

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6508 - L2 Version 3
Chandra X-Ray Center

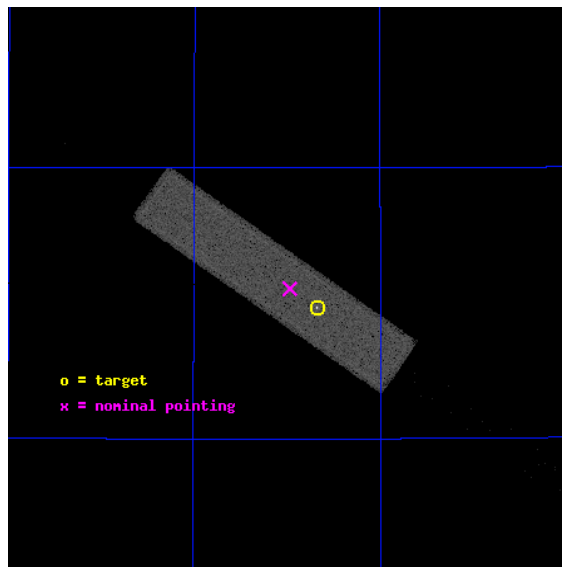
L2 Processing Date : Aug 11 2012

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1 Front

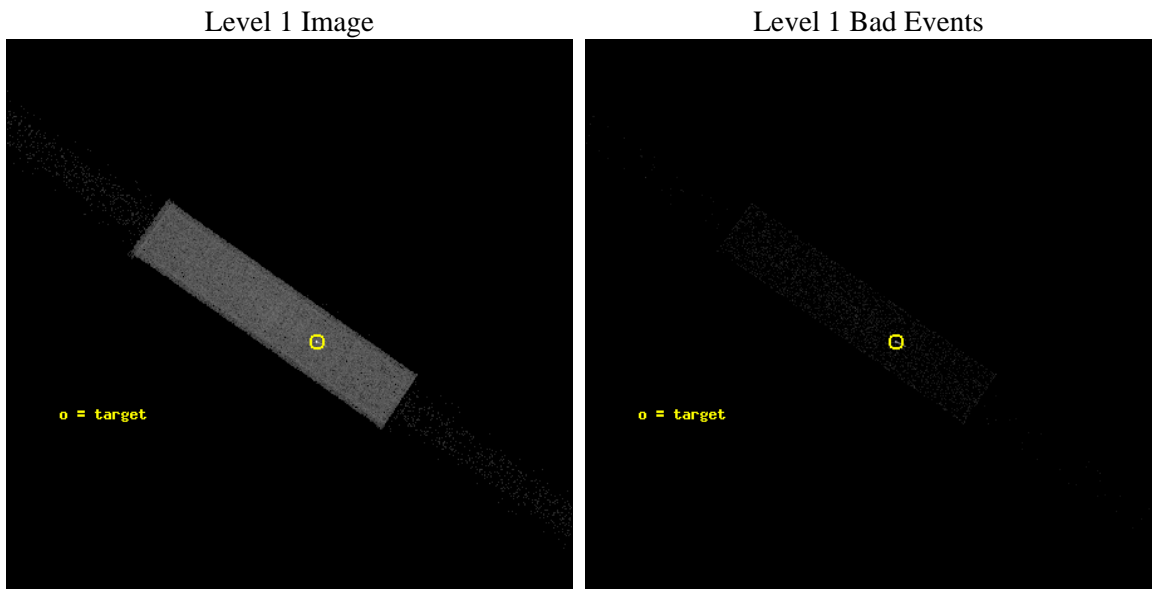
seq_num	290601	Sequence number
obs_id	6508	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24255411195	Nominal RA [deg]
dec_nom	45.777328139976	Nominal Dec [deg]
roll_nom	214.73821497095	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.0750541687	[s]
livetime	1142.1431611407	Ontime multiplied by DTCOR
l2events	62777	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	1151.0750541687	[s]
caldbver	4.5.1.1	 	l1events	100856	Number of level 1 events
date	2012-08-11T14:02:26	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

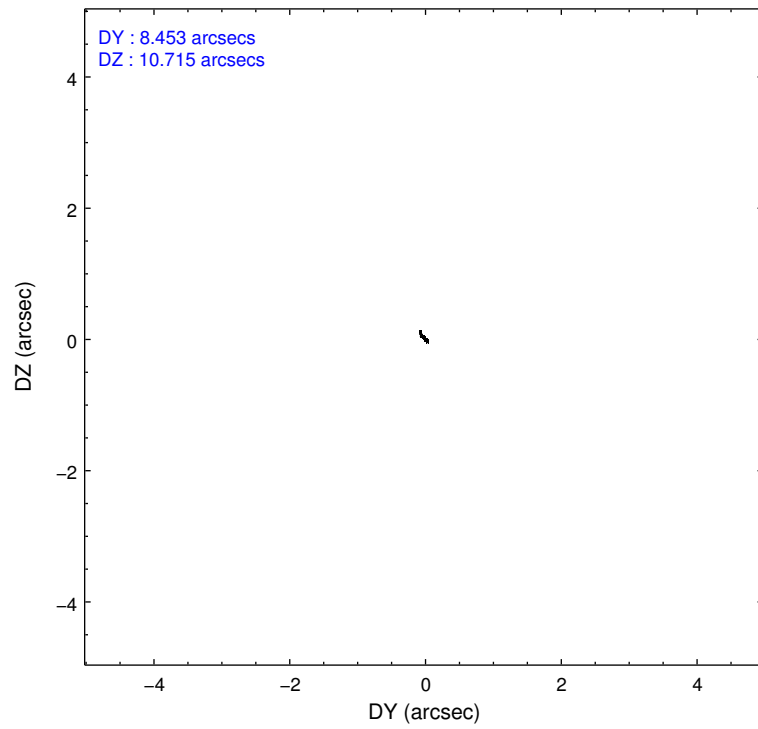
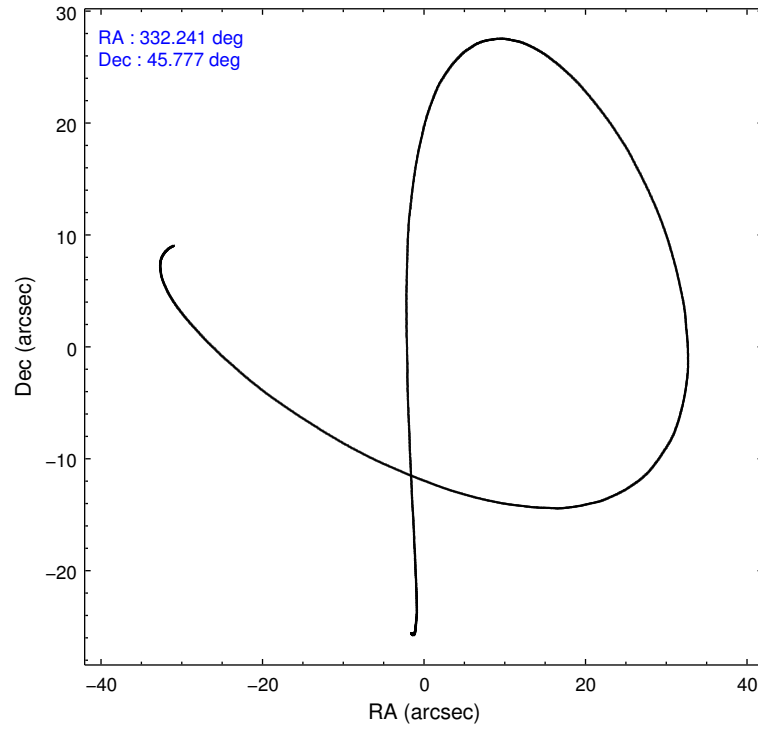
	segment 1	segment 2	segment 3
level 1 events	886	99125	845
rejected events	879	22932	806
rejected %	99%	23%	95%

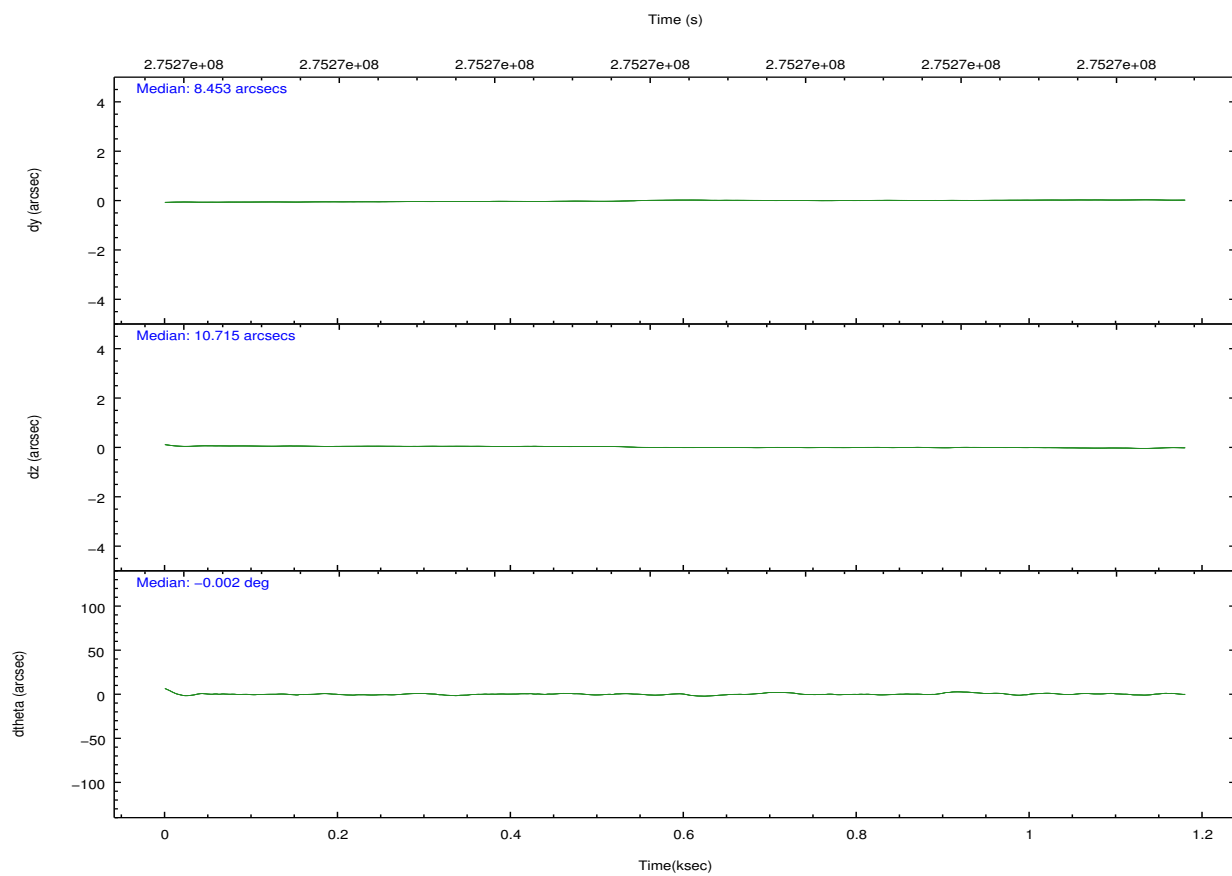
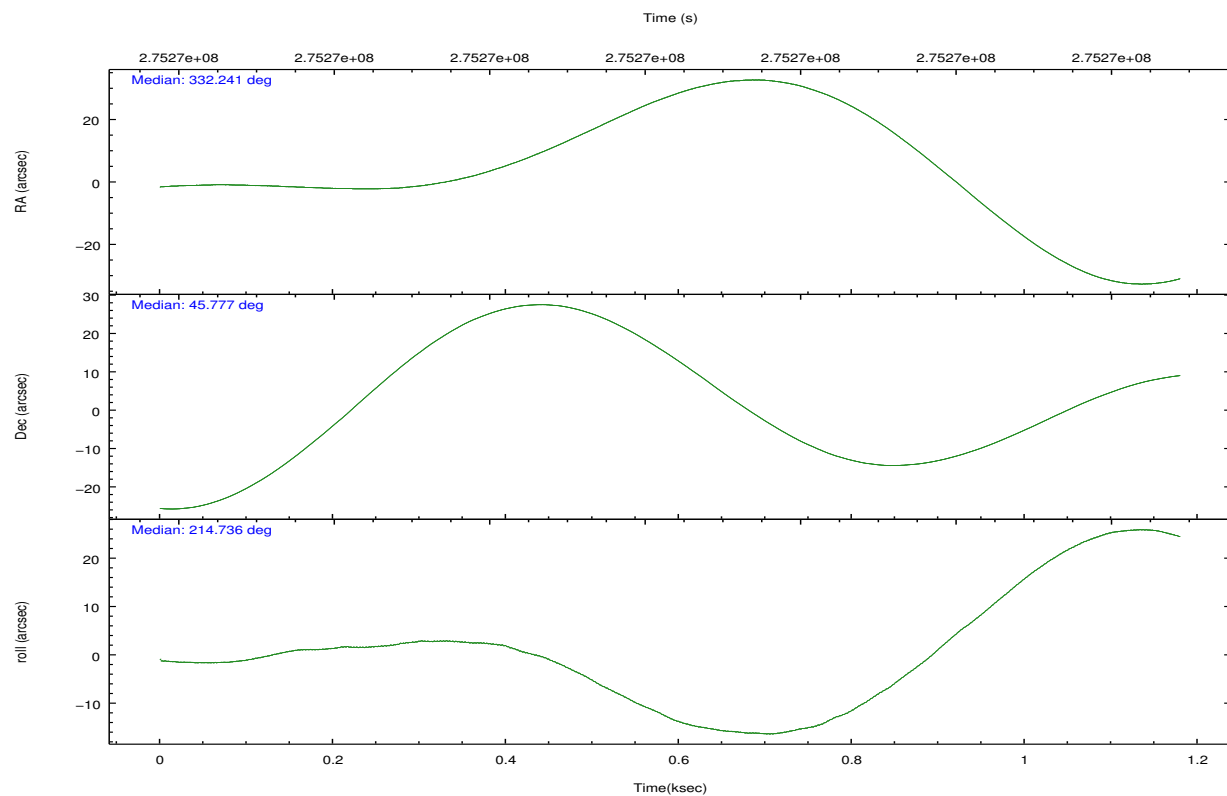
2.2 Compared Parameters

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	332.258595	332.242554111951
[deg] Pointing Dec	45.804131	45.77732813997557
[deg] Pointing Roll	214.659377	214.7382149709523
[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)	275270420.184000	275270044.30556
Observation start date	2006-09-21T23:59:15	2006-09-21T23:54:04
[s] Observation end time (MET)	275271420.184000	275271554.13063
Observation end date	2006-09-22T00:15:55	2006-09-22T00:19:14

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

2.3 Aspect



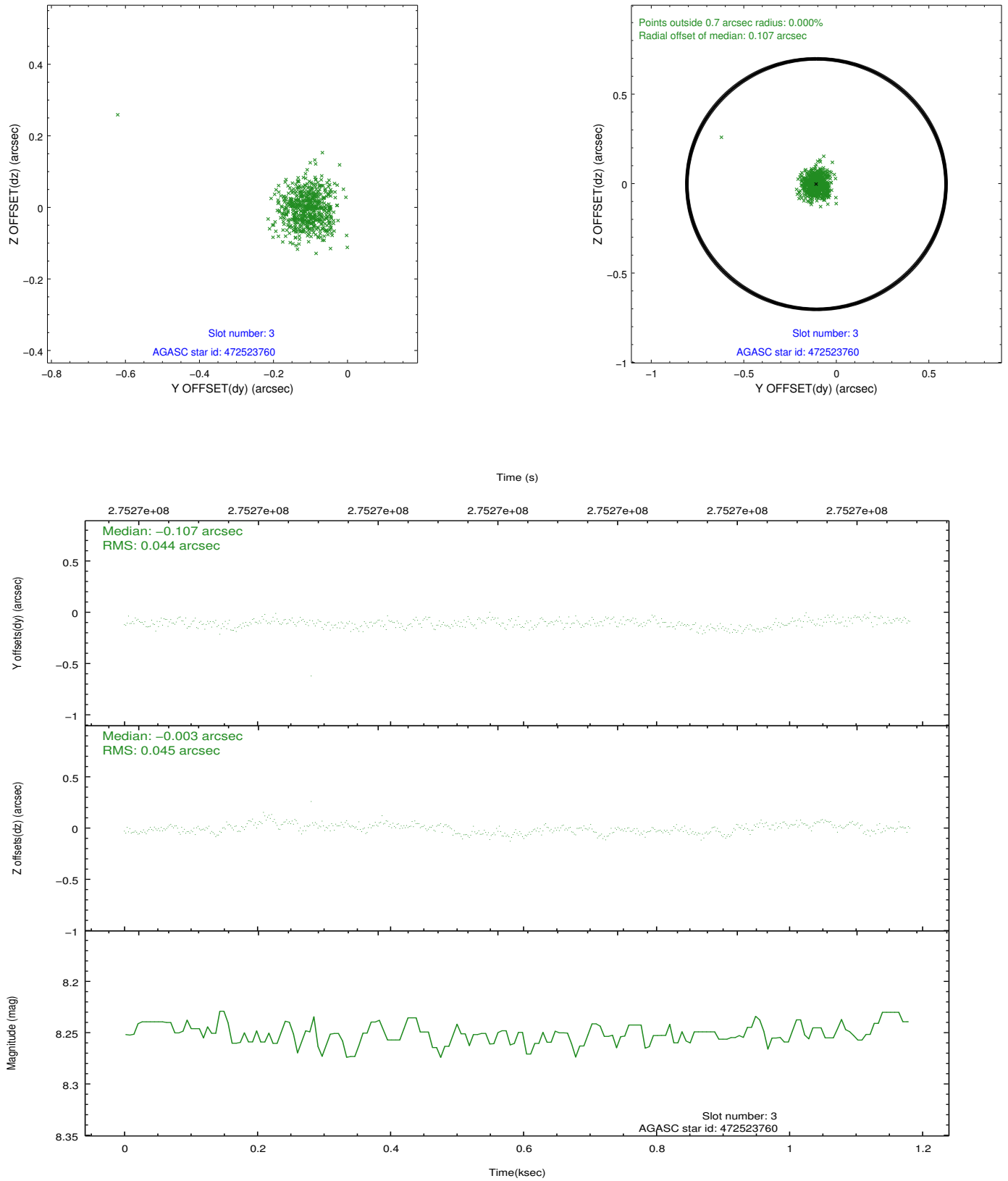


Slot Statistics

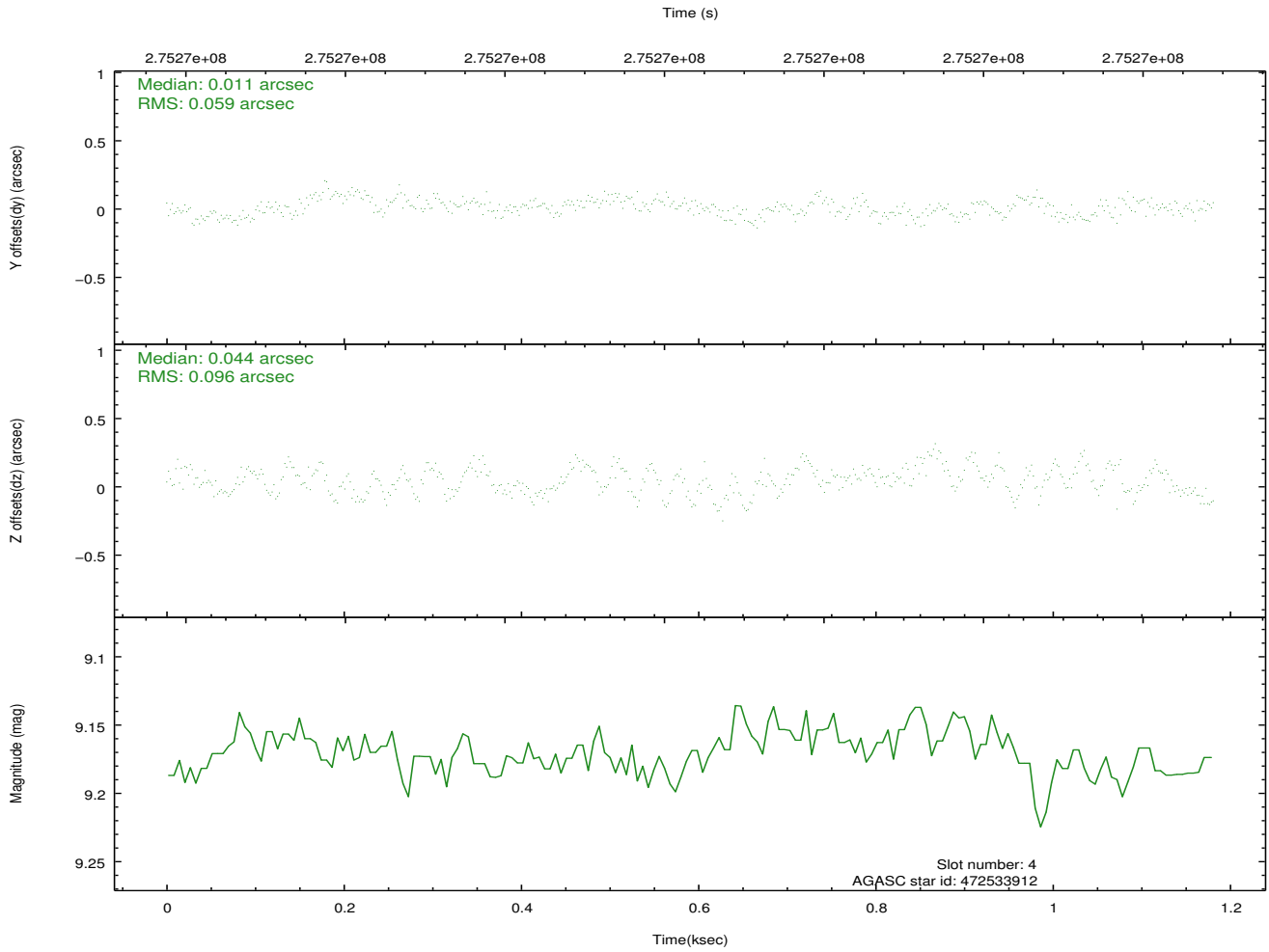
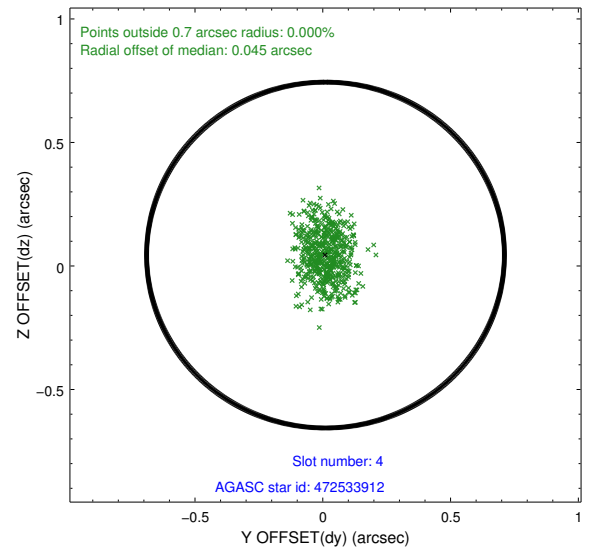
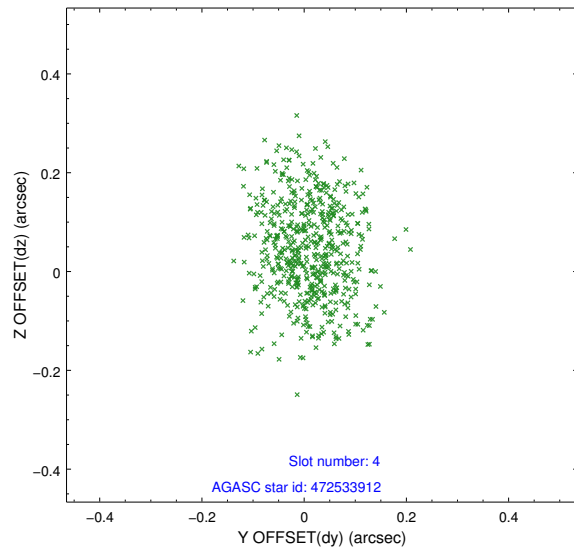
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.05	288	0.141	-0.160	0.007	0.014	0.000000	0.000000	1237.04	-452.10
1	FID	HRC-S-3	7.07	288	0.051	-0.096	0.004	0.009	0.000000	0.000000	-1161.10	568.61
2	FID	HRC-S-4	7.02	288	0.215	-0.040	0.008	0.016	0.000000	0.000000	1231.69	574.71
3	GUIDE	472523760	8.25	577	-0.107	-0.003	0.063	0.101	331.645363	45.403260	2091.10	300.59
4	GUIDE	472533912	9.17	577	0.011	0.044	0.120	0.197	331.791136	46.368695	-200.04	-2334.57
5	GUIDE	472655152	9.44	577	-0.004	-0.147	0.091	0.156	332.504239	45.862991	-629.09	170.83
6	GUIDE	472663080	9.42	577	0.065	0.062	0.096	0.166	332.652741	46.473840	-2178.42	-1429.35
7	GUIDE	472665256	9.02	575	0.044	0.063	0.091	0.155	332.808125	46.195041	-1934.23	-385.38

2.4 Star Slots

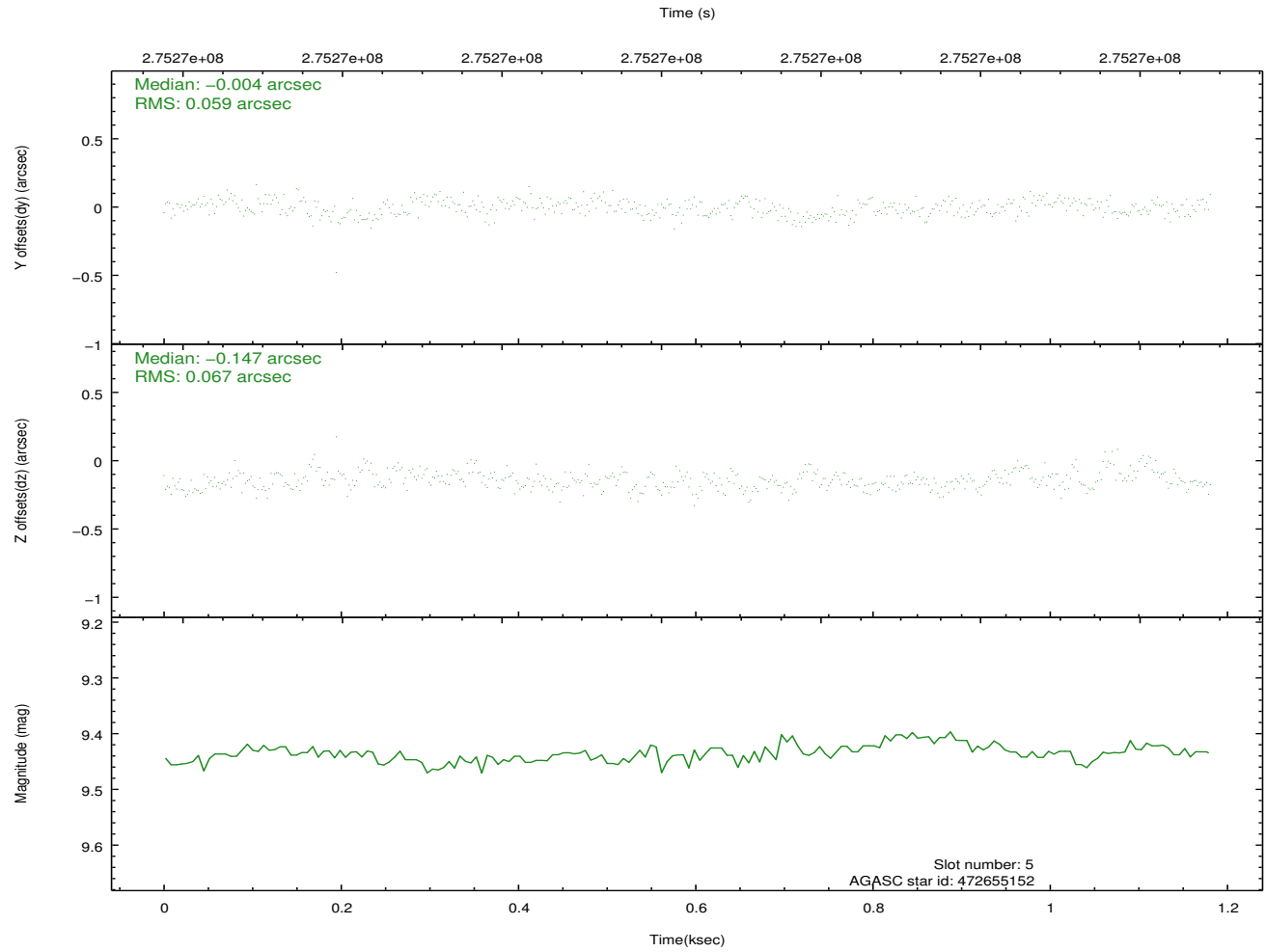
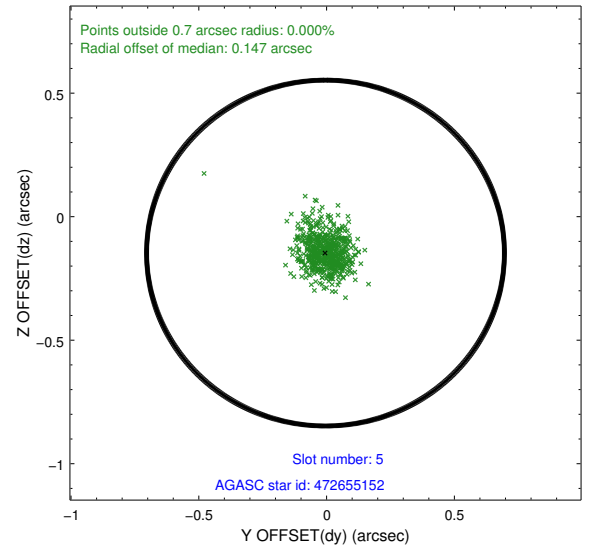
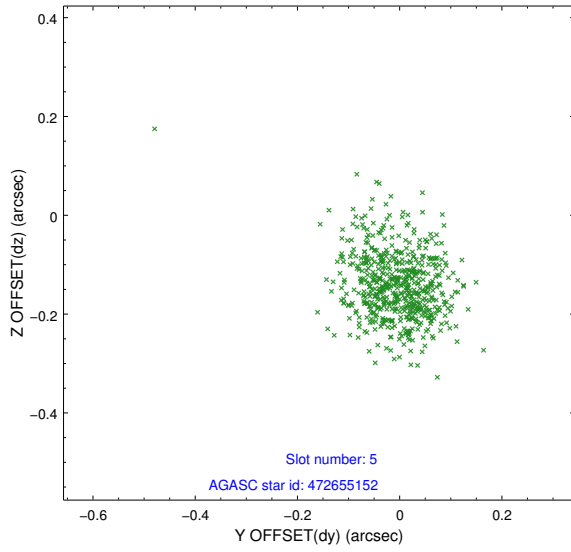
2.4.1 Slot 3



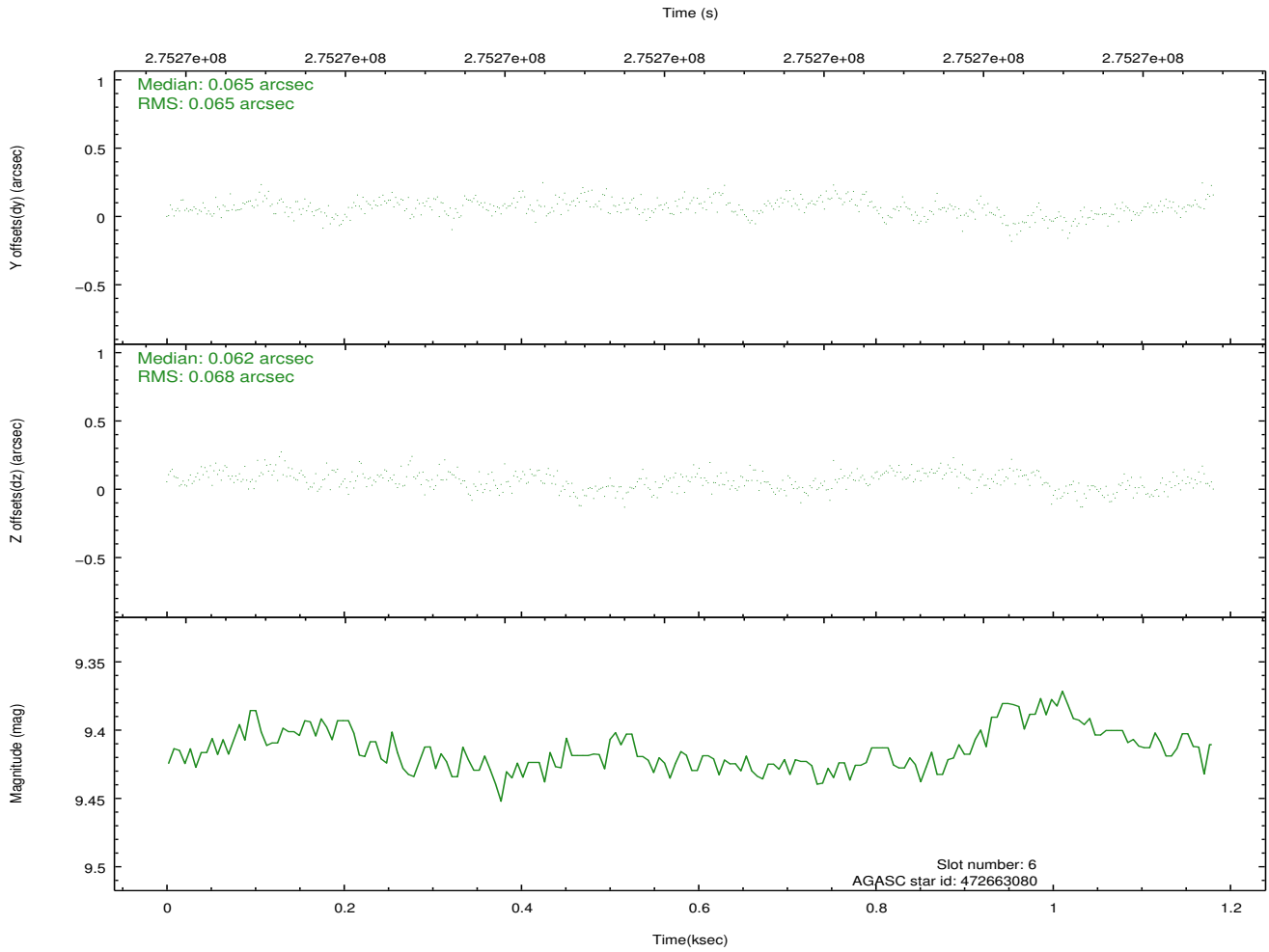
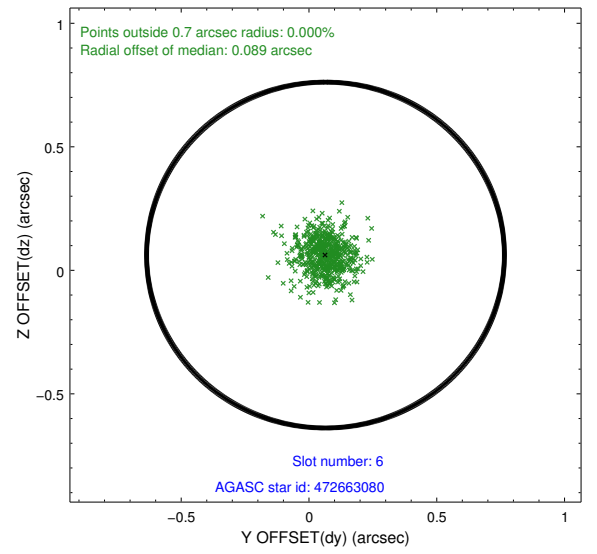
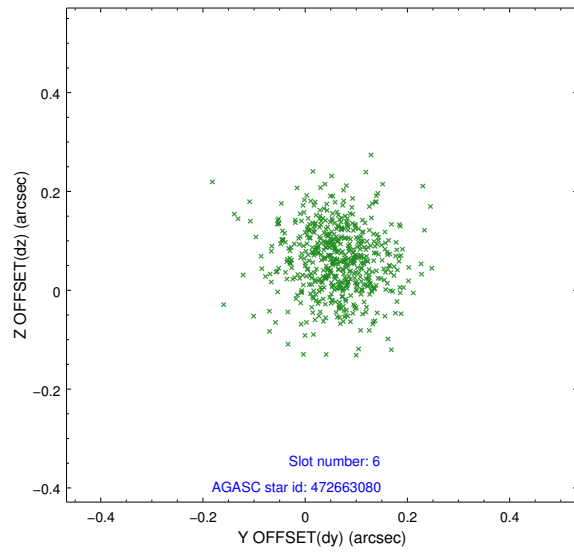
2.4.2 Slot 4



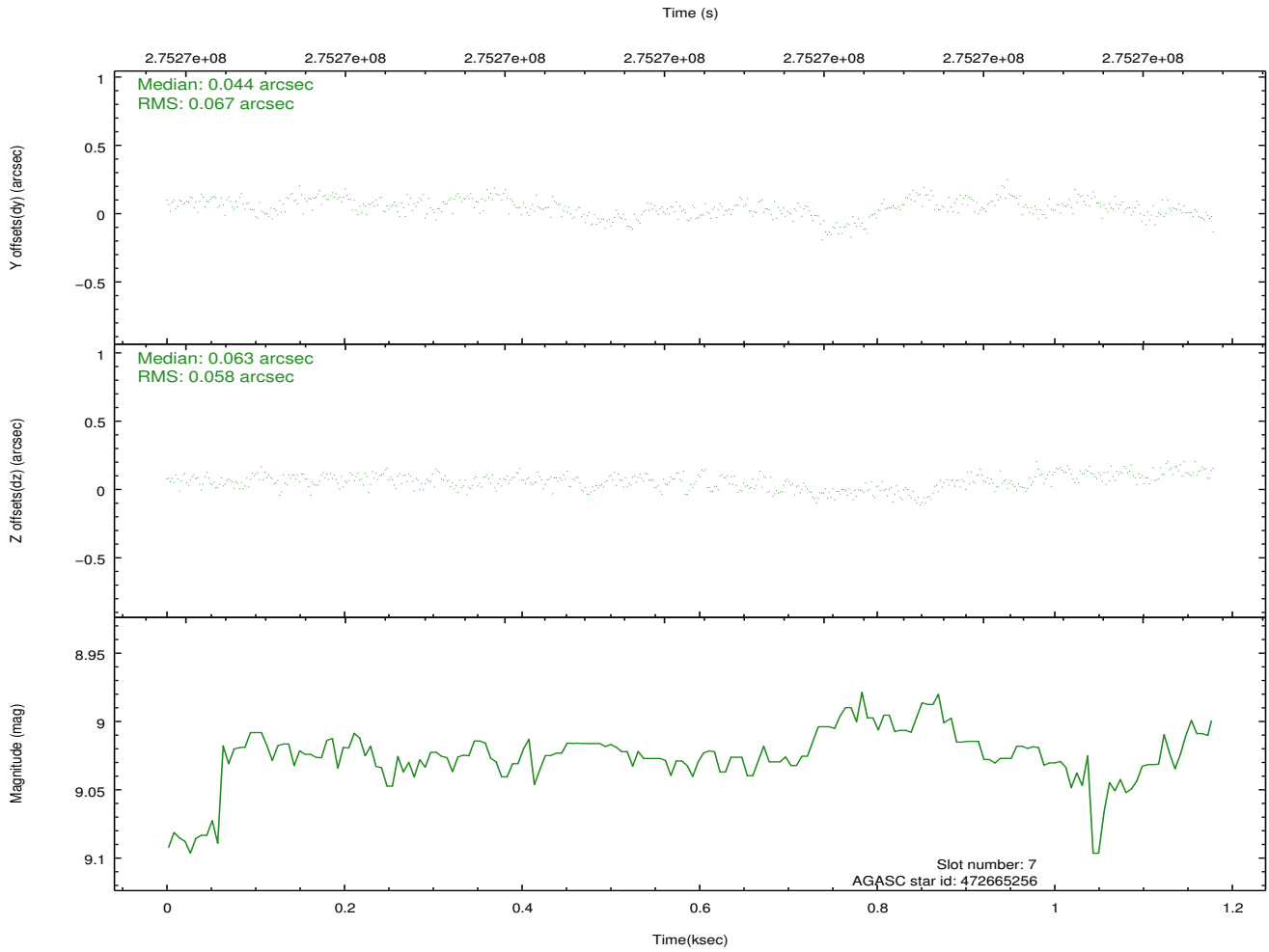
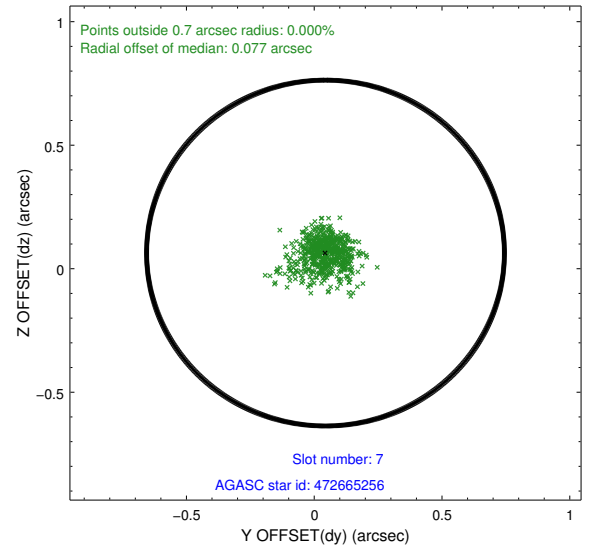
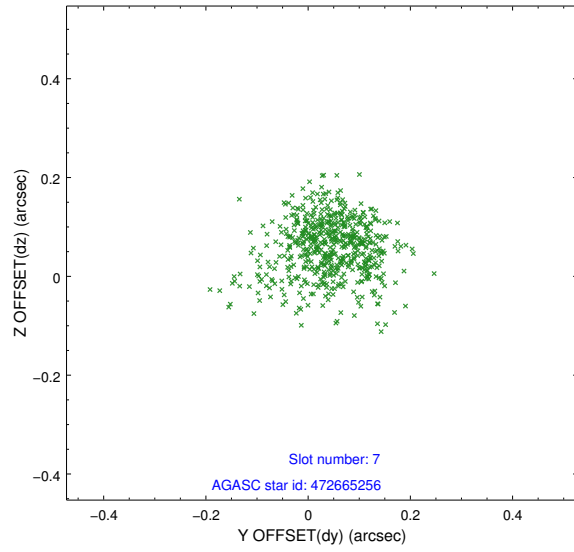
2.4.3 Slot 5



2.4.4 Slot 6

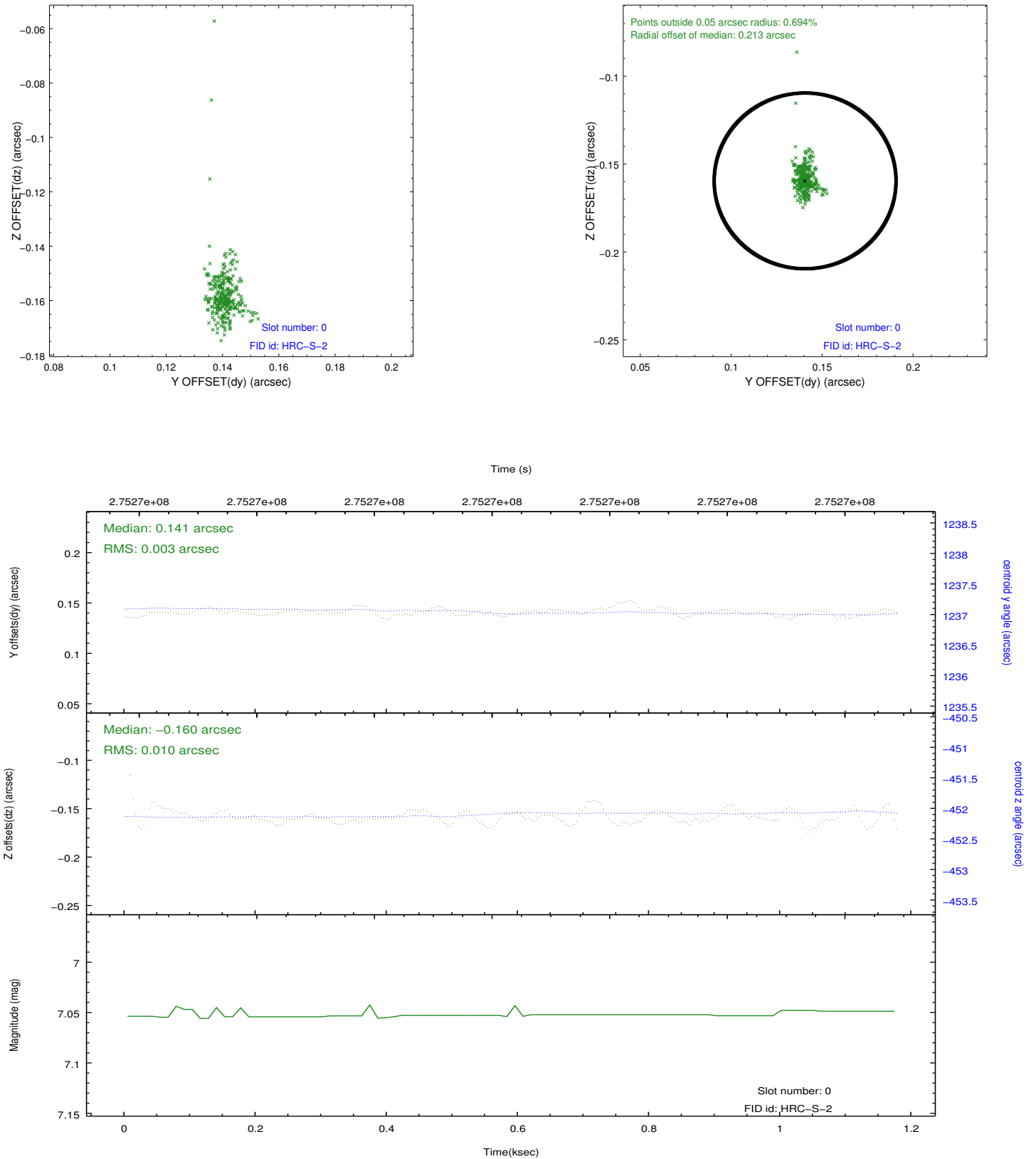


2.4.5 Slot 7

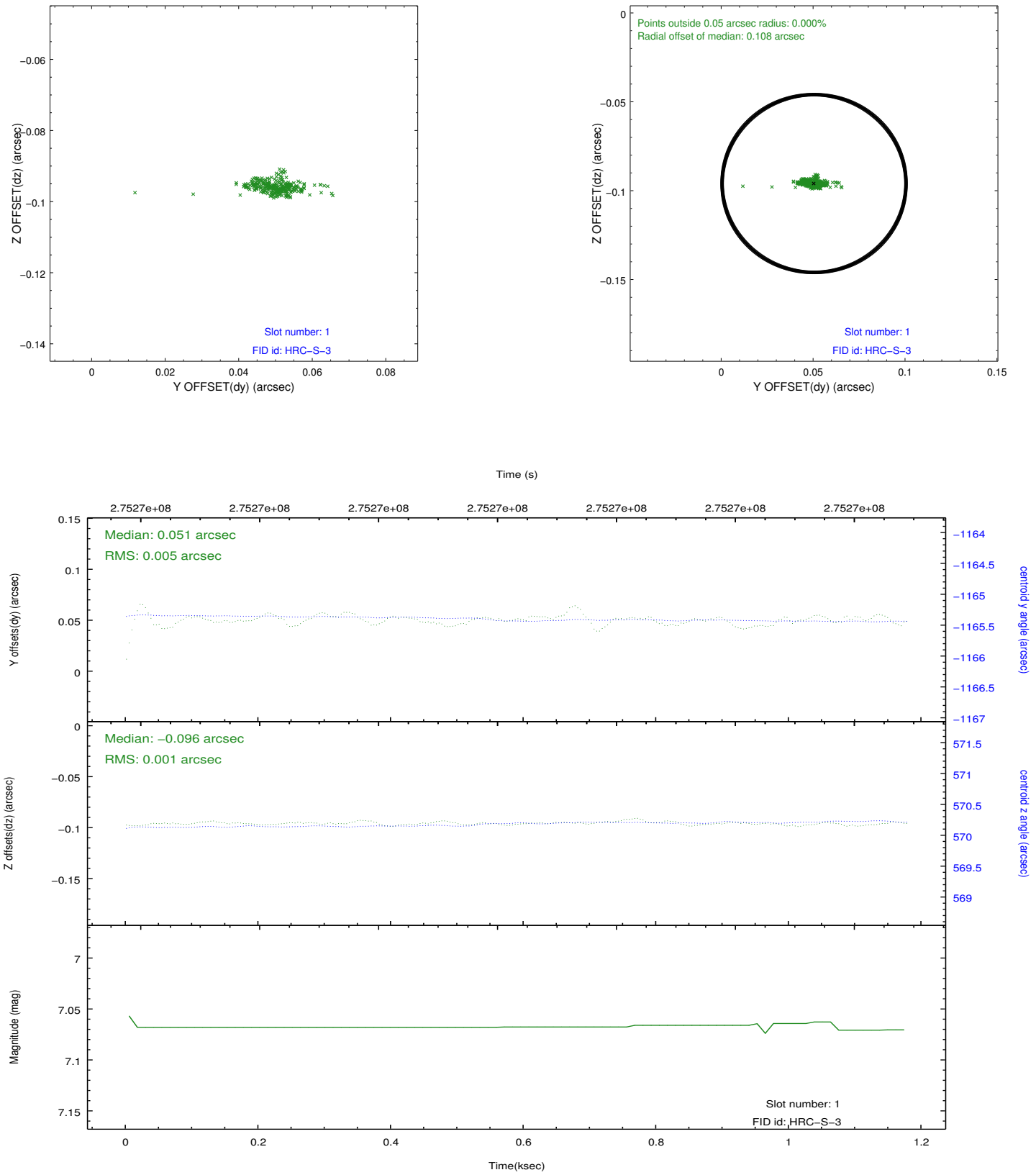


2.5 FID Slots

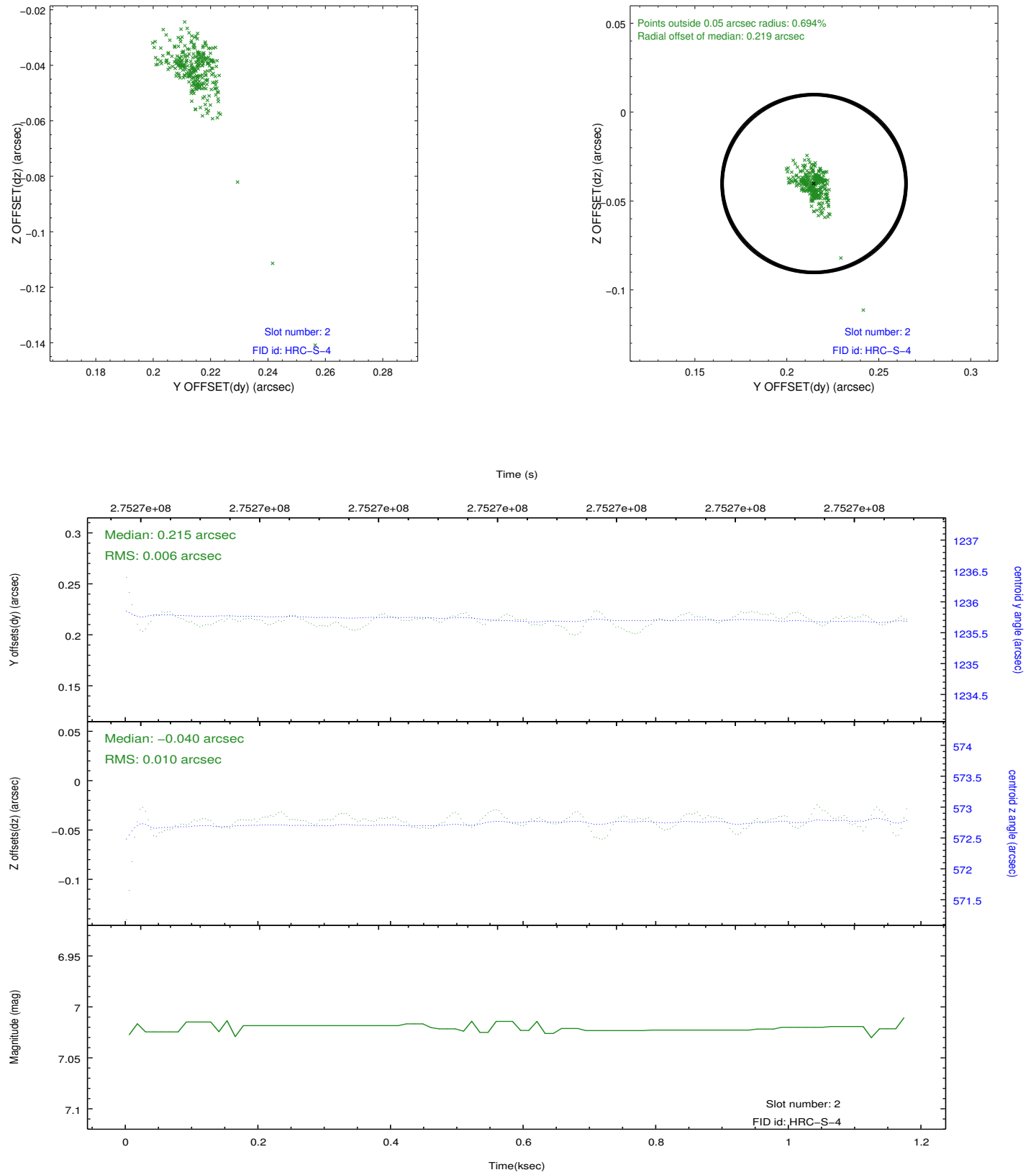
2.5.1 Slot 0



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	1.1513313

A.2 Comments