

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11466 - L2 Version 2
Chandra X-Ray Center

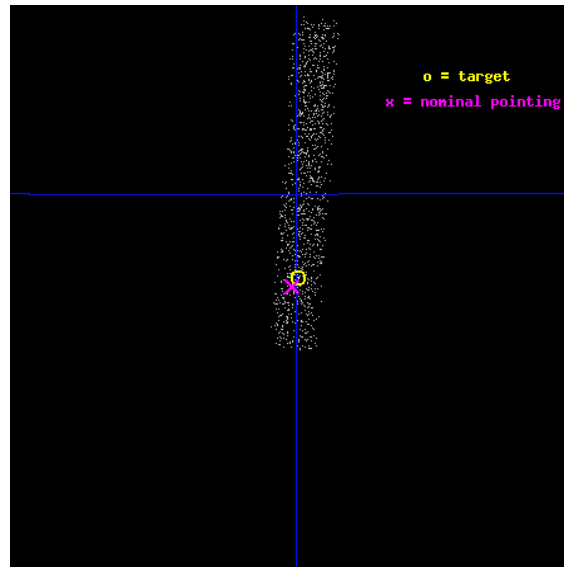
L2 Processing Date : Jun 30 2012

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1 Front

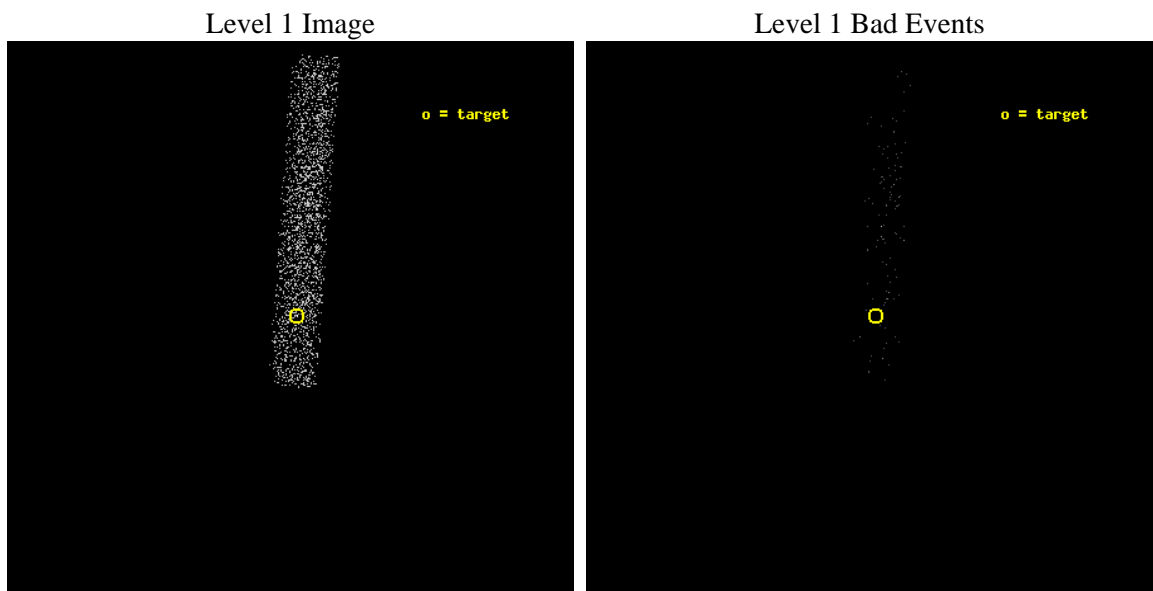
seq_num	702052	Sequence number
obs_id	11466	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J125359.62+462750.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	193.498333	Observer's specified target RA [deg]
dec_targ	46.463917	Observer's specified target Dec [deg]
ra_nom	193.50270937244	Nominal RA [deg]
dec_nom	46.460050759817	Nominal Dec [deg]
roll_nom	274.19377776189	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2009.1329849958	Sum of GTIs [s]
livetime	1822.1775666569	Livetime [s]
ontime7	2009.1329849958	Sum of GTIs [s]
l2events	1258	Number of level 2 events



2 OBI

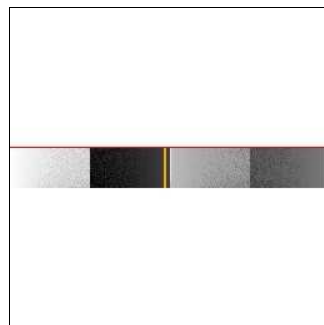
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2009.1329849958	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2009.1329849958	Sum of GTIs [s]
date	2012-07-01T01:47:21	Date and time of file creation	l1events	2571	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

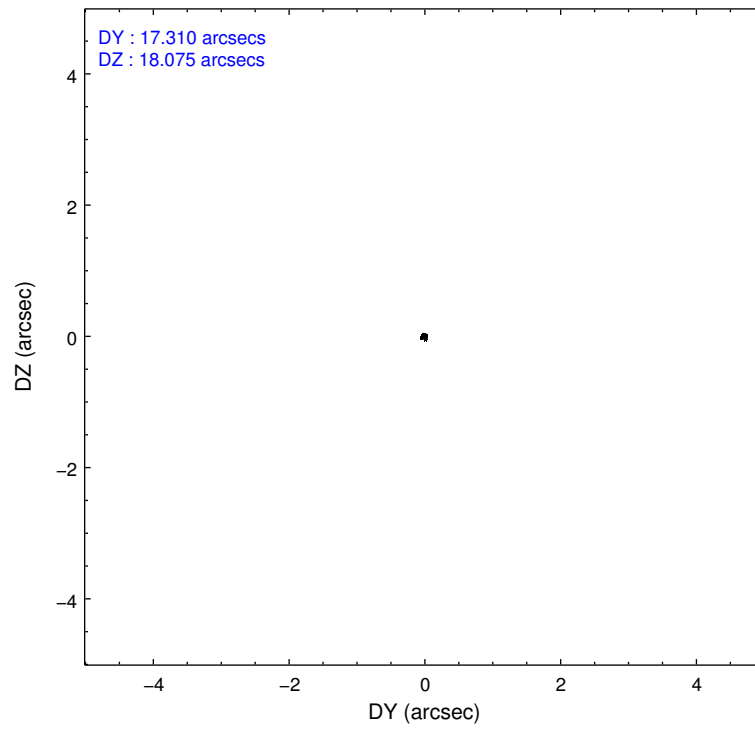
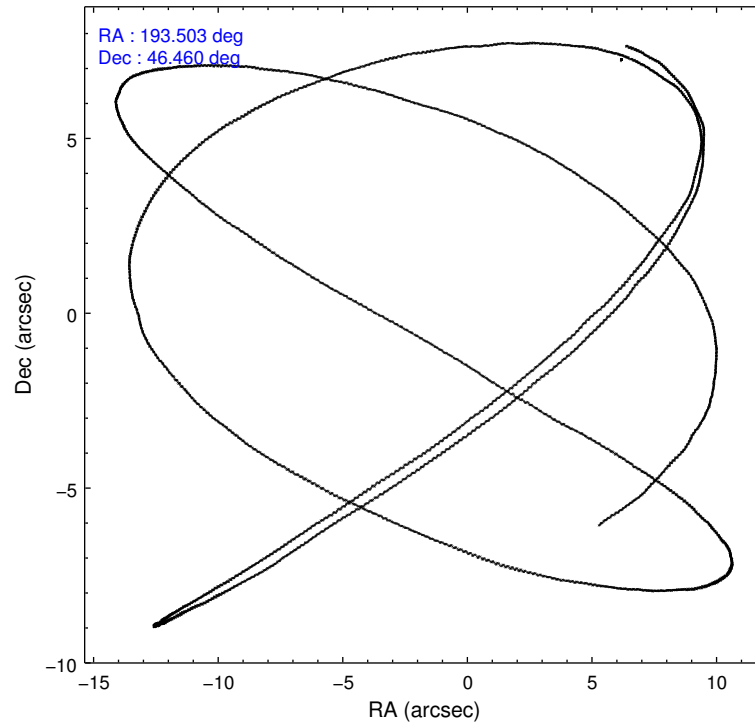
	ccd 7
level 1 events	2571
rejected events	1253
rejected %	48%

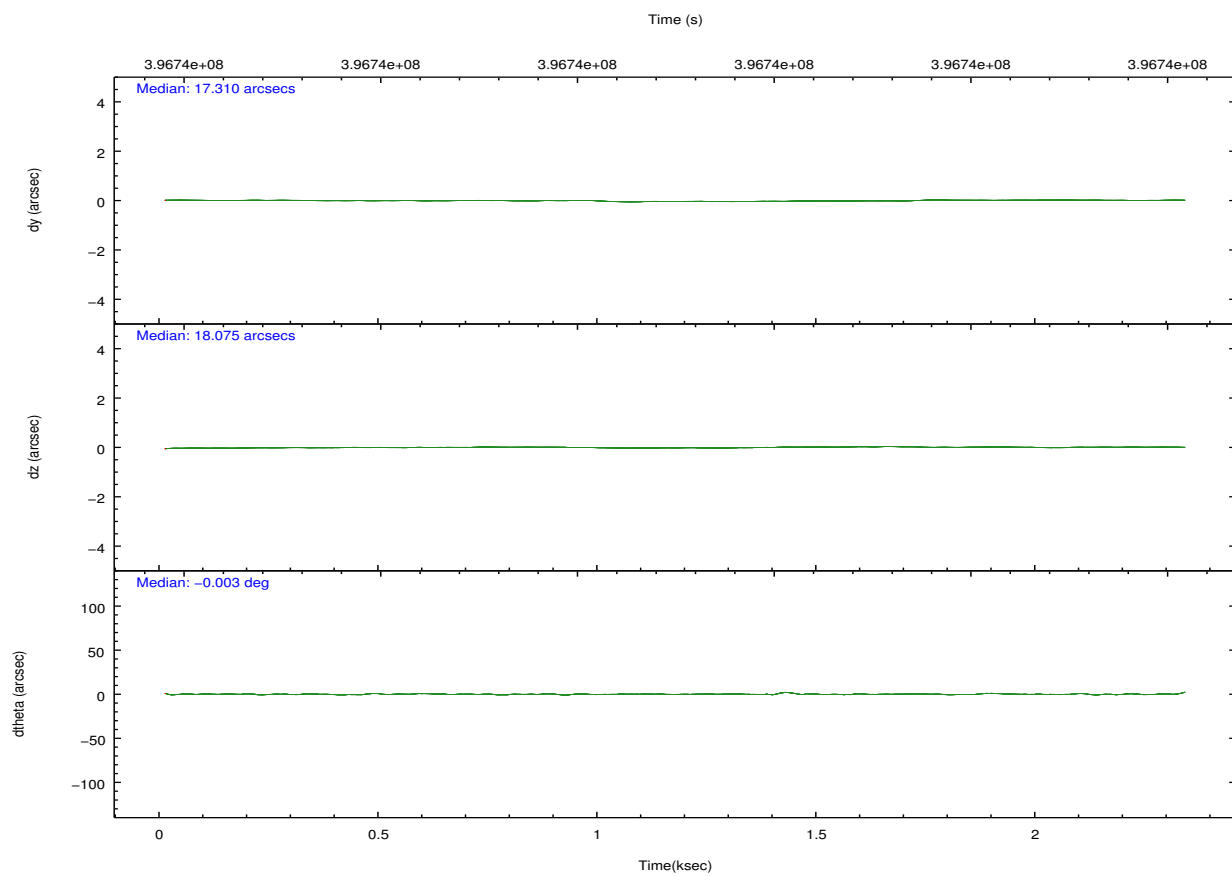
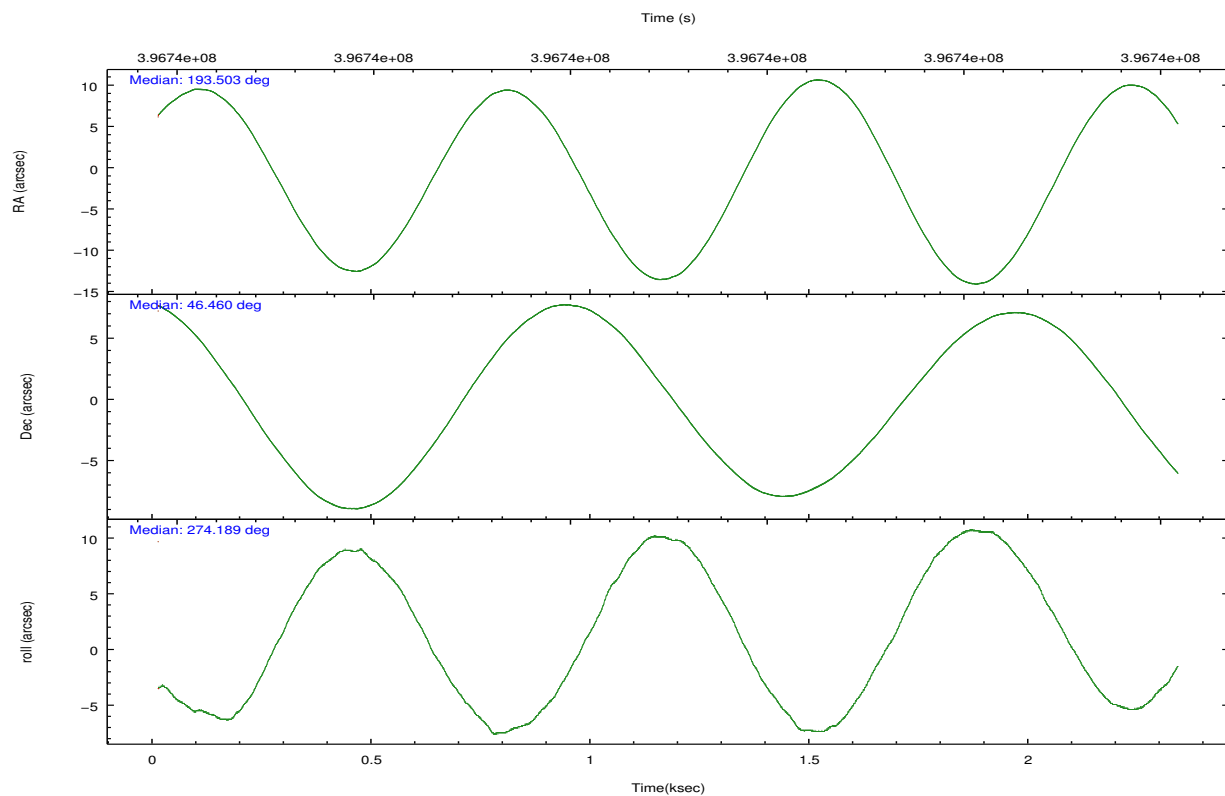
	ccd 7
grade 0 events	153
	5%
grade 1 events	6
	0%
grade 2 events	256
	9%
grade 3 events	189
	7%
grade 4 events	162
	6%
grade 5 events	285
	11%
grade 6 events	558
	21%
grade 7 events	962
	37%

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	193.479694	193.5027093724368	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	46.482389	46.46005075981675	Subarray start row	449	449
[deg] Pointing Roll	274.053863	274.1937777618922	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)	396738424.184000	396737817.51664			
Observation start date	2010-07-28T21:05:58	2010-07-28T20:56:57			
[s] Observation end time (MET)	396740424.184000	396741476.76683			
Observation end date	2010-07-28T21:39:18	2010-07-28T21:57:56			
Read mode	TIMED	TIMED			

2.3 Aspect



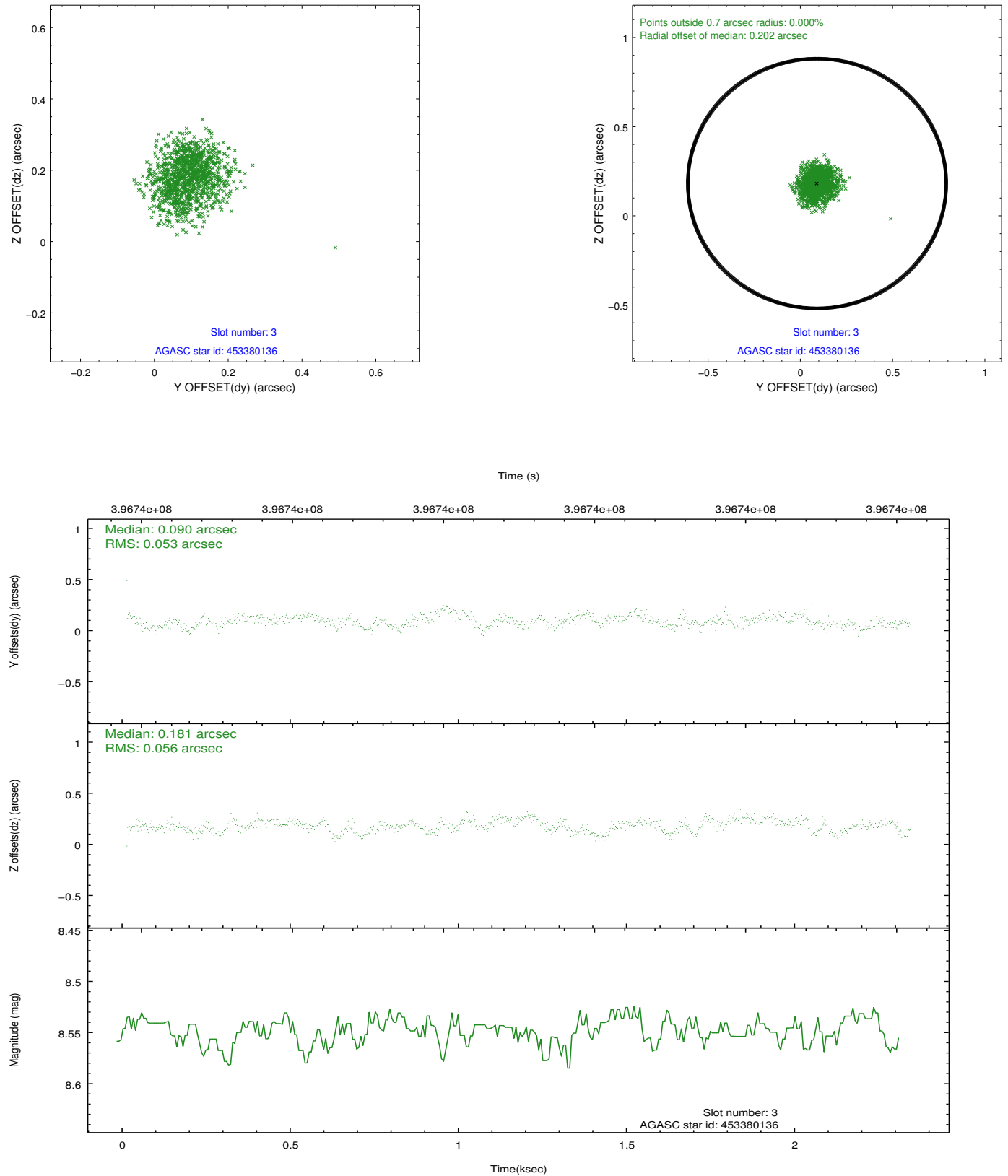


Slot Statistics

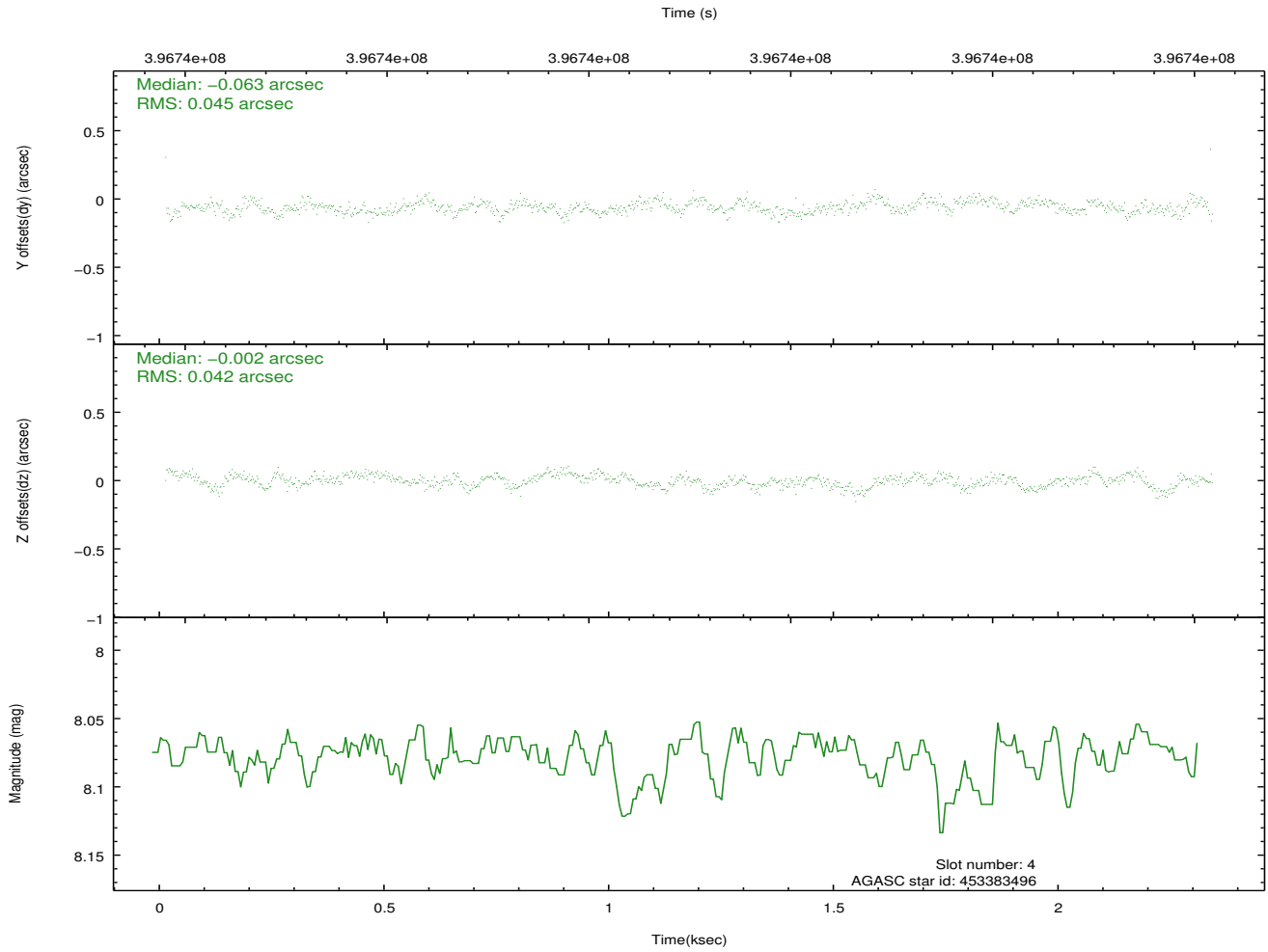
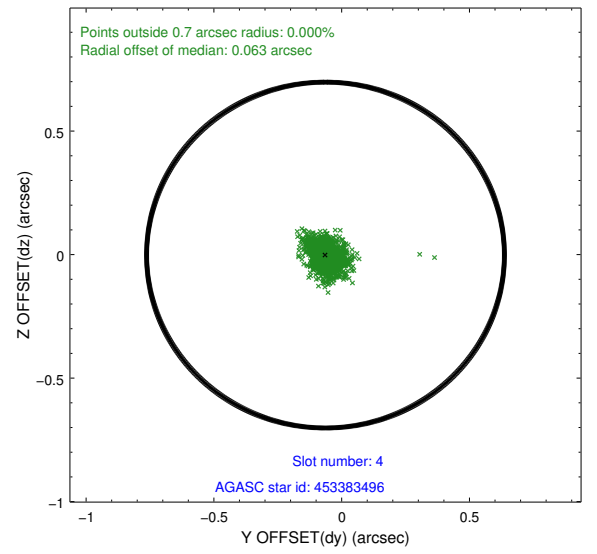
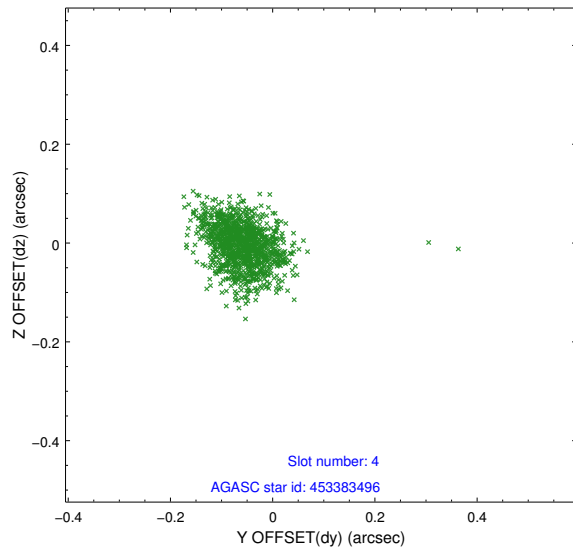
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.87	569	-0.044	-0.031	0.006	0.010	0.000000	0.000000	-770.42	-1739.50
1	FID	ACIS-S-4	6.95	569	0.148	0.030	0.006	0.011	0.000000	0.000000	2141.81	166.09
2	FID	ACIS-S-5	6.99	569	-0.135	0.010	0.006	0.010	0.000000	0.000000	-1819.75	163.00
3	GUIDE	453380136	8.55	1137	0.090	0.181	0.082	0.131	193.077264	46.777772	-1133.12	-916.18
4	GUIDE	453383496	8.08	1137	-0.063	-0.002	0.064	0.105	192.656228	46.066942	1335.72	-2157.70
5	GUIDE	453385400	7.37	1137	-0.093	-0.051	0.066	0.102	193.616926	46.777801	-1035.52	409.92
6	GUIDE	453388168	9.09	1136	0.146	0.043	0.080	0.141	193.255703	45.842540	2257.17	-722.93
7	GUIDE	453395216	5.98	1136	-0.090	-0.171	0.075	0.106	194.282480	46.176789	1231.67	1917.82

2.4 Star Slots

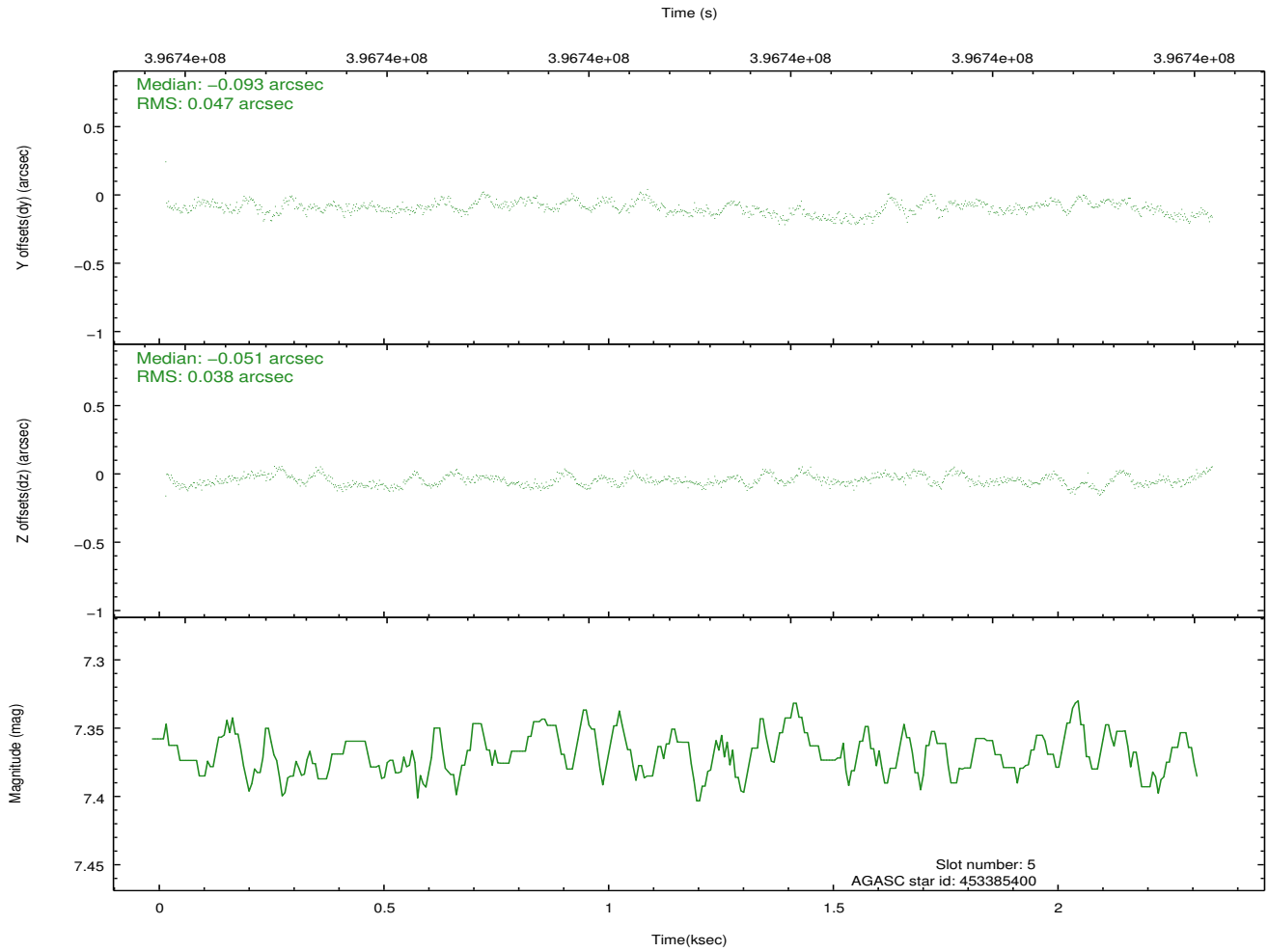
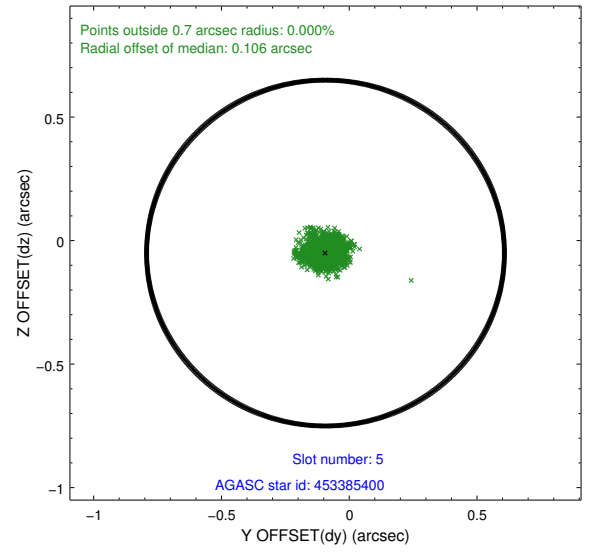
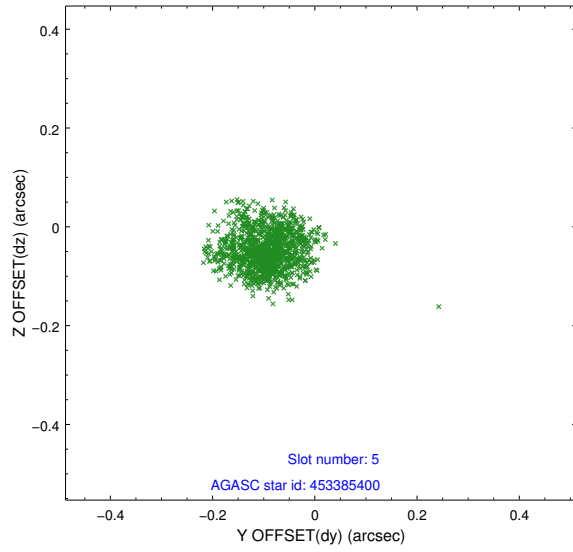
2.4.1 Slot 3



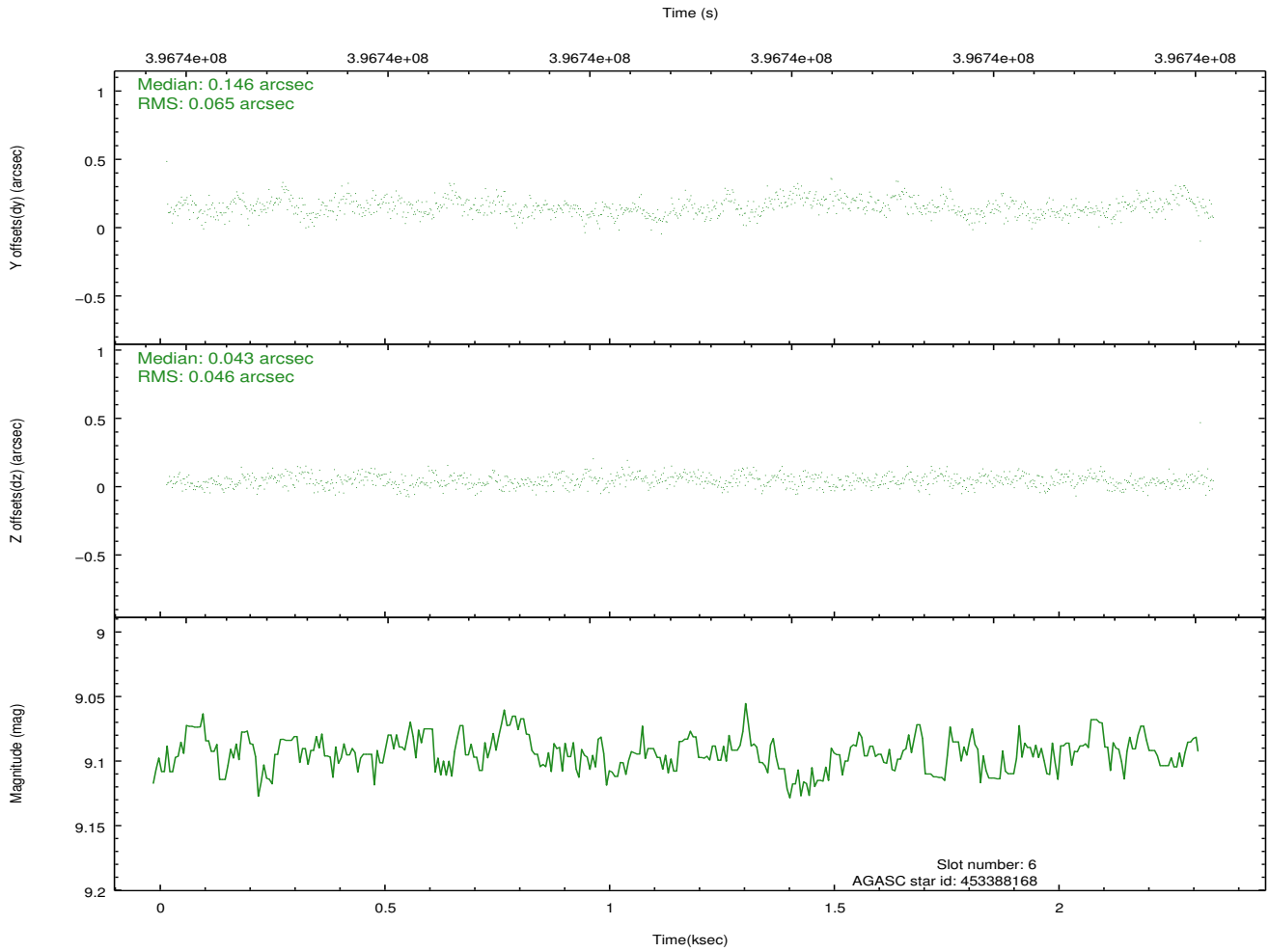
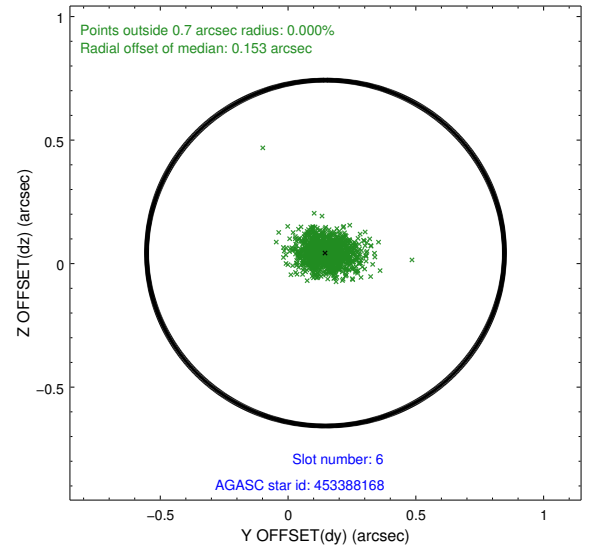
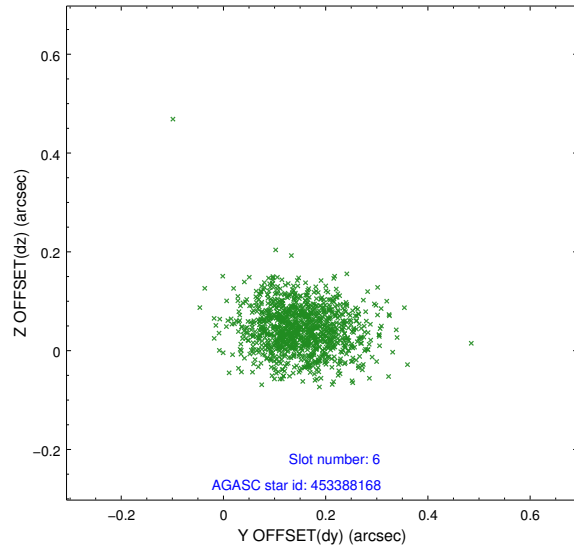
2.4.2 Slot 4



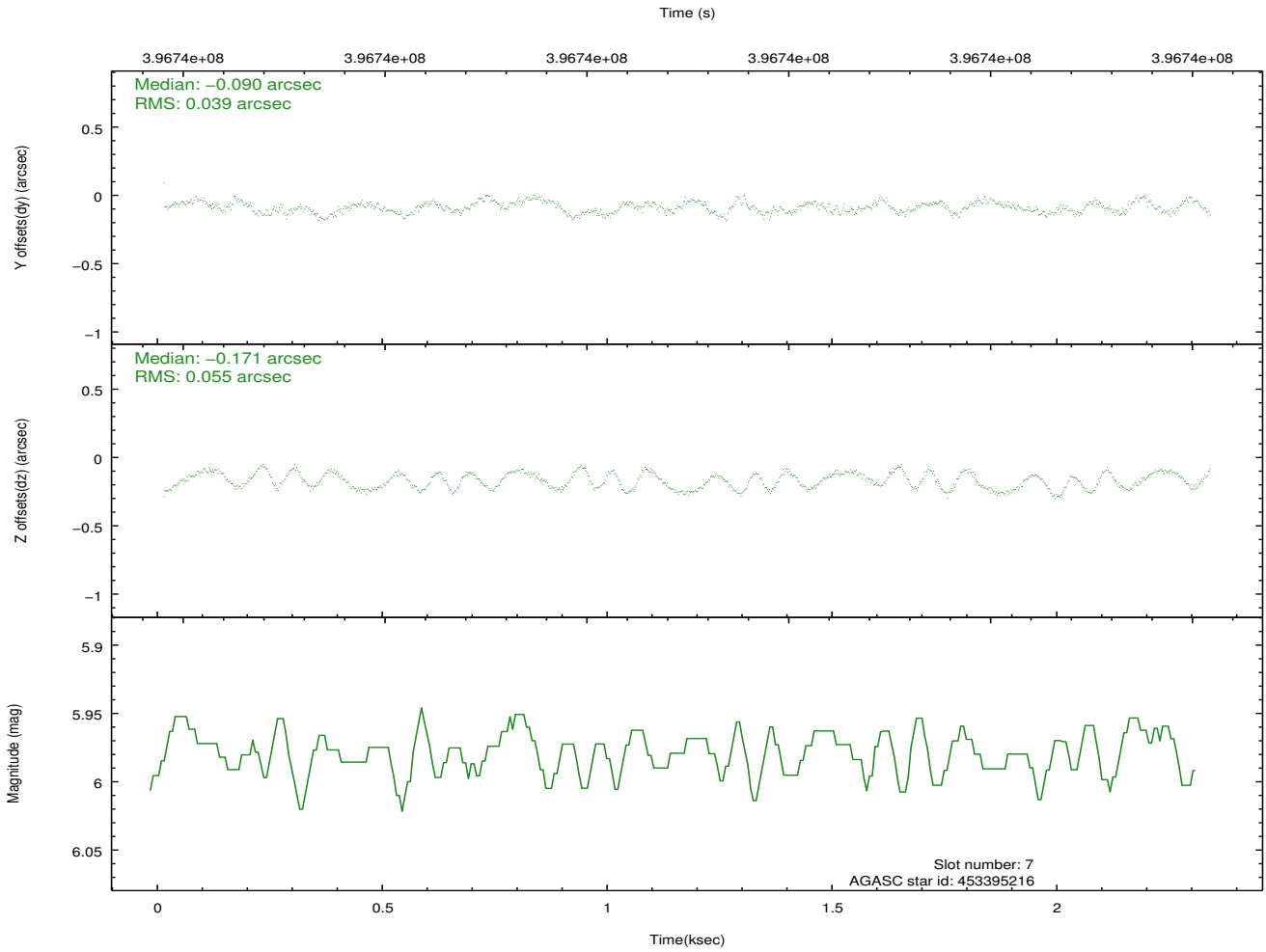
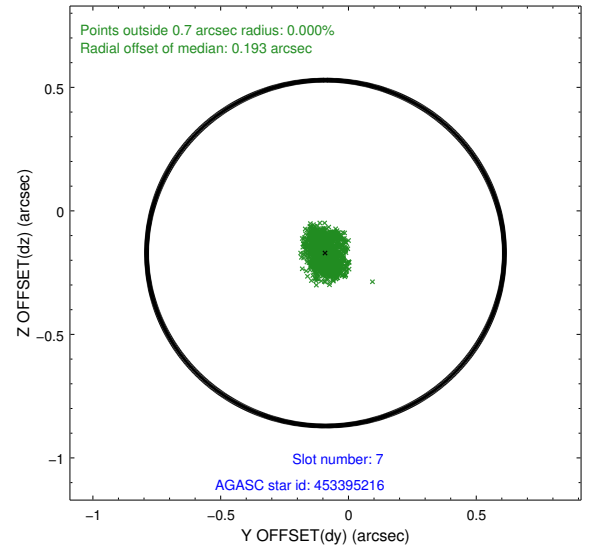
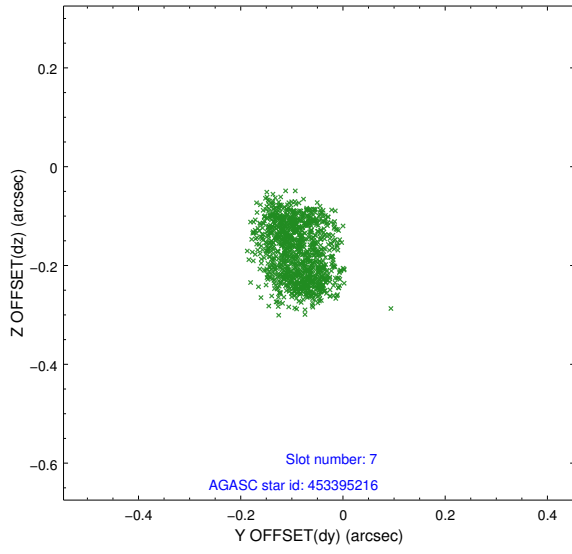
2.4.3 Slot 5



2.4.4 Slot 6

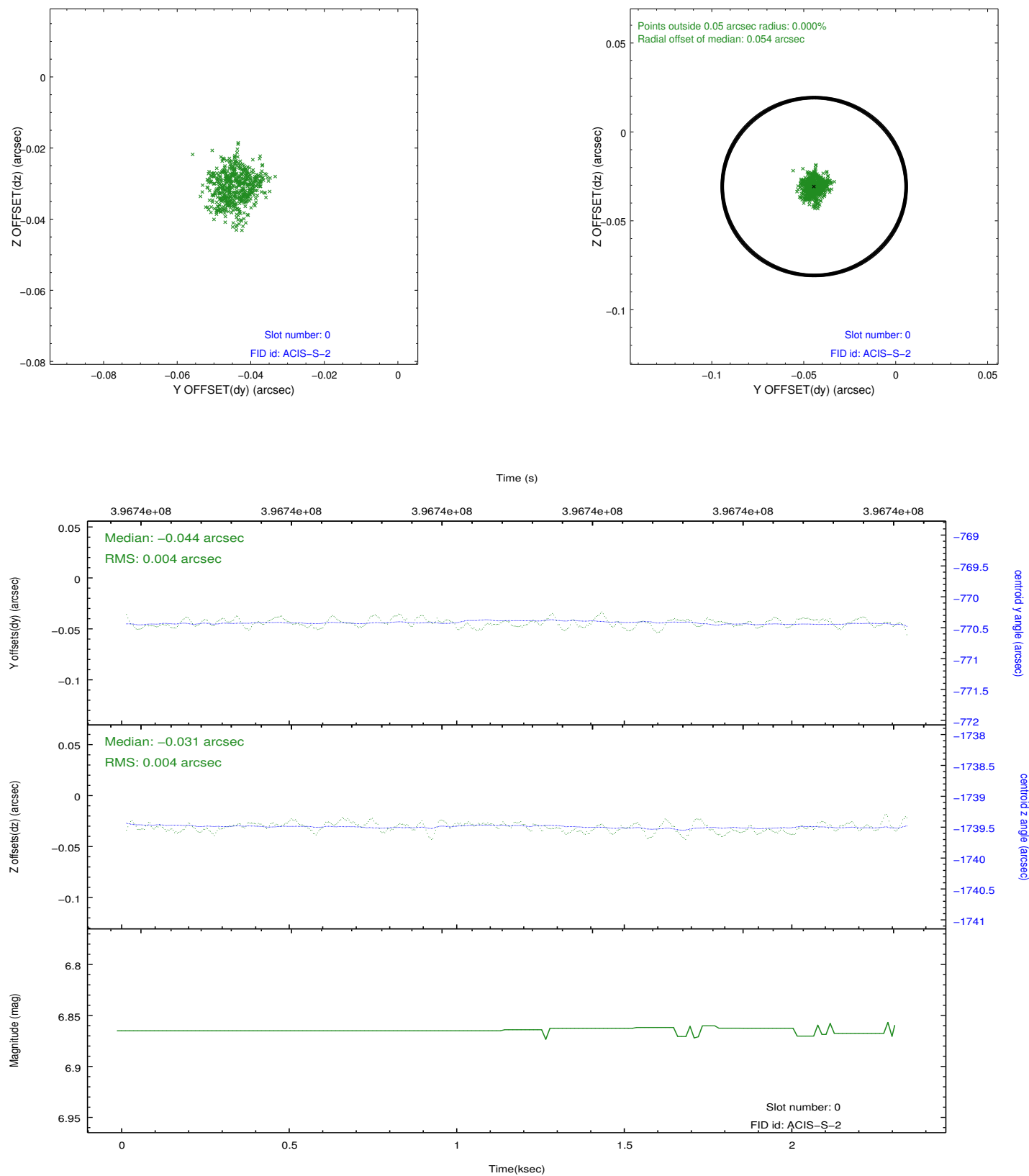


2.4.5 Slot 7

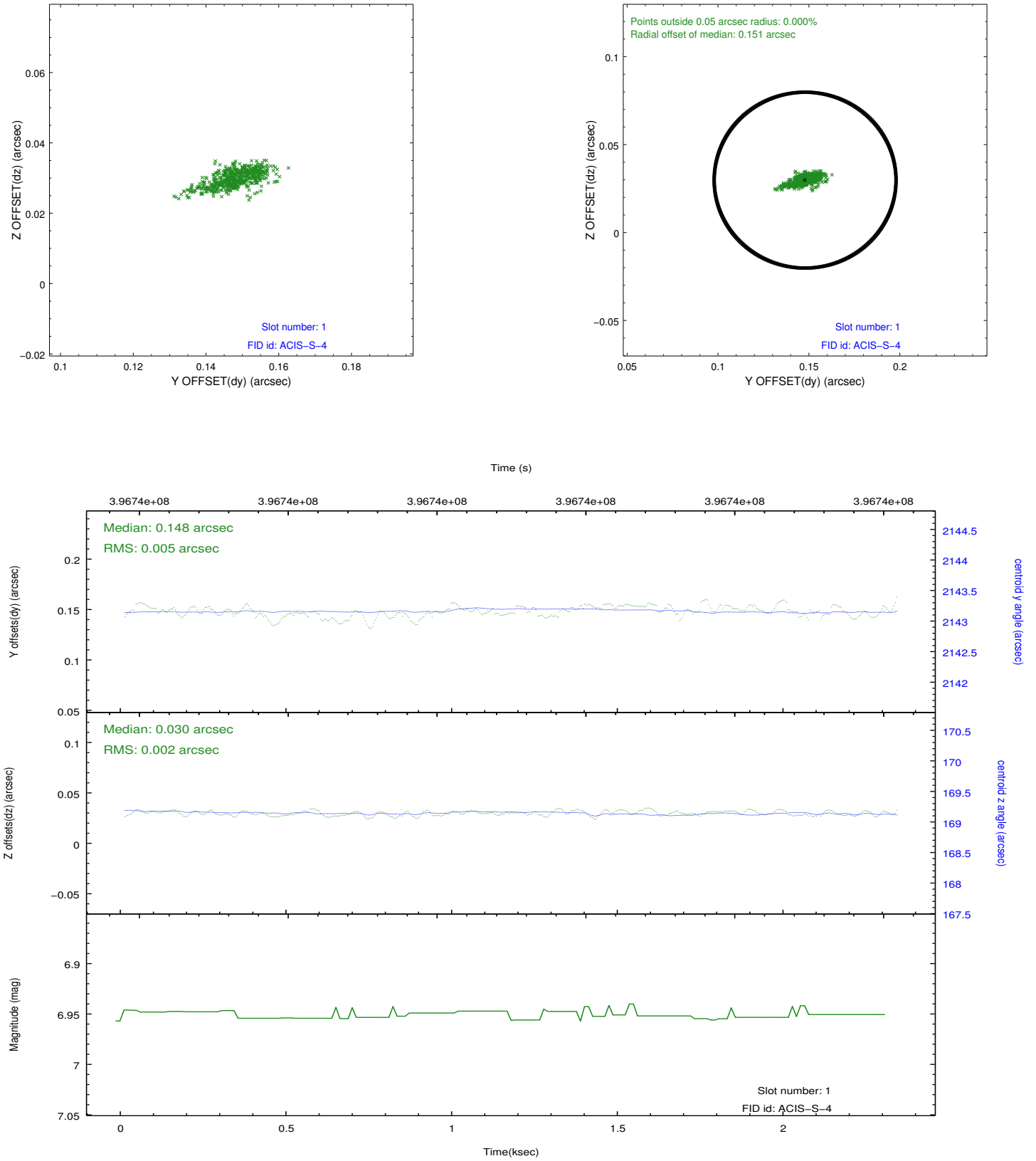


2.5 FID Slots

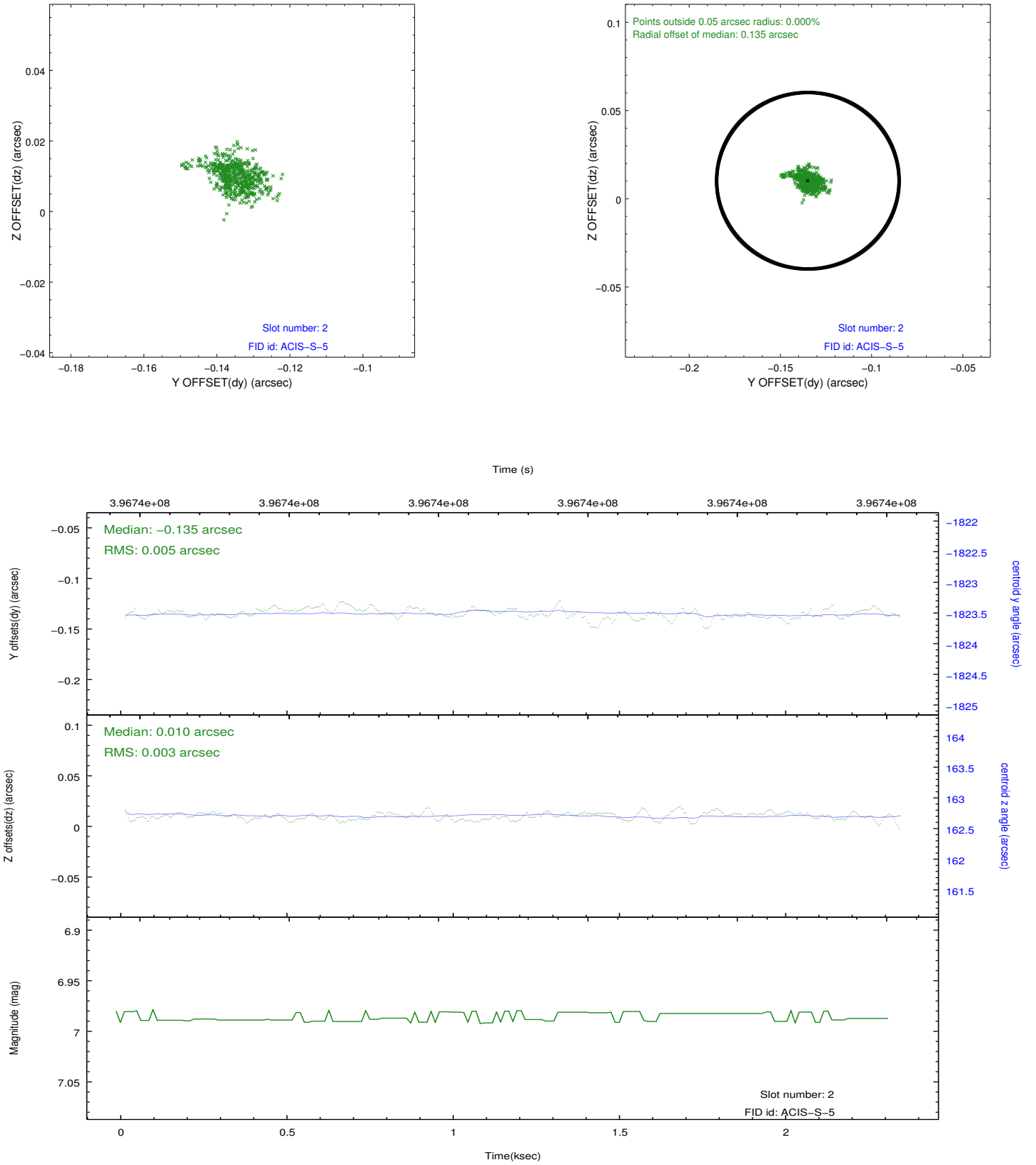
2.5.1 Slot 0



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)	2012.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0091329892874

A.2 Comments