

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14250 - L2 Version 3
Chandra X-Ray Center

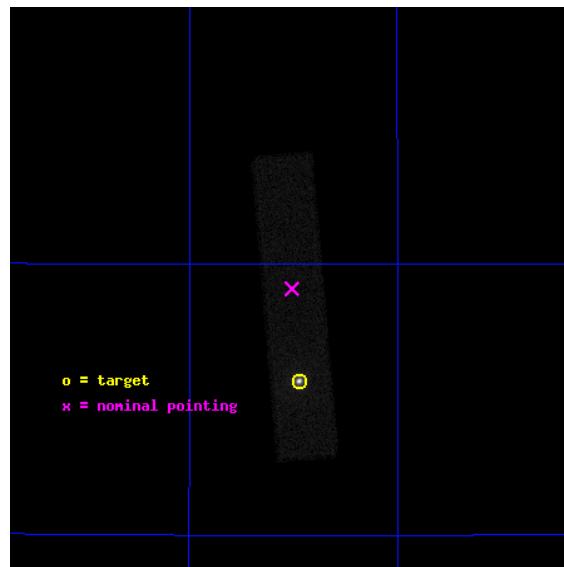
L2 Processing Date : Aug 10 2012

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1 Front

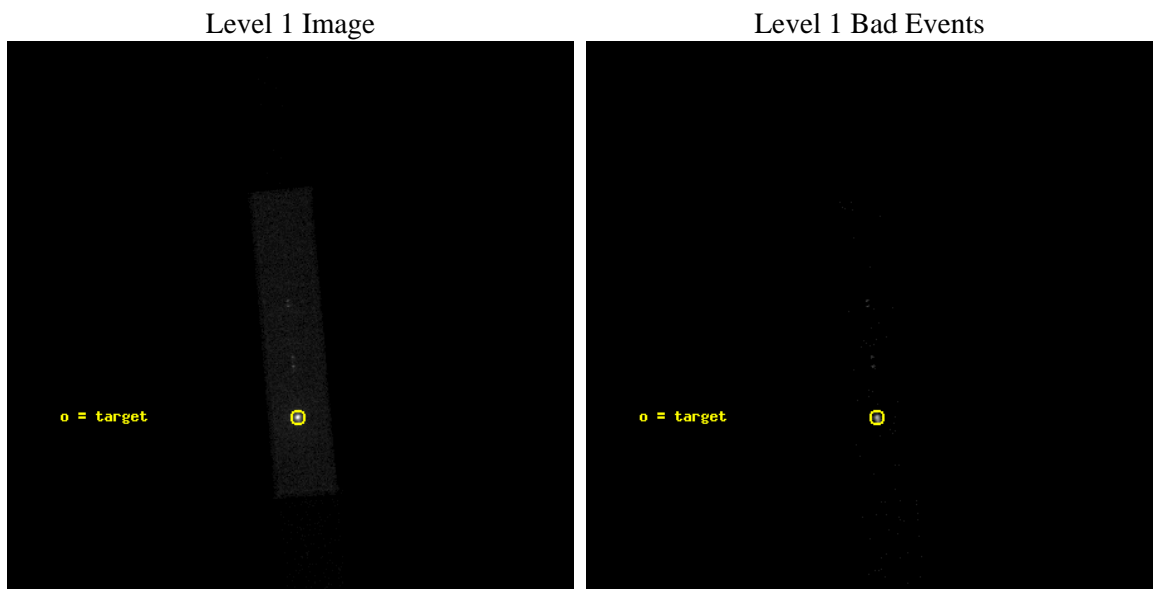
seq_num	291023	Sequence number
obs_id	14250	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.25376860195	Nominal RA [deg]
dec_nom	38.954991574556	Nominal Dec [deg]
roll_nom	84.945985811418	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1159.5313113928	[s]
liveltime	1078.9429773218	Ontime multiplied by DTCOR
l2events	204356	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	1159.5313113928	[s]
caldbver	4.5.1.1	 	l1events	231672	Number of level 1 events
date	2012-08-10T05:07:34	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

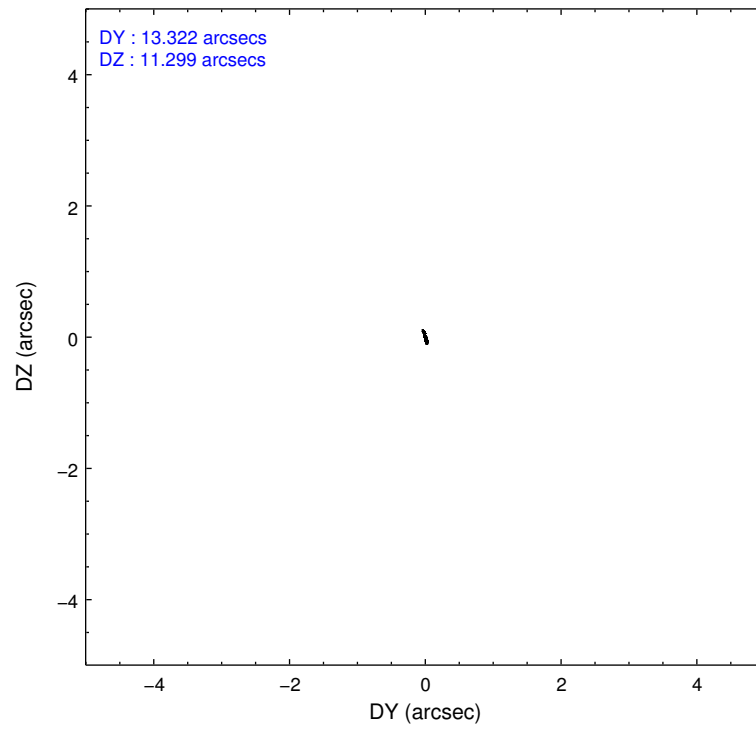
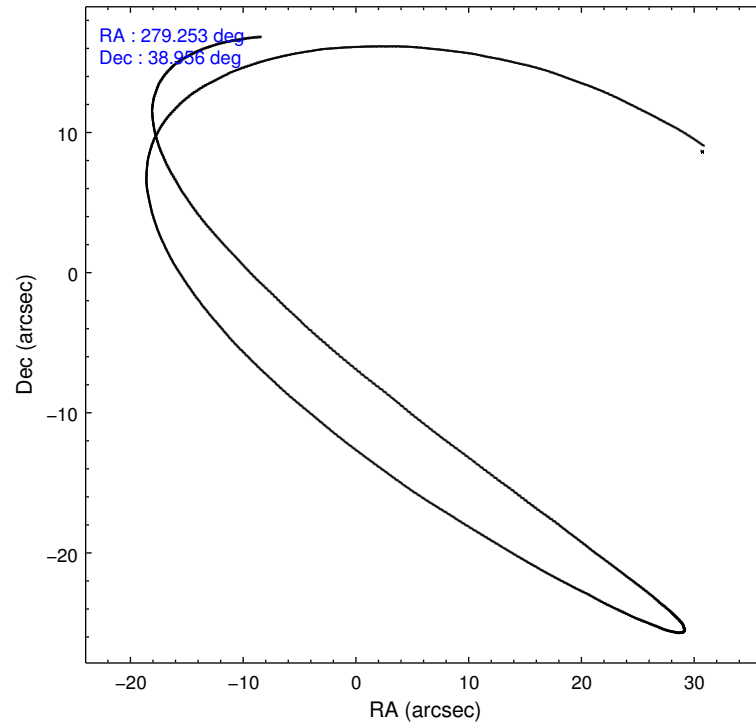
	segment 1	segment 2	segment 3
level 1 events	4185	226942	545
rejected events	4185	13033	545
rejected %	100%	5%	100%

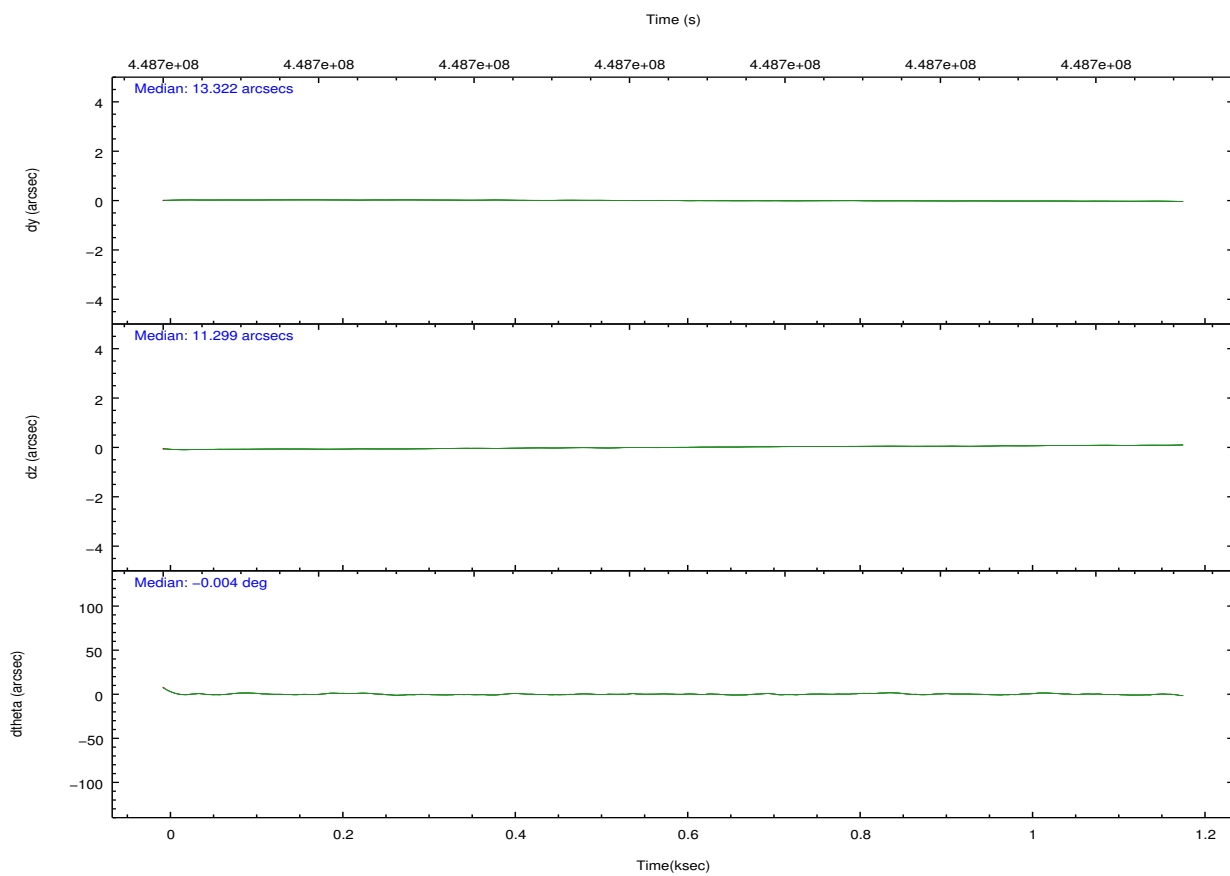
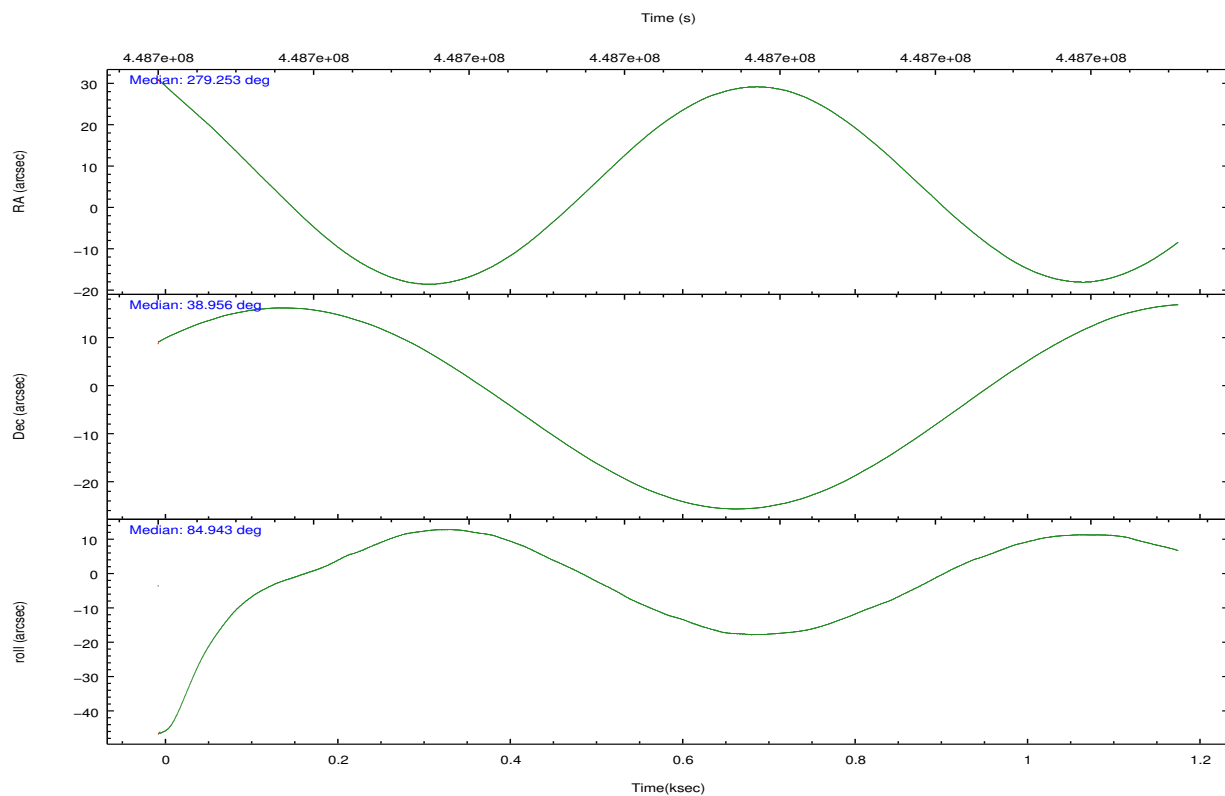
2.2 Compared Parameters

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	279.271919	279.2537686019487
[deg] Pointing Dec	38.929124	38.95499157455552
[deg] Pointing Roll	84.867588	84.94598581141823
[s] Window start time (MET)	446947266.184000	446947266.184000
[s] Window stop time (MET)	452131266.184000	452131266.184000
[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)	448696239.184000	448695859.91276
Observation start date	2012-03-21T05:49:33	2012-03-21T05:44:19
[s] Observation end time (MET)	448697239.184000	448697372.81284
Observation end date	2012-03-21T06:06:13	2012-03-21T06:09:32

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

2.3 Aspect



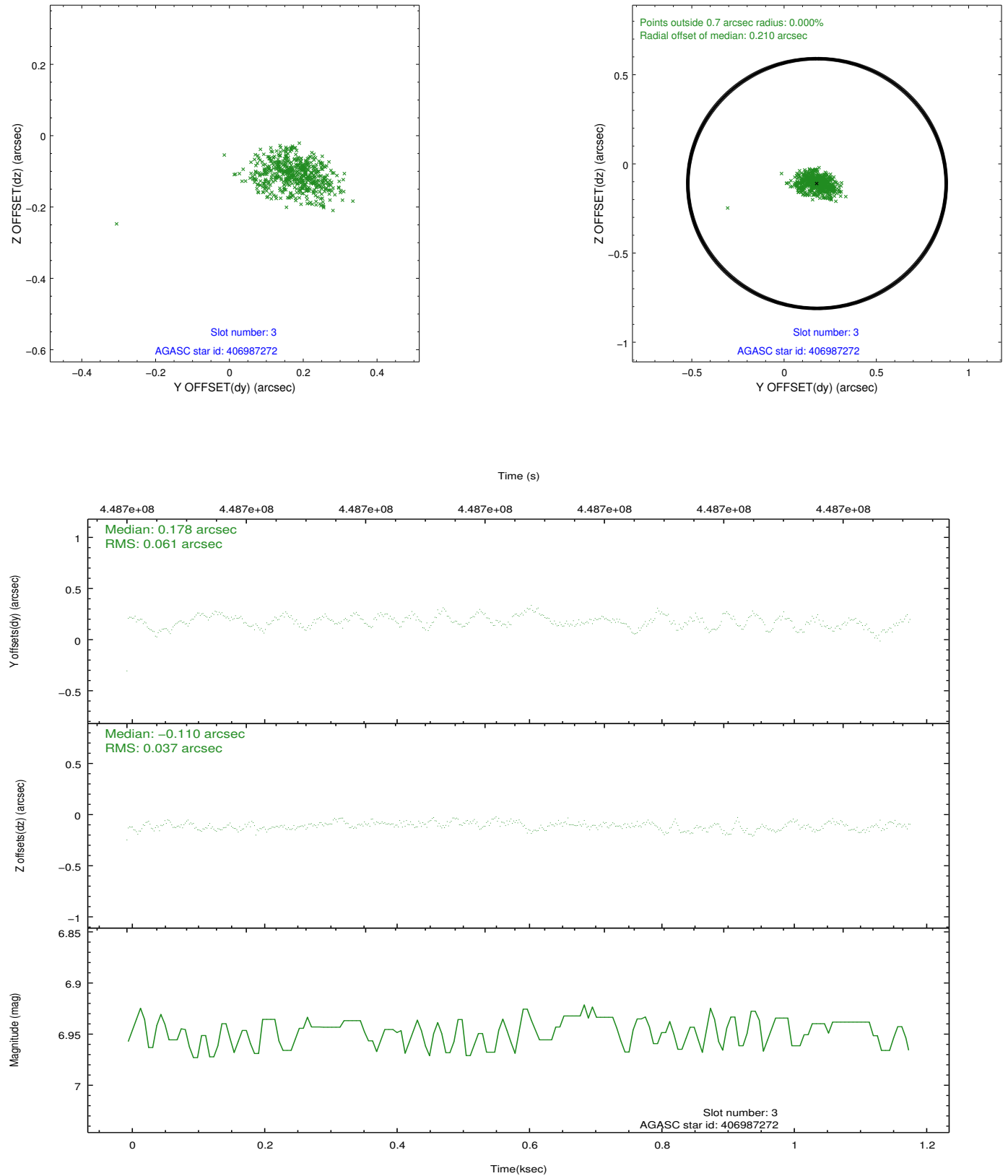


Slot Statistics

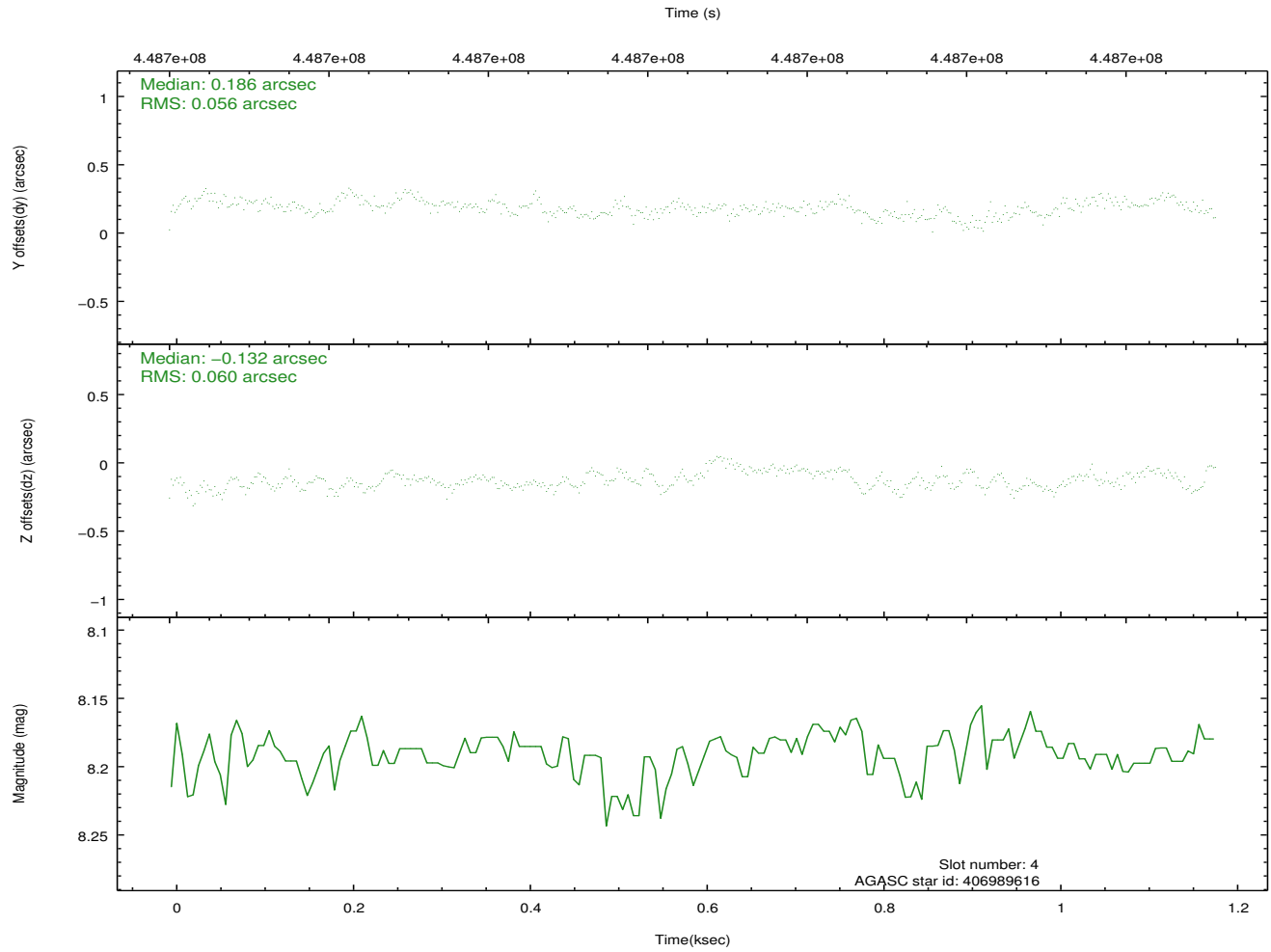
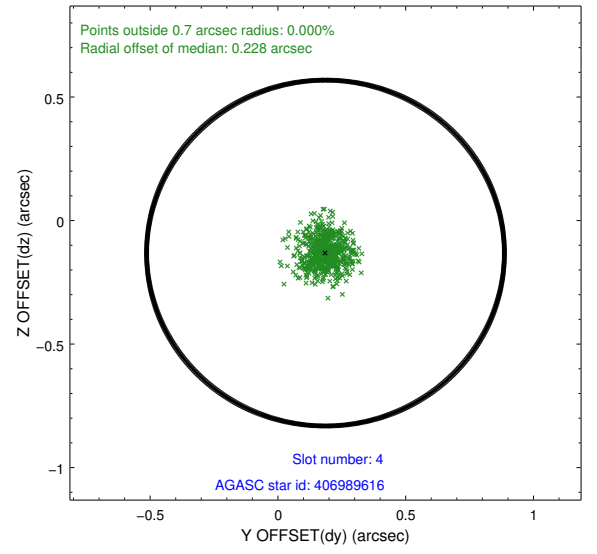
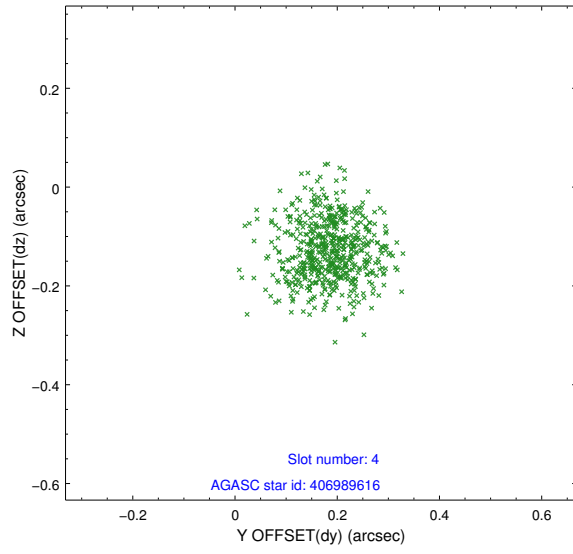
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.94	289	0.156	-0.134	0.007	0.015	0.000000	0.000000	1232.05	-452.65
1	FID	HRC-S-3	6.96	289	-0.010	-0.090	0.006	0.009	0.000000	0.000000	-1166.23	567.98
2	FID	HRC-S-4	6.89	289	0.259	-0.071	0.007	0.015	0.000000	0.000000	1226.70	574.10
3	GUIDE	406987272	6.95	578	0.178	-0.110	0.076	0.117	278.536588	38.437504	-1940.67	1905.27
4	GUIDE	406989616	8.19	578	0.186	-0.132	0.089	0.142	279.202881	38.520843	-1485.74	62.69
5	GUIDE	407513096	8.15	578	-0.319	0.230	0.065	0.107	279.928965	39.436841	1986.42	-1657.53
6	GUIDE	407521232	8.64	578	-0.012	0.107	0.093	0.147	279.628883	39.431715	1894.99	-831.76
7	GUIDE	407510432	8.13	577	-0.029	-0.114	0.063	0.103	278.762778	39.530640	2036.14	1598.23

2.4 Star Slots

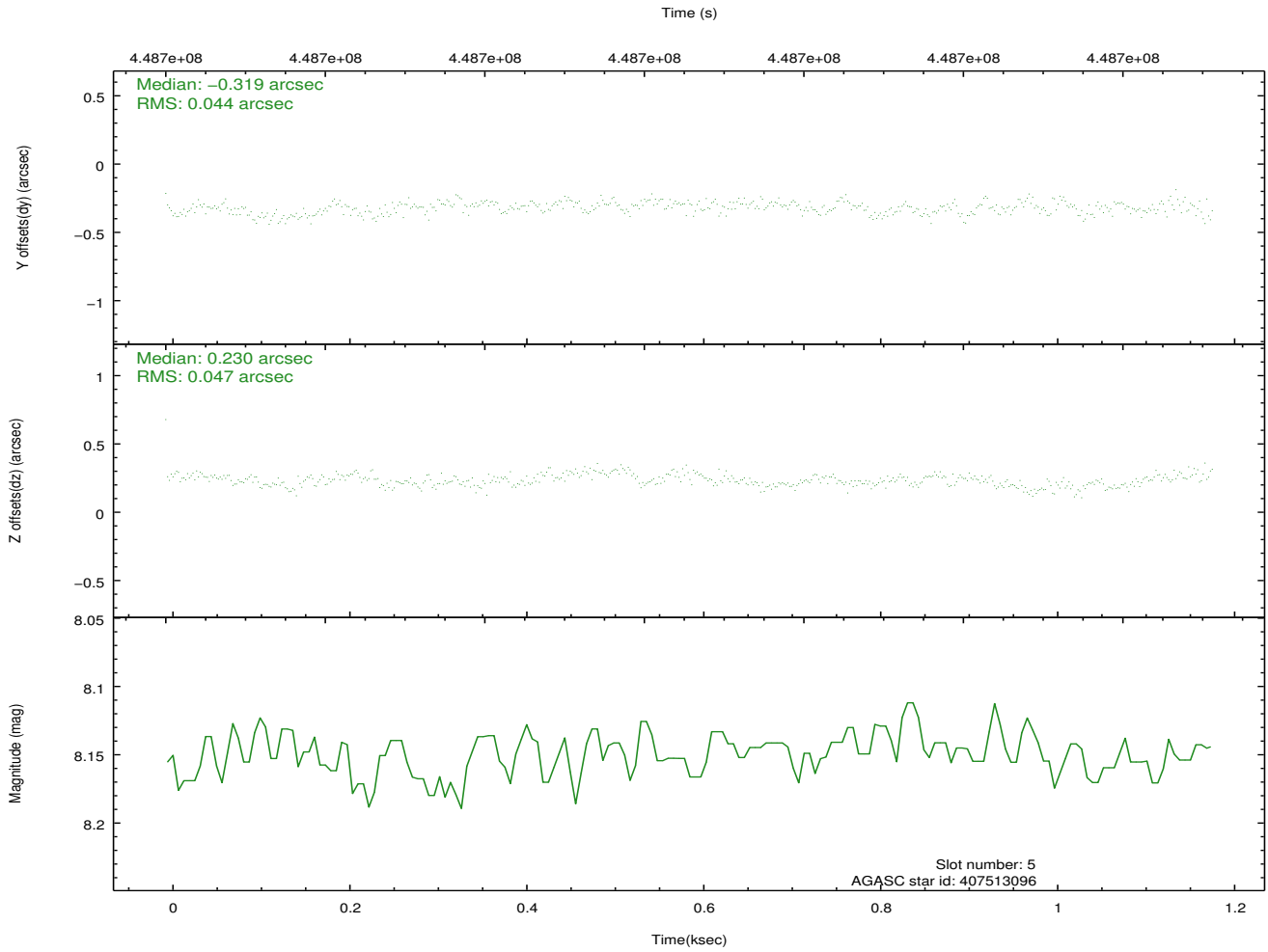
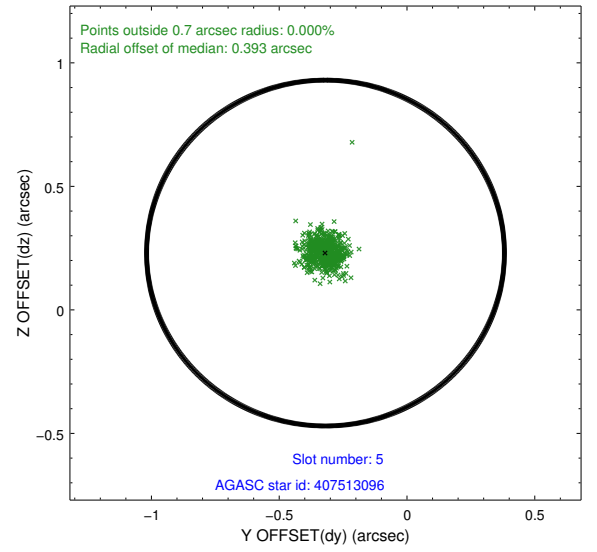
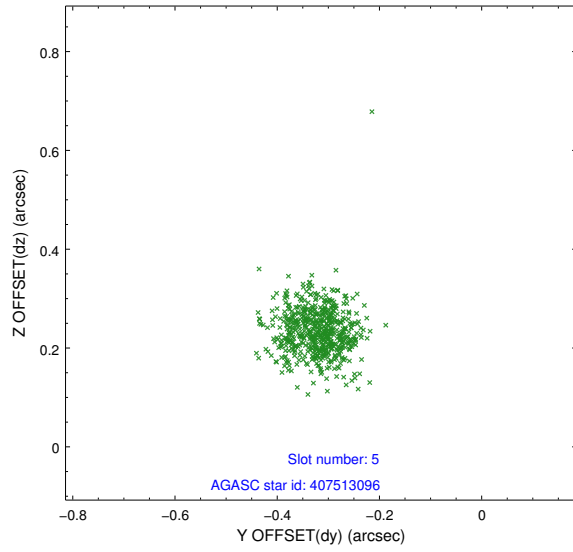
2.4.1 Slot 3



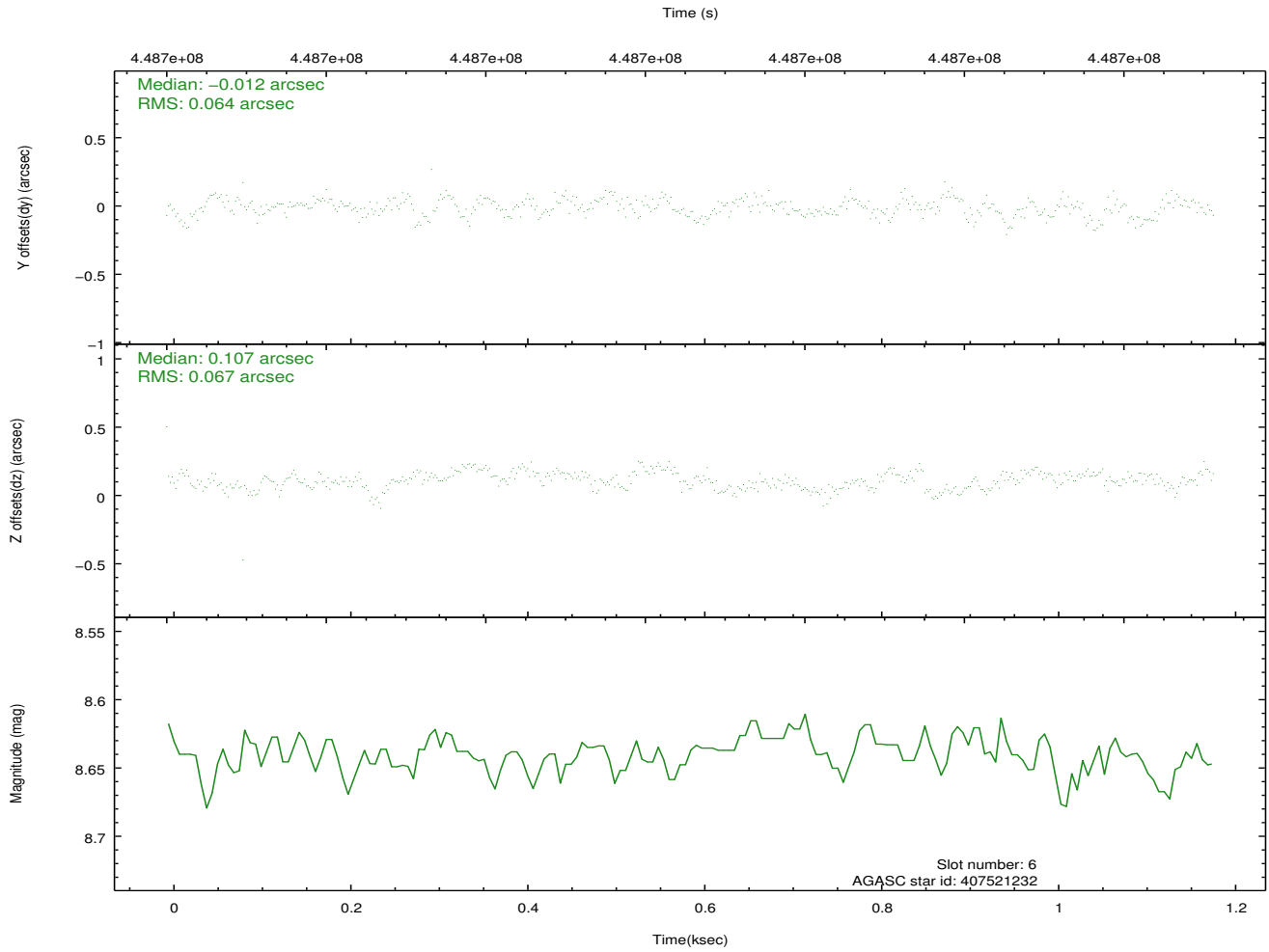
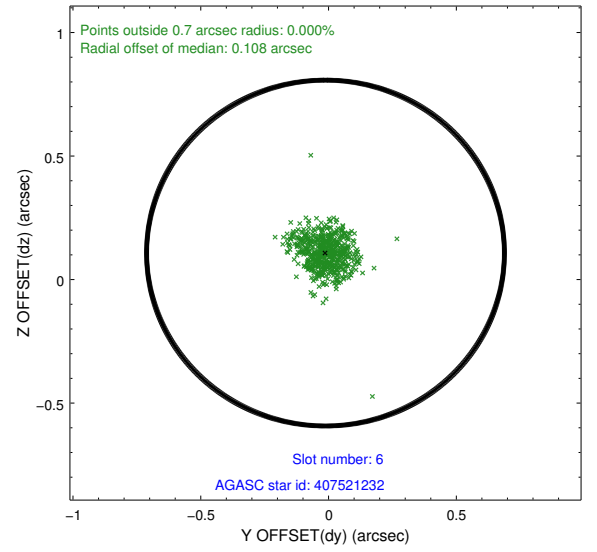
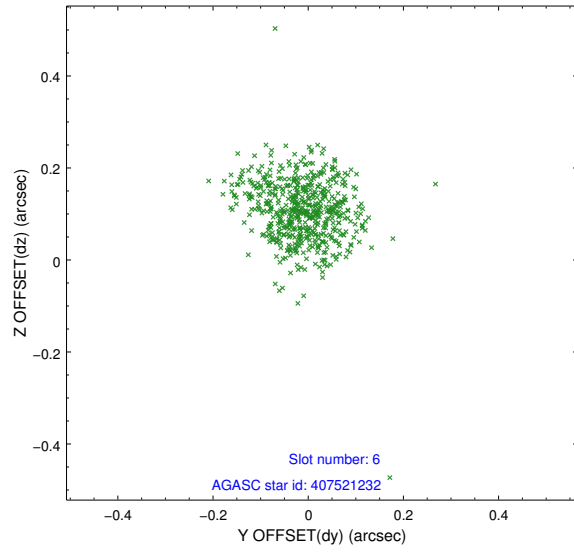
2.4.2 Slot 4



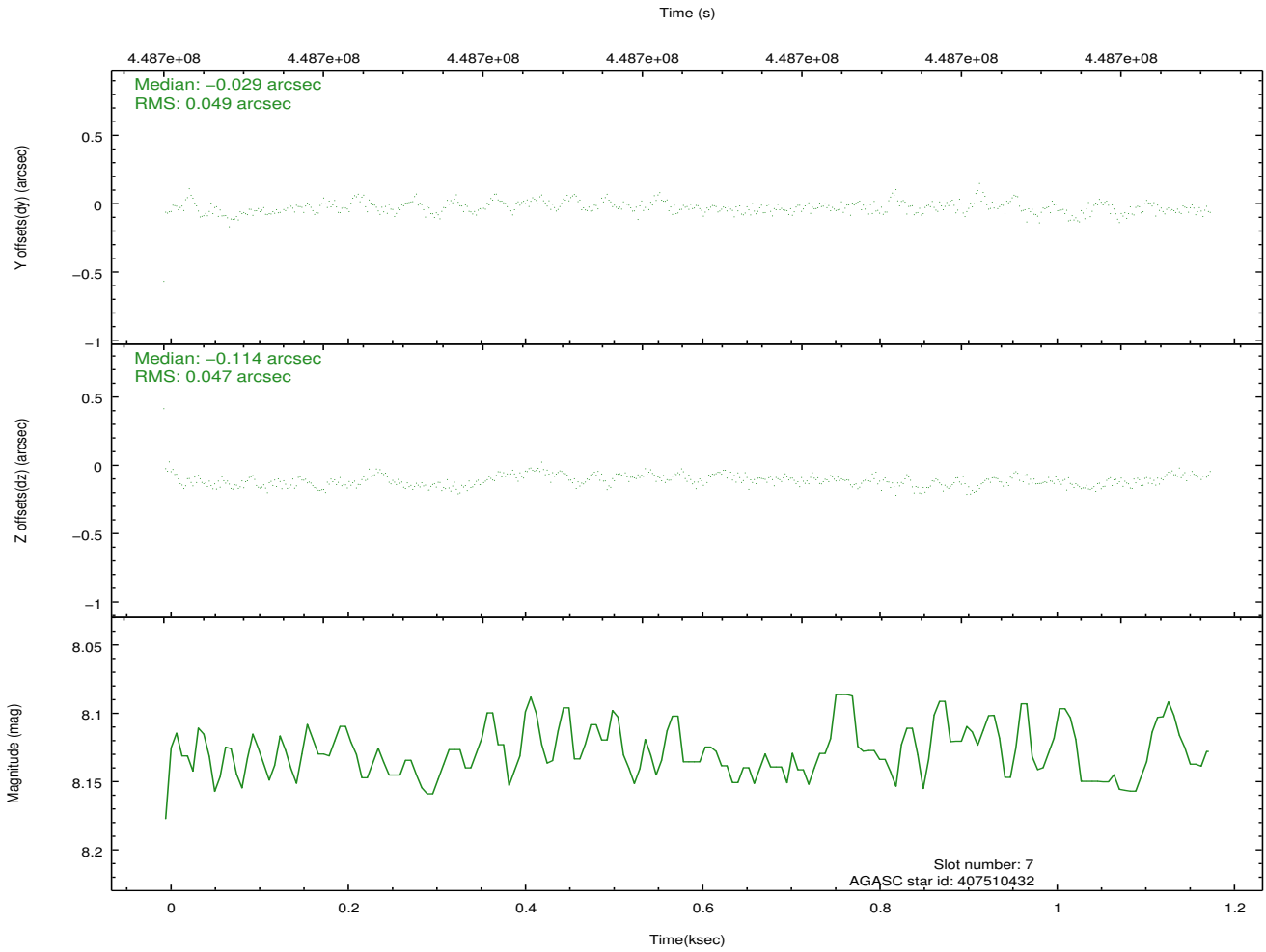
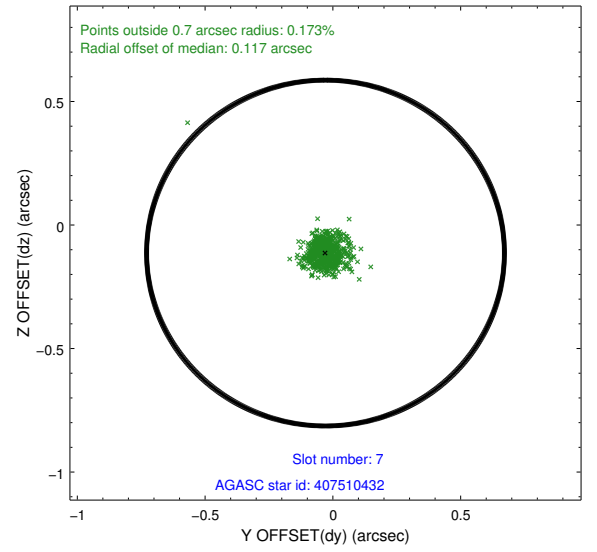
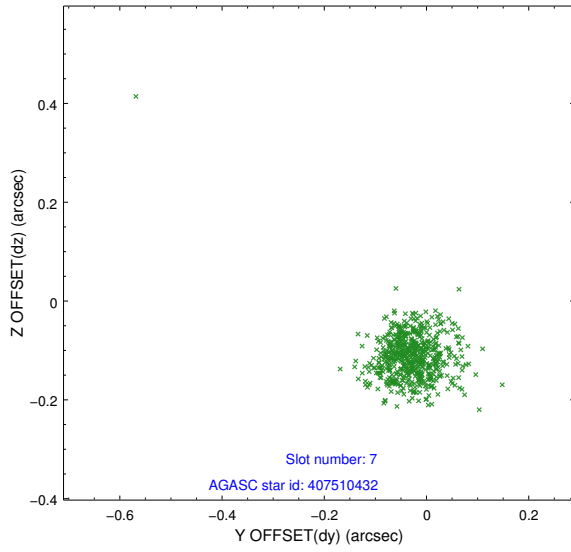
2.4.3 Slot 5



2.4.4 Slot 6

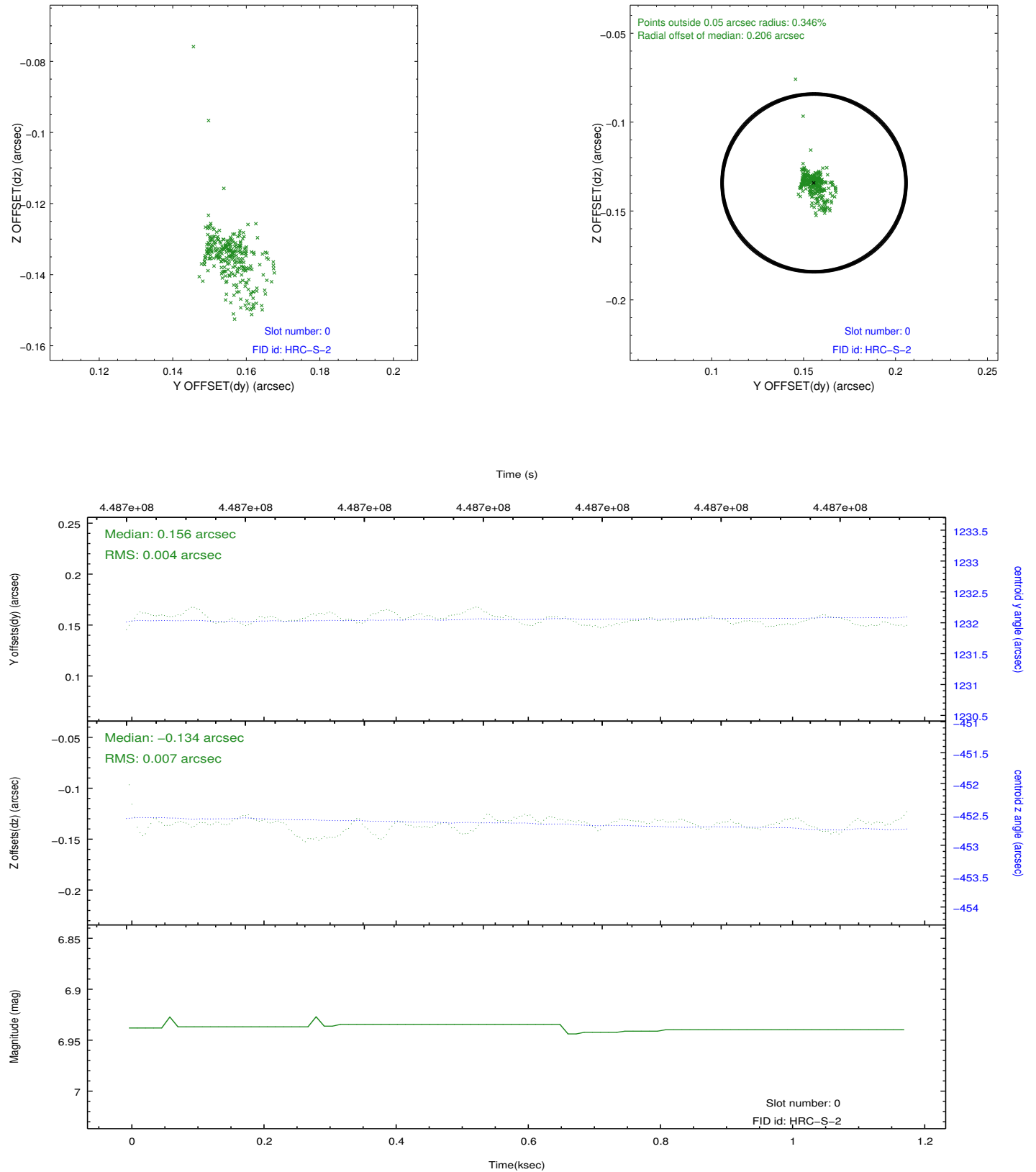


2.4.5 Slot 7

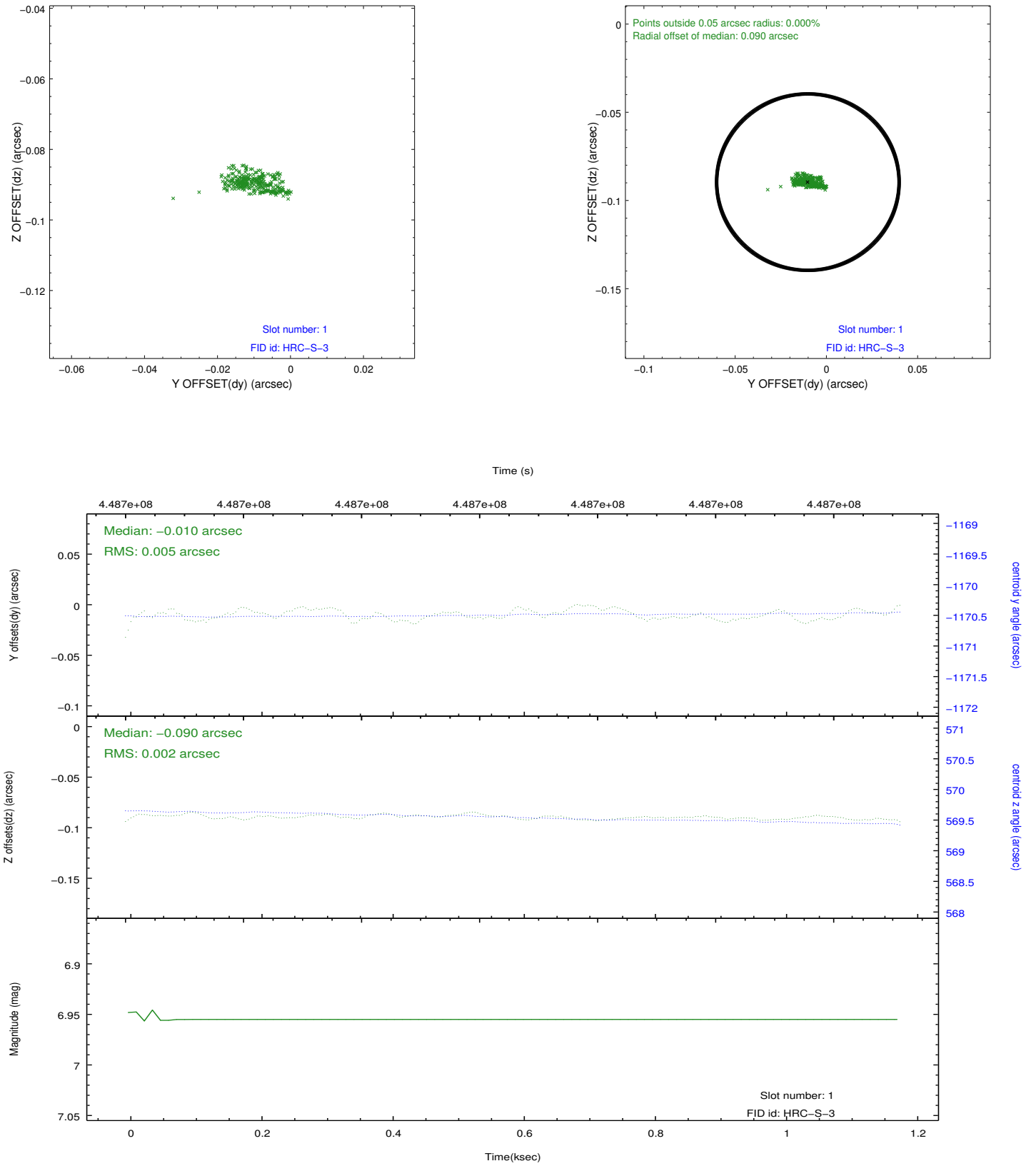


2.5 FID Slots

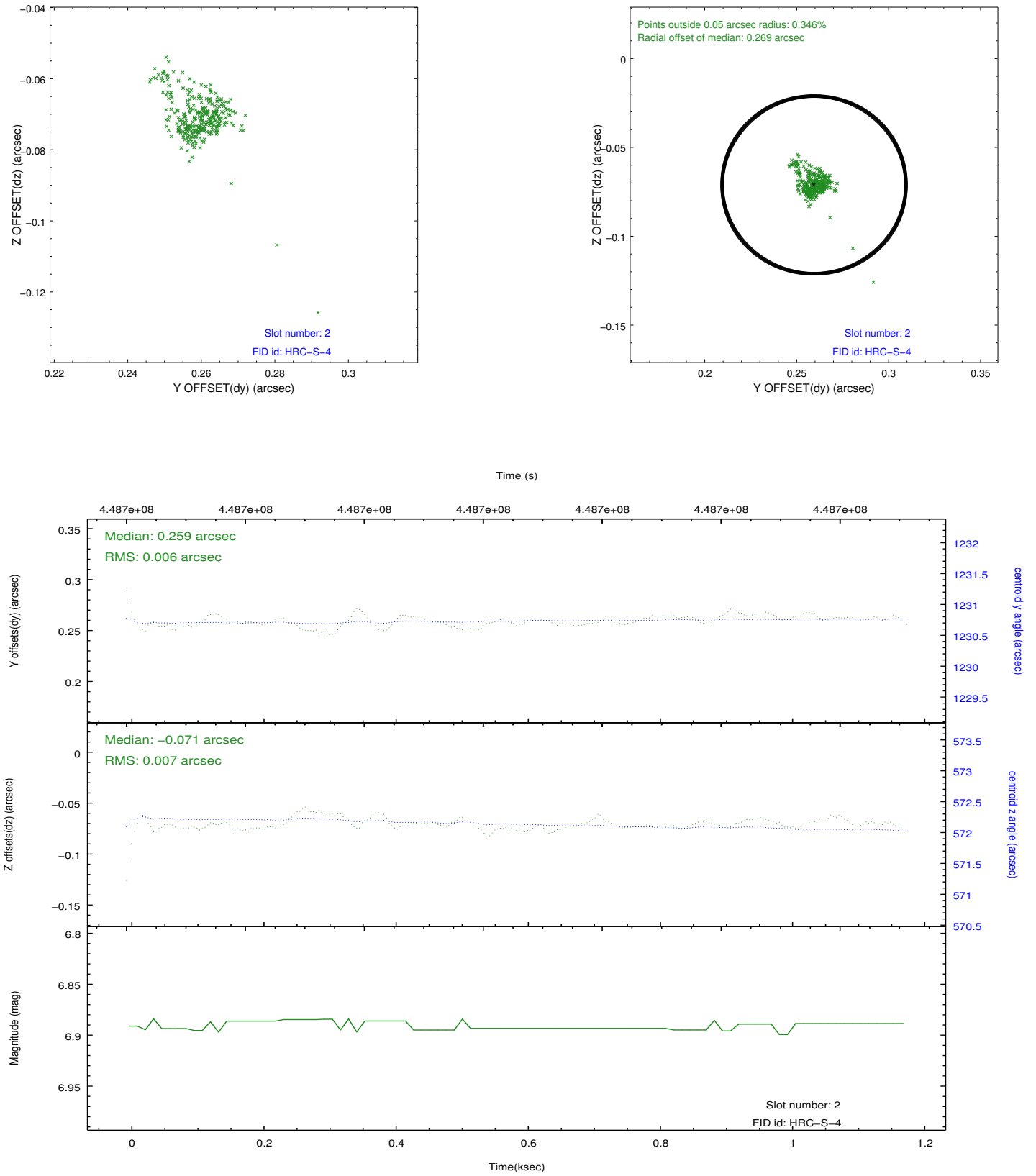
2.5.1 Slot 0



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	1.1595313113928

A.2 Comments

Window constraint met.