

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11894 - L2 Version 2
Chandra X-Ray Center

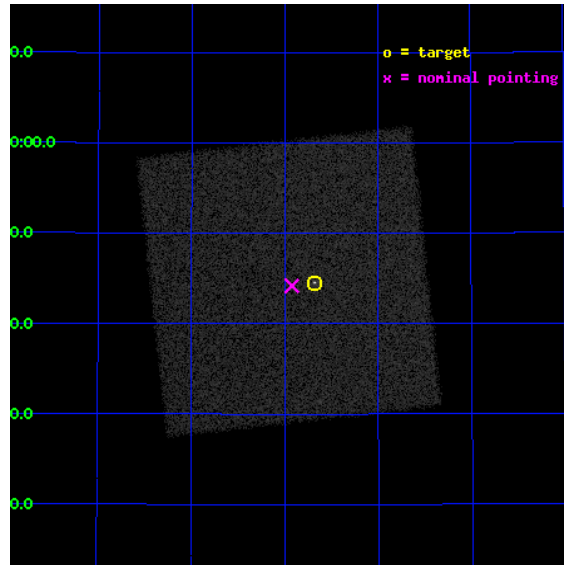
L2 Processing Date : Jul 3 2012

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1 Front

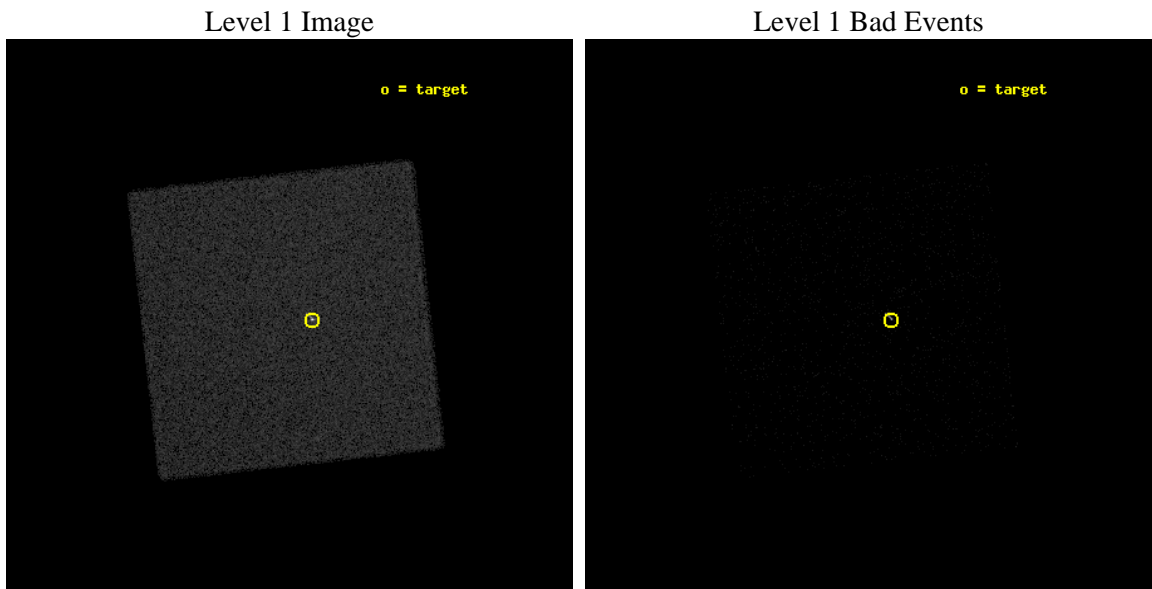
seq_num	290883	Sequence number
obs_id	11894	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.23069278087	Nominal RA [deg]
dec_nom	45.73680748865	Nominal Dec [deg]
roll_nom	218.63926470384	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1186.1813108921	[s]
livetime	1173.0501813194	Ontime multiplied by DTCOR
l2events	92874	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	1186.1813108921	[s]
caldbver	4.5.0	 	l1events	162855	Number of level 1 events
date	2012-07-03T23:47:28	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

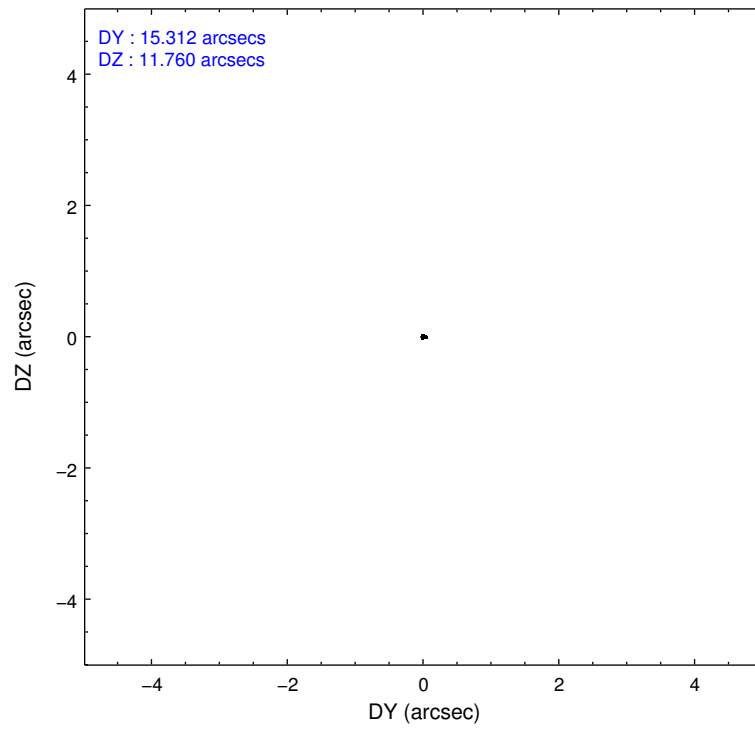
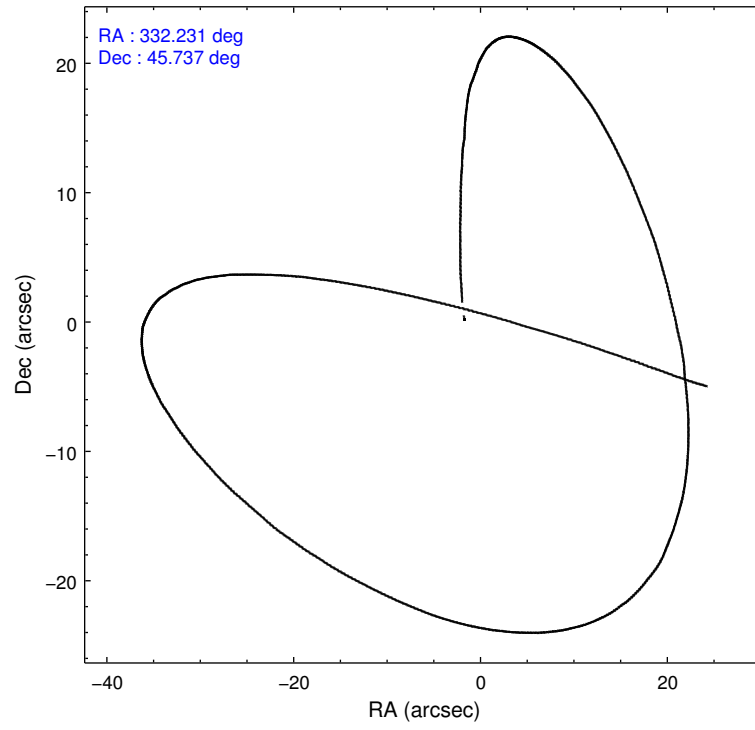
	segment 0
level 1 events	162855
rejected events	34267
rejected %	21%

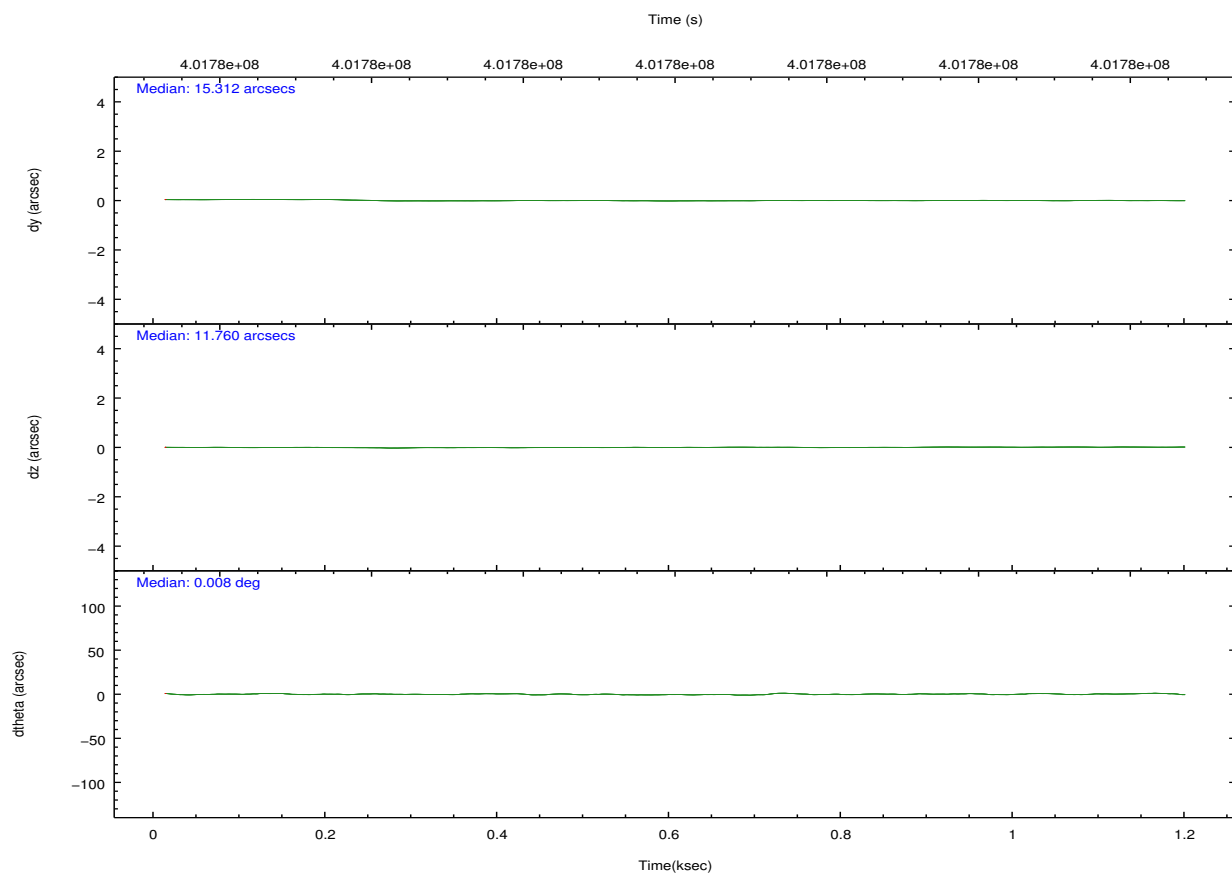
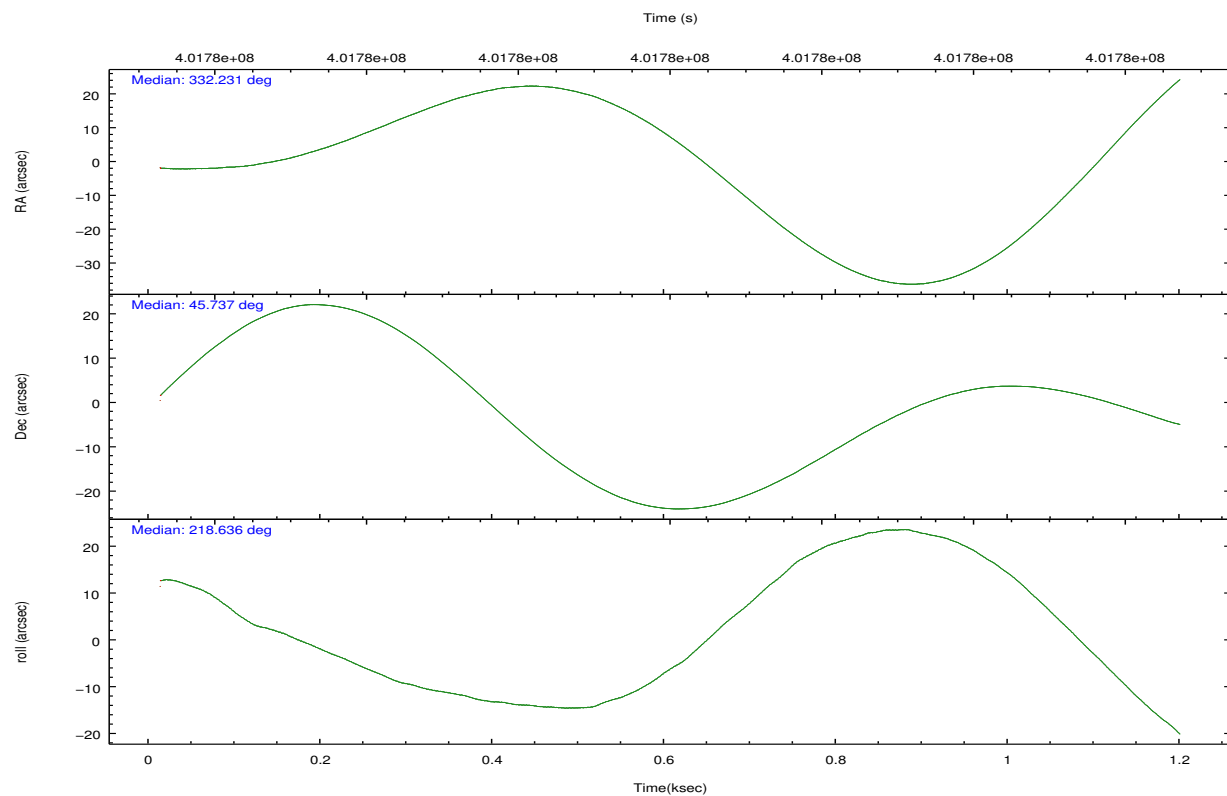
2.2 Compared Parameters

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	332.244721	332.2306927808742
[deg] Pointing Dec	45.761495	45.73680748864975
[deg] Pointing Roll	218.724600	218.639264703842
[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)	401777993.184000	401777617.21239
Observation start date	2010-09-25T04:58:47	2010-09-25T04:53:37
[s] Observation end time (MET)	401778993.184000	401779127.03747
Observation end date	2010-09-25T05:15:27	2010-09-25T05:18:47

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

2.3 Aspect



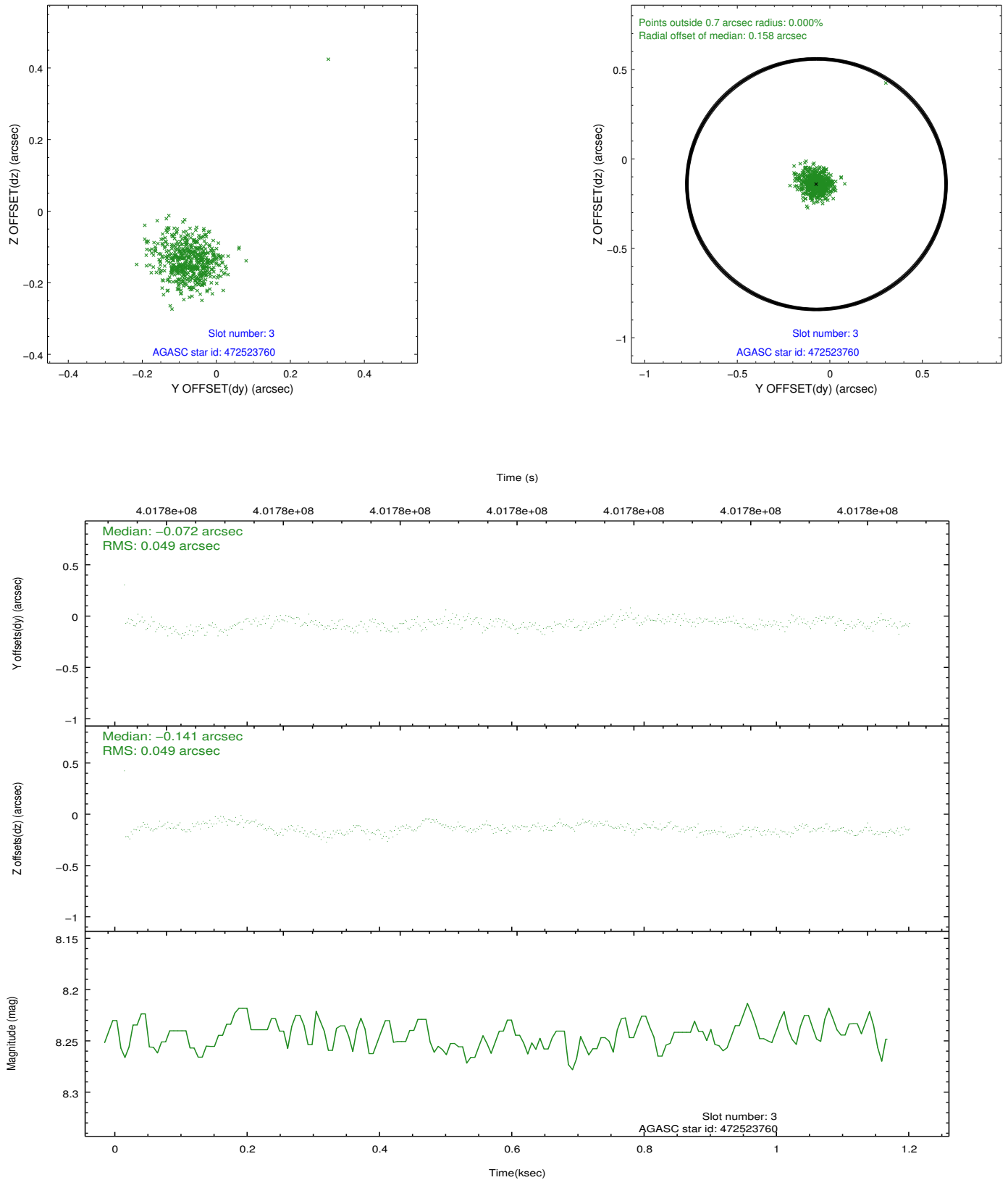


Slot Statistics

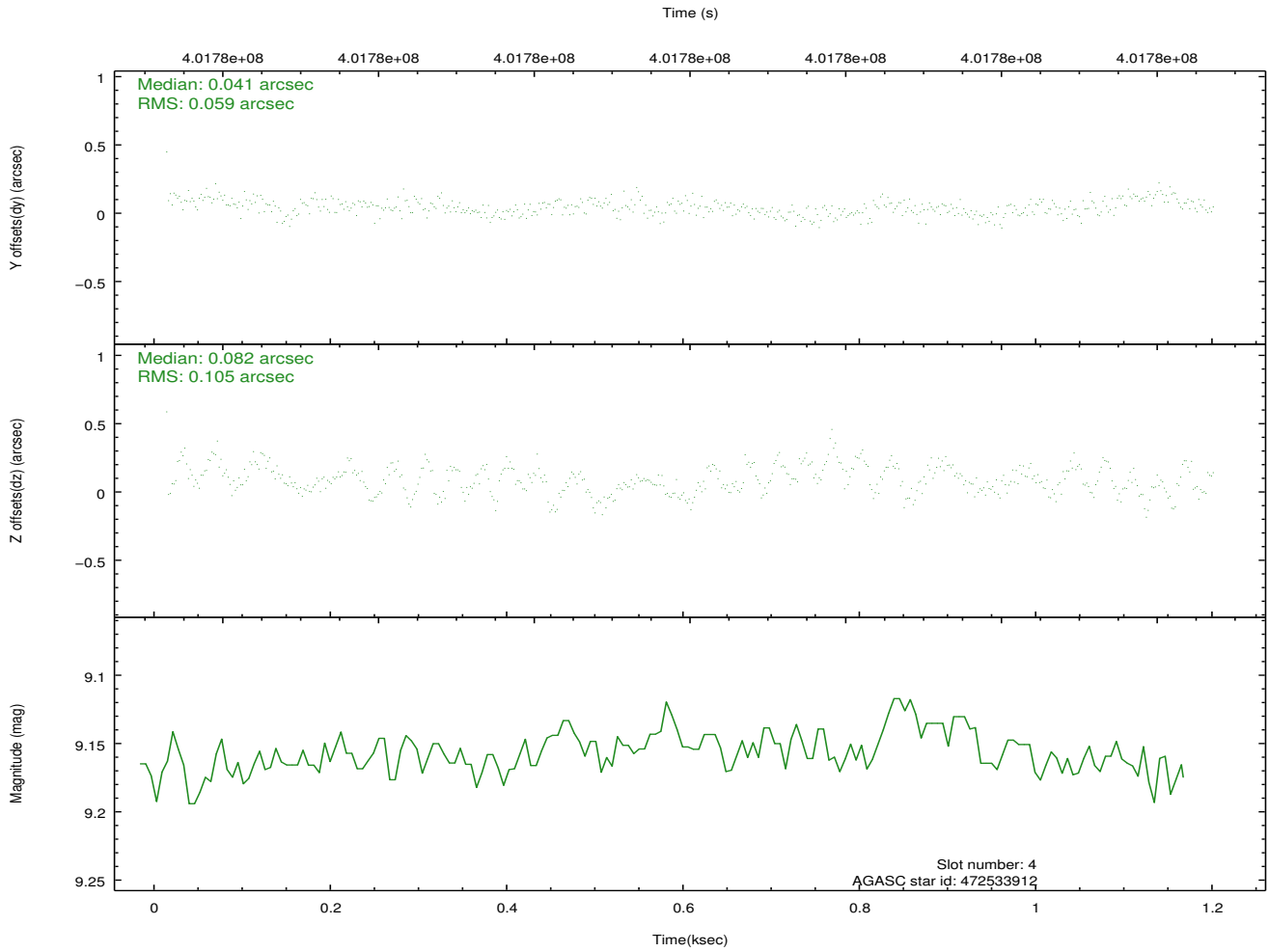
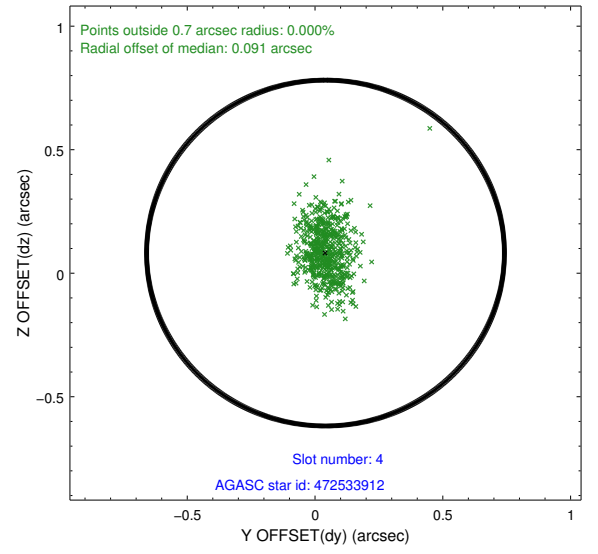
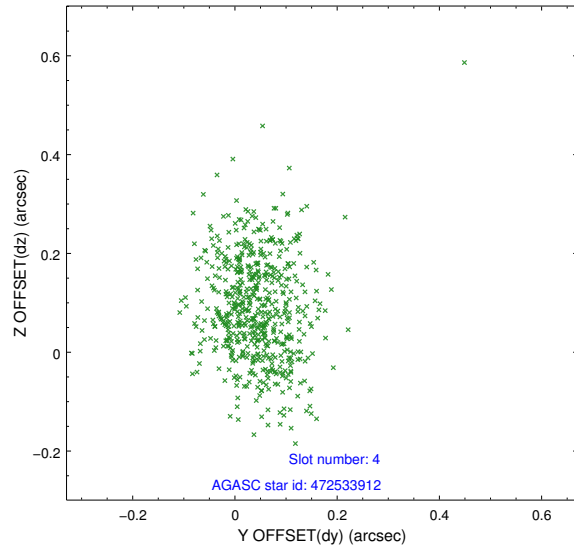
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	290	0.115	-0.096	0.006	0.010	0.000000	0.000000	841.62	-1301.41
1	FID	HRC-I-3	7.05	290	-0.114	0.053	0.006	0.010	0.000000	0.000000	-1196.83	1000.38
2	FID	HRC-I-4	6.97	290	0.117	-0.044	0.006	0.010	0.000000	0.000000	1267.65	1005.83
3	GUIDE	472523760	8.24	580	-0.072	-0.141	0.068	0.109	331.645363	45.403260	1986.23	57.72
4	GUIDE	472533912	9.16	580	0.041	0.082	0.123	0.209	331.791136	46.368695	-485.80	-2408.81
5	GUIDE	472655152	9.43	580	0.045	-0.183	0.126	0.211	332.504239	45.862991	-736.56	120.65
6	GUIDE	472665256	9.02	579	0.088	0.131	0.085	0.136	332.808125	46.195041	-2074.95	-339.22
7	GUIDE	472654568	9.42	576	-0.084	0.098	0.119	0.188	332.194449	45.063576	1668.83	1883.52

2.4 Star Slots

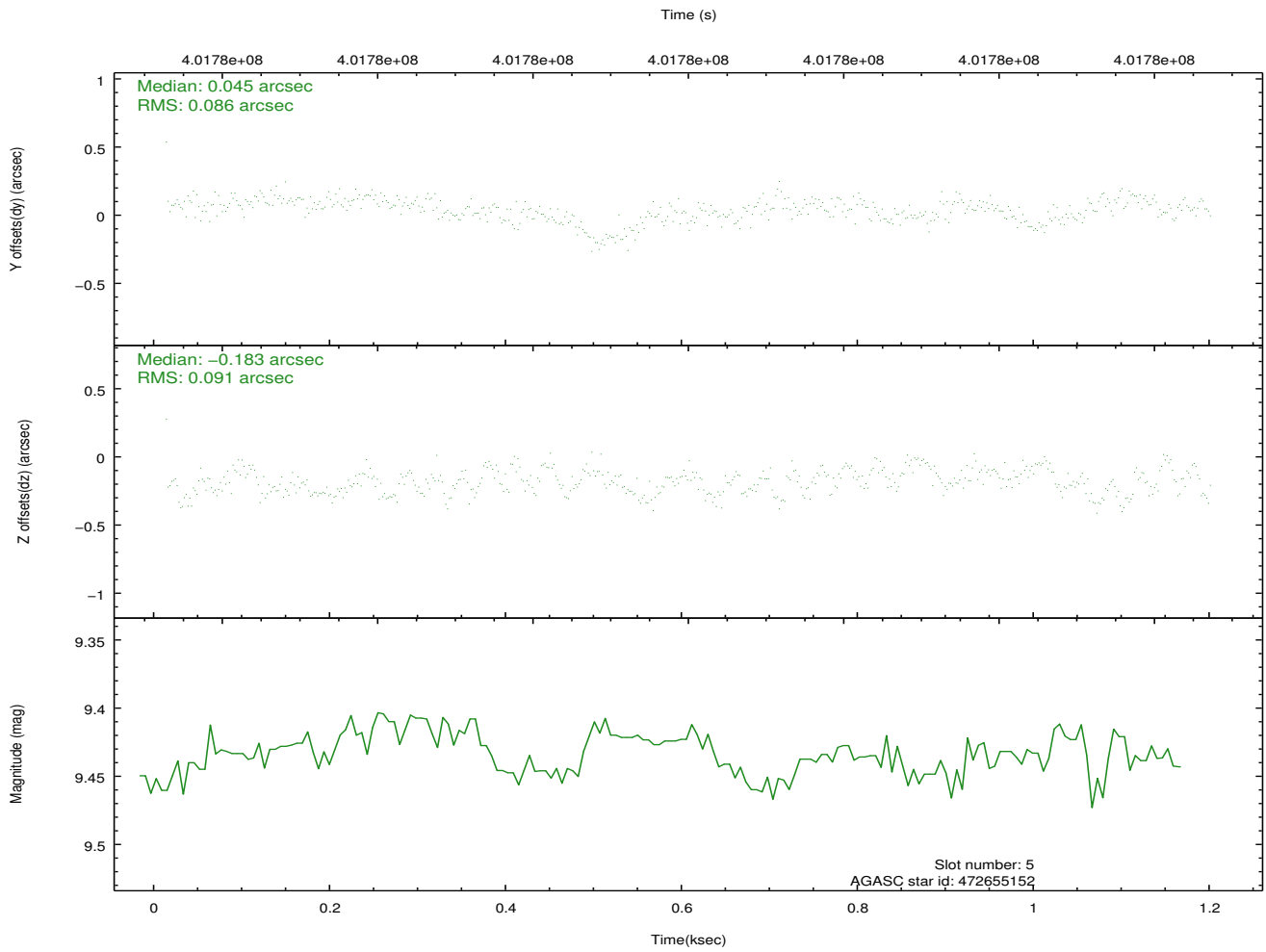
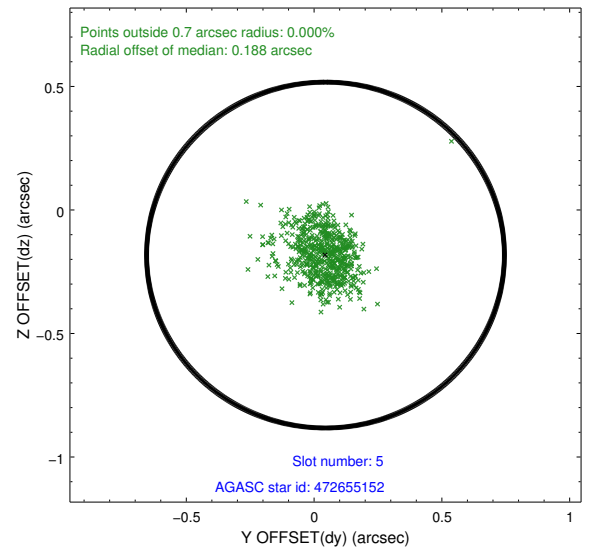
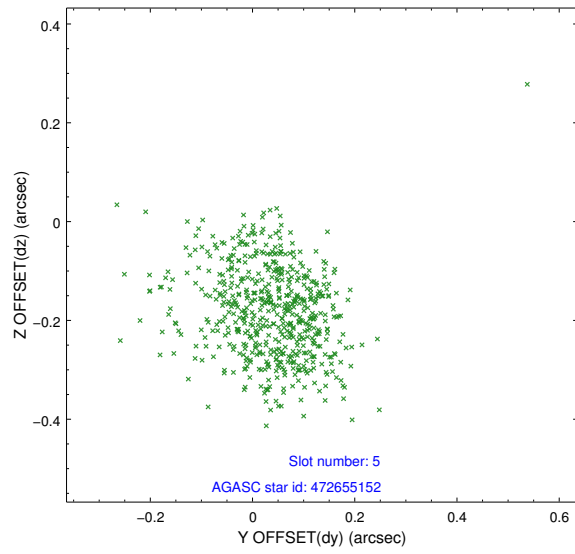
2.4.1 Slot 3



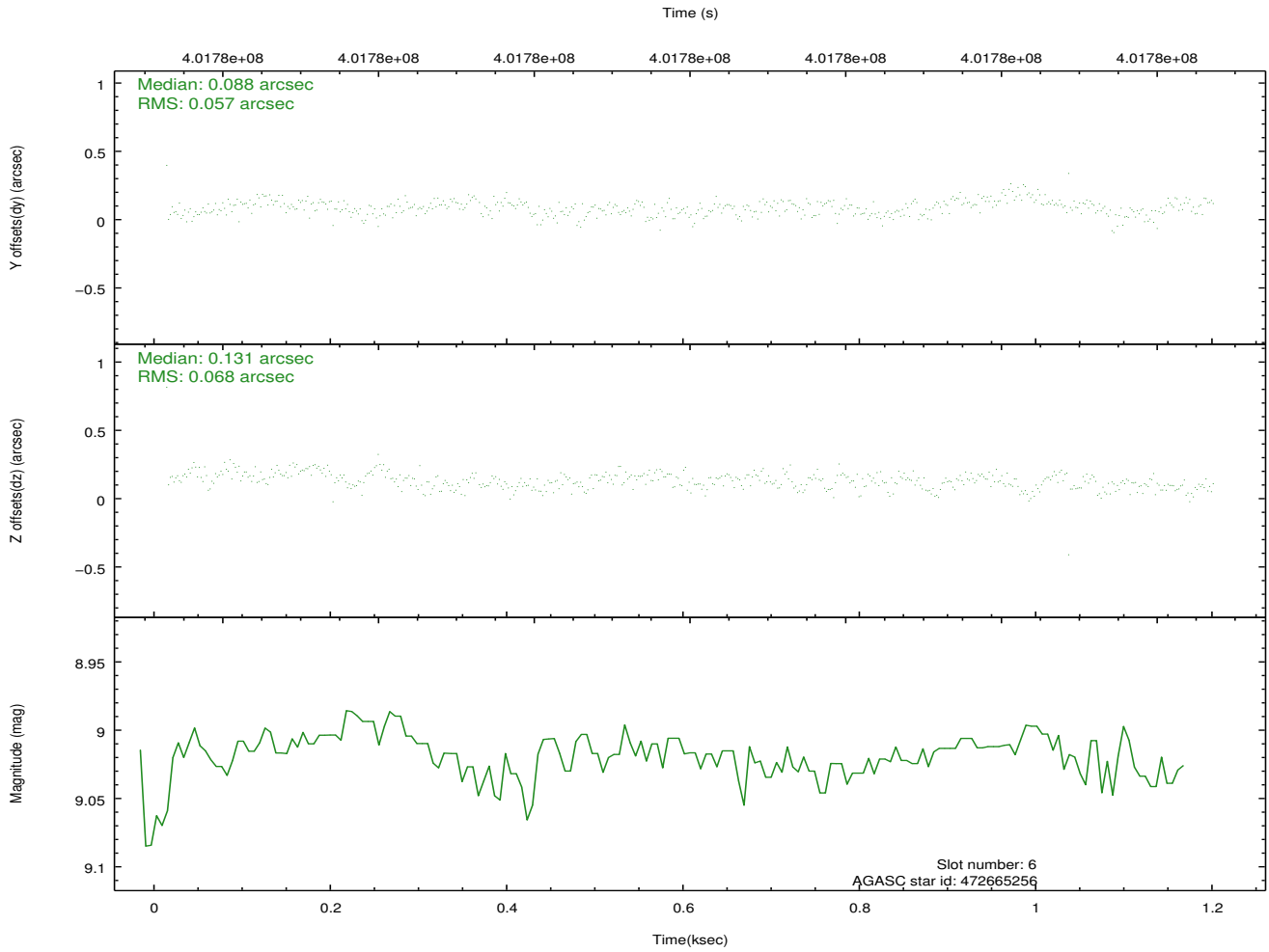
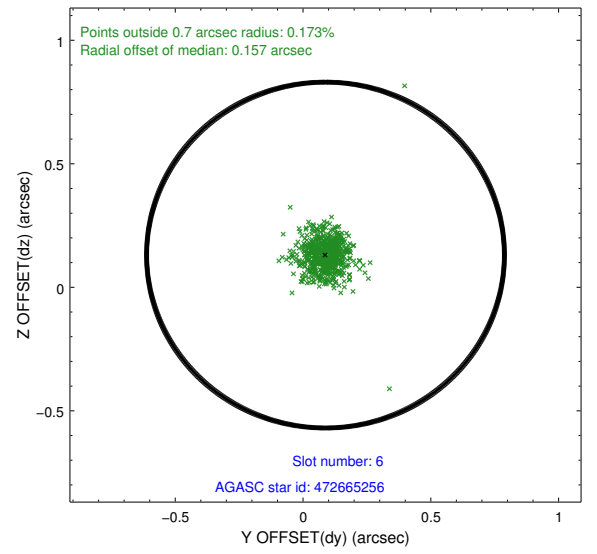
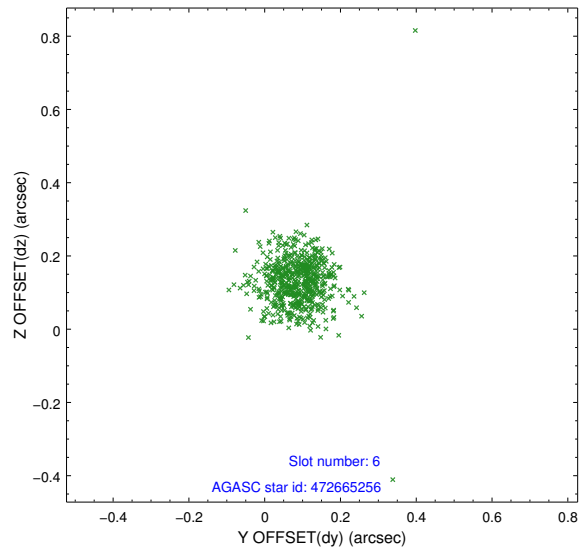
2.4.2 Slot 4



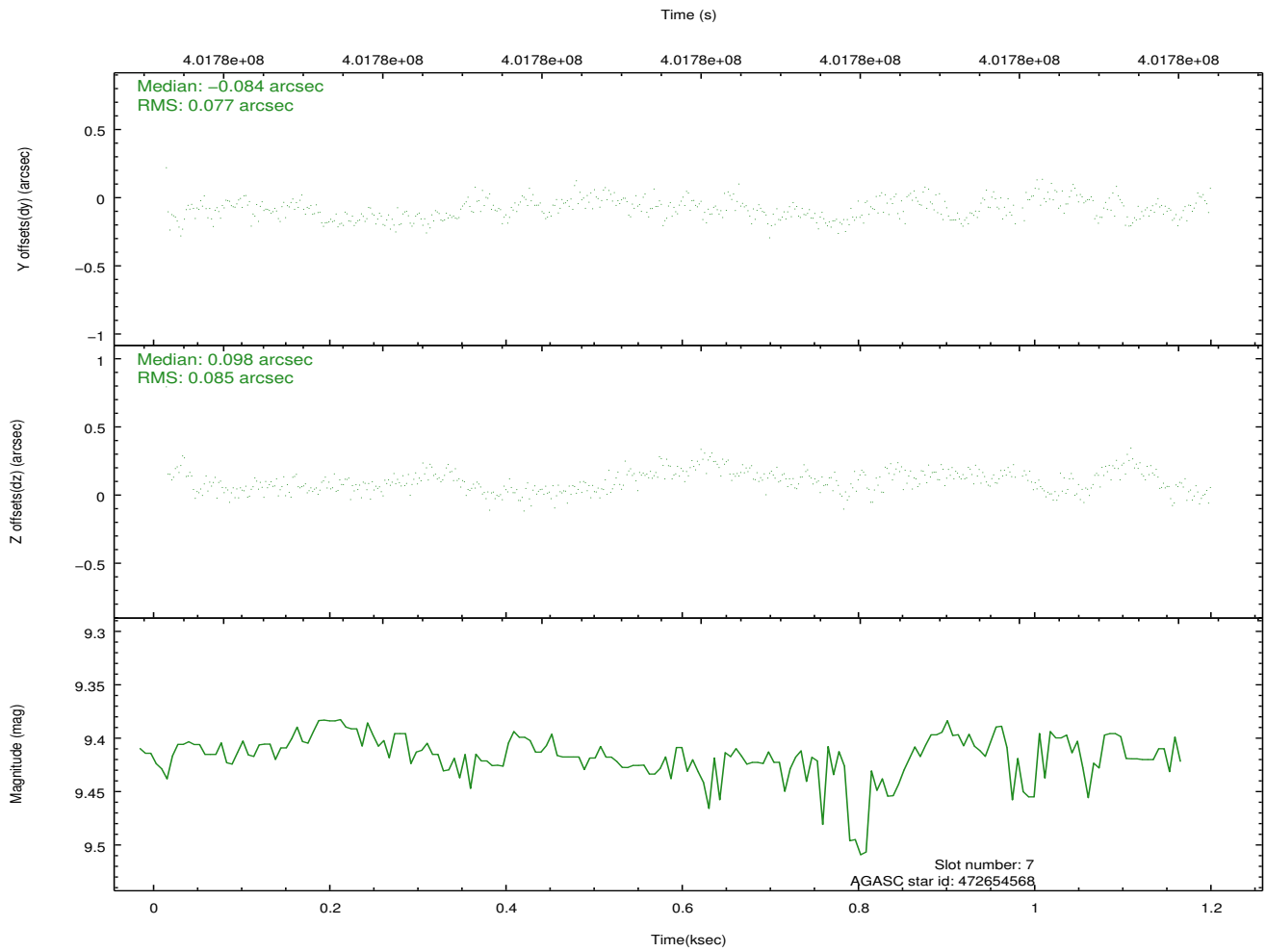
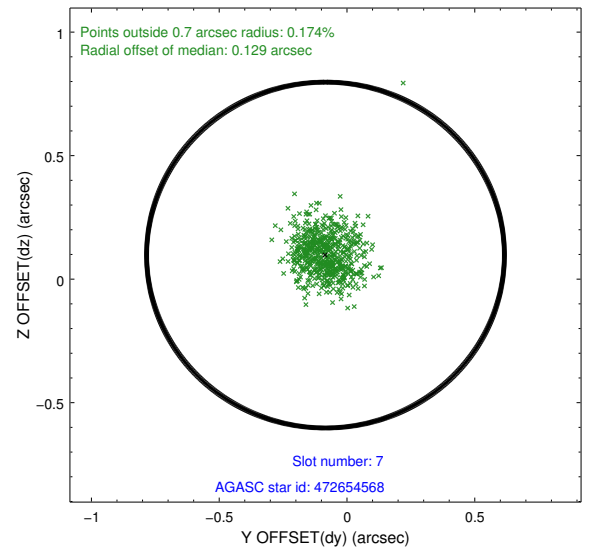
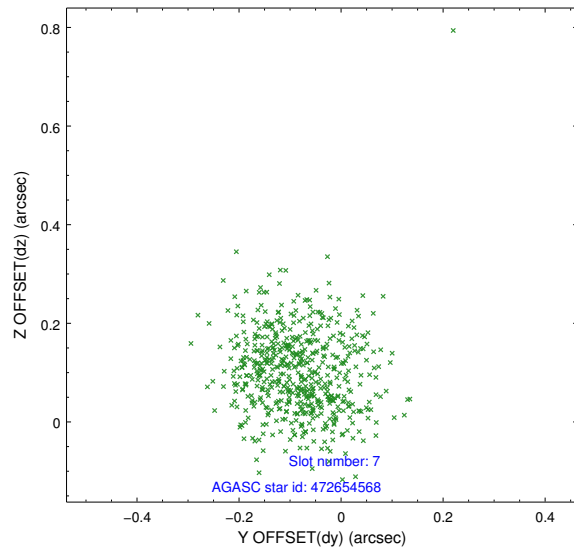
2.4.3 Slot 5



2.4.4 Slot 6

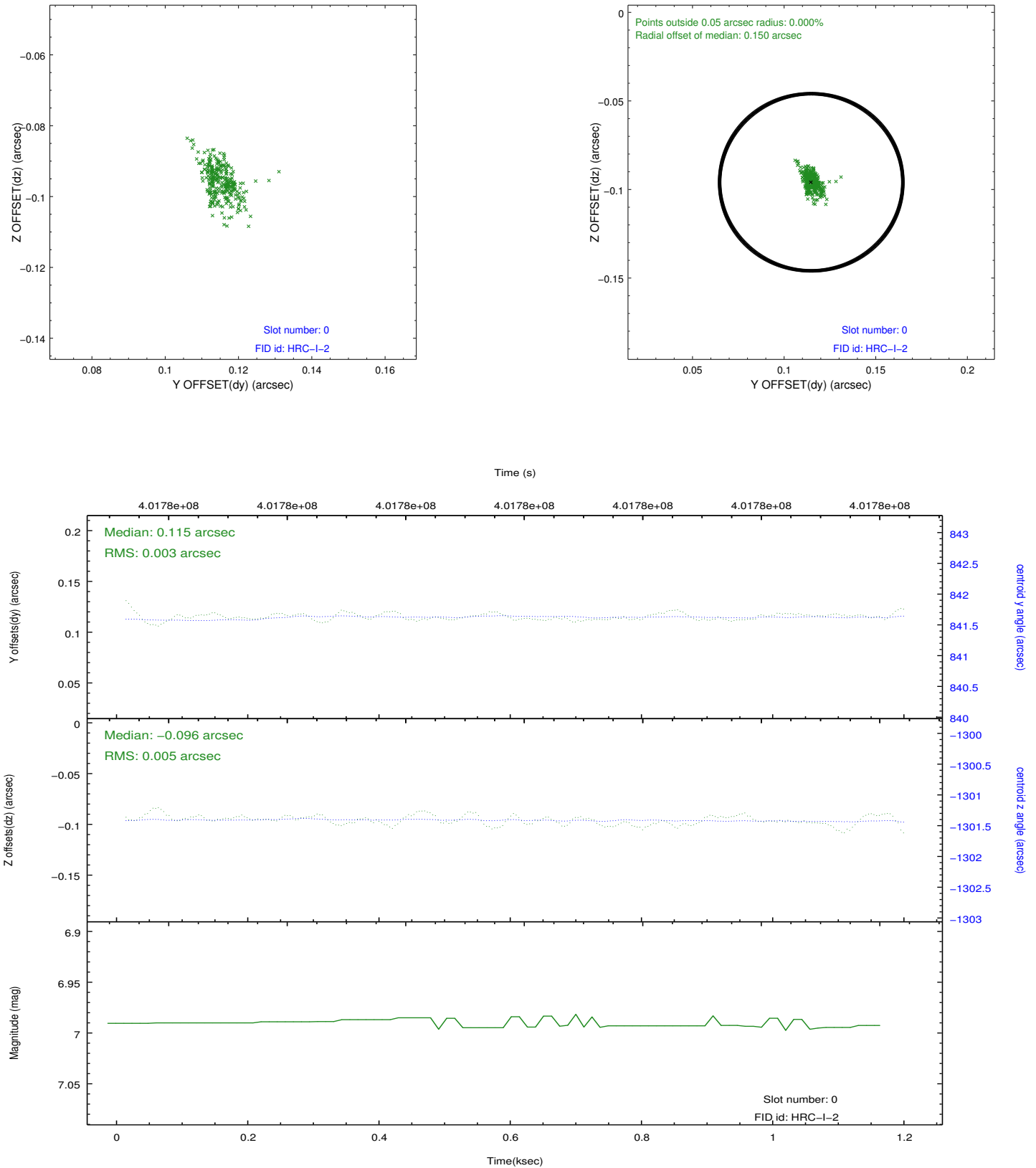


2.4.5 Slot 7

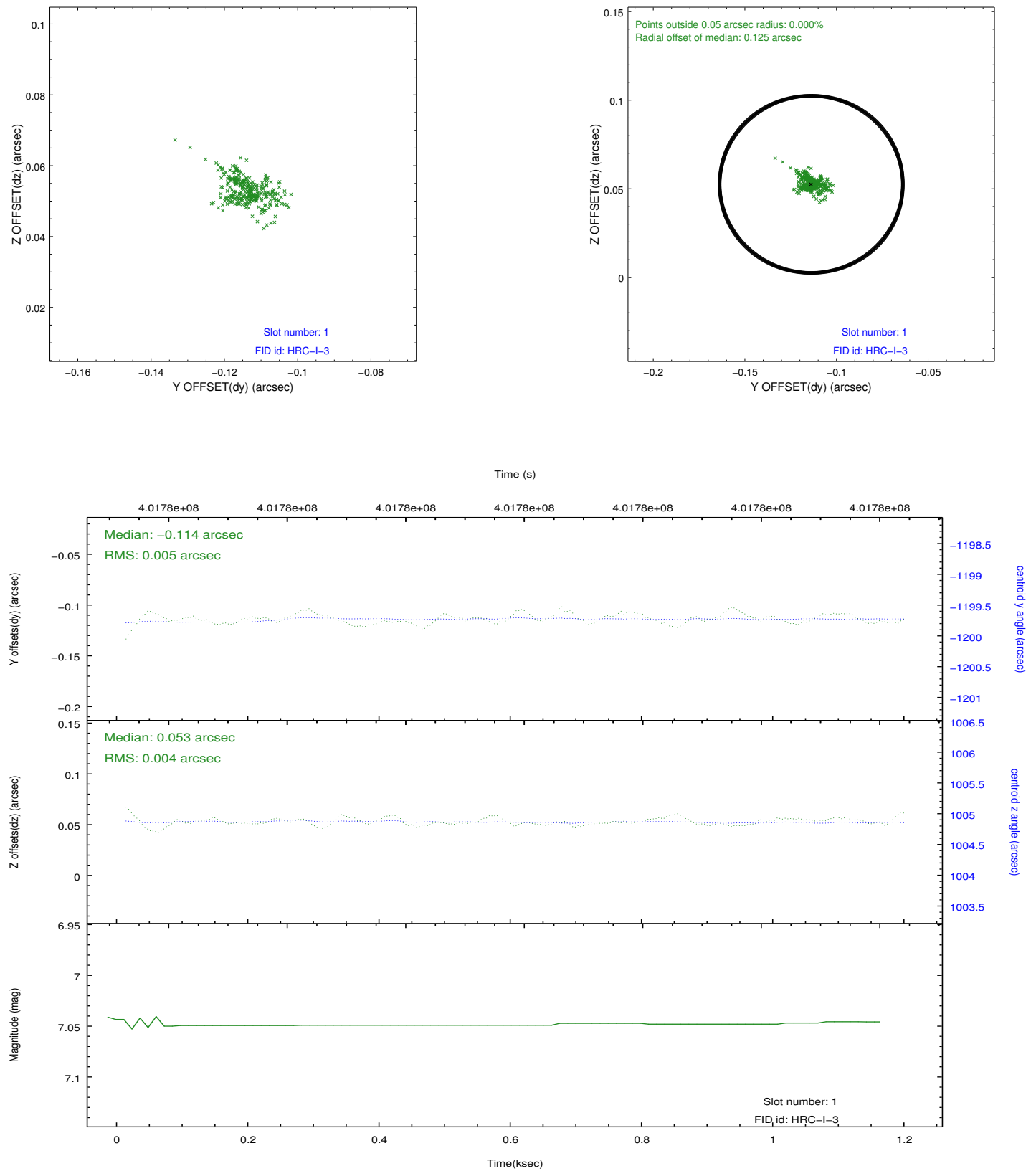


2.5 FID Slots

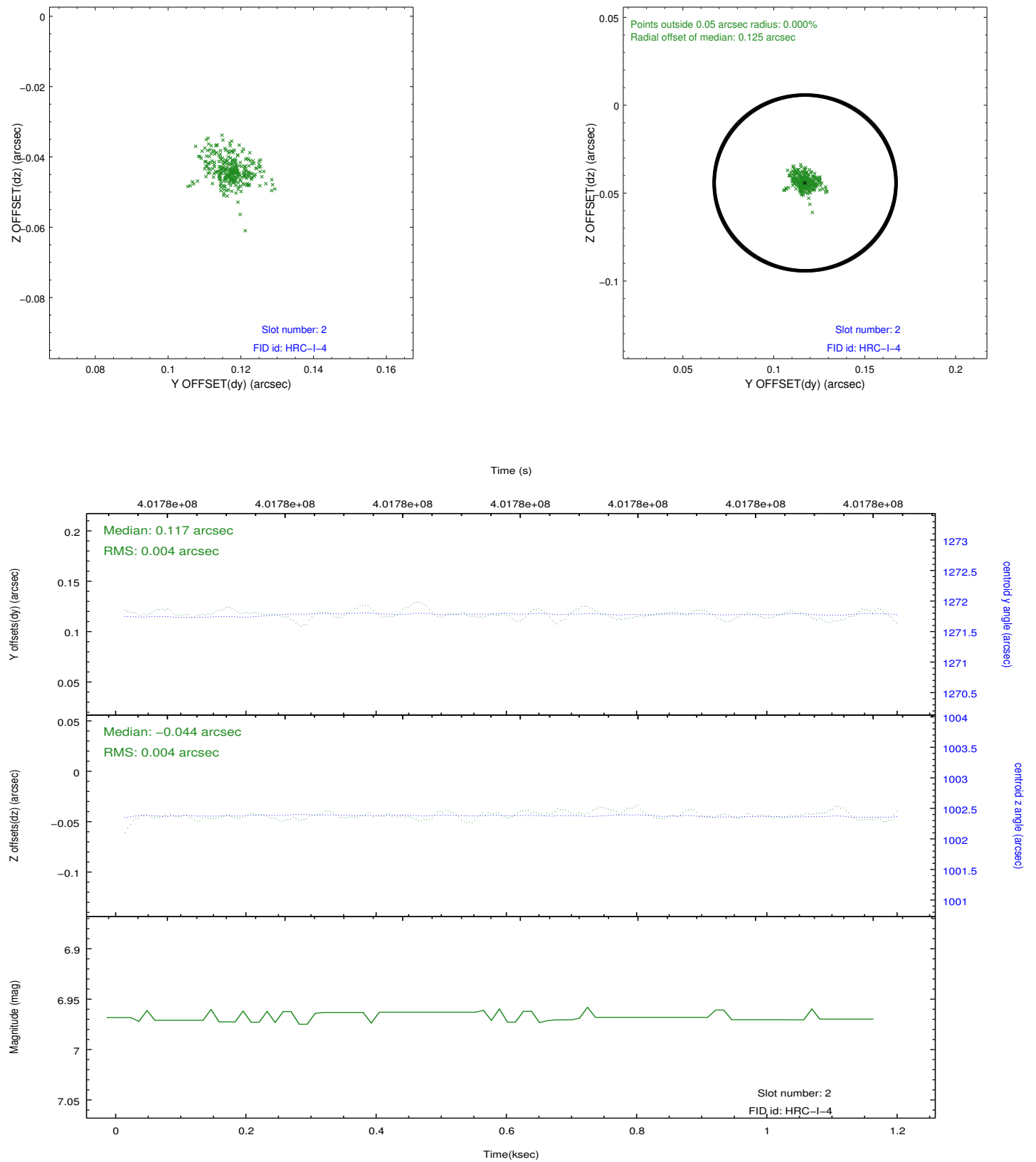
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813108921

A.2 Comments