

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1032 - L2 Version 001
Chandra X-Ray Center

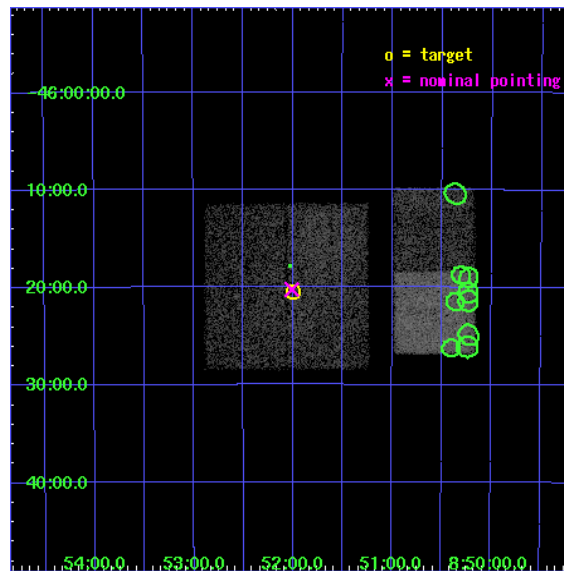
L2 Processing Date : Jun 14 2007

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1 Front

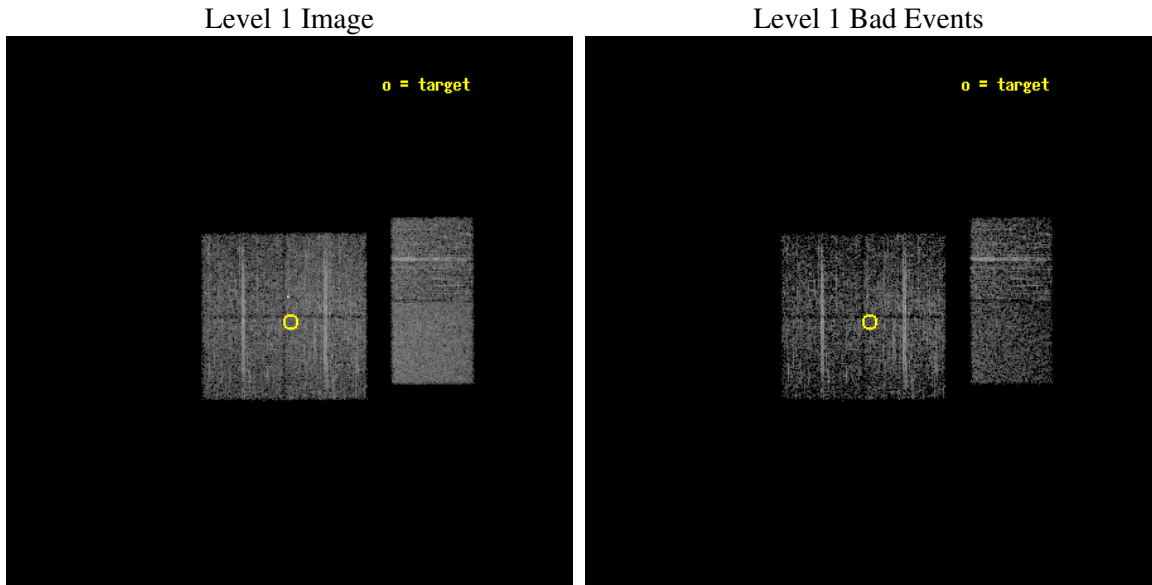
seq_num	500098
obs_id	1032
title	NEAREST SNR
observer	Prof. Gordon Garmire
object	RX J0852.0-4622
dtcycle	0
cycle	P
ra_targ	133.0
dec_targ	-46.341667
ra_nom	133.00250937238
dec_nom	-46.337319537683
roll_nom	89.769199157661
revision	2
ontime	3033.6000028253
livetime	2995.1867329749
ontime0	3033.6000028253
ontime1	3033.6000028253
ontime2	3033.6000028253
ontime3	3033.6000028253
ontime6	3033.6000028253
ontime7	3033.6000028253
l2events	43006



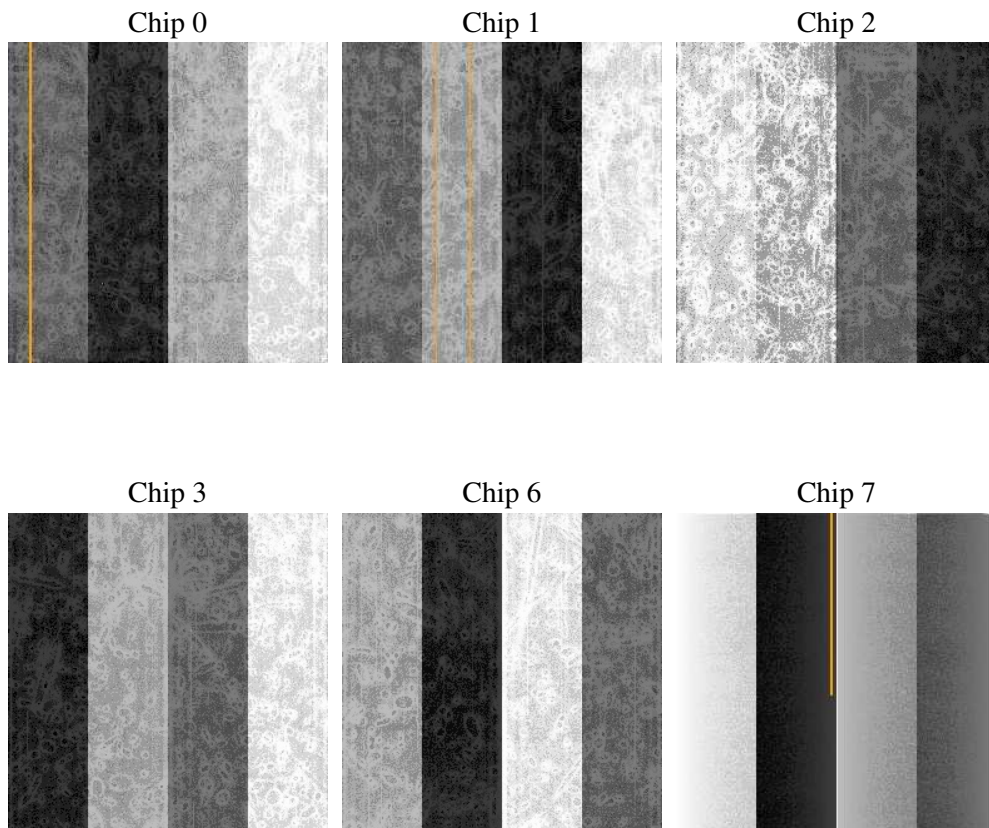
2 OBI

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	2007-06-14T04:52:33
revision	2

sched_exp_time	3000.000000
ontime	3033.6000028253
ontime0	3033.6000028253
ontime1	3033.6000028253
ontime2	3033.6000028253
ontime3	3033.6000028253
ontime6	3033.6000028253
ontime7	3033.6000028253
l1events	156881

2.1.4 Events

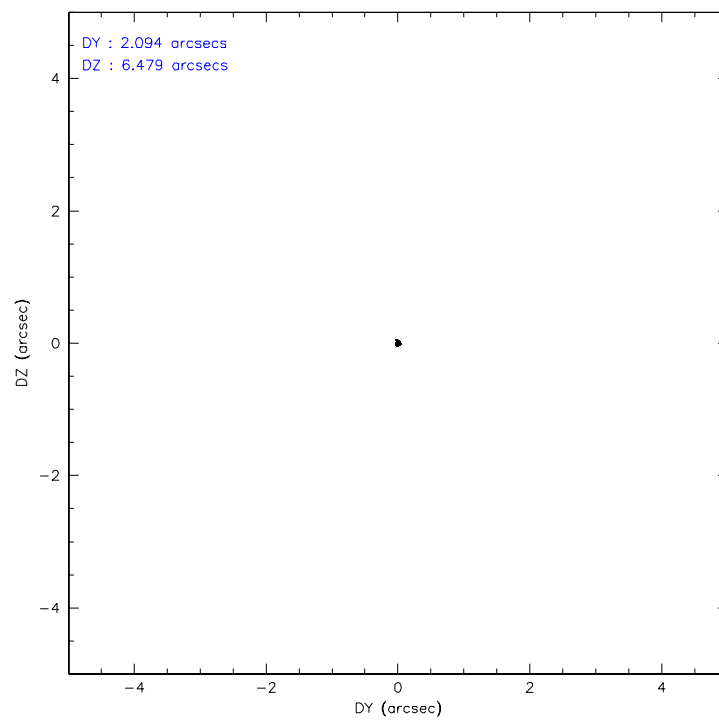
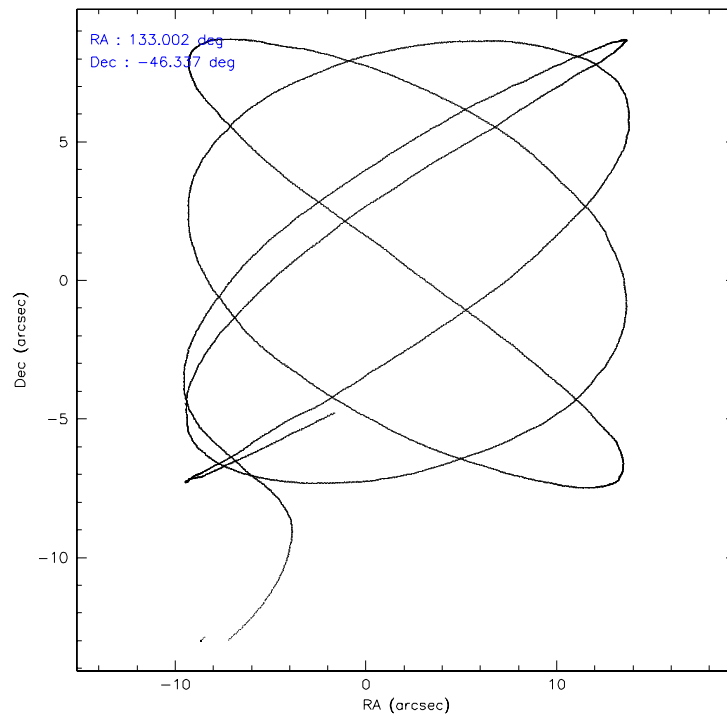
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	20604	21980	27993	26595	26725	32984
rejected events	15881	17035	20000	21187	20814	14942
rejected %	77%	77%	71%	79%	77%	45%

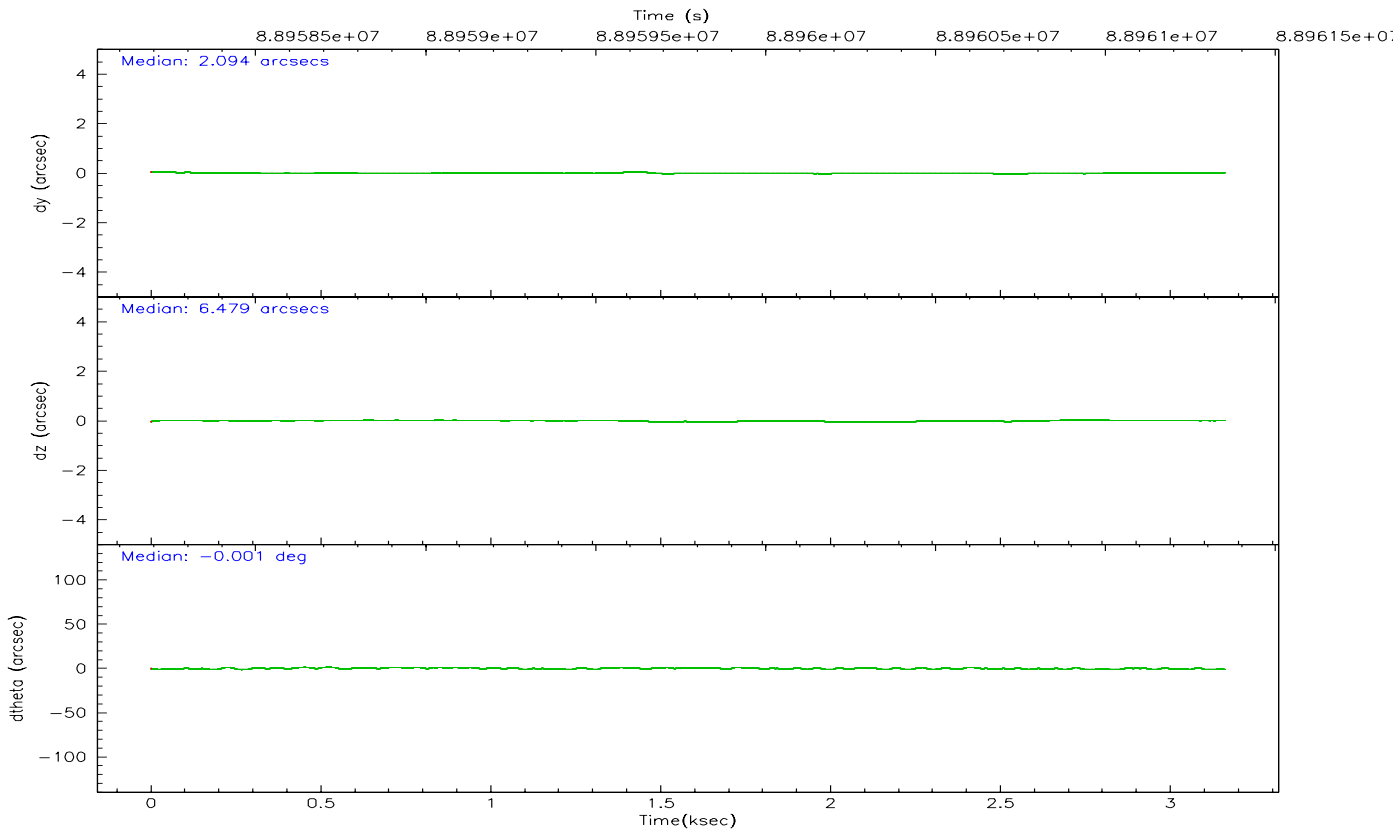
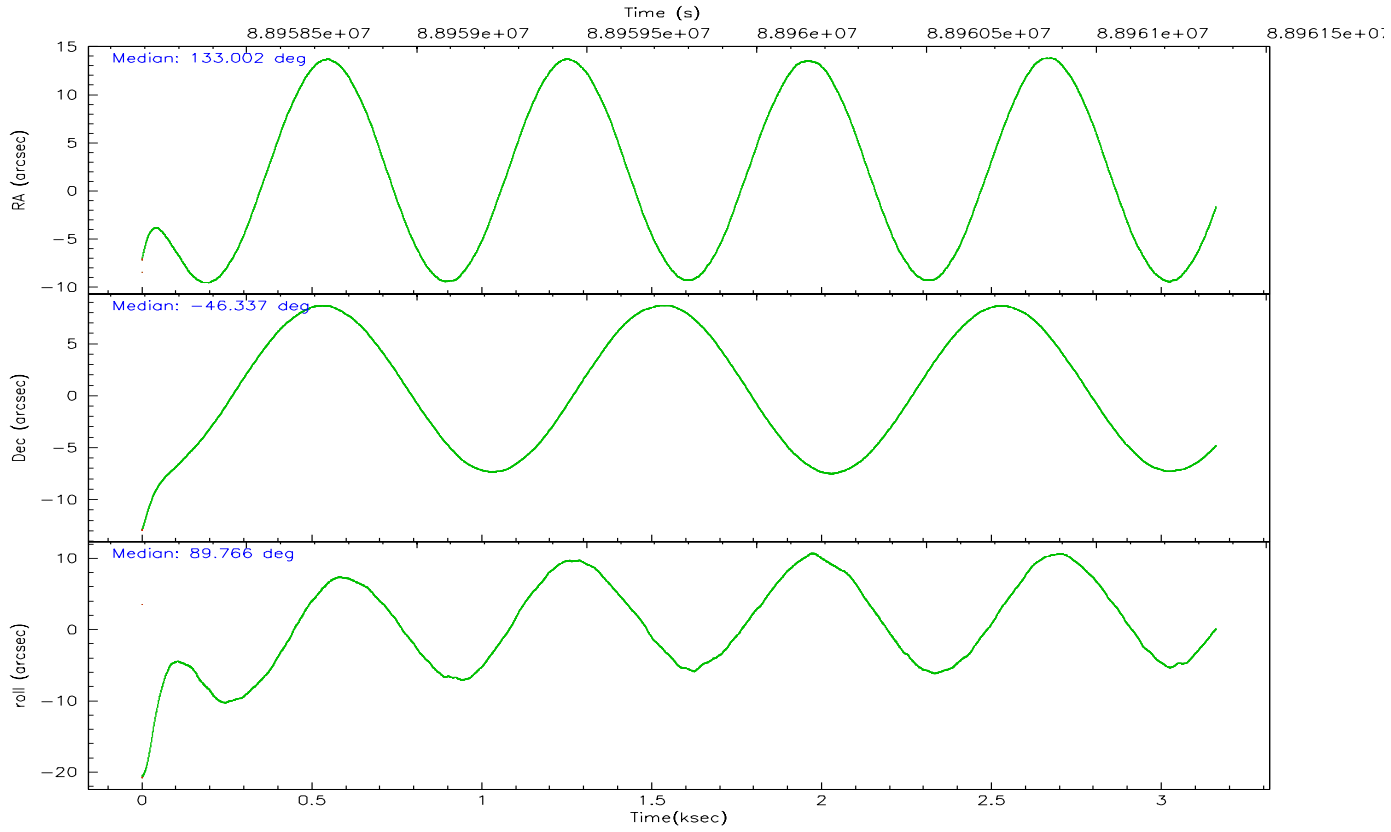
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	2725	2952	5649	3397	3813	4577
	13%	13%	20%	12%	14%	13%
grade 1 events	22	18	51	19	14	37
	0%	0%	0%	0%	0%	0%
grade 2 events	892	778	1116	895	950	3868
	4%	3%	3%	3%	3%	11%
grade 3 events	261	291	269	232	280	1720
	1%	1%	0%	0%	1%	5%
grade 4 events	257	277	352	235	277	1724
	1%	1%	1%	0%	1%	5%
grade 5 events	672	720	659	773	839	2545
	3%	3%	2%	2%	3%	7%
grade 6 events	592	658	624	662	603	6193
	2%	2%	2%	2%	2%	18%
grade 7 events	15183	16286	19273	20382	19949	12320
	73%	74%	68%	76%	74%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	133.022492	133.002509372378	Subarray requested	NONE	NONE
Pointing Dec	-46.361114	-46.33731953768348	Alternating exposures requested	N	N
Pointing Roll	89.575052	89.76919915766057	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	88958353.184000	88957351.99511901			
Observation start date	2000-10-26T14:38:09	2000-10-26T14:22:31			
Observation end time	88961353.184000	88961913.24529199			
Observation end date	2000-10-26T15:28:09	2000-10-26T15:38:33			
Read mode	TIMED	TIMED			

2.3 Aspect



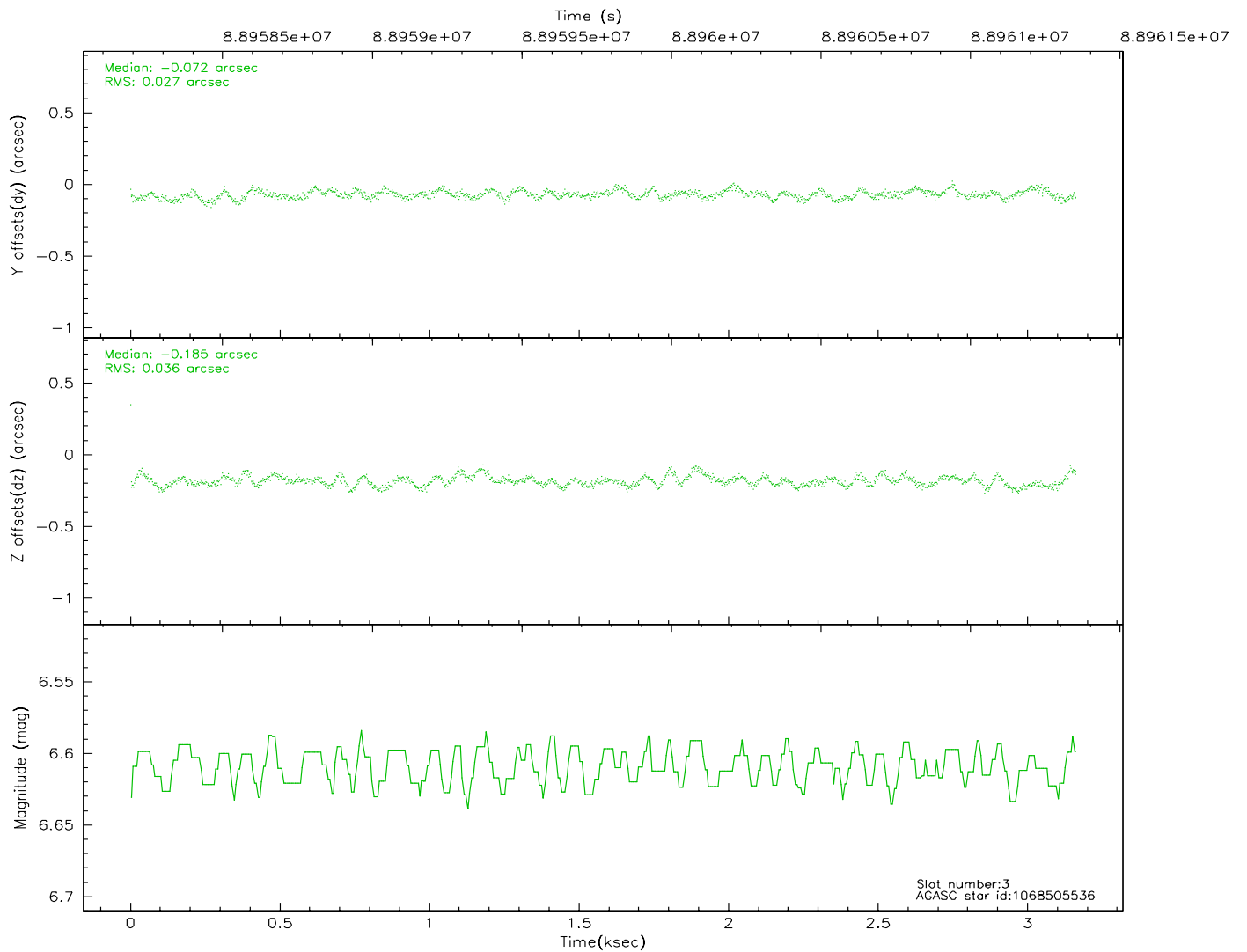
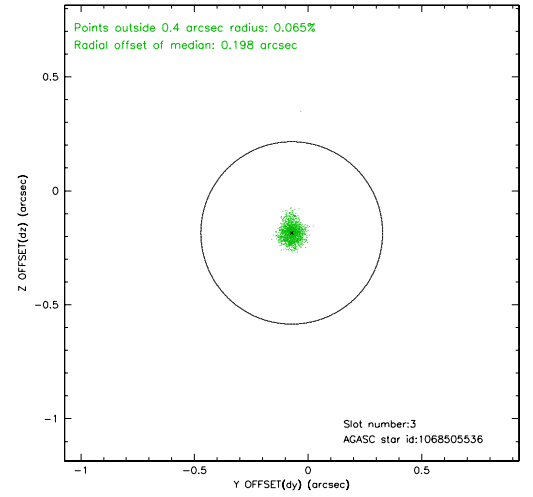
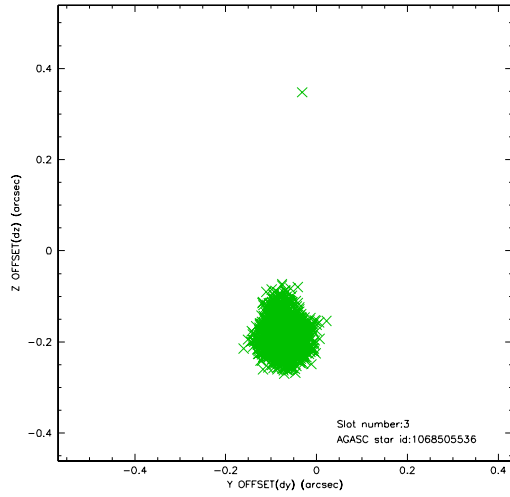


Slot Statistics

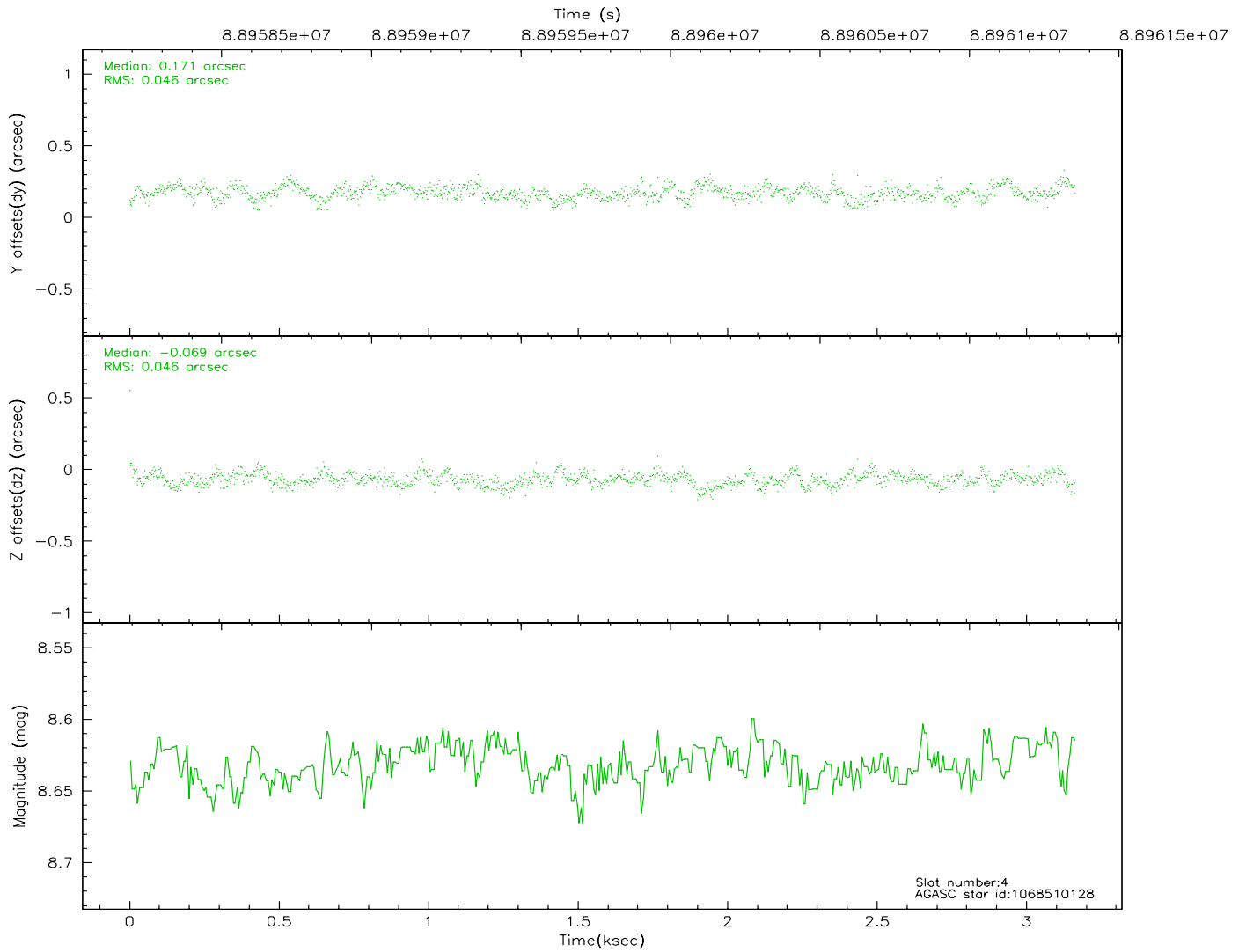
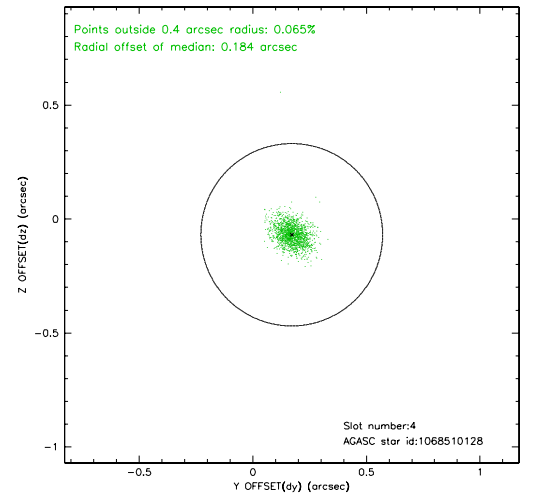
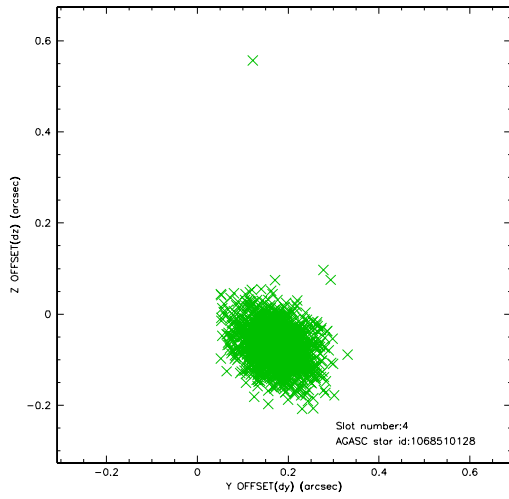
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	772	-0.048	-0.008	0.009	0.016	0.000000	0.000000	937.66	-829.87
1	FID	ACIS-I-4	7.18	772	-0.059	0.052	0.009	0.015	0.000000	0.000000	2158.85	1068.97
2	FID	ACIS-I-5	7.23	772	0.009	0.026	0.009	0.016	0.000000	0.000000	-1807.65	1069.14
3	GUIDE	1068505536	6.61	1543	-0.072	-0.185	0.046	0.075	132.879030	-46.541145	-650.96	349.48
4	GUIDE	1068510128	8.63	1543	0.171	-0.069	0.066	0.109	132.886718	-46.609996	-898.81	328.51
5	GUIDE	1068506560	8.91	1543	-0.038	0.137	0.086	0.138	133.945710	-46.867843	-1821.01	-2286.34
6	GUIDE	1068515384	8.76	1543	0.034	0.013	0.055	0.091	133.341712	-46.035768	1174.61	-791.23
7	GUIDE	1068506184	9.42	1541	-0.098	0.108	0.080	0.127	133.354089	-45.784106	2082.51	-818.13

2.4 Star Slots

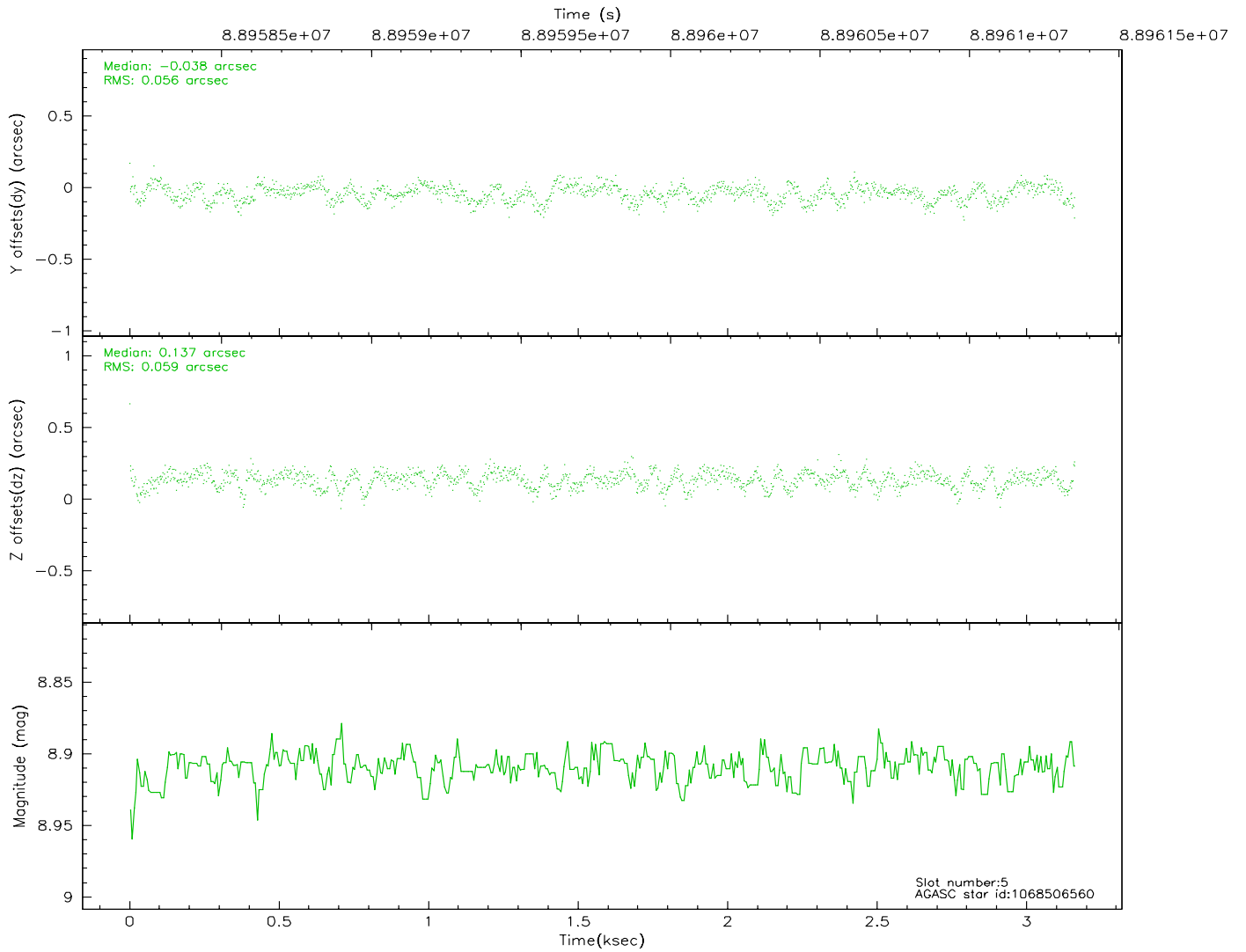
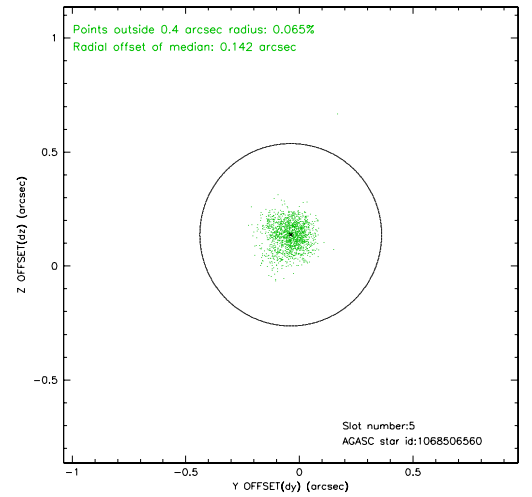
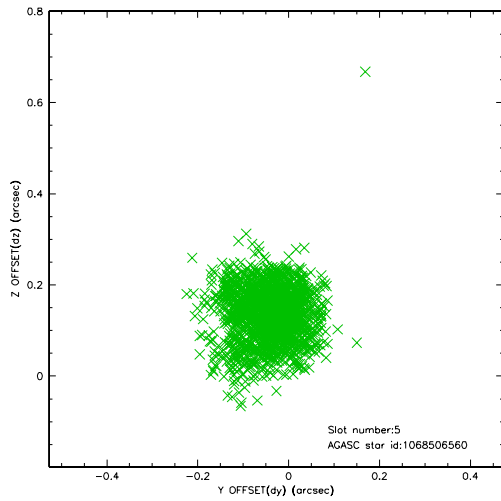
2.4.1 Slot 3



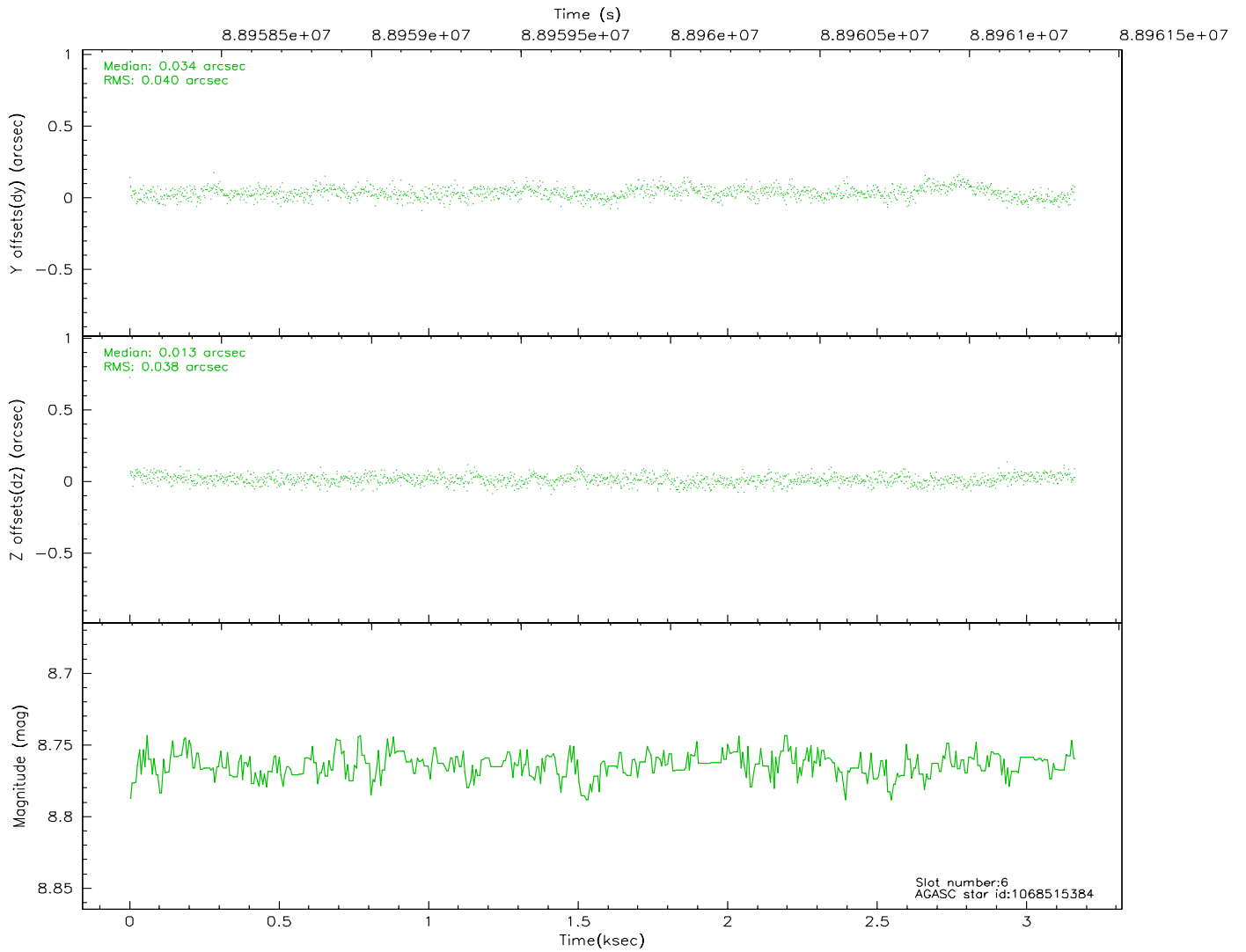
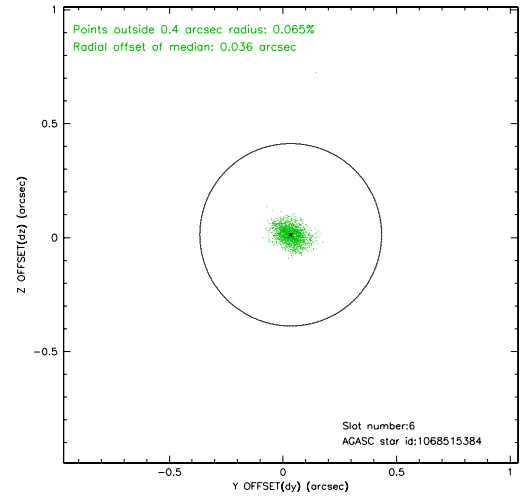
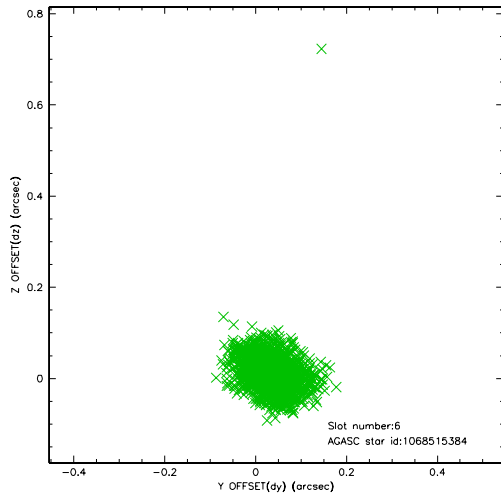
2.4.2 Slot 4



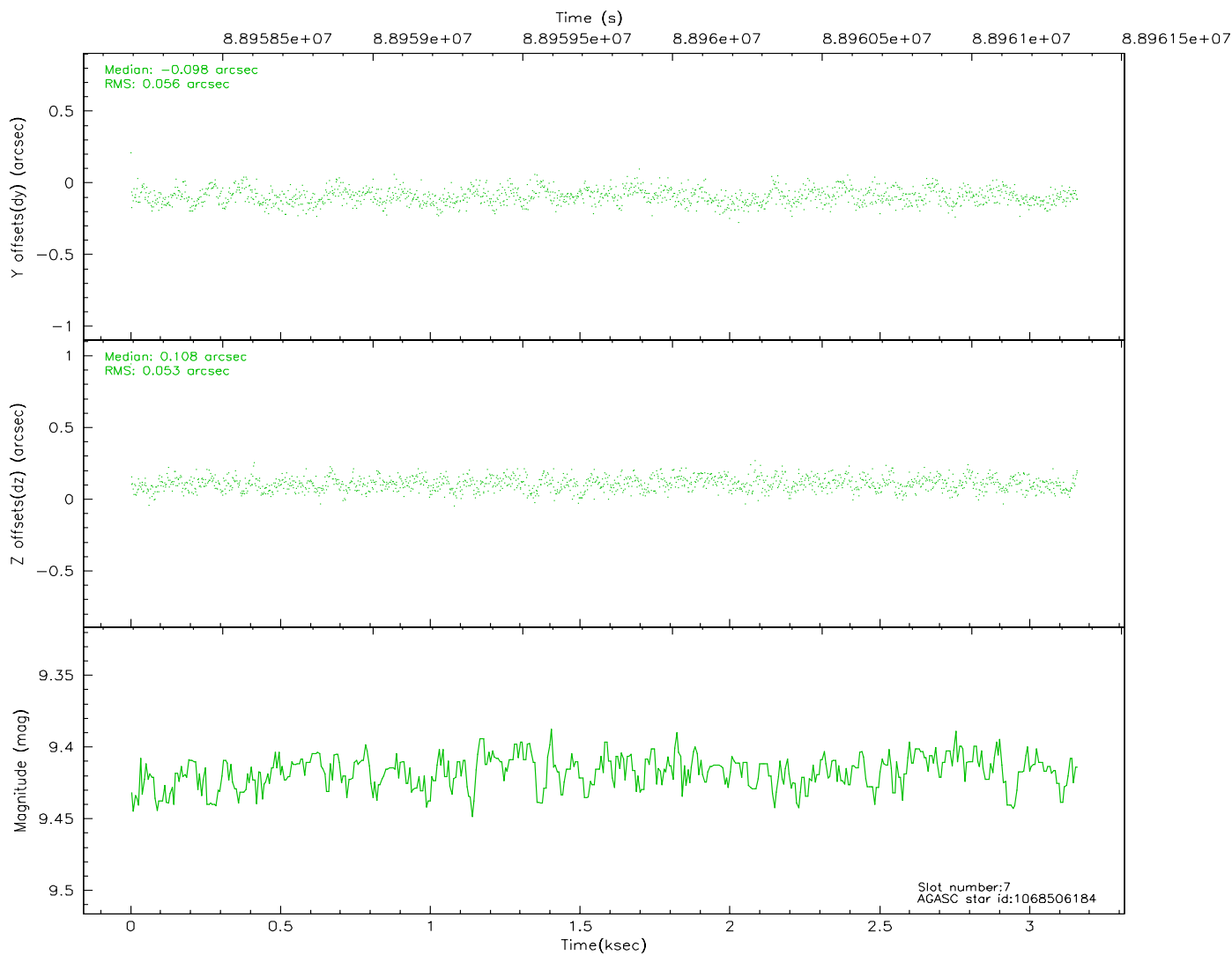
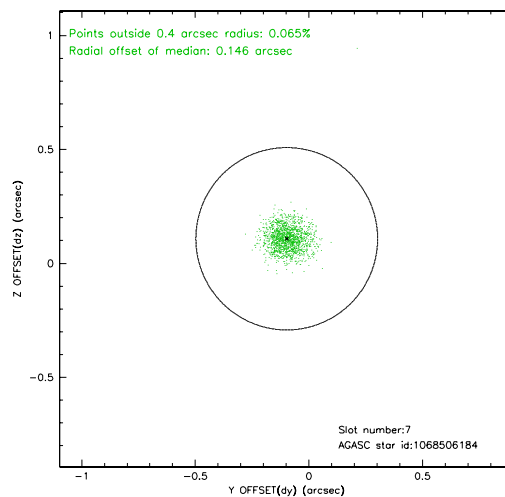
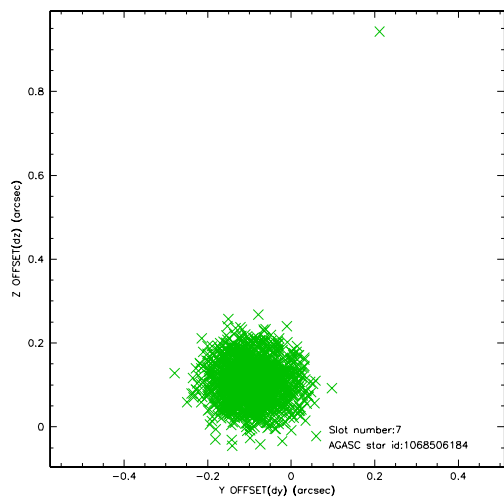
2.4.3 Slot 5



2.4.4 Slot 6

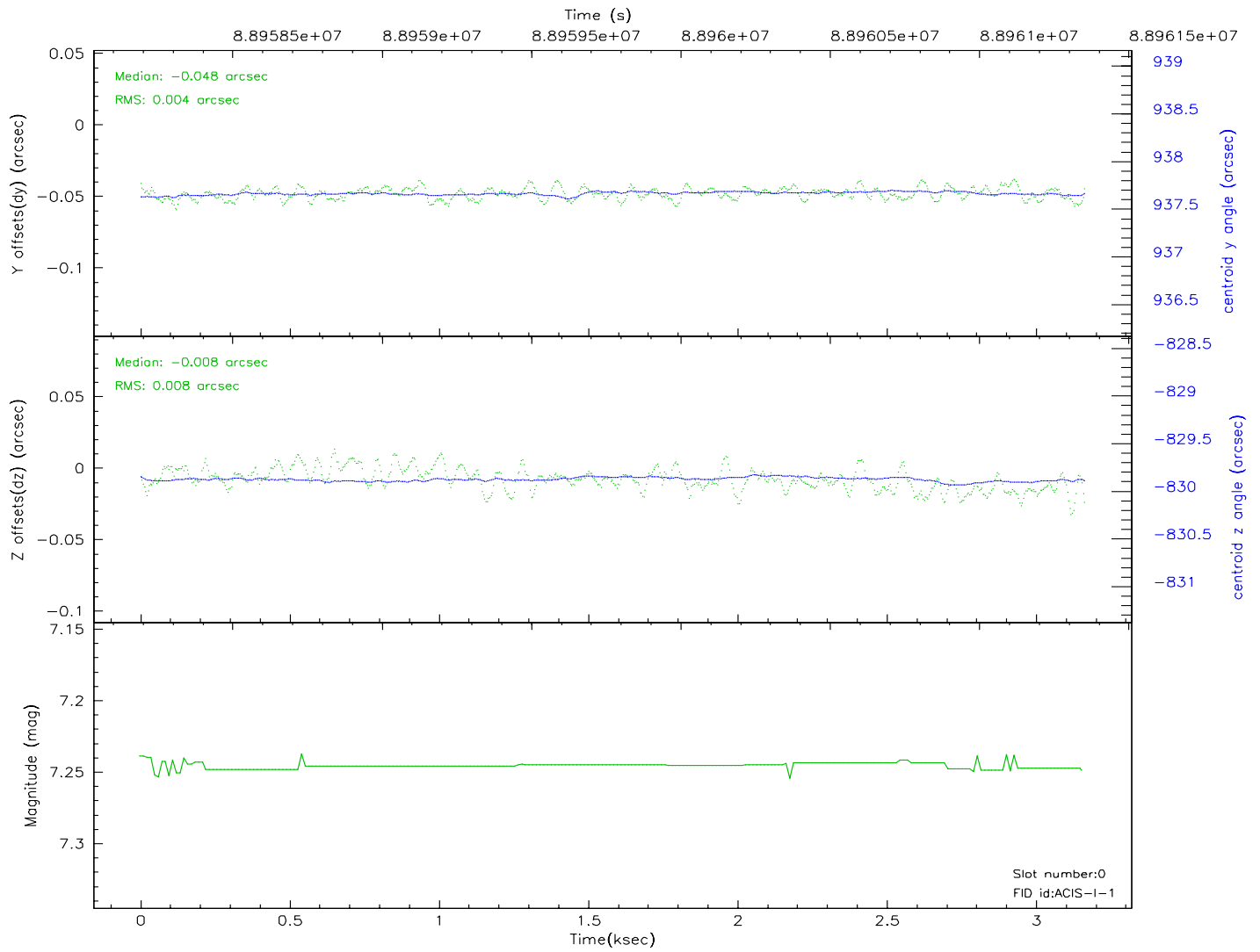
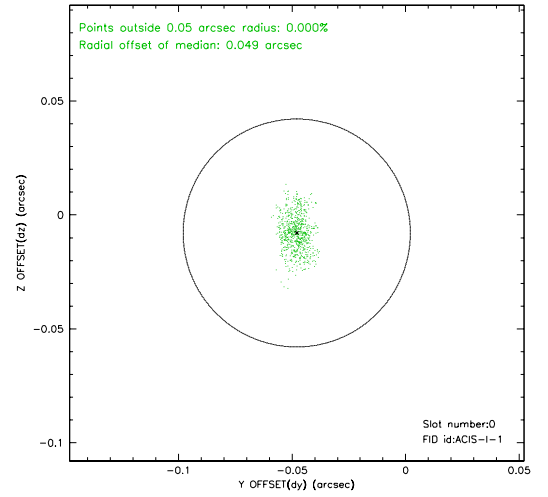
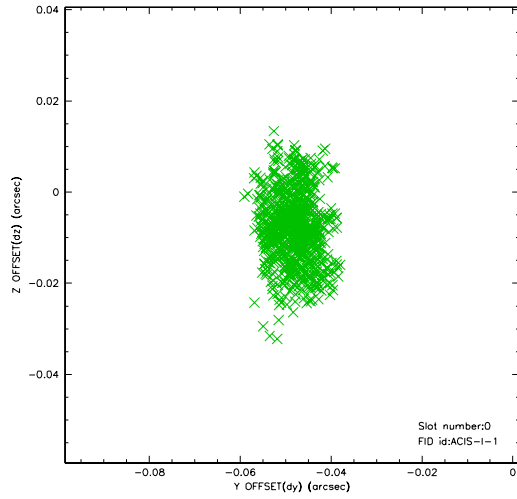


2.4.5 Slot 7

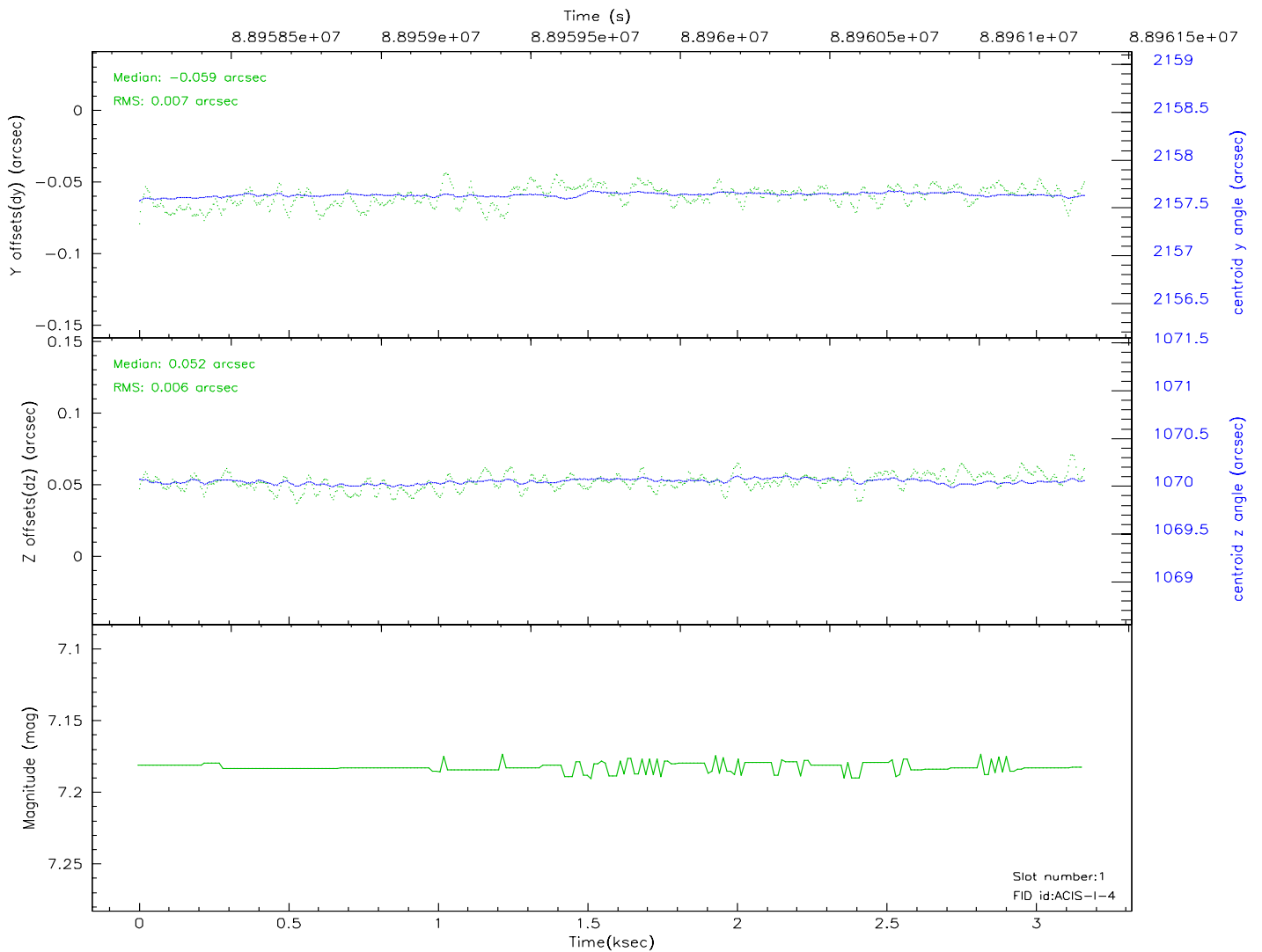
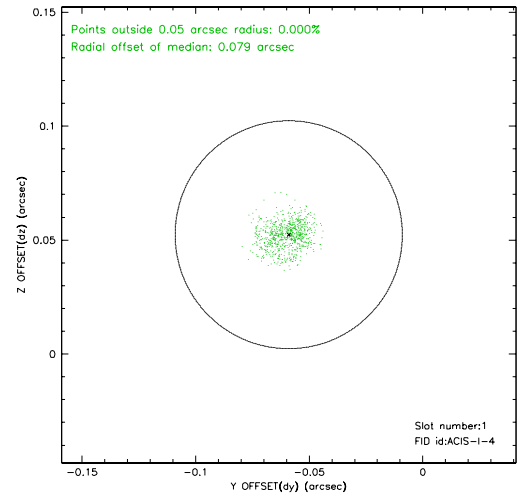
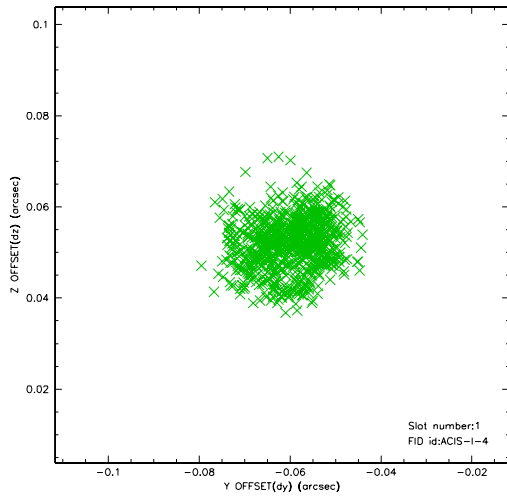


2.5 FID Slots

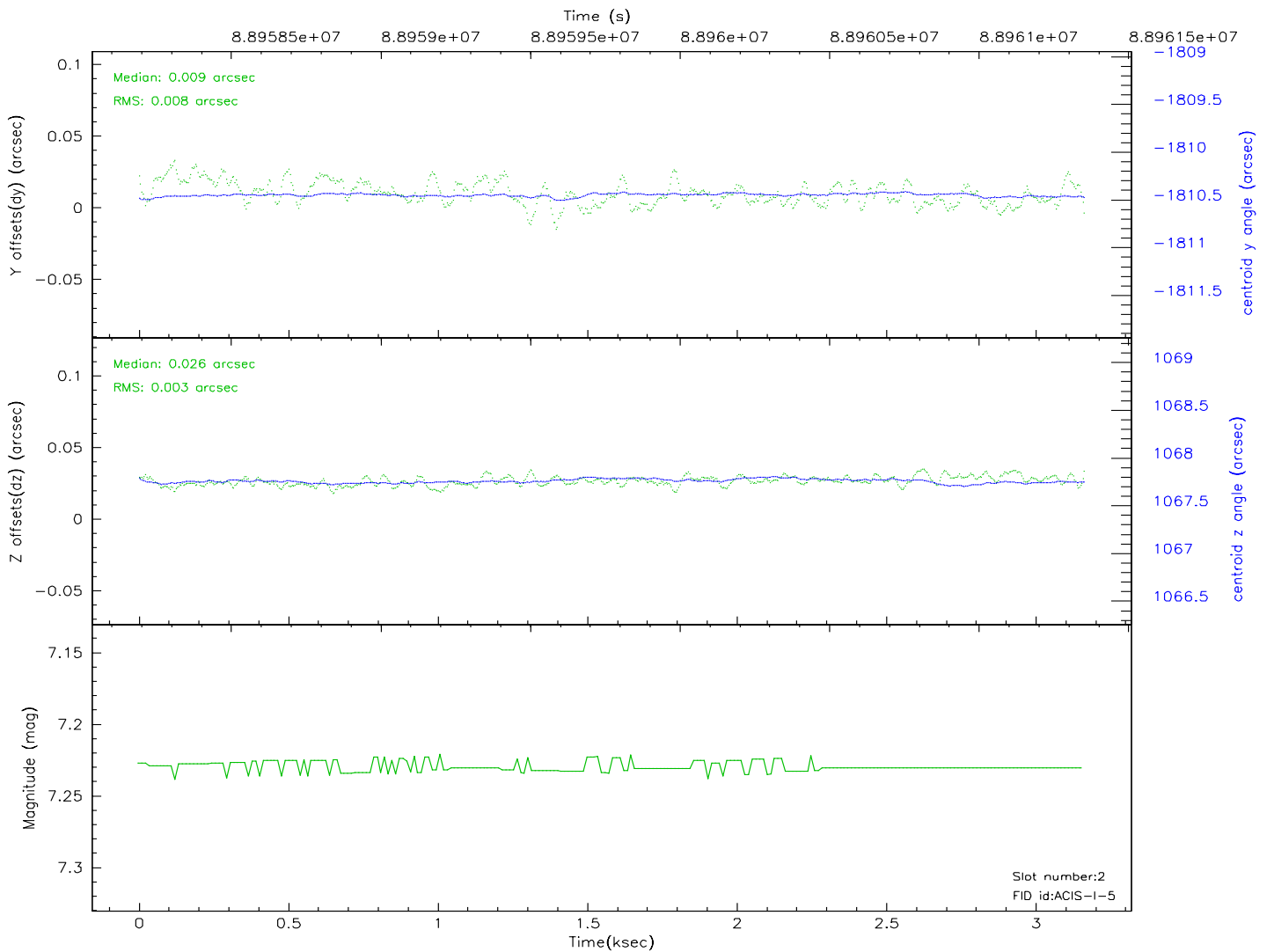
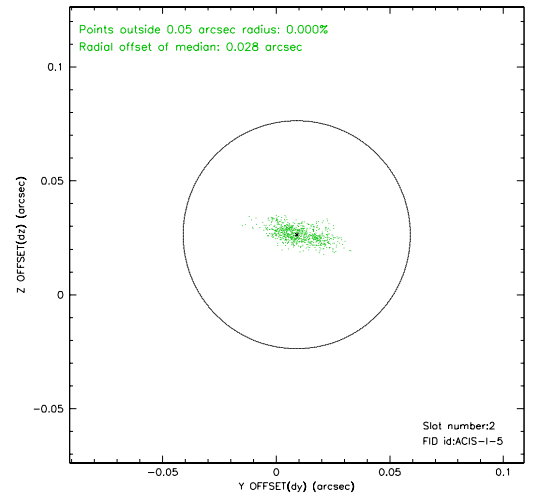
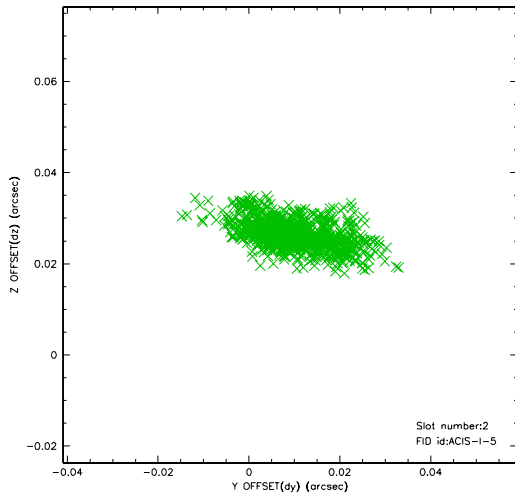
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

19.68 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.036

A.2 Comments