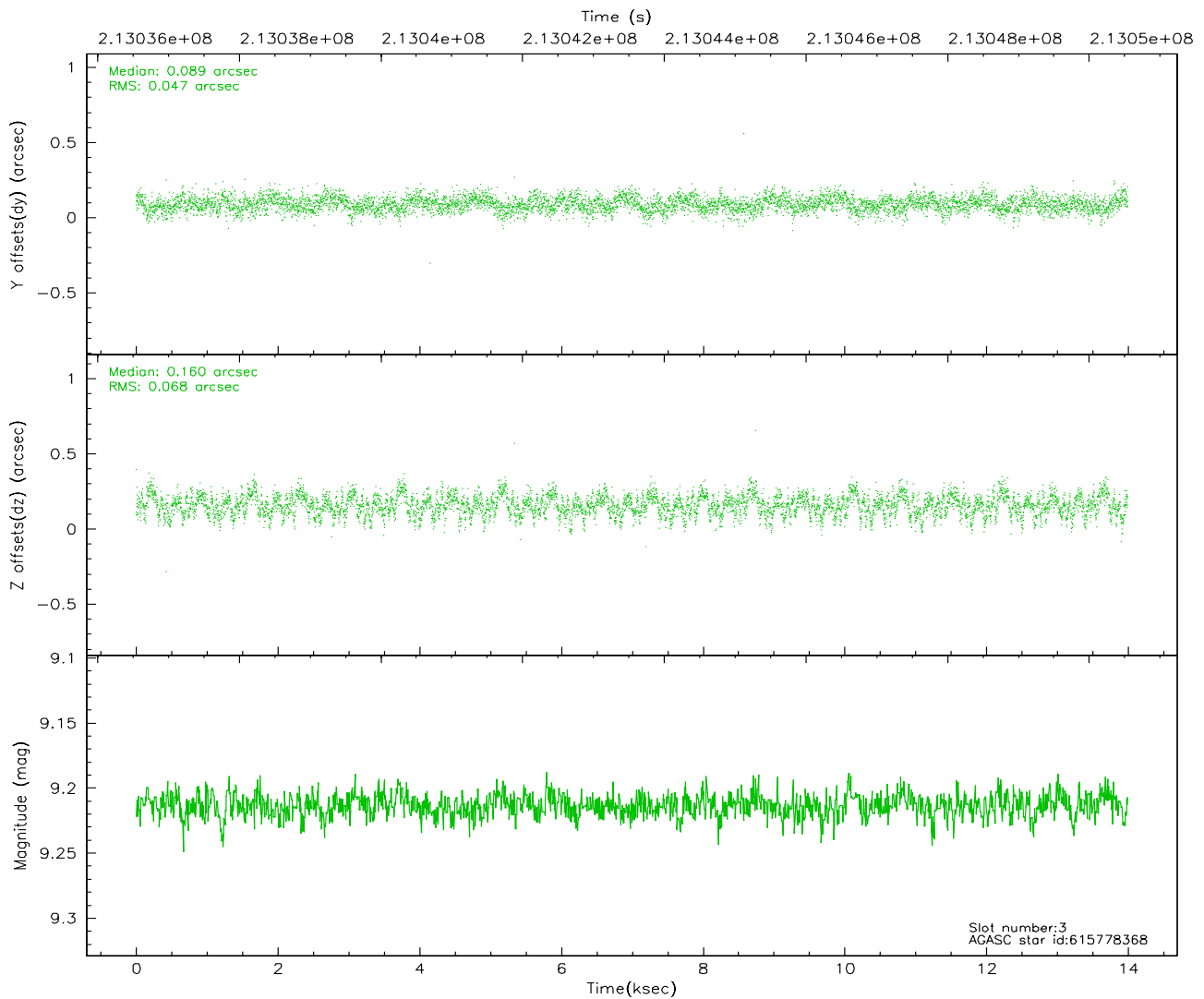
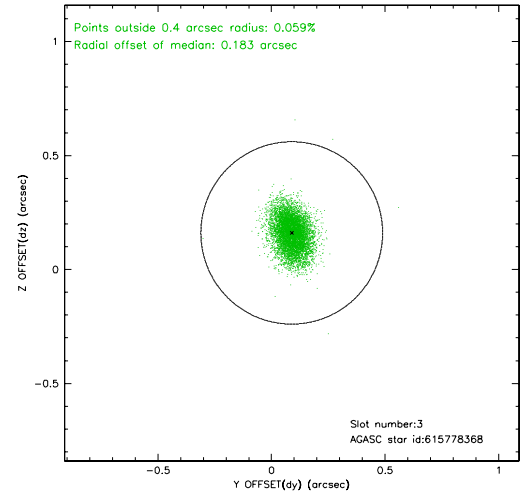
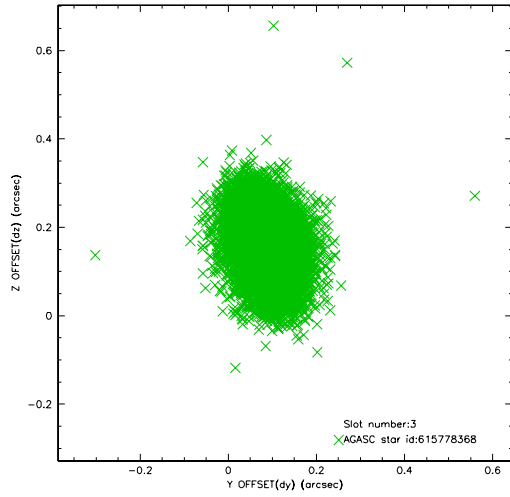


### Slot Statistics

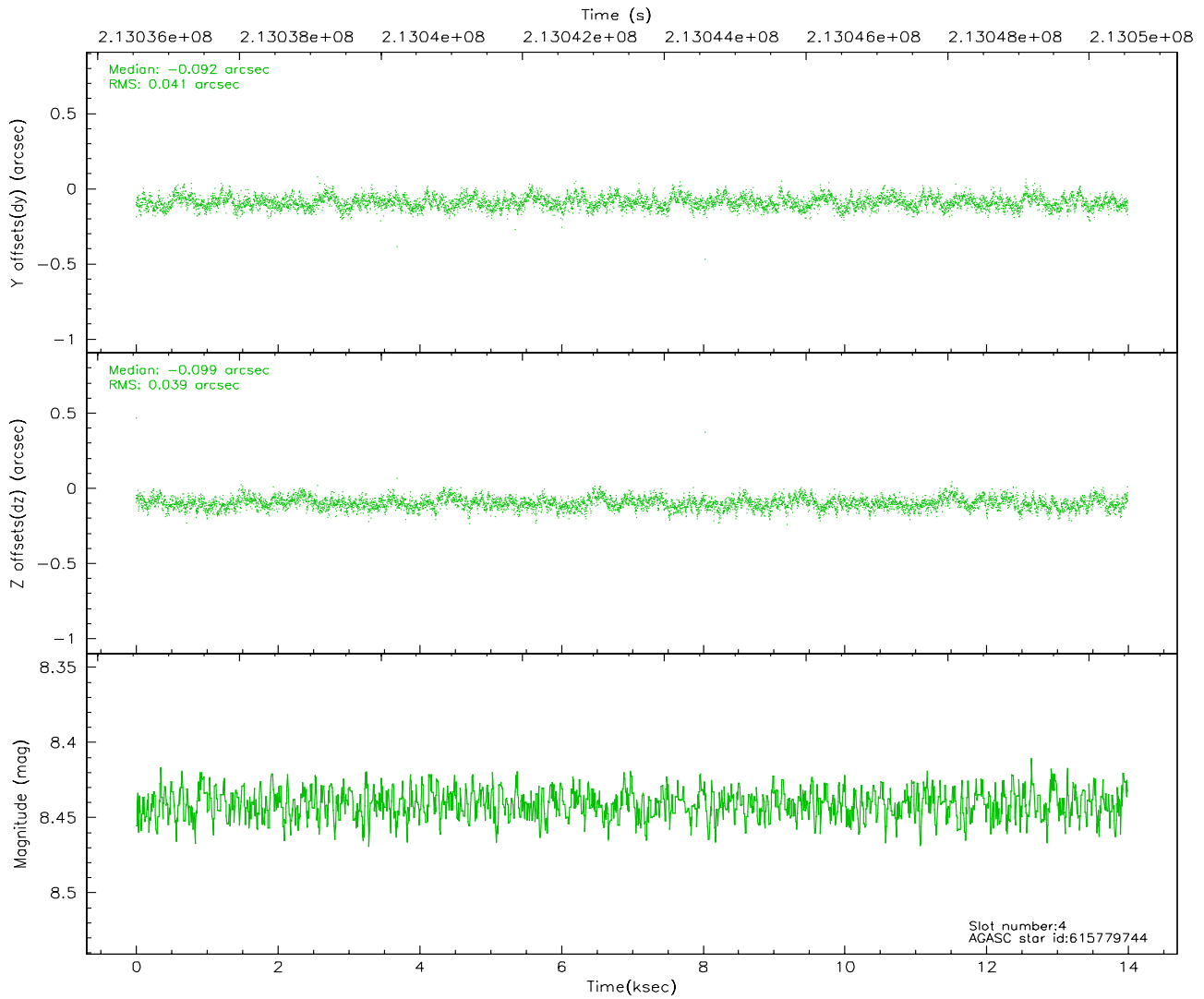
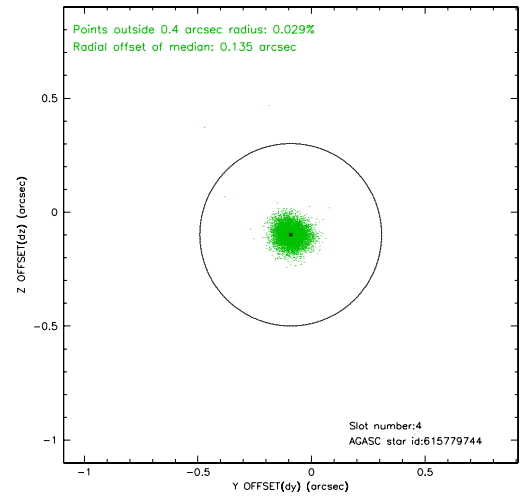
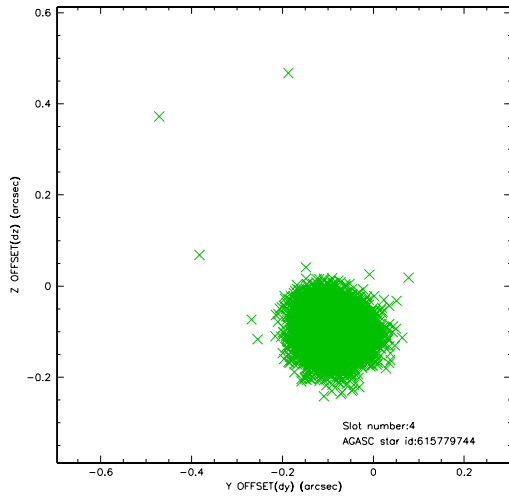
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	3415	0.009	0.010	0.007	0.011	0.000000	0.000000	936.24	-1726.33
1	FID	ACIS-S-5	7.24	3416	-0.034	0.016	0.007	0.011	0.000000	0.000000	-1812.61	170.88
2	FID	ACIS-S-6	7.35	3415	0.004	-0.014	0.007	0.011	0.000000	0.000000	401.43	815.20
3	GUIDE	615778368	9.21	6825	0.089	0.160	0.087	0.146	38.735505	-1.189108	-1170.43	-282.32
4	GUIDE	615779744	8.44	6829	-0.092	-0.099	0.060	0.096	38.723845	-0.370198	1740.47	183.97
5	GUIDE	615780704	8.85	6824	-0.049	0.208	0.075	0.125	38.952780	-0.349754	1932.54	-620.65
6	GUIDE	615777544	9.55	6828	0.131	-0.196	0.104	0.170	38.026395	-0.885081	-455.43	2400.90
7	GUIDE	615779224	8.60	6827	-0.079	-0.073	0.111	0.167	38.120893	-0.742469	101.09	2138.96

## 2.4 Star Slots

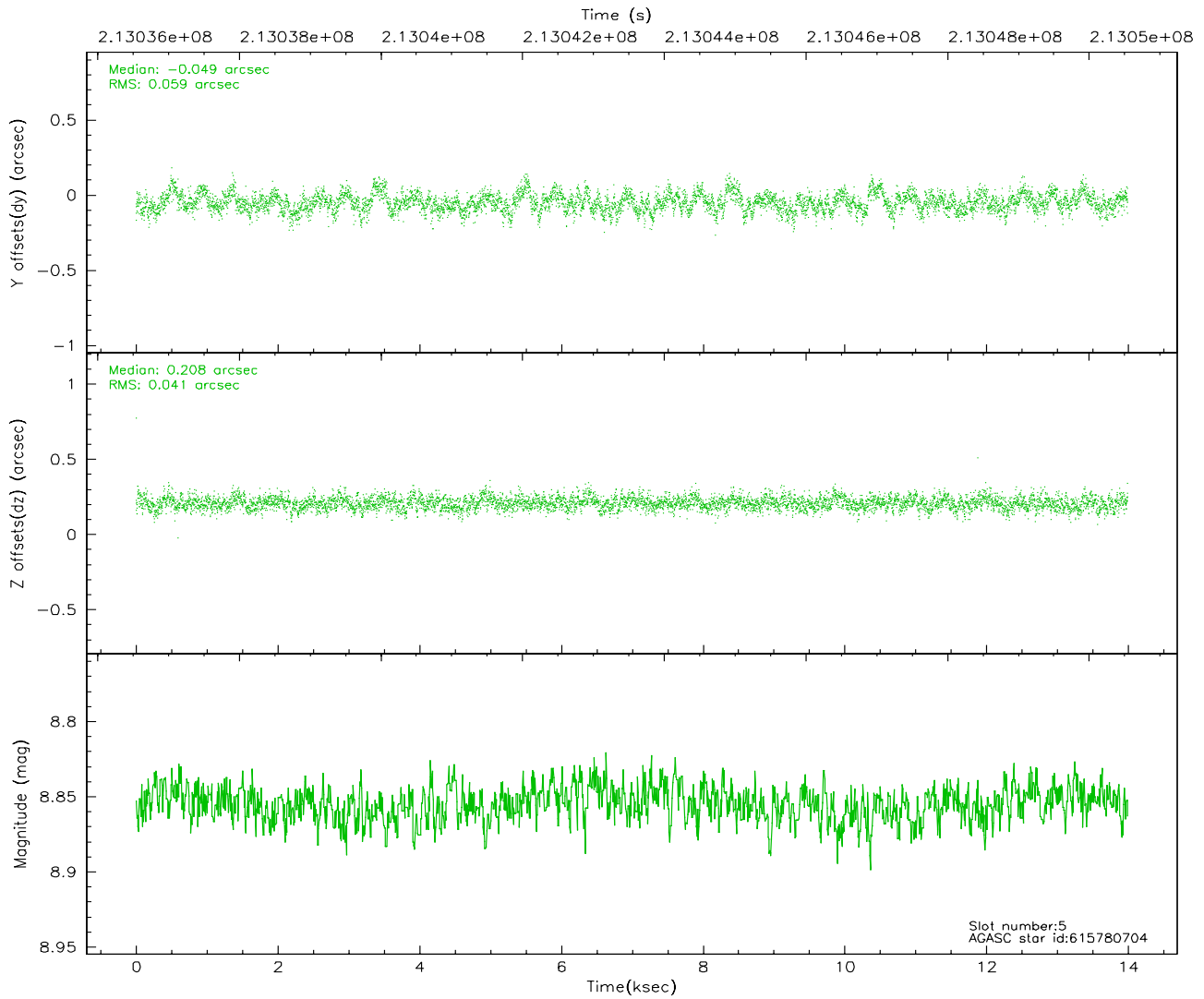
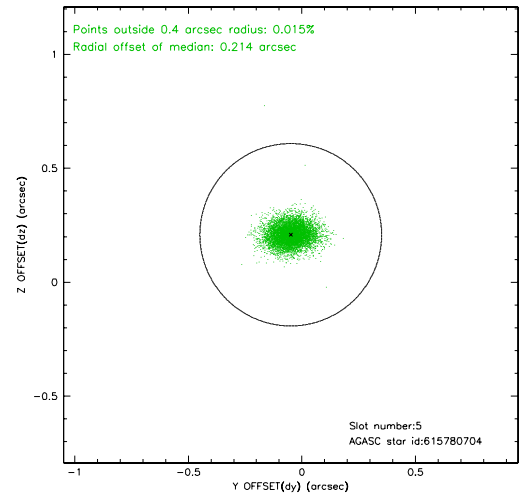
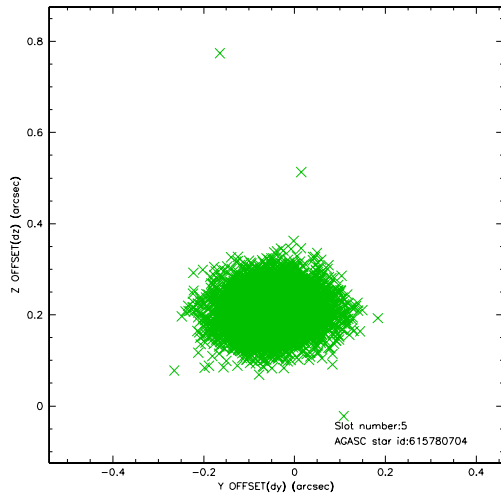
### 2.4.1 Slot 3



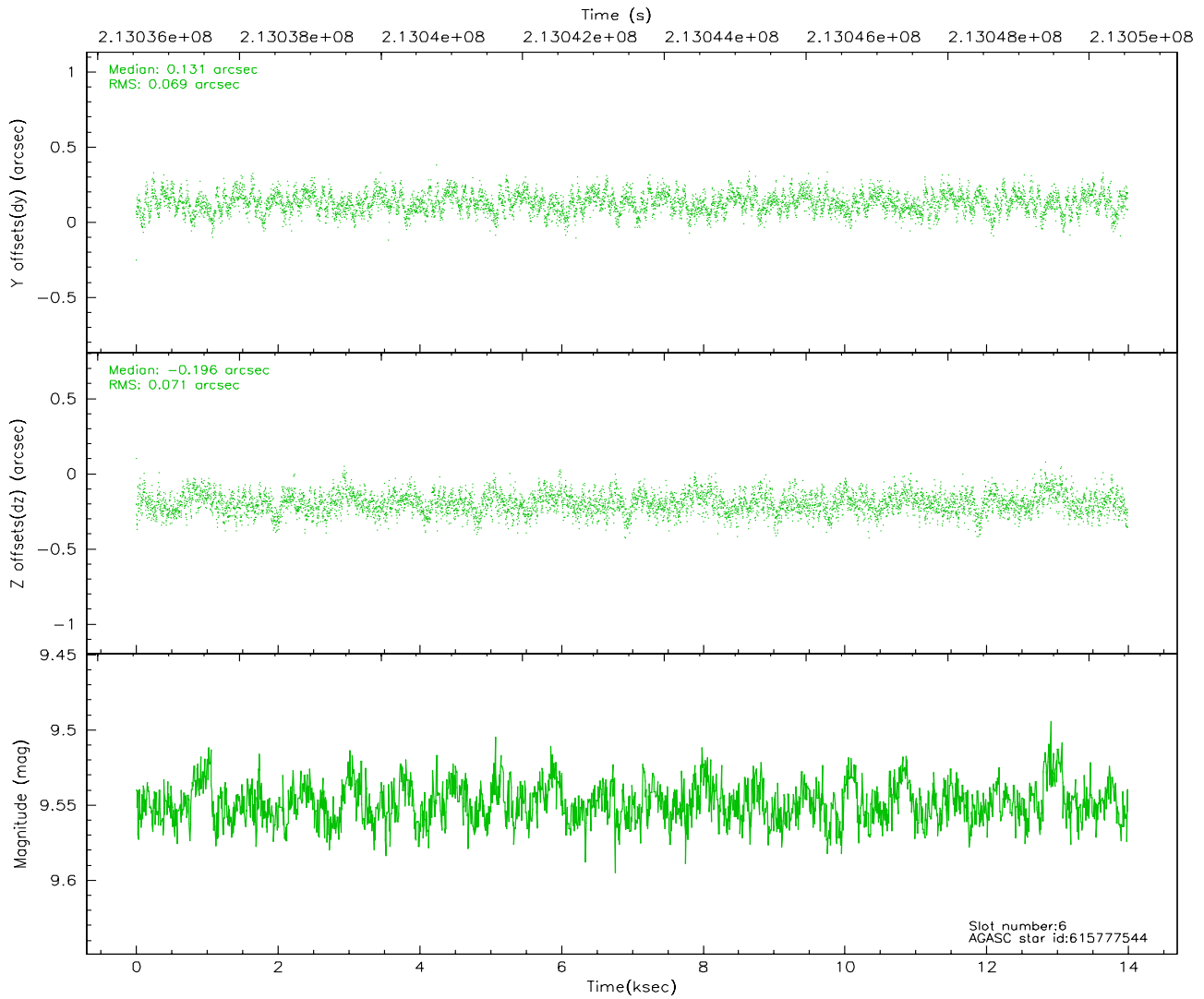
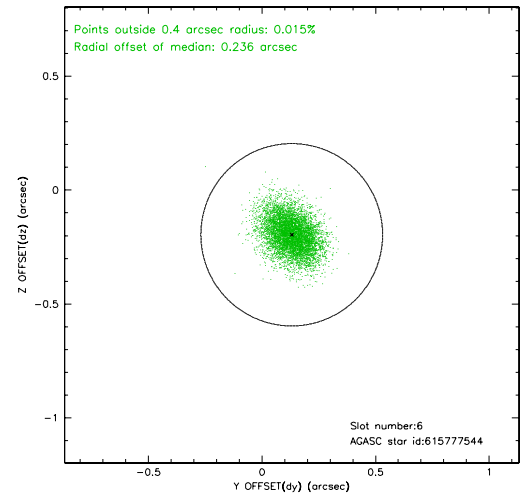
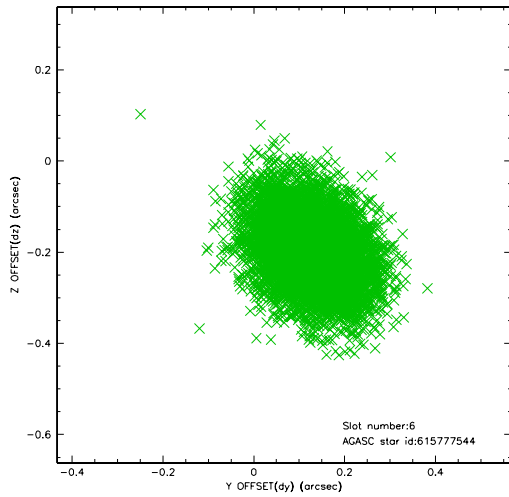
## 2.4.2 Slot 4



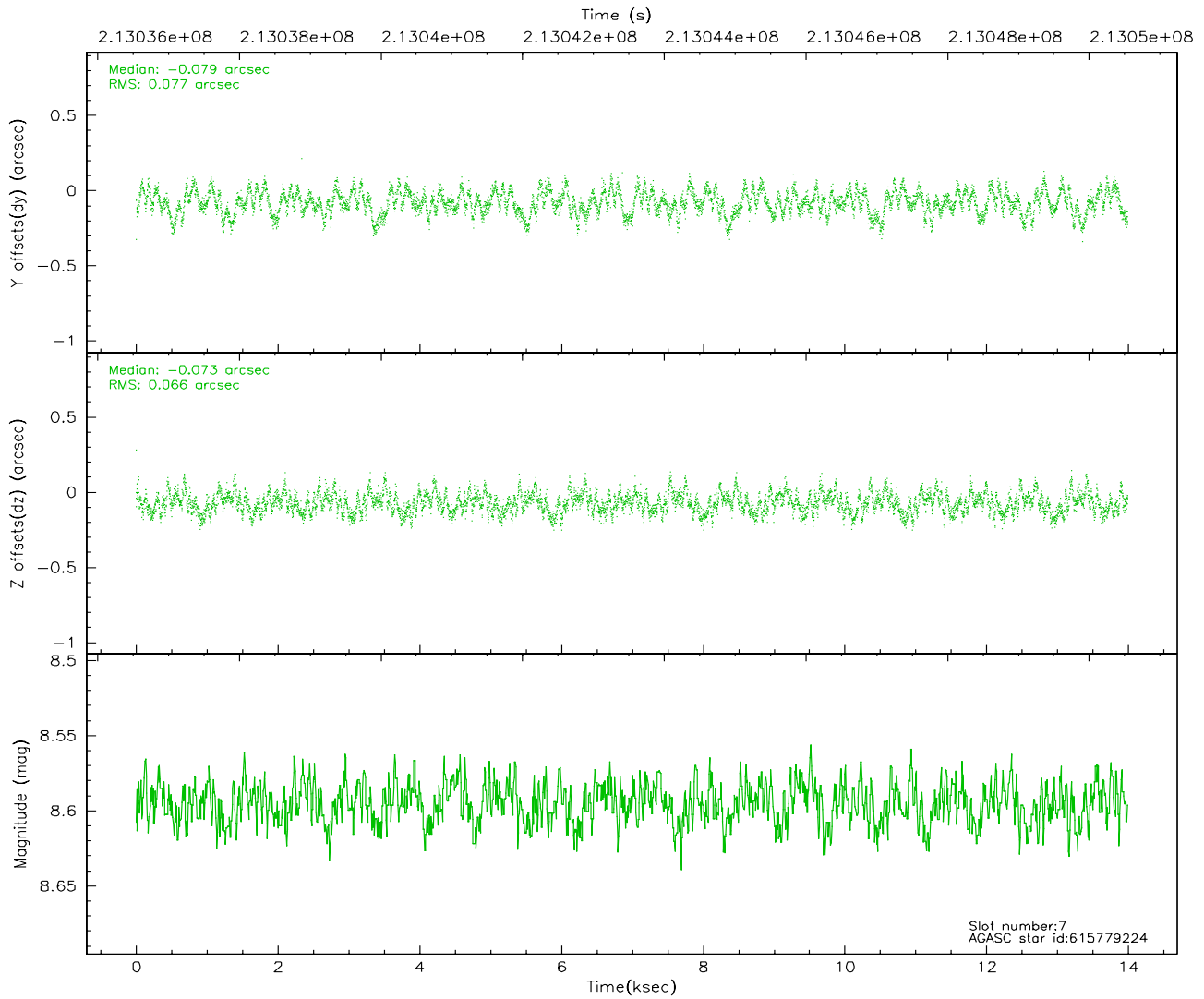
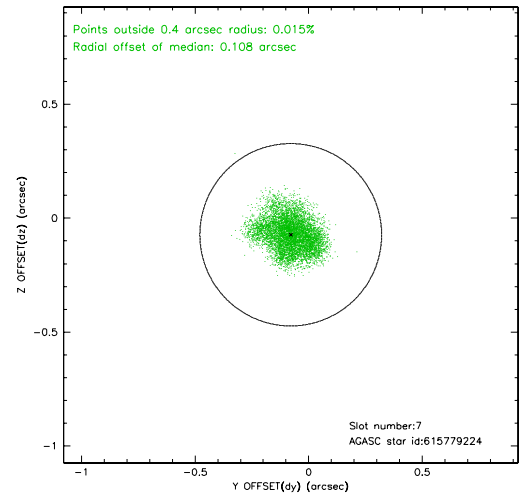
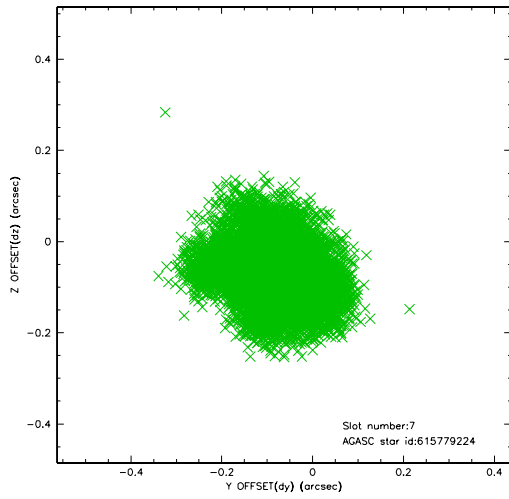
### 2.4.3 Slot 5



### 2.4.4 Slot 6

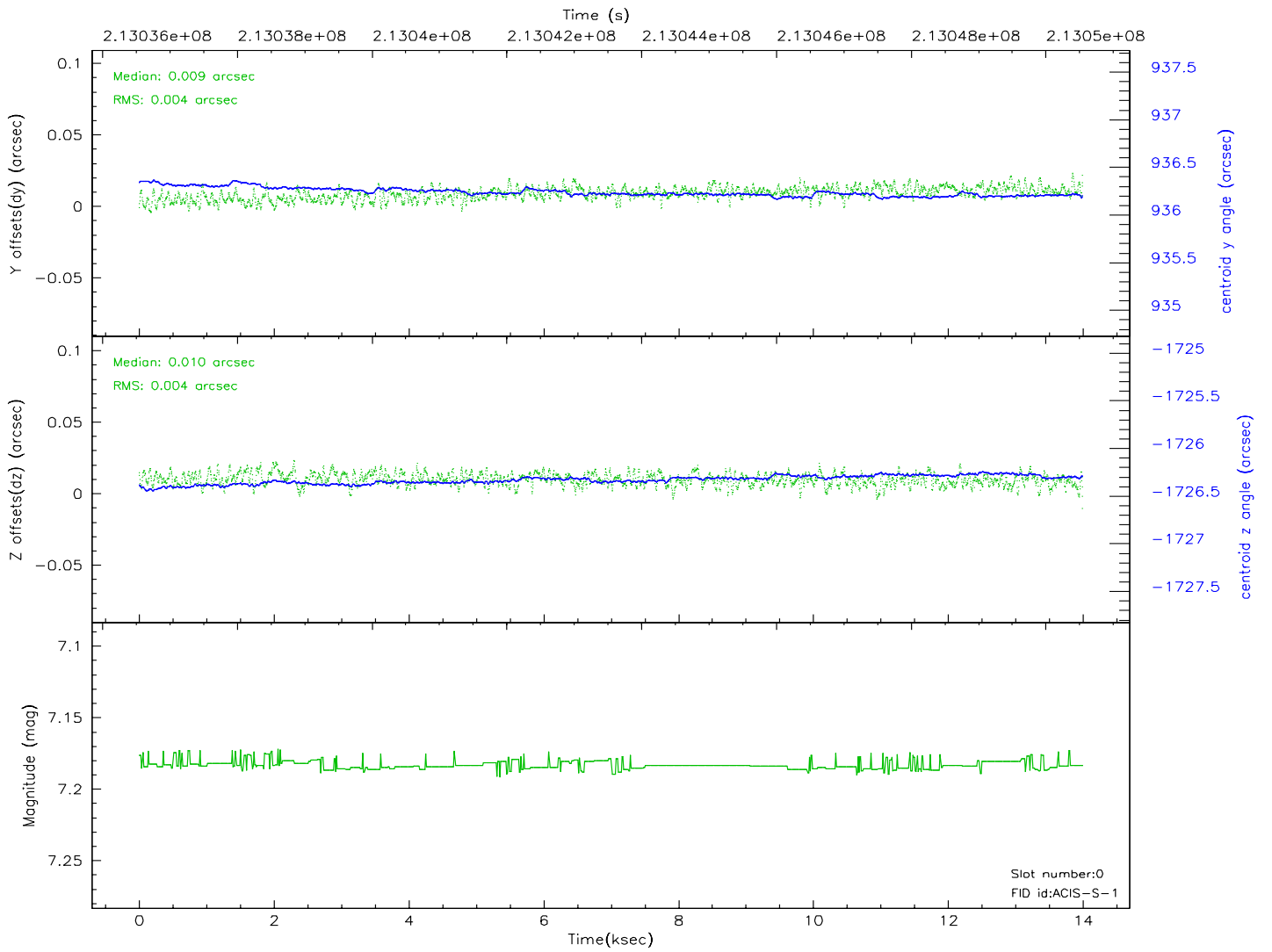
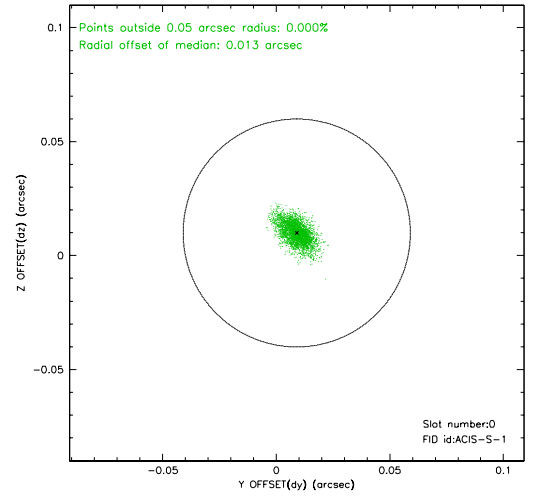
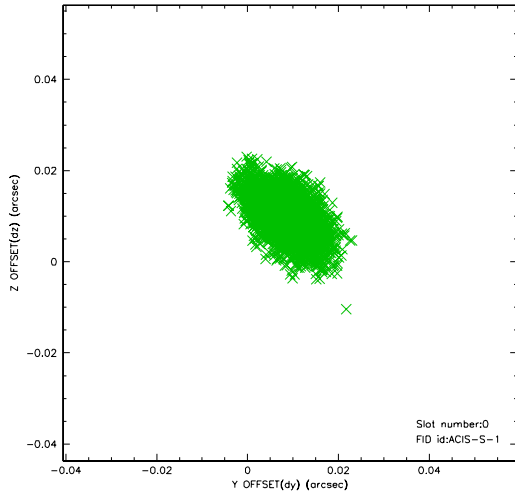


### 2.4.5 Slot 7

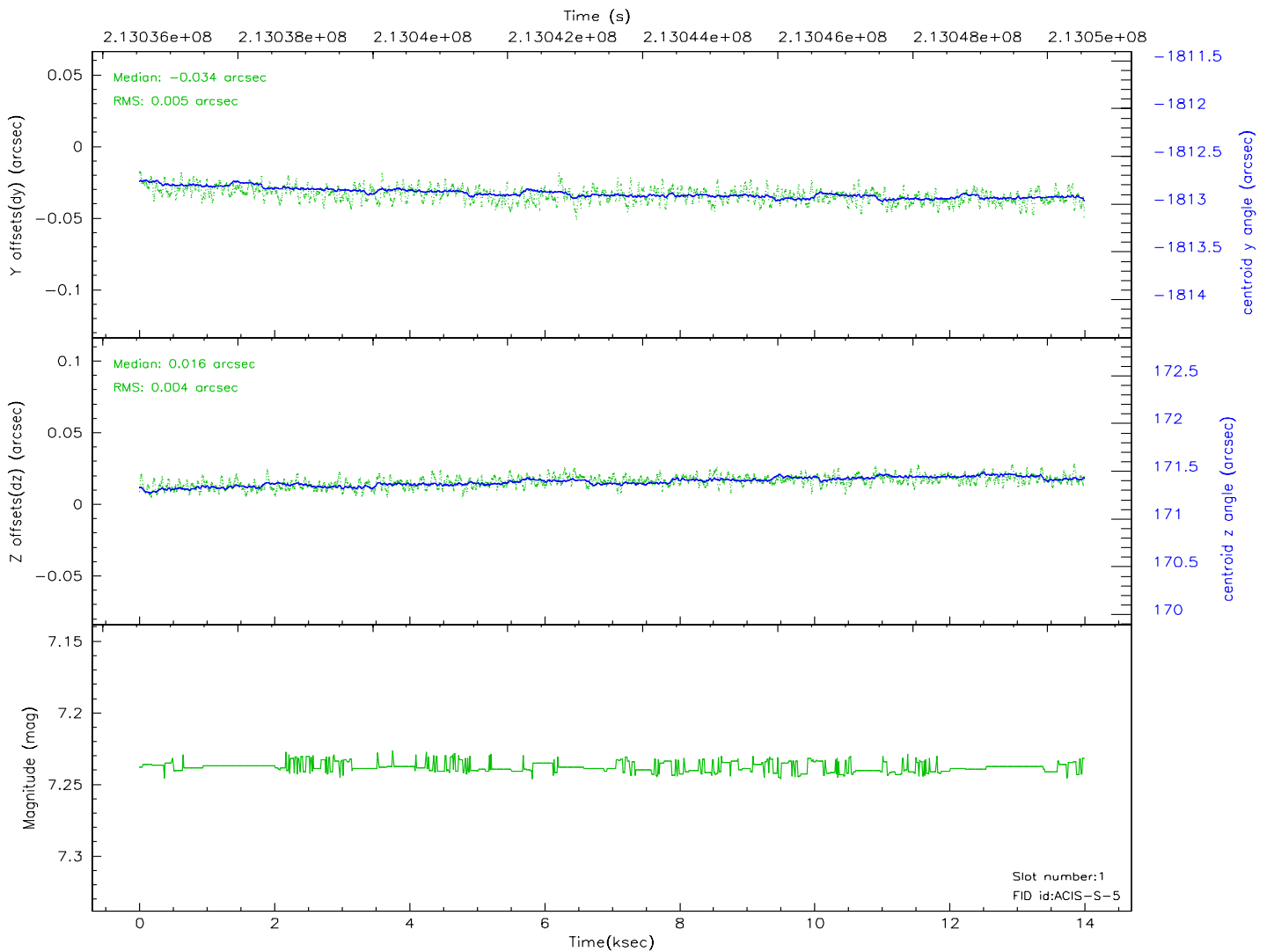
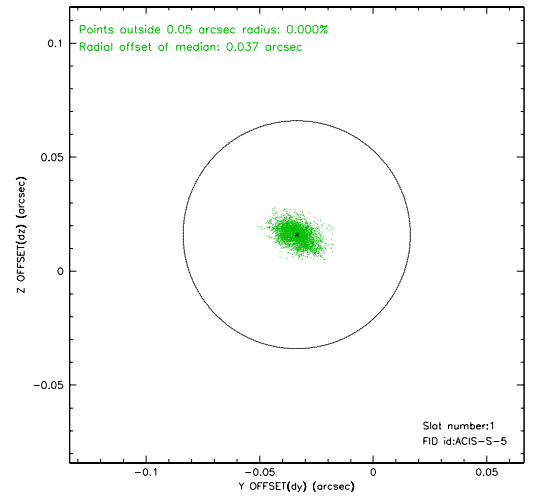
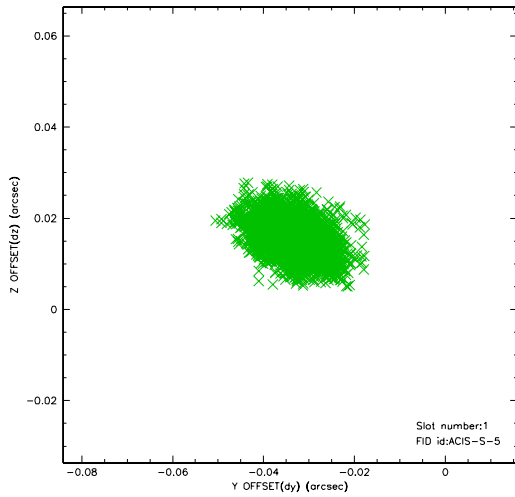


## 2.5 FID Slots

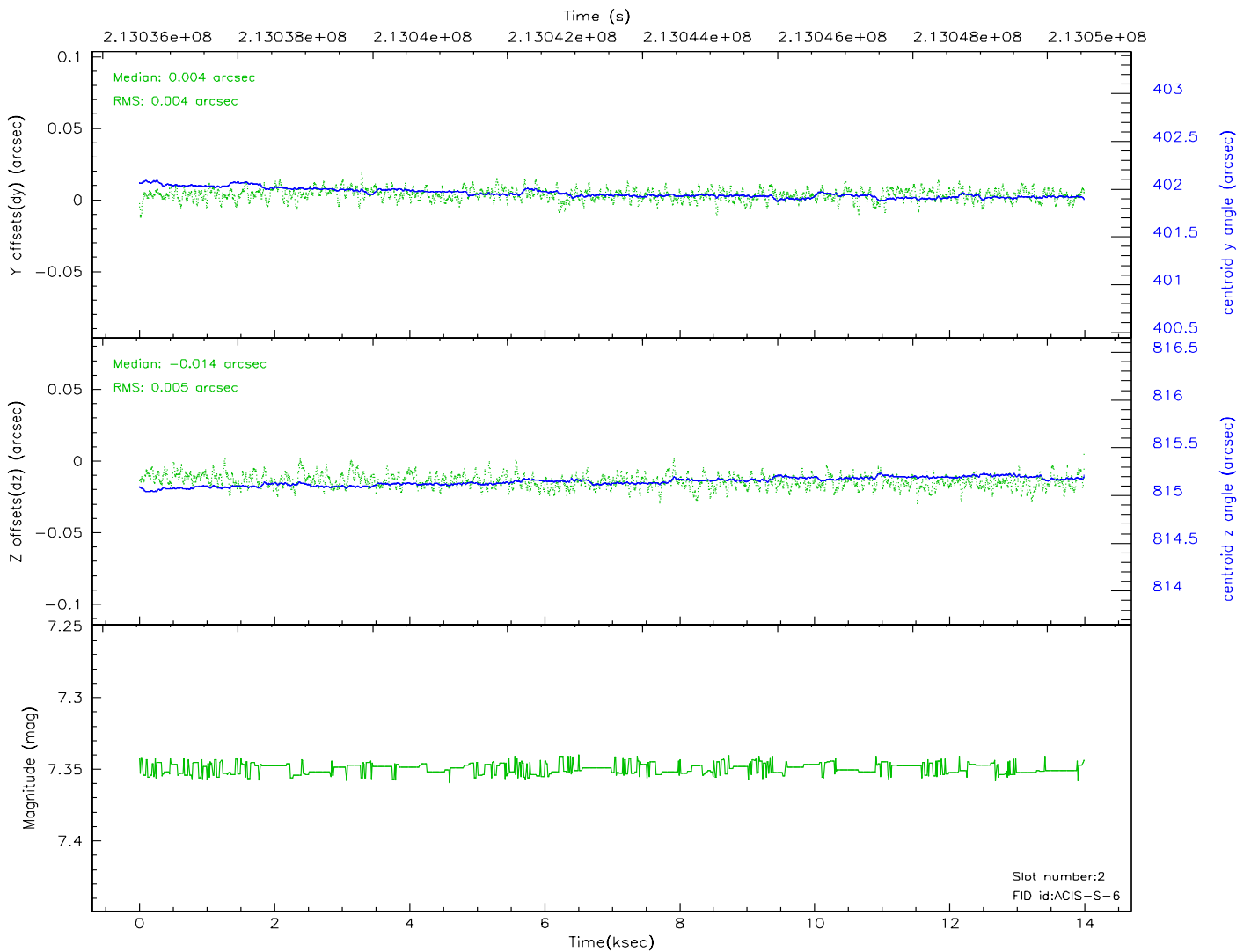
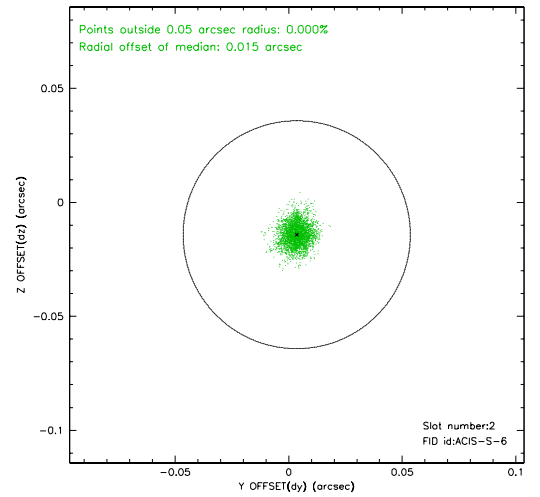
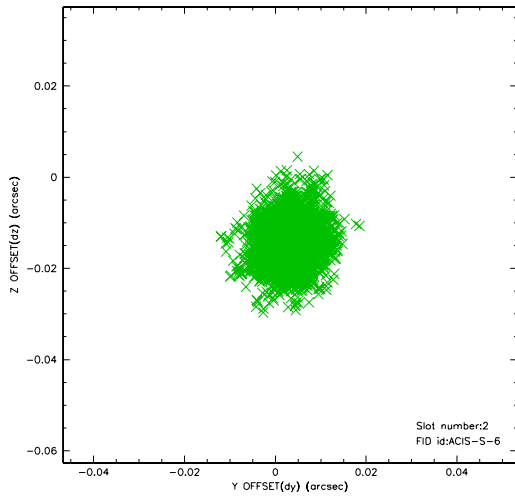
### 2.5.1 Slot 0



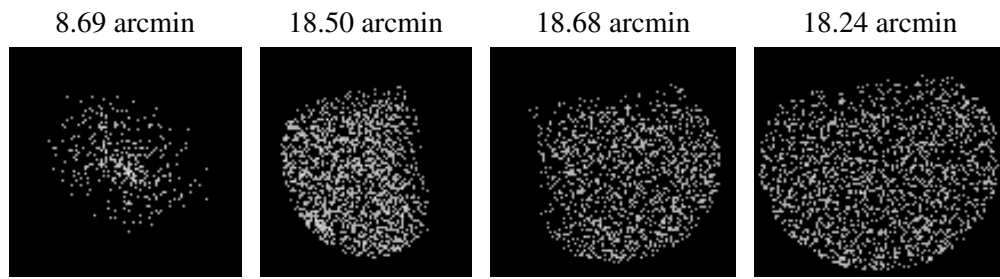
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



# A Summary

## A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.459

## A.2 Comments