

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 882 - L2 Version 5
Chandra X-Ray Center

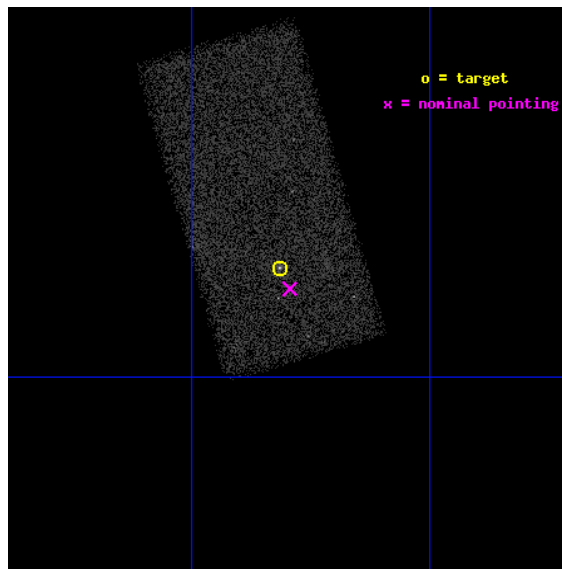
L2 Processing Date : Aug 29 2012

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1 Front

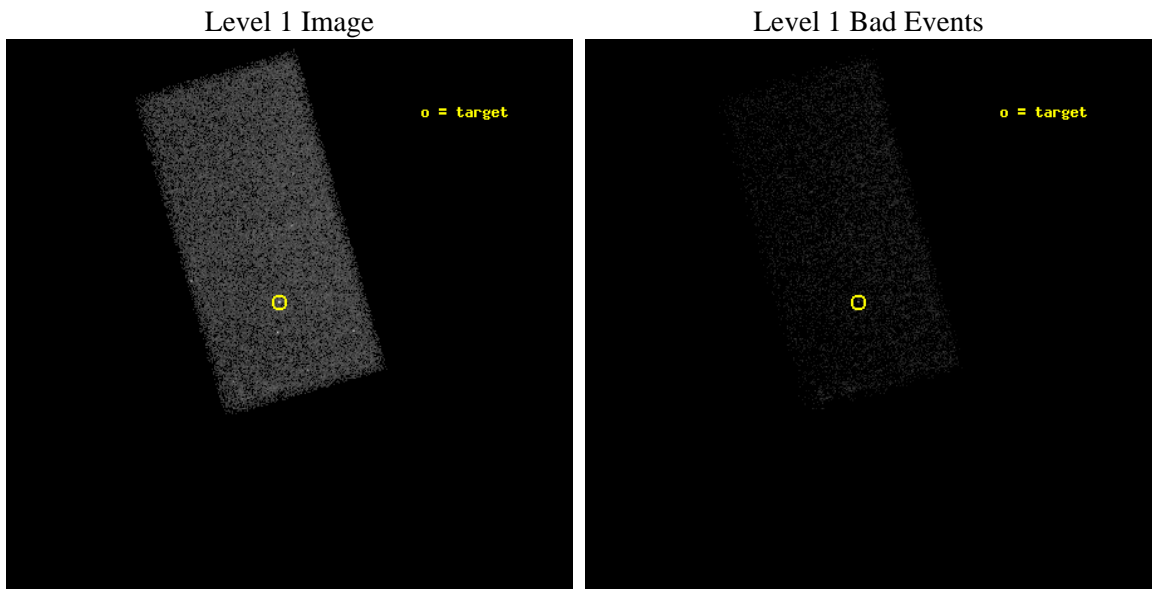
seq_num	700187	Sequence number
obs_id	882	Observation id
title	TESTING THE AGN PRARDIGM IN THE MICRO-QUASAR NGC 4395	Proposal tit
observer	Prof. Alexei Filippenko	Principal investigator
object	NGC 4395	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.45375	Observer's specified target RA [deg]
dec_targ	33.546778	Observer's specified target Dec [deg]
ra_nom	186.44835381711	Nominal RA [deg]
dec_nom	33.537869168935	Nominal Dec [deg]
roll_nom	253.79076559104	Nominal Roll [deg]
revision	5	Processing version of data
ontime	17187.0	Sum of GTIs [s]
liveltime	16729.286715465	Livetime [s]
ontime7	17187.0	Sum of GTIs [s]
l2events	32050	Number of level 2 events



2 OBI

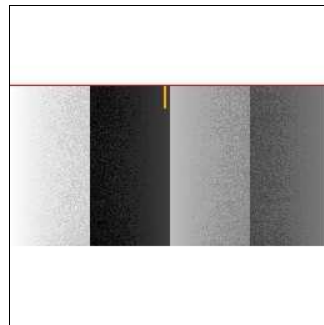
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	20135.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	17187.0	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime7	17187.0	Sum of GTIs [s]
date	2012-08-29T08:03:19	Date and time of file creation	l1events	70195	Number of level 1 events
revision	5	Processing version of data			

2.1.4 Events

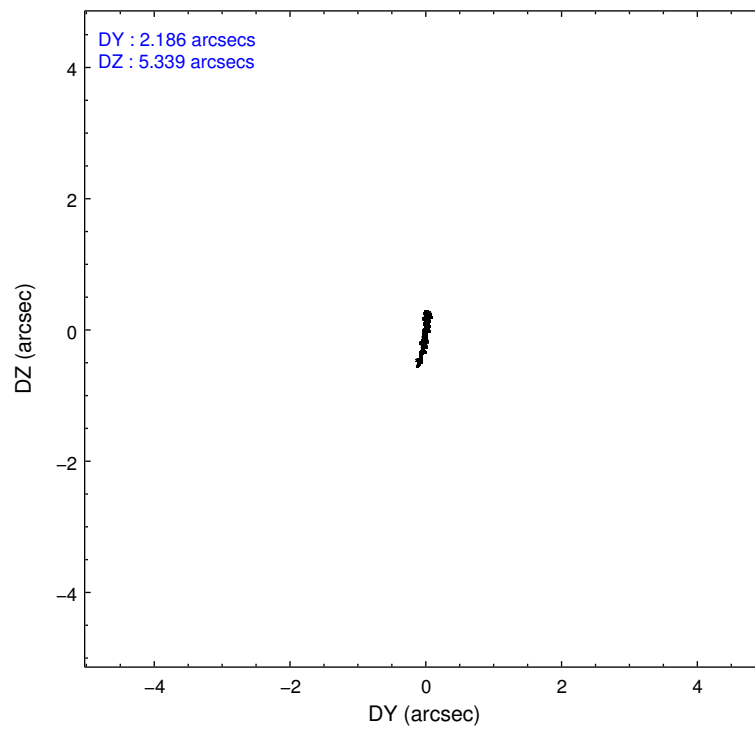
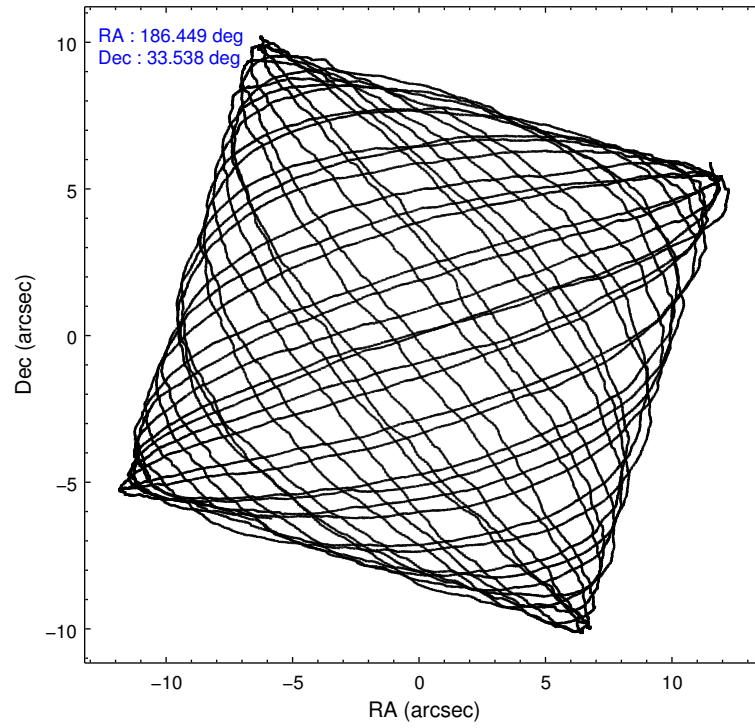
	ccd 7
level 1 events	70195
rejected events	37303
rejected %	53%

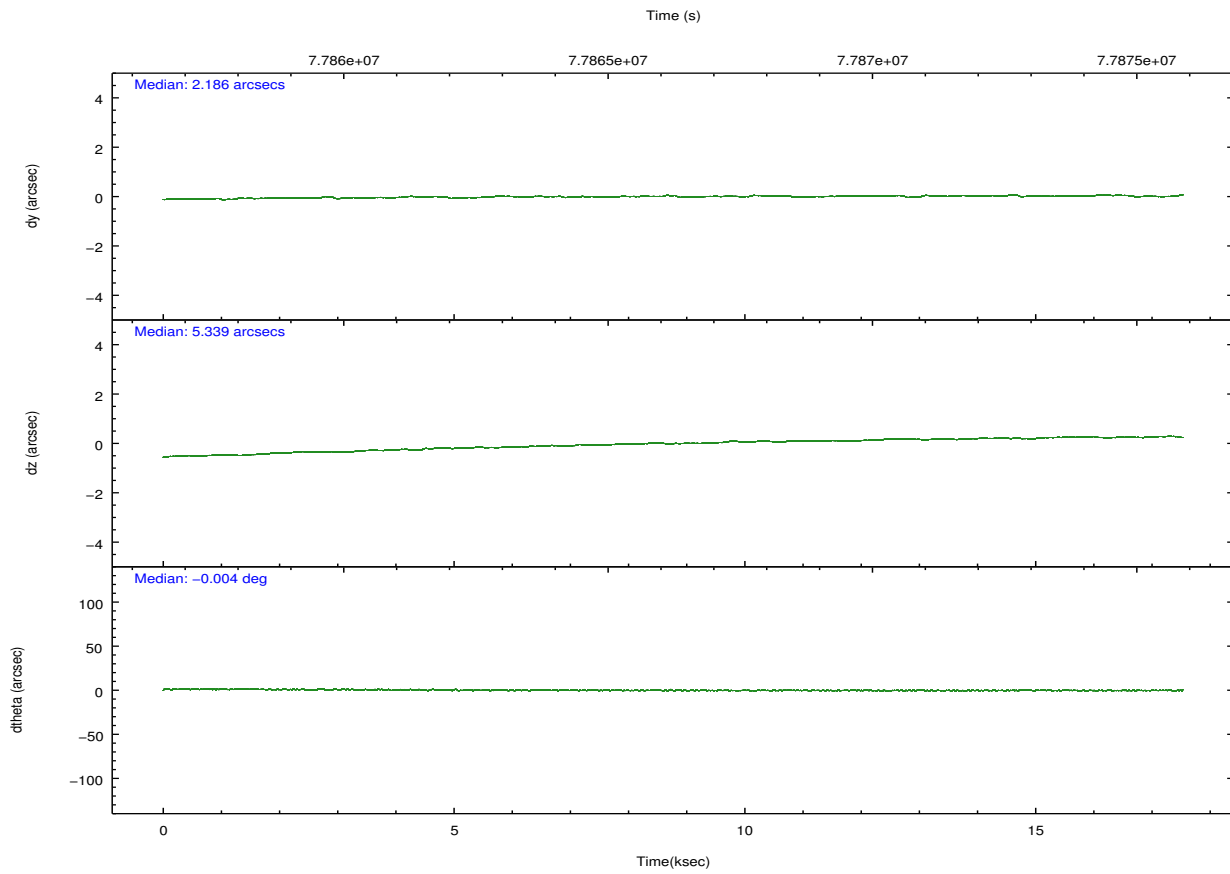
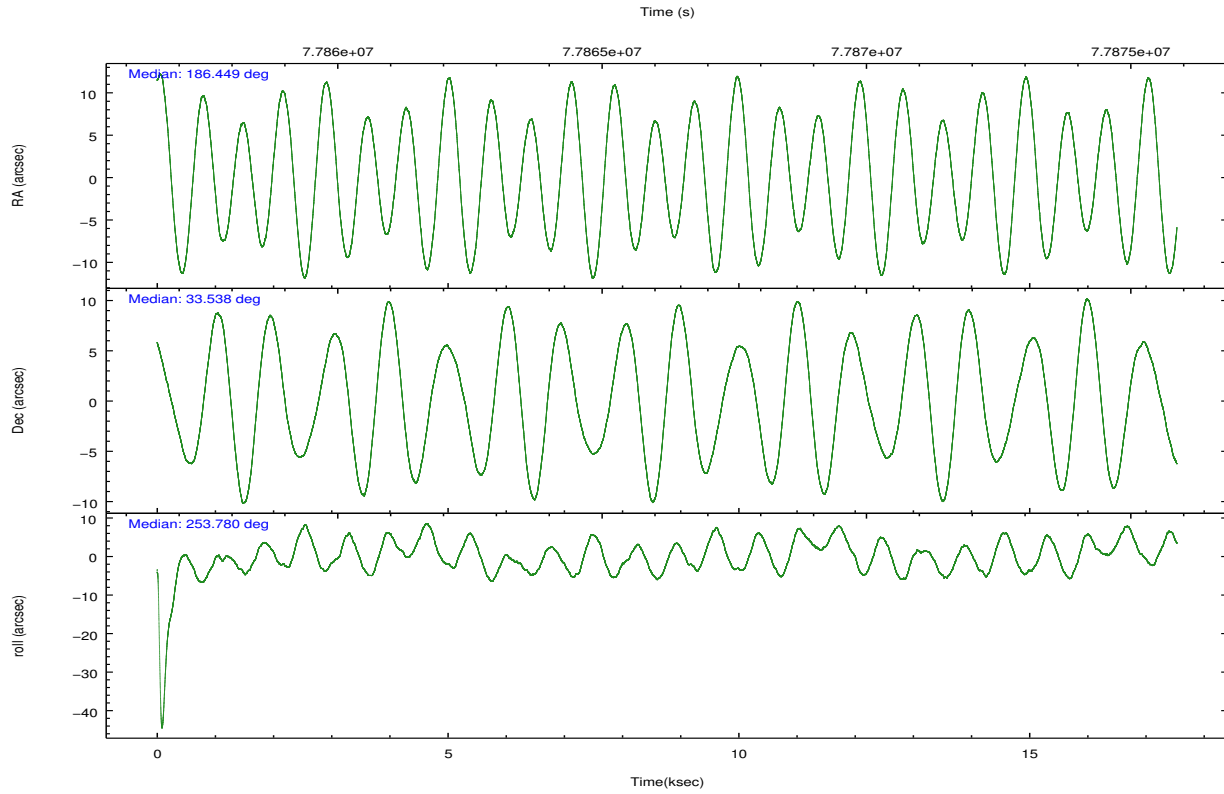
	ccd 7
grade 0 events	4084
	5%
grade 1 events	85
	0%
grade 2 events	6740
	9%
grade 3 events	3471
	4%
grade 4 events	3325
	4%
grade 5 events	6322
	9%
grade 6 events	15355
	21%
grade 7 events	30813
	43%

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	OVERRIDE	OVERRIDE
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	186.4483538171116	186.4483538171114	Subarray requested	CUSTOM	CUSTOM
[deg] Pointing Dec	33.53786916893507	33.53786916893498	Subarray start row	257	257
[deg] Pointing Roll	253.7907655910422	253.7907655910423	Subarray row count	512	512
[mm] SIM focus pos	-0.68282252473119	-0.68282252473119	Alternating exposures requested	N	N
[mm] SIM defocus	0.001444942264670734	0.001444942264670734	[s] Primary exposure time	1.500000	1.500000
[mm] SIM translation stage pos	-190.1400660499	-190.1400660499			
[mm] SIM translation stage offset	0.007542945932812017	0.007542945932812017			
[s] Observation start time (MET)	77857461.554823	77857461.554823			
Observation start date	2000-06-20T02:19:57	2000-06-20T03:04:21			
[s] Observation end time (MET)	77874997.25546899	77874997.25546899			
Observation end date	2000-06-20T07:55:32	2000-06-20T07:56:37			
Read mode	TIMED	TIMED			

2.3 Aspect



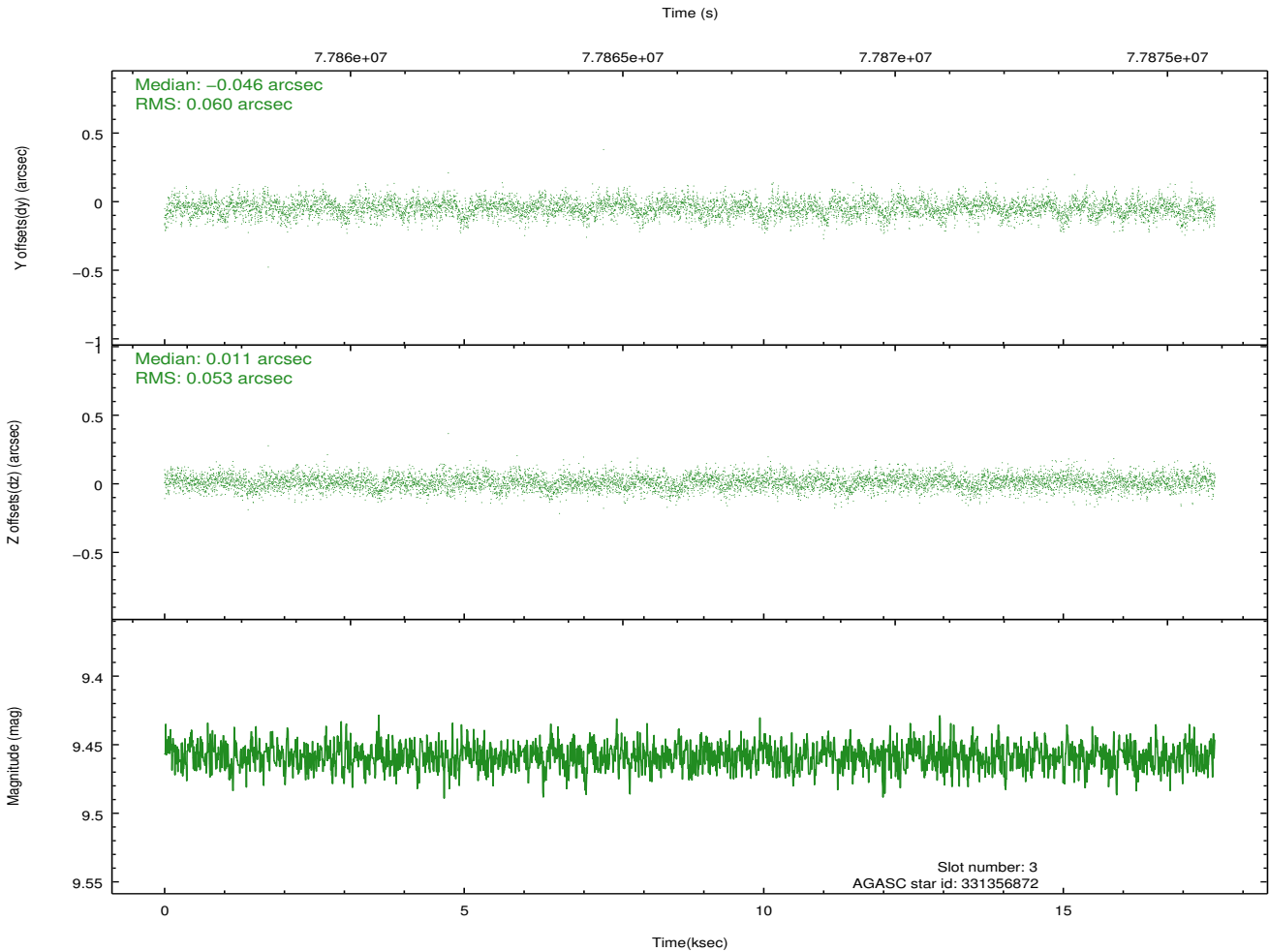
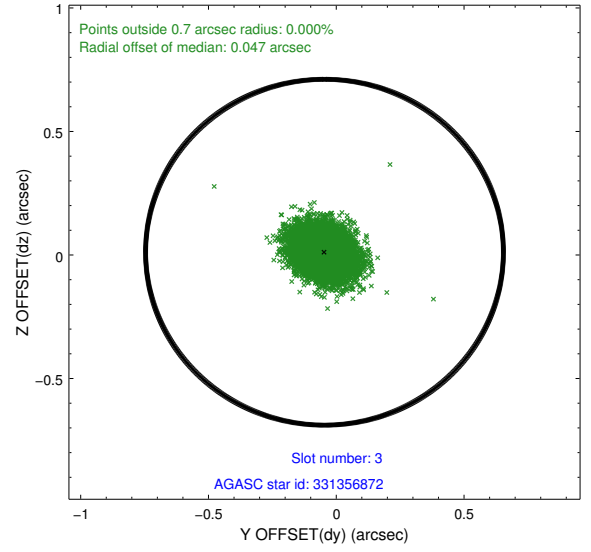
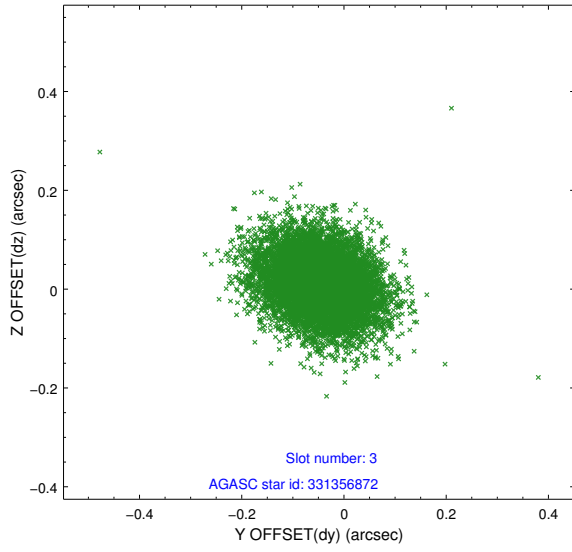


Slot Statistics

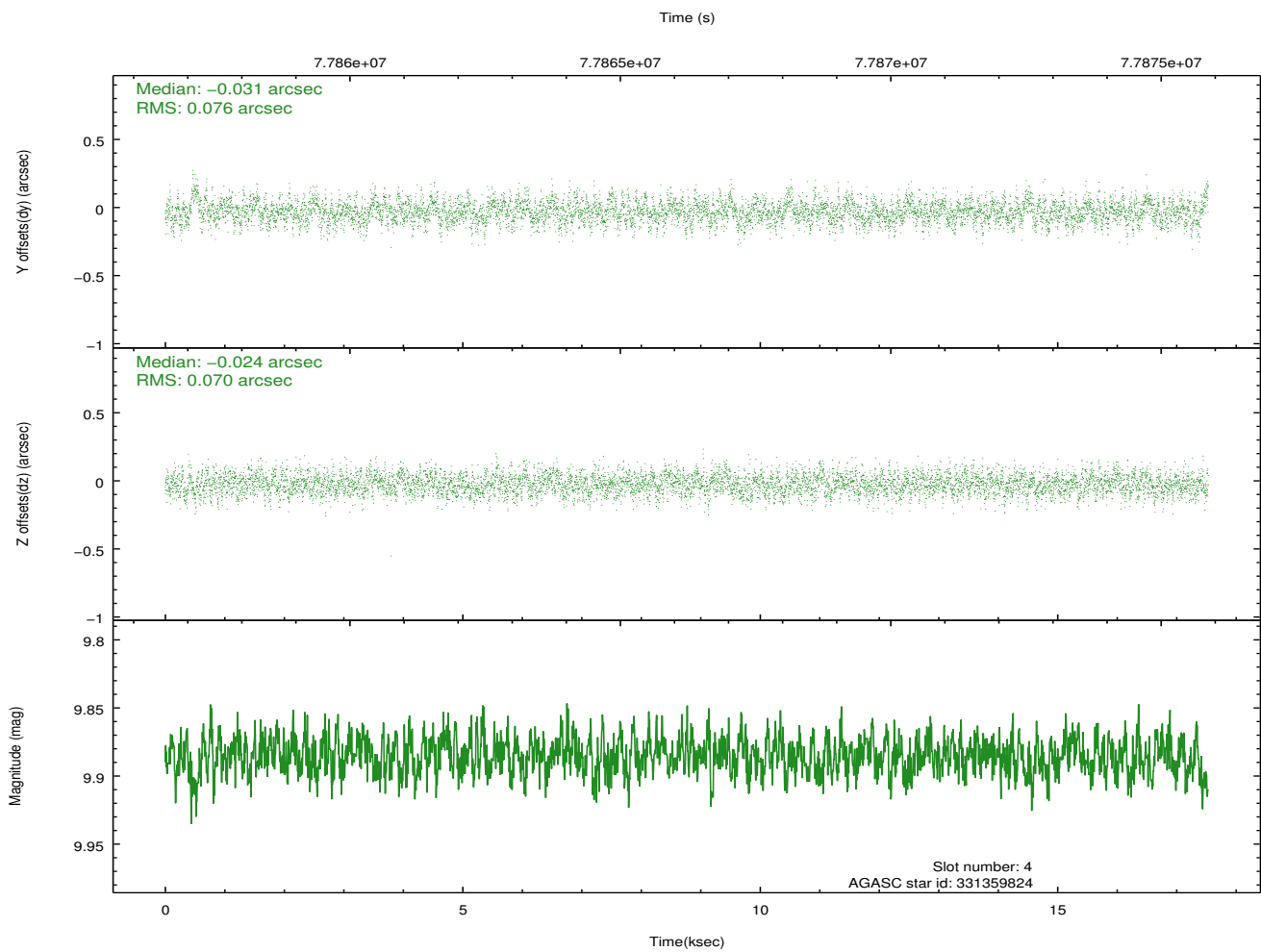
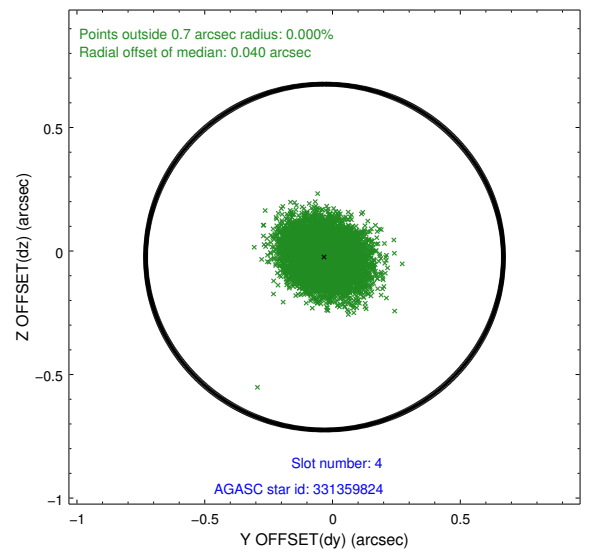
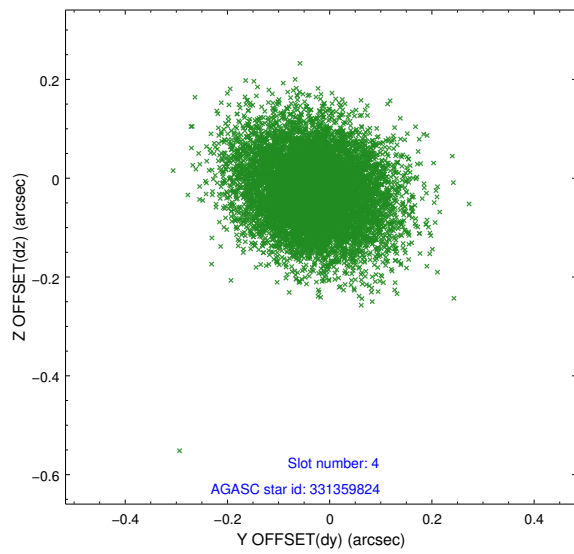
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	4277	-0.034	-0.001	0.007	0.012	0.000000	0.000000	-754.81	-1726.42
1	FID	ACIS-S-4	7.21	4277	-0.005	0.017	0.005	0.010	0.000000	0.000000	2158.37	181.86
2	FID	ACIS-S-5	7.23	4277	0.008	-0.007	0.007	0.013	0.000000	0.000000	-1807.33	175.75
3	GUIDE	331356872	9.46	8545	-0.046	0.011	0.084	0.139	186.232000	33.528992	298.89	-564.73
4	GUIDE	331359824	9.89	8548	-0.031	-0.024	0.110	0.178	185.748520	33.293976	1515.26	-1725.63
5	GUIDE	331362176	10.00	8531	0.113	0.108	0.110	0.176	186.540423	32.978429	1939.91	883.90
6	GUIDE	331361424	10.45	8535	-0.148	0.074	0.143	0.231	187.160339	33.746695	-1243.32	1880.33
7	GUIDE	331361472	7.38	8553	0.110	-0.170	0.080	0.142	185.505841	33.090700	2419.58	-2227.82

2.4 Star Slots

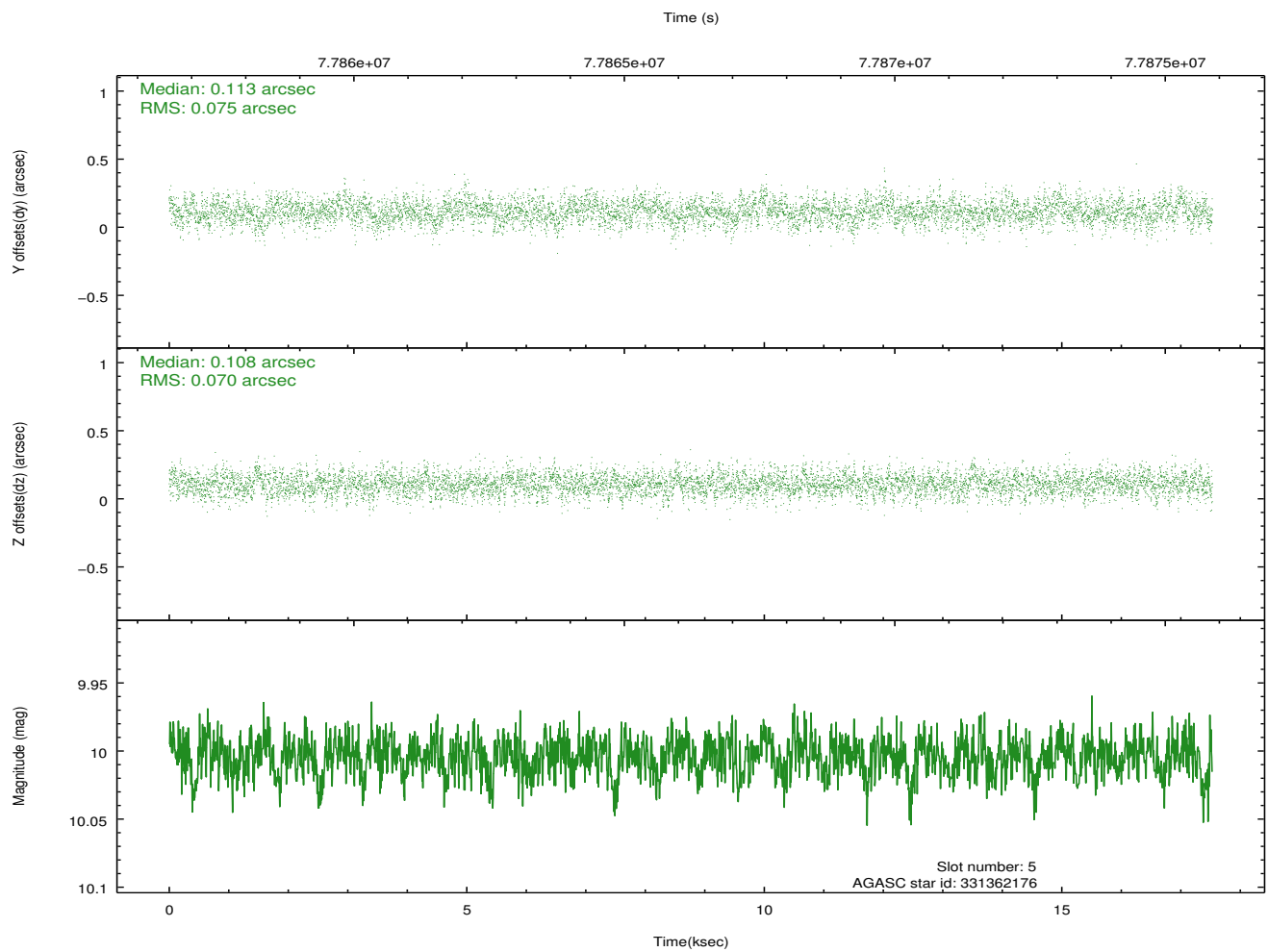
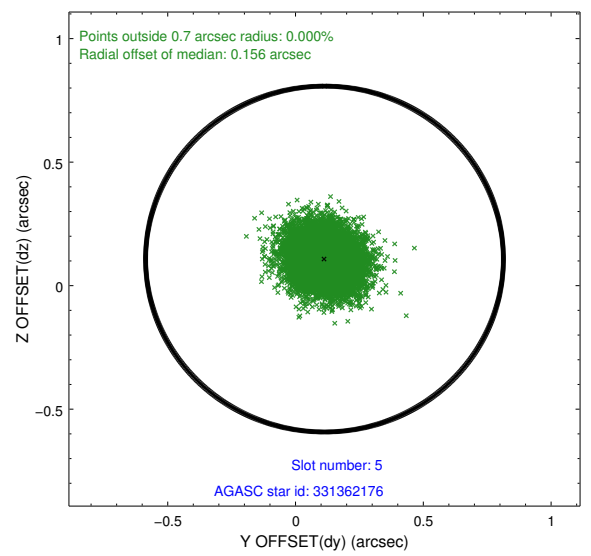
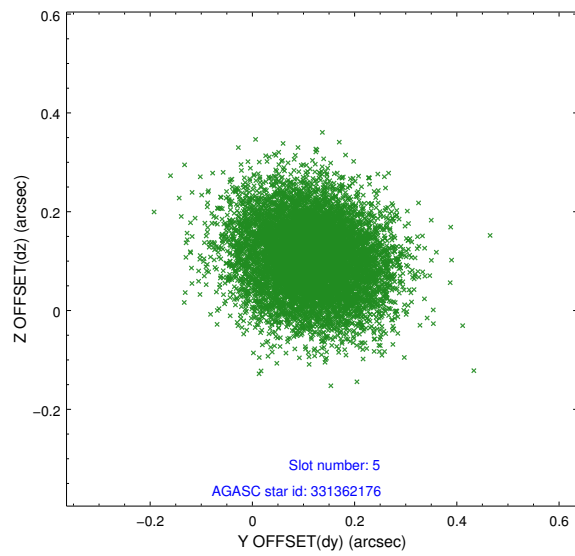
2.4.1 Slot 3



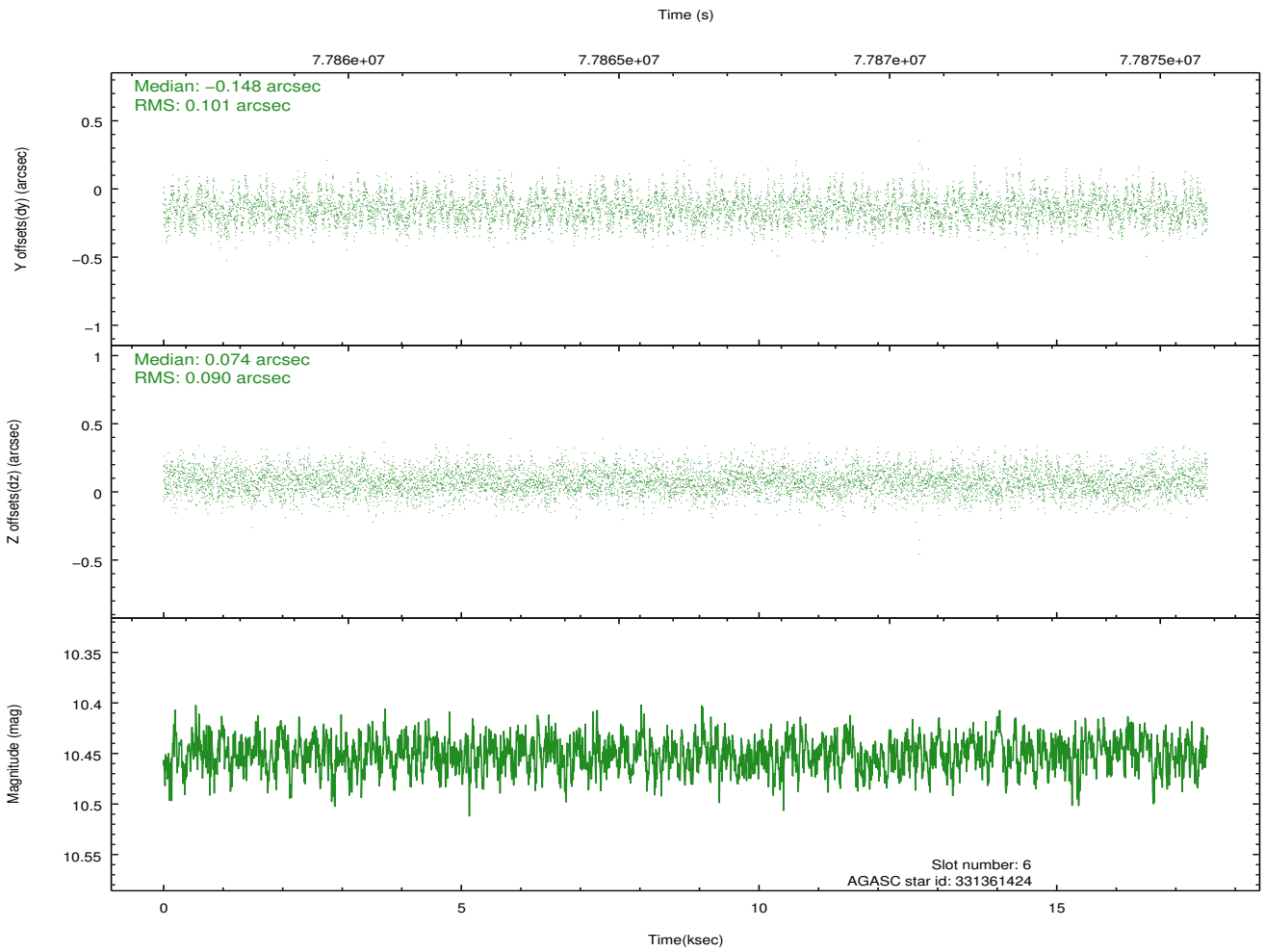
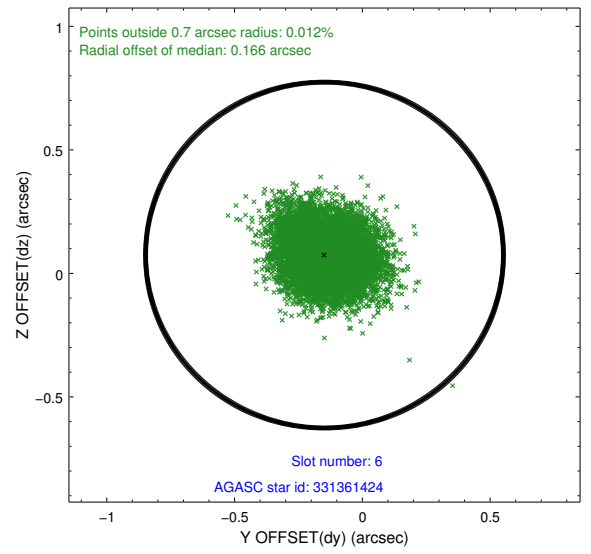
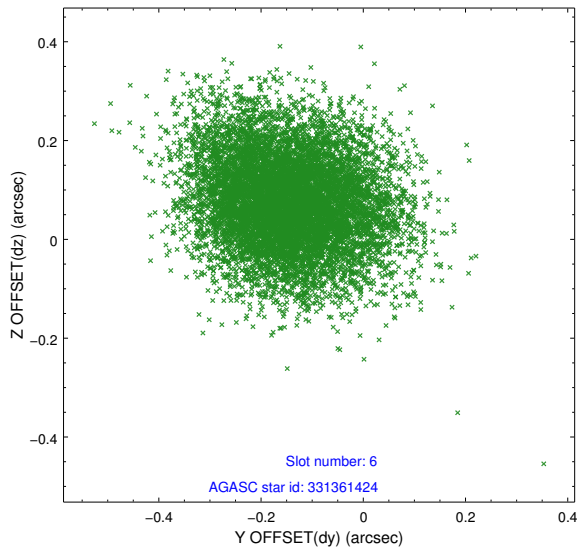
2.4.2 Slot 4



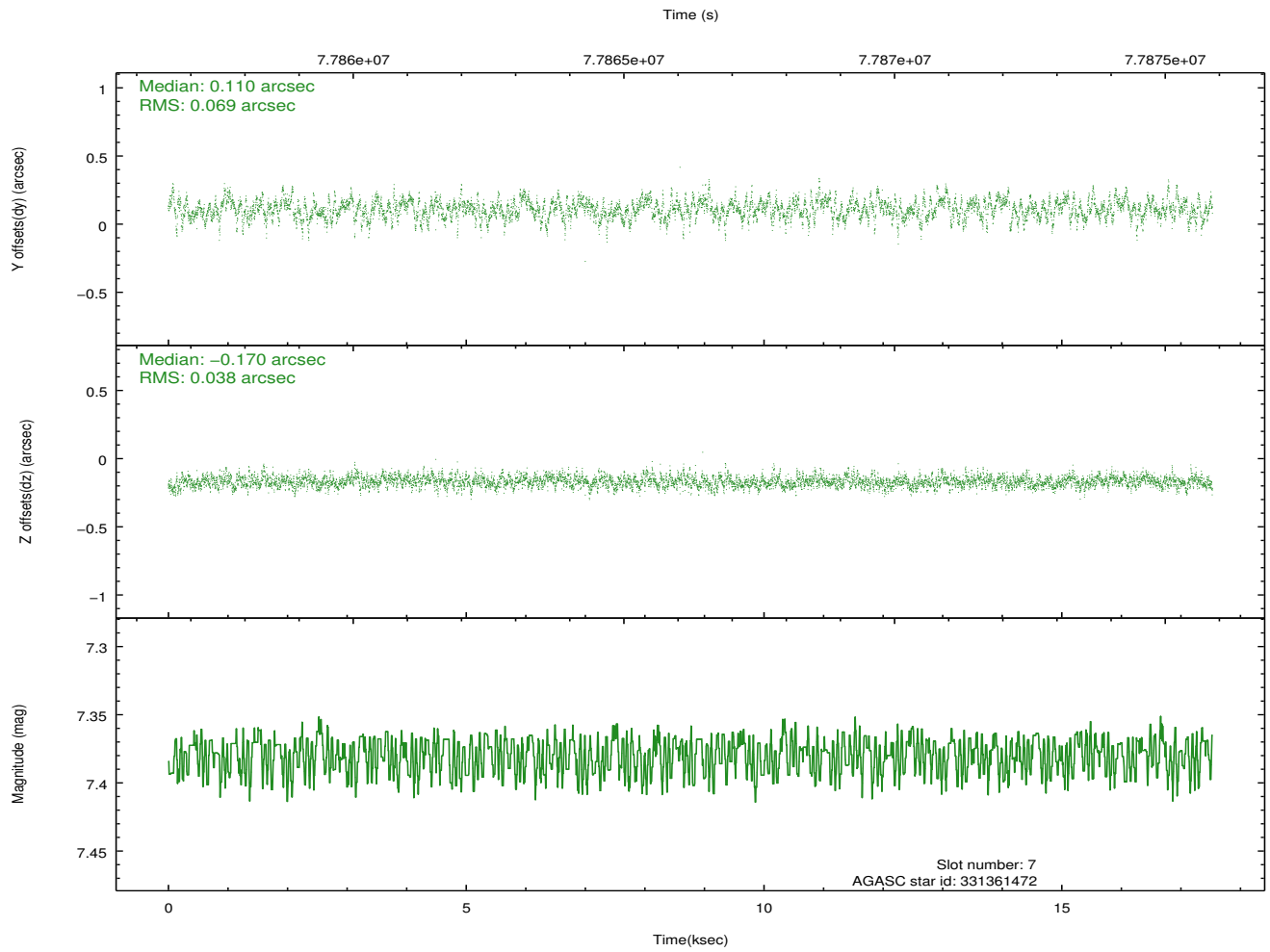
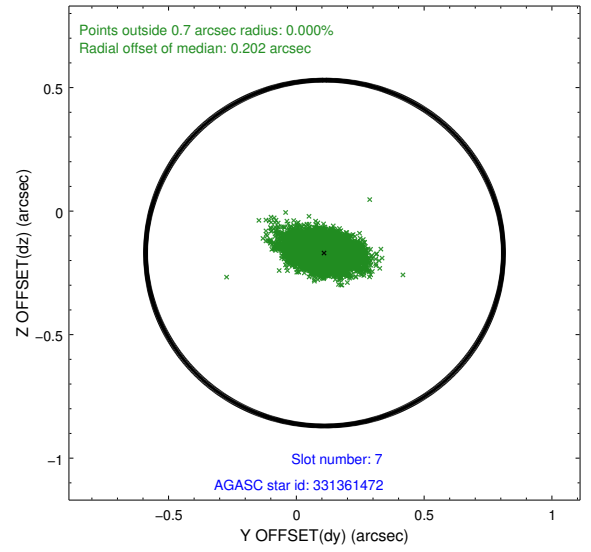
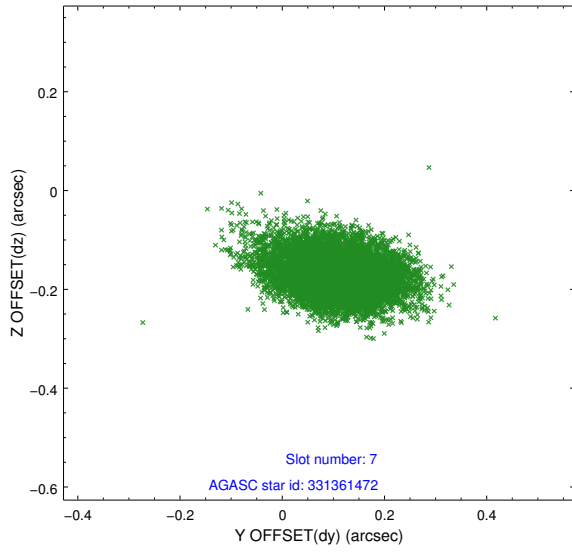
2.4.3 Slot 5



2.4.4 Slot 6

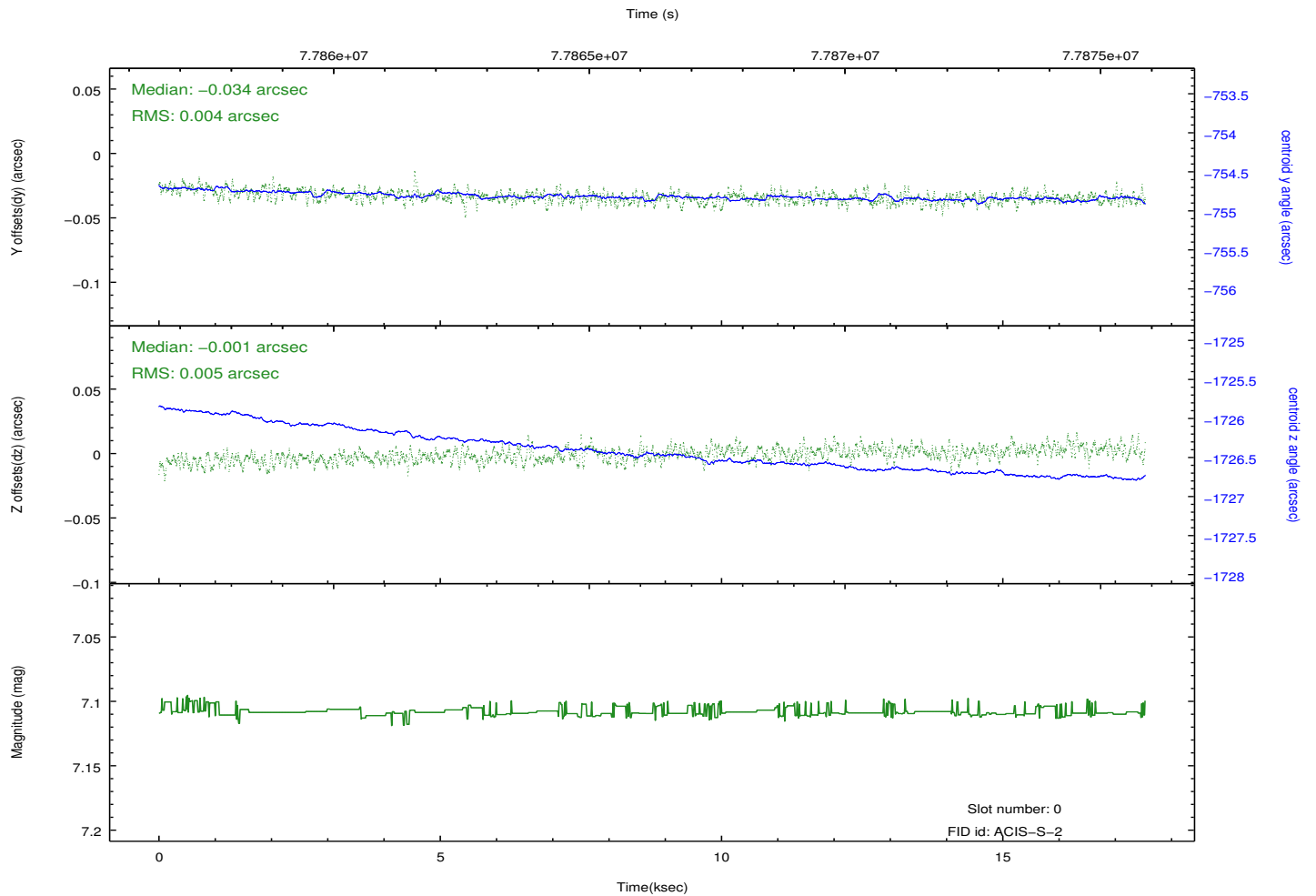
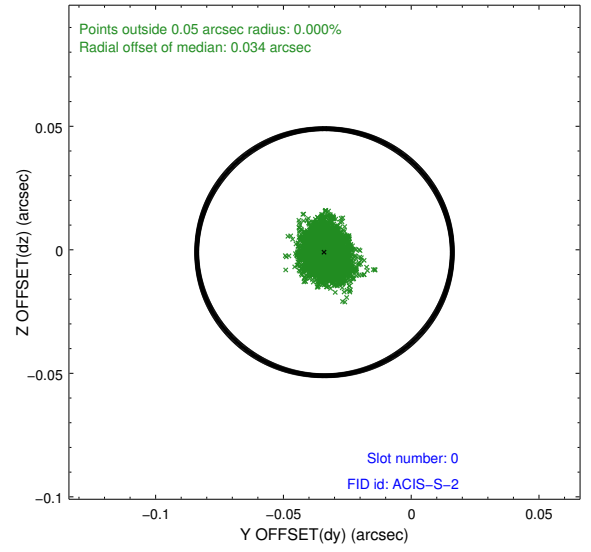
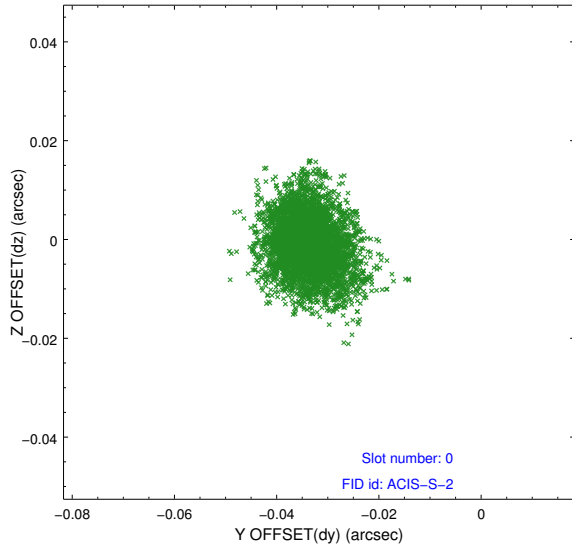


2.4.5 Slot 7

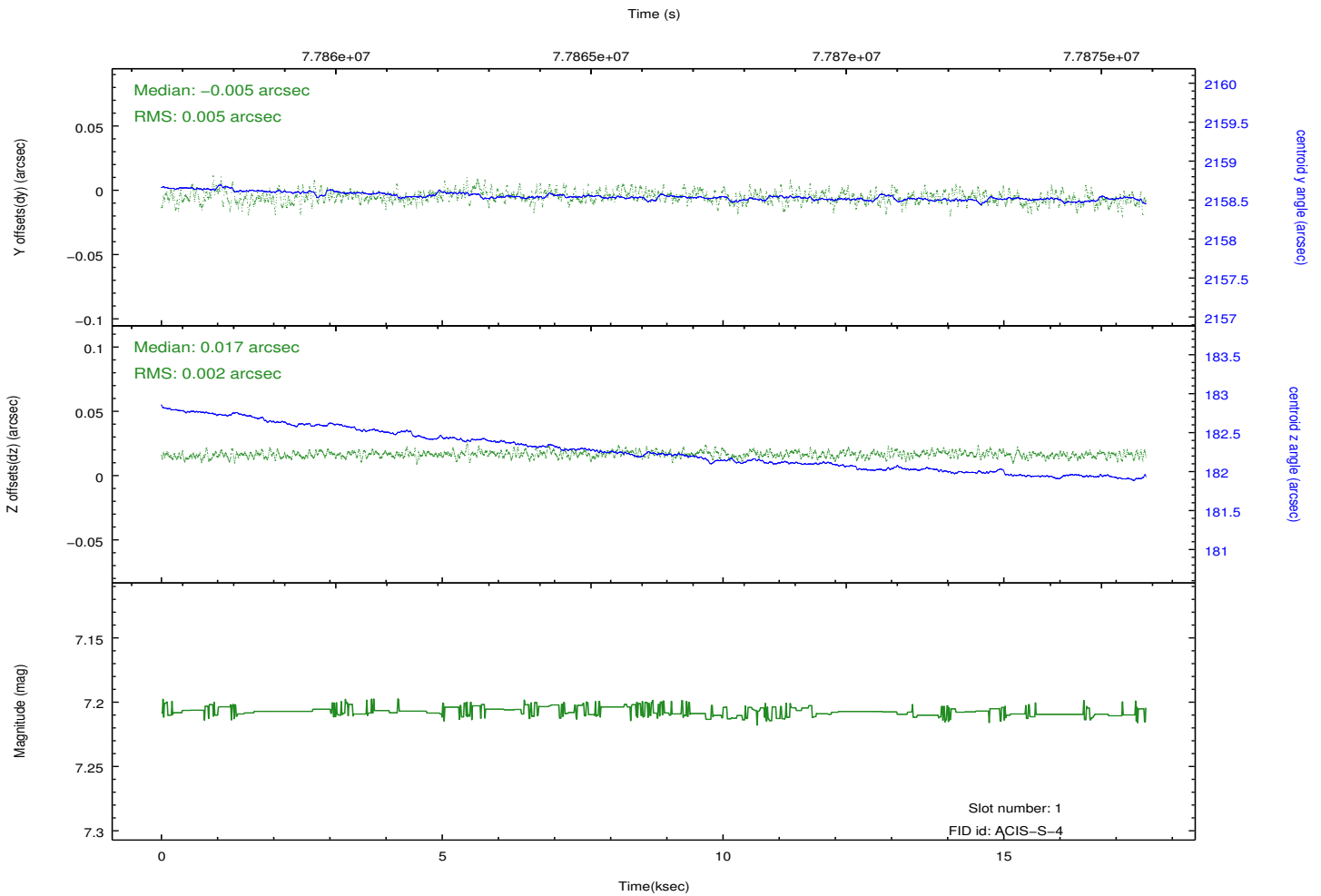
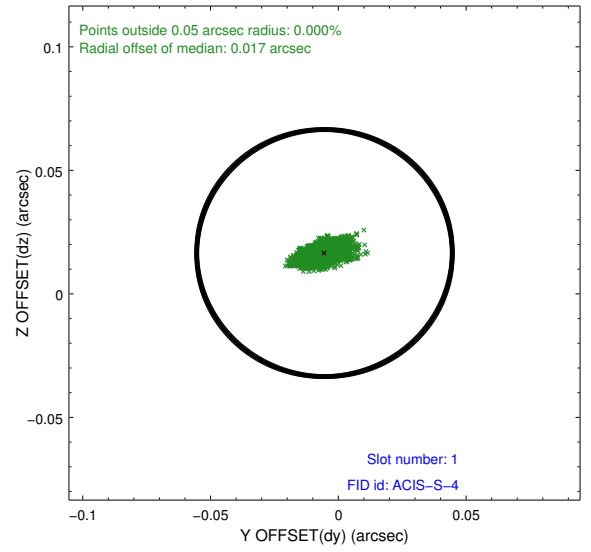
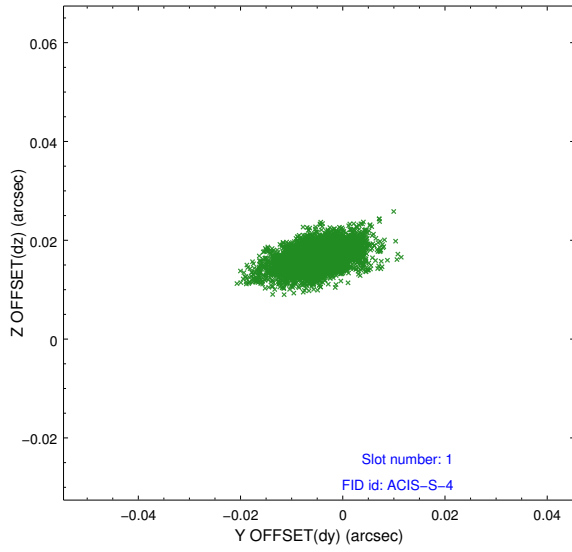


2.5 FID Slots

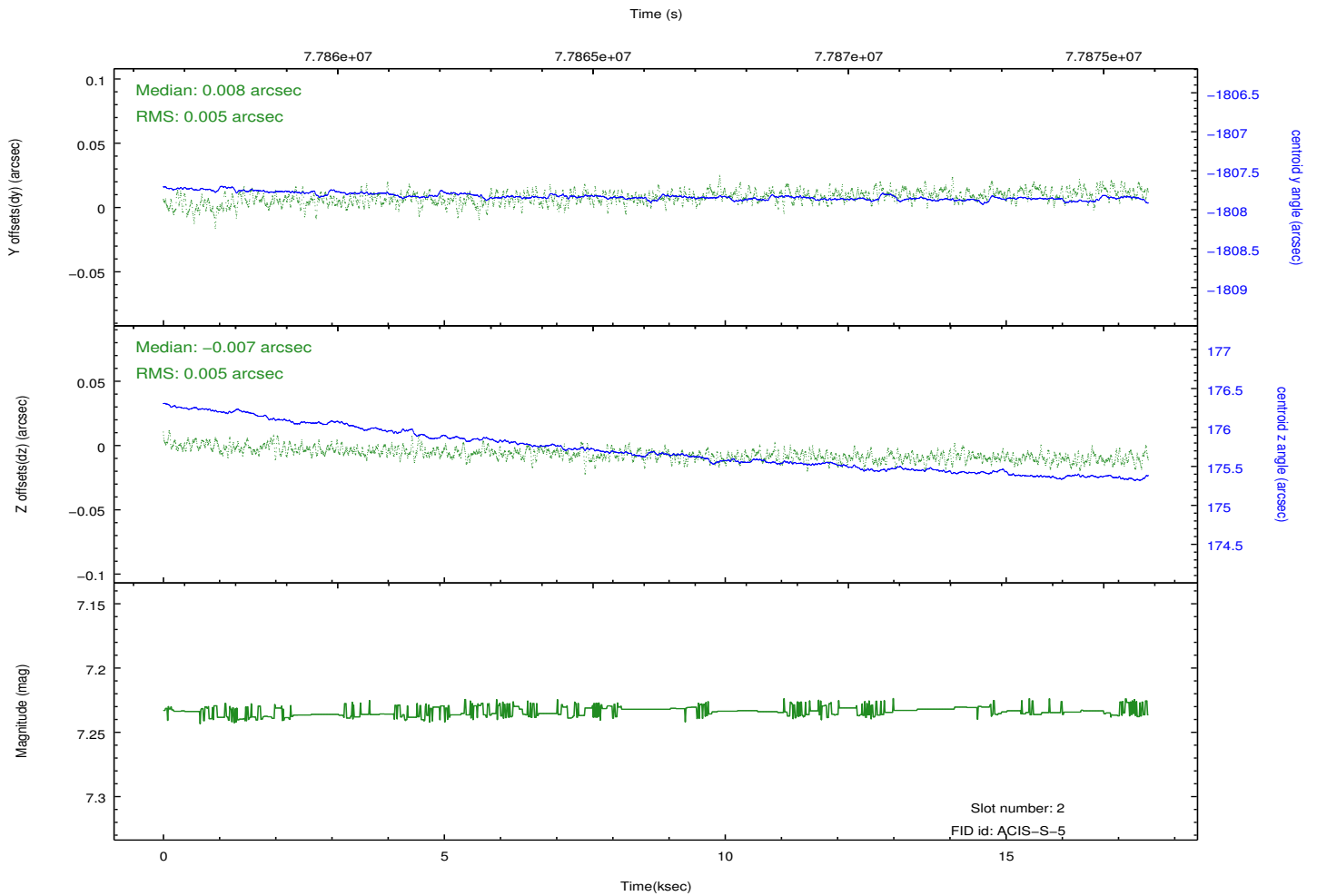
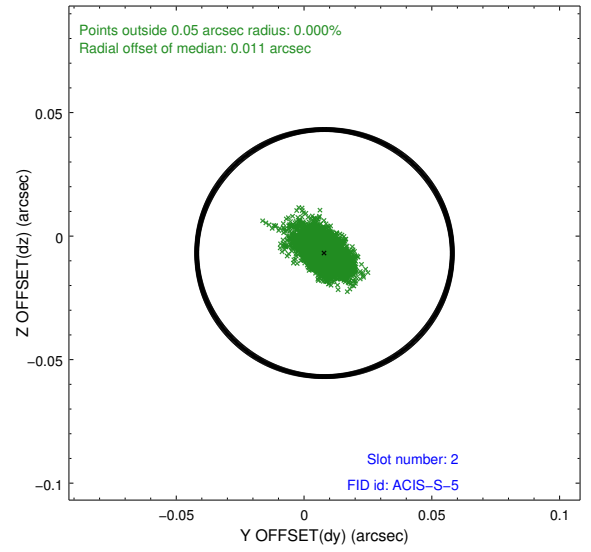
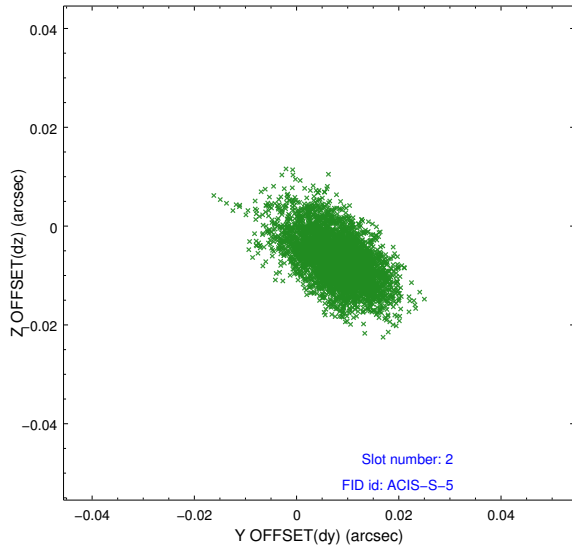
2.5.1 Slot 0



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)	2012.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.187

A.2 Comments