

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 278 - L2 Version 5
Chandra X-Ray Center

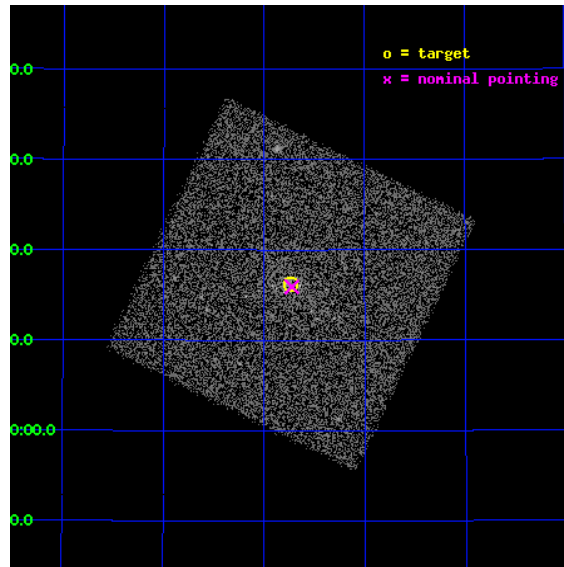
L2 Processing Date : Sep 3 2012

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1 Front

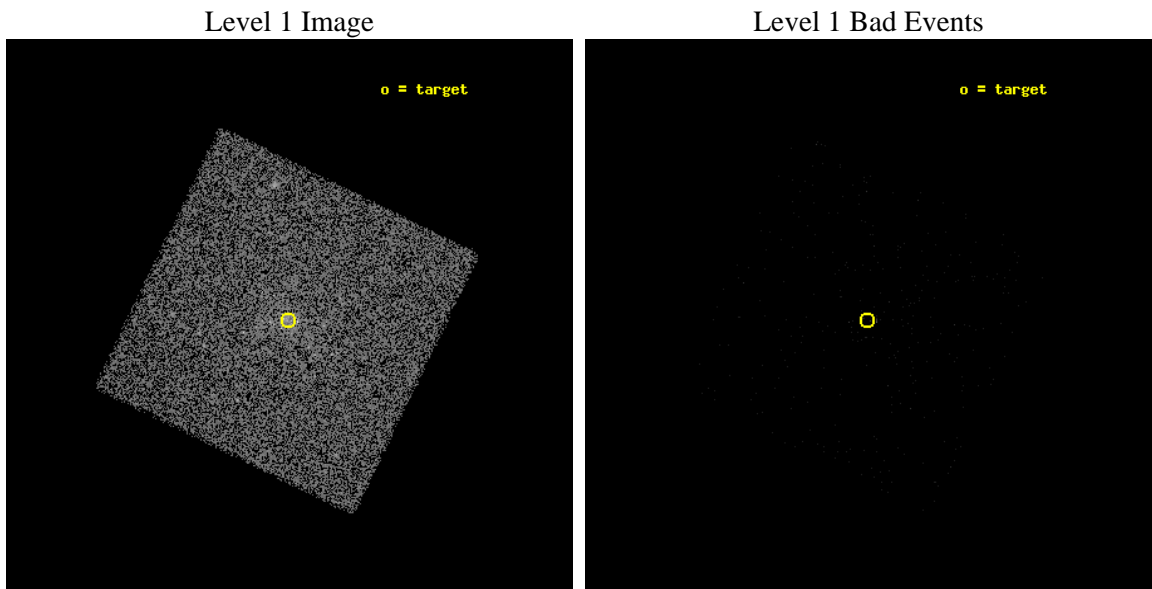
seq_num	600038	Sequence number
obs_id	278	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.680940433591	Nominal RA [deg]
dec_nom	41.26537377566	Nominal Dec [deg]
roll_nom	250.96296519094	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1188.2312953621	[s]
livetime	1182.293105395	Ontime multiplied by DTCOR
l2events	34281	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	1188.2312953621	[s]
caldbver	4.5.1.1	 	l1events	61815	Number of level 1 events
date	2012-09-03T16:02:08	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

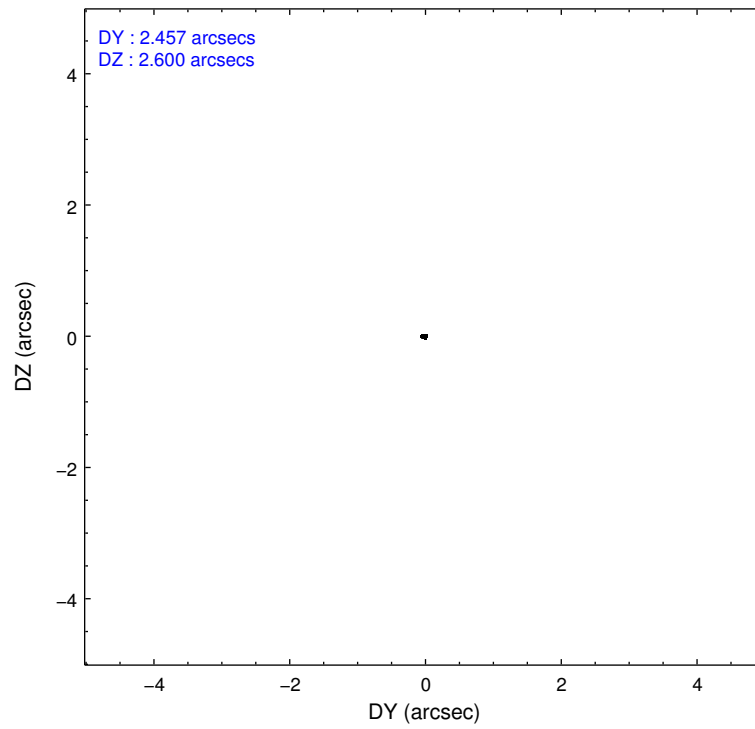
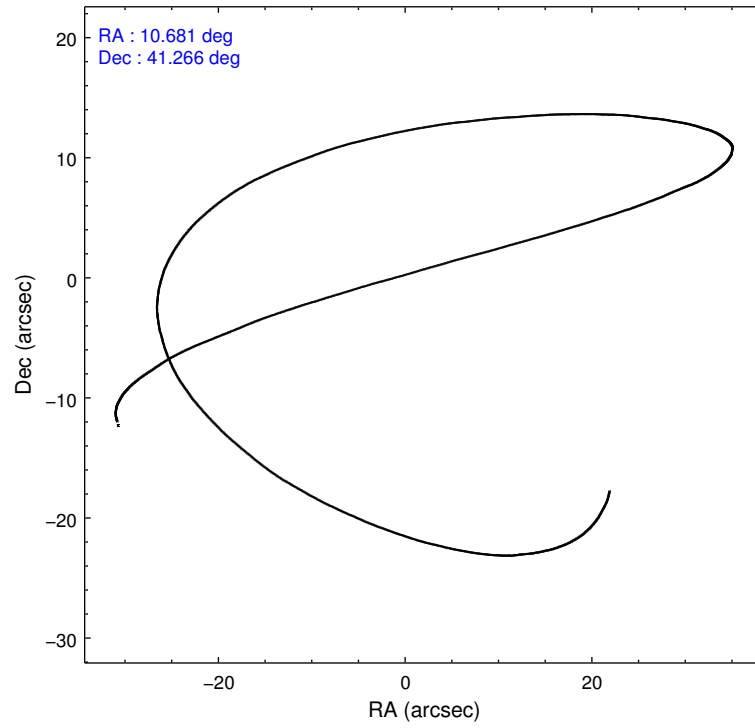
	segment 0
level 1 events	61815
rejected events	12963
rejected %	20%

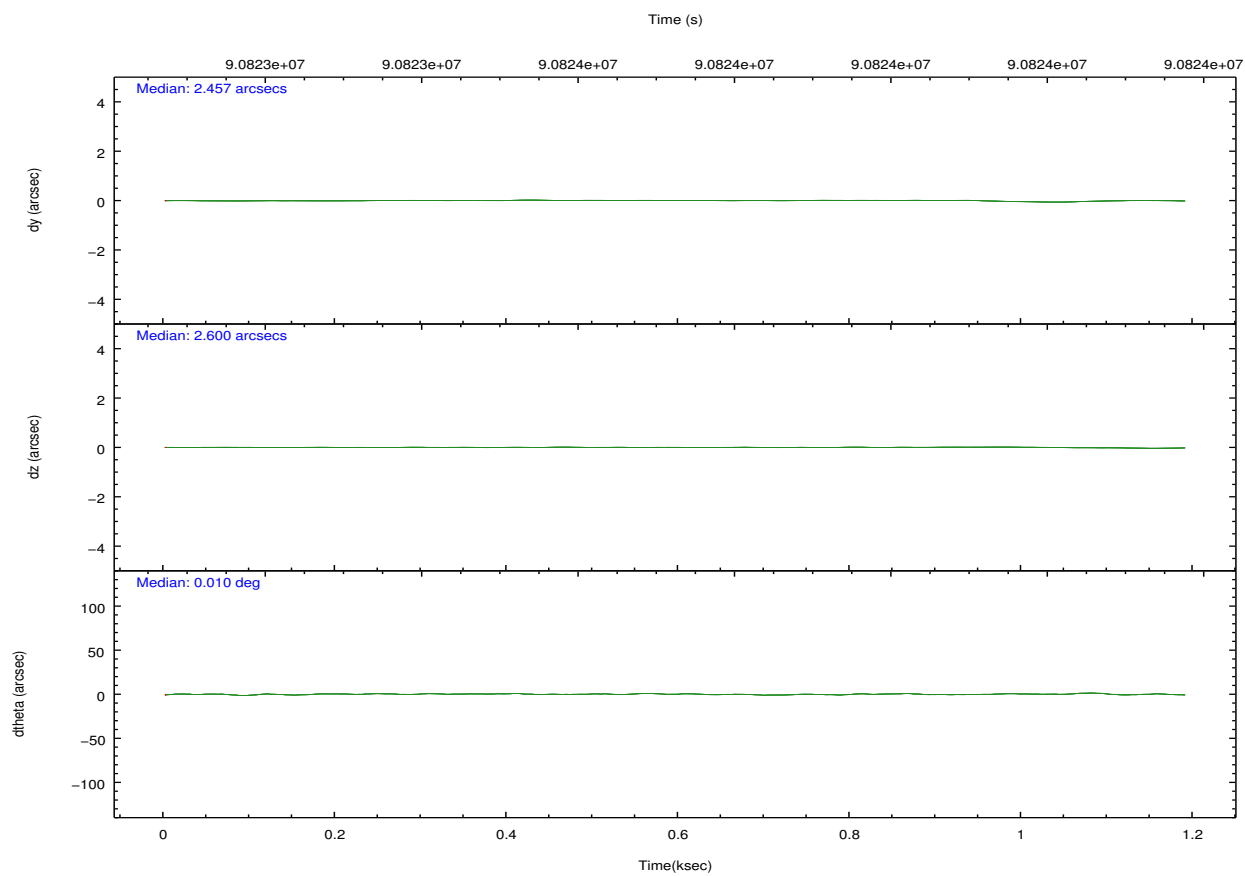
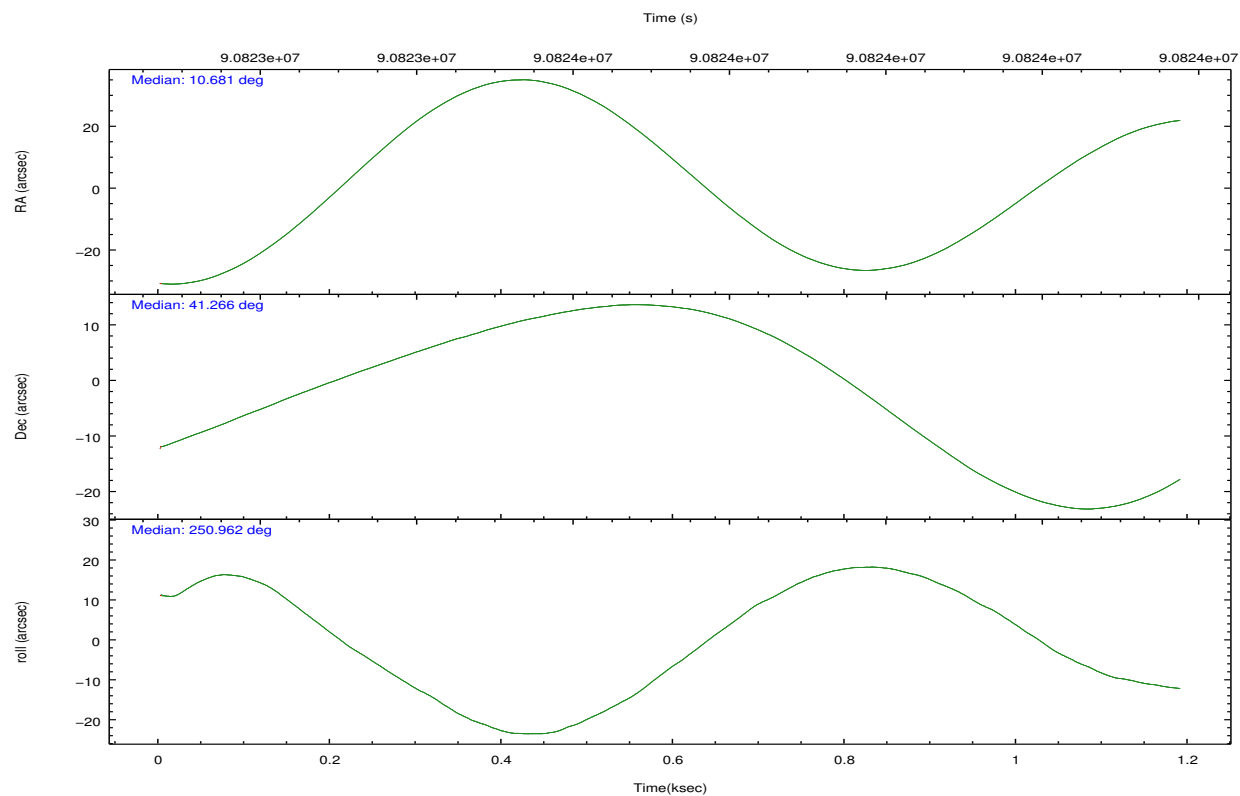
2.2 Compared Parameters

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	10.673637	10.68094043359085
[deg] Pointing Dec	41.292342	41.26537377566009
[deg] Pointing Roll	251.063313	250.9629651909373
[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)	90823320.184000	90822944.315786
Observation start date	2000-11-17T04:40:56	2000-11-17T04:35:44
[s] Observation end time (MET)	90824320.184000	90824454.65334301
Observation end date	2000-11-17T04:57:36	2000-11-17T05:00:54

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

2.3 Aspect



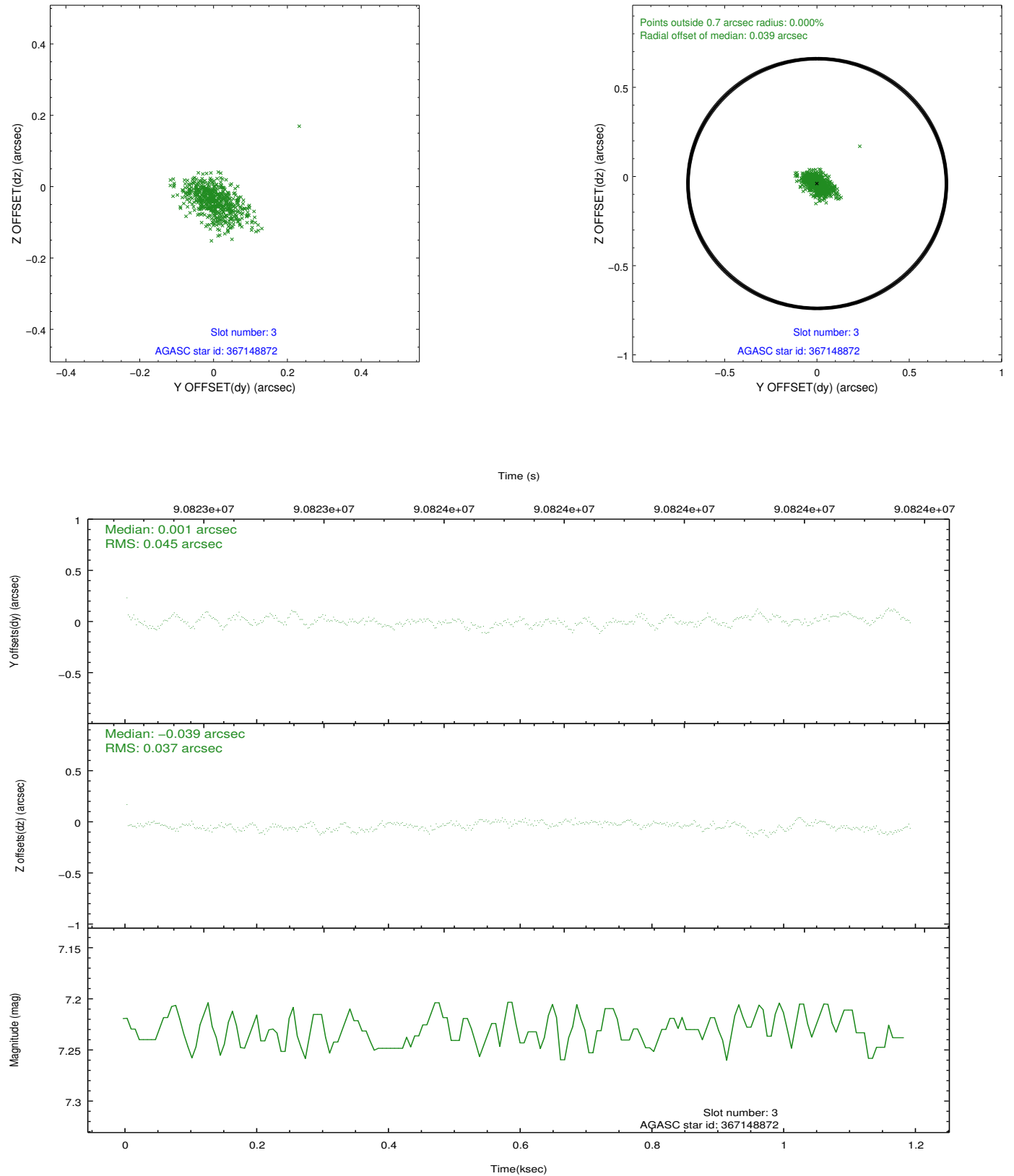


Slot Statistics

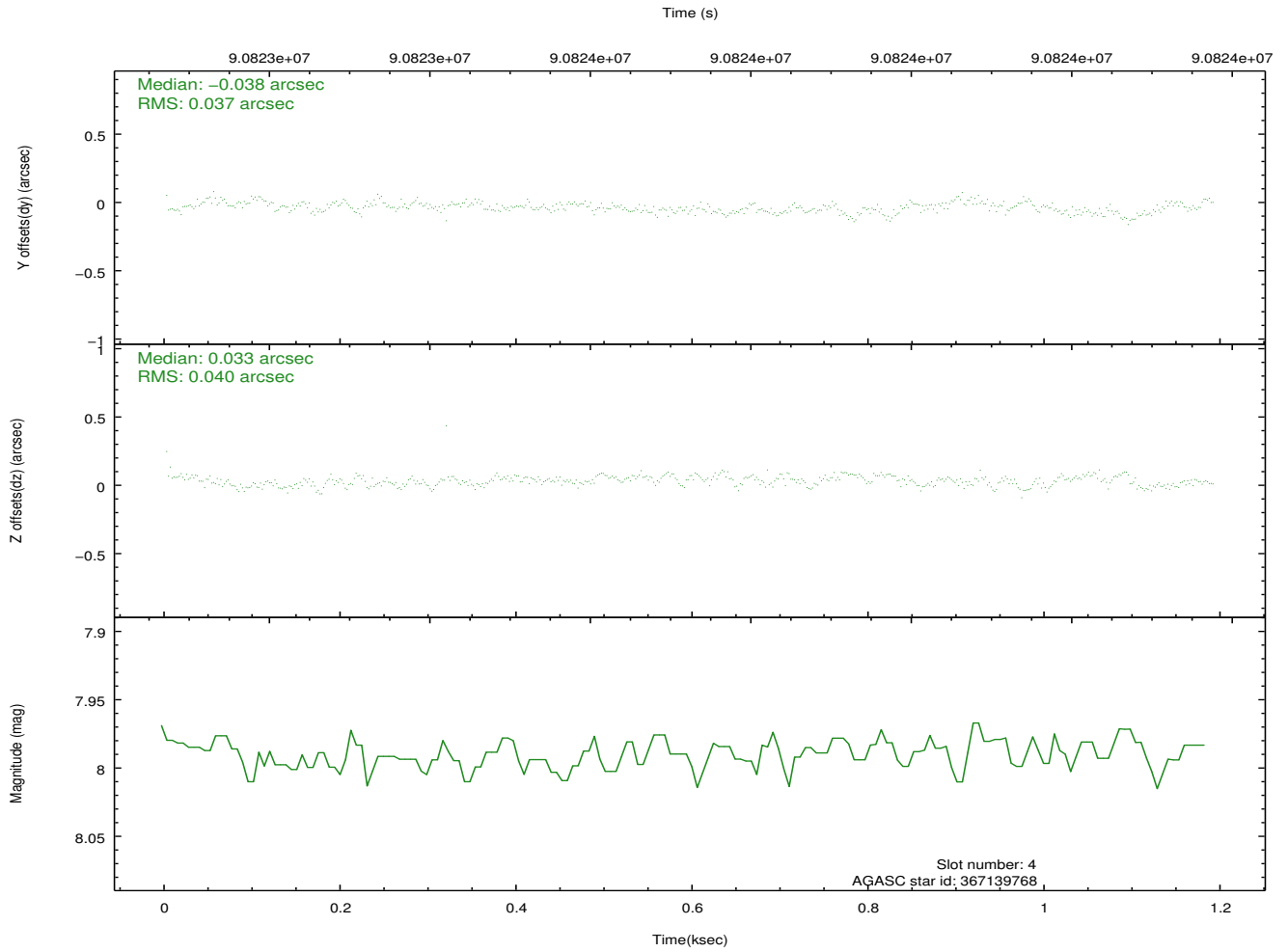
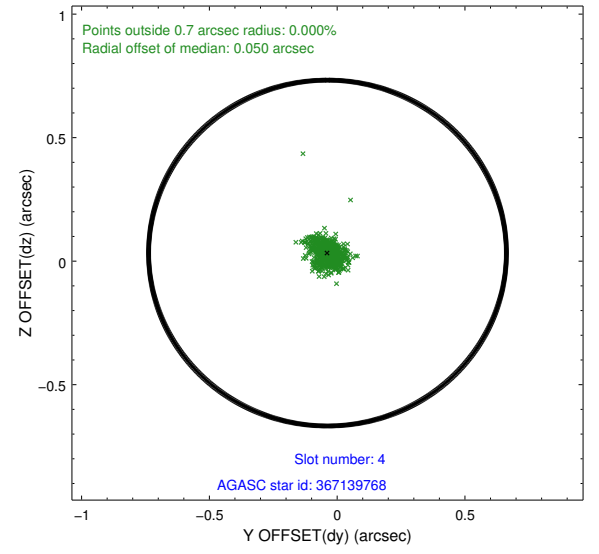
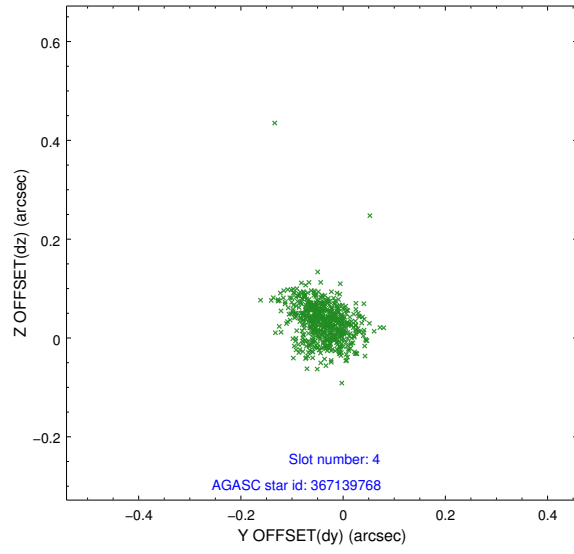
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	0.073	0.007	0.006	0.010	0.000000	0.000000	-757.88	-1290.23
1	FID	HRC-I-3	7.05	291	0.010	-0.026	0.006	0.011	0.000000	0.000000	-1188.97	1009.88
2	FID	HRC-I-4	6.99	291	0.031	-0.070	0.005	0.007	0.000000	0.000000	1280.85	1015.27
3	GUIDE	367148872	7.23	581	0.001	-0.039	0.061	0.099	10.505940	40.688258	2204.53	272.68
4	GUIDE	367139768	7.99	581	-0.038	0.033	0.054	0.090	11.069715	40.685175	1717.37	1731.94
5	GUIDE	367674552	8.85	581	0.033	-0.011	0.068	0.116	11.016238	41.570845	-1247.22	549.84
6	GUIDE	367146616	8.87	580	0.006	0.006	0.077	0.121	11.418645	41.190163	-318.14	2026.65
7	GUIDE	367671800	9.41	580	0.002	0.008	0.091	0.139	10.554735	41.964935	-2188.40	-1083.41

2.4 Star Slots

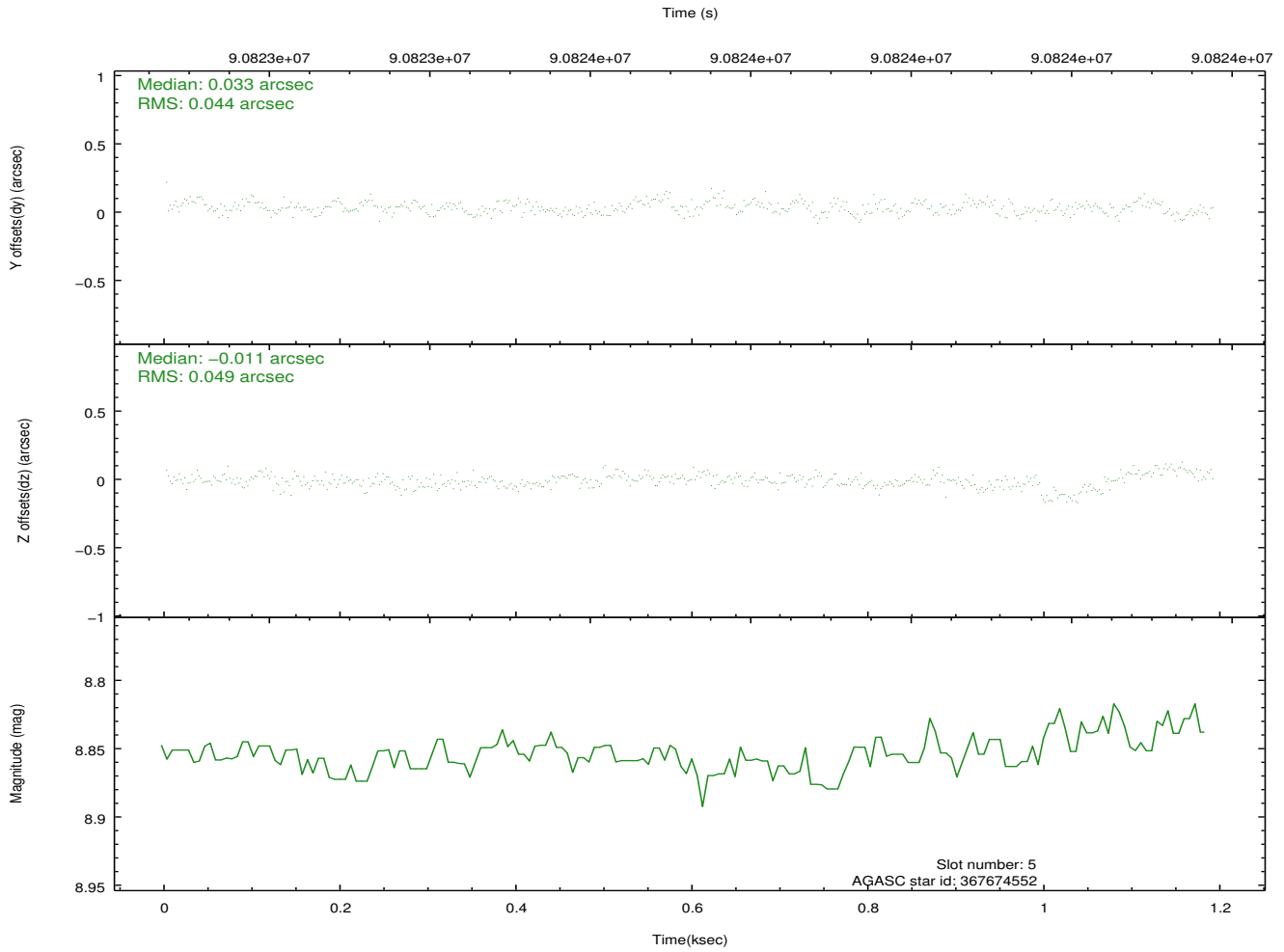
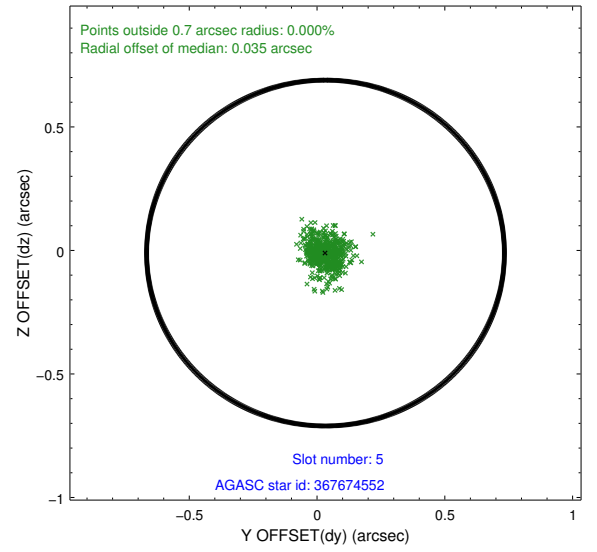
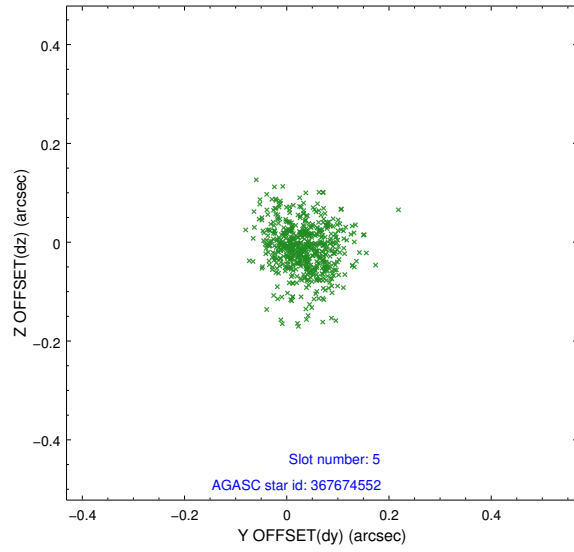
2.4.1 Slot 3



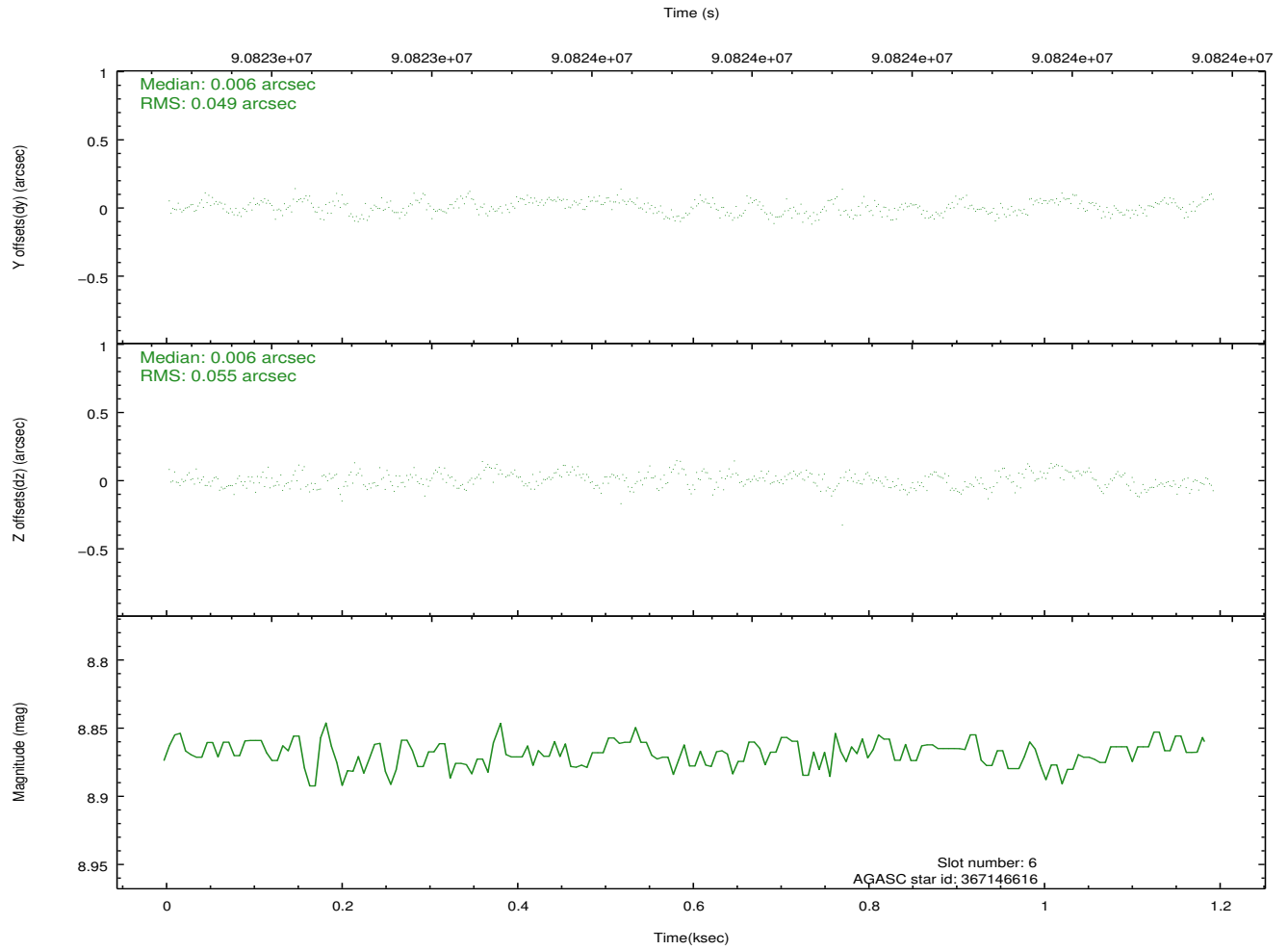
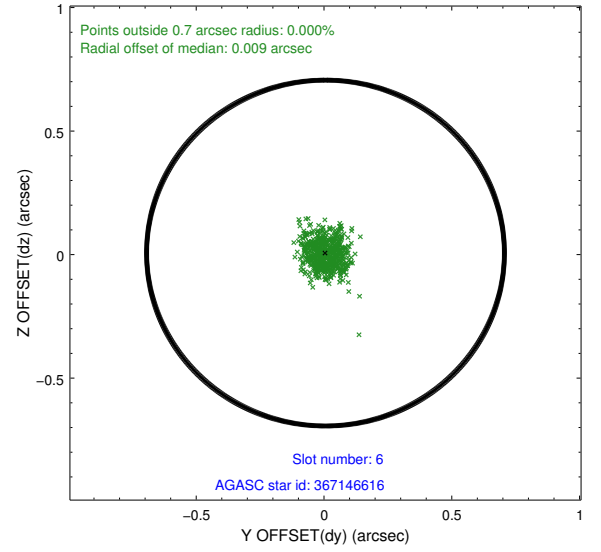
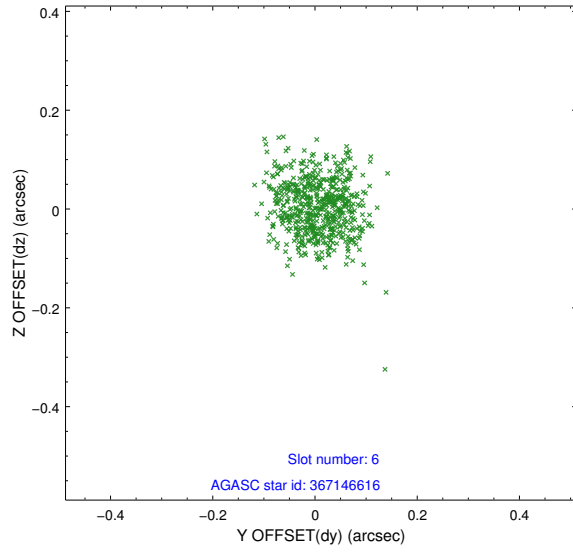
2.4.2 Slot 4



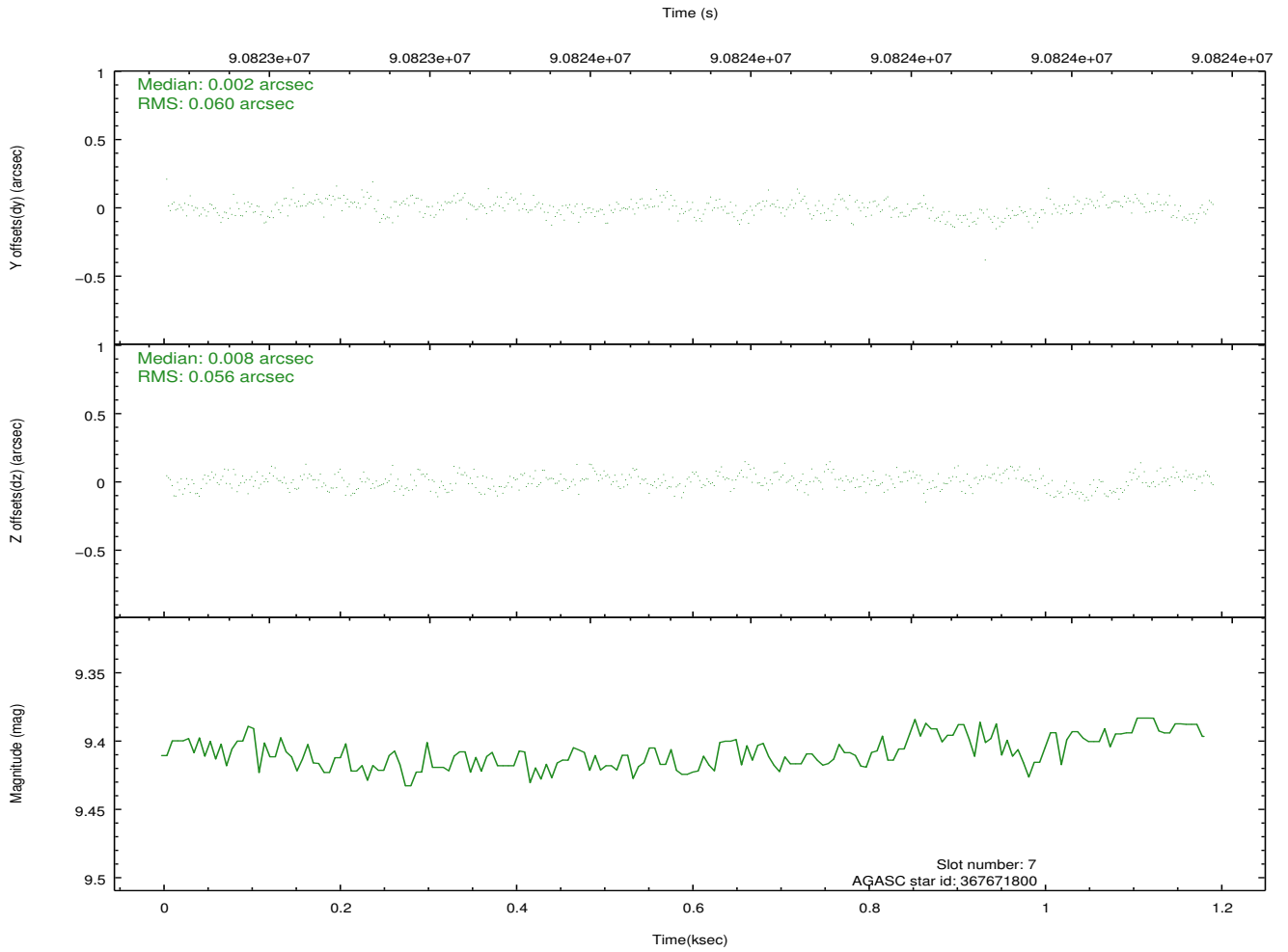
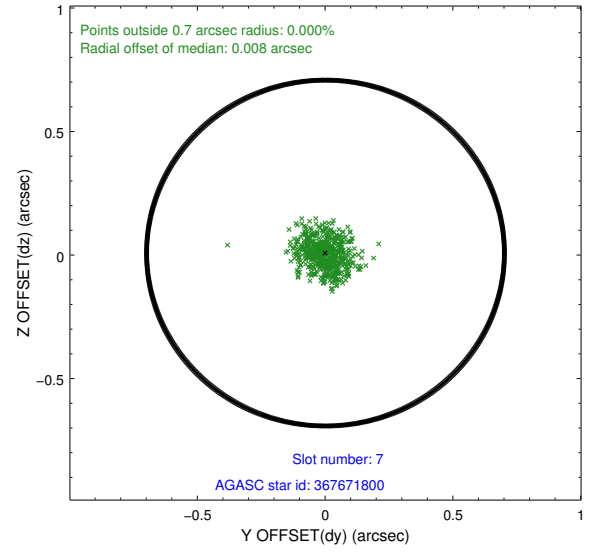
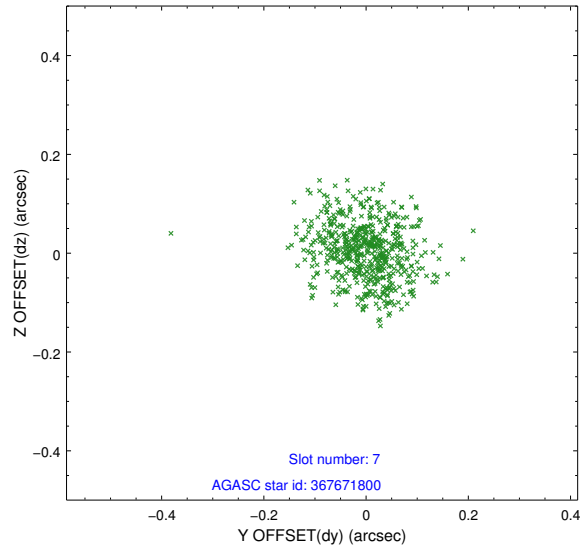
2.4.3 Slot 5



2.4.4 Slot 6

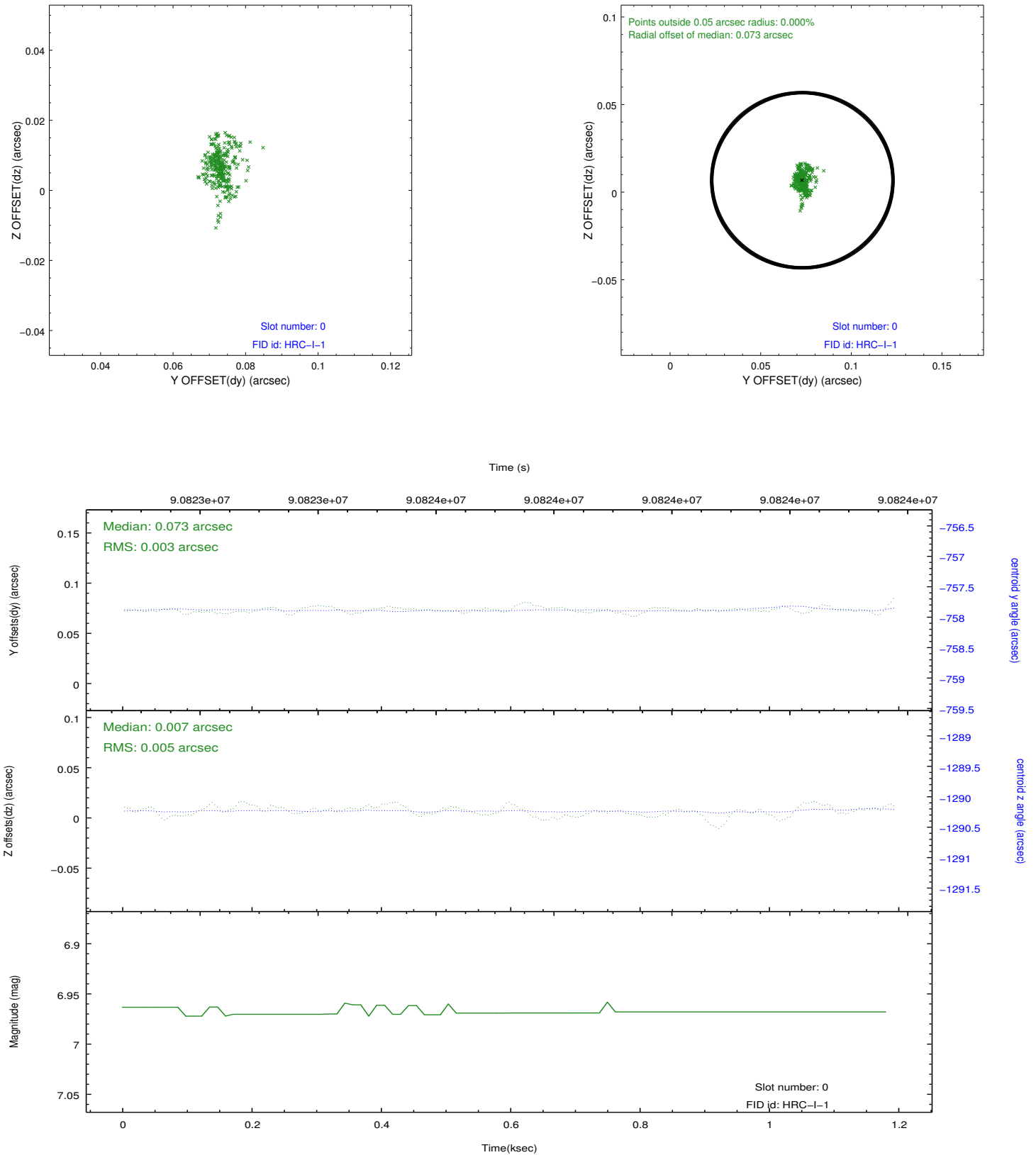


2.4.5 Slot 7

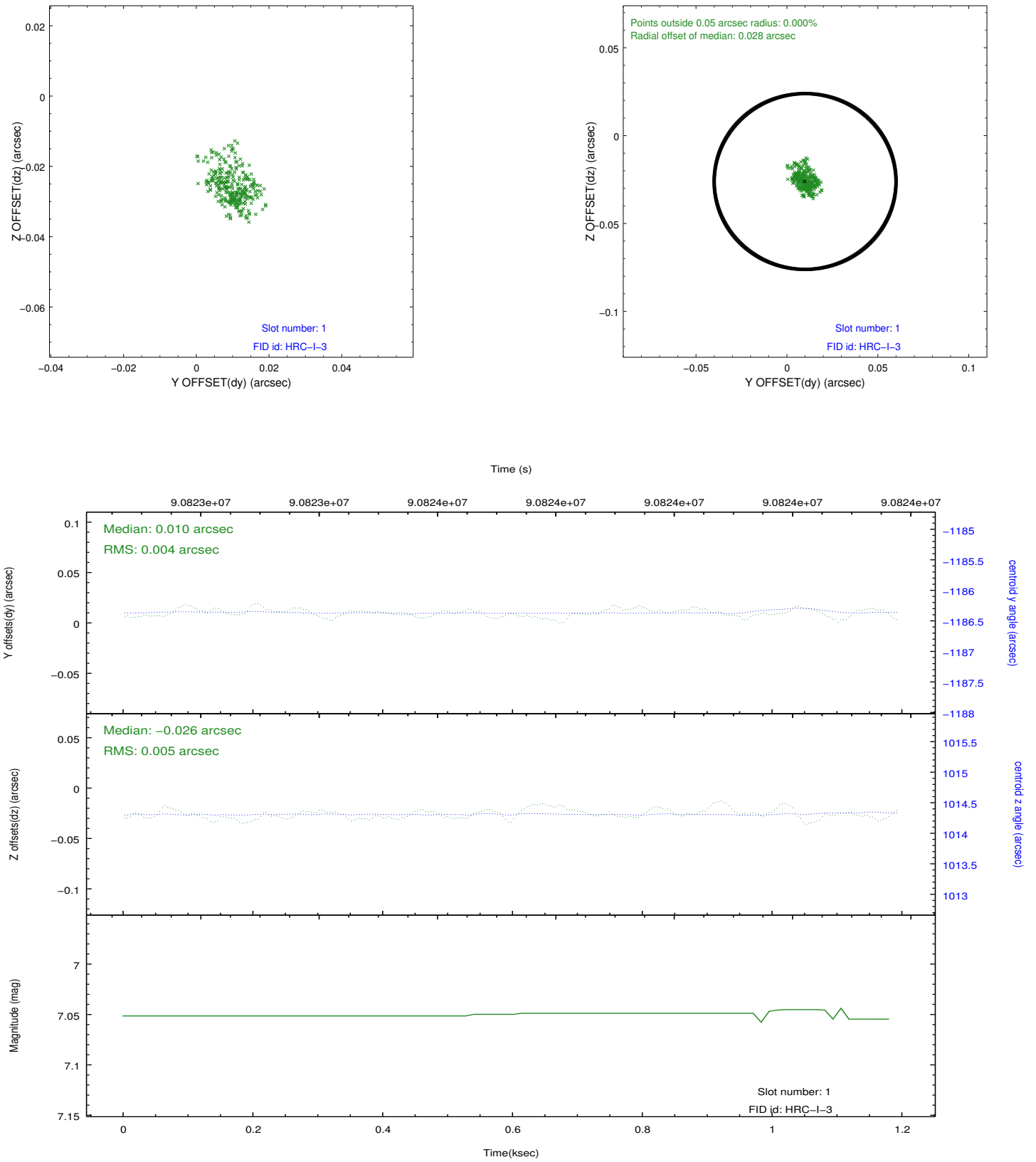


2.5 FID Slots

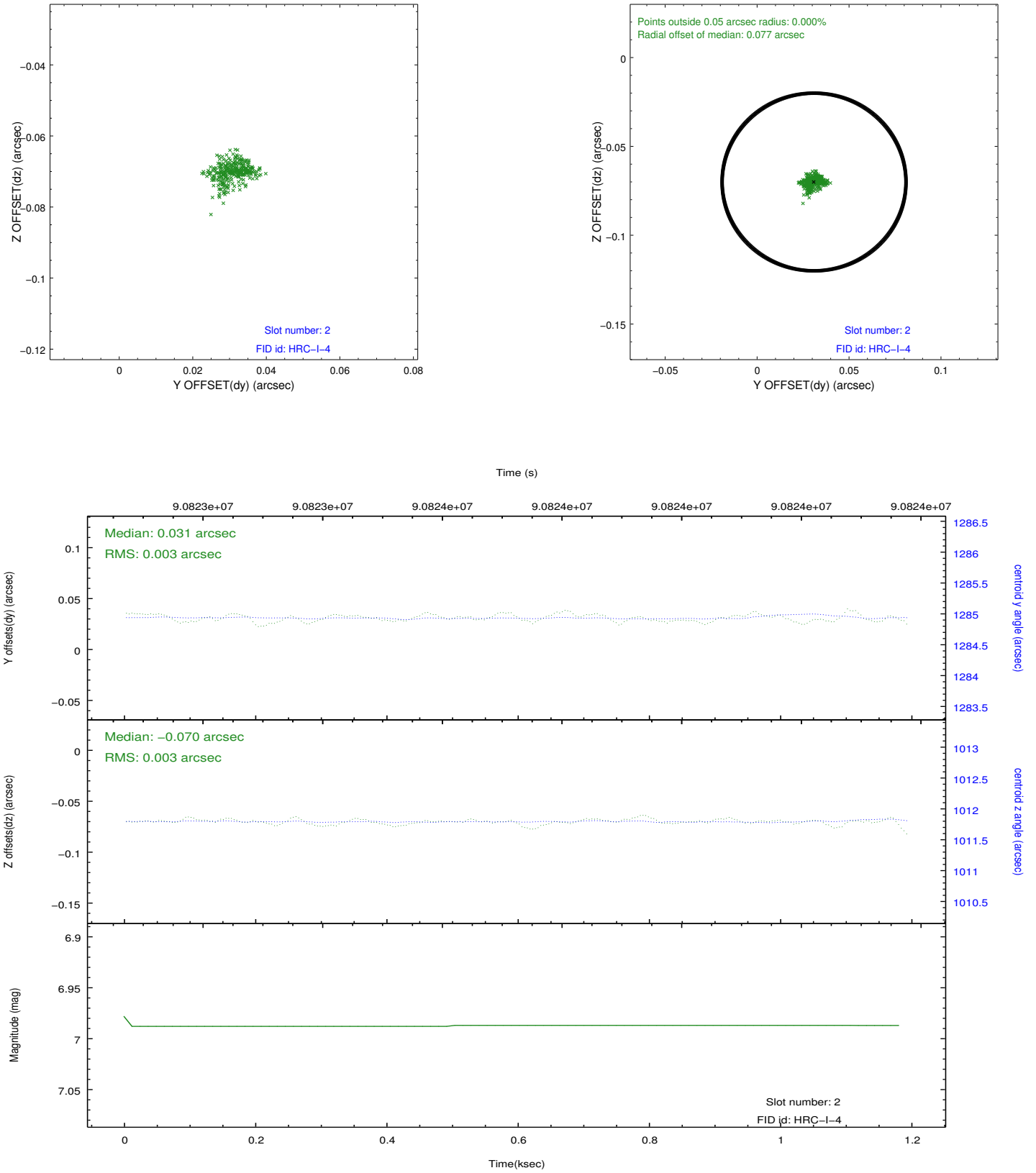
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.188

A.2 Comments