

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2696 - L2 Version 001
Chandra X-Ray Center

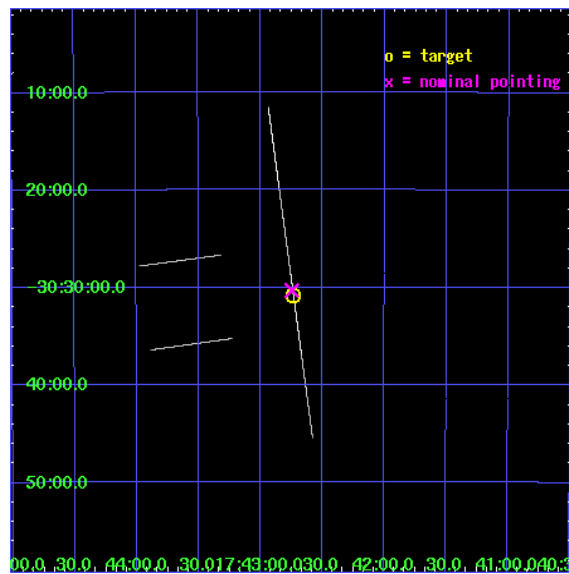
L2 Processing Date : Sep 14 2006

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1 Front

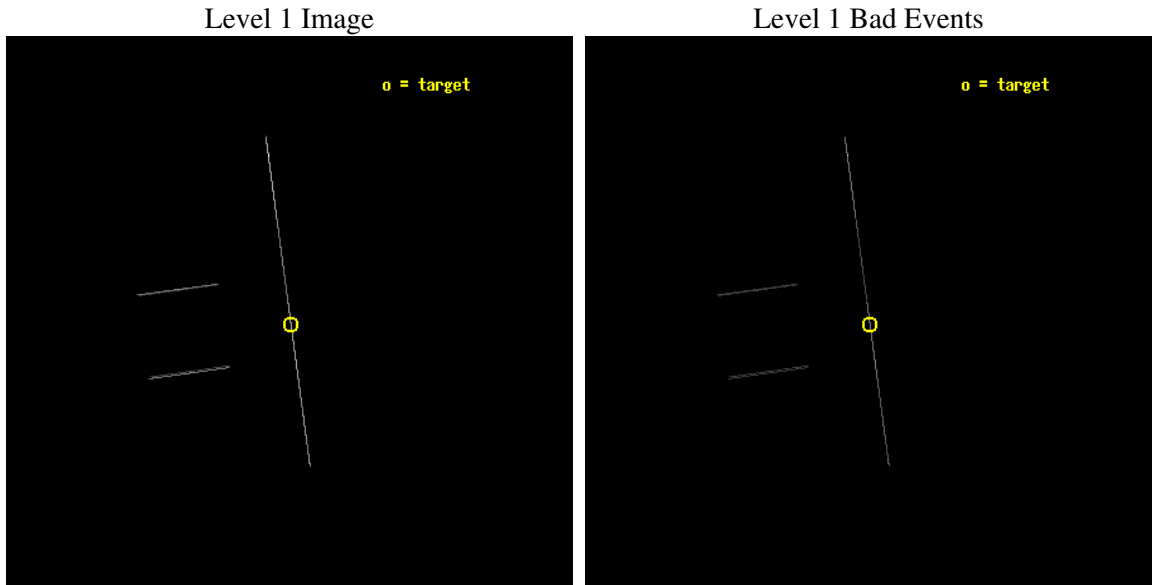
seq_num	400176
obs_id	2696
title	THE FAINTEST 'FIELD' LOW-MASS X-RAY BINARIES
observer	PROF MICHIEL VAN DER KLIS
object	1739-304
ra_targ	265.683333
dec_targ	-30.514306
ra_nom	265.68661019501
dec_nom	-30.505251380646
roll_nom	82.22124236846
revision	2
ontime	3384.0
livetime	3370.78125
ontime2	3384.0
ontime3	3384.0
ontime5	3384.0
ontime6	3384.0
ontime7	3384.0
ontime8	3384.0
l2events	38476



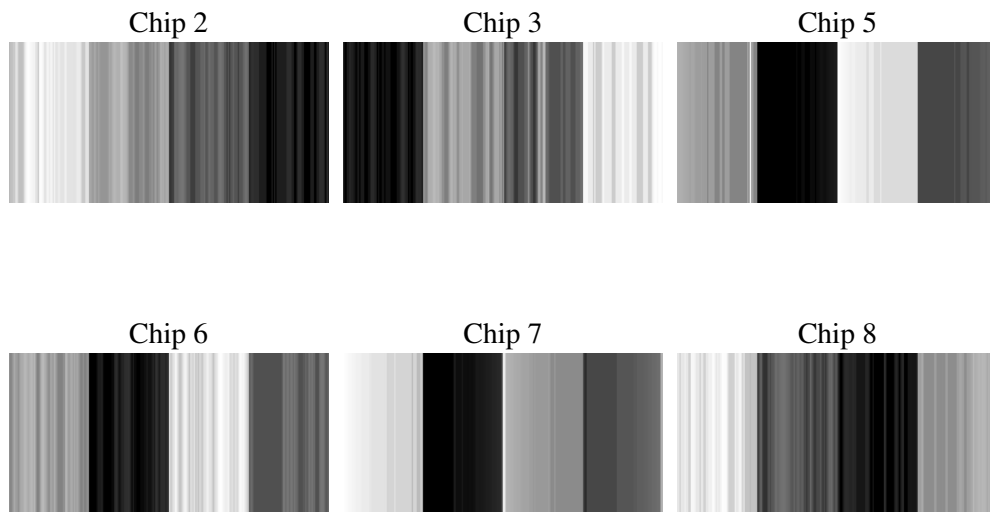
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-14T17:44:07
revision	2

sched_exp_time	3000.000000
ontime	4062.4098670185
ontime2	3928.1358944178
ontime3	3933.9402940571
ontime5	4063.869628191
ontime6	3932.5442649722
ontime7	4062.4098670185
ontime8	3931.0845804513
l1events	67983

2.1.4 Events

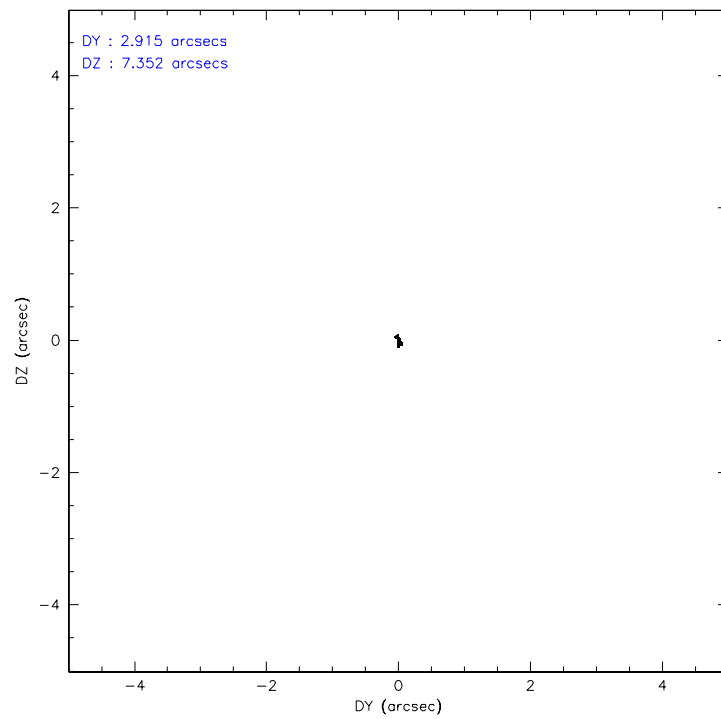
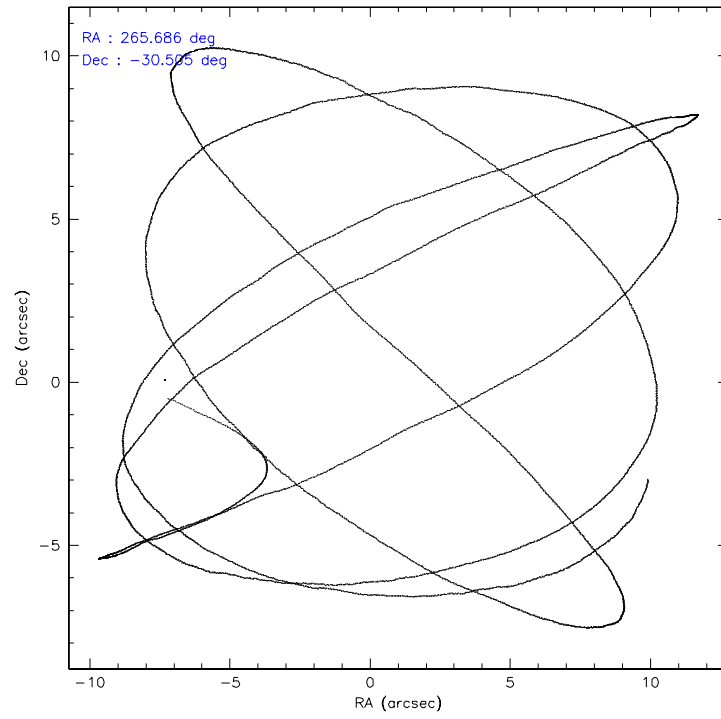
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5169	5302	24320	5853	16279	11060
rejected events	1460	1449	5455	1574	4724	2564
rejected %	28%	27%	22%	26%	29%	23%

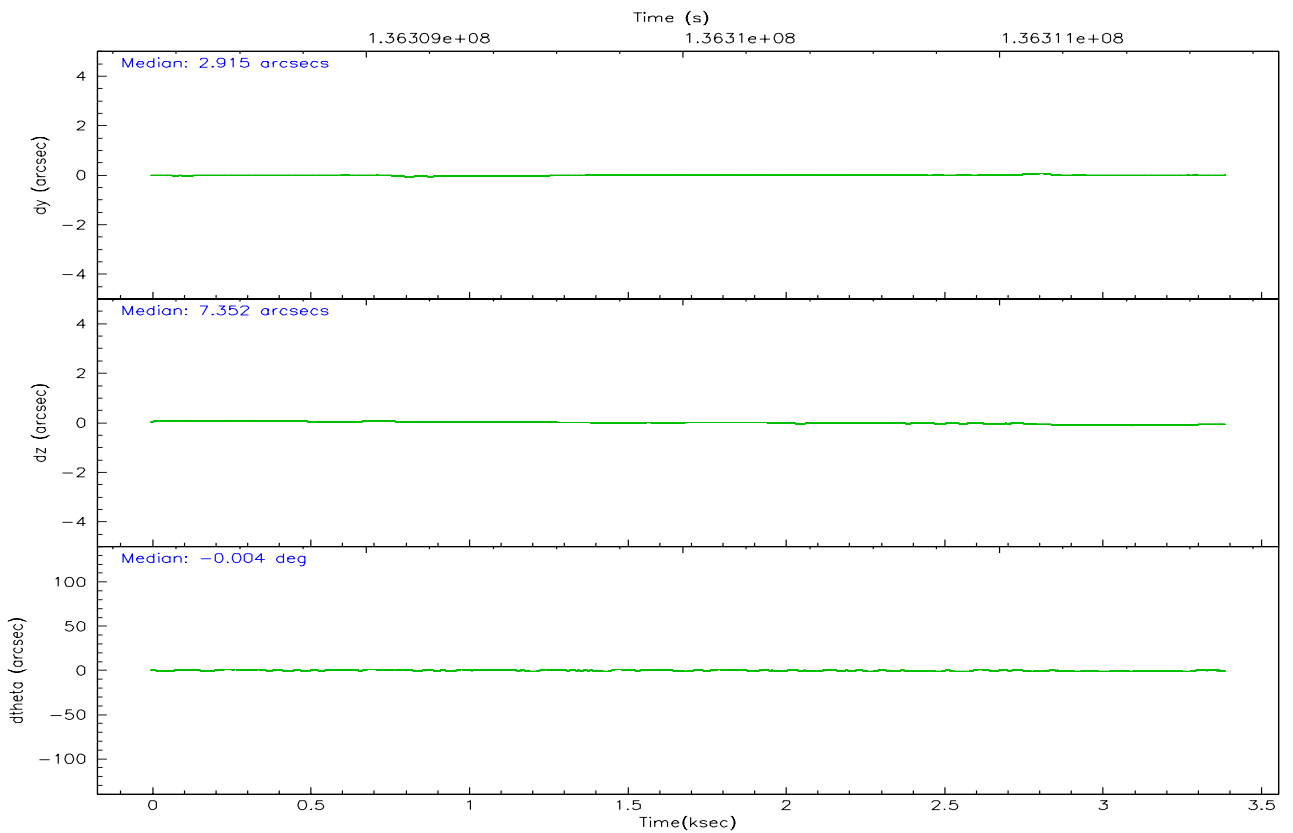
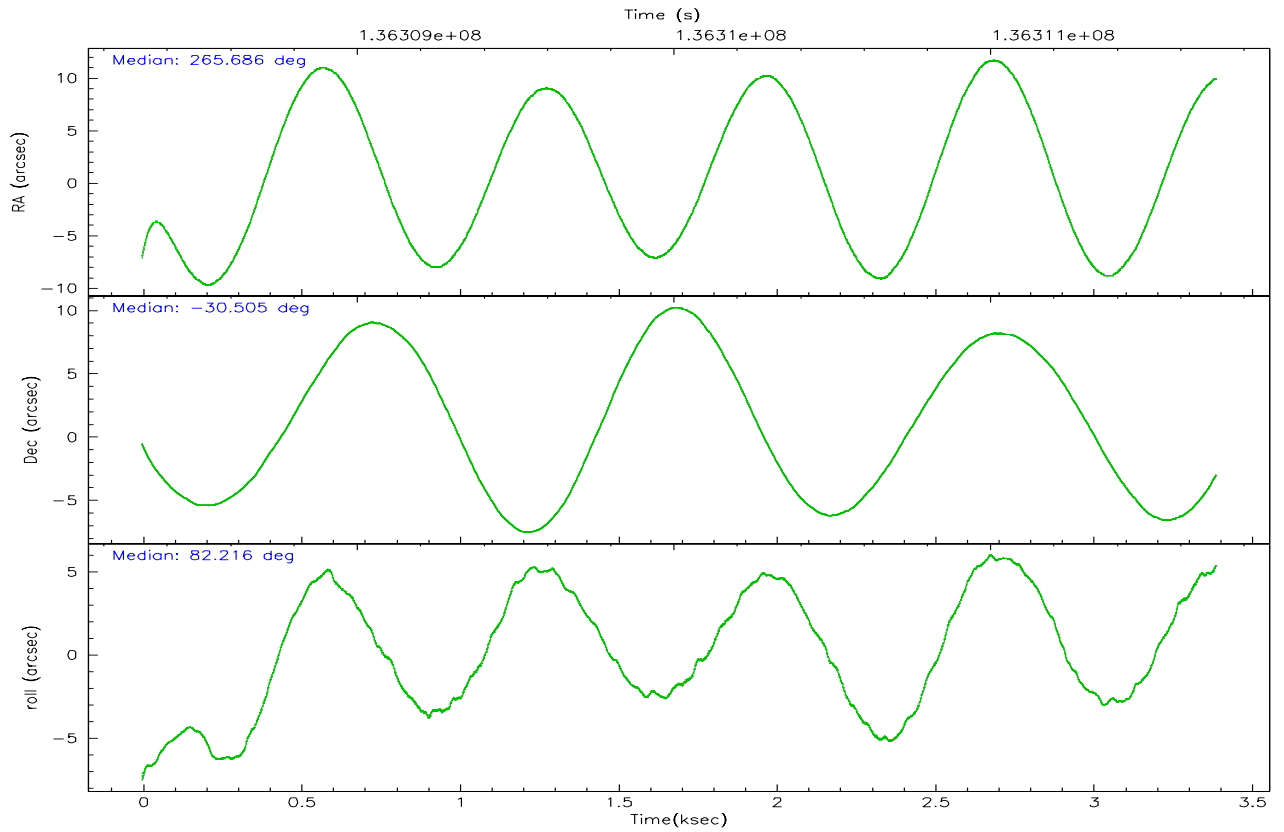
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	593	547	5477	569	814	2107
	11%	10%	22%	9%	5%	19%
grade 1 events	15	9	23	20	34	28
	0%	0%	0%	0%	0%	0%
grade 2 events	1607	1752	5924	2078	3700	2856
	31%	33%	24%	35%	22%	25%
grade 3 events	559	652	378	587	558	1209
	10%	12%	1%	10%	3%	10%
grade 4 events	563	581	351	547	582	1227
	10%	10%	1%	9%	3%	11%
grade 5 events	886	835	1919	955	2364	1349
	17%	15%	7%	16%	14%	12%
grade 6 events	946	926	10248	1097	8227	2284
	18%	17%	42%	18%	50%	20%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	265.699124	265.6866101950079	Subarray requested	NONE	NONE
Pointing Dec	-30.530170	-30.50525138064558	Alternating exposures requested	N	N
Pointing Roll	82.070958	82.22124236845966	Primary exposure time	0.000000	0
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	136308705.184000	136307626.55679			
Observation start date	2002-04-27T15:30:41	2002-04-27T15:13:46			
Observation end time	136311705.184000	136312001.76947			
Observation end date	2002-04-27T16:20:41	2002-04-27T16:26:41			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



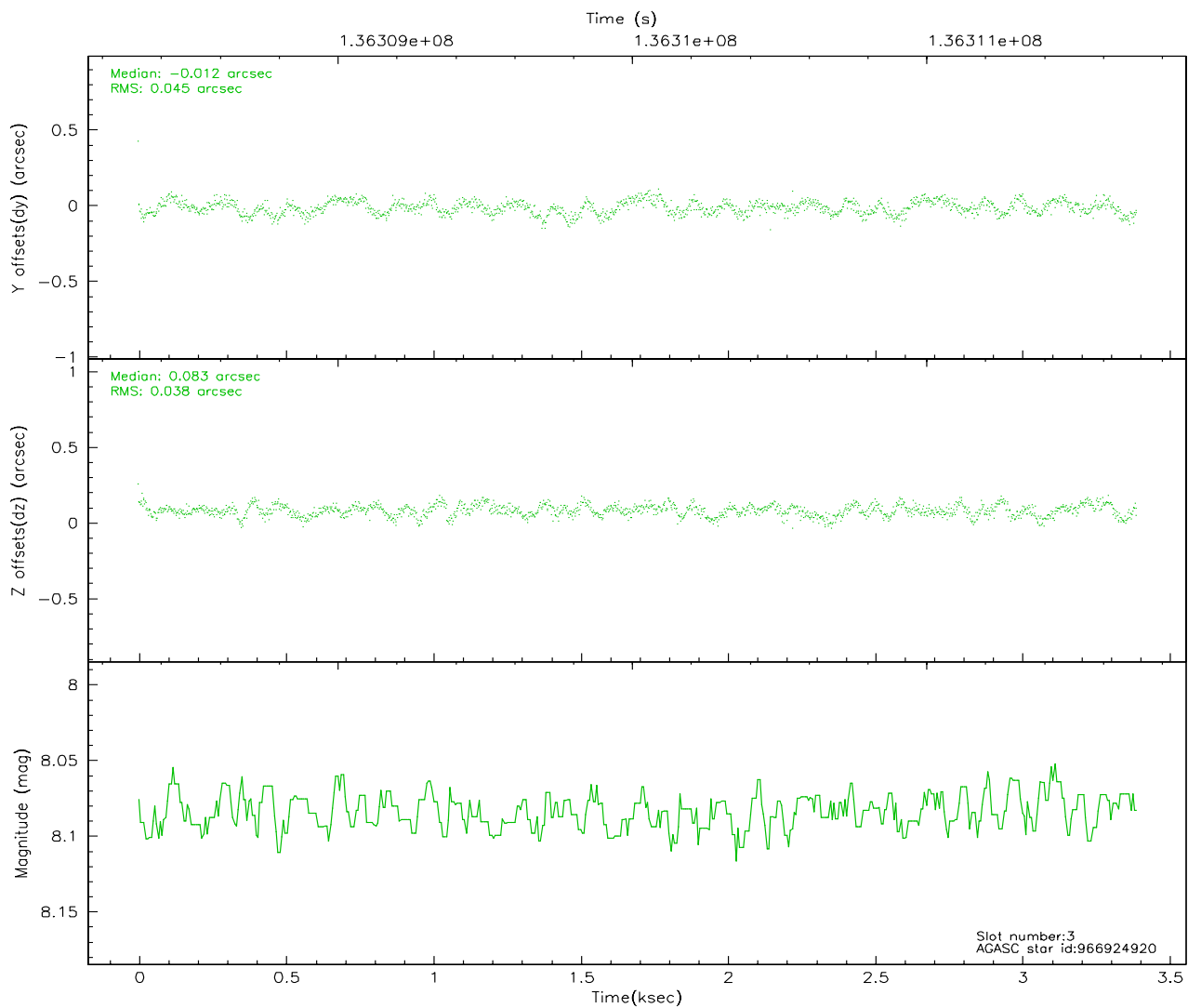
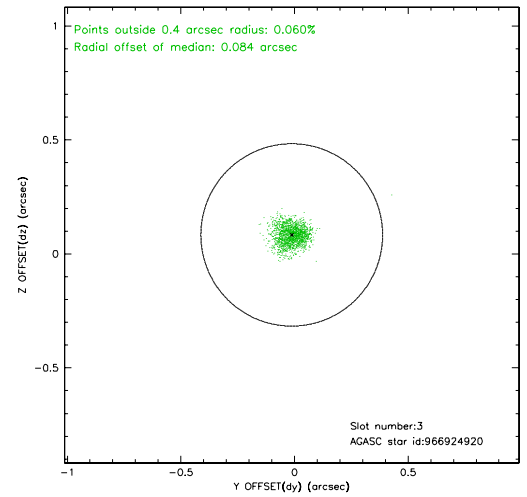
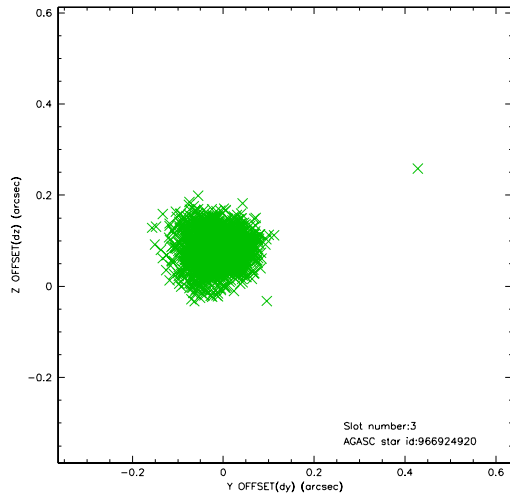


Slot Statistics

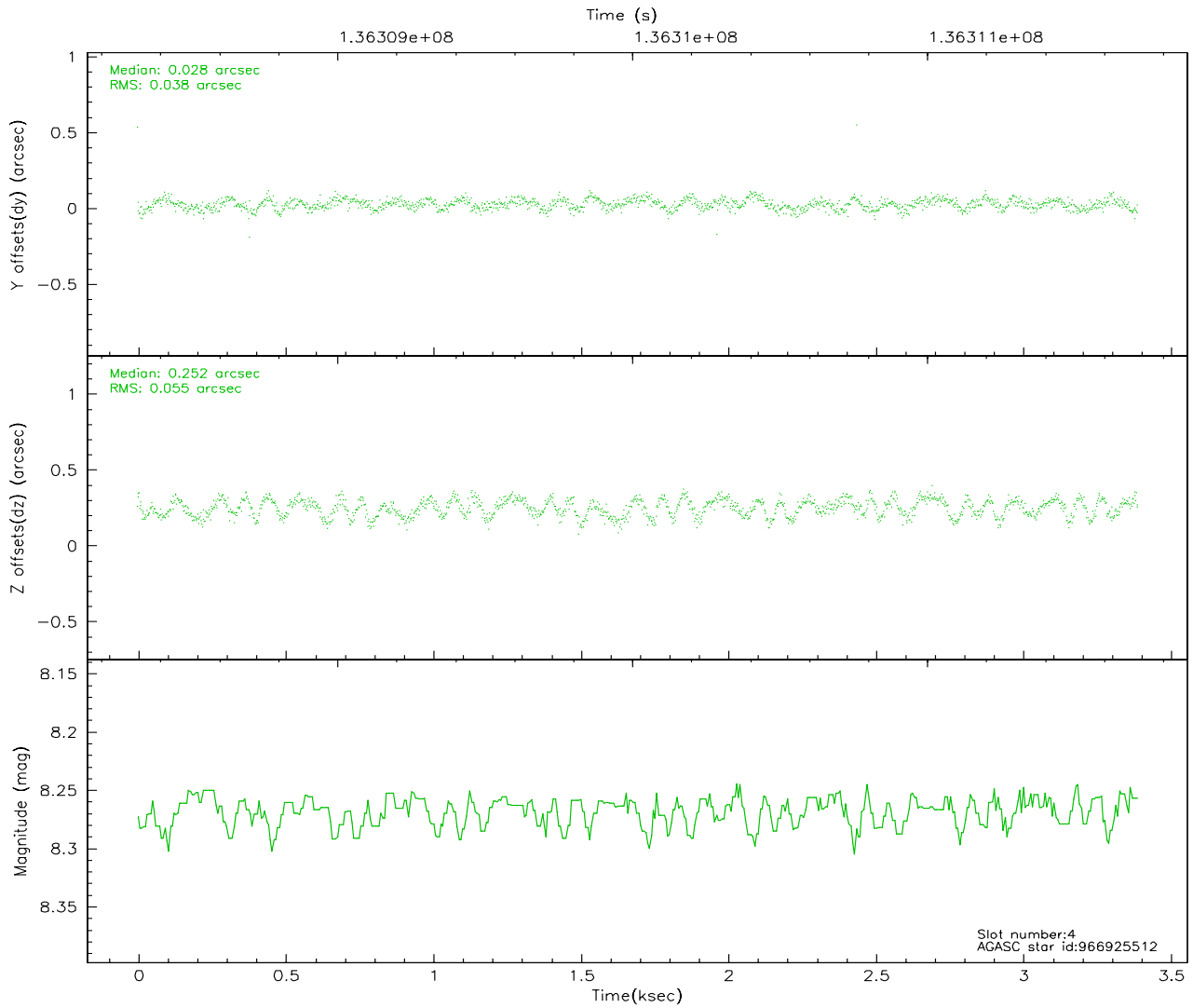
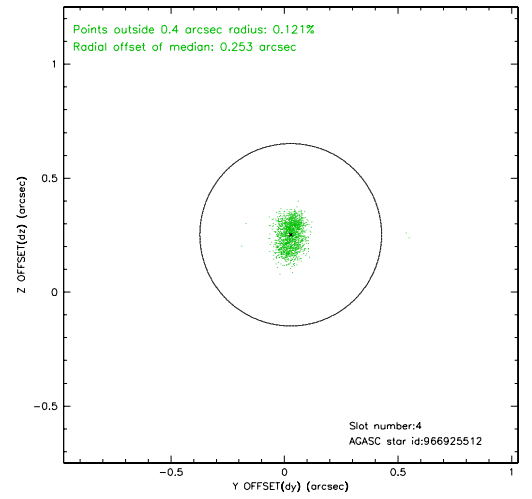
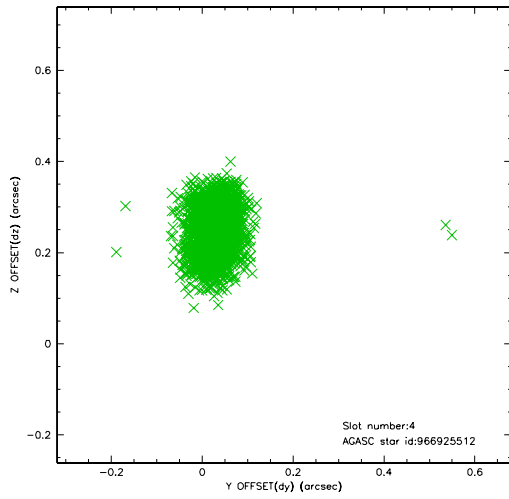
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	827	0.004	0.025	0.007	0.011	0.000000	0.000000	-755.55	-1728.50
1	FID	ACIS-S-4	7.20	827	-0.079	-0.009	0.005	0.009	0.000000	0.000000	2156.80	178.01
2	FID	ACIS-S-5	7.24	827	0.044	-0.008	0.007	0.010	0.000000	0.000000	-1805.94	173.82
3	GUIDE	966924920	8.08	1655	-0.012	0.083	0.062	0.097	265.875401	-30.176961	1335.34	-368.72
4	GUIDE	966925512	8.27	1655	0.028	0.252	0.071	0.108	266.373606	-31.056700	-1595.04	-2323.60
5	GUIDE	966923376	8.73	1655	0.060	0.213	0.071	0.124	266.333558	-31.111316	-1807.97	-2228.45
6	GUIDE	966787648	8.88	1655	-0.173	-0.144	0.067	0.110	265.297931	-30.077843	1437.51	1459.95
7	GUIDE	966793072	9.12	1654	0.098	-0.389	0.086	0.134	264.914127	-30.893007	-1635.26	2220.01

2.4 Star Slots

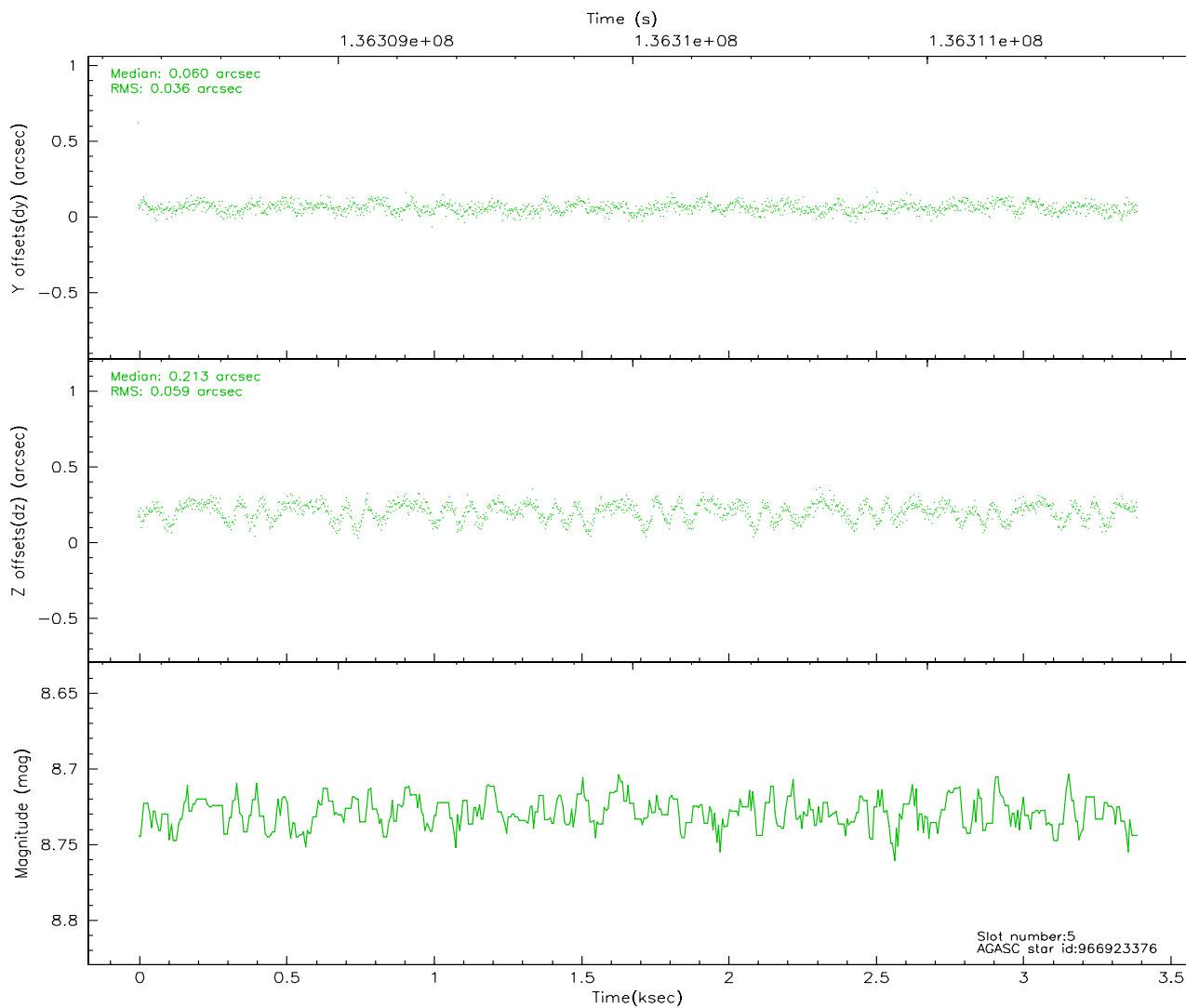
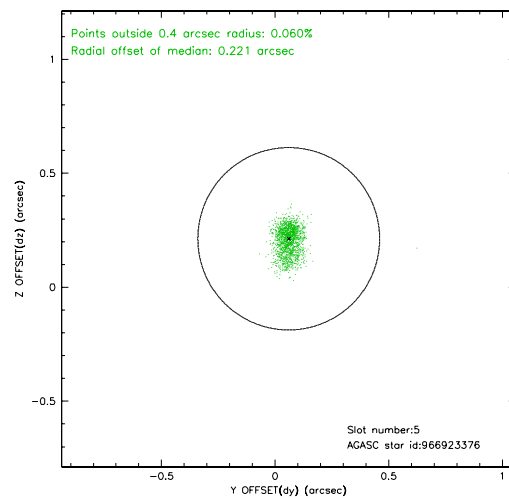
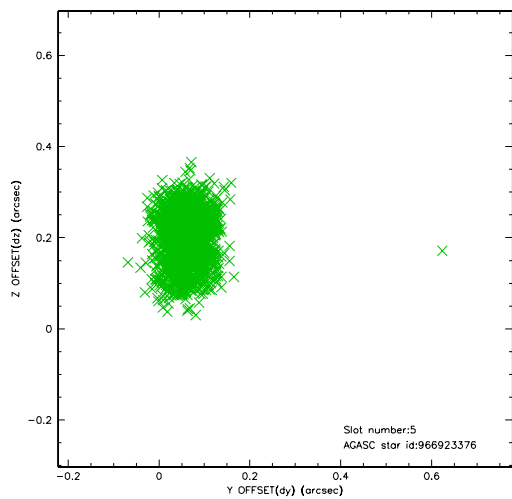
2.4.1 Slot 3



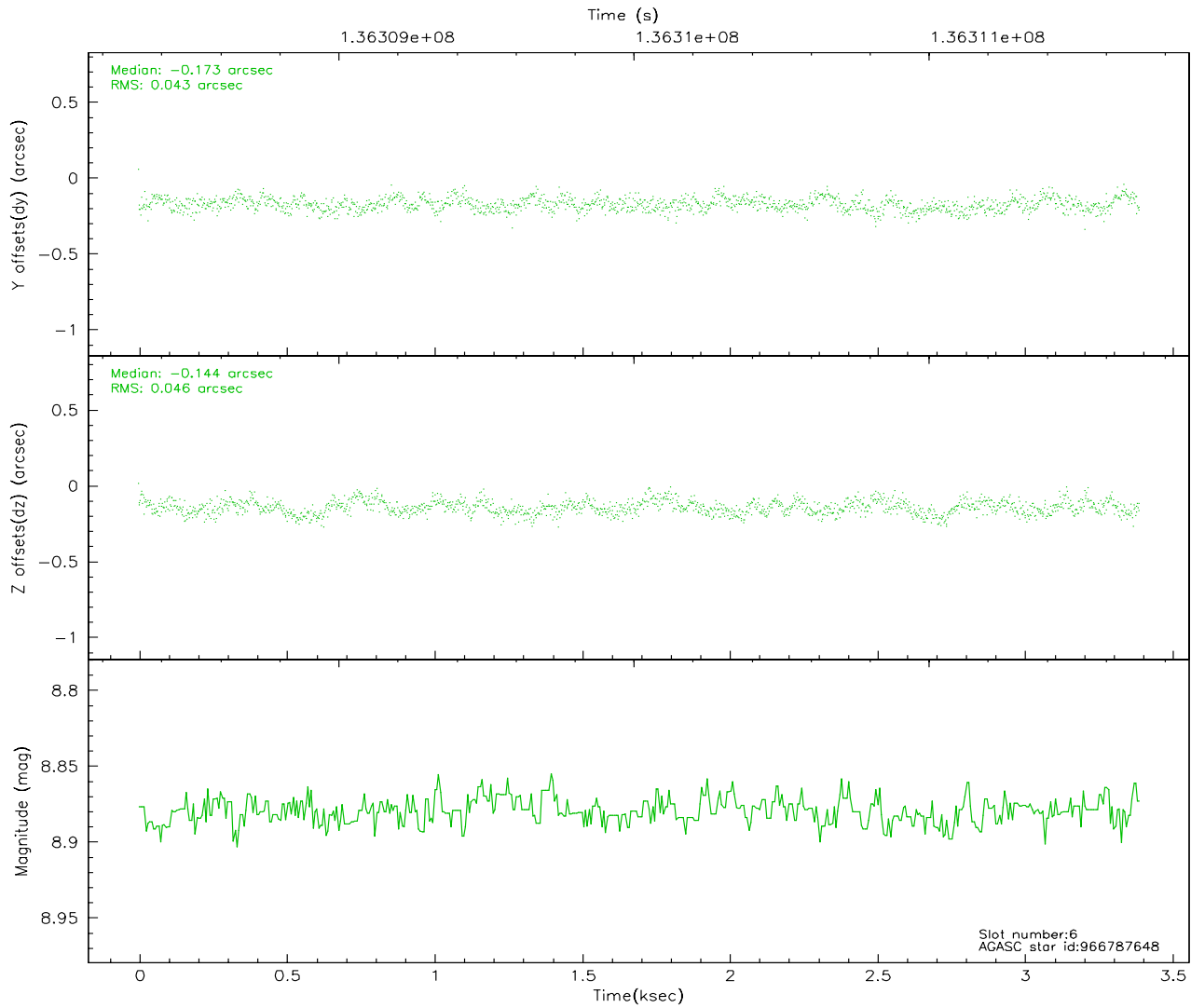
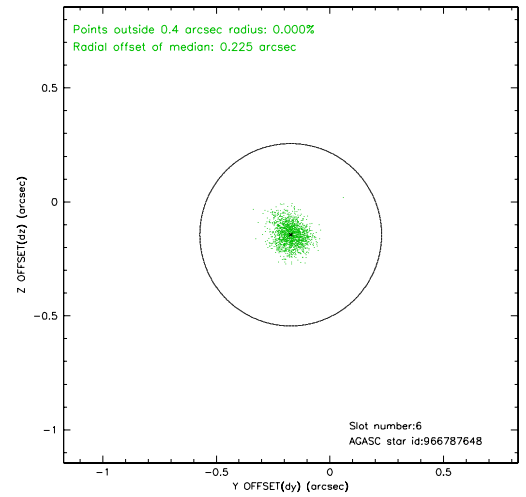
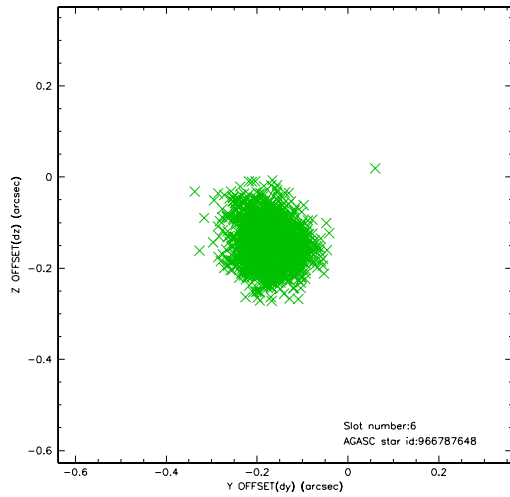
2.4.2 Slot 4



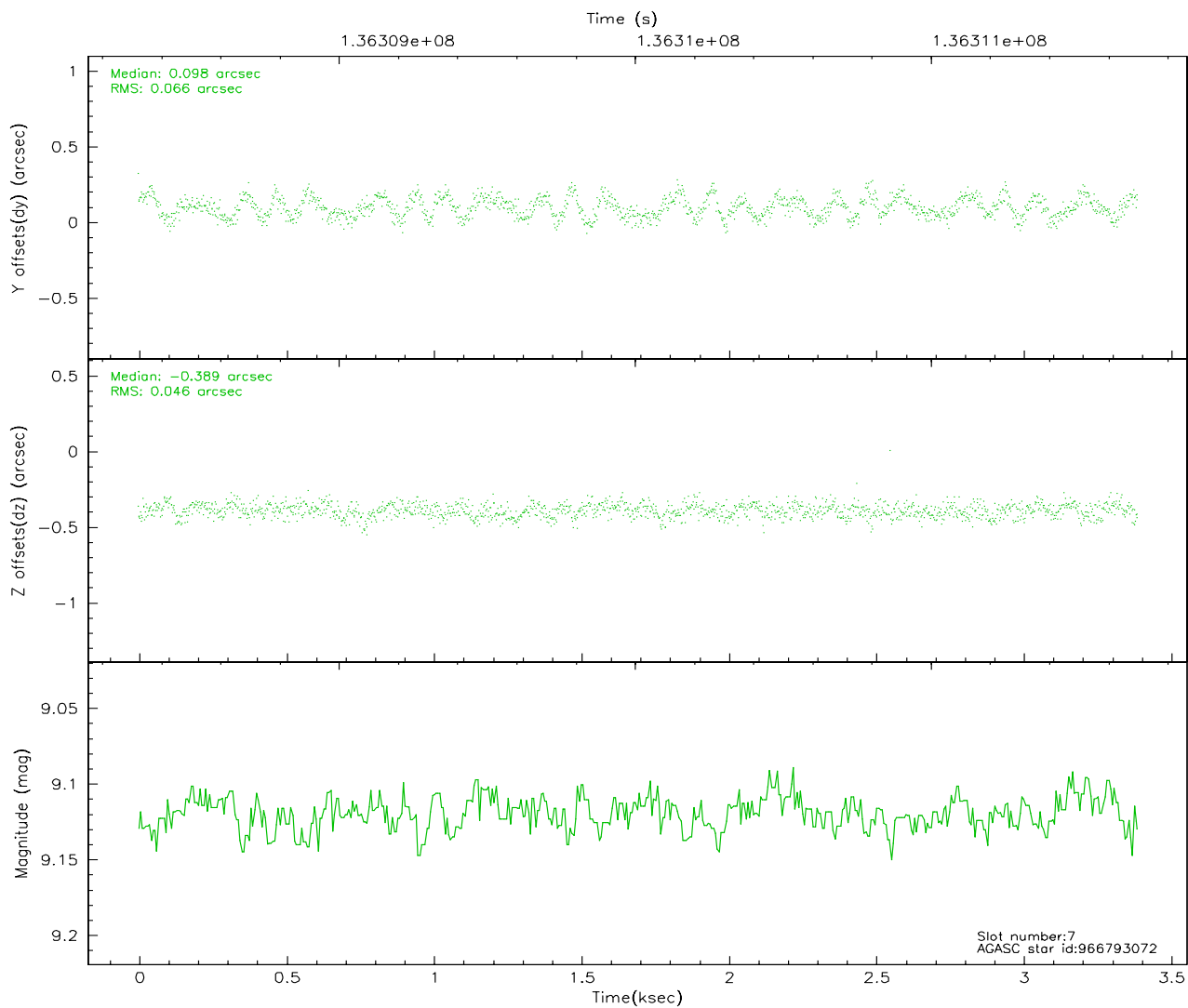
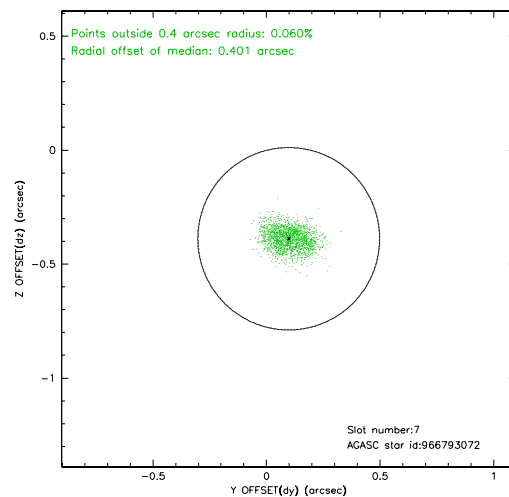
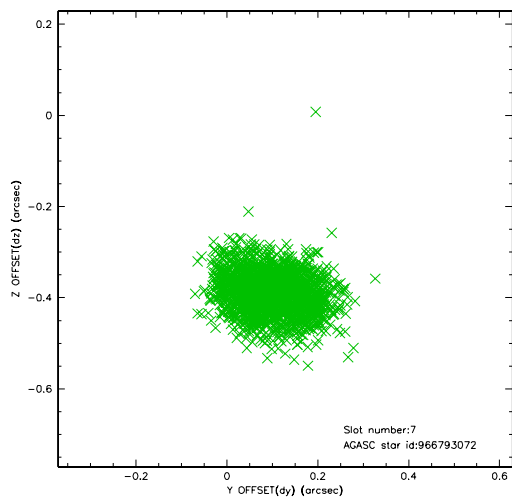
2.4.3 Slot 5



2.4.4 Slot 6

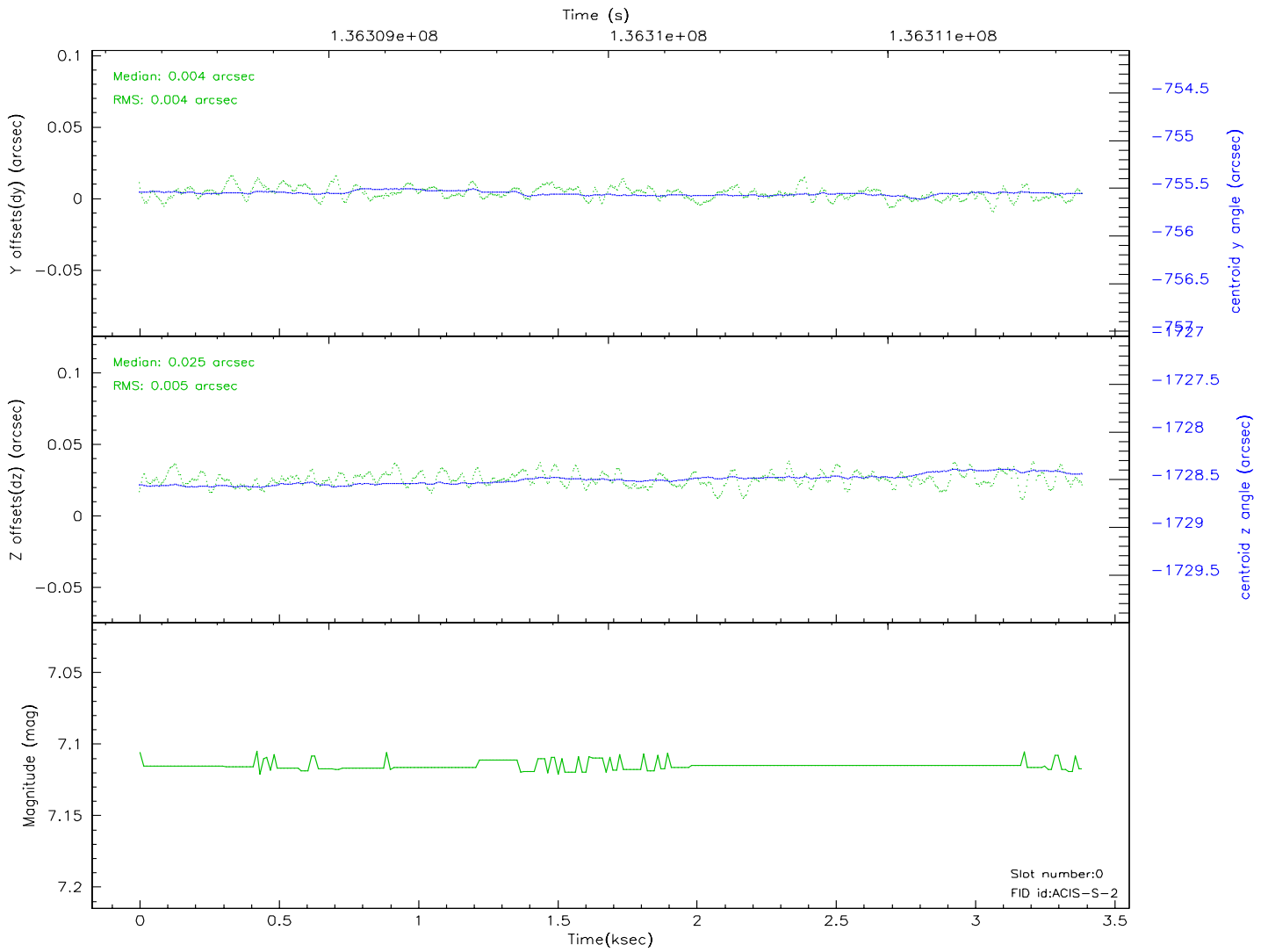
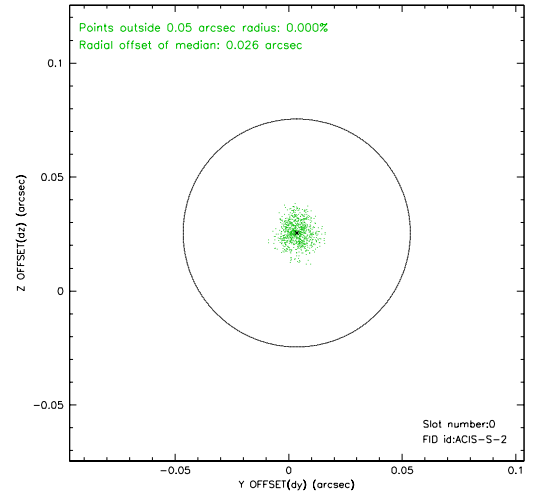
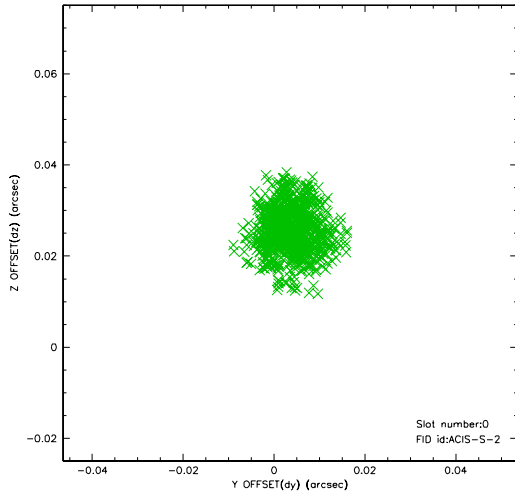


2.4.5 Slot 7

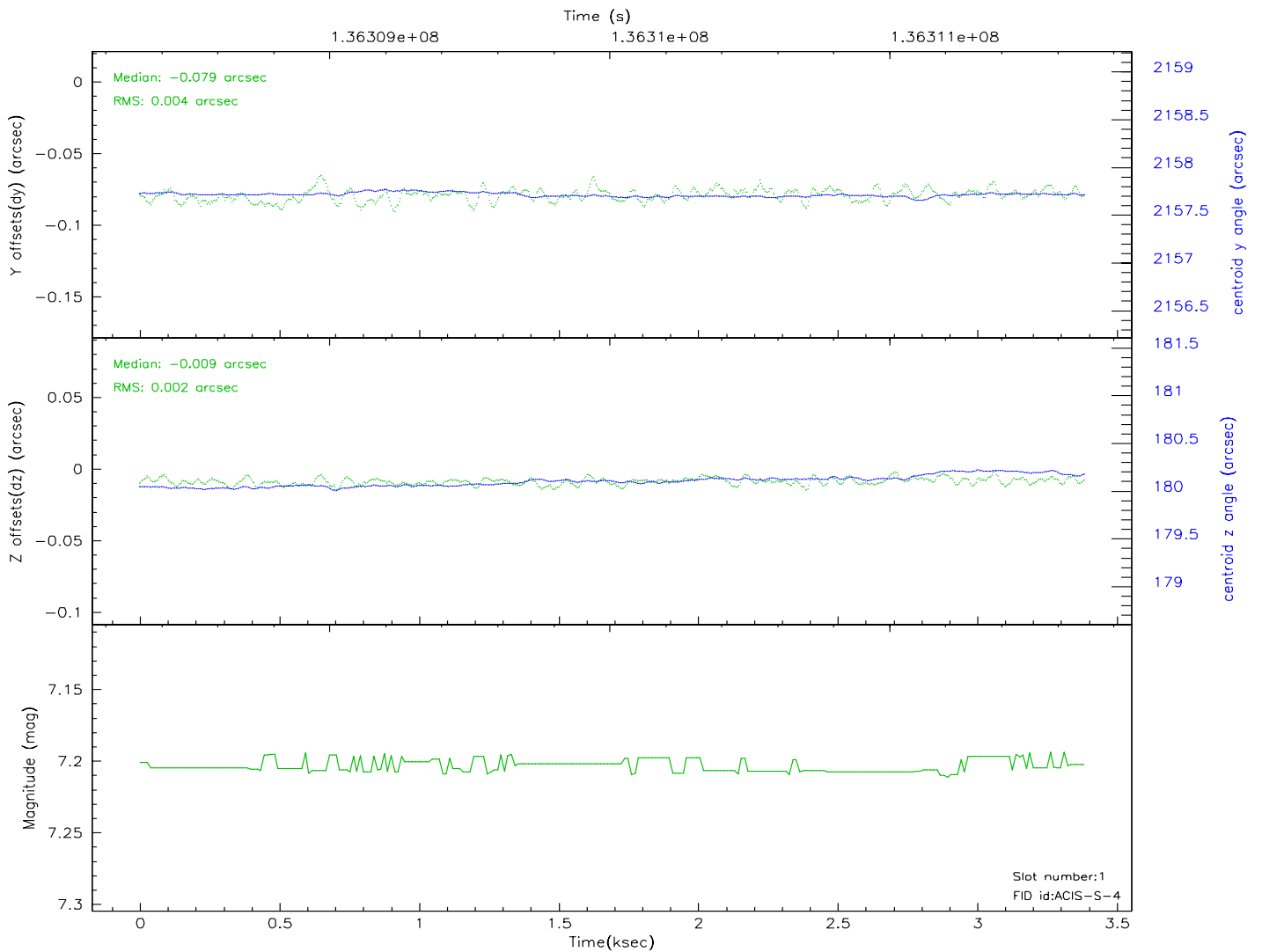
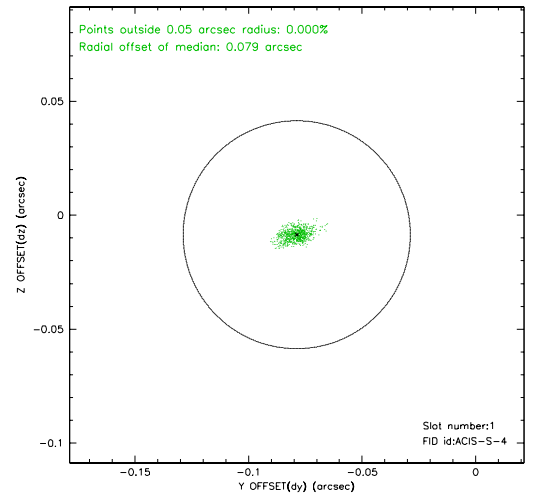
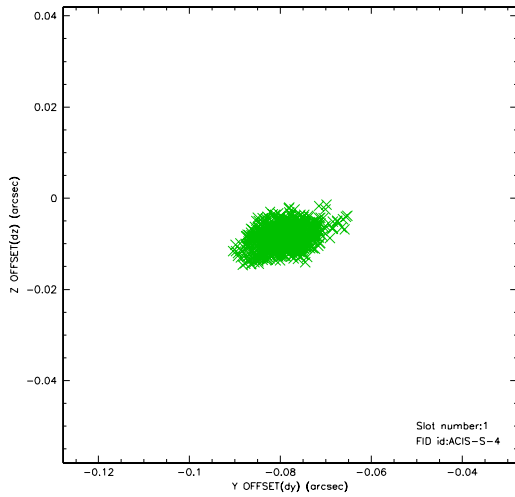


2.5 FID Slots

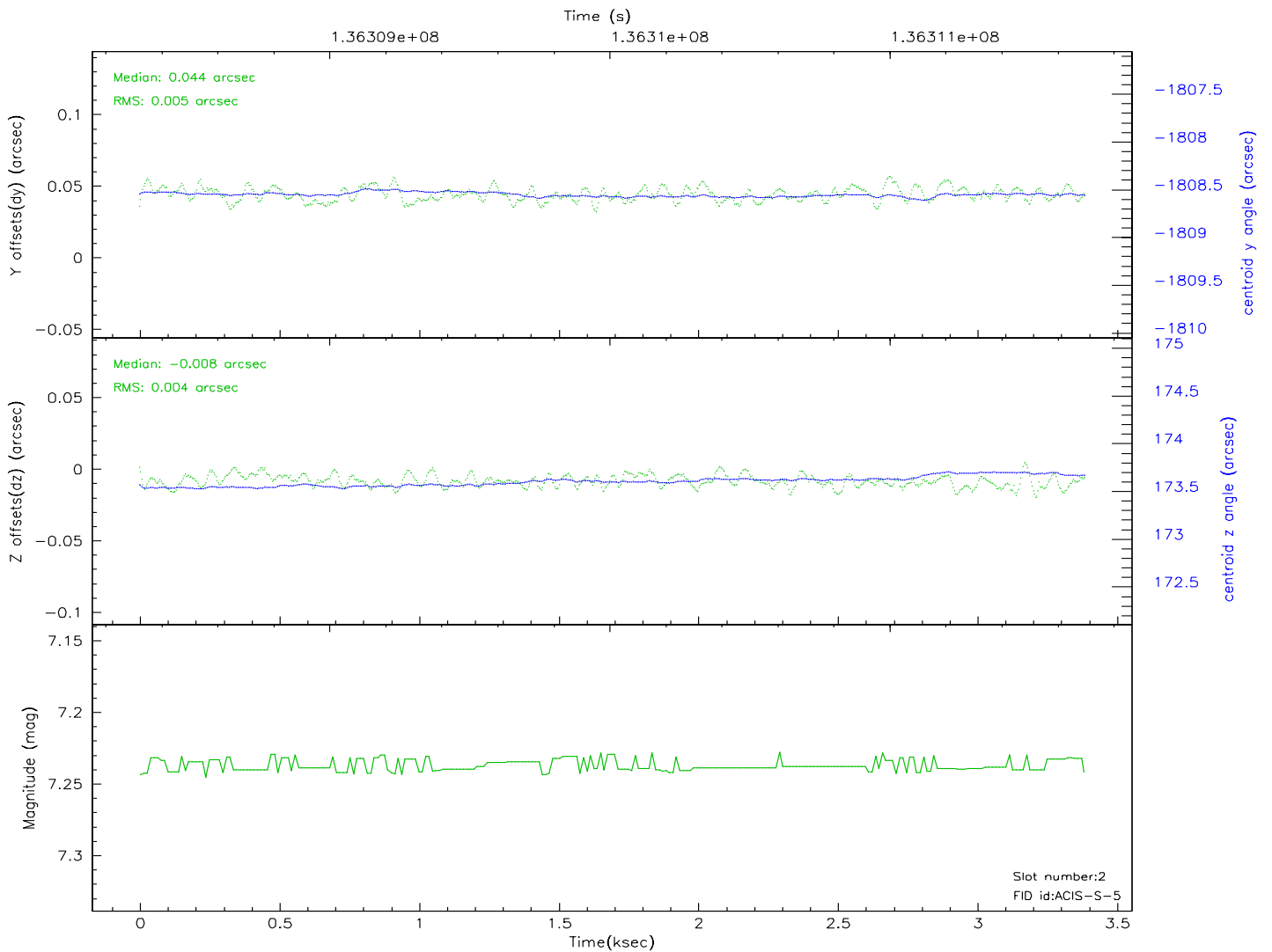
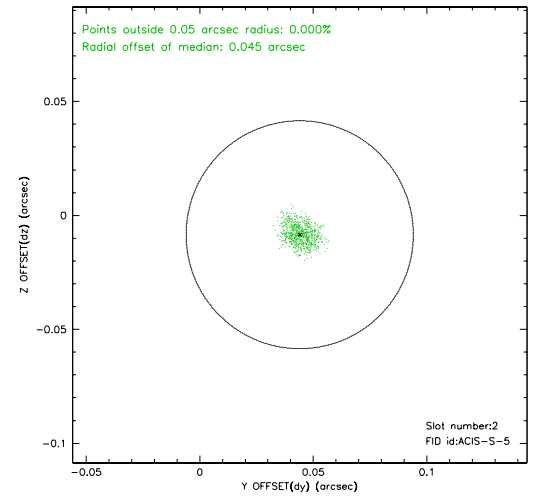
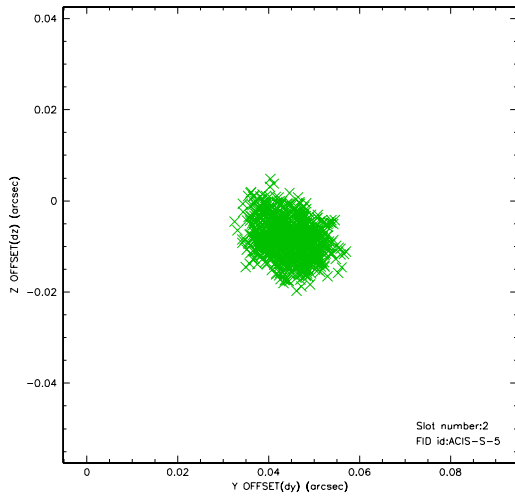
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.09.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.387

A.2 Comments