

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11608 - L2 Version 2
Chandra X-Ray Center

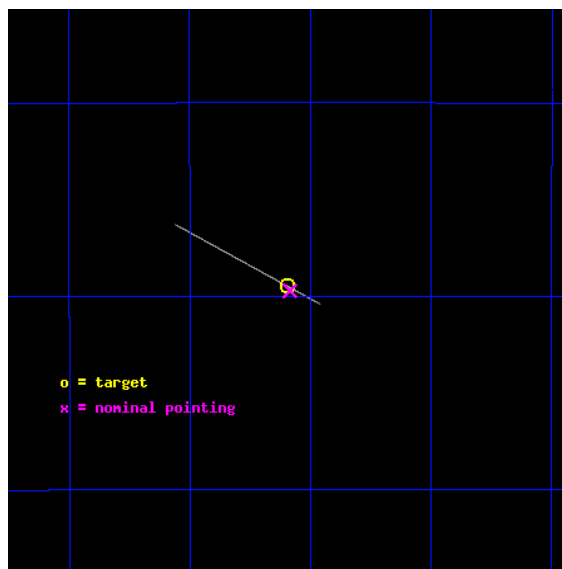
L2 Processing Date : Jun 25 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

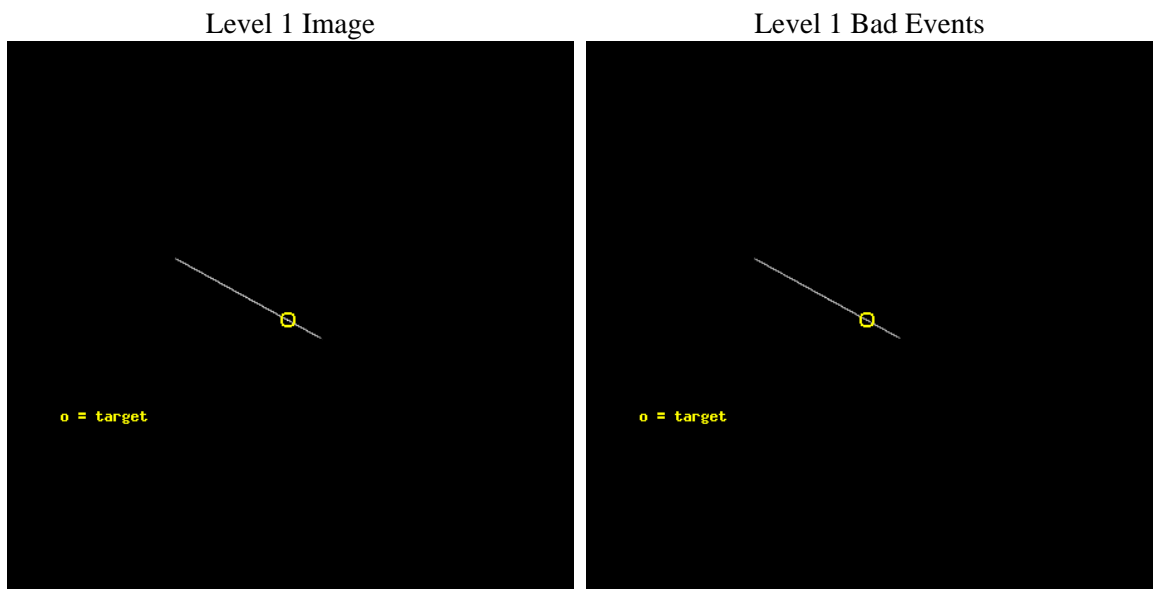
seq_num	702194	Sequence number
obs_id	11608	Observation id
title	The nature of the variable X-ray absorber in ESO 362-G18	Proposal
observer	Giovanni Miniutti	Principal investigator
object	ESO 362-G18	Source name
ra_targ	79.899167	Observer's specified target RA [deg]
dec_targ	-32.657778	Observer's specified target Dec [deg]
ra_nom	79.896312369689	Nominal RA [deg]
dec_nom	-32.661970865345	Nominal Dec [deg]
roll_nom	208.46502583121	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10177.5	Sum of GTIs [s]
livetime	10137.744140625	Livetime [s]
ontime7	10177.5	Sum of GTIs [s]
l2events	53796	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	10177.5	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	10177.5	Sum of GTIs [s]
date	2012-06-26T00:22:46	Date and time of file creation	l1events	152594	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

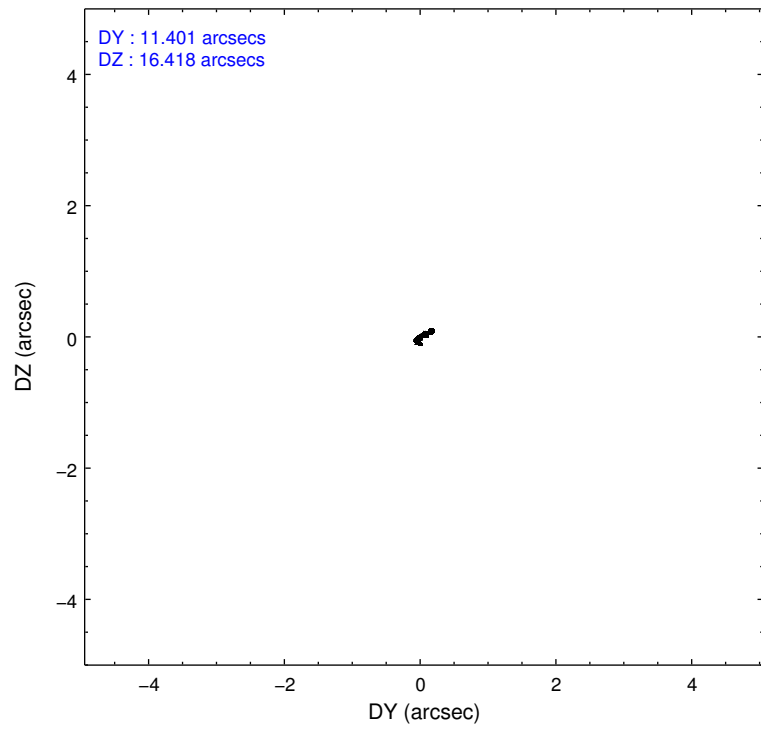
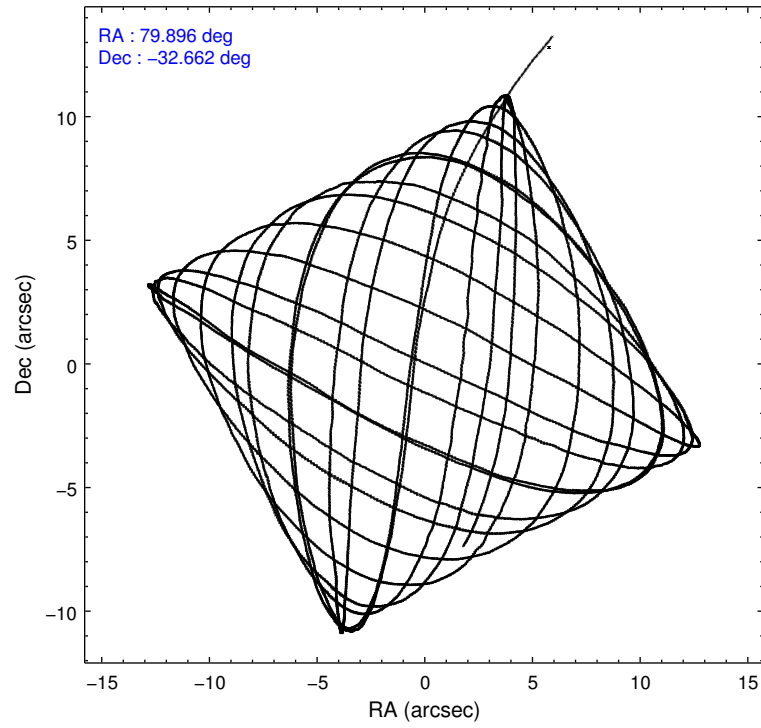
	ccd 7
level 1 events	152594
rejected events	96655
rejected %	63%

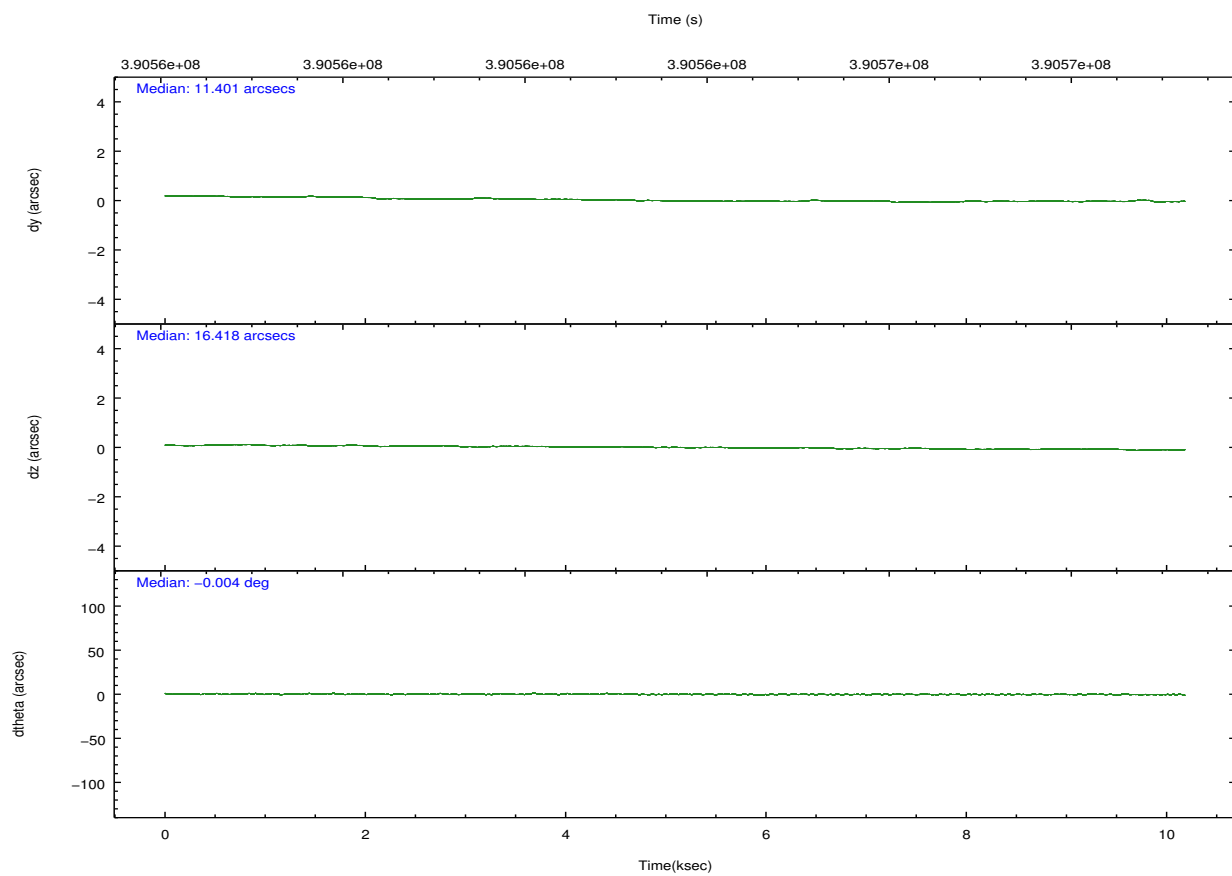
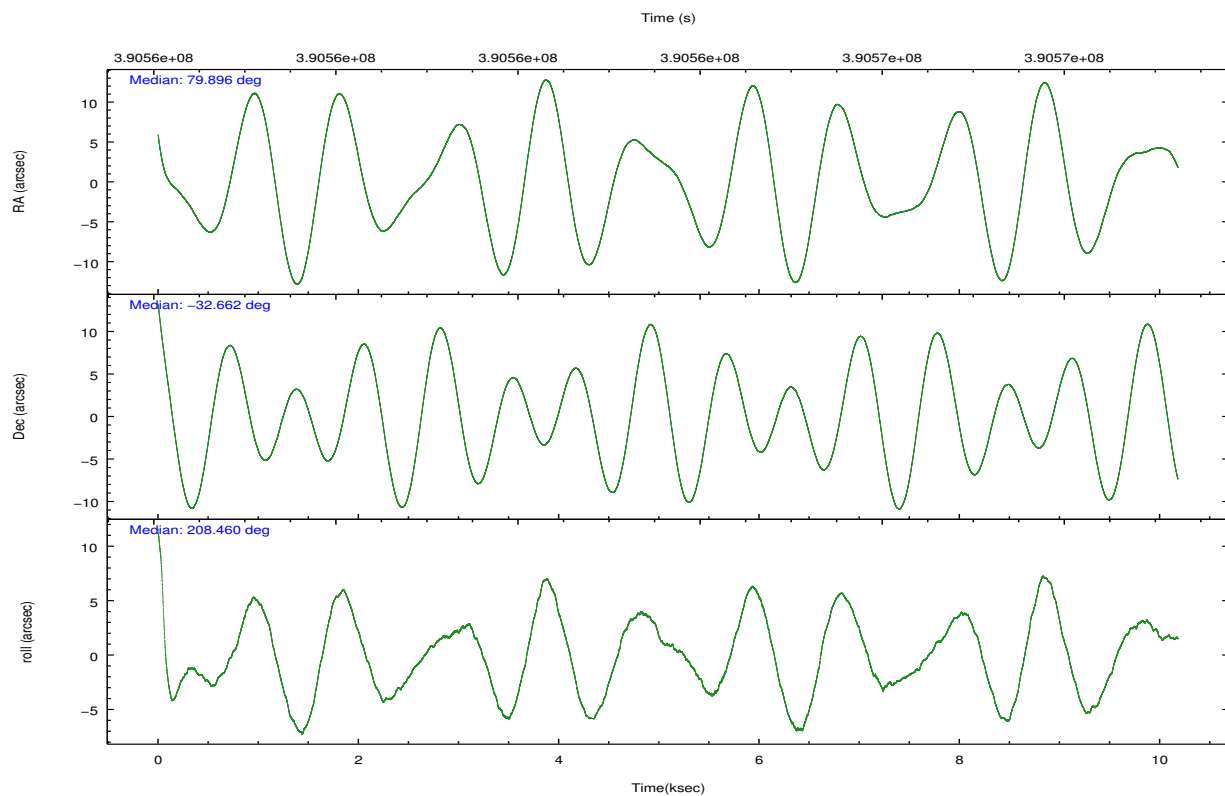
	ccd 7
grade 0 events	6577
	4%
grade 1 events	172
	0%
grade 2 events	14928
	9%
grade 3 events	3815
	2%
grade 4 events	3648
	2%
grade 5 events	9712
	6%
grade 6 events	27274
	17%
grade 7 events	86468
	56%

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	79.912907	79.89631236968903	Subarray requested	NONE	NONE
[deg] Pointing Dec	-32.638480	-32.66197086534547	Alternating exposures requested	N	N
[deg] Pointing Roll	208.317350	208.4650258312098	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	390558744.184000	390557980.47629			
Observation start date	2010-05-18T08:31:18	2010-05-18T08:19:40			
[s] Observation end time (MET)	390568744.184000	390569444.58937			
Observation end date	2010-05-18T11:17:58	2010-05-18T11:30:44			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



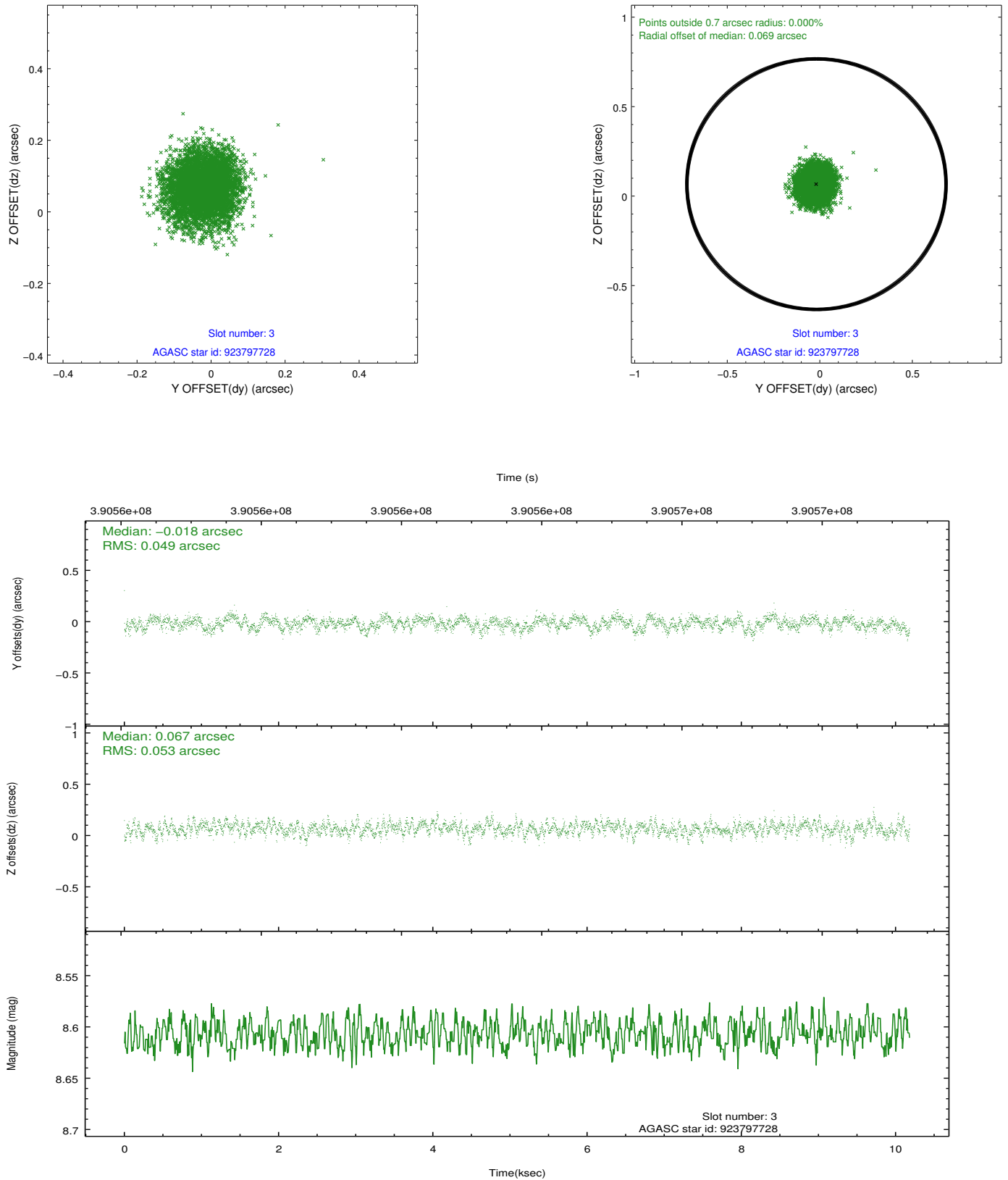


Slot Statistics

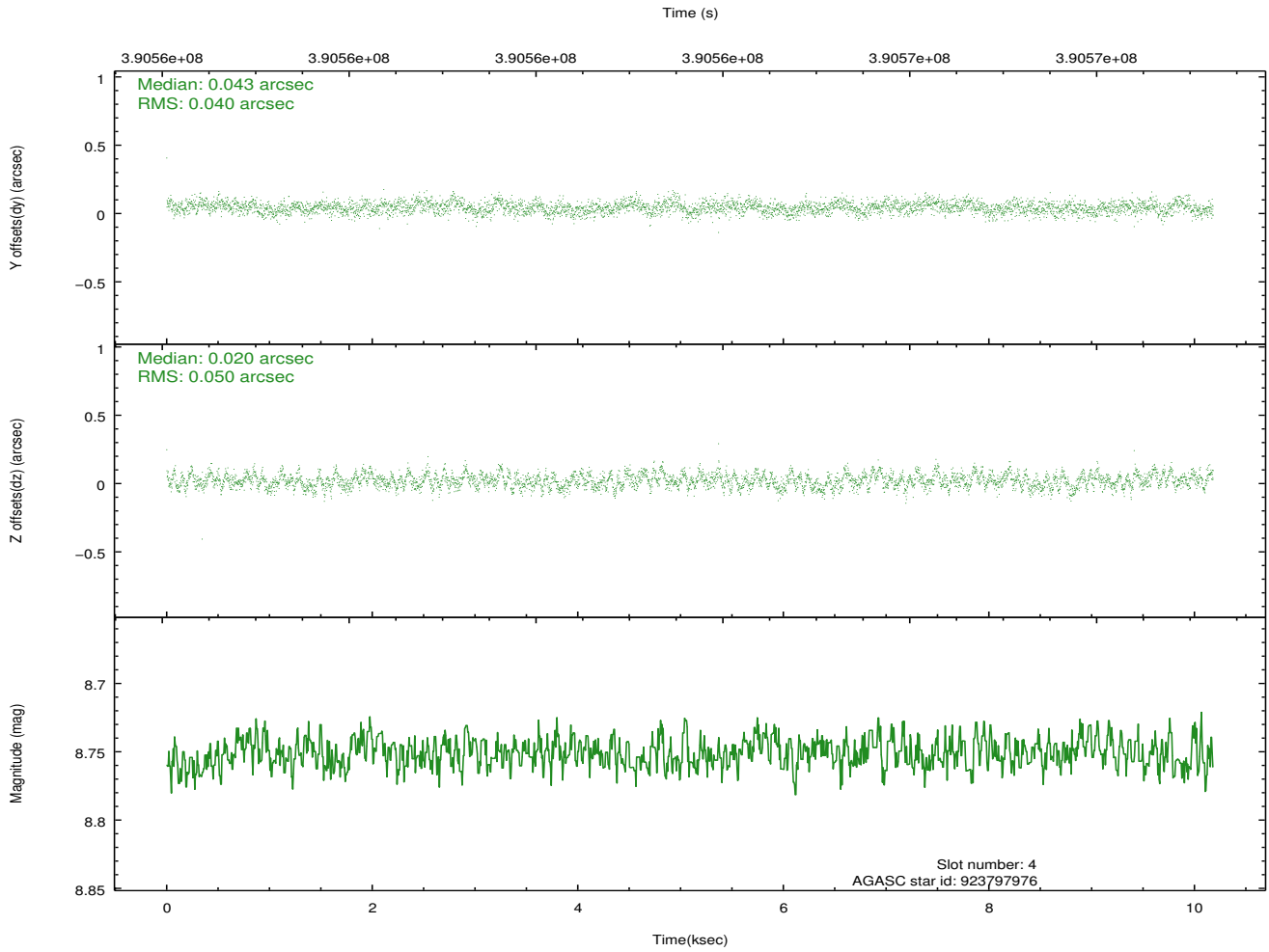
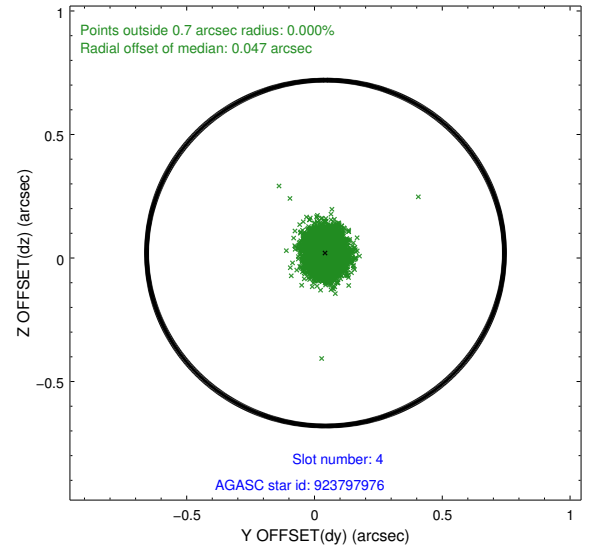
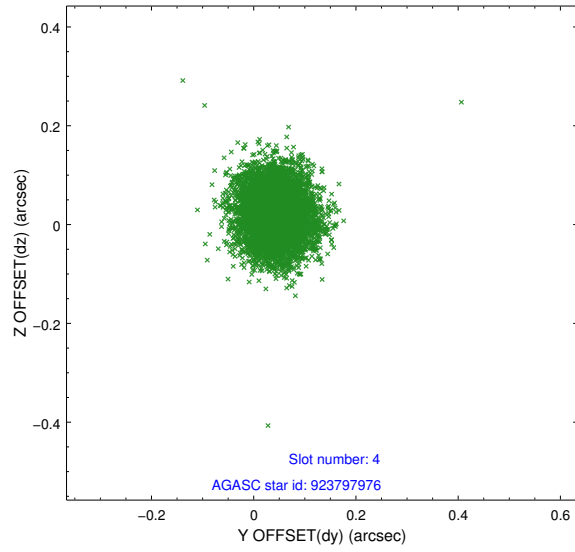
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.88	2484	-0.036	-0.017	0.007	0.011	0.000000	0.000000	-764.34	-1737.80
1	FID	ACIS-S-4	6.96	2484	0.111	0.022	0.006	0.011	0.000000	0.000000	2148.85	170.18
2	FID	ACIS-S-5	6.99	2484	-0.106	0.003	0.008	0.014	0.000000	0.000000	-1816.59	164.43
3	GUIDE	923797728	8.61	4967	-0.018	0.067	0.078	0.123	79.694448	-31.988137	-522.60	-2376.47
4	GUIDE	923797976	8.75	4966	0.043	0.020	0.068	0.106	79.531597	-32.443563	688.28	-1165.44
5	GUIDE	923799280	9.17	4965	-0.061	0.010	0.086	0.141	80.234023	-31.921546	-2086.95	-1805.42
6	GUIDE	924192560	7.78	4968	-0.129	-0.147	0.058	0.095	80.544313	-32.539454	-1853.65	599.90
7	GUIDE	924195696	8.90	4963	0.162	0.050	0.065	0.106	79.532624	-33.441289	2377.61	2005.02

2.4 Star Slots

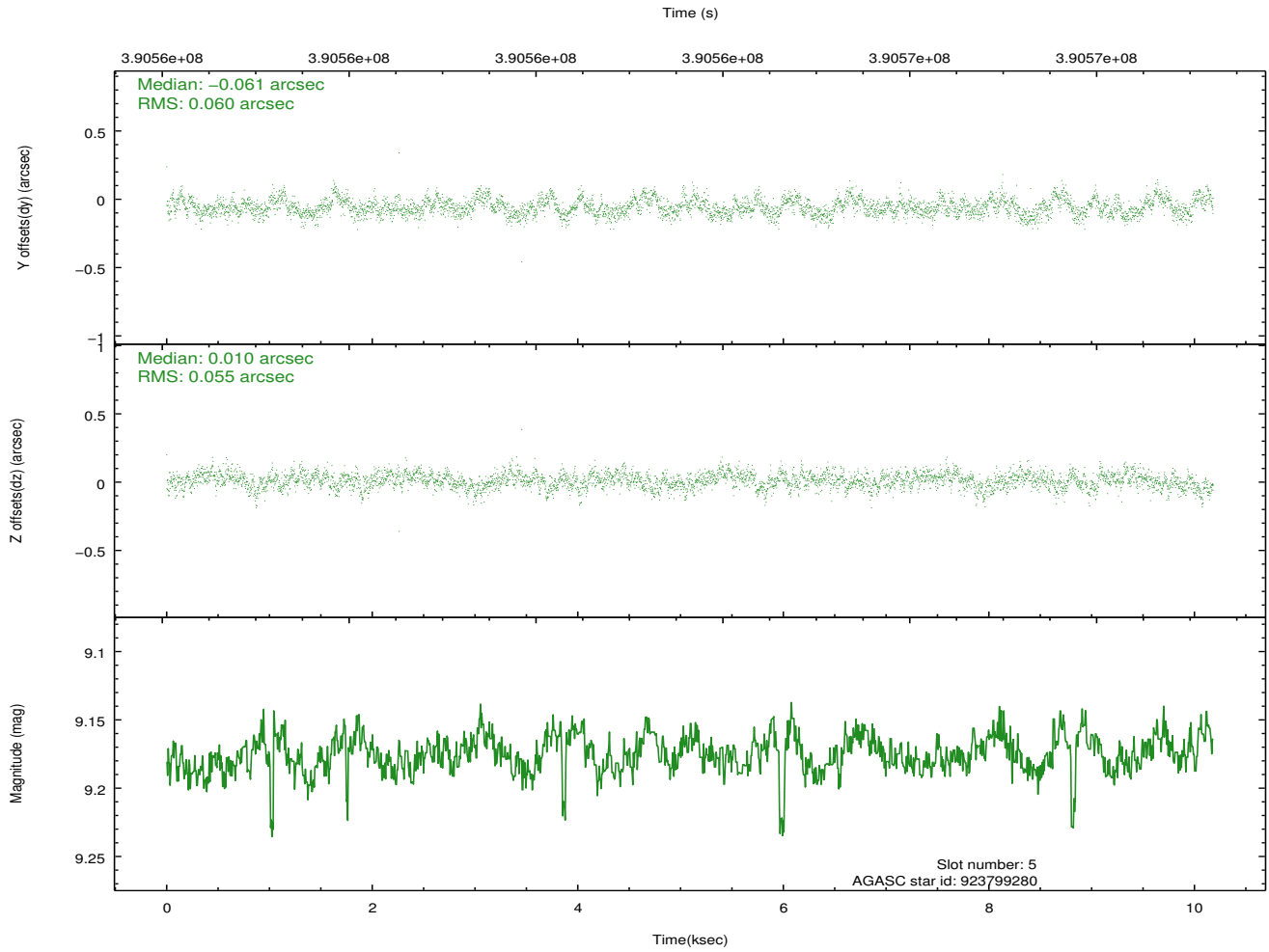
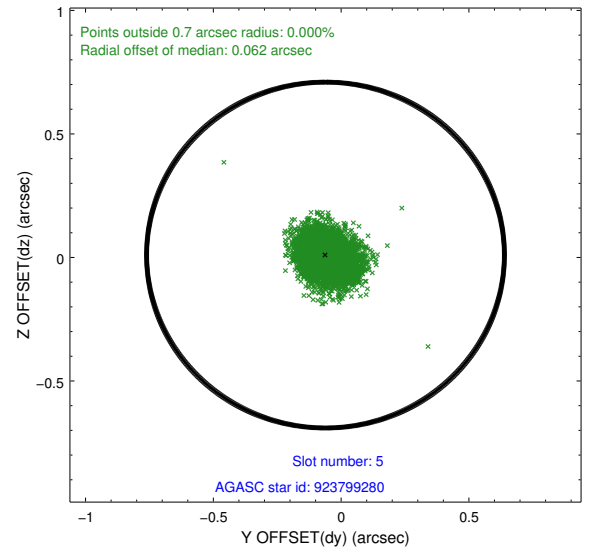
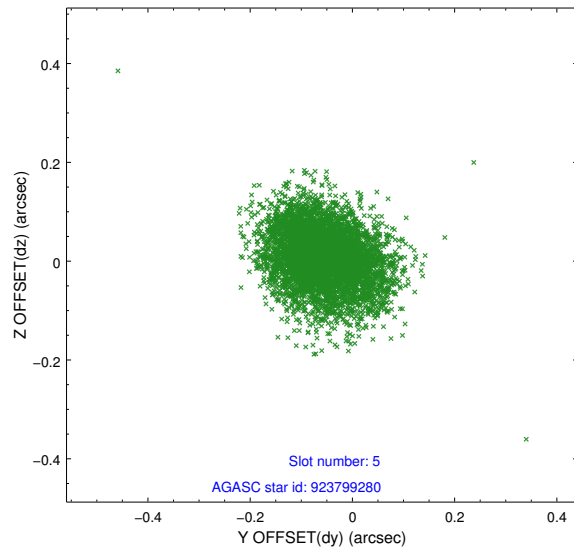
2.4.1 Slot 3



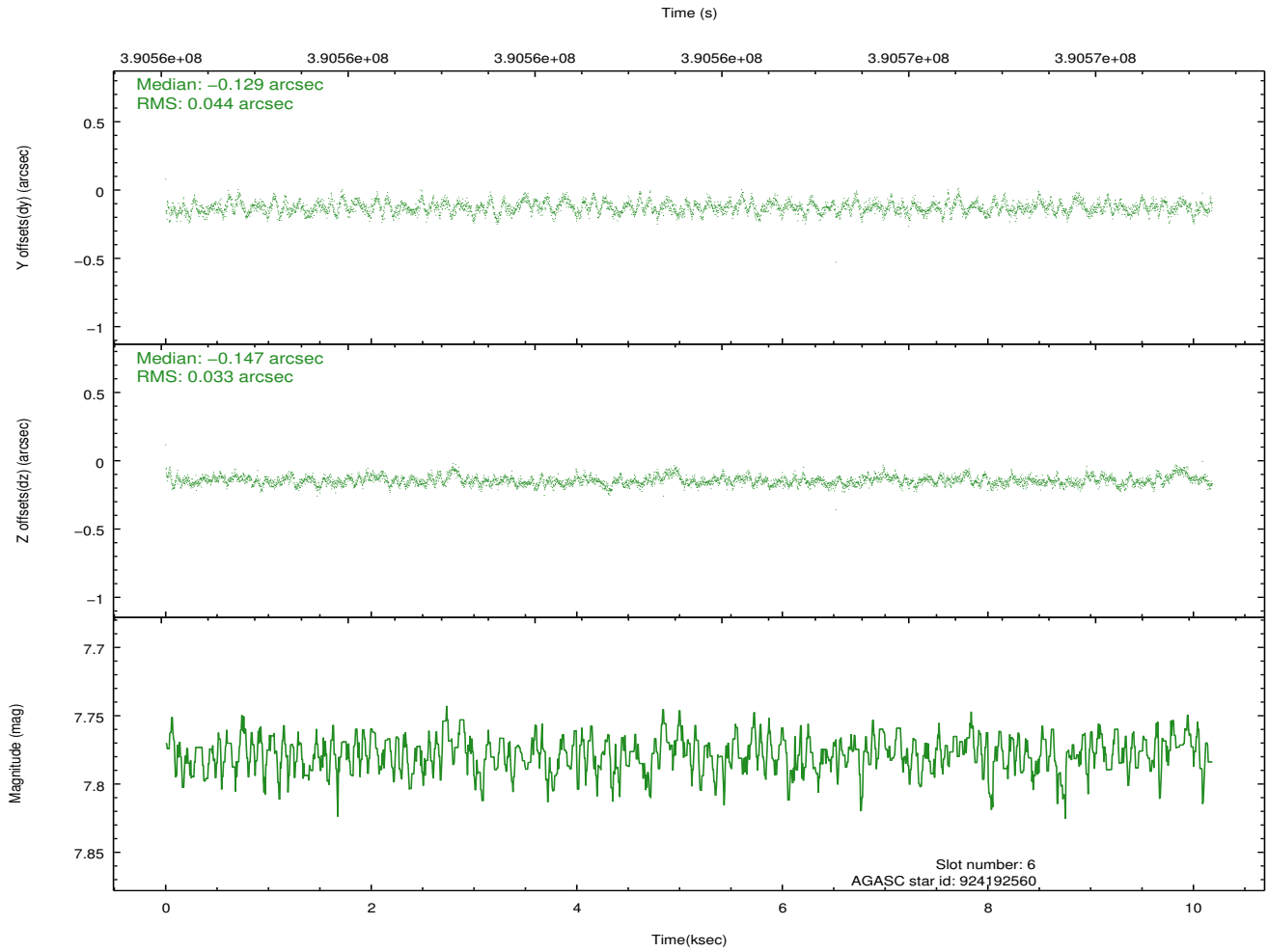
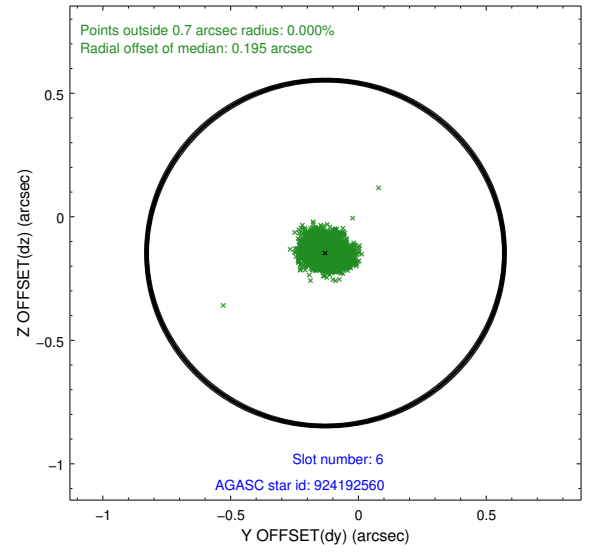
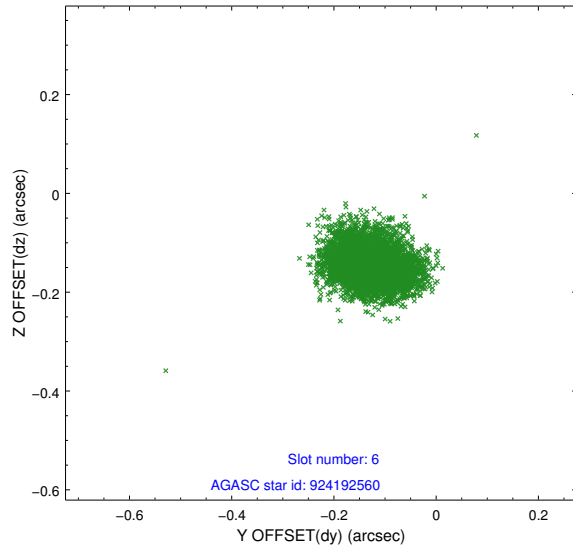
2.4.2 Slot 4



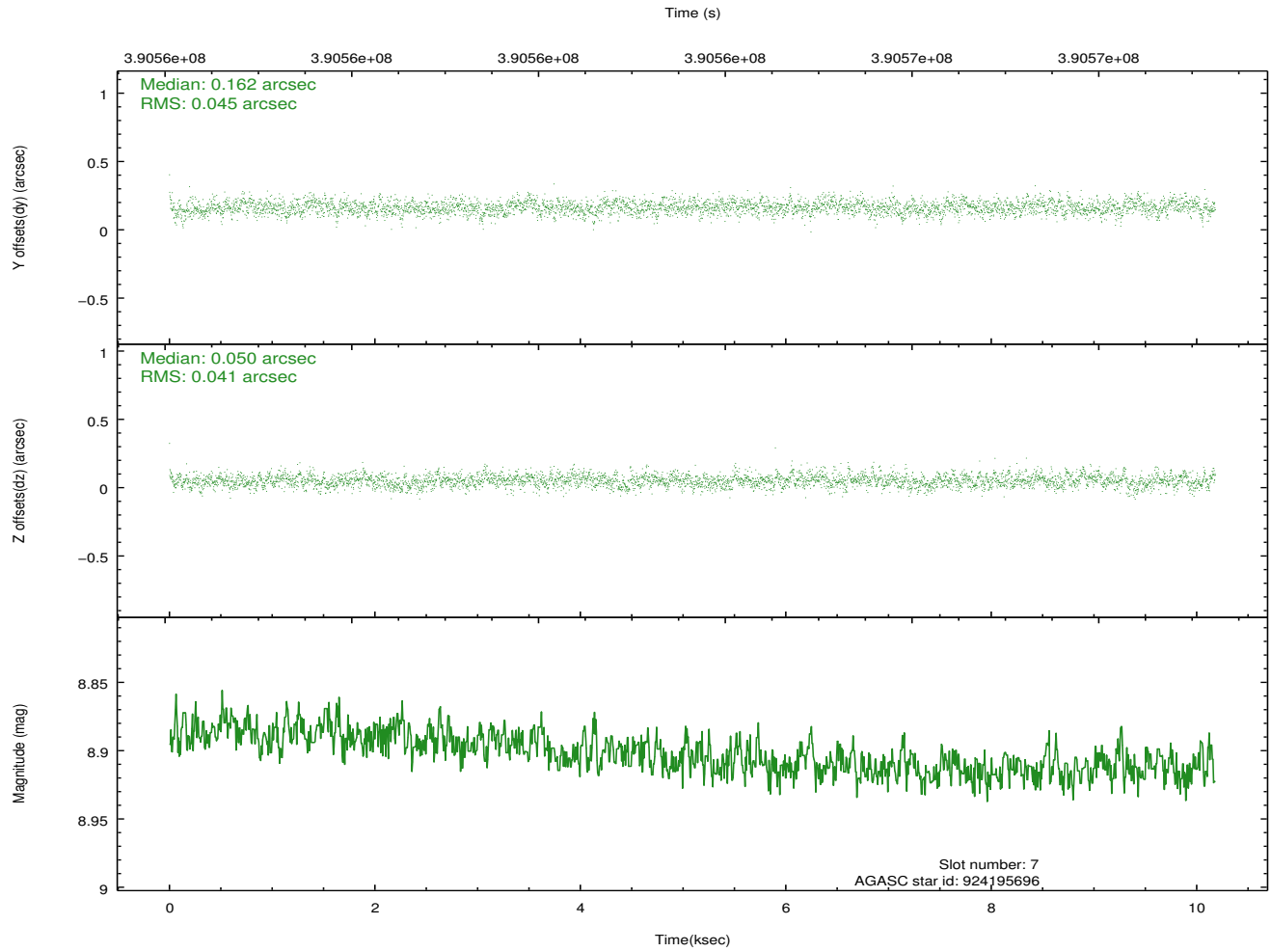
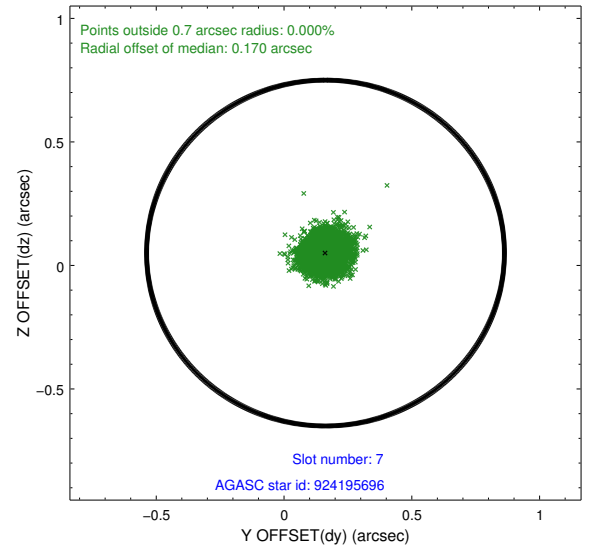
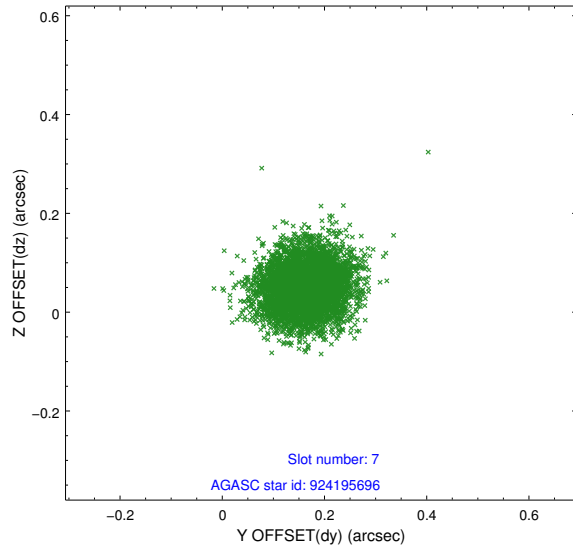
2.4.3 Slot 5



2.4.4 Slot 6

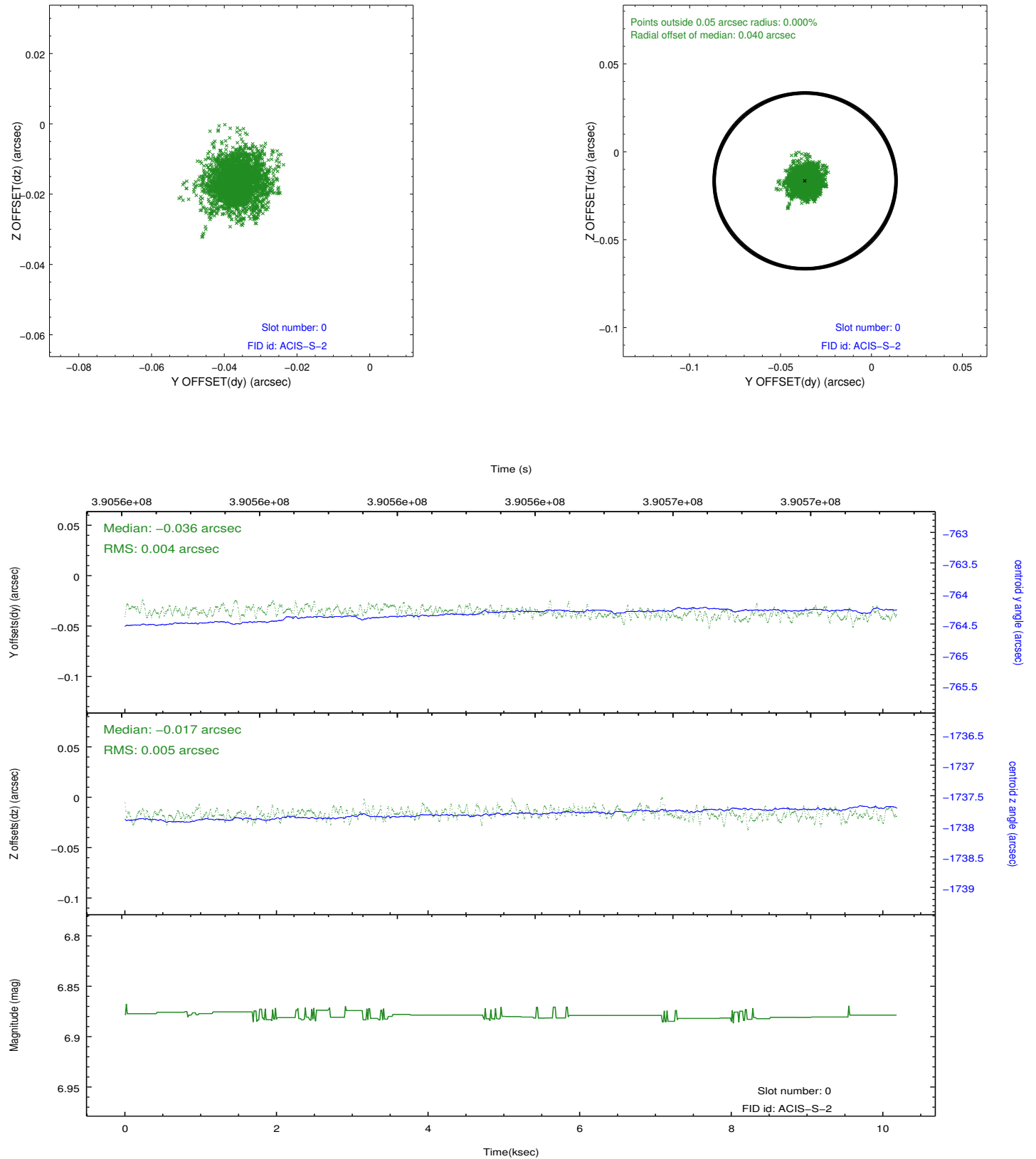


2.4.5 Slot 7

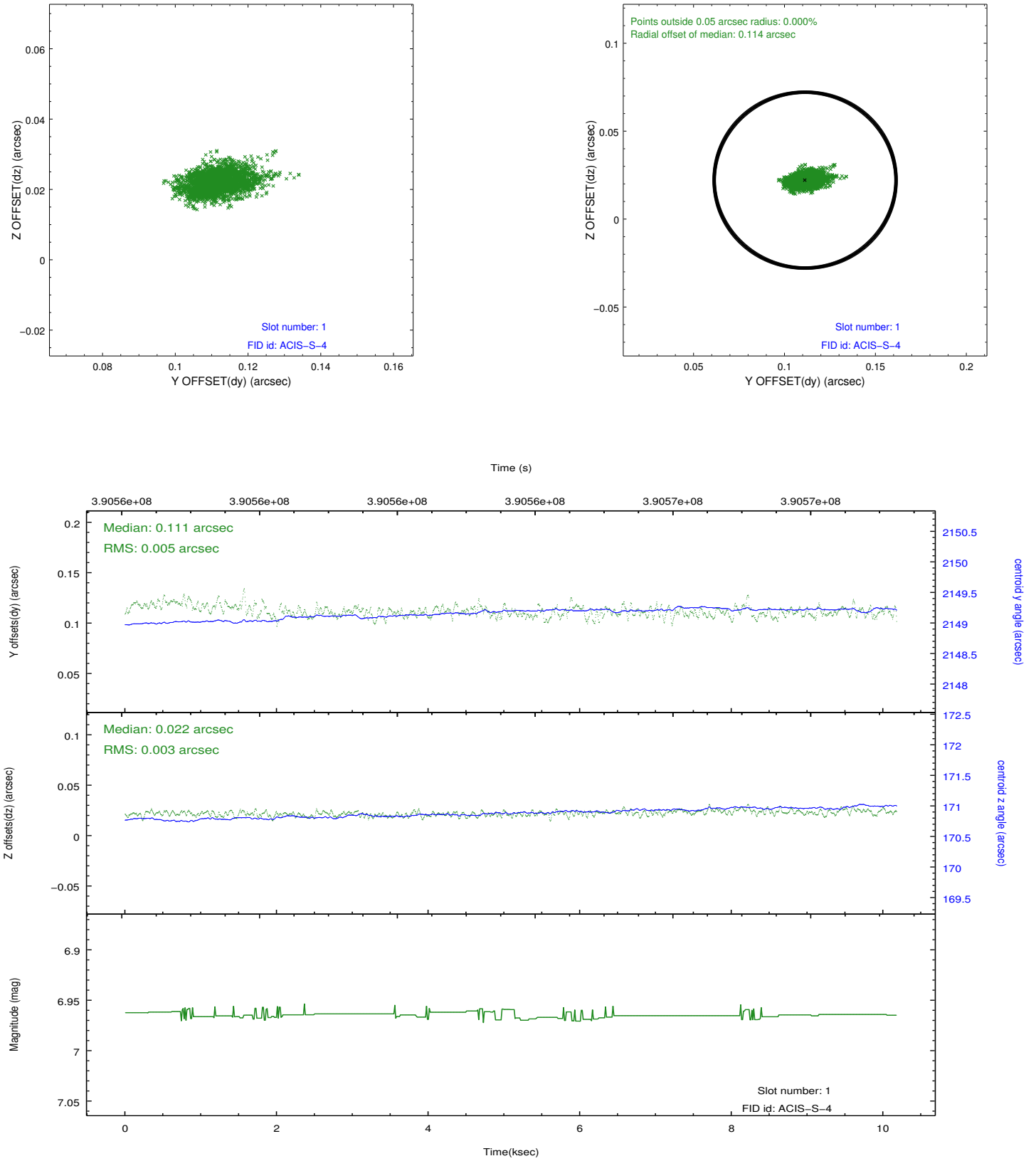


2.5 FID Slots

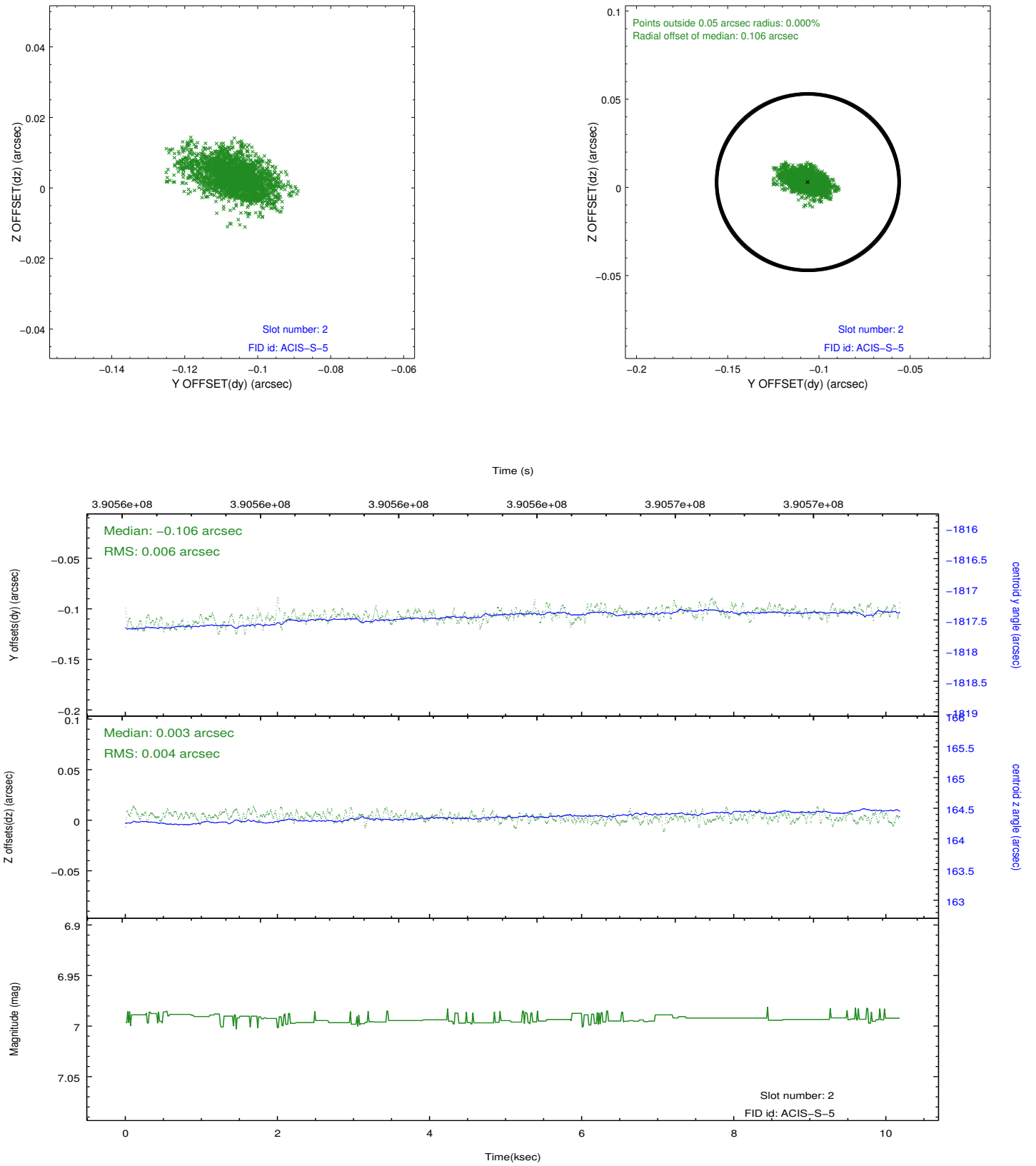
2.5.1 Slot 0



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	10.1775

A.2 Comments