

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9627 - L2 Version 3
Chandra X-Ray Center

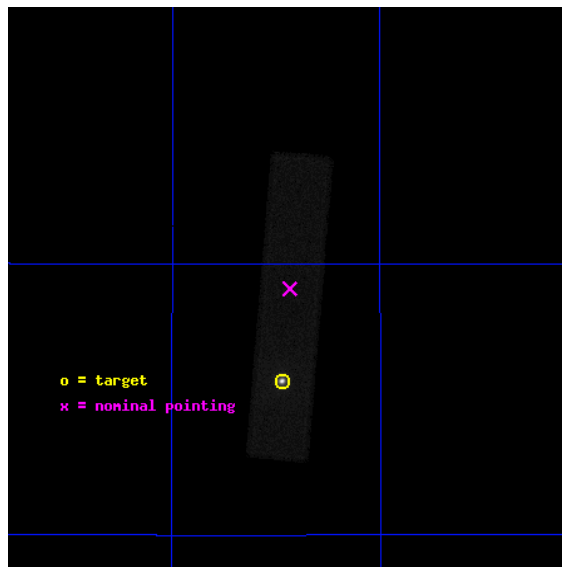
L2 Processing Date : Aug 12 2012

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1 Front

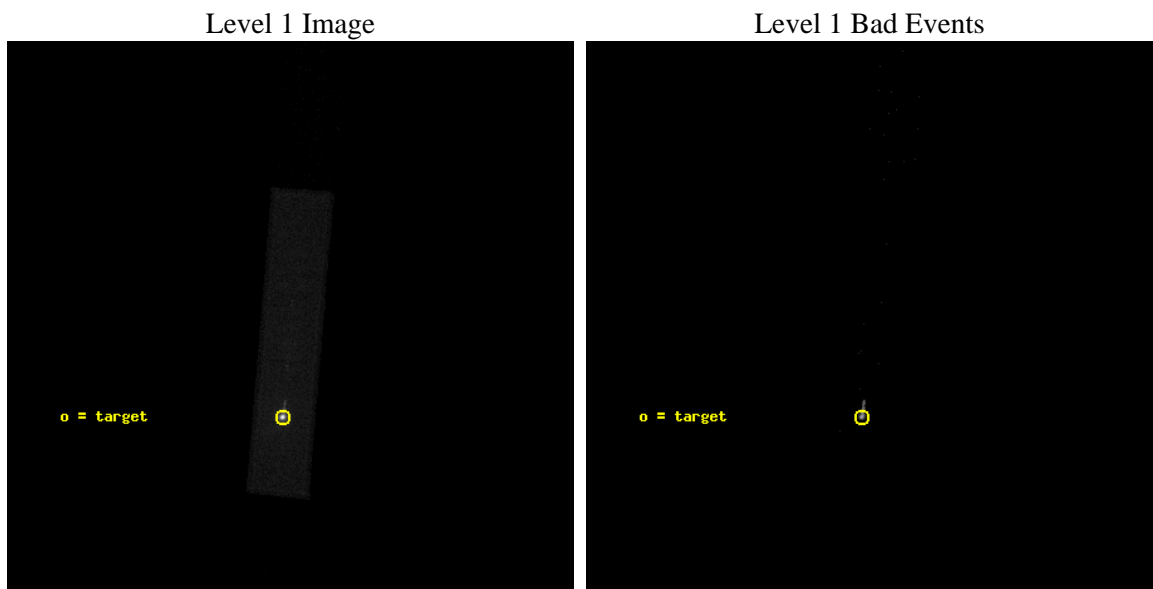
seq_num	290750	Sequence number
obs_id	9627	Observation id
title	AO9 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.2172168659	Nominal RA [deg]
dec_nom	38.954643812275	Nominal Dec [deg]
roll_nom	94.766585513354	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2151.4751047492	[s]
livetime	1697.5191881096	Ontime multiplied by DTCOR
l2events	374716	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	2151.4751047492	[s]
caldsver	4.5.1.1	 	l1events	453719	Number of level 1 events
date	2012-08-12T11:27:14	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

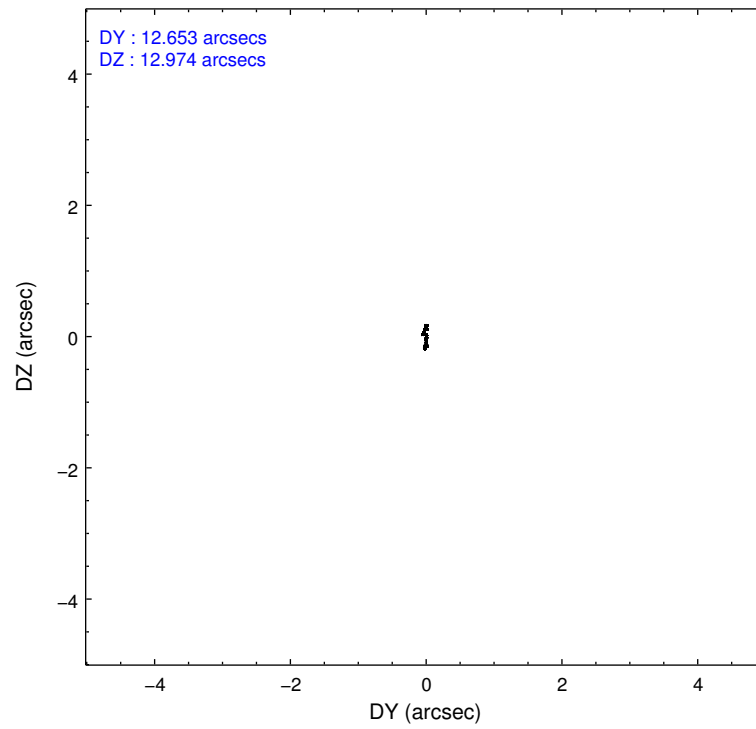
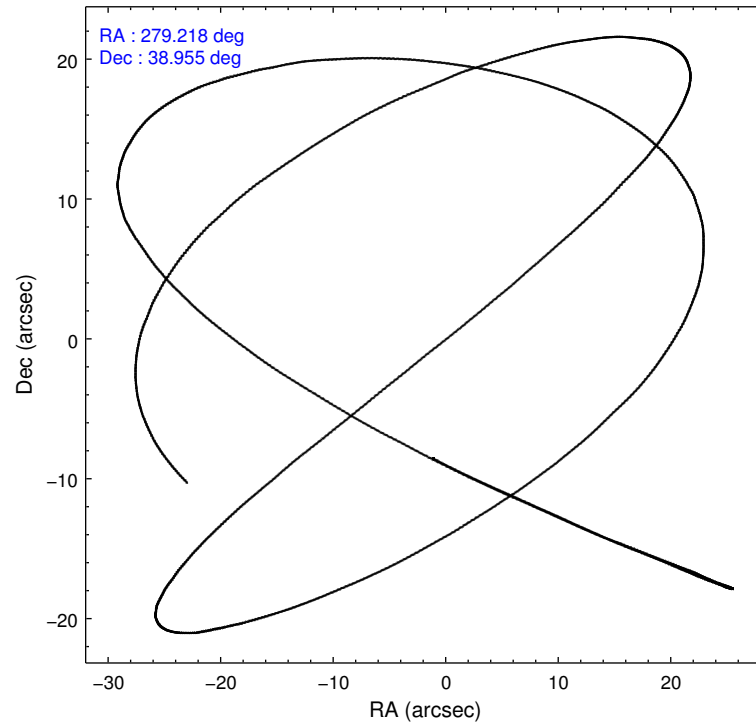
	segment 1	segment 2	segment 3
level 1 events	1293	446201	6225
rejected events	1293	49495	6191
rejected %	100%	11%	99%

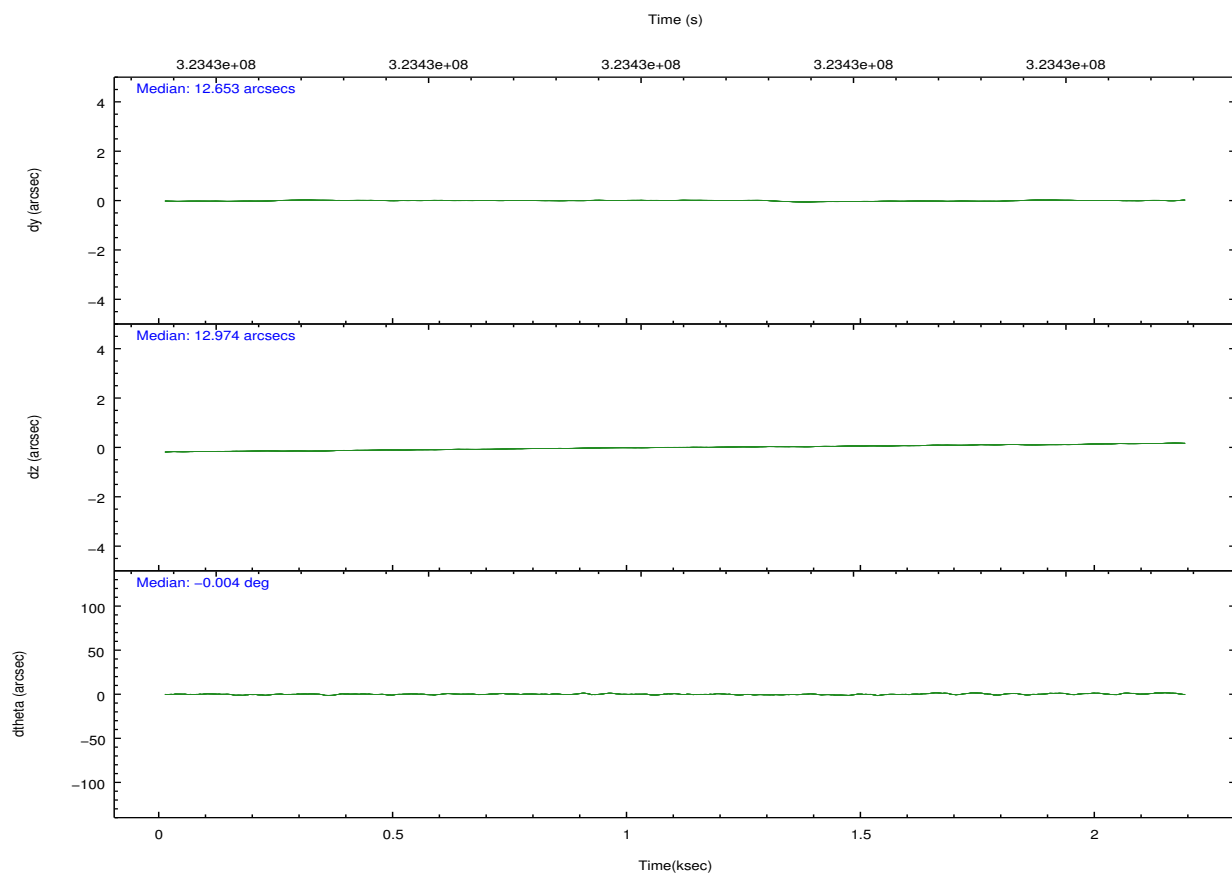
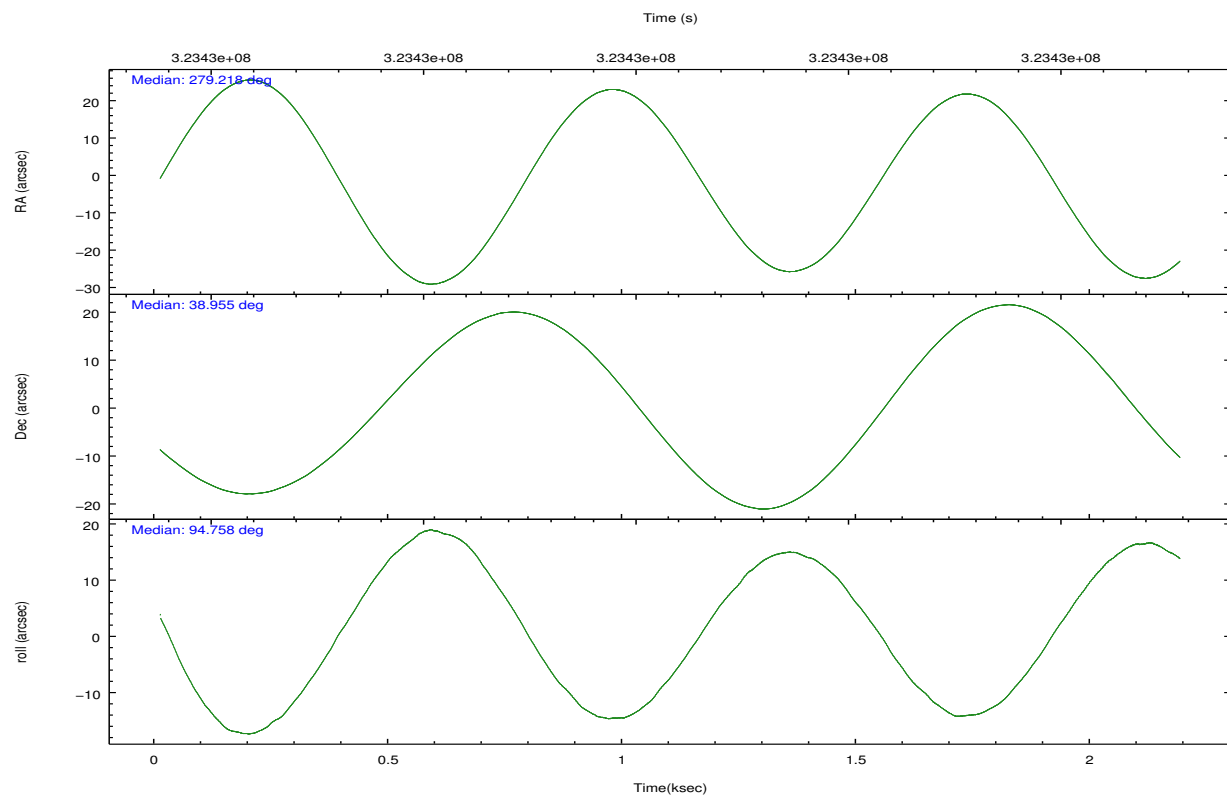
2.2 Compared Parameters

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	279.239598	279.2172168659031
[deg] Pointing Dec	38.931896	38.9546438122753
[deg] Pointing Roll	94.685194	94.766585513354
[s] Window start time (MET)	320716865.184000	320716865.184000
[s] Window stop time (MET)	328579265.184000	328579265.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	323427171.184000	323426794.94859
Observation start date	2008-04-01T08:51:46	2008-04-01T08:46:34
[s] Observation end time (MET)	323429171.184000	323429304.66121
Observation end date	2008-04-01T09:25:06	2008-04-01T09:28:24

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

2.3 Aspect



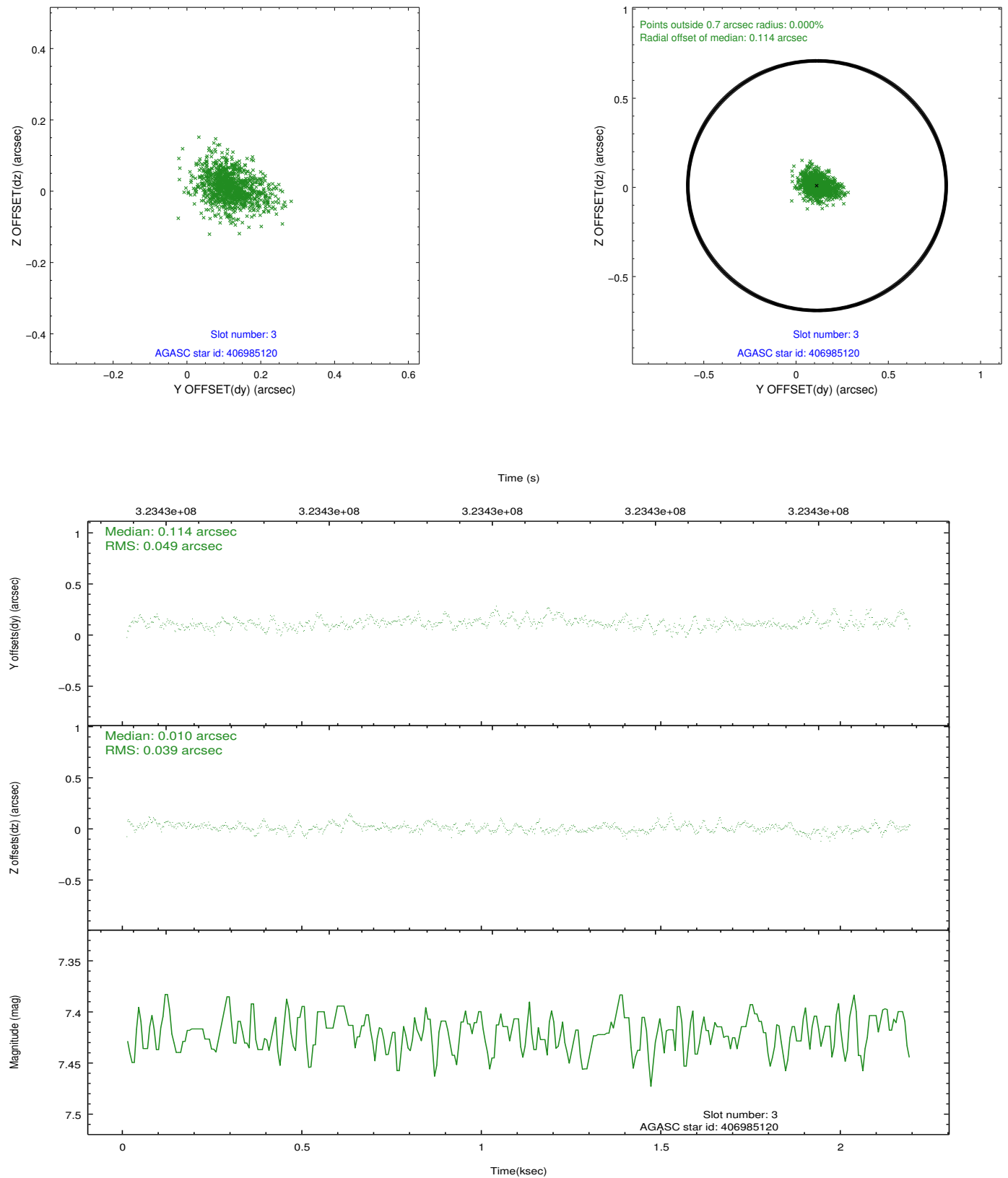


Slot Statistics

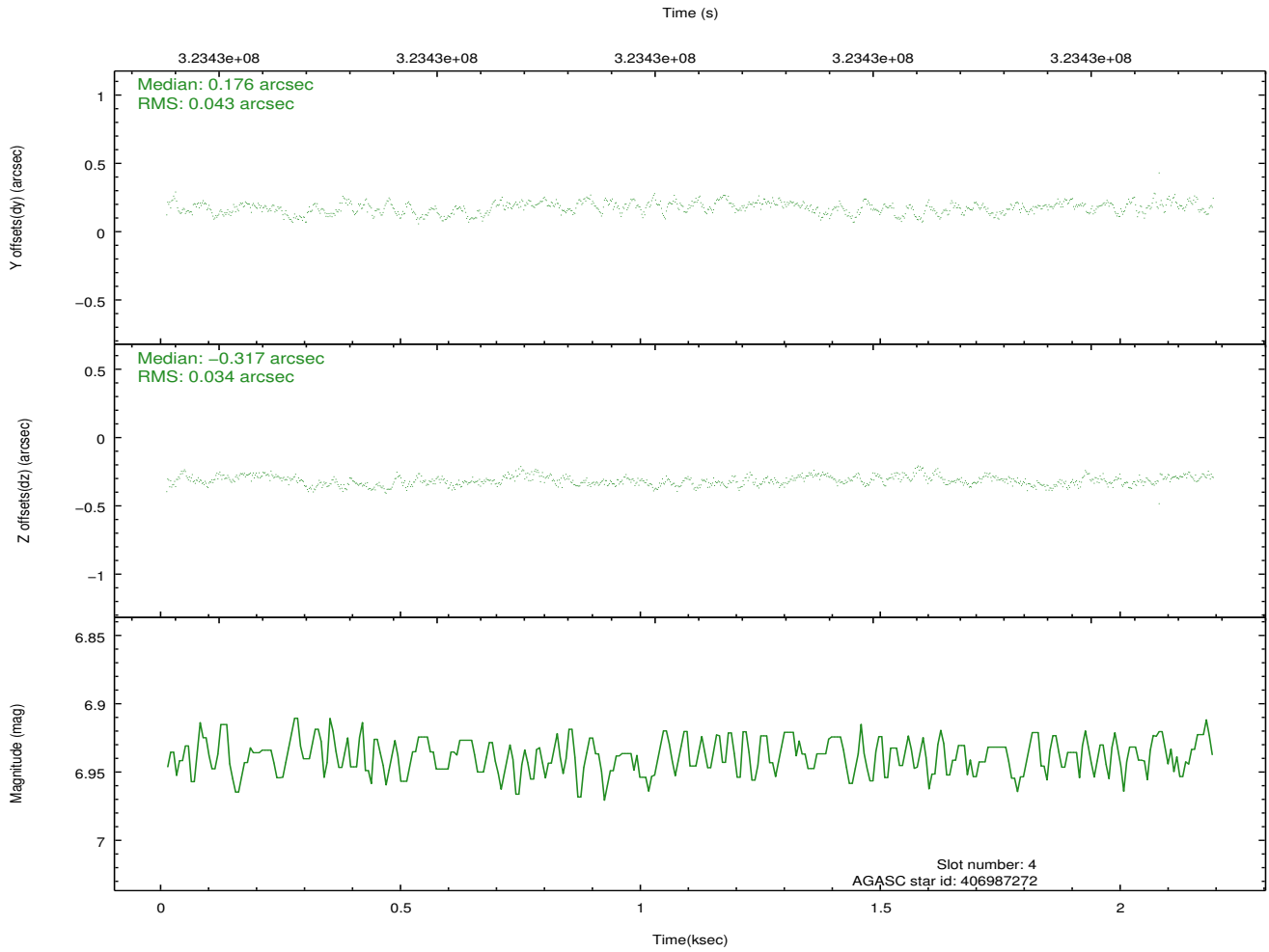
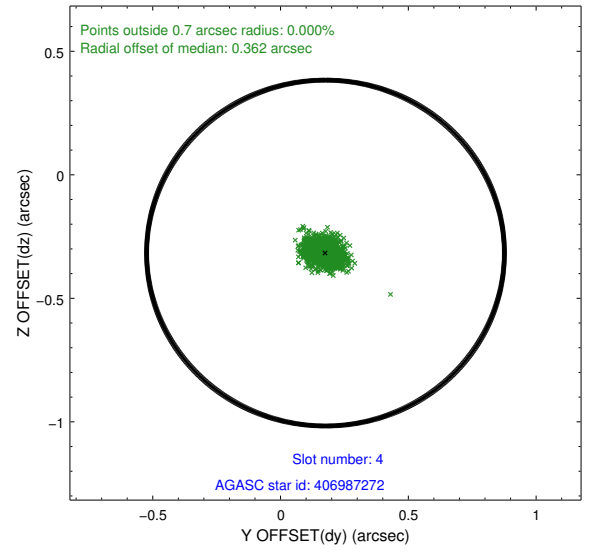
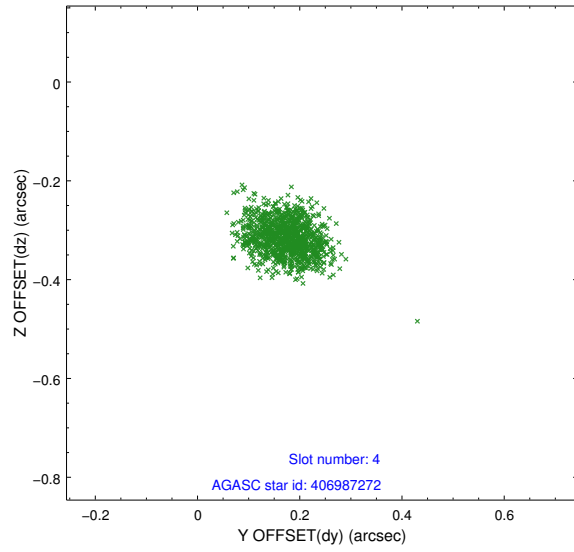
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	532	0.088	-0.120	0.007	0.014	0.000000	0.000000	-1166.96	-461.68
1	FID	HRC-S-2	6.97	532	0.196	-0.110	0.005	0.009	0.000000	0.000000	1230.61	-455.14
2	FID	HRC-S-3	6.99	532	0.107	-0.072	0.007	0.014	0.000000	0.000000	-1167.37	567.04
3	GUIDE	406985120	7.42	1065	0.114	0.010	0.064	0.114	278.839732	38.894839	-38.91	1127.85
4	GUIDE	406987272	6.94	1065	0.176	-0.317	0.059	0.092	278.536588	38.437504	-1604.01	2121.77
5	GUIDE	407510432	8.13	1065	-0.038	-0.056	0.071	0.121	278.762778	39.530640	2258.33	1146.04
6	GUIDE	407513096	8.15	1065	-0.240	0.257	0.068	0.110	279.928965	39.436841	1664.80	-2057.31
7	GUIDE	407521232	8.64	1063	-0.014	0.099	0.091	0.149	279.628883	39.431715	1709.10	-1227.07

2.4 Star Slots

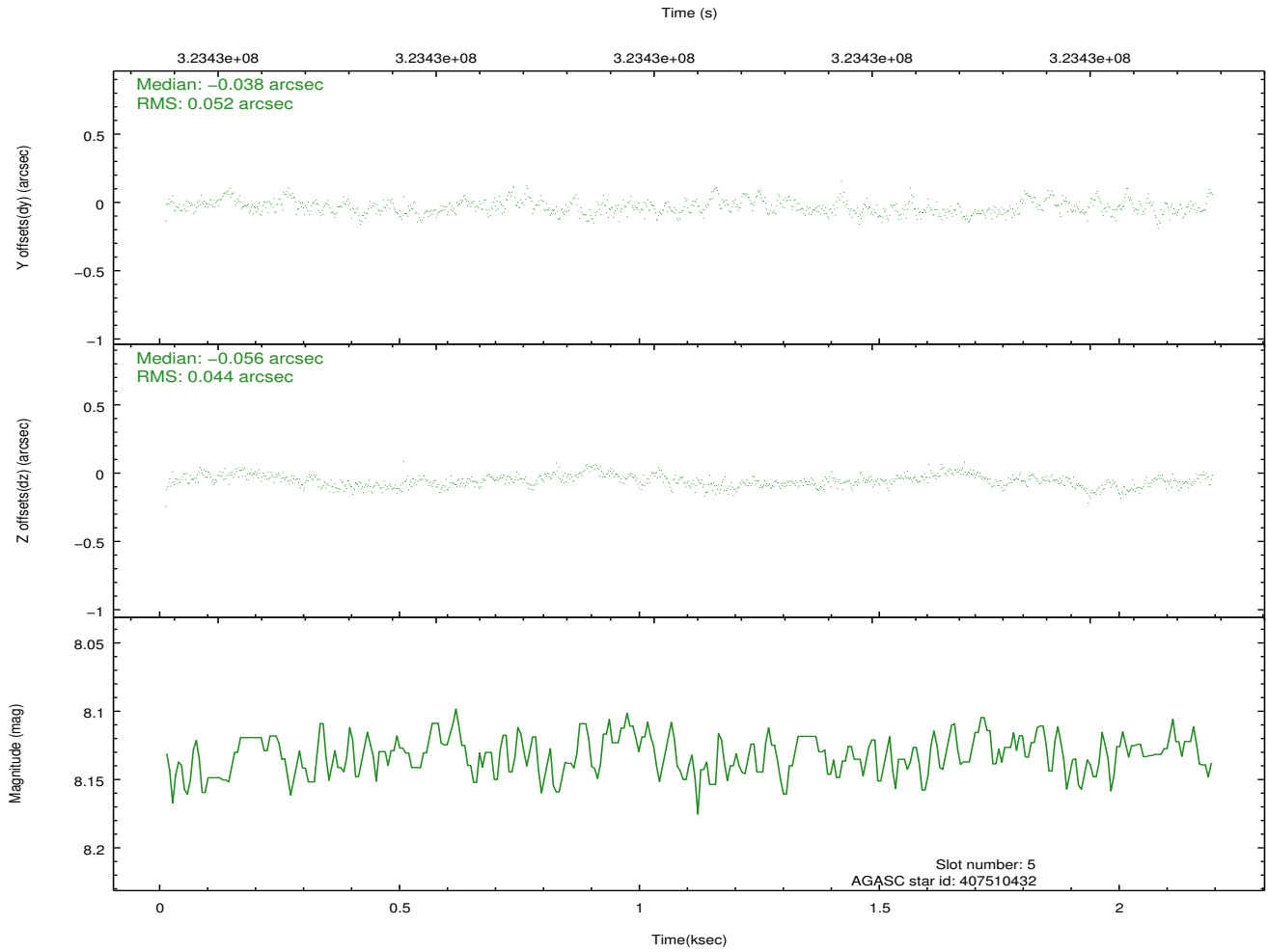
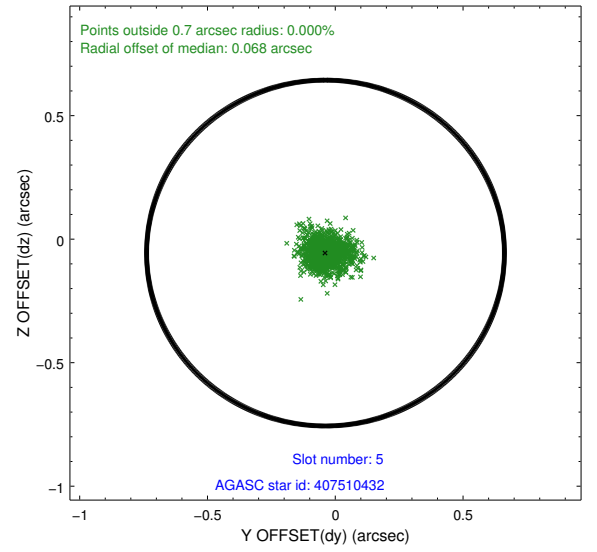
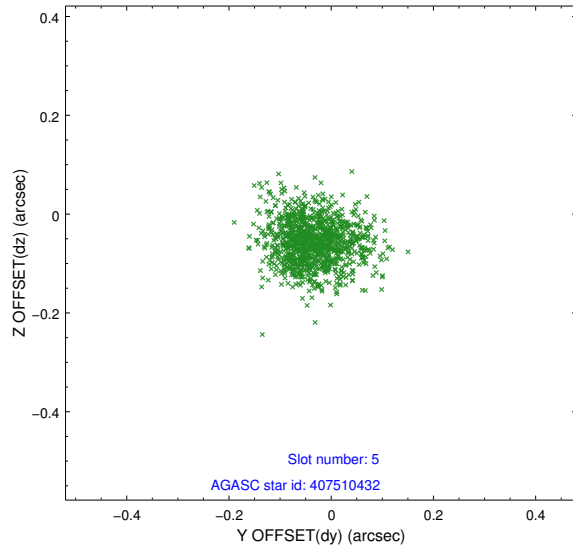
2.4.1 Slot 3



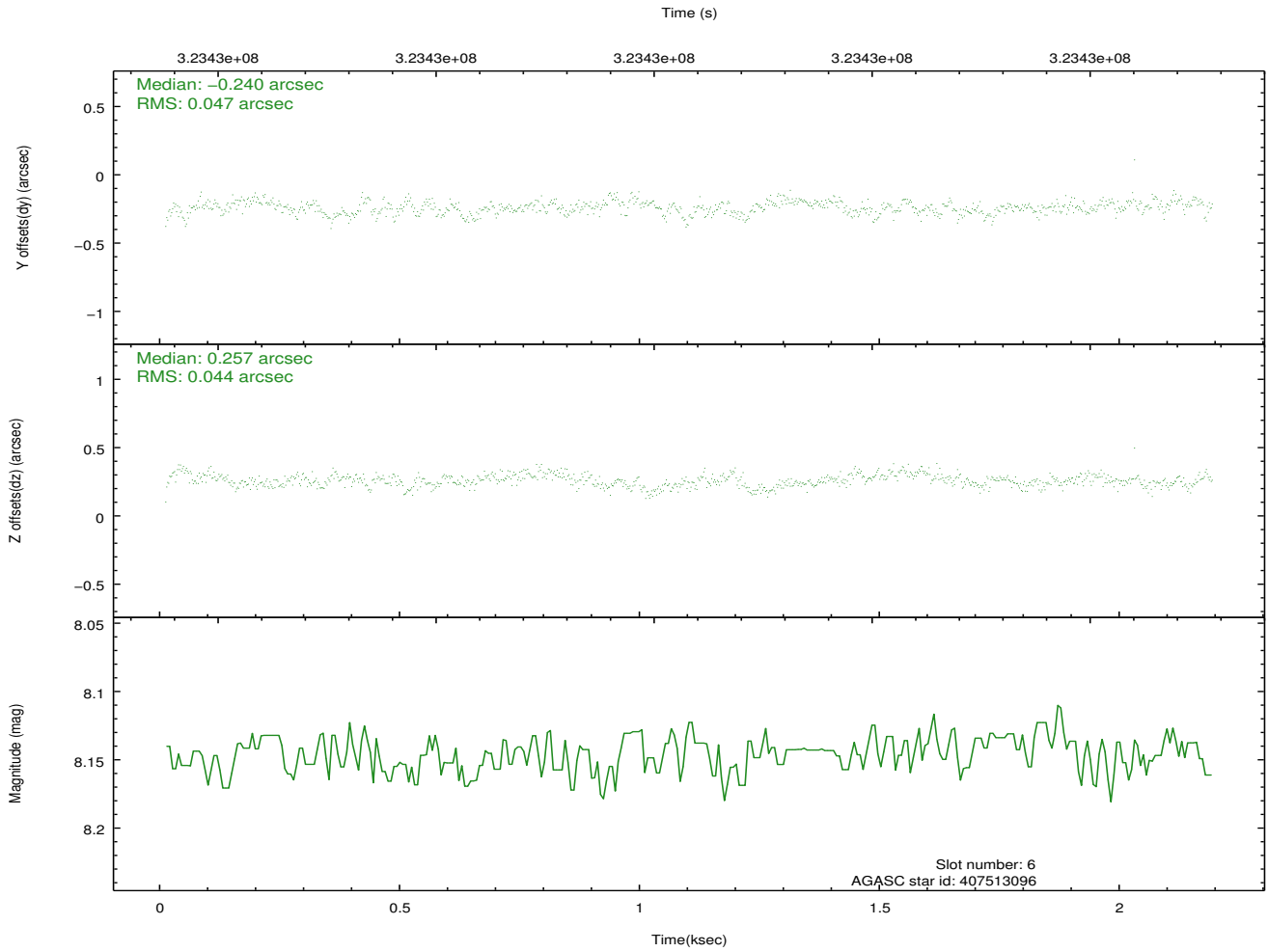
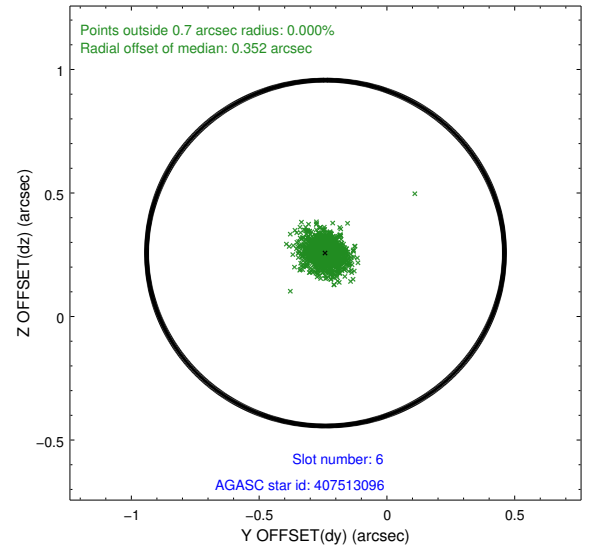
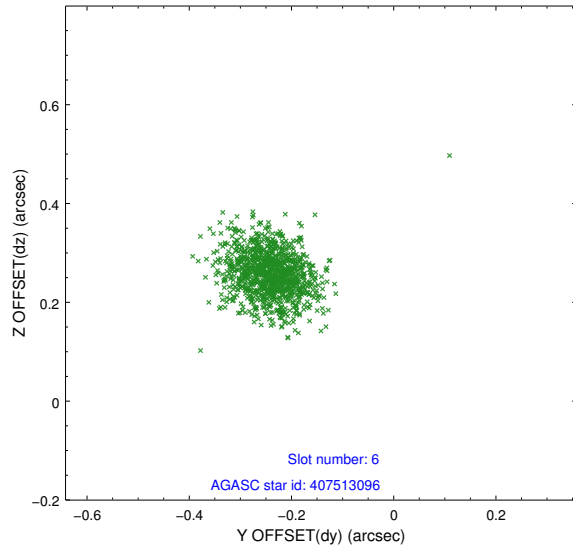
2.4.2 Slot 4



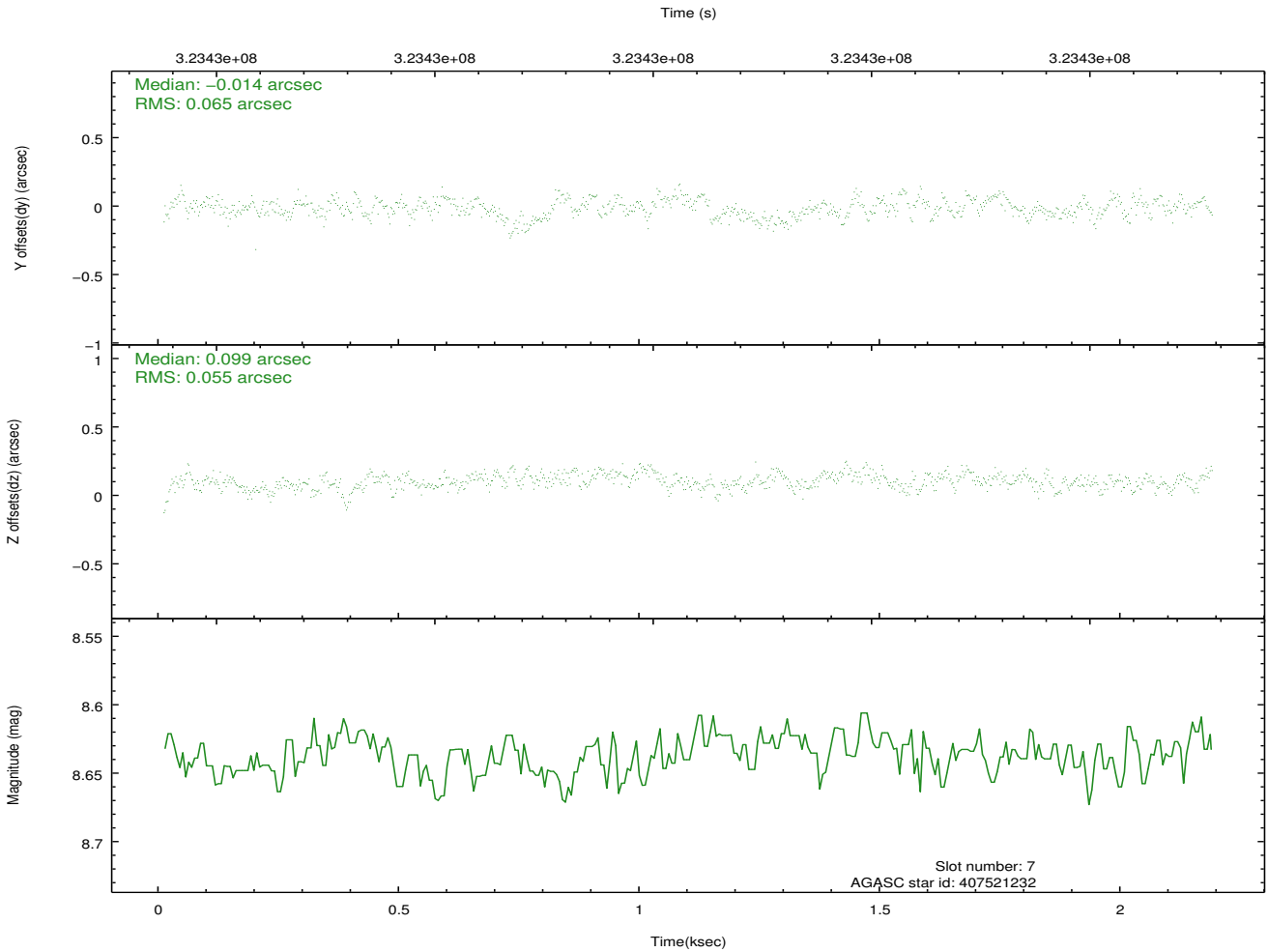
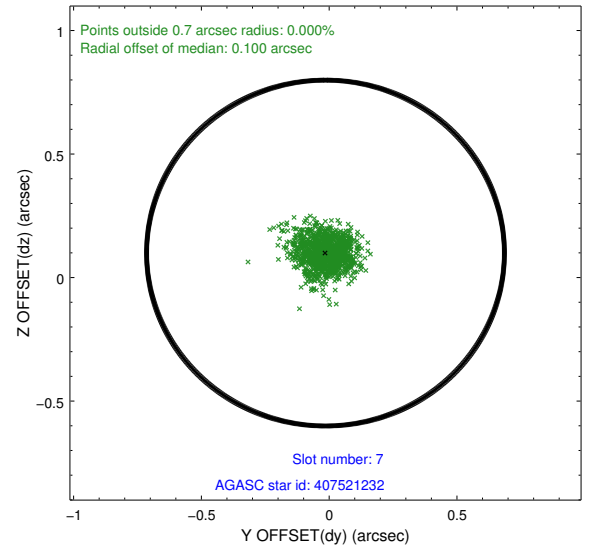
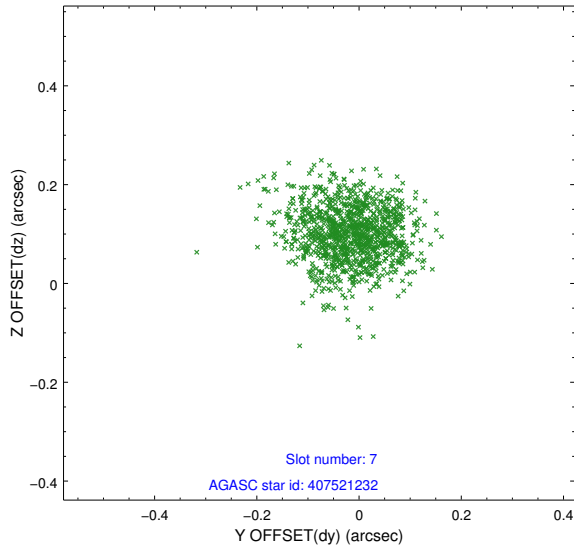
2.4.3 Slot 5



2.4.4 Slot 6

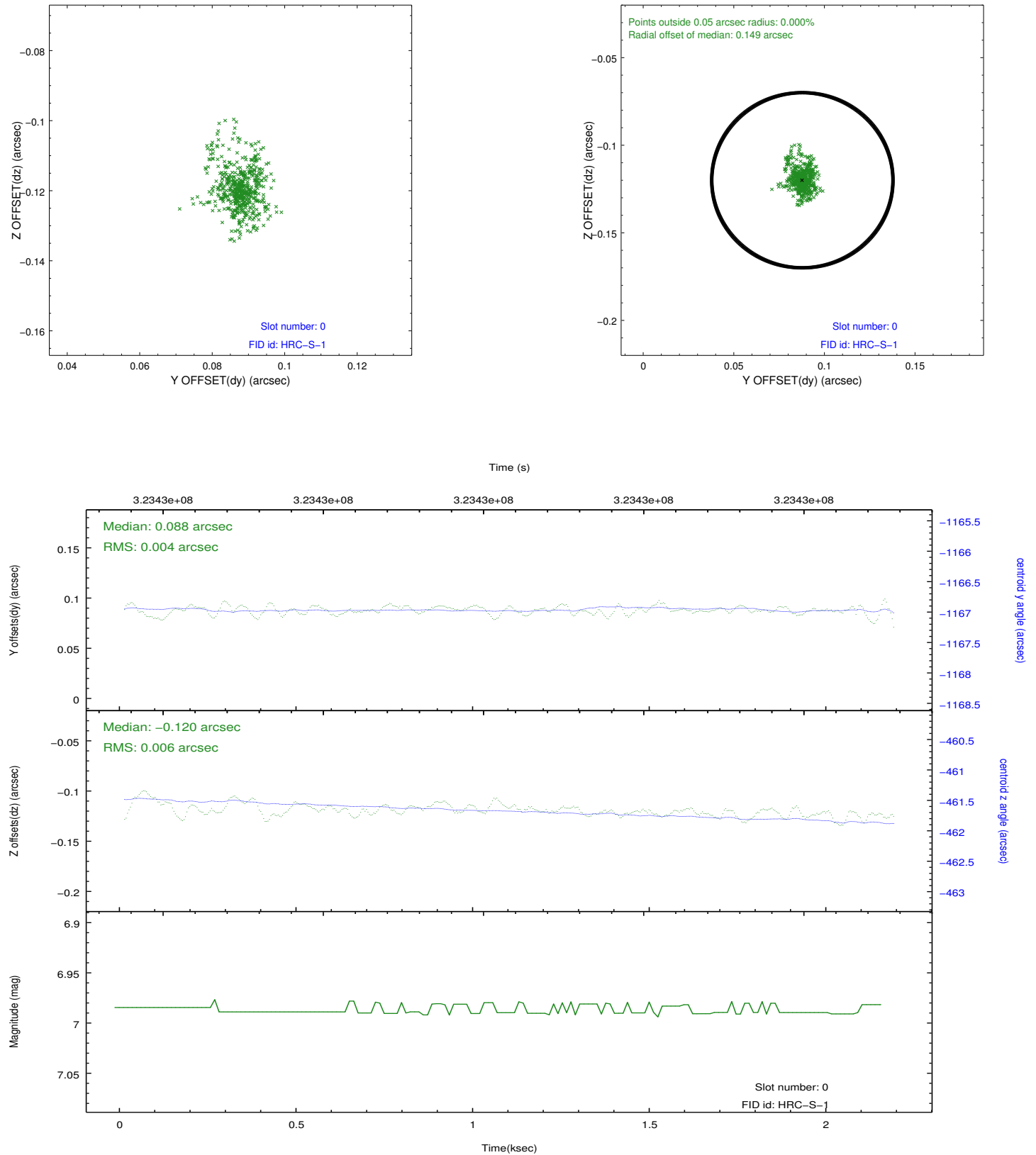


2.4.5 Slot 7

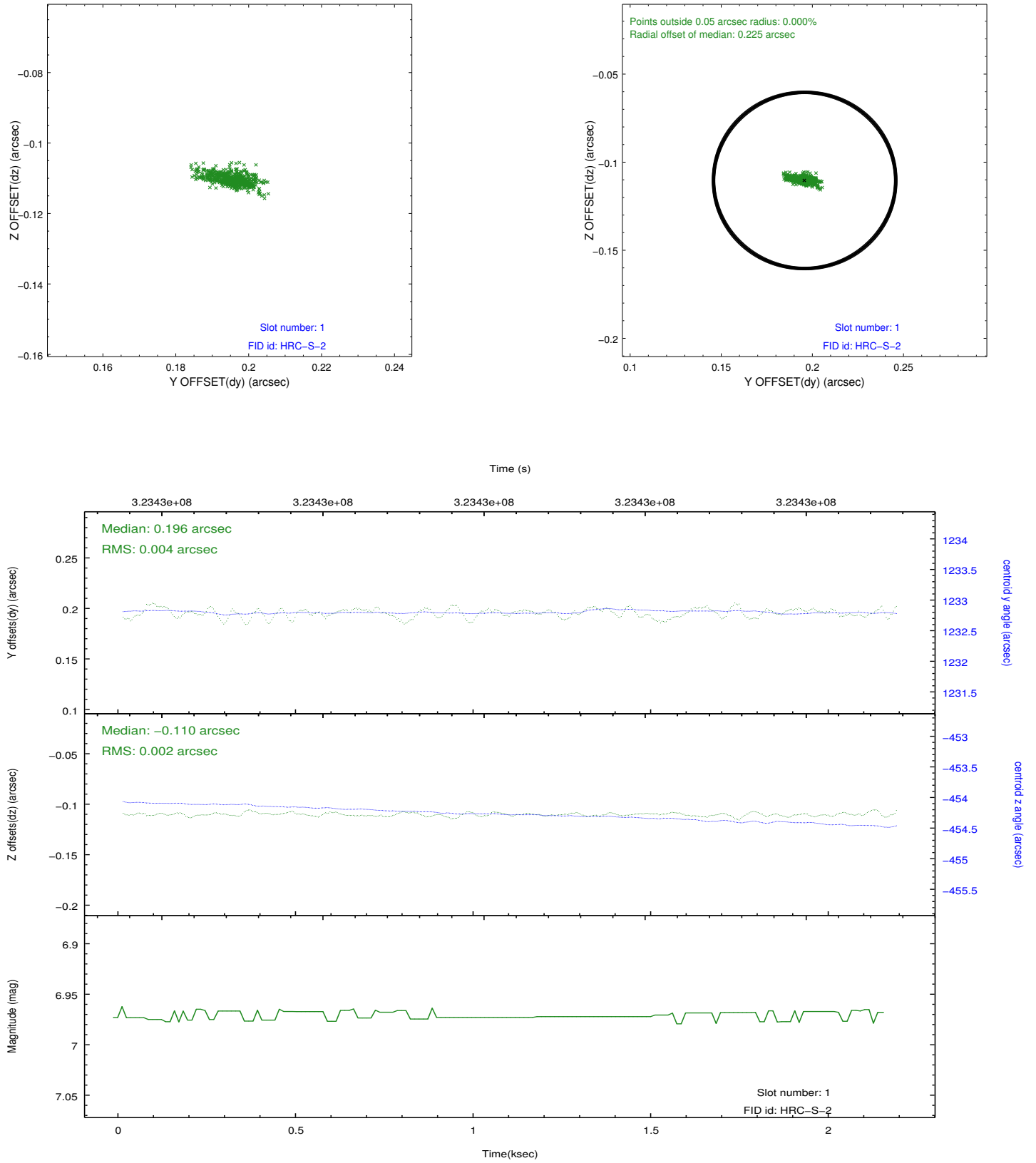


2.5 FID Slots

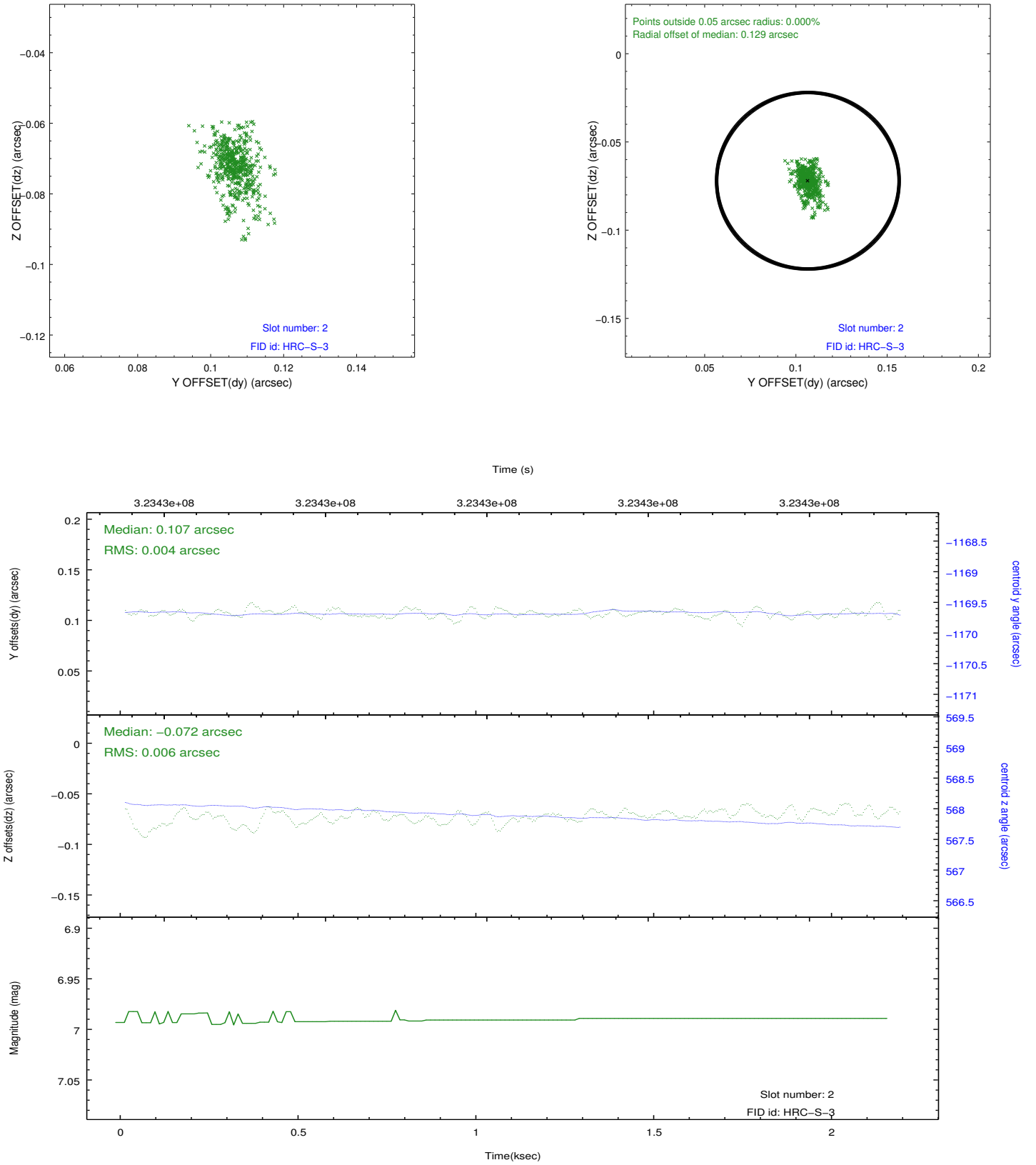
2.5.1 Slot 0



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	2.15173135

A.2 Comments

Window constraint met.