

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1667 - L2 Version 001
Chandra X-Ray Center

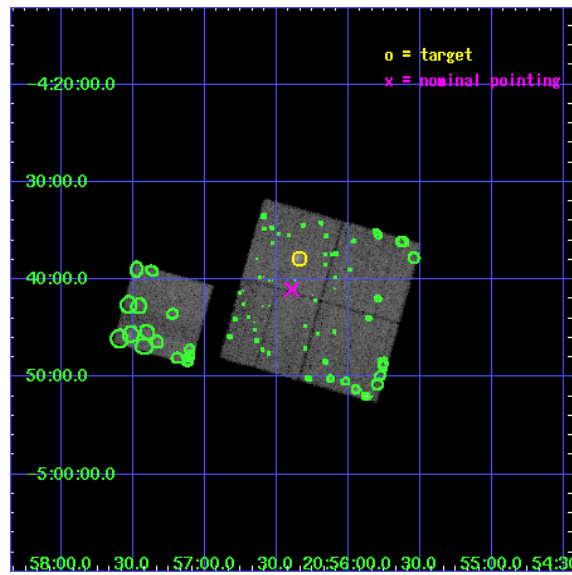
L2 Processing Date : Jan 5 2007

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1 Front

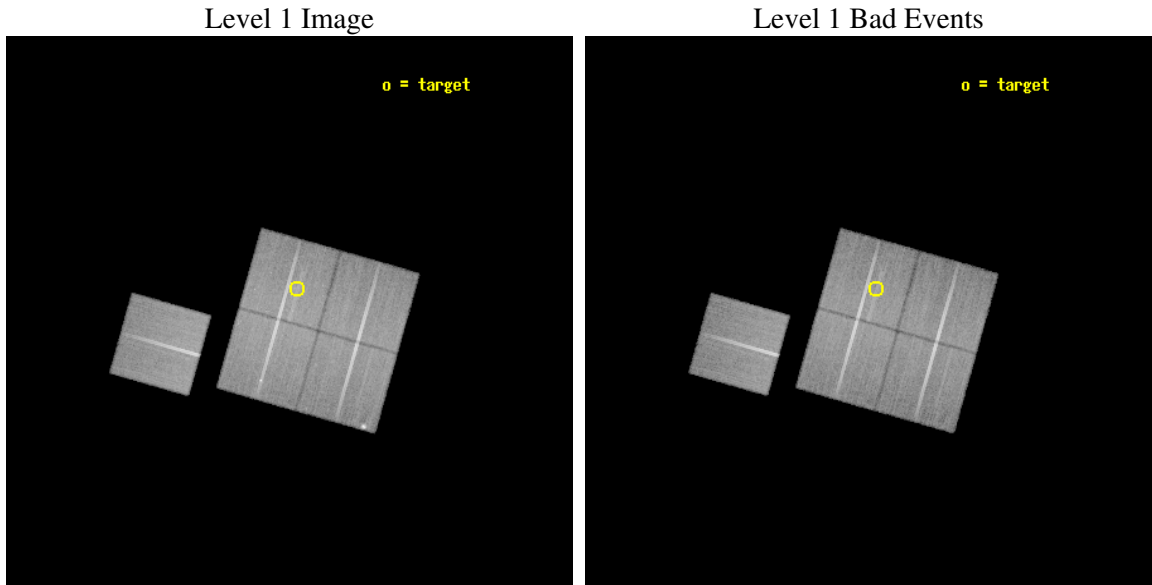
seq_num	800135
obs_id	1667
title	DETERMINATION OF H0 AND Q0, 2000 PART 1
observer	DR. LEON VANSPEYBROECK
object	MS 2053.7-0449
dtcycle	0
cycle	P
ra_targ	314.085458
dec_targ	-4.631181
ra_nom	314.09841174369
dec_nom	-4.6839956938643
roll_nom	285.87602968419
revision	2
ontime	45104.958923116
livetime	44515.629428998
ontime0	45104.95889318
ontime1	45101.817952871
ontime2	45092.394972295
ontime3	45104.958923116
ontime6	45098.676972598
l2events	158819



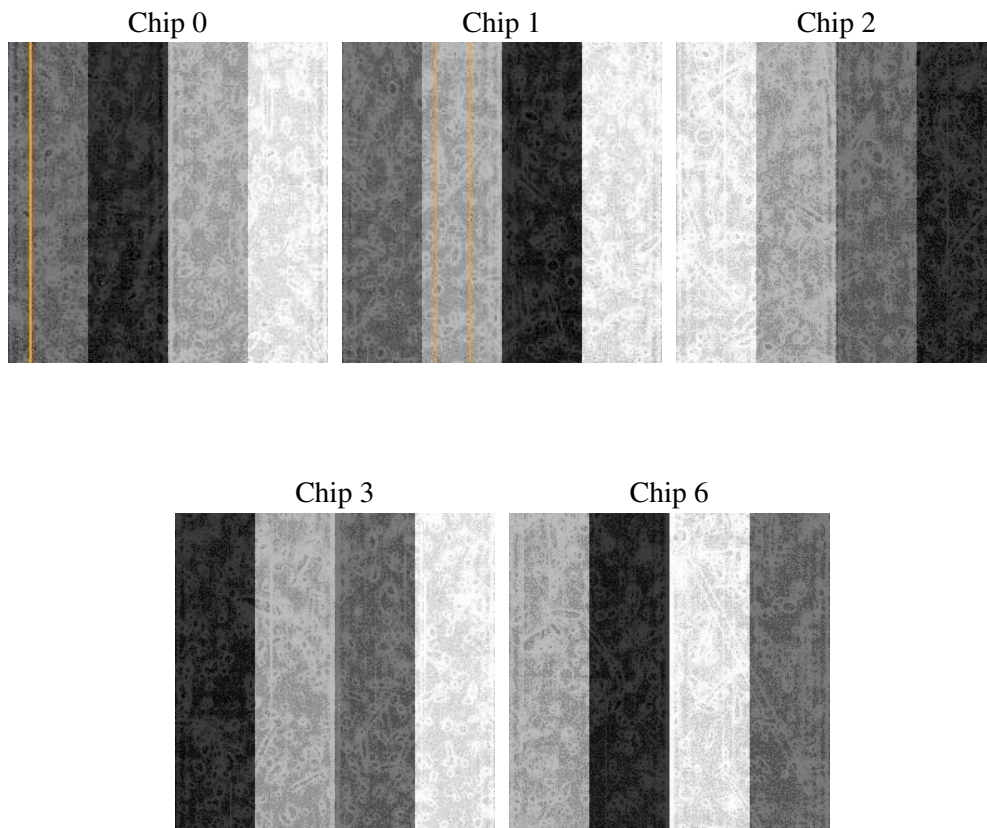
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.4
date	2007-01-05T14:29:05
revision	2

sched_exp_time	45000.000000
ontime	45107.990309522
ontime0	45107.990279585
ontime1	45104.849339277
ontime2	45095.4263587
ontime3	45107.990309522
ontime6	45101.708378926
l1events	1387639

2.1.4 Events

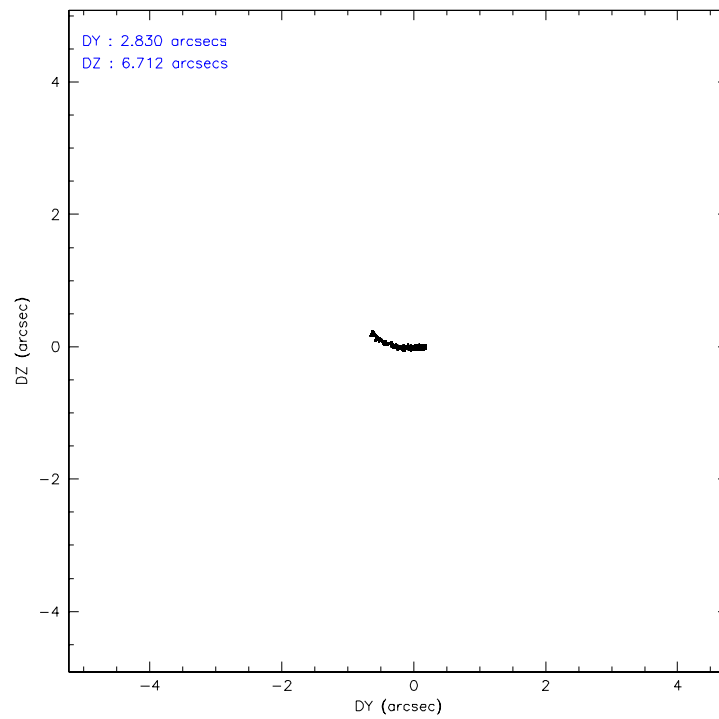
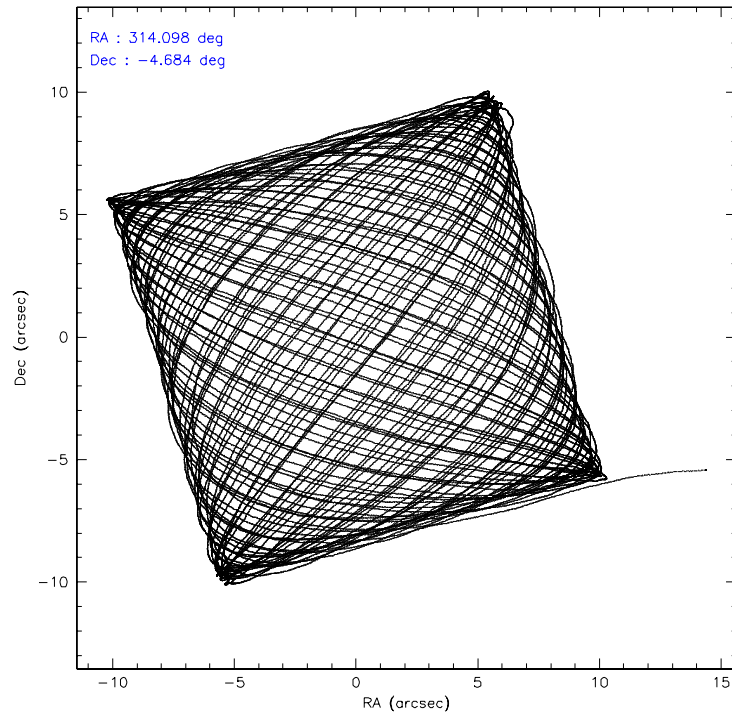
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	264322	265807	291358	284320	281832
rejected events	224911	228892	254886	247773	246447
rejected %	85%	86%	87%	87%	87%

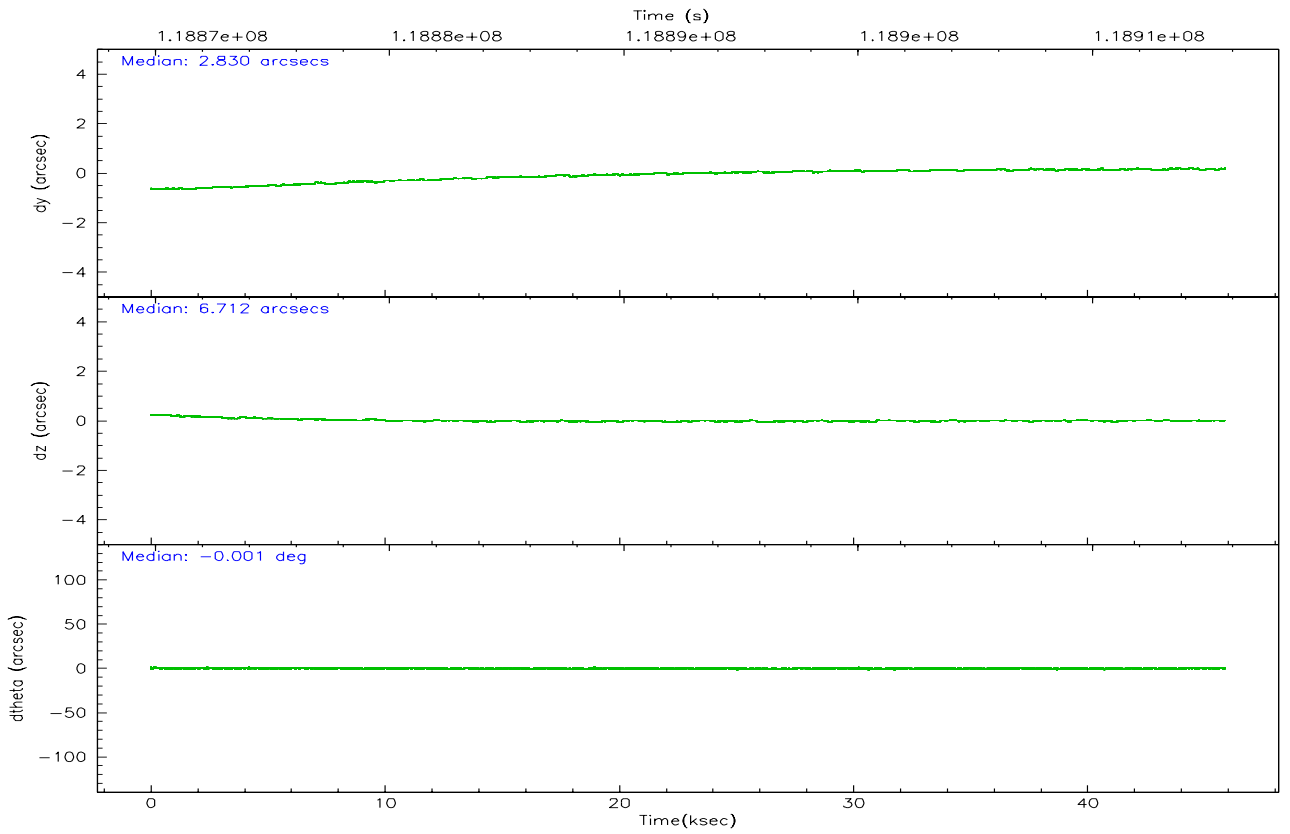
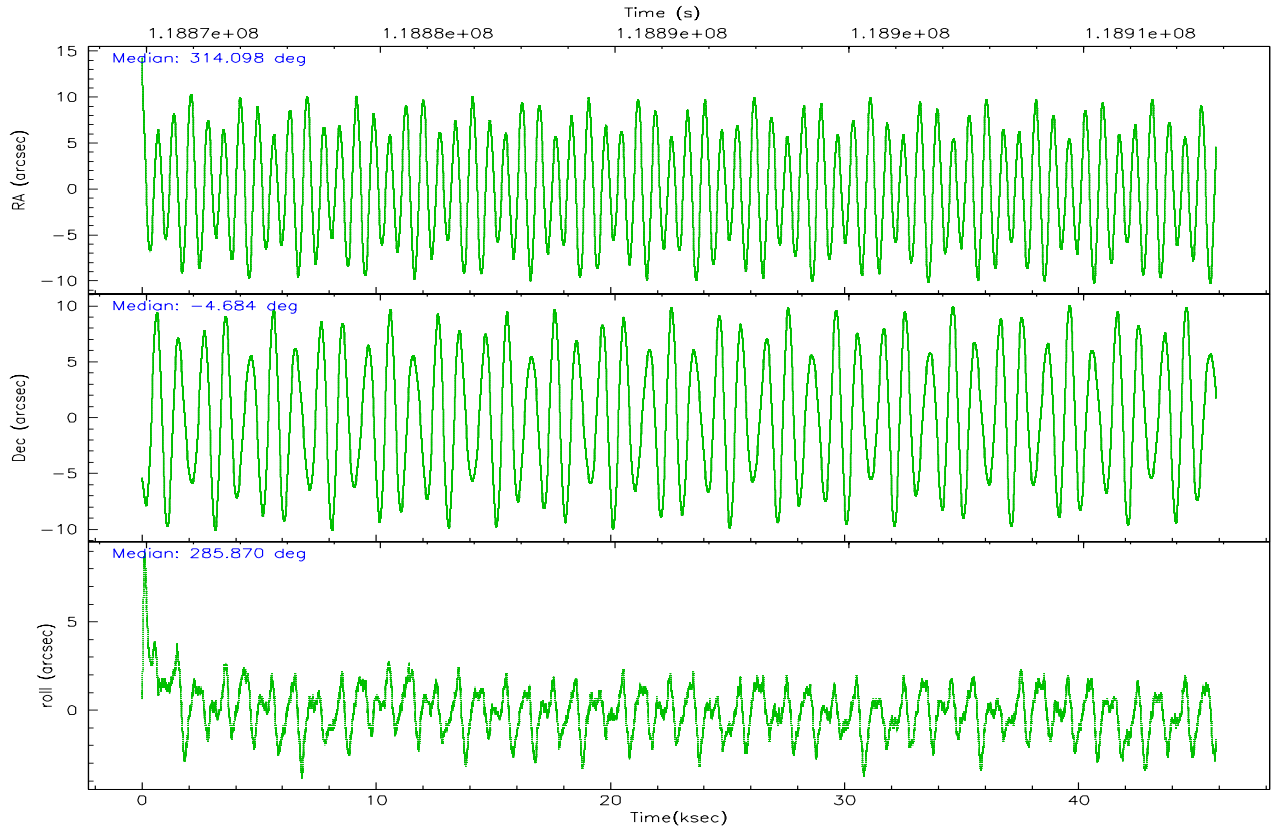
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	18192	15070	16346	16572	14649
	6%	5%	5%	5%	5%
grade 1 events	167	122	131	135	113
	0%	0%	0%	0%	0%
grade 2 events	8288	7964	7864	7311	7460
	3%	2%	2%	2%	2%
grade 3 events	3501	3481	3026	3132	3348
	1%	1%	1%	1%	1%
grade 4 events	3160	3517	3138	3162	3187
	1%	1%	1%	1%	1%
grade 5 events	9998	10731	9695	10955	11629
	3%	4%	3%	3%	4%
grade 6 events	6274	6887	6099	6373	6745
	2%	2%	2%	2%	2%
grade 7 events	214742	218035	245059	236680	234701
	81%	82%	84%	83%	83%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	314.078634	314.0984117436911	Subarray requested	NONE	NONE
Pointing Dec	-4.664943	-4.683995693864298	Alternating exposures requested	N	N
Pointing Roll	285.665731	285.8760296841942	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	118870673.184000	118869376.70553			
Observation start date	2001-10-07T19:36:49	2001-10-07T19:16:16			
Observation end time	118915673.184000	118916329.39489			
Observation end date	2001-10-08T08:06:49	2001-10-08T08:18:49			
Read mode	TIMED	TIMED			

2.3 Aspect



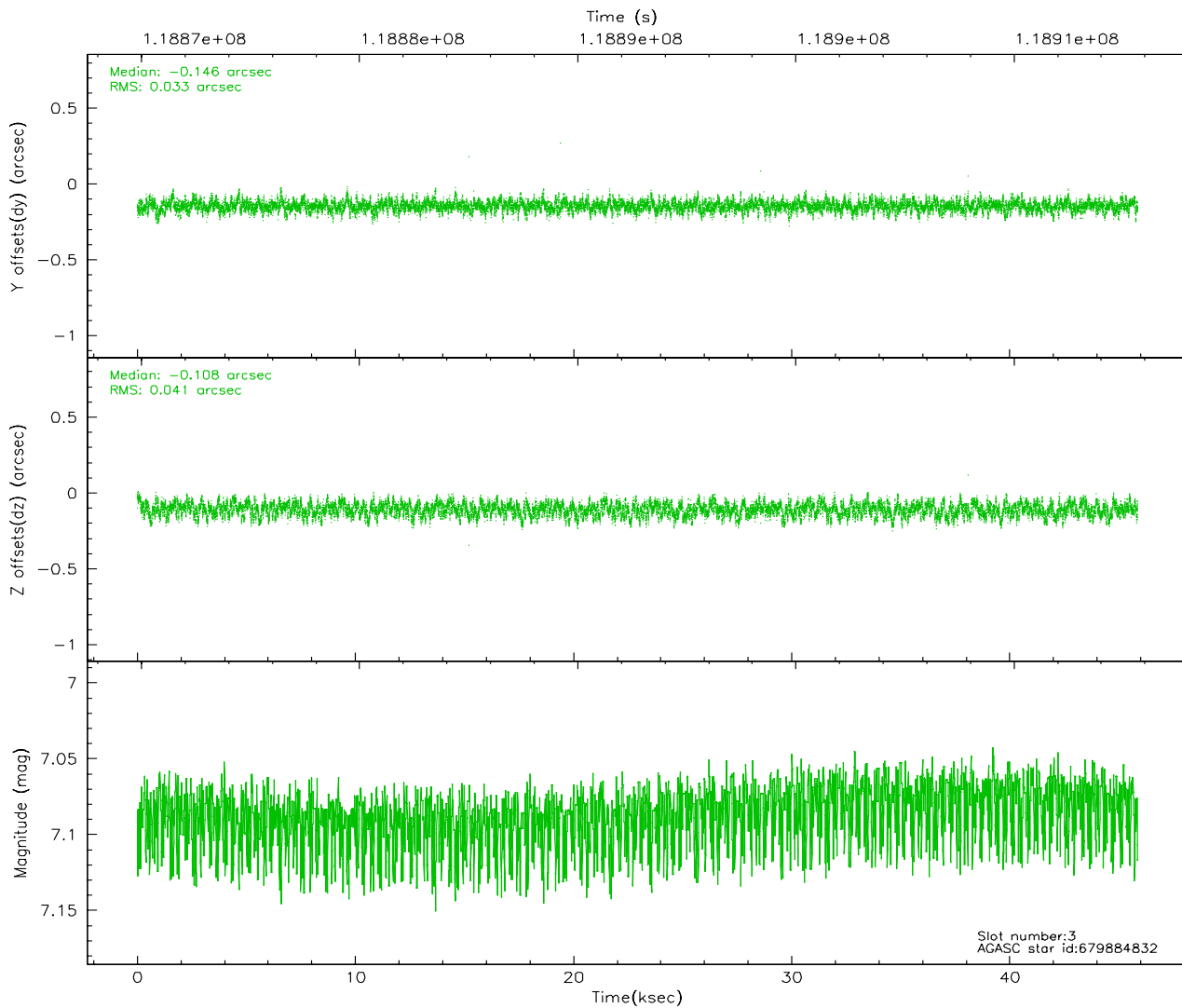
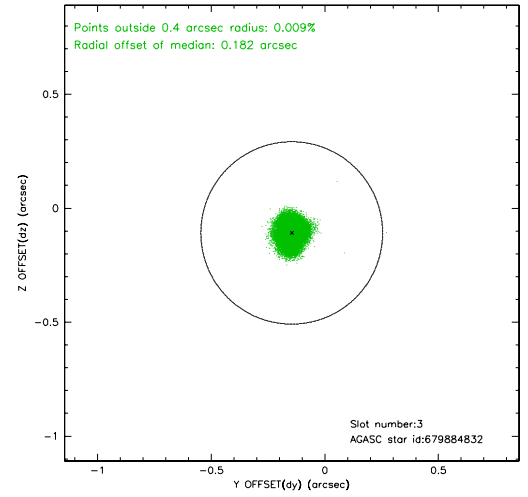
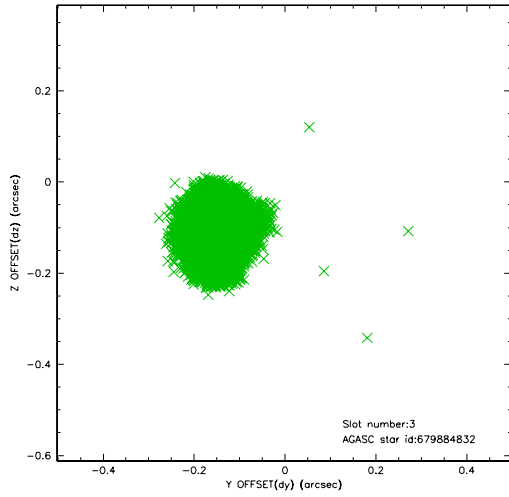


Slot Statistics

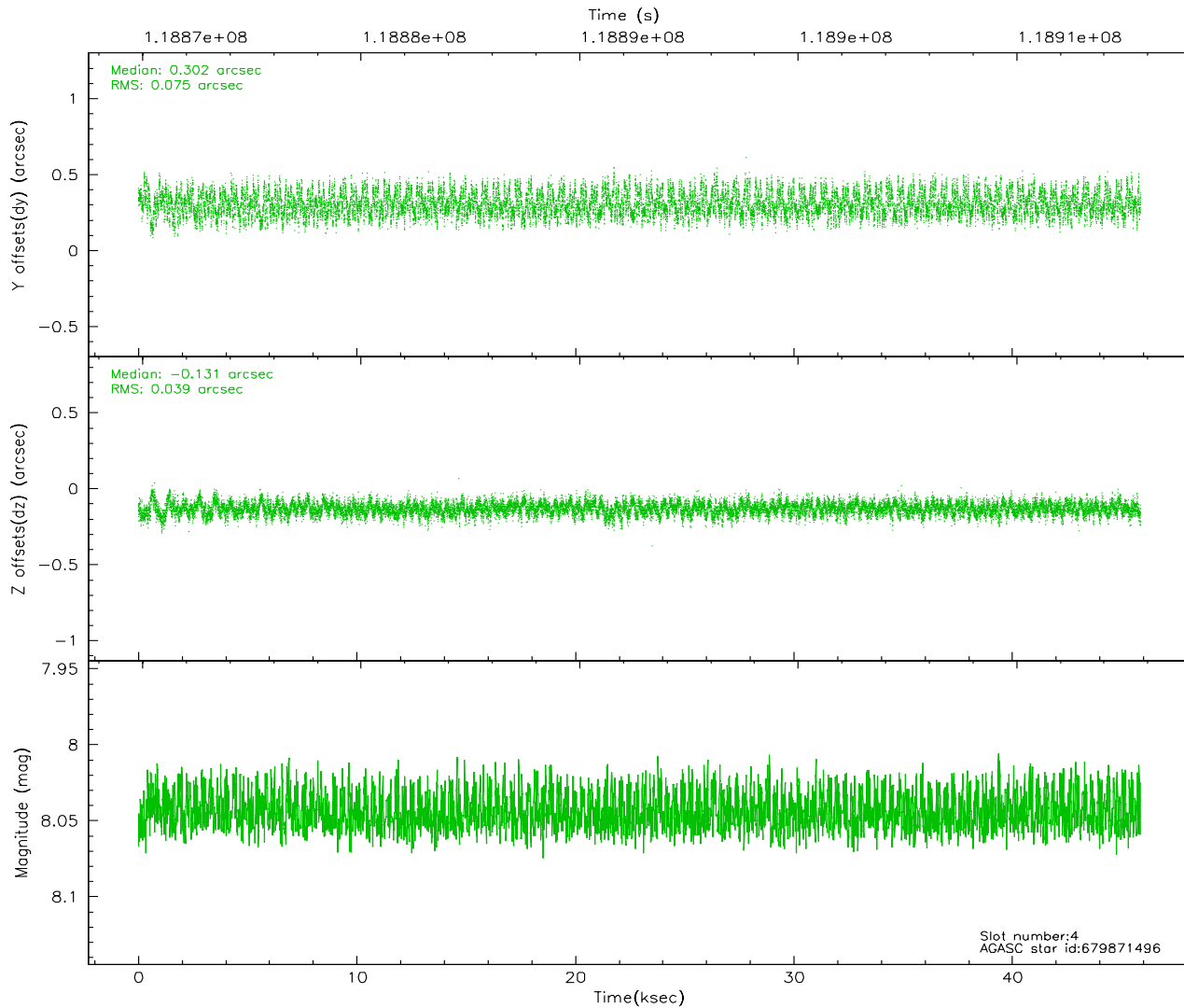
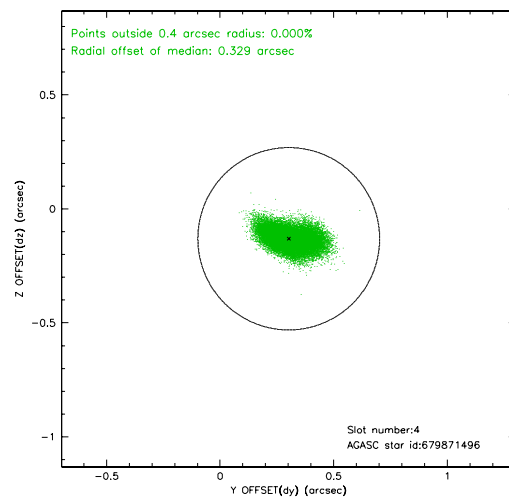
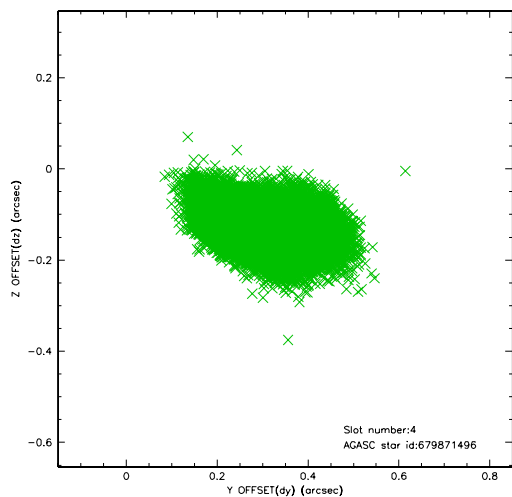
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	11182	0.063	-0.020	0.006	0.011	0.000000	0.000000	936.96	-989.23
1	FID	ACIS-I-5	7.23	11179	-0.120	0.095	0.008	0.013	0.000000	0.000000	-1811.29	908.42
2	FID	ACIS-I-6	7.27	11182	-0.034	-0.004	0.009	0.015	0.000000	0.000000	402.47	1552.77
3	GUIDE	679884832	7.09	22368	-0.146	-0.108	0.057	0.089	313.520168	-4.542180	-965.75	-1810.67
4	GUIDE	679871496	8.04	22364	0.302	-0.131	0.090	0.149	313.646494	-5.465572	2358.26	-2269.59
5	GUIDE	679884440	8.45	22366	0.086	0.116	0.058	0.095	314.085119	-4.911965	862.91	-217.58
6	GUIDE	679874416	7.89	22367	-0.110	-0.030	0.065	0.105	313.462208	-4.598591	-826.07	-2065.69
7	GUIDE	679877432	9.82	22346	-0.132	0.155	0.120	0.193	314.278040	-4.000274	-2110.63	1335.56

2.4 Star Slots

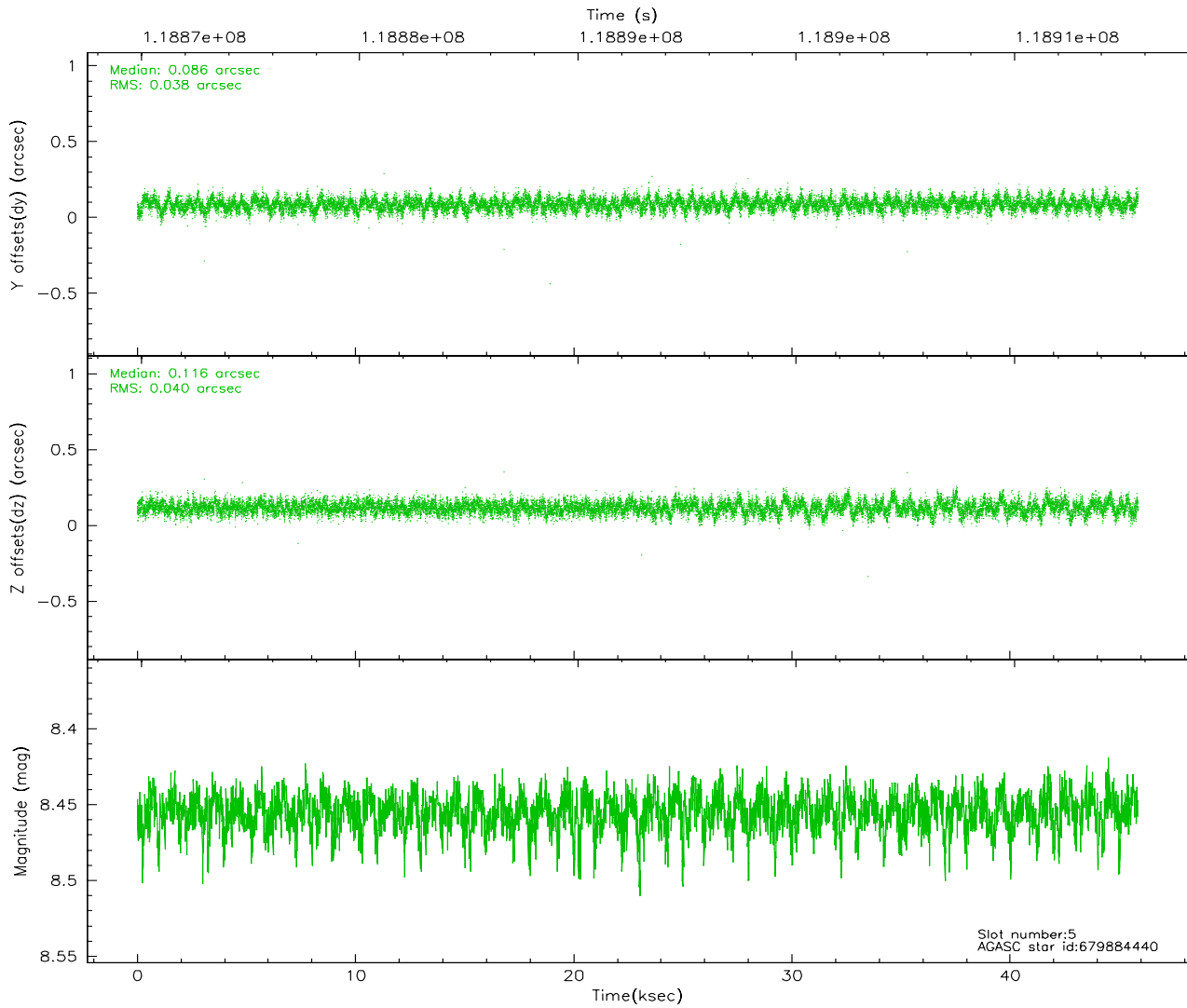
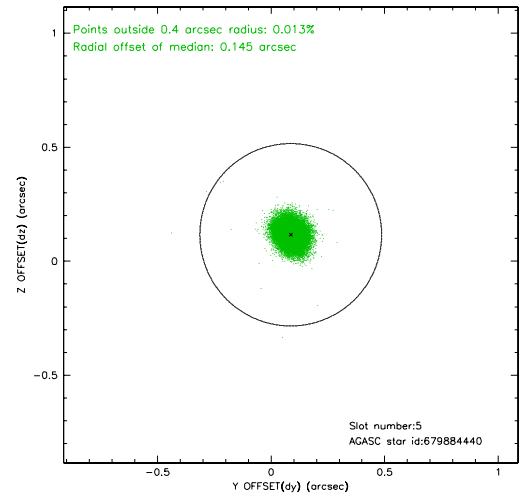
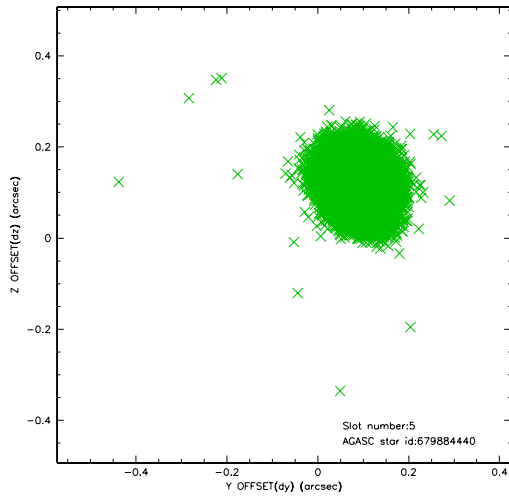
2.4.1 Slot 3



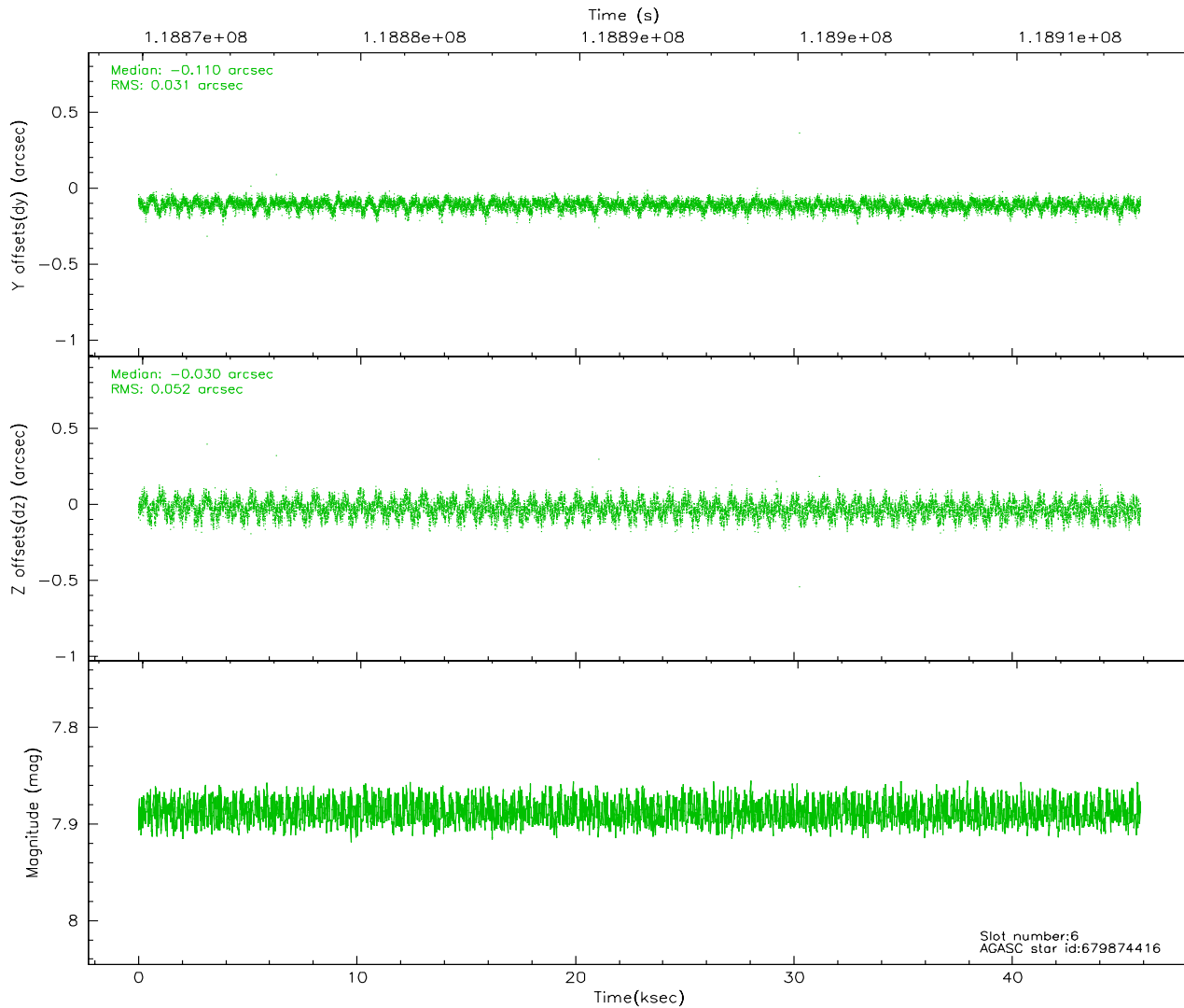
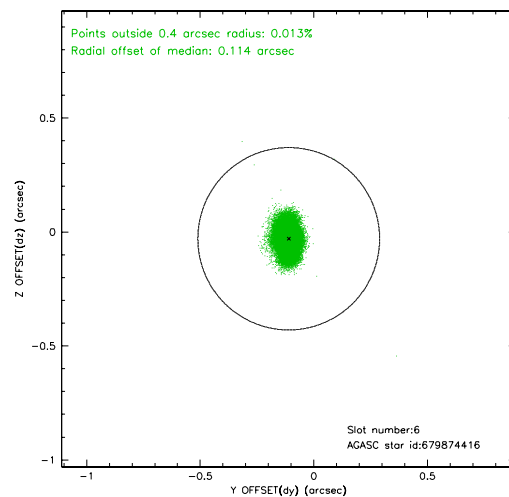
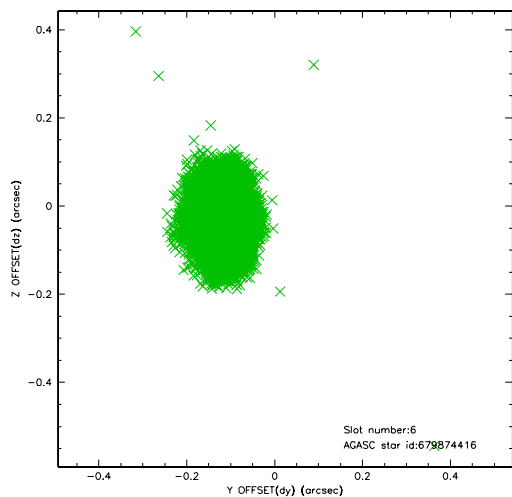
2.4.2 Slot 4



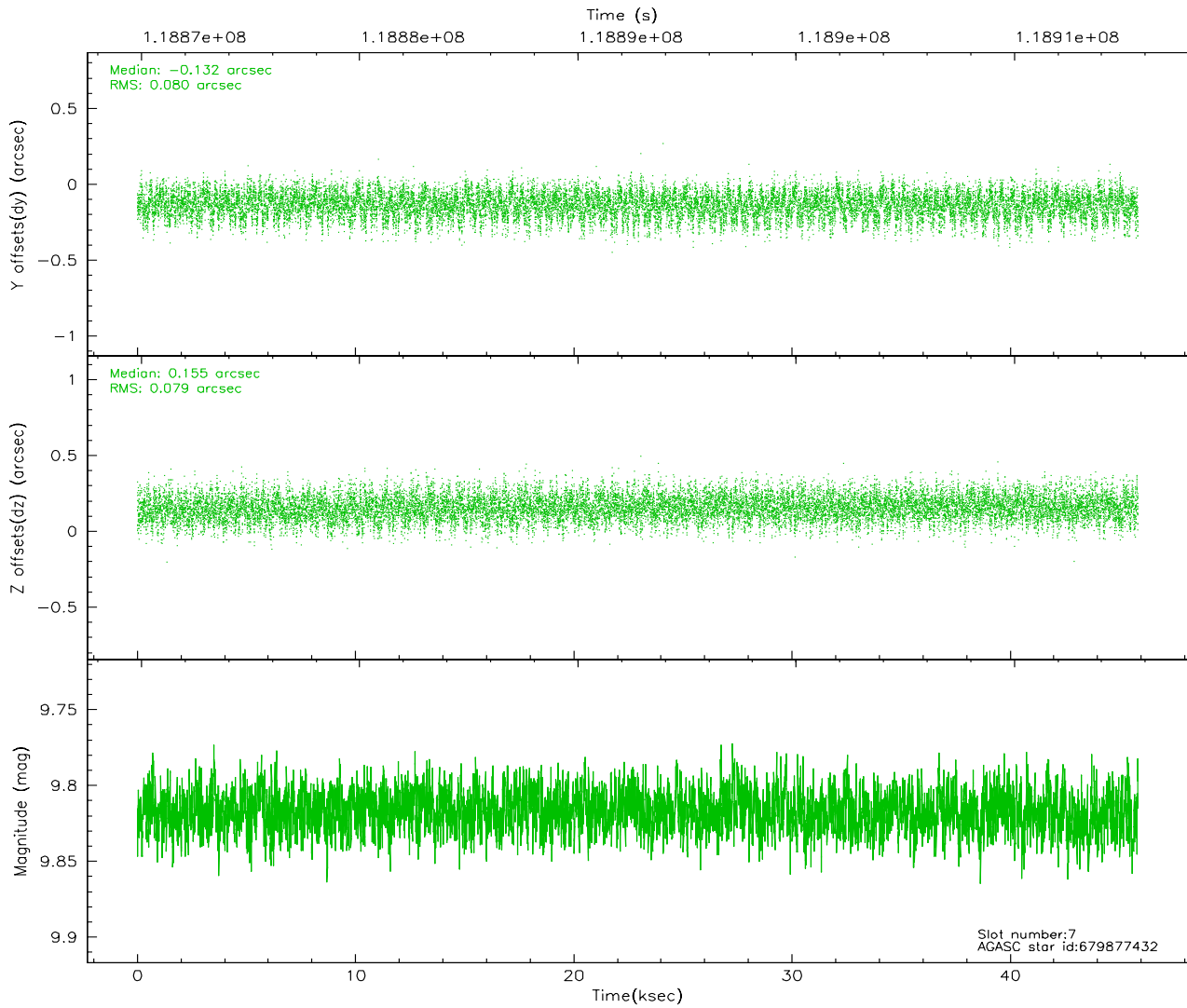
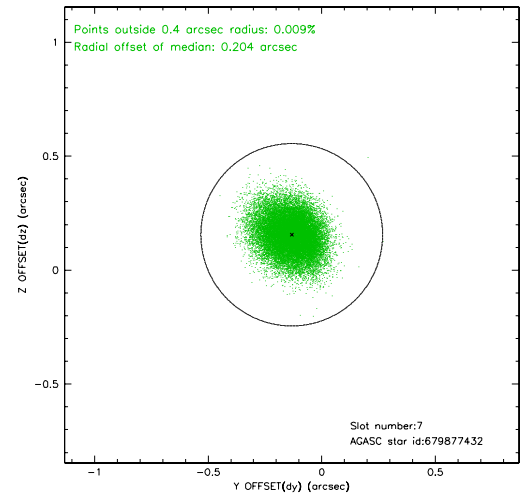
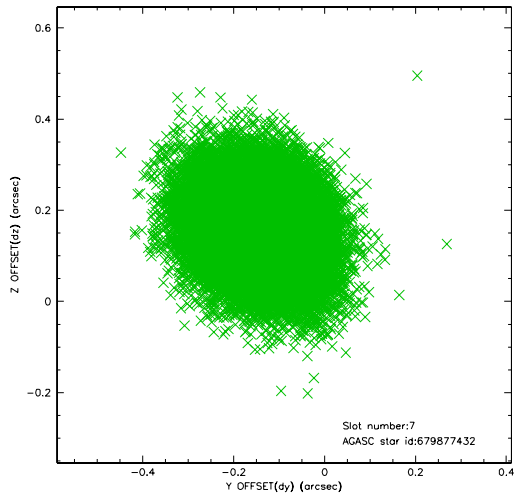
2.4.3 Slot 5



2.4.4 Slot 6

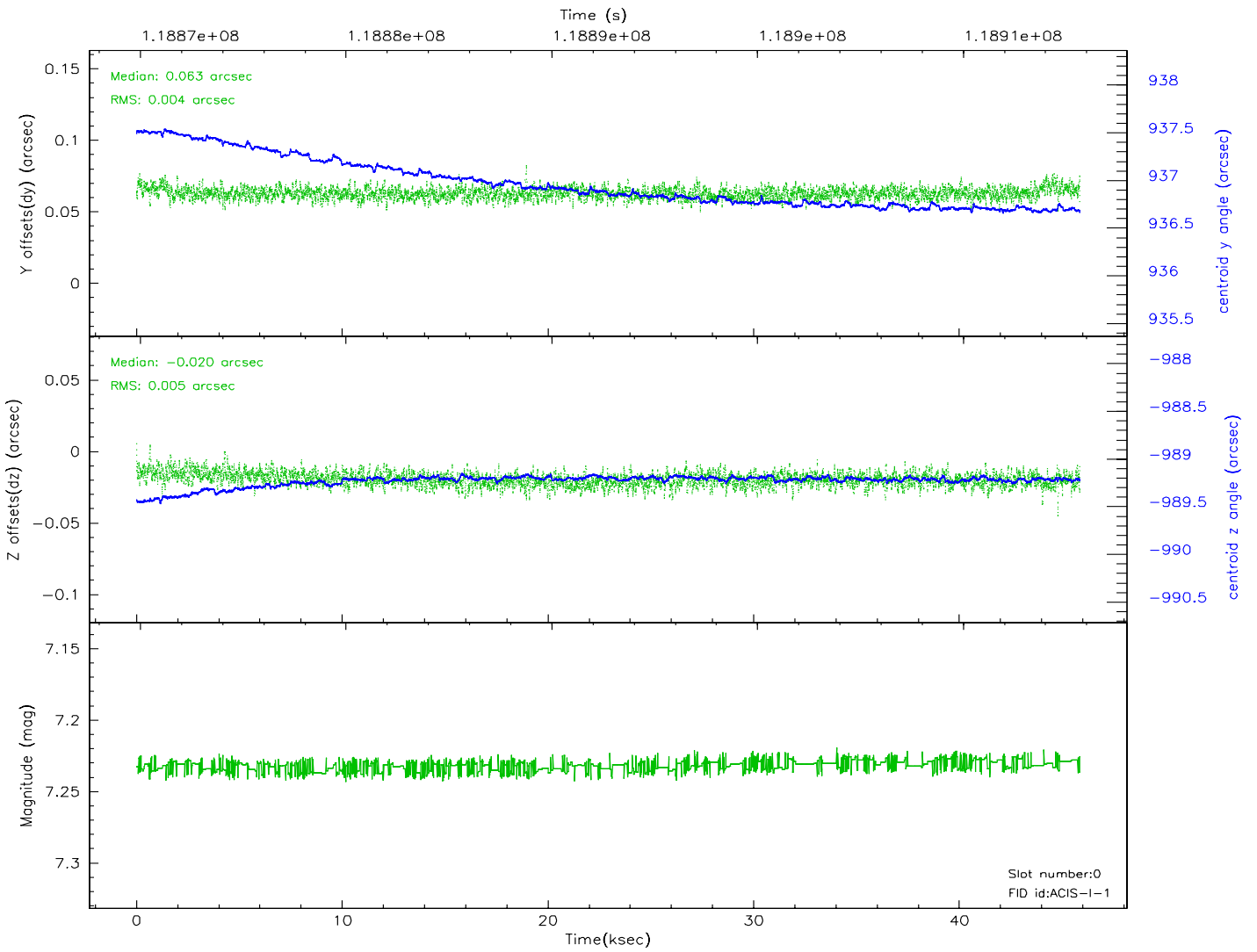
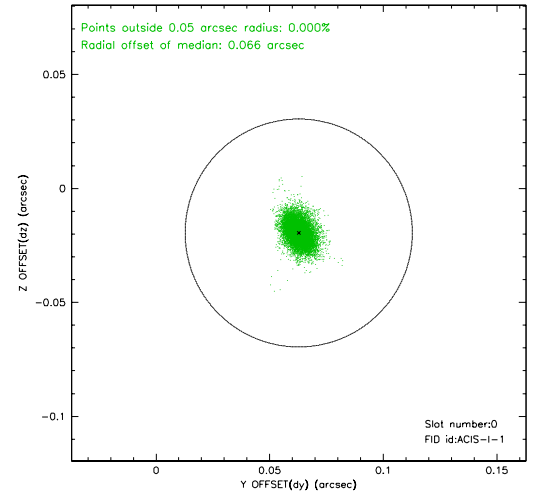
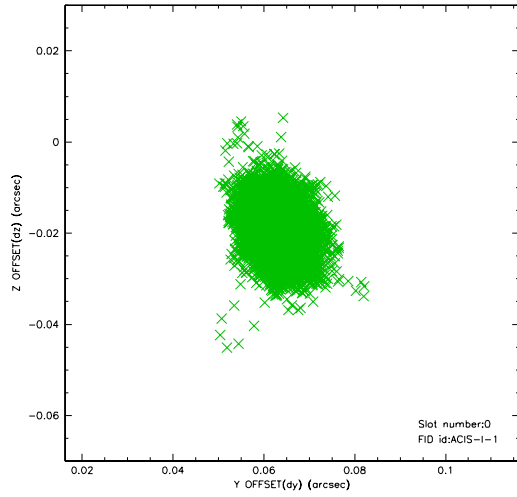


2.4.5 Slot 7

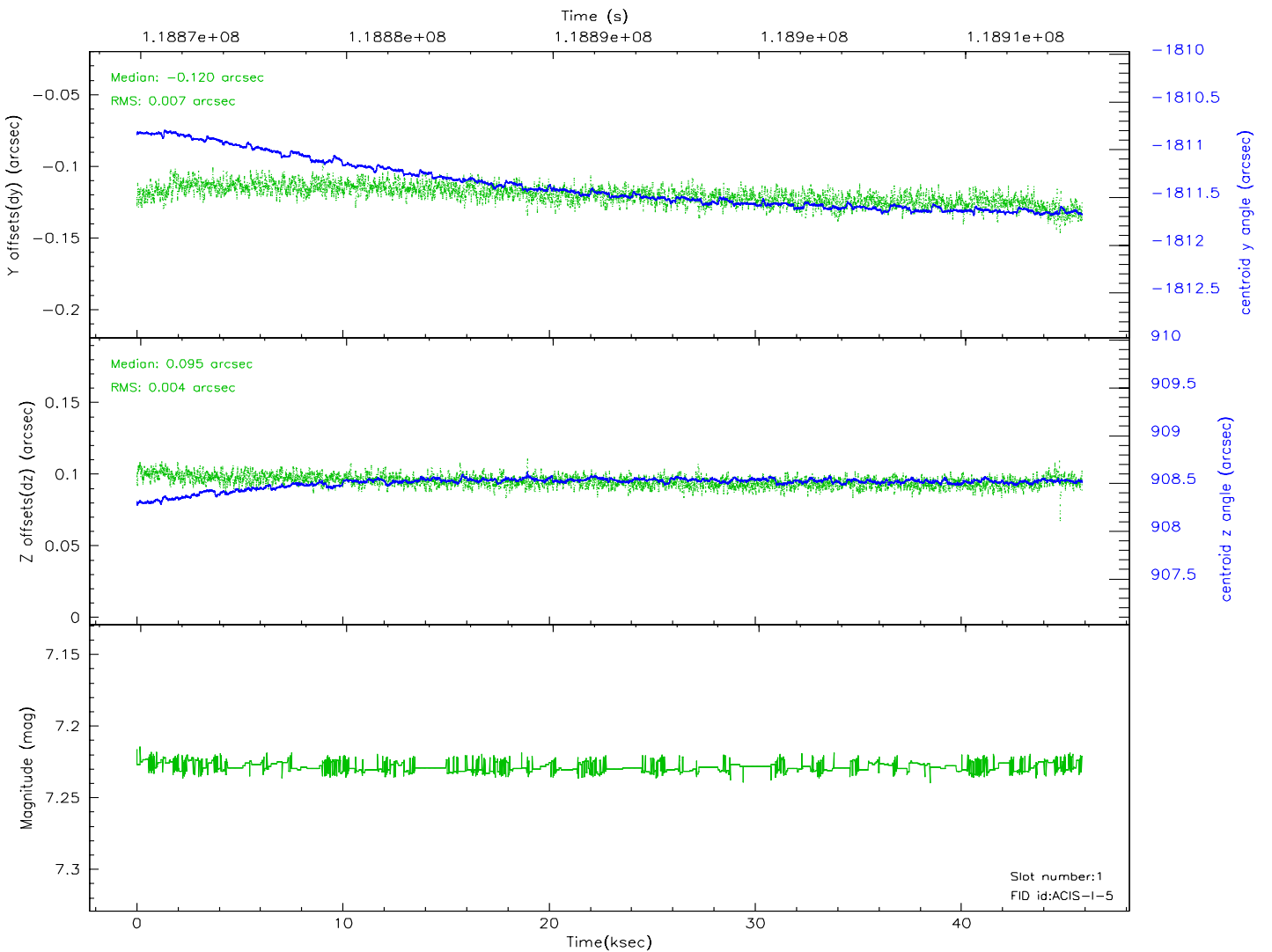
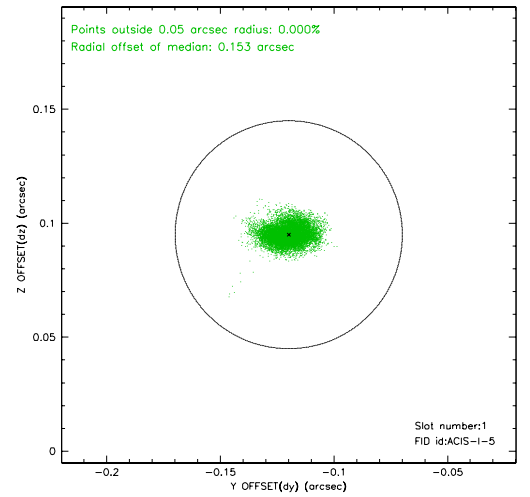
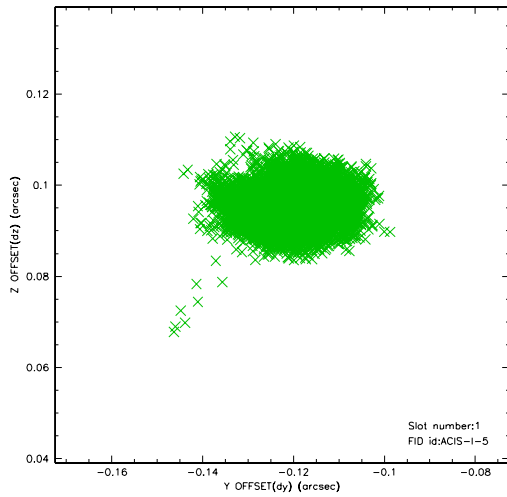


2.5 FID Slots

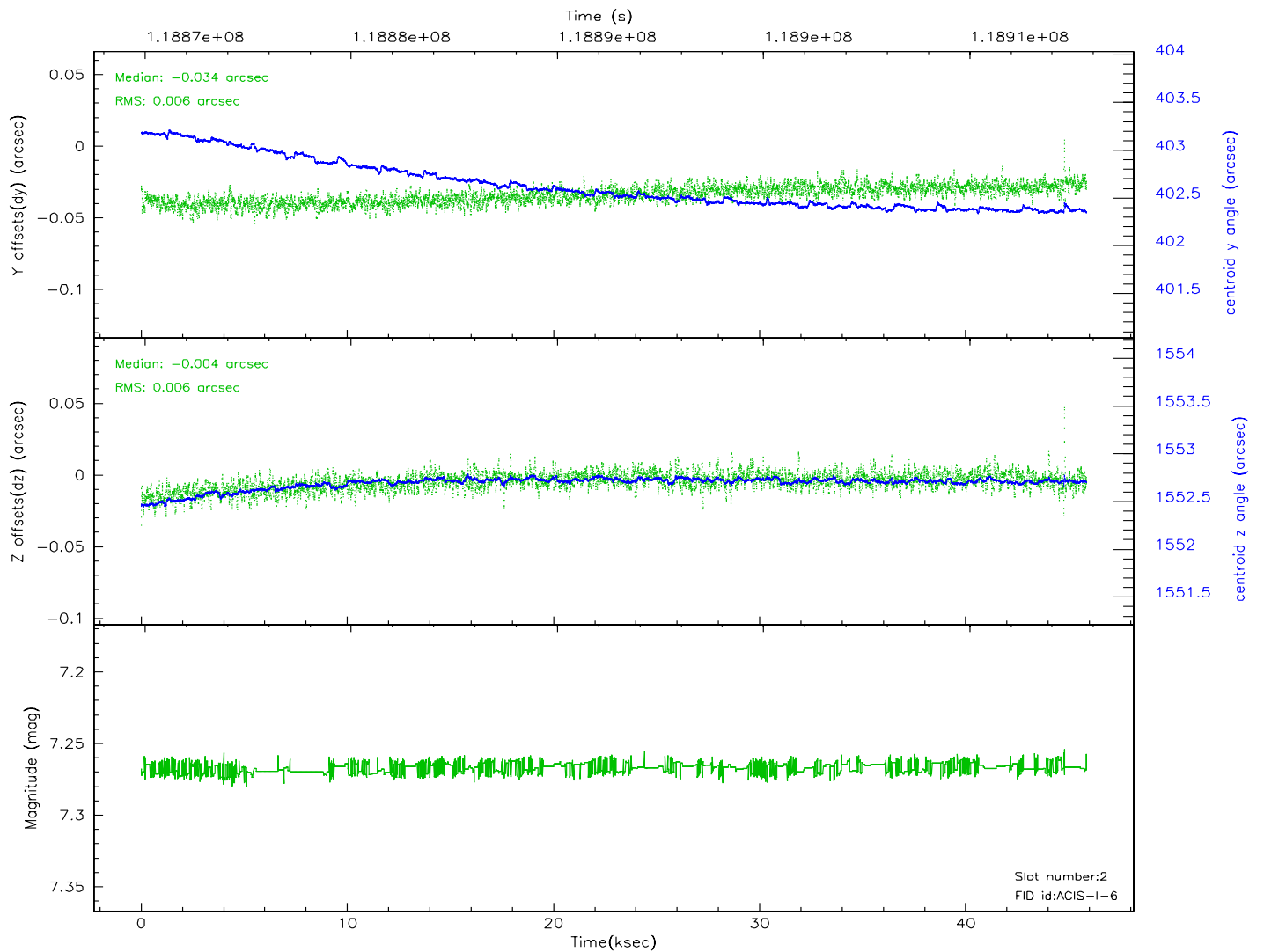
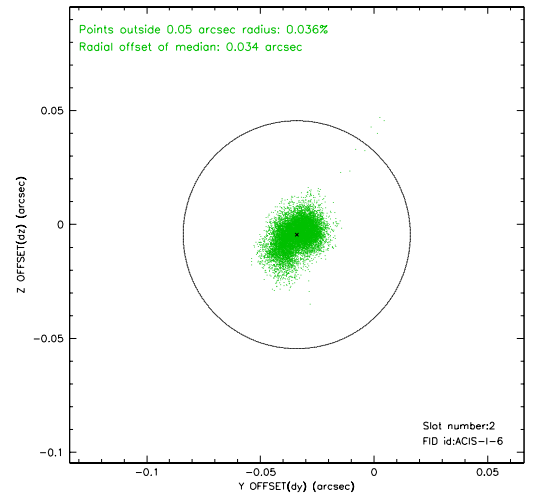
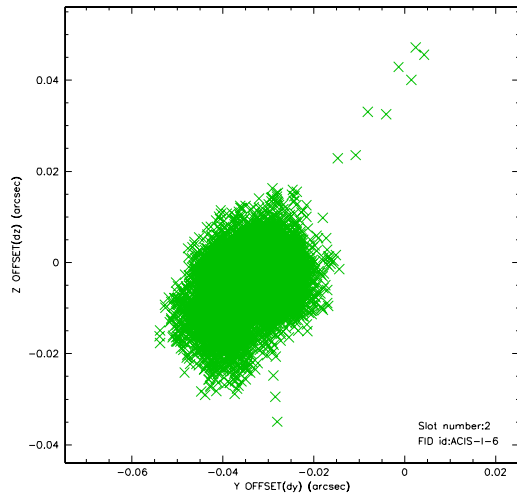
2.5.1 Slot 0



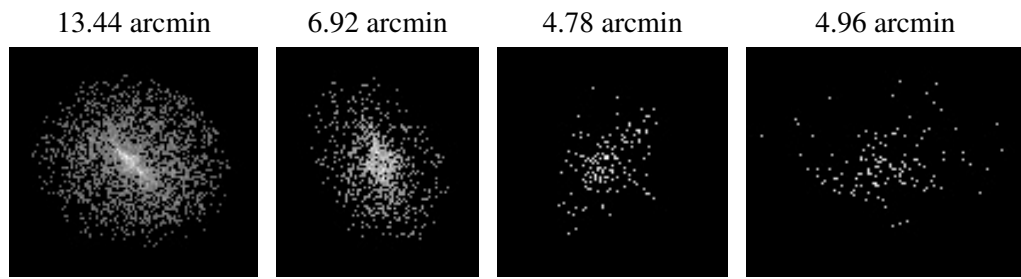
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.104

A.2 Comments