

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11459 - L2 Version 2
Chandra X-Ray Center

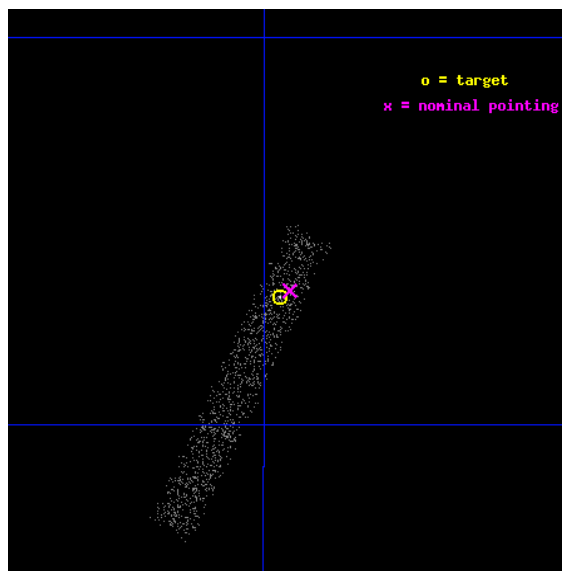
L2 Processing Date : Jun 20 2012

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1 Front

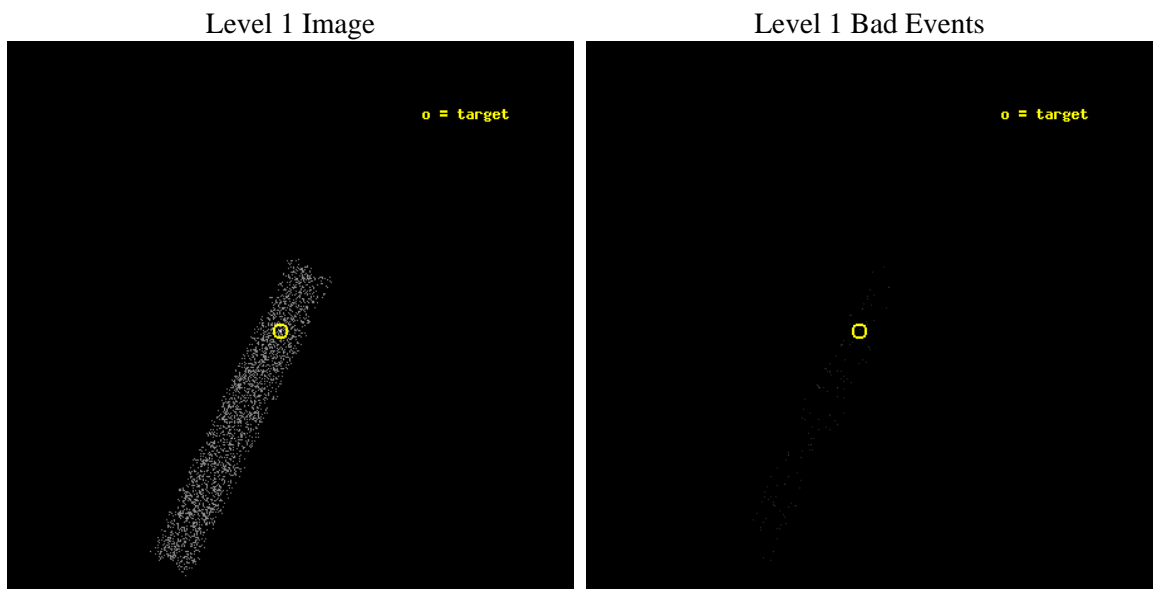
seq_num	702045	Sequence number
obs_id	11459	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J113657.68+411318.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	174.240417	Observer's specified target RA [deg]
dec_targ	41.221806	Observer's specified target Dec [deg]
ra_nom	174.23484146675	Nominal RA [deg]
dec_nom	41.224471149547	Nominal Dec [deg]
roll_nom	115.46215305423	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2127.199873209	Sum of GTIs [s]
livetime	1929.2580021848	Livetime [s]
ontime7	2127.199873209	Sum of GTIs [s]
l2events	1556	Number of level 2 events



2 OBI

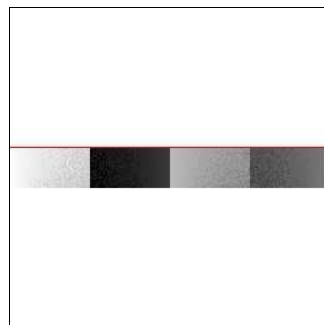
2.1 OBI

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	2127.199873209	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2127.199873209	Sum of GTIs [s]
date	2012-06-20T23:46:53	Date and time of file creation	l1events	4498	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

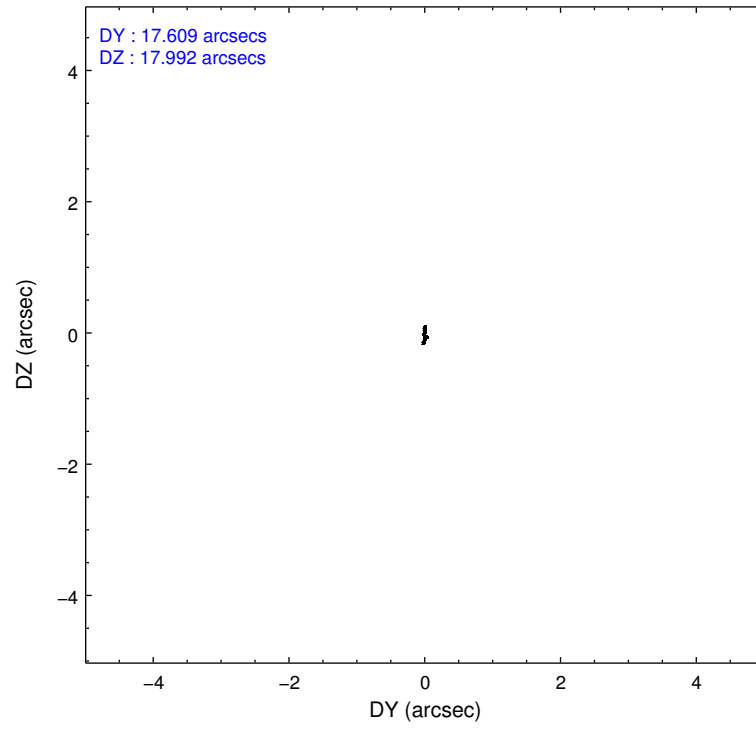
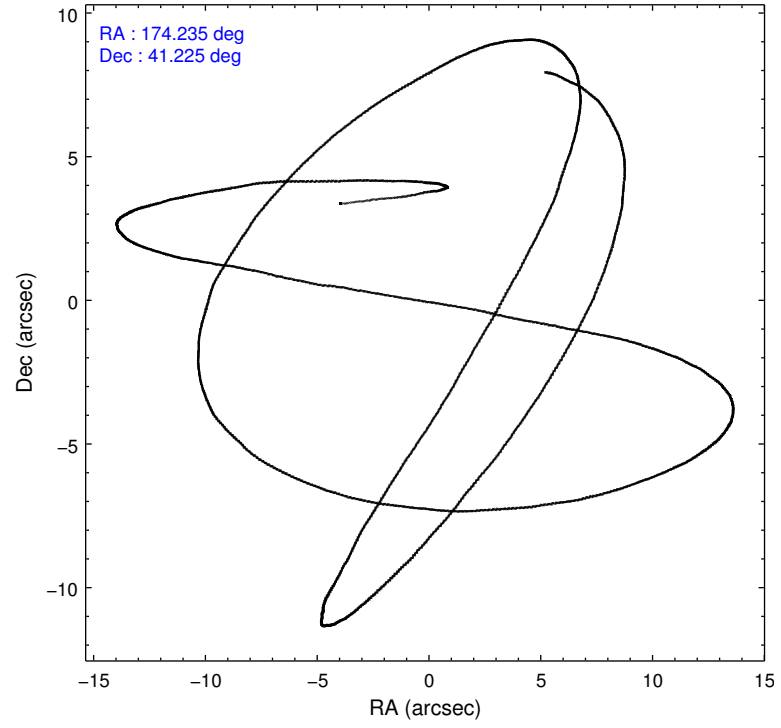
	ccd 7
level 1 events	4498
rejected events	2879
rejected %	64%

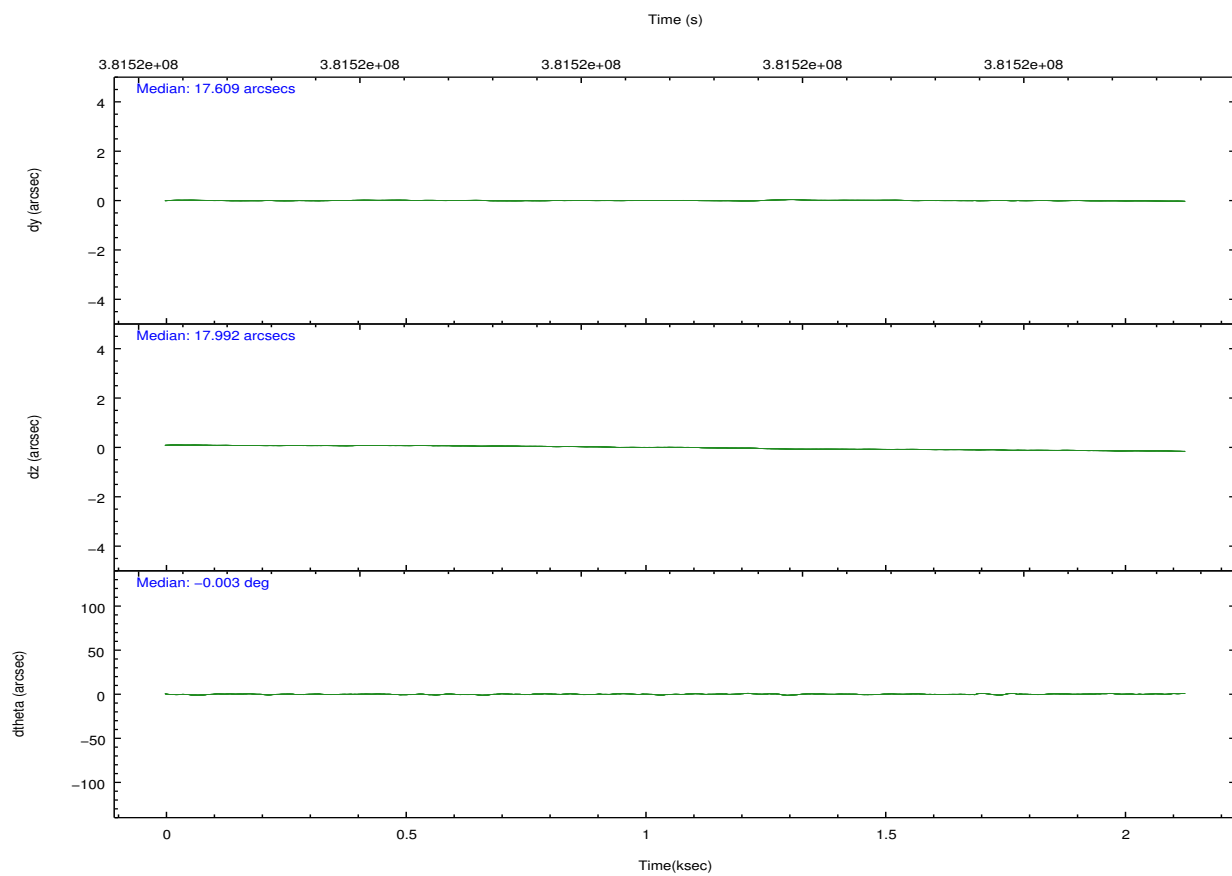
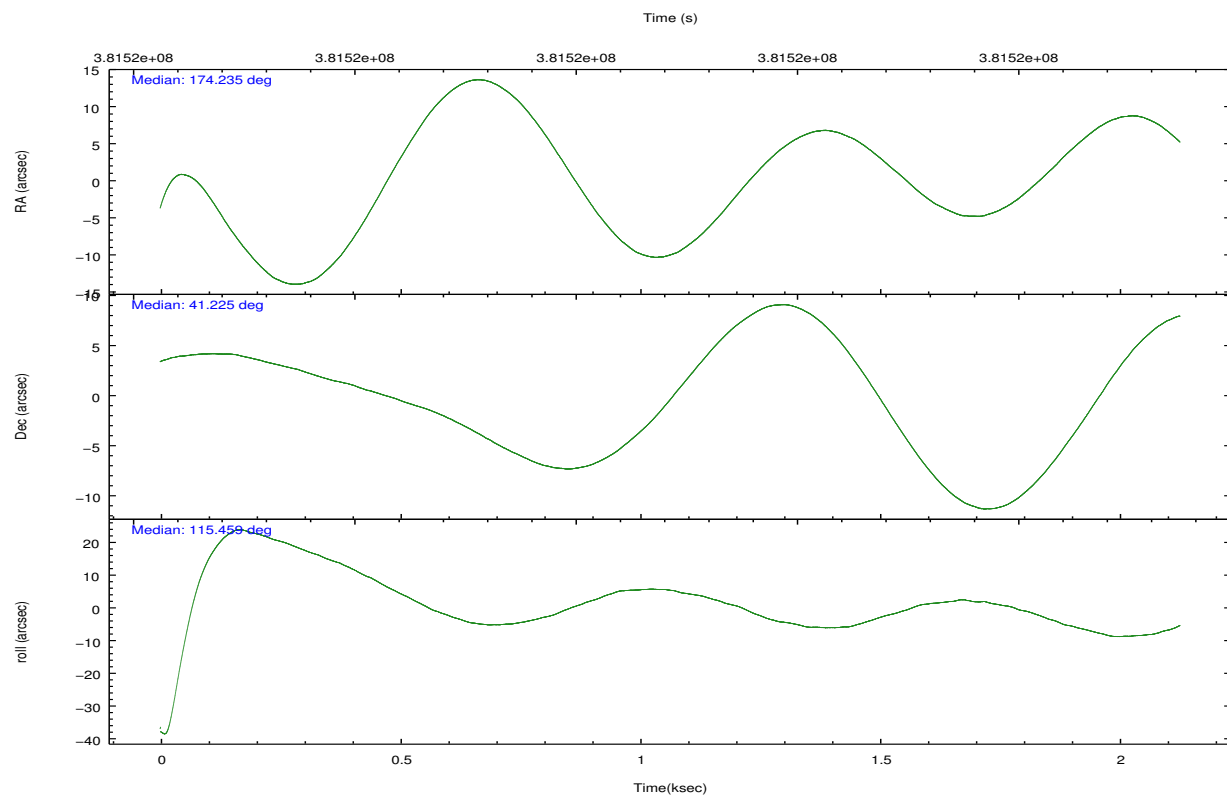
	ccd 7
grade 0 events	295
	6%
grade 1 events	6
	0%
grade 2 events	459
	10%
grade 3 events	288
	6%
grade 4 events	326
	7%
grade 5 events	429
	9%
grade 6 events	1011
	22%
grade 7 events	1684
	37%

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	174.265222	174.2348414667547	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	41.209237	41.22447114954698	Subarray start row	449	449
[deg] Pointing Roll	115.285871	115.4621530542254	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)	381522781.184000	381521609.22994			
Observation start date	2010-02-02T18:31:55	2010-02-02T18:13:29			
[s] Observation end time (MET)	381524781.184000	381525810.70515			
Observation end date	2010-02-02T19:05:15	2010-02-02T19:23:30			
Read mode	TIMED	TIMED			

2.3 Aspect



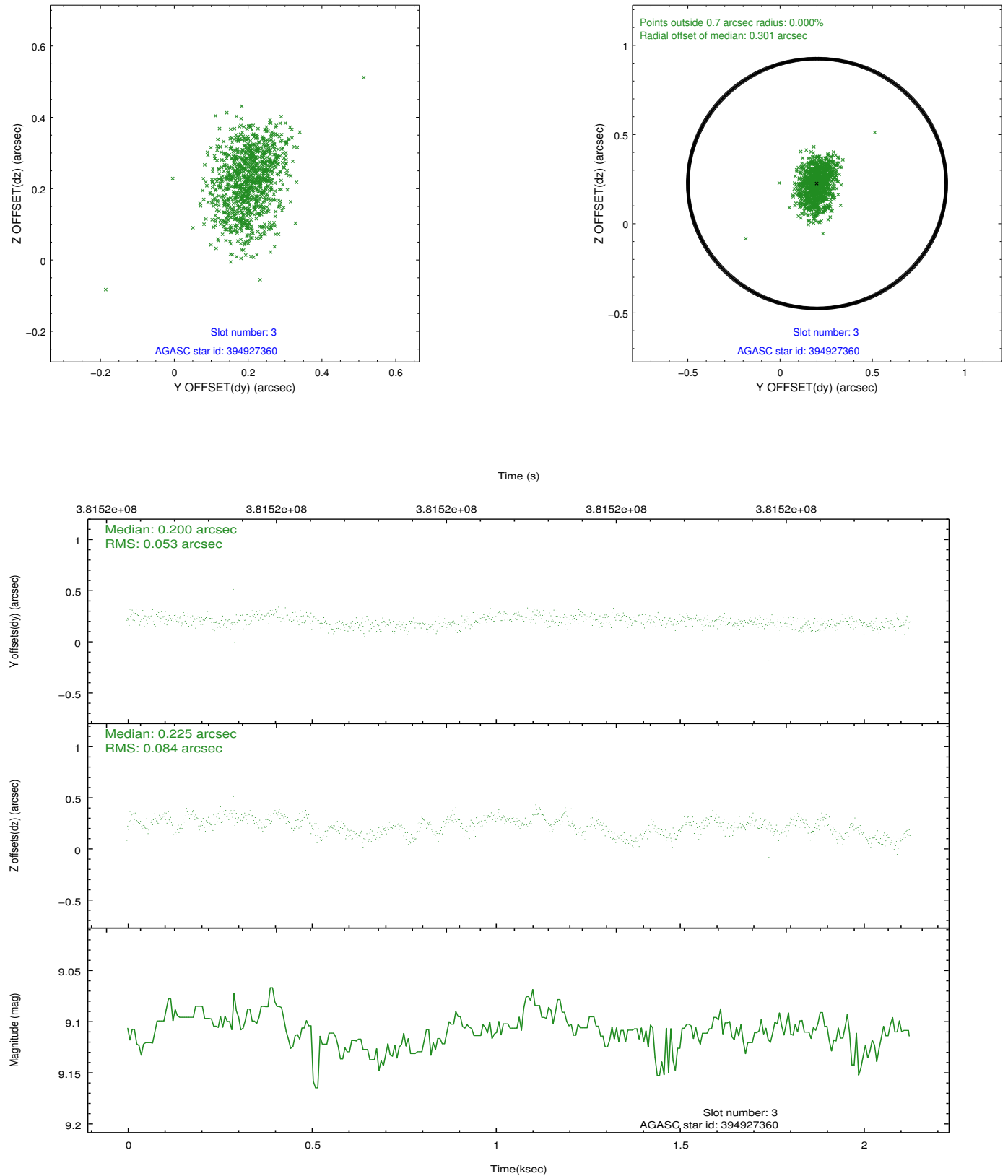


Slot Statistics

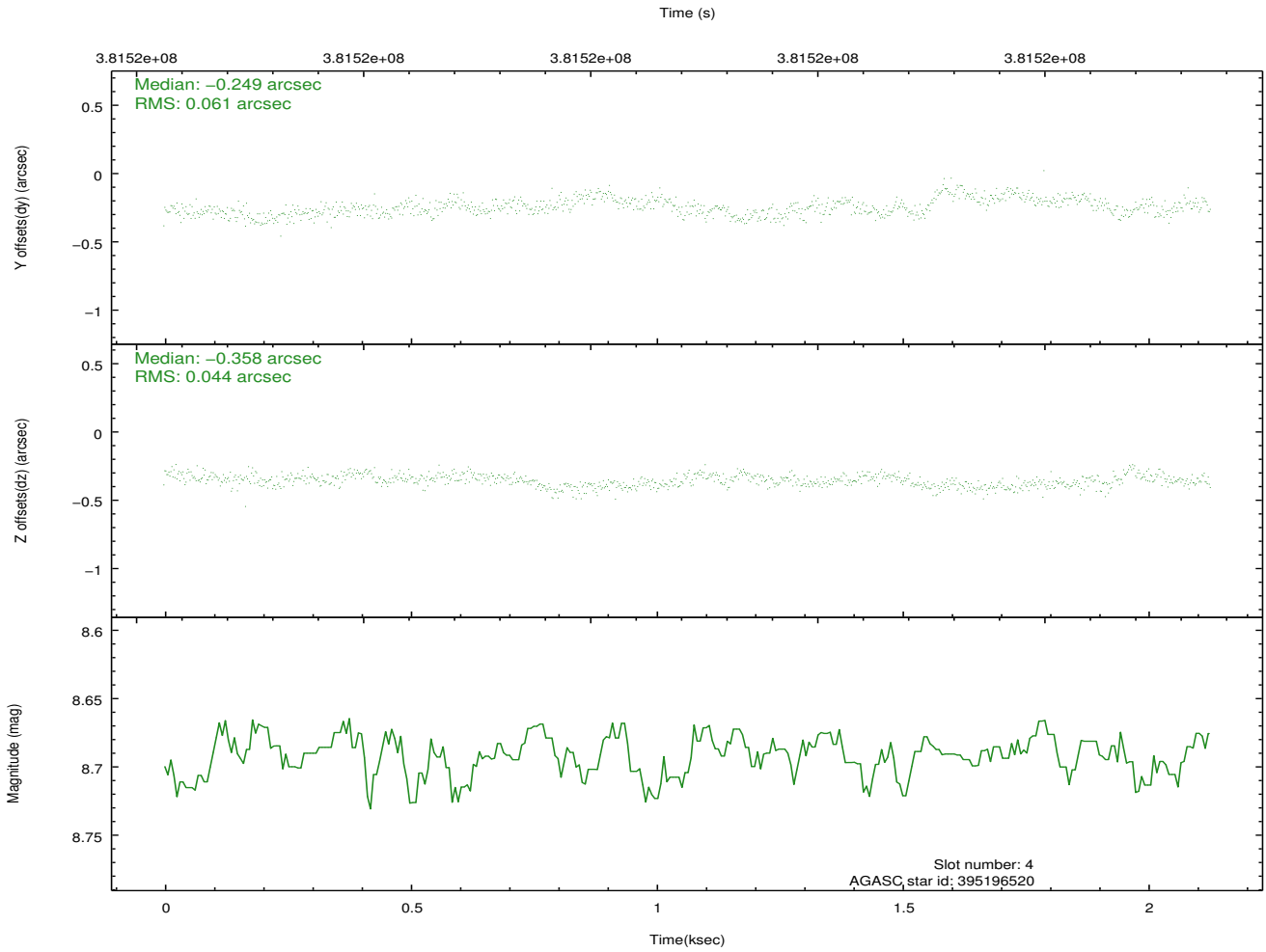
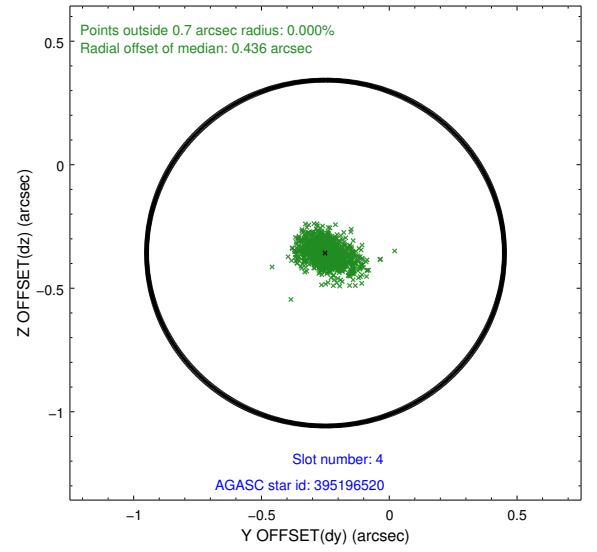
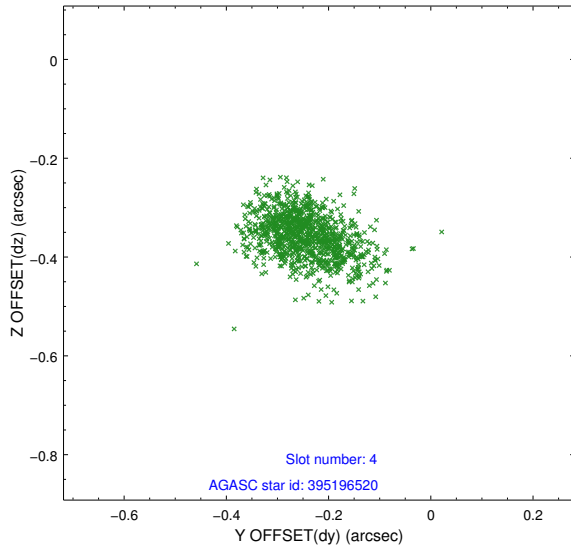
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	519	-0.046	-0.044	0.006	0.011	0.000000	0.000000	-770.73	-1739.41
1	FID	ACIS-S-4	6.97	519	0.174	0.034	0.005	0.011	0.000000	0.000000	2141.39	165.90
2	FID	ACIS-S-5	7.02	520	-0.159	0.019	0.006	0.012	0.000000	0.000000	-1819.73	163.13
3	GUIDE	394927360	9.11	1039	0.200	0.225	0.106	0.170	174.718797	41.069517	-977.40	-899.53
4	GUIDE	395196520	8.69	1039	-0.249	-0.358	0.078	0.131	173.790466	41.637167	1940.64	494.65
5	GUIDE	395198744	9.36	1039	-0.069	-0.073	0.104	0.169	174.448267	41.307500	110.60	-598.34
6	GUIDE	394928488	9.21	1039	0.125	-0.085	0.094	0.152	174.741507	41.179954	-642.99	-1123.21
7	GUIDE	395196288	9.09	1035	-0.018	0.300	0.097	0.149	174.809253	41.902442	1637.60	-2386.75

2.4 Star Slots

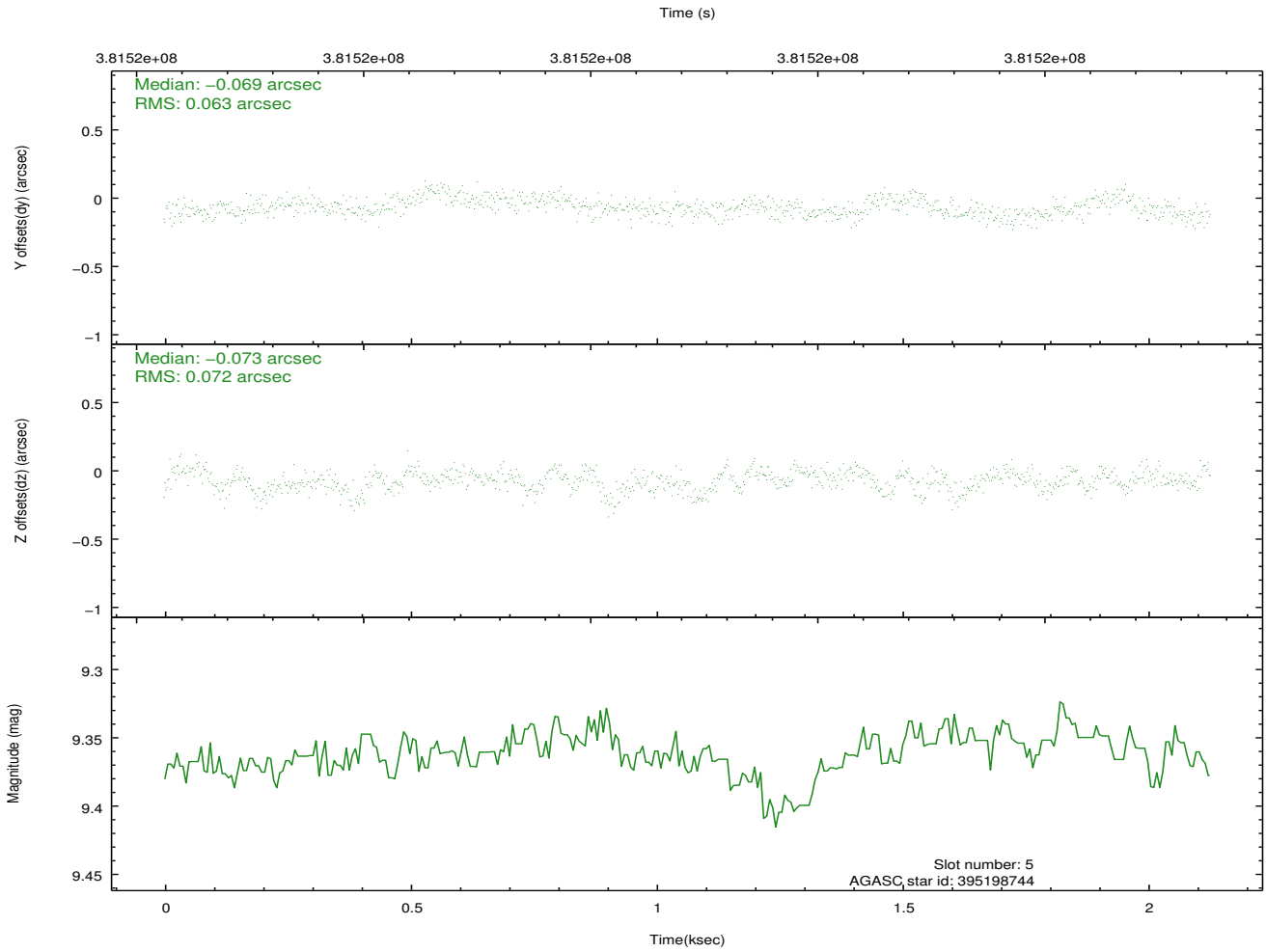
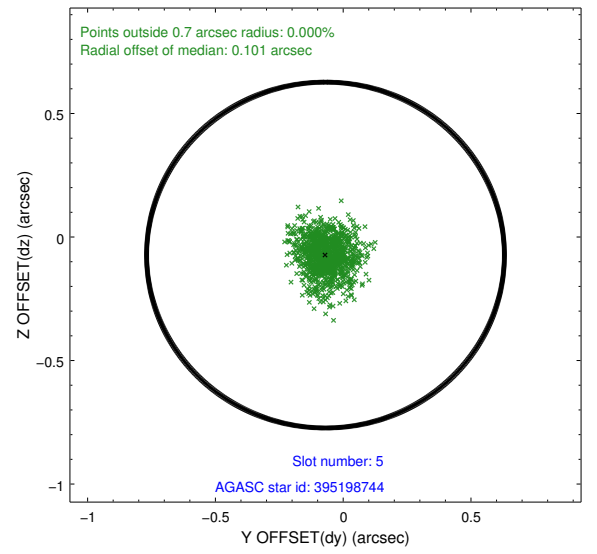
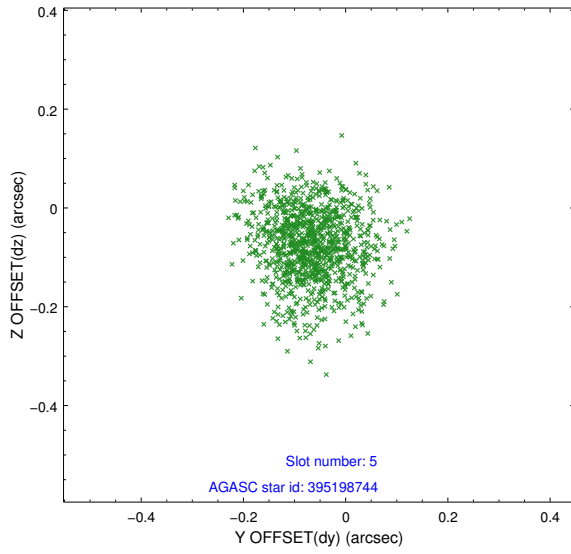
2.4.1 Slot 3



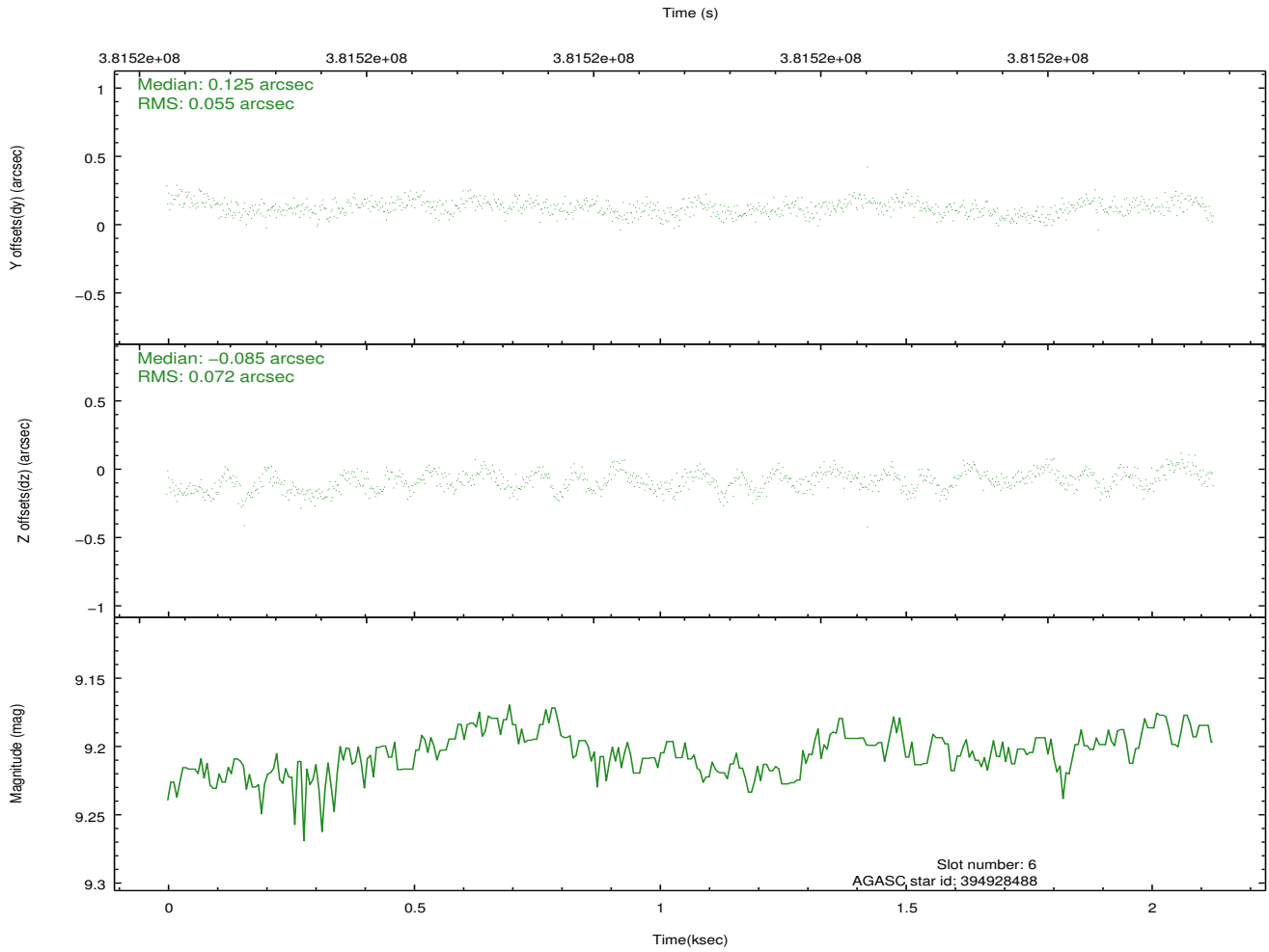
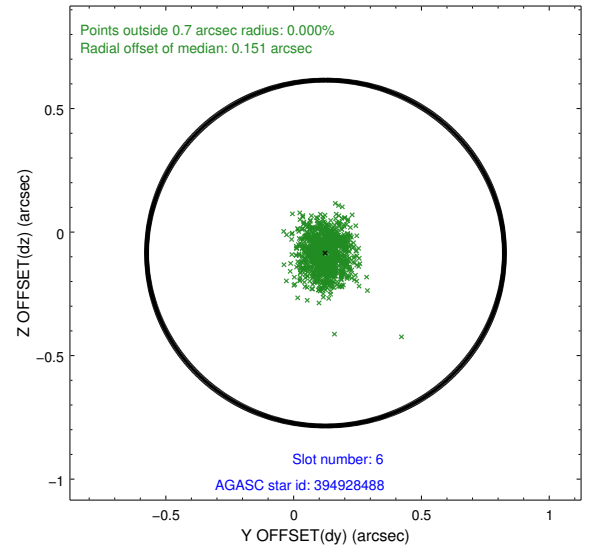
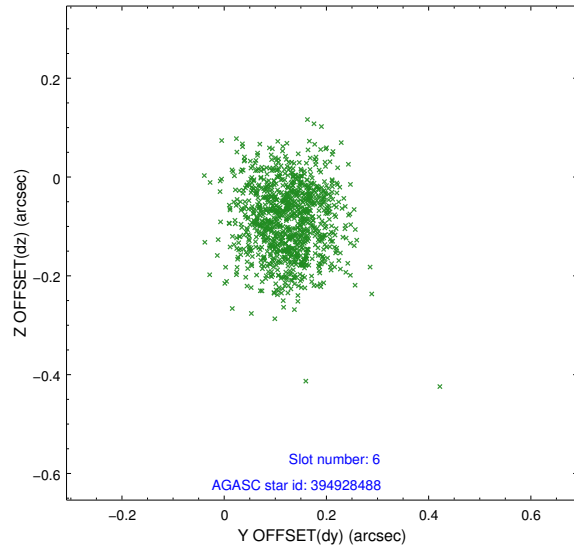
2.4.2 Slot 4



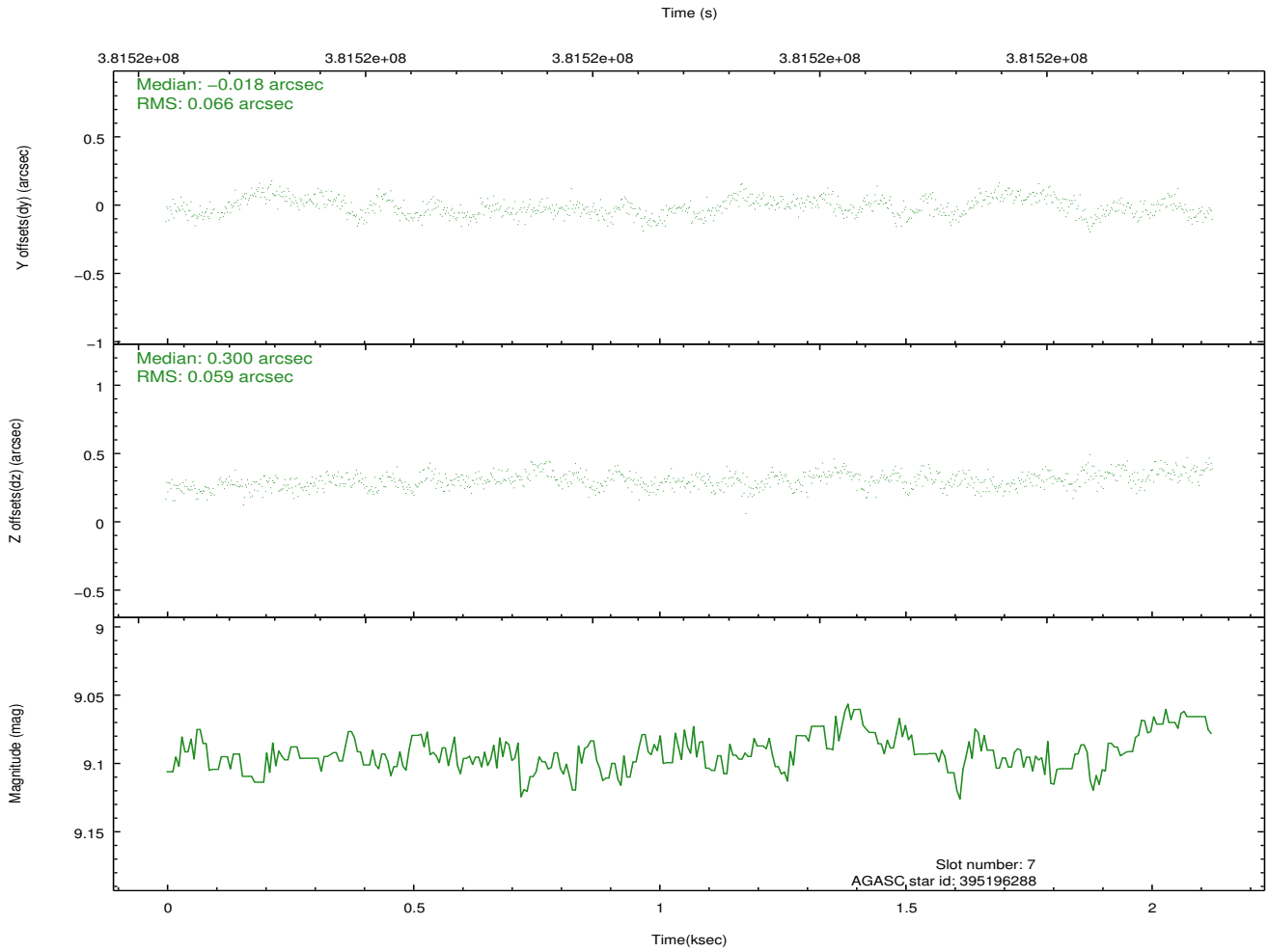
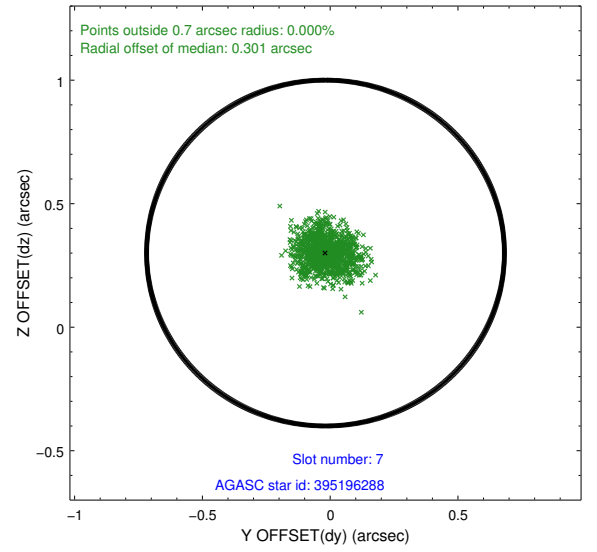
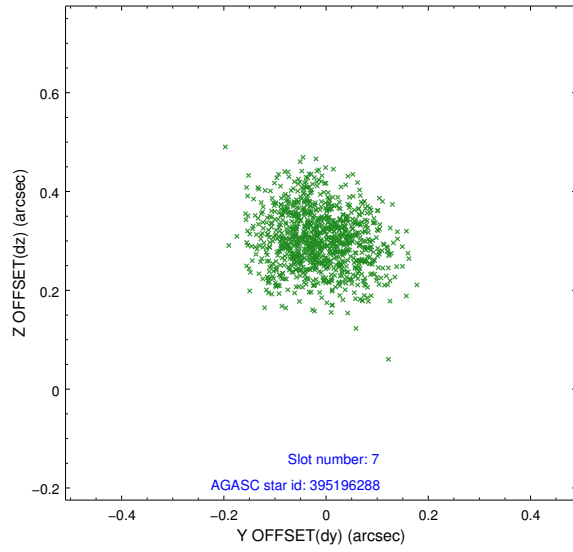
2.4.3 Slot 5



2.4.4 Slot 6

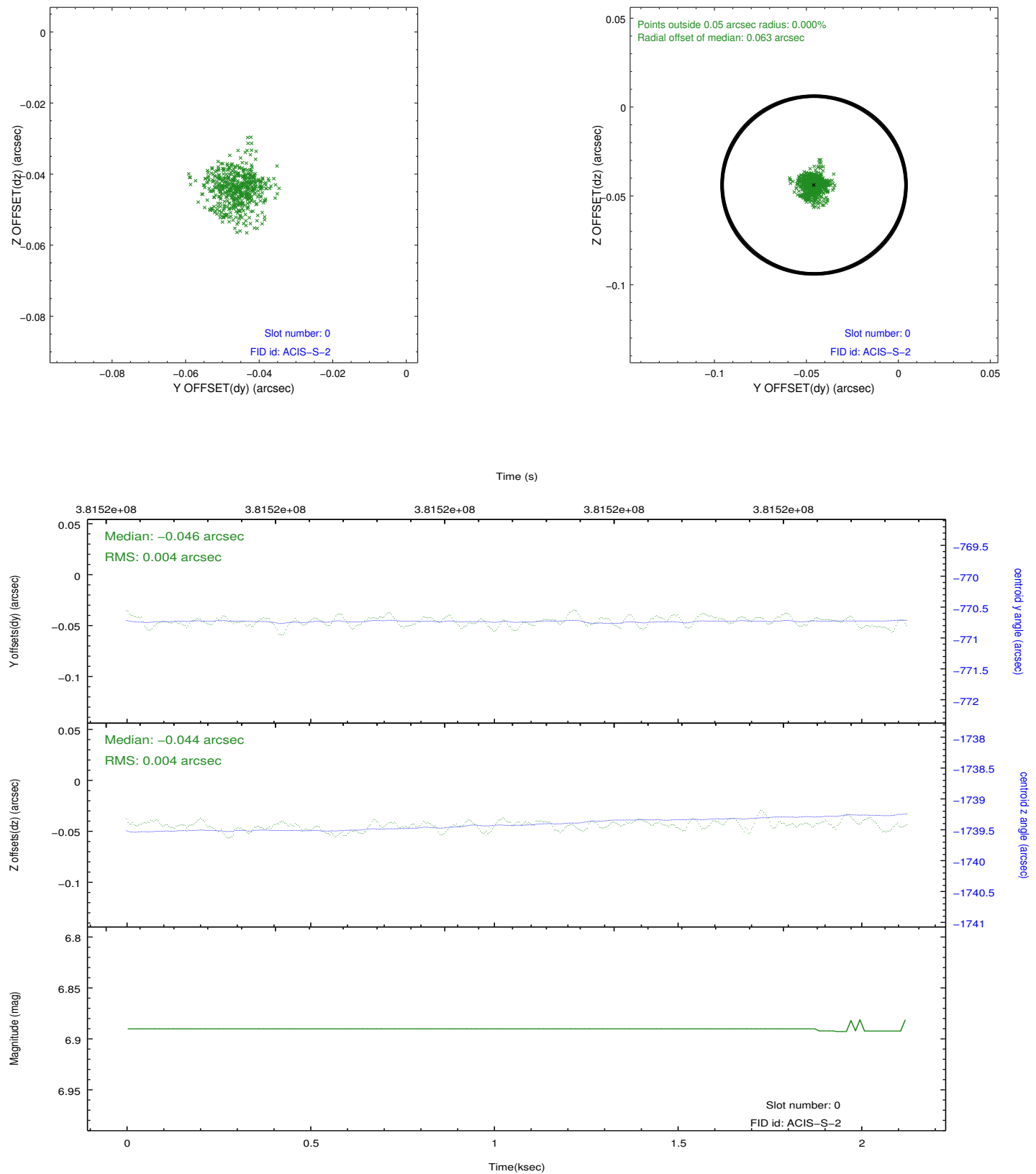


2.4.5 Slot 7

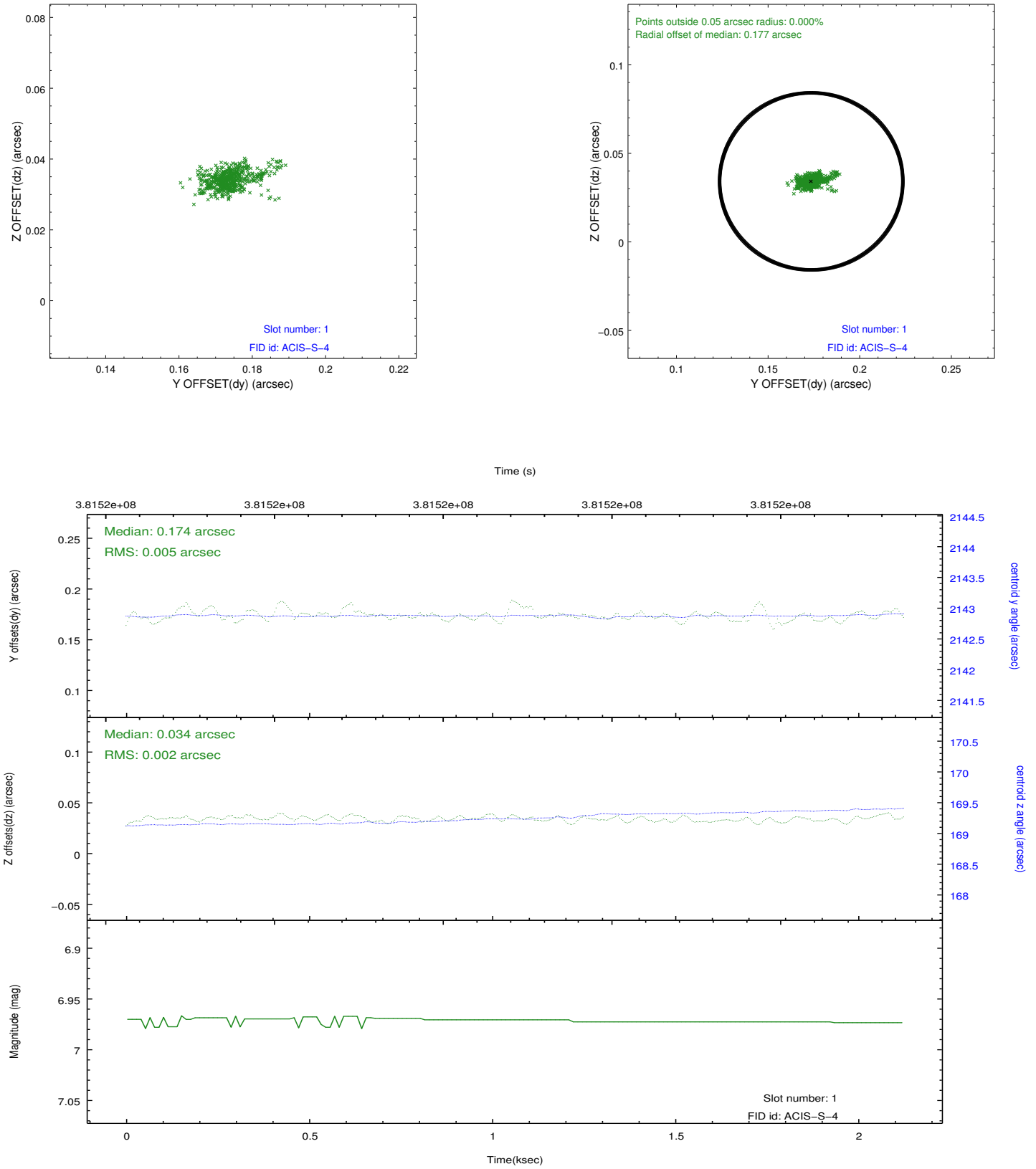


2.5 FID Slots

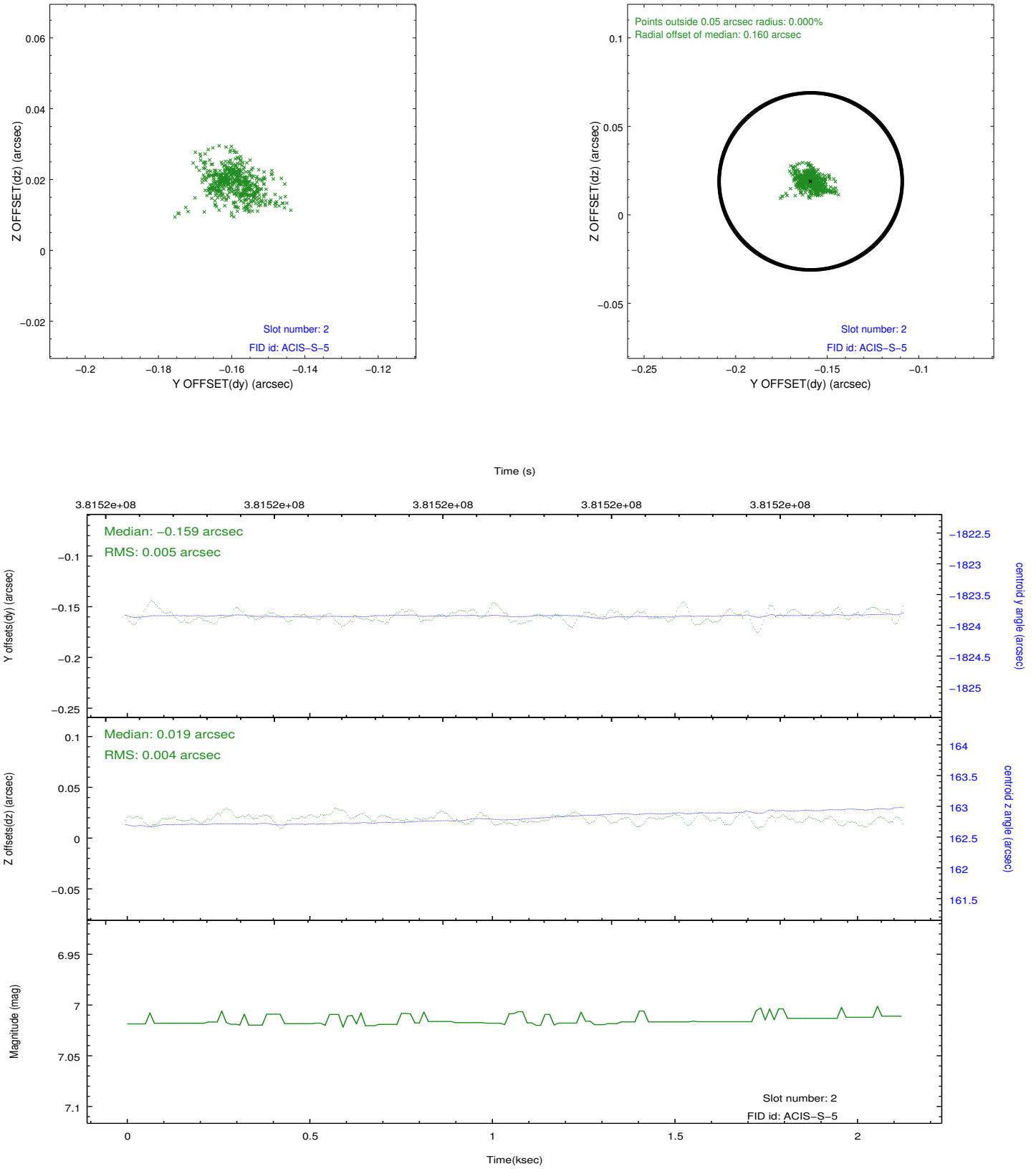
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.127199873209

A.2 Comments