

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7871 - L2 Version 3
Chandra X-Ray Center

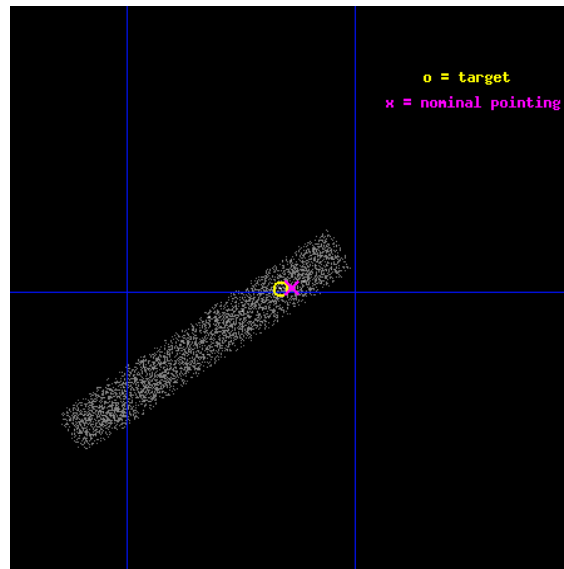
L2 Processing Date : Apr 20 2012

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1 Front

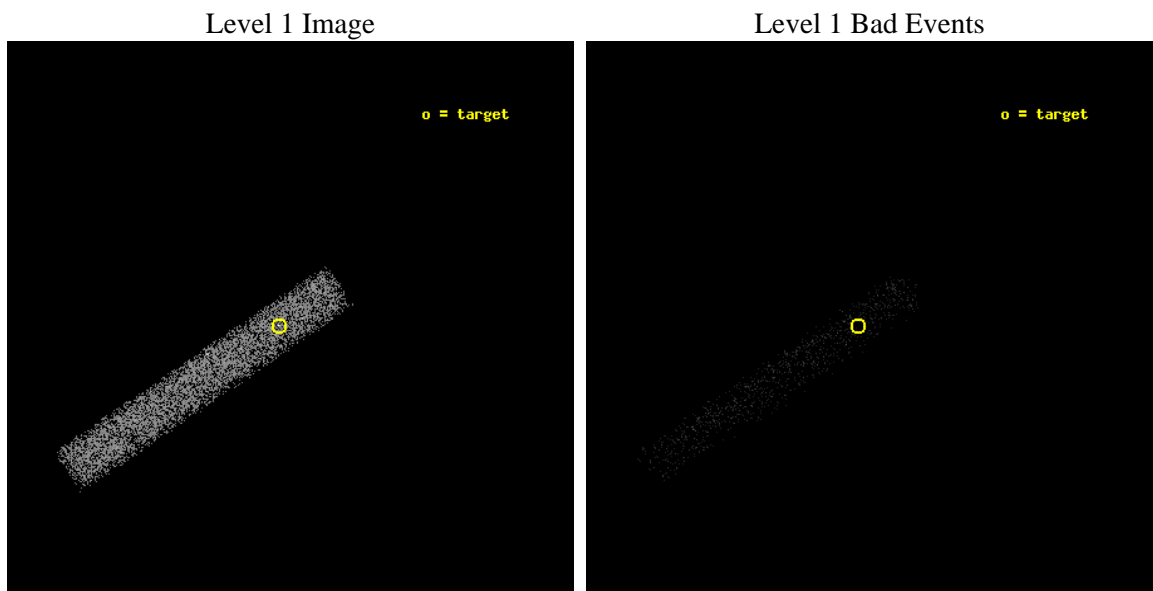
seq_num	701535	Sequence number
obs_id	7871	Observation id
title	Chandra Imaging of the Highest Redshift Relativistic Jets	Proposal
observer	Dr. C.C. Teddy Cheung	Principal investigator
object	1239+376	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.540833	Observer's specified target RA [deg]
dec_targ	37.334917	Observer's specified target Dec [deg]
ra_nom	190.53464884798	Nominal RA [deg]
dec_nom	37.33519467065	Nominal Dec [deg]
roll_nom	145.82701052692	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5216.7996890545	Sum of GTIs [s]
livetime	4731.3619527068	Livetime [s]
ontime7	5216.7996890545	Sum of GTIs [s]
l2events	4663	Number of level 2 events



2 OBI

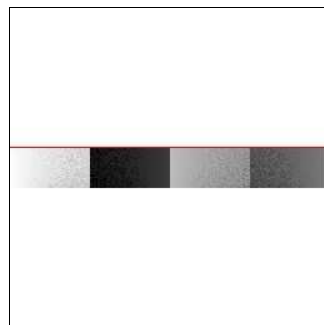
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5070.669000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5216.7996890545	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5216.7996890545	Sum of GTIs [s]
date	2012-04-21T02:00:52	Date and time of file creation	l1events	11407	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

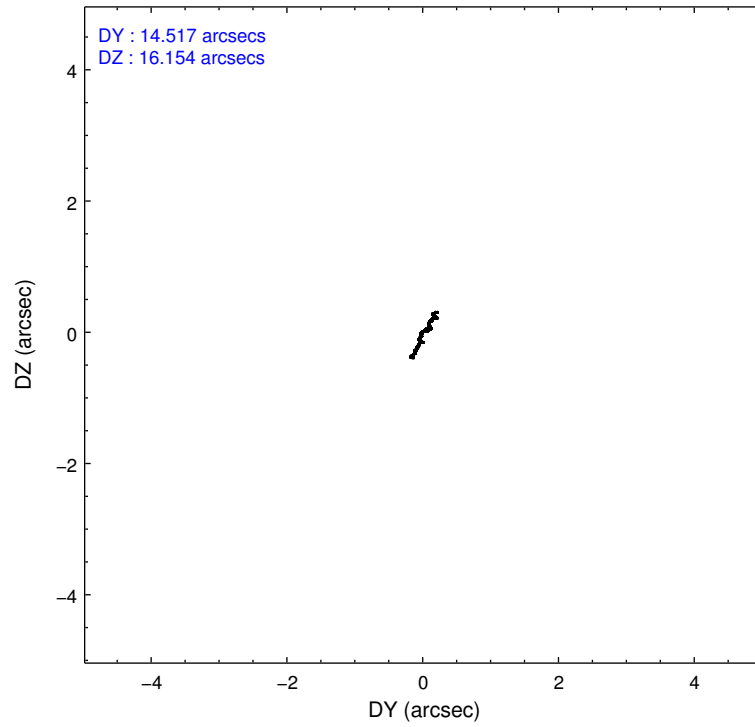
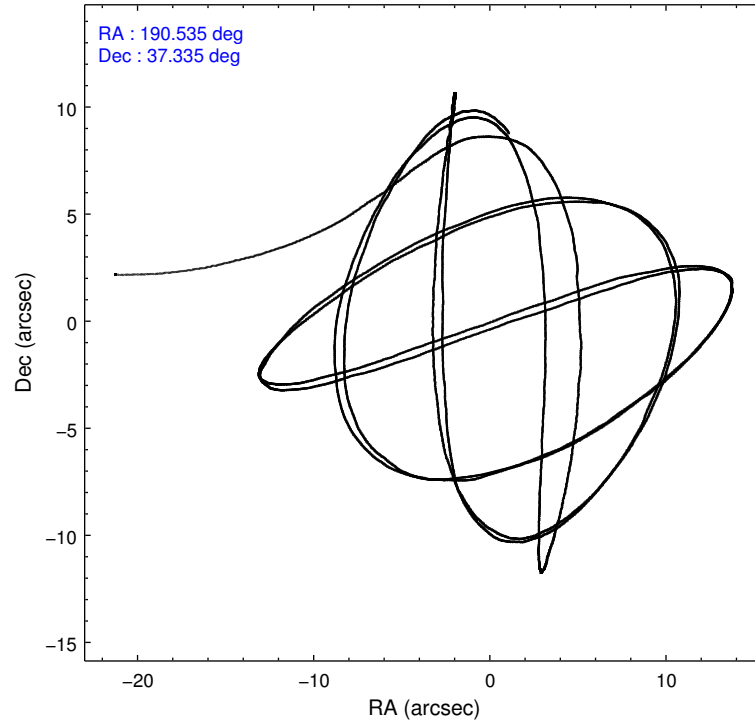
	ccd 7
level 1 events	11407
rejected events	6577
rejected %	57%

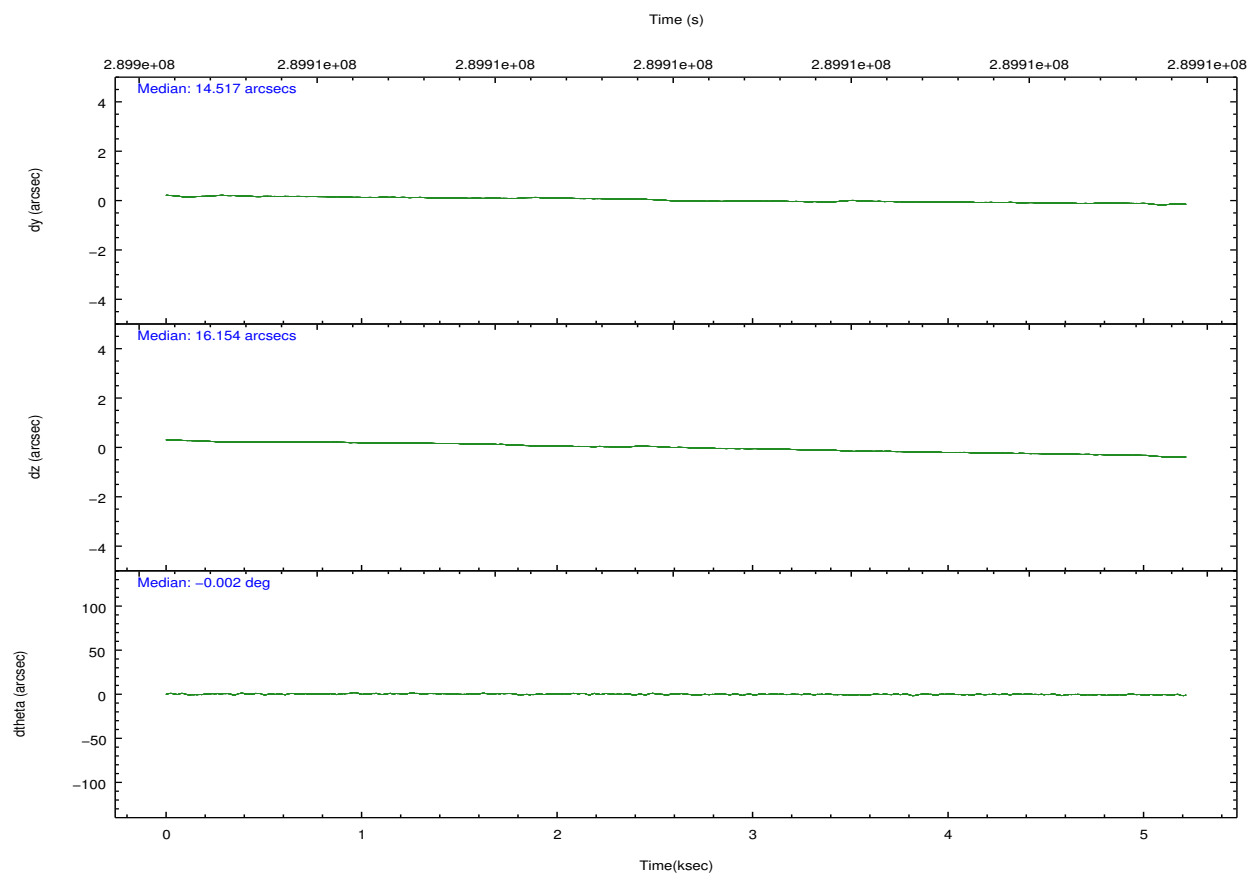
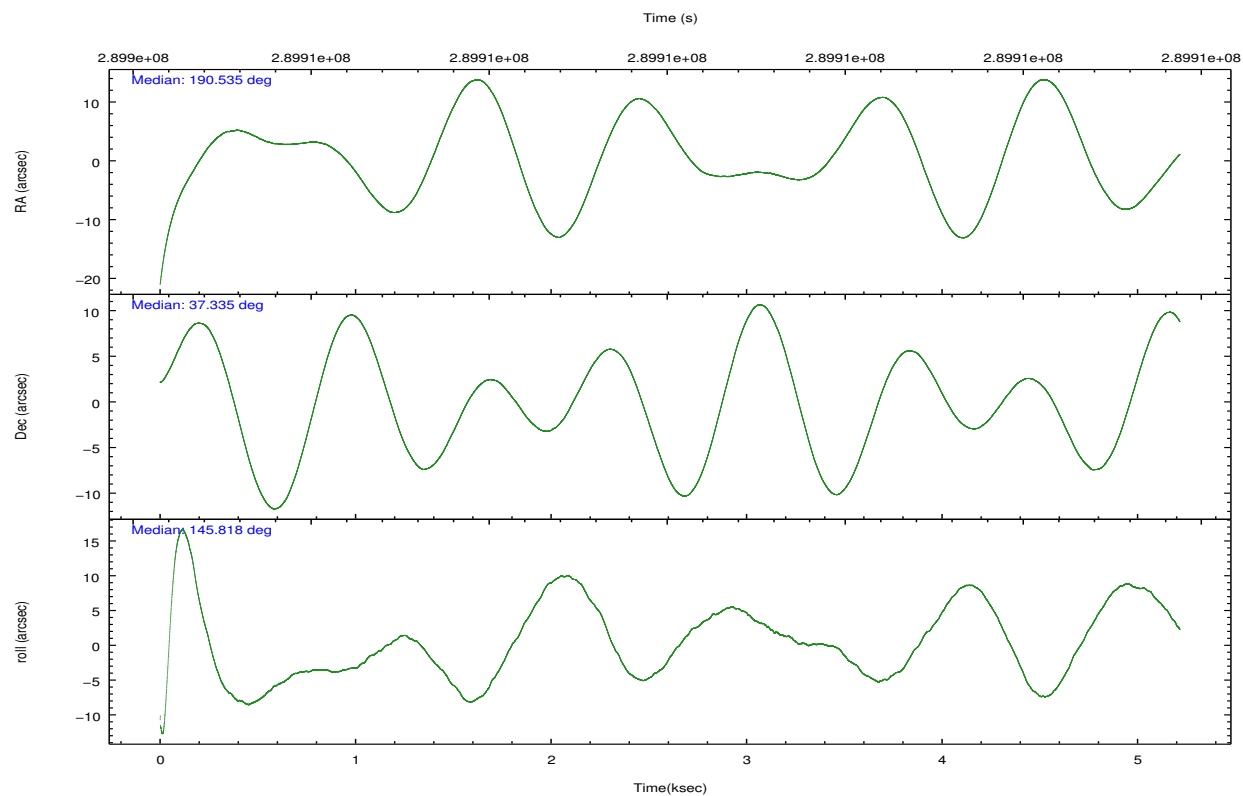
	ccd 7
grade 0 events	626
	5%
grade 1 events	14
	0%
grade 2 events	1098
	9%
grade 3 events	646
	5%
grade 4 events	682
	5%
grade 5 events	936
	8%
grade 6 events	2632
	23%
grade 7 events	4773
	41%

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	190.569073	190.5346488479846	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	37.333500	37.33519467065037	Subarray start row	449	449
[deg] Pointing Roll	145.649594	145.8270105269205	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)	289905555.184000	289904417.41045			
Observation start date	2007-03-10T09:18:10	2007-03-10T09:00:17			
[s] Observation end time (MET)	289910626.184000	289910856.46076			
Observation end date	2007-03-10T10:42:41	2007-03-10T10:47:36			
Read mode	TIMED	TIMED			

2.3 Aspect



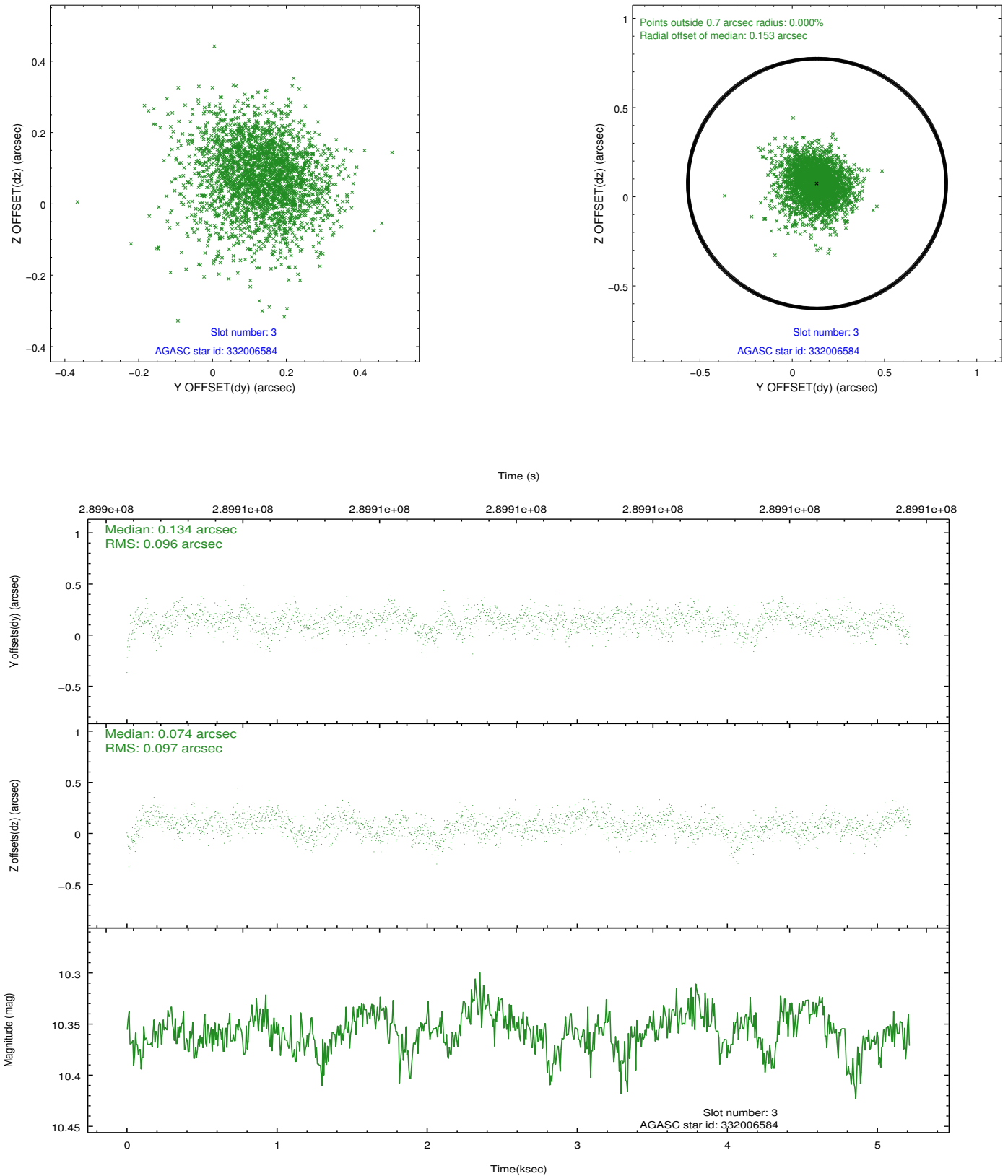


Slot Statistics

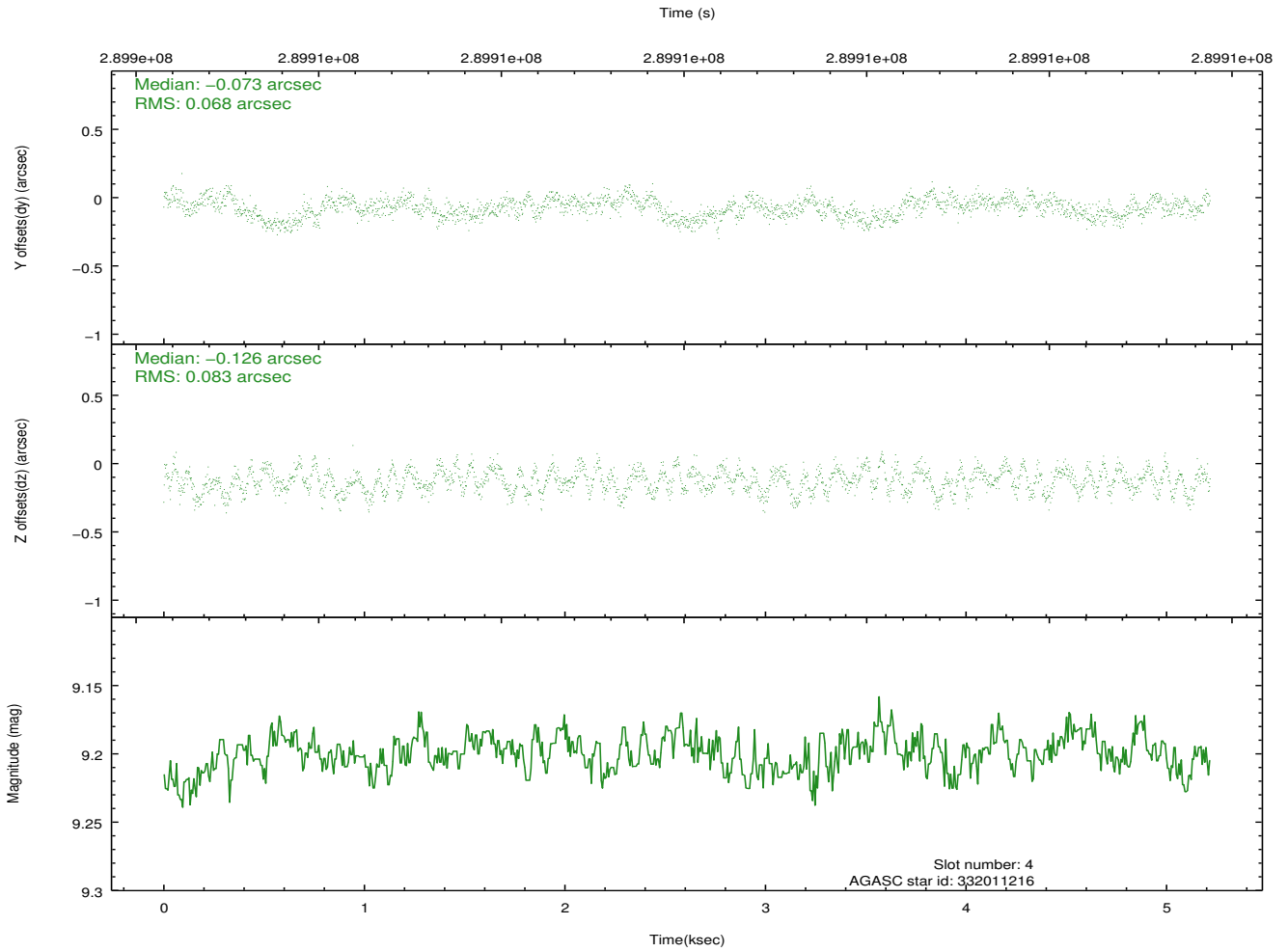
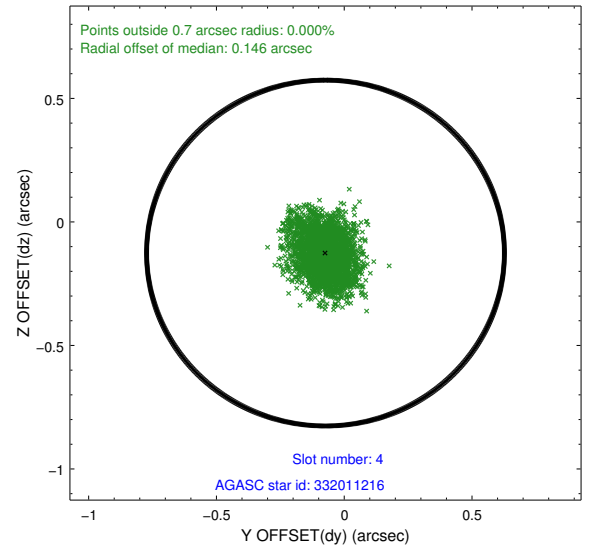
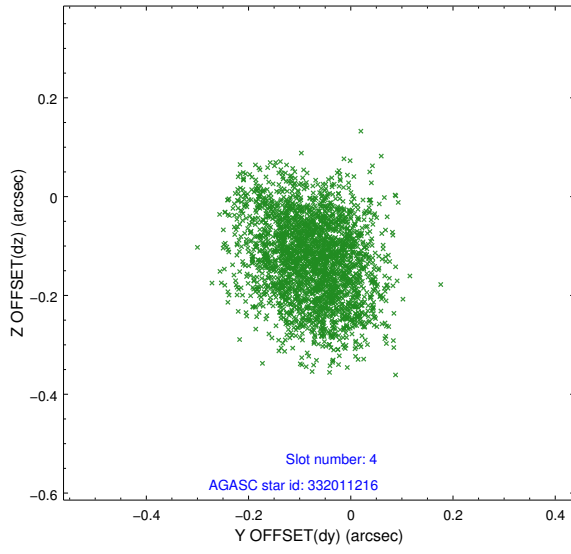
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	1273	0.053	-0.069	0.008	0.013	0.000000	0.000000	928.49	-1733.24
1	FID	ACIS-S-2	7.09	1273	-0.169	-0.039	0.006	0.011	0.000000	0.000000	-766.99	-1738.87
2	FID	ACIS-S-4	7.19	1273	0.090	0.114	0.006	0.010	0.000000	0.000000	2145.34	169.84
3	GUIDE	332006584	10.36	2542	0.134	0.074	0.142	0.239	191.054253	36.974385	-1879.35	277.26
4	GUIDE	332011216	9.20	2541	-0.073	-0.126	0.116	0.182	189.987441	36.998231	701.49	1936.34
5	GUIDE	332018672	9.80	2540	-0.026	-0.066	0.110	0.180	190.721552	36.831544	-1382.52	1244.78
6	GUIDE	395974448	10.17	2544	-0.223	-0.059	0.126	0.210	190.560181	37.970127	1313.66	-1876.90
7	GUIDE	395988200	9.61	2543	0.190	0.181	0.119	0.189	190.406726	37.824604	1379.94	-1199.43

2.4 Star Slots

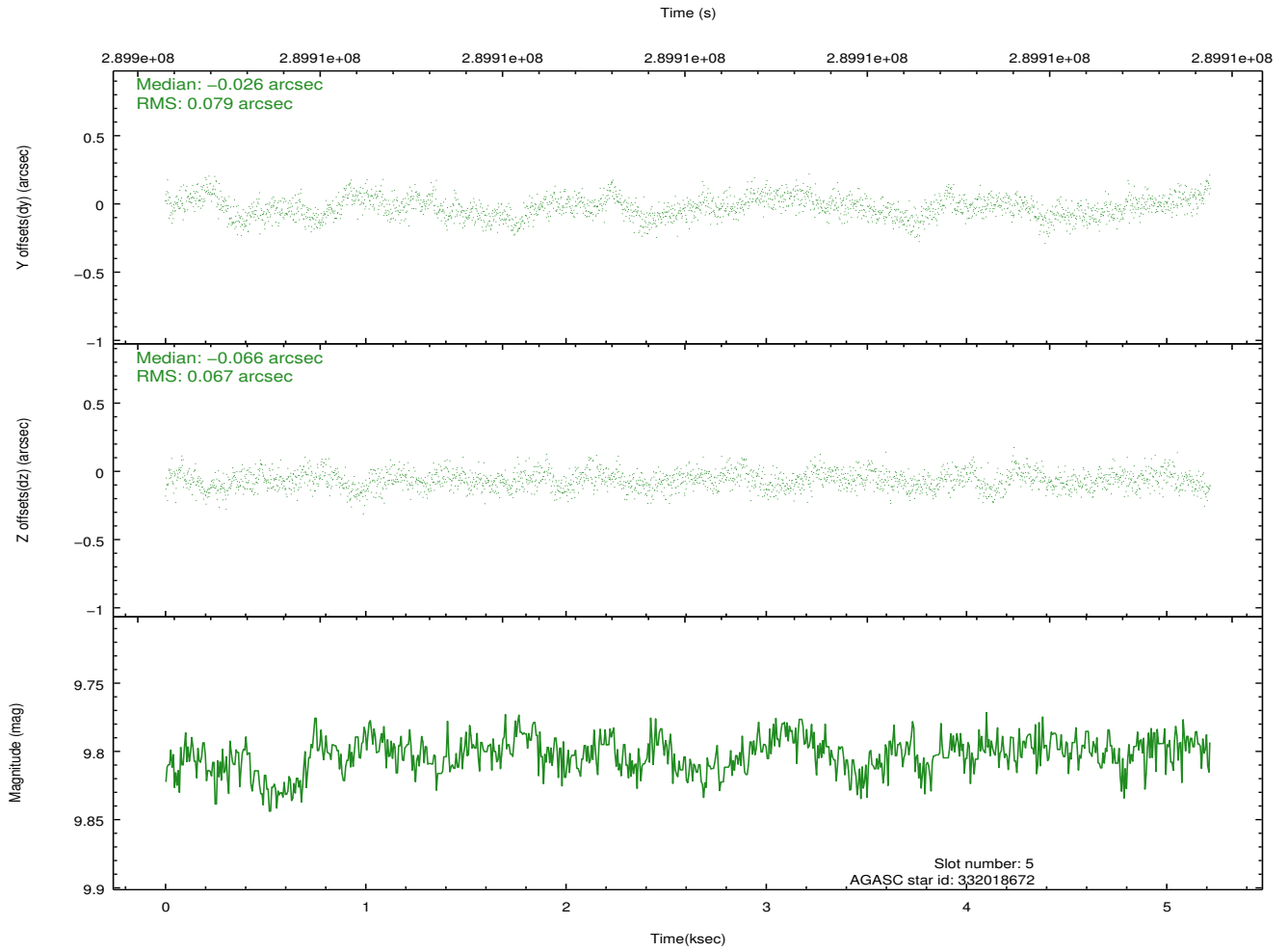
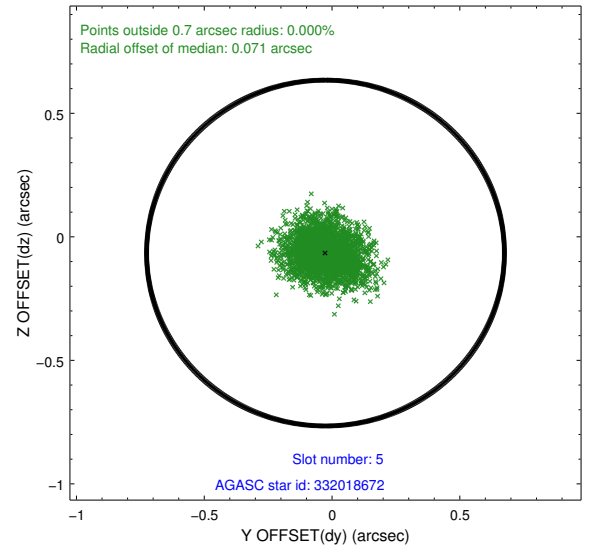
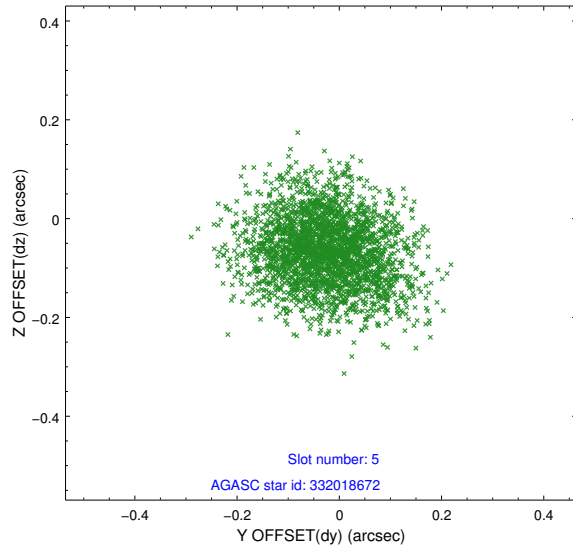
2.4.1 Slot 3



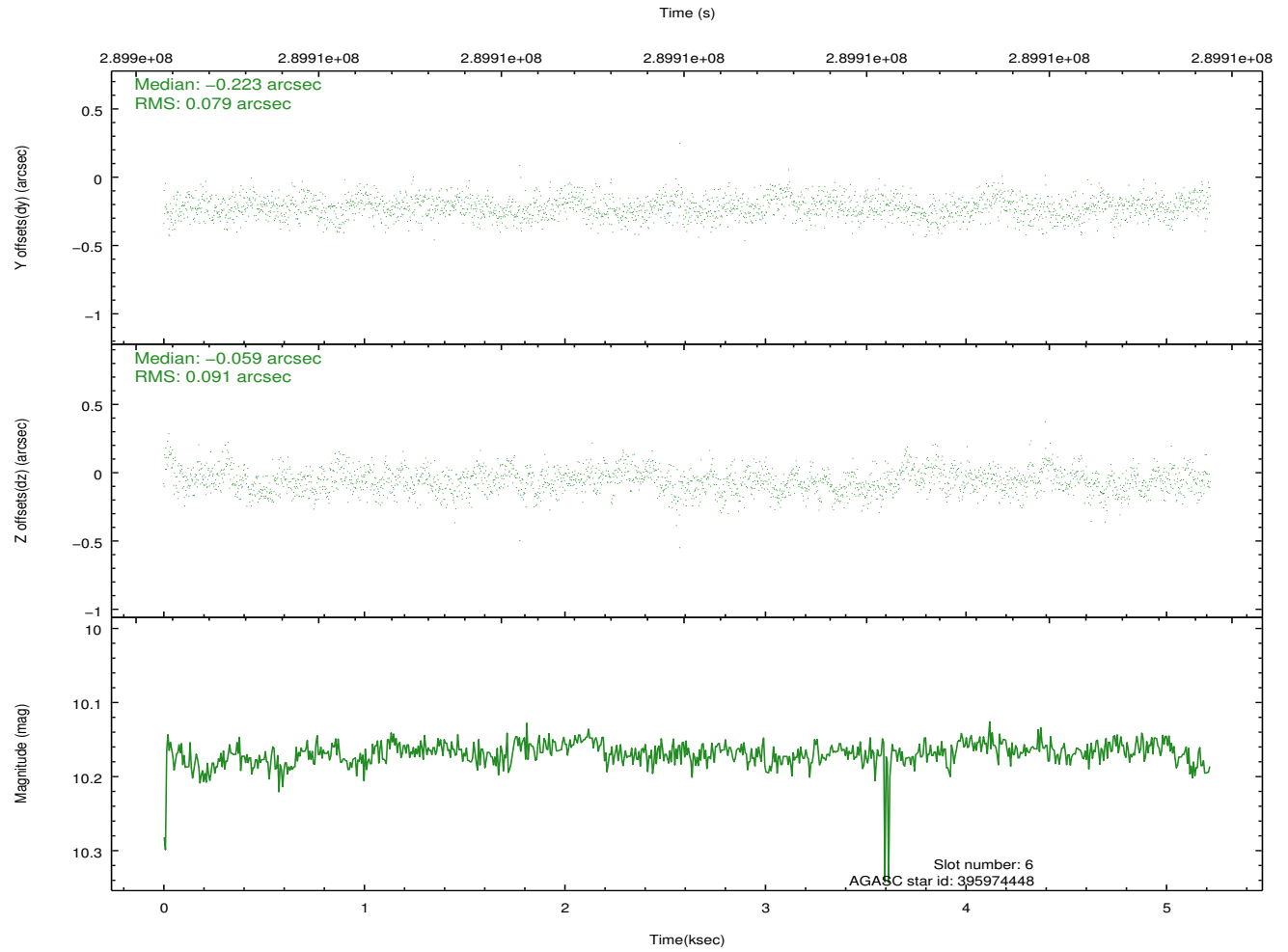
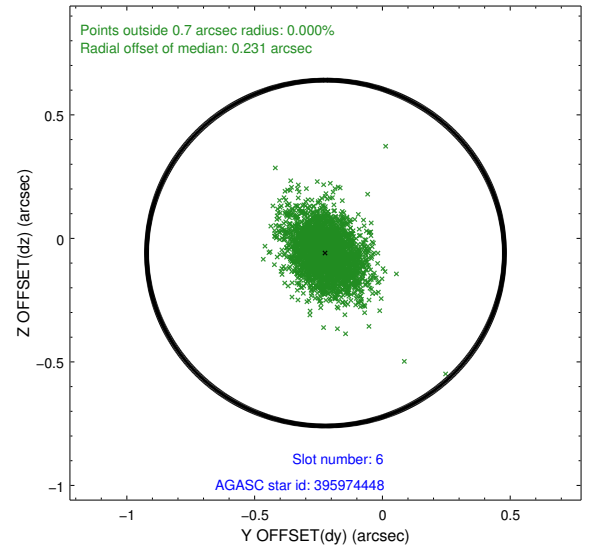
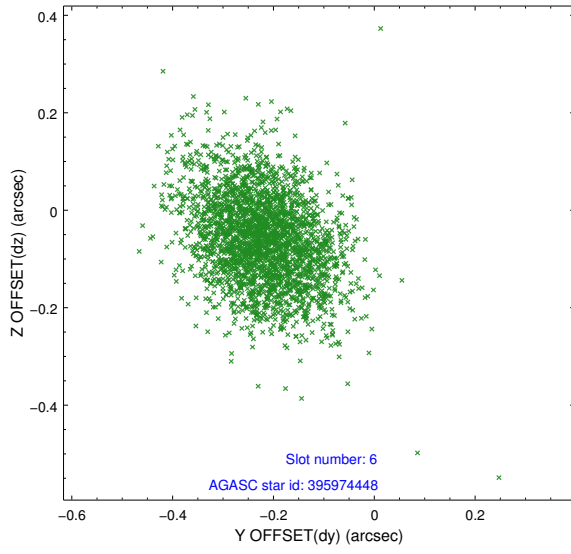
2.4.2 Slot 4



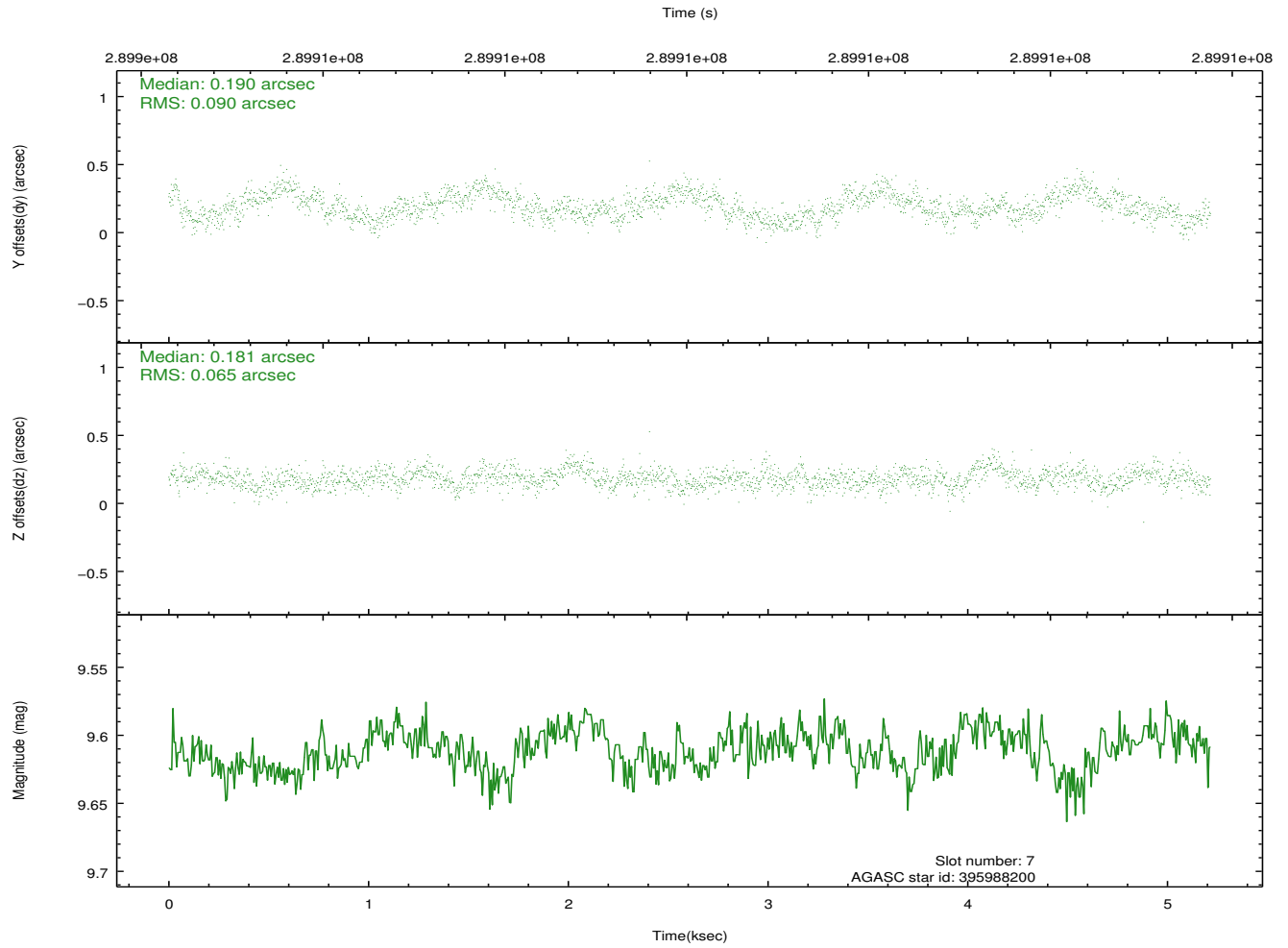
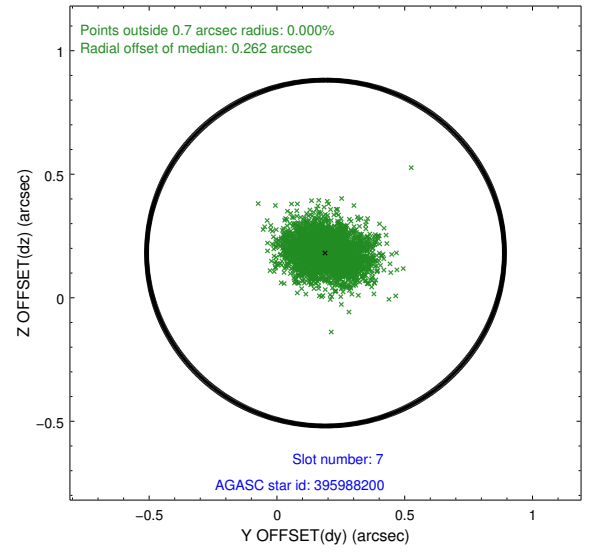
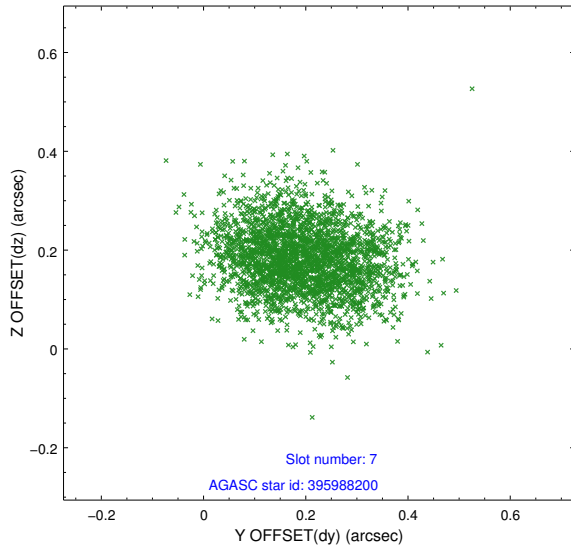
2.4.3 Slot 5



2.4.4 Slot 6

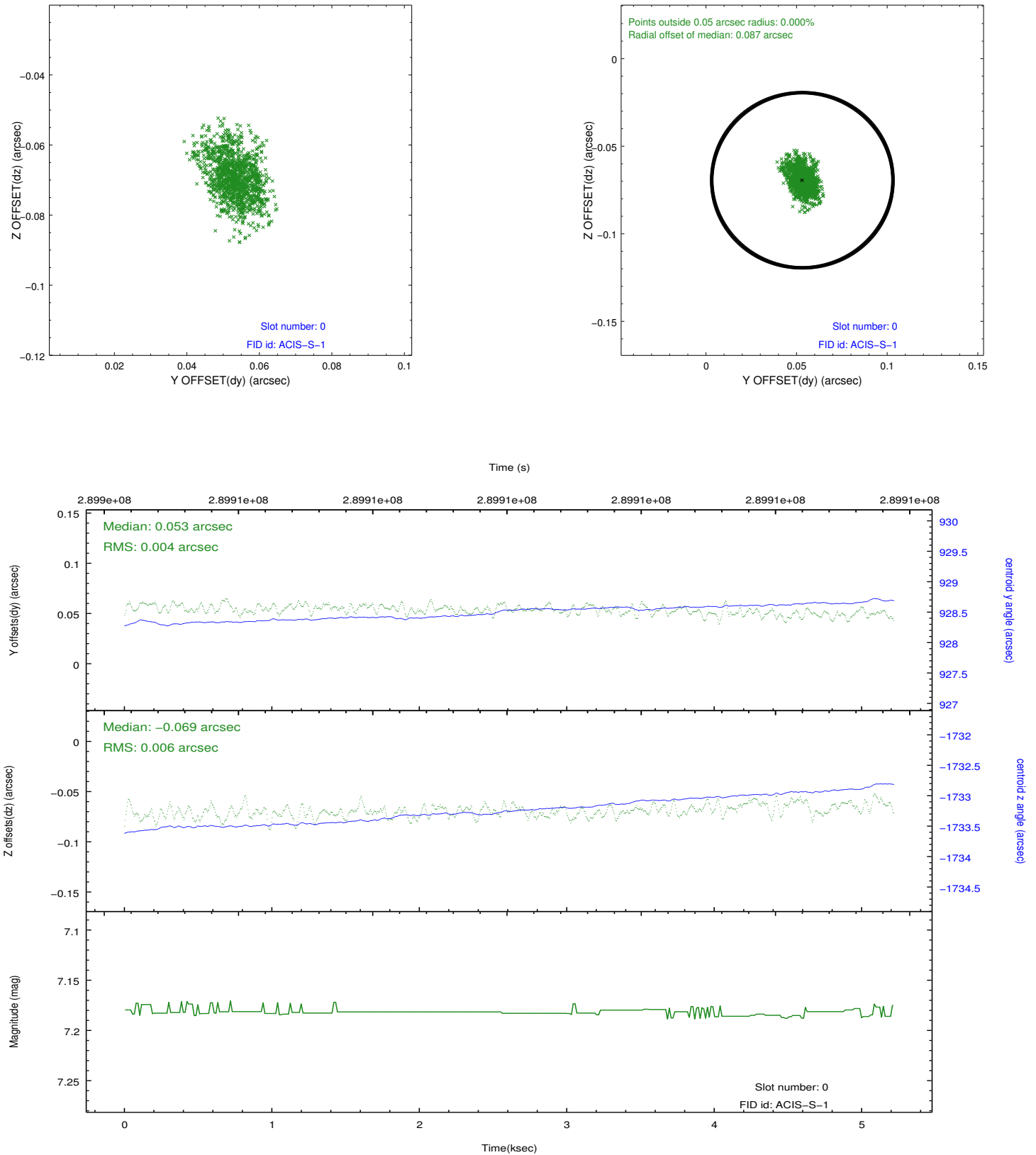


2.4.5 Slot 7

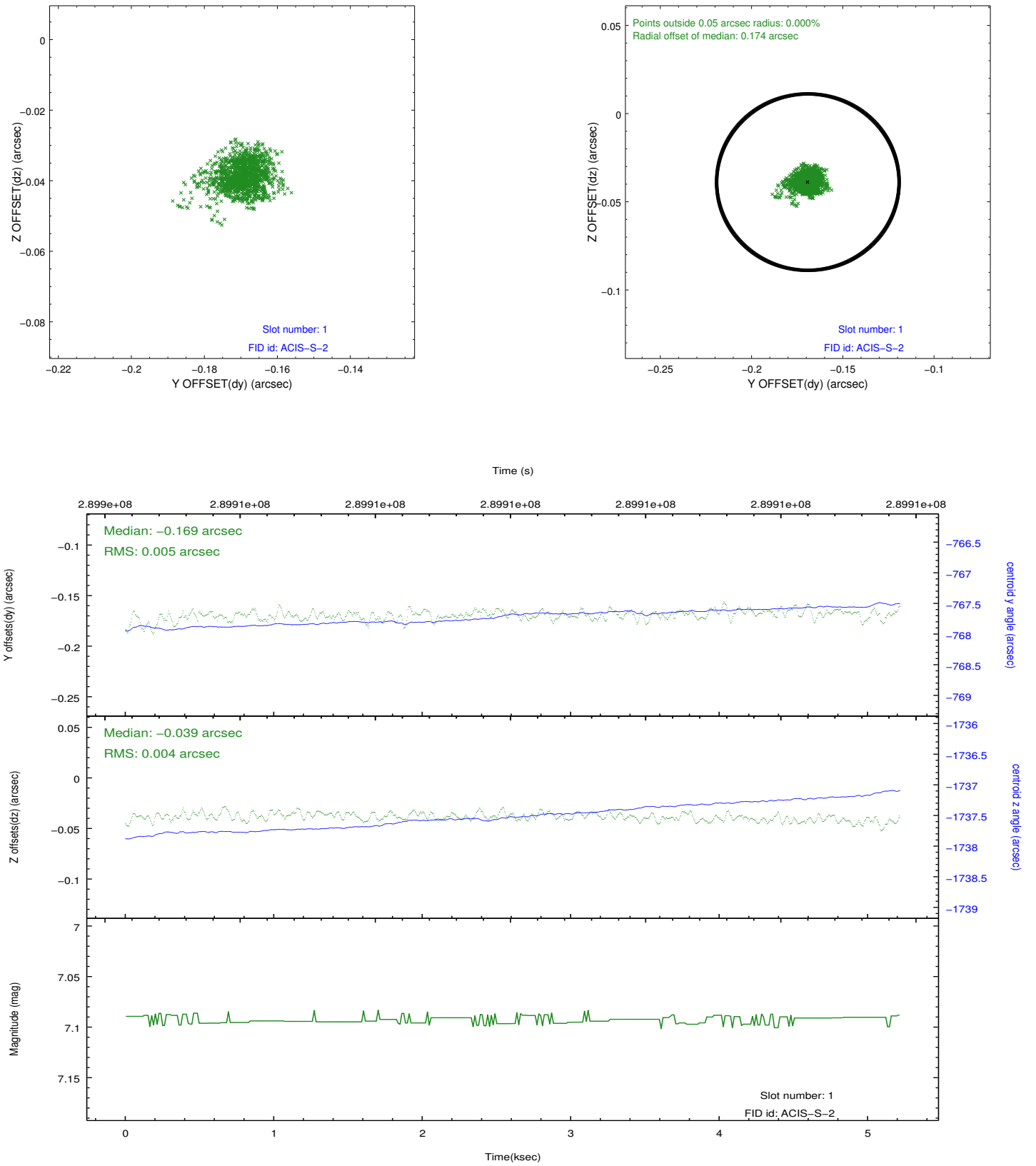


2.5 FID Slots

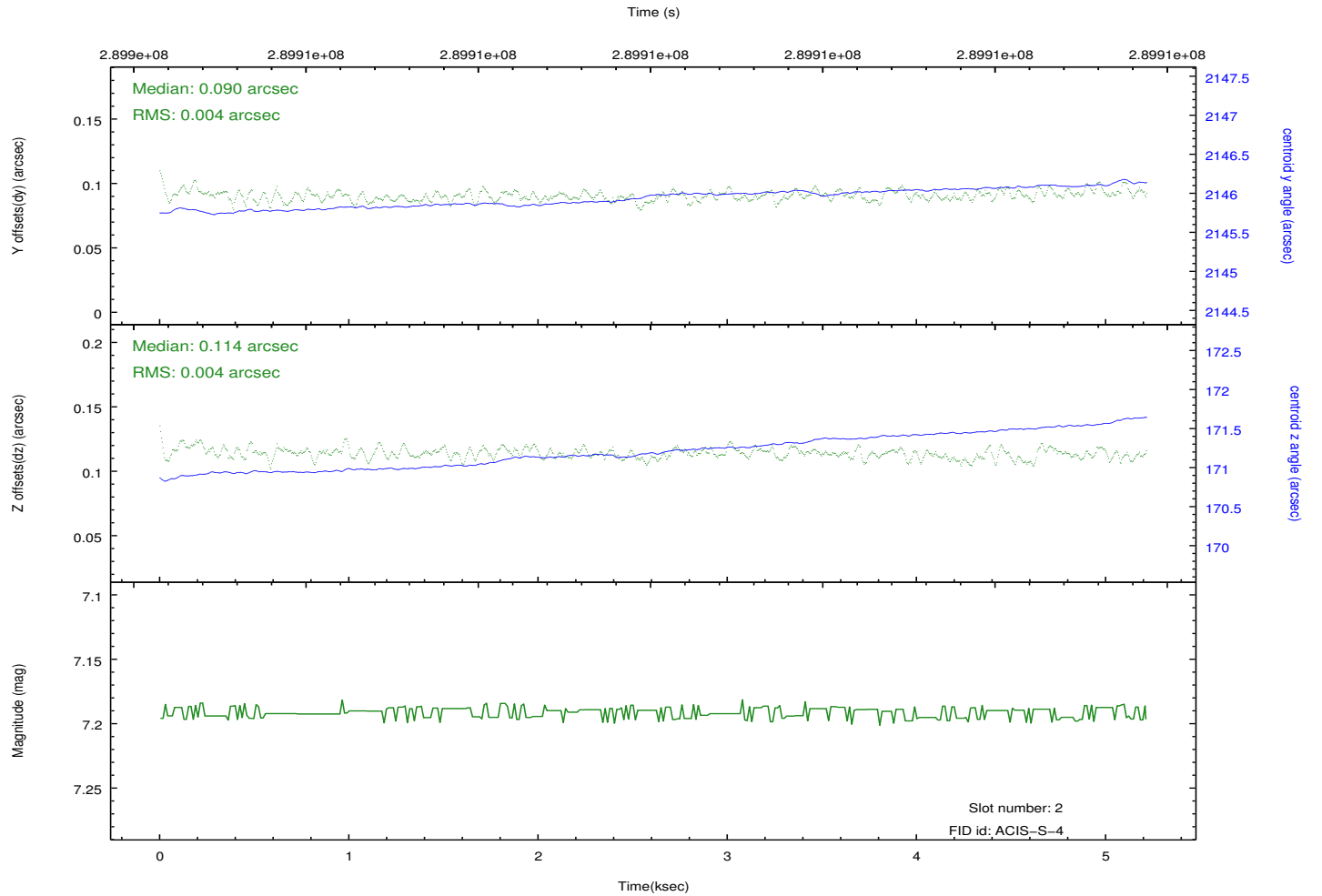
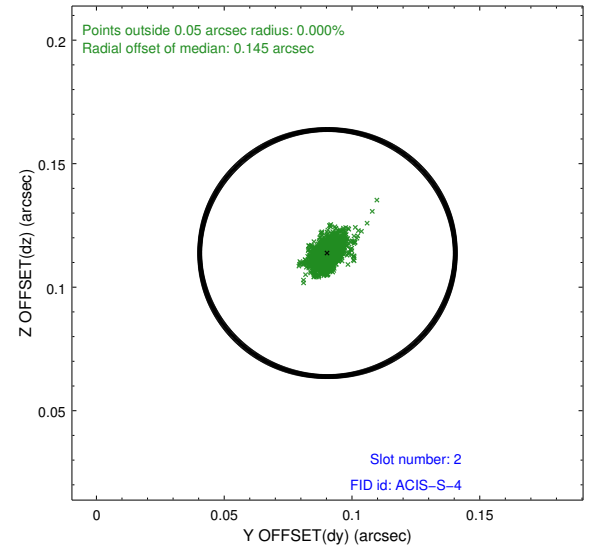
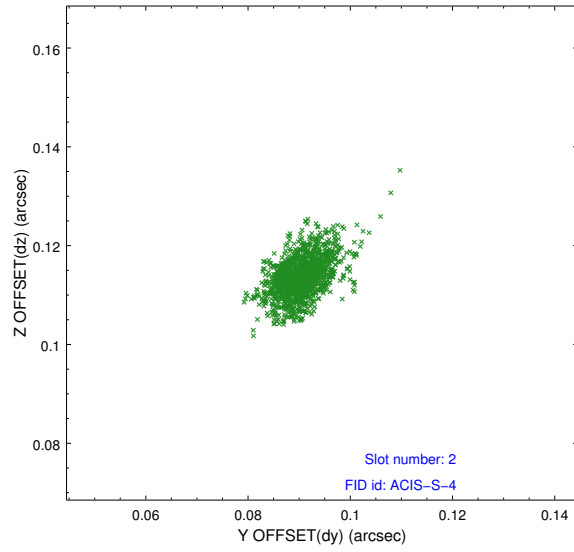
2.5.1 Slot 0



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)	2012.04.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.21679968

A.2 Comments

Joint proposal with NRAO.