

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8277 - L2 Version 4
Chandra X-Ray Center

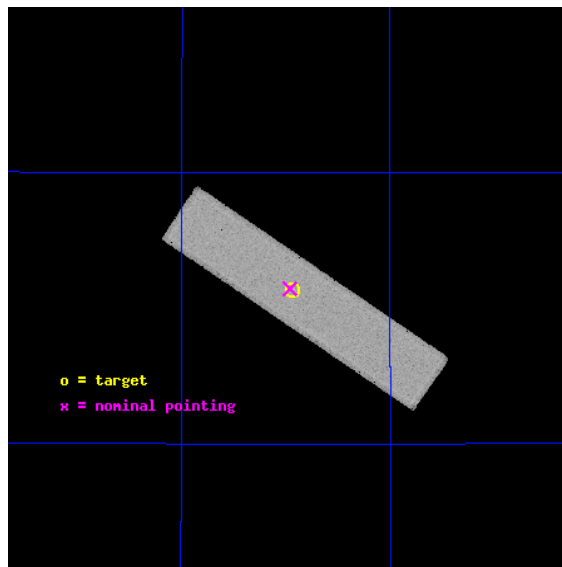
L2 Processing Date : Aug 11 2012

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1 Front

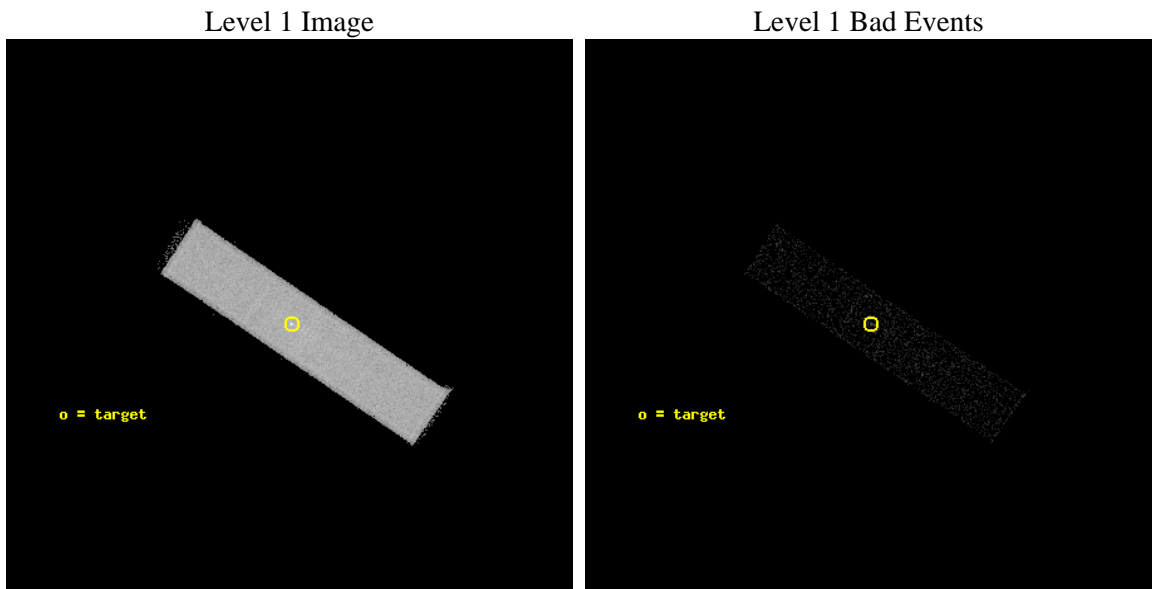
seq_num	290656	Sequence number
obs_id	8277	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23999129641	Nominal RA [deg]
dec_nom	38.786517258513	Nominal Dec [deg]
roll_nom	33.905209082893	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2152.756352067	[s]
livetime	2135.811144473	Ontime multiplied by DTCOR
l2events	115491	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	2152.756352067	[s]
caldsver	4.5.1.1	 	l1events	152208	Number of level 1 events
date	2012-08-11T19:01:30	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

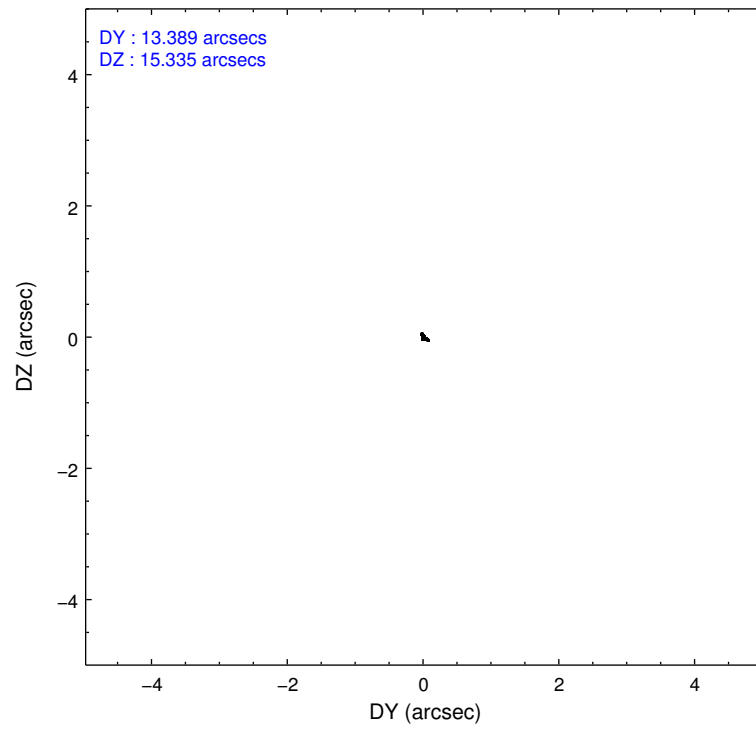
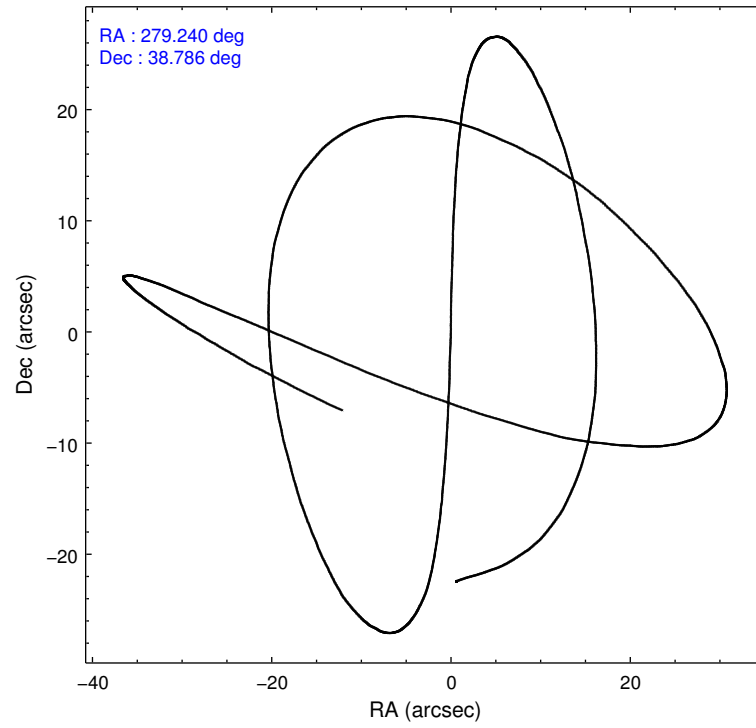
Level 1 Events

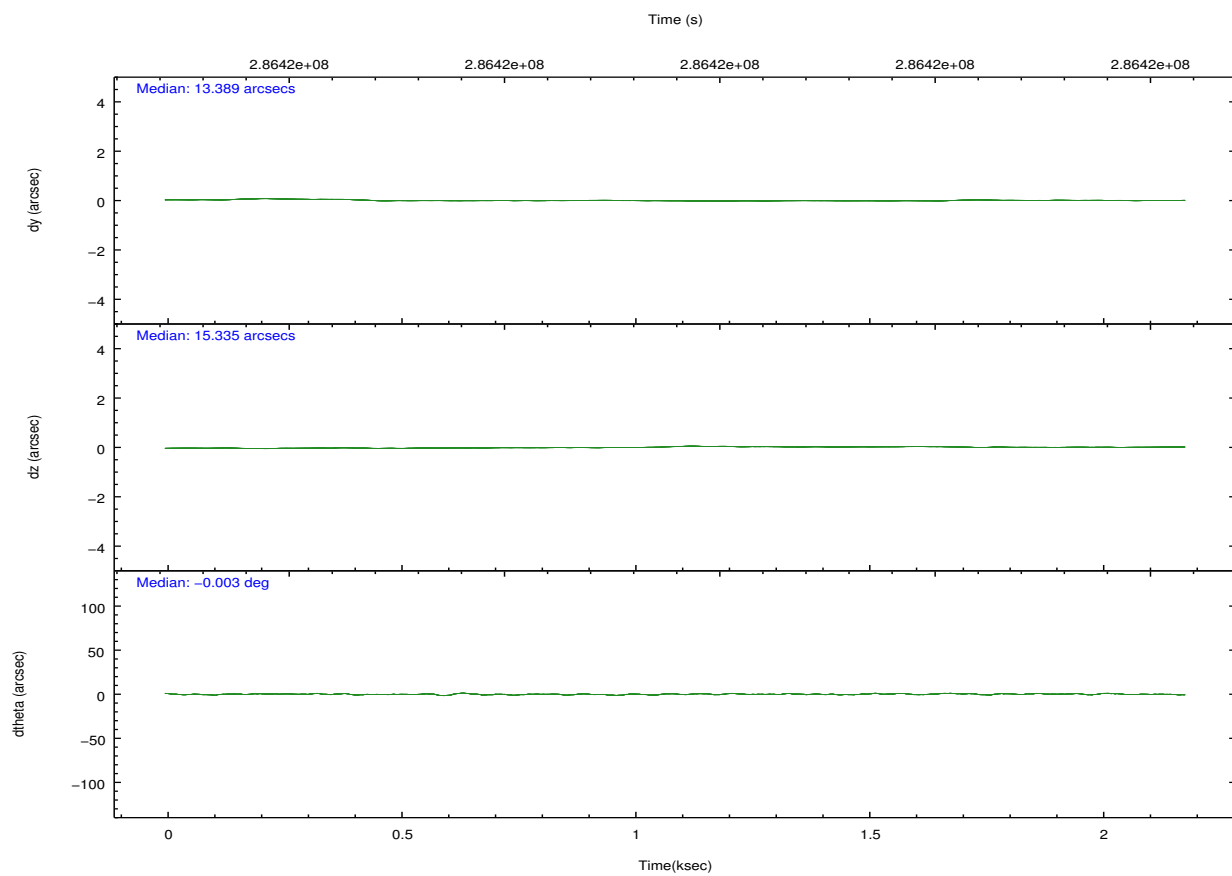
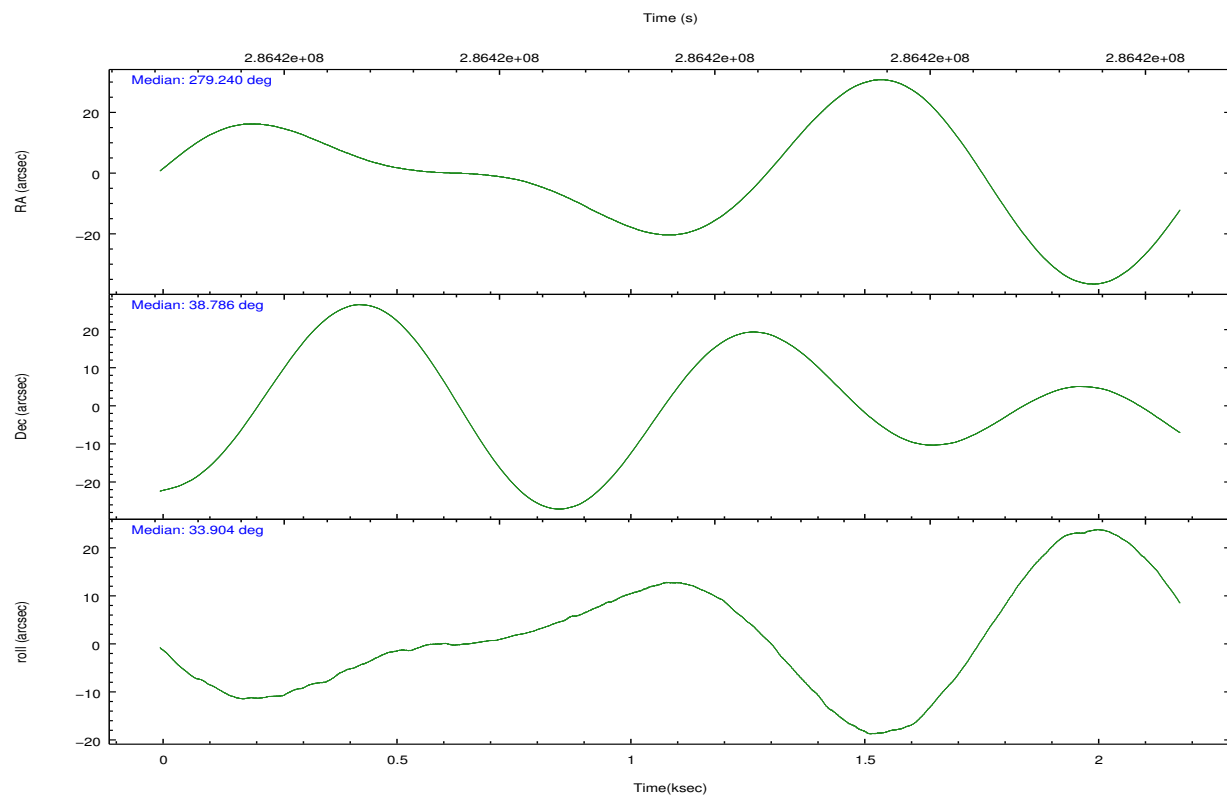
	segment 1	segment 2	segment 3
level 1 events	0	152208	0
rejected events	0	11281	0
rejected %	0%	7%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.225595	279.2399912964056			
[deg] Pointing Dec	38.759997	38.78651725851321			
[deg] Pointing Roll	33.846900	33.9052090828933			
[s] Window start time (MET)	281318465.184000	281318465.184000			
[s] Window stop time (MET)	289008065.184000	289008065.184000			
[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)	286419983.184000	286419607.3824			
Observation start date	2007-01-29T01:05:18	2007-01-29T01:00:07			
[s] Observation end time (MET)	286421983.184000	286422117.09502			
Observation end date	2007-01-29T01:38:38	2007-01-29T01:41:57			

2.3 Aspect



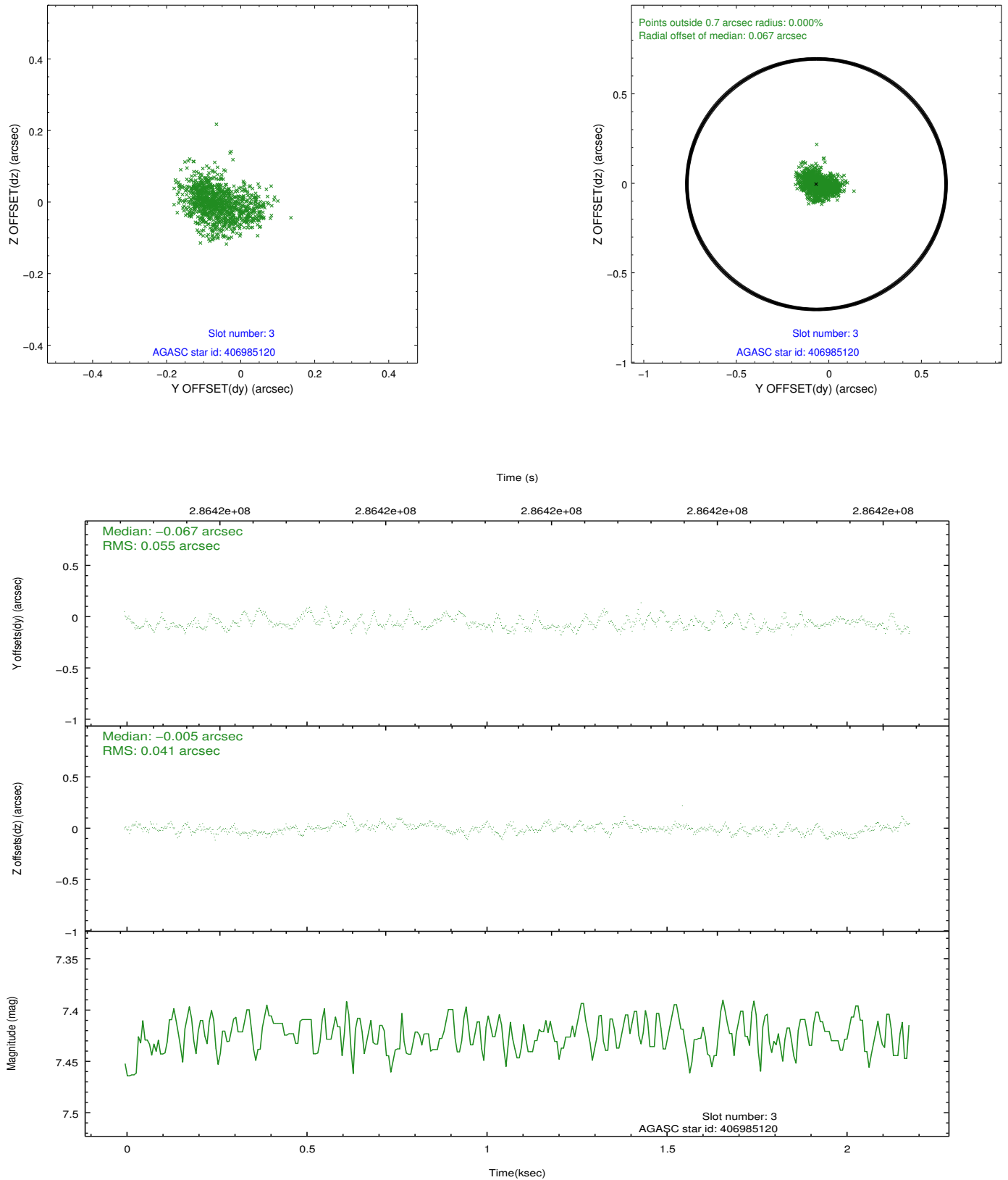


Slot Statistics

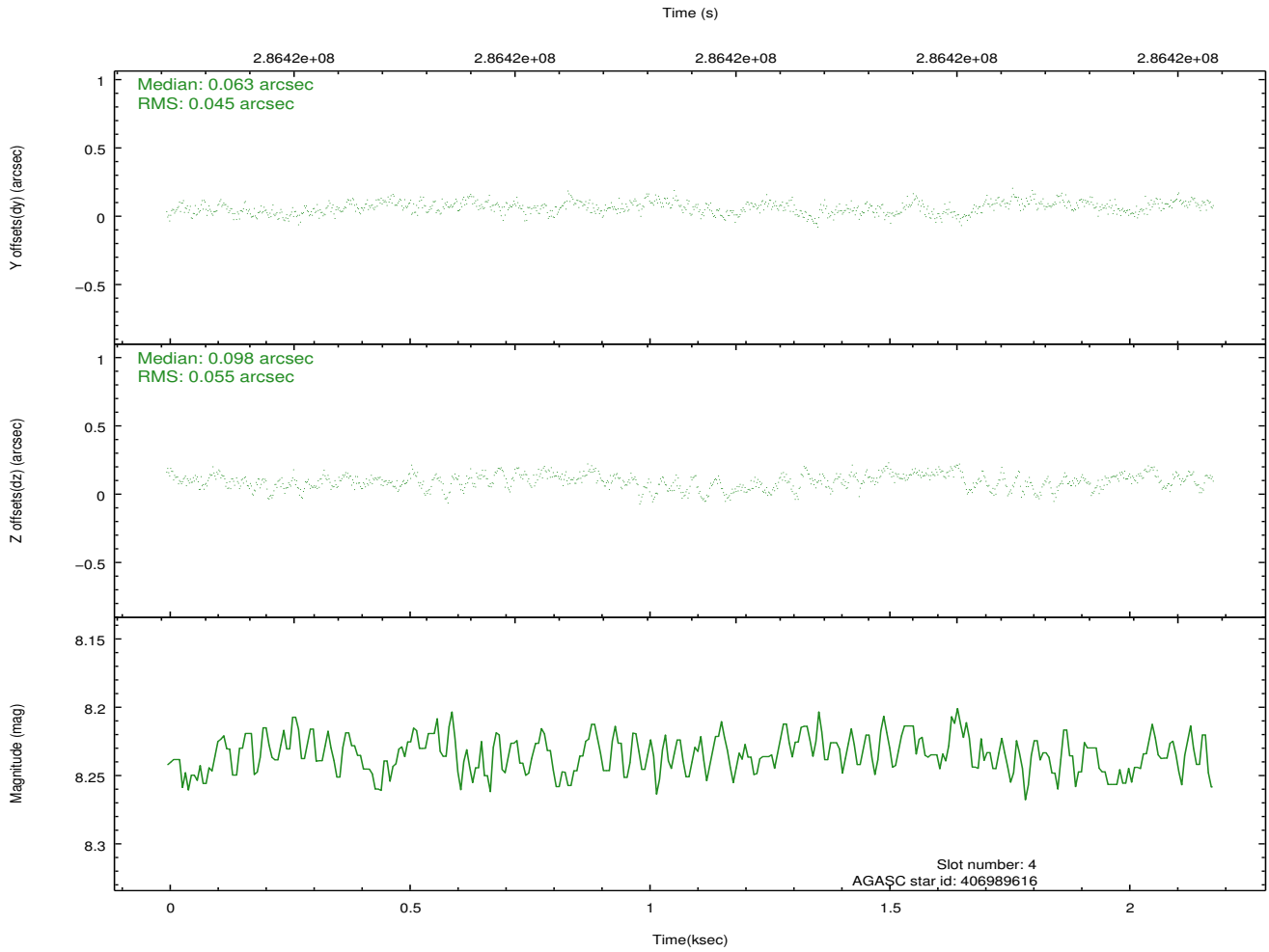
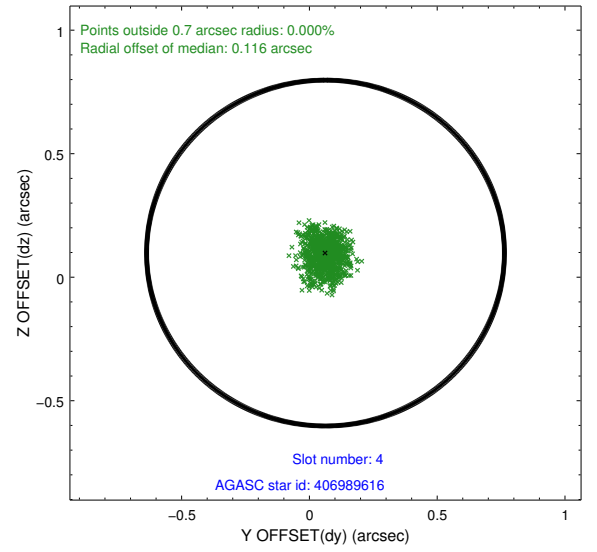
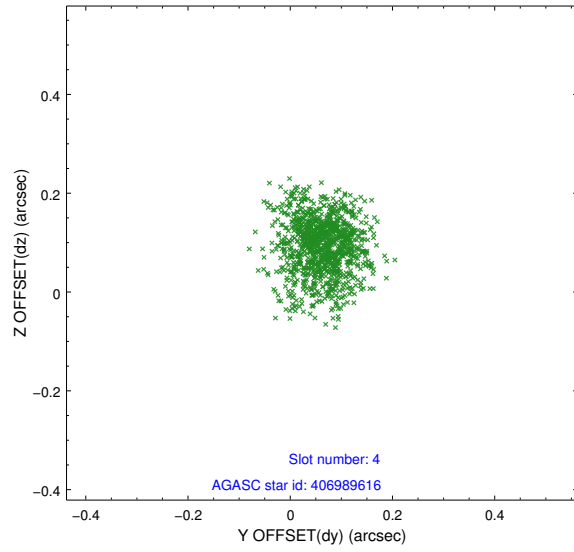
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	532	0.096	-0.195	0.007	0.012	0.000000	0.000000	-1167.73	-464.21
1	FID	HRC-S-2	6.98	532	0.186	-0.110	0.005	0.009	0.000000	0.000000	1229.82	-457.66
2	FID	HRC-S-3	6.99	532	0.107	0.003	0.007	0.011	0.000000	0.000000	-1168.12	564.65
3	GUIDE	406985120	7.42	1065	-0.067	-0.005	0.073	0.120	278.839732	38.894839	-626.20	1006.75
4	GUIDE	406989616	8.23	1063	0.063	0.098	0.076	0.125	279.202881	38.520843	-533.03	-678.88
5	GUIDE	406993992	7.62	1065	-0.024	0.066	0.060	0.099	279.053714	38.034587	-1859.26	-1898.47
6	GUIDE	407521232	8.65	1064	0.006	-0.050	0.066	0.110	279.628883	39.431715	2278.02	1383.63
7	GUIDE	406987272	6.93	1064	0.014	-0.110	0.065	0.097	278.536588	38.437504	-2253.85	125.08

2.4 Star Slots

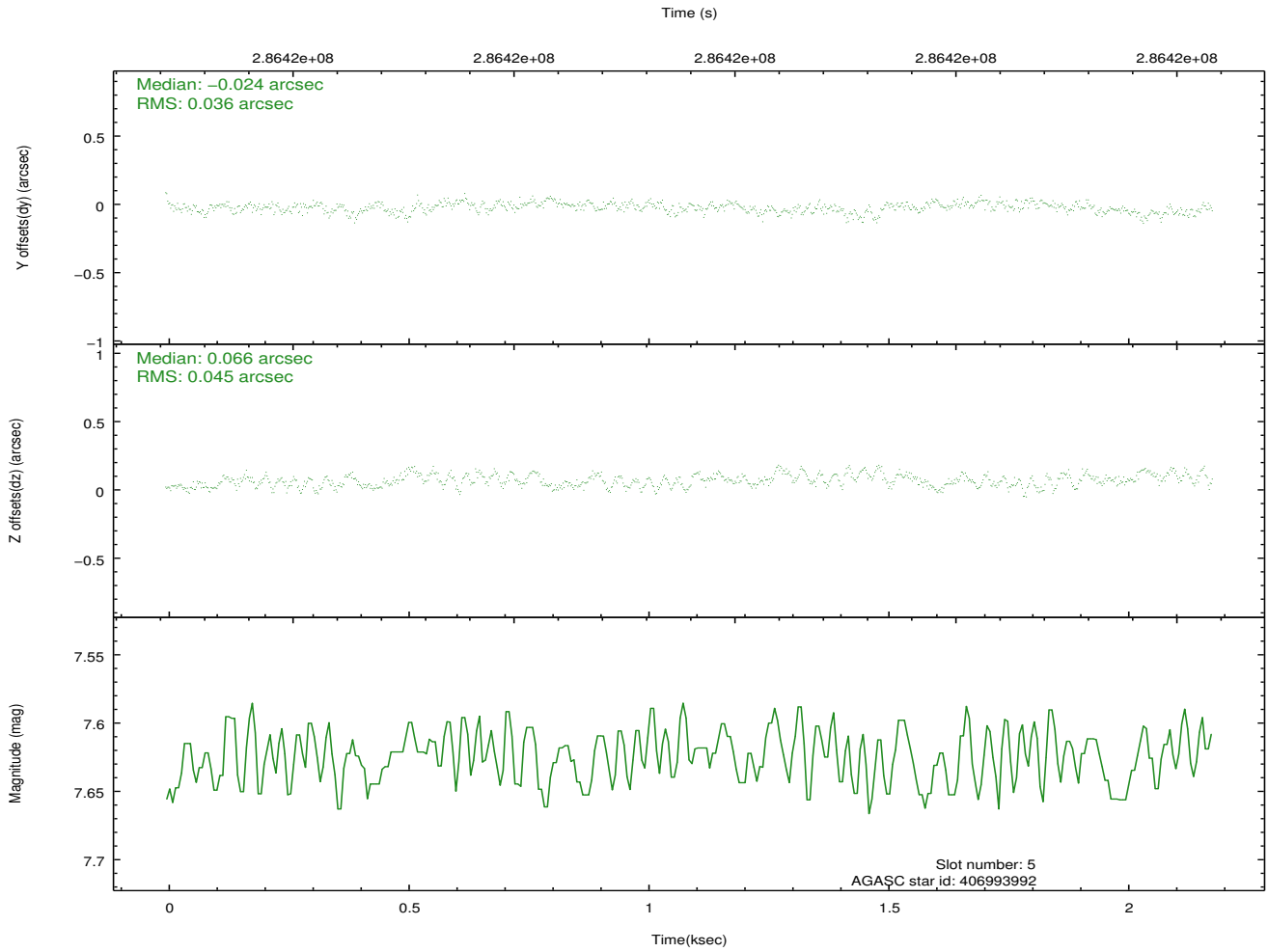
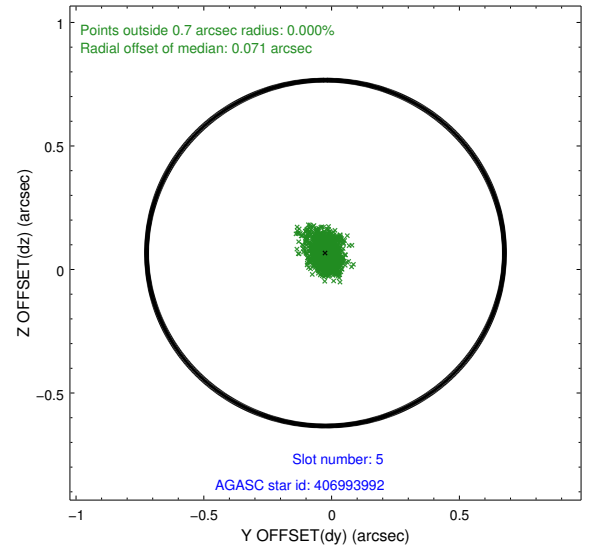
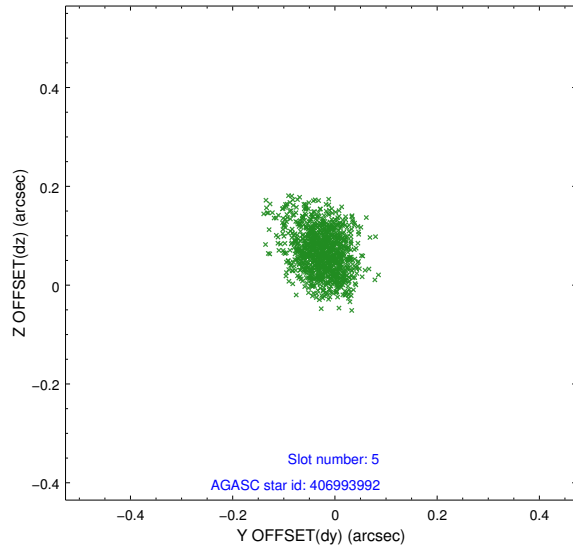
2.4.1 Slot 3



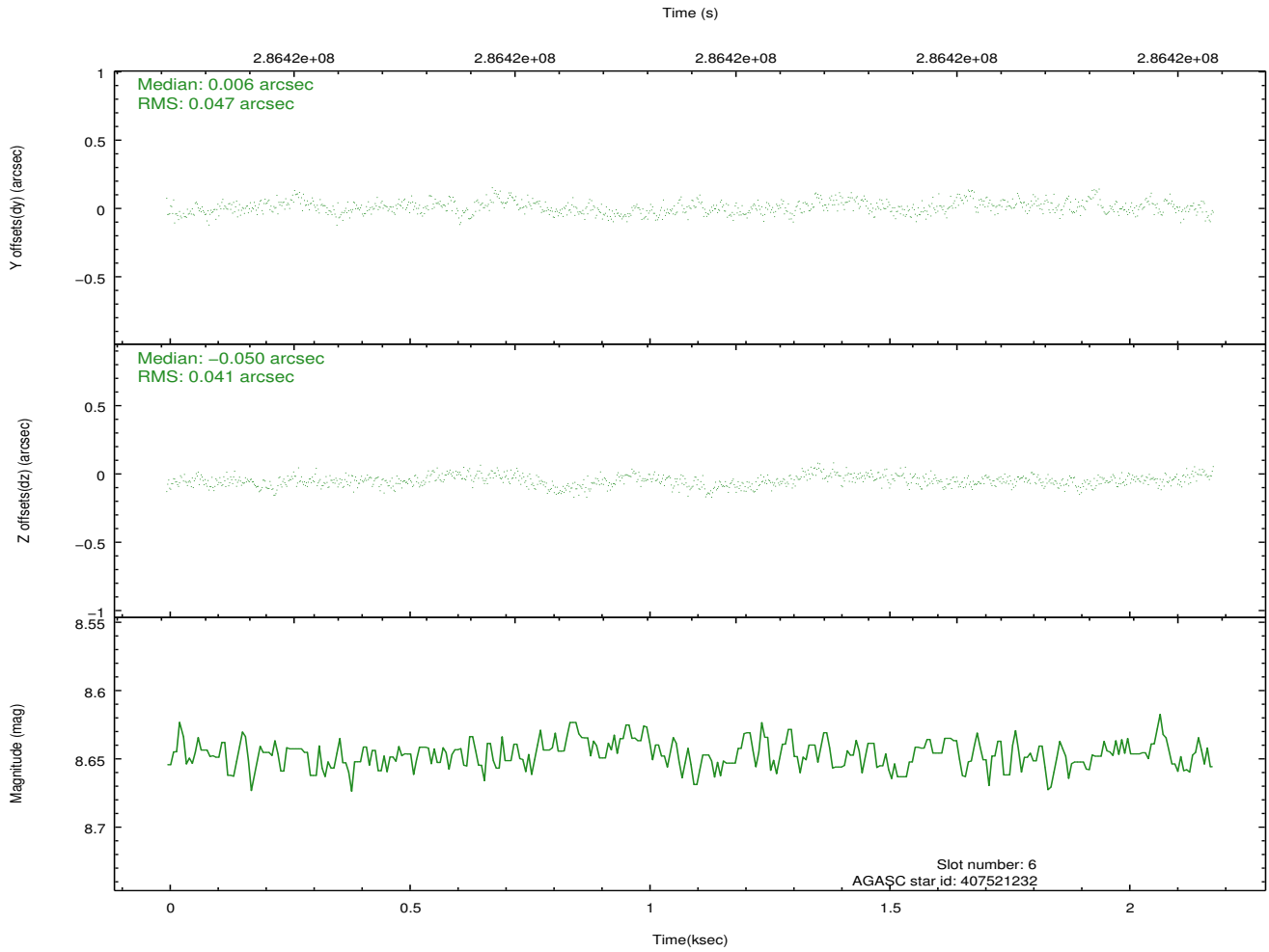
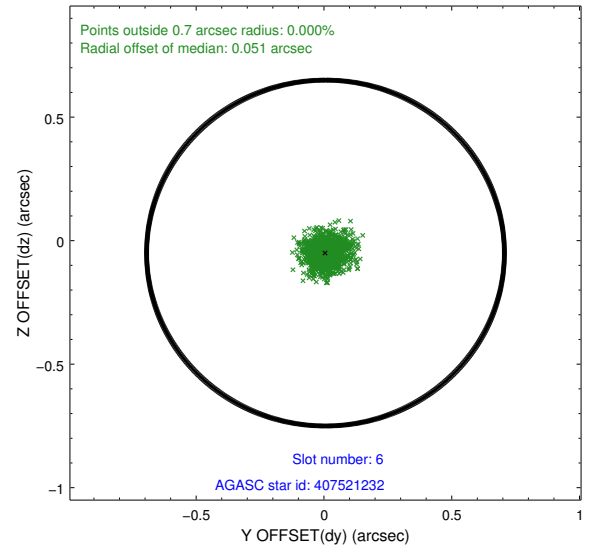
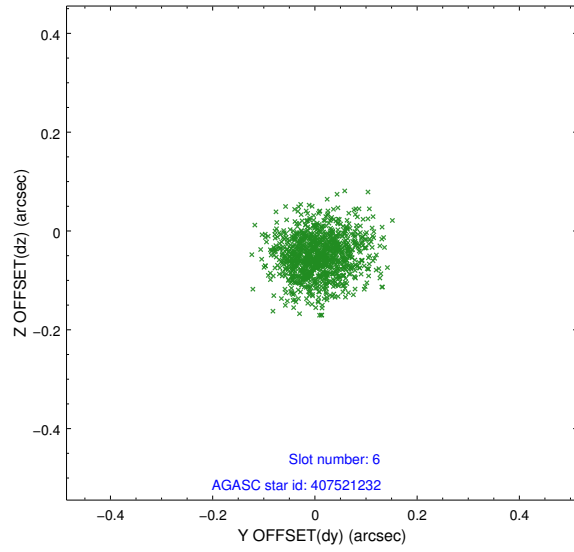
2.4.2 Slot 4



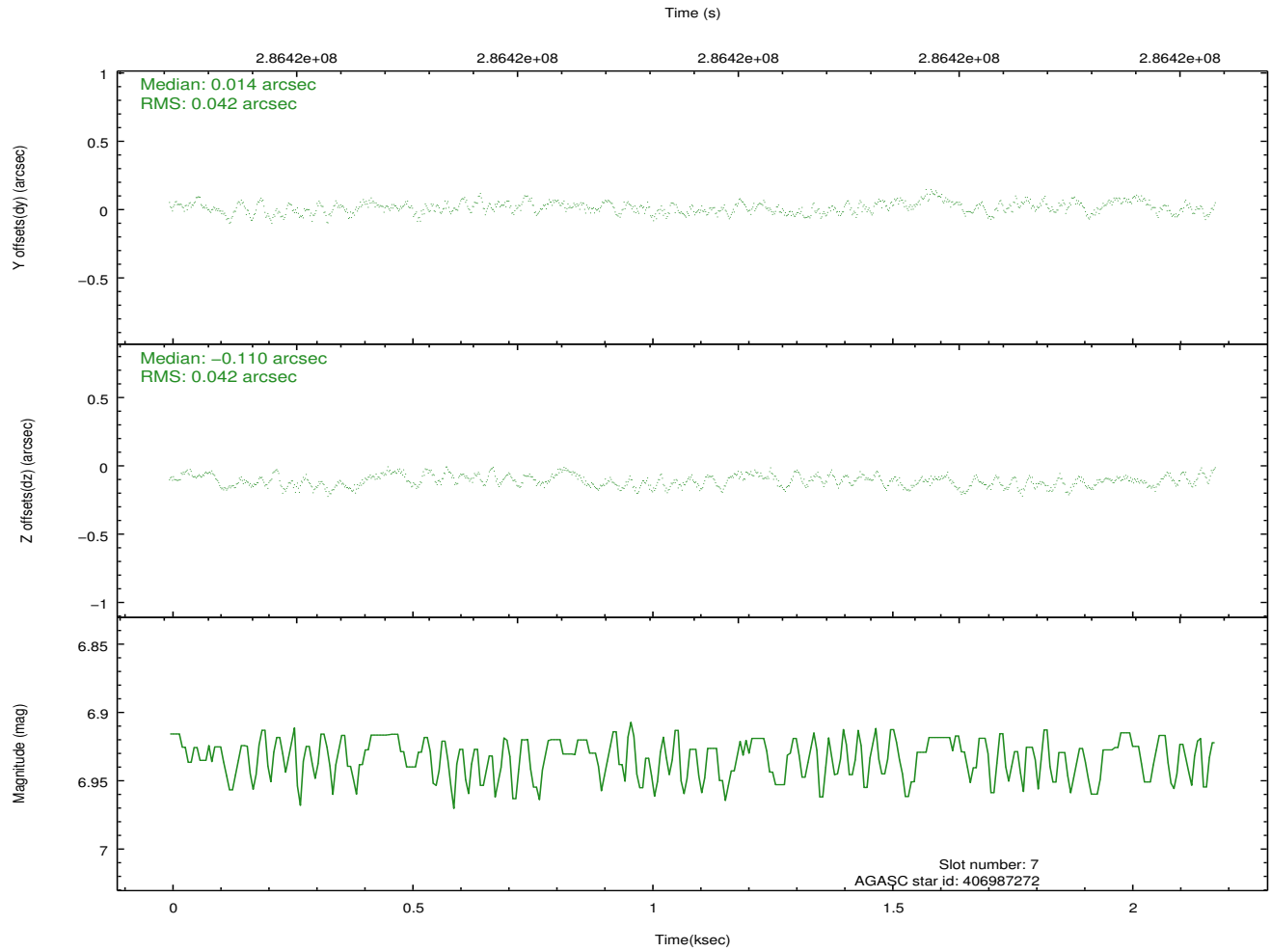
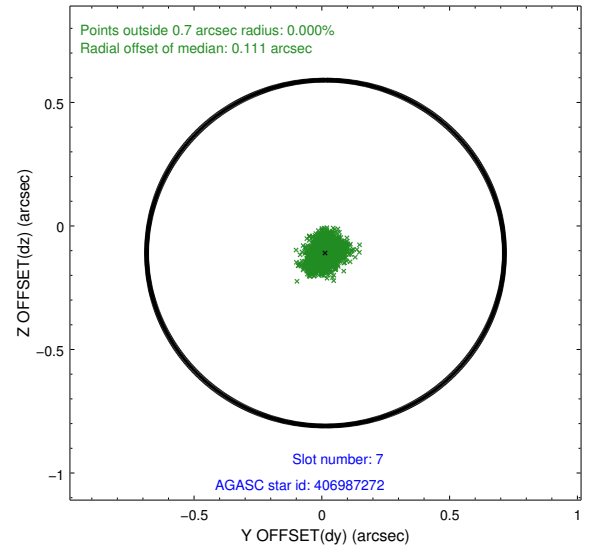
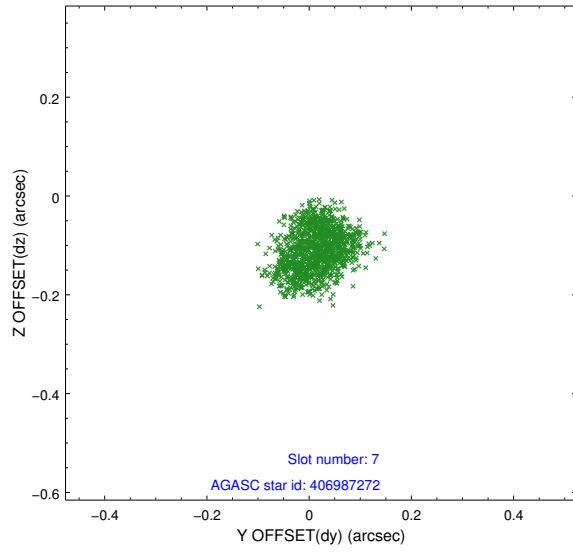
2.4.3 Slot 5



2.4.4 Slot 6

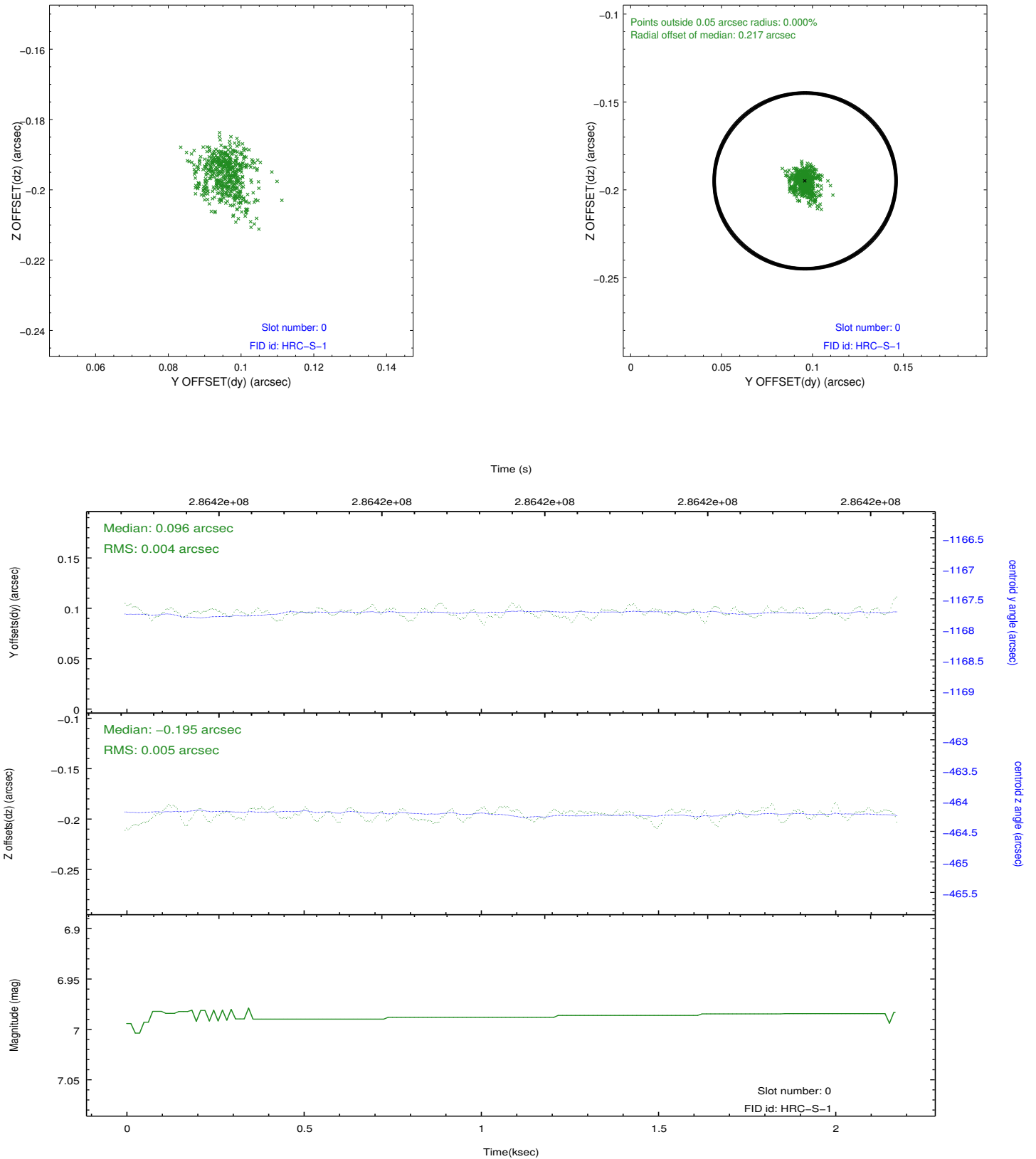


2.4.5 Slot 7

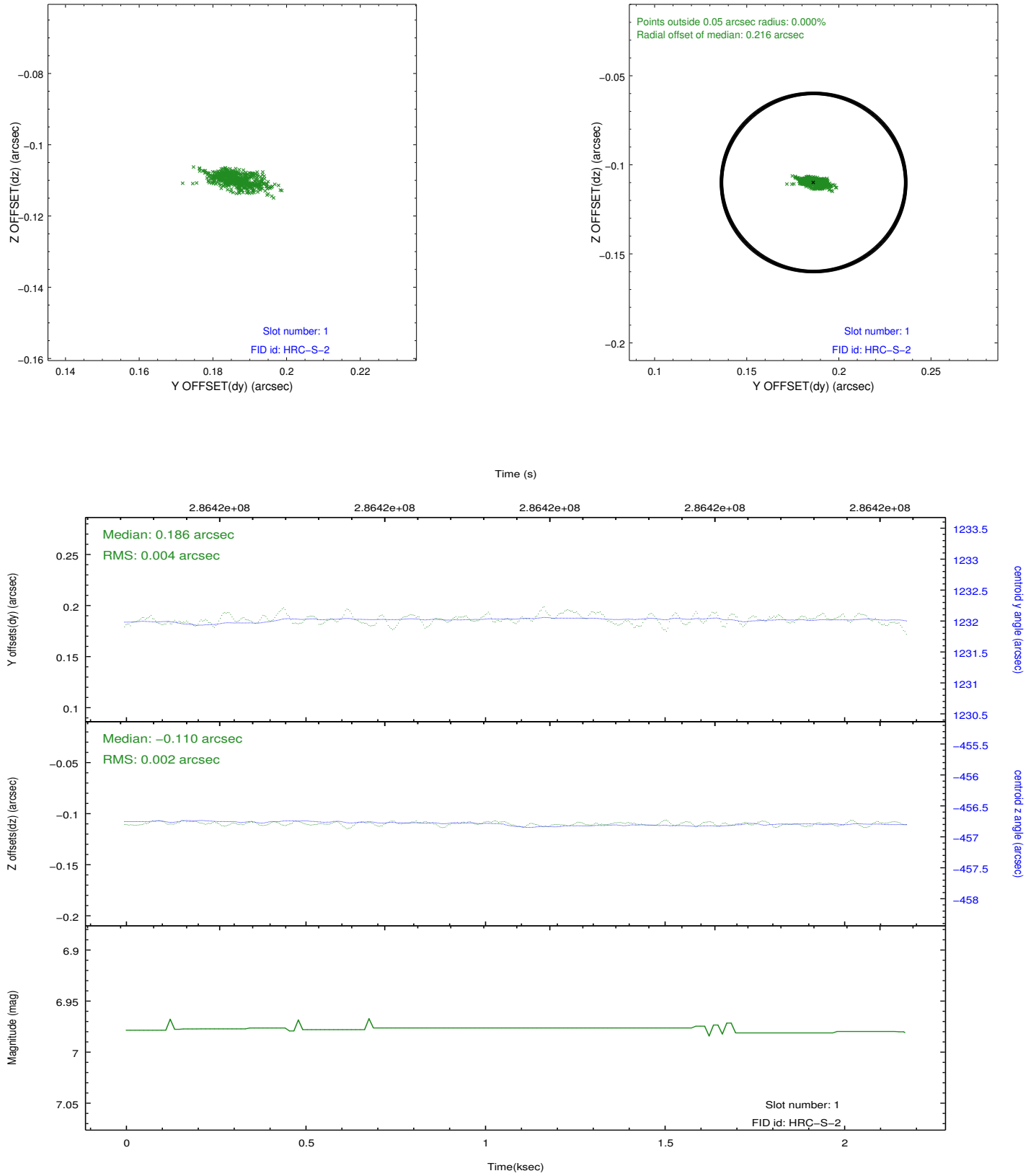


2.5 FID Slots

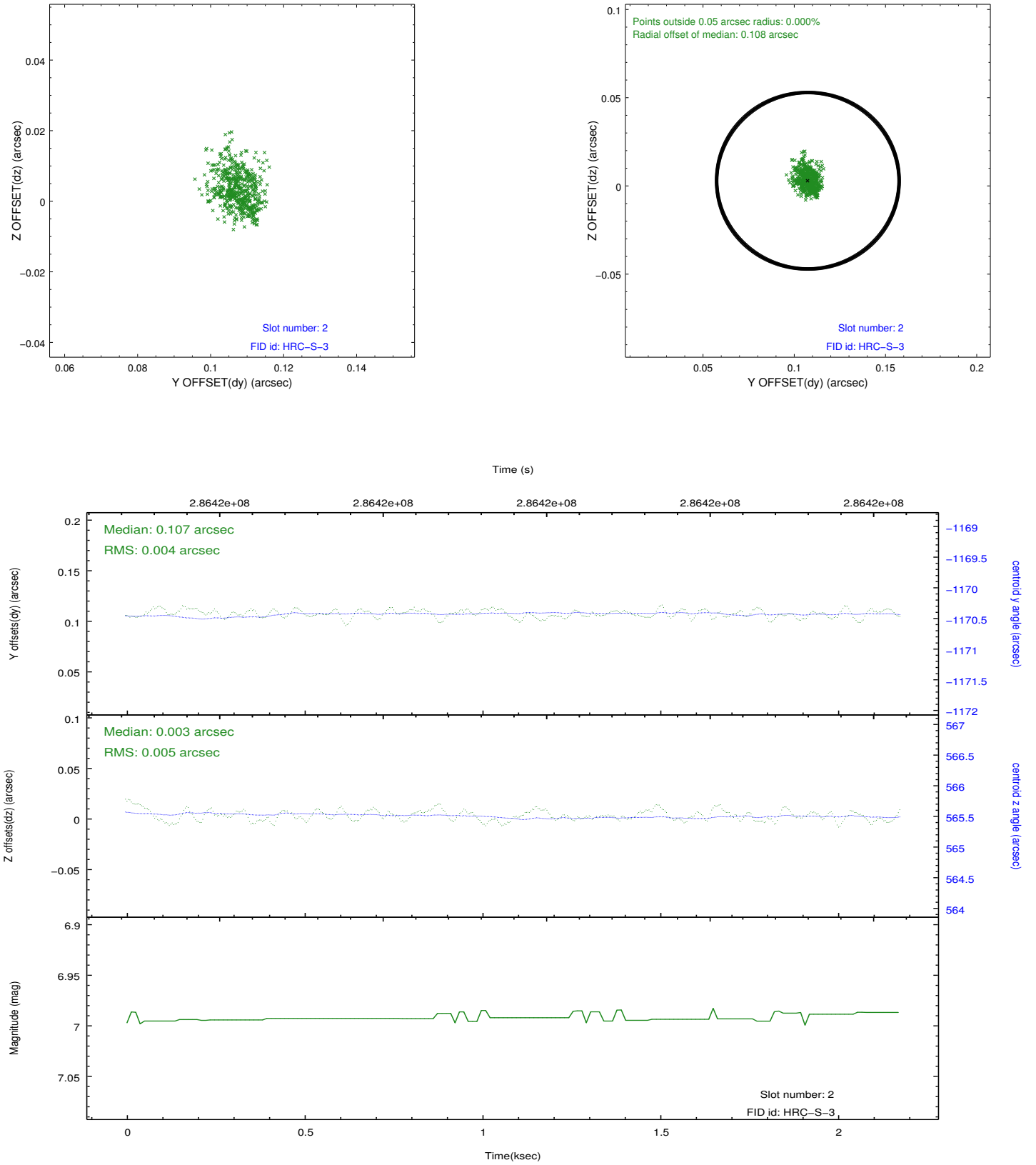
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15275635

A.2 Comments

Window preference met.