

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6502 - L2 Version 3
Chandra X-Ray Center

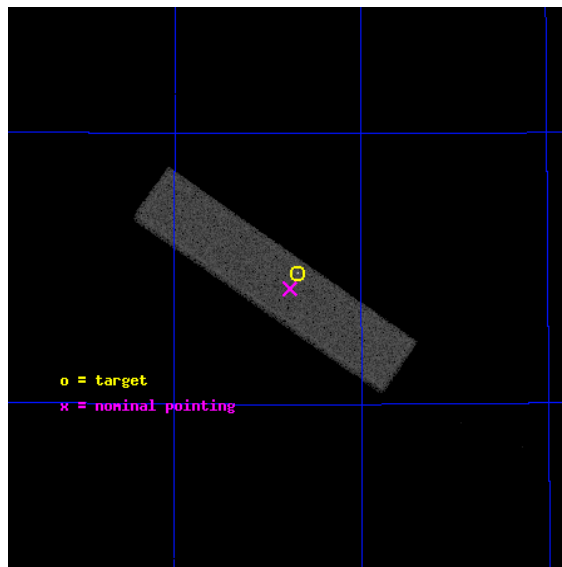
L2 Processing Date : Aug 11 2012

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1 Front

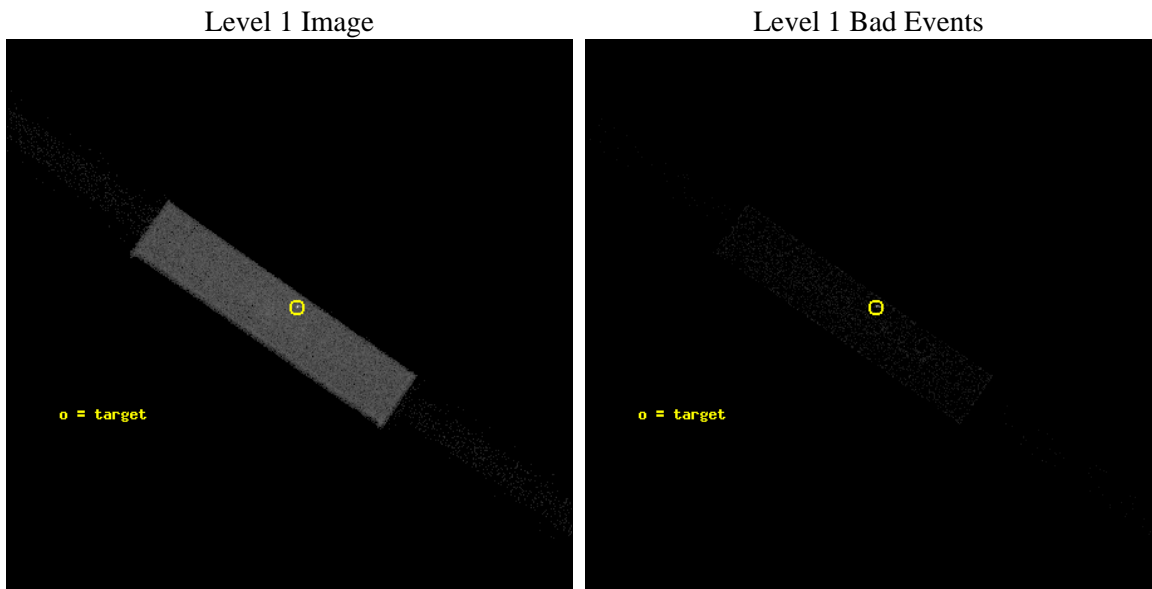
seq_num	290595	Sequence number
obs_id	6502	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.19078903366	Nominal RA [deg]
dec_nom	45.713224378136	Nominal Dec [deg]
roll_nom	214.69992338153	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1146.975053966	[s]
livetime	1138.1013078434	Ontime multiplied by DTCOR
l2events	62410	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	1146.975053966	[s]
caldsver	4.5.1.1	 	l1events	100744	Number of level 1 events
date	2012-08-11T13:50:39	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

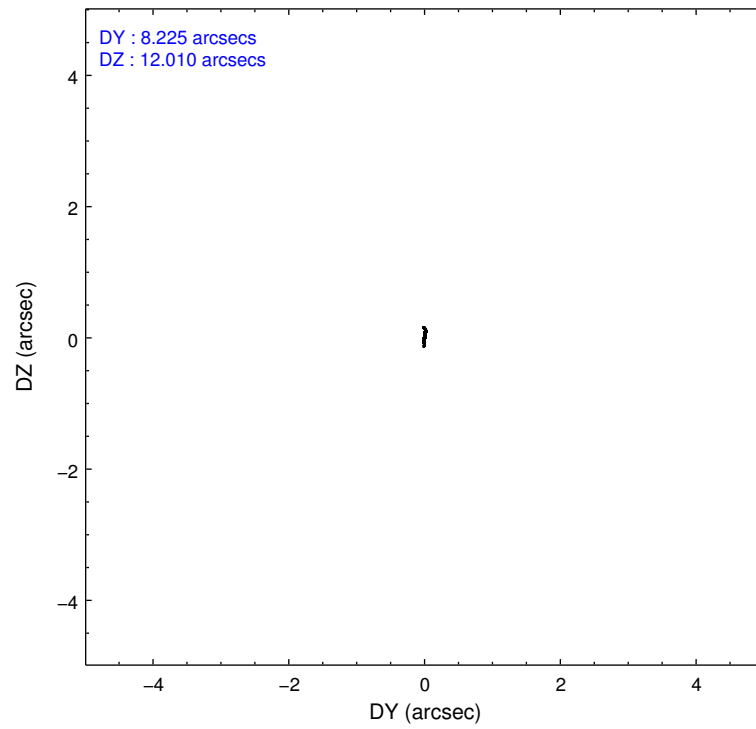
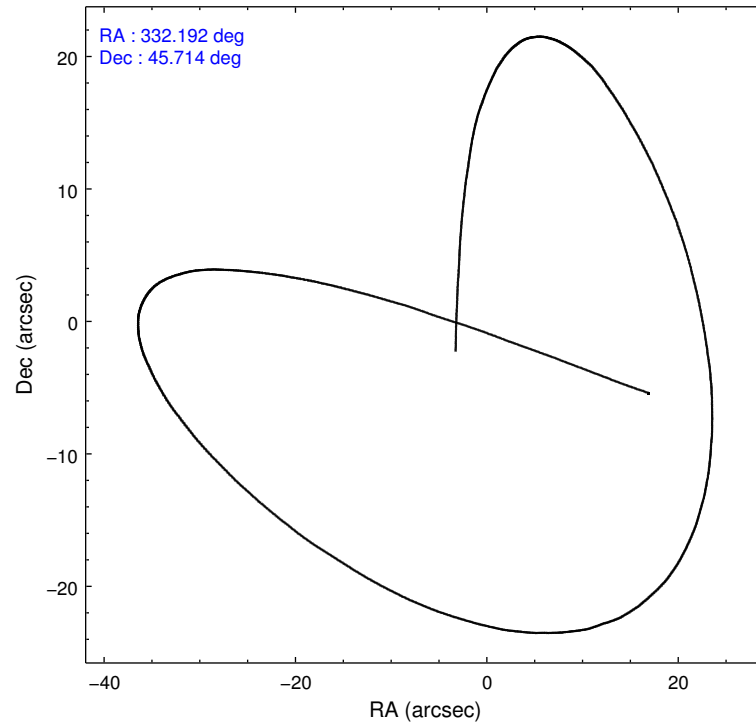
	segment 1	segment 2	segment 3
level 1 events	976	98871	897
rejected events	976	23013	889
rejected %	100%	23%	99%

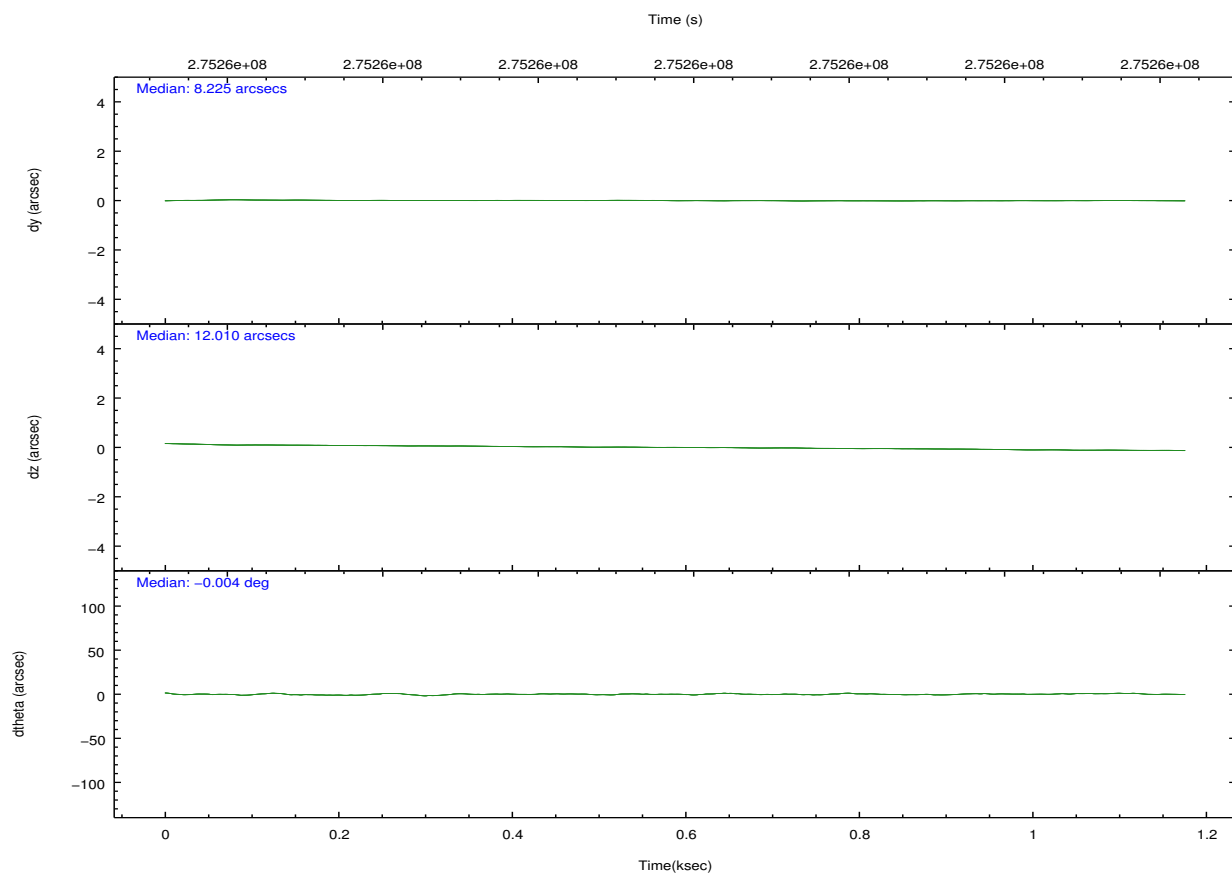
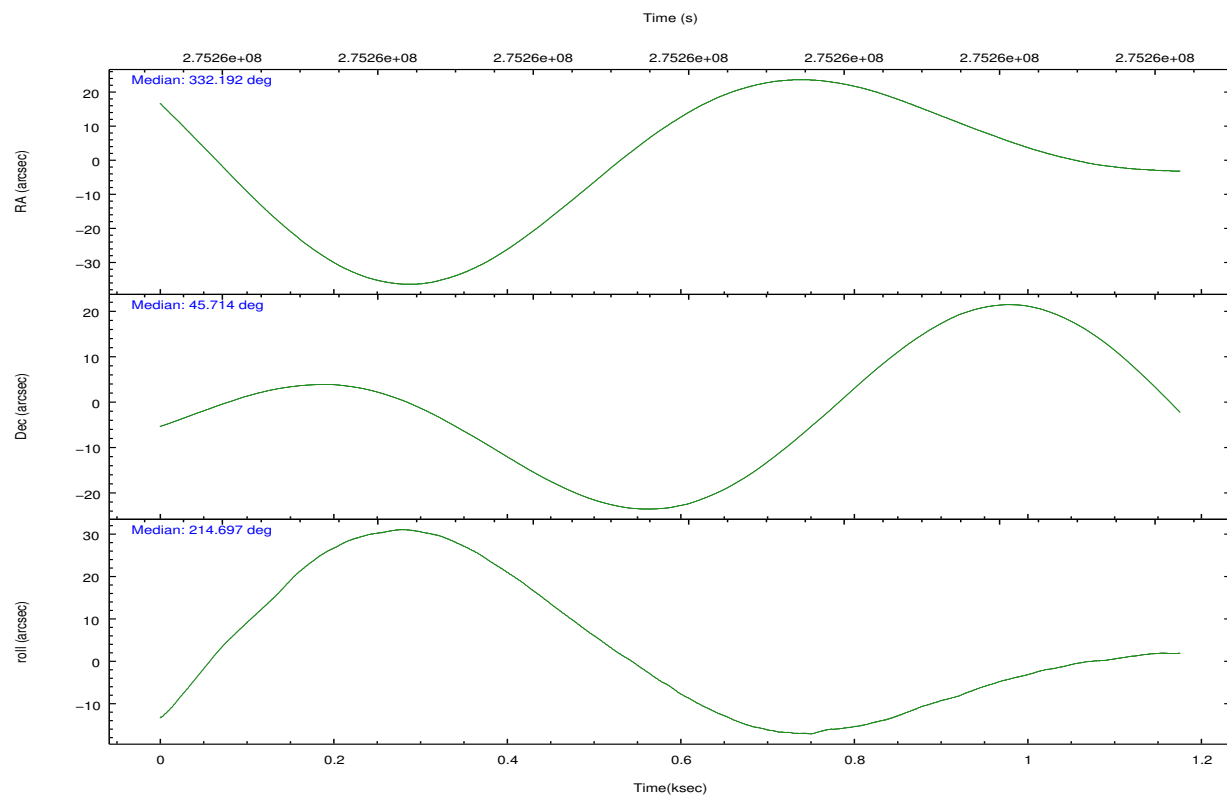
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.207176	332.1907890336606
[deg] Pointing Dec	45.738760	45.71322437813556
[deg] Pointing Roll	214.620854	214.6999233815346
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	275261360.184000	275260984.33013
Observation start date	2006-09-21T21:28:15	2006-09-21T21:23:04
[s] Observation end time (MET)	275262360.184000	275262494.1552
Observation end date	2006-09-21T21:44:55	2006-09-21T21:48:14

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

2.3 Aspect



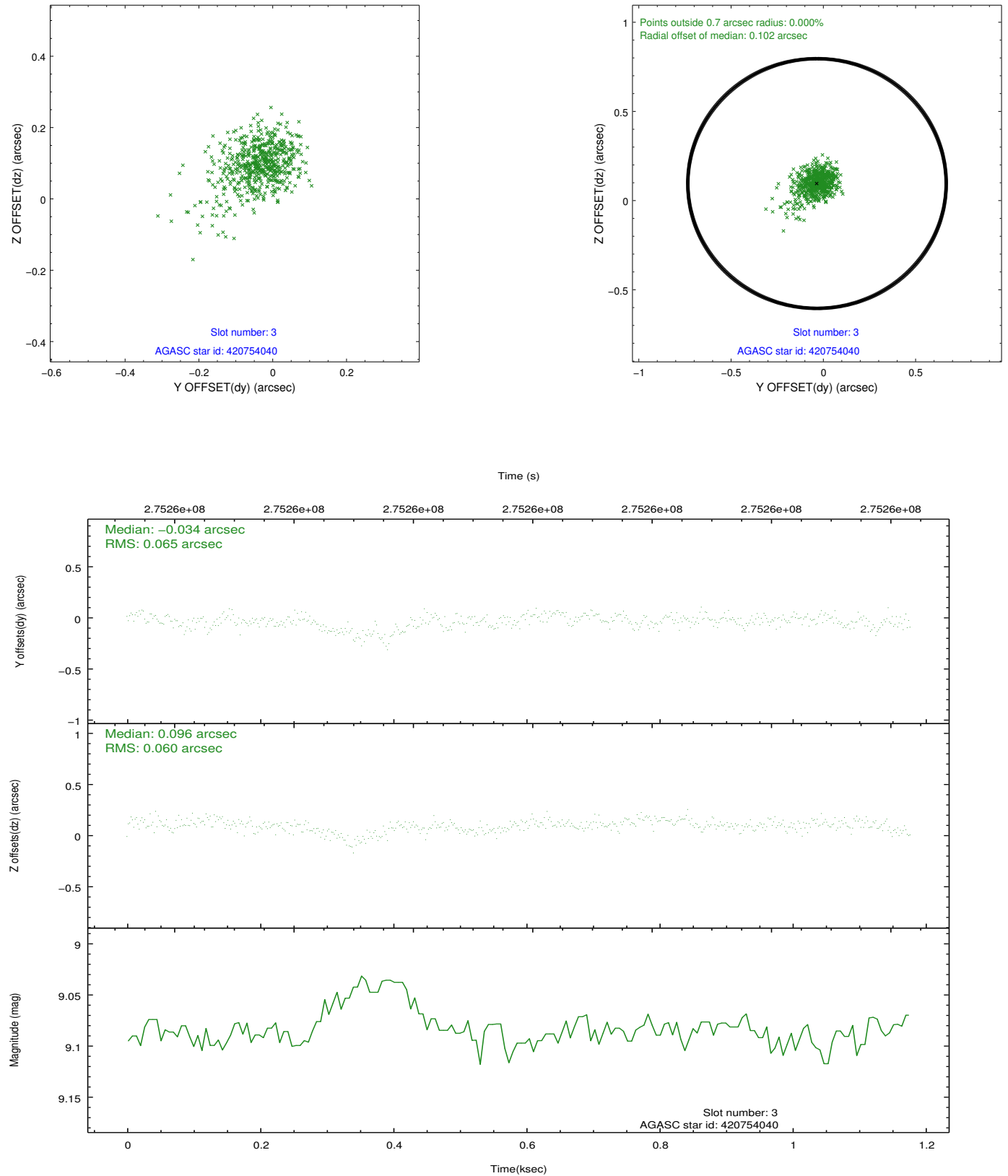


Slot Statistics

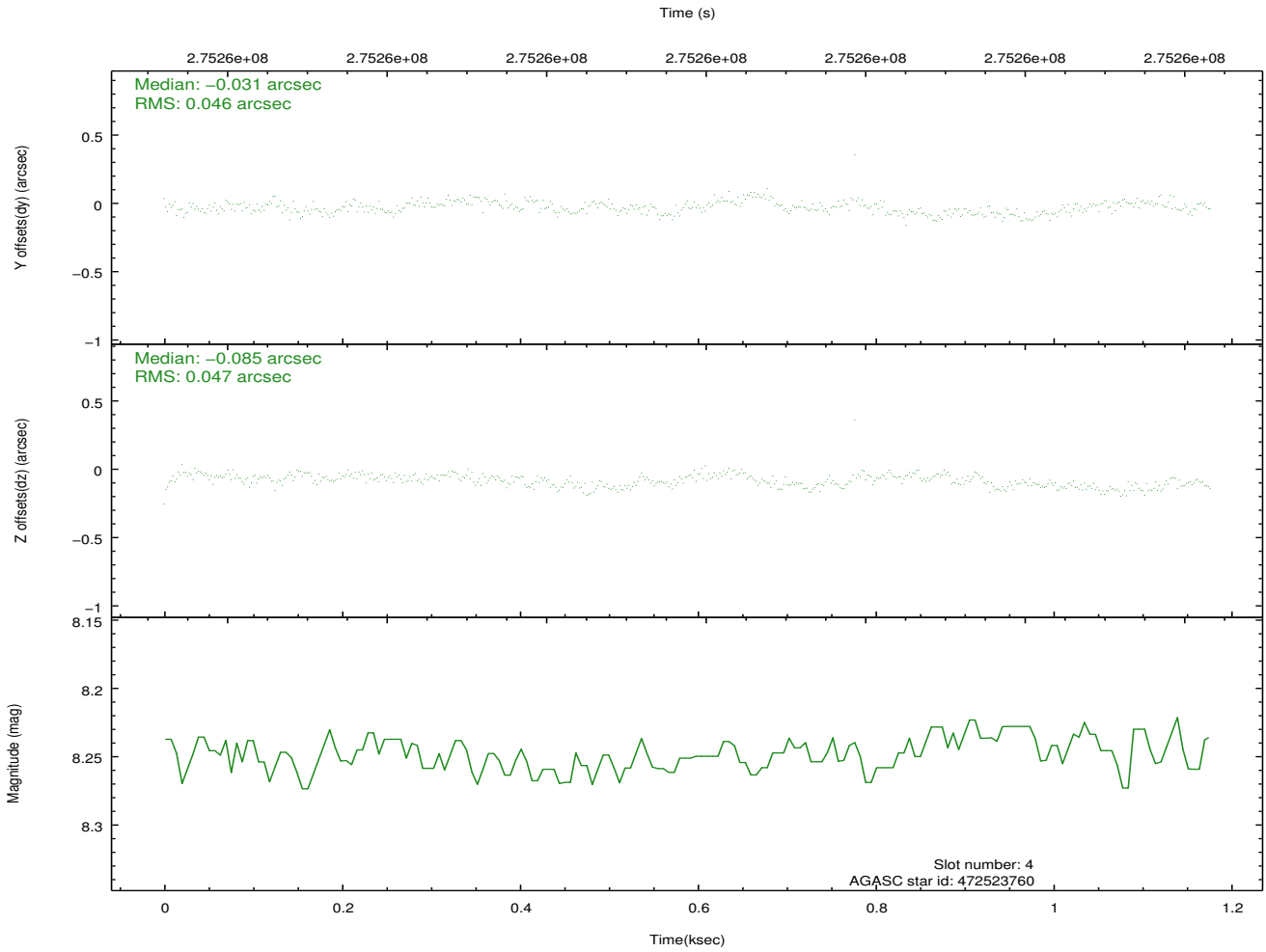
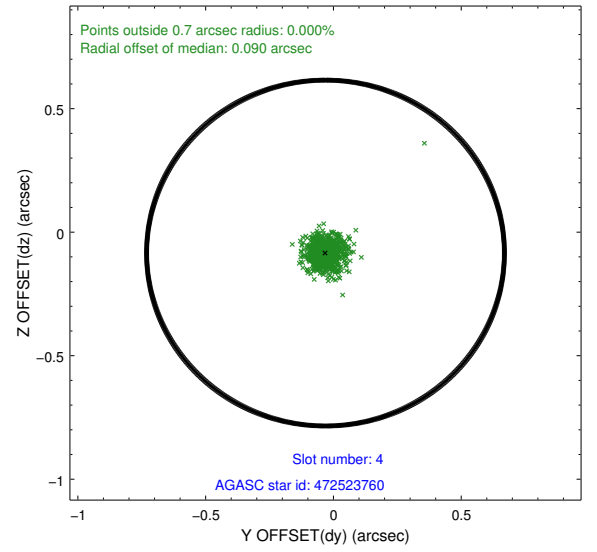
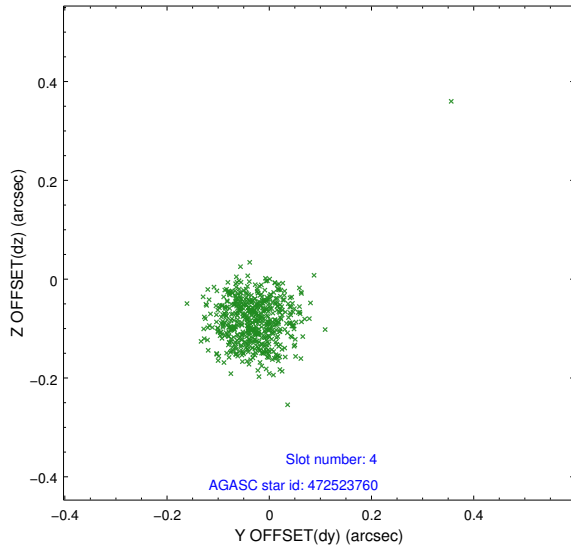
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	287	0.139	-0.128	0.007	0.010	0.000000	0.000000	-1162.37	-460.74
1	FID	HRC-S-2	7.06	287	0.151	-0.114	0.004	0.007	0.000000	0.000000	1233.25	-454.93
2	FID	HRC-S-3	7.07	287	0.099	-0.061	0.007	0.011	0.000000	0.000000	-1160.85	567.27
3	GUIDE	420754040	9.08	575	-0.034	0.096	0.086	0.156	331.917939	44.882543	2357.54	2120.77
4	GUIDE	472523760	8.25	575	-0.031	-0.085	0.067	0.102	331.645363	45.403260	1856.80	190.69
5	GUIDE	472655152	9.43	575	0.013	-0.146	0.106	0.177	332.504239	45.862991	-863.80	58.14
6	GUIDE	472665256	9.02	574	0.093	0.096	0.090	0.144	332.808125	46.195041	-2169.47	-501.53
7	GUIDE	472533912	9.16	574	-0.040	0.051	0.125	0.206	331.791136	46.368695	-442.53	-2452.47

2.4 Star Slots

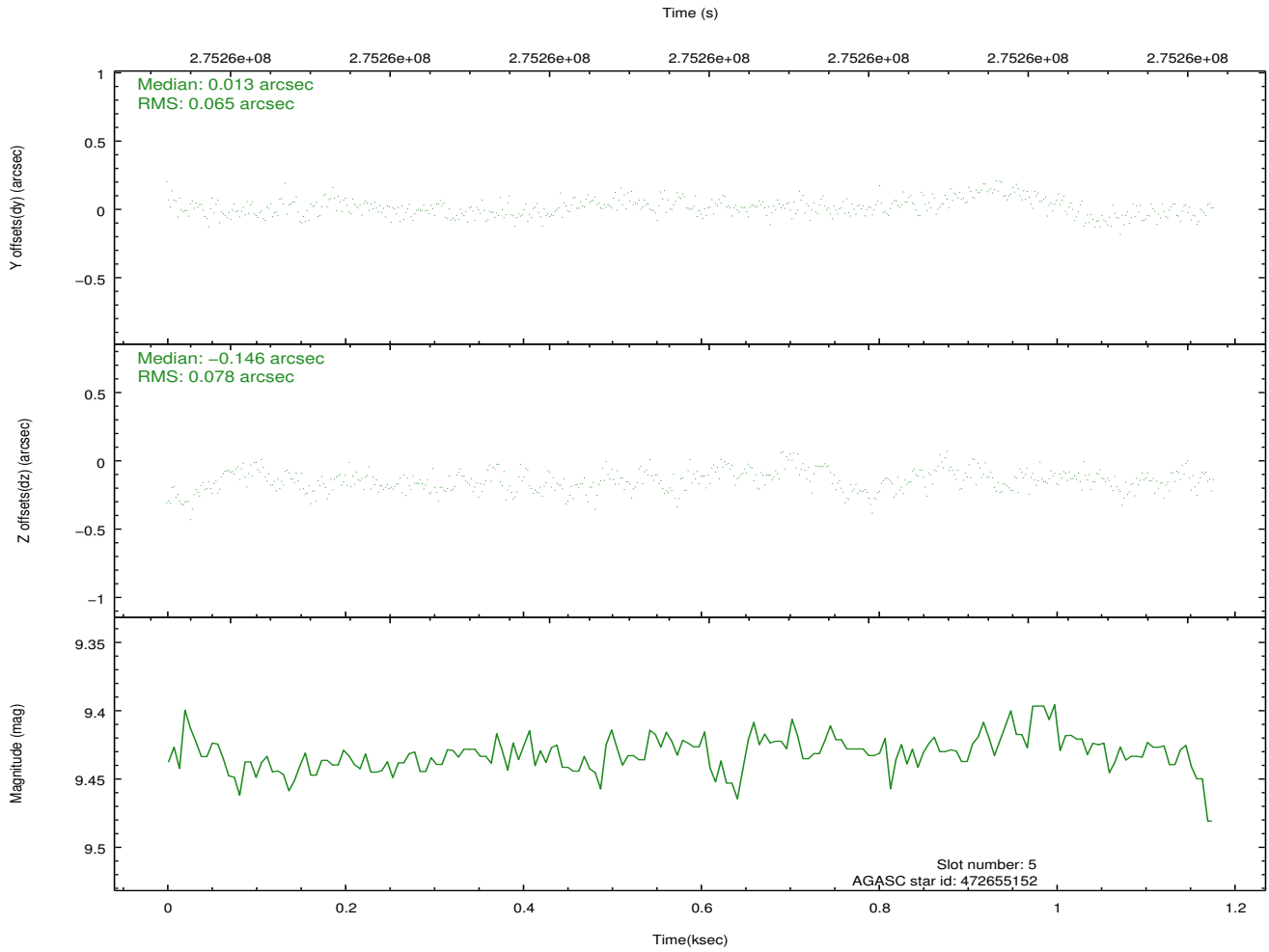
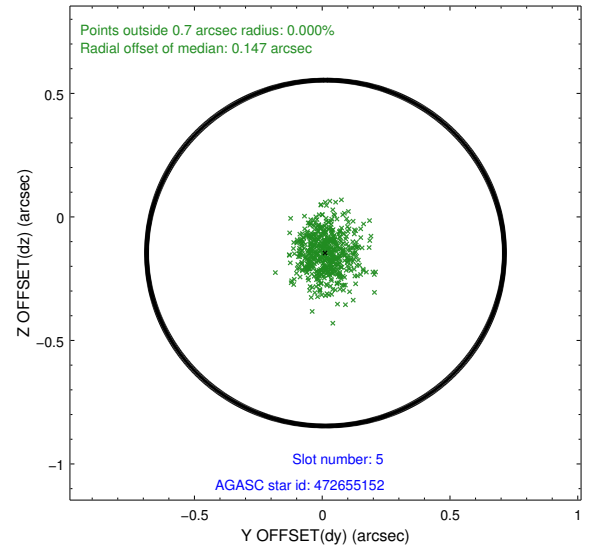
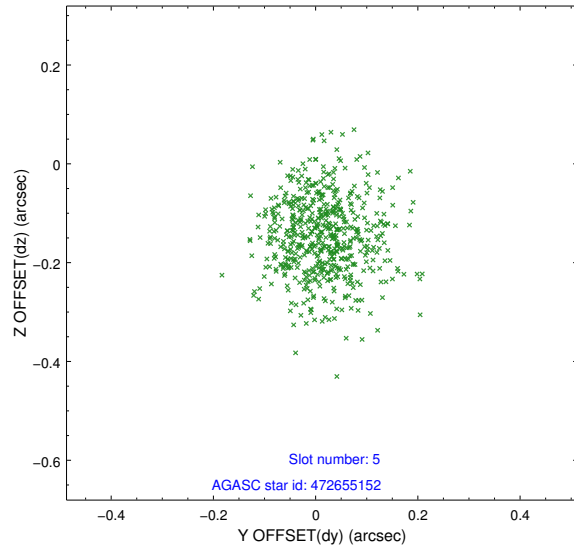
2.4.1 Slot 3



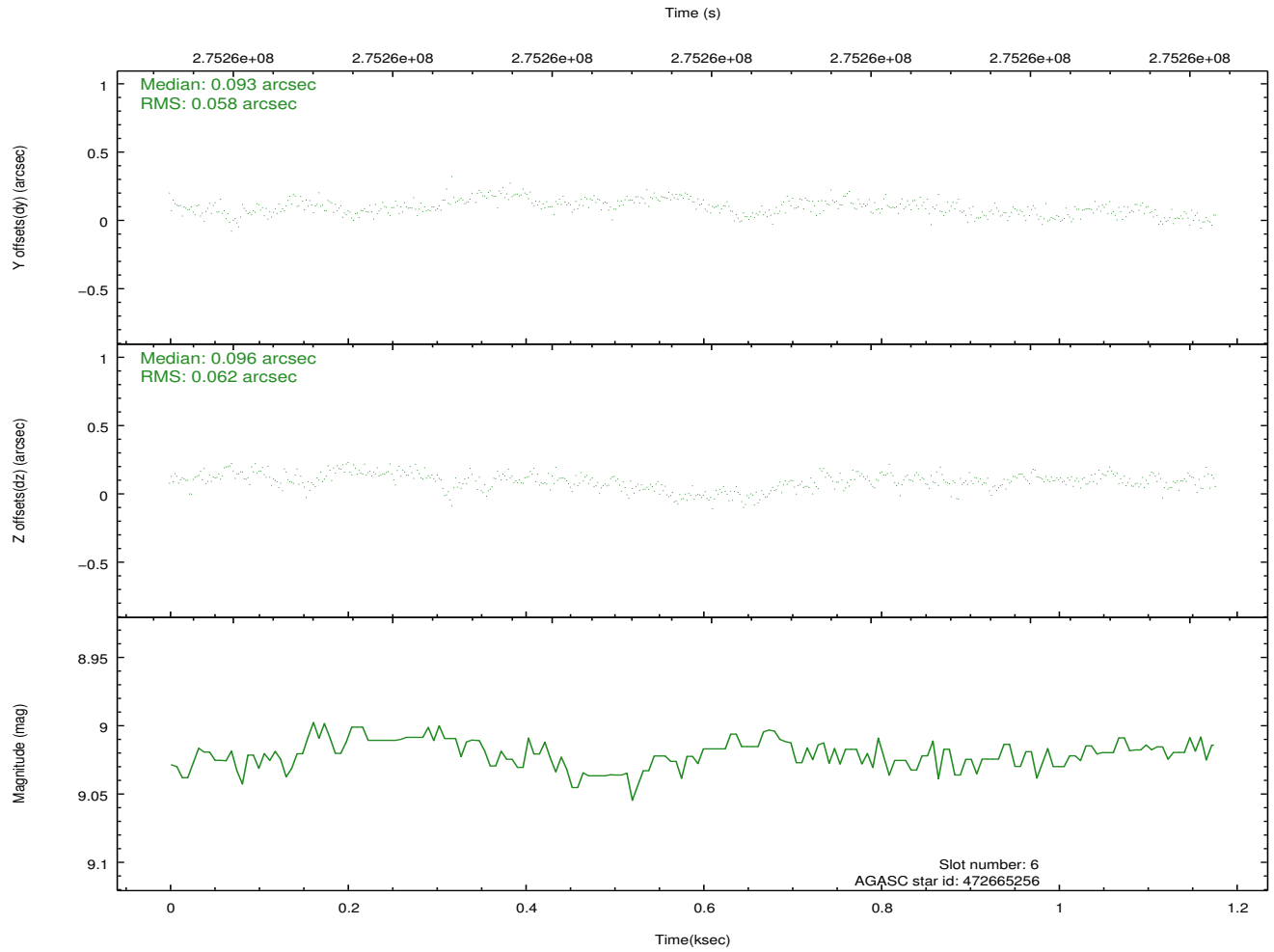
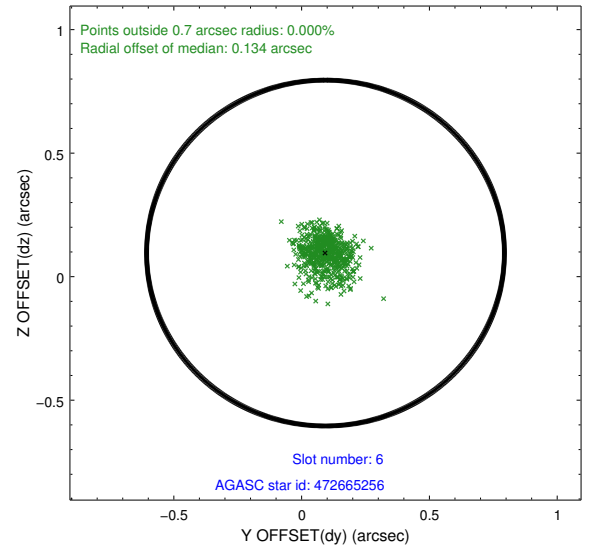
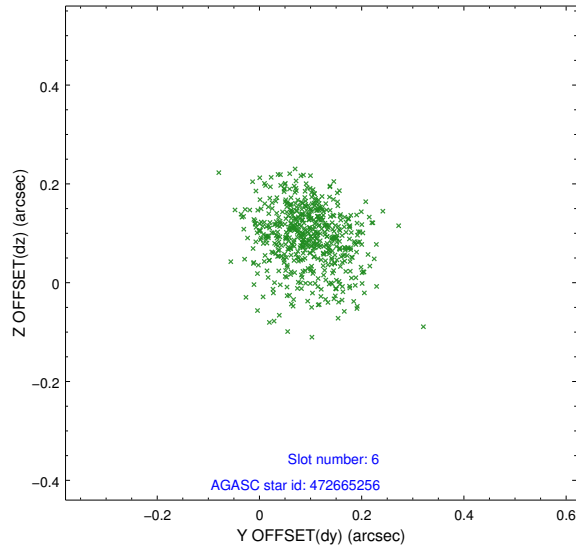
2.4.2 Slot 4



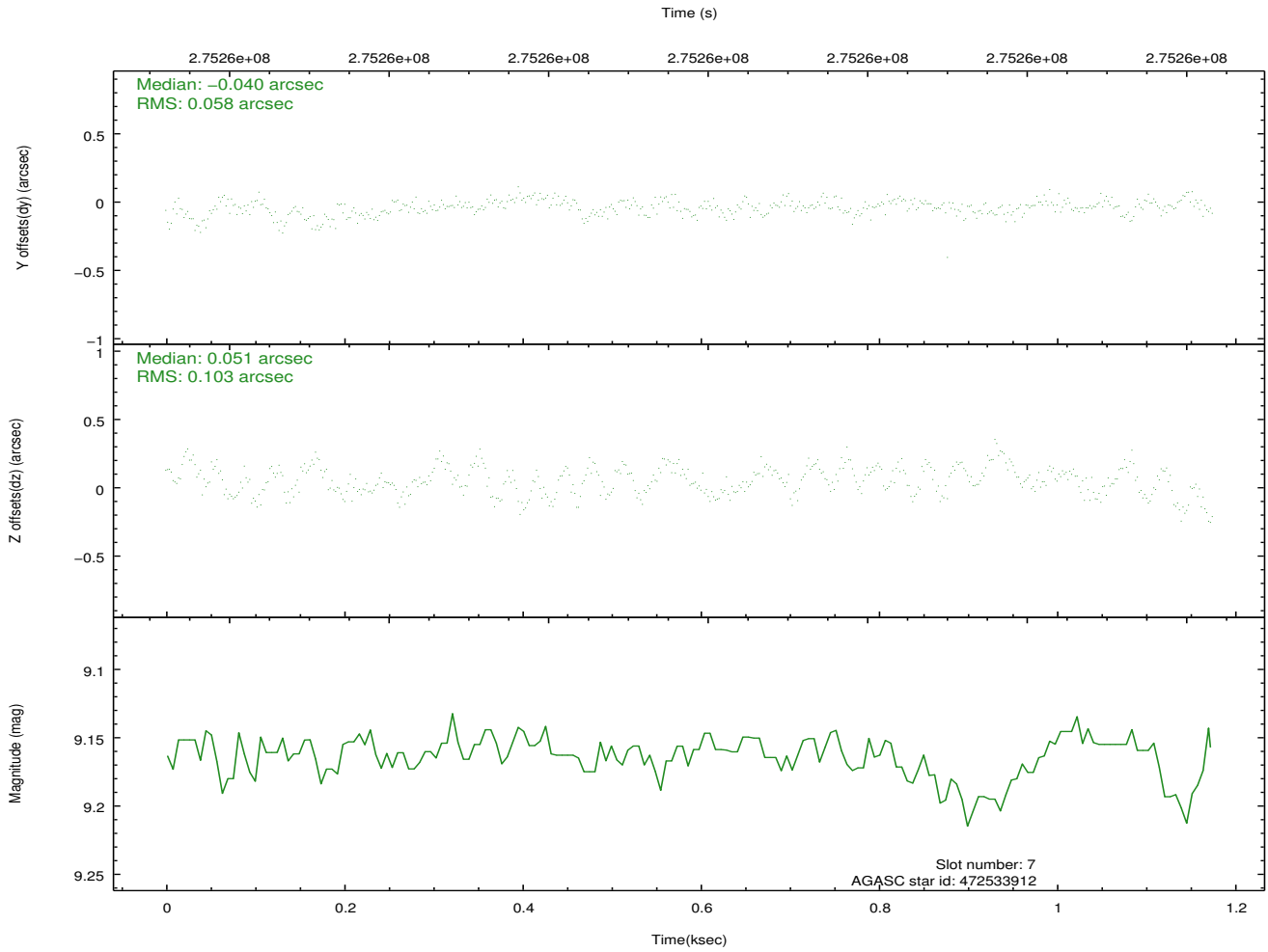
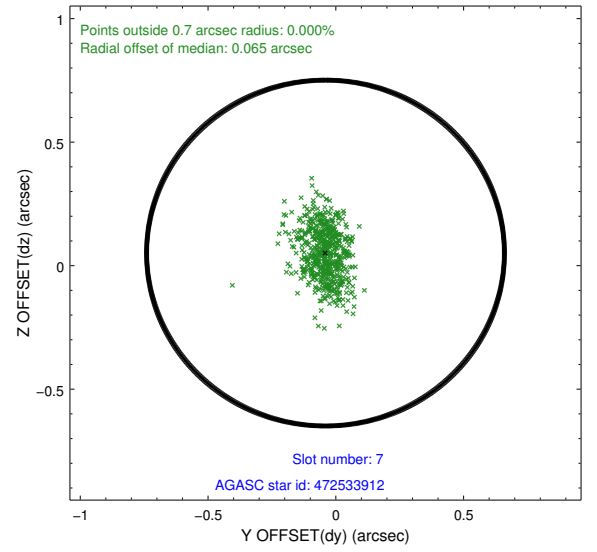
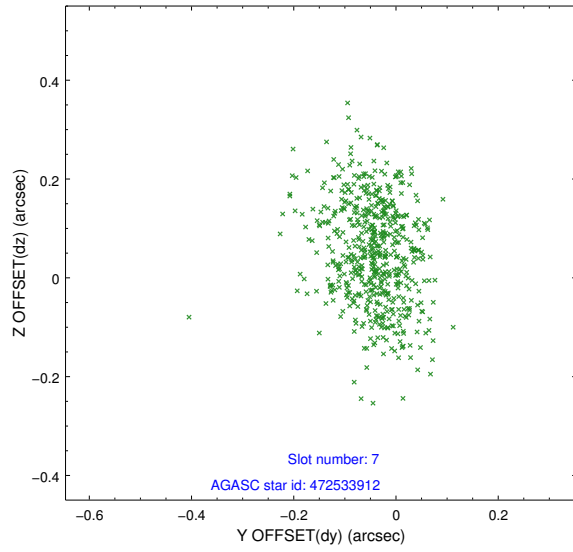
2.4.3 Slot 5



2.4.4 Slot 6

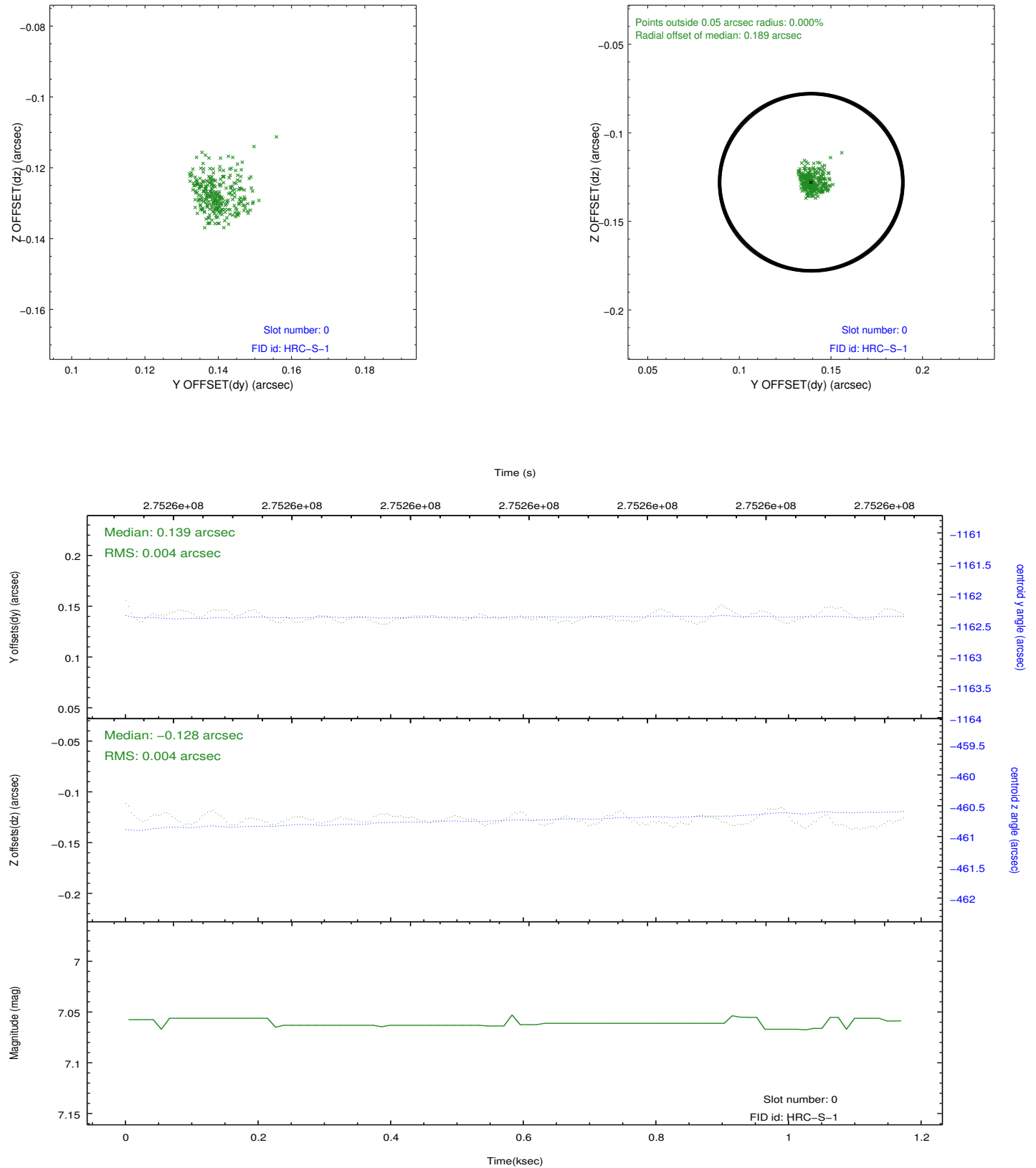


2.4.5 Slot 7

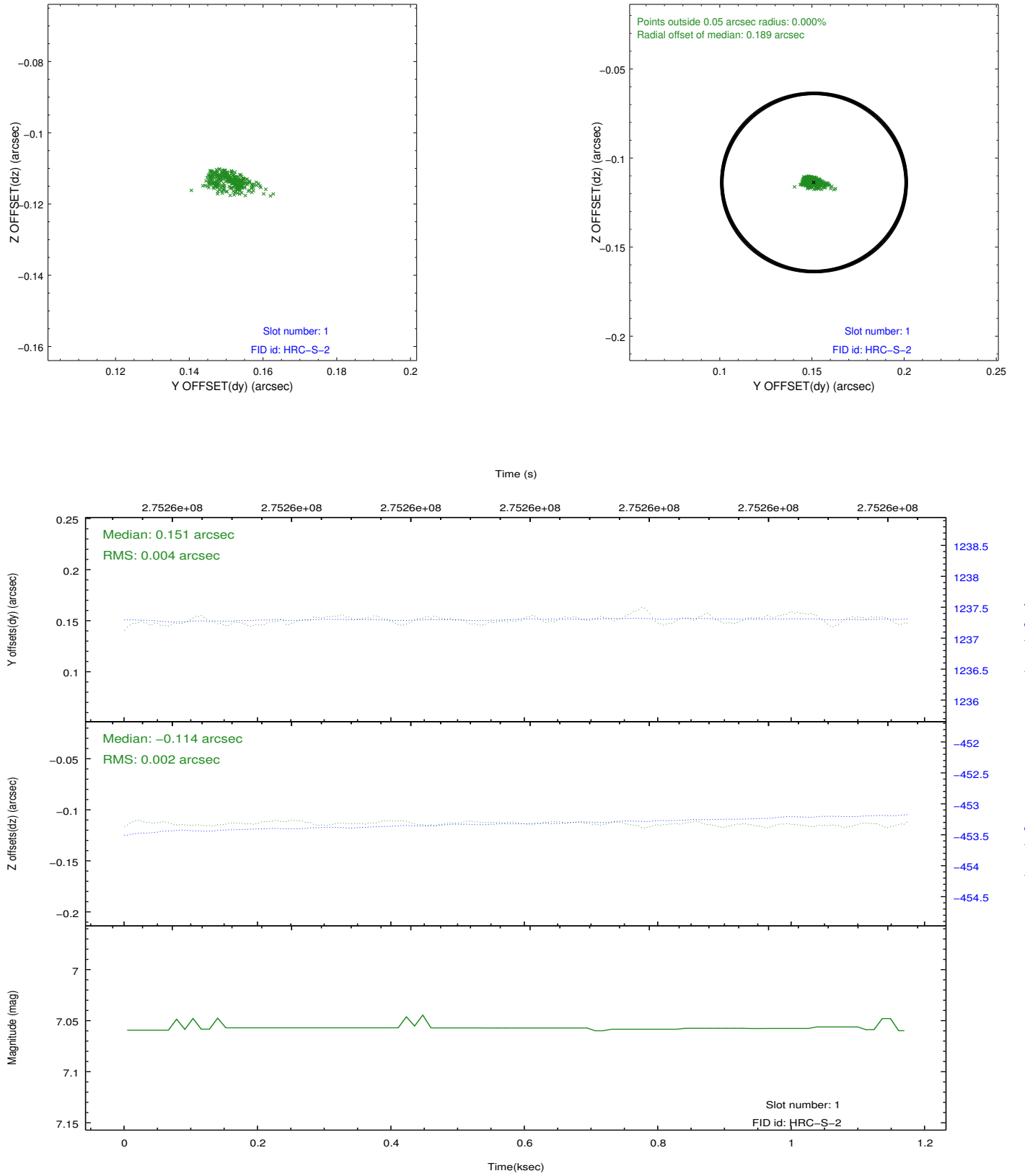


2.5 FID Slots

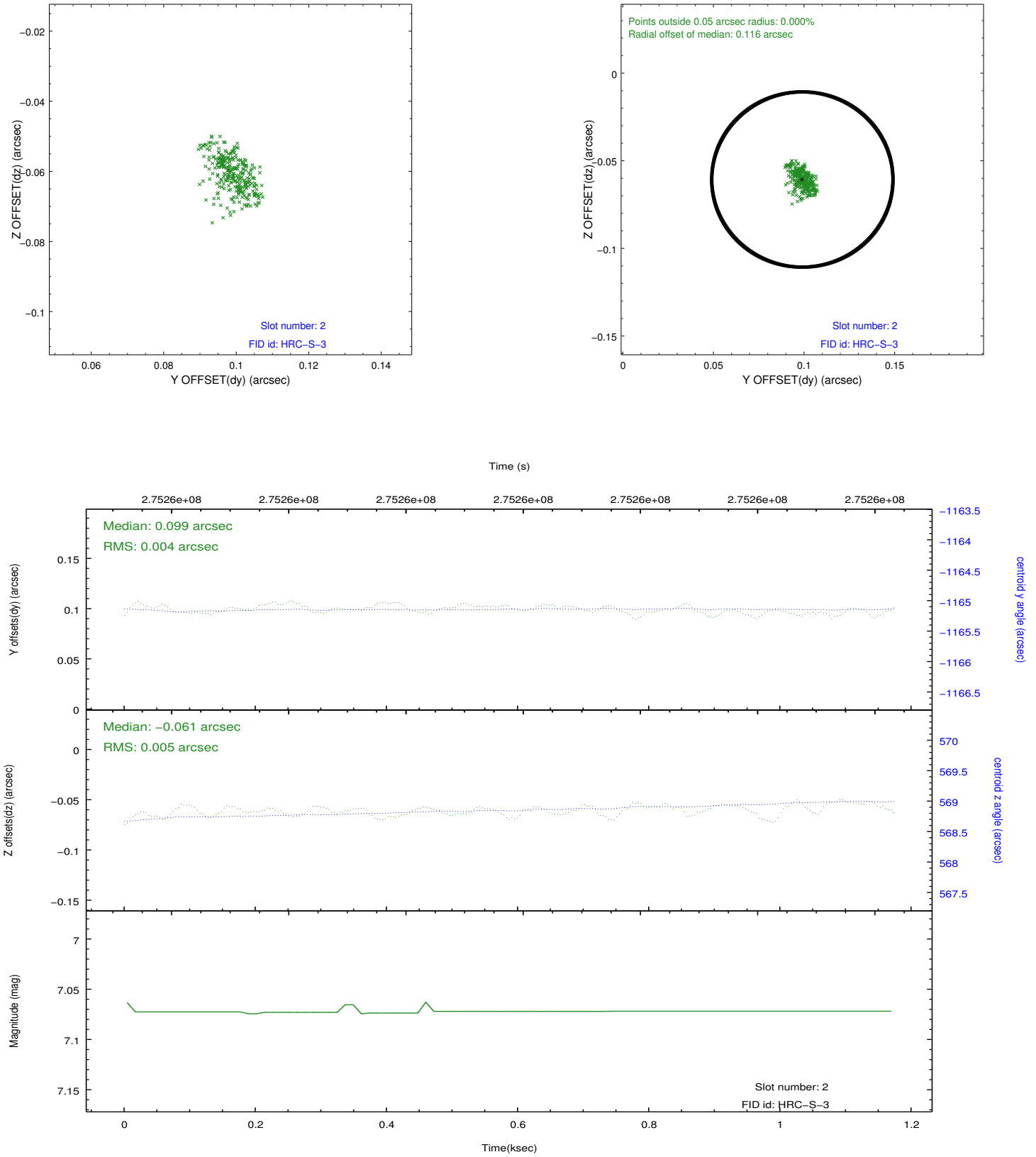
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1472313

A.2 Comments