

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 17119 - L2 Version 1
Chandra X-Ray Center

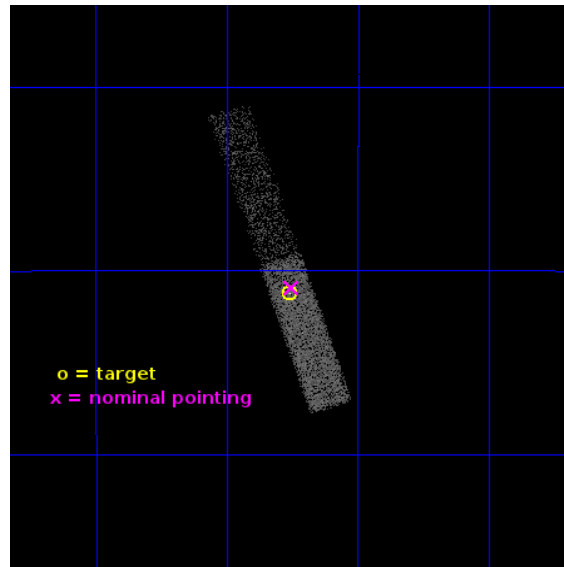
L2 Processing Date : Oct 10 2015

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1 Front

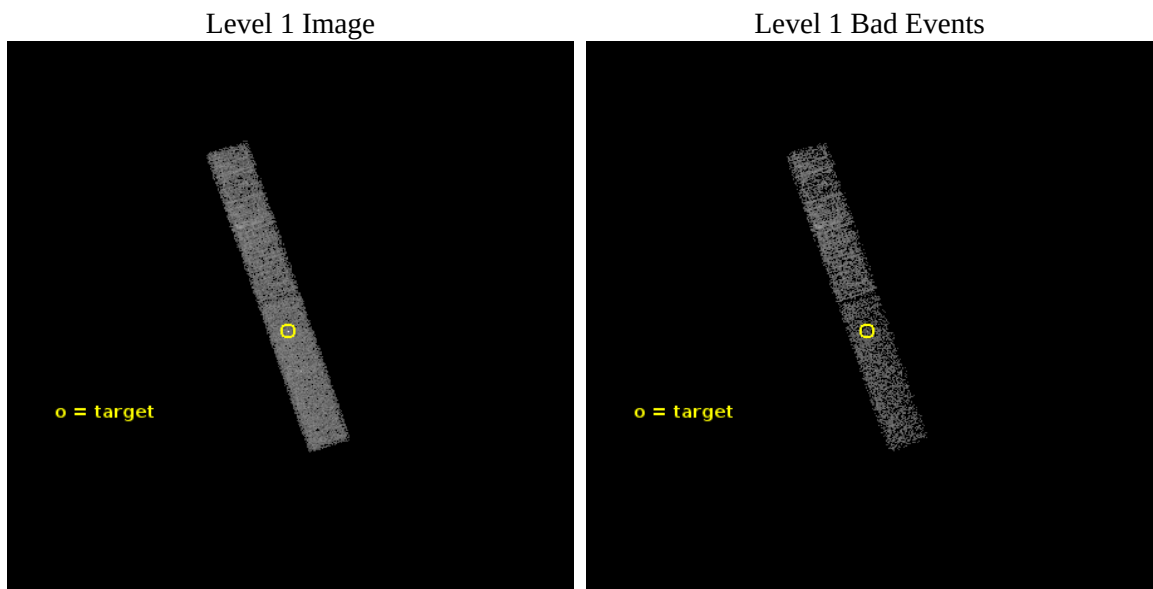
seq_num	703118	Sequence number
obs_id	17119	Observation id
title	UNCOVERING AGN FUELING AND FEEDBACK IN DWARF GALAXIES	Proposal tit
observer	Professor Richard Mushotzky	Principal investigator
object	2MASXJ05054575-2351139	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	76.440417	Observer's specified target RA [deg]
dec_targ	-23.853889	Observer's specified target Dec [deg]
ra_nom	76.43832364851	Nominal RA [deg]
dec_nom	-23.848773692823	Nominal Dec [deg]
roll_nom	71.570735763433	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10098.614383698	Sum of GTIs [s]
livetime	9658.200443475	Livetime [s]
ontime6	10098.573343754	Sum of GTIs [s]
ontime7	10098.614383698	Sum of GTIs [s]
l2events	10702	Number of level 2 events



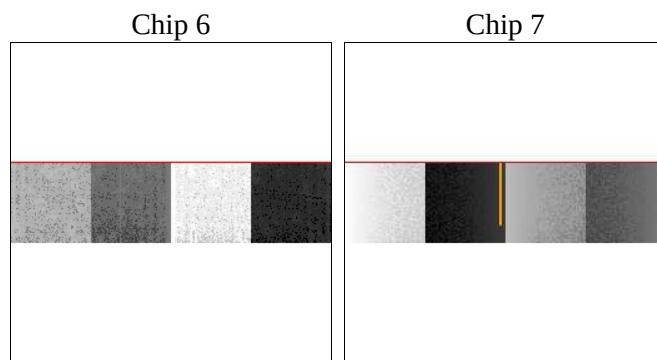
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.2.1	Processing system revision	ontime	10098.614383698	Sum of GTIs [s]
caldsver	4.6.10a	 	ontime6	10098.573343754	Sum of GTIs [s]
date	2015-10-10T15:37:32	Date and time of file creation	ontime7	10098.614383698	Sum of GTIs [s]
revision	1	Processing version of data	l1events	36001	Number of level 1 events

2.1.4 Events

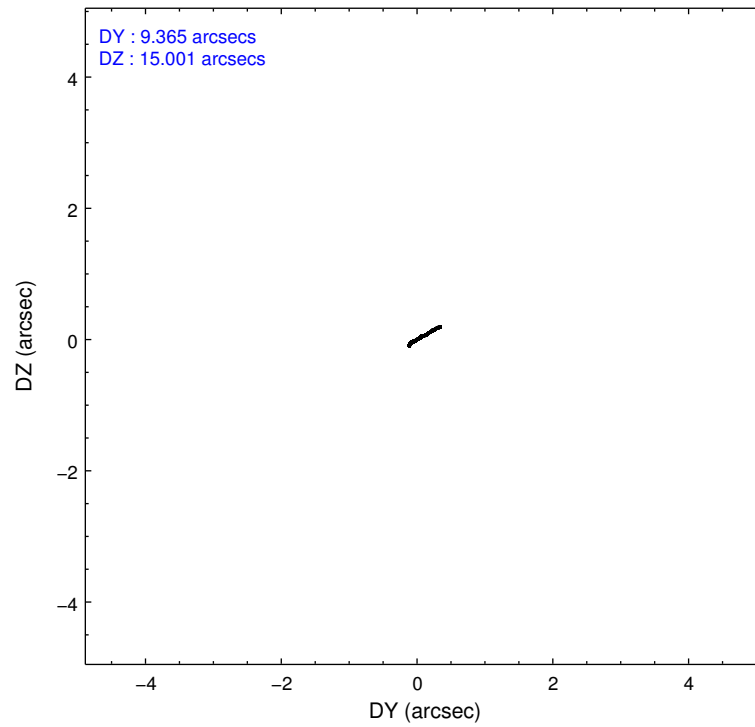
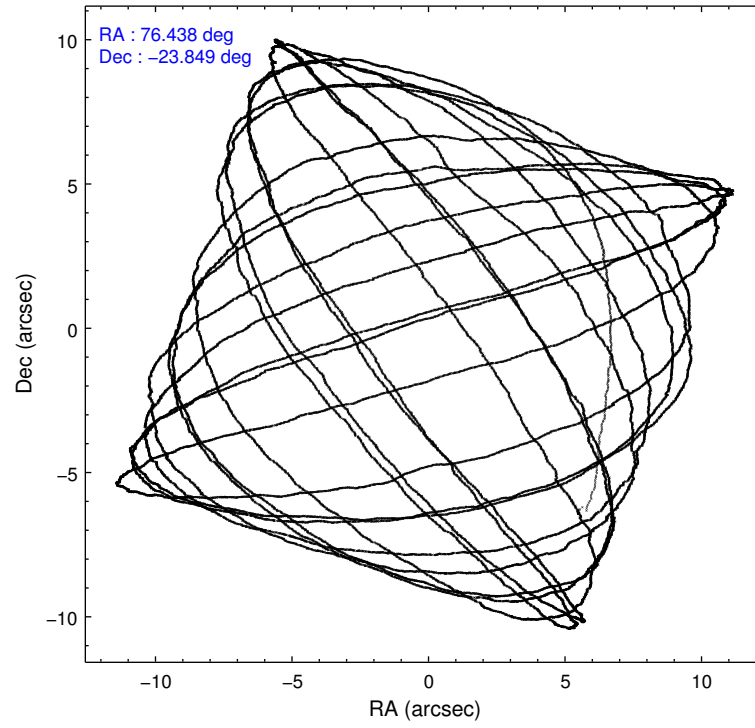
	ccd 6	ccd 7
level 1 events	16672	19329
rejected events	14751	9928
rejected %	88%	51%

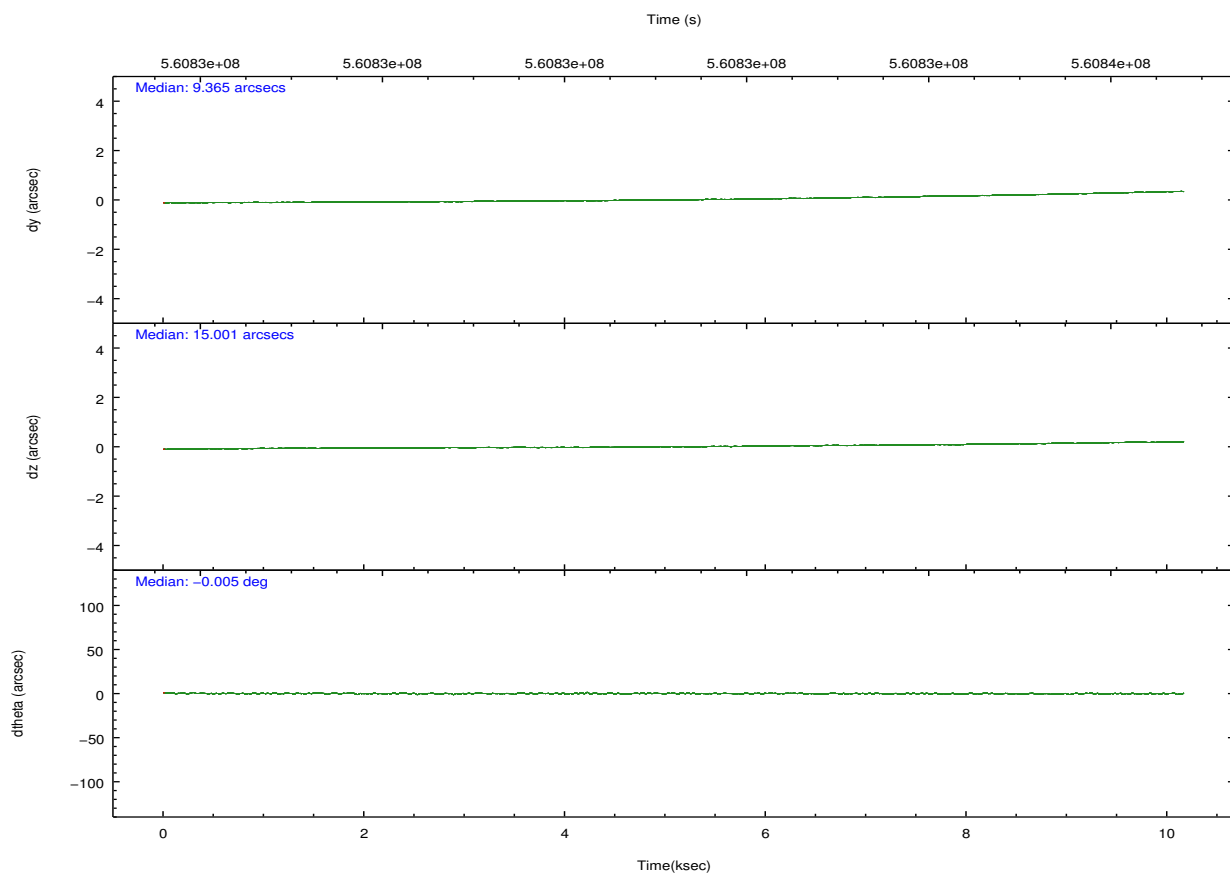
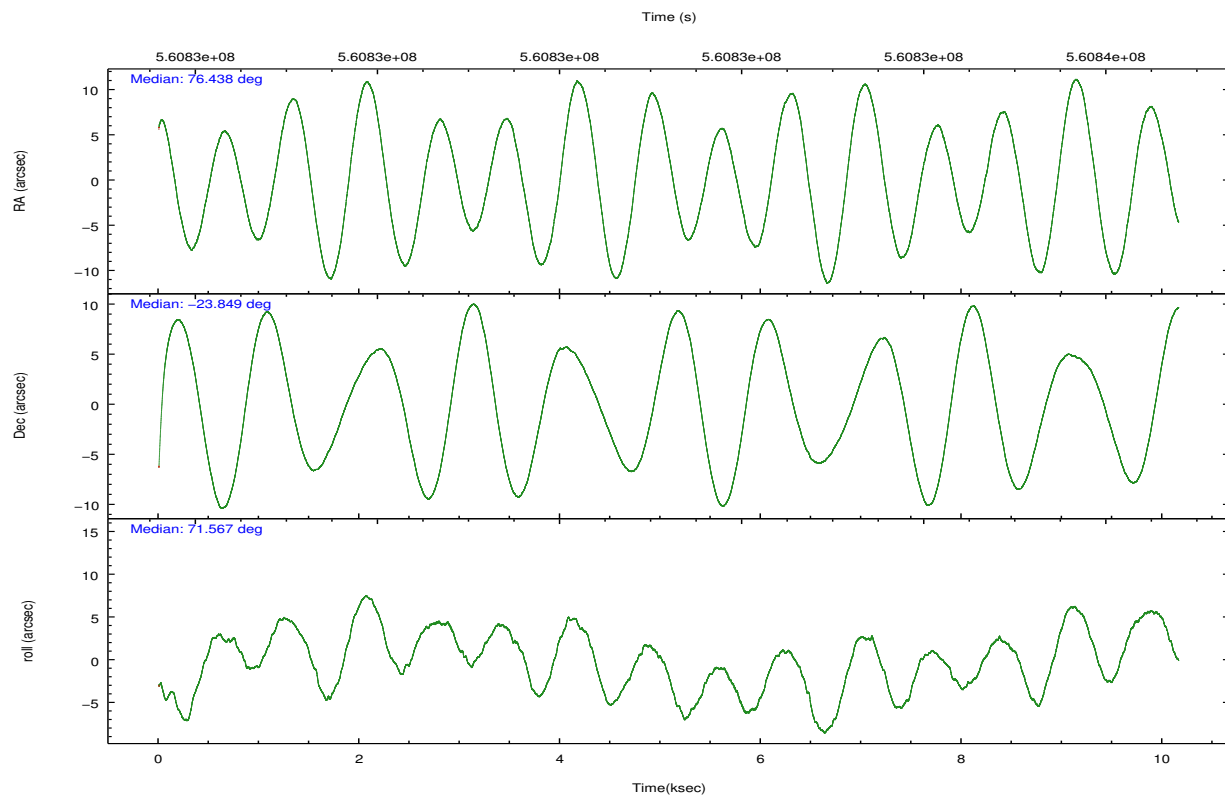
	ccd 6	ccd 7
grade 0 events	549	1029
	3%	5%
grade 1 events	3	28
	0%	0%
grade 2 events	364	1902
	2%	9%
grade 3 events	273	945
	1%	4%
grade 4 events	299	973
	1%	5%
grade 5 events	691	1922
	4%	9%
grade 6 events	436	4553
	2%	23%
grade 7 events	14057	7977
	84%	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-67	ACIS-67	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	76.444736	76.43832364851023	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-23.875612	-23.84877369282337	Subarray start row	385	385
[deg] Pointing Roll	71.416698	71.57073576343305	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	0.9
[mm] SIM translation stage pos	-190.132523	-190.145094680475			
[mm] SIM translation stage offset	0	0.01257209746719923			
[s] Observation start time (MET)	560826281.184000	560824879.30883			
Observation start date	2015-10-10T01:03:33	2015-10-10T00:41:19			
[s] Observation end time (MET)	560836281.184000	560837520.12205			
Observation end date	2015-10-10T03:50:13	2015-10-10T04:12:00			
Read mode	TIMED	TIMED			

2.3 Aspect



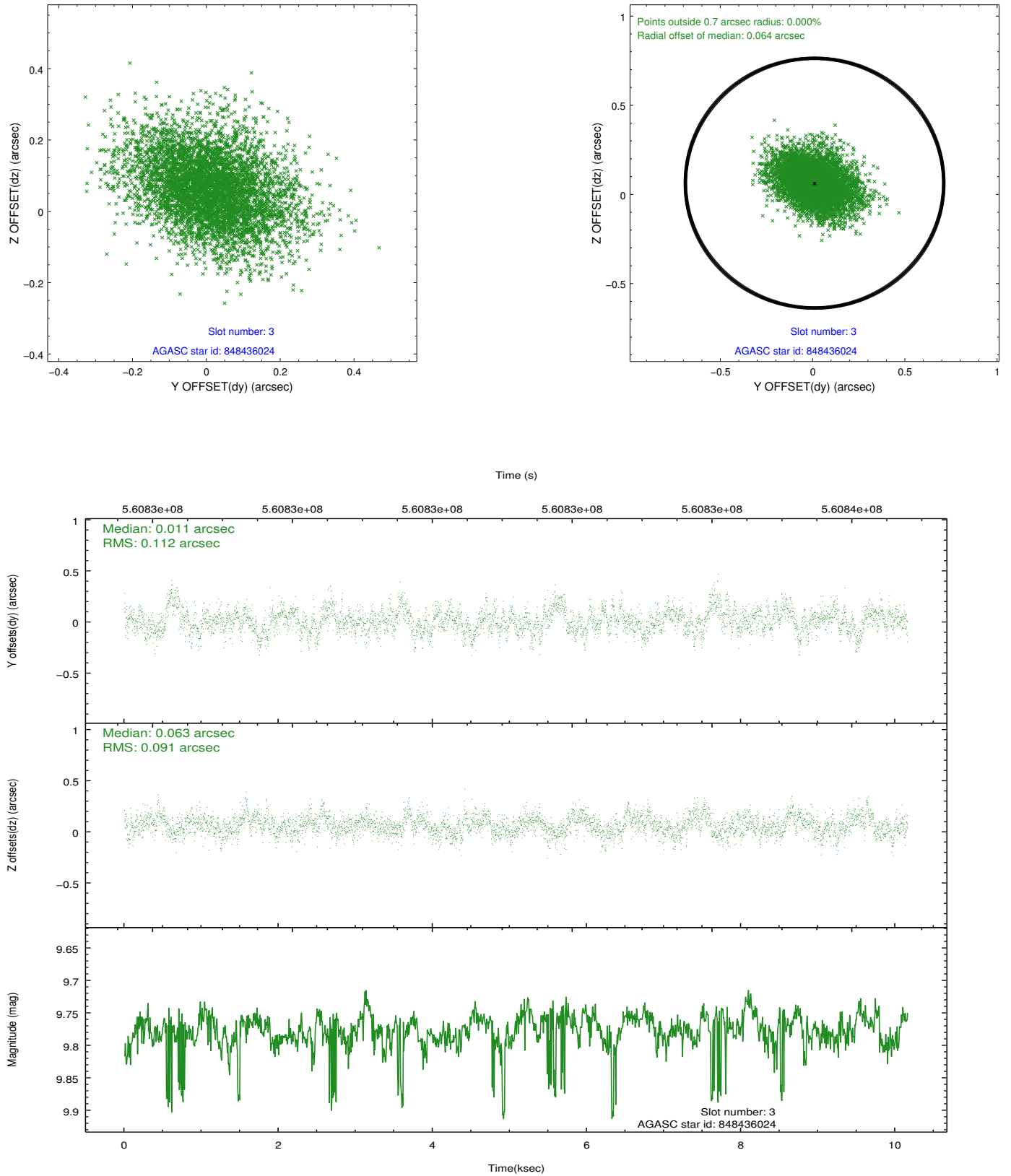


Slot Statistics

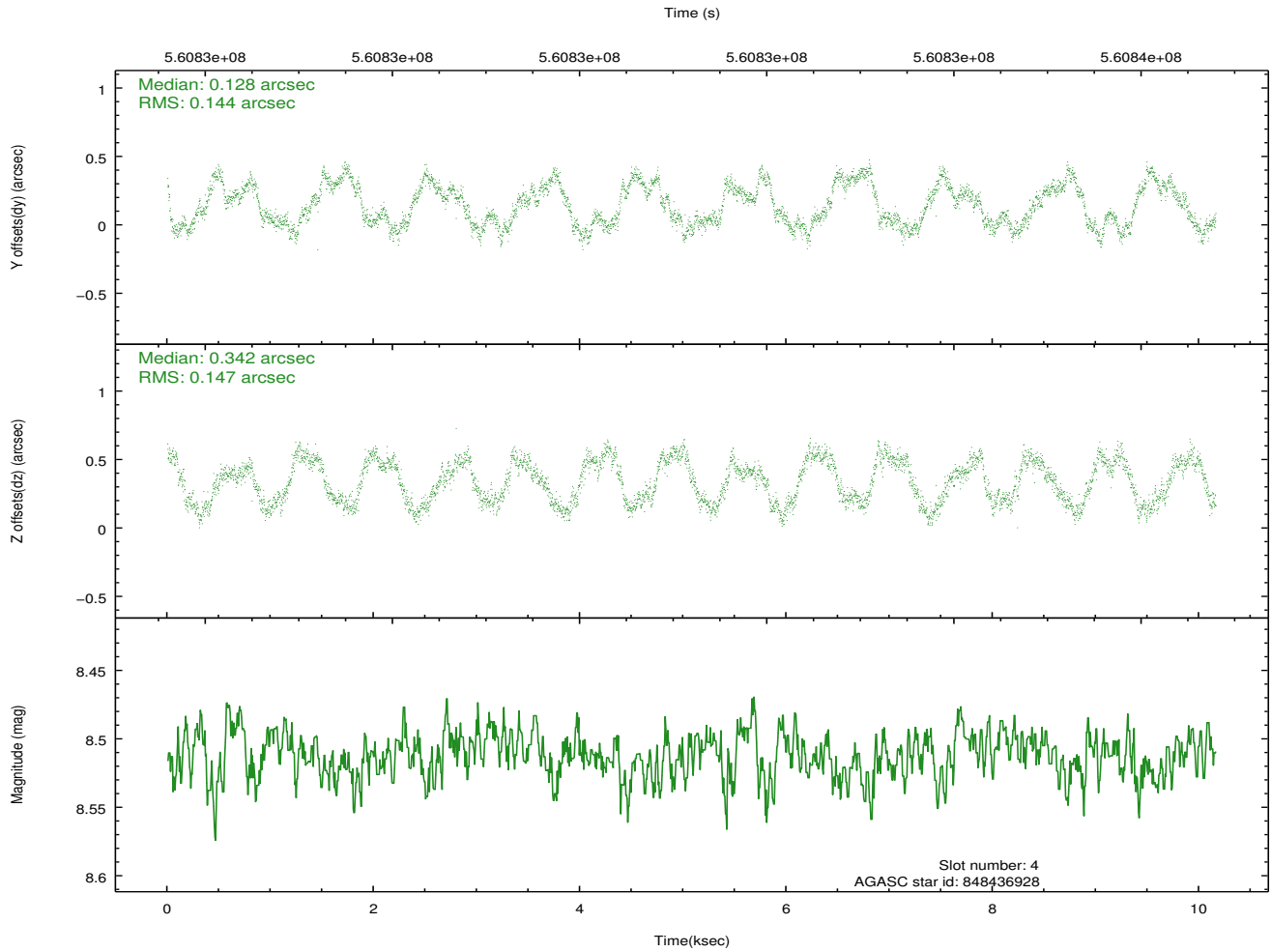
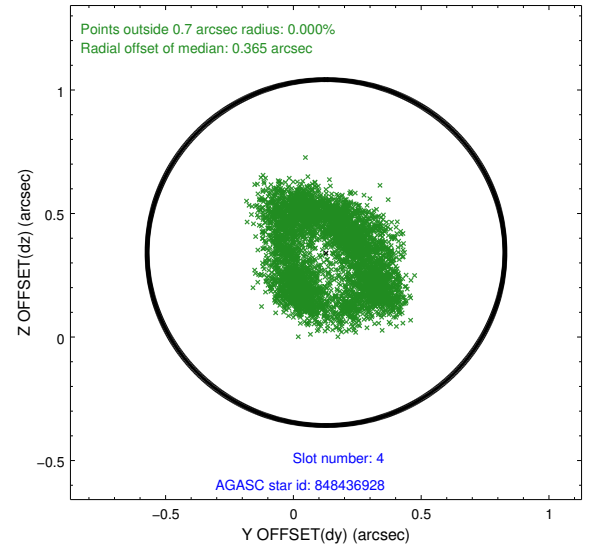
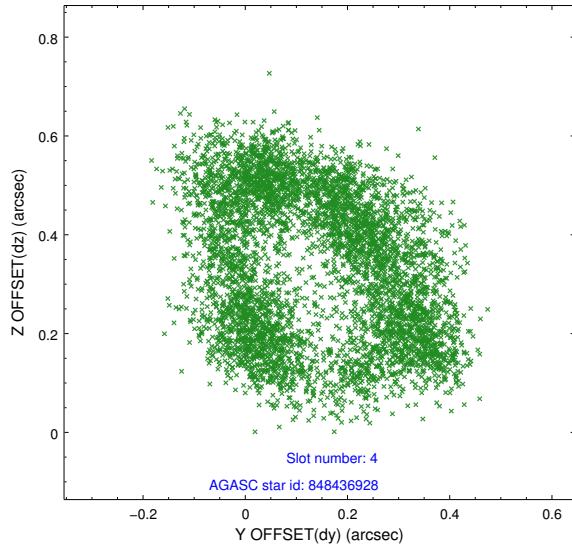
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.14	2479	-0.137	-0.071	0.008	0.013	0.000000	0.000000	-762.34	-1736.38
1	FID		ACIS-S-4	7.23	2479	0.373	0.085	0.007	0.015	0.000000	0.000000	2151.19	171.76
2	FID		ACIS-S-5	7.25	2479	-0.268	-0.006	0.007	0.011	0.000000	0.000000	-1814.67	165.88
3	GUIDE	used	848436024	9.78	4944	0.011	0.063	0.152	0.259	76.766002	-23.369168	2065.46	-425.30
4	GUIDE	used	848436928	8.51	4955	0.128	0.342	0.225	0.306	76.894935	-24.132532	-406.84	-1697.03
5	GUIDE	used	848438264	8.57	4953	0.011	-0.154	0.090	0.147	76.269147	-23.446769	1278.13	1041.39
6	GUIDE	used	848440128	7.95	4957	-0.241	-0.215	0.093	0.142	76.367373	-23.648111	694.99	503.05
7	GUIDE	used	848963696	6.02	4956	0.086	-0.034	0.115	0.172	75.971963	-24.388155	-2245.67	880.07

2.4 Star Slots

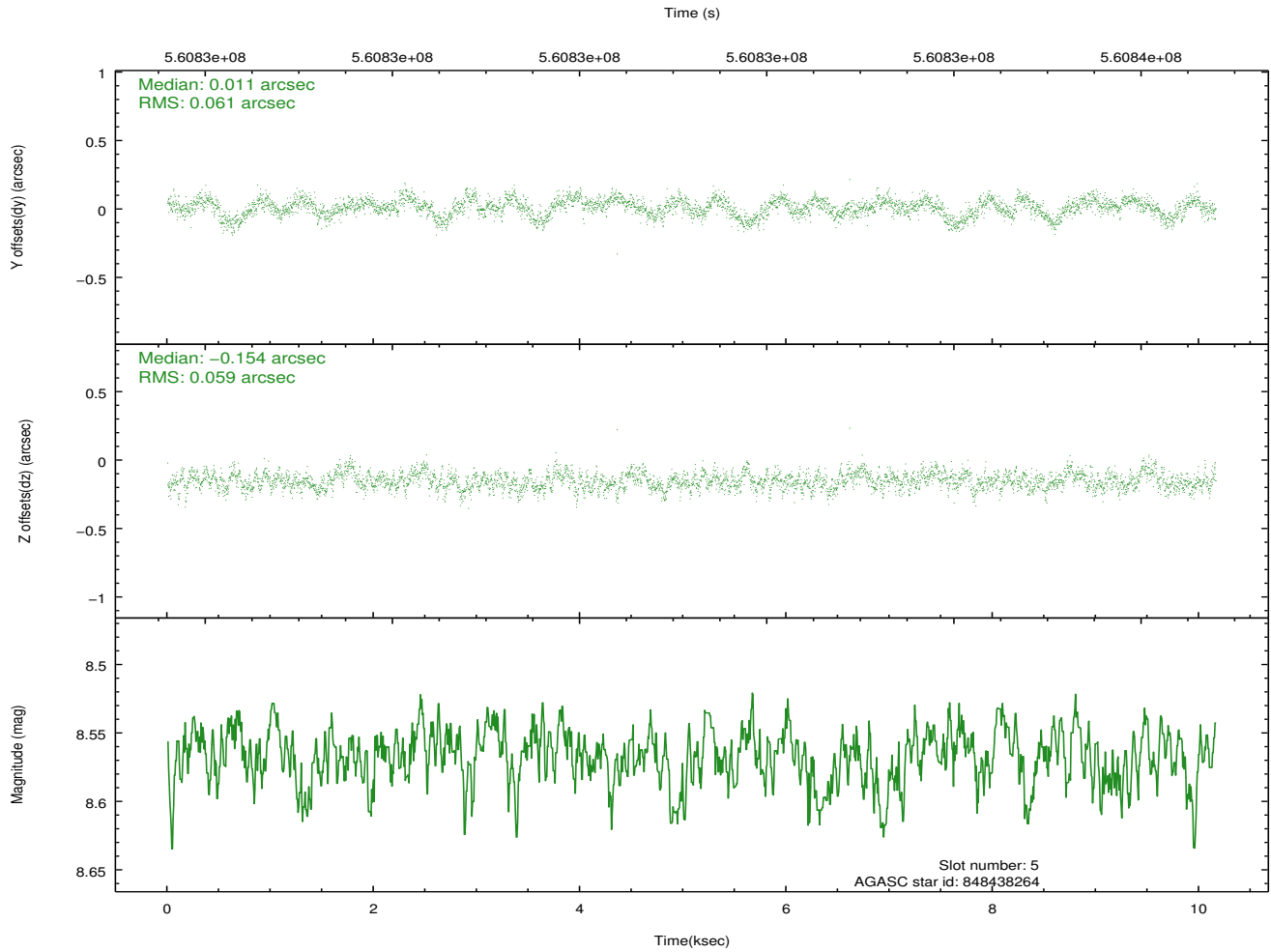
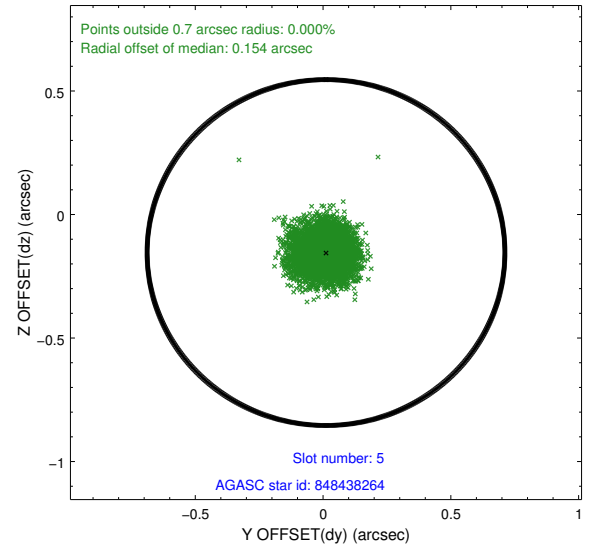
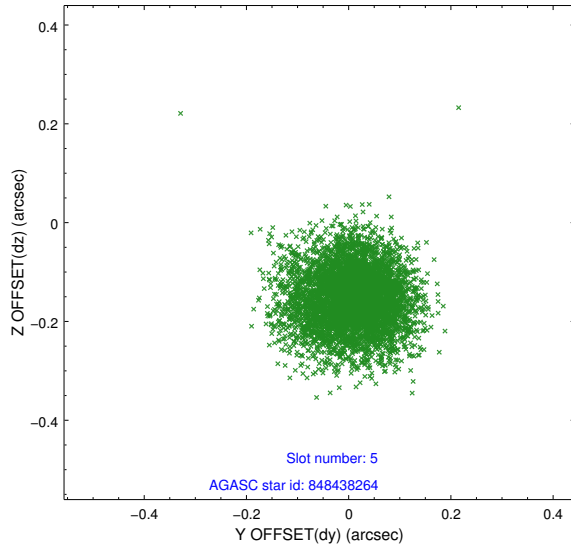
2.4.1 Slot 3



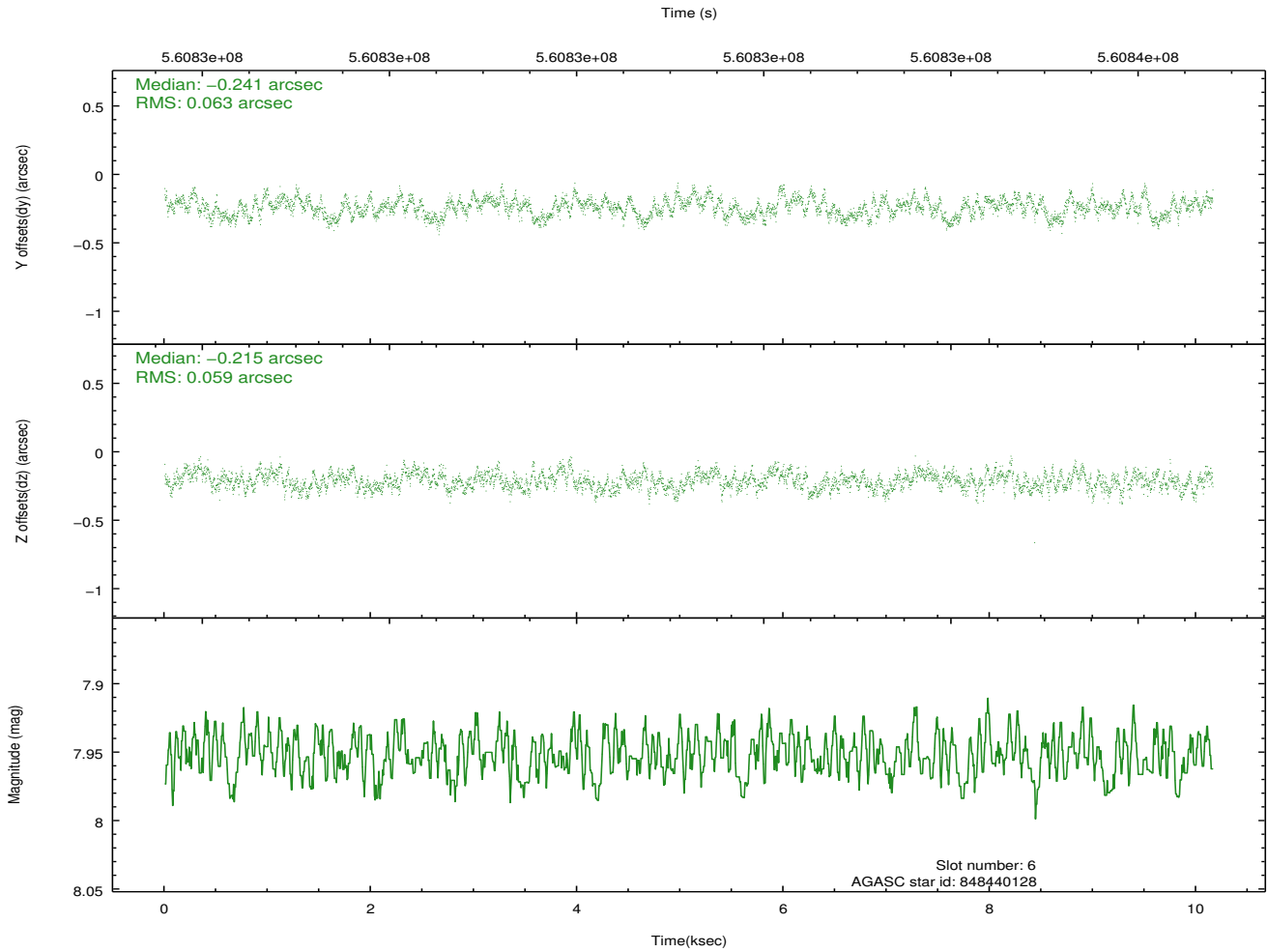
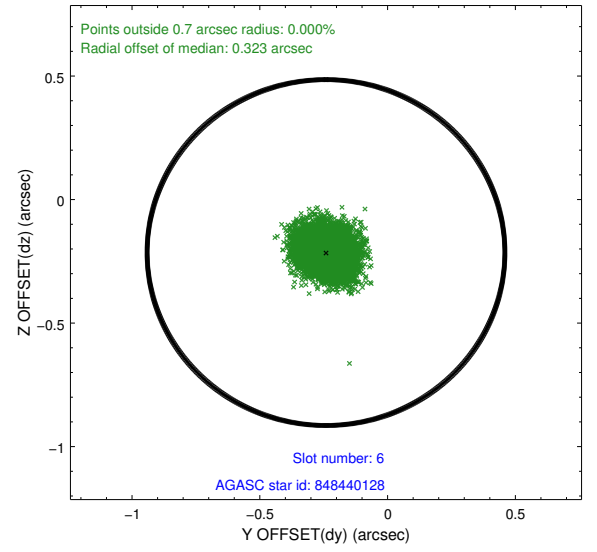
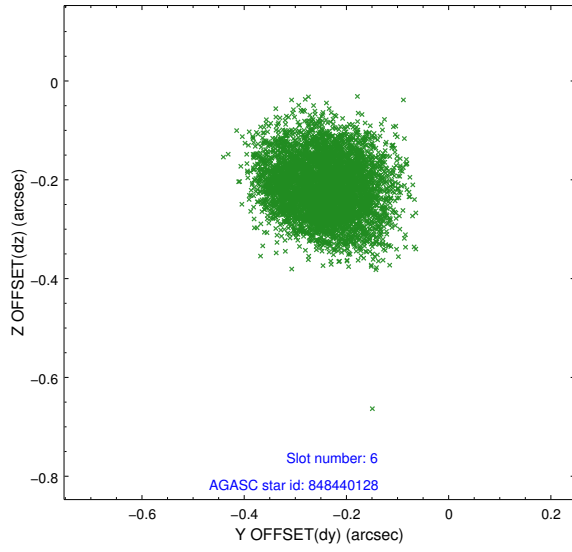
2.4.2 Slot 4



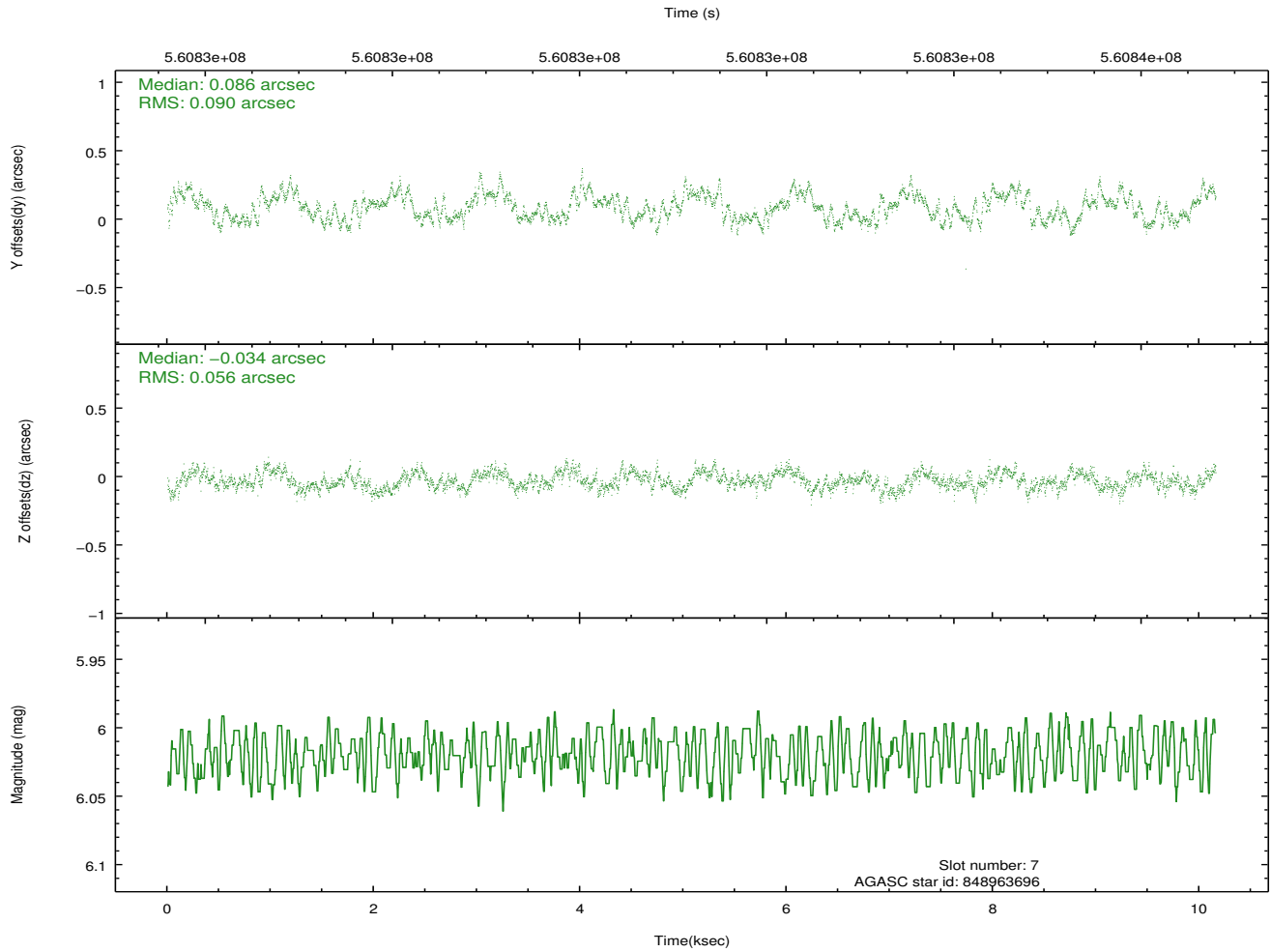
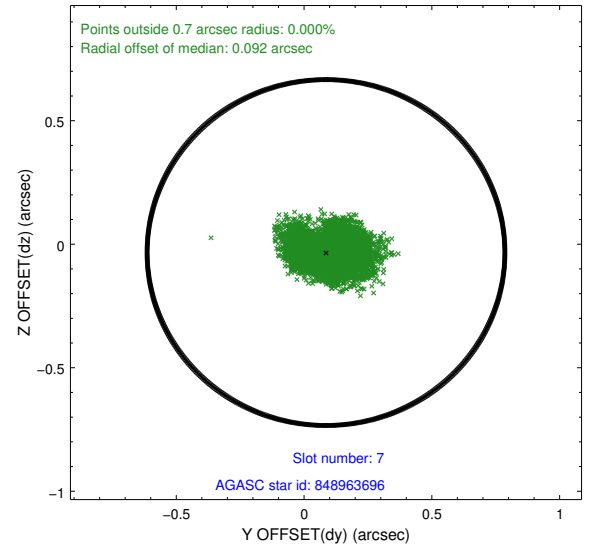
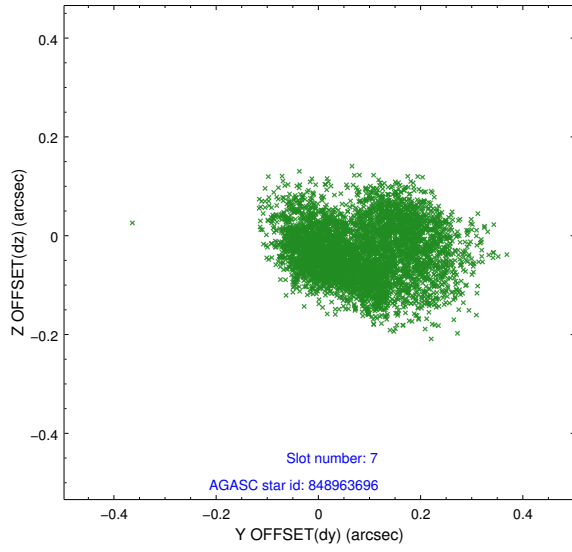
2.4.3 Slot 5



2.4.4 Slot 6

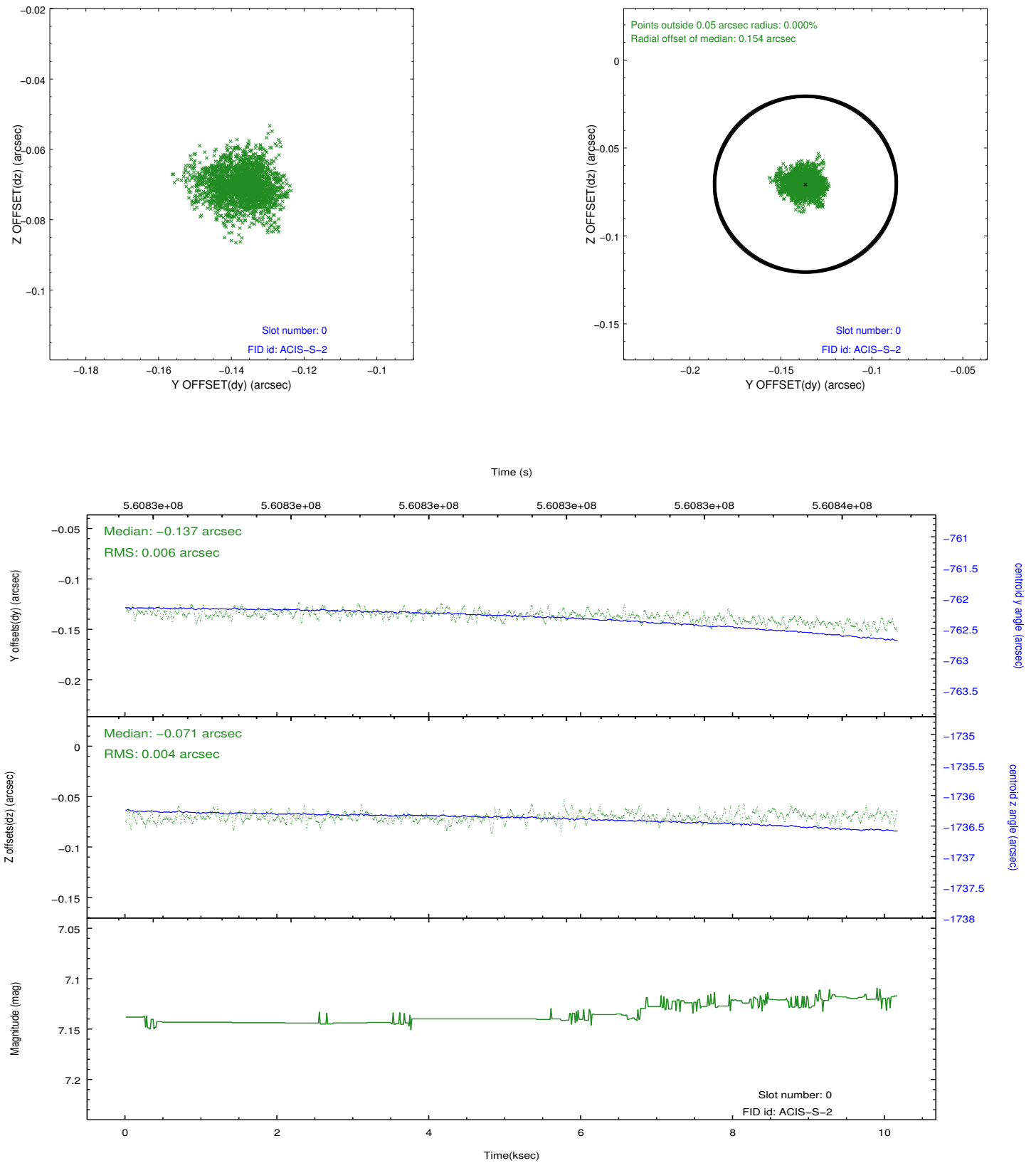


2.4.5 Slot 7

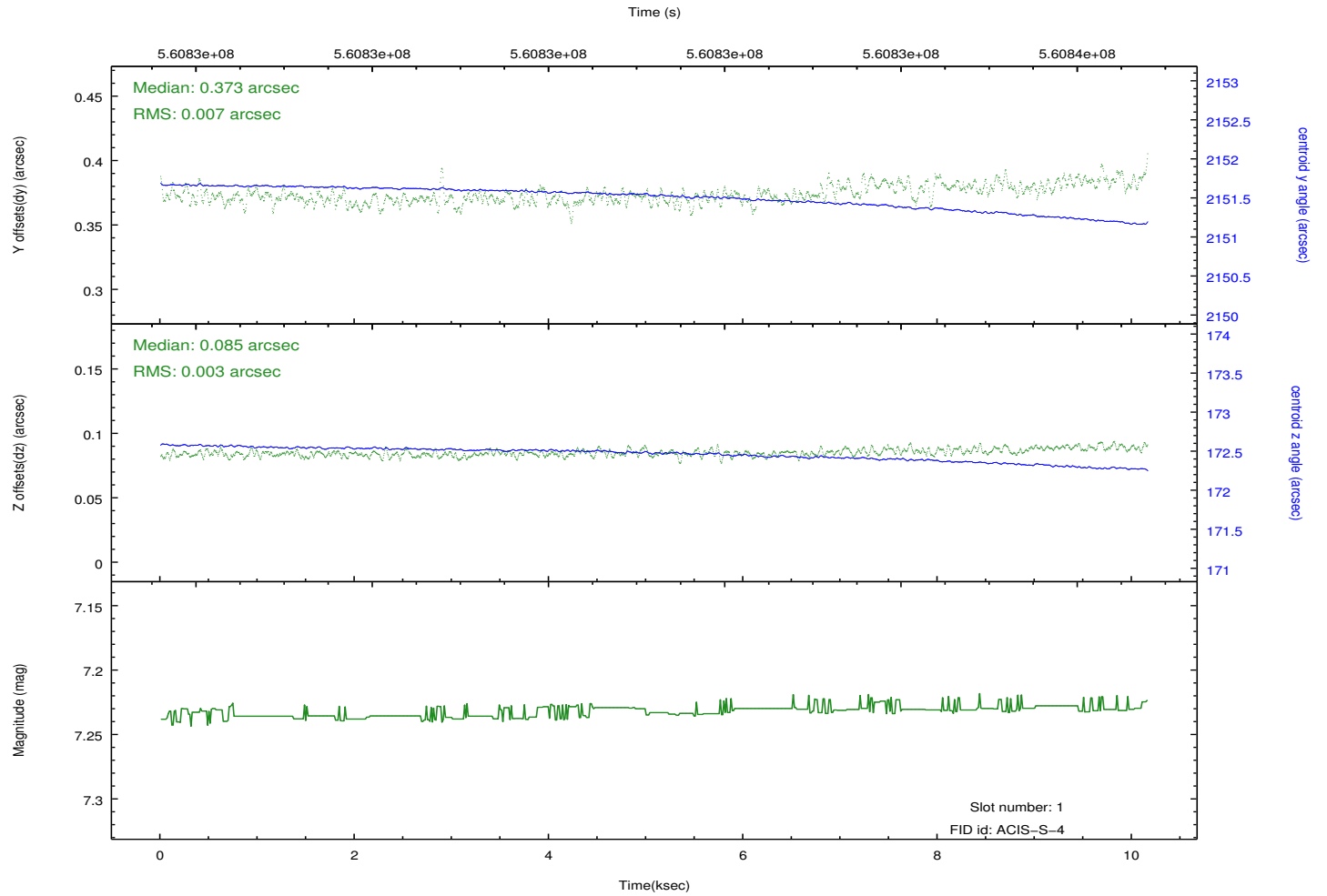
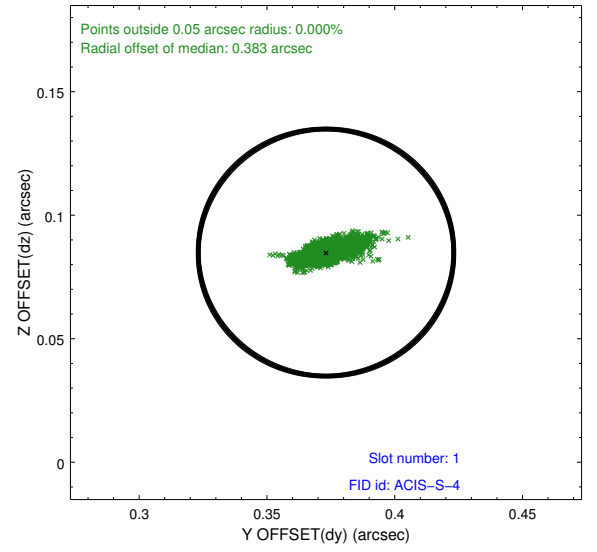
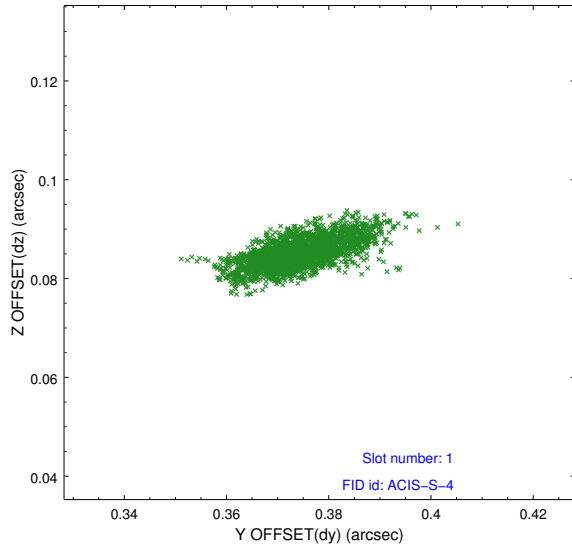


2.5 FID Slots

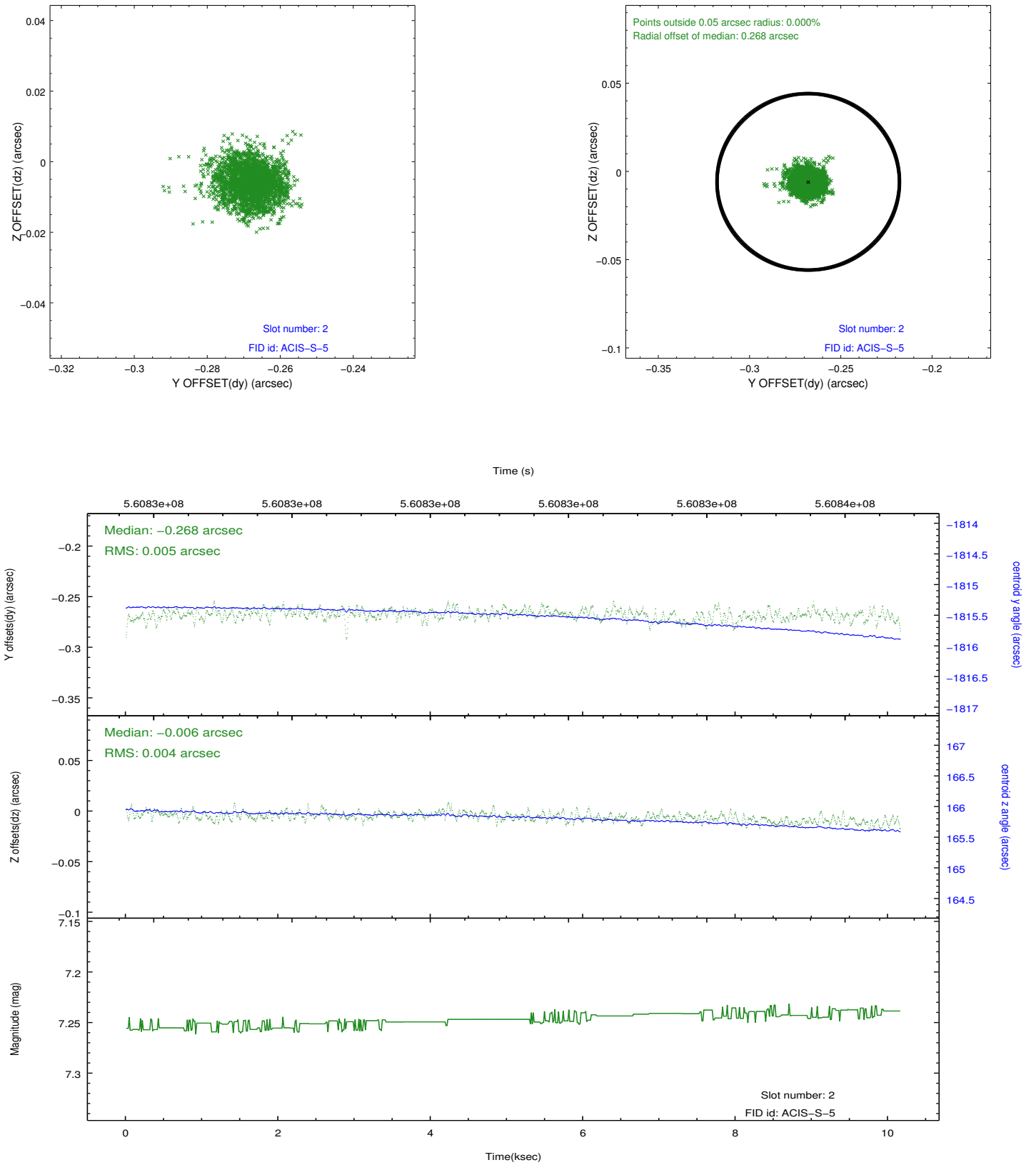
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.10.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.098614383698

A.2 Comments