

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11939 - L2 Version 3
Chandra X-Ray Center

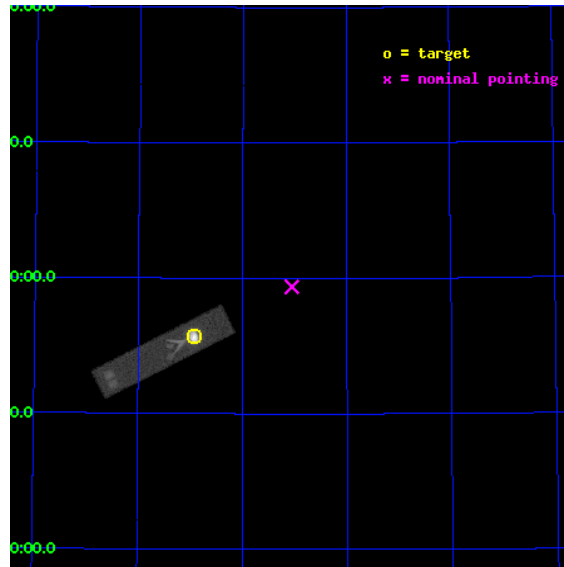
L2 Processing Date : Aug 13 2012

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1 Front

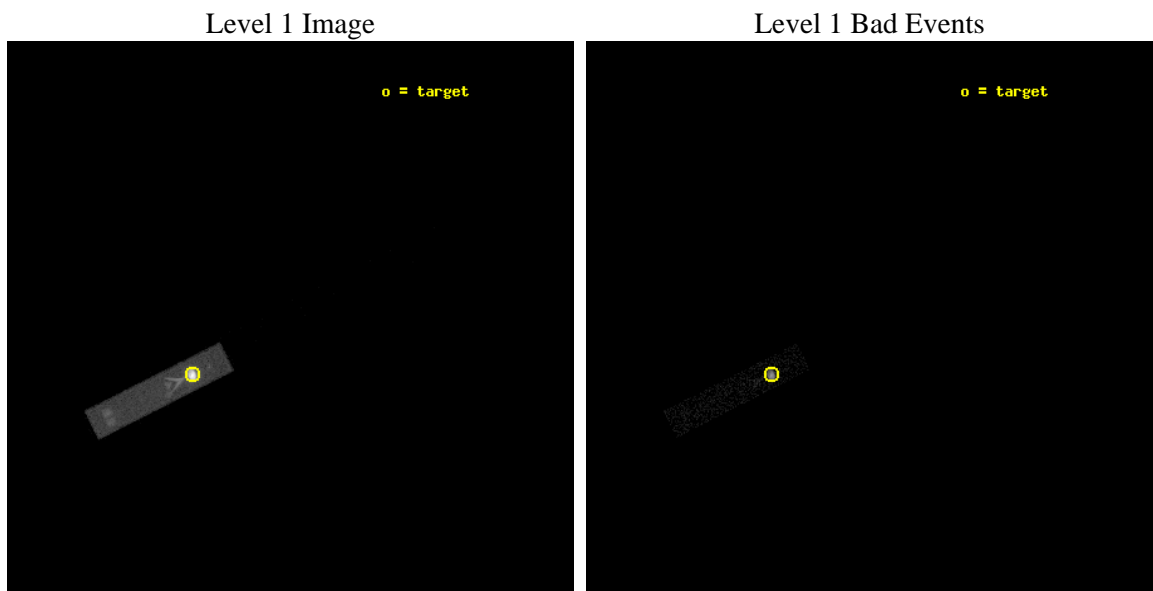
seq_num	290928	Sequence number
obs_id	11939	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	278.76322585718	Nominal RA [deg]
dec_nom	38.969454729499	Nominal Dec [deg]
roll_nom	333.26174674518	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1182.0813097358	[s]
livetime	456.11097371391	Ontime multiplied by DTCOR
l2events	208277	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	1182.0813097358	[s]
caldbver	4.5.1.1	 	l1events	256401	Number of level 1 events
date	2012-08-13T18:00:33	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

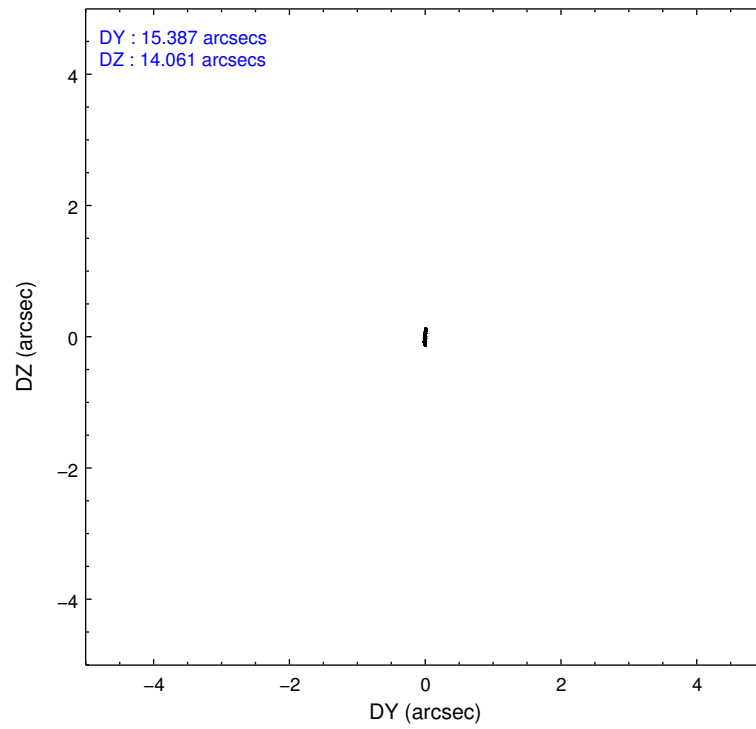
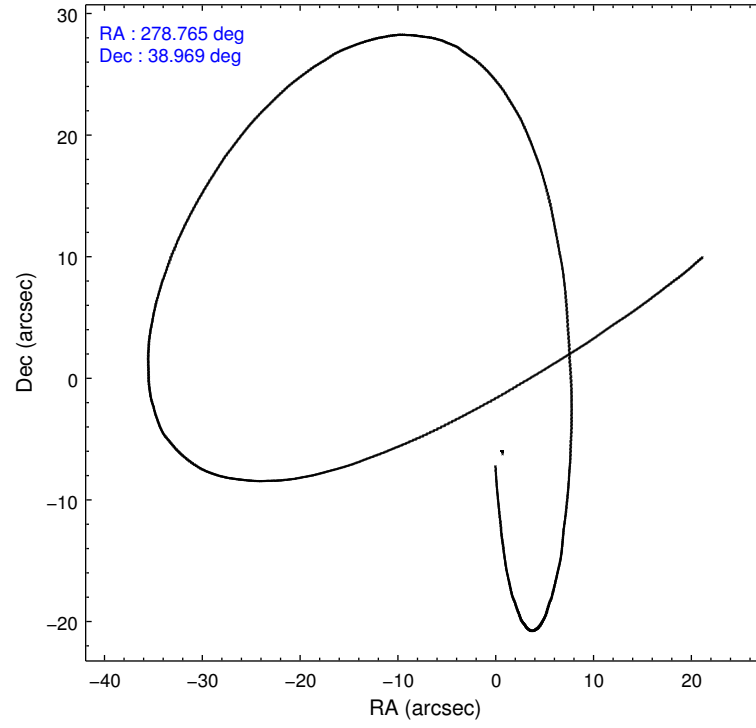
	segment 1	segment 2	segment 3
level 1 events	4	31	256366
rejected events	4	17	38714
rejected %	100%	54%	15%

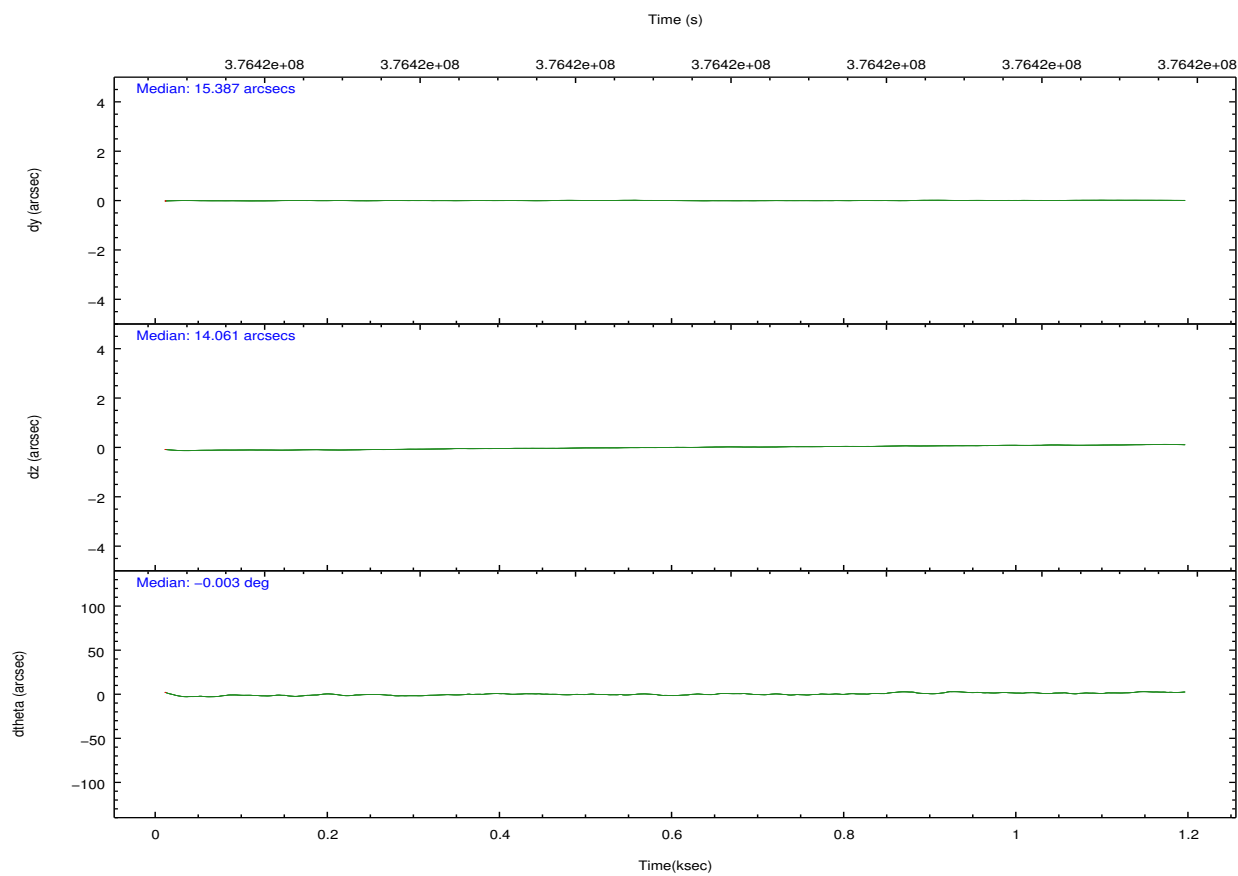
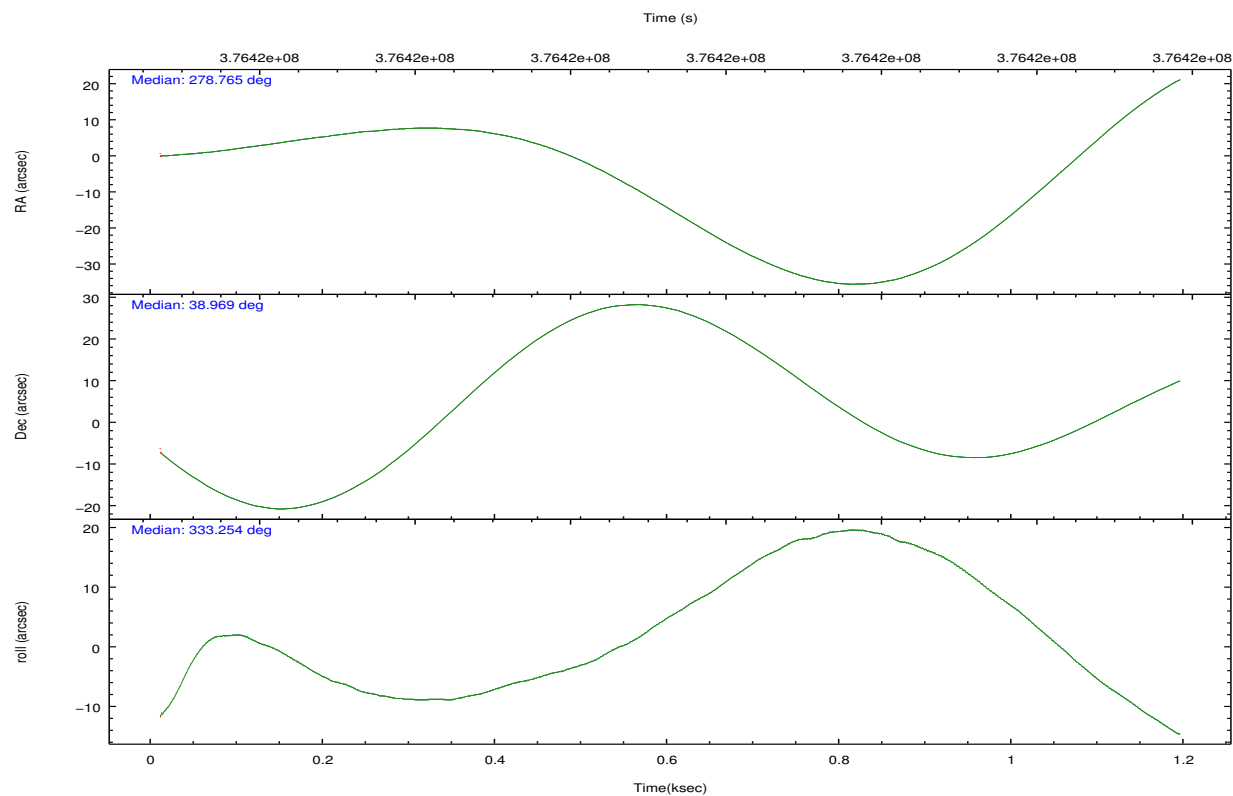
2.2 Compared Parameters

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	278.726632	278.7632258571817
[deg] Pointing Dec	38.967365	38.96945472949929
[deg] Pointing Roll	333.217547	333.2617467451815
[s] Window start time (MET)	376012866.184000	376012866.184000
[s] Window stop time (MET)	383702466.184000	383702466.184000
[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)	376421733.184000	376421356.57203
Observation start date	2009-12-05T17:34:27	2009-12-05T17:29:16
[s] Observation end time (MET)	376422733.184000	376423666.40965
Observation end date	2009-12-05T17:51:07	2009-12-05T18:07:46

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

2.3 Aspect



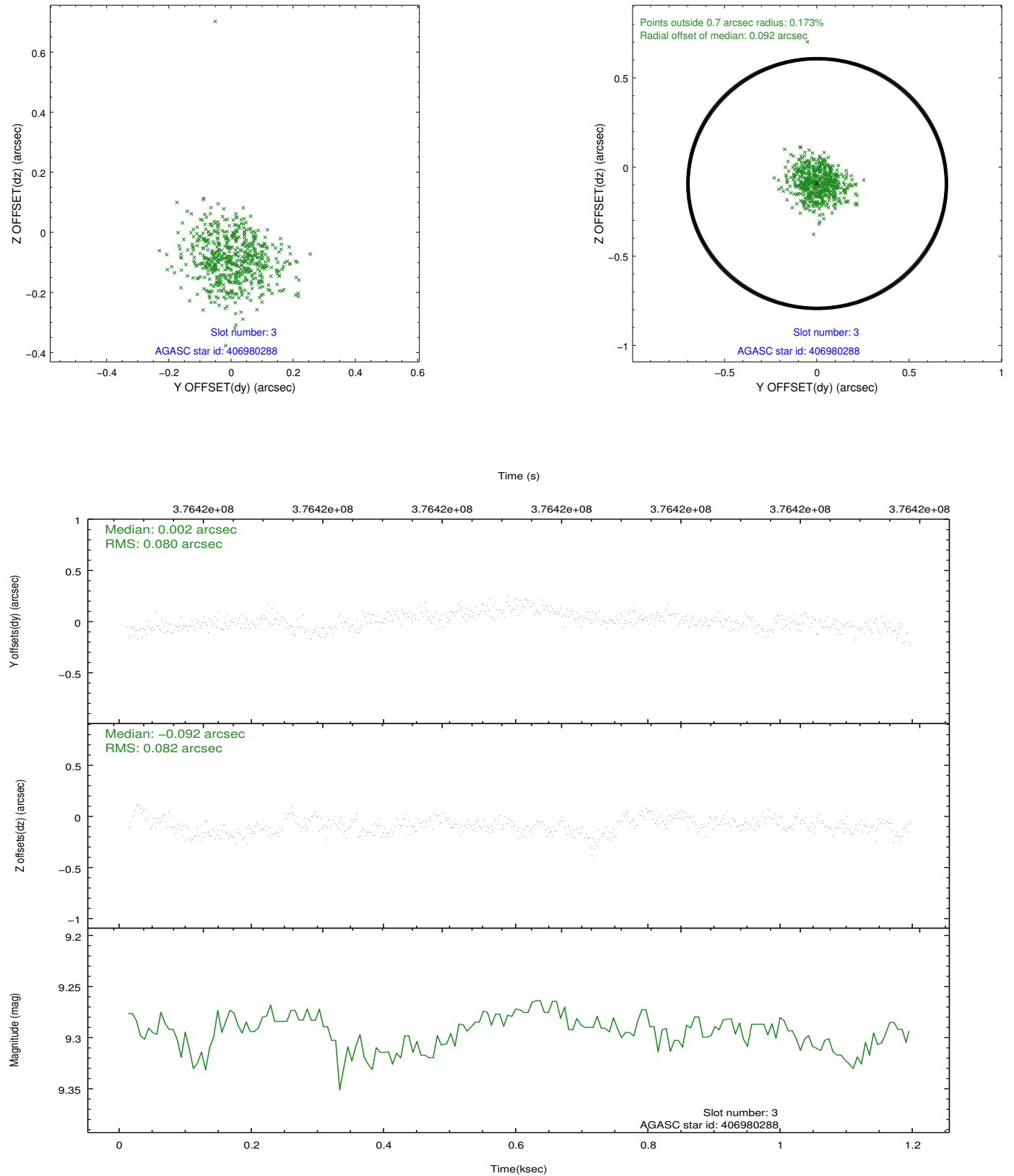


Slot Statistics

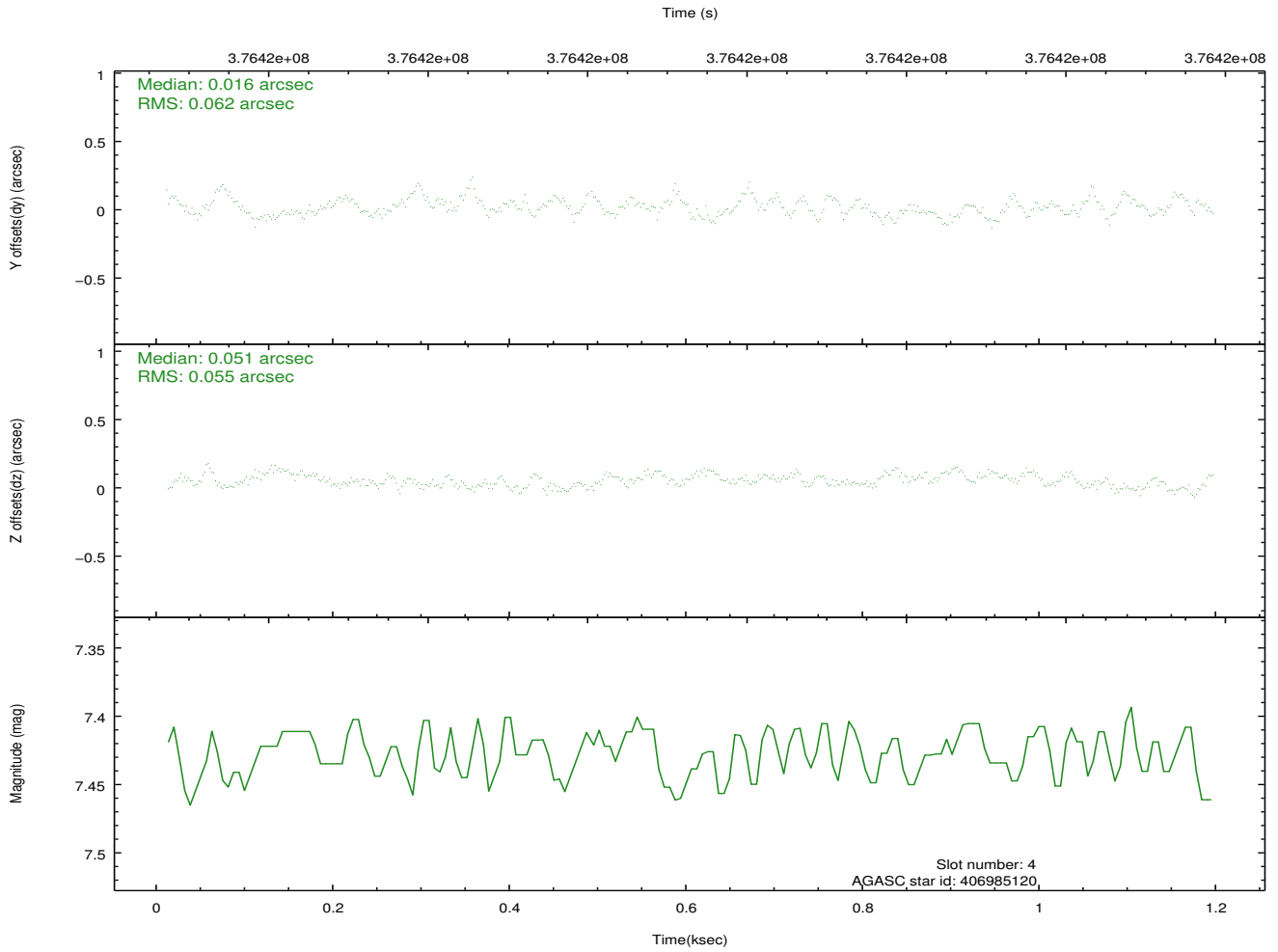
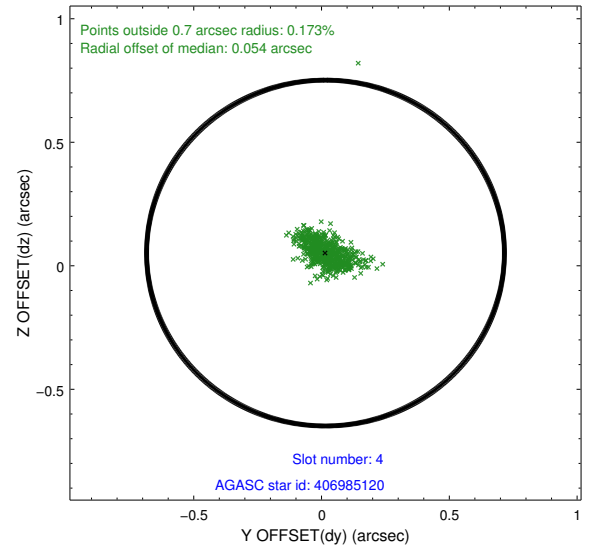
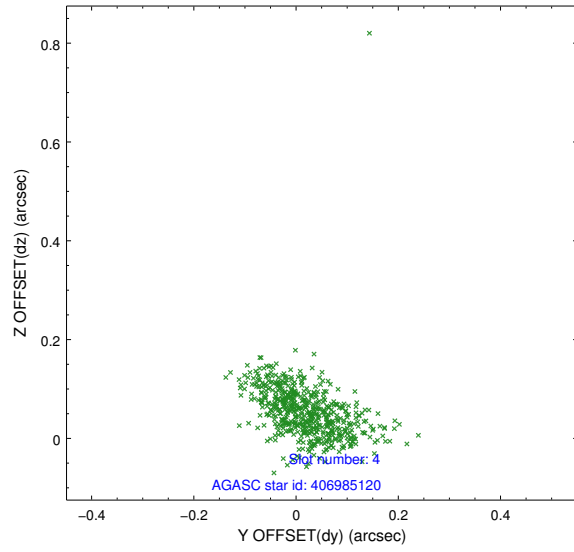
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	289	-0.015	-0.137	0.007	0.011	0.000000	0.000000	-1169.89	-462.86
1	FID	HRC-S-2	6.96	289	0.203	-0.060	0.013	0.023	0.000000	0.000000	1225.94	-457.03
2	FID	HRC-S-4	6.92	289	0.216	-0.106	0.012	0.020	0.000000	0.000000	1232.82	567.67
3	GUIDE	406980288	9.29	578	0.002	-0.092	0.116	0.190	278.903147	39.061646	286.62	532.09
4	GUIDE	406985120	7.43	578	0.016	0.051	0.080	0.135	278.839732	38.894839	400.03	-85.58
5	GUIDE	406987272	6.95	578	0.017	0.075	0.061	0.091	278.536588	38.437504	380.40	-1940.04
6	GUIDE	407510432	8.14	576	-0.020	-0.104	0.094	0.157	278.762778	39.530640	-824.69	1855.43
7	GUIDE	406984368	6.78	577	-0.027	0.052	0.060	0.099	277.715985	38.640365	-2015.72	-2310.94

2.4 Star Slots

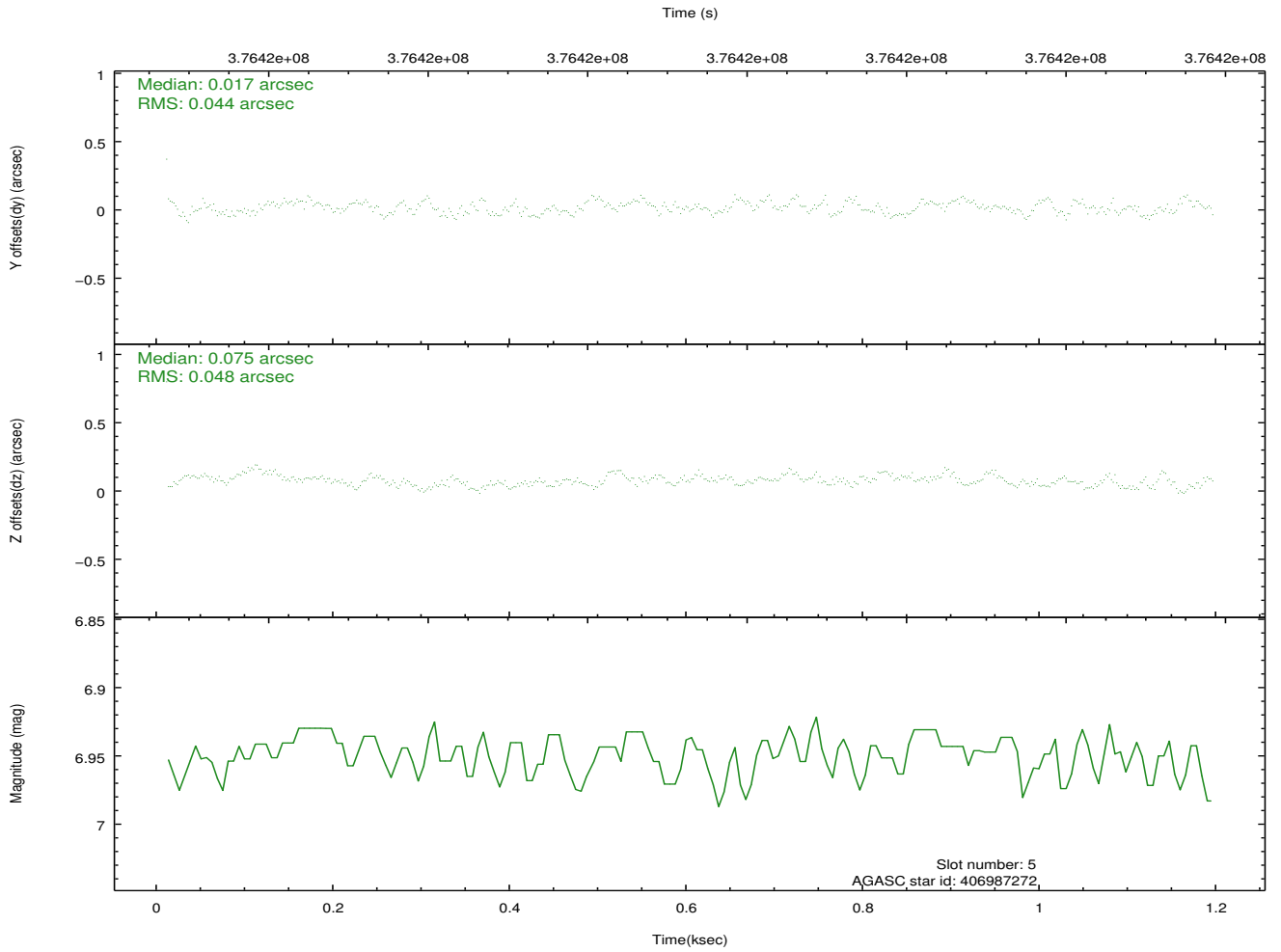
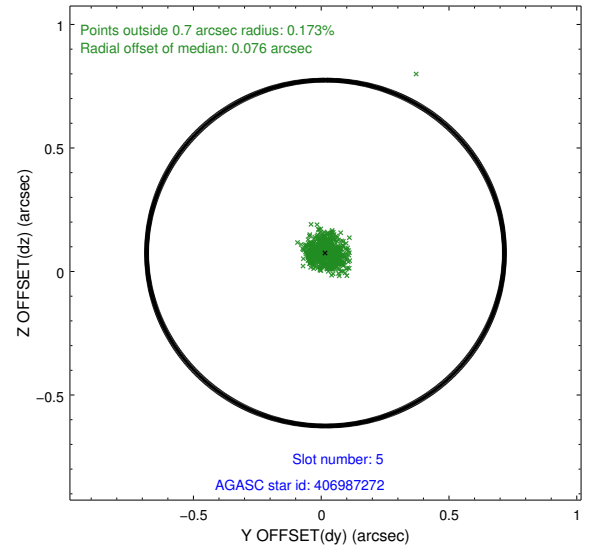
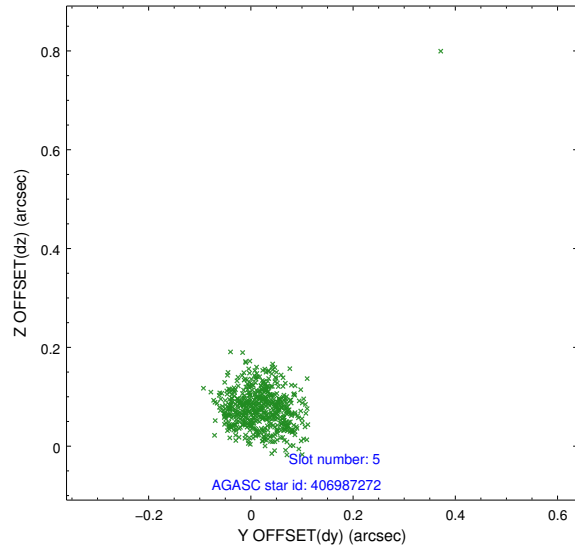
2.4.1 Slot 3



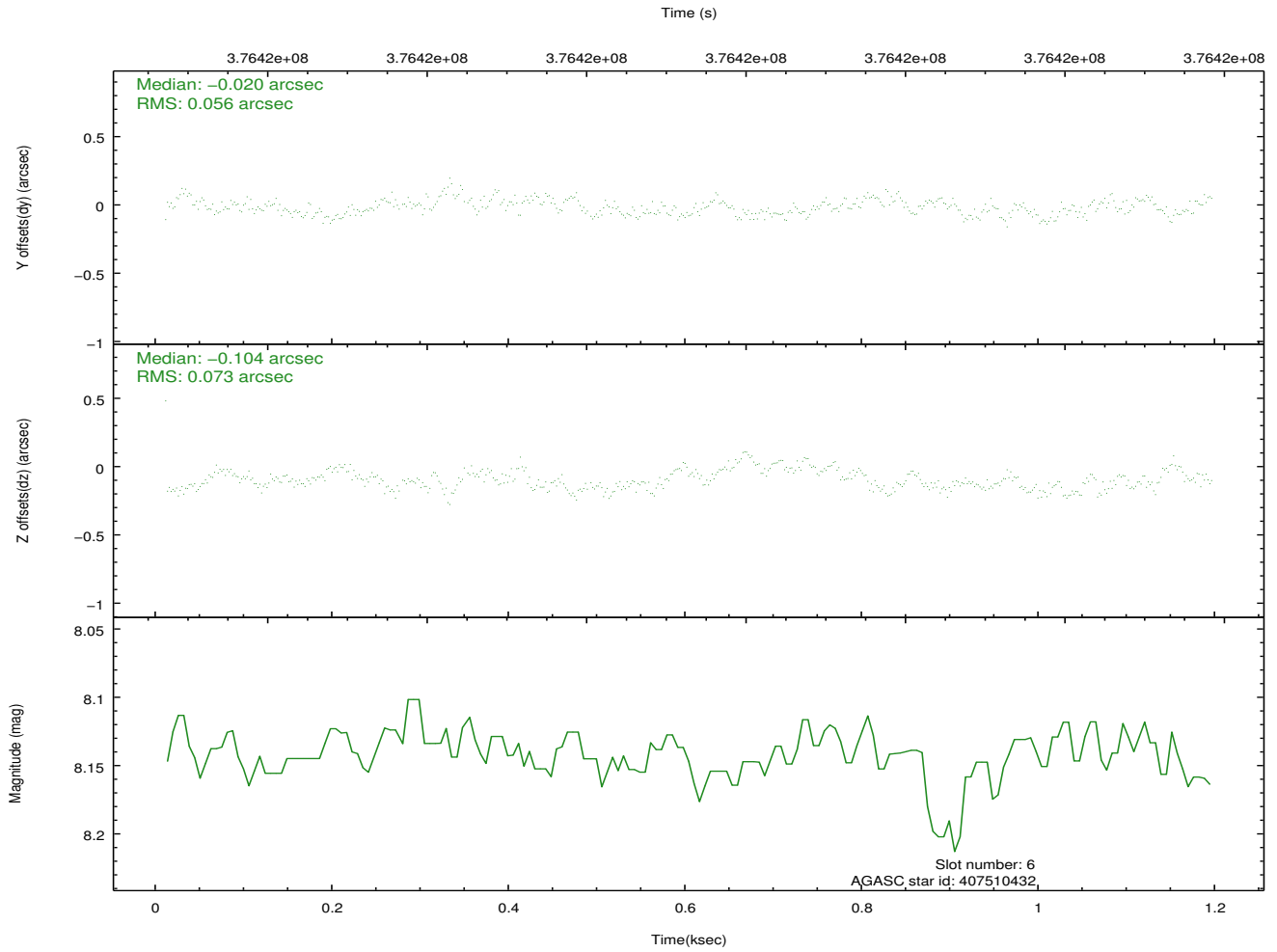
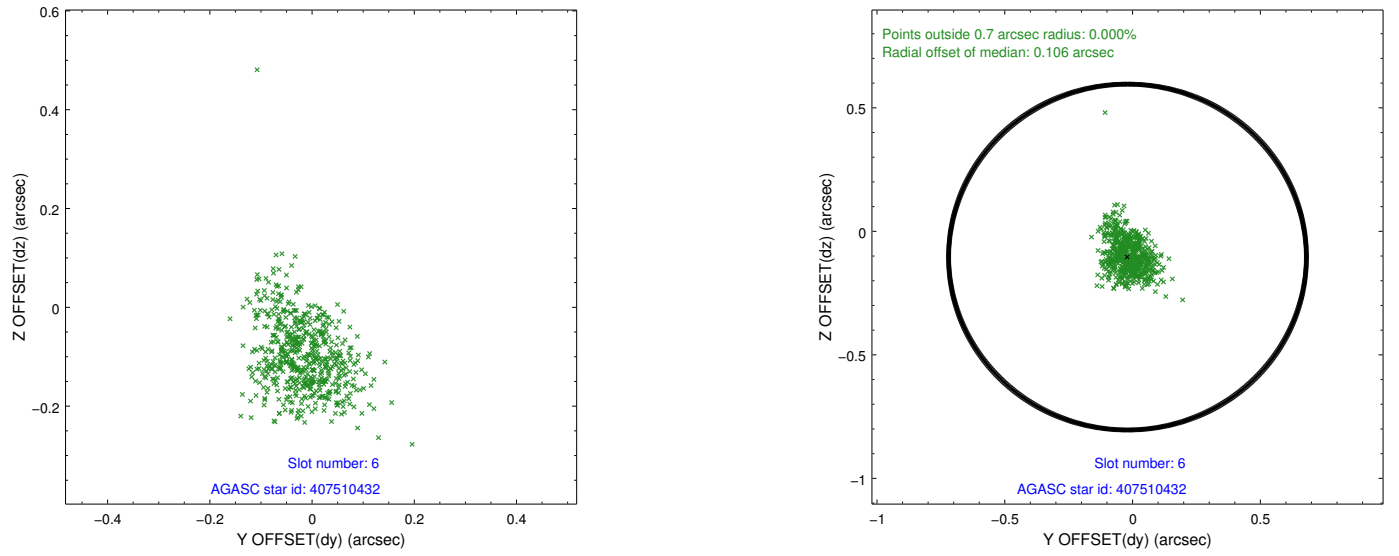
2.4.2 Slot 4



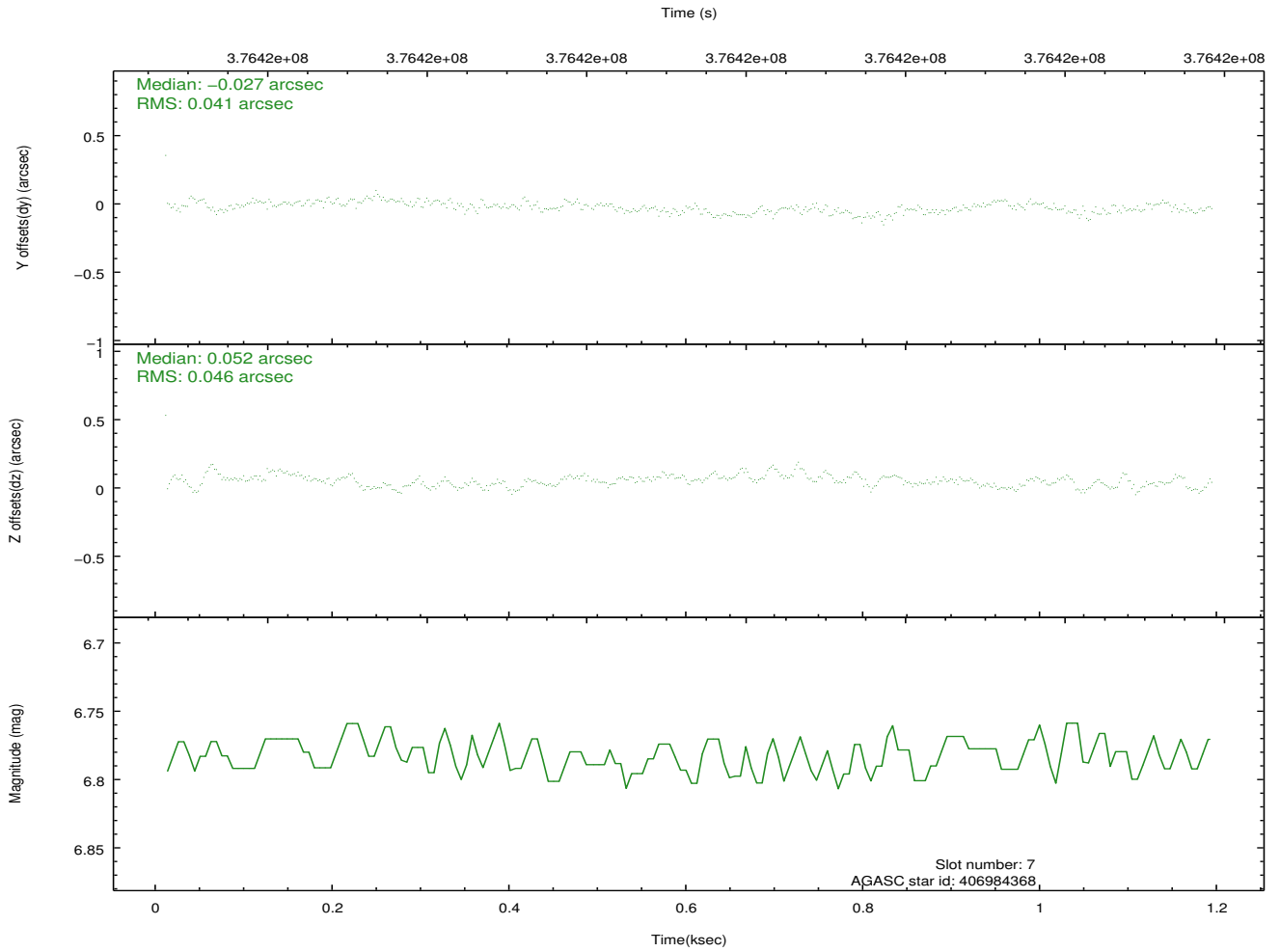
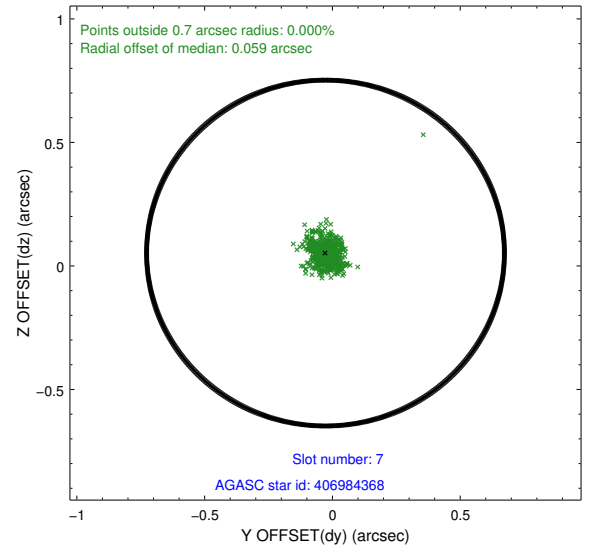
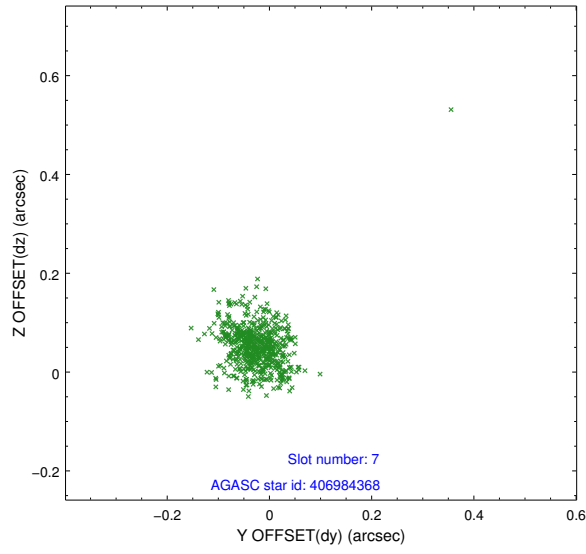
2.4.3 Slot 5



2.4.4 Slot 6

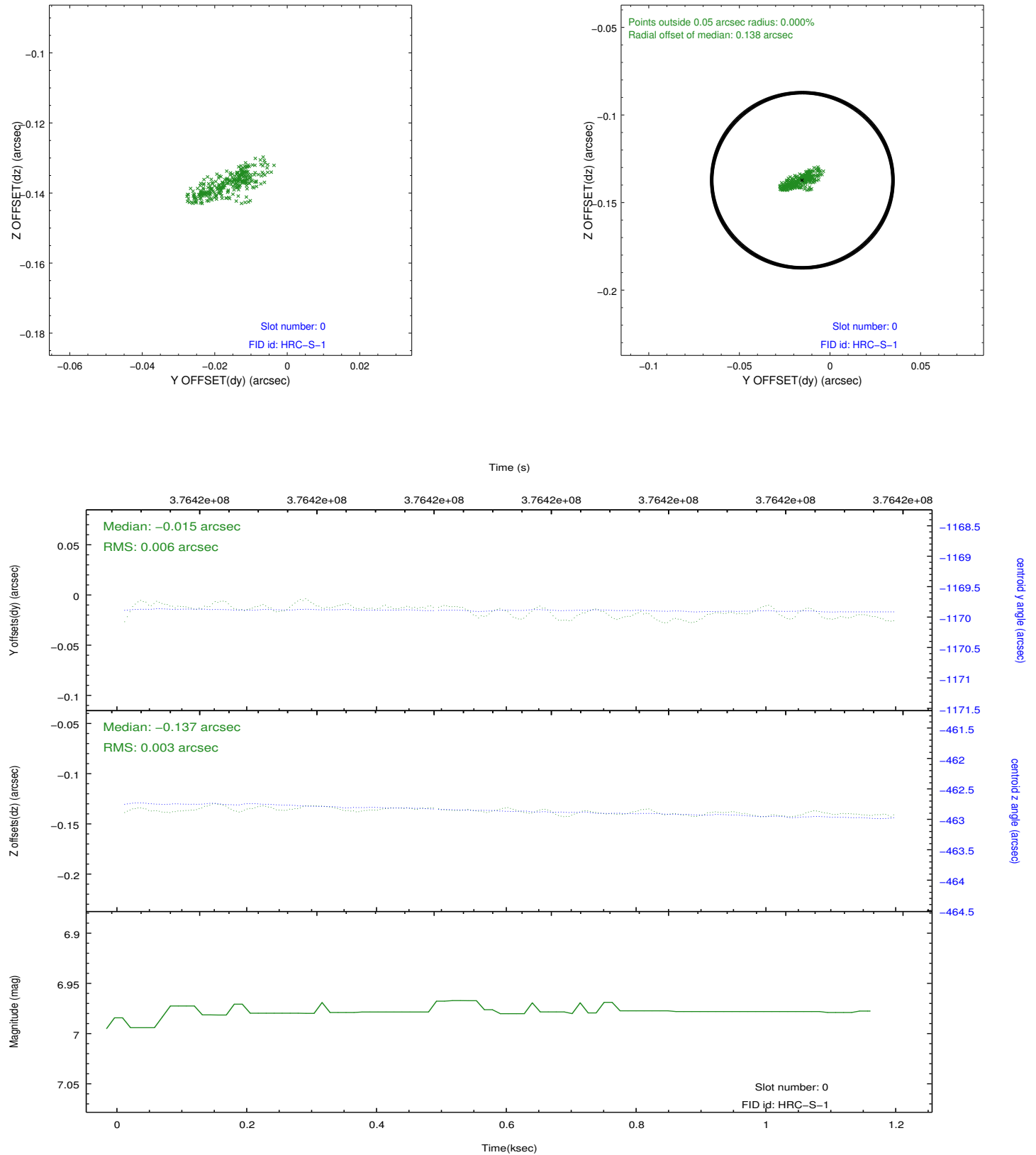


2.4.5 Slot 7

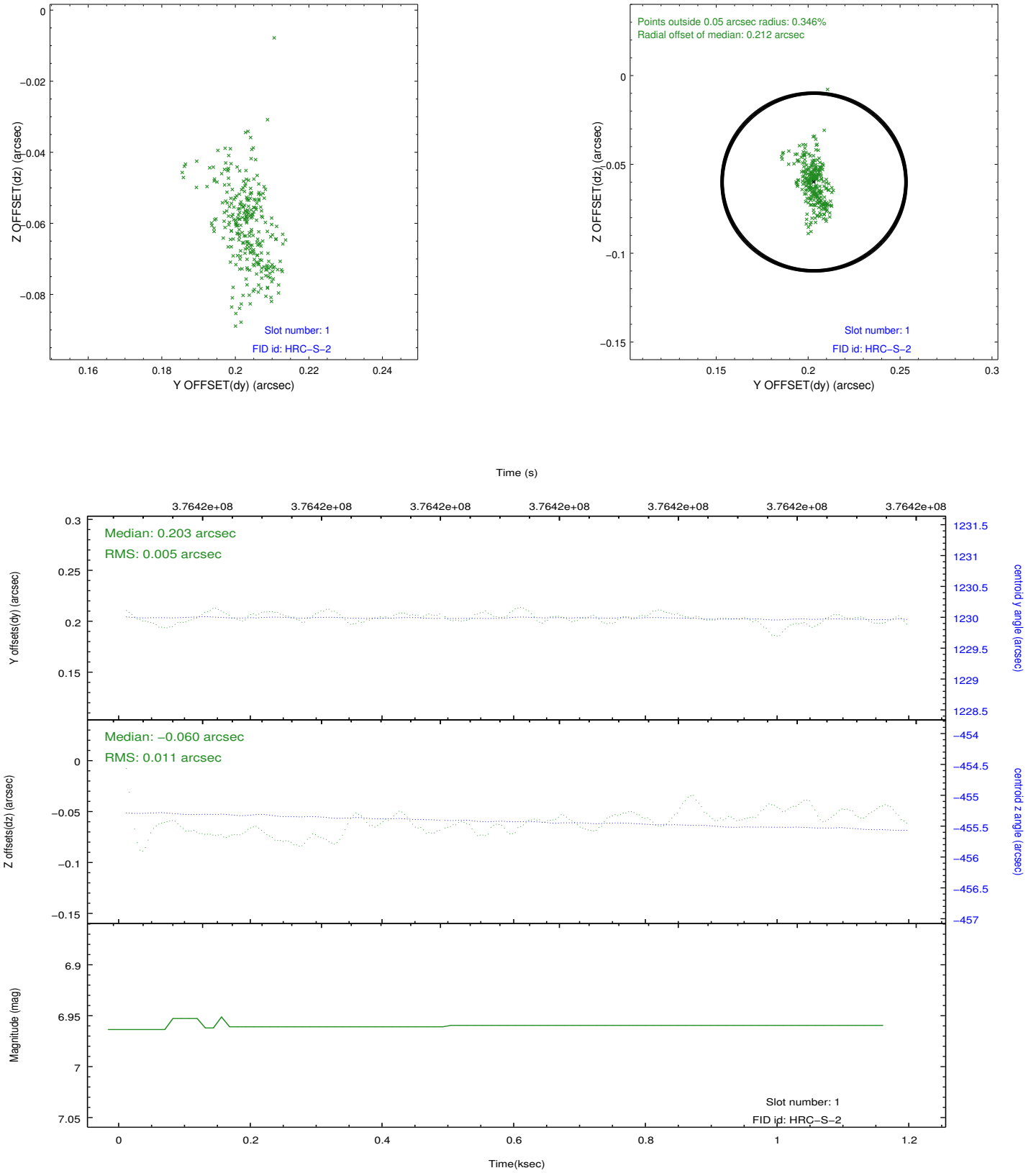


2.5 FID Slots

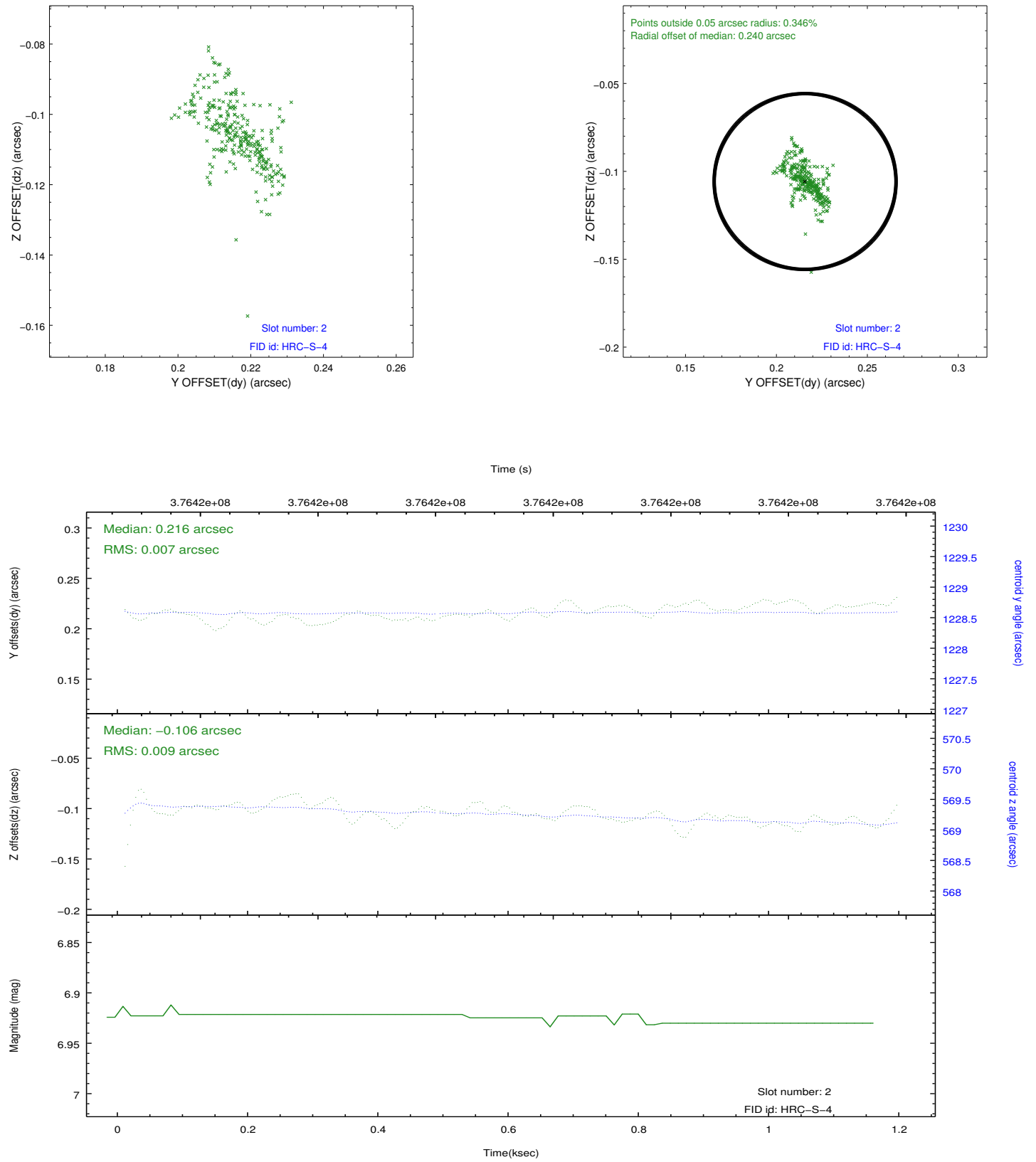
2.5.1 Slot 0



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)	2012.08.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813096762

A.2 Comments

Window constraint met. Source is far off-axis.