

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10640 - L2 Version 3
Chandra X-Ray Center

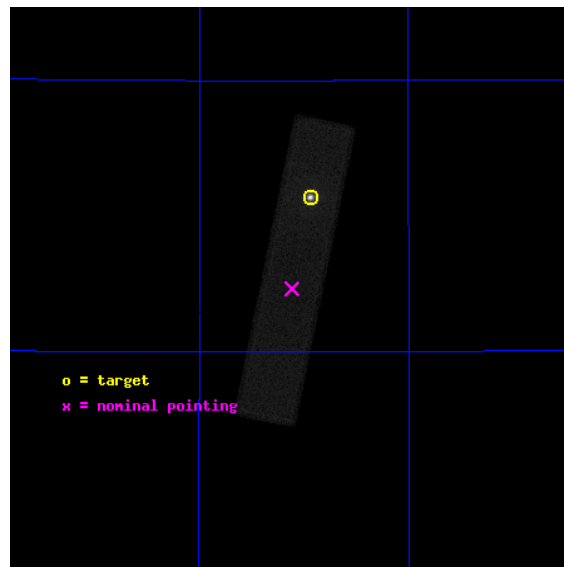
L2 Processing Date : Aug 13 2012

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1 Front

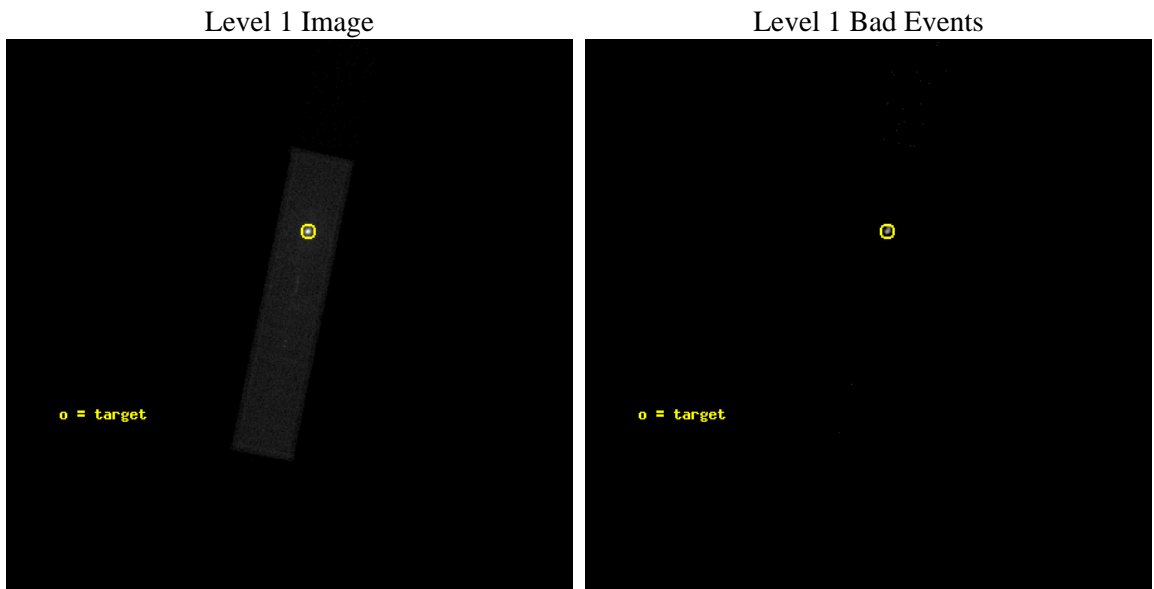
seq_num	290876	Sequence number
obs_id	10640	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.27900739847	Nominal RA [deg]
dec_nom	38.615820108984	Nominal Dec [deg]
roll_nom	281.59283694938	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2182.4813596606	[s]
liveltime	1661.0719794187	Ontime multiplied by DTCOR
l2events	379200	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	2182.4813596606	[s]
caldbver	4.5.1.1	 	l1events	454937	Number of level 1 events
date	2012-08-13T17:26:22	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

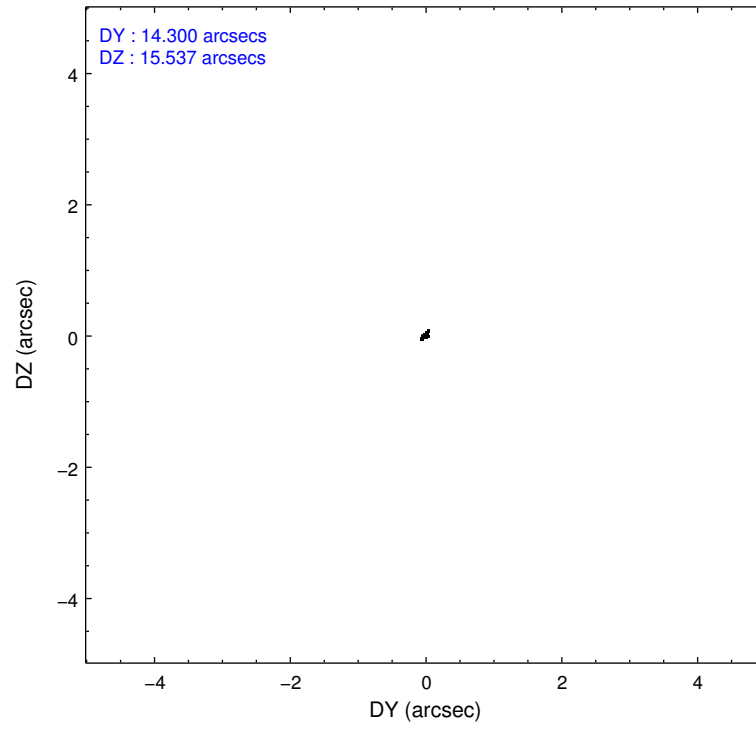
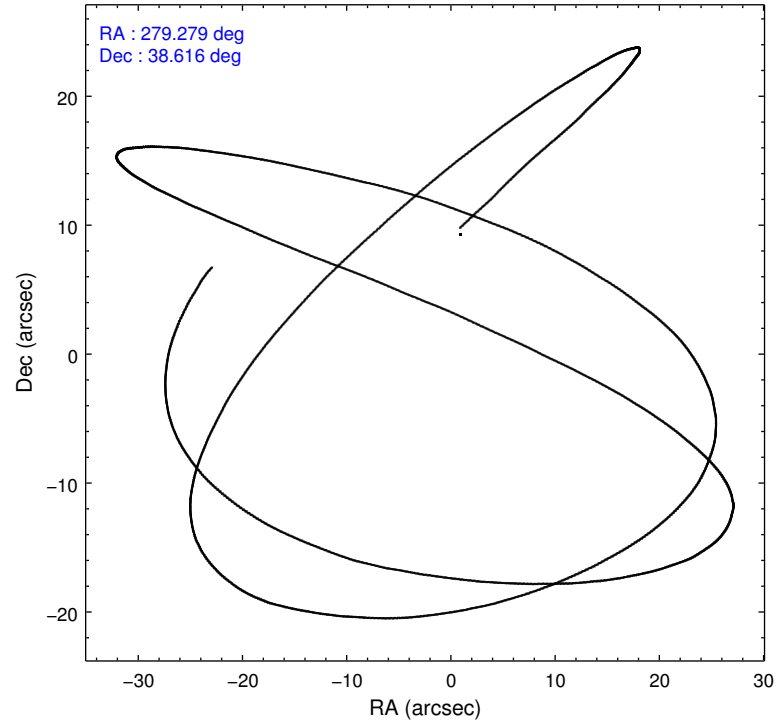
	segment 1	segment 2	segment 3
level 1 events	6894	447354	689
rejected events	6894	44929	689
rejected %	100%	10%	100%

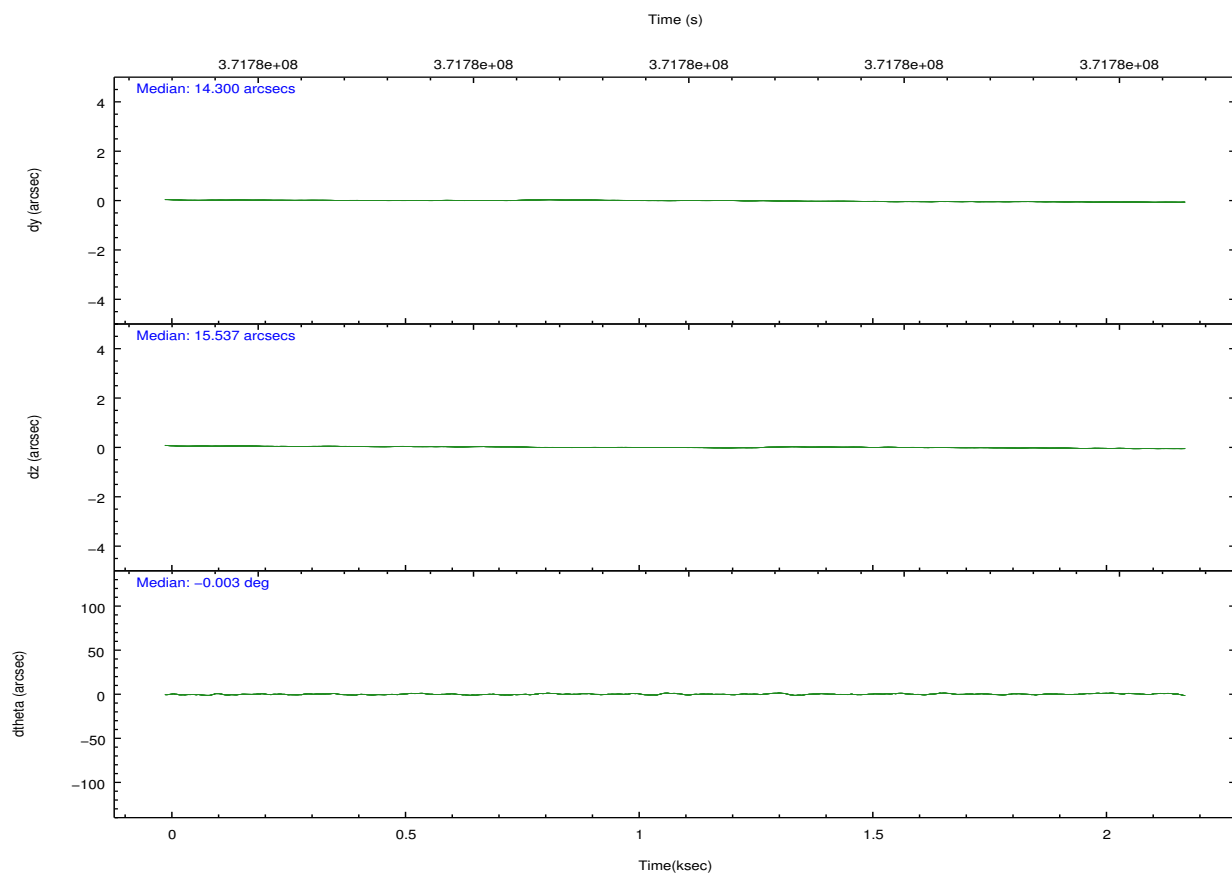
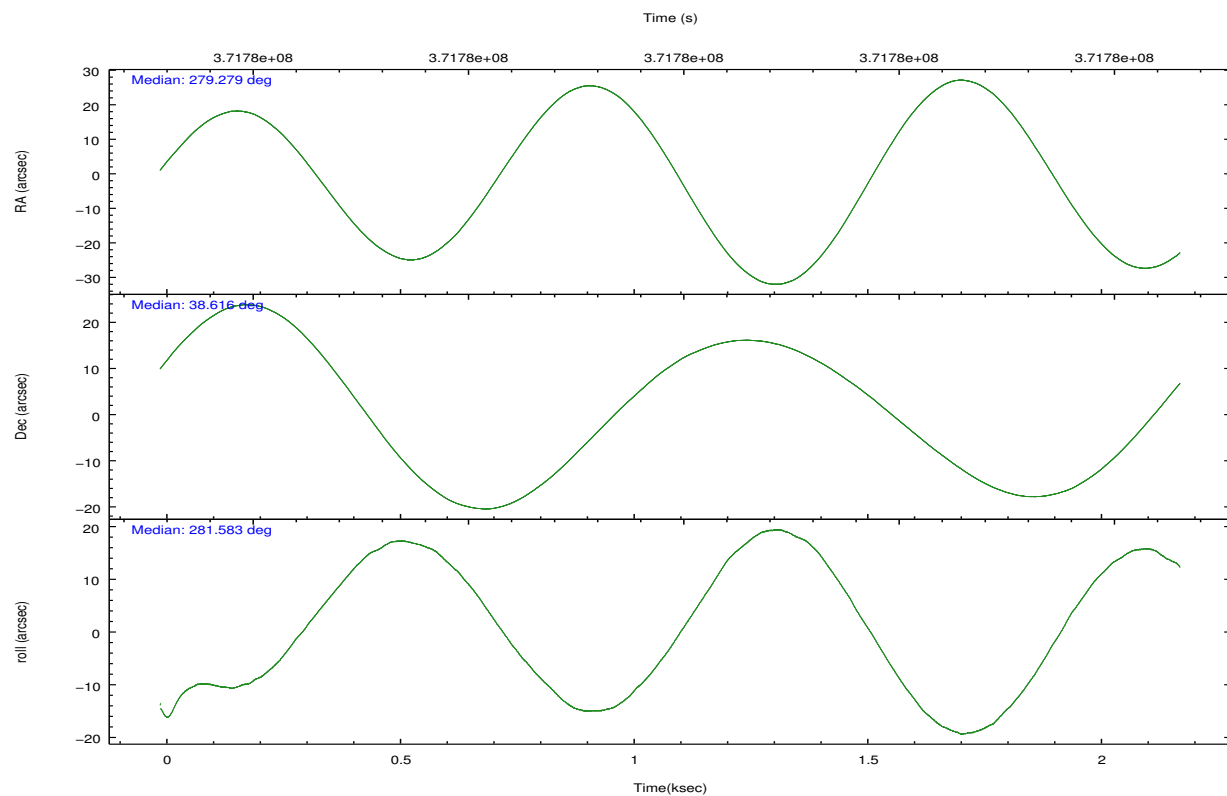
2.2 Compared Parameters

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	279.253125	279.2790073984737
[deg] Pointing Dec	38.636299	38.61582010898359
[deg] Pointing Roll	281.541676	281.5928369493759
[s] Window start time (MET)	368150466.184000	368150466.184000
[s] Window stop time (MET)	375926466.184000	375926466.184000
[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)	371775049.184000	371774673.61287
Observation start date	2009-10-12T22:49:43	2009-10-12T22:44:33
[s] Observation end time (MET)	371777049.184000	371777183.3255
Observation end date	2009-10-12T23:23:03	2009-10-12T23:26:23

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

2.3 Aspect



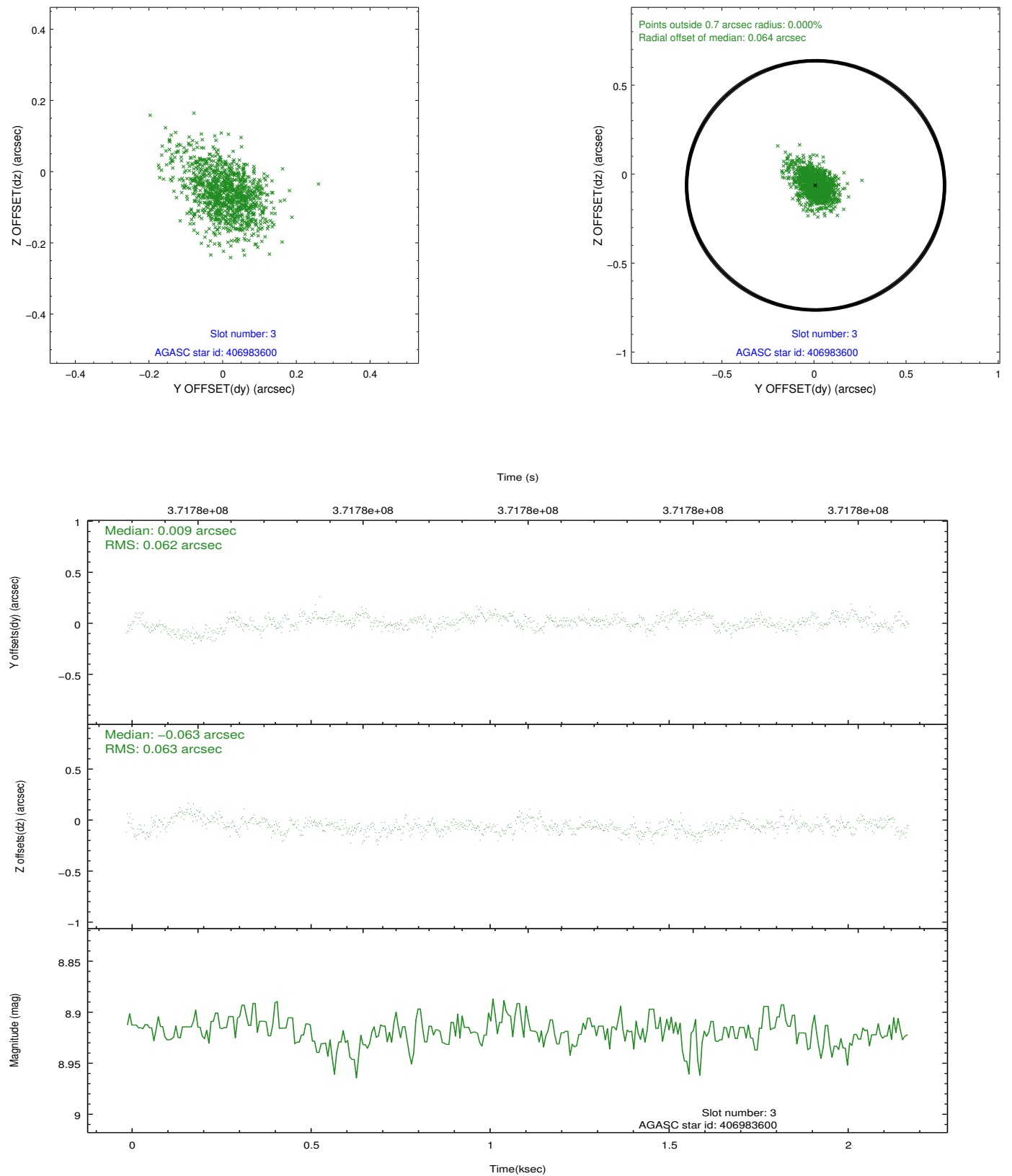


Slot Statistics

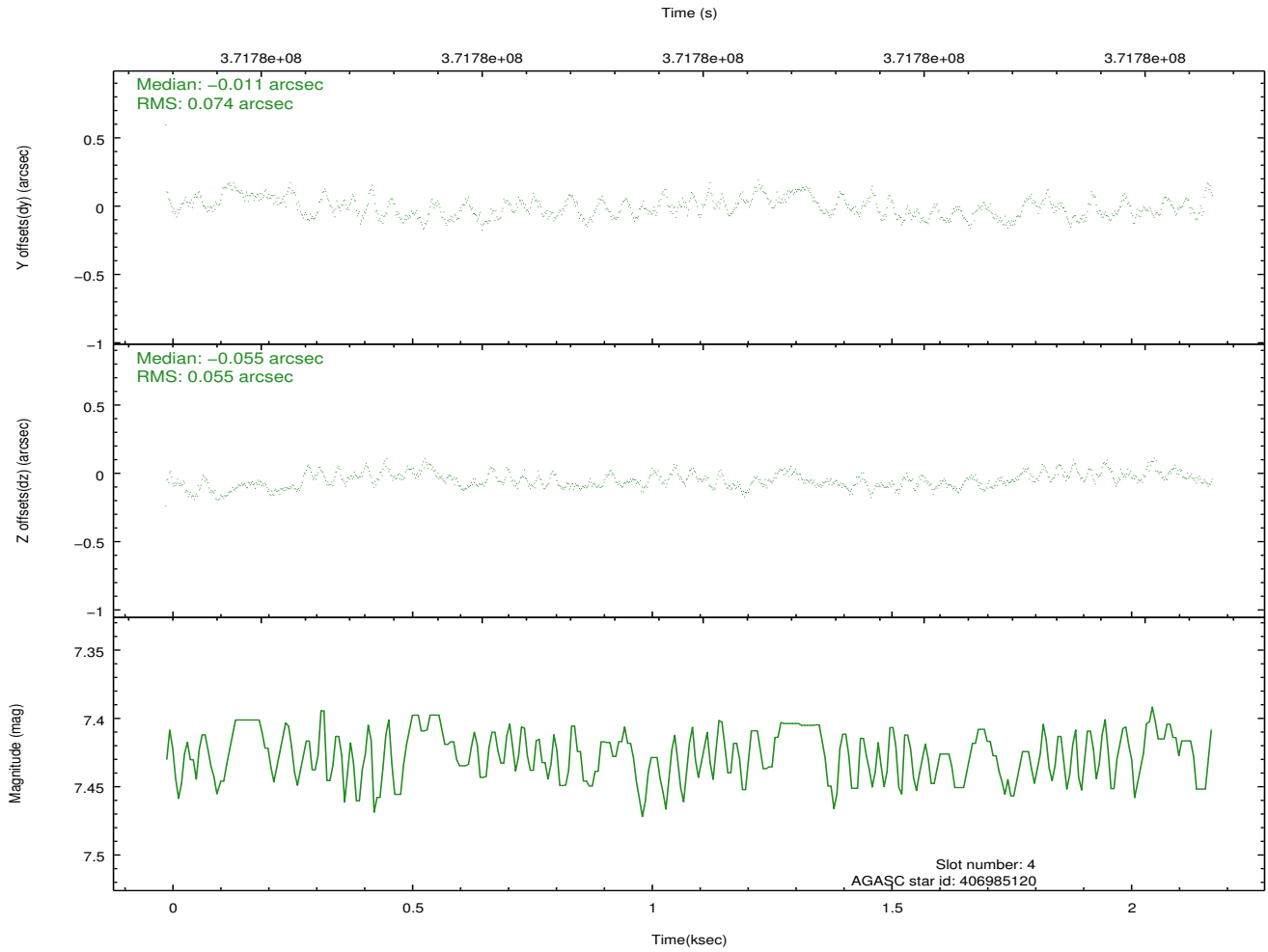
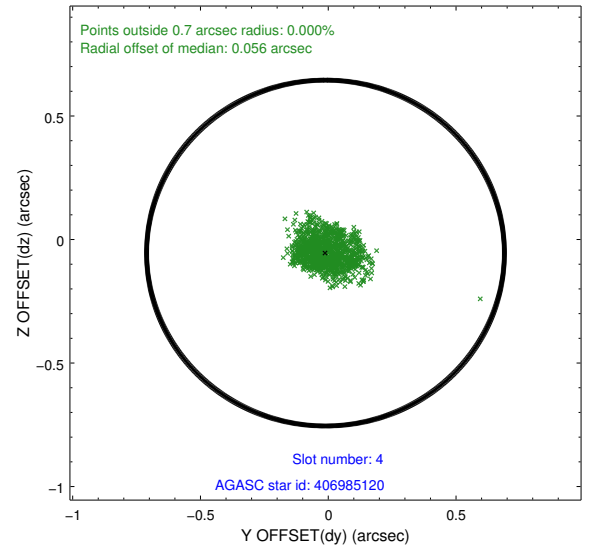
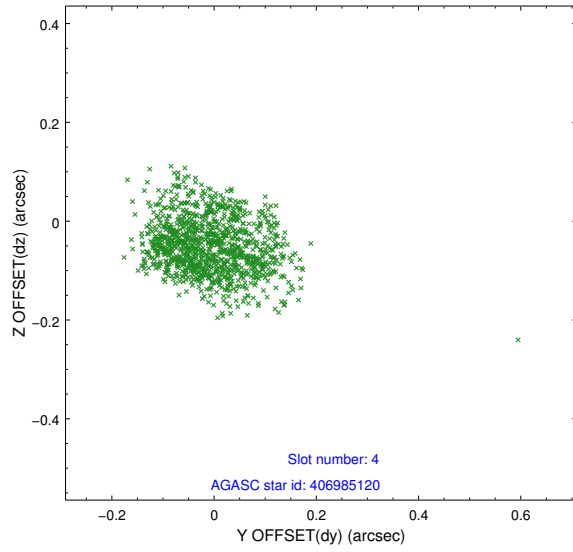
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	533	0.062	-0.203	0.006	0.011	0.000000	0.000000	-1168.67	-464.45
1	FID	HRC-S-2	6.99	533	0.223	-0.111	0.005	0.009	0.000000	0.000000	1228.95	-457.87
2	FID	HRC-S-3	7.01	533	0.105	0.011	0.007	0.012	0.000000	0.000000	-1169.05	564.42
3	GUIDE	406983600	8.92	1066	0.009	-0.063	0.089	0.165	279.940957	39.020708	-977.15	2163.63
4	GUIDE	406985120	7.43	1065	-0.011	-0.055	0.098	0.148	278.839732	38.894839	-1146.74	-946.42
5	GUIDE	406987272	6.93	1065	-0.155	0.079	0.064	0.106	278.536588	38.437504	288.09	-2122.29
6	GUIDE	406993992	7.64	1065	0.093	0.095	0.077	0.123	279.053714	38.034587	2009.72	-988.63
7	GUIDE	406979352	9.25	1065	0.064	-0.052	0.105	0.172	279.968297	39.230258	-1700.32	2382.03

2.4 Star Slots

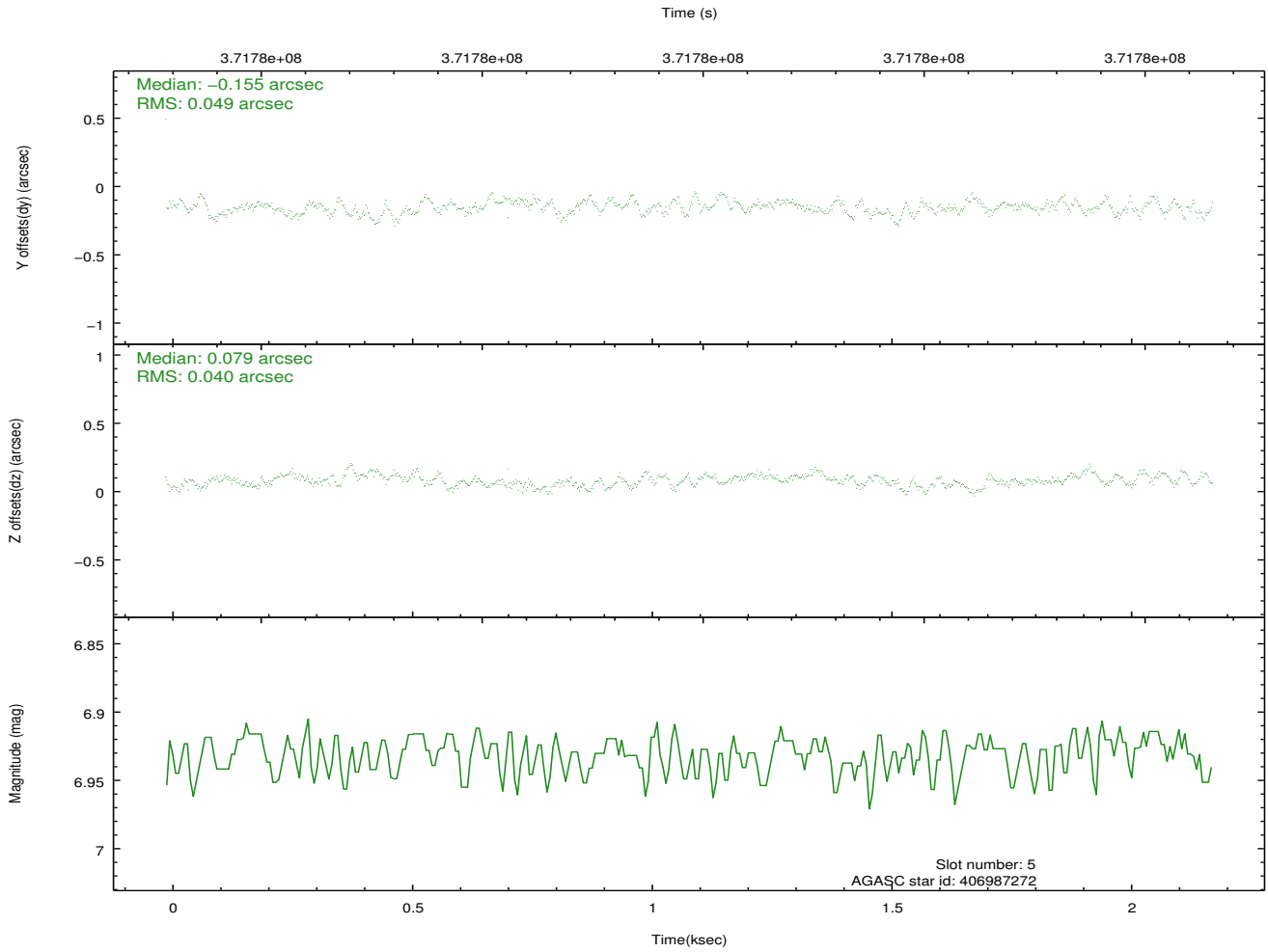
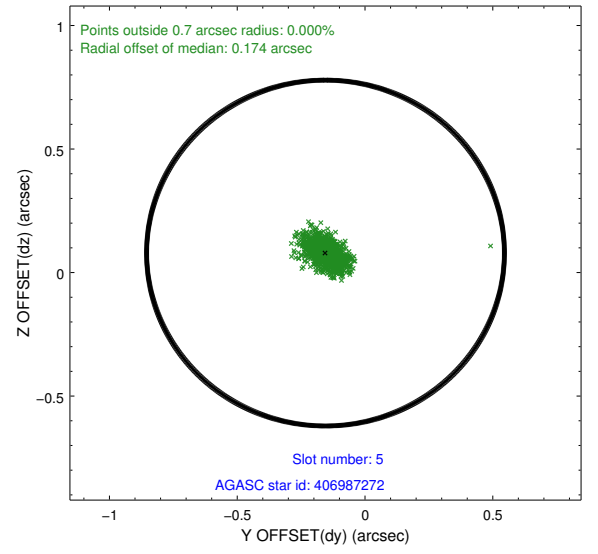
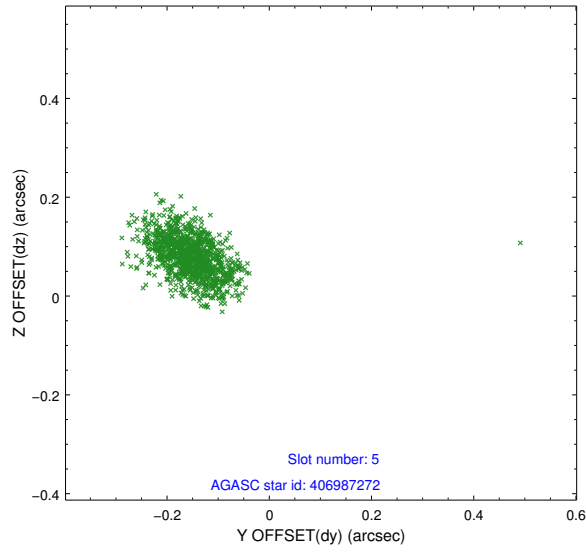
2.4.1 Slot 3



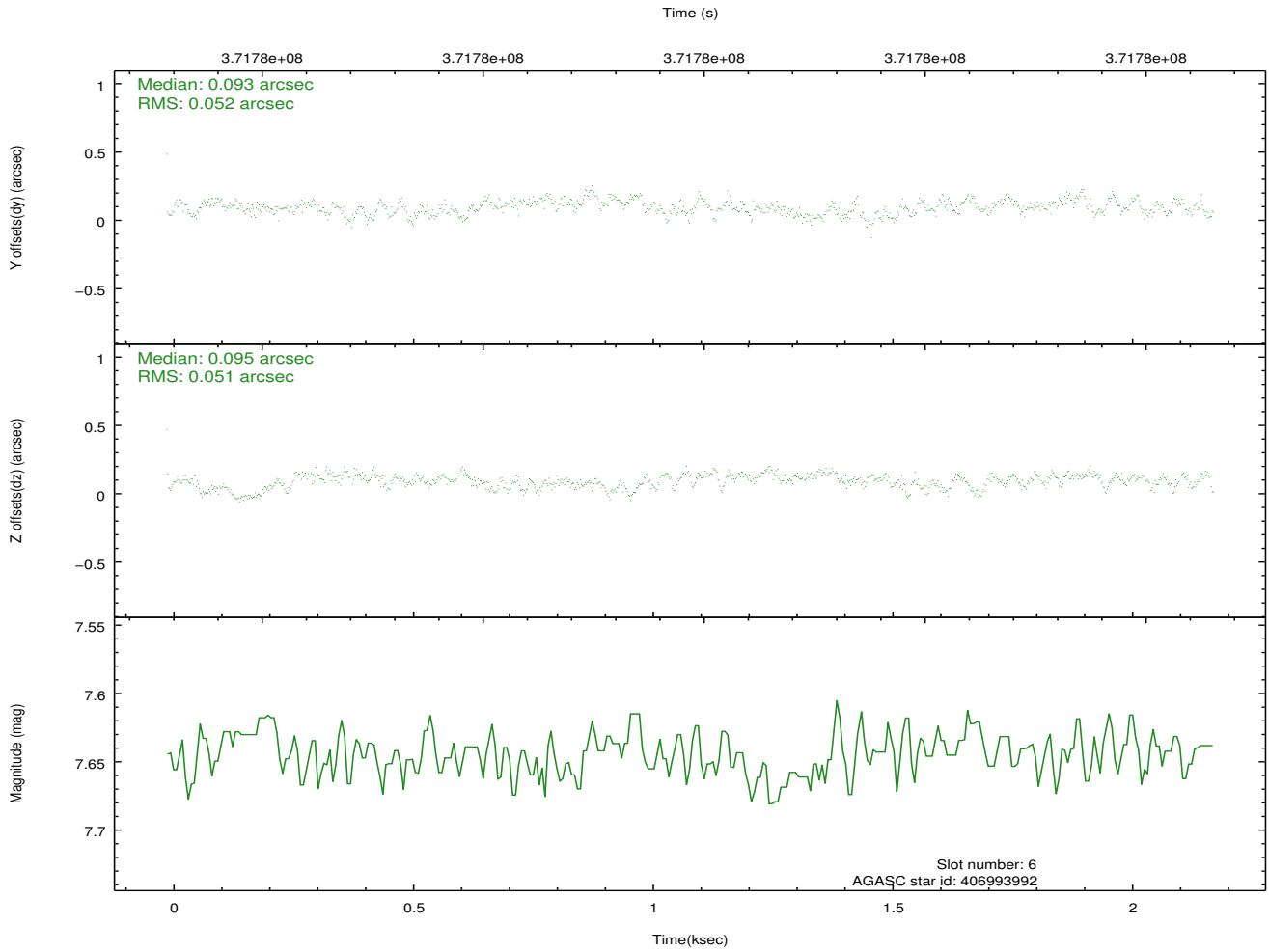
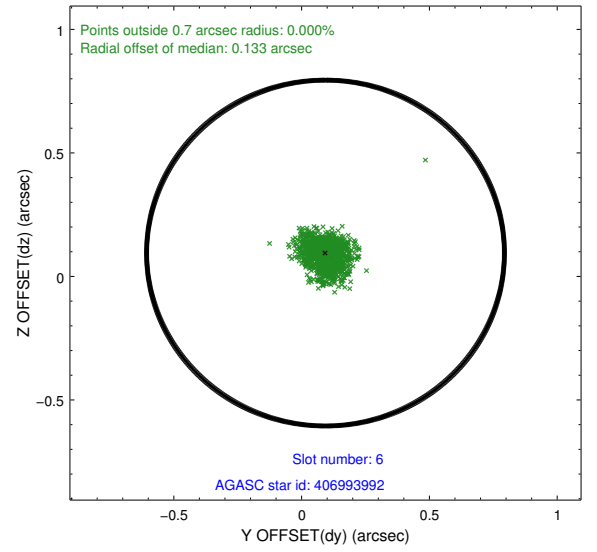
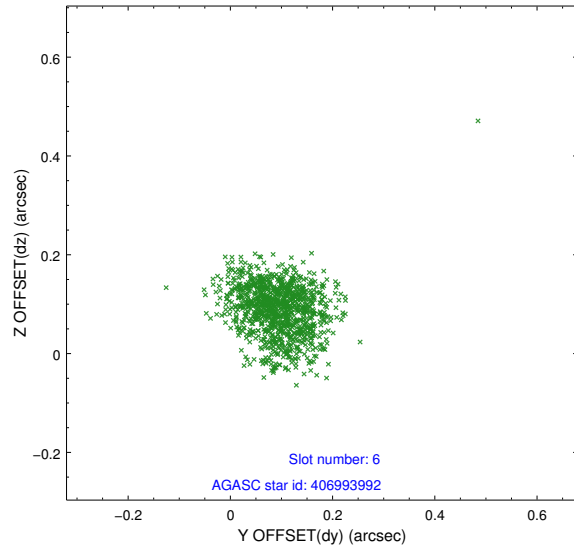
2.4.2 Slot 4



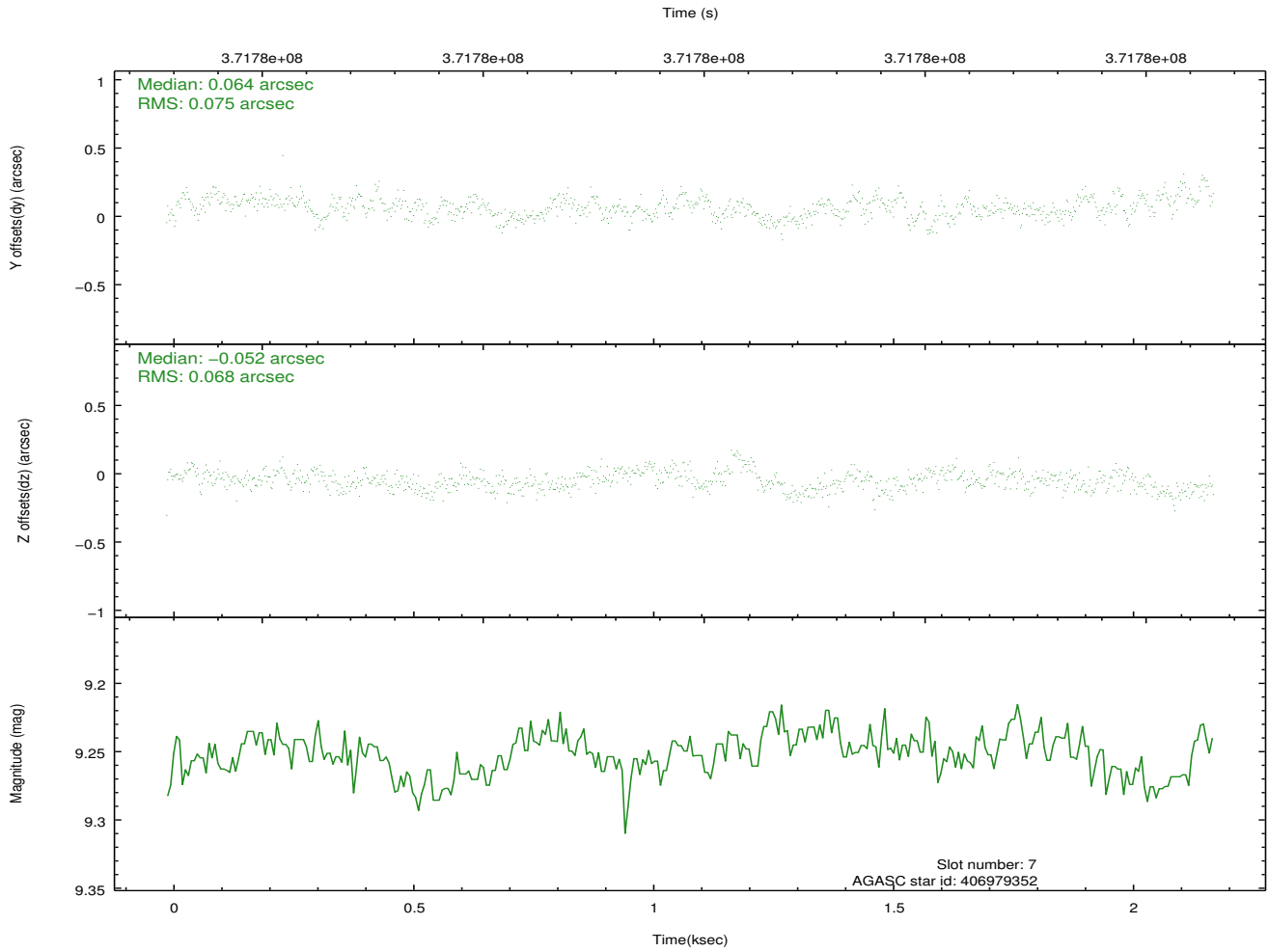
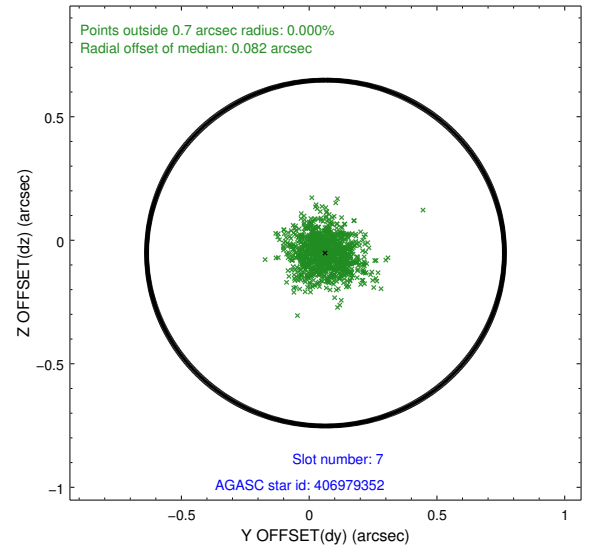
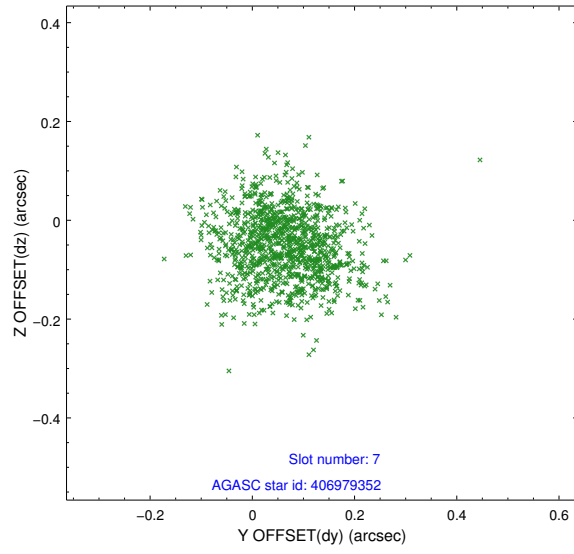
2.4.3 Slot 5



2.4.4 Slot 6

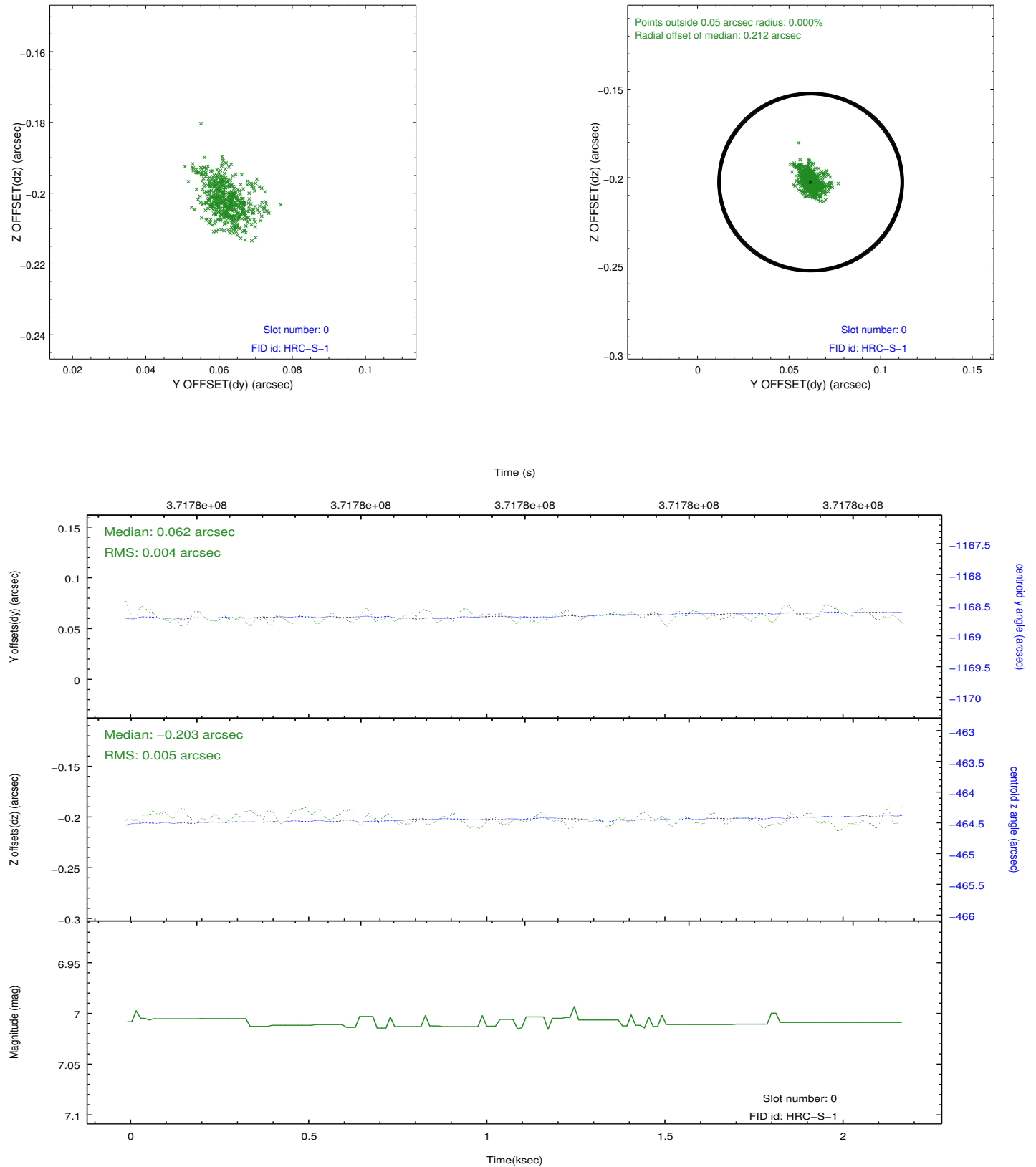


2.4.5 Slot 7

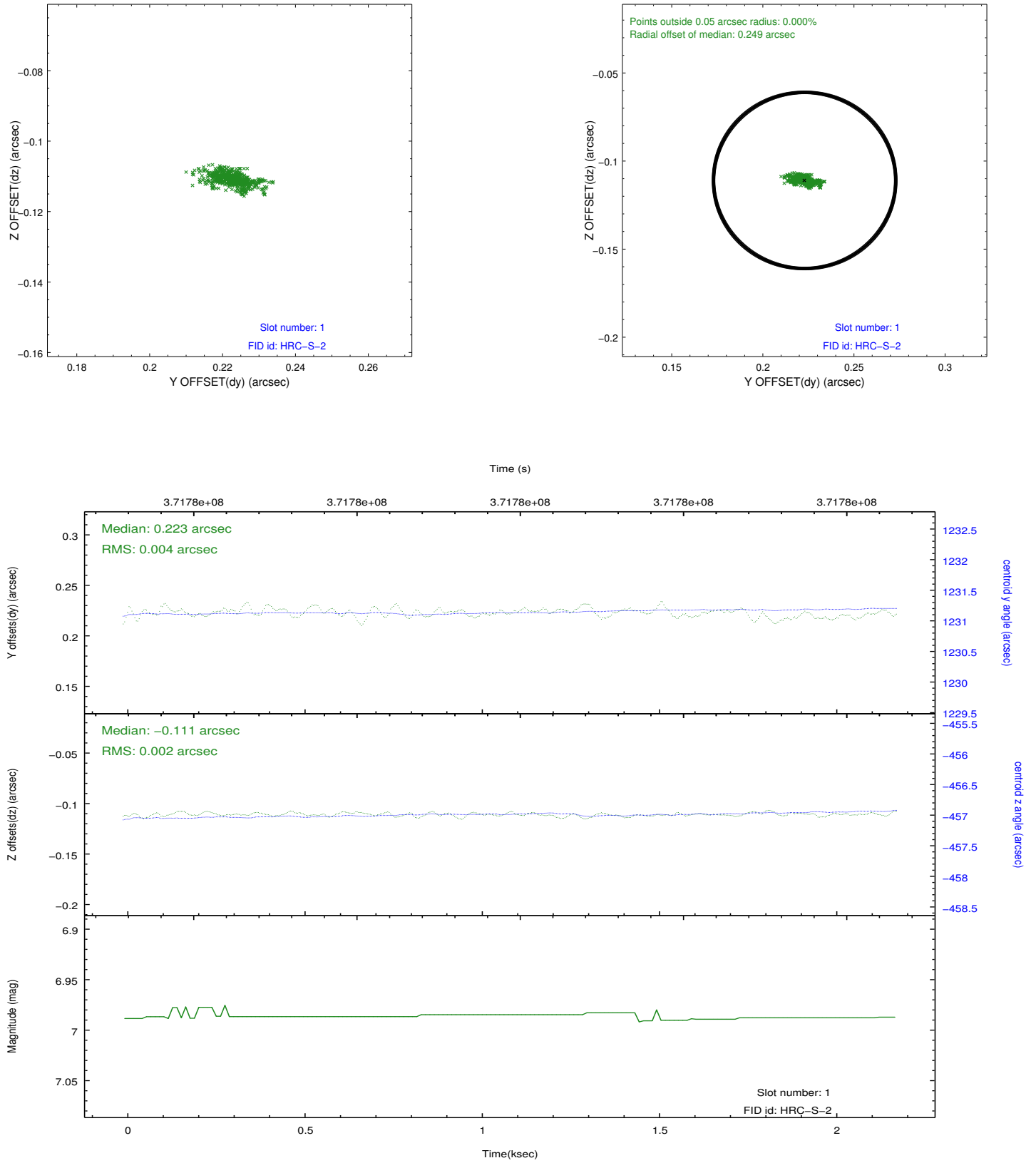


2.5 FID Slots

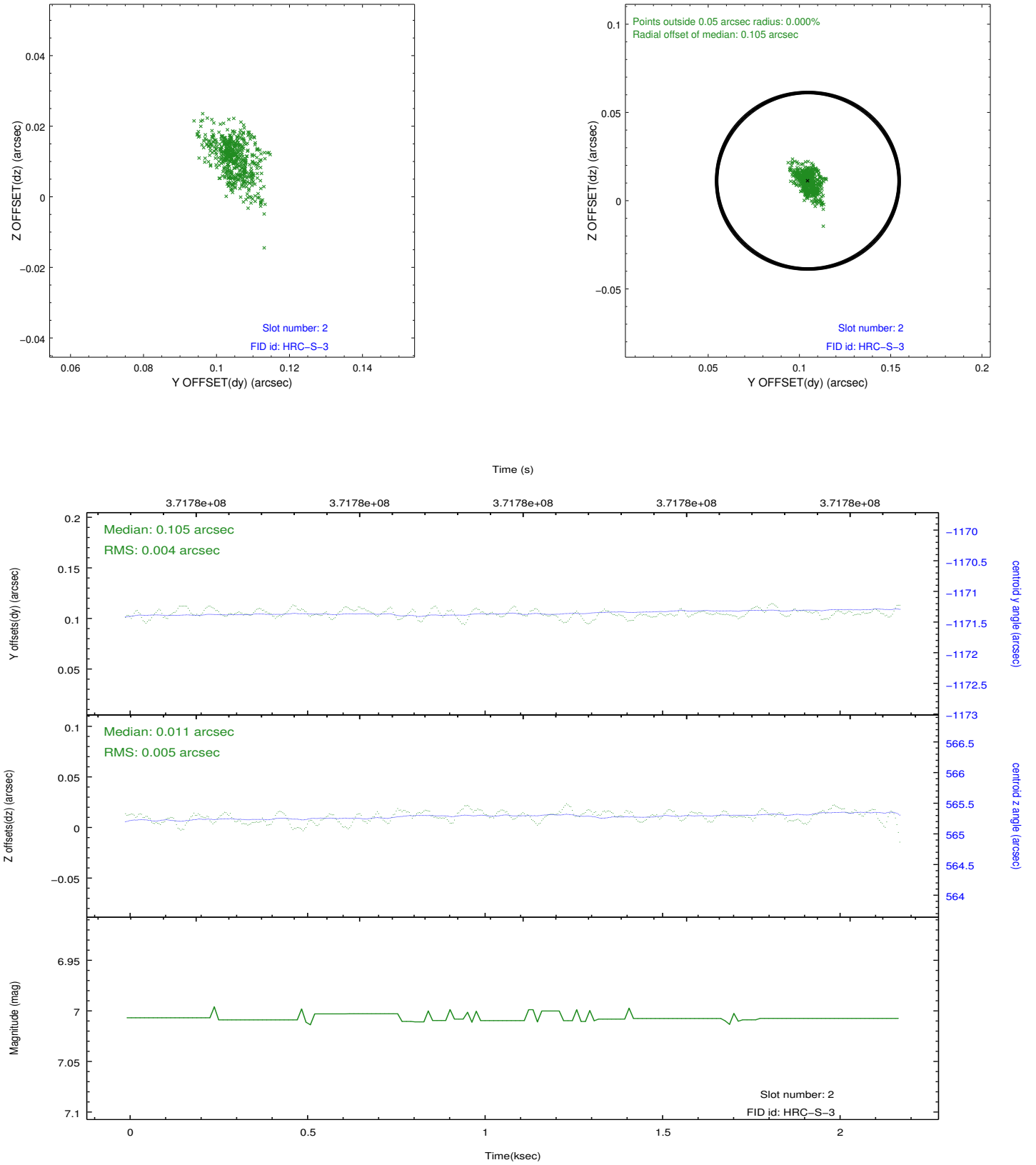
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1822251098156

A.2 Comments

Window preference met.