

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 986 - L2 Version 5
Chandra X-Ray Center

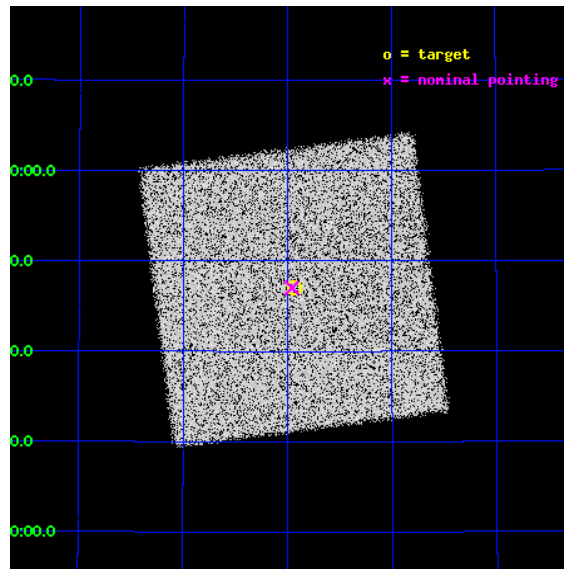
L2 Processing Date : Sep 7 2012

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1 Front

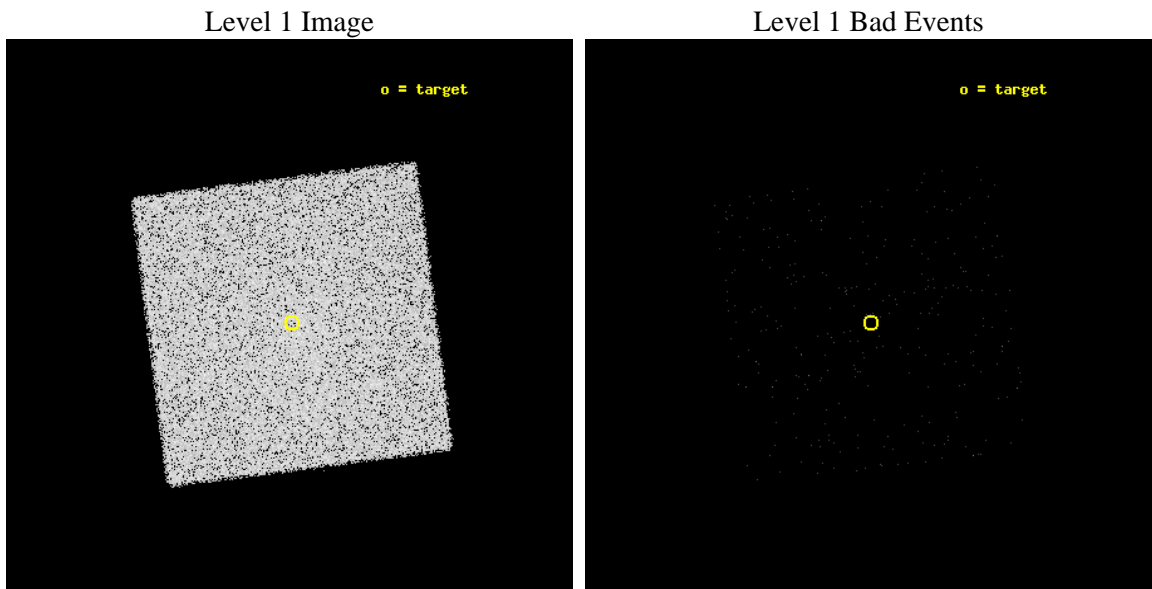
seq_num	290067	Sequence number
obs_id	986	Observation id
title	CALIBRATION OBSERVATIONS OF VEGA TO MONITOR THE TRANSMISSION OF THE OPTICAL/UV FILTERS ON ACIS AND HRC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	VEGA, HRC-I, AO2	Source name
ra_targ	279.234792	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23984712533	Nominal RA [deg]
dec_nom	38.784119964063	Nominal Dec [deg]
roll_nom	37.667927340961	Nominal Roll [deg]
revision	5	Processing version of data
ontime	2701.131354019	[s]
livetime	2687.4801846882	Ontime multiplied by DTCOR
l2events	78048	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	2500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2701.131354019	[s]
caldbver	4.5.1.1	 	l1events	158421	Number of level 1 events
date	2012-09-07T04:58:26	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

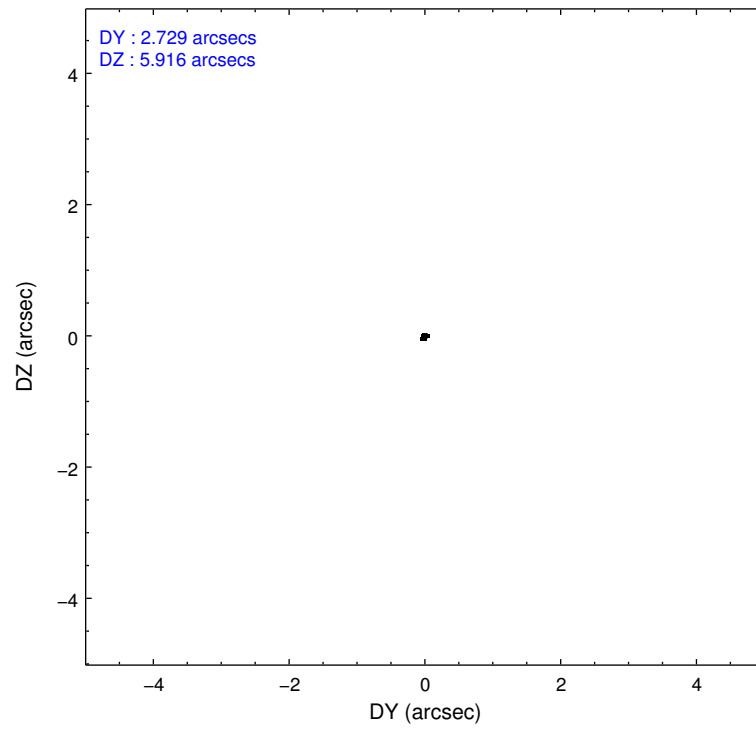
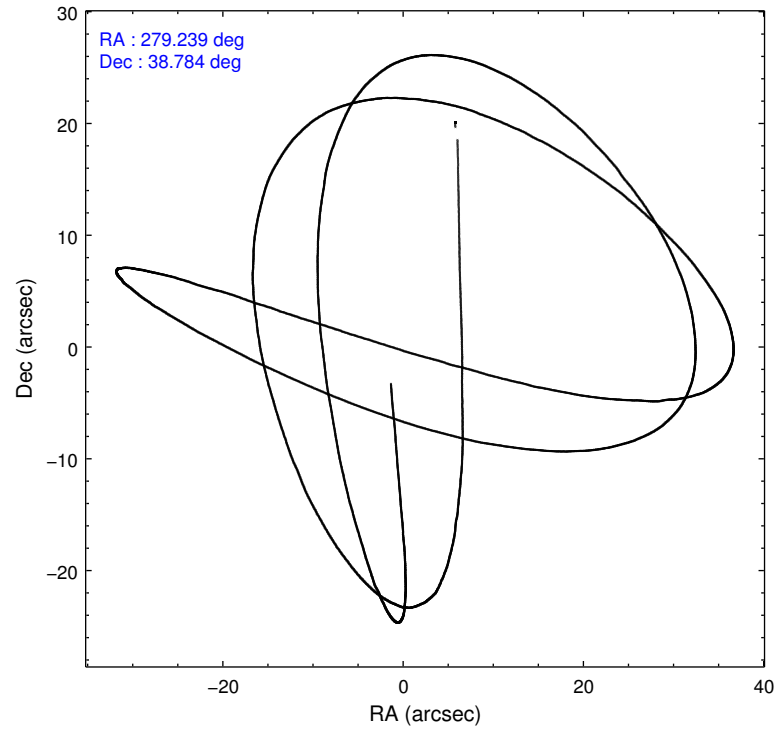
	segment 0
level 1 events	158421
rejected events	43556
rejected %	27%

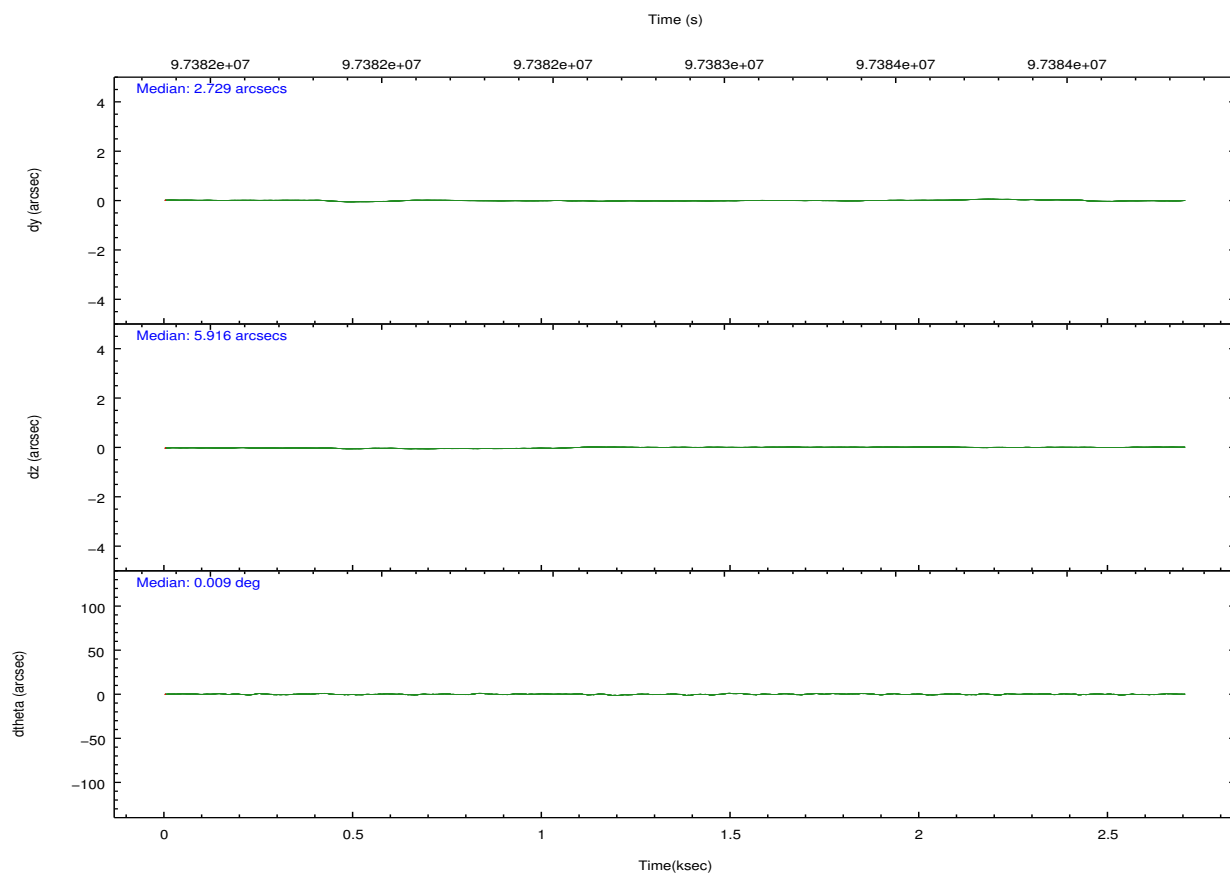
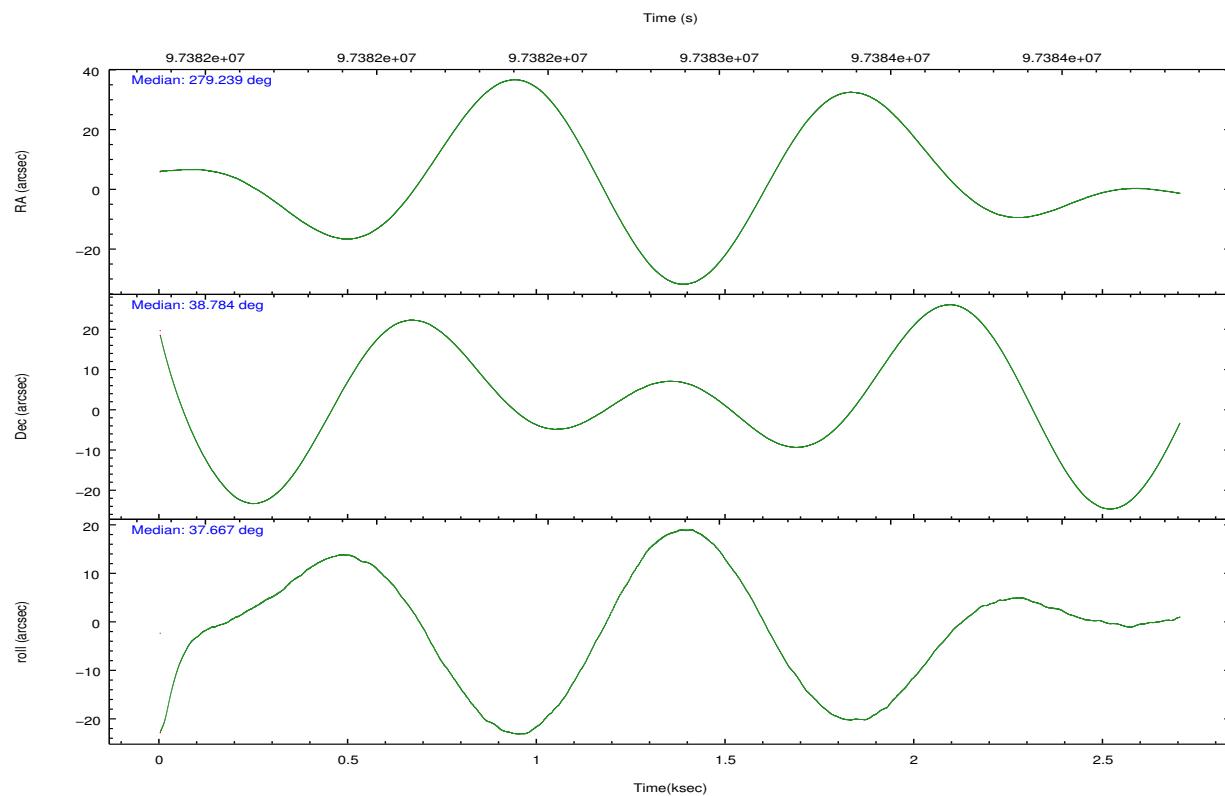
2.2 Compared Parameters

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	279.227496	279.239847125325
[deg] Pointing Dec	38.759550	38.78411996406331
[deg] Pointing Roll	37.771251	37.66792734096141
[s] Window start time (MET)	97372864.184000	97372864.184000
[s] Window stop time (MET)	99705664.184000	99705664.184000
[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)	97381709.184000	97380653.691954
Observation start date	2001-02-01T02:27:25	2001-02-01T02:10:53
[s] Observation end time (MET)	97384209.184000	97384347.279596
Observation end date	2001-02-01T03:09:05	2001-02-01T03:12:27

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

2.3 Aspect



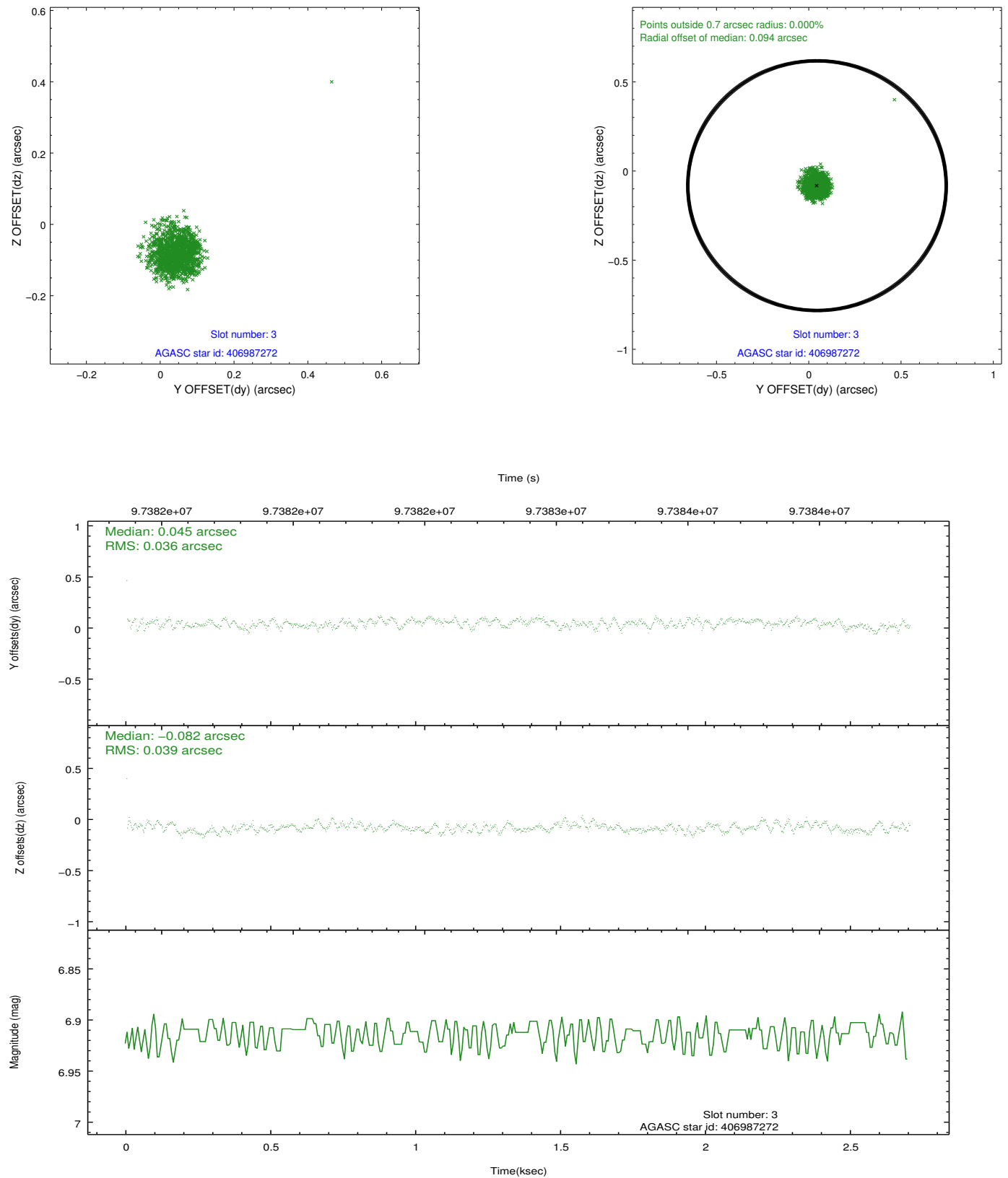


Slot Statistics

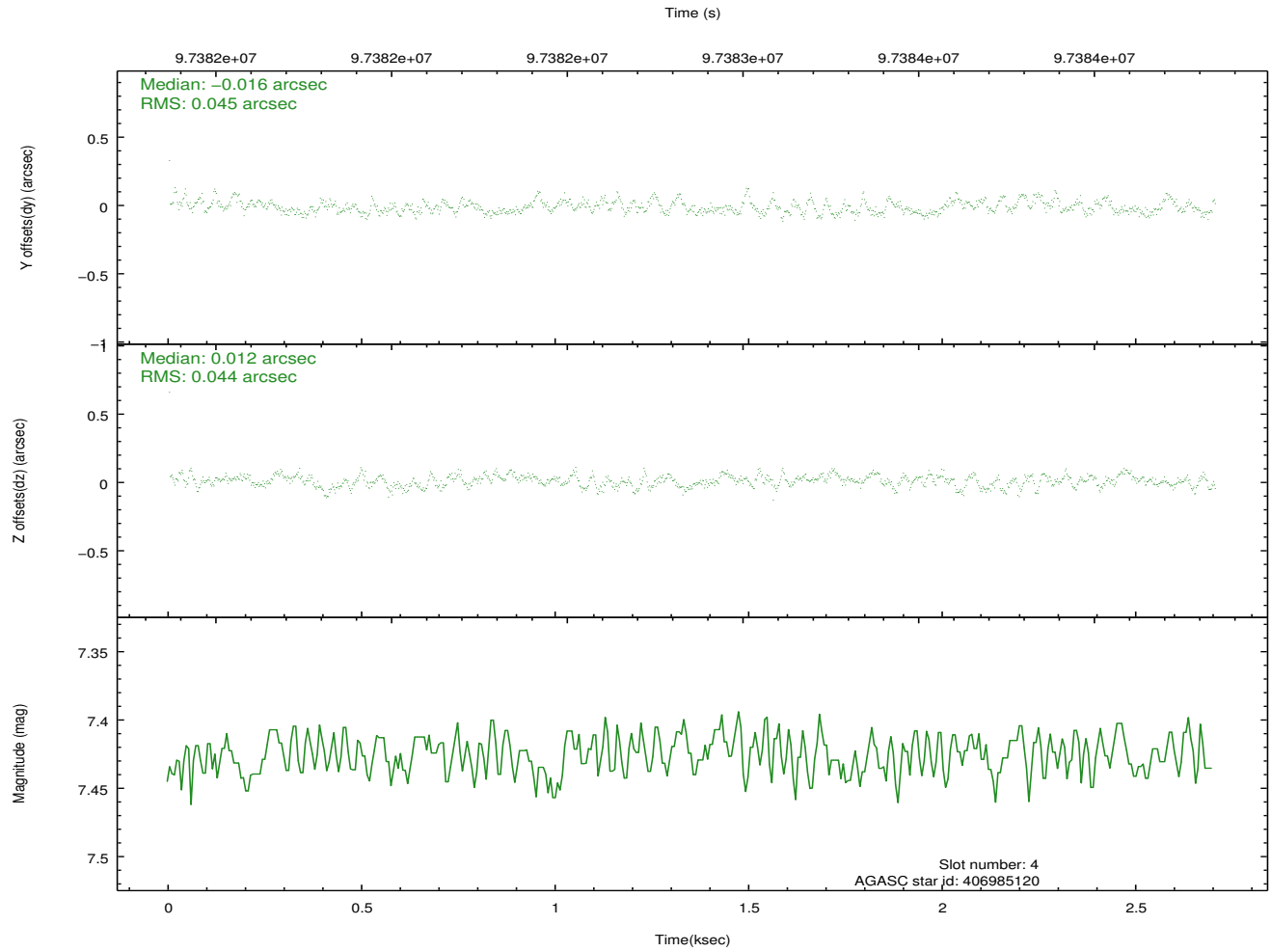
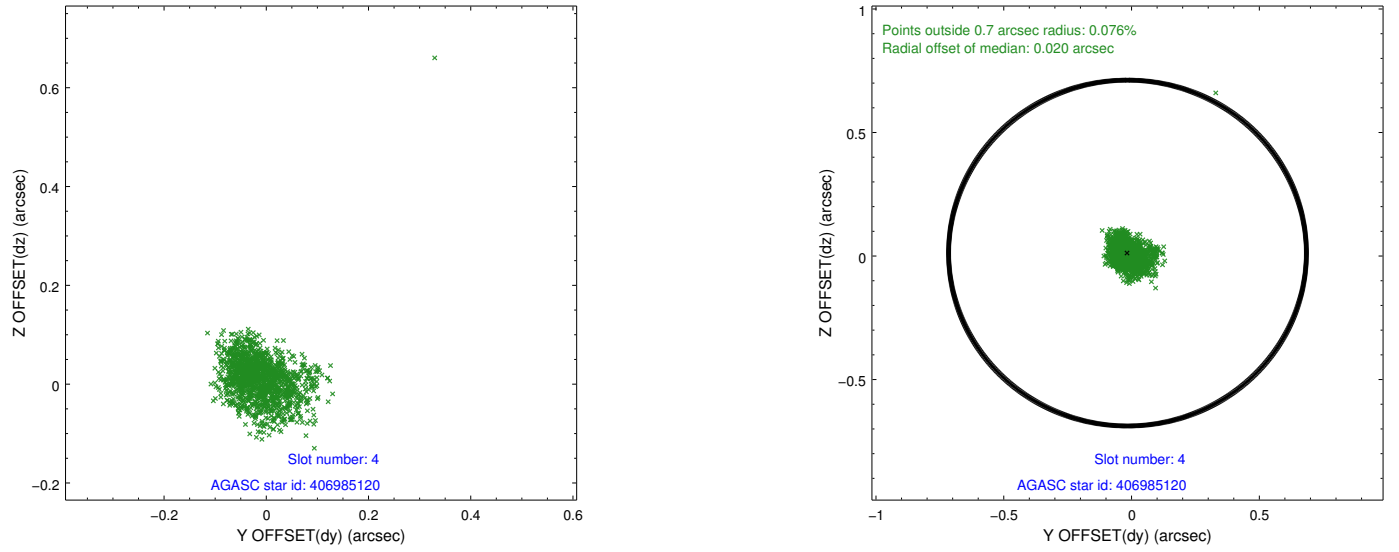
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	660	0.036	0.026	0.006	0.011	0.000000	0.000000	-758.16	-1293.74
1	FID	HRC-I-3	7.04	660	0.031	-0.076	0.007	0.012	0.000000	0.000000	-1187.80	1008.76
2	FID	HRC-I-4	6.99	660	0.047	-0.039	0.005	0.010	0.000000	0.000000	1282.85	1009.89
3	GUIDE	406987272	6.91	1319	0.045	-0.082	0.054	0.084	278.536588	38.437504	-2243.25	283.92
4	GUIDE	406985120	7.42	1319	-0.016	0.012	0.064	0.106	278.839732	38.894839	-558.49	1053.81
5	GUIDE	406993992	7.62	1319	-0.034	0.094	0.062	0.100	279.053714	38.034587	-1985.88	-1758.76
6	GUIDE	406989616	8.23	1319	0.059	0.004	0.060	0.099	279.202881	38.520843	-580.24	-636.84
7	GUIDE	407521232	8.66	1318	-0.052	-0.015	0.071	0.115	279.628883	39.431715	2367.73	1232.03

2.4 Star Slots

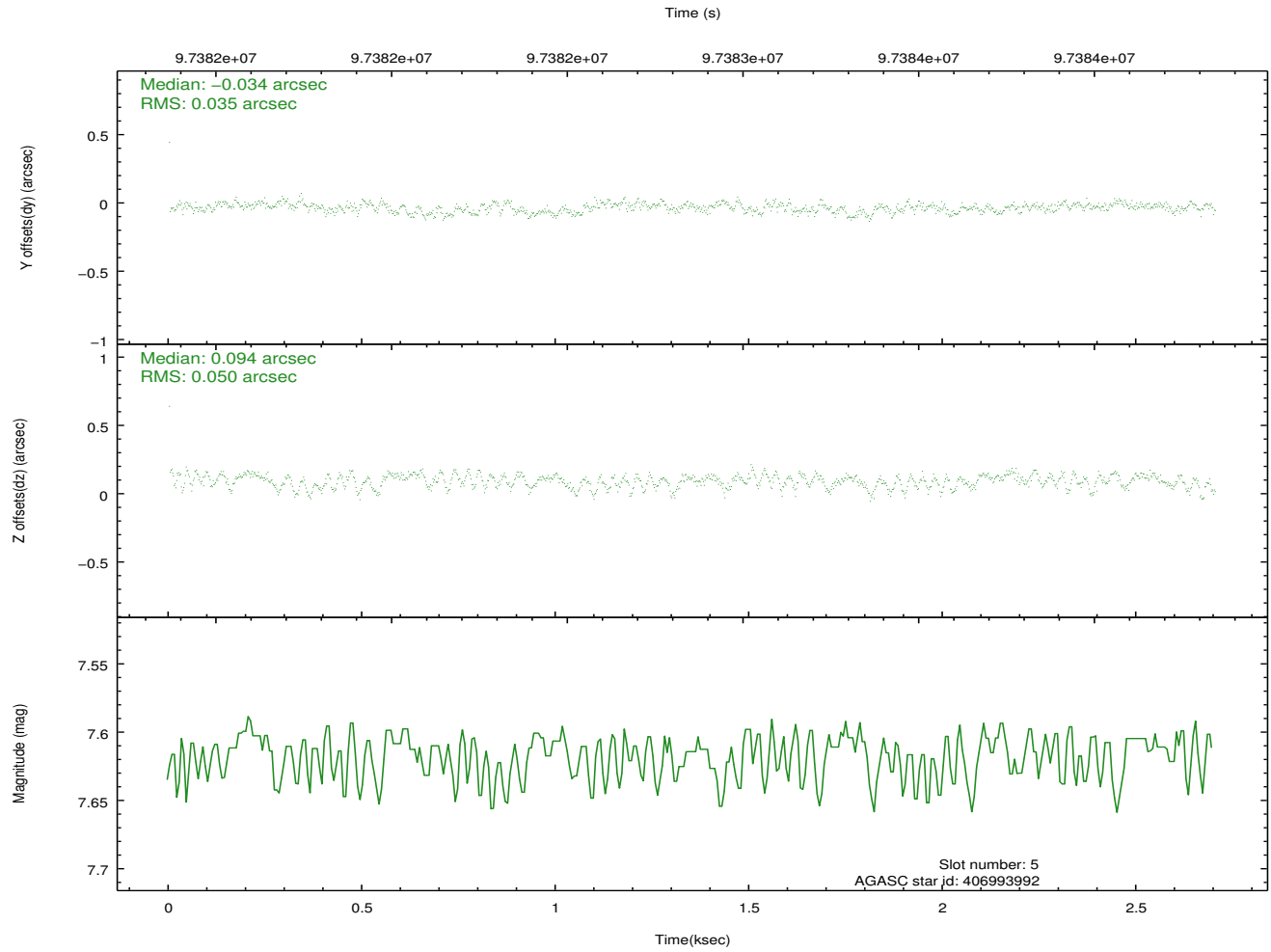
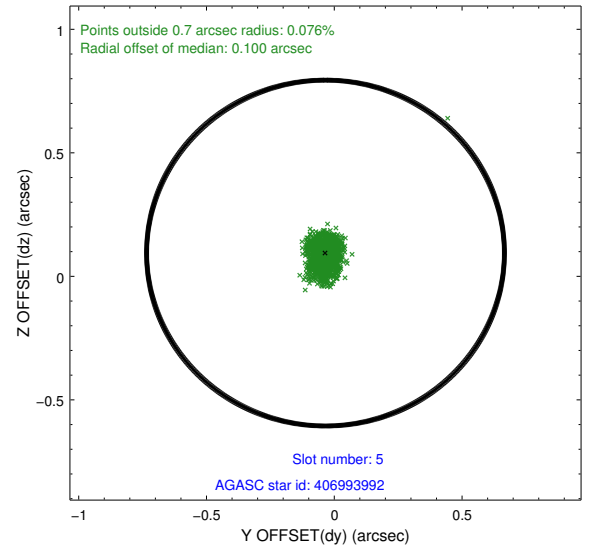
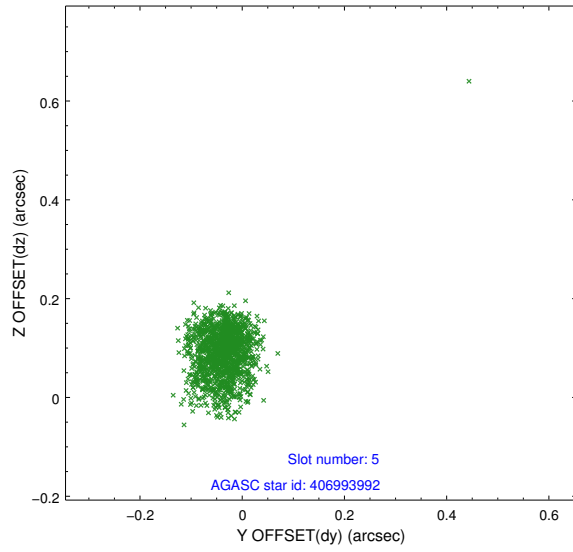
2.4.1 Slot 3



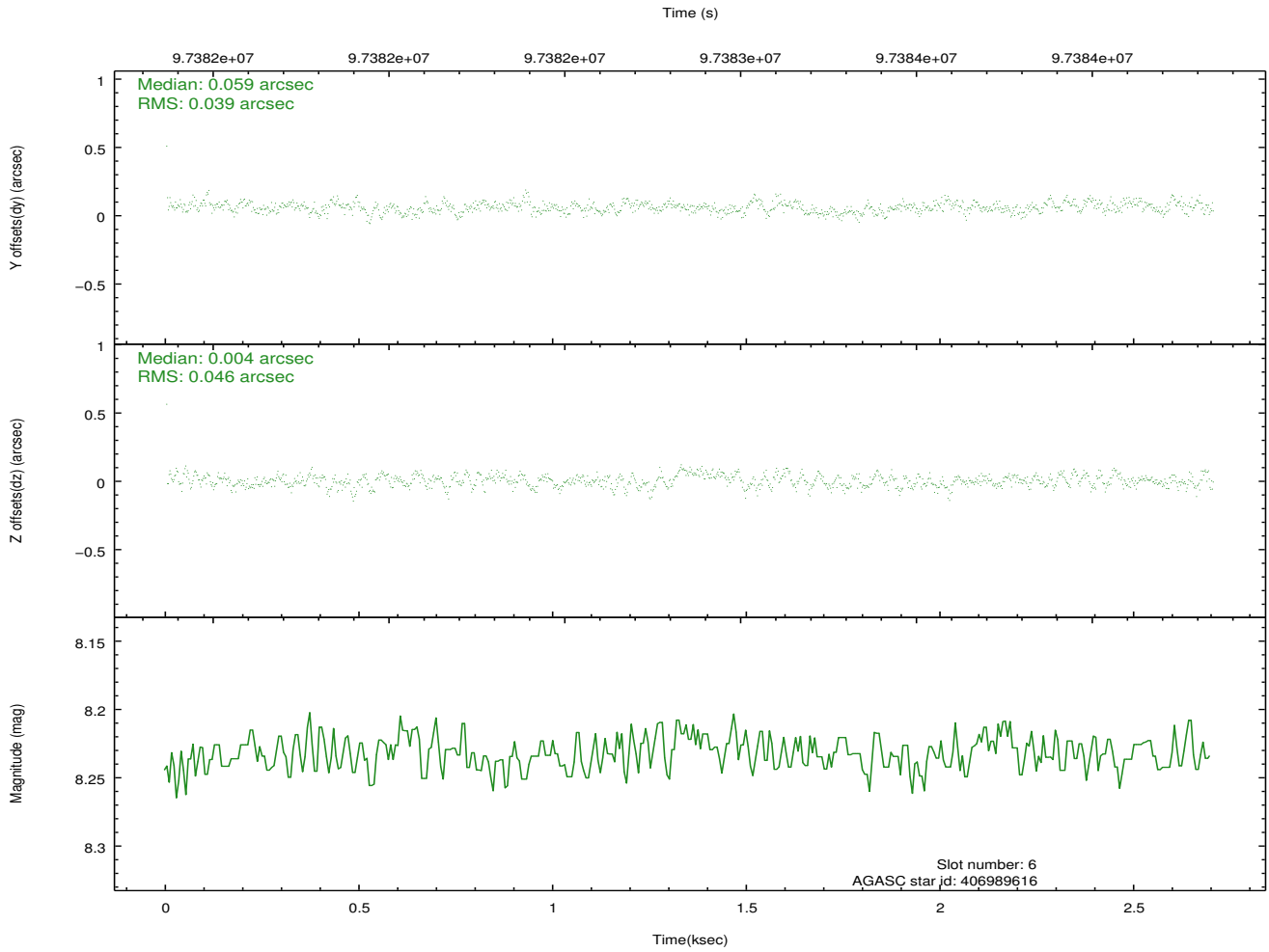
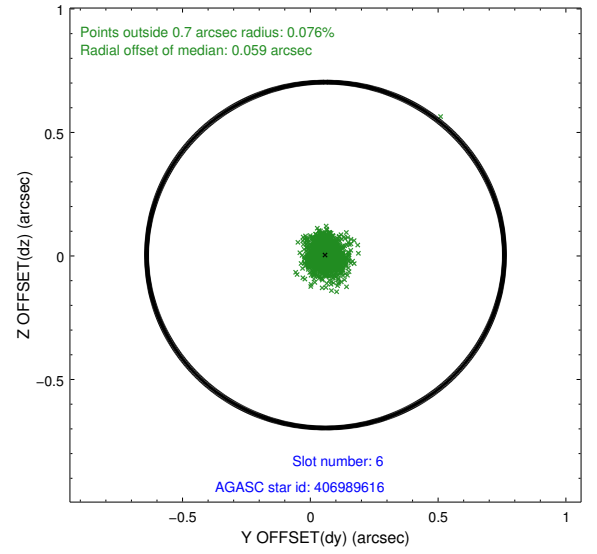
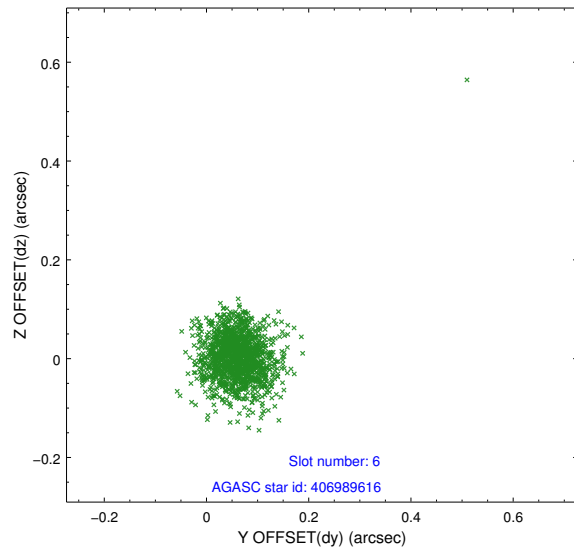
2.4.2 Slot 4



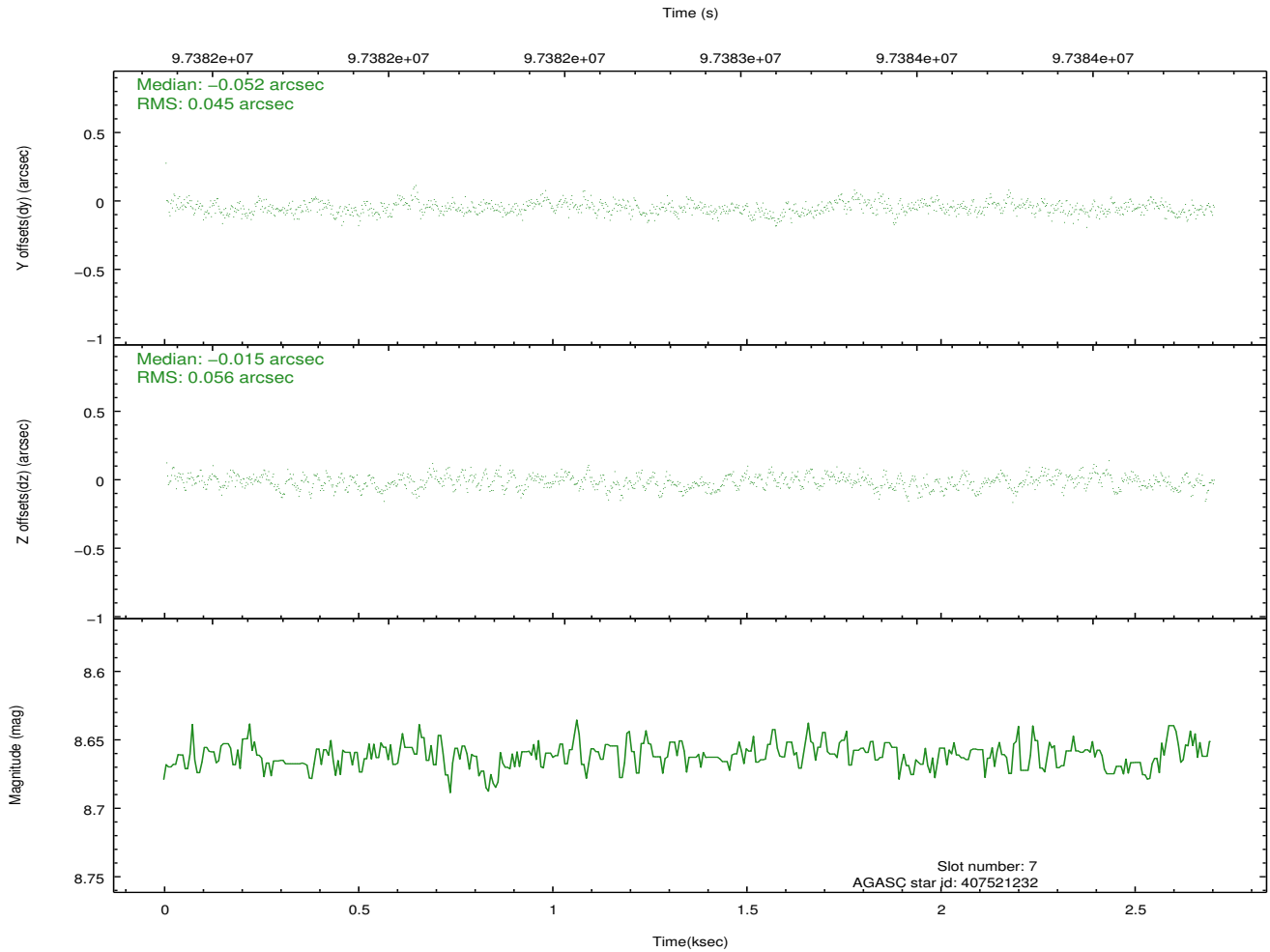
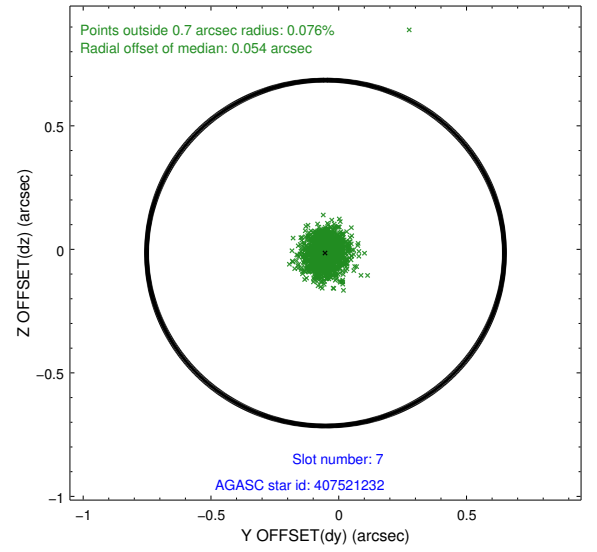
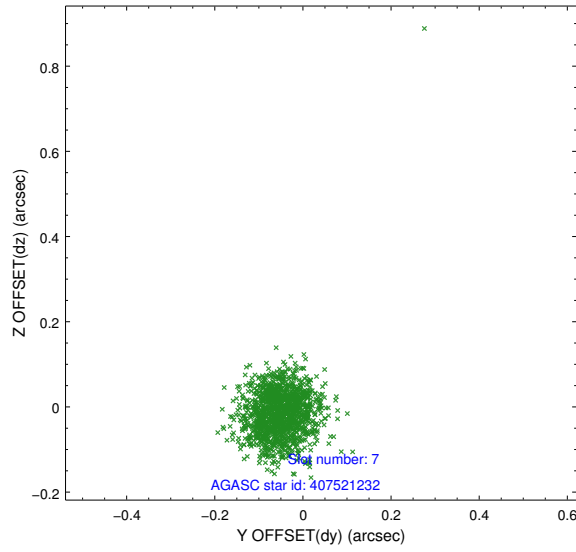
2.4.3 Slot 5



2.4.4 Slot 6

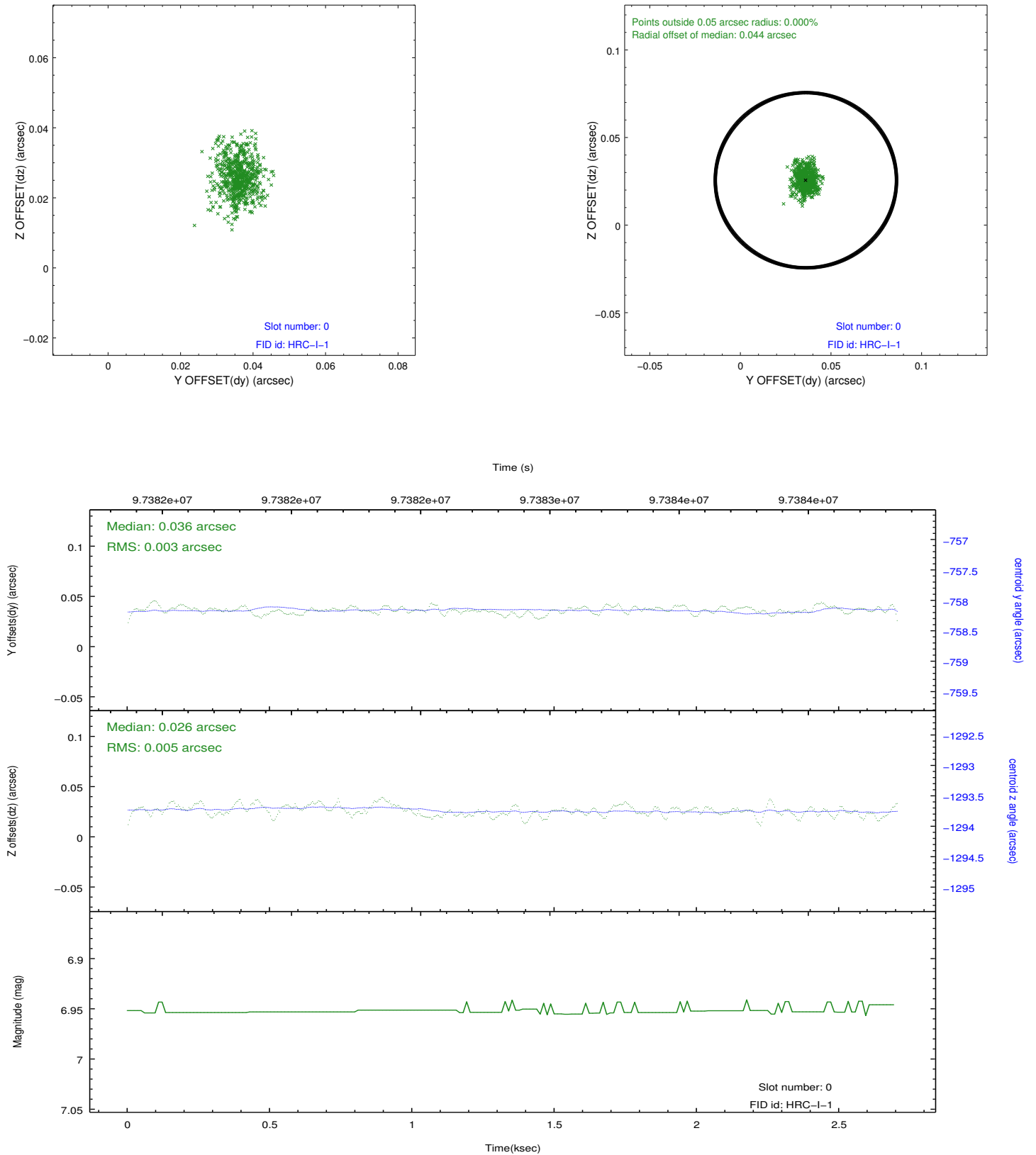


2.4.5 Slot 7

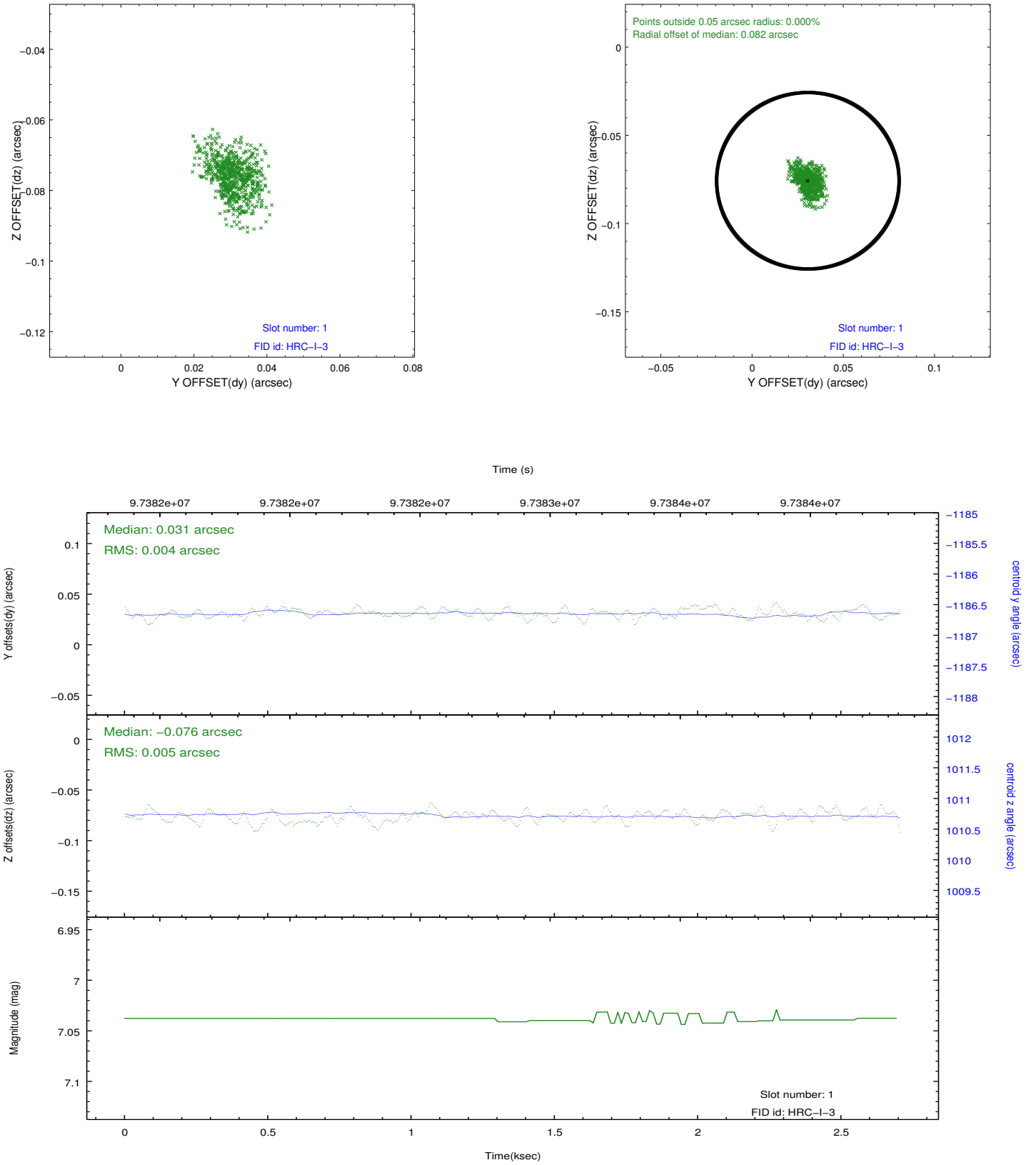


2.5 FID Slots

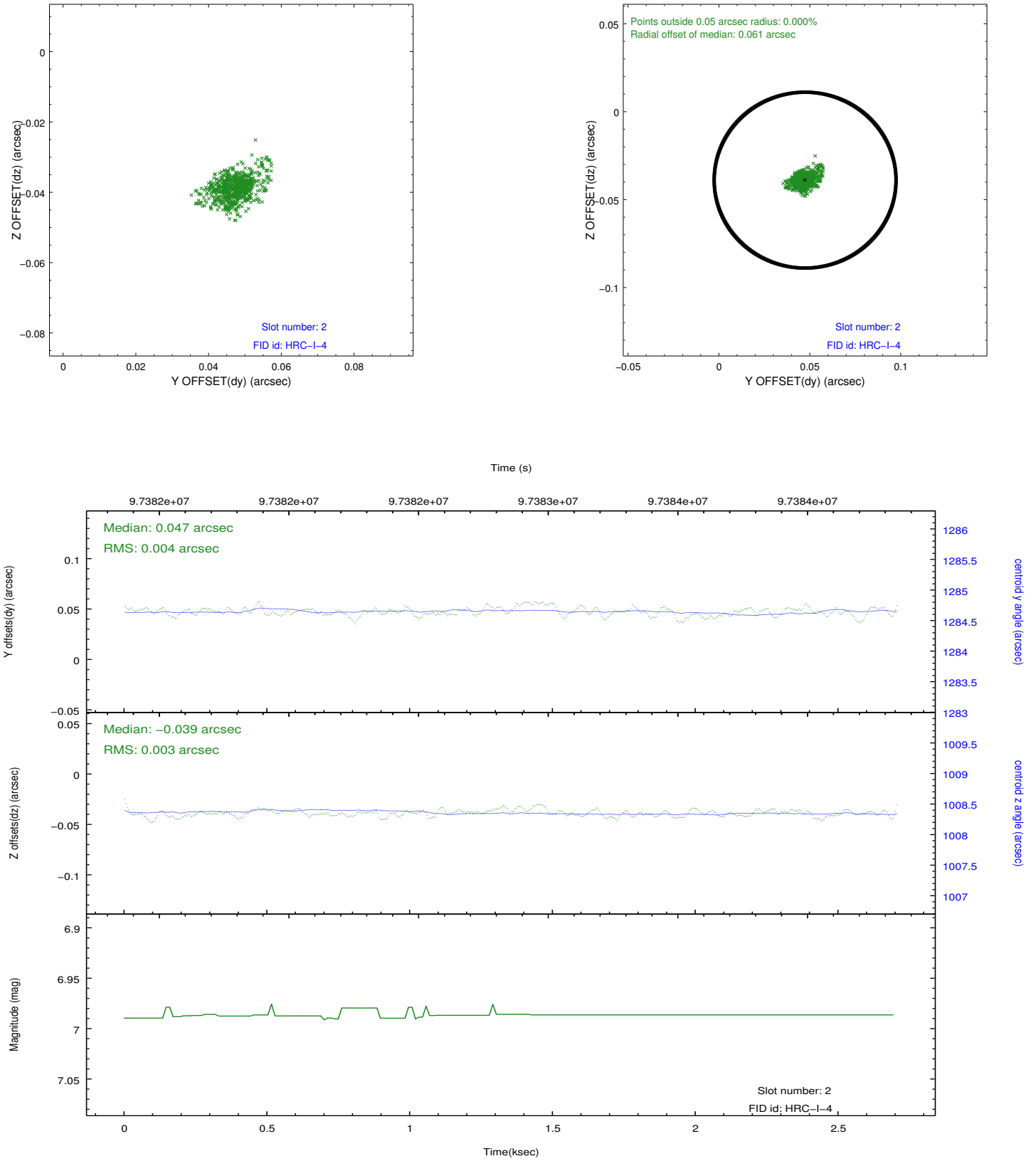
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.701

A.2 Comments

Window preference met.