

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8331 - L2 Version 3
Chandra X-Ray Center

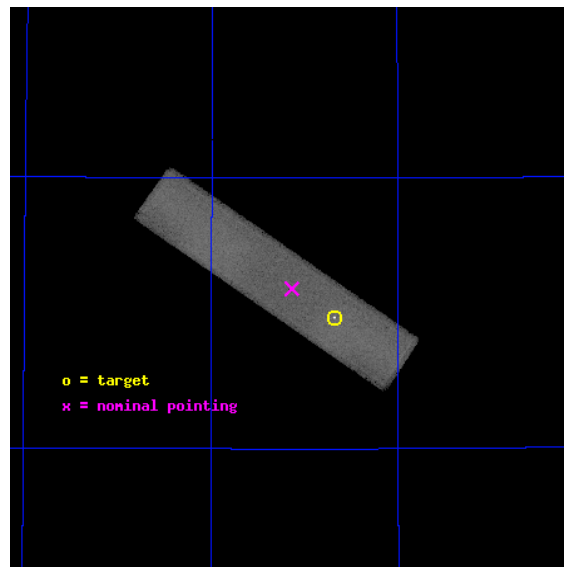
L2 Processing Date : Aug 12 2012

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1 Front

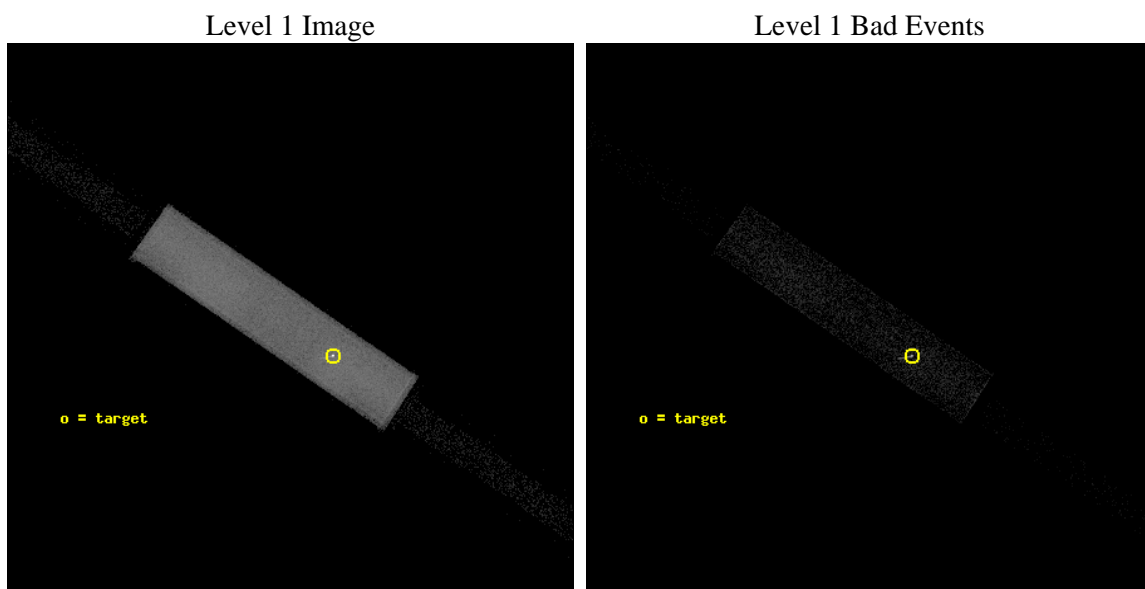
seq_num	290710	Sequence number
obs_id	8331	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.28391550548	Nominal RA [deg]
dec_nom	45.795395037641	Nominal Dec [deg]
roll_nom	214.2970914798	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.1250555515	[s]
livetime	1120.221072931	Ontime multiplied by DTCOR
l2events	158034	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	1153.1250555515	[s]
caldbver	4.5.1.1	 	l1events	228504	Number of level 1 events
date	2012-08-12T03:26:11	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

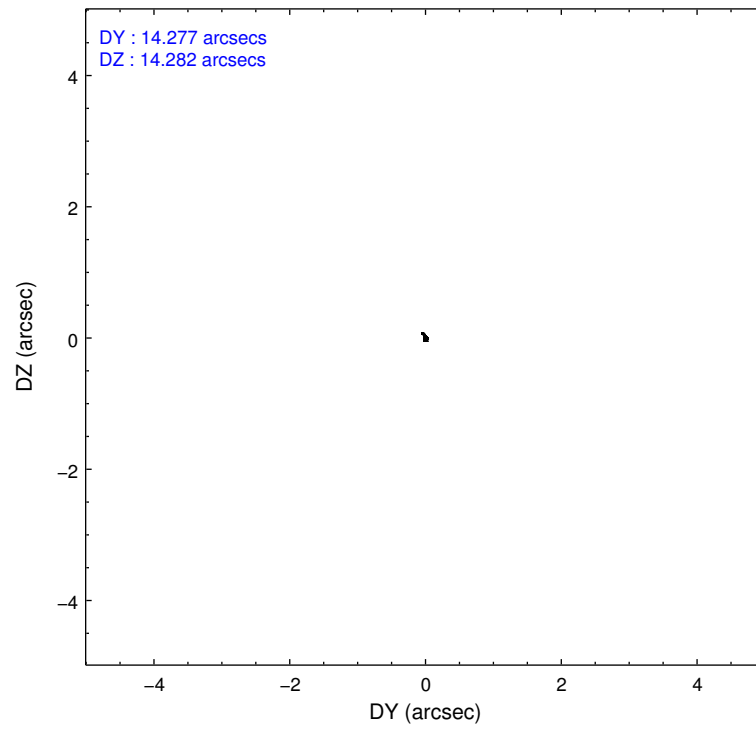
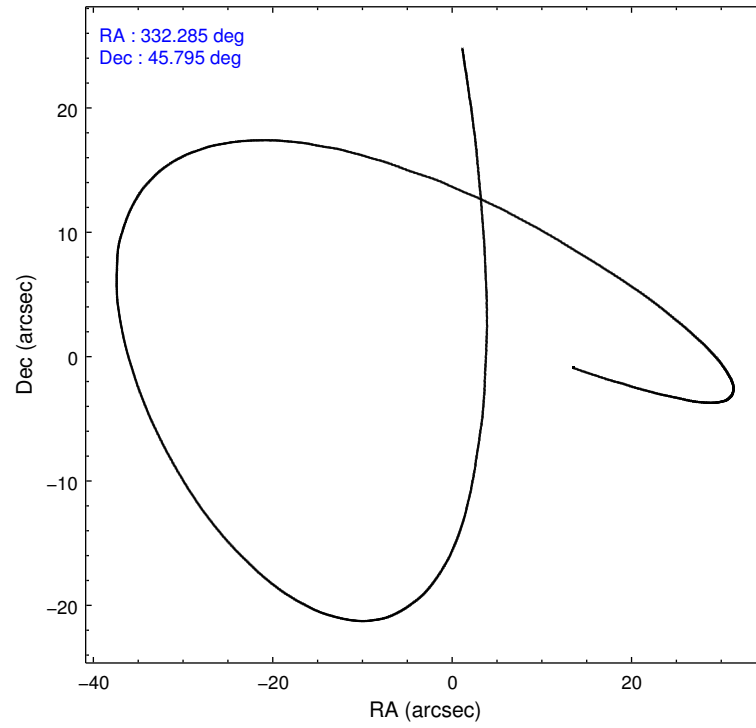
	segment 1	segment 2	segment 3
level 1 events	1758	225081	1665
rejected events	1758	52359	1665
rejected %	100%	23%	100%

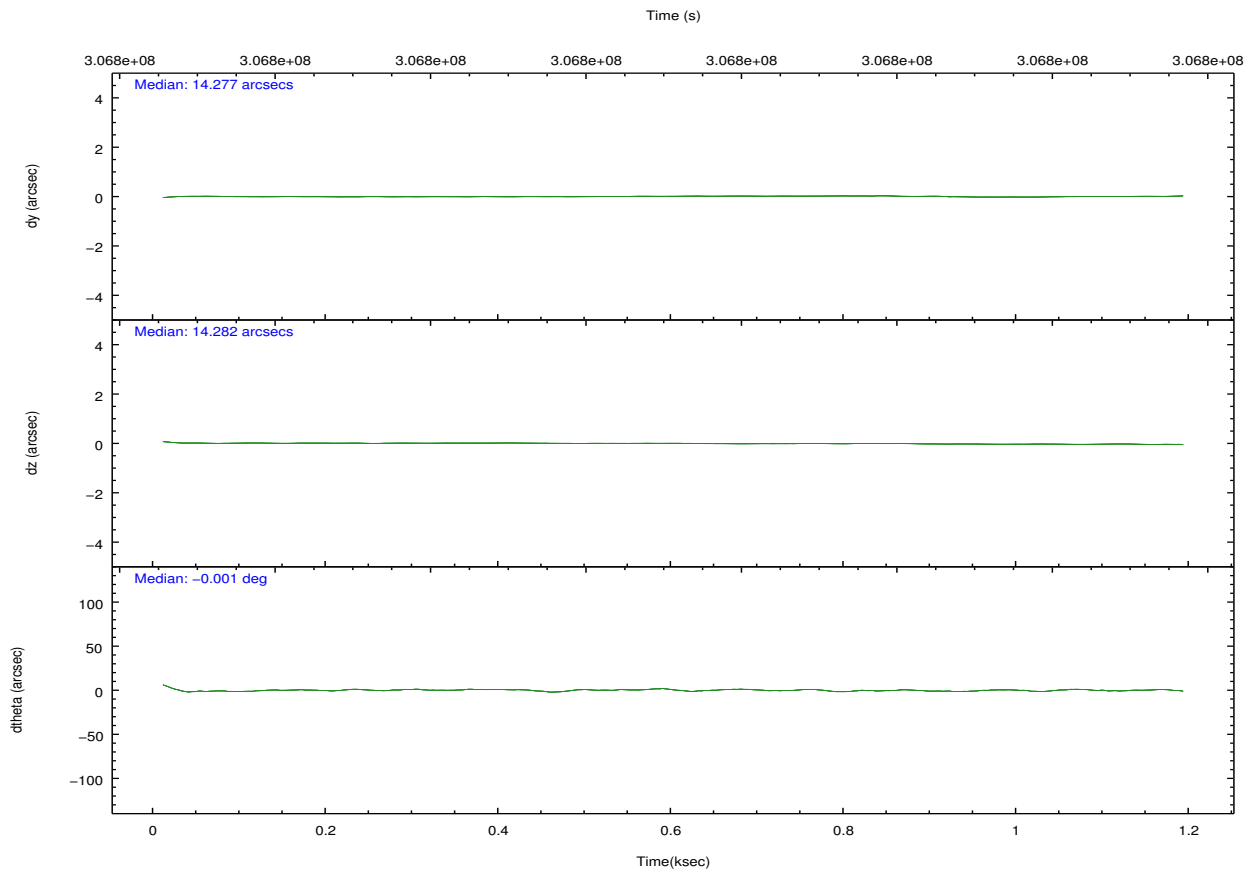
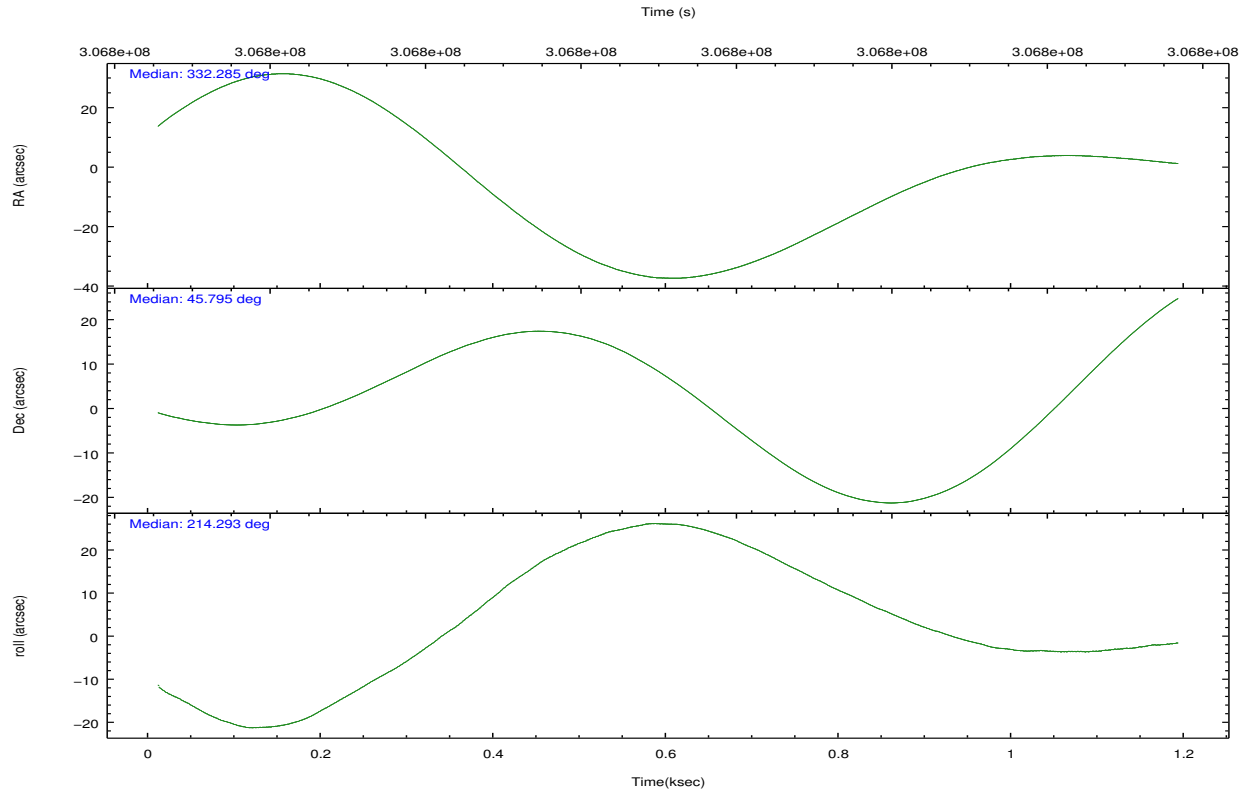
2.2 Compared Parameters

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	332.298766	332.2839155054788
[deg] Pointing Dec	45.822446	45.7953950376409
[deg] Pointing Roll	214.219128	214.2970914797966
[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)	306801313.184000	306800937.95633
Observation start date	2007-09-21T22:34:08	2007-09-21T22:28:57
[s] Observation end time (MET)	306802313.184000	306802447.7814
Observation end date	2007-09-21T22:50:48	2007-09-21T22:54:07

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

2.3 Aspect



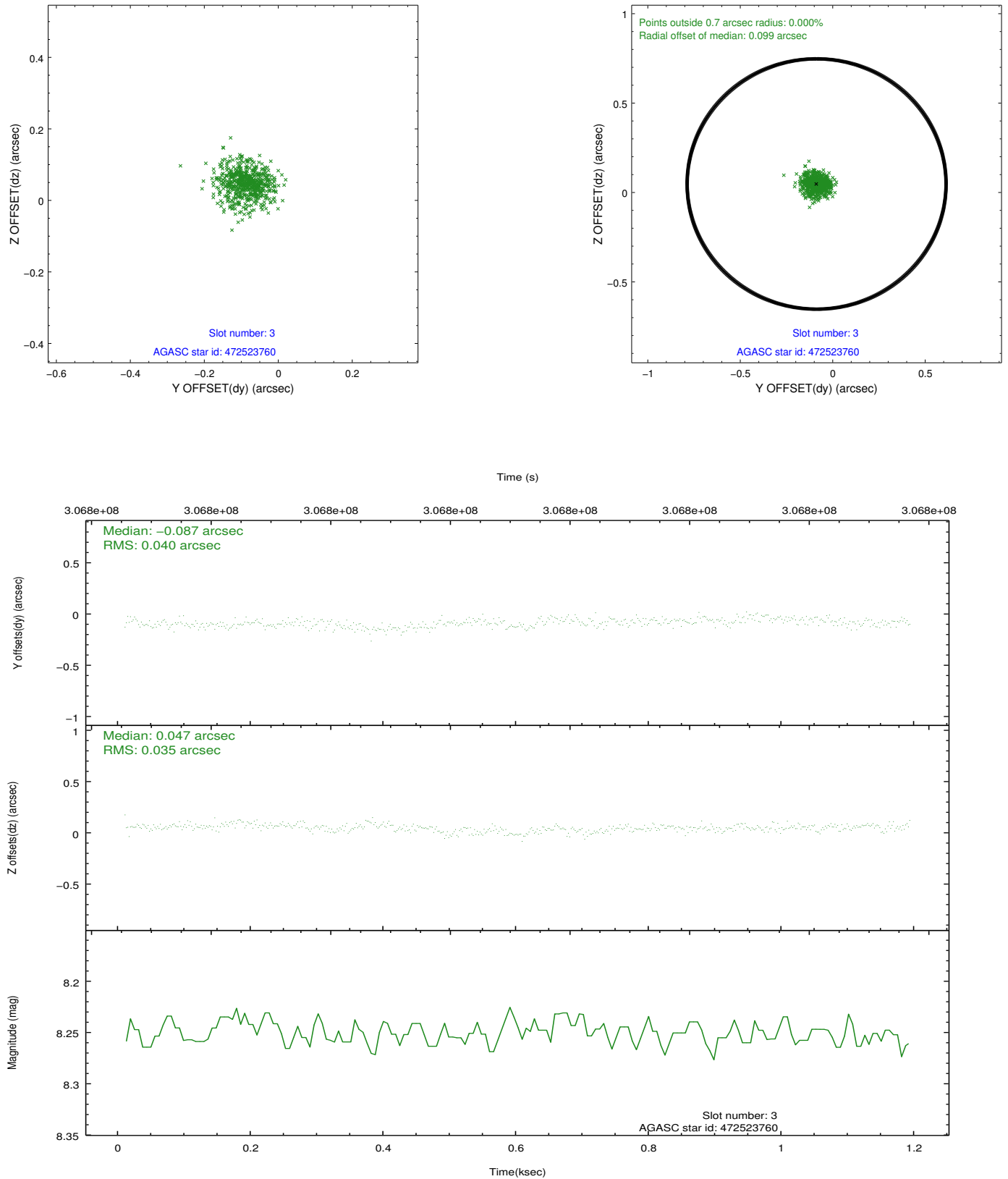


Slot Statistics

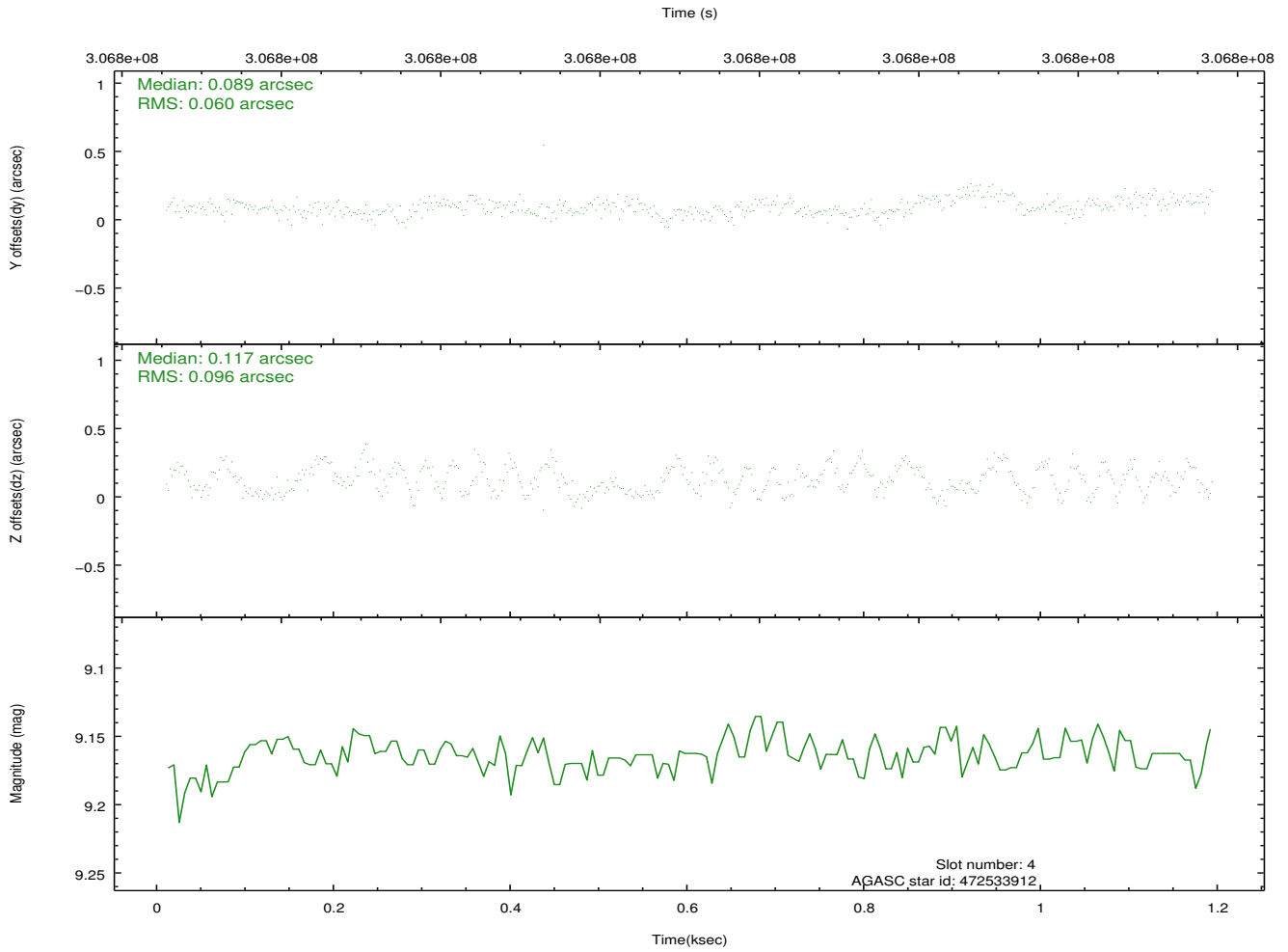
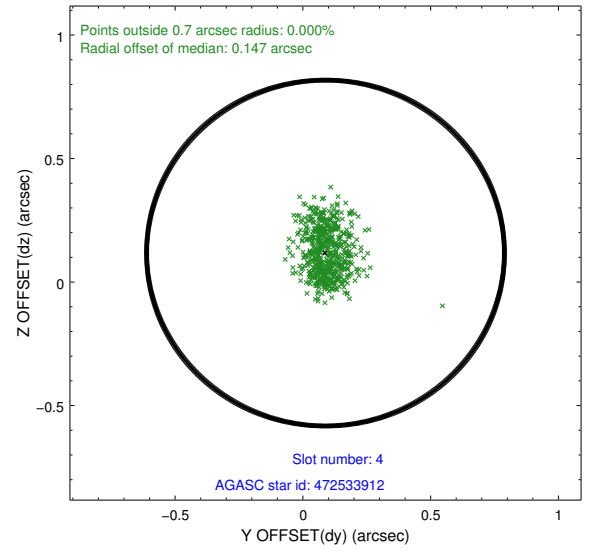
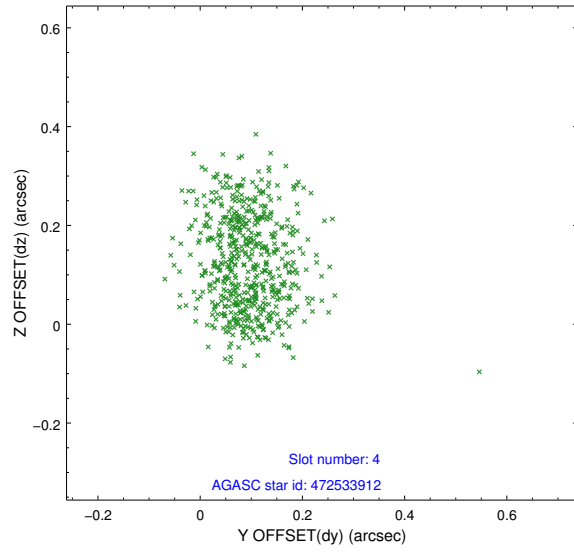
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.05	289	0.161	-0.145	0.009	0.017	0.000000	0.000000	1231.06	-455.78
1	FID	HRC-S-3	7.06	289	0.076	-0.087	0.005	0.012	0.000000	0.000000	-1167.10	564.97
2	FID	HRC-S-4	7.03	289	0.167	-0.064	0.010	0.024	0.000000	0.000000	1225.65	570.97
3	GUIDE	472523760	8.25	578	-0.087	0.047	0.057	0.091	331.645363	45.403260	2212.01	310.59
4	GUIDE	472533912	9.16	578	0.089	0.117	0.120	0.187	331.791136	46.368695	-59.84	-2340.99
5	GUIDE	472655152	9.42	575	0.064	-0.056	0.116	0.182	332.504239	45.862991	-506.94	161.22
6	GUIDE	472665256	9.01	576	0.051	0.156	0.092	0.151	332.808125	46.195041	-1805.39	-401.44
7	GUIDE	472651904	6.57	577	-0.124	-0.251	0.075	0.121	332.170077	45.742257	427.91	52.07

2.4 Star Slots

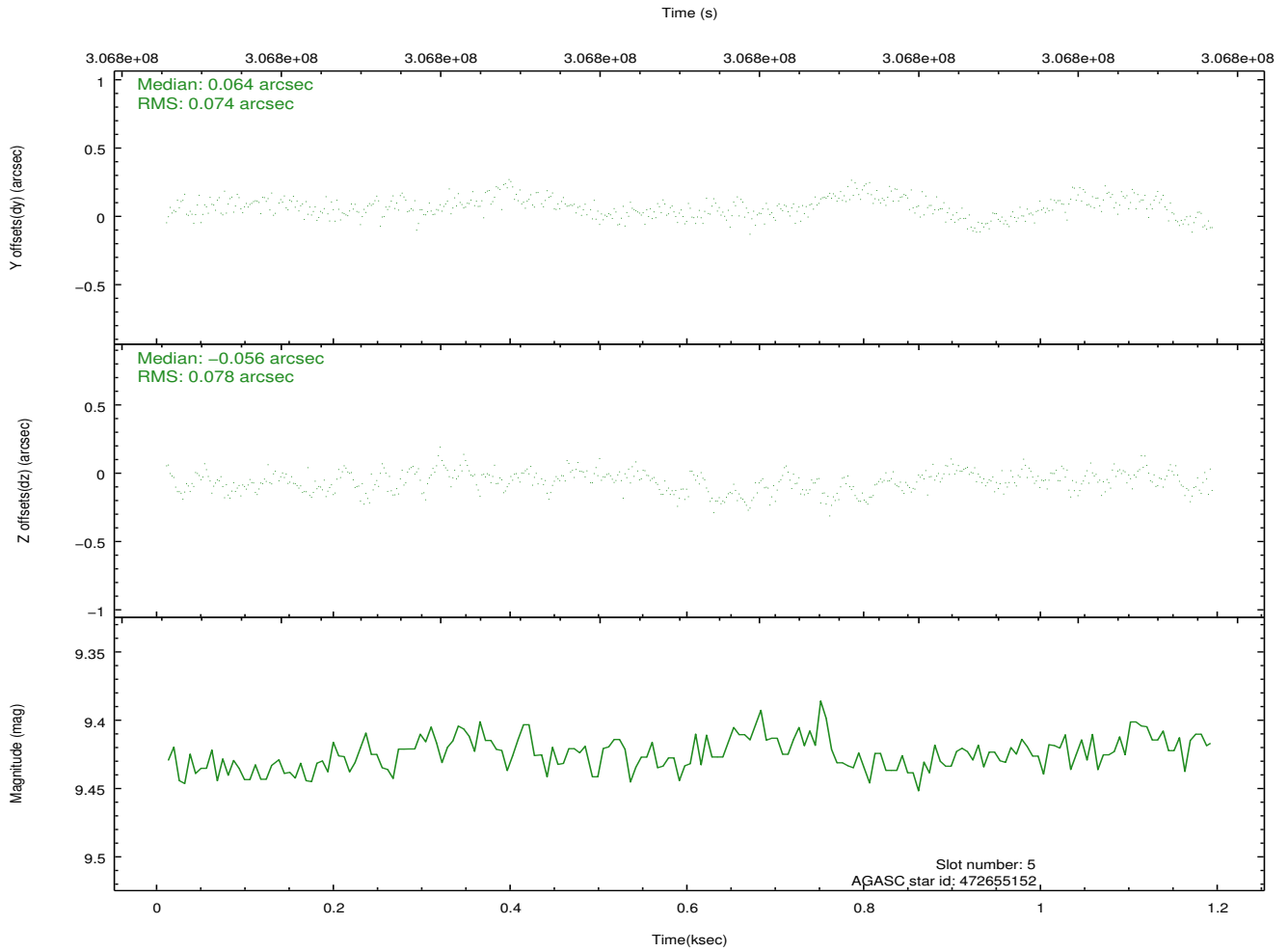
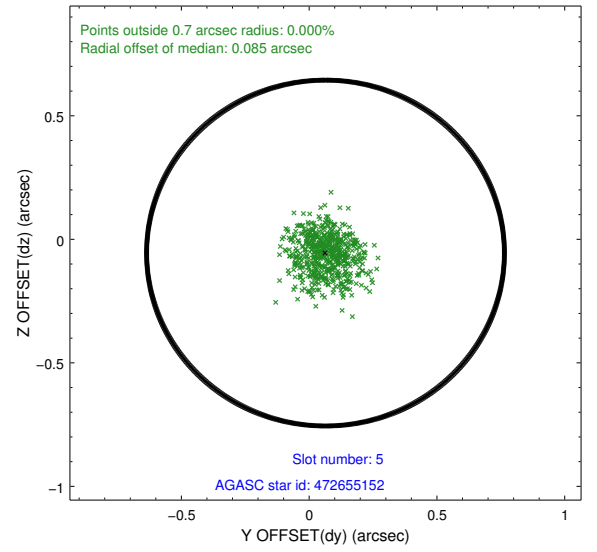
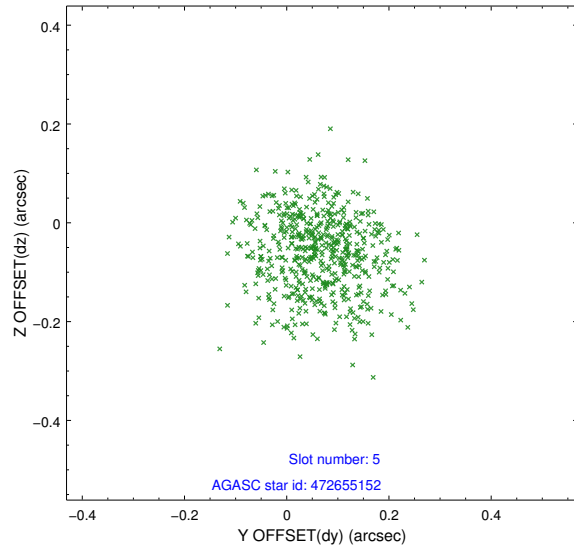
2.4.1 Slot 3



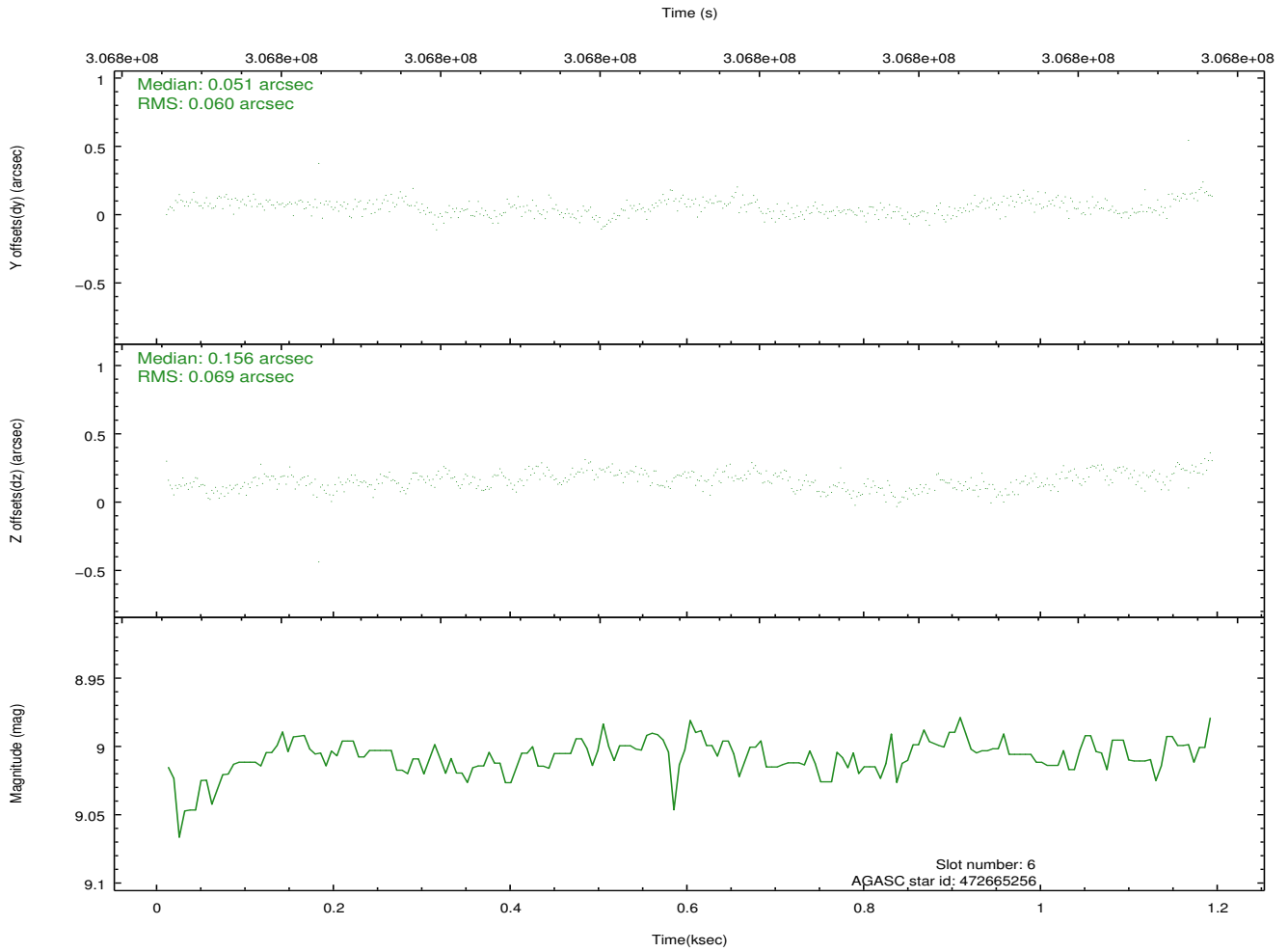
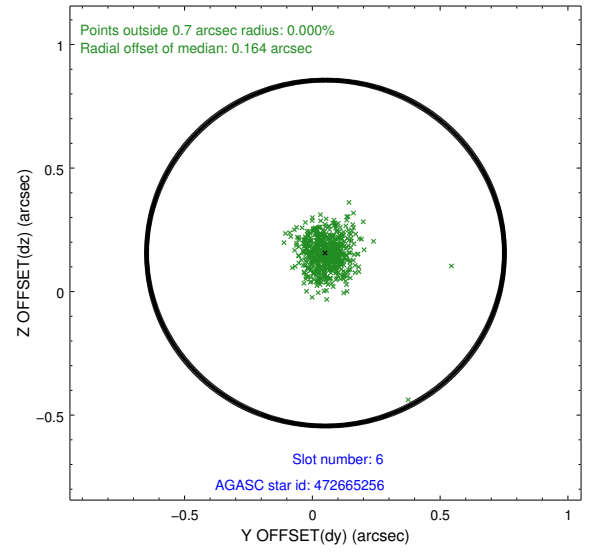
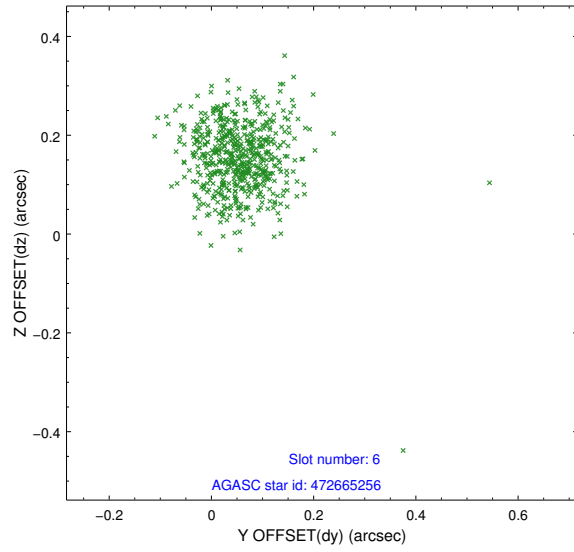
2.4.2 Slot 4



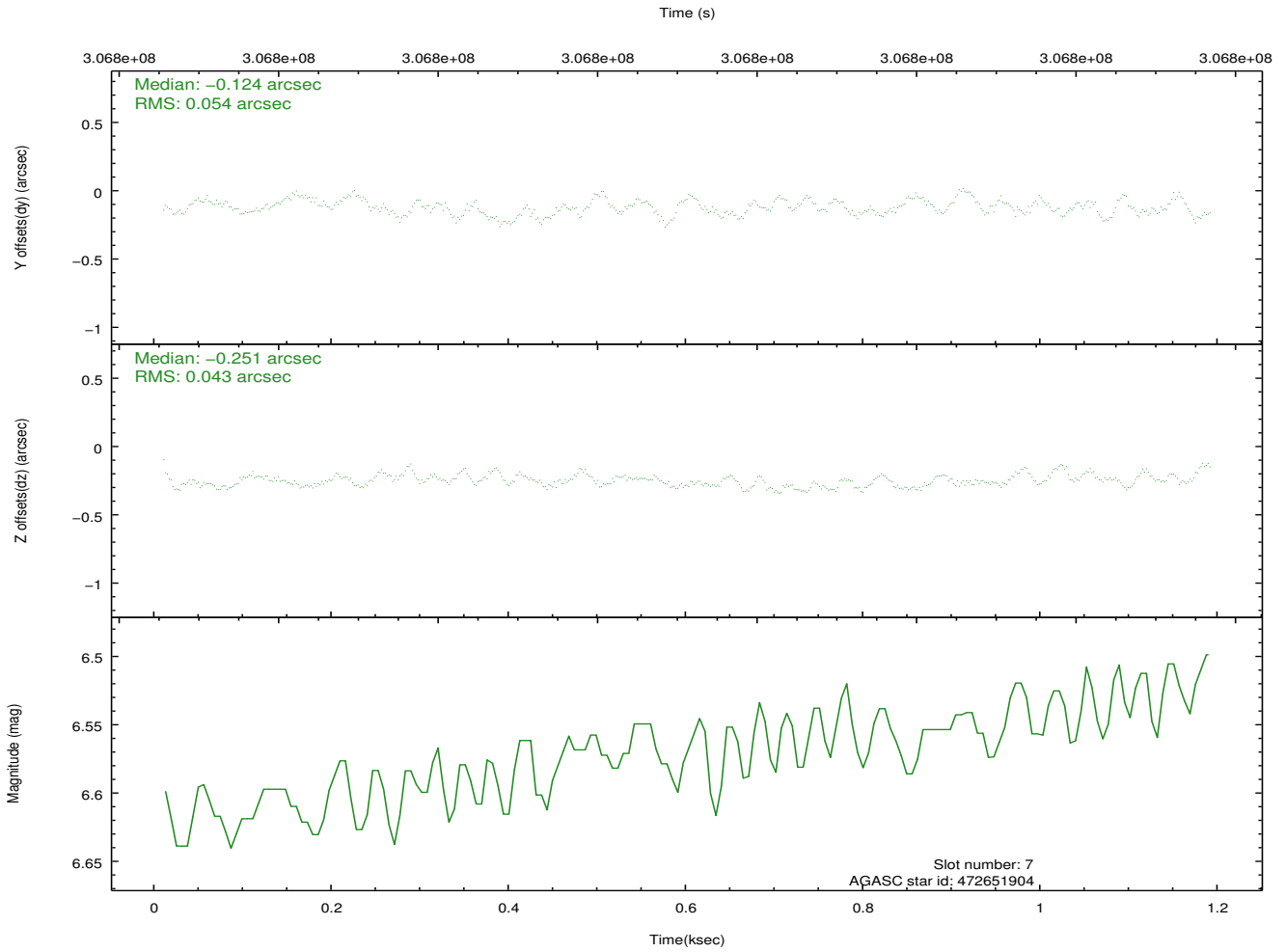
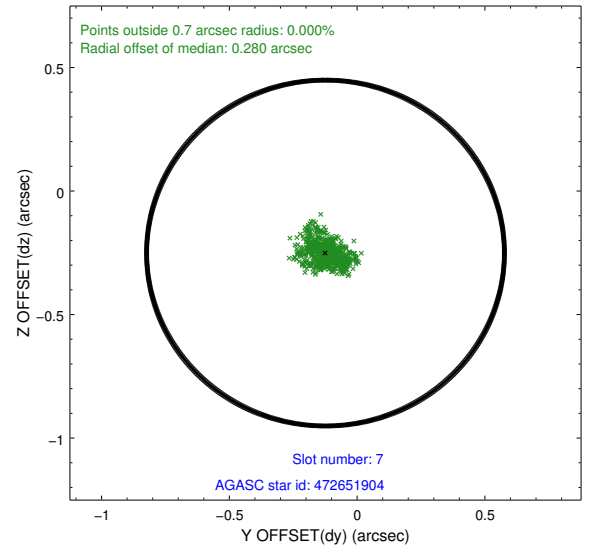
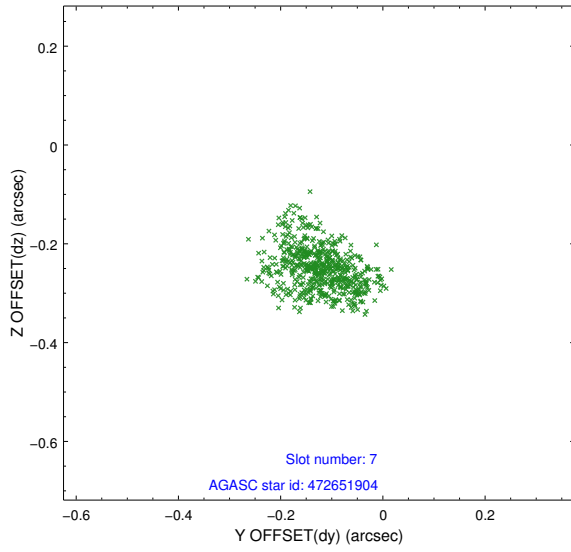
2.4.3 Slot 5



2.4.4 Slot 6

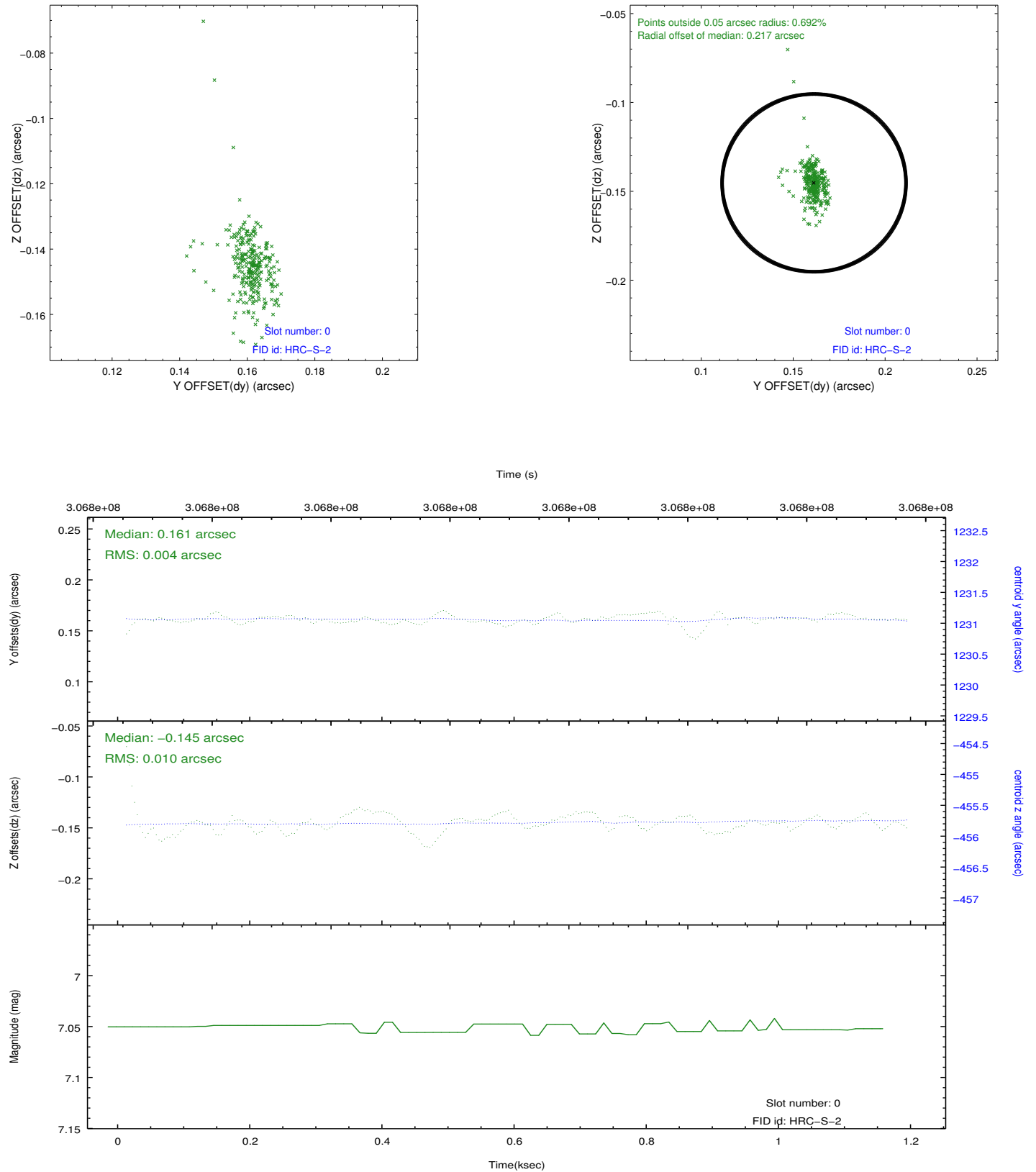


2.4.5 Slot 7

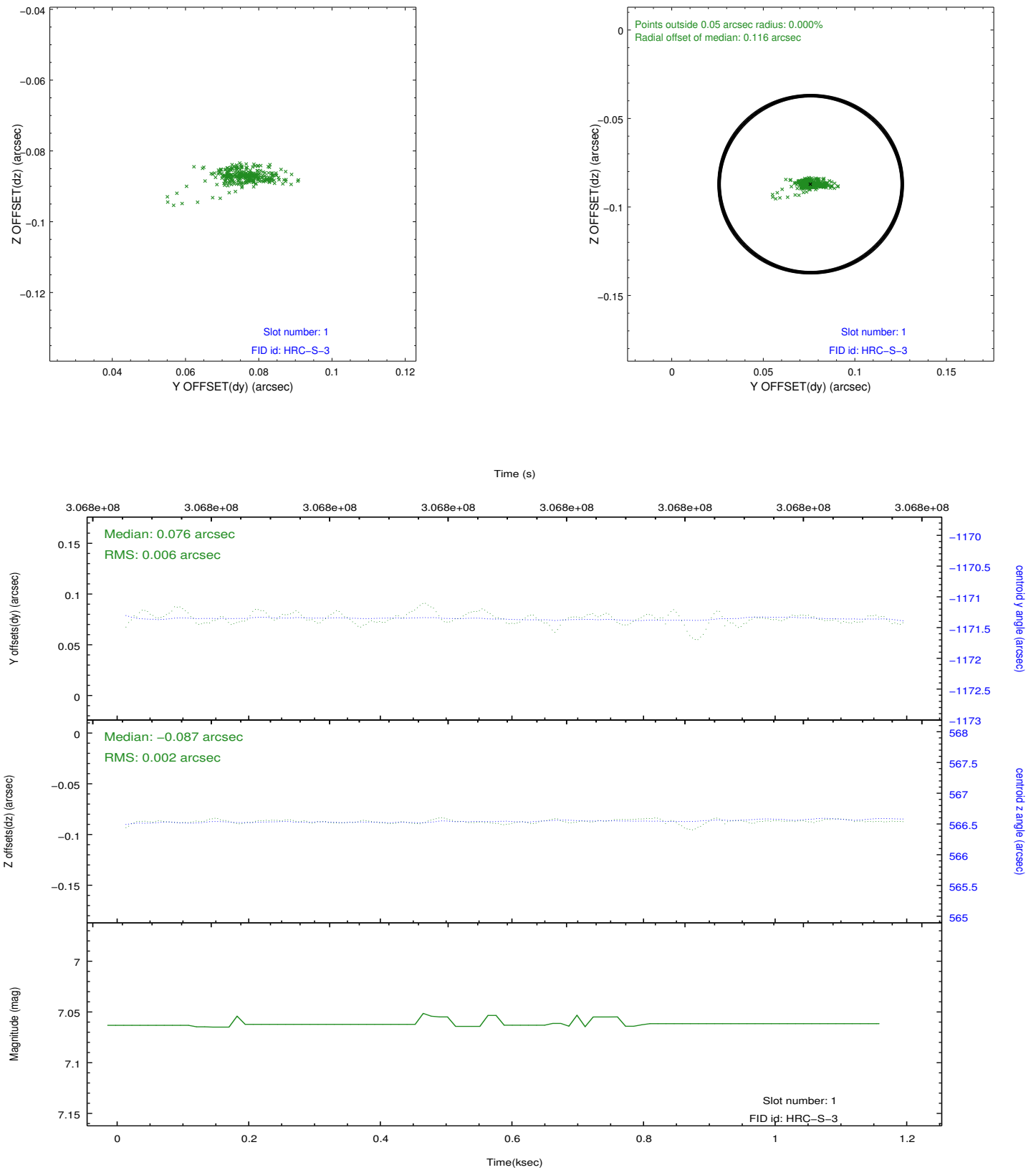


2.5 FID Slots

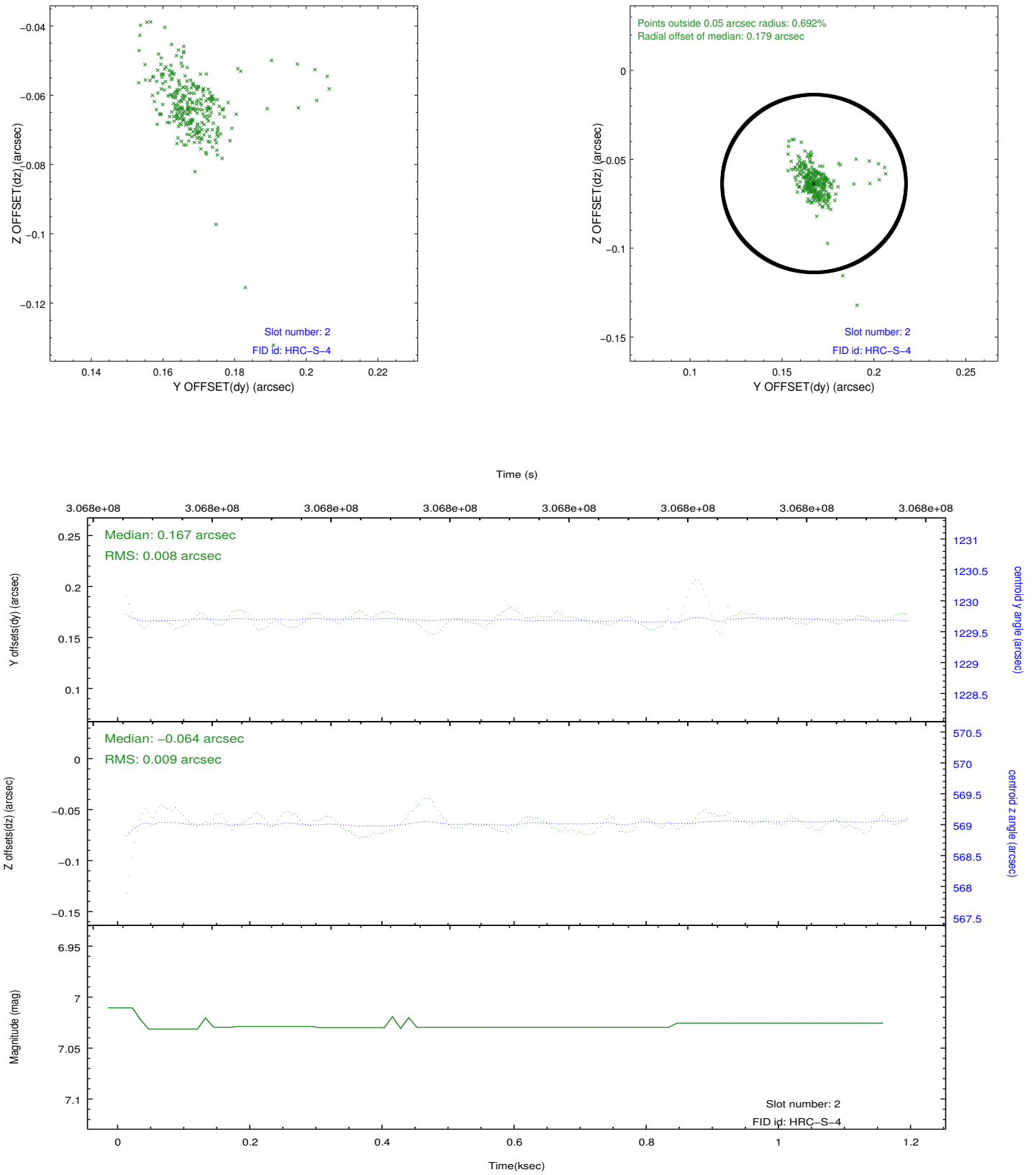
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1533813

A.2 Comments