

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2890 - L2 Version 4
Chandra X-Ray Center

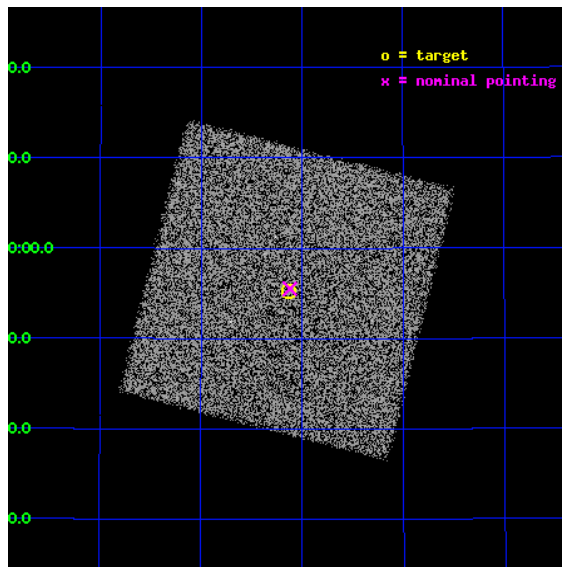
L2 Processing Date : Sep 23 2012

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1 Front

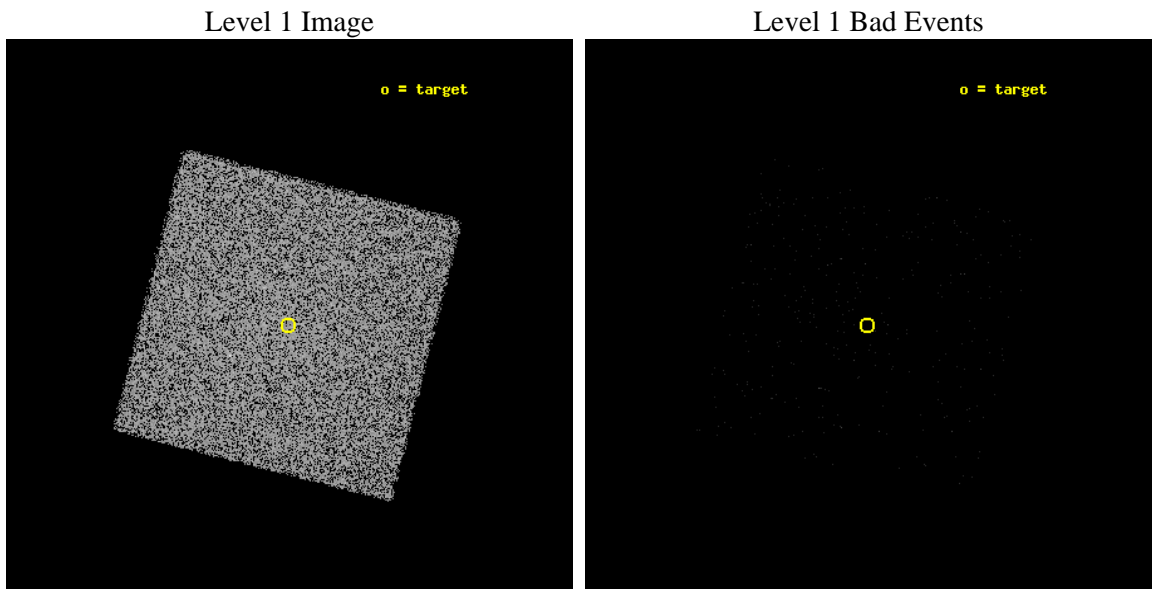
seq_num	600227	Sequence number
obs_id	2890	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-S1	Source name
ra_targ	10.532917	Observer's specified target RA [deg]
dec_targ	40.921	Observer's specified target Dec [deg]
ra_nom	10.530339228204	Nominal RA [deg]
dec_nom	40.92529349495	Nominal Dec [deg]
roll_nom	149.23645805913	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.3312971294	[s]
livetime	1184.9777272118	Ontime multiplied by DTCOR
l2events	45599	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	1192.3312971294	[s]
caldbver	4.5.1.1	 	l1events	77899	Number of level 1 events
date	2012-09-23T15:06:34	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

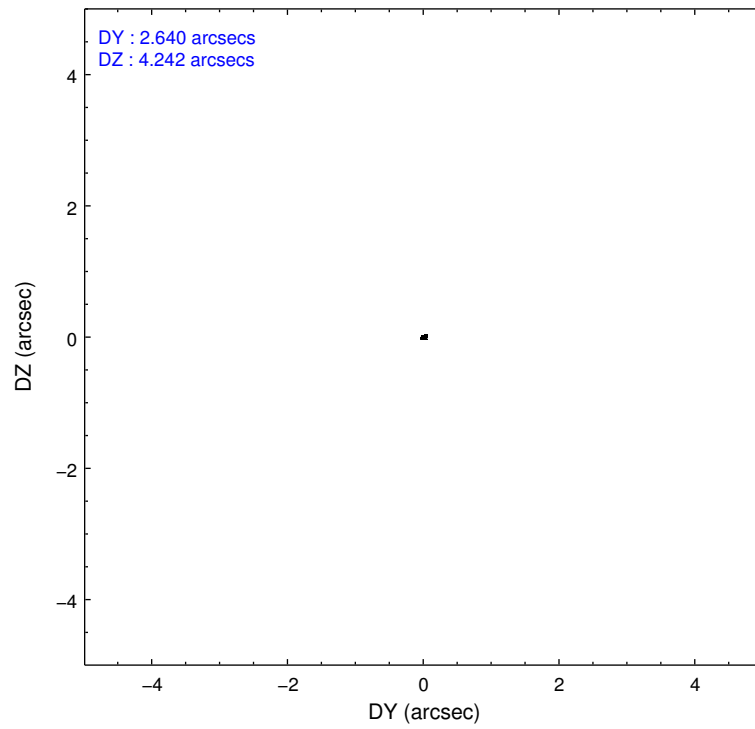
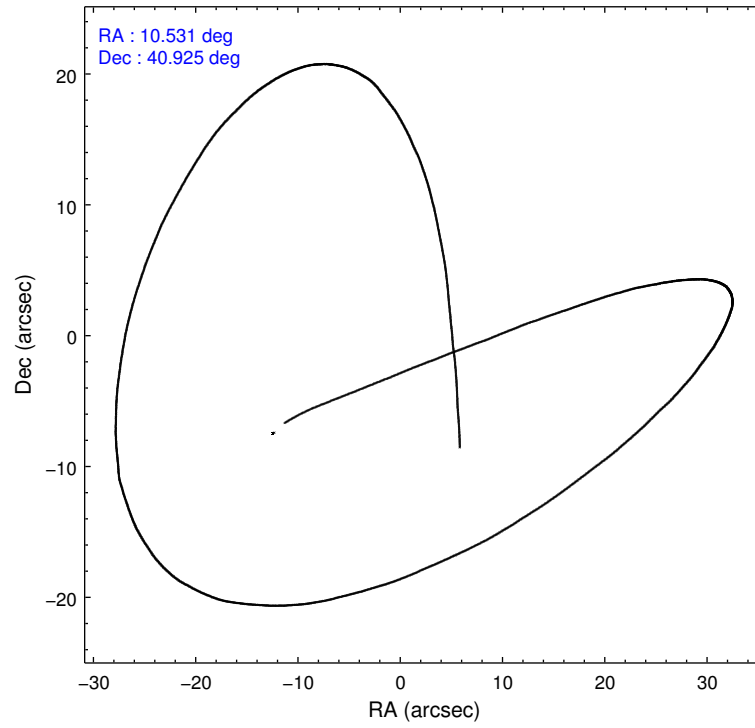
Level 1 Events

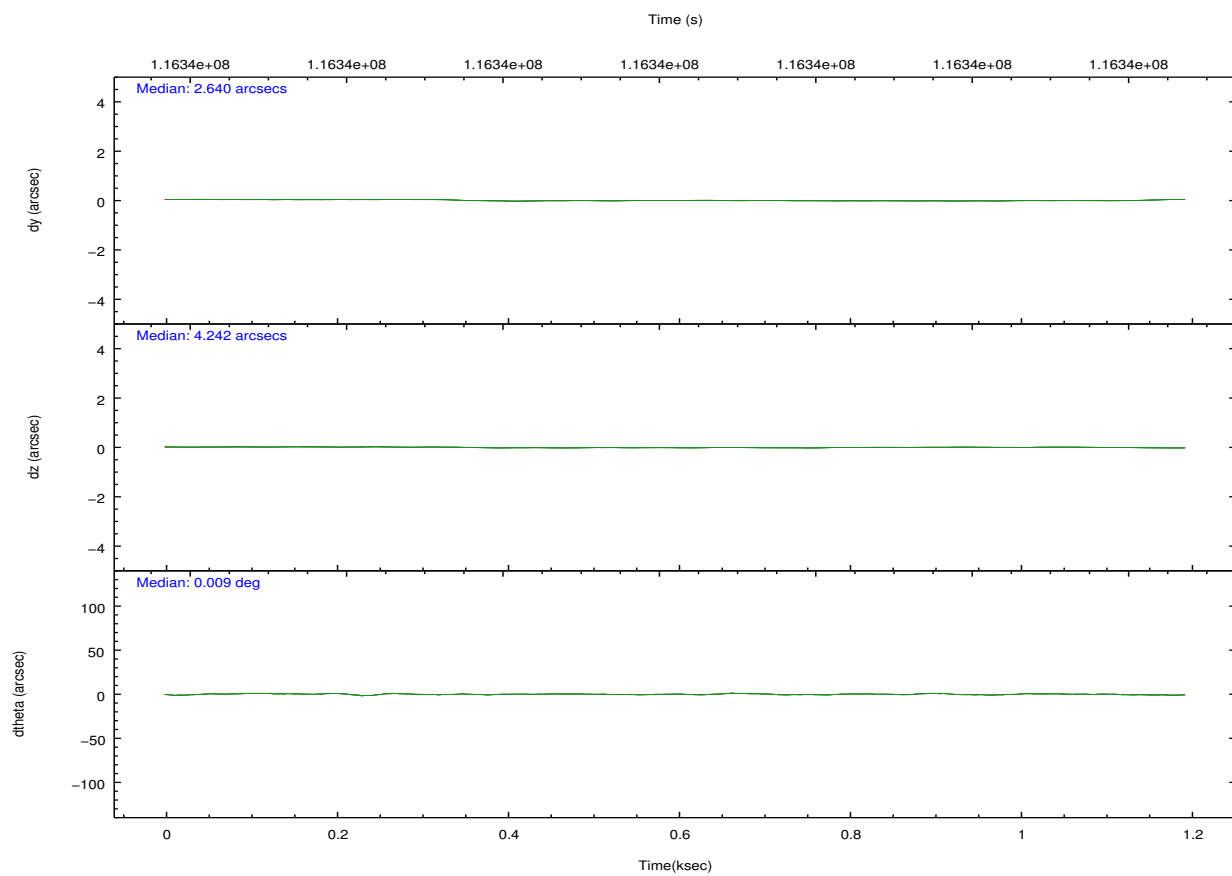
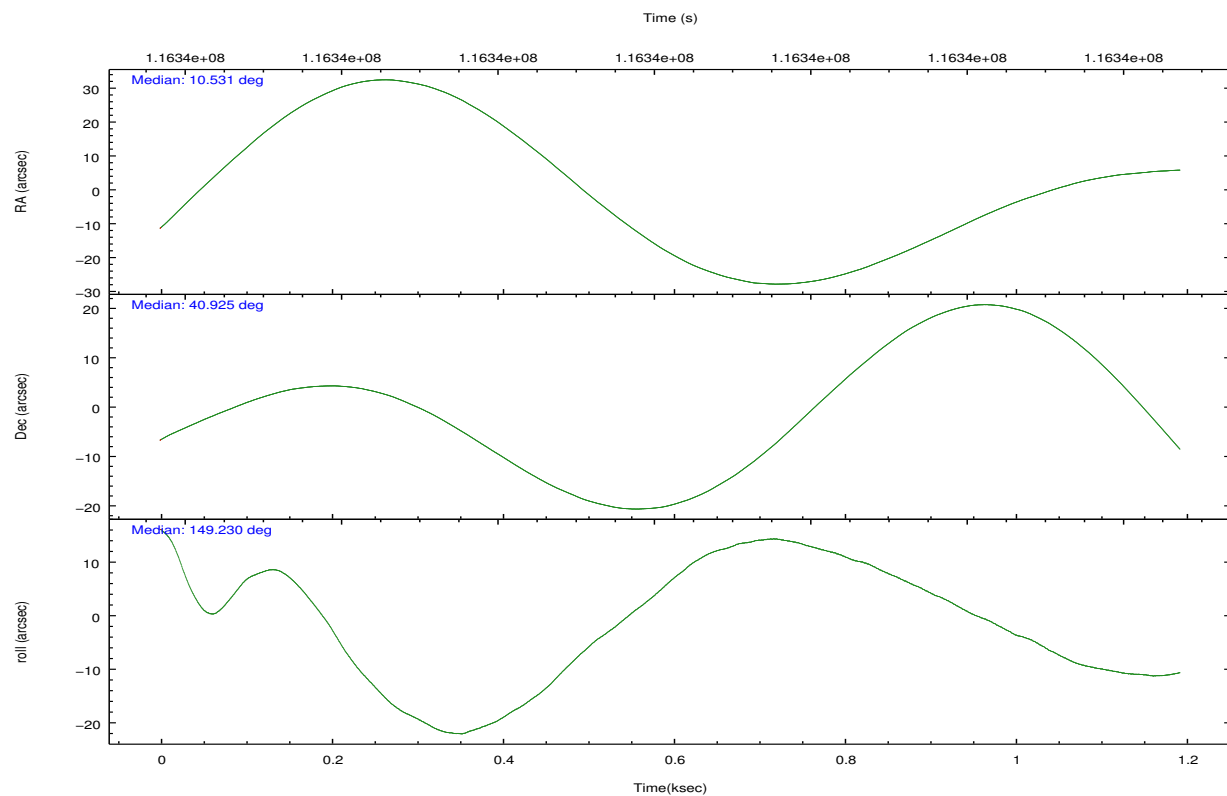
	segment 0
level 1 events	77899
rejected events	13399
rejected %	17%

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	10.565502	10.53033922820352			
[deg] Pointing Dec	40.924603	40.92529349495017			
[deg] Pointing Roll	149.308777	149.23645805913			
[s] Window start time (MET)	117072064.184000	117072064.184000			
[s] Window stop time (MET)	117676864.184000	117676864.184000			
[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)	116338215.184000	116337839.29276			
Observation start date	2001-09-08T12:09:11	2001-09-08T12:03:59			
[s] Observation end time (MET)	116339215.184000	116339349.11782			
Observation end date	2001-09-08T12:25:51	2001-09-08T12:29:09			

2.3 Aspect



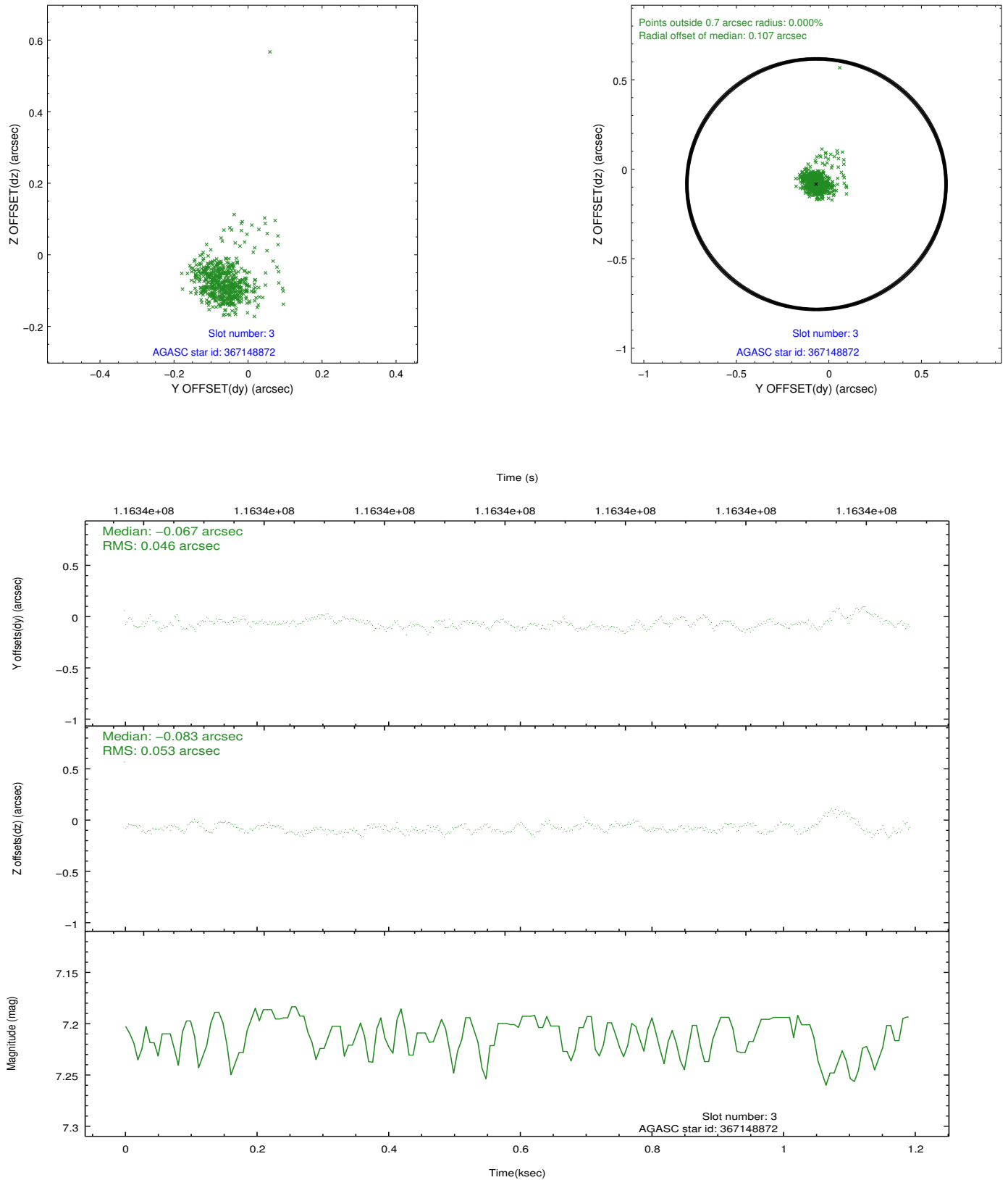


Slot Statistics

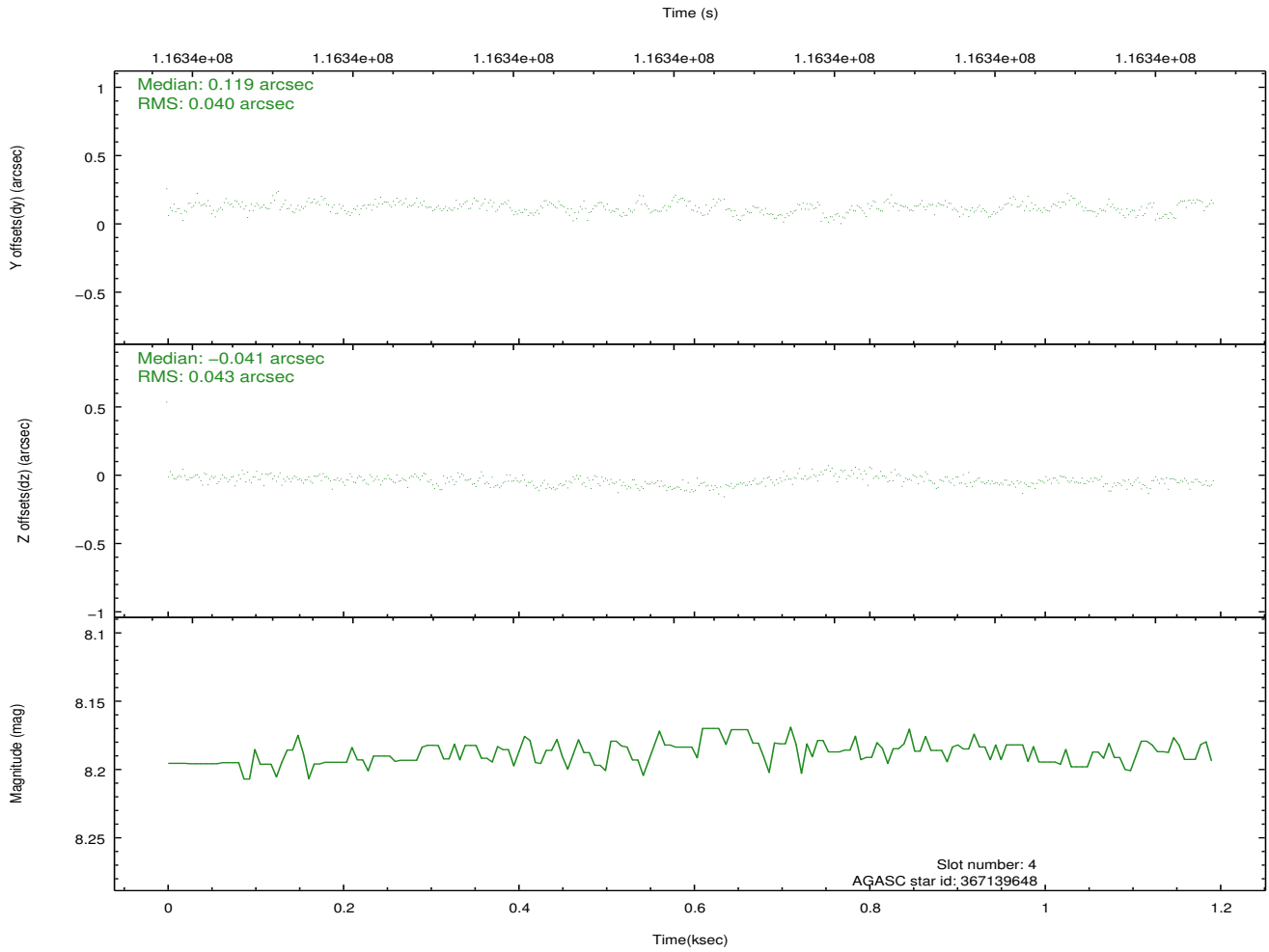
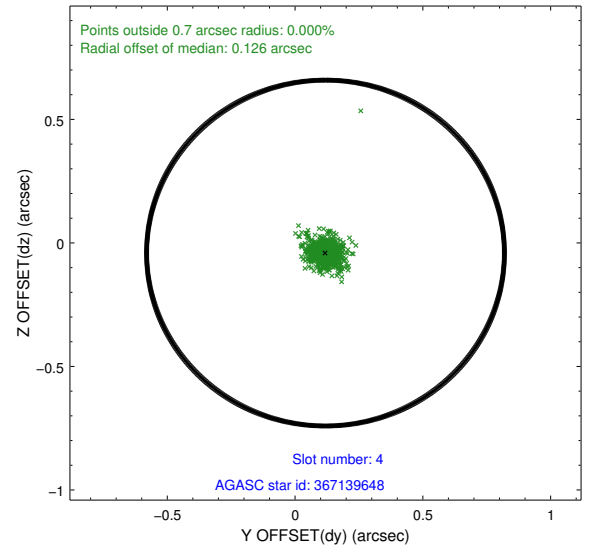
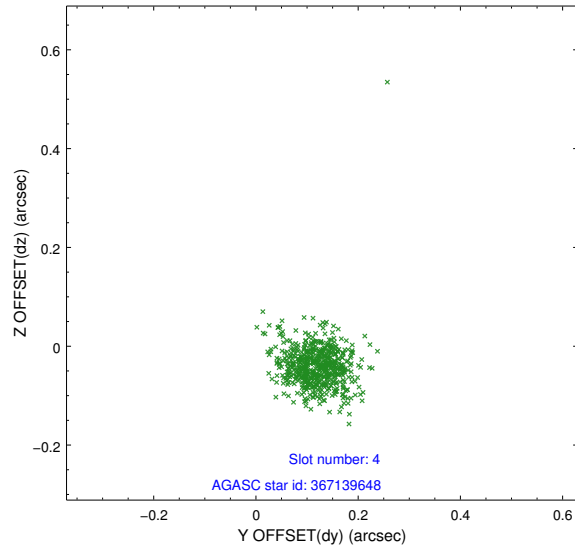
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	292	0.046	0.058	0.006	0.010	0.000000	0.000000	-758.09	-1291.99
1	FID	HRC-I-3	7.06	292	0.015	-0.093	0.007	0.011	0.000000	0.000000	-1189.17	1008.00
2	FID	HRC-I-4	7.00	292	0.053	-0.054	0.005	0.009	0.000000	0.000000	1280.67	1013.49
3	GUIDE	367148872	7.21	583	-0.067	-0.083	0.062	0.122	10.505940	40.688258	-292.72	818.71
4	GUIDE	367139648	8.19	582	0.119	-0.041	0.055	0.096	11.021290	40.433909	-1972.63	884.12
5	GUIDE	367144424	8.66	583	0.027	-0.238	0.071	0.111	10.464515	40.309136	-894.14	2052.00
6	GUIDE	367146616	8.86	583	0.005	0.230	0.082	0.126	11.418645	41.190163	-1493.19	-2003.85
7	GUIDE	367665472	9.51	582	-0.084	0.135	0.118	0.191	10.241611	41.730843	2230.15	-2052.16

2.4 Star Slots

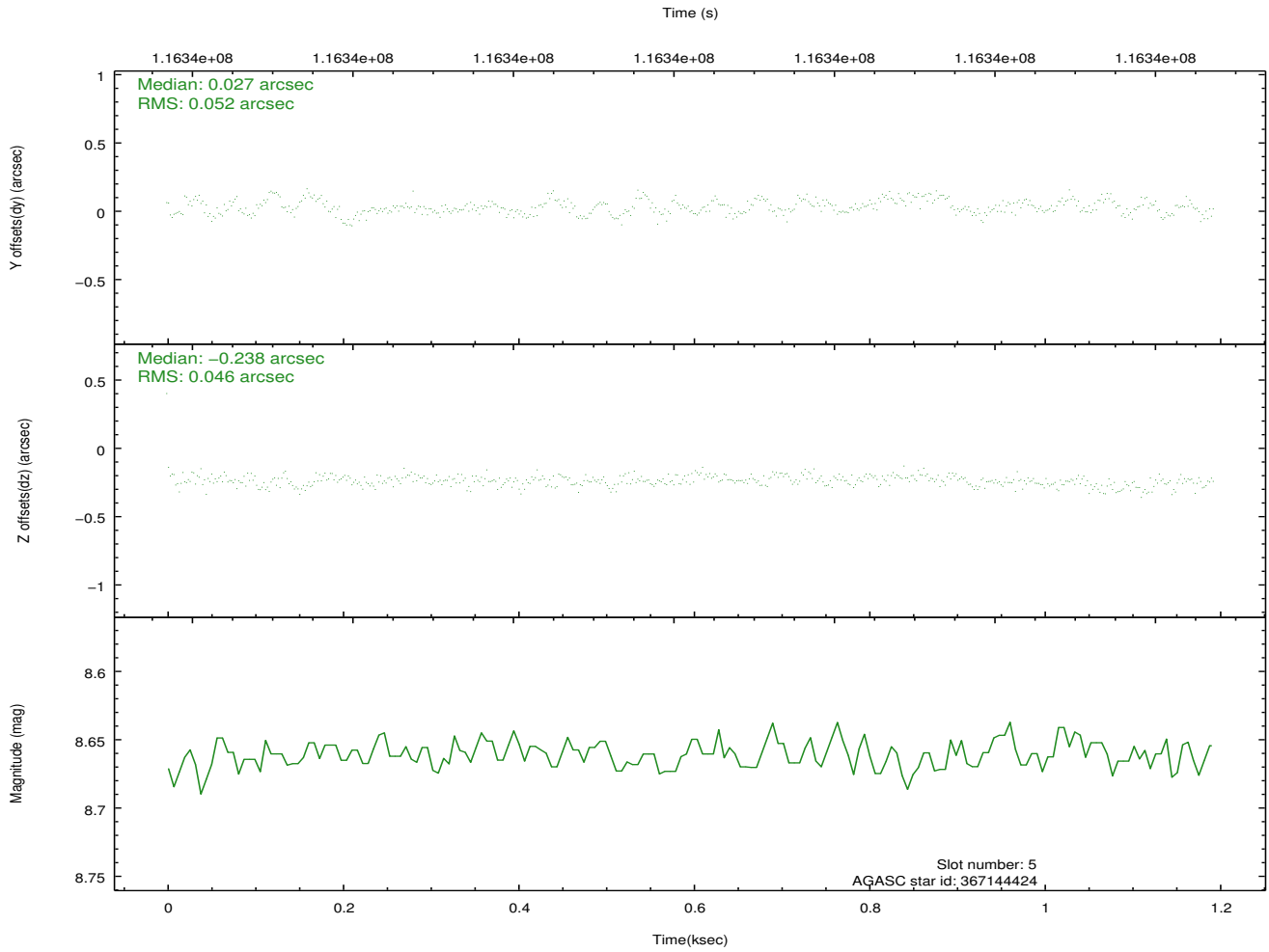
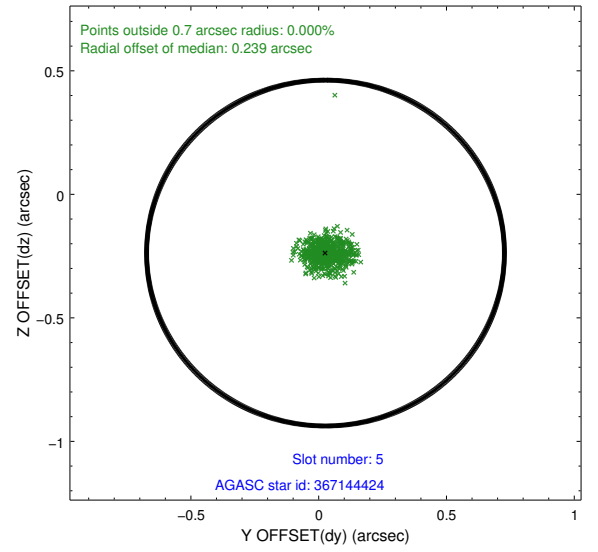
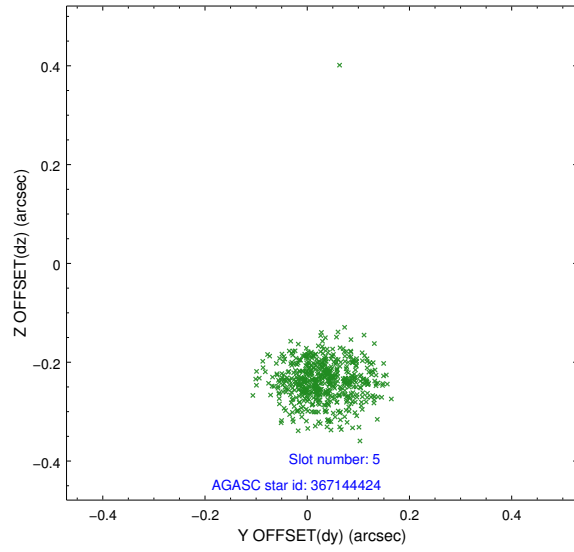
2.4.1 Slot 3



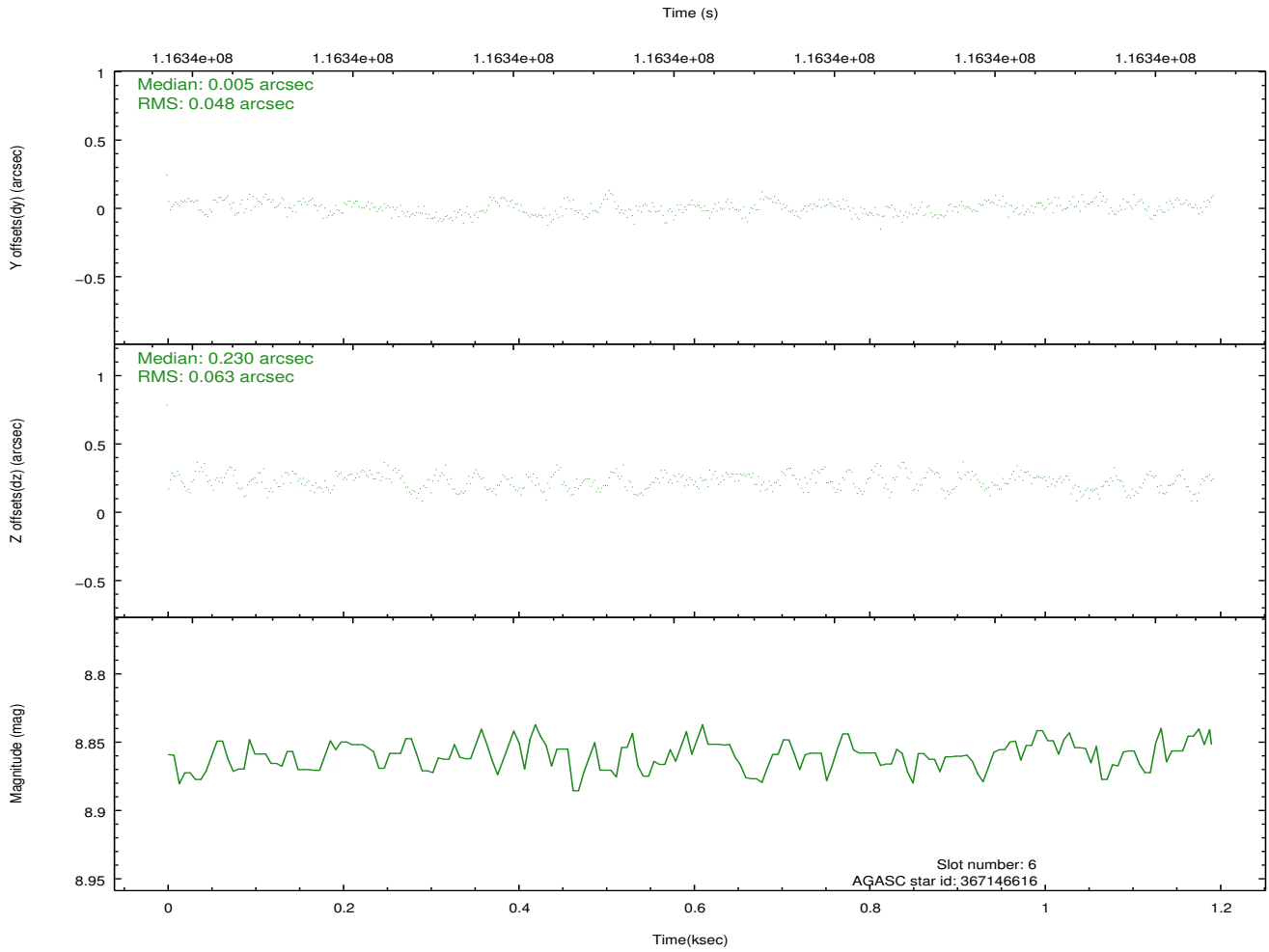
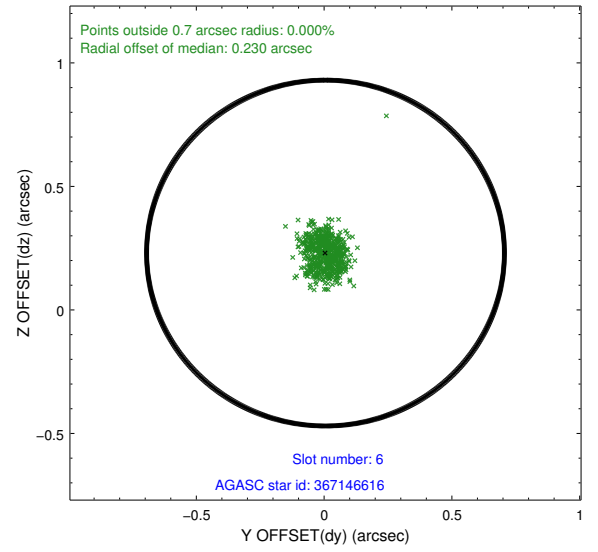
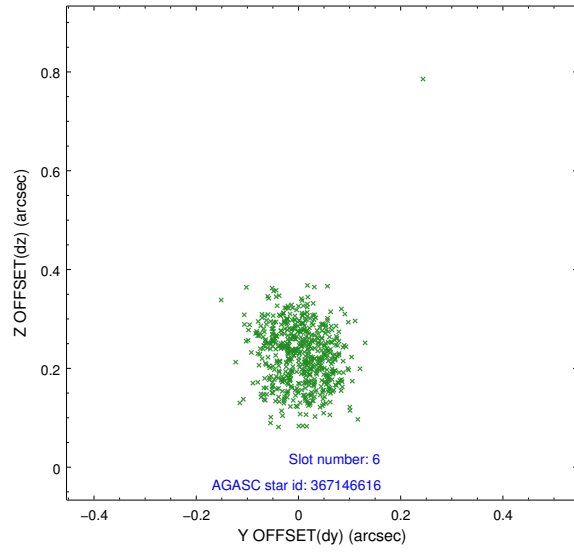
2.4.2 Slot 4



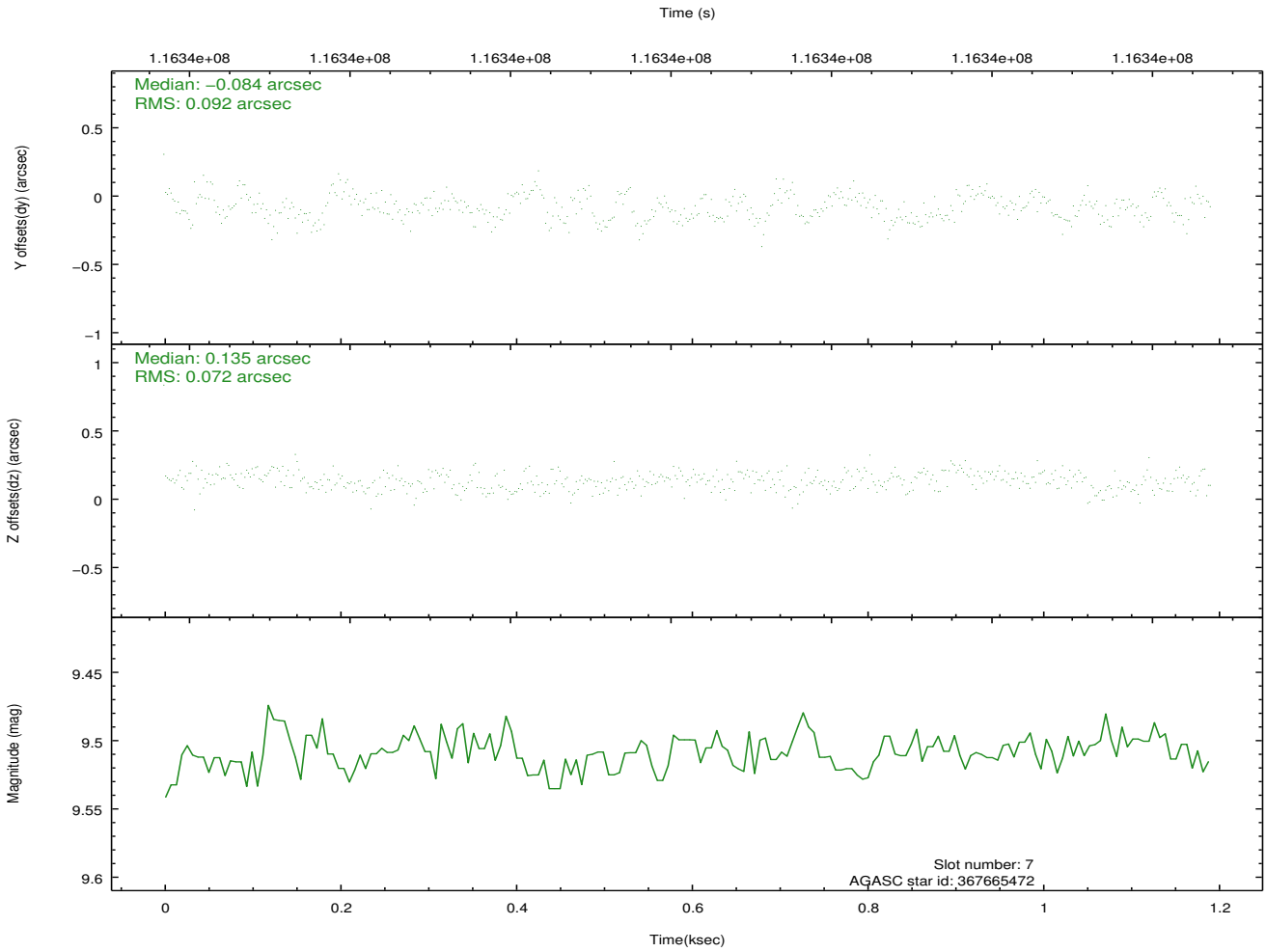
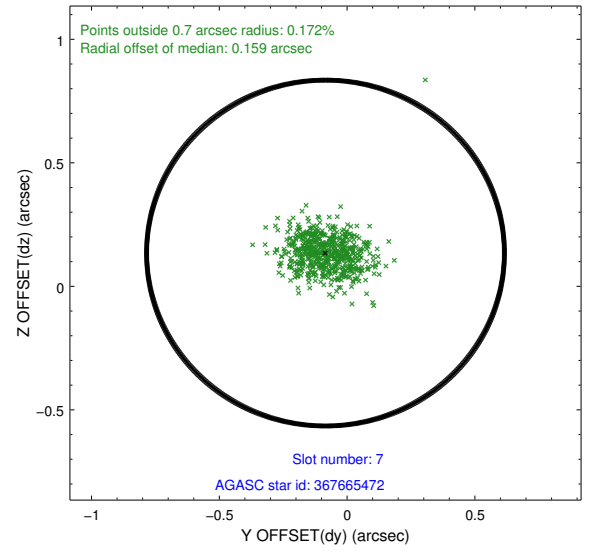
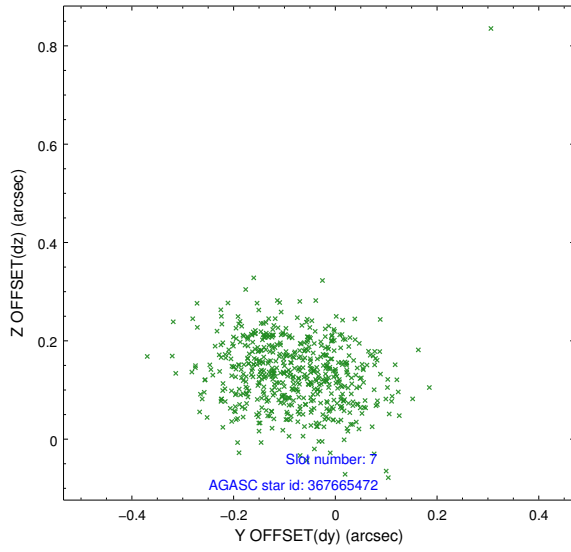
2.4.3 Slot 5



2.4.4 Slot 6

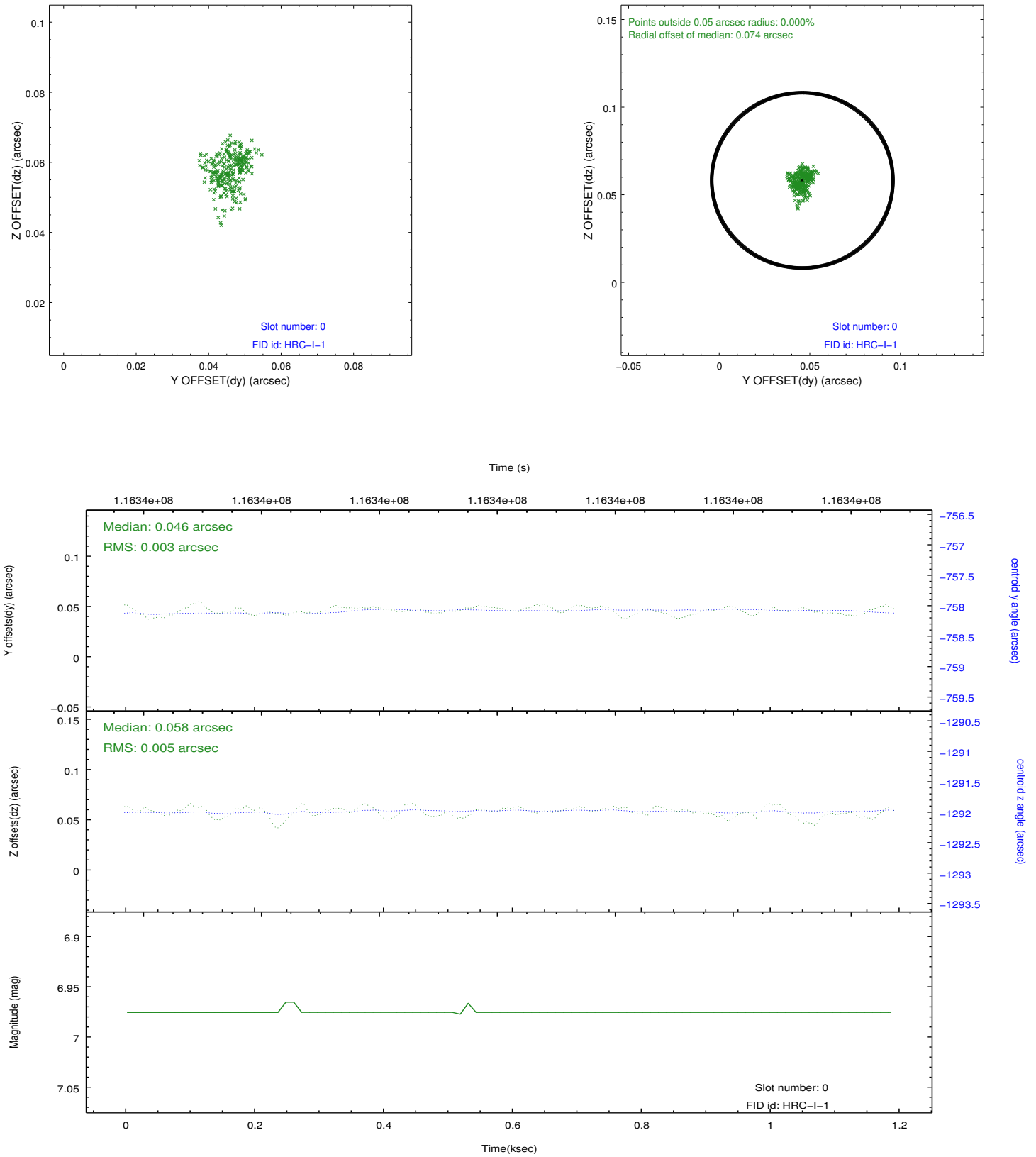


2.4.5 Slot 7

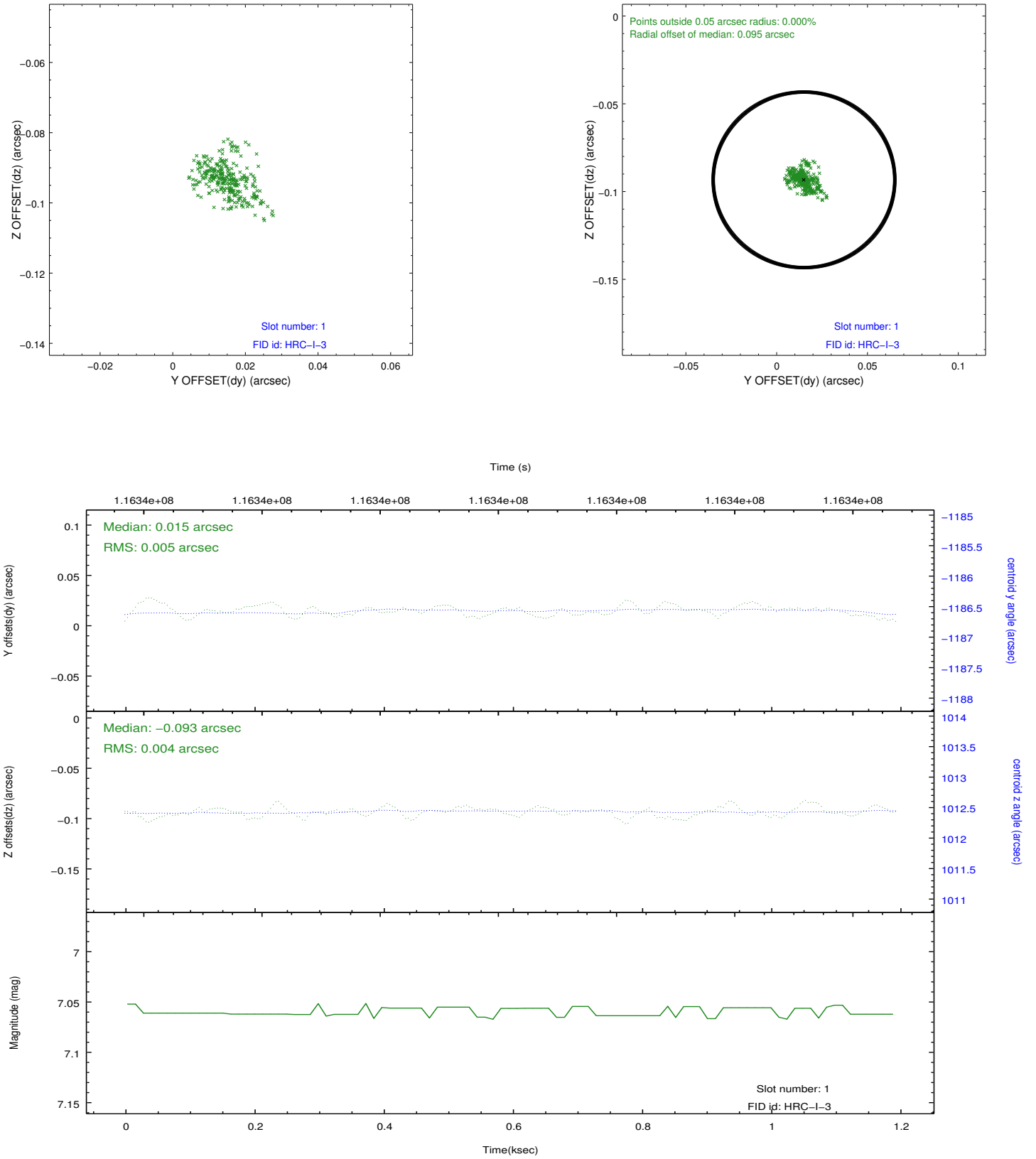


2.5 FID Slots

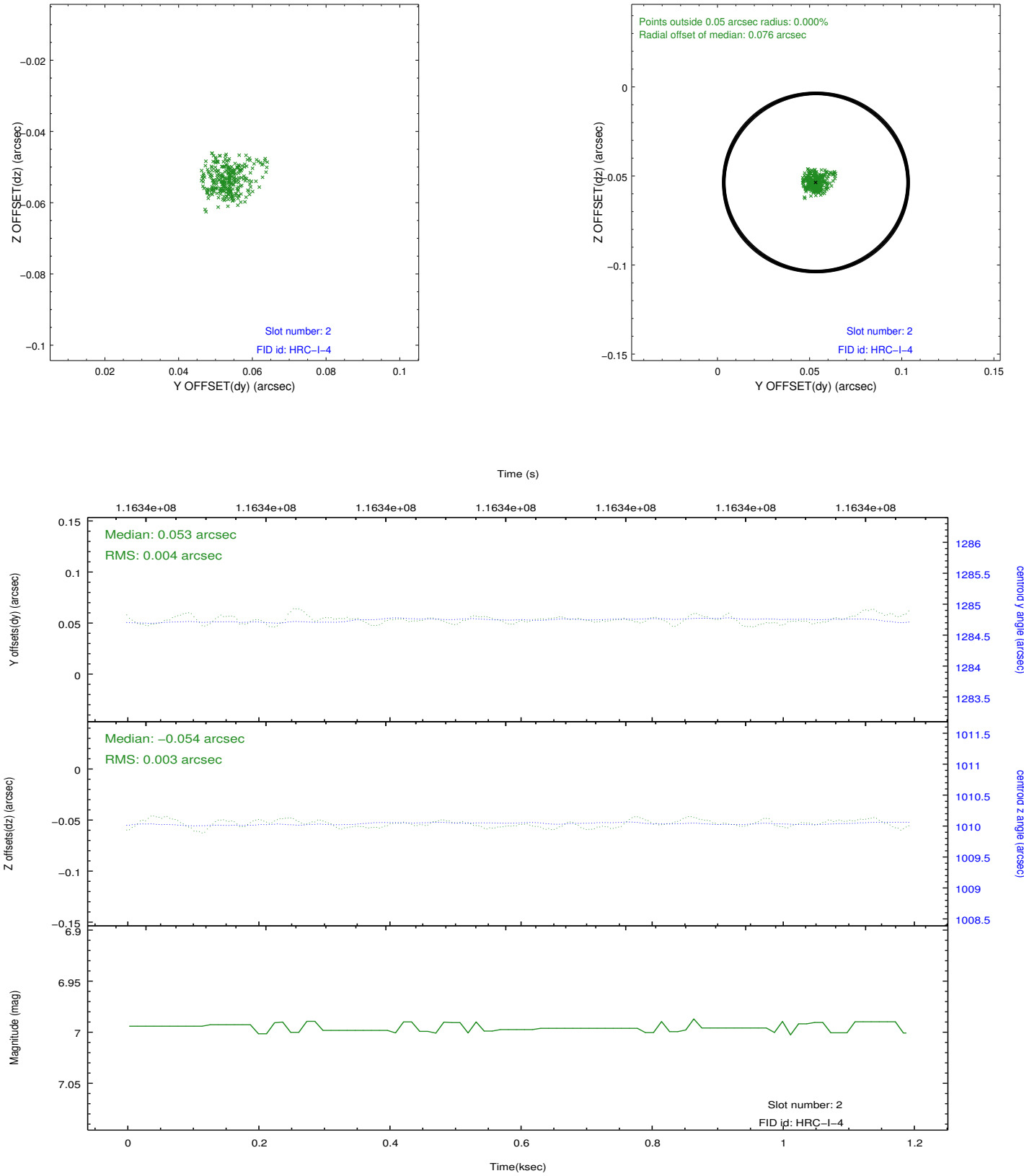
2.5.1 Slot 0



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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Window constraint not satisfied.