

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6500 - L2 Version 3
Chandra X-Ray Center

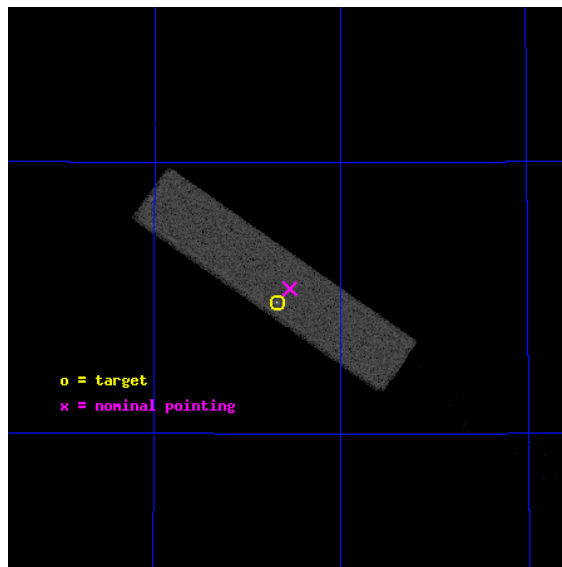
L2 Processing Date : Aug 11 2012

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1 Front

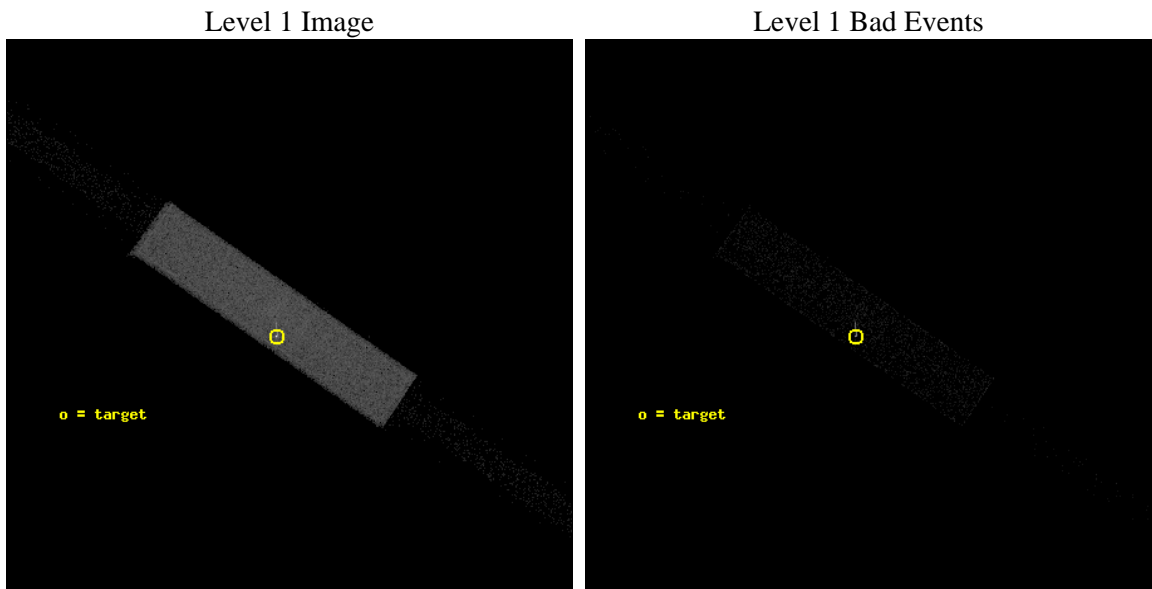
seq_num	290593	Sequence number
obs_id	6500	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13587690915	Nominal RA [deg]
dec_nom	45.767790334427	Nominal Dec [deg]
roll_nom	214.69686955584	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1157.4813045263	[s]
livetime	1148.4659992315	Ontime multiplied by DTCOR
l2events	63563	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	1157.4813045263	[s]
caldsver	4.5.1.1	 	l1events	101747	Number of level 1 events
date	2012-08-11T13:06:40	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

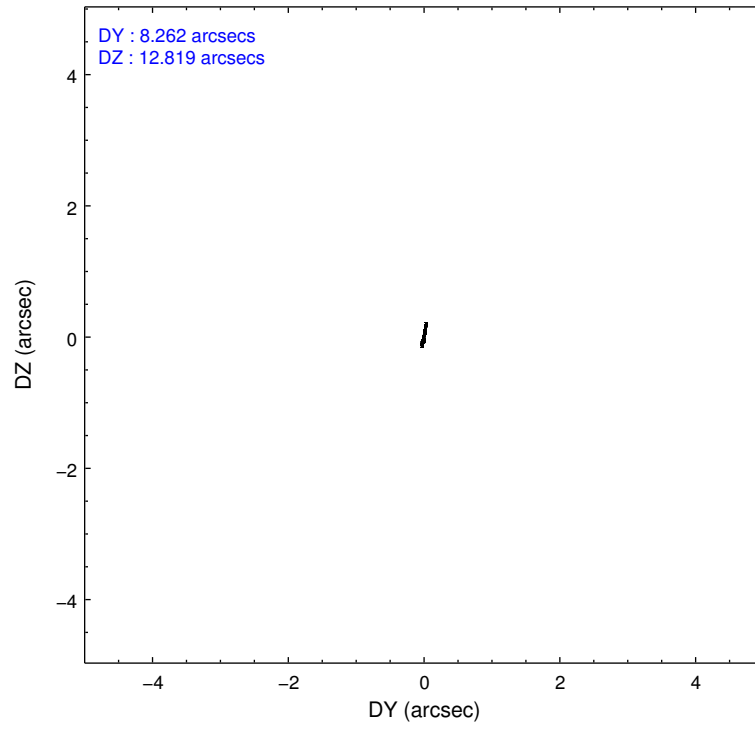
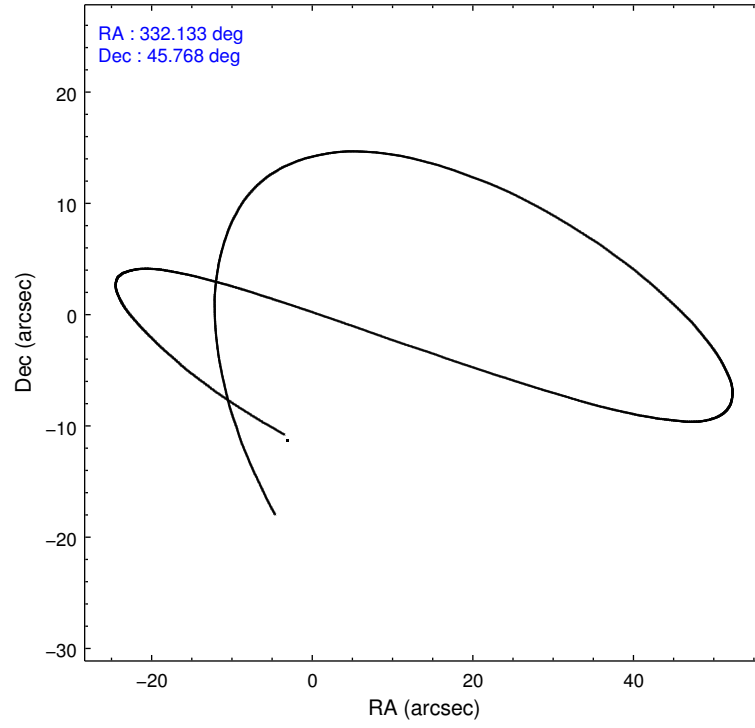
	segment 1	segment 2	segment 3
level 1 events	935	99926	886
rejected events	935	23033	871
rejected %	100%	23%	98%

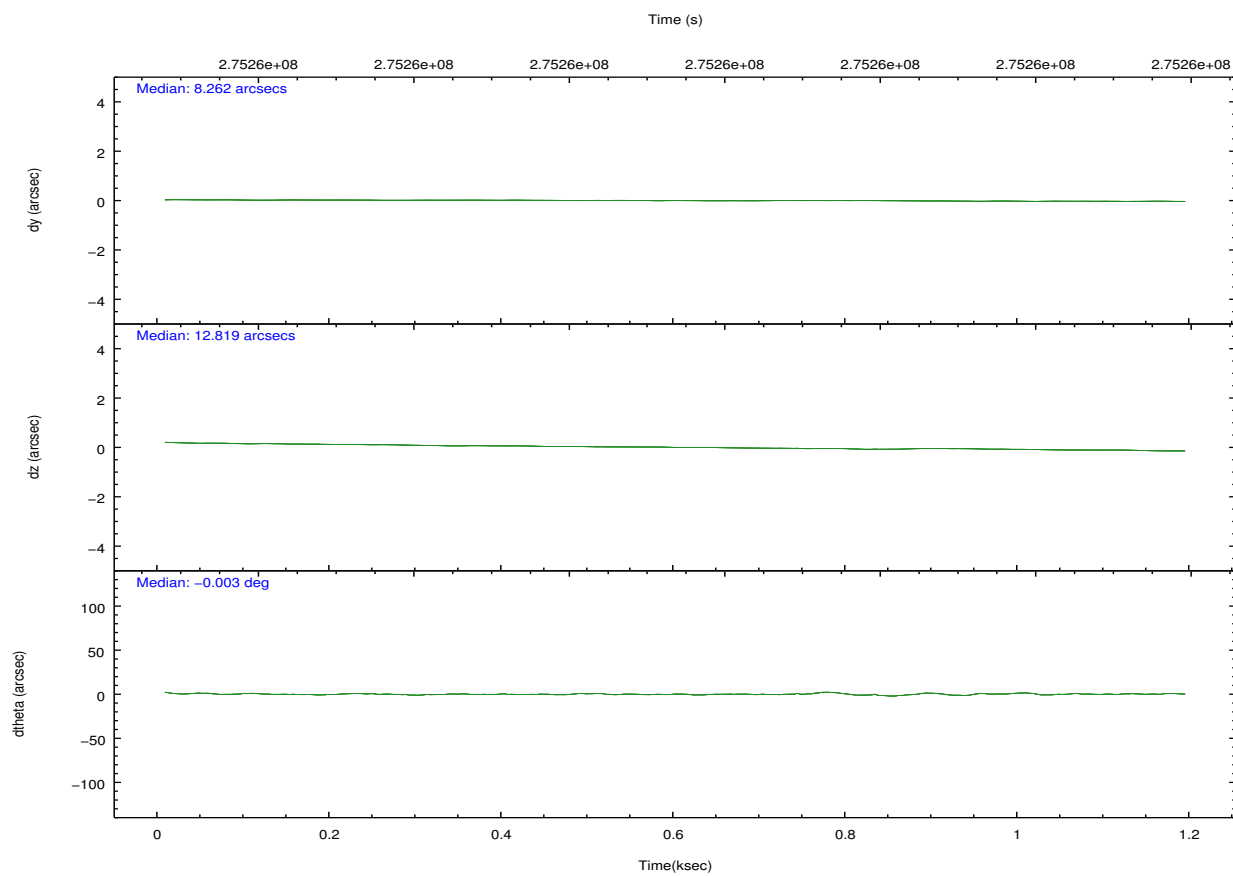
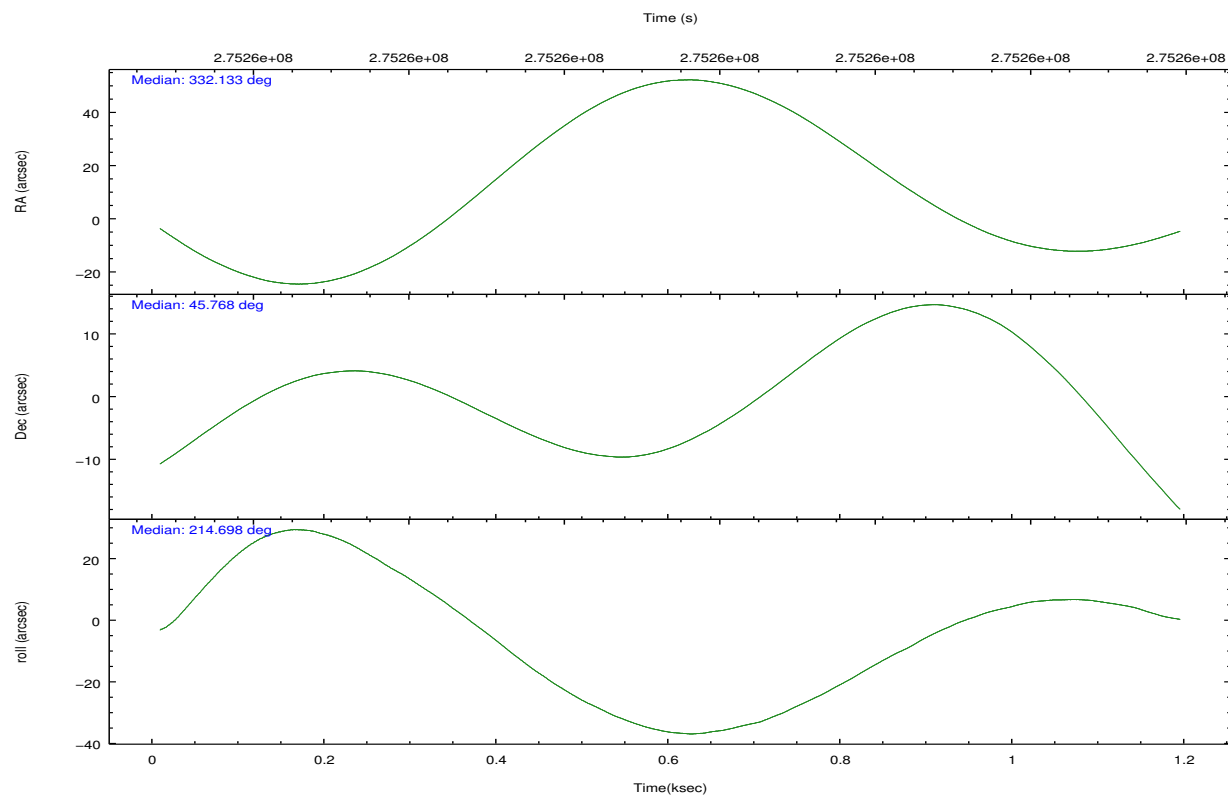
2.2 Compared Parameters

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	332.152907	332.1358769091536
[deg] Pointing Dec	45.793621	45.76779033442737
[deg] Pointing Roll	214.617311	214.6968695558355
[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)	275258340.184000	275257964.67999
Observation start date	2006-09-21T20:37:55	2006-09-21T20:32:44
[s] Observation end time (MET)	275259340.184000	275259474.50506
Observation end date	2006-09-21T20:54:35	2006-09-21T20:57:54

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

2.3 Aspect



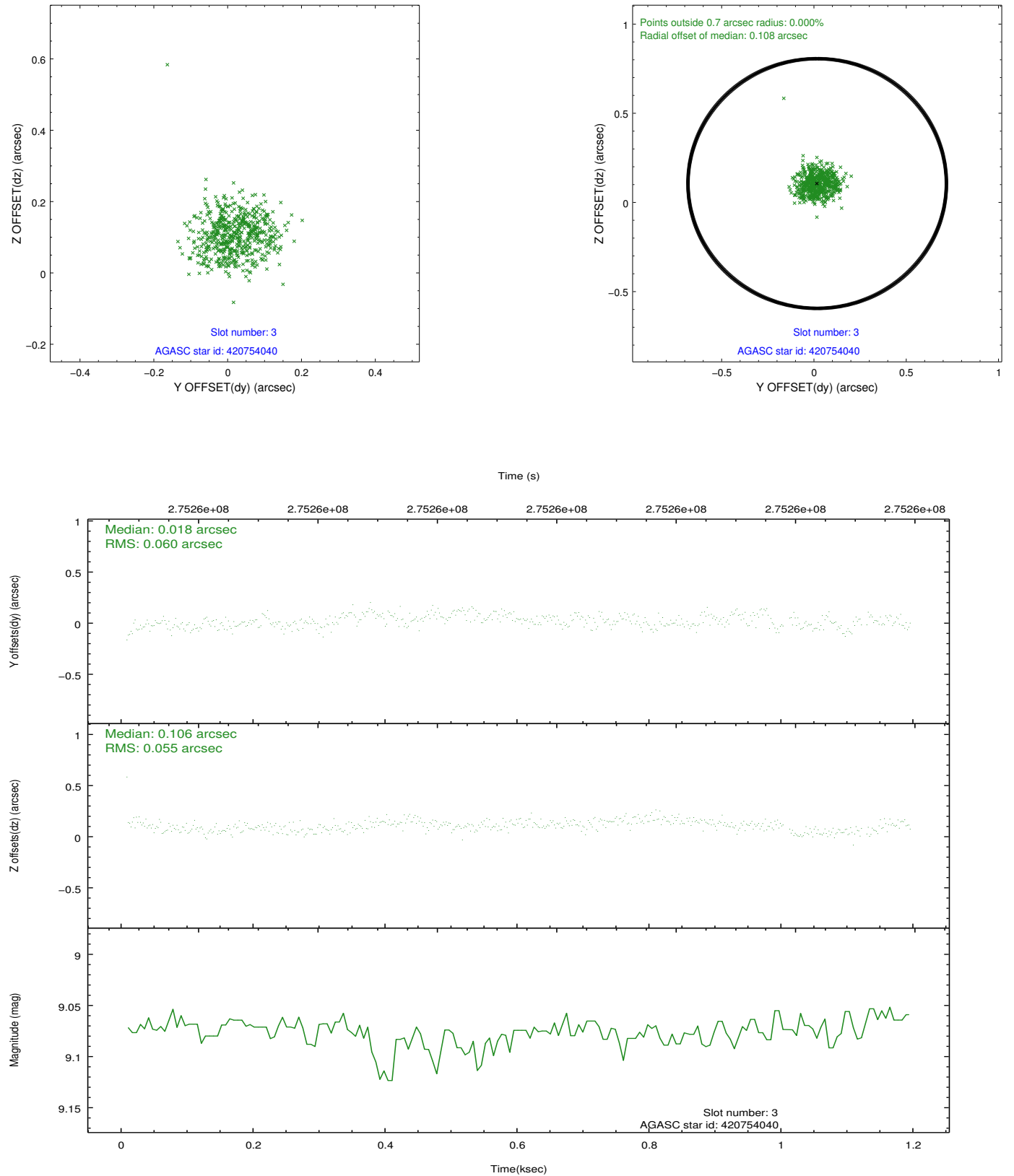


Slot Statistics

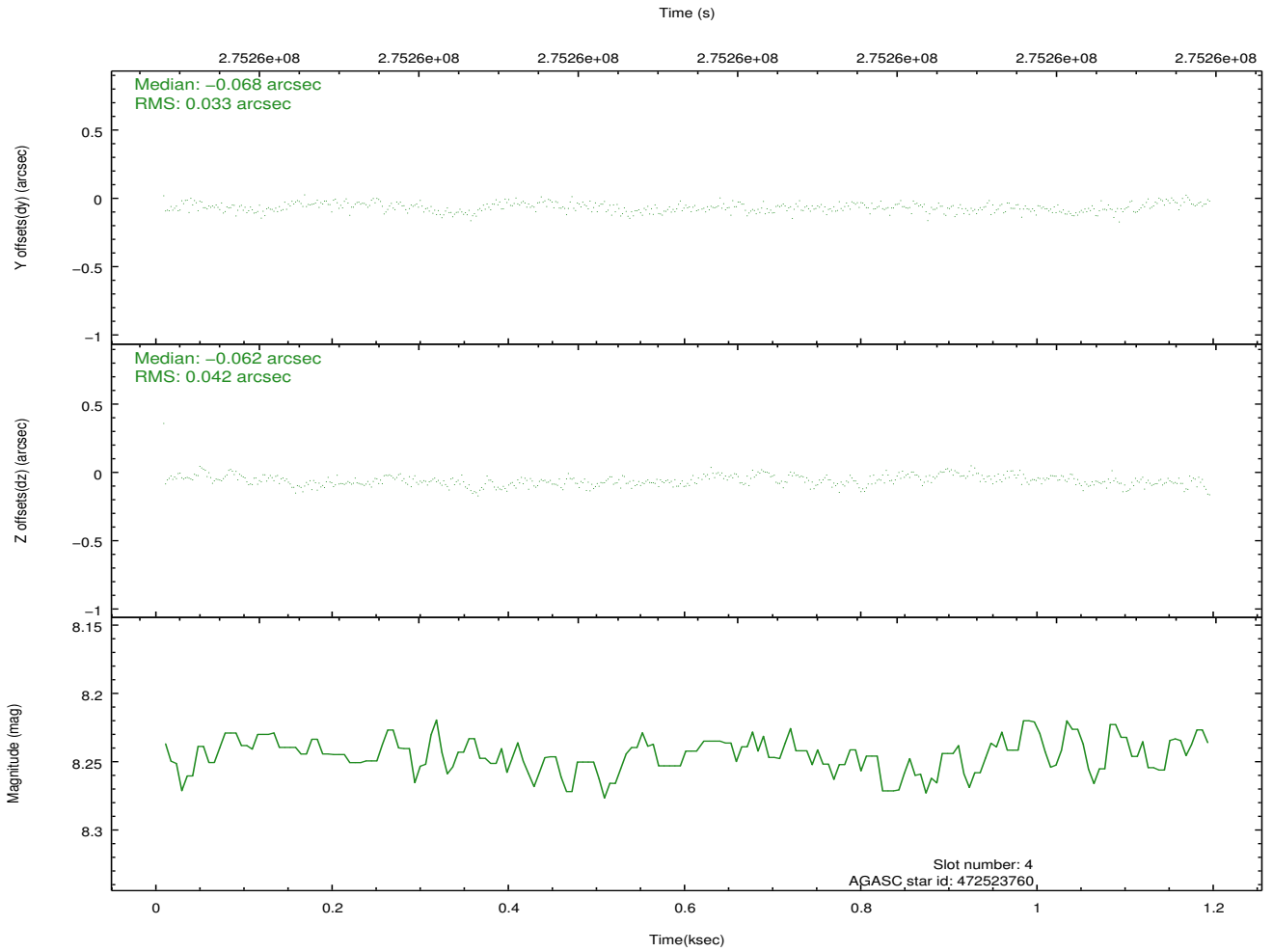
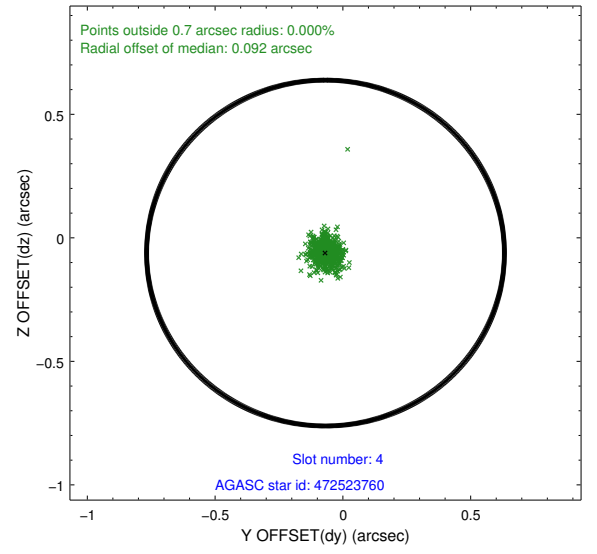
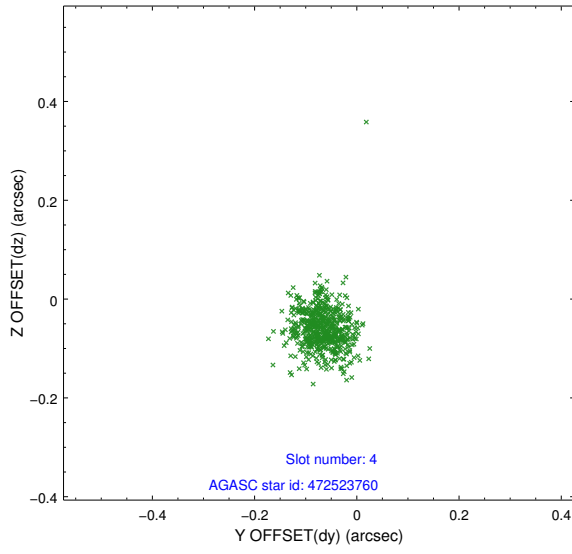
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.05	290	0.108	-0.082	0.009	0.016	0.000000	0.000000	1237.21	-454.17
1	FID	HRC-S-3	7.07	290	0.046	-0.110	0.006	0.011	0.000000	0.000000	-1160.96	566.42
2	FID	HRC-S-4	7.04	290	0.251	-0.104	0.009	0.017	0.000000	0.000000	1231.94	572.48
3	GUIDE	420754040	9.07	572	0.018	0.106	0.088	0.130	331.917939	44.882543	2354.22	2362.35
4	GUIDE	472523760	8.24	579	-0.068	-0.062	0.053	0.087	331.645363	45.403260	1854.58	432.48
5	GUIDE	472533912	9.17	580	-0.034	-0.008	0.108	0.185	331.791136	46.368695	-435.77	-2211.21
6	GUIDE	472655152	9.43	579	0.012	-0.113	0.106	0.199	332.504239	45.862991	-869.78	293.39
7	GUIDE	472665256	9.02	579	0.071	0.066	0.068	0.110	332.808125	46.195041	-2171.12	-262.66

2.4 Star Slots

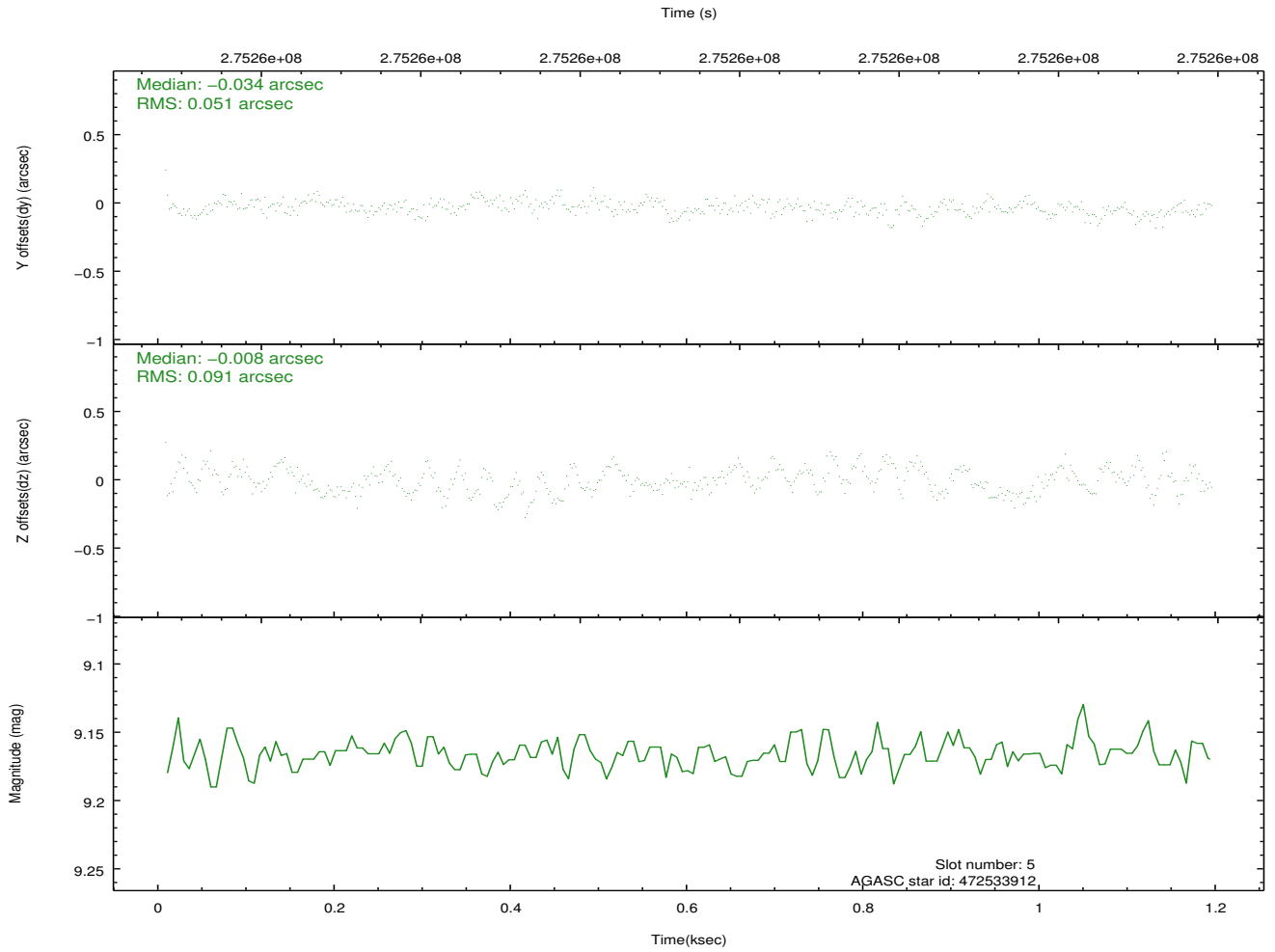
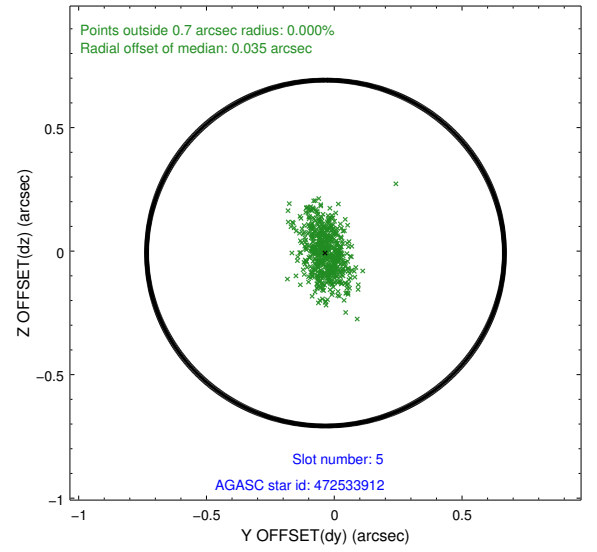
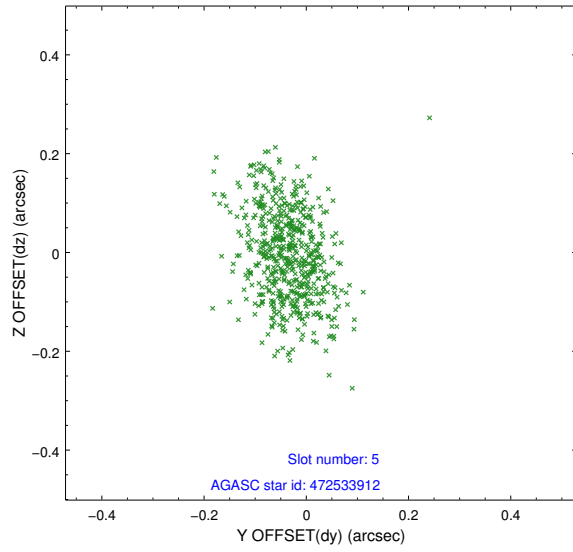
2.4.1 Slot 3



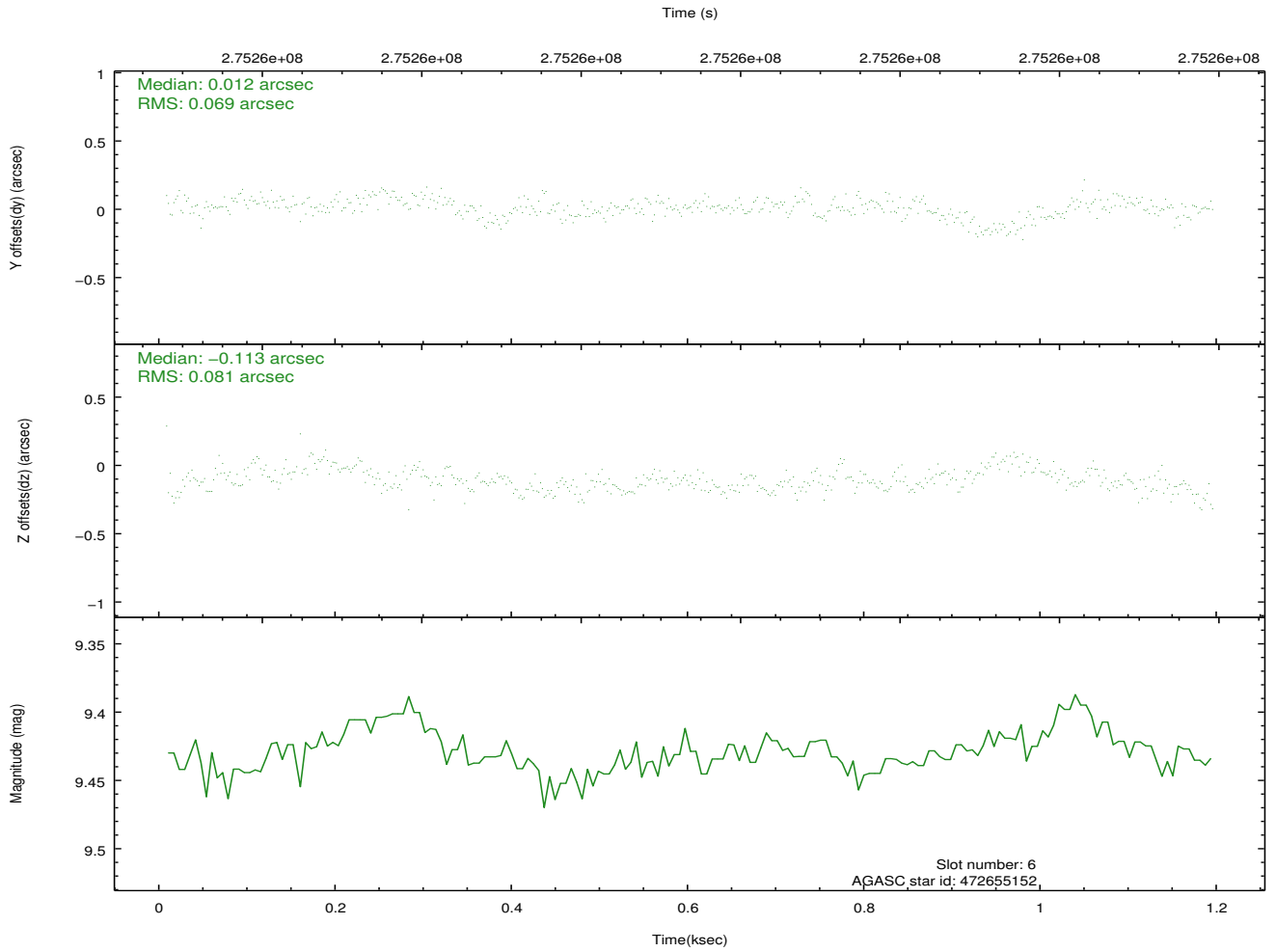
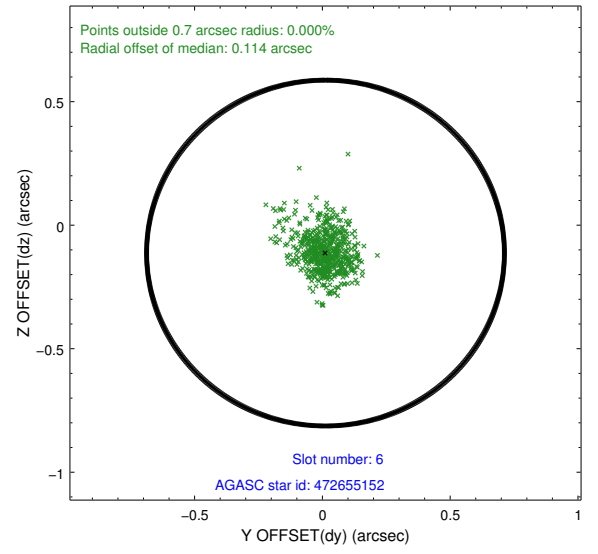
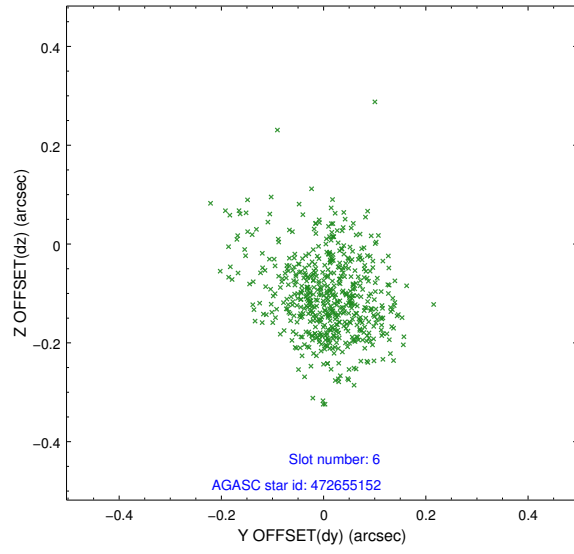
2.4.2 Slot 4



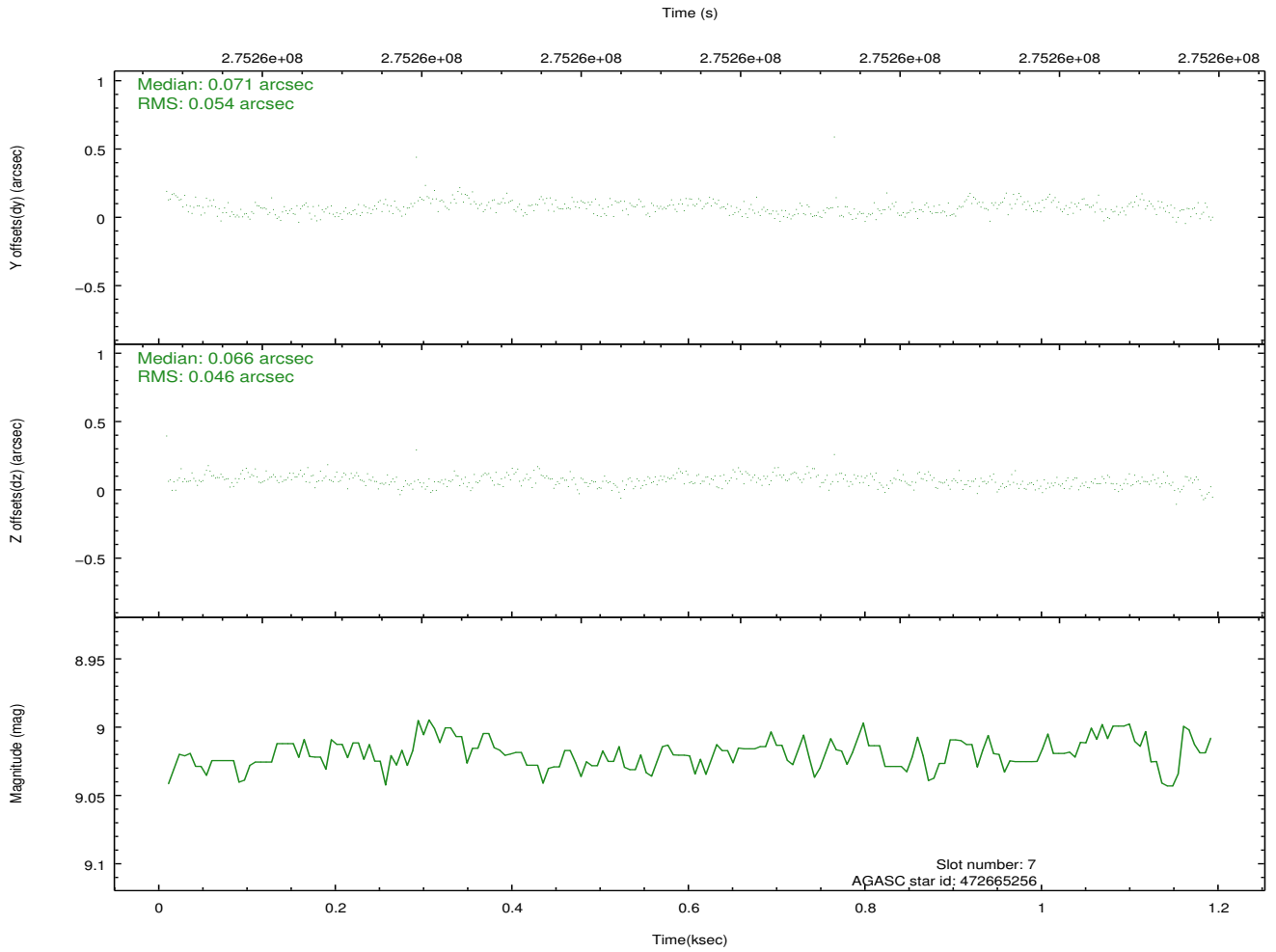
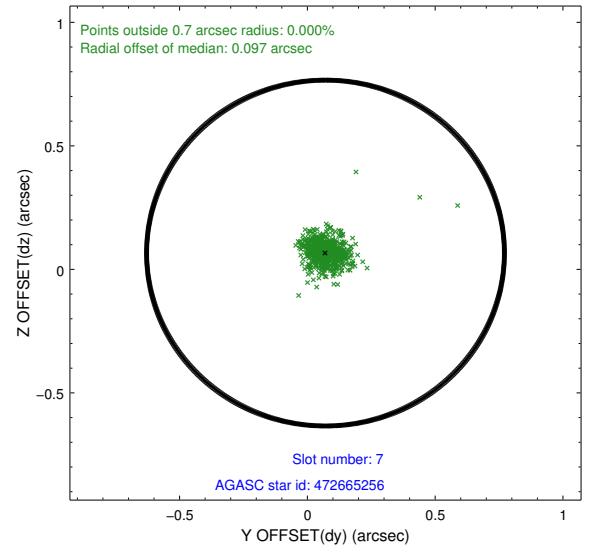
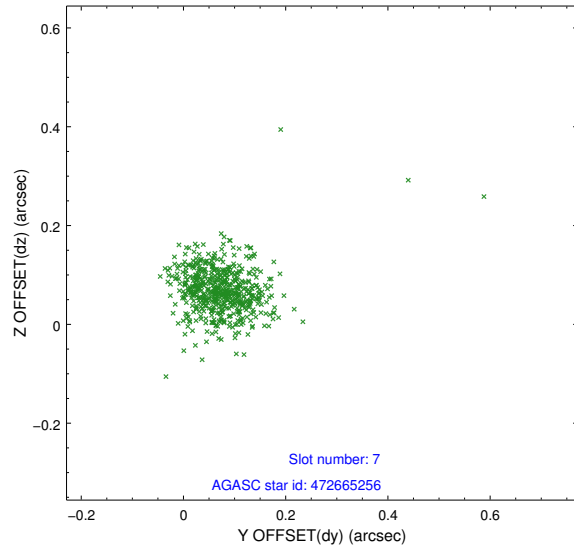
2.4.3 Slot 5



2.4.4 Slot 6

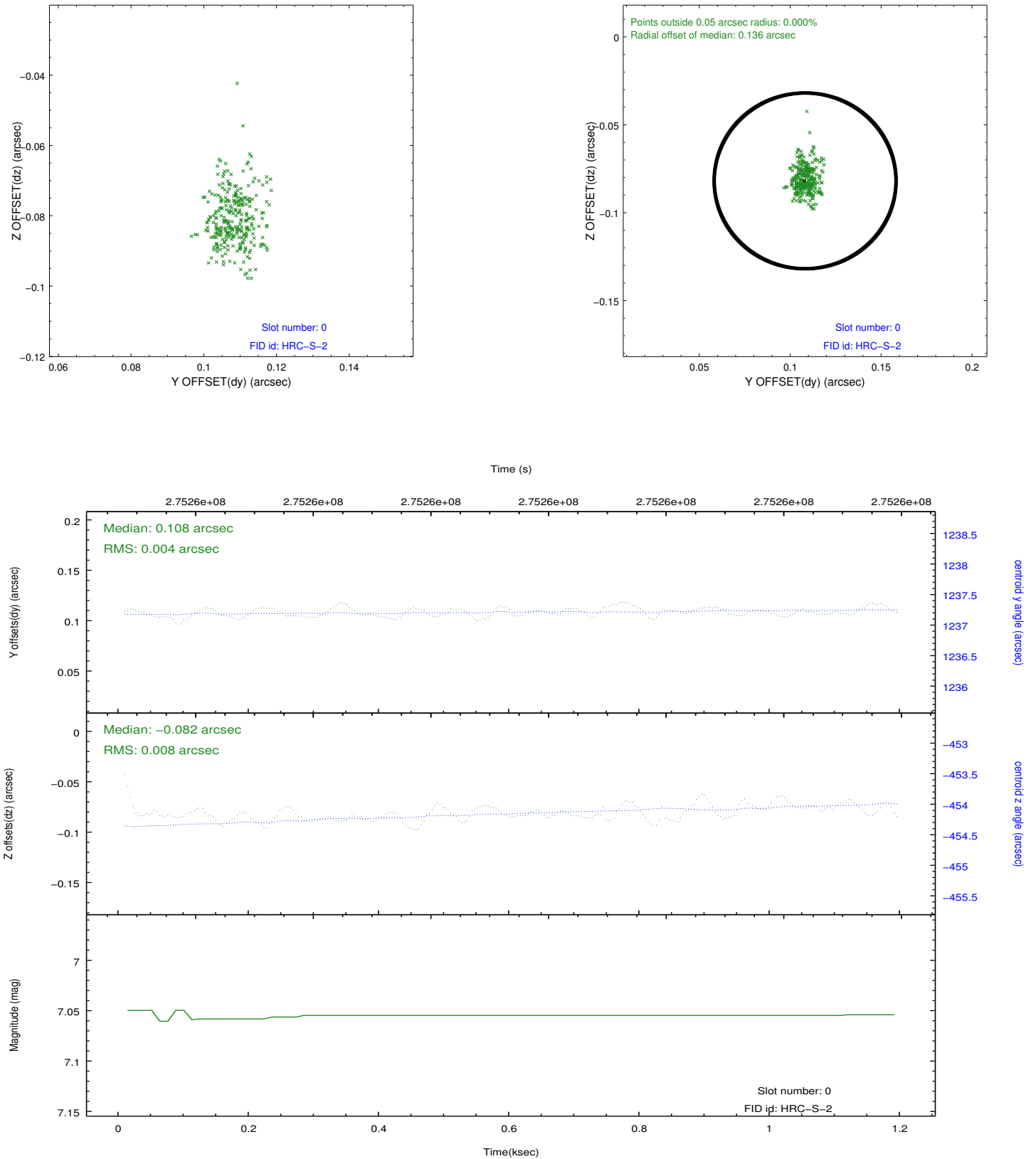


2.4.5 Slot 7

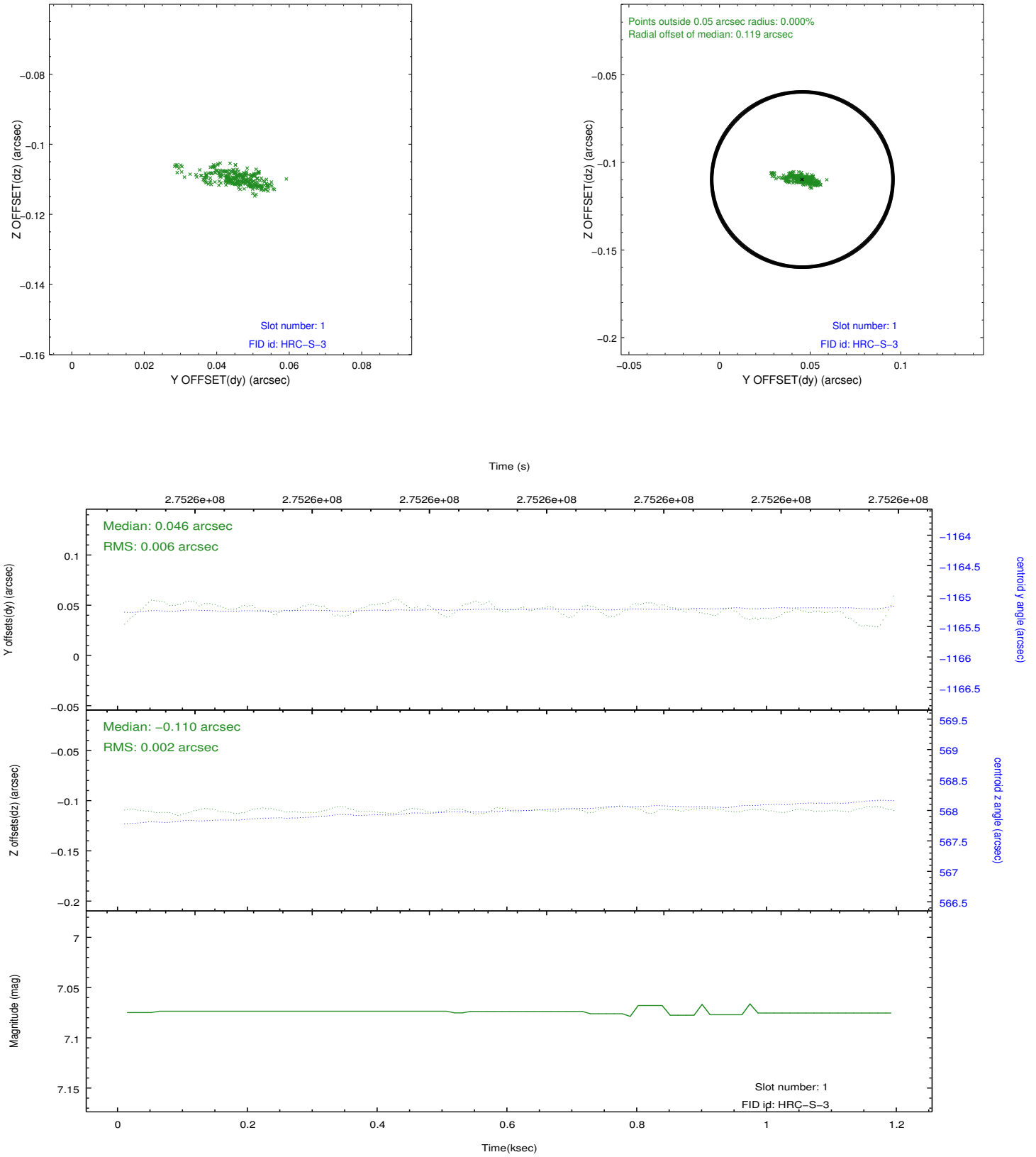


2.5 FID Slots

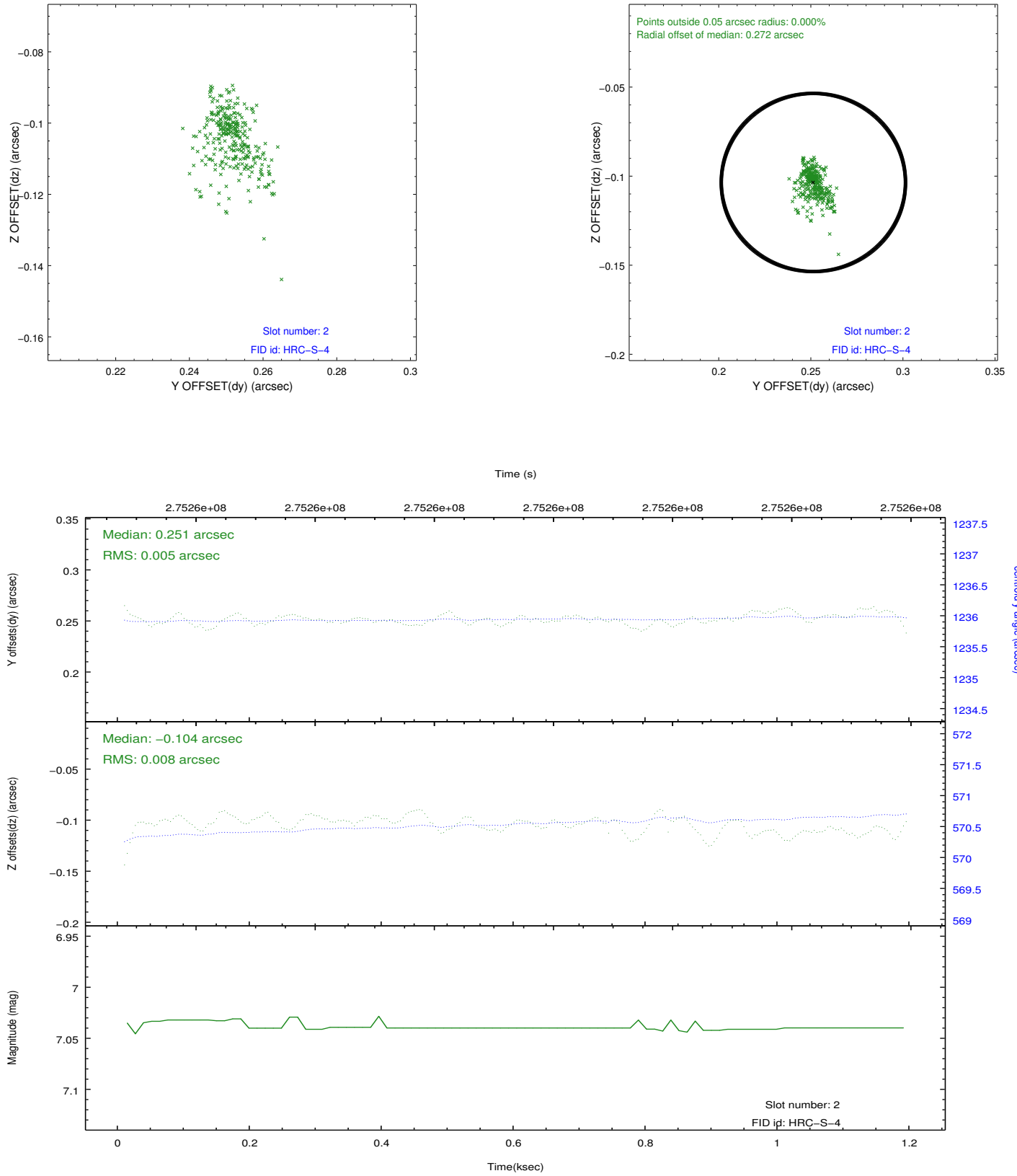
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.15722505

A.2 Comments