

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3849 - L2 Version 001
Chandra X-Ray Center

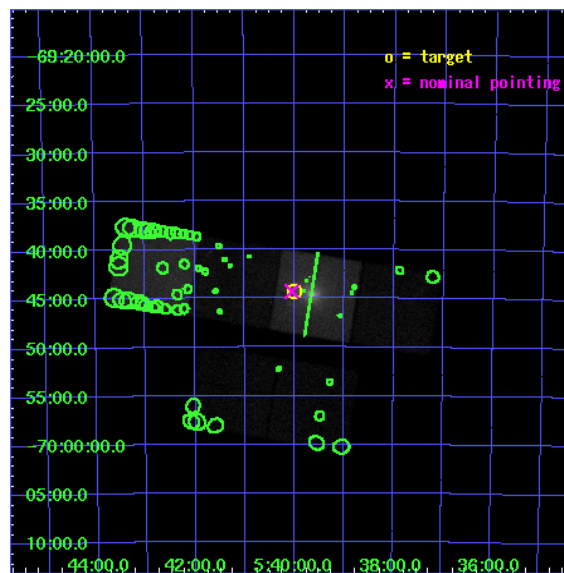
L2 Processing Date : Jun 23 2006

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1 Front

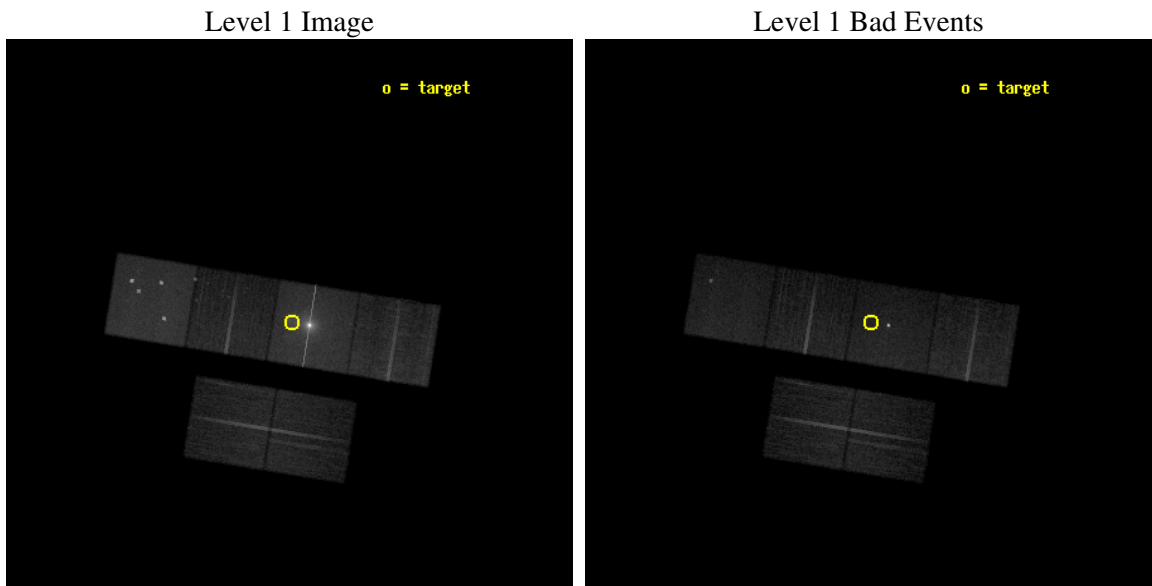
seq_num	500328
obs_id	3849
title	SUPERNOVA REMNANTS IN THE MAGELLANIC CLOUDS
observer	Frederick Seward
object	0540-697
dtcycle	0
cycle	P
ra_targ	85.0
dec_targ	-69.7375
ra_nom	85.012155512291
dec_nom	-69.738520012535
roll_nom	9.2392362581835
revision	2
ontime	21126.358951002
livetime	20858.844273199
ontime2	21129.599921286
ontime3	21129.599921286
ontime5	21129.599921286
ontime6	21129.599921286
ontime7	21126.358951002
ontime8	21129.599921286
l2events	364559



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-23T11:47:15
revision	2

sched_exp_time	20983.809000
ontime	21299.873263896
ontime2	21303.114234179
ontime3	21303.114234179
ontime5	21303.114234179
ontime6	21303.114234179
ontime7	21299.873263896
ontime8	21303.114234179
l1events	1089008

2.1.3 Events

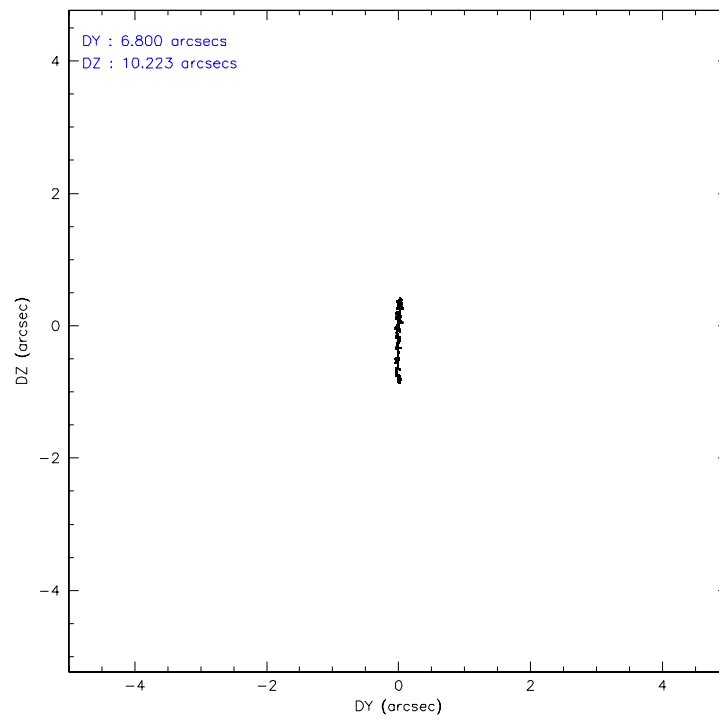
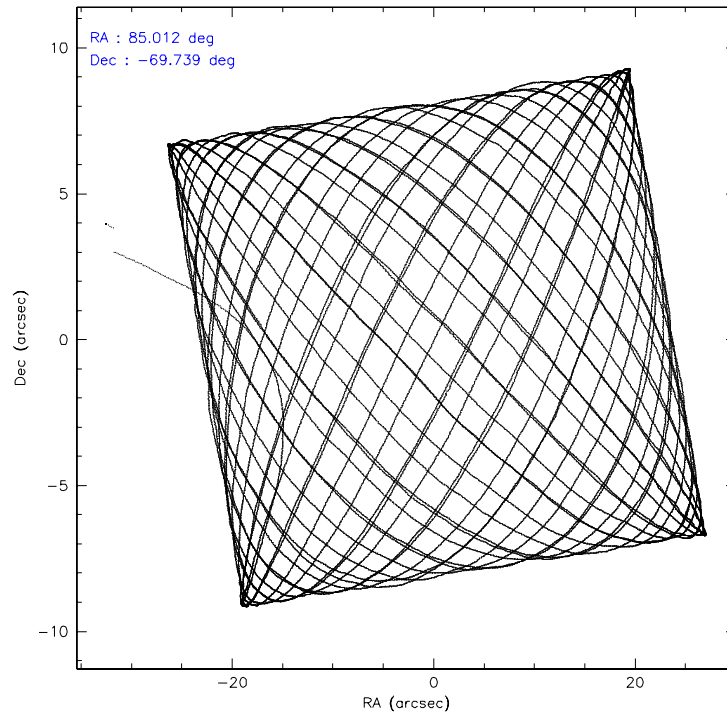
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	129916	121273	220077	135190	318767	163785
rejected events	110976	104170	106599	108828	119568	124503
rejected %	85%	85%	48%	80%	37%	76%

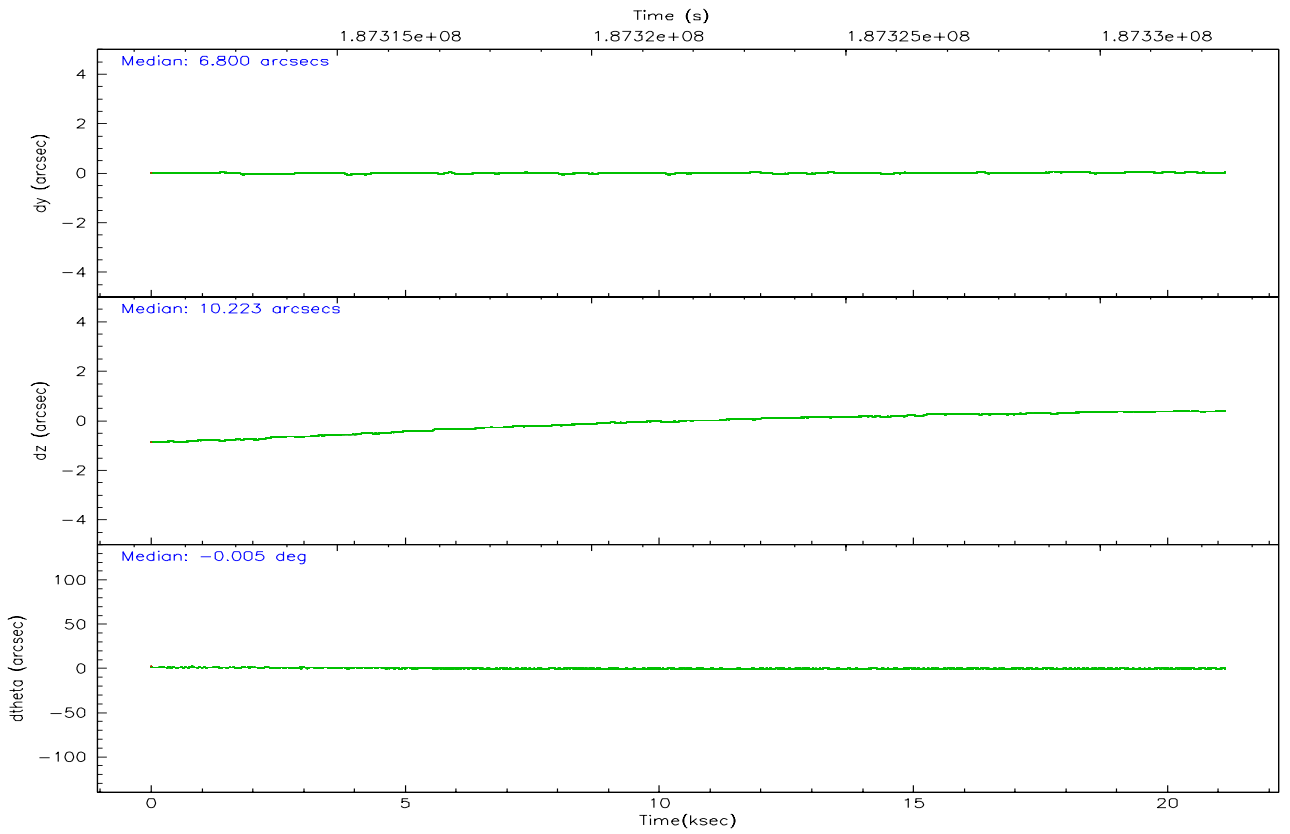
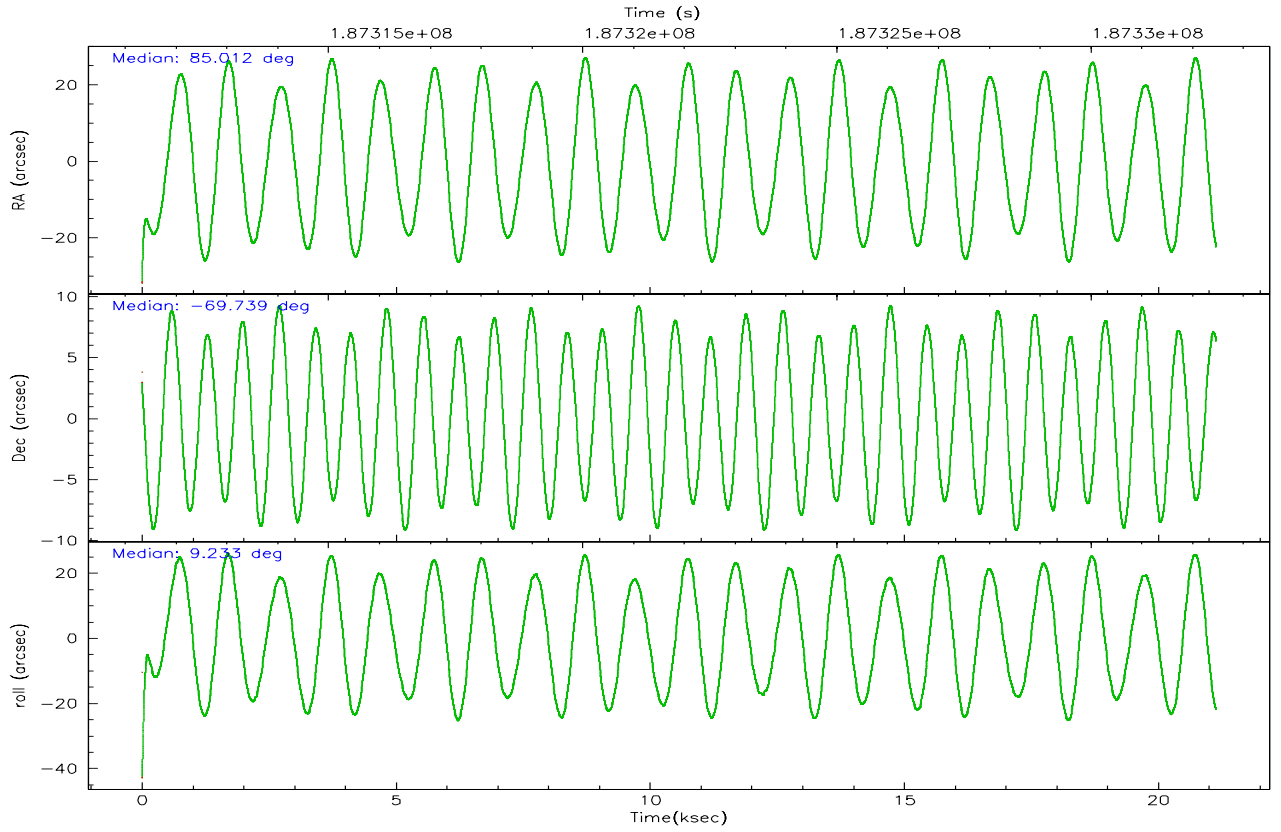
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8009	6657	23962	13744	33452	13698
	6%	5%	10%	10%	10%	8%
grade 1 events	47	35	1105	71	929	86
	0%	0%	0%	0%	0%	0%
grade 2 events	5476	4917	33947	6256	55411	9702
	4%	4%	15%	4%	17%	5%
grade 3 events	1173	1223	2988	1355	17074	3603
	0%	1%	1%	1%	5%	2%
grade 4 events	1182	1177	2990	1320	16760	3324
	0%	0%	1%	0%	5%	2%
grade 5 events	4119	4578	8961	4888	14269	6454
	3%	3%	4%	3%	4%	3%
grade 6 events	3246	3265	50448	3886	78160	9321
	2%	2%	22%	2%	24%	5%
grade 7 events	106664	99421	95676	103670	102712	117597
	82%	81%	43%	76%	32%	71%

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	GRADED	GRADED	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	84.951979	85.01215551229079	Alternating exposures requested	N	N
Pointing Dec	-69.756021	-69.73852001253522	Primary exposure time	0.000000	3.2
Pointing Roll	9.026166	9.239236258183483			
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	187311480.184000	187310343.34889			
Observation start date	2003-12-08T22:56:56	2003-12-08T22:39:03			
Observation end time	187332464.184000	187332779.06236			
Observation end date	2003-12-09T04:46:40	2003-12-09T04:52:59			
Read mode	TIMED	TIMED			

2.3 Aspect



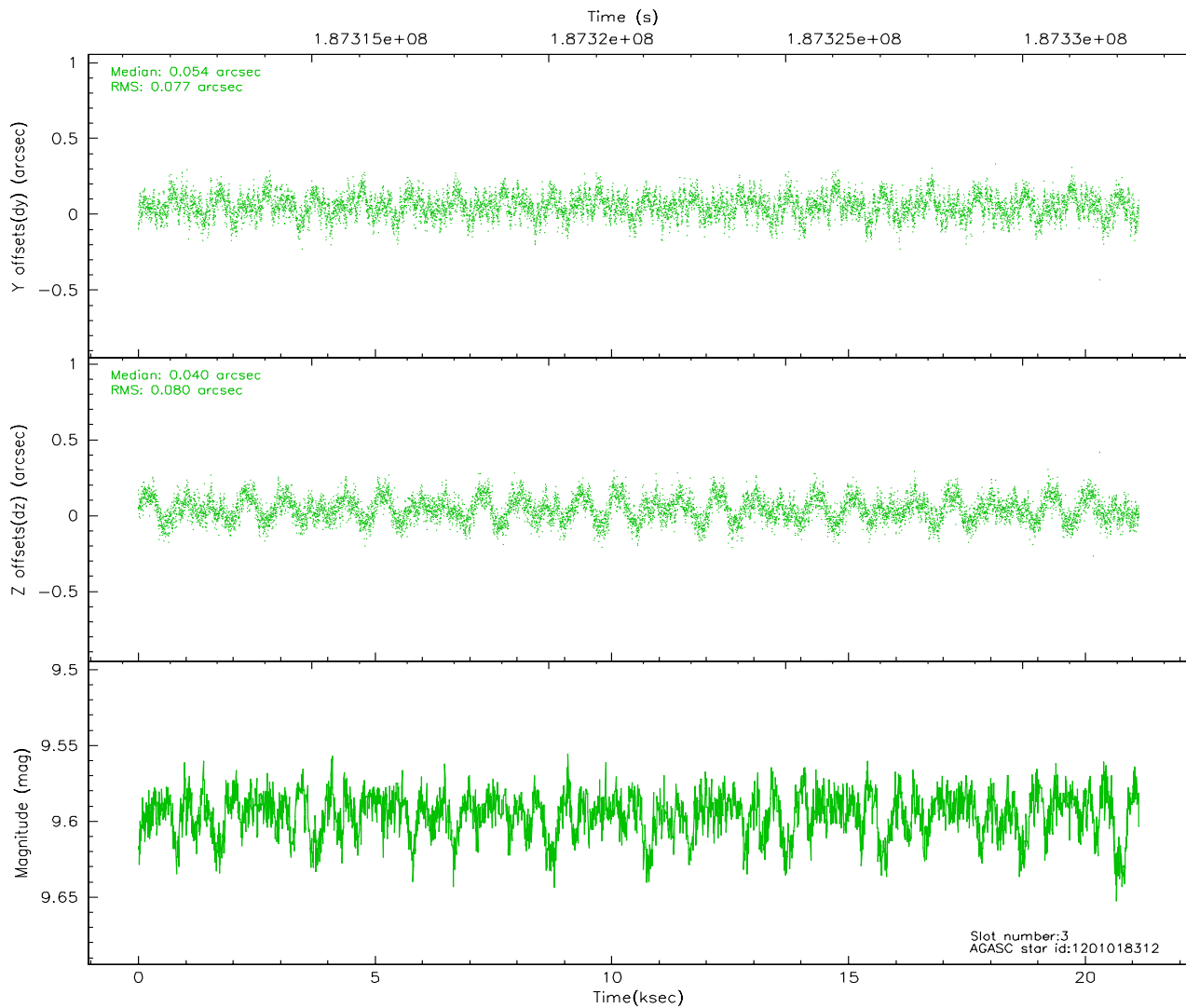
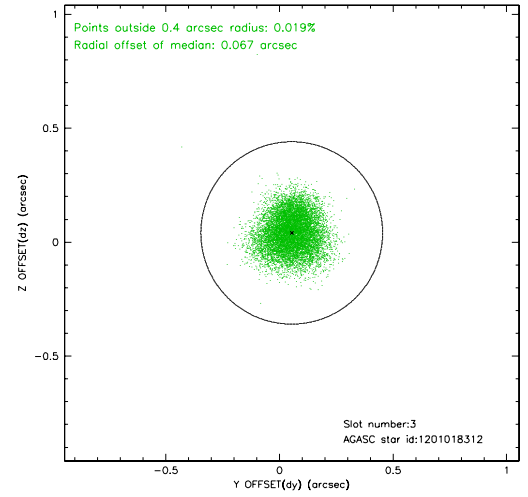
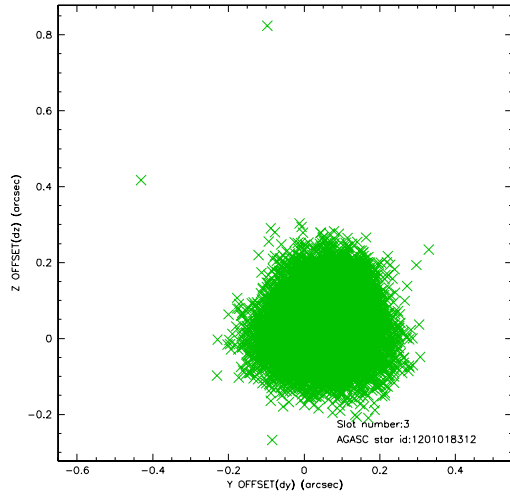


Slot Statistics

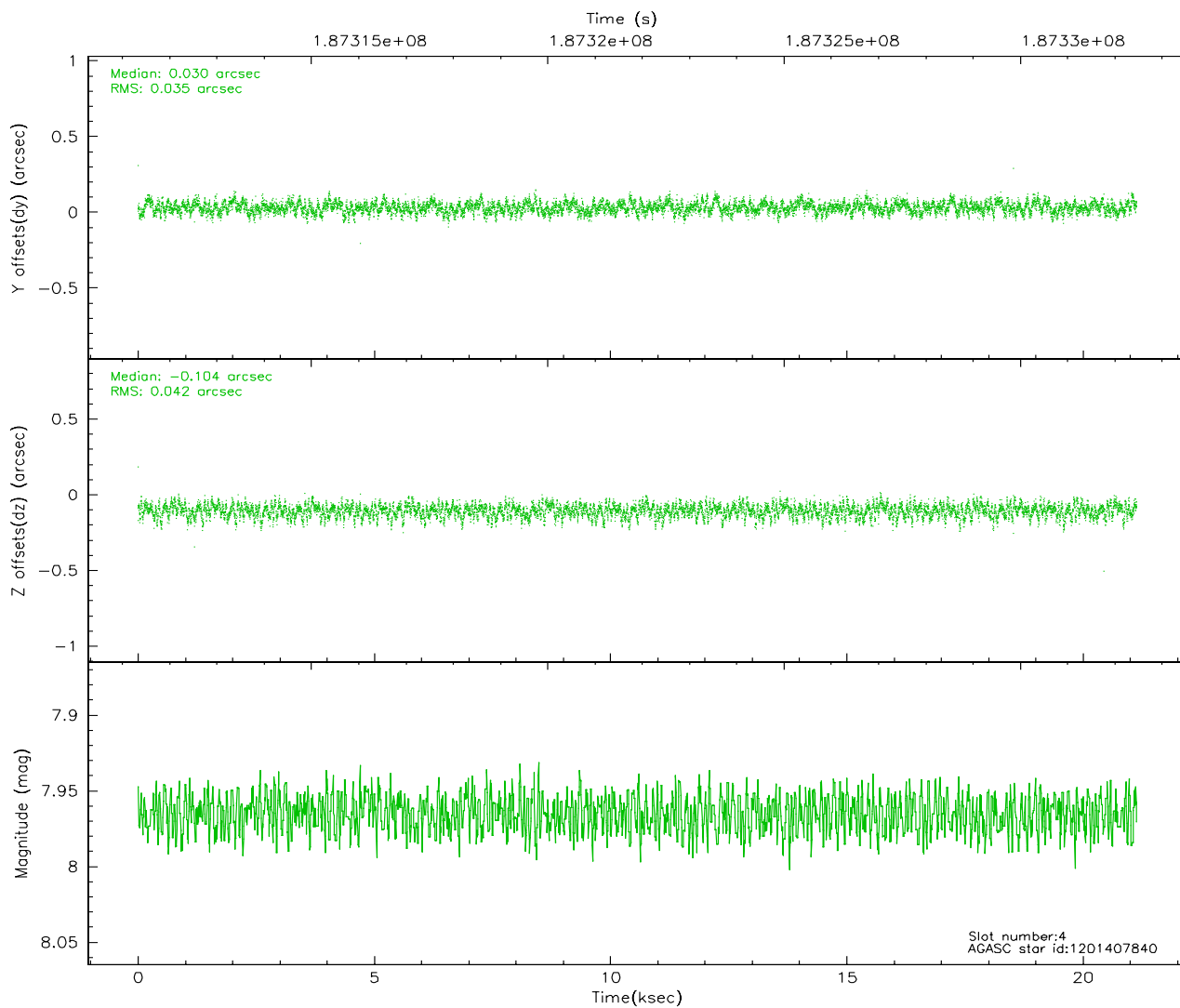
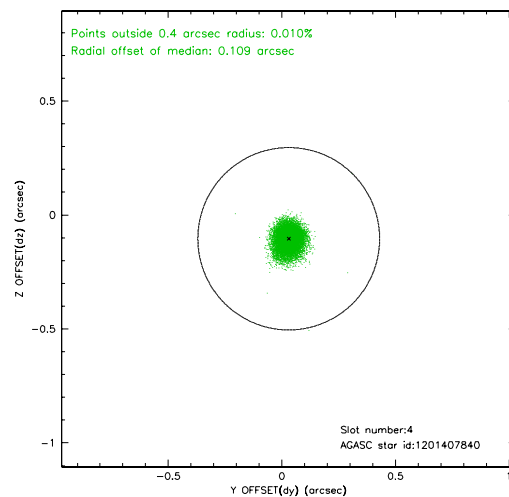
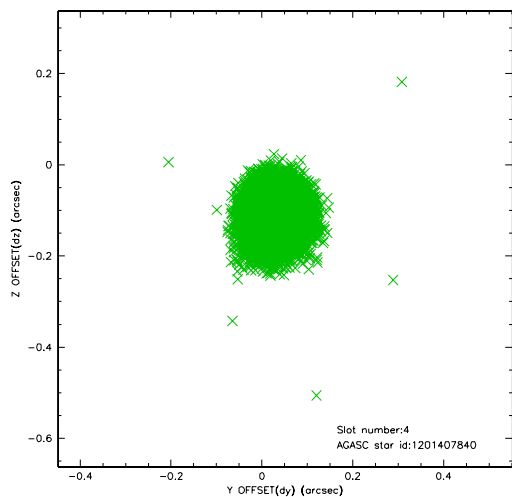
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5156	-0.048	-0.002	0.010	0.019	0.000000	0.000000	-759.56	-1731.39
1	FID	ACIS-S-4	7.20	5155	0.044	0.024	0.005	0.009	0.000000	0.000000	2153.70	176.99
2	FID	ACIS-S-5	7.23	5155	-0.027	-0.014	0.009	0.019	0.000000	0.000000	-1812.20	170.75
3	GUIDE	1201018312	9.59	10305	0.054	0.040	0.120	0.186	86.298231	-69.115627	2065.26	1987.56
4	GUIDE	1201407840	7.96	10311	0.030	-0.104	0.058	0.093	83.696303	-70.172201	-1751.04	-1254.73
5	GUIDE	1201539448	8.93	10308	-0.041	0.048	0.084	0.138	85.635707	-70.382152	462.34	-2360.15
6	GUIDE	1201540760	8.54	10310	-0.006	0.069	0.079	0.128	84.403691	-70.419249	-1027.67	-2257.26
7	GUIDE	1201541752	7.36	10310	-0.039	-0.046	0.053	0.087	85.373891	-70.033762	355.47	-1070.65

2.4 Star Slots

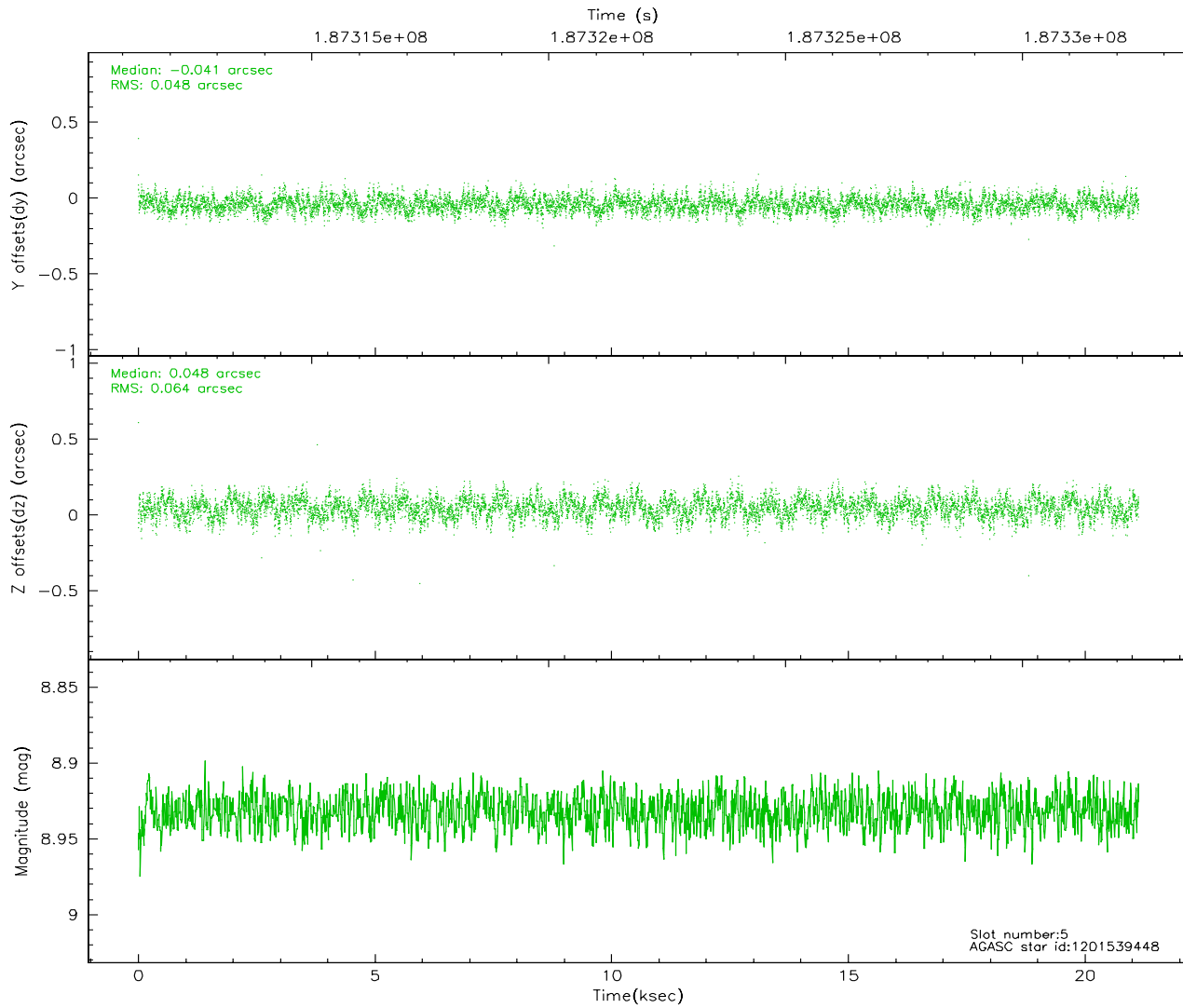
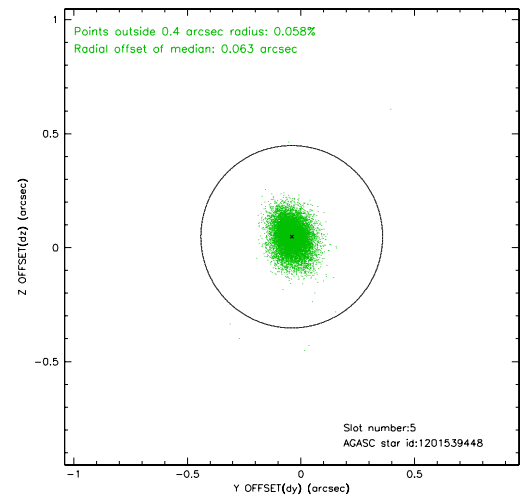
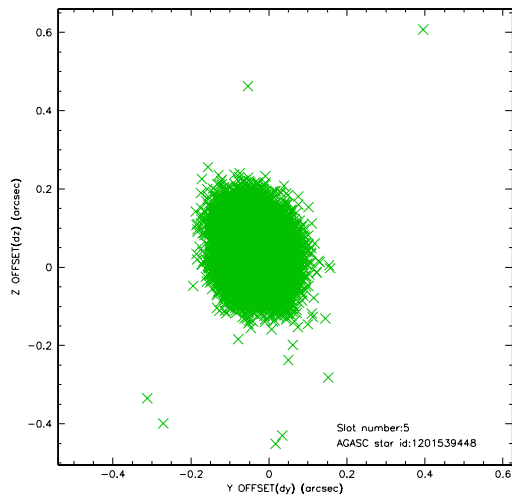
2.4.1 Slot 3



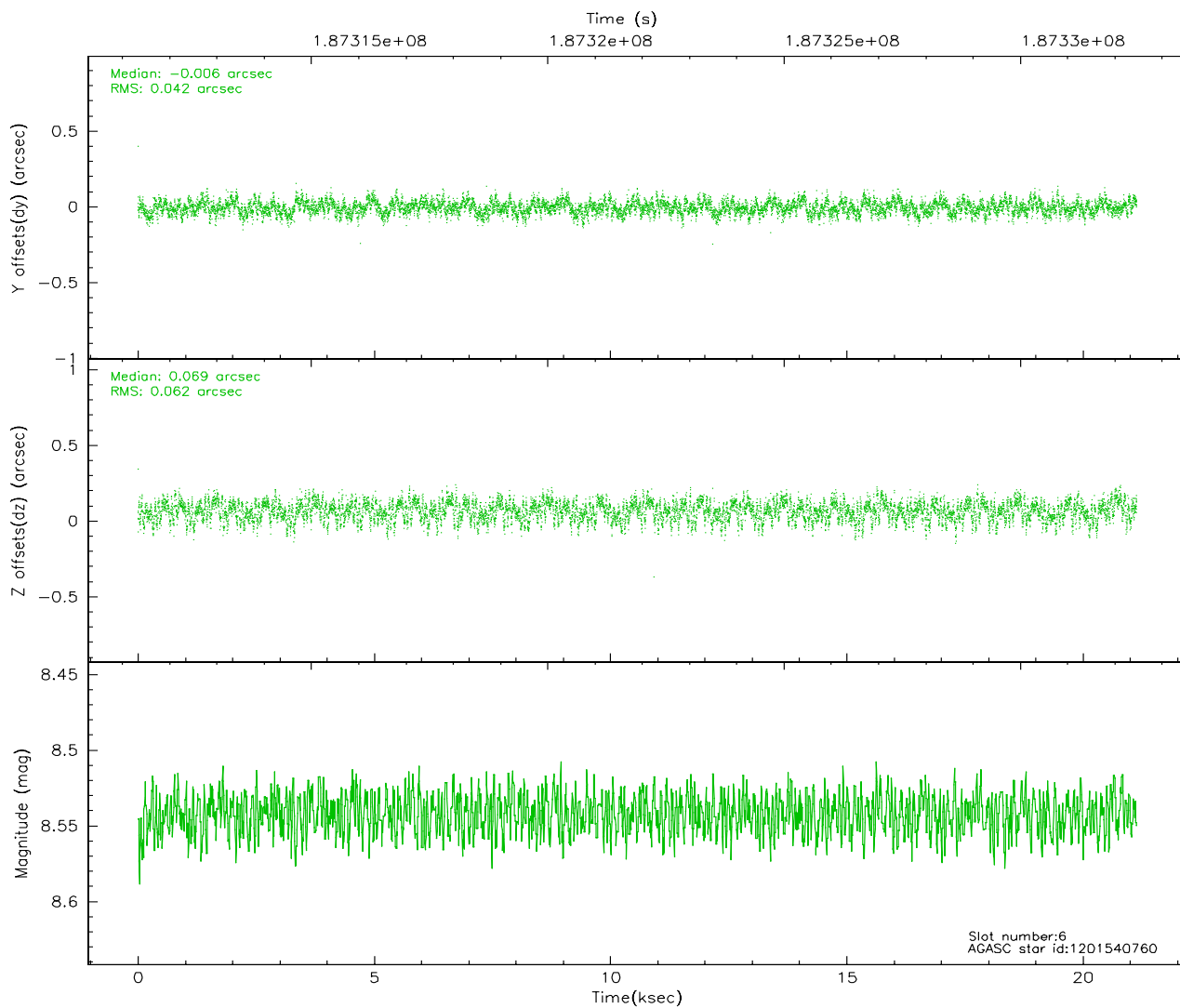
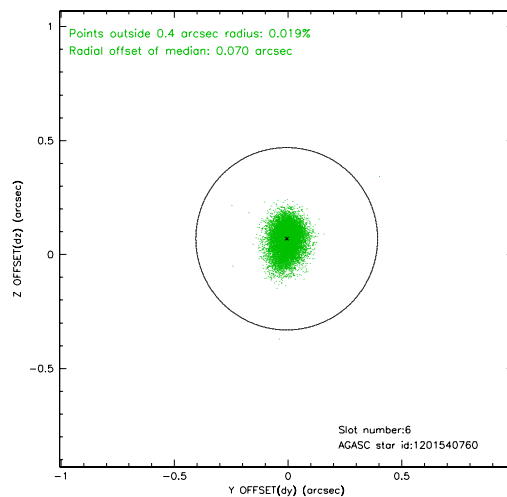
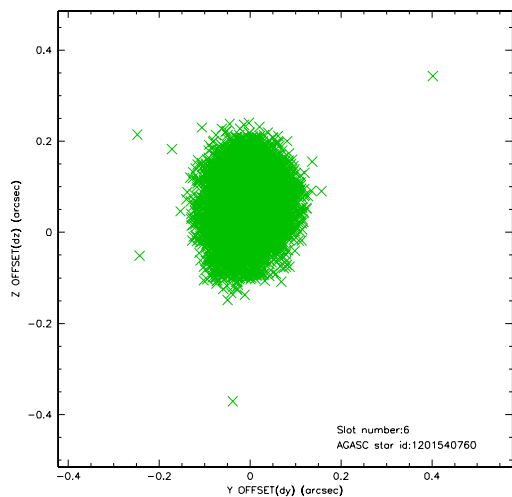
2.4.2 Slot 4



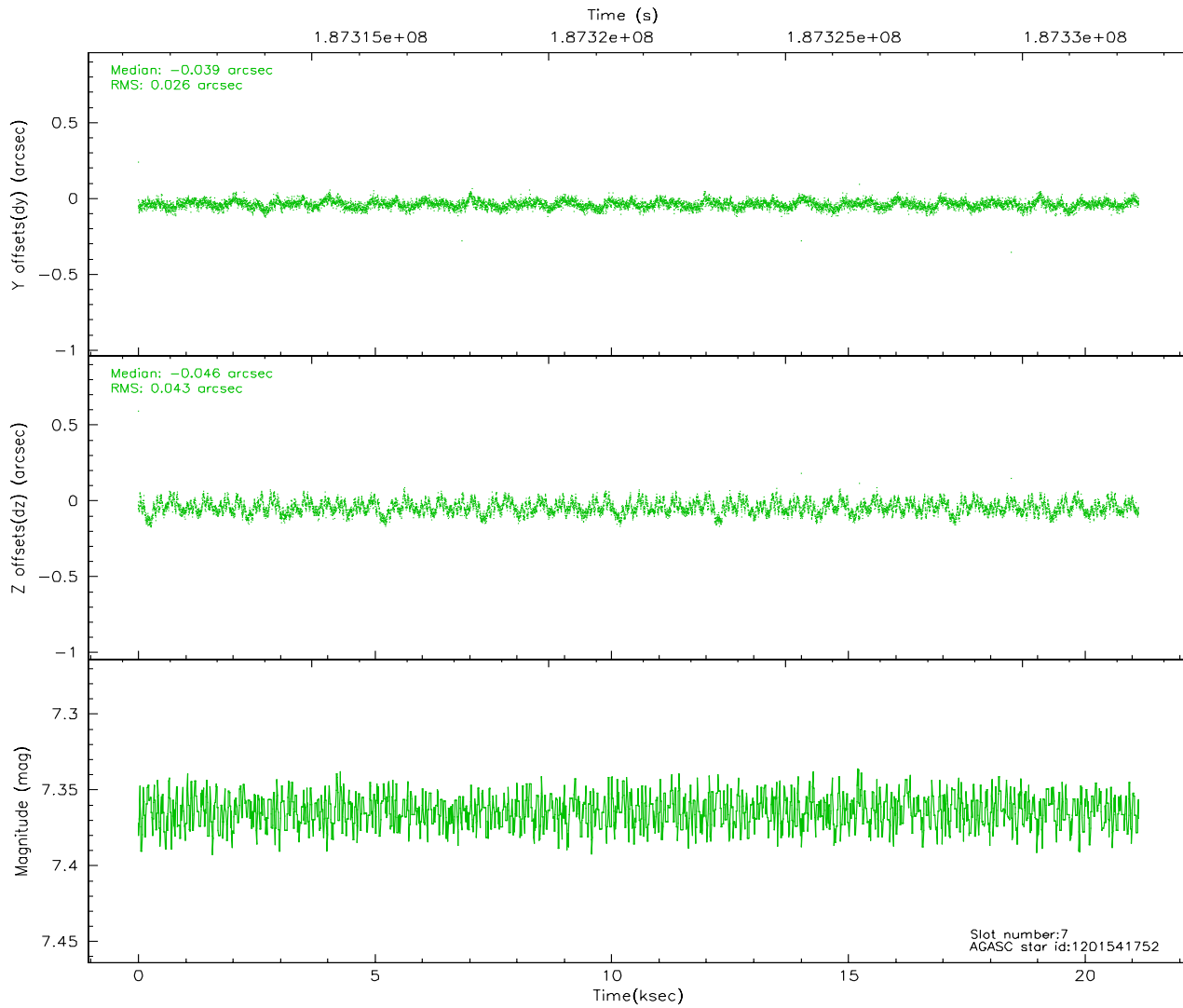
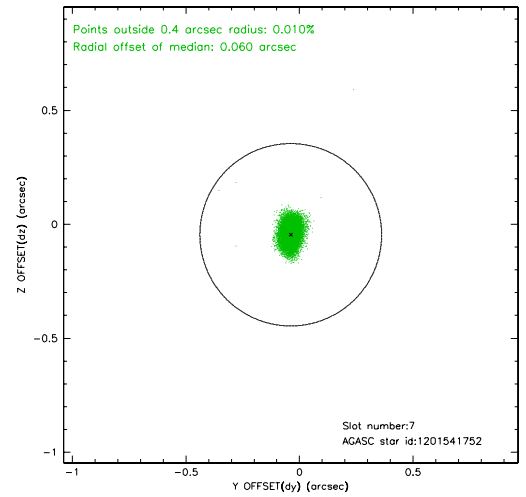
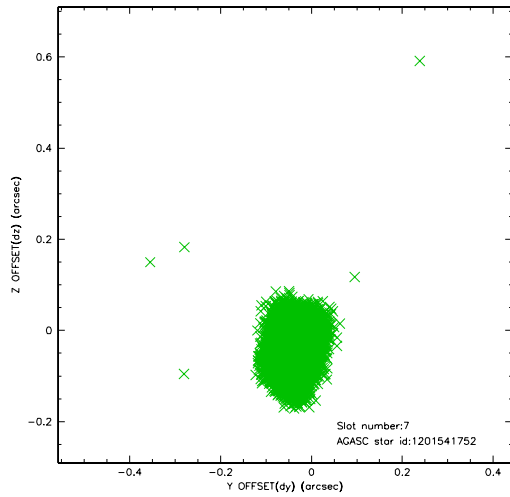
2.4.3 Slot 5



2.4.4 Slot 6

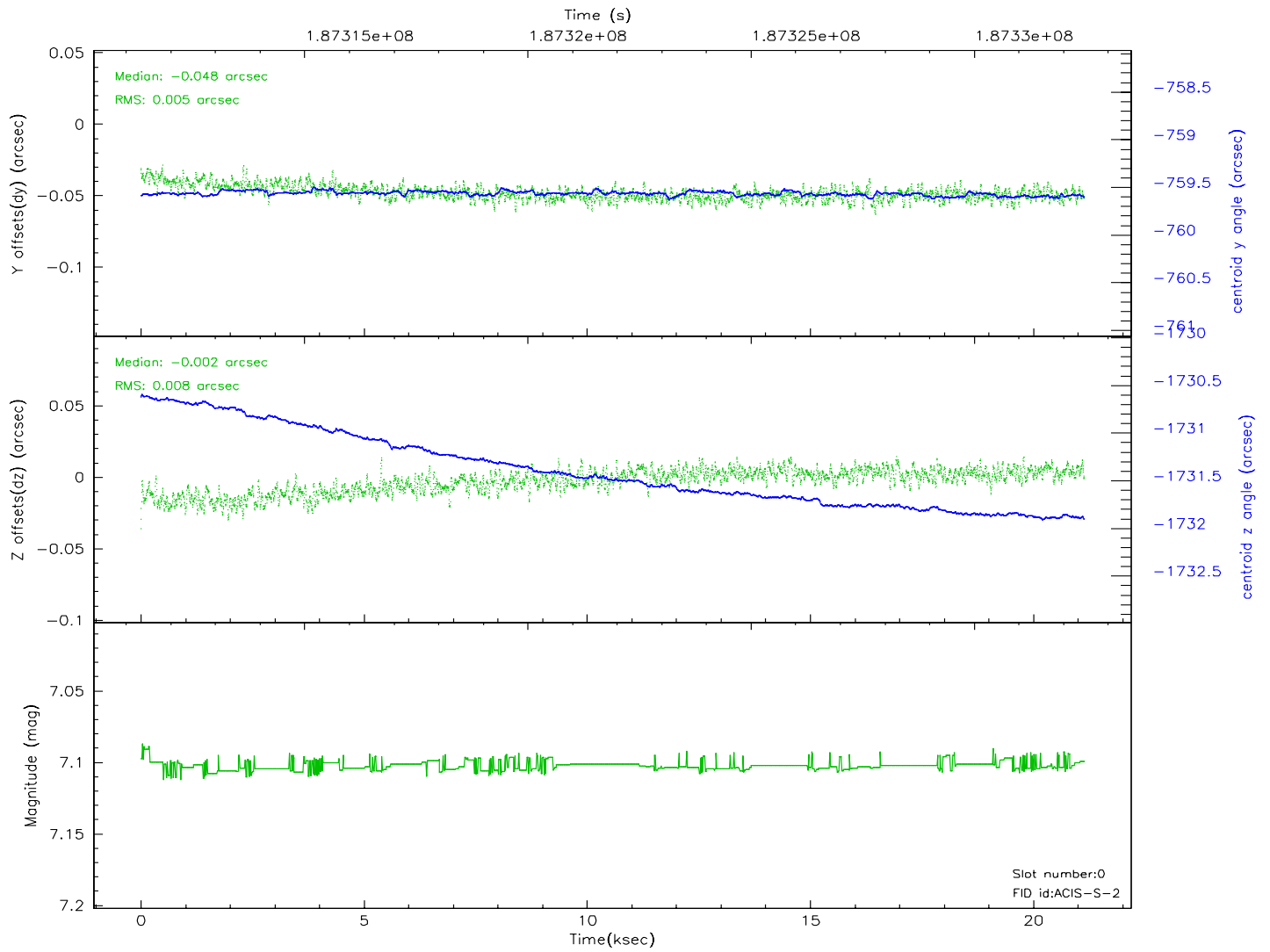
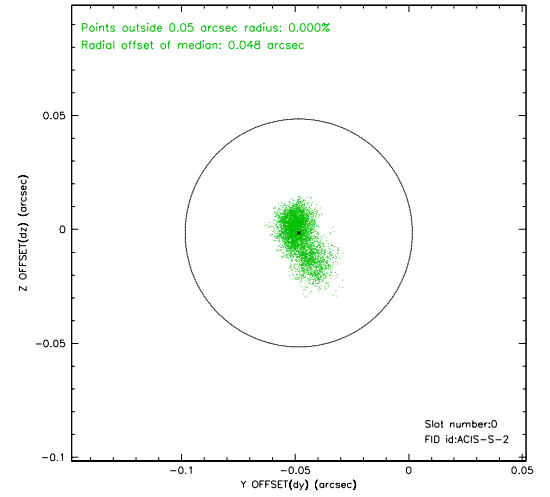
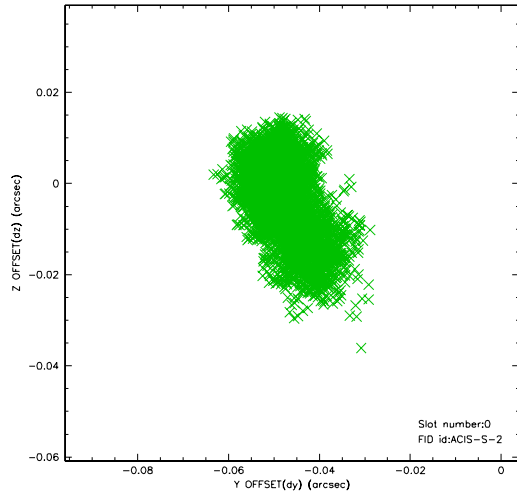


2.4.5 Slot 7

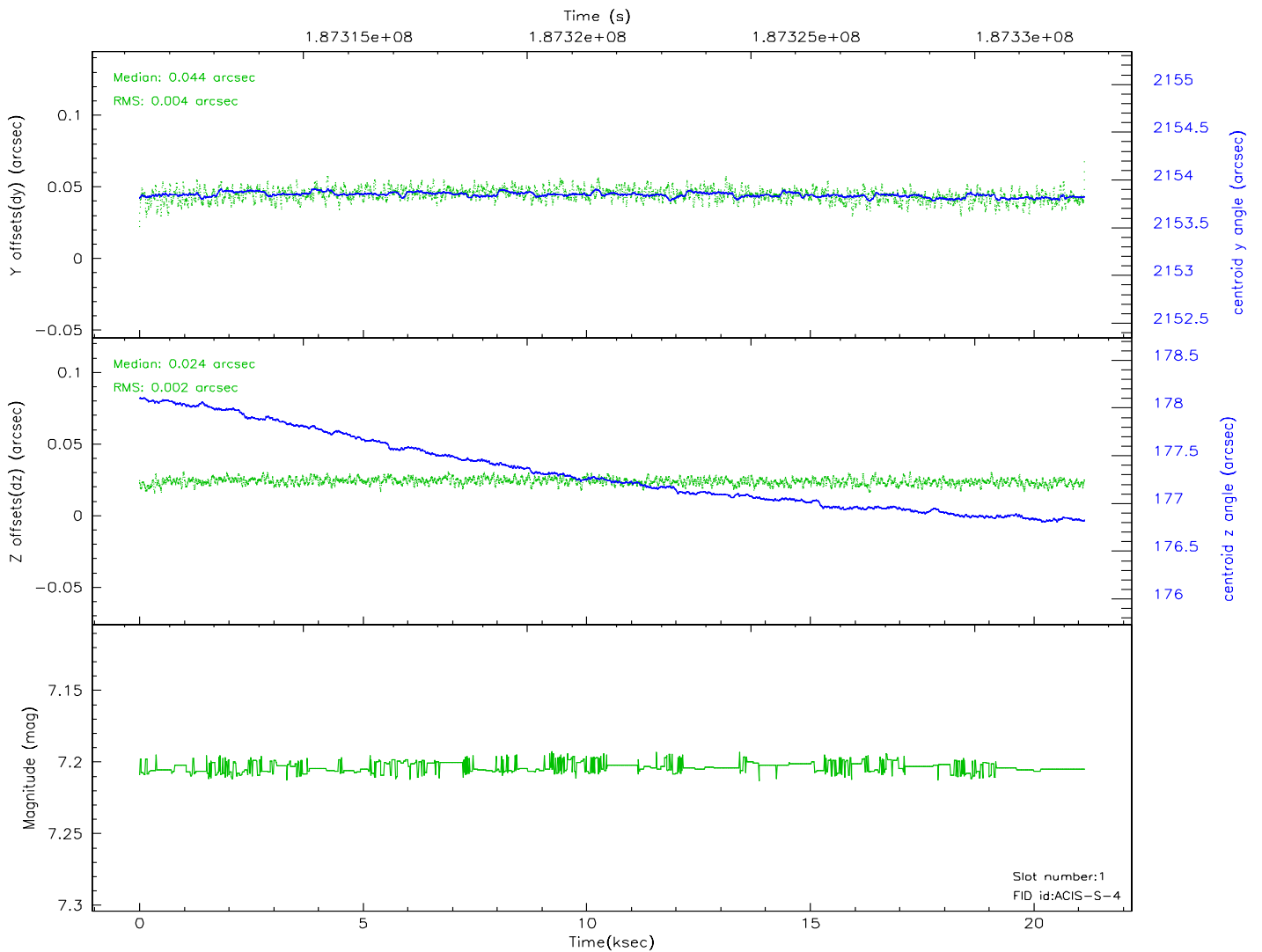
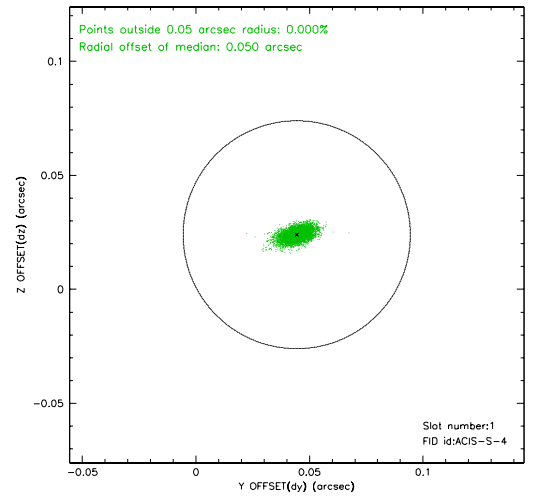
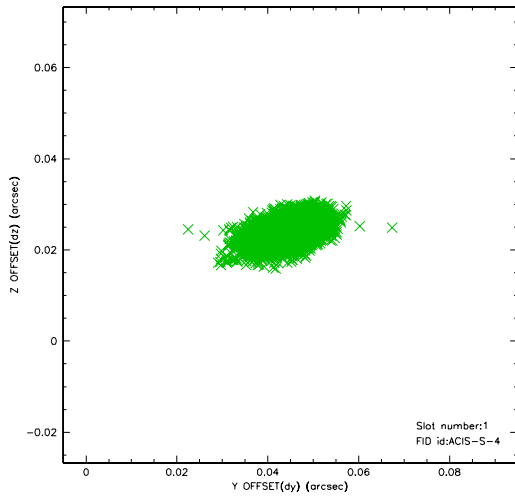


2.5 FID Slots

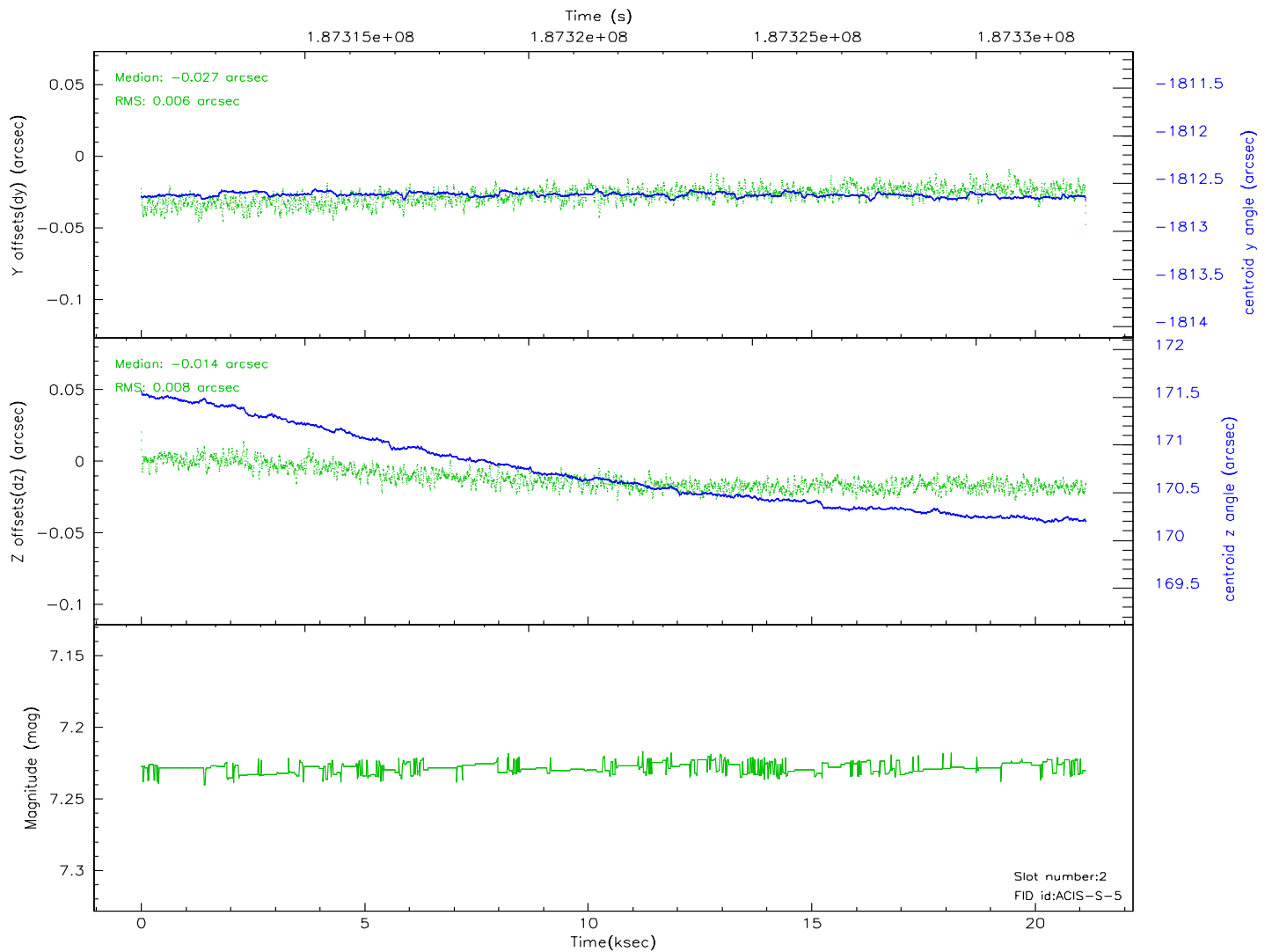
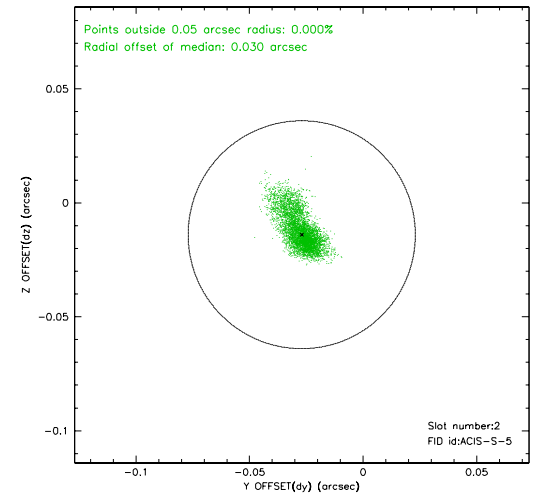
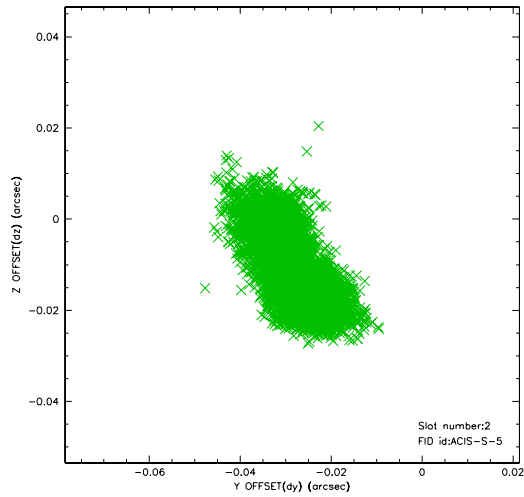
2.5.1 Slot 0



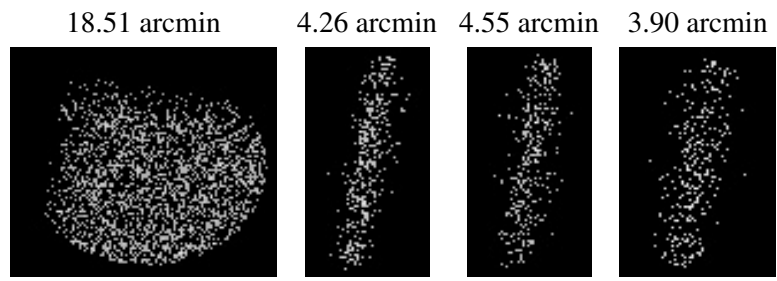
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.126

A.2 Comments

Very bright, piled-up source next to target.