

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 807 - L2 Version 4
Chandra X-Ray Center

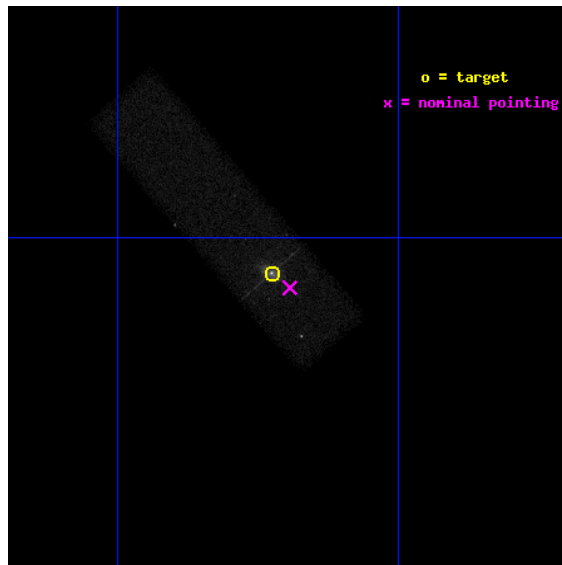
L2 Processing Date : Aug 26 2012

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1 Front

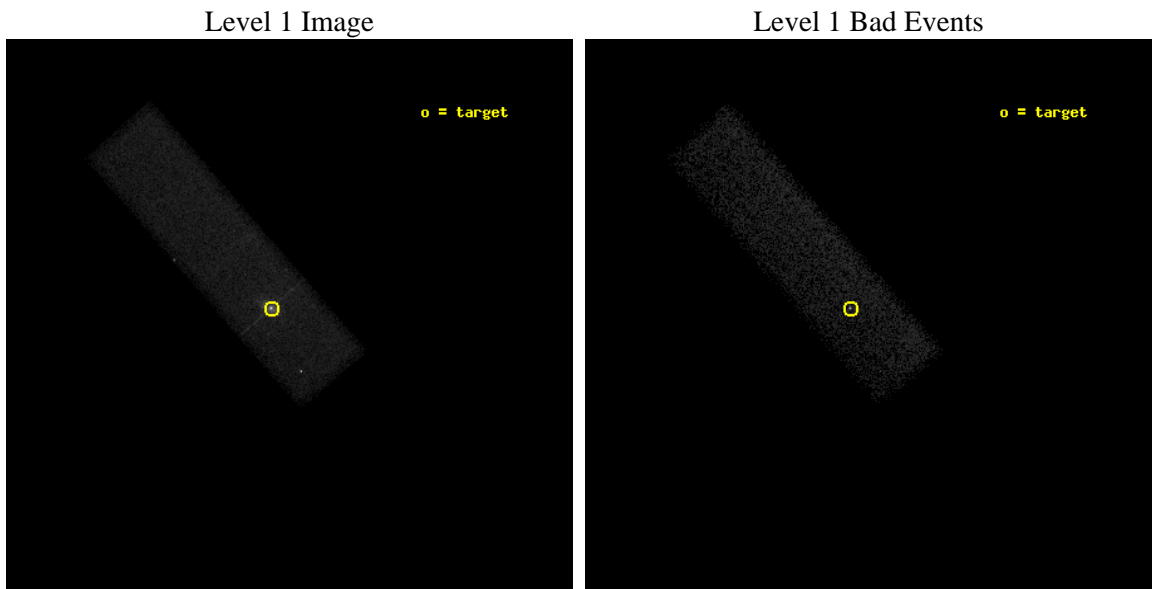
seq_num	700112	Sequence number
obs_id	807	Observation id
title	IN SEARCH OF THE CENTRAL ENGINES OF LINERS	Proposal title
observer	Prof. Michael Eracleous	Principal investigator
object	NGC 4579	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	189.43125	Observer's specified target RA [deg]
dec_targ	11.818028	Observer's specified target Dec [deg]
ra_nom	189.42323935548	Nominal RA [deg]
dec_nom	11.811842223035	Nominal Dec [deg]
roll_nom	228.83685057485	Nominal Roll [deg]
revision	4	Processing version of data
ontime	35645.558847129	Sum of GTIs [s]
livetime	33906.172212622	Livetime [s]
ontime7	35645.558847129	Sum of GTIs [s]
l2events	74384	Number of level 2 events



2 OBI

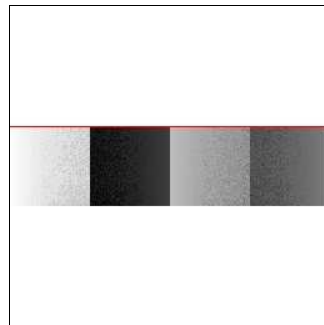
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	35000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	35645.558847129	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime7	35645.558847129	Sum of GTIs [s]
date	2012-08-26T21:23:28	Date and time of file creation	l1events	123409	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

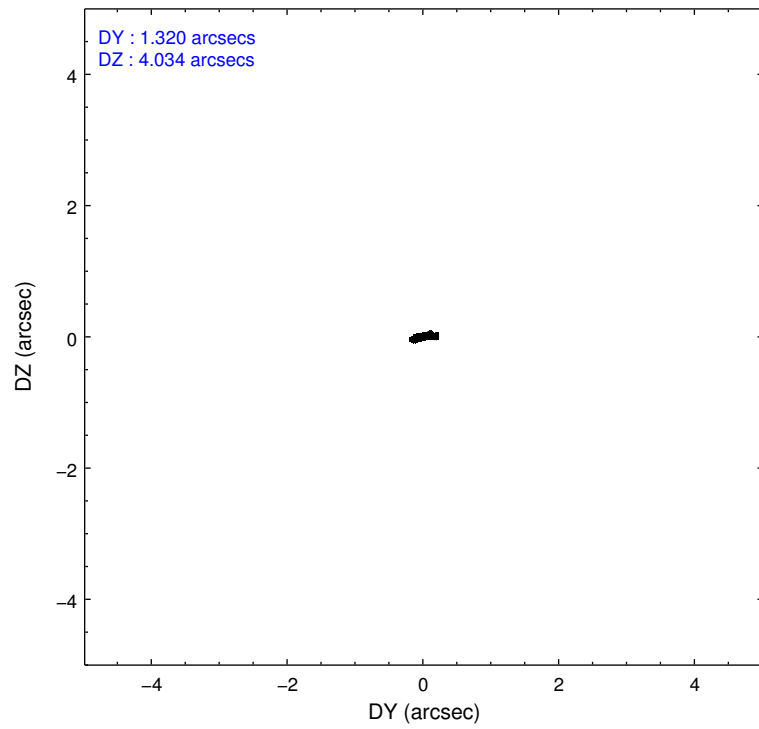
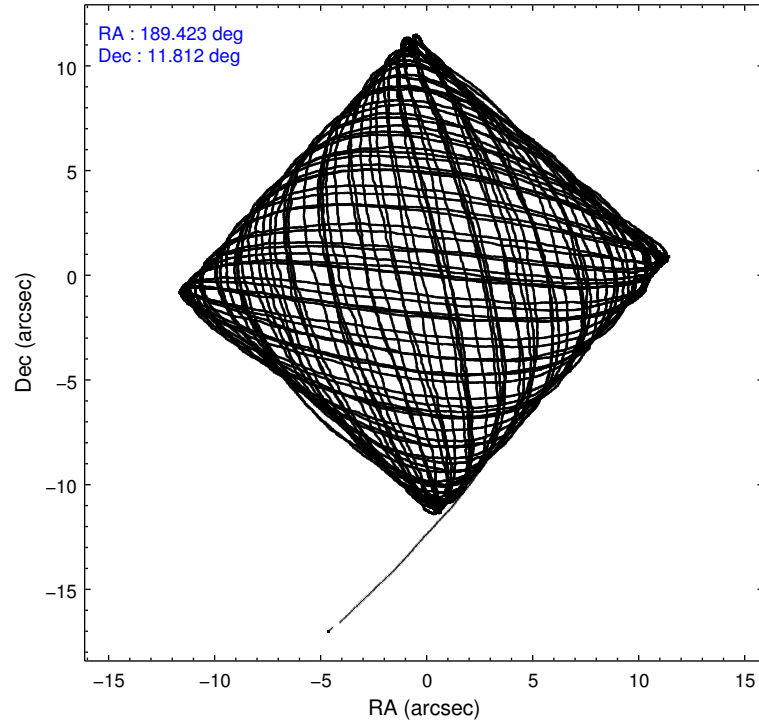
	ccd 7
level 1 events	123409
rejected events	47688
rejected %	38%

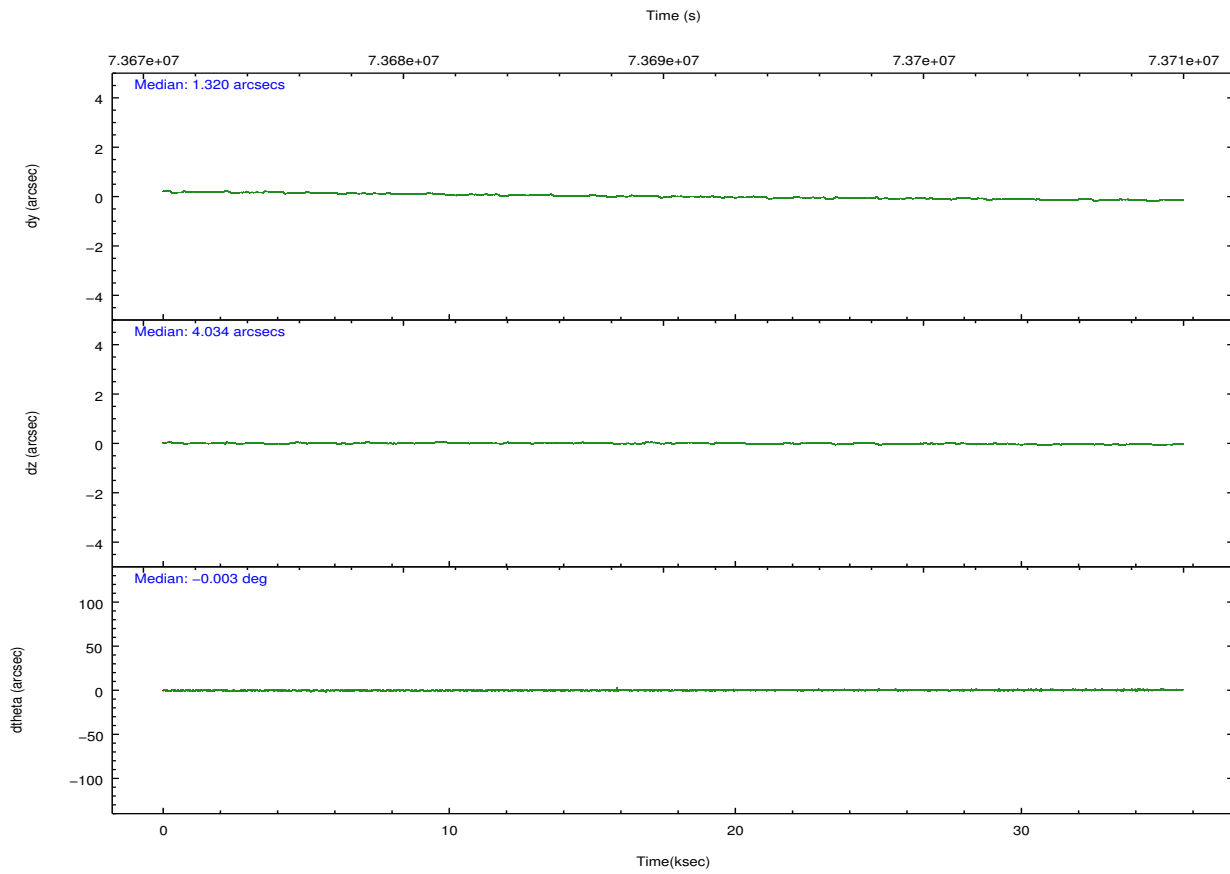
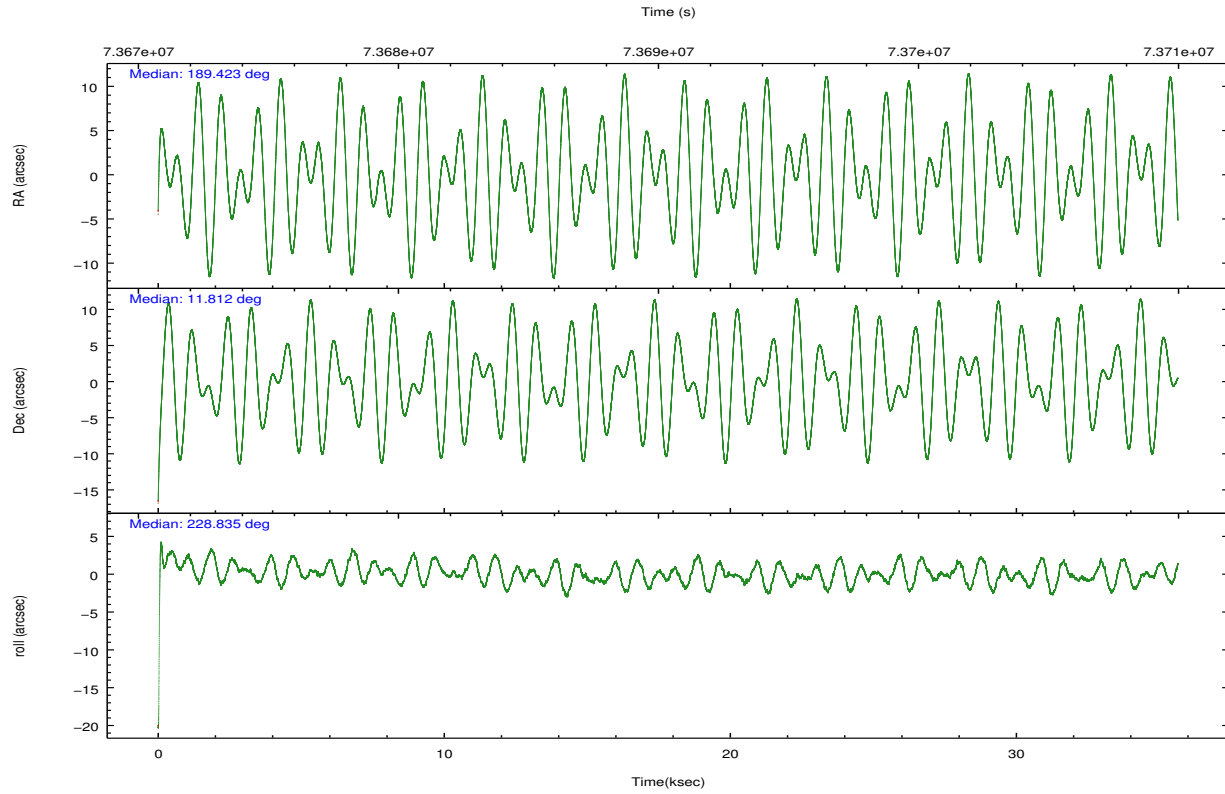
	ccd 7
grade 0 events	15110
	12%
grade 1 events	728
	0%
grade 2 events	16838
	13%
grade 3 events	8629
	6%
grade 4 events	8367
	6%
grade 5 events	10137
	8%
grade 6 events	27074
	21%
grade 7 events	36526
	29%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	189.428556	189.4232393554752	Subarray requested	CUSTOM	CUSTOM
[deg] Pointing Dec	11.838761	11.81184222303518	Subarray start row	385	385
[deg] Pointing Roll	228.679145	228.8368505748547	Subarray row count	255	255
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	73673191.184000	73672004.588687			
Observation start date	2000-05-02T16:45:27	2000-05-02T16:26:44			
[s] Observation end time (MET)	73708191.184000	73708926.627542			
Observation end date	2000-05-03T02:28:47	2000-05-03T02:42:06			
Read mode	TIMED	TIMED			

2.3 Aspect



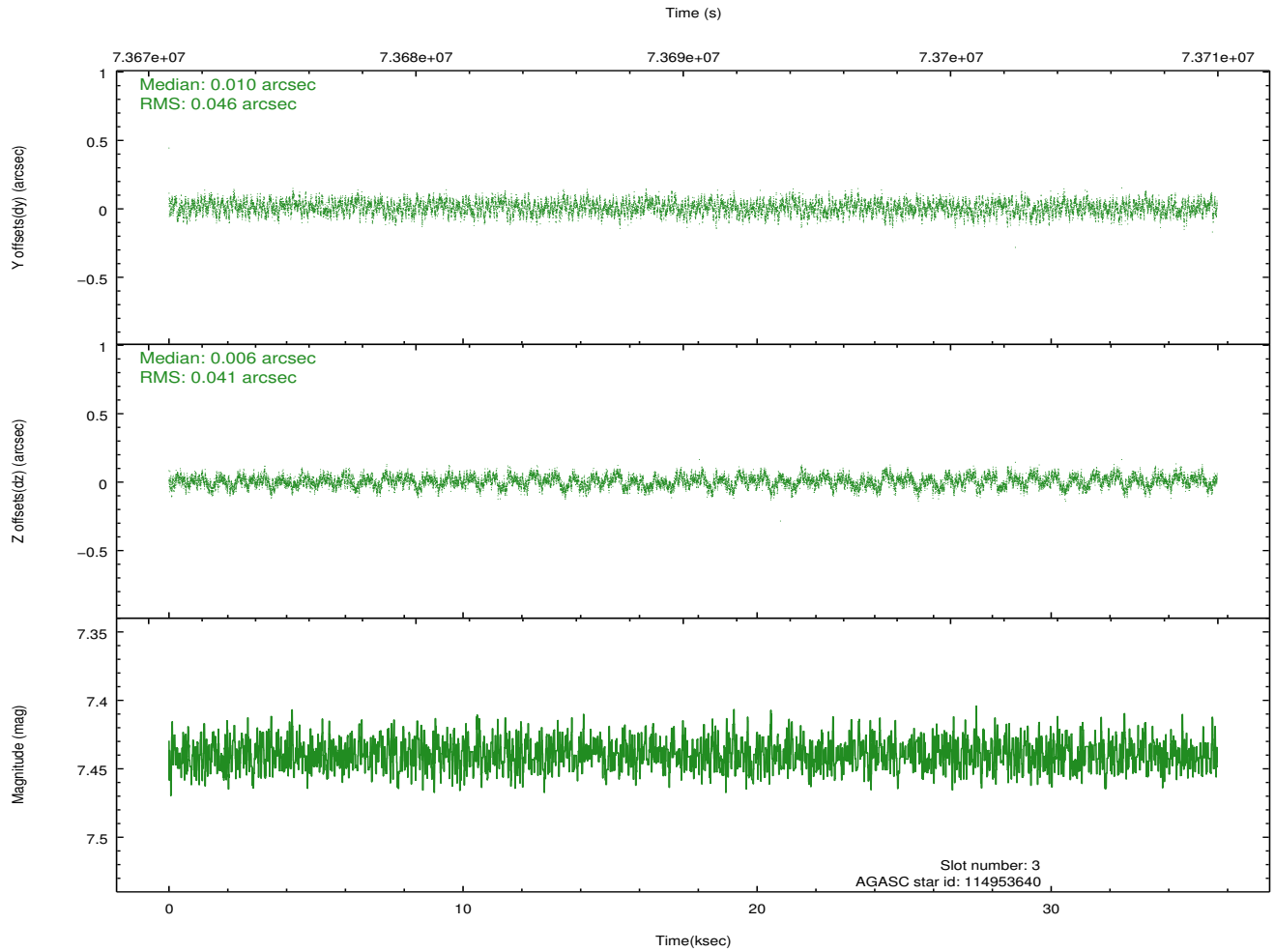
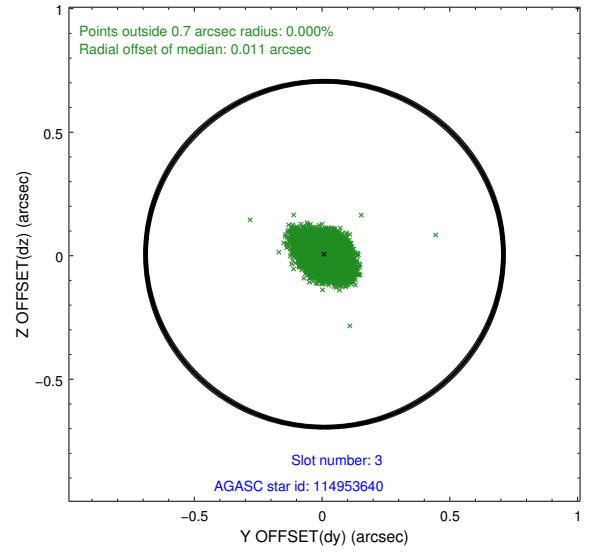
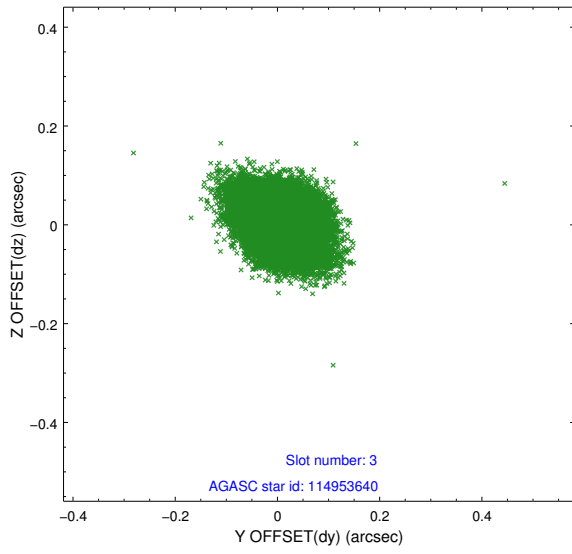


Slot Statistics

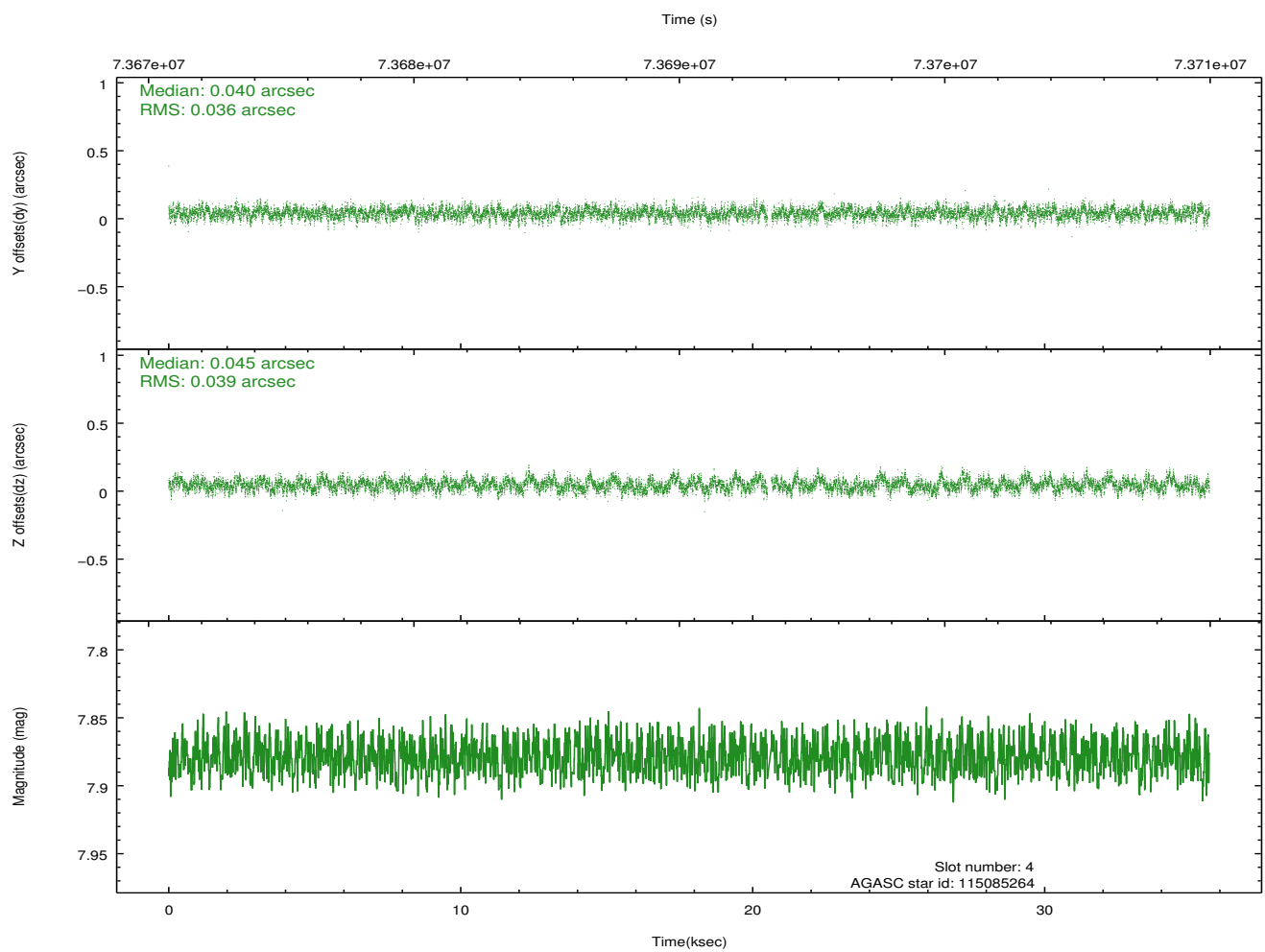
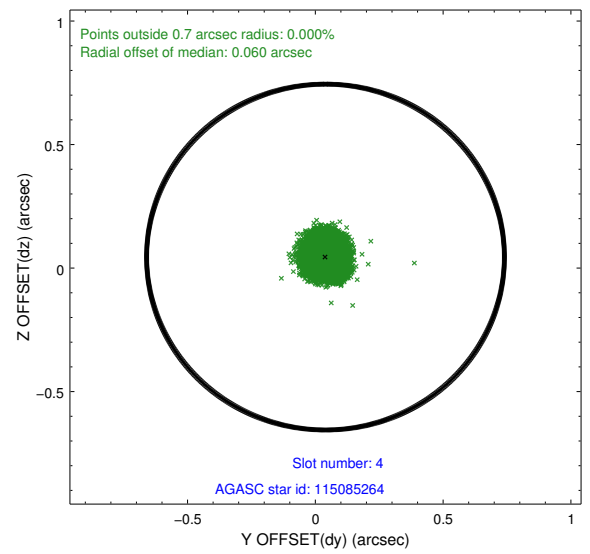
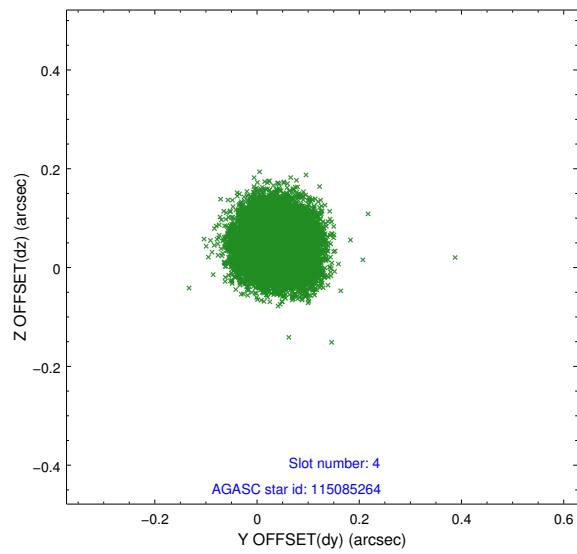
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	8692	-0.014	-0.016	0.006	0.011	0.000000	0.000000	-753.97	-1725.07
1	FID	ACIS-S-4	7.21	8691	-0.004	0.011	0.006	0.010	0.000000	0.000000	2159.33	183.36
2	FID	ACIS-S-5	7.23	8694	-0.013	0.014	0.006	0.011	0.000000	0.000000	-1806.73	177.14
3	GUIDE	114953640	7.44	17387	0.010	0.006	0.066	0.105	188.794711	11.547726	2261.55	-988.72
4	GUIDE	115085264	7.88	17321	0.040	0.045	0.057	0.091	189.302301	11.817775	350.95	-284.12
5	GUIDE	115086528	8.96	17377	-0.047	-0.051	0.075	0.119	189.286111	12.182164	-597.21	-1192.73
6	GUIDE	115085768	9.94	17383	0.001	-0.008	0.106	0.181	189.167689	11.938344	337.46	-926.95
7	GUIDE	115089520	9.63	17380	-0.005	0.012	0.125	0.204	189.892491	12.217562	-2102.62	324.67

2.4 Star Slots

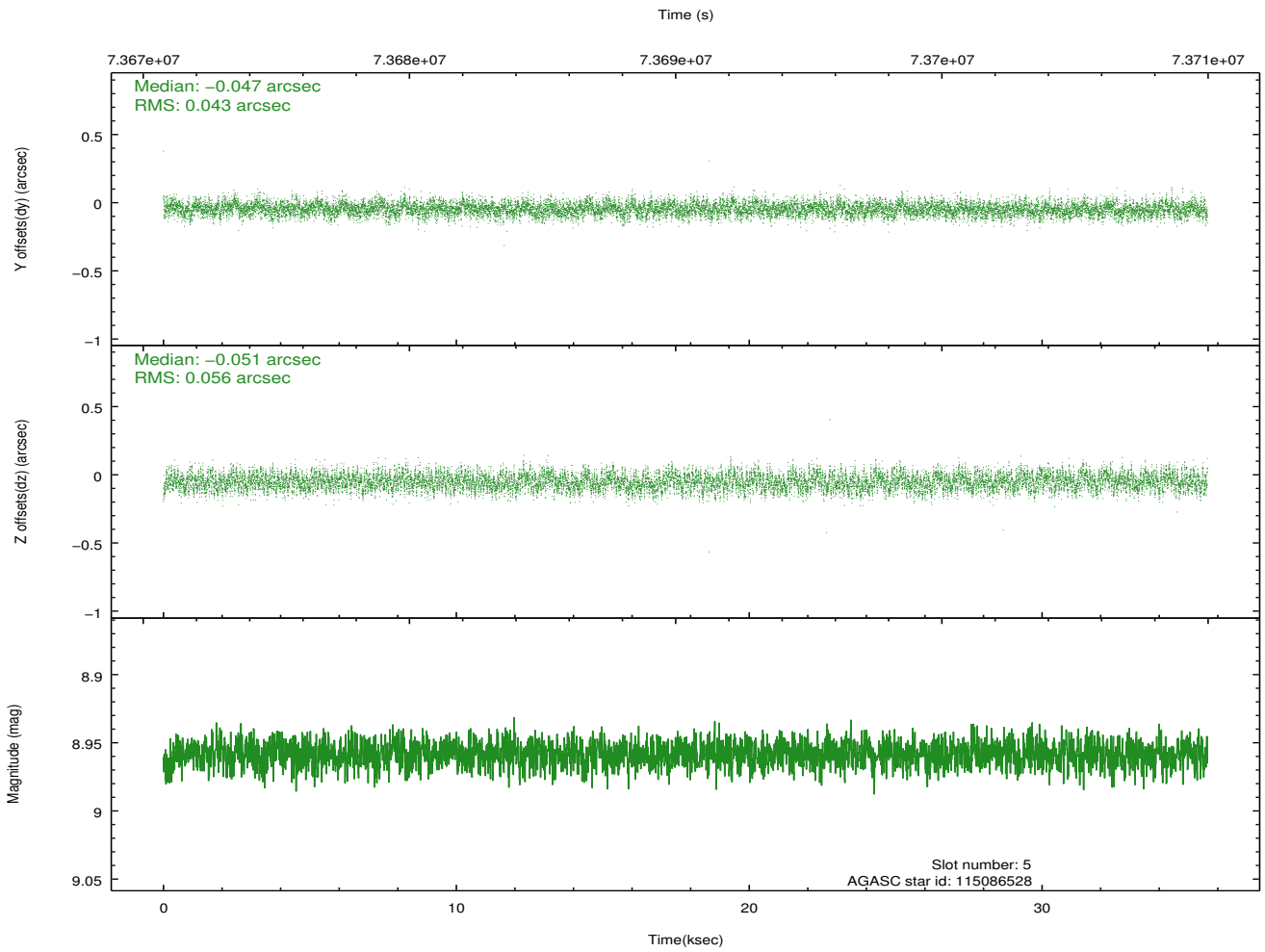
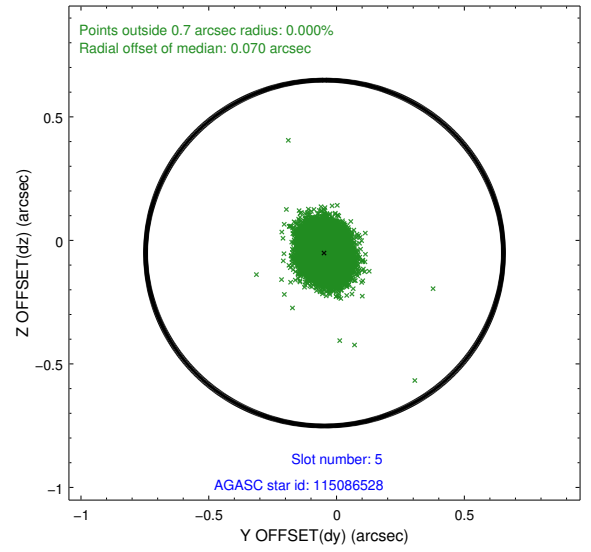
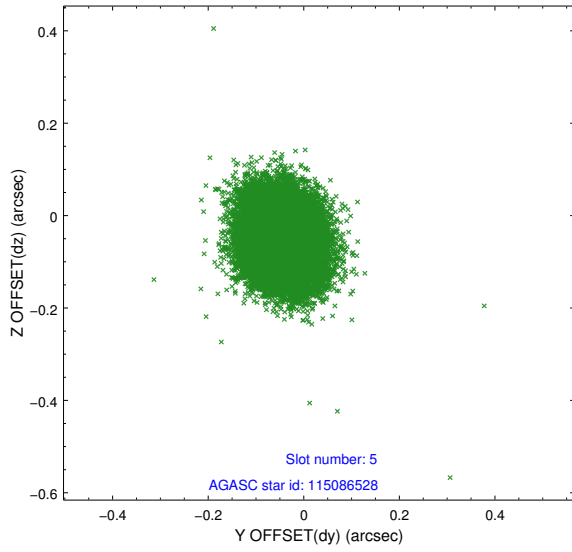
2.4.1 Slot 3



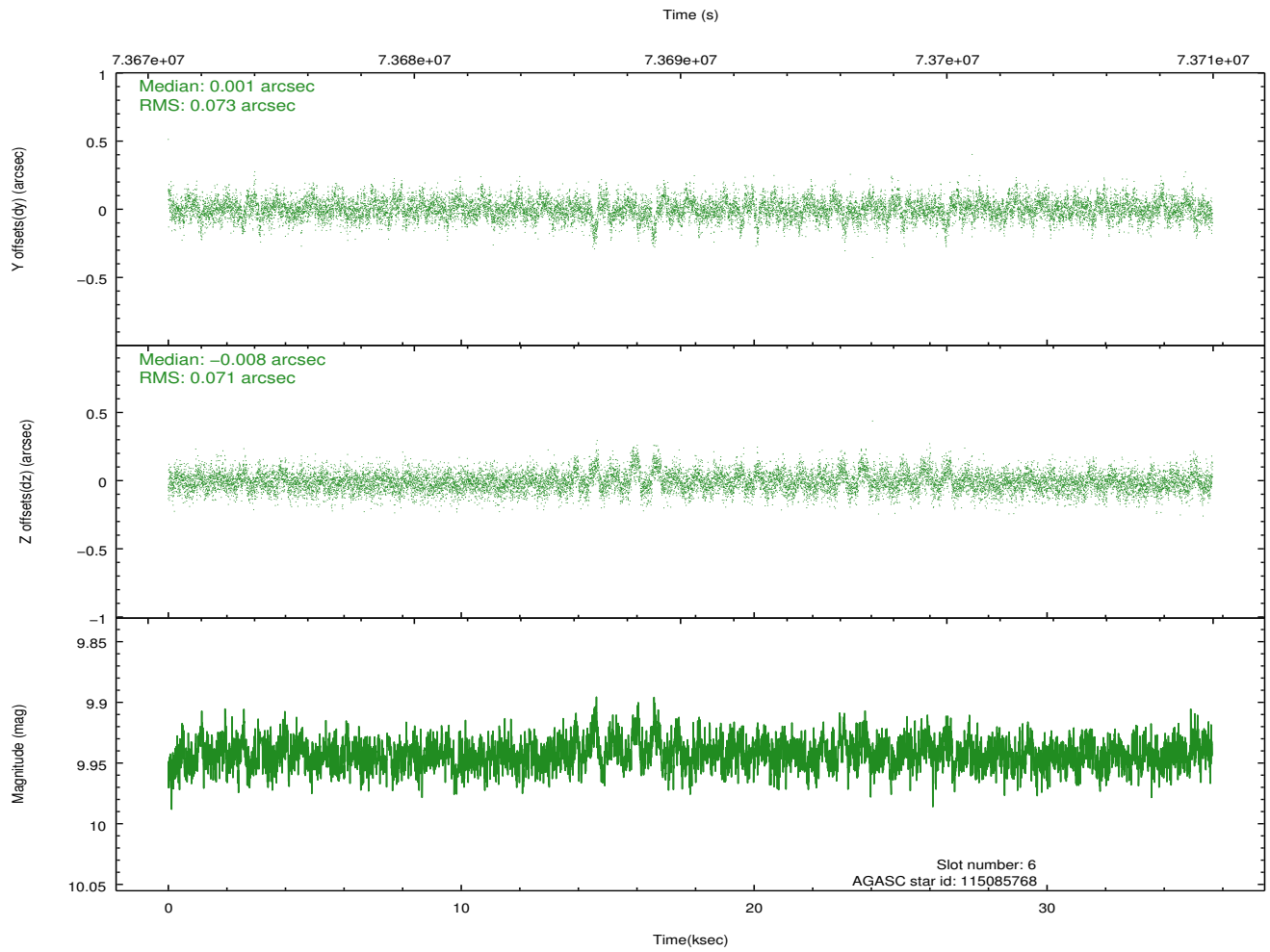
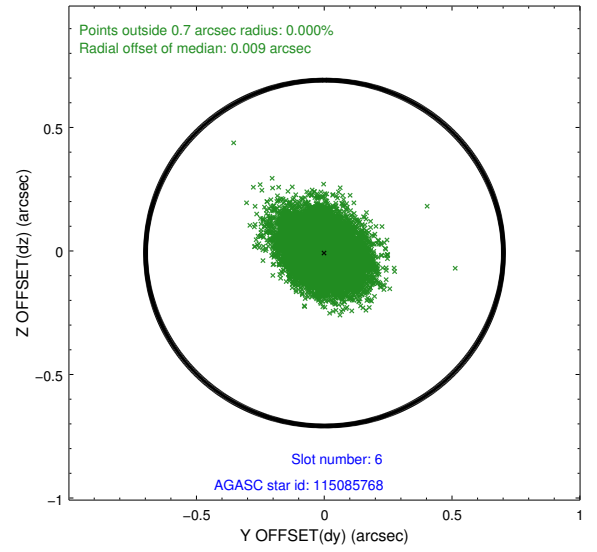
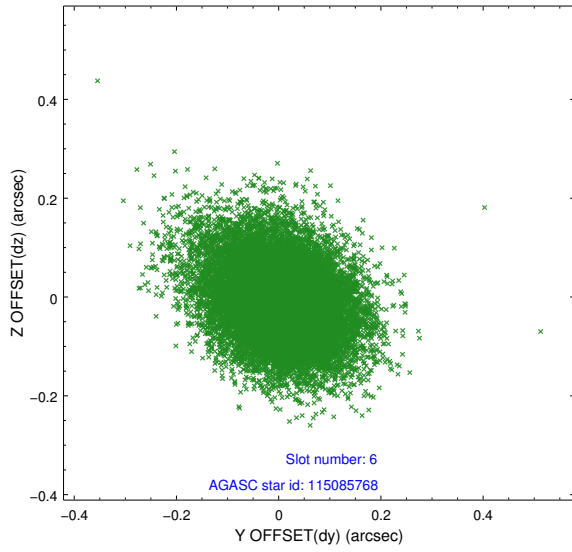
2.4.2 Slot 4



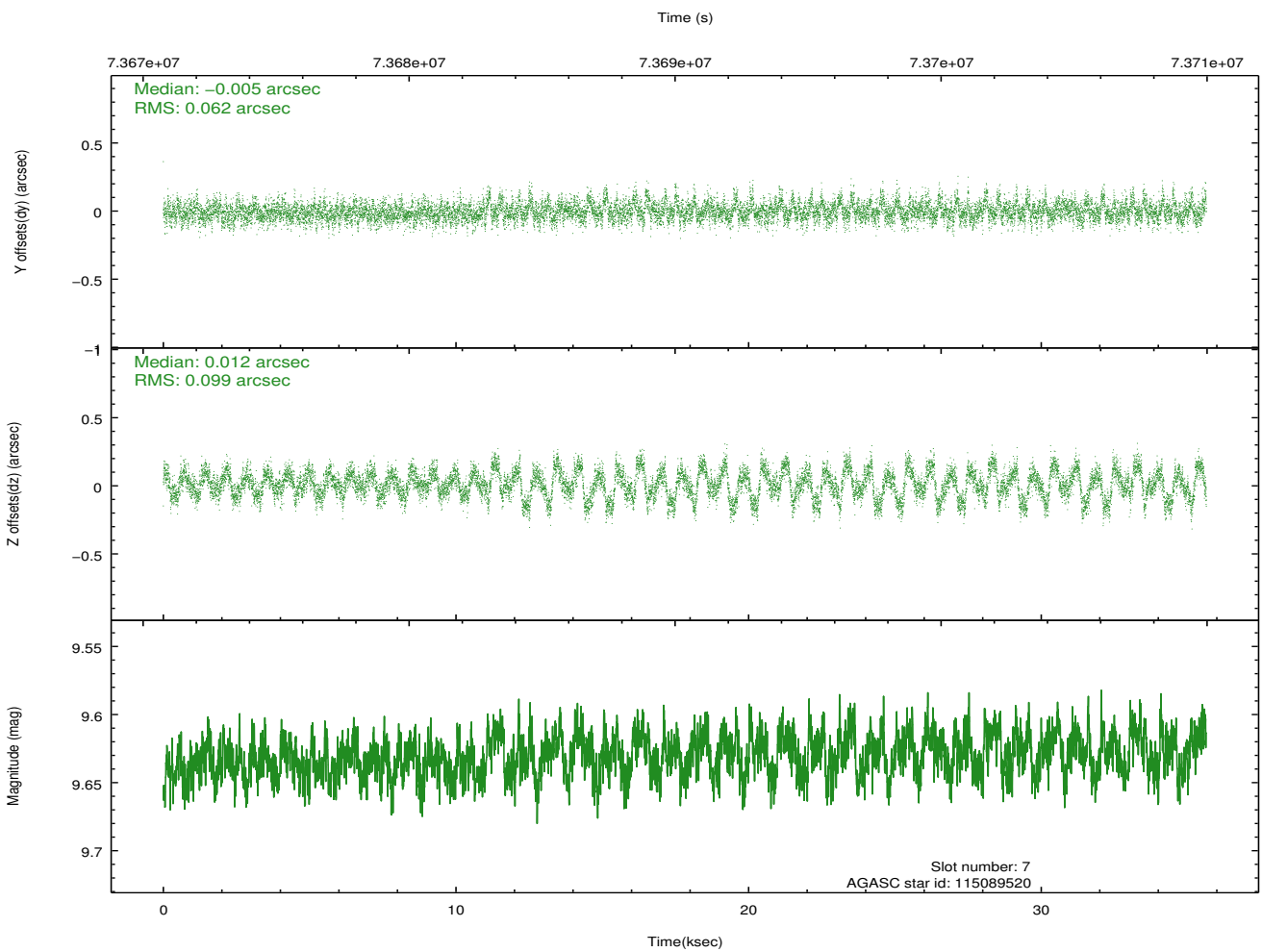
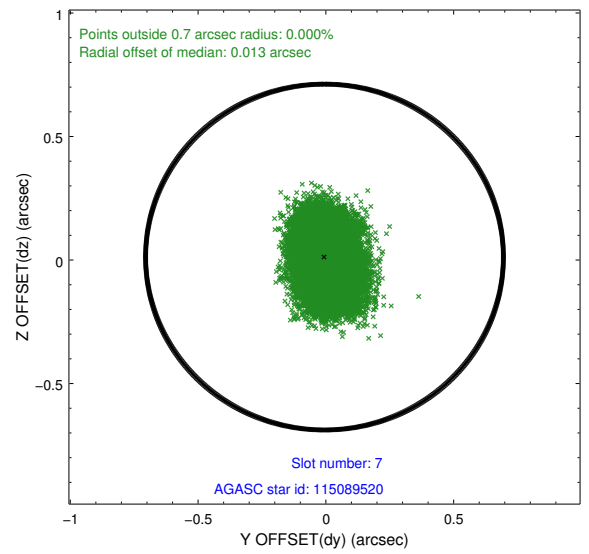
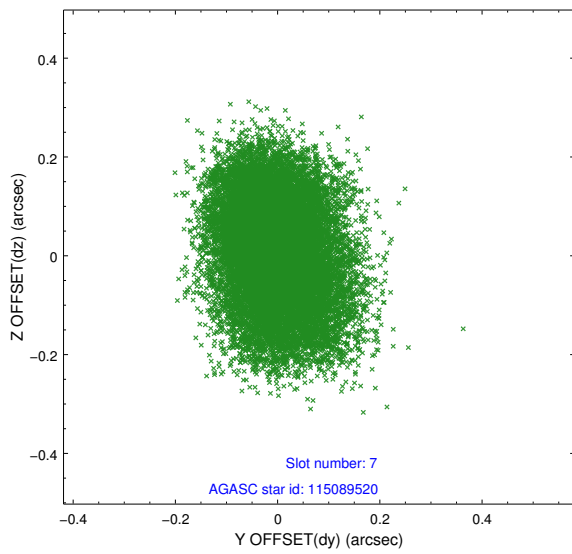
2.4.3 Slot 5



2.4.4 Slot 6

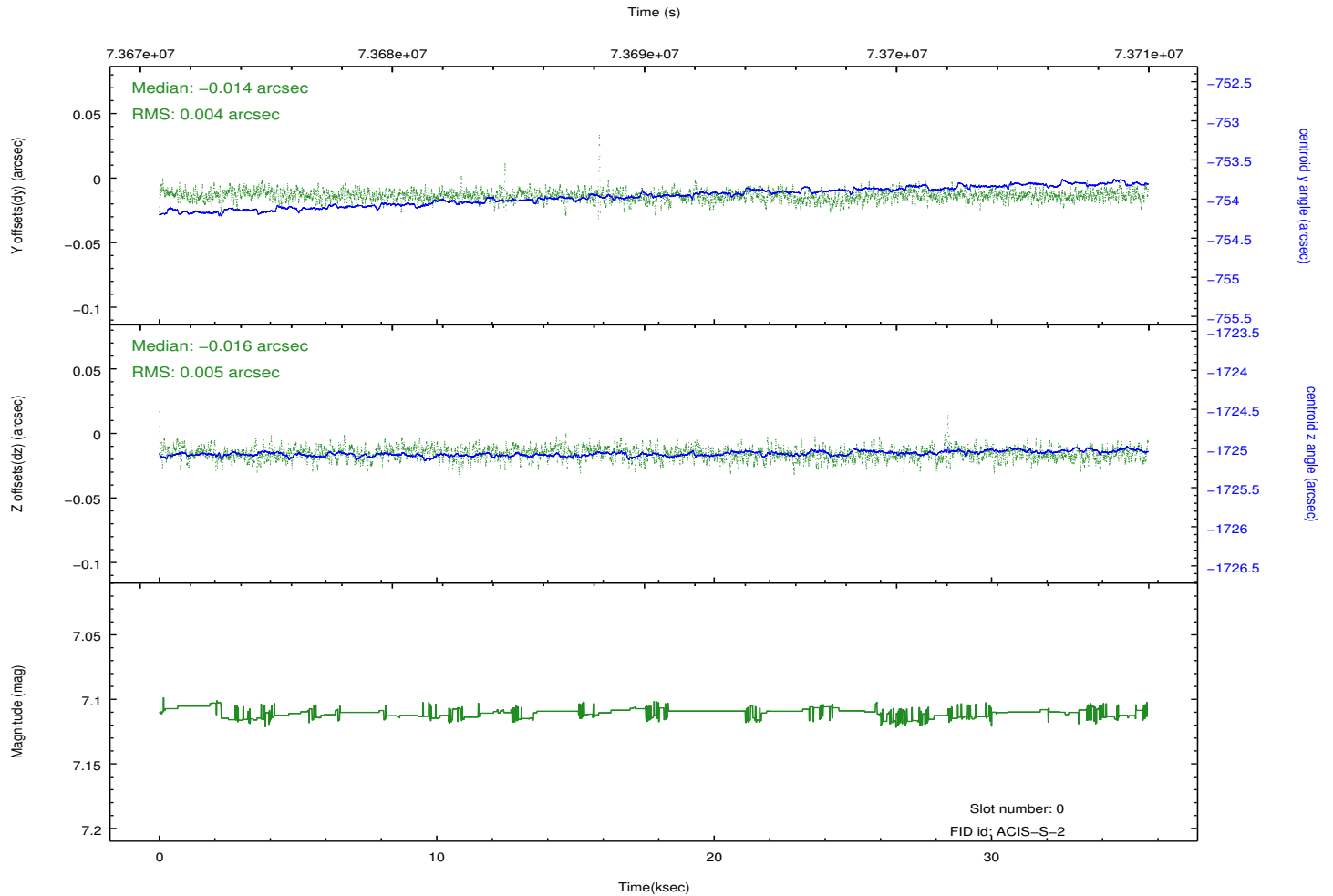
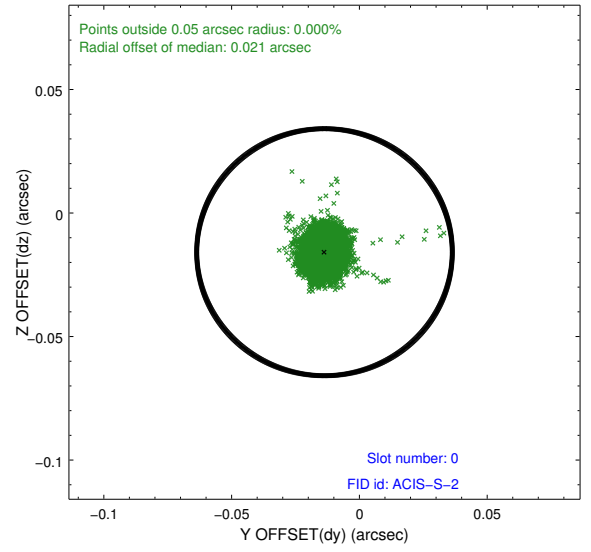
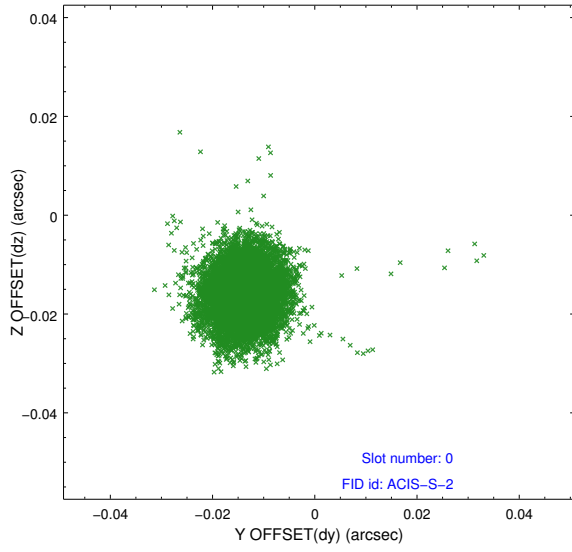


2.4.5 Slot 7

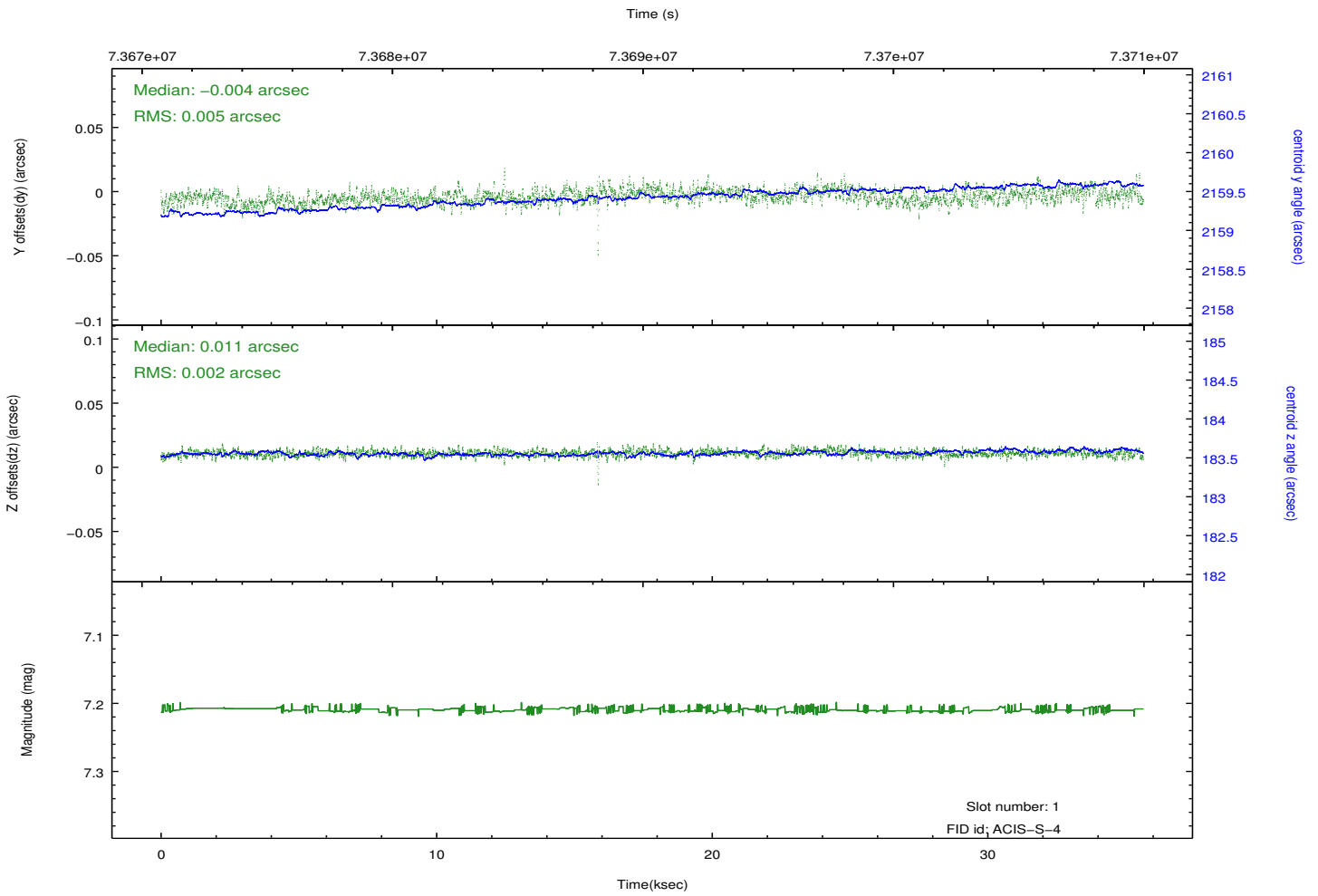
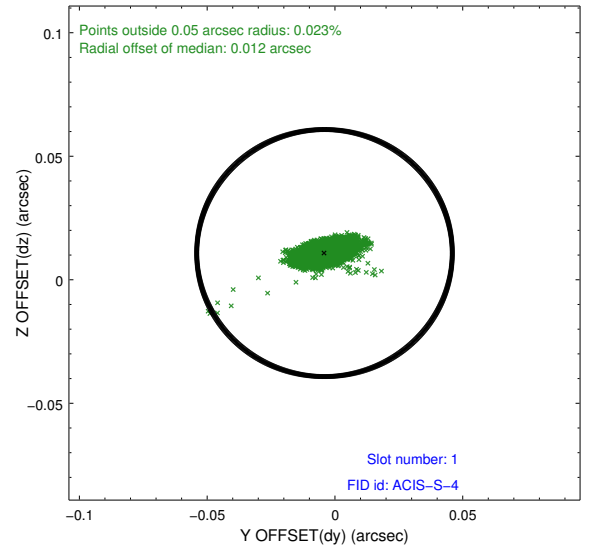
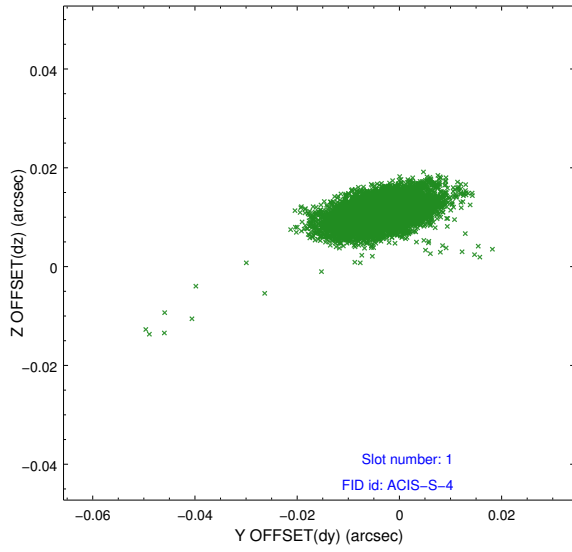


2.5 FID Slots

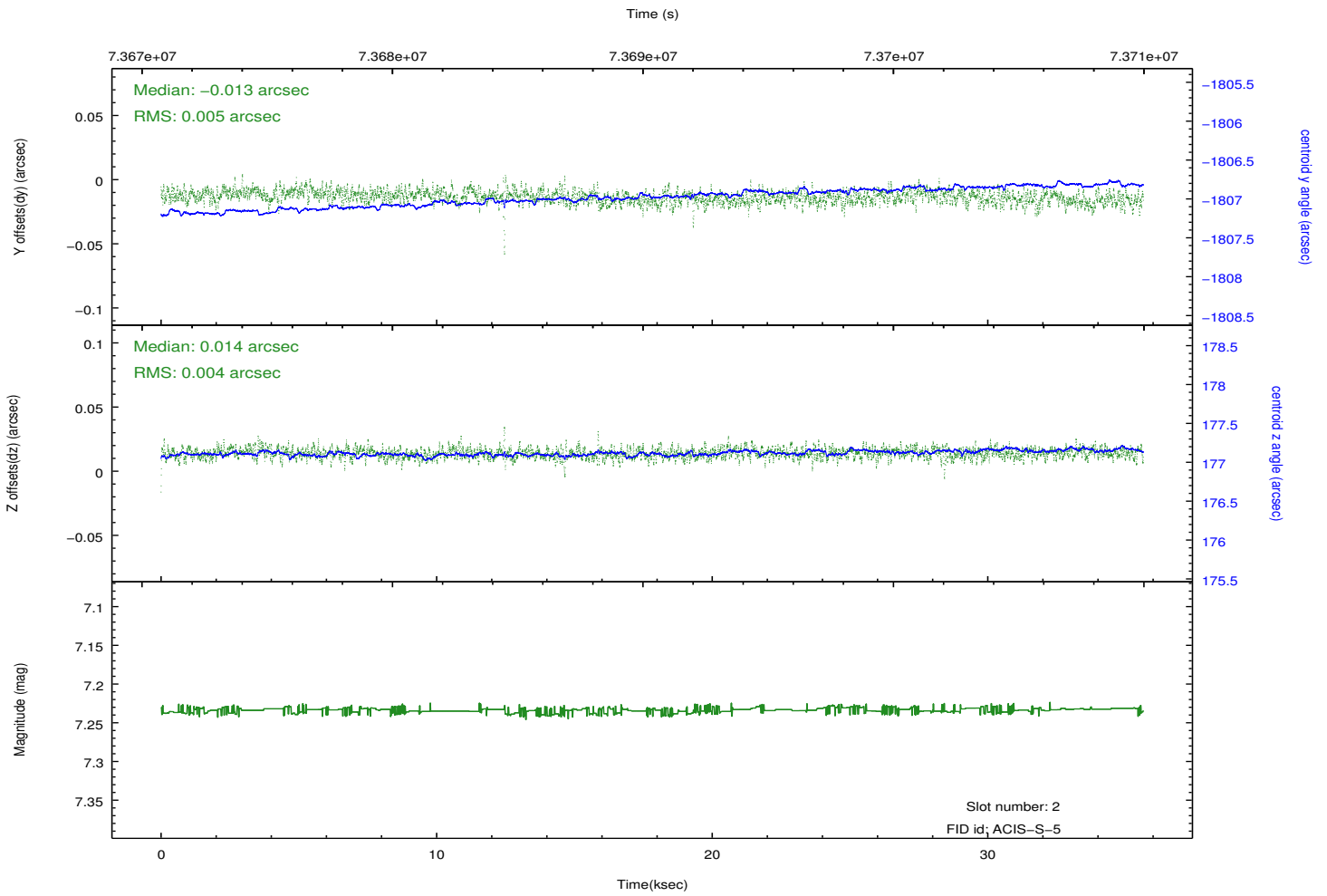
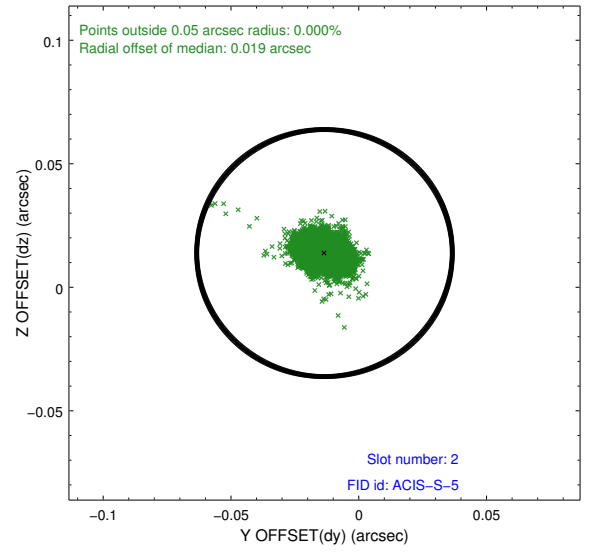
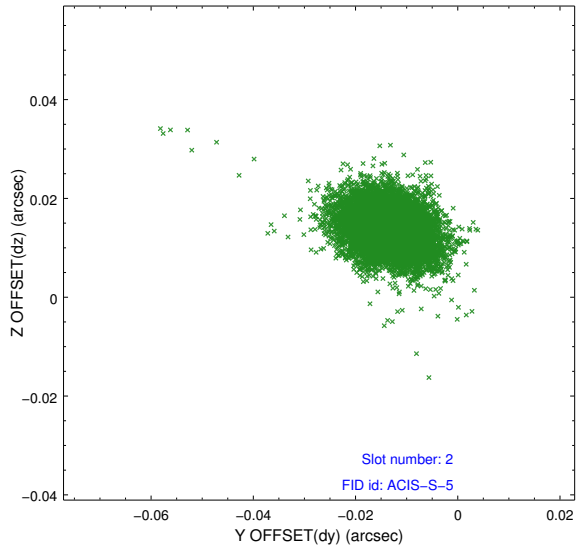
2.5.1 Slot 0



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)	2012.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.643

A.2 Comments