

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9631 - L2 Version 3
Chandra X-Ray Center

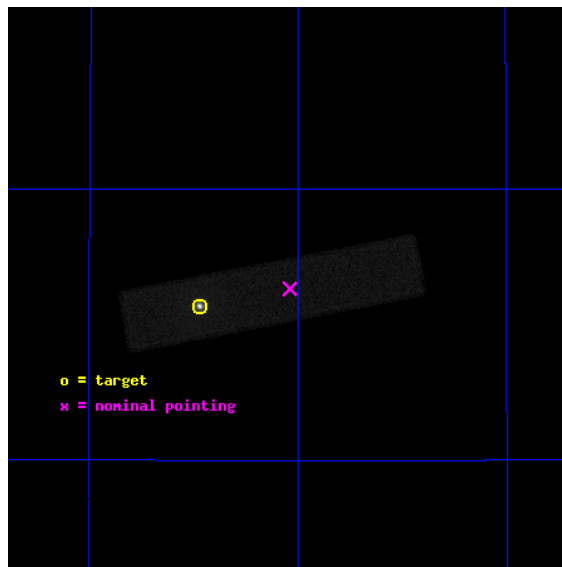
L2 Processing Date : Aug 12 2012

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1 Front

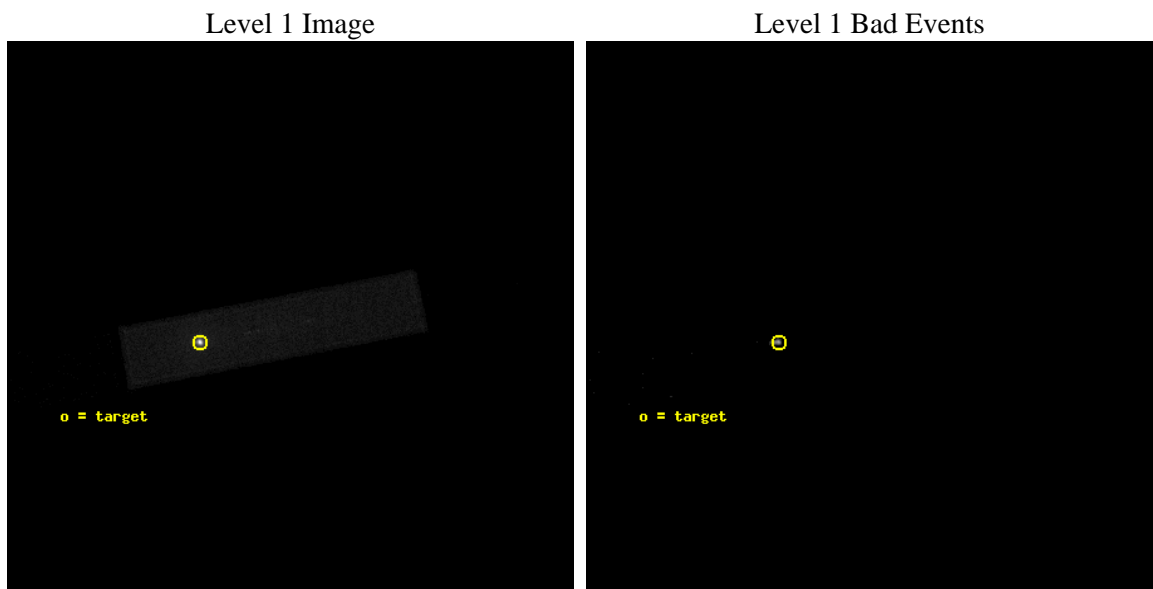
seq_num	290754	Sequence number
obs_id	9631	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.01925149559	Nominal RA [deg]
dec_nom	38.817104259467	Nominal Dec [deg]
roll_nom	169.02174855099	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.581356883	[s]
livetime	1737.7059421034	Ontime multiplied by DTCOR
l2events	380967	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	2186.581356883	[s]
caldbver	4.5.1.1	 	l1events	452860	Number of level 1 events
date	2012-08-12T13:37:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

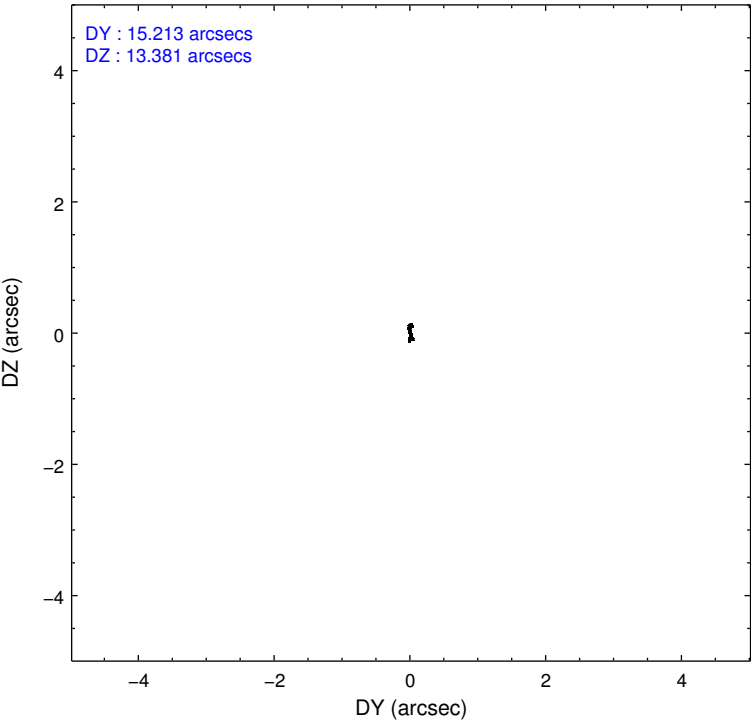
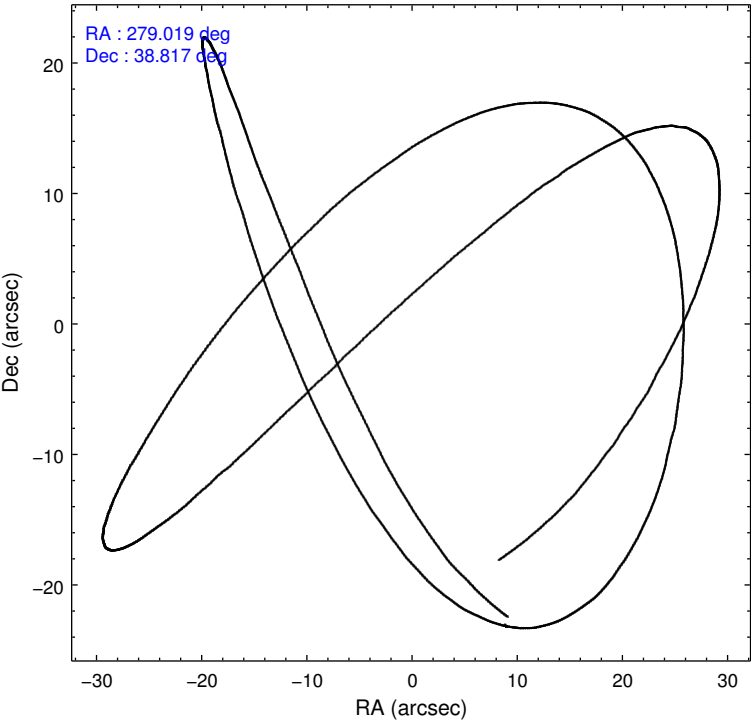
	segment 1	segment 2	segment 3
level 1 events	5614	446612	634
rejected events	5574	43434	634
rejected %	99%	9%	100%

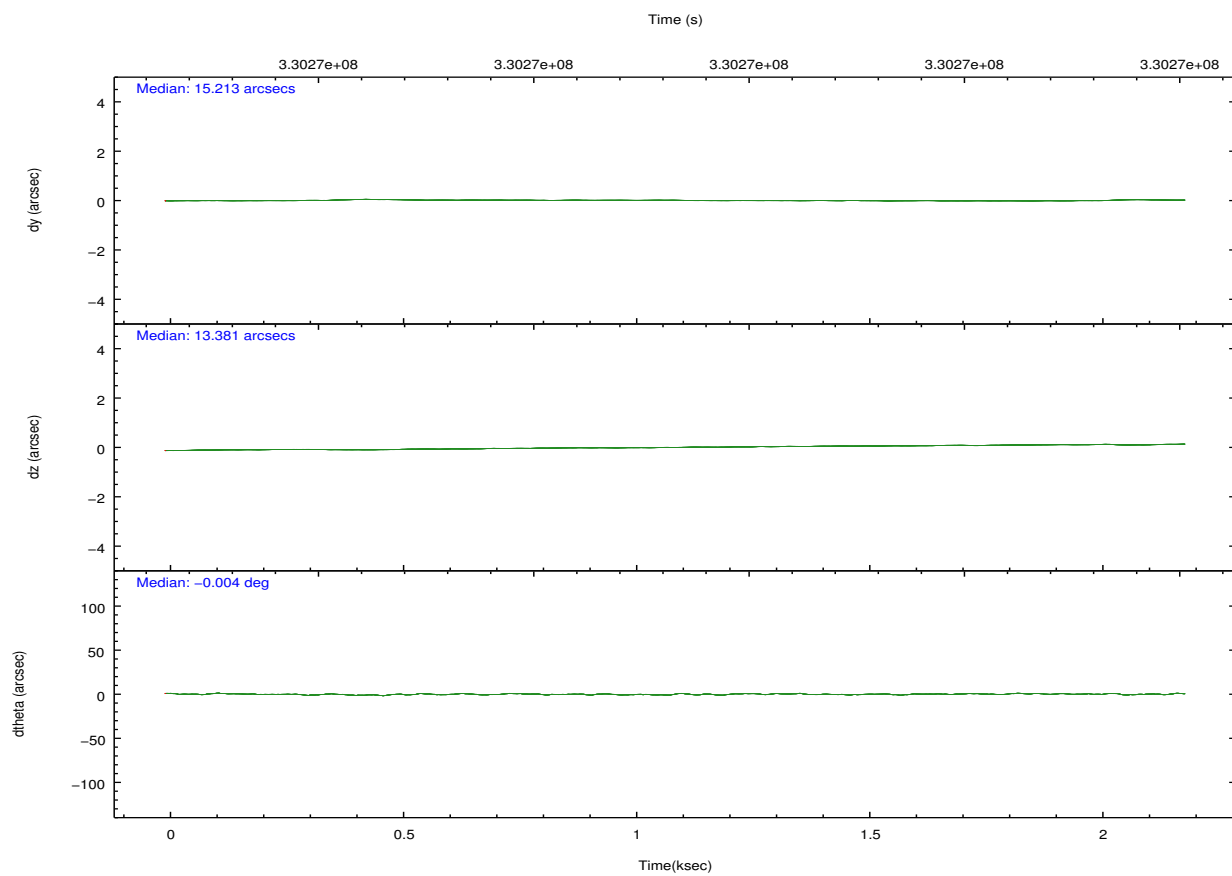
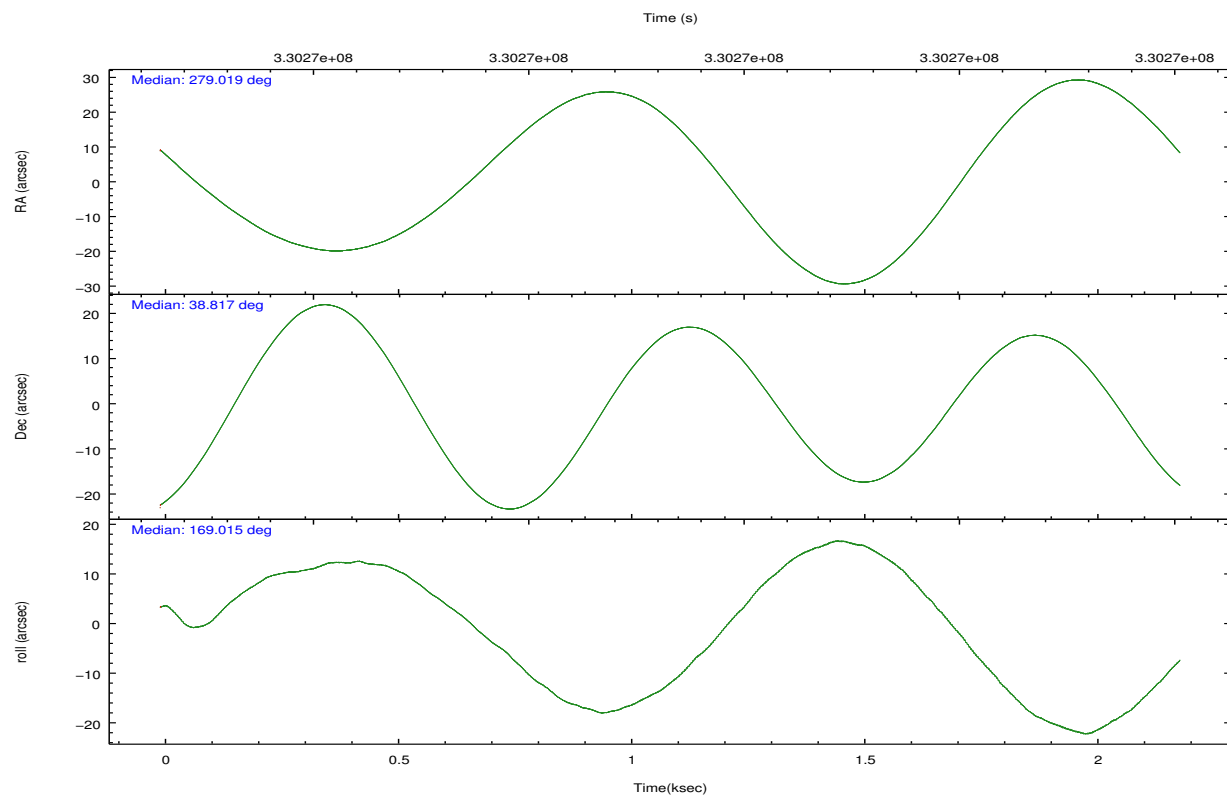
2.2 Compared Parameters

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	279.053369	279.01925149559
[deg] Pointing Dec	38.827574	38.81710425946749
[deg] Pointing Roll	168.932978	169.0217485509929
[s] Window start time (MET)	328665665.184000	328665665.184000
[s] Window stop time (MET)	336528065.184000	336528065.184000
[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)	330266415.184000	330266039.61959
Observation start date	2008-06-19T12:39:10	2008-06-19T12:33:59
[s] Observation end time (MET)	330268415.184000	330268549.84472
Observation end date	2008-06-19T13:12:30	2008-06-19T13:15:49

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

2.3 Aspect



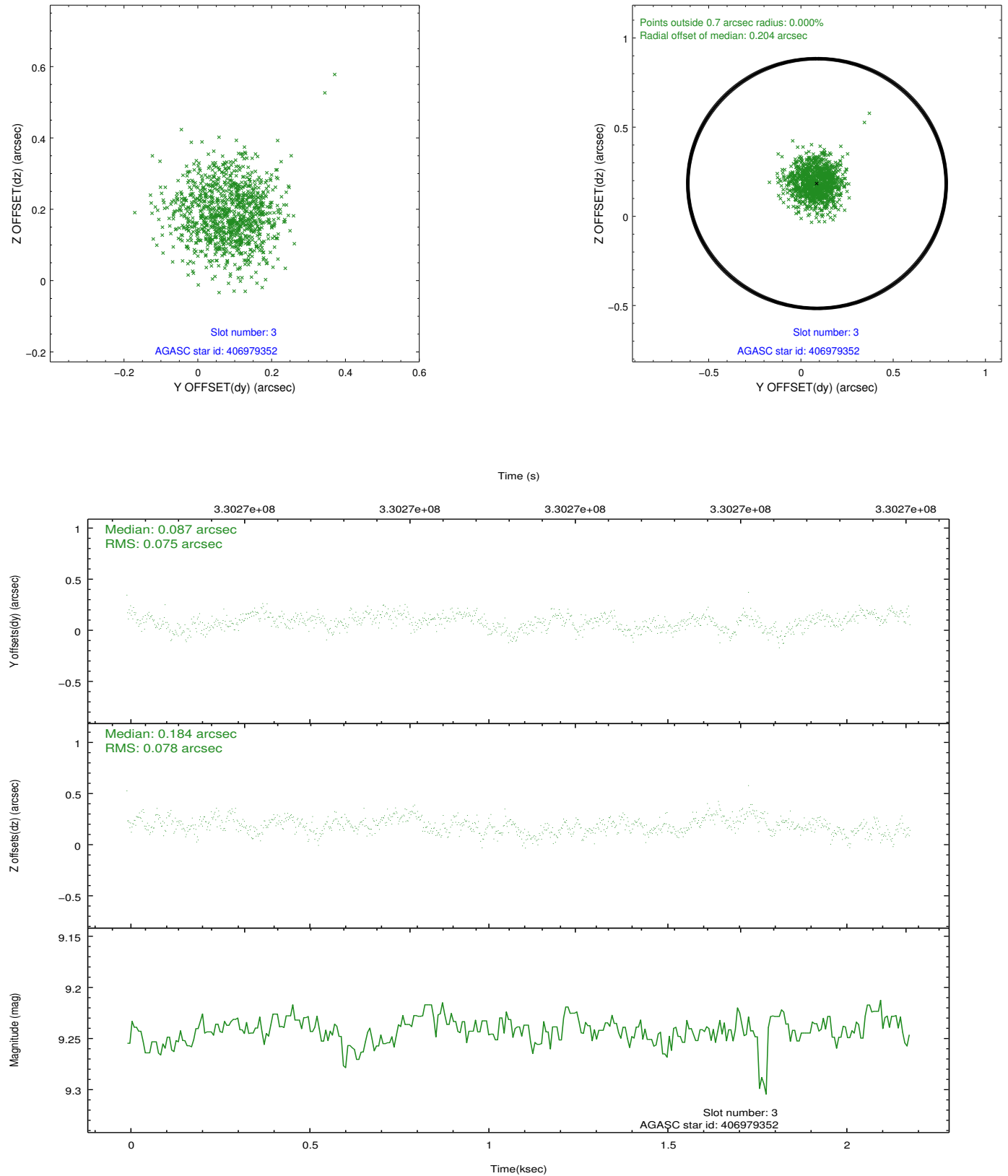


Slot Statistics

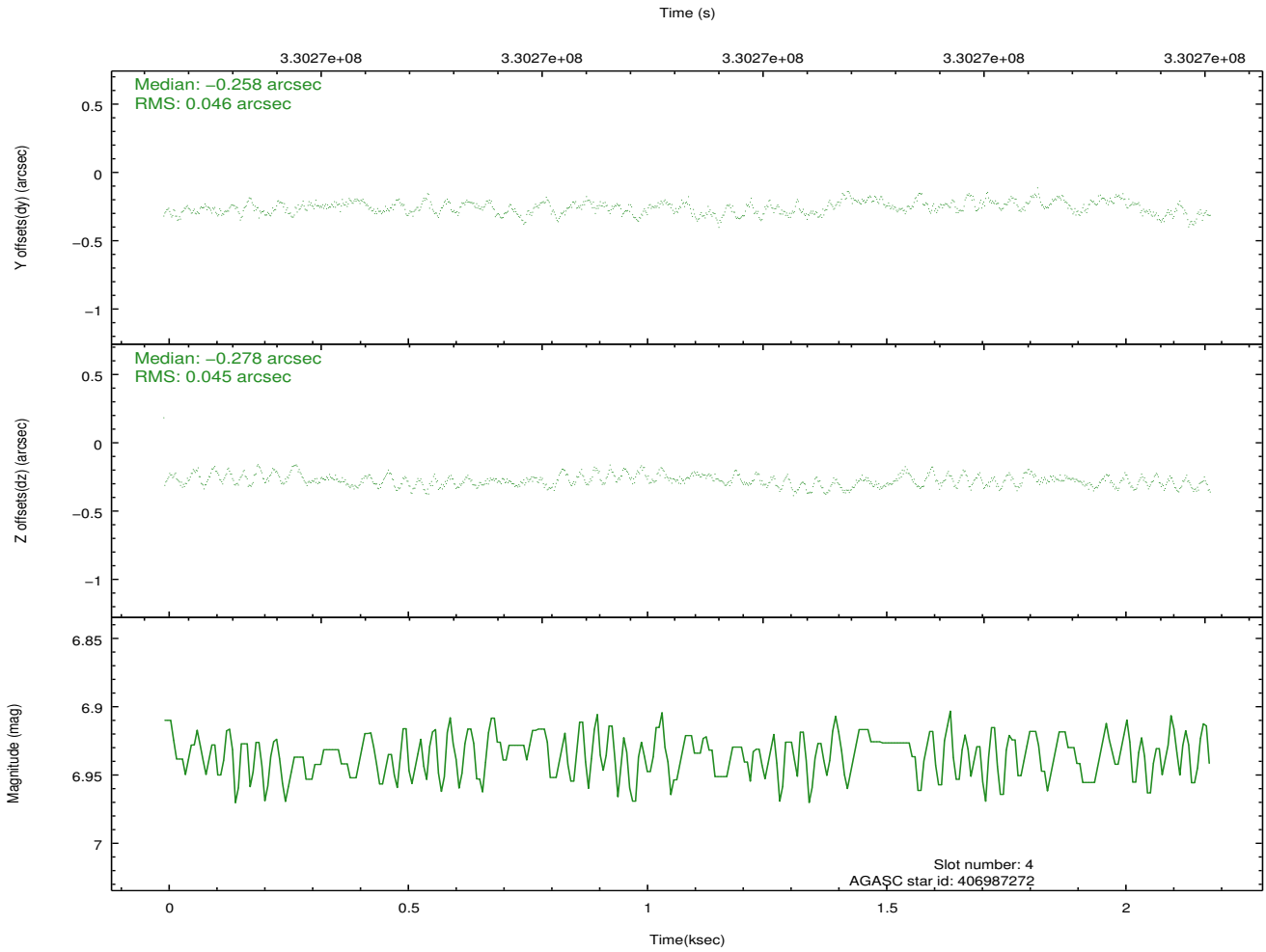
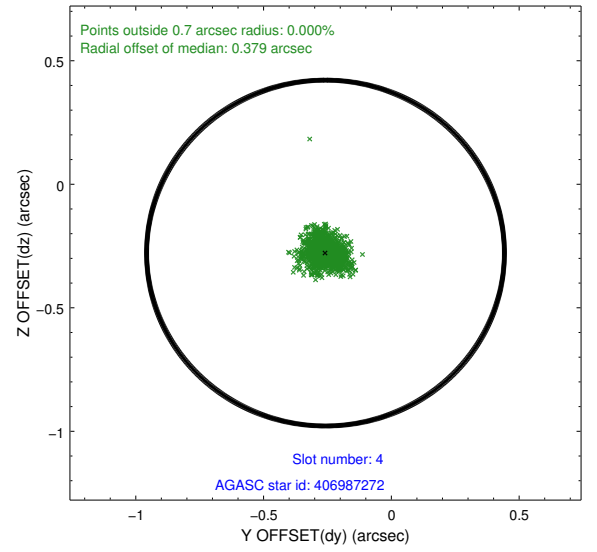
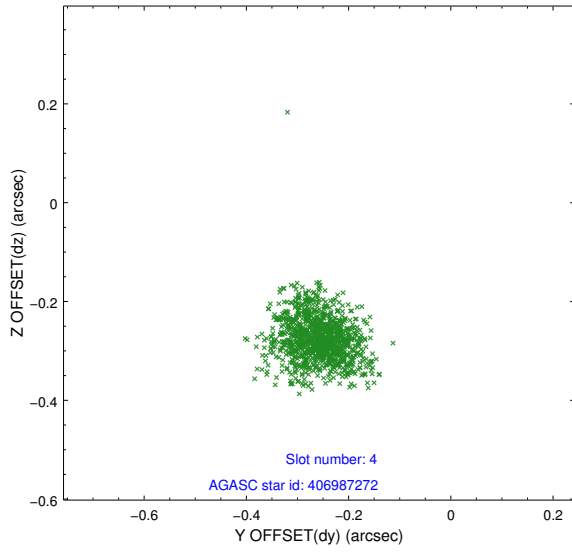
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	534	0.073	-0.162	0.008	0.013	0.000000	0.000000	-1169.62	-462.21
1	FID	HRC-S-2	6.97	534	0.196	-0.104	0.005	0.009	0.000000	0.000000	1227.97	-455.62
2	FID	HRC-S-3	7.00	534	0.120	-0.036	0.008	0.013	0.000000	0.000000	-1170.01	566.58
3	GUIDE	406979352	9.24	1068	0.087	0.184	0.115	0.180	279.968297	39.230258	-2223.06	-1922.76
4	GUIDE	406987272	6.93	1068	-0.258	-0.278	0.067	0.108	278.536588	38.437504	1159.53	1652.69
5	GUIDE	406989616	8.22	1068	0.080	-0.142	0.074	0.122	279.202881	38.520843	-623.80	1005.03
6	GUIDE	407510432	8.14	1068	0.044	0.077	0.099	0.155	278.762778	39.530640	1278.11	-2328.04
7	GUIDE	407521232	8.63	1066	0.043	0.156	0.094	0.153	279.628883	39.431715	-1150.26	-2447.62

2.4 Star Slots

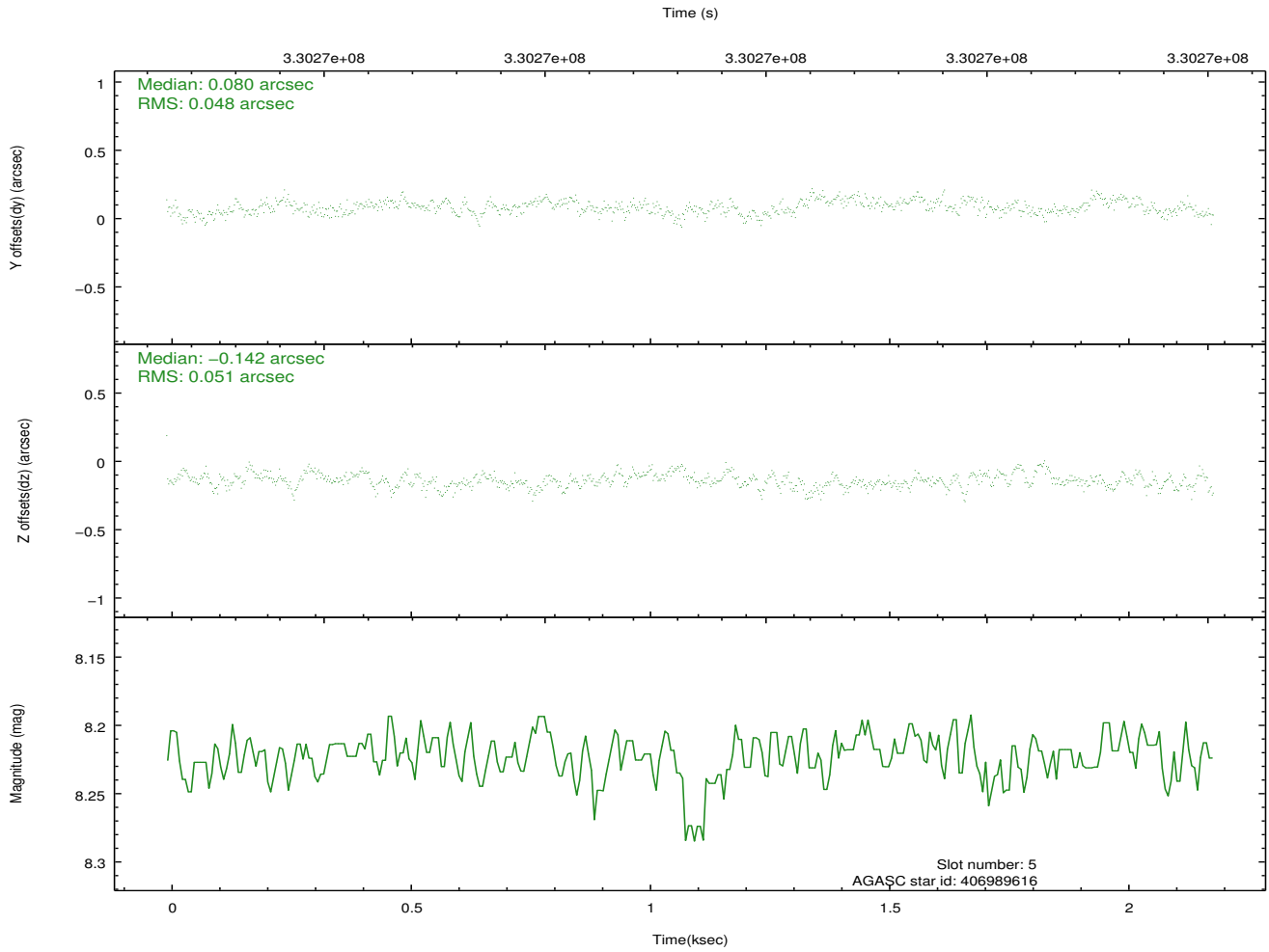
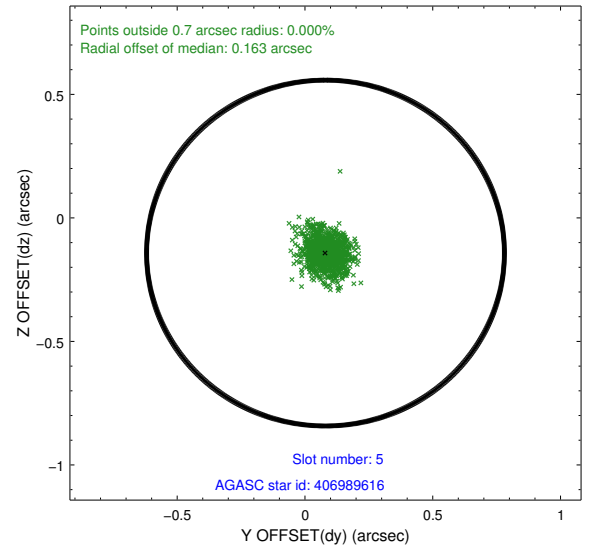
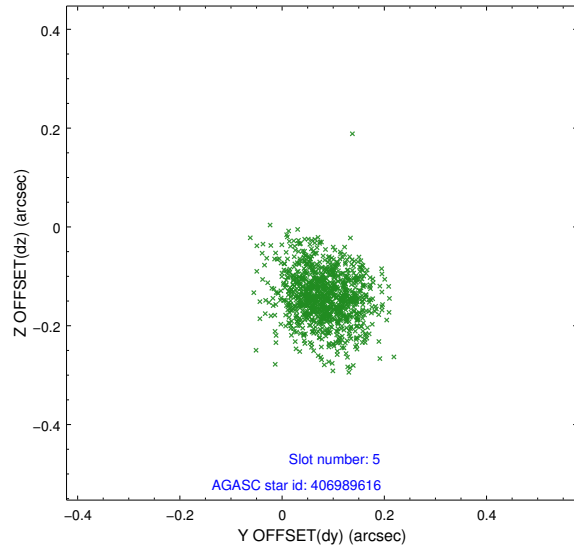
2.4.1 Slot 3



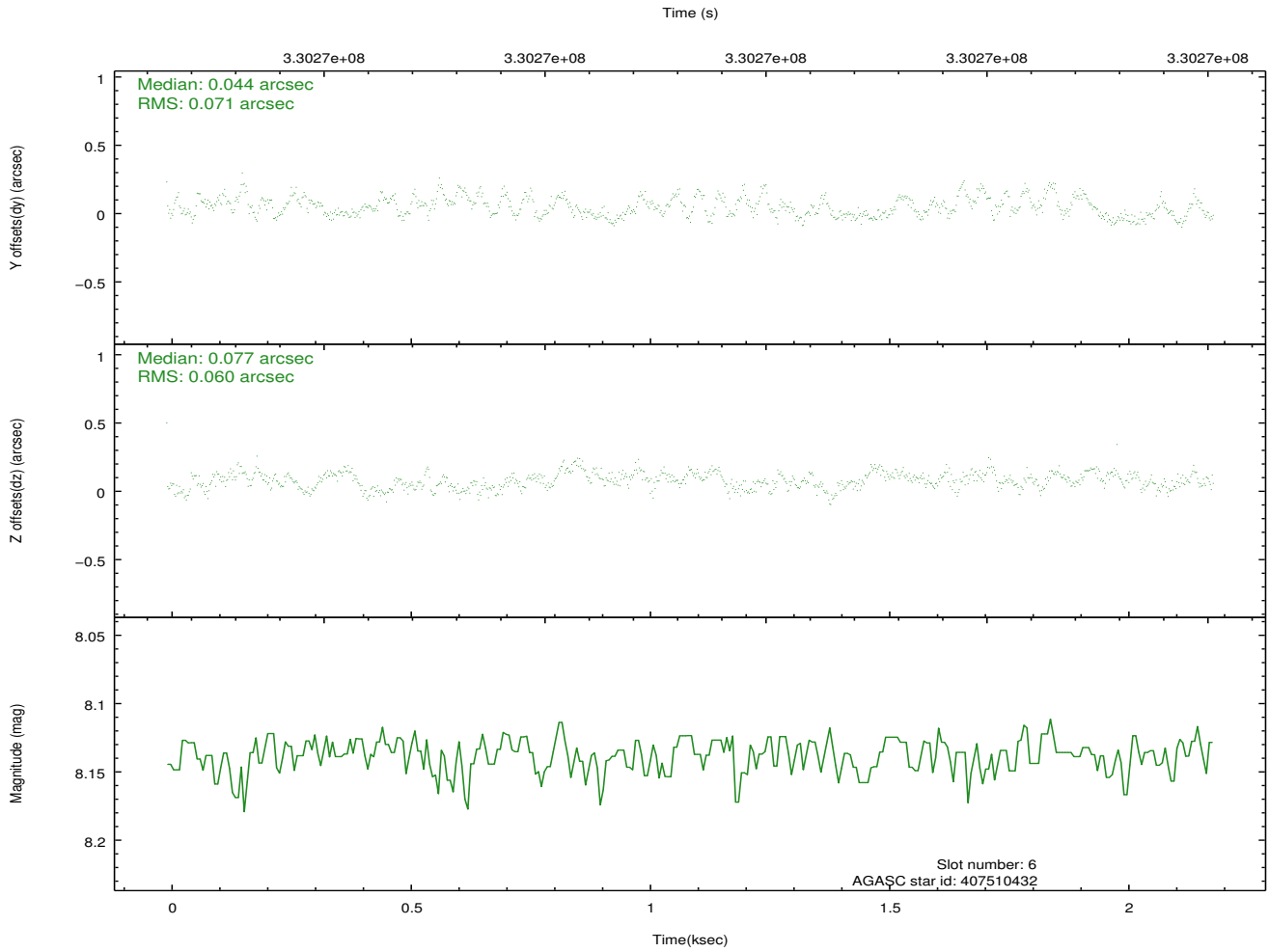
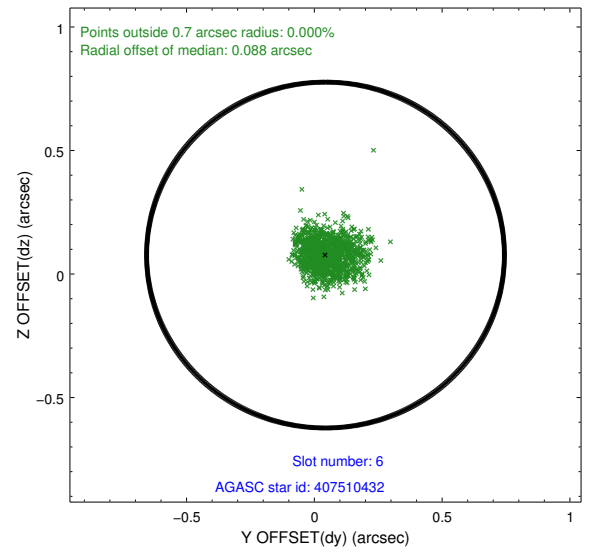
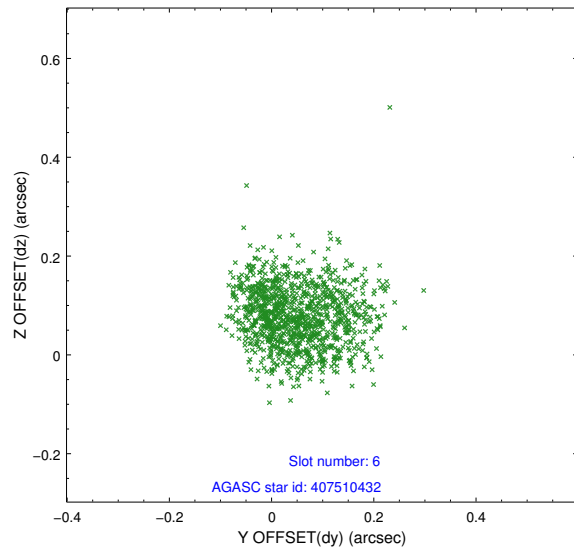
2.4.2 Slot 4



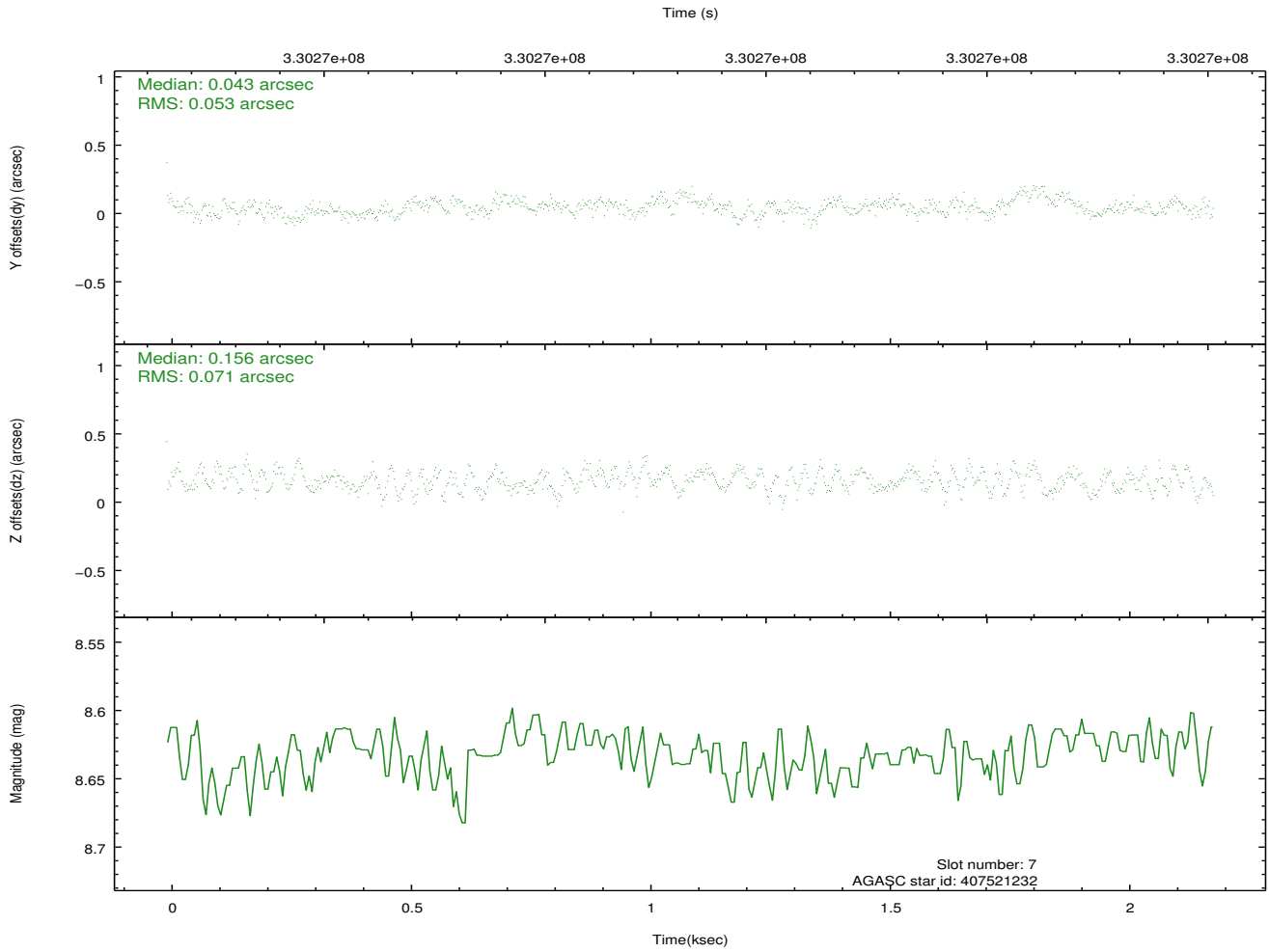
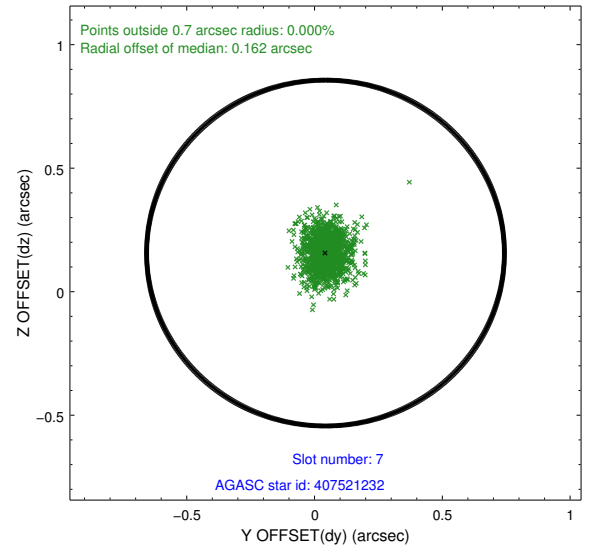
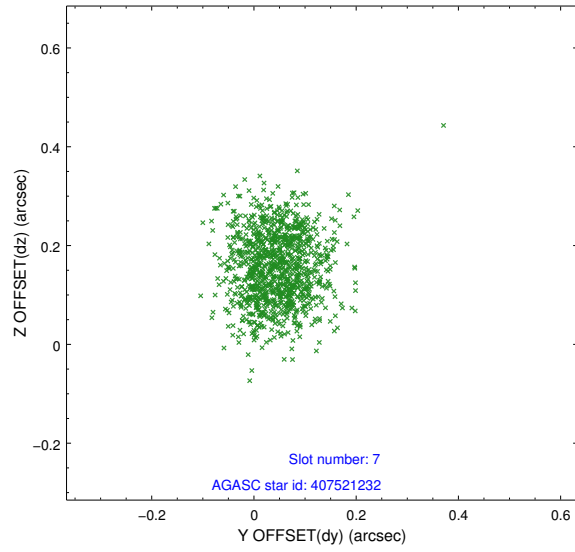
2.4.3 Slot 5



2.4.4 Slot 6

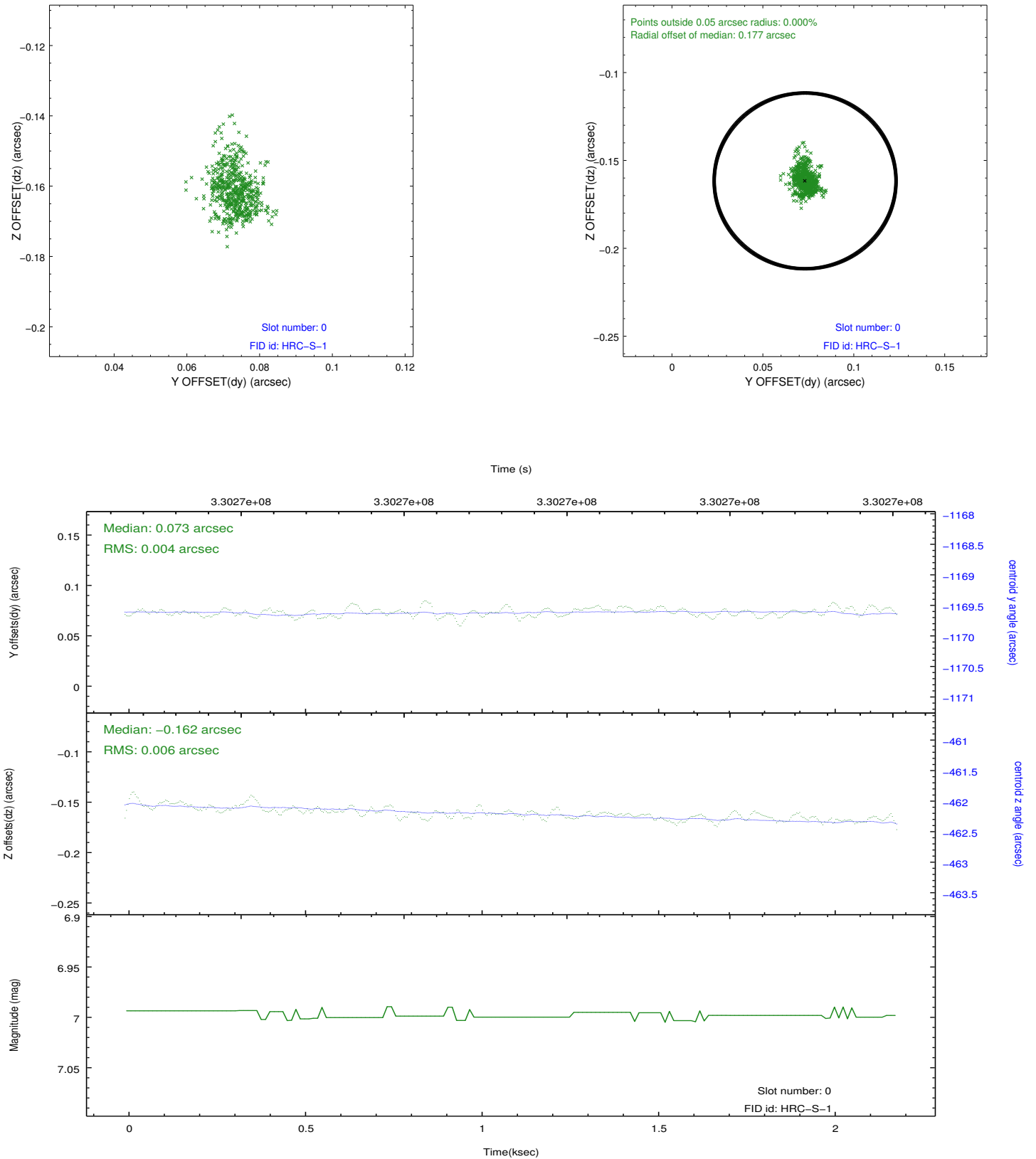


2.4.5 Slot 7

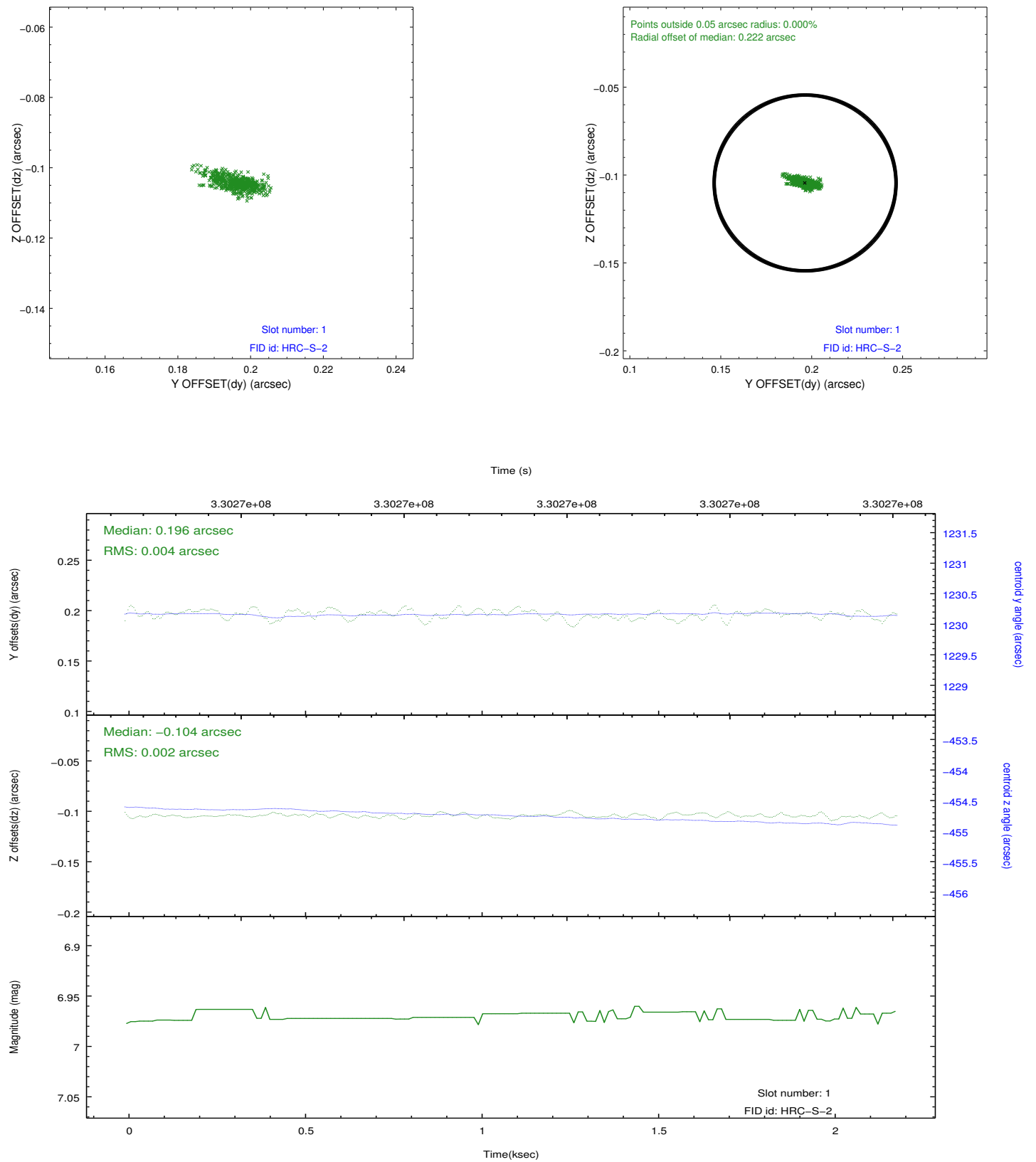


2.5 FID Slots

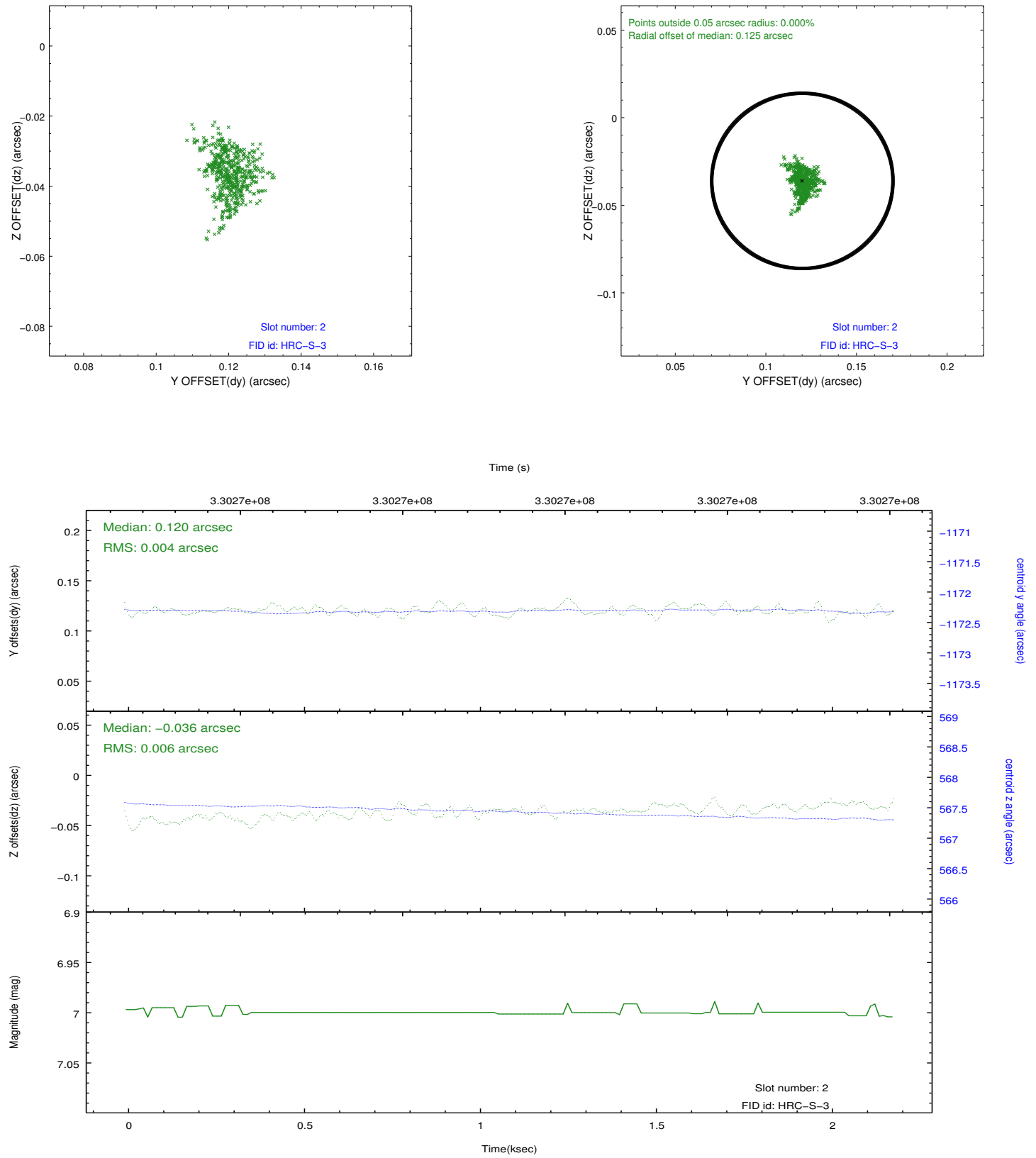
2.5.1 Slot 0



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	2.18658135

A.2 Comments

Window preference met.