

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11612 - L2 Version 2
Chandra X-Ray Center

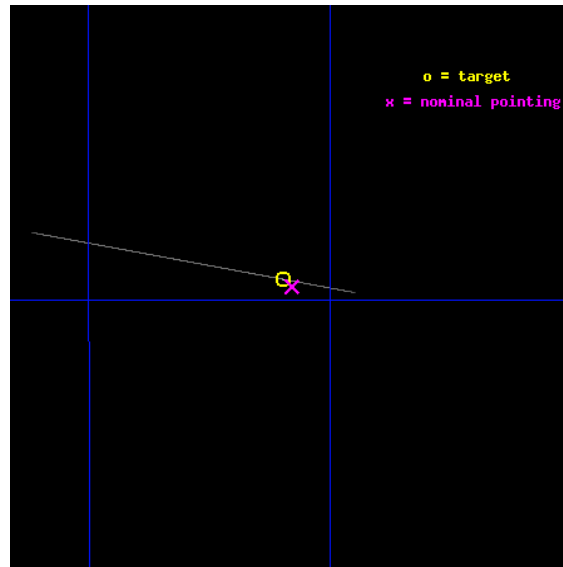
L2 Processing Date : Jun 26 2012

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1 Front

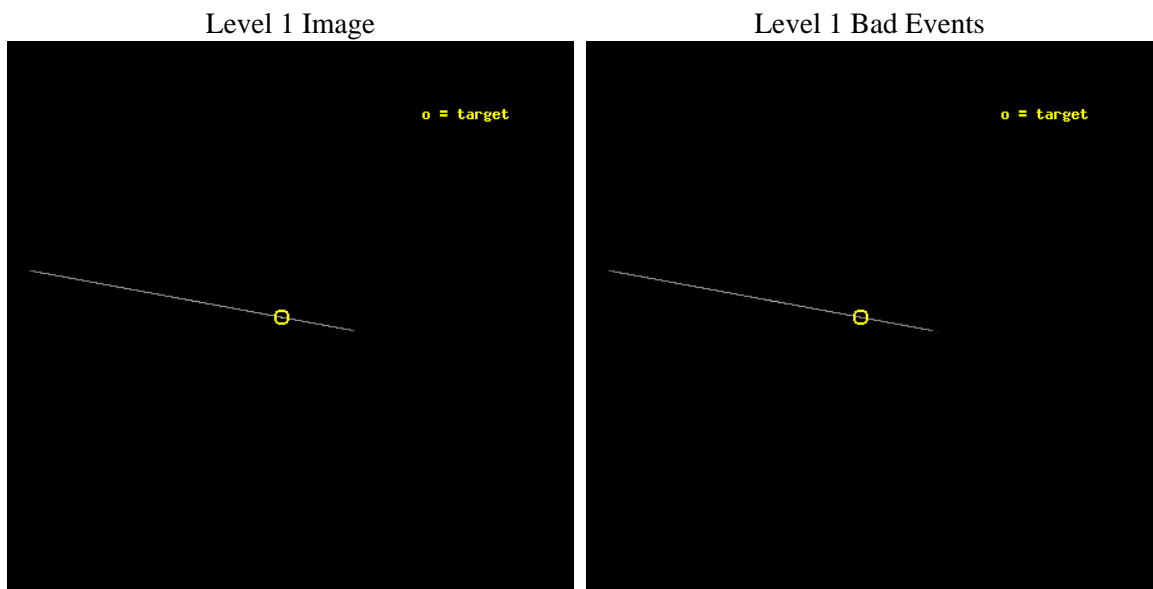
seq_num	702198	Sequence number
obs_id	11612	Observation id
title	The nature of the variable X-ray absorber in ESO 362-G18	Proposal
observer	Giovanni Miniutti	Principal investigator
object	ESO 362-G18	Source name
ra_targ	79.899167	Observer's specified target RA [deg]
dec_targ	-32.657778	Observer's specified target Dec [deg]
ra_nom	79.894900491649	Nominal RA [deg]
dec_nom	-32.661062642149	Nominal Dec [deg]
roll_nom	190.36824138281	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10178.5	Sum of GTIs [s]
livetime	10138.740234375	Livetime [s]
ontime7	10178.5	Sum of GTIs [s]
l2events	67160	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	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10178.5	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	10178.5	Sum of GTIs [s]
date	2012-06-26T15:01:07	Date and time of file creation	l1events	164309	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

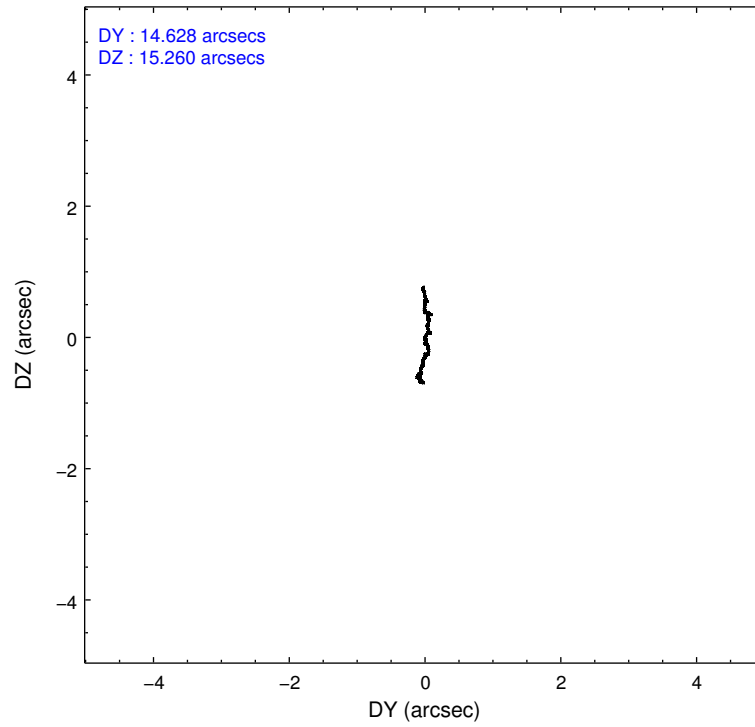
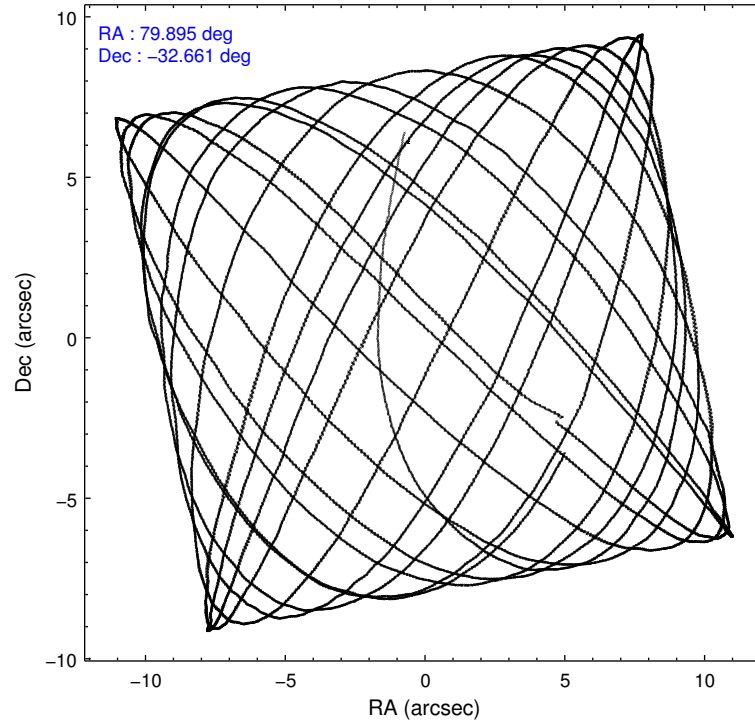
	ccd 7
level 1 events	164309
rejected events	95040
rejected %	57%

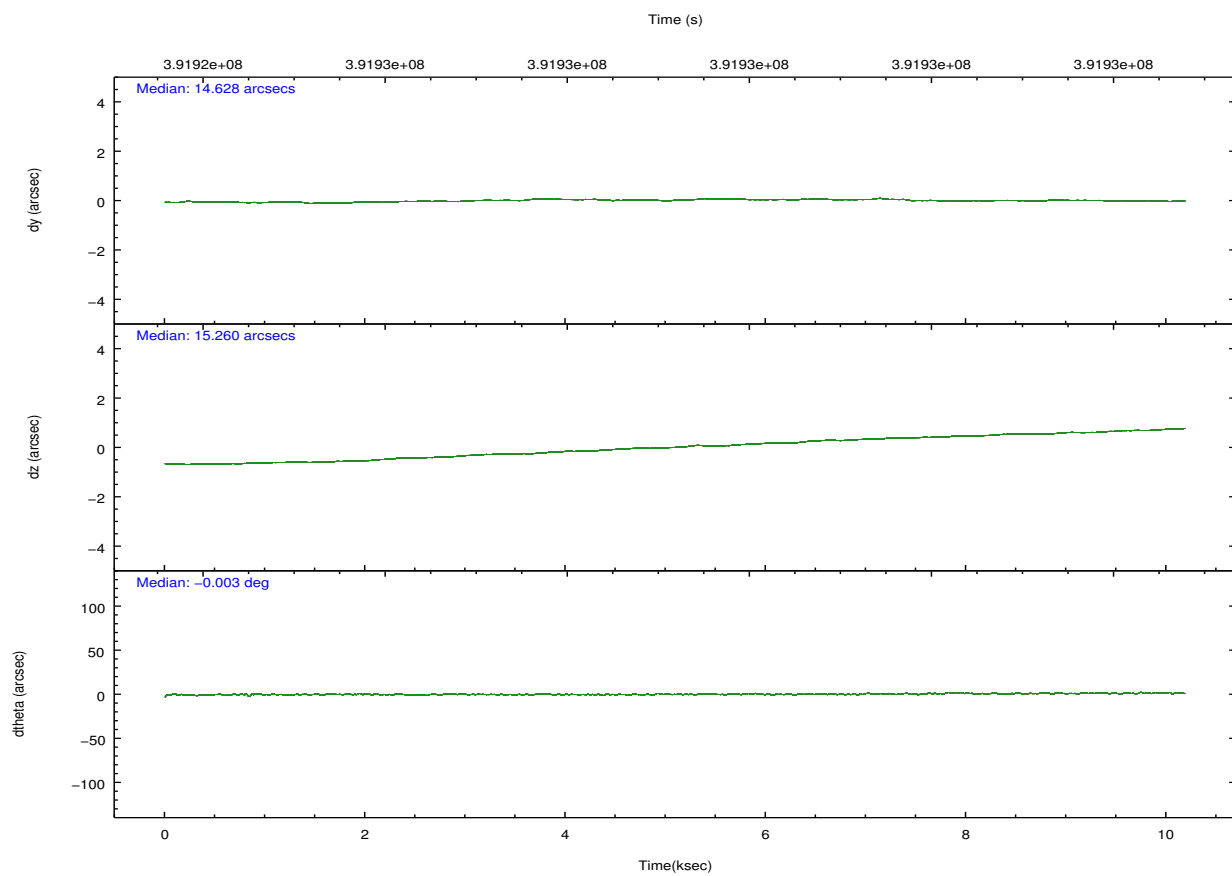
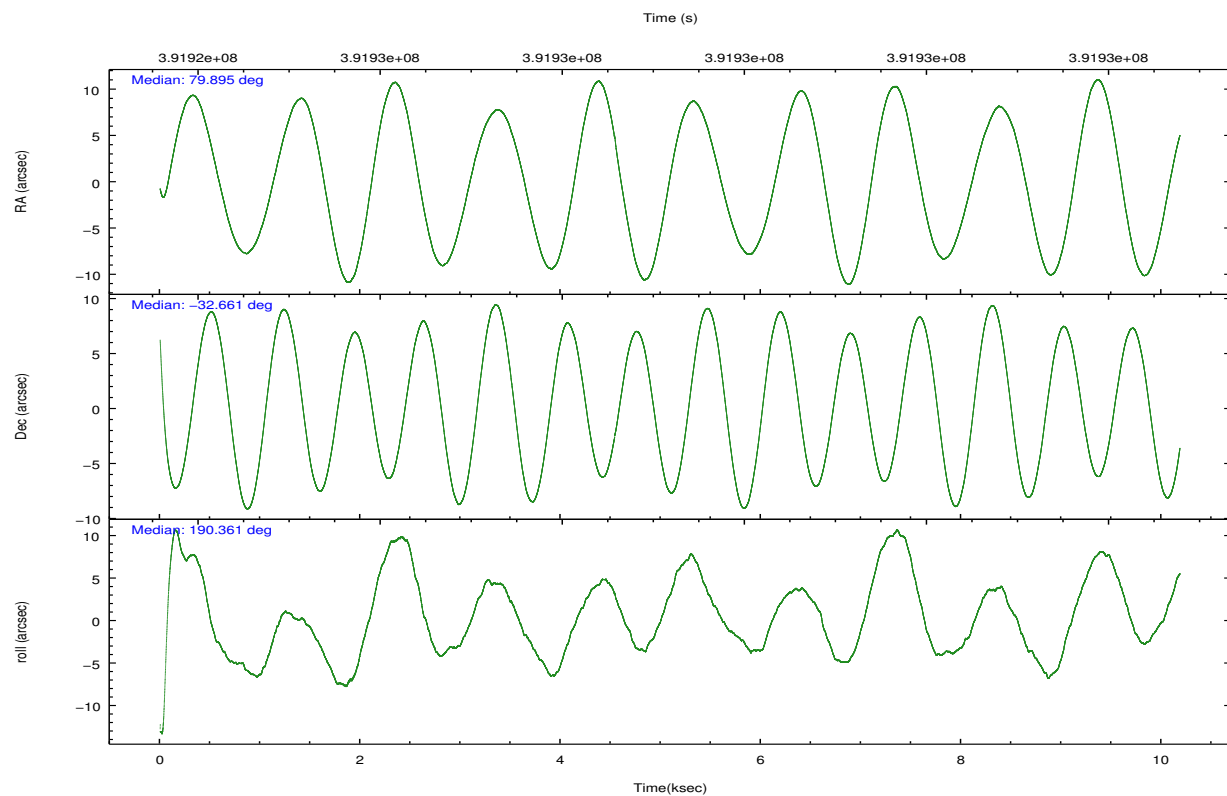
	ccd 7
grade 0 events	11575
	7%
grade 1 events	163
	0%
grade 2 events	18291
	11%
grade 3 events	5166
	3%
grade 4 events	5021
	3%
grade 5 events	9735
	5%
grade 6 events	29582
	18%
grade 7 events	84776
	51%

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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	79.919337	79.89490049164885	Subarray requested	NONE	NONE
[deg] Pointing Dec	-32.643027	-32.6610626421487	Alternating exposures requested	N	N
[deg] Pointing Roll	190.224830	190.3682413828058	[s] Primary exposure time	0.000000	0
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	391924287.184000	391923066.32082			
Observation start date	2010-06-03T03:50:21	2010-06-03T03:31:06			
[s] Observation end time (MET)	391934287.184000	391934811.28392			
Observation end date	2010-06-03T06:37:01	2010-06-03T06:46:51			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



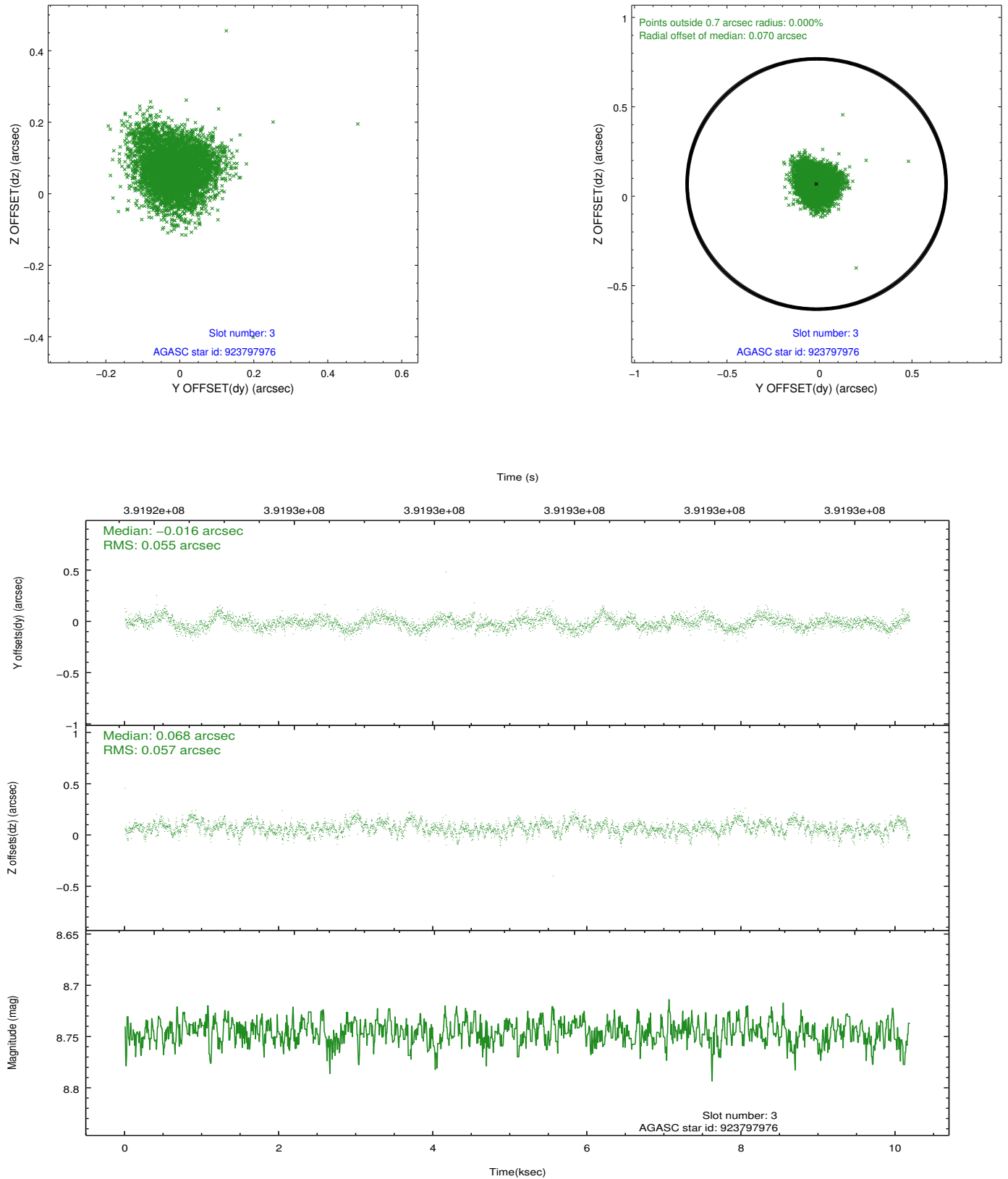


Slot Statistics

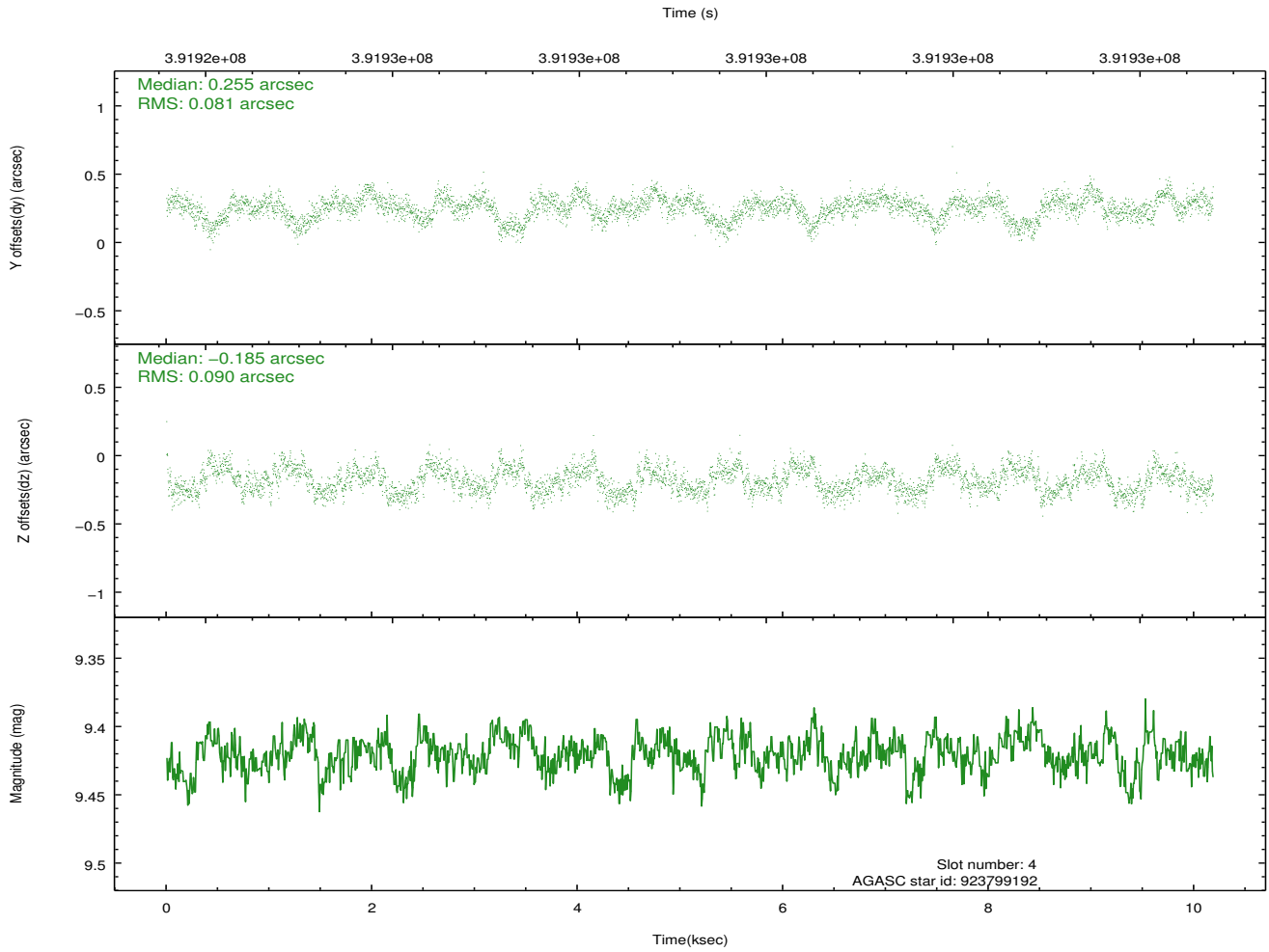
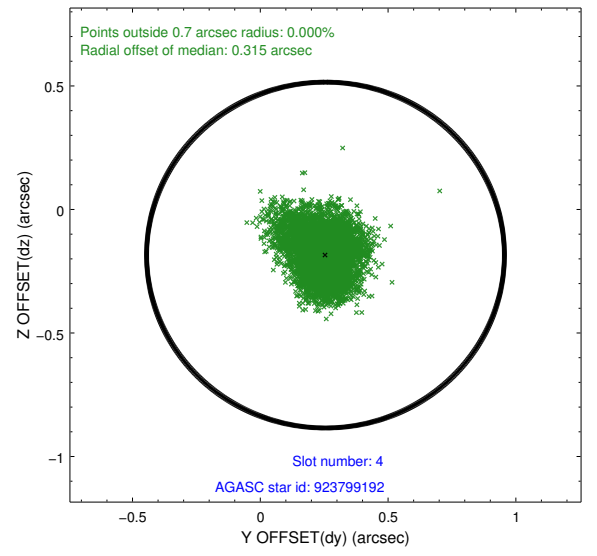
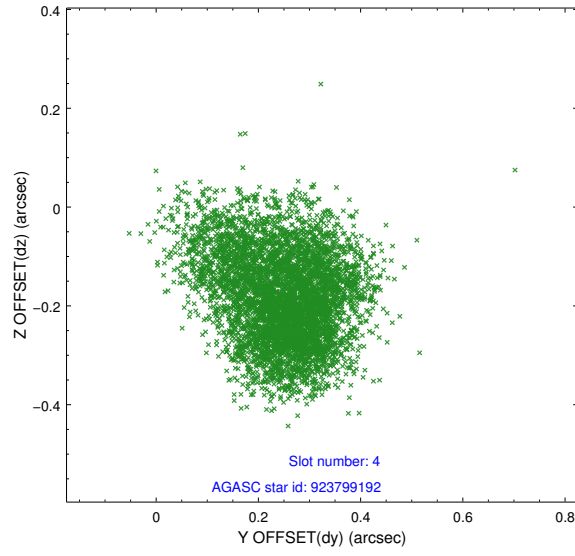
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	2484	-0.121	-0.077	0.008	0.016	0.000000	0.000000	-767.74	-1736.71
1	FID	ACIS-S-4	7.00	2484	0.120	0.070	0.007	0.012	0.000000	0.000000	2145.58	171.32
2	FID	ACIS-S-6	7.14	2484	-0.026	0.015	0.009	0.016	0.000000	0.000000	395.05	809.29
3	GUIDE	923797976	8.75	4966	-0.016	0.068	0.084	0.137	79.531597	-32.443563	1032.63	-913.27
4	GUIDE	923799192	9.42	4962	0.255	-0.185	0.130	0.207	79.870361	-32.401884	-6.71	-880.89
5	GUIDE	924192160	9.62	4937	-0.021	-0.172	0.121	0.198	80.704633	-33.135158	-2013.79	2172.07
6	GUIDE	923797728	8.59	4968	-0.167	0.151	0.075	0.120	79.694448	-31.988137	257.48	-2440.52
7	GUIDE	923799280	9.17	4959	-0.047	0.132	0.102	0.169	80.234023	-31.921546	-1406.54	-2384.38

2.4 Star Slots

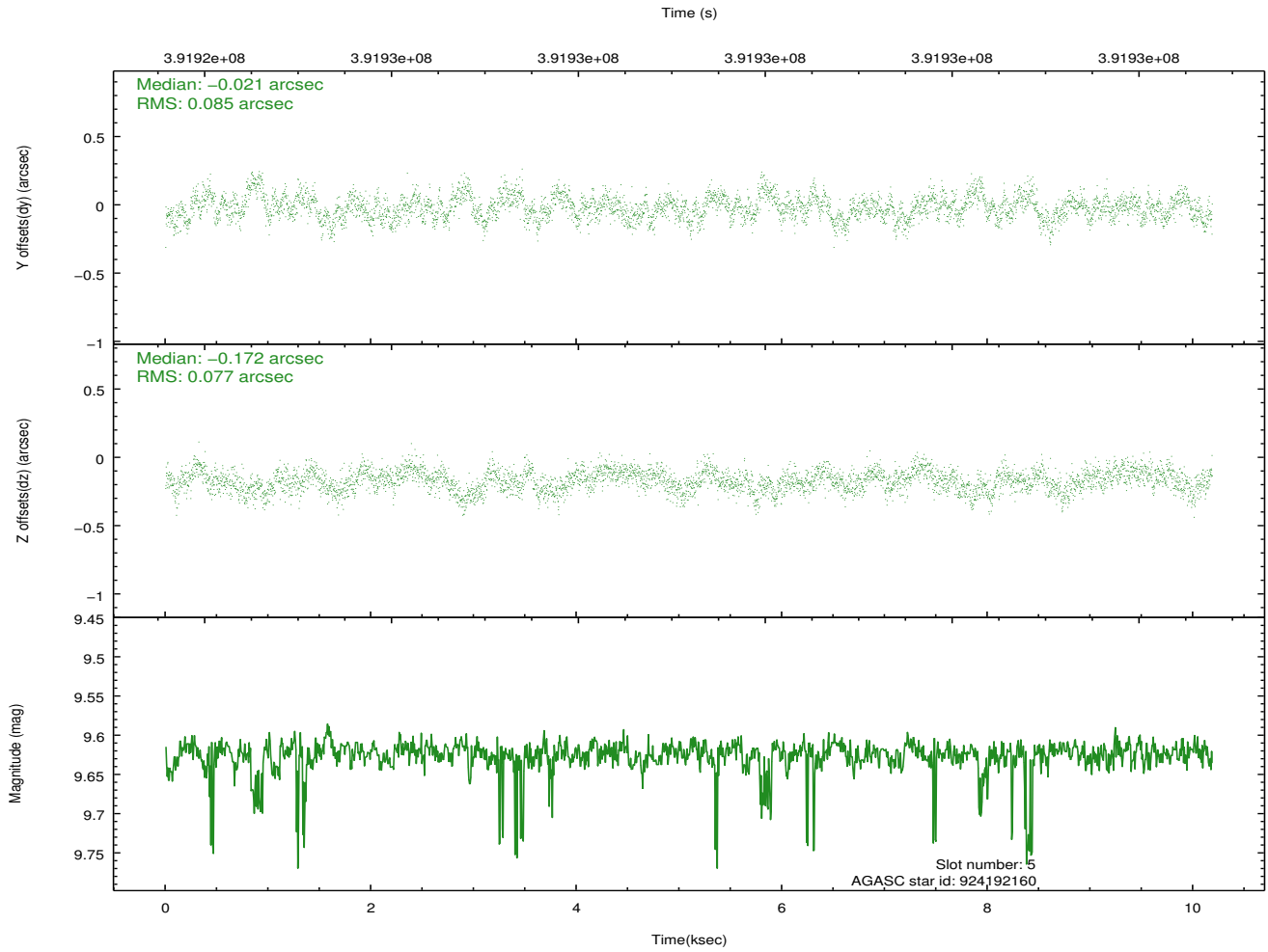
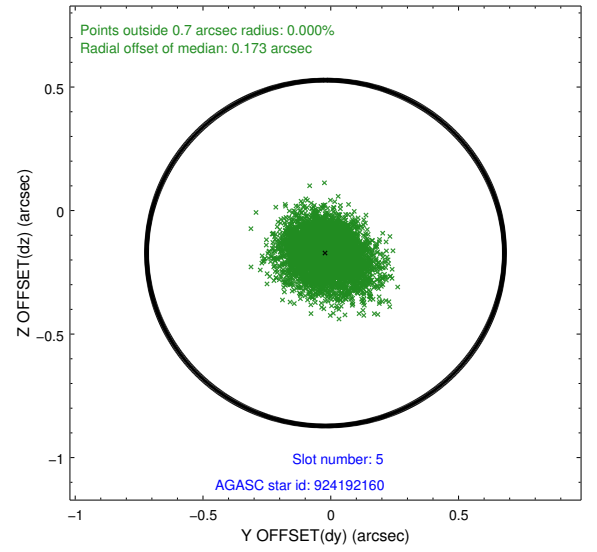
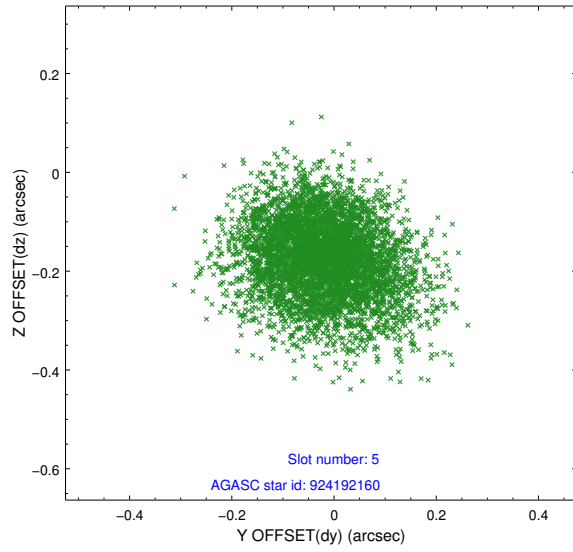
2.4.1 Slot 3



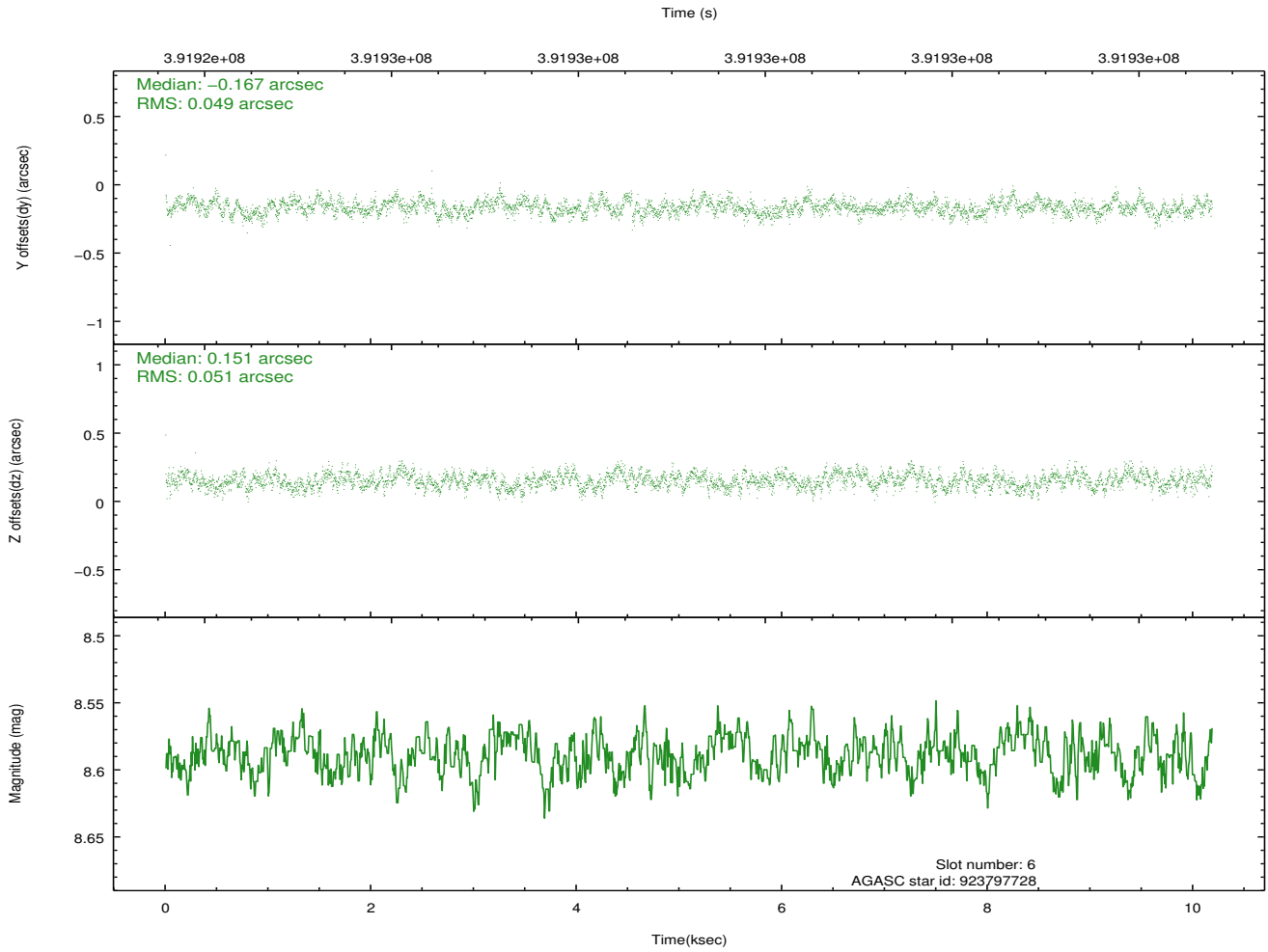
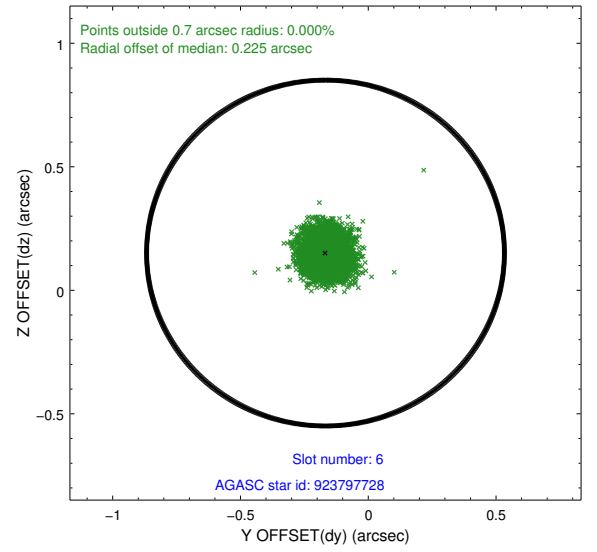
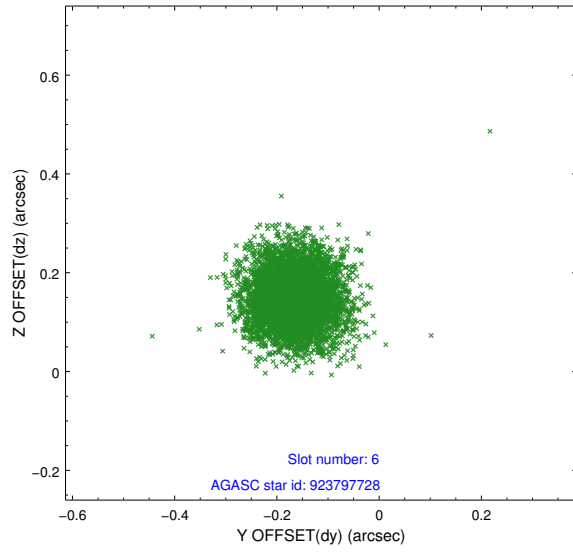
2.4.2 Slot 4



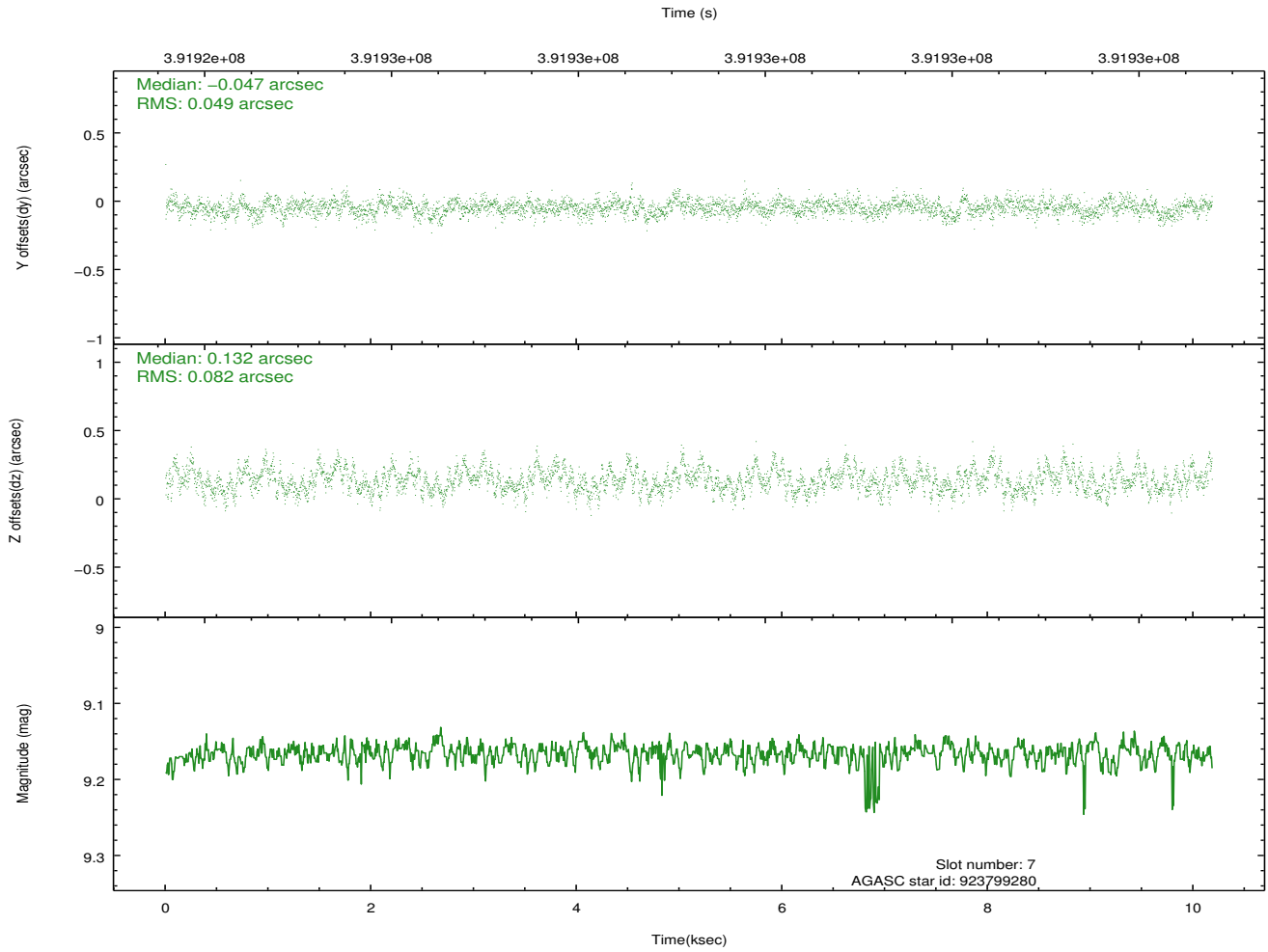
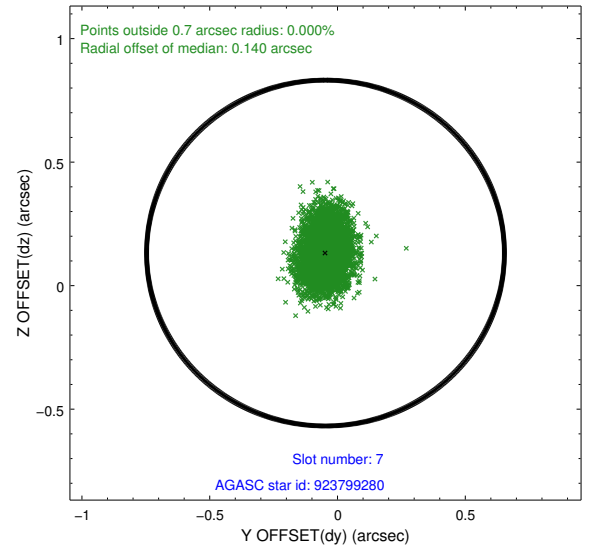
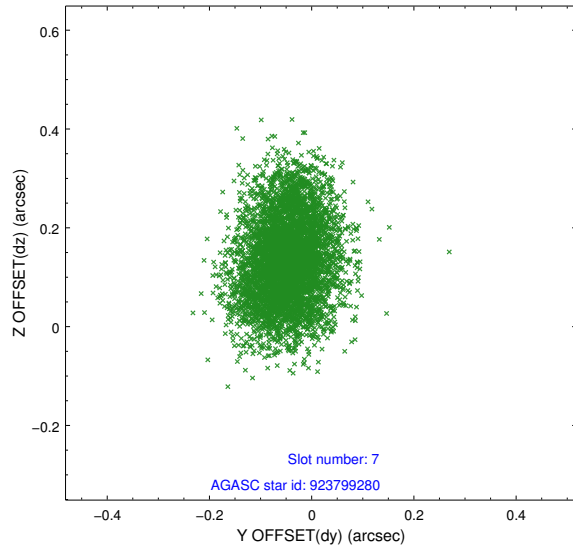
2.4.3 Slot 5



2.4.4 Slot 6

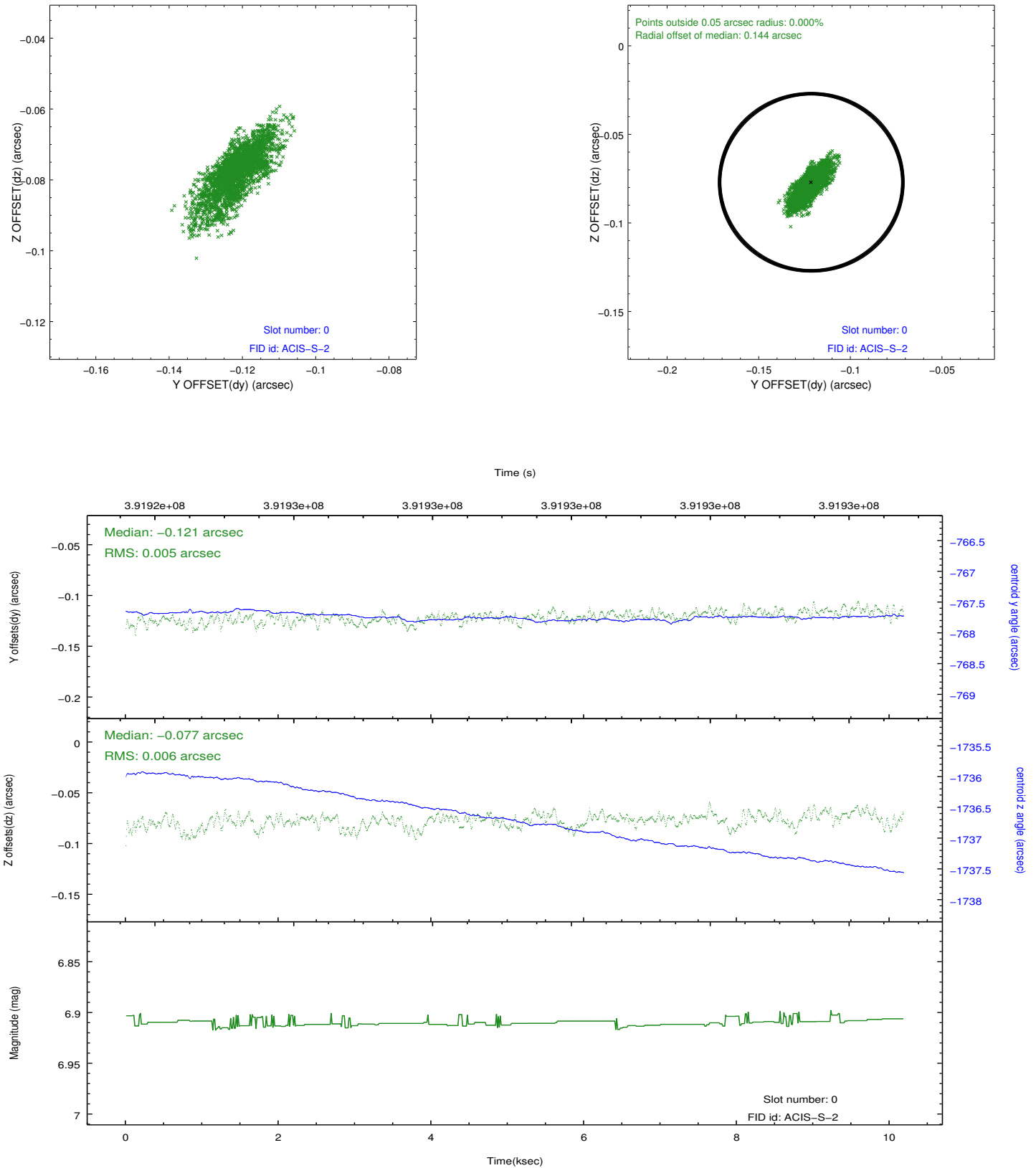


2.4.5 Slot 7

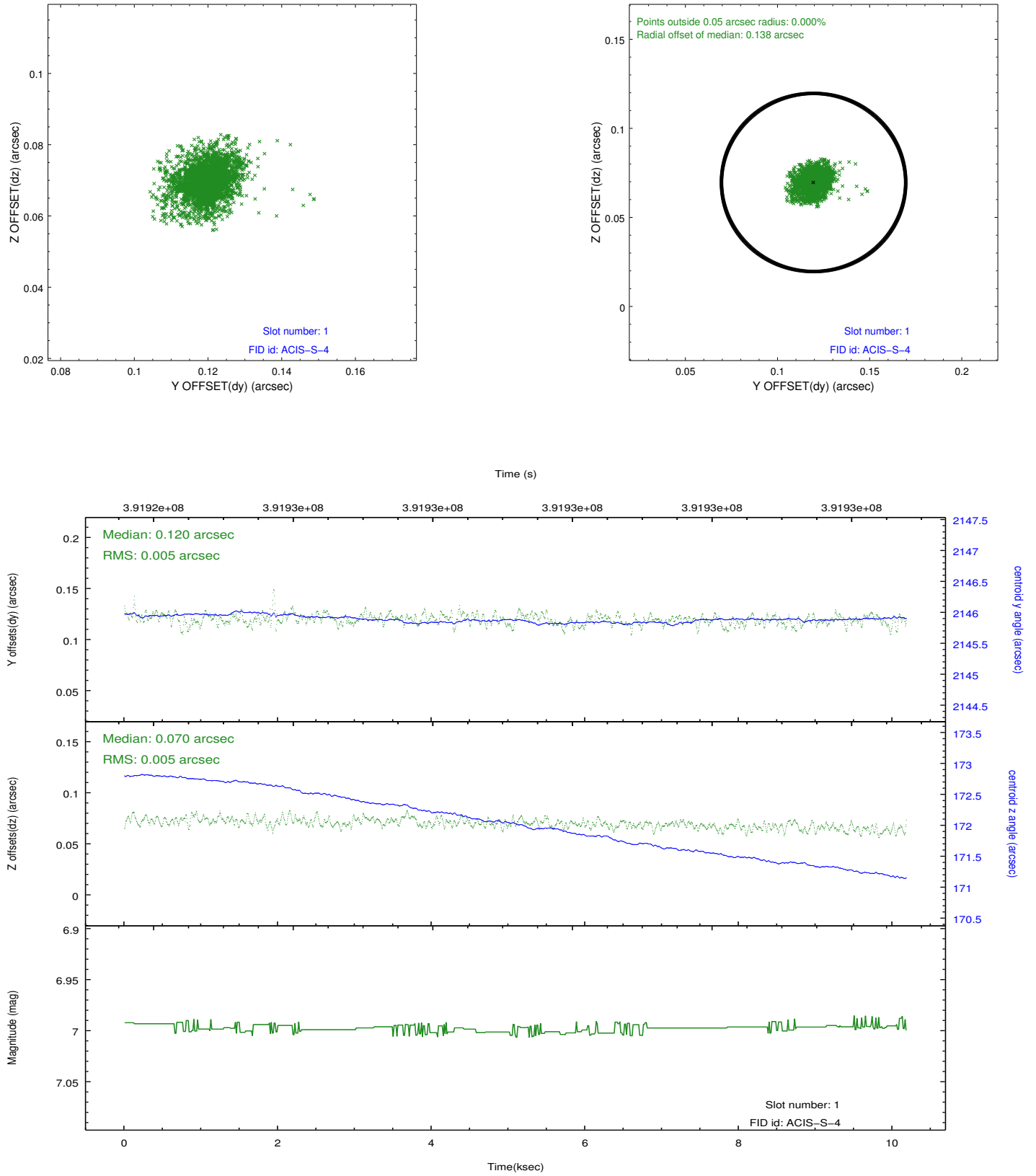


2.5 FID Slots

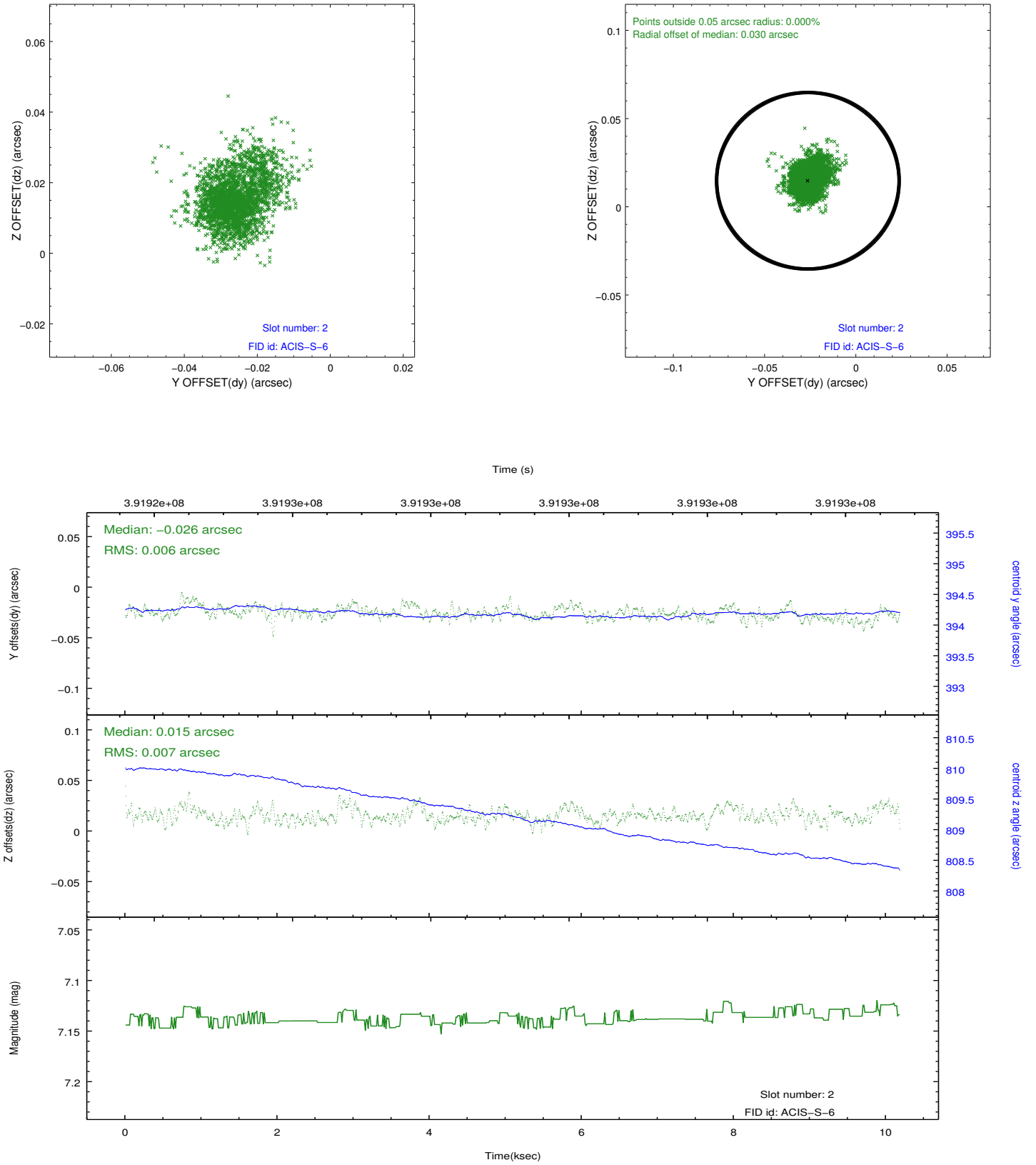
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.1785

A.2 Comments