

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11946 - L2 Version 2
Chandra X-Ray Center

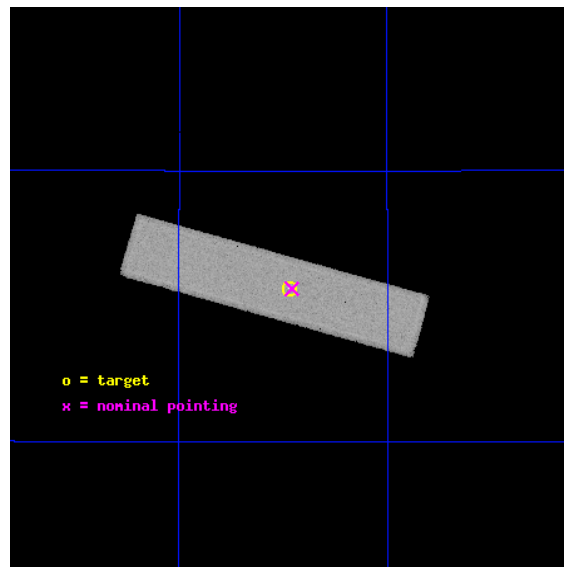
L2 Processing Date : Jun 29 2012

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1 Front

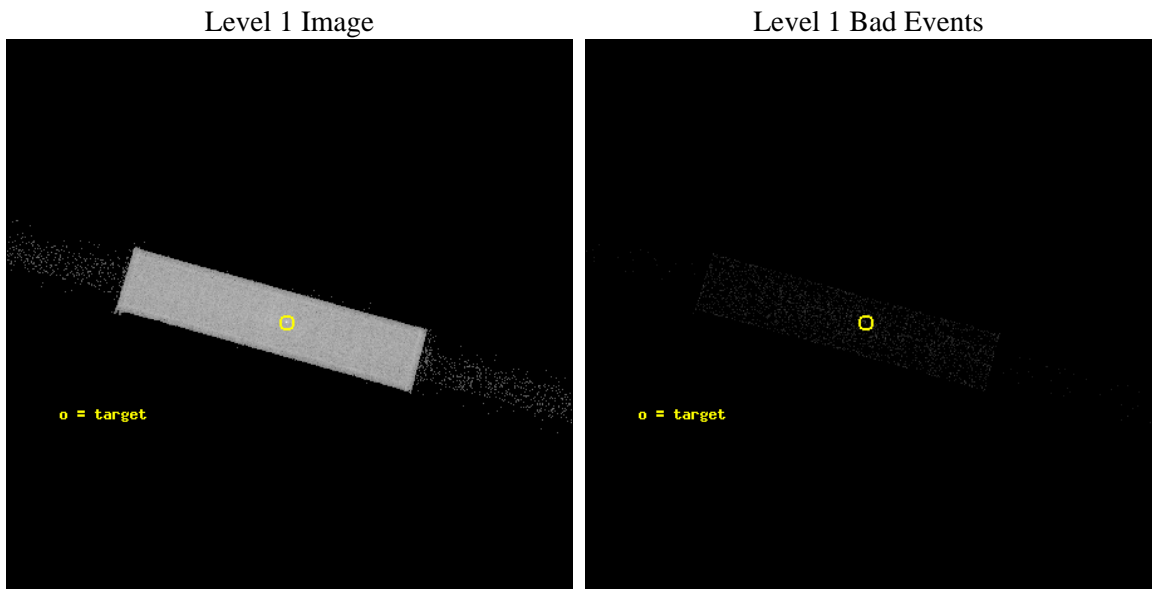
seq_num	290935	Sequence number
obs_id	11946	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.2289864979	Nominal RA [deg]
dec_nom	38.782820738768	Nominal Dec [deg]
roll_nom	195.45274936505	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2182.2251113653	[s]
liveltime	2163.3891422446	Ontime multiplied by DTCOR
l2events	133846	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	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2182.2251113653	[s]
caldbver	4.5.0	 	l1events	174179	Number of level 1 events
date	2012-06-30T01:56:06	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

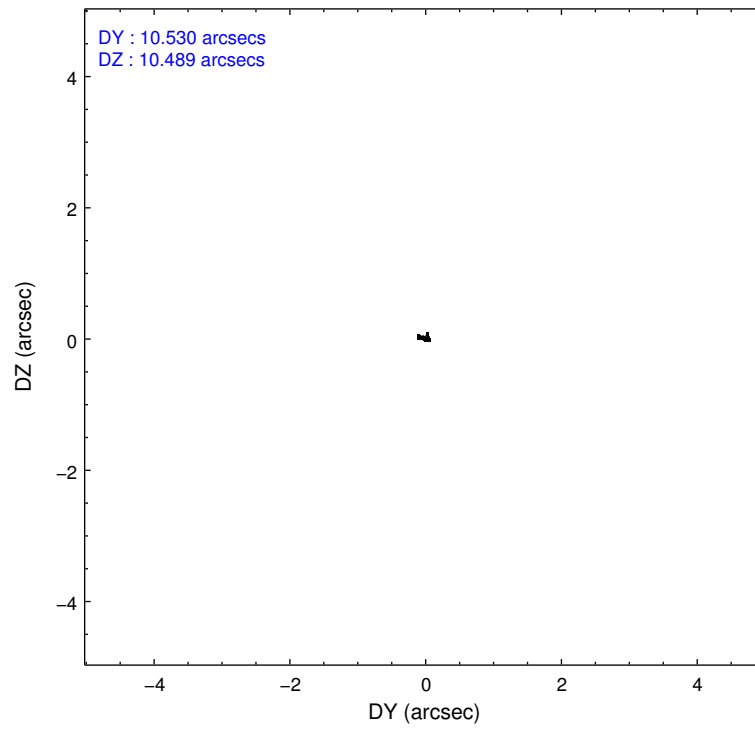
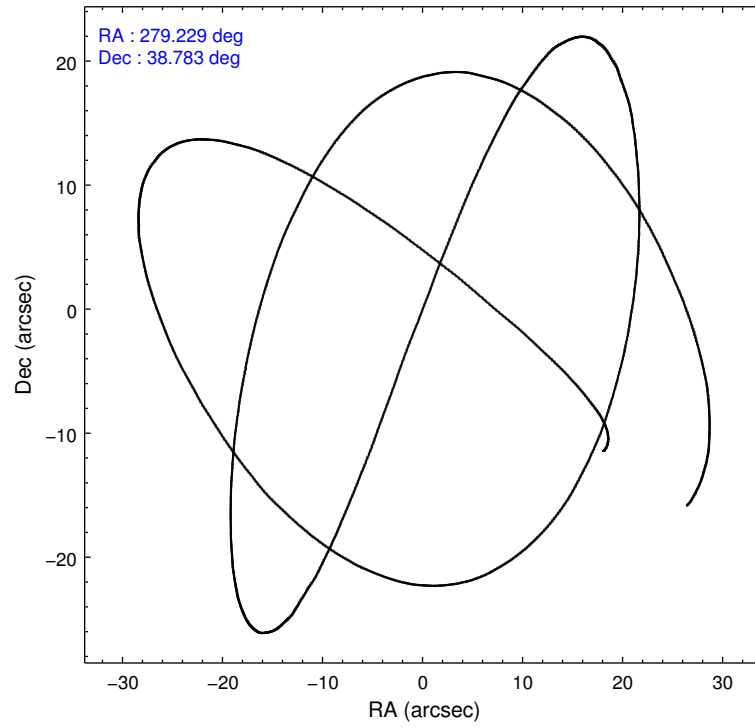
	segment 1	segment 2	segment 3
level 1 events	953	172303	923
rejected events	953	12941	923
rejected %	100%	7%	100%

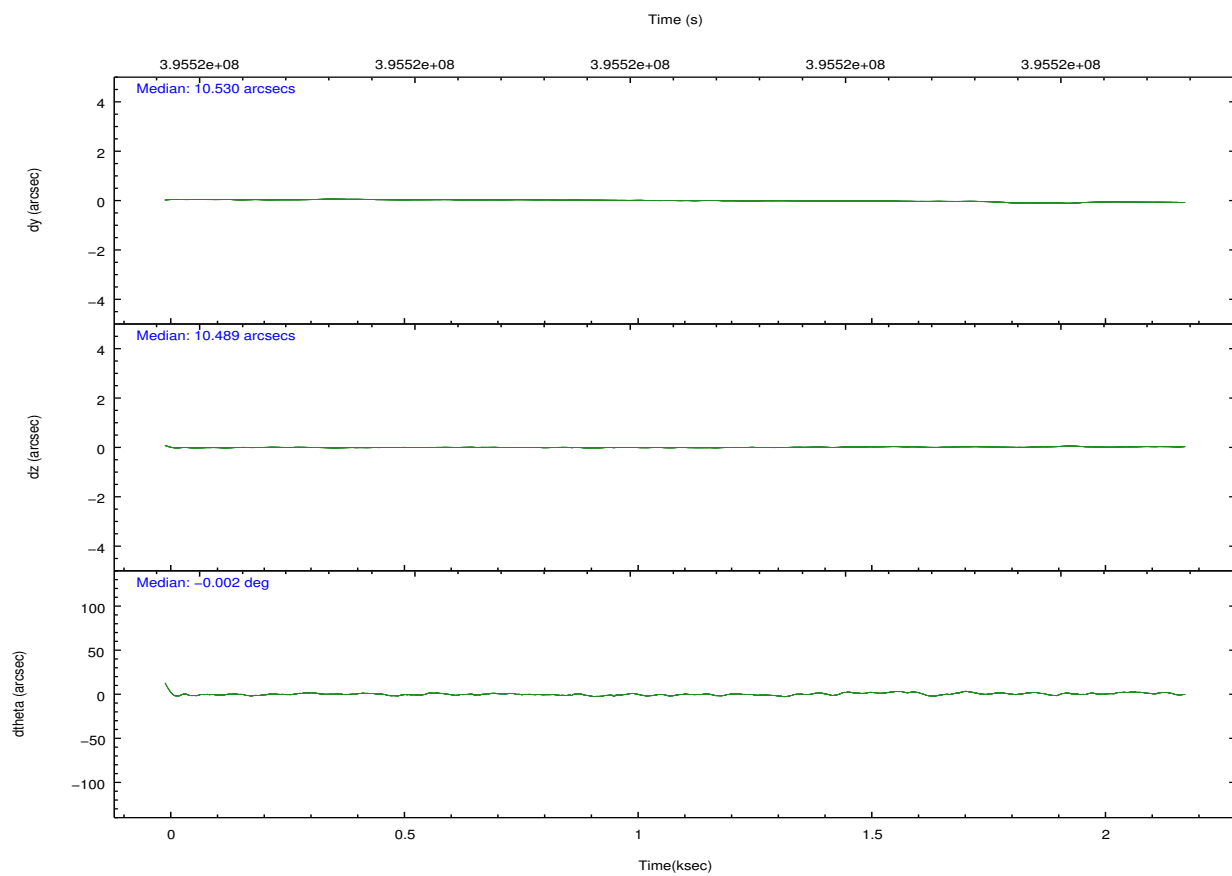
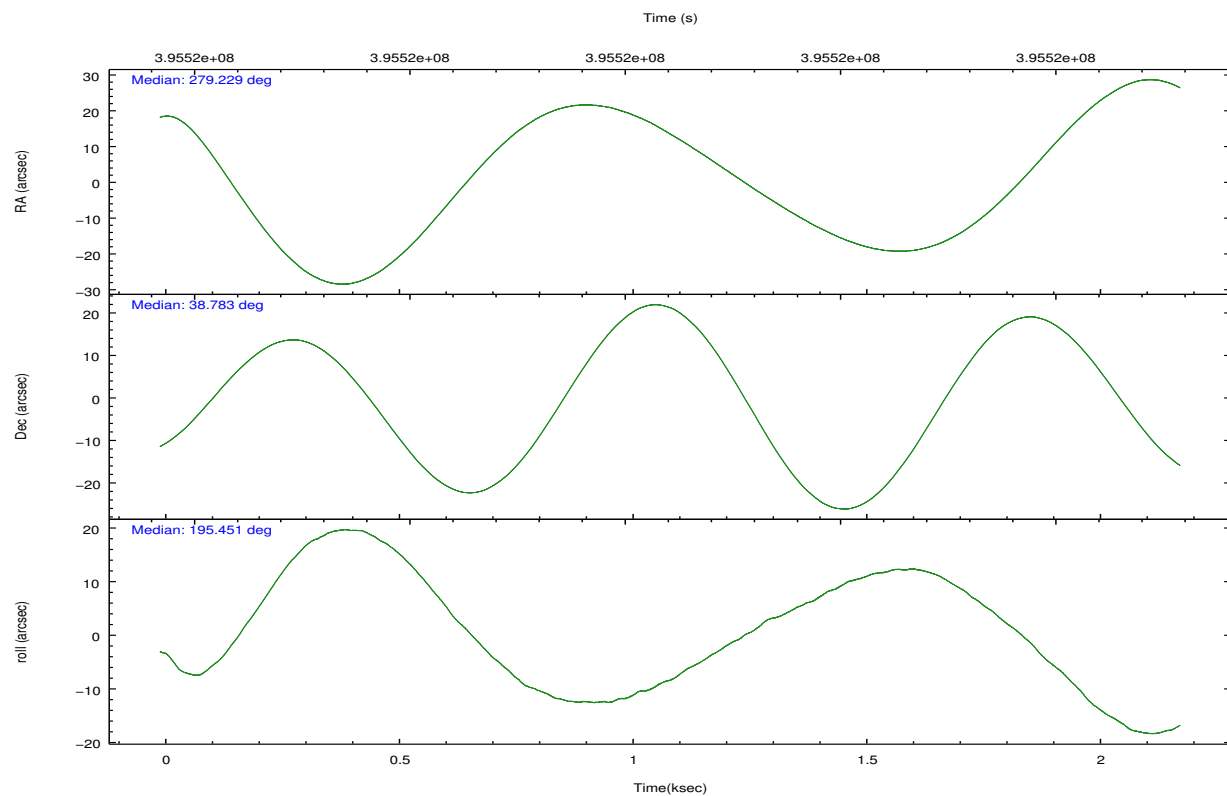
2.2 Compared Parameters

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	279.253589	279.2289864978998
[deg] Pointing Dec	38.804015	38.78282073876763
[deg] Pointing Roll	195.369955	195.4527493650514
[s] Window start time (MET)	391737666.184000	391737666.184000
[s] Window stop time (MET)	399600066.184000	399600066.184000
[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)	395518187.184000	395517349.44175
Observation start date	2010-07-14T18:08:41	2010-07-14T17:55:49
[s] Observation end time (MET)	395520187.184000	395520320.91691
Observation end date	2010-07-14T18:42:01	2010-07-14T18:45:20

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

2.3 Aspect



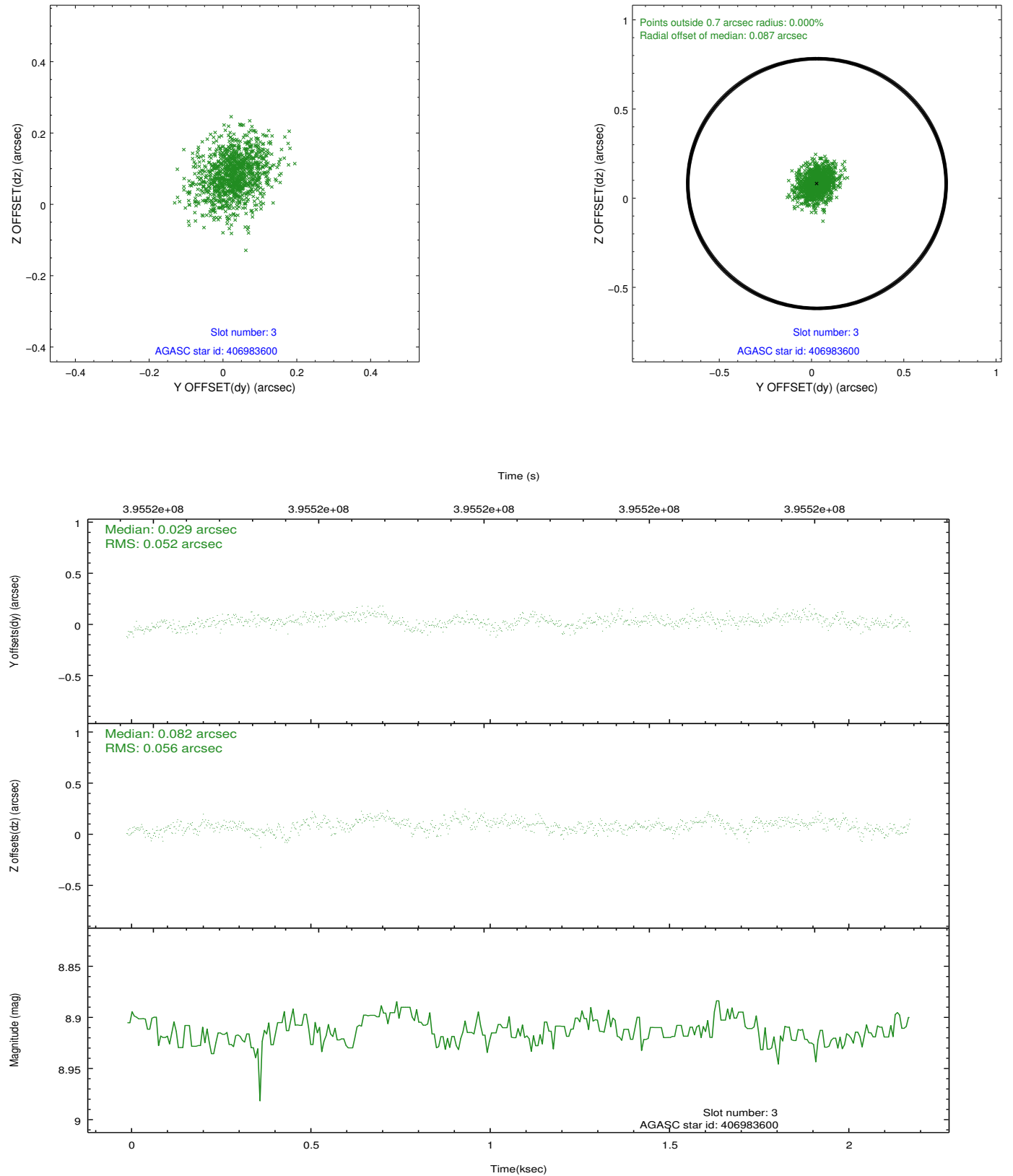


Slot Statistics

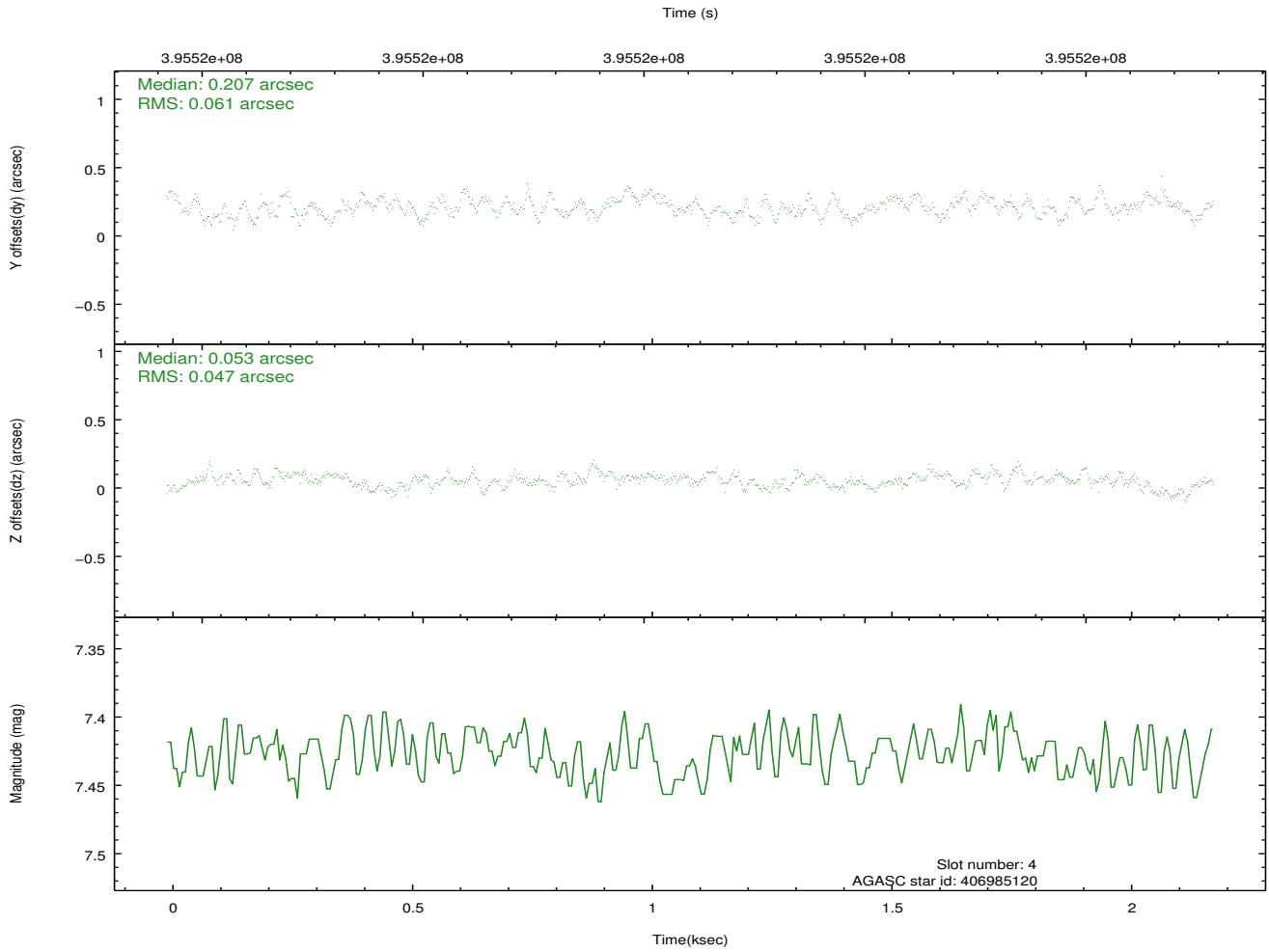
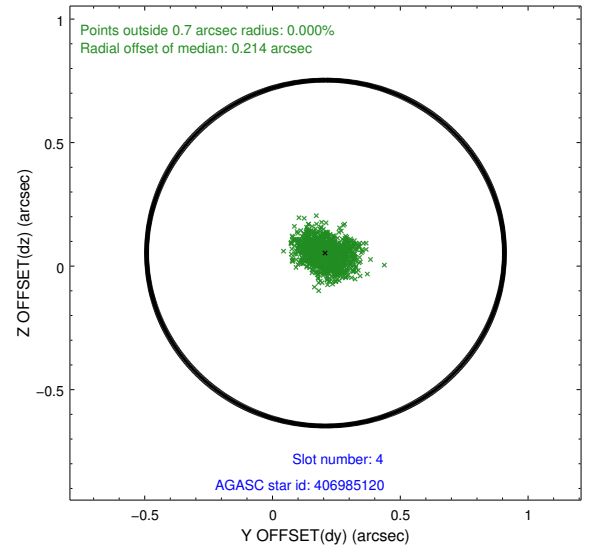
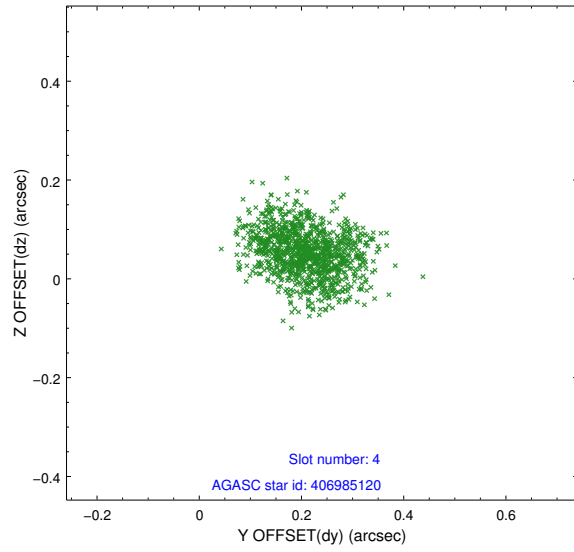
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	533	0.069	-0.193	0.007	0.012	0.000000	0.000000	-1164.83	-459.21
1	FID	HRC-S-3	7.00	533	0.070	-0.030	0.007	0.014	0.000000	0.000000	-1169.71	569.61
2	FID	HRC-S-4	6.92	533	0.248	-0.074	0.005	0.008	0.000000	0.000000	1231.41	574.01
3	GUIDE	406983600	8.91	1066	0.029	0.082	0.082	0.135	279.940957	39.020708	-2062.84	-247.37
4	GUIDE	406985120	7.43	1066	0.207	0.053	0.083	0.130	278.839732	38.894839	1029.27	-624.23
5	GUIDE	406989616	8.22	1065	-0.063	-0.122	0.071	0.113	279.202881	38.520843	409.05	945.44
6	GUIDE	406987272	6.95	1066	-0.318	-0.095	0.065	0.108	278.536588	38.437504	2297.57	730.08
7	GUIDE	406979352	9.24	1059	0.144	0.077	0.106	0.172	279.968297	39.230258	-2327.76	-955.45

2.4 Star Slots

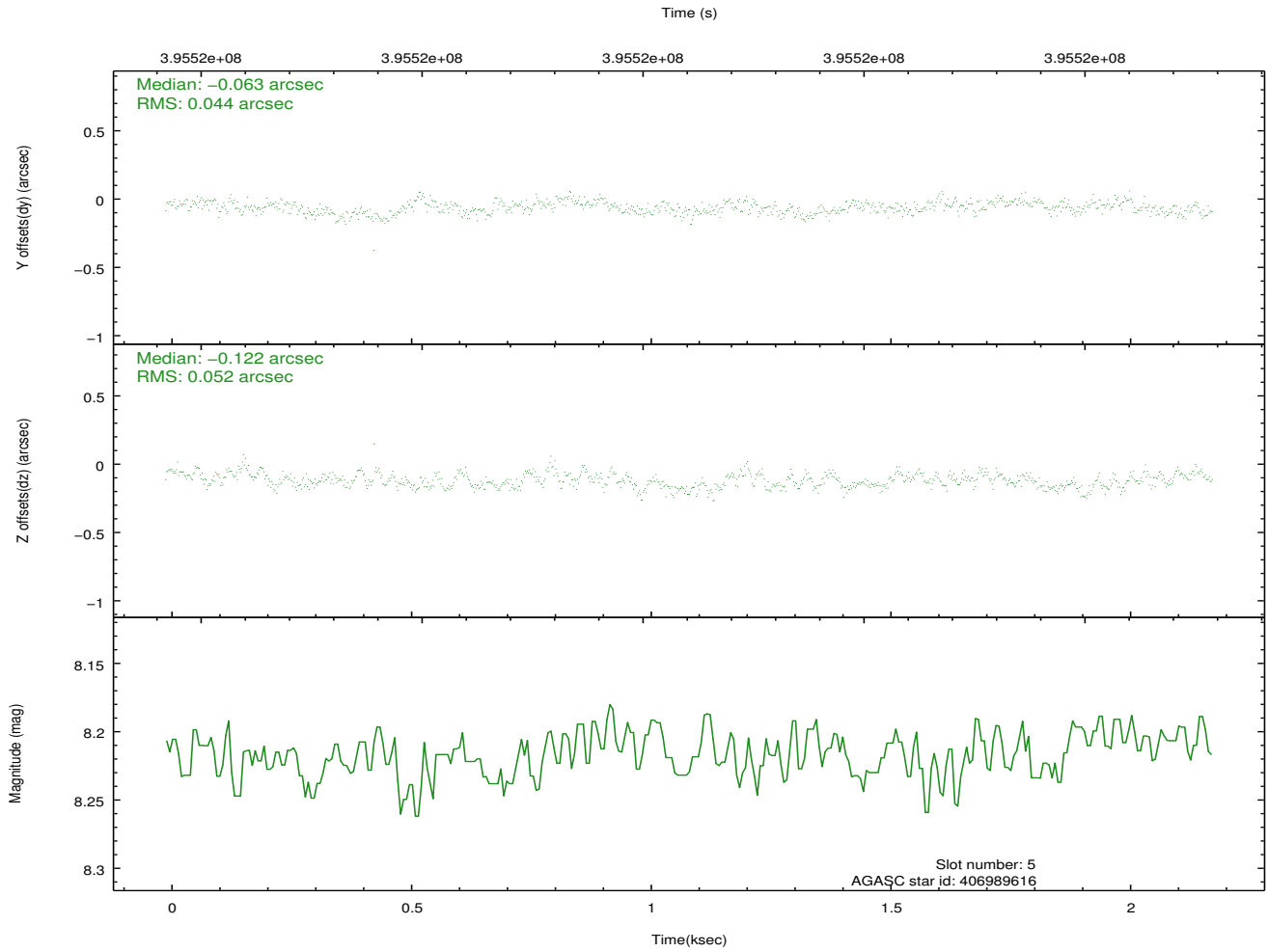
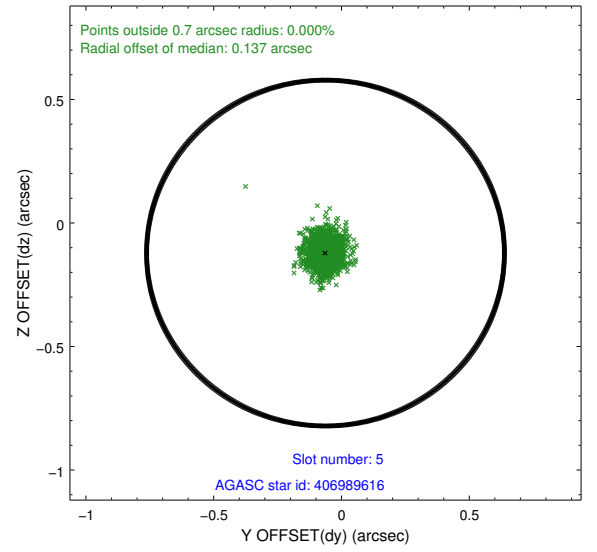
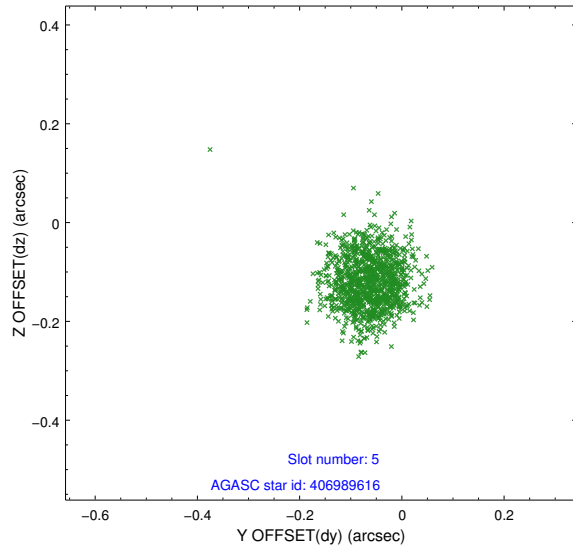
2.4.1 Slot 3



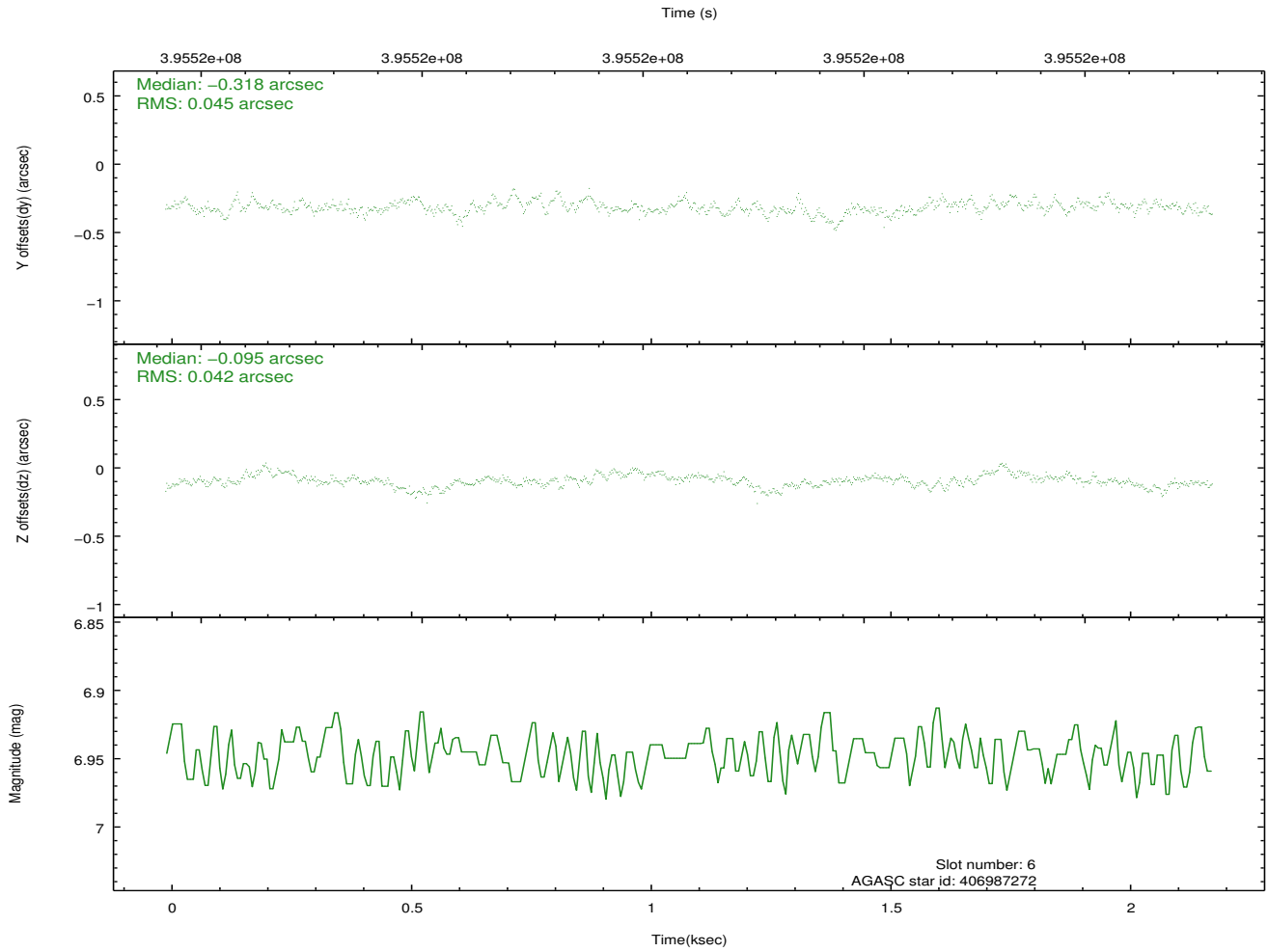
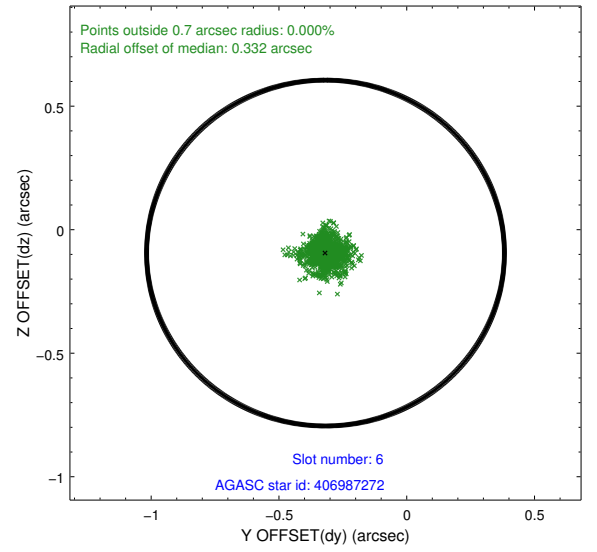
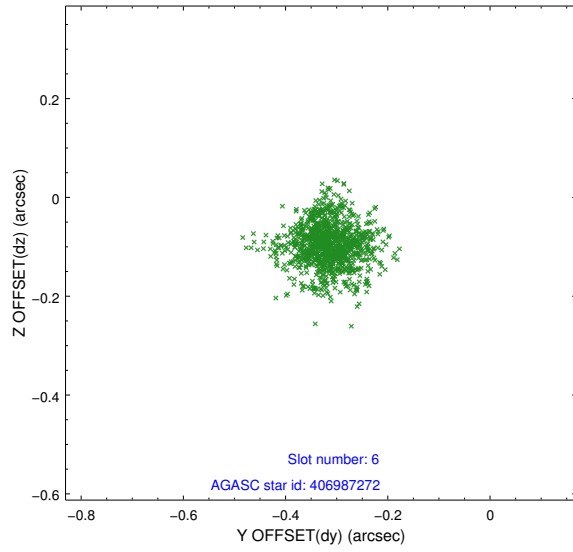
2.4.2 Slot 4



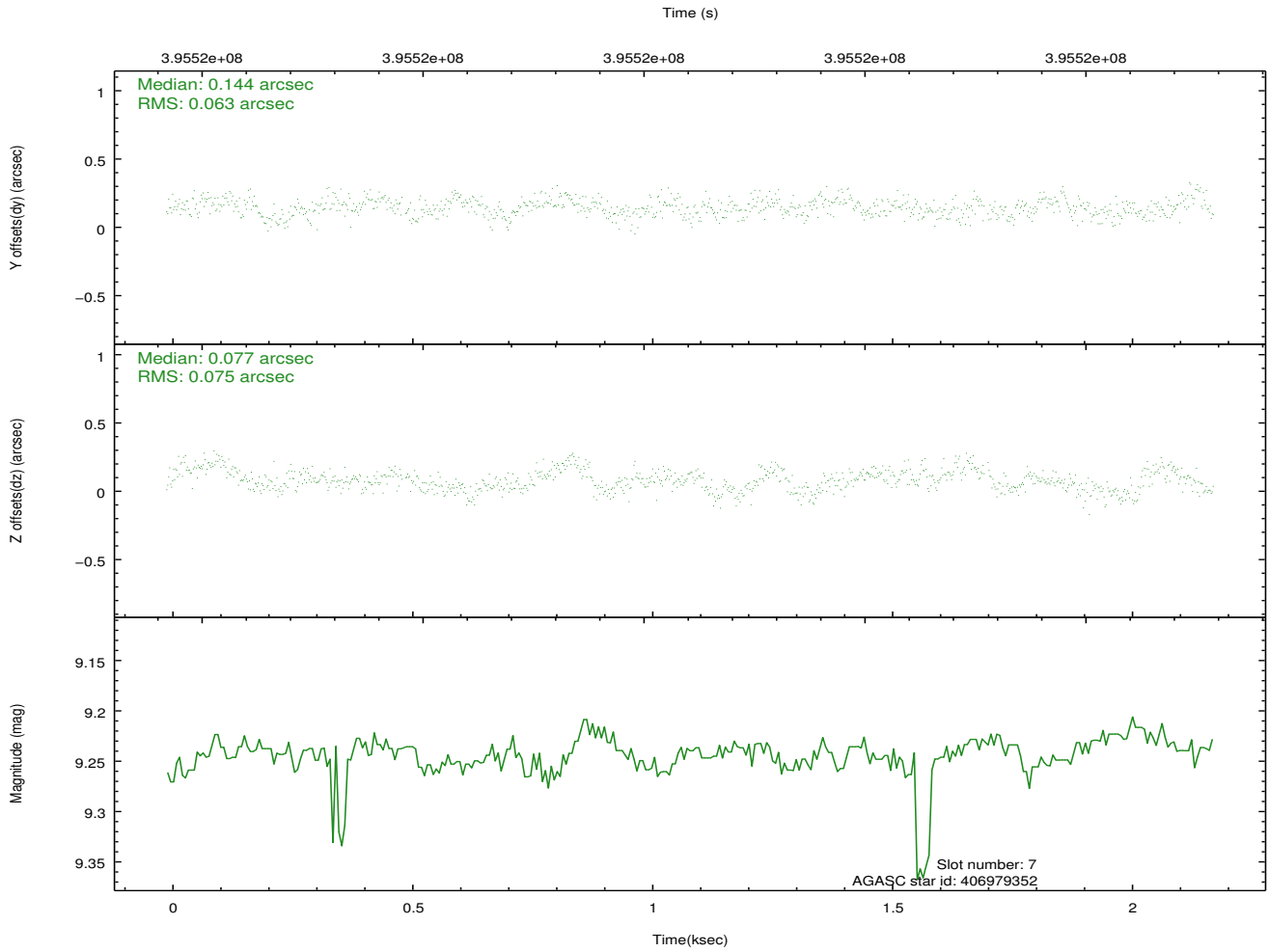
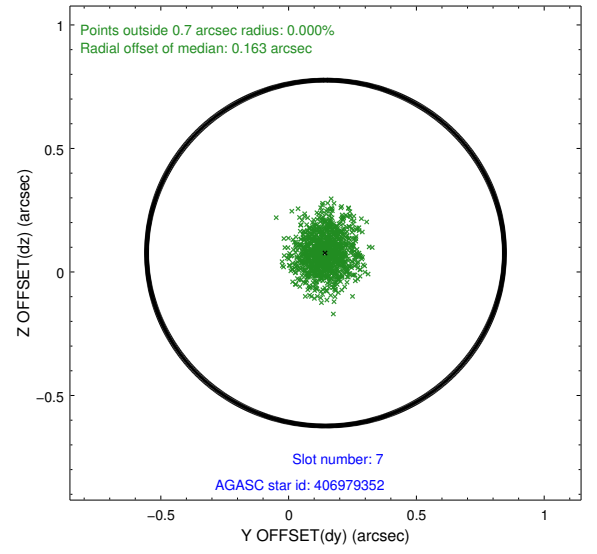
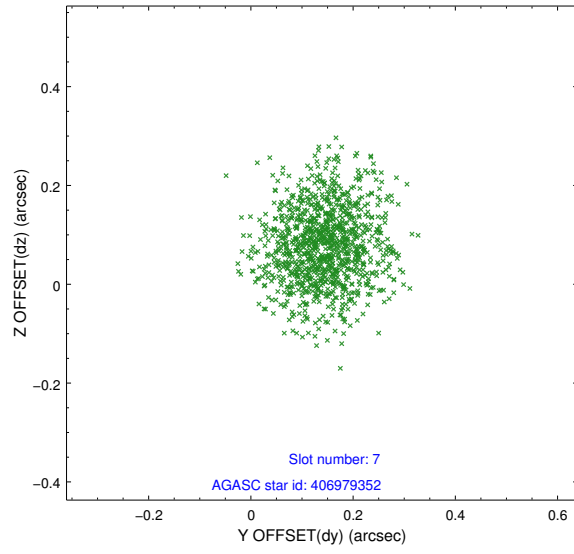
2.4.3 Slot 5



2.4.4 Slot 6

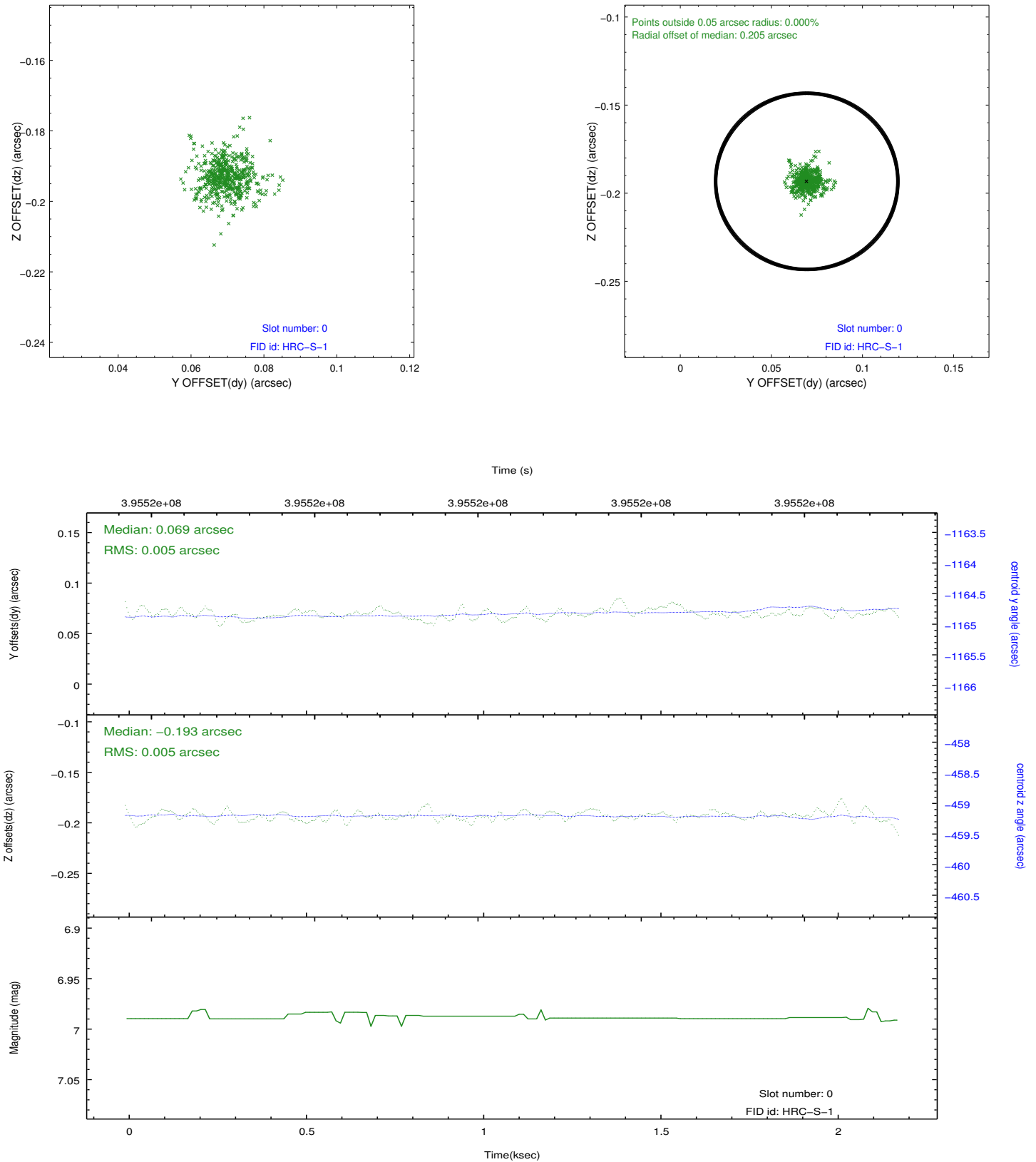


2.4.5 Slot 7

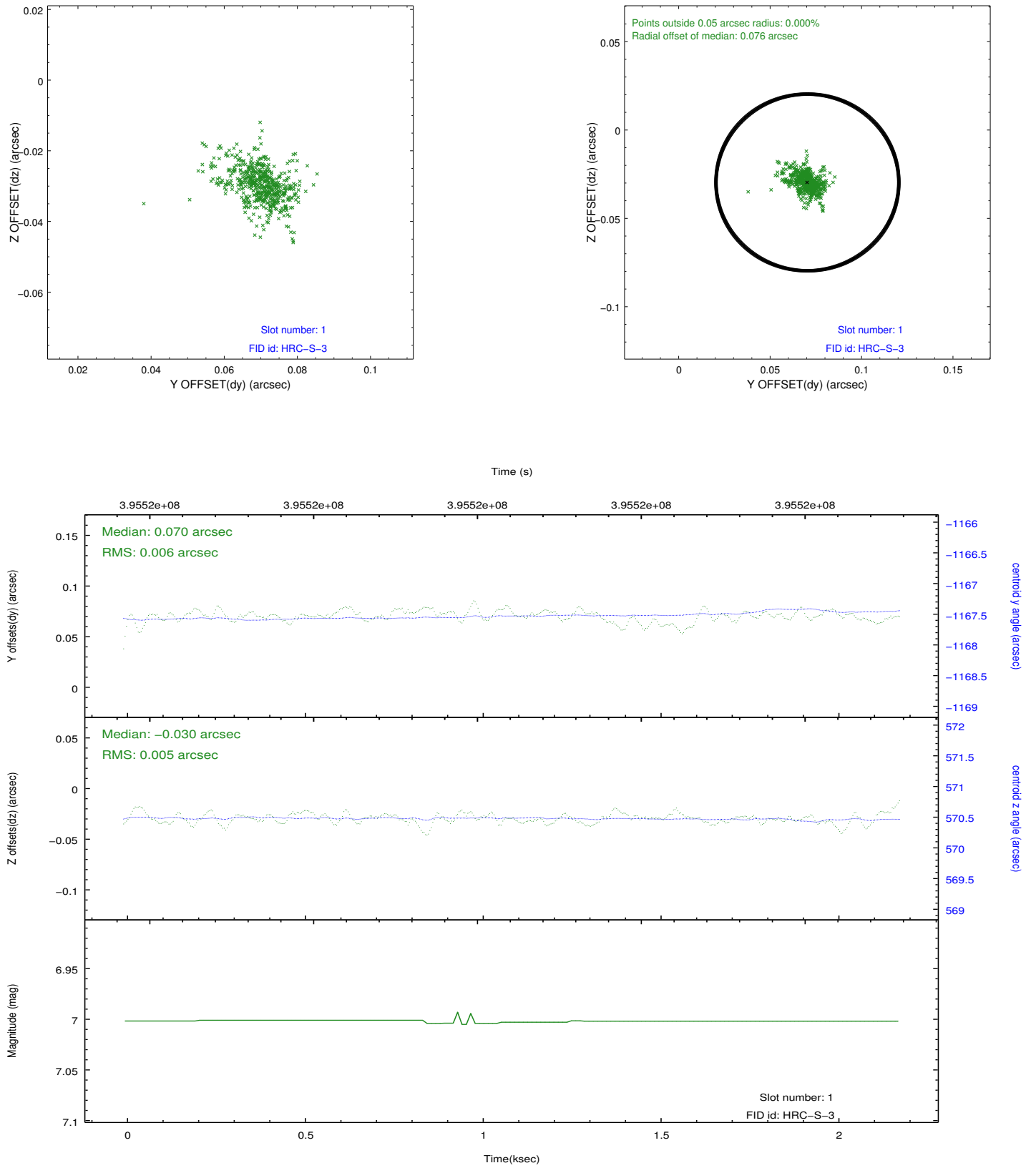


2.5 FID Slots

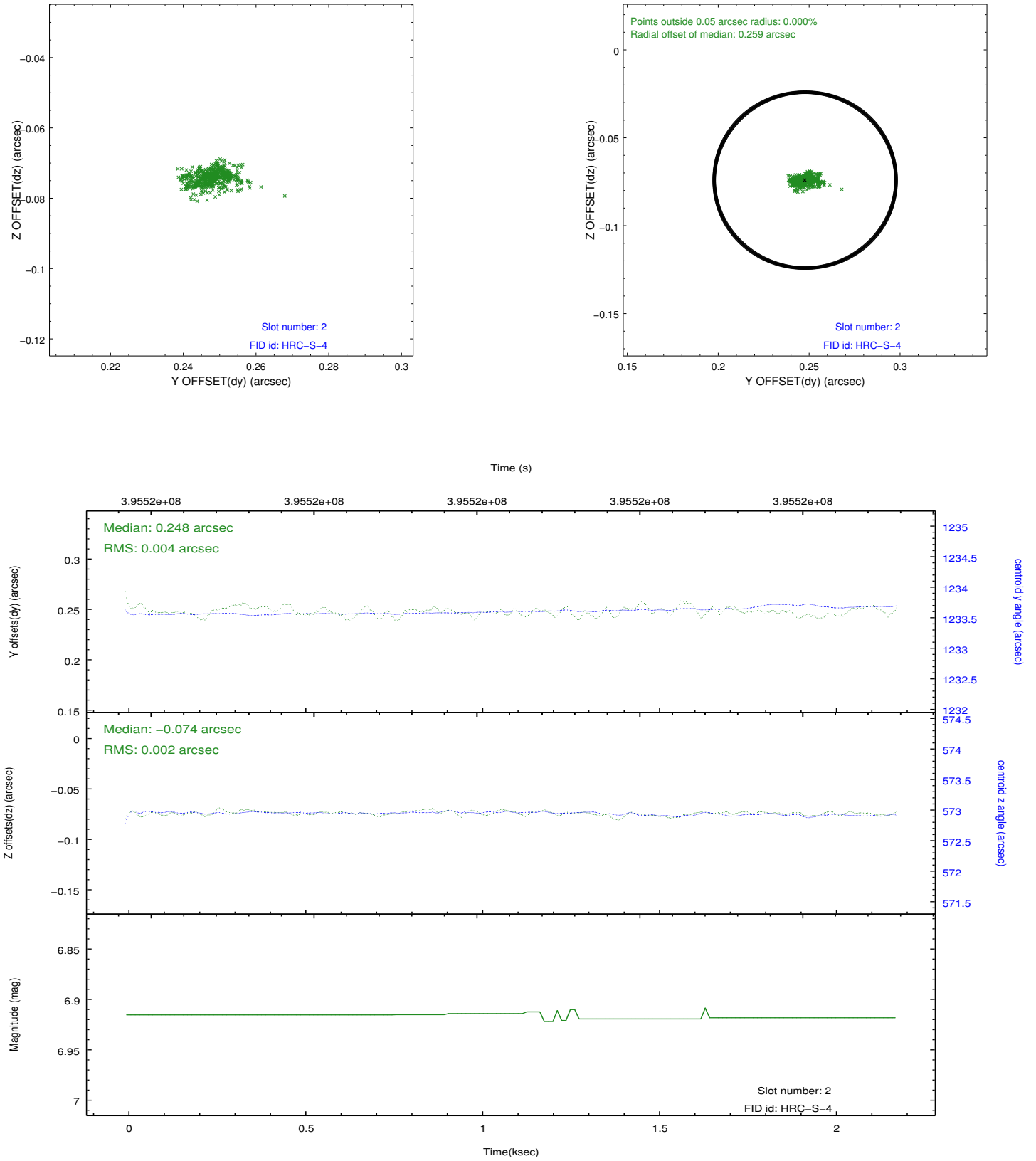
2.5.1 Slot 0



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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1824813616276

A.2 Comments

Window constraint met.