

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5346 - L2 Version 4
Chandra X-Ray Center

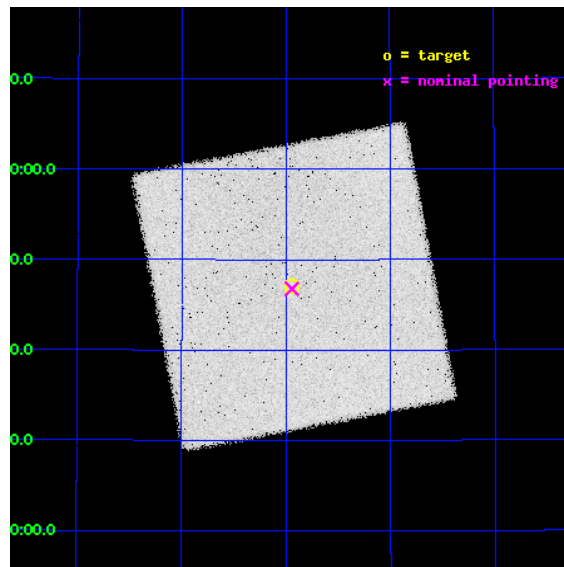
L2 Processing Date : Dec 10 2012

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1 Front

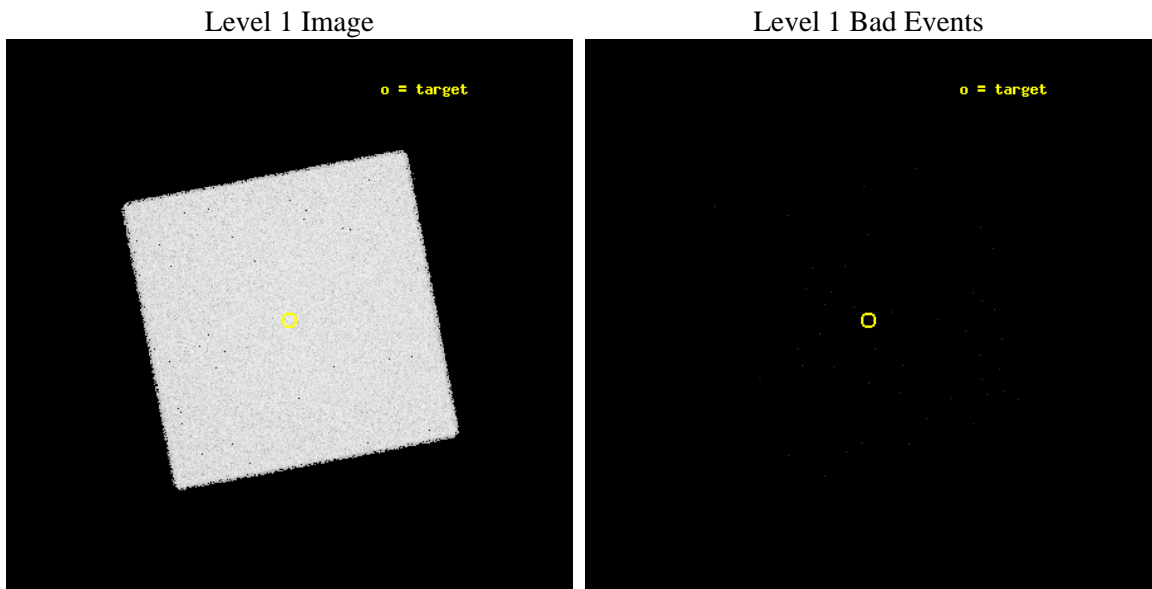
seq_num	290443	Sequence number
obs_id	5346	Observation id
title	Monitoring the health of the HRC UV Ion shield	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.2358678041	Nominal RA [deg]
dec_nom	38.779639220165	Nominal Dec [deg]
roll_nom	304.2955388769	Nominal Roll [deg]
revision	4	Processing version of data
ontime	3182.8813927174	[s]
livetime	3081.0214785974	Ontime multiplied by DTCOR
l2events	259232	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	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	3182.8813927174	[s]
caldbver	4.5.4	 	l1events	480970	Number of level 1 events
date	2012-12-11T00:26:00	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

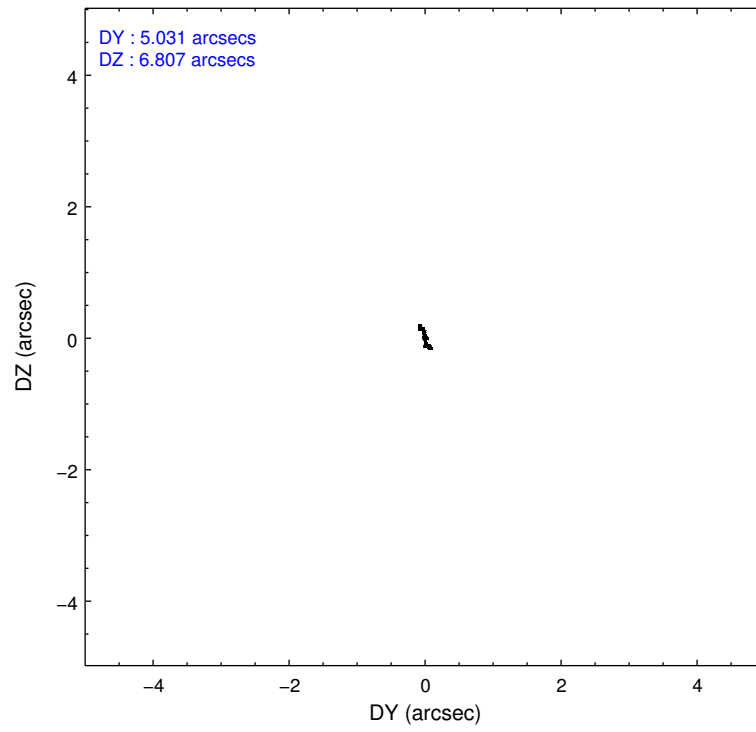
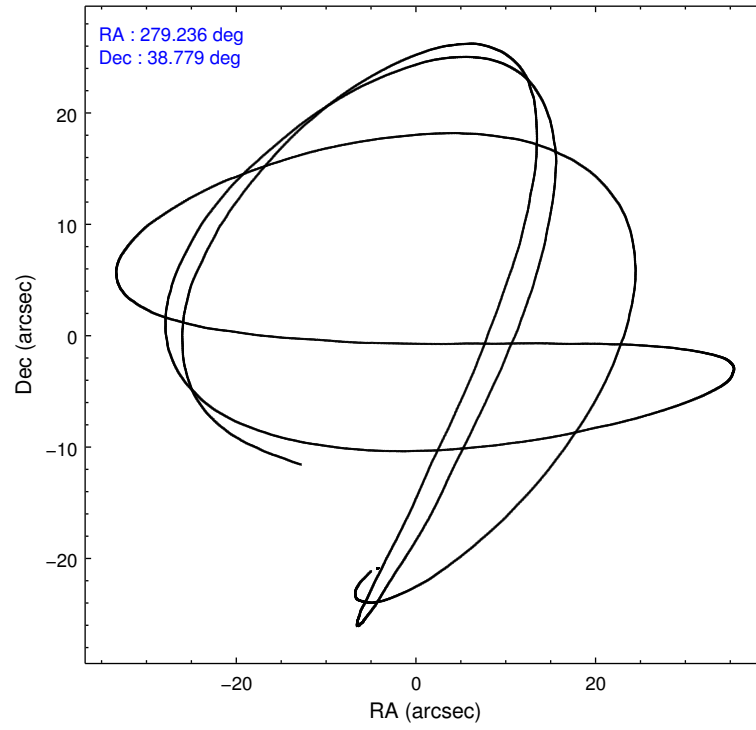
	segment 0
level 1 events	480970
rejected events	112381
rejected %	23%

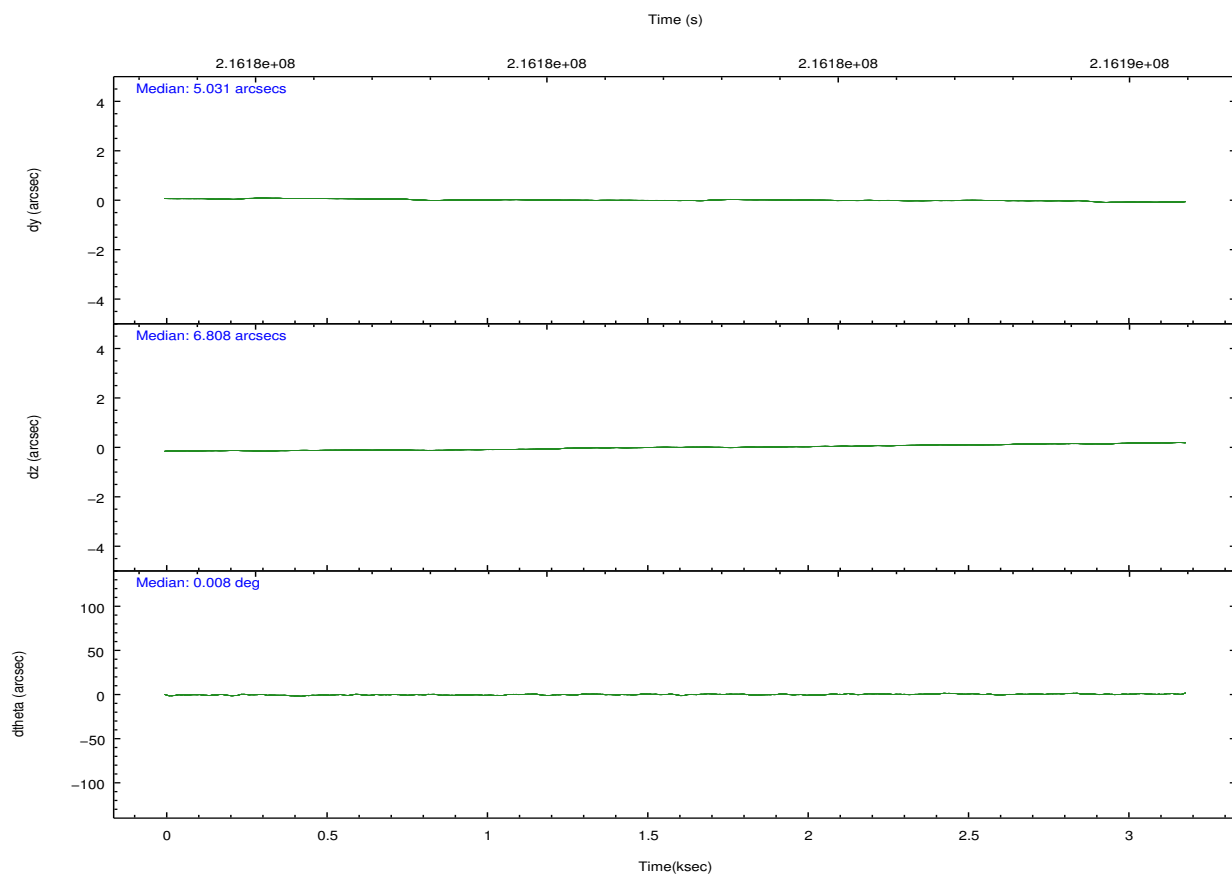
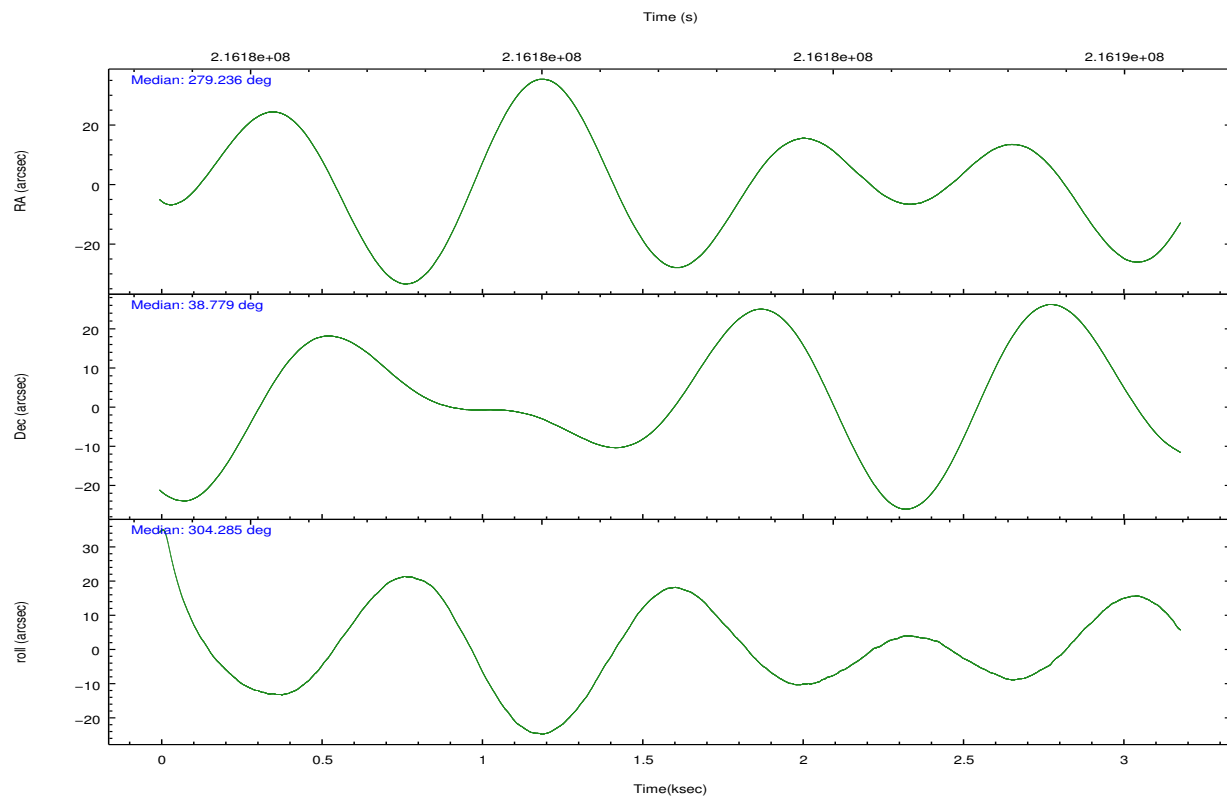
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	279.204403	279.2358678040969
[deg] Pointing Dec	38.790880	38.77963922016536
[deg] Pointing Roll	304.410649	304.2955388768962
[s] Window start time (MET)	215654464.184000	215654464.184000
[s] Window stop time (MET)	218246404.184000	218246404.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	216183024.184000	216181795.34876
Observation start date	2004-11-07T02:49:20	2004-11-07T02:29:55
[s] Observation end time (MET)	216186024.184000	216186158.26145
Observation end date	2004-11-07T03:39:20	2004-11-07T03:42:38

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

2.3 Aspect



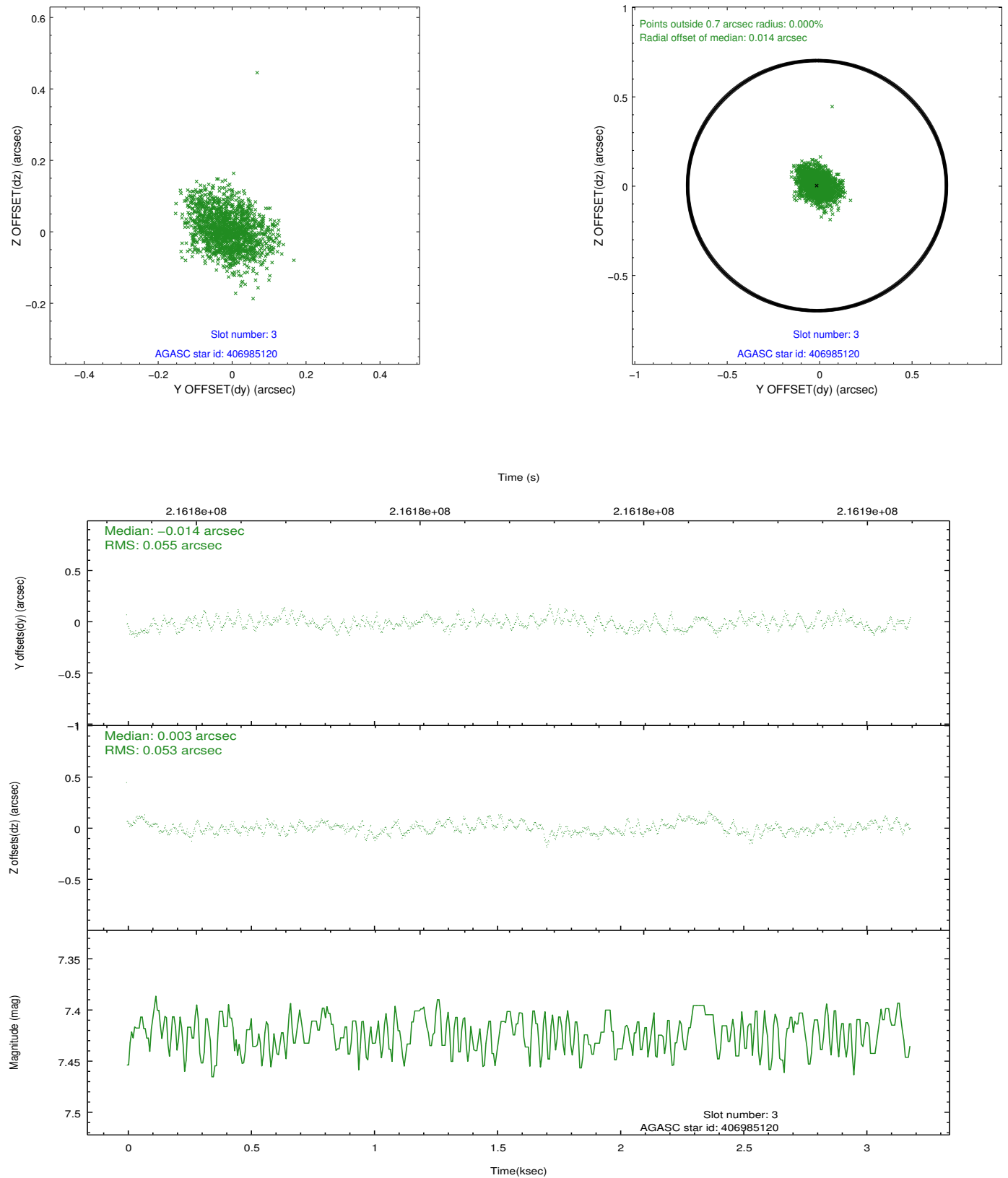


Slot Statistics

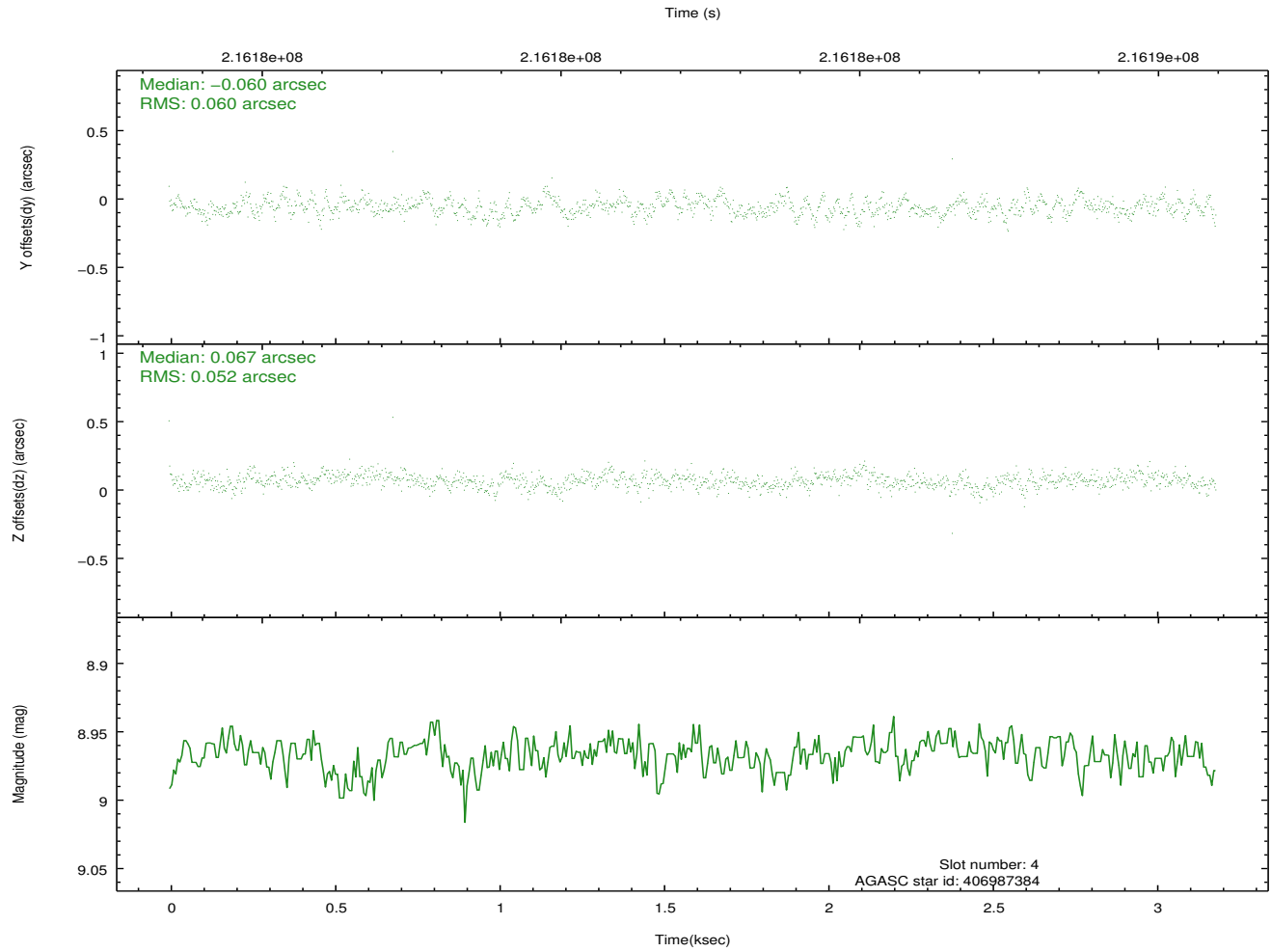
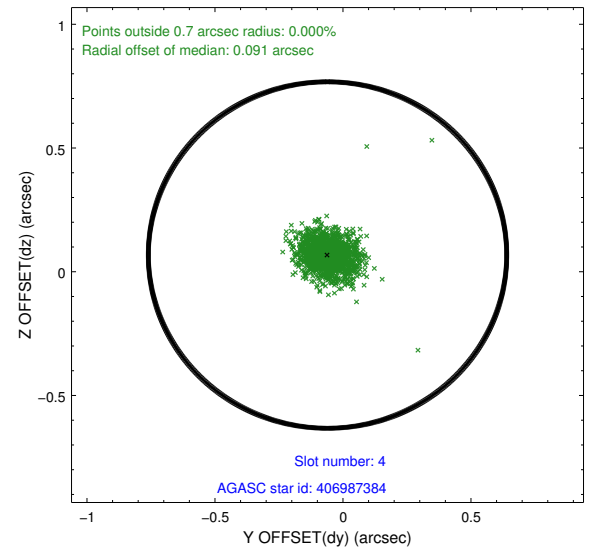
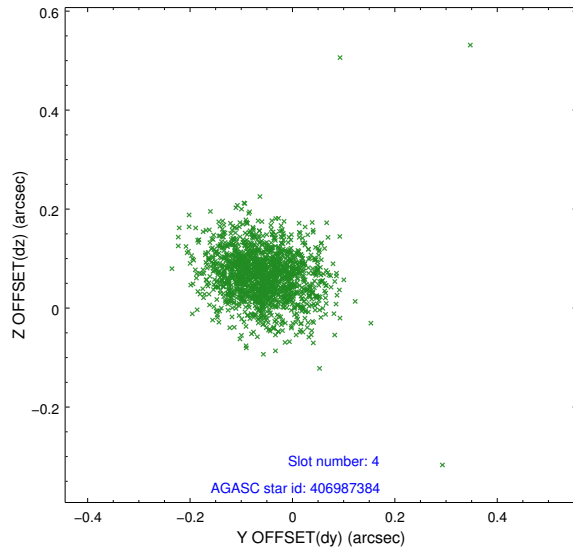
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	777	0.081	-0.046	0.010	0.017	0.000000	0.000000	852.16	-1296.30
1	FID	HRC-I-3	7.05	777	-0.069	0.012	0.010	0.015	0.000000	0.000000	-1188.04	1008.19
2	FID	HRC-I-4	7.00	777	0.108	-0.052	0.007	0.011	0.000000	0.000000	1280.79	1008.73
3	GUIDE	406985120	7.42	1554	-0.014	0.003	0.082	0.131	278.839732	38.894839	-887.26	-629.70
4	GUIDE	406987384	8.97	1553	-0.060	0.067	0.081	0.135	278.815518	38.115336	1382.35	-2281.13
5	GUIDE	406990192	9.00	1553	0.047	-0.073	0.089	0.141	278.510952	38.533654	-343.86	-2131.05
6	GUIDE	406983600	8.91	1550	-0.028	-0.002	0.101	0.157	279.940957	39.020708	475.15	2171.46
7	GUIDE	407521232	8.65	1553	0.050	0.002	0.108	0.165	279.628883	39.431715	-1238.15	2281.03

2.4 Star Slots

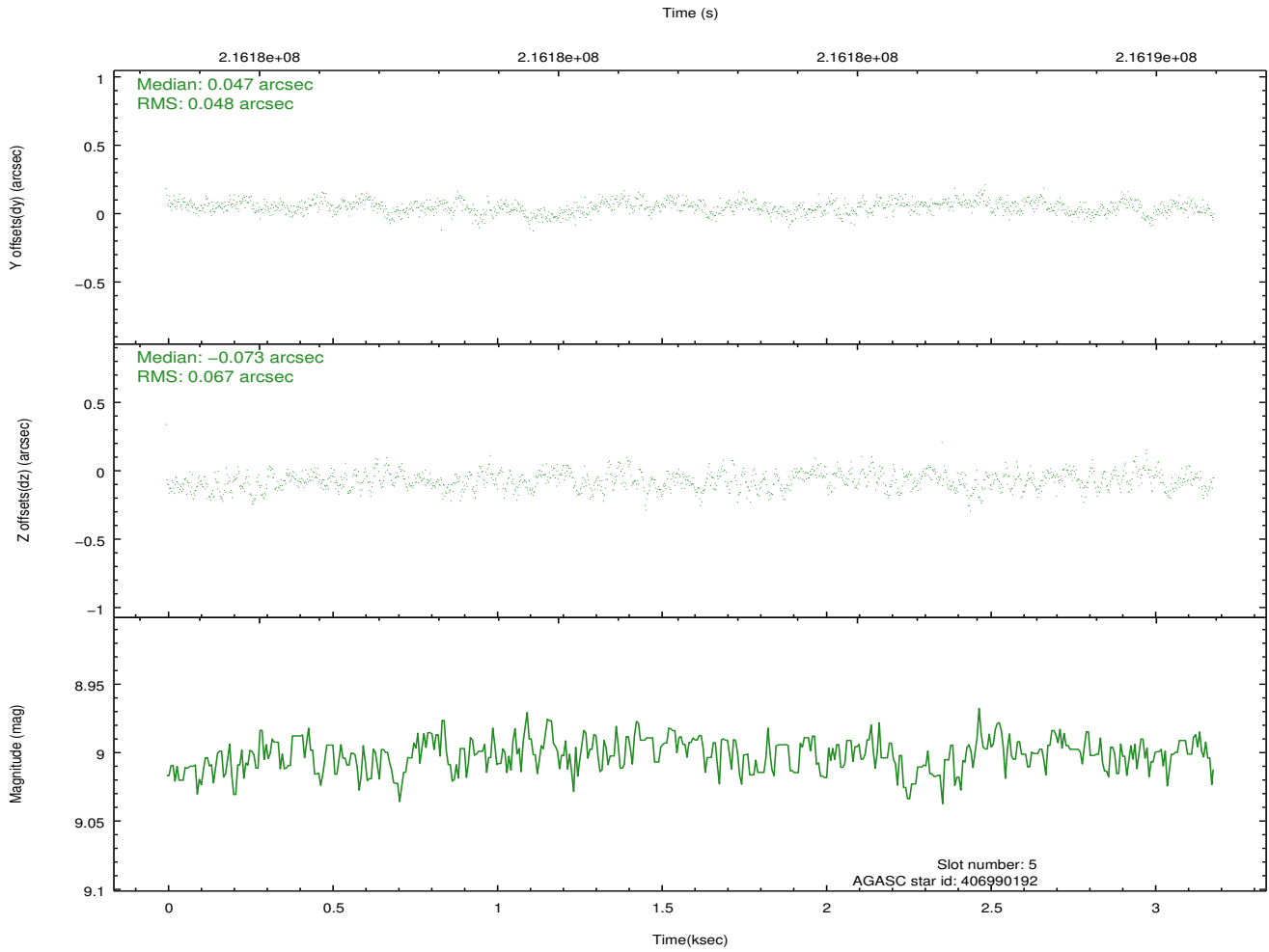
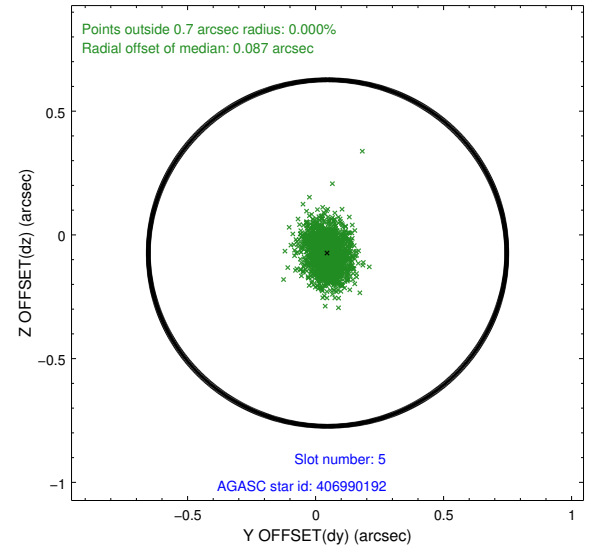
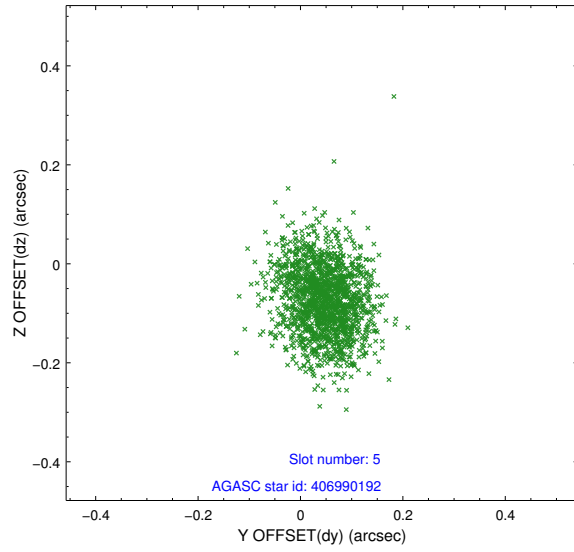
2.4.1 Slot 3



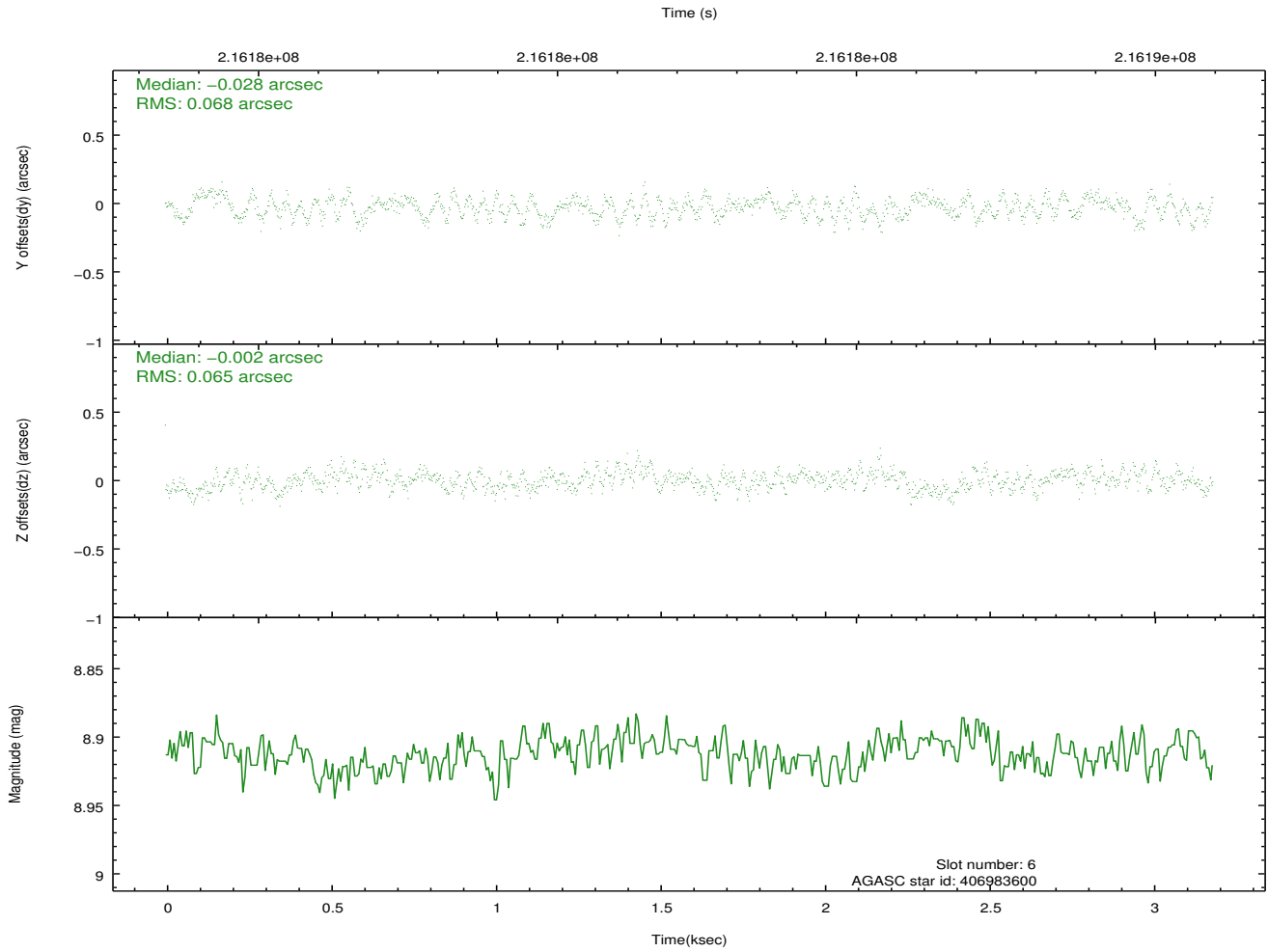
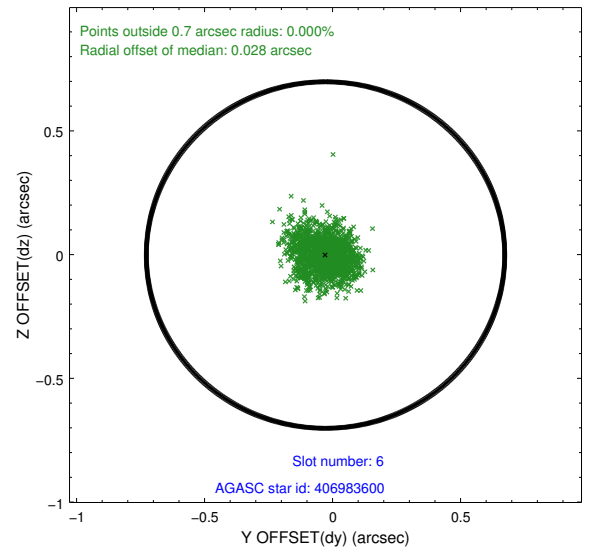
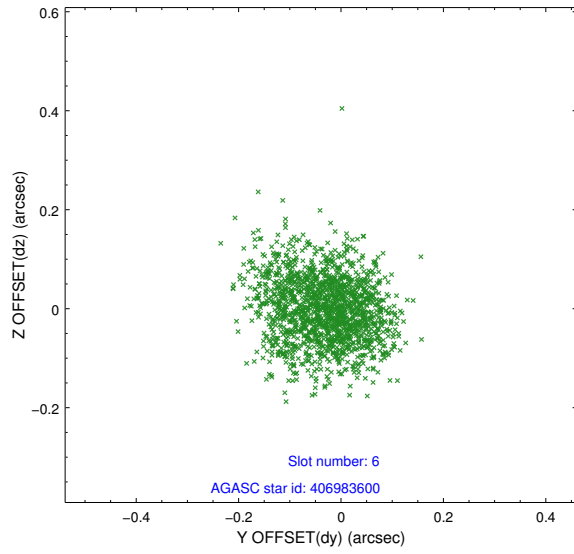
2.4.2 Slot 4



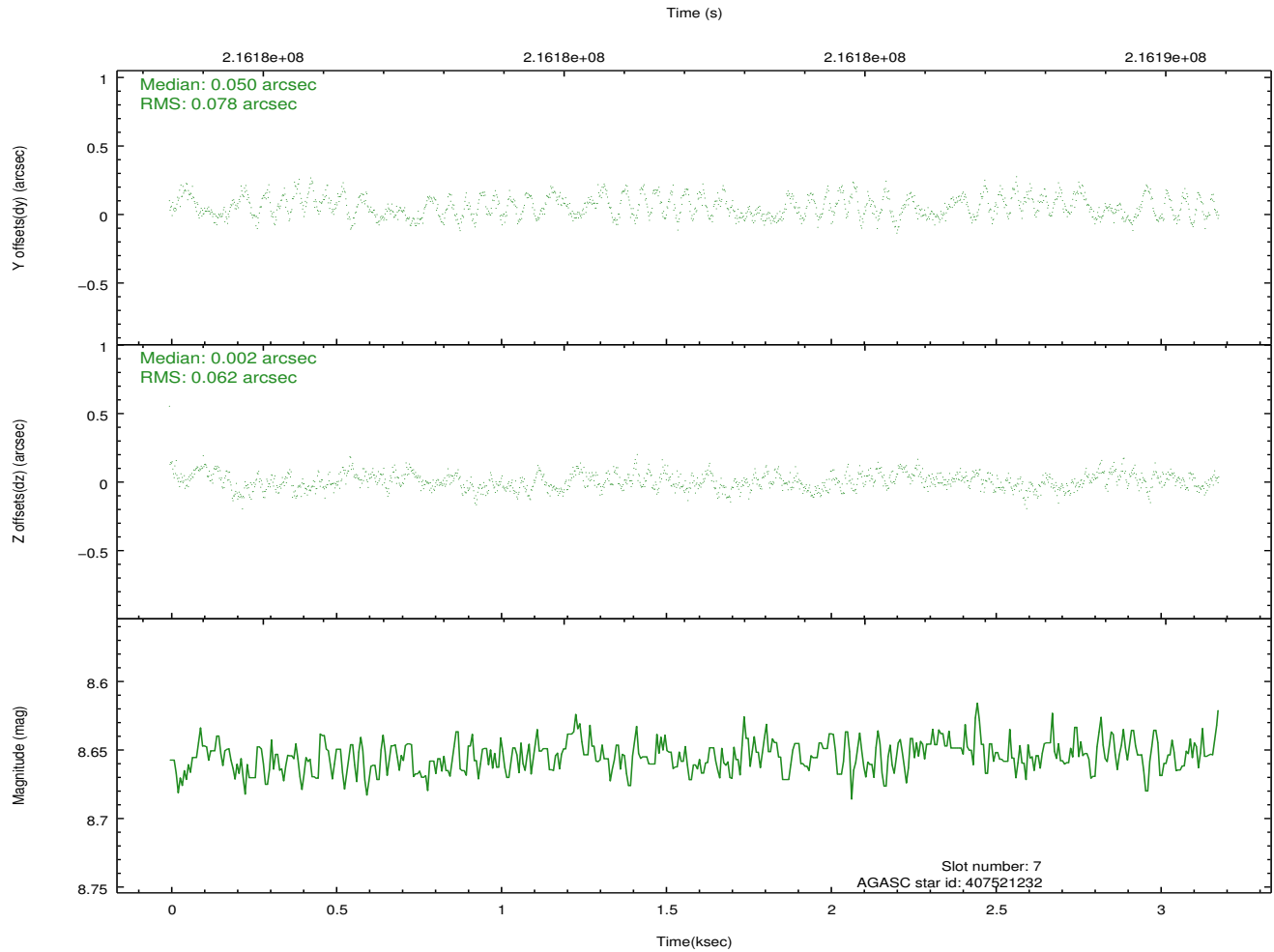
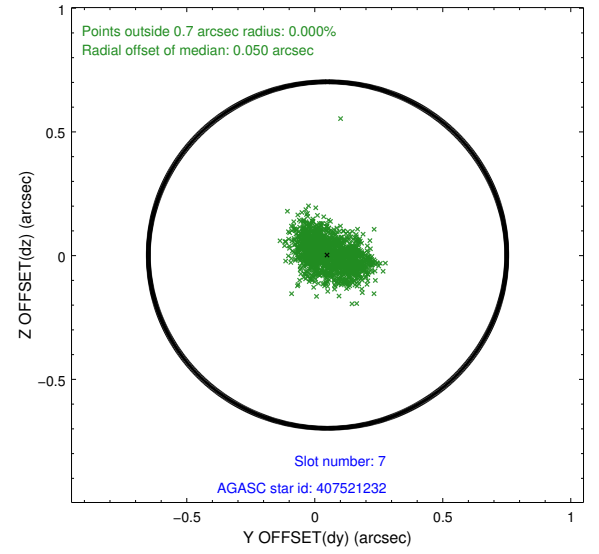
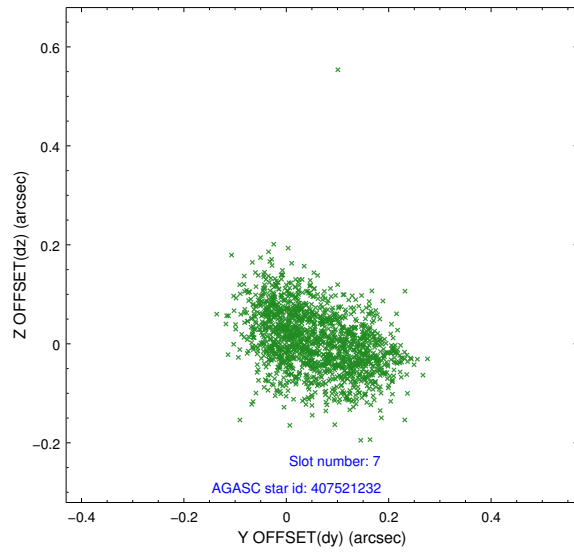
2.4.3 Slot 5



2.4.4 Slot 6

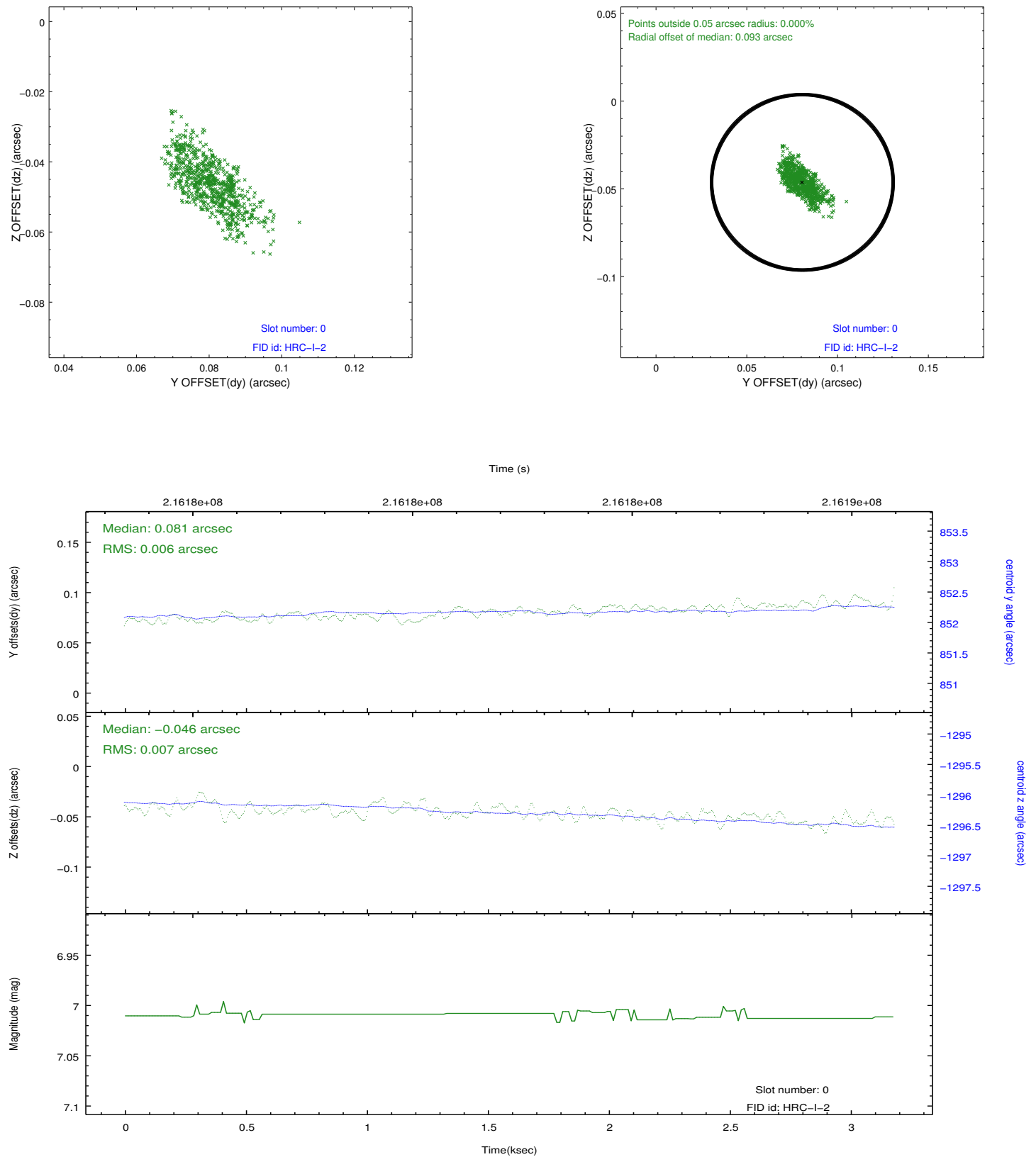


2.4.5 Slot 7

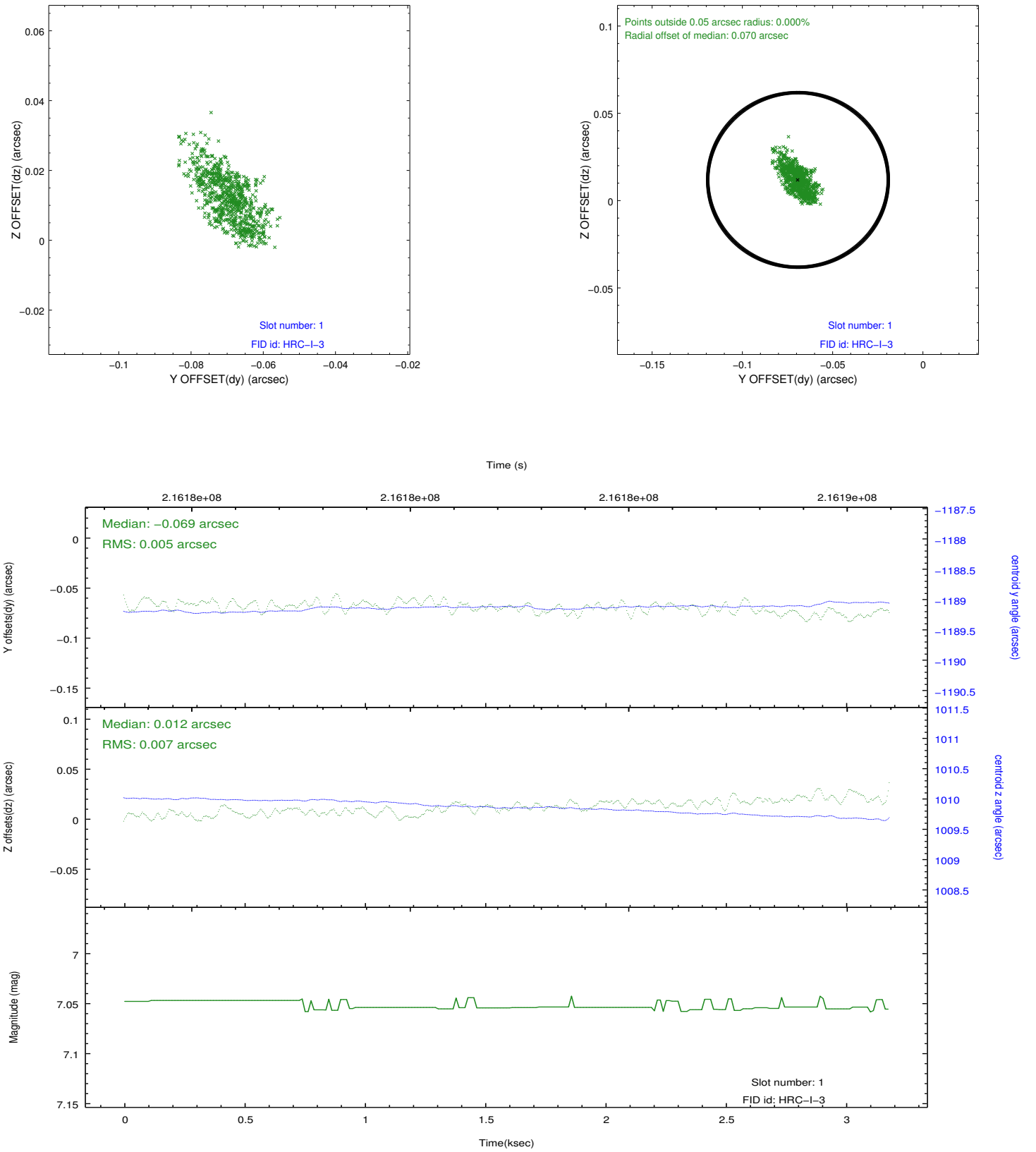


2.5 FID Slots

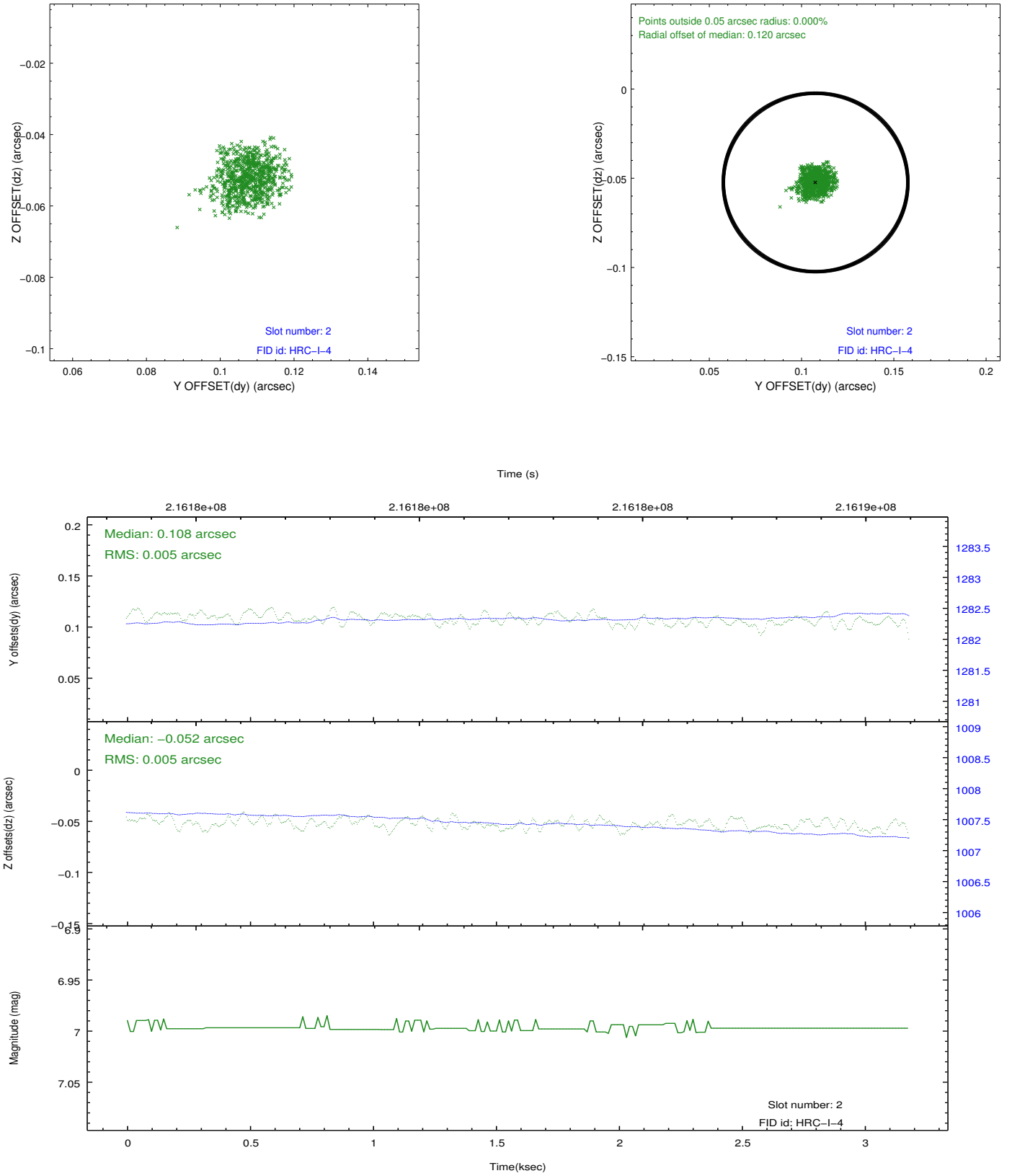
2.5.1 Slot 0



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)	2013.01.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.182

A.2 Comments

Window constraint met.