

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 3996 - L2 Version 3
Chandra X-Ray Center

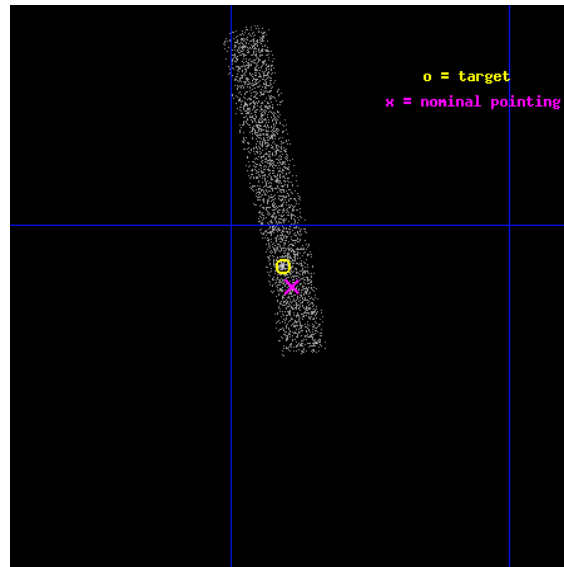
L2 Processing Date : Dec 7 2012

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1 Front

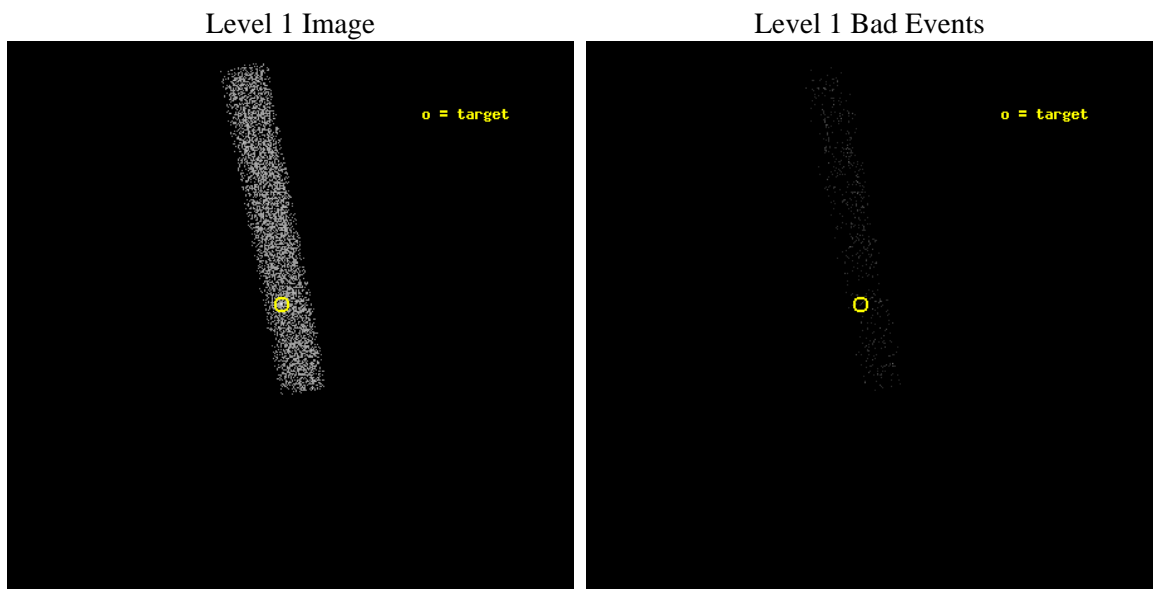
seq_num	700675	Sequence number
obs_id	3996	Observation id
title	AN X-RAY SURVEY OF RADIO-SELECTED LOW-LUMINOSITY AGNS	Proposal tit
observer	Dr. Yuichi Terashima	Principal investigator
object	NGC 4216	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	183.97625	Observer's specified target RA [deg]
dec_targ	13.149472	Observer's specified target Dec [deg]
ra_nom	183.97265304097	Nominal RA [deg]
dec_nom	13.140347189431	Nominal Dec [deg]
roll_nom	259.26647885406	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5273.600078553	Sum of GTIs [s]
livetime	4782.8769078115	Livetime [s]
ontime7	5273.600078553	Sum of GTIs [s]
l2events	3028	Number of level 2 events



2 OBI

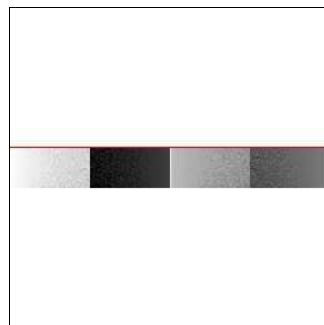
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	4	Obi number	sched_exp_time	5100.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	5273.600078553	Sum of GTIs [s]
caldsver	4.5.4	 	ontime7	5273.600078553	Sum of GTIs [s]
date	2012-12-06T23:05:37	Date and time of file creation	l1events	7982	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

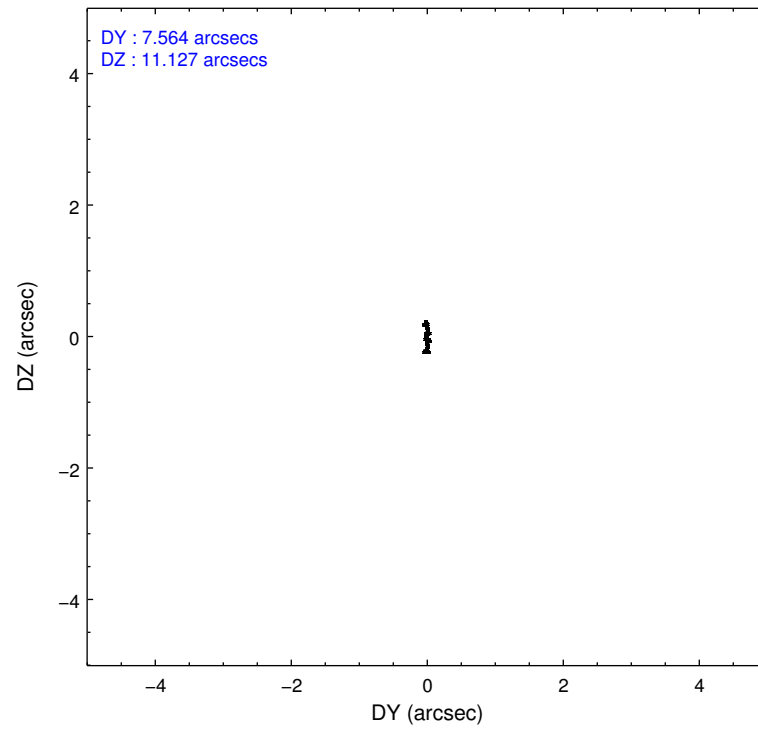
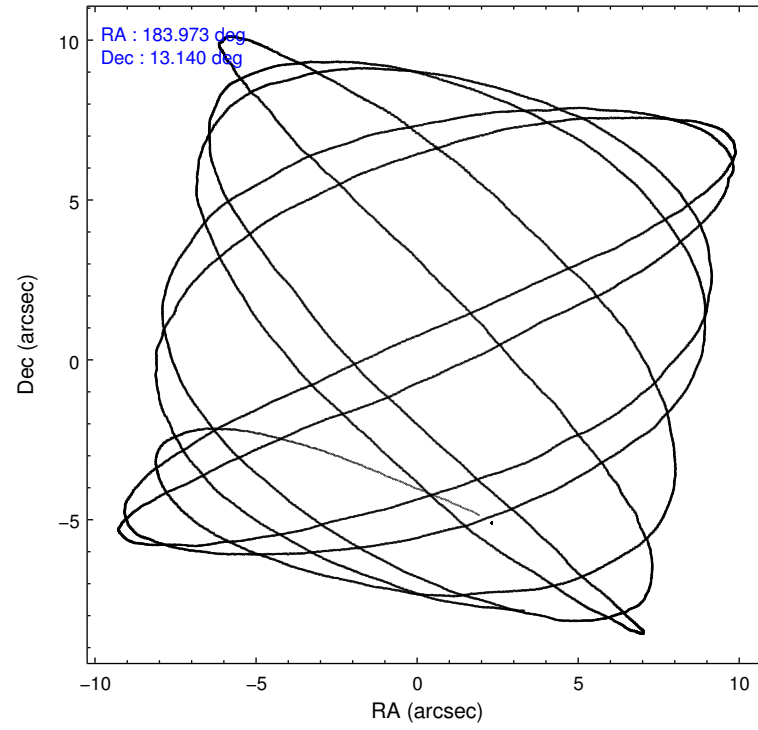
	ccd 7
level 1 events	7982
rejected events	4844
rejected %	60%

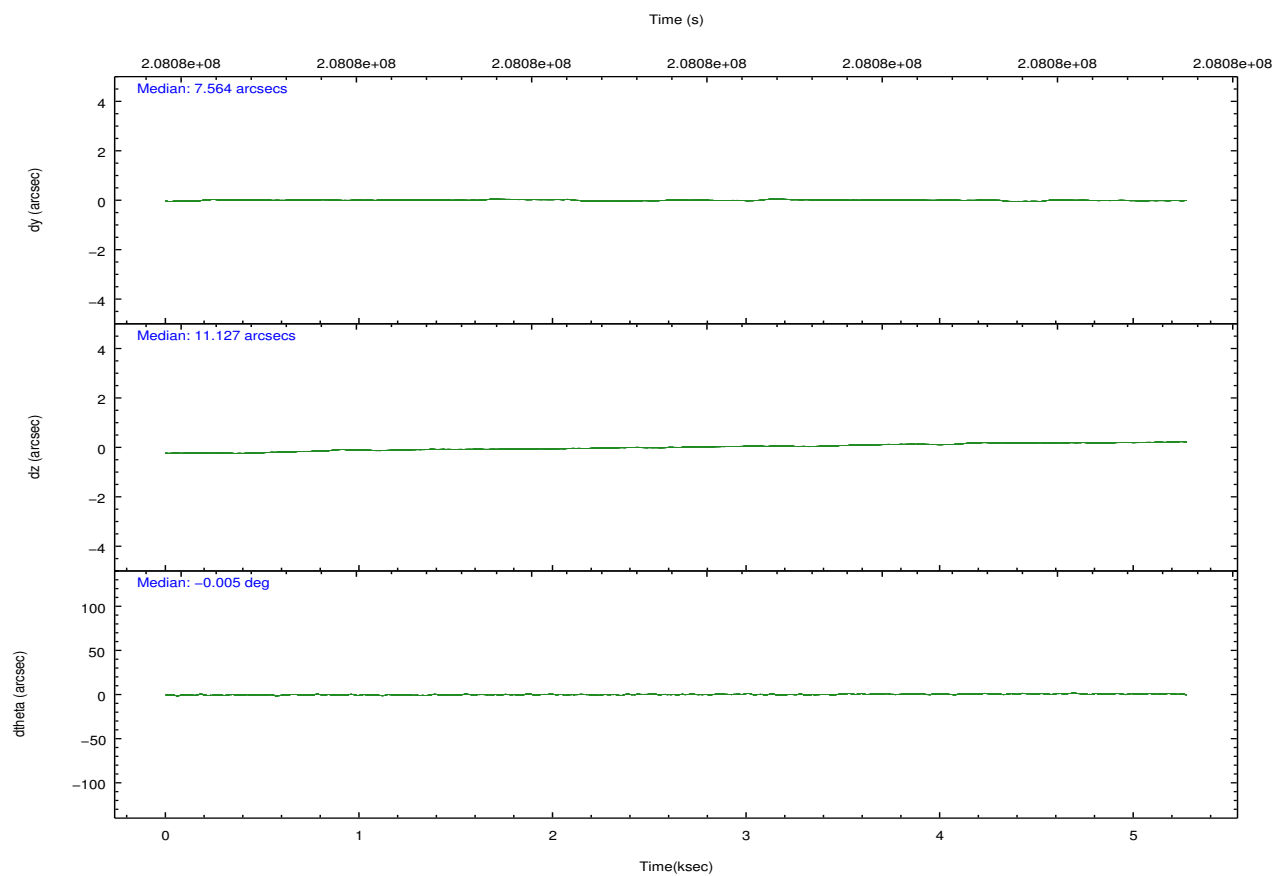
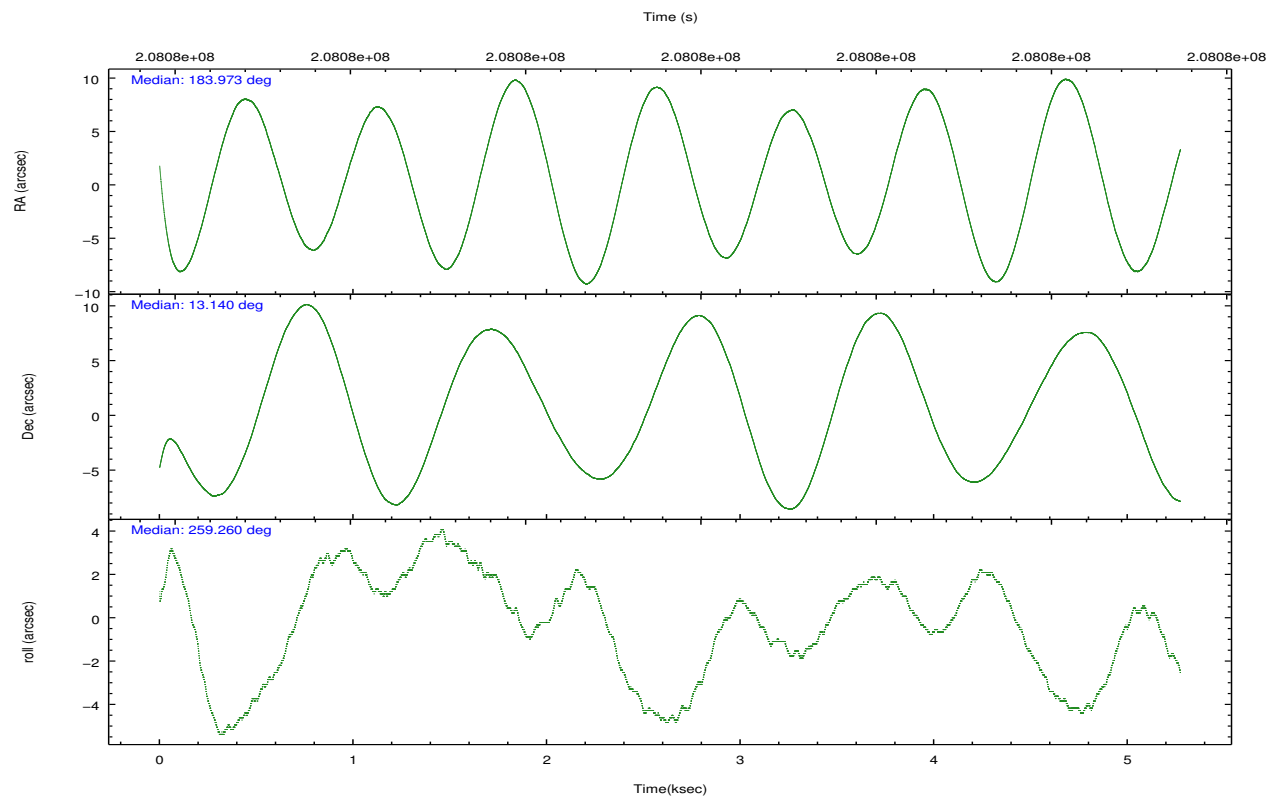
	ccd 7
grade 0 events	473
	5%
grade 1 events	10
	0%
grade 2 events	726
	9%
grade 3 events	477
	5%
grade 4 events	509
	6%
grade 5 events	714
	8%
grade 6 events	1667
	20%
grade 7 events	3406
	42%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	183.963133	183.9726530409746	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	13.166010	13.14034718943081	Subarray start row	449	449
[deg] Pointing Roll	259.112025	259.2664788540562	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	208075361.184000	208073979.38674			
Observation start date	2004-08-05T06:41:37	2004-08-05T06:19:39			
[s] Observation end time (MET)	208080461.184000	208080711.58704			
Observation end date	2004-08-05T08:06:37	2004-08-05T08:11:51			
Read mode	TIMED	TIMED			

2.3 Aspect



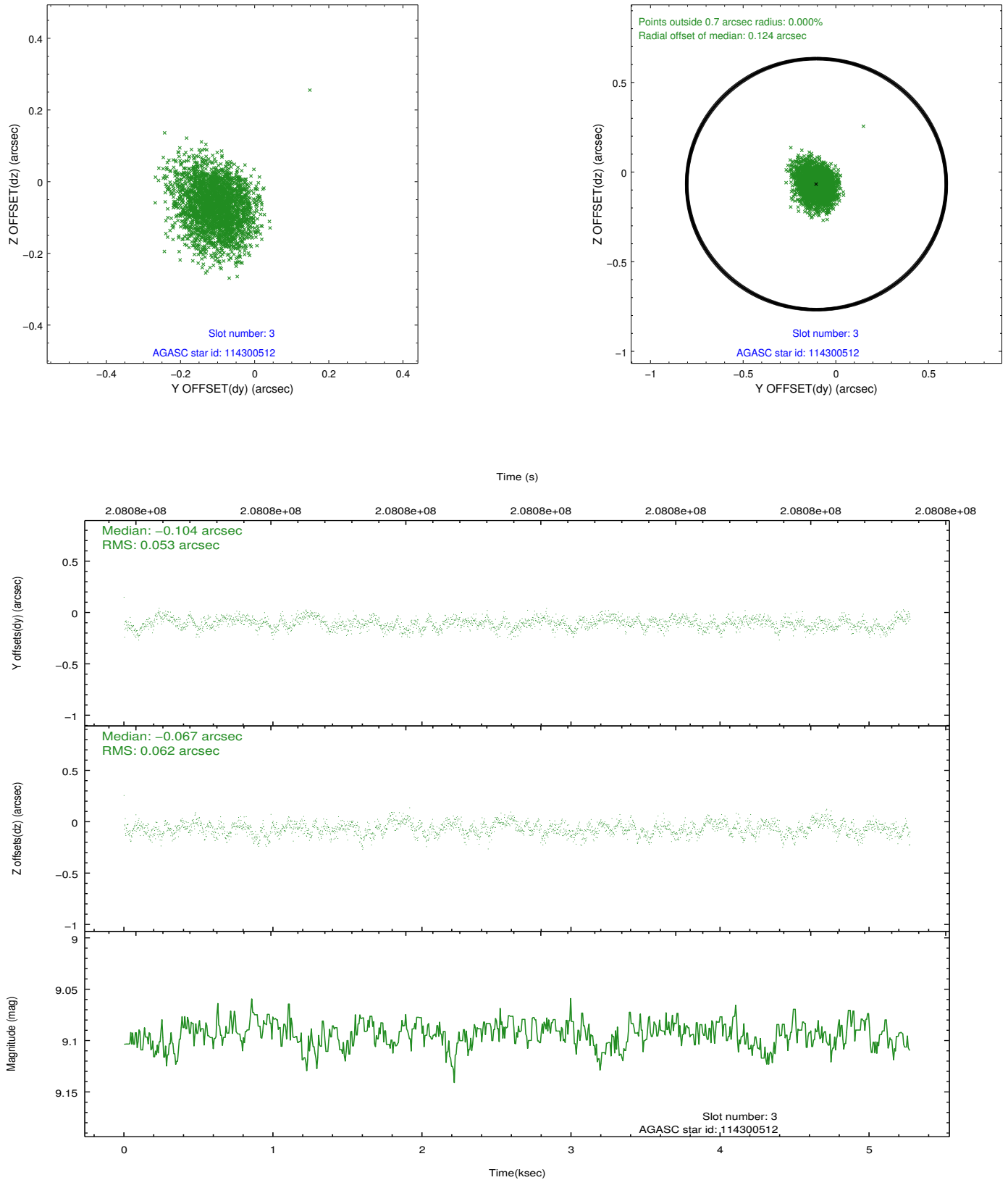


Slot Statistics

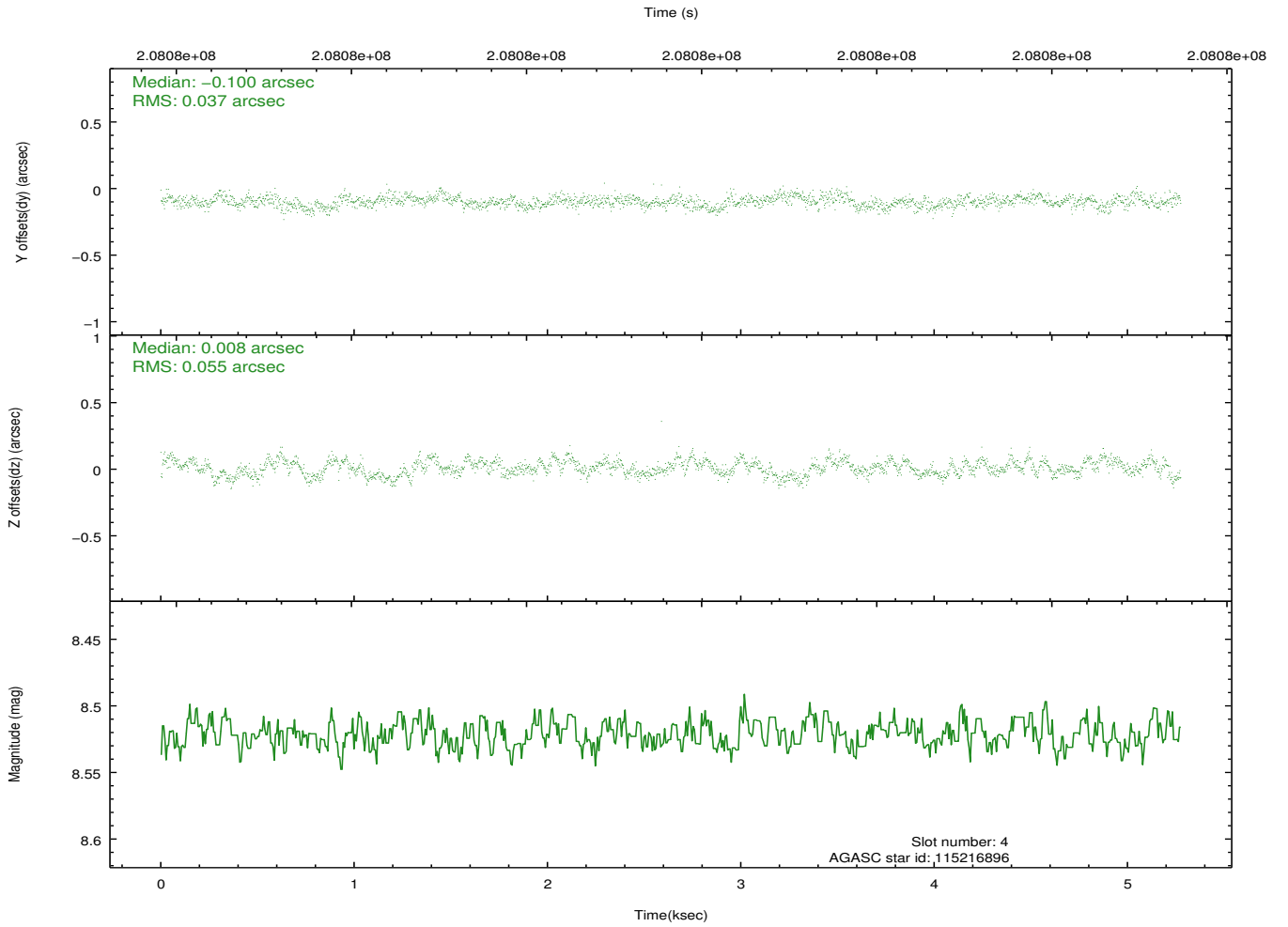
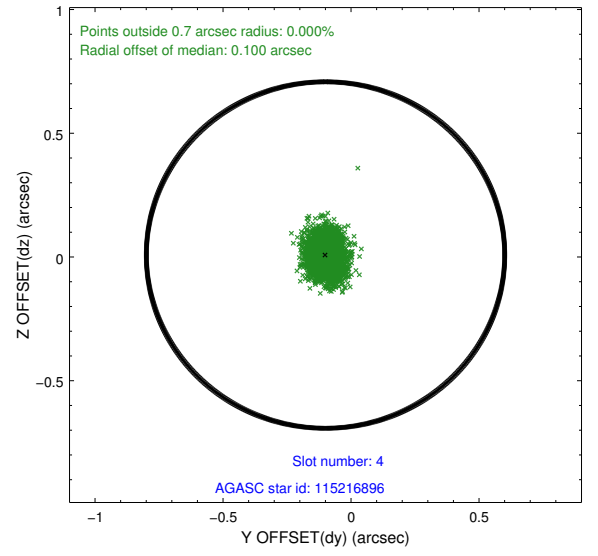
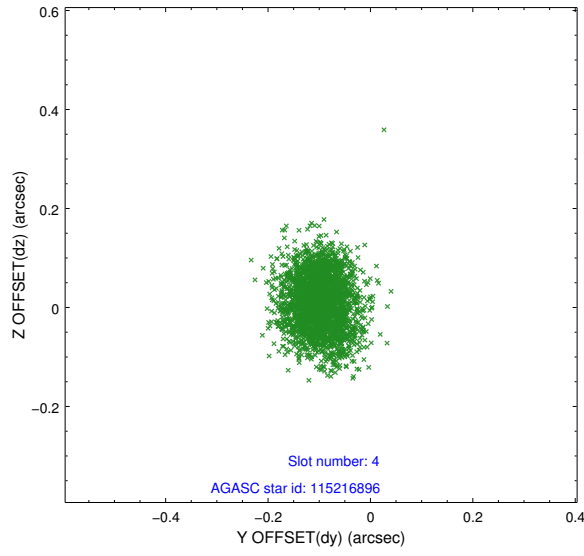
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1287	-0.031	-0.008	0.007	0.011	0.000000	0.000000	-760.33	-1732.43
1	FID	ACIS-S-4	7.20	1287	0.076	0.017	0.005	0.010	0.000000	0.000000	2152.50	174.94
2	FID	ACIS-S-5	7.23	1287	-0.077	-0.000	0.006	0.011	0.000000	0.000000	-1811.78	169.83
3	GUIDE	114300512	9.09	2573	-0.104	-0.067	0.087	0.140	183.274843	13.061330	822.94	-2299.52
4	GUIDE	115216896	8.52	2573	-0.100	0.008	0.071	0.113	184.169439	13.297075	-599.90	619.96
5	GUIDE	115217776	8.84	2574	0.046	0.105	0.067	0.107	184.204027	12.539164	2055.46	1258.38
6	GUIDE	115218080	9.54	2573	0.076	0.020	0.096	0.157	184.130022	12.510081	2208.66	1023.05
7	GUIDE	114295496	9.75	2572	0.085	-0.069	0.109	0.174	183.211405	12.908034	1407.53	-2415.02

2.4 Star Slots

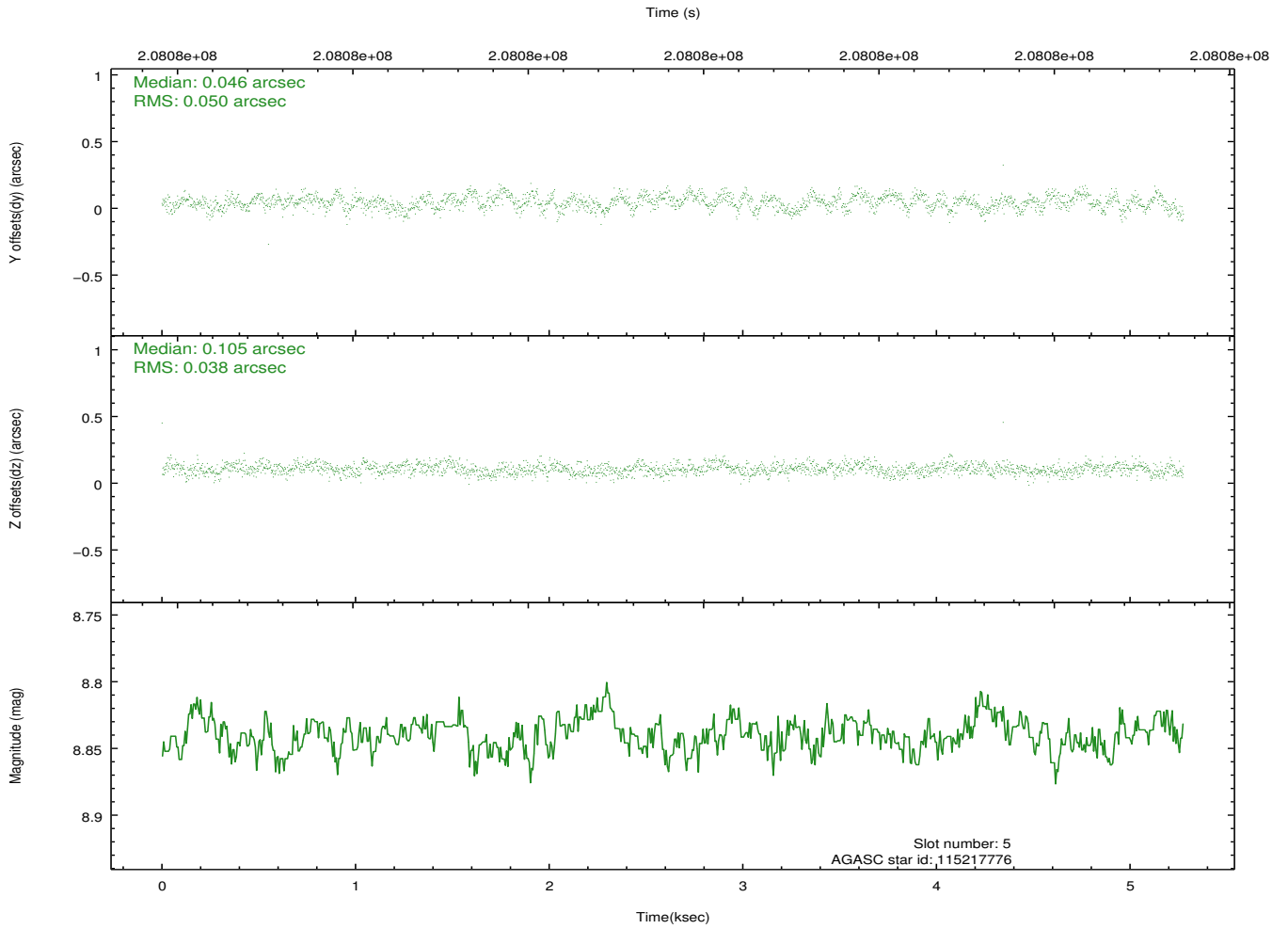
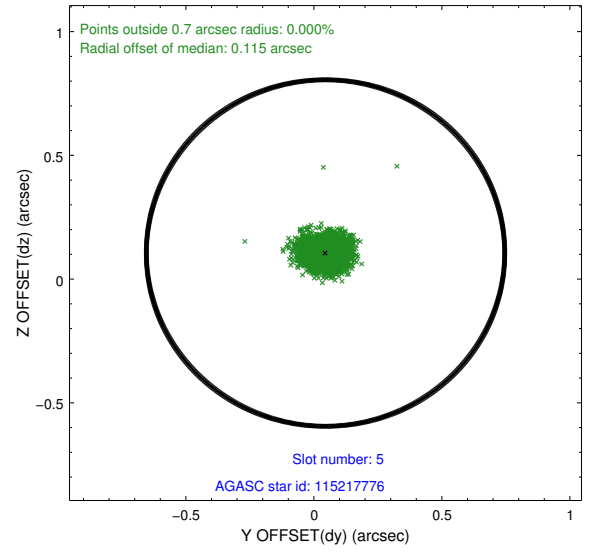
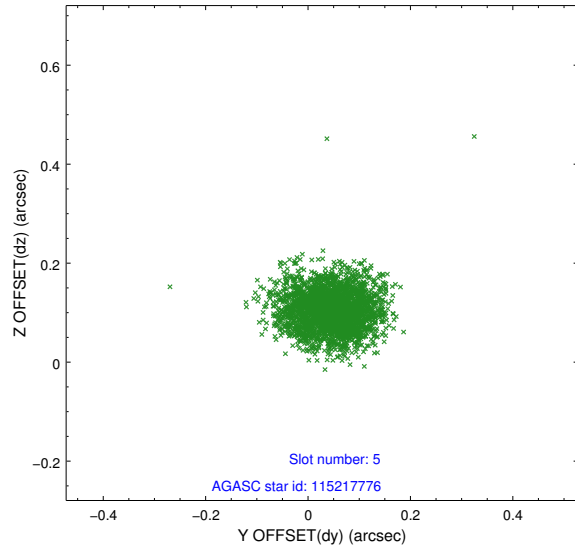
2.4.1 Slot 3



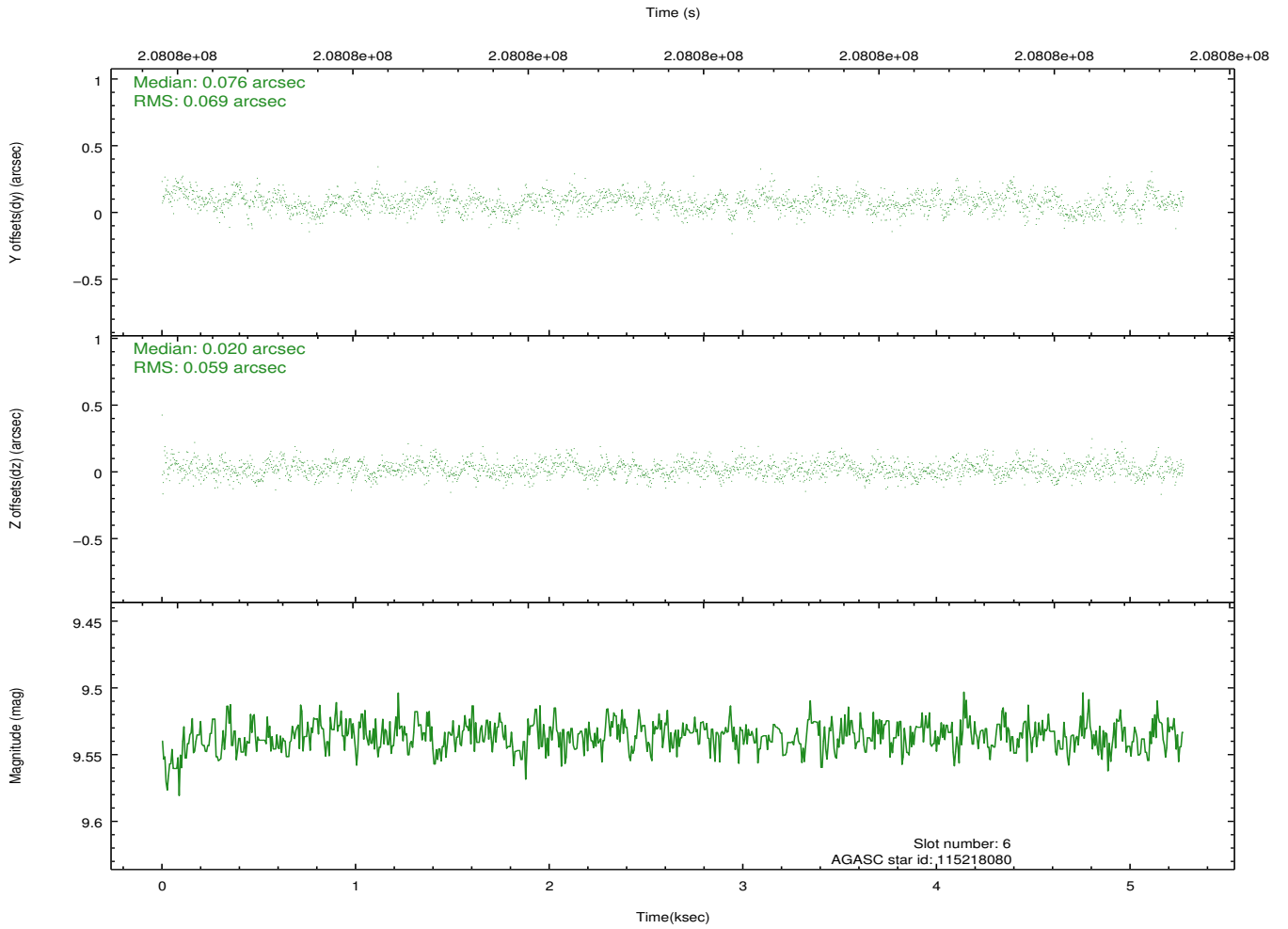
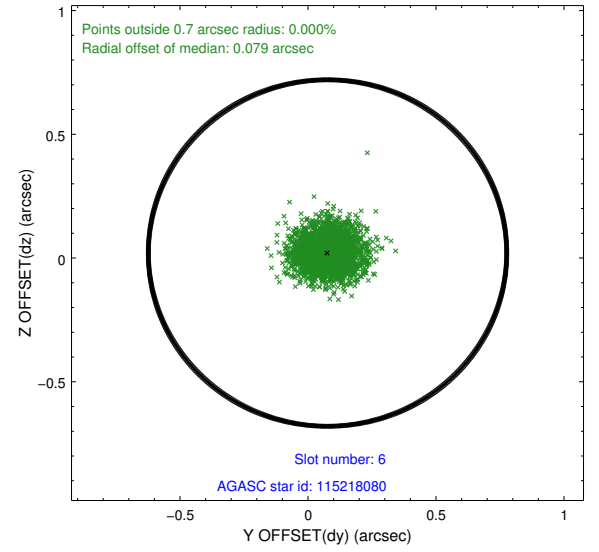
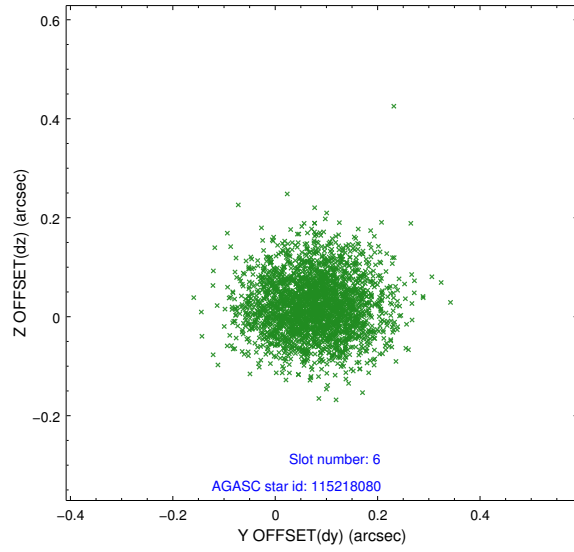
2.4.2 Slot 4



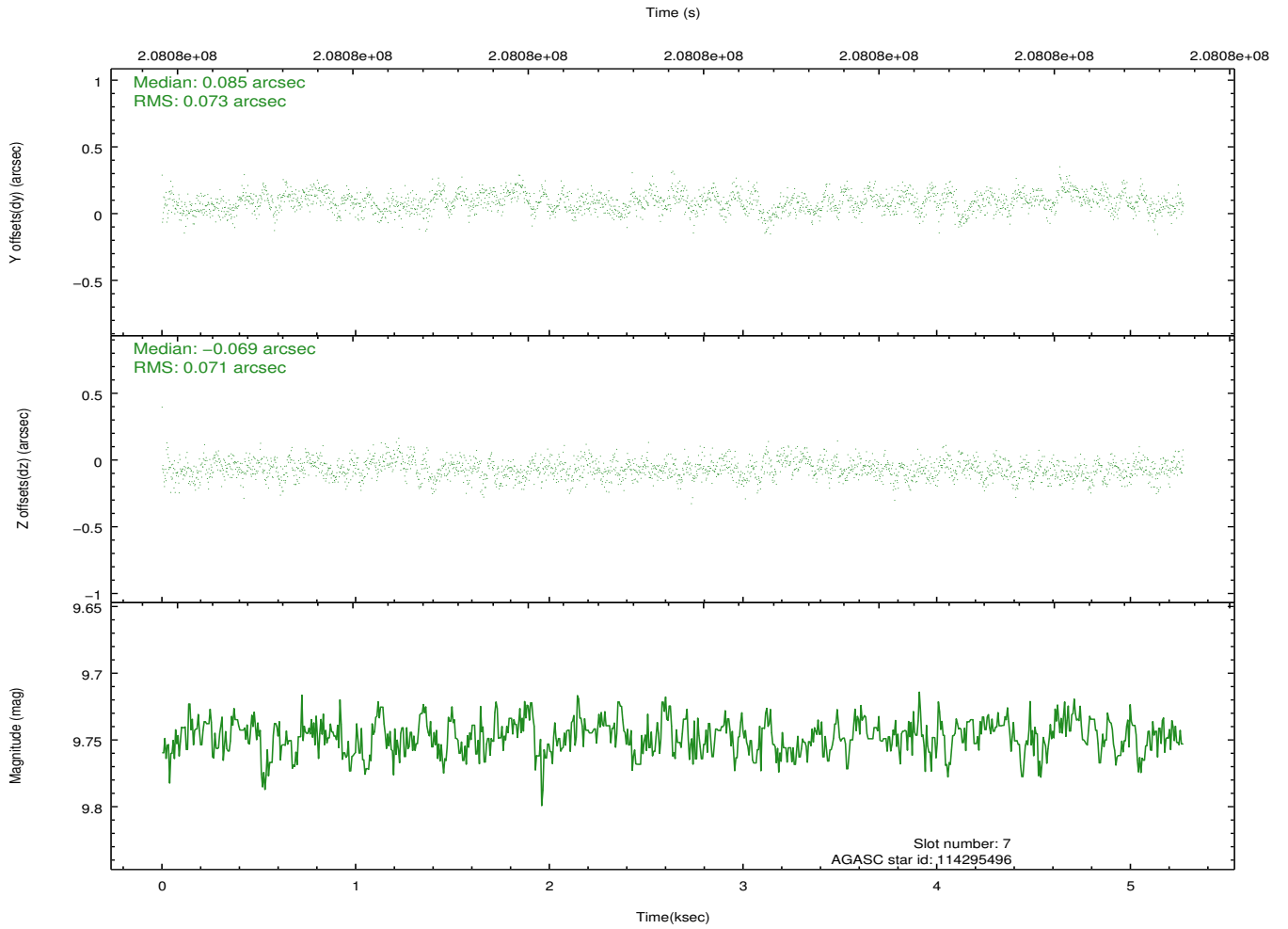
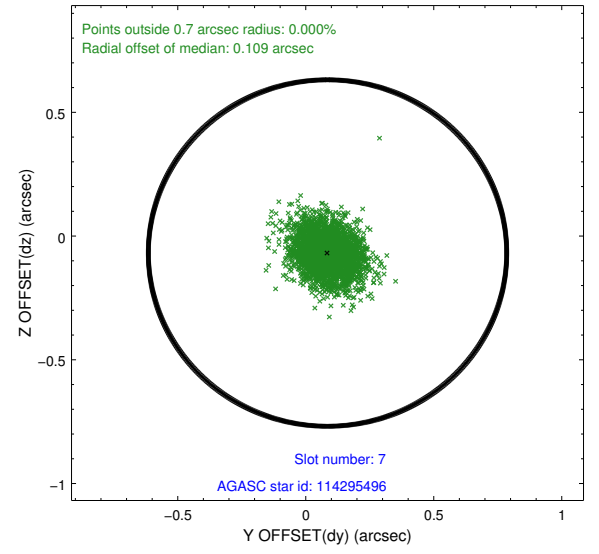
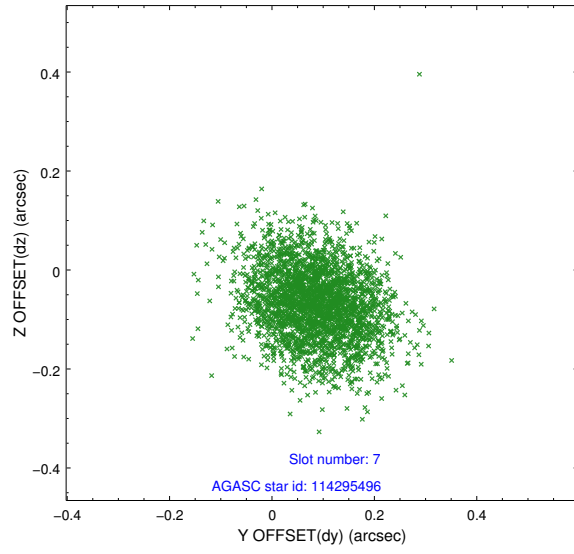
2.4.3 Slot 5



2.4.4 Slot 6

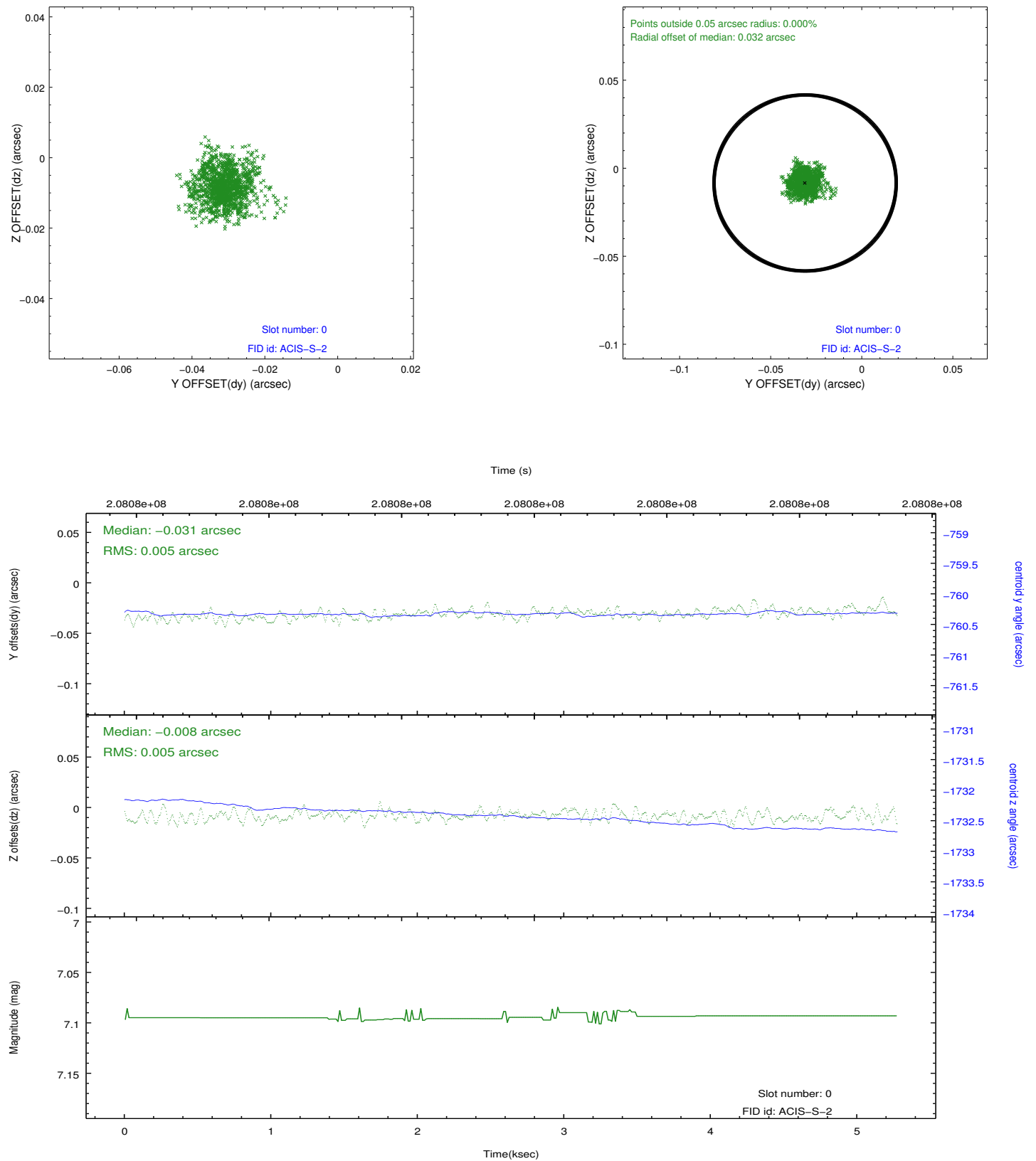


2.4.5 Slot 7

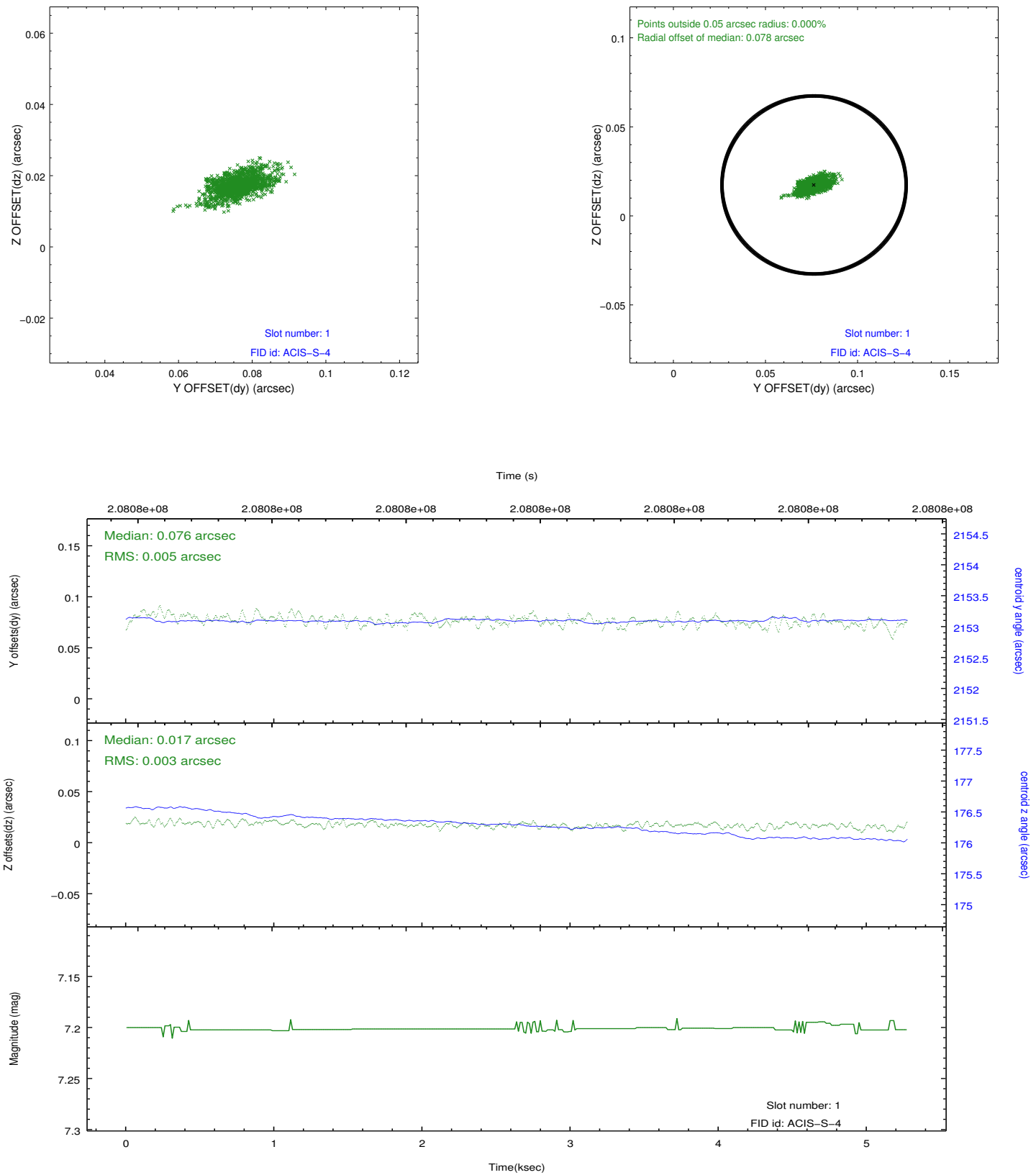


2.5 FID Slots

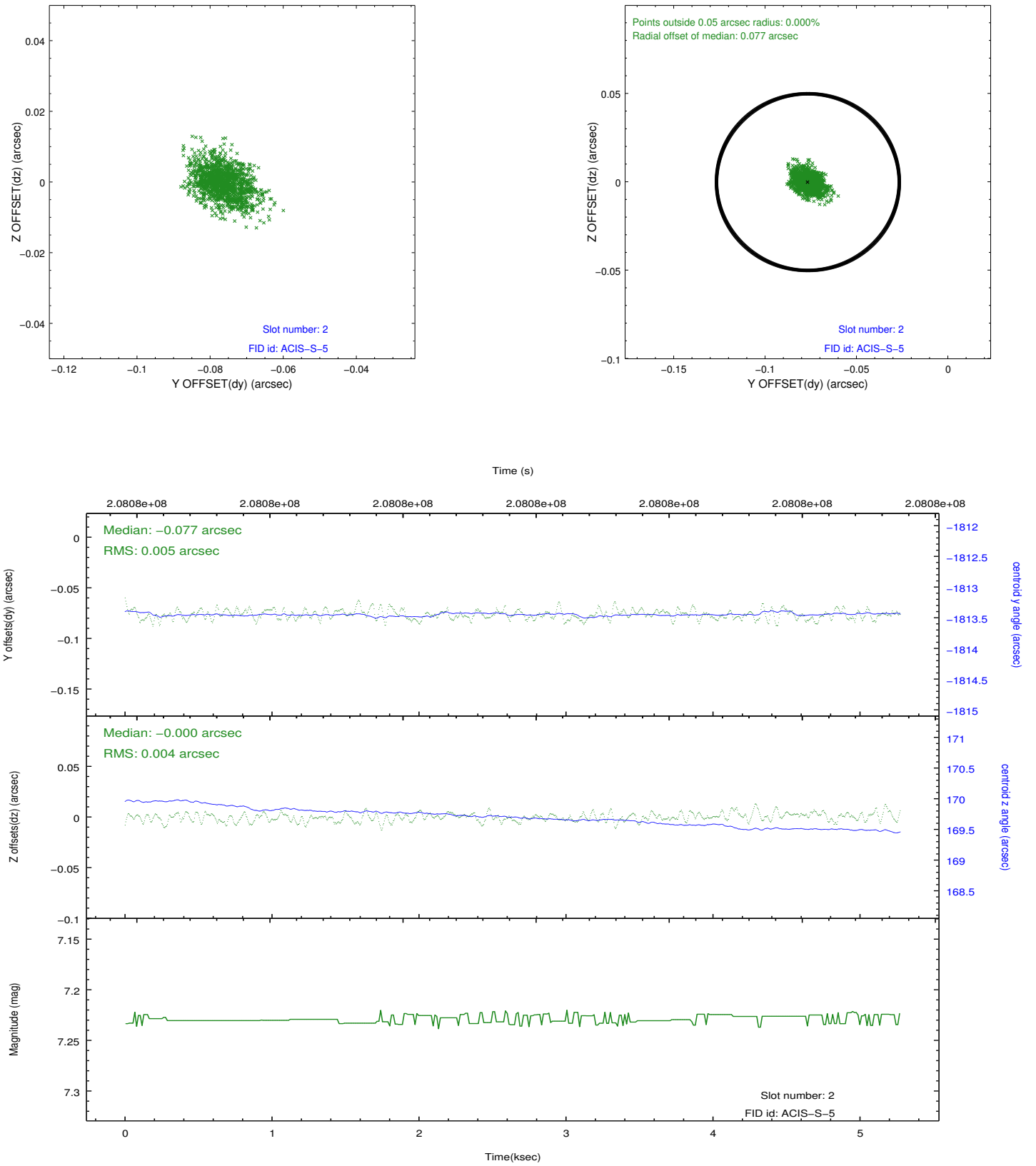
2.5.1 Slot 0



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)	2012.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.273

A.2 Comments