

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14246 - L2 Version 3
Chandra X-Ray Center

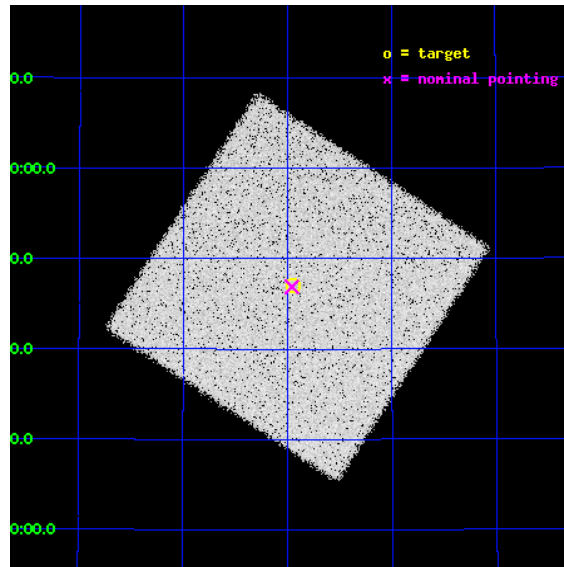
L2 Processing Date : Jul 28 2012

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1 Front

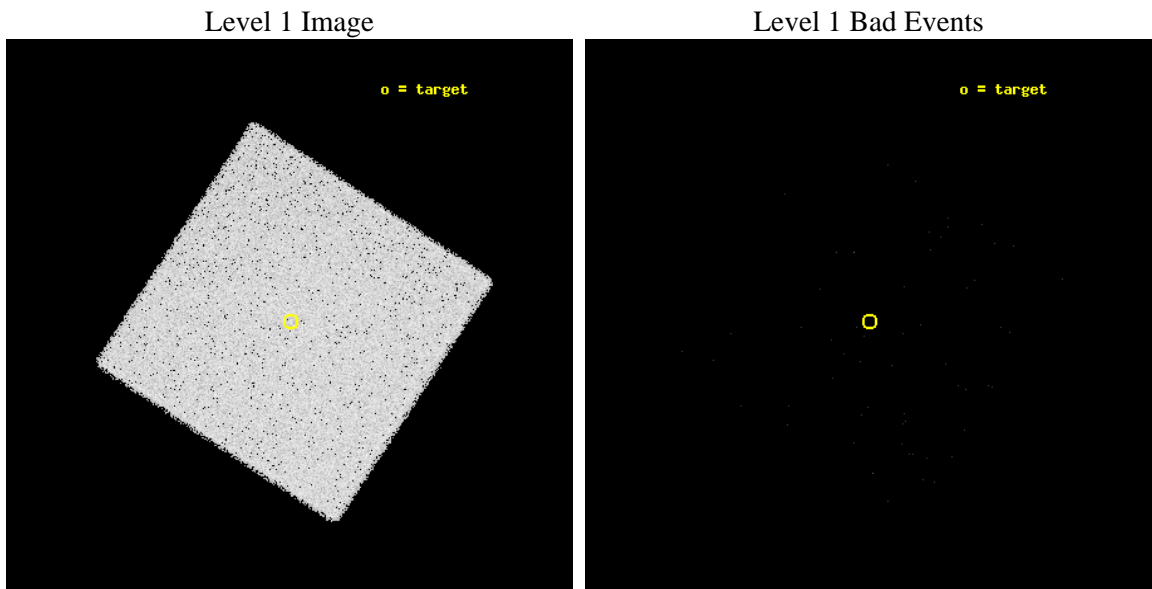
seq_num	291019	Sequence number
obs_id	14246	Observation id
title	AO-13 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.23951905824	Nominal RA [deg]
dec_nom	38.781528226342	Nominal Dec [deg]
roll_nom	348.31535111777	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2143.5313631892	[s]
liveltime	2122.7964489575	Ontime multiplied by DTCOR
l2events	144369	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	2143.5313631892	[s]
caldbver	4.5.1	 	l1events	286789	Number of level 1 events
date	2012-07-28T06:31:48	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

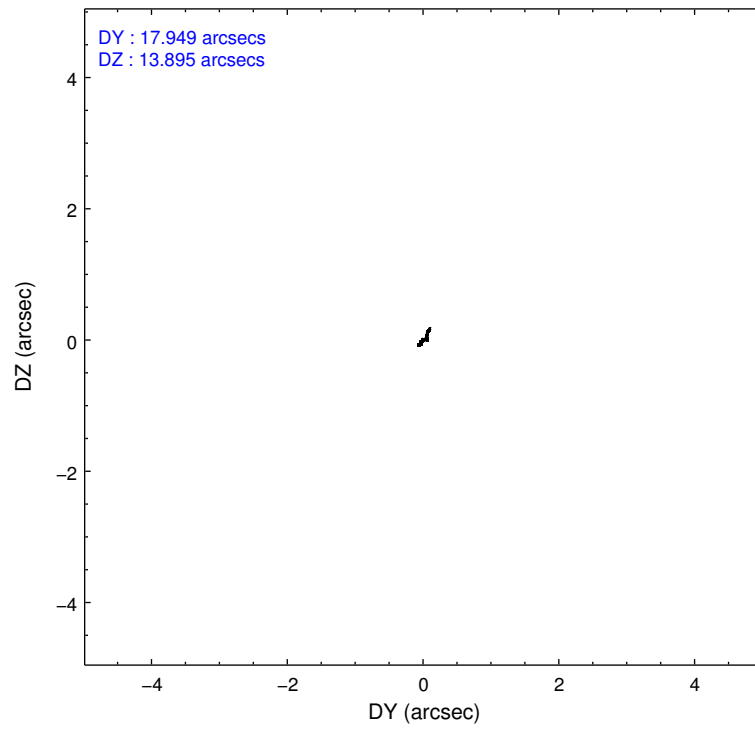
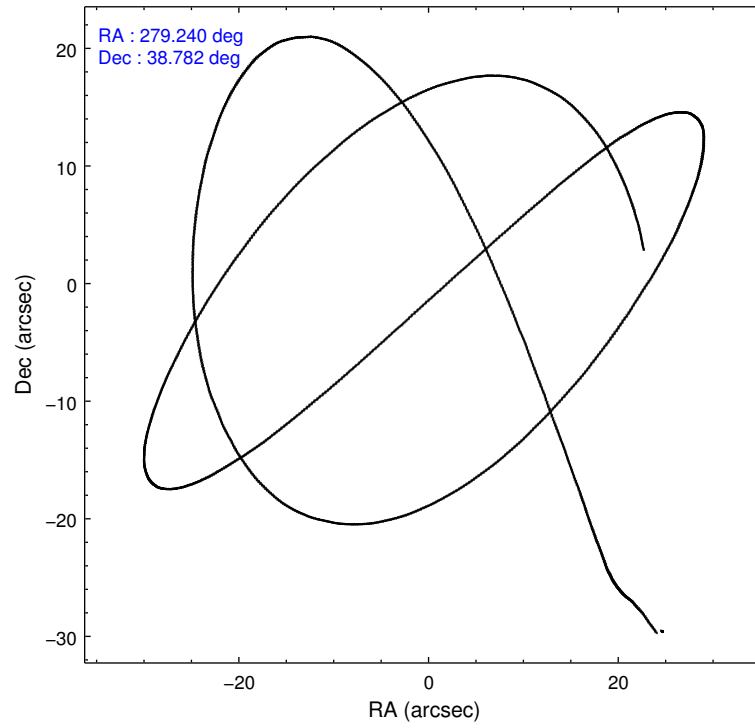
Level 1 Events

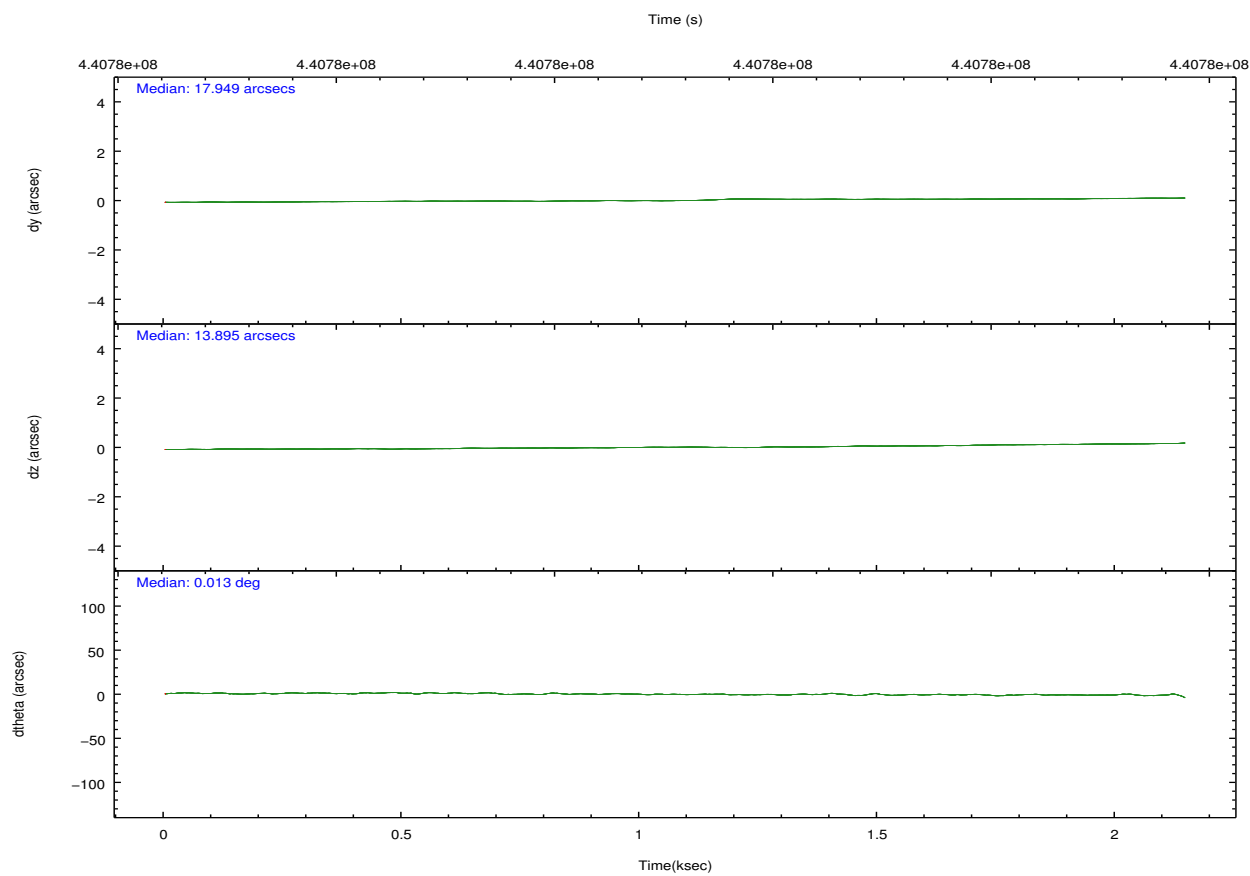
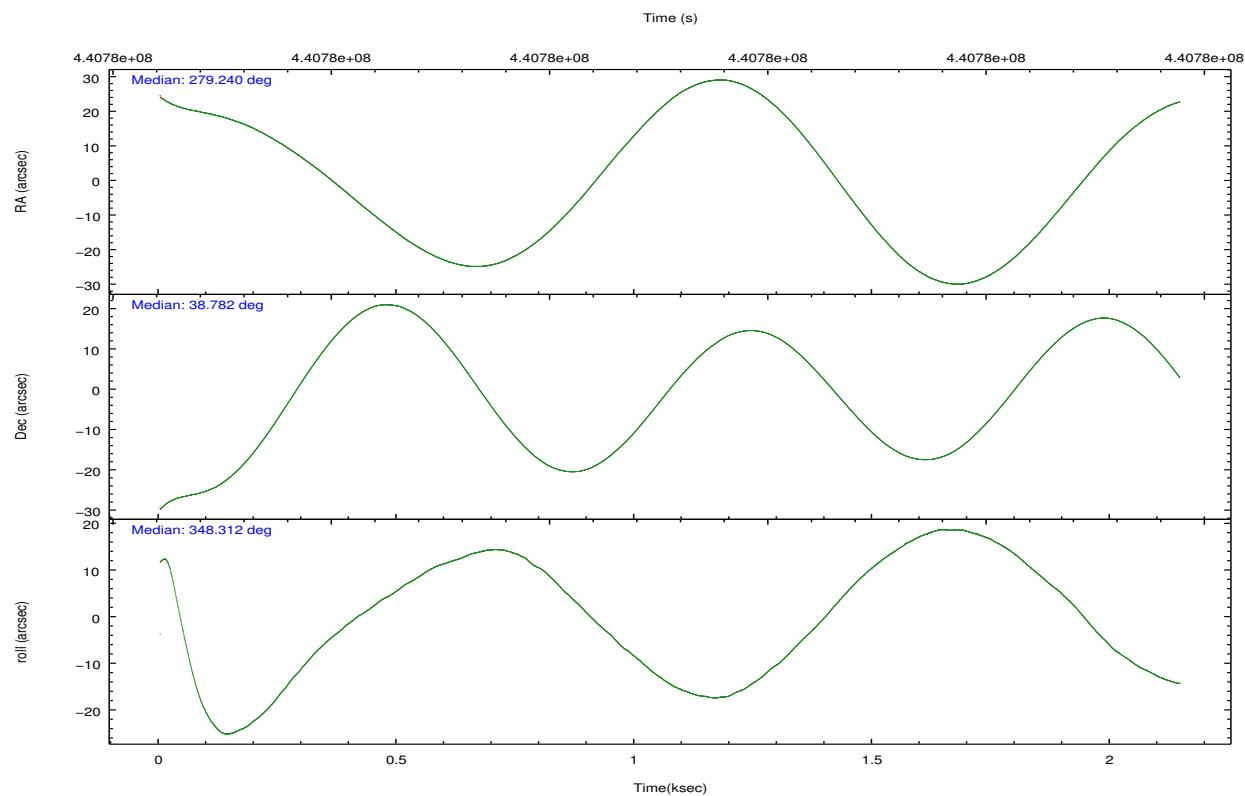
	segment 0
level 1 events	286789
rejected events	85415
rejected %	29%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	279.206673	279.2395190582394			
[deg] Pointing Dec	38.772313	38.78152822634188			
[deg] Pointing Roll	348.431182	348.3153511177735			
[s] Window start time (MET)	439084866.184000	439084866.184000			
[s] Window stop time (MET)	444355266.184000	444355266.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	440776854.184000	440775824.40616			
Observation start date	2011-12-20T13:59:48	2011-12-20T13:43:44			
[s] Observation end time (MET)	440778854.184000	440778991.14383			
Observation end date	2011-12-20T14:33:08	2011-12-20T14:36:31			

2.3 Aspect



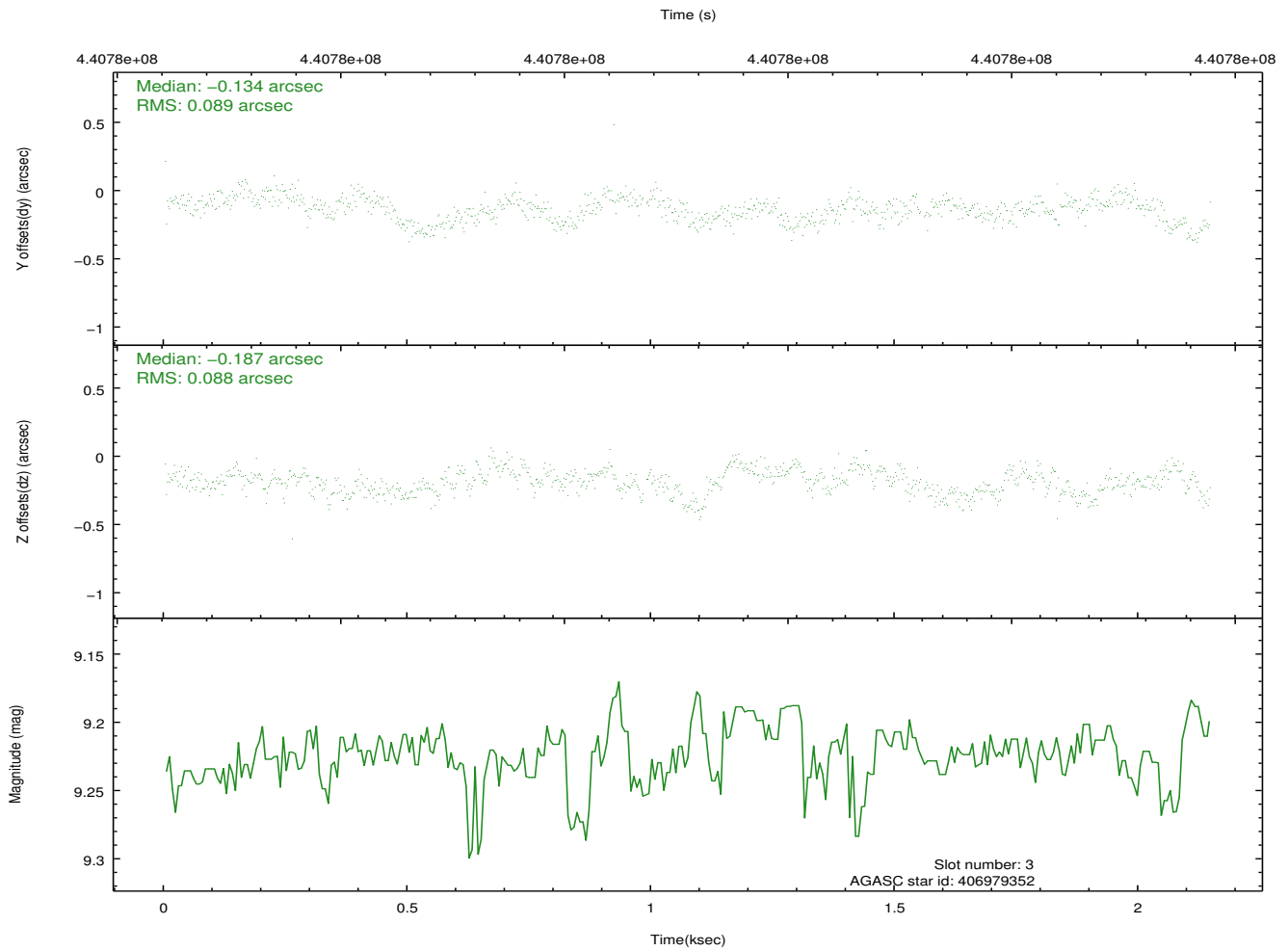
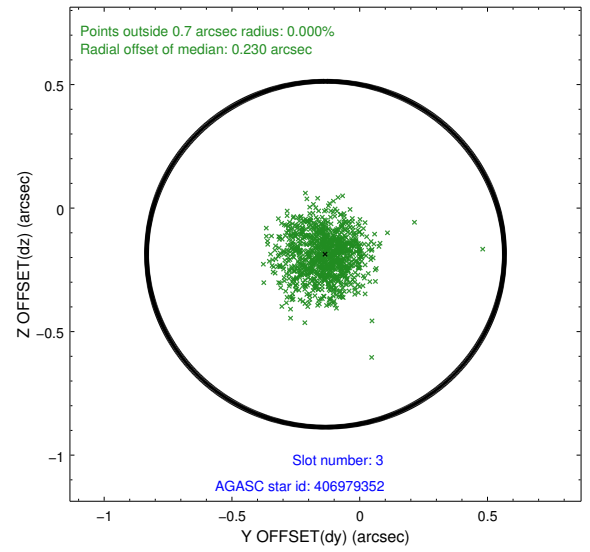
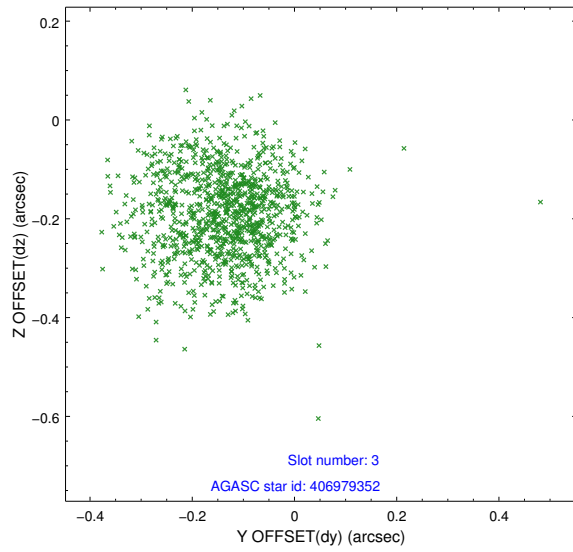


Slot Statistics

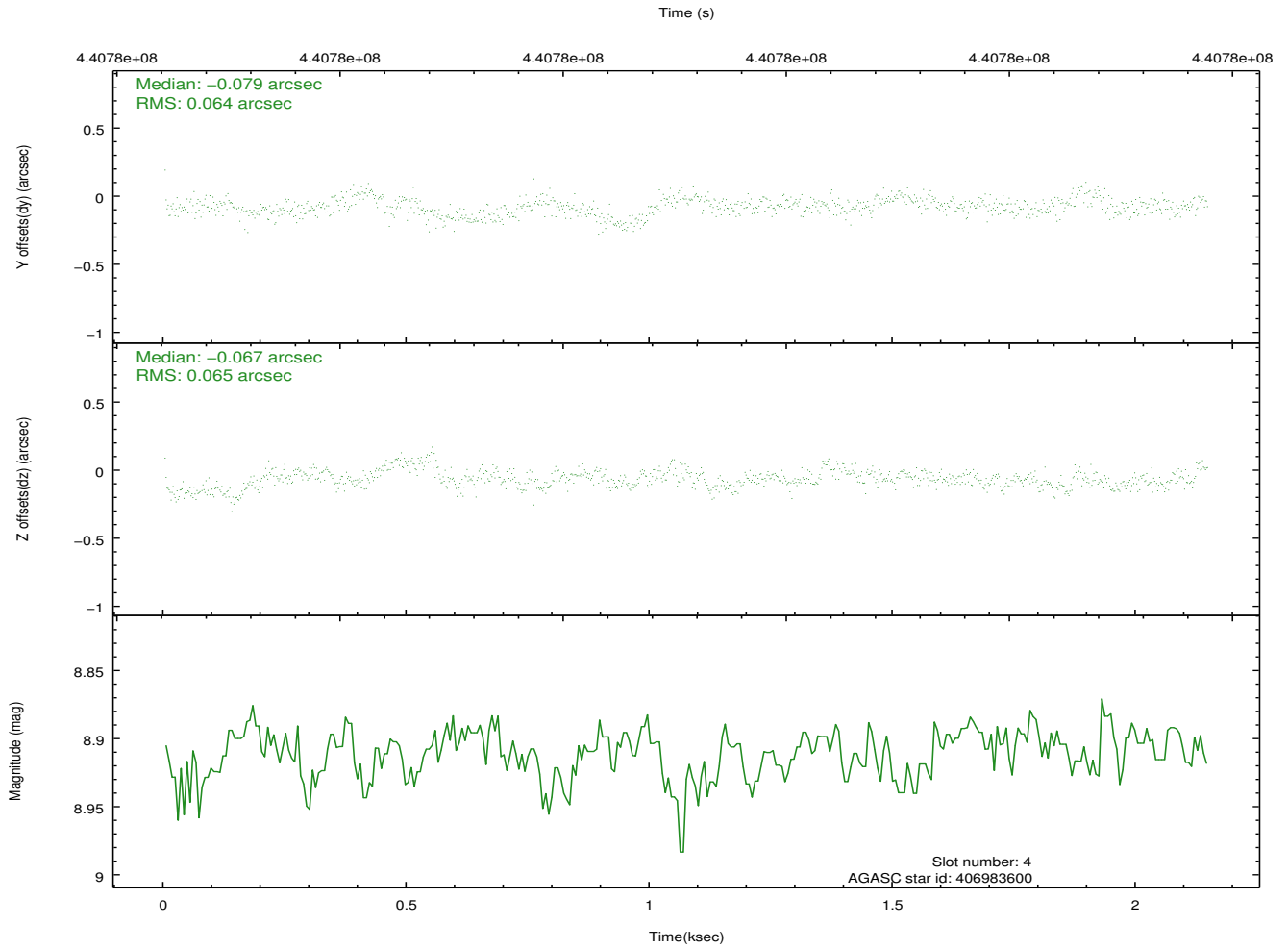
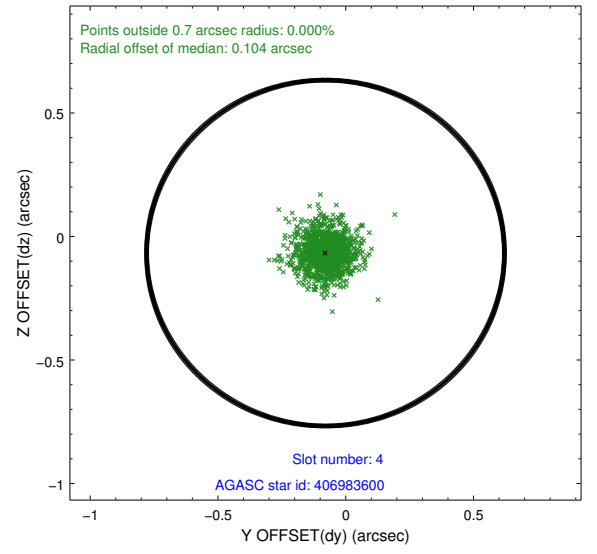
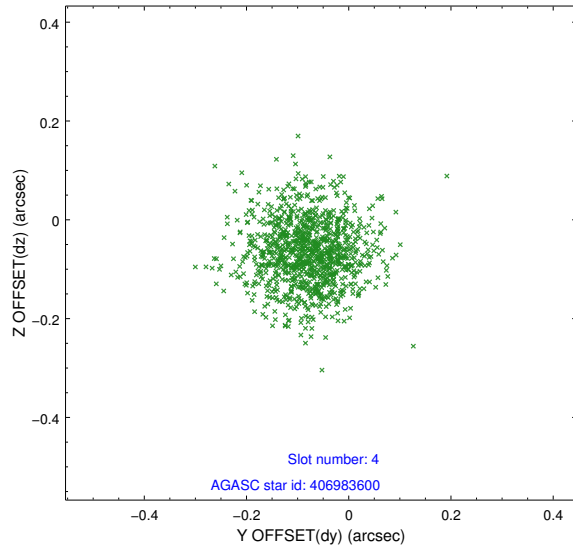
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	524	-0.024	-0.069	0.007	0.011	0.000000	0.000000	-773.98	-1301.97
1	FID	HRC-I-3	7.10	524	-0.153	-0.054	0.007	0.012	0.000000	0.000000	-1203.89	1000.16
2	FID	HRC-I-4	7.03	524	0.291	0.034	0.005	0.010	0.000000	0.000000	1267.01	1002.05
3	GUIDE	406979352	9.22	1040	-0.134	-0.187	0.134	0.209	279.968297	39.230258	1749.21	2047.71
4	GUIDE	406983600	8.91	1047	-0.079	-0.067	0.096	0.155	279.940957	39.020708	1834.21	1297.11
5	GUIDE	406987272	6.94	1047	0.074	0.177	0.067	0.109	278.536588	38.437504	-1608.97	-1551.33
6	GUIDE	406989616	8.23	1047	0.047	0.103	0.088	0.144	279.202881	38.520843	170.05	-890.56
7	GUIDE	406990192	8.99	1046	0.097	-0.026	0.103	0.165	278.510952	38.533654	-1747.85	-1228.51

2.4 Star Slots

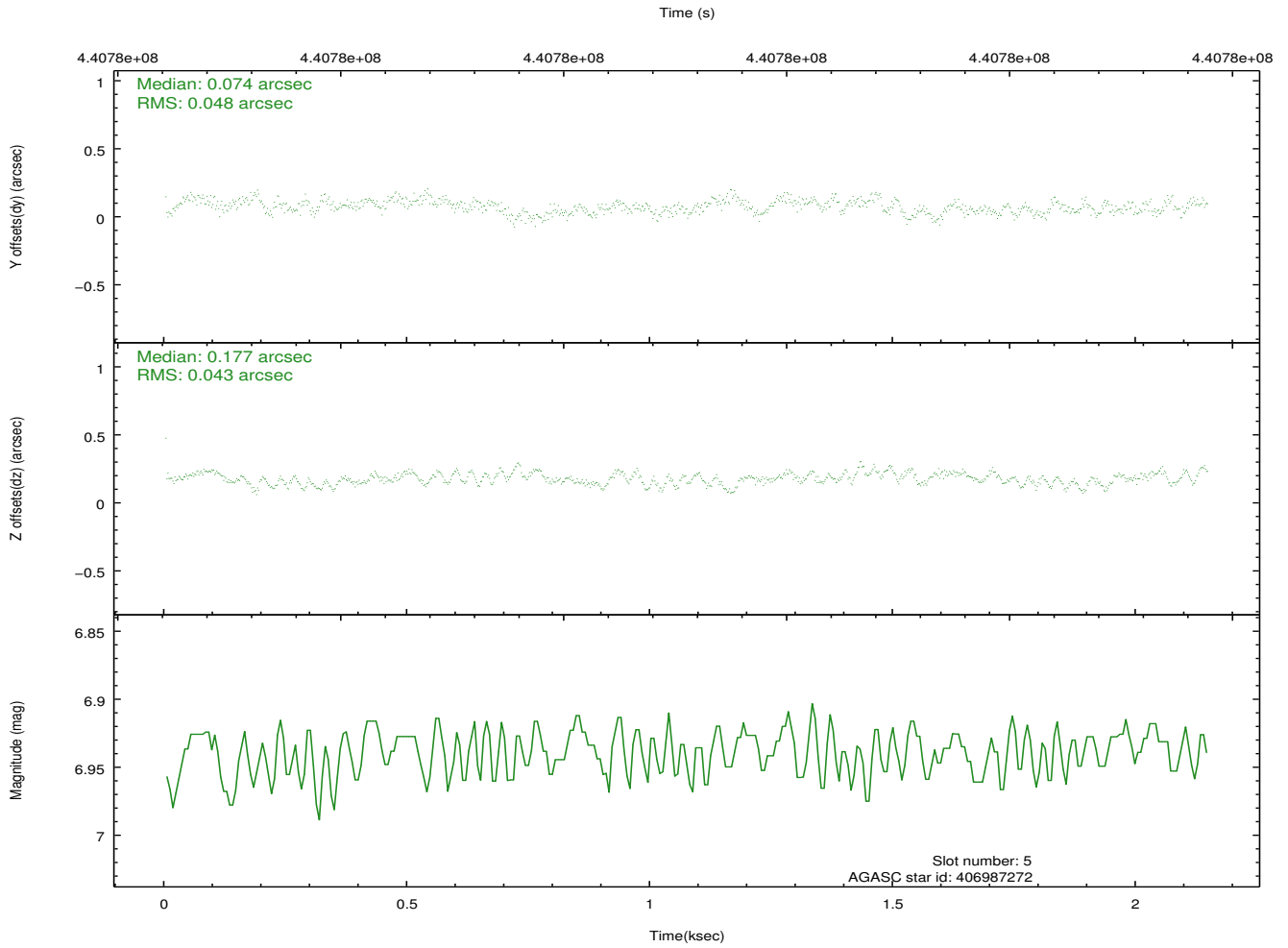
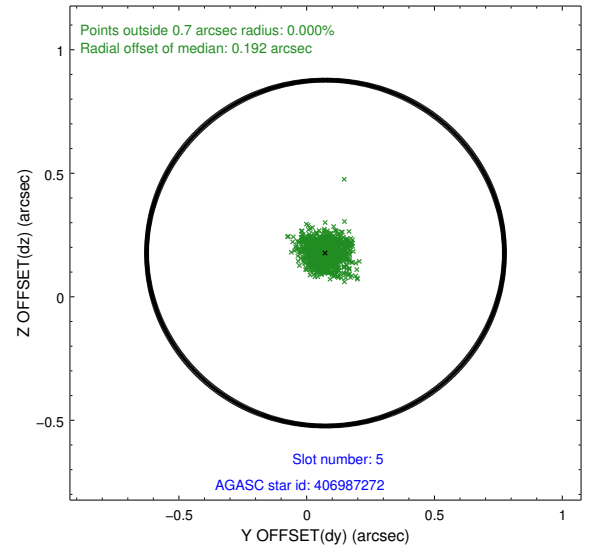
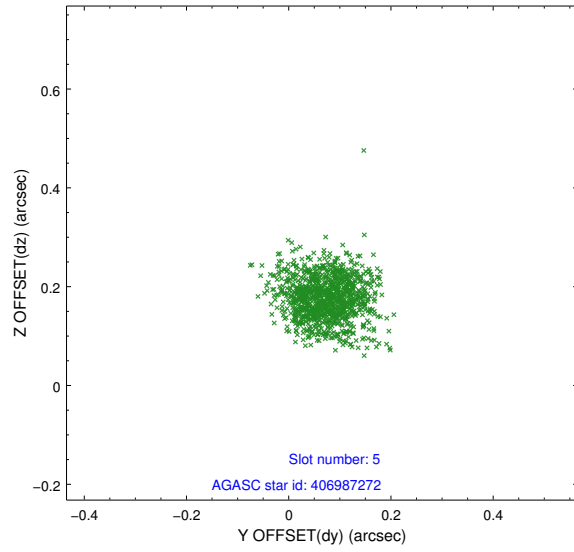
2.4.1 Slot 3



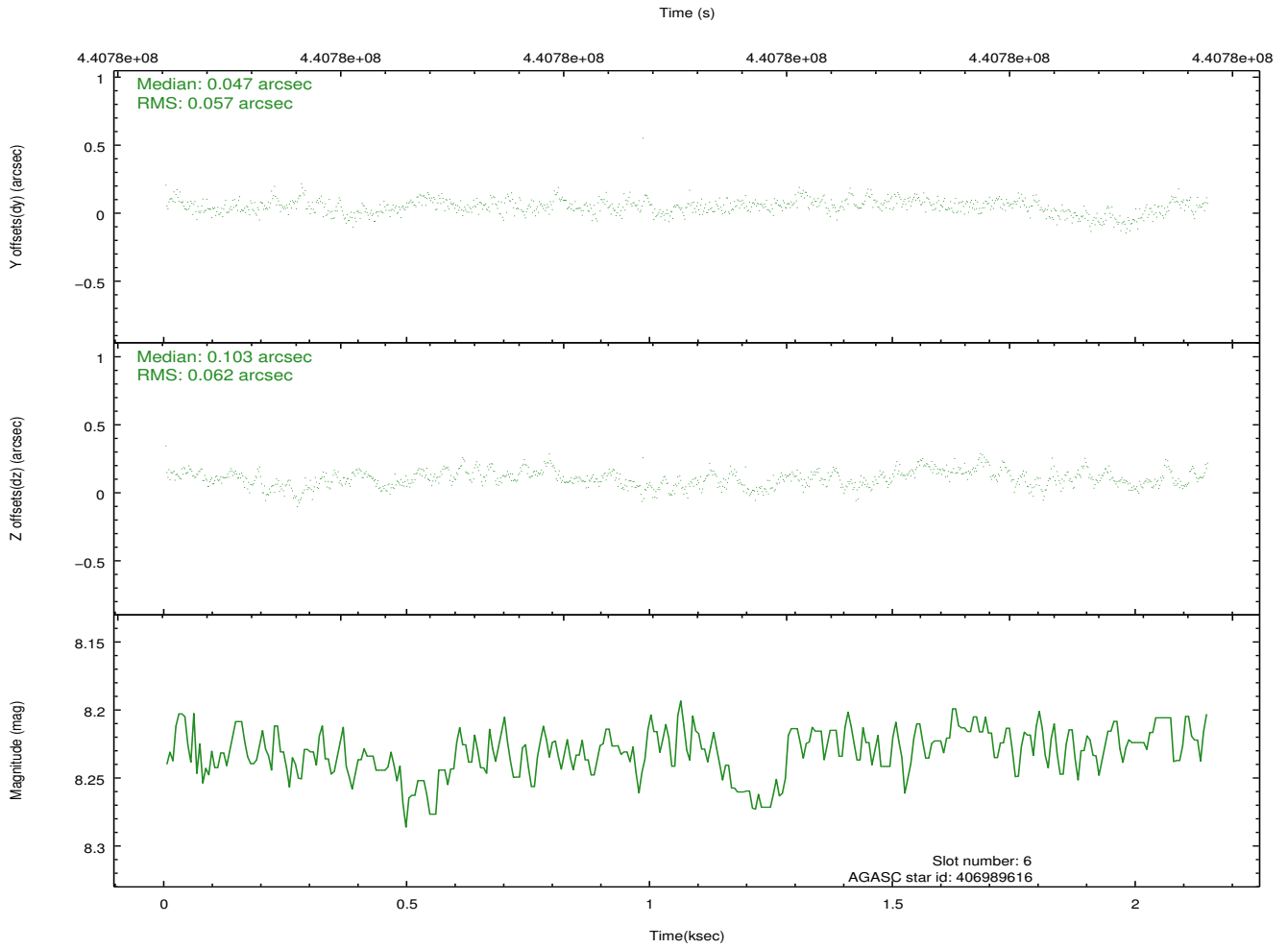
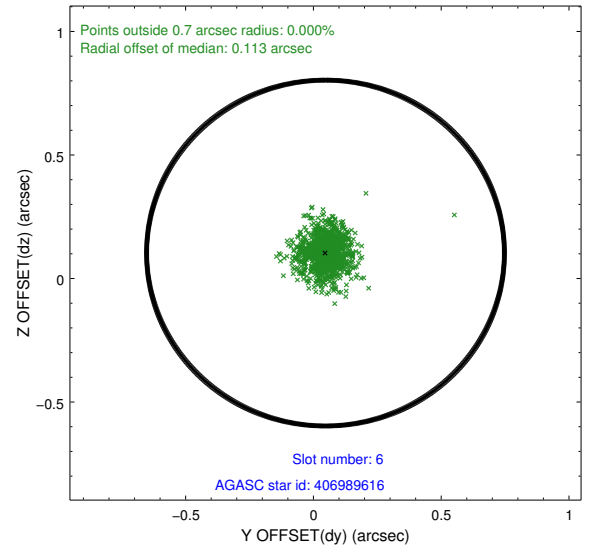
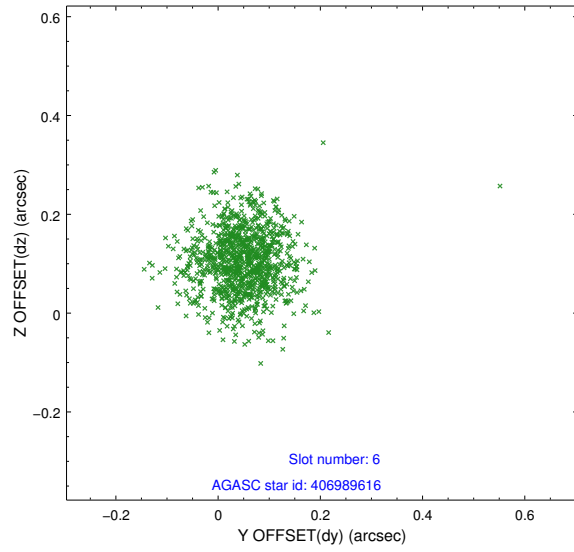
2.4.2 Slot 4



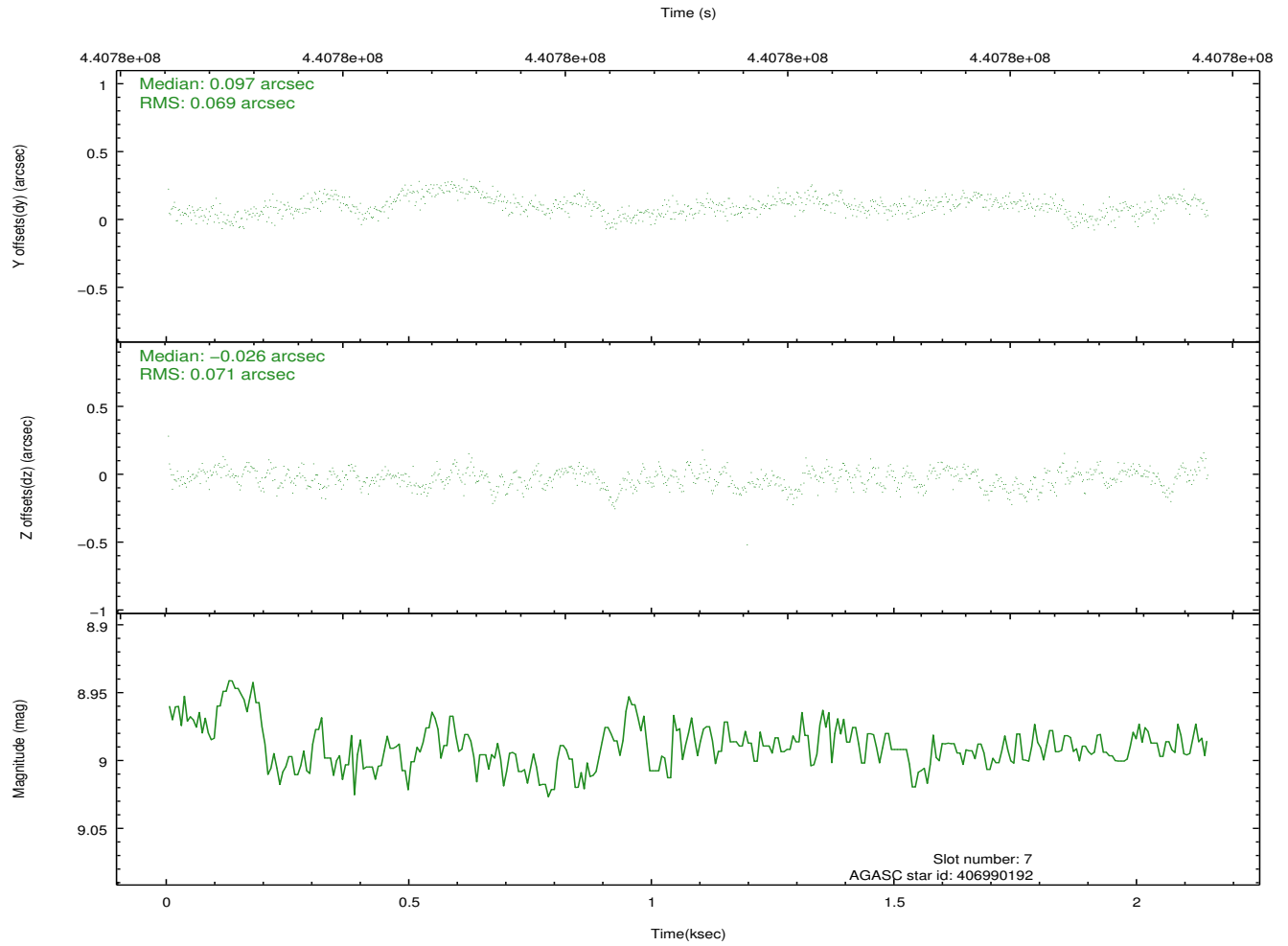
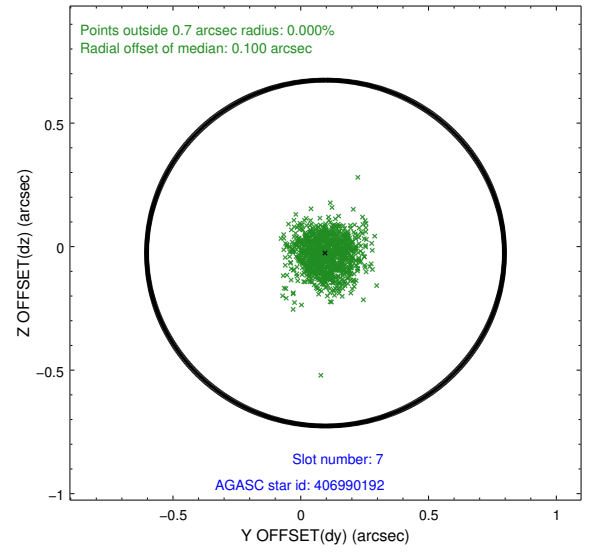
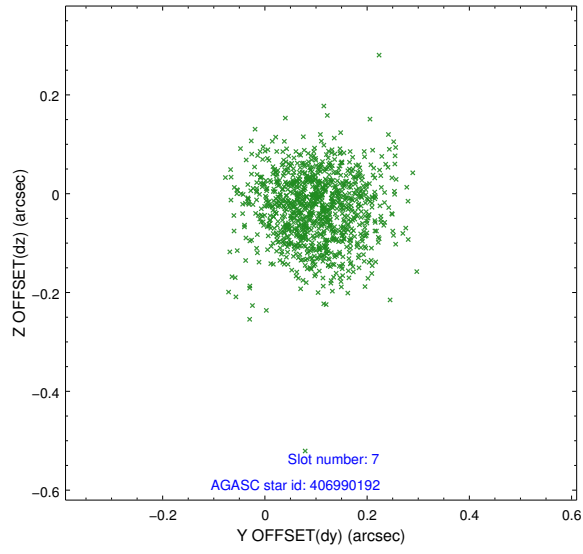
2.4.3 Slot 5



2.4.4 Slot 6

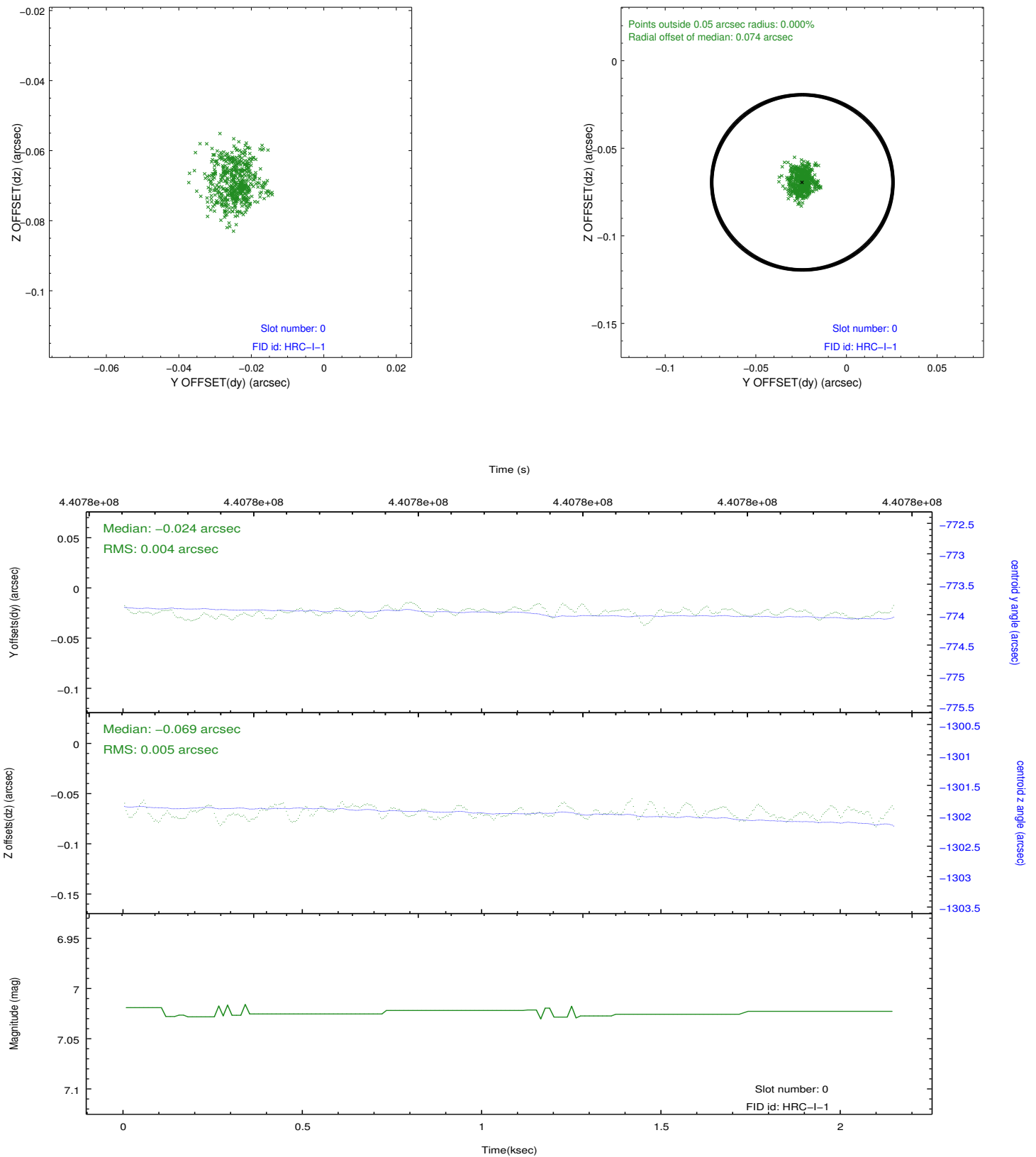


2.4.5 Slot 7

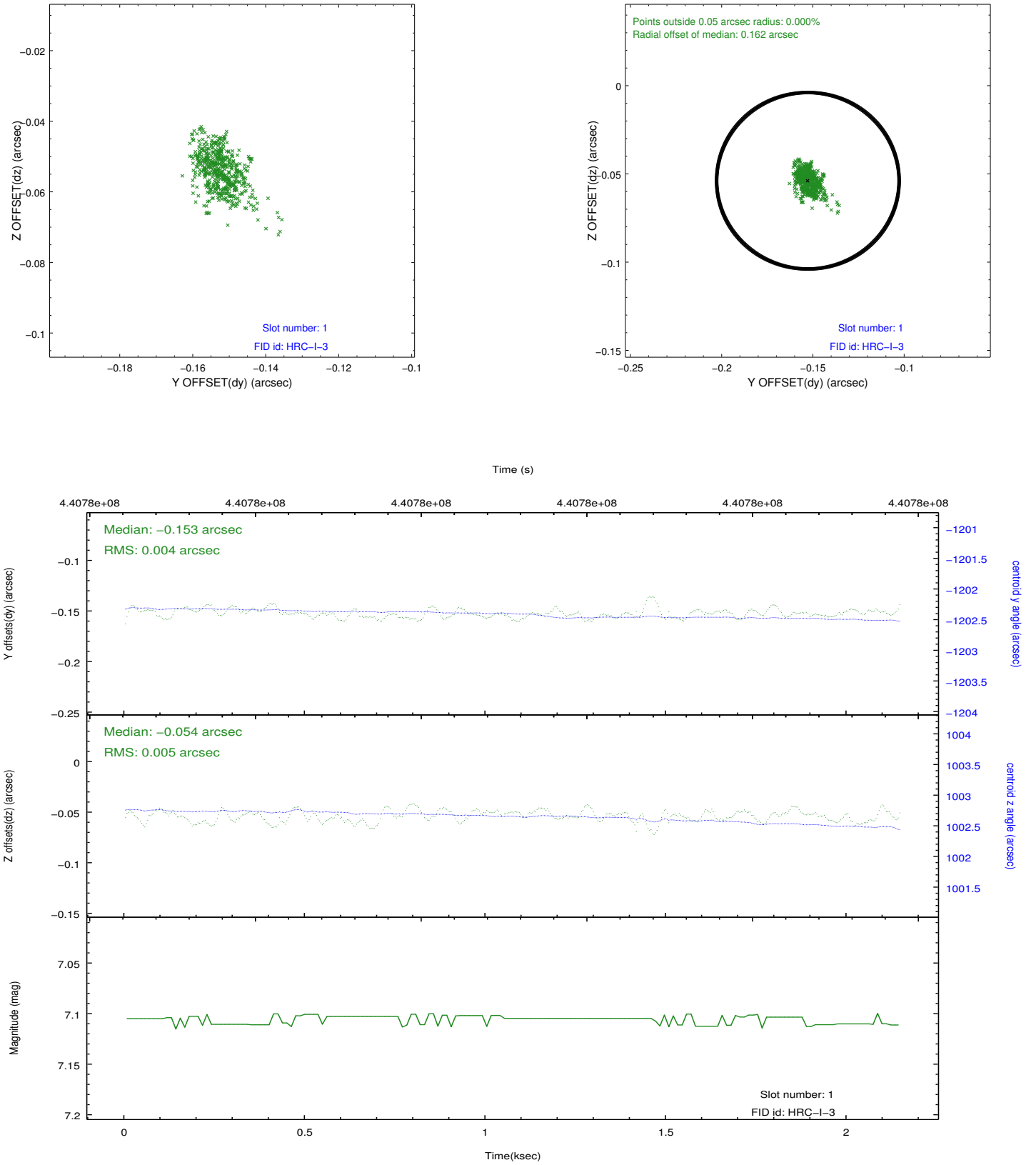


2.5 FID Slots

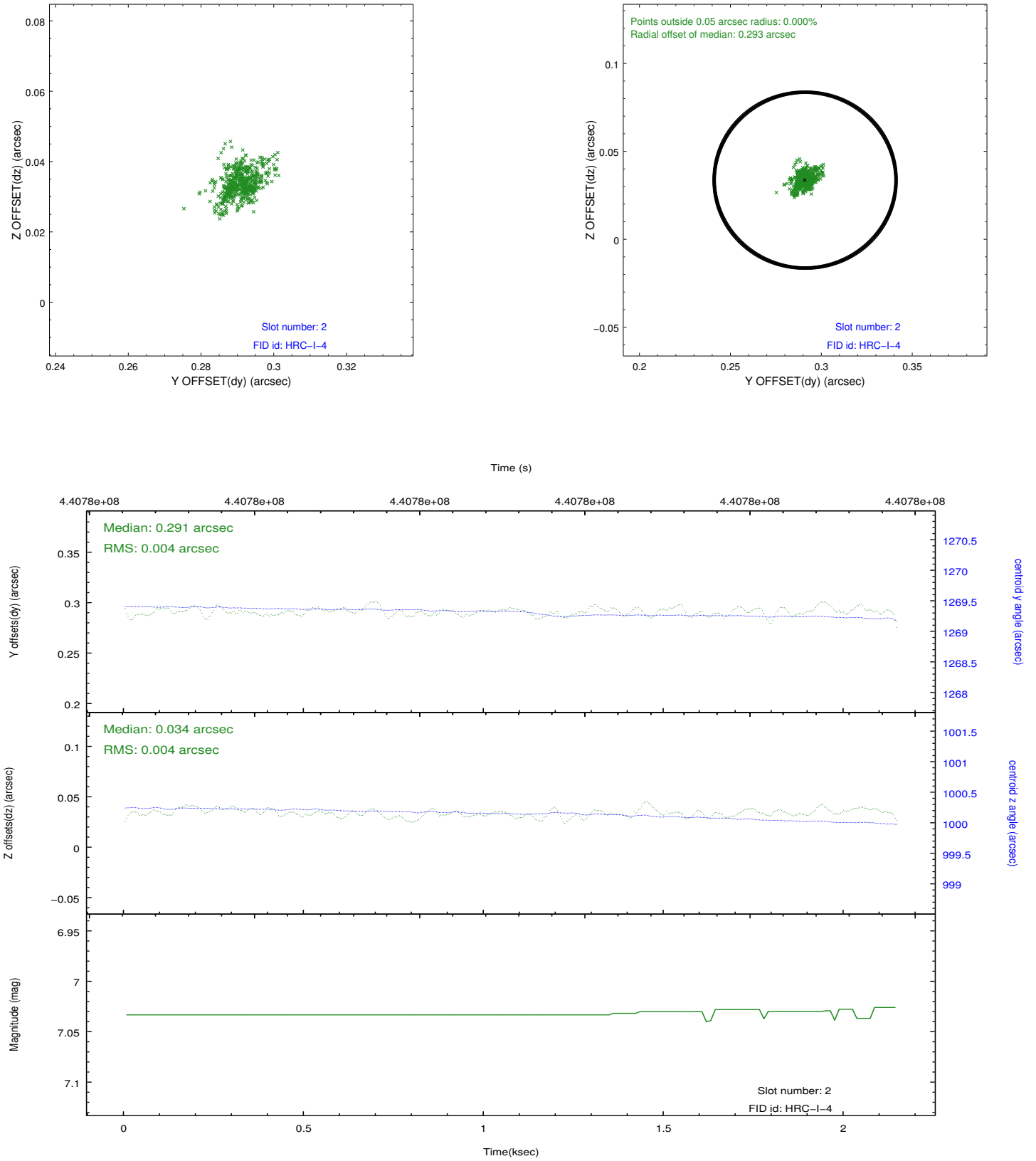
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1435313631296

A.2 Comments

Window preference met.