

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1039 - L2 Version 001
Chandra X-Ray Center

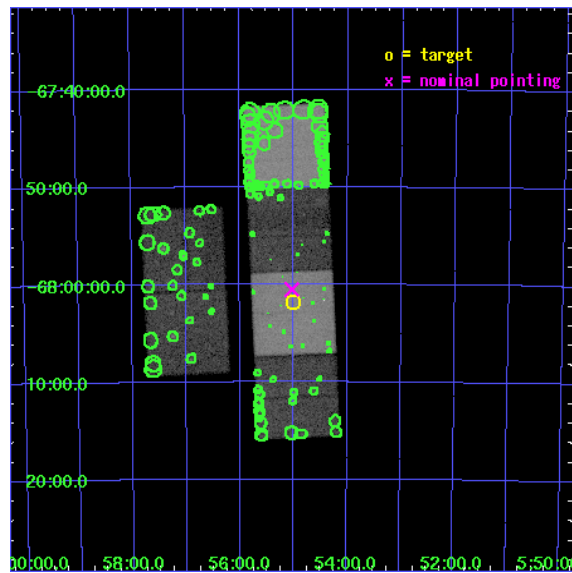
L2 Processing Date : Jun 8 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

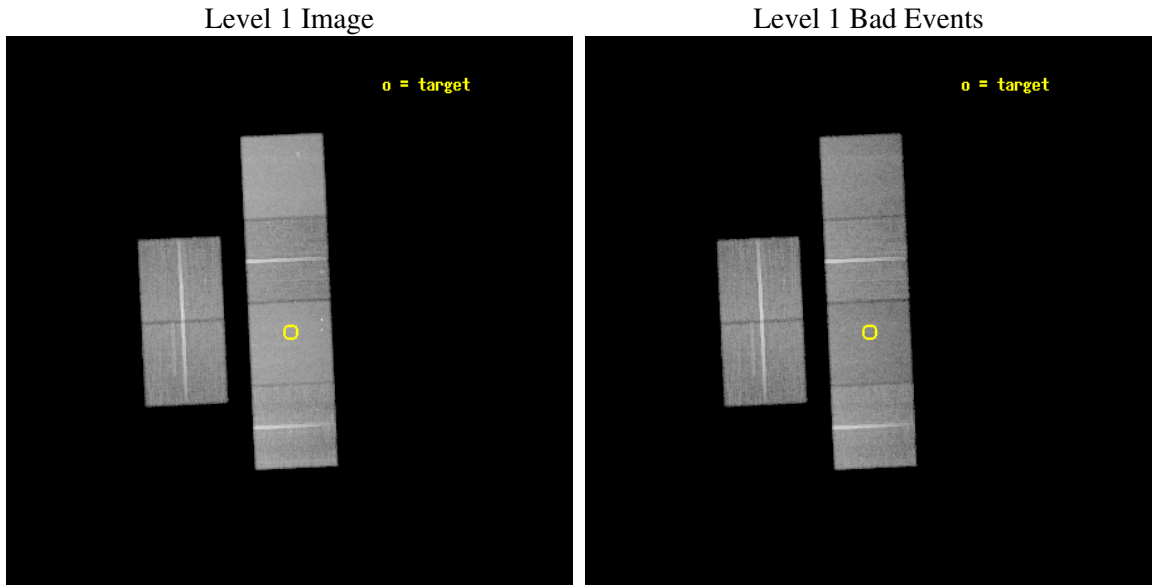
seq_num	500105
obs_id	1039
title	ACIS OBSERVATION OF THE LMC SUPERNOVA REMNANT N23
observer	DR STEPHEN HOLT
object	Mispointing
dtcycle	0
cycle	P
ra_targ	88.75
dec_targ	-68.029167
ra_nom	88.757473219821
dec_nom	-68.008359632933
roll_nom	87.360314179564
revision	2
ontime	40054.400037304
livetime	39547.207106167
ontime2	40054.400037304
ontime3	40054.400037304
ontime5	40054.400037304
ontime6	40054.400037304
ontime7	40054.400037304
ontime8	40054.400037304
l2events	397192



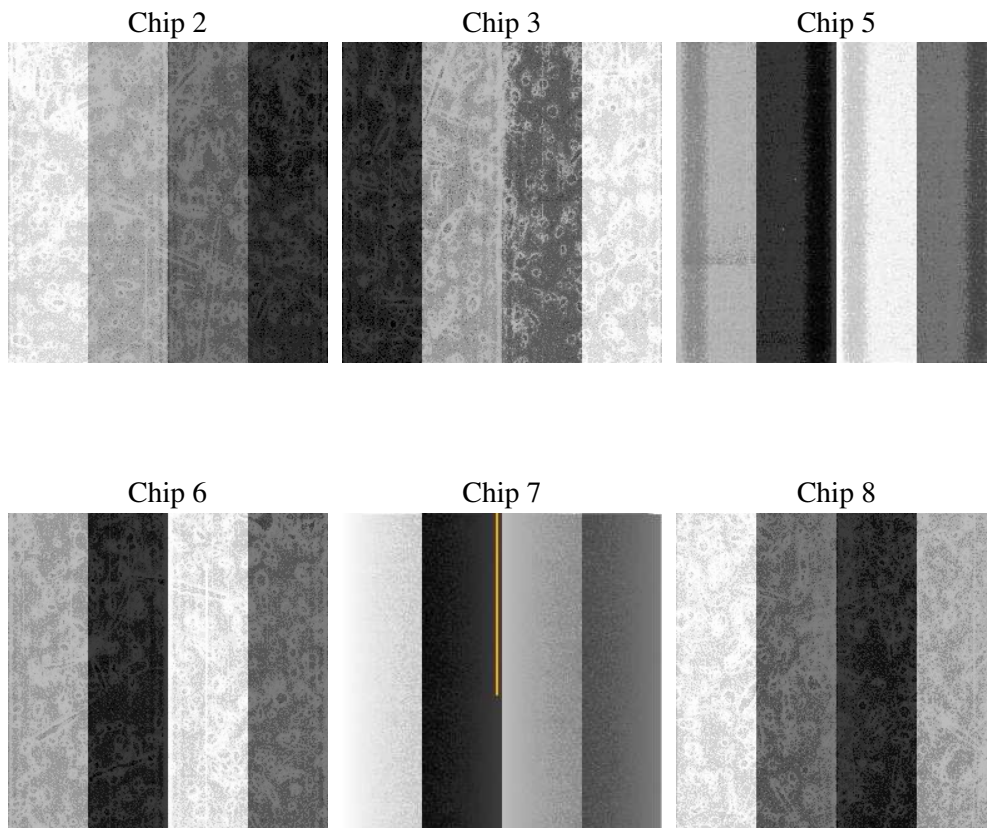
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-08T12:48:45
revision	2

sched_exp_time	40000.000000
ontime	40054.400037304
ontime2	40054.400037304
ontime3	40054.400037304
ontime5	40054.400037304
ontime6	40054.400037304
ontime7	40054.400037304
ontime8	40054.400037304
l1events	1679216

2.1.4 Events

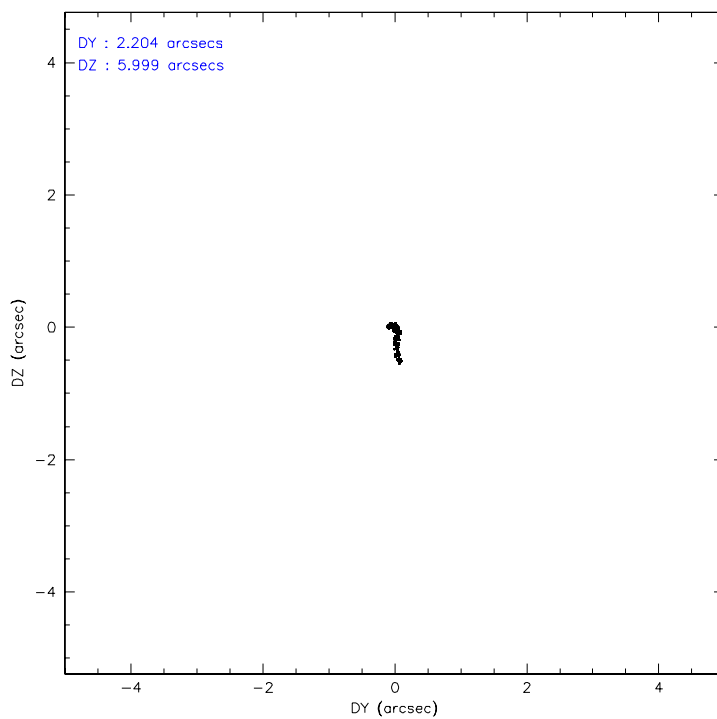
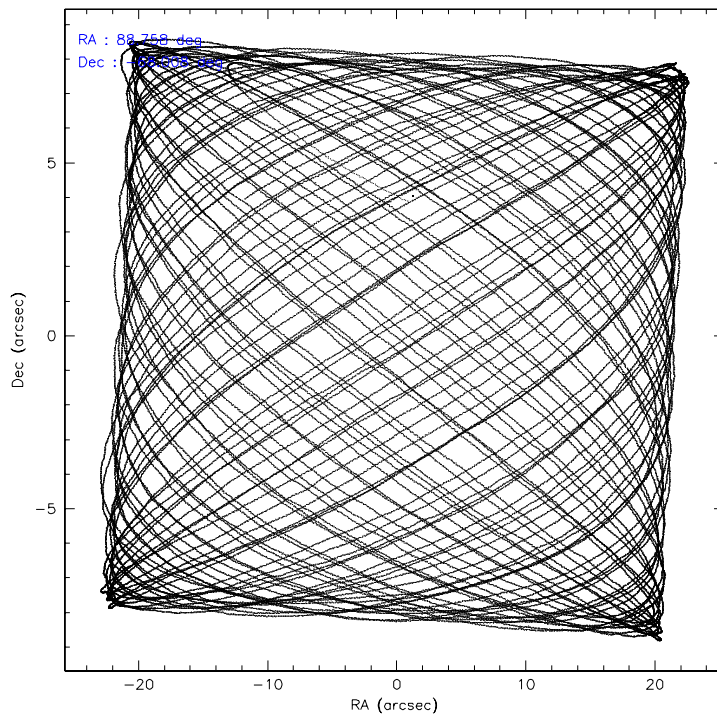
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	244434	235172	336432	244147	316310	302721
rejected events	217847	208550	175536	215537	172595	244591
rejected %	89%	88%	52%	88%	54%	80%

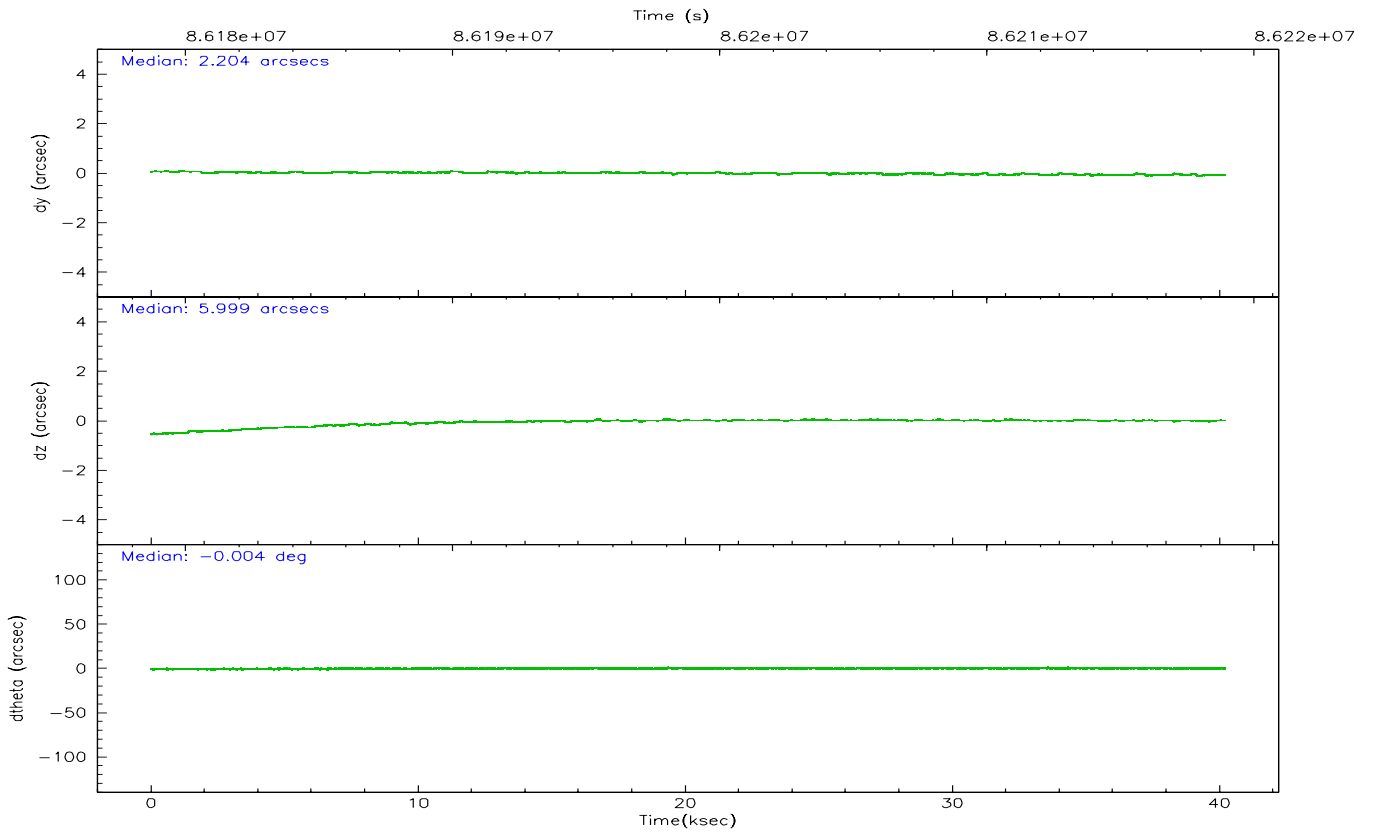
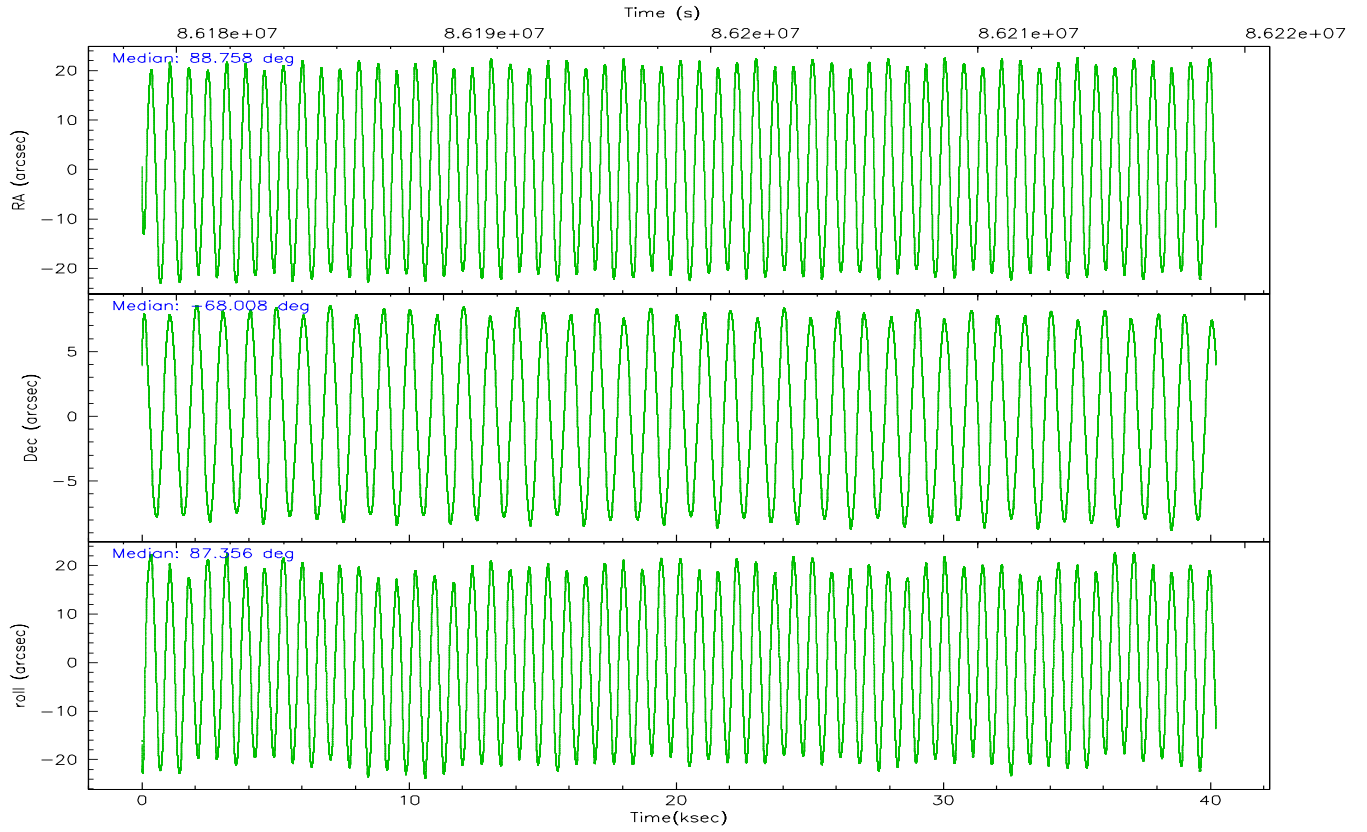
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	11398	11592	15743	12324	16105	19032
	4%	4%	4%	5%	5%	6%
grade 1 events	133	127	392	96	255	191
	0%	0%	0%	0%	0%	0%
grade 2 events	5678	5112	46396	5483	28489	12288
	2%	2%	13%	2%	9%	4%
grade 3 events	2547	2640	8329	2838	13211	6394
	1%	1%	2%	1%	4%	2%
grade 4 events	2475	2612	7991	2651	13403	5835
	1%	1%	2%	1%	4%	1%
grade 5 events	8139	8573	25854	9683	28531	12460
	3%	3%	7%	3%	9%	4%
grade 6 events	4495	4670	82481	5323	72552	14590
	1%	1%	24%	2%	22%	4%
grade 7 events	209569	199846	149246	205749	143764	231931
	85%	84%	44%	84%	45%	76%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	88.791483	88.75747321982092	Subarray requested	NONE	NONE
Pointing Dec	-68.032582	-68.00835963293343	Alternating exposures requested	N	N
Pointing Roll	87.235225	87.36031417956434	Primary exposure time	0.000000	3.2
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	86178884.184000	86177872.715179			
Observation start date	2000-09-24T10:33:40	2000-09-24T10:17:52			
Observation end time	86218884.184000	86219663.504252			
Observation end date	2000-09-24T21:40:20	2000-09-24T21:54:23			
Read mode	TIMED	TIMED			

2.3 Aspect



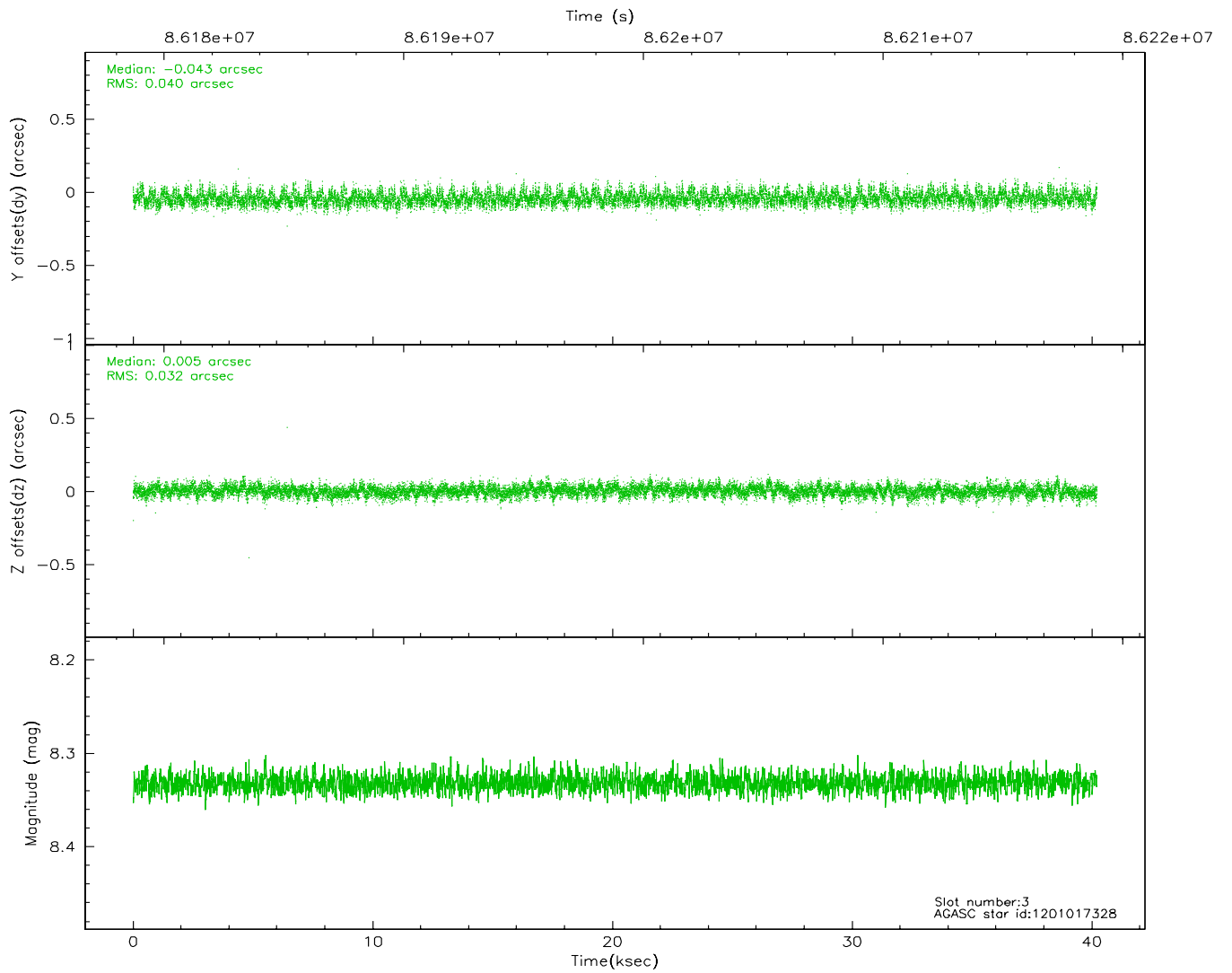
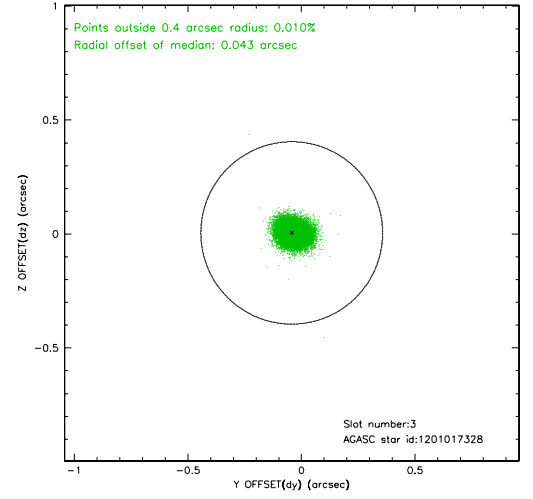
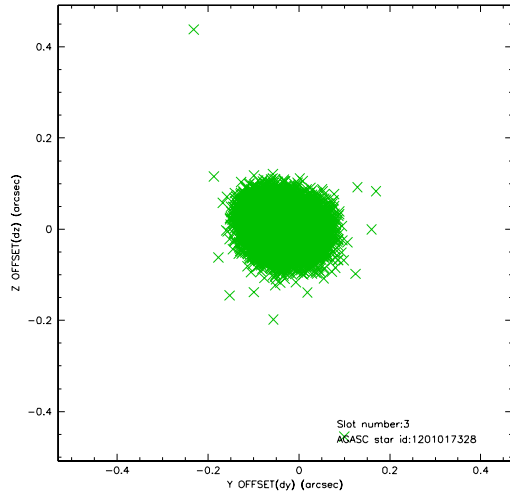


Slot Statistics

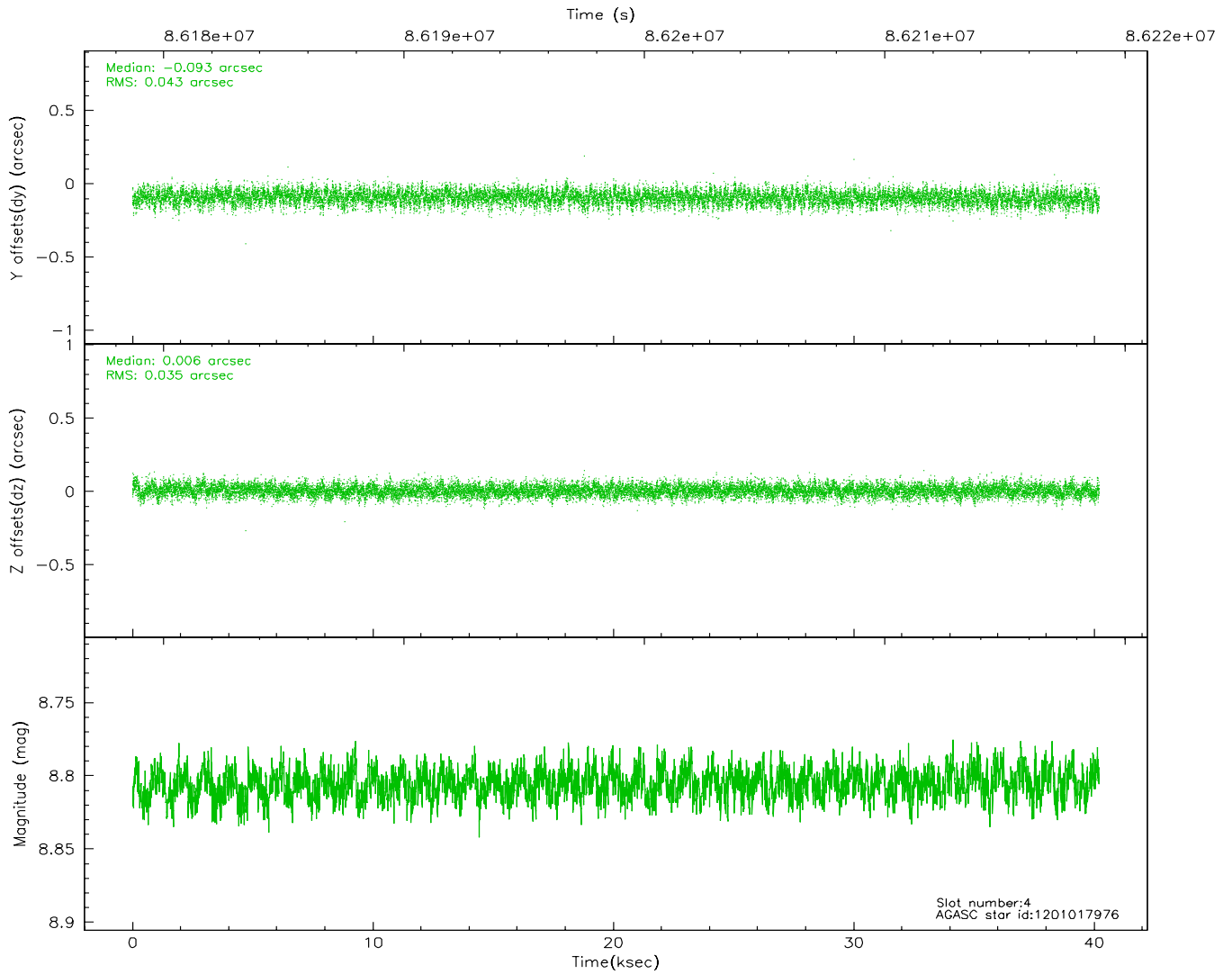
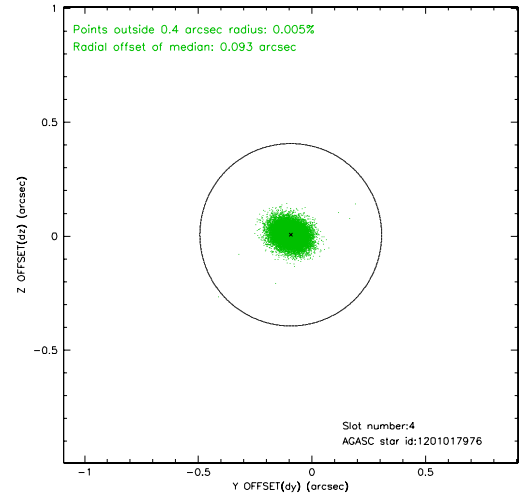
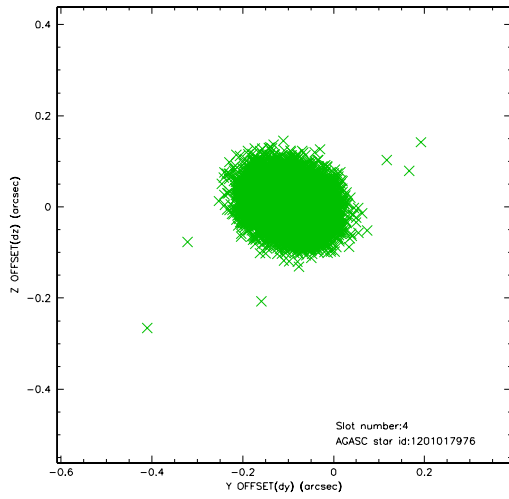
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	9809	-0.082	-0.041	0.009	0.020	0.000000	0.000000	58.30	-1856.17
1	FID	ACIS-S-4	7.21	9808	-0.019	0.062	0.007	0.012	0.000000	0.000000	2158.52	181.45
2	FID	ACIS-S-5	7.24	9808	0.073	-0.012	0.007	0.014	0.000000	0.000000	-1807.57	175.07
3	GUIDE	1201017328	8.33	19613	-0.043	0.005	0.054	0.089	87.666995	-68.431296	-1519.69	1416.90
4	GUIDE	1201017976	8.81	19612	-0.093	0.006	0.059	0.096	88.118191	-67.571861	1606.31	1004.18
5	GUIDE	1201013296	9.47	19610	0.025	0.021	0.080	0.131	89.907922	-67.843737	738.25	-1481.15
6	GUIDE	1201016984	9.35	19616	0.098	-0.090	0.076	0.127	88.759065	-67.714570	1141.01	99.88
7	GUIDE	1201017992	10.05	19604	0.008	0.057	0.114	0.187	88.249208	-68.442620	-1512.65	645.57

2.4 Star Slots

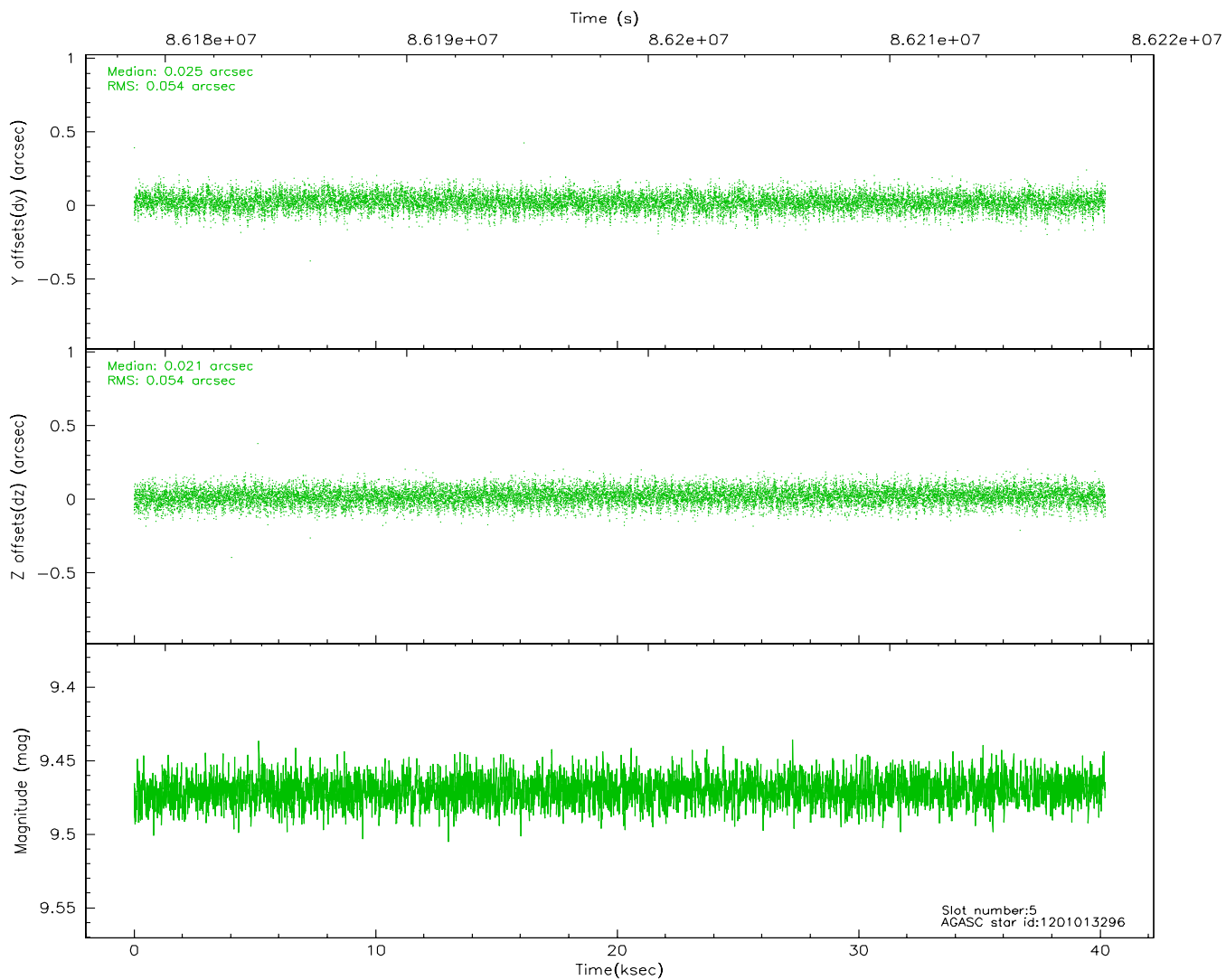
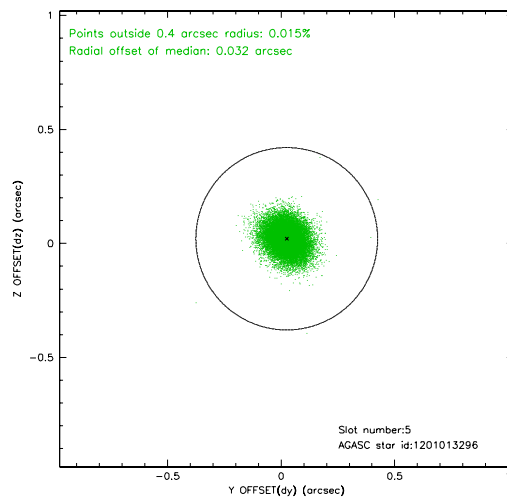
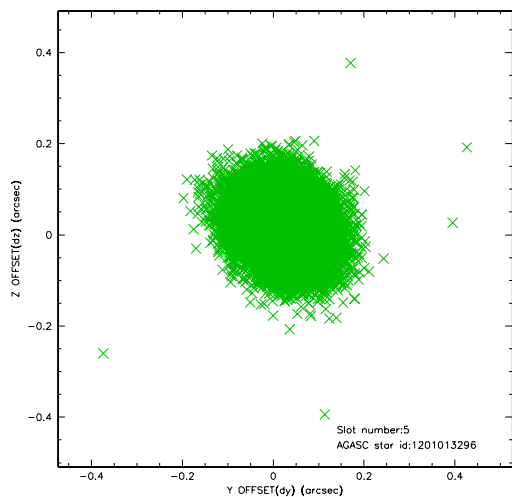
2.4.1 Slot 3



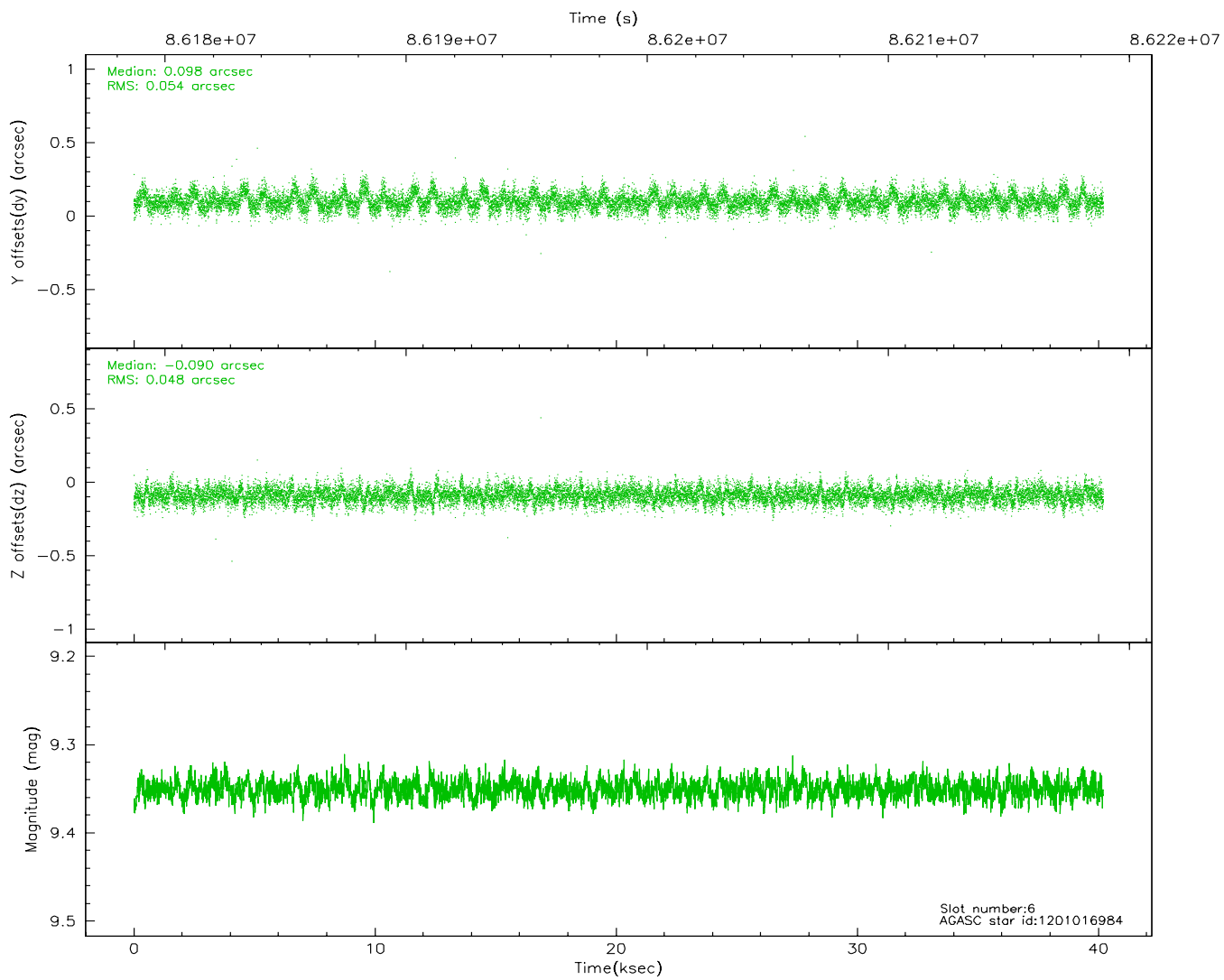
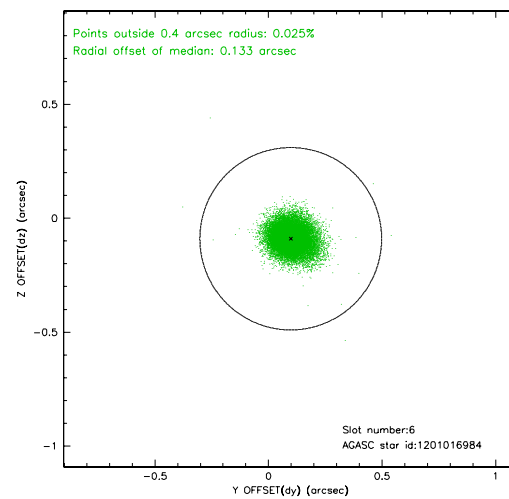
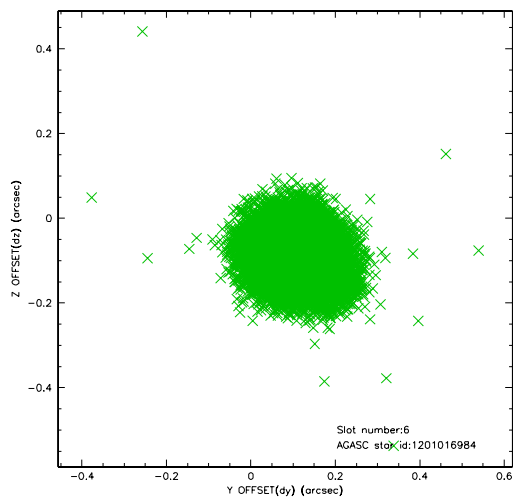
2.4.2 Slot 4



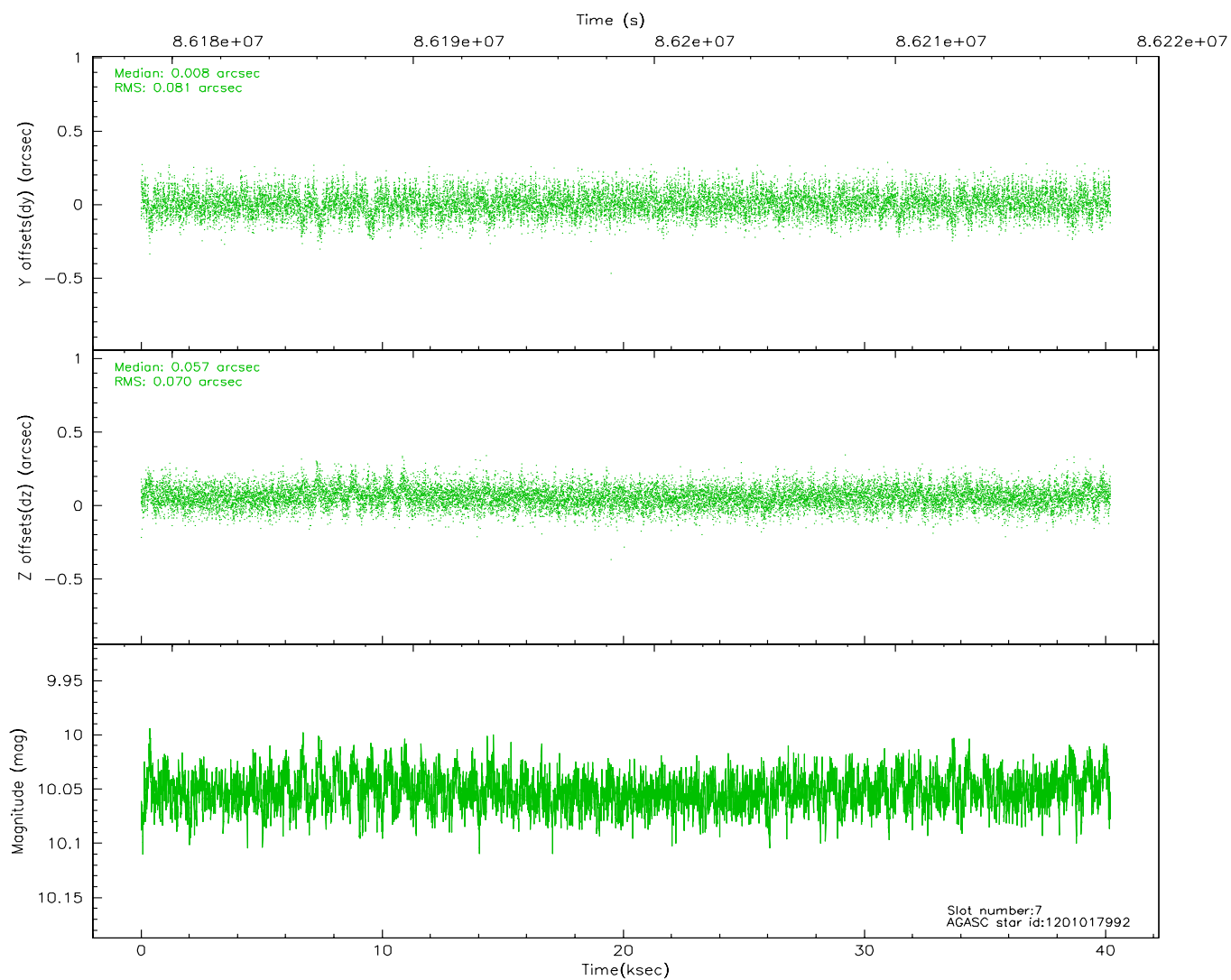
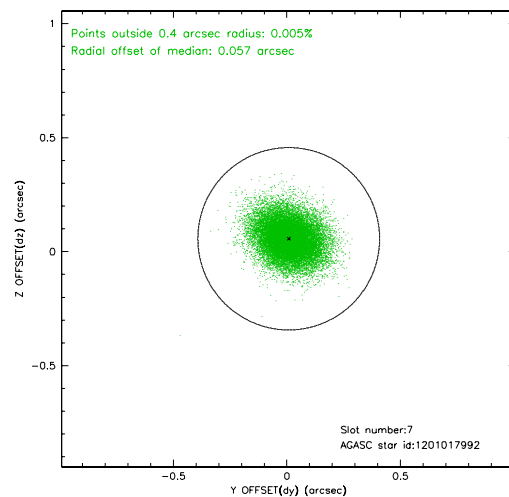
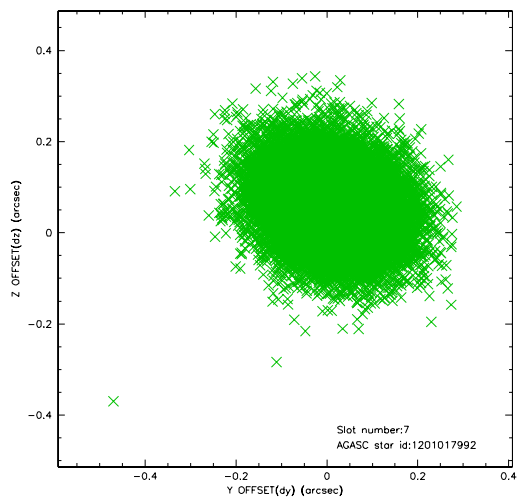
2.4.3 Slot 5



2.4.4 Slot 6

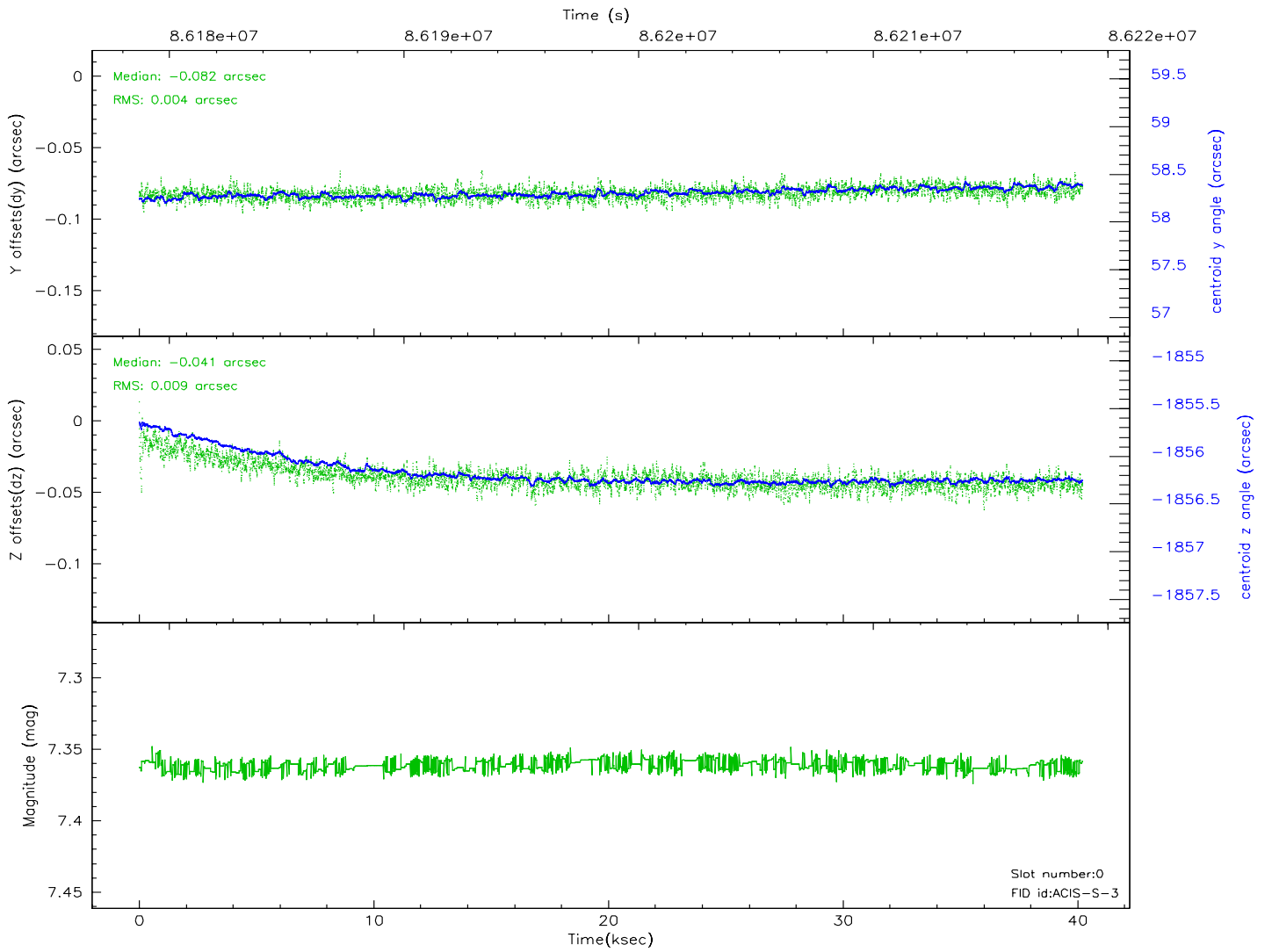
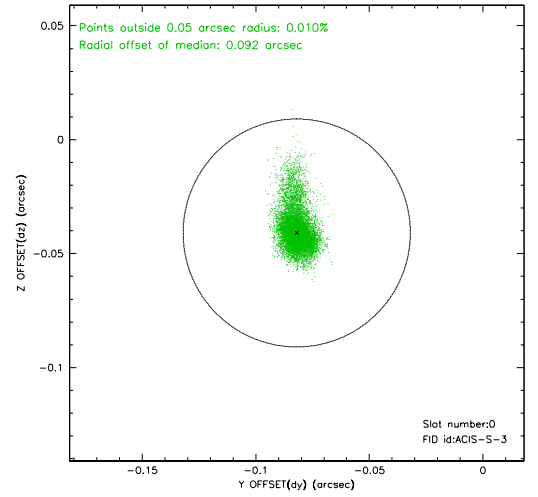
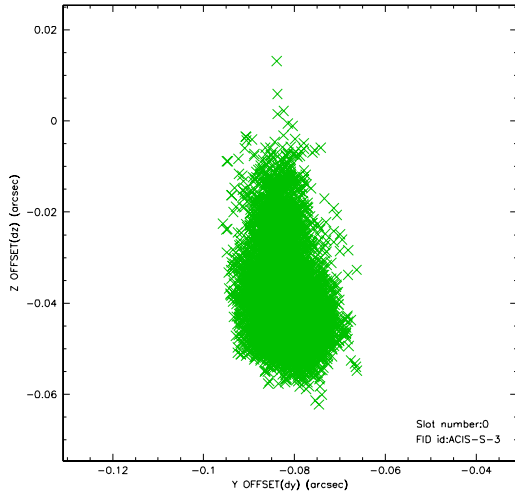


2.4.5 Slot 7

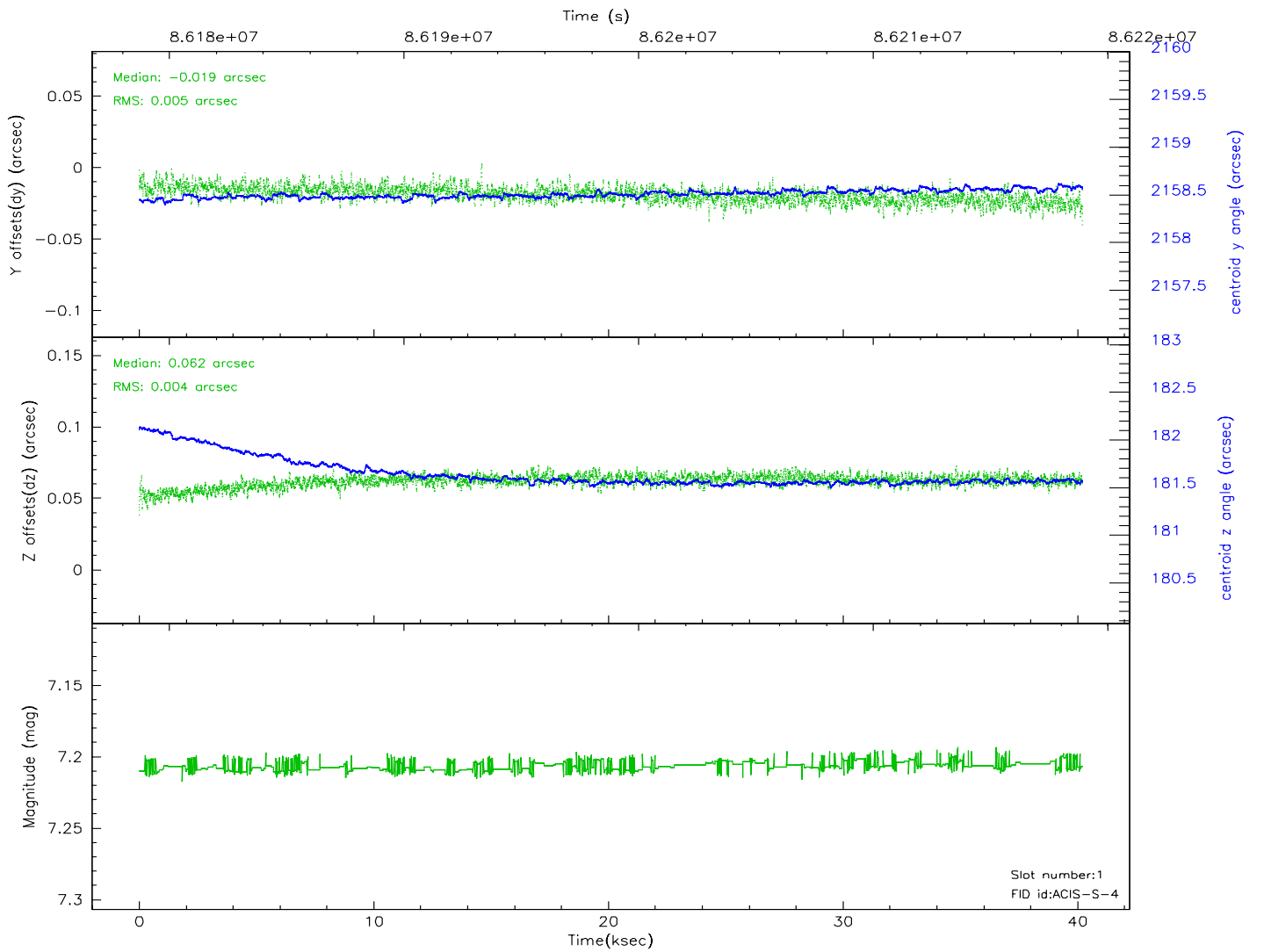
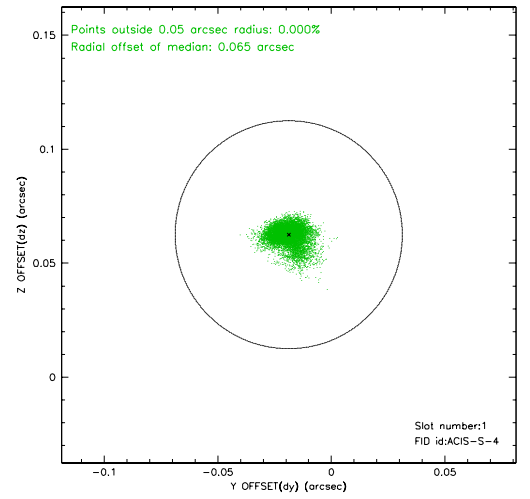
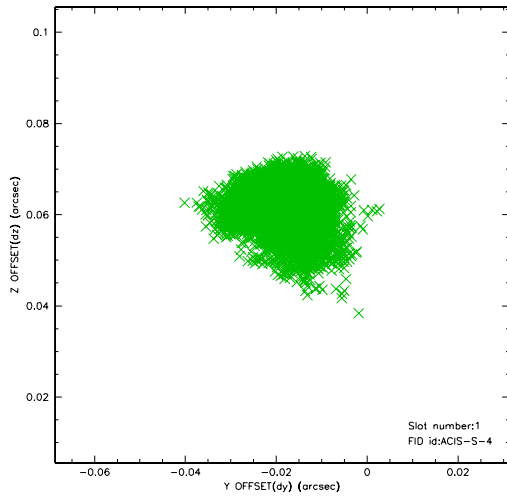


2.5 FID Slots

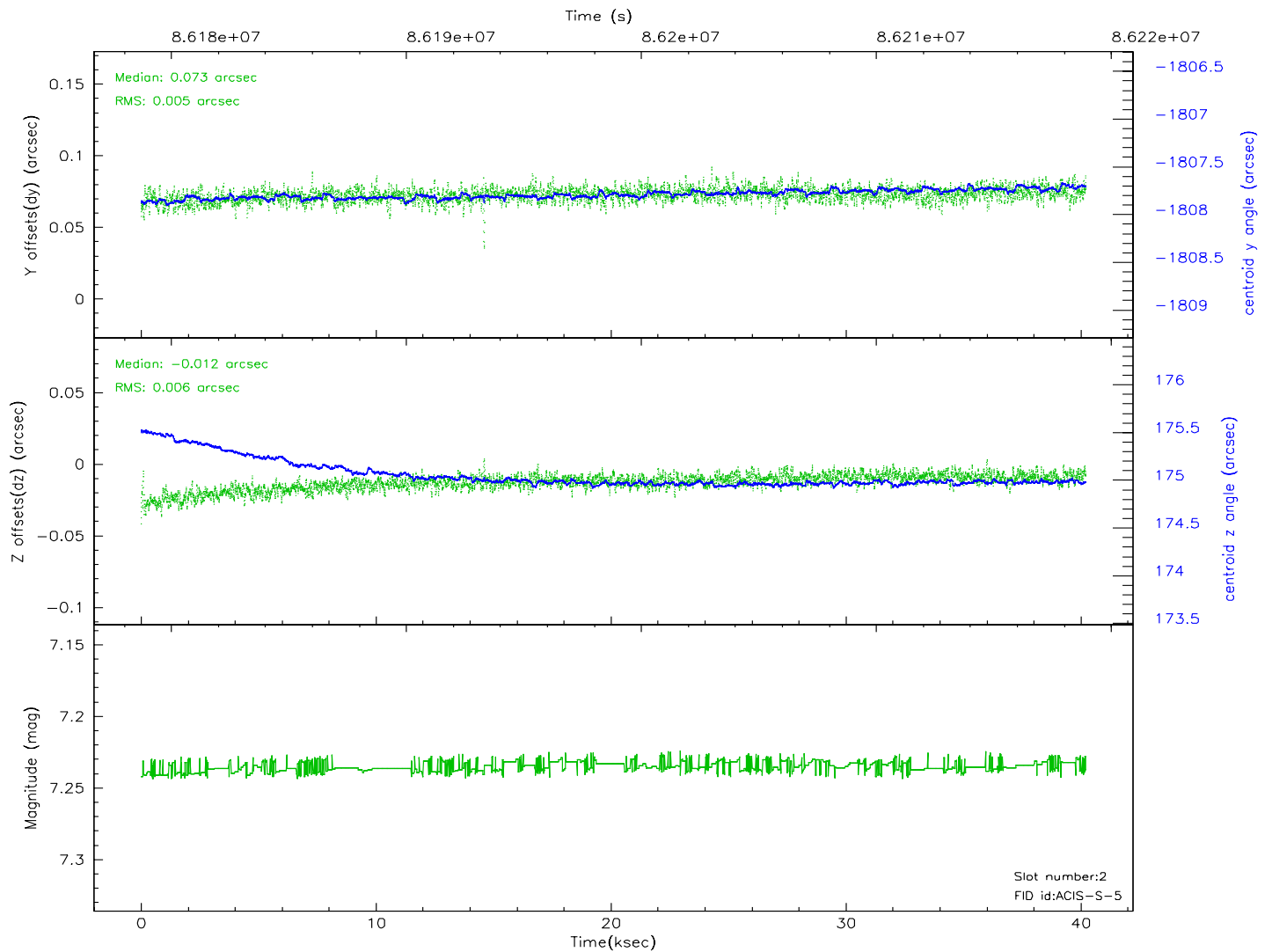
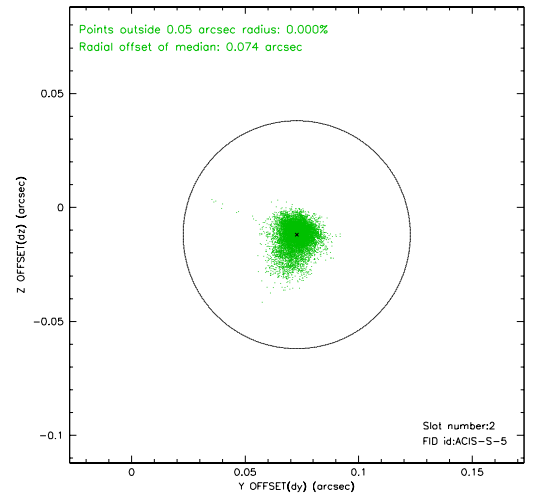
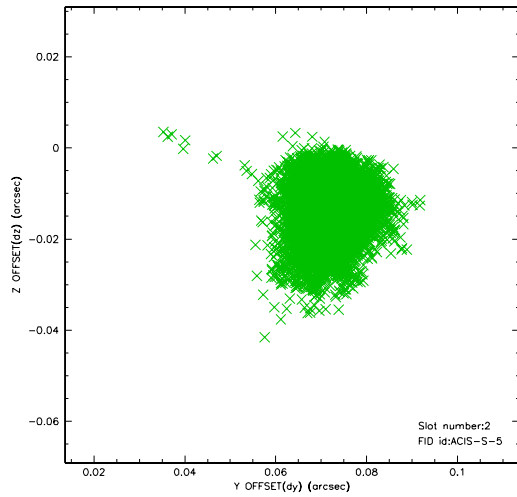
2.5.1 Slot 0



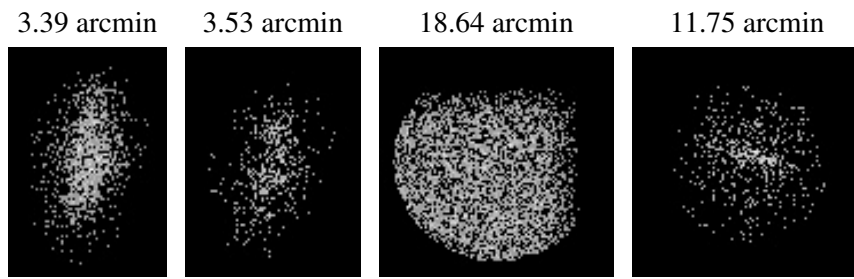
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.057

A.2 Comments

From the previous V&V report:

WRONG COORDINATES FOR OBJECT: requested target coordinates: 5 55 00.0
-68 01 45 actual target coordinates (SIMBAD): 5 05 56 -68 01.8 It
appears that a misplaced '5' is the cause of the problem

CDO This was the GTO observers fault. Release data. Do not repeat
observation.