

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6518 - L2 Version 3
Chandra X-Ray Center

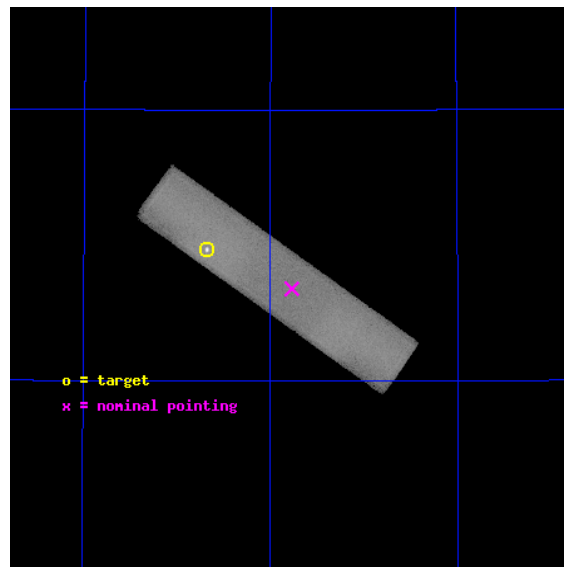
L2 Processing Date : Aug 11 2012

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1 Front

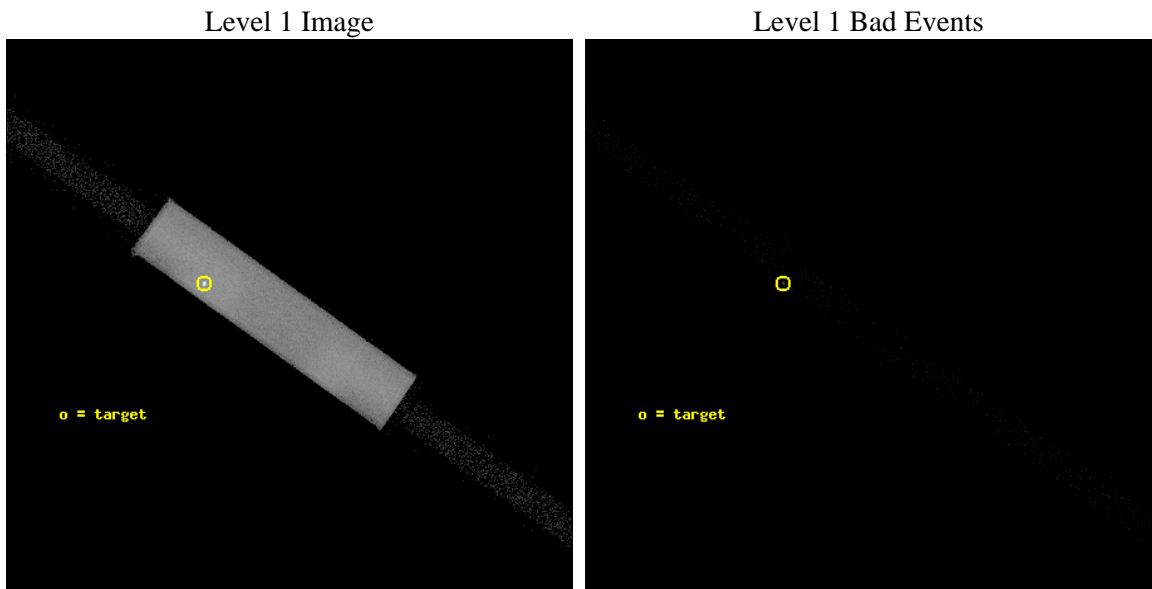
seq_num	290611	Sequence number
obs_id	6518	Observation id
title	AO7B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	331.94247674908	Nominal RA [deg]
dec_nom	45.670488919024	Nominal Dec [deg]
roll_nom	215.3513586757	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1561.3313235044	[s]
livetime	1280.2397810371	Ontime multiplied by DTCOR
l2events	264448	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	1005.045000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1561.3313235044	[s]
caldsver	4.5.1.1	 	l1events	321196	Number of level 1 events
date	2012-08-11T15:12:51	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

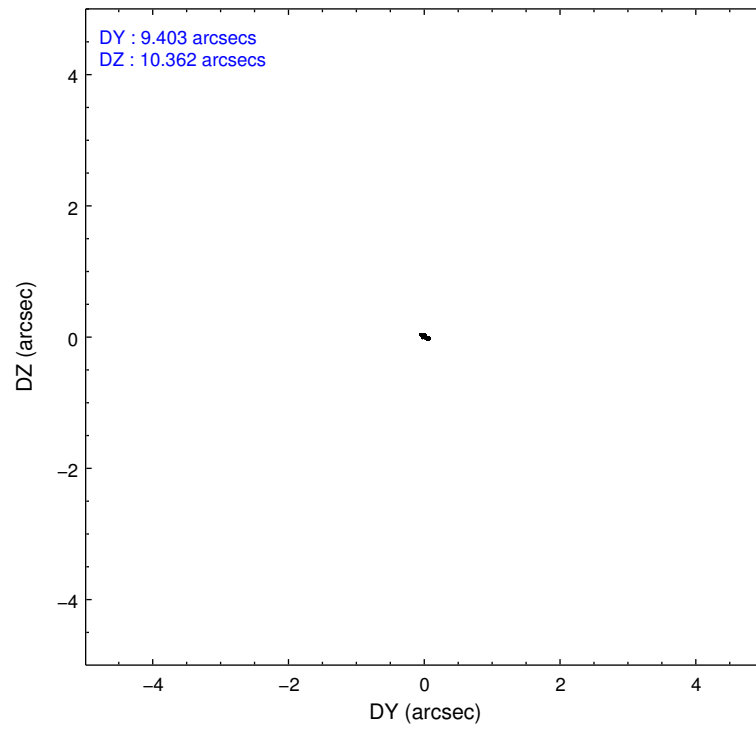
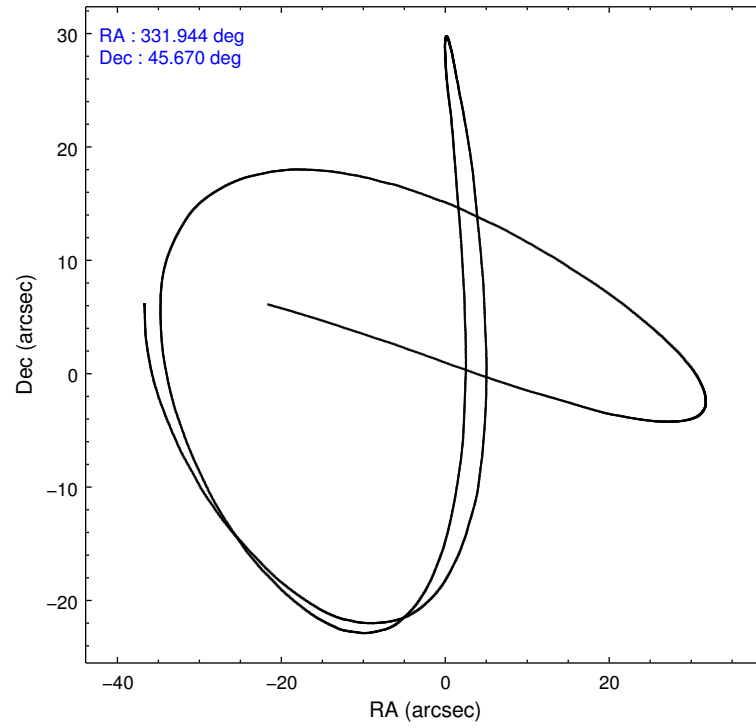
	segment 1	segment 2	segment 3
level 1 events	2028	317389	1779
rejected events	2028	35778	1779
rejected %	100%	11%	100%

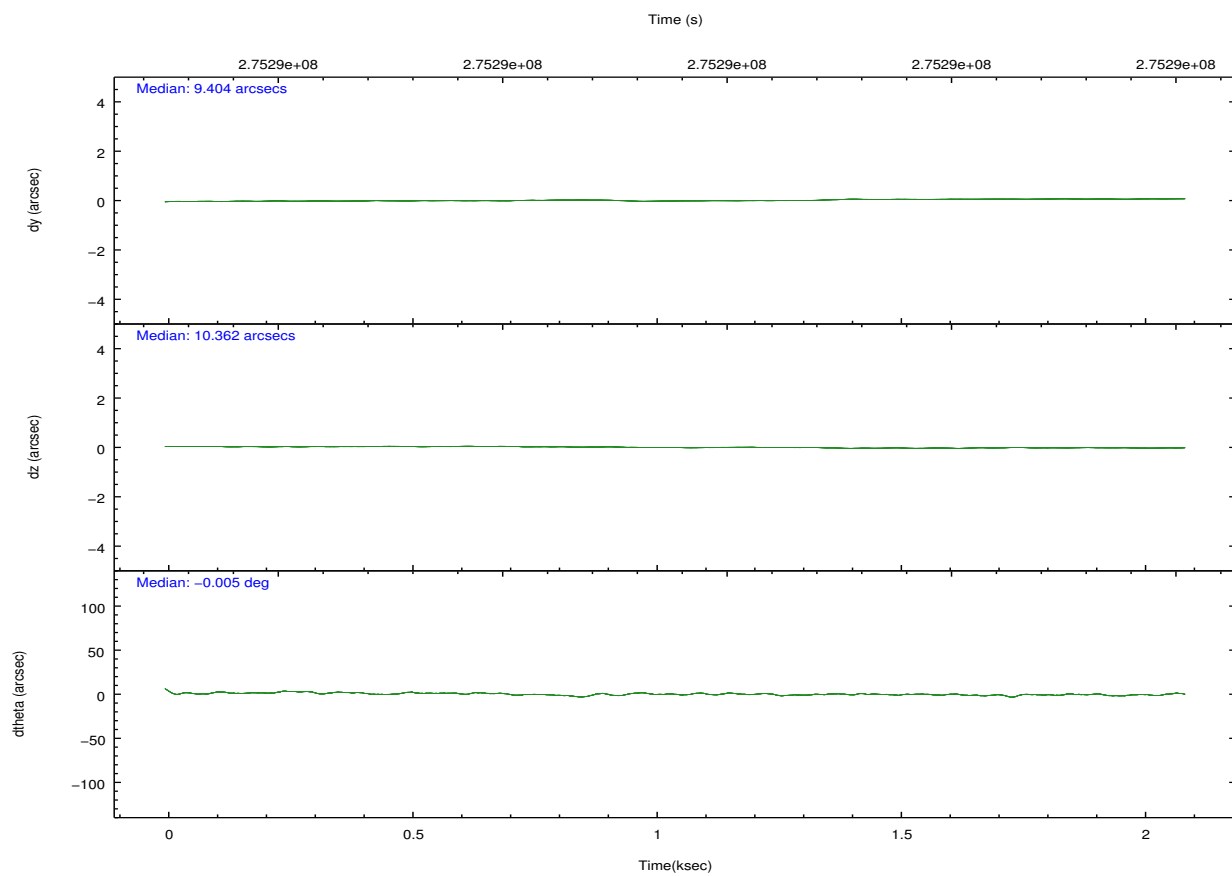
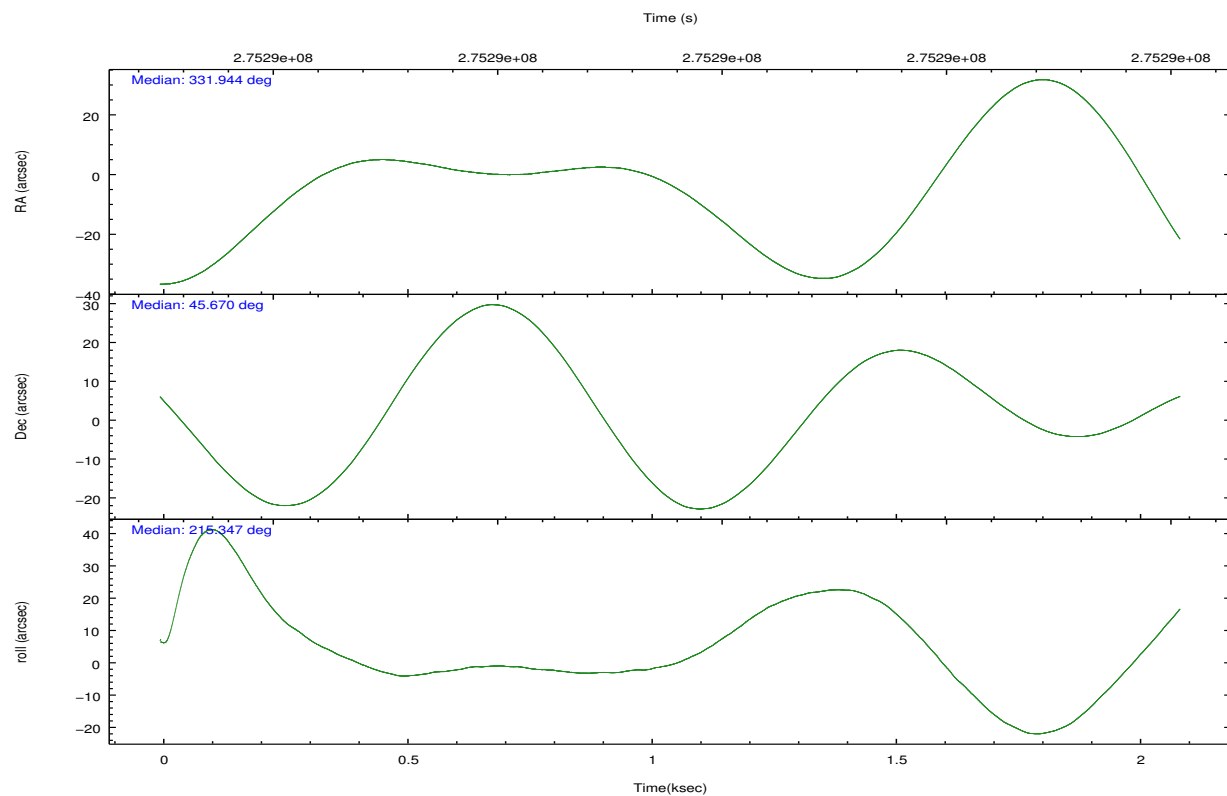
2.2 Compared Parameters

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	331.957099	331.9424767490783
[deg] Pointing Dec	45.697422	45.67048891902372
[deg] Pointing Roll	215.273585	215.351358675701
[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)	275285520.184000	275285144.60627
Observation start date	2006-09-22T04:10:55	2006-09-22T04:05:44
[s] Observation end time (MET)	275286525.184000	275287869.0564
Observation end date	2006-09-22T04:27:40	2006-09-22T04:51:09

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

2.3 Aspect



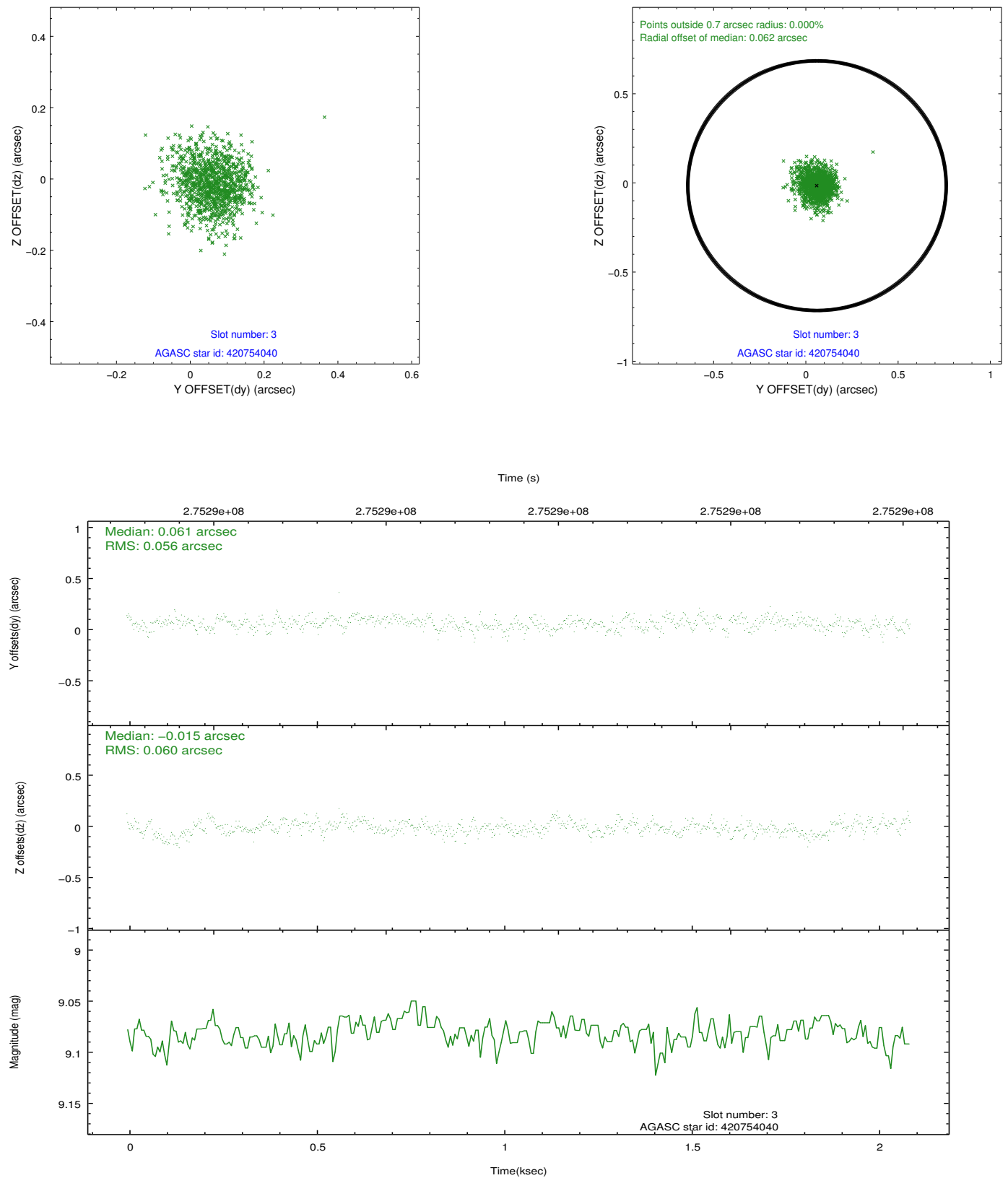


Slot Statistics

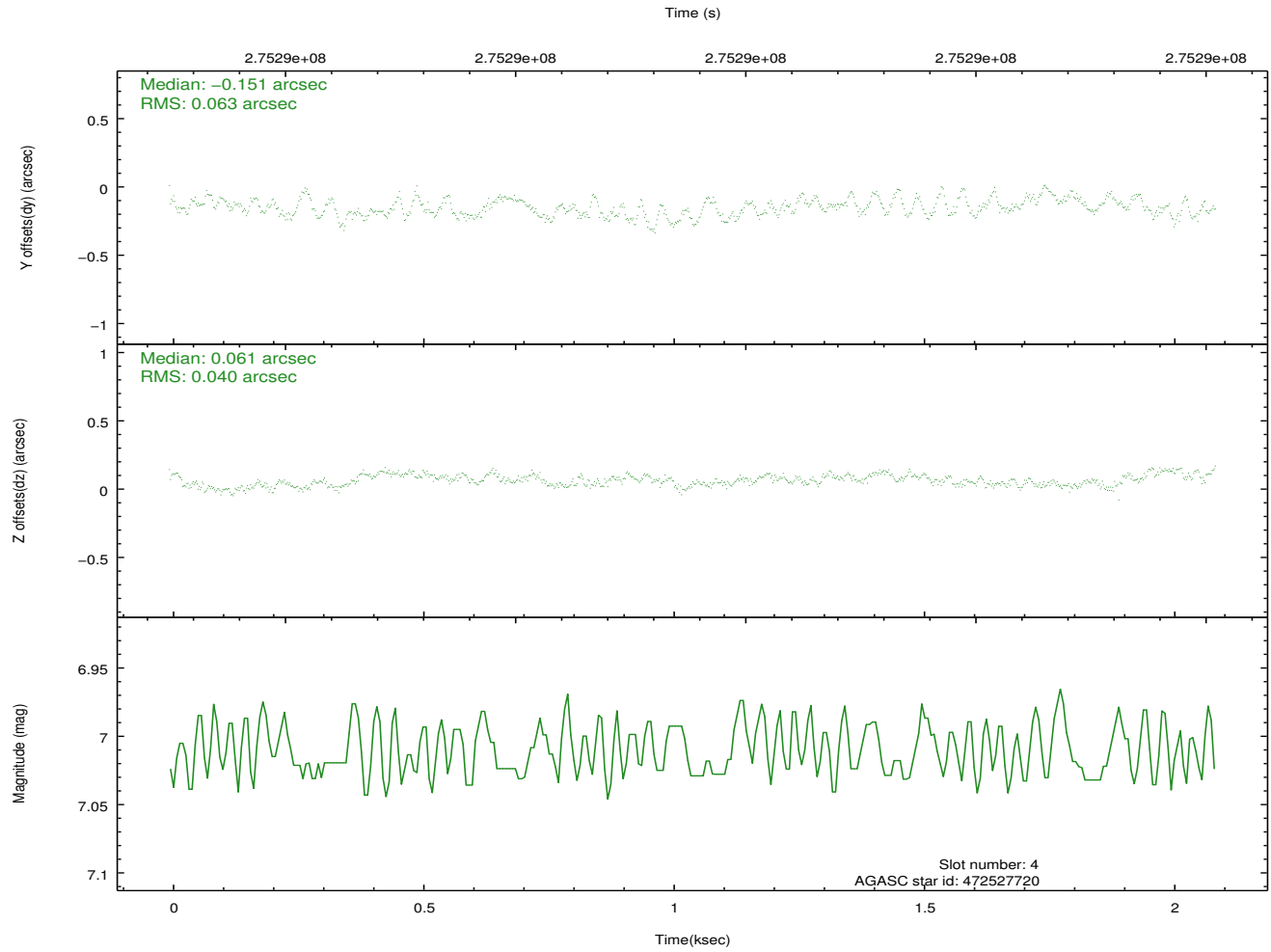
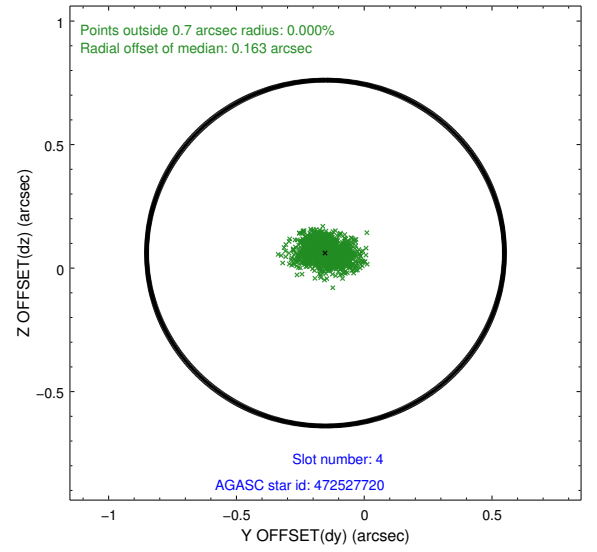
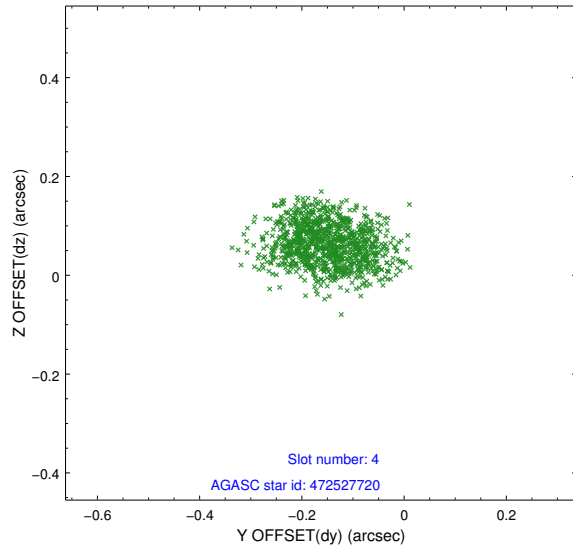
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.07	510	0.095	-0.134	0.005	0.010	0.000000	0.000000	-1163.64	-459.07
1	FID	HRC-S-2	7.05	510	0.098	-0.128	0.012	0.026	0.000000	0.000000	1233.74	-452.54
2	FID	HRC-S-4	7.02	510	0.209	-0.042	0.011	0.023	0.000000	0.000000	1237.10	572.27
3	GUIDE	420754040	9.08	1020	0.061	-0.015	0.087	0.142	331.917939	44.882543	1775.52	2335.87
4	GUIDE	472527720	7.01	1020	-0.151	0.061	0.079	0.129	331.460205	45.112509	2246.60	987.63
5	GUIDE	472533912	9.15	1020	-0.014	0.065	0.110	0.179	331.791136	46.368695	-1056.27	-2212.14
6	GUIDE	472655152	9.43	1018	0.028	-0.059	0.094	0.153	332.504239	45.862991	-1467.06	297.69
7	GUIDE	472523760	8.23	1018	0.079	-0.055	0.068	0.113	331.645363	45.403260	1253.33	406.81

2.4 Star Slots

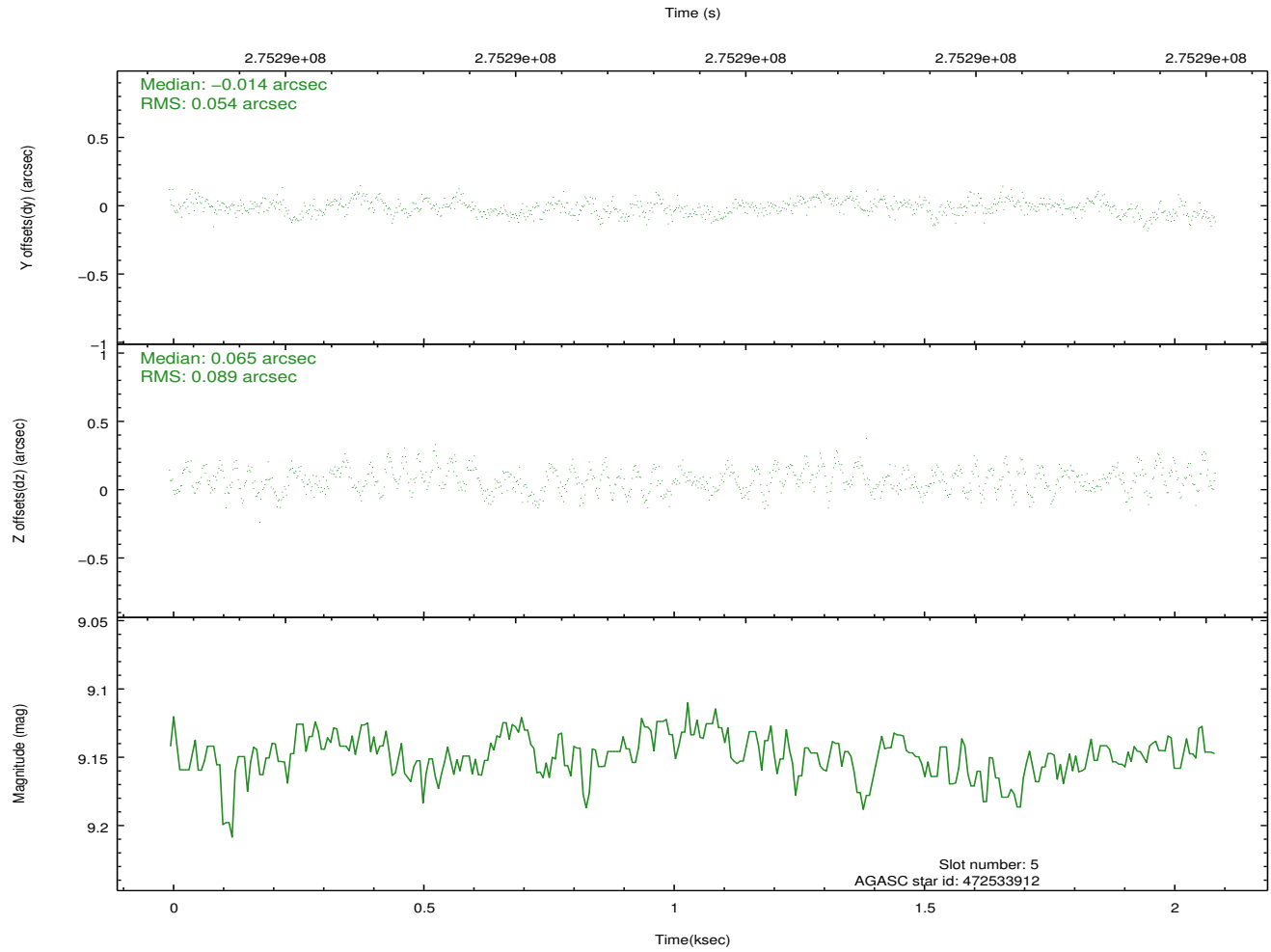
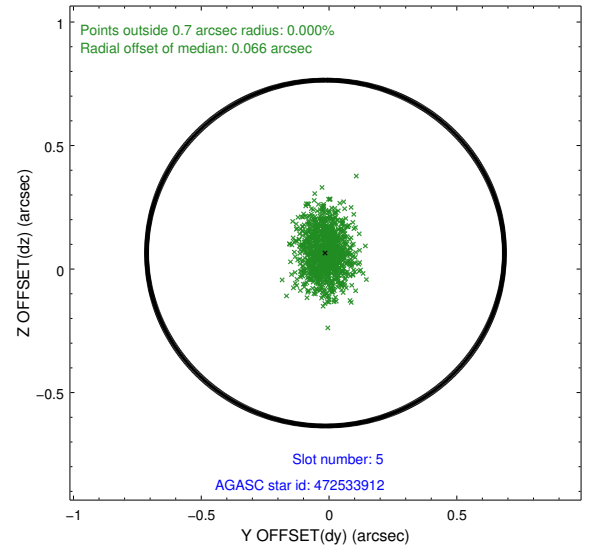
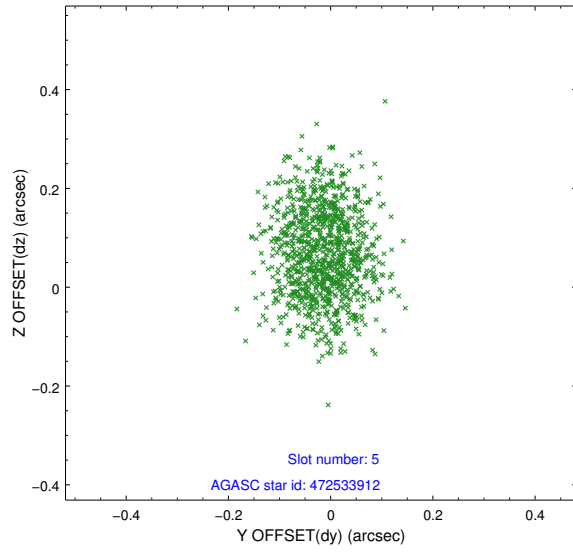
2.4.1 Slot 3



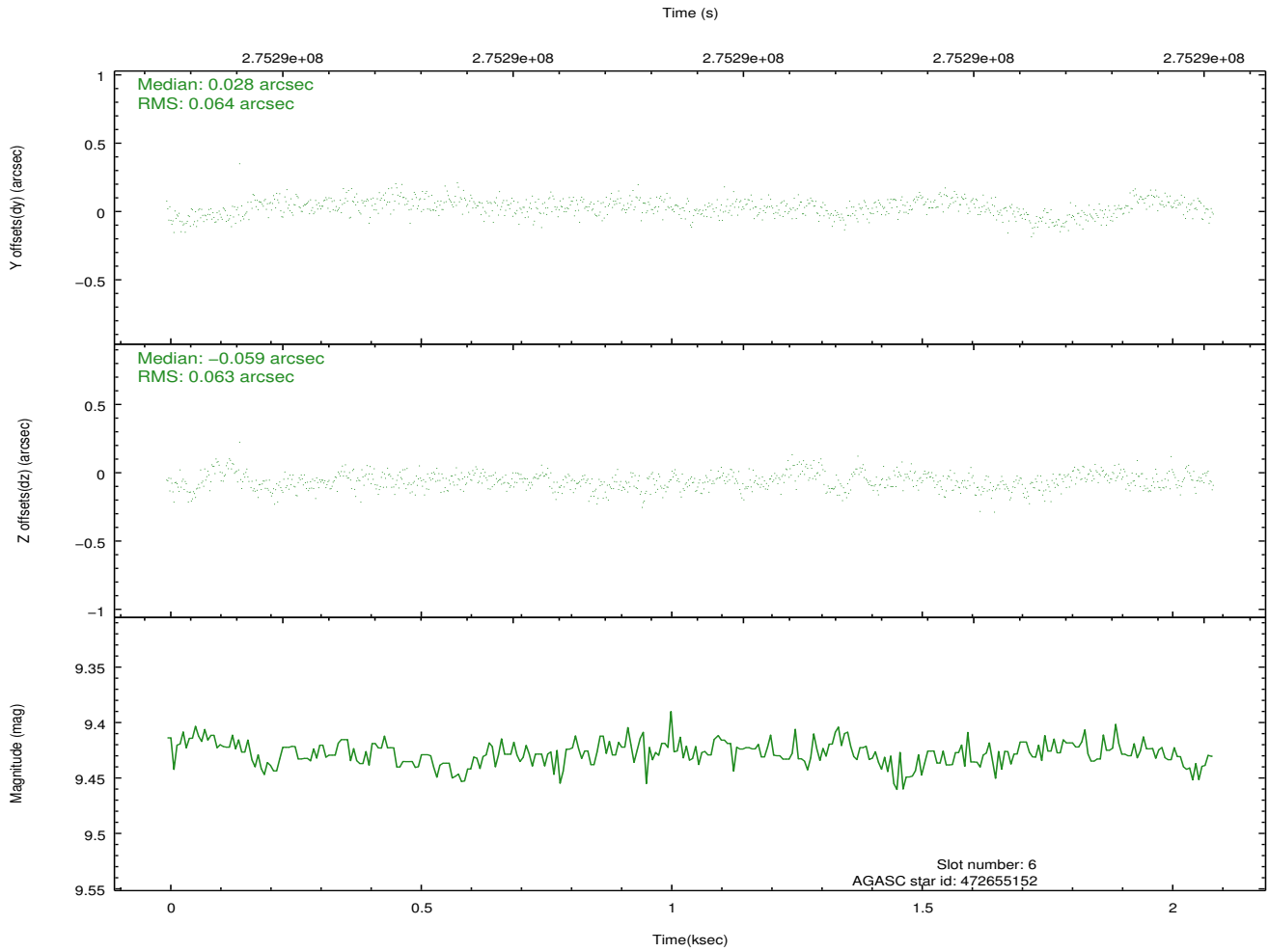
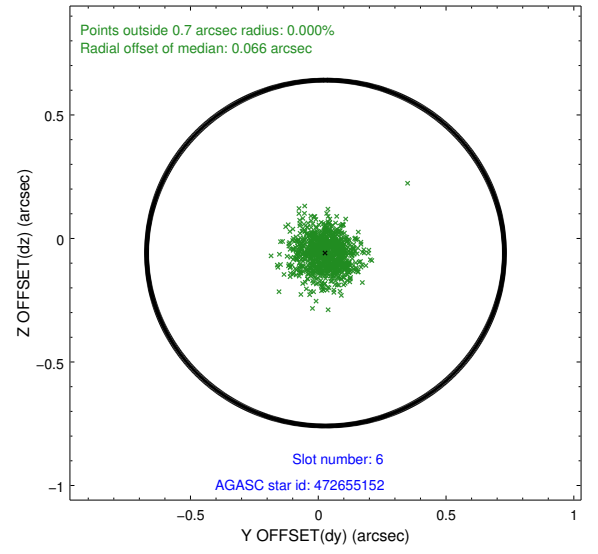
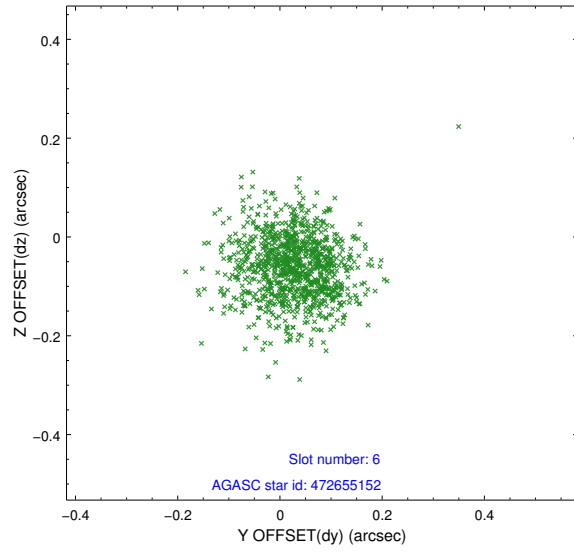
2.4.2 Slot 4



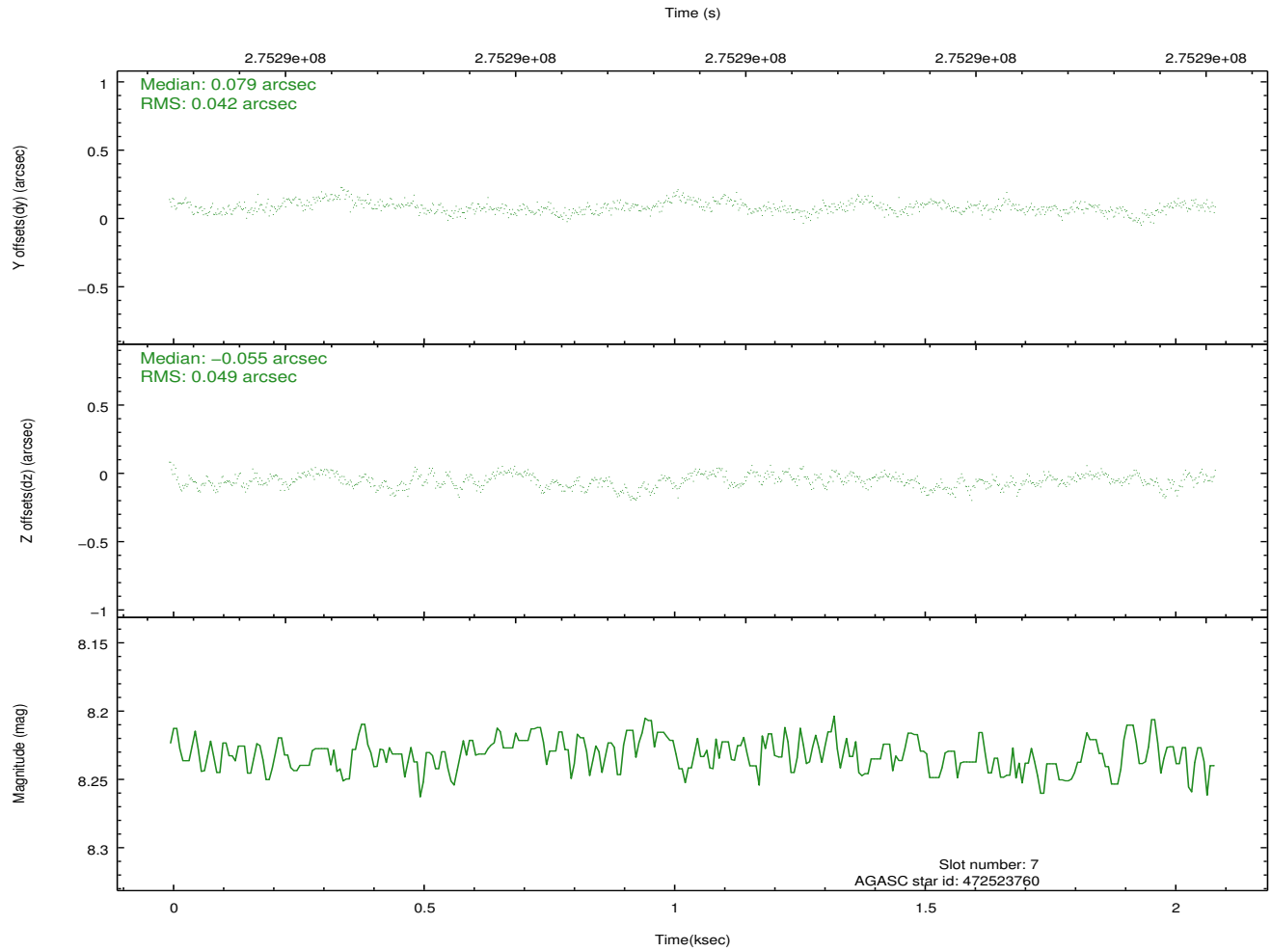
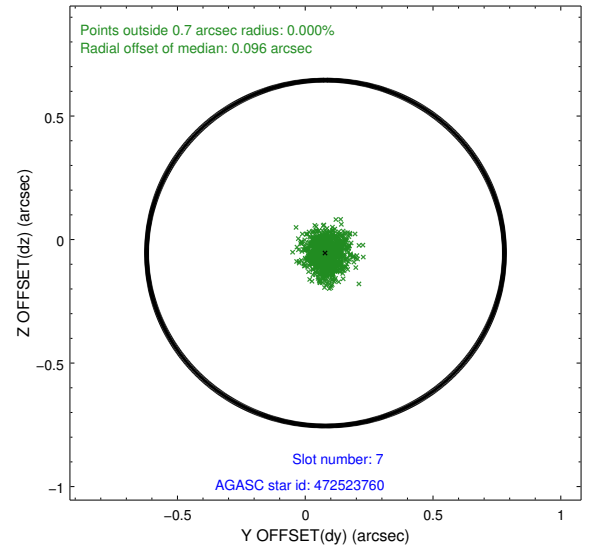
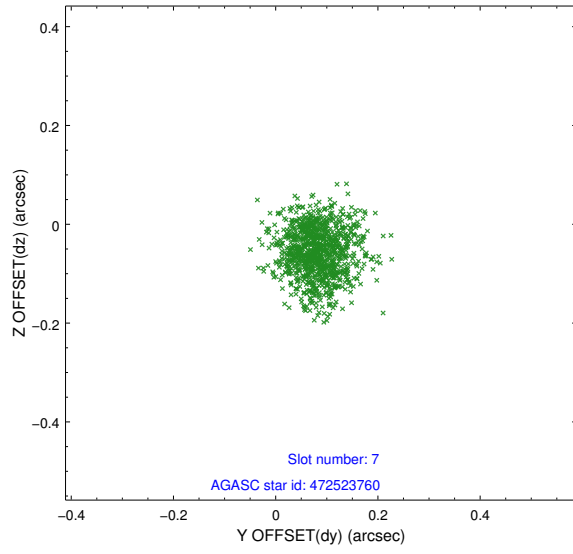
2.4.3 Slot 5



2.4.4 Slot 6

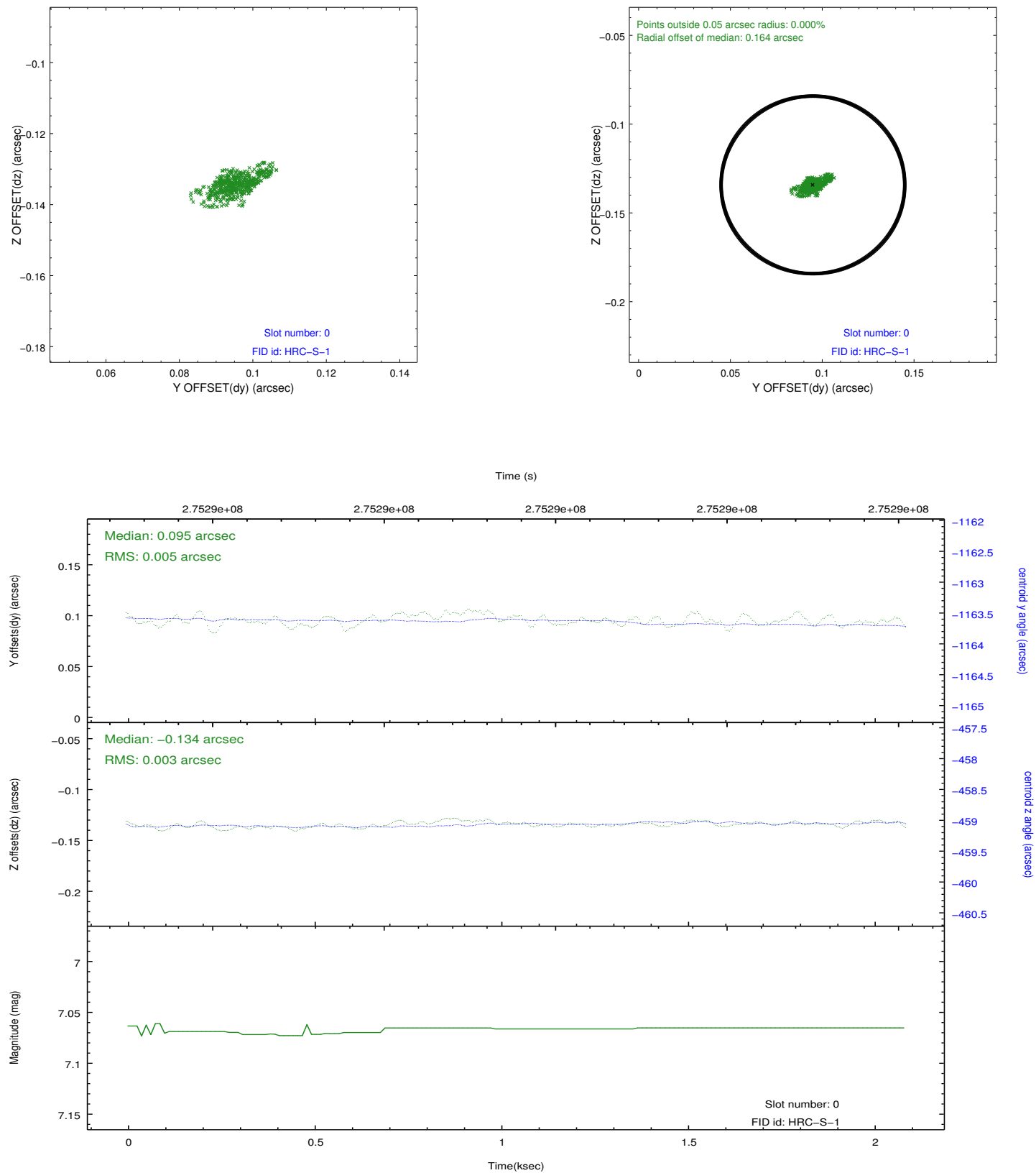


2.4.5 Slot 7

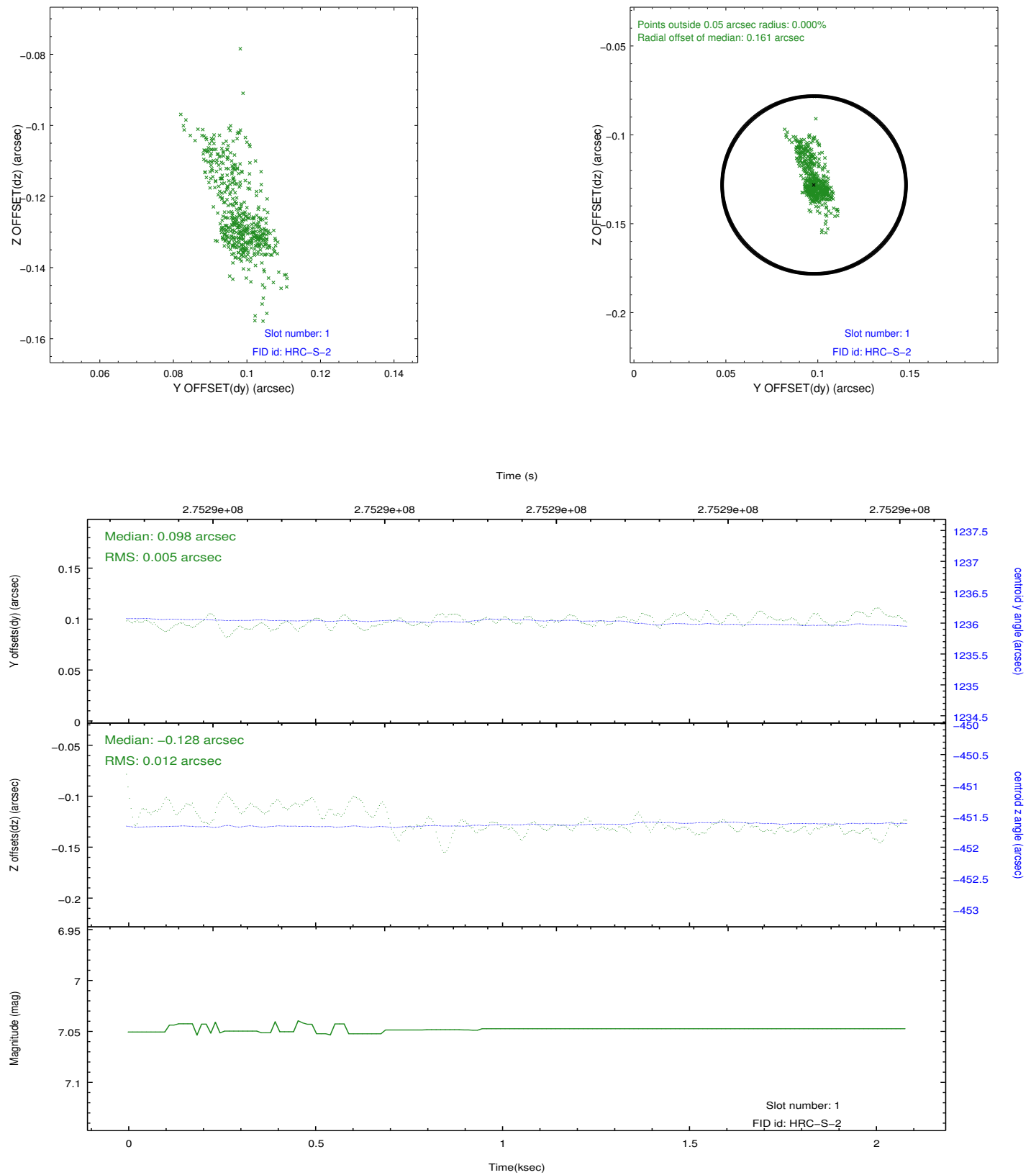


2.5 FID Slots

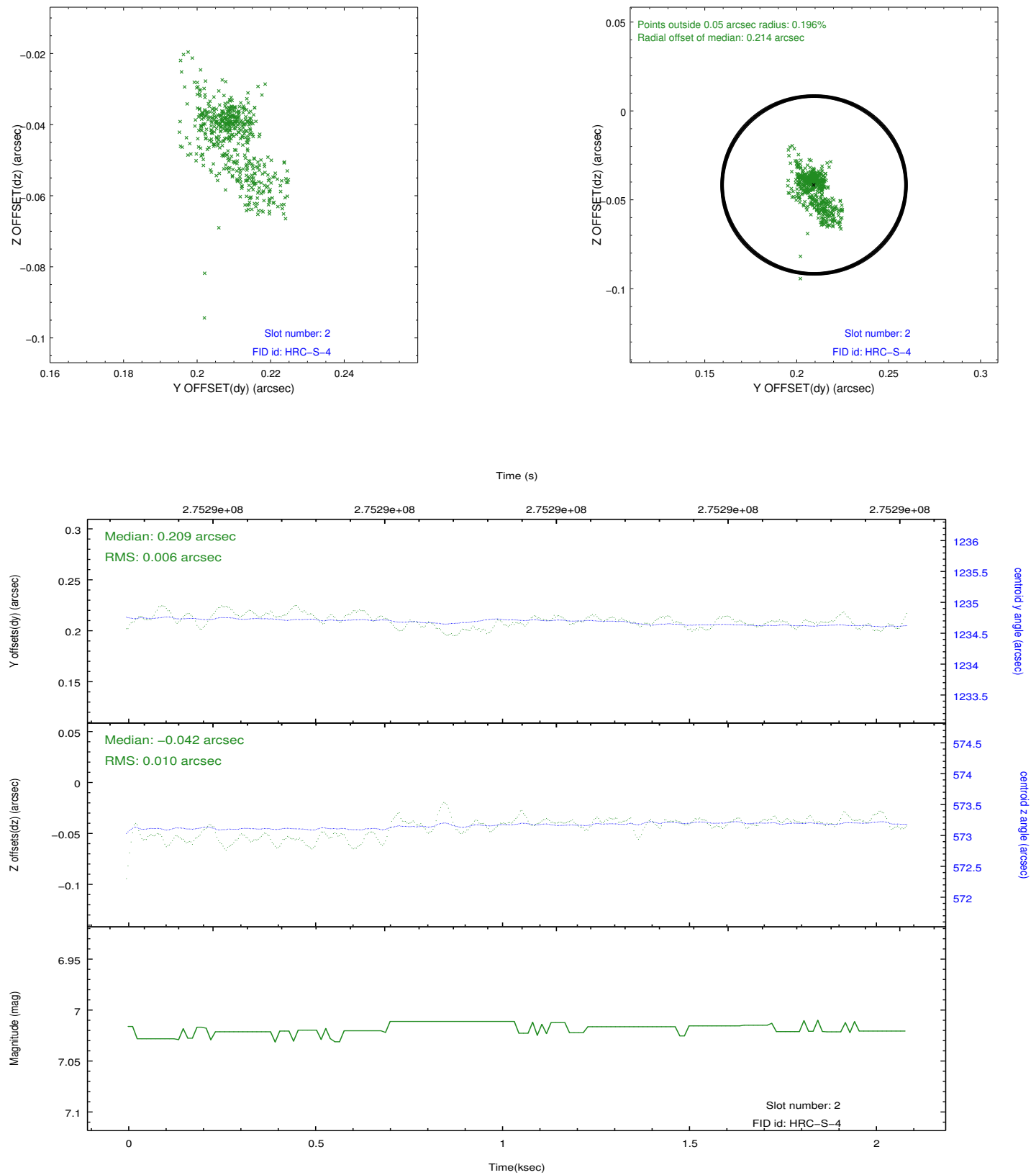
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.56133132

A.2 Comments