

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8299 - L2 Version 4
Chandra X-Ray Center

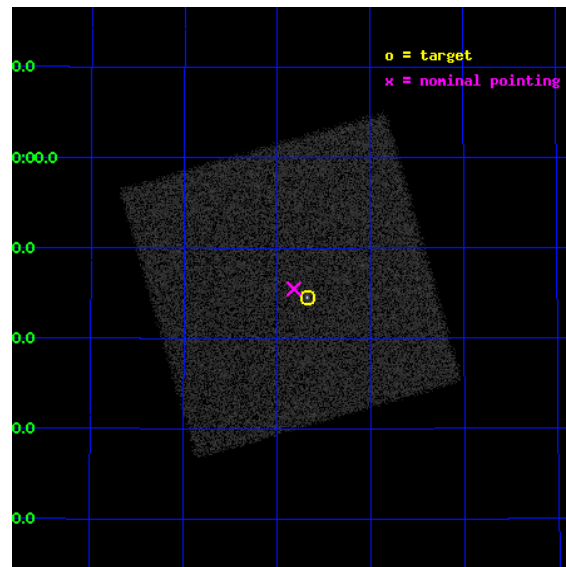
L2 Processing Date : Aug 11 2012

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1 Front

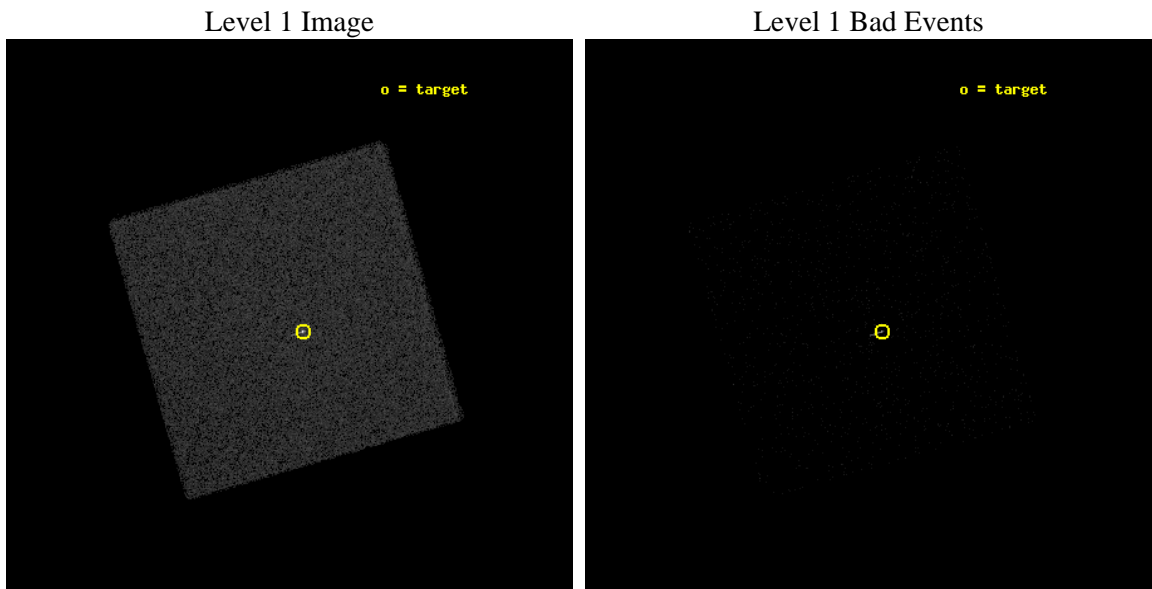
seq_num	290678	Sequence number
obs_id	8299	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20554235119	Nominal RA [deg]
dec_nom	45.758647903258	Nominal Dec [deg]
roll_nom	208.91007438863	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1188.2313072085	[s]
livetime	1175.6716765673	Ontime multiplied by DTCOR
l2events	75141	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	1188.2313072085	[s]
caldbver	4.5.1.1	 	l1events	138480	Number of level 1 events
date	2012-08-12T00:49:11	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

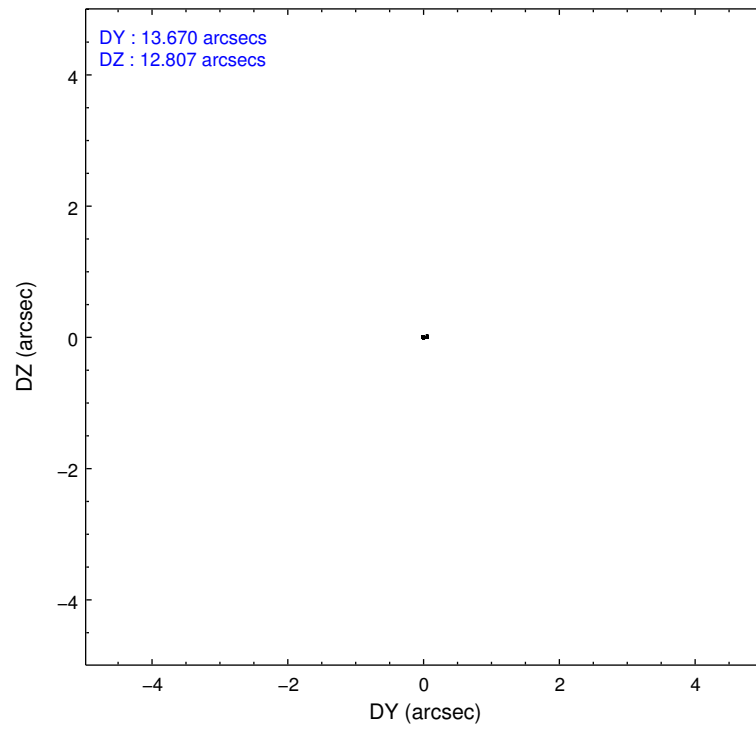
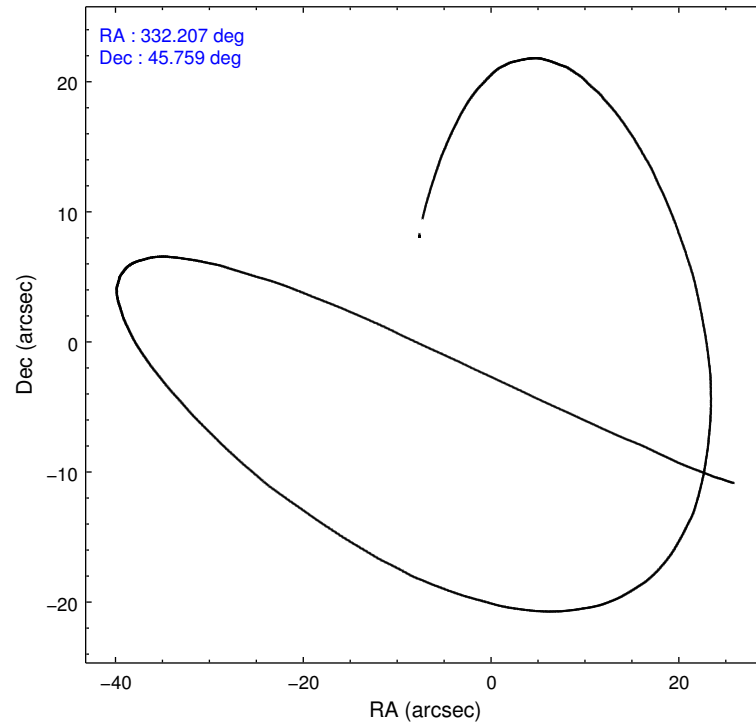
	segment 0
level 1 events	138480
rejected events	29422
rejected %	21%

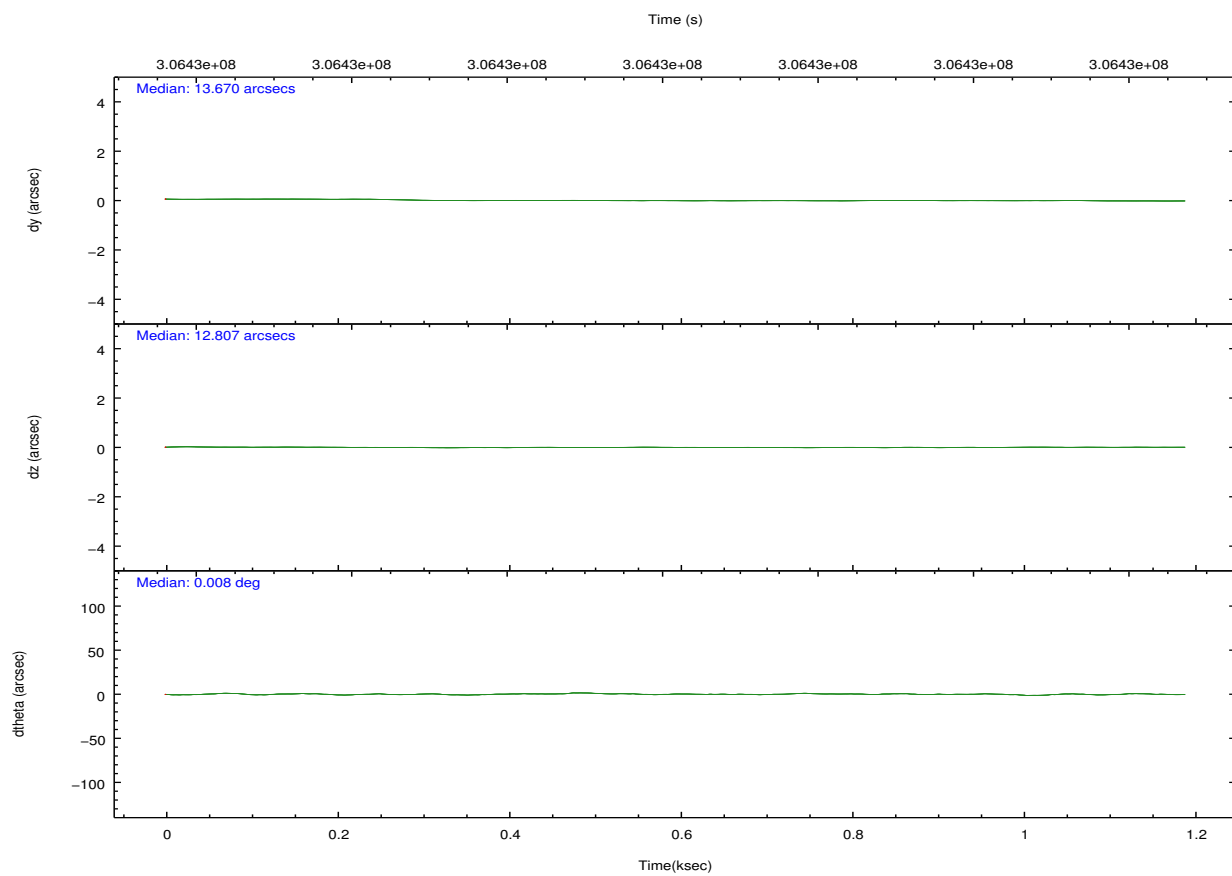
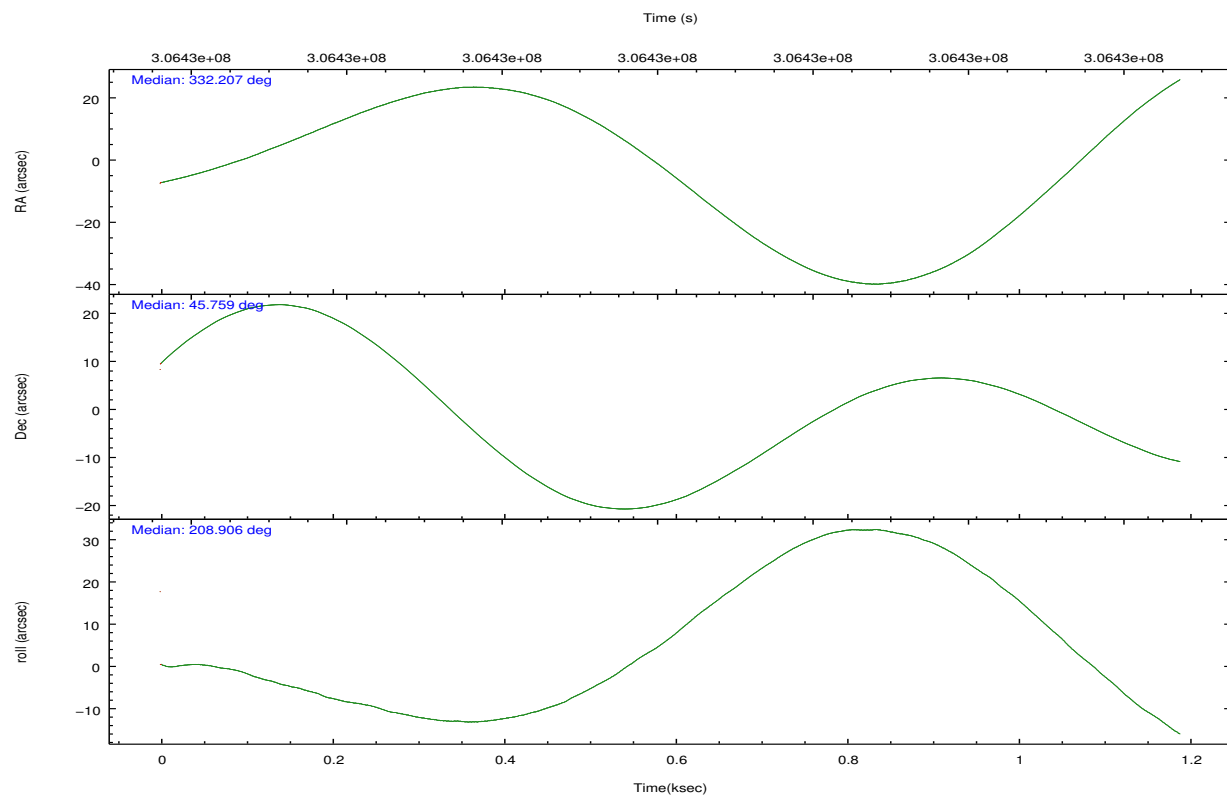
2.2 Compared Parameters

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	332.225129	332.2055423511925
[deg] Pointing Dec	45.781558	45.75864790325841
[deg] Pointing Roll	208.991518	208.9100743886327
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	306426012.184000	306425636.23826
Observation start date	2007-09-17T14:19:07	2007-09-17T14:13:56
[s] Observation end time (MET)	306427012.184000	306427146.06333
Observation end date	2007-09-17T14:35:47	2007-09-17T14:39:06

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

2.3 Aspect



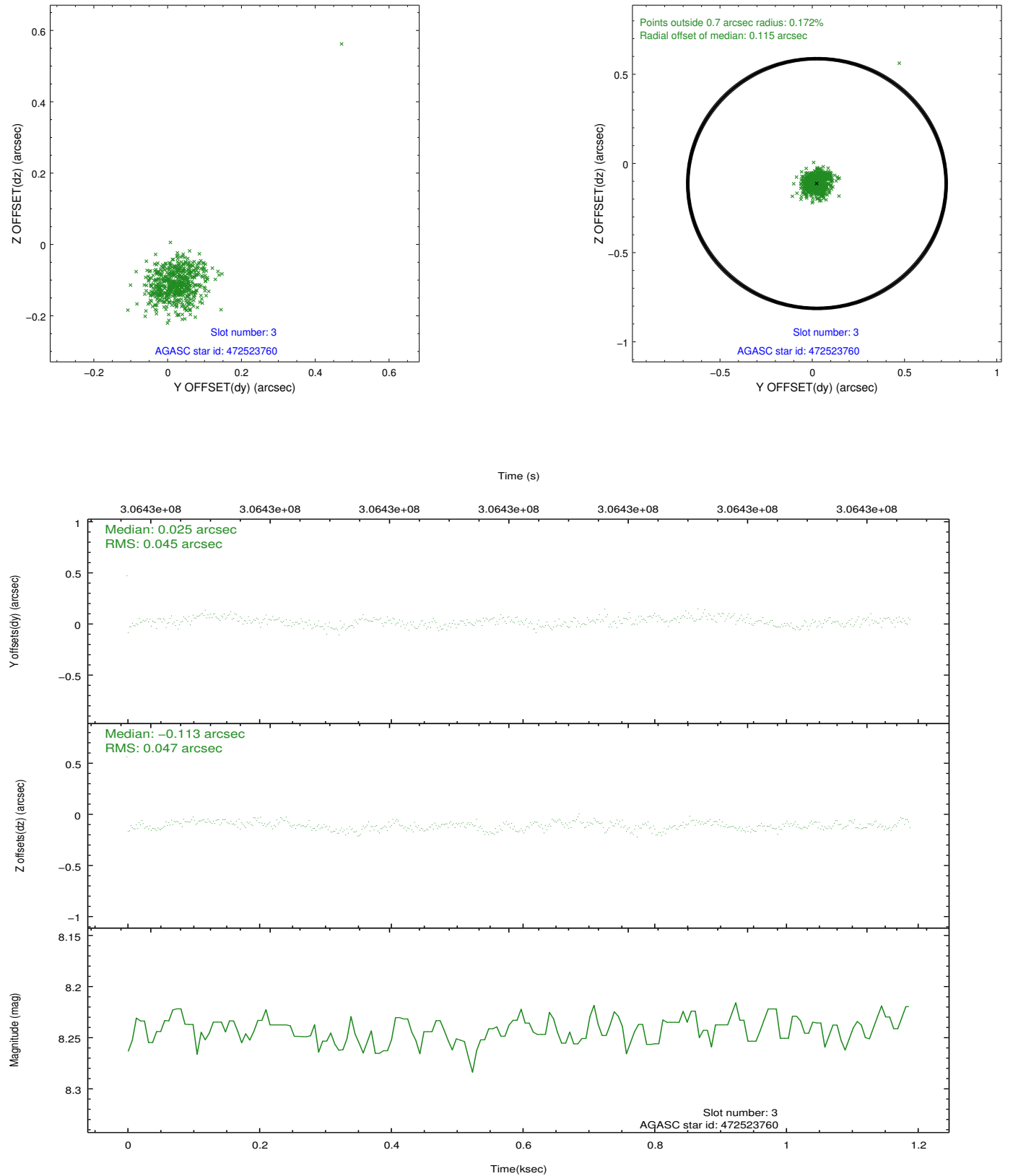


Slot Statistics

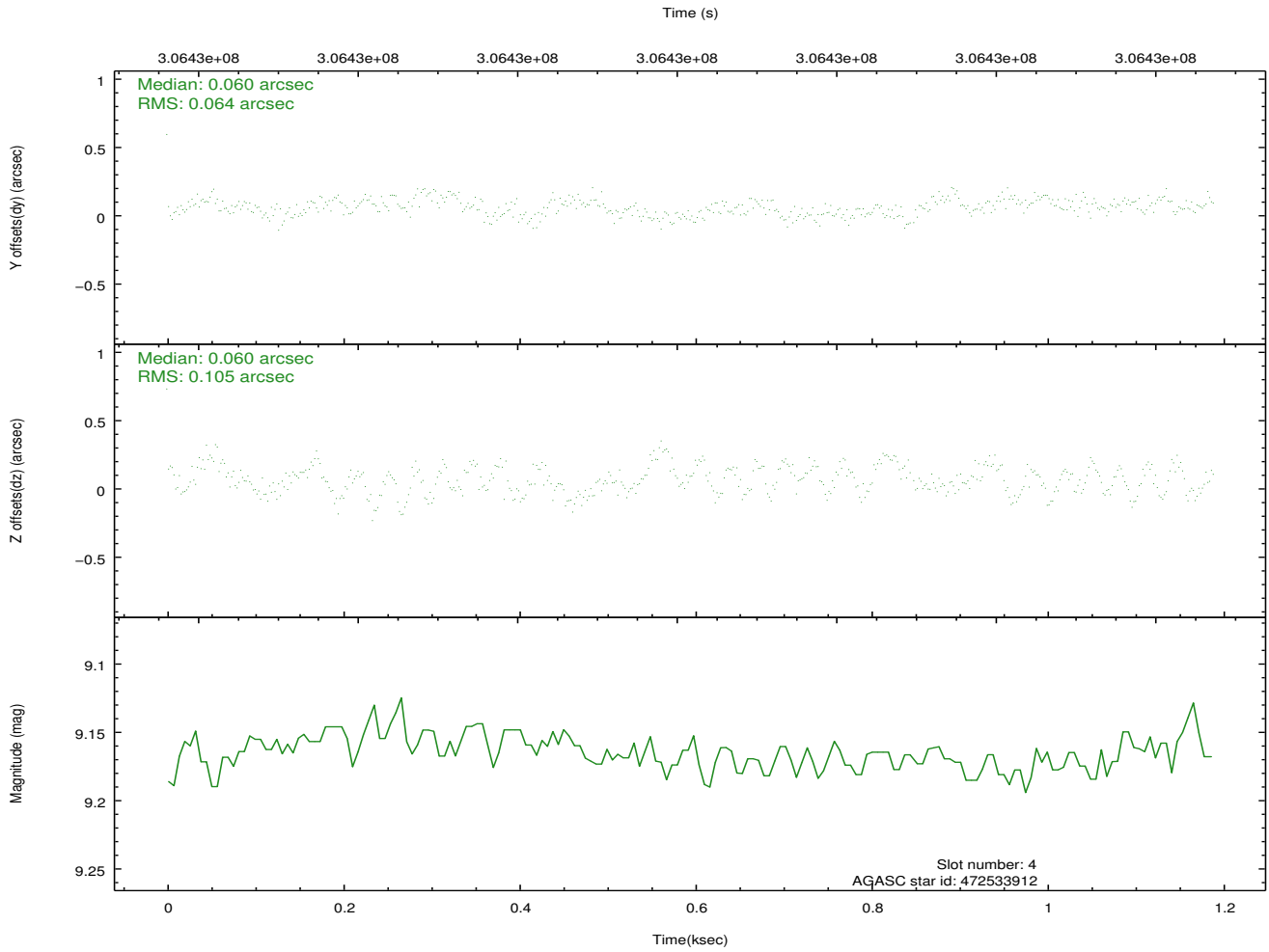
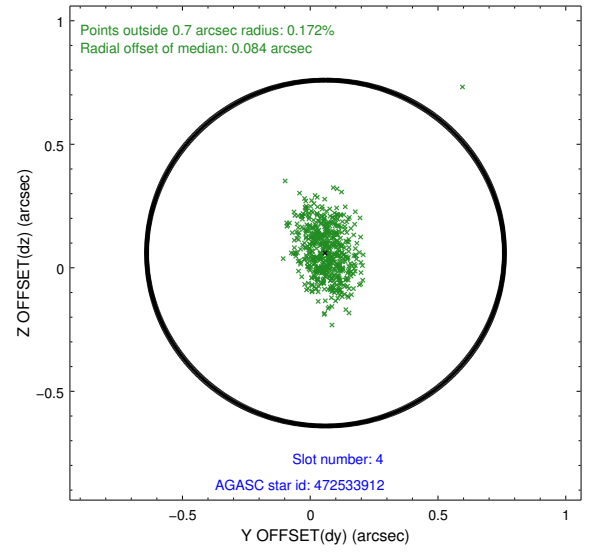
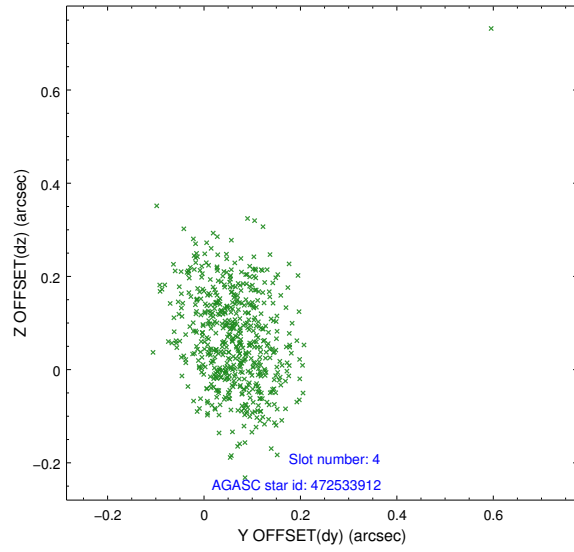
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	291	0.153	-0.119	0.005	0.009	0.000000	0.000000	843.35	-1302.56
1	FID	HRC-I-3	7.07	291	-0.140	0.092	0.005	0.009	0.000000	0.000000	-1195.18	999.30
2	FID	HRC-I-4	7.00	291	0.105	-0.059	0.005	0.009	0.000000	0.000000	1269.34	1004.67
3	GUIDE	472523760	8.24	581	0.025	-0.113	0.061	0.092	331.645363	45.403260	1940.44	479.08
4	GUIDE	472533912	9.17	580	0.060	0.060	0.127	0.198	331.791136	46.368695	-78.30	-2370.30
5	GUIDE	472655152	9.42	578	0.065	-0.140	0.125	0.206	332.504239	45.862991	-753.80	80.31
6	GUIDE	472665256	9.01	579	0.158	0.176	0.086	0.141	332.808125	46.195041	-1994.92	-599.57
7	GUIDE	472525528	6.64	580	-0.312	-0.005	0.071	0.136	331.551102	45.248694	2417.81	845.56

2.4 Star Slots

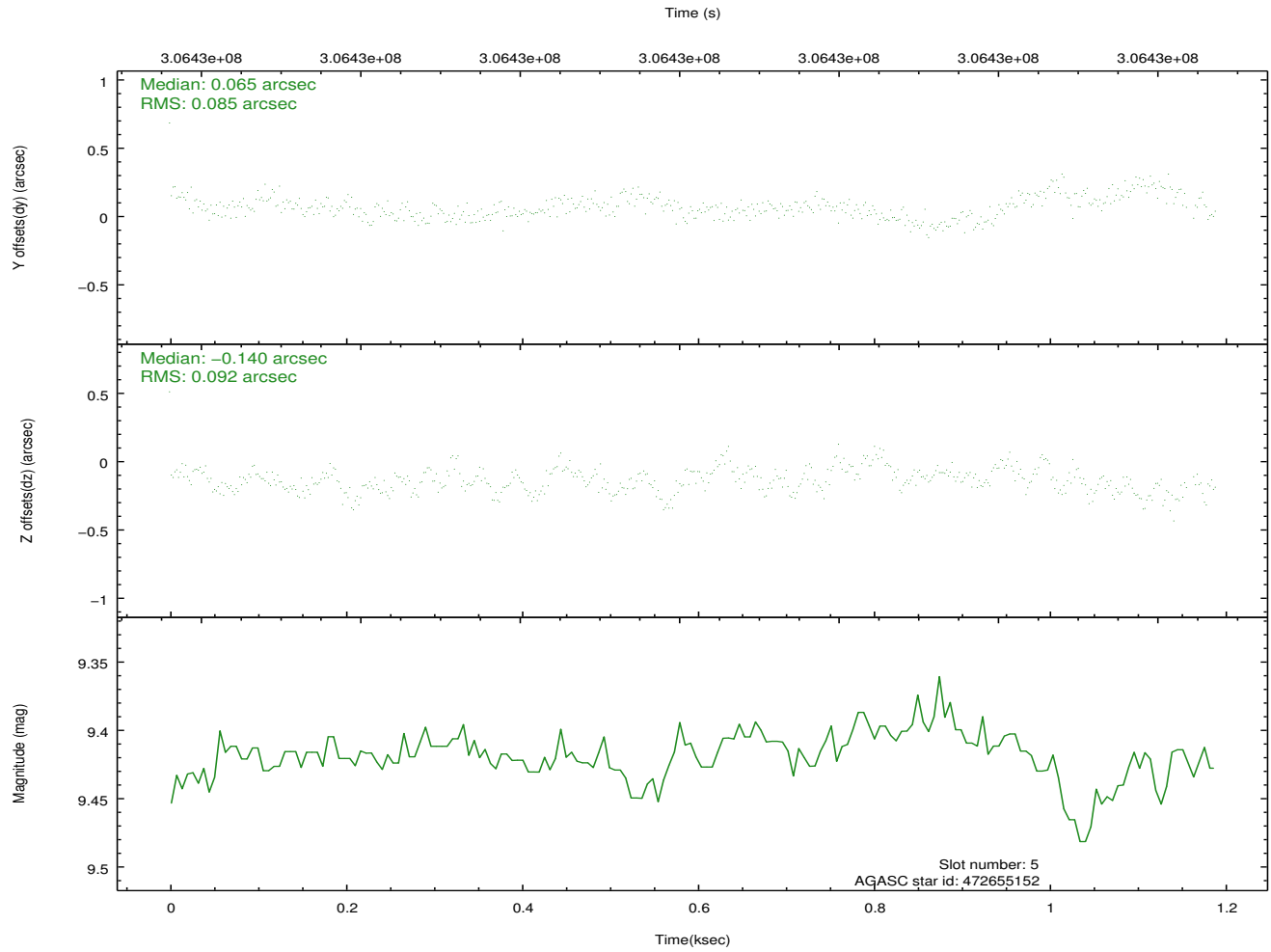
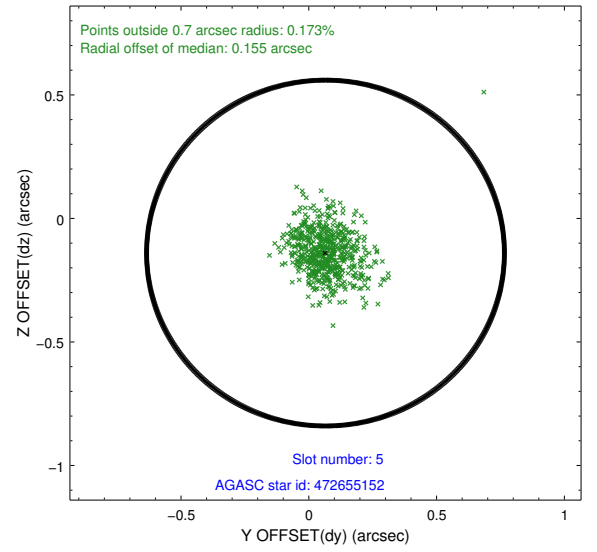
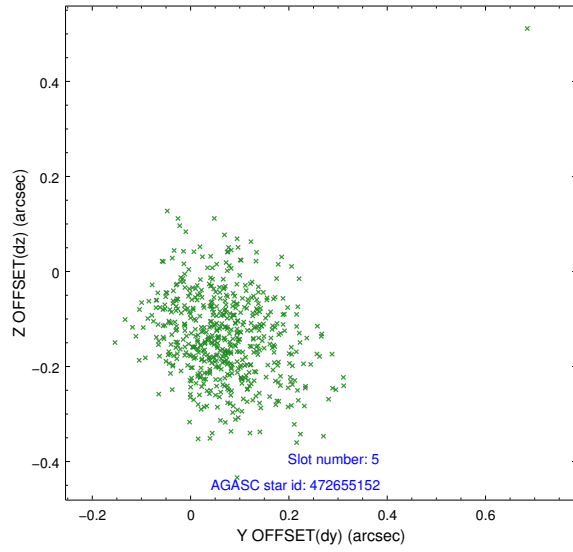
2.4.1 Slot 3



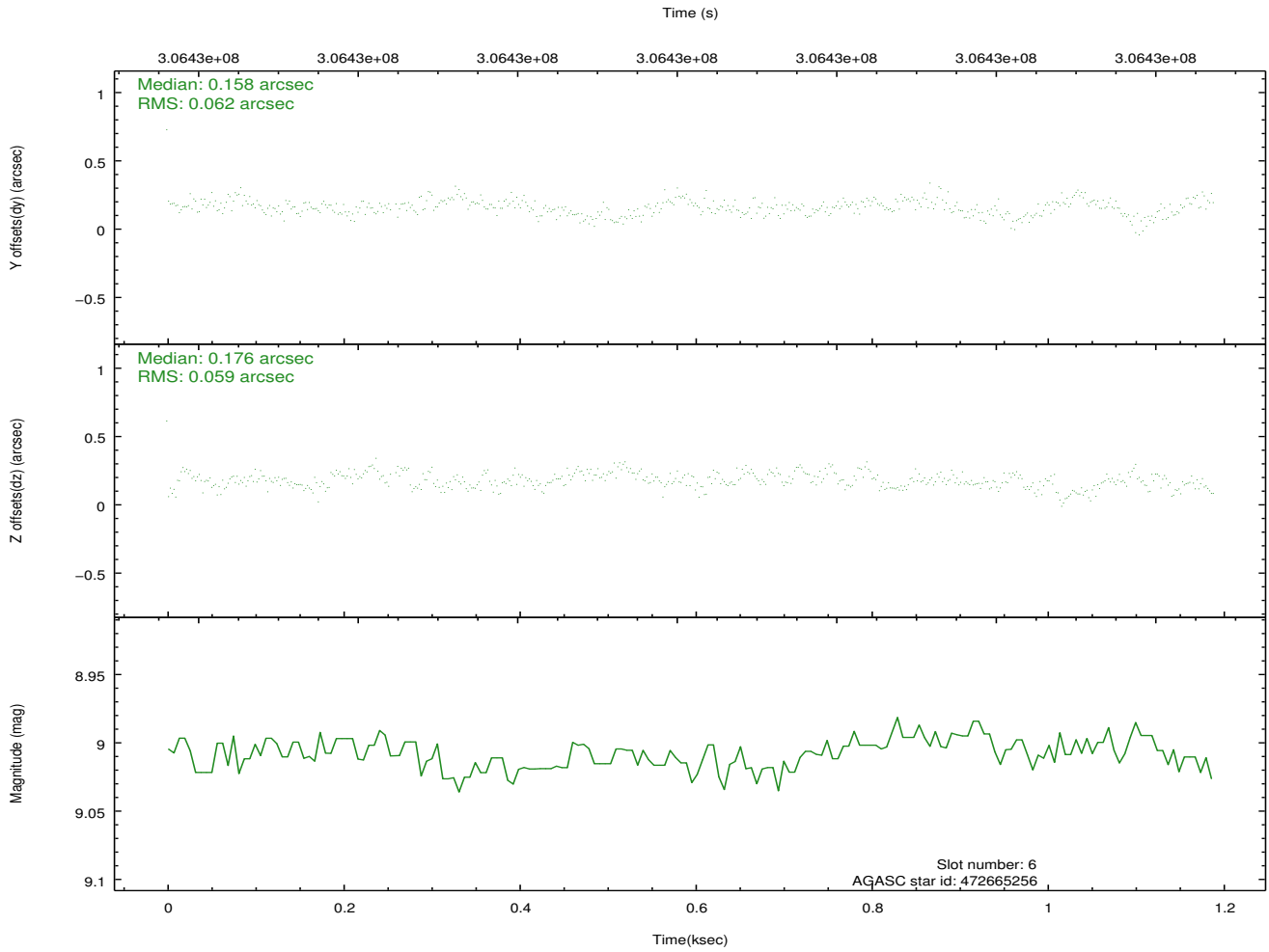
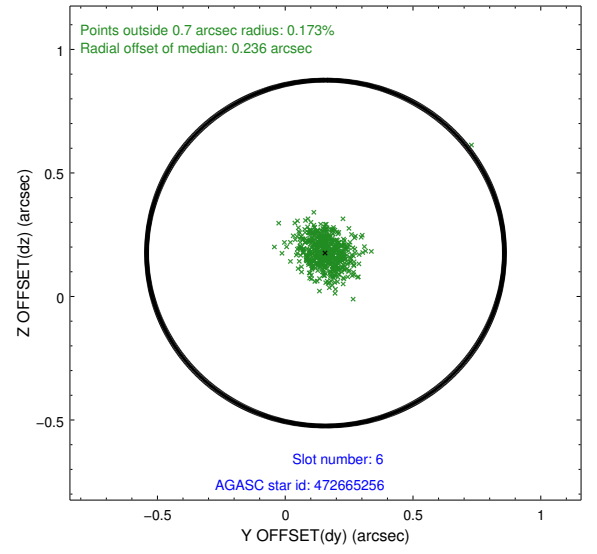
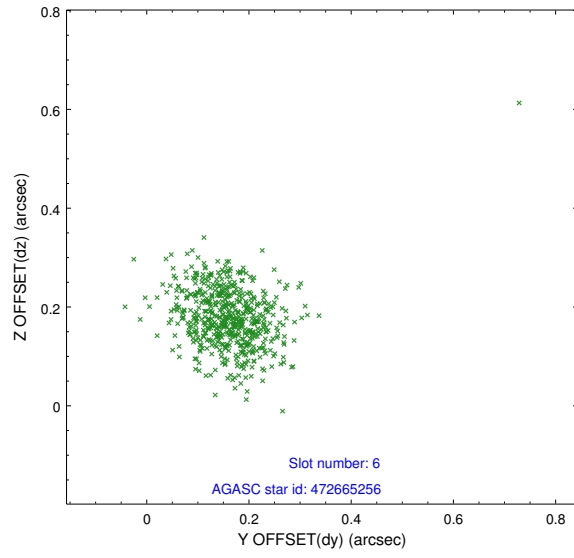
2.4.2 Slot 4



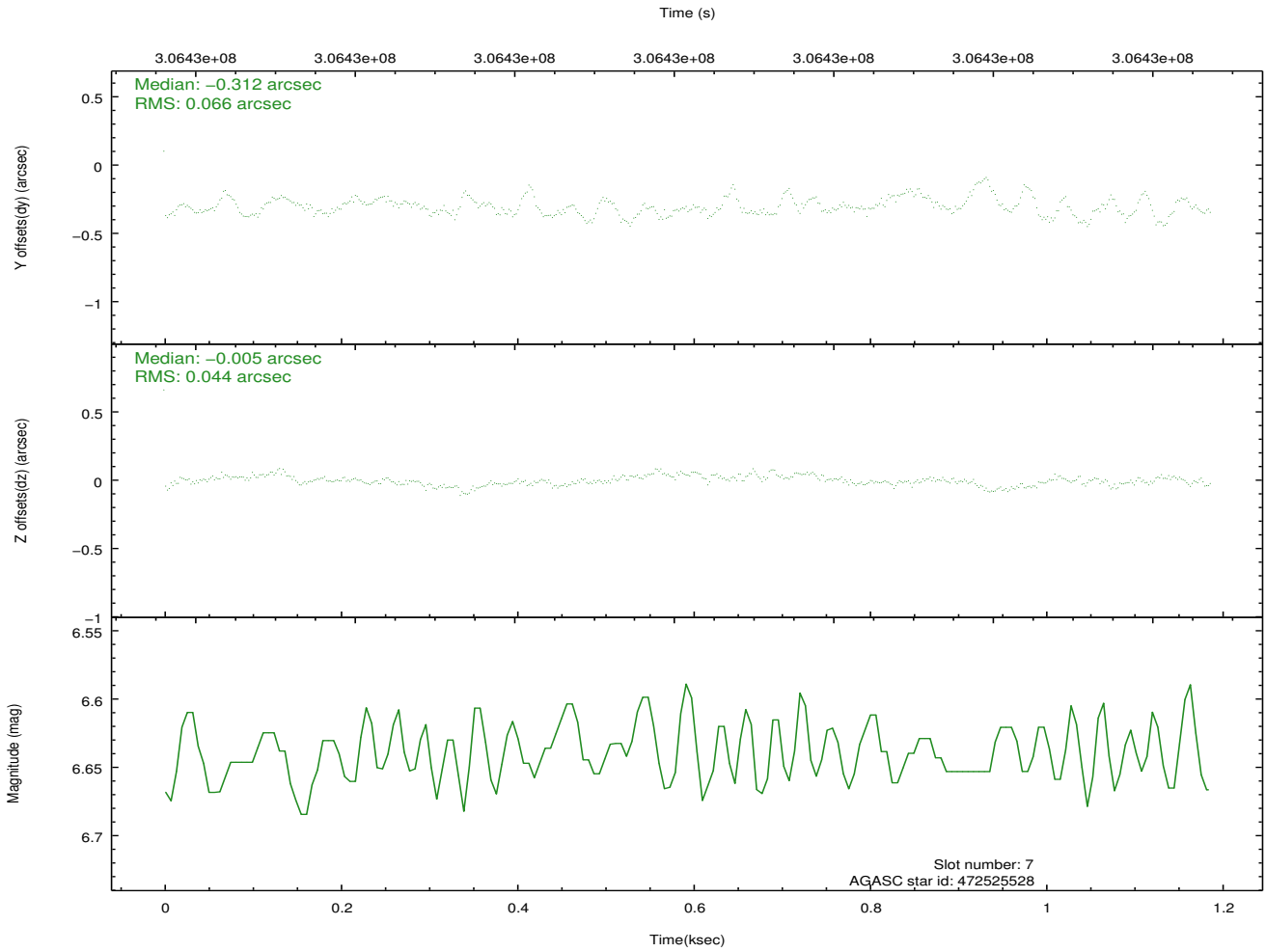
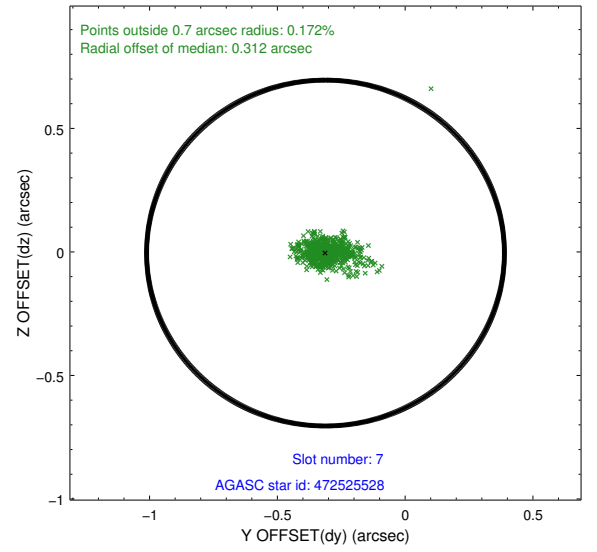
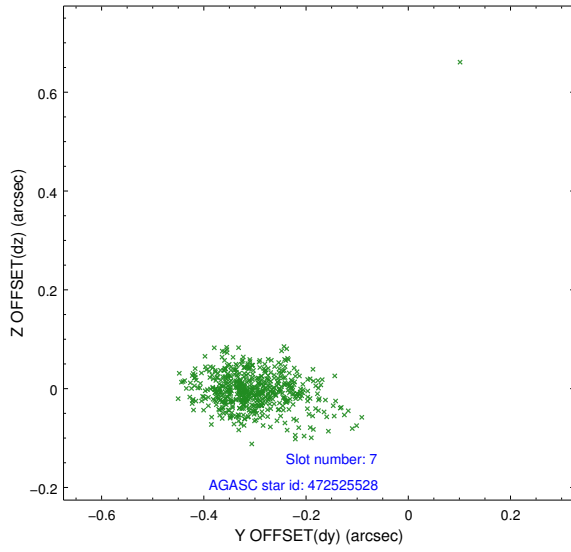
2.4.3 Slot 5



2.4.4 Slot 6

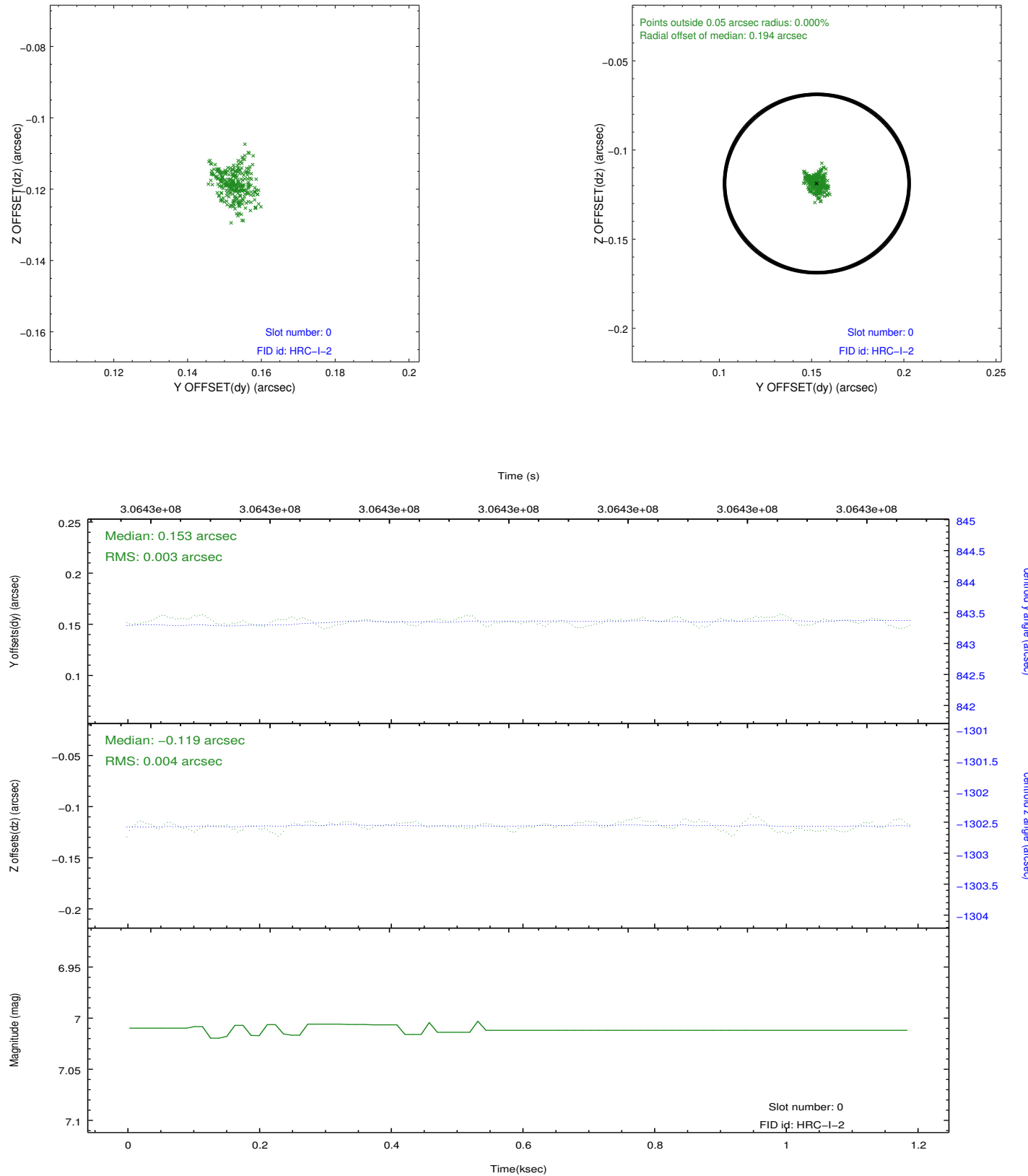


2.4.5 Slot 7

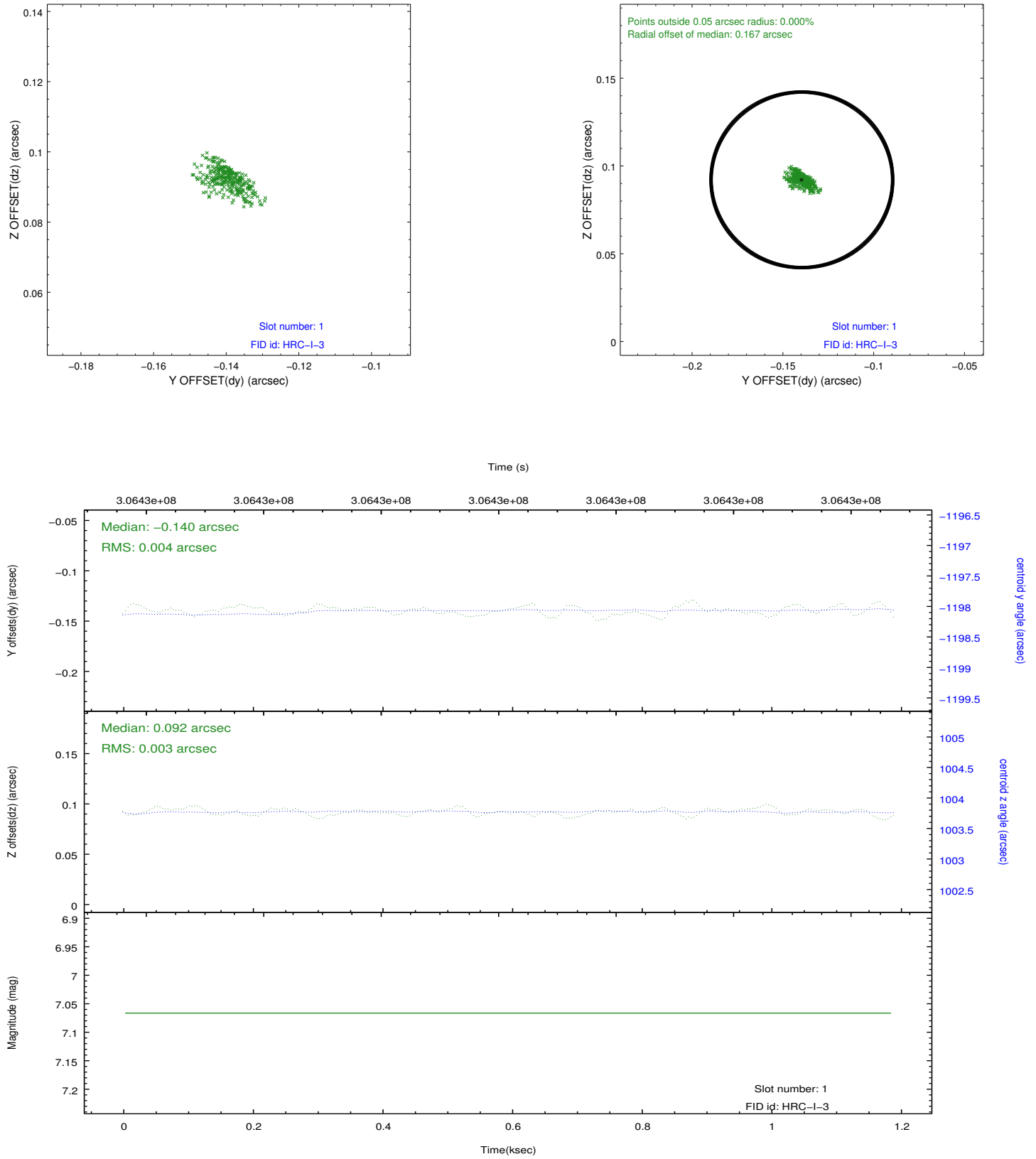


2.5 FID Slots

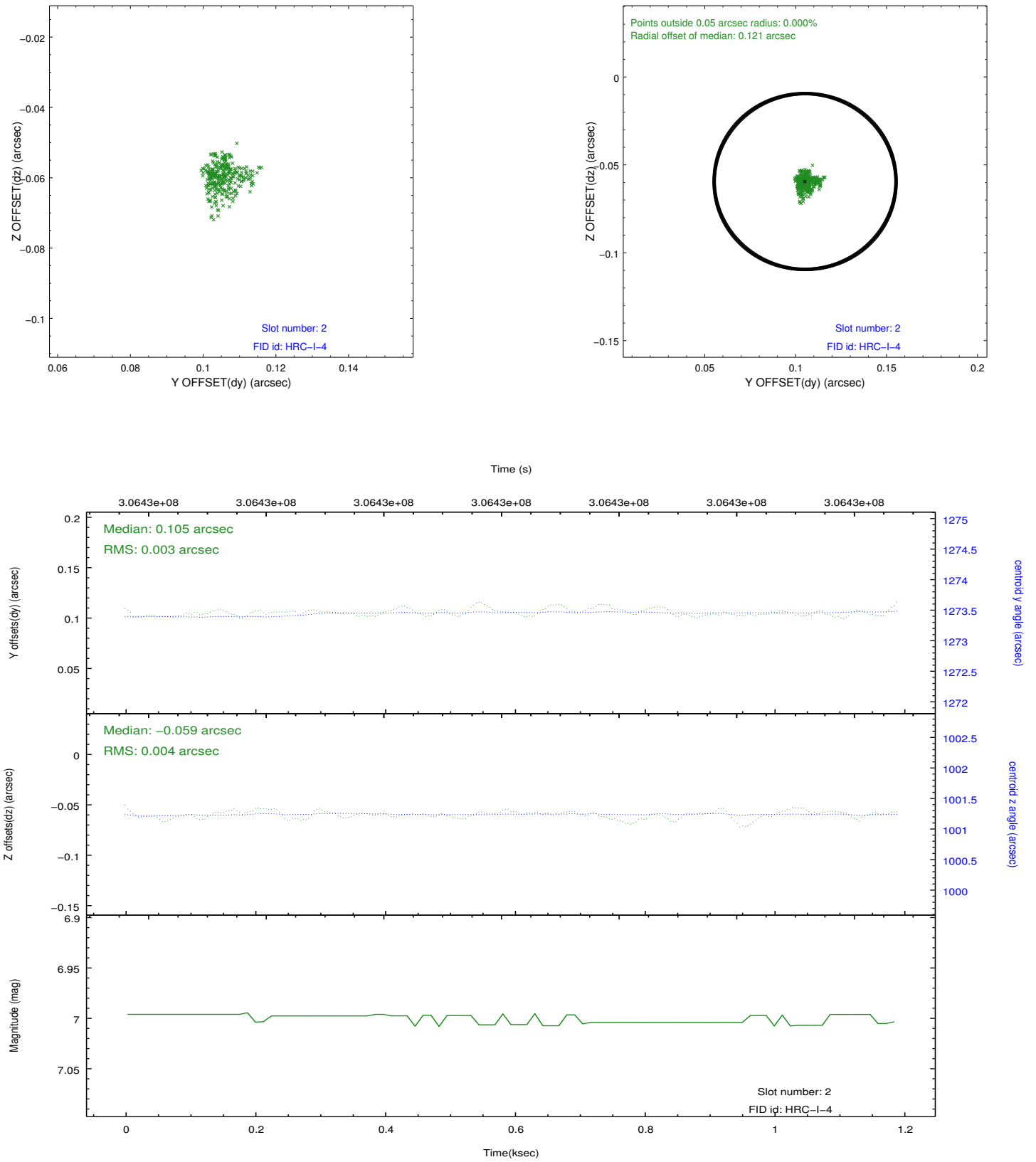
2.5.1 Slot 0



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	1.1882313

A.2 Comments