

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10626 - L2 Version 3
Chandra X-Ray Center

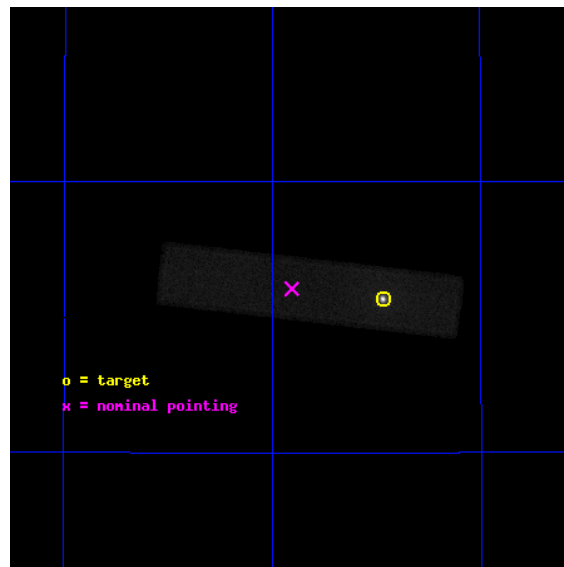
L2 Processing Date : Aug 12 2012

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1 Front

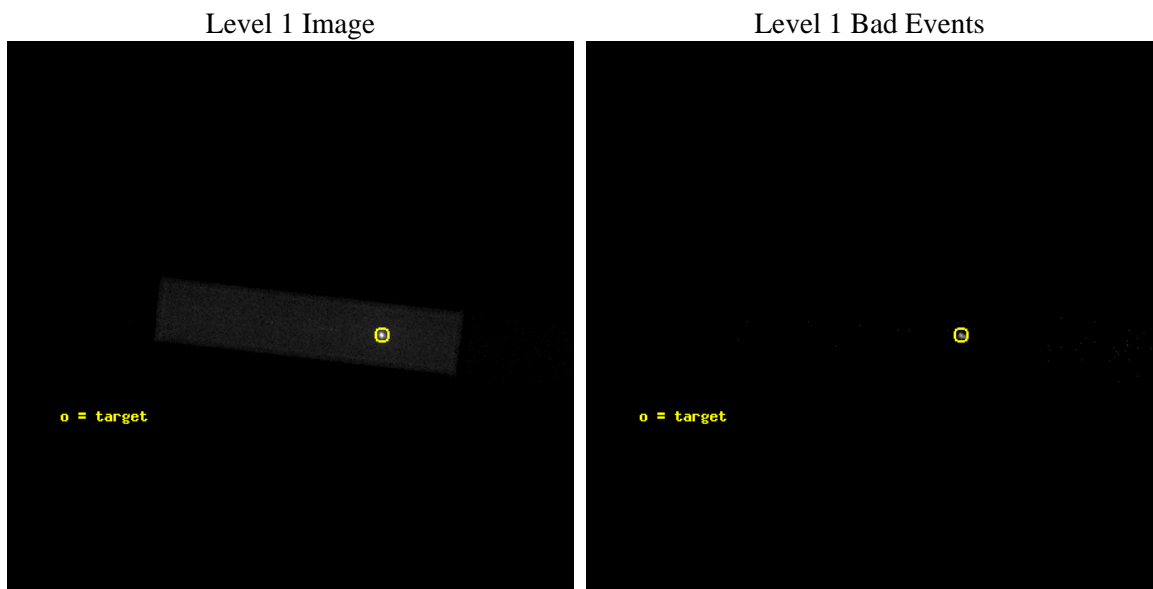
seq_num	290862	Sequence number
obs_id	10626	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.45357831482	Nominal RA [deg]
dec_nom	38.802963983818	Nominal Dec [deg]
roll_nom	6.4600089056142	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.5813581347	[s]
livetime	1599.8774177964	Ontime multiplied by DTCOR
l2events	381186	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	2186.5813581347	[s]
caldbver	4.5.1.1	 	l1events	455256	Number of level 1 events
date	2012-08-13T01:03:42	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

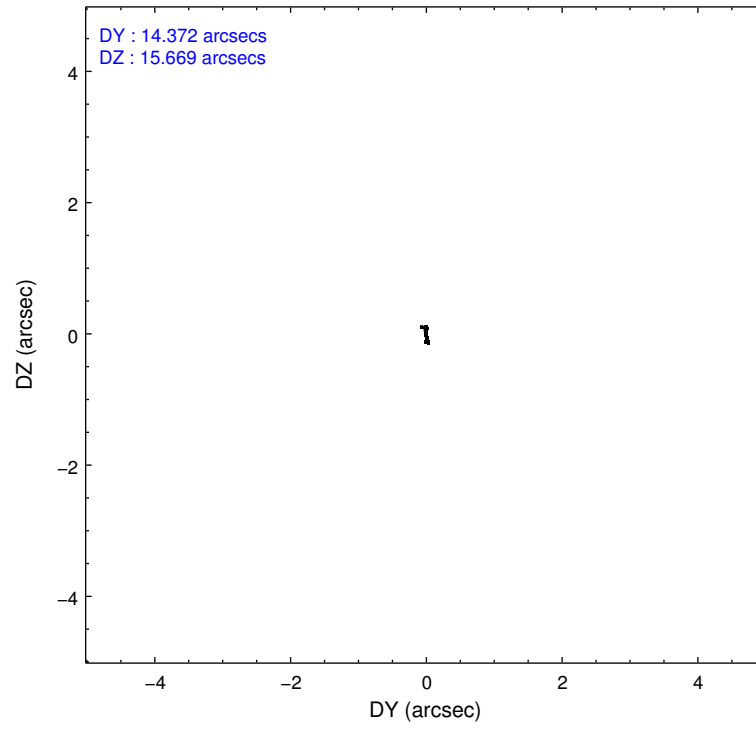
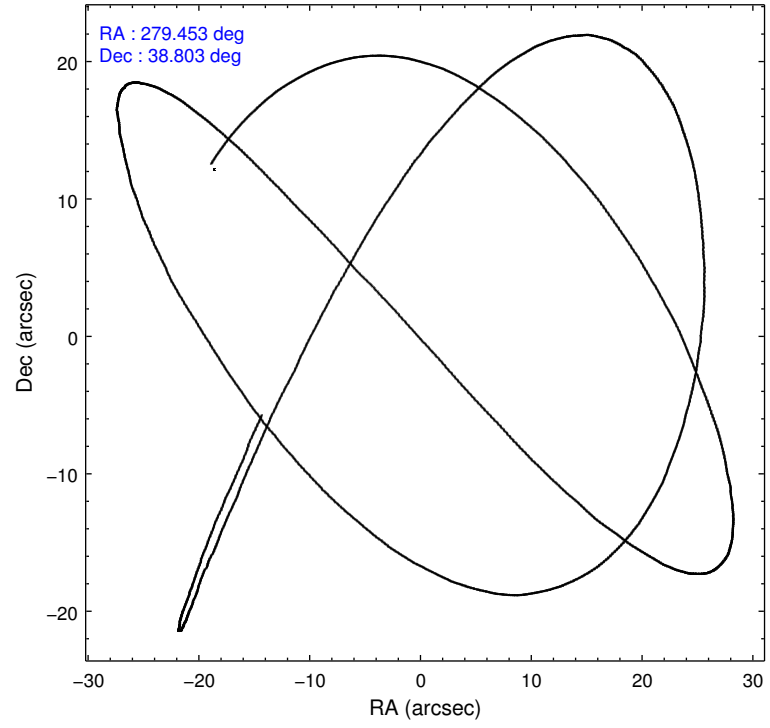
	segment 1	segment 2	segment 3
level 1 events	8745	444933	1578
rejected events	8700	41751	1578
rejected %	99%	9%	100%

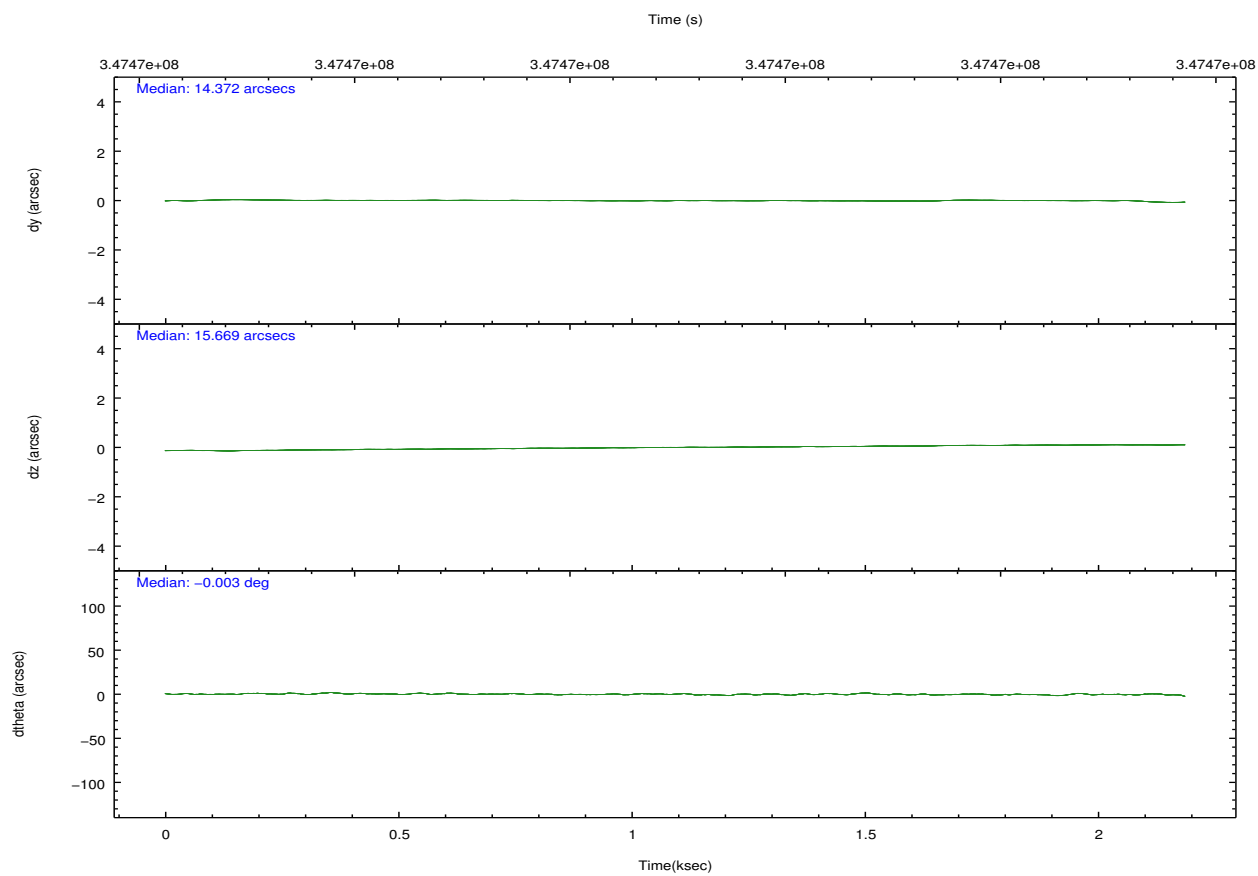
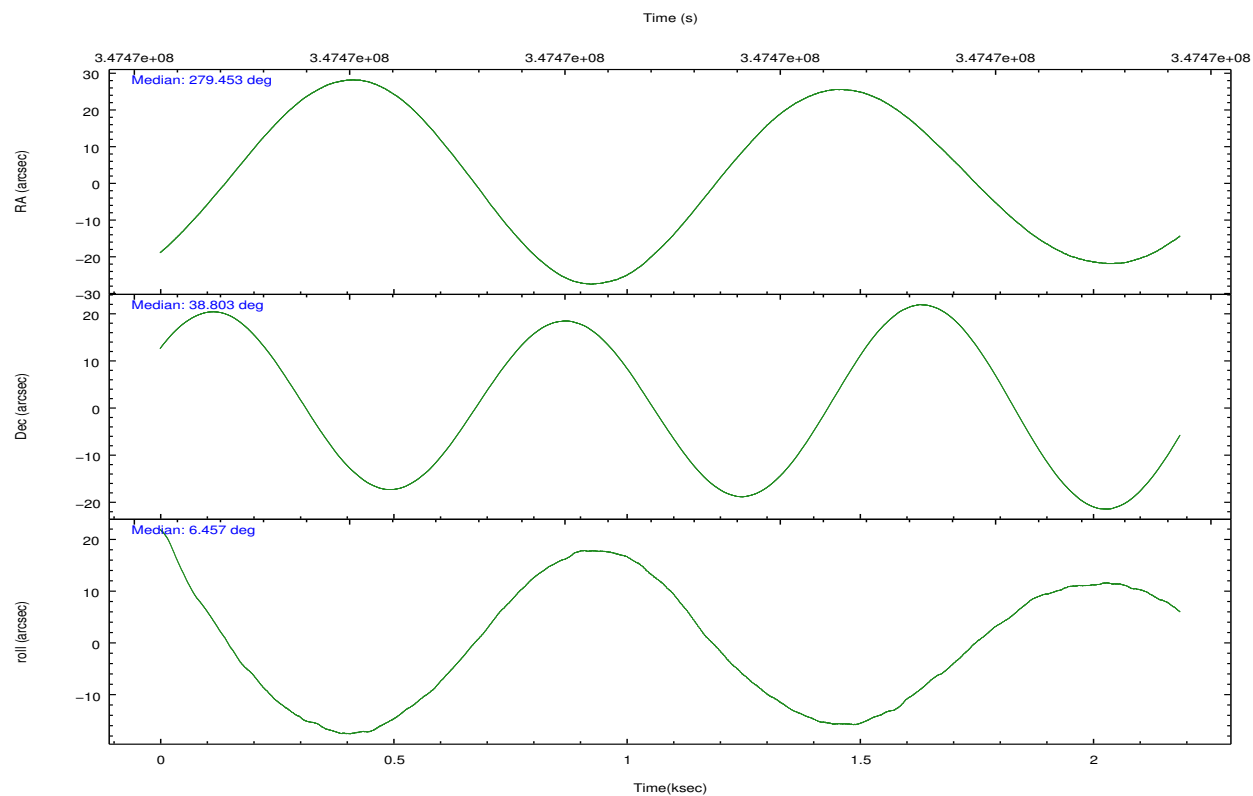
2.2 Compared Parameters

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	279.425069	279.4535783148154
[deg] Pointing Dec	38.784811	38.80296398381832
[deg] Pointing Roll	6.410553	6.460008905614191
[s] Window start time (MET)	344476865.184000	344476865.184000
[s] Window stop time (MET)	352166466.184000	352166466.184000
[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)	347470843.184000	347470465.87577
Observation start date	2009-01-04T15:39:37	2009-01-04T15:34:25
[s] Observation end time (MET)	347472843.184000	347472976.10089
Observation end date	2009-01-04T16:12:57	2009-01-04T16:16:16

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

2.3 Aspect



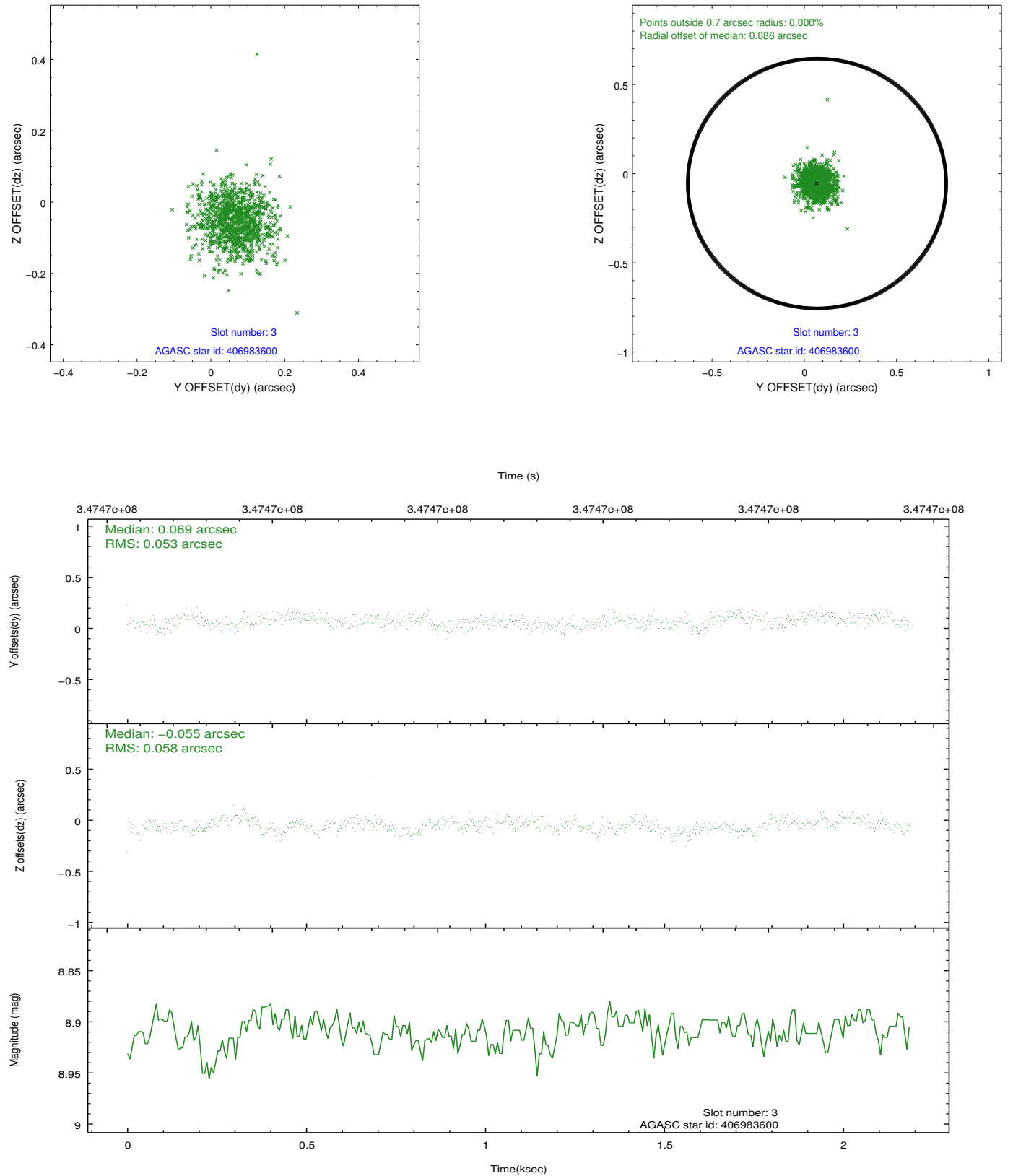


Slot Statistics

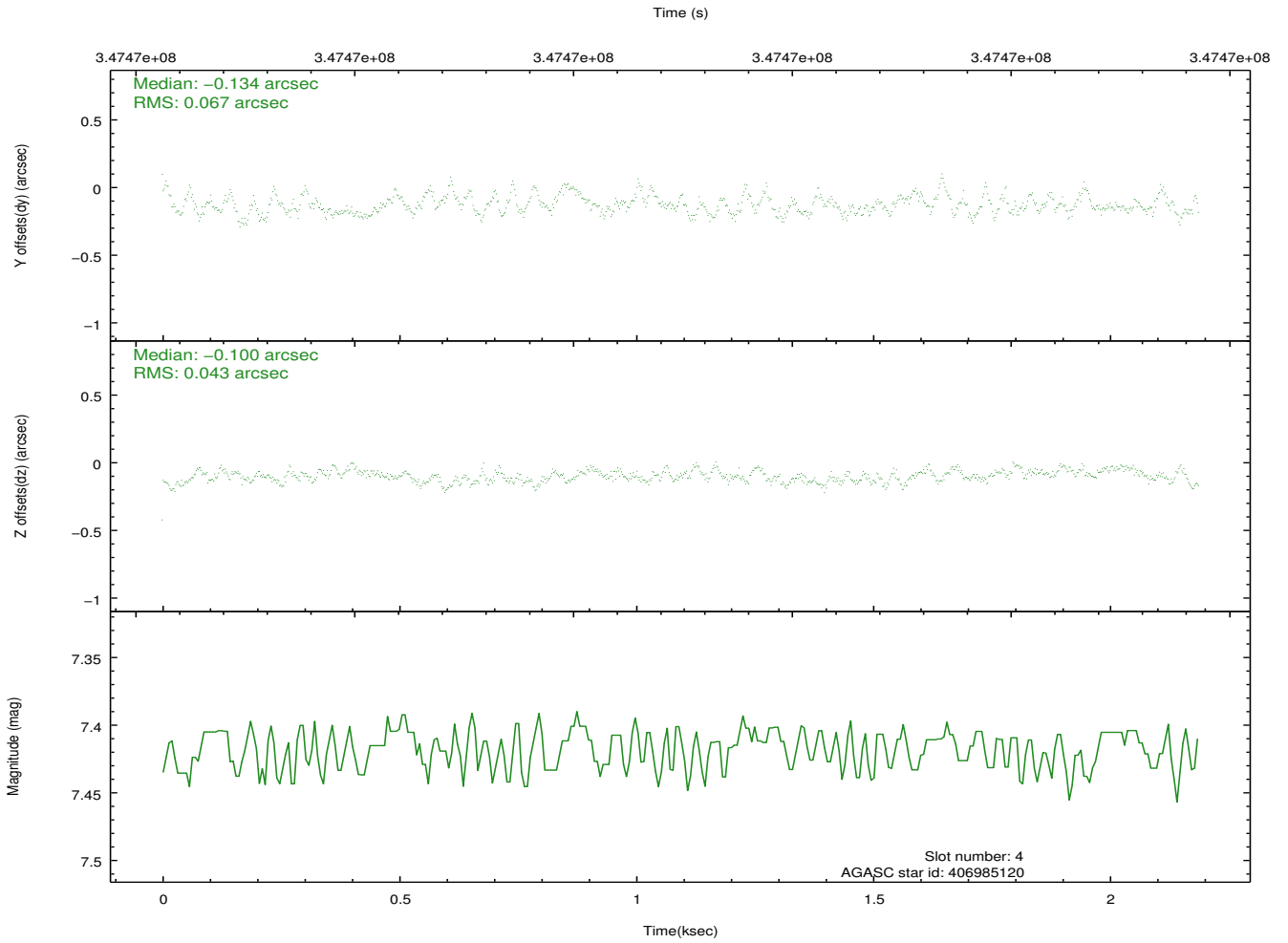
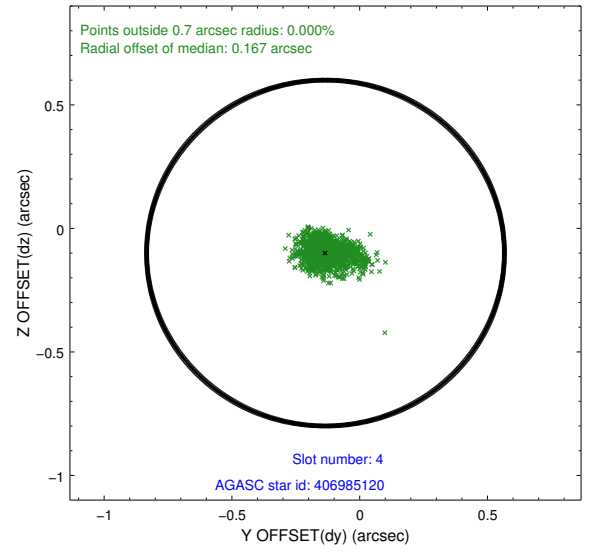
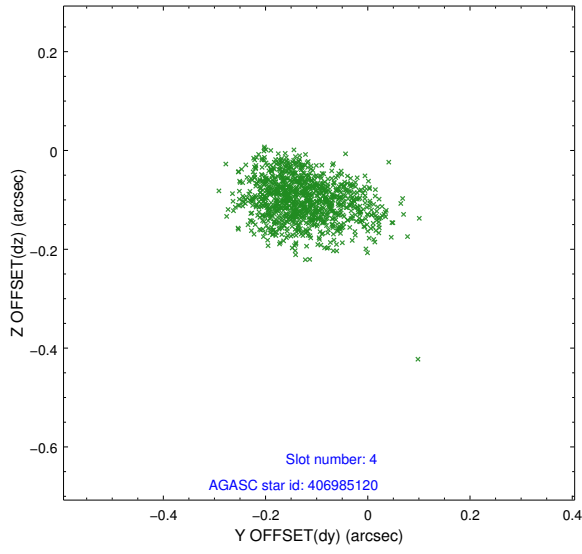
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	534	0.073	-0.199	0.008	0.013	0.000000	0.000000	-1168.75	-464.56
1	FID	HRC-S-2	7.00	534	0.209	-0.110	0.005	0.010	0.000000	0.000000	1228.85	-458.00
2	FID	HRC-S-3	7.01	534	0.107	0.007	0.008	0.013	0.000000	0.000000	-1169.13	564.31
3	GUIDE	406983600	8.91	1068	0.069	-0.055	0.083	0.136	279.940957	39.020708	1530.07	686.30
4	GUIDE	406985120	7.42	1068	-0.134	-0.100	0.082	0.139	278.839732	38.894839	-1583.53	582.69
5	GUIDE	406987384	8.96	1066	0.083	0.252	0.097	0.158	278.815518	38.115336	-1985.33	-2195.73
6	GUIDE	406989616	8.23	1068	0.158	0.073	0.074	0.130	279.202881	38.520843	-729.42	-875.48
7	GUIDE	407513096	8.13	1066	-0.183	-0.167	0.065	0.111	279.928965	39.436841	1654.05	2179.46

2.4 Star Slots

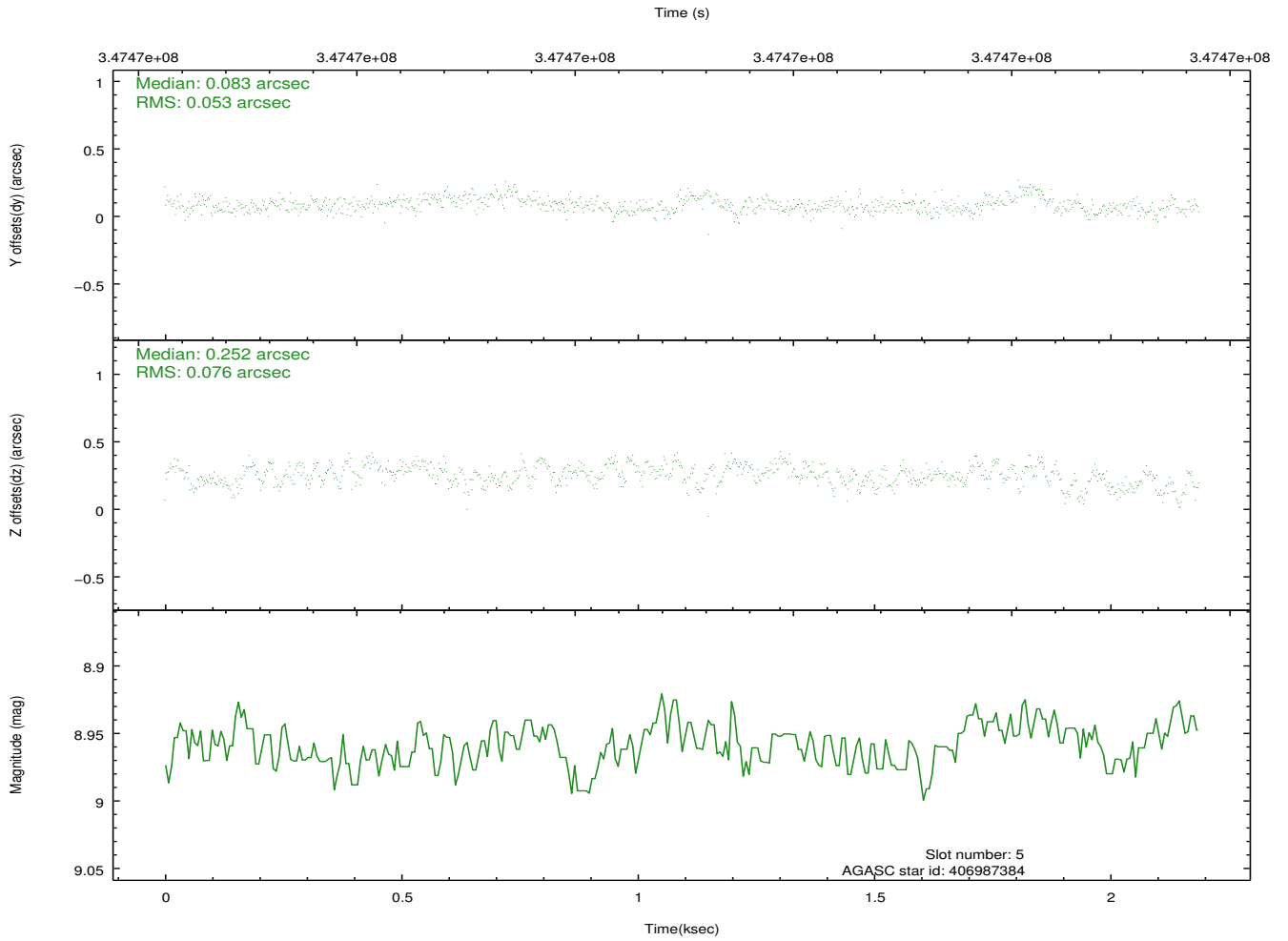
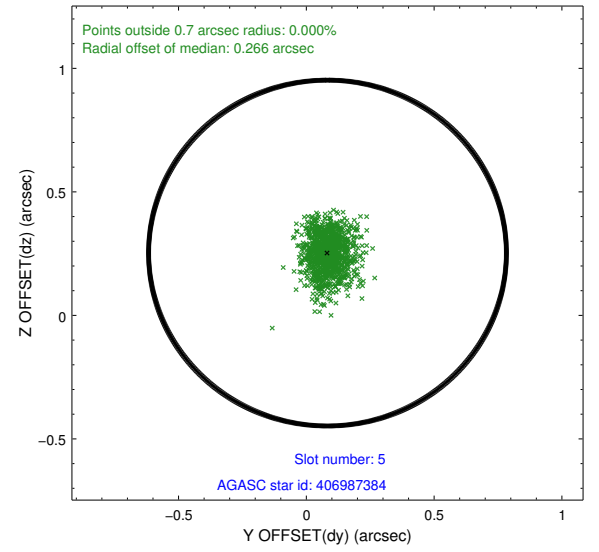
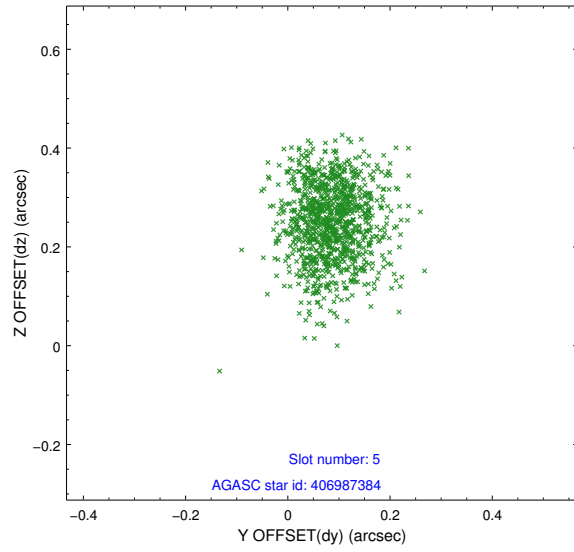
2.4.1 Slot 3



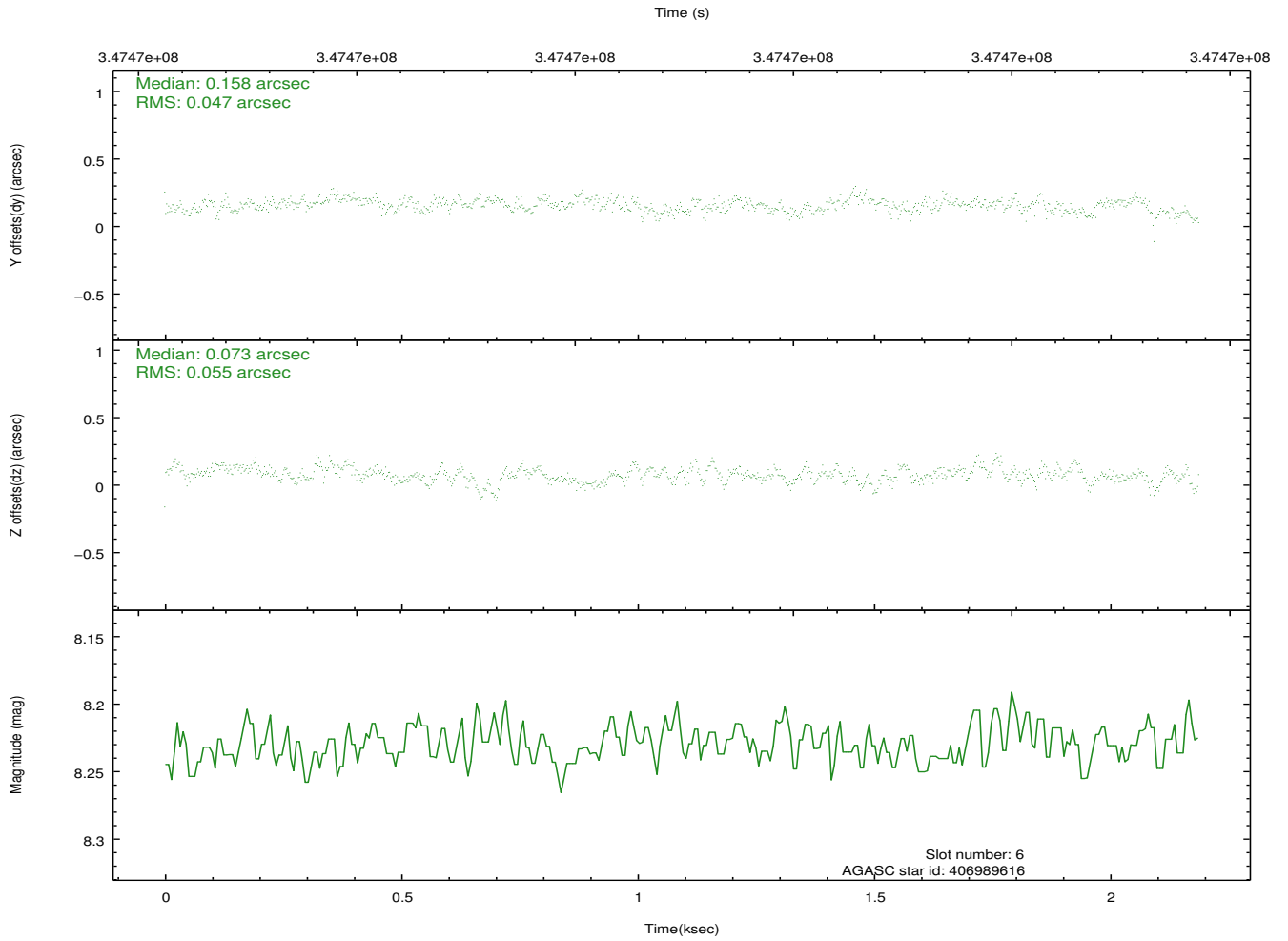
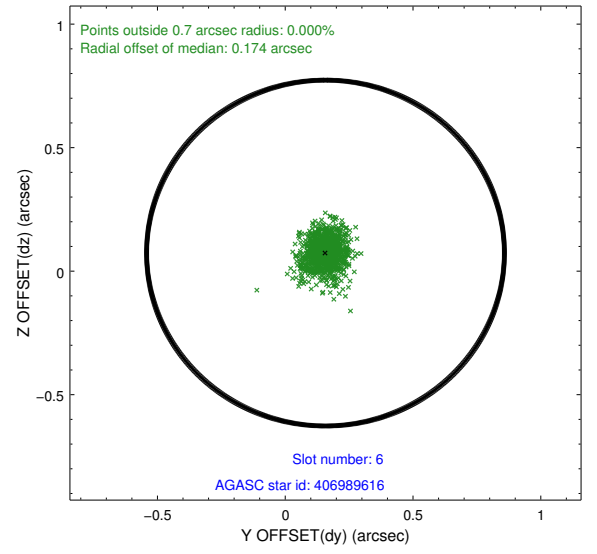
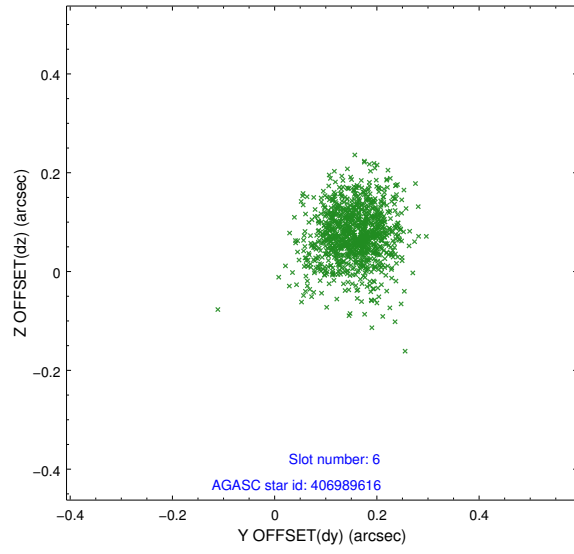
2.4.2 Slot 4



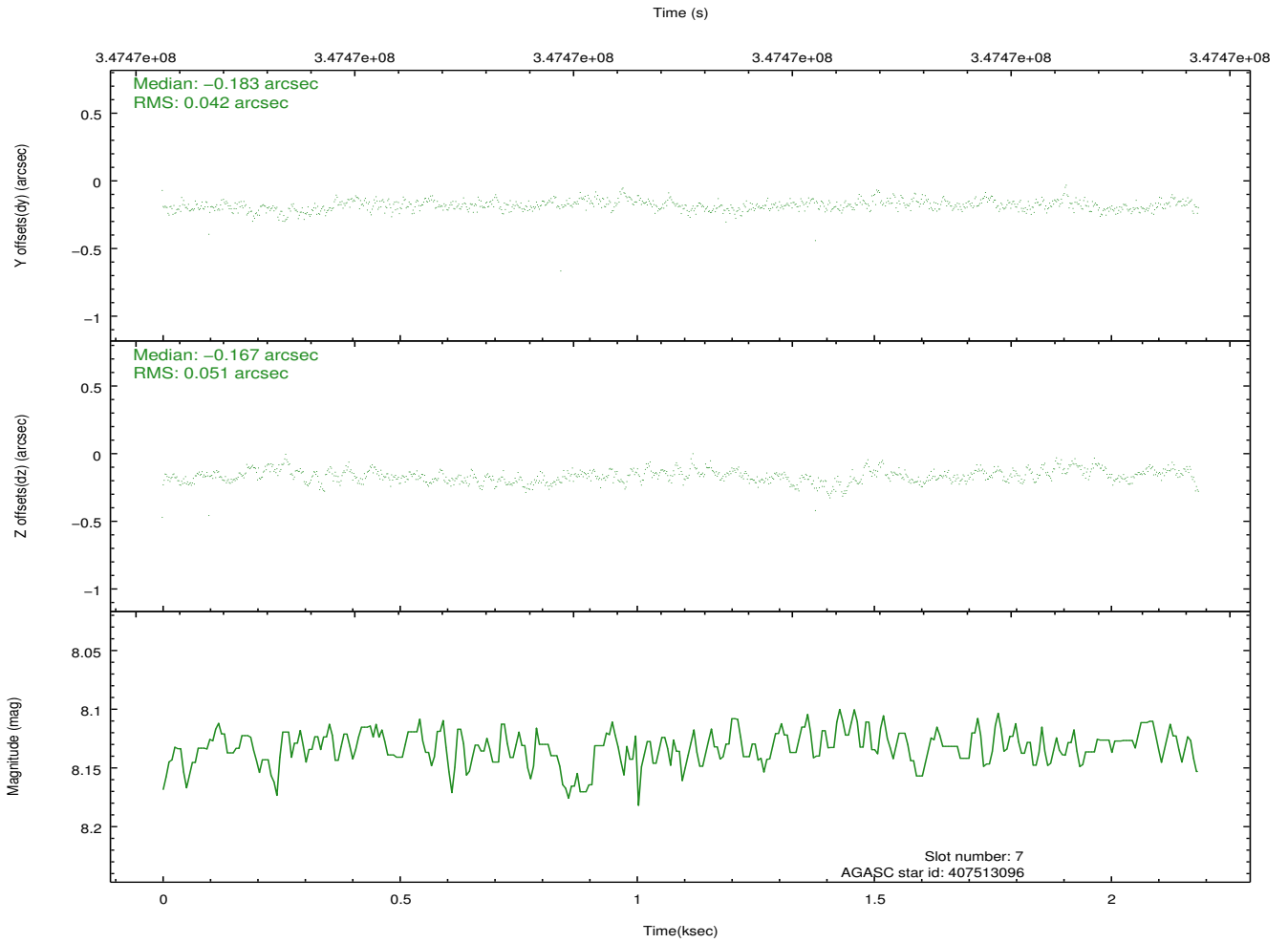
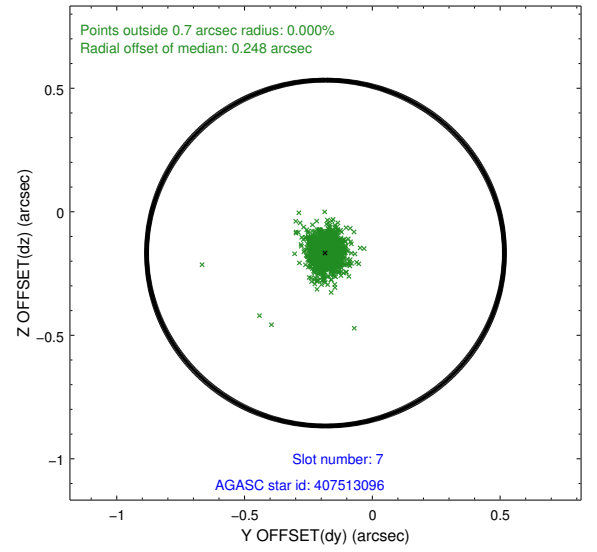
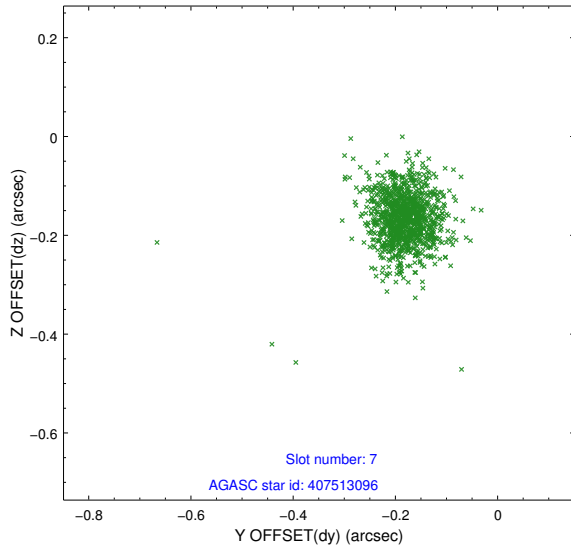
2.4.3 Slot 5



2.4.4 Slot 6

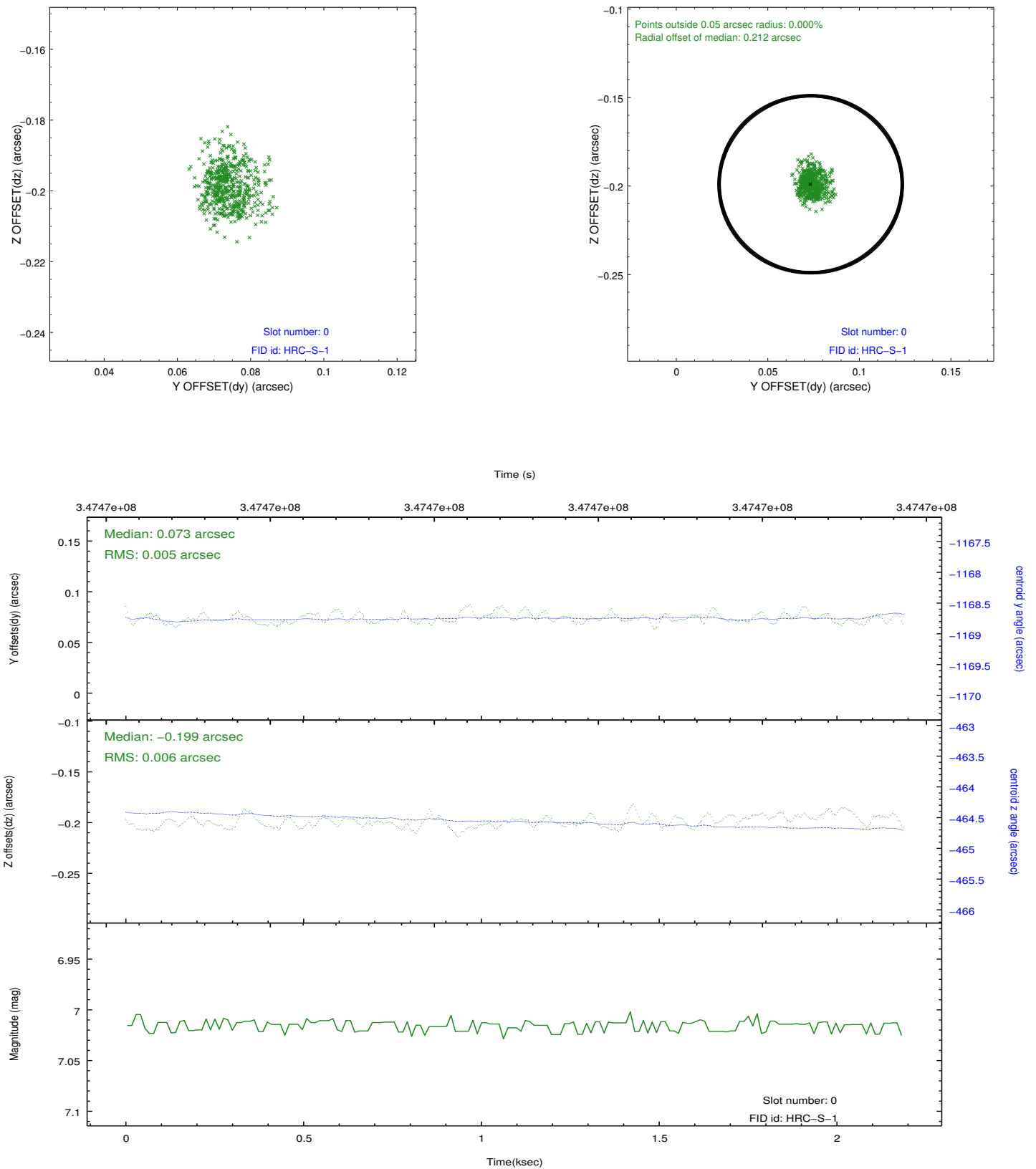


2.4.5 Slot 7

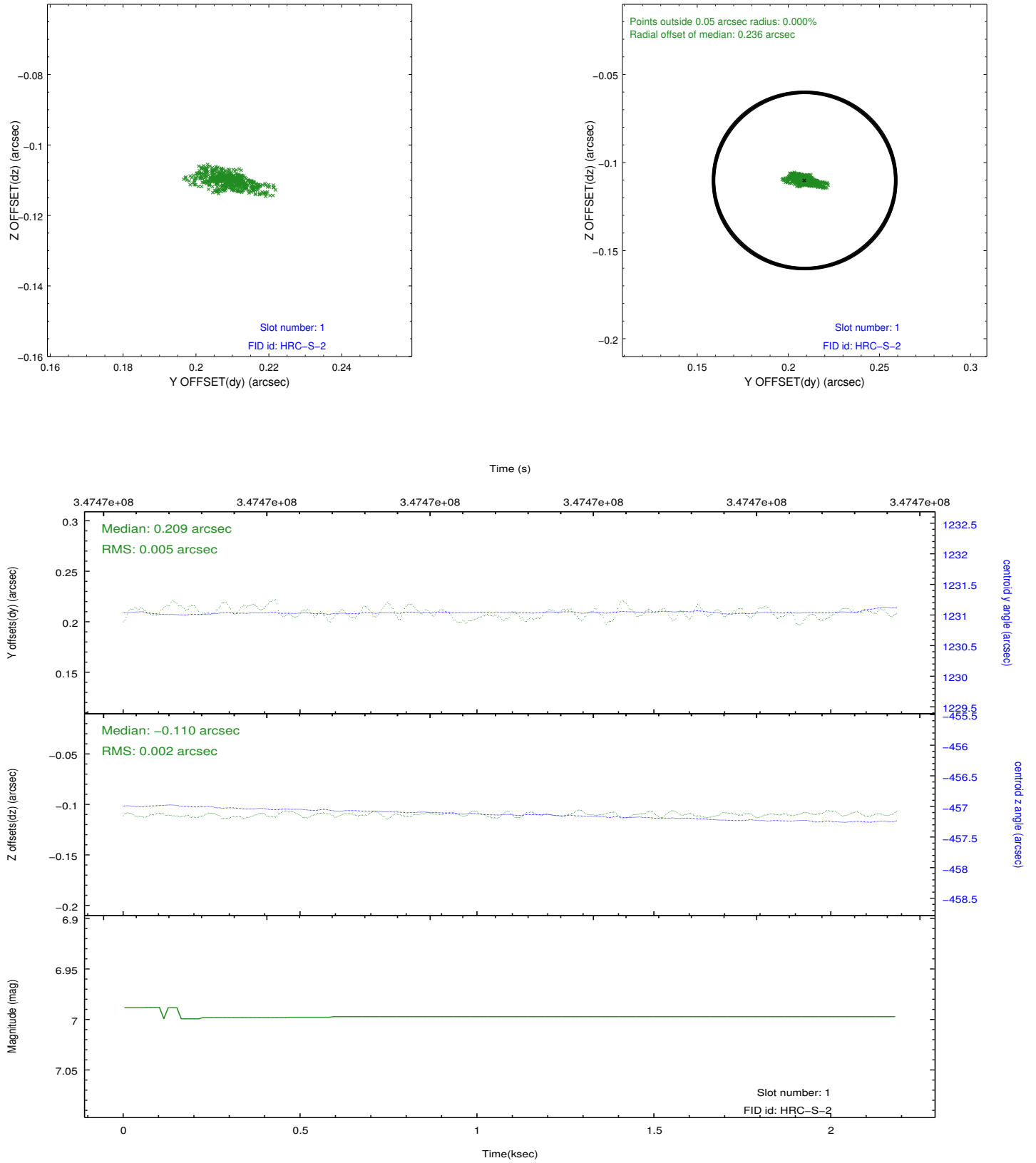


2.5 FID Slots

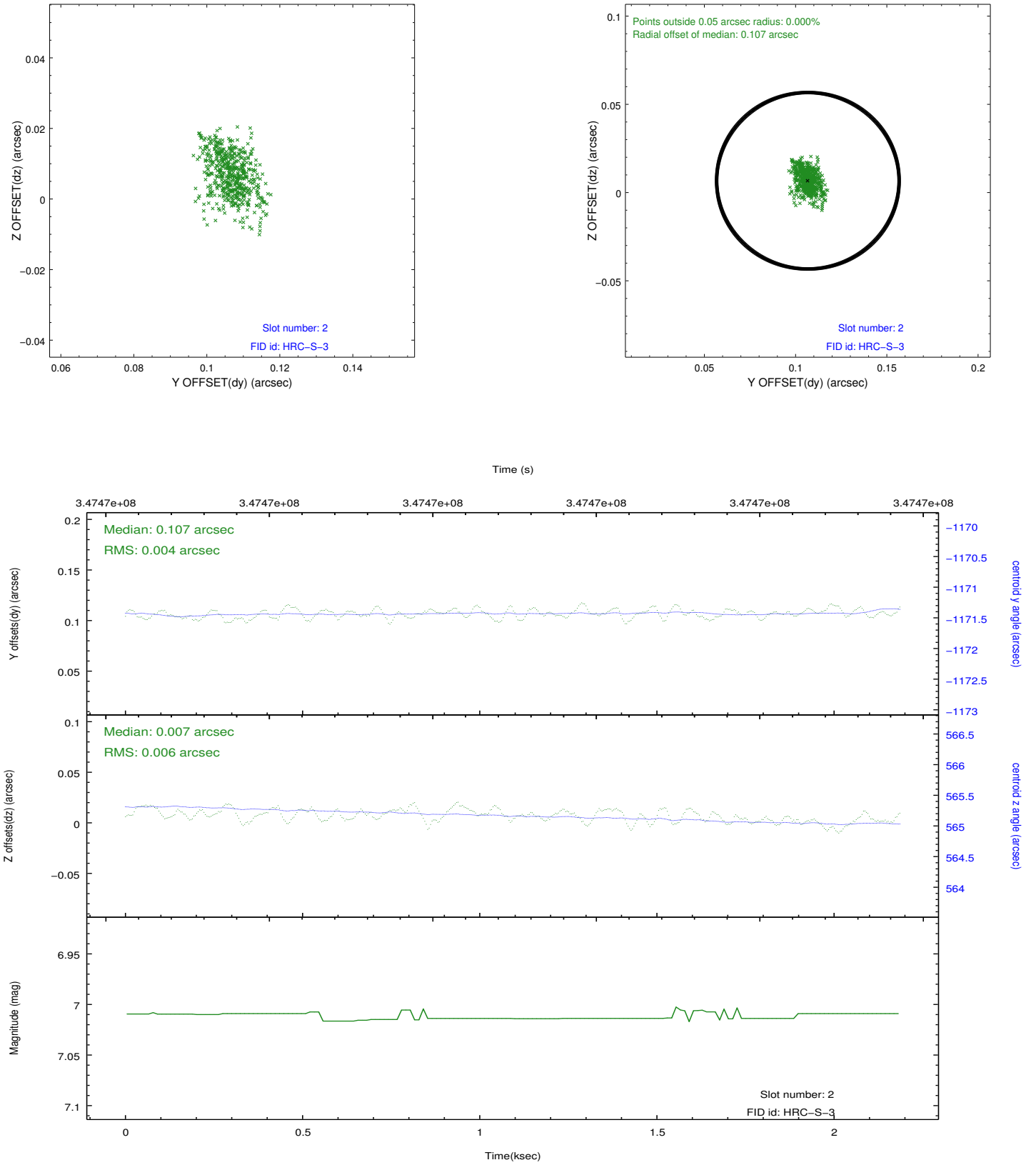
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1863251

A.2 Comments

Window constraint met.