

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10580 - L2 Version 3
Chandra X-Ray Center

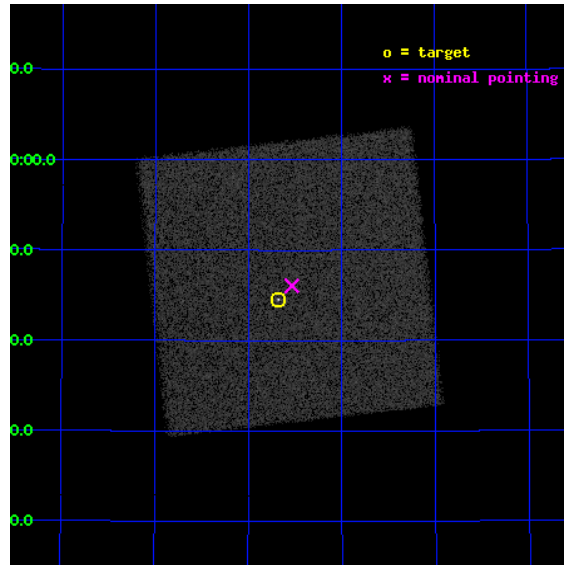
L2 Processing Date : Aug 13 2012

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1 Front

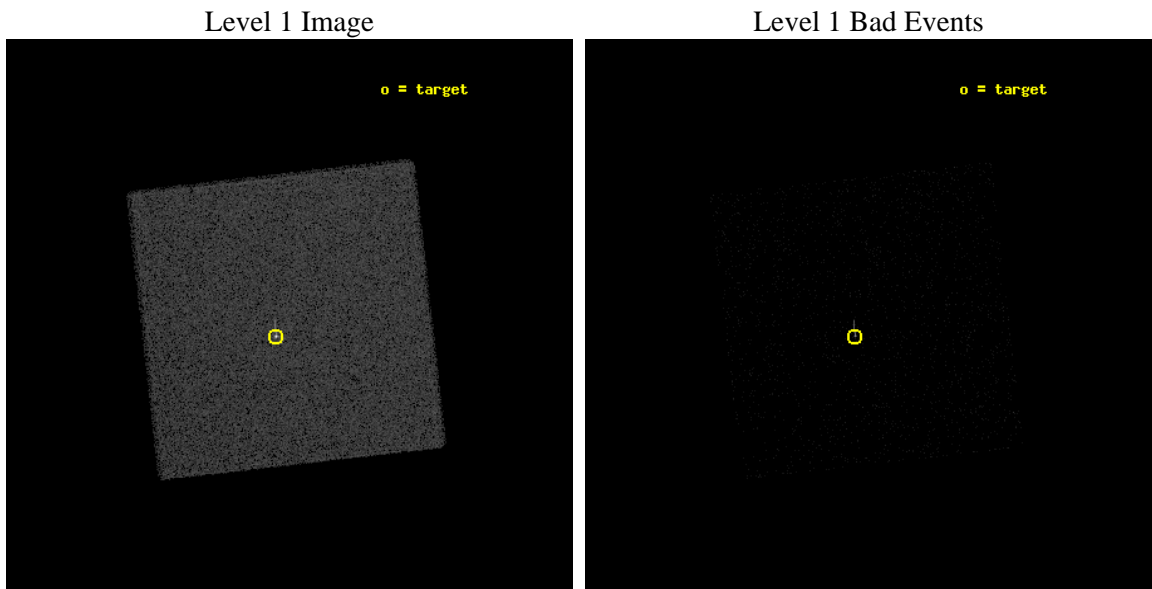
seq_num	290816	Sequence number
obs_id	10580	Observation id
title	AO-10 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.13334266254	Nominal RA [deg]
dec_nom	45.76783068065	Nominal Dec [deg]
roll_nom	218.48042129595	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1179.7750592828	[s]
livetime	1164.9714958386	Ontime multiplied by DTCOR
l2events	94574	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	1179.7750592828	[s]
caldbver	4.5.1.1	 	l1events	173262	Number of level 1 events
date	2012-08-13T13:34:06	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

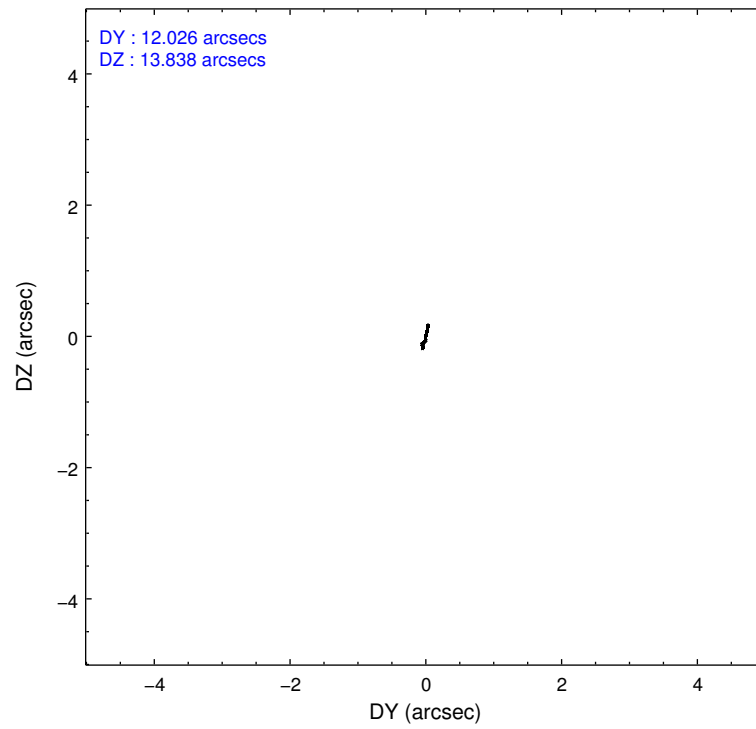
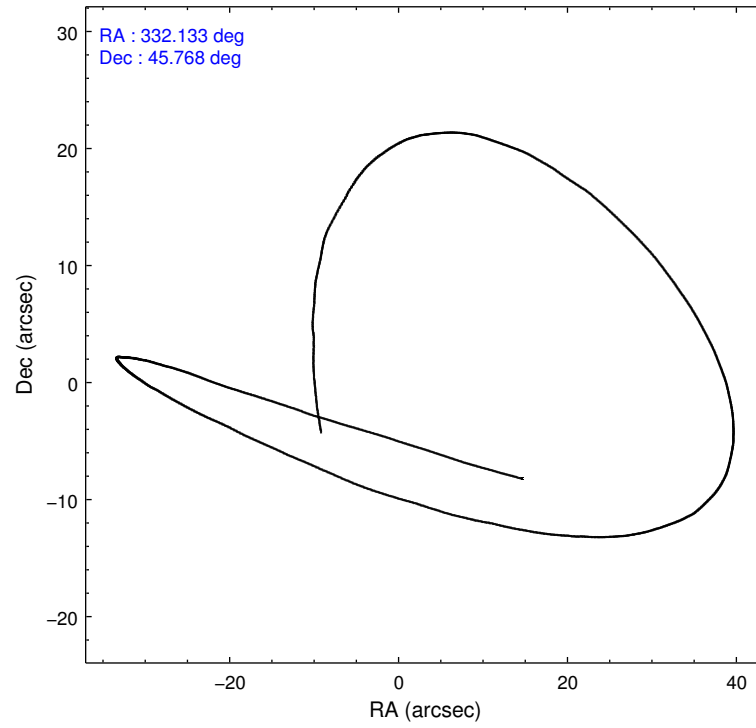
Level 1 Events

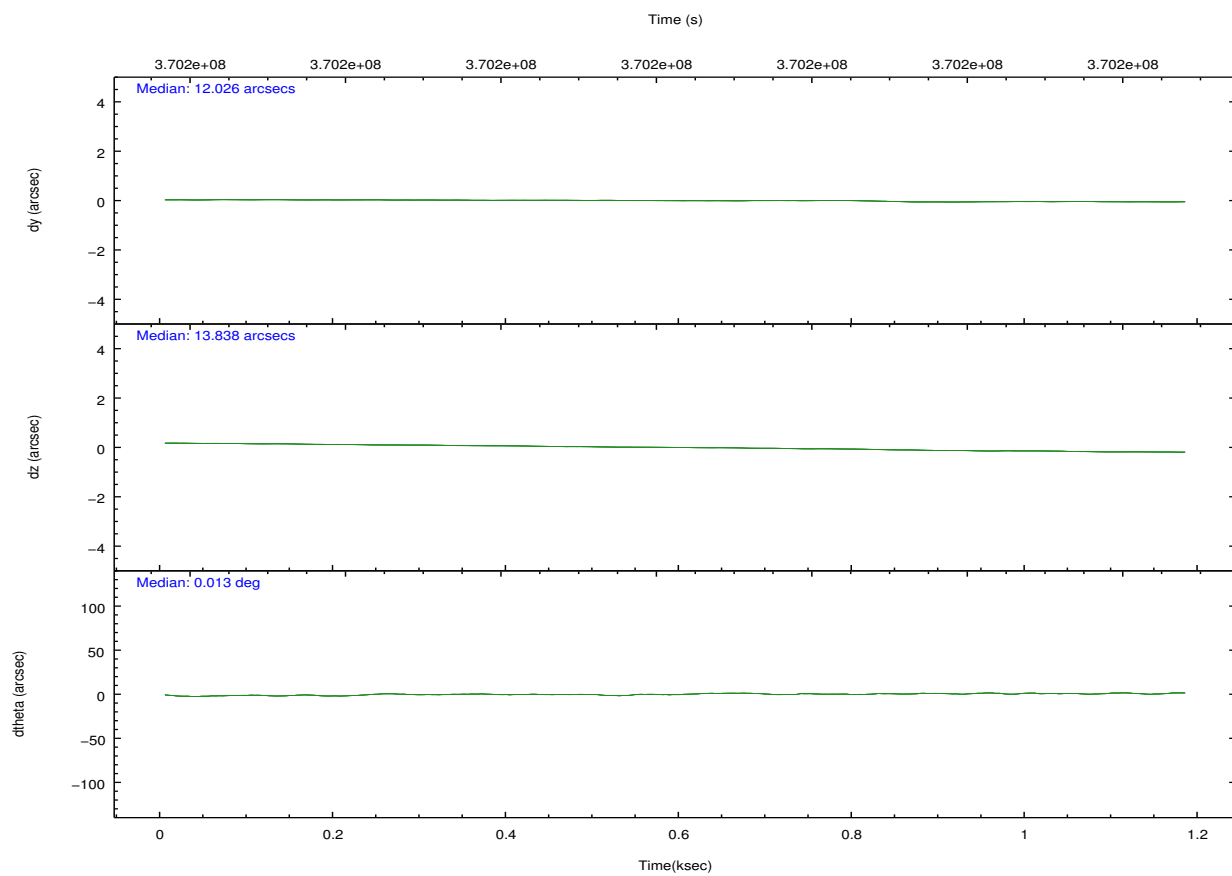
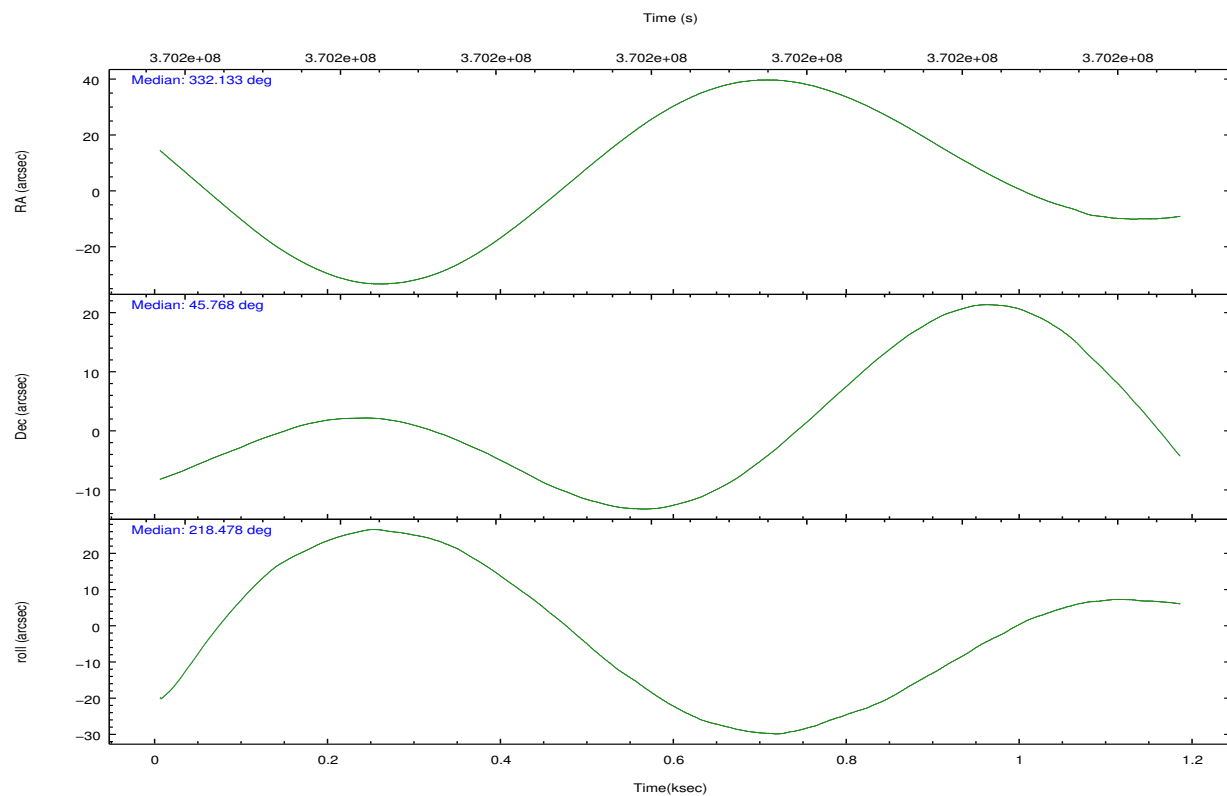
	segment 0
level 1 events	173262
rejected events	37789
rejected %	21%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.147892	332.1333426625417			
[deg] Pointing Dec	45.792675	45.76783068064993			
[deg] Pointing Roll	218.565512	218.4804212959546			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9804656746847			
[mm] SIM translation stage offset	0	0.005023216916882234			
[s] Observation start time (MET)	370201819.184000	370201443.05876			
Observation start date	2009-09-24T17:49:13	2009-09-24T17:44:03			
[s] Observation end time (MET)	370202819.184000	370202952.88383			
Observation end date	2009-09-24T18:05:53	2009-09-24T18:09:12			

2.3 Aspect



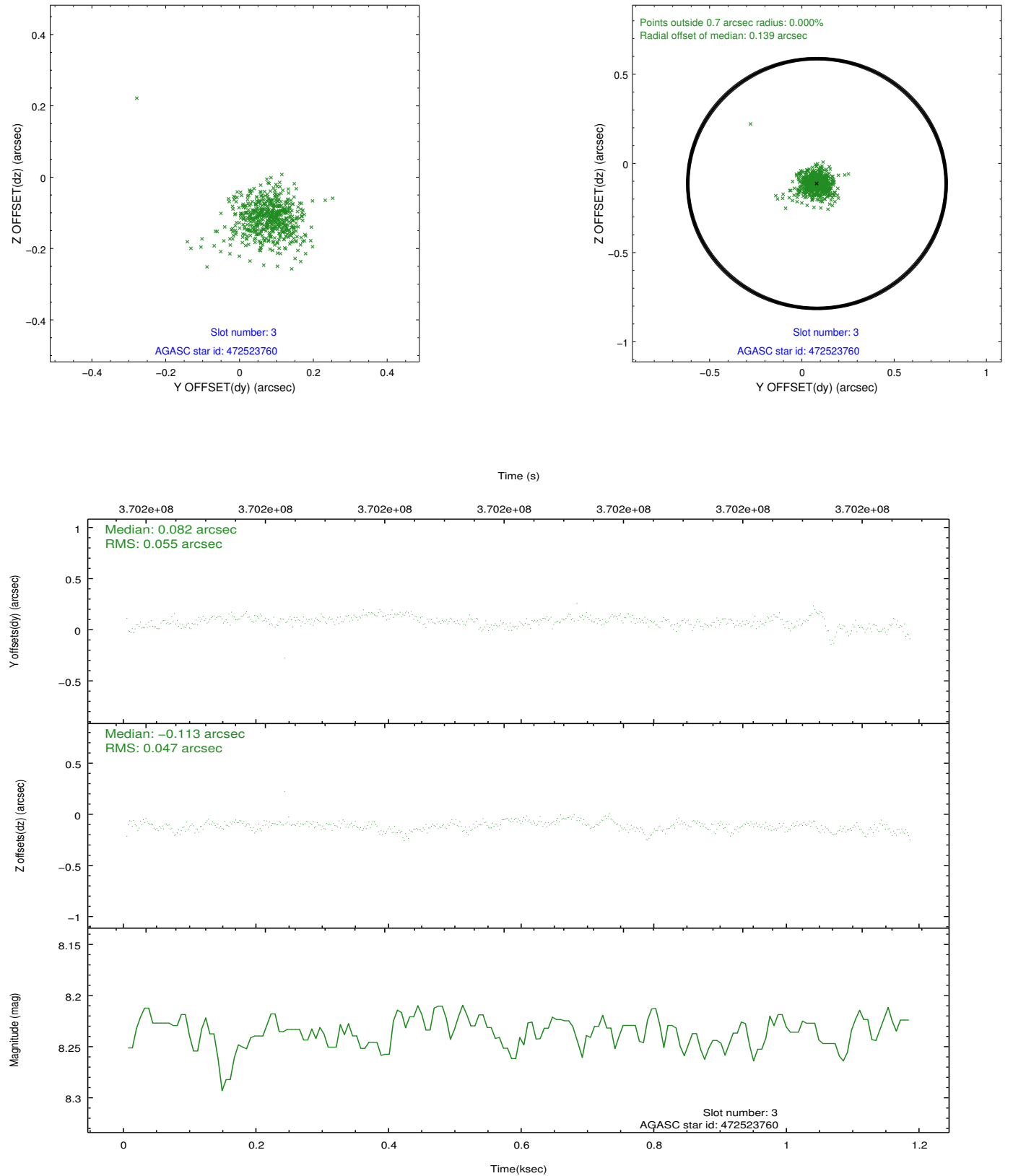


Slot Statistics

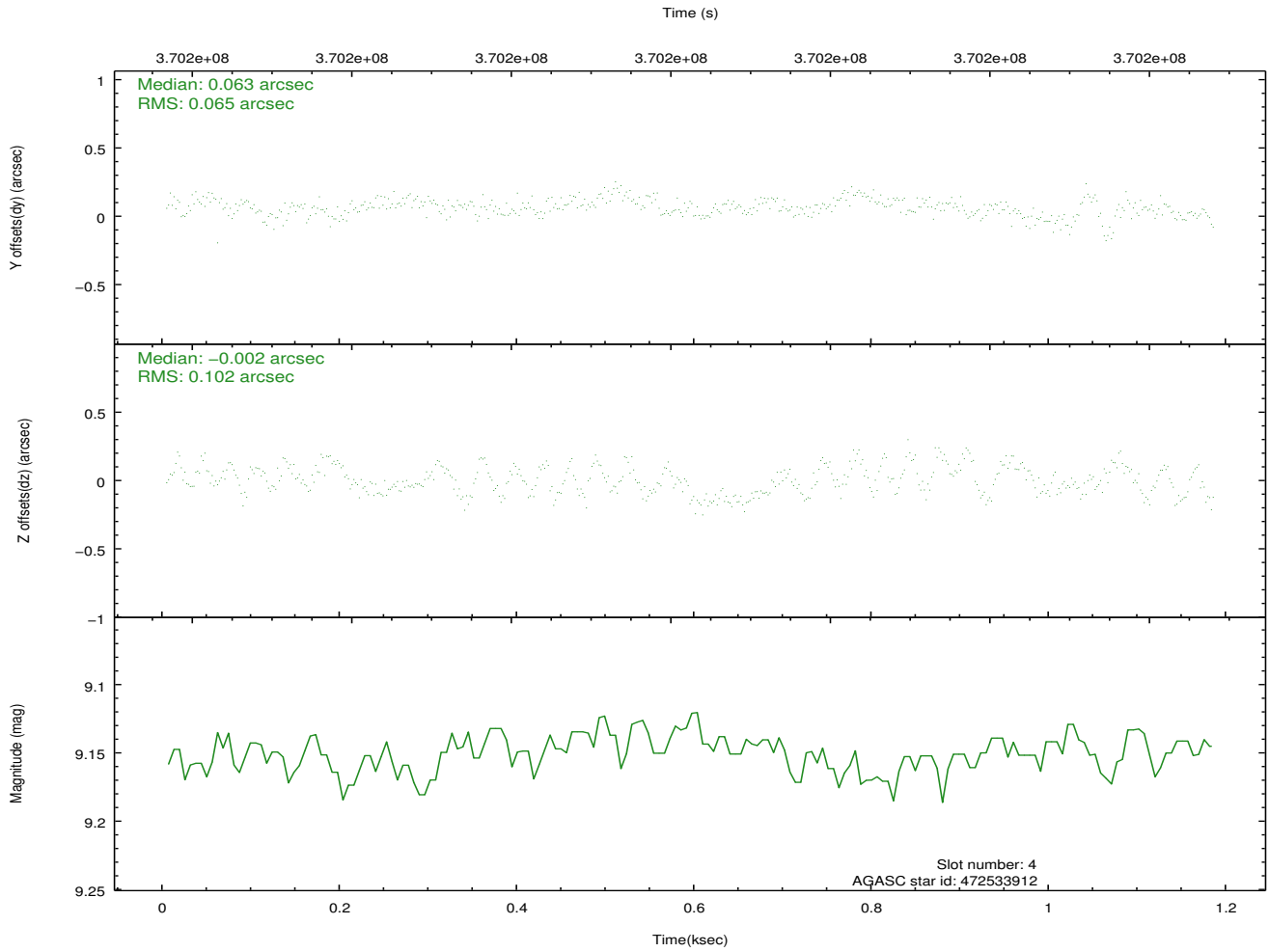
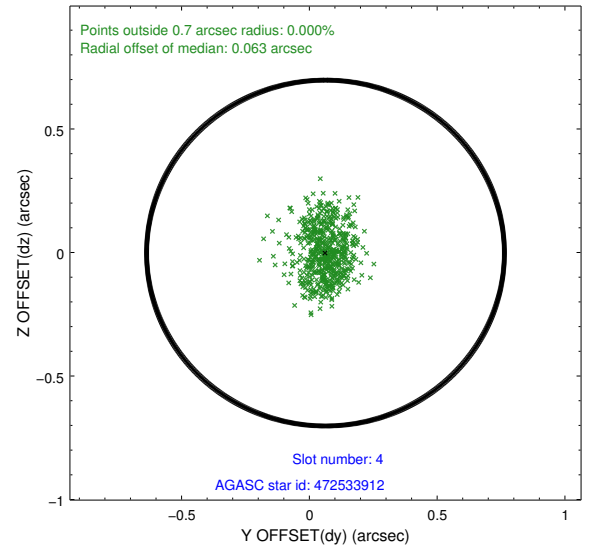
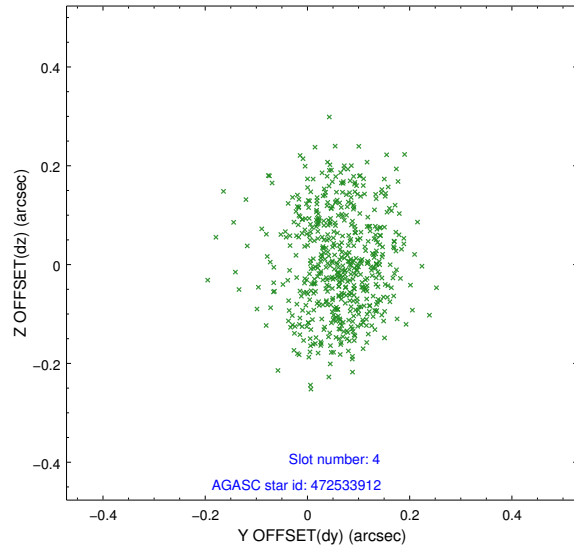
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	288	-0.112	-0.028	0.007	0.011	0.000000	0.000000	-767.94	-1301.79
1	FID	HRC-I-2	7.01	288	0.184	-0.090	0.007	0.012	0.000000	0.000000	842.32	-1308.06
2	FID	HRC-I-4	7.01	288	0.044	0.025	0.006	0.011	0.000000	0.000000	1278.09	995.74
3	GUIDE	472523760	8.23	576	0.082	-0.113	0.070	0.125	331.645363	45.403260	1864.50	305.07
4	GUIDE	472533912	9.15	577	0.063	-0.002	0.131	0.204	331.791136	46.368695	-597.98	-2171.02
5	GUIDE	472655152	9.42	574	0.047	-0.130	0.140	0.234	332.504239	45.862991	-858.86	357.63
6	GUIDE	472665256	9.03	577	0.125	0.160	0.091	0.165	332.808125	46.195041	-2195.33	-107.66
7	GUIDE	472525528	6.65	576	-0.317	0.077	0.092	0.151	331.551102	45.248694	2395.59	587.78

2.4 Star Slots

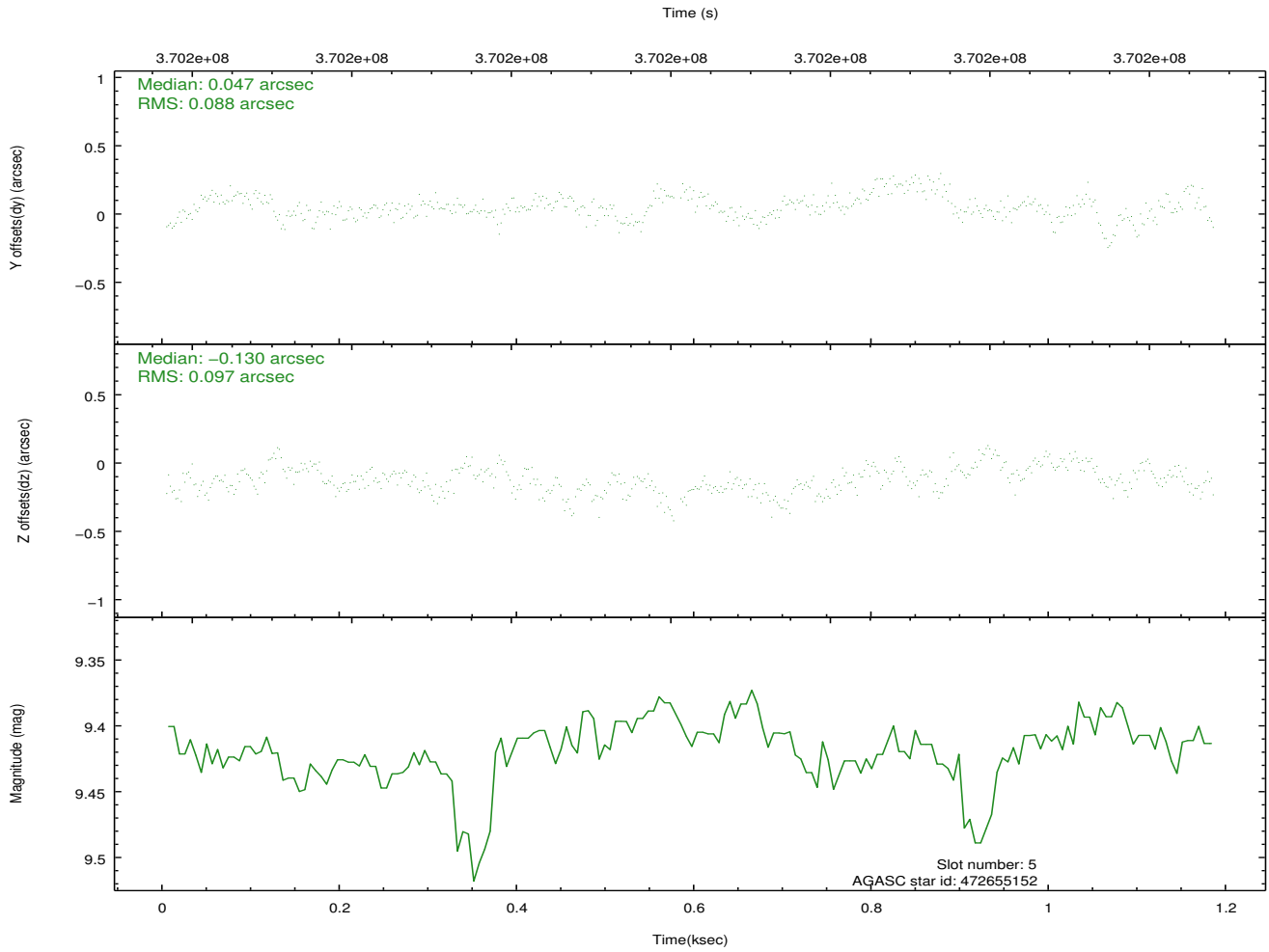
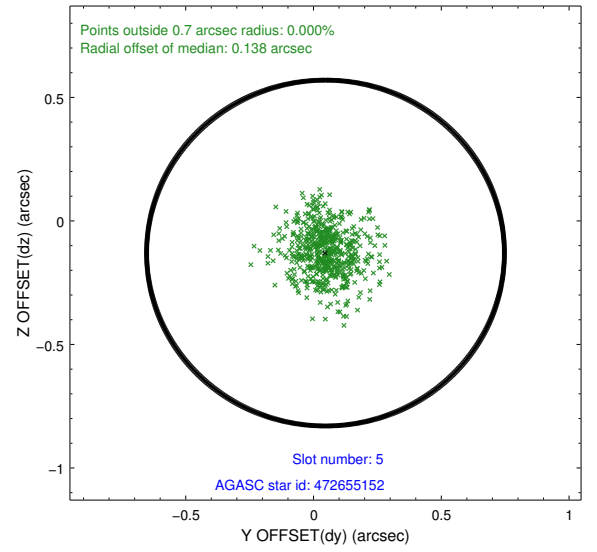
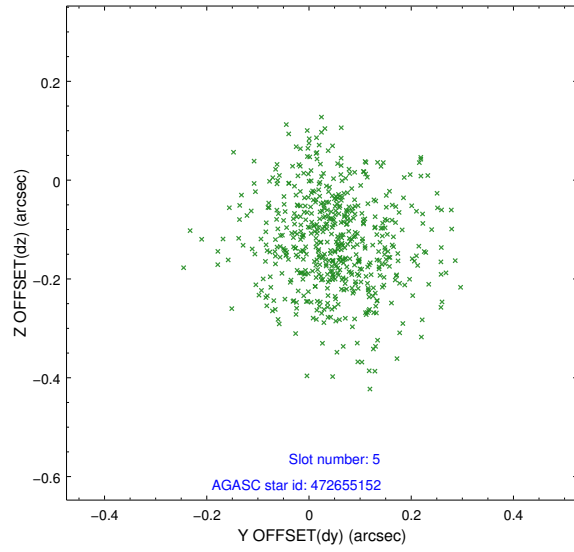
2.4.1 Slot 3



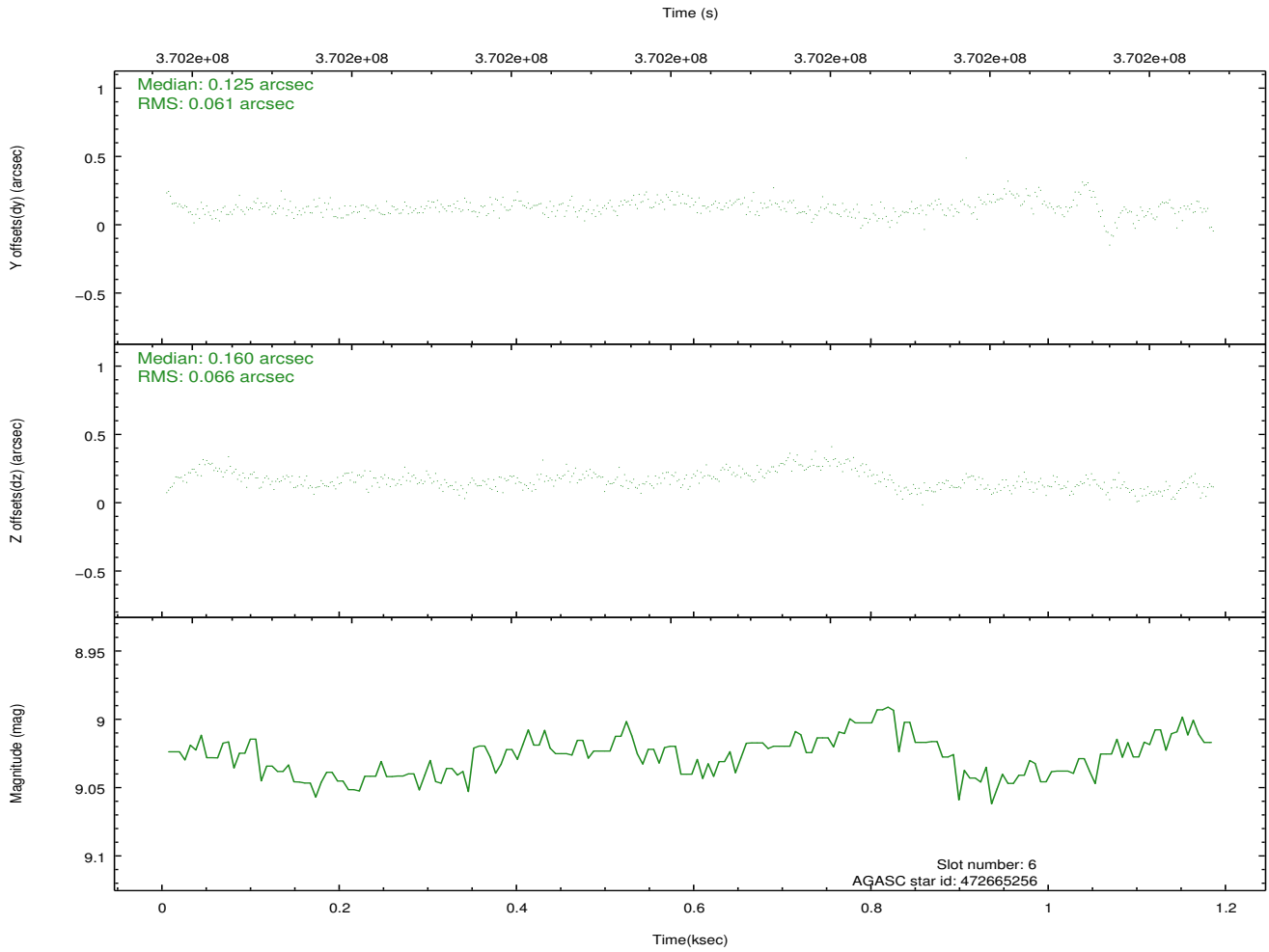
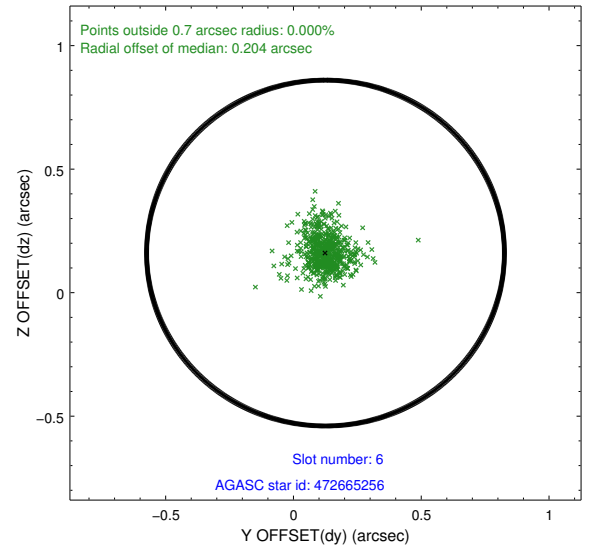
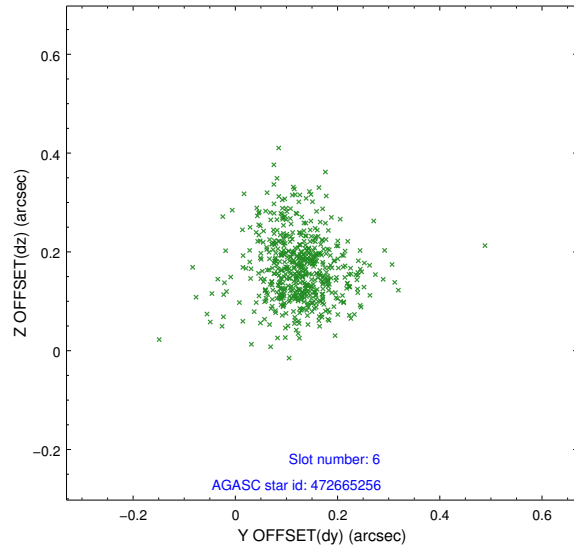
2.4.2 Slot 4



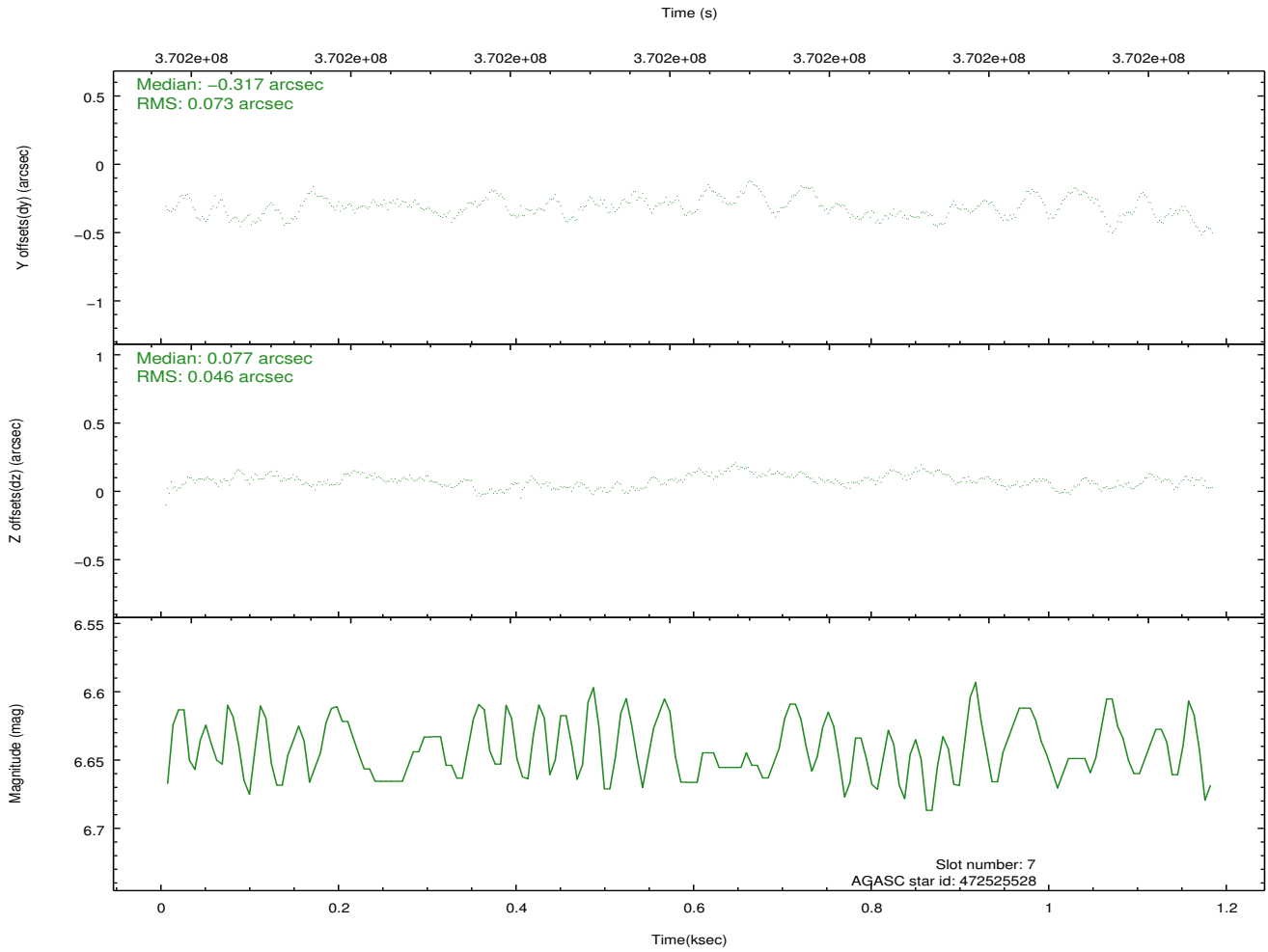
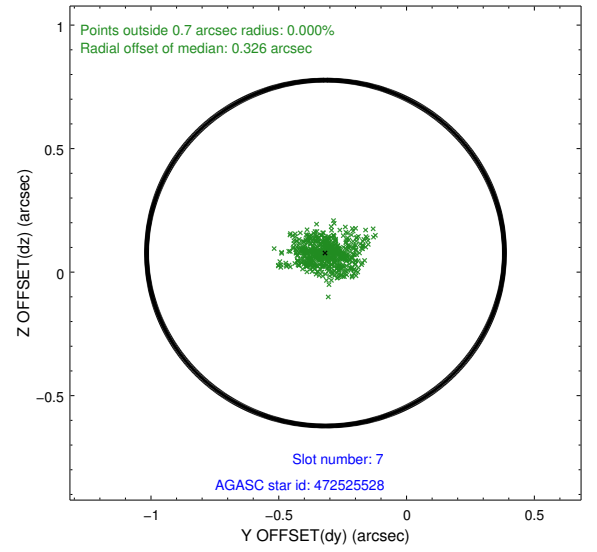
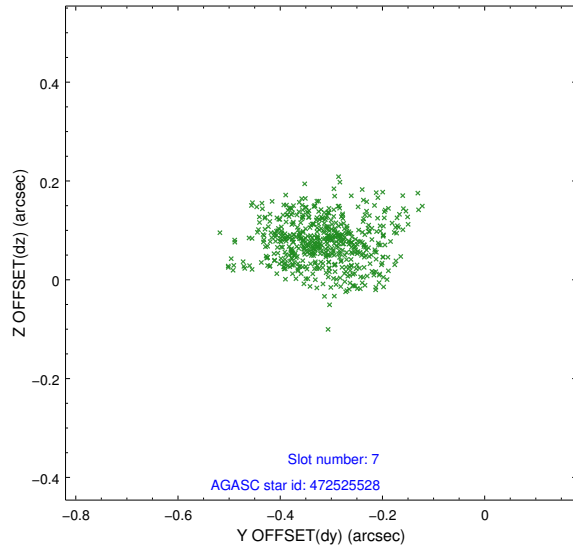
2.4.3 Slot 5



2.4.4 Slot 6

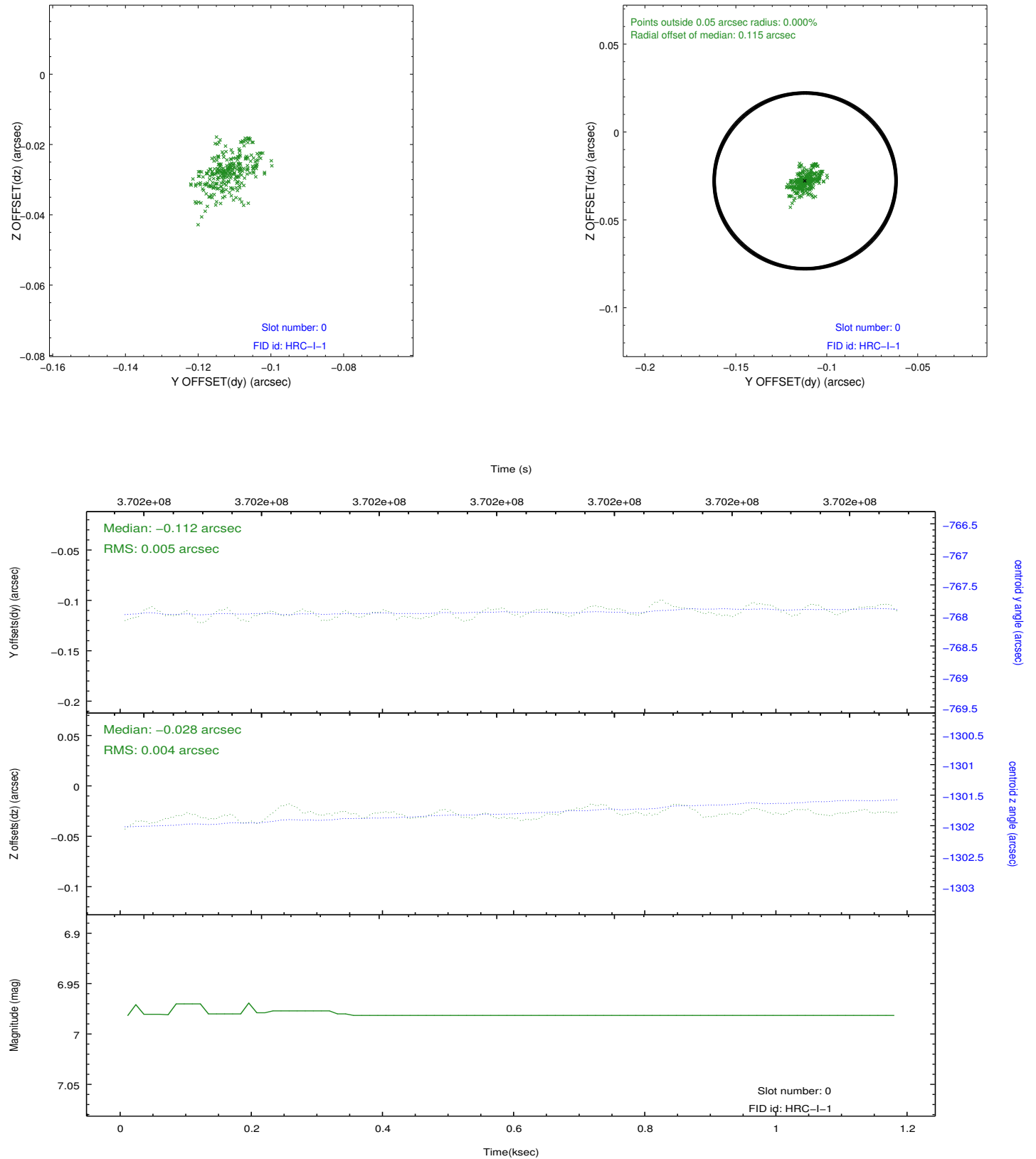


2.4.5 Slot 7

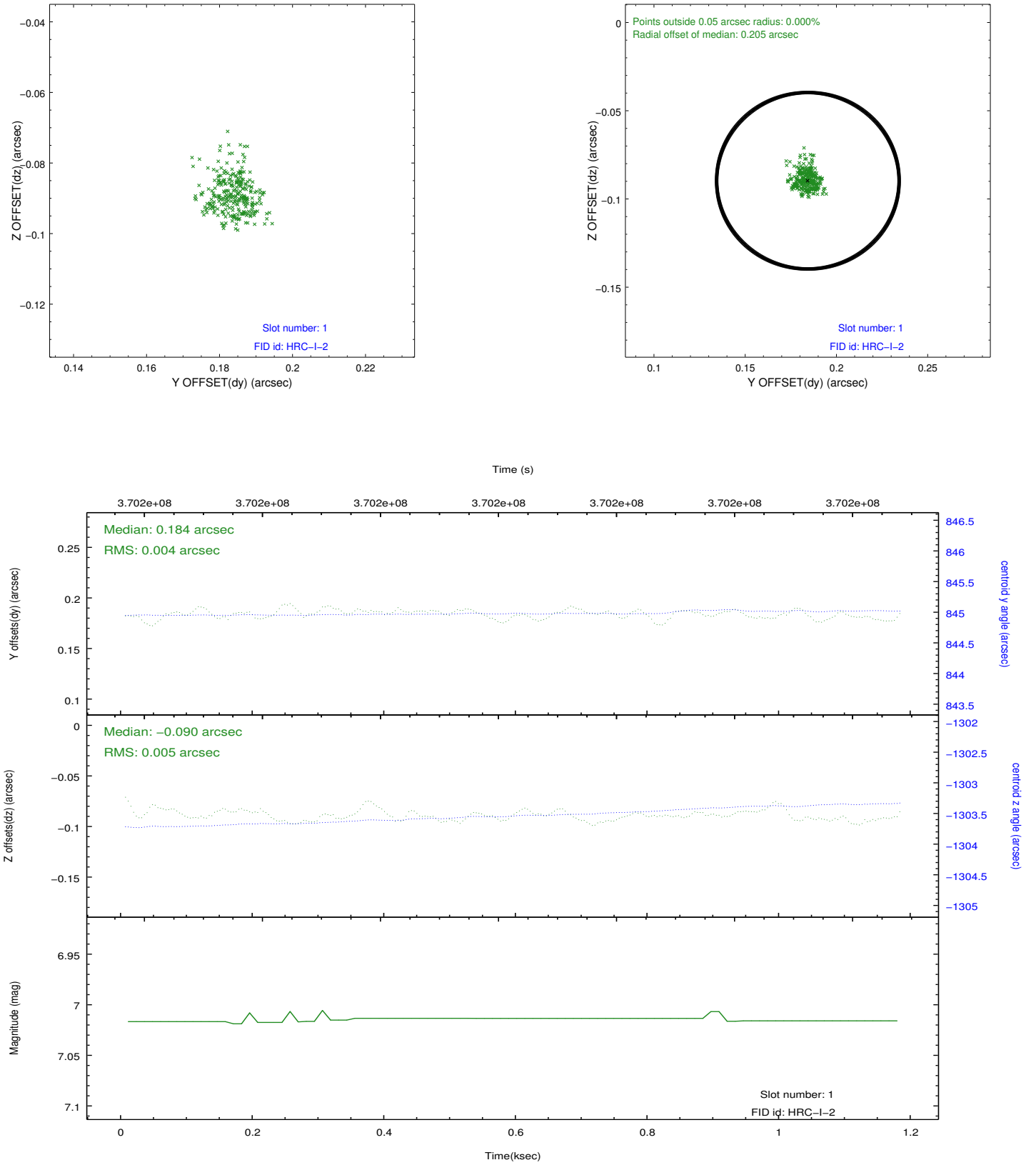


2.5 FID Slots

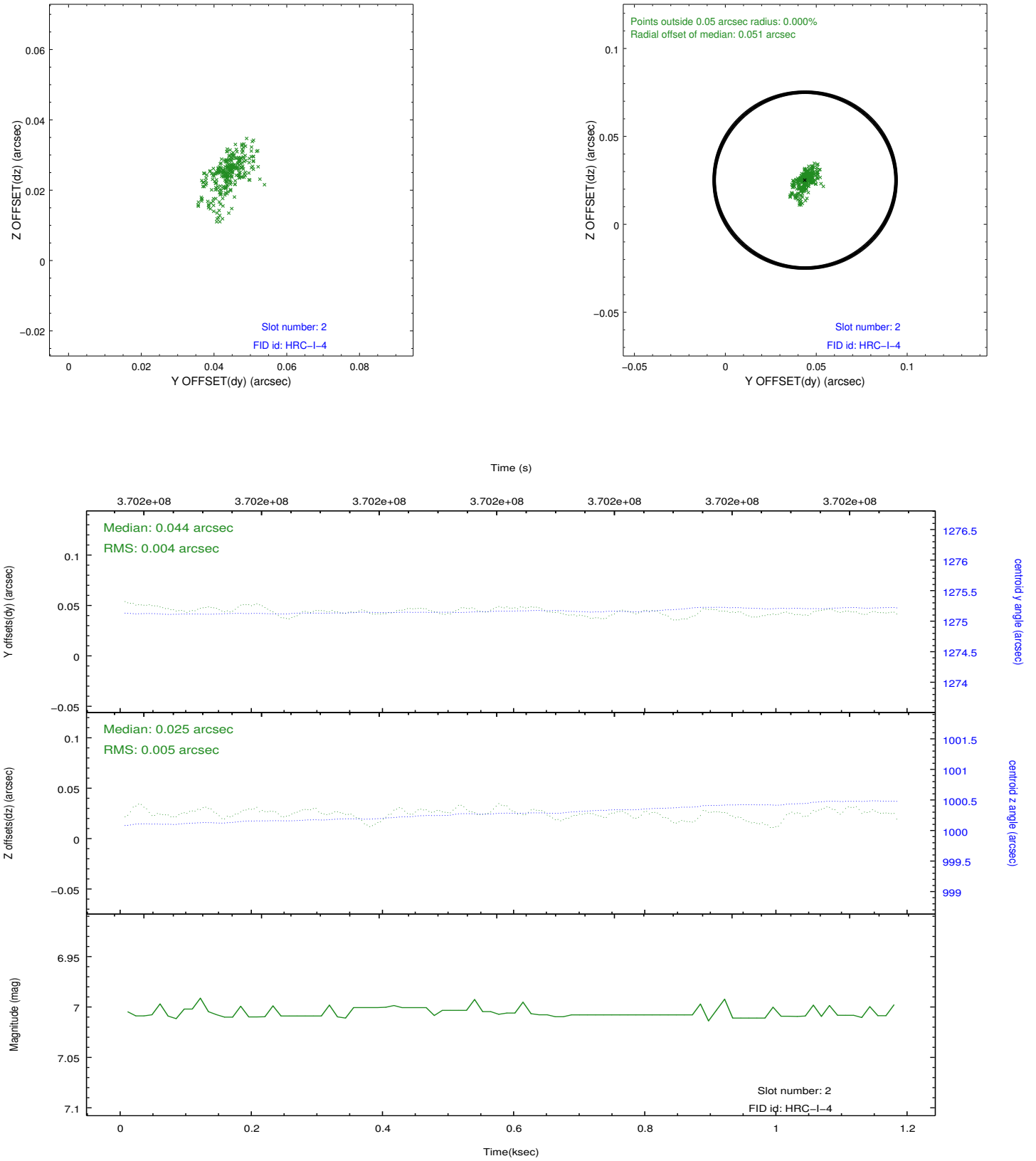
2.5.1 Slot 0



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)	2012.08.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.180031309247

A.2 Comments