

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8295 - L2 Version 3
Chandra X-Ray Center

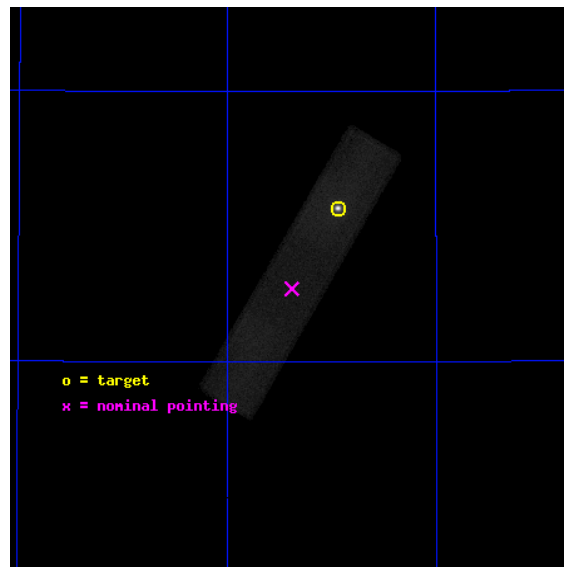
L2 Processing Date : Aug 12 2012

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1 Front

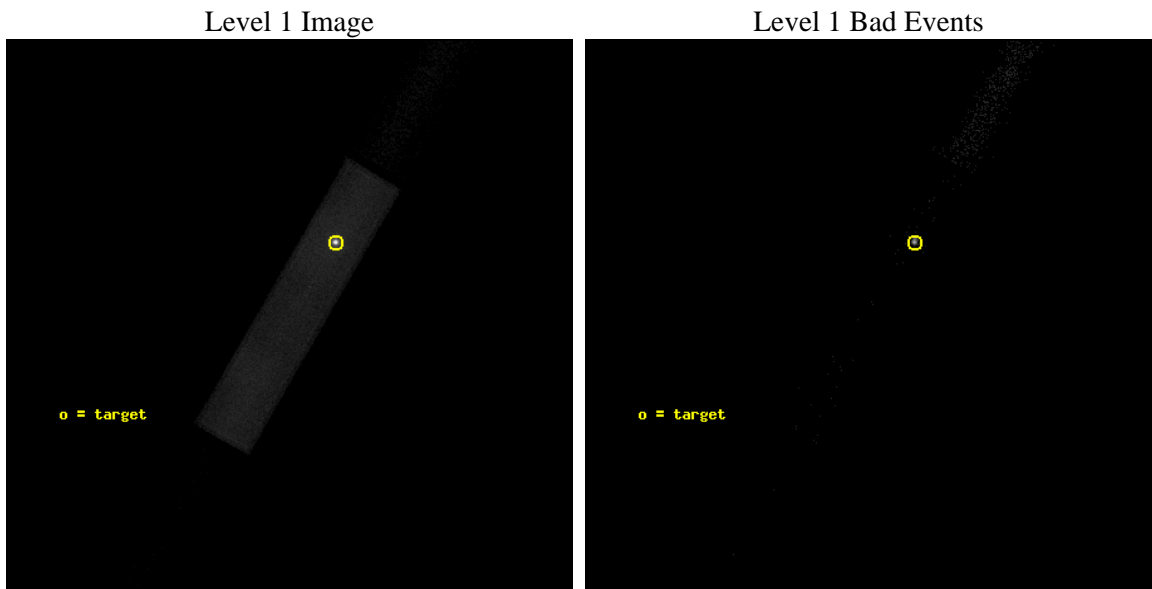
seq_num	290674	Sequence number
obs_id	8295	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.34512656415	Nominal RA [deg]
dec_nom	38.635462977305	Nominal Dec [deg]
roll_nom	300.13243218635	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2159.9313540459	[s]
livetime	1378.9347302725	Ontime multiplied by DTCOR
l2events	378841	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2159.9313540459	[s]
caldbver	4.5.1.1	 	l1events	462210	Number of level 1 events
date	2012-08-12T06:31:03	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

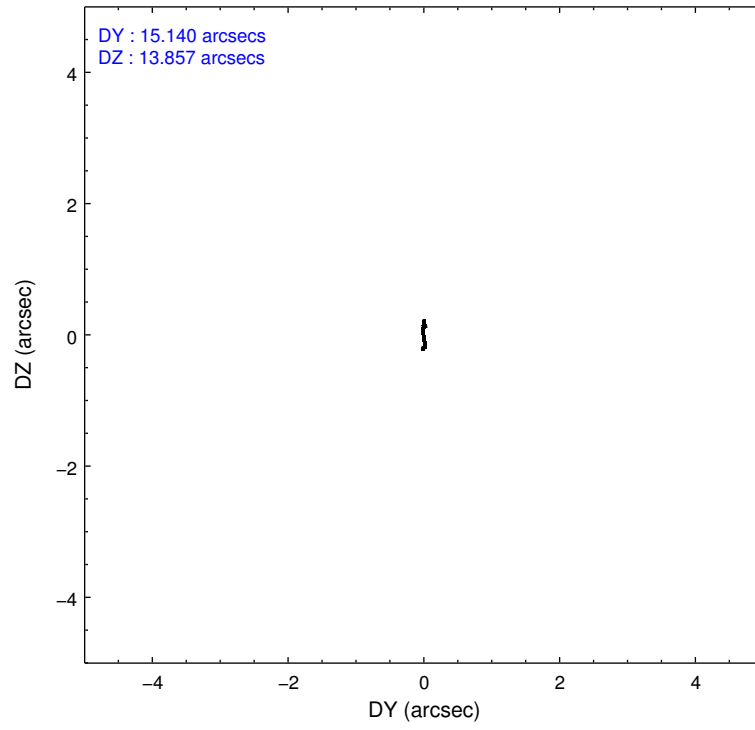
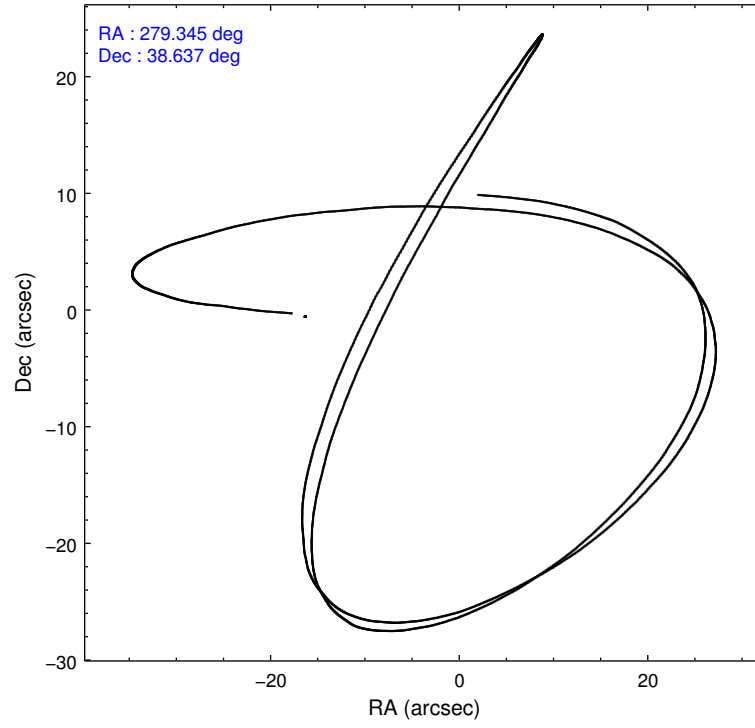
	segment 1	segment 2	segment 3
level 1 events	15755	444449	2006
rejected events	15656	46178	2006
rejected %	99%	10%	100%

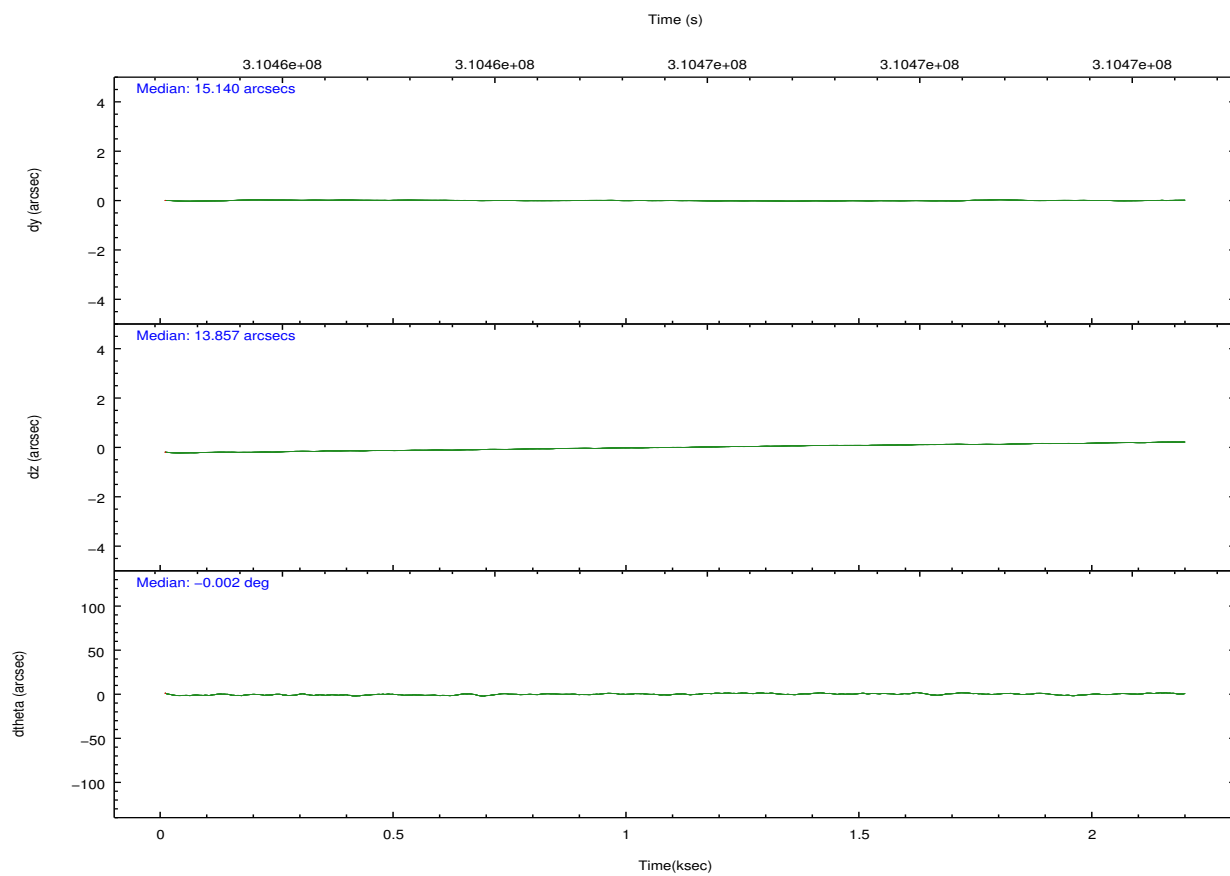
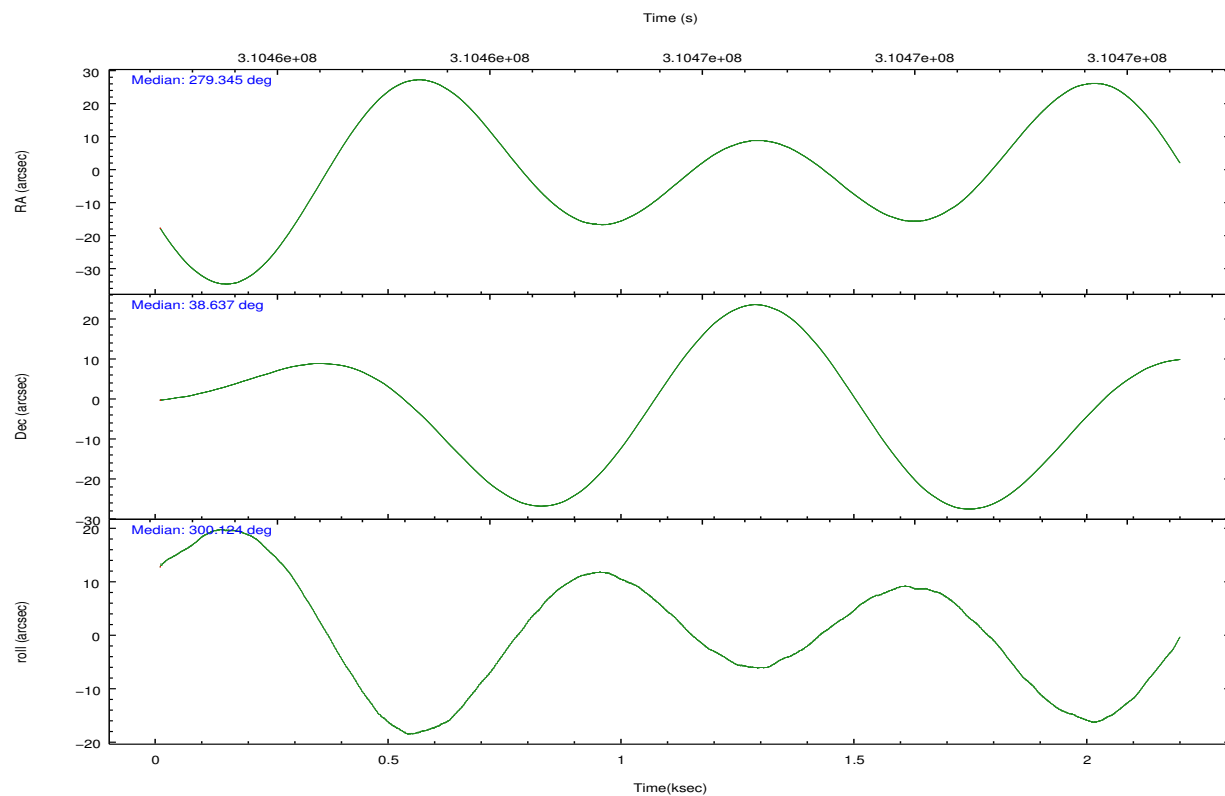
2.2 Compared Parameters

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	279.312357	279.3451265641508
[deg] Pointing Dec	38.648466	38.63546297730512
[deg] Pointing Roll	300.085575	300.1324321863505
[s] Window start time (MET)	304992065.184000	304992065.184000
[s] Window stop time (MET)	312768065.184000	312768065.184000
[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)	310464520.184000	310464144.12043
Observation start date	2007-11-03T08:07:35	2007-11-03T08:02:24
[s] Observation end time (MET)	310466520.184000	310466653.83305
Observation end date	2007-11-03T08:40:55	2007-11-03T08:44:13

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

2.3 Aspect



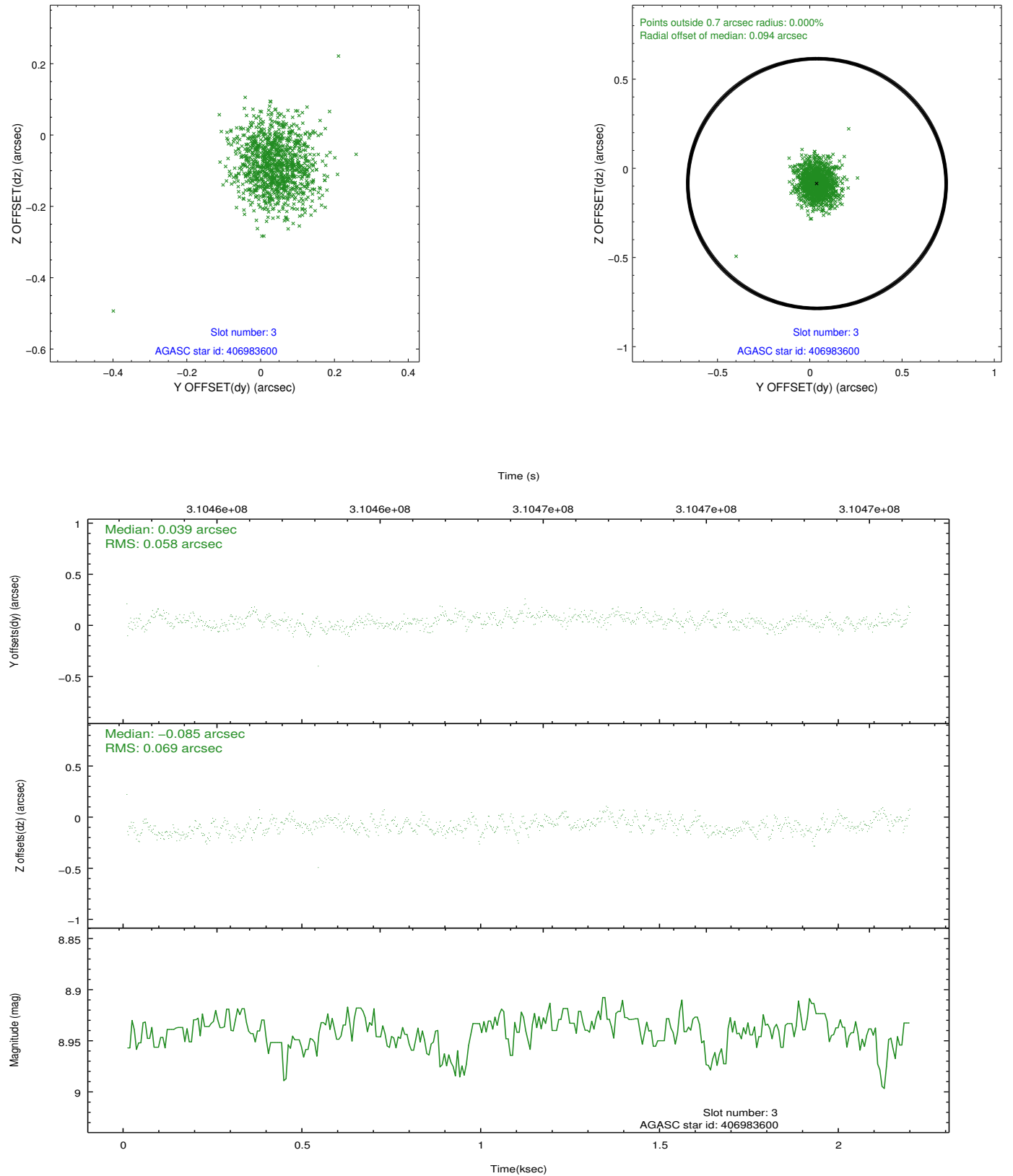


Slot Statistics

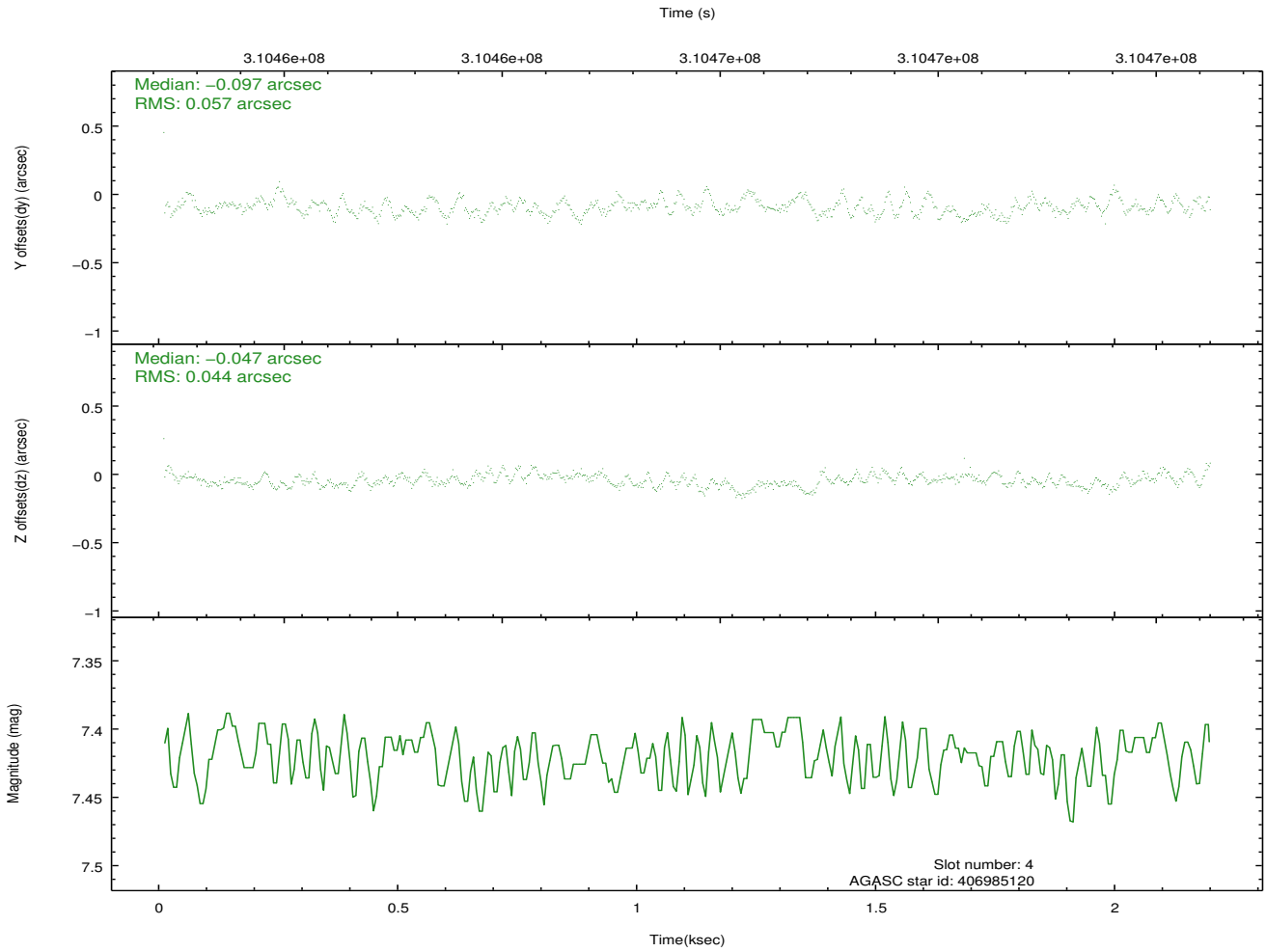
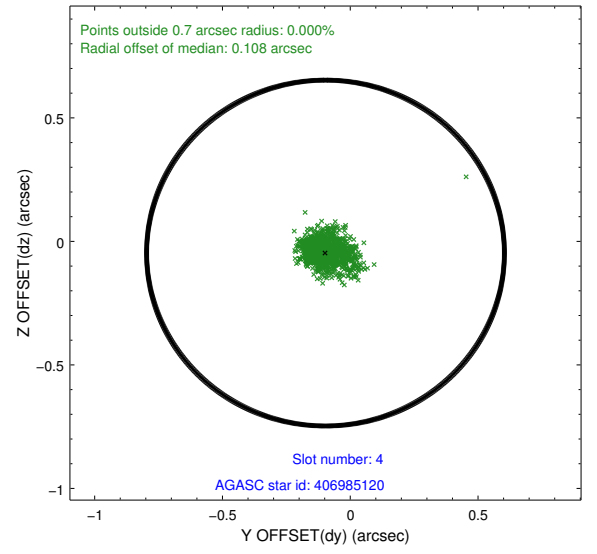
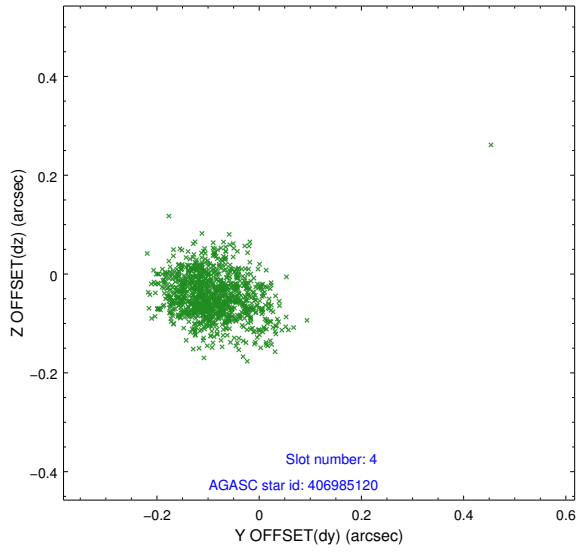
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.96	535	0.173	-0.119	0.011	0.022	0.000000	0.000000	1230.20	-455.30
1	FID	HRC-S-3	6.99	535	0.073	-0.082	0.006	0.012	0.000000	0.000000	-1169.96	566.10
2	FID	HRC-S-4	6.93	534	0.160	-0.094	0.011	0.024	0.000000	0.000000	1226.59	570.51
3	GUIDE	406983600	8.94	1069	0.039	-0.085	0.094	0.153	279.940957	39.020708	-282.37	2196.41
4	GUIDE	406985120	7.42	1069	-0.097	-0.047	0.074	0.122	278.839732	38.894839	-1434.09	-697.54
5	GUIDE	406993992	7.64	1069	0.097	0.050	0.063	0.103	279.053714	38.034587	1543.46	-1741.92
6	GUIDE	407521232	8.65	1069	-0.001	0.024	0.088	0.148	279.628883	39.431715	-1998.47	2174.18
7	GUIDE	406987272	6.95	1068	-0.048	0.053	0.058	0.091	278.536588	38.437504	-449.10	-2266.68

2.4 Star Slots

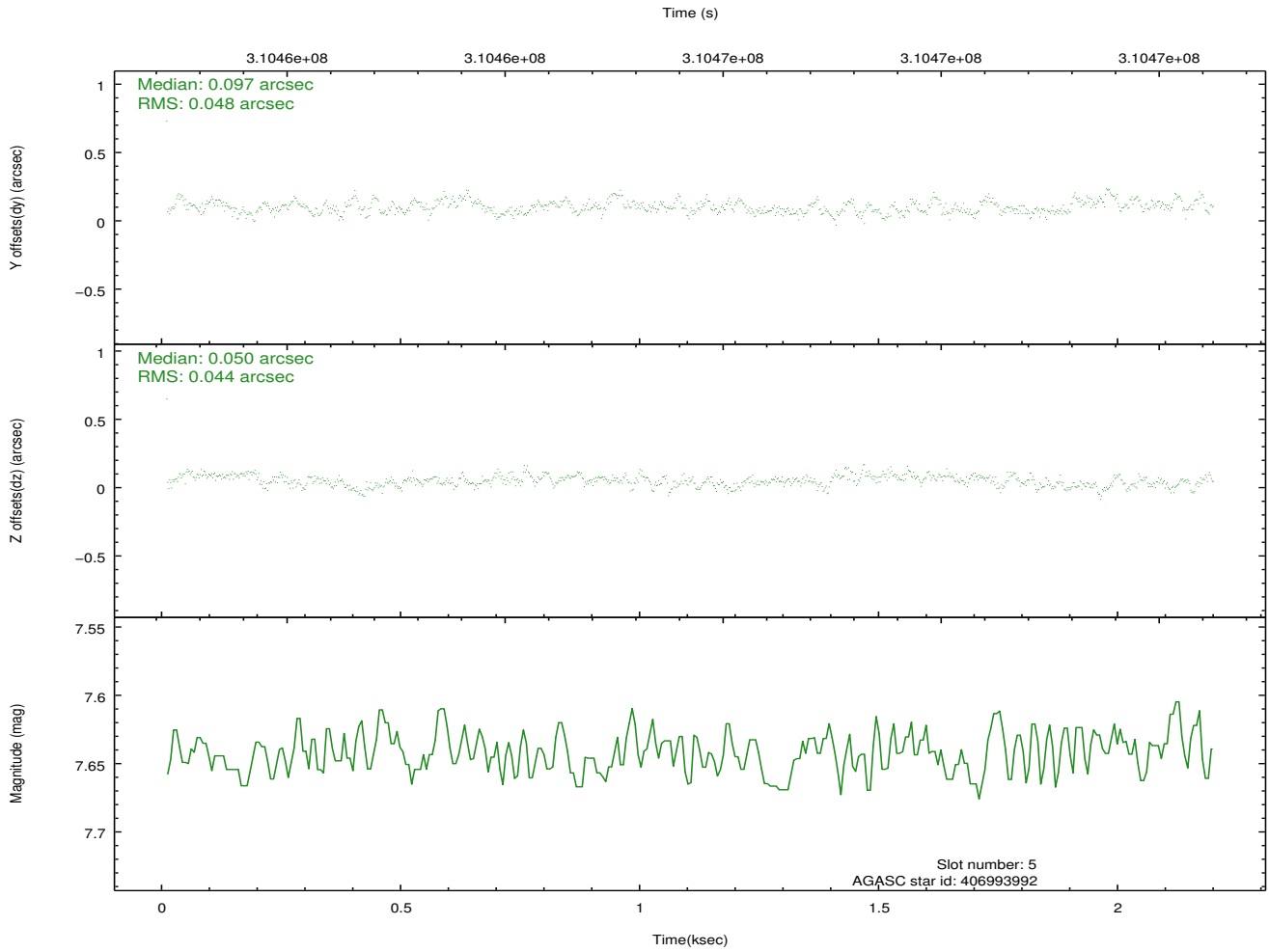
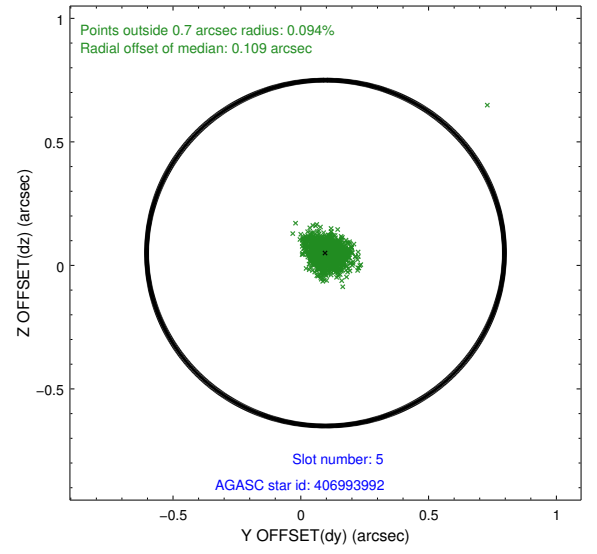
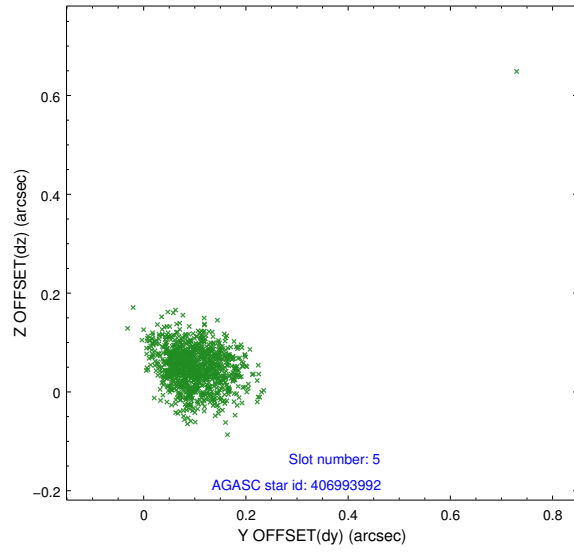
2.4.1 Slot 3



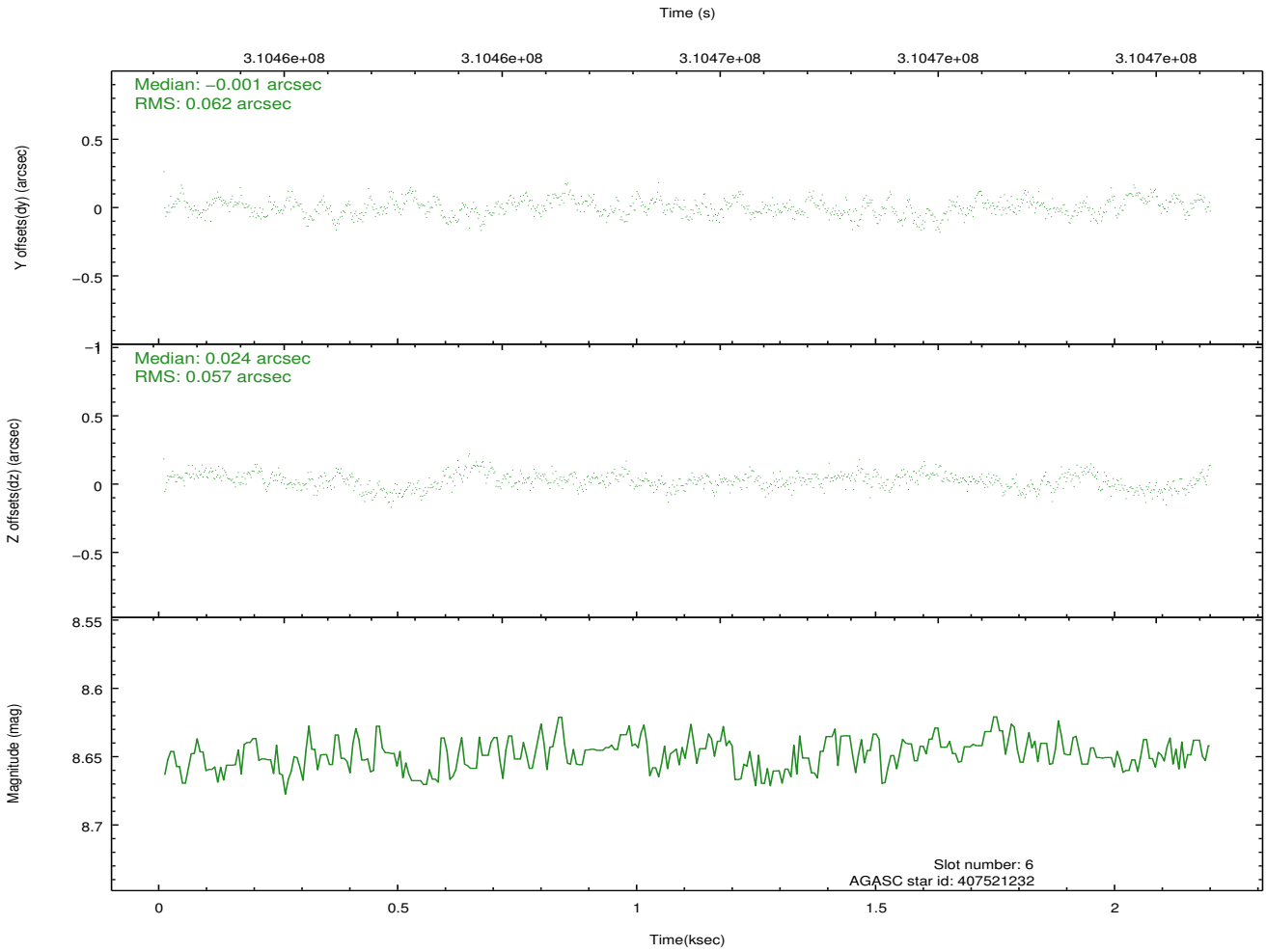
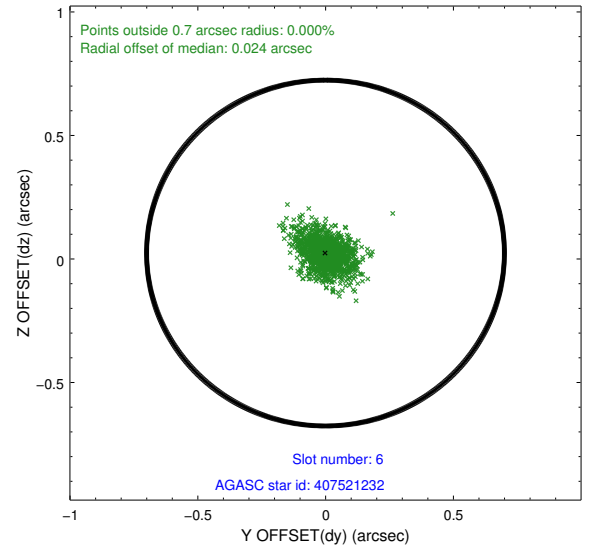
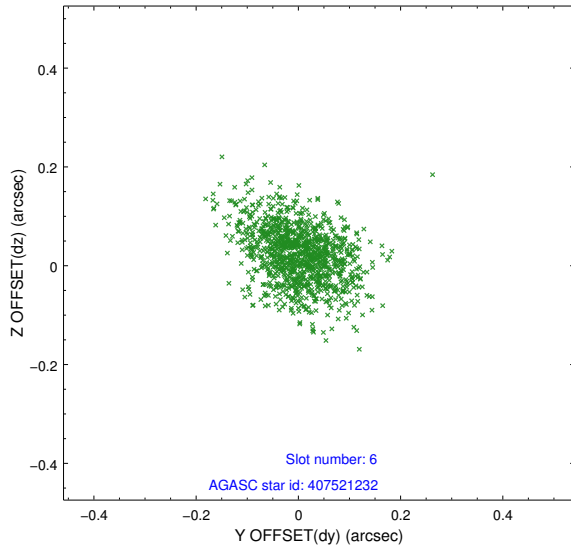
2.4.2 Slot 4



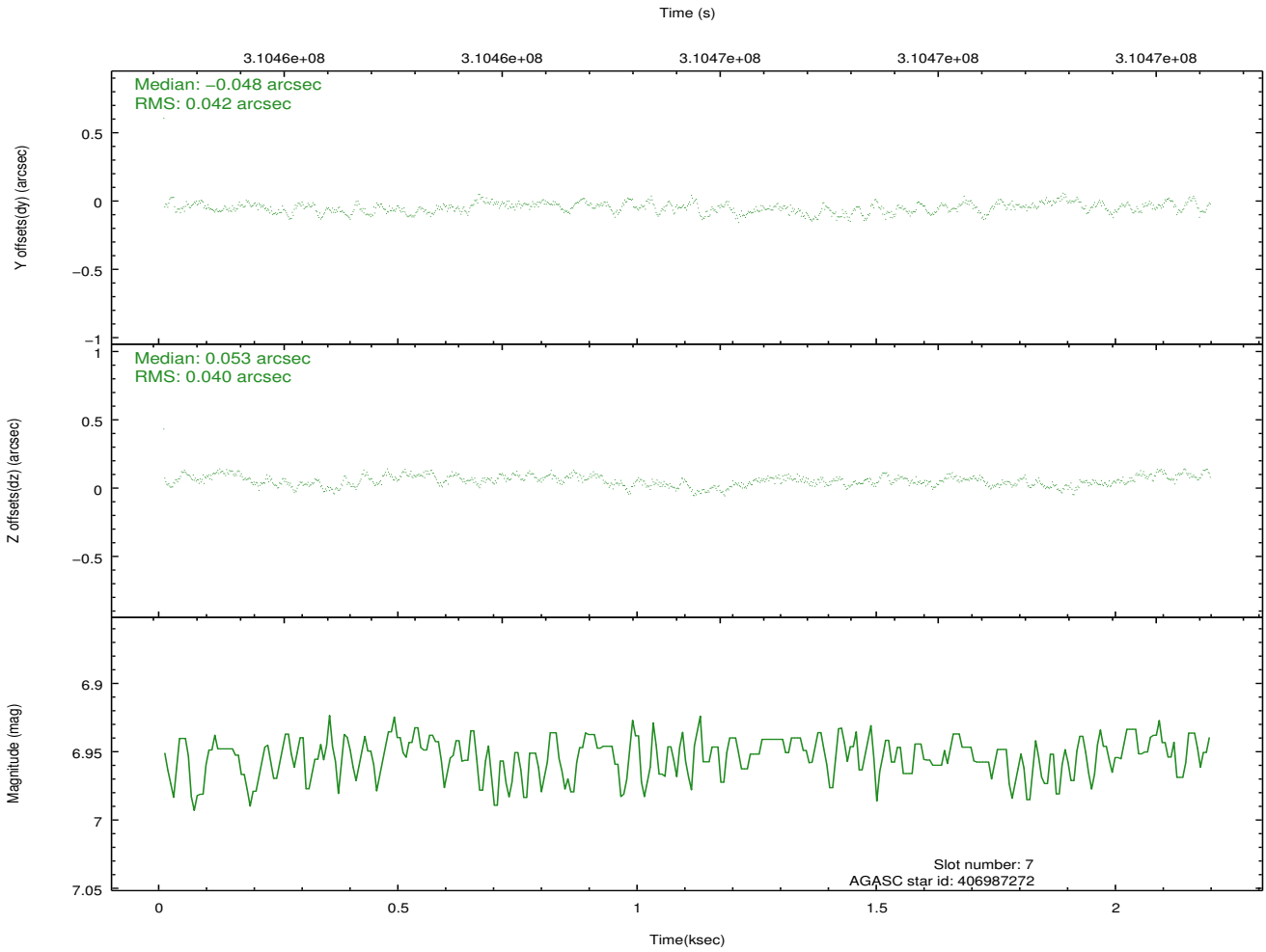
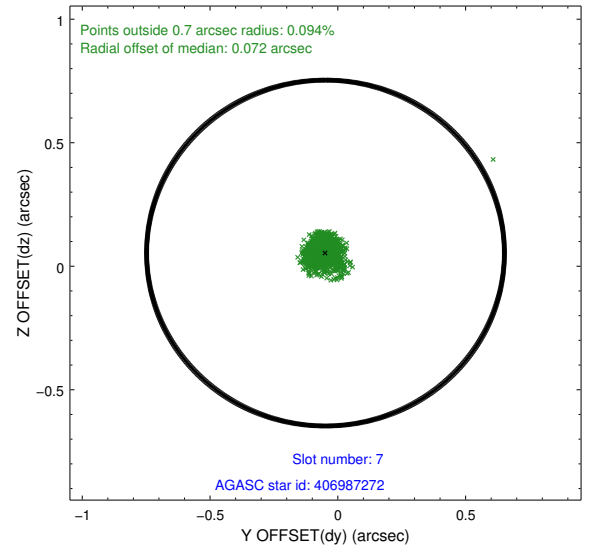
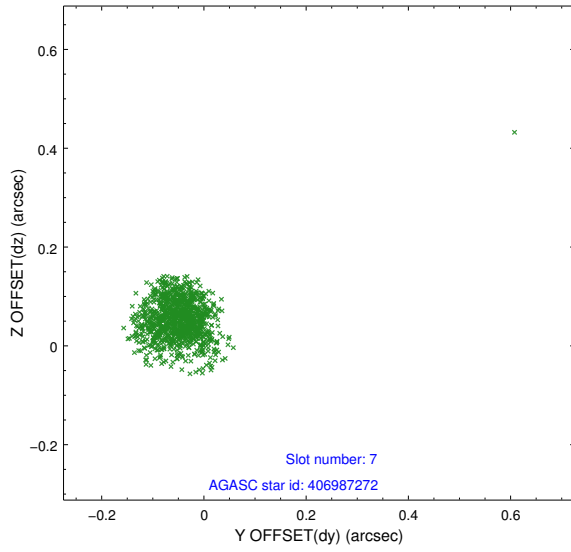
2.4.3 Slot 5



2.4.4 Slot 6

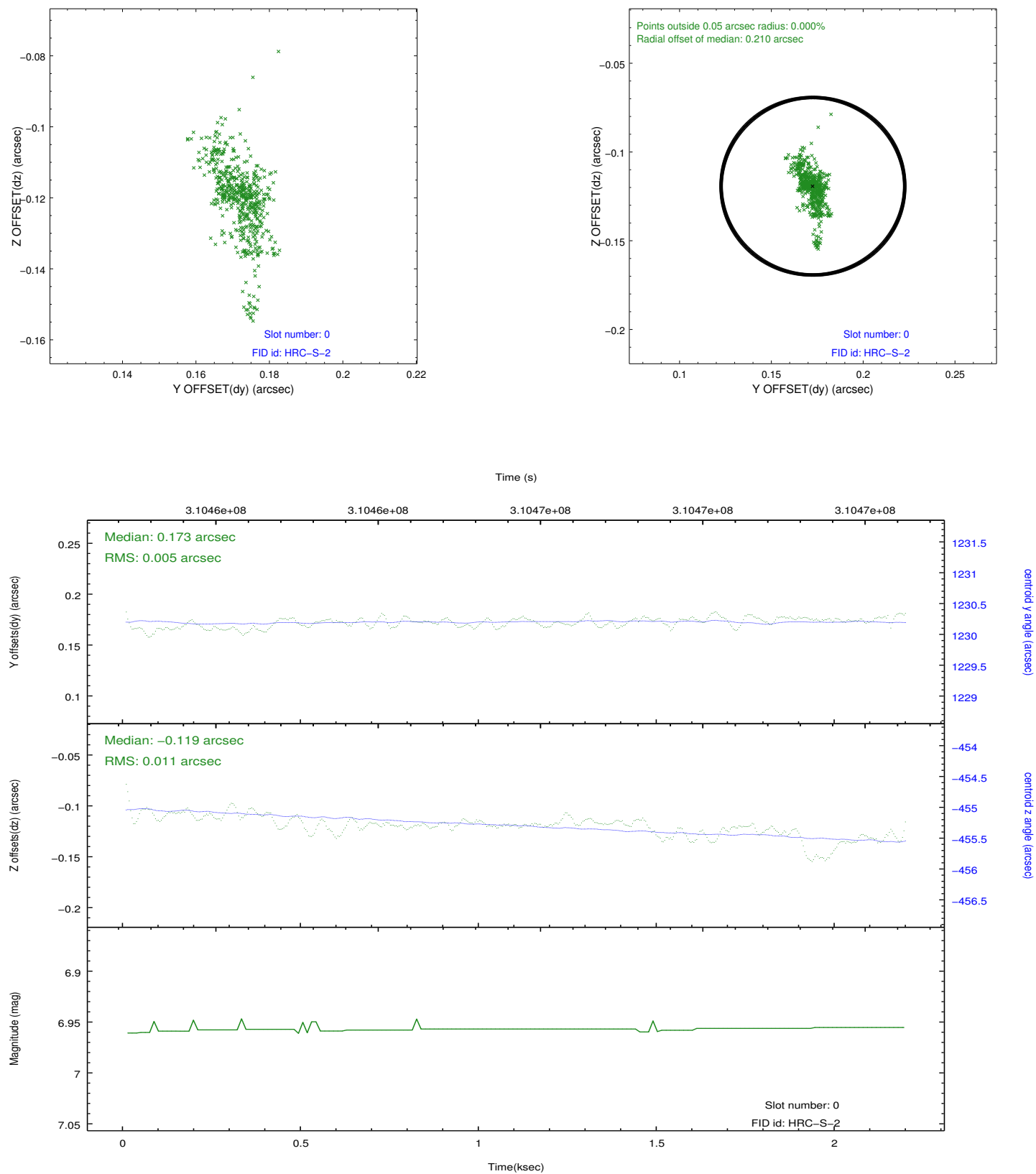


2.4.5 Slot 7

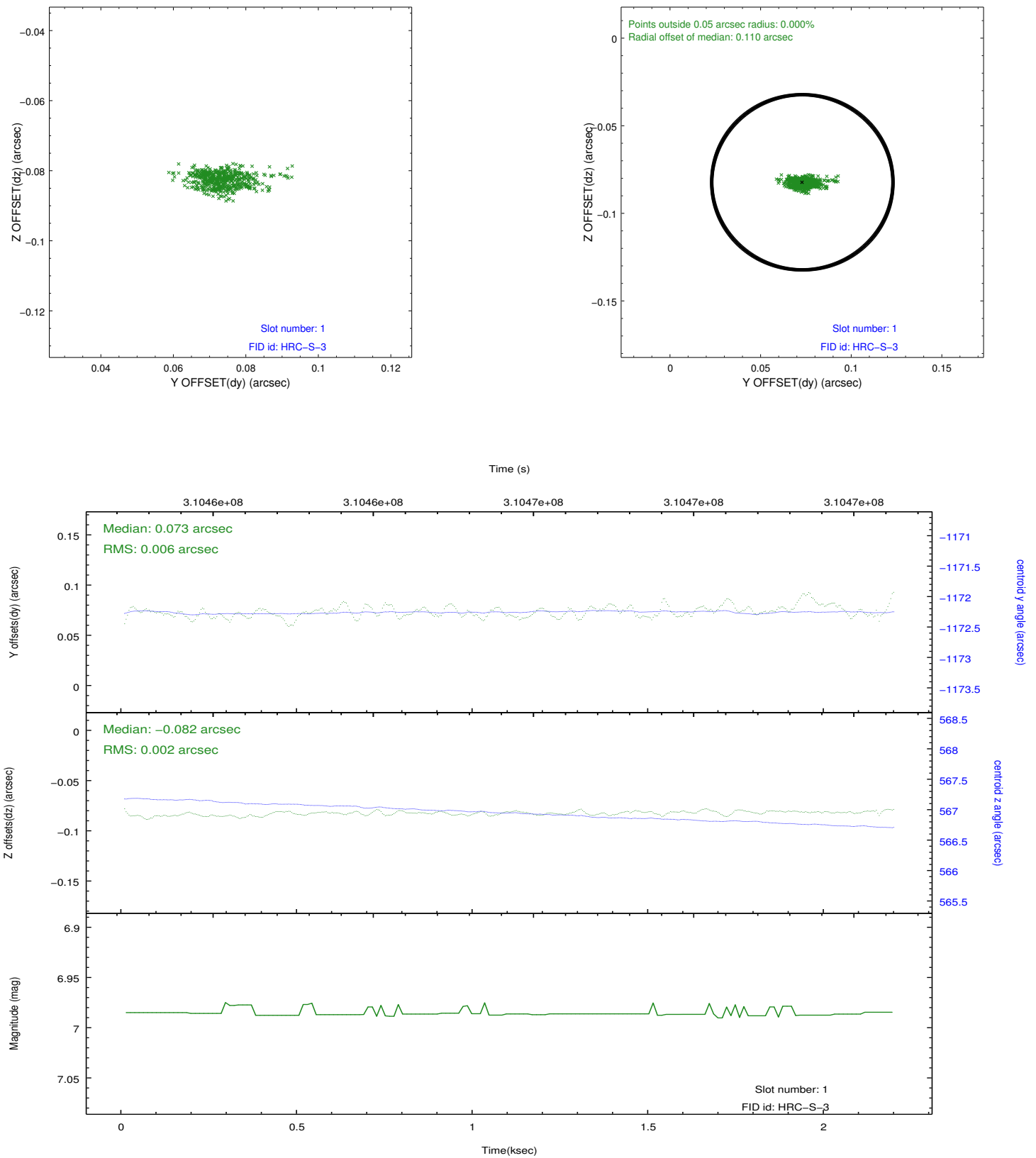


2.5 FID Slots

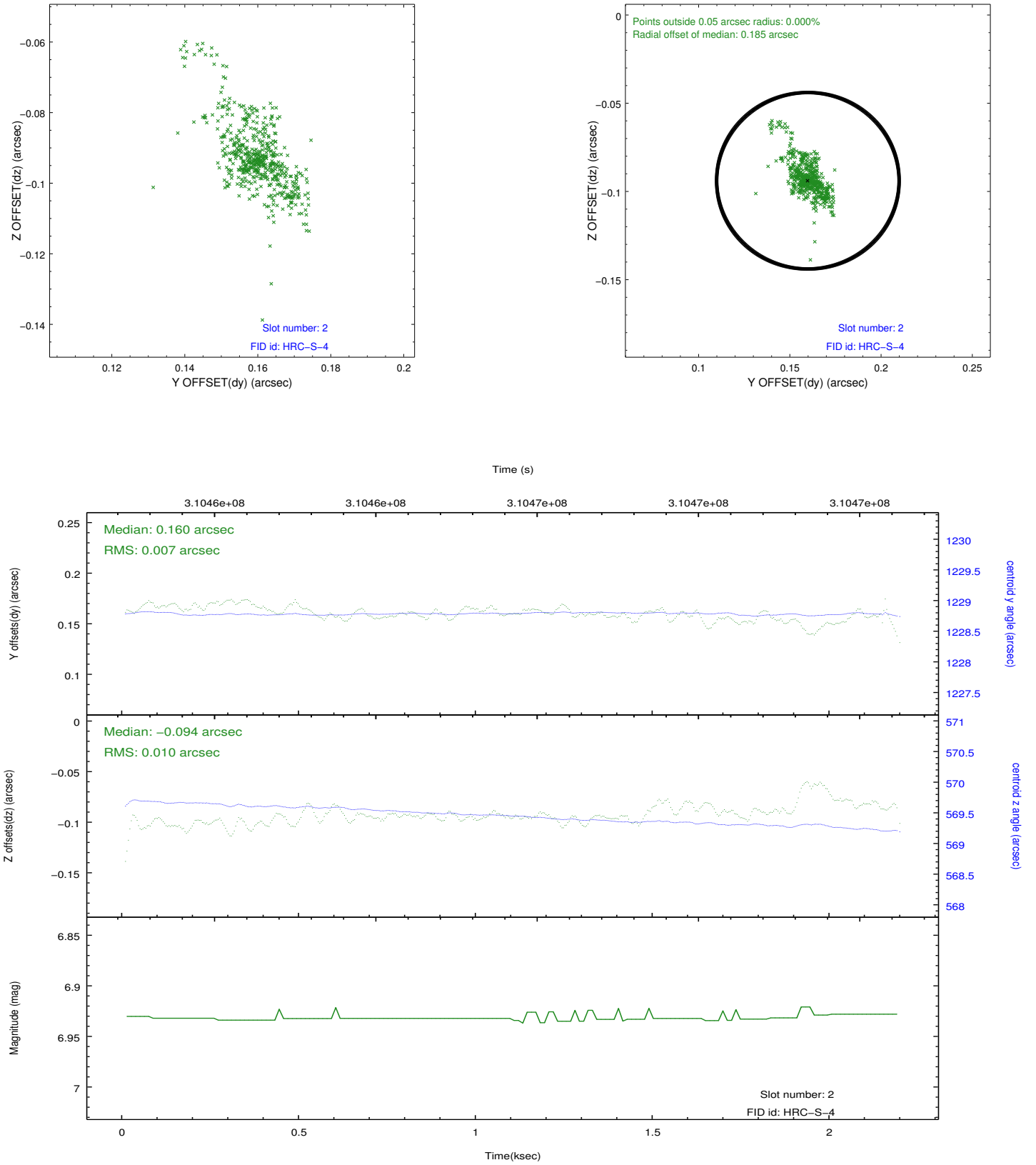
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.15993135

A.2 Comments

Window constraint met.