

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13077 - L2 Version 4
Chandra X-Ray Center

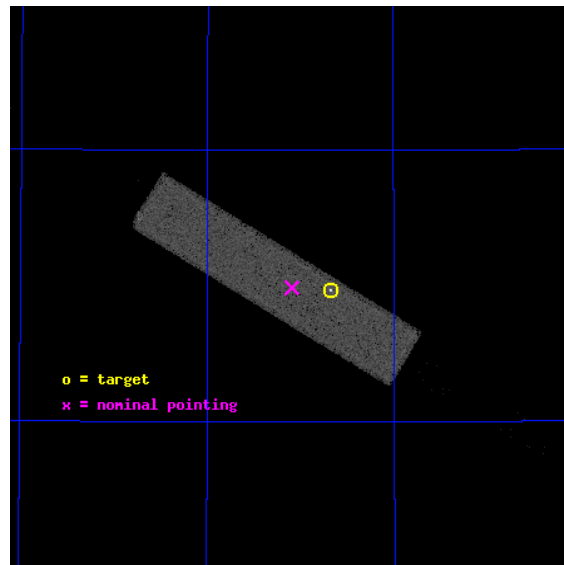
L2 Processing Date : Aug 9 2012

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1 Front

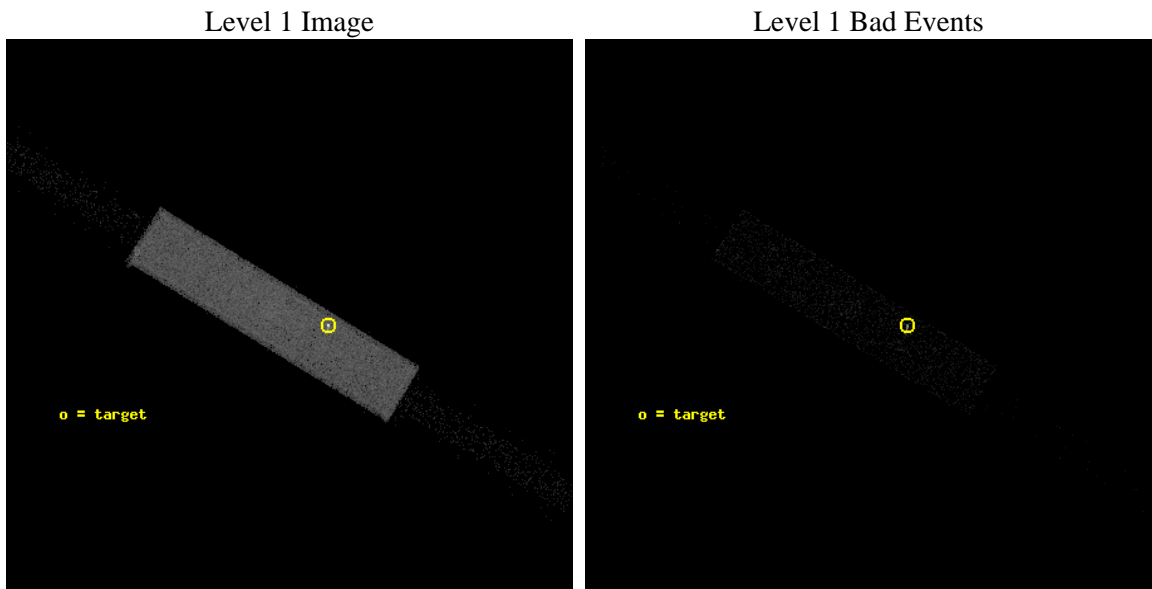
seq_num	290996	Sequence number
obs_id	13077	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.27350361651	Nominal RA [deg]
dec_nom	45.746855946447	Nominal Dec [deg]
roll_nom	211.25242253335	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1149.2813103199	[s]
livetime	1141.2513159177	Ontime multiplied by DTCOR
l2events	59929	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	1149.2813103199	[s]
caldbver	4.5.1.1	 	l1events	93471	Number of level 1 events
date	2012-08-10T01:50:00	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

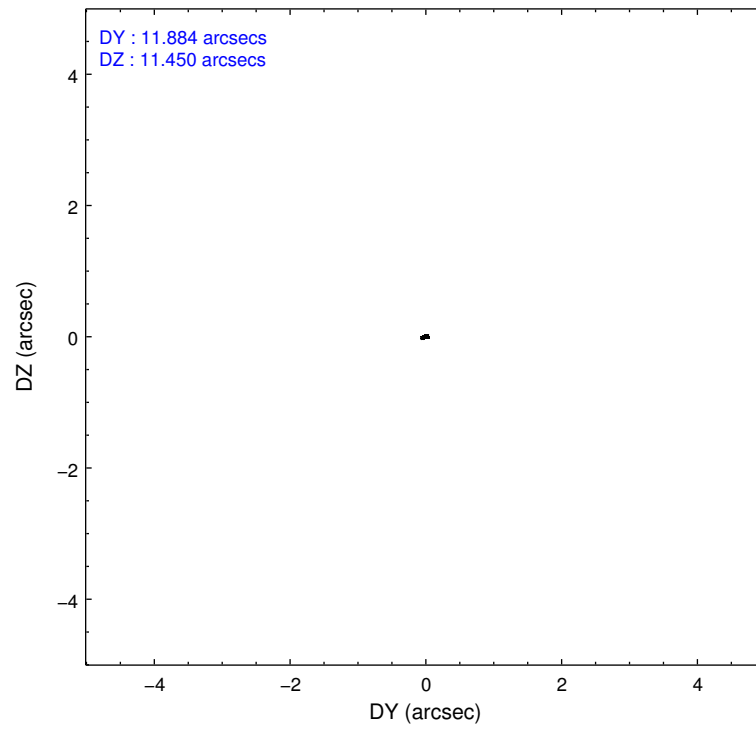
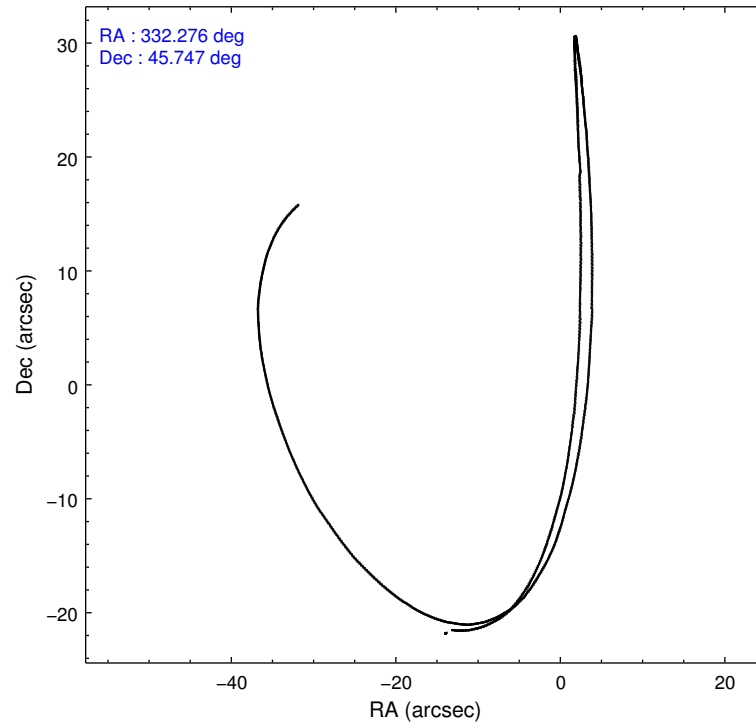
	segment 1	segment 2	segment 3
level 1 events	765	91912	794
rejected events	762	21450	761
rejected %	99%	23%	95%

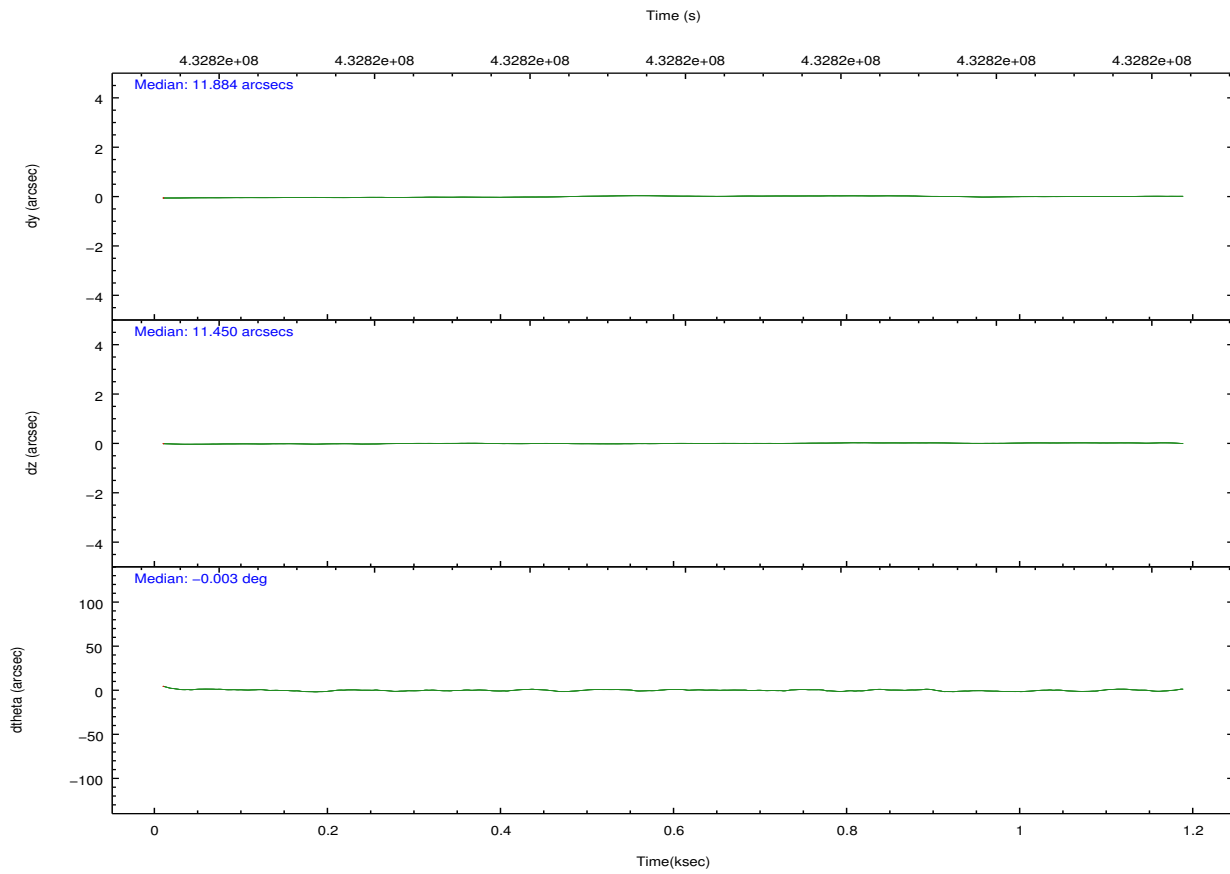
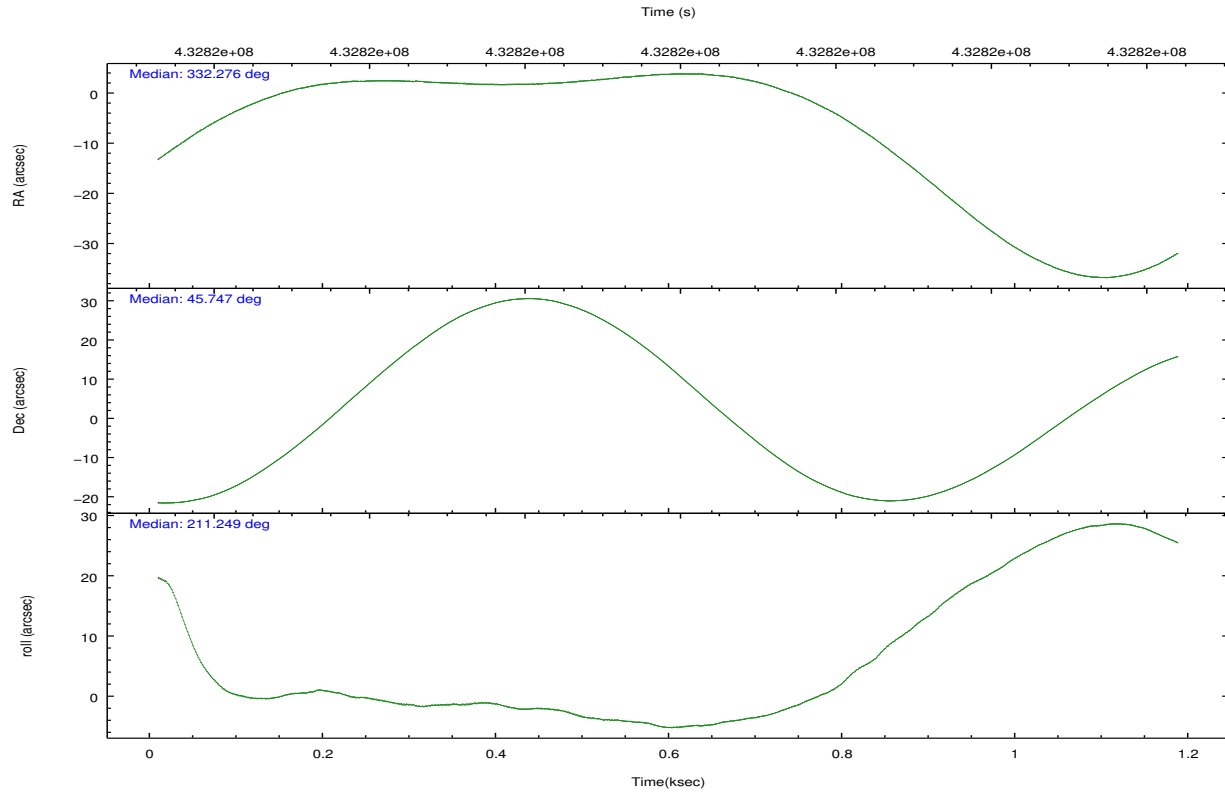
2.2 Compared Parameters

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	332.291608	332.2735036165124
[deg] Pointing Dec	45.773071	45.74685594644716
[deg] Pointing Roll	211.171932	211.2524225333532
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432815582.184000	432815205.77506
Observation start date	2011-09-19T10:31:56	2011-09-19T10:26:45
[s] Observation end time (MET)	432816582.184000	432816715.60014
Observation end date	2011-09-19T10:48:36	2011-09-19T10:51:55

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

2.3 Aspect



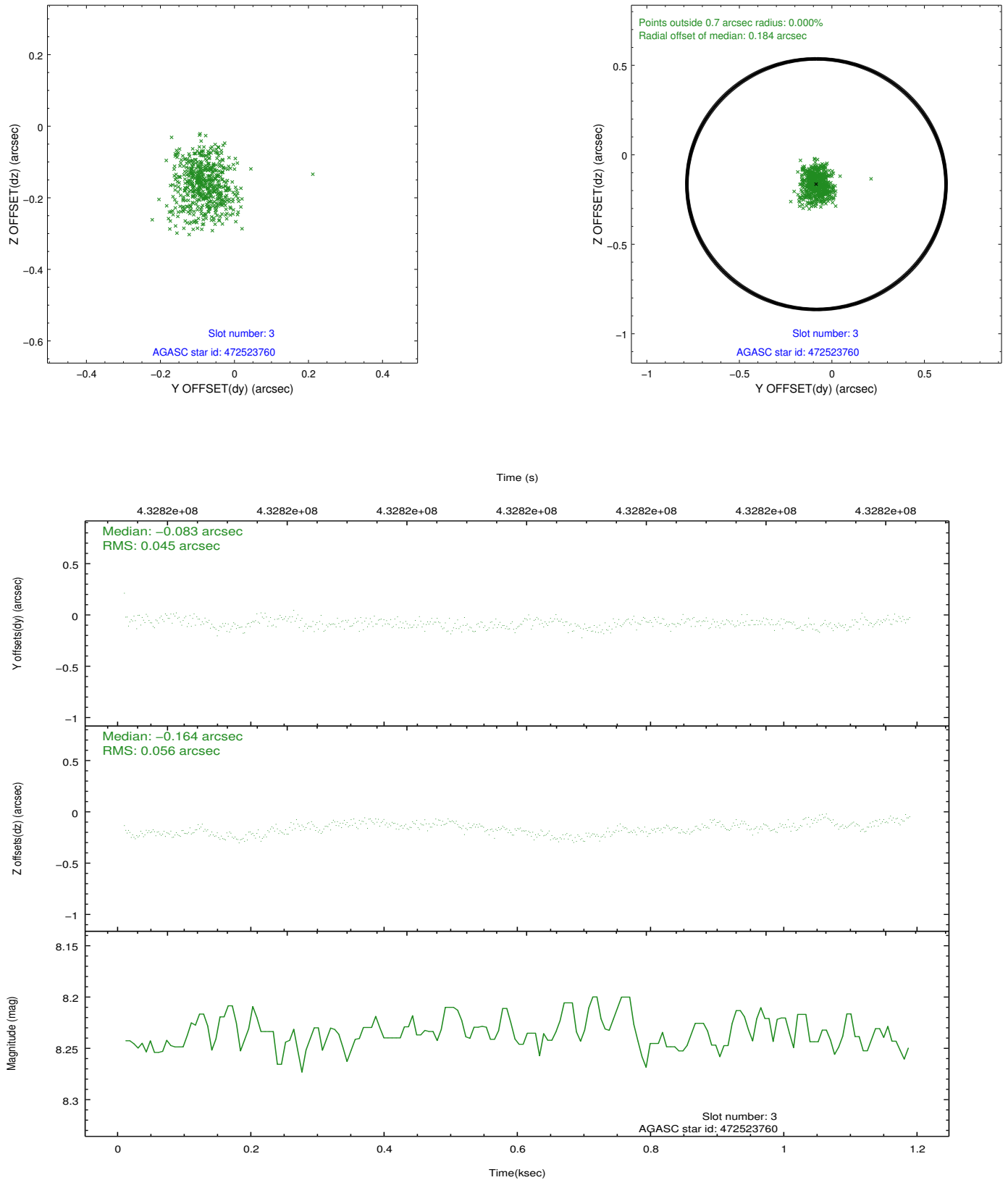


Slot Statistics

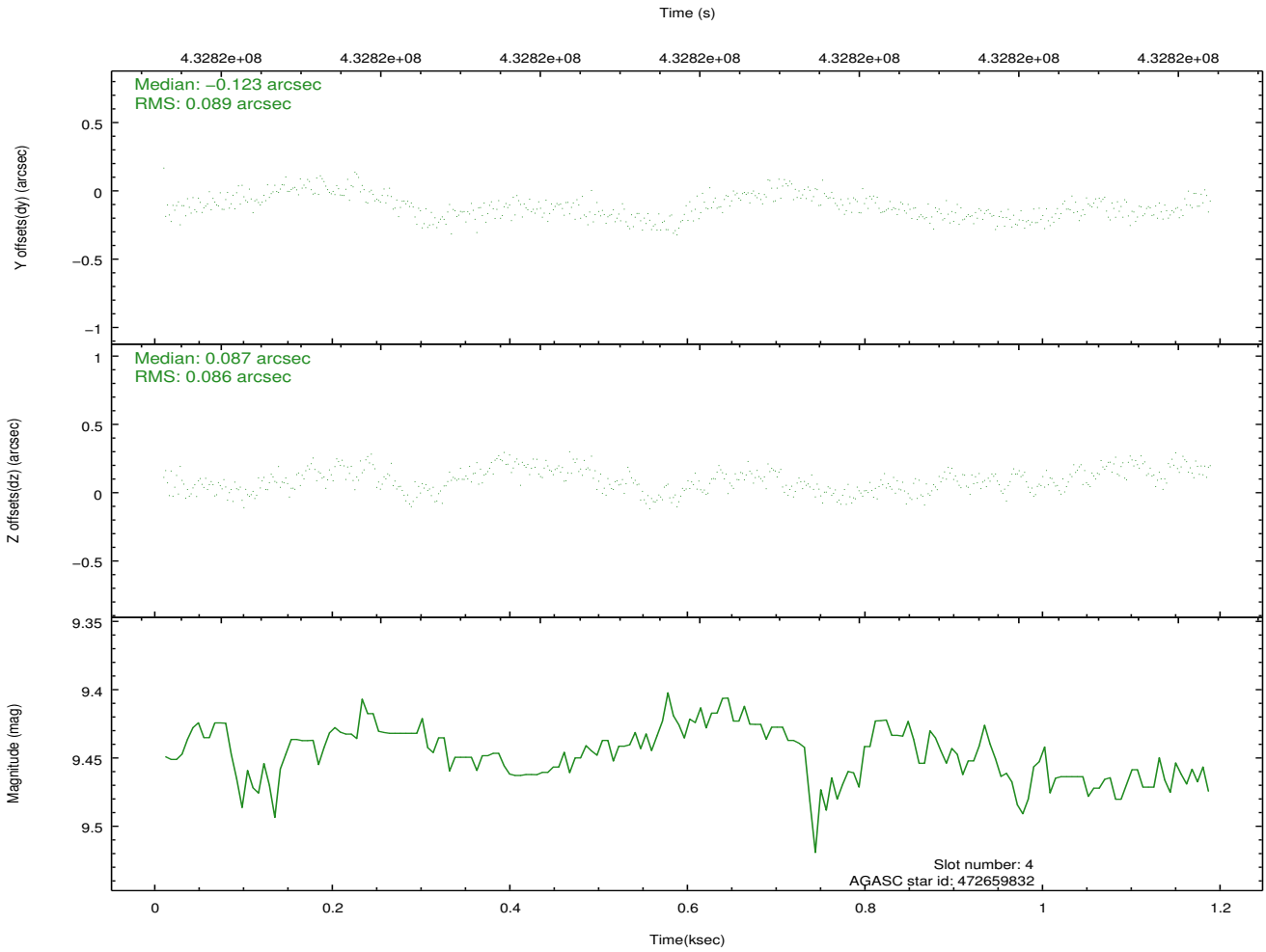
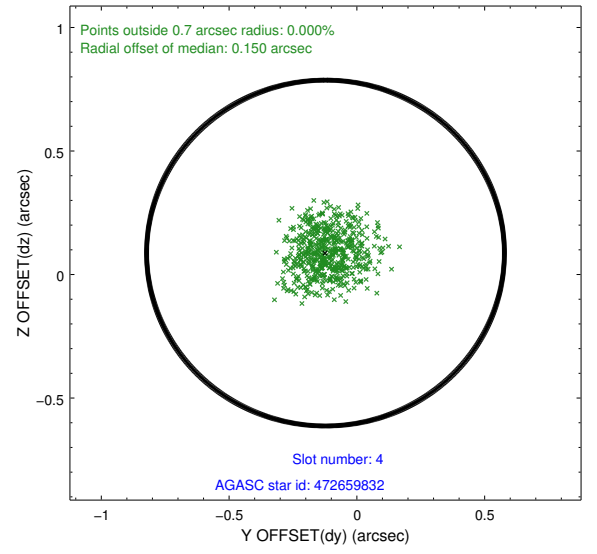
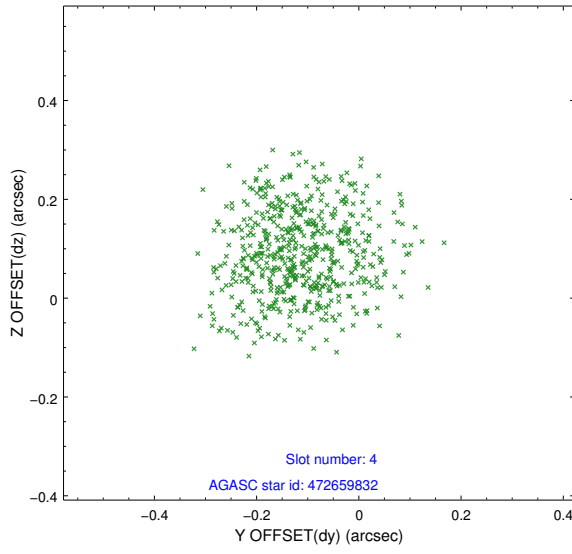
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	288	-0.040	-0.148	0.004	0.008	0.000000	0.000000	-1166.32	-460.12
1	FID	HRC-S-2	6.97	288	0.202	-0.115	0.008	0.014	0.000000	0.000000	1229.53	-454.33
2	FID	HRC-S-4	6.93	288	0.241	-0.040	0.007	0.013	0.000000	0.000000	1236.47	570.48
3	GUIDE	472523760	8.24	576	-0.083	-0.164	0.077	0.120	331.645363	45.403260	2082.71	287.17
4	GUIDE	472659832	9.45	576	-0.123	0.087	0.137	0.210	332.780399	46.098139	-1648.80	-373.06
5	GUIDE	472665256	9.00	574	0.155	0.011	0.096	0.171	332.808125	46.195041	-1893.12	-638.58
6	GUIDE	472654568	9.39	575	-0.108	0.036	0.163	0.239	332.194449	45.063576	1529.36	2055.65
7	GUIDE	472663080	9.41	574	0.165	0.060	0.106	0.176	332.652741	46.473840	-2070.79	-1694.05

2.4 Star Slots

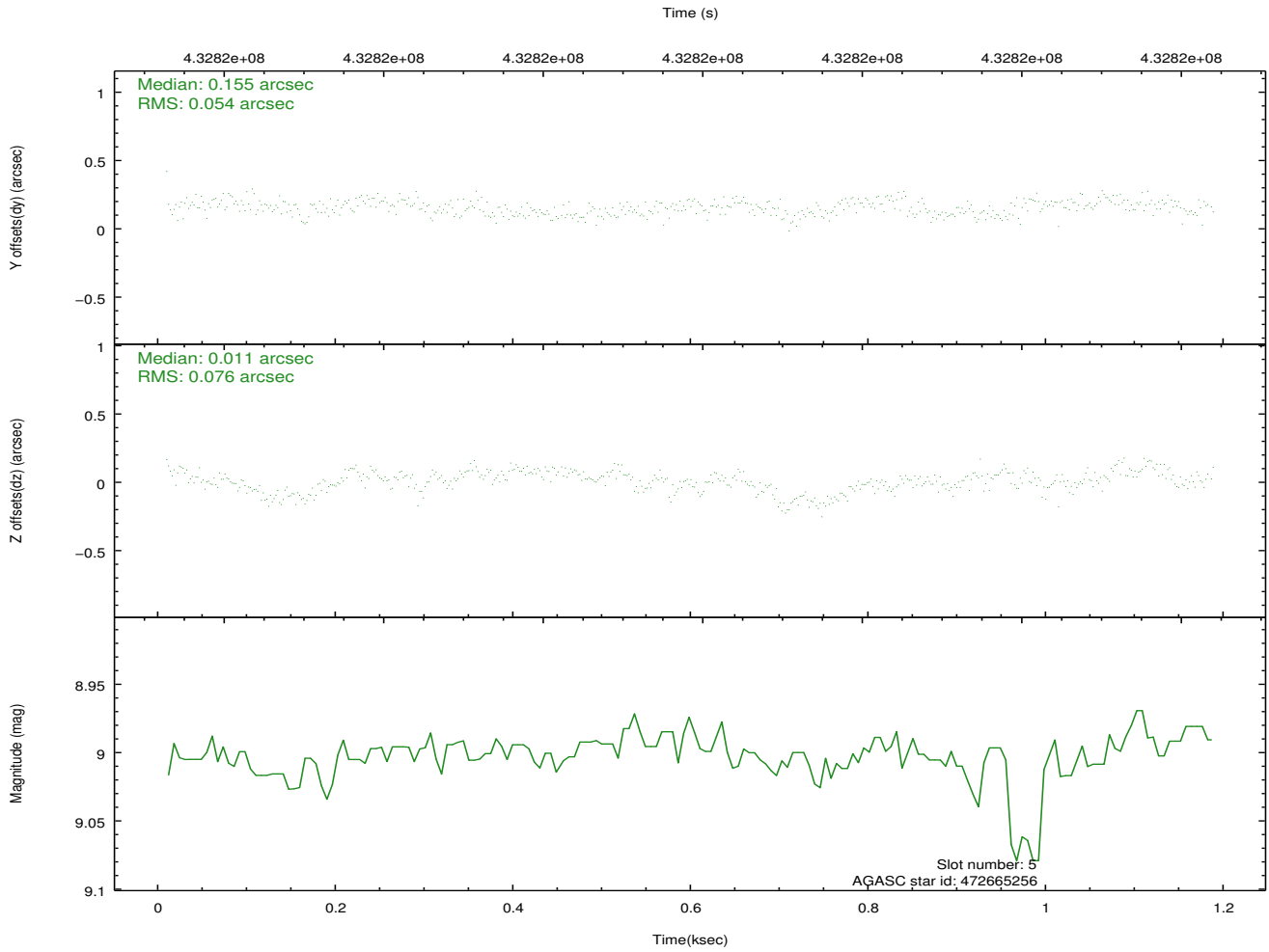
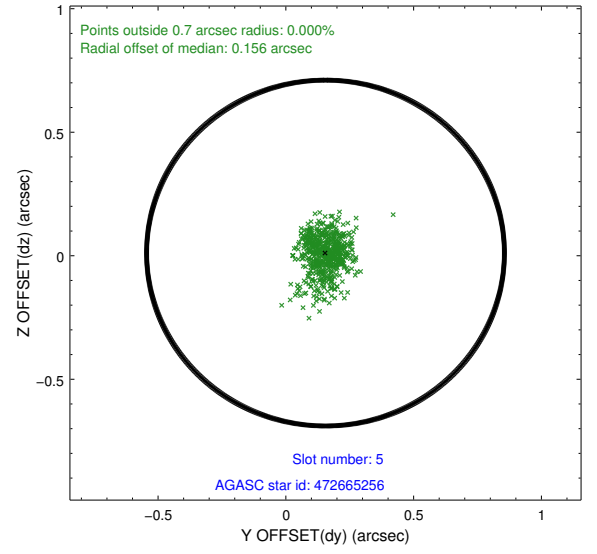
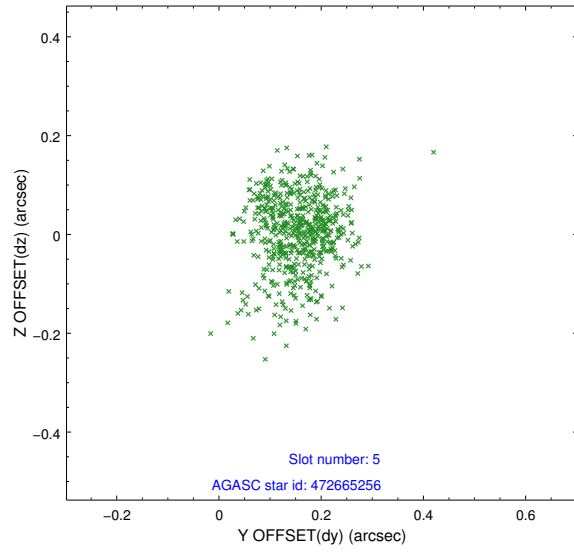
2.4.1 Slot 3



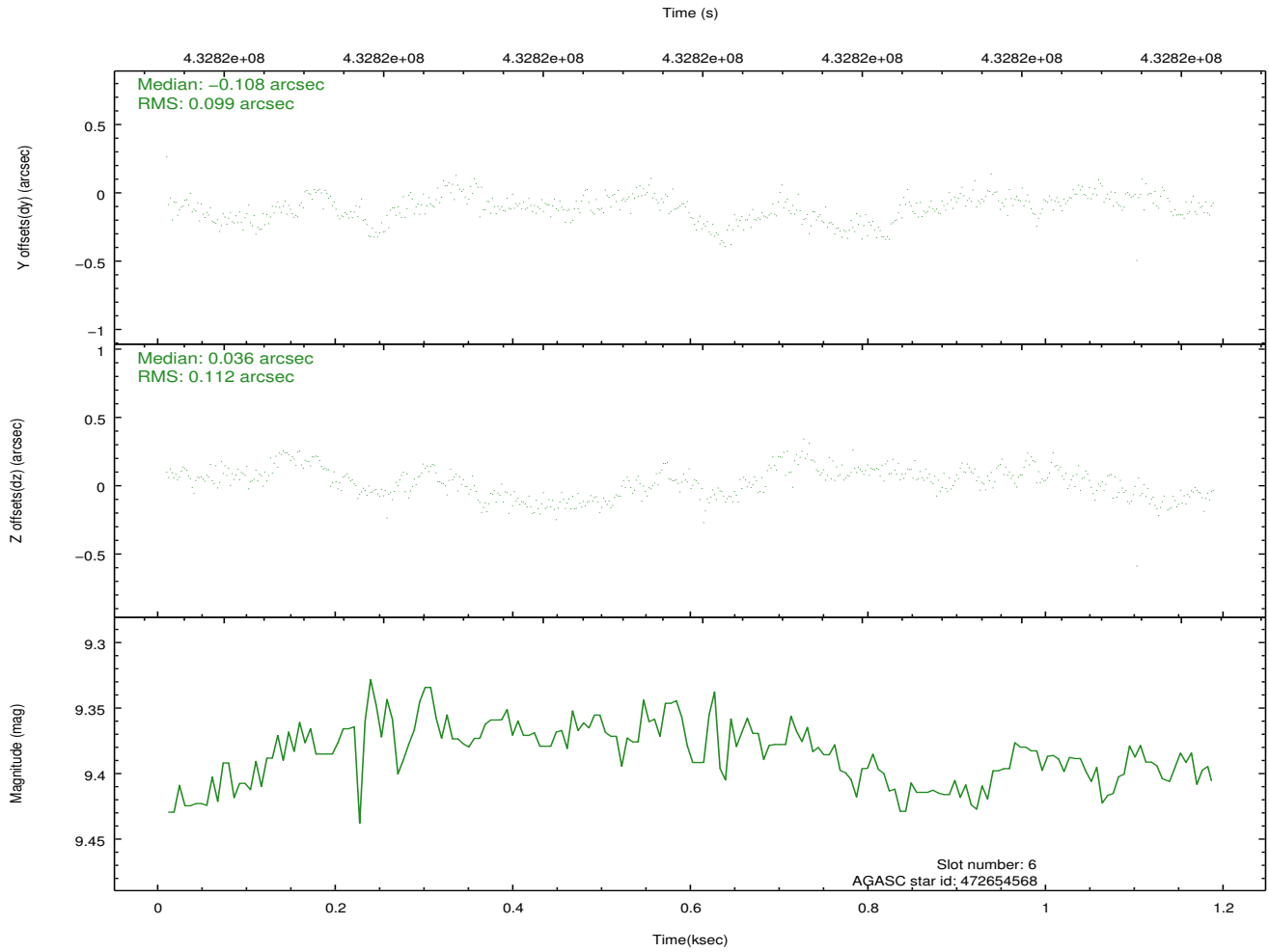
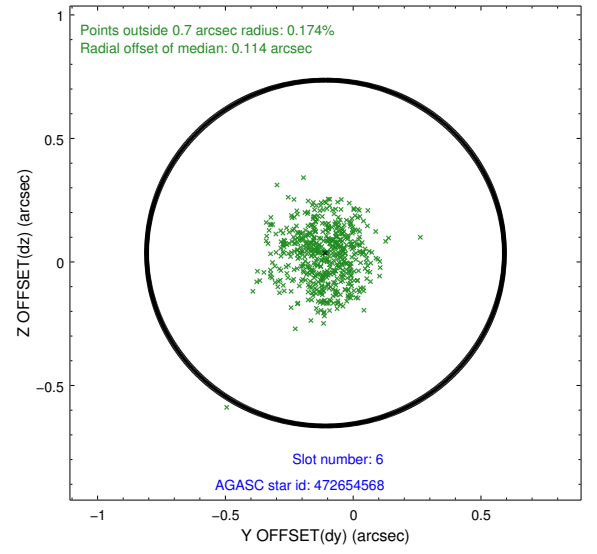
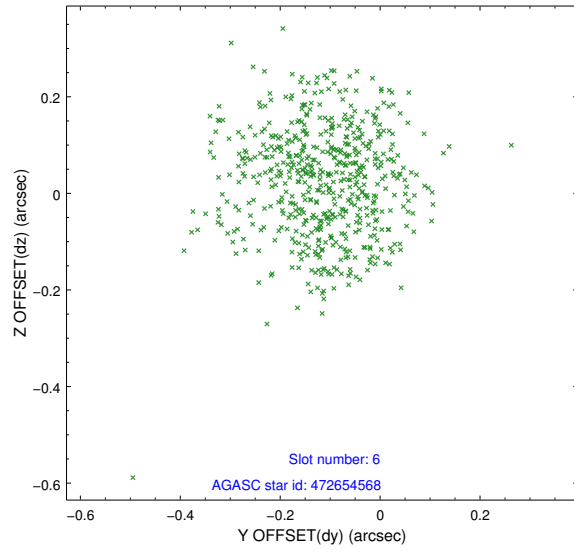
2.4.2 Slot 4



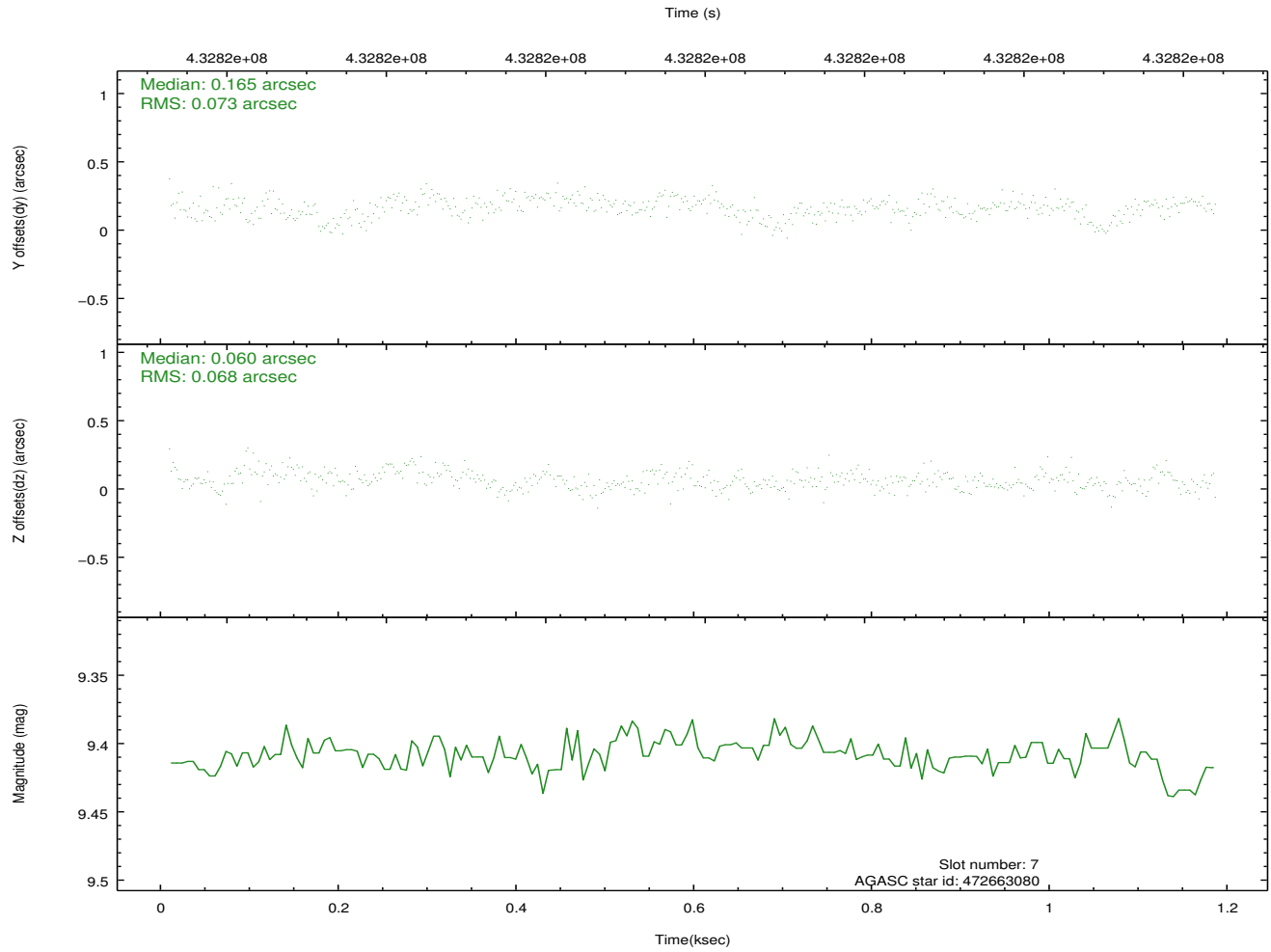
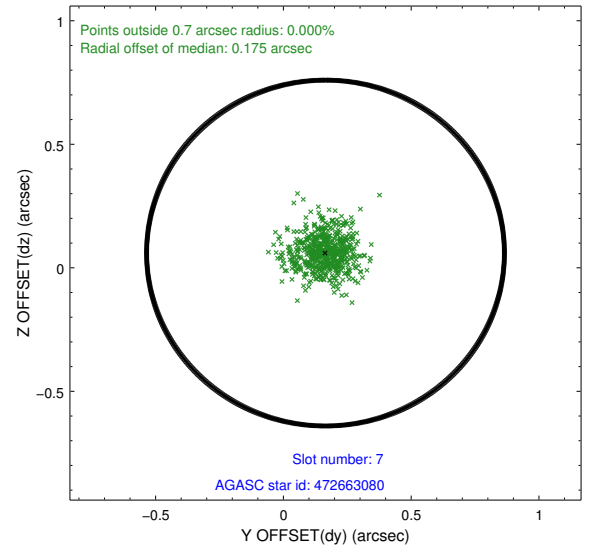
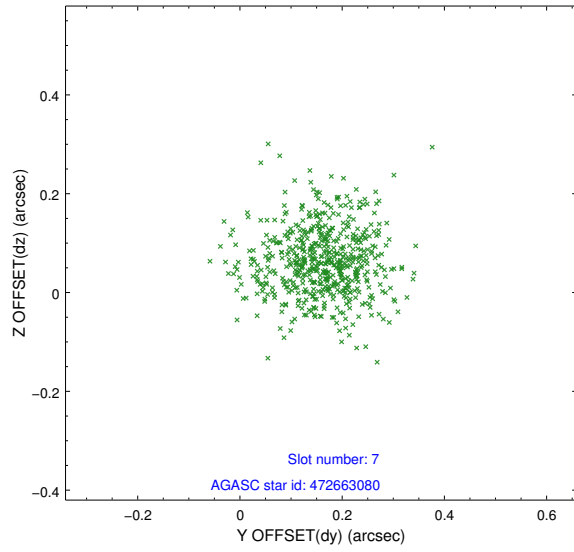
2.4.3 Slot 5



2.4.4 Slot 6

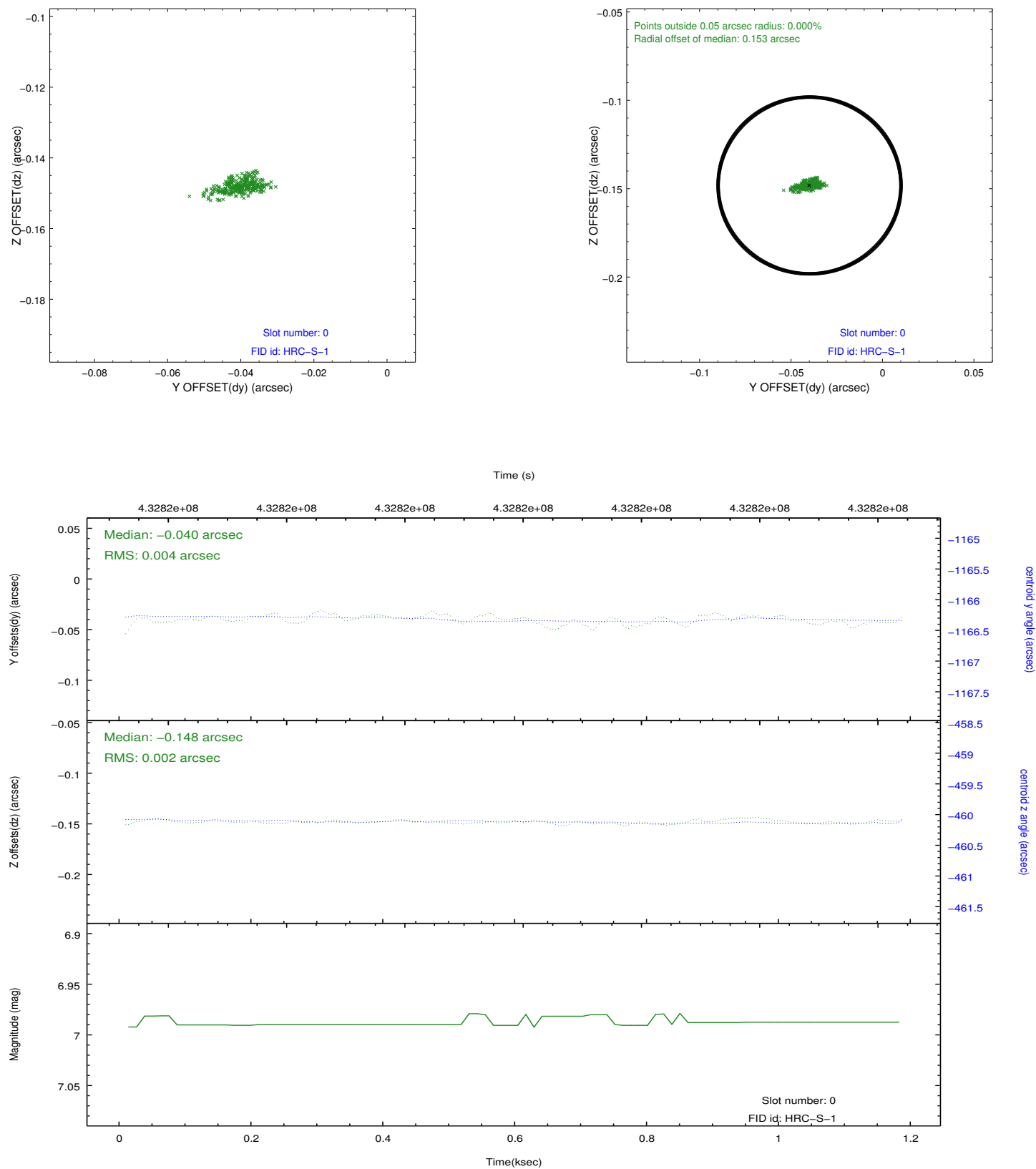


2.4.5 Slot 7

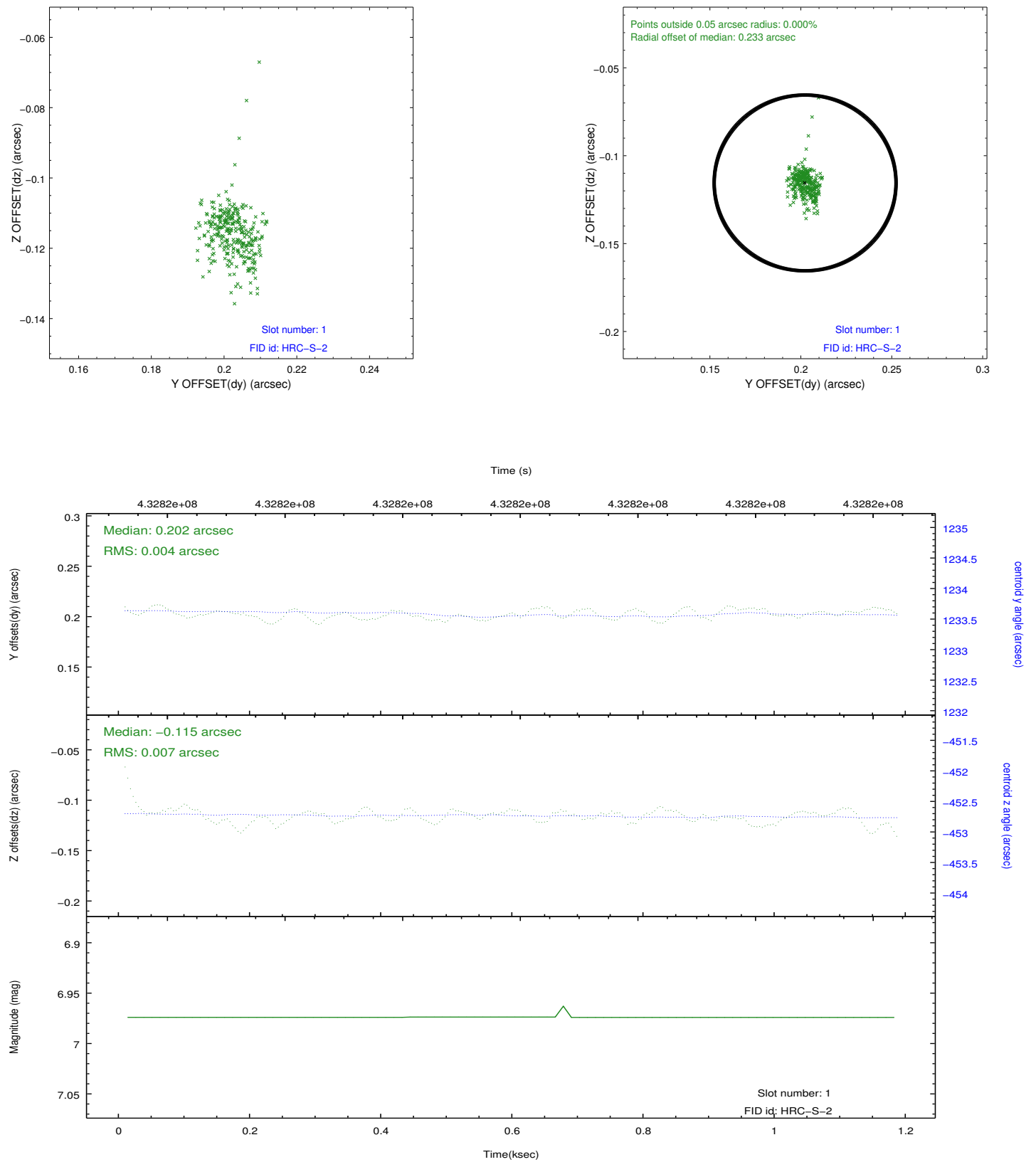


2.5 FID Slots

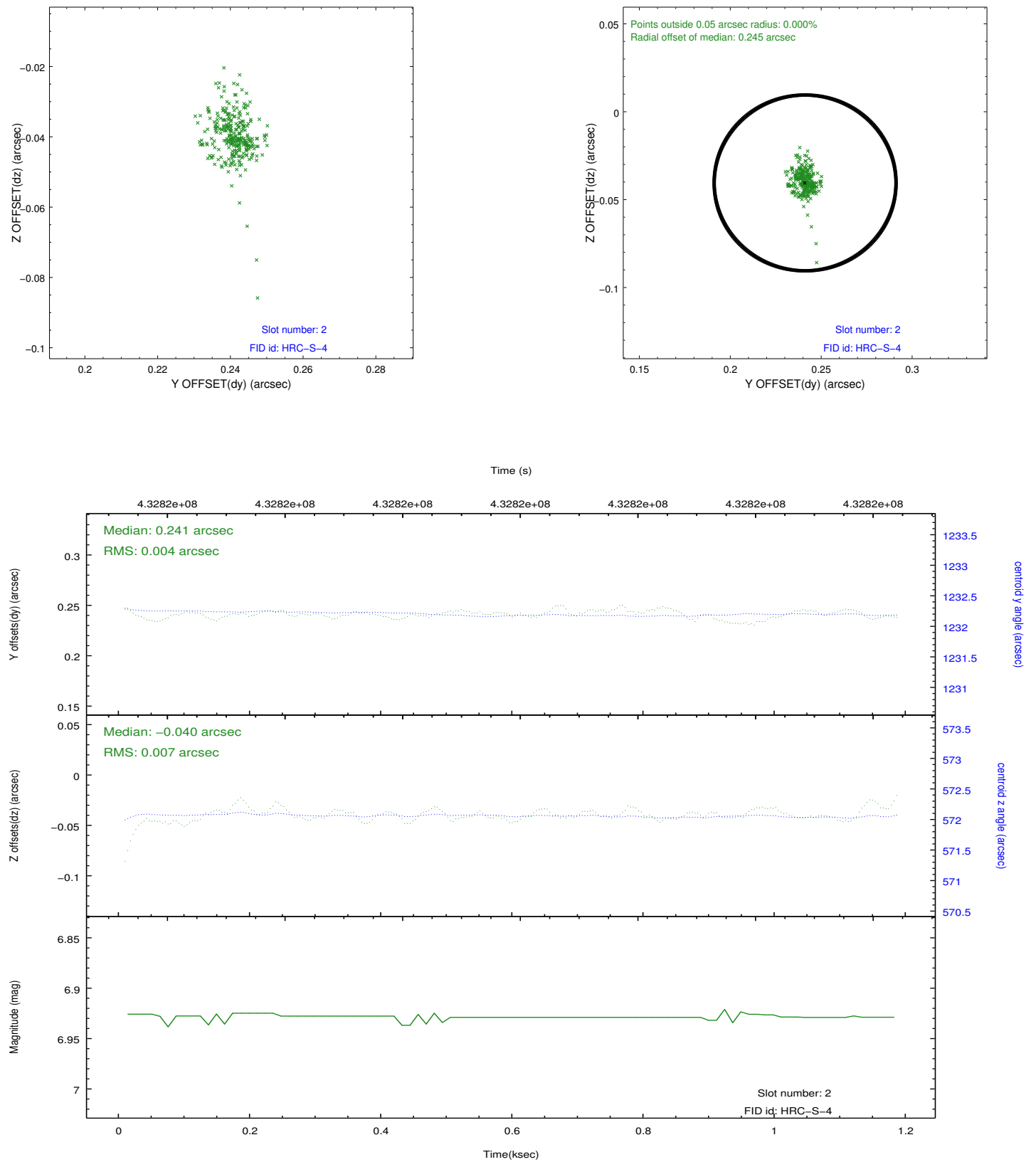
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1492813102603

A.2 Comments