

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 253 - L2 Version 6
Chandra X-Ray Center

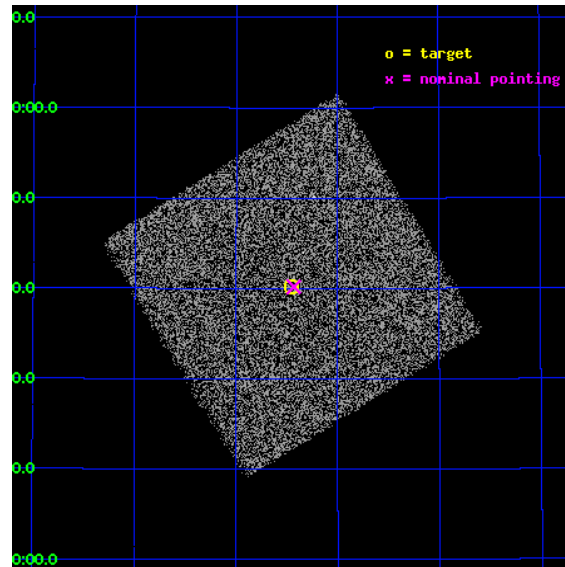
L2 Processing Date : Sep 2 2012

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1 Front

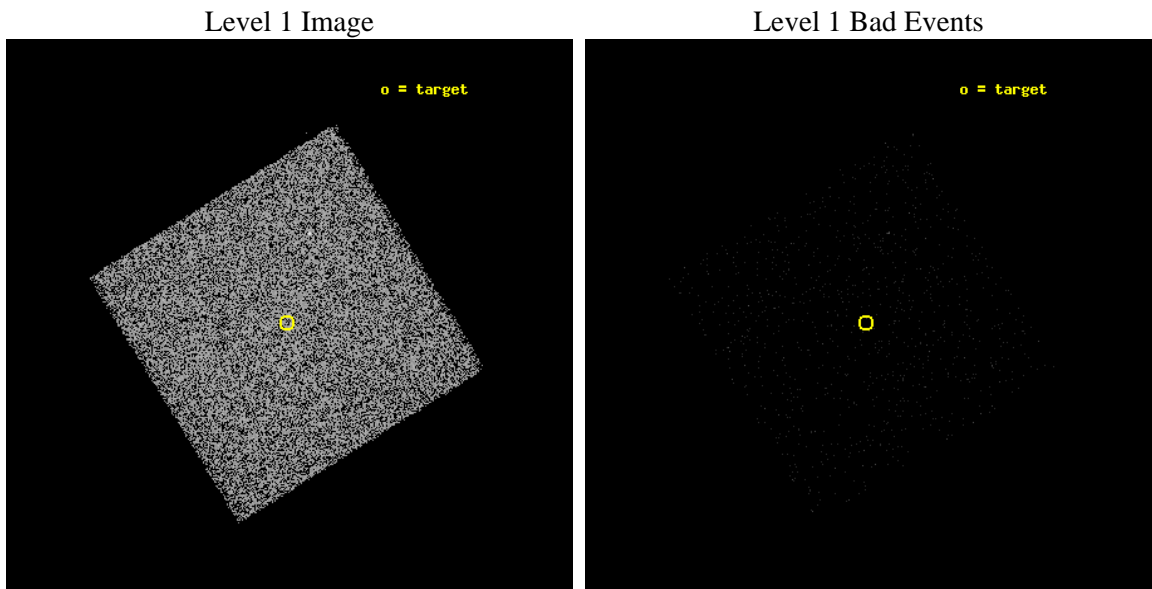
seq_num	600013	Sequence number
obs_id	253	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - South 2	Source name
ra_targ	10.1125	Observer's specified target RA [deg]
dec_targ	40.67	Observer's specified target Dec [deg]
ra_nom	10.107553955007	Nominal RA [deg]
dec_nom	40.669746269131	Nominal Dec [deg]
roll_nom	193.27466918426	Nominal Roll [deg]
revision	6	Processing version of data
ontime	871.5062829107	[s]
livetime	866.27677676292	Ontime multiplied by DTCOR
l2events	32353	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	871.5062829107	[s]
caldbver	4.5.1.1	 	l1events	57474	Number of level 1 events
date	2012-09-02T09:32:53	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

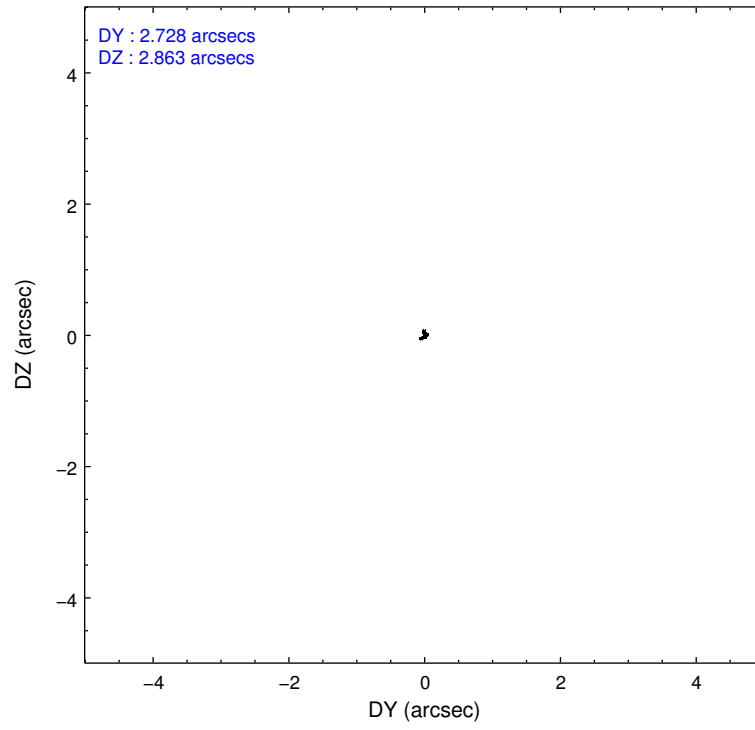
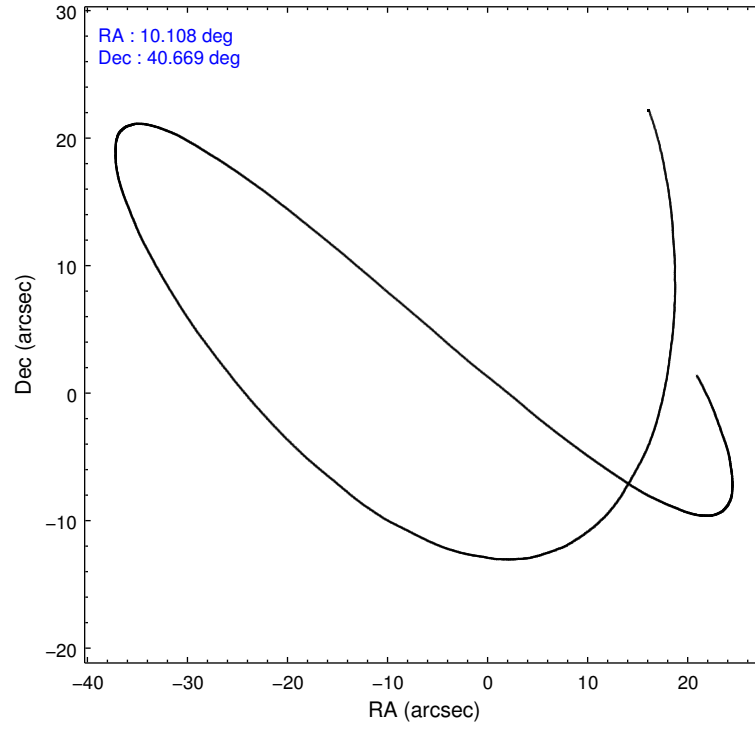
	segment 0
level 1 events	57474
rejected events	10343
rejected %	17%

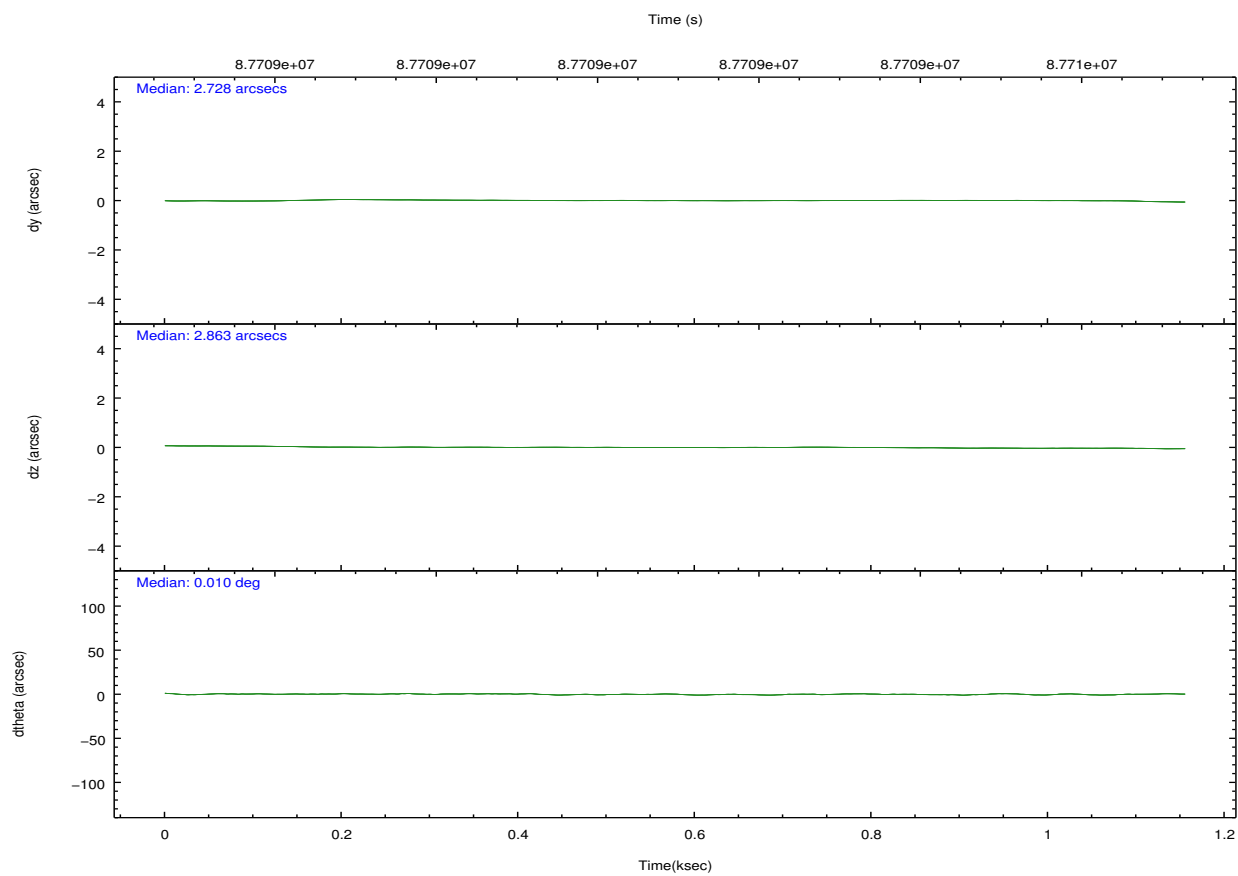
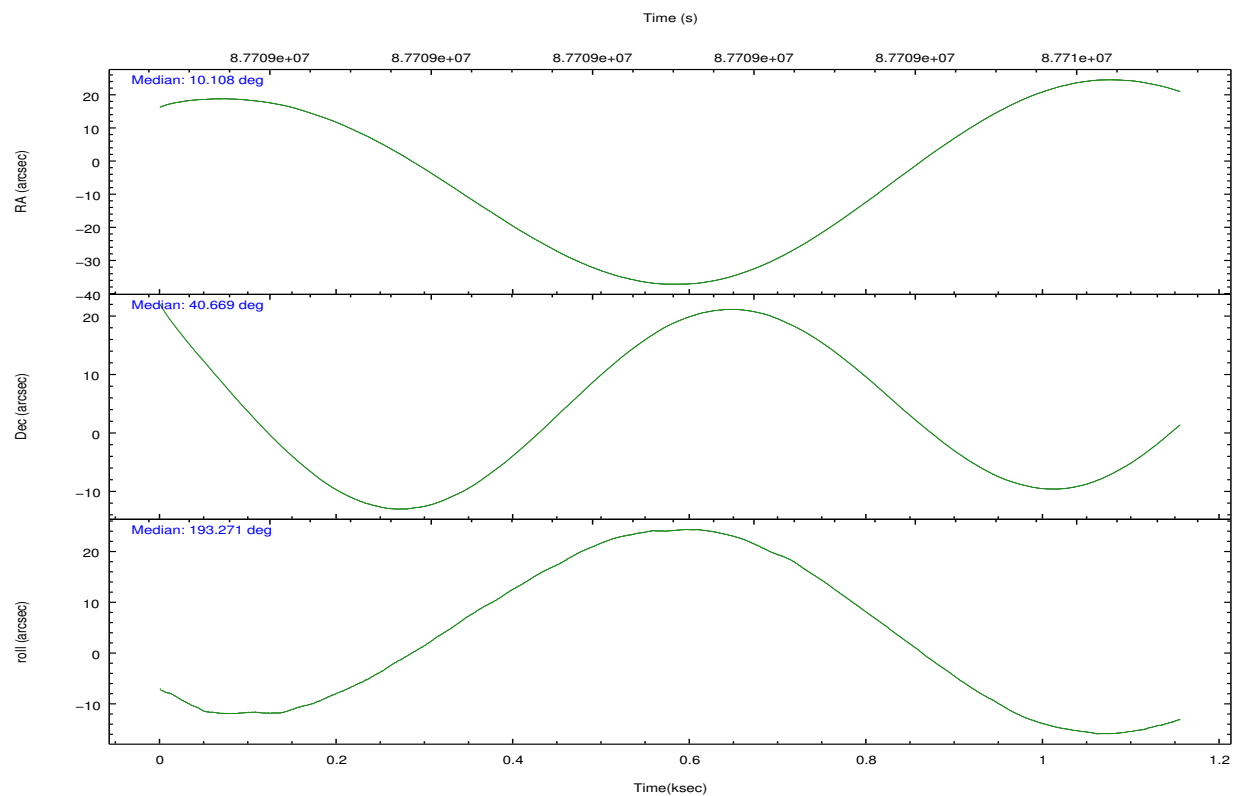
2.2 Compared Parameters

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	10.132527	10.10755395500689
[deg] Pointing Dec	40.689711	40.66974626913129
[deg] Pointing Roll	193.353844	193.2746691842591
[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)	87708676.184000	87708016.86040001
Observation start date	2000-10-12T03:30:12	2000-10-12T03:20:16
[s] Observation end time (MET)	87709676.184000	87709809.58546799
Observation end date	2000-10-12T03:46:52	2000-10-12T03:50:09

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

2.3 Aspect



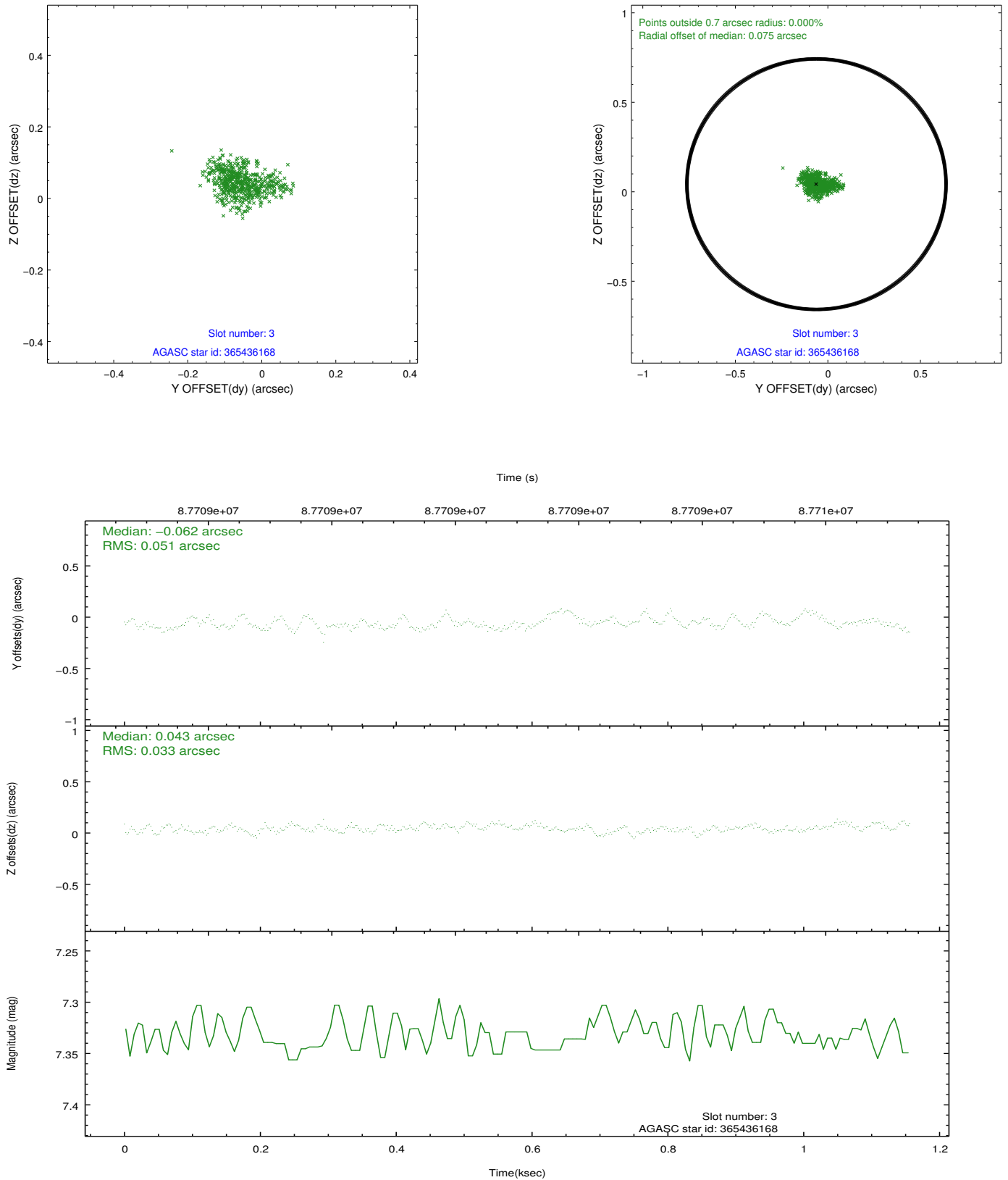


Slot Statistics

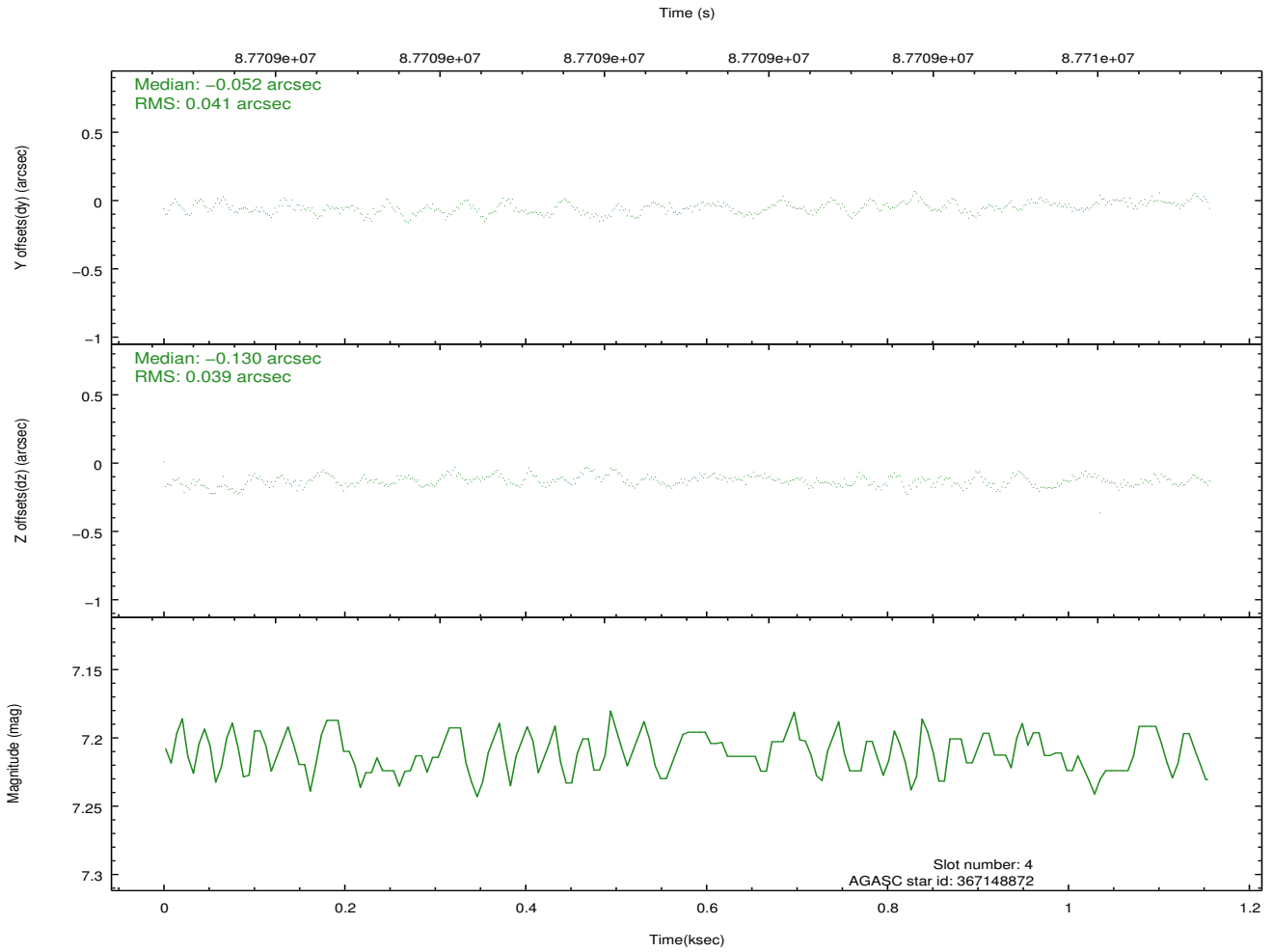
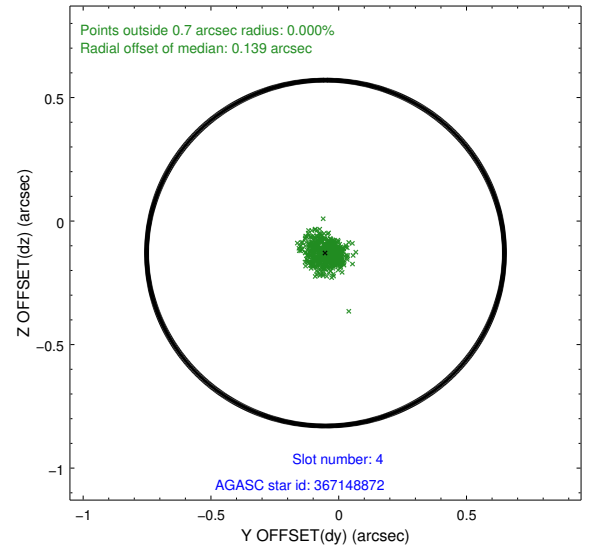
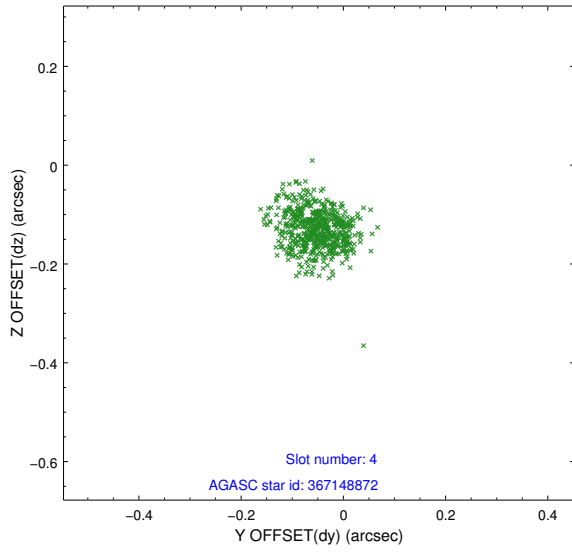
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	282	0.069	0.003	0.006	0.010	0.000000	0.000000	-758.18	-1290.56
1	FID	HRC-I-3	7.07	282	-0.001	-0.026	0.007	0.012	0.000000	0.000000	-1189.34	1009.41
2	FID	HRC-I-4	7.01	282	0.046	-0.066	0.005	0.009	0.000000	0.000000	1280.45	1015.05
3	GUIDE	365436168	7.33	565	-0.062	0.043	0.064	0.105	9.360006	40.332380	2358.03	750.20
4	GUIDE	367148872	7.21	565	-0.052	-0.130	0.060	0.098	10.505940	40.688258	-986.46	236.67
5	GUIDE	367139648	8.19	565	0.098	-0.011	0.061	0.095	11.021290	40.433909	-2160.93	1443.93
6	GUIDE	365439720	8.45	544	0.006	-0.025	0.050	0.082	9.704623	40.431022	1351.03	631.85
7	GUIDE	367658664	9.61	564	0.003	0.113	0.100	0.168	10.374070	41.369746	-1197.67	-2233.86

2.4 Star Slots

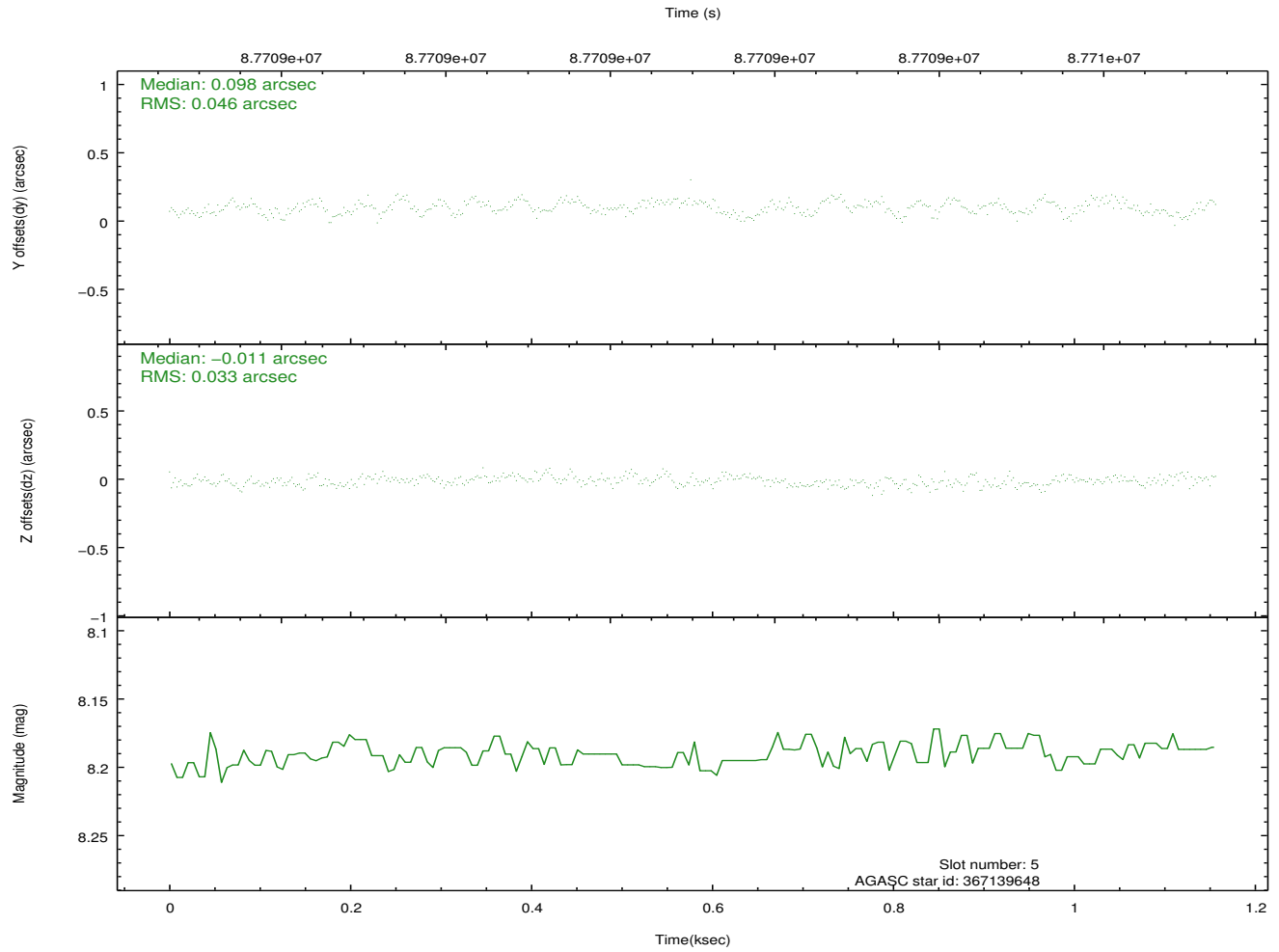
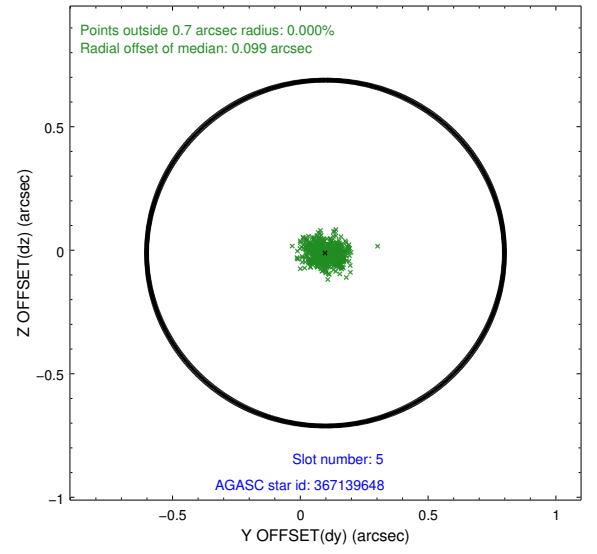
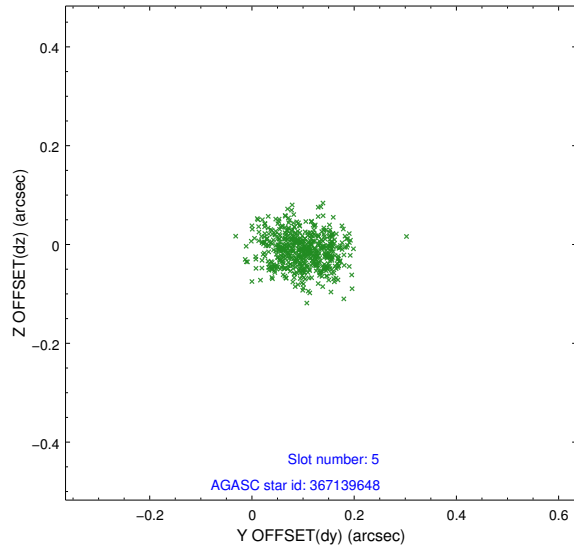
2.4.1 Slot 3



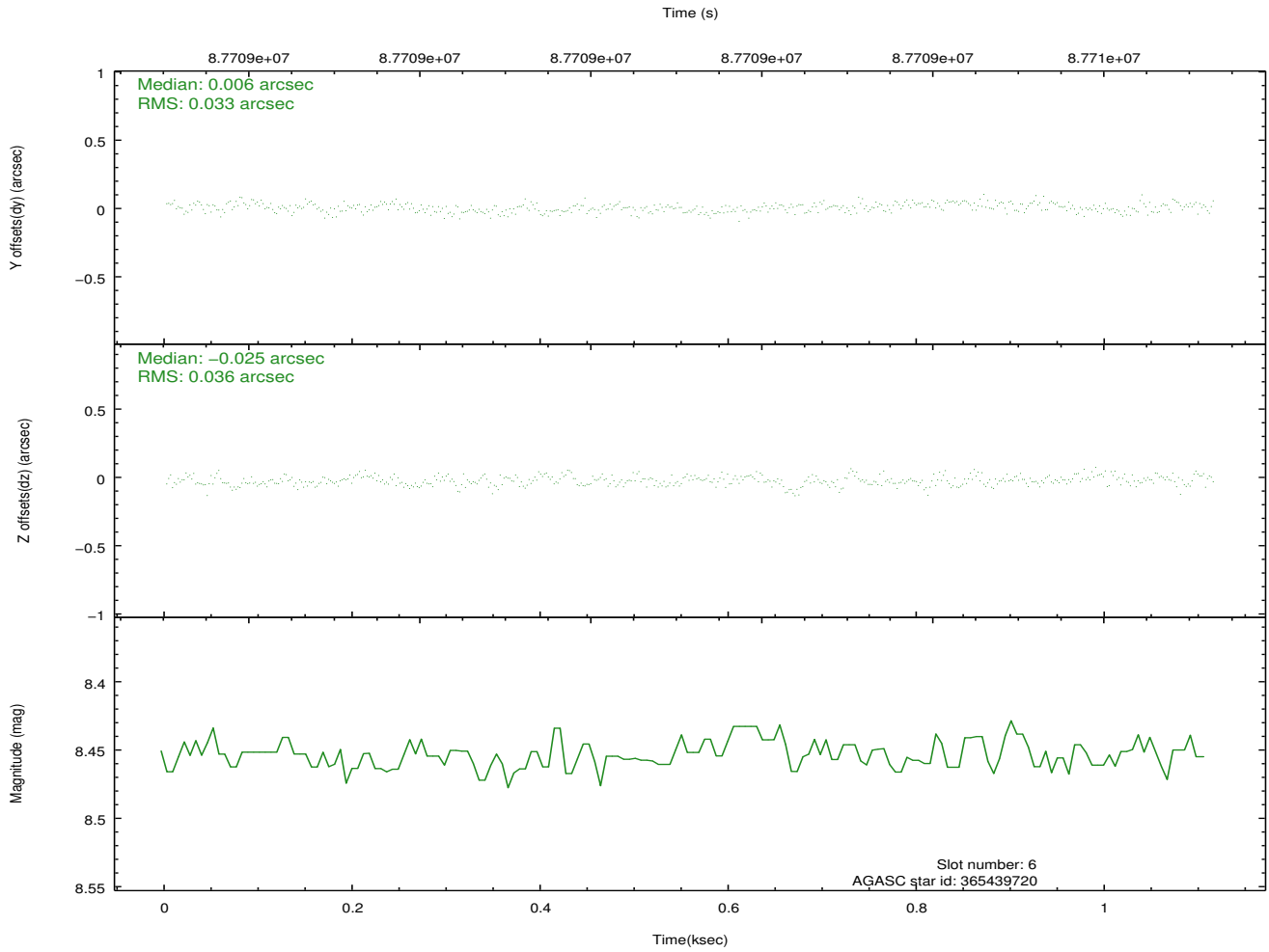
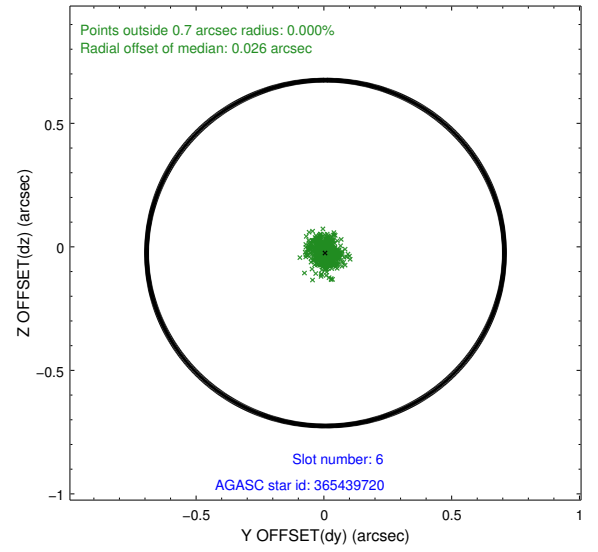
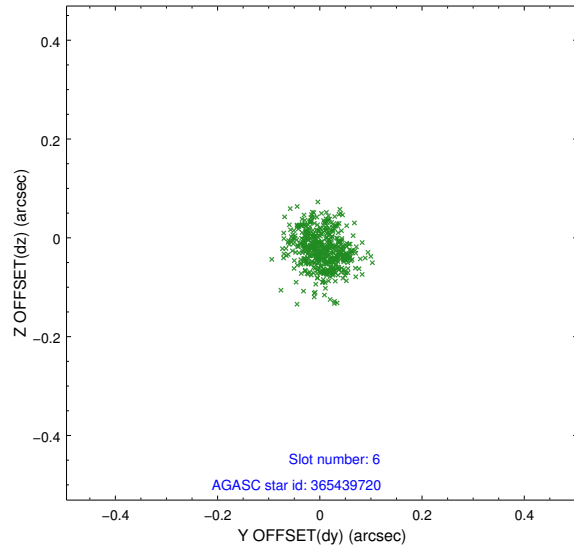
2.4.2 Slot 4



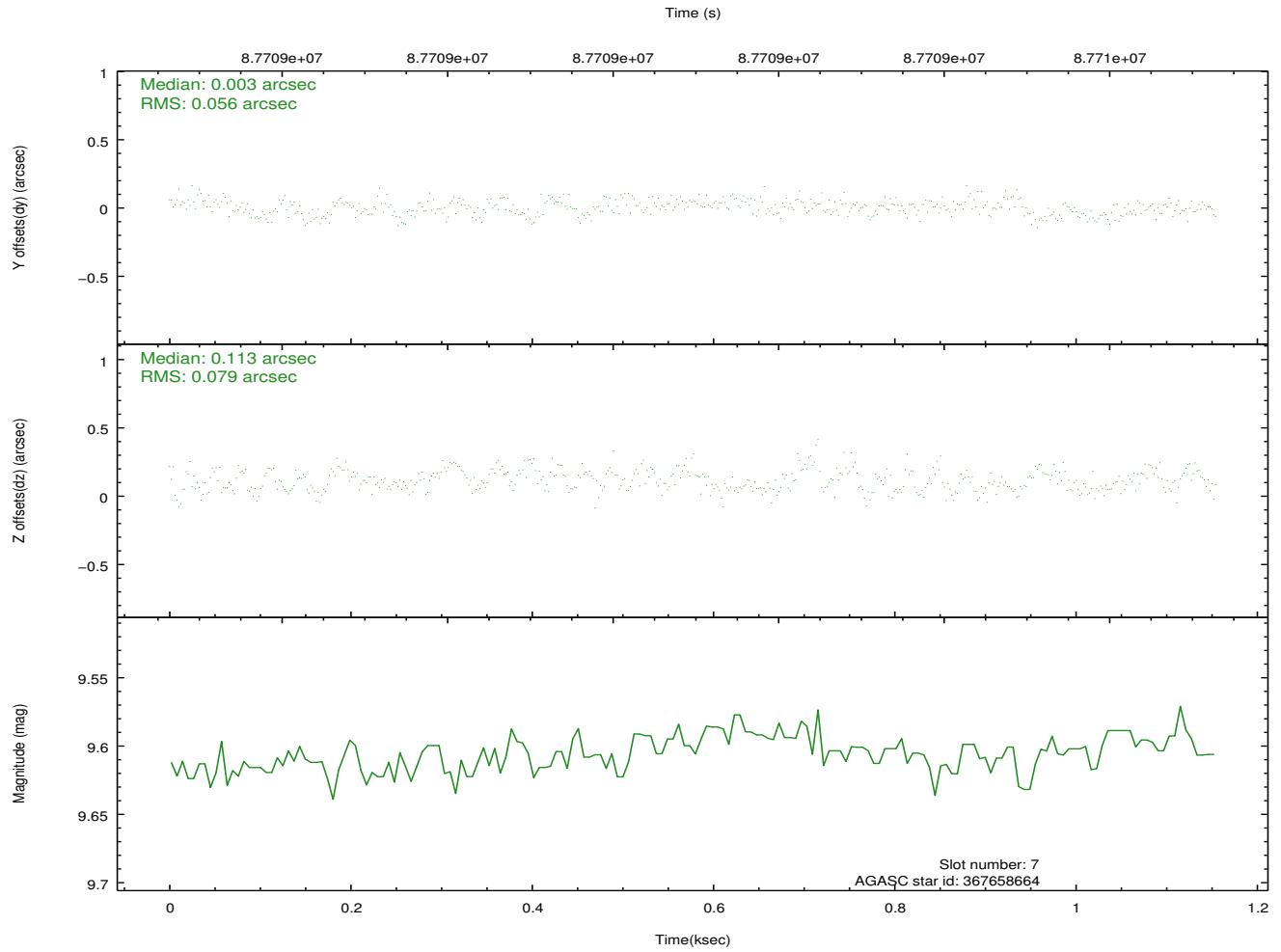
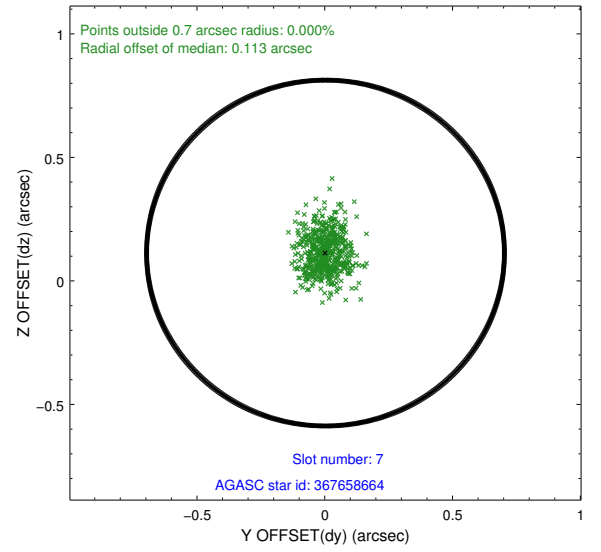
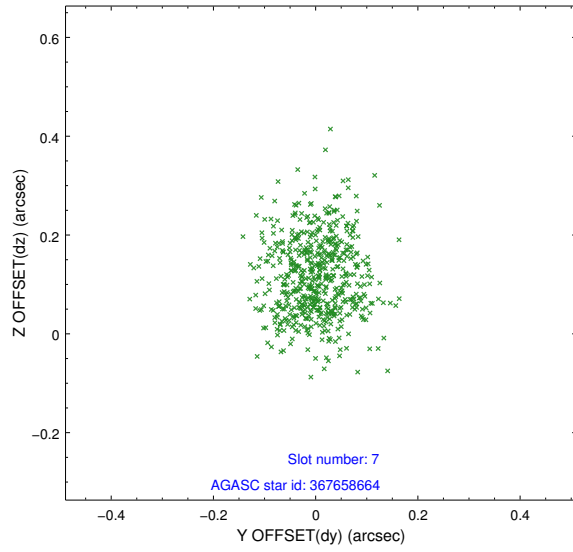
2.4.3 Slot 5



2.4.4 Slot 6

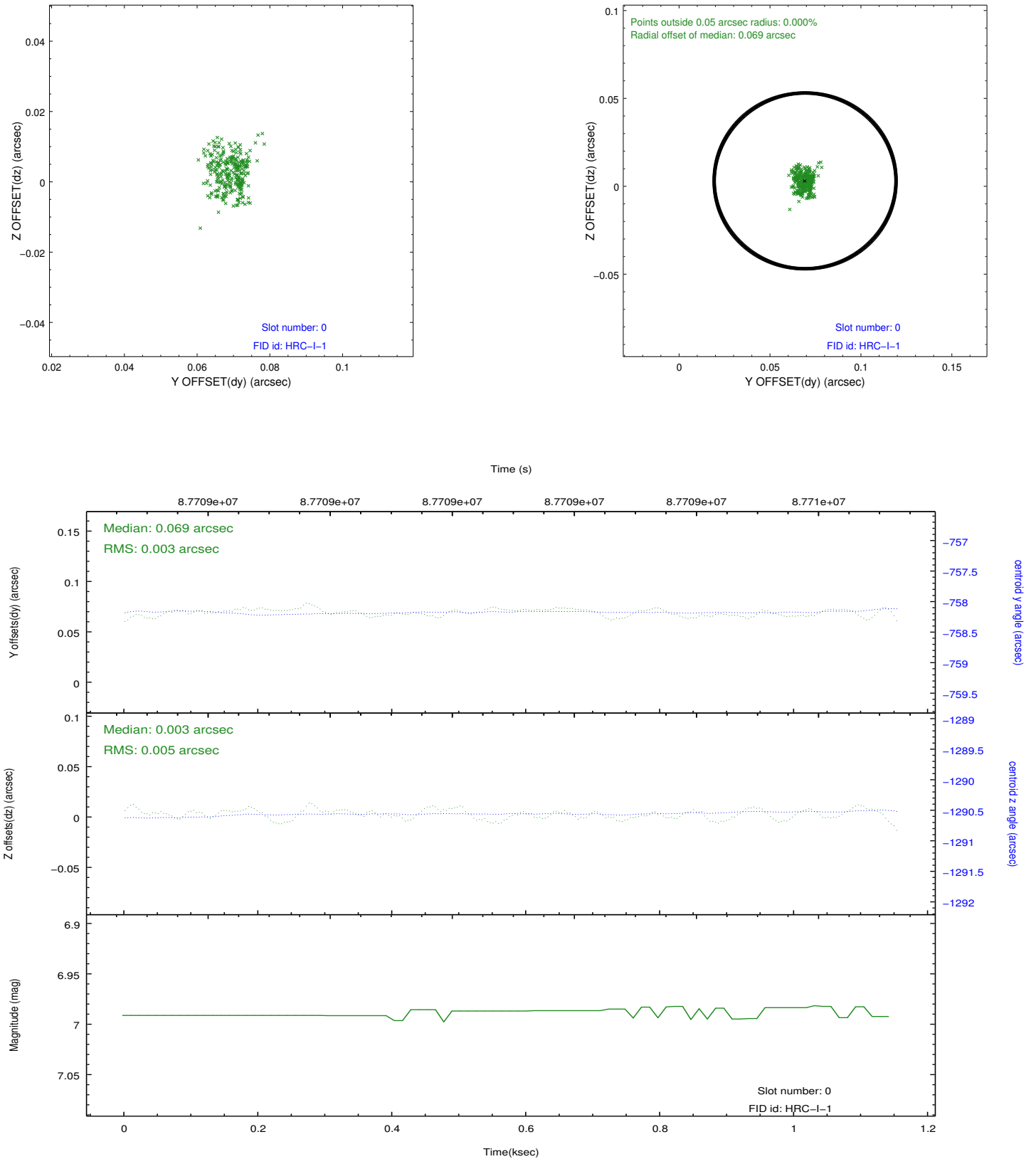


2.4.5 Slot 7

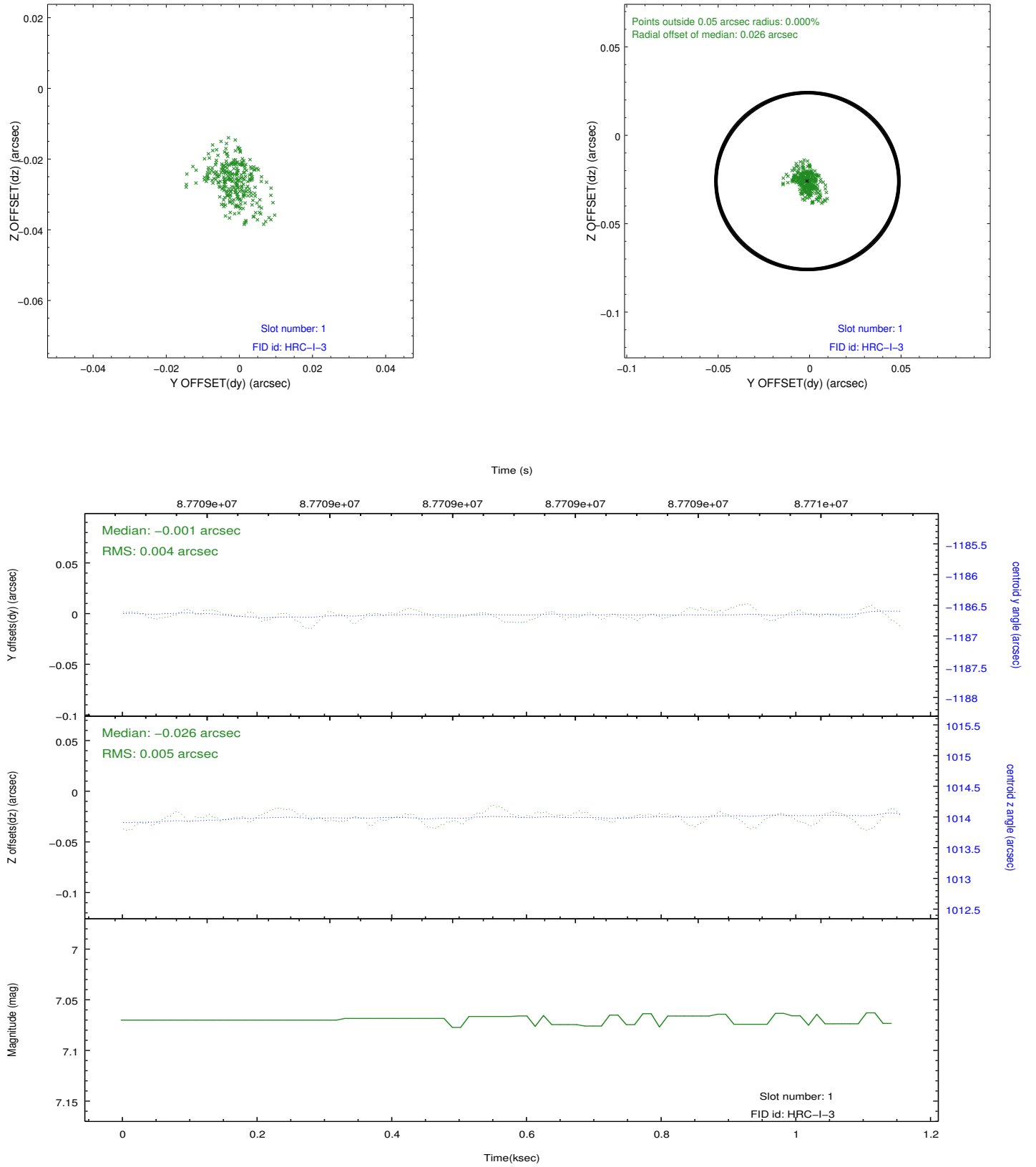


2.5 FID Slots

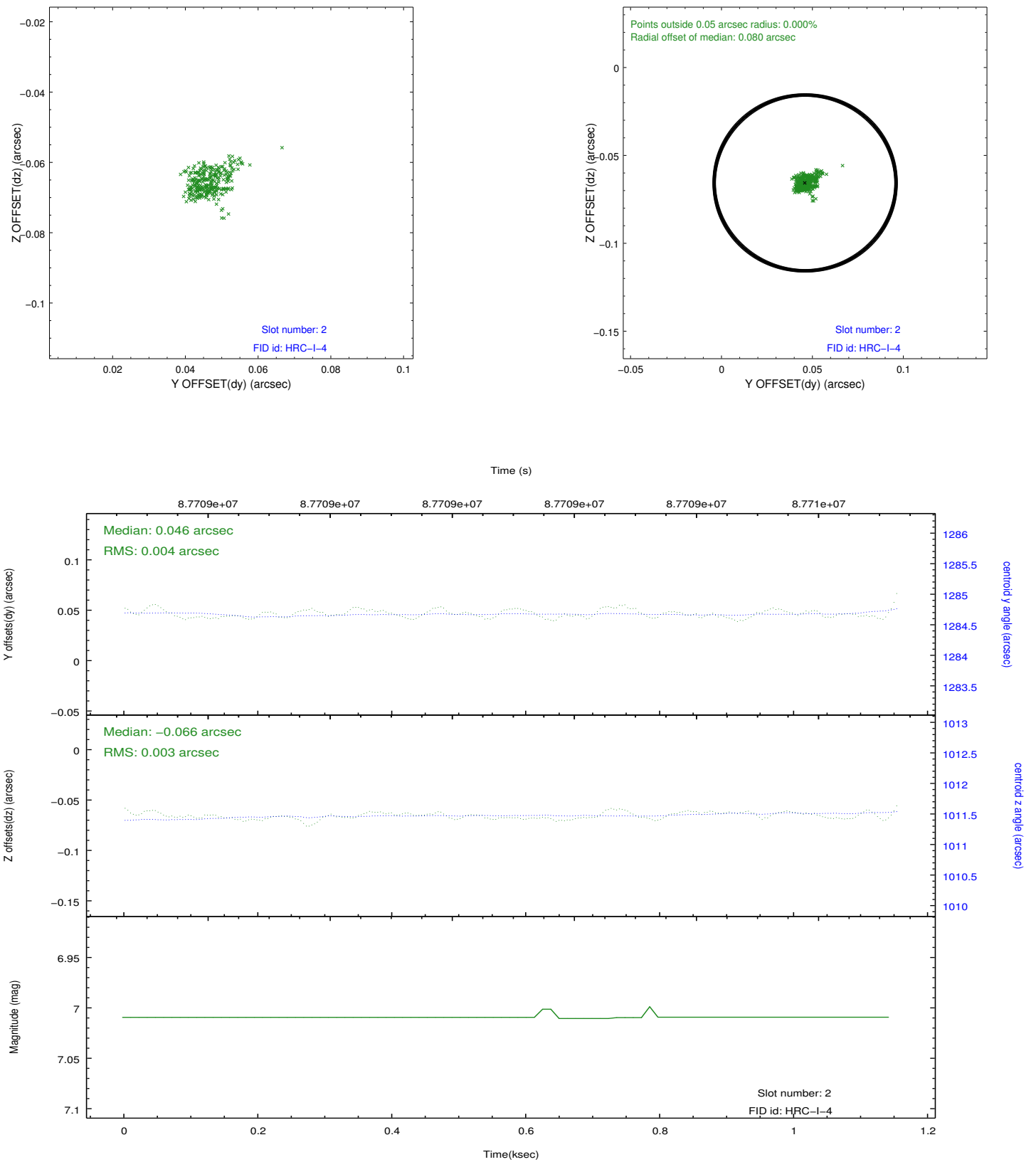
2.5.1 Slot 0



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	0.871

A.2 Comments