

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11464 - L2 Version 2
Chandra X-Ray Center

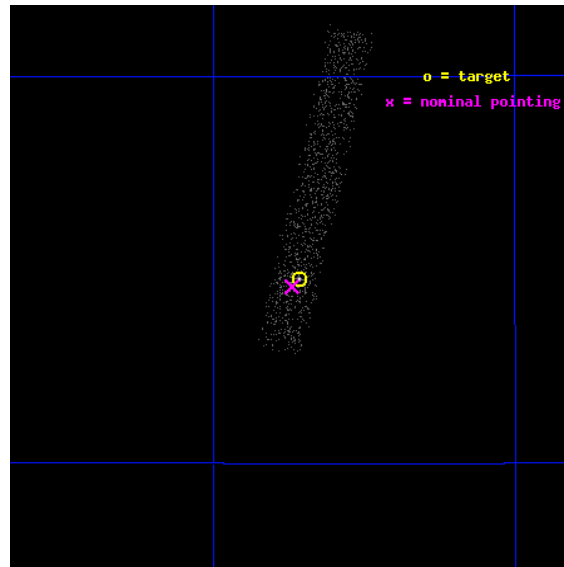
L2 Processing Date : Jun 30 2012

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1 Front

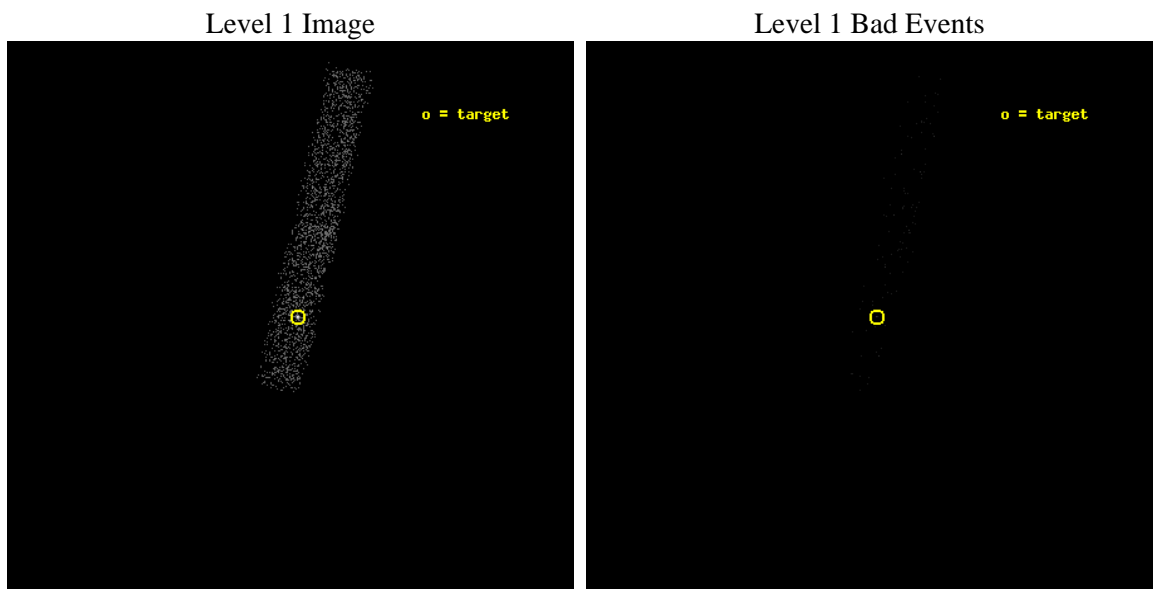
seq_num	702050	Sequence number
obs_id	11464	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J122342.81+581446.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	185.928333	Observer's specified target RA [deg]
dec_targ	58.246139	Observer's specified target Dec [deg]
ra_nom	185.93484605254	Nominal RA [deg]
dec_nom	58.242661134887	Nominal Dec [deg]
roll_nom	283.15107036135	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2009.5998802185	Sum of GTIs [s]
livetime	1822.6010159791	Livetime [s]
ontime7	2009.5998802185	Sum of GTIs [s]
l2events	1721	Number of level 2 events



2 OBI

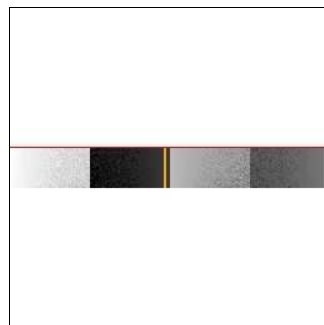
2.1 OBI

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	2009.5998802185	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2009.5998802185	Sum of GTIs [s]
date	2012-06-30T13:32:25	Date and time of file creation	l1events	3021	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

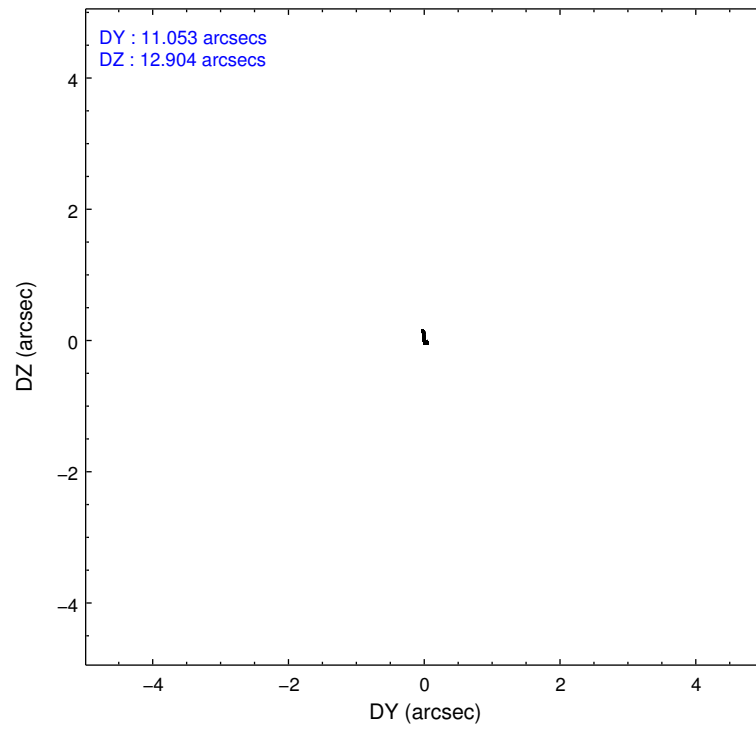
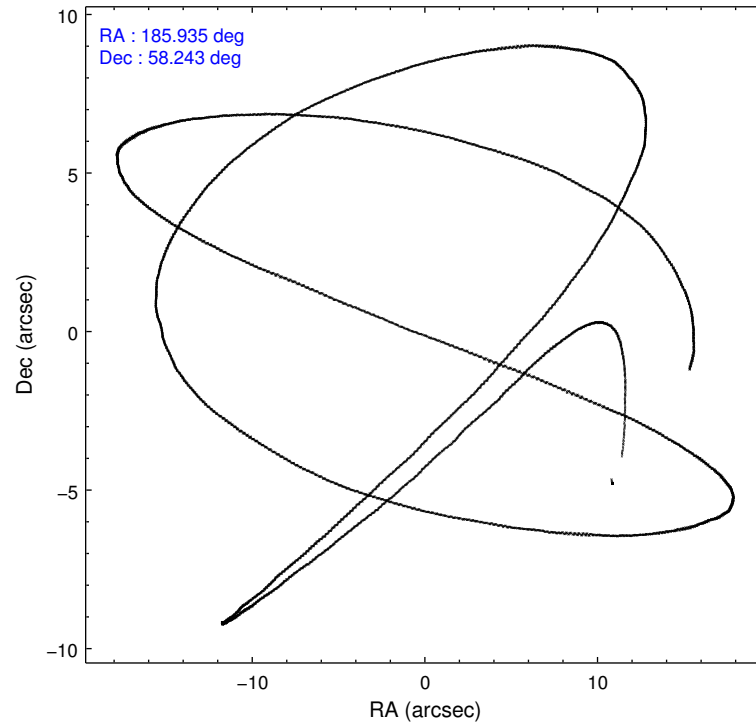
	ccd 7
level 1 events	3021
rejected events	1215
rejected %	40%

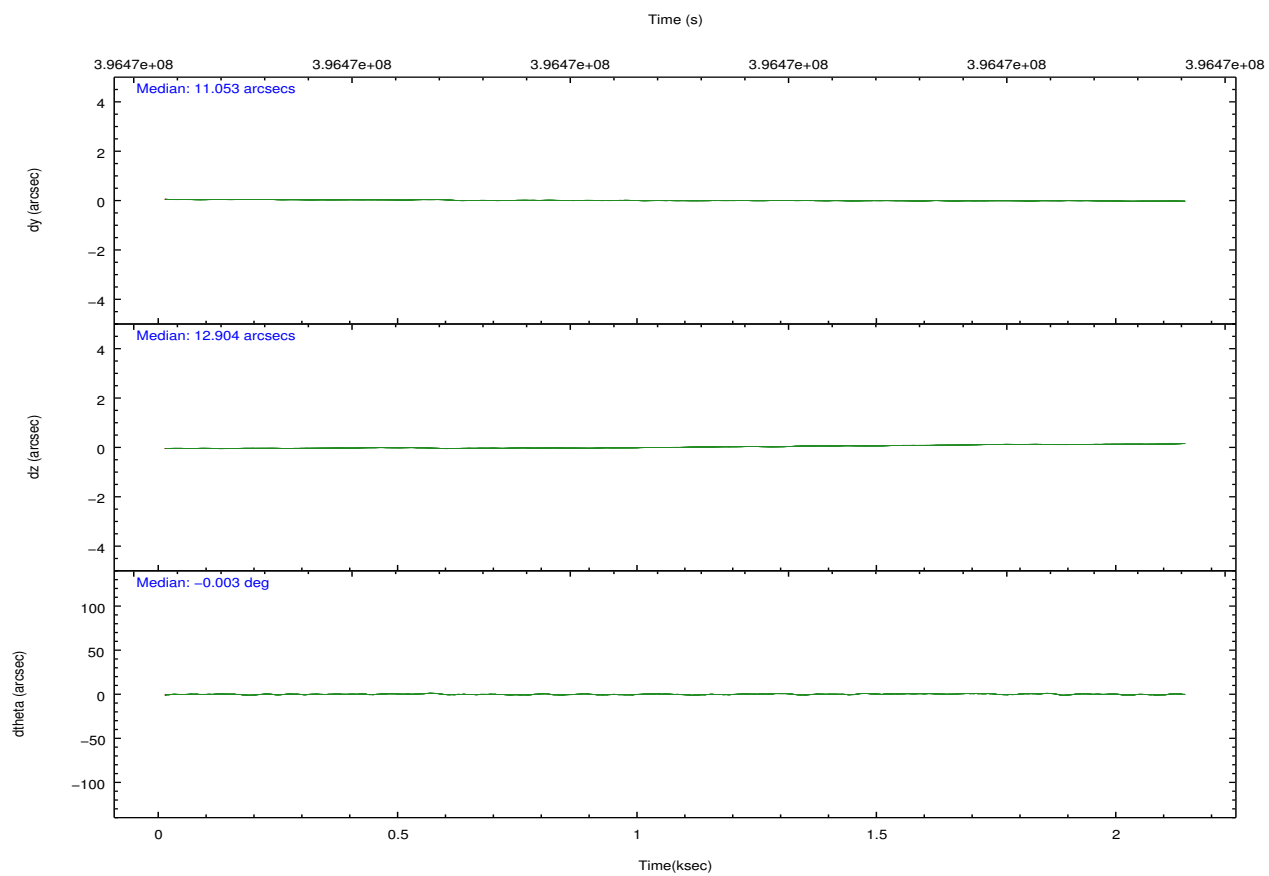
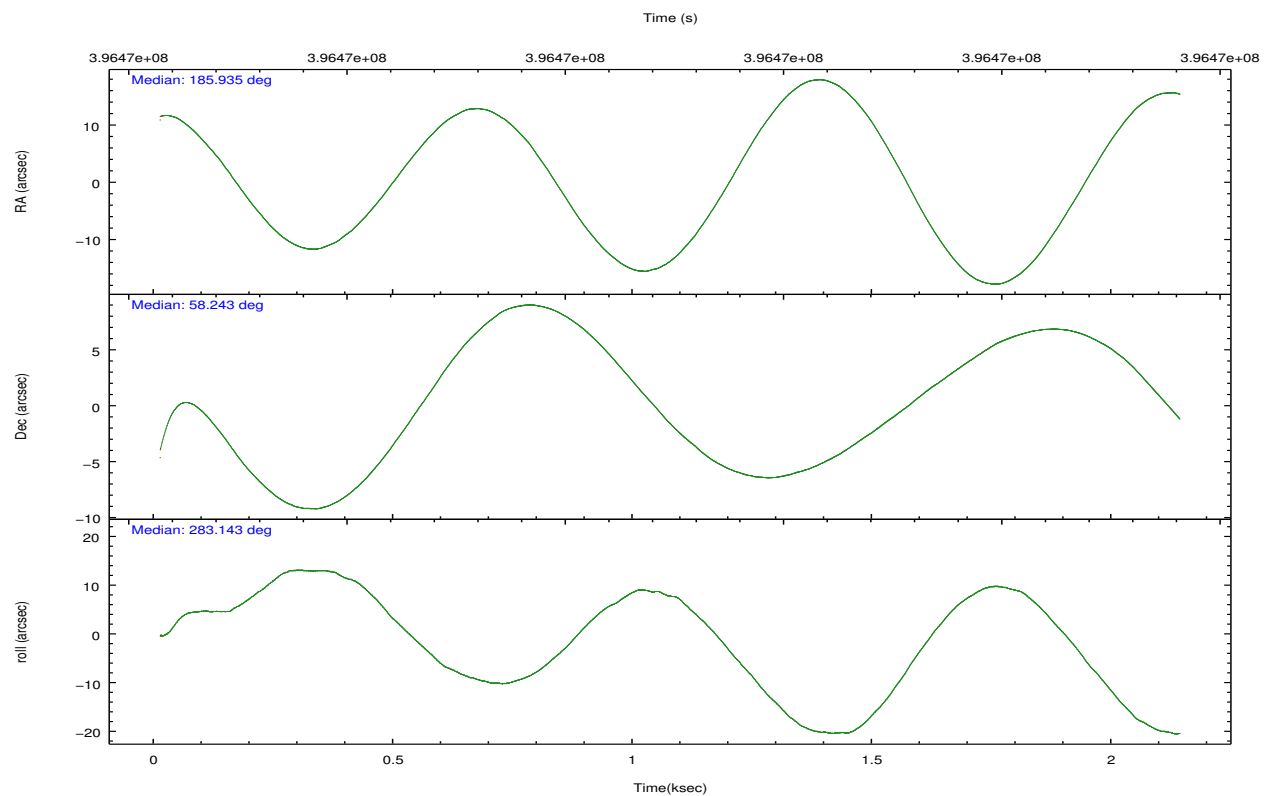
	ccd 7
grade 0 events	269
	8%
grade 1 events	4
	0%
grade 2 events	336
	11%
grade 3 events	236
	7%
grade 4 events	241
	7%
grade 5 events	246
	8%
grade 6 events	724
	23%
grade 7 events	965
	31%

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	185.898765	185.9348460525442	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	58.262379	58.24266113488716	Subarray start row	449	449
[deg] Pointing Roll	283.025150	283.1510703613482	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)	396467313.184000	396466044.39024			
Observation start date	2010-07-25T17:47:27	2010-07-25T17:27:24			
[s] Observation end time (MET)	396469313.184000	396470402.69046			
Observation end date	2010-07-25T18:20:47	2010-07-25T18:40:02			
Read mode	TIMED	TIMED			

2.3 Aspect



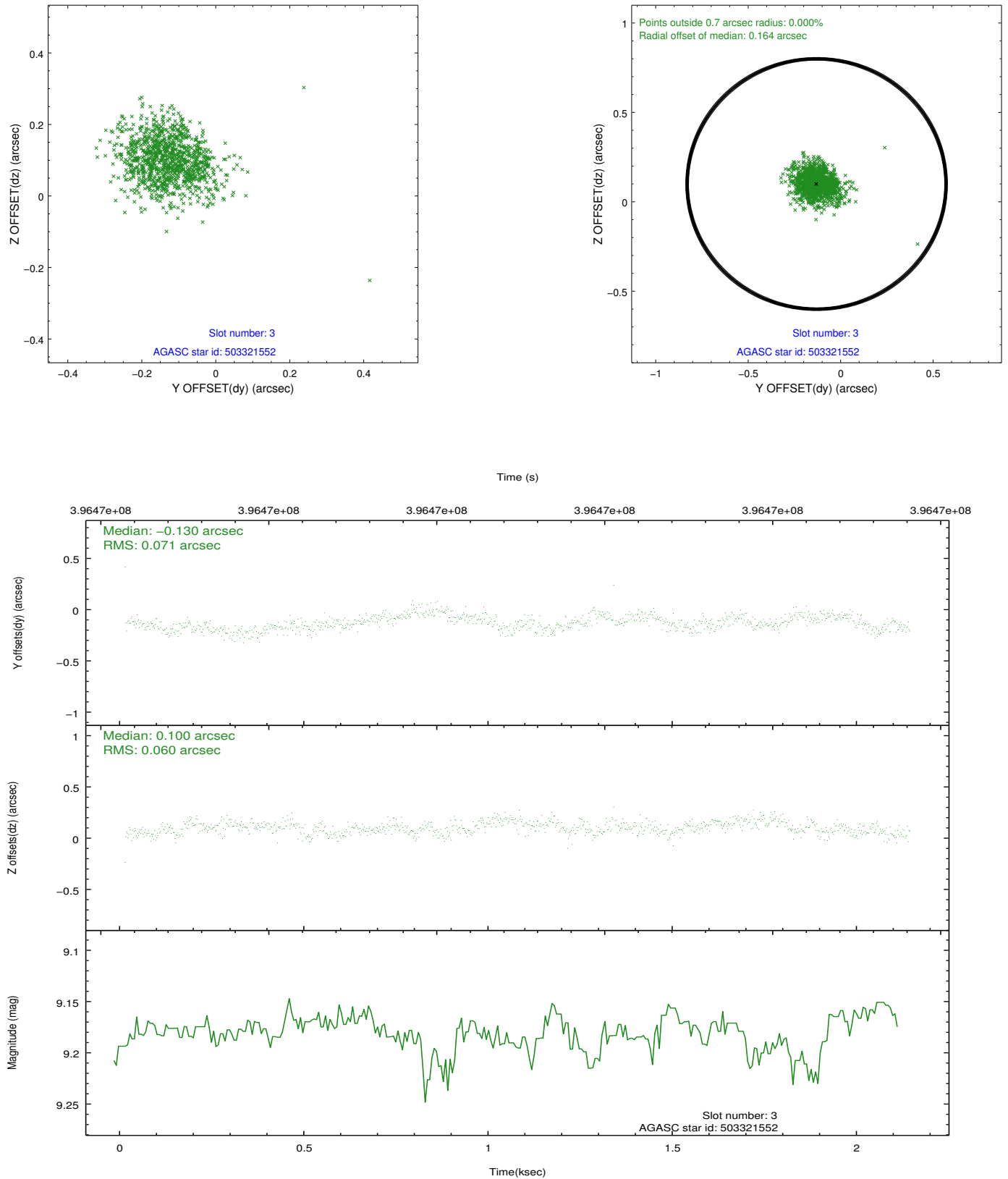


Slot Statistics

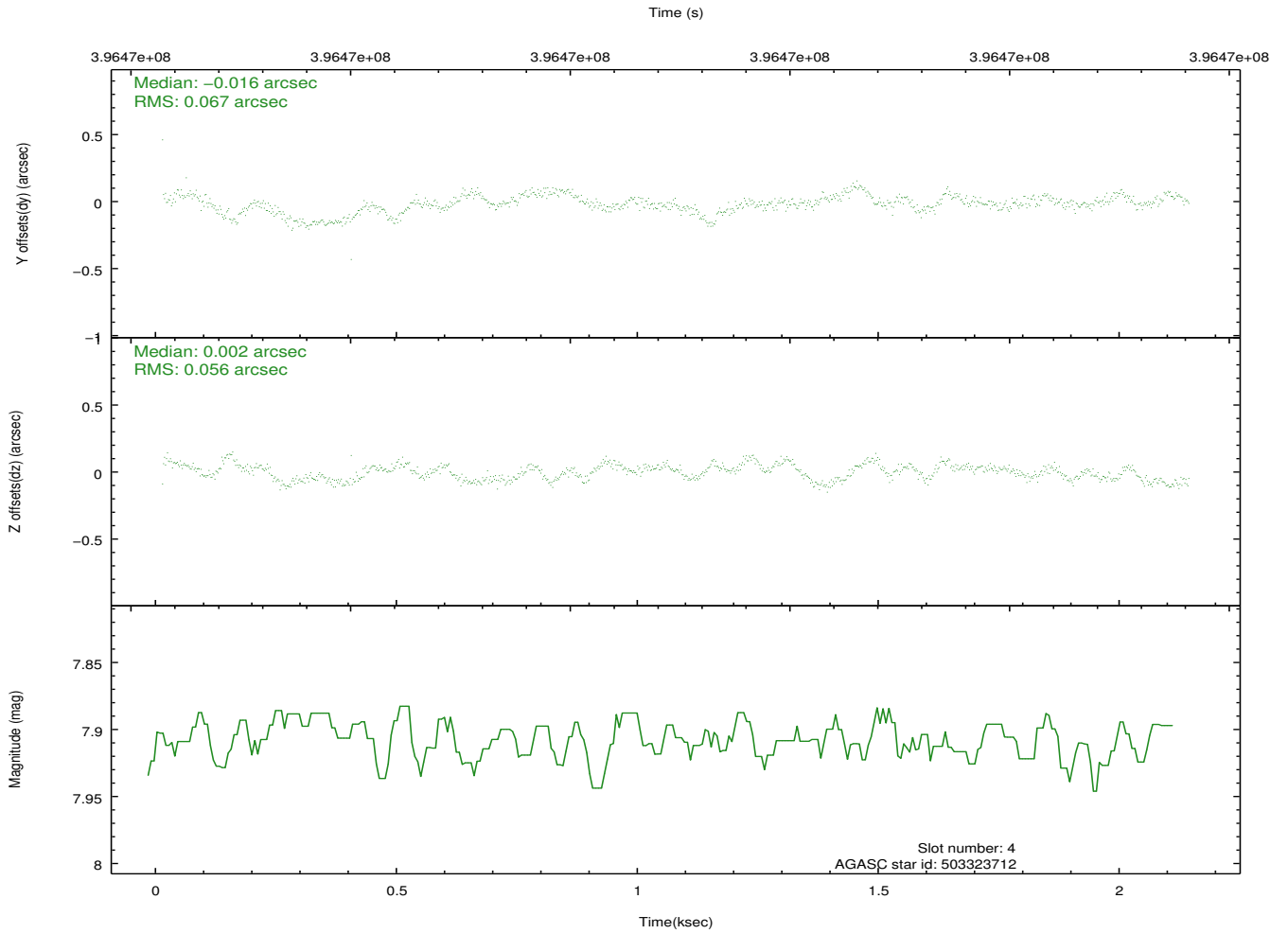
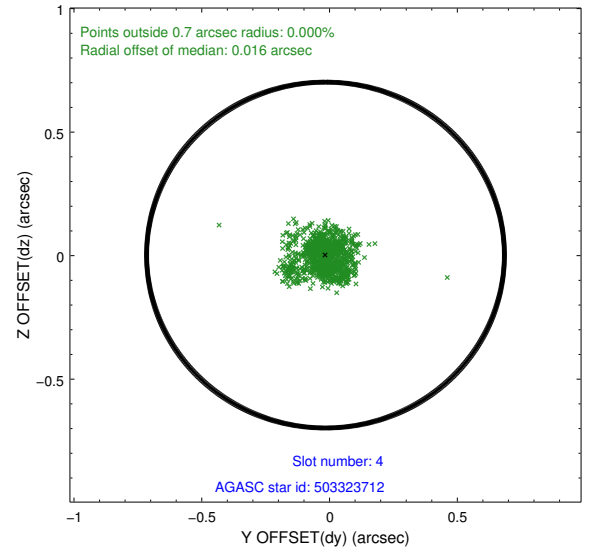
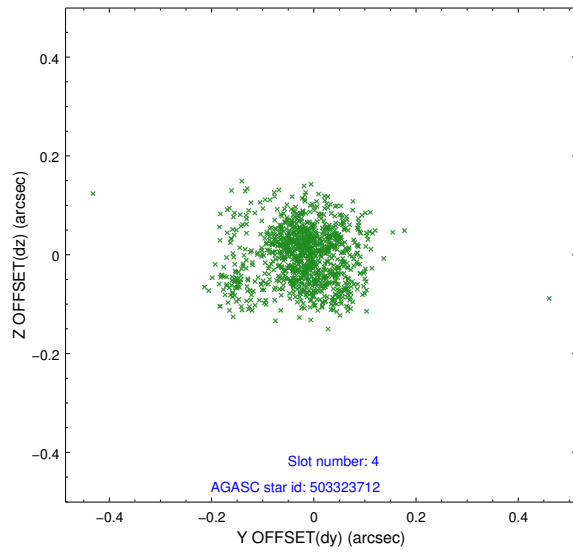
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	7.02	520	0.090	0.018	0.006	0.011	0.000000	0.000000	2149.52	174.38
1	FID	ACIS-S-5	7.06	520	-0.119	0.013	0.006	0.011	0.000000	0.000000	-1812.95	168.26
2	FID	ACIS-S-6	7.16	520	0.002	-0.017	0.007	0.012	0.000000	0.000000	394.39	811.91
3	GUIDE	503321552	9.18	1038	-0.130	0.100	0.096	0.158	185.200318	57.940897	820.51	-1559.46
4	GUIDE	503323712	7.91	1040	-0.016	0.002	0.087	0.155	185.994568	57.784168	1719.72	-210.21
5	GUIDE	503324728	9.59	1040	-0.003	-0.200	0.239	0.324	185.552208	58.082934	481.18	-788.29
6	GUIDE	503323048	9.46	1040	0.025	-0.100	0.132	0.207	184.921296	57.549670	2062.18	-2415.46
7	GUIDE	503323856	10.23	1038	0.147	0.199	0.207	0.340	186.359548	57.685182	2223.35	394.36

2.4 Star Slots

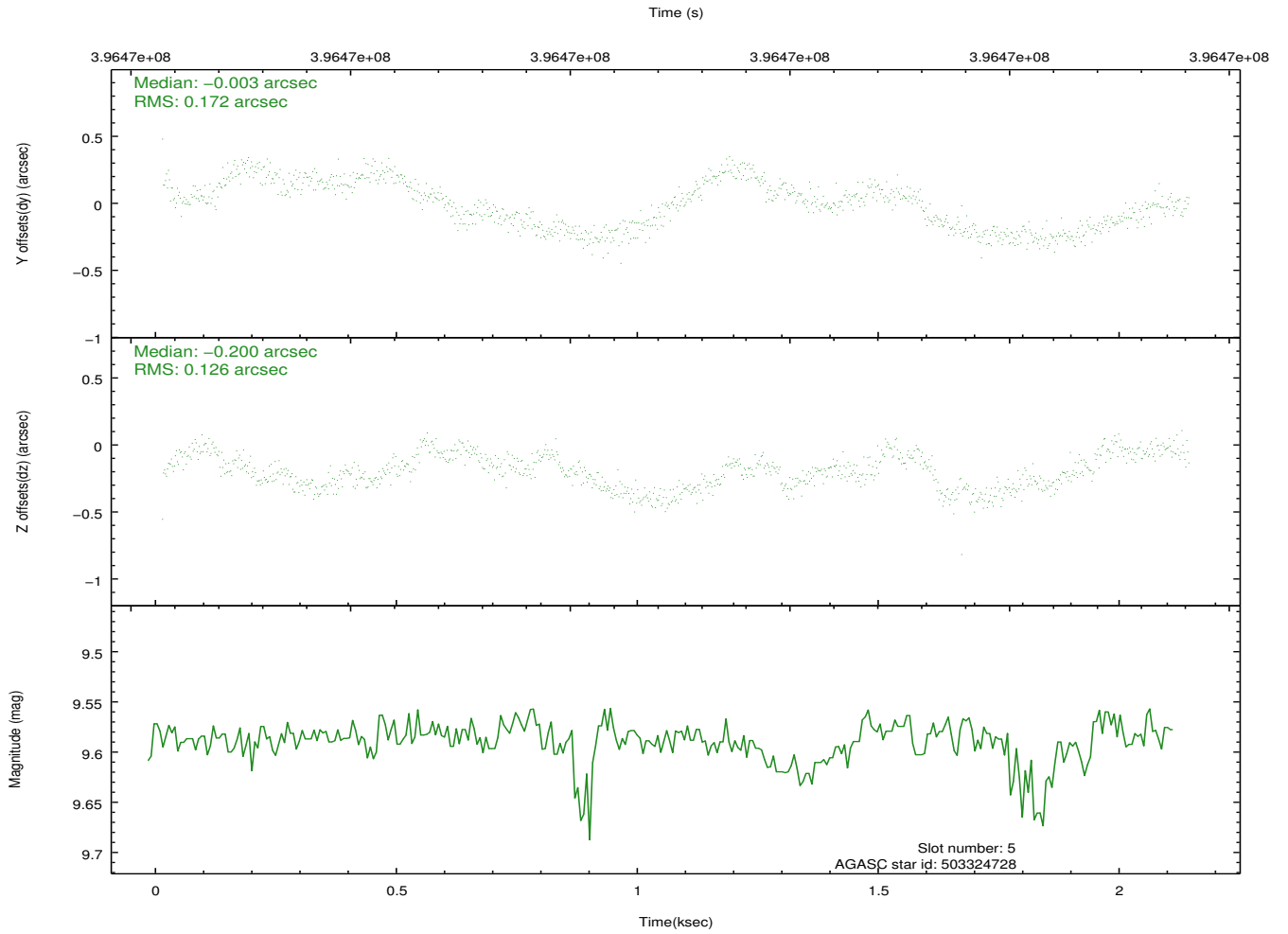
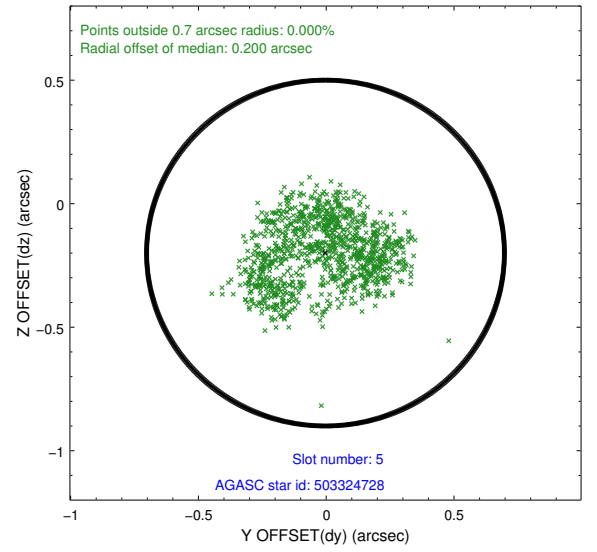
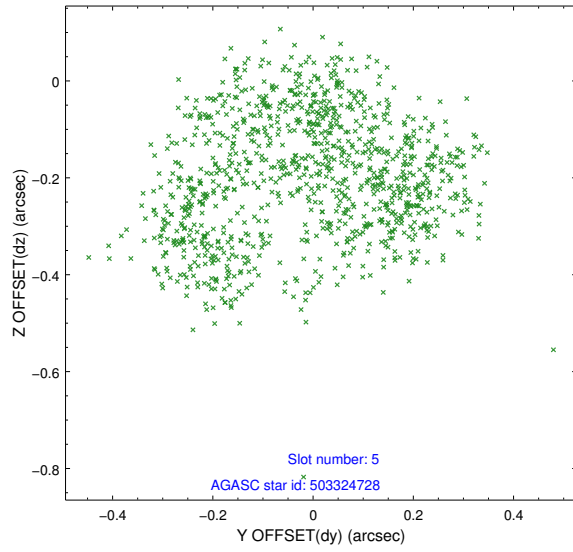
2.4.1 Slot 3



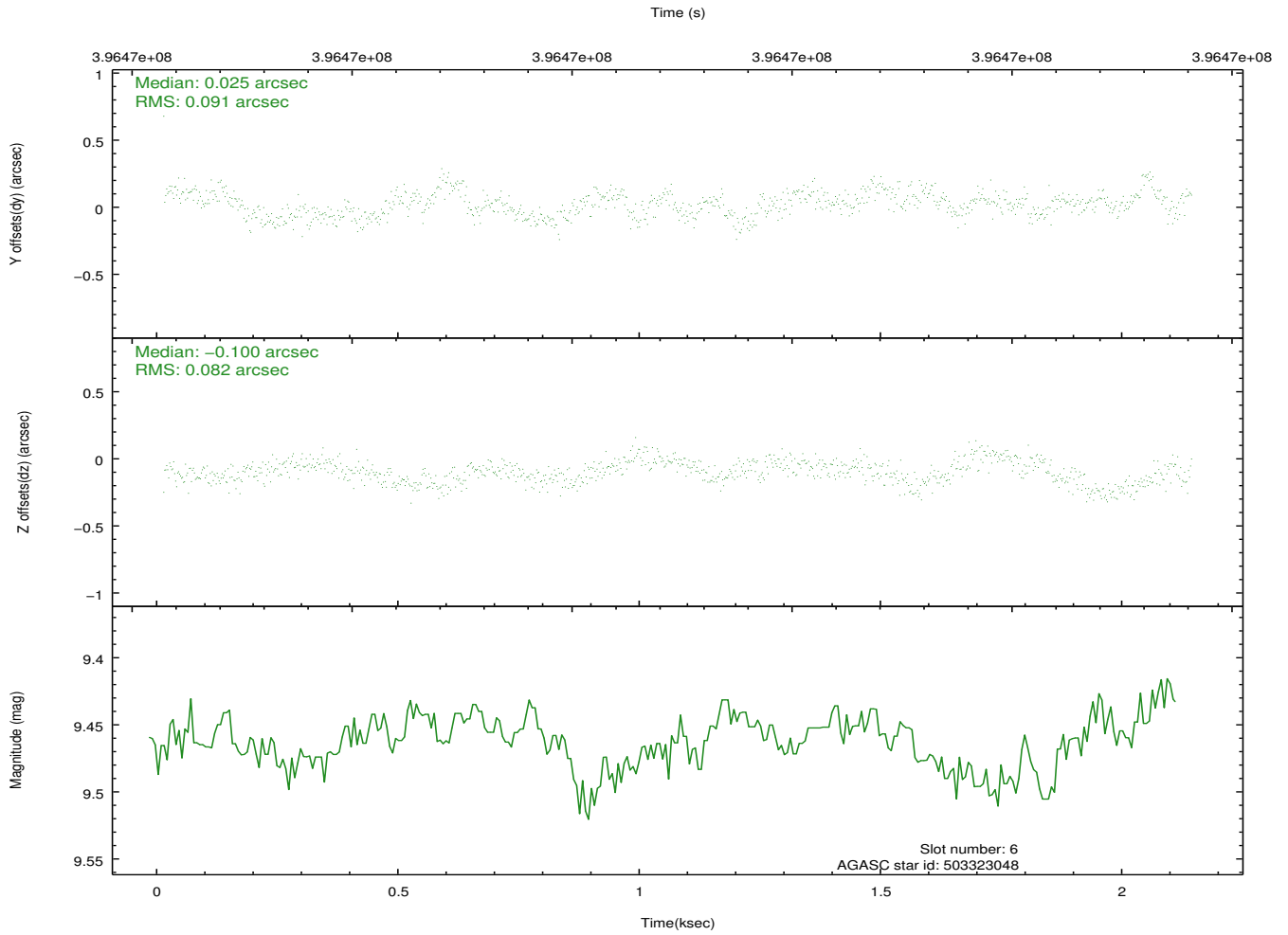
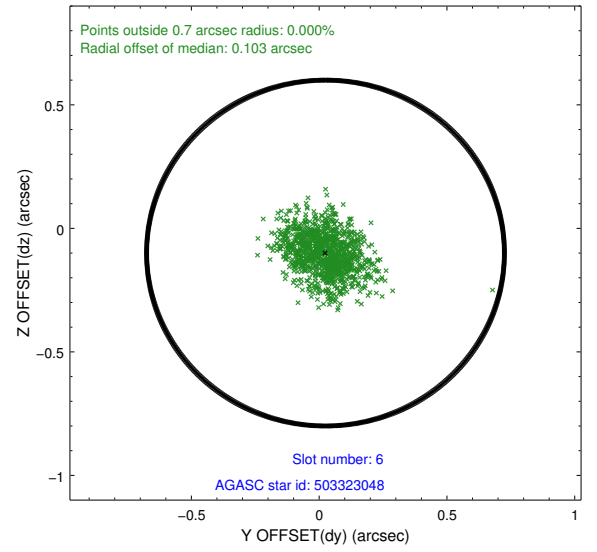
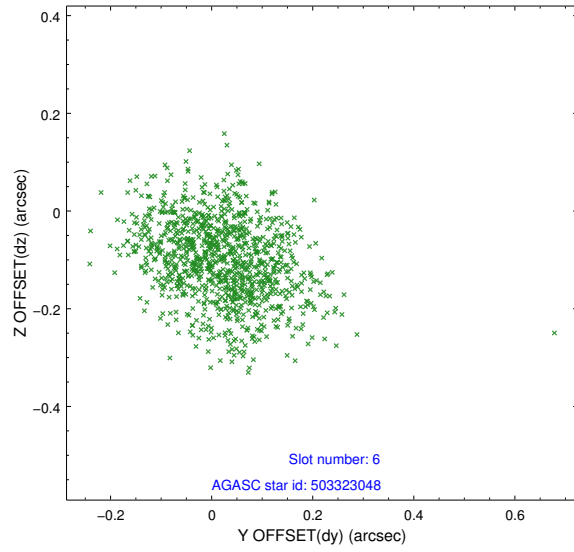
2.4.2 Slot 4



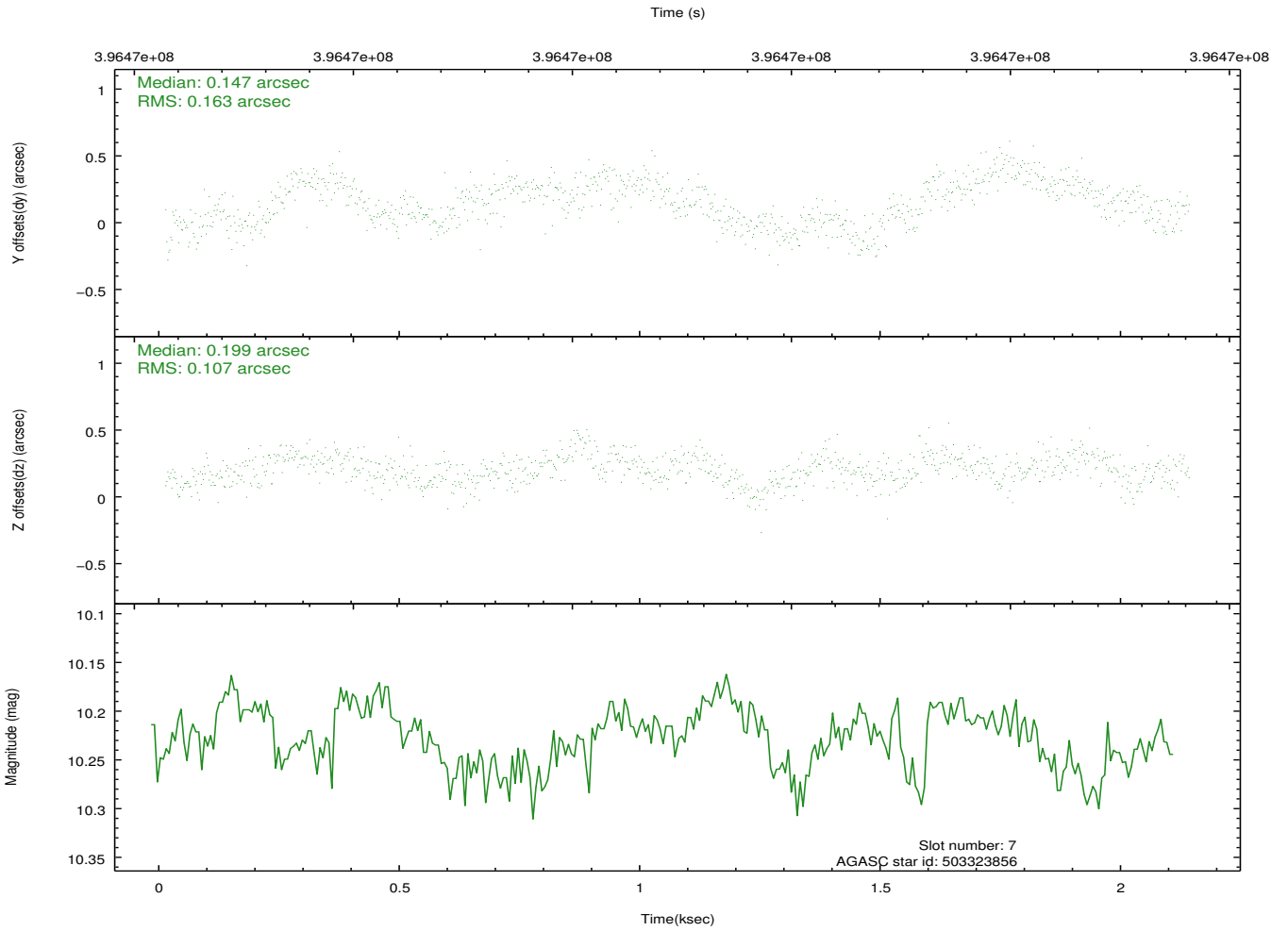
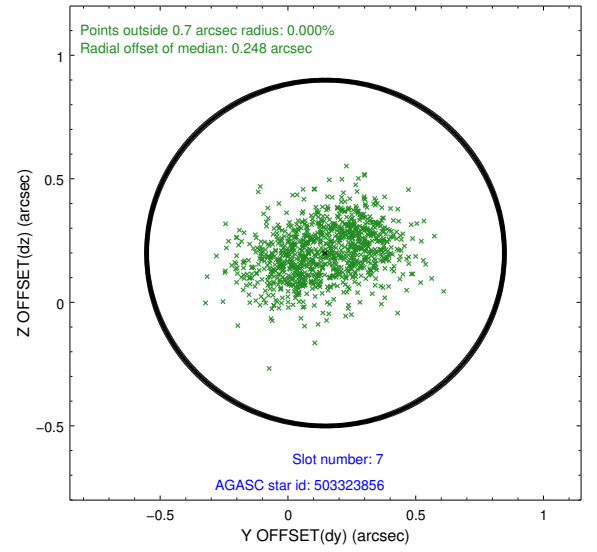
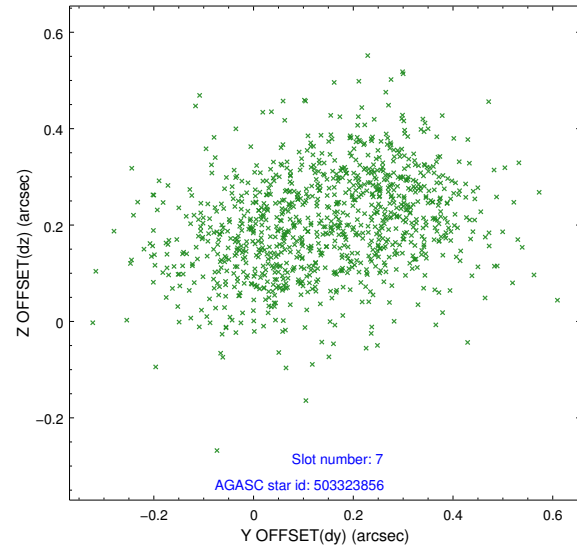
2.4.3 Slot 5



2.4.4 Slot 6

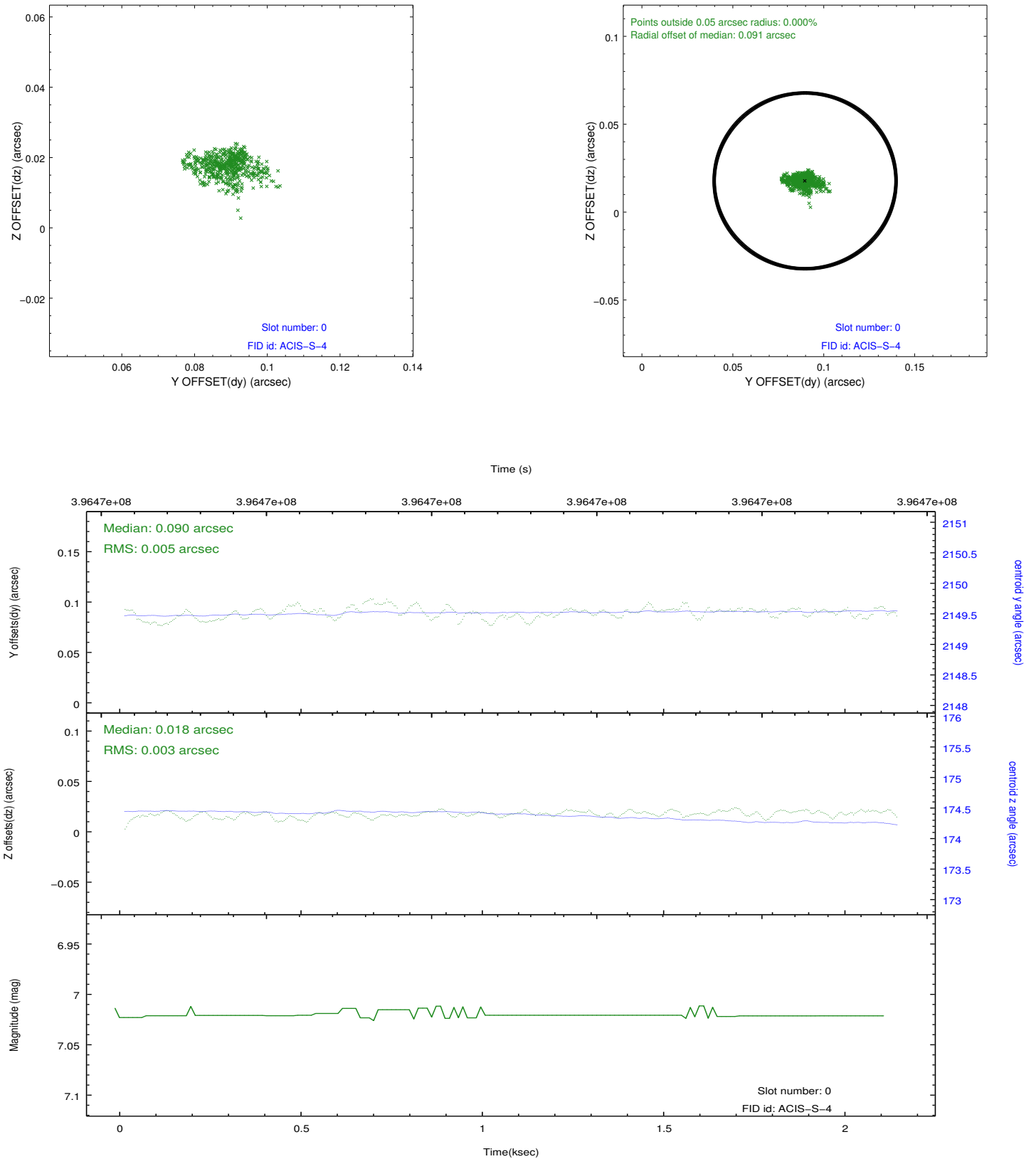


2.4.5 Slot 7

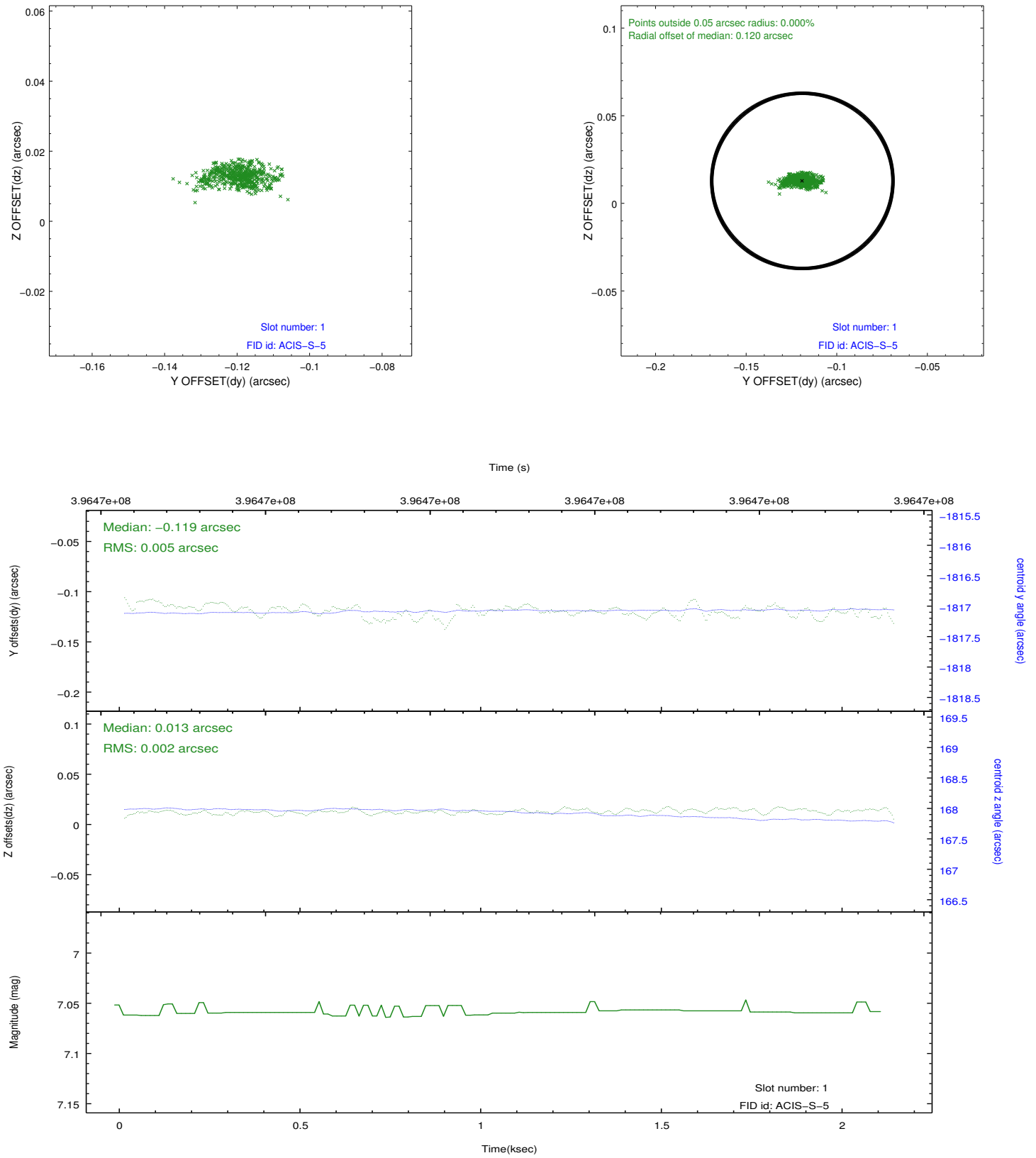


2.5 FID Slots

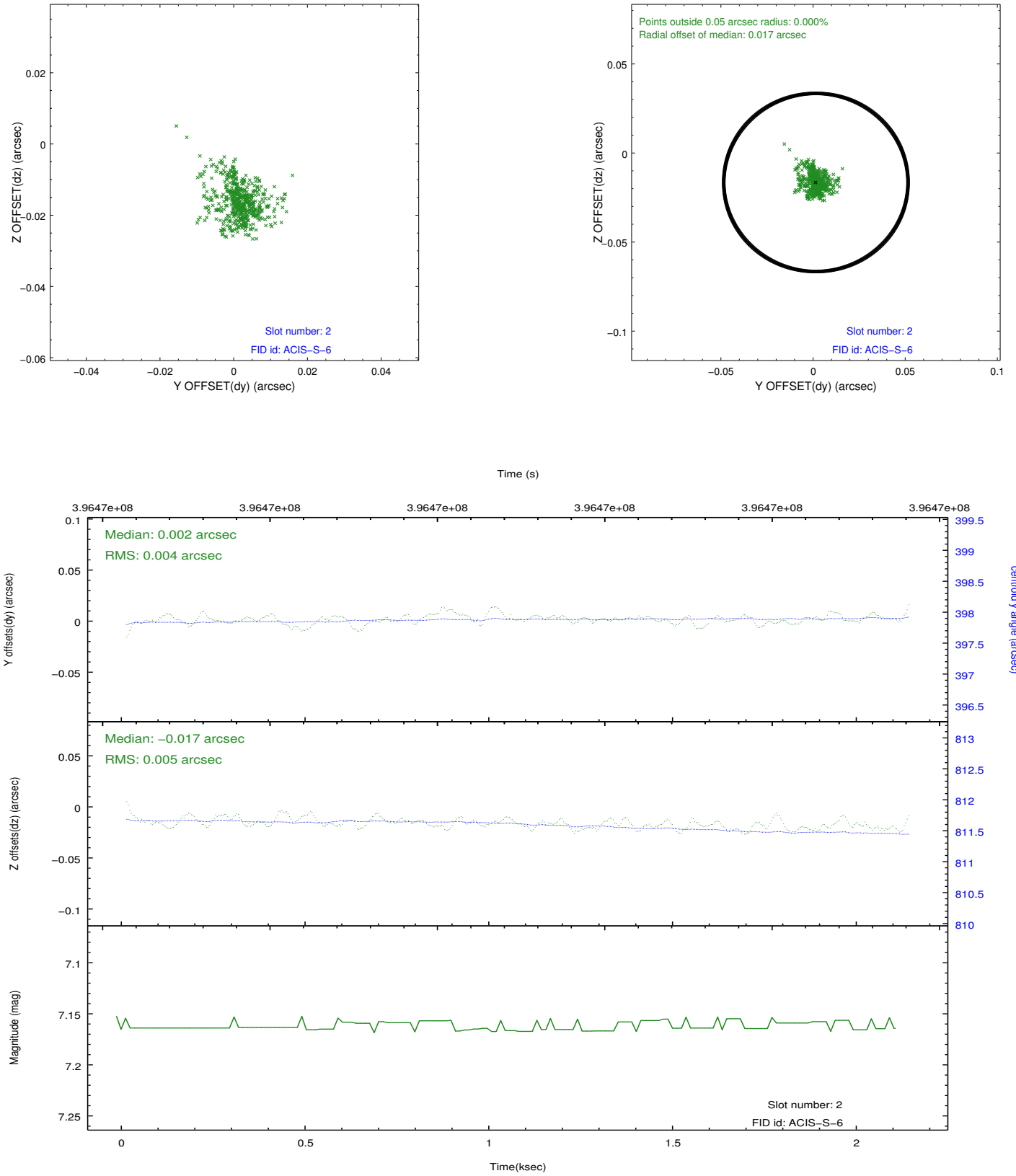
2.5.1 Slot 0



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)	2012.07.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0095998802185

A.2 Comments