

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14242 - L2 Version 4
Chandra X-Ray Center

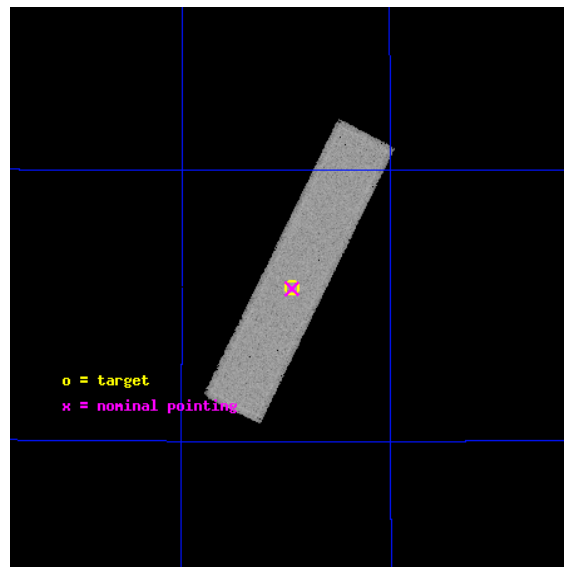
L2 Processing Date : Aug 9 2012

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1 Front

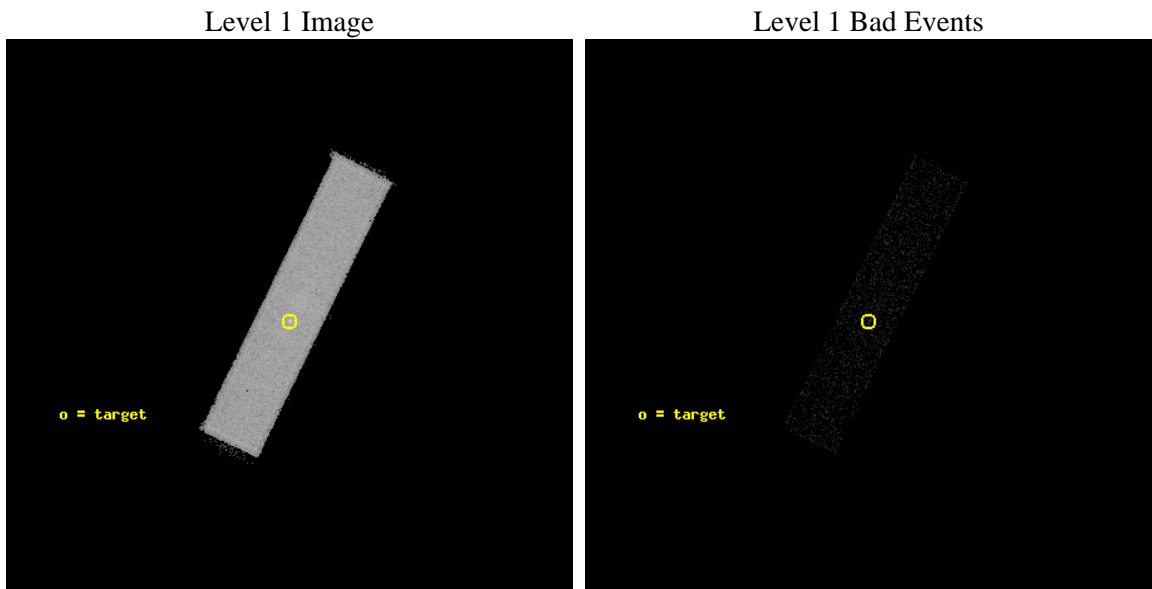
seq_num	291015	Sequence number
obs_id	14242	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23600151462	Nominal RA [deg]
dec_nom	38.781634741377	Nominal Dec [deg]
roll_nom	296.23514273568	Nominal Roll [deg]
revision	4	Processing version of data
ontime	2156.8563634753	[s]
livetime	2142.1799247257	Ontime multiplied by DTCOR
l2events	104036	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2156.8563634753	[s]
caldbver	4.5.1.1	 	l1events	134189	Number of level 1 events
date	2012-08-10T02:41:25	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

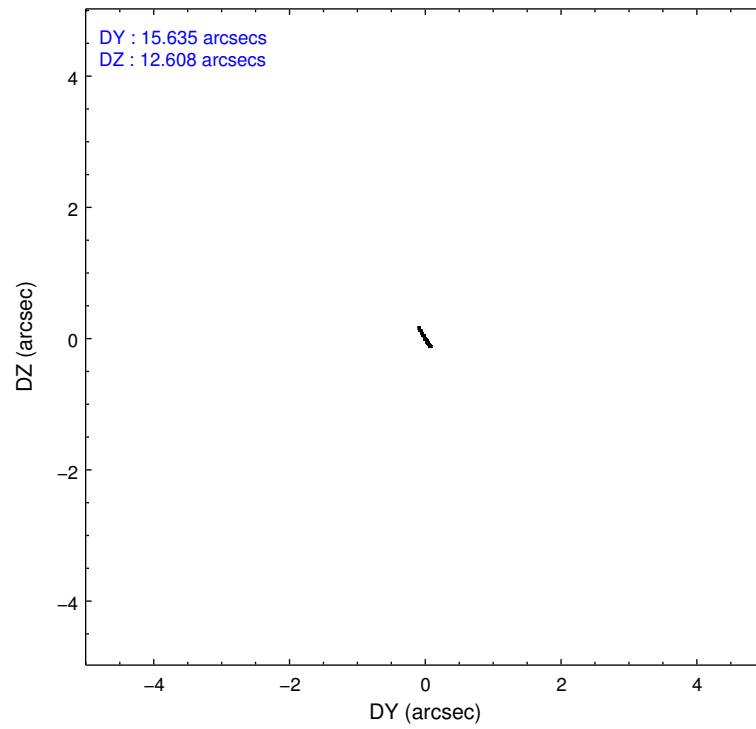
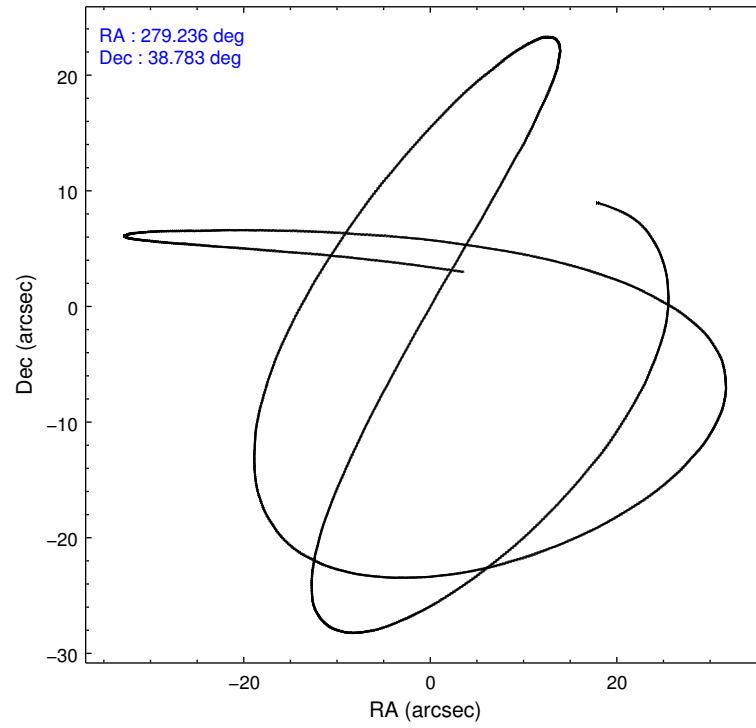
	segment 1	segment 2	segment 3
level 1 events	0	134189	0
rejected events	0	9698	0
rejected %	0%	7%	0%

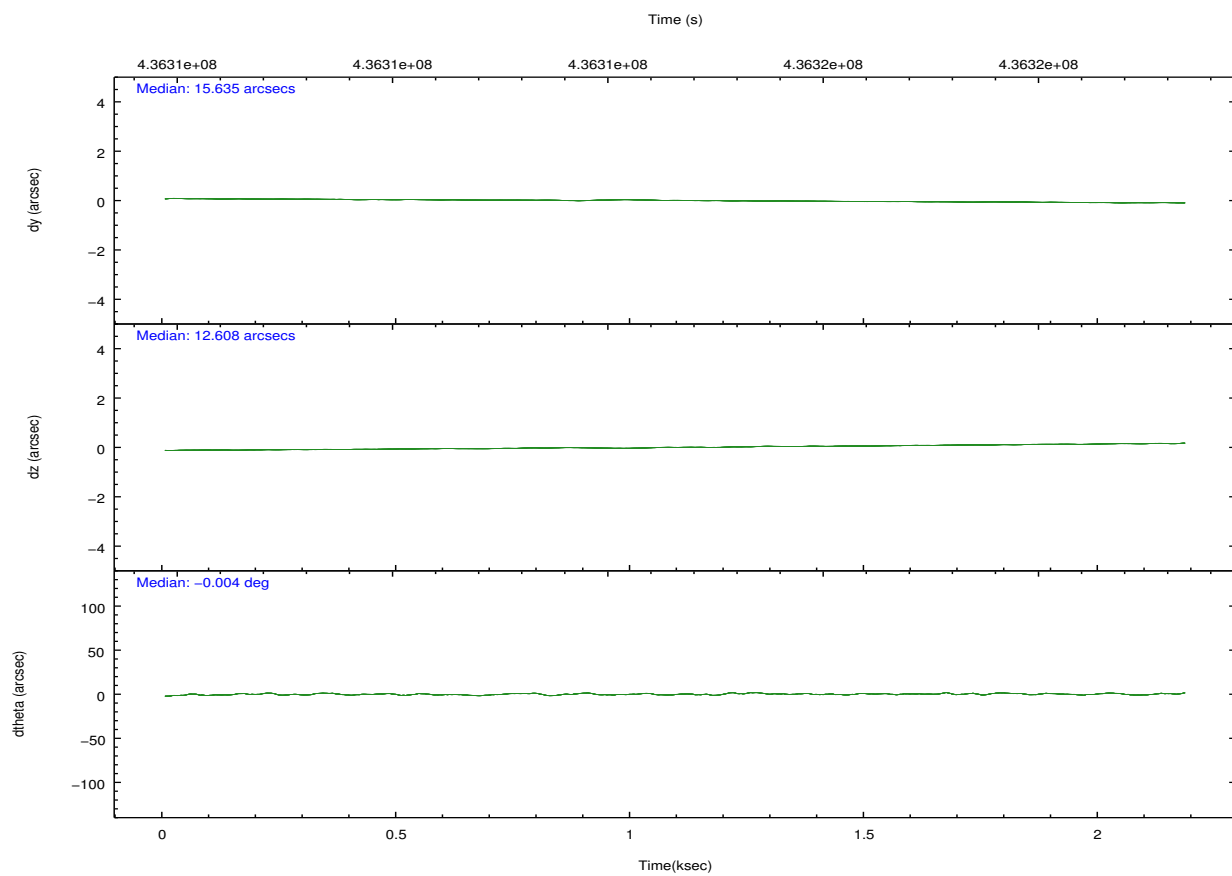
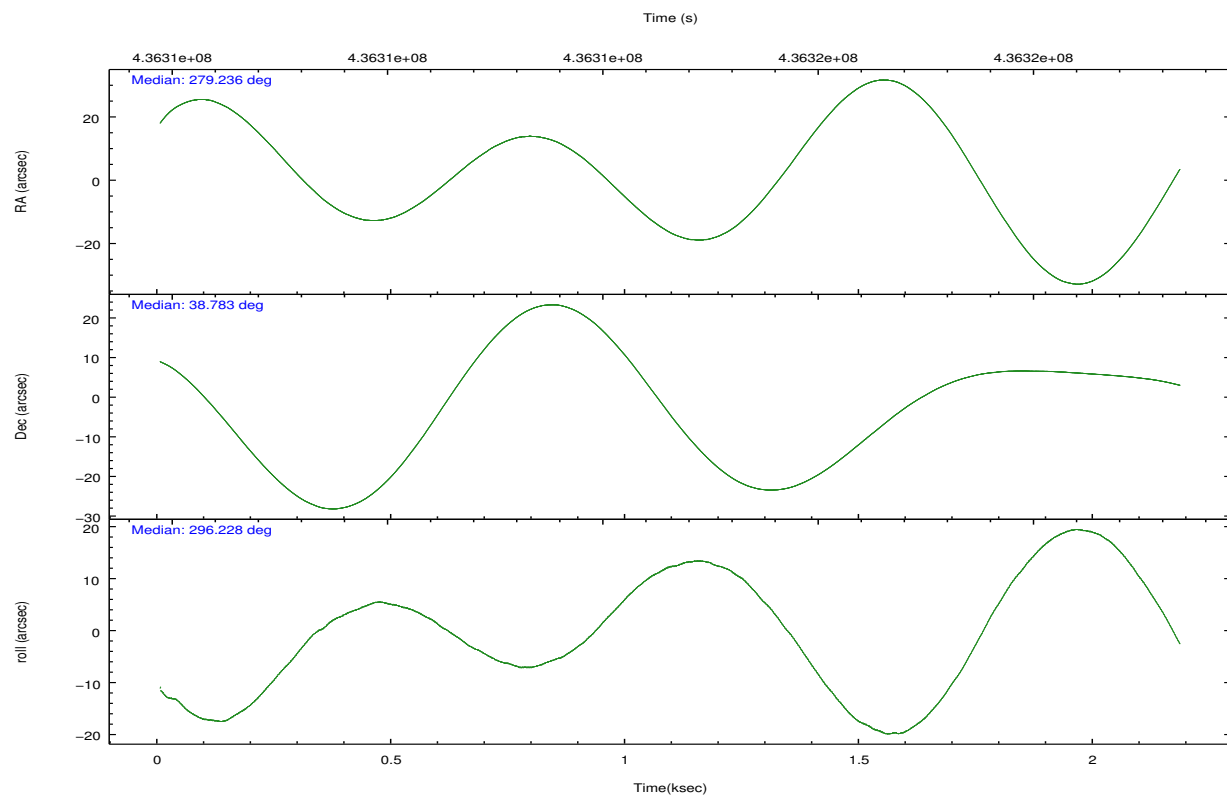
2.2 Compared Parameters

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	279.204601	279.2360015146174
[deg] Pointing Dec	38.796460	38.78163474137692
[deg] Pointing Roll	296.187486	296.2351427356754
[s] Window start time (MET)	431222466.184000	431222466.184000
[s] Window stop time (MET)	436320066.184000	436320066.184000
[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)	436313756.184000	436313378.02098
Observation start date	2011-10-29T22:14:50	2011-10-29T22:09:38
[s] Observation end time (MET)	436315756.184000	436315890.29611
Observation end date	2011-10-29T22:48:10	2011-10-29T22:51:30

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

2.3 Aspect



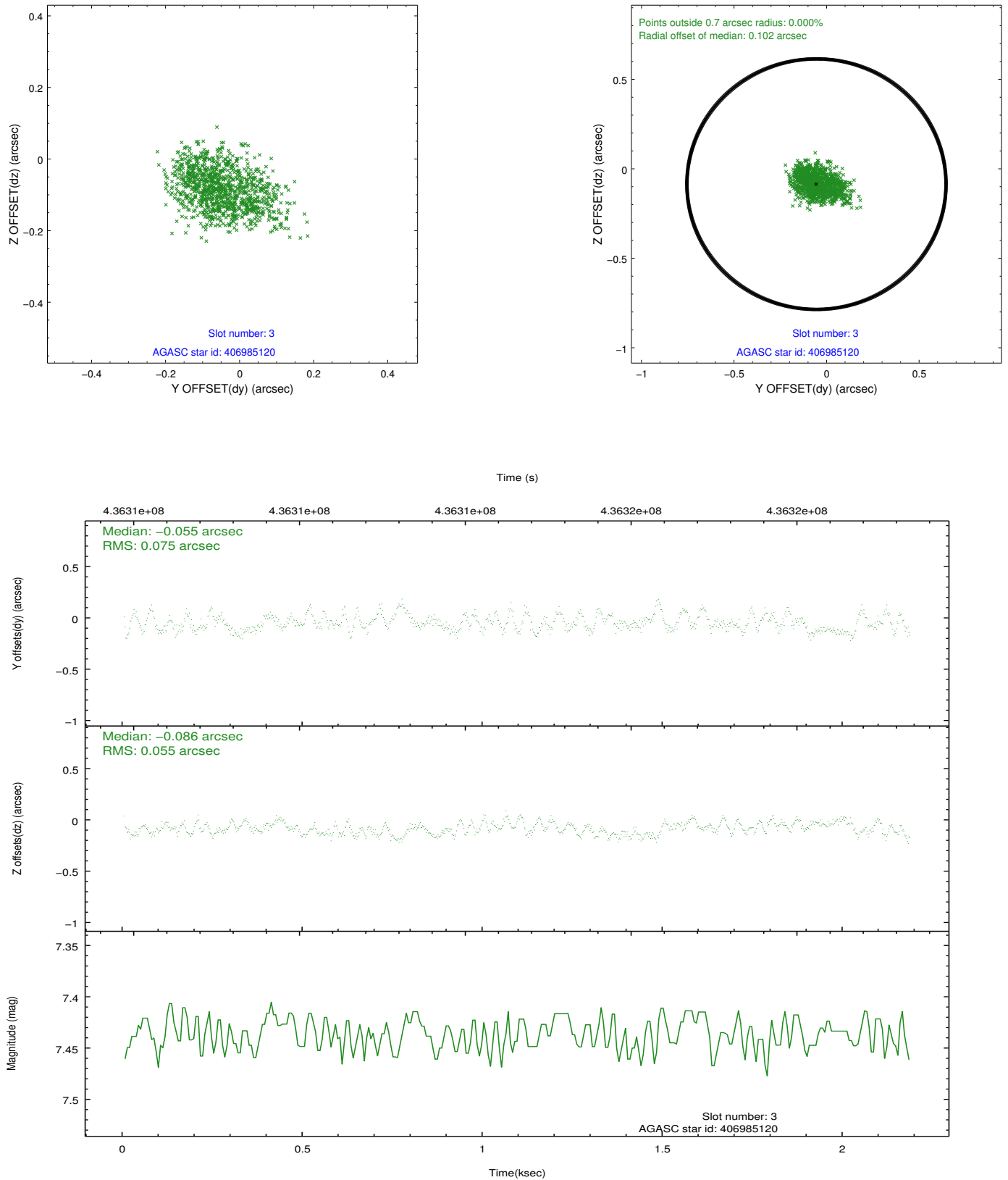


Slot Statistics

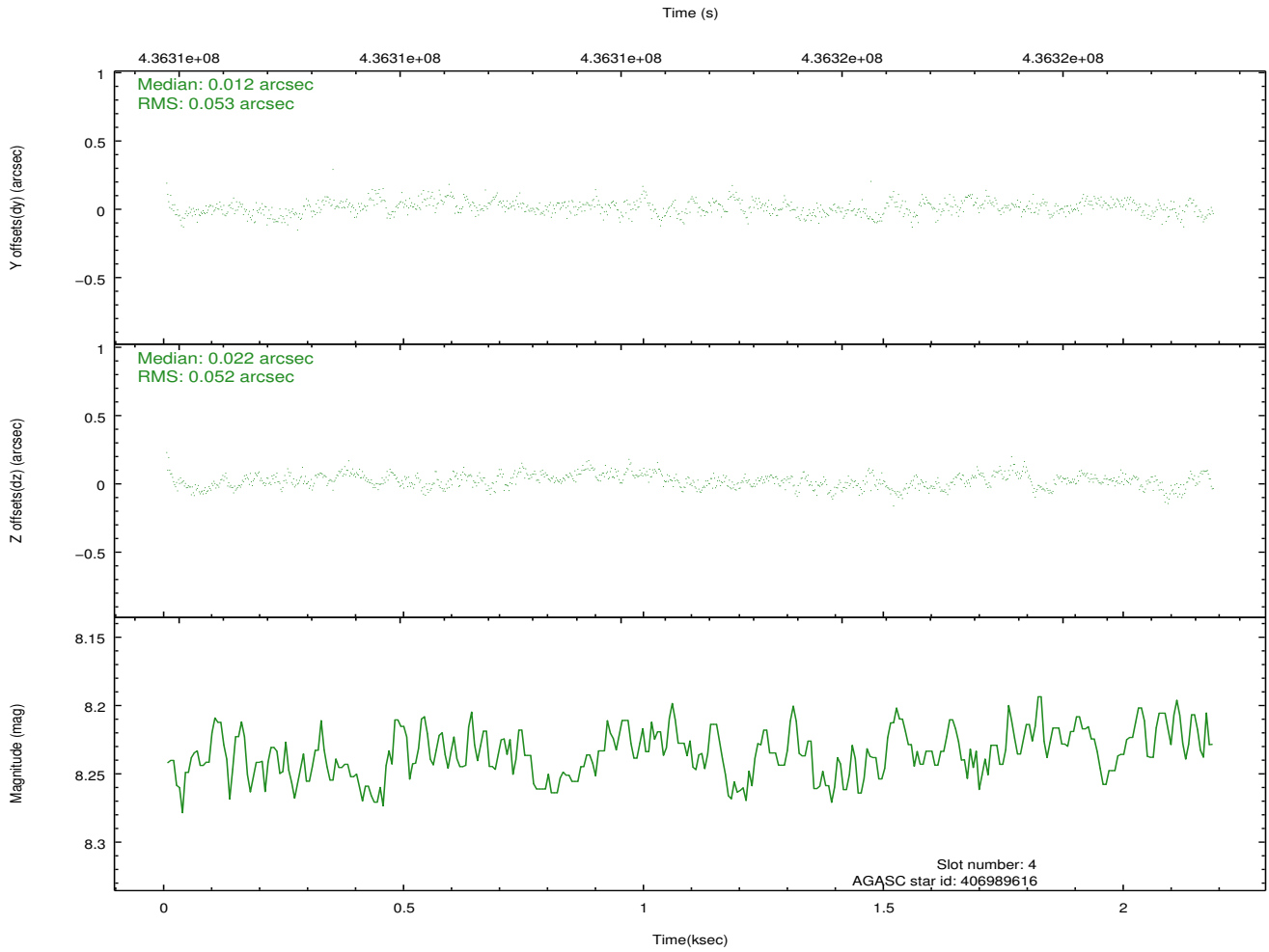
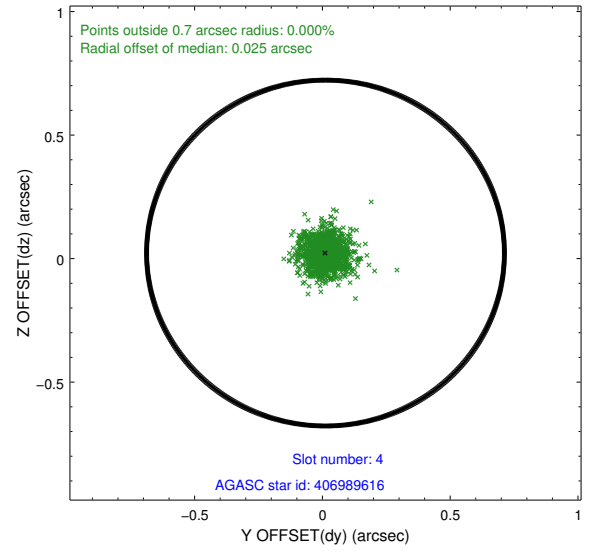
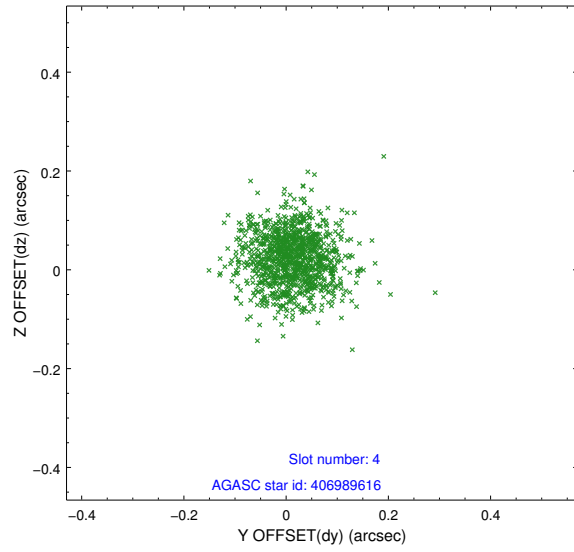
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.93	532	0.205	-0.084	0.007	0.013	0.000000	0.000000	1229.74	-453.95
1	FID	HRC-S-3	6.95	532	-0.059	-0.069	0.006	0.012	0.000000	0.000000	-1170.60	567.34
2	FID	HRC-S-4	6.90	532	0.259	-0.143	0.007	0.014	0.000000	0.000000	1226.16	571.78
3	GUIDE	406985120	7.44	1065	-0.055	-0.086	0.100	0.155	278.839732	38.894839	-770.27	-759.47
4	GUIDE	406989616	8.24	1065	0.012	0.022	0.077	0.125	279.202881	38.520843	888.07	-441.91
5	GUIDE	406993992	7.66	1065	0.165	-0.005	0.084	0.141	279.053714	38.034587	2274.24	-1593.13
6	GUIDE	407521232	8.64	1063	0.025	-0.049	0.100	0.163	279.628883	39.431715	-1531.64	2068.34
7	GUIDE	406987272	6.95	1064	-0.162	0.122	0.076	0.127	278.536588	38.437504	320.62	-2254.61

2.4 Star Slots

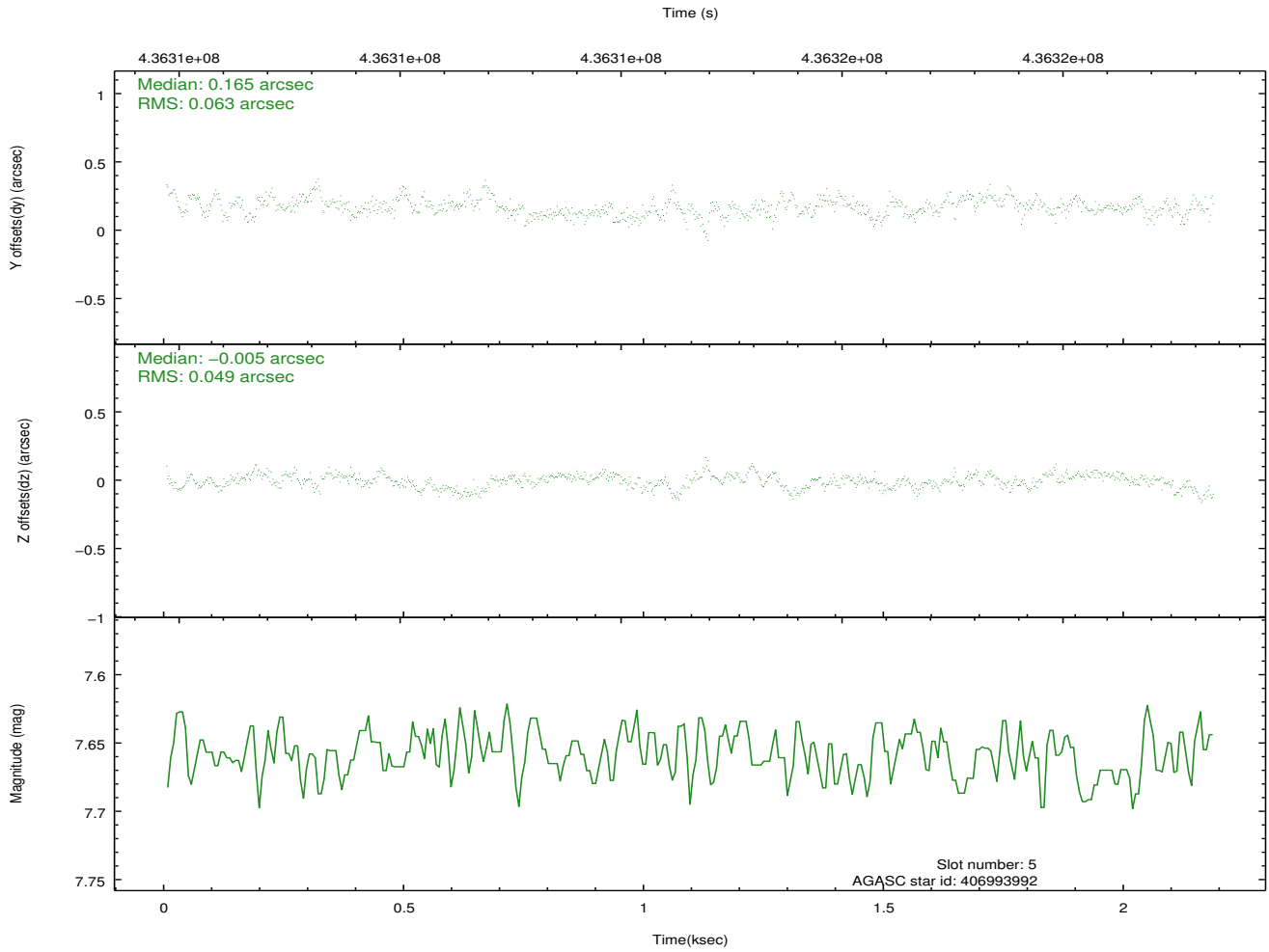
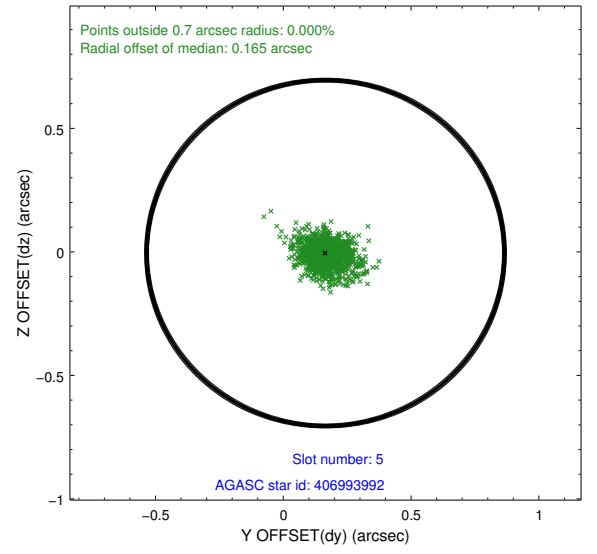
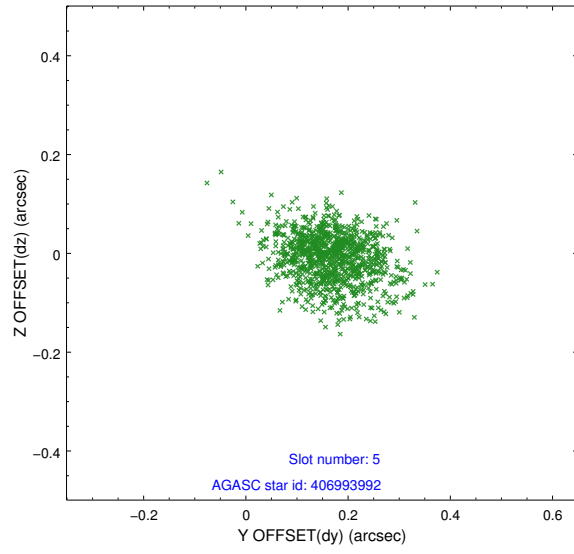
2.4.1 Slot 3



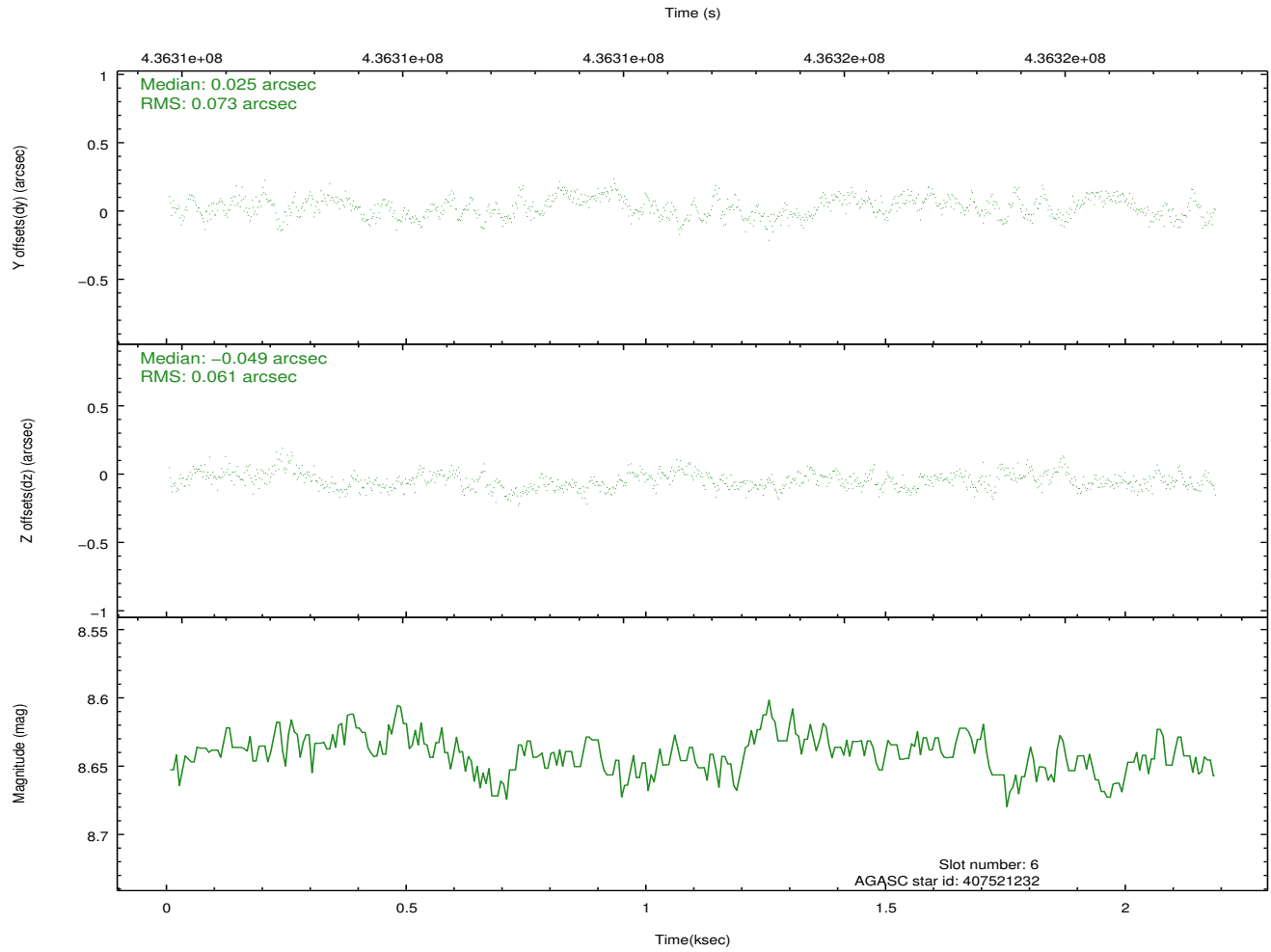
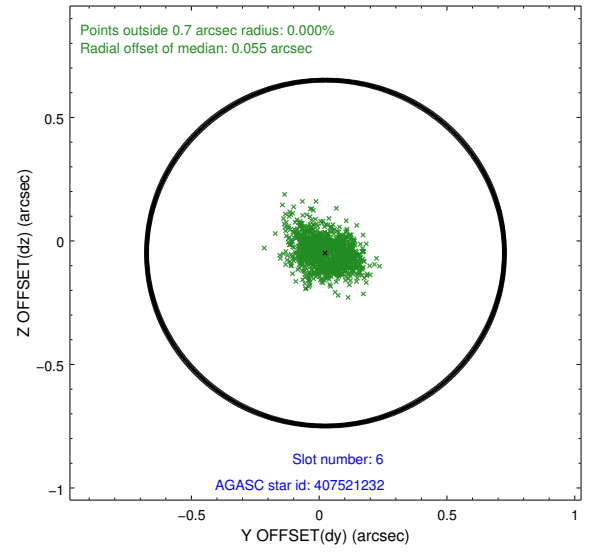
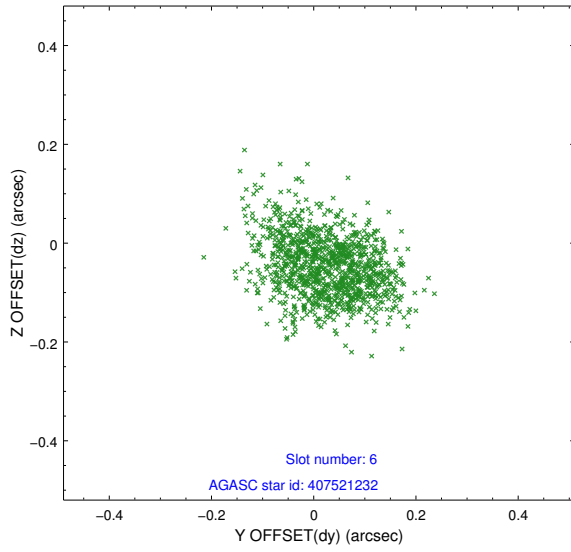
2.4.2 Slot 4



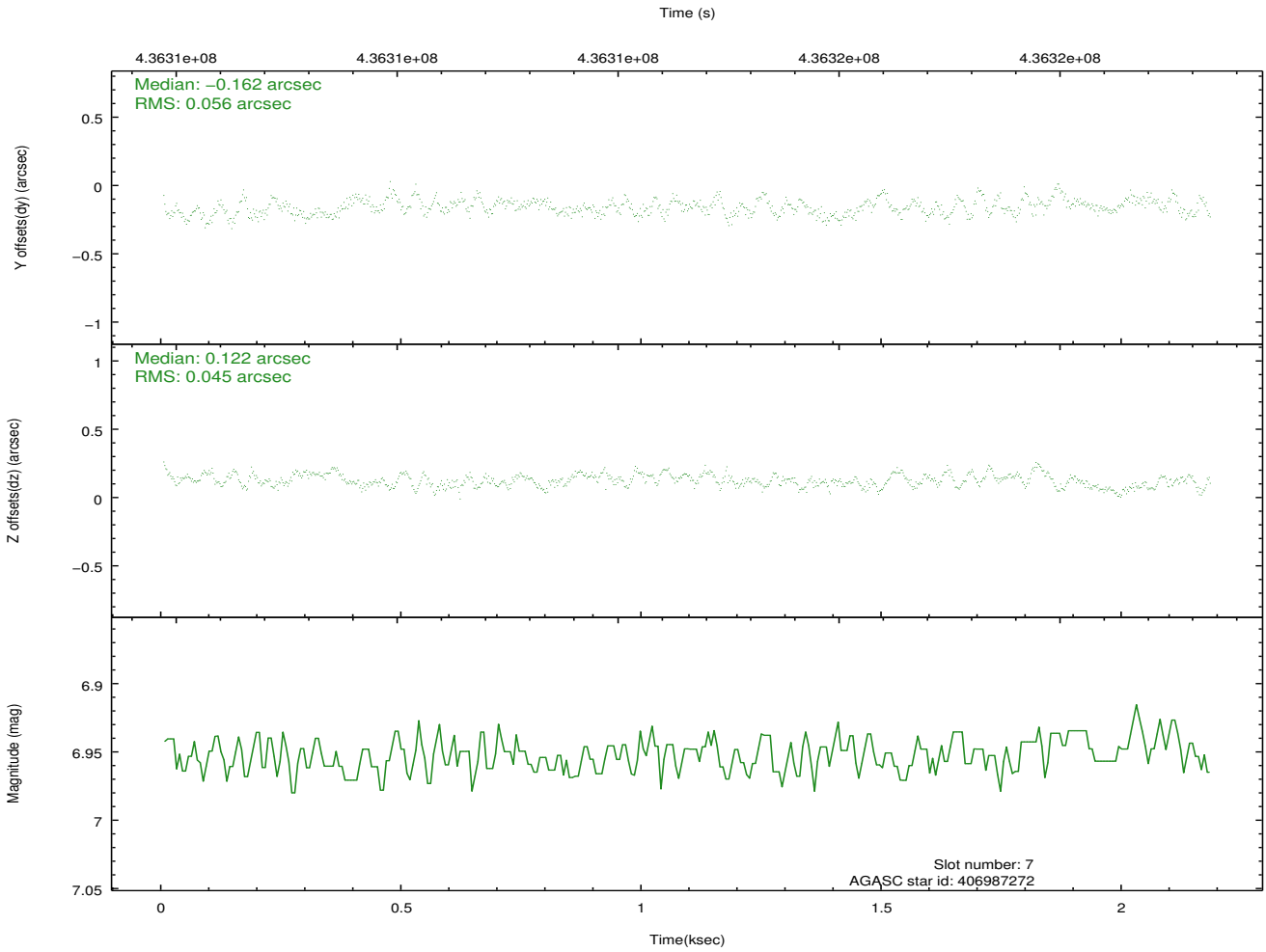
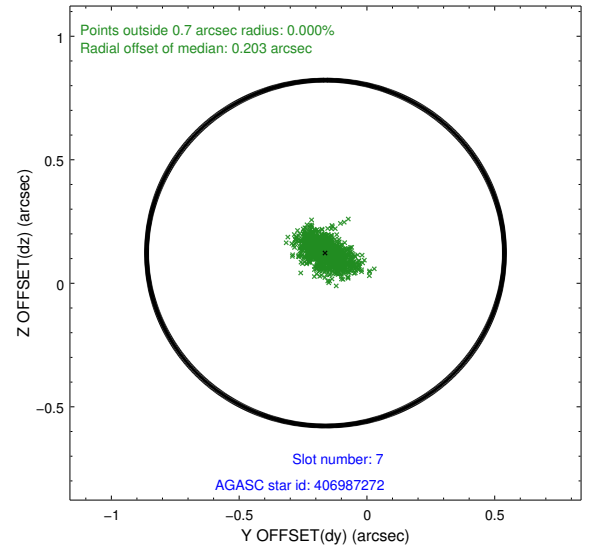
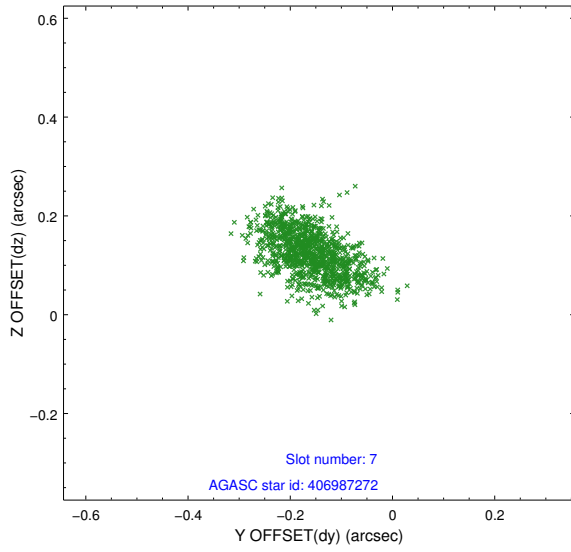
2.4.3 Slot 5



2.4.4 Slot 6

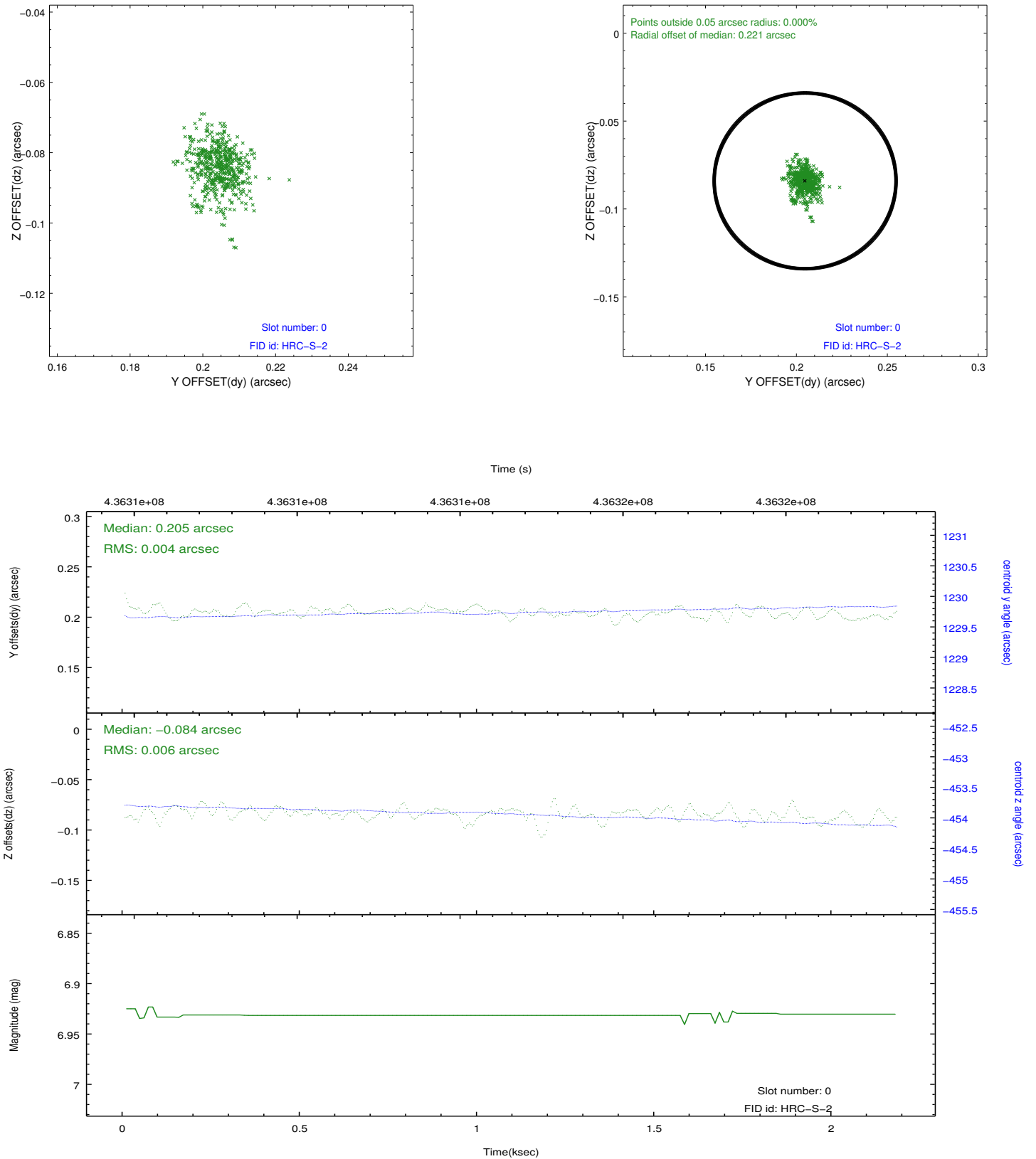


2.4.5 Slot 7

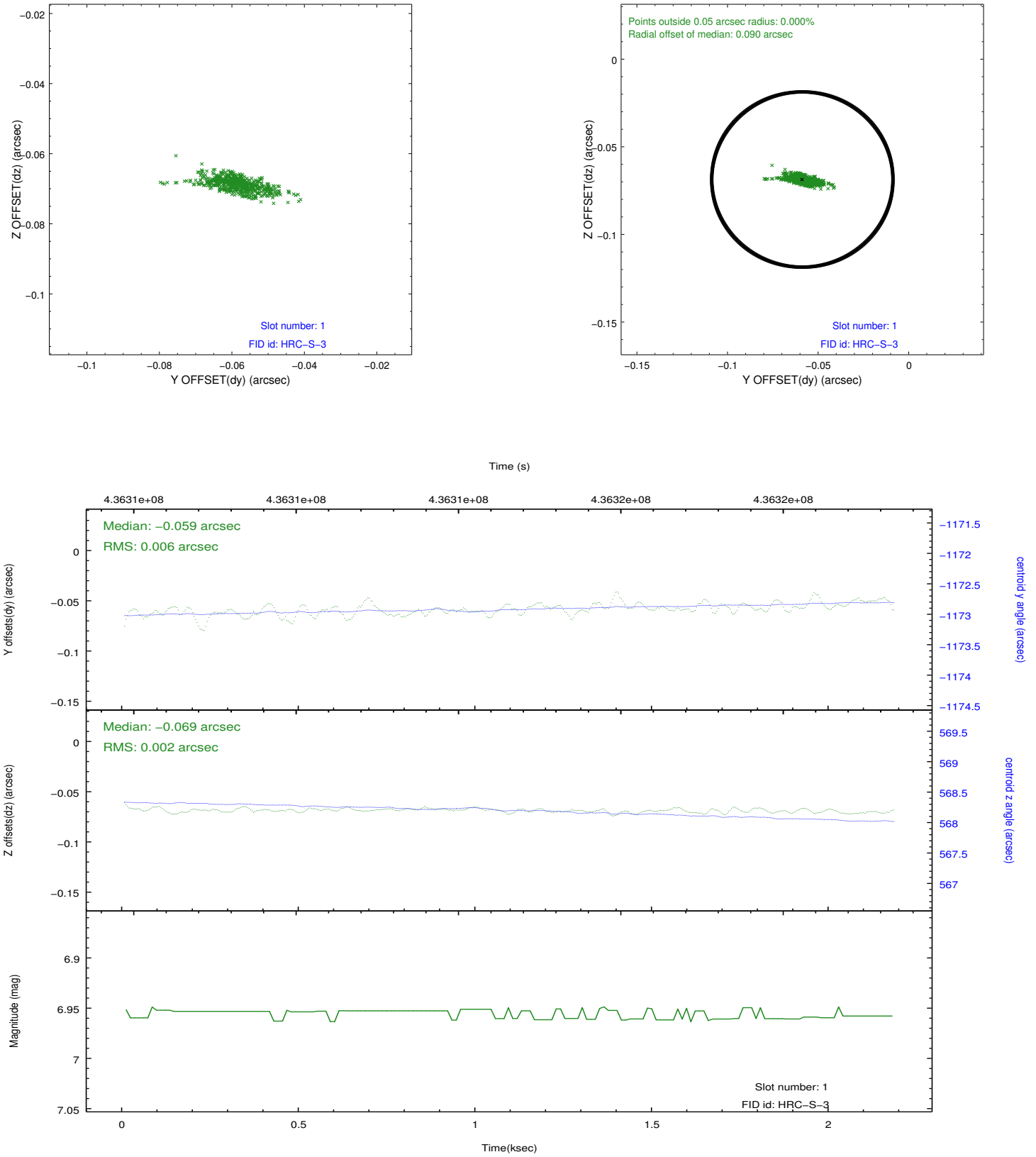


2.5 FID Slots

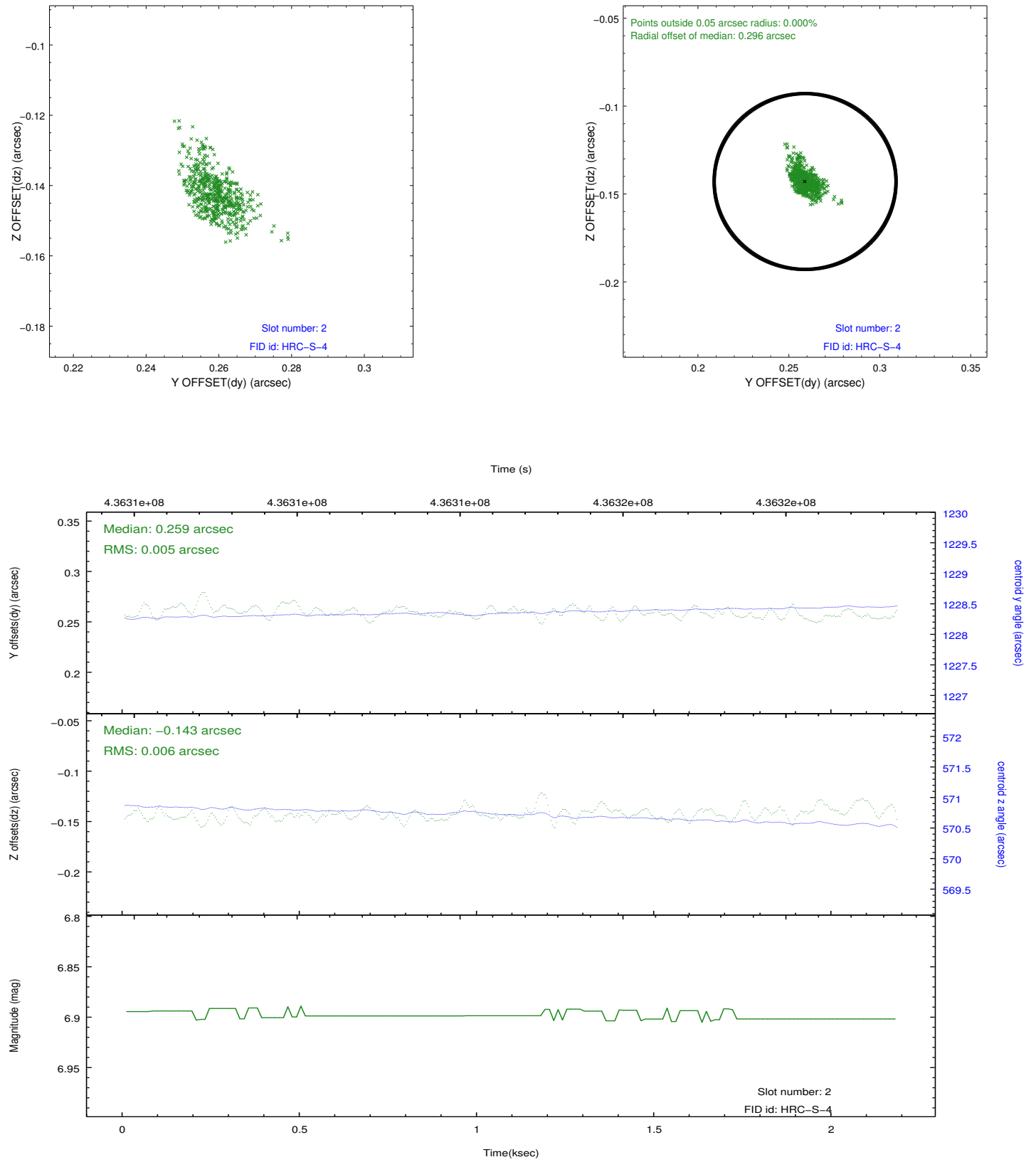
2.5.1 Slot 0



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)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1568563637733

A.2 Comments

Window constraint met.