

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4565 - L2 Version 3
Chandra X-Ray Center

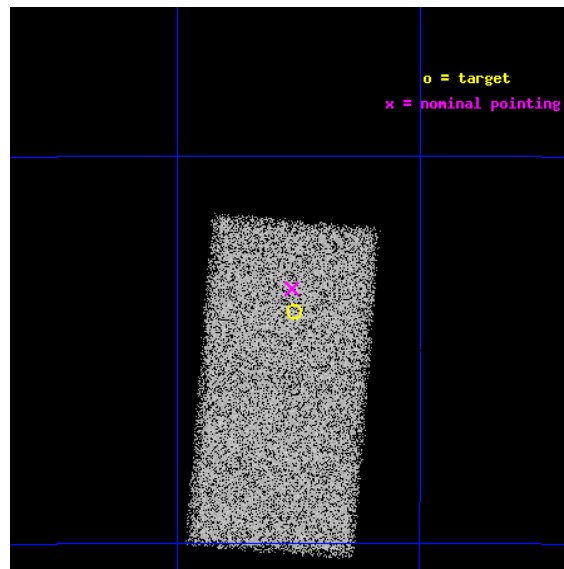
L2 Processing Date : Nov 11 2012

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1 Front

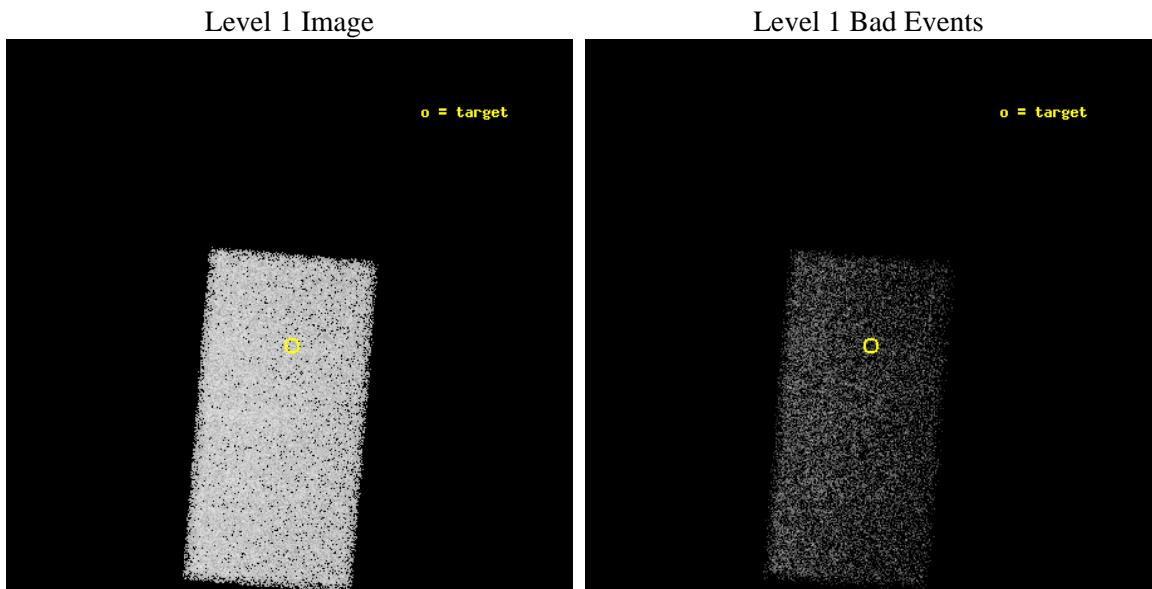
seq_num	400348	Sequence number
obs_id	4565	Observation id
title	X-Ray Jets in Microquasars	Proposal title
observer	Prof. Stephane CORBEL	Principal investigator
object	H1743-322	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	266.565	Observer's specified target RA [deg]
dec_targ	-32.233306	Observer's specified target Dec [deg]
ra_nom	266.56609167957	Nominal RA [deg]
dec_nom	-32.223642440439	Nominal Dec [deg]
roll_nom	94.578312892802	Nominal Roll [deg]
revision	3	Processing version of data
ontime	23632.5	Sum of GTIs [s]
livetime	23003.134247002	Livetime [s]
ontime7	23632.5	Sum of GTIs [s]
l2events	48850	Number of level 2 events



2 OBI

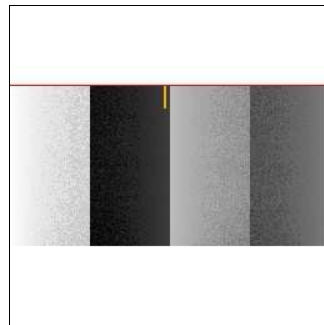
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	23500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	23632.5	Sum of GTIs [s]
caldbver	4.5.2	 	ontime7	23632.5	Sum of GTIs [s]
date	2012-11-11T23:47:01	Date and time of file creation	l1events	113912	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

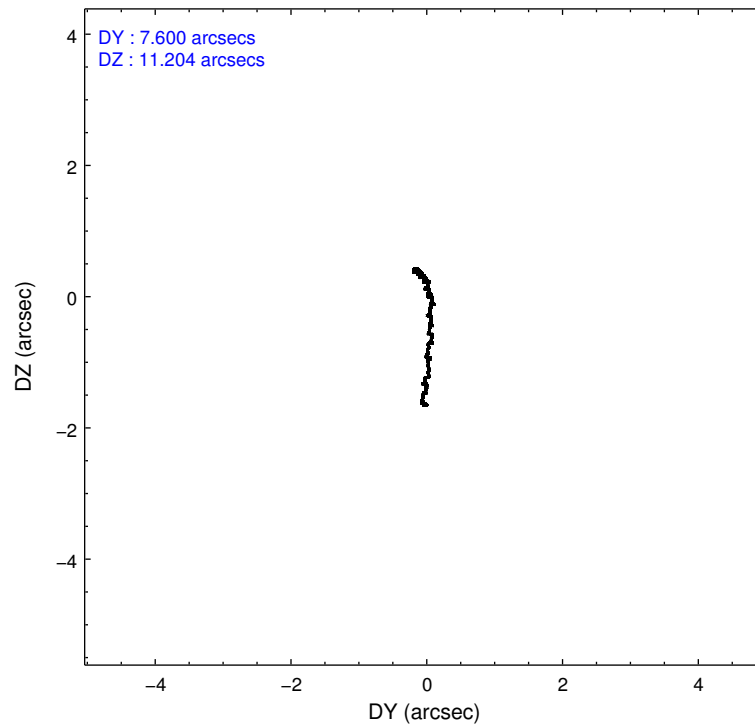
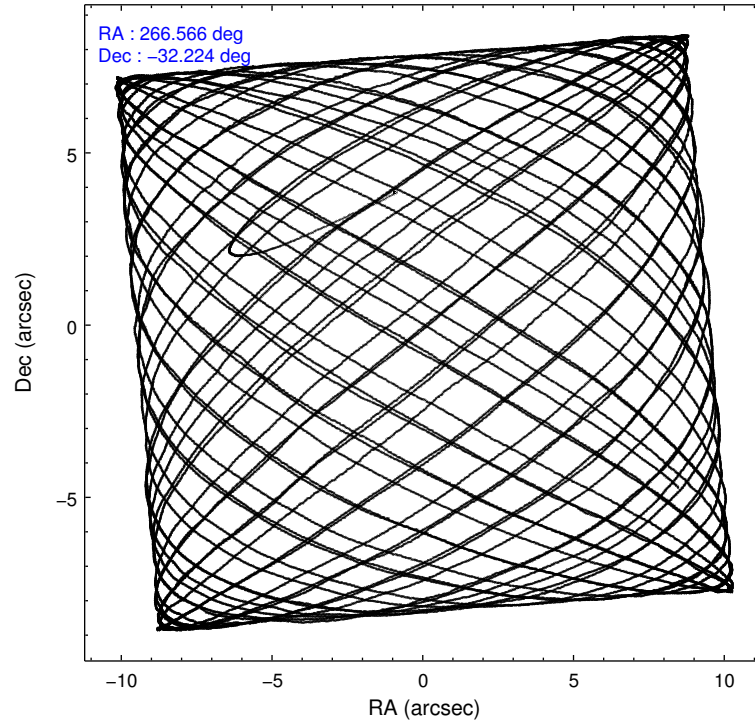
	ccd 7
level 1 events	113912
rejected events	63835
rejected %	56%

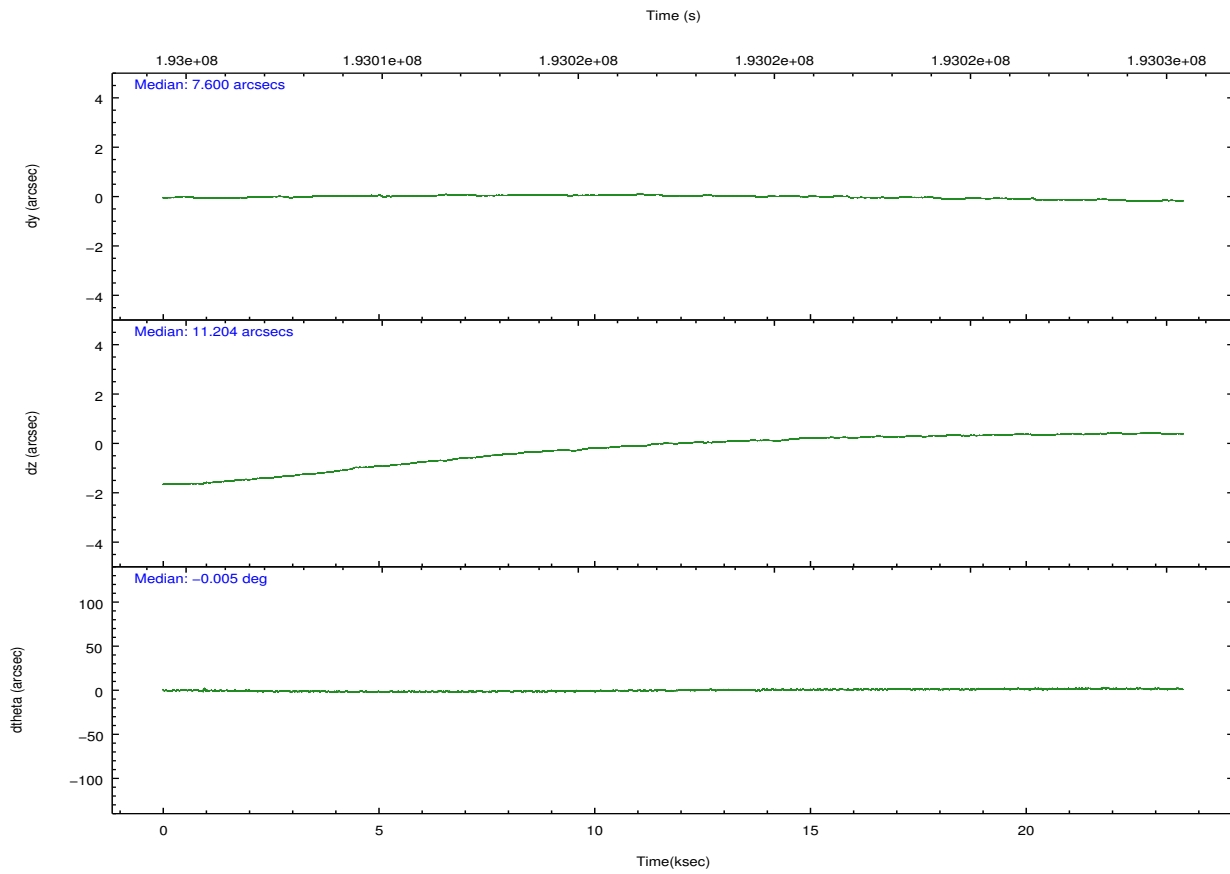
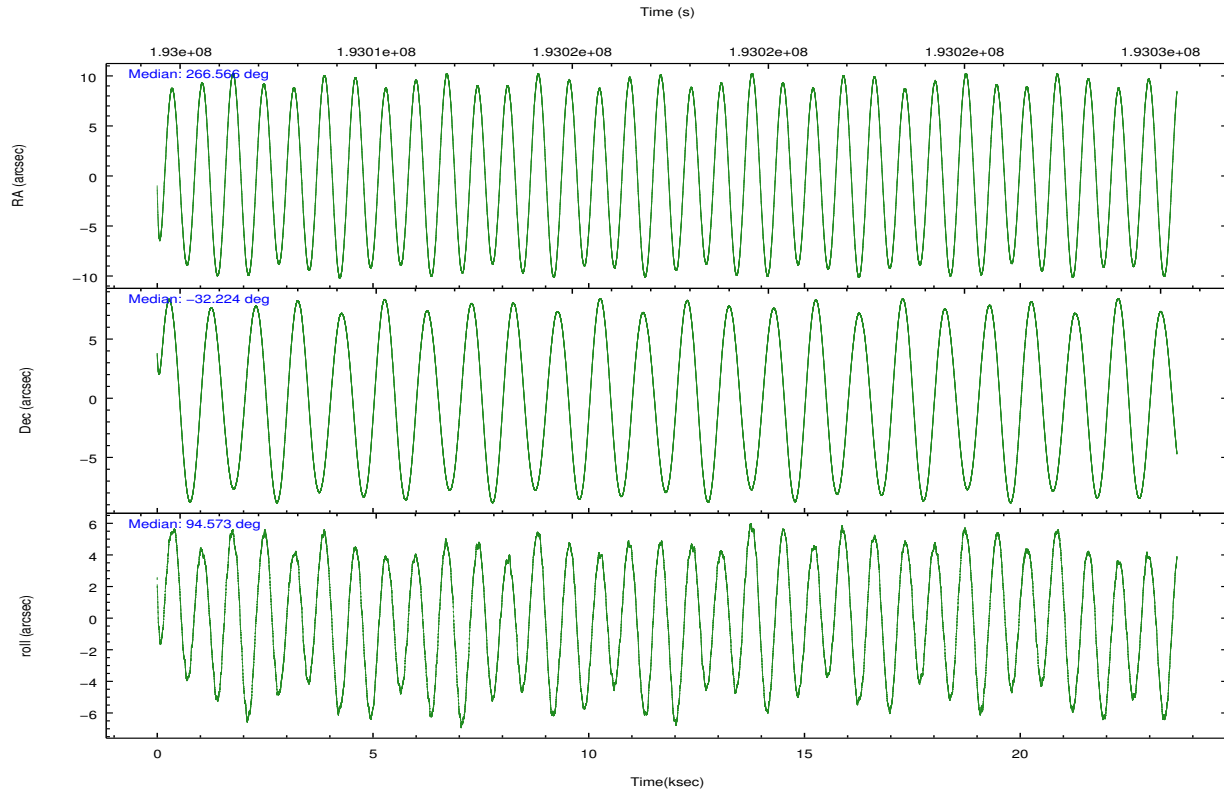
	ccd 7
grade 0 events	5267
	4%
grade 1 events	105
	0%
grade 2 events	10114
	8%
grade 3 events	5099
	4%
grade 4 events	4933
	4%
grade 5 events	10475
	9%
grade 6 events	26788
	23%
grade 7 events	51131
	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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
[deg] Pointing RA	266.584733	266.5660916795686	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-32.245887	-32.22364244043851	Subarray start row	257	257
[deg] Pointing Roll	94.431635	94.57831289280234	Subarray row count	512	512
[s] Window start time (MET)	192240064.184000	192240064.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	193190464.184000	193190464.184000	[s] Primary exposure time	0.000000	1.5
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	193005733.184000	193004604.50947			
Observation start date	2004-02-12T20:41:09	2004-02-12T20:23:24			
[s] Observation end time (MET)	193029233.184000	193030151.61059			
Observation end date	2004-02-13T03:12:49	2004-02-13T03:29:11			
Read mode	TIMED	TIMED			

2.3 Aspect



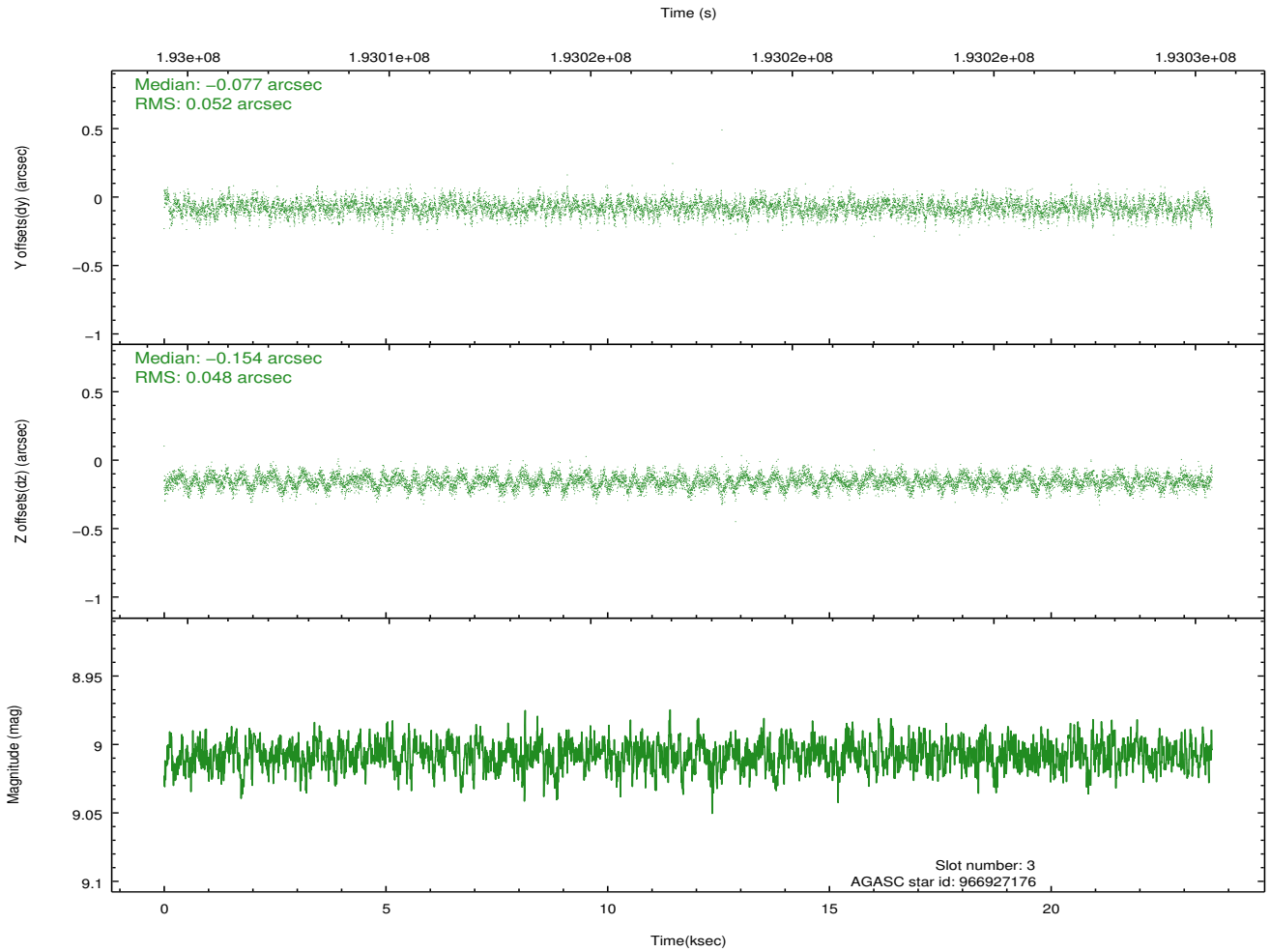
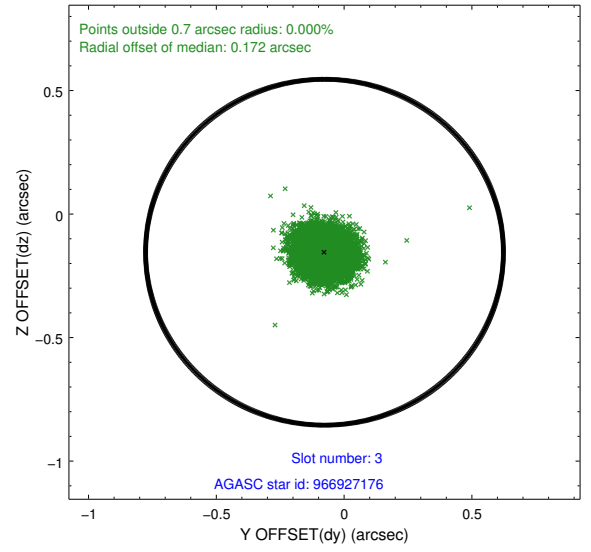
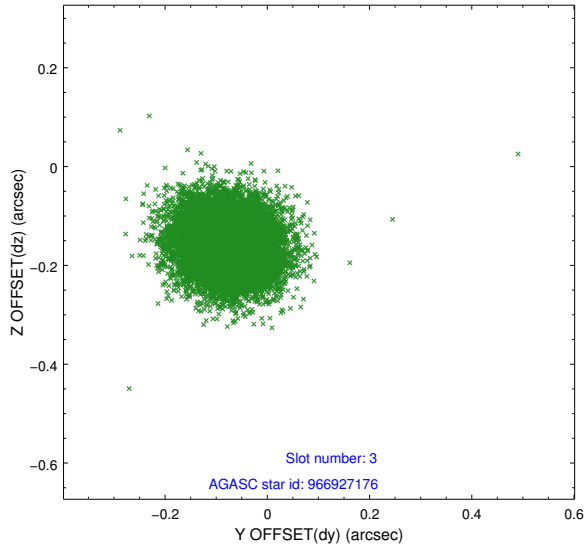


Slot Statistics

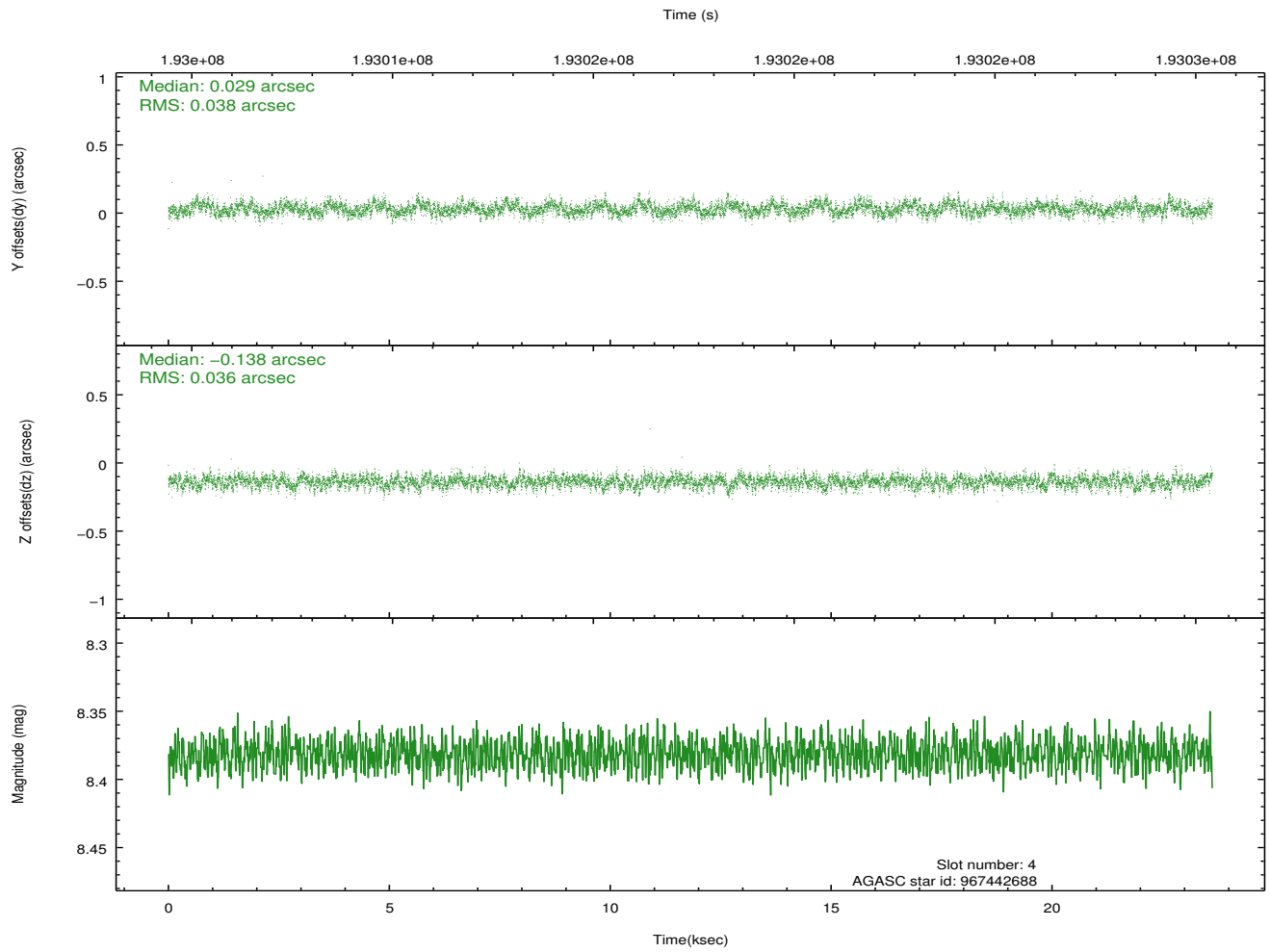
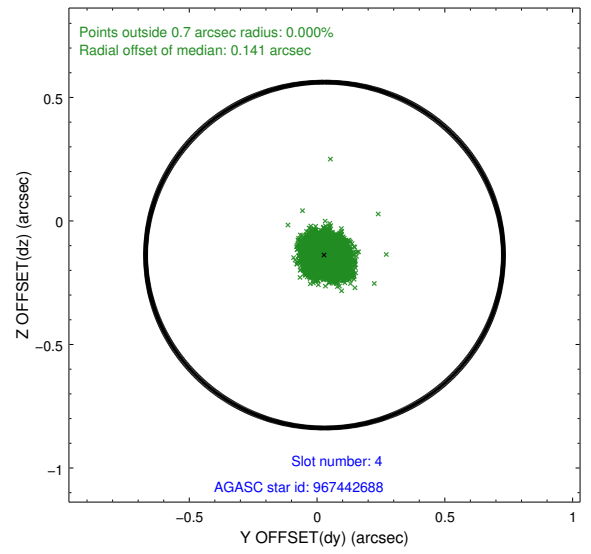
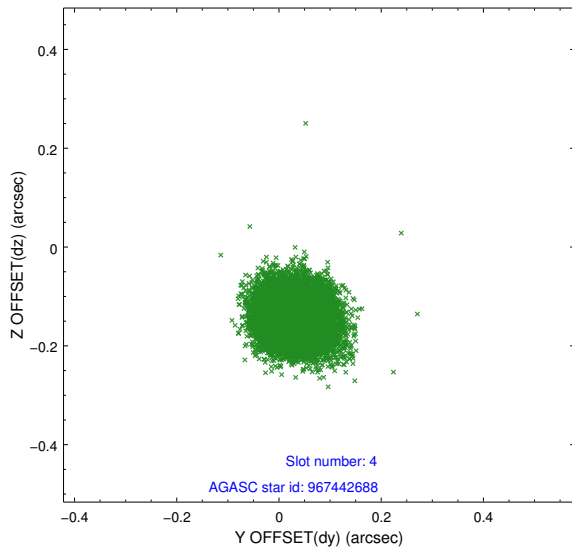
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5765	-0.032	-0.013	0.013	0.020	0.000000	0.000000	-760.35	-1732.23
1	FID	ACIS-S-4	7.20	5764	0.074	0.019	0.015	0.022	0.000000	0.000000	2152.94	176.19
2	FID	ACIS-S-5	7.23	5764	-0.073	0.003	0.009	0.014	0.000000	0.000000	-1813.09	169.94
3	GUIDE	966927176	9.01	11526	-0.077	-0.154	0.075	0.122	265.946853	-31.673679	2198.92	1789.89
4	GUIDE	967442688	8.38	11528	0.029	-0.138	0.056	0.090	266.096113	-32.373763	-347.42	1516.98
5	GUIDE	967446352	7.75	11529	0.118	0.104	0.052	0.085	267.069988	-32.671157	-1643.22	-1347.44
6	GUIDE	967450832	9.11	11525	-0.053	-0.083	0.074	0.119	266.078096	-31.879979	1429.13	1442.59
7	GUIDE	967451816	9.26	11521	-0.018	0.273	0.089	0.146	267.266669	-31.901374	1069.17	-2172.83

2.4 Star Slots

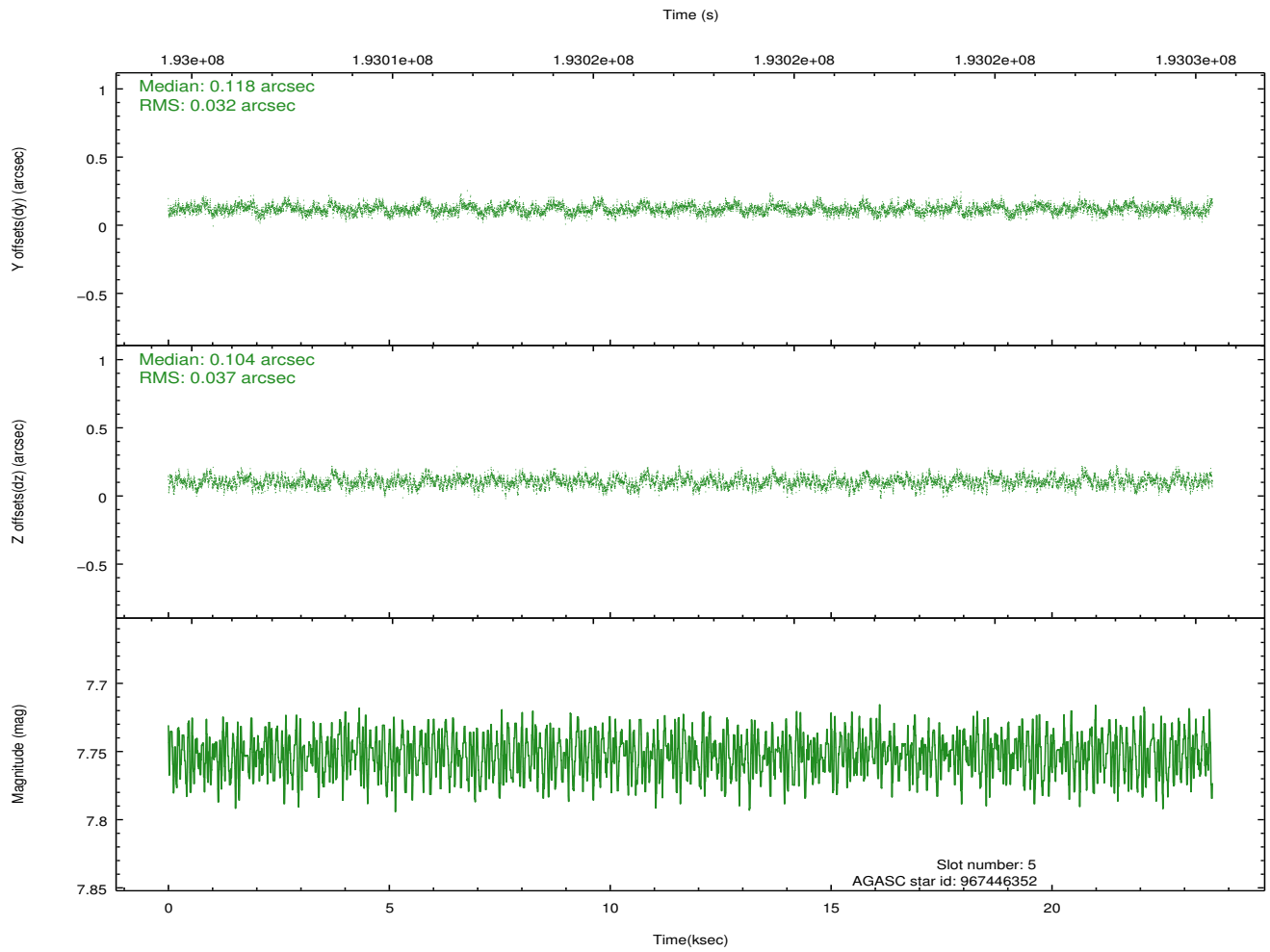
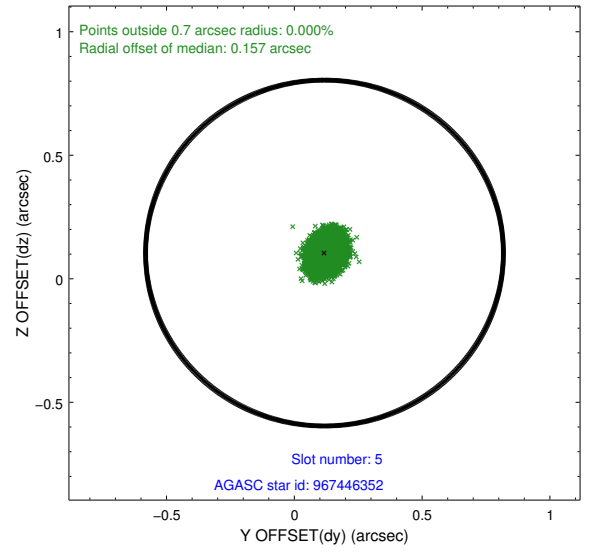
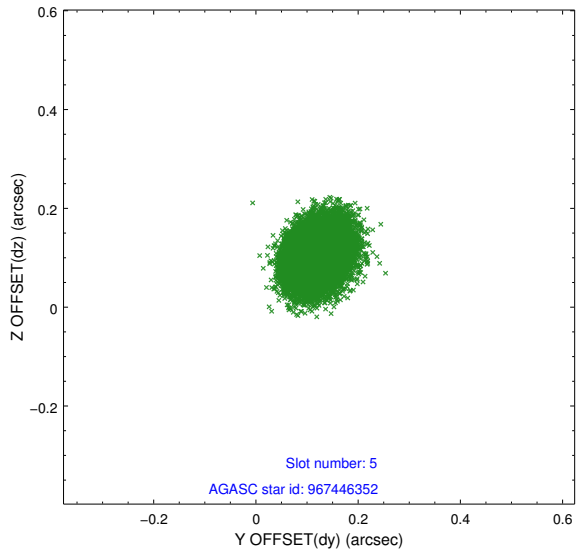
2.4.1 Slot 3



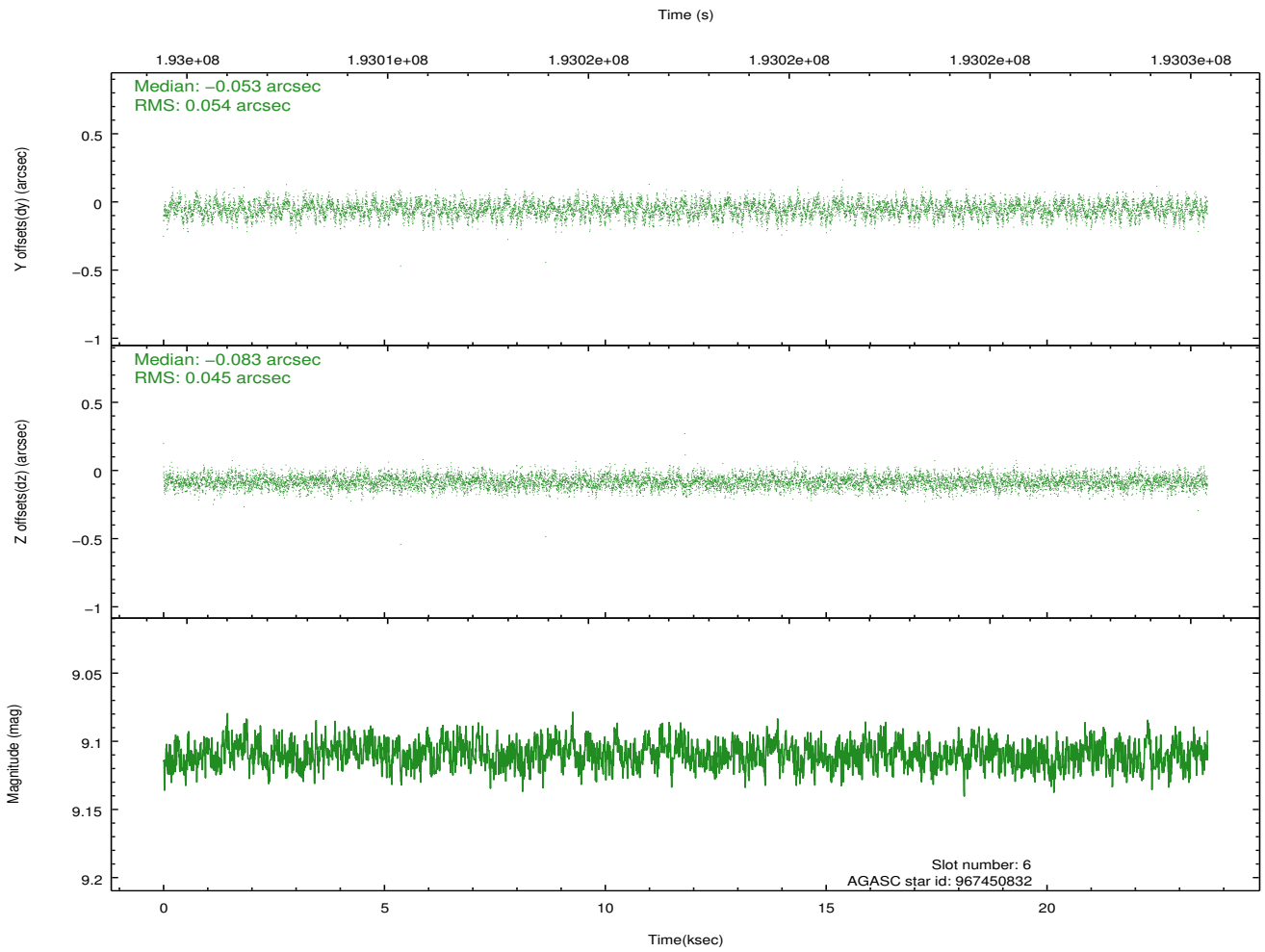
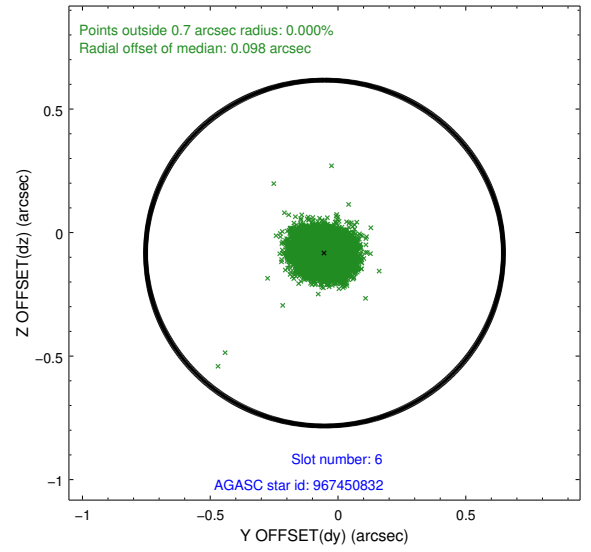
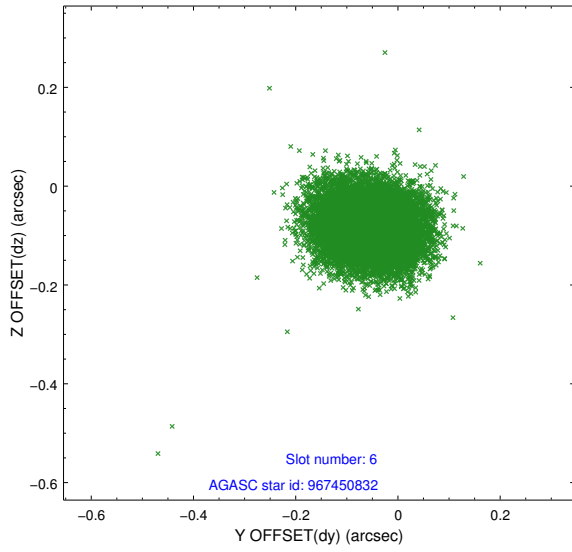
2.4.2 Slot 4



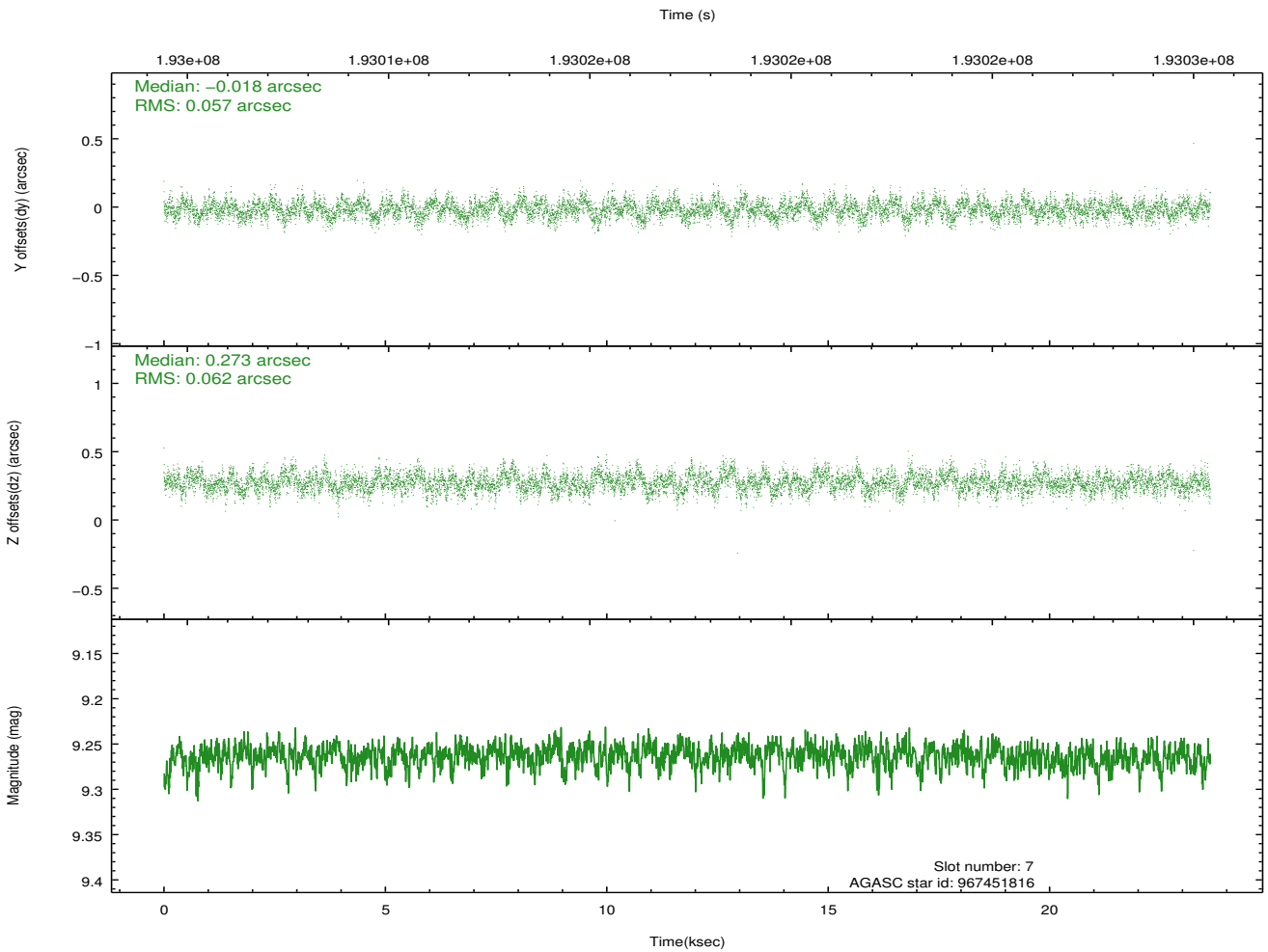
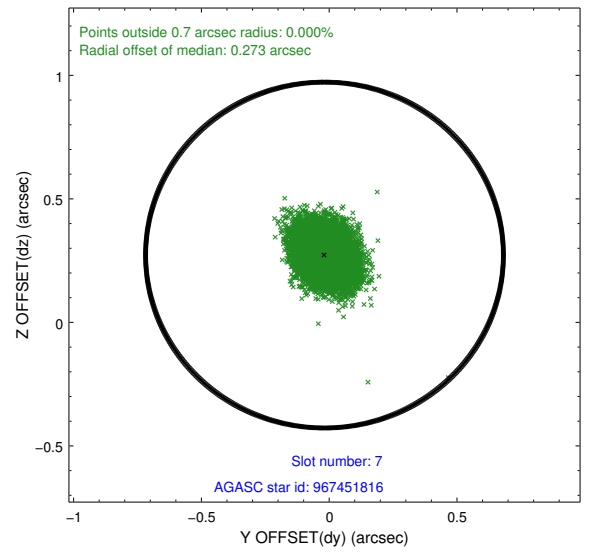
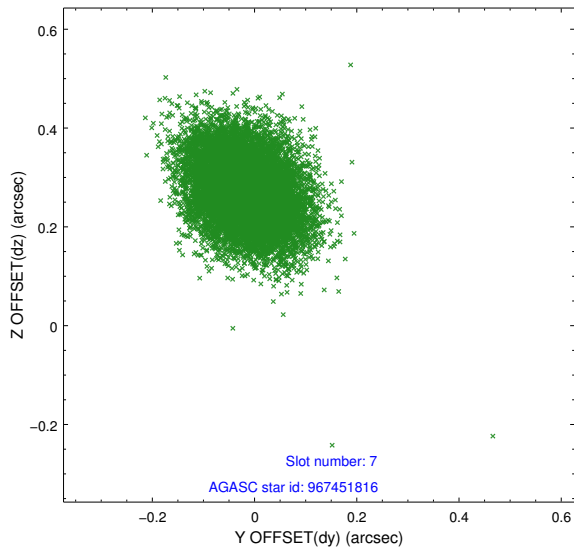
2.4.3 Slot 5



2.4.4 Slot 6

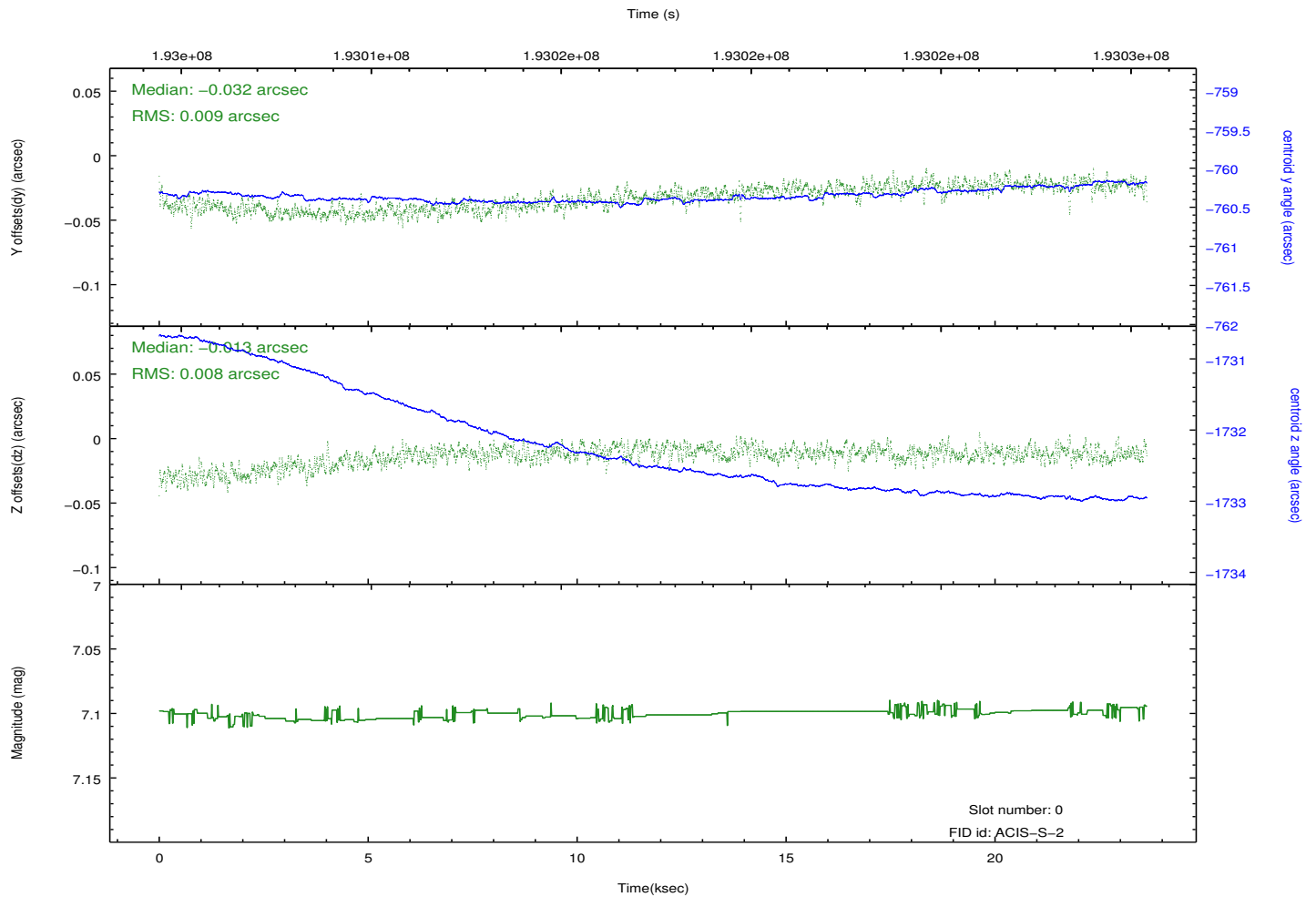
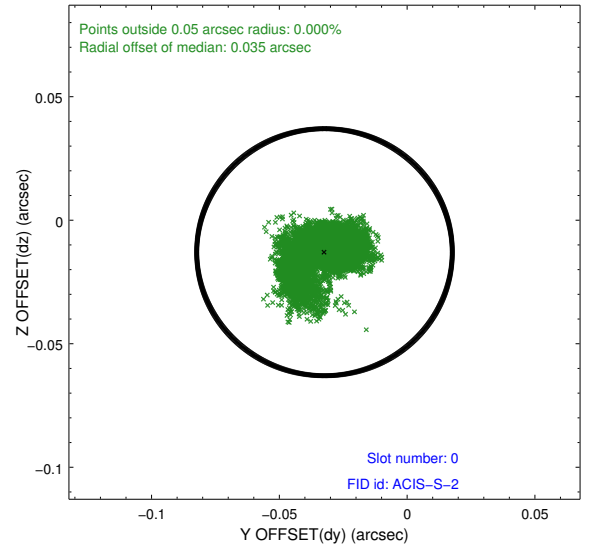
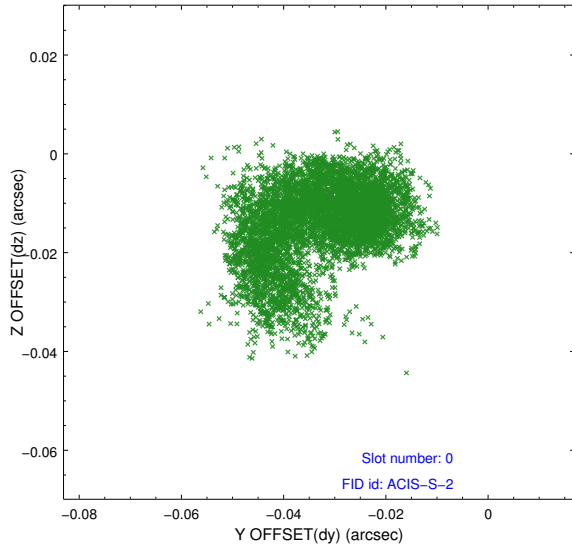


2.4.5 Slot 7

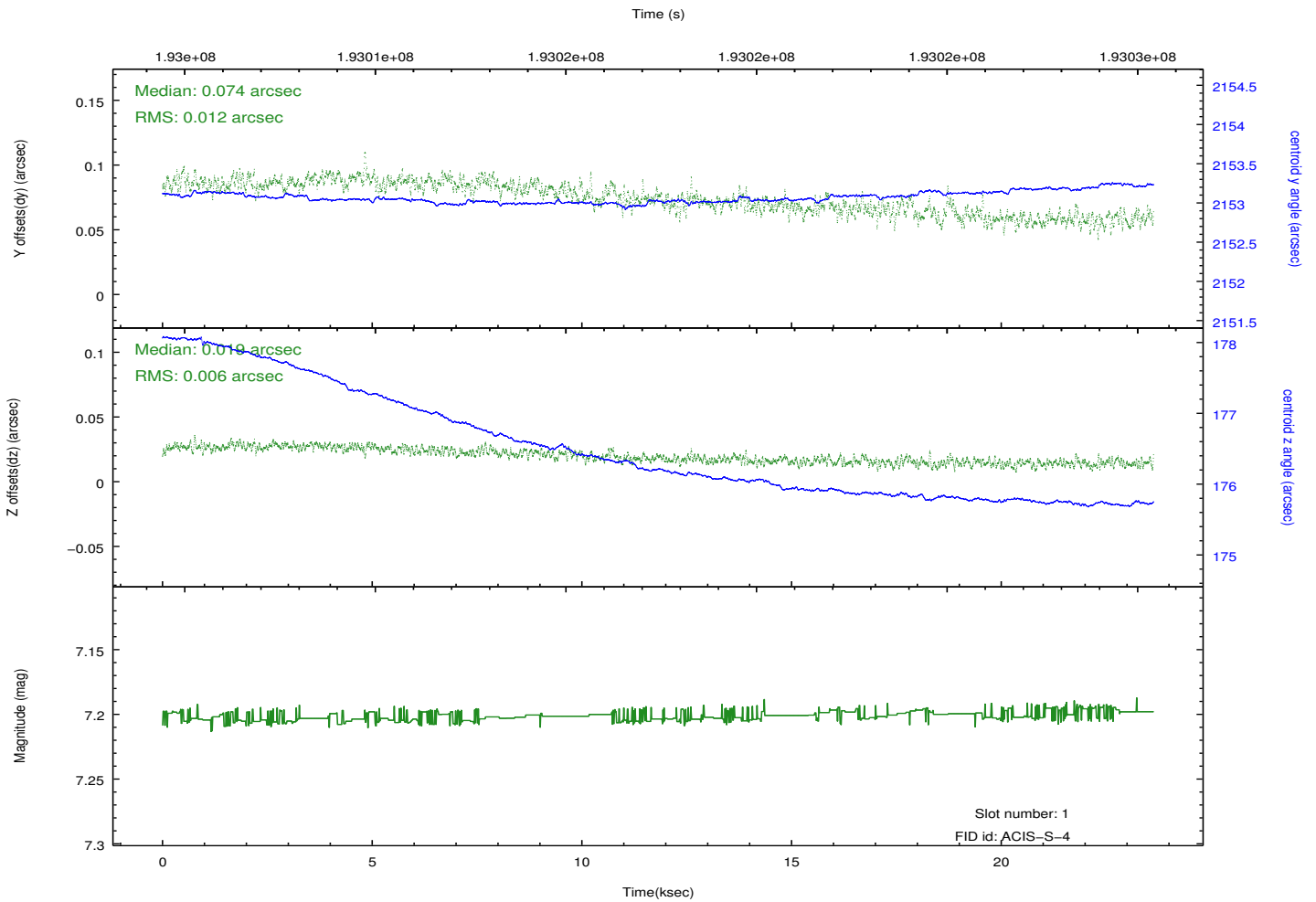
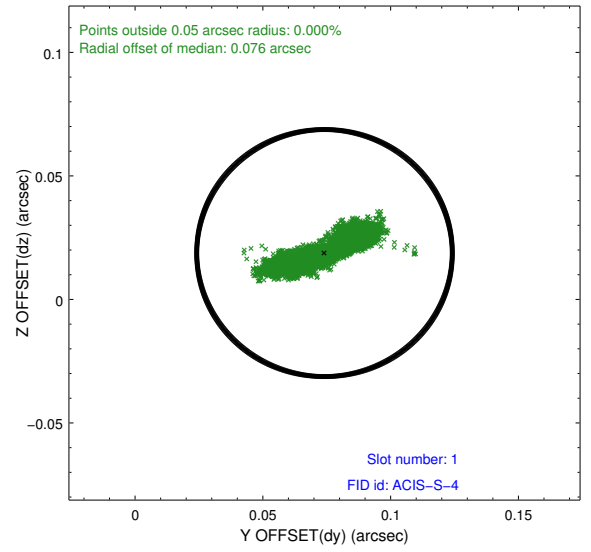
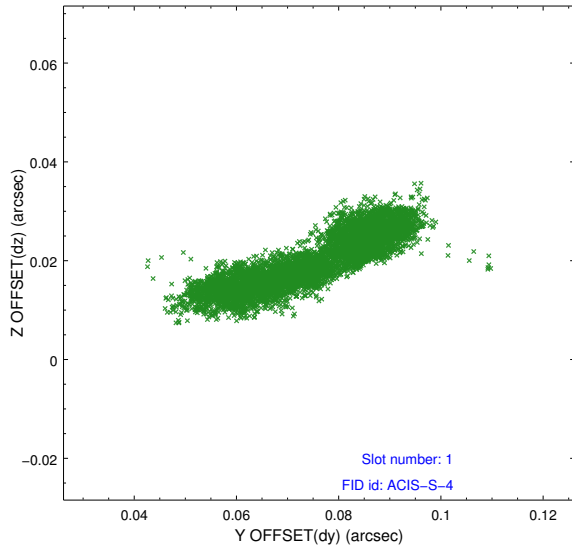


2.5 FID Slots

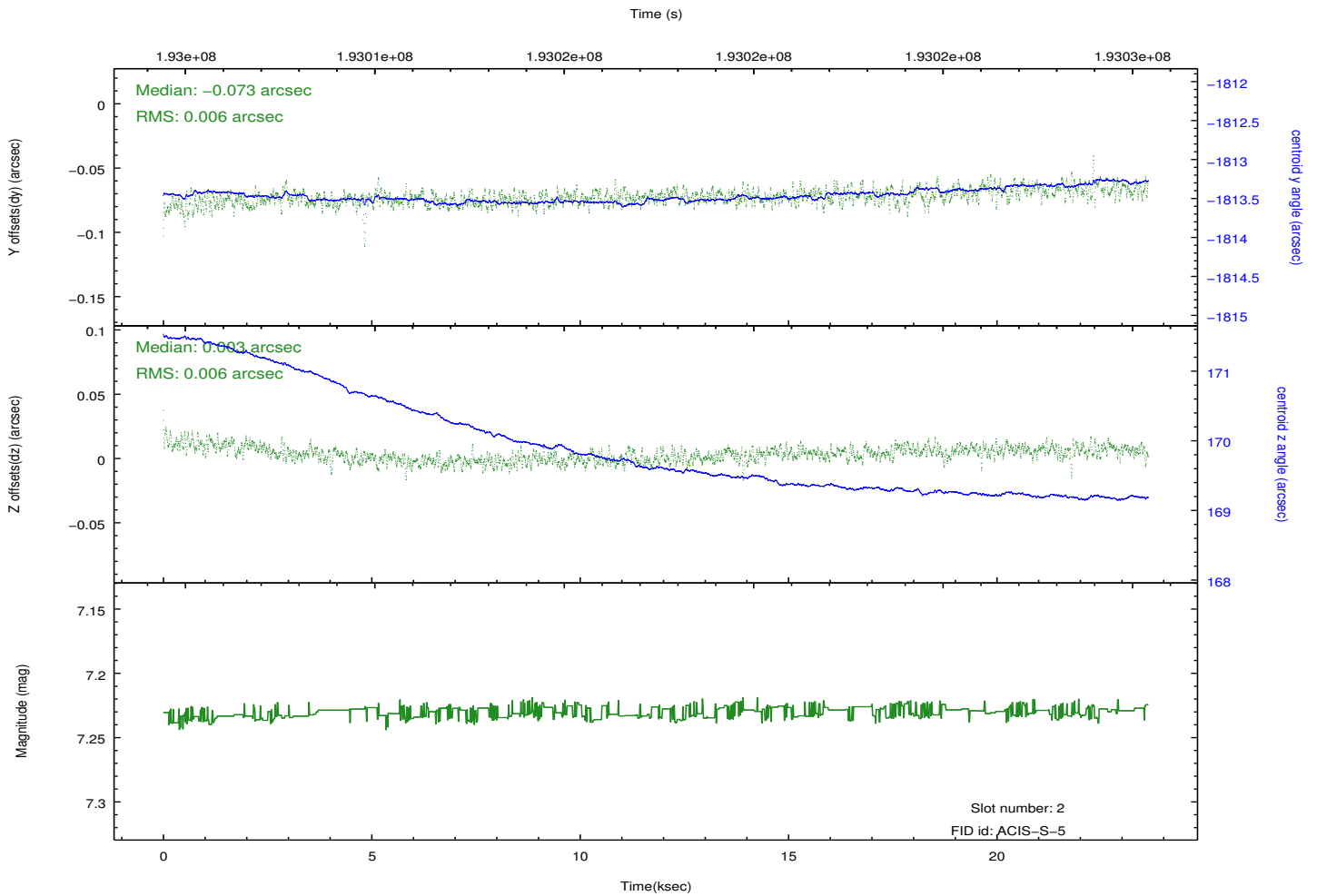
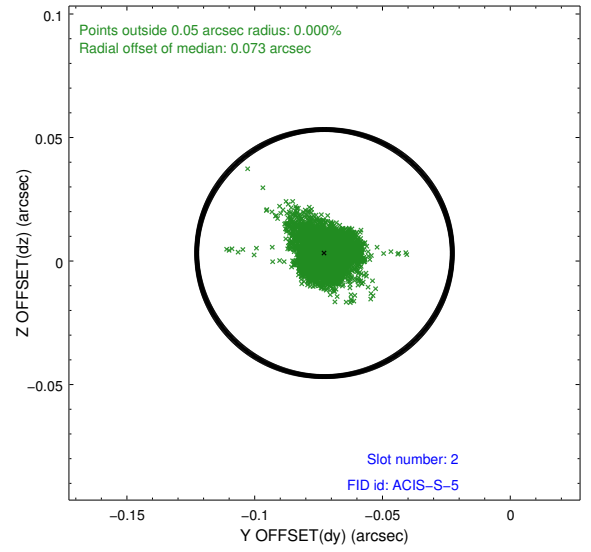
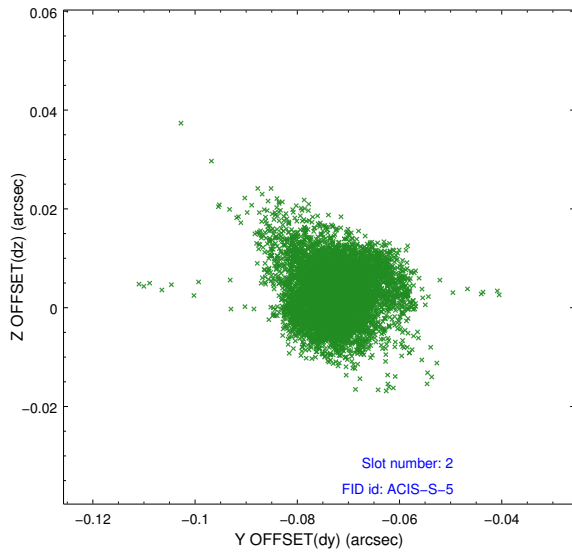
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.632

A.2 Comments

Window constraint met.