

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18194 - L2 Version 1
Chandra X-Ray Center

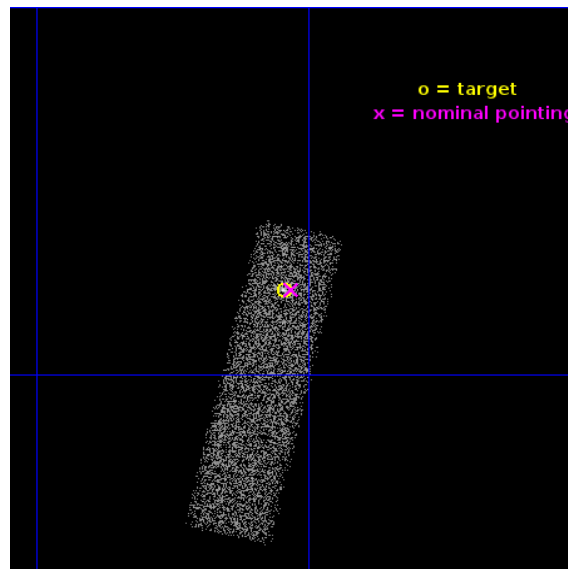
L2 Processing Date : Mar 10 2016

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1 Front

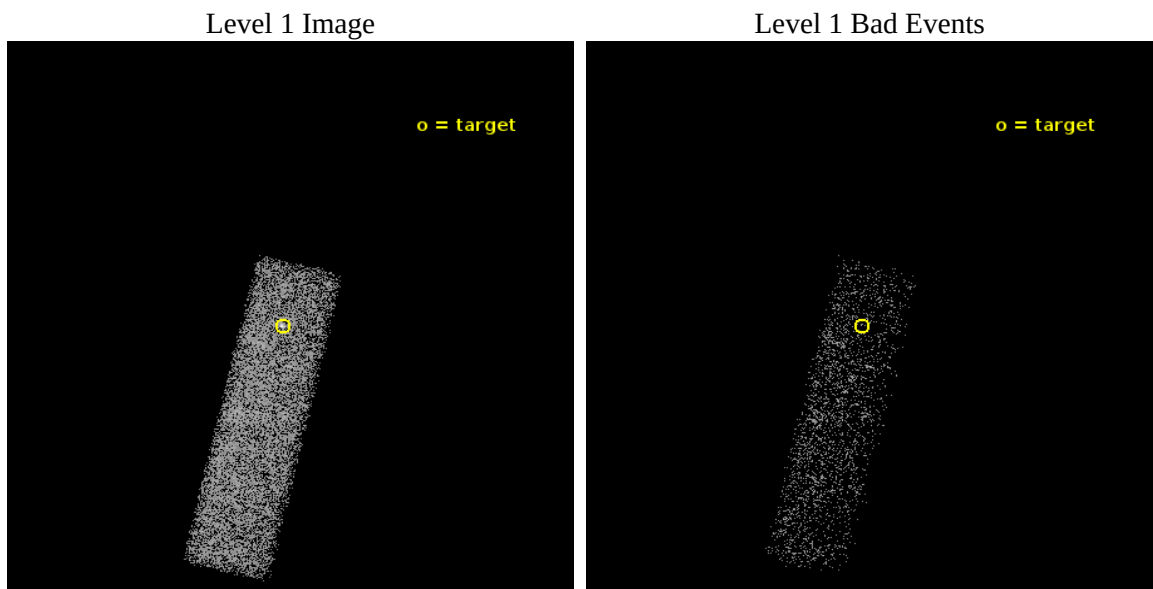
seq_num	703256	Sequence number
obs_id	18194	Observation id
title	Pre-selecting Dual AGN Candidates using WISE: A Chandra Follow-up Study	Proposal title
observer	Dr. Shobita Satyapal	Principal investigator
object	SDSS J135602.89+182218.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	209.010833	Observer's specified target RA [deg]
dec_targ	18.371611	Observer's specified target Dec [deg]
ra_nom	209.00794964502	Nominal RA [deg]
dec_nom	18.371789270682	Nominal Dec [deg]
roll_nom	103.15755022456	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10061.274771094	Sum of GTIs [s]
livetime	9570.3174841571	Livetime [s]
ontime7	10061.274771094	Sum of GTIs [s]
l2events	9749	Number of level 2 events



2 OBI

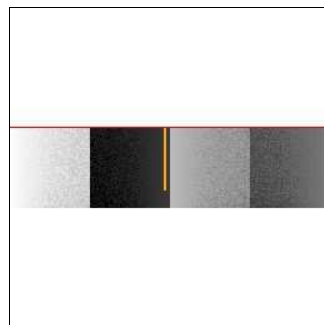
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	10061.274771094	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	10061.274771094	Sum of GTIs [s]
date	2016-03-10T21:29:44	Date and time of file creation	l1events	21327	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

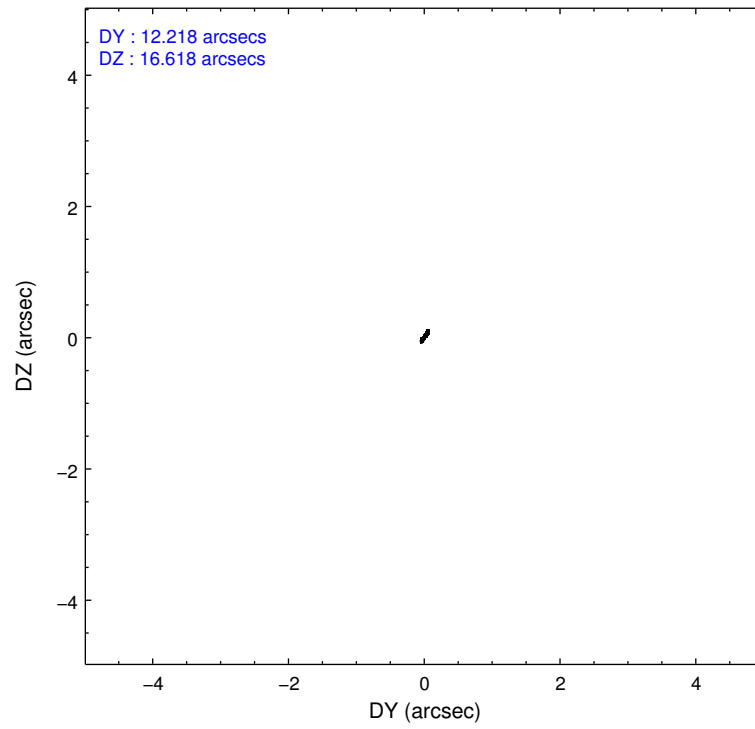
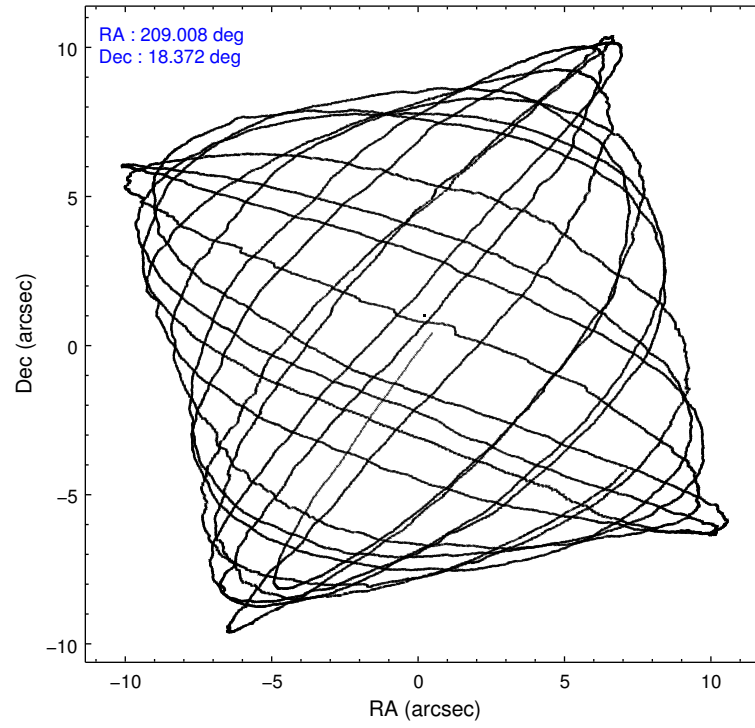
	ccd 7
level 1 events	21327
rejected events	11219
rejected %	52%

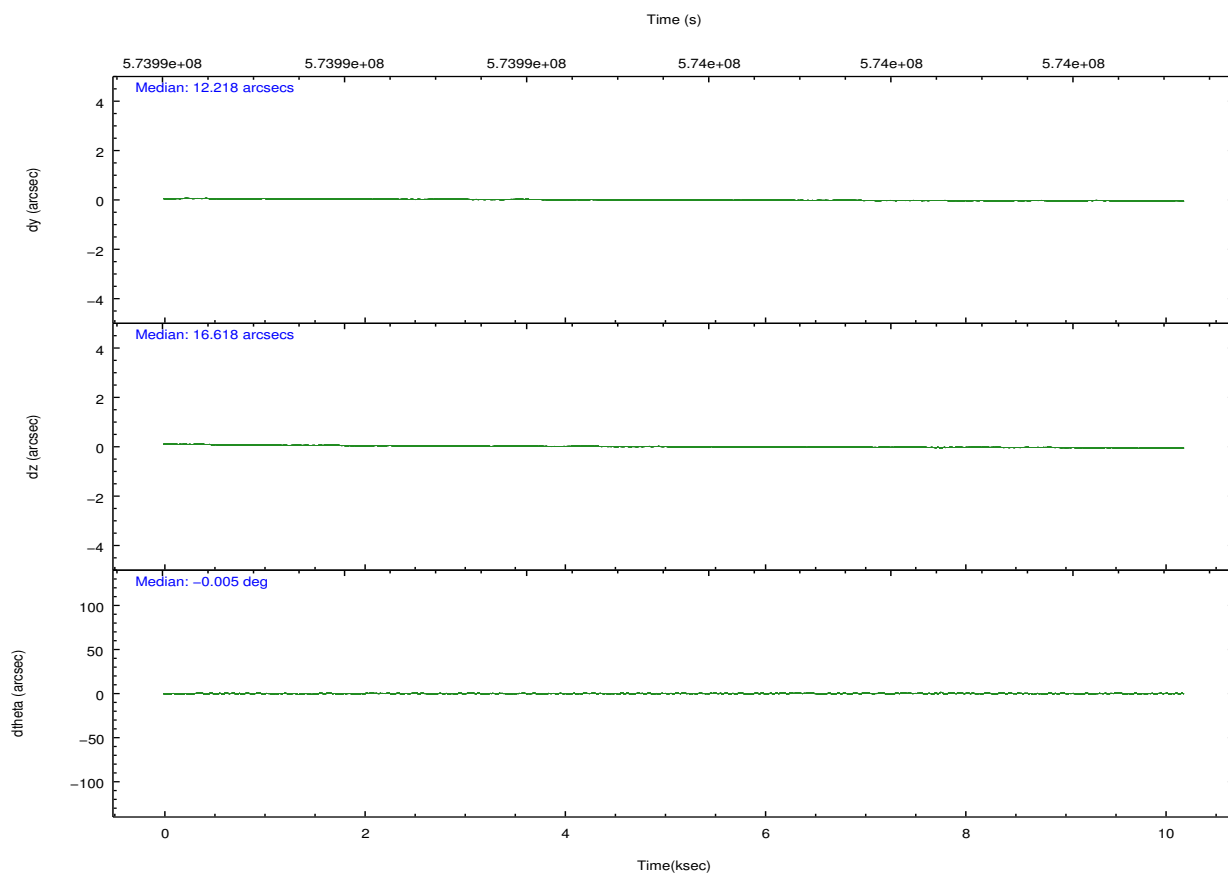
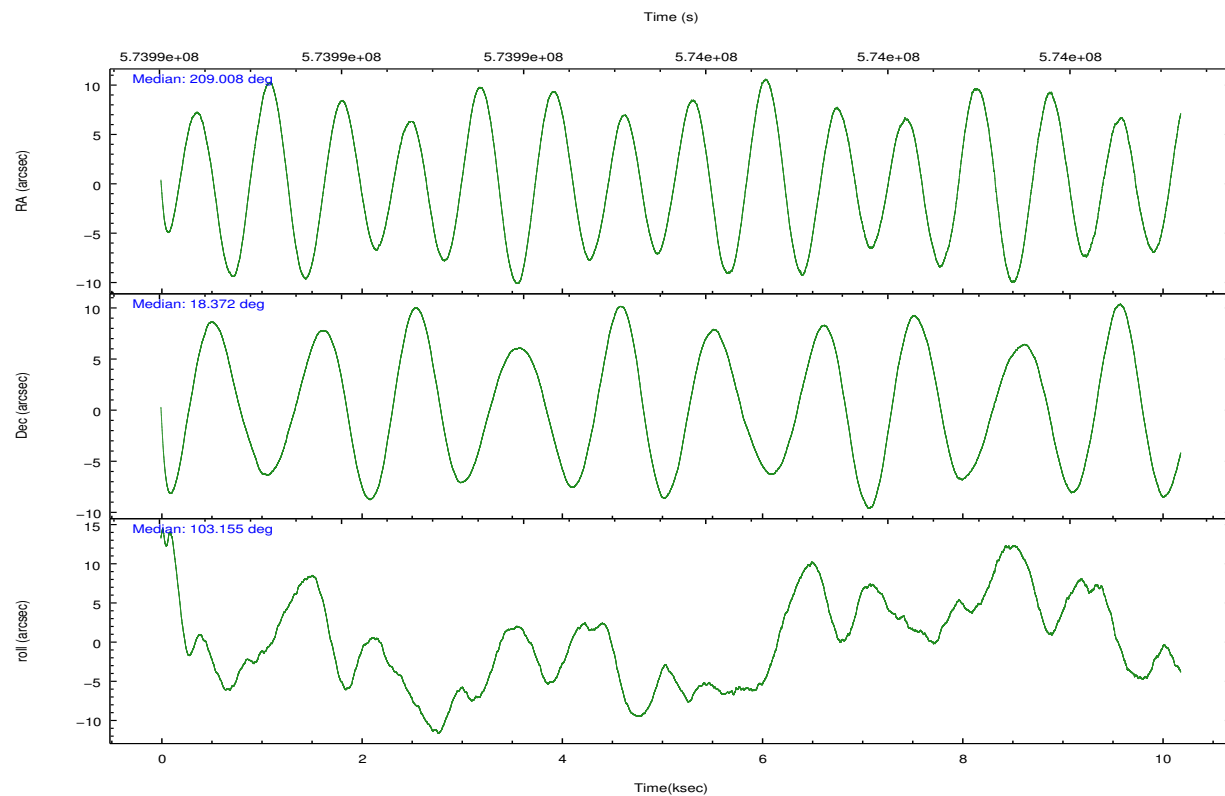
	ccd 7
grade 0 events	1022
	4%
grade 1 events	28
	0%
grade 2 events	2004
	9%
grade 3 events	1099
	5%
grade 4 events	1016
	4%
grade 5 events	2185
	10%
grade 6 events	4967
	23%
grade 7 events	9006
	42%

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	209.028040	209.0079496450207	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	18.352064	18.3717892706818	Subarray start row	385	385
[deg] Pointing Roll	102.994575	103.1575502245631	Subarray row count	256	256
[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)	573990704.184000	573989740.14136			
Observation start date	2016-03-10T09:50:36	2016-03-10T09:35:40			
[s] Observation end time (MET)	574000704.184000	574001351.34203			
Observation end date	2016-03-10T12:37:16	2016-03-10T12:49:11			
Read mode	TIMED	TIMED			

2.3 Aspect



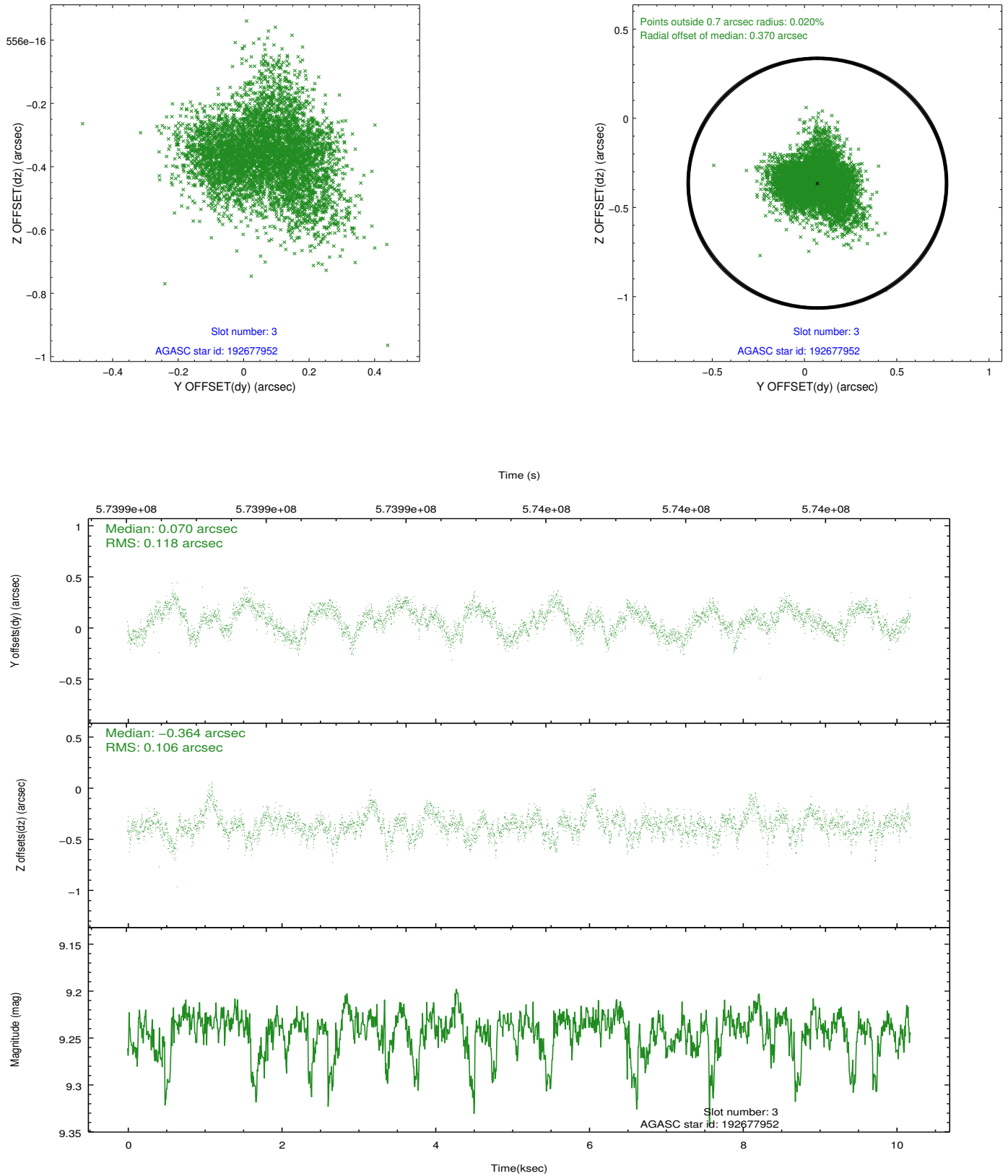


Slot Statistics

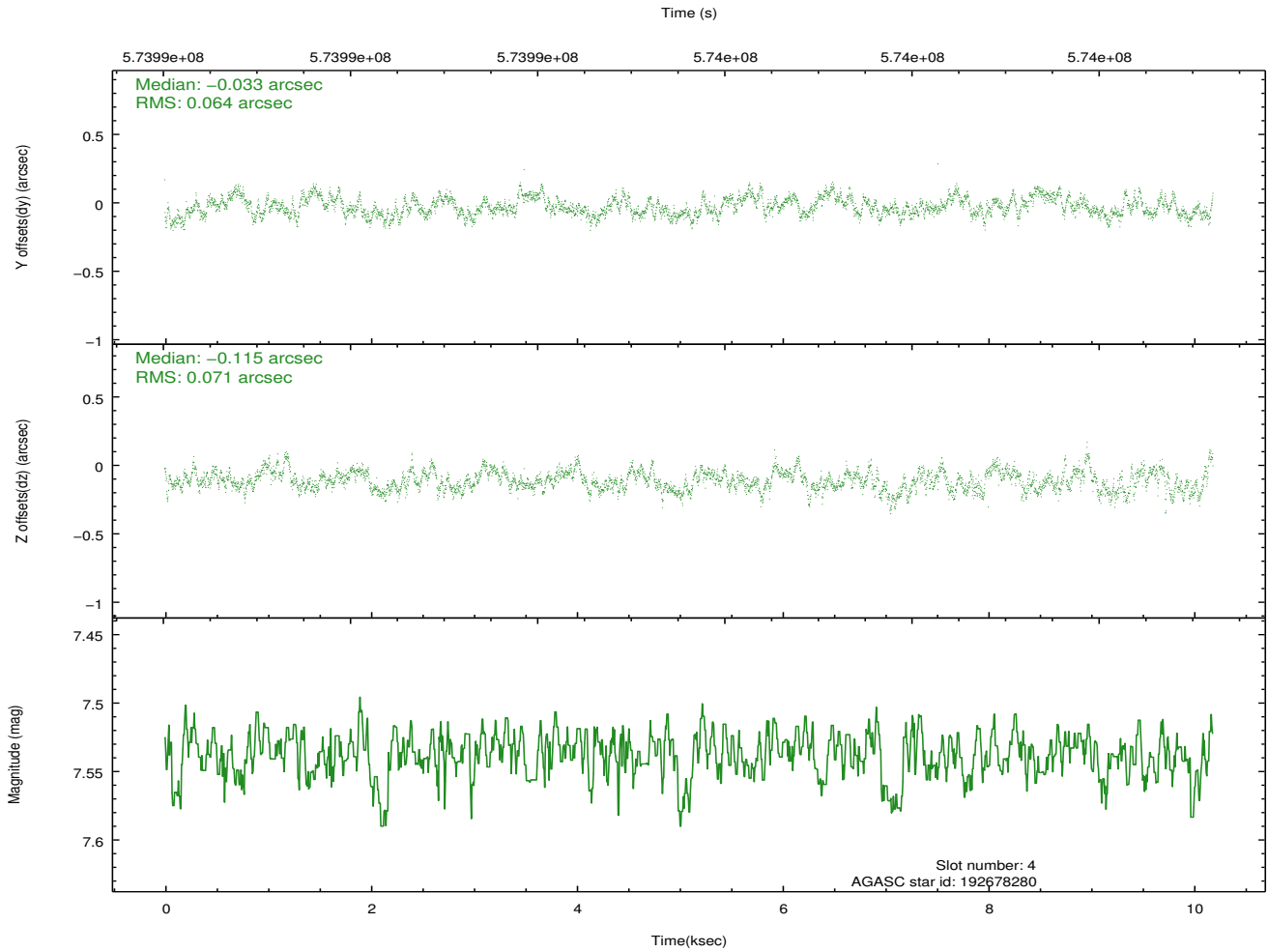
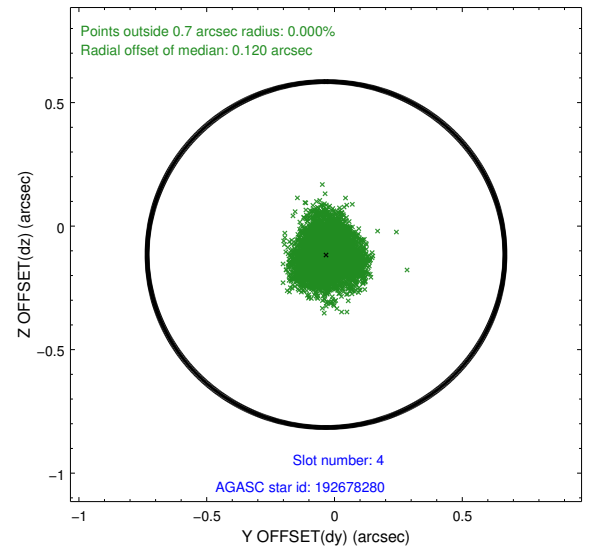
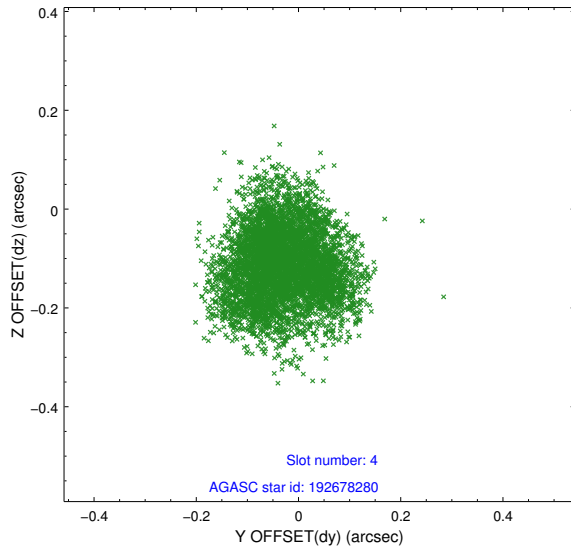
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.12	2485	-0.130	-0.079	0.007	0.011	0.000000	0.000000	-765.22	-1738.09
1	FID		ACIS-S-4	7.23	2485	0.380	0.084	0.005	0.009	0.000000	0.000000	2148.31	170.06
2	FID		ACIS-S-5	7.25	2485	-0.281	0.004	0.006	0.011	0.000000	0.000000	-1817.57	164.19
3	GUIDE	used	192677952	9.24	4964	0.070	-0.364	0.171	0.273	208.719264	18.036016	-869.64	1285.07
4	GUIDE	used	192678280	7.54	4969	-0.033	-0.115	0.104	0.160	209.396717	18.260570	-603.37	-1153.55
5	GUIDE	used	192680448	8.10	4968	-0.115	0.068	0.105	0.168	209.583470	18.944304	1655.46	-2323.12
6	GUIDE	used	192681008	10.05	4967	-0.046	0.181	0.238	0.374	208.704210	18.398710	414.02	1039.54
7	GUIDE	used	192678072	9.46	4965	0.138	0.244	0.200	0.321	209.808177	17.848209	-2362.36	-2198.00

2.4 Star Slots

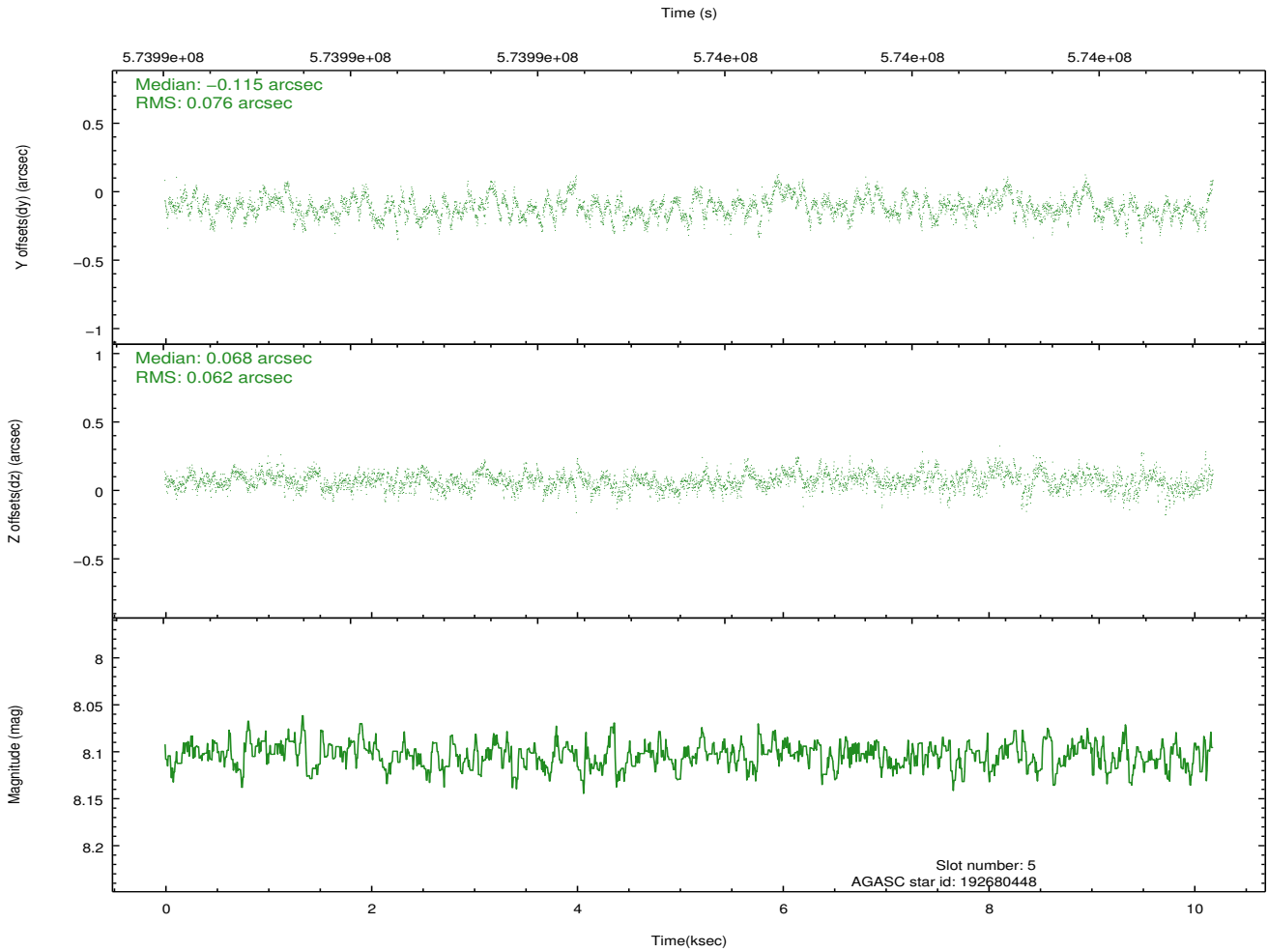
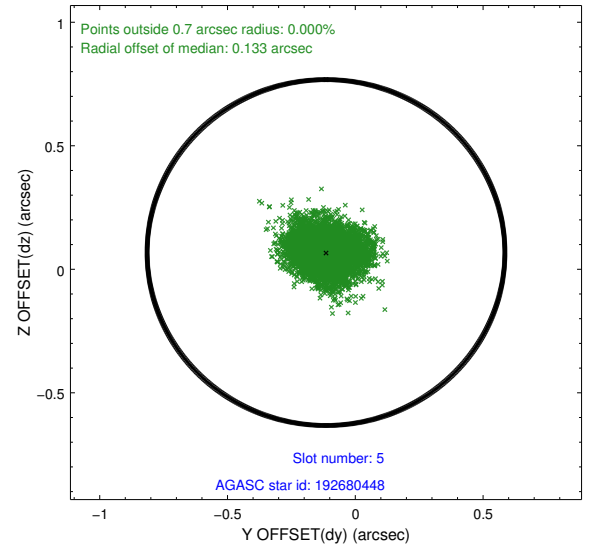
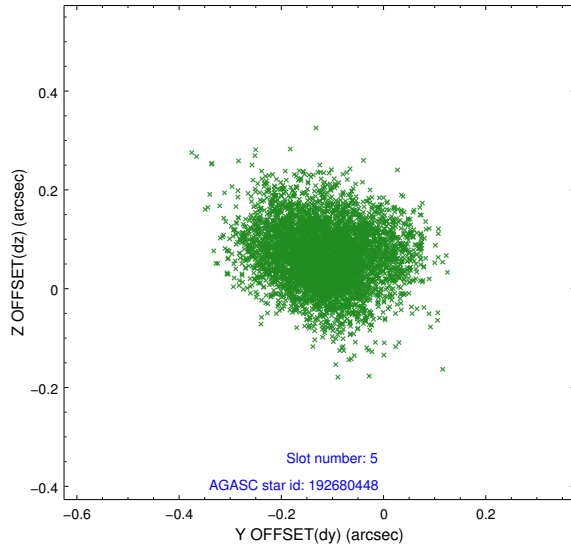
2.4.1 Slot 3



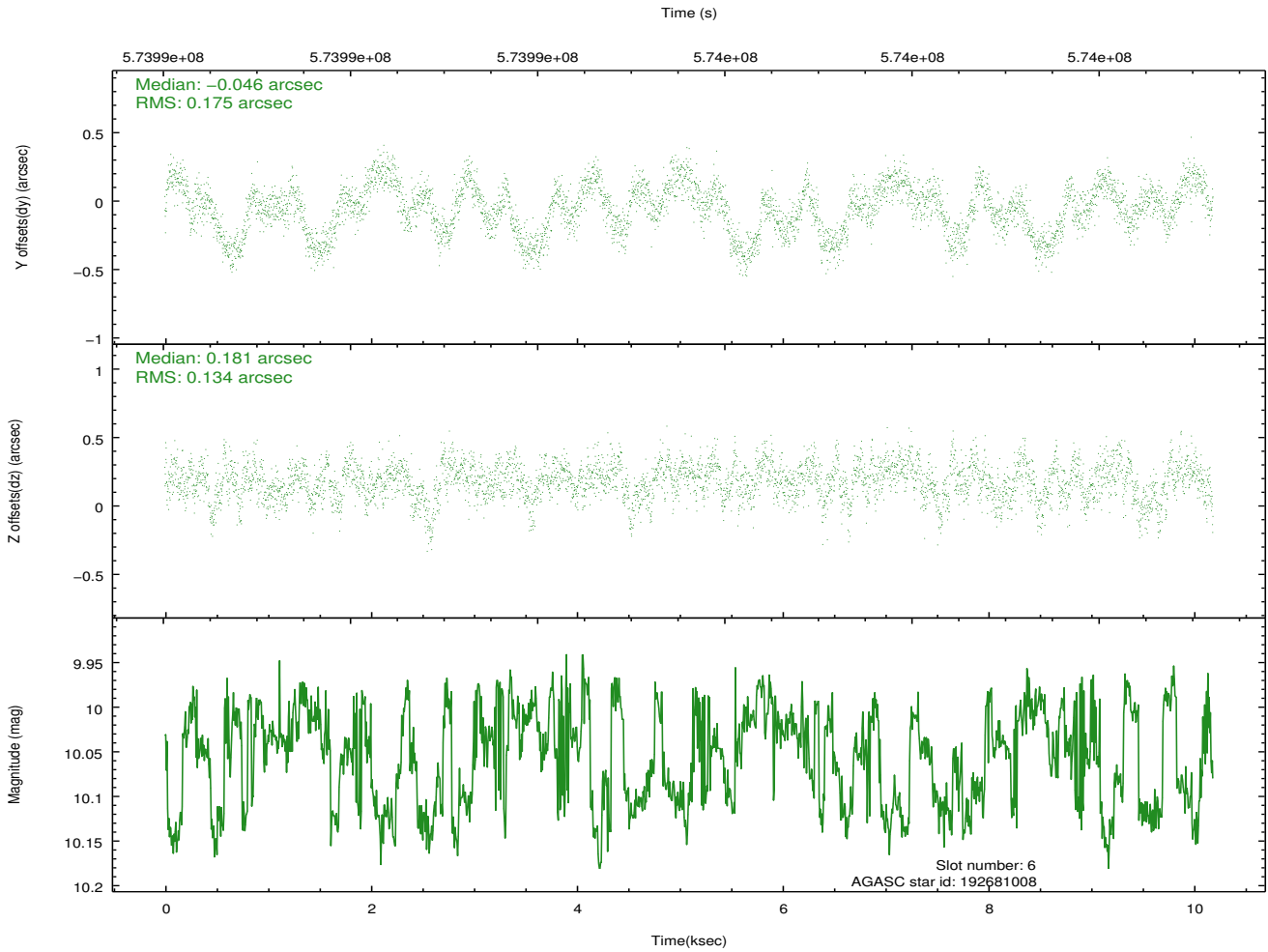
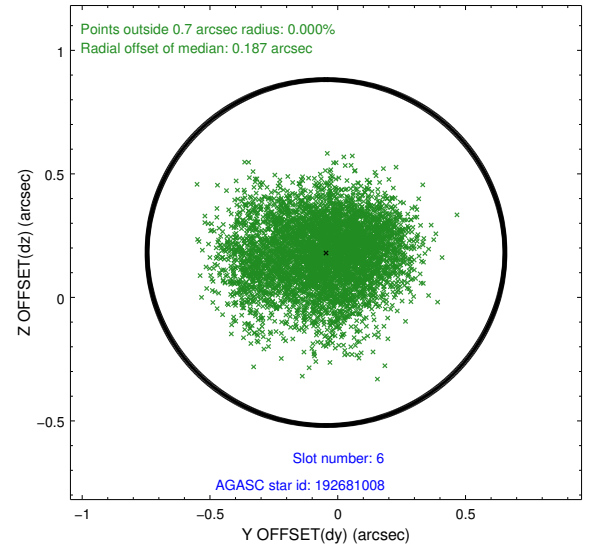
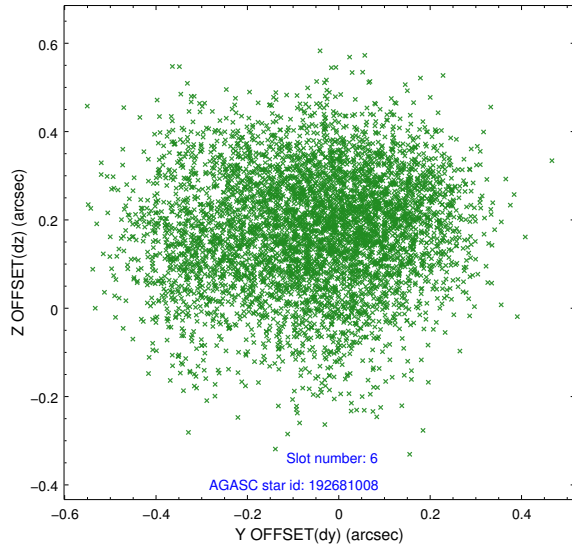
2.4.2 Slot 4



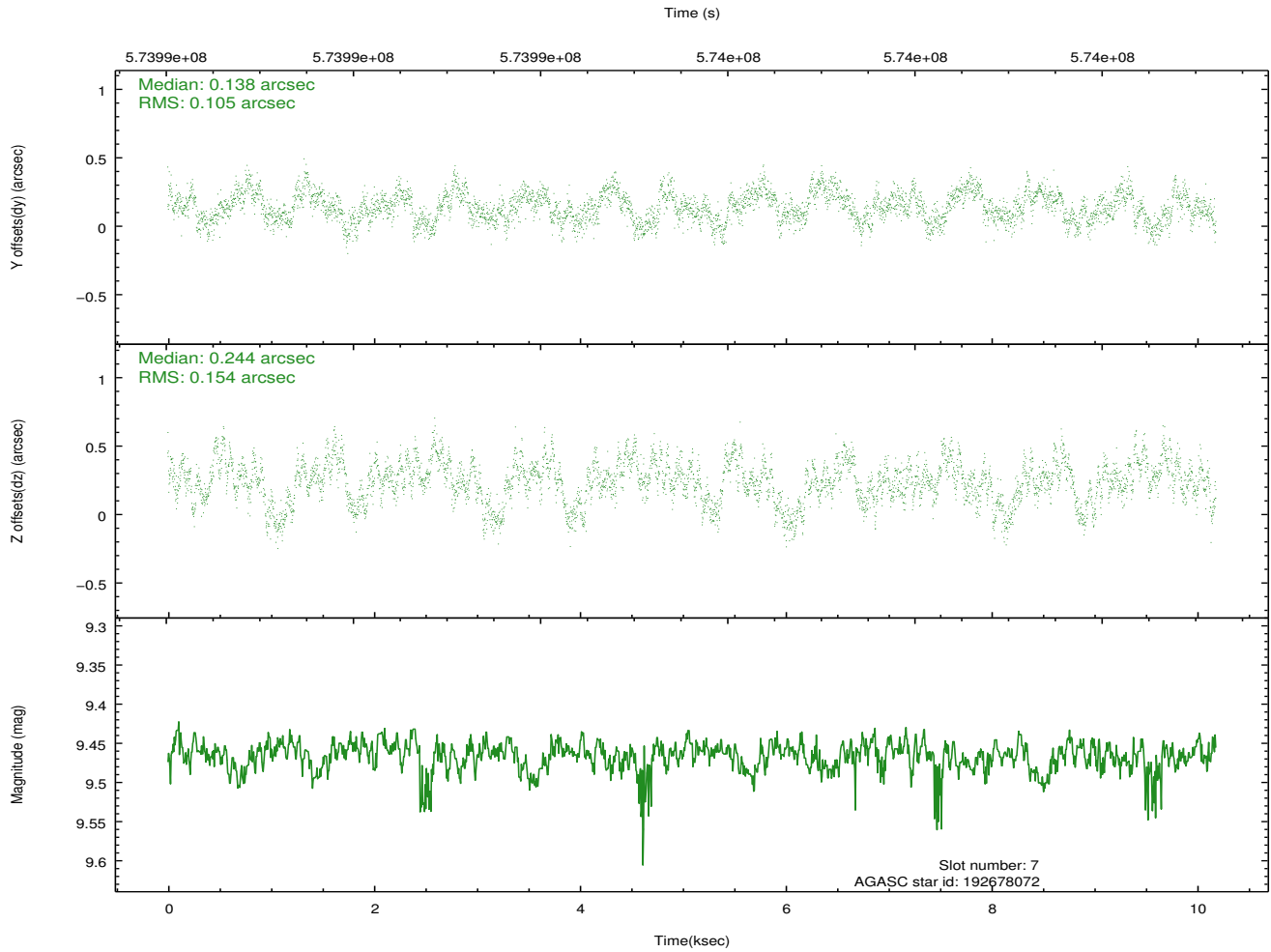
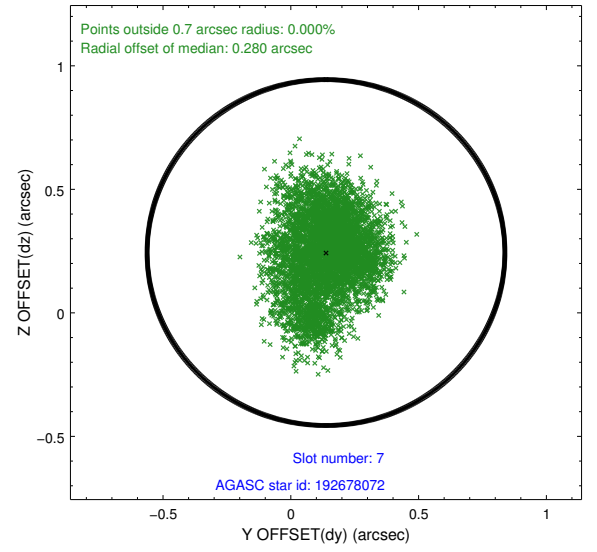
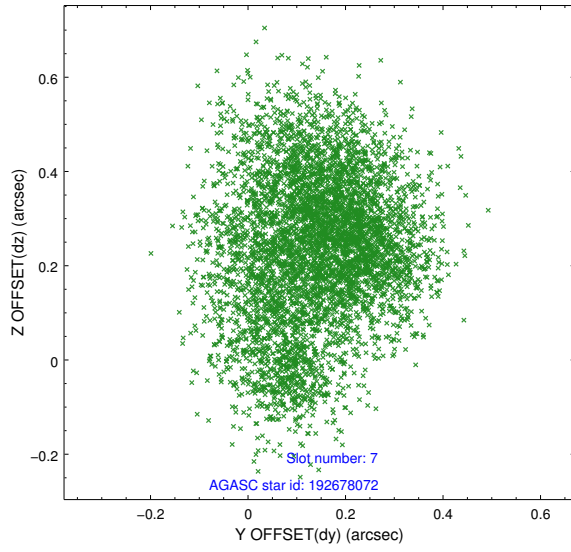
2.4.3 Slot 5



2.4.4 Slot 6

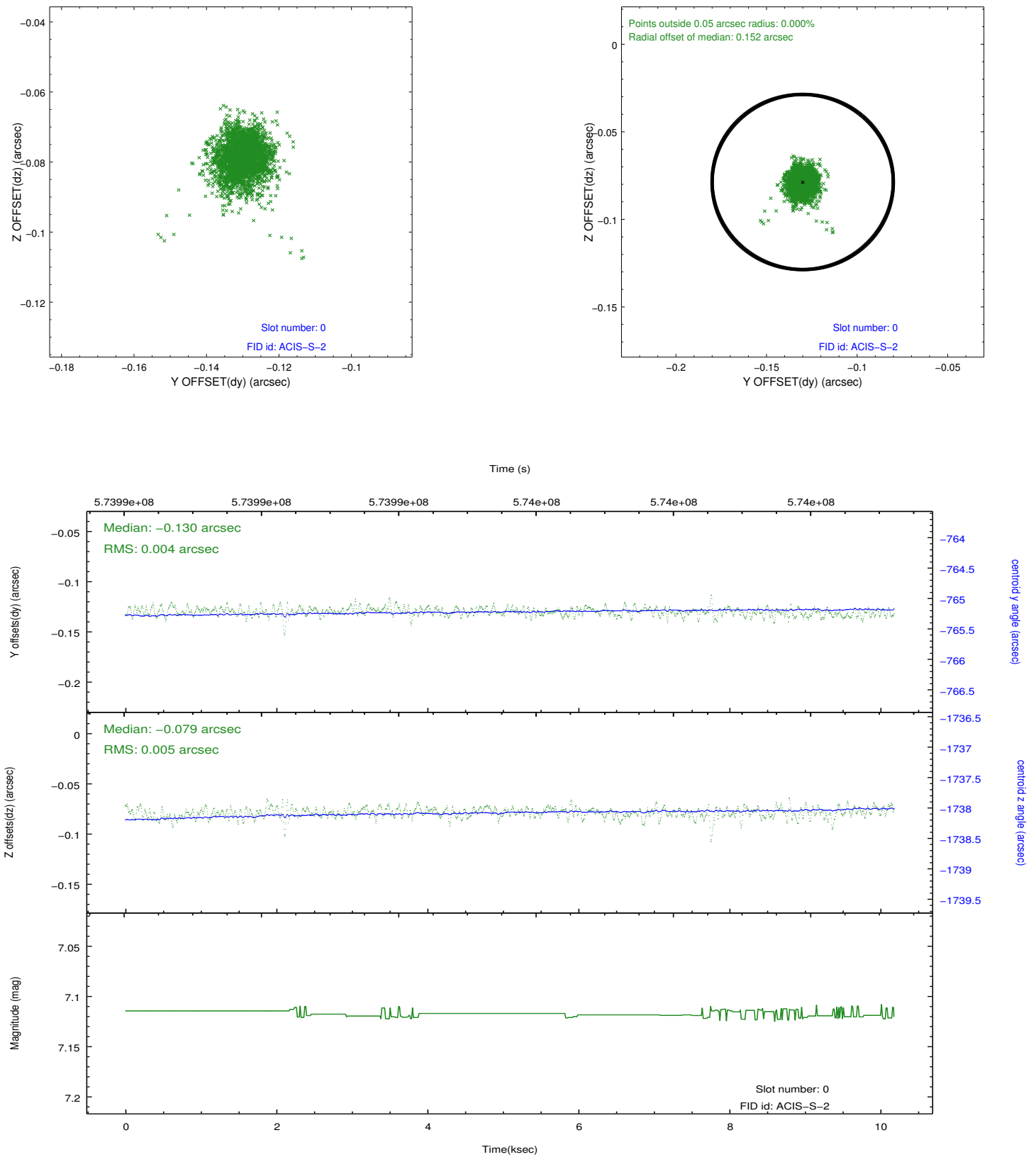


2.4.5 Slot 7

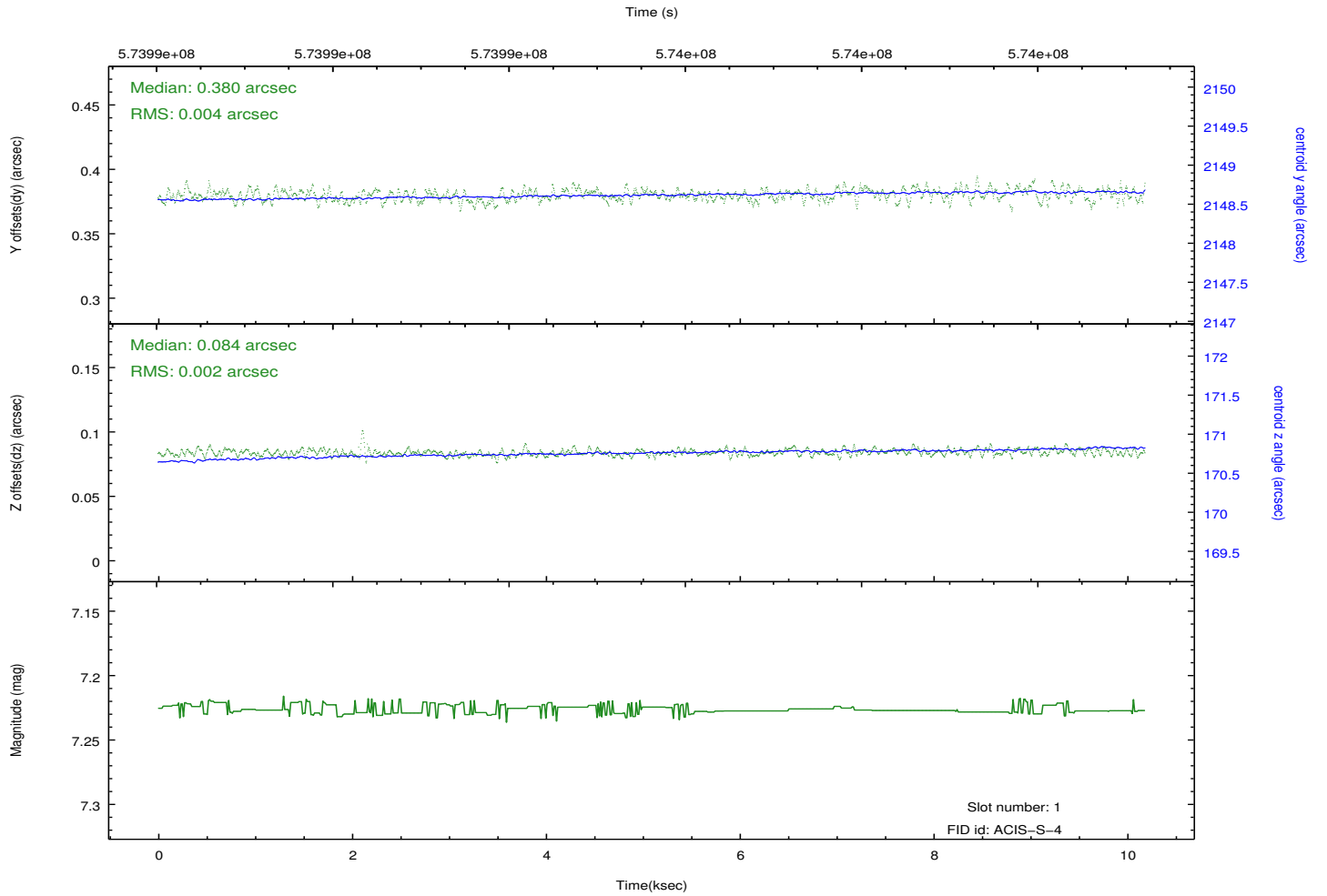
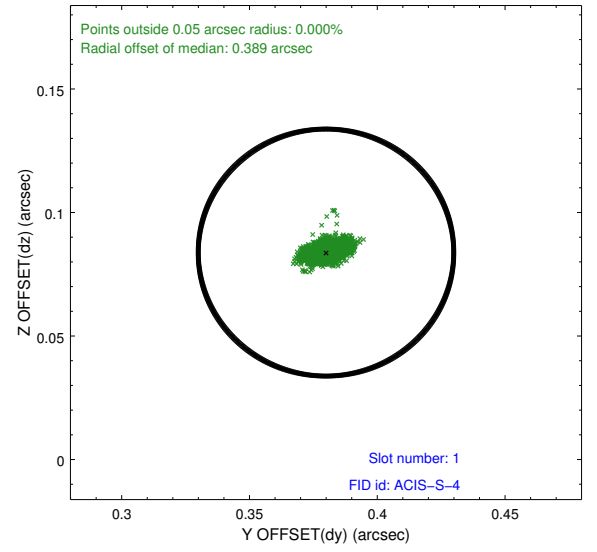
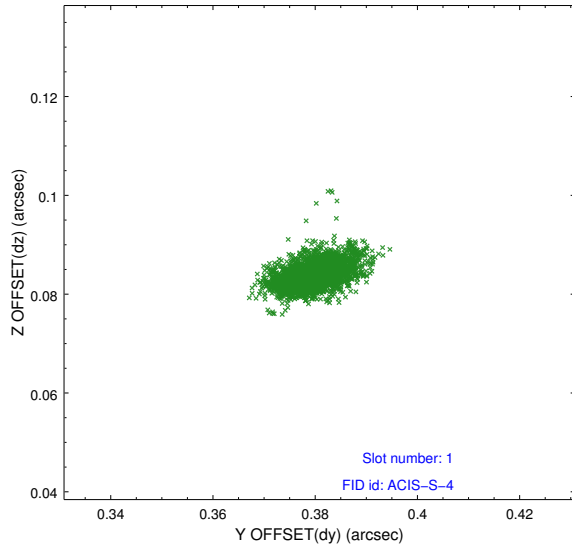


2.5 FID Slots

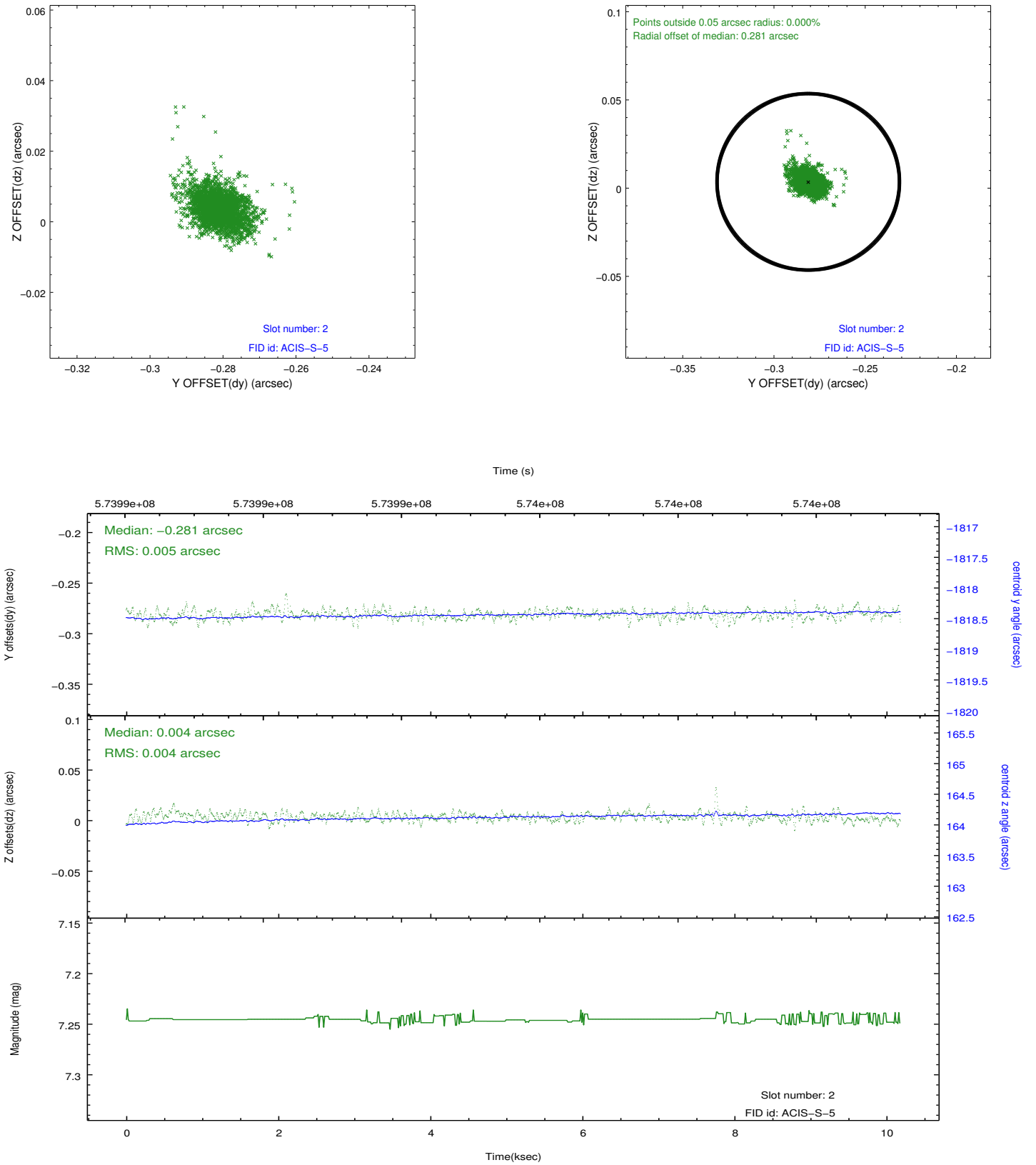
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.061274771094

A.2 Comments