

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10578 - L2 Version 3
Chandra X-Ray Center

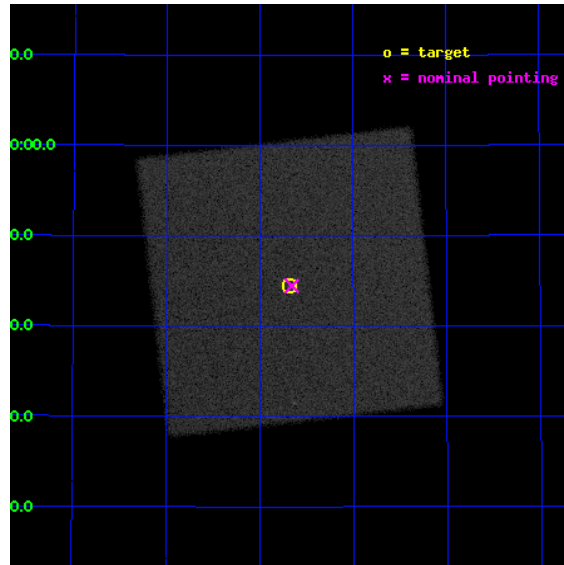
L2 Processing Date : Aug 13 2012

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1 Front

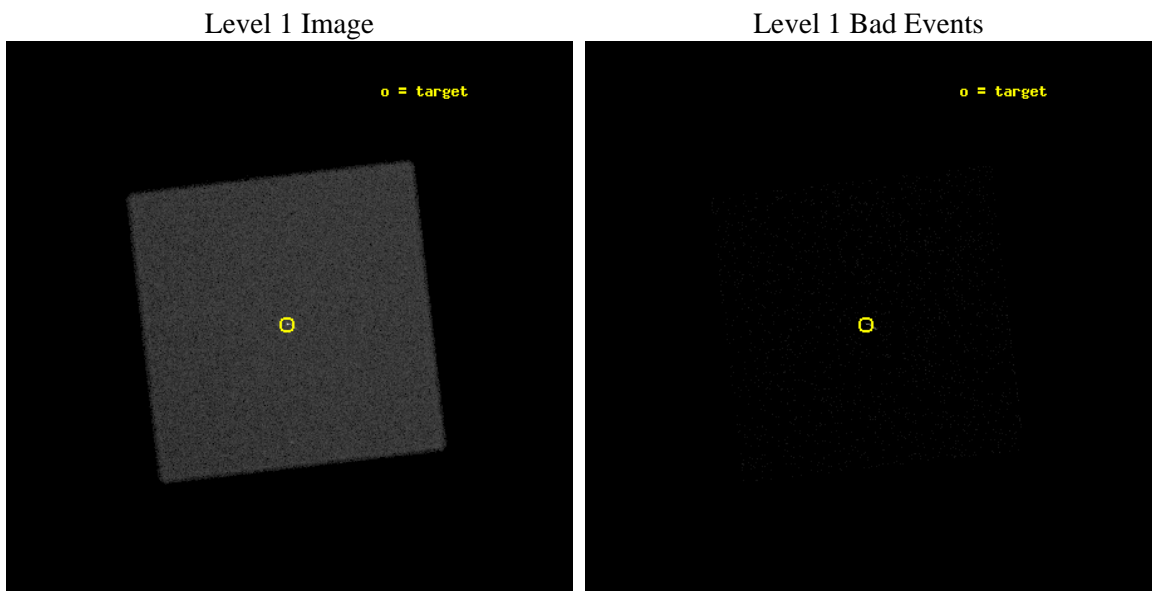
seq_num	290814	Sequence number
obs_id	10578	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.16438561669	Nominal RA [deg]
dec_nom	45.741130817183	Nominal Dec [deg]
roll_nom	218.36406165323	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3137.5251575112	[s]
livetime	3098.087339351	Ontime multiplied by DTCOR
l2events	250902	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	8.4.5	Processing system revision	ontime	3137.5251575112	[s]
caldbver	4.5.1.1	 	l1events	487257	Number of level 1 events
date	2012-08-13T13:06:10	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

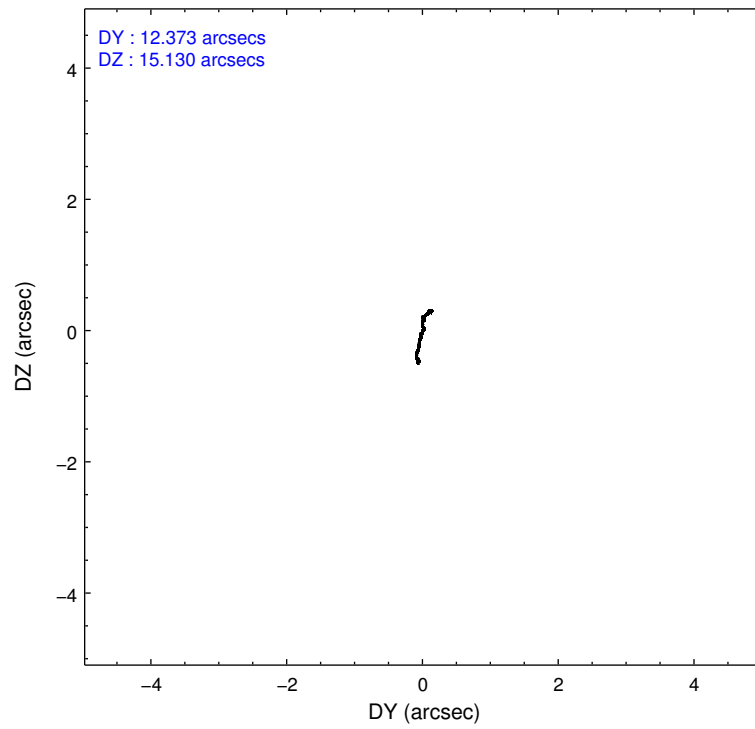
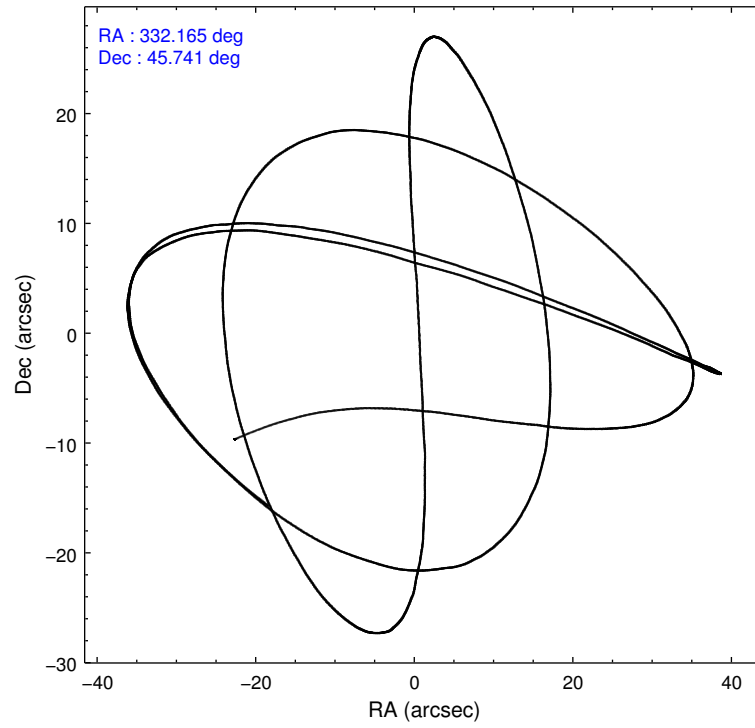
Level 1 Events

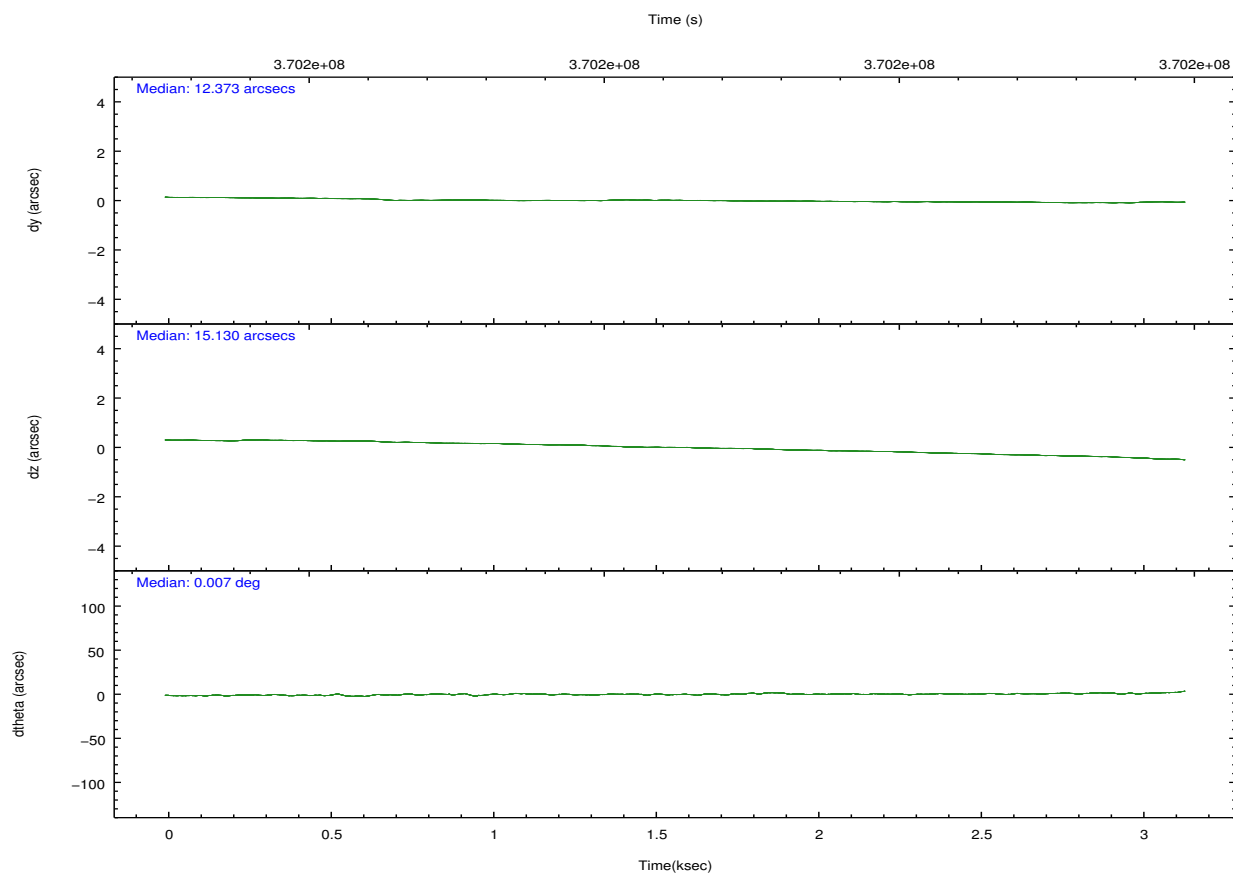
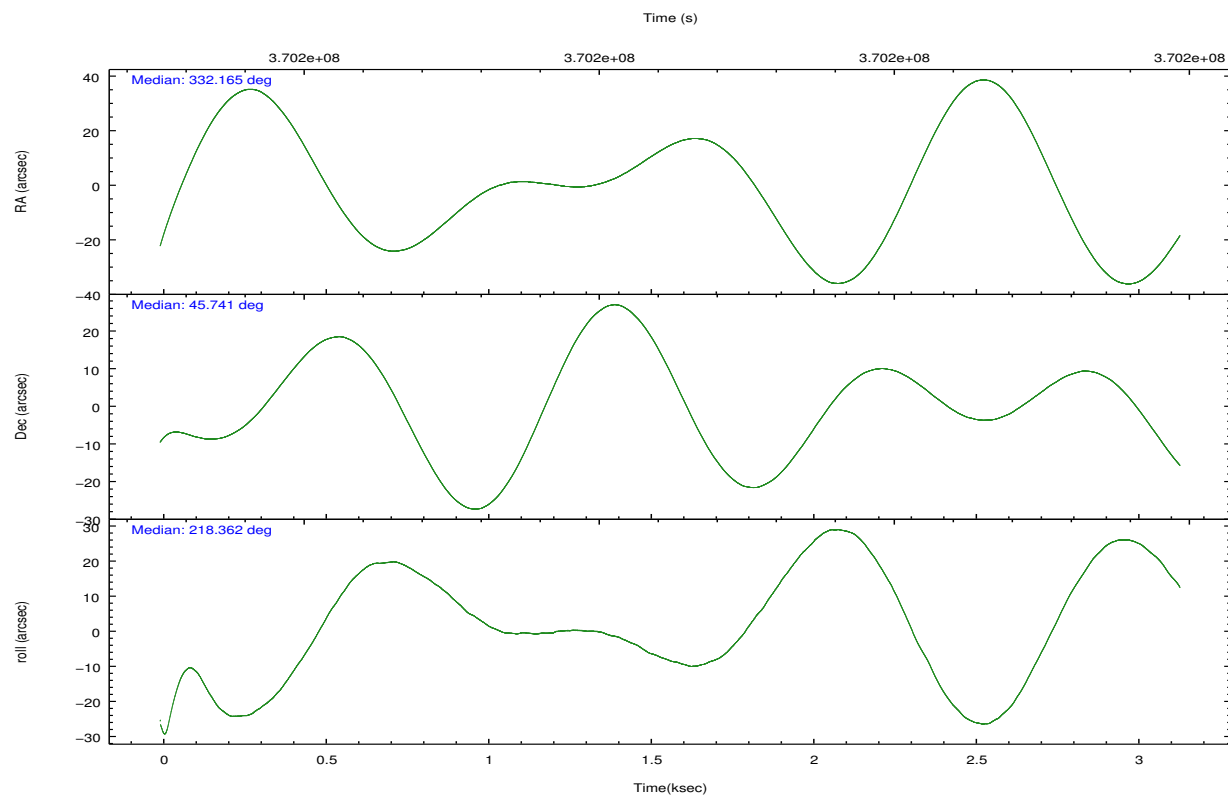
	segment 0
level 1 events	487257
rejected events	126415
rejected %	25%

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	332.177743	332.1643856166893			
[deg] Pointing Dec	45.766595	45.7411308171832			
[deg] Pointing Roll	218.450137	218.364061653226			
[s] Window start time (MET)	365472066.184000	365472066.184000			
[s] Window stop time (MET)	373334466.184000	373334466.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	370196799.184000	370195672.82097			
Observation start date	2009-09-24T16:25:33	2009-09-24T16:07:52			
[s] Observation end time (MET)	370199799.184000	370199933.23368			
Observation end date	2009-09-24T17:15:33	2009-09-24T17:18:53			

2.3 Aspect



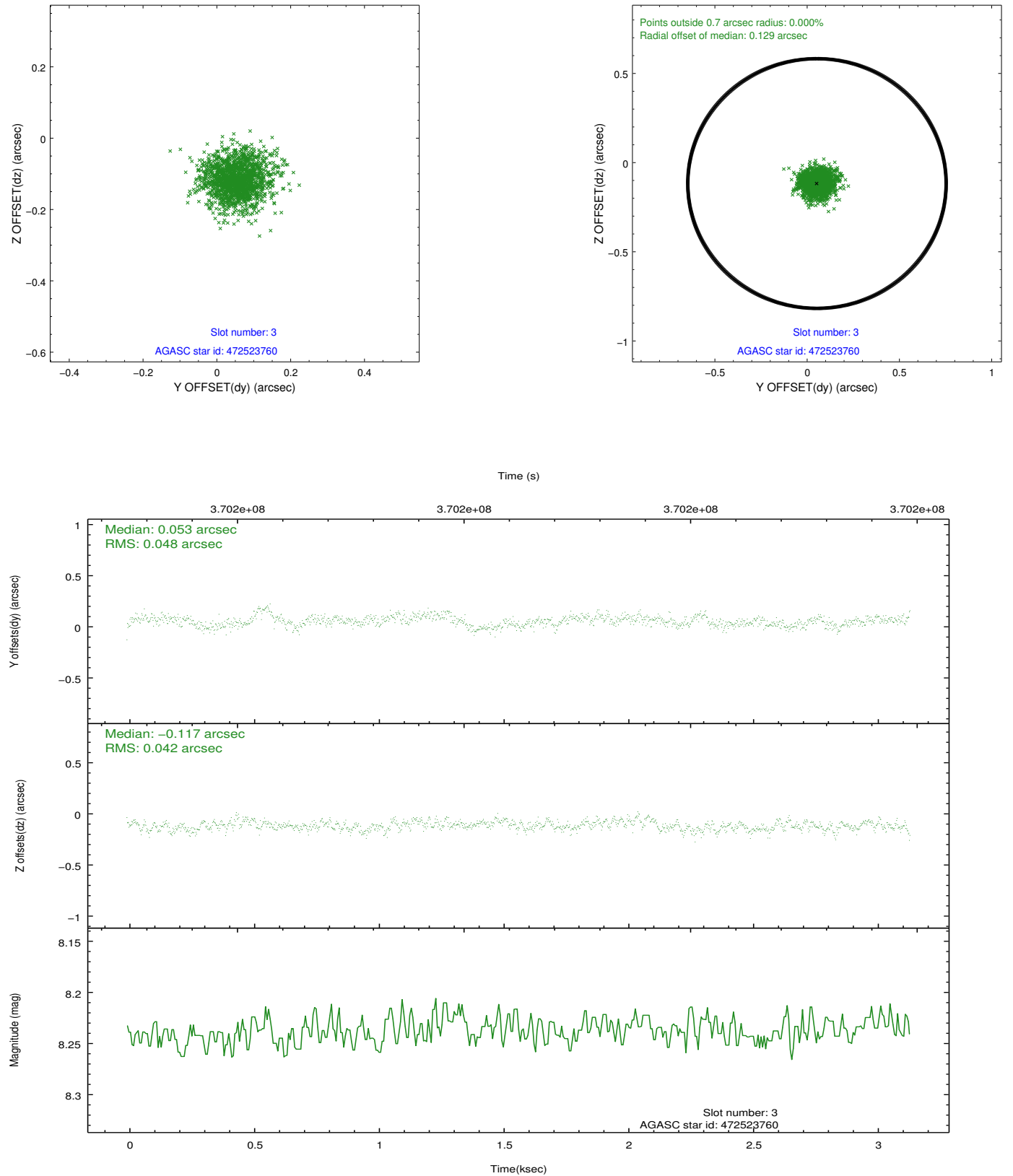


Slot Statistics

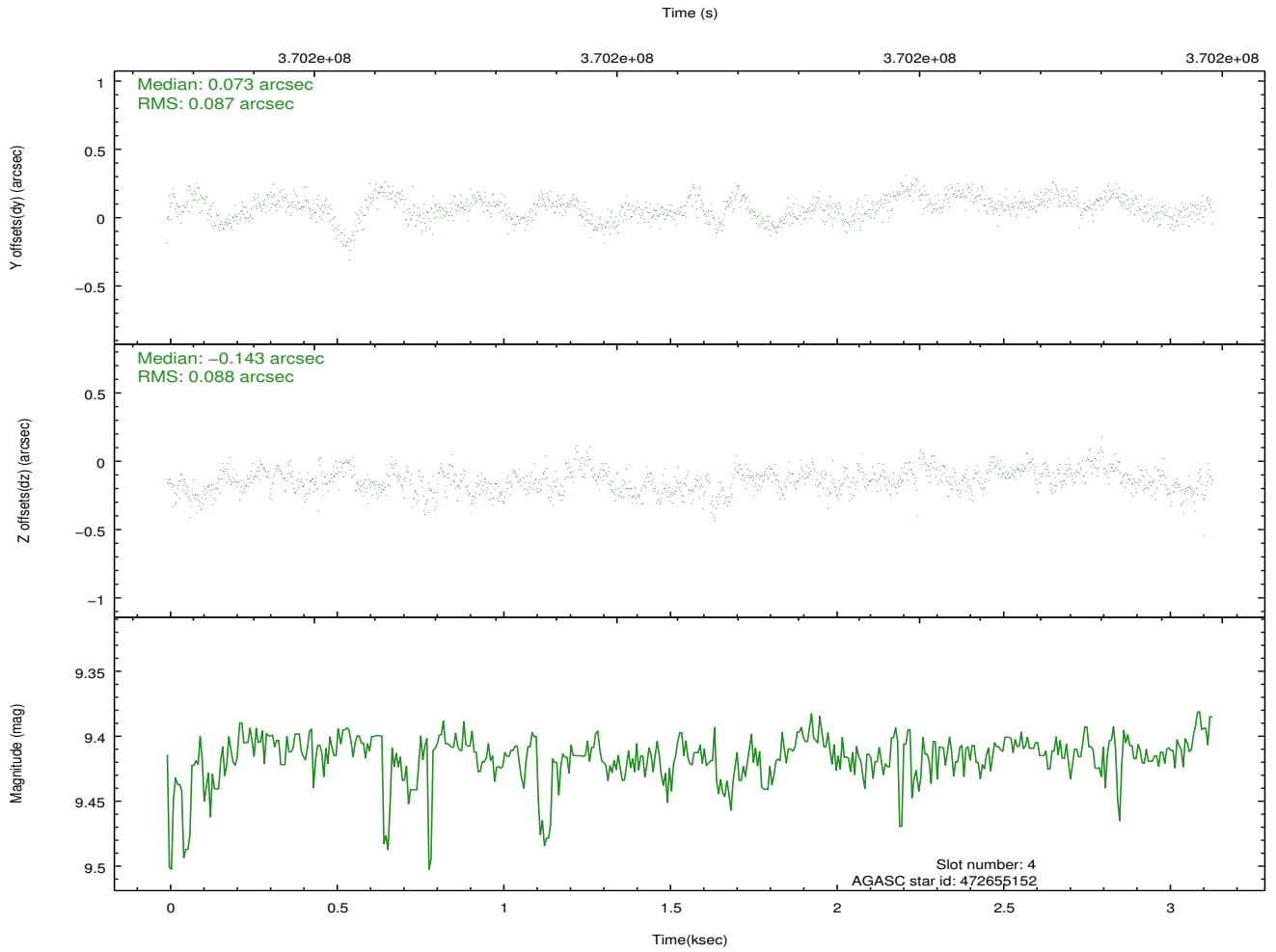
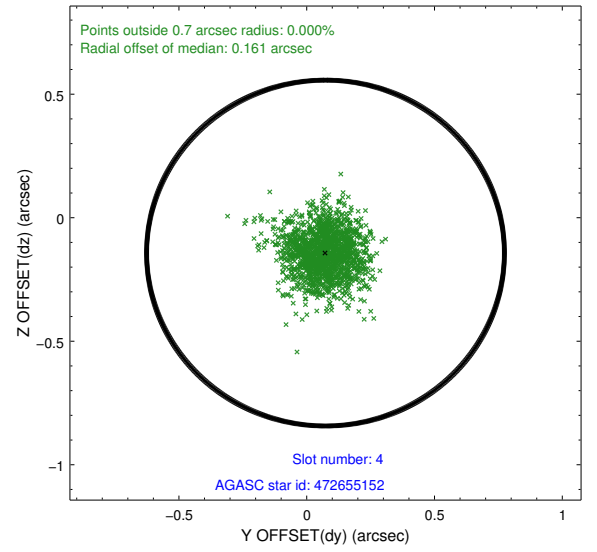
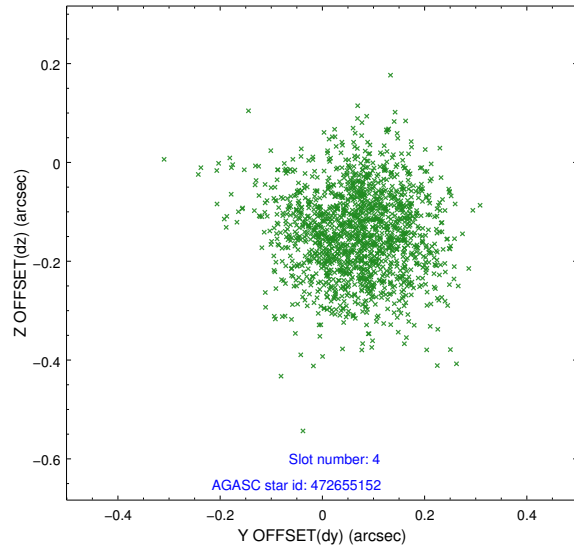
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	766	-0.090	0.005	0.009	0.020	0.000000	0.000000	-768.15	-1303.16
1	FID	HRC-I-2	7.01	765	0.219	-0.094	0.008	0.015	0.000000	0.000000	843.78	-1306.48
2	FID	HRC-I-3	7.06	766	-0.010	-0.000	0.009	0.018	0.000000	0.000000	-1195.52	999.69
3	GUIDE	472523760	8.24	1532	0.053	-0.117	0.067	0.112	331.645363	45.403260	1865.38	184.18
4	GUIDE	472655152	9.41	1527	0.073	-0.143	0.131	0.212	332.504239	45.862991	-855.76	236.14
5	GUIDE	472665256	9.02	1531	0.126	0.149	0.073	0.119	332.808125	46.195041	-2192.82	-235.60
6	GUIDE	472533912	9.14	1526	0.061	0.042	0.131	0.203	331.791136	46.368695	-597.75	-2296.49
7	GUIDE	472525528	6.64	1531	-0.309	0.069	0.076	0.124	331.551102	45.248694	2399.44	466.49

2.4 Star Slots

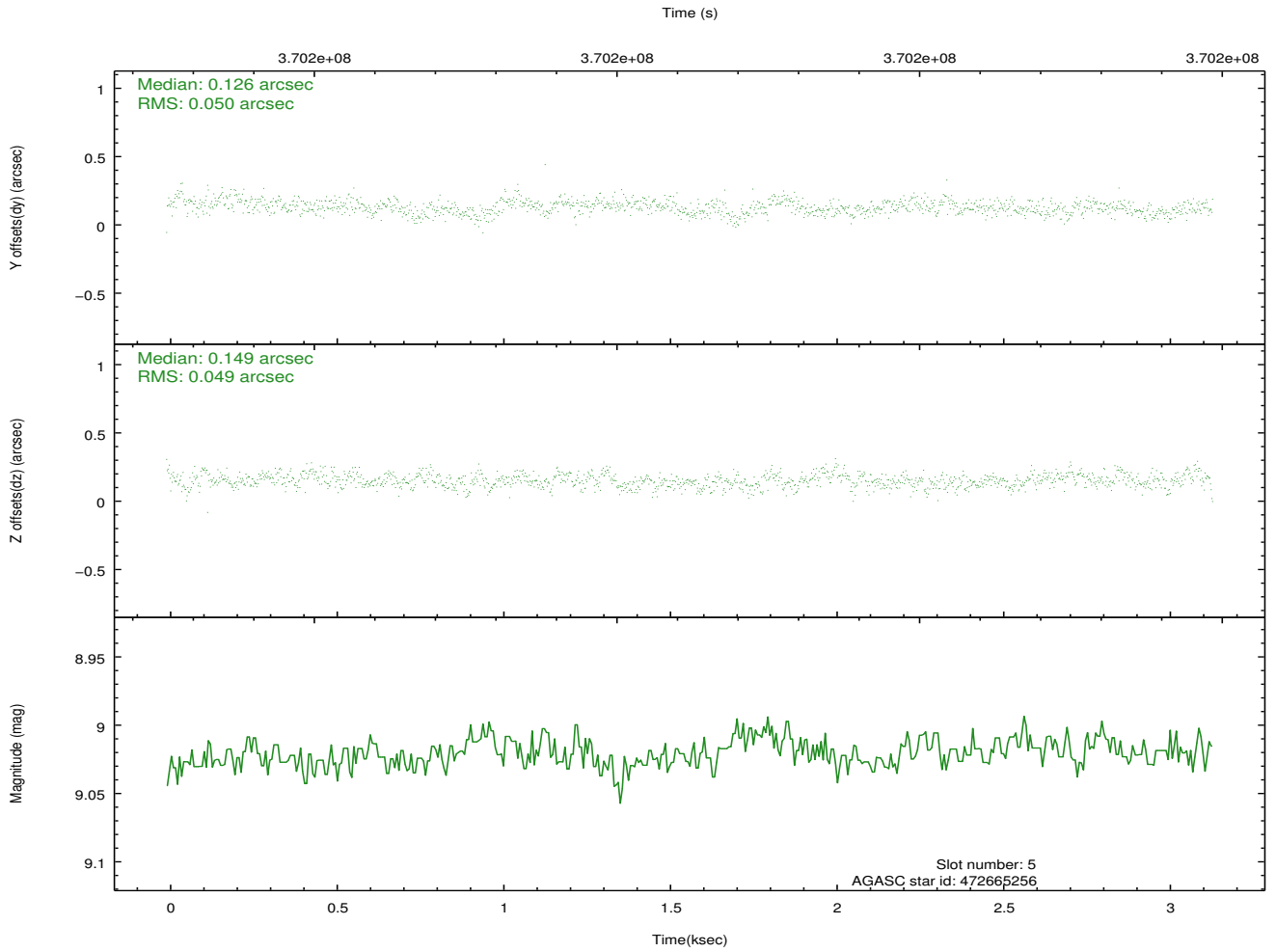
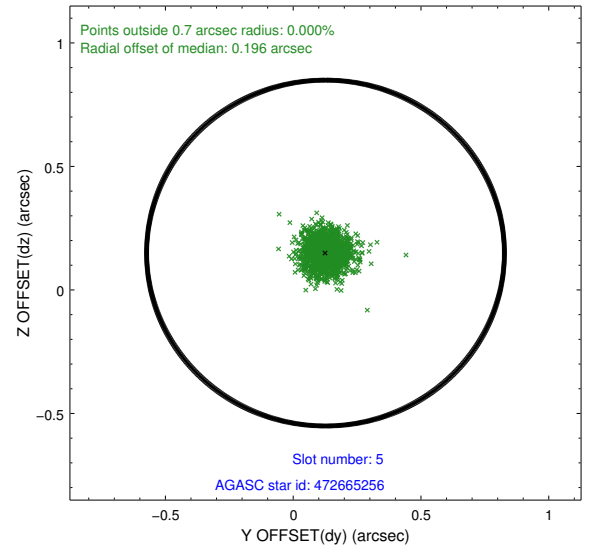
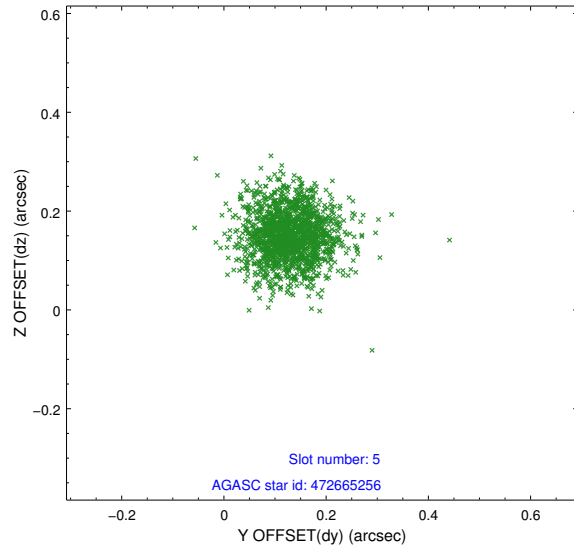
2.4.1 Slot 3



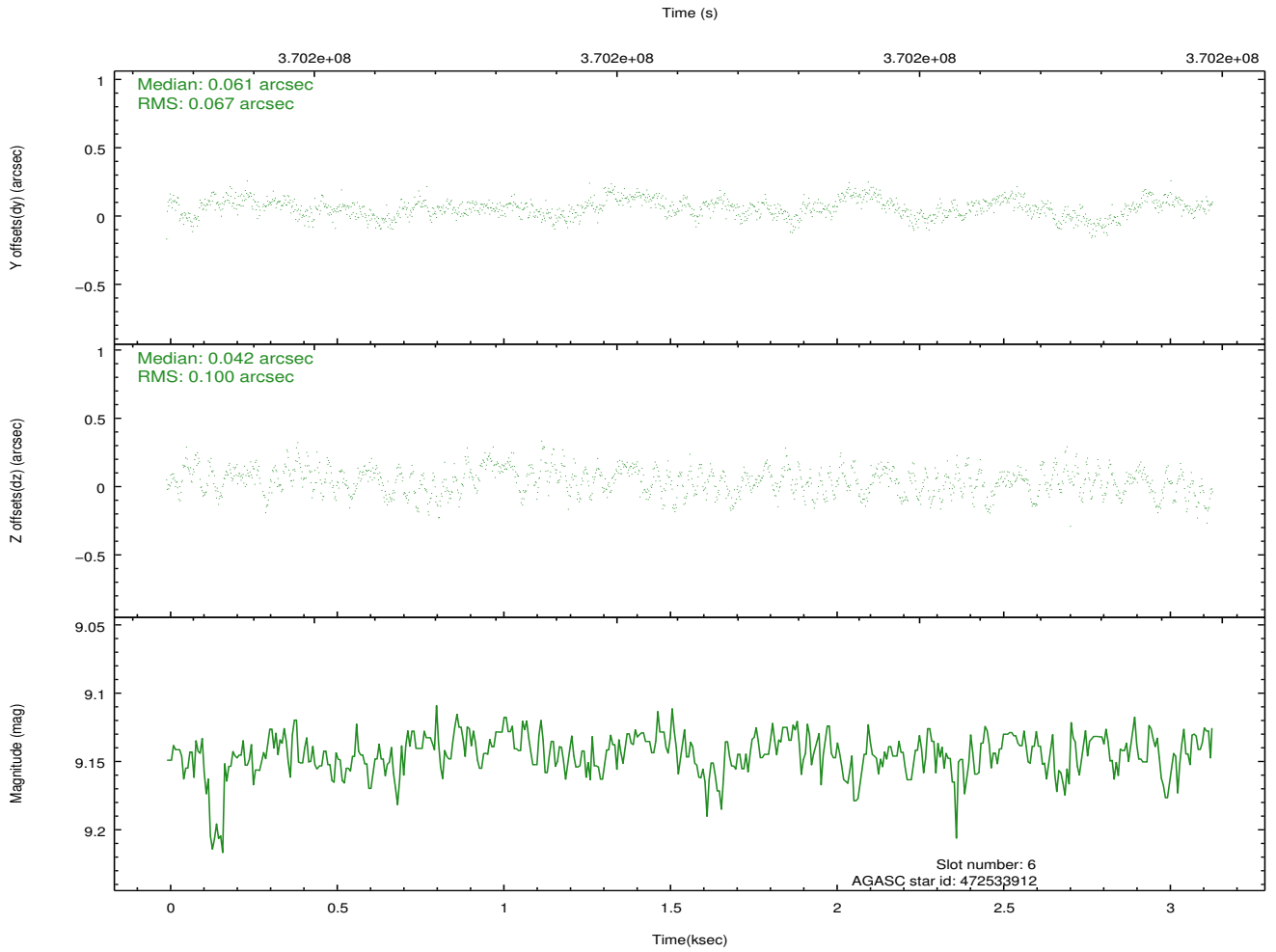
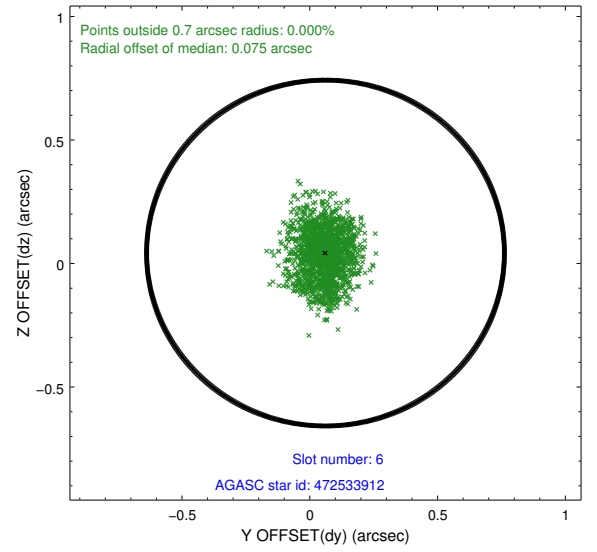
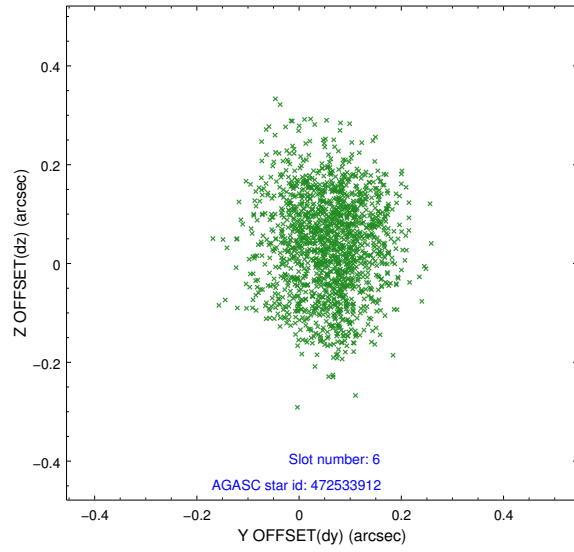
2.4.2 Slot 4



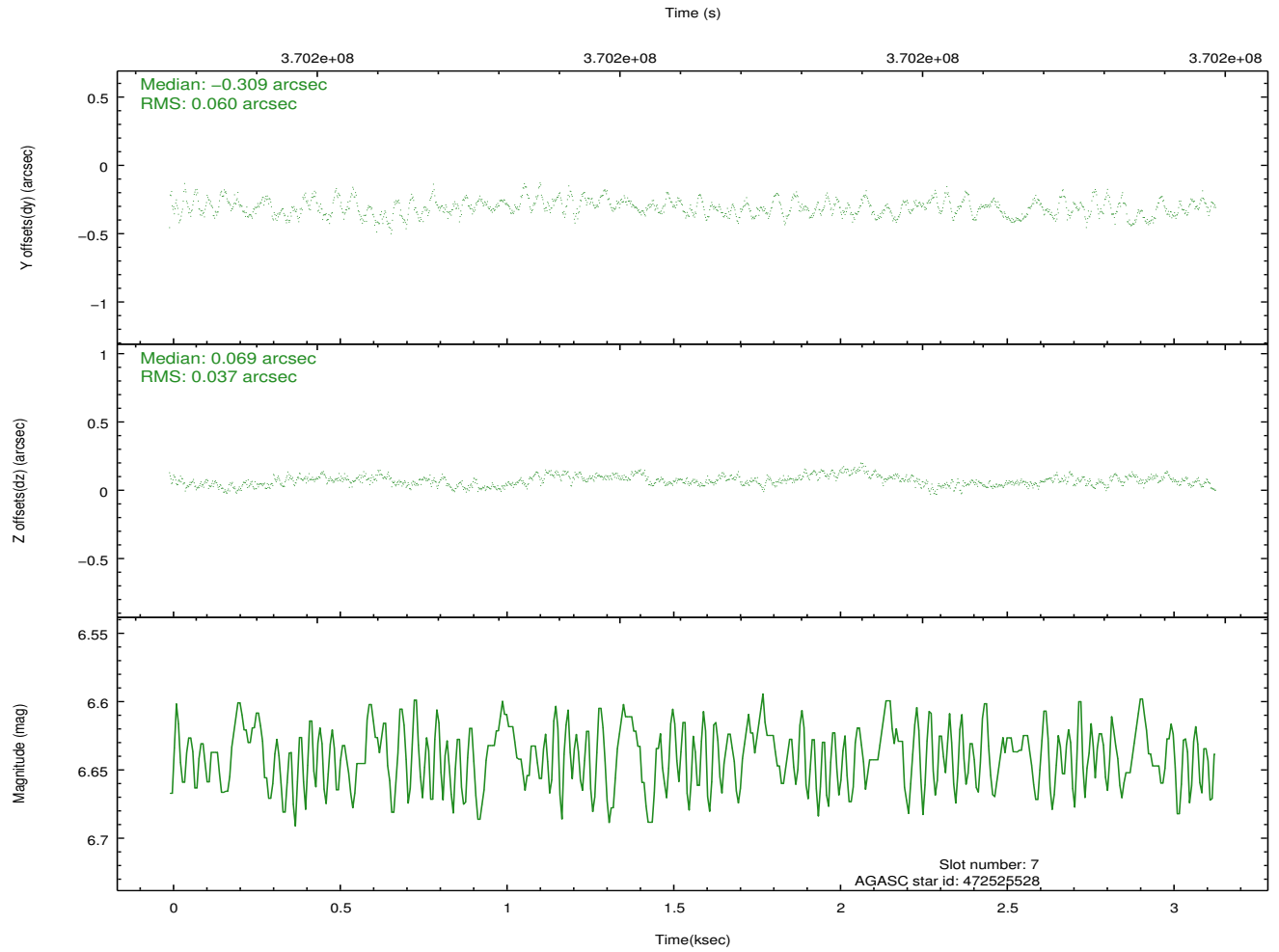
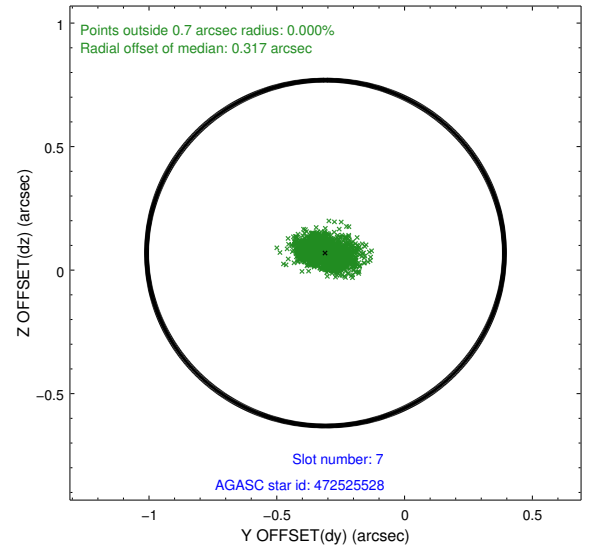
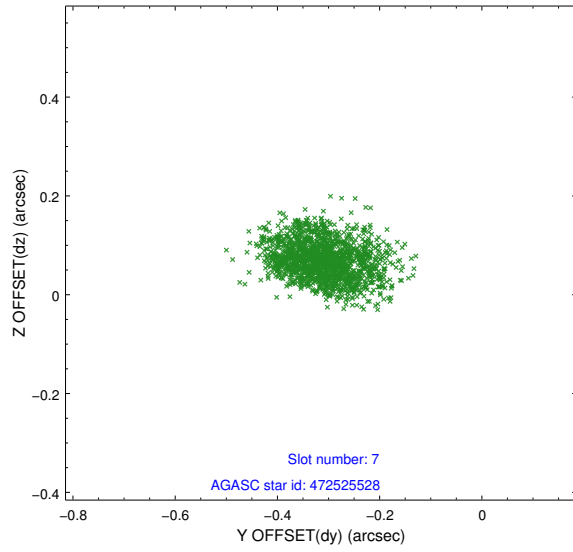
2.4.3 Slot 5



2.4.4 Slot 6

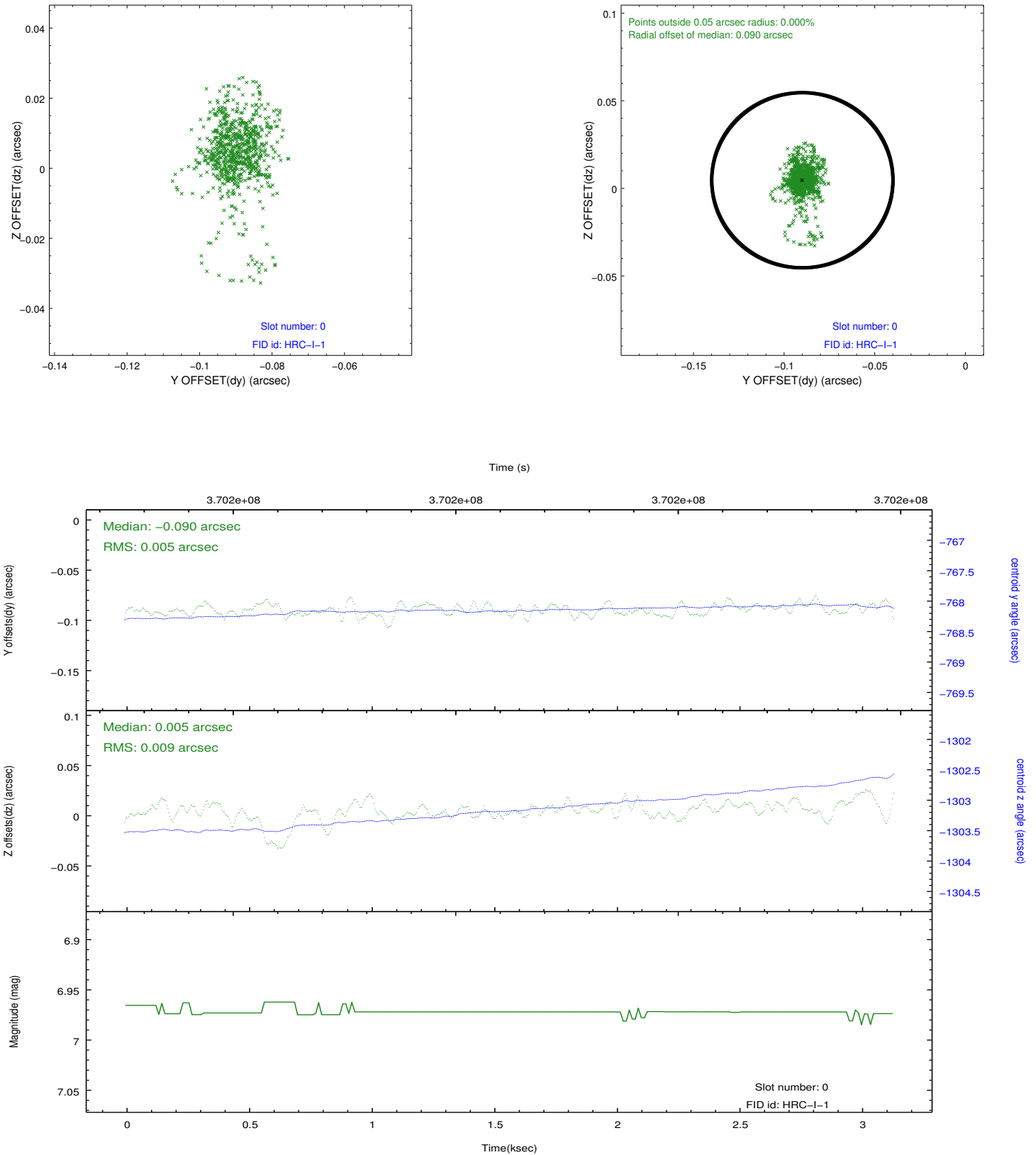


2.4.5 Slot 7

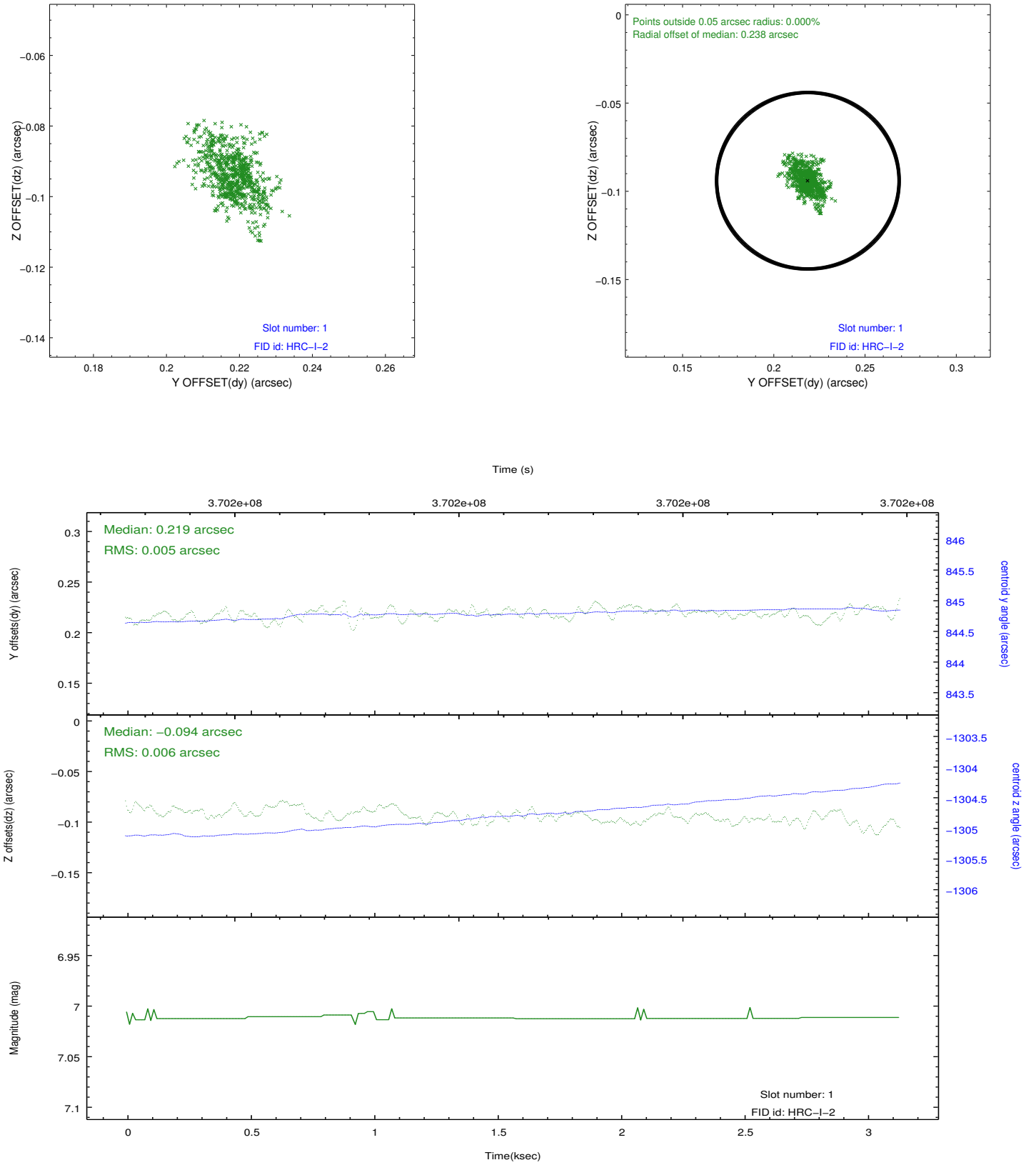


2.5 FID Slots

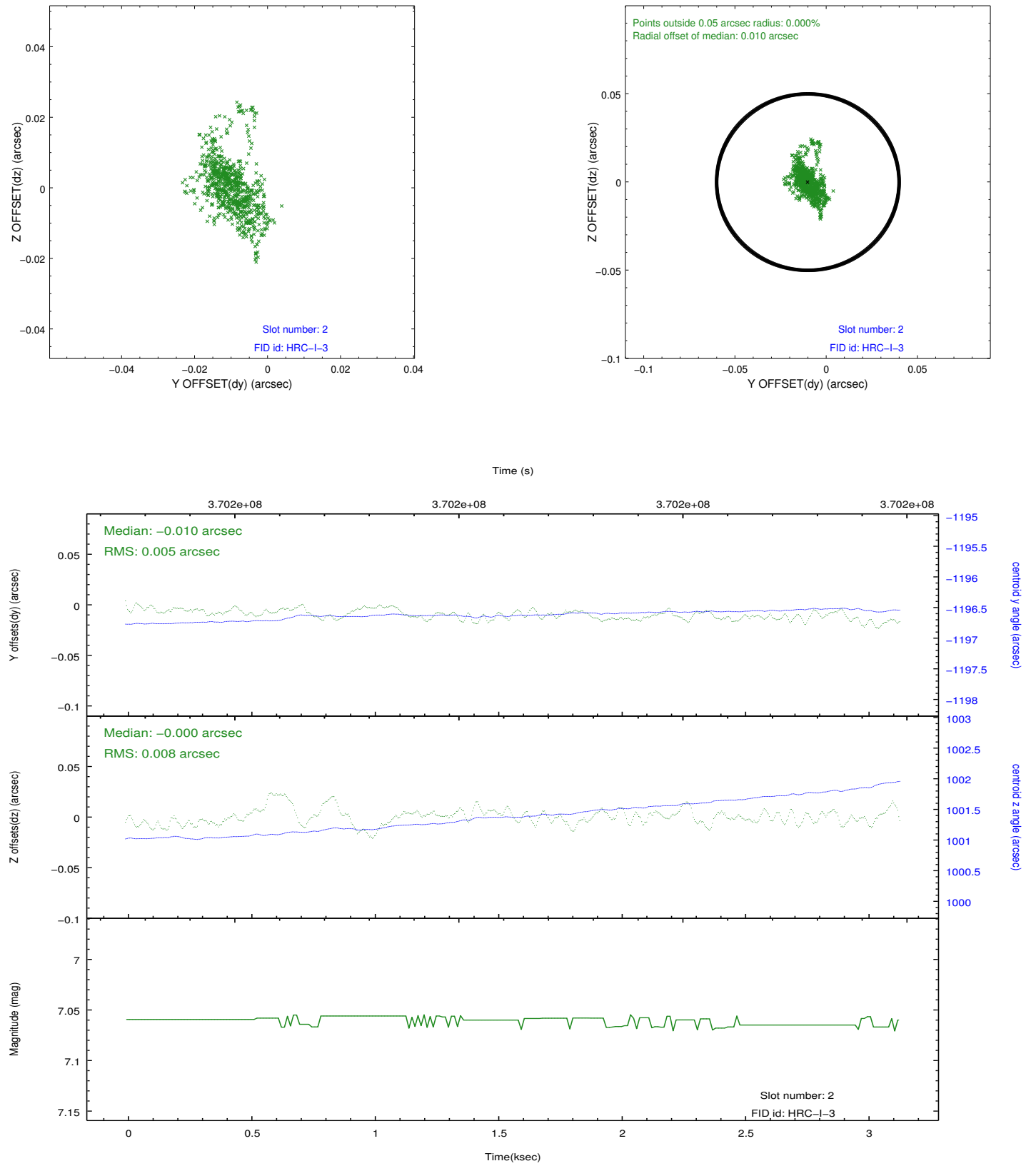
2.5.1 Slot 0



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)	2012.08.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.1377814075351

A.2 Comments

Window preference met.