

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6496 - L2 Version 3
Chandra X-Ray Center

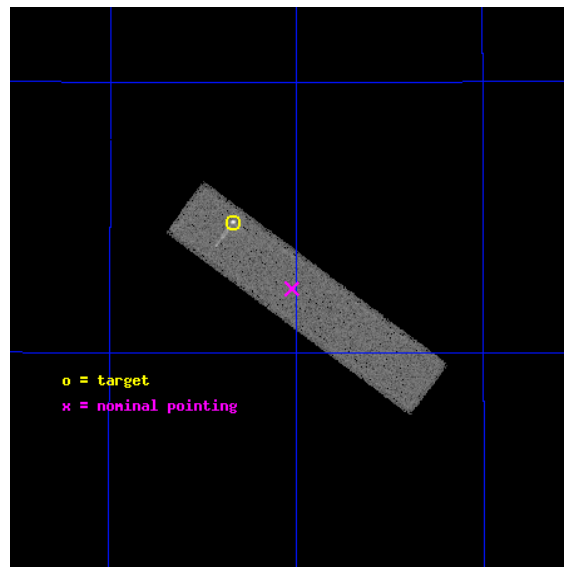
L2 Processing Date : Aug 11 2012

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1 Front

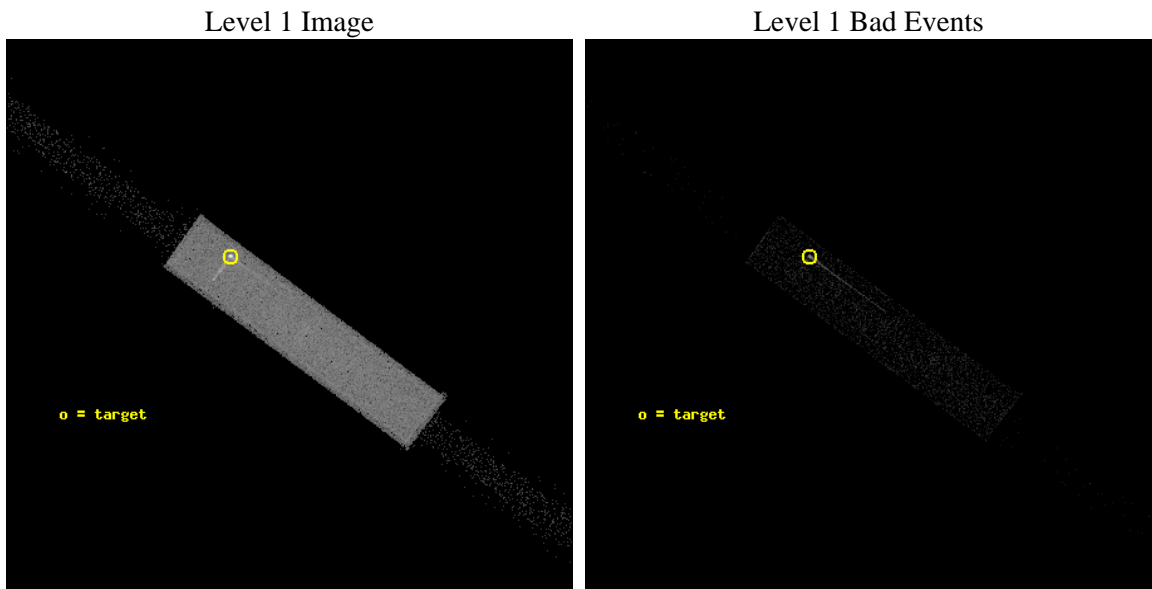
seq_num	290589	Sequence number
obs_id	6496	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.01213319961	Nominal RA [deg]
dec_nom	45.619375191932	Nominal Dec [deg]
roll_nom	36.401810216975	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1149.2813034654	[s]
livetime	1140.6873036924	Ontime multiplied by DTCOR
l2events	59588	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1149.2813034654	[s]
caldsver	4.5.1.1	 	l1events	99870	Number of level 1 events
date	2012-08-11T05:42:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

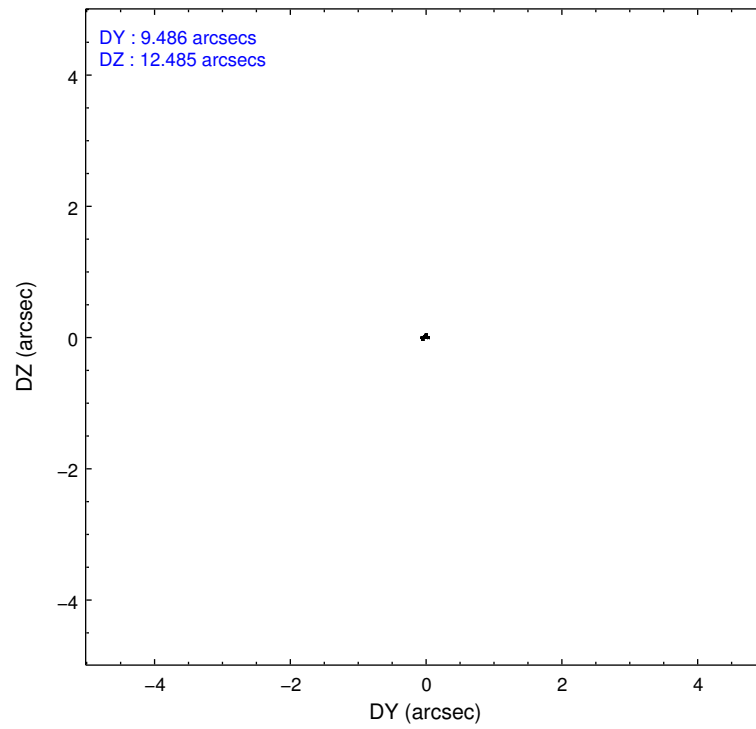
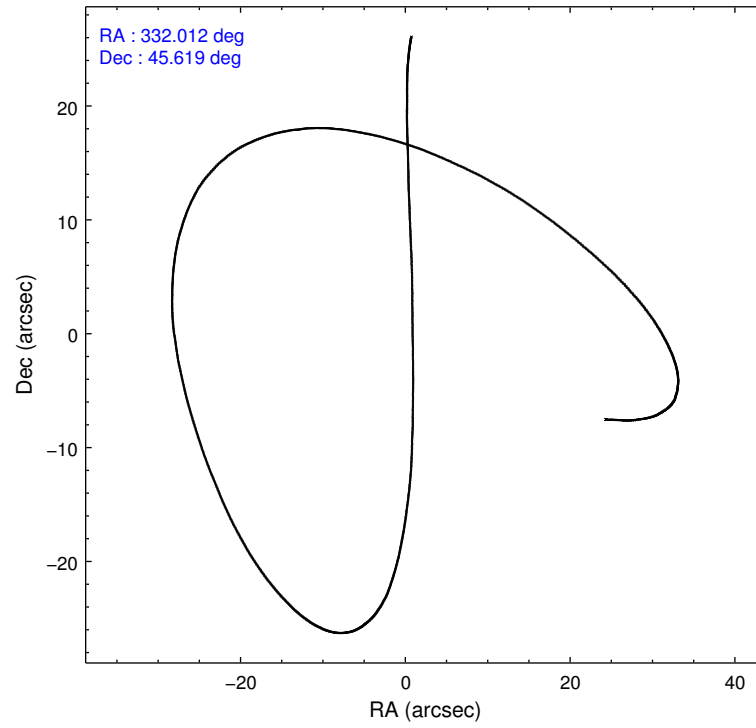
	segment 1	segment 2	segment 3
level 1 events	934	97988	948
rejected events	934	25336	948
rejected %	100%	25%	100%

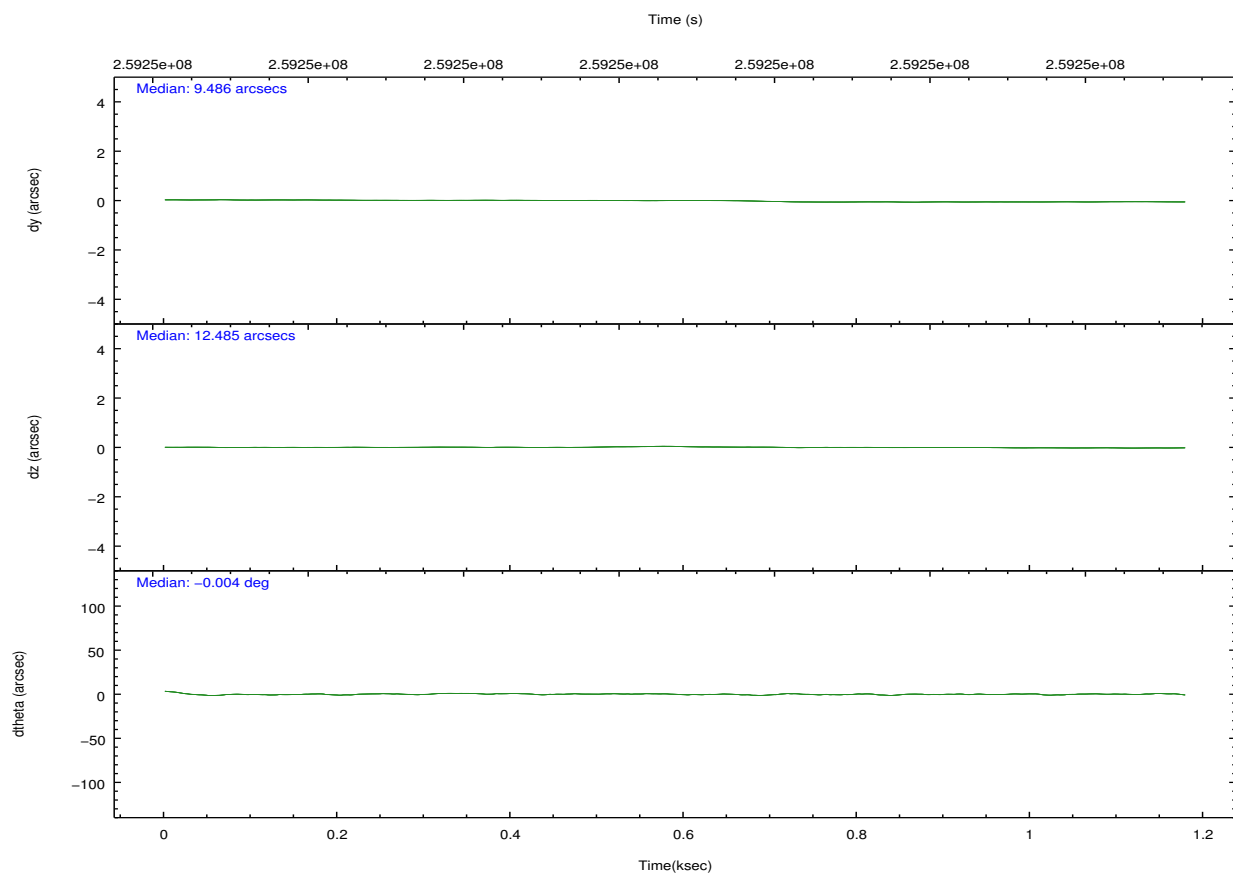
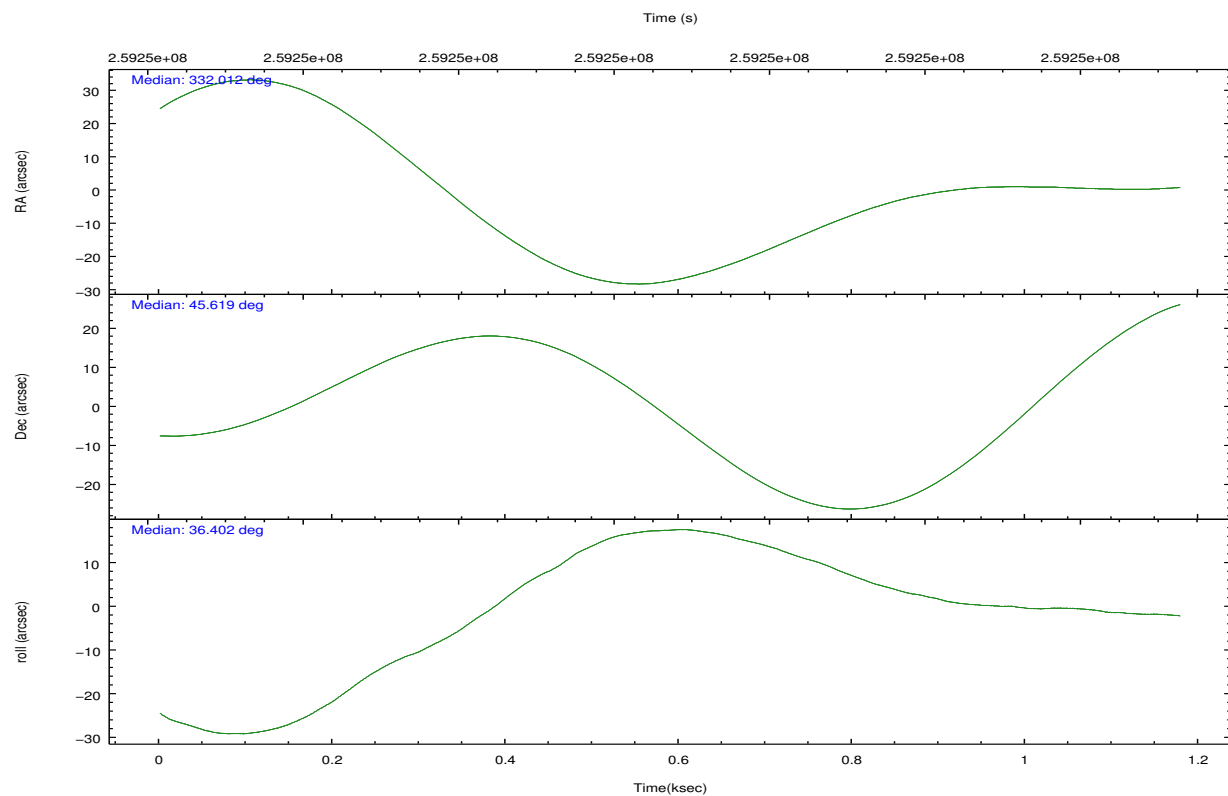
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	331.996950	332.0121331996085
[deg] Pointing Dec	45.592735	45.61937519193204
[deg] Pointing Roll	36.345348	36.40181021697476
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	259250659.184000	259250283.70613
Observation start date	2006-03-20T14:03:14	2006-03-20T13:58:03
[s] Observation end time (MET)	259251659.184000	259251793.5312
Observation end date	2006-03-20T14:19:54	2006-03-20T14:23:13

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



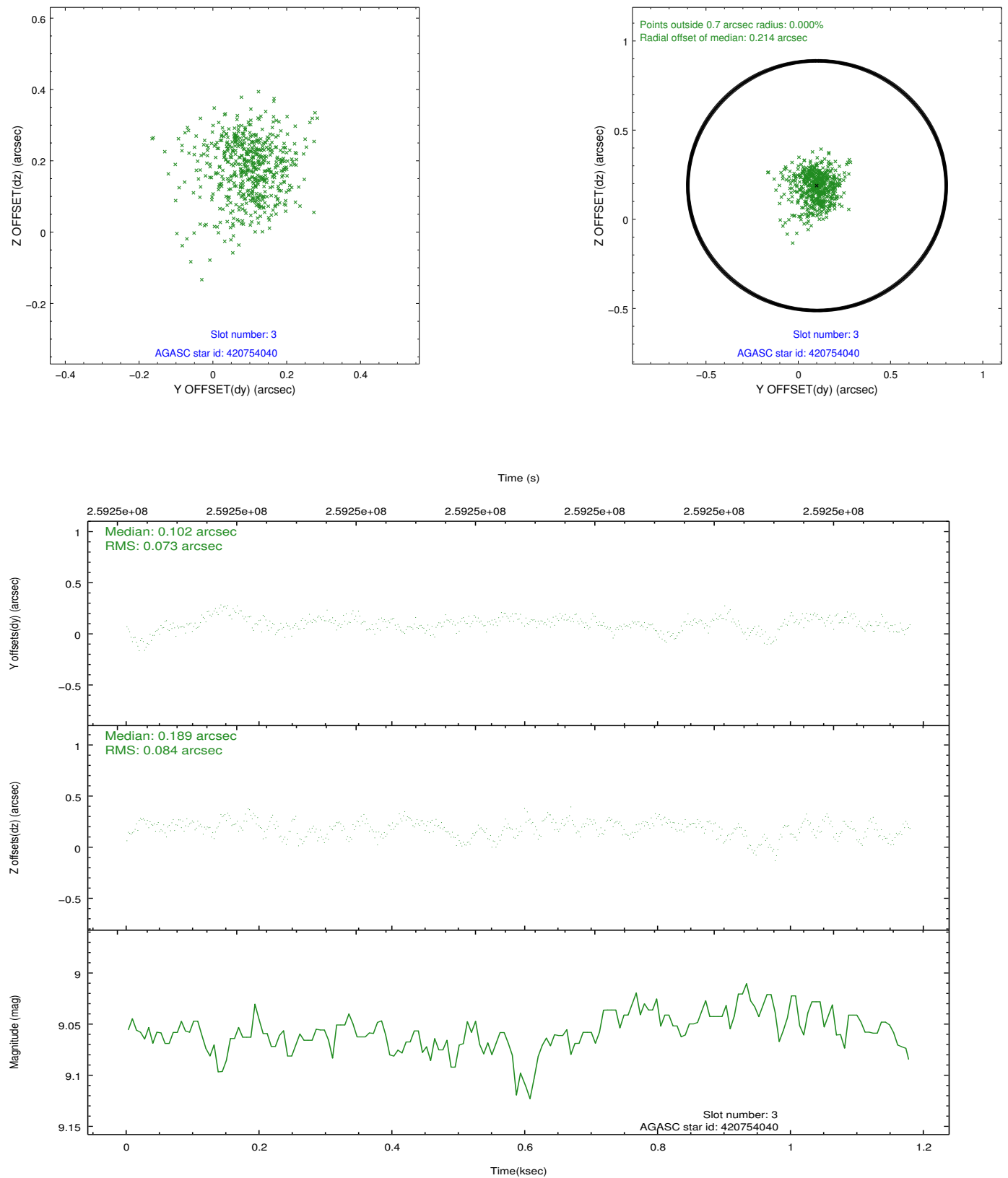


Slot Statistics

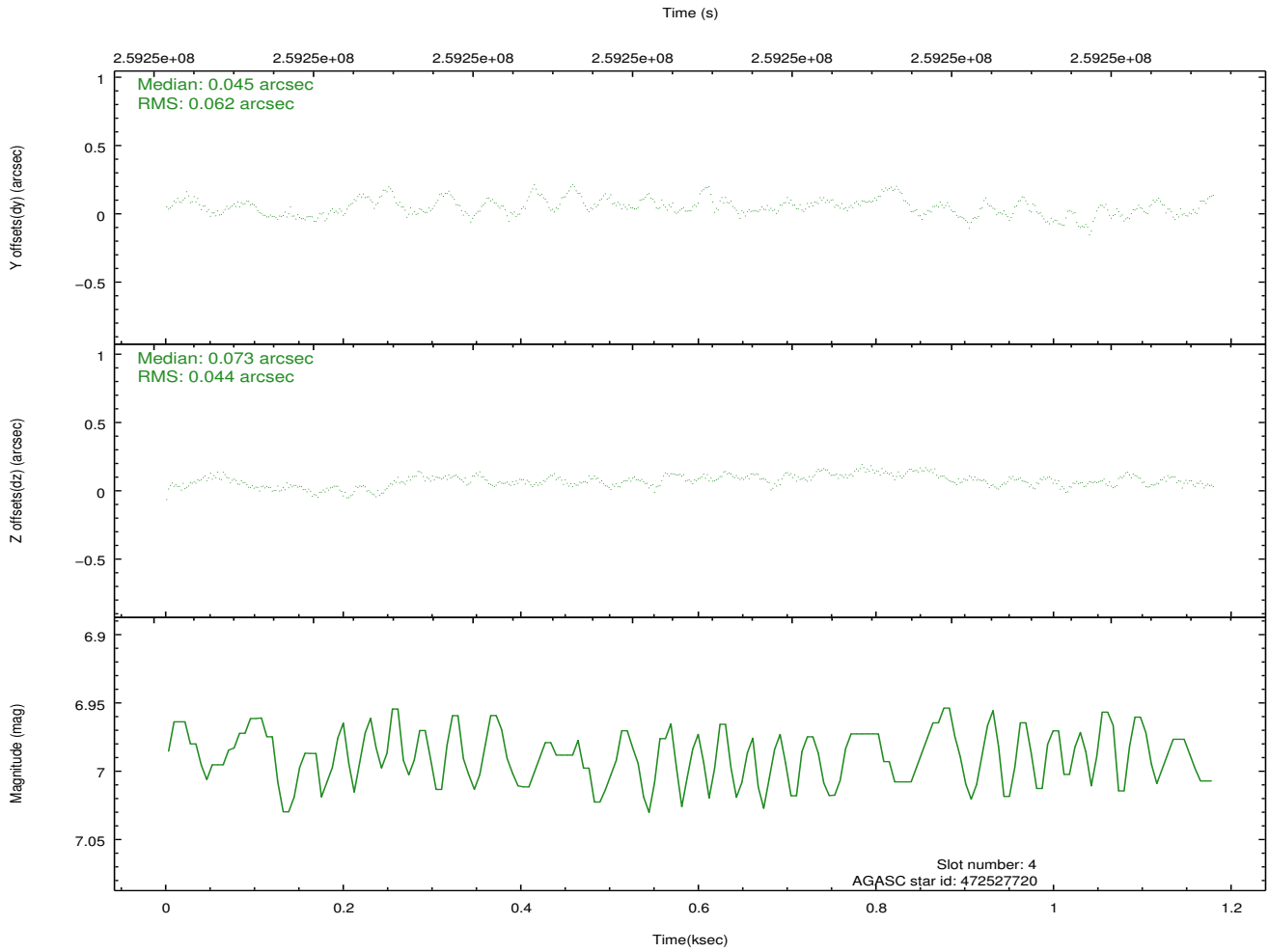
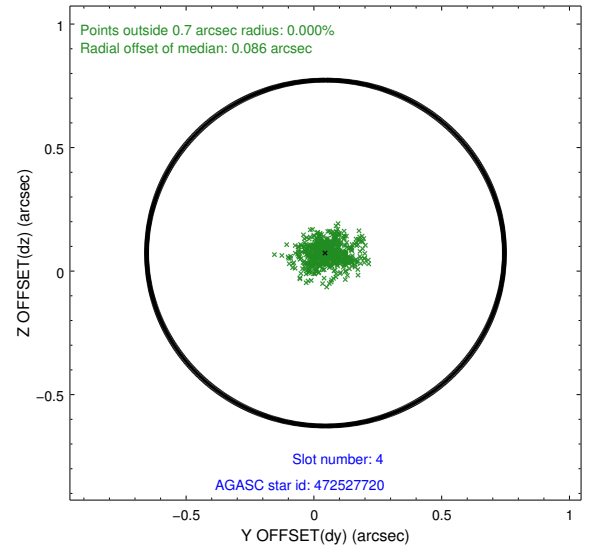
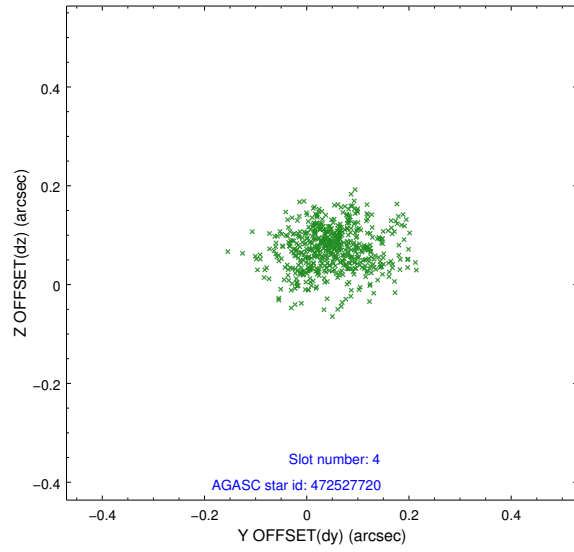
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	288	0.140	-0.130	0.006	0.011	0.000000	0.000000	-1163.65	-461.23
1	FID	HRC-S-2	7.04	288	0.128	-0.104	0.006	0.011	0.000000	0.000000	1231.96	-455.42
2	FID	HRC-S-3	7.05	288	0.122	-0.068	0.007	0.011	0.000000	0.000000	-1162.12	566.77
3	GUIDE	420754040	9.06	575	0.102	0.189	0.112	0.203	331.917939	44.882543	-1677.69	-1938.29
4	GUIDE	472527720	6.99	576	0.045	0.073	0.080	0.140	331.460205	45.112509	-2124.05	-582.40
5	GUIDE	472651904	6.44	576	-0.013	-0.243	0.088	0.134	332.170077	45.742257	664.93	176.94
6	GUIDE	472655152	9.43	576	0.185	-0.067	0.102	0.195	332.504239	45.862991	1603.74	34.96
7	GUIDE	472661712	10.01	573	-0.326	0.044	0.130	0.203	331.914954	46.059715	833.01	1477.28

2.4 Star Slots

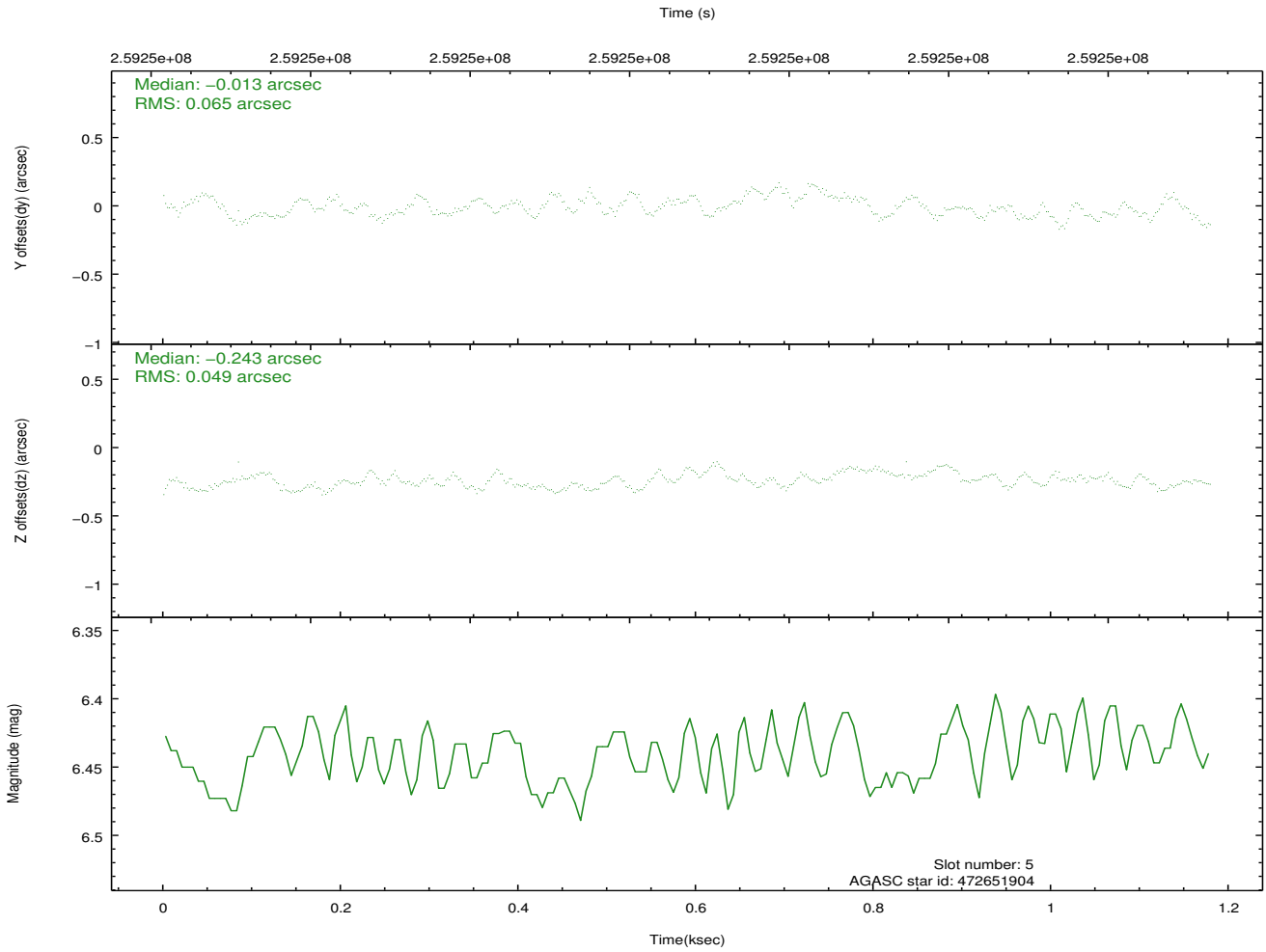
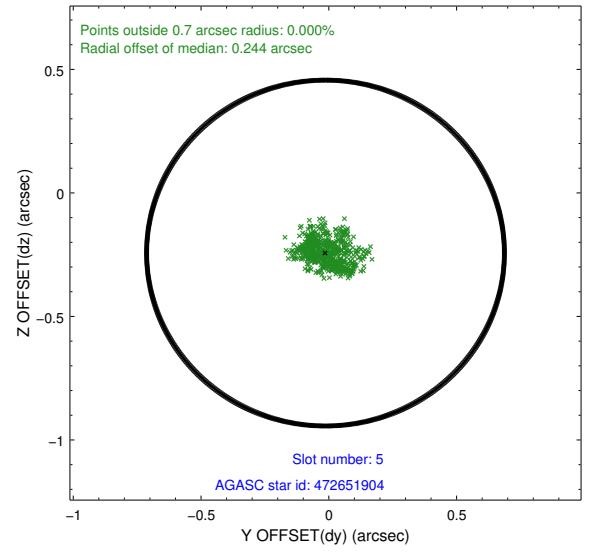
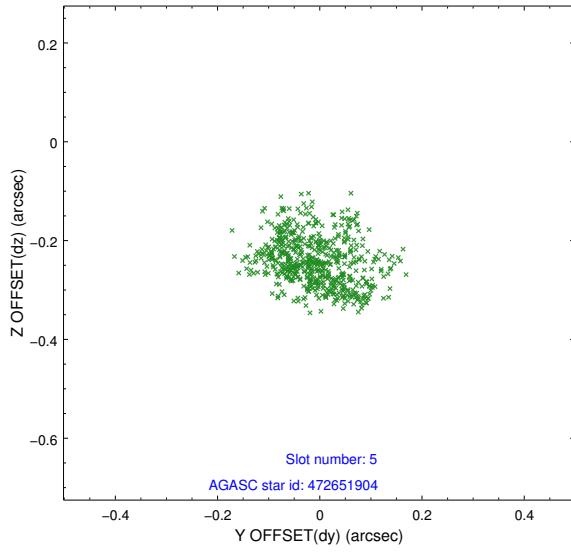
2.4.1 Slot 3



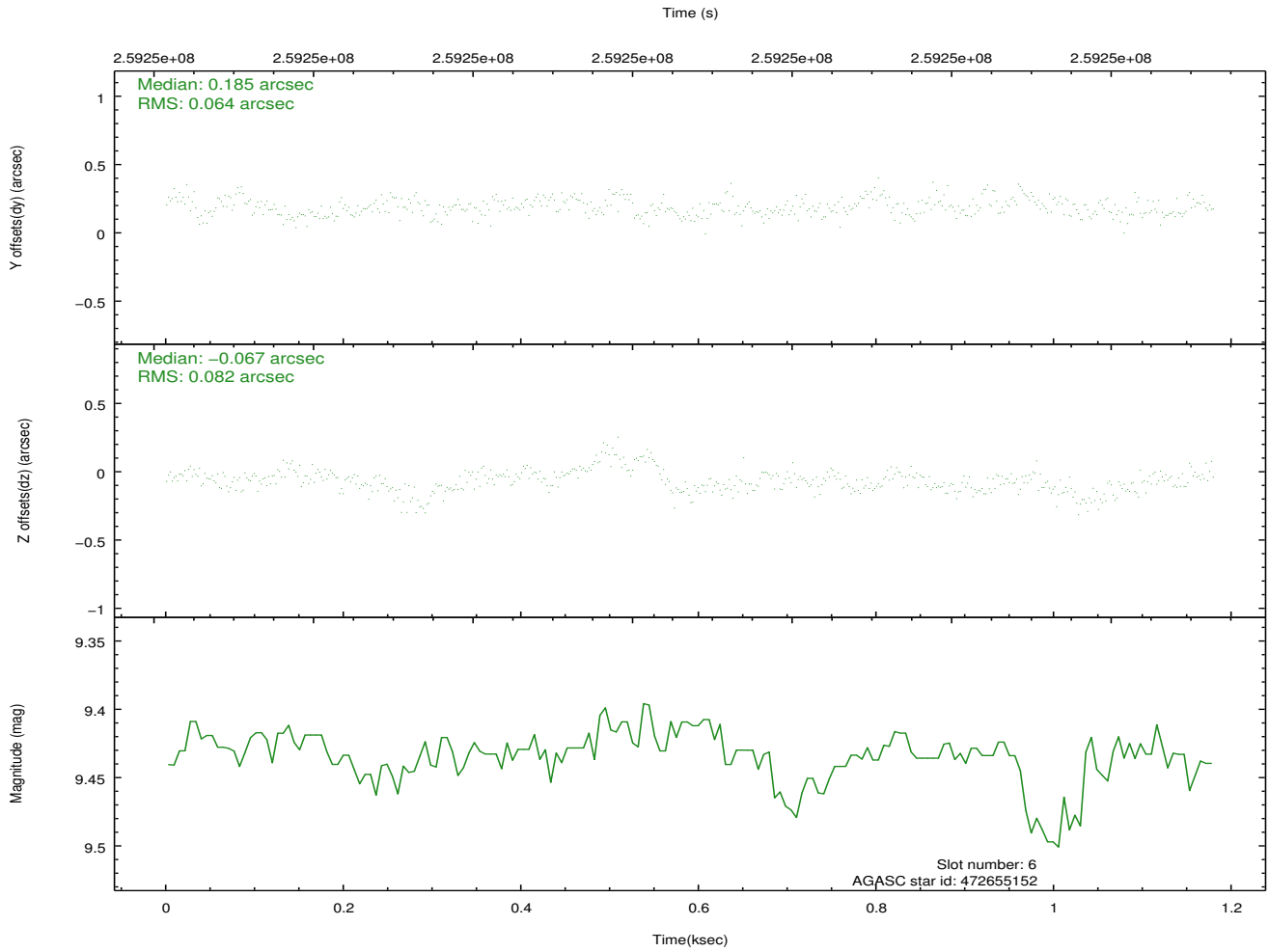
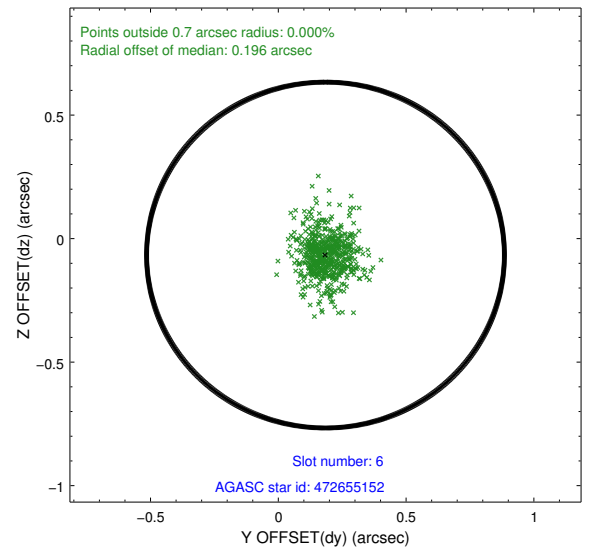
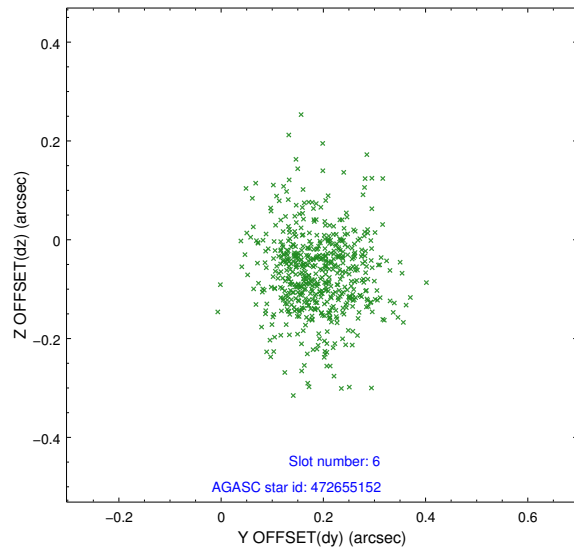
2.4.2 Slot 4



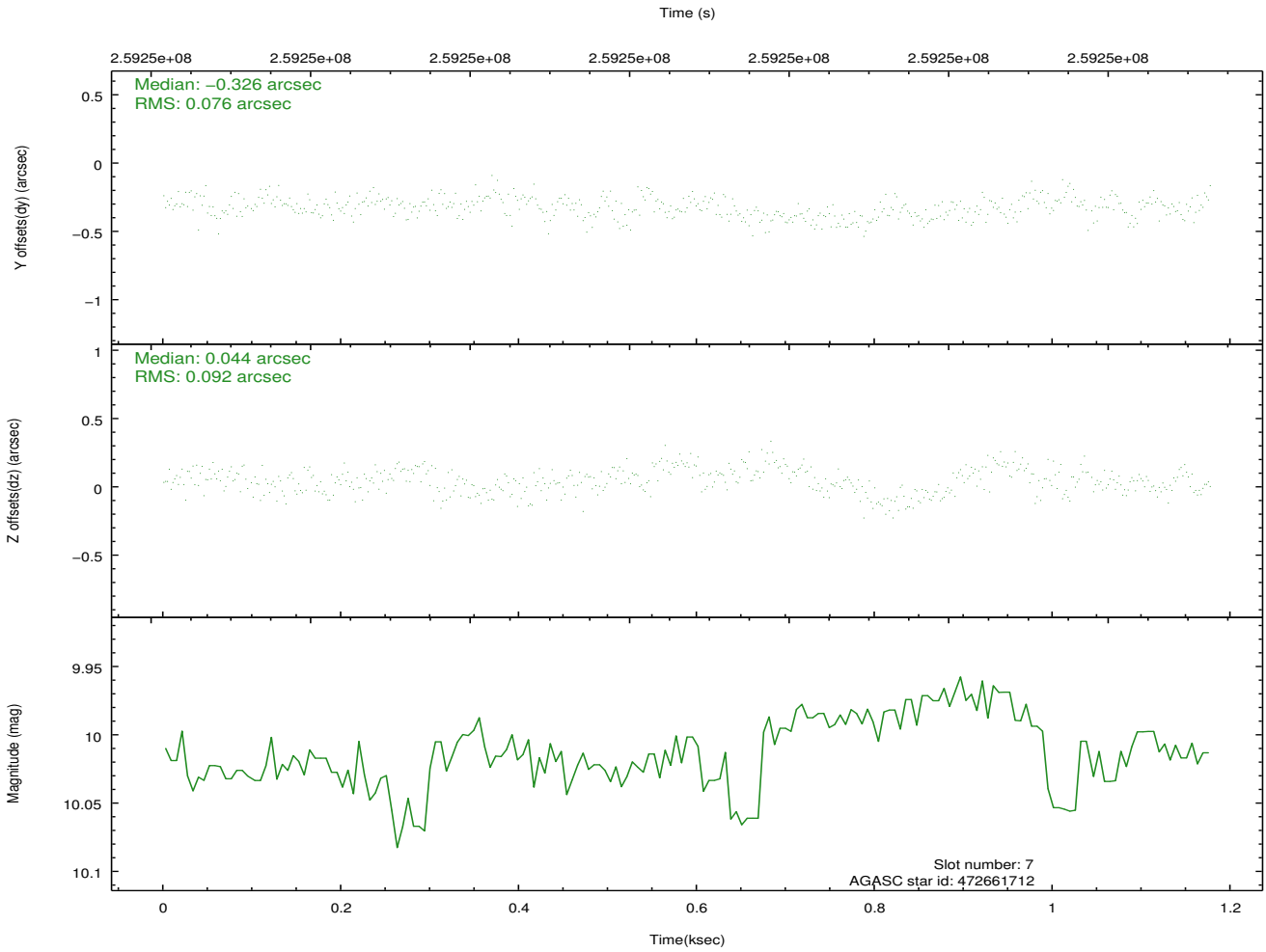
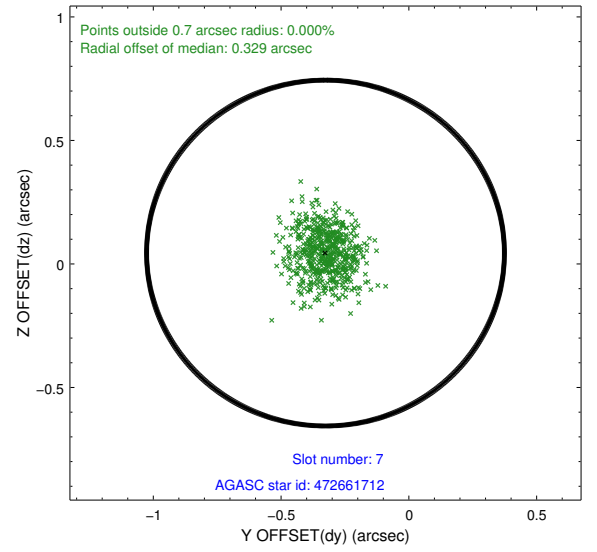
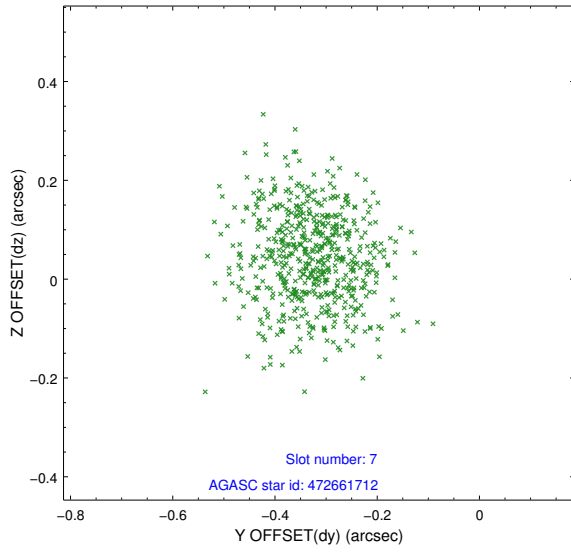
2.4.3 Slot 5



2.4.4 Slot 6

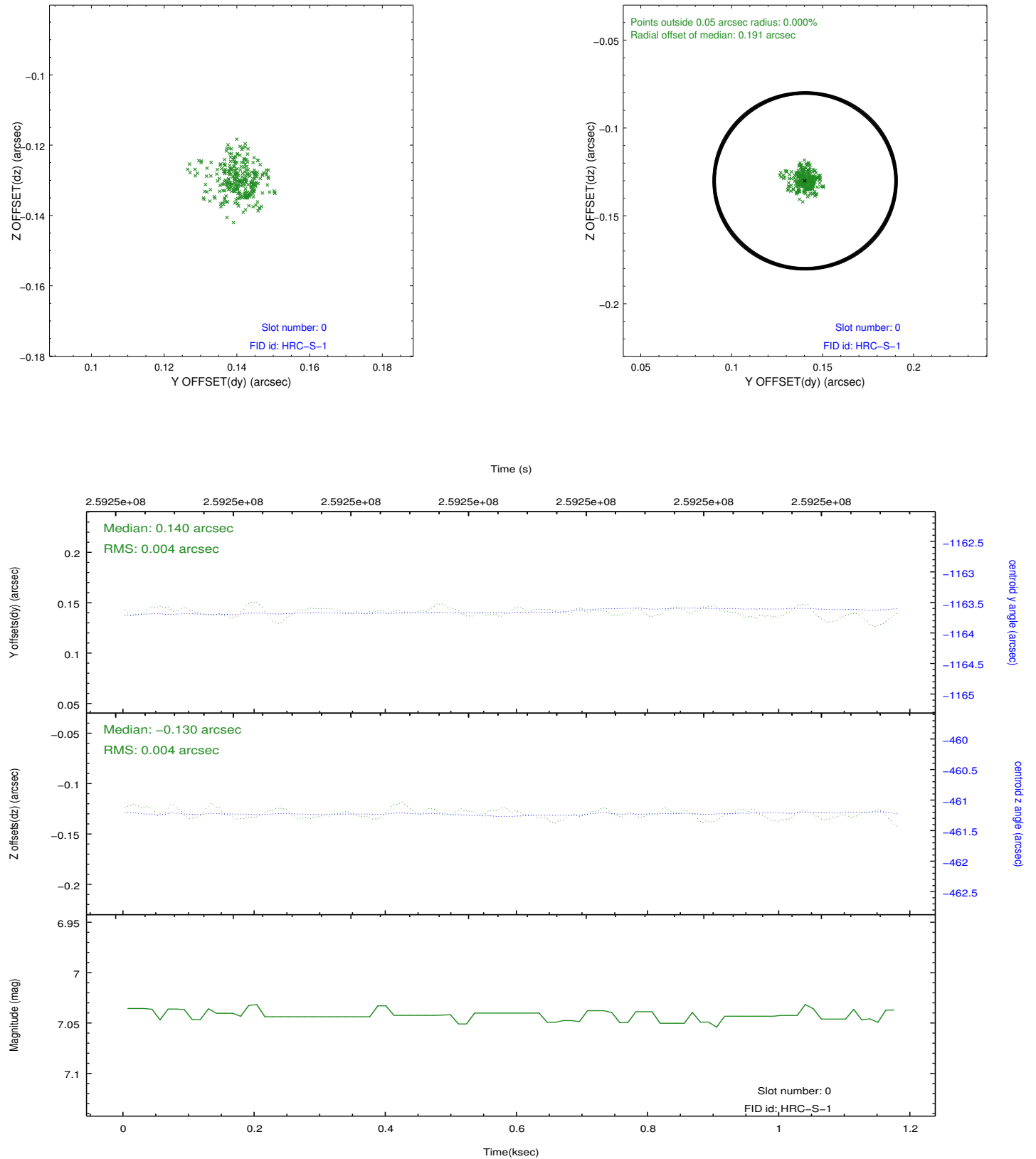


2.4.5 Slot 7

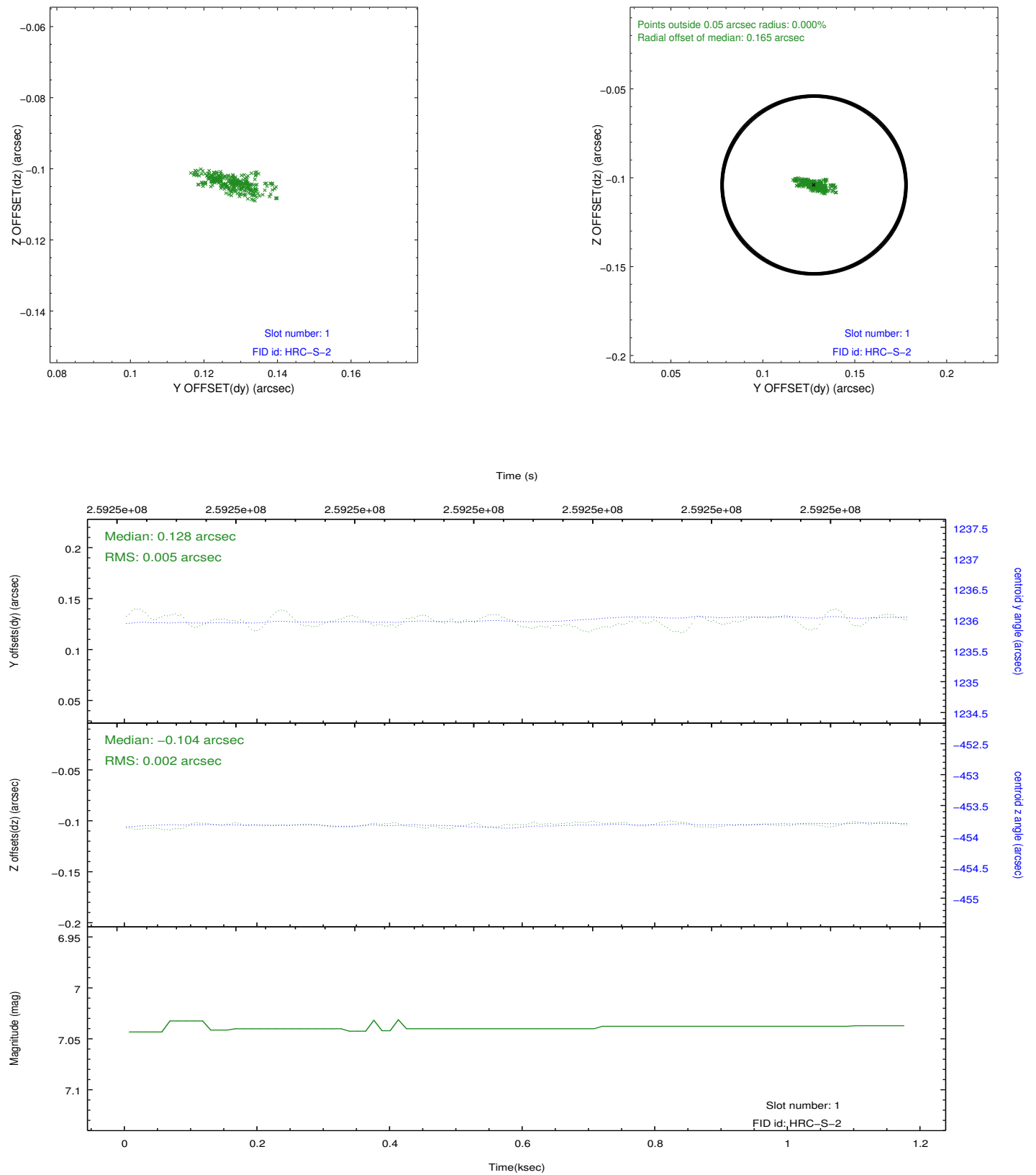


2.5 FID Slots

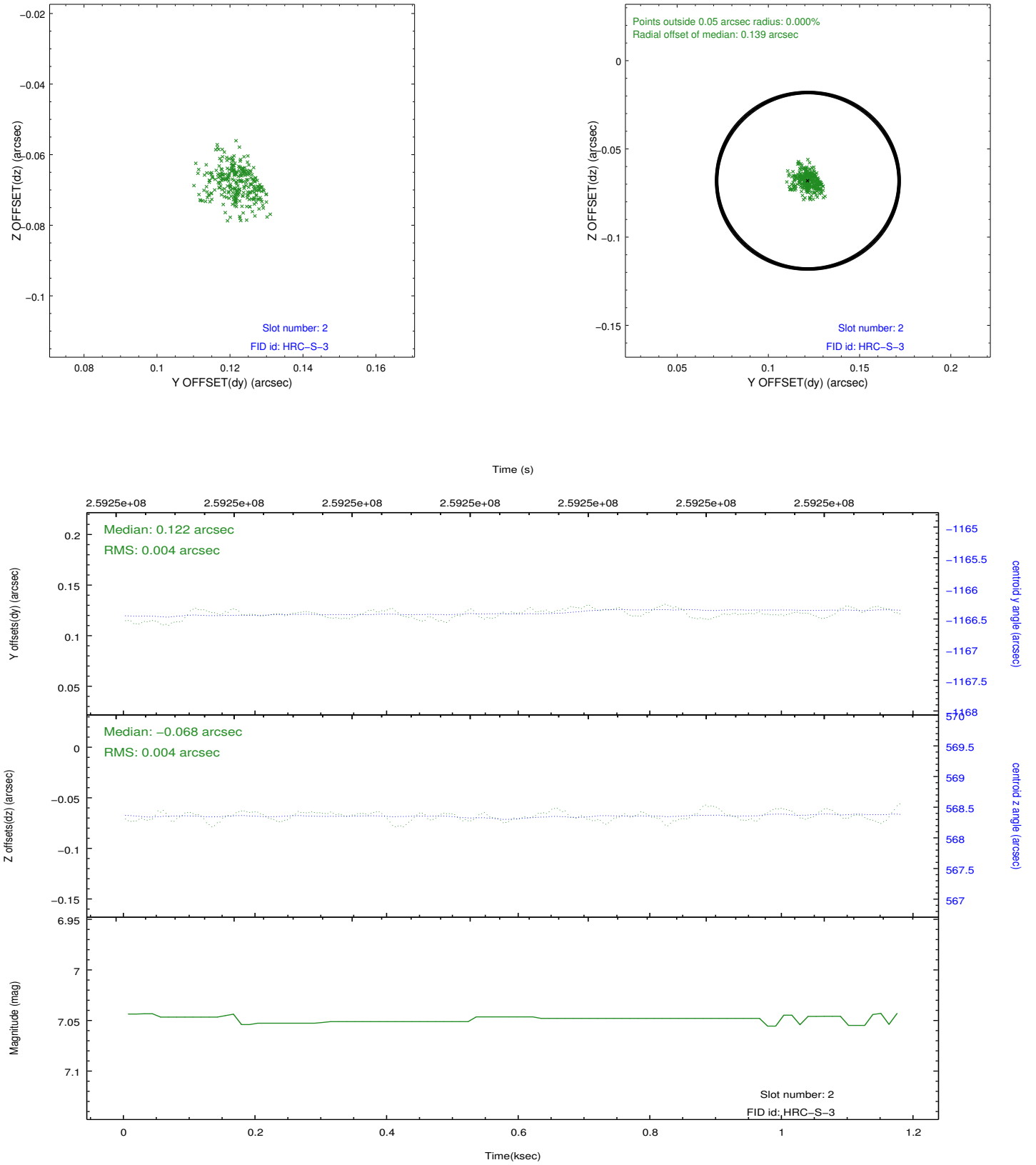
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.14902505

A.2 Comments