

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9448 - L2 Version 2
Chandra X-Ray Center

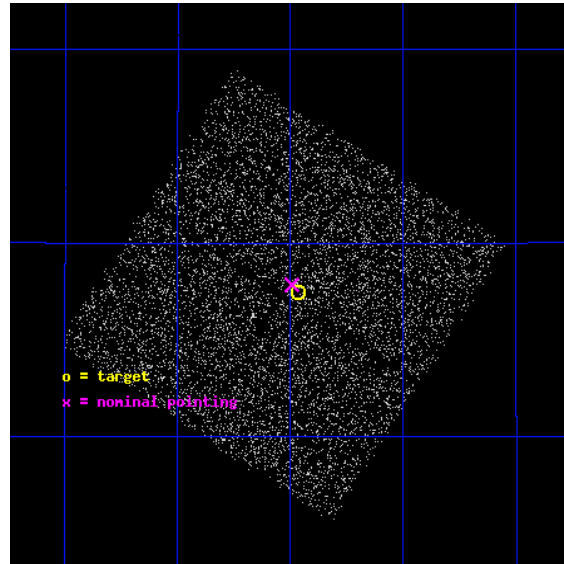
L2 Processing Date : May 25 2012

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1 Front

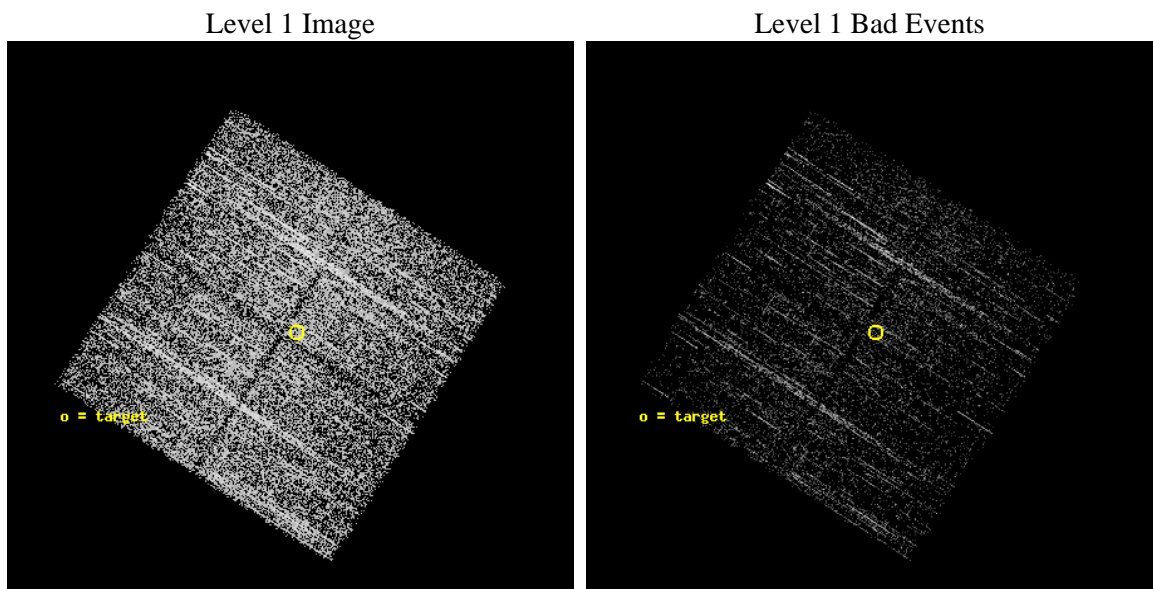
seq_num	900794	Sequence number
obs_id	9448	Observation id
title	Comparing the emission from an unbiased AGN sample with the X-ray background	Proposal title
observer	Dr Roland Walter	Principal investigator
object	IGRJ12275 +3759	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	186.991667	Observer's specified target RA [deg]
dec_targ	38.124722	Observer's specified target Dec [deg]
ra_nom	186.99829571813	Nominal RA [deg]
dec_nom	38.130794009067	Nominal Dec [deg]
roll_nom	32.692553762549	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1909.6000146866	Sum of GTIs [s]
livetime	1884.6496846676	Livetime [s]
ontime0	1909.6000146866	Sum of GTIs [s]
ontime1	1909.6000146866	Sum of GTIs [s]
ontime2	1909.6000146866	Sum of GTIs [s]
ontime3	1909.6000146866	Sum of GTIs [s]
l2events	8337	Number of level 2 events



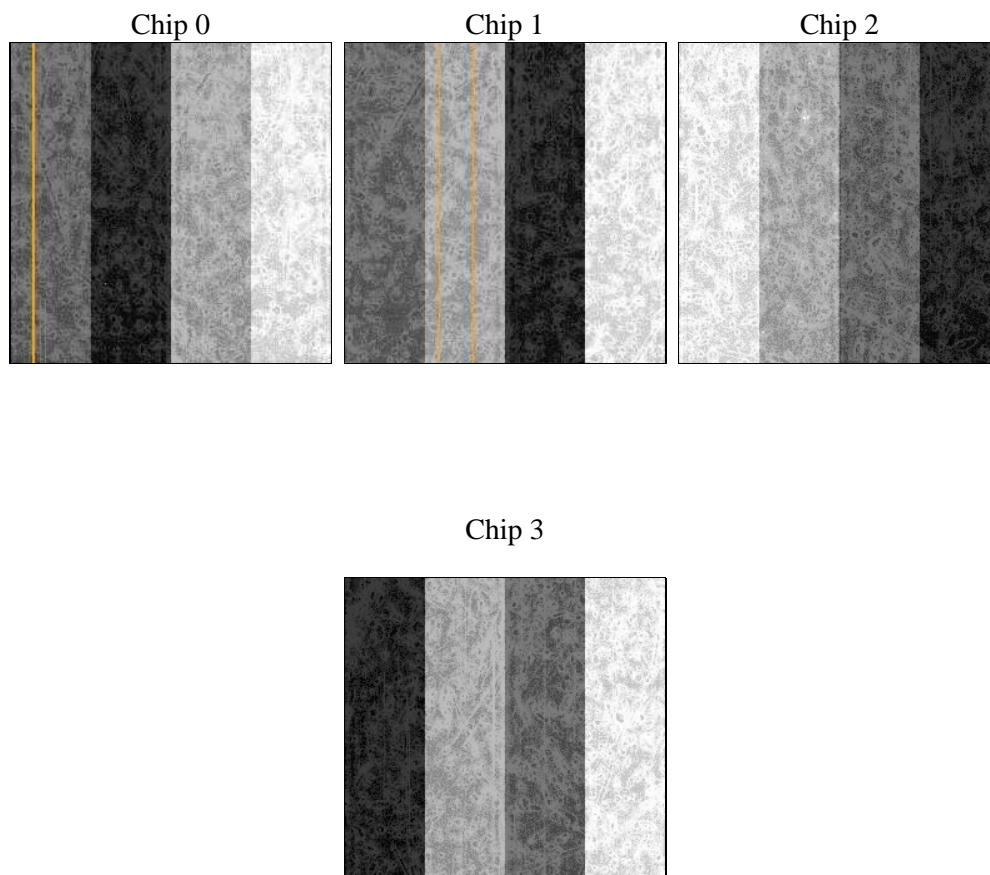
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2121.562000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1909.6000146866	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	1909.6000146866	Sum of GTIs [s]
date	2012-05-25T05:09:21	Date and time of file creation	ontime1	1909.6000146866	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1909.6000146866	Sum of GTIs [s]
			ontime3	1909.6000146866	Sum of GTIs [s]
			l1events	73143	Number of level 1 events

2.1.4 Events

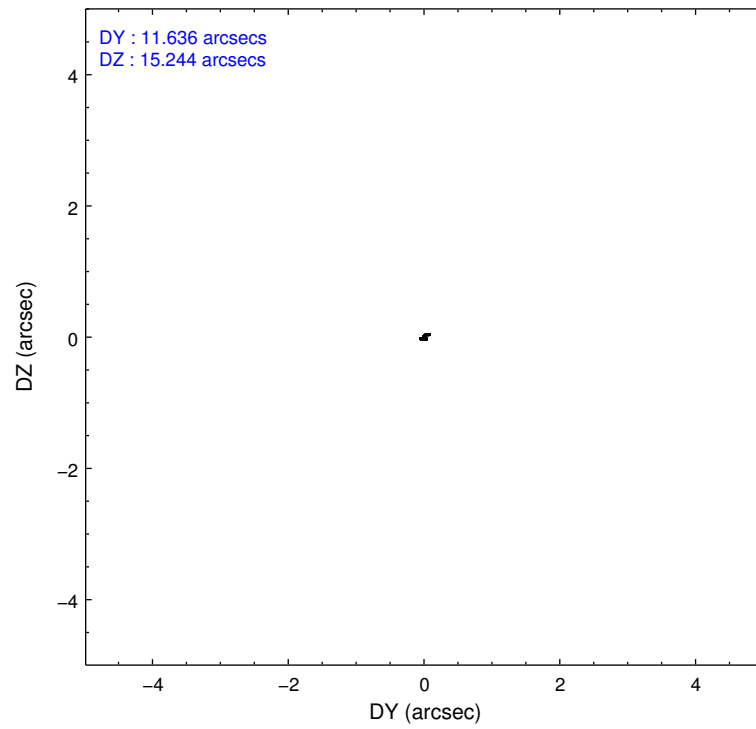
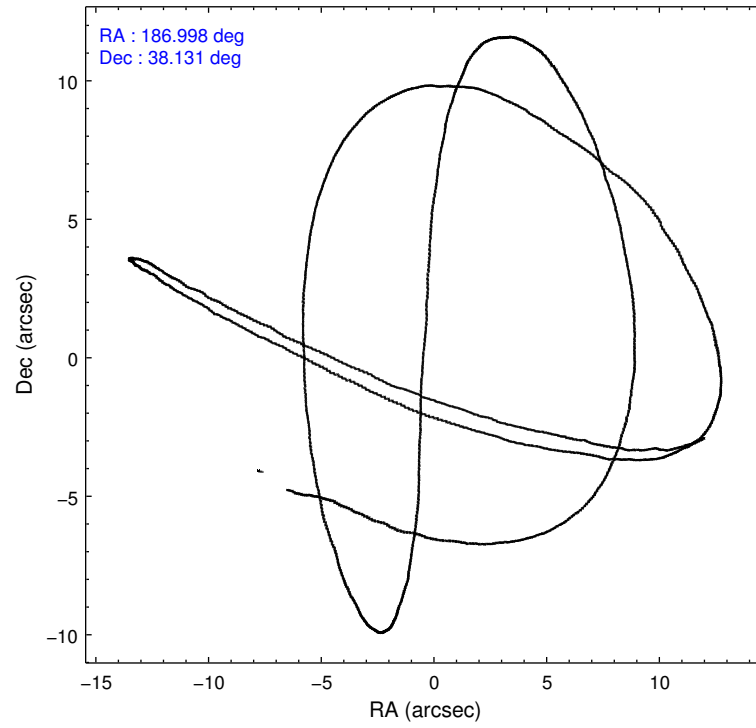
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	18031	17454	19894	17764
rejected events	15637	14934	17519	15398
rejected %	86%	85%	88%	86%

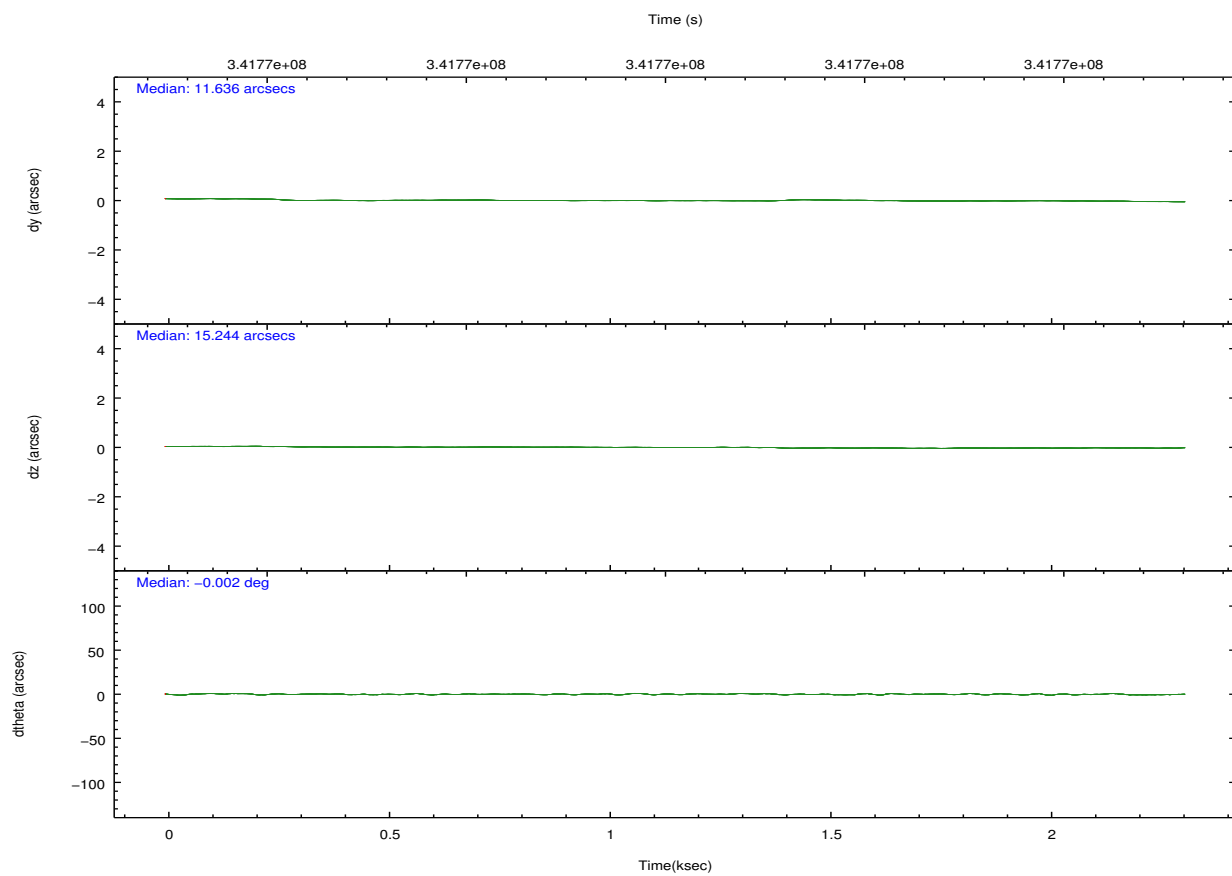
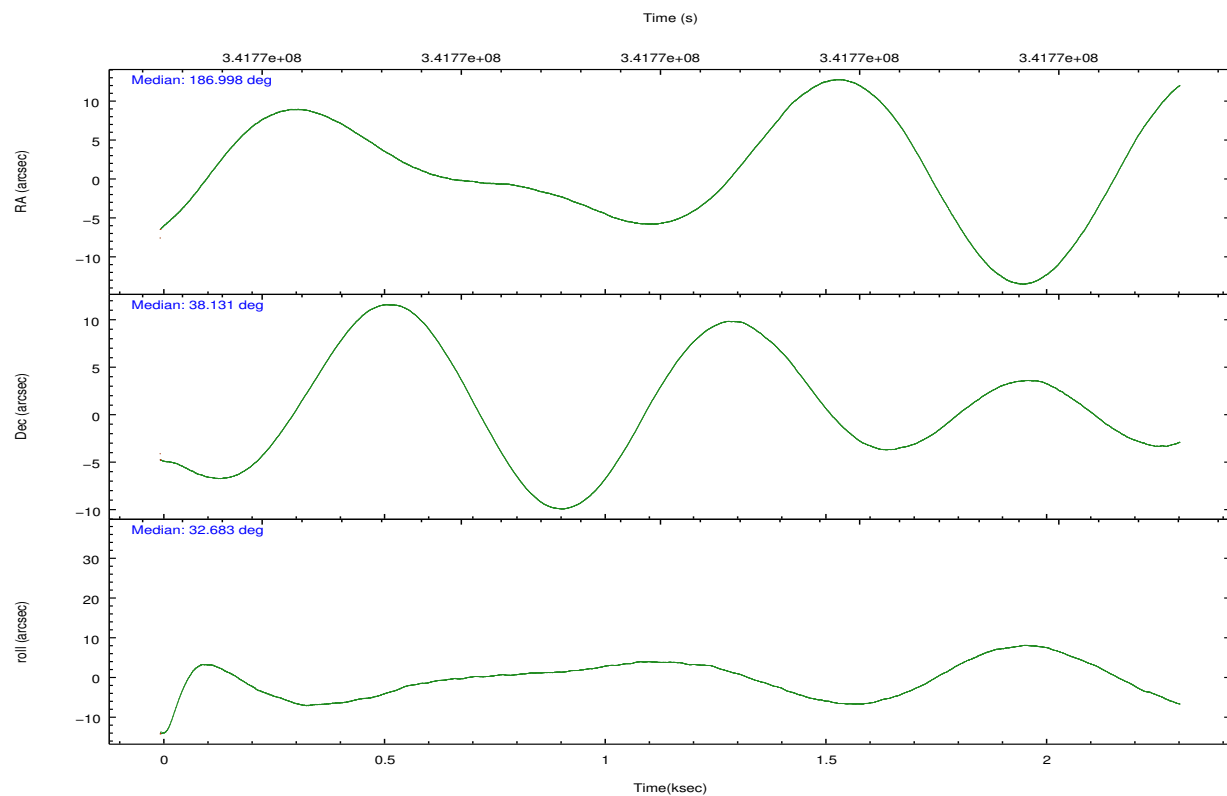
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	1044	1003	1094	1010
	5%	5%	5%	5%
grade 1 events	13	6	13	12
	0%	0%	0%	0%
grade 2 events	553	603	512	445
	3%	3%	2%	2%
grade 3 events	209	215	211	236
	1%	1%	1%	1%
grade 4 events	204	210	208	241
	1%	1%	1%	1%
grade 5 events	816	849	755	931
	4%	4%	3%	5%
grade 6 events	389	498	362	443
	2%	2%	1%	2%
grade 7 events	14803	14070	16739	14446
	82%	80%	84%	81%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	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	186.982365	186.9982957181299	Subarray requested	NONE	NONE
[deg] Pointing Dec	38.106425	38.13079400906665	Alternating exposures requested	N	N
[deg] Pointing Roll	32.493841	32.69255376254891	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	341772054.184000	341771522.48179			
Observation start date	2008-10-30T16:39:49	2008-10-30T16:32:02			
[s] Observation end time (MET)	341774175.184000	341774414.51943			
Observation end date	2008-10-30T17:15:10	2008-10-30T17:20:14			
Read mode	TIMED	TIMED			

2.3 Aspect



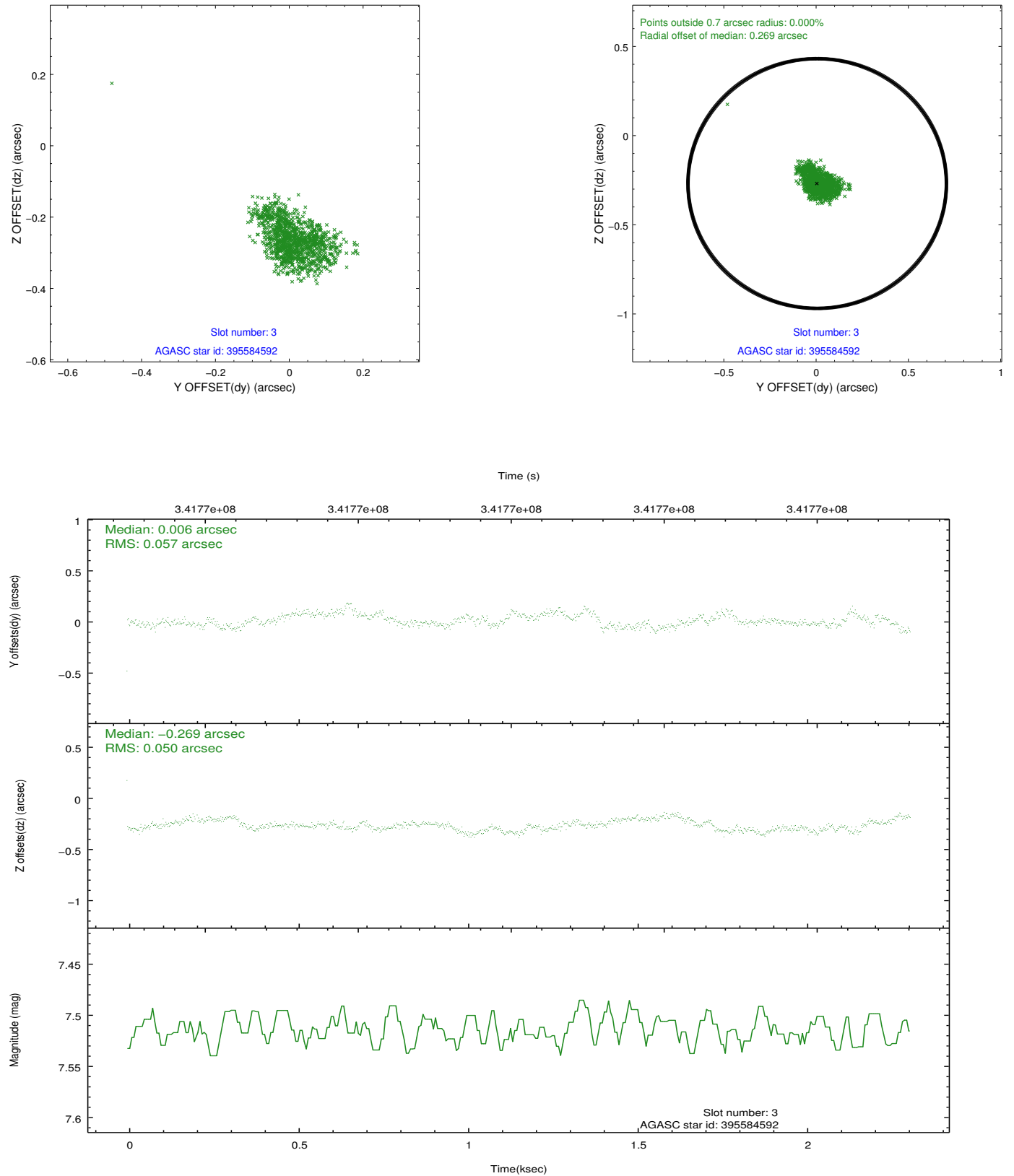


Slot Statistics

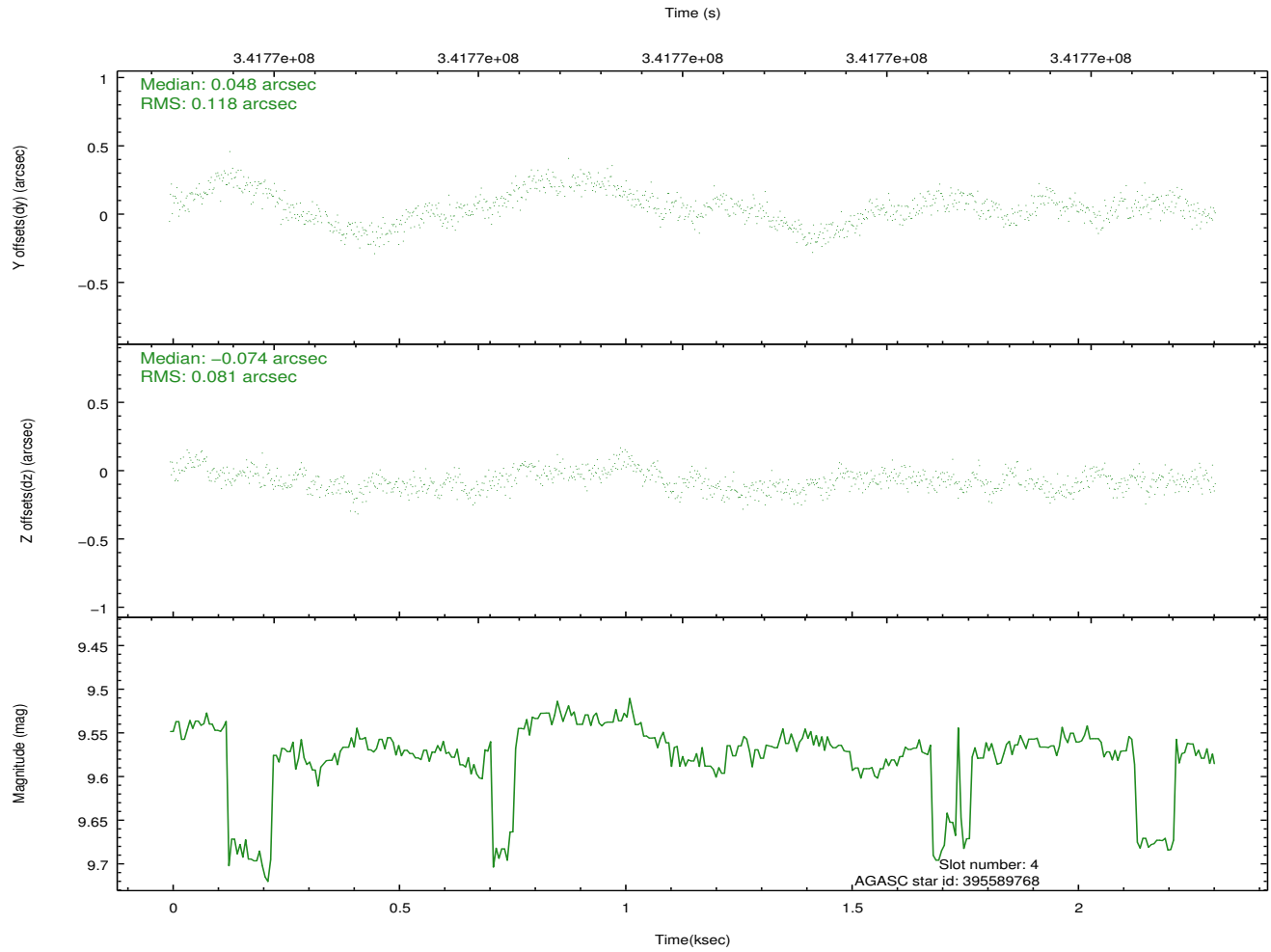
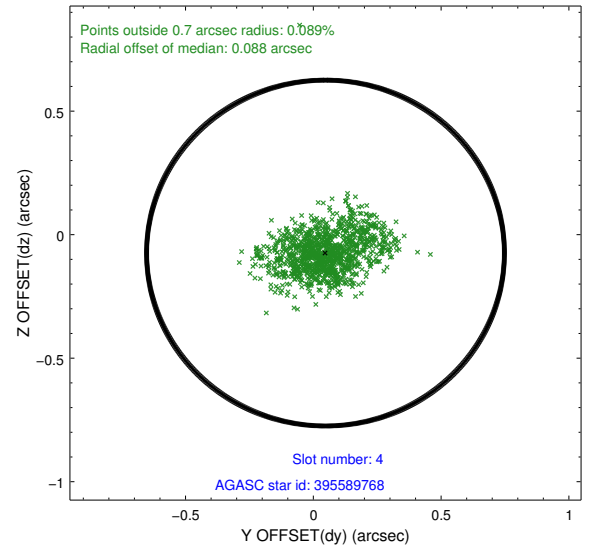
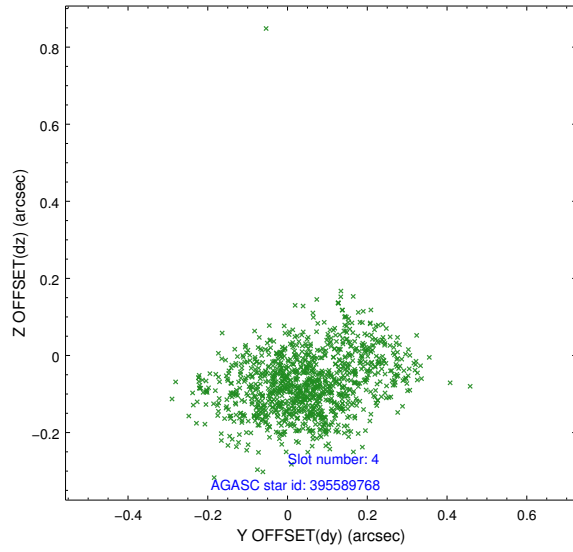
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.00	564	0.026	-0.016	0.007	0.012	0.000000	0.000000	927.93	-838.87
1	FID	ACIS-I-5	6.99	564	-0.164	0.041	0.006	0.011	0.000000	0.000000	-1818.80	1057.27
2	FID	ACIS-I-6	7.00	564	0.046	0.046	0.006	0.011	0.000000	0.000000	390.45	1704.96
3	GUIDE	395584592	7.51	1126	0.006	-0.269	0.080	0.124	186.361031	38.347848	-1009.42	1680.33
4	GUIDE	395589768	9.57	1118	0.048	-0.074	0.148	0.250	187.217746	38.067224	486.94	-474.83
5	GUIDE	395591168	9.77	1128	0.117	0.028	0.196	0.295	187.165079	38.831310	1835.05	1926.53
6	GUIDE	395593944	9.22	1127	-0.078	0.174	0.106	0.164	187.239615	37.594792	-367.96	-1944.74
7	GUIDE	395595208	8.42	1124	-0.109	0.149	0.081	0.128	187.755738	38.164607	1963.88	-992.50

2.4 Star Slots

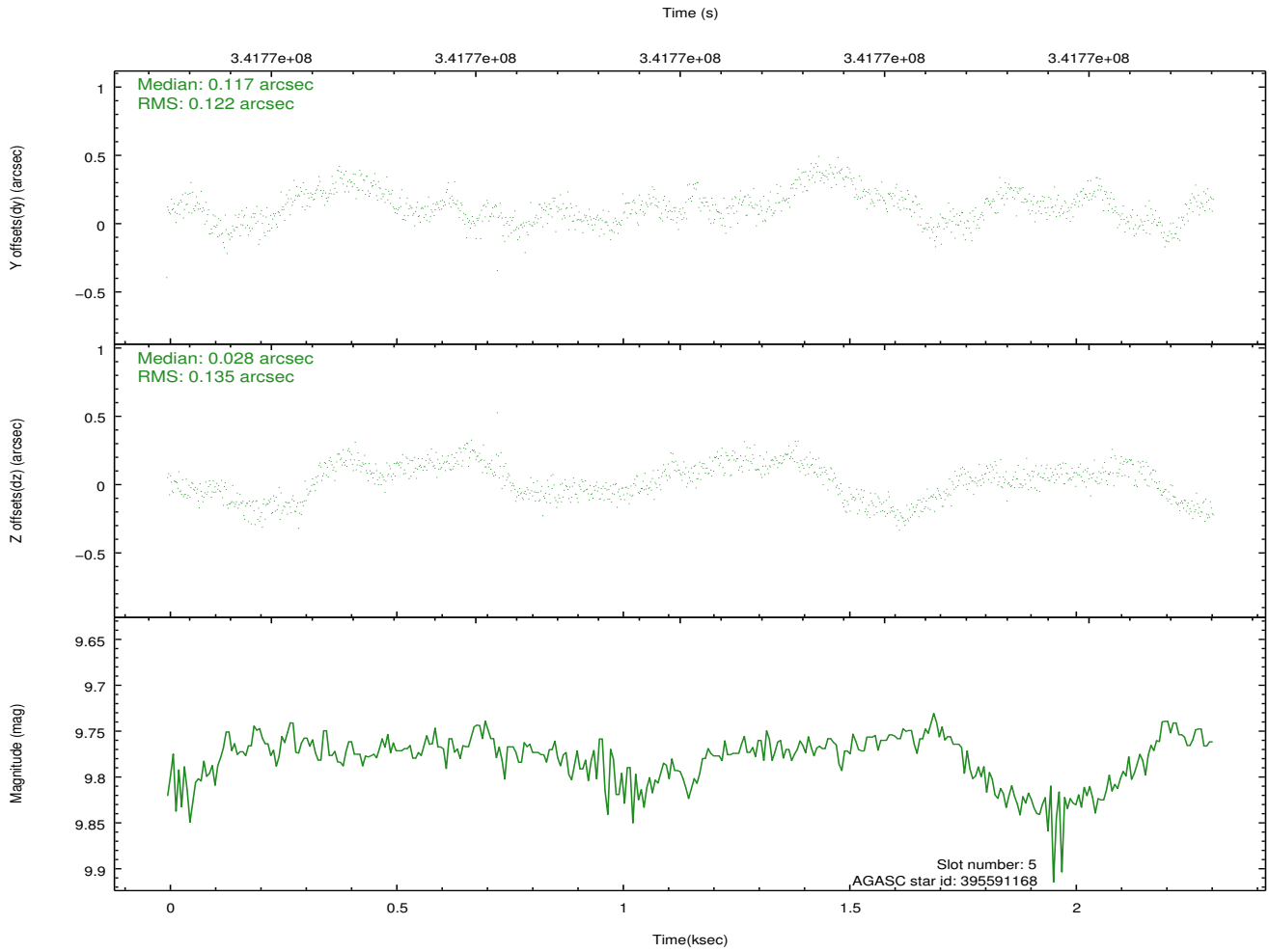
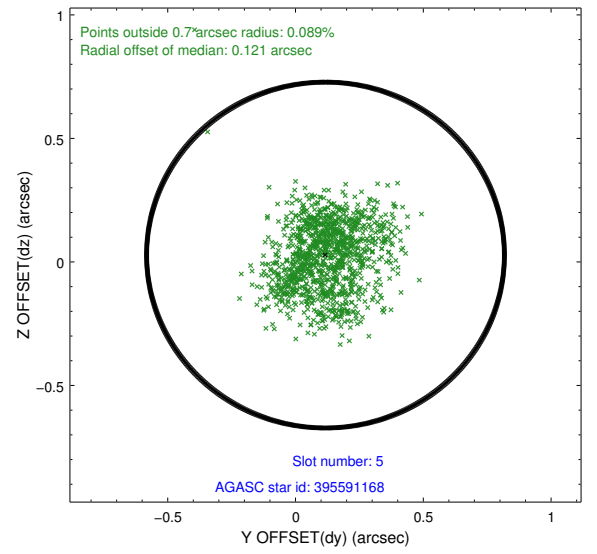
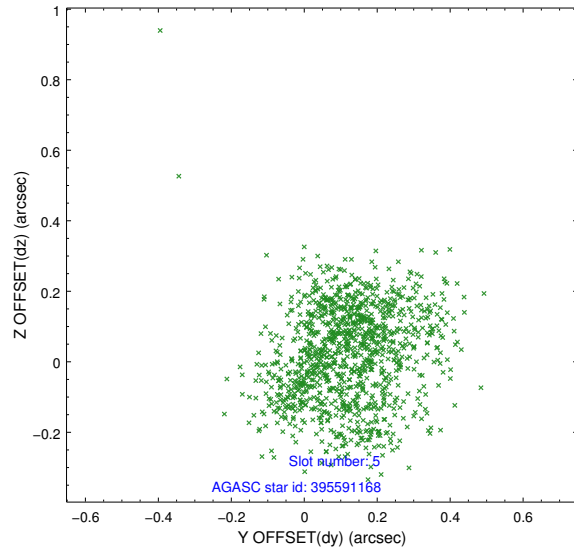
2.4.1 Slot 3



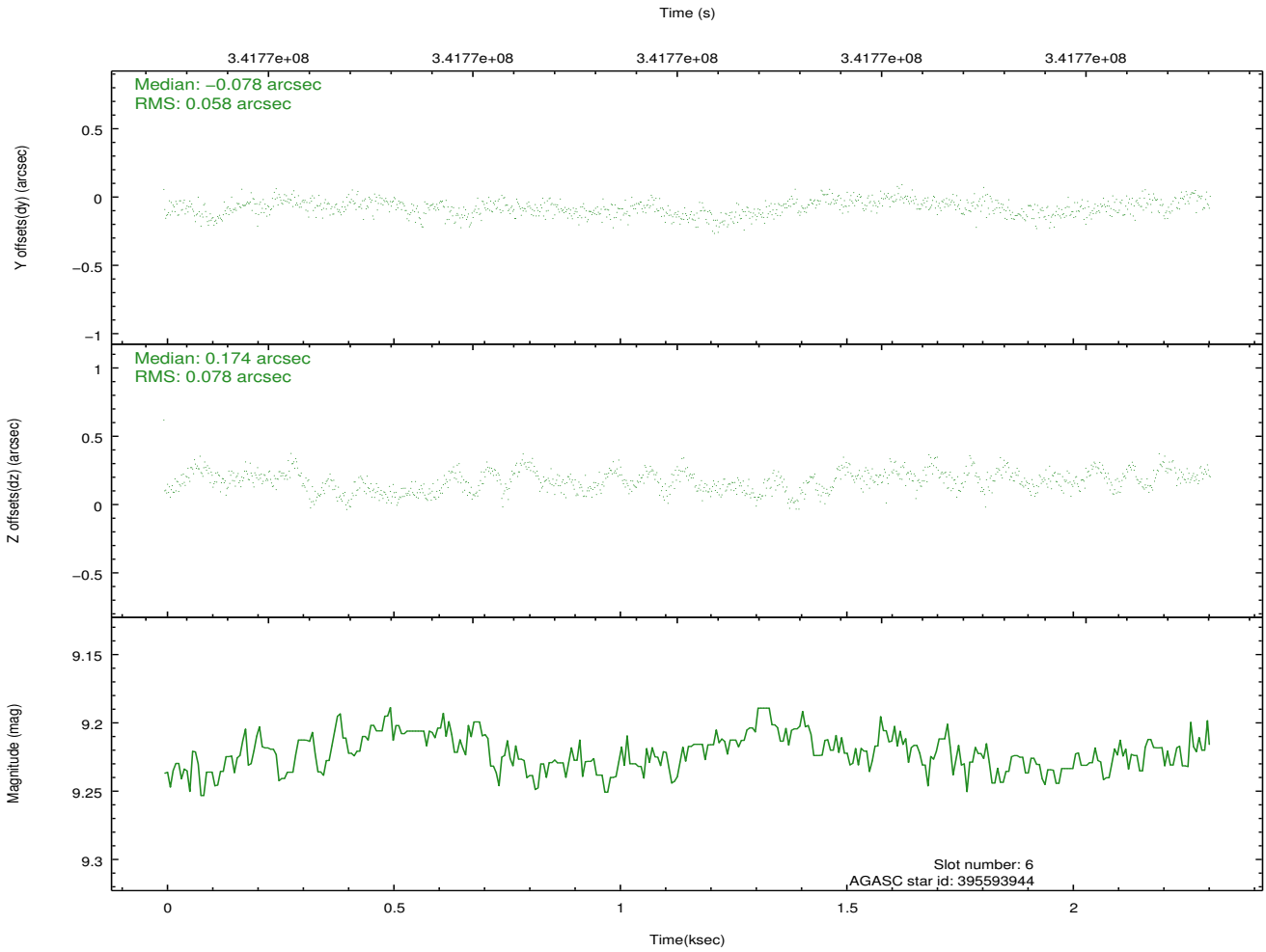
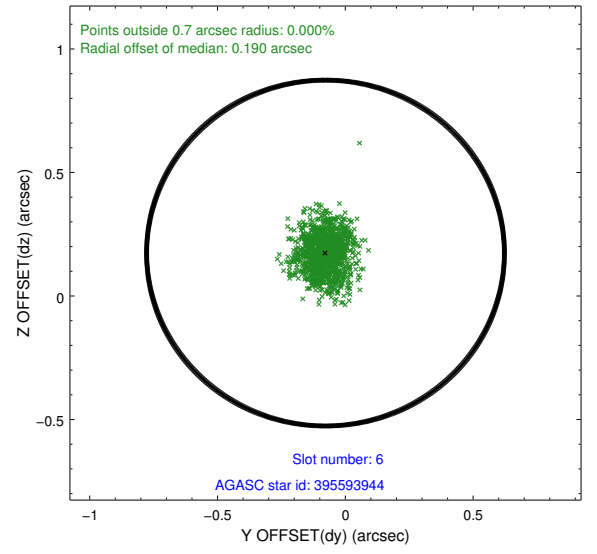
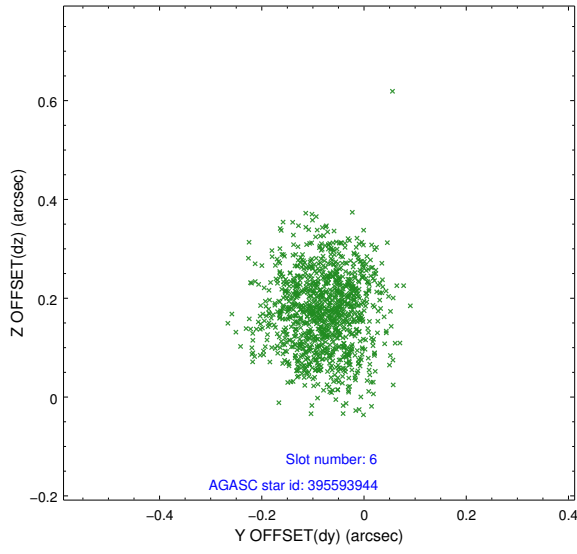
2.4.2 Slot 4



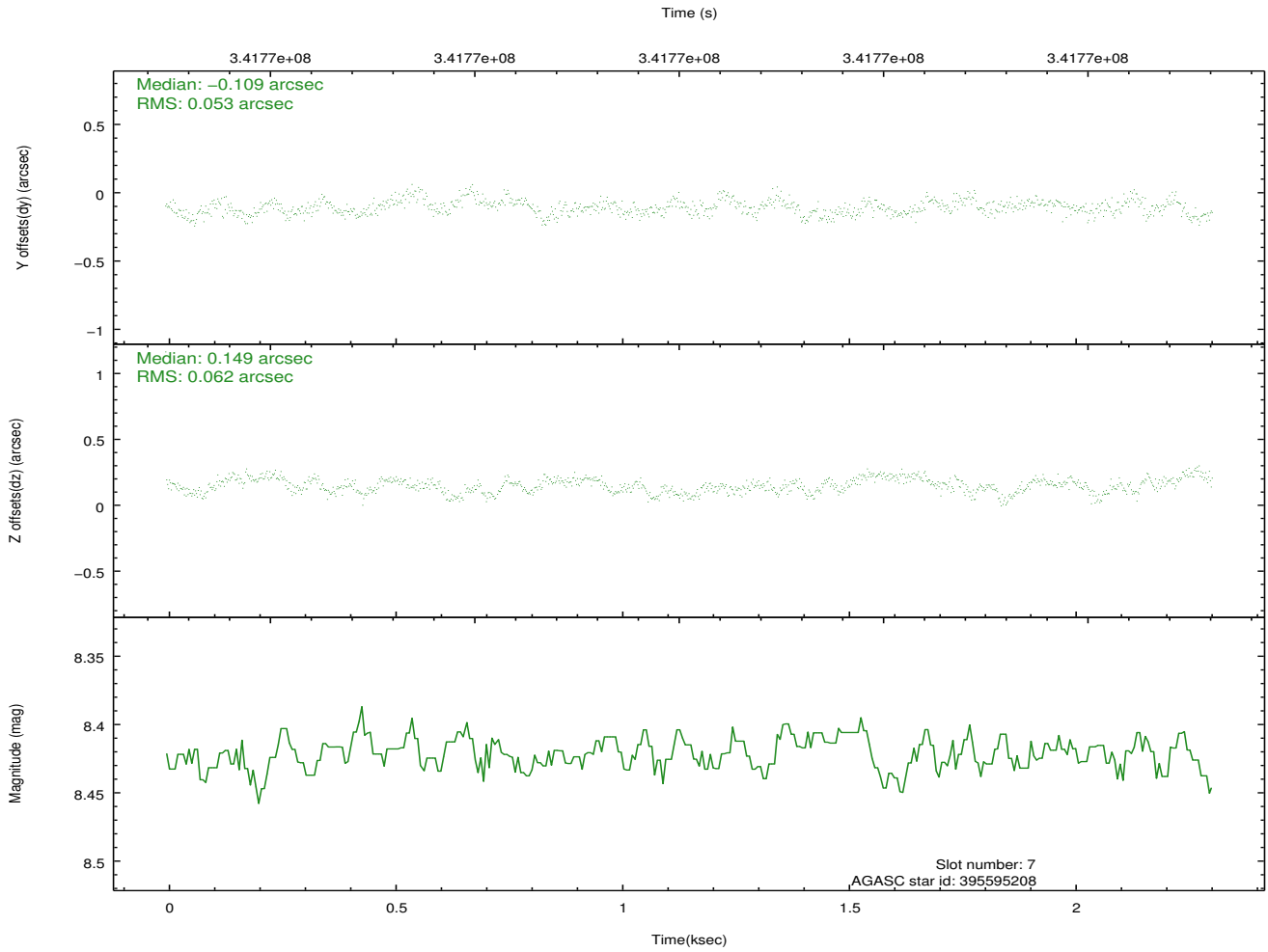
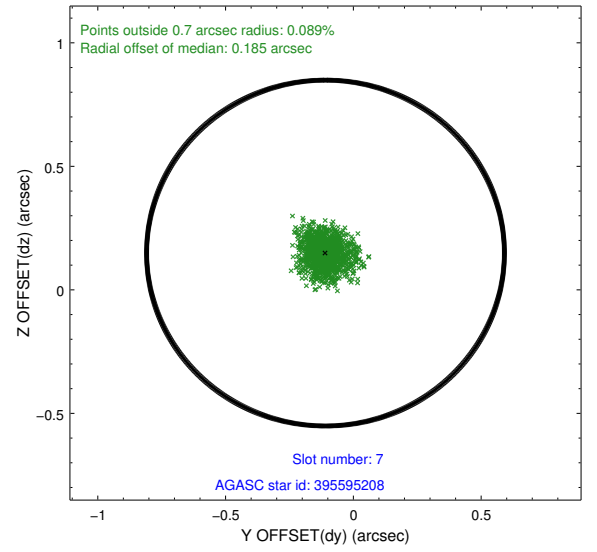
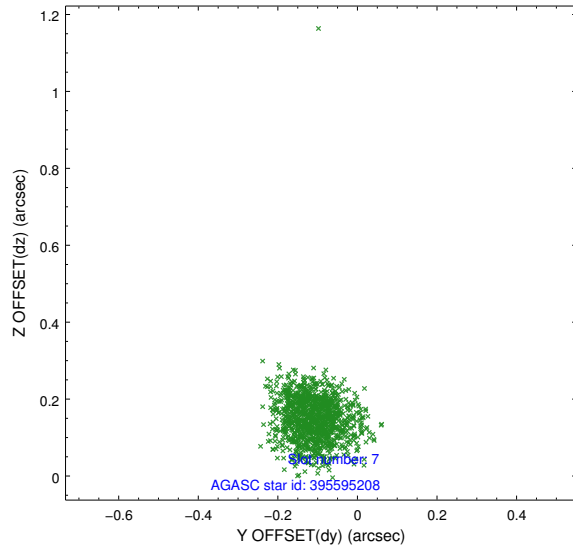
2.4.3 Slot 5



2.4.4 Slot 6

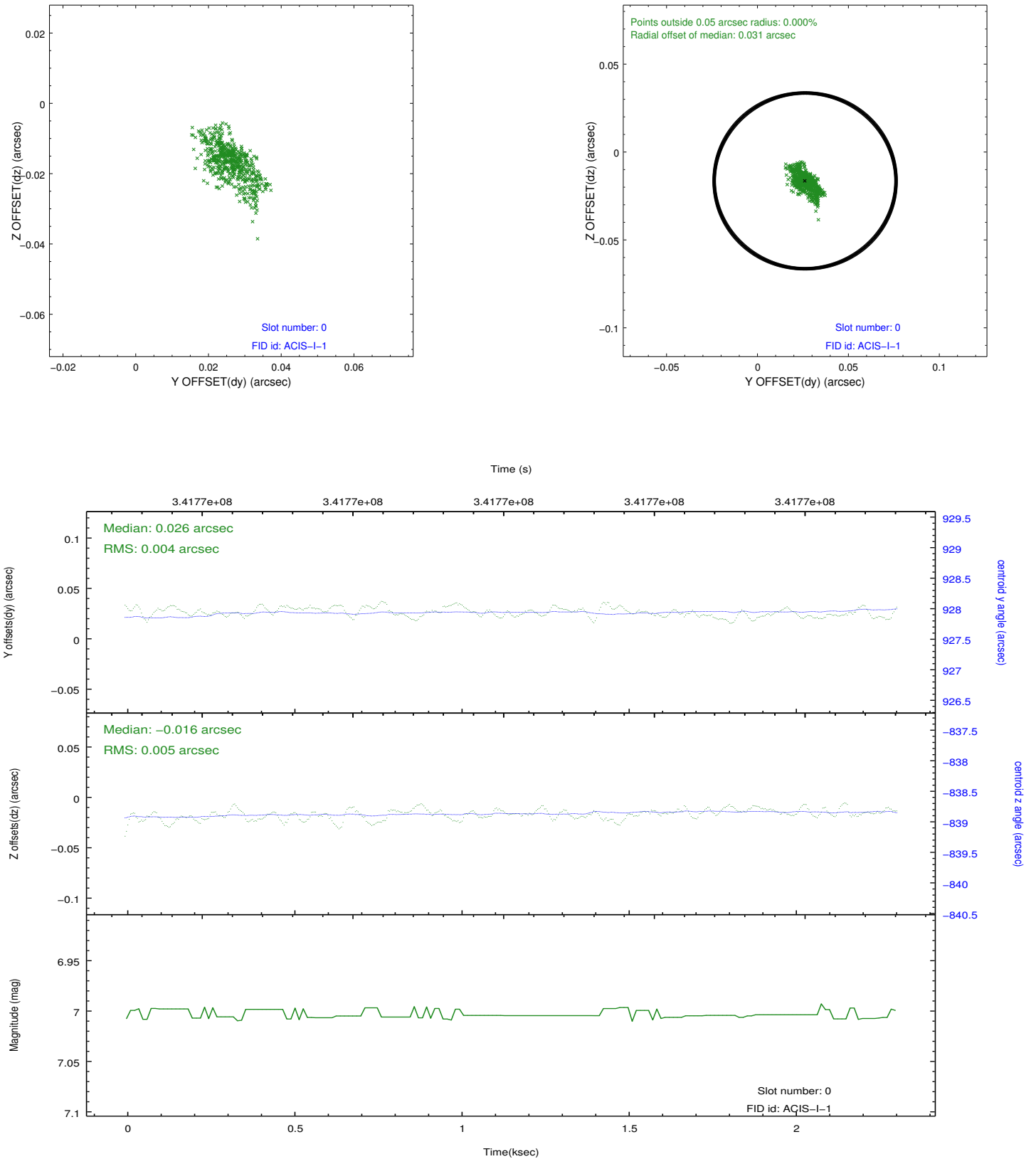


2.4.5 Slot 7

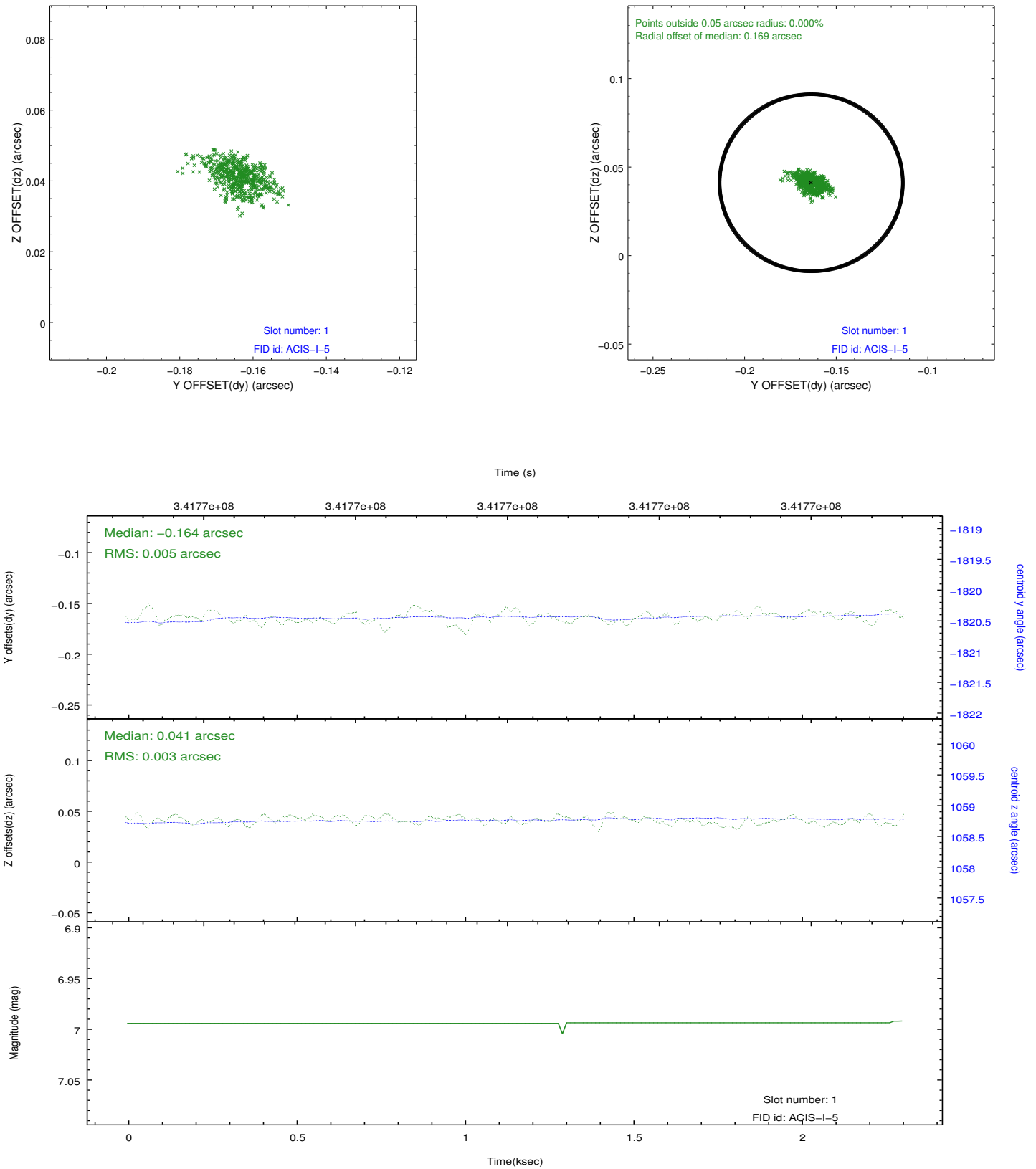


2.5 FID Slots

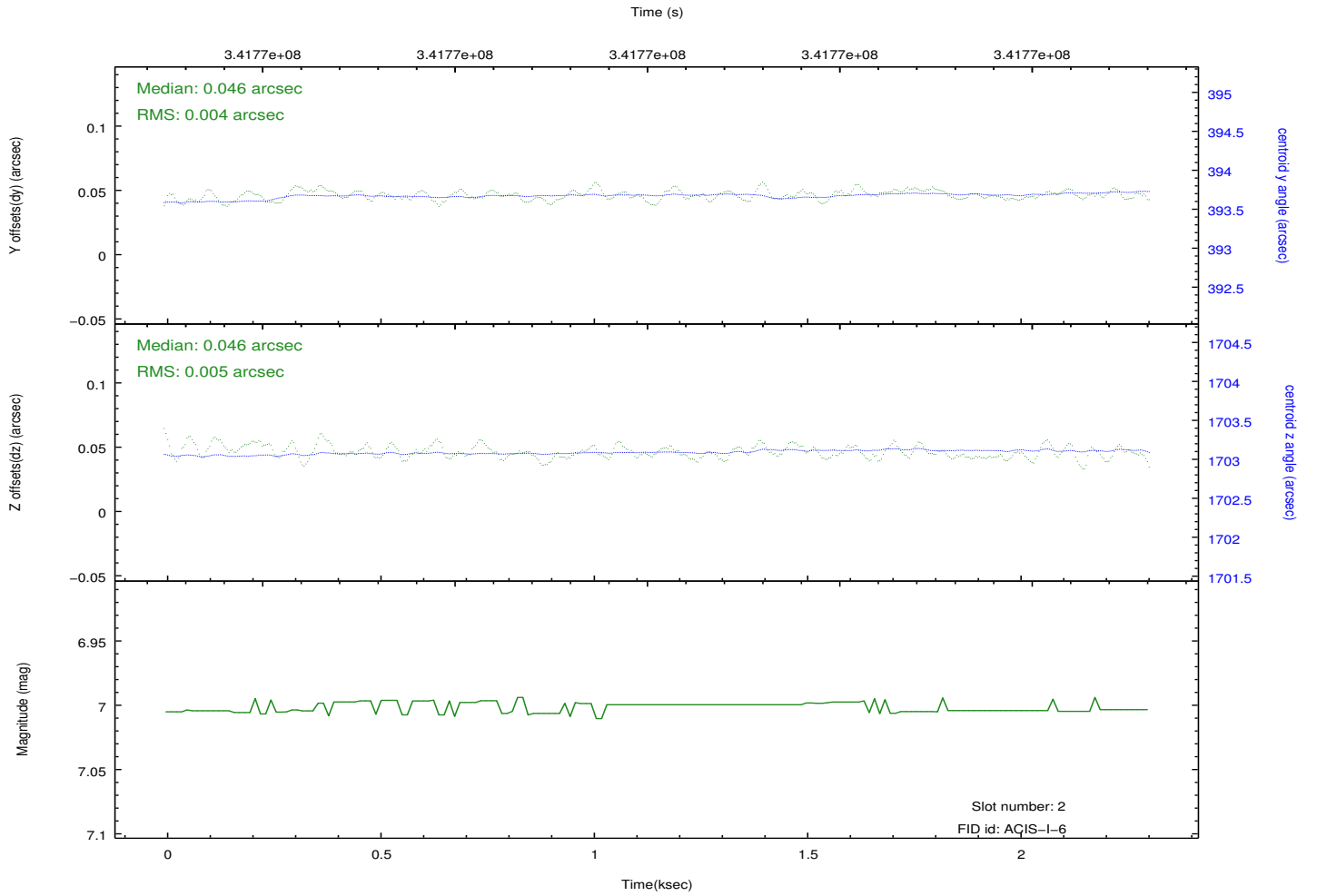
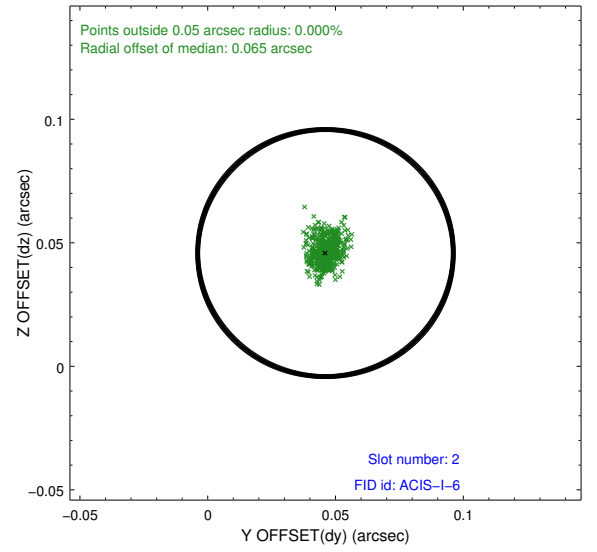
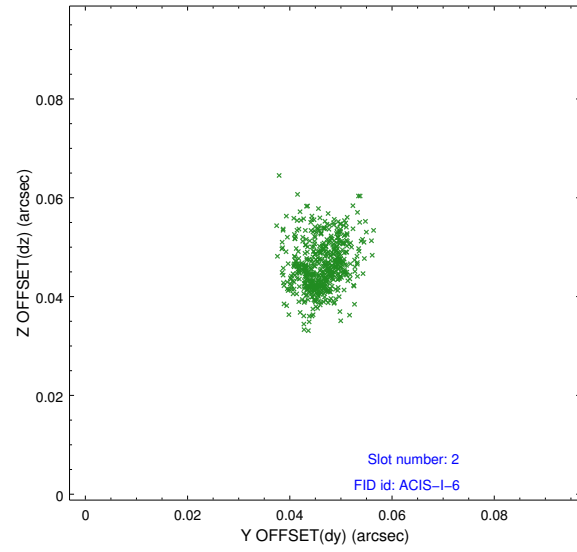
2.5.1 Slot 0



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)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.90960001

A.2 Comments