

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 5117 - L2 Version 3
Chandra X-Ray Center

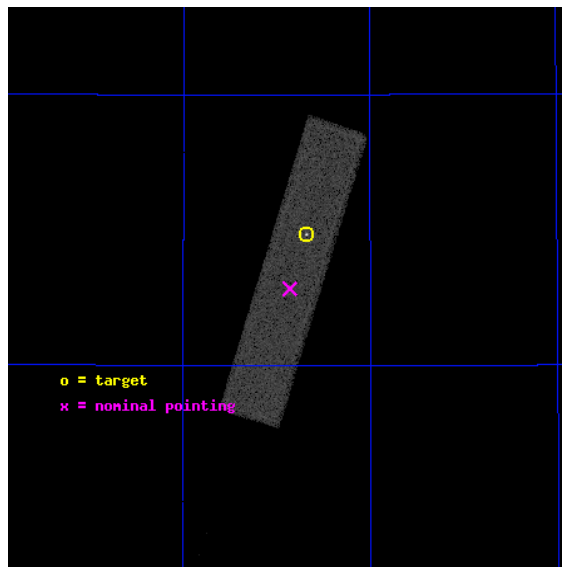
L2 Processing Date : Dec 12 2012

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1 Front

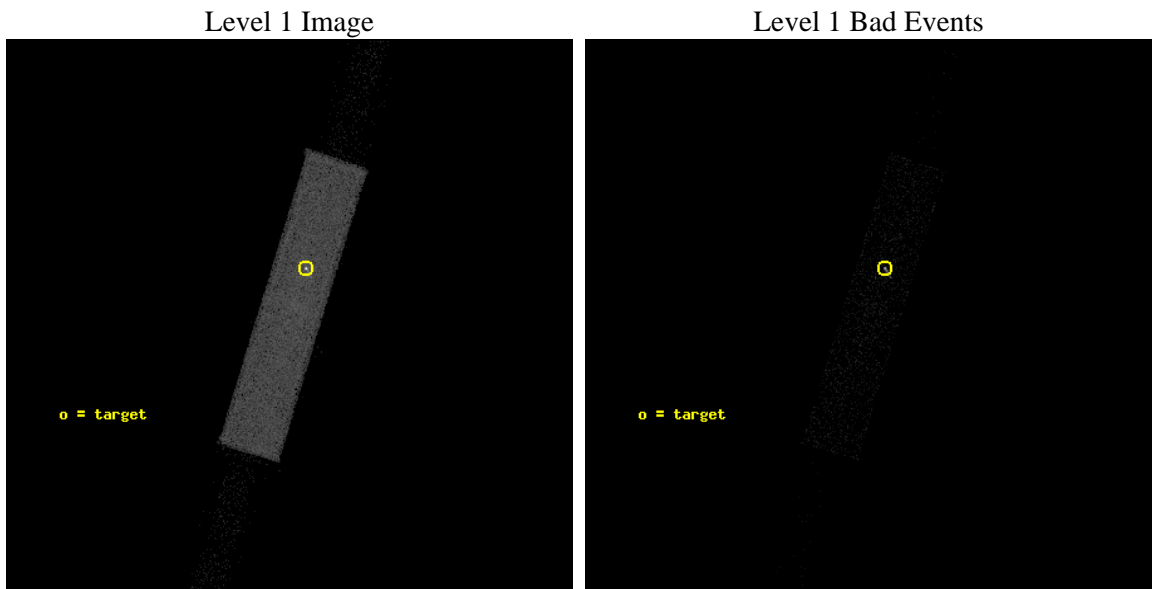
seq_num	290390	Sequence number
obs_id	5117	Observation id
title	AO5B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21462333875	Nominal RA [deg]
dec_nom	45.642365644144	Nominal Dec [deg]
roll_nom	287.05476684992	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1052.6750473678	[s]
livetime	1045.7421844386	Ontime multiplied by DTCOR
l2events	48091	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	900.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	1052.6750473678	[s]
caldsver	4.5.4	 	l1events	90277	Number of level 1 events
date	2012-12-12T00:11:35	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

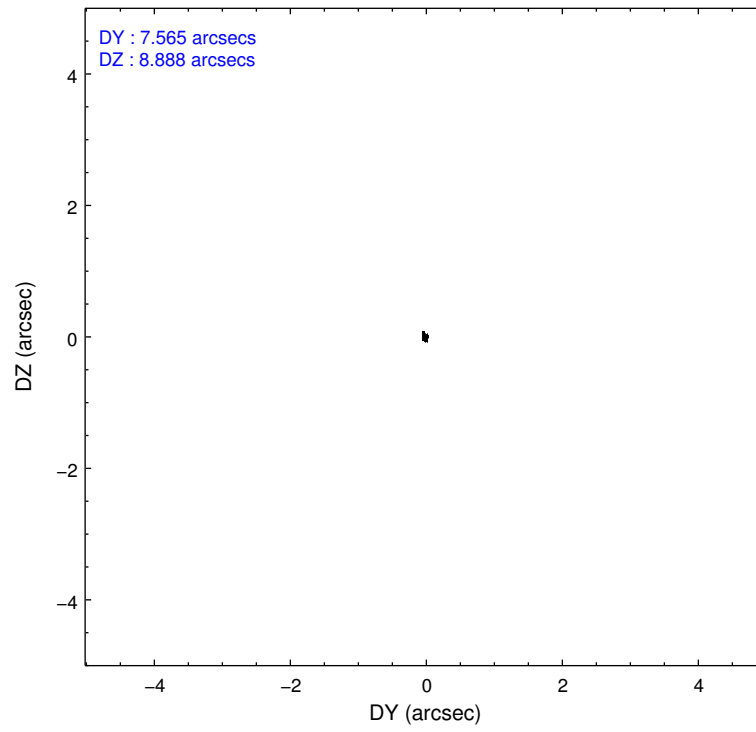
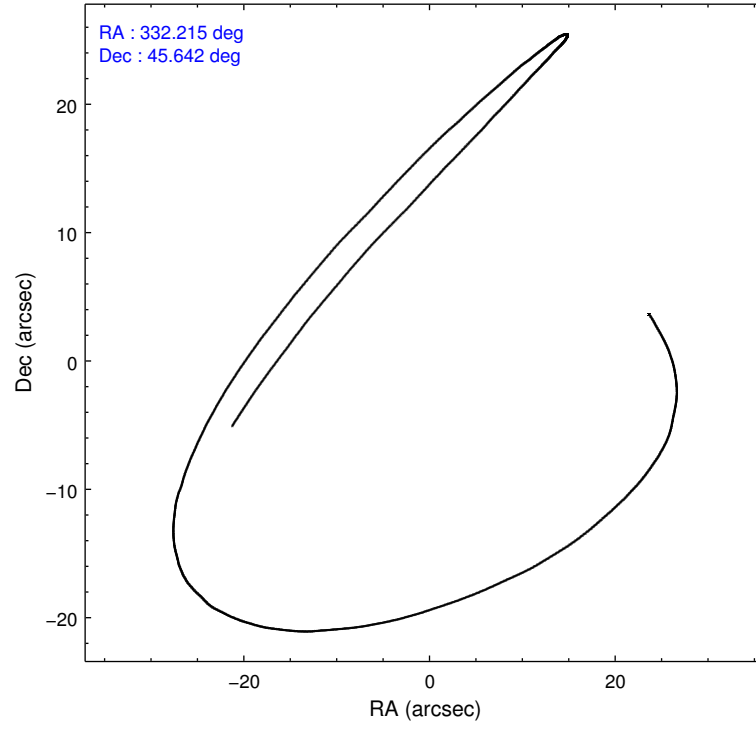
Level 1 Events

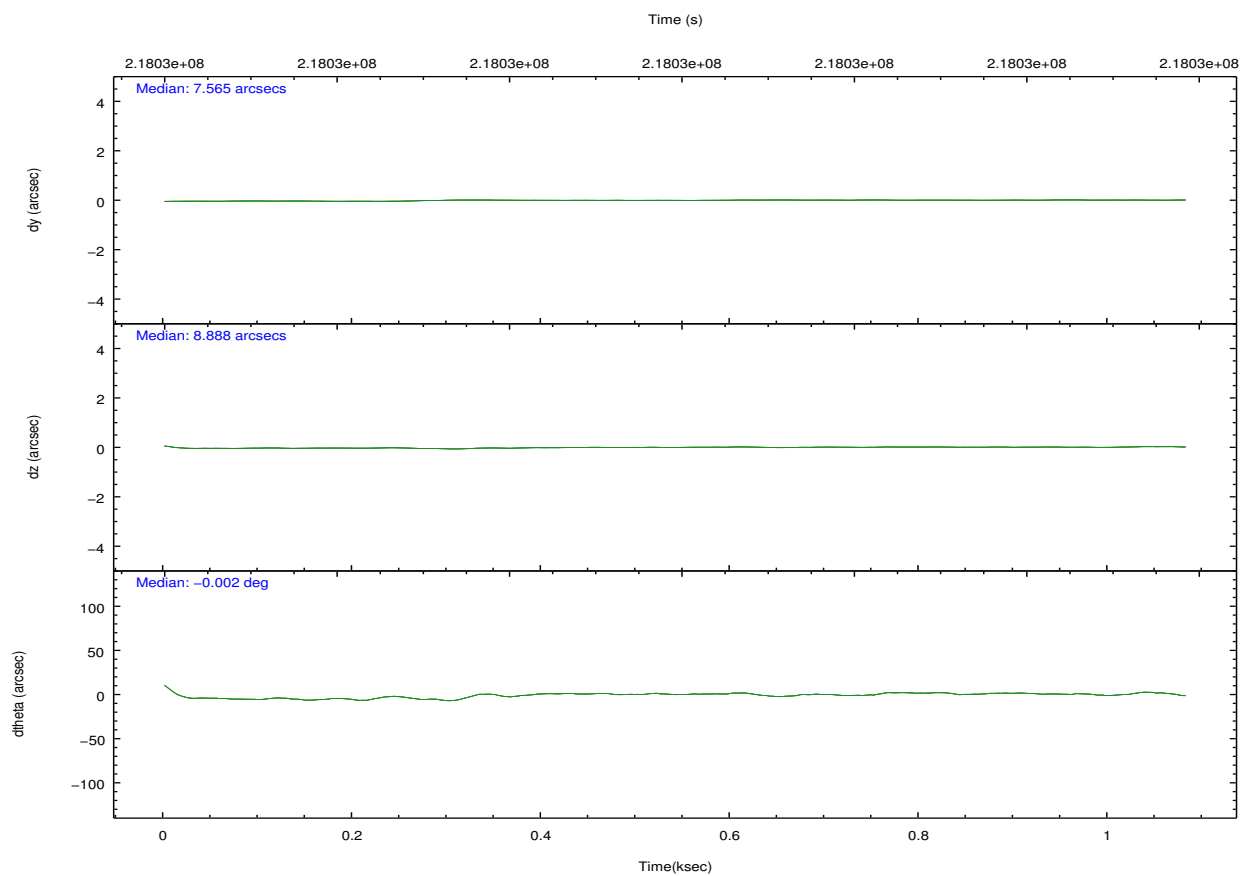
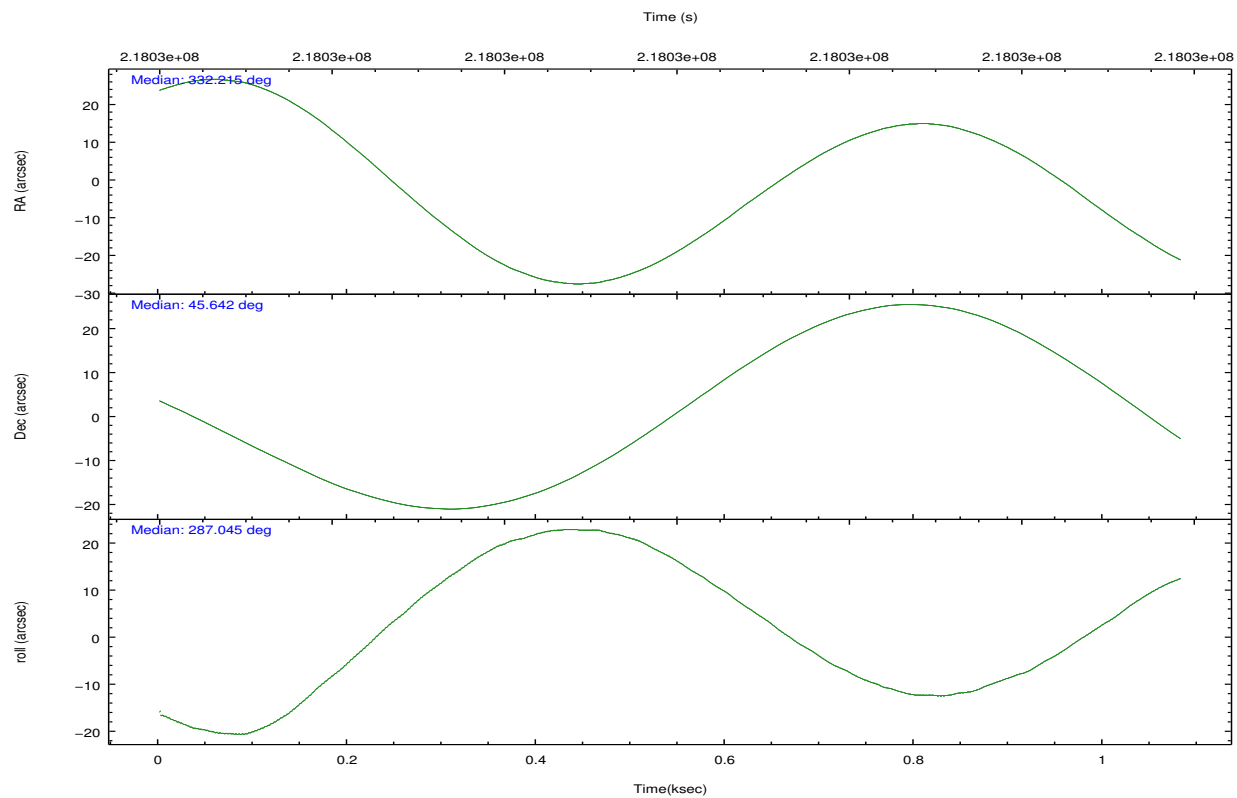
	segment 1	segment 2	segment 3
level 1 events	736	88798	743
rejected events	736	29698	737
rejected %	100%	33%	99%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.182347	332.2146233387456			
[deg] Pointing Dec	45.660580	45.64236564414428			
[deg] Pointing Roll	287.010470	287.0547668499225			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	218029833.184000	218029456.84418			
Observation start date	2004-11-28T11:49:29	2004-11-28T11:44:16			
[s] Observation end time (MET)	218030733.184000	218030866.73174			
Observation end date	2004-11-28T12:04:29	2004-11-28T12:07:46			

2.3 Aspect



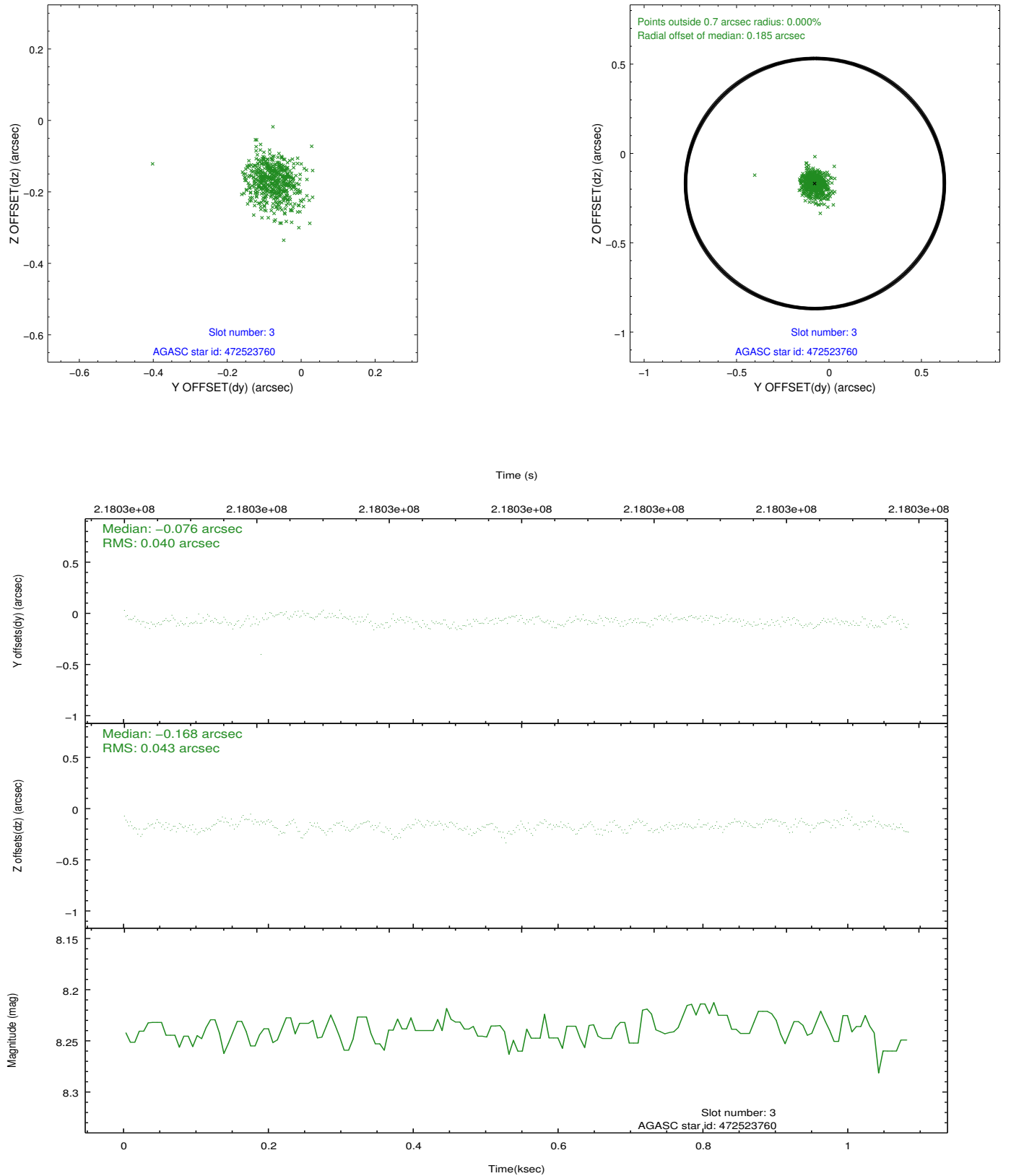


Slot Statistics

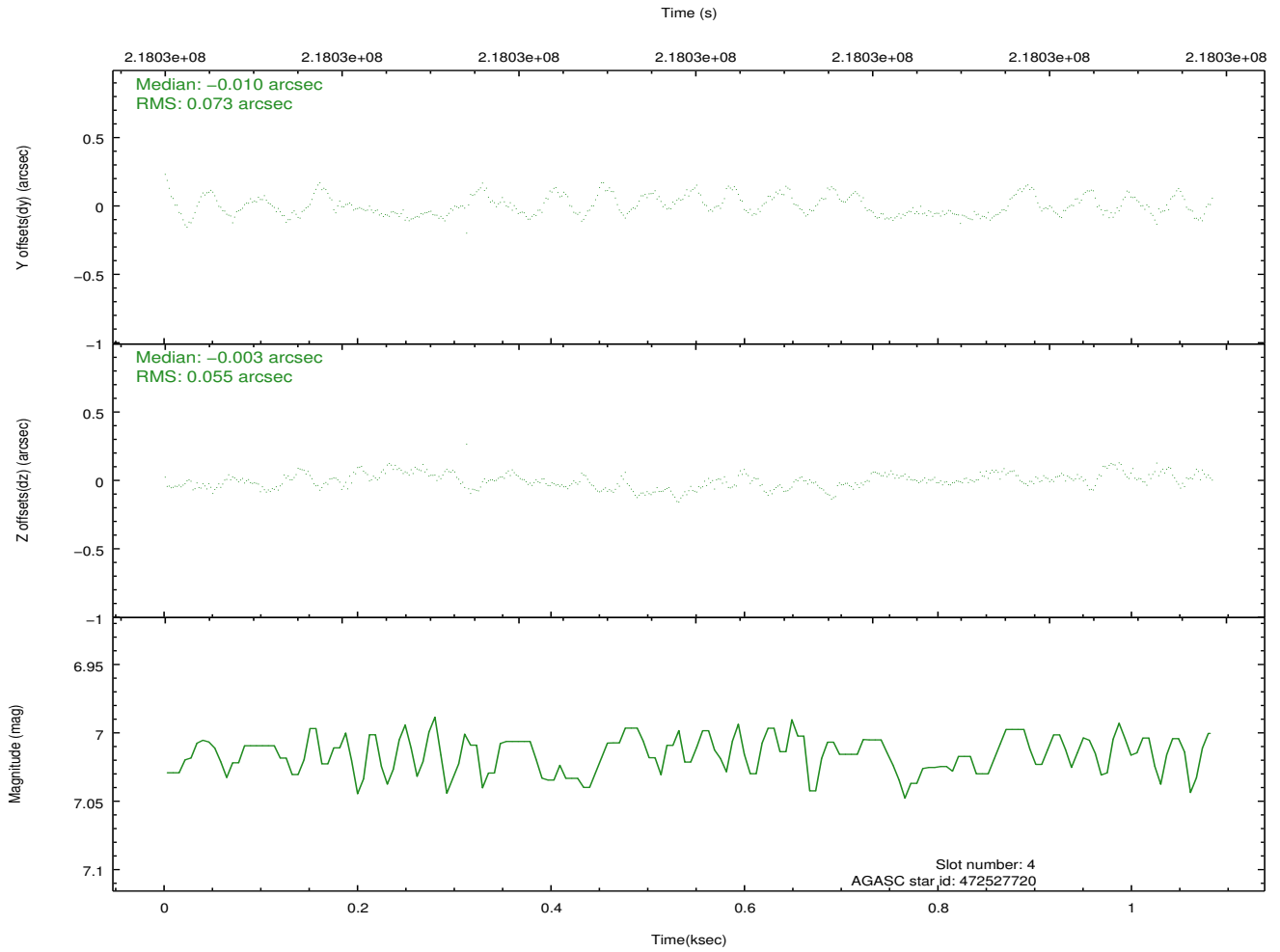
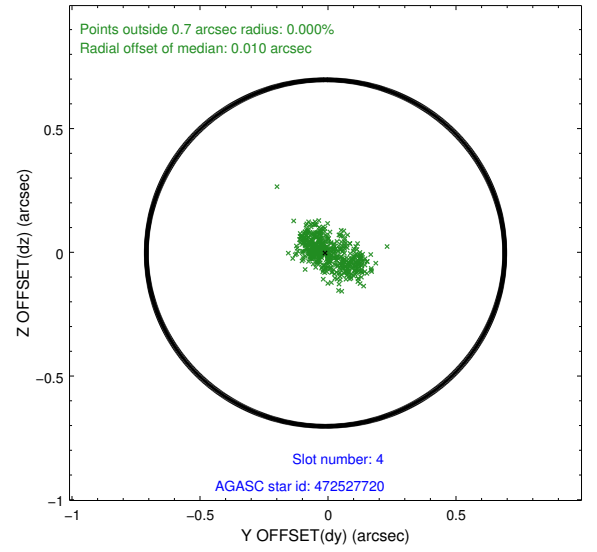
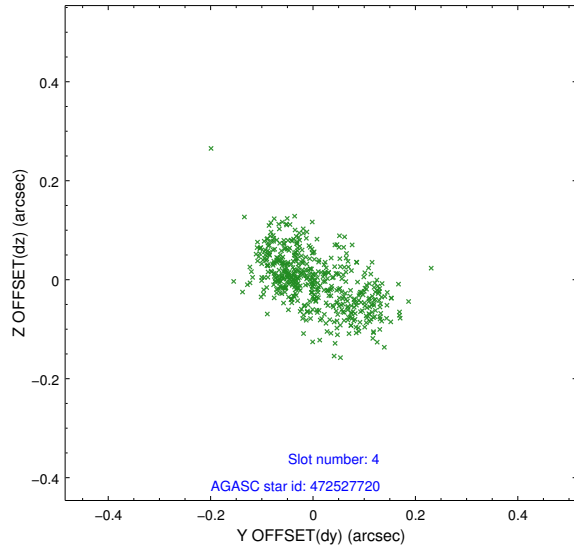
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	264	0.114	-0.164	0.009	0.016	0.000000	0.000000	-1161.75	-457.52
1	FID	HRC-S-3	7.04	264	0.052	-0.040	0.010	0.017	0.000000	0.000000	-1168.91	570.40
2	FID	HRC-S-4	7.01	264	0.223	-0.093	0.006	0.011	0.000000	0.000000	1232.21	576.76
3	GUIDE	472523760	8.24	529	-0.076	-0.168	0.061	0.099	331.645363	45.403260	485.01	-1570.11
4	GUIDE	472527720	7.02	529	-0.010	-0.003	0.100	0.153	331.460205	45.112509	1343.88	-2334.37
5	GUIDE	472654568	9.44	525	0.139	0.046	0.094	0.157	332.194449	45.063576	2067.32	-605.73
6	GUIDE	472655152	9.44	529	0.006	0.099	0.097	0.174	332.504239	45.862991	-458.08	981.82
7	GUIDE	472659832	9.47	528	-0.064	0.049	0.097	0.154	332.780399	46.098139	-1075.77	1889.41

2.4 Star Slots

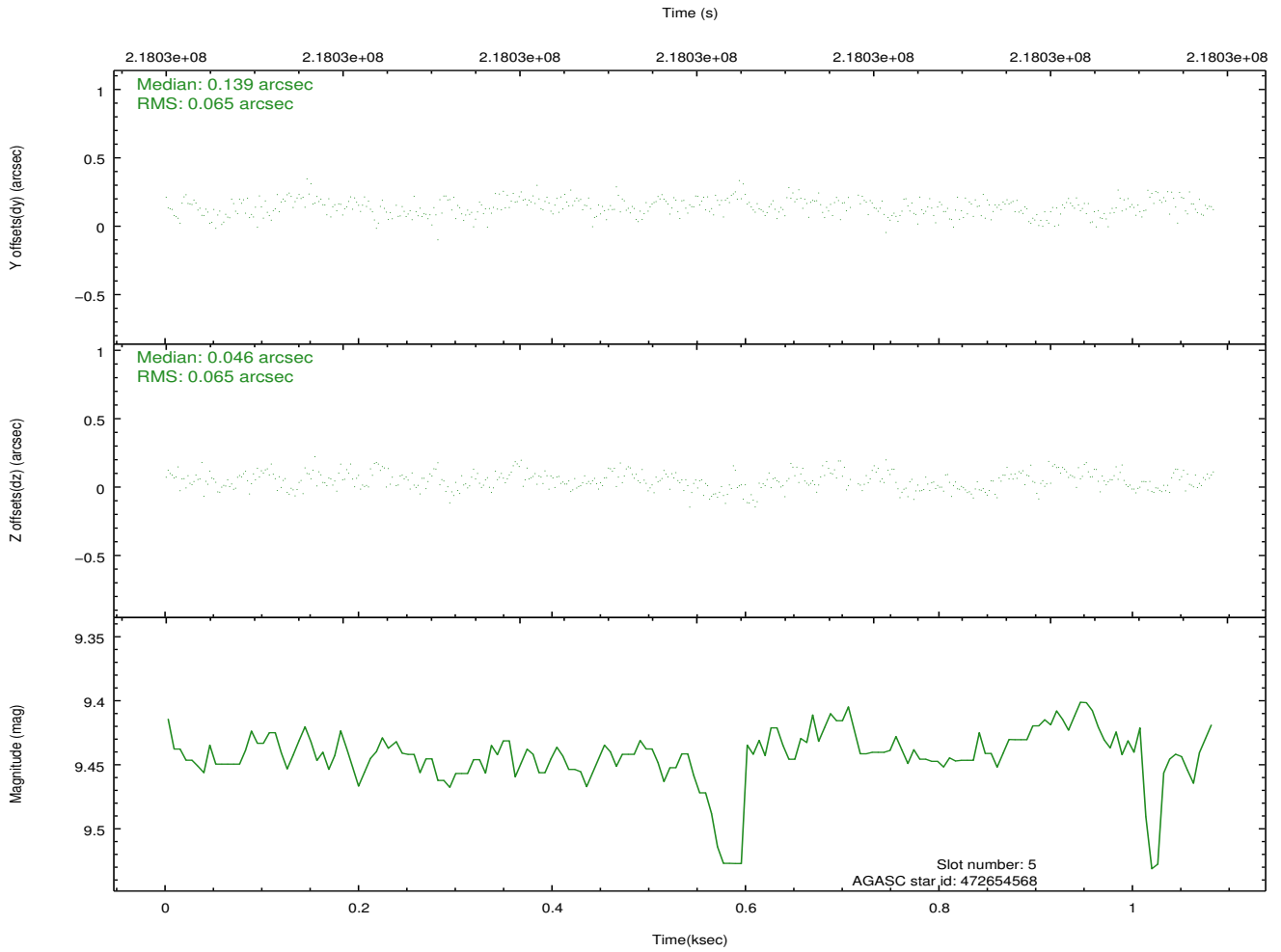
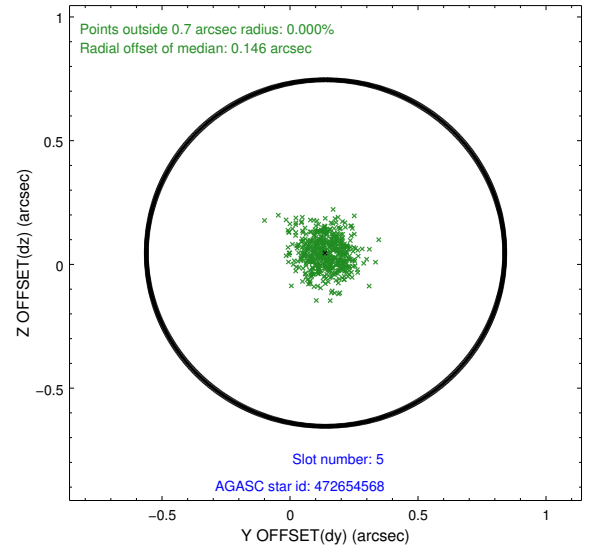
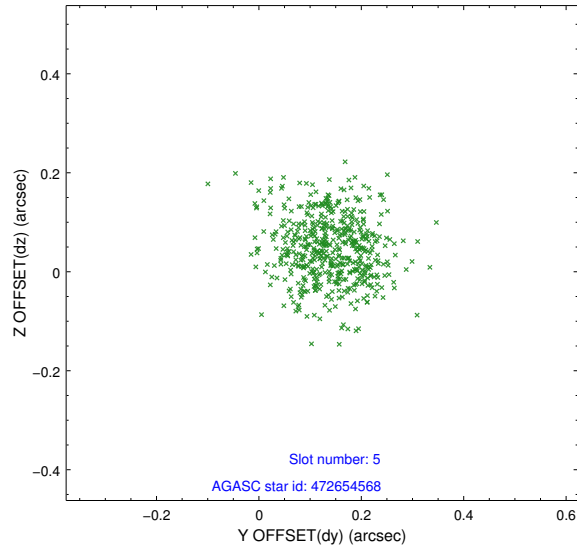
2.4.1 Slot 3



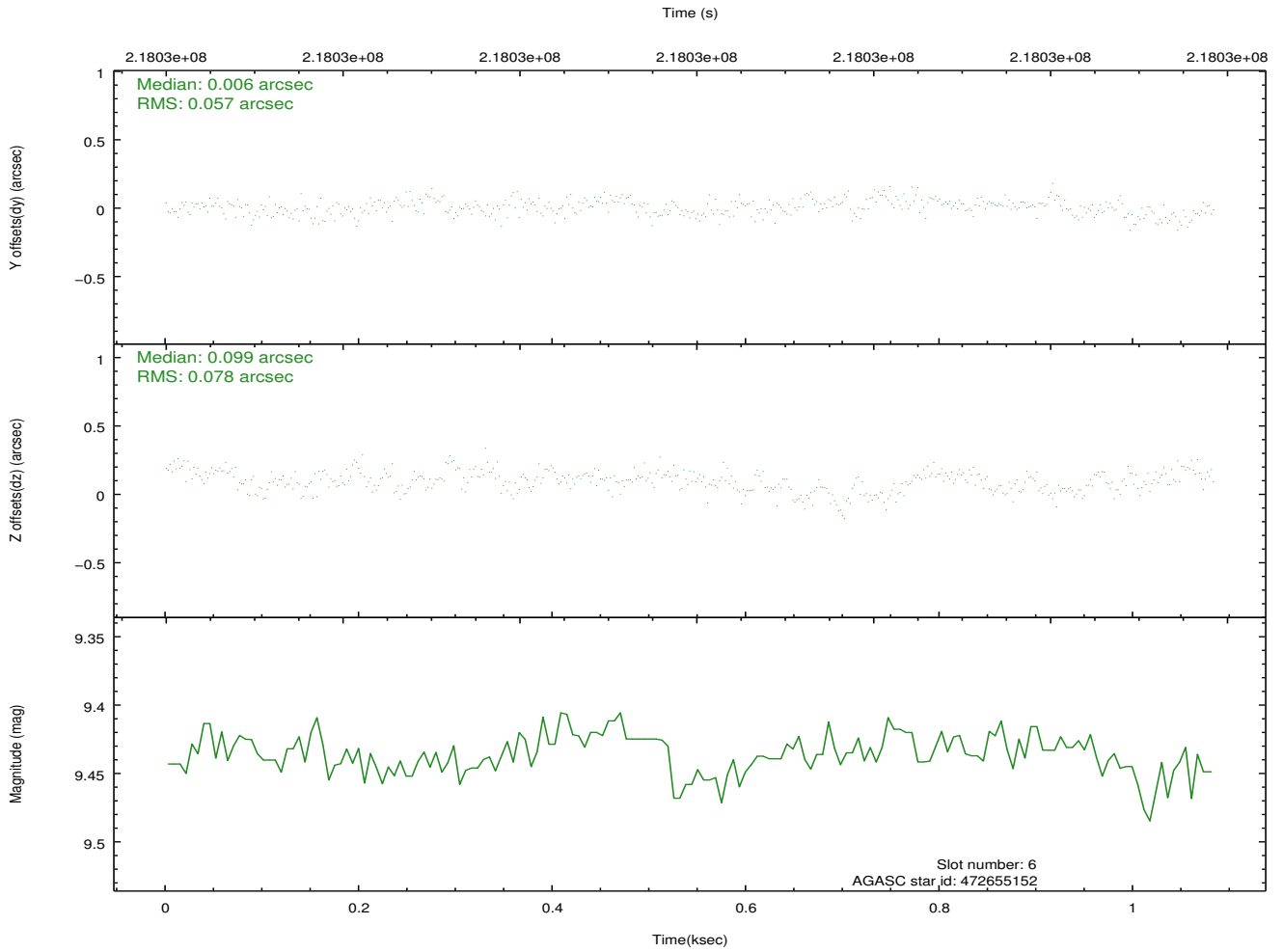
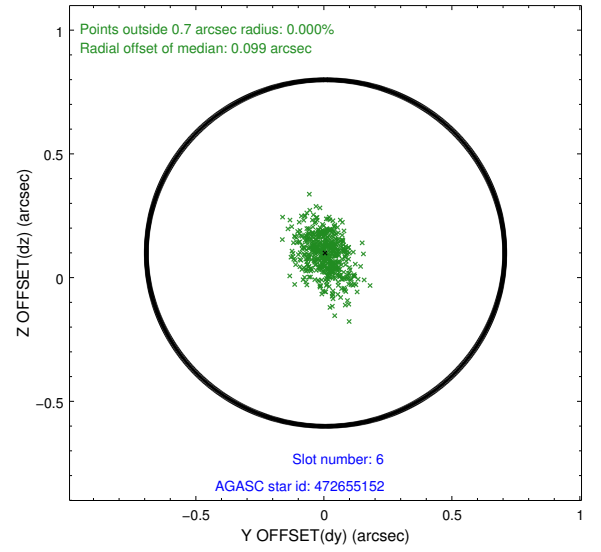
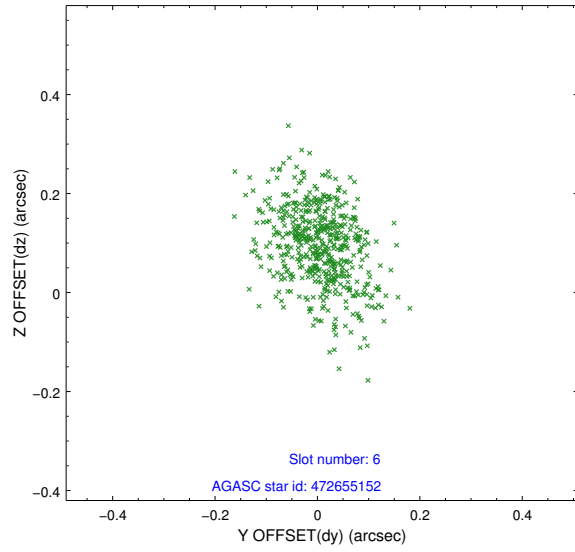
2.4.2 Slot 4



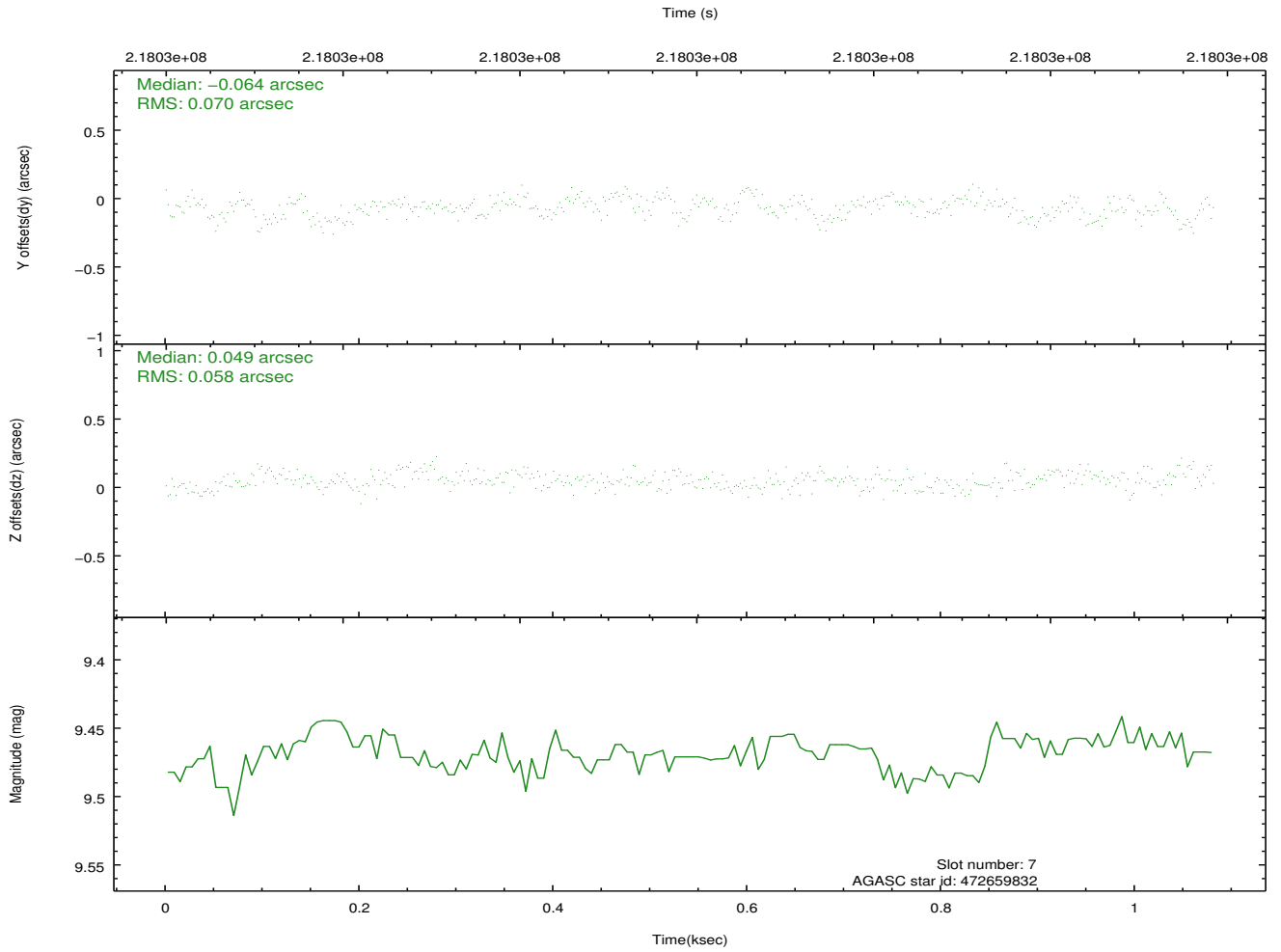
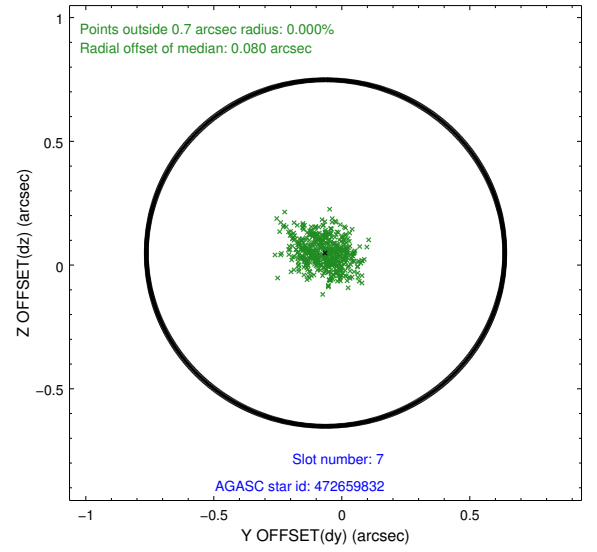
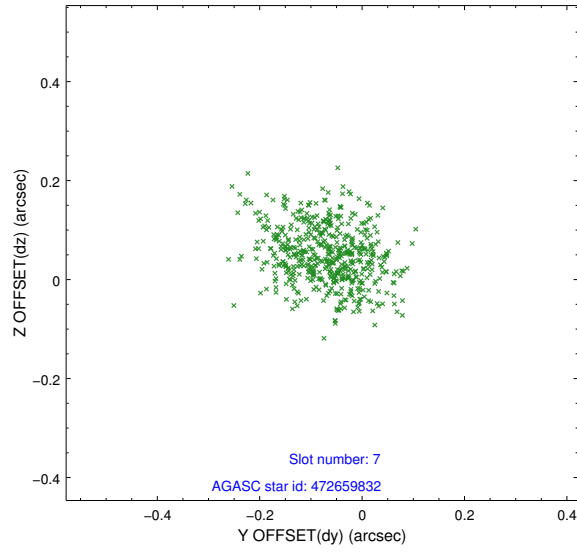
2.4.3 Slot 5



2.4.4 Slot 6

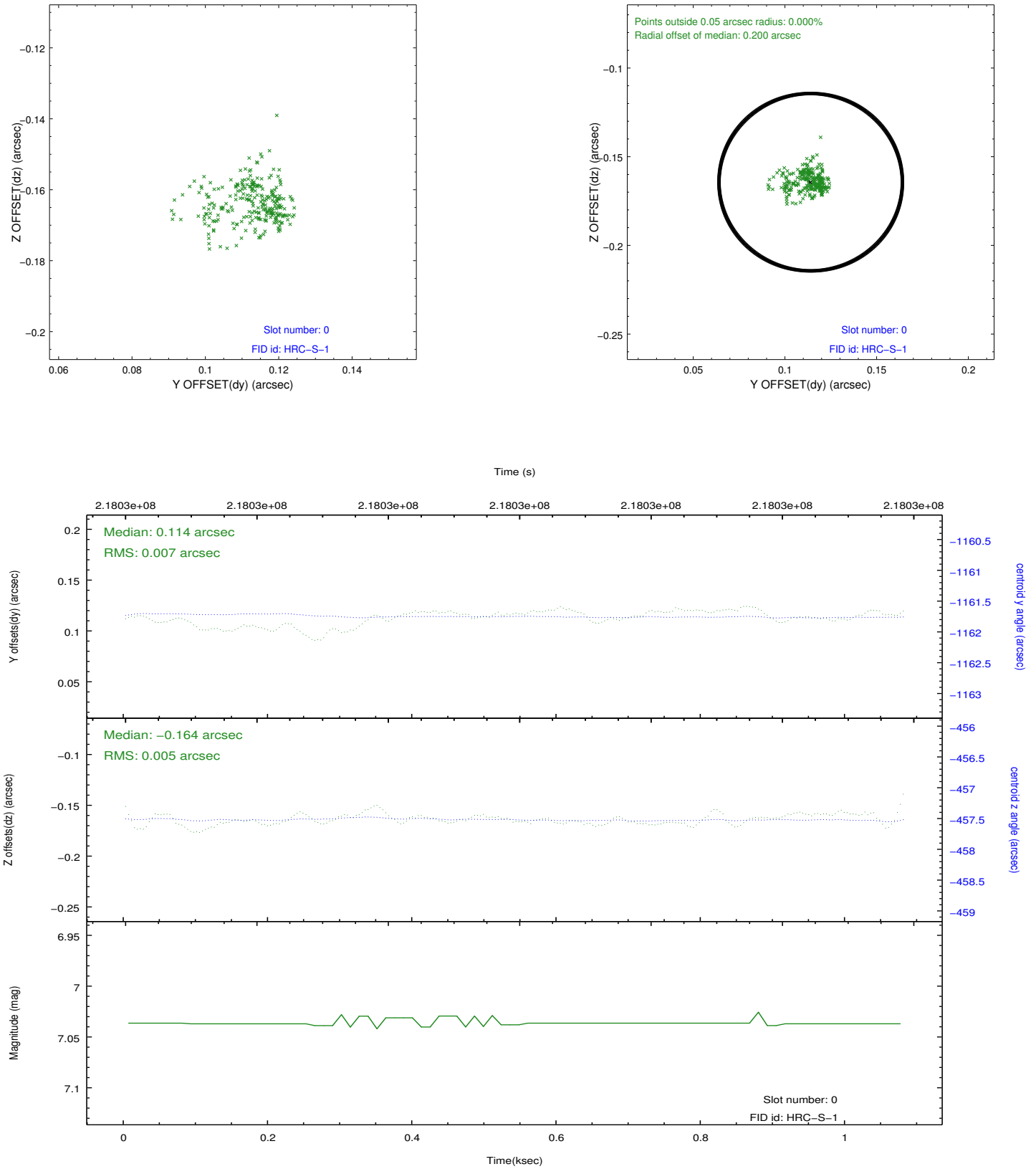


2.4.5 Slot 7

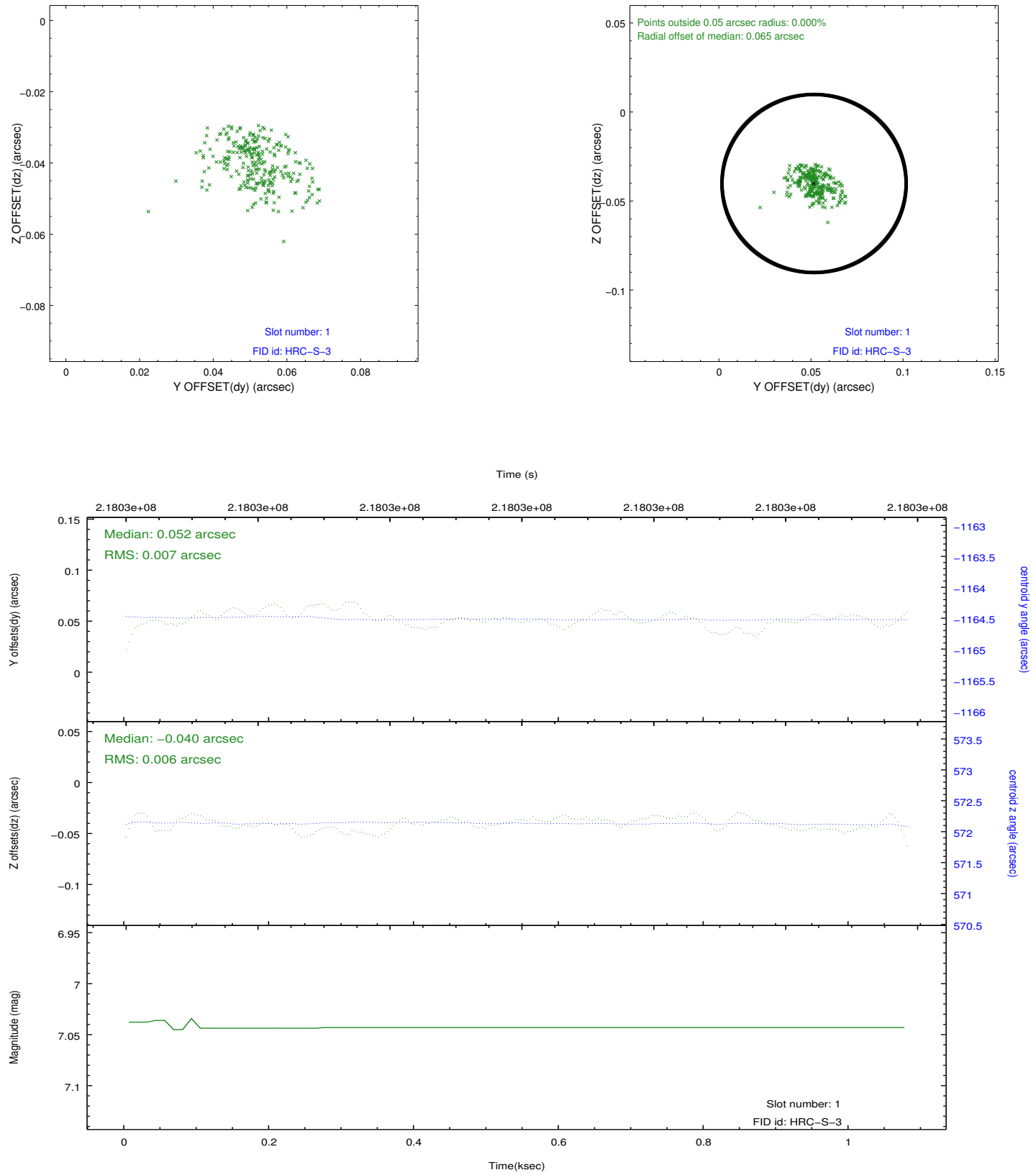


2.5 FID Slots

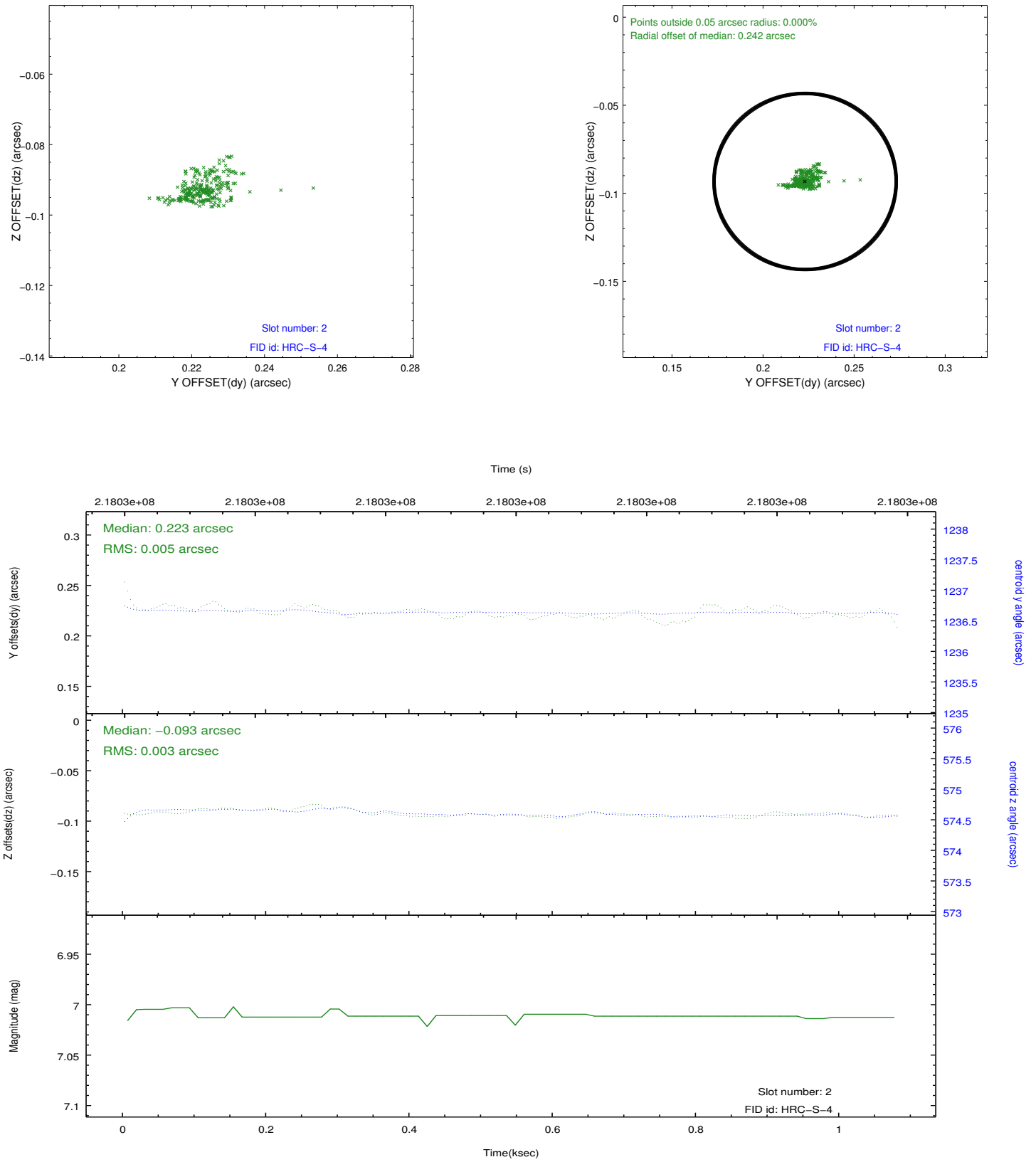
2.5.1 Slot 0



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)	2013.01.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.052931

A.2 Comments