

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11475 - L2 Version 2
Chandra X-Ray Center

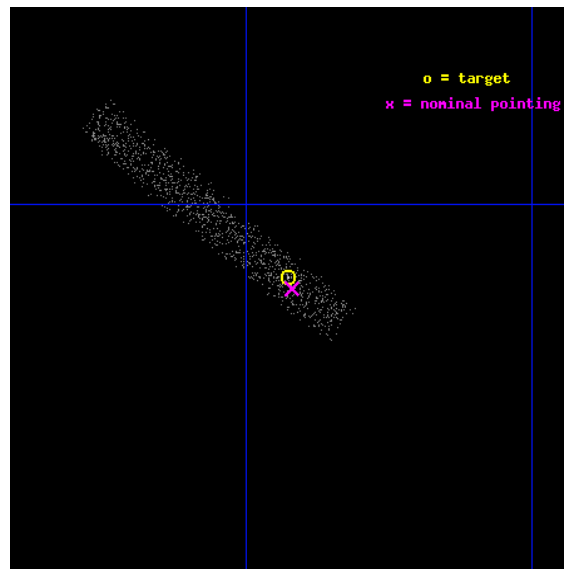
L2 Processing Date : Jun 28 2012

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1 Front

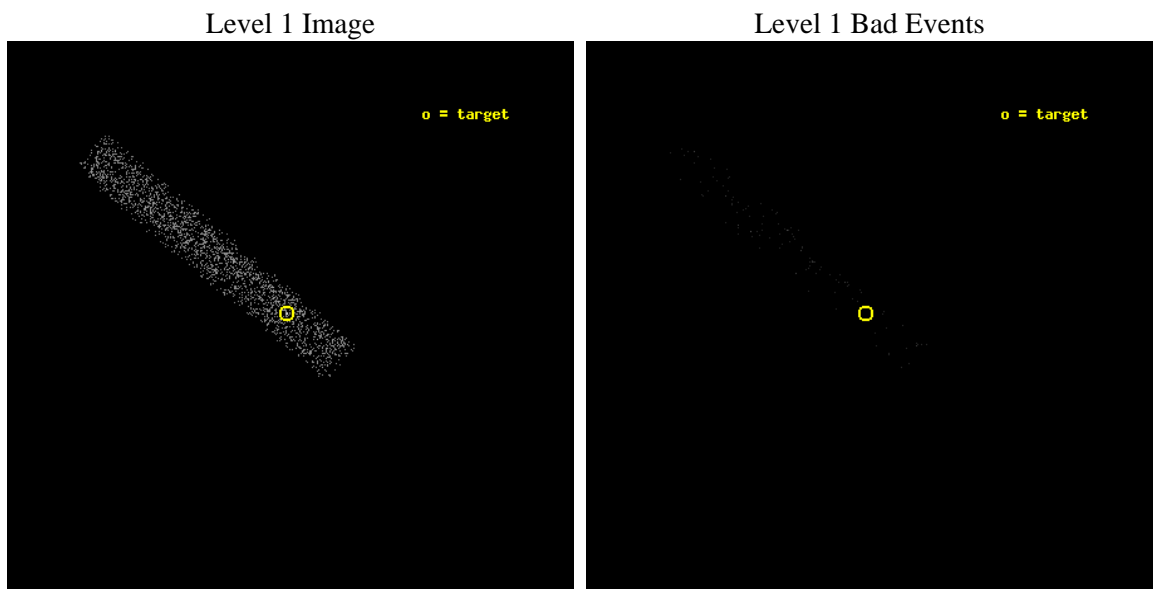
seq_num	702061	Sequence number
obs_id	11475	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J153425.59+040806.7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	233.606667	Observer's specified target RA [deg]
dec_targ	4.135194	Observer's specified target Dec [deg]
ra_nom	233.60510614592	Nominal RA [deg]
dec_nom	4.1303334271764	Nominal Dec [deg]
roll_nom	219.95603802928	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2033.599878788	Sum of GTIs [s]
livetime	1844.3677478578	Livetime [s]
ontime7	2033.599878788	Sum of GTIs [s]
l2events	1363	Number of level 2 events



2 OBI

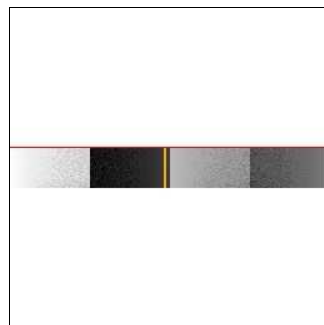
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2033.599878788	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2033.599878788	Sum of GTIs [s]
date	2012-06-28T04:00:40	Date and time of file creation	l1events	2639	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

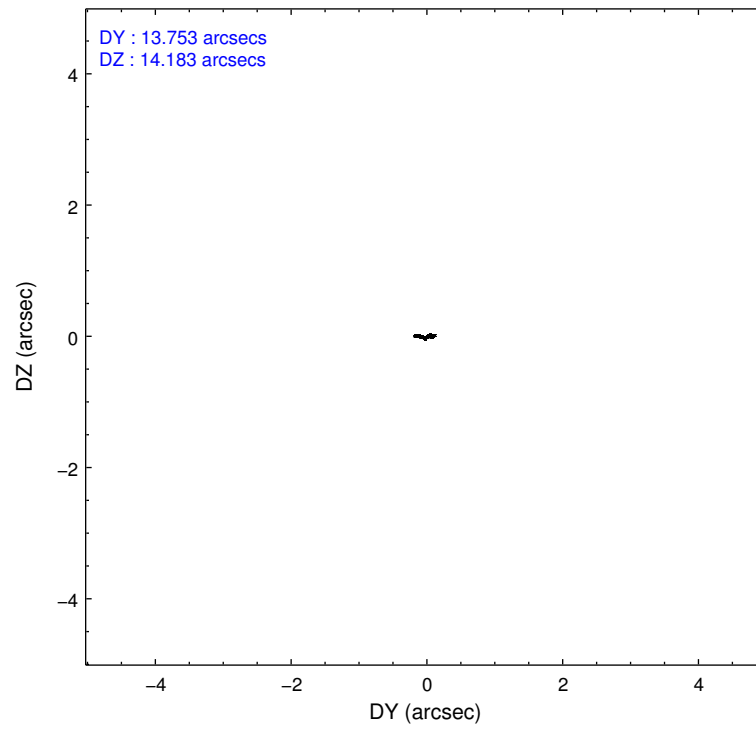
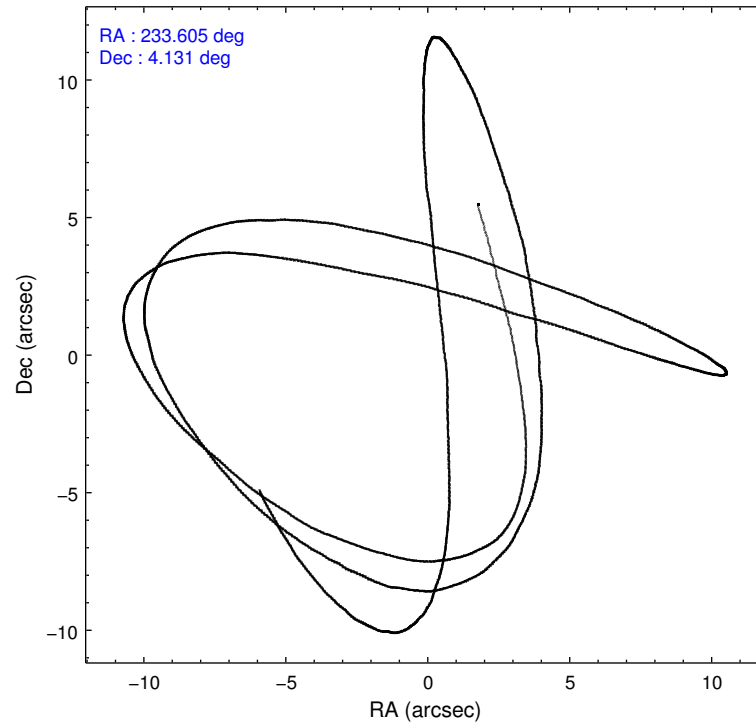
	ccd 7
level 1 events	2639
rejected events	1211
rejected %	45%

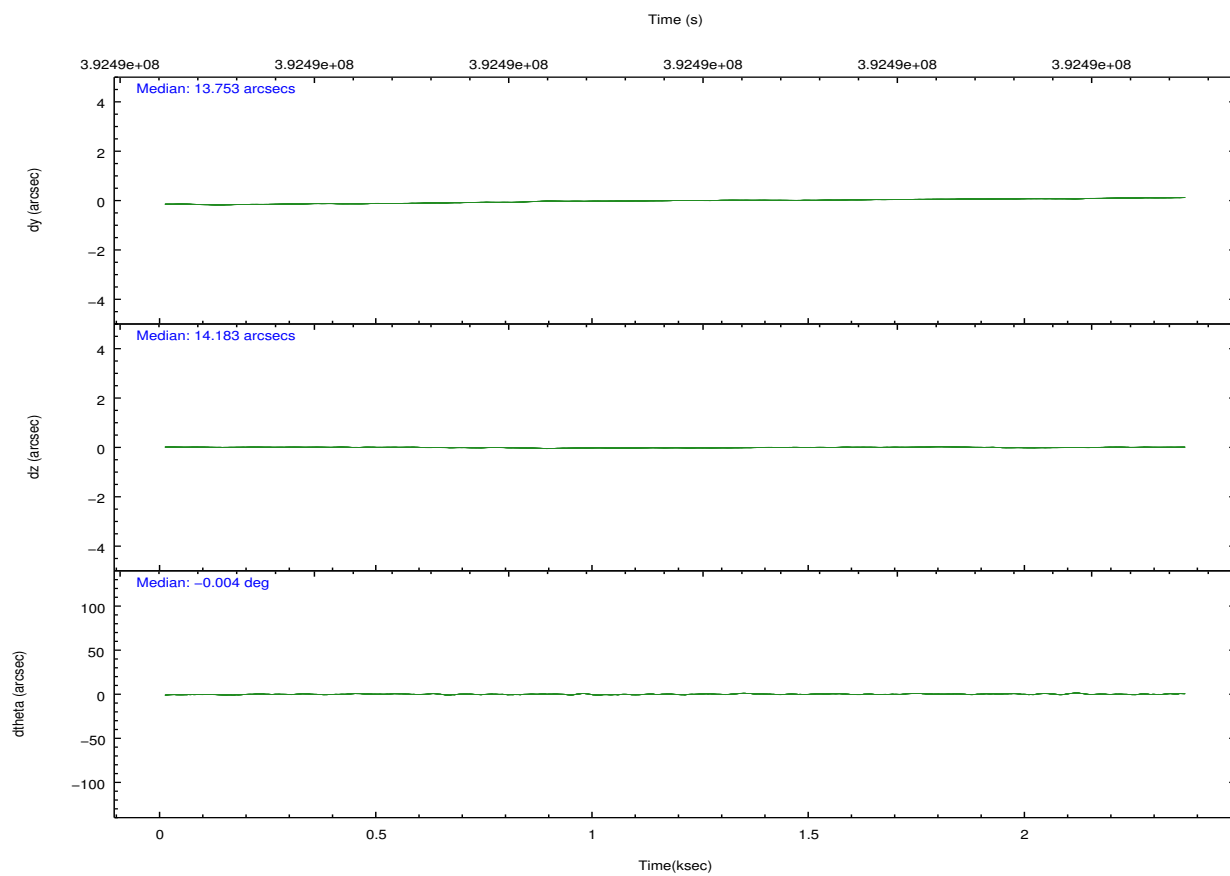
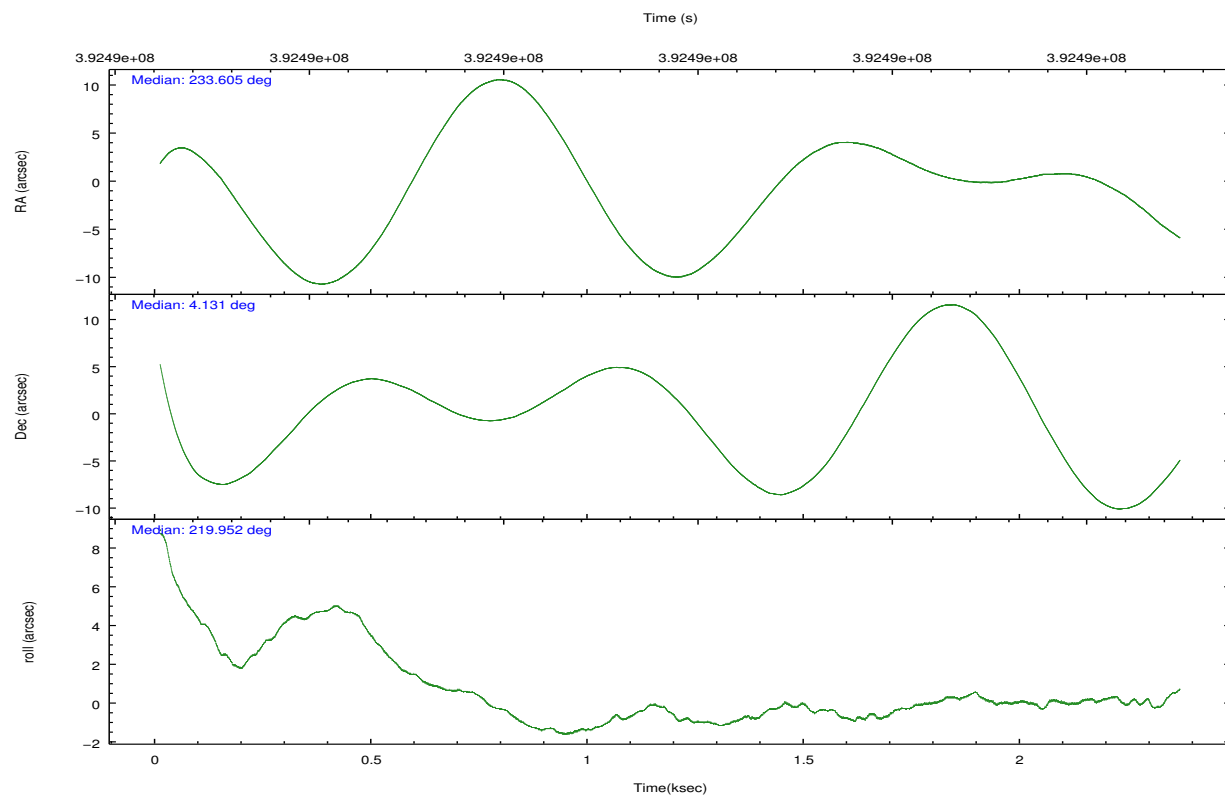
	ccd 7
grade 0 events	164
	6%
grade 1 events	3
	0%
grade 2 events	261
	9%
grade 3 events	203
	7%
grade 4 events	193
	7%
grade 5 events	252
	9%
grade 6 events	607
	23%
grade 7 events	956
	36%

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	233.614179	233.6051061459154	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	4.156403	4.130333427176448	Subarray start row	449	449
[deg] Pointing Roll	219.798735	219.9560380292758	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)	392491935.184000	392491011.16227			
Observation start date	2010-06-09T17:31:09	2010-06-09T17:16:51			
[s] Observation end time (MET)	392494115.184000	392494463.87494			
Observation end date	2010-06-09T18:07:29	2010-06-09T18:14:23			
Read mode	TIMED	TIMED			

2.3 Aspect



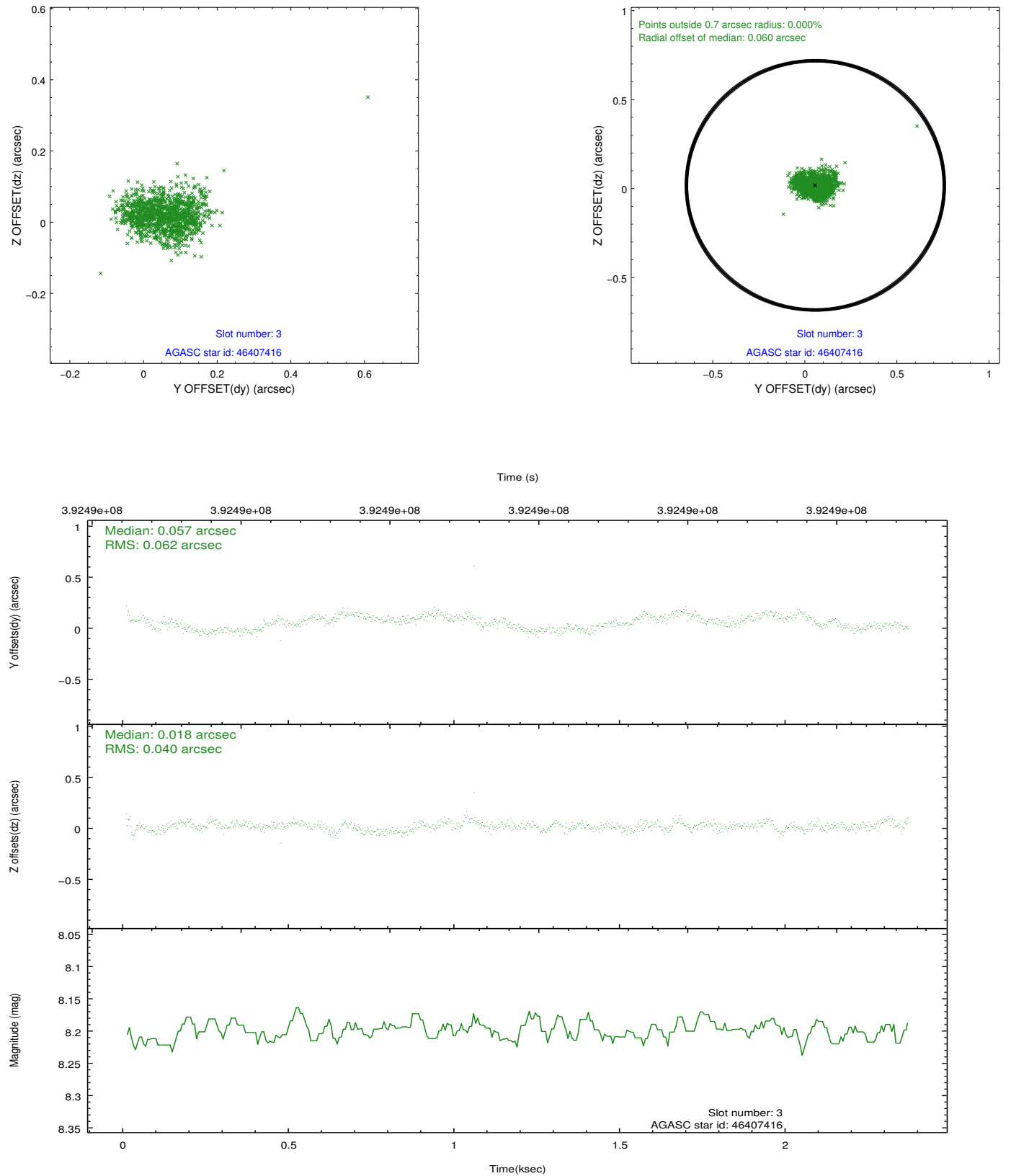


Slot Statistics

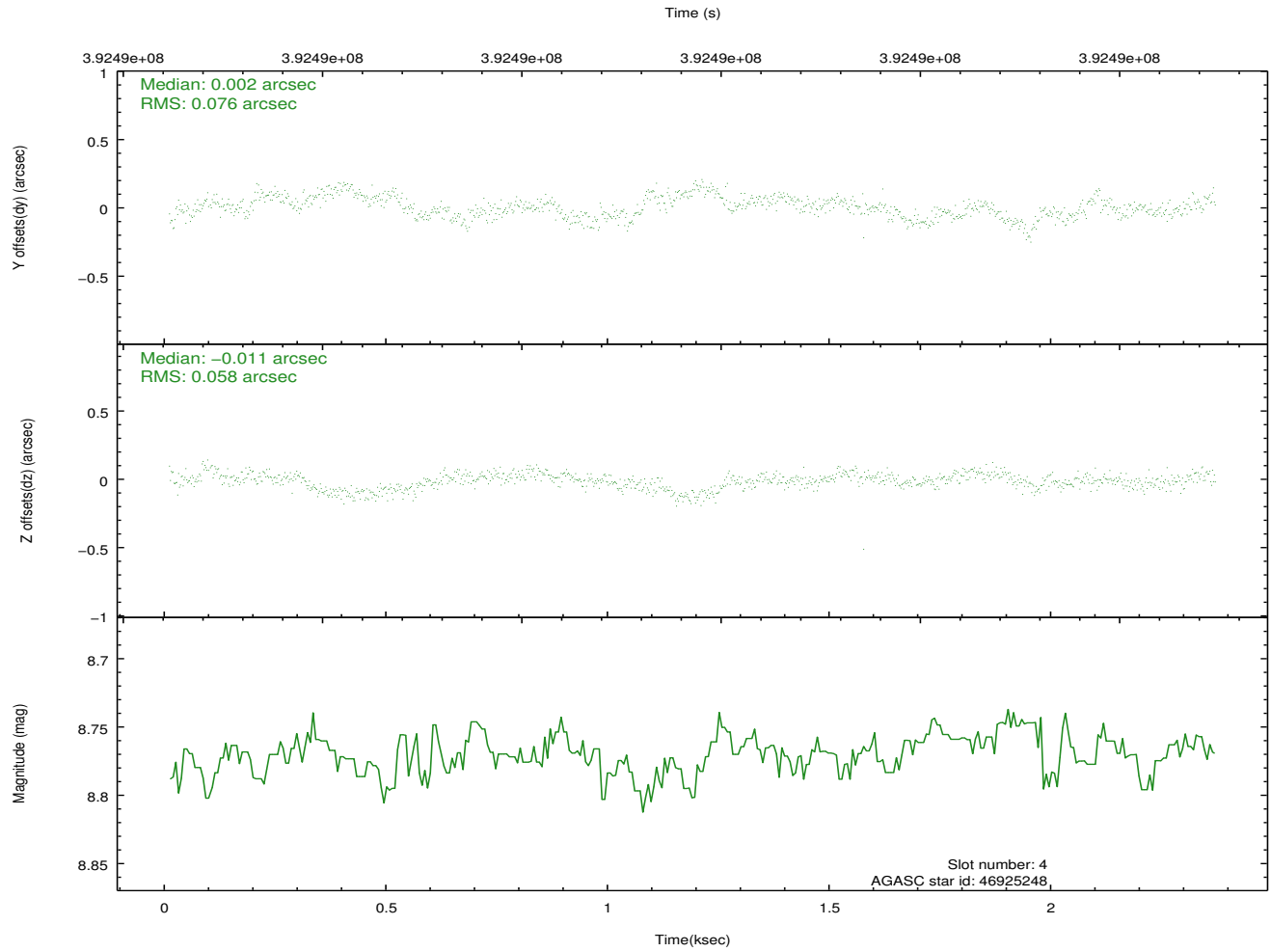
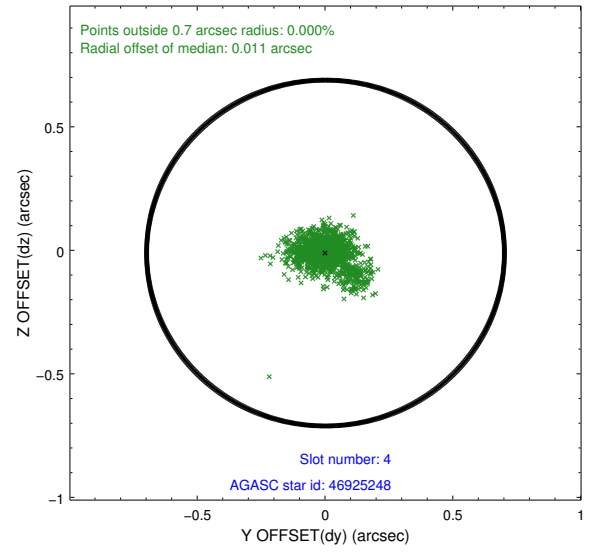
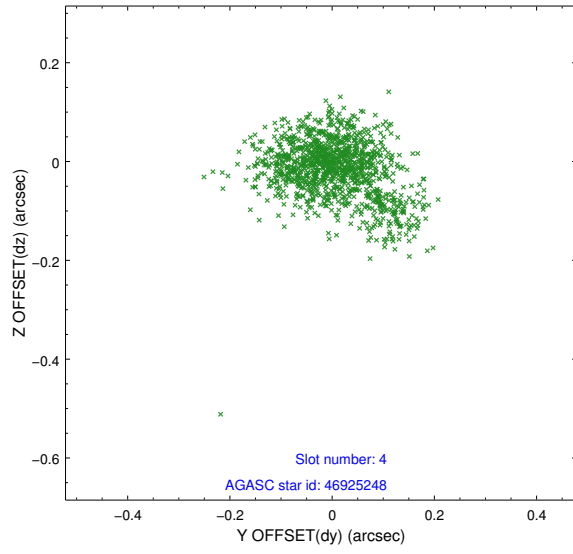
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	576	-0.052	-0.054	0.008	0.013	0.000000	0.000000	-766.71	-1735.54
1	FID	ACIS-S-4	6.99	576	0.203	0.040	0.009	0.014	0.000000	0.000000	2145.55	170.19
2	FID	ACIS-S-5	7.01	576	-0.182	0.022	0.007	0.012	0.000000	0.000000	-1816.17	166.97
3	GUIDE	46407416	8.20	1151	0.057	0.018	0.078	0.120	233.856622	3.617619	572.16	2046.98
4	GUIDE	46925248	8.77	1151	0.002	-0.011	0.097	0.173	232.999748	4.066019	1904.46	-1162.13
5	GUIDE	46930392	9.47	1152	0.096	0.050	0.126	0.249	233.565077	4.770237	-1277.49	-1812.02
6	GUIDE	46931600	8.88	1152	0.035	0.065	0.094	0.143	233.068485	3.855465	2197.71	-424.55
7	GUIDE	46933496	7.45	1151	-0.191	-0.134	0.058	0.093	233.631686	4.730637	-1369.46	-1549.27

2.4 Star Slots

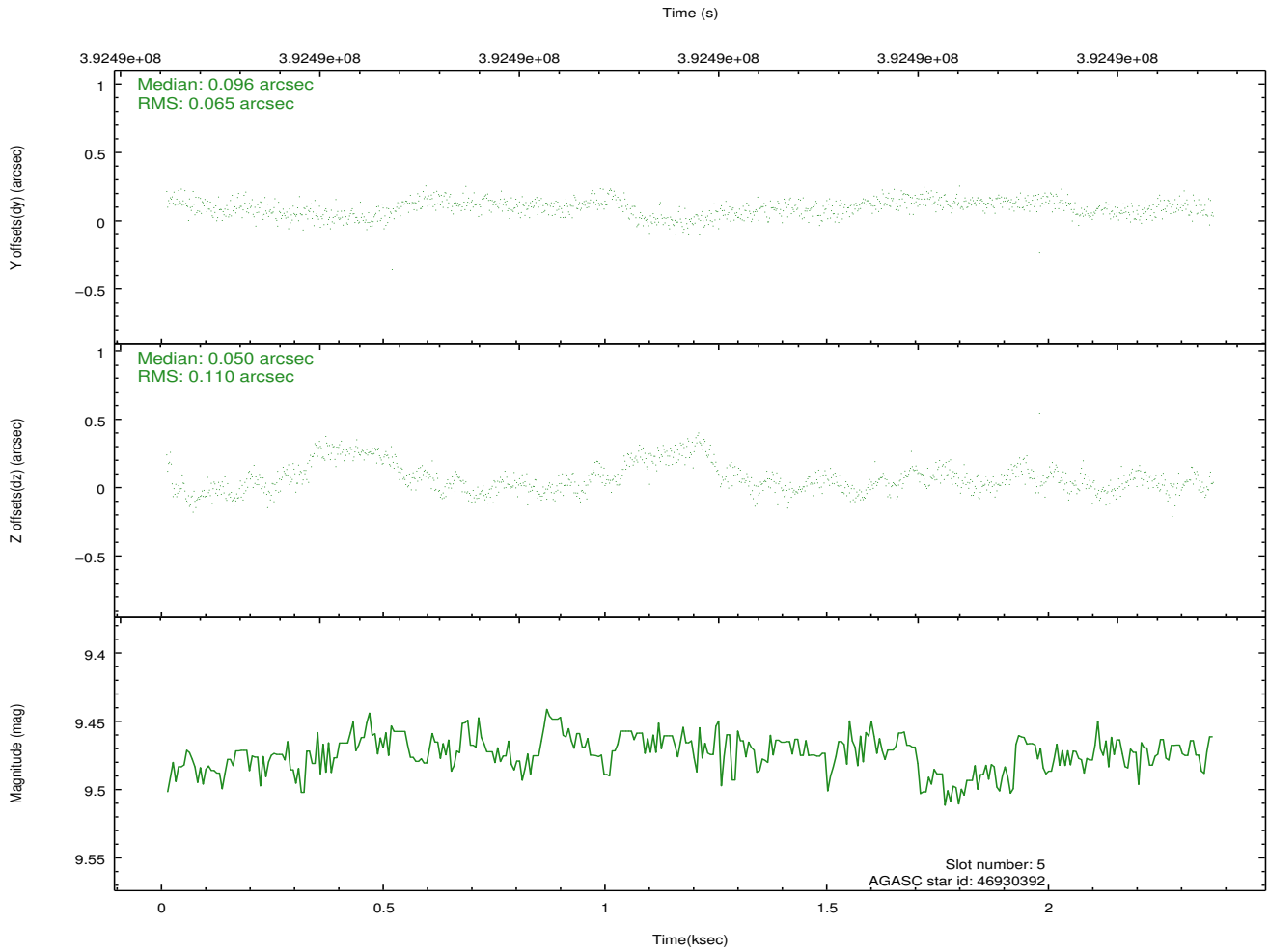
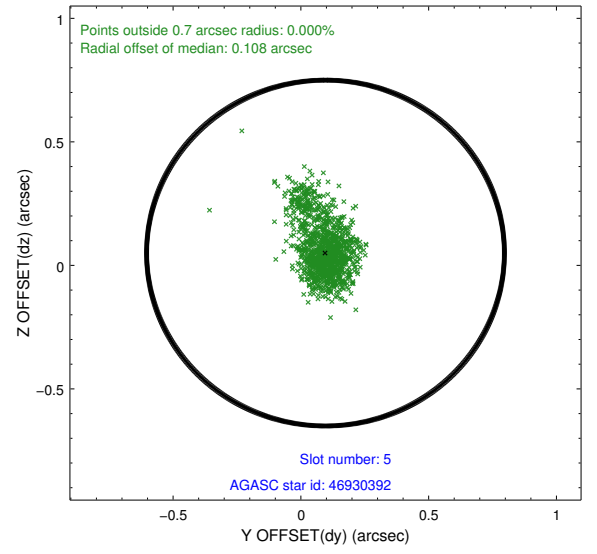
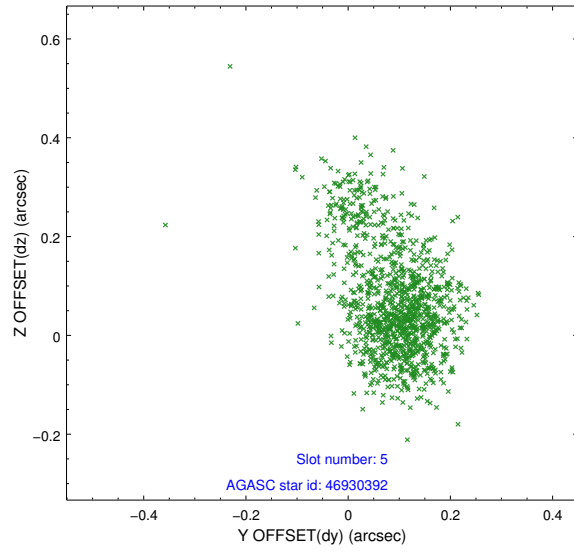
2.4.1 Slot 3



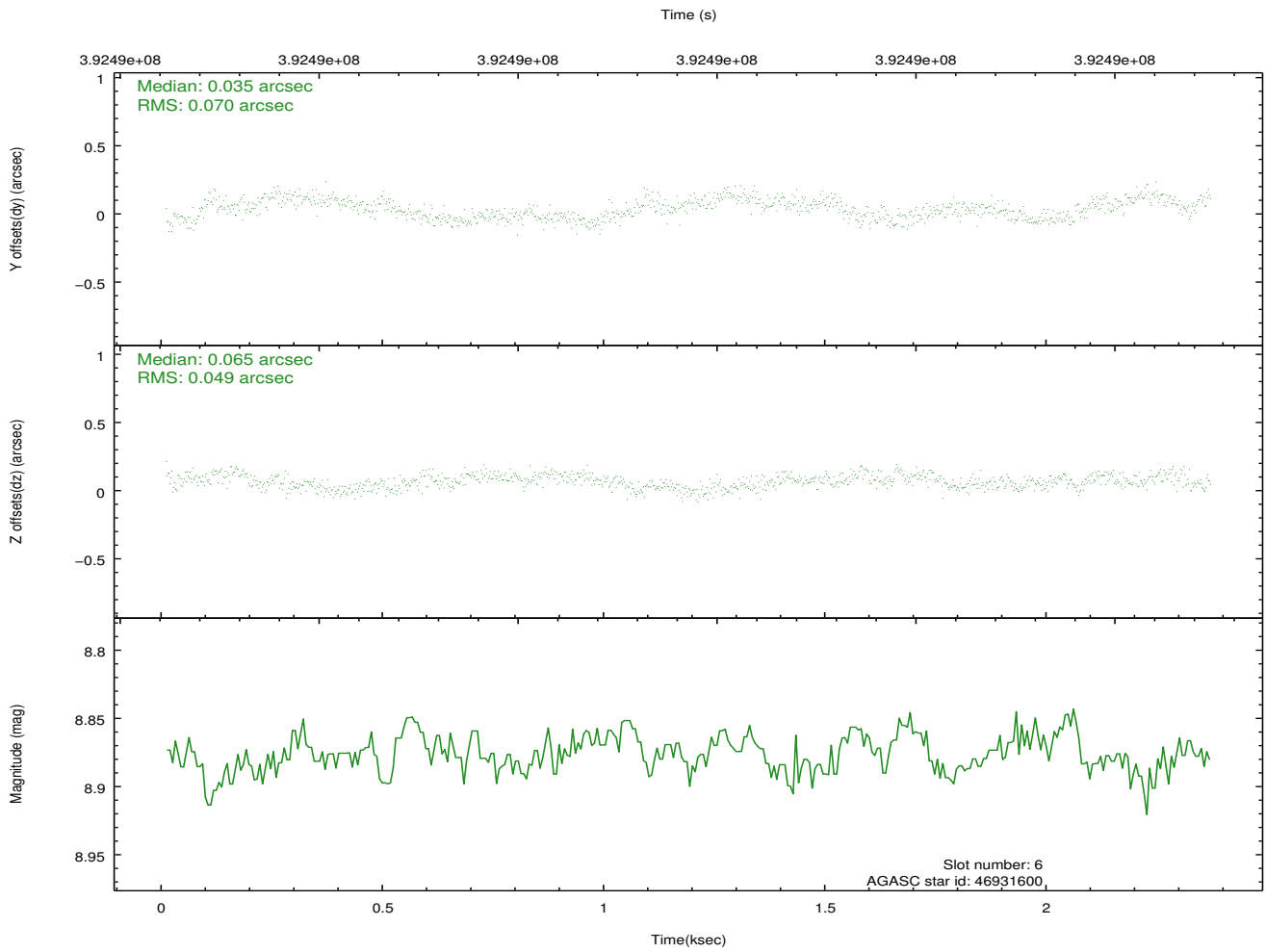
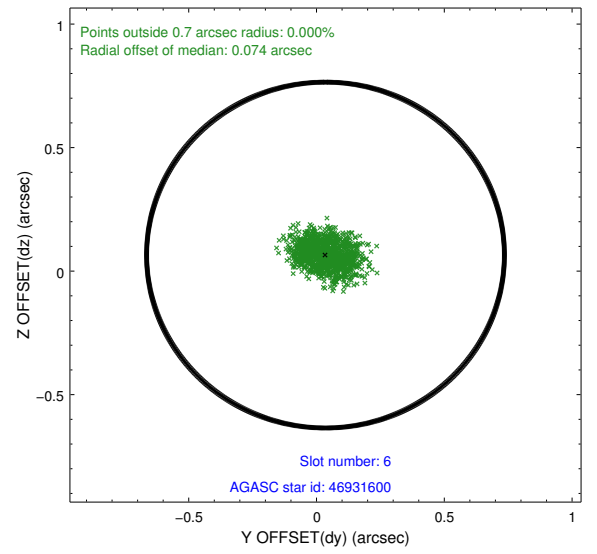
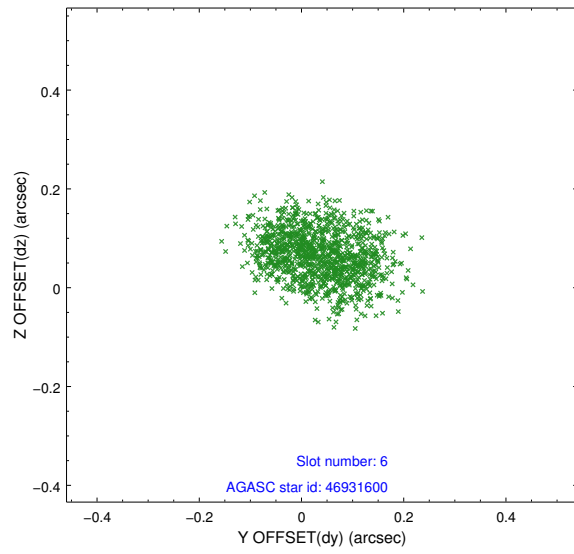
2.4.2 Slot 4



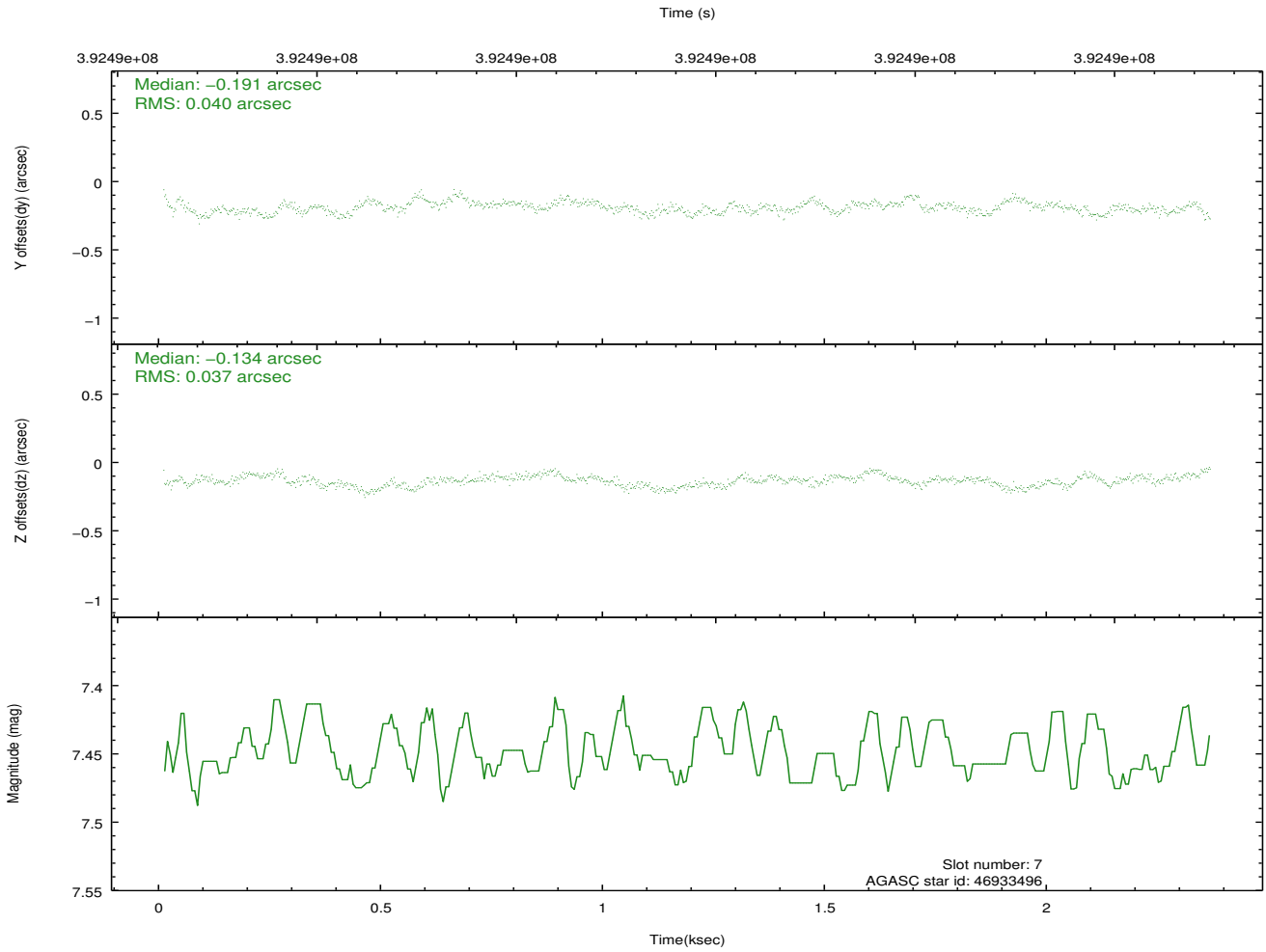
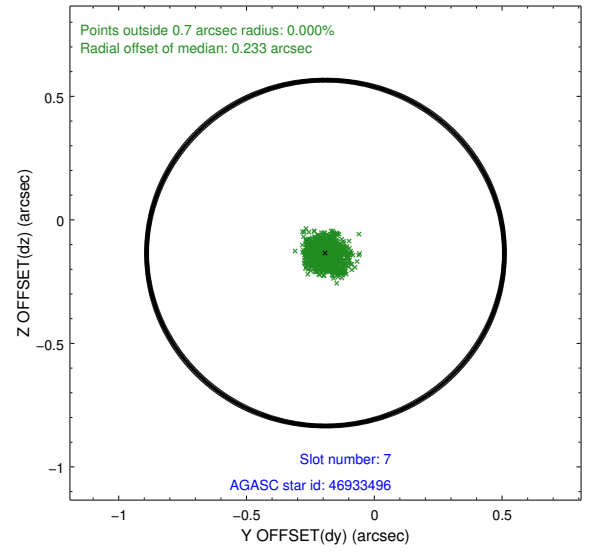
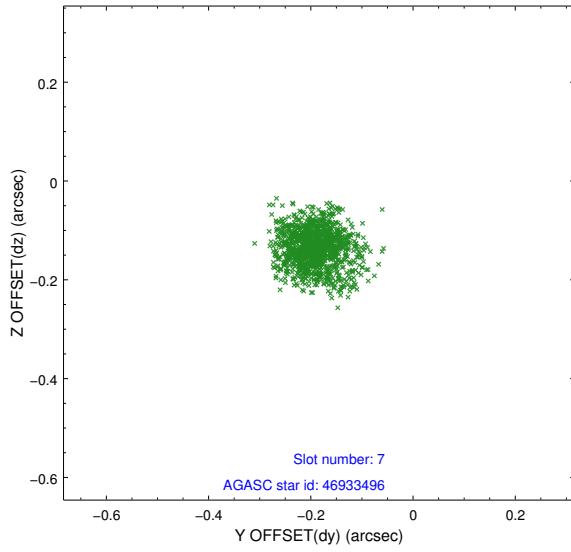
2.4.3 Slot 5



2.4.4 Slot 6

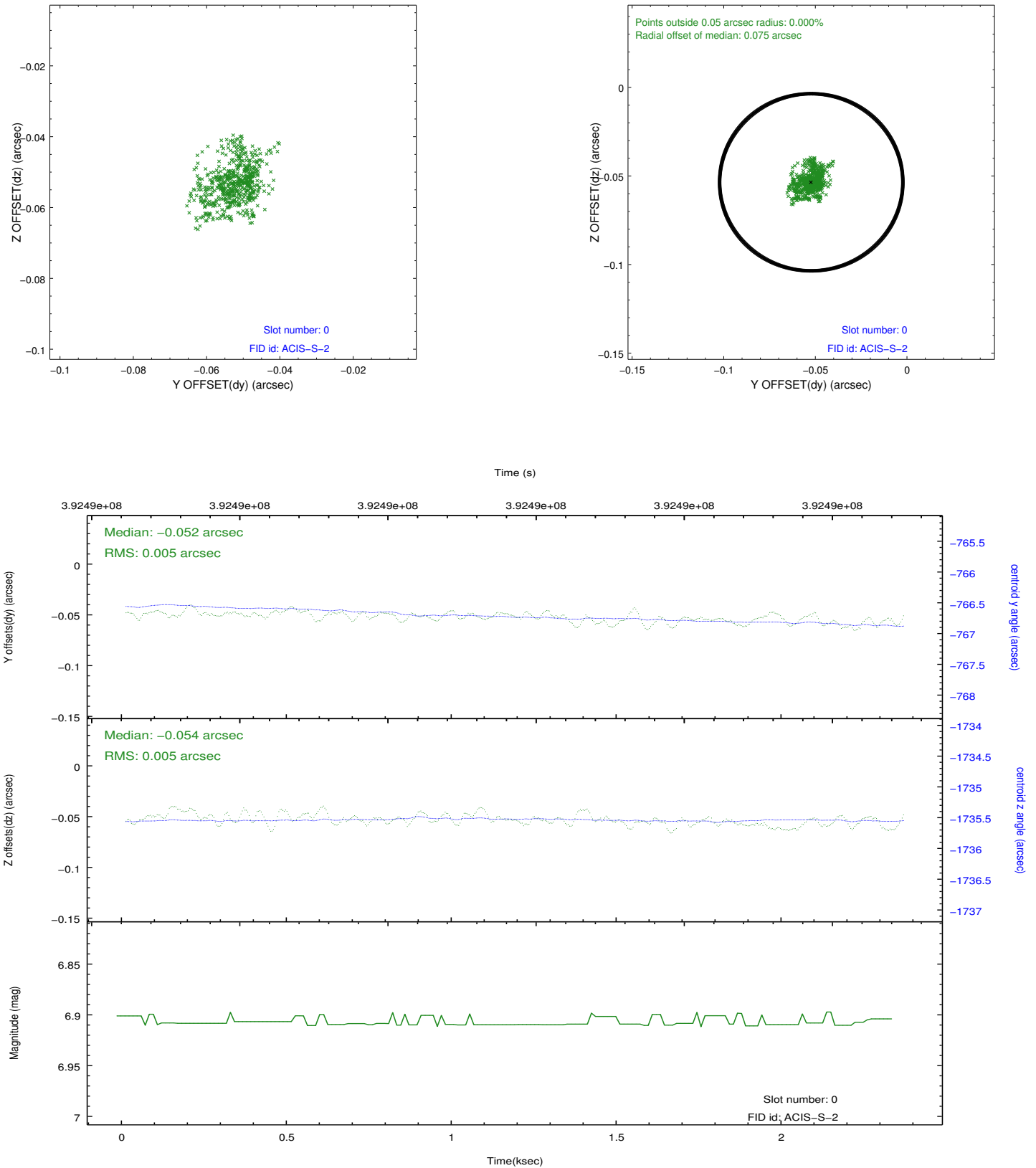


2.4.5 Slot 7

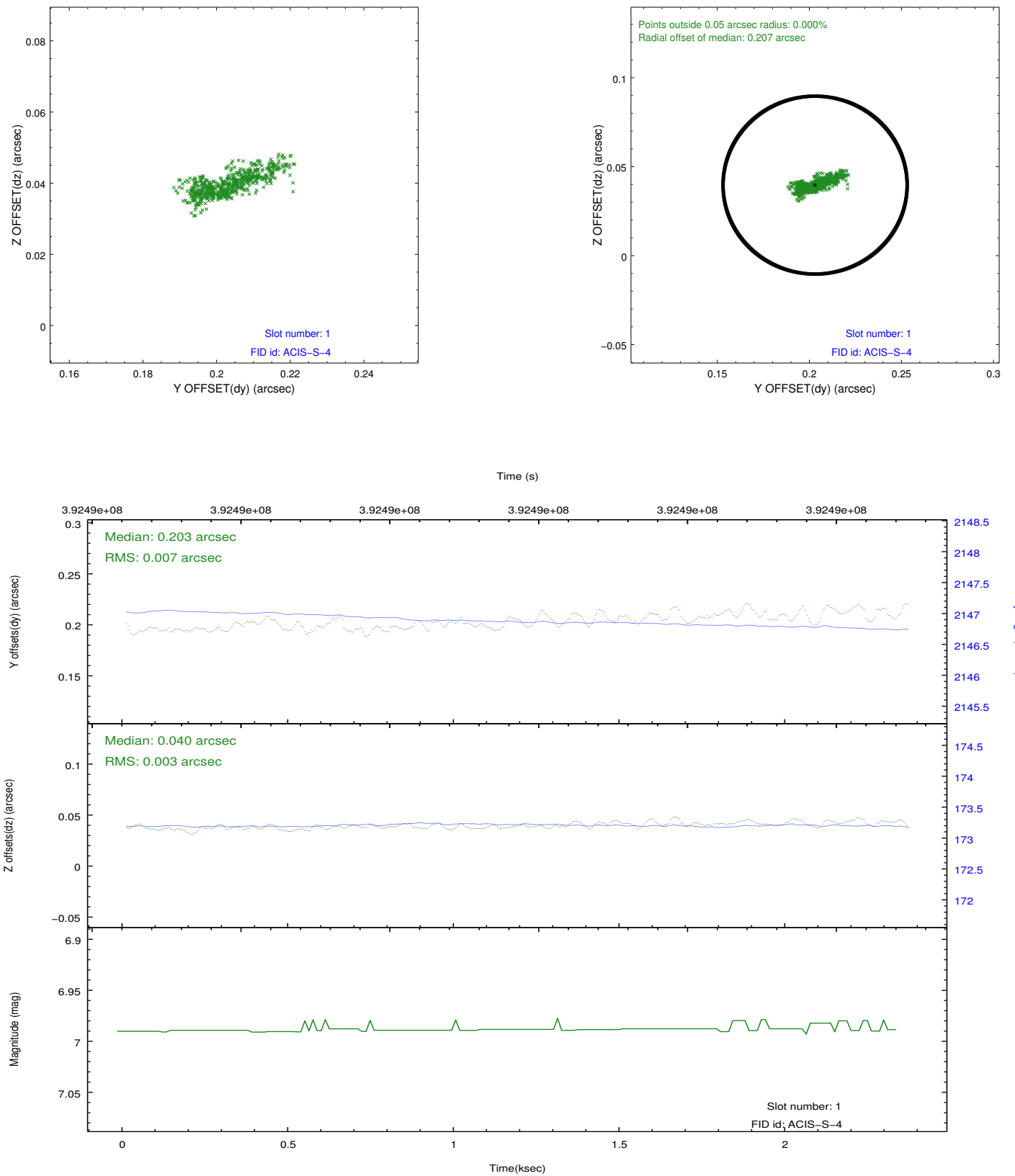


2.5 FID Slots

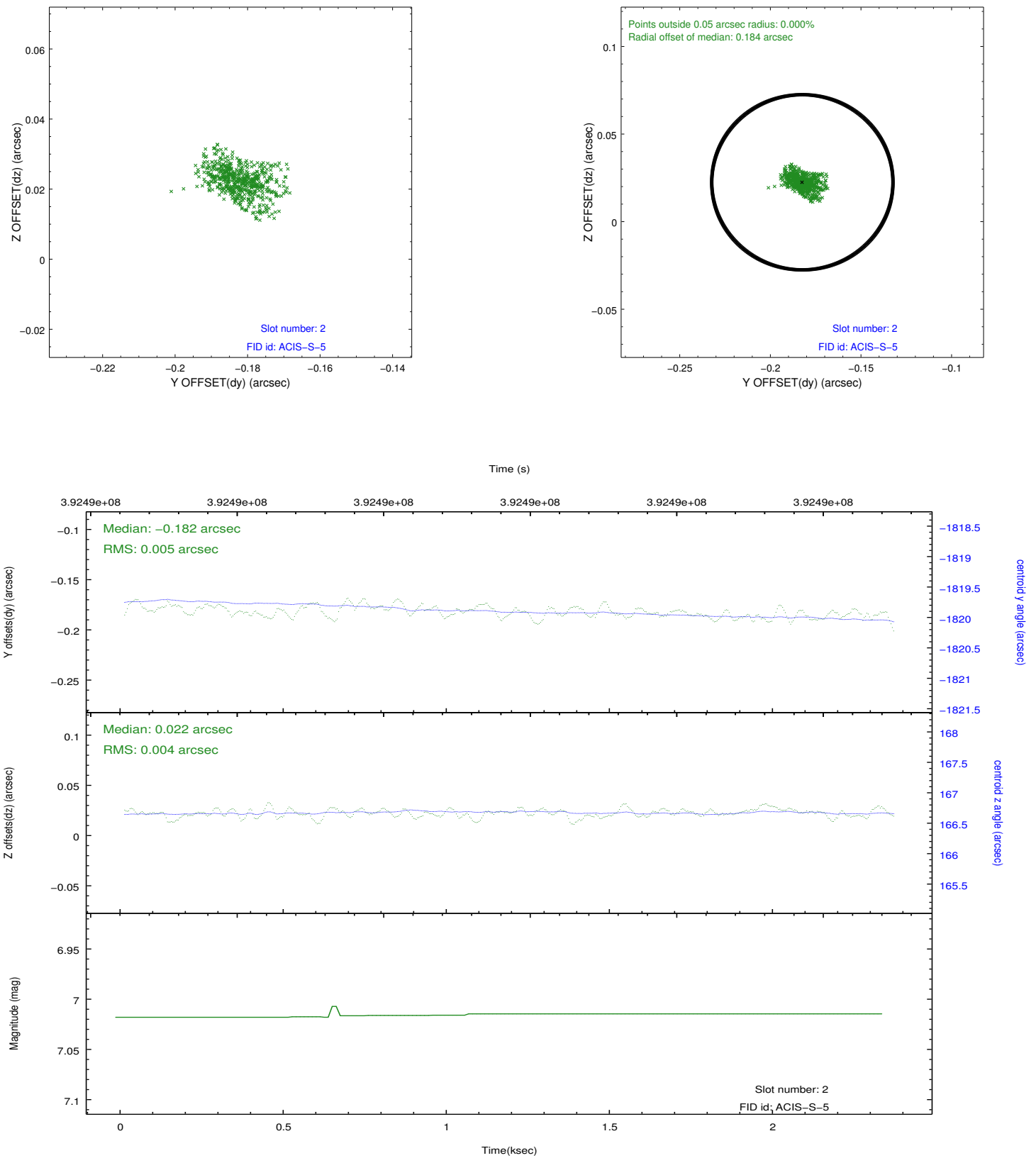
2.5.1 Slot 0



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)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.033599878788

A.2 Comments