

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9621 - L2 Version 3
Chandra X-Ray Center

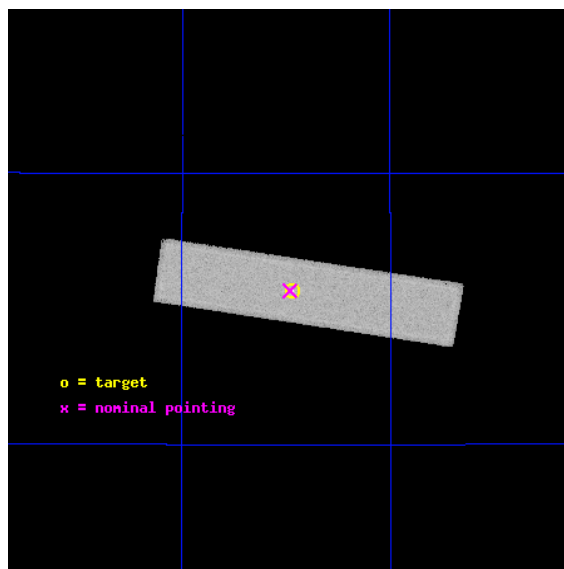
L2 Processing Date : Aug 12 2012

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1 Front

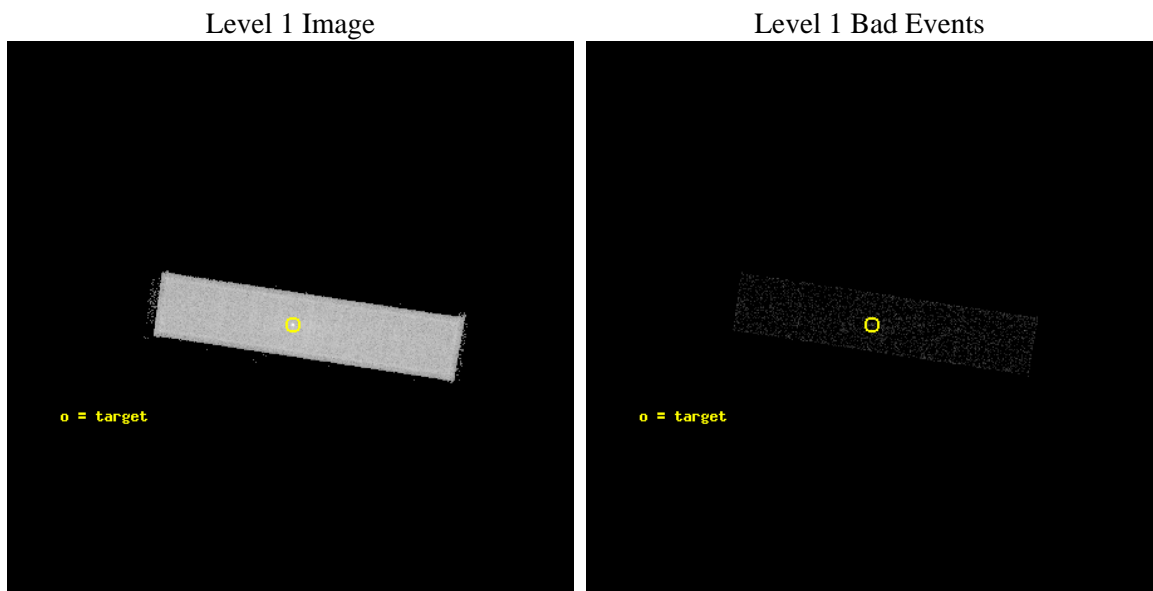
seq_num	290744	Sequence number
obs_id	9621	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.24116049285	Nominal RA [deg]
dec_nom	38.784157822481	Nominal Dec [deg]
roll_nom	8.491564436123	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.7563542724	[s]
livetime	2135.3372604414	Ontime multiplied by DTCOR
l2events	120020	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	2152.7563542724	[s]
caldsver	4.5.1.1	 	l1events	157477	Number of level 1 events
date	2012-08-12T08:56:45	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

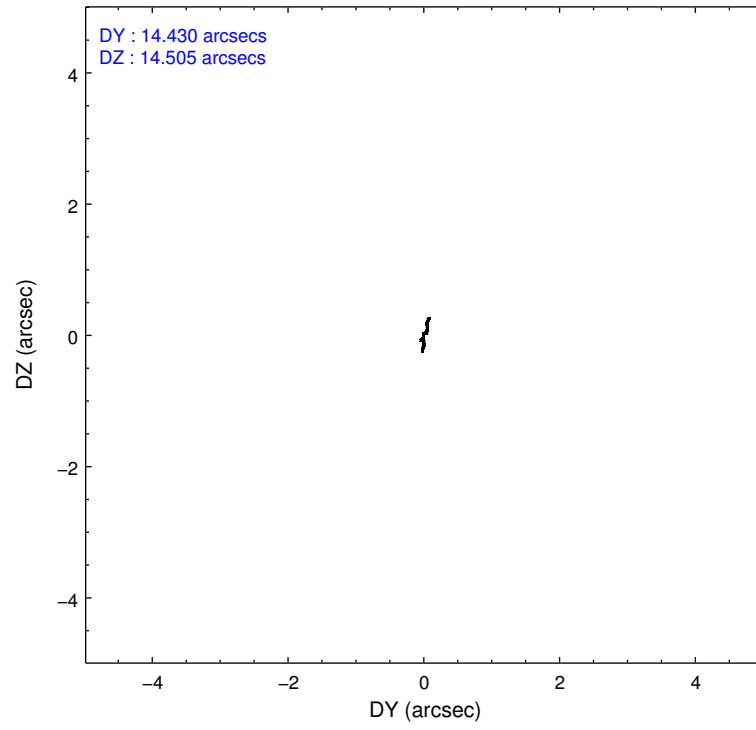
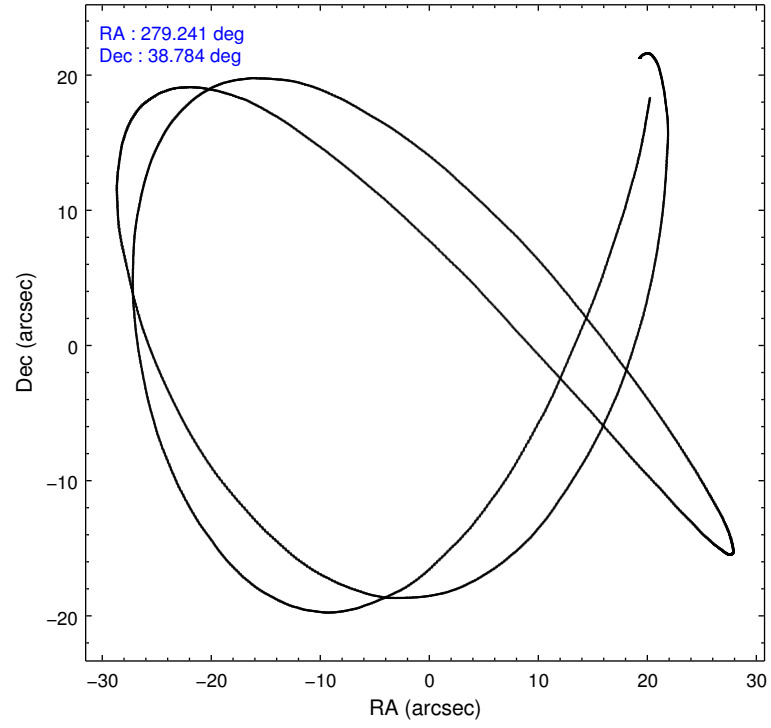
	segment 1	segment 2	segment 3
level 1 events	0	157477	0
rejected events	0	11383	0
rejected %	0%	7%	0%

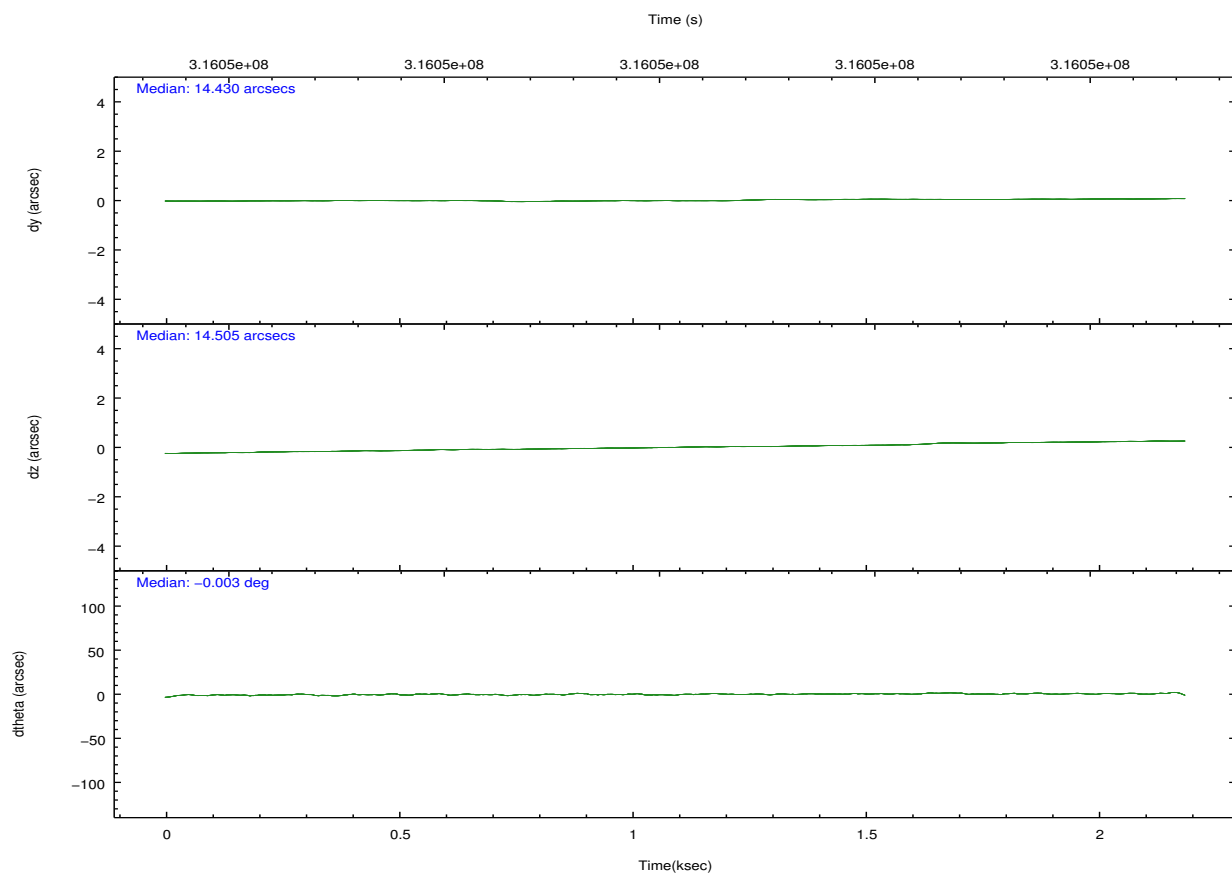
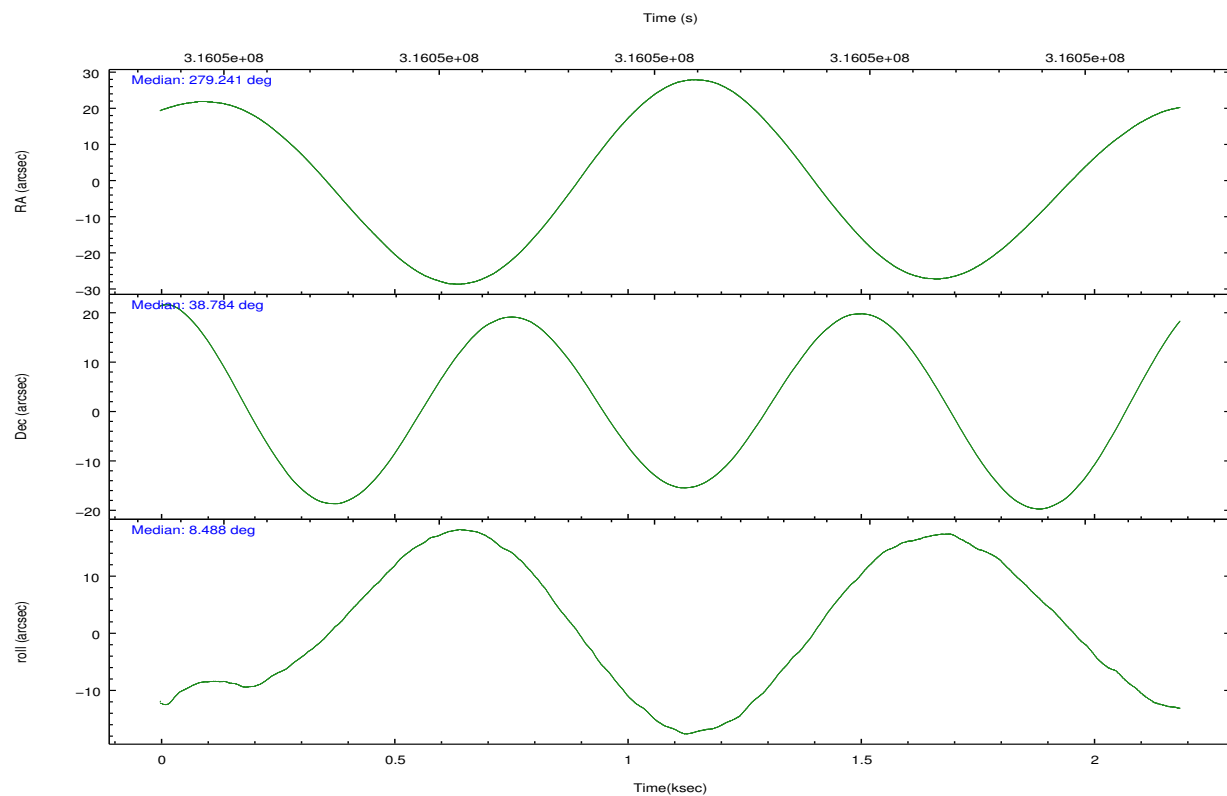
2.2 Compared Parameters

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	279.213420	279.2411604928546
[deg] Pointing Dec	38.765446	38.78415782248139
[deg] Pointing Roll	8.441608	8.491564436123005
[s] Window start time (MET)	312854465.184000	312854465.184000
[s] Window stop time (MET)	320544065.184000	320544065.184000
[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)	316048631.184000	316048255.72785
Observation start date	2008-01-06T23:16:06	2008-01-06T23:10:55
[s] Observation end time (MET)	316050631.184000	316050764.92797
Observation end date	2008-01-06T23:49:26	2008-01-06T23:52:44

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

2.3 Aspect



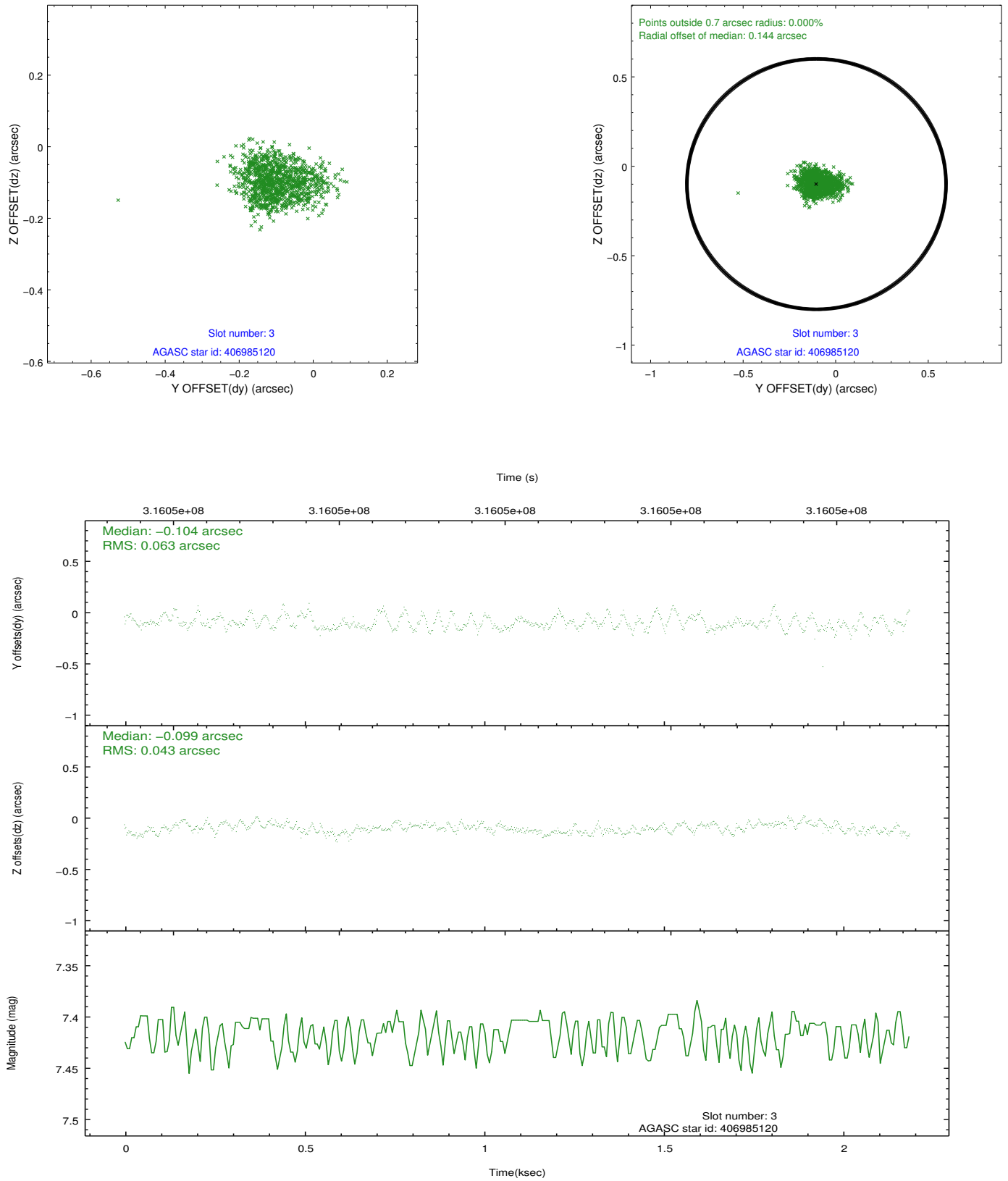


Slot Statistics

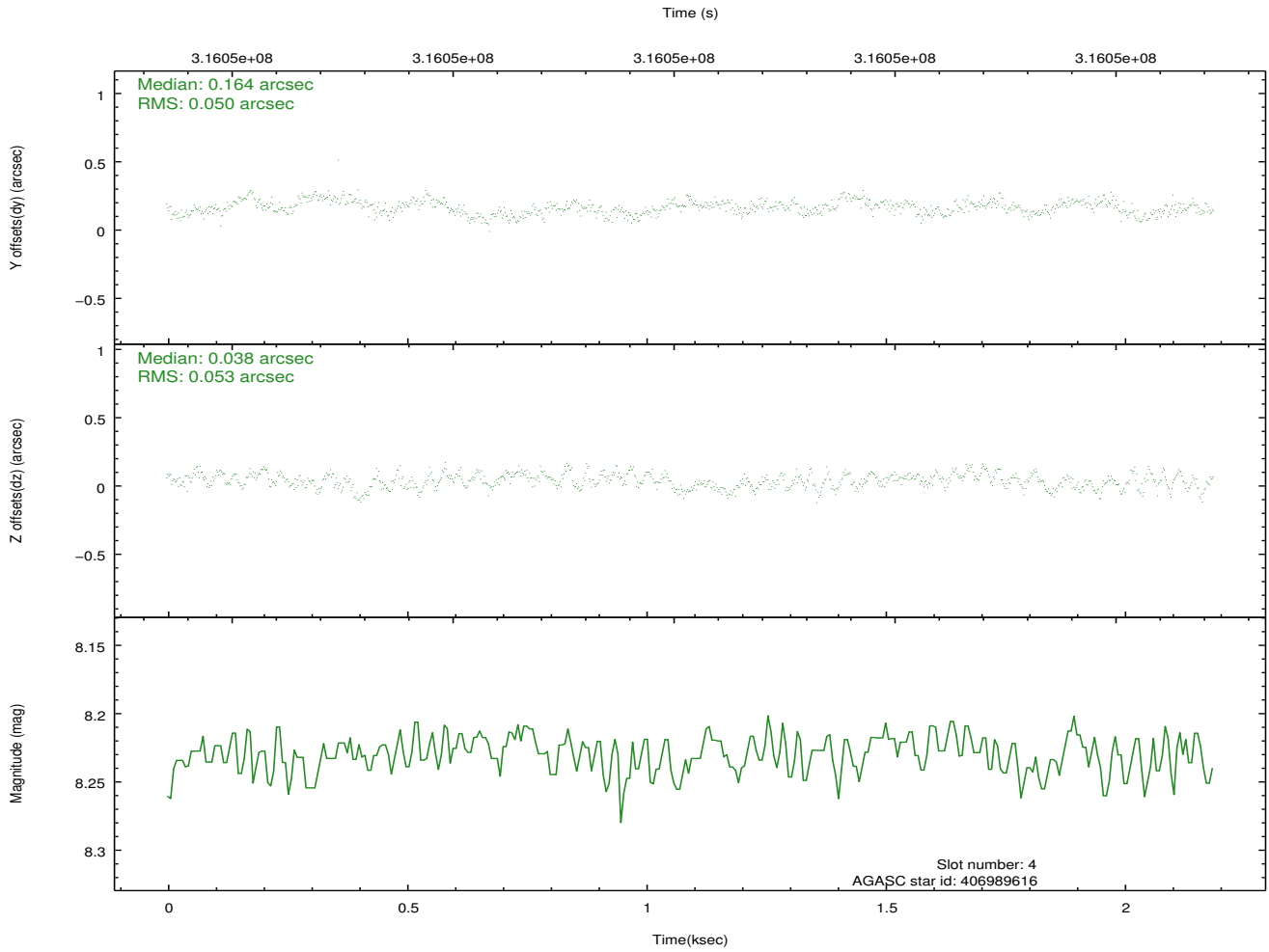
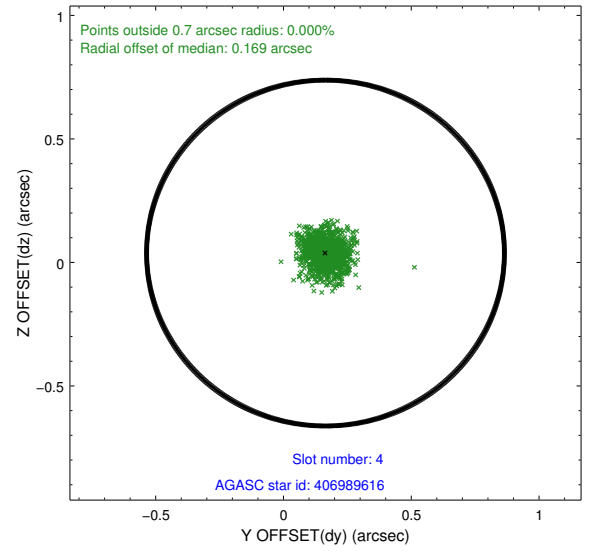
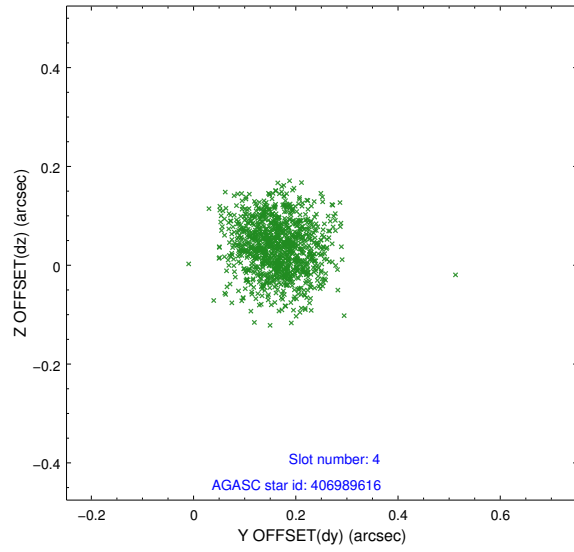
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	534	0.091	-0.220	0.007	0.011	0.000000	0.000000	-1168.82	-463.39
1	FID	HRC-S-2	6.99	534	0.173	-0.102	0.005	0.008	0.000000	0.000000	1228.73	-456.81
2	FID	HRC-S-3	7.01	534	0.126	0.020	0.007	0.011	0.000000	0.000000	-1169.19	565.51
3	GUIDE	406985120	7.42	1068	-0.104	-0.099	0.080	0.132	278.839732	38.894839	-967.04	617.41
4	GUIDE	406989616	8.23	1068	0.164	0.038	0.078	0.124	279.202881	38.520843	-159.23	-865.08
5	GUIDE	407513096	8.14	1068	-0.154	-0.069	0.058	0.096	279.928965	39.436841	2323.65	2106.86
6	GUIDE	407521232	8.63	1067	0.015	-0.129	0.079	0.130	279.628883	39.431715	1497.42	2208.55
7	GUIDE	406987384	8.96	1067	0.069	0.255	0.092	0.148	278.815518	38.115336	-1456.37	-2143.99

2.4 Star Slots

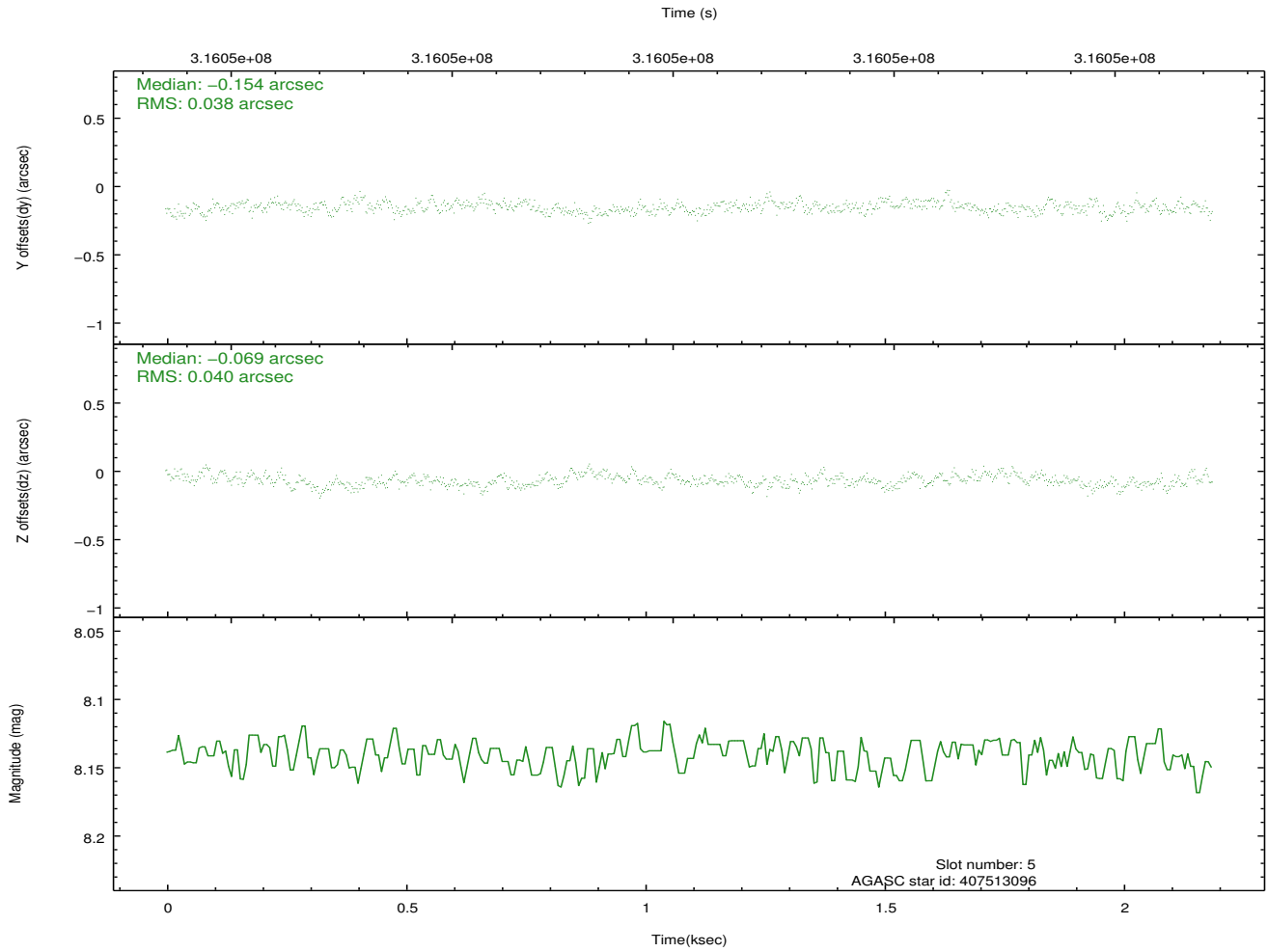
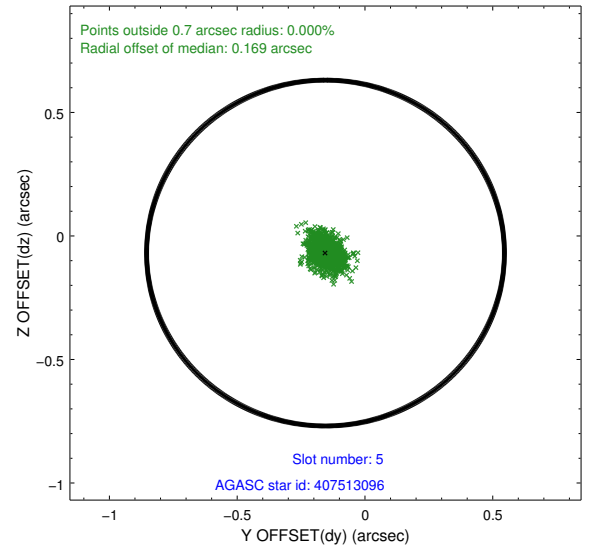
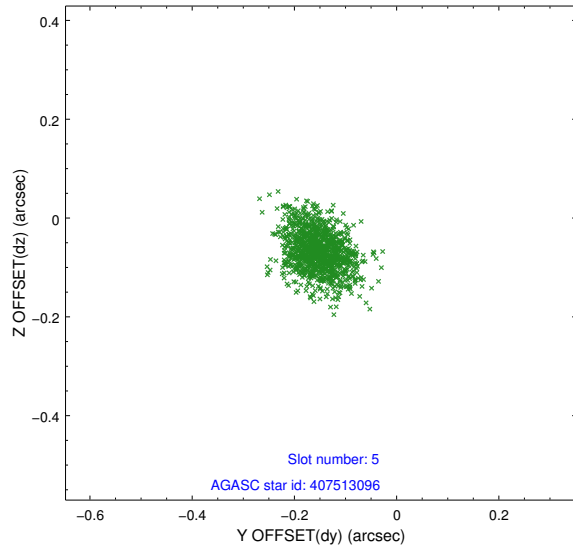
2.4.1 Slot 3



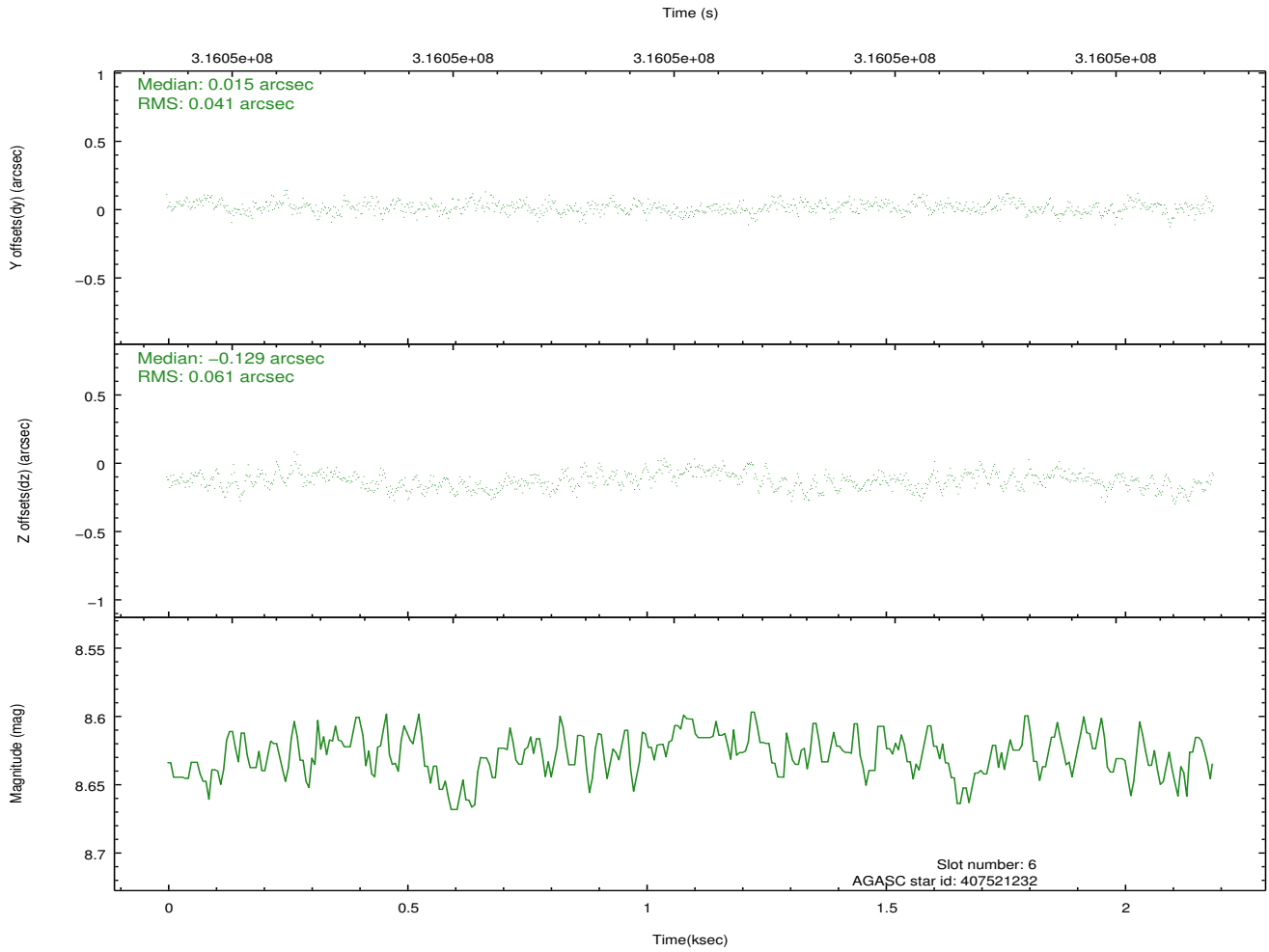
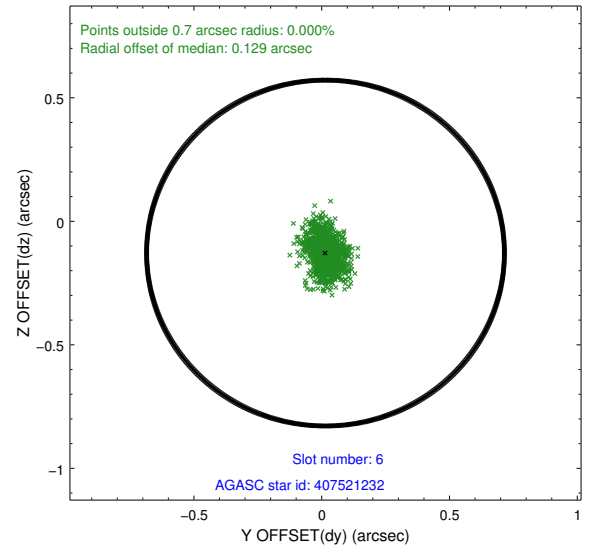
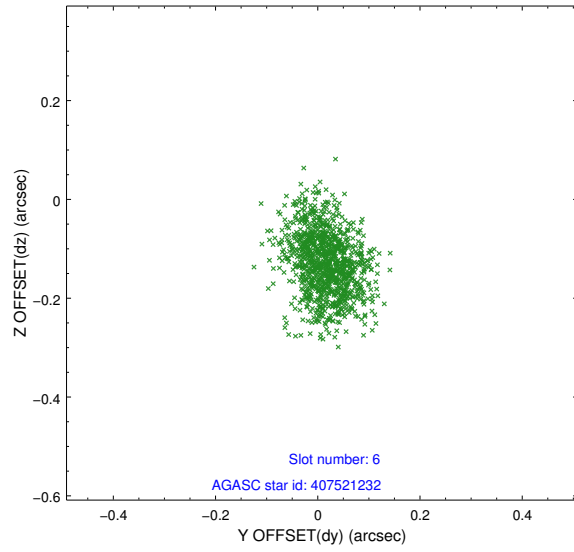
2.4.2 Slot 4



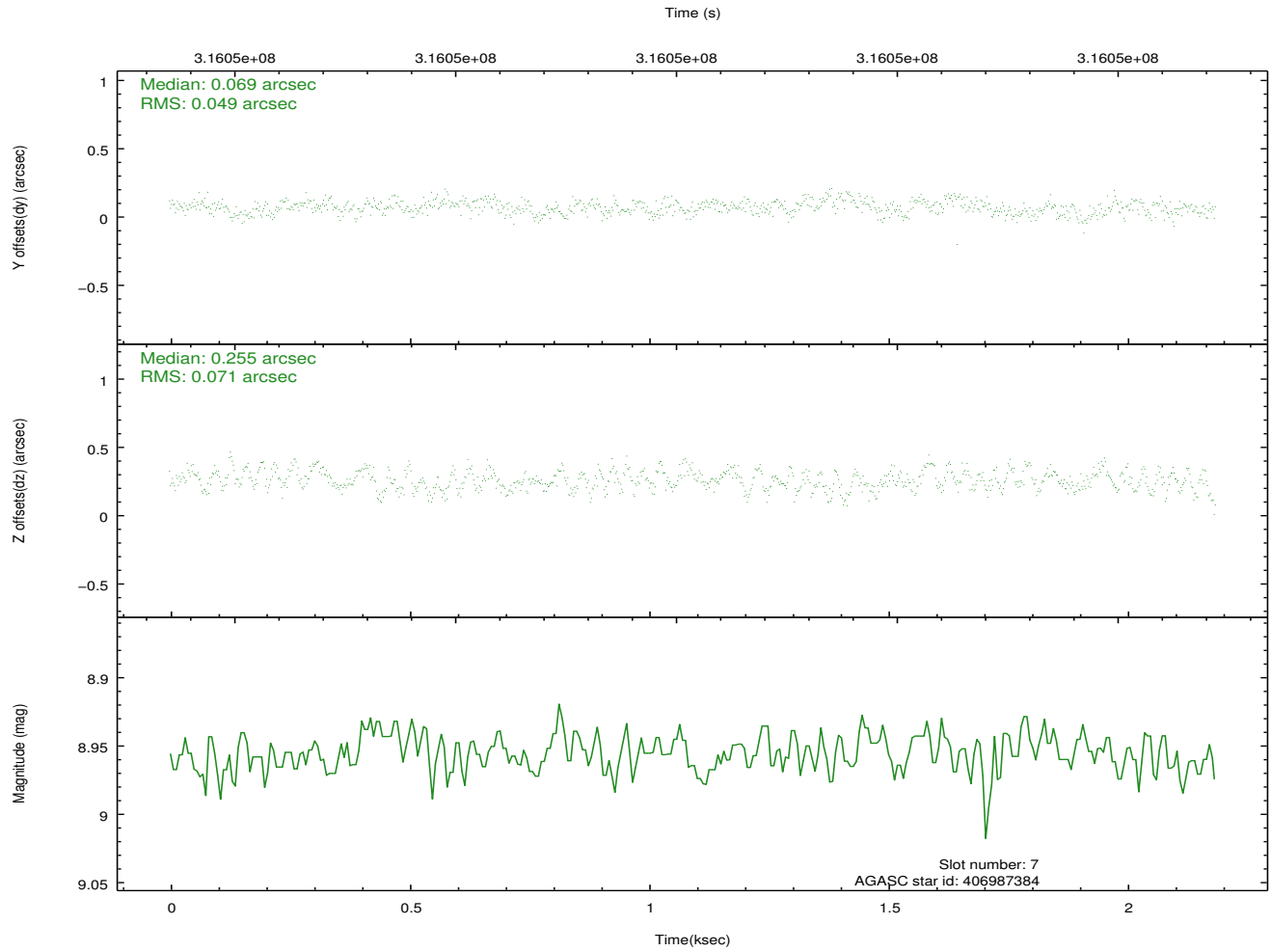
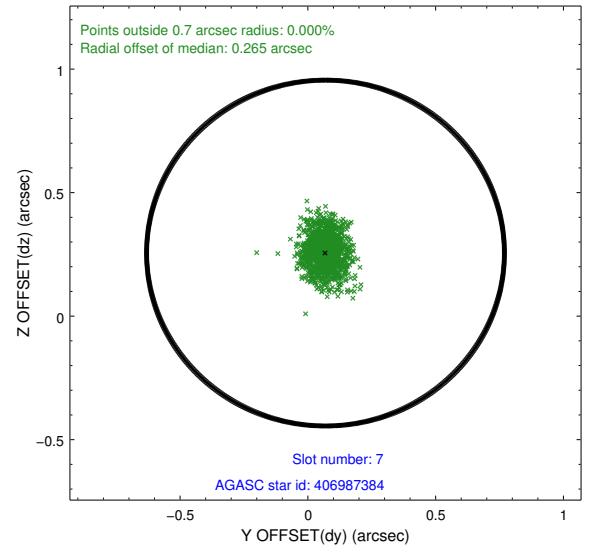
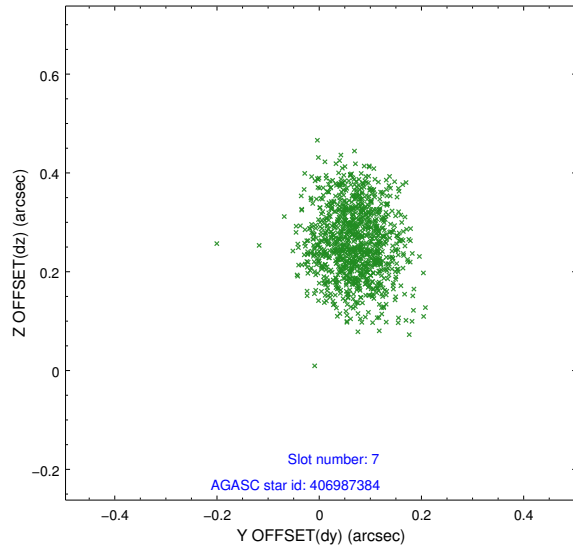
2.4.3 Slot 5



2.4.4 Slot 6

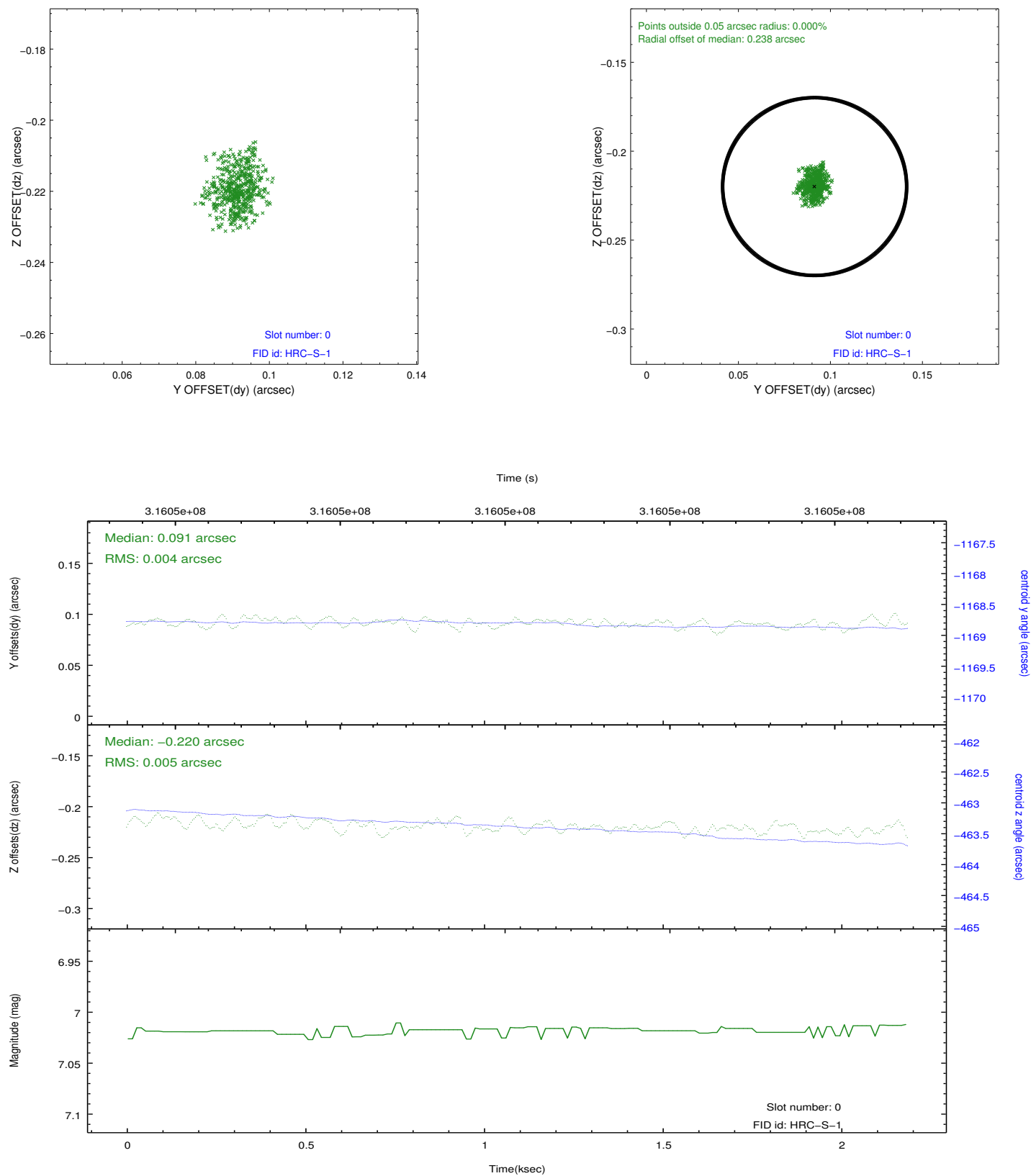


2.4.5 Slot 7

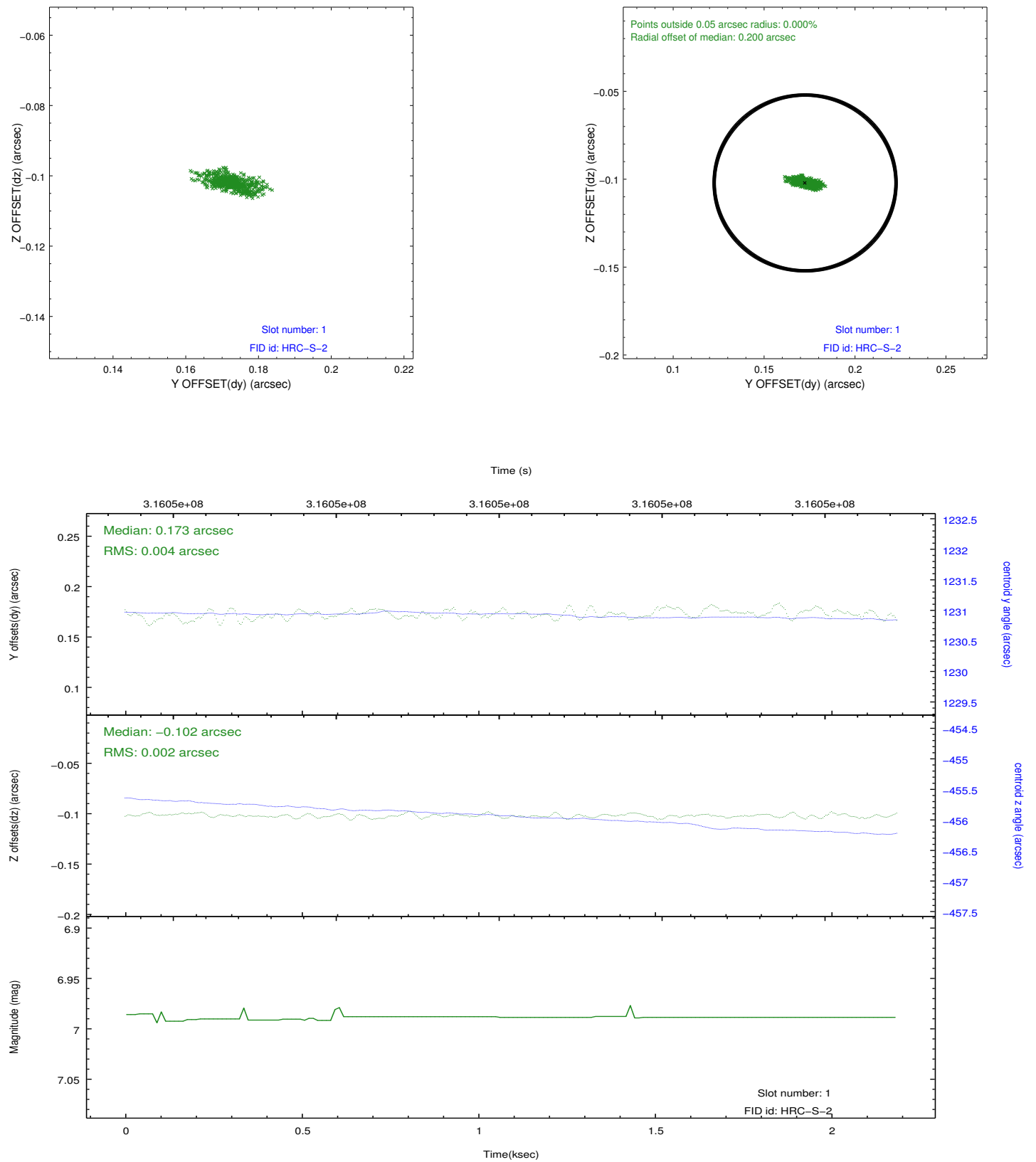


2.5 FID Slots

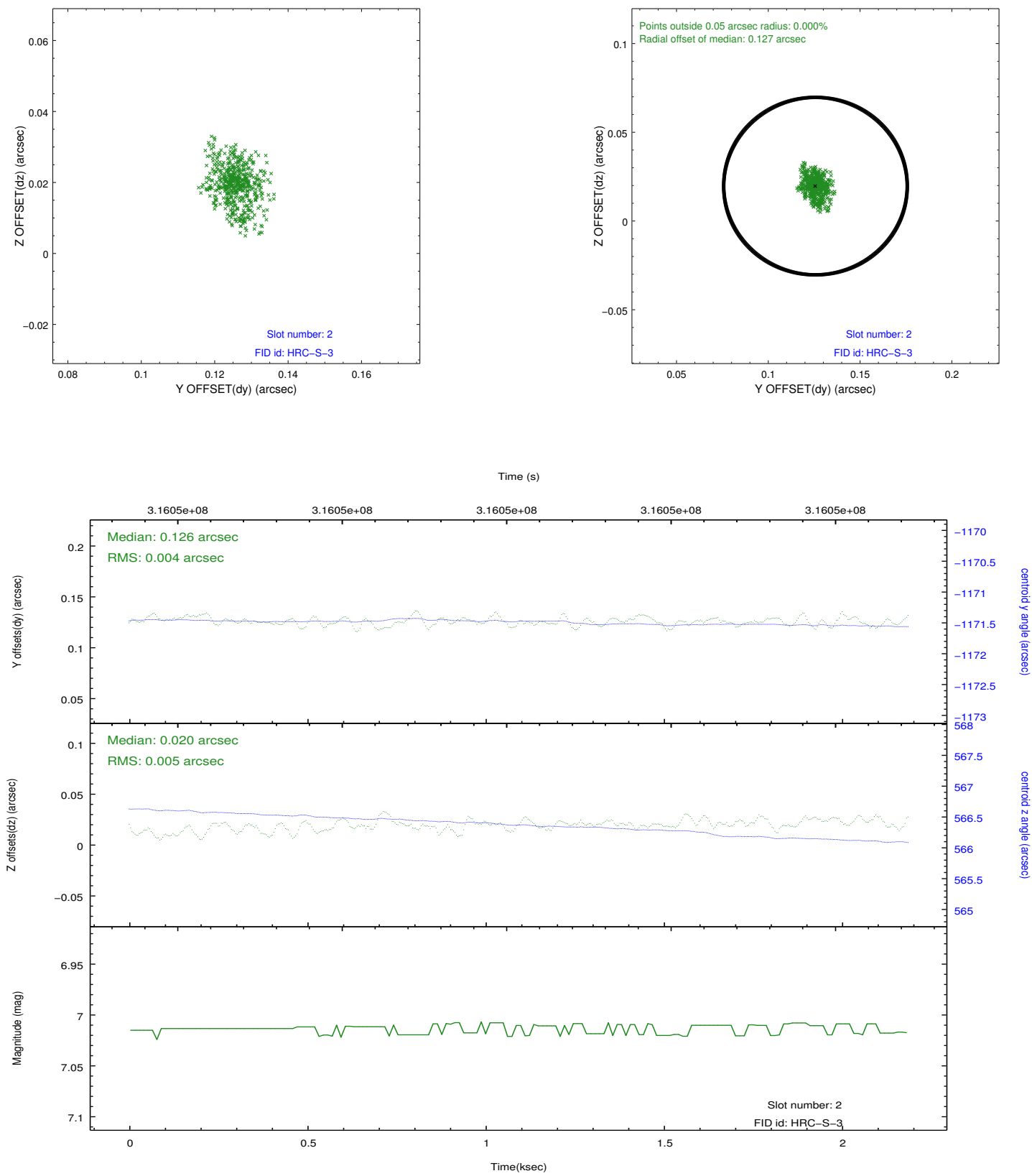
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15275635

A.2 Comments

Window preference met.