

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14248 - L2 Version 2
Chandra X-Ray Center

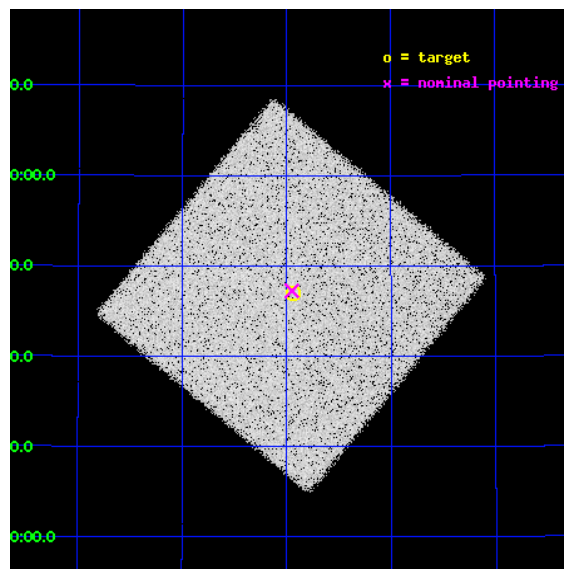
L2 Processing Date : Jul 28 2012

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1 Front

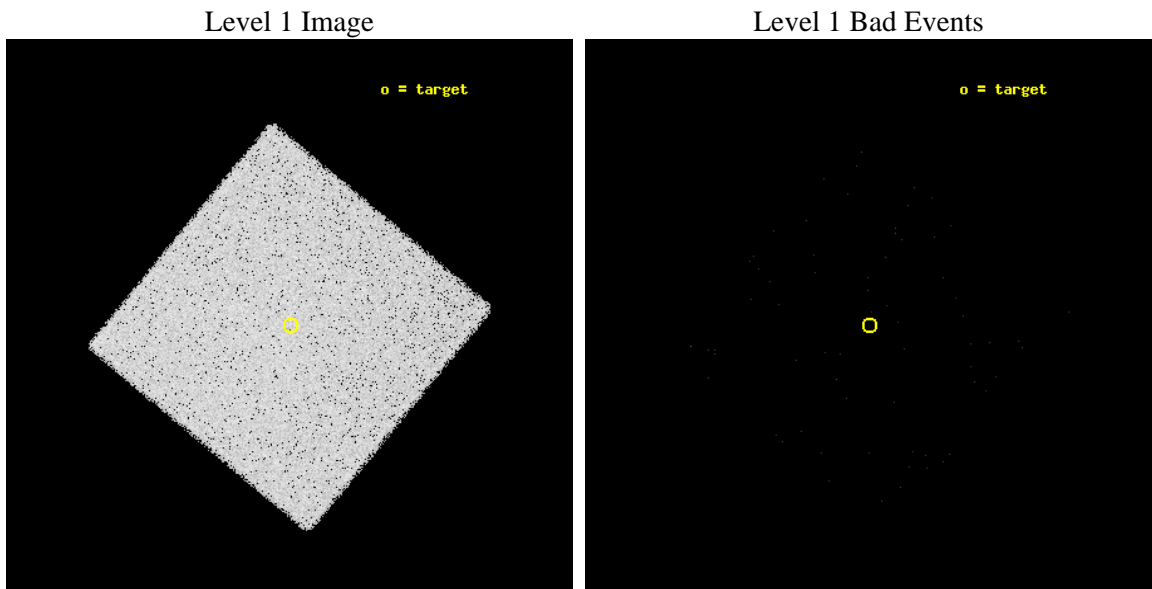
seq_num	291021	Sequence number
obs_id	14248	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23747629222	Nominal RA [deg]
dec_nom	38.787554911598	Nominal Dec [deg]
roll_nom	84.771811336822	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2175.8188654184	[s]
liveltime	2157.6158369979	Ontime multiplied by DTCOR
l2events	131502	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	2175.8188654184	[s]
caldbver	4.5.1	 	l1events	256464	Number of level 1 events
date	2012-07-28T08:58:54	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

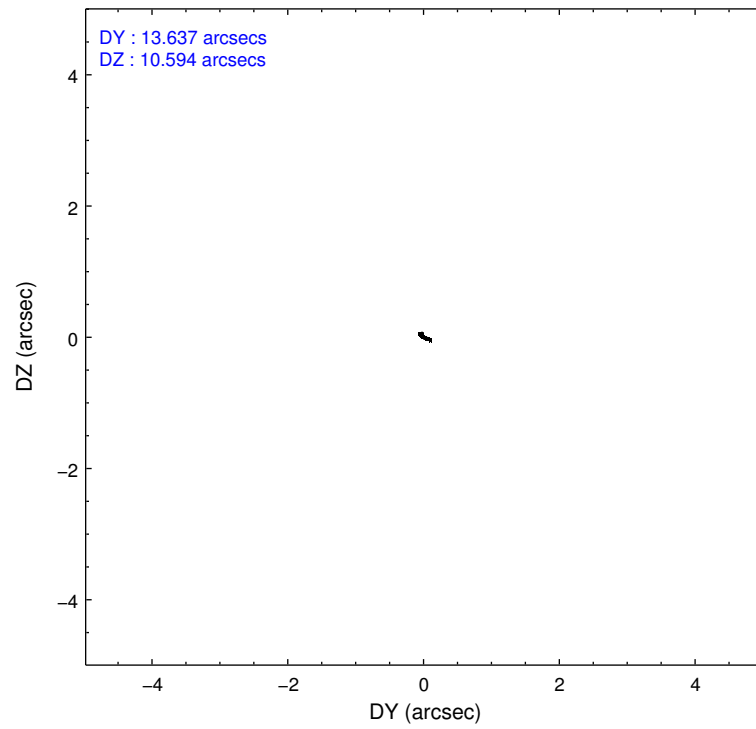
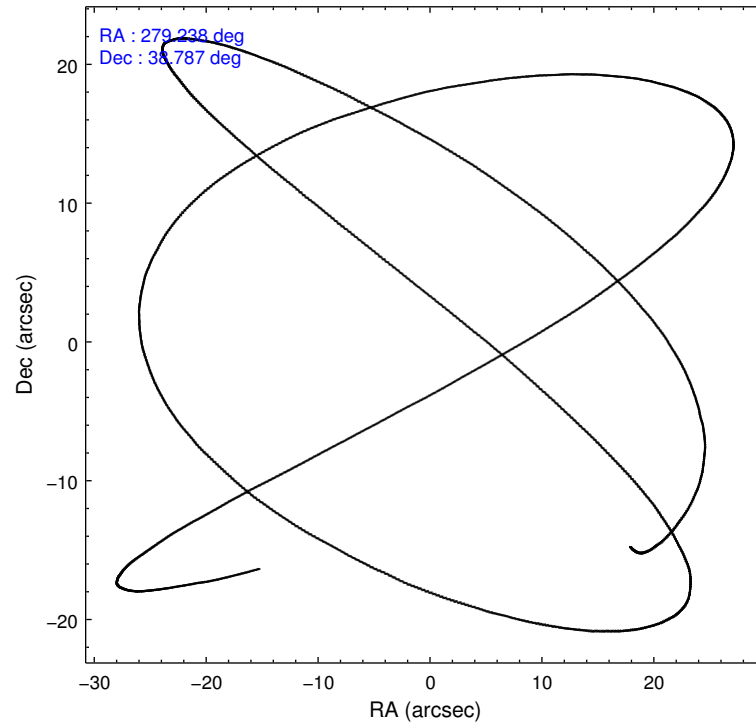
Level 1 Events

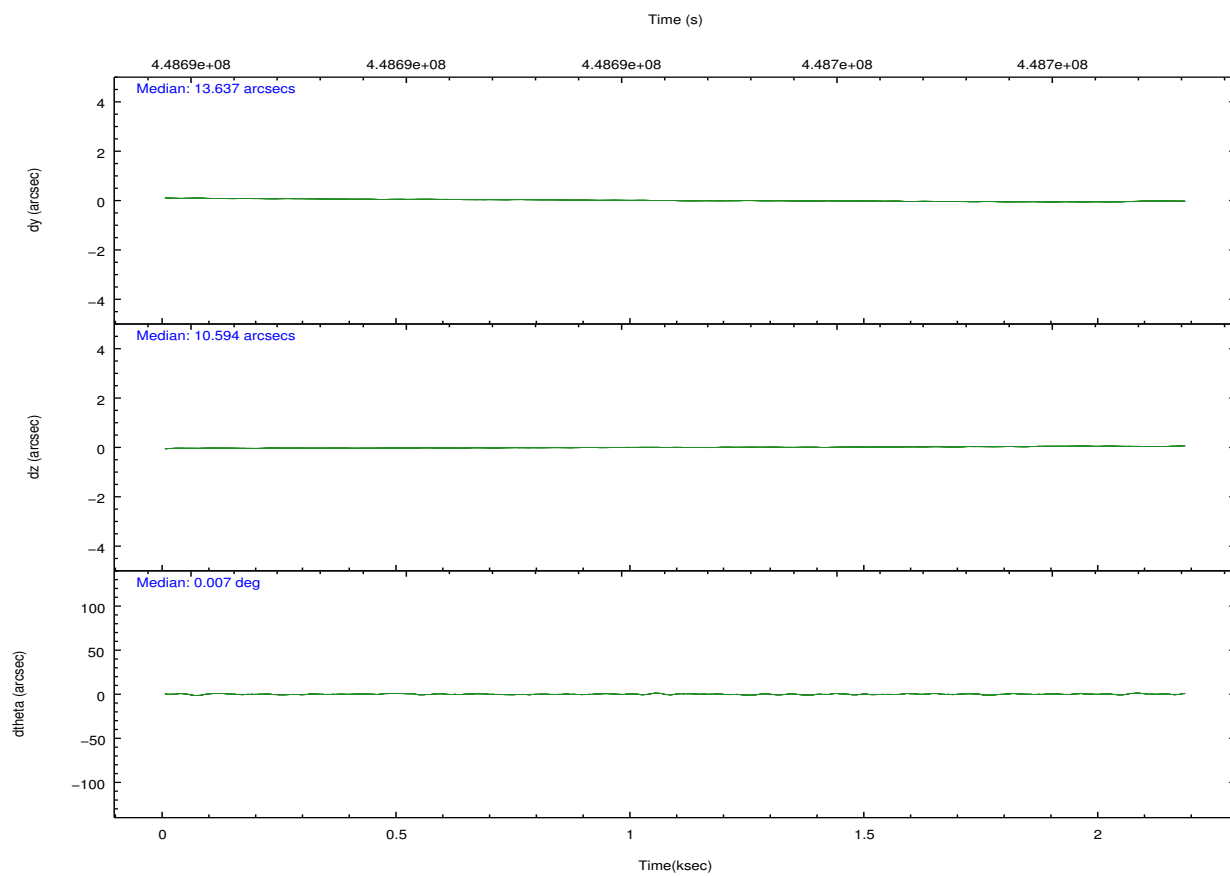
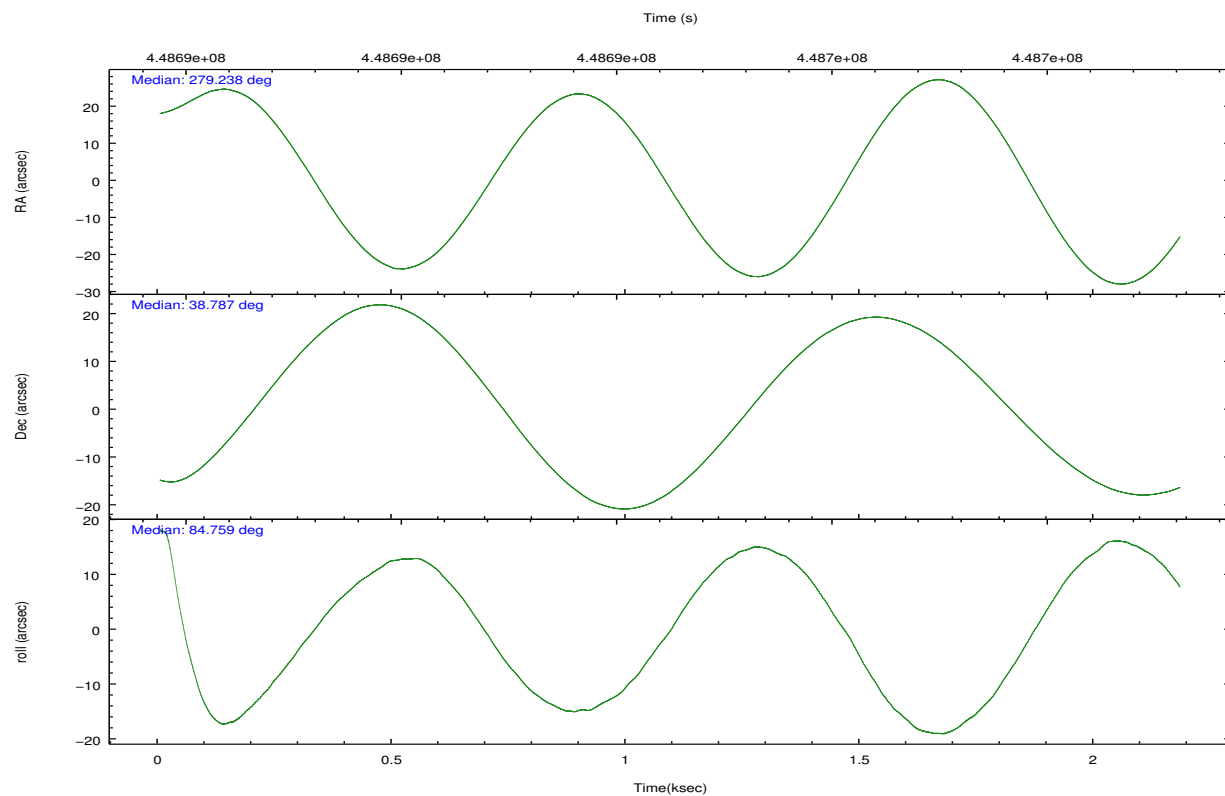
	segment 0
level 1 events	256464
rejected events	74826
rejected %	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.252794	279.2374762922155			
[deg] Pointing Dec	38.763127	38.78755491159811			
[deg] Pointing Roll	84.857528	84.77181133682191			
[s] Window start time (MET)	446947266.184000	446947266.184000			
[s] Window stop time (MET)	452131266.184000	452131266.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	448693722.184000	448692672.16259			
Observation start date	2012-03-21T05:07:36	2012-03-21T04:51:12			
[s] Observation end time (MET)	448695722.184000	448695859.91276			
Observation end date	2012-03-21T05:40:56	2012-03-21T05:44:19			

2.3 Aspect



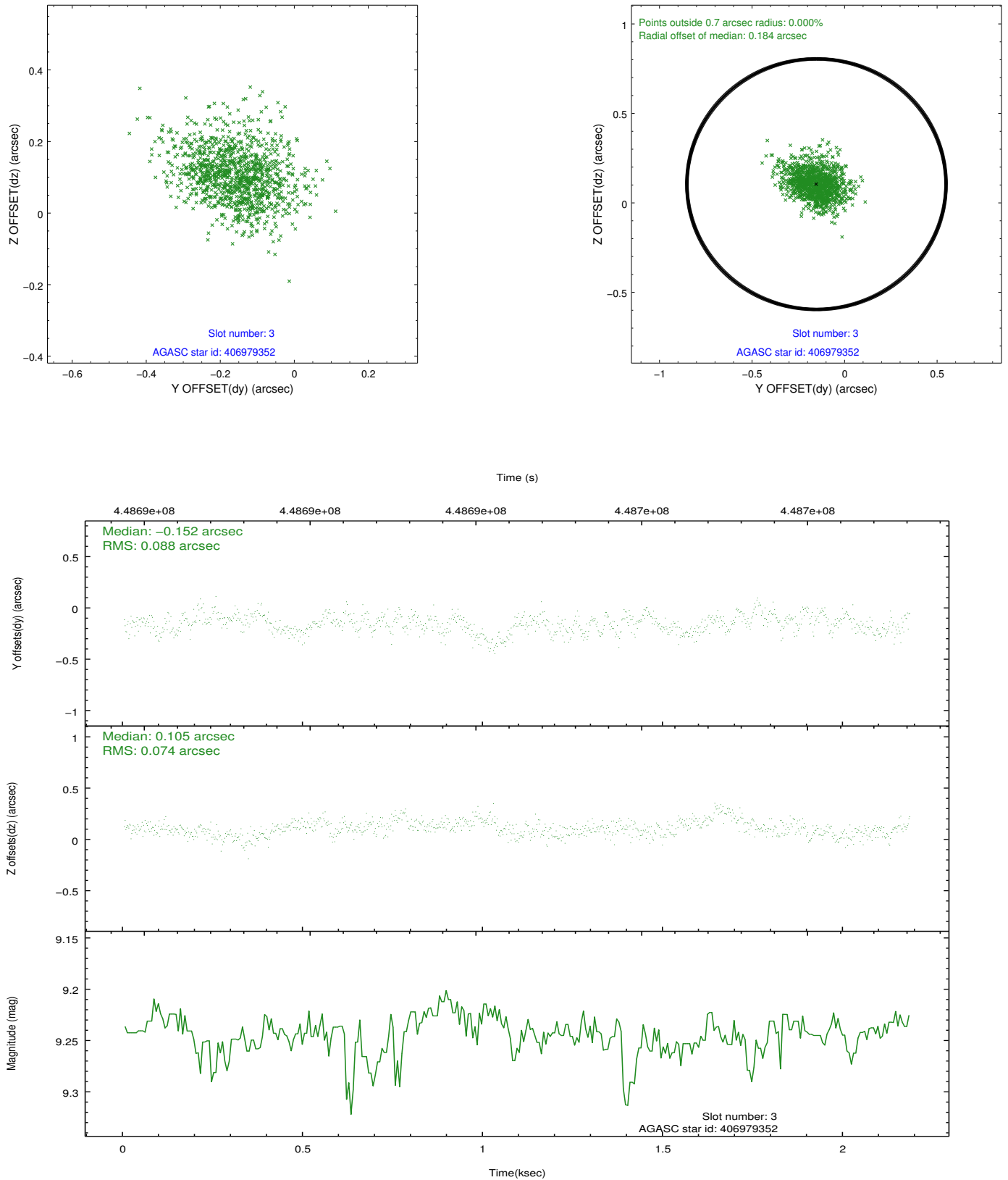


Slot Statistics

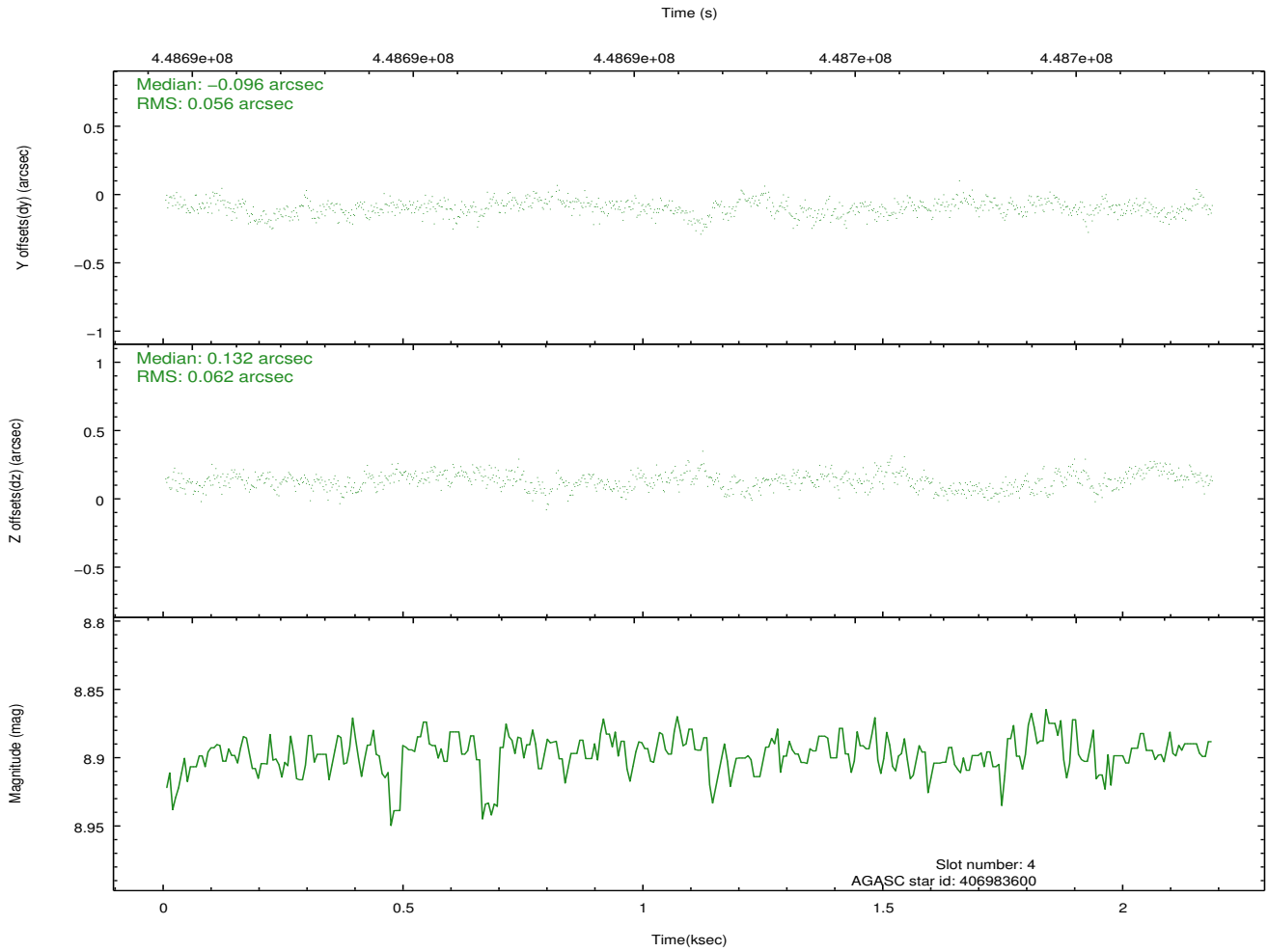
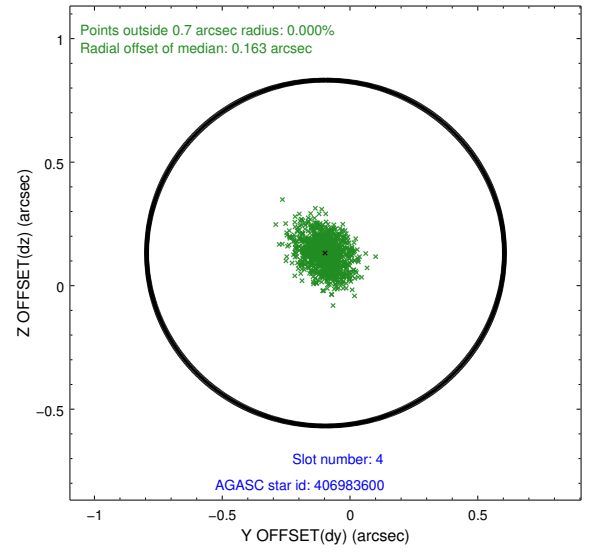
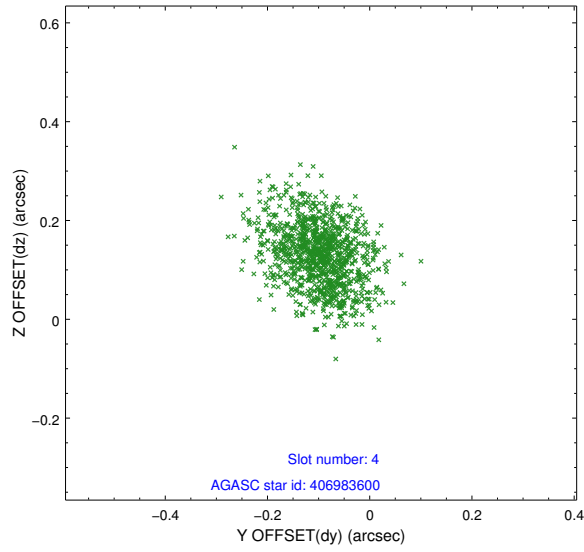
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.93	532	-0.098	0.008	0.007	0.013	0.000000	0.000000	-769.48	-1298.56
1	FID	HRC-I-2	6.96	532	0.227	-0.094	0.007	0.010	0.000000	0.000000	842.03	-1302.64
2	FID	HRC-I-3	7.01	532	-0.009	-0.004	0.006	0.012	0.000000	0.000000	-1196.35	1003.54
3	GUIDE	406979352	9.24	1065	-0.152	0.105	0.120	0.203	279.968297	39.230258	1860.23	-1835.55
4	GUIDE	406983600	8.90	1062	-0.096	0.132	0.090	0.147	279.940957	39.020708	1104.68	-1835.55
5	GUIDE	406985120	7.41	1065	-0.049	0.007	0.098	0.152	278.839732	38.894839	372.14	1194.07
6	GUIDE	406989616	8.23	1064	0.181	-0.047	0.087	0.139	279.202881	38.520843	-880.47	63.00
7	GUIDE	406987272	6.95	1064	0.113	-0.206	0.076	0.122	278.536588	38.437504	-1340.99	1907.38

2.4 Star Slots

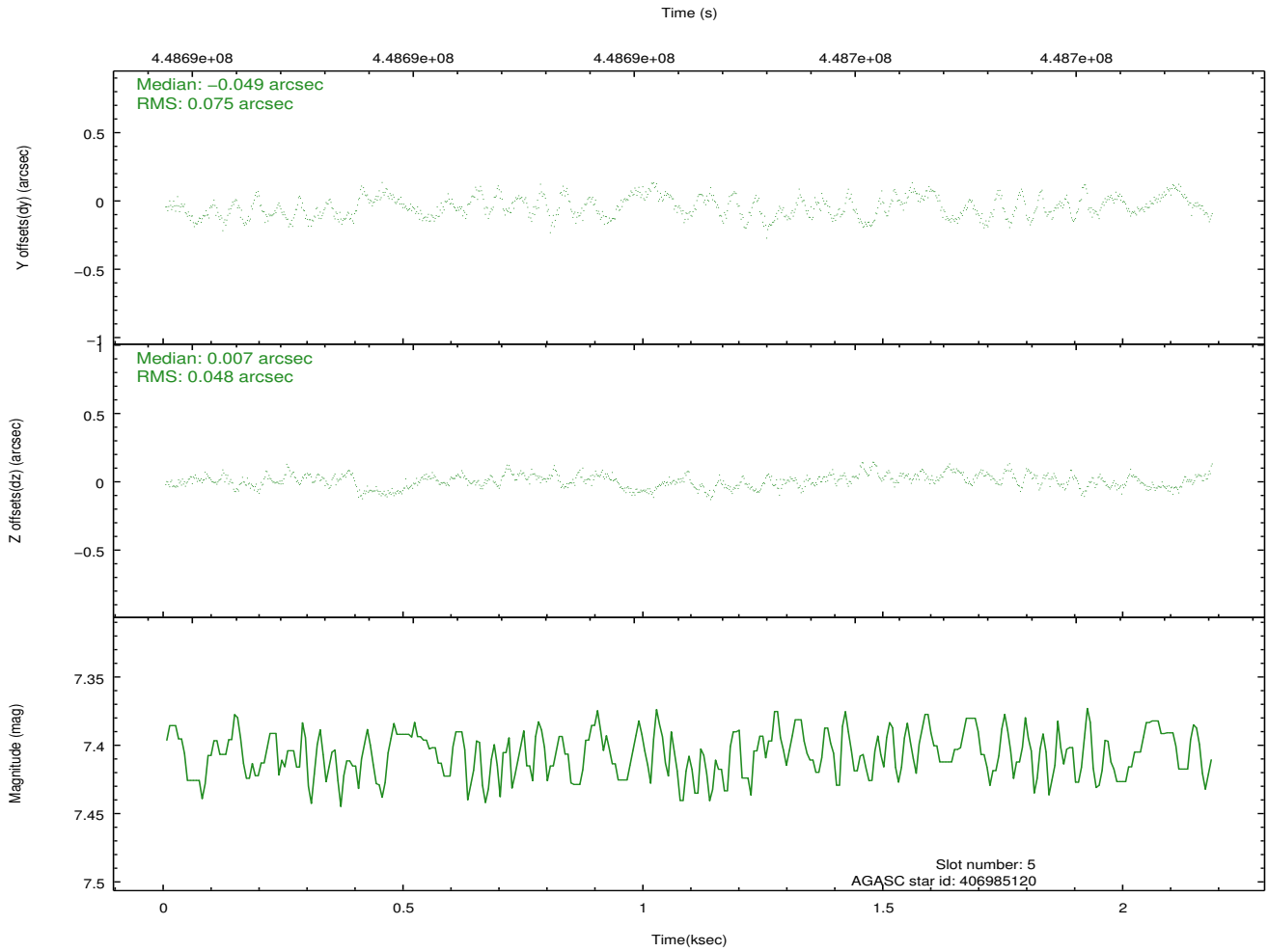
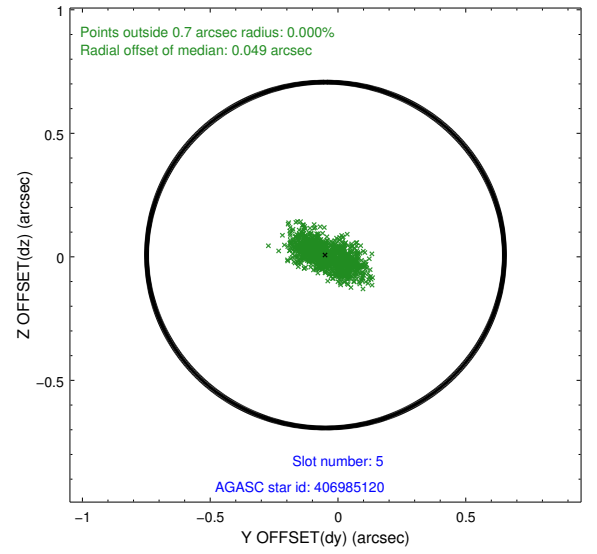
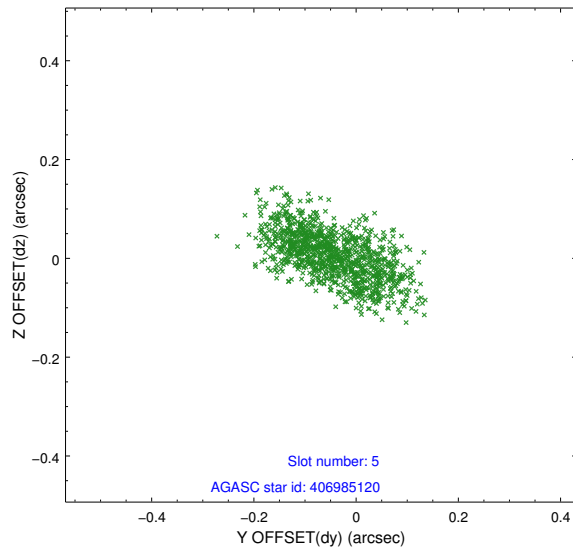
2.4.1 Slot 3



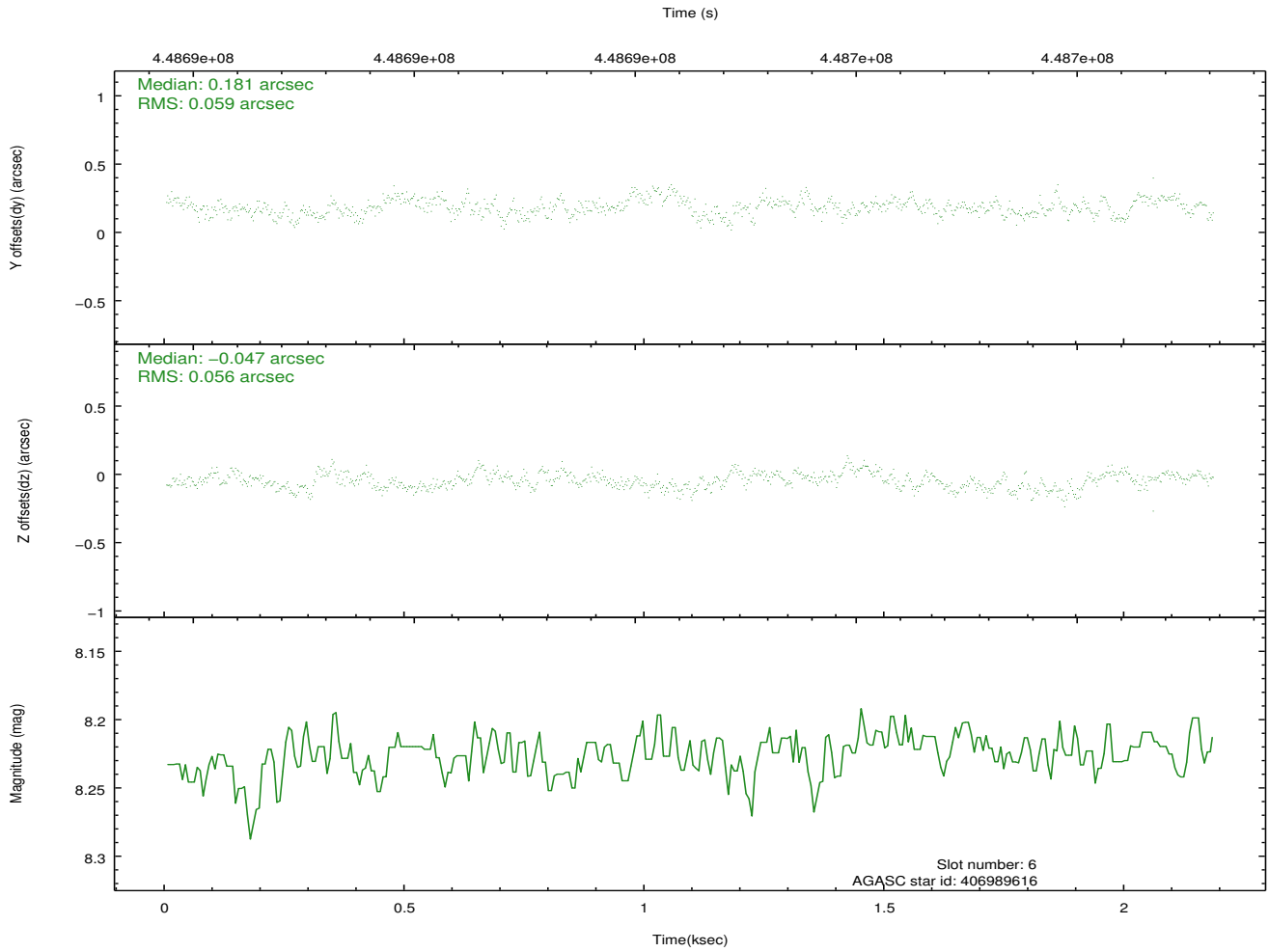
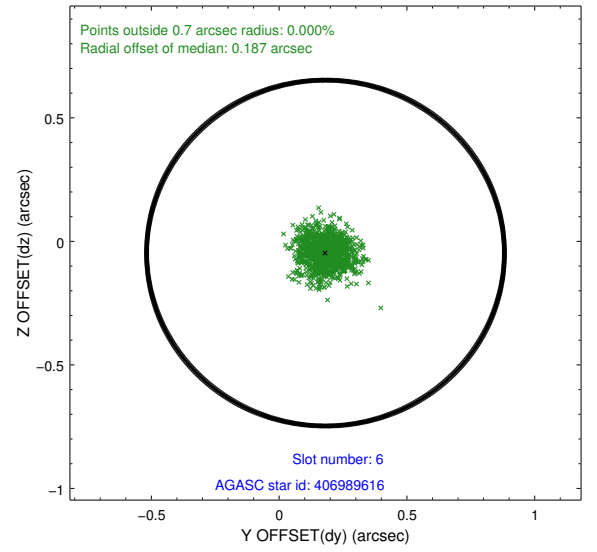
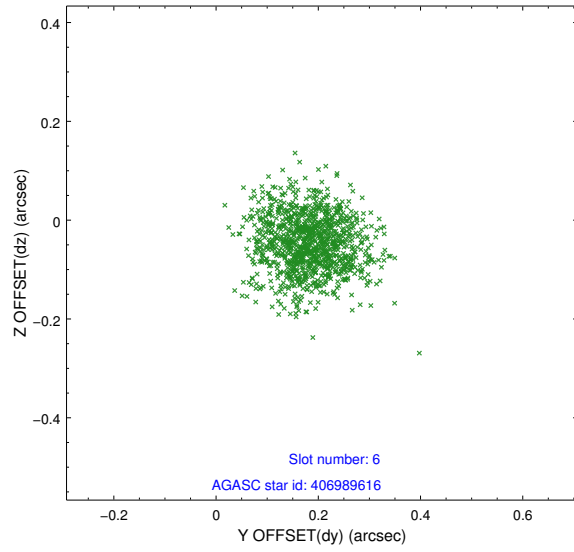
2.4.2 Slot 4



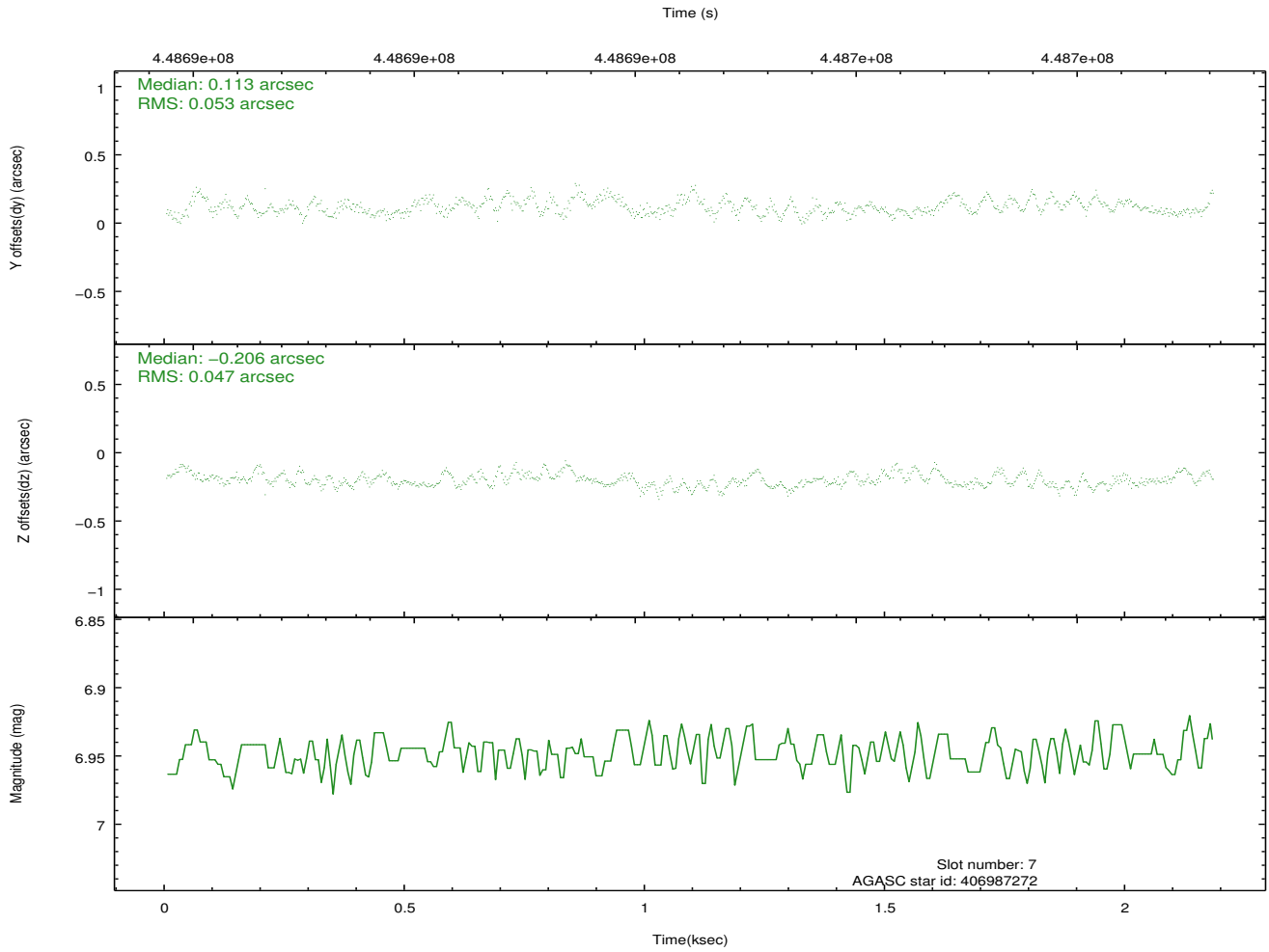
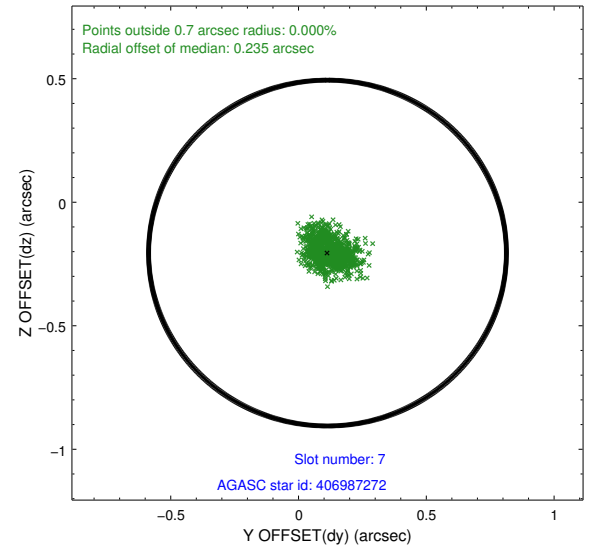
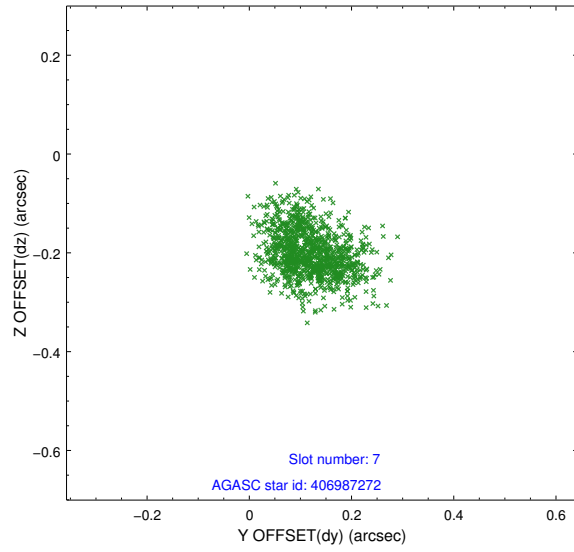
2.4.3 Slot 5



2.4.4 Slot 6

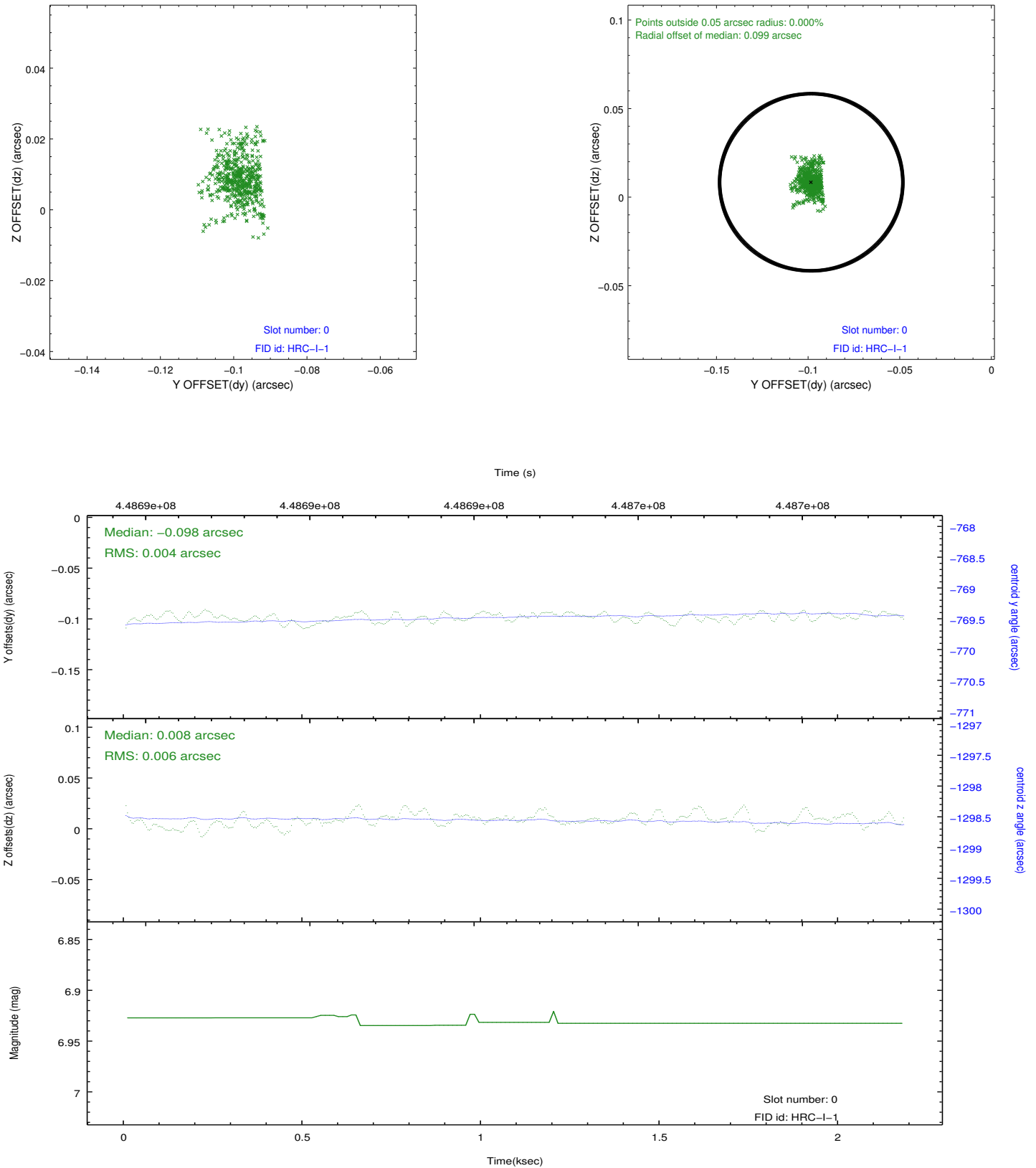


2.4.5 Slot 7

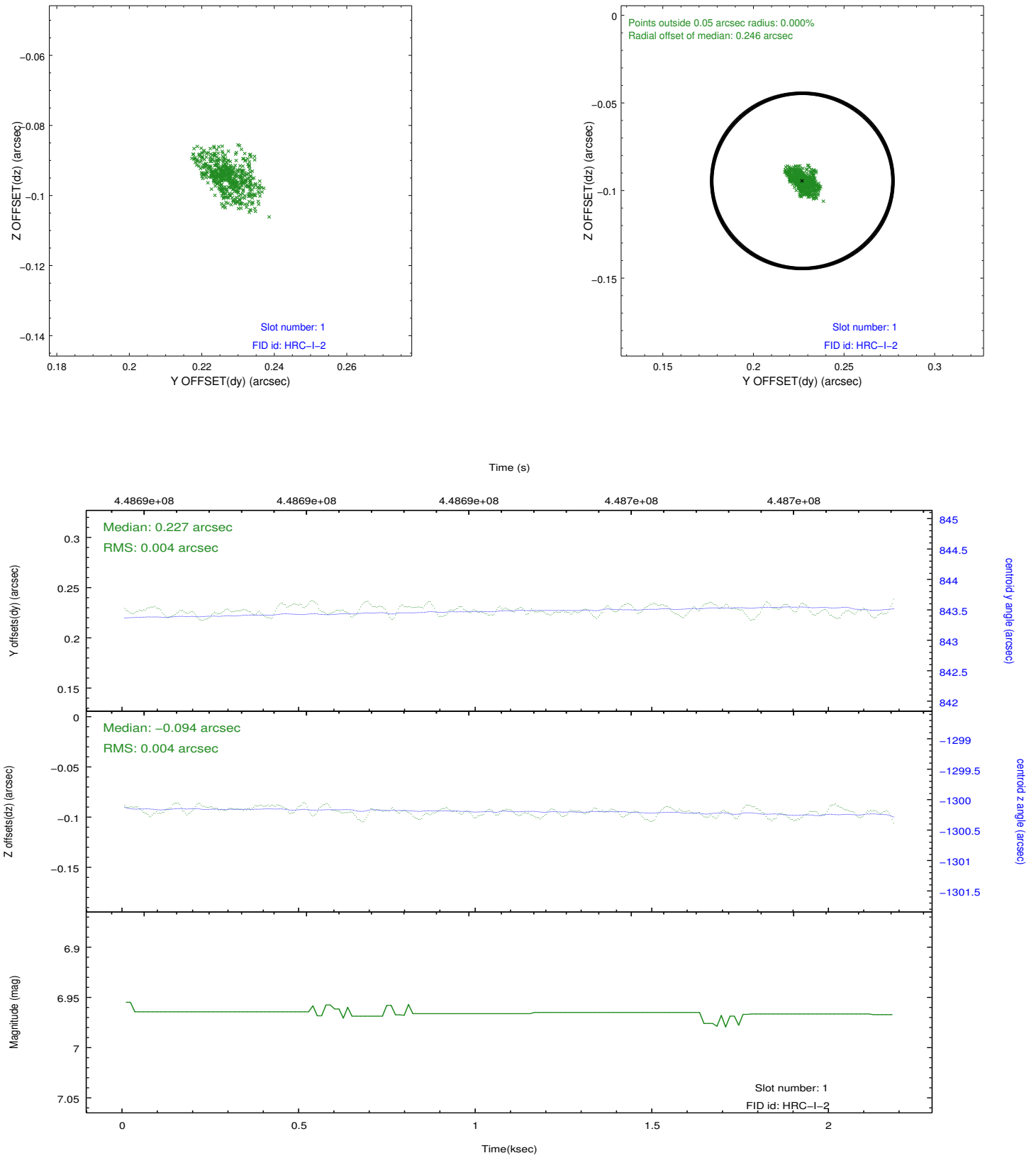


2.5 FID Slots

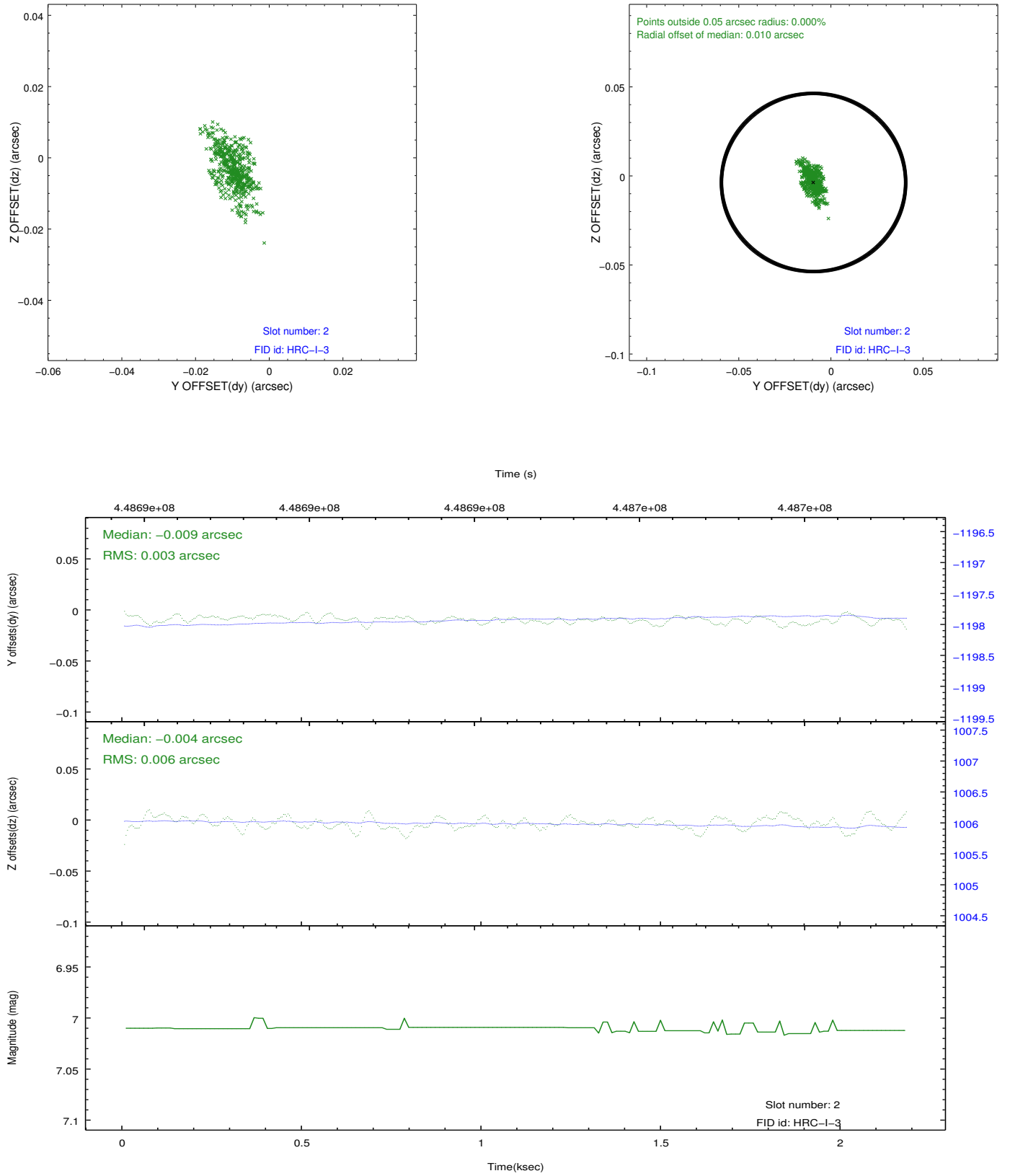
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1758188654184

A.2 Comments

Window preference met.