

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5508 - L2 Version 4
Chandra X-Ray Center

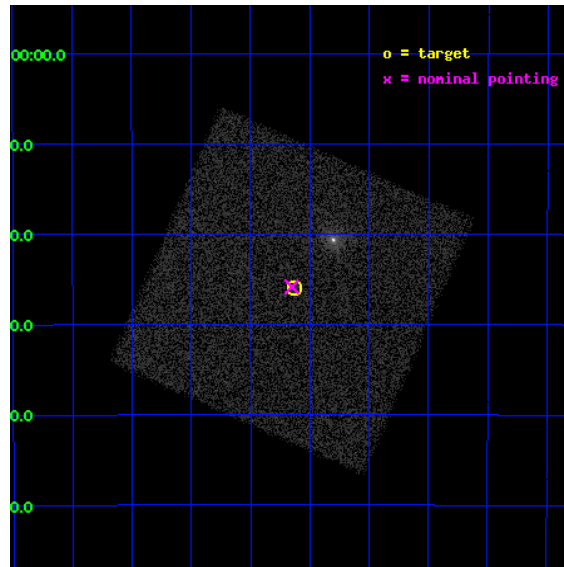
L2 Processing Date : Dec 24 2012

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1 Front

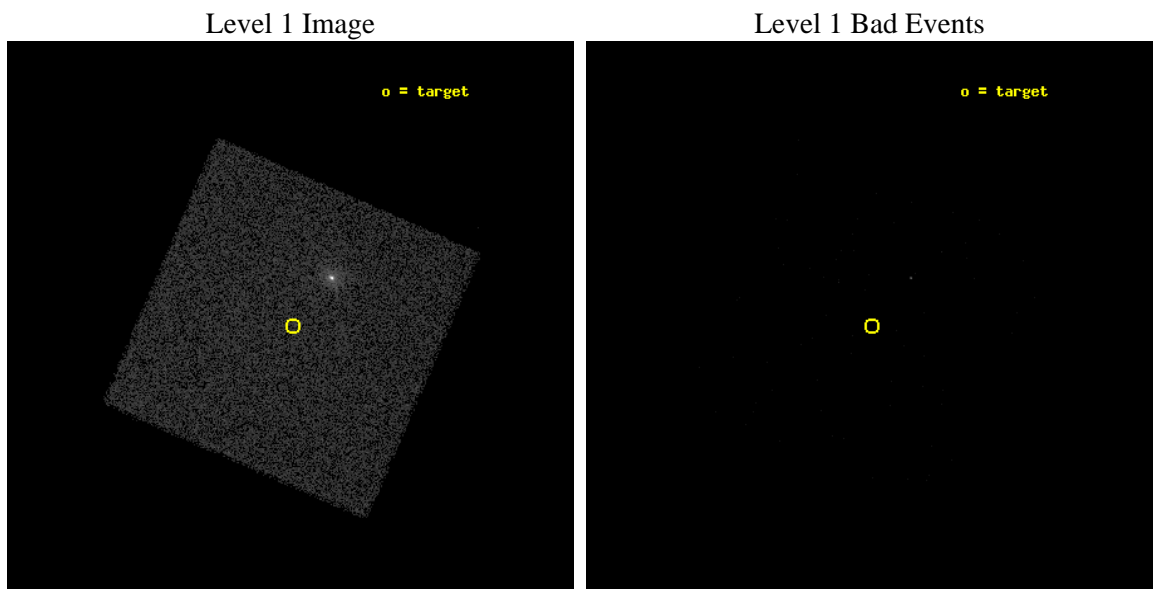
seq_num	400438	Sequence number
obs_id	5508	Observation id
title	Precise Localization of Neutron Star Soft X-ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	XTE J1747-274	Source name
ra_targ	266.908333	Observer's specified target RA [deg]
dec_targ	-27.433333	Observer's specified target Dec [deg]
ra_nom	266.91277931942	Nominal RA [deg]
dec_nom	-27.430688005575	Nominal Dec [deg]
roll_nom	68.585996740678	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1118.2750510275	[s]
livetime	1109.703450369	Ontime multiplied by DTCOR
l2events	50510	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	8.5.1.1	Processing system revision	ontime	1118.2750510275	[s]
caldbver	4.5.5	 	l1events	153439	Number of level 1 events
date	2012-12-24T13:28:32	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

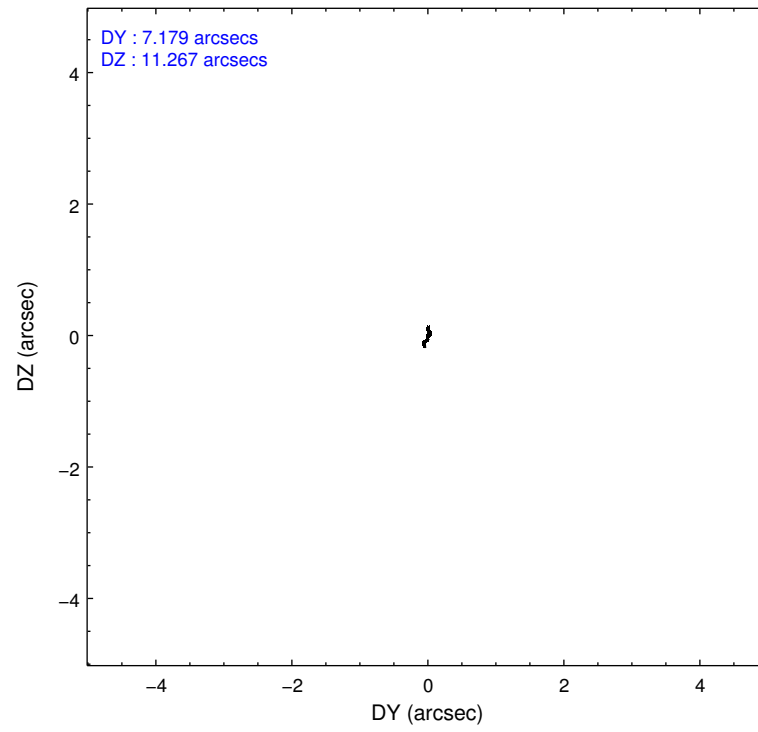
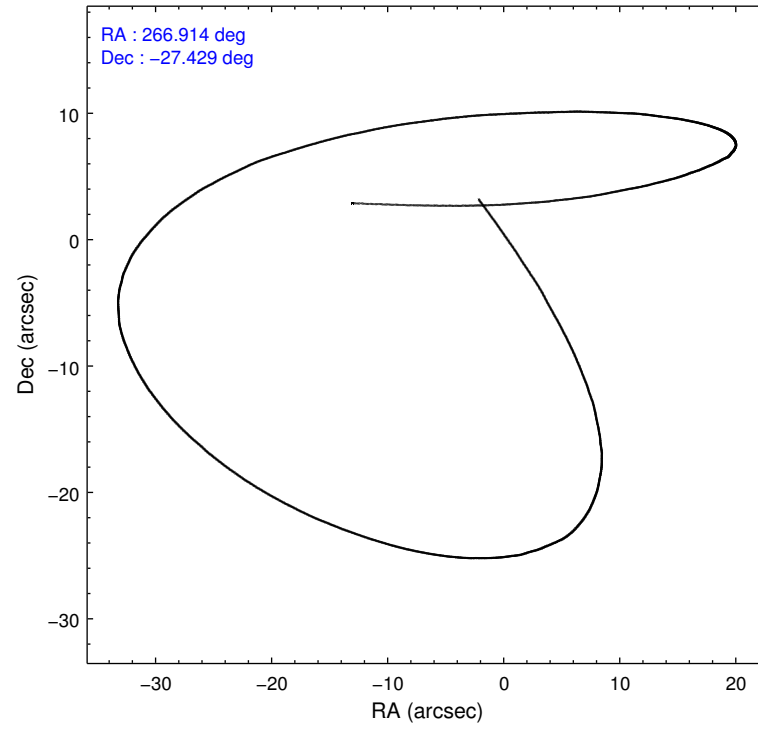
	segment 0
level 1 events	153439
rejected events	81001
rejected %	52%

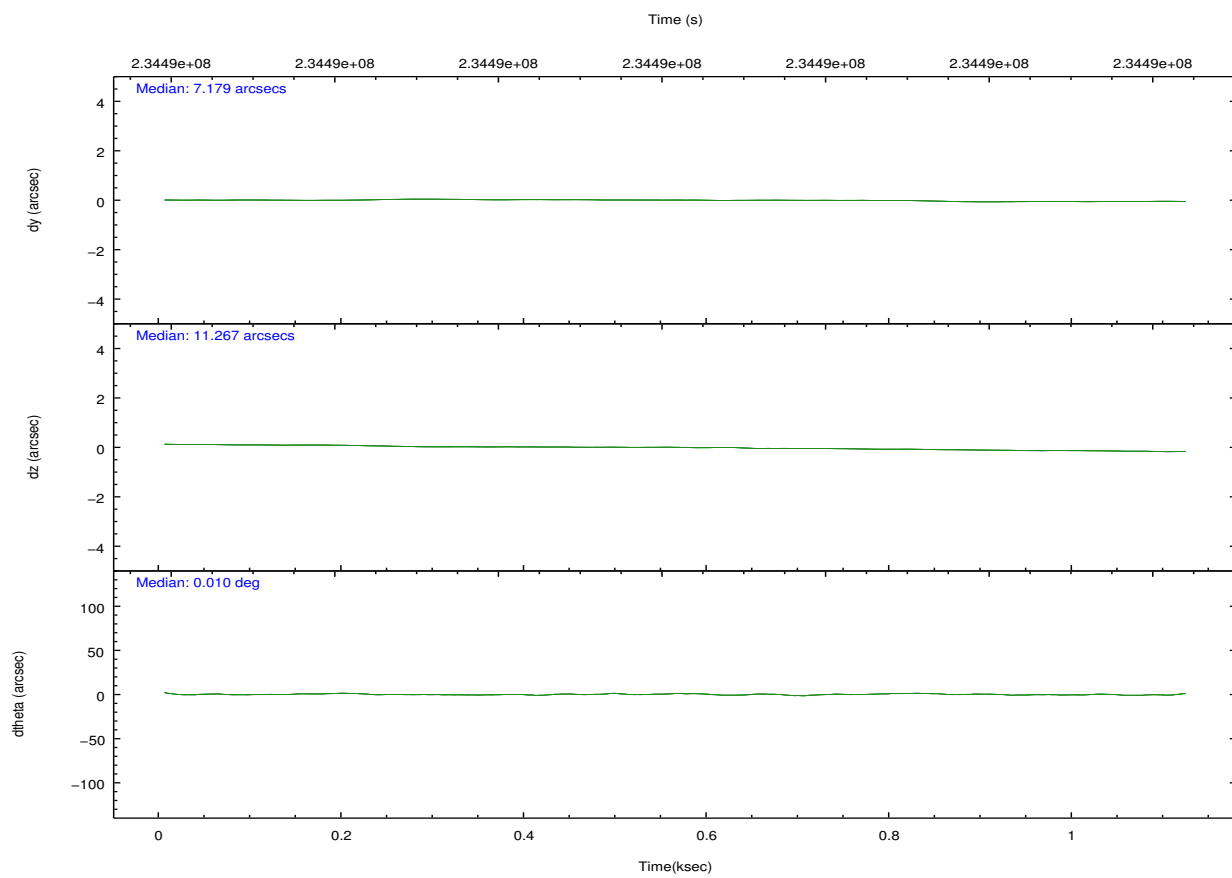
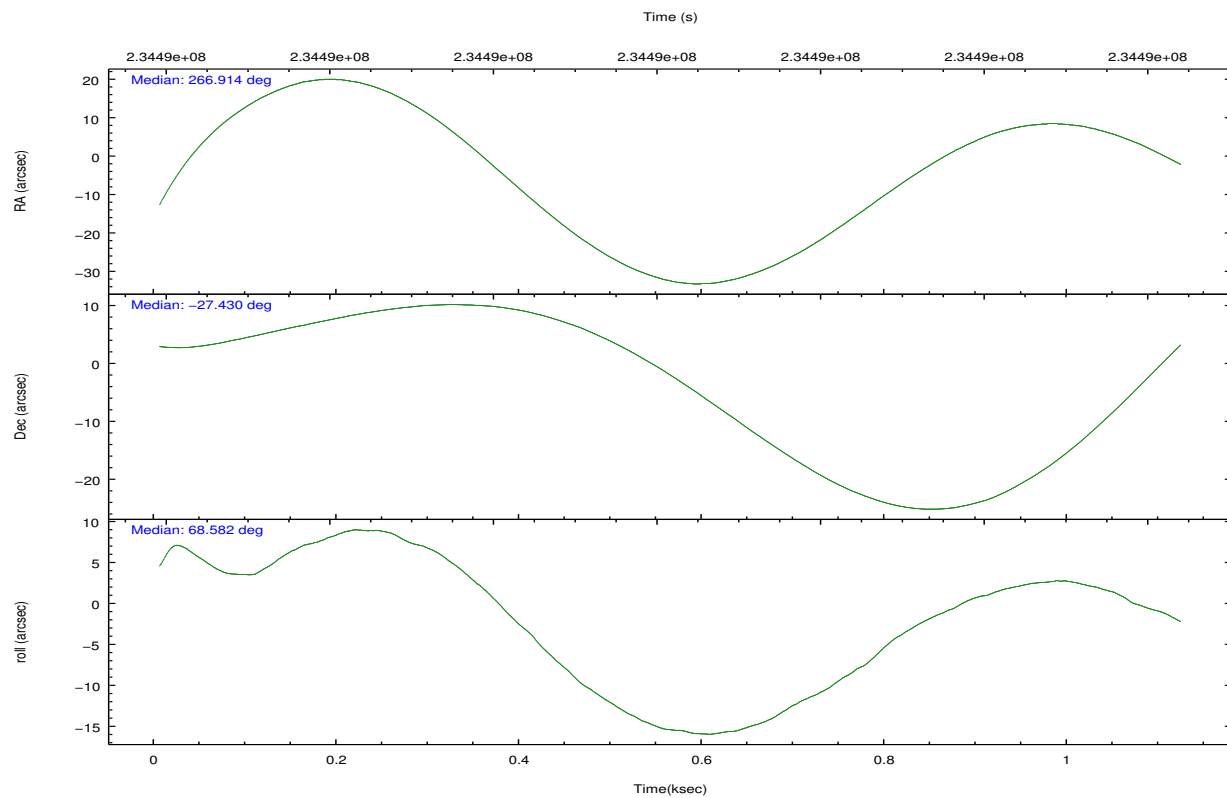
2.2 Compared Parameters

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	266.916855	266.9127793194153
[deg] Pointing Dec	-27.457040	-27.43068800557466
[deg] Pointing Roll	68.683194	68.5859967406785
[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)	234490781.184000	234489397.02727
Observation start date	2005-06-07T00:18:37	2005-06-06T23:56:37
[s] Observation end time (MET)	234491781.184000	234492444.86491
Observation end date	2005-06-07T00:35:17	2005-06-07T00:47:24

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

2.3 Aspect



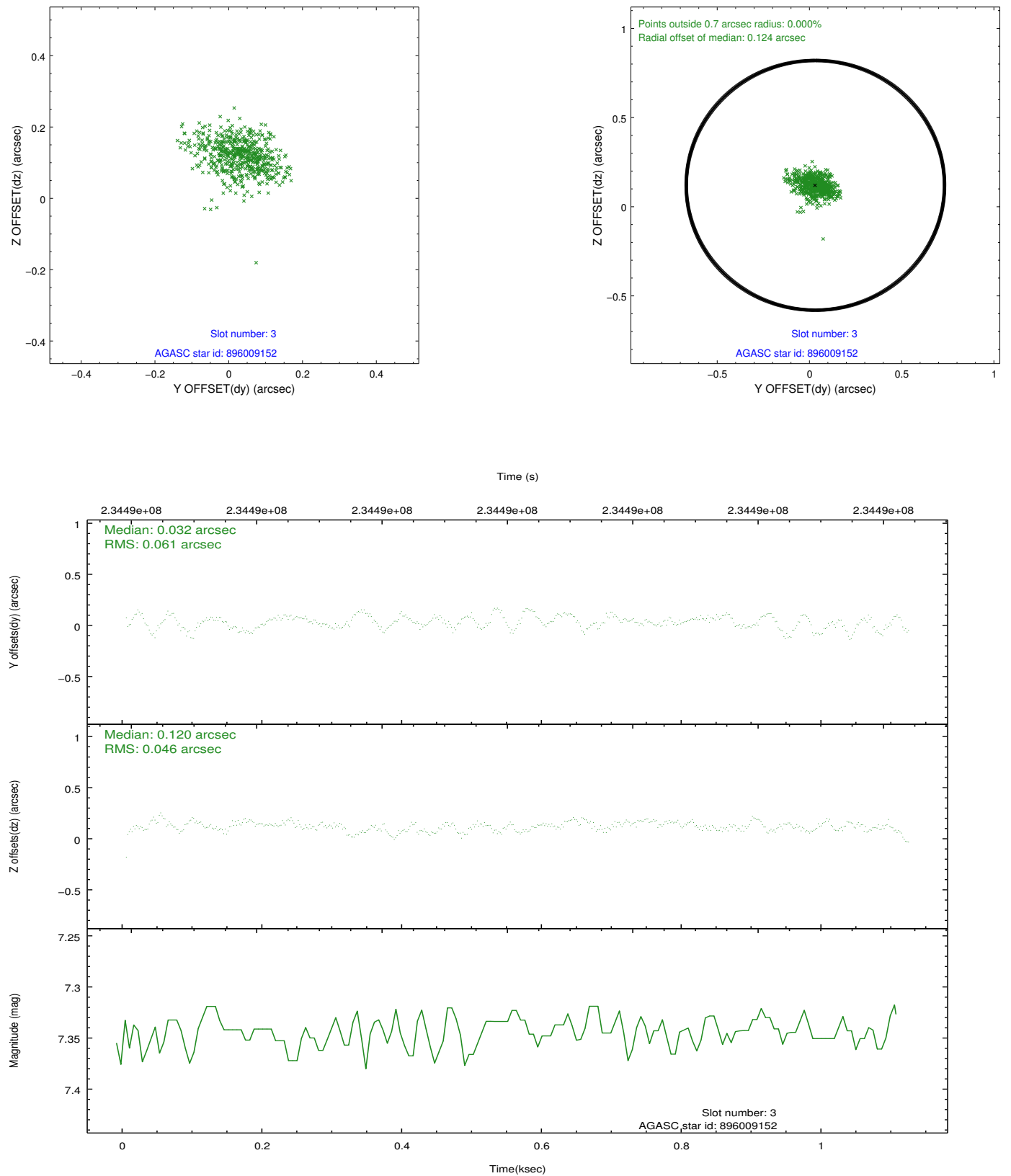


Slot Statistics

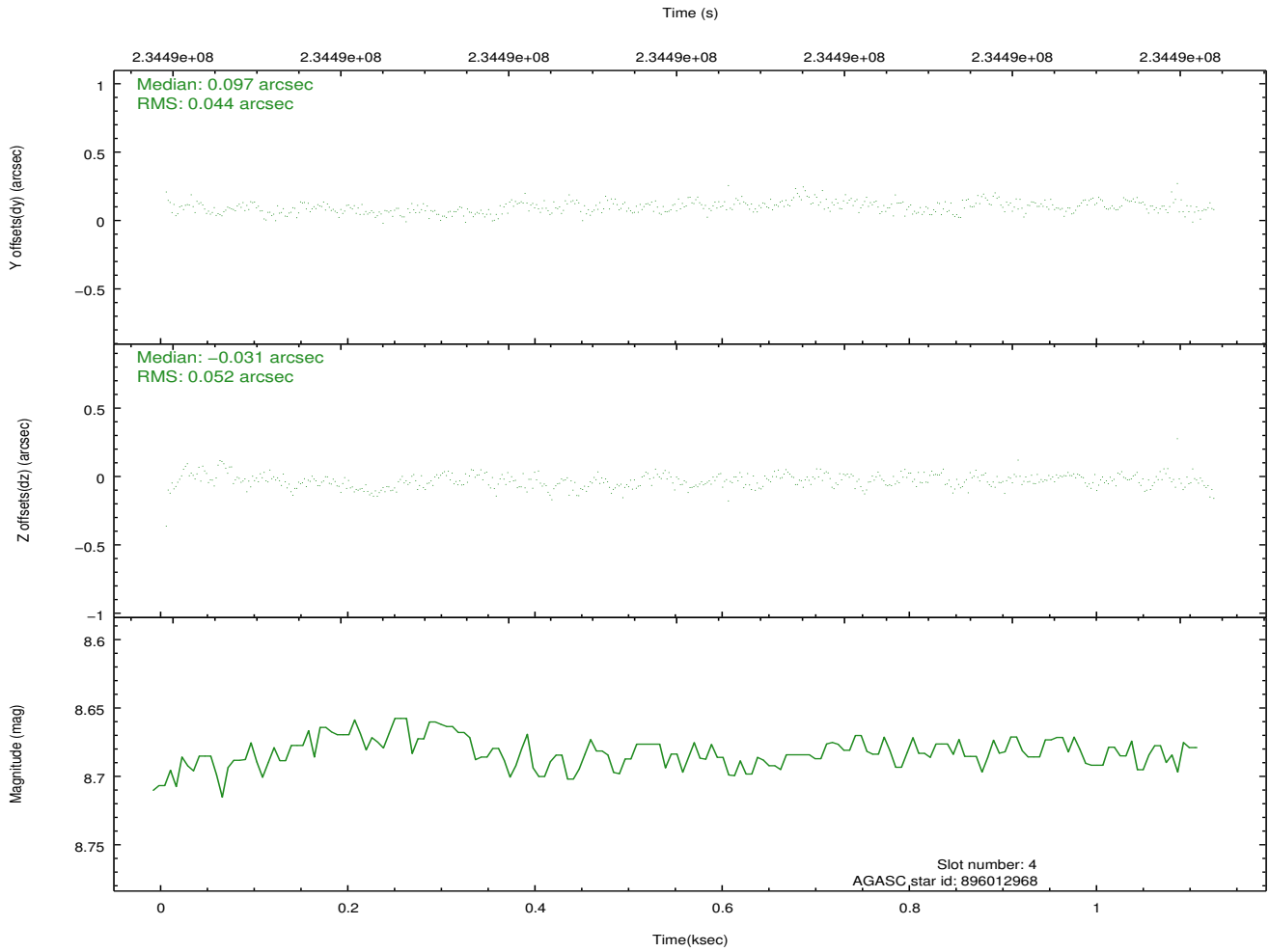
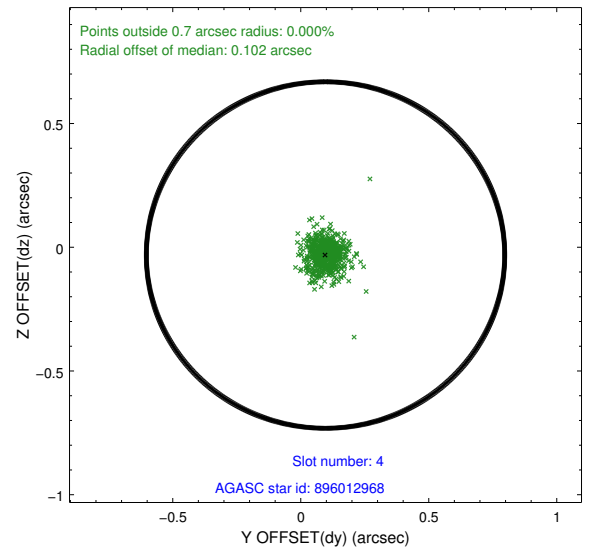
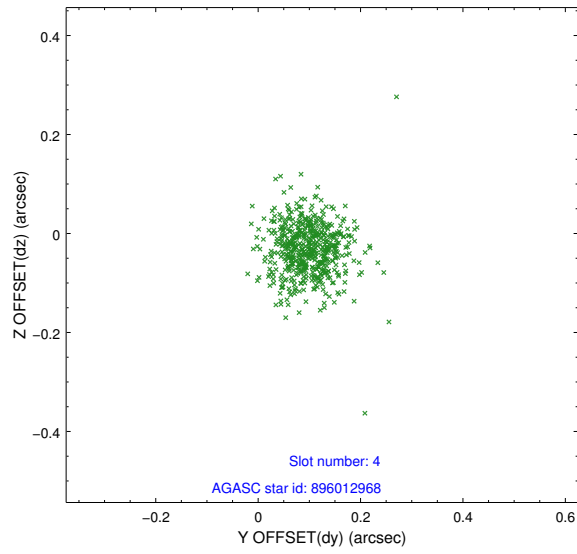
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	273	0.011	-0.018	0.008	0.014	0.000000	0.000000	-762.78	-1299.21
1	FID	HRC-I-3	7.10	273	-0.046	-0.062	0.008	0.015	0.000000	0.000000	-1194.06	1000.56
2	FID	HRC-I-4	7.06	273	0.149	-0.008	0.006	0.010	0.000000	0.000000	1275.84	1006.58
3	GUIDE	896009152	7.34	547	0.032	0.120	0.079	0.135	267.588100	-27.061669	2102.80	-1485.12
4	GUIDE	896012968	8.68	547	0.097	-0.031	0.068	0.115	266.634547	-27.600471	-805.48	652.18
5	GUIDE	896013040	7.35	547	-0.074	-0.115	0.077	0.114	266.506589	-26.972299	1143.51	1865.07
6	GUIDE	896014528	7.67	547	-0.036	-0.098	0.050	0.080	266.628858	-27.438607	-271.66	888.26
7	GUIDE	896540888	7.90	546	-0.017	0.127	0.063	0.101	267.212234	-28.246138	-2307.30	-1900.25

2.4 Star Slots

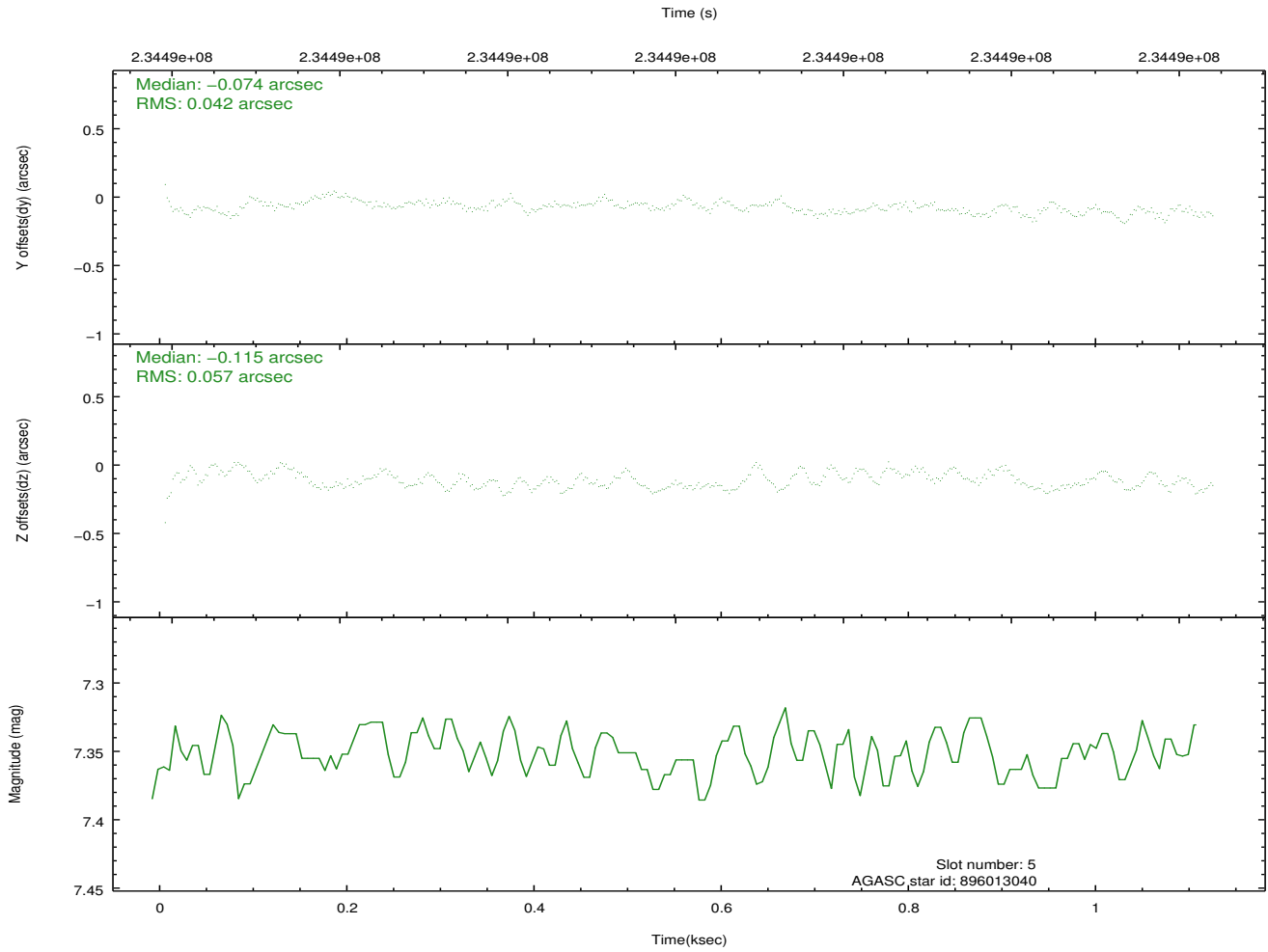
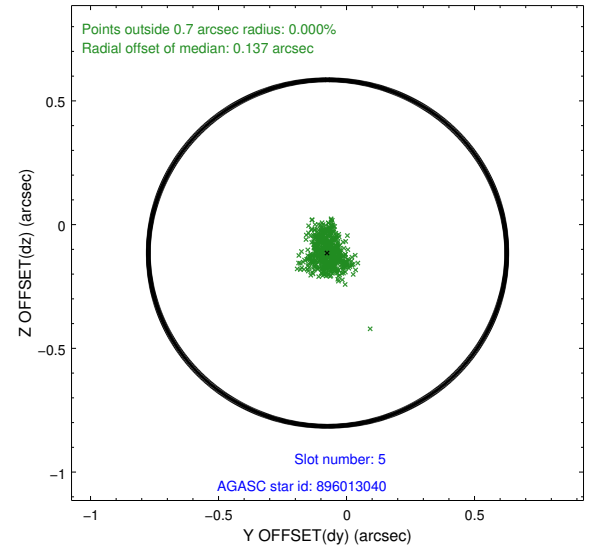
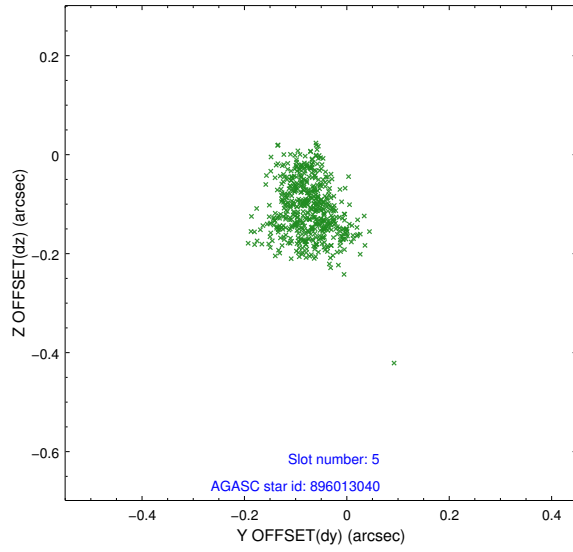
2.4.1 Slot 3



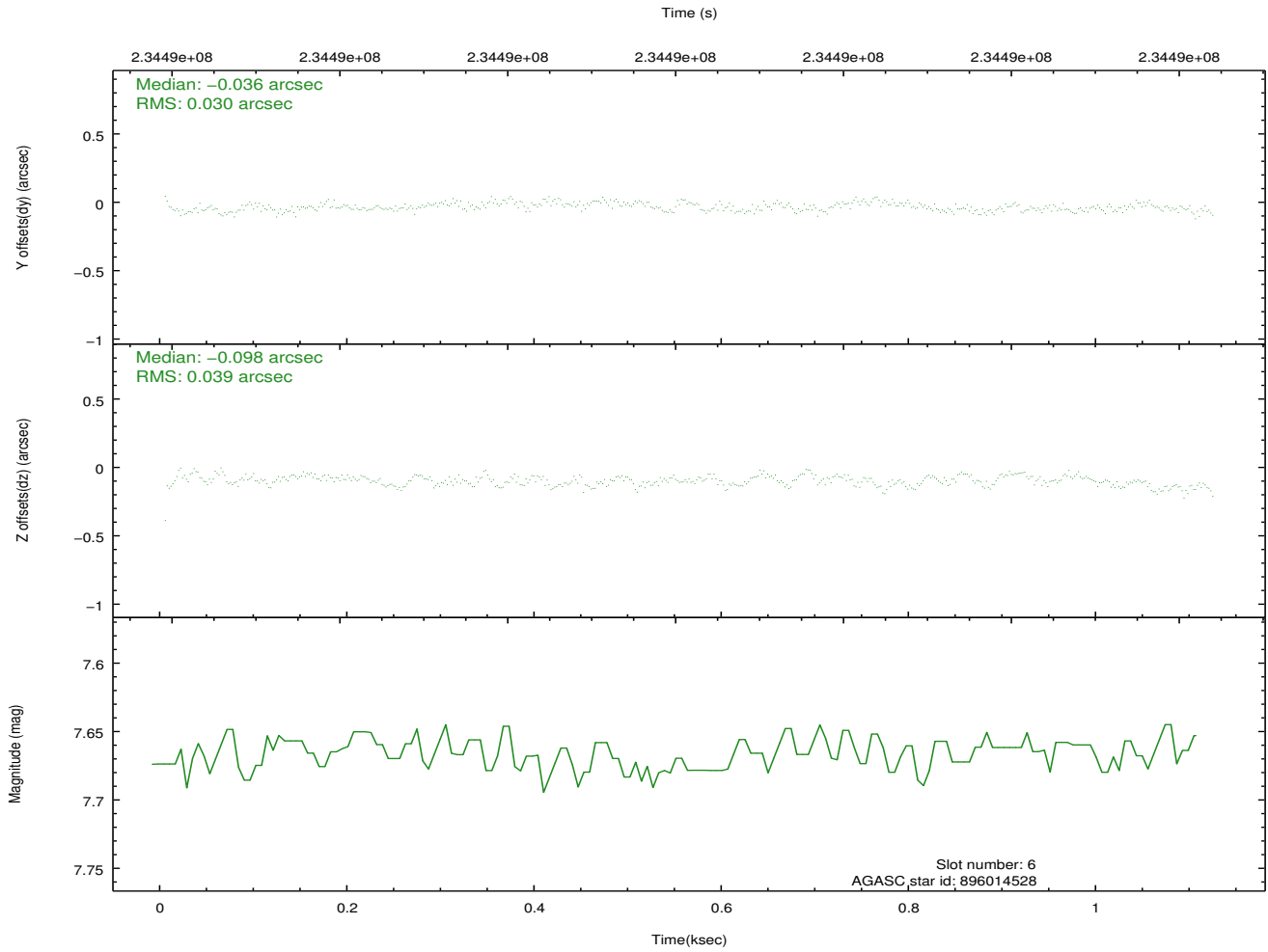
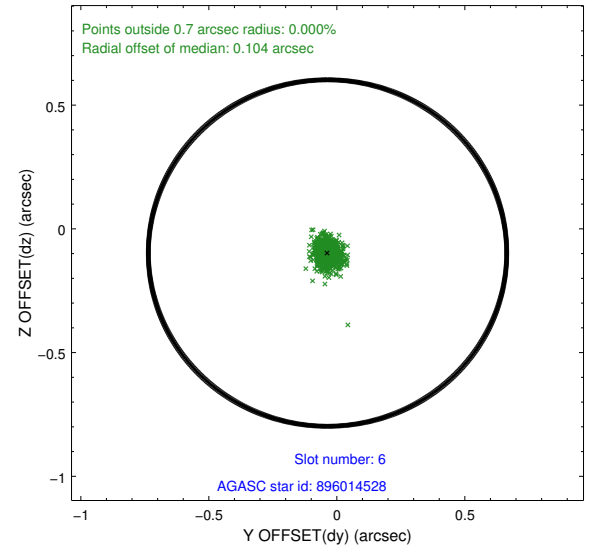
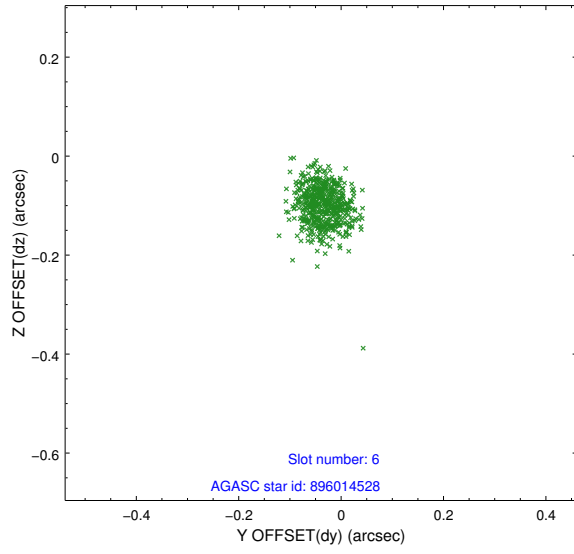
2.4.2 Slot 4



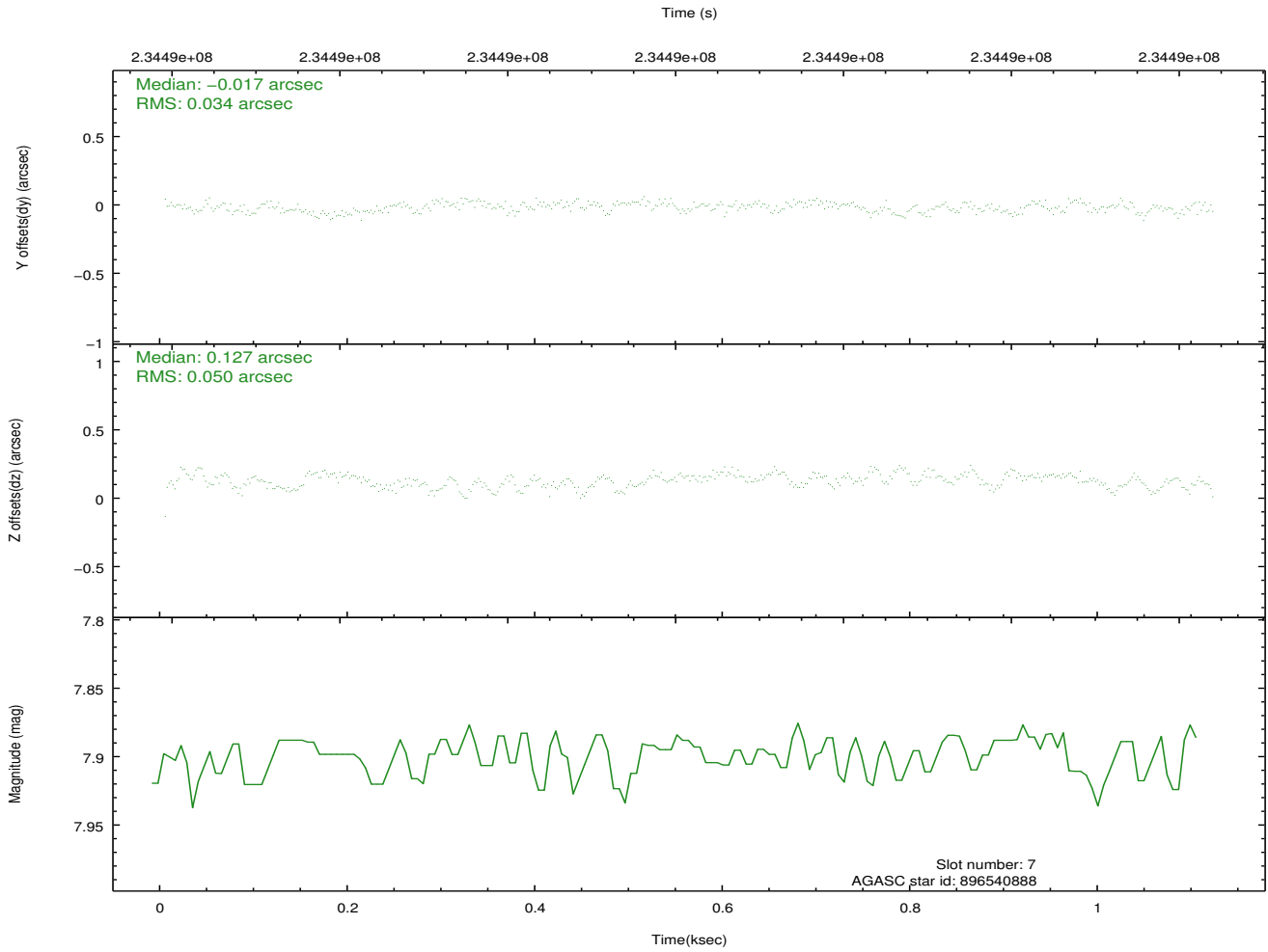
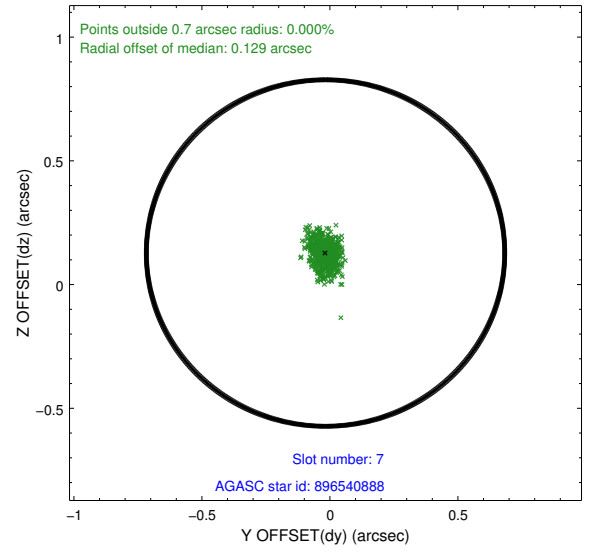
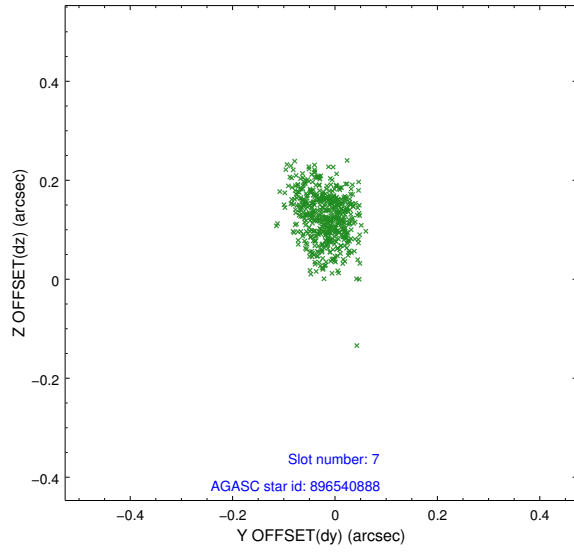
2.4.3 Slot 5



2.4.4 Slot 6

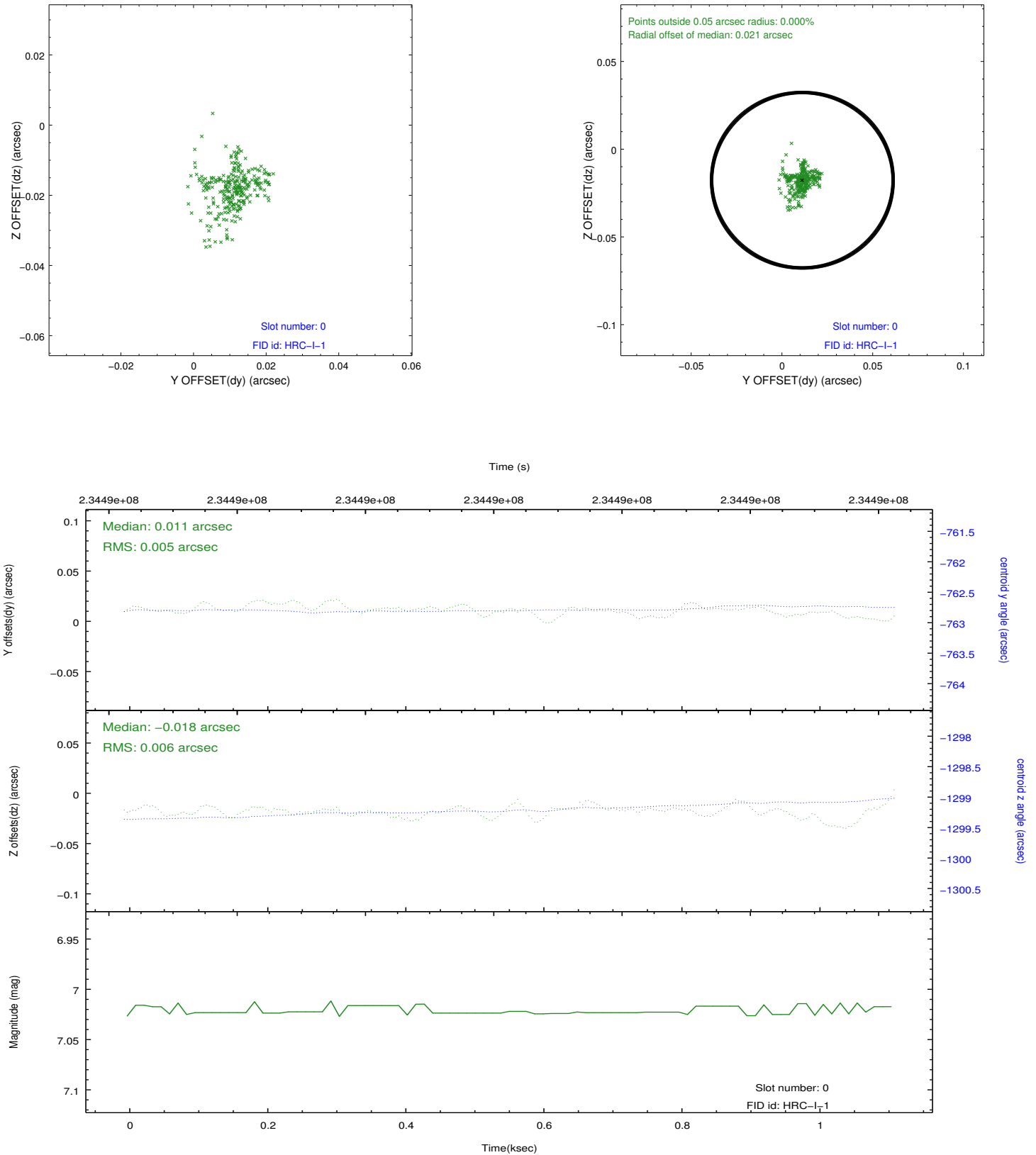


2.4.5 Slot 7

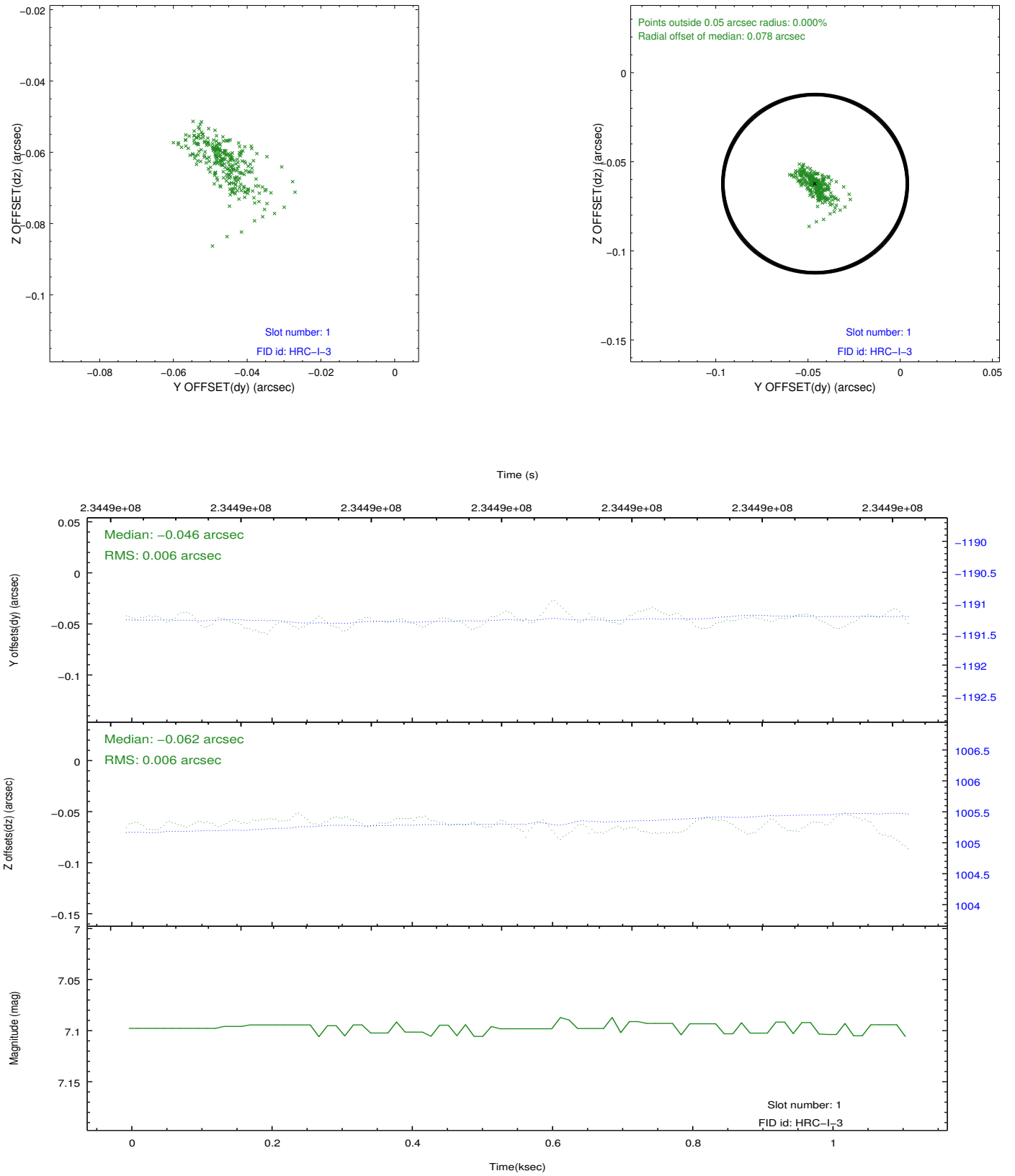


2.5 FID Slots

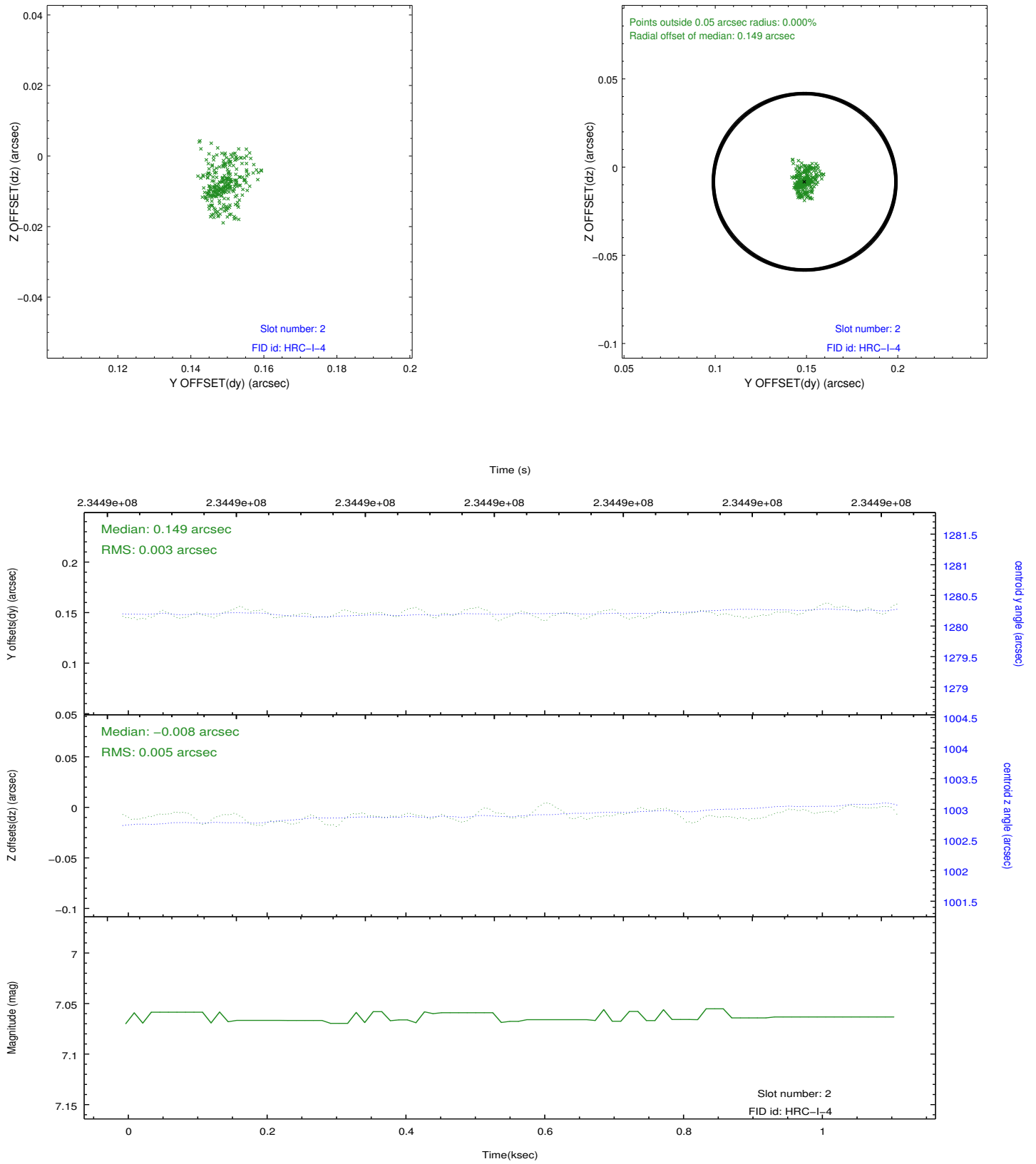
2.5.1 Slot 0



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)	2013.01.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.118531

A.2 Comments