

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8285 - L2 Version 4
Chandra X-Ray Center

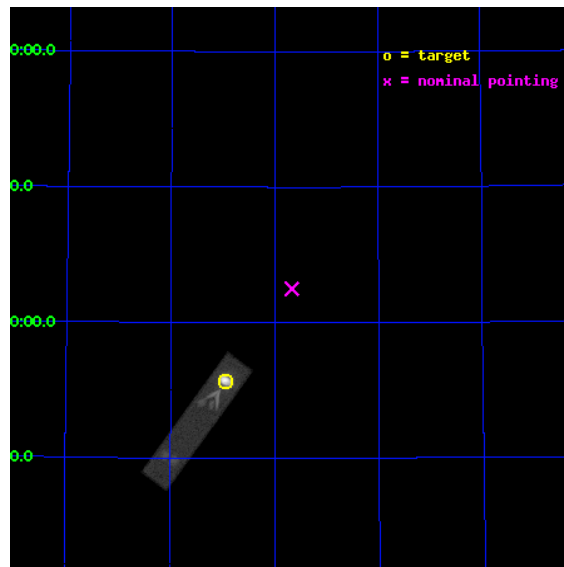
L2 Processing Date : Aug 11 2012

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1 Front

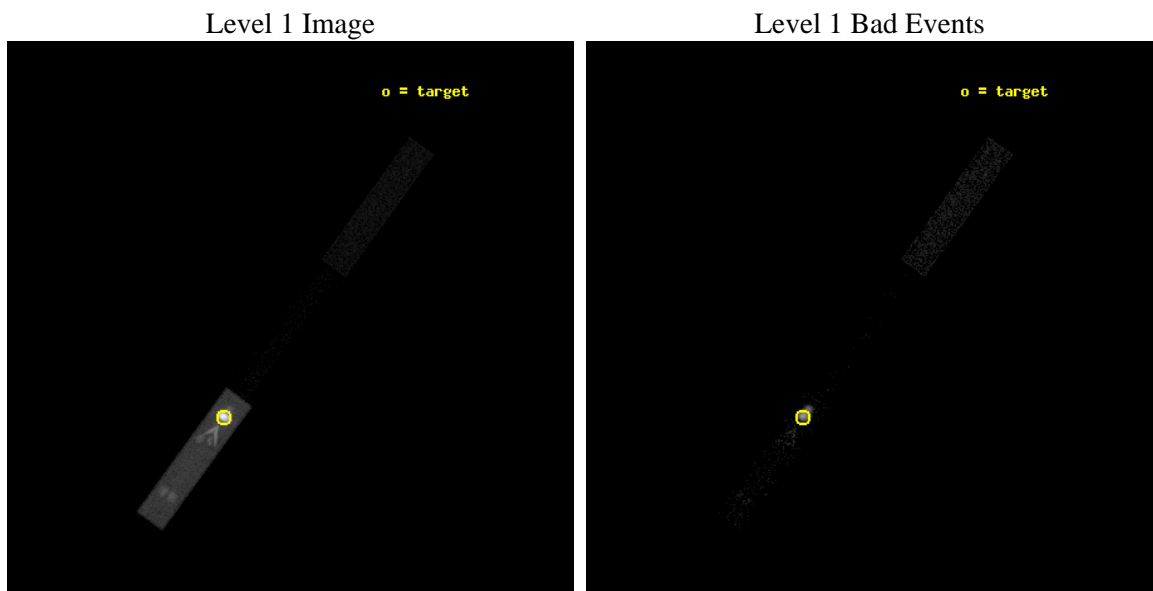
seq_num	290664	Sequence number
obs_id	8285	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	278.91733024675	Nominal RA [deg]
dec_nom	39.125191754738	Nominal Dec [deg]
roll_nom	126.07443110981	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2184.5313542485	[s]
livedtime	828.29348280966	Ontime multiplied by DTCOR
l2events	388092	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	2184.5313542485	[s]
caldbver	4.5.1.1	 	l1events	452838	Number of level 1 events
date	2012-08-11T21:23:51	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

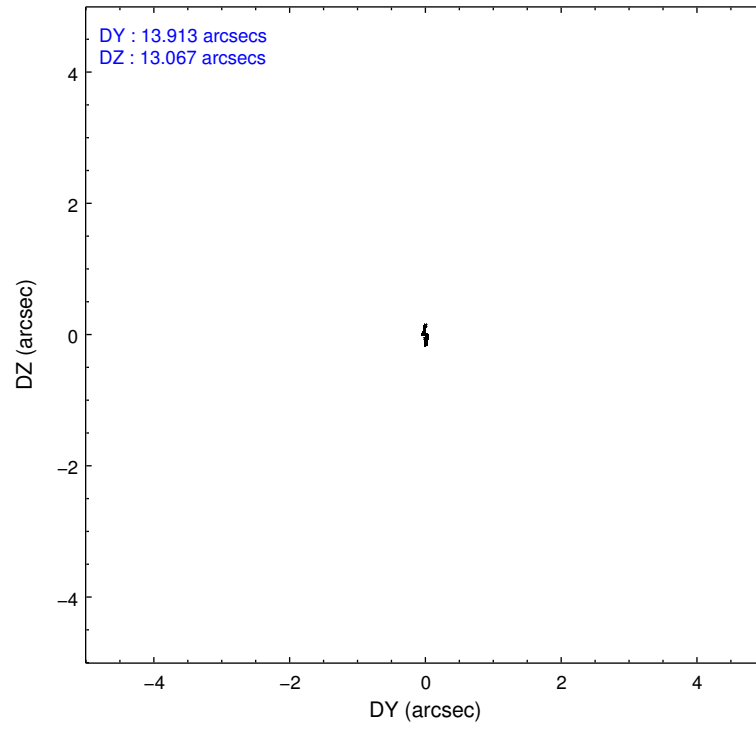
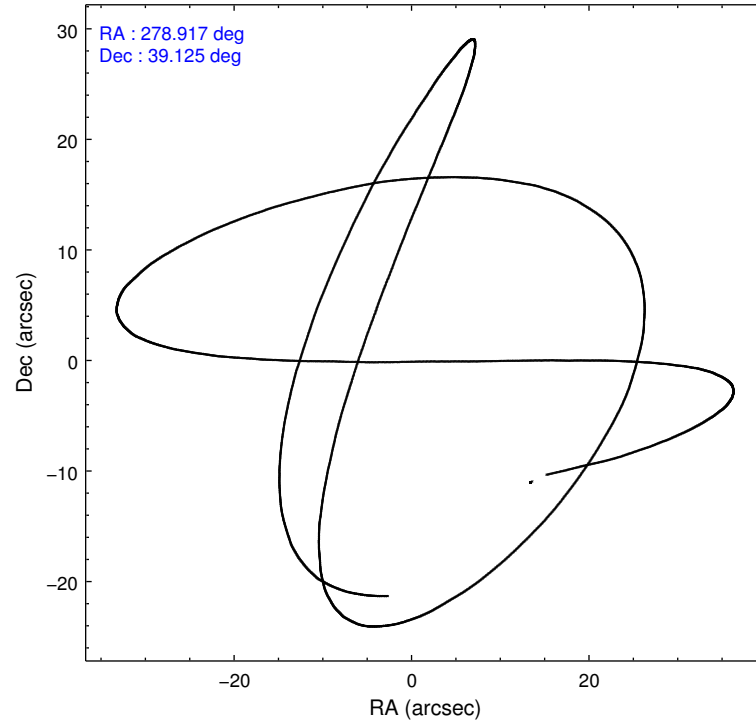
Level 1 Events

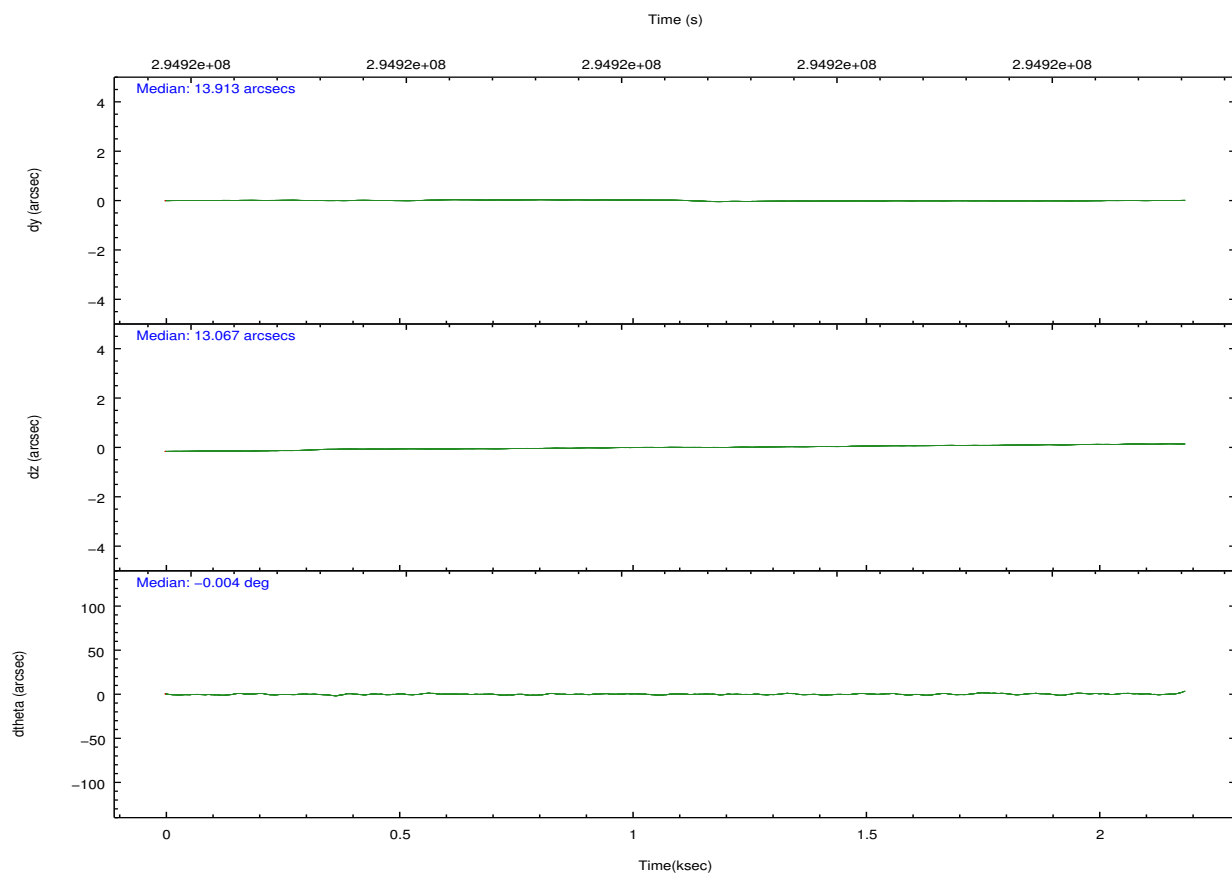
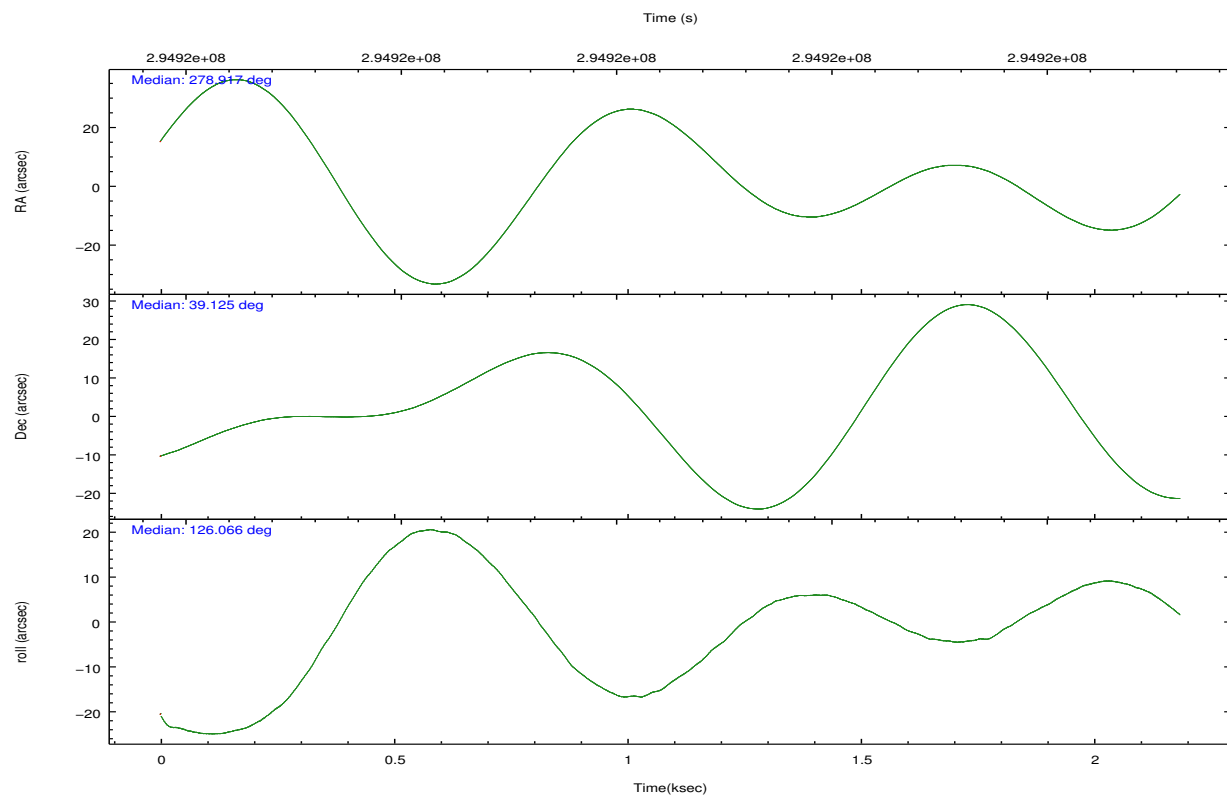
	segment 1	segment 2	segment 3
level 1 events	447203	348	5287
rejected events	44420	327	5256
rejected %	9%	93%	99%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S			
Grating	NONE	NONE			
Data mode	OBSERVING	OBSERVING	Obspar file type	PREDICTED	ACTUAL
Observation mode	POINTING	POINTING	Obspar update status	NONE	UPDATED
[deg] Pointing RA	278.951759	278.9173302467544			
[deg] Pointing Dec	39.114842	39.12519175473768			
[deg] Pointing Roll	125.985370	126.074431109814			
[s] Window start time (MET)	289094465.184000	289094465.184000			
[s] Window stop time (MET)	296956865.184000	296956865.184000			
[mm] SIM focus pos	-1.533336	-1.526339935833849			
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904			
[mm] SIM translation stage pos	250.455976	250.4635187648994			
[mm] SIM translation stage offset	0	-0.007540371344731511			
[s] Observation start time (MET)	294921718.184000	294921342.162			
Observation start date	2007-05-07T10:40:53	2007-05-07T10:35:42			
[s] Observation end time (MET)	294923718.184000	294923852.38712			
Observation end date	2007-05-07T11:14:13	2007-05-07T11:17:32			

2.3 Aspect



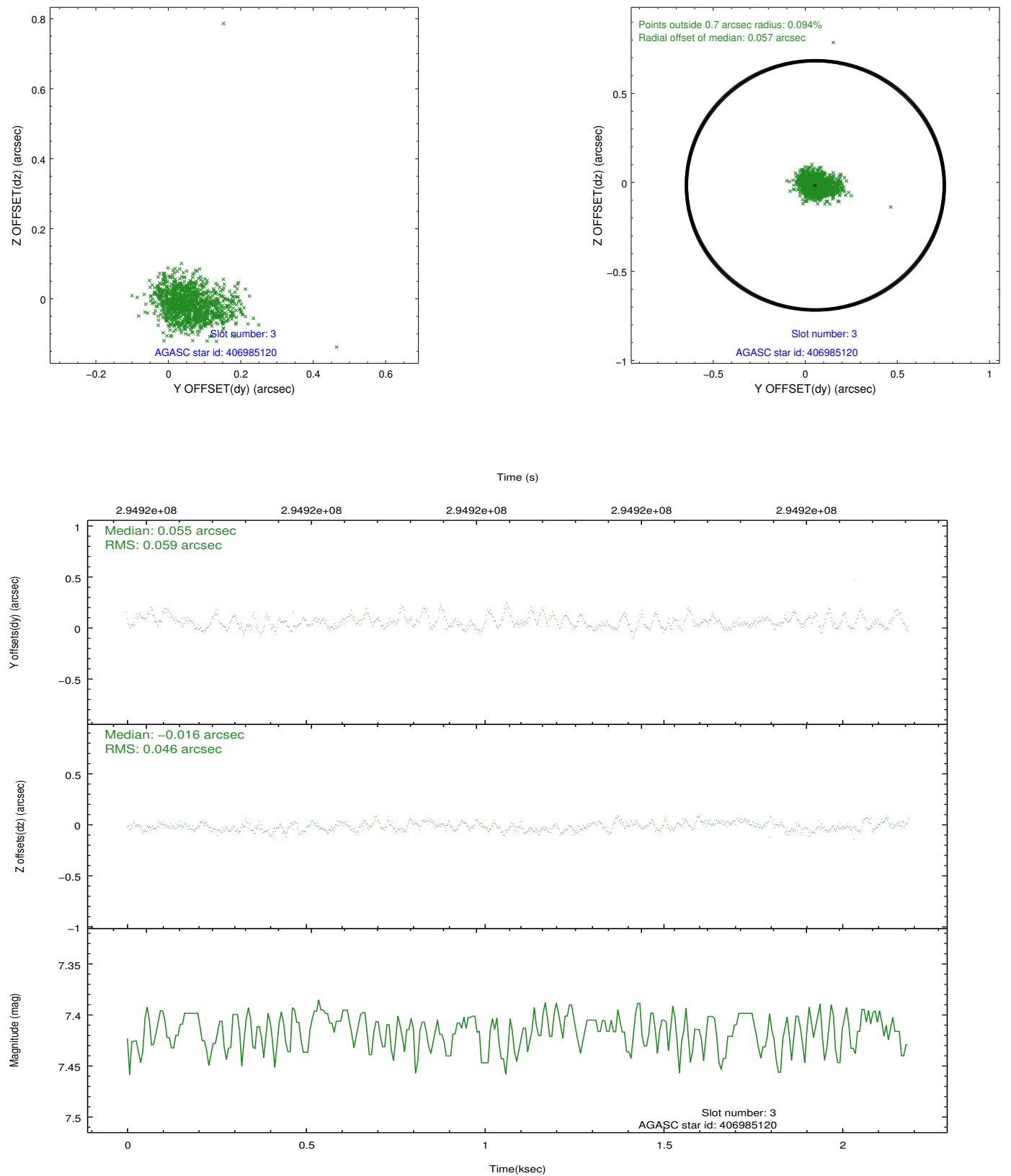


Slot Statistics

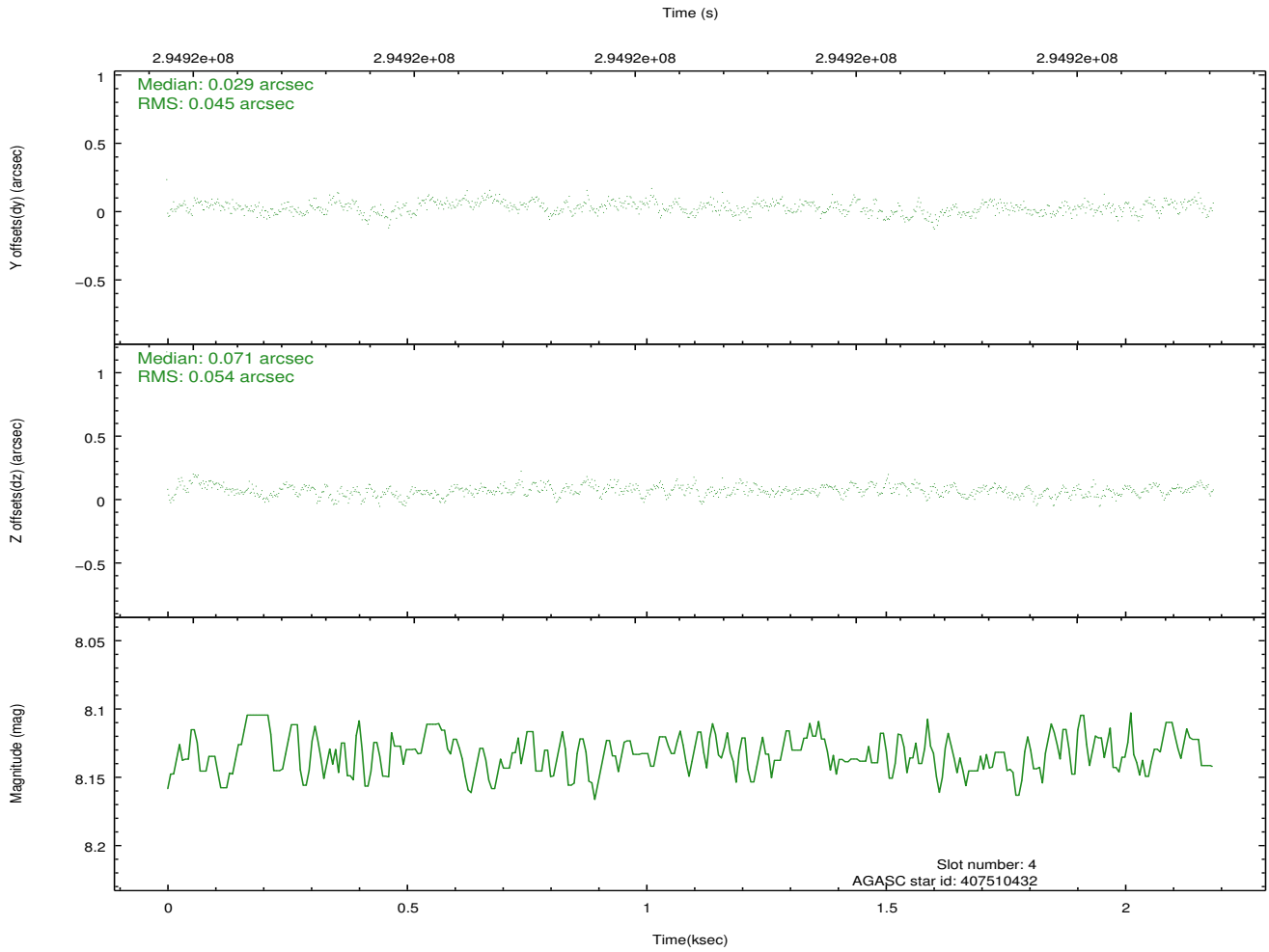
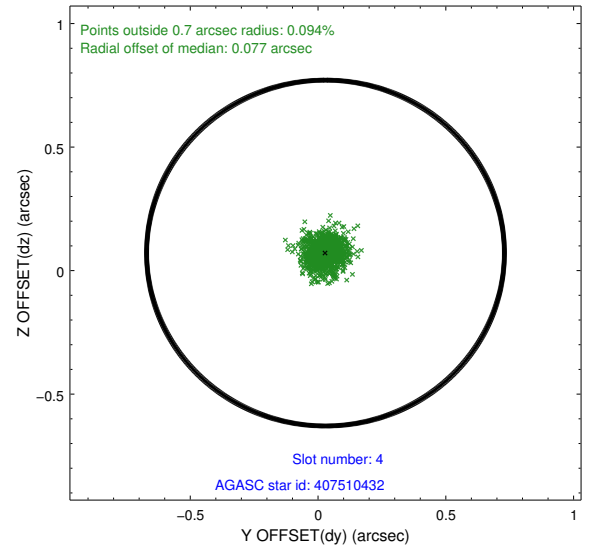
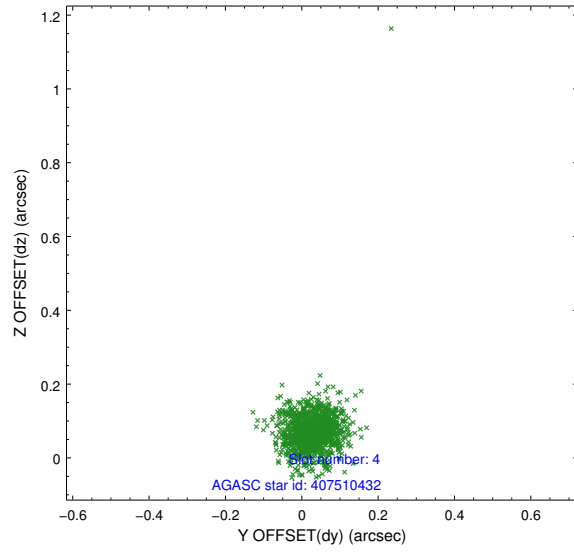
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	534	0.096	-0.148	0.008	0.013	0.000000	0.000000	-1168.26	-461.81
1	FID	HRC-S-2	6.96	534	0.170	-0.103	0.005	0.011	0.000000	0.000000	1229.29	-455.23
2	FID	HRC-S-3	6.98	534	0.124	-0.052	0.008	0.013	0.000000	0.000000	-1168.66	566.95
3	GUIDE	406985120	7.42	1067	0.055	-0.016	0.073	0.123	278.839732	38.894839	-456.01	719.83
4	GUIDE	407510432	8.13	1067	0.029	0.071	0.065	0.106	278.762778	39.530640	1519.98	-453.60
5	GUIDE	407521232	8.64	1067	-0.057	0.132	0.092	0.145	279.628883	39.431715	-175.51	-2197.55
6	GUIDE	406987272	6.96	1067	-0.008	-0.394	0.070	0.108	278.536588	38.437504	-1282.87	2376.52
7	GUIDE	406983600	8.92	1066	-0.025	0.204	0.083	0.131	279.940957	39.020708	-1889.21	-2045.81

2.4 Star Slots

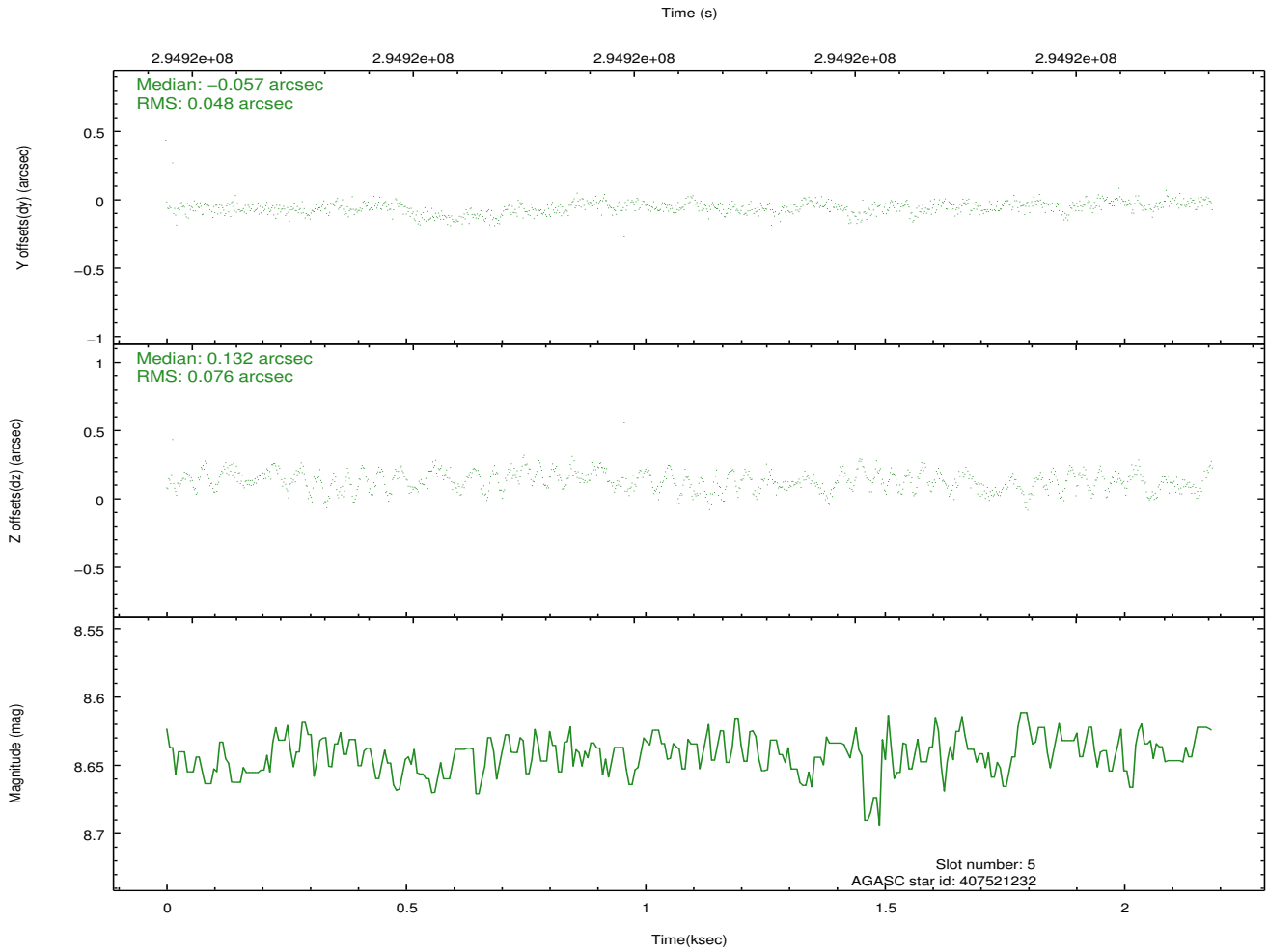
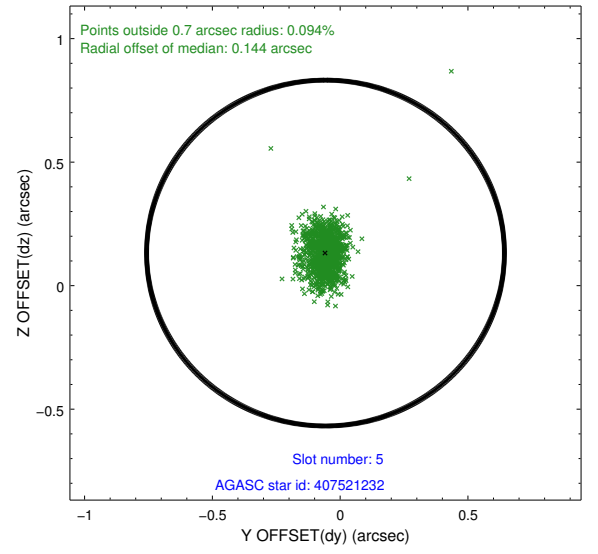
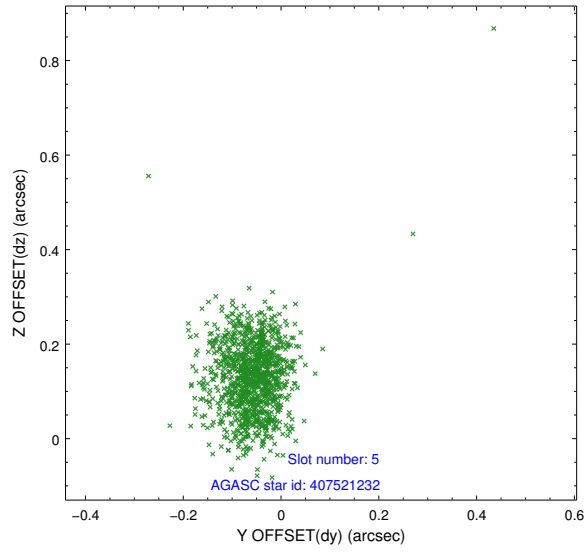
2.4.1 Slot 3



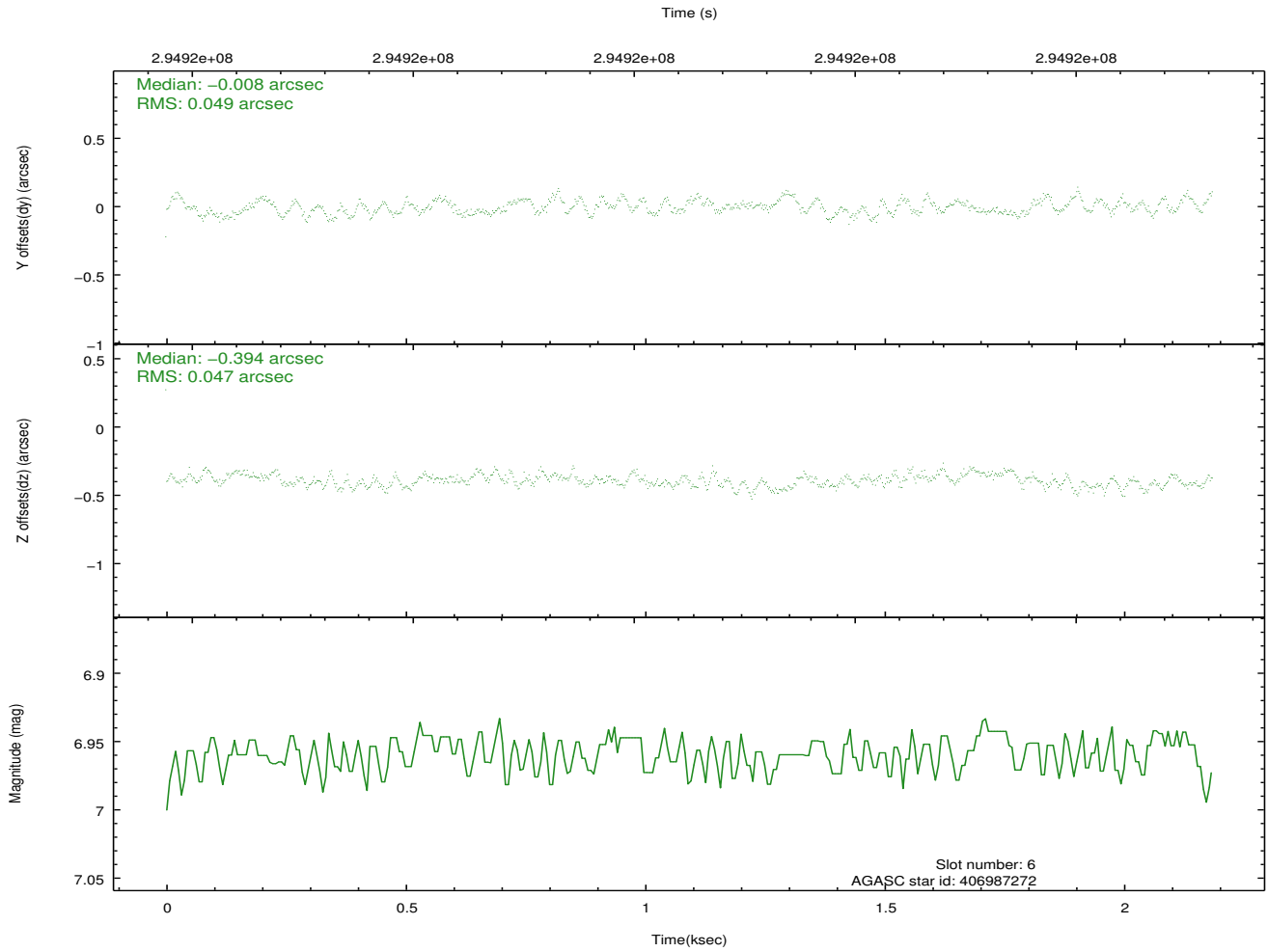
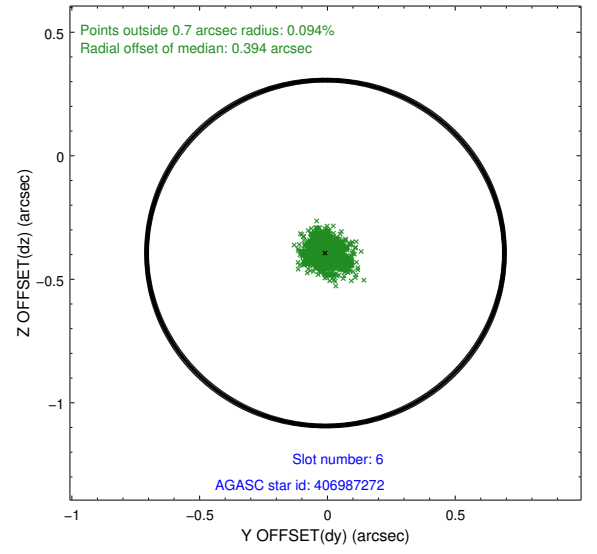
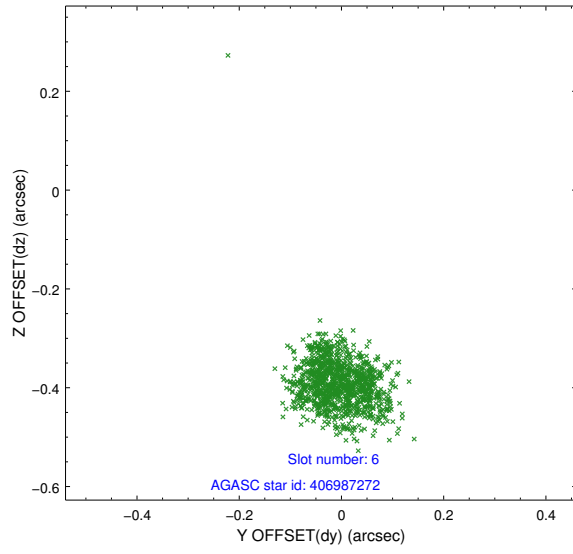
2.4.2 Slot 4



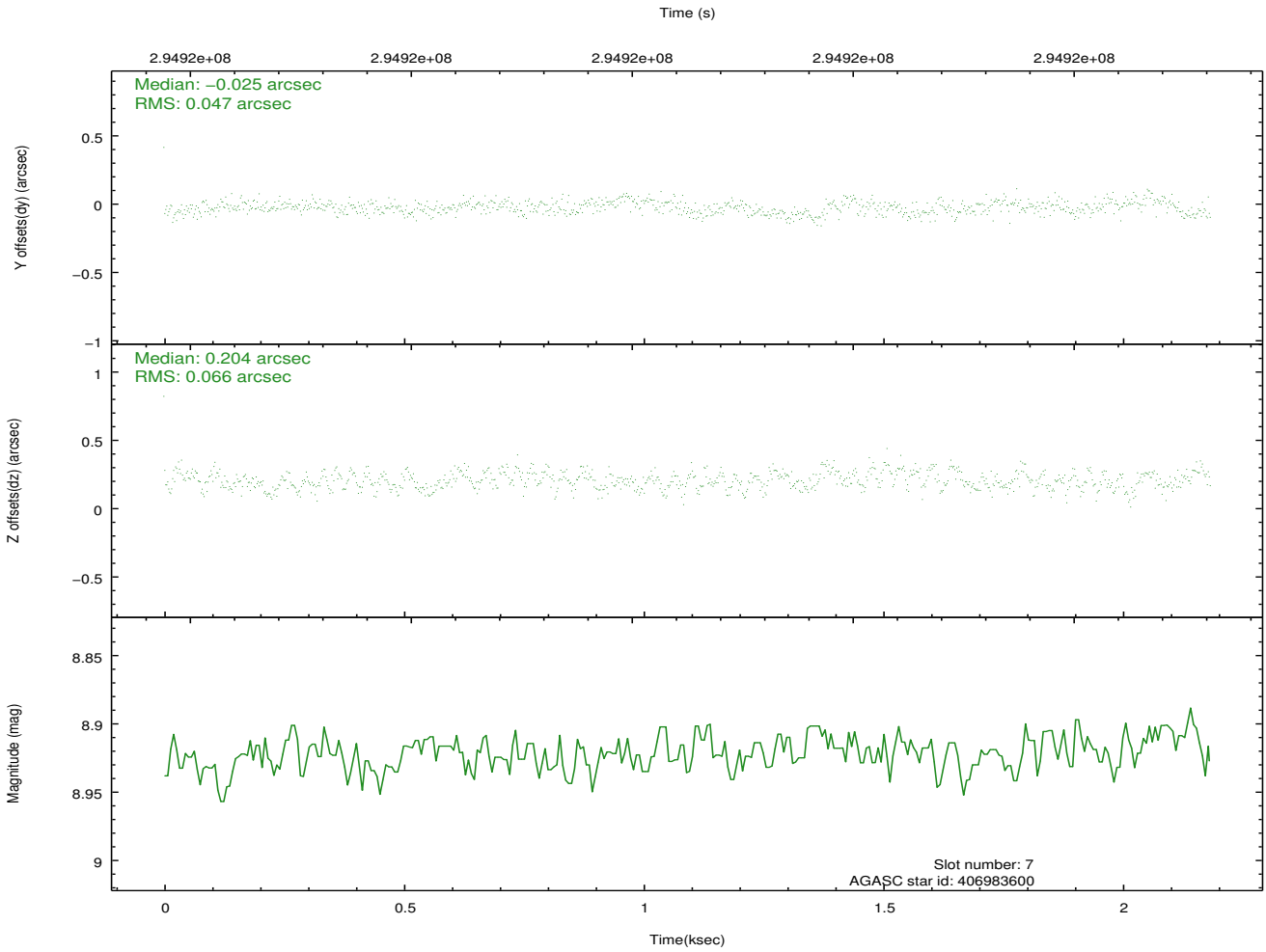
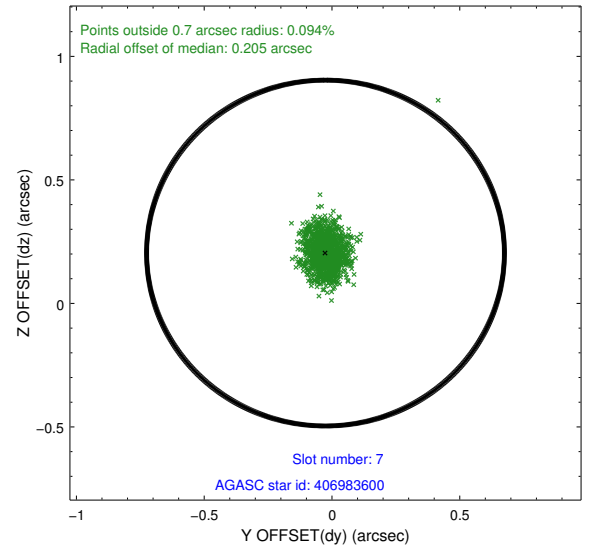
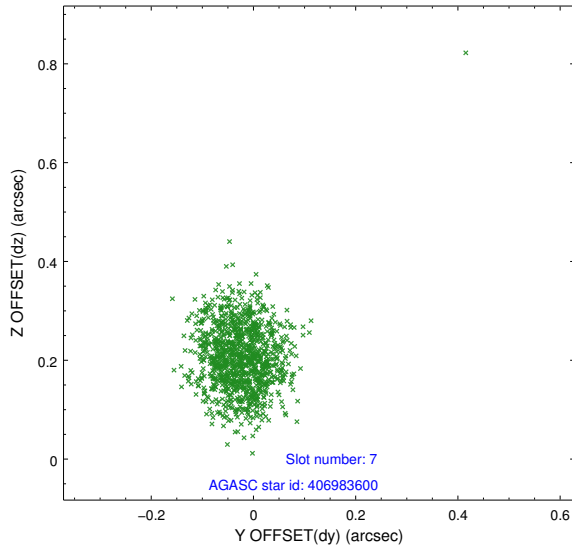
2.4.3 Slot 5



2.4.4 Slot 6

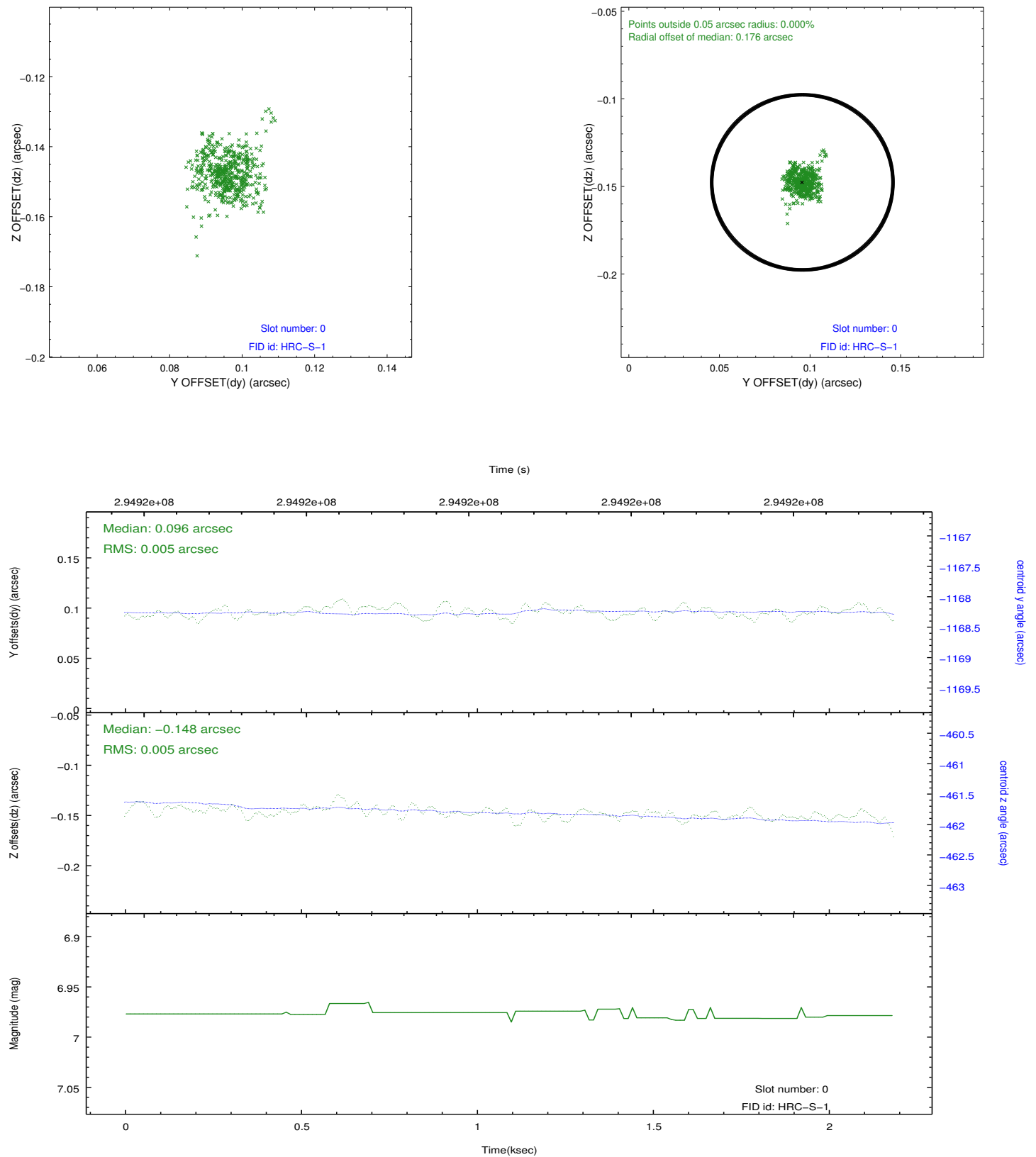


2.4.5 Slot 7

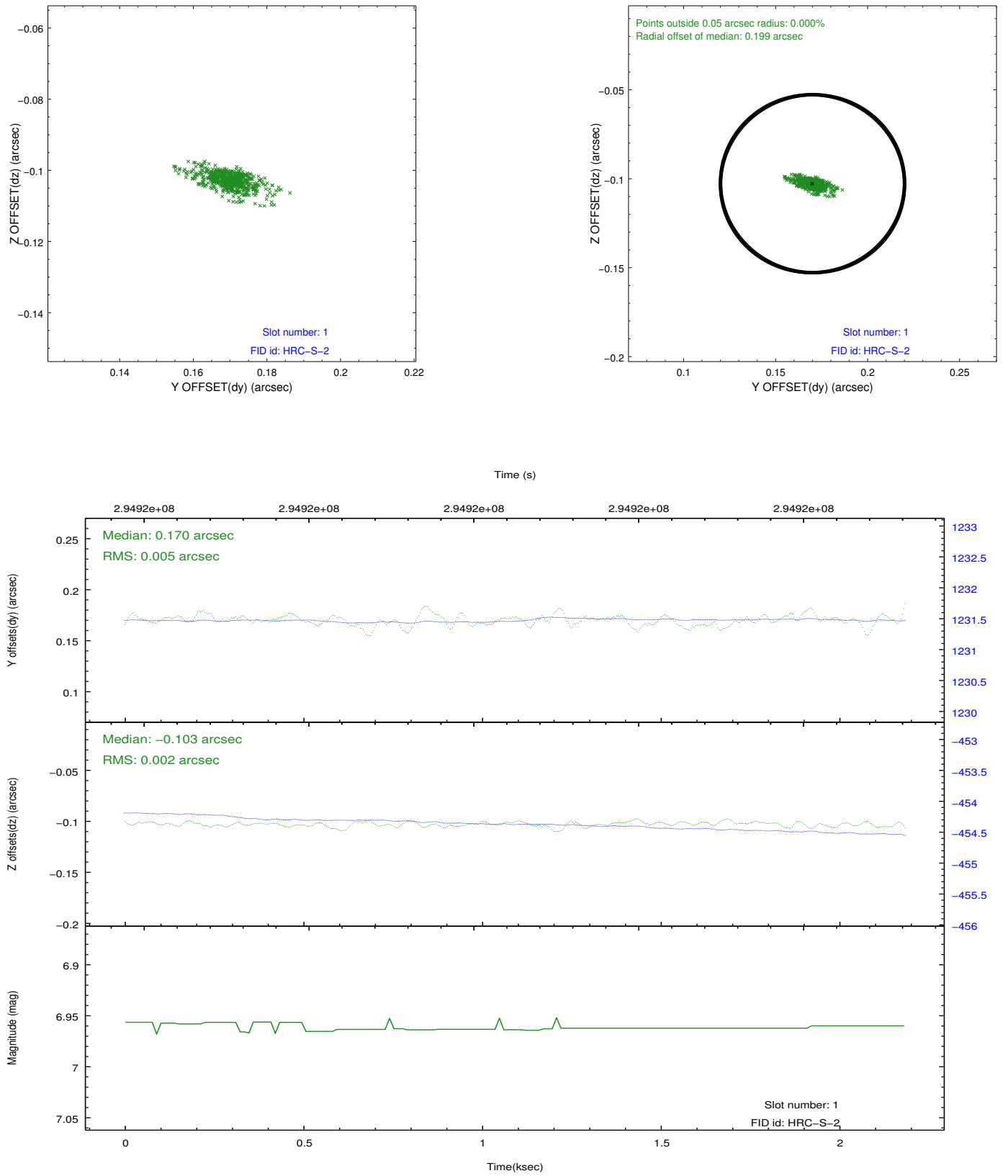


2.5 FID Slots

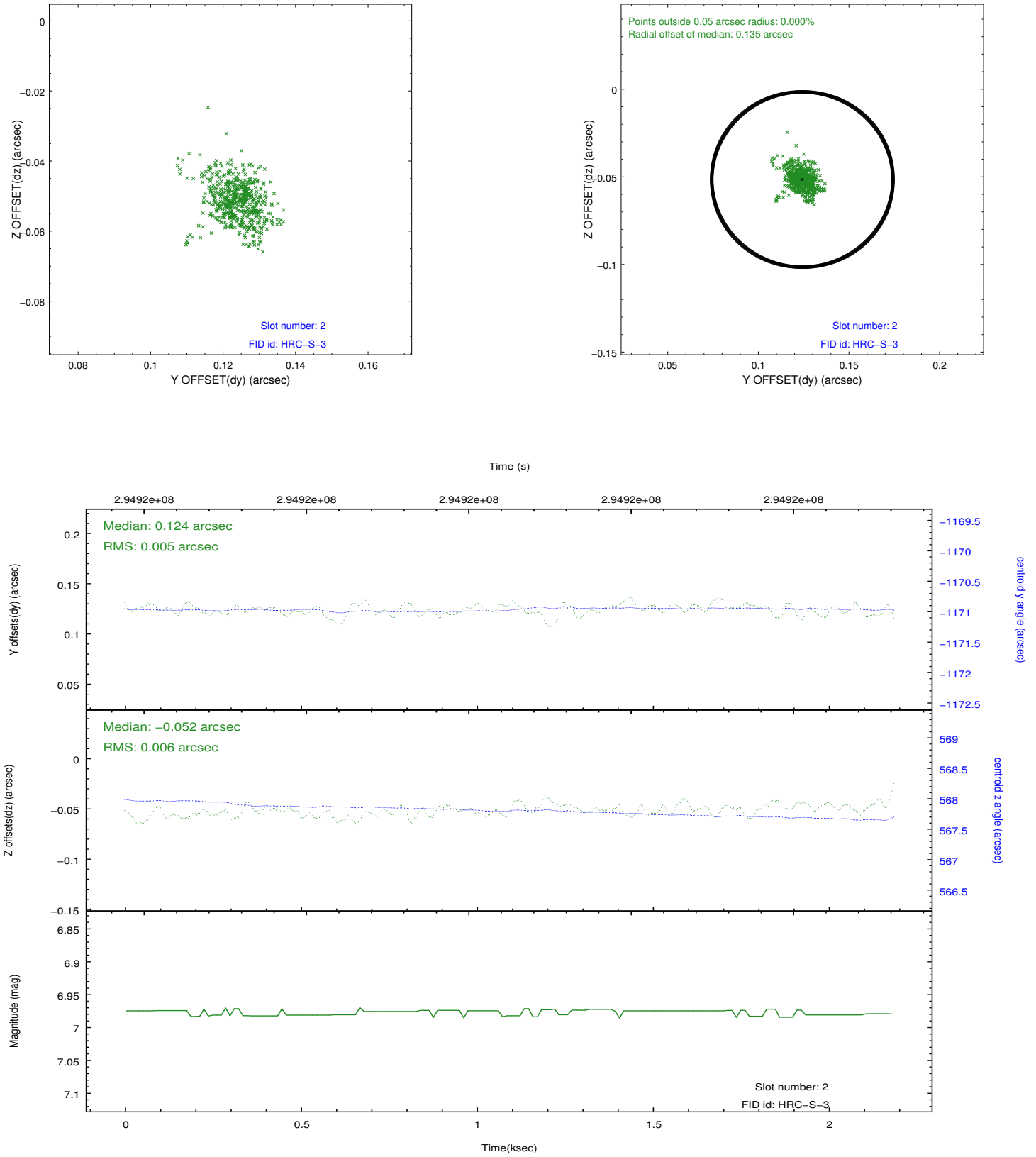
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18453135

A.2 Comments

Window preference met.