

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7734 - L2 Version 2
Chandra X-Ray Center

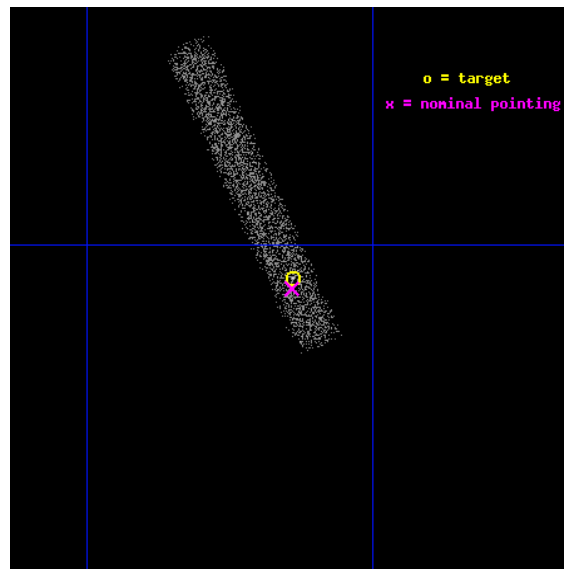
L2 Processing Date : Apr 26 2012

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1 Front

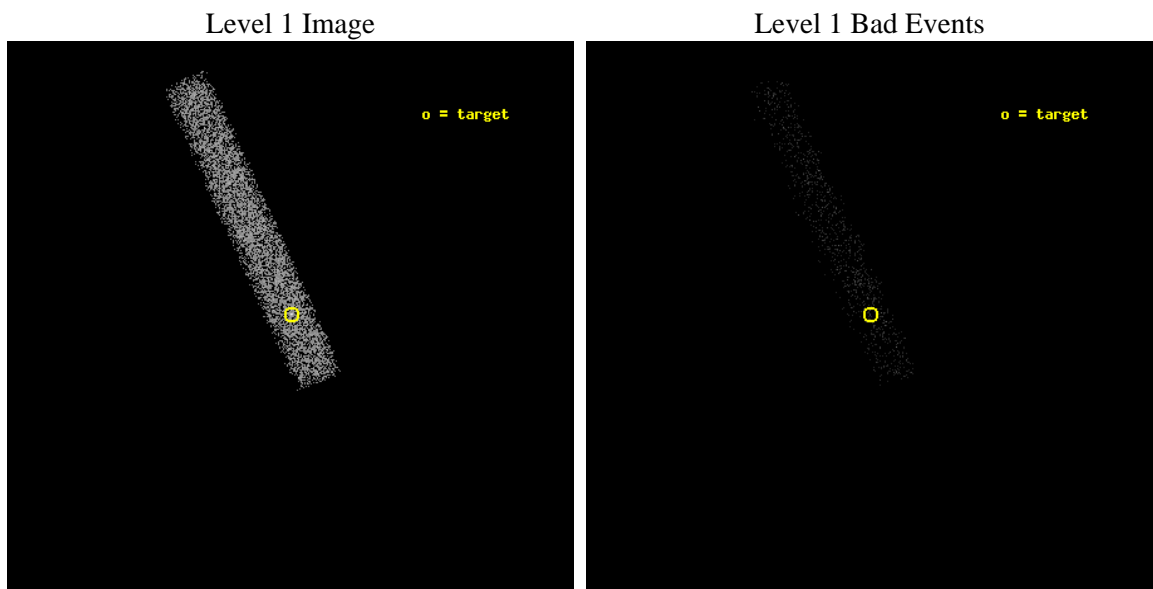
seq_num	701402	Sequence number
obs_id	7734	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes: Part II	
observer	Dr. Luis Ho	Principal investigator
object	SDSS J101108.40 +002908.7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	152.785	Observer's specified target RA [deg]
dec_targ	0.48575	Observer's specified target Dec [deg]
ra_nom	152.78556846796	Nominal RA [deg]
dec_nom	0.48108543505334	Nominal Dec [deg]
roll_nom	245.49669110821	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5333.5996820927	Sum of GTIs [s]
livetime	4837.2933811833	Livetime [s]
ontime7	5333.5996820927	Sum of GTIs [s]
l2events	4172	Number of level 2 events



2 OBI

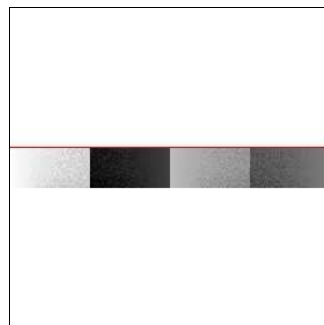
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5145.151000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5333.5996820927	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5333.5996820927	Sum of GTIs [s]
date	2012-04-26T11:59:40	Date and time of file creation	l1events	11288	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

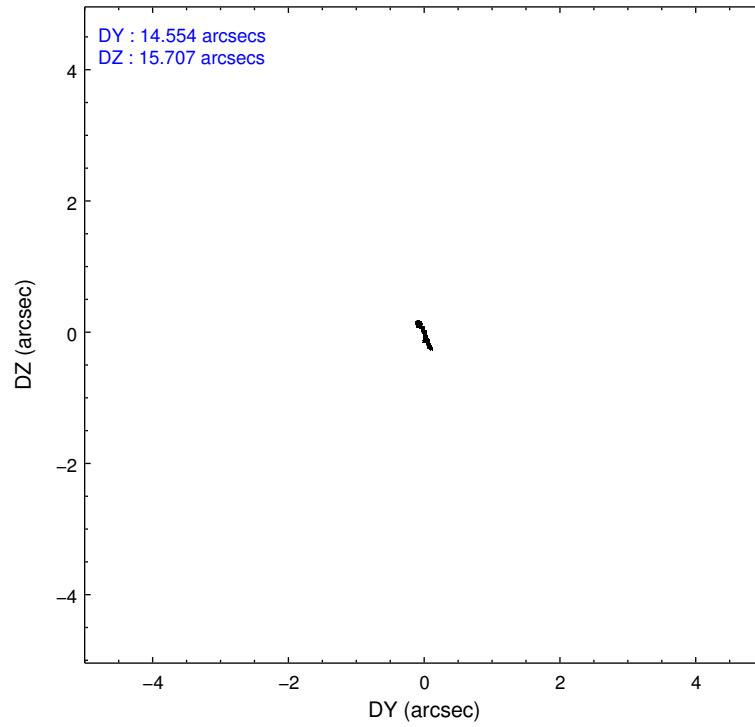
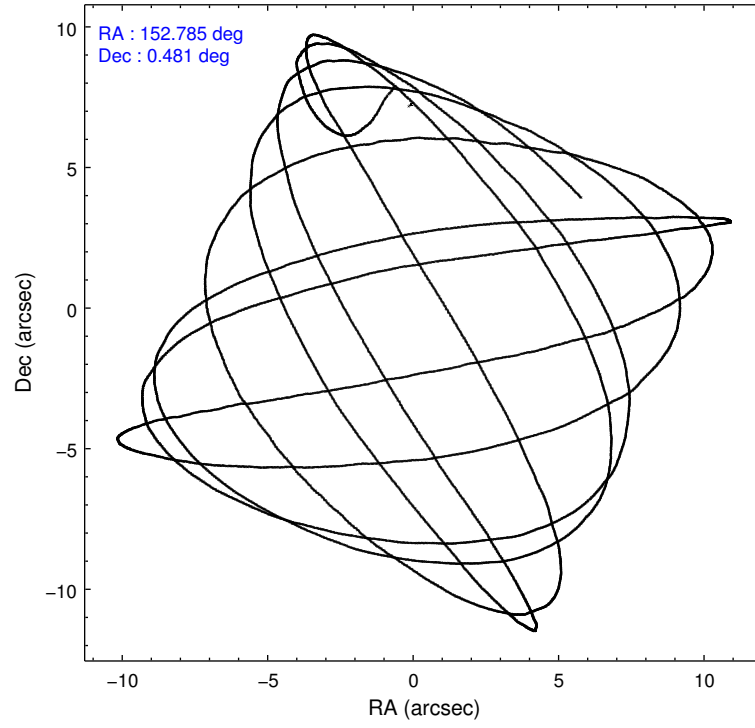
	ccd 7
level 1 events	11288
rejected events	6944
rejected %	61%

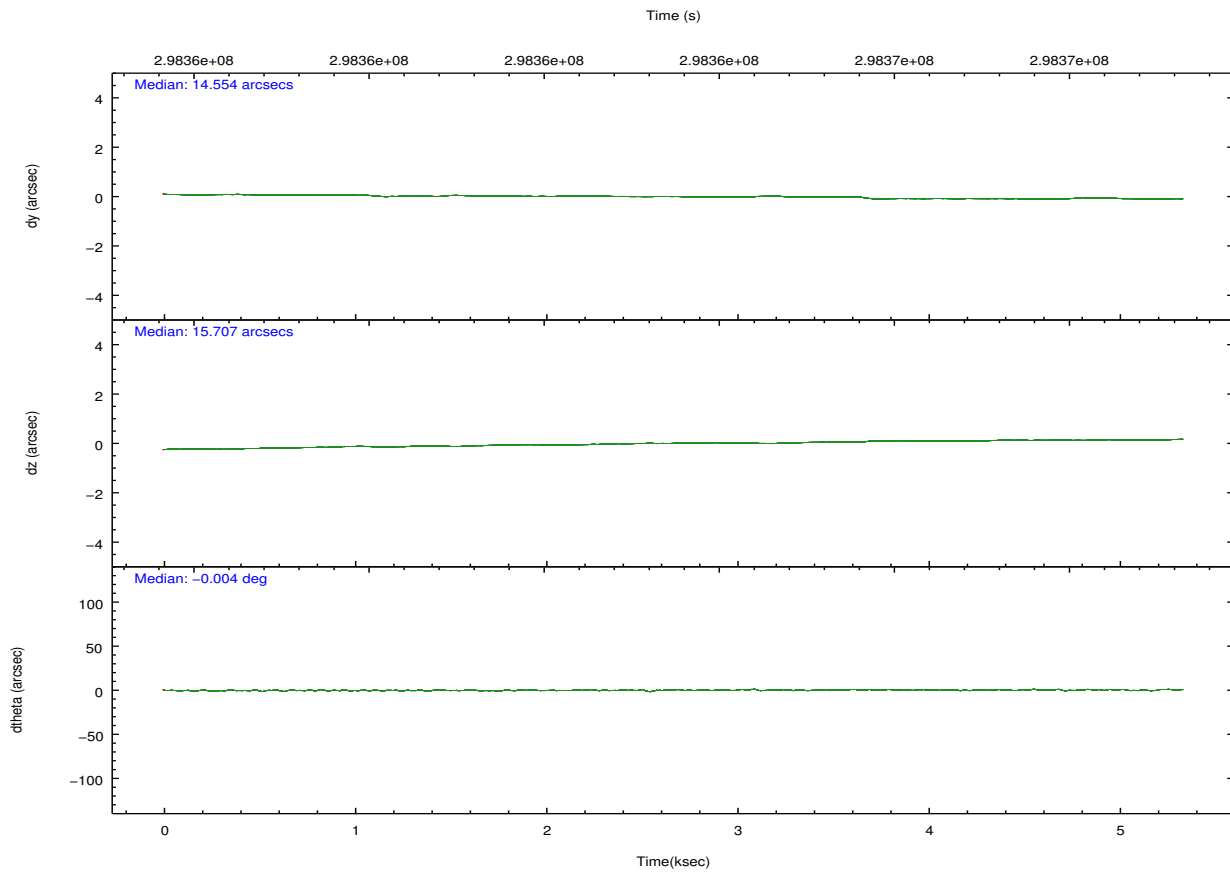
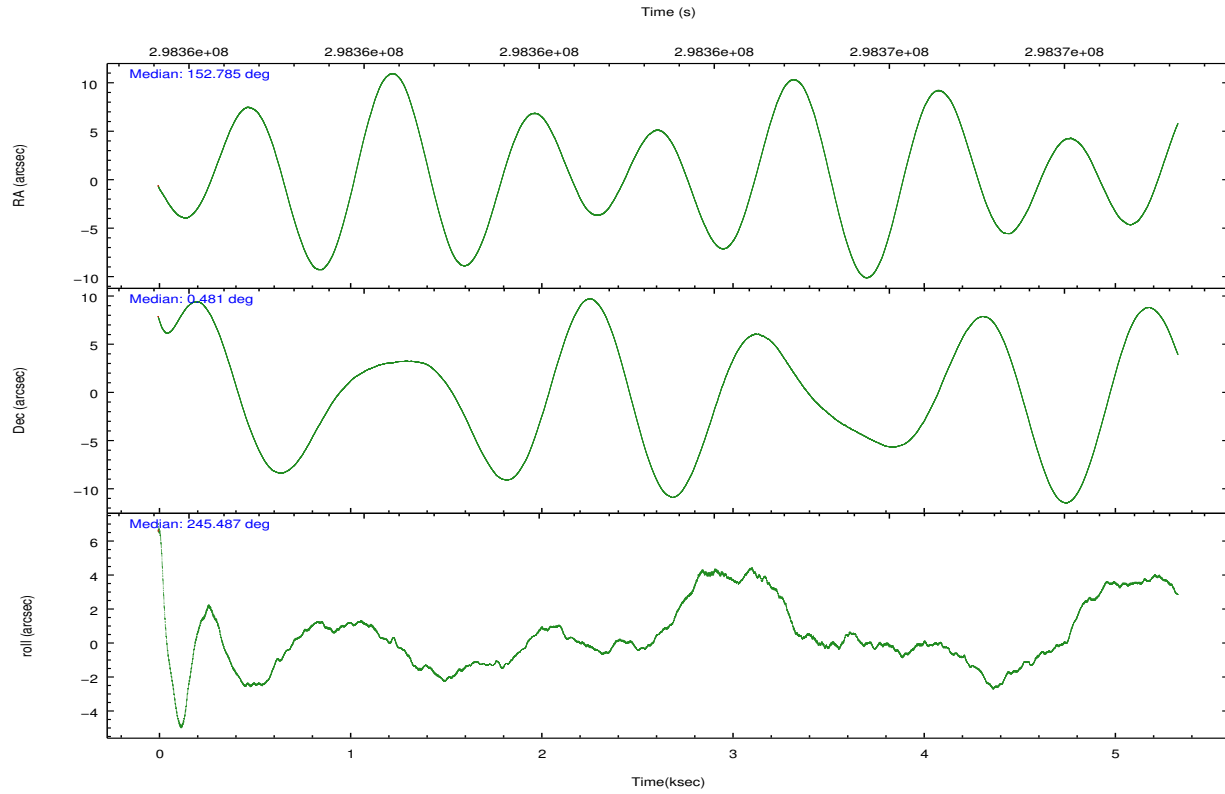
	ccd 7
grade 0 events	555
	4%
grade 1 events	17
	0%
grade 2 events	1025
	9%
grade 3 events	660
	5%
grade 4 events	671
	5%
grade 5 events	1086
	9%
grade 6 events	2363
	20%
grade 7 events	4911
	43%

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	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	152.782612	152.7855684679604	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	0.508111	0.4810854350533422	Subarray start row	449	449
[deg] Pointing Roll	245.340070	245.4966911082127	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	298362263.184000	298360891.77634			
Observation start date	2007-06-16T06:23:18	2007-06-16T06:01:31			
[s] Observation end time (MET)	298367408.184000	298367633.71416			
Observation end date	2007-06-16T07:49:03	2007-06-16T07:53:53			
Read mode	TIMED	TIMED			

2.3 Aspect



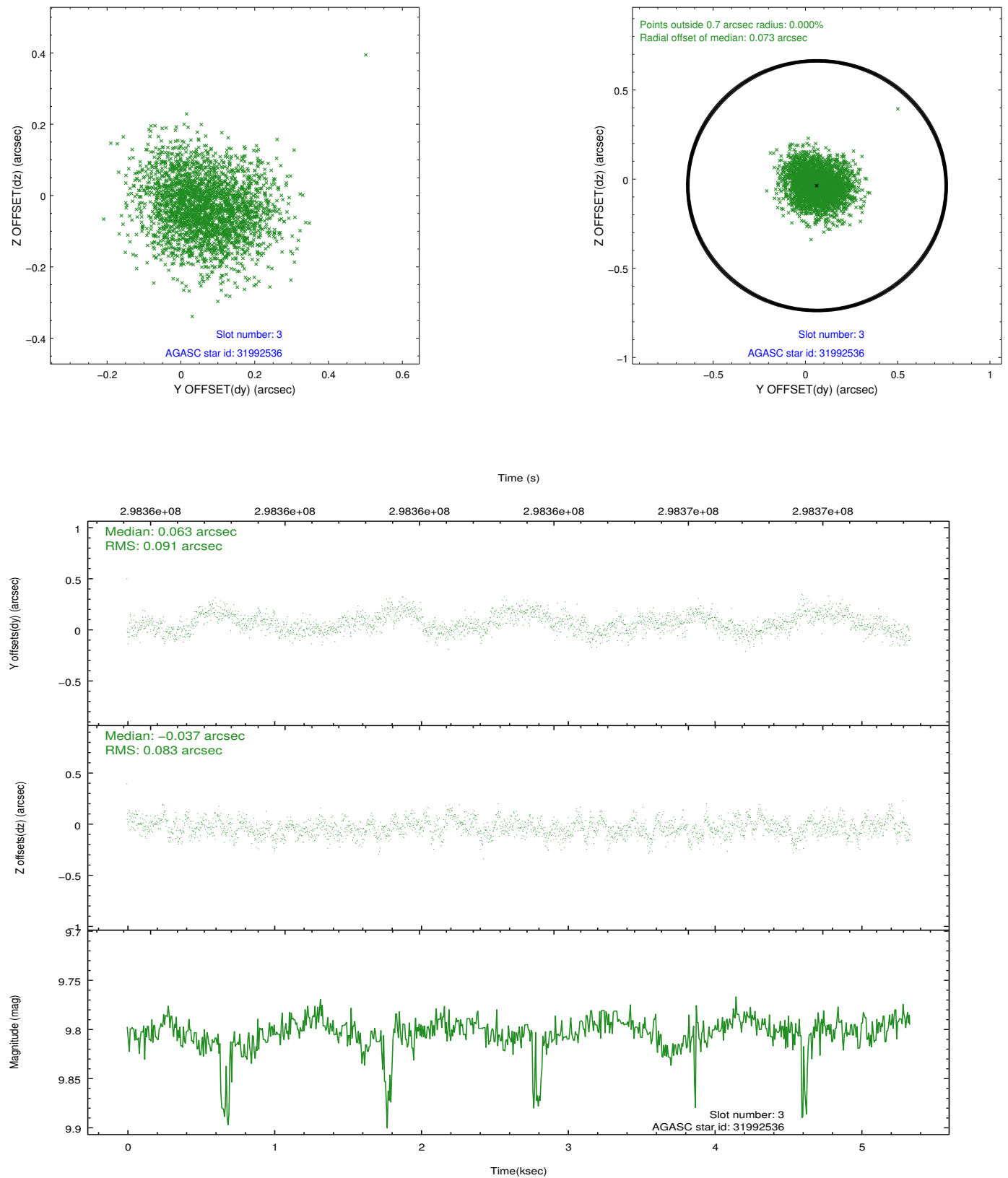


Slot Statistics

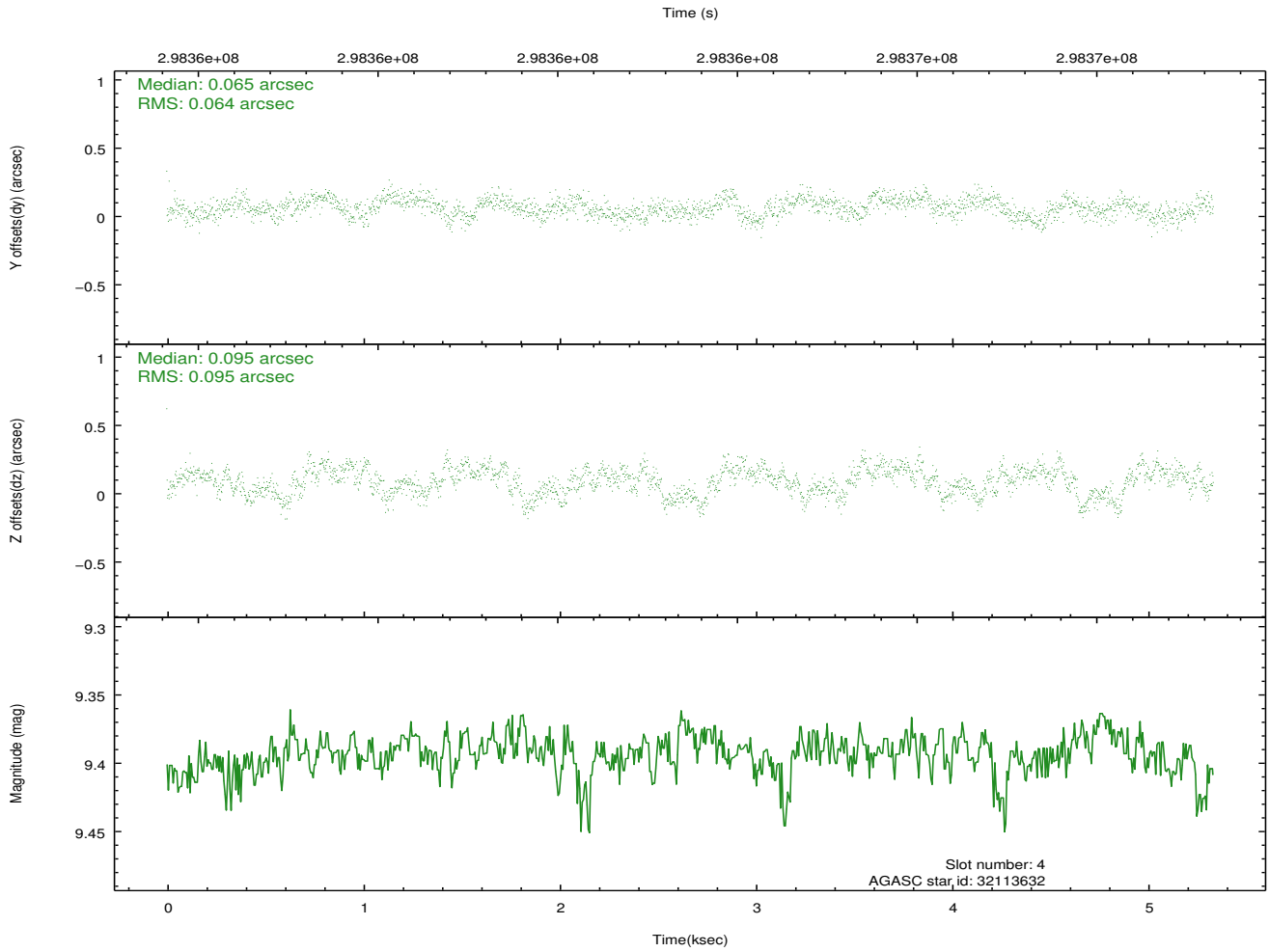
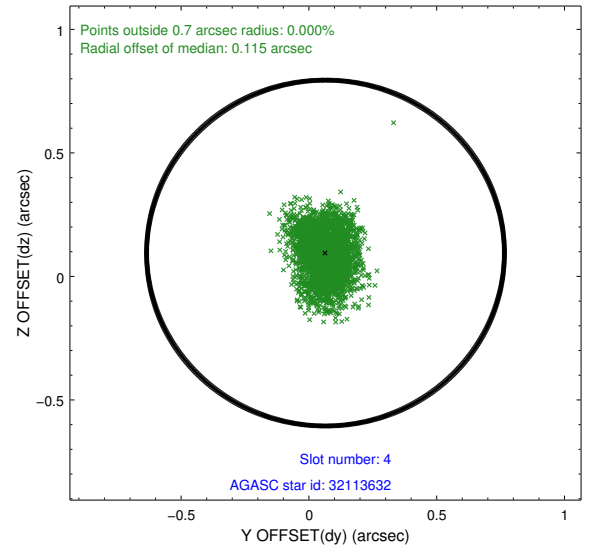
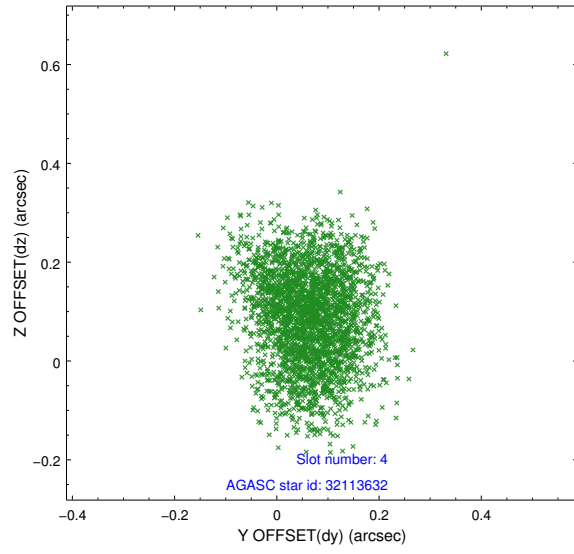
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1302	-0.092	-0.031	0.007	0.012	0.000000	0.000000	-767.58	-1737.07
1	FID	ACIS-S-4	7.19	1302	0.223	0.053	0.006	0.011	0.000000	0.000000	2145.48	170.34
2	FID	ACIS-S-5	7.22	1302	-0.161	-0.013	0.007	0.011	0.000000	0.000000	-1819.06	165.21
3	GUIDE	31992536	9.80	2599	0.063	-0.037	0.131	0.208	152.492178	0.502547	455.66	-941.16
4	GUIDE	32113632	9.39	2599	0.065	0.095	0.123	0.196	153.009600	0.266662	449.80	1105.78
5	GUIDE	32114664	8.78	2602	-0.066	-0.011	0.084	0.128	152.717232	1.005200	-1527.08	-959.39
6	GUIDE	32115032	8.94	2602	0.059	0.016	0.089	0.137	153.375427	0.438290	-662.19	2044.52
7	GUIDE	32115784	9.12	2598	-0.121	-0.058	0.091	0.147	153.121045	0.816504	-1517.03	645.09

2.4 Star Slots

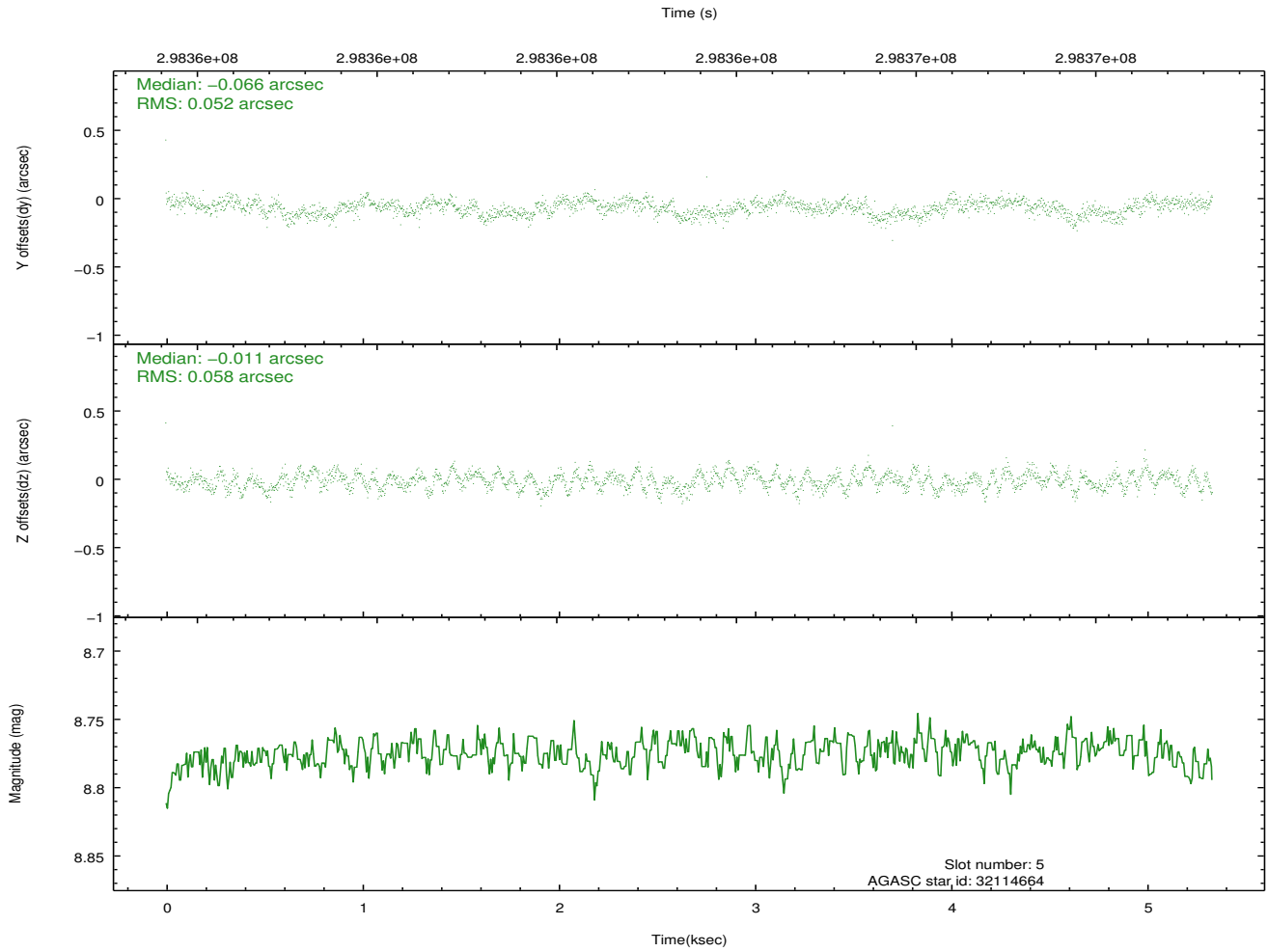
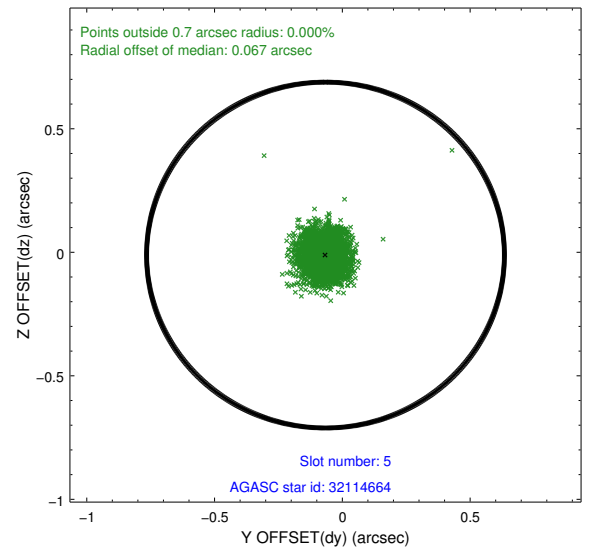
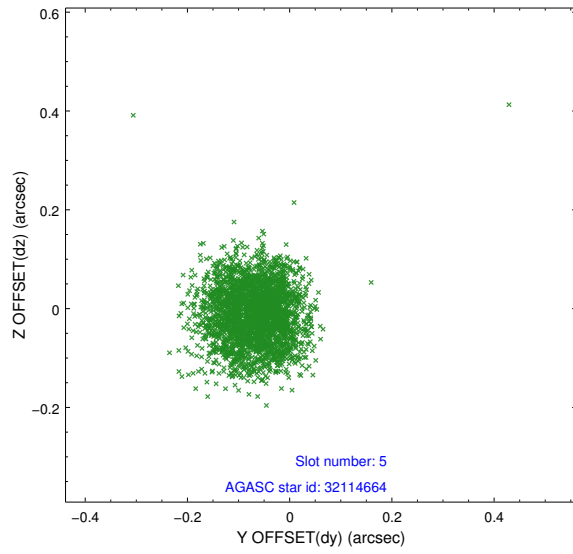
2.4.1 Slot 3



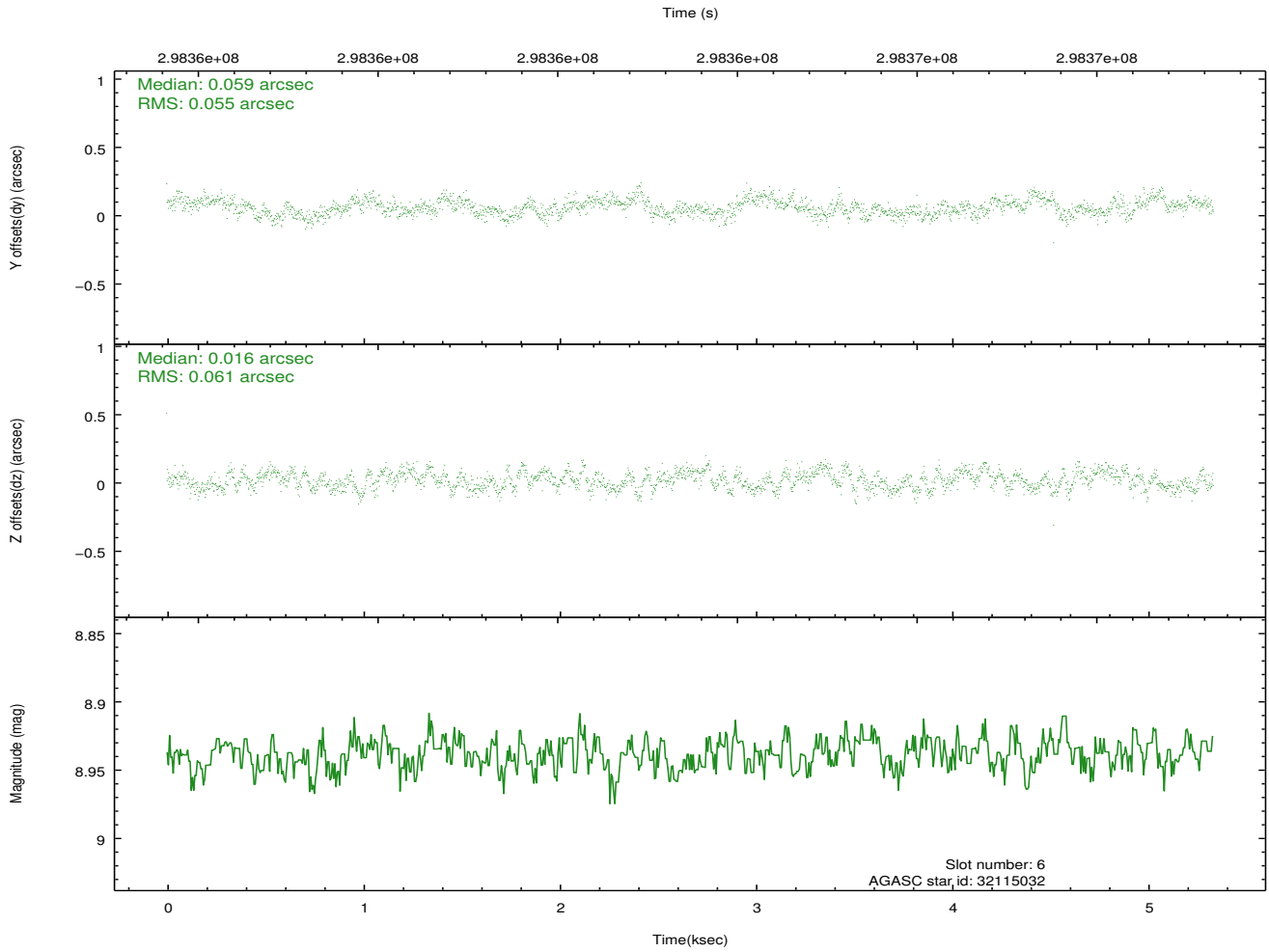
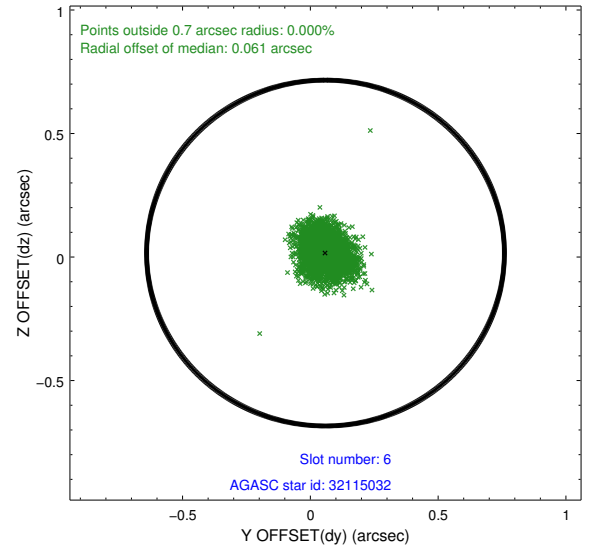
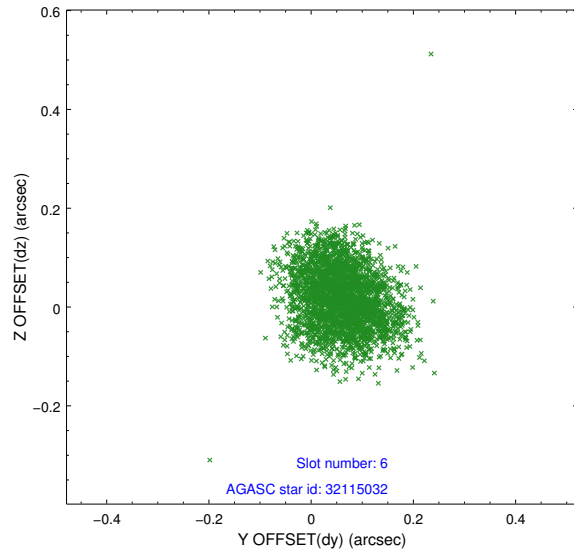
2.4.2 Slot 4



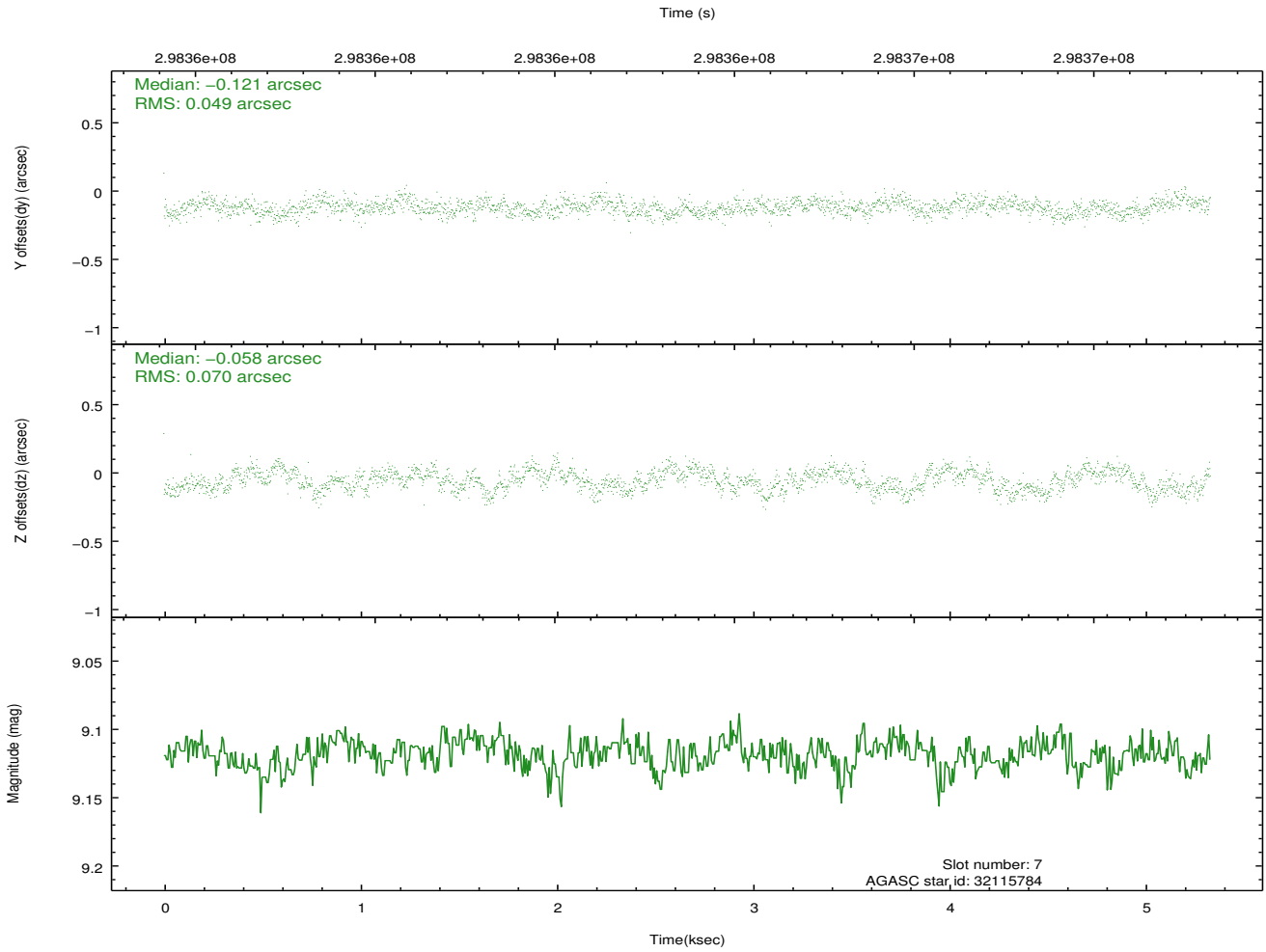
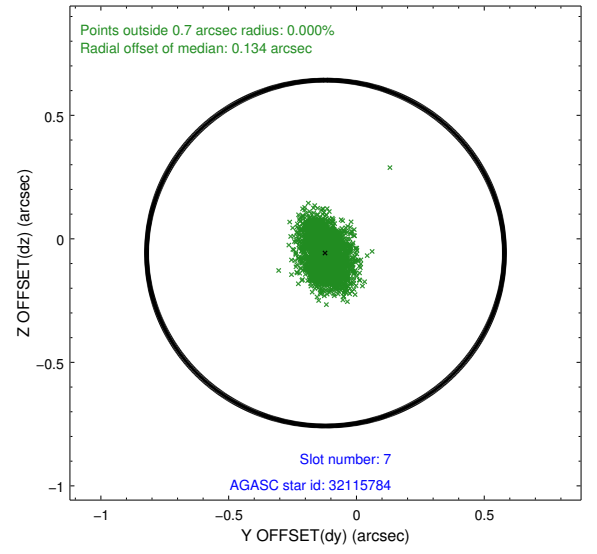
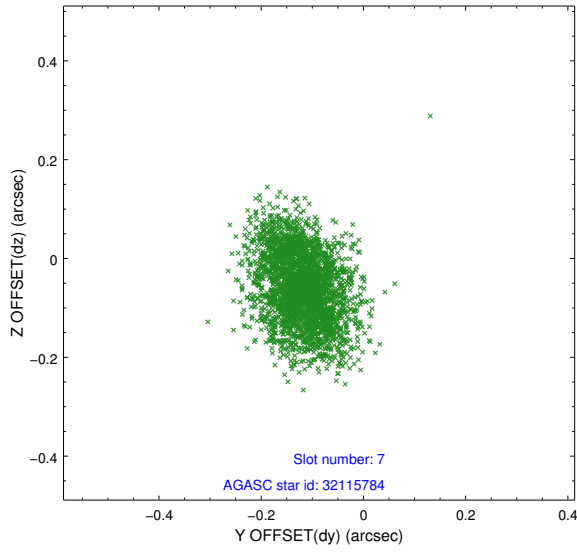
2.4.3 Slot 5



2.4.4 Slot 6

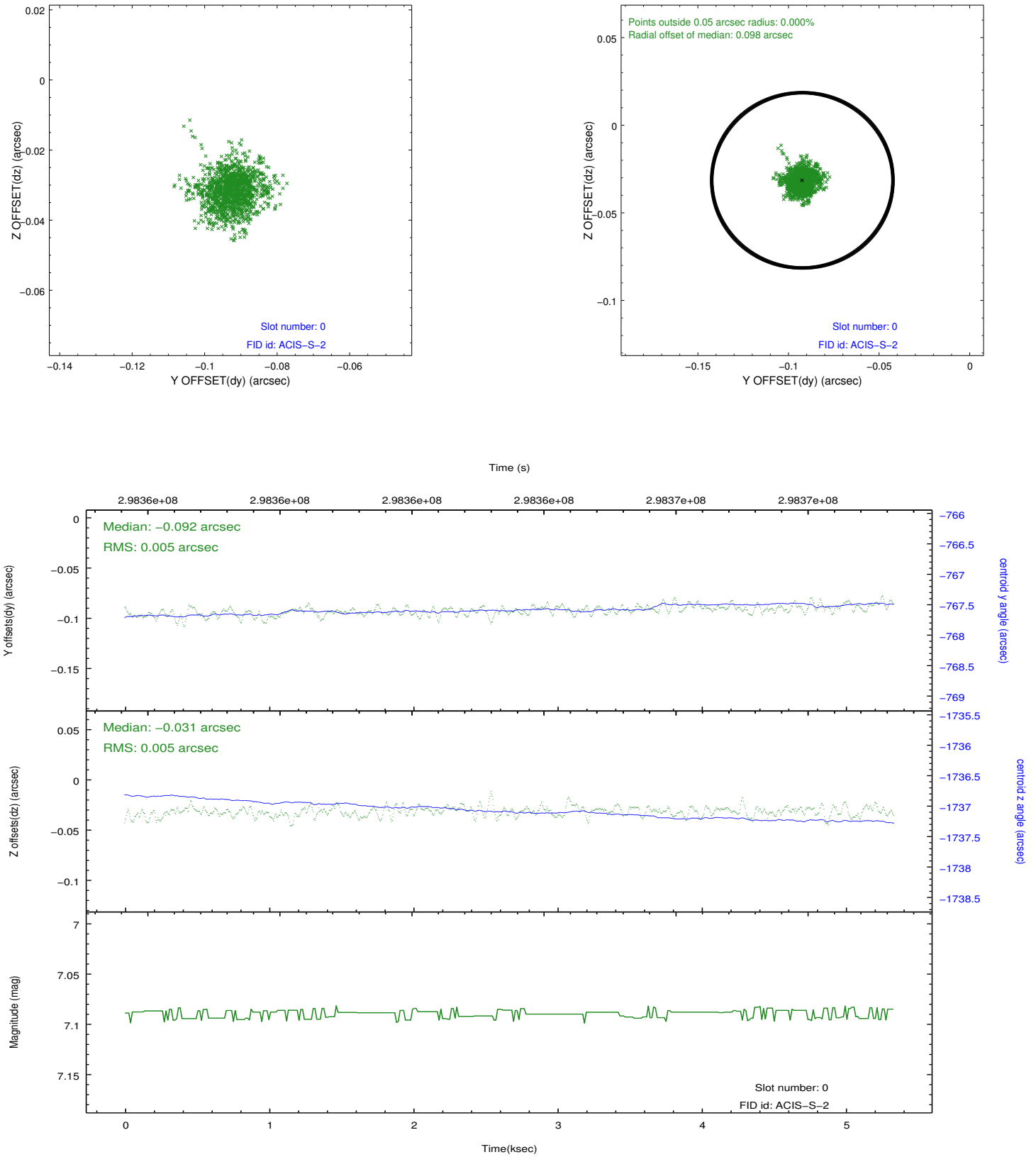


2.4.5 Slot 7

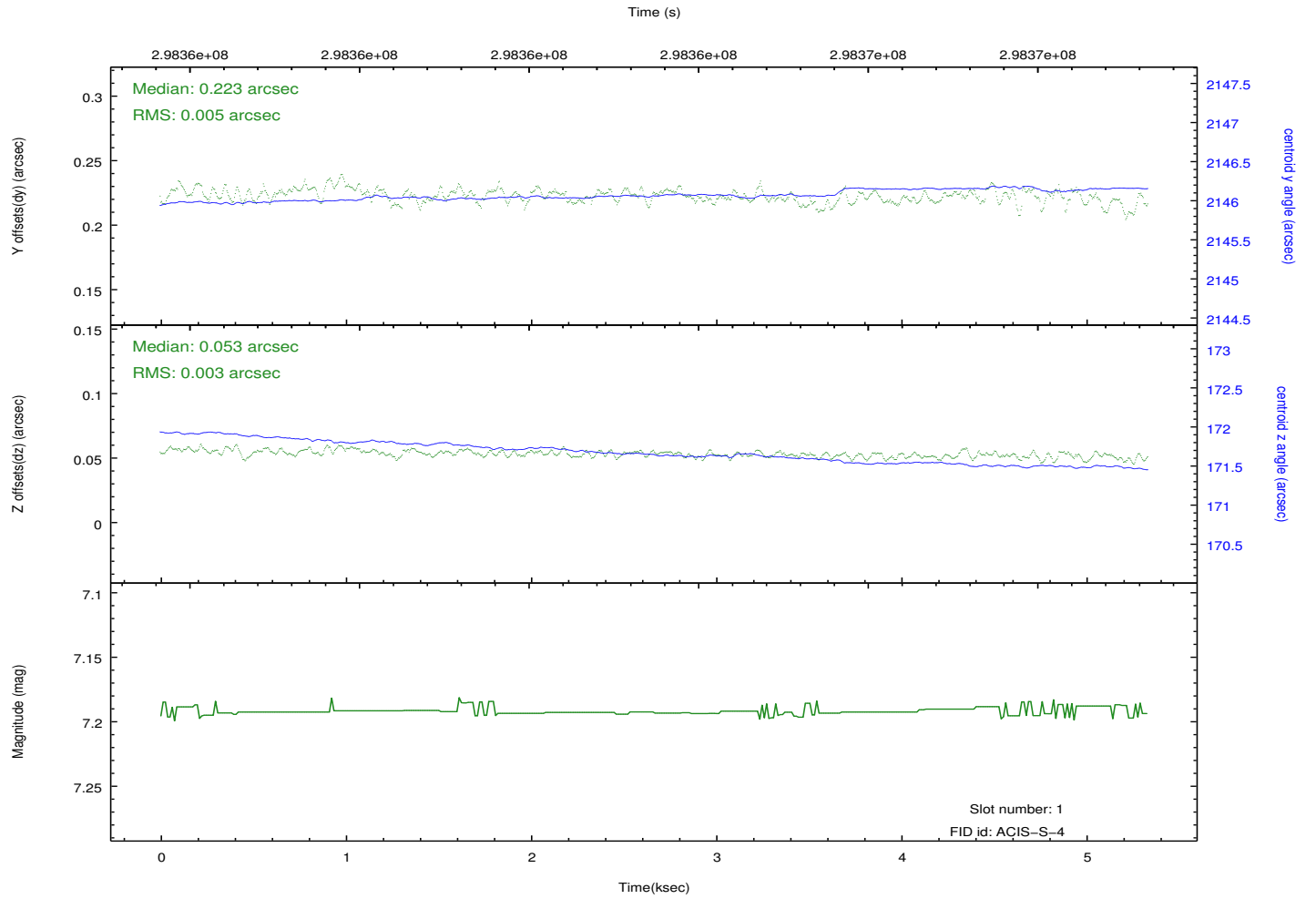
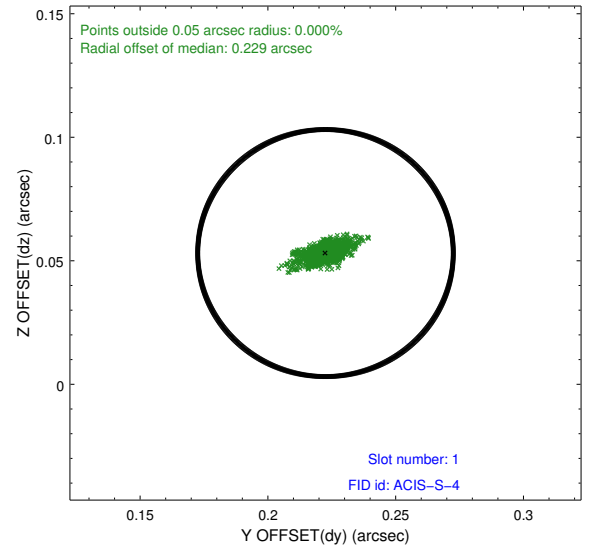
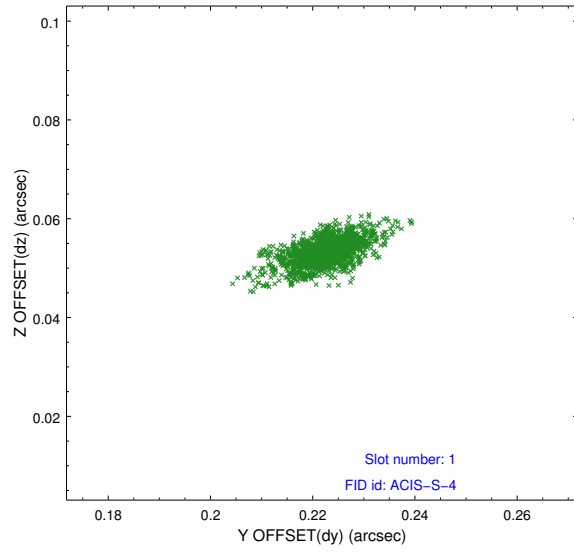


2.5 FID Slots

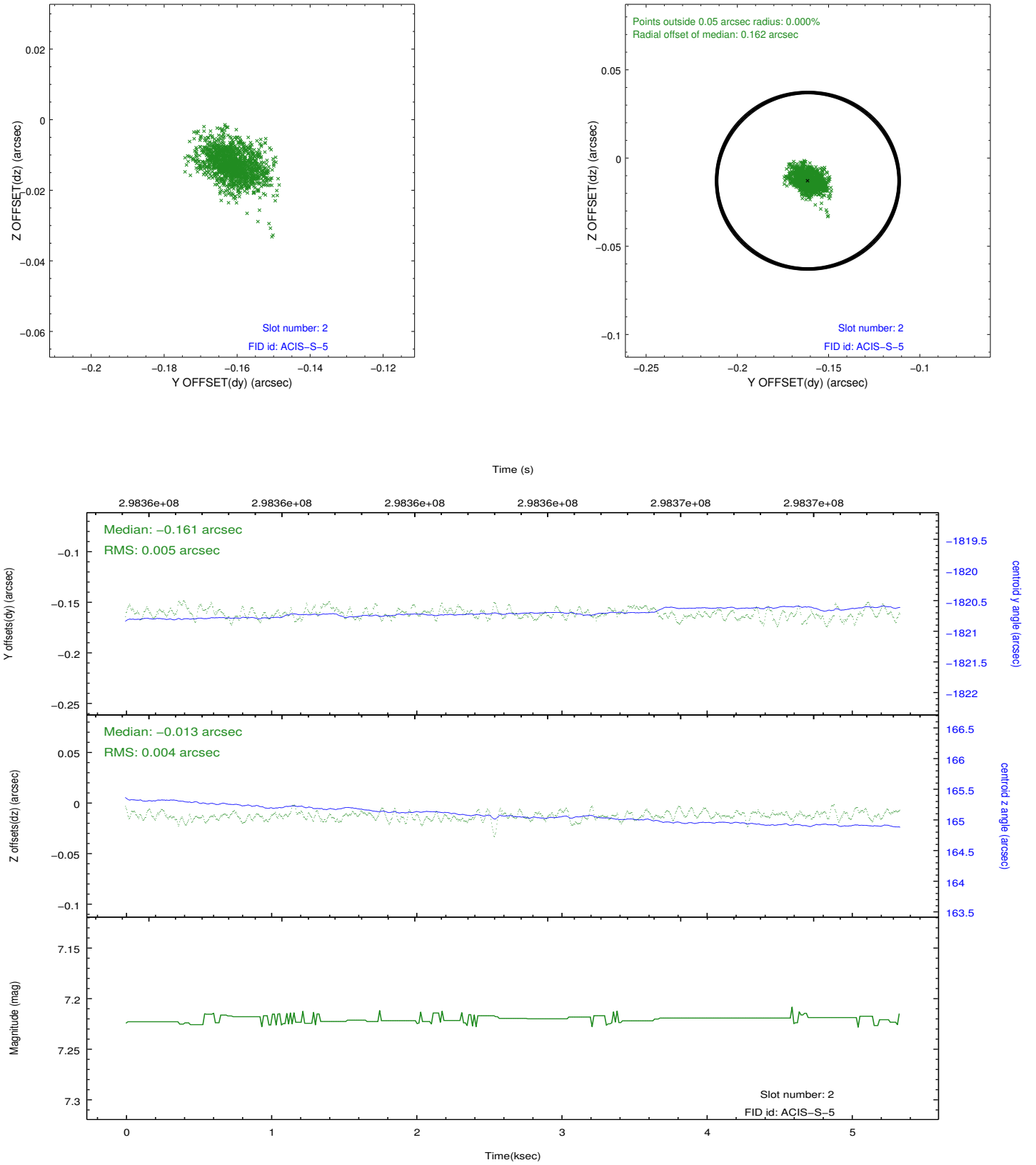
2.5.1 Slot 0



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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.33359968

A.2 Comments