

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8294 - L2 Version 3
Chandra X-Ray Center

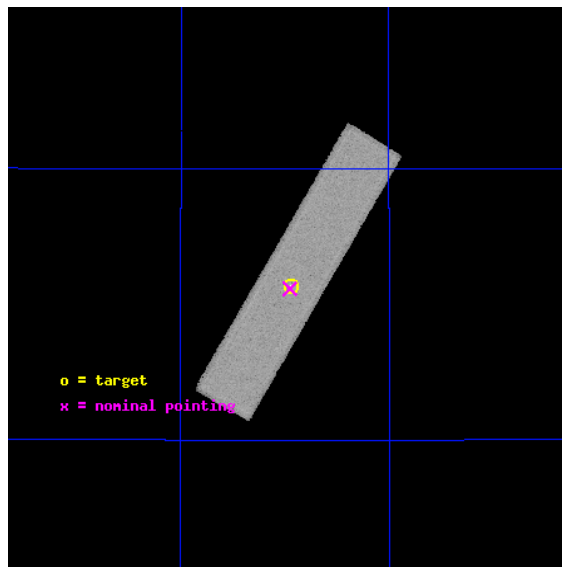
L2 Processing Date : Aug 12 2012

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1 Front

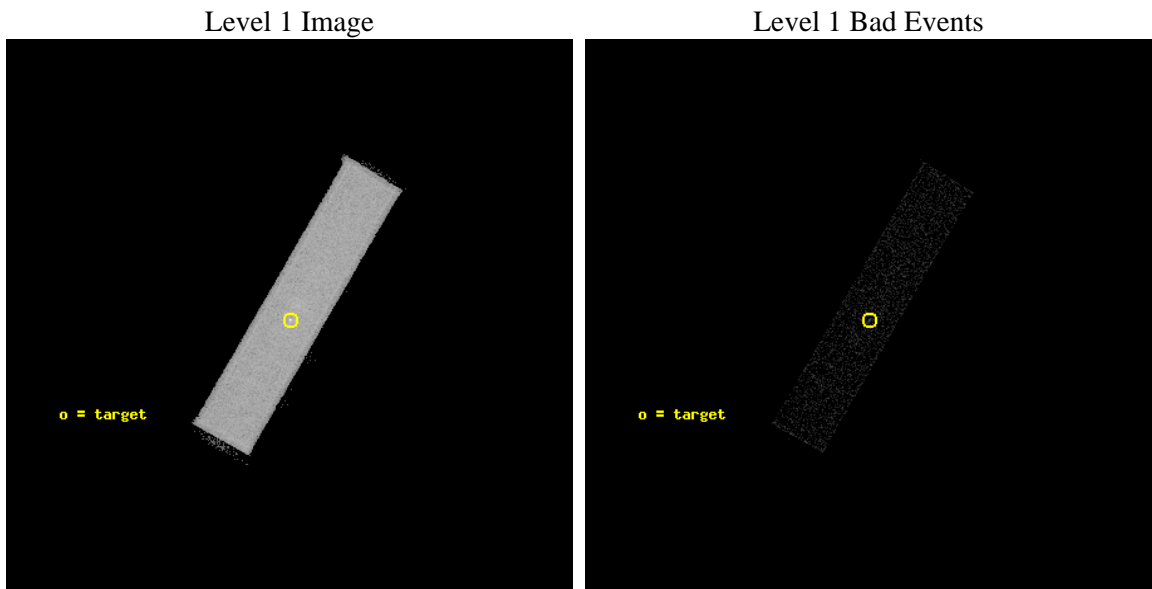
seq_num	290673	Sequence number
obs_id	8294	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23771764773	Nominal RA [deg]
dec_nom	38.779456816676	Nominal Dec [deg]
roll_nom	300.20860253798	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2152.7563538551	[s]
livetime	2133.9767296432	Ontime multiplied by DTCOR
l2events	129727	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	2152.7563538551	[s]
caldsver	4.5.1.1	 	l1events	169860	Number of level 1 events
date	2012-08-12T06:30:31	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

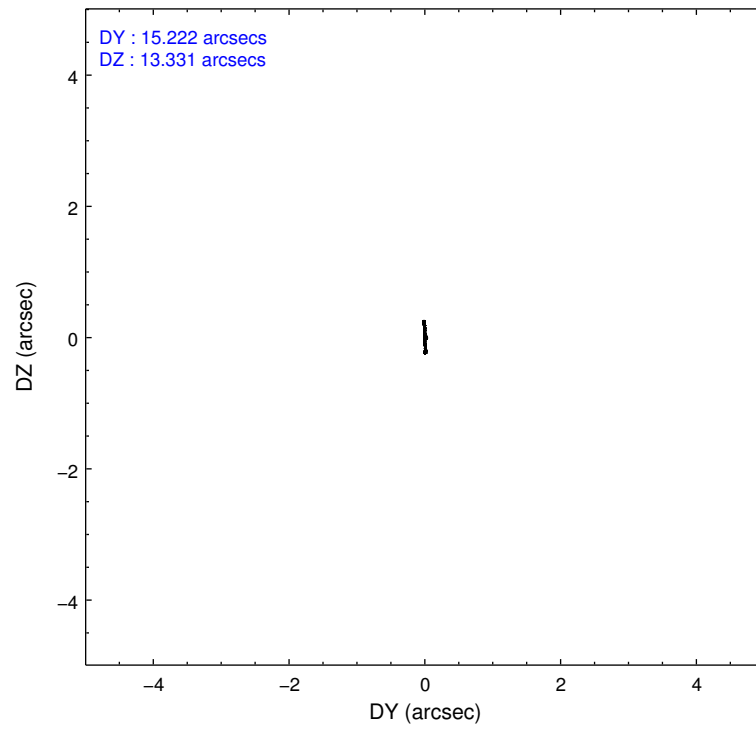
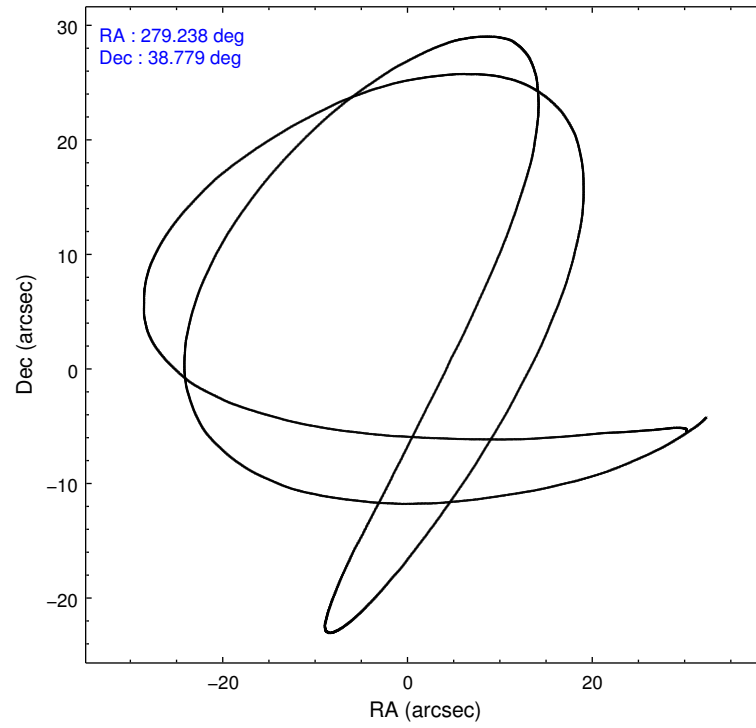
	segment 1	segment 2	segment 3
level 1 events	0	169860	0
rejected events	0	13083	0
rejected %	0%	7%	0%

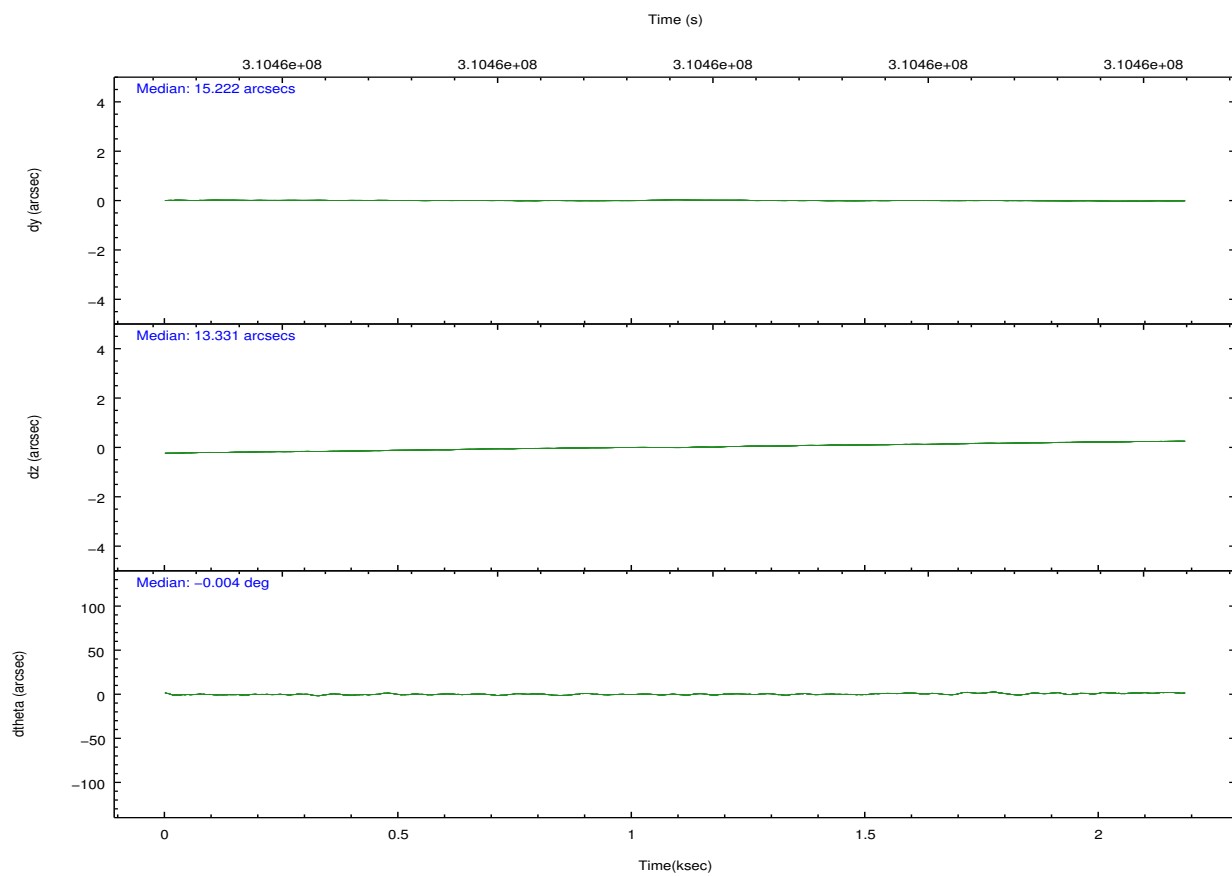
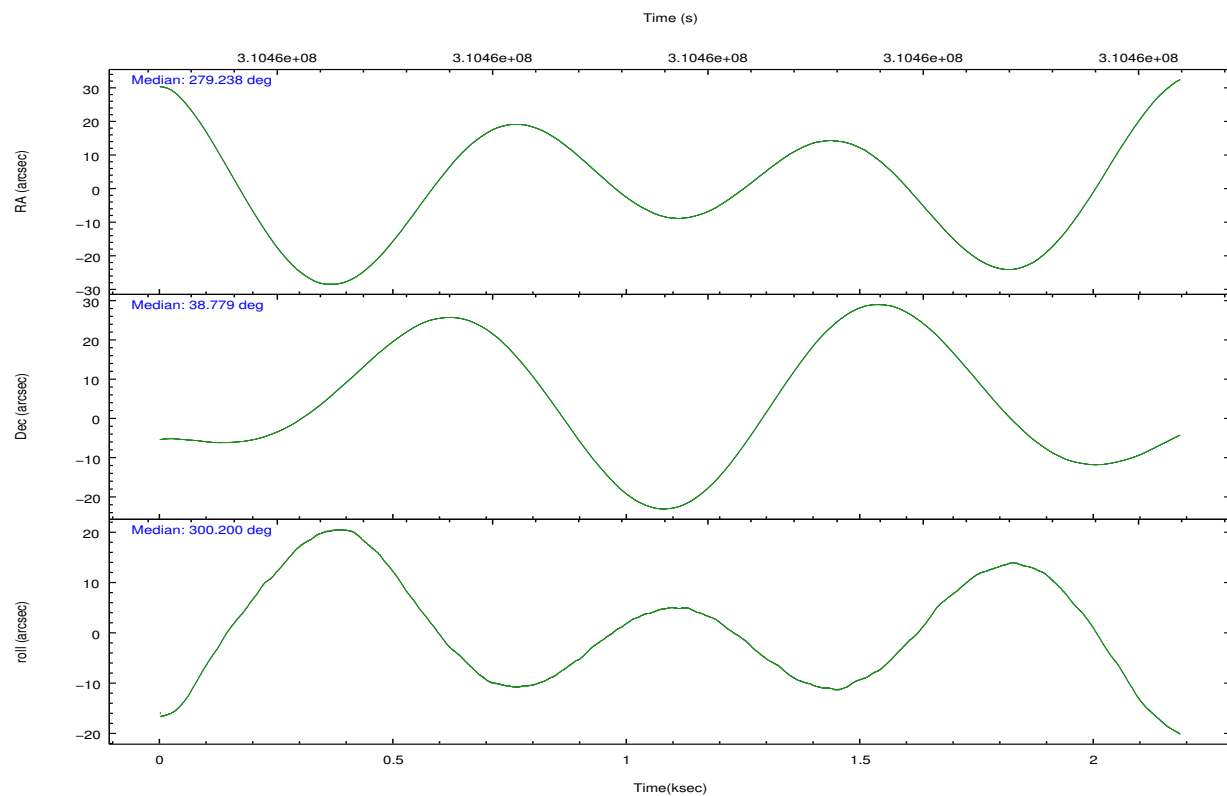
2.2 Compared Parameters

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	279.205165	279.2377176477297
[deg] Pointing Dec	38.792629	38.77945681667639
[deg] Pointing Roll	300.161675	300.2086025379831
[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)	310462010.184000	310461635.43281
Observation start date	2007-11-03T07:25:45	2007-11-03T07:20:35
[s] Observation end time (MET)	310464010.184000	310464144.12043
Observation end date	2007-11-03T07:59:05	2007-11-03T08:02:24

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

2.3 Aspect



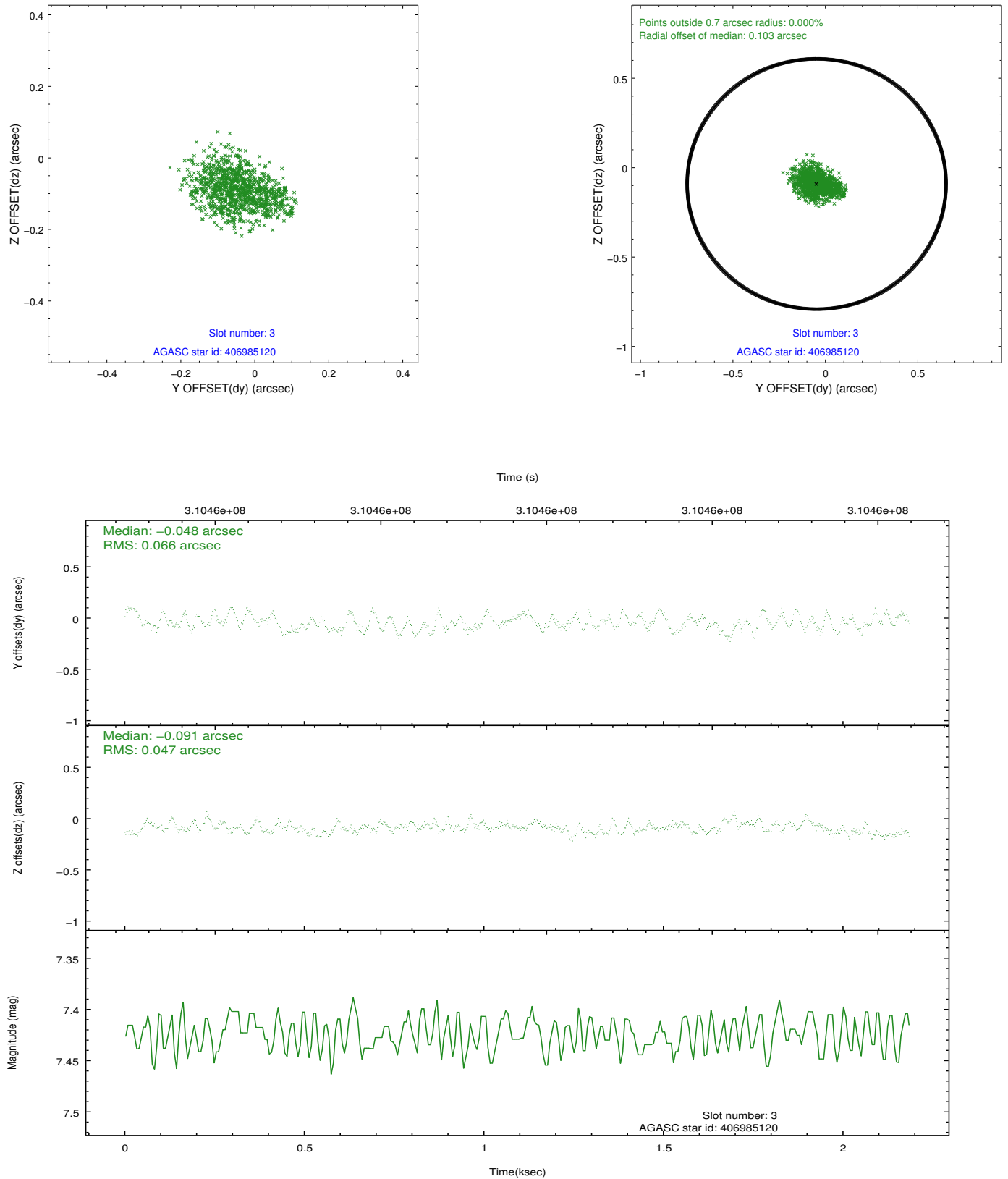


Slot Statistics

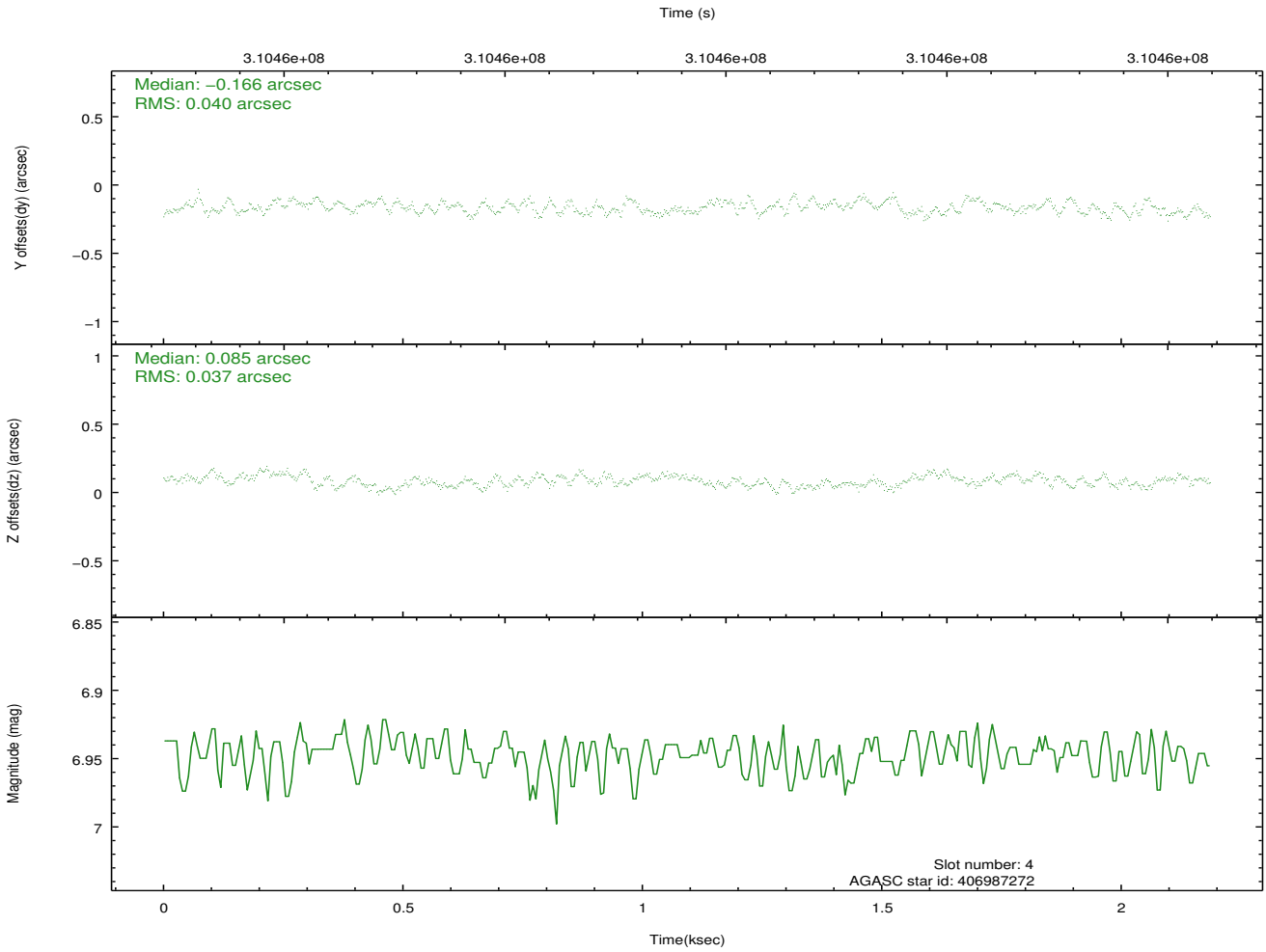
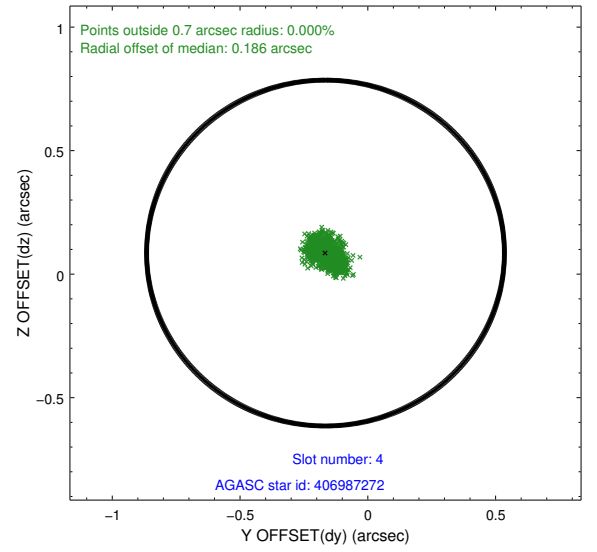
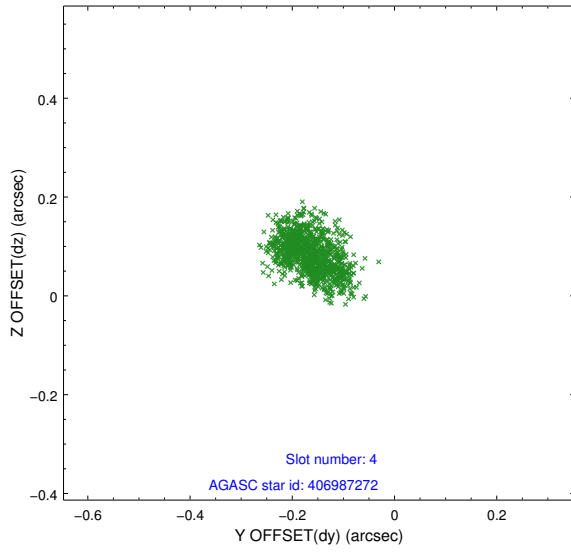
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	532	0.069	-0.162	0.010	0.017	0.000000	0.000000	-1169.63	-462.17
1	FID	HRC-S-2	6.95	533	0.200	-0.104	0.005	0.012	0.000000	0.000000	1227.96	-455.58
2	FID	HRC-S-3	6.99	533	0.121	-0.036	0.009	0.016	0.000000	0.000000	-1170.01	566.62
3	GUIDE	406985120	7.42	1067	-0.048	-0.091	0.087	0.135	278.839732	38.894839	-834.03	-698.38
4	GUIDE	406987272	6.95	1067	-0.166	0.085	0.059	0.091	278.536588	38.437504	151.39	-2268.25
5	GUIDE	406989616	8.22	1067	0.078	0.039	0.066	0.111	279.202881	38.520843	843.29	-497.92
6	GUIDE	406993992	7.65	1067	0.119	0.007	0.077	0.129	279.053714	38.034587	2145.19	-1741.04
7	GUIDE	407521232	8.64	1065	0.012	-0.037	0.081	0.133	279.628883	39.431715	-1397.68	2175.39

2.4 Star Slots

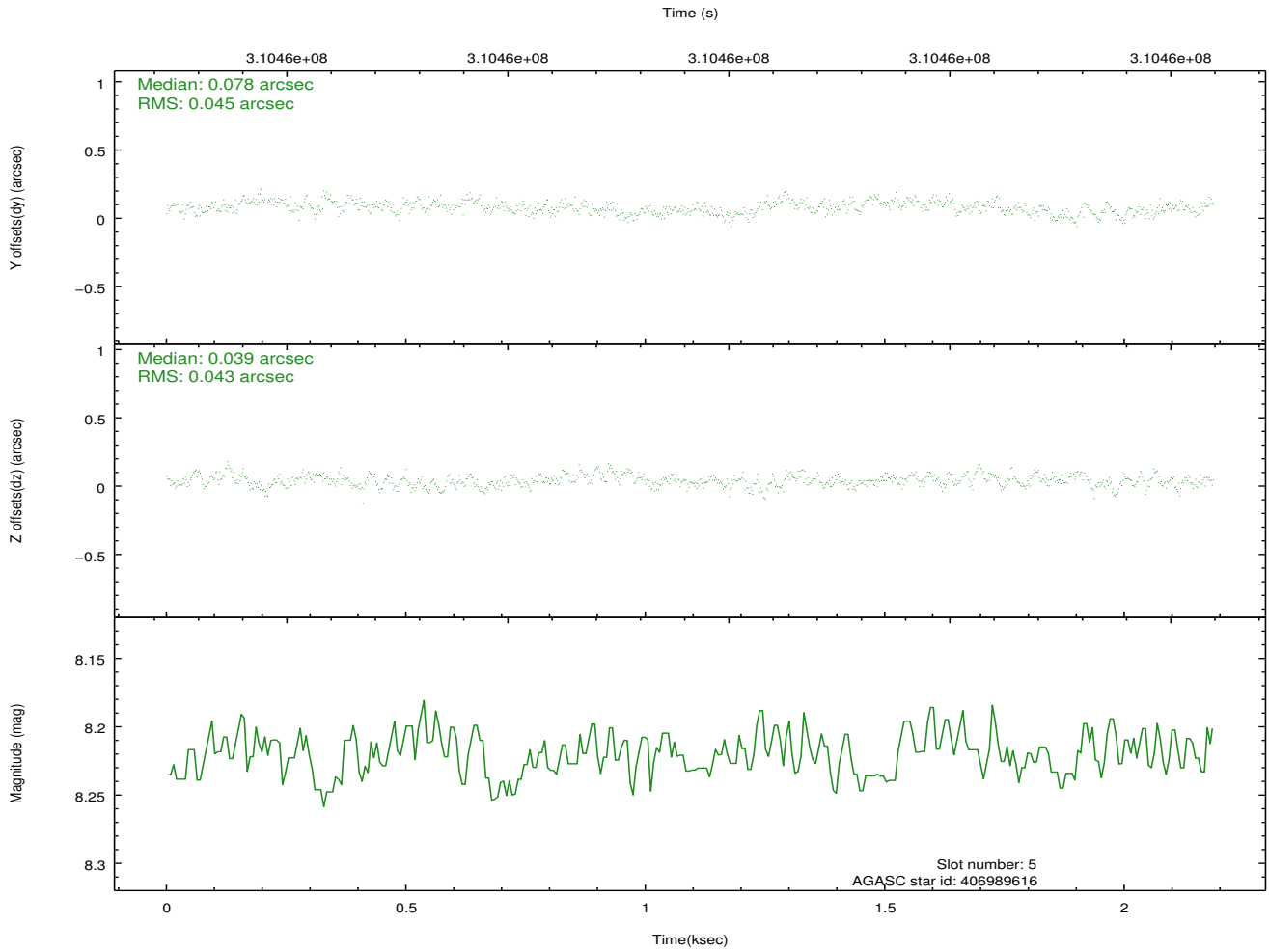
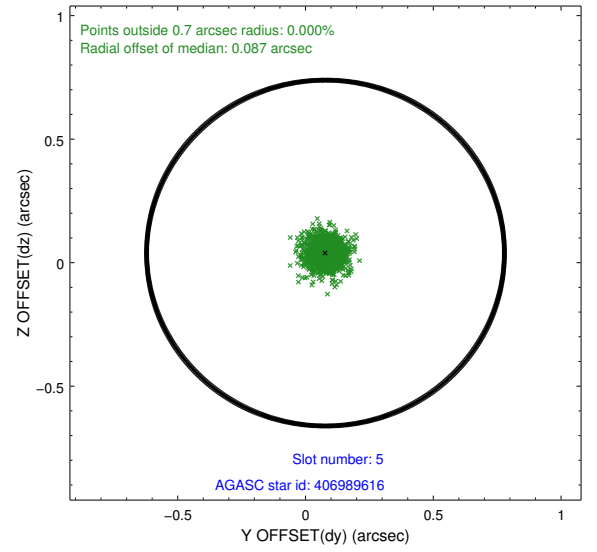
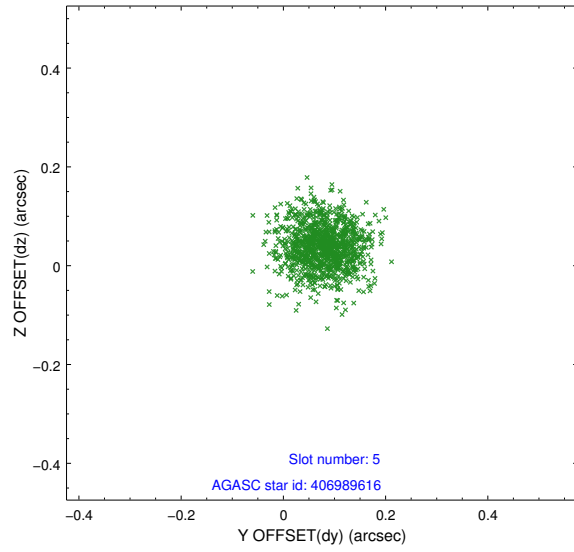
2.4.1 Slot 3



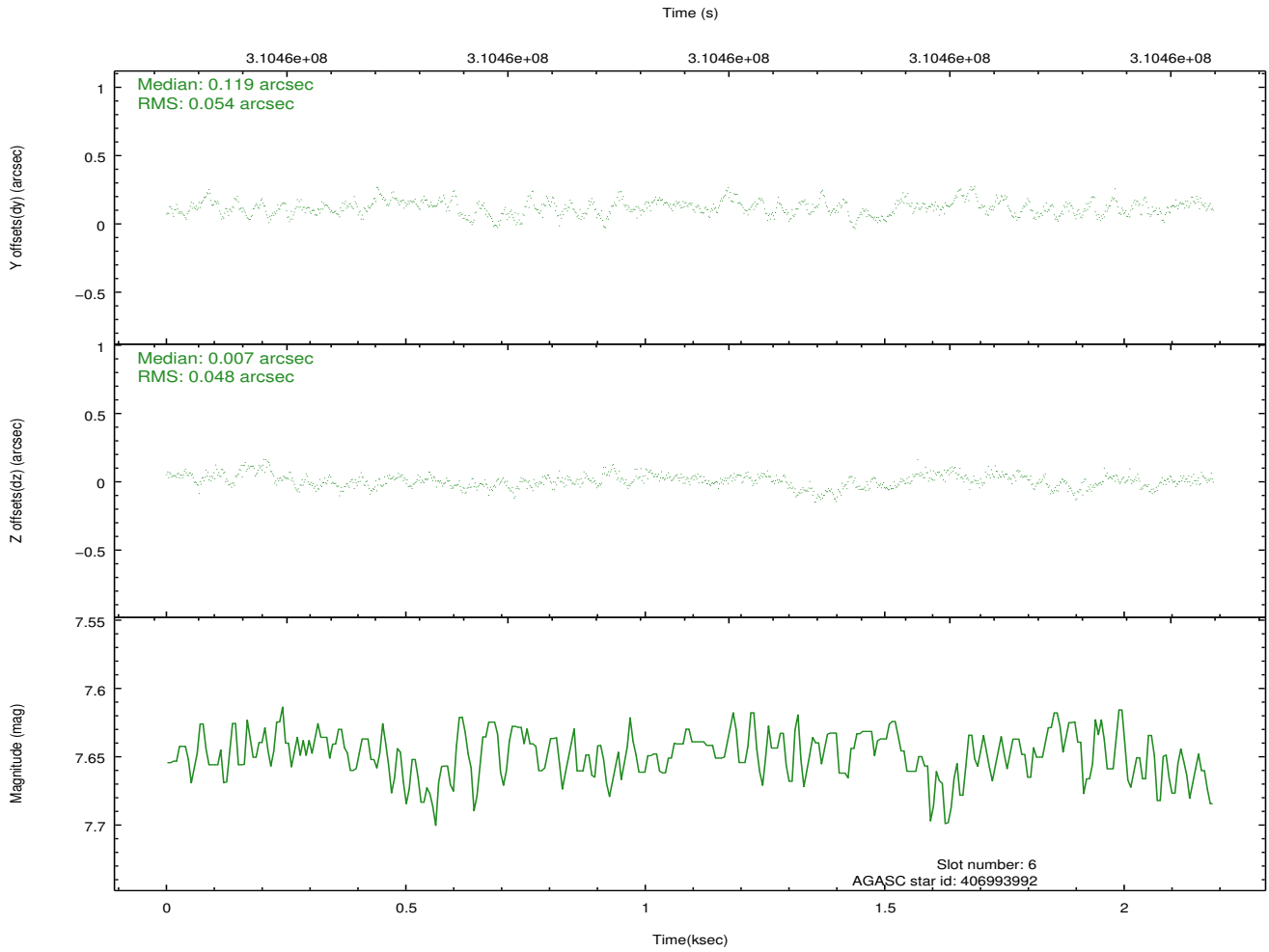
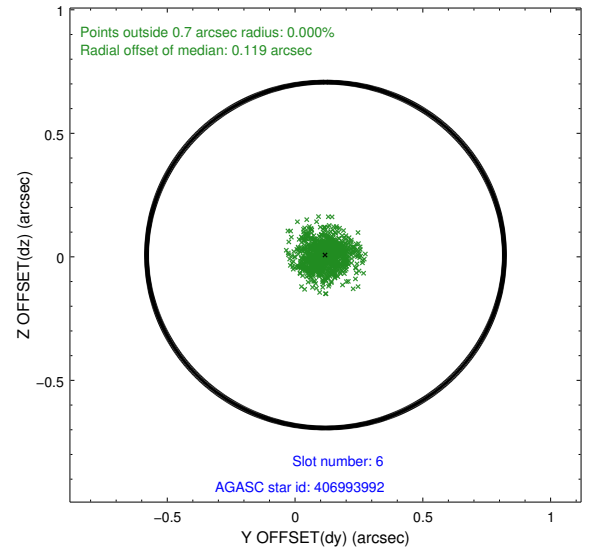
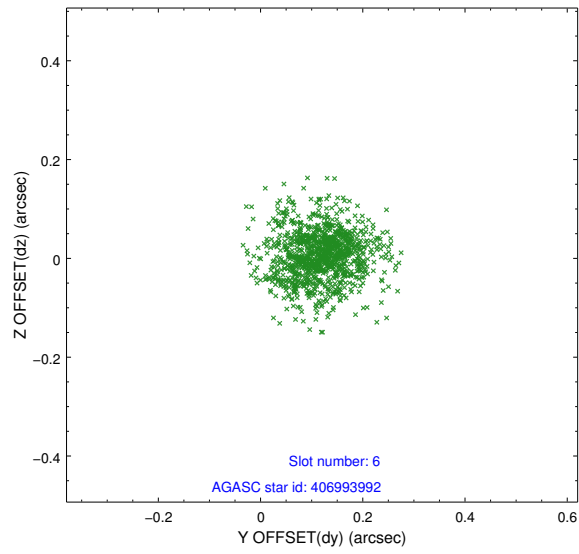
2.4.2 Slot 4



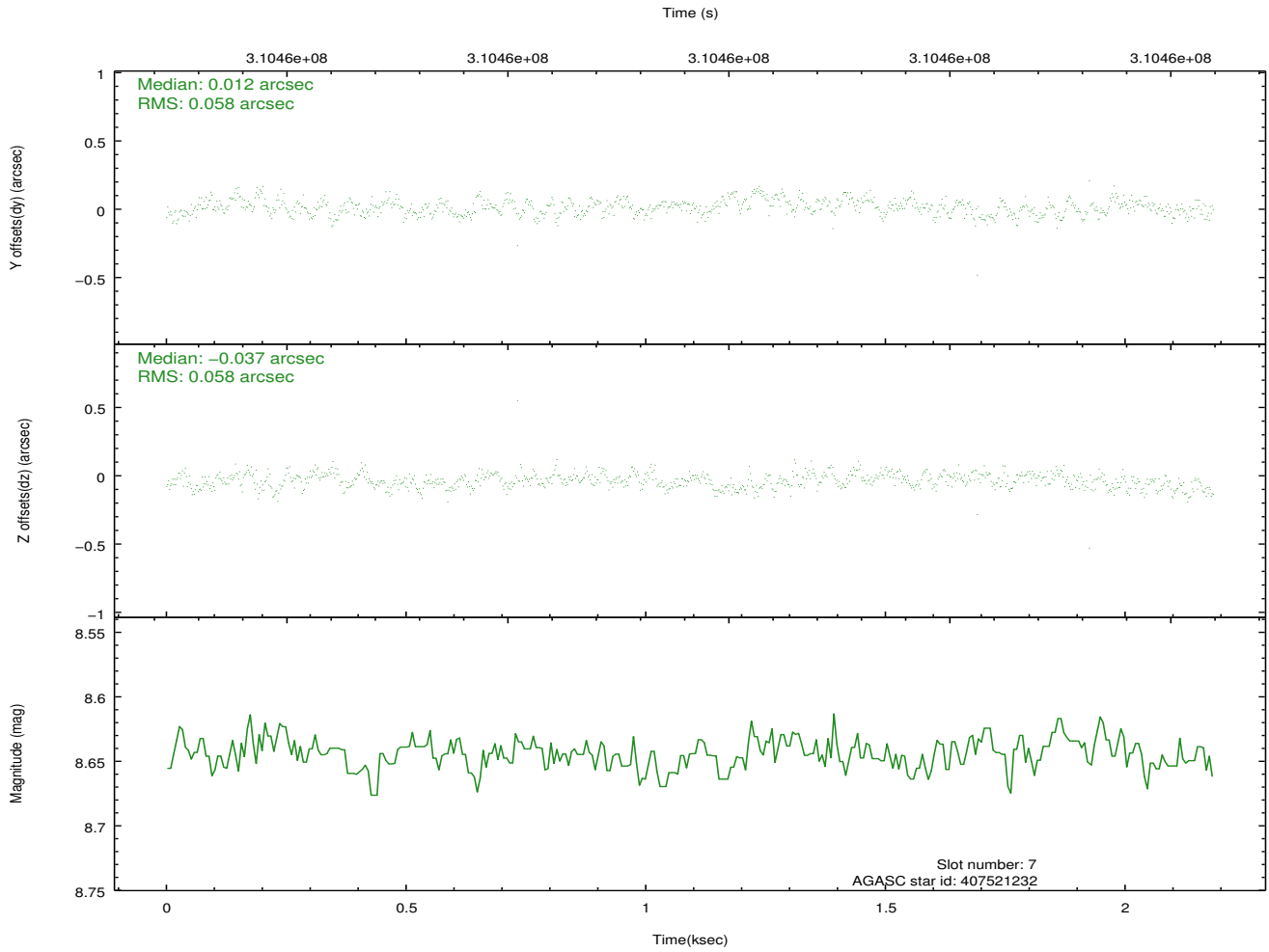
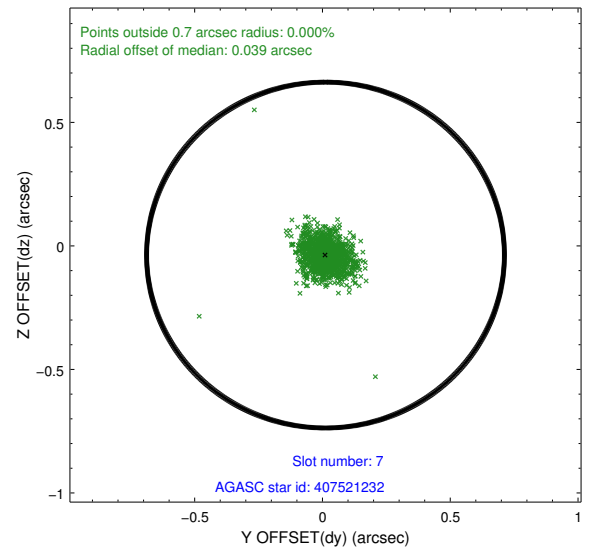
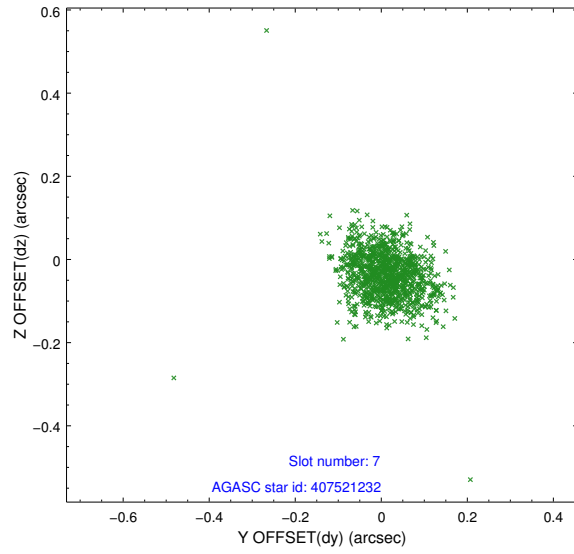
2.4.3 Slot 5



2.4.4 Slot 6

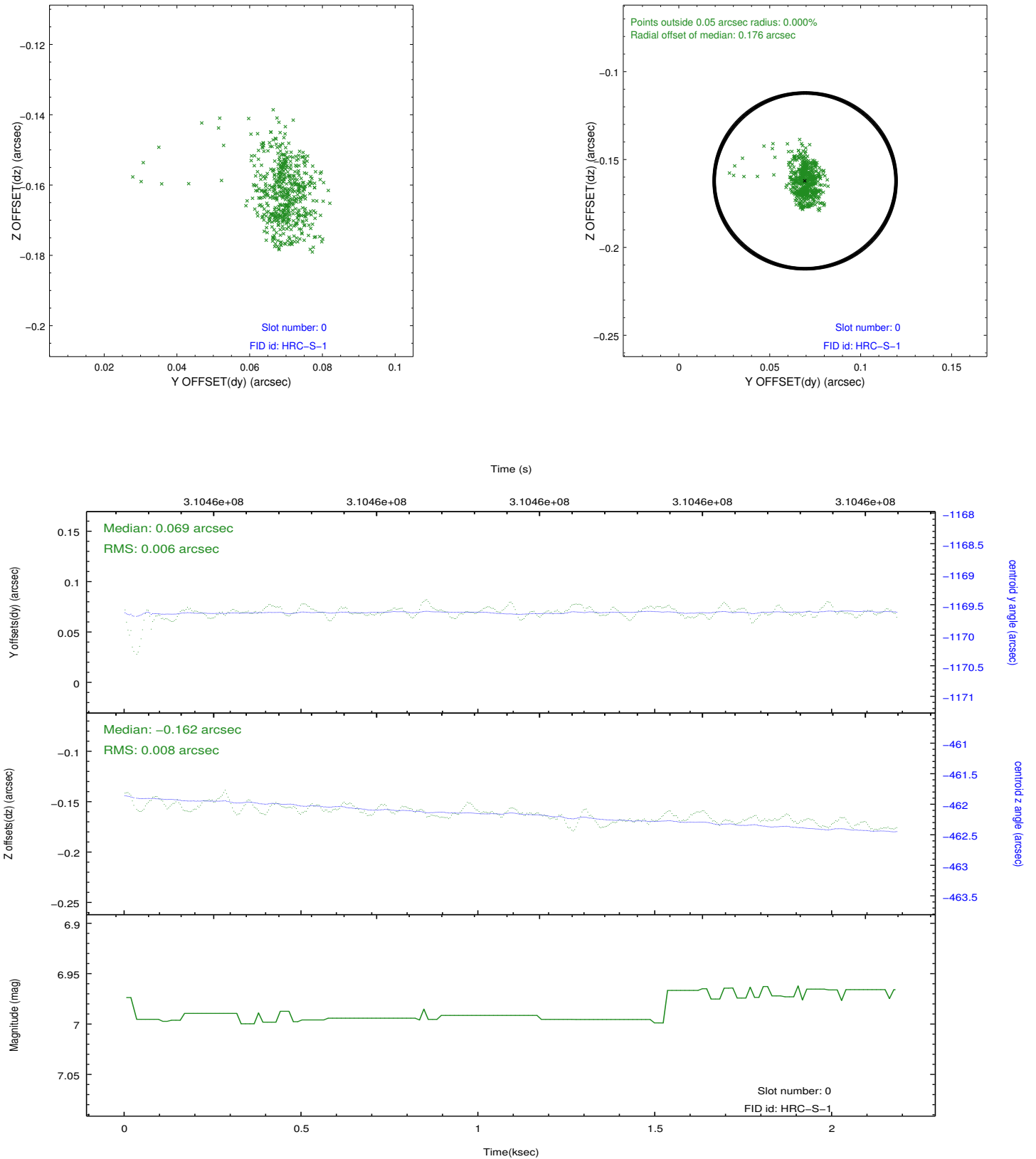


2.4.5 Slot 7

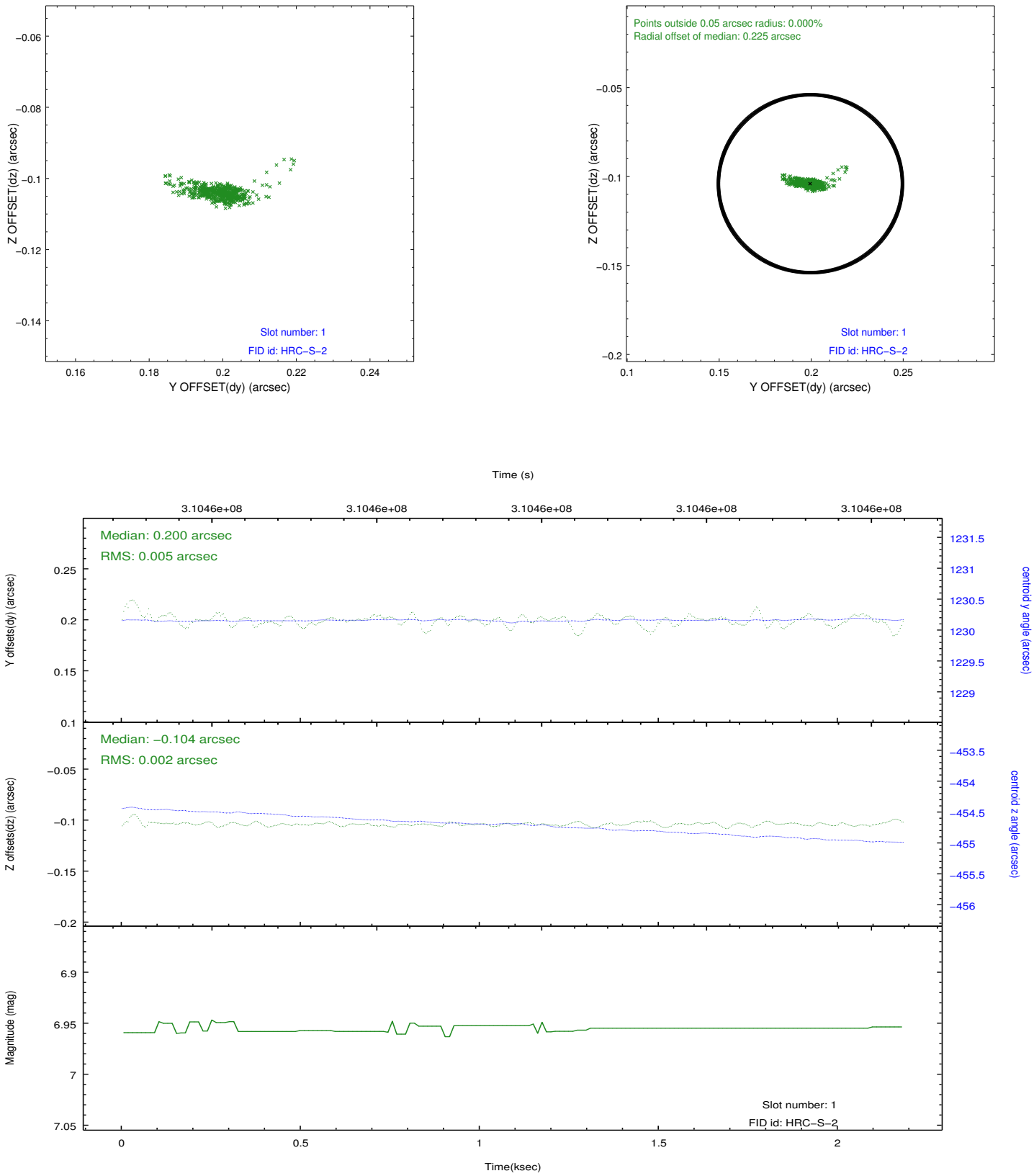


2.5 FID Slots

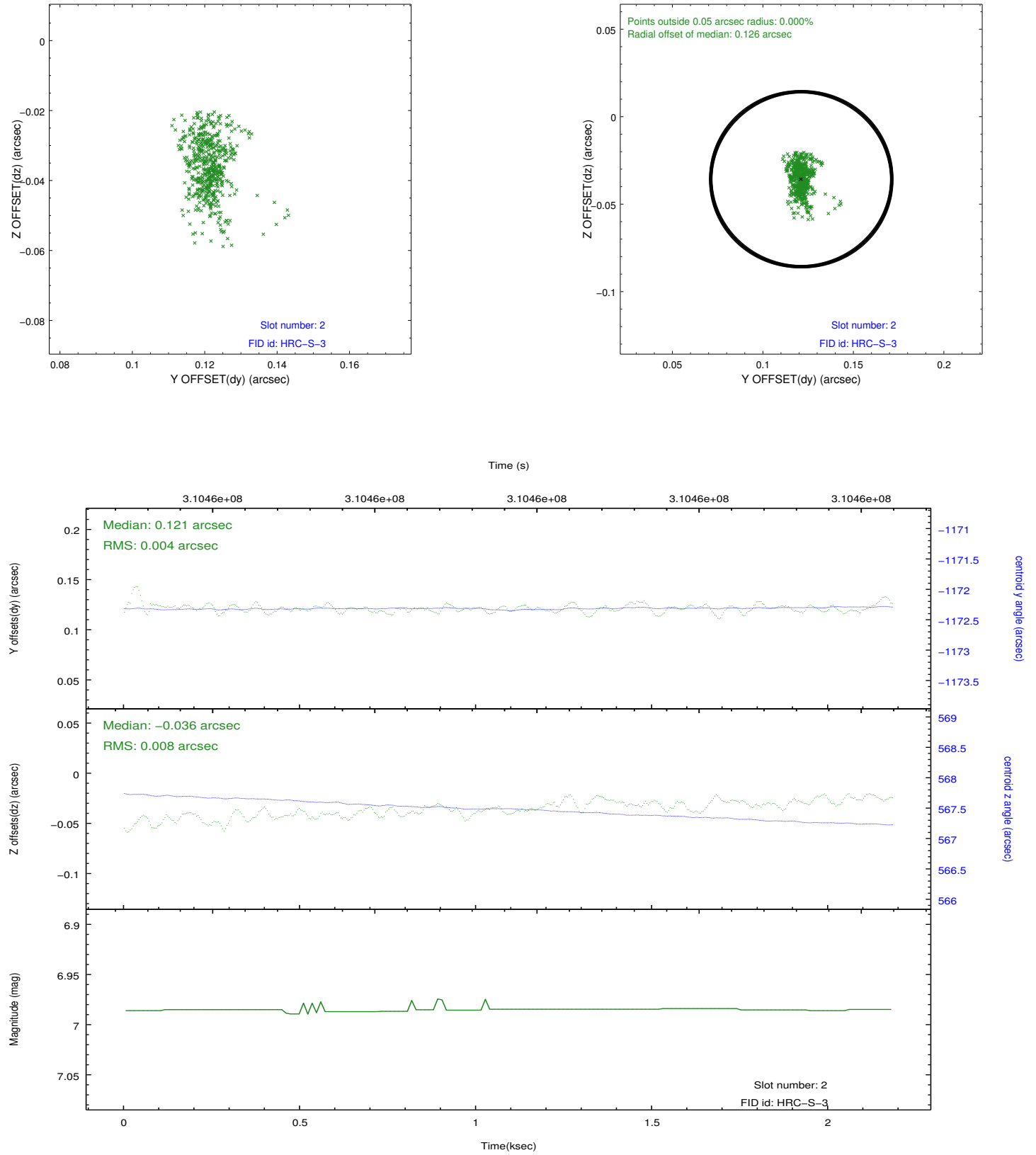
2.5.1 Slot 0



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	2.15275635

A.2 Comments

Window constraint met.