

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4861 - L2 Version 001
Chandra X-Ray Center

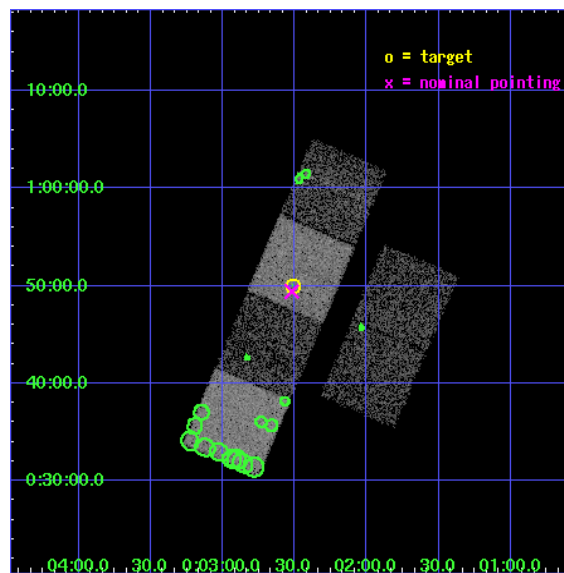
L2 Processing Date : Jun 30 2006

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1 Front

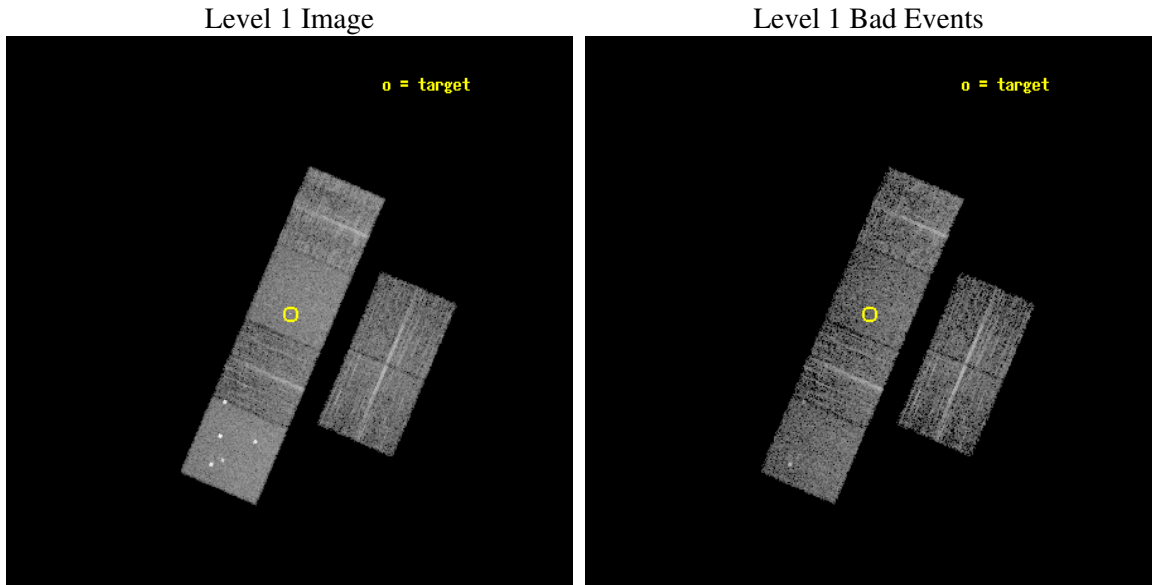
seq_num	700943
obs_id	4861
title	X-ray Properties of Dust Reddened Quasars from the Sloan Digital Sky Survey
observer	Gordon Richards
object	SDSS J000230.71+004959.1
dtcycle	0
cycle	P
ra_targ	0.627917
dec_targ	0.833083
ra_nom	0.63008339684351
dec_nom	0.82371363412867
roll_nom	293.13271886338
revision	2
ontime	5743.9999786019
livetime	5671.2659922513
ontime2	5743.9999786019
ontime3	5743.9999786019
ontime5	5743.9999786019
ontime6	5743.9999786019
ontime7	5743.9999786019
ontime8	5740.7589983344
l2events	56276



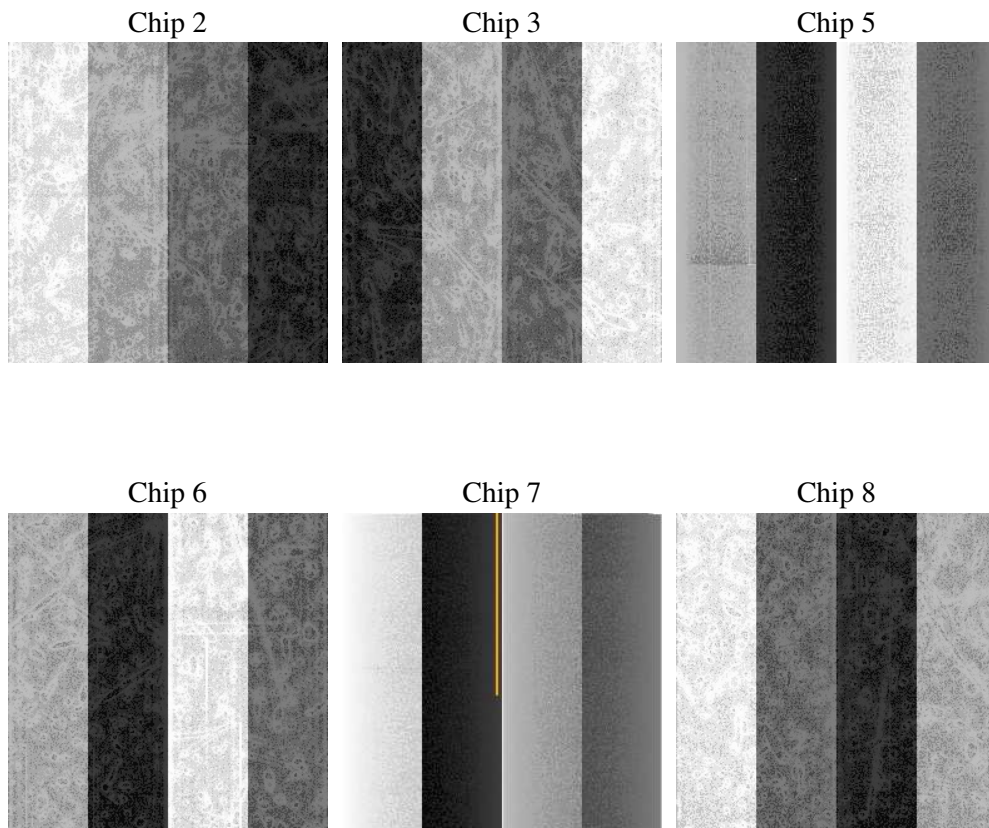
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-30T09:58:10
revision	2

sched_exp_time	5730.000000
ontime	5749.5485492647
ontime2	5749.5485492647
ontime3	5749.5485492647
ontime5	5749.5485492647
ontime6	5749.5485492647
ontime7	5749.5485492647
ontime8	5746.3075689971
l1events	244546

2.1.4 Events

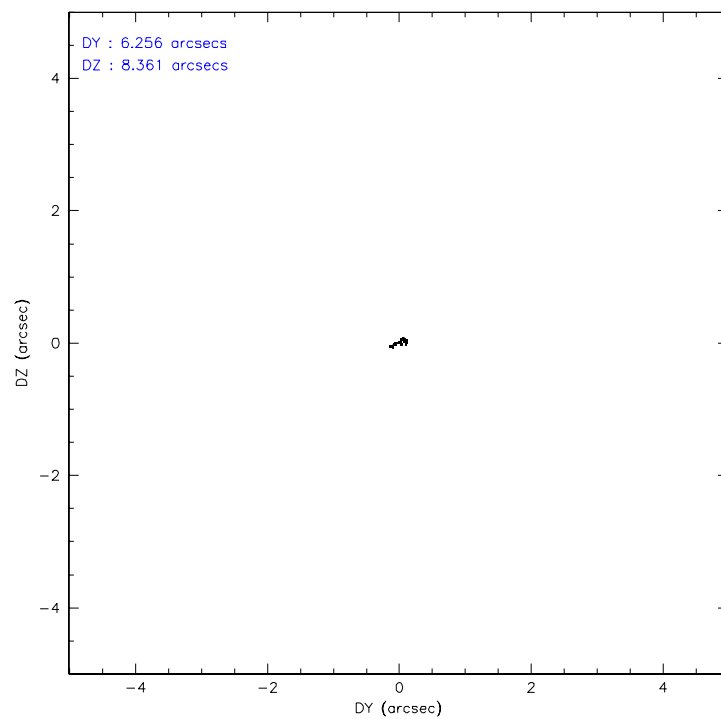
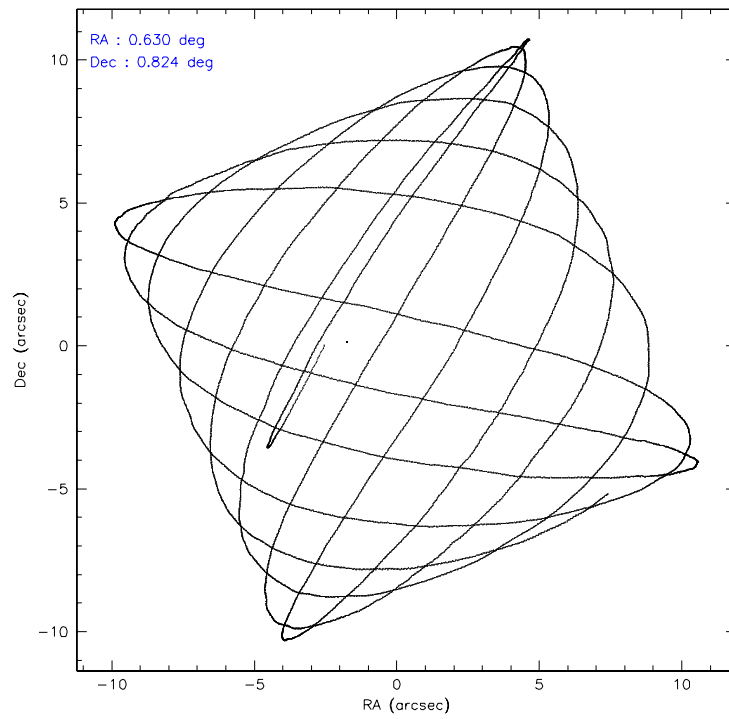
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	33739	31971	55030	33520	45148	45138
rejected events	29001	27568	27497	28851	26938	32686
rejected %	85%	86%	49%	86%	59%	72%

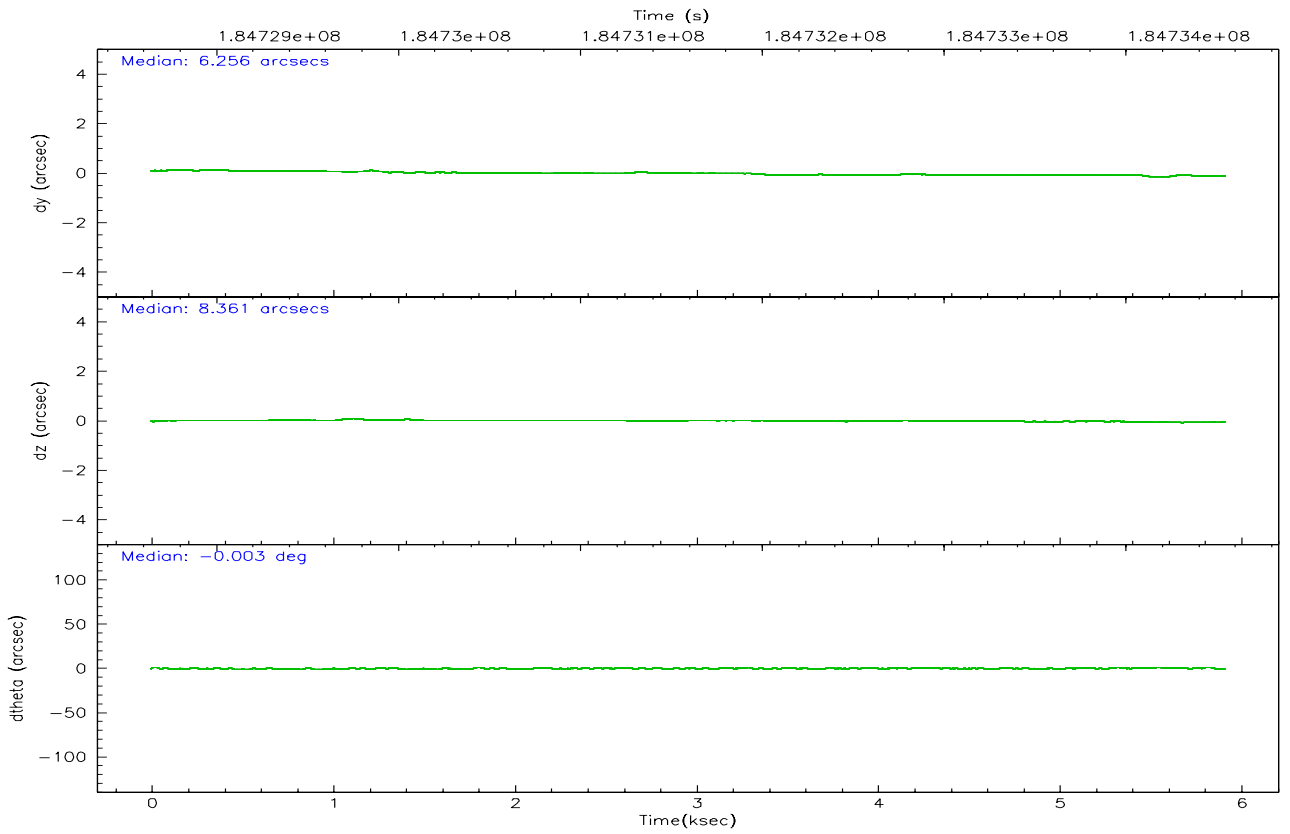
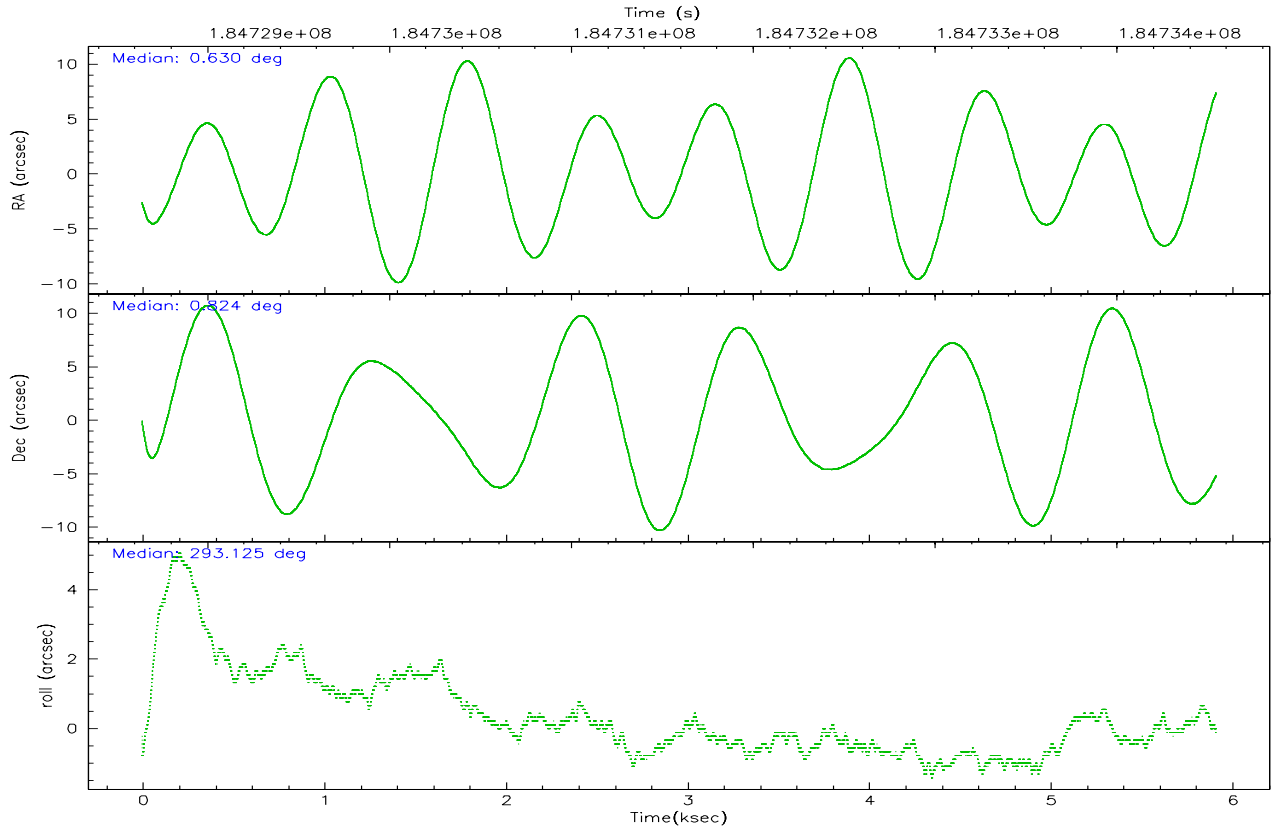
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2227	1968	5234	1958	1173	4386
	6%	6%	9%	5%	2%	9%
grade 1 events	18	22	68	7	33	31
	0%	0%	0%	0%	0%	0%
grade 2 events	935	930	7699	1005	4628	2233
	2%	2%	13%	2%	10%	4%
grade 3 events	395	412	733	408	915	1560
	1%	1%	1%	1%	2%	3%
grade 4 events	411	372	953	384	926	1514
	1%	1%	1%	1%	2%	3%
grade 5 events	1234	1407	2426	1415	2865	1943
	3%	4%	4%	4%	6%	4%
grade 6 events	773	725	12927	918	10578	2792
	2%	2%	23%	2%	23%	6%
grade 7 events	27746	26135	24990	27425	24030	30679
	82%	81%	45%	81%	53%	67%

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	0.608091	0.630083396843506	Alternating exposures requested	N	N
Pointing Dec	0.839704	0.8237136341286684	Primary exposure time	0.000000	3.2
Pointing Roll	292.976410	293.1327188633784			
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	184728818.184000	184727829.59944			
Observation start date	2003-11-09T01:32:34	2003-11-09T01:17:09			
Observation end time	184734548.184000	184734718.62474			
Observation end date	2003-11-09T03:08:04	2003-11-09T03:11:58			
Read mode	TIMED	TIMED			

2.3 Aspect



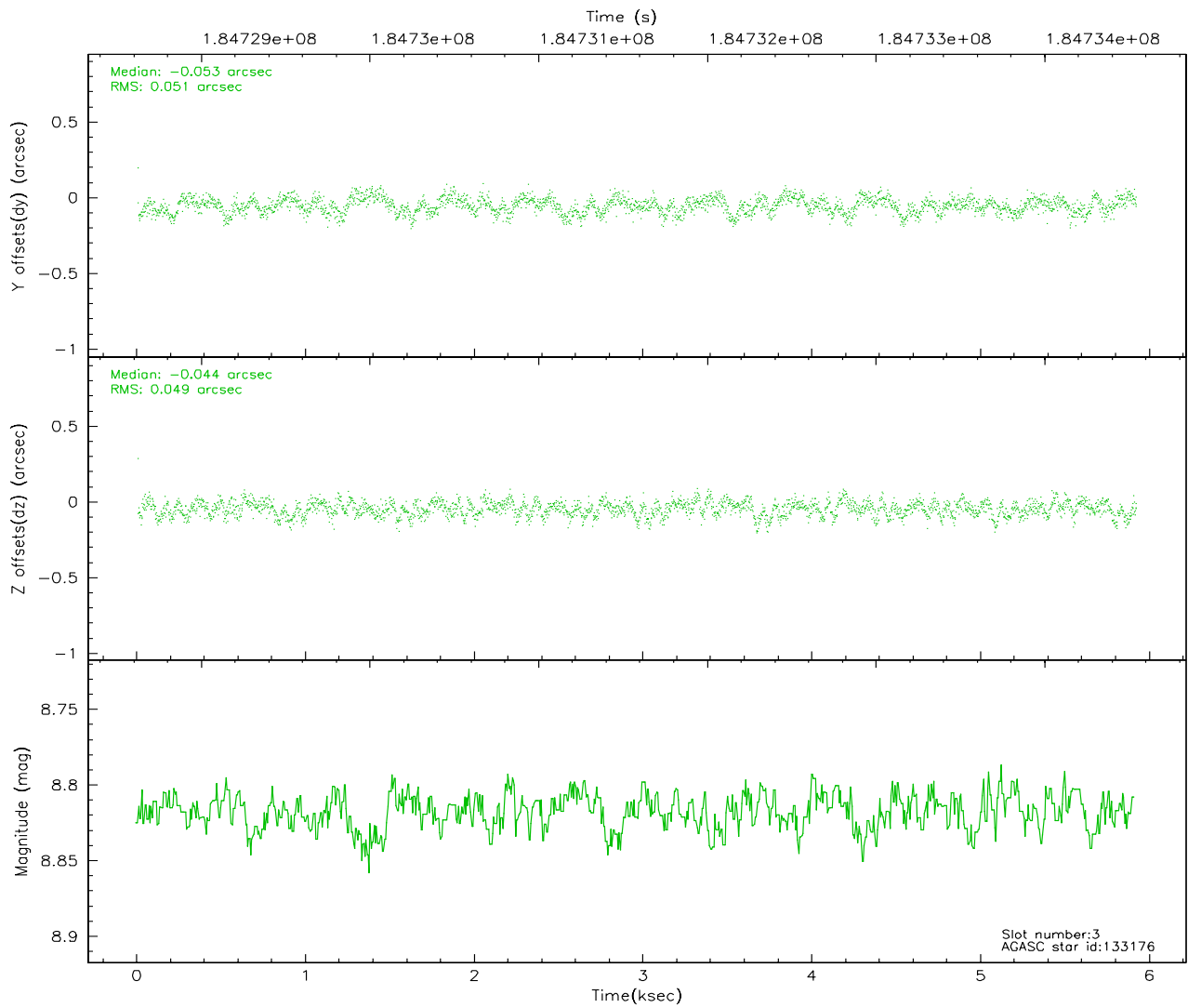
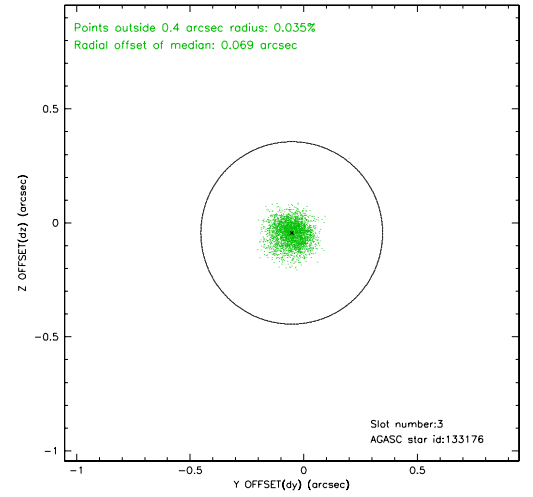
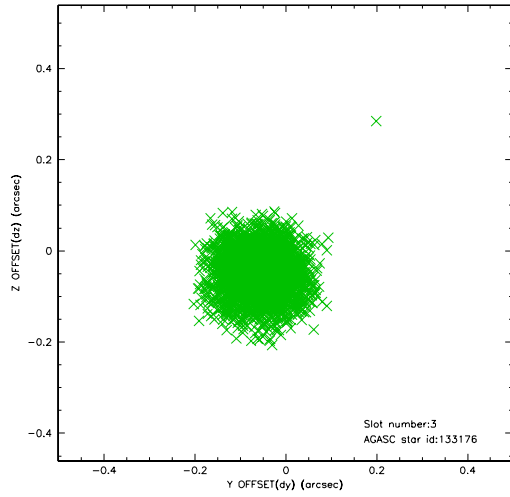


Slot Statistics

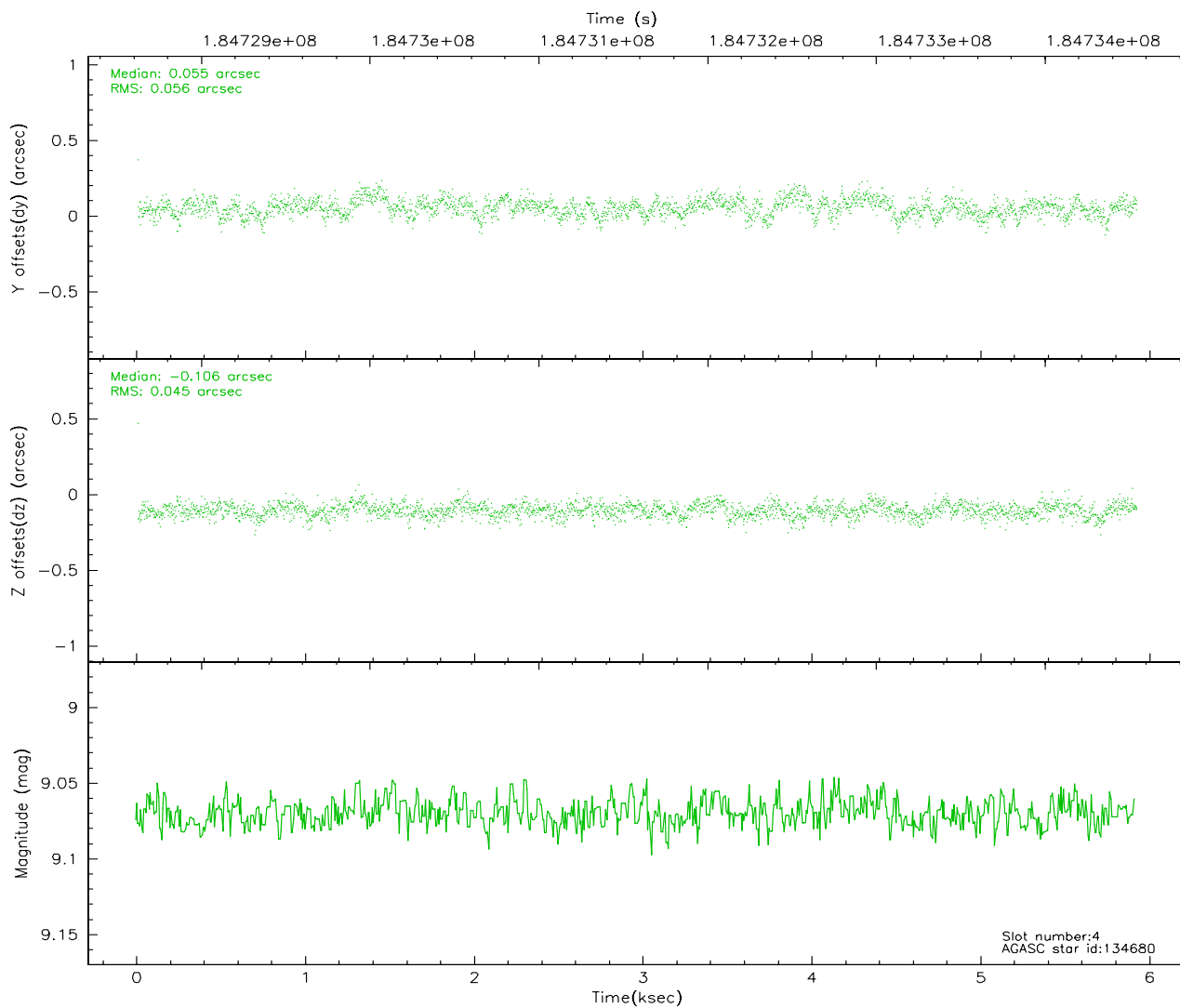
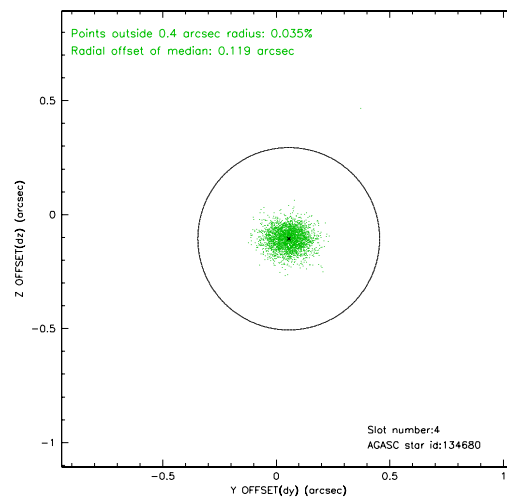
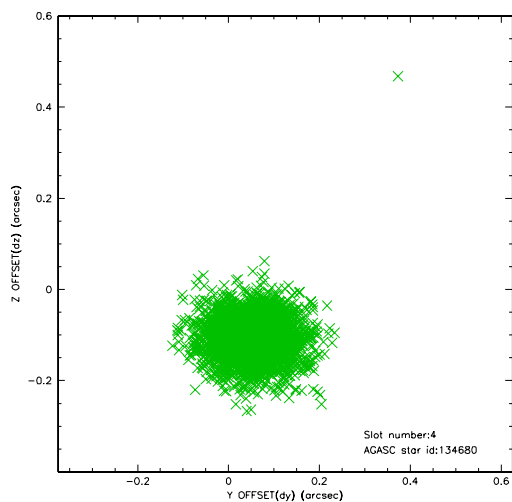
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1443	-0.024	-0.023	0.006	0.011	0.000000	0.000000	-759.02	-1729.58
1	FID	ACIS-S-4	7.21	1443	0.026	0.018	0.005	0.008	0.000000	0.000000	2153.87	177.88
2	FID	ACIS-S-5	7.23	1443	-0.033	0.014	0.006	0.010	0.000000	0.000000	-1810.56	172.73
3	GUIDE	133176	8.82	2887	-0.053	-0.044	0.076	0.121	0.143410	1.066215	-1403.26	-1221.44
4	GUIDE	134680	9.07	2886	0.055	-0.106	0.074	0.125	0.365086	0.301584	1442.23	-1561.68
5	GUIDE	135536	9.40	2886	0.148	0.094	0.093	0.150	0.959742	0.617998	1229.84	853.92
6	GUIDE	137624	8.93	2886	-0.160	0.099	0.084	0.138	0.912395	1.586158	-2046.30	2057.69
7	GUIDE	139192	7.80	2886	0.003	-0.039	0.063	0.102	0.162932	0.222932	1418.74	-2340.90

2.4 Star Slots

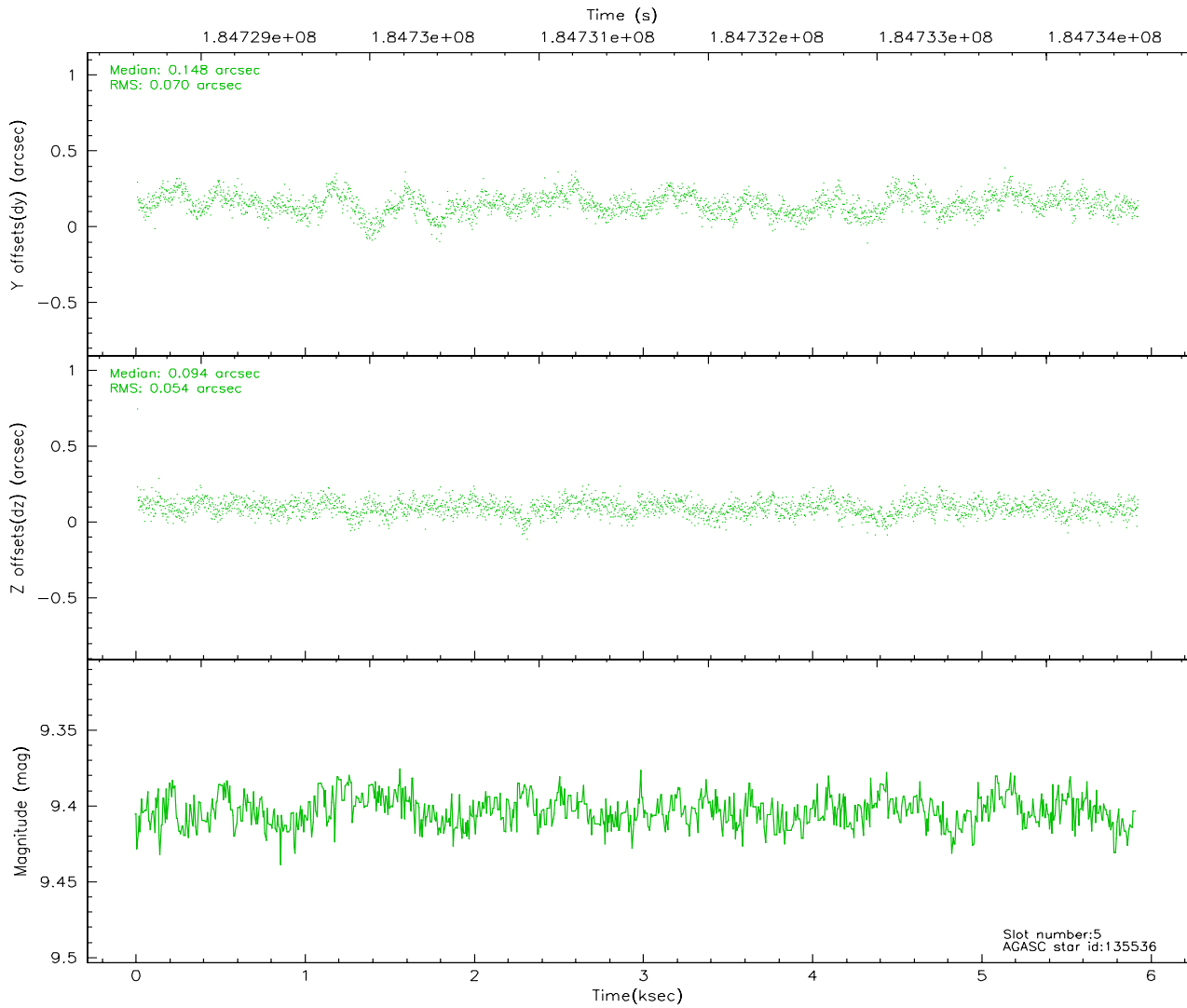
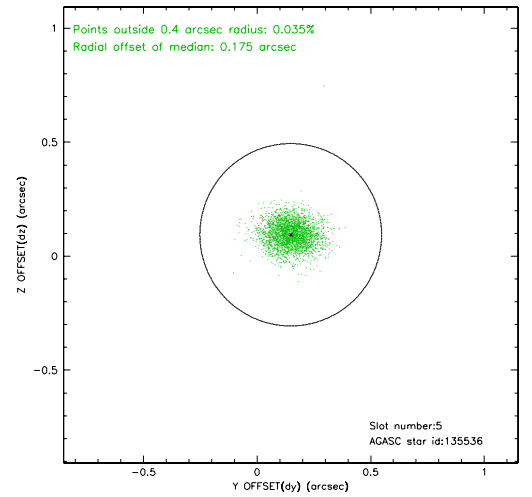
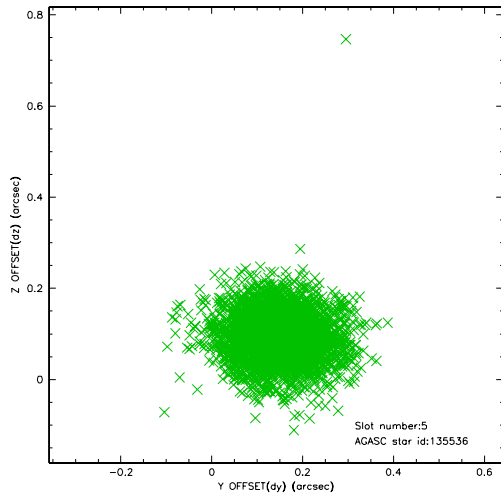
2.4.1 Slot 3



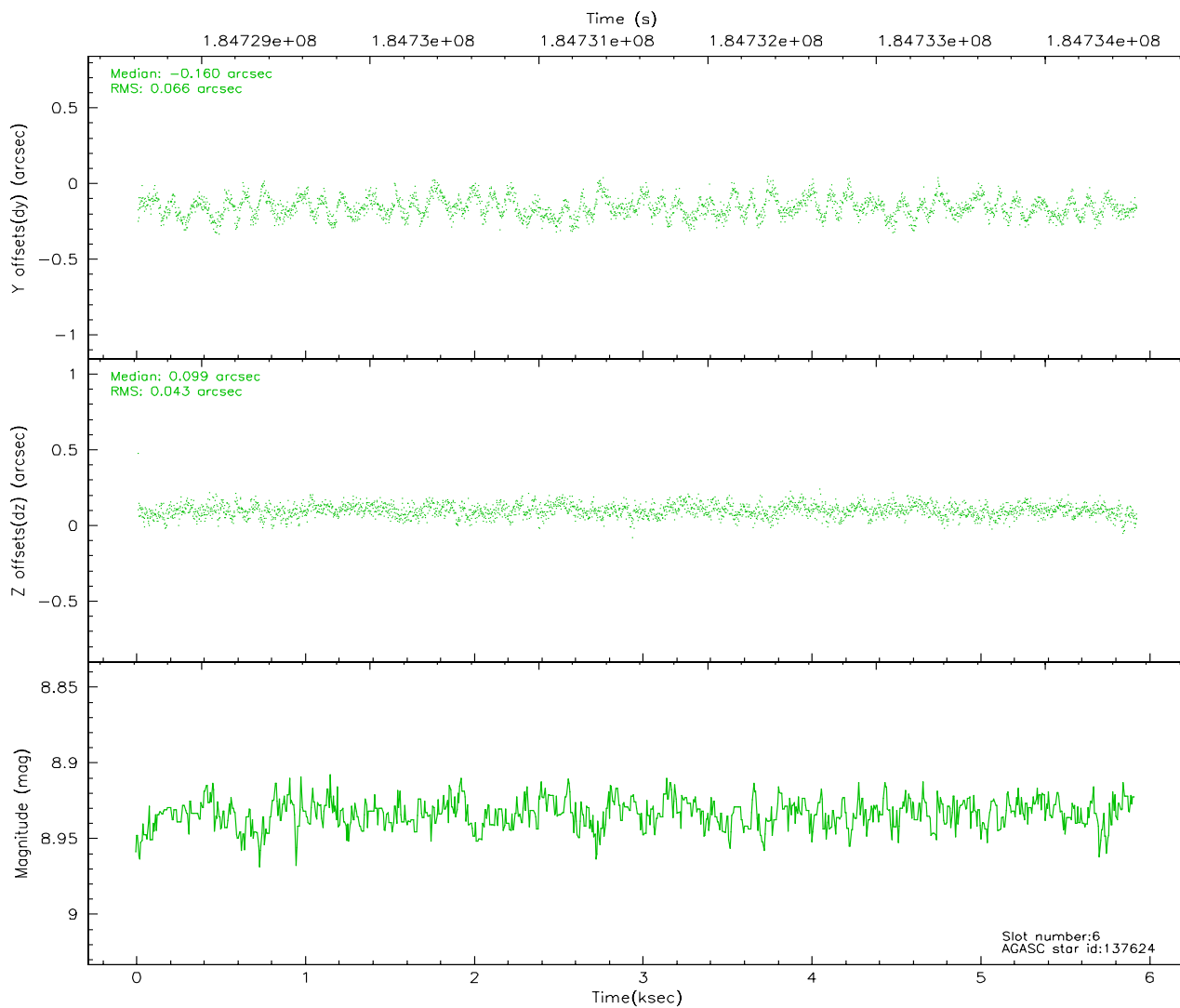
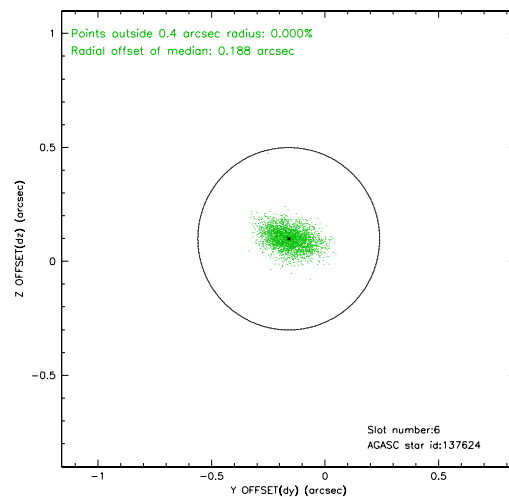
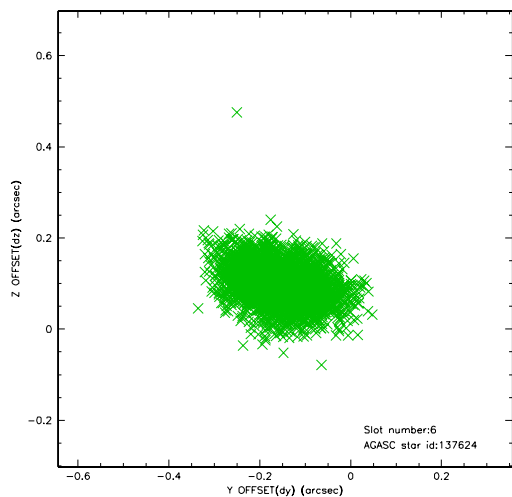
2.4.2 Slot 4



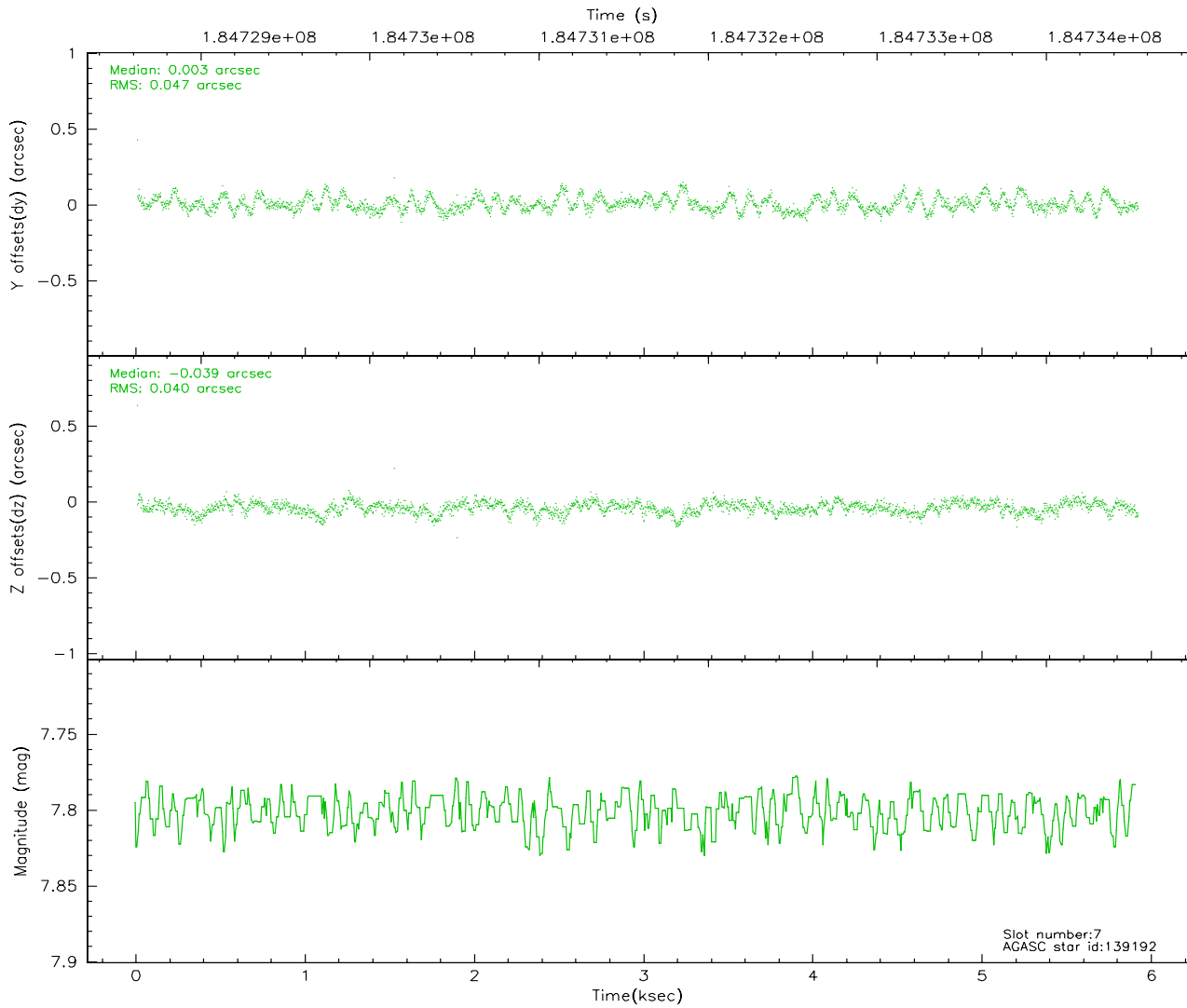
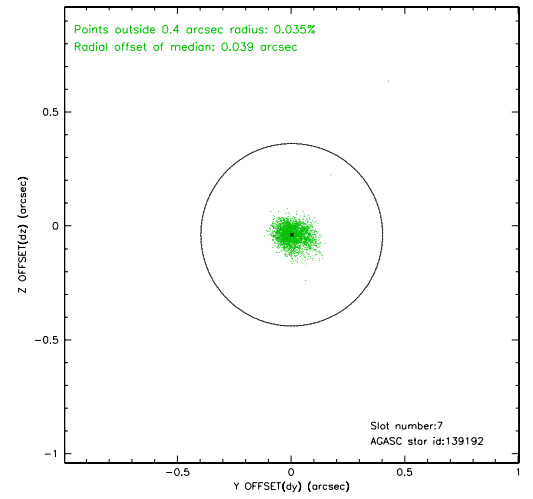
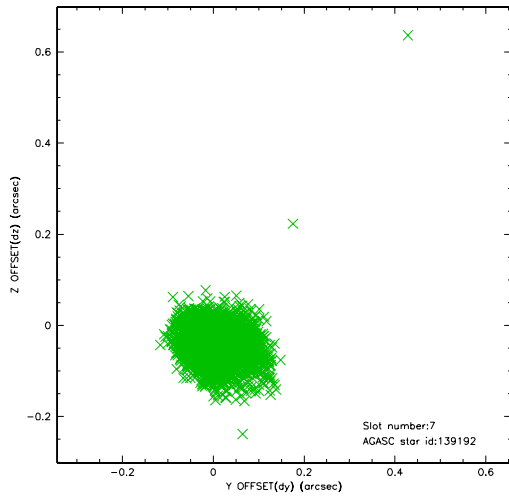
2.4.3 Slot 5



2.4.4 Slot 6

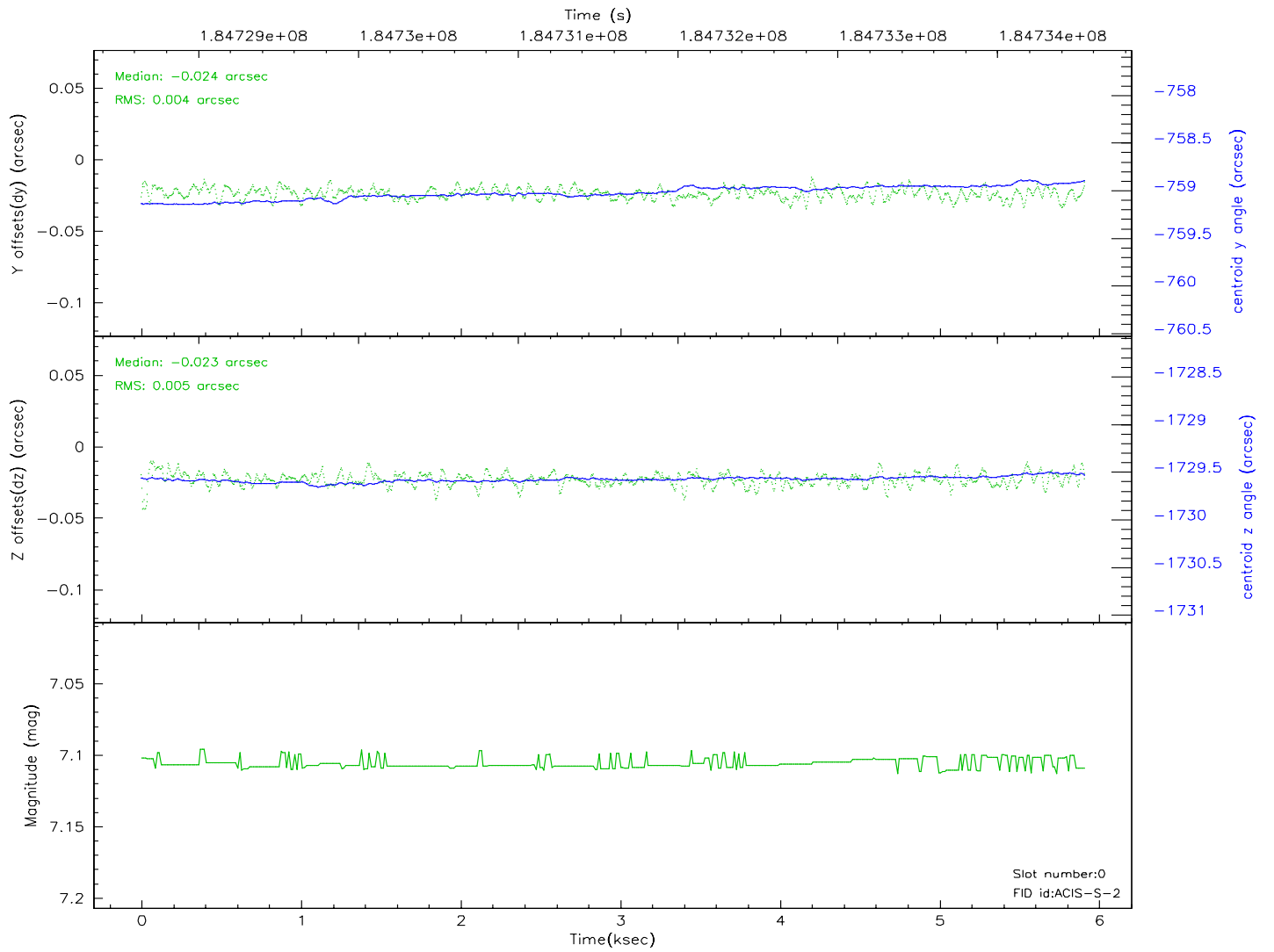
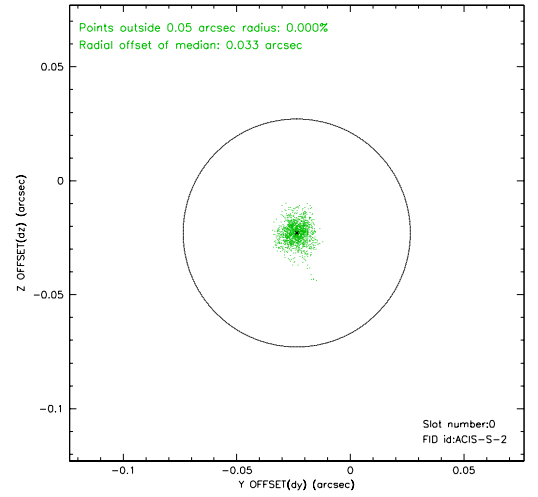
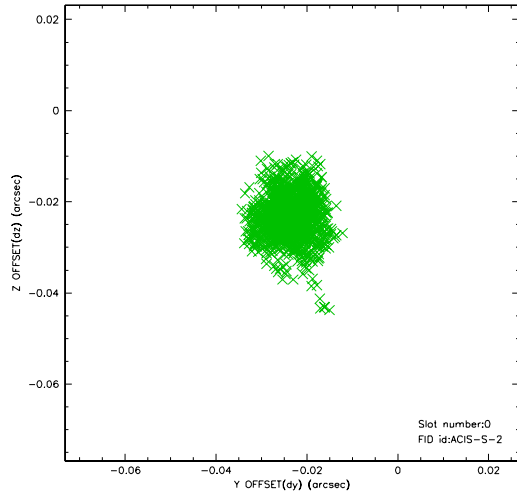


2.4.5 Slot 7

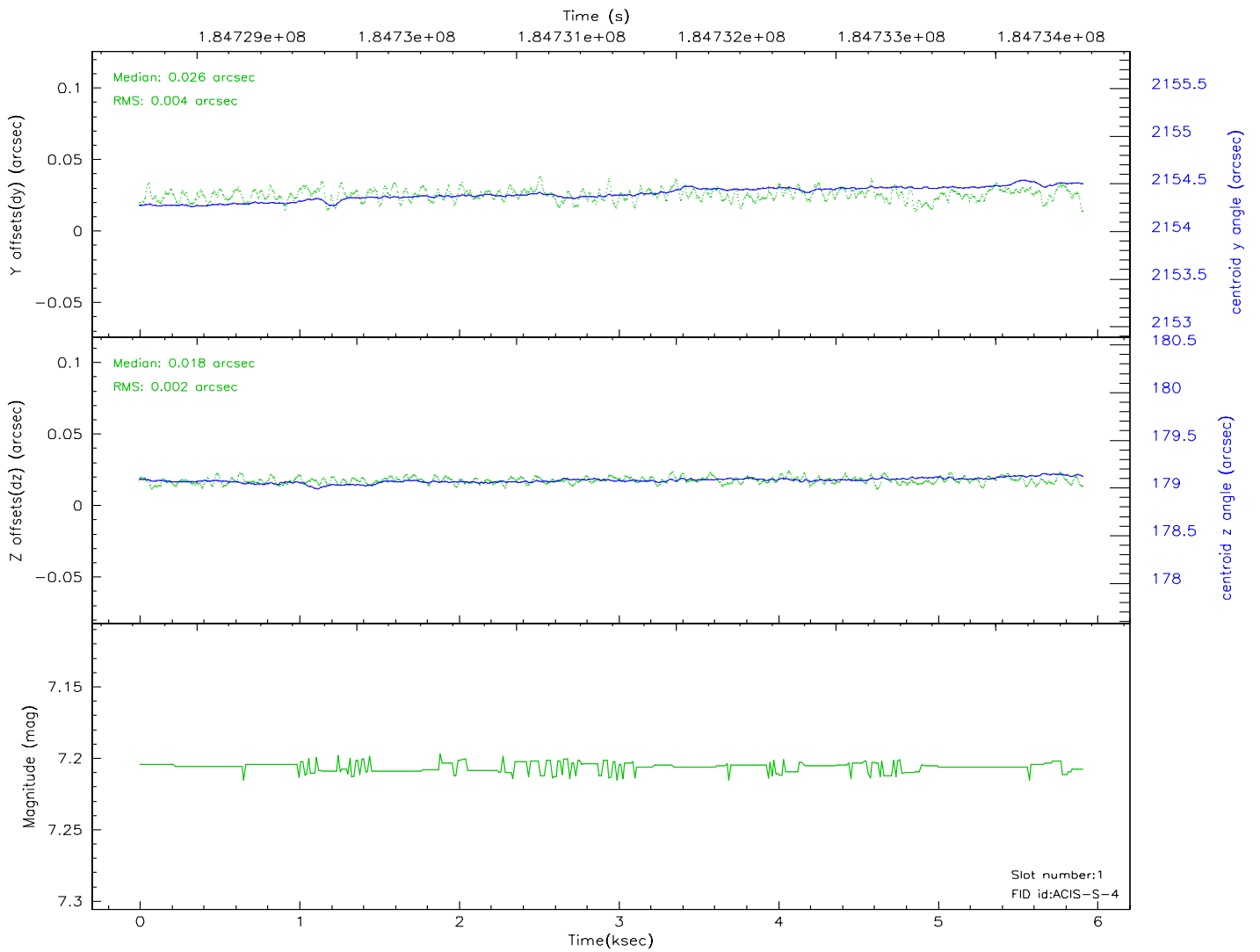
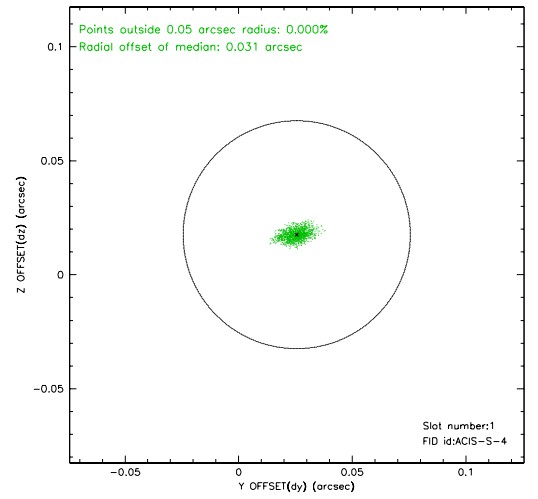
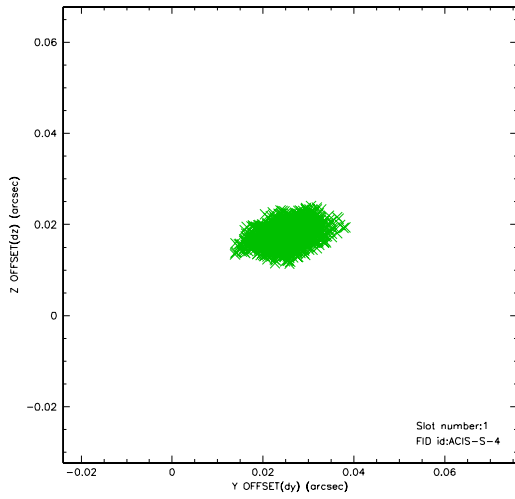


2.5 FID Slots

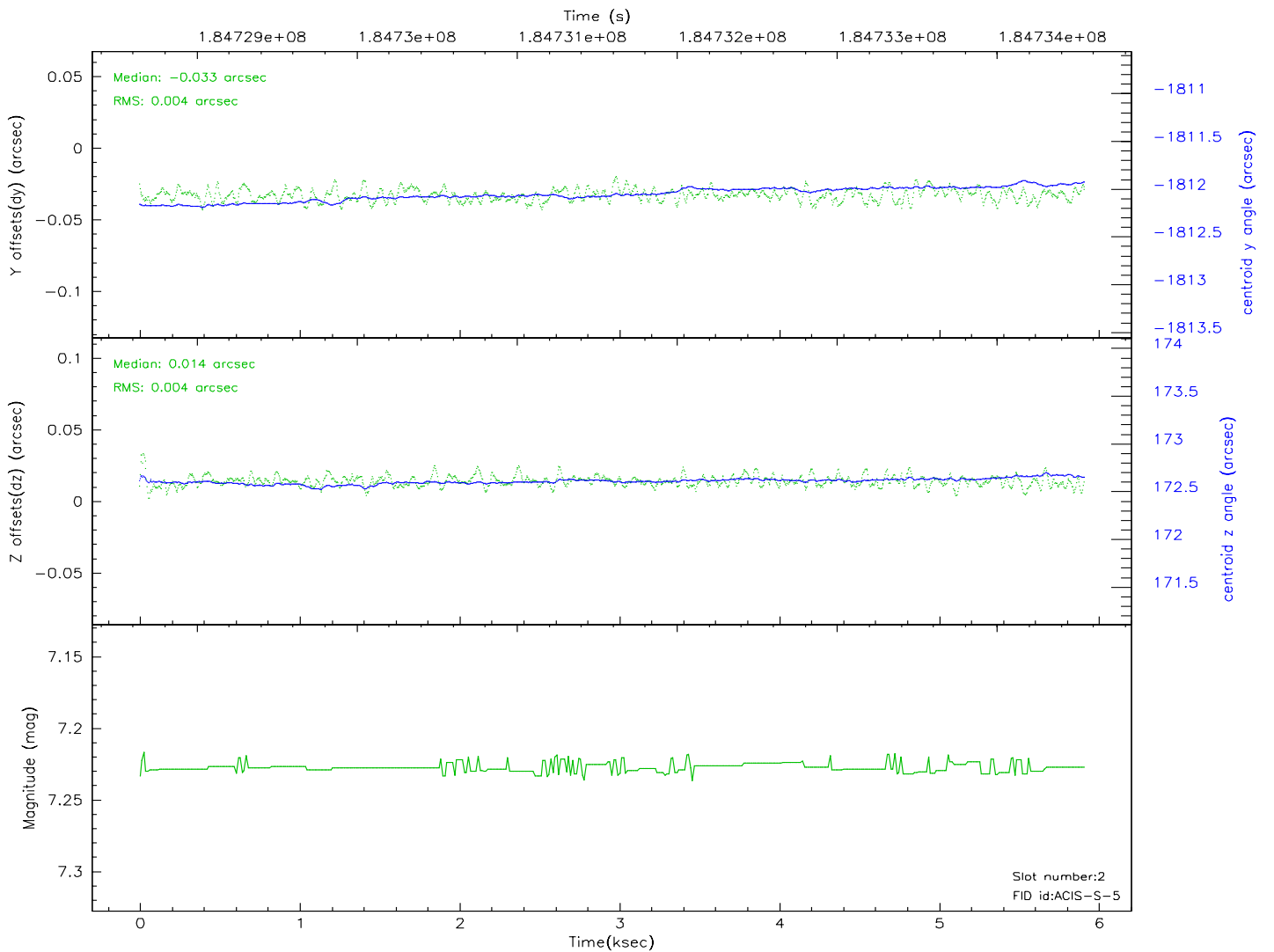
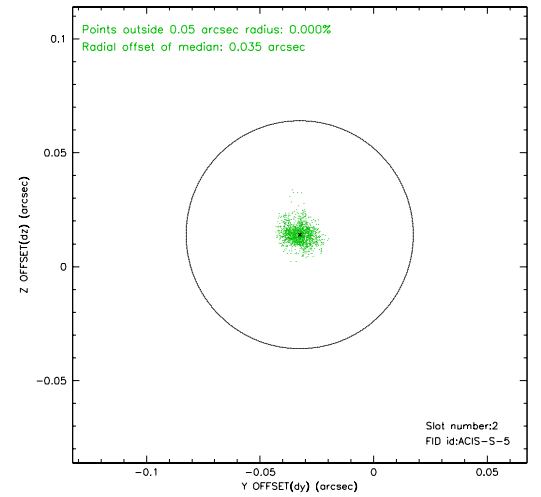
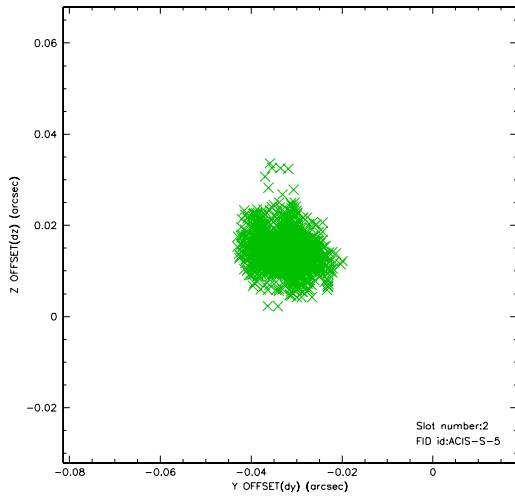
2.5.1 Slot 0



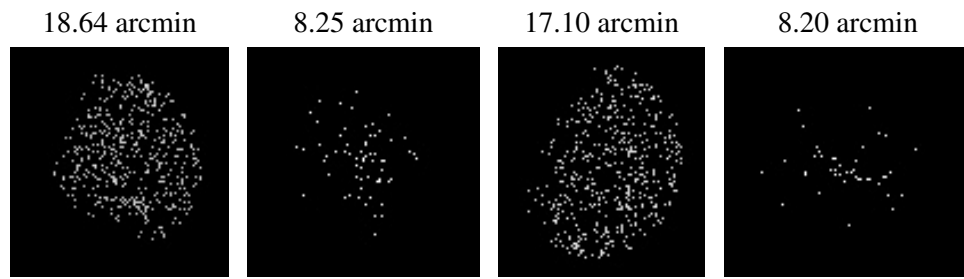
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.743

A.2 Comments