

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13034 - L2 Version 4
Chandra X-Ray Center

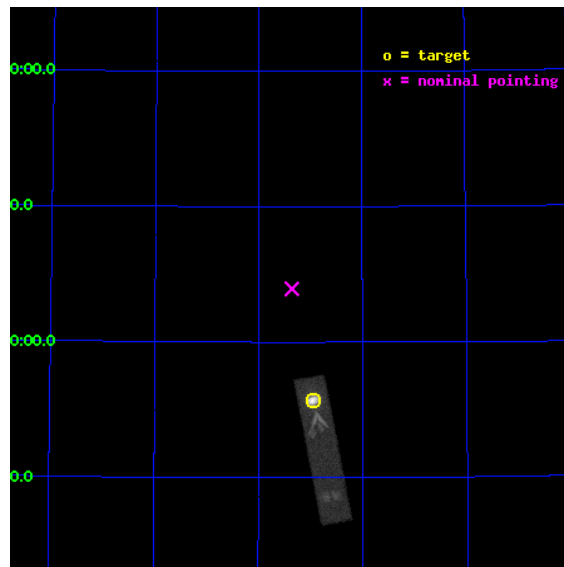
L2 Processing Date : Aug 9 2012

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1 Front

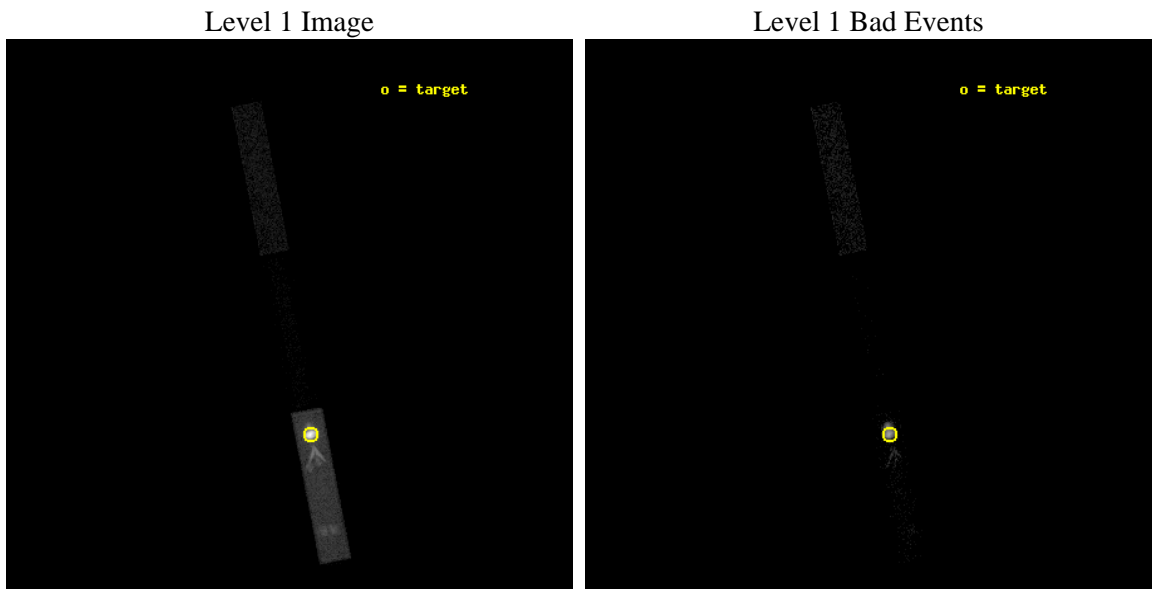
seq_num	290953	Sequence number
obs_id	13034	Observation id
title	AO-12 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.33910434596	Nominal RA [deg]
dec_nom	39.197084366275	Nominal Dec [deg]
roll_nom	78.950269073581	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1186.1813114882	[s]
liveltime	476.74620543213	Ontime multiplied by DTCOR
l2events	211529	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1186.1813114882	[s]
caldsver	4.5.1.1	 	l1events	267719	Number of level 1 events
date	2012-08-09T22:42:54	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

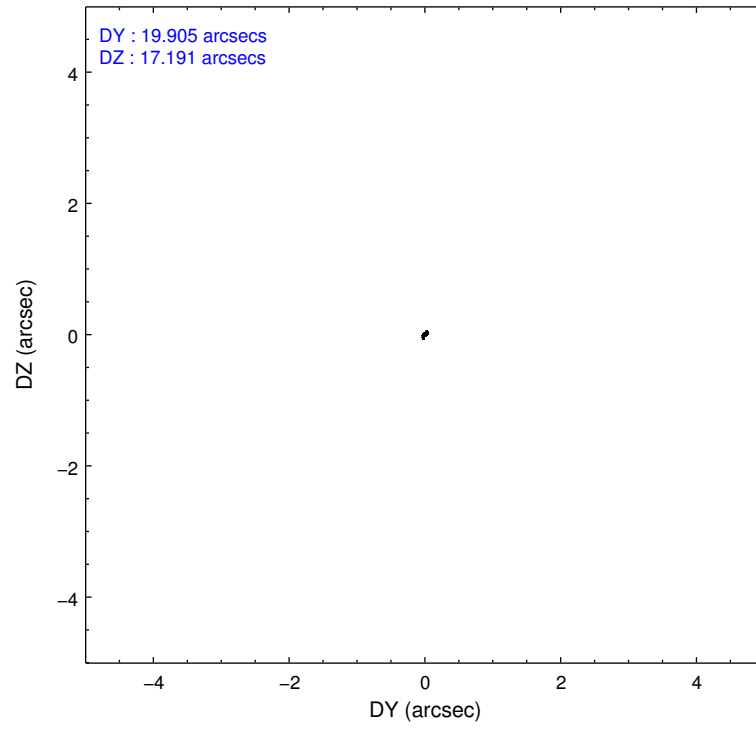
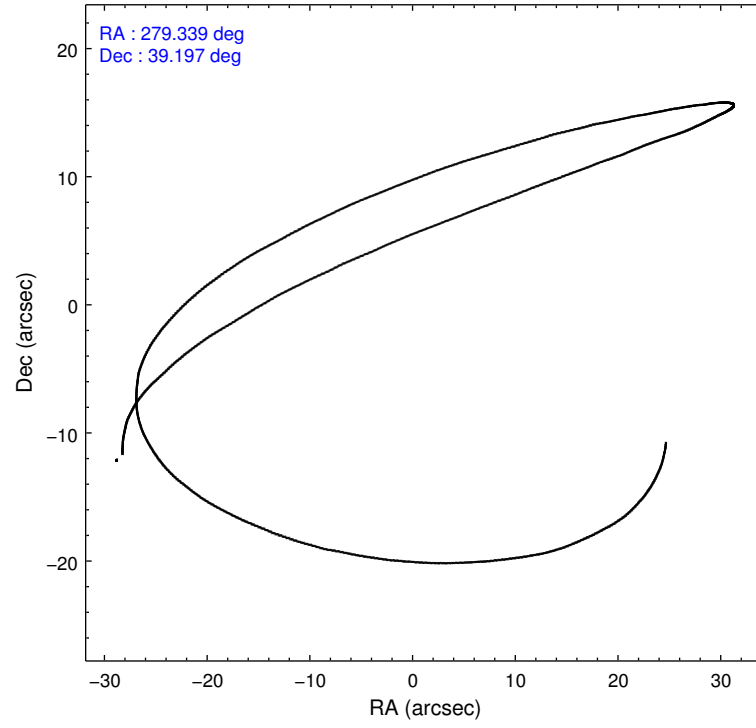
	segment 1	segment 2	segment 3
level 1 events	262547	325	4847
rejected events	43832	322	4847
rejected %	16%	99%	100%

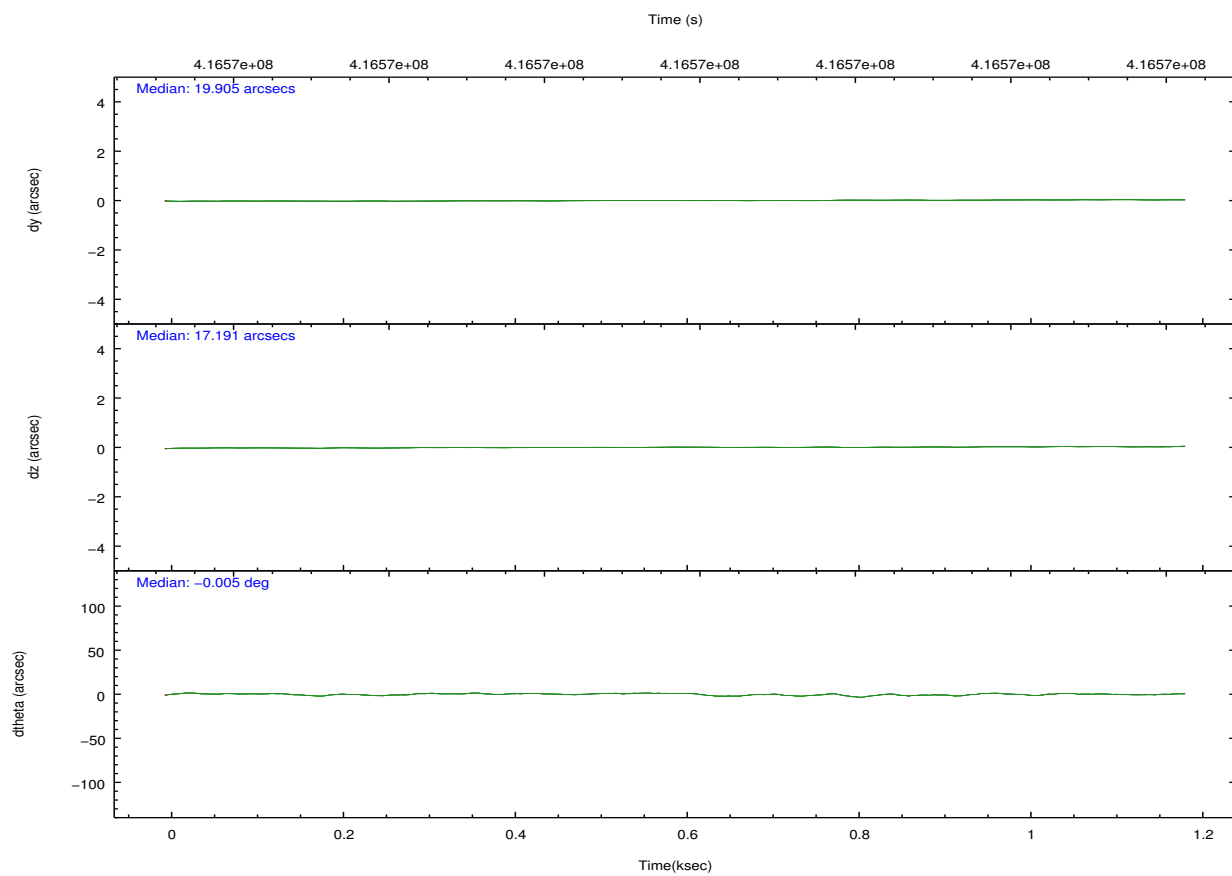
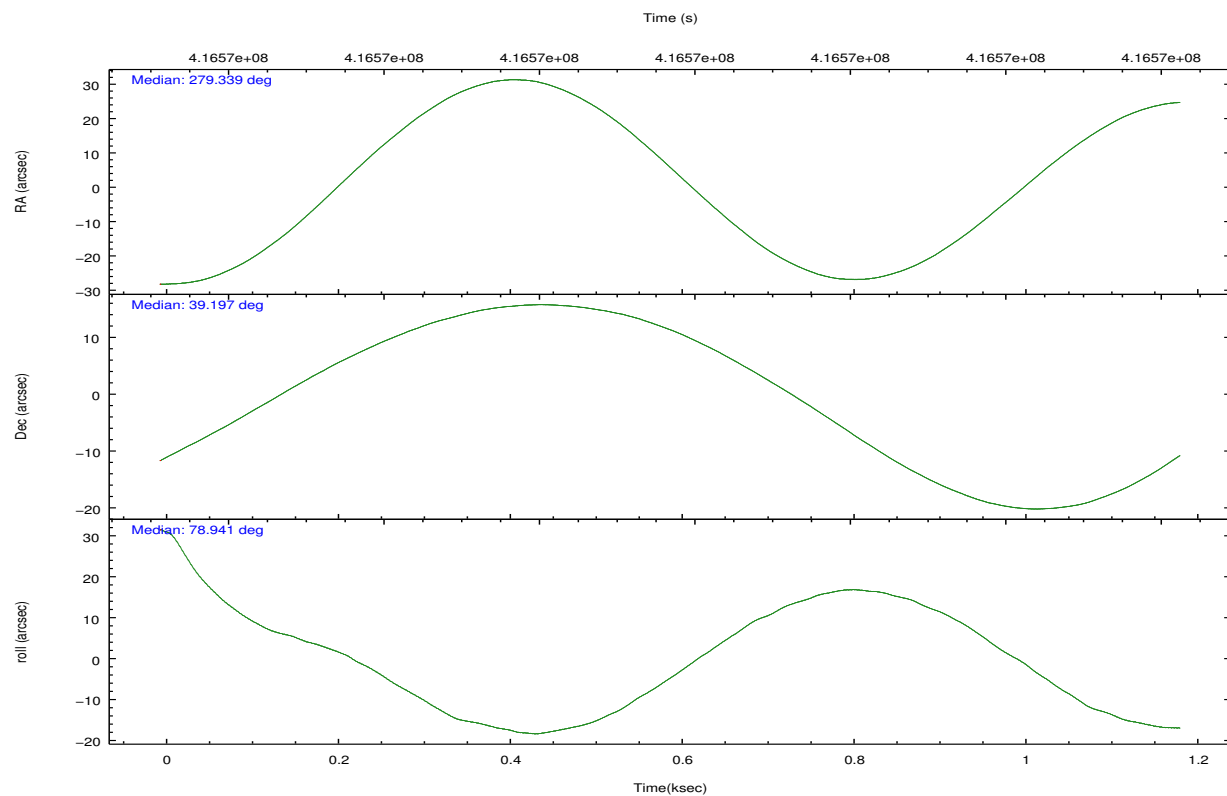
2.2 Compared Parameters

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	279.353086	279.3391043459588
[deg] Pointing Dec	39.170680	39.19708436627498
[deg] Pointing Roll	78.873974	78.9502690735812
[s] Window start time (MET)	415324866.184000	415324866.184000
[s] Window stop time (MET)	423187266.184000	423187266.184000
[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)	416570356.184000	416569980.30074
Observation start date	2011-03-15T09:58:10	2011-03-15T09:53:00
[s] Observation end time (MET)	416571356.184000	416571490.12582
Observation end date	2011-03-15T10:14:50	2011-03-15T10:18:10

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

2.3 Aspect



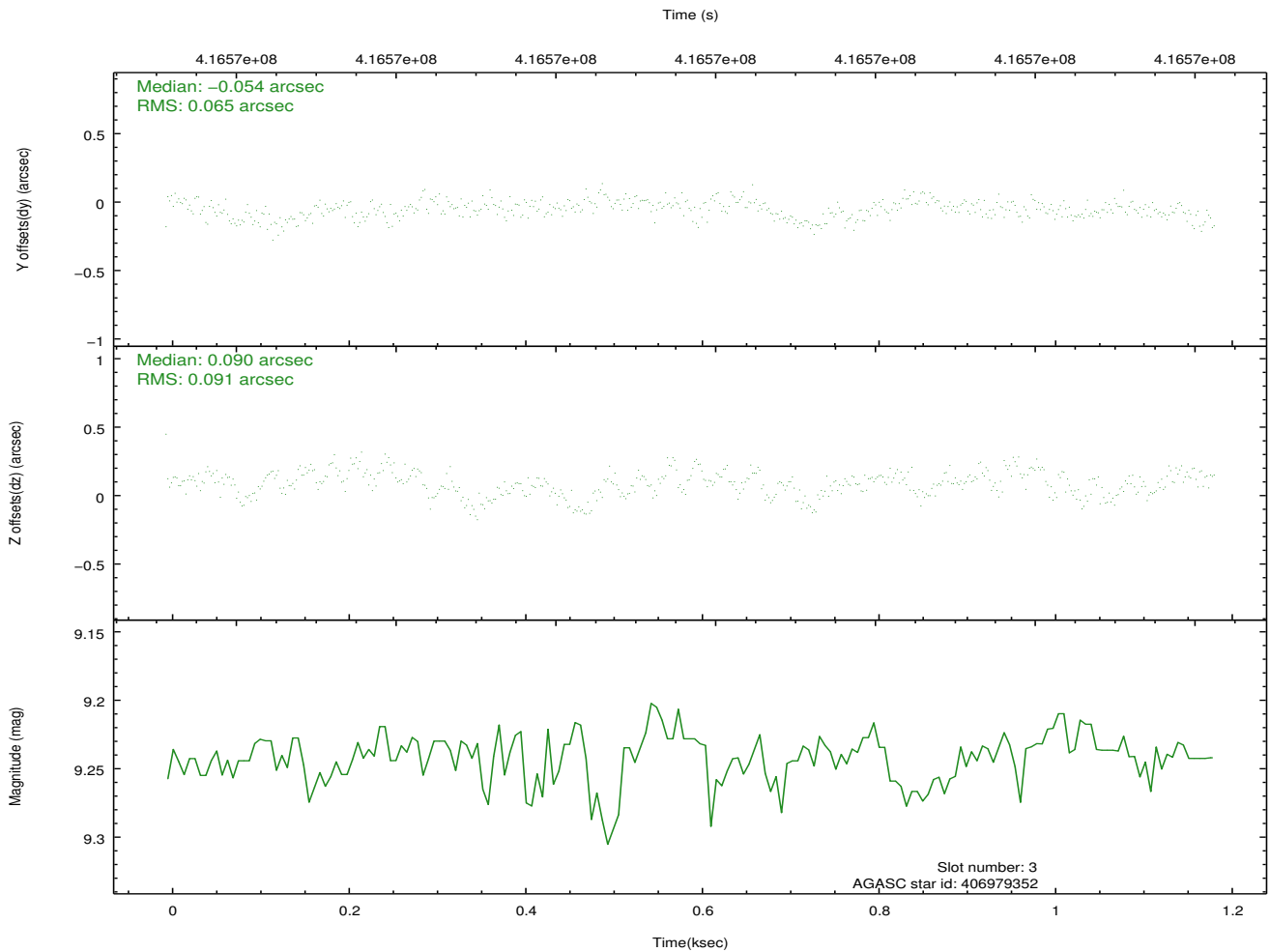
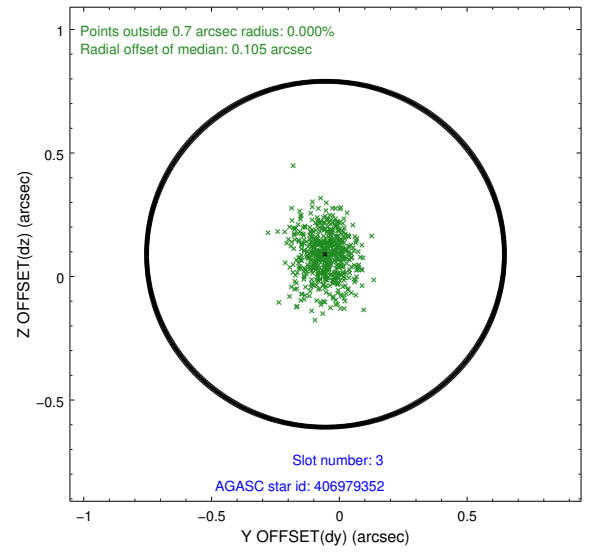
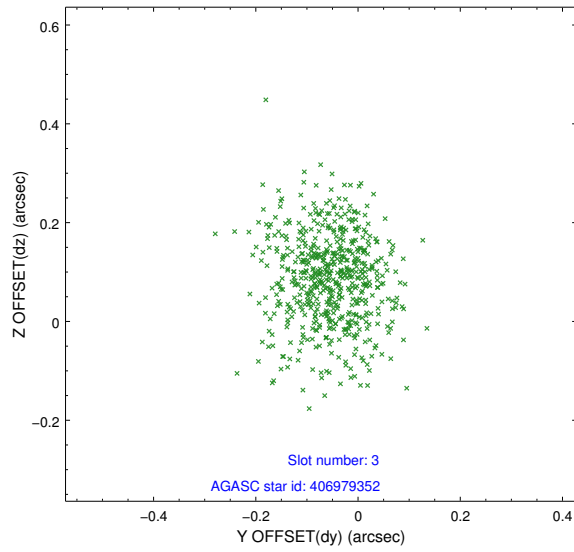


Slot Statistics

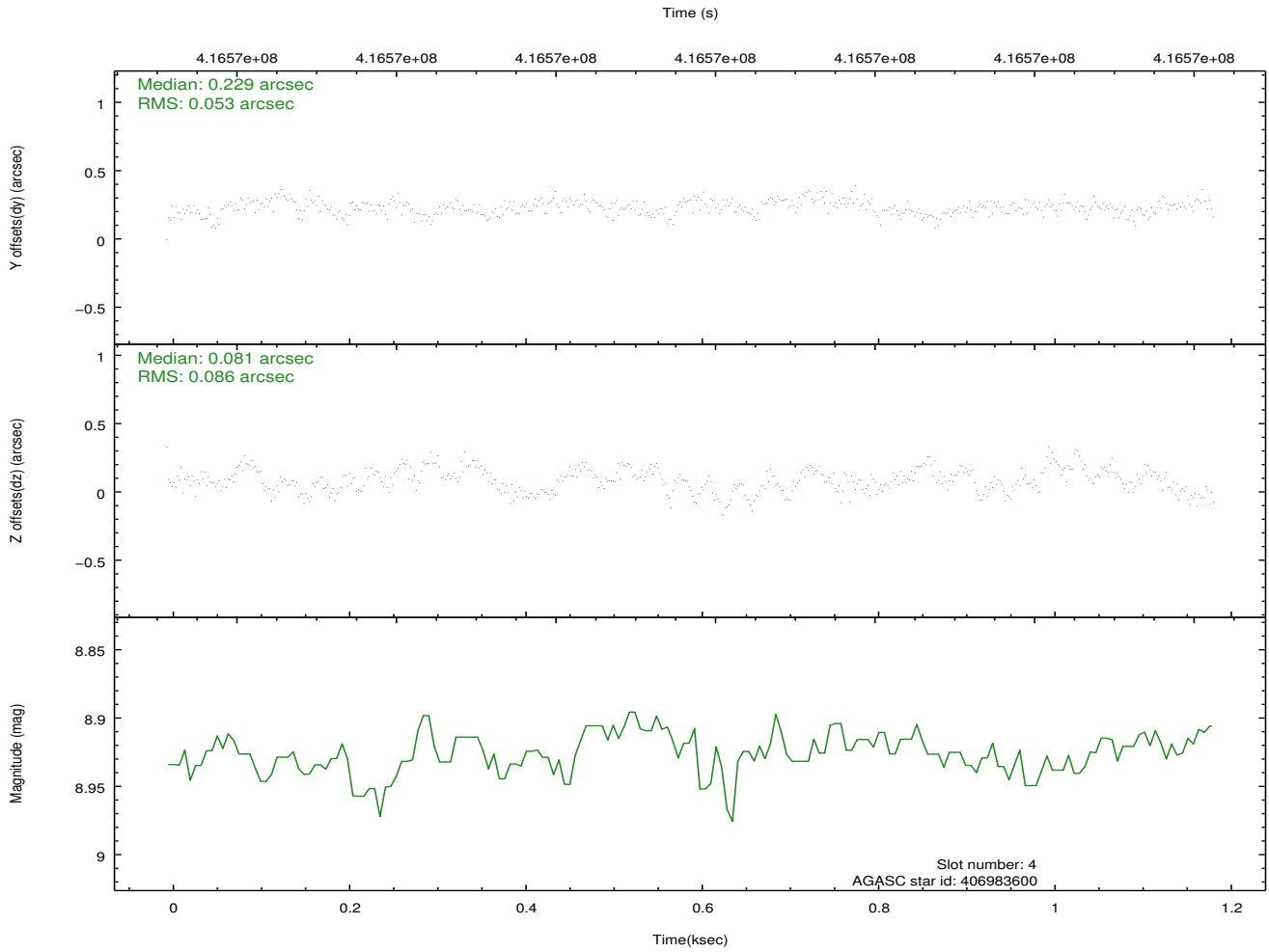
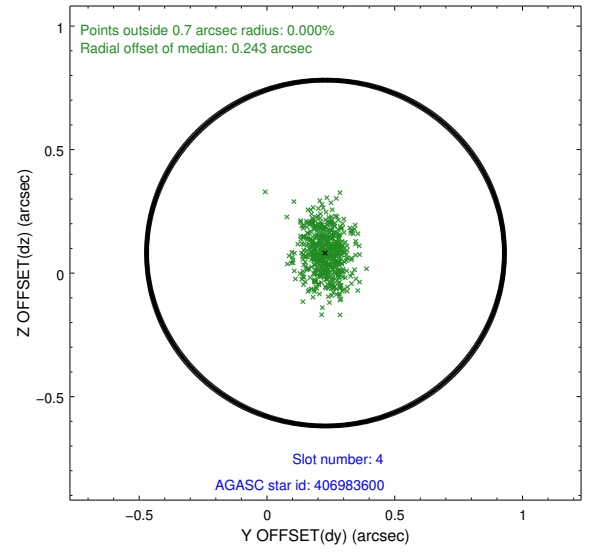
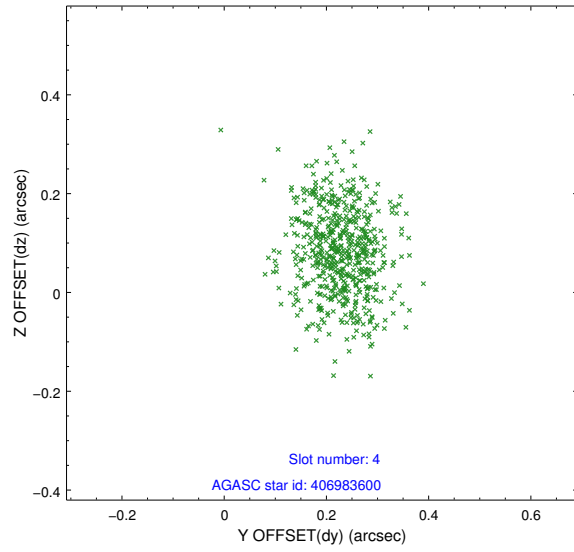
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	290	-0.009	-0.183	0.006	0.010	0.000000	0.000000	-1174.50	-466.18
1	FID	HRC-S-3	7.01	290	0.110	-0.073	0.006	0.011	0.000000	0.000000	-1181.18	561.84
2	FID	HRC-S-4	6.94	290	0.285	-0.040	0.004	0.009	0.000000	0.000000	1219.93	568.05
3	GUIDE	406979352	9.24	580	-0.054	0.090	0.116	0.198	279.968297	39.230258	547.02	-1641.51
4	GUIDE	406983600	8.93	580	0.229	0.081	0.108	0.174	279.940957	39.020708	-205.30	-1720.68
5	GUIDE	406985120	7.43	580	0.086	-0.041	0.093	0.151	278.839732	38.894839	-1247.18	1217.04
6	GUIDE	407510432	8.13	579	-0.046	-0.222	0.084	0.130	278.762778	39.530640	959.25	1861.12
7	GUIDE	407513096	8.13	578	-0.219	0.122	0.083	0.138	279.928965	39.436841	1257.08	-1381.92

2.4 Star Slots

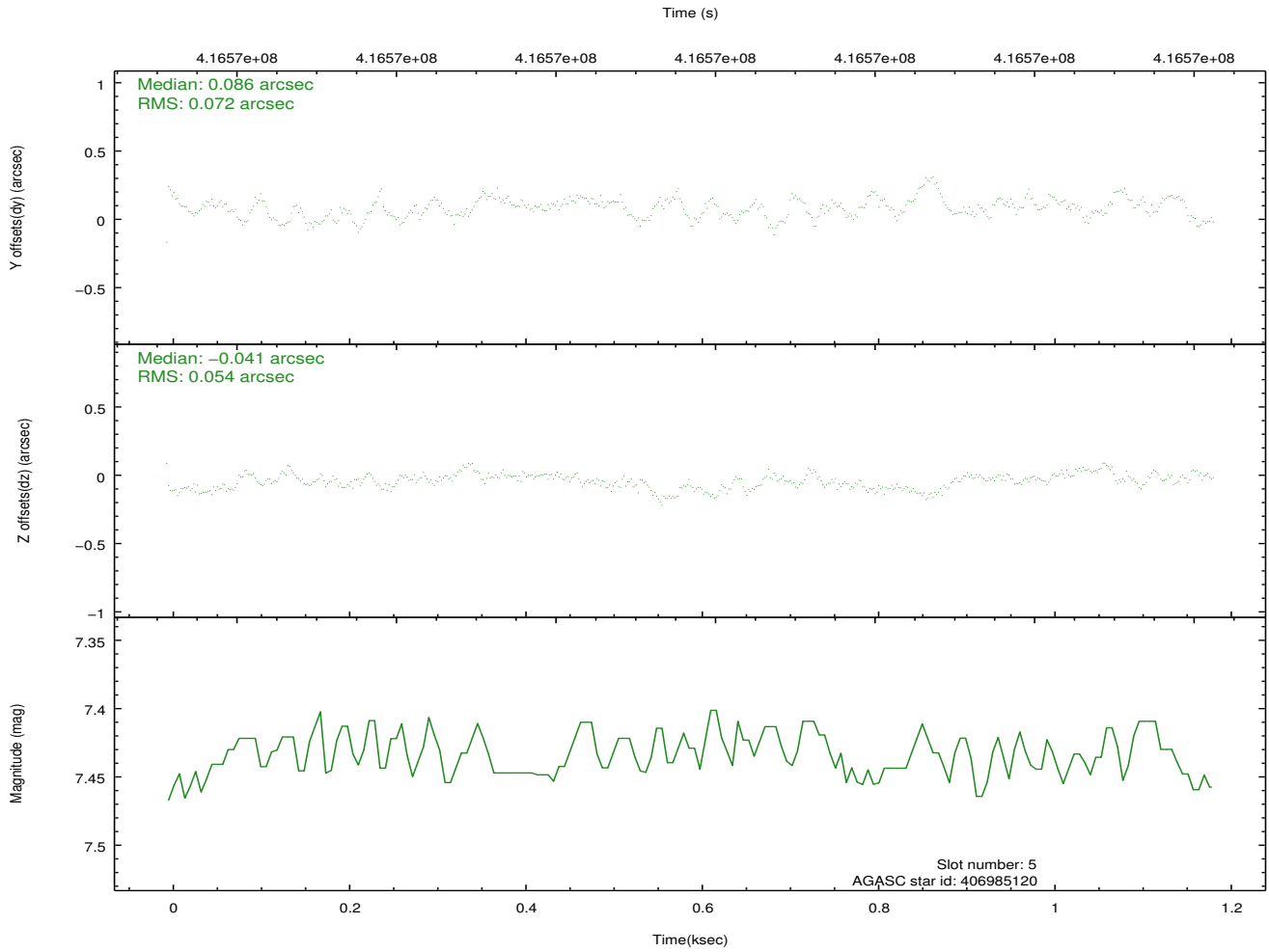
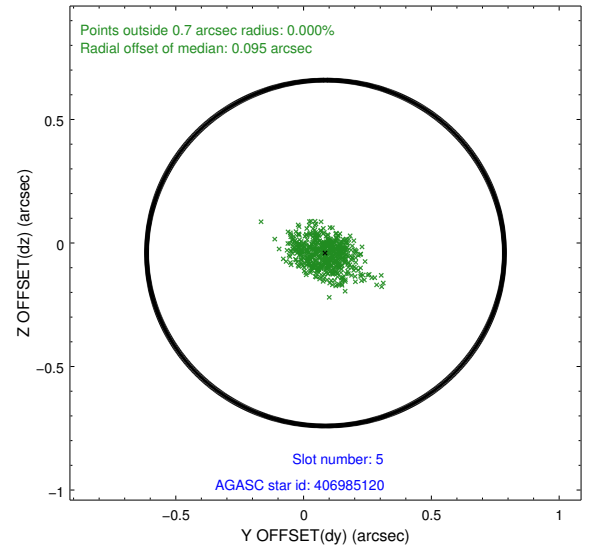
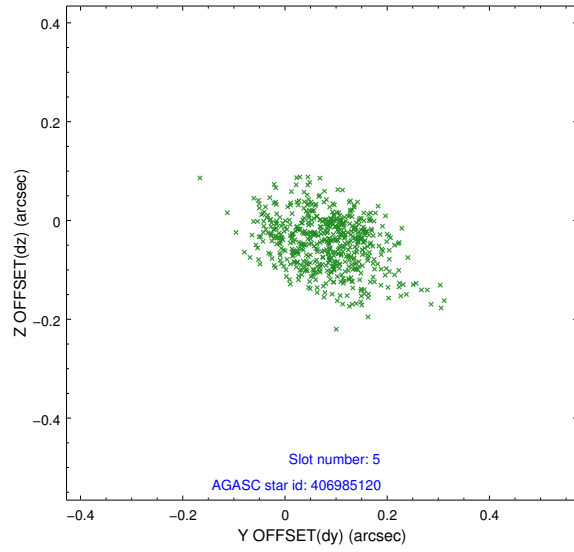
2.4.1 Slot 3



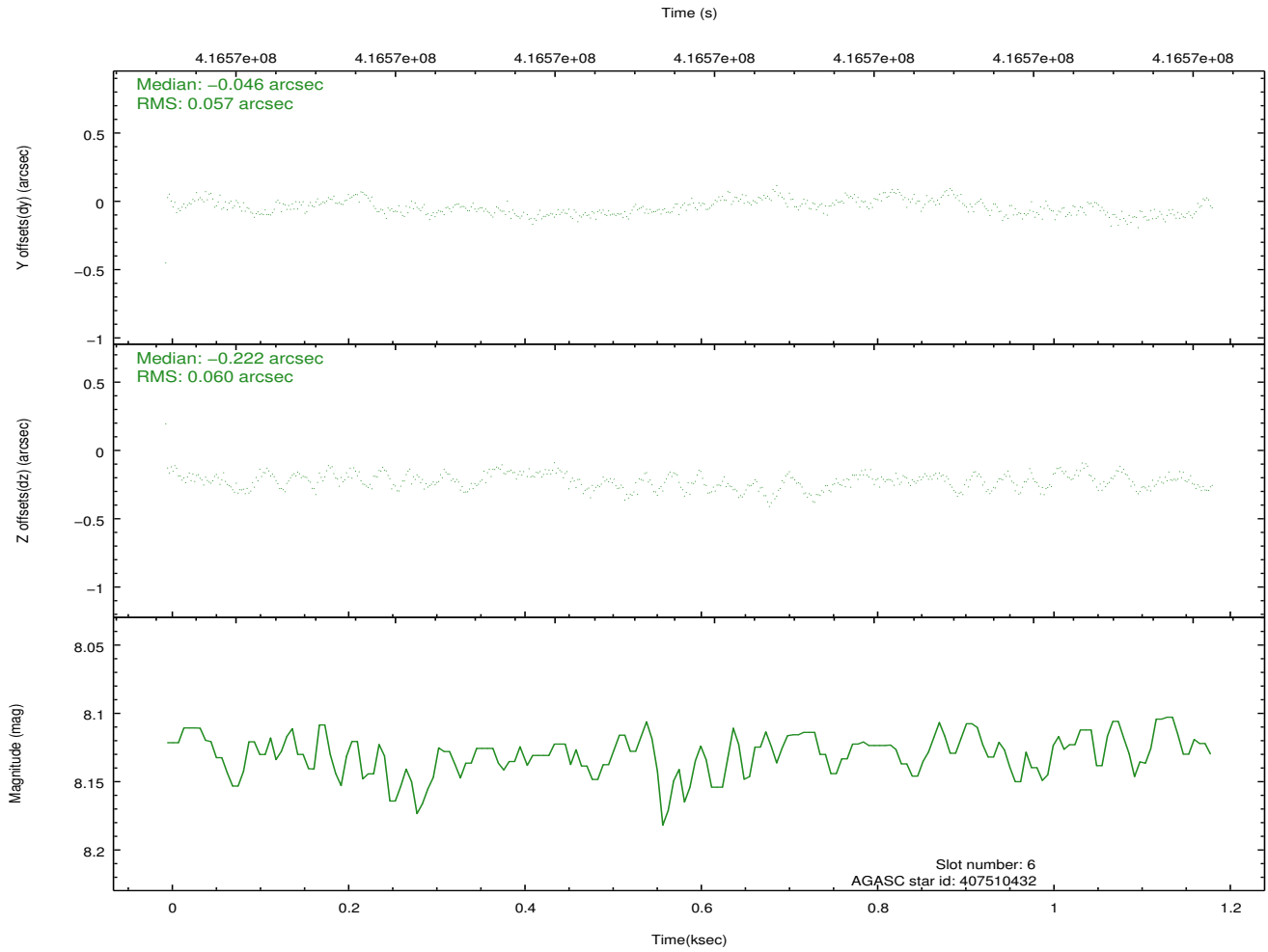
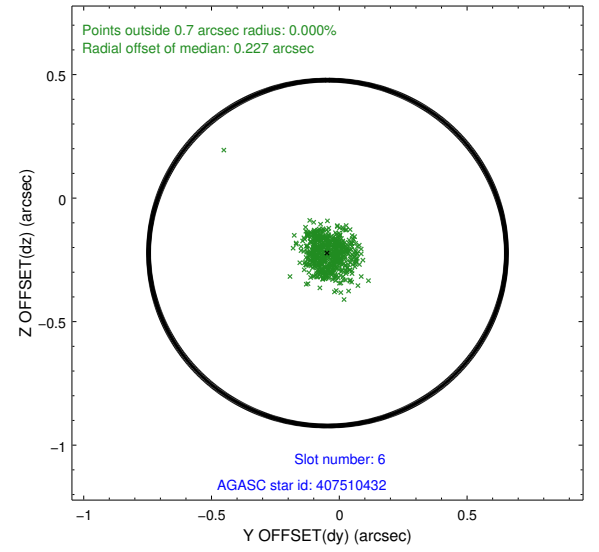
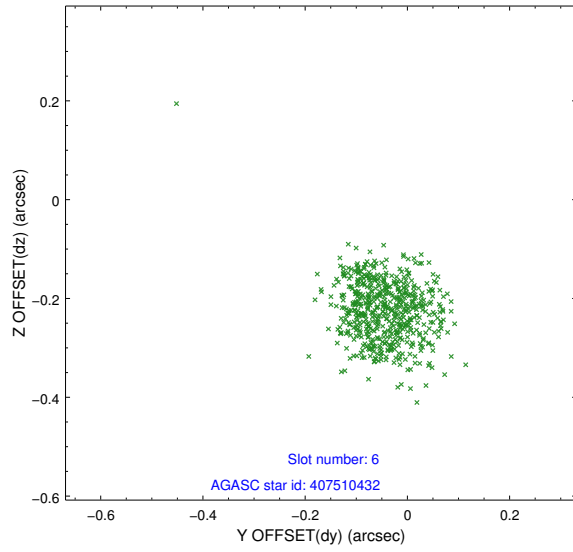
2.4.2 Slot 4



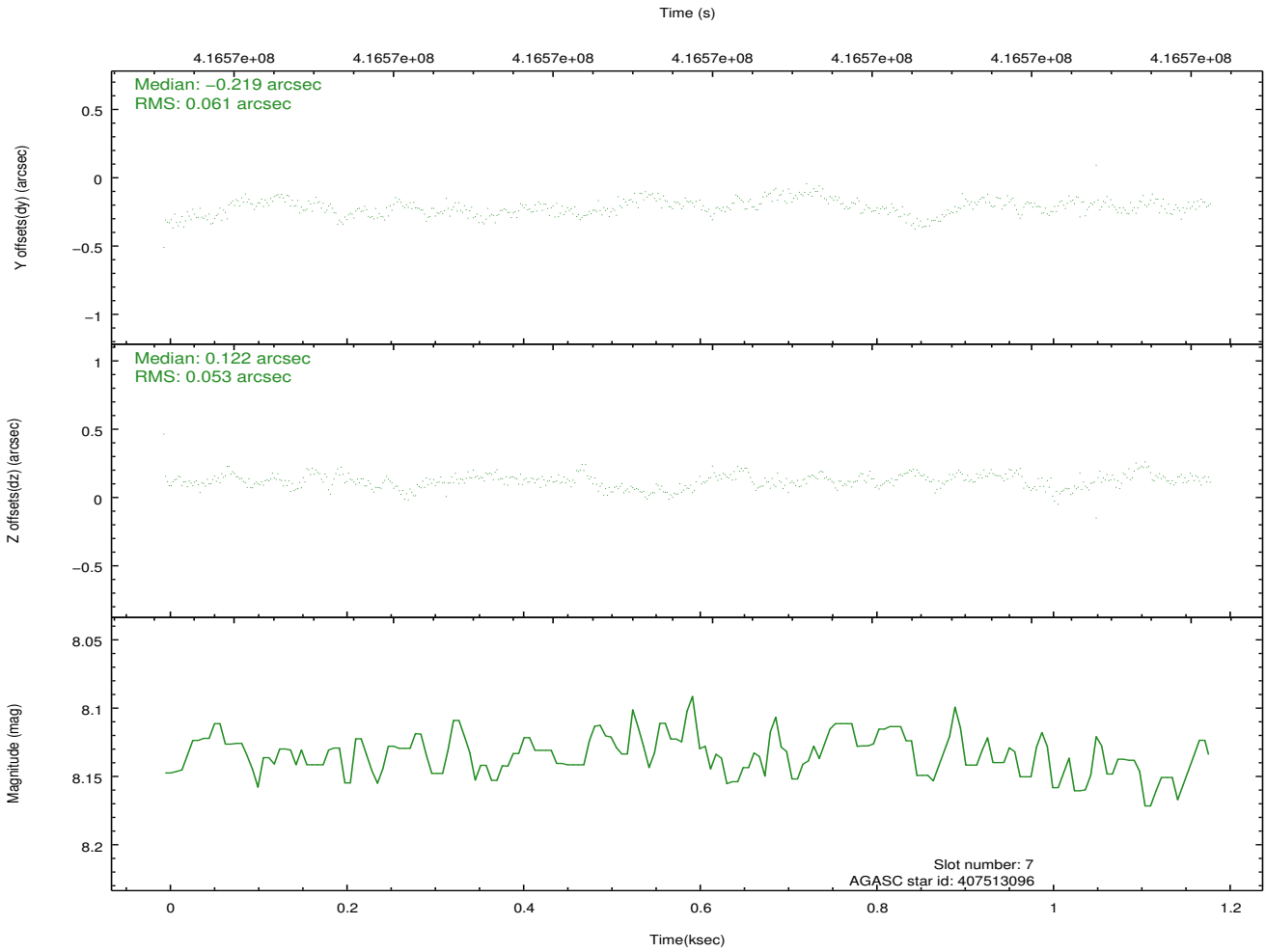
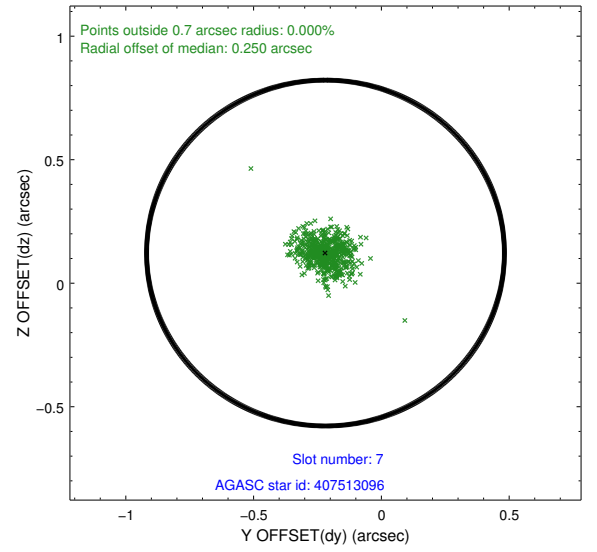
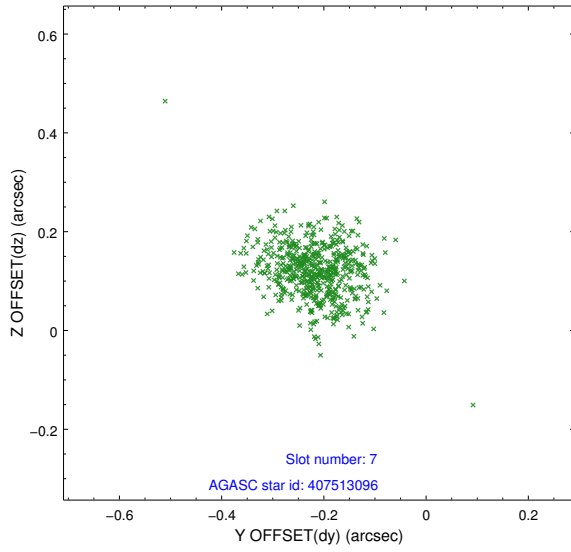
2.4.3 Slot 5



2.4.4 Slot 6

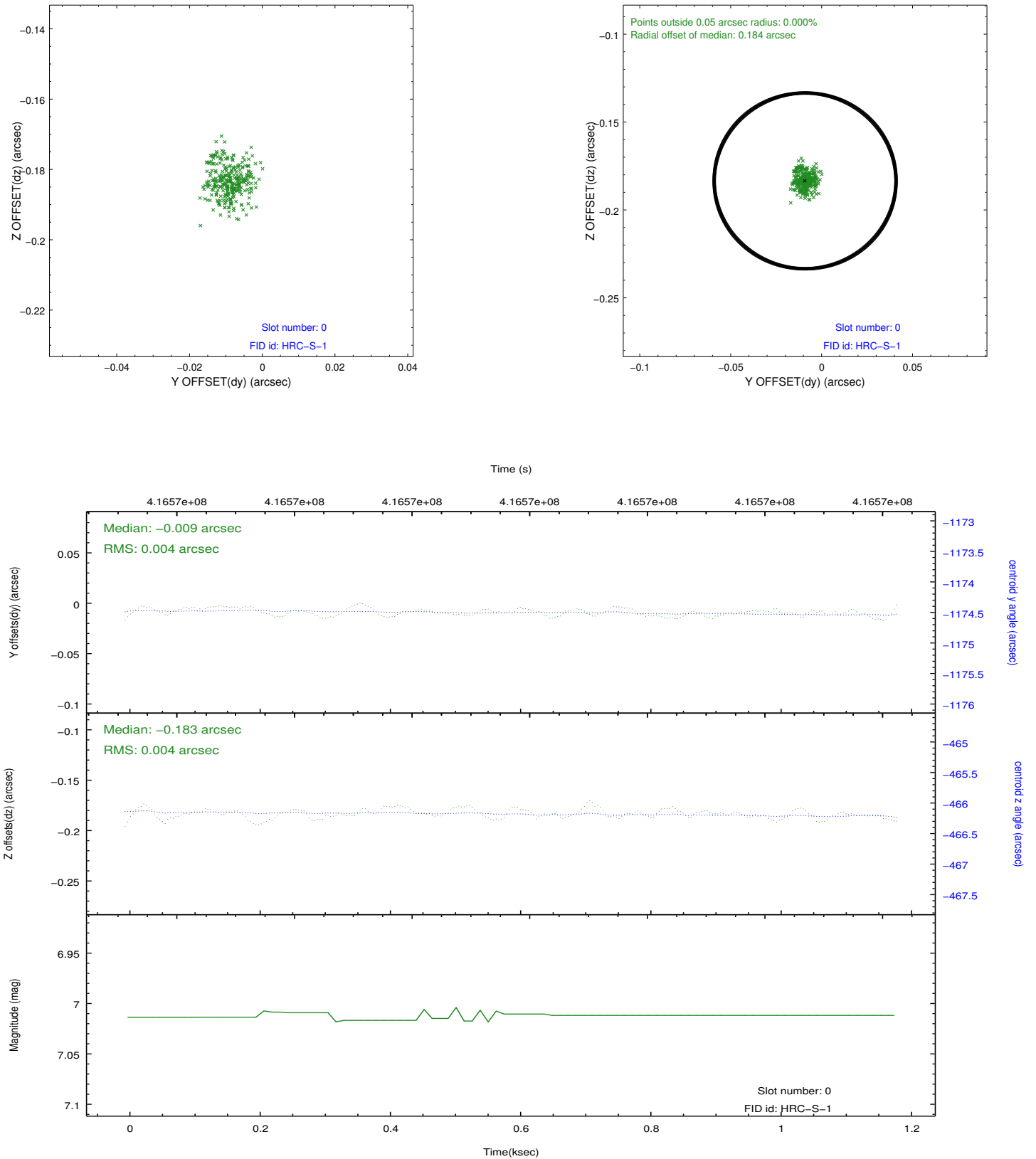


2.4.5 Slot 7

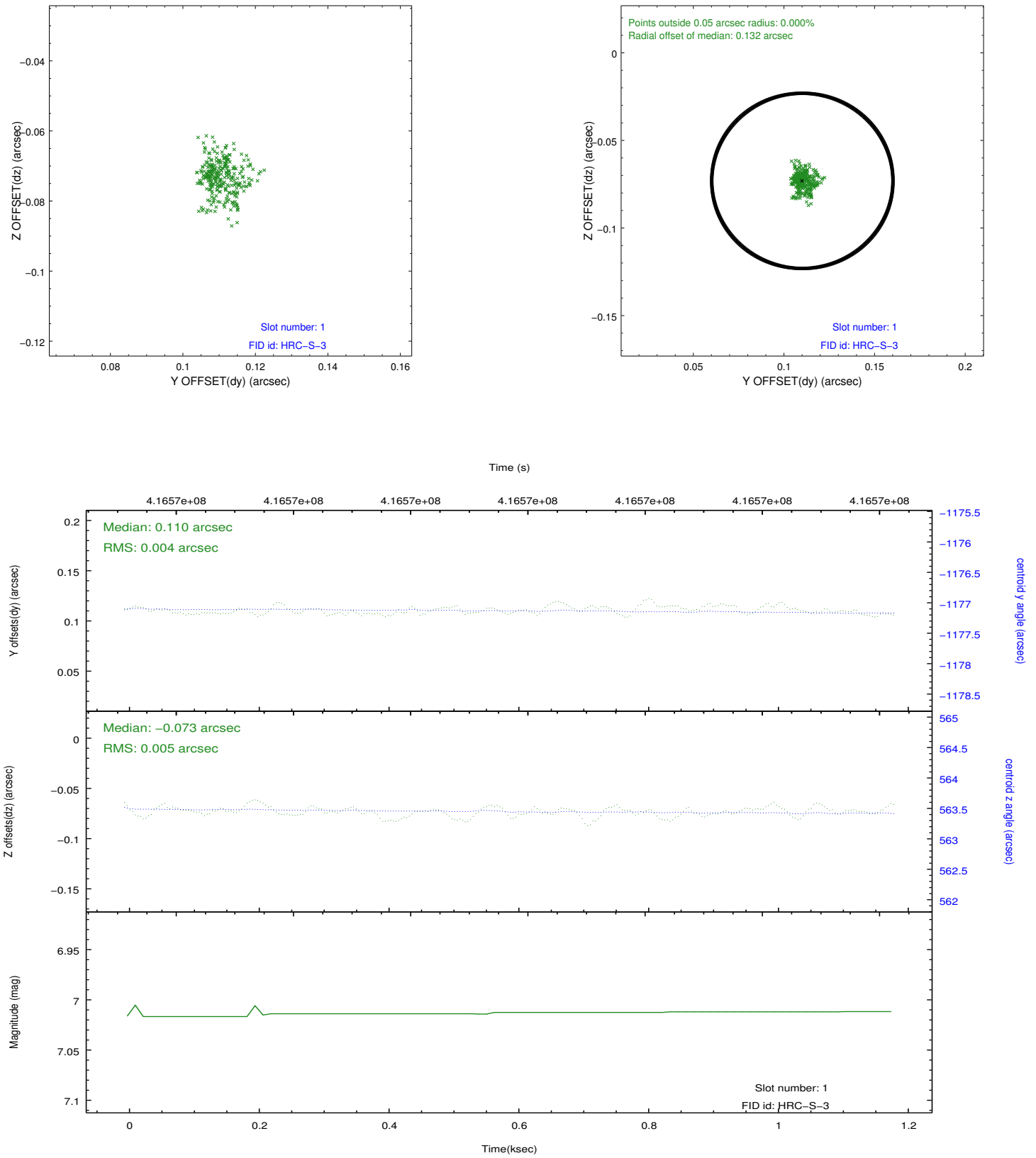


2.5 FID Slots

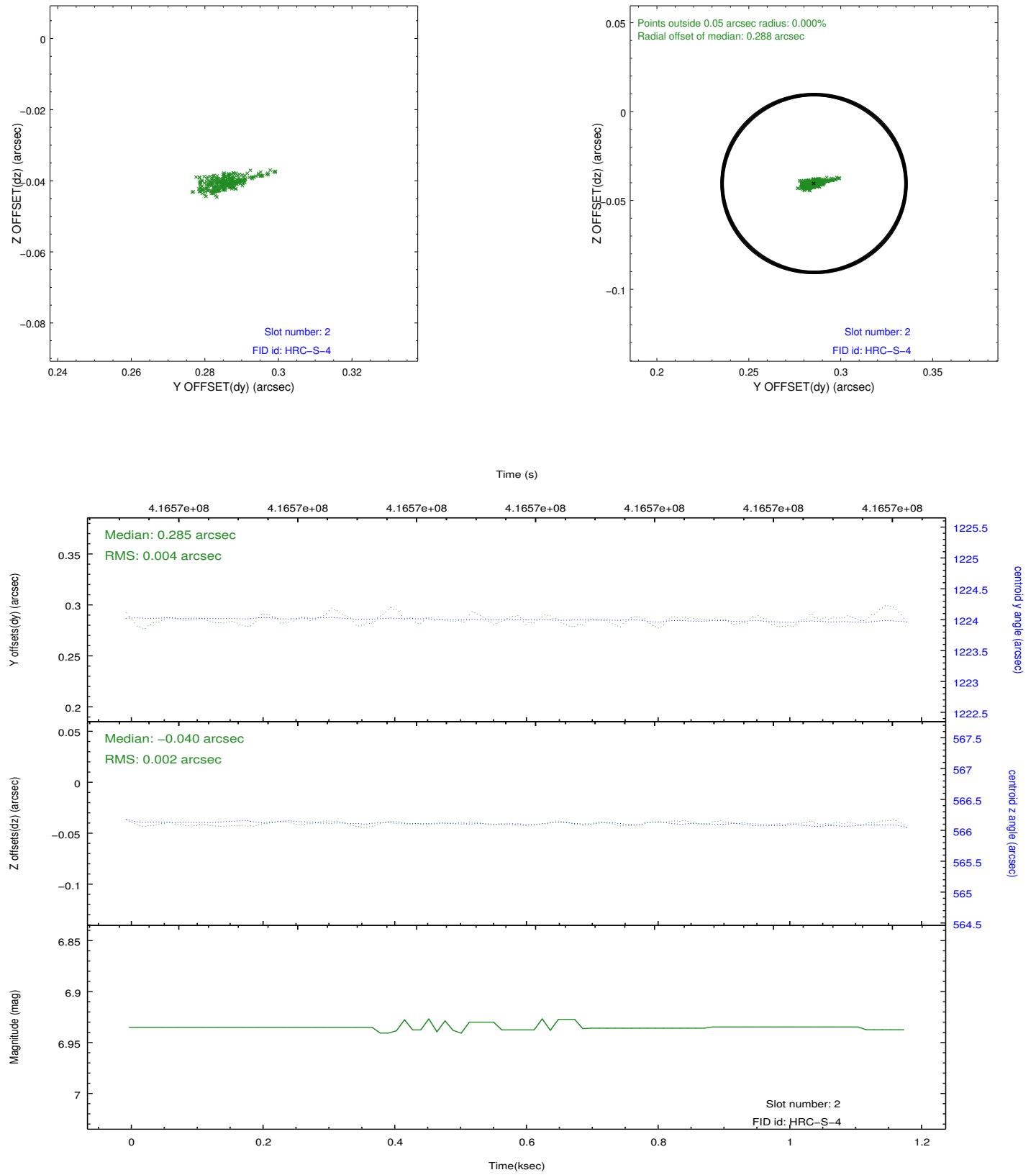
2.5.1 Slot 0



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	1.1861813114285

A.2 Comments

Window preference met.