

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6463 - L2 Version 3
Chandra X-Ray Center

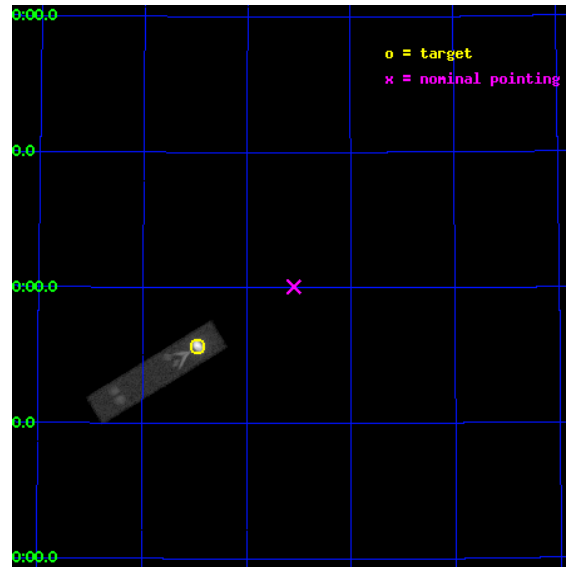
L2 Processing Date : Aug 11 2012

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1 Front

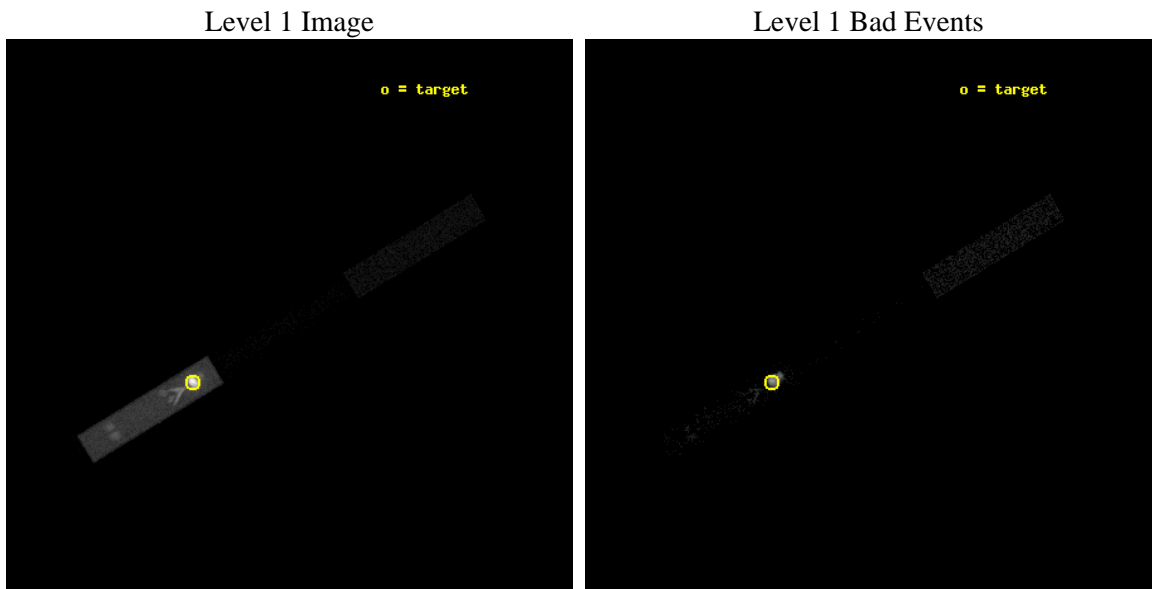
seq_num	290556	Sequence number
obs_id	6463	Observation id
title	AO7 Measurements of the optical/UV Transmission of the HRC and ACIS Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	278.77392669366	Nominal RA [deg]
dec_nom	39.004550081272	Nominal Dec [deg]
roll_nom	148.63186372044	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2186.5813521445	[s]
livetime	835.9544362792	Ontime multiplied by DTCOR
l2events	389320	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	2186.5813521445	[s]
caldbver	4.5.1.1	 	l1events	452624	Number of level 1 events
date	2012-08-11T08:53:46	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

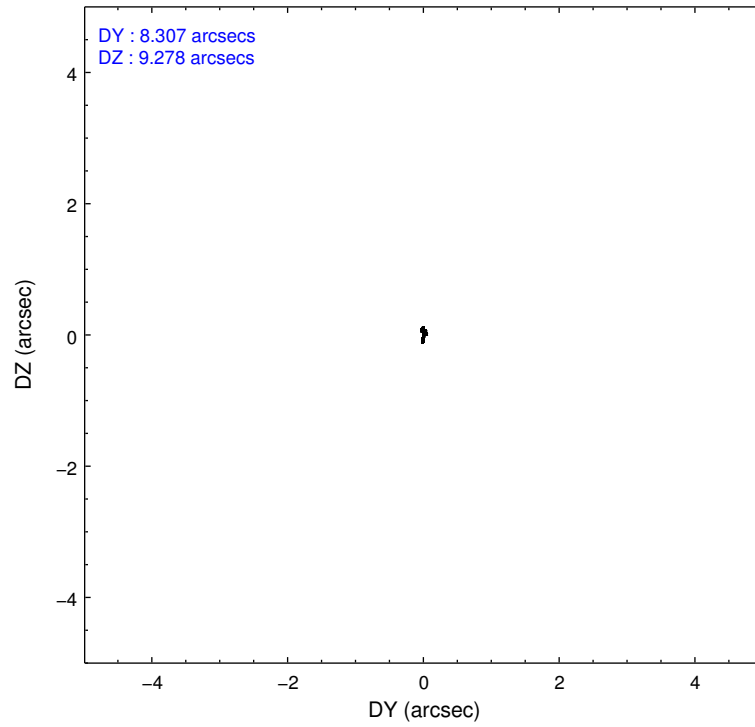
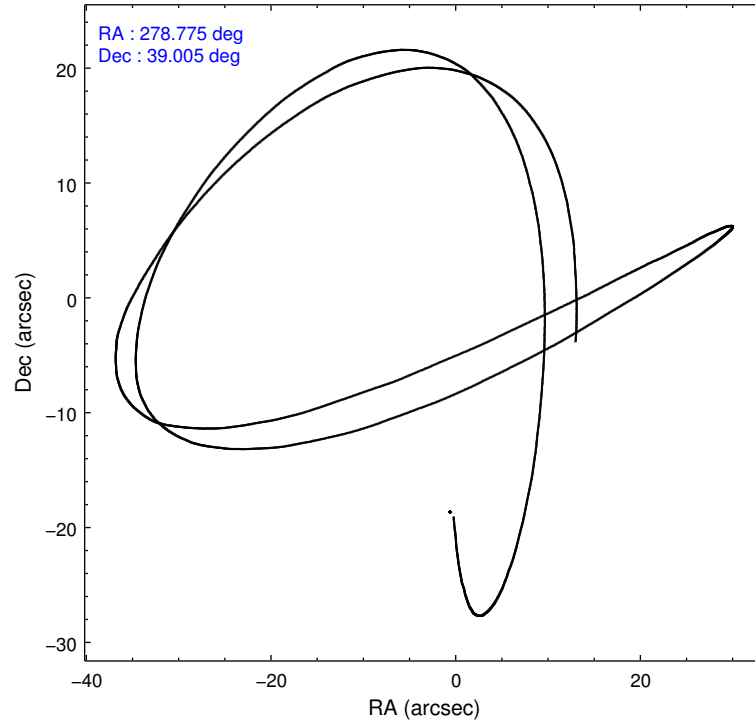
	segment 1	segment 2	segment 3
level 1 events	447365	307	4952
rejected events	44203	287	4952
rejected %	9%	93%	100%

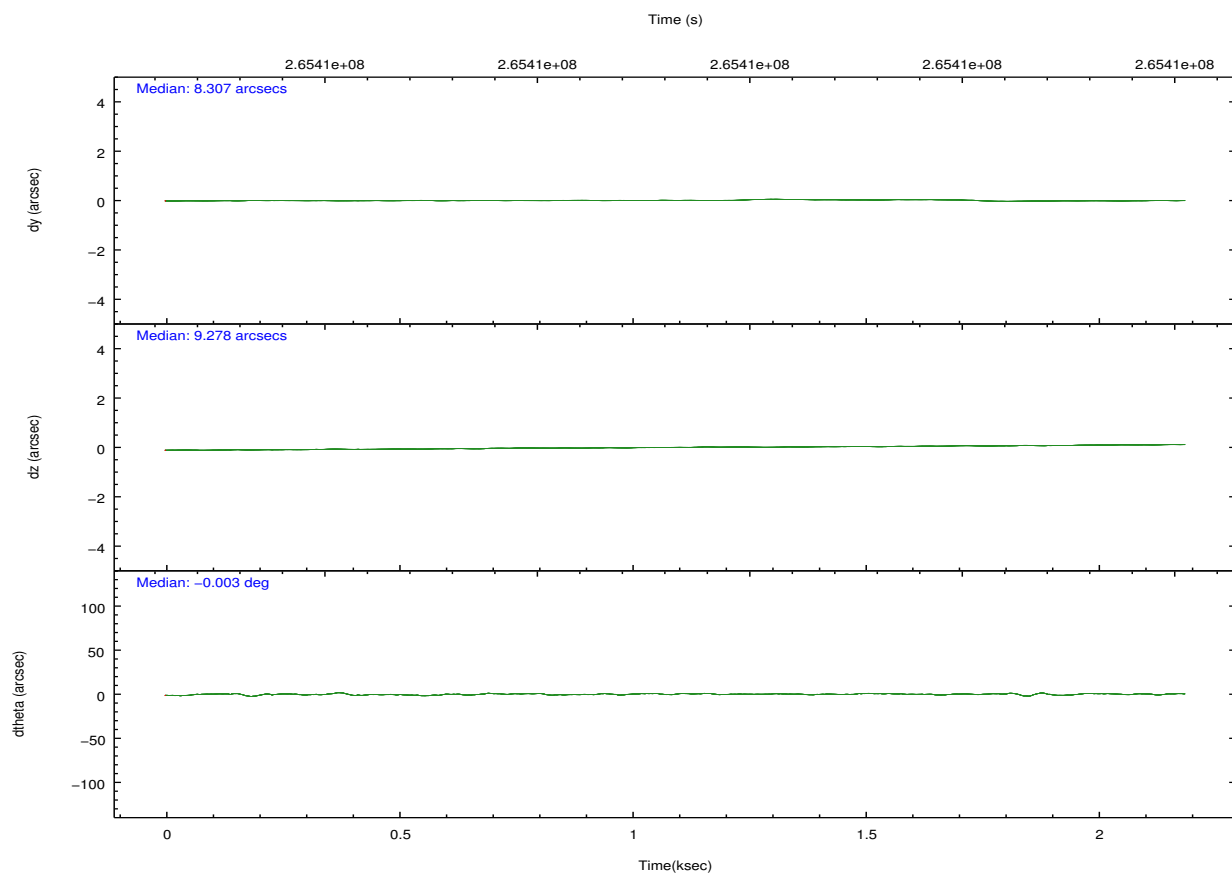
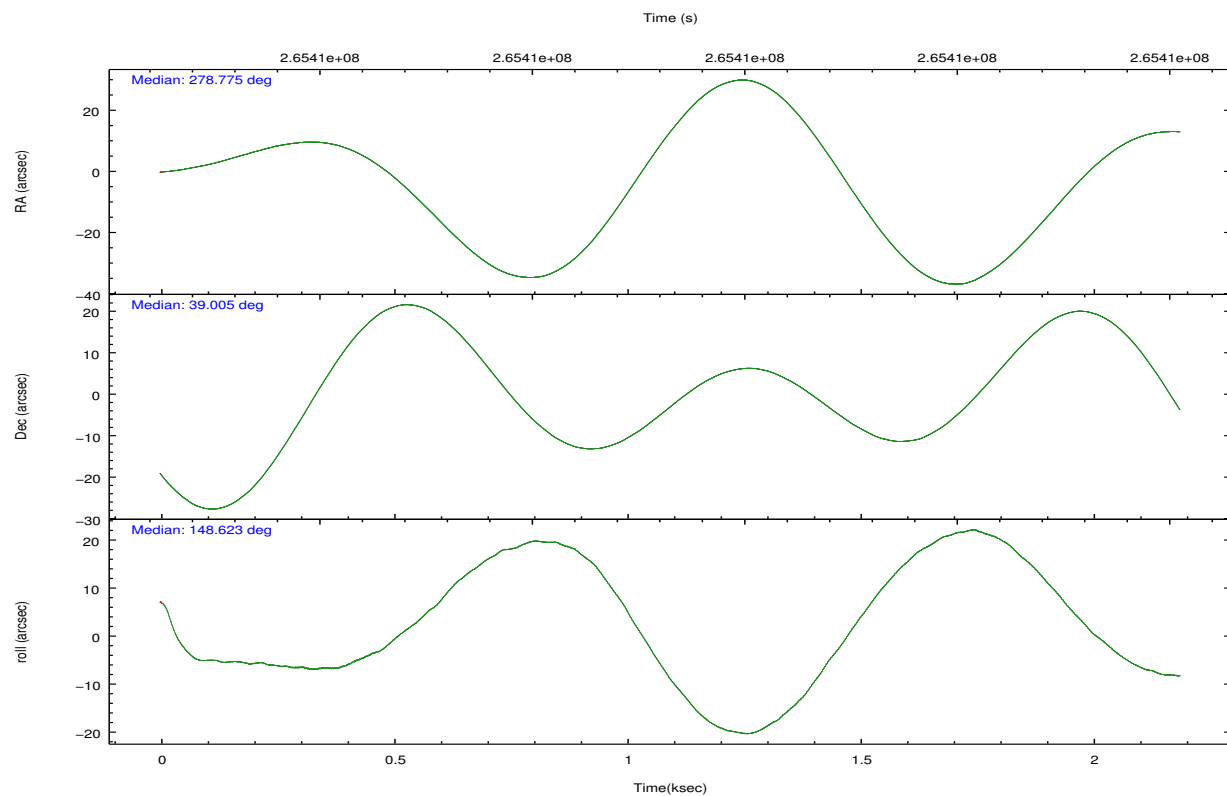
2.2 Compared Parameters

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	278.810687	278.7739266936599
[deg] Pointing Dec	39.005274	39.00455008127181
[deg] Pointing Roll	148.541336	148.6318637204431
[s] Window start time (MET)	262828865.184000	262828865.184000
[s] Window stop time (MET)	268012865.184000	268012865.184000
[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)	265410920.184000	265410544.24331
Observation start date	2006-05-30T21:14:15	2006-05-30T21:09:04
[s] Observation end time (MET)	265412920.184000	265413053.95593
Observation end date	2006-05-30T21:47:35	2006-05-30T21:50:53

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

2.3 Aspect



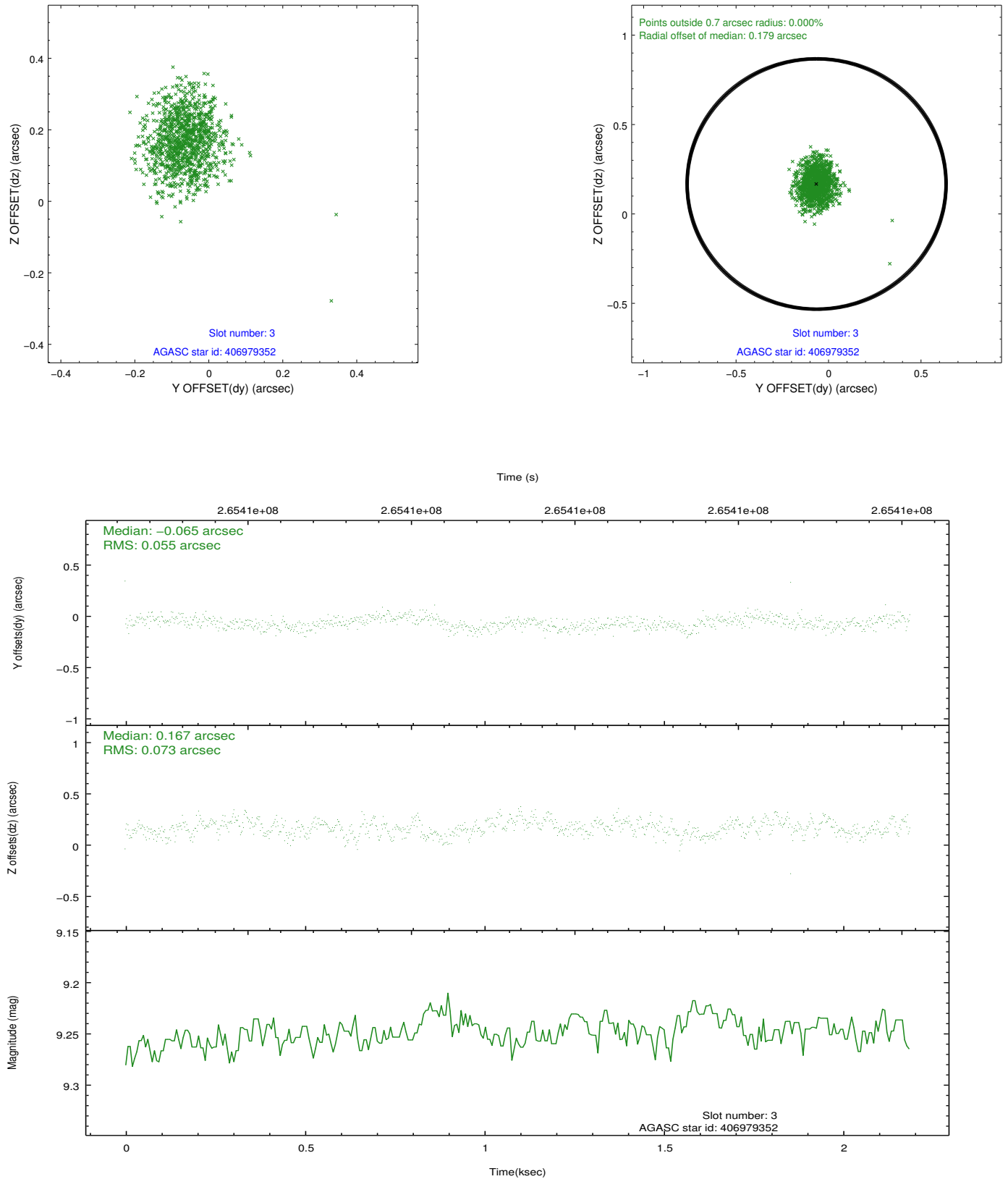


Slot Statistics

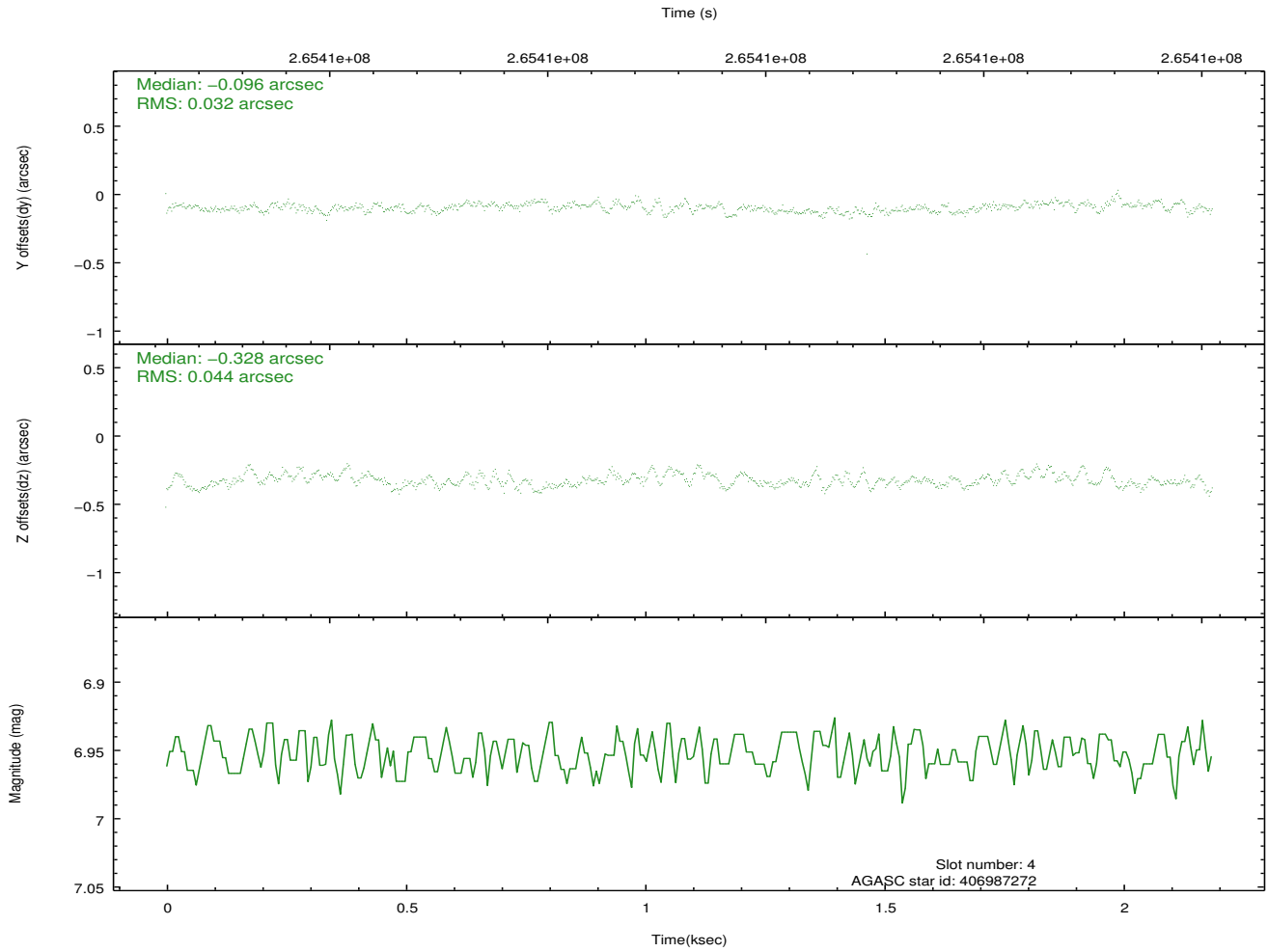
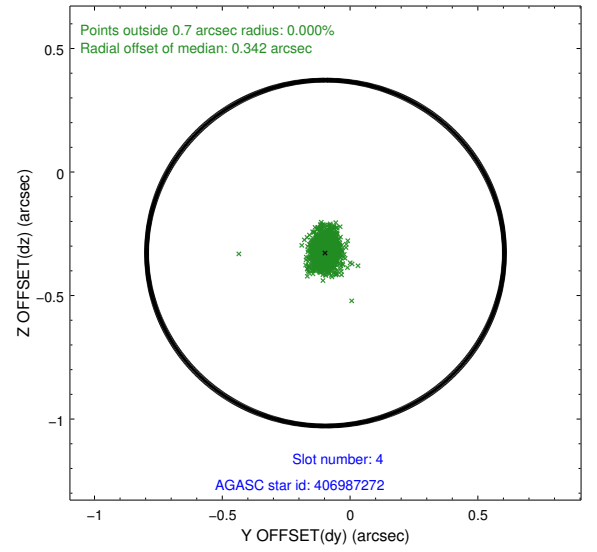
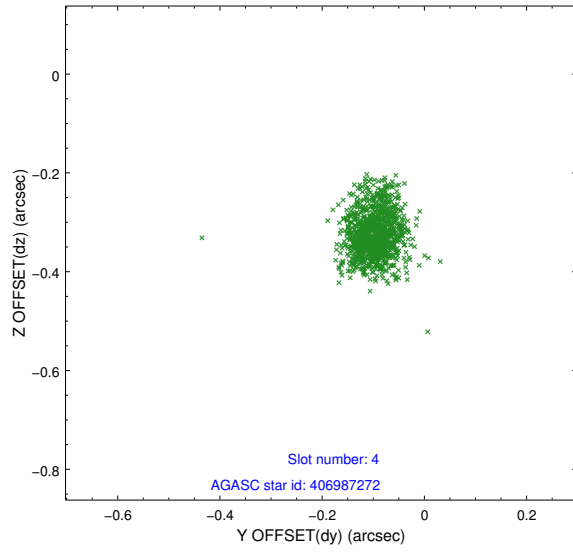
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	534	0.145	-0.180	0.007	0.013	0.000000	0.000000	-1162.47	-457.95
1	FID	HRC-S-2	6.99	534	0.159	-0.119	0.005	0.011	0.000000	0.000000	1235.02	-451.40
2	FID	HRC-S-3	7.01	534	0.086	-0.003	0.008	0.015	0.000000	0.000000	-1162.94	570.90
3	GUIDE	406979352	9.25	1068	-0.065	0.167	0.096	0.153	279.968297	39.230258	-2320.45	-2392.17
4	GUIDE	406987272	6.95	1068	-0.096	-0.328	0.056	0.097	278.536588	38.437504	-408.89	2143.56
5	GUIDE	406989616	8.23	1068	0.088	-0.051	0.070	0.113	279.202881	38.520843	-1851.45	911.24
6	GUIDE	406990192	9.01	1068	0.022	0.068	0.099	0.162	278.510952	38.533654	-167.15	1888.94
7	GUIDE	407510432	8.14	1059	0.046	0.150	0.073	0.114	278.762778	39.530640	1100.91	-1541.41

2.4 Star Slots

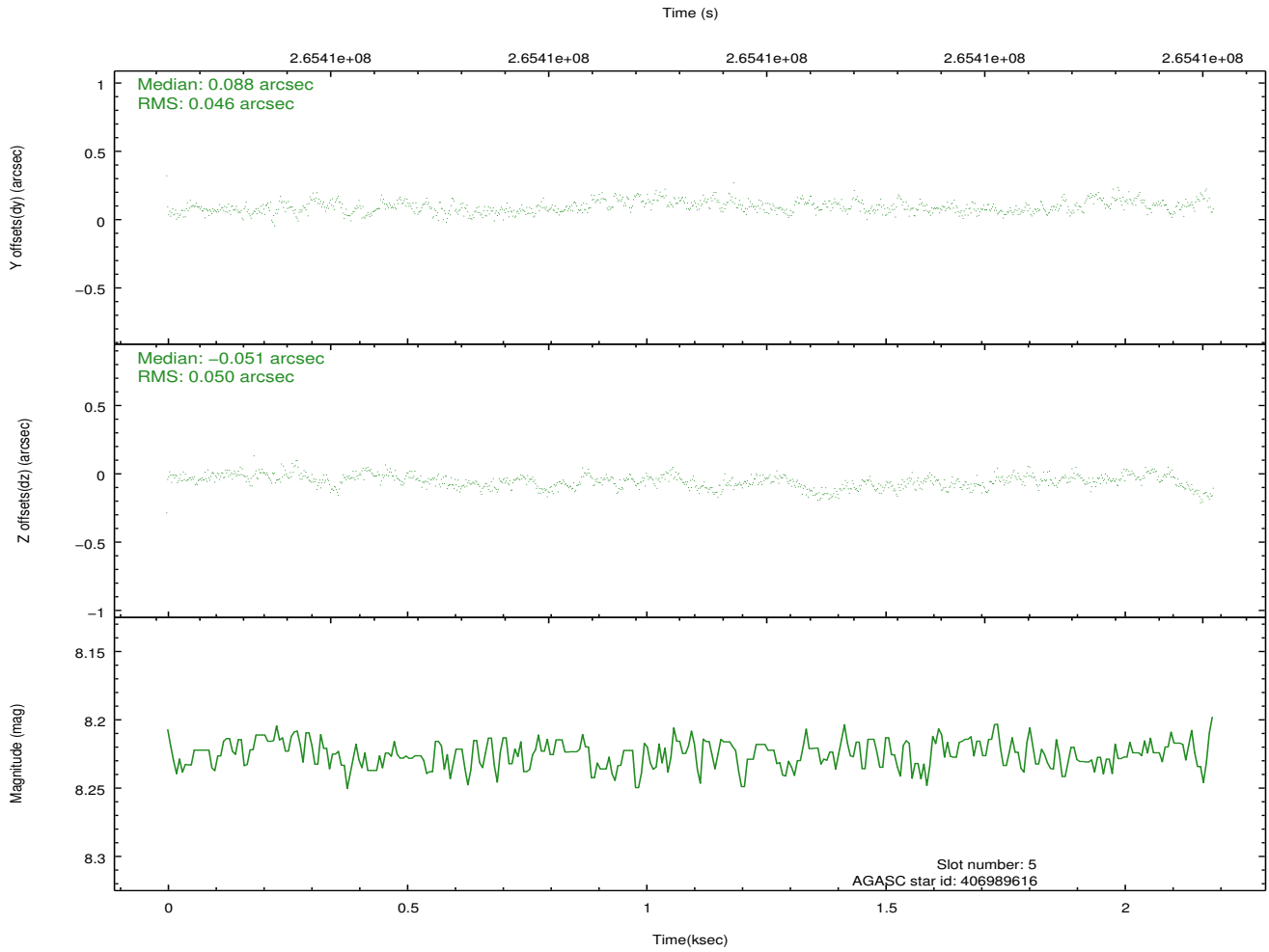
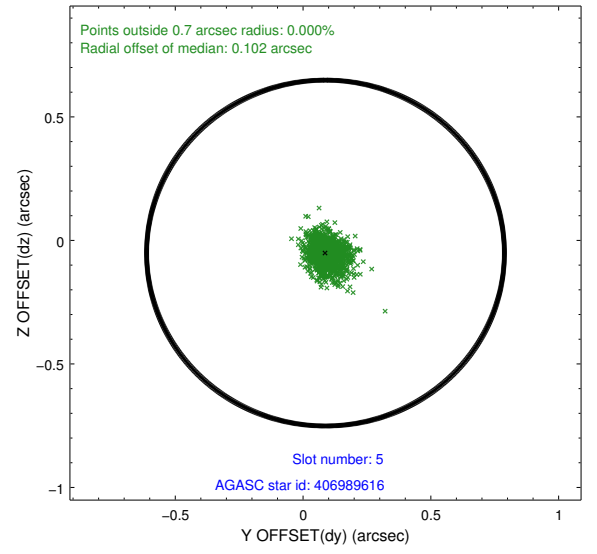
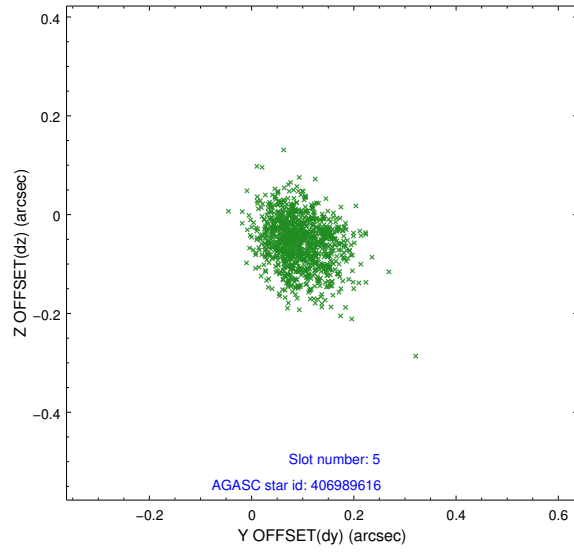
2.4.1 Slot 3



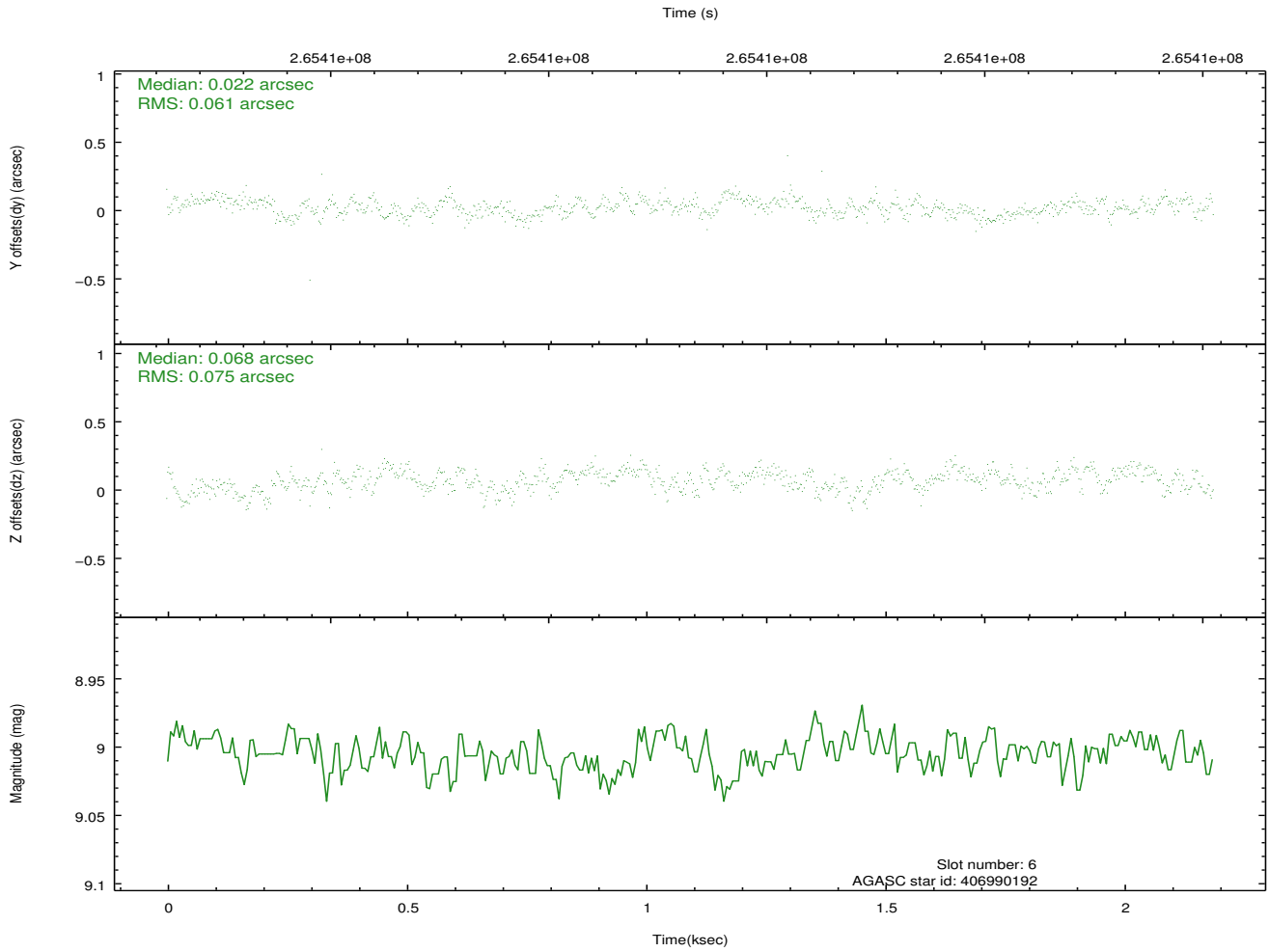
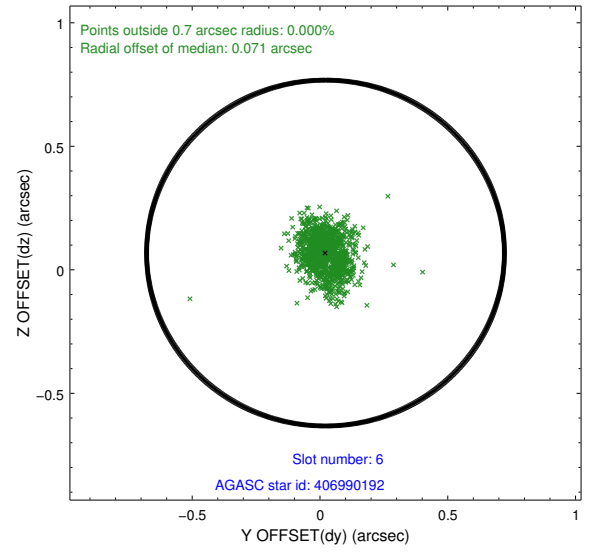
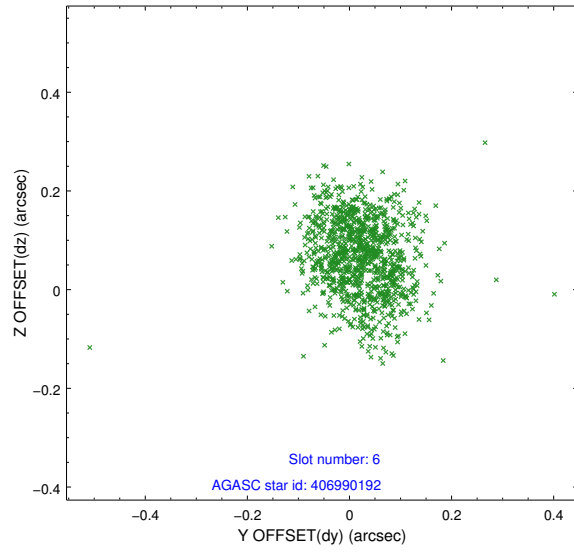
2.4.2 Slot 4



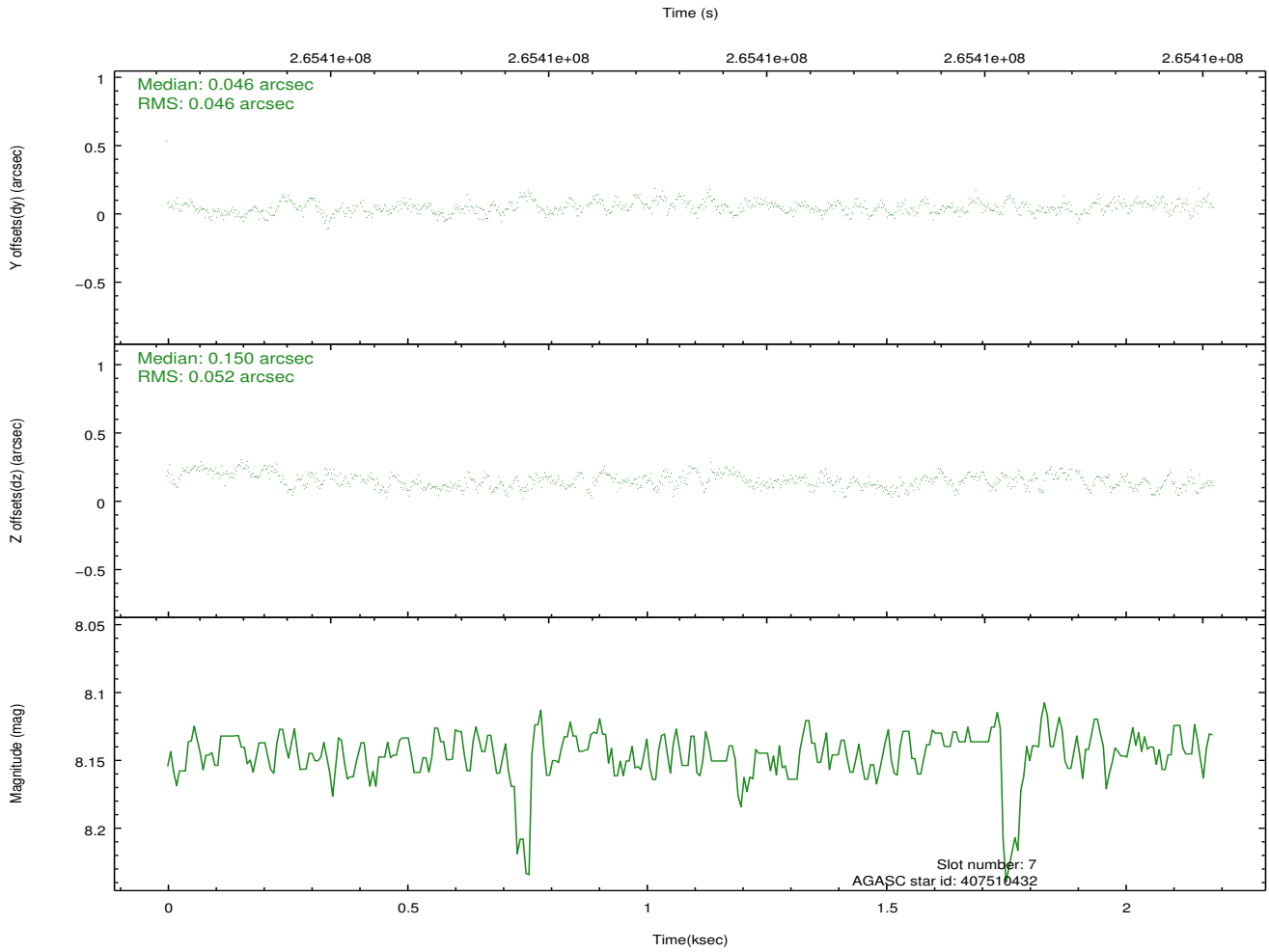
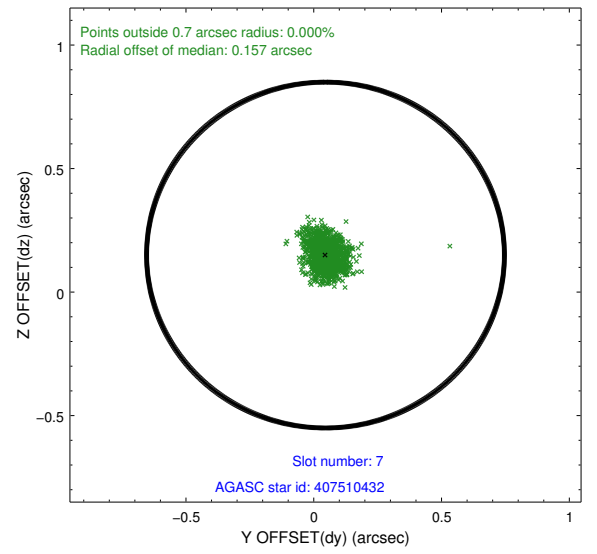
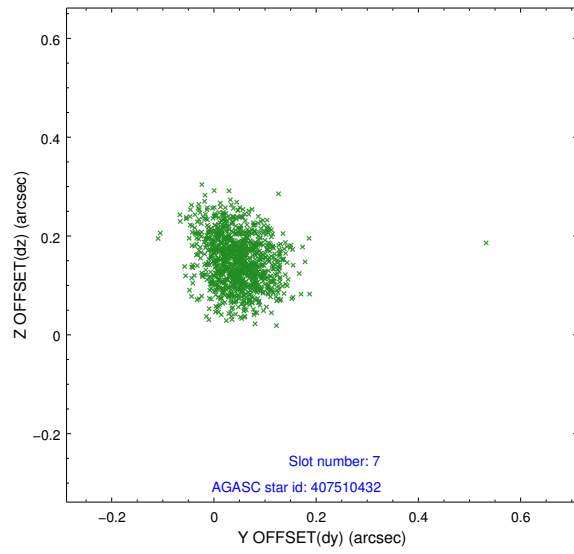
2.4.3 Slot 5



2.4.4 Slot 6

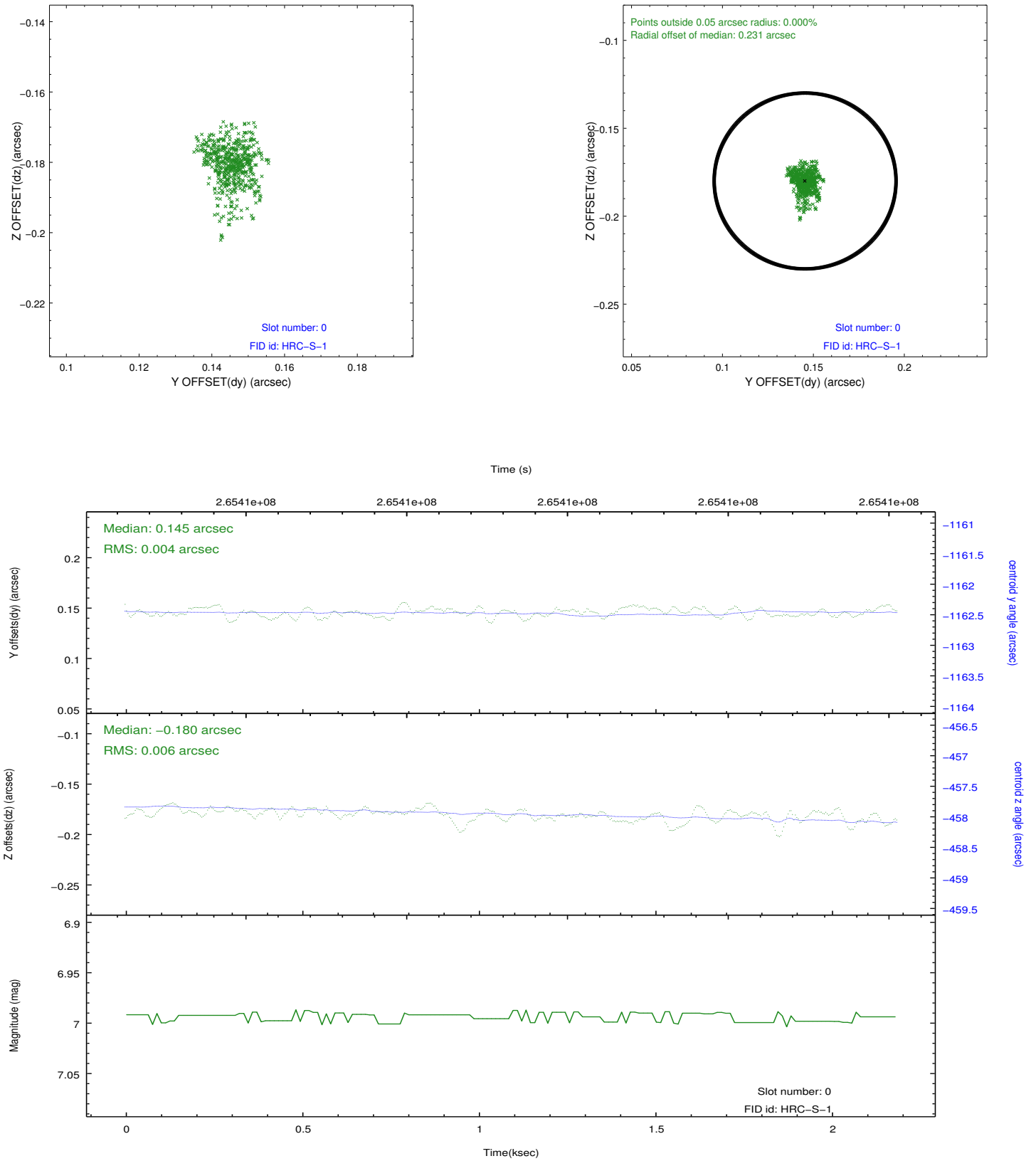


2.4.5 Slot 7

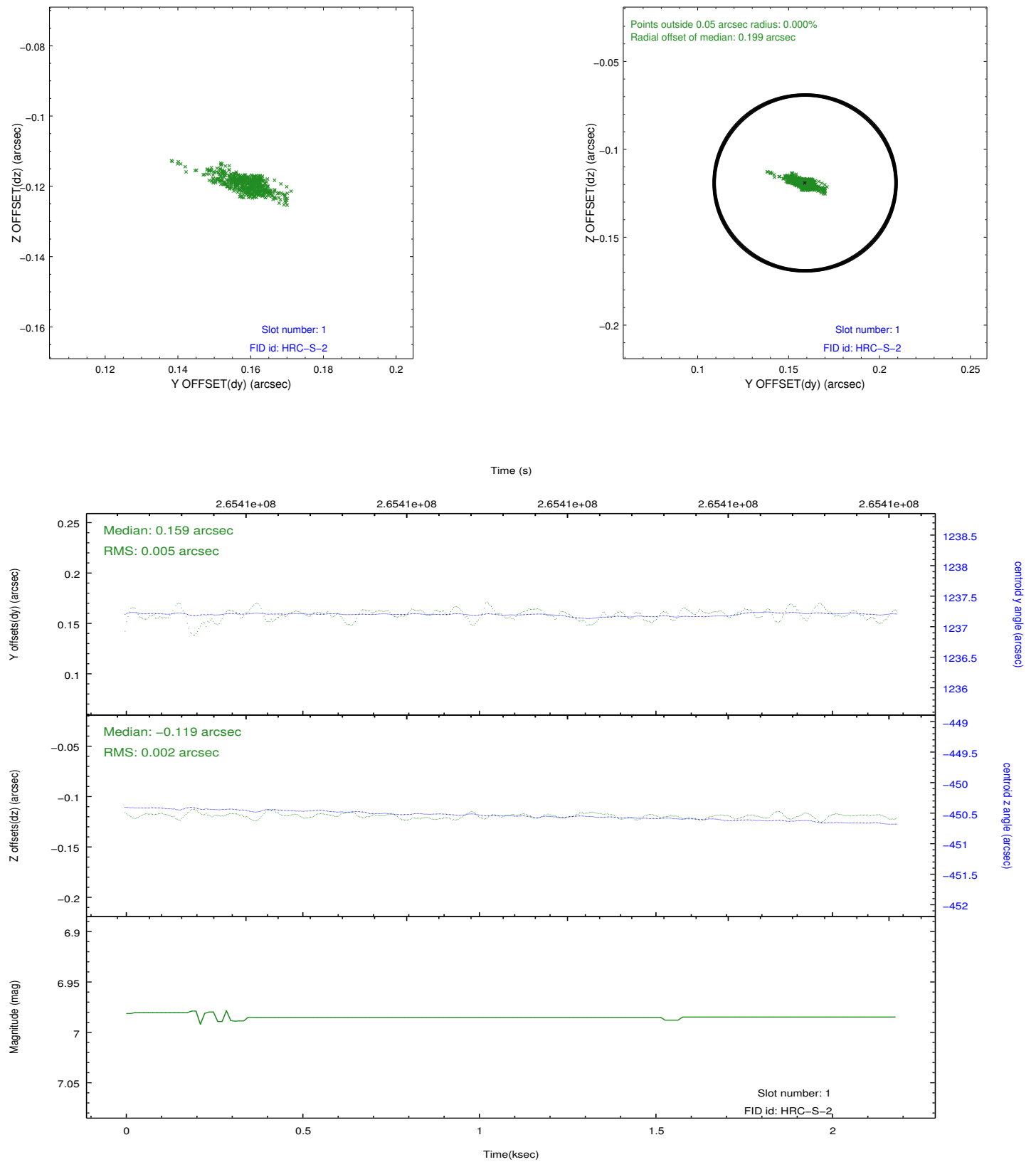


2.5 FID Slots

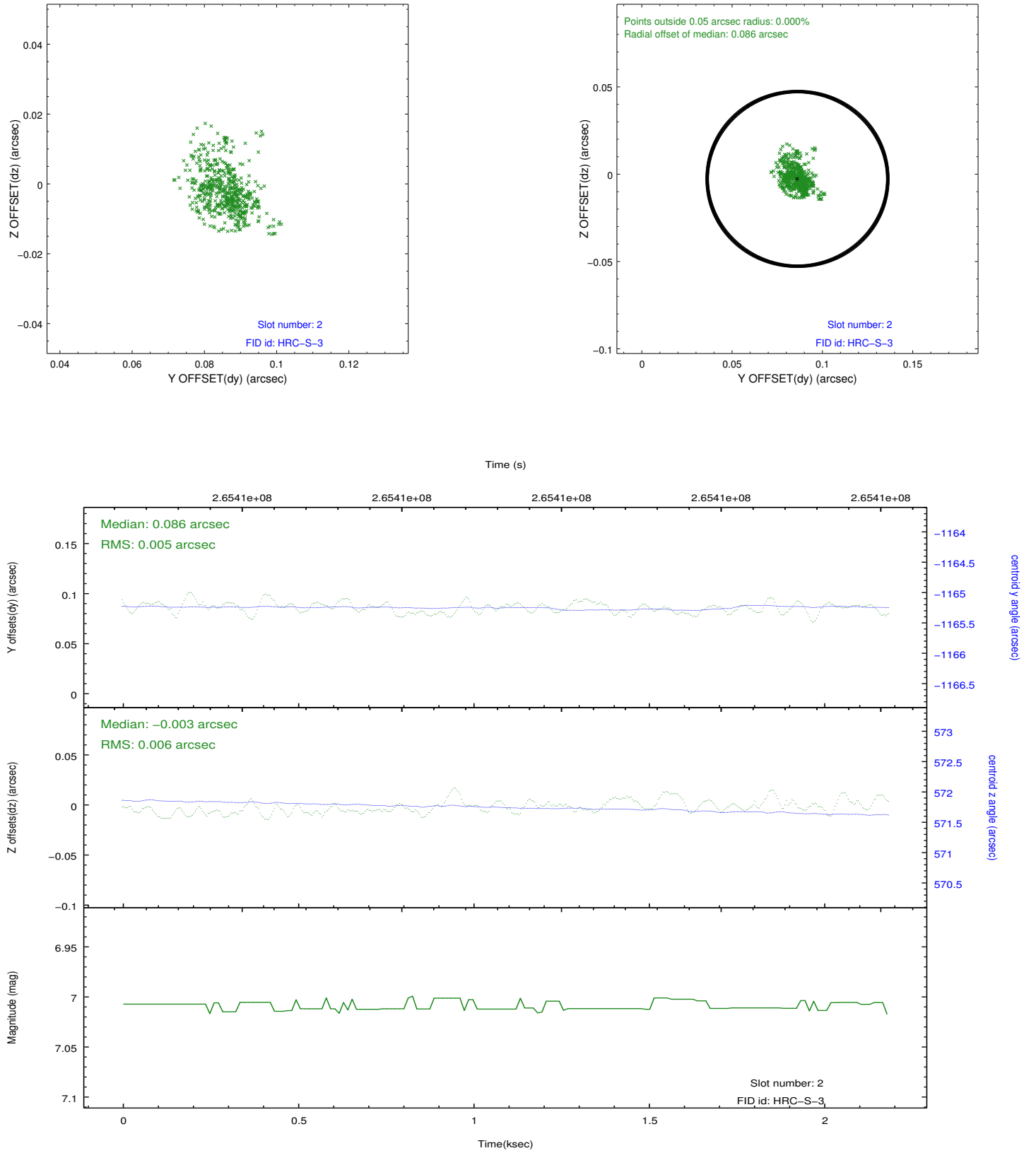
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.18658135

A.2 Comments

Window preference met.