

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10635 - L2 Version 3
Chandra X-Ray Center

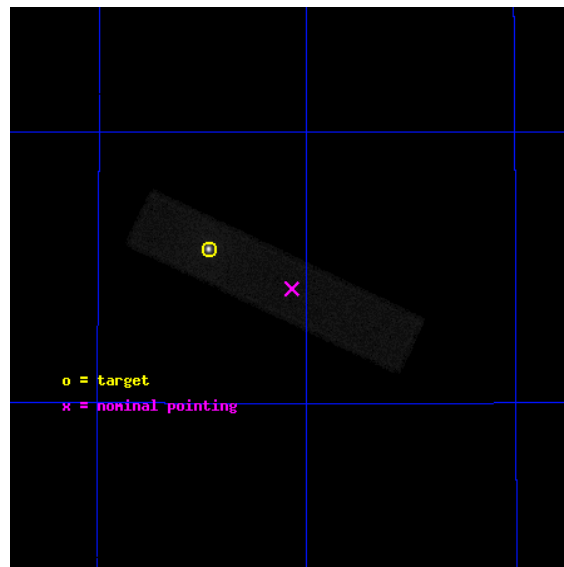
L2 Processing Date : Aug 13 2012

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1 Front

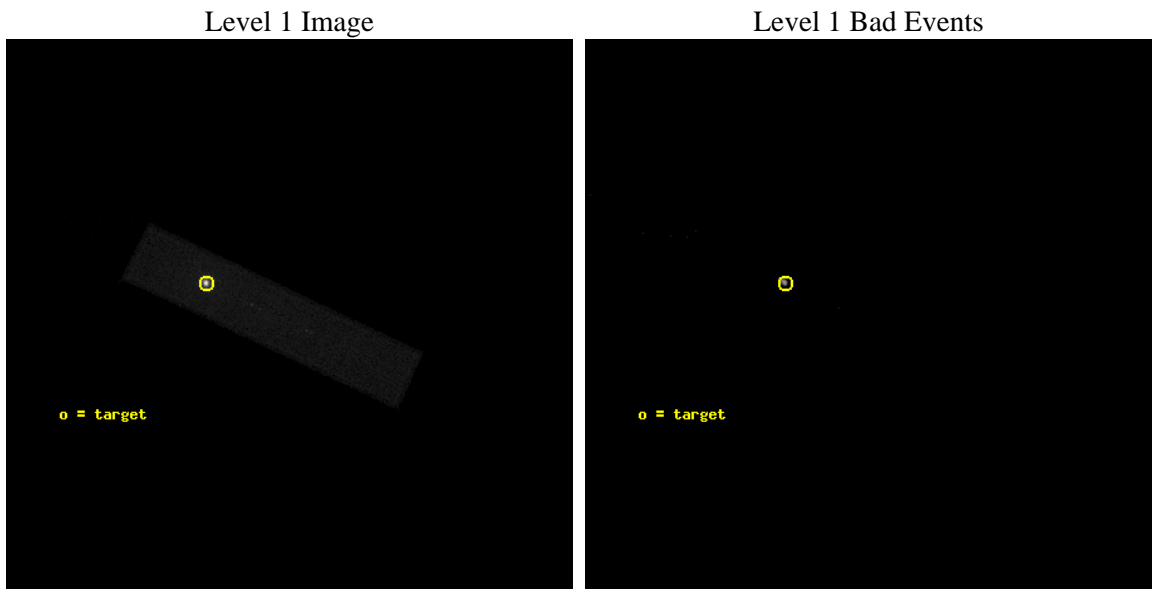
seq_num	290871	Sequence number
obs_id	10635	Observation id
title	AO-10 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.03551500786	Nominal RA [deg]
dec_nom	38.711697366958	Nominal Dec [deg]
roll_nom	205.07963883071	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2190.6813596487	[s]
livetime	1678.3532221616	Ontime multiplied by DTCOR
l2events	380264	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	2190.6813596487	[s]
caldsver	4.5.1.1	 	l1events	454394	Number of level 1 events
date	2012-08-13T10:11:51	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

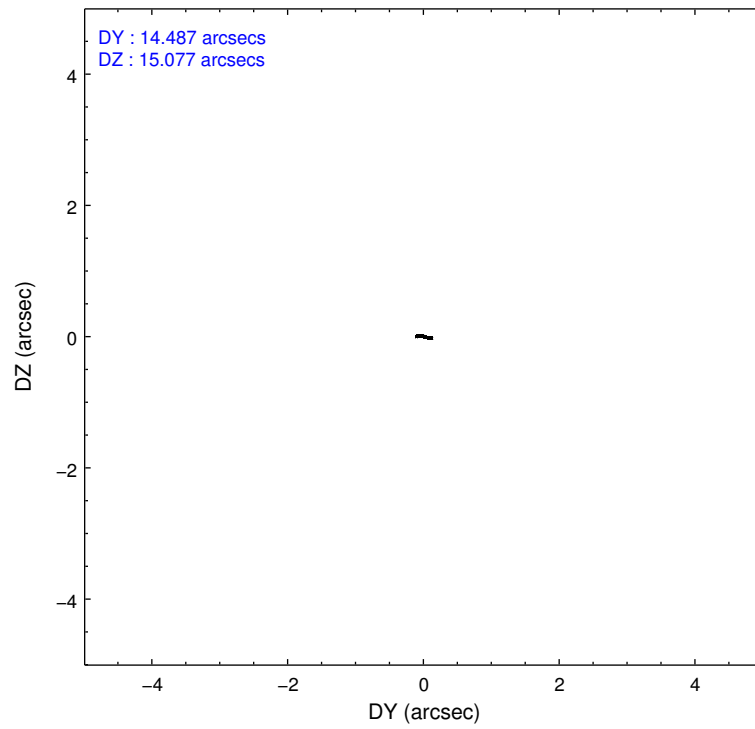
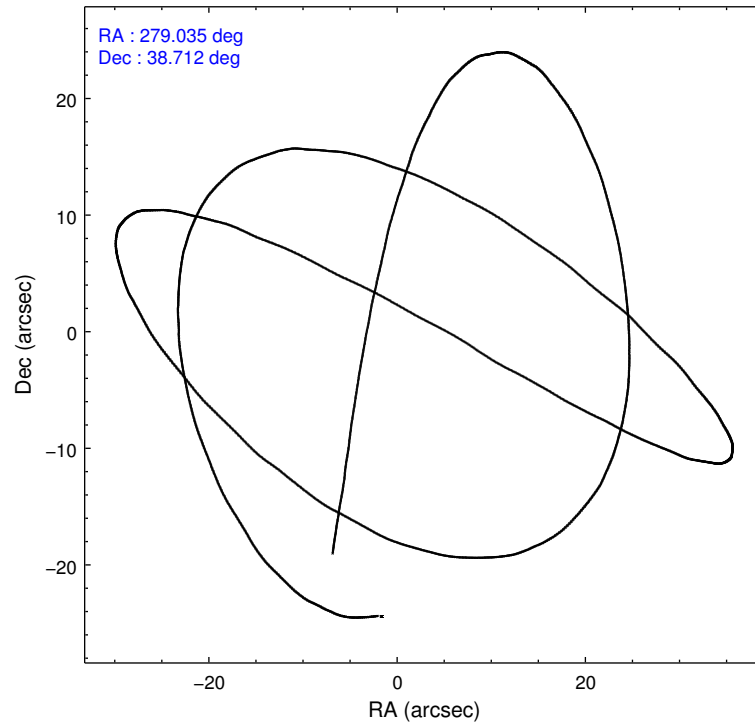
	segment 1	segment 2	segment 3
level 1 events	6479	447165	750
rejected events	6435	43236	750
rejected %	99%	9%	100%

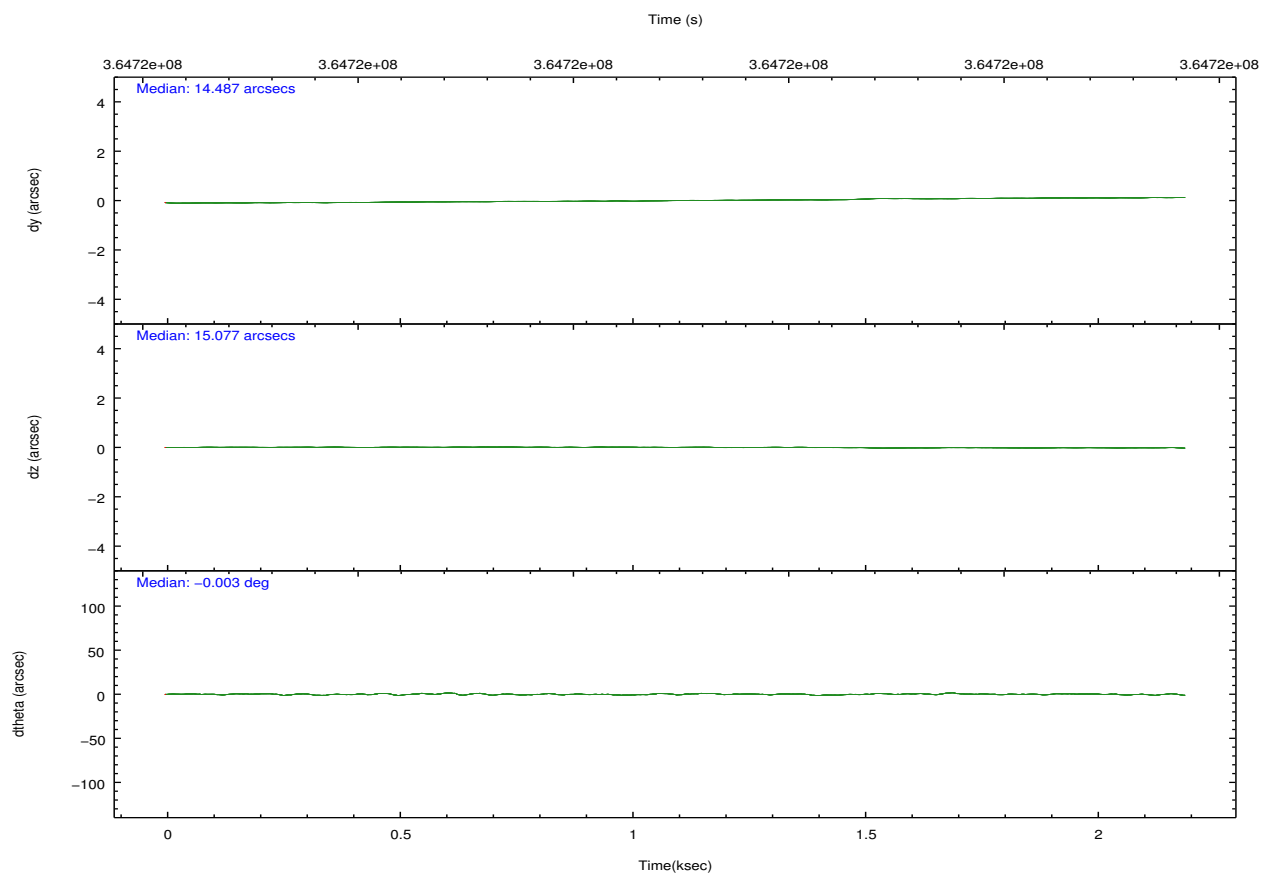
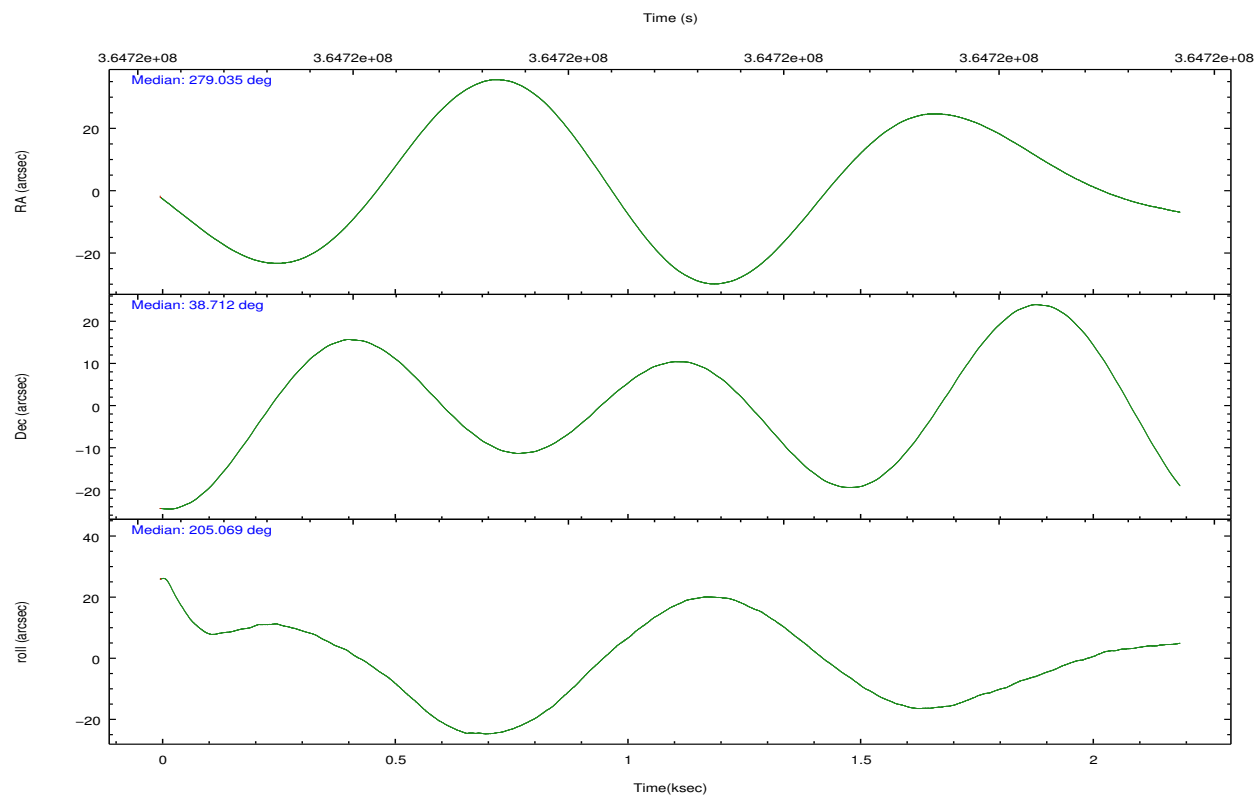
2.2 Compared Parameters

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	279.055206	279.0355150078574
[deg] Pointing Dec	38.735860	38.71169736695768
[deg] Pointing Roll	204.999831	205.0796388307089
[s] Window start time (MET)	360201666.184000	360201666.184000
[s] Window stop time (MET)	368064066.184000	368064066.184000
[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)	364719834.184000	364719457.83403
Observation start date	2009-07-23T07:02:48	2009-07-23T06:57:37
[s] Observation end time (MET)	364721834.184000	364721968.05915
Observation end date	2009-07-23T07:36:08	2009-07-23T07:39:28

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

2.3 Aspect



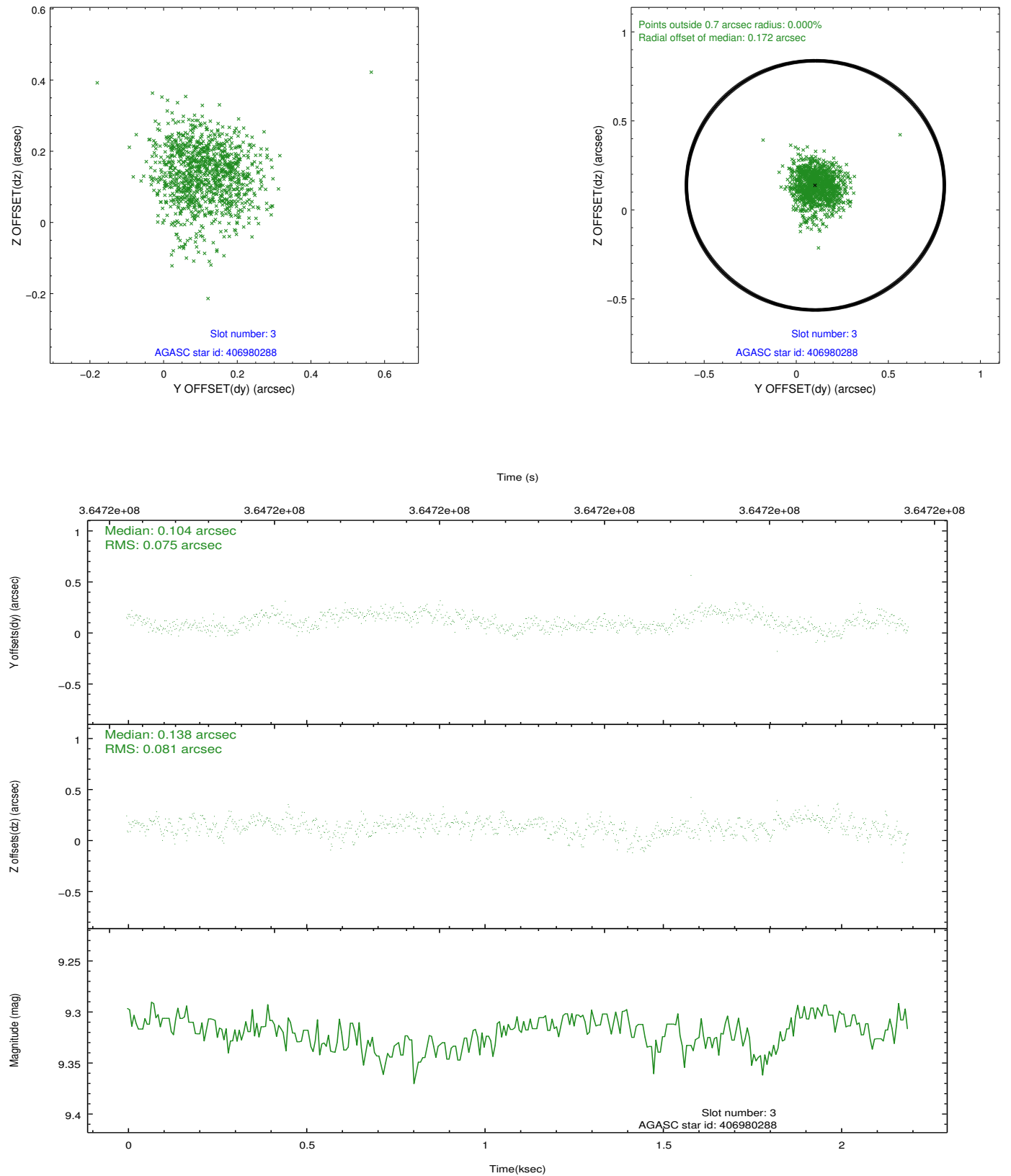


Slot Statistics

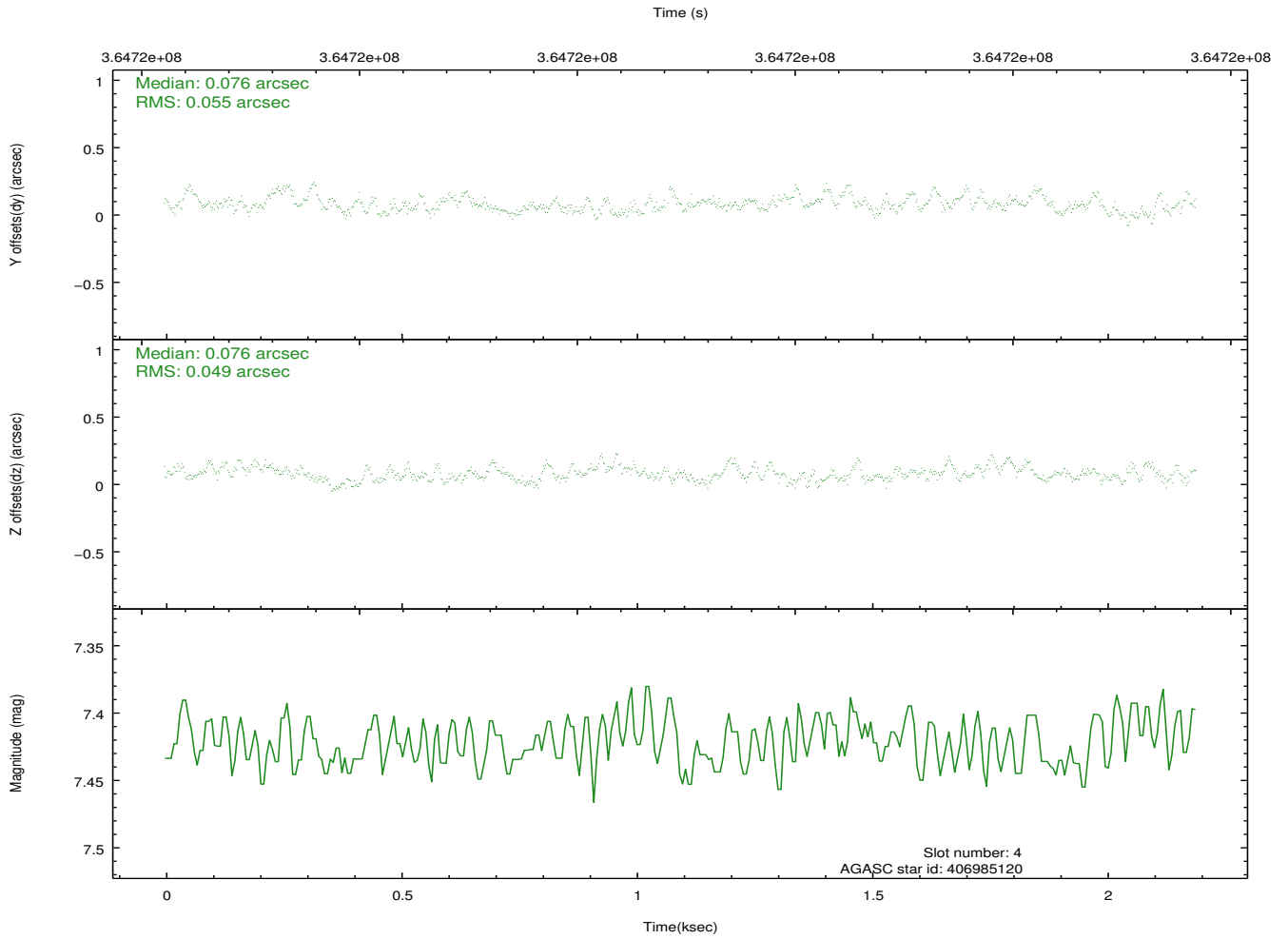
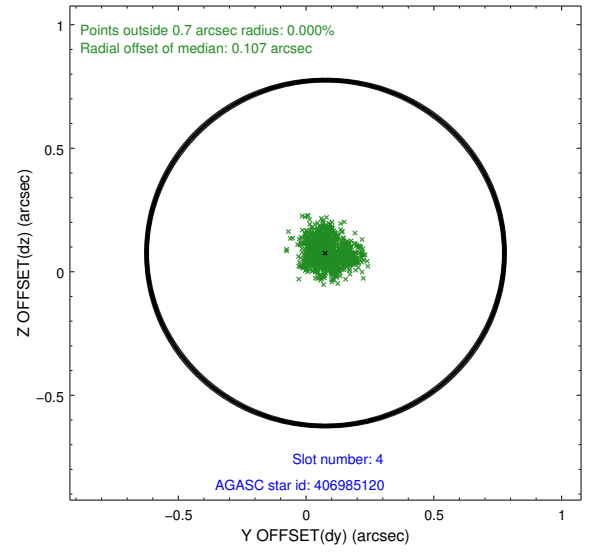
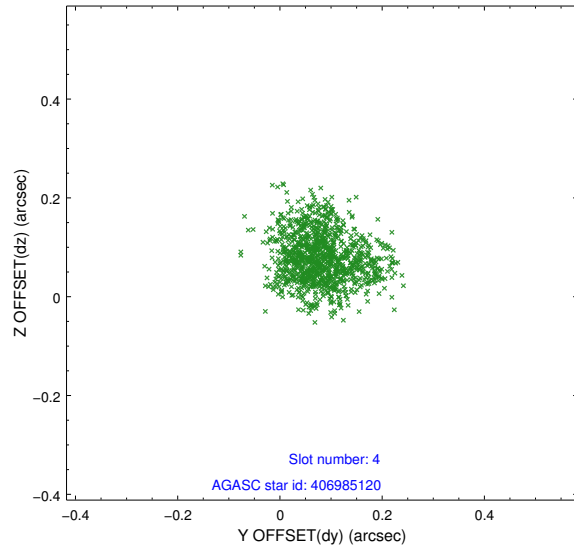
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	535	0.077	-0.225	0.006	0.011	0.000000	0.000000	-1168.88	-463.98
1	FID	HRC-S-2	7.00	535	0.207	-0.111	0.005	0.010	0.000000	0.000000	1228.73	-457.39
2	FID	HRC-S-3	7.02	535	0.105	0.034	0.007	0.012	0.000000	0.000000	-1169.26	564.94
3	GUIDE	406980288	9.32	1065	0.104	0.138	0.114	0.191	278.903147	39.061646	-112.38	-1243.50
4	GUIDE	406985120	7.42	1068	0.076	0.076	0.080	0.127	278.839732	38.894839	305.38	-774.82
5	GUIDE	406987272	6.92	1070	-0.186	-0.170	0.062	0.096	278.536588	38.437504	1777.89	351.29
6	GUIDE	406989616	8.22	1069	0.081	0.050	0.087	0.131	279.202881	38.520843	-48.17	878.10
7	GUIDE	406993992	7.62	1069	-0.085	-0.089	0.078	0.123	279.053714	38.034587	1070.17	2288.31

2.4 Star Slots

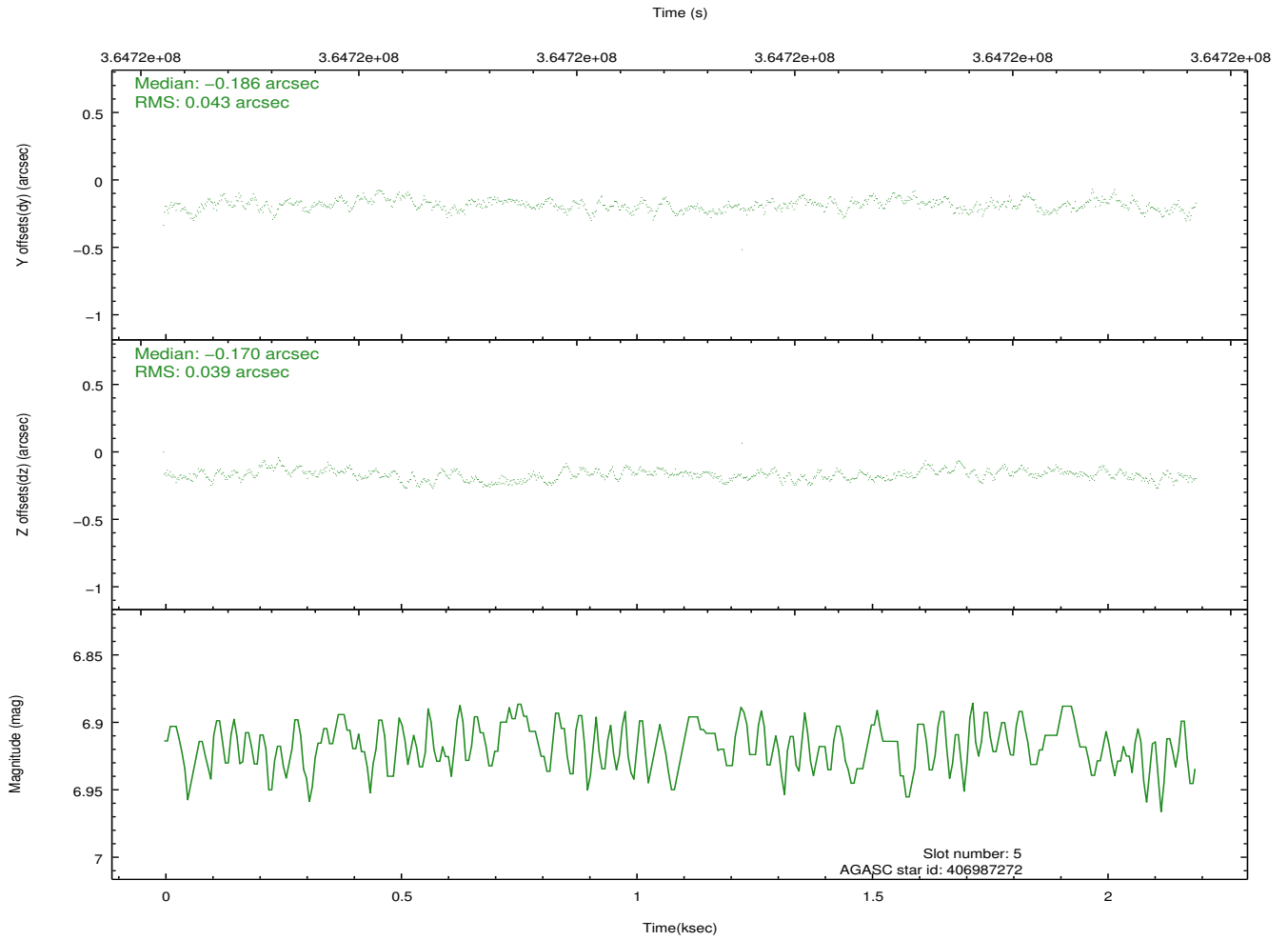
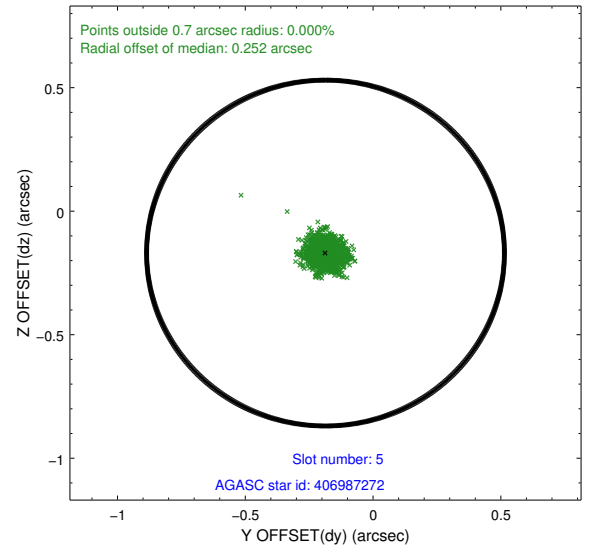
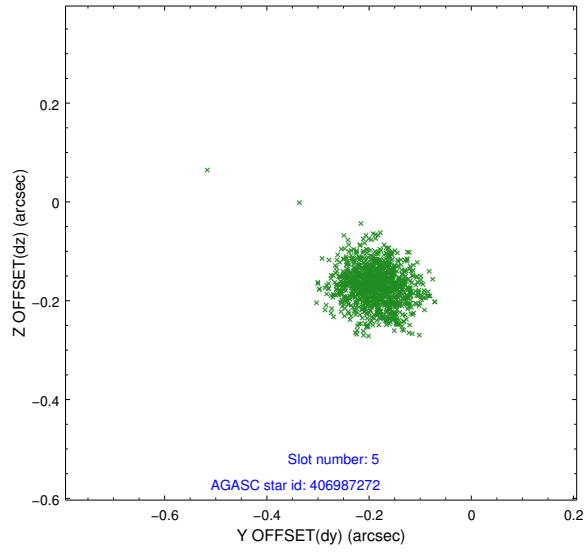
2.4.1 Slot 3



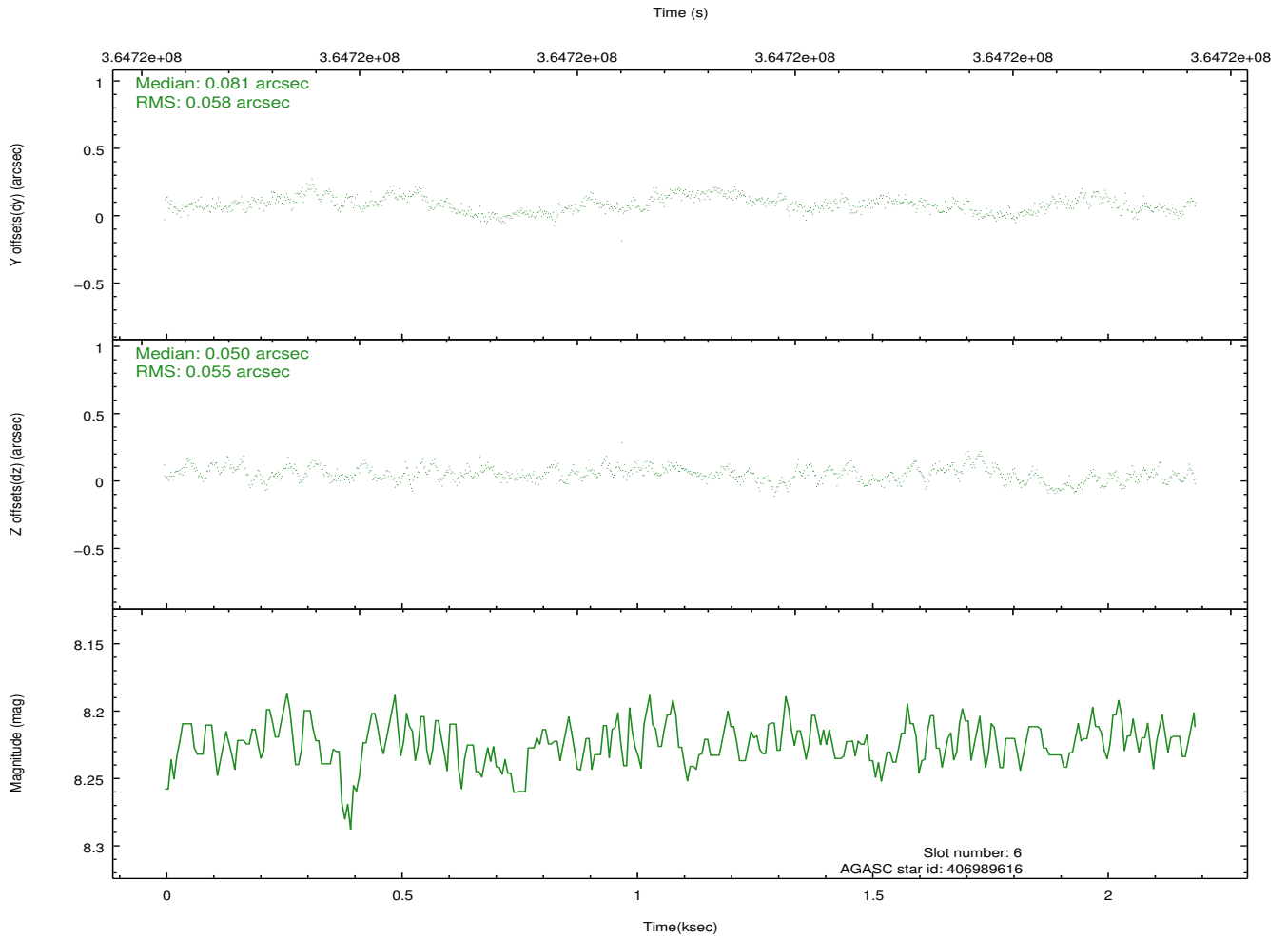
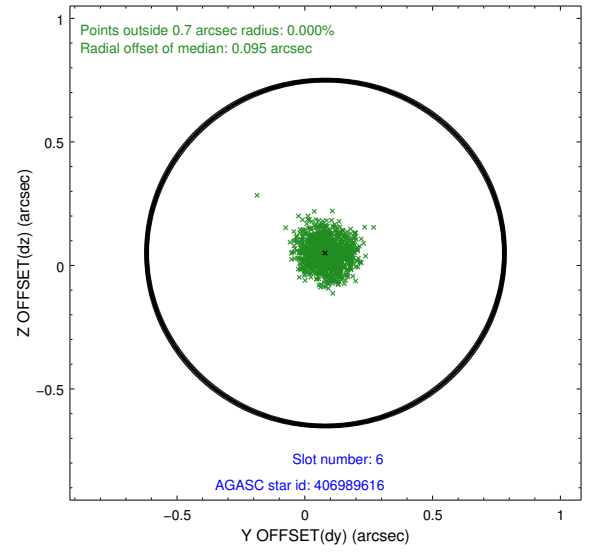
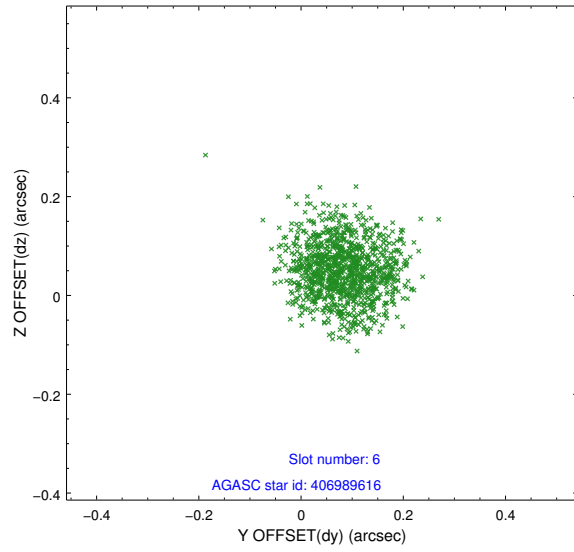
2.4.2 Slot 4



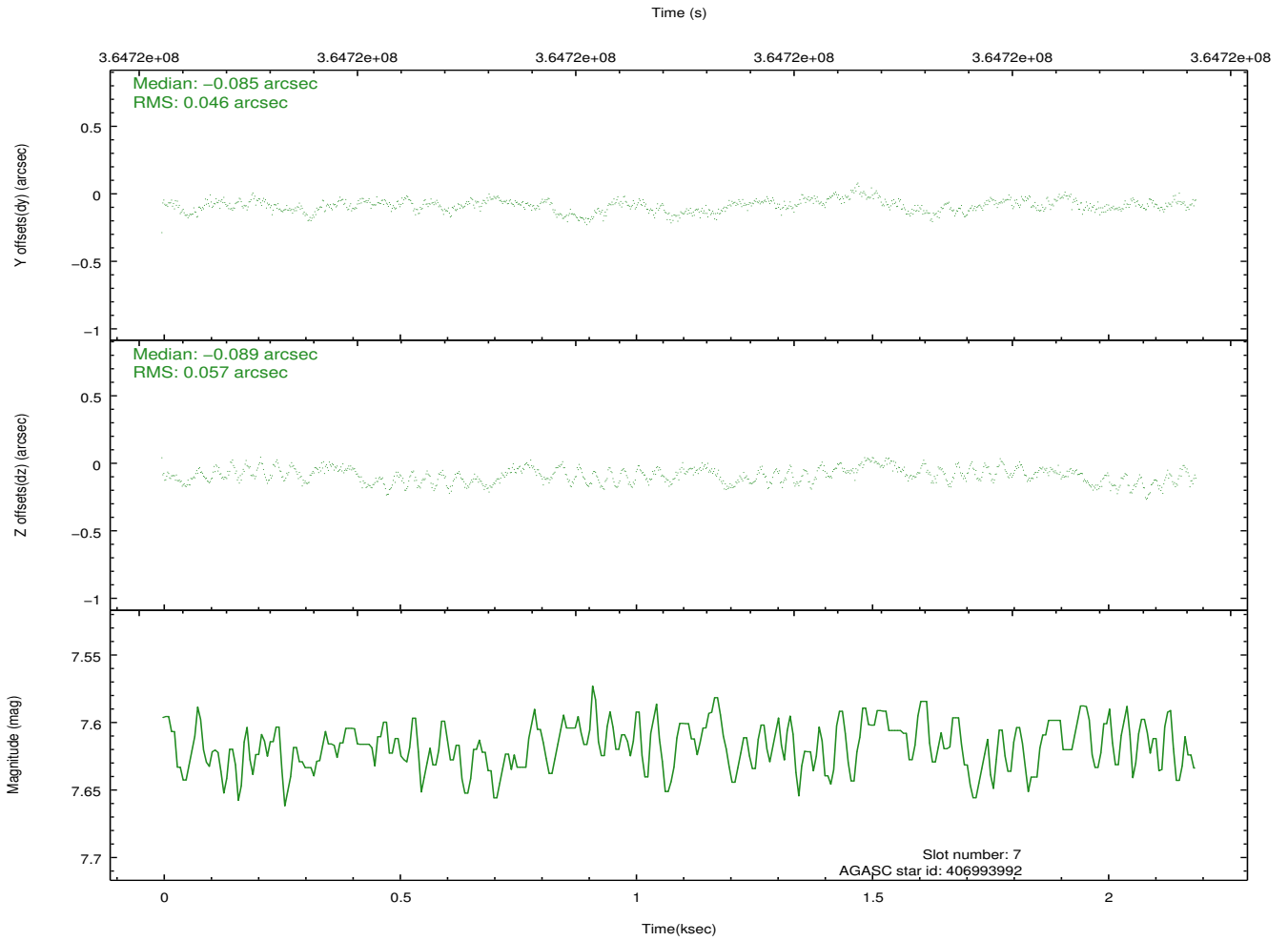
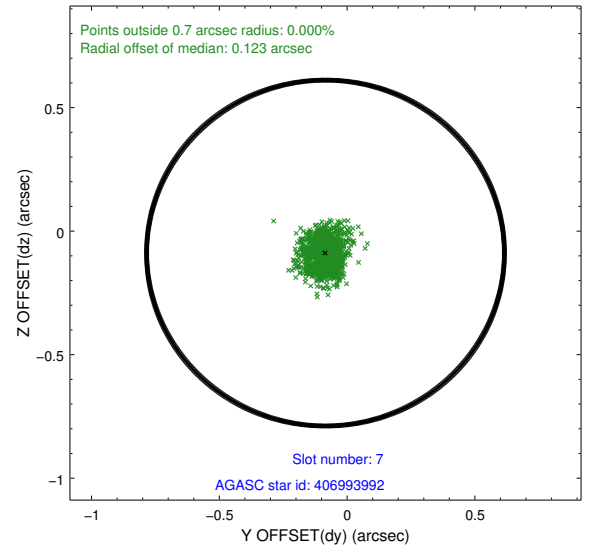
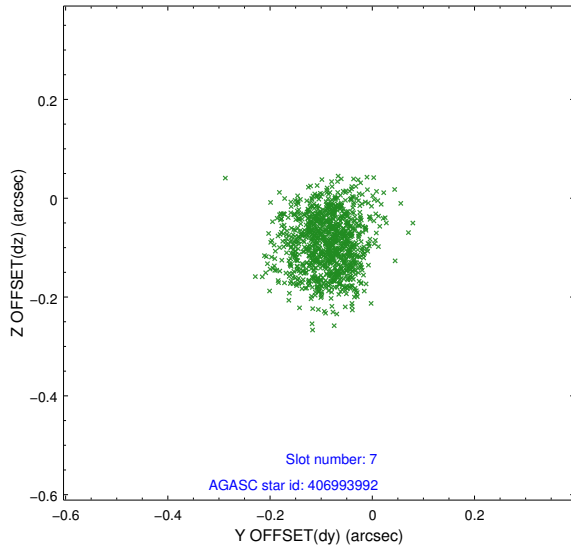
2.4.3 Slot 5



2.4.4 Slot 6

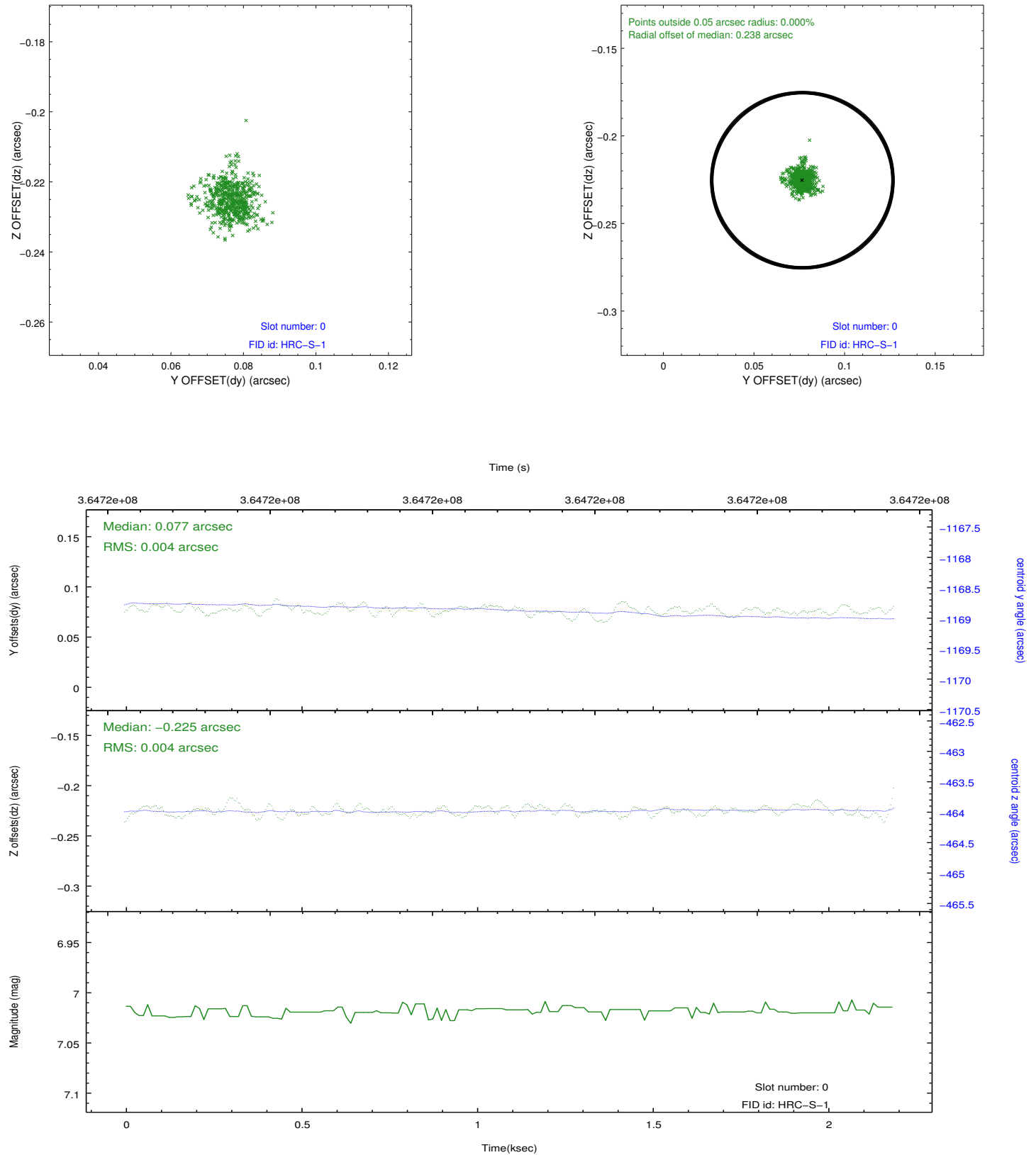


2.4.5 Slot 7

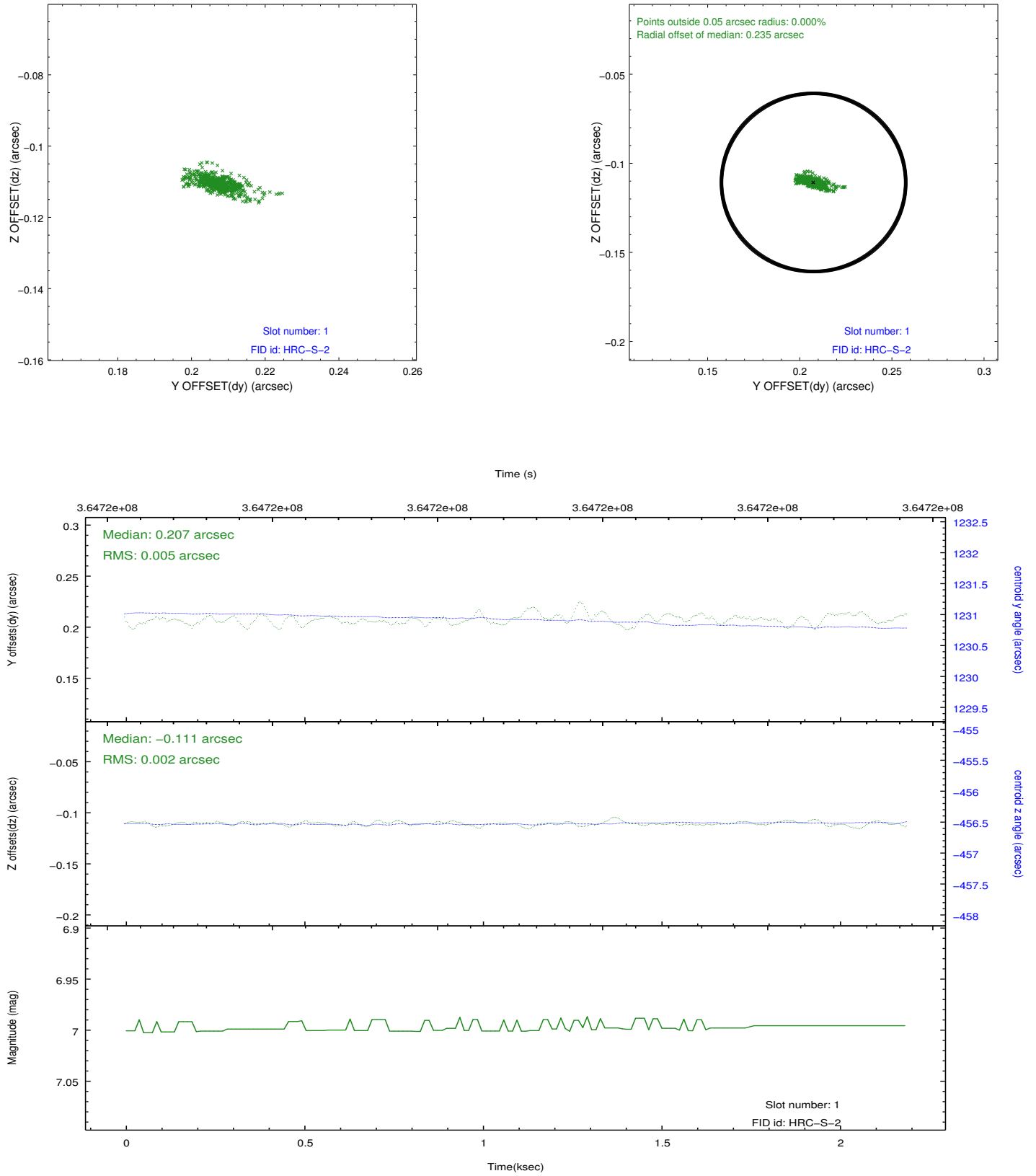


2.5 FID Slots

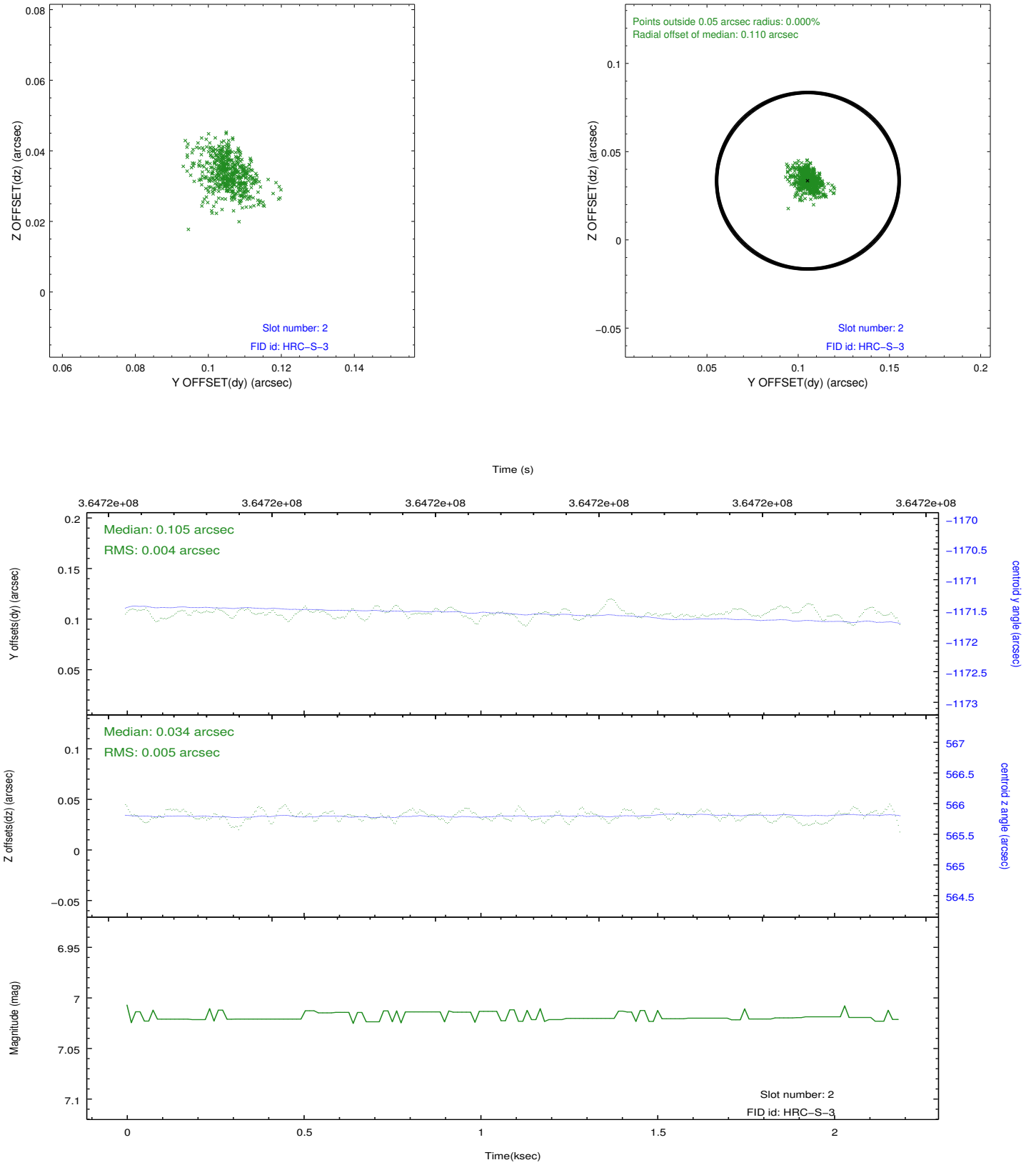
2.5.1 Slot 0



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)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1906813595295

A.2 Comments

Window preference met.