

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5634 - L2 Version 3
Chandra X-Ray Center

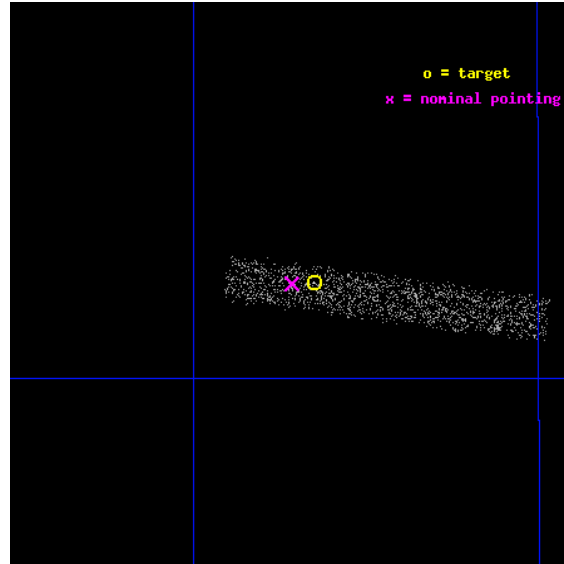
L2 Processing Date : Dec 14 2012

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1 Front

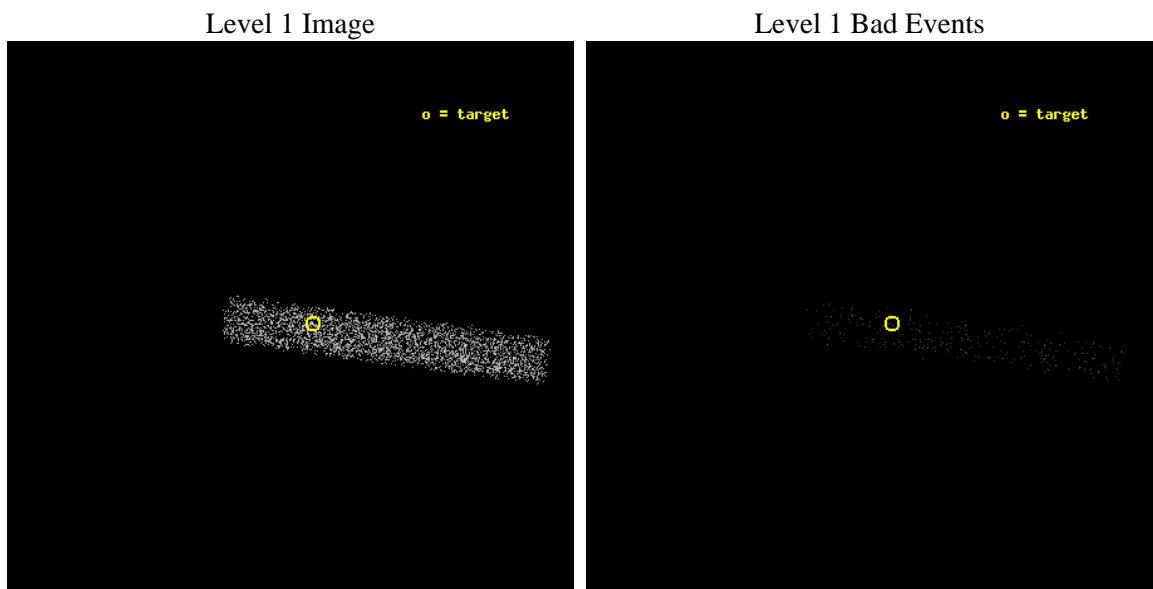
seq_num	701057	Sequence number
obs_id	5634	Observation id
title	Alpha Element Enrichment in Damped Lyman Alpha Absorbers: Survey for New Targets	Proposal title
observer	Dr. Jill Bechtold	Principal investigator
object	SDSS J172739.03+530229.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	261.9125	Observer's specified target RA [deg]
dec_targ	53.041417	Observer's specified target Dec [deg]
ra_nom	261.92871994684	Nominal RA [deg]
dec_nom	53.040915365365	Nominal Dec [deg]
roll_nom	7.4235420656637	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3148.0000468791	Sum of GTIs [s]
livetime	2855.0698774524	Livetime [s]
ontime7	3148.0000468791	Sum of GTIs [s]
l2events	1880	Number of level 2 events



2 OBI

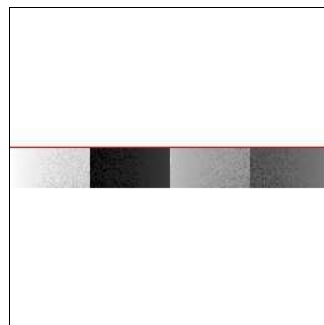
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2962.639000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	3148.0000468791	Sum of GTIs [s]
caldsver	4.5.5	 	ontime7	3148.0000468791	Sum of GTIs [s]
date	2012-12-14T20:56:10	Date and time of file creation	l1events	5103	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

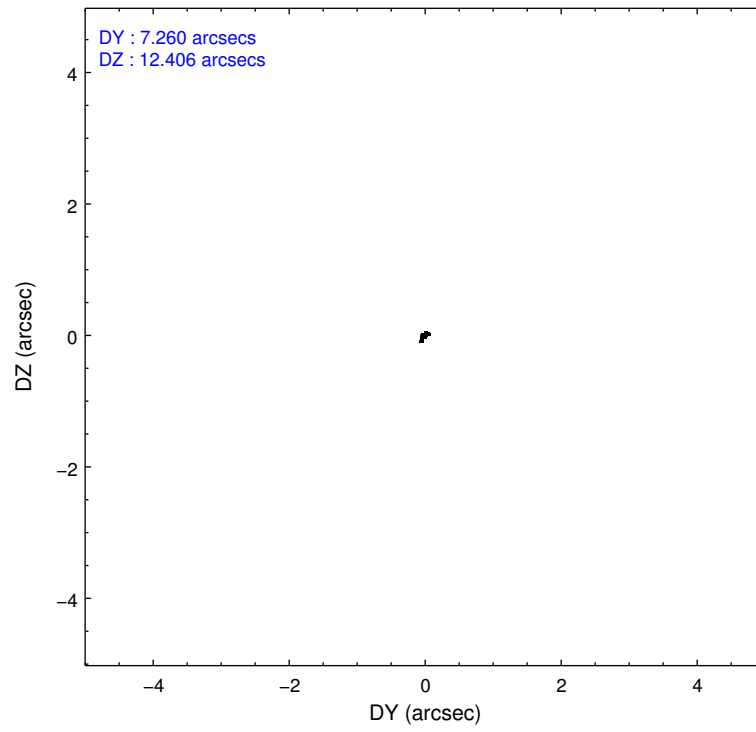
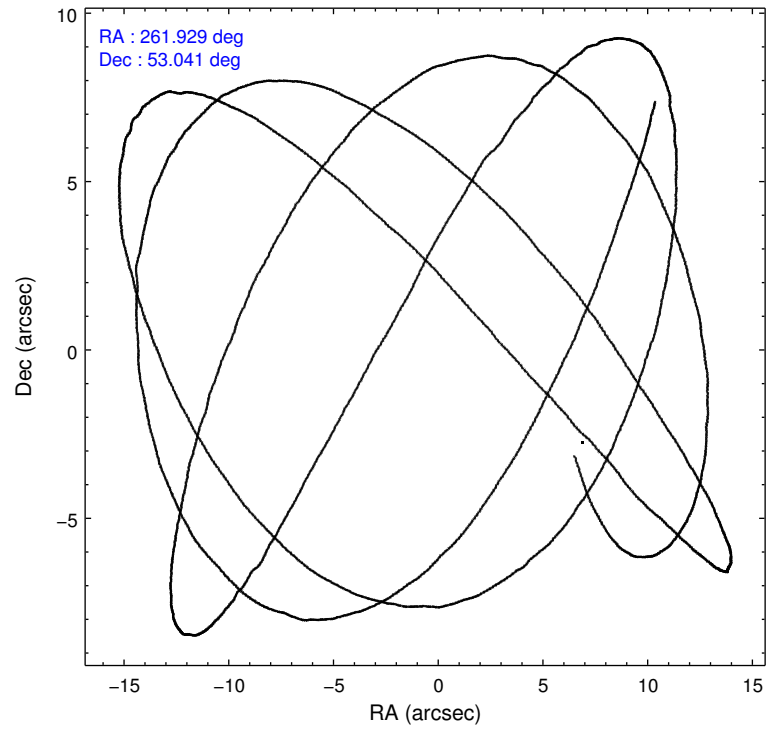
	ccd 7
level 1 events	5103
rejected events	3145
rejected %	61%

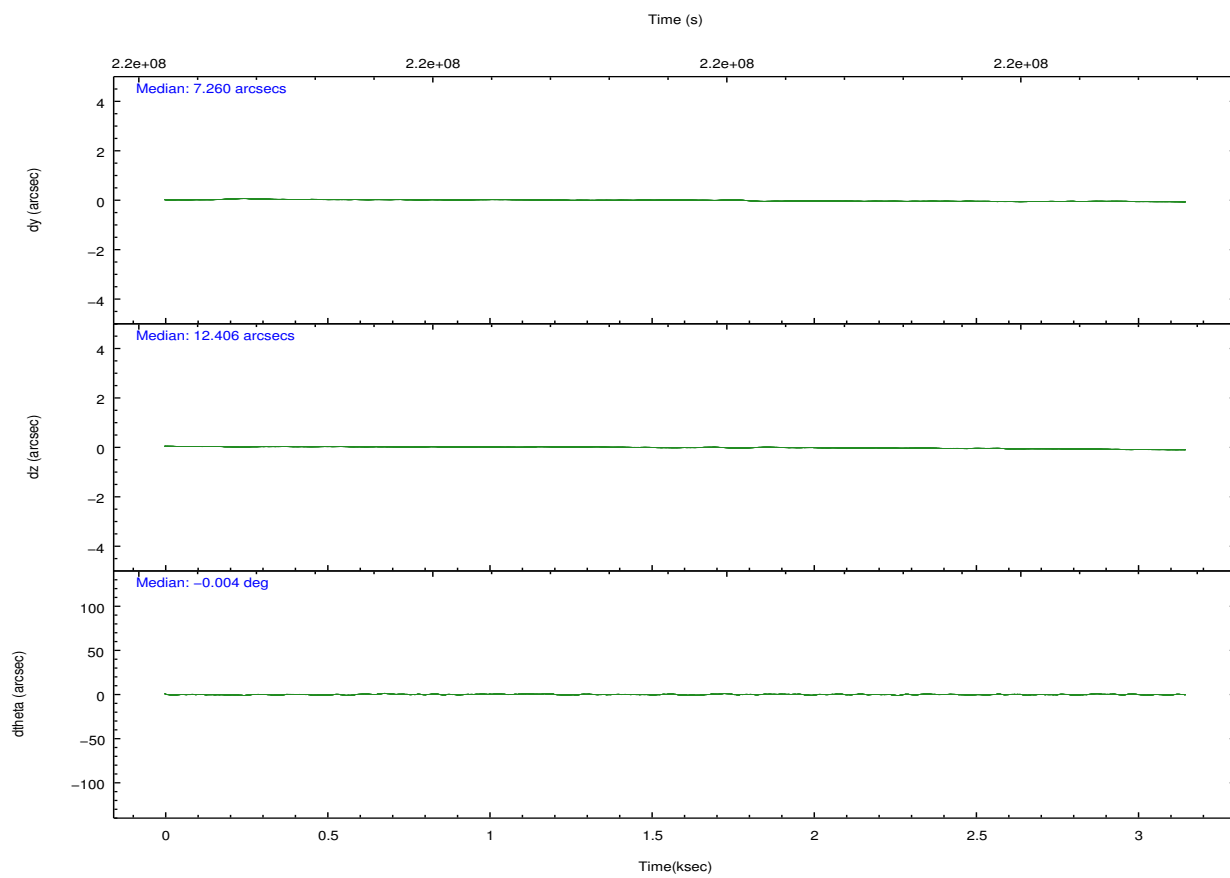
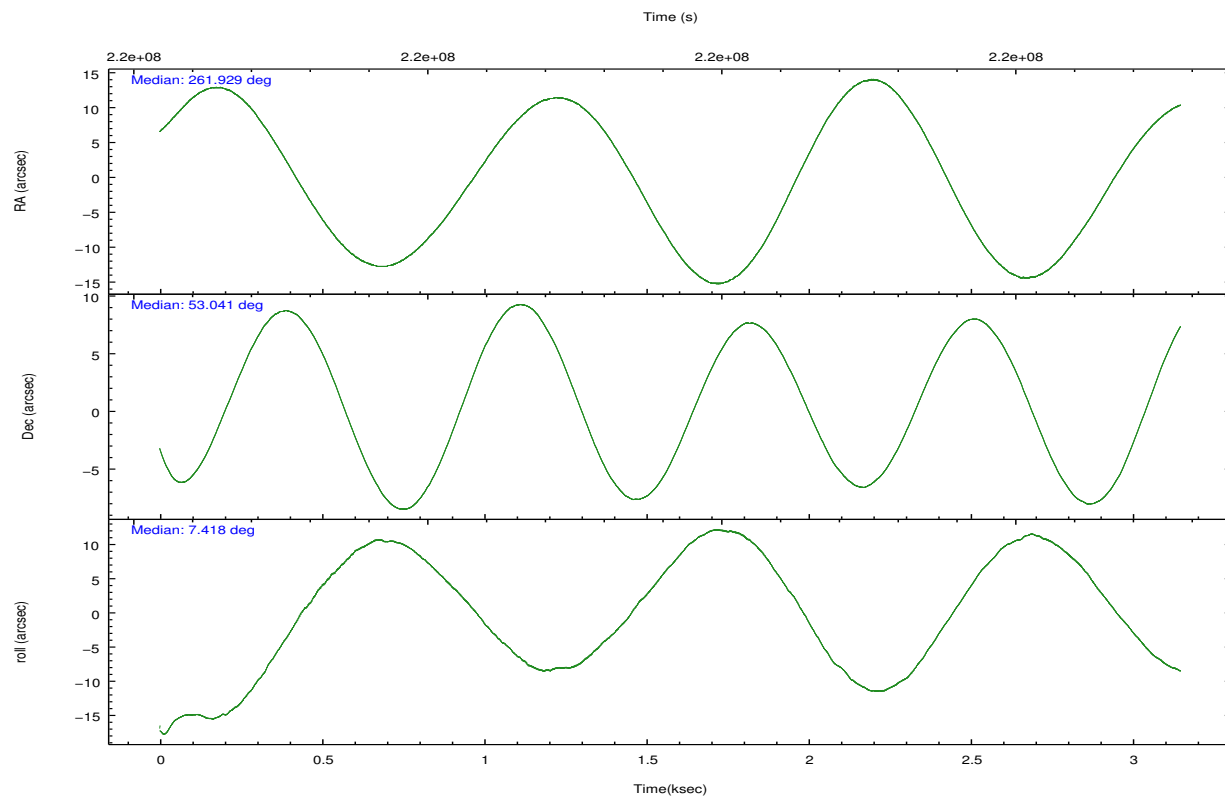
	ccd 7
grade 0 events	255
	4%
grade 1 events	8
	0%
grade 2 events	436
	8%
grade 3 events	325
	6%
grade 4 events	295
	5%
grade 5 events	502
	9%
grade 6 events	1012
	19%
grade 7 events	2270
	44%

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	261.892987	261.928719946839	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	53.024121	53.04091536536517	Subarray start row	449	449
[deg] Pointing Roll	7.295487	7.423542065663656	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)	219999430.184000	219998521.39527			
Observation start date	2004-12-21T06:56:06	2004-12-21T06:42:01			
[s] Observation end time (MET)	220002393.184000	220002621.90796			
Observation end date	2004-12-21T07:45:29	2004-12-21T07:50:21			
Read mode	TIMED	TIMED			

2.3 Aspect



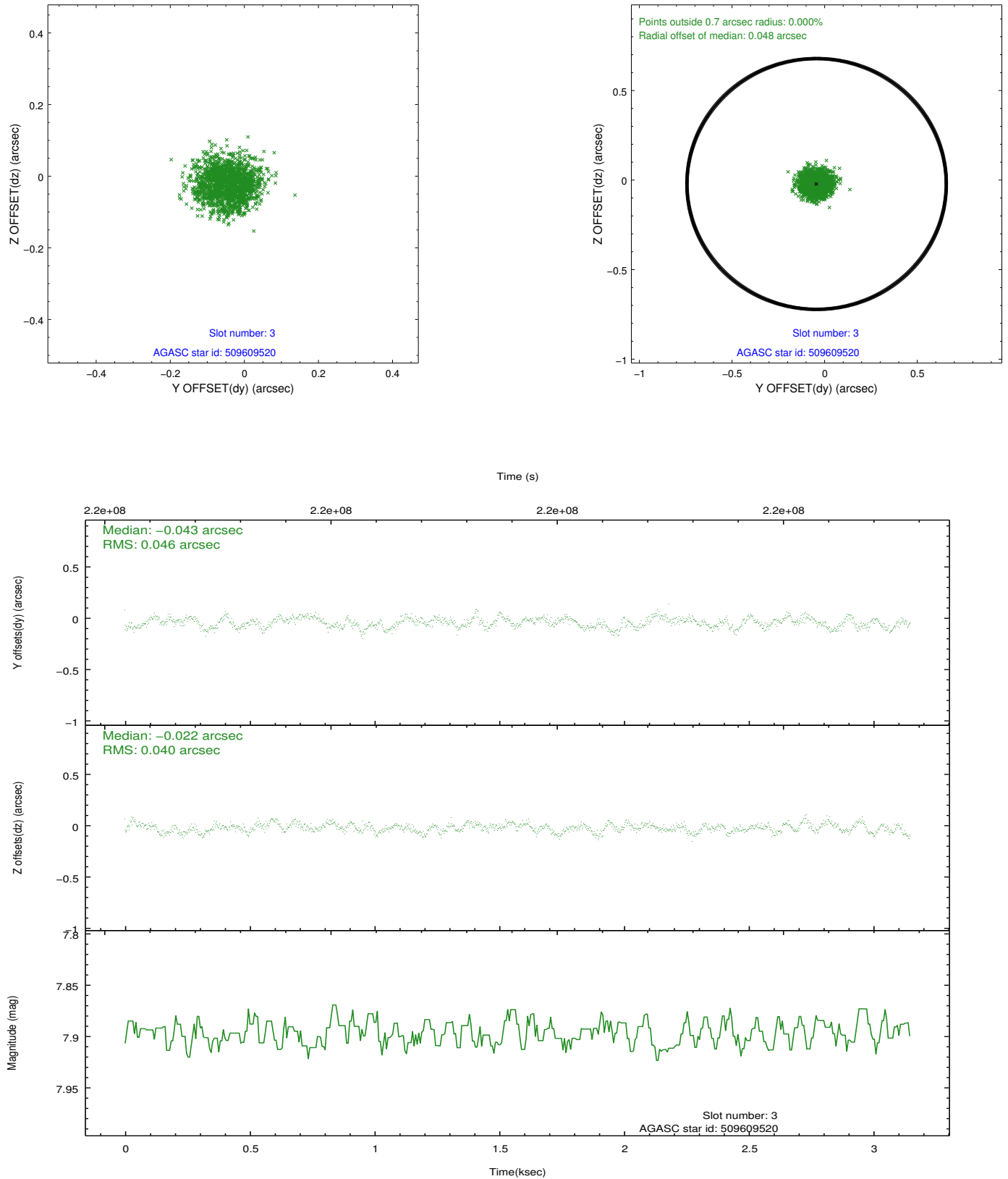


Slot Statistics

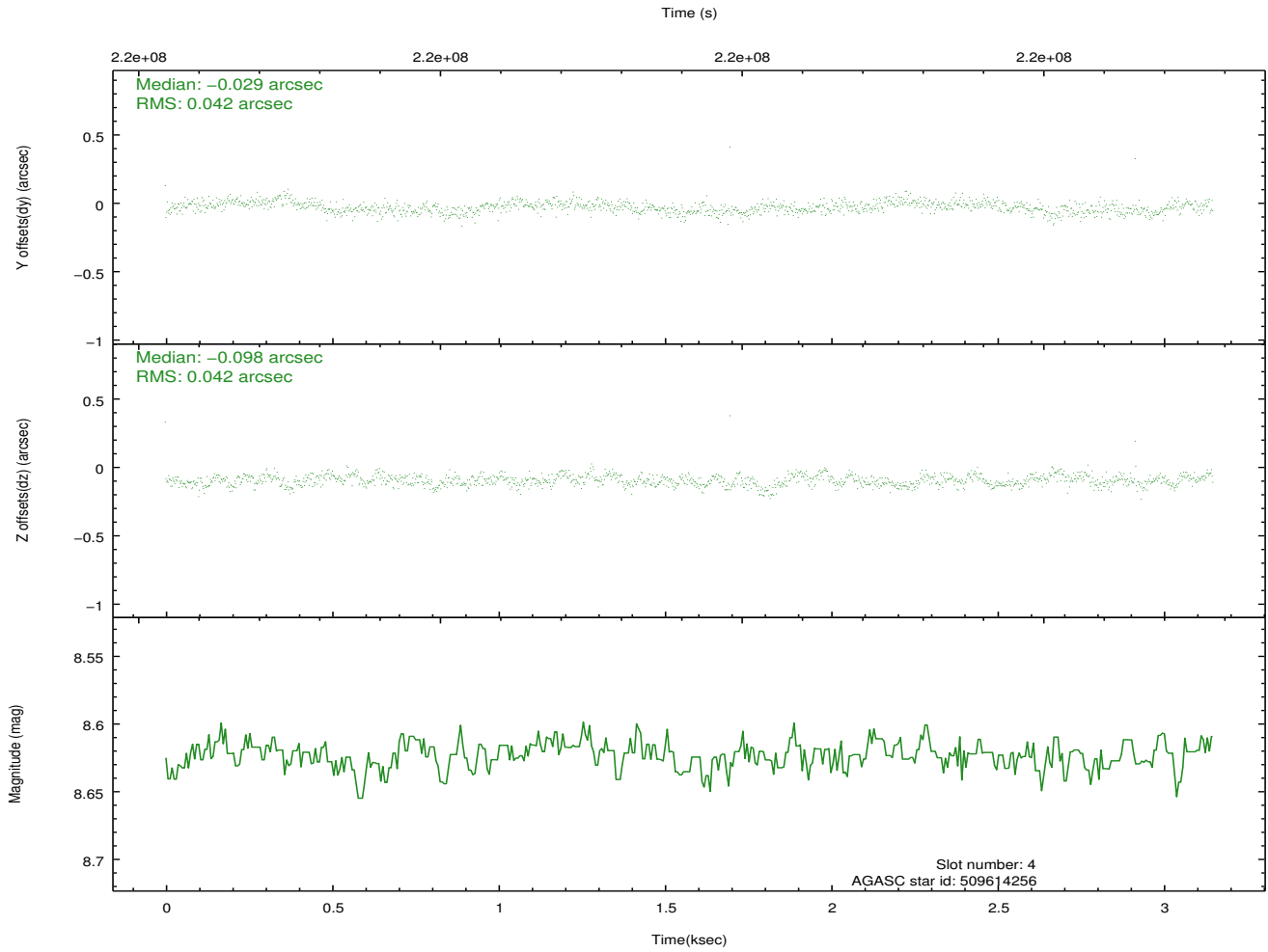
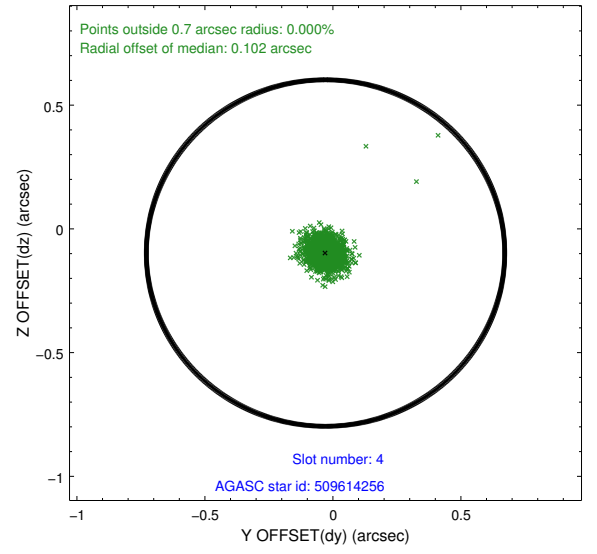
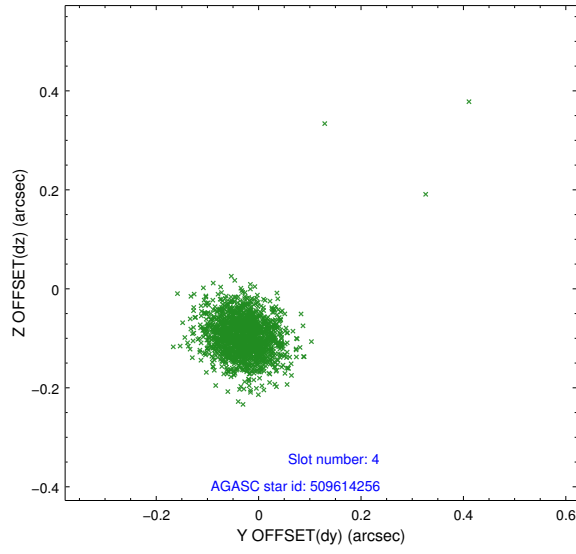
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	768	-0.016	-0.032	0.007	0.012	0.000000	0.000000	-760.03	-1733.68
1	FID	ACIS-S-4	7.20	768	0.055	0.016	0.006	0.011	0.000000	0.000000	2152.41	172.73
2	FID	ACIS-S-5	7.23	768	-0.070	0.024	0.008	0.014	0.000000	0.000000	-1810.32	168.74
3	GUIDE	509609520	7.90	1536	-0.043	-0.022	0.066	0.101	261.284675	53.132748	-1253.03	560.96
4	GUIDE	509614256	8.62	1537	-0.029	-0.098	0.058	0.099	262.605831	53.154697	1586.04	279.42
5	GUIDE	509615320	7.96	1537	0.013	0.054	0.057	0.094	260.903123	53.349296	-1958.62	1446.28
6	GUIDE	509620632	8.27	1534	-0.059	0.162	0.084	0.130	263.060888	52.592392	2337.63	-1843.89
7	GUIDE	509622384	8.92	1536	0.110	-0.099	0.082	0.139	261.053261	53.512675	-1557.02	1982.29

2.4 Star Slots

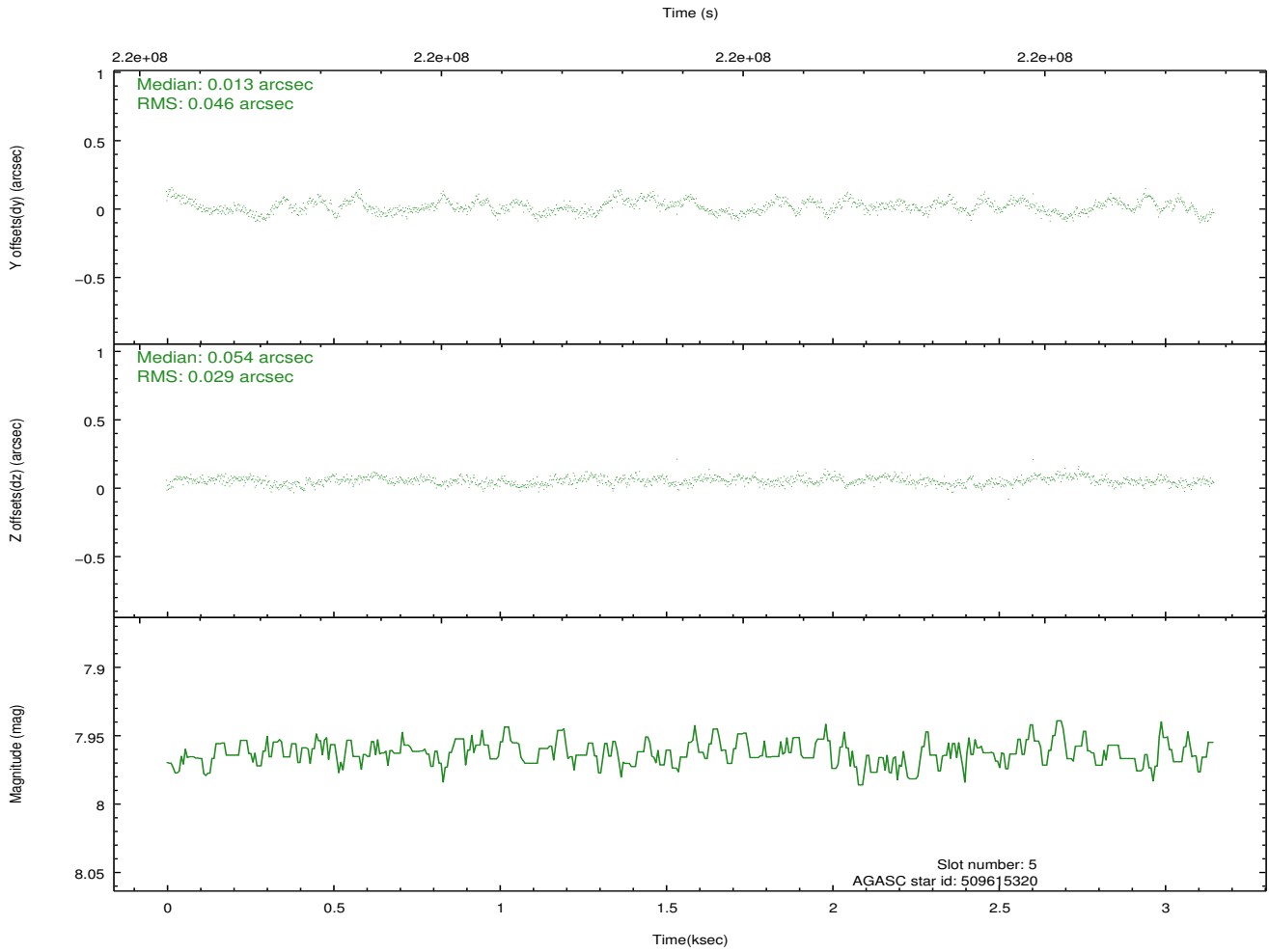
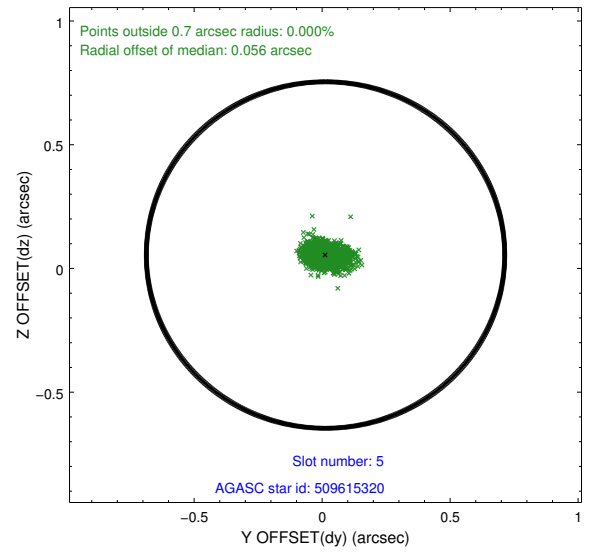
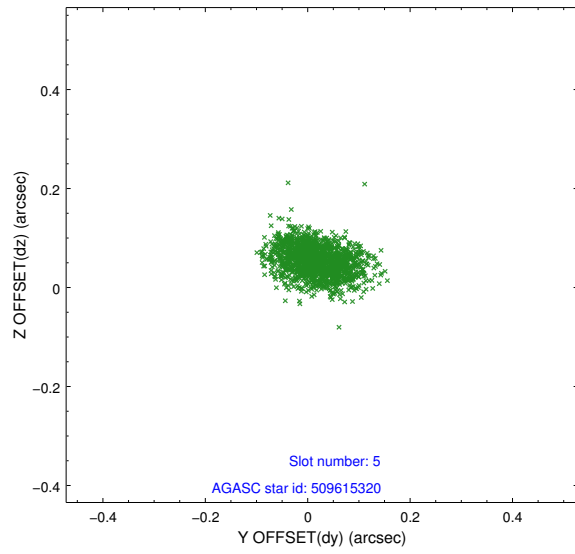
2.4.1 Slot 3



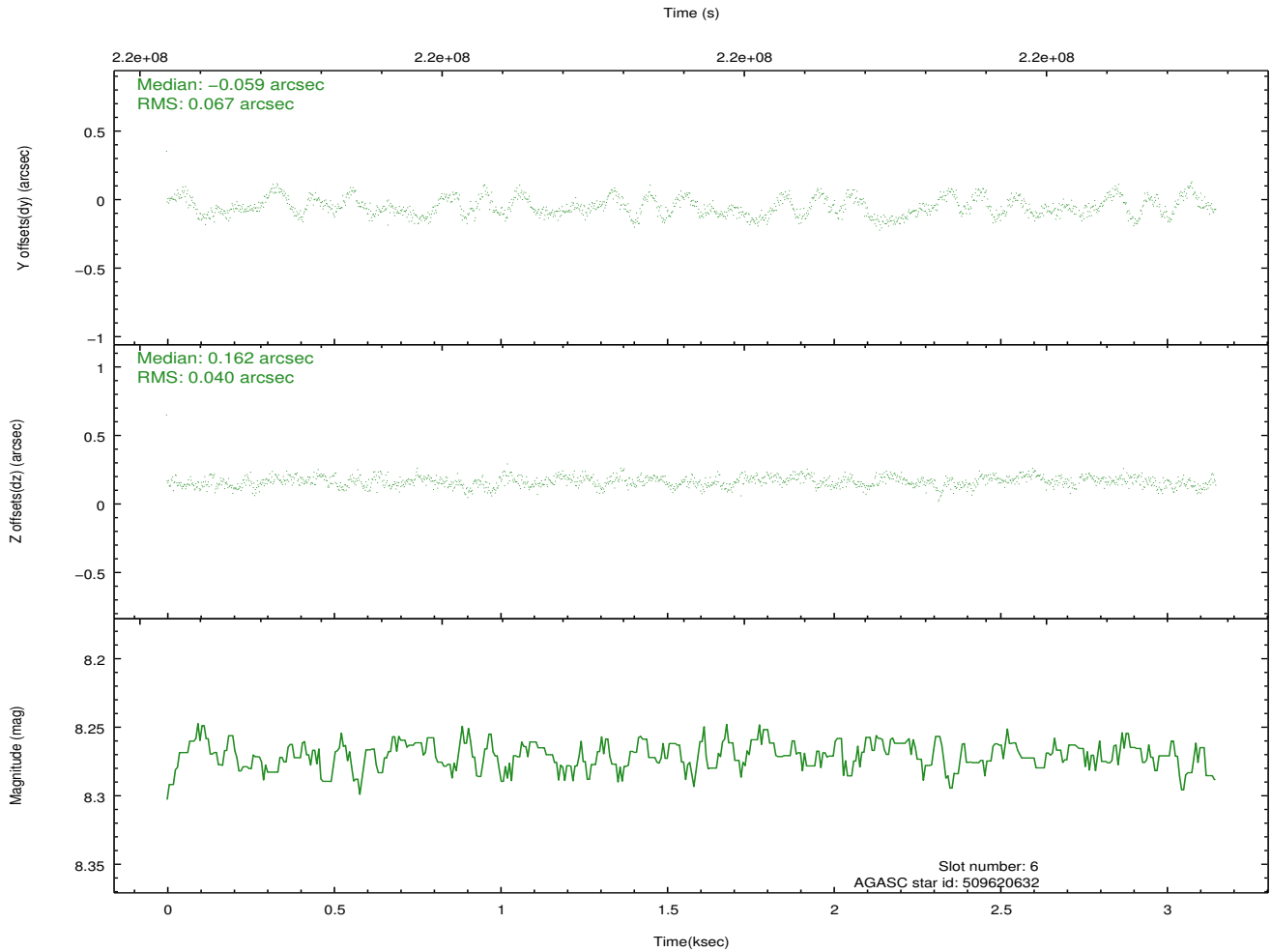
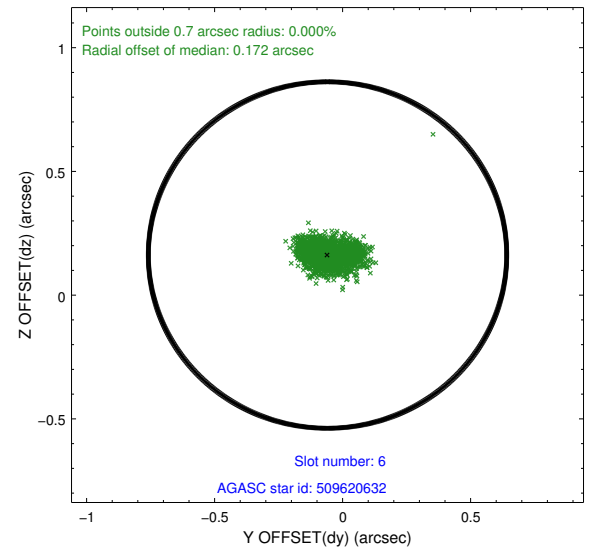
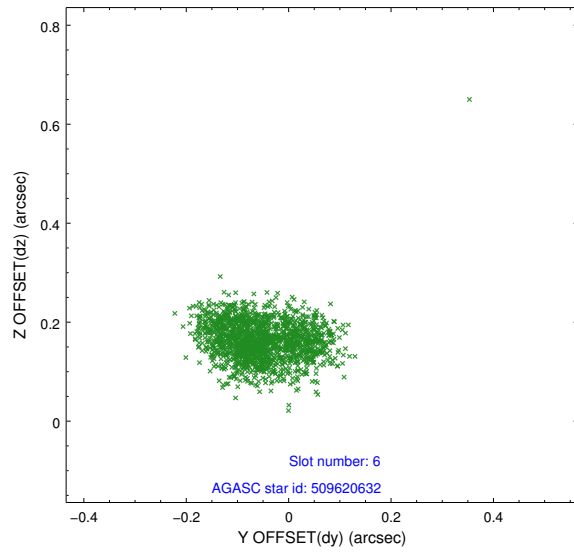
2.4.2 Slot 4



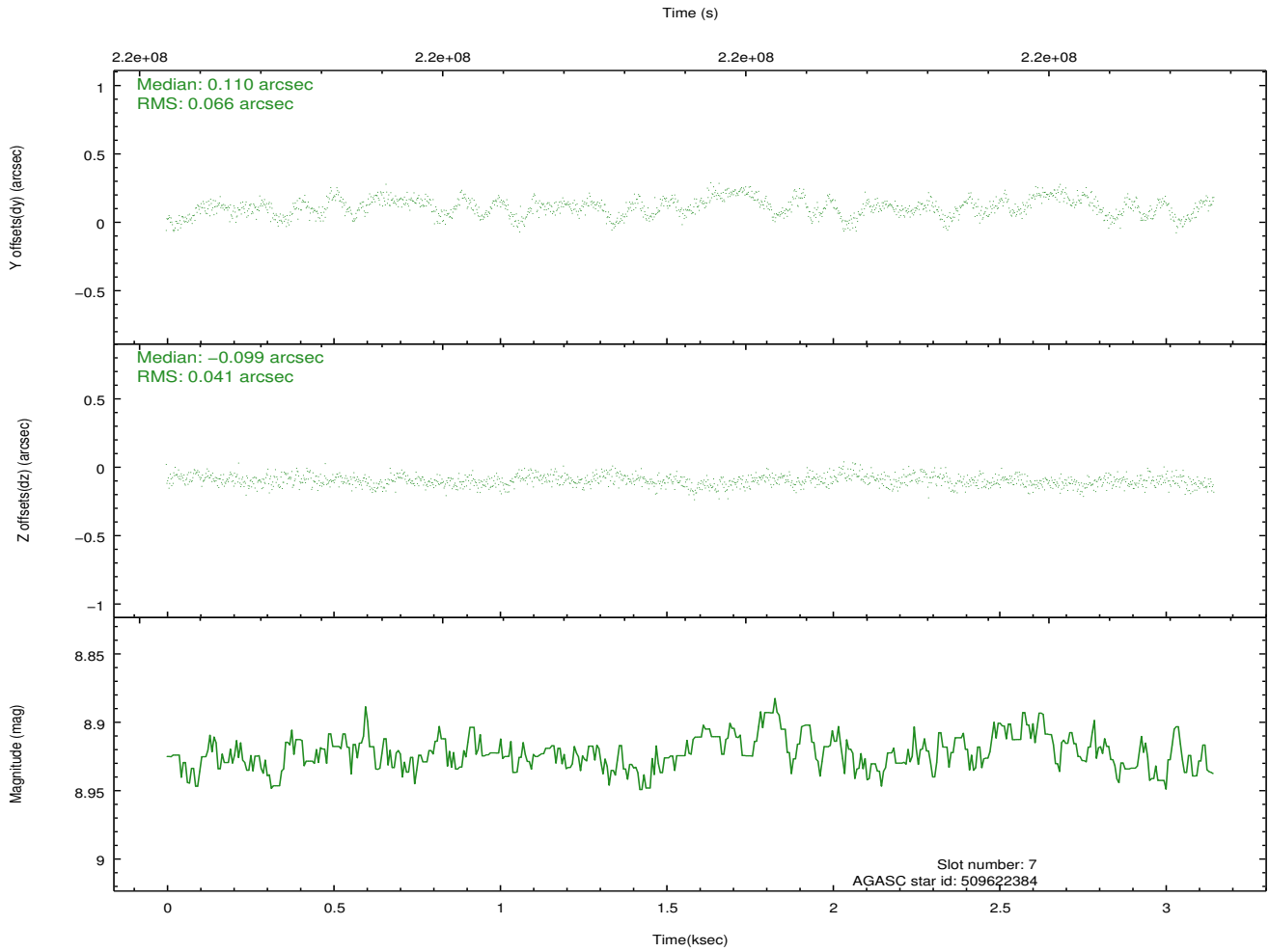
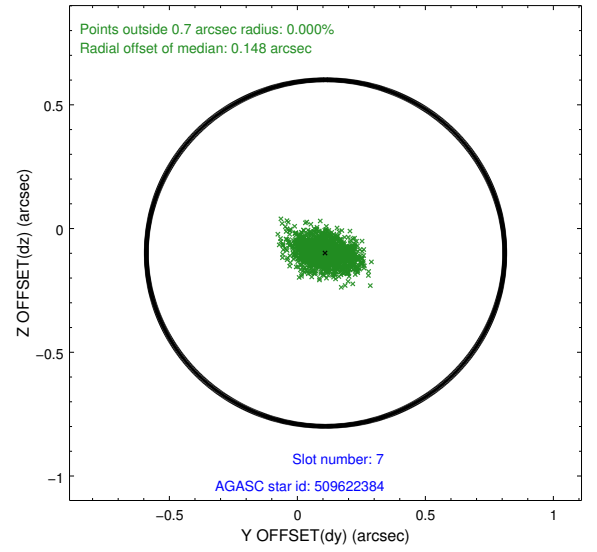
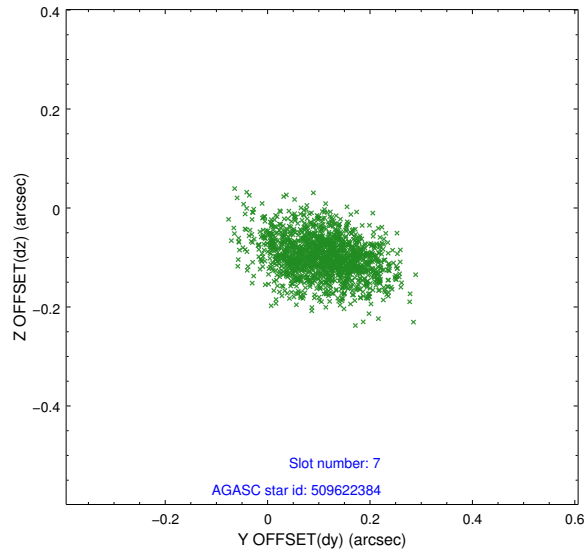
2.4.3 Slot 5



2.4.4 Slot 6

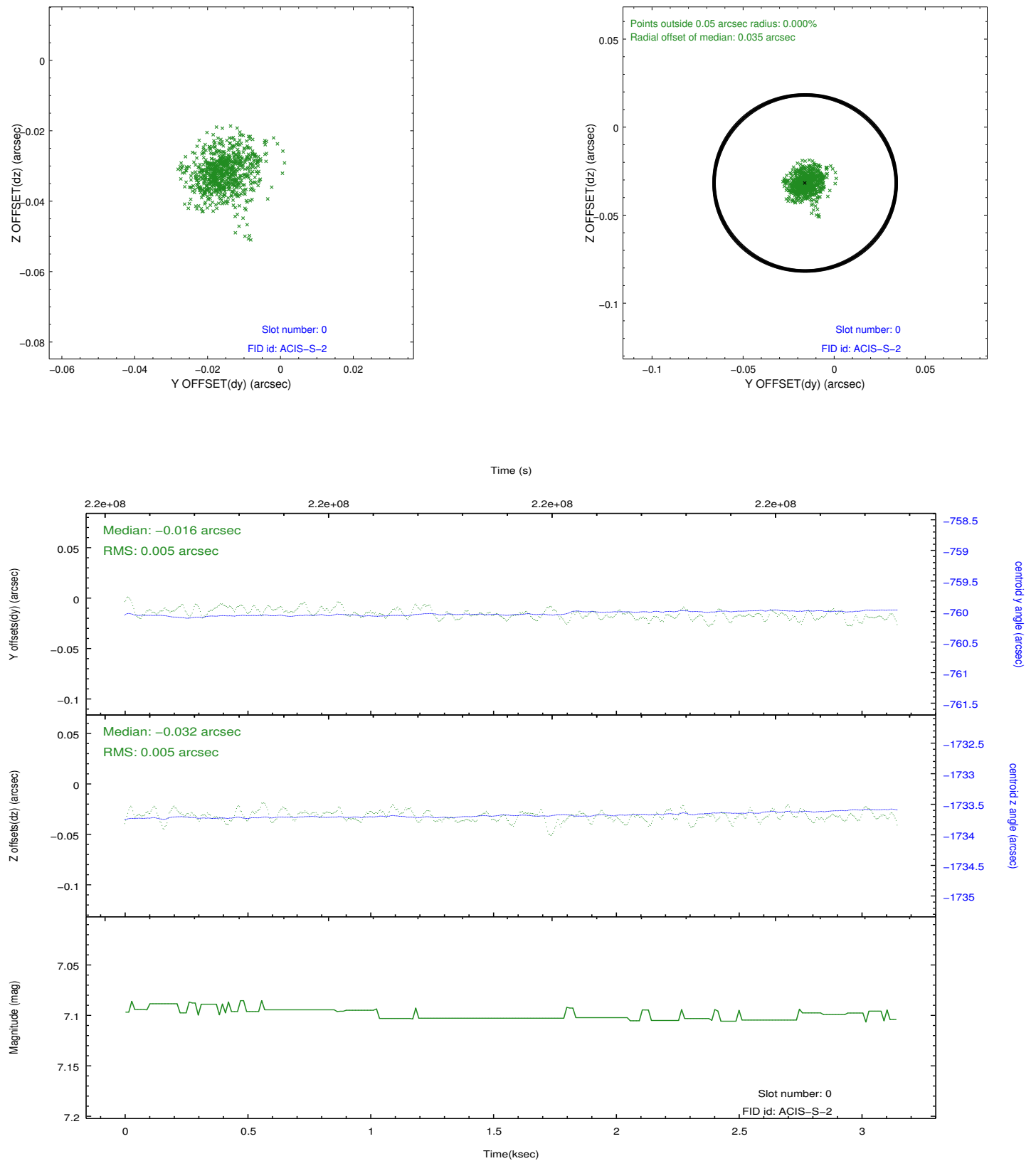


2.4.5 Slot 7

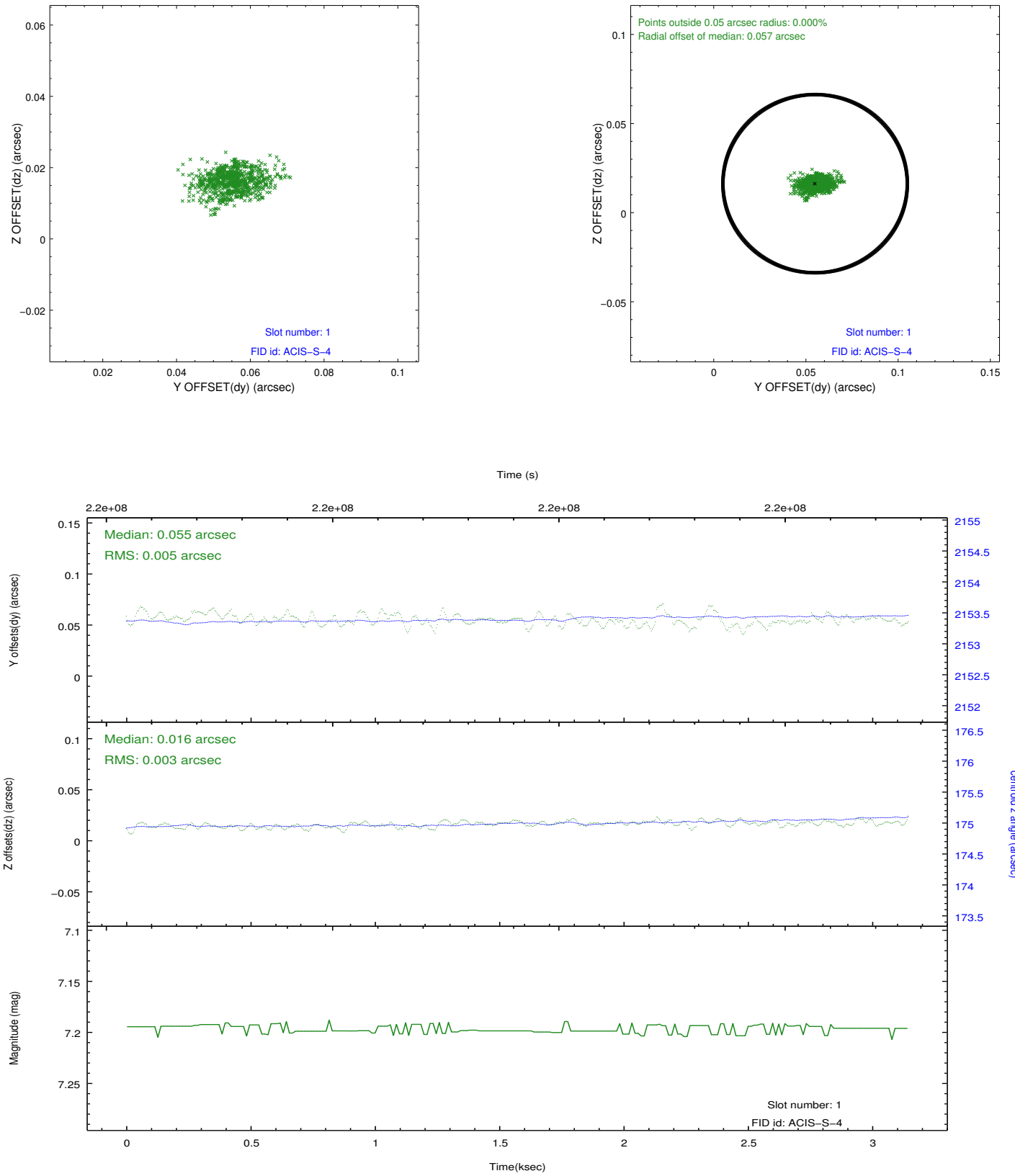


2.5 FID Slots

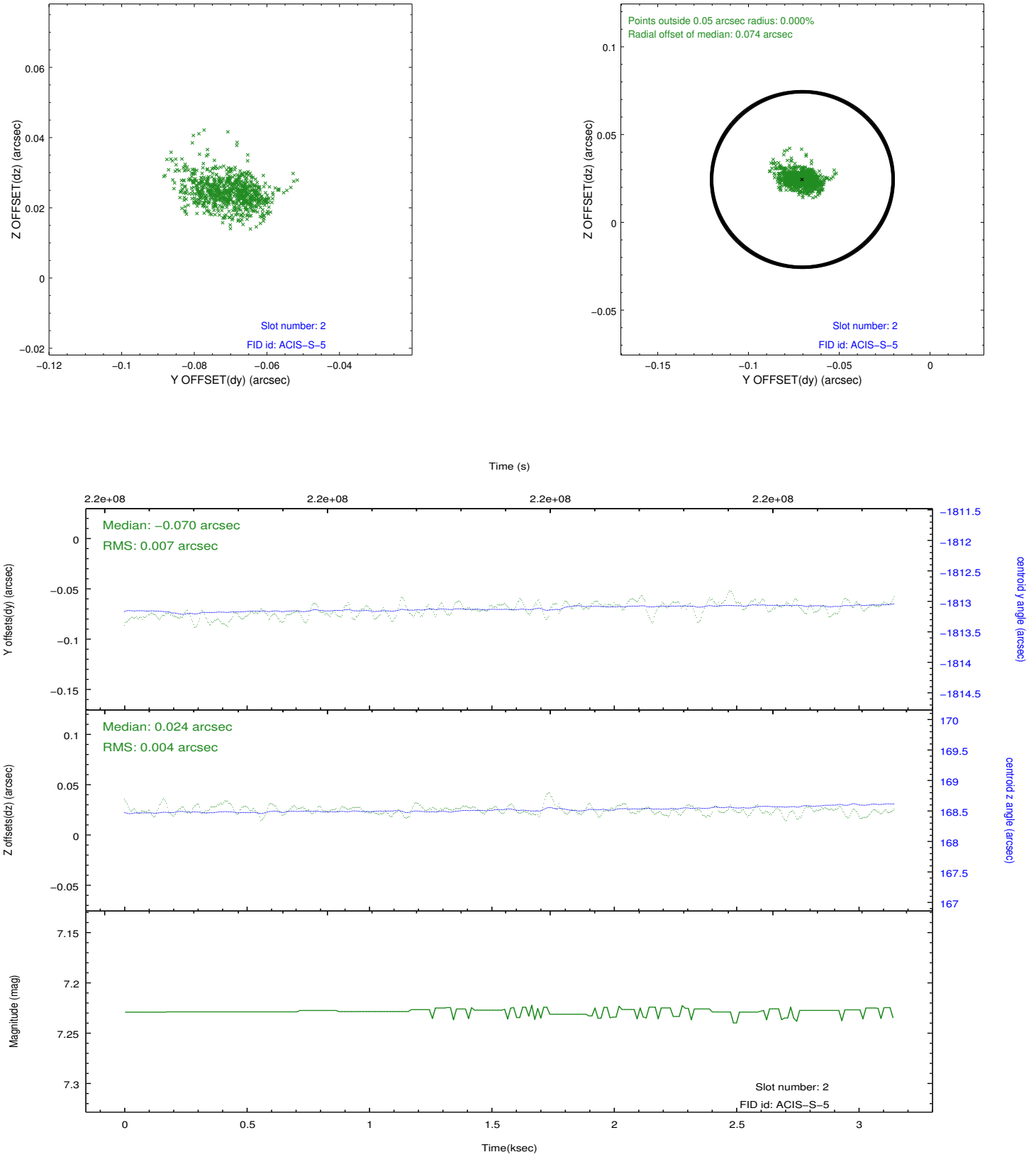
2.5.1 Slot 0



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)	2013.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.148

A.2 Comments