

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2891 - L2 Version 4
Chandra X-Ray Center

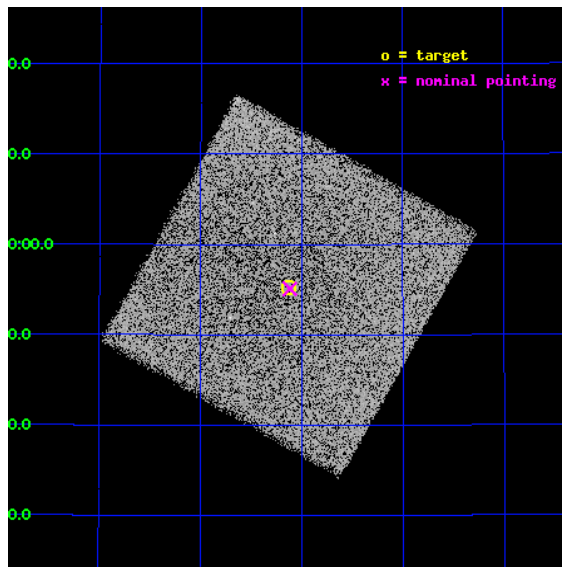
L2 Processing Date : Sep 28 2012

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1 Front

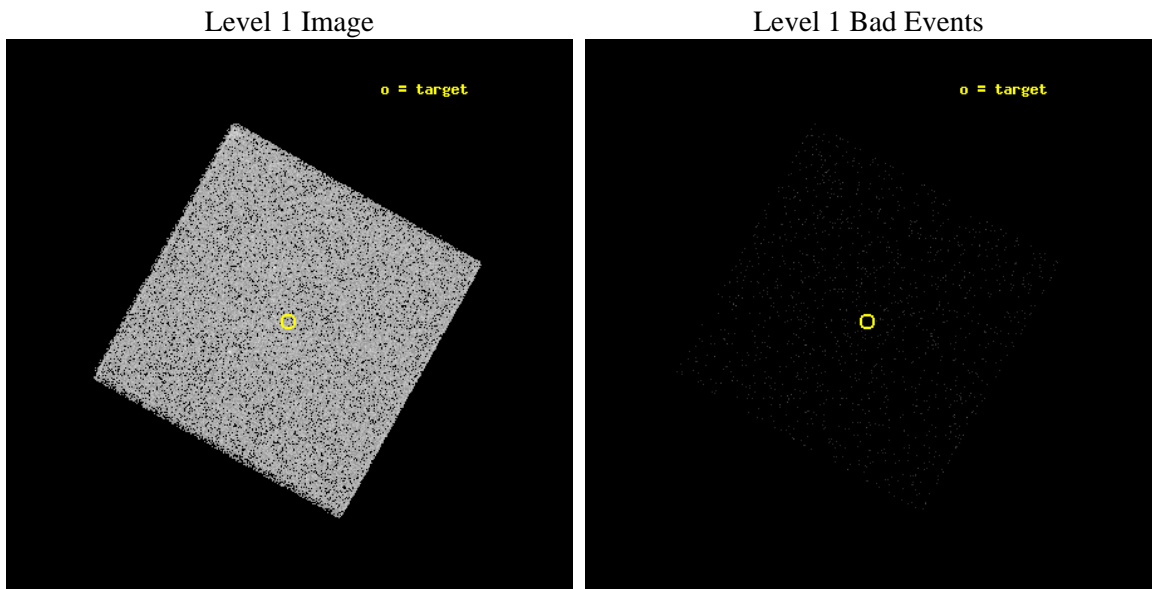
seq_num	600228	Sequence number
obs_id	2891	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-S1	Source name
ra_targ	10.532917	Observer's specified target RA [deg]
dec_targ	40.921	Observer's specified target Dec [deg]
ra_nom	10.528768196021	Nominal RA [deg]
dec_nom	40.918229735117	Nominal Dec [deg]
roll_nom	254.36476821039	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1184.131297335	[s]
livetime	1173.7932447298	Ontime multiplied by DTCOR
l2events	67626	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	1184.131297335	[s]
caldbver	4.5.2	 	l1events	136066	Number of level 1 events
date	2012-09-28T03:44:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

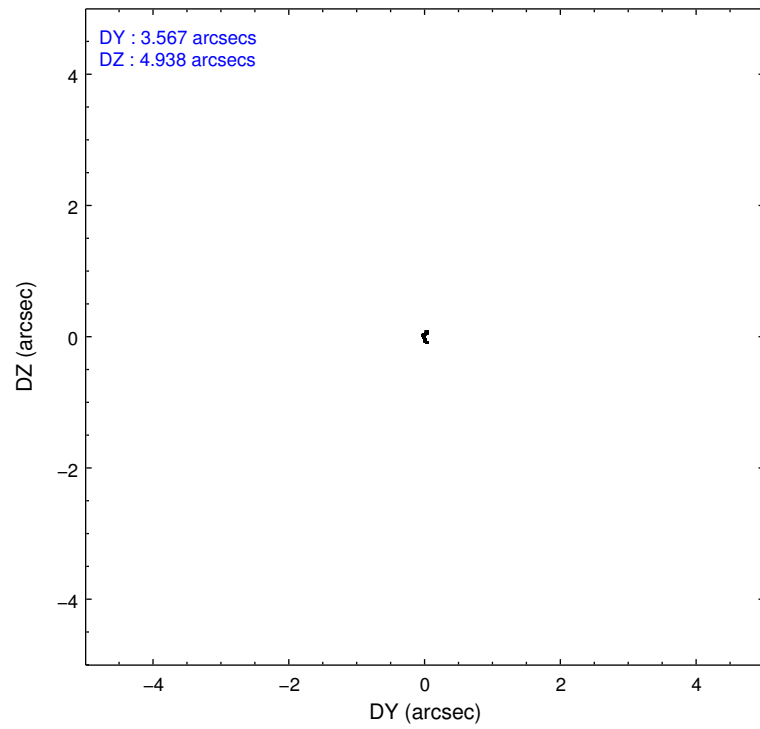
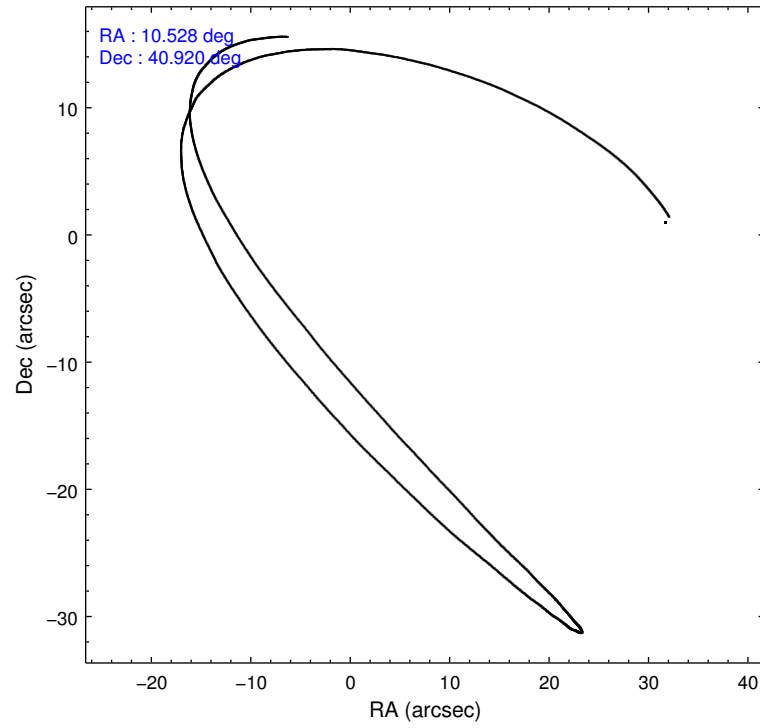
Level 1 Events

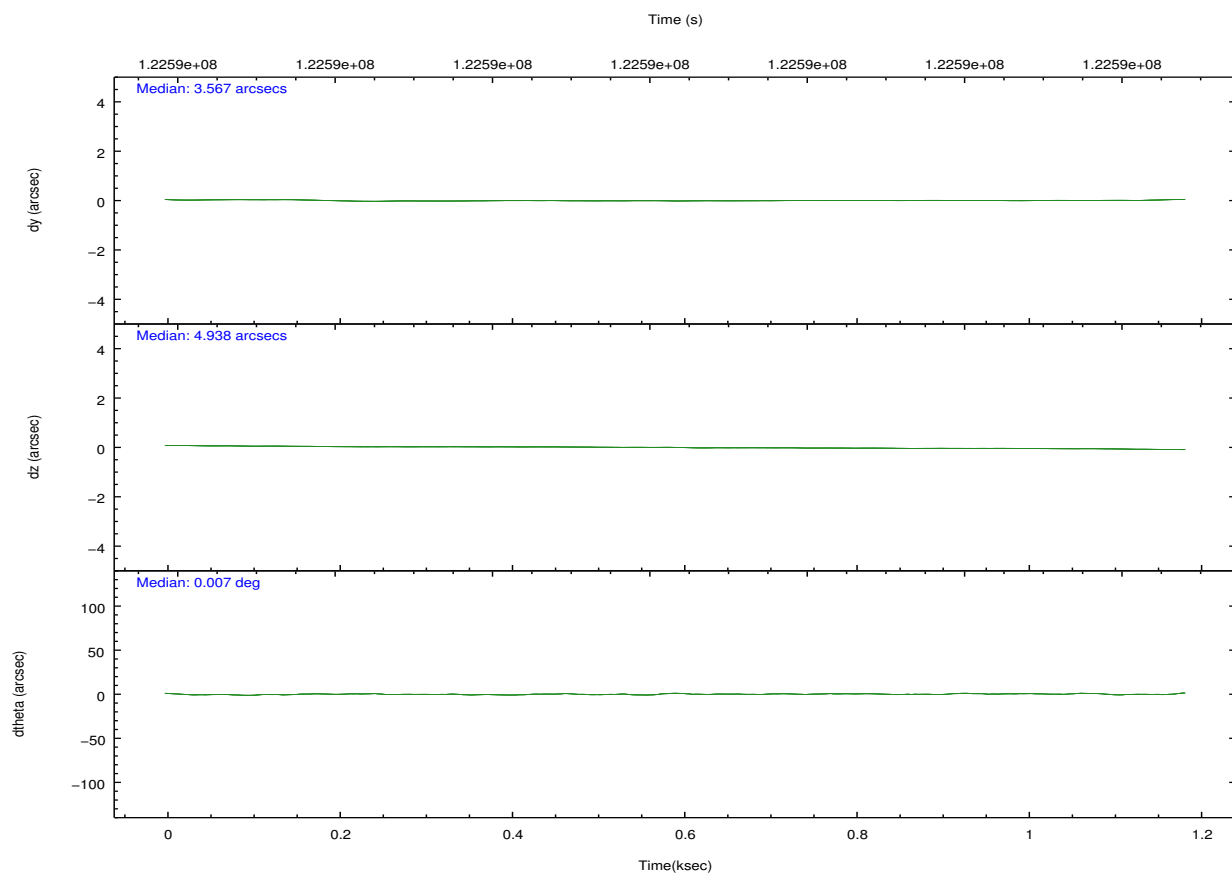
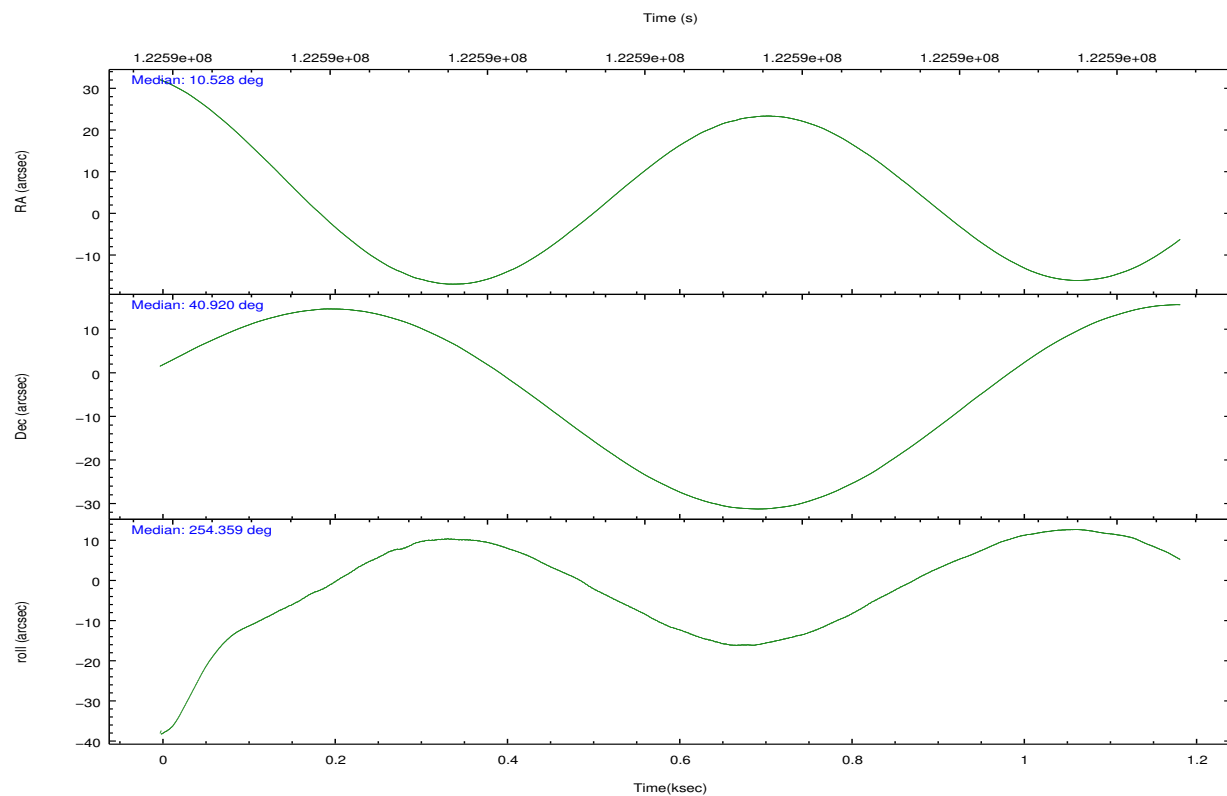
	segment 0
level 1 events	136066
rejected events	29447
rejected %	21%

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	10.519791	10.52876819602127			
[deg] Pointing Dec	40.943815	40.91822973511651			
[deg] Pointing Roll	254.466180	254.36476821039			
[s] Window start time (MET)	122515264.184000	122515264.184000			
[s] Window stop time (MET)	123120064.184000	123120064.184000			
[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)	122589821.184000	122589444.71602			
Observation start date	2001-11-19T20:42:37	2001-11-19T20:37:24			
[s] Observation end time (MET)	122590821.184000	122590955.05358			
Observation end date	2001-11-19T20:59:17	2001-11-19T21:02:35			

2.3 Aspect



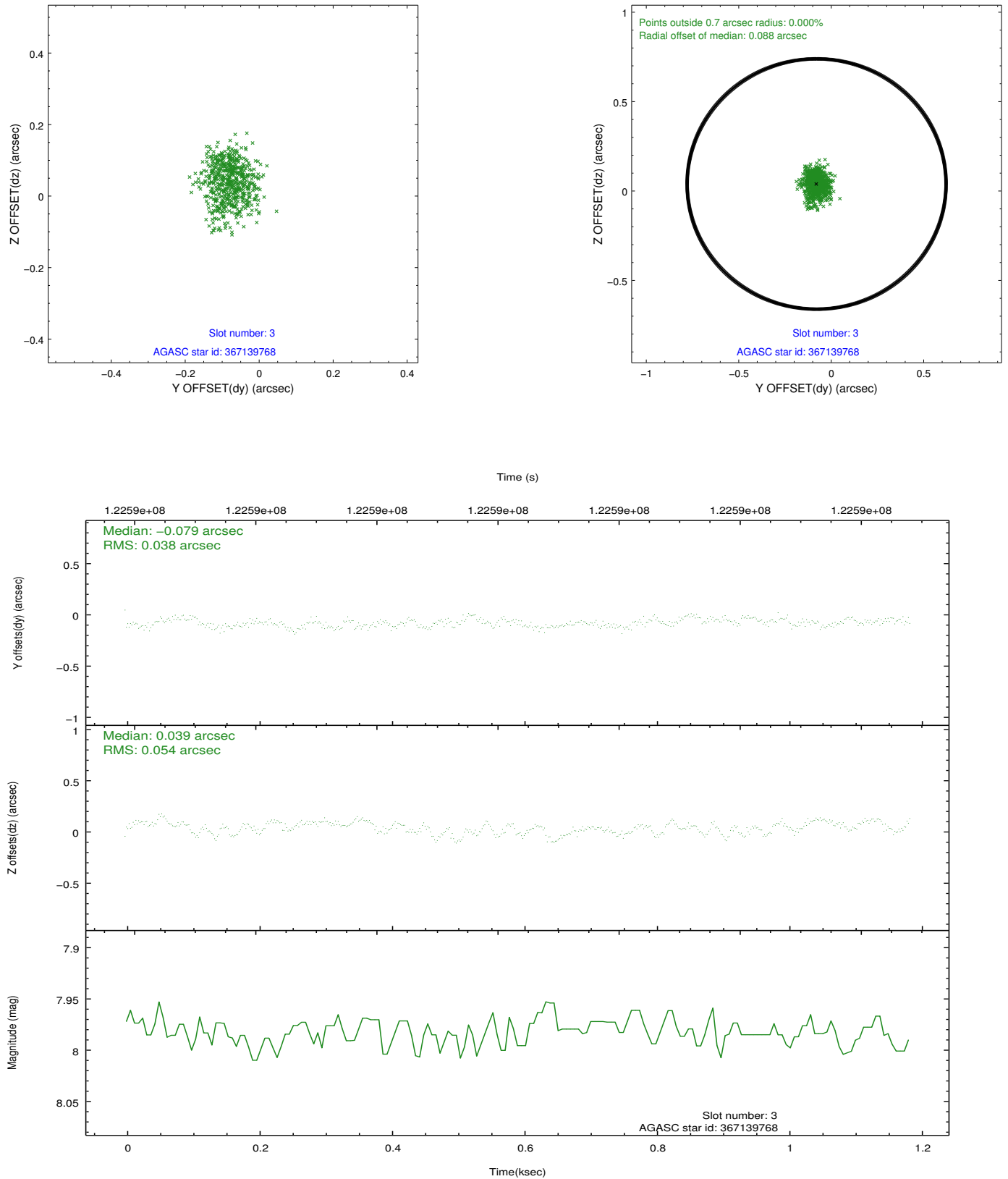


Slot Statistics

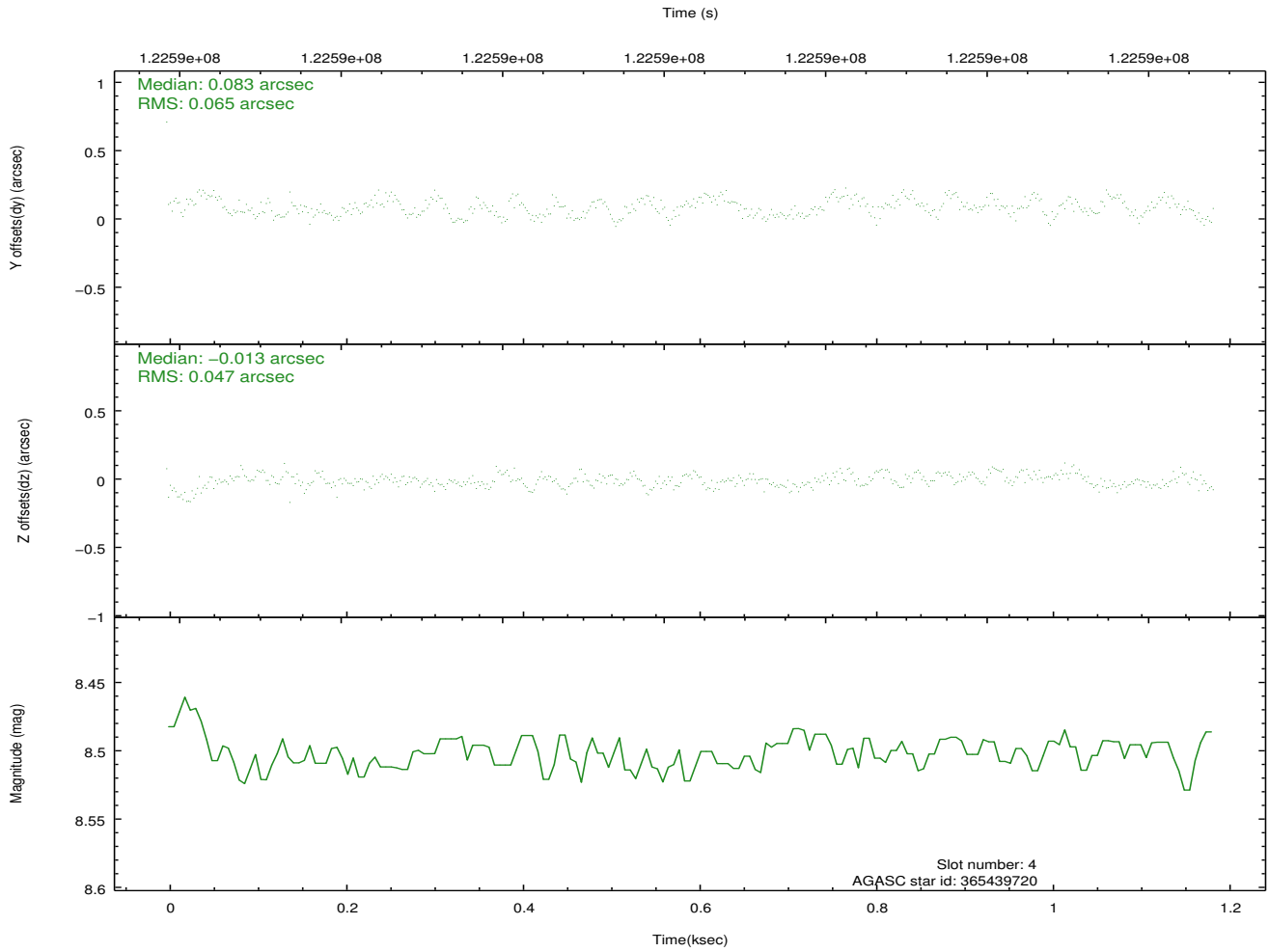
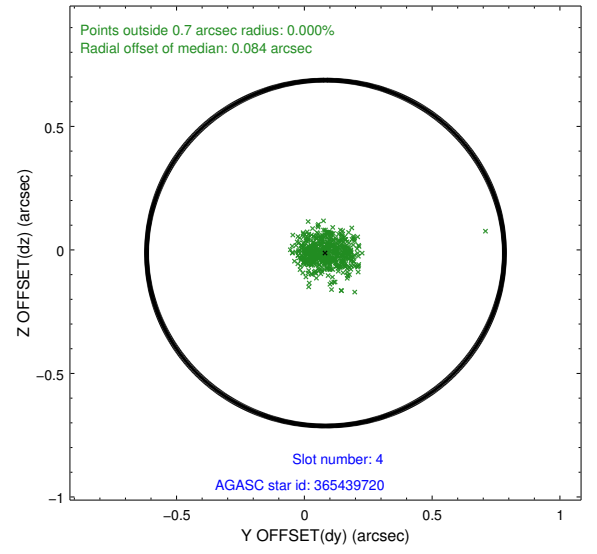
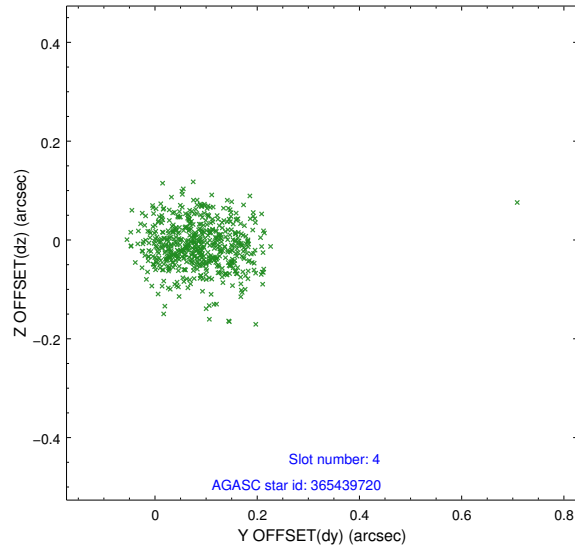
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	0.011	0.065	0.006	0.010	0.000000	0.000000	-759.01	-1292.67
1	FID	HRC-I-2	7.00	289	0.074	-0.056	0.005	0.010	0.000000	0.000000	851.05	-1298.80
2	FID	HRC-I-3	7.04	289	0.035	-0.099	0.005	0.010	0.000000	0.000000	-1184.59	1007.22
3	GUIDE	367139768	7.98	579	-0.079	0.039	0.071	0.115	11.069715	40.685175	492.65	1696.80
4	GUIDE	365439720	8.50	579	0.083	-0.013	0.083	0.128	9.704623	40.431022	2370.35	-1655.29
5	GUIDE	367144424	8.65	579	-0.015	-0.042	0.060	0.101	10.464515	40.309136	2248.36	465.23
6	GUIDE	367146616	8.88	574	0.044	-0.037	0.086	0.139	11.418645	41.190163	-1512.44	2108.28
7	GUIDE	367658664	9.60	577	-0.038	0.070	0.103	0.167	10.374070	41.369746	-1372.50	-784.31

2.4 Star Slots

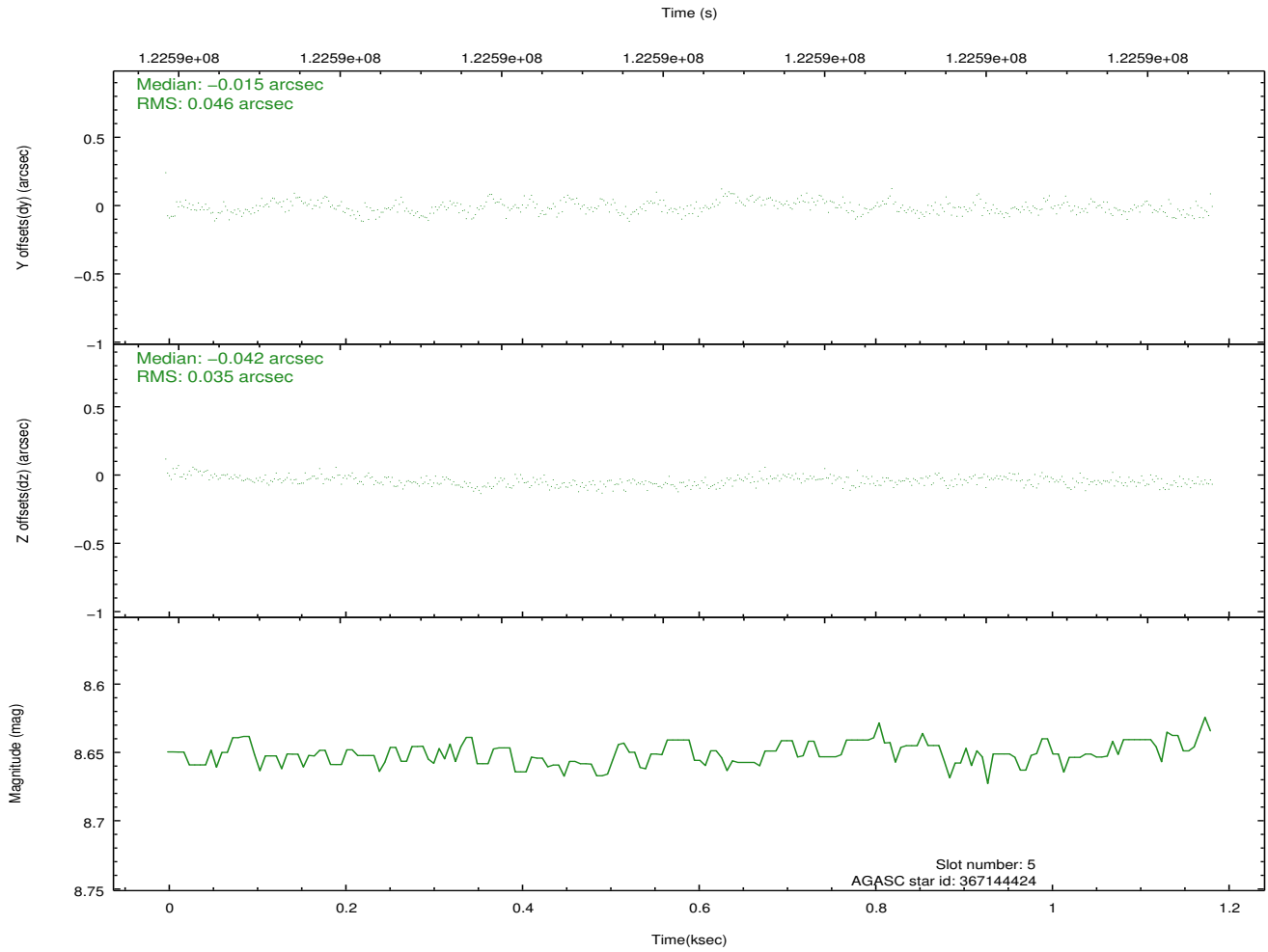
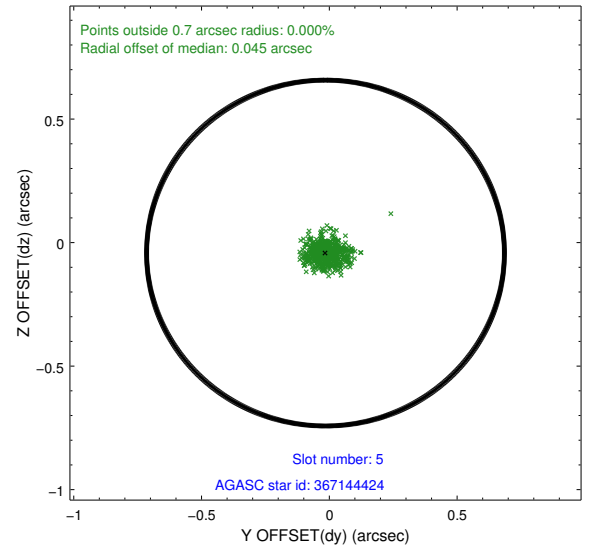
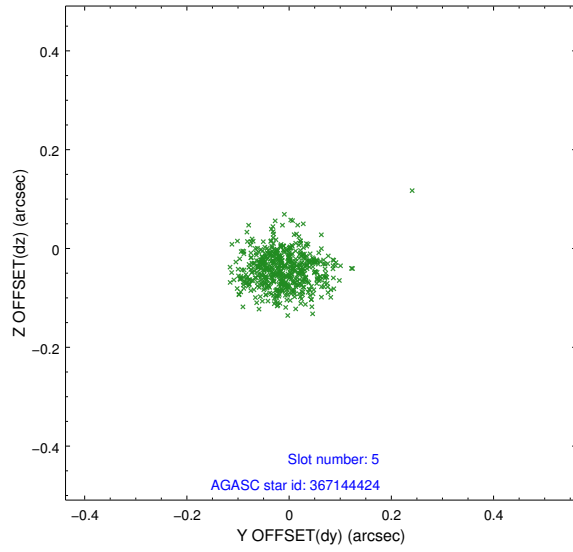
2.4.1 Slot 3



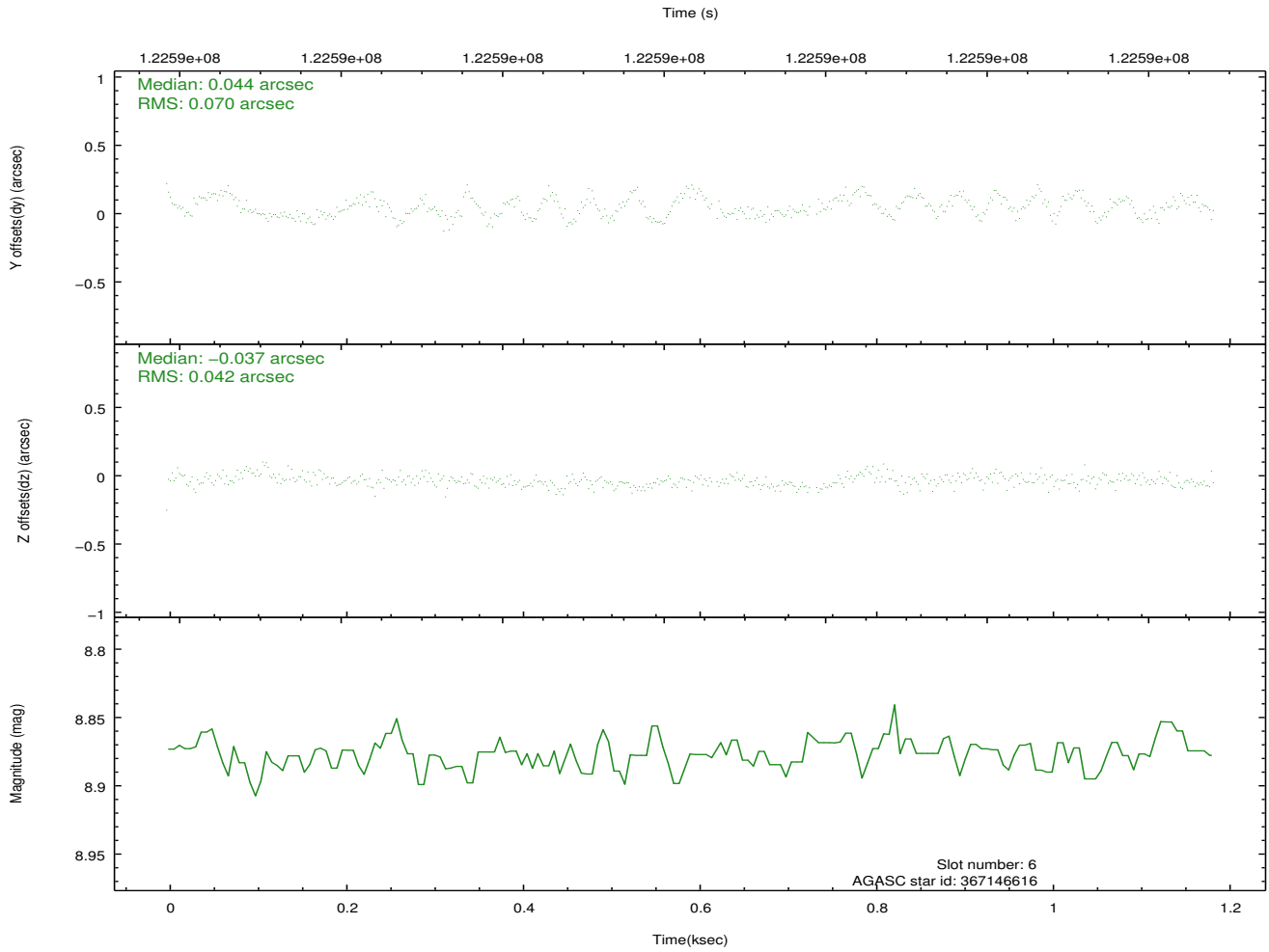
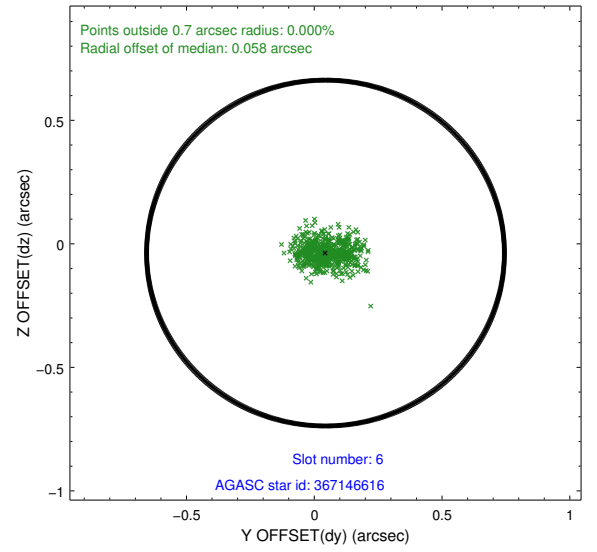
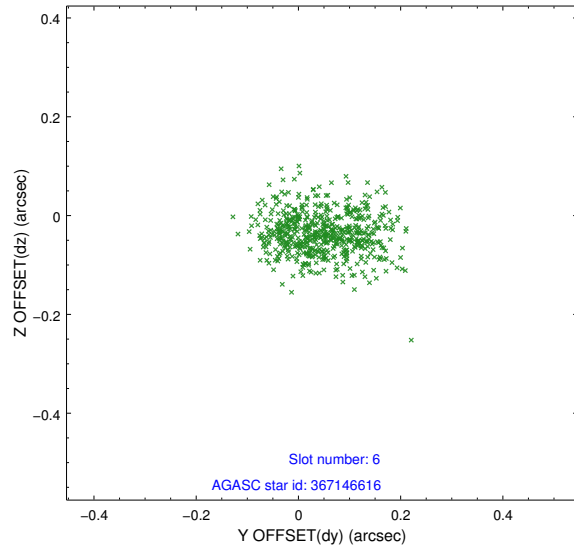
2.4.2 Slot 4



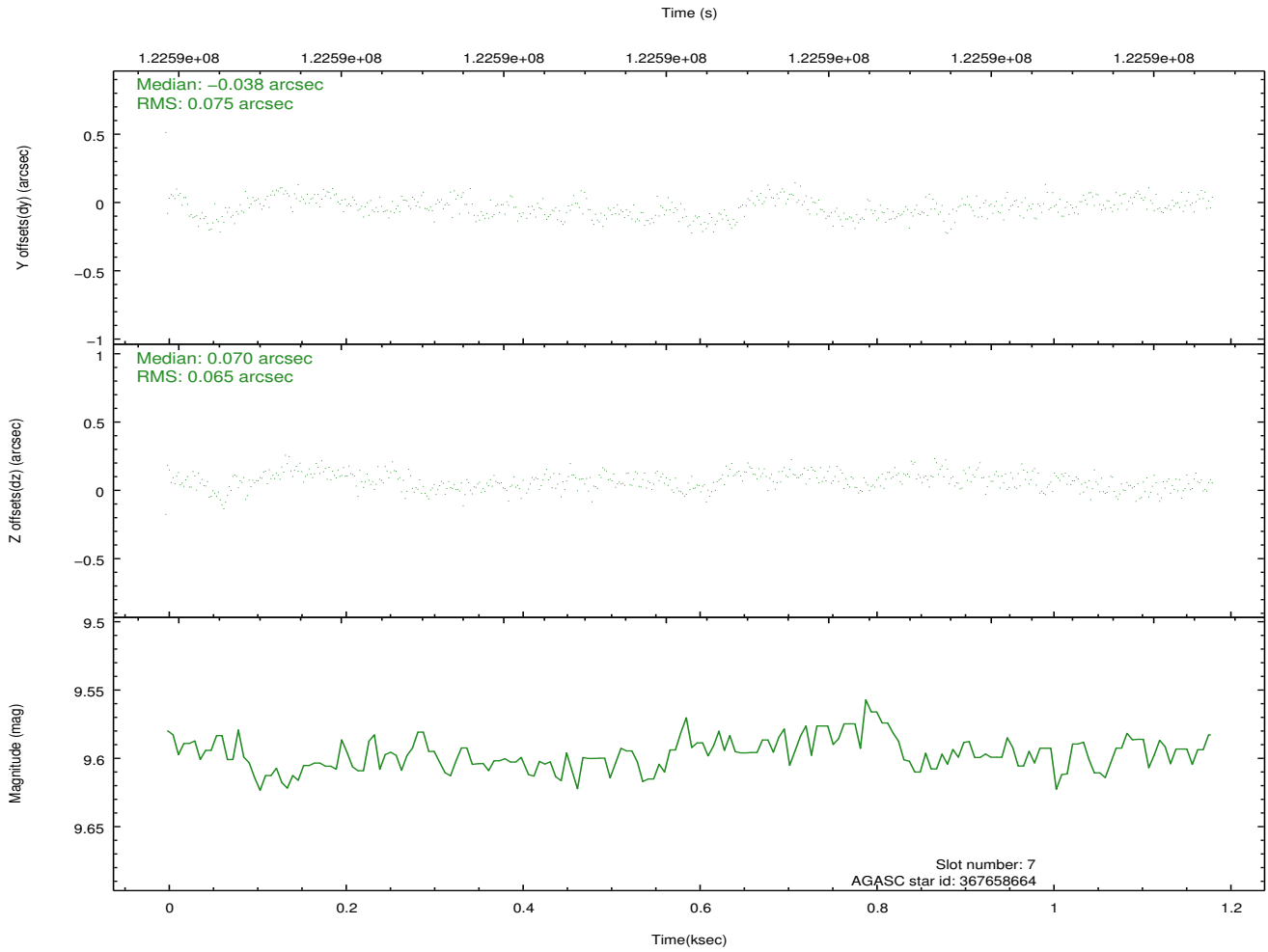
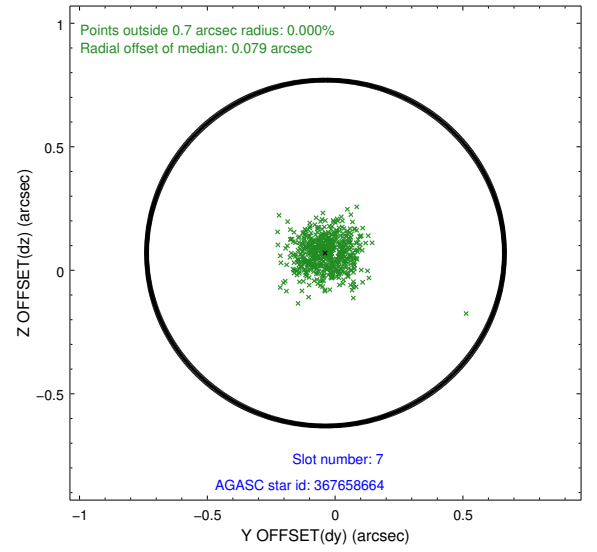
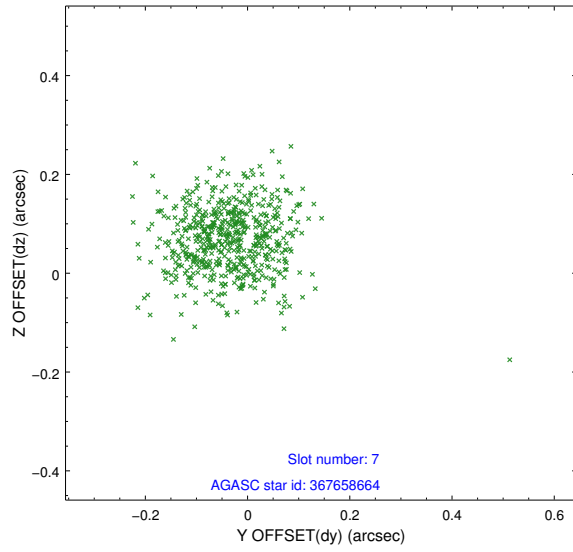
2.4.3 Slot 5



2.4.4 Slot 6

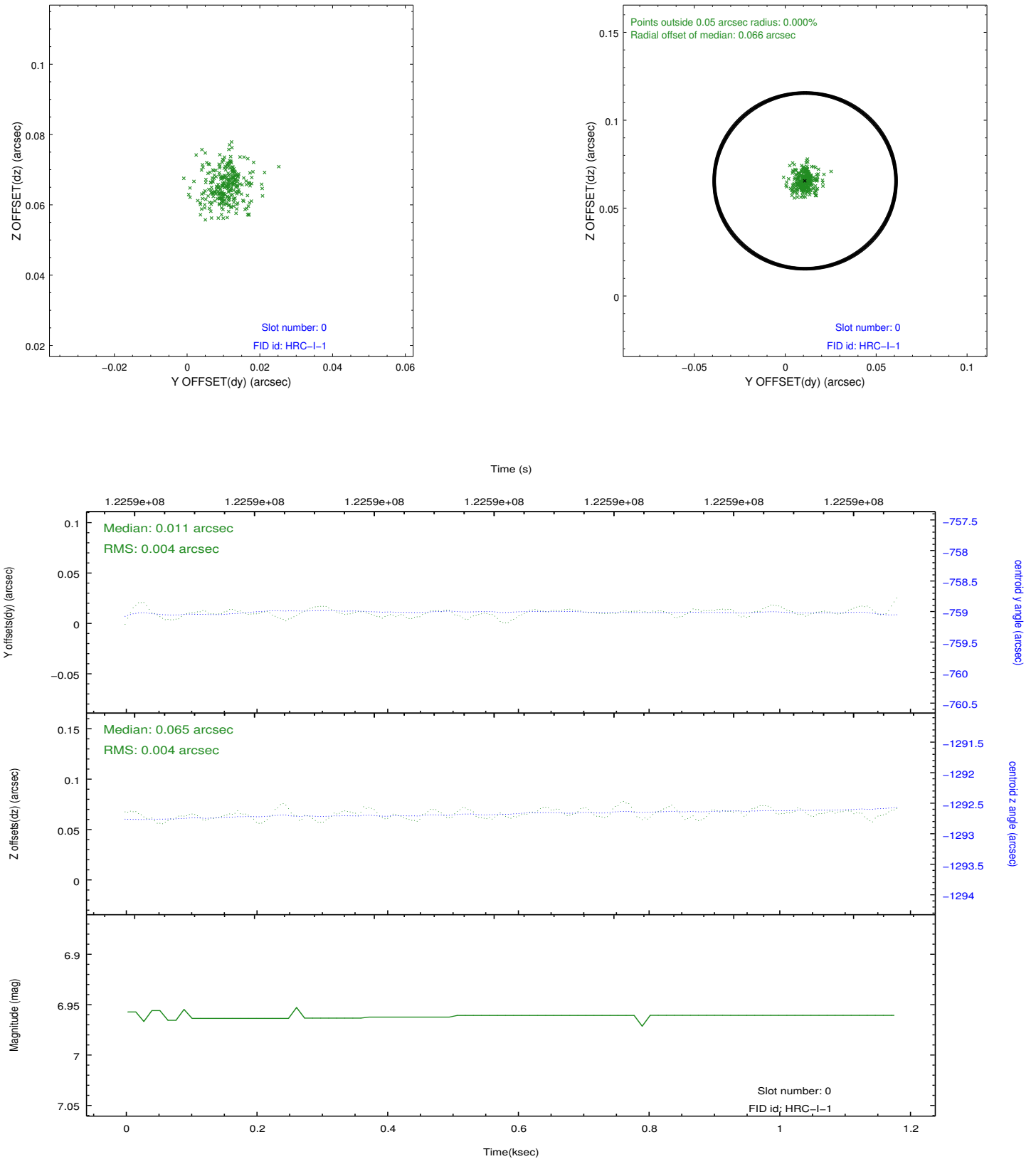


2.4.5 Slot 7

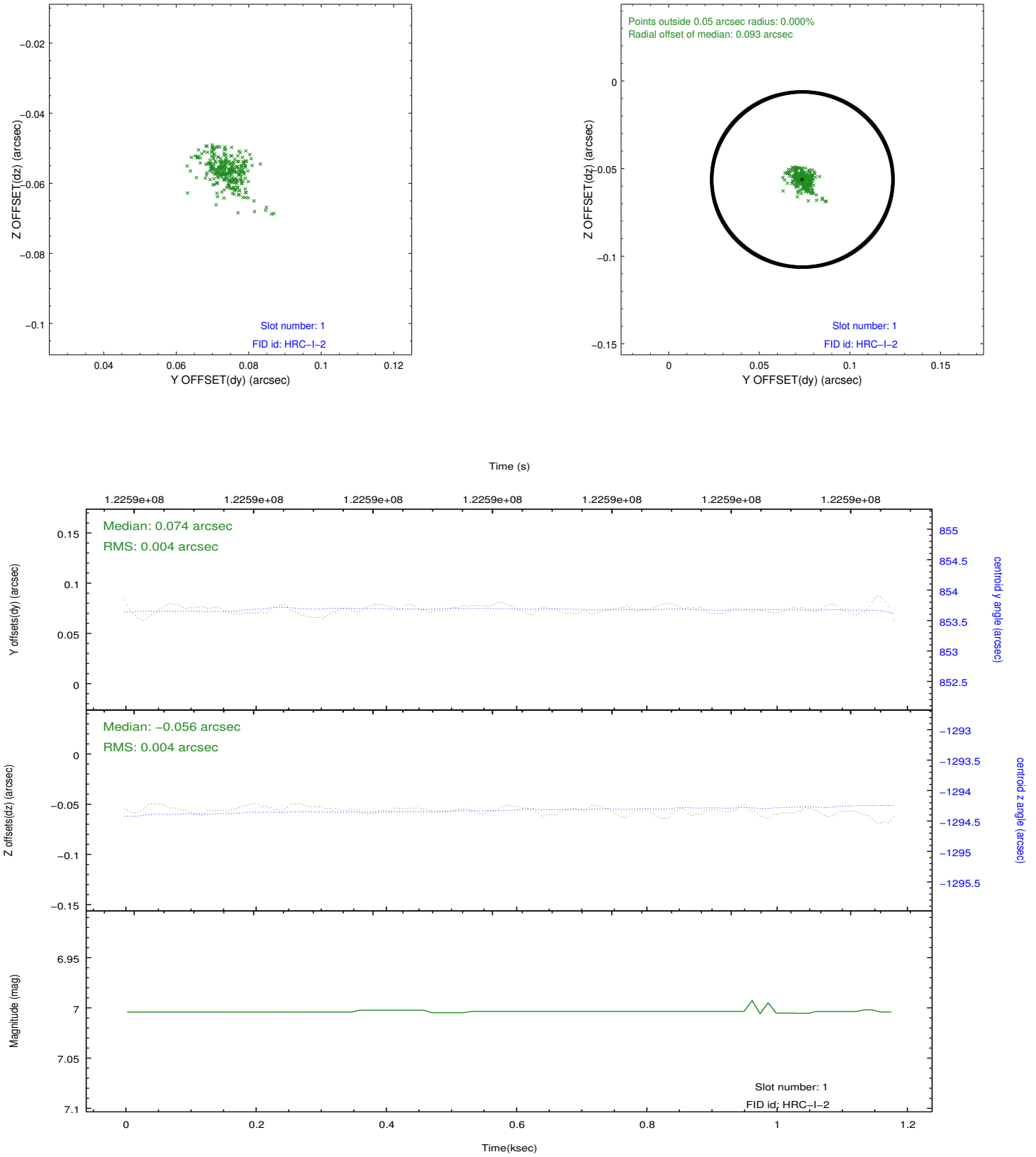


2.5 FID Slots

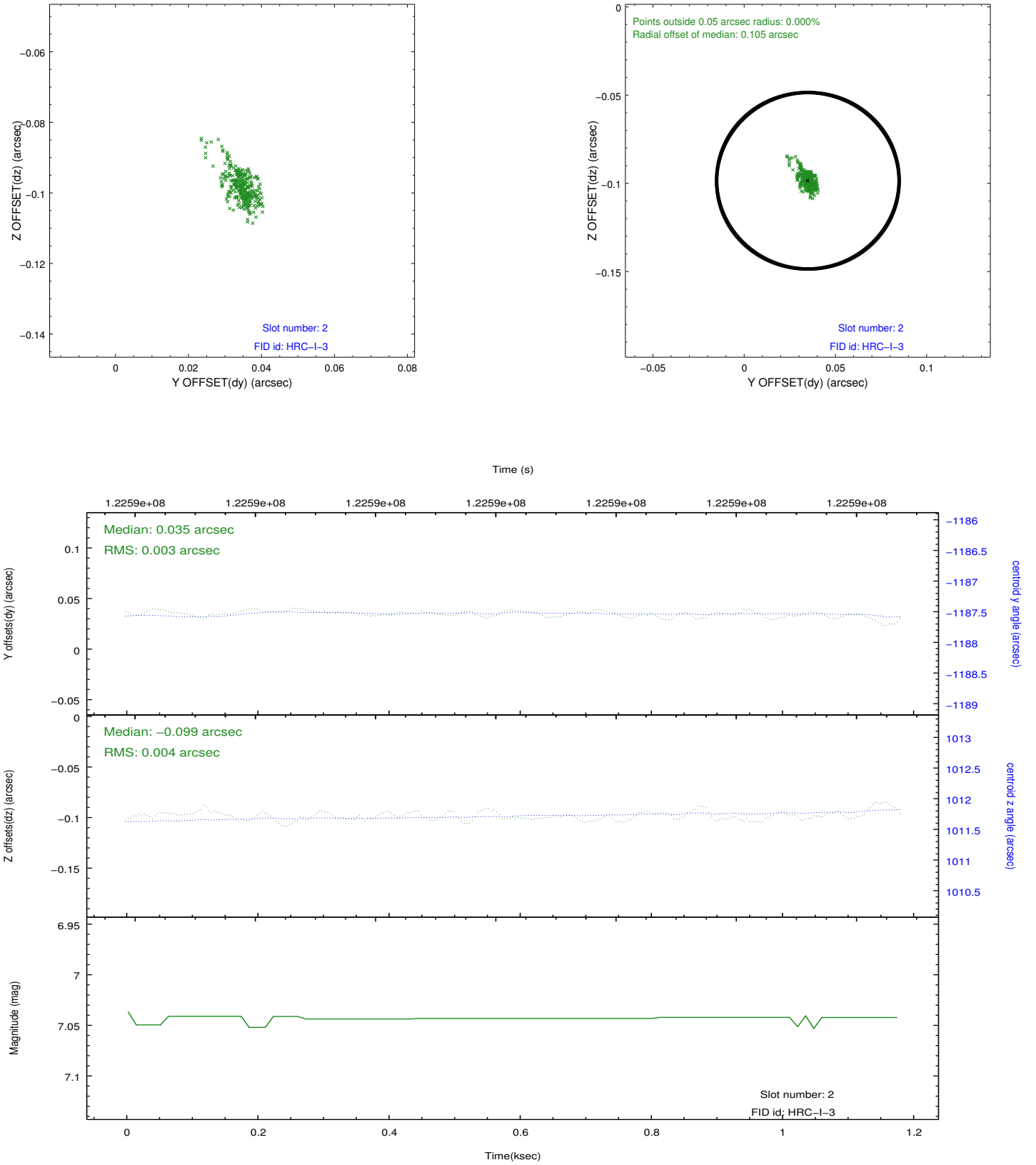
2.5.1 Slot 0



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)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.184

A.2 Comments

Window constraint met.