

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8297 - L2 Version 3
Chandra X-Ray Center

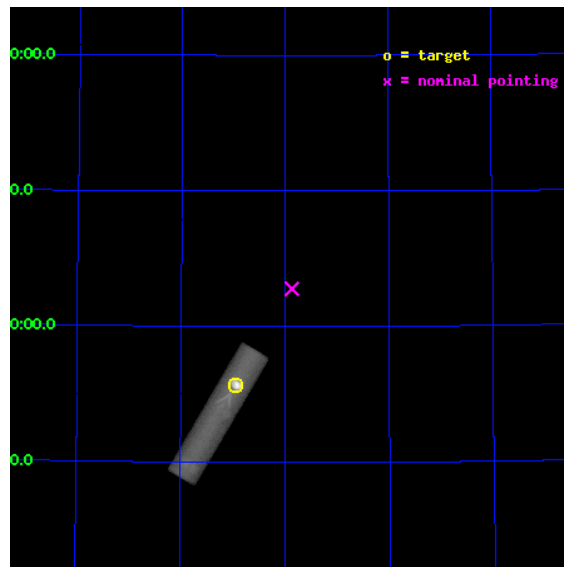
L2 Processing Date : Aug 12 2012

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1 Front

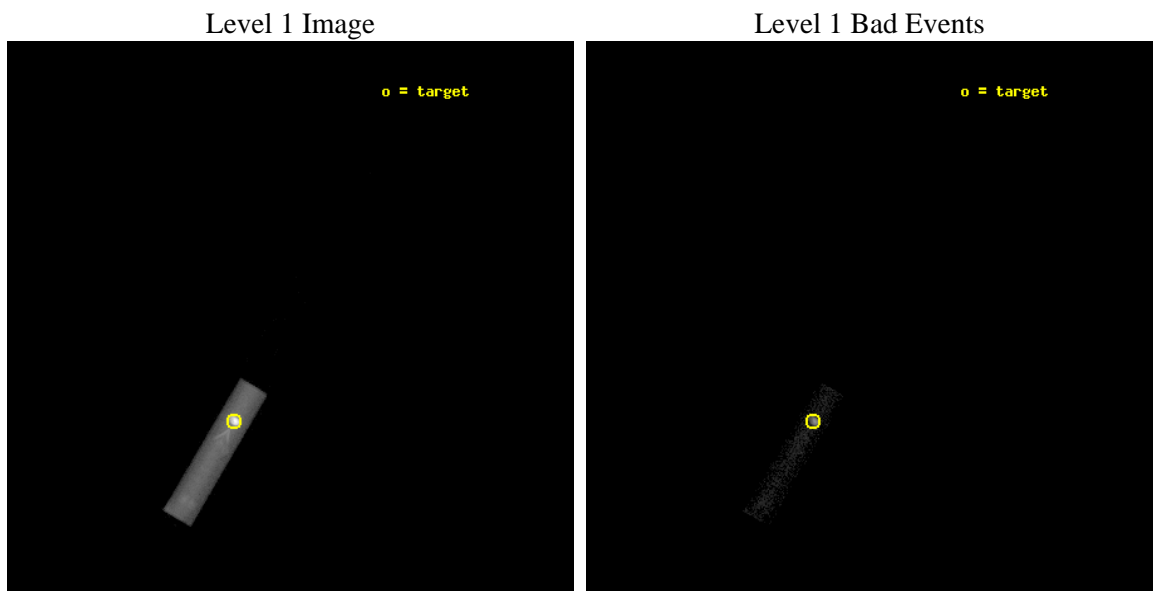
seq_num	290676	Sequence number
obs_id	8297	Observation id
title	AO8 Measurements of the optical/UV Transmission of the HRC Filters.	
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	278.96695159768	Nominal RA [deg]
dec_nom	39.139012923273	Nominal Dec [deg]
roll_nom	300.5394443233	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2184.531355381	[s]
liveltime	601.04192179099	Ontime multiplied by DTCOR
l2events	385173	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	1993.519000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2184.531355381	[s]
caldsver	4.5.1.1	 	l1events	445260	Number of level 1 events
date	2012-08-12T07:52:04	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

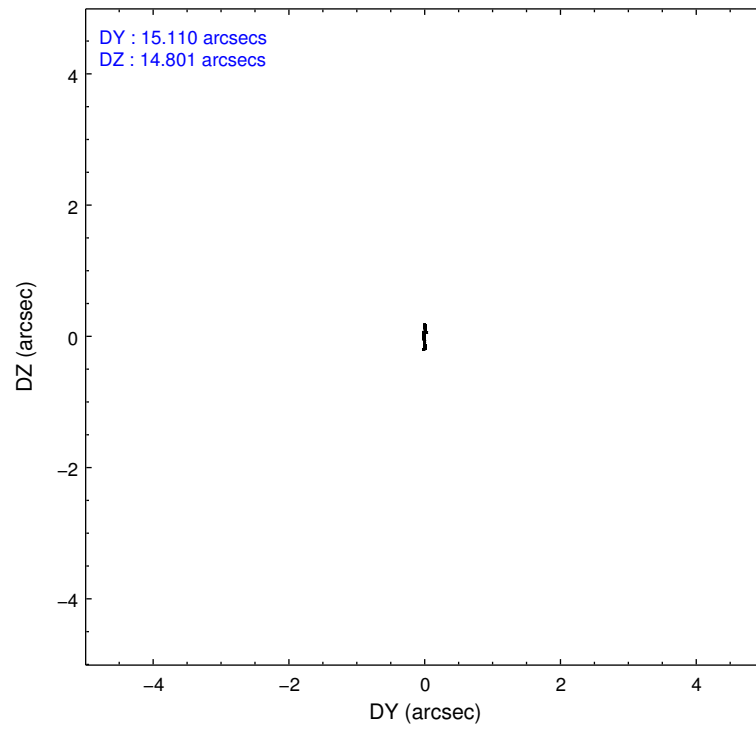
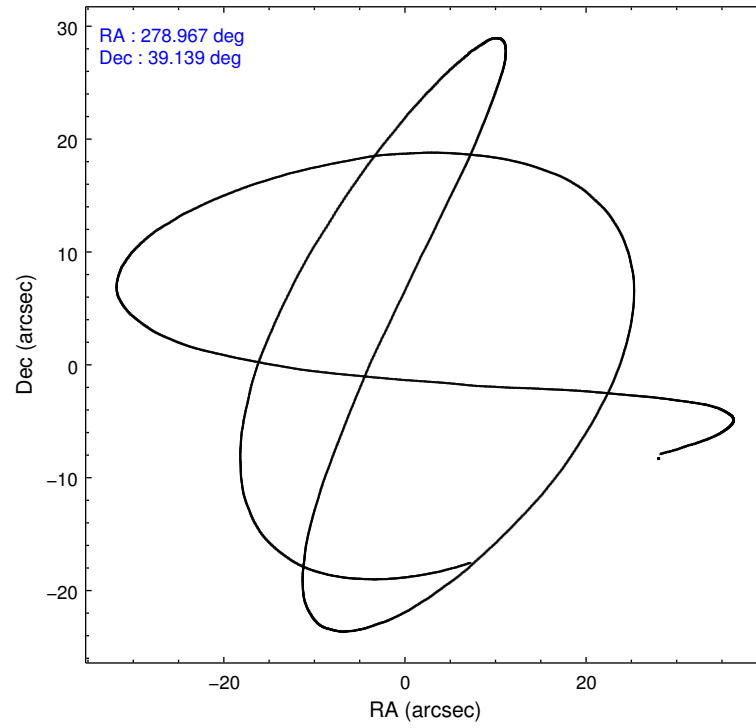
	segment 1	segment 2	segment 3
level 1 events	1	34	445225
rejected events	1	16	42439
rejected %	100%	47%	9%

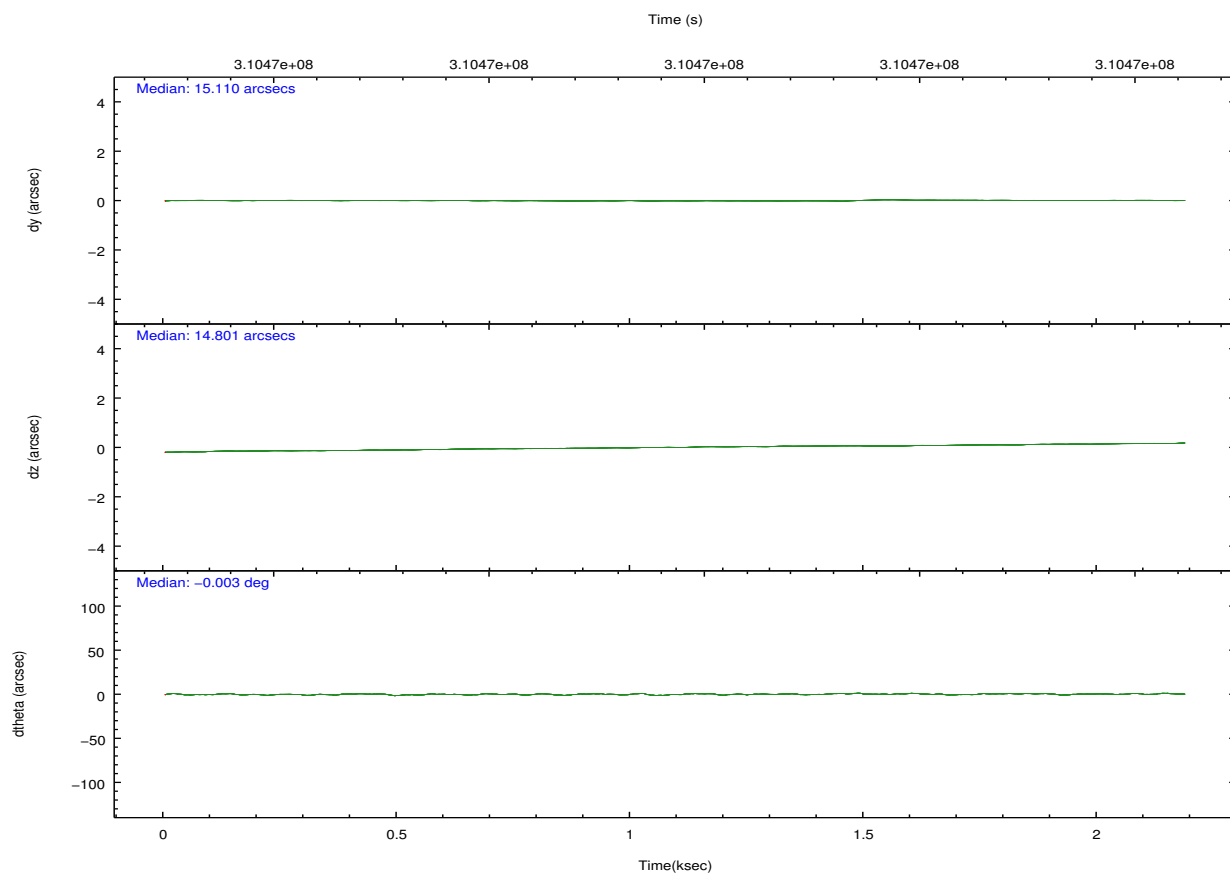
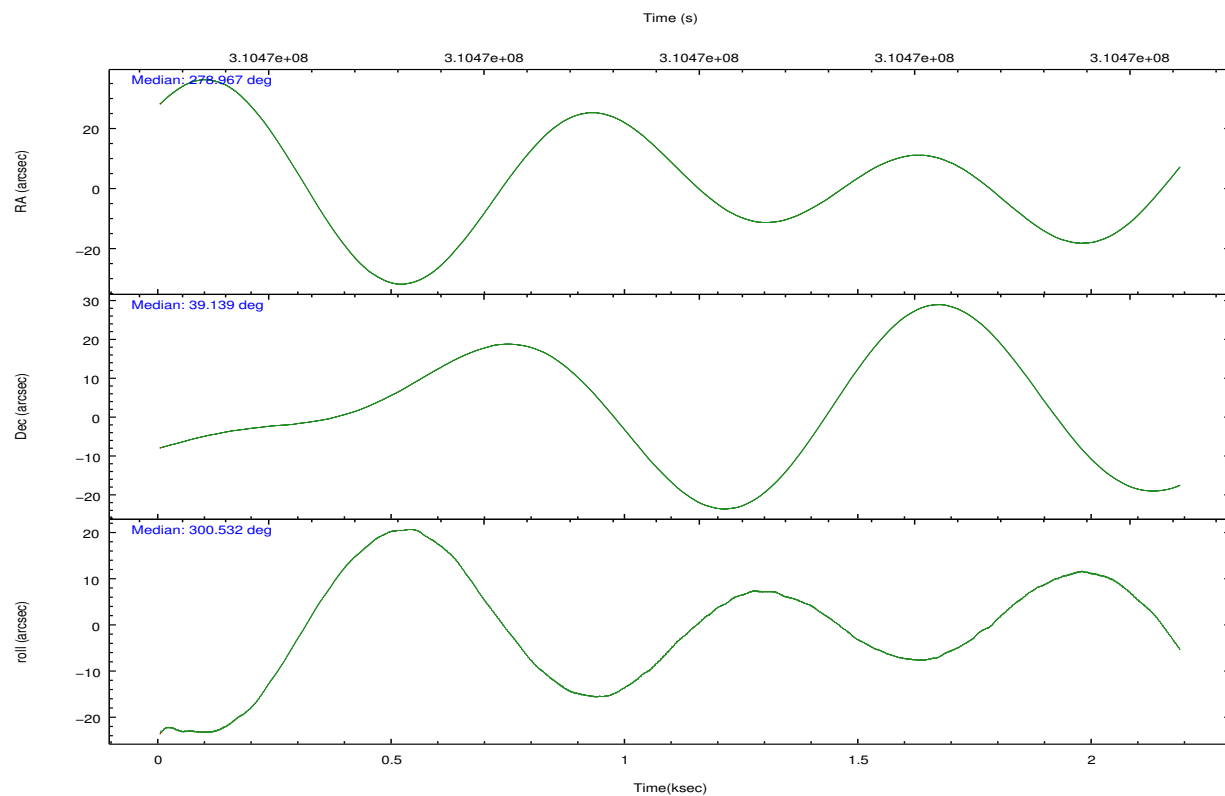
2.2 Compared Parameters

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	278.933864	278.9669515976848
[deg] Pointing Dec	39.151922	39.13901292327274
[deg] Pointing Roll	300.493010	300.5394443233003
[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)	310469540.184000	310469164.05817
Observation start date	2007-11-03T09:31:15	2007-11-03T09:26:04
[s] Observation end time (MET)	310471534.184000	310472350.78332
Observation end date	2007-11-03T10:04:29	2007-11-03T10:19:10

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

2.3 Aspect



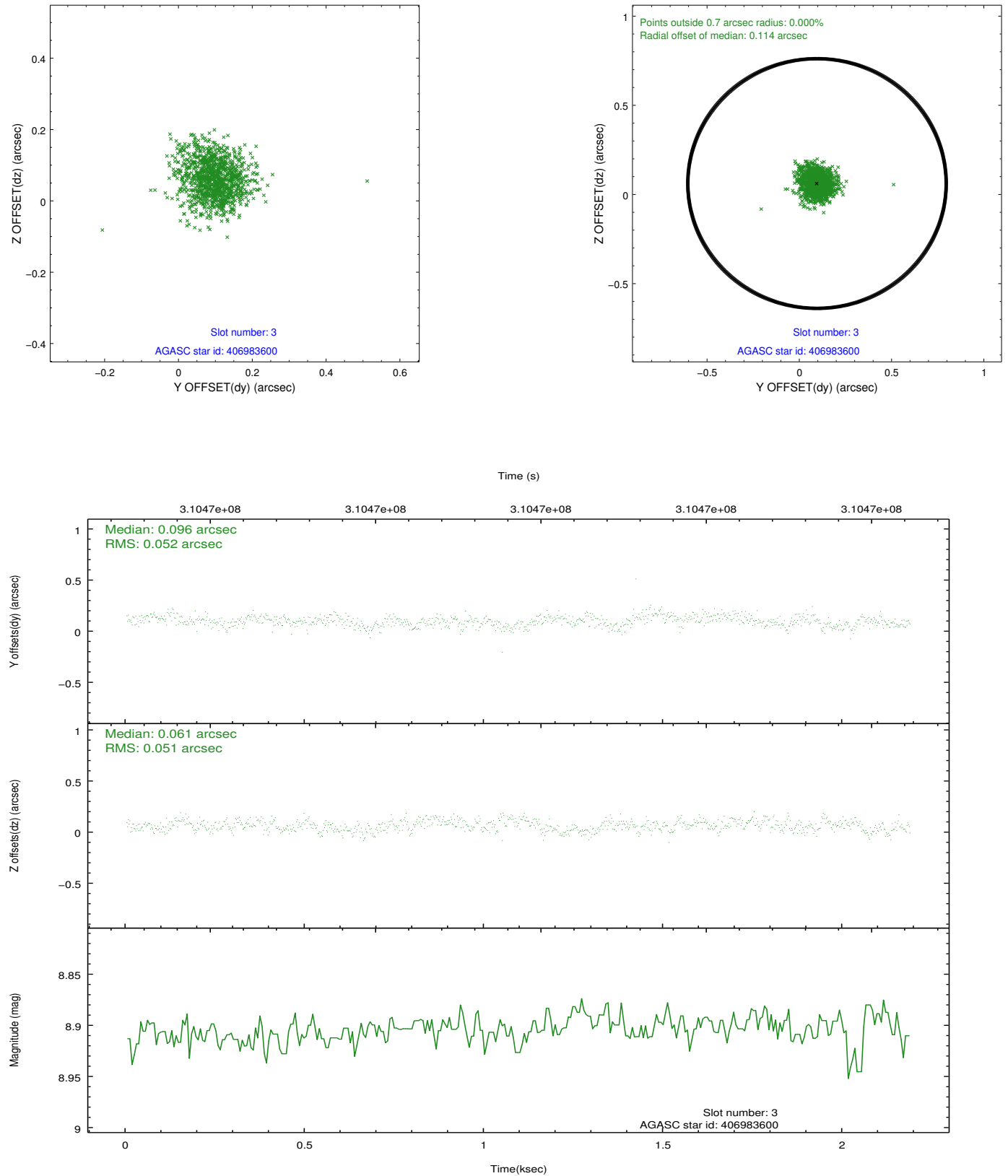


Slot Statistics

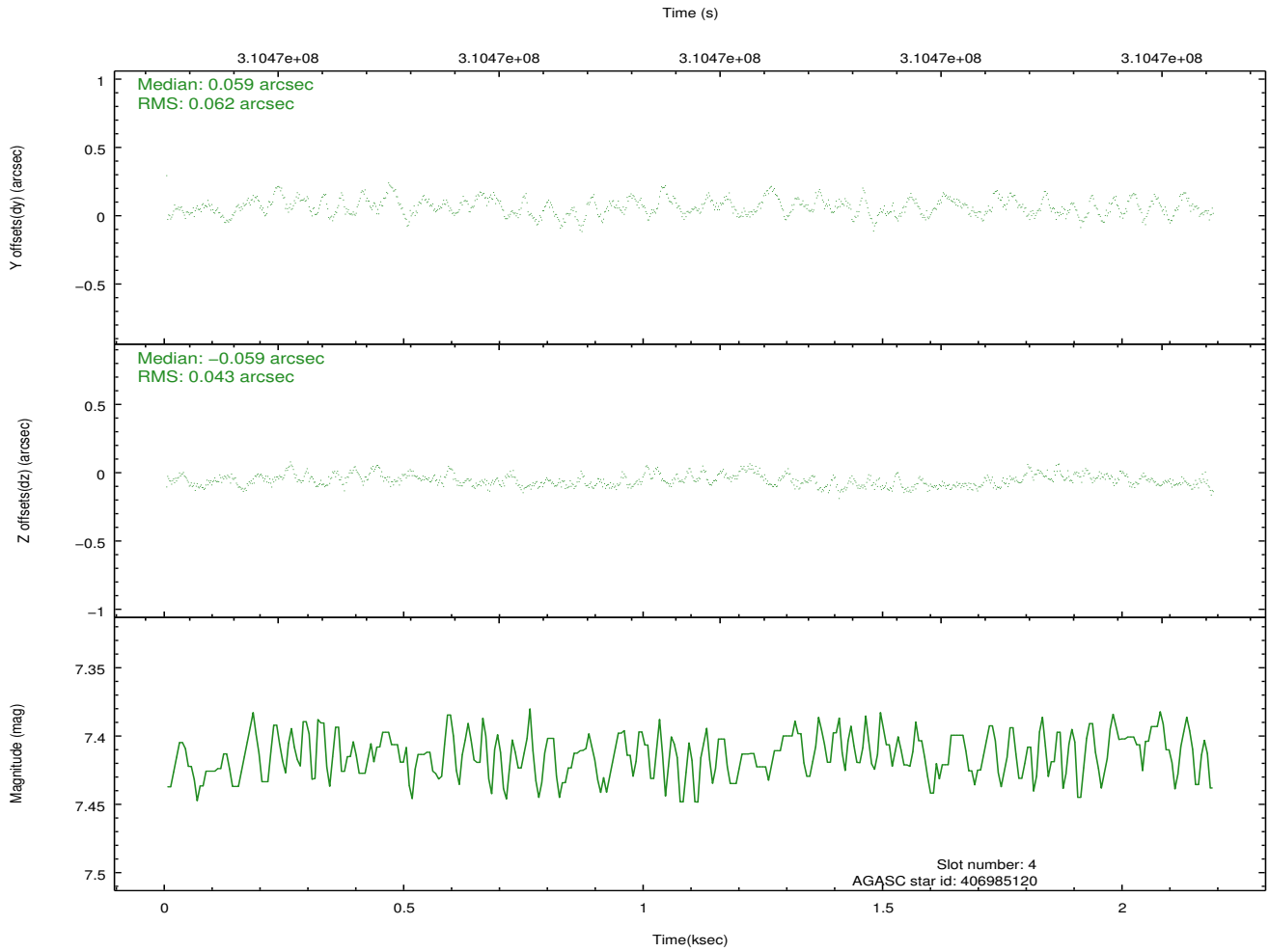
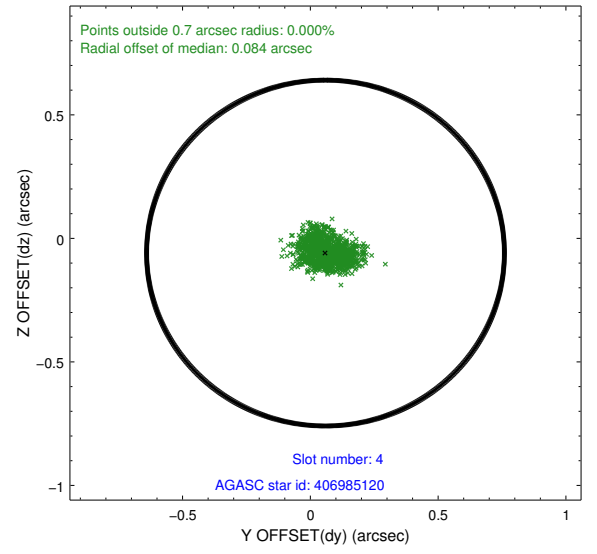
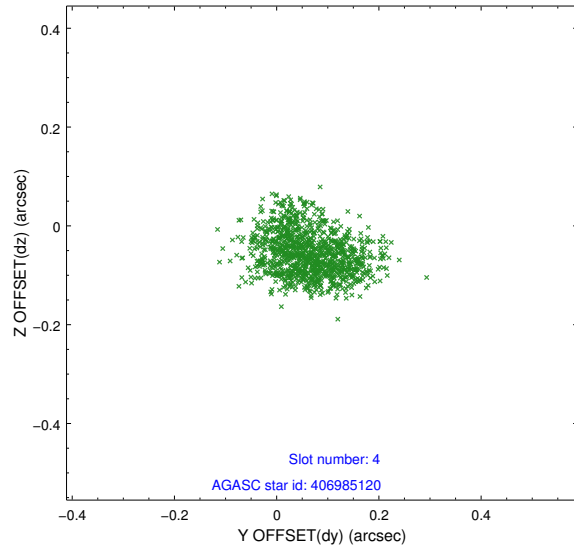
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	534	0.072	-0.210	0.006	0.011	0.000000	0.000000	-1169.52	-463.68
1	FID	HRC-S-2	6.96	534	0.199	-0.105	0.005	0.008	0.000000	0.000000	1228.08	-457.11
2	FID	HRC-S-3	6.98	534	0.118	0.013	0.006	0.011	0.000000	0.000000	-1169.88	565.20
3	GUIDE	406983600	8.90	1067	0.096	0.061	0.076	0.122	279.940957	39.020708	1823.88	2196.22
4	GUIDE	406985120	7.41	1067	0.059	-0.059	0.082	0.128	278.839732	38.894839	665.63	-694.52
5	GUIDE	406987272	6.97	1066	-0.061	0.083	0.069	0.113	278.536588	38.437504	1646.33	-2269.34
6	GUIDE	407510432	8.12	1066	-0.119	-0.080	0.079	0.127	278.762778	39.530640	-1414.66	280.51
7	GUIDE	407521232	8.63	1065	0.022	-0.001	0.095	0.145	279.628883	39.431715	104.94	2180.60

2.4 Star Slots

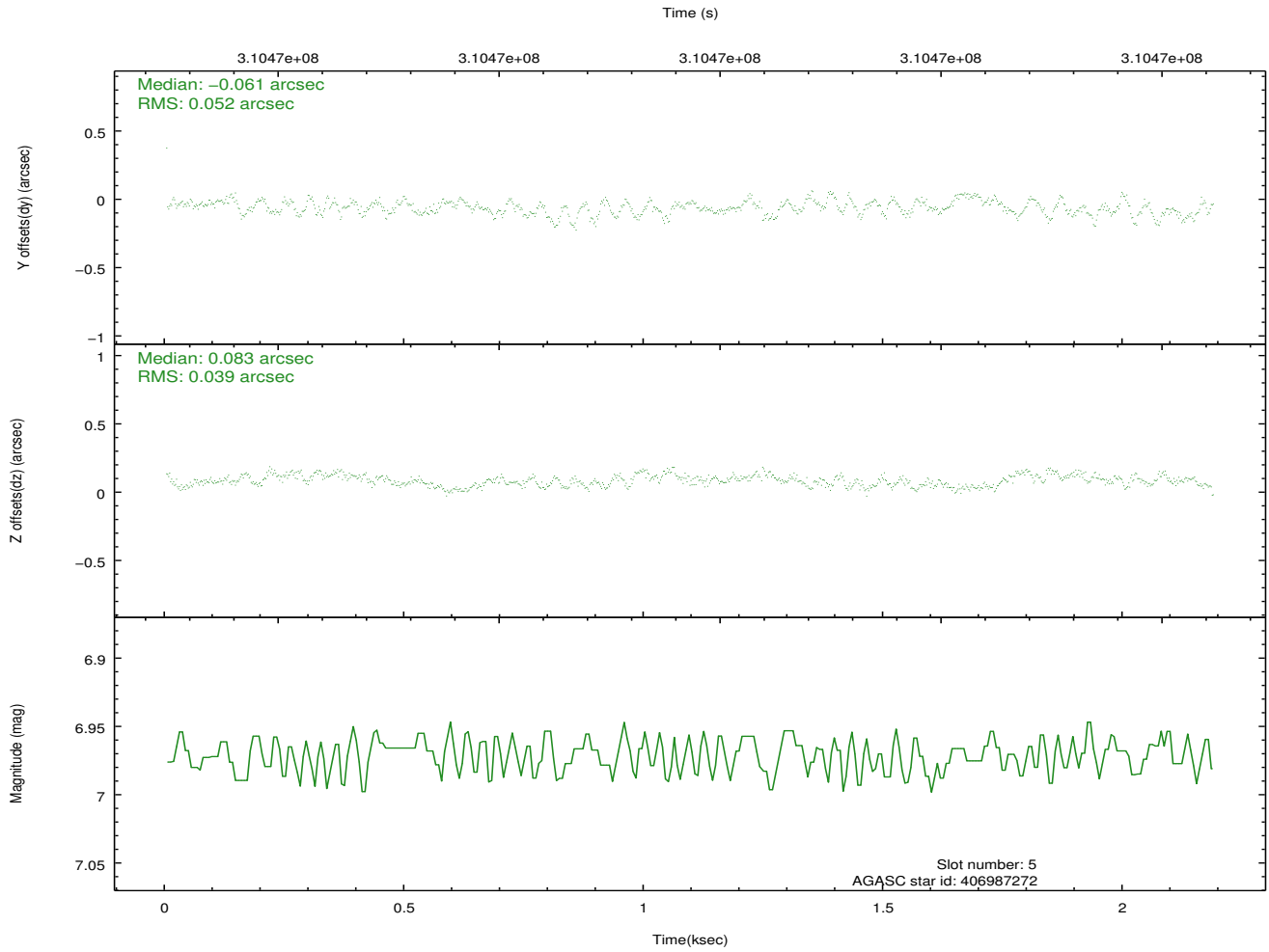
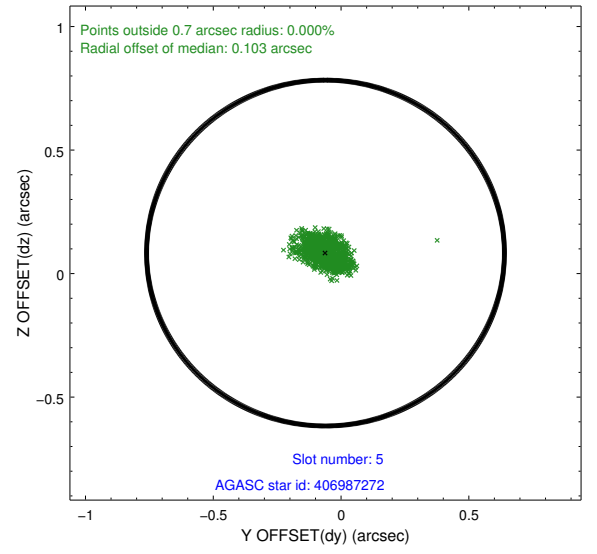
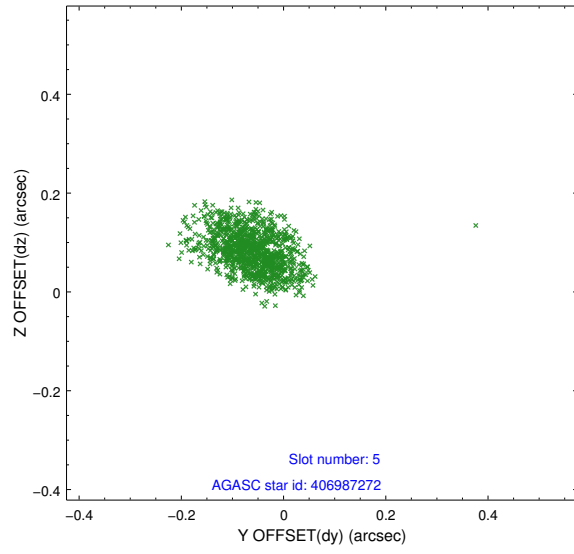
2.4.1 Slot 3



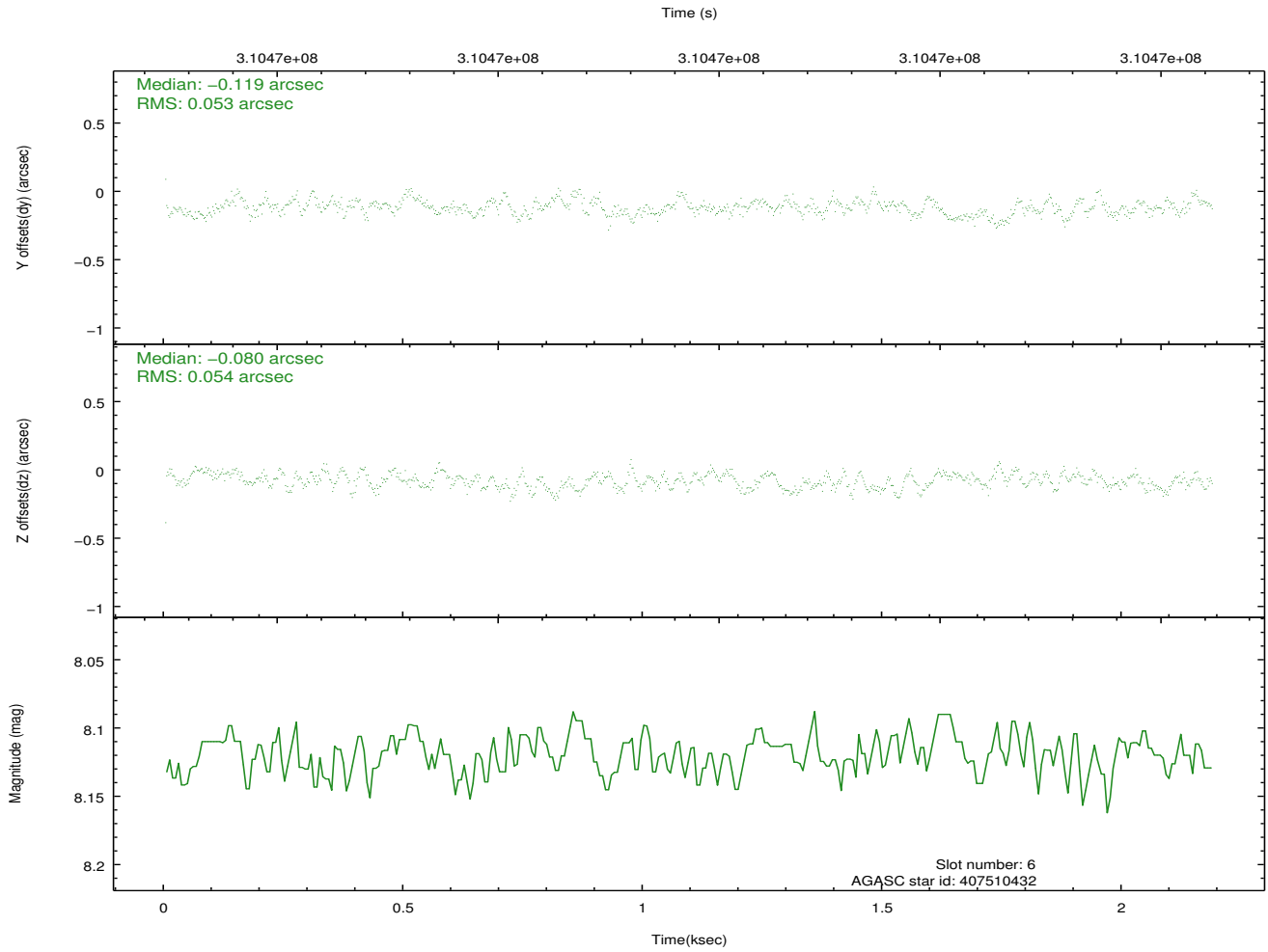
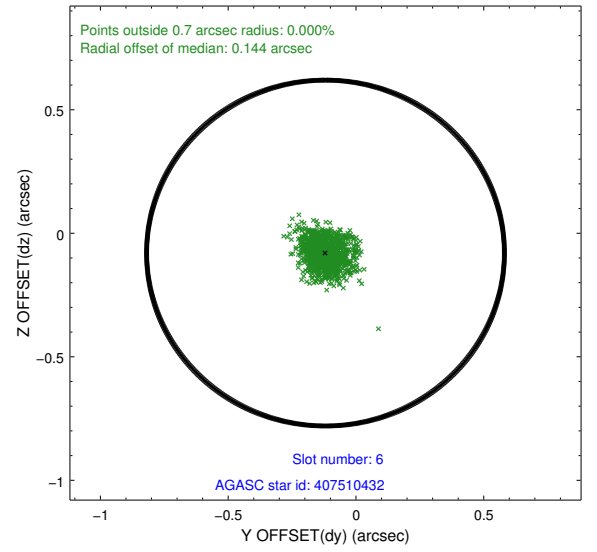
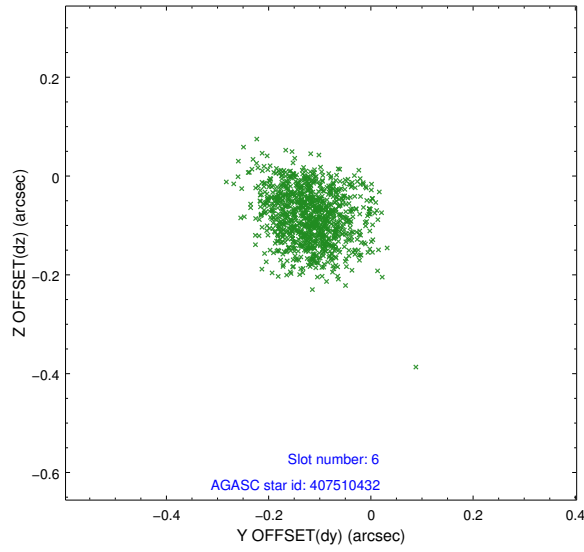
2.4.2 Slot 4



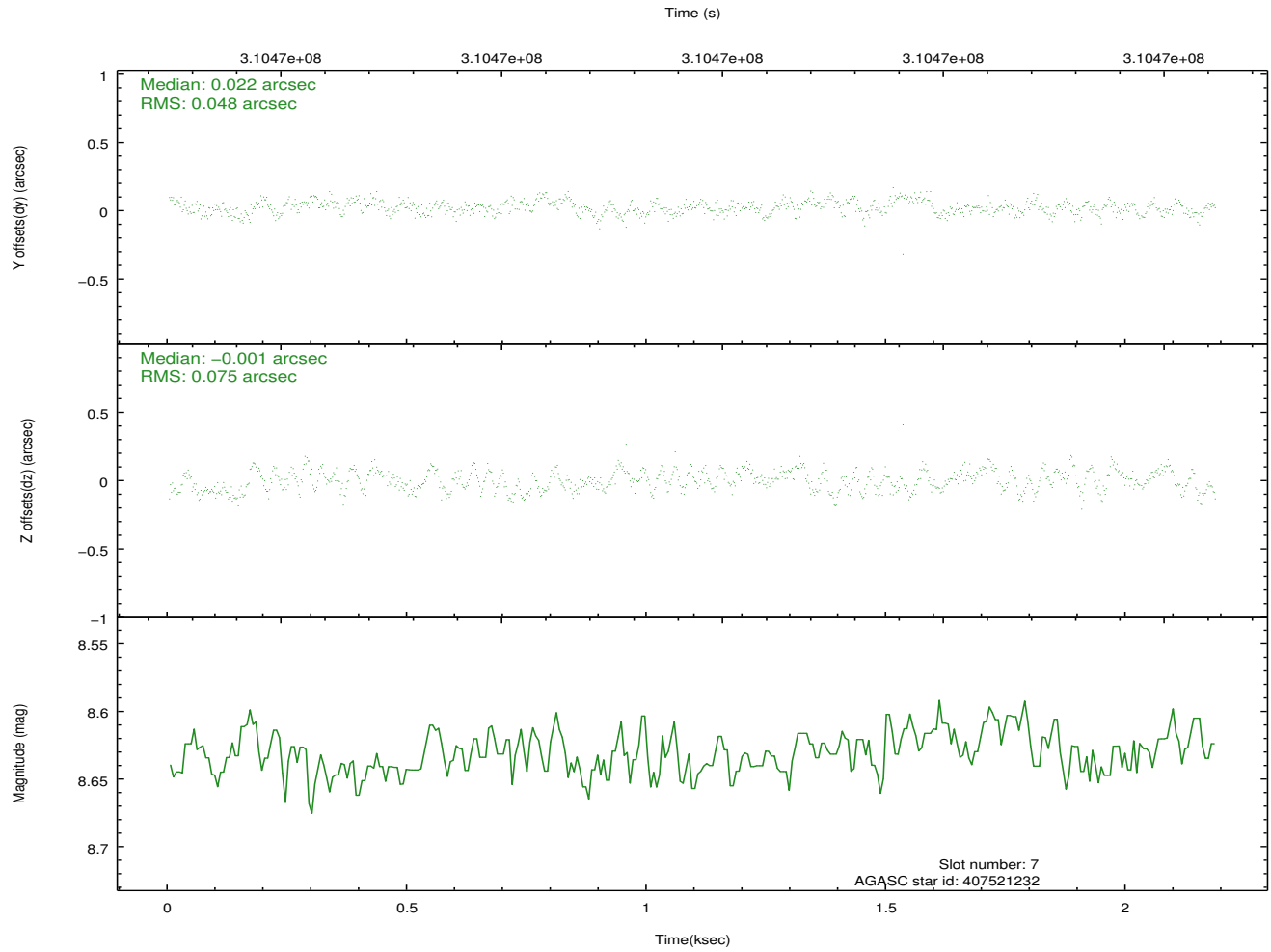
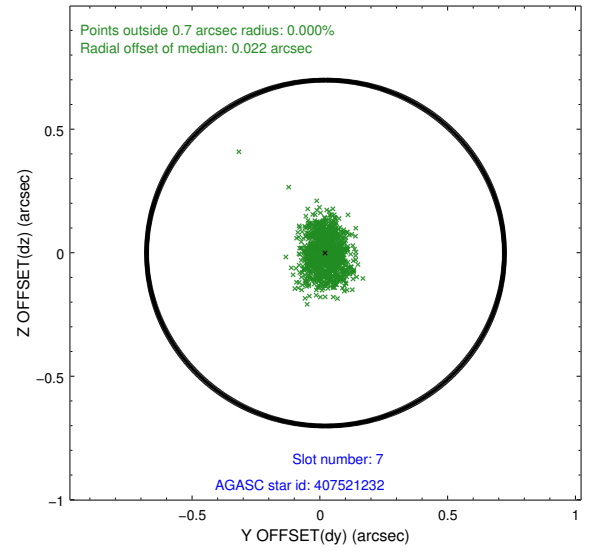
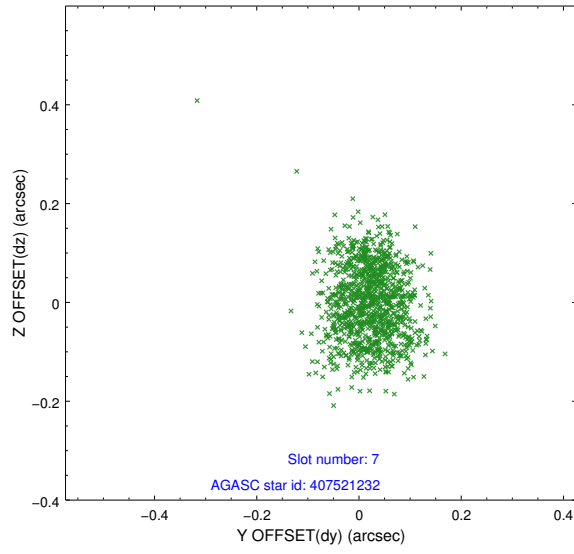
2.4.3 Slot 5



2.4.4 Slot 6

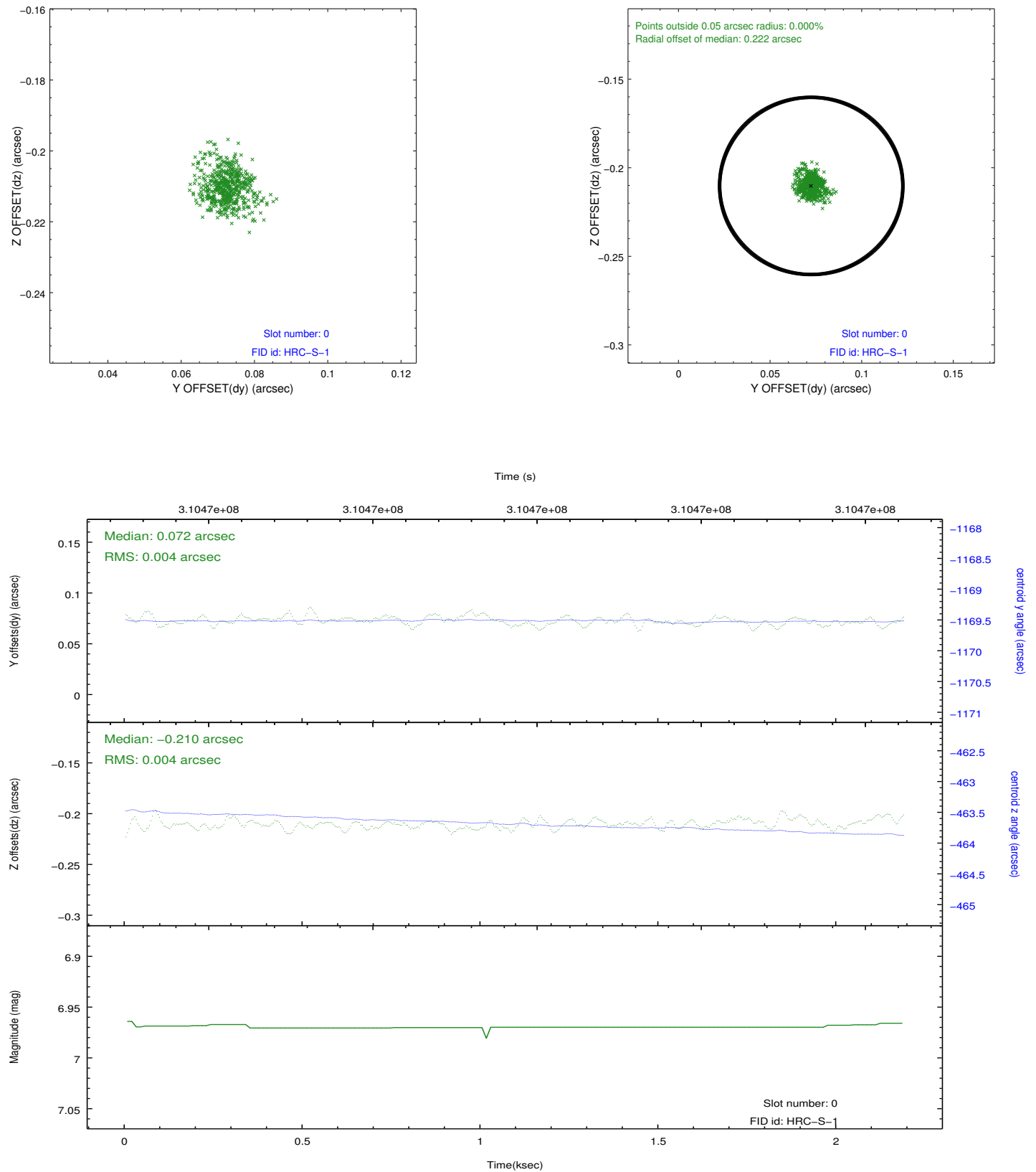


2.4.5 Slot 7

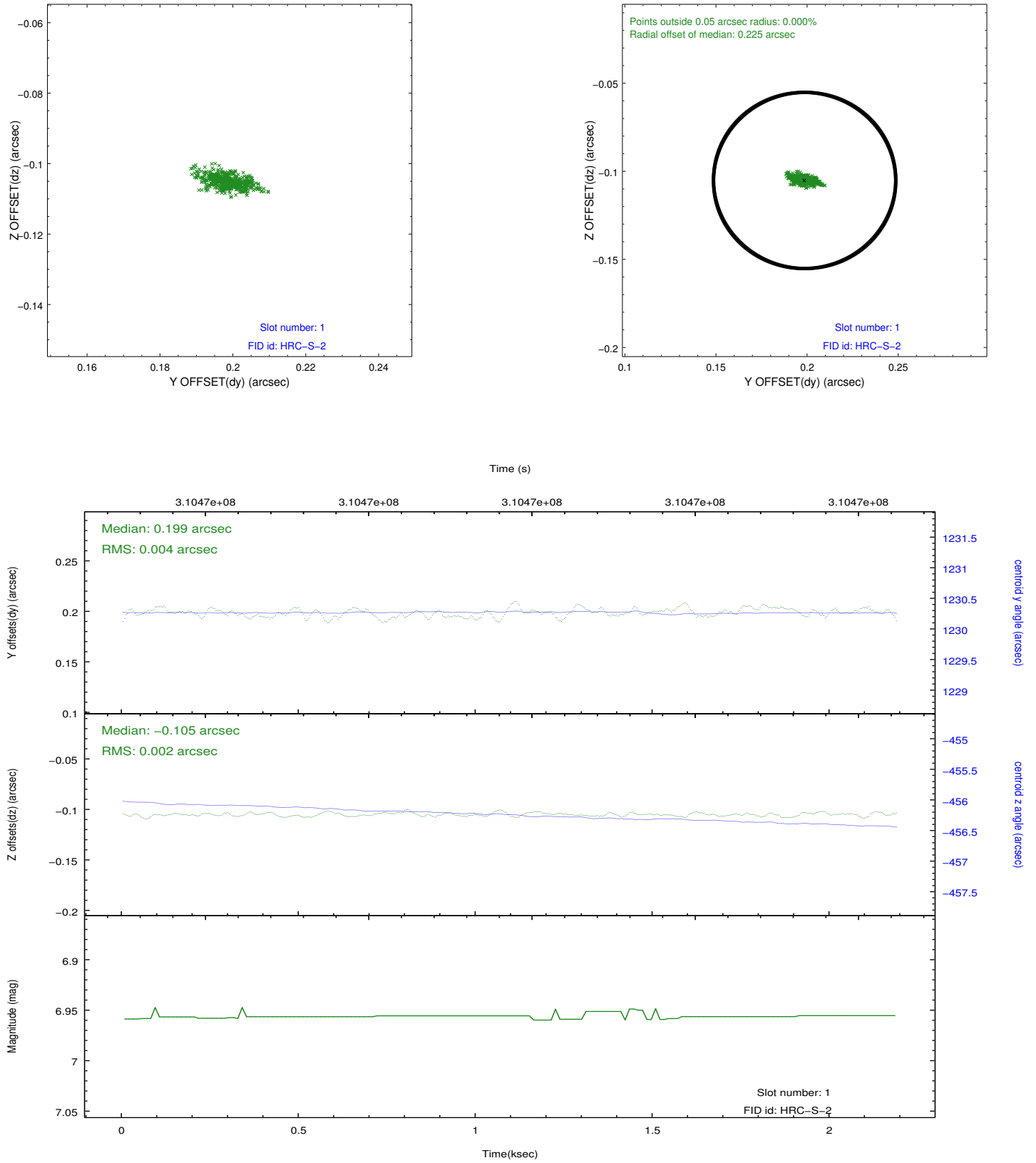


2.5 FID Slots

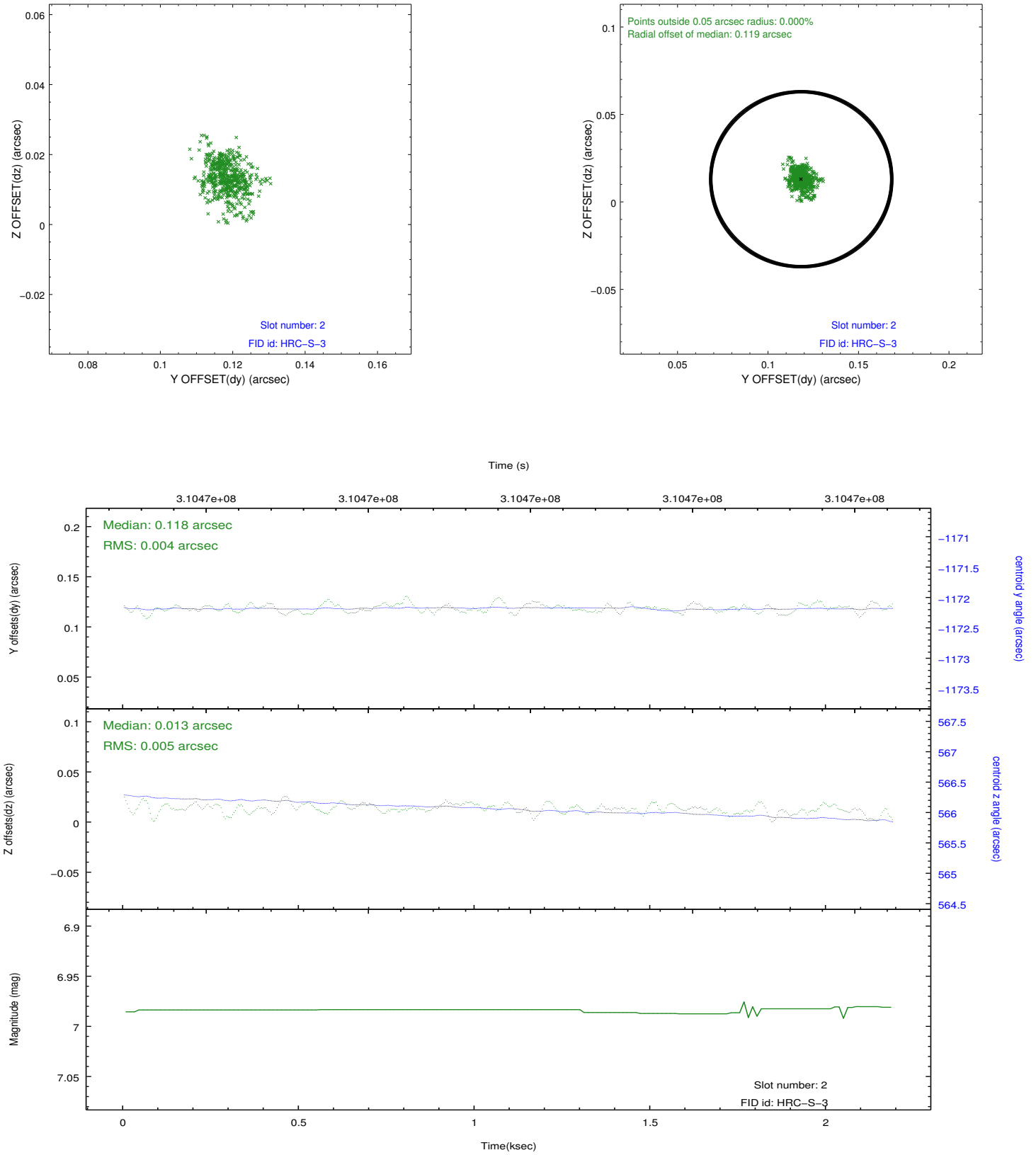
2.5.1 Slot 0



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	2.18453135

A.2 Comments

Window constraint met.