

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11004 - L2 Version 2
Chandra X-Ray Center

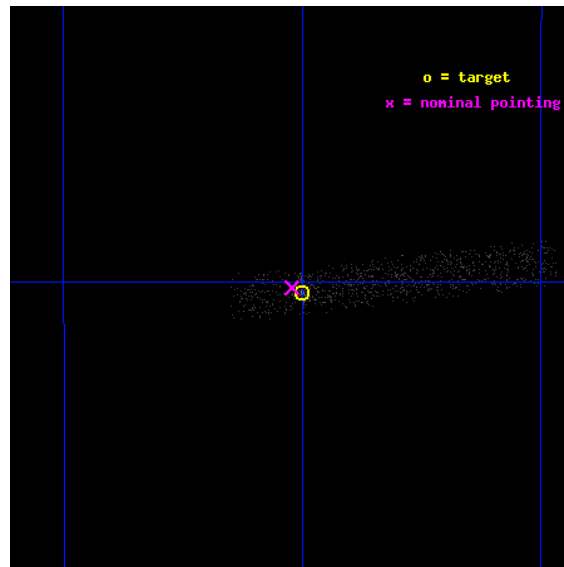
L2 Processing Date : Jun 22 2012

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1 Front

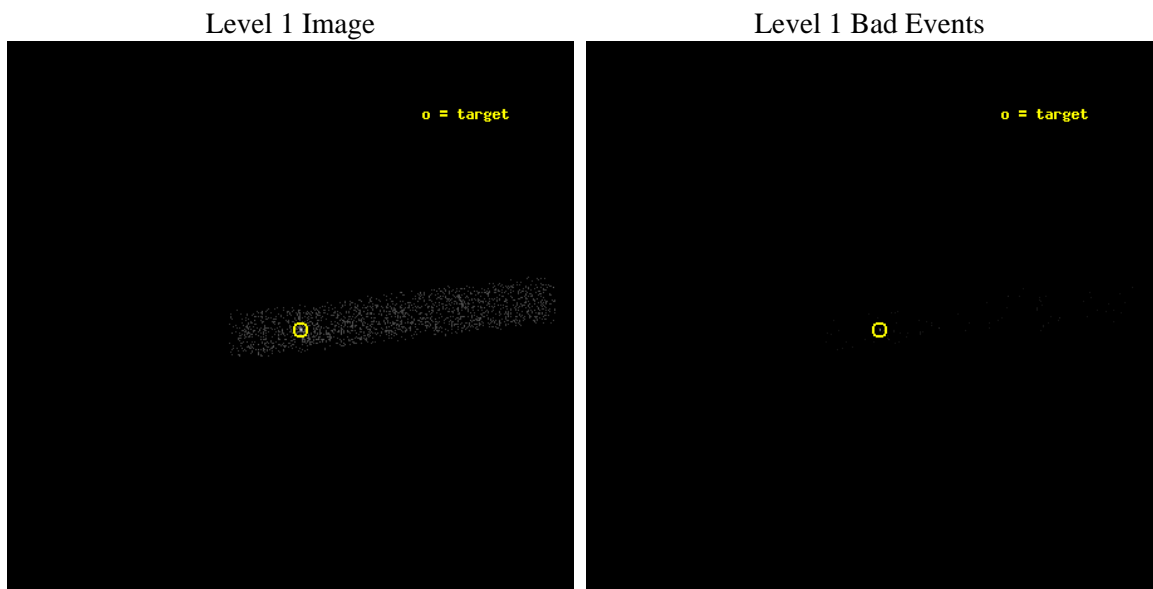
seq_num	200635	Sequence number
obs_id	11004	Observation id
title	NeII as a Tracer for X-Rays in Disks Around T Tauri Stars	Proposal
observer	Prof. Manuel Guedel	Principal investigator
object	TWA 7	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.625417	Observer's specified target RA [deg]
dec_targ	-33.671167	Observer's specified target Dec [deg]
ra_nom	160.63058432886	Nominal RA [deg]
dec_nom	-33.669265198559	Nominal Dec [deg]
roll_nom	353.40170908422	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1609.5040956736	Sum of GTIs [s]
livetime	1459.7352581839	Livetime [s]
ontime7	1609.5040956736	Sum of GTIs [s]
l2events	2107	Number of level 2 events



2 OBI

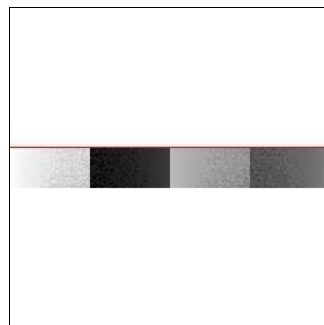
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1600.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1609.5040956736	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	1609.5040956736	Sum of GTIs [s]
date	2012-06-22T03:52:28	Date and time of file creation	l1events	3262	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

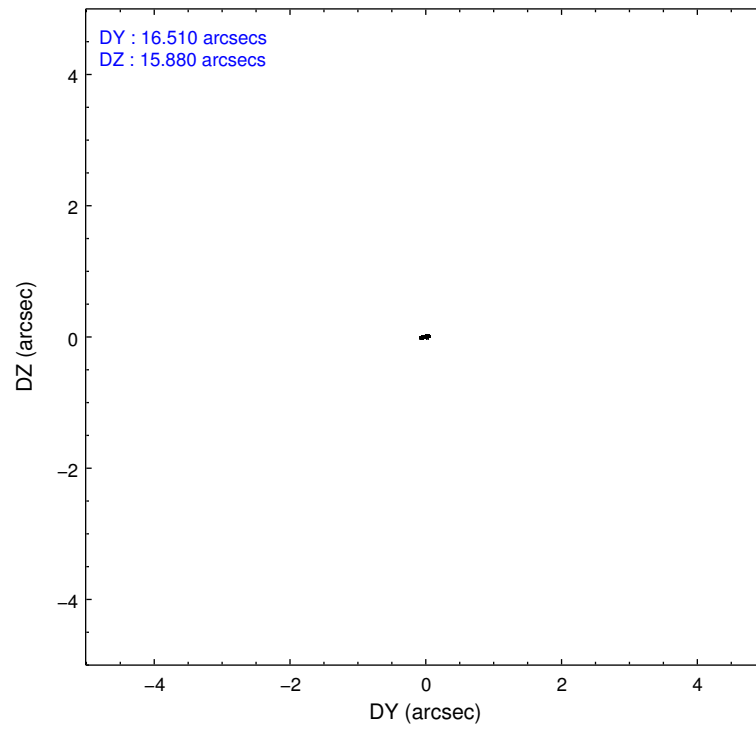
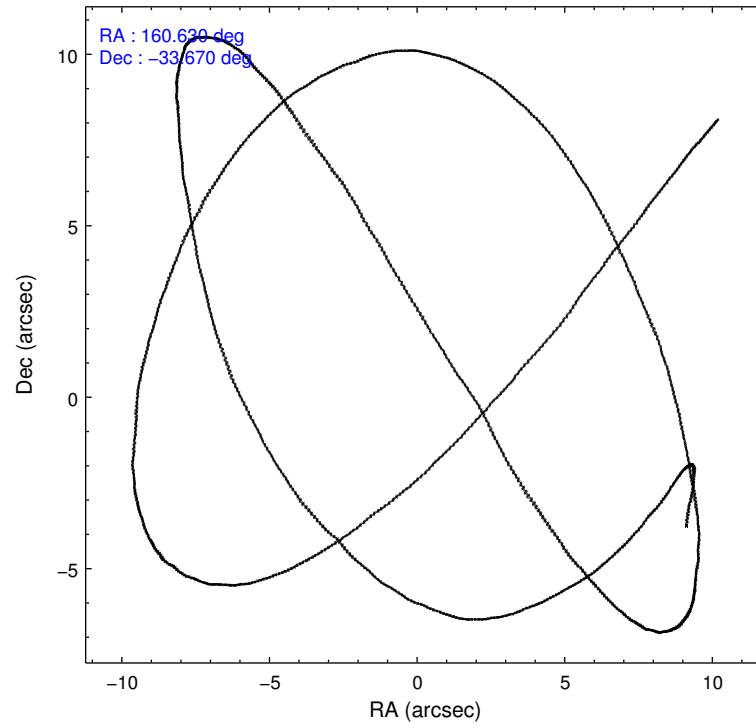
	ccd 7
level 1 events	3262
rejected events	1116
rejected %	34%

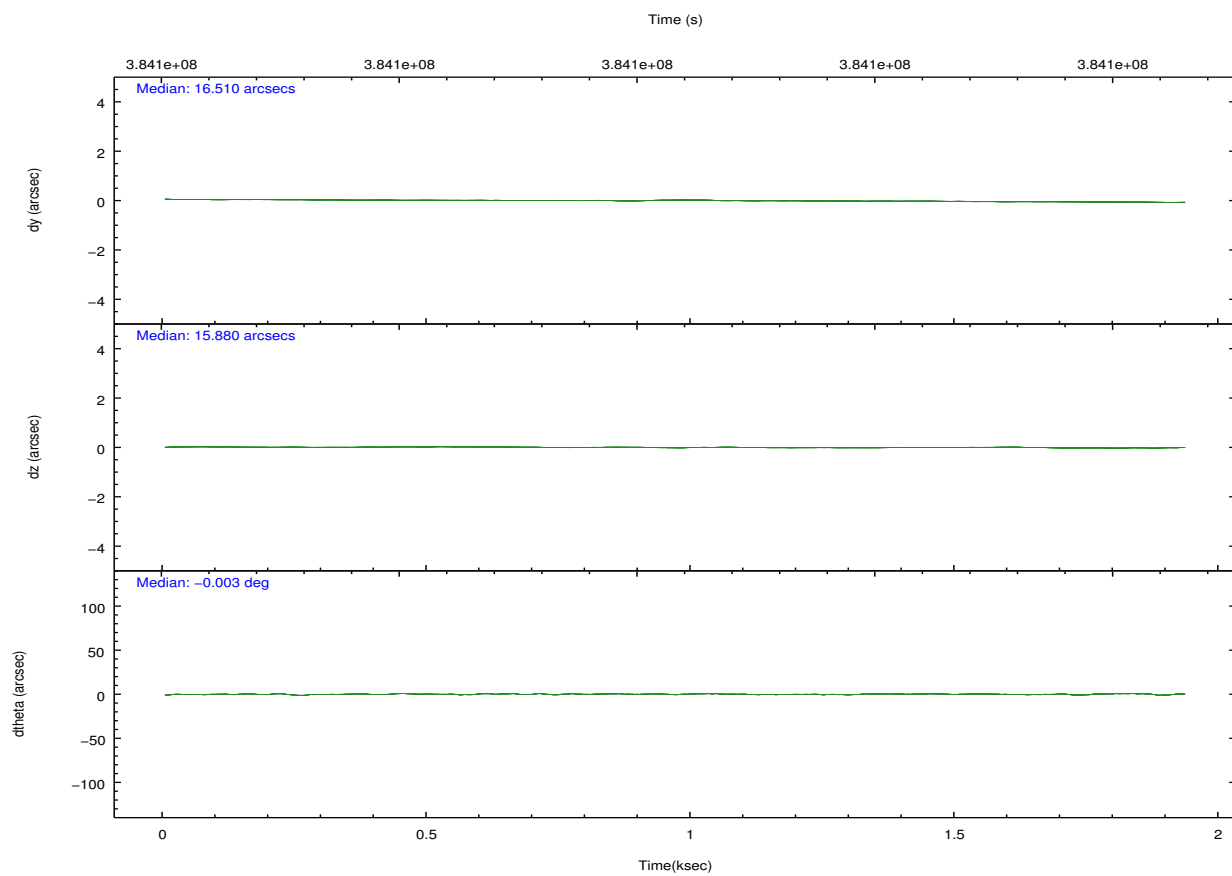
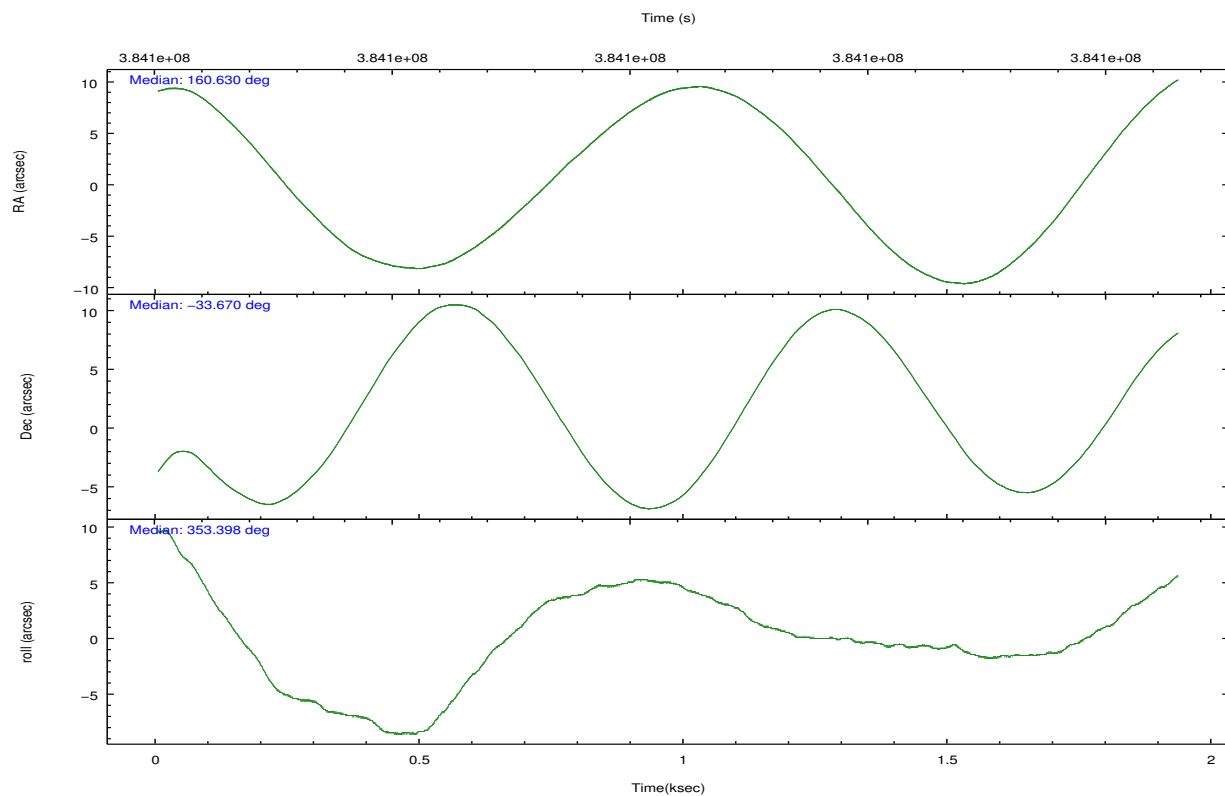
	ccd 7
grade 0 events	500
	15%
grade 1 events	17
	0%
grade 2 events	511
	15%
grade 3 events	244
	7%
grade 4 events	249
	7%
grade 5 events	227
	6%
grade 6 events	644
	19%
grade 7 events	870
	26%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	160.600726	160.6305843288571	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-33.680311	-33.6692651985593	Subarray start row	449	449
[deg] Pointing Roll	353.228478	353.4017090842177	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)	384099442.184000	384098097.02304			
Observation start date	2010-03-04T14:16:16	2010-03-04T13:54:57			
[s] Observation end time (MET)	384101042.184000	384101863.38573			
Observation end date	2010-03-04T14:42:56	2010-03-04T14:57:43			
Read mode	TIMED	TIMED			

2.3 Aspect



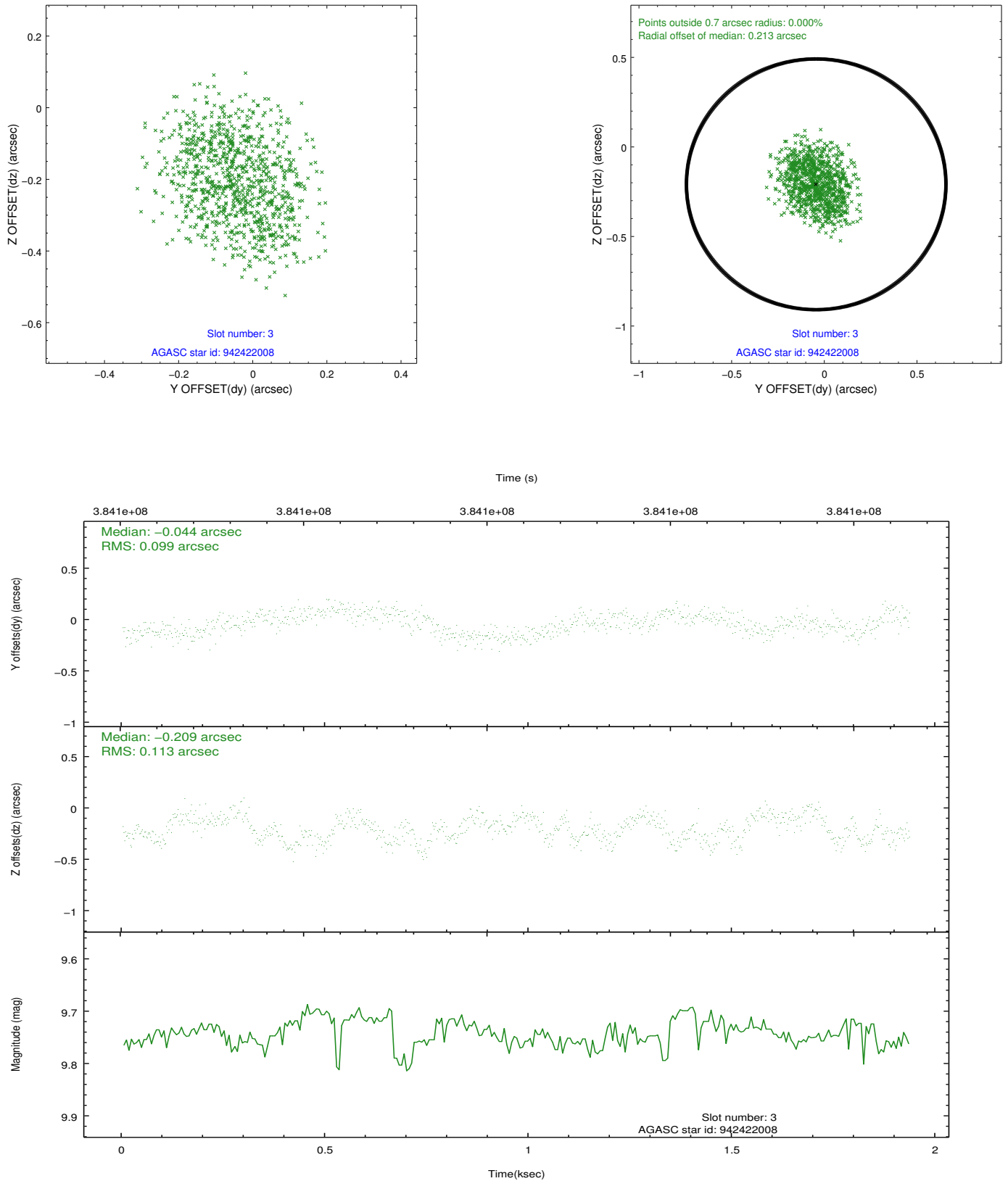


Slot Statistics

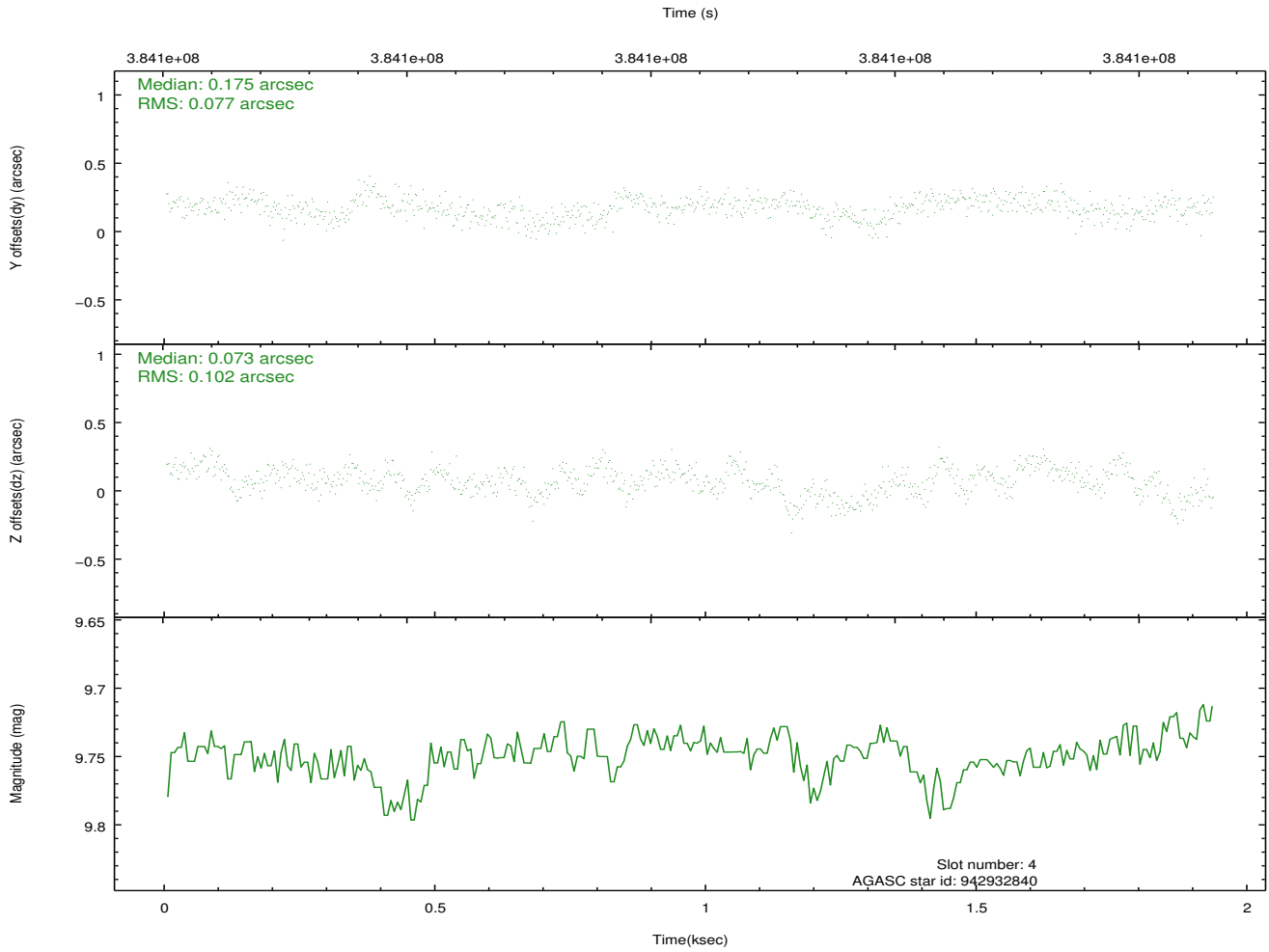
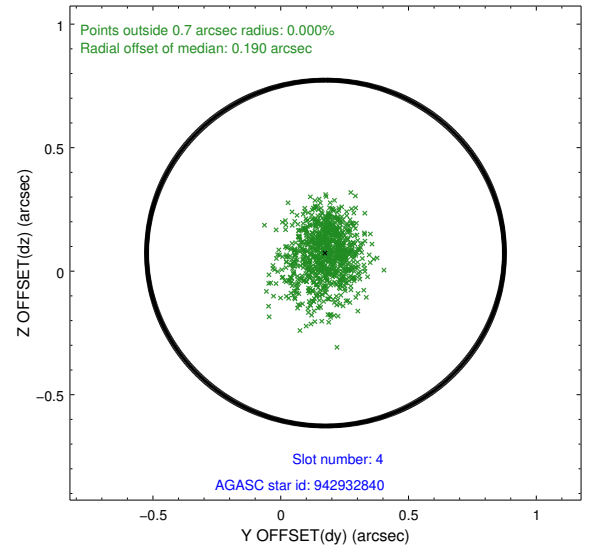
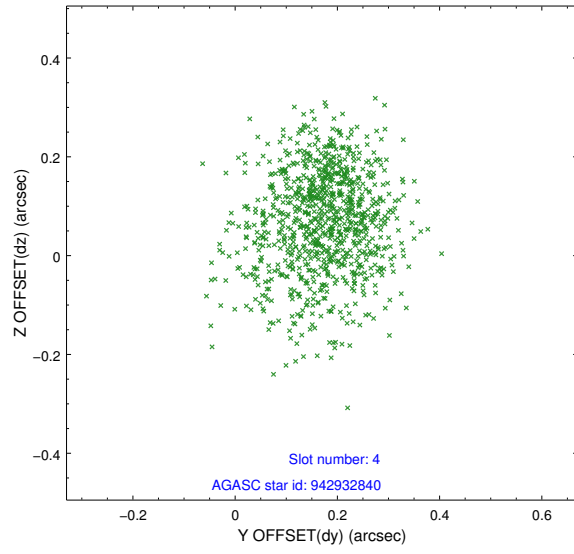
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.90	472	-0.110	-0.074	0.006	0.012	0.000000	0.000000	-769.64	-1737.35
1	FID	ACIS-S-4	6.98	472	0.155	0.043	0.006	0.010	0.000000	0.000000	2142.36	167.70
2	FID	ACIS-S-6	7.12	472	-0.072	0.038	0.007	0.013	0.000000	0.000000	396.74	808.97
3	GUIDE	942422008	9.74	939	-0.044	-0.209	0.165	0.246	160.917506	-33.413093	832.64	1066.33
4	GUIDE	942932840	9.75	944	0.175	0.073	0.134	0.221	159.956086	-34.147803	-1706.24	-1901.97
5	GUIDE	942946792	9.20	942	-0.164	0.134	0.119	0.184	161.051563	-34.257856	1576.37	-1910.32
6	GUIDE	942933864	8.23	944	0.172	-0.104	0.073	0.110	159.789454	-33.943060	-2291.18	-1235.79
7	GUIDE	942934984	9.64	940	-0.134	0.091	0.165	0.259	160.185444	-34.307973	-961.49	-2392.29

2.4 Star Slots

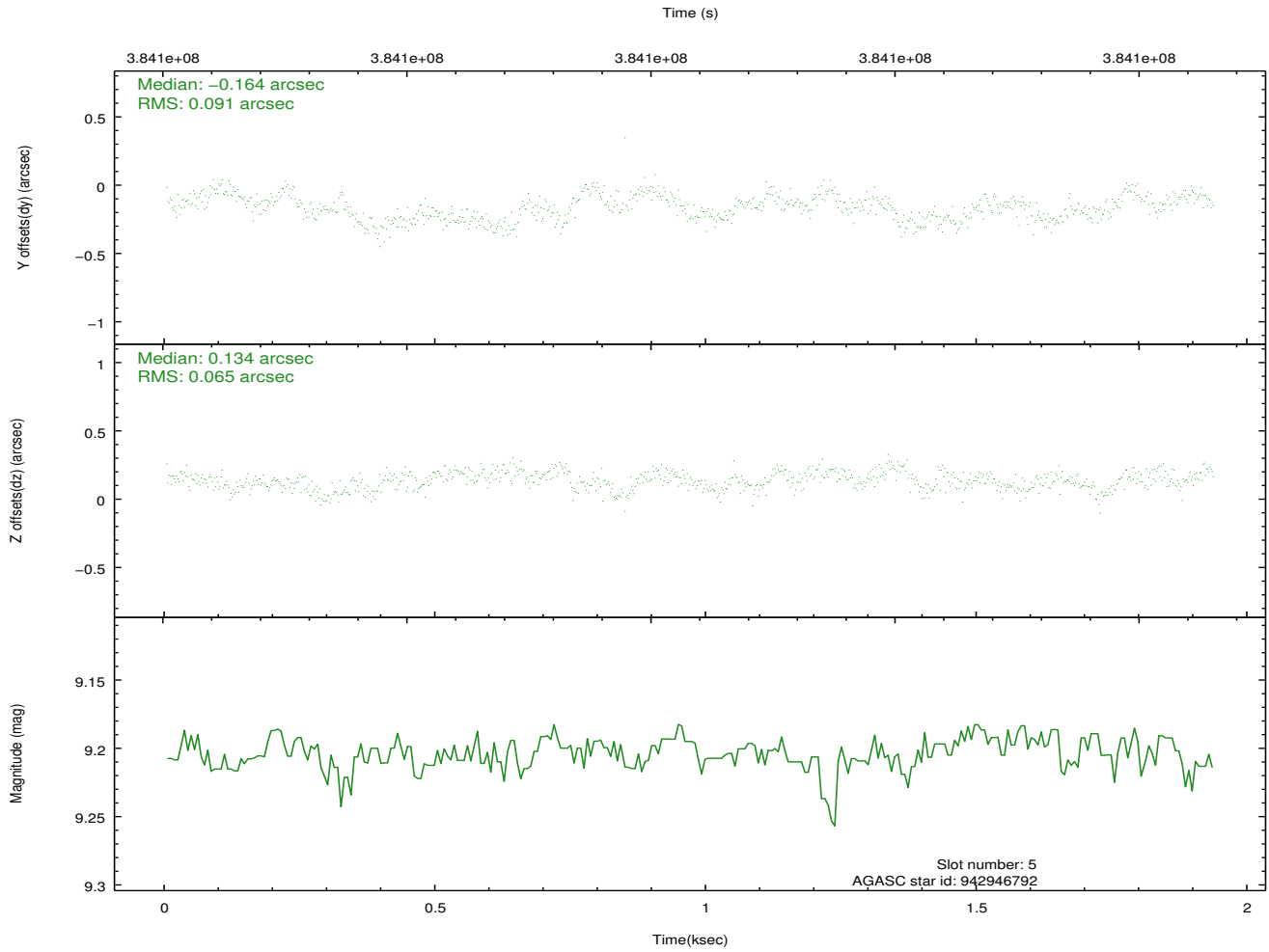
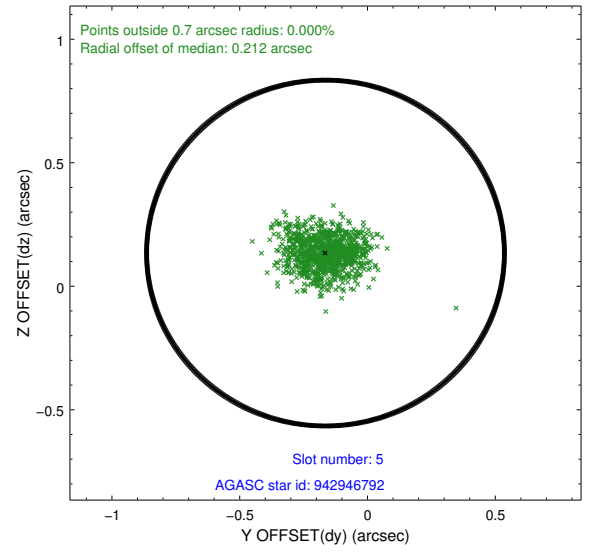
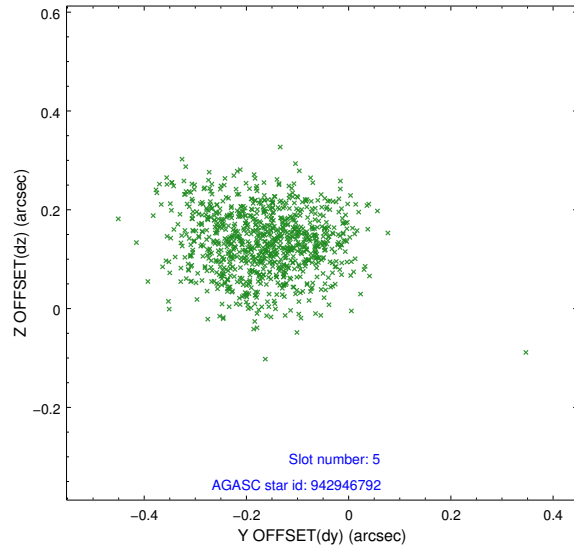
2.4.1 Slot 3



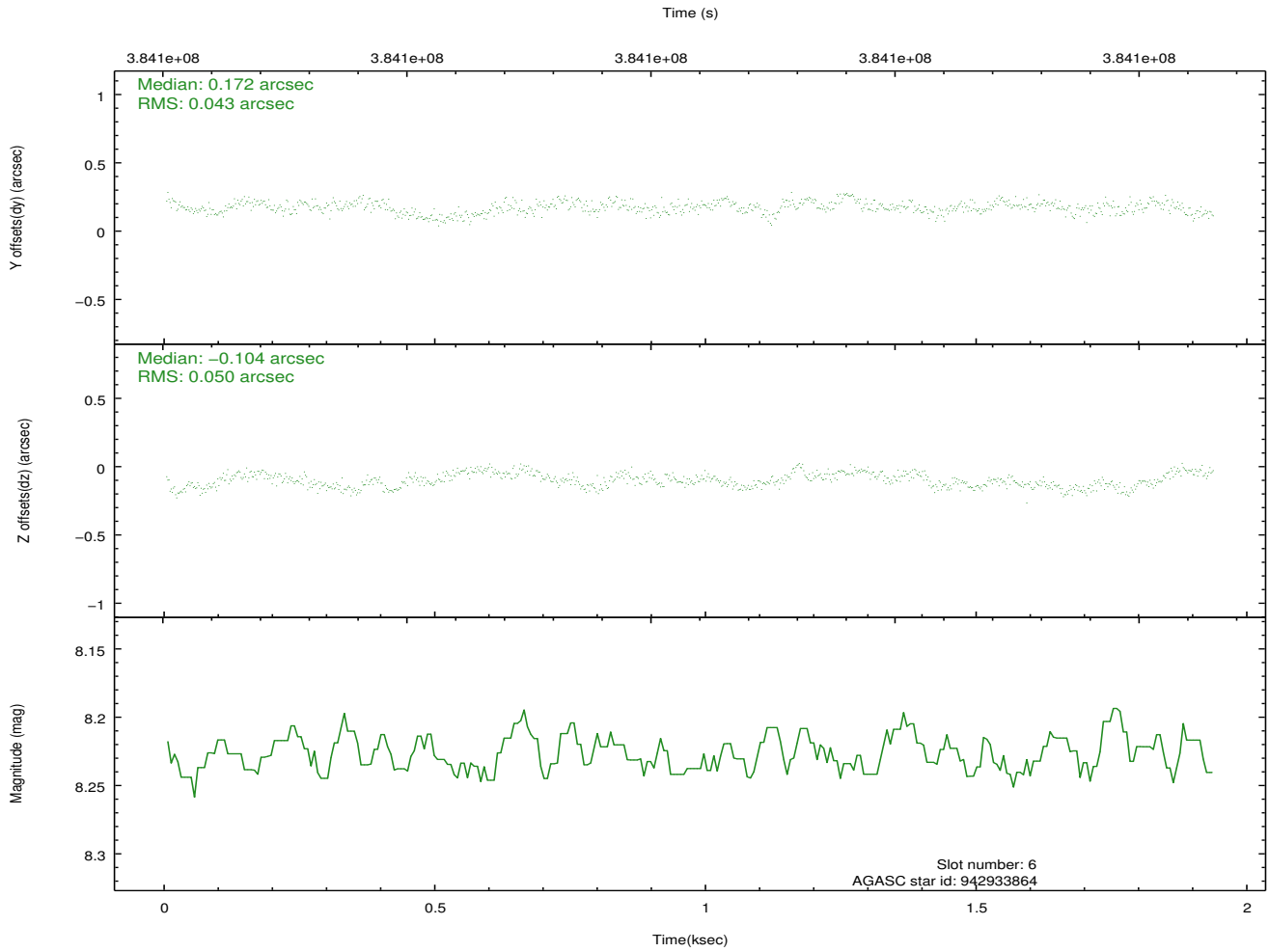
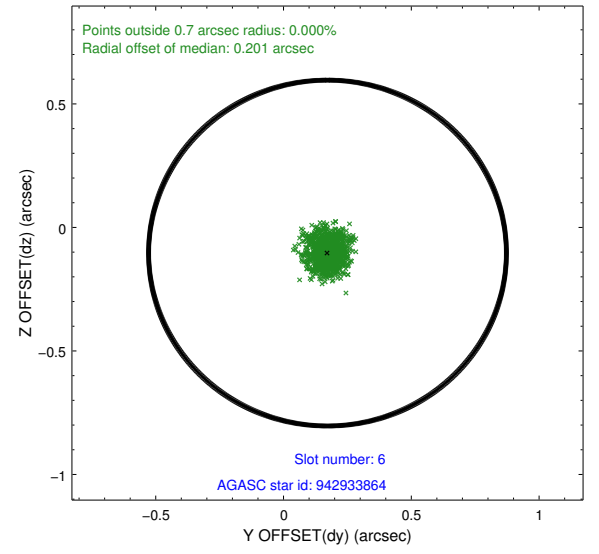
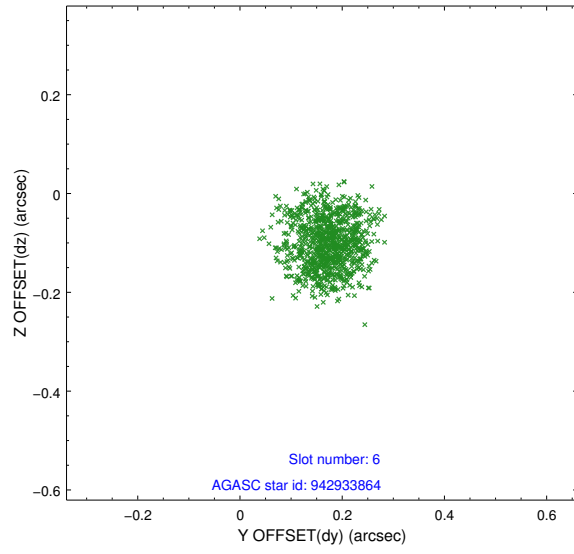
2.4.2 Slot 4



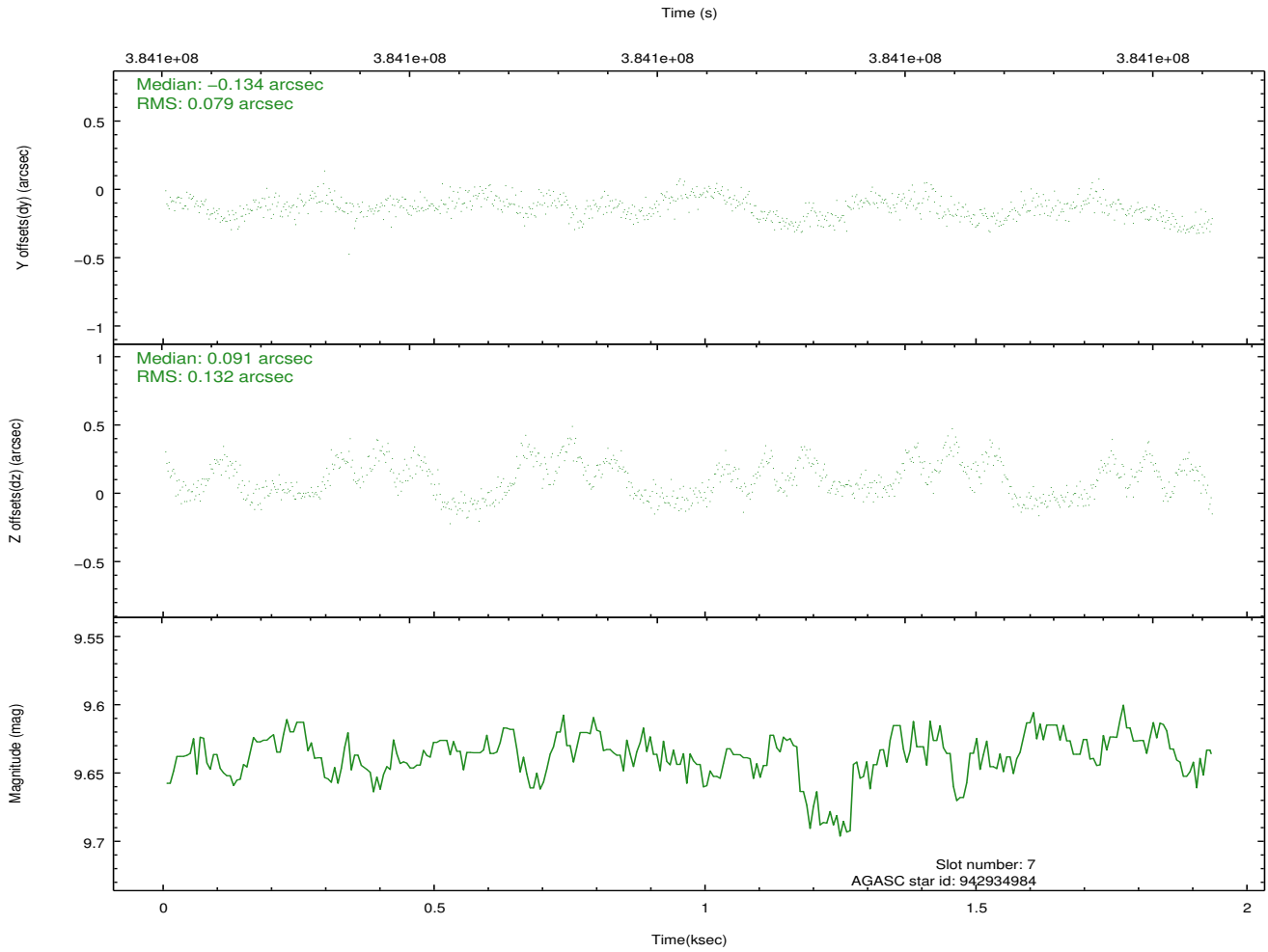
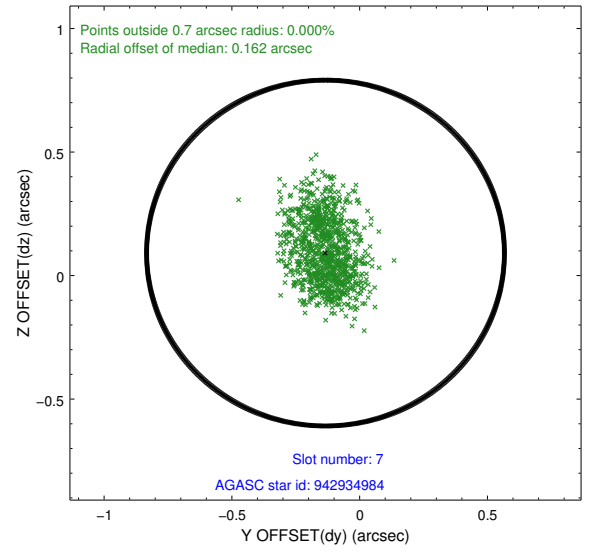
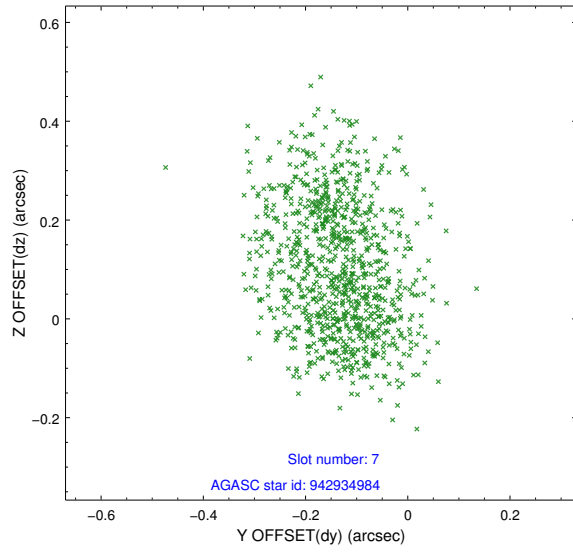
2.4.3 Slot 5



2.4.4 Slot 6

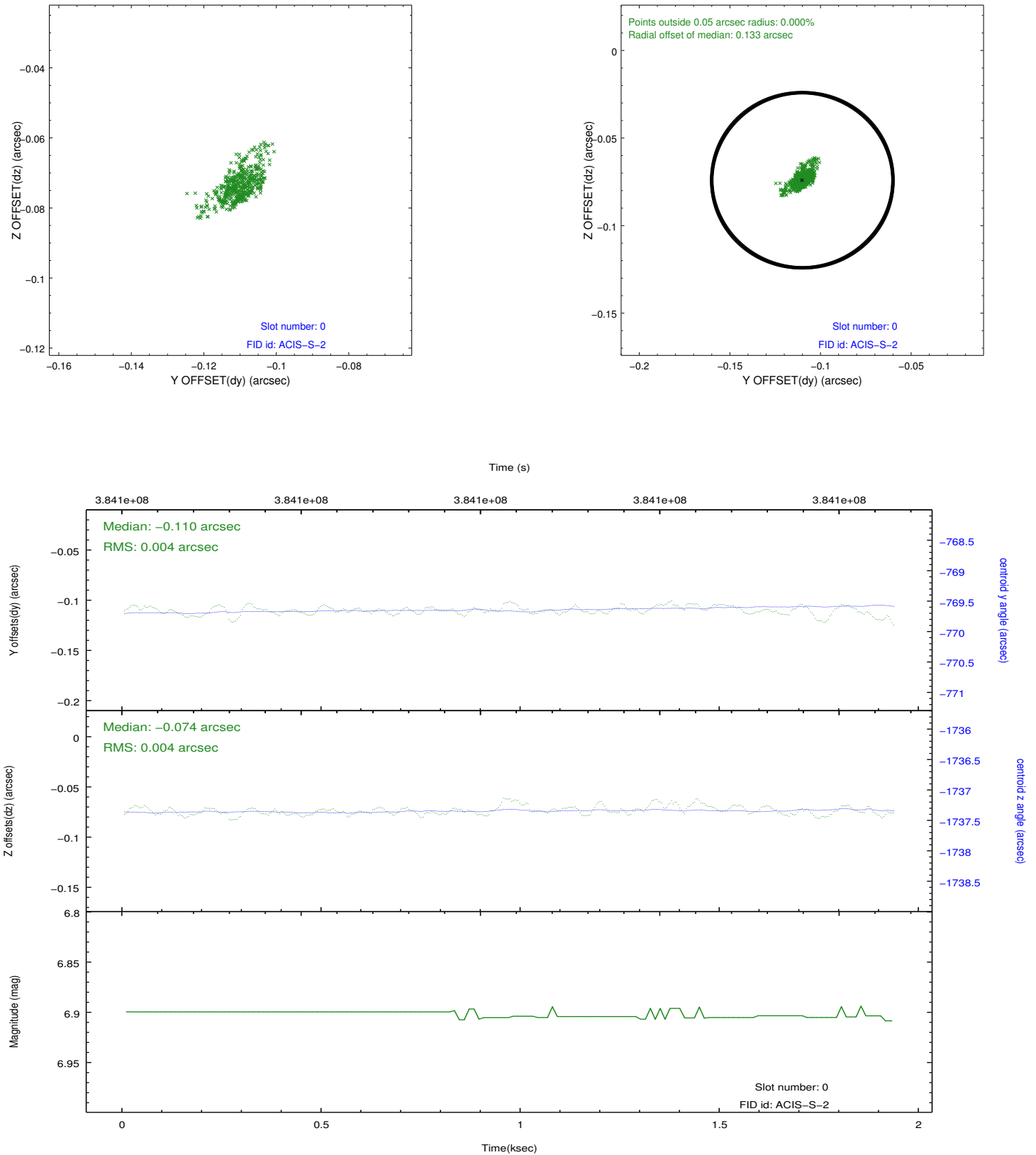


2.4.5 Slot 7

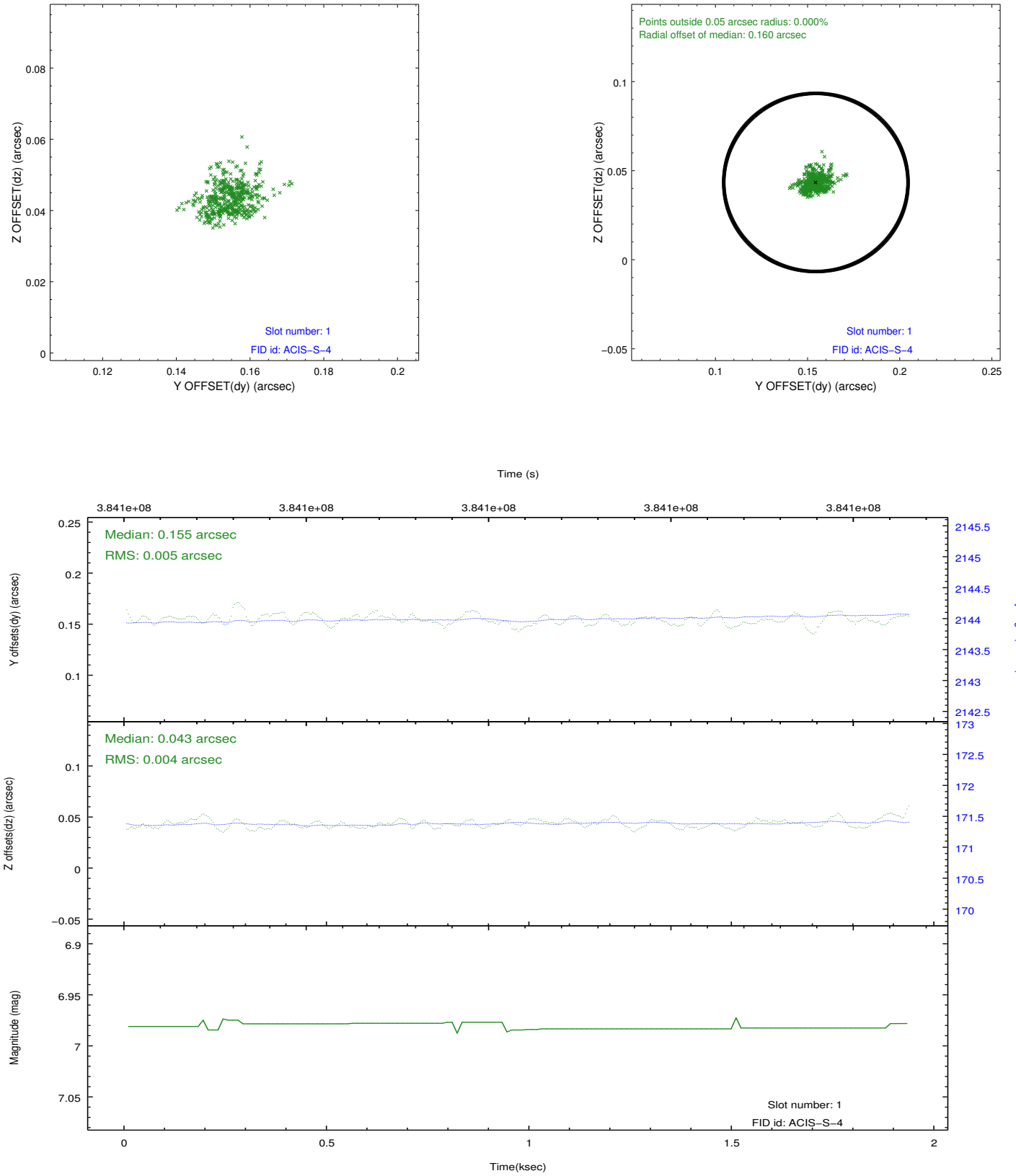


2.5 FID Slots

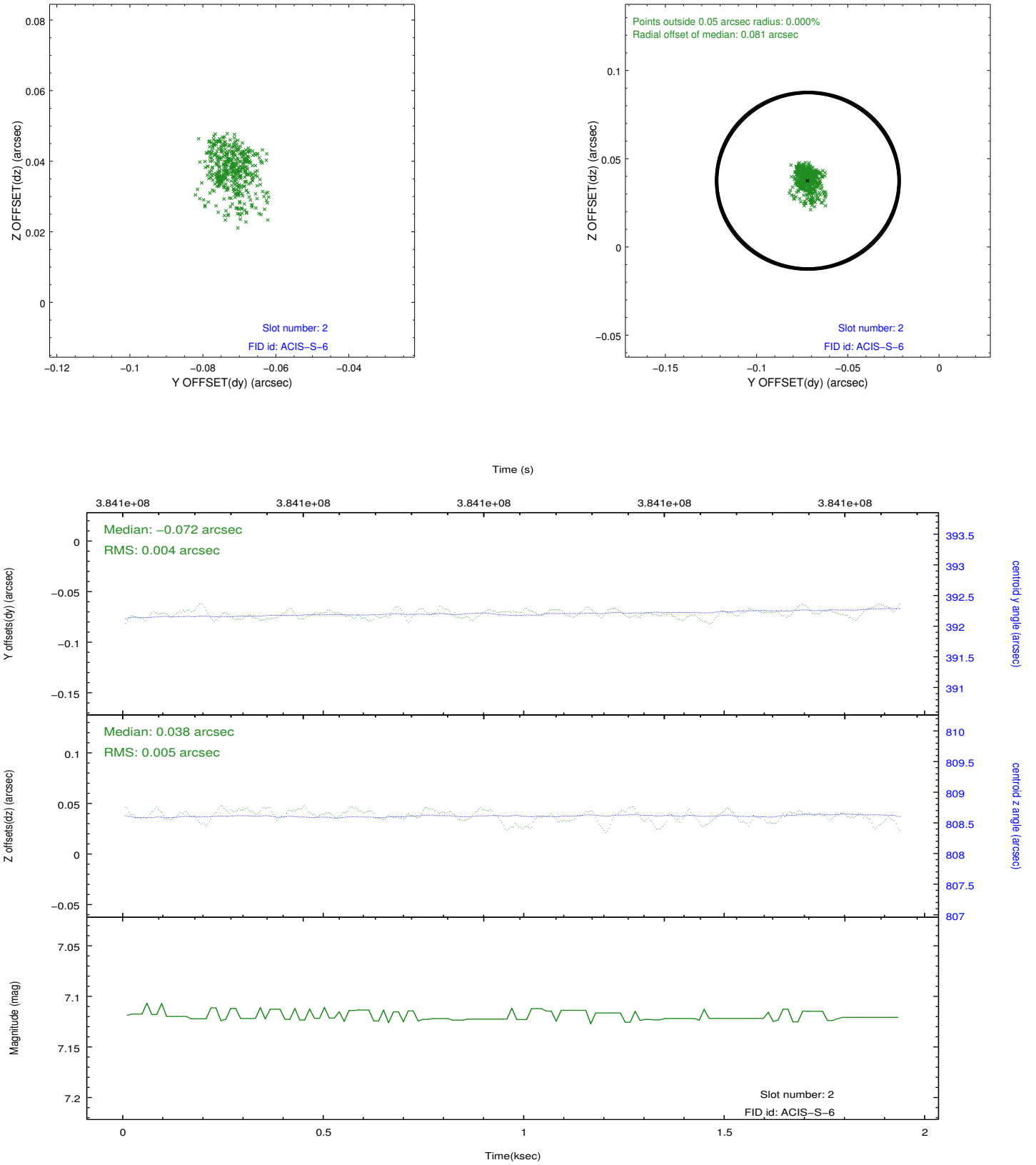
2.5.1 Slot 0



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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.6095040958524

A.2 Comments