

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6486 - L2 Version 3
Chandra X-Ray Center

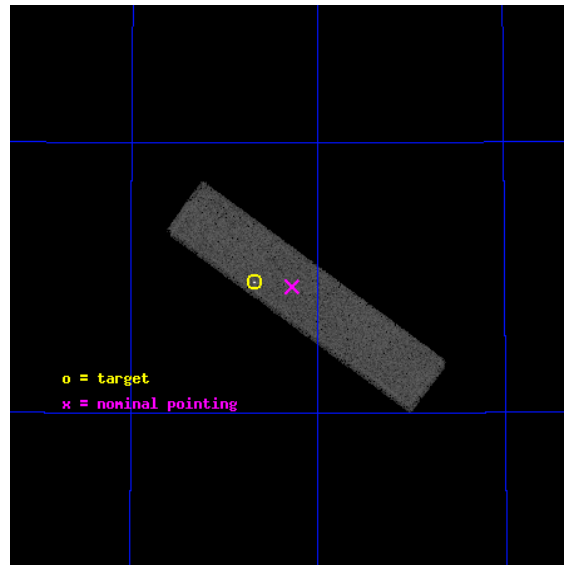
L2 Processing Date : Aug 11 2012

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1 Front

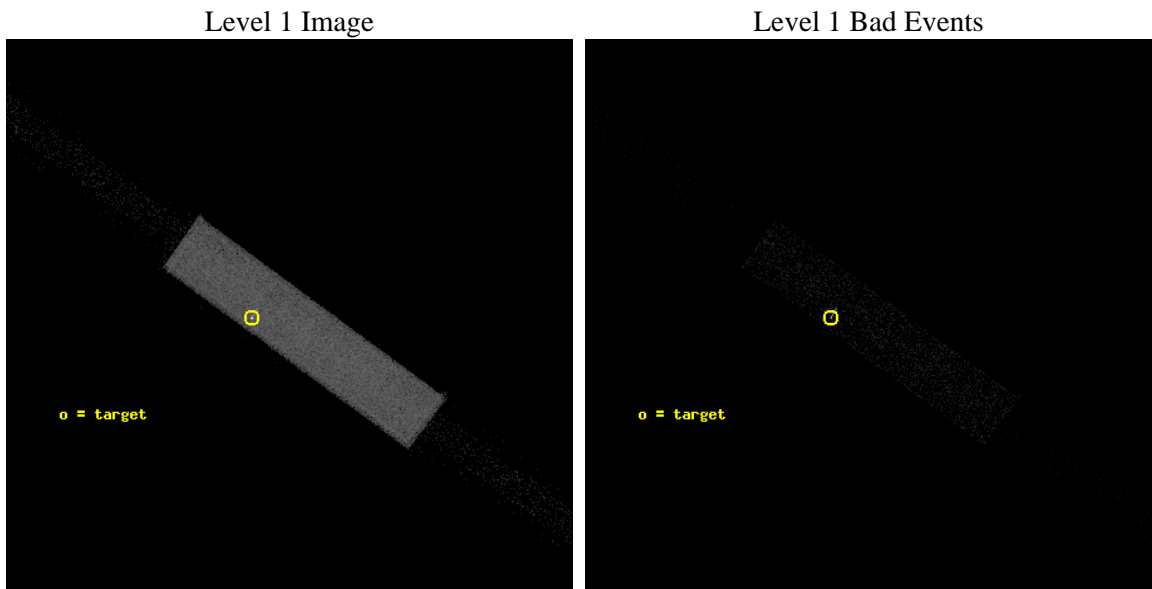
seq_num	290579	Sequence number
obs_id	6486	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.06975283693	Nominal RA [deg]
dec_nom	45.733971439342	Nominal Dec [deg]
roll_nom	36.054883638867	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1151.3313035667	[s]
livetime	1141.6112379909	Ontime multiplied by DTCOR
l2events	69813	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	1151.3313035667	[s]
caldbver	4.5.1.1	 	l1events	107405	Number of level 1 events
date	2012-08-11T05:27:09	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

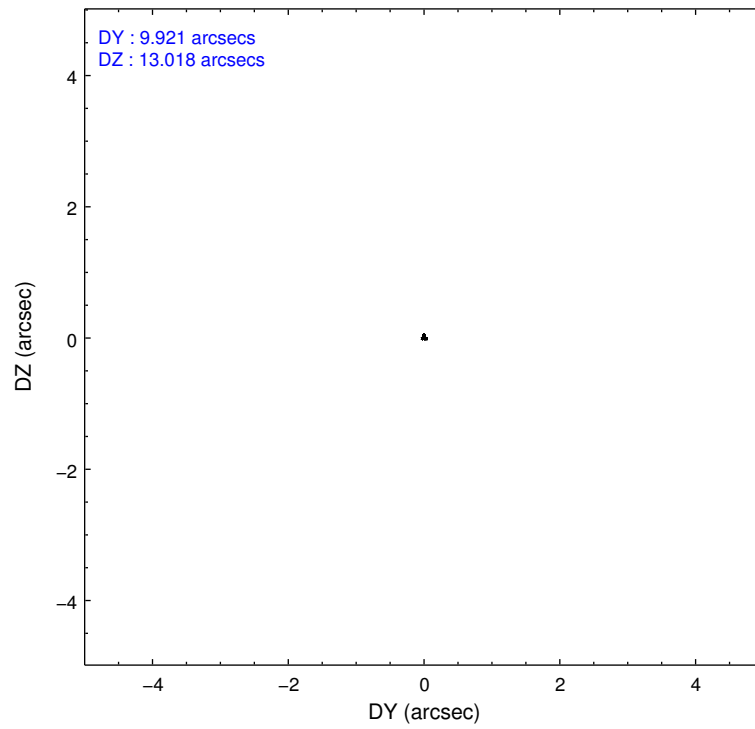
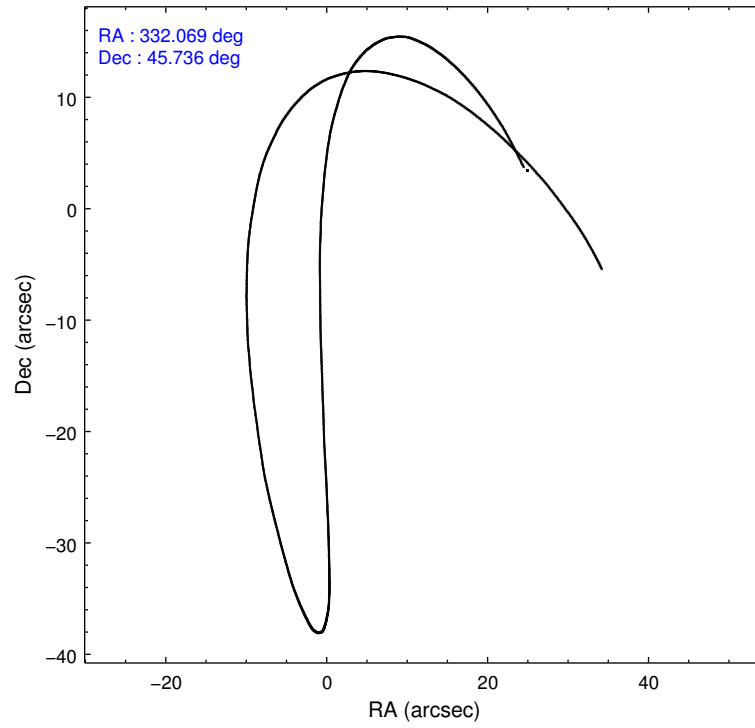
	segment 1	segment 2	segment 3
level 1 events	839	105731	835
rejected events	839	22976	835
rejected %	100%	21%	100%

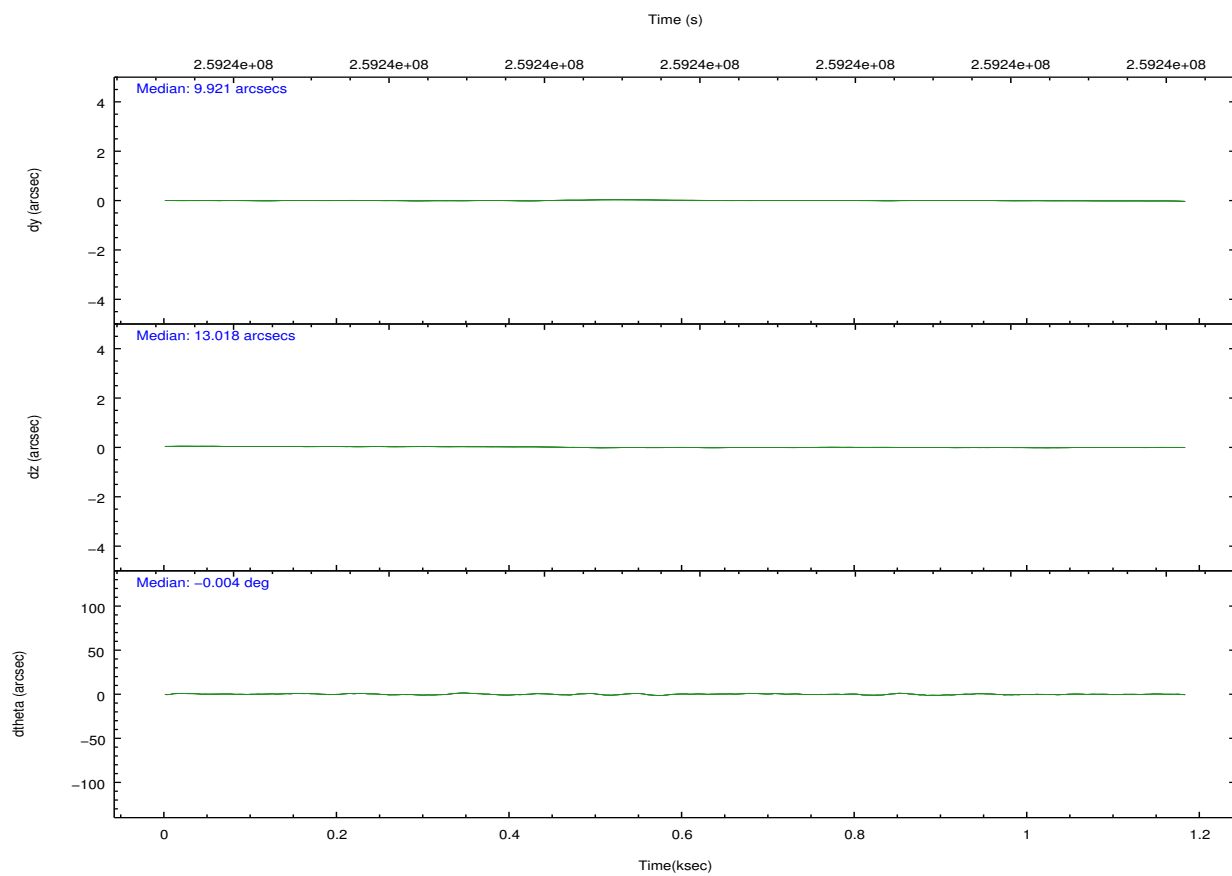
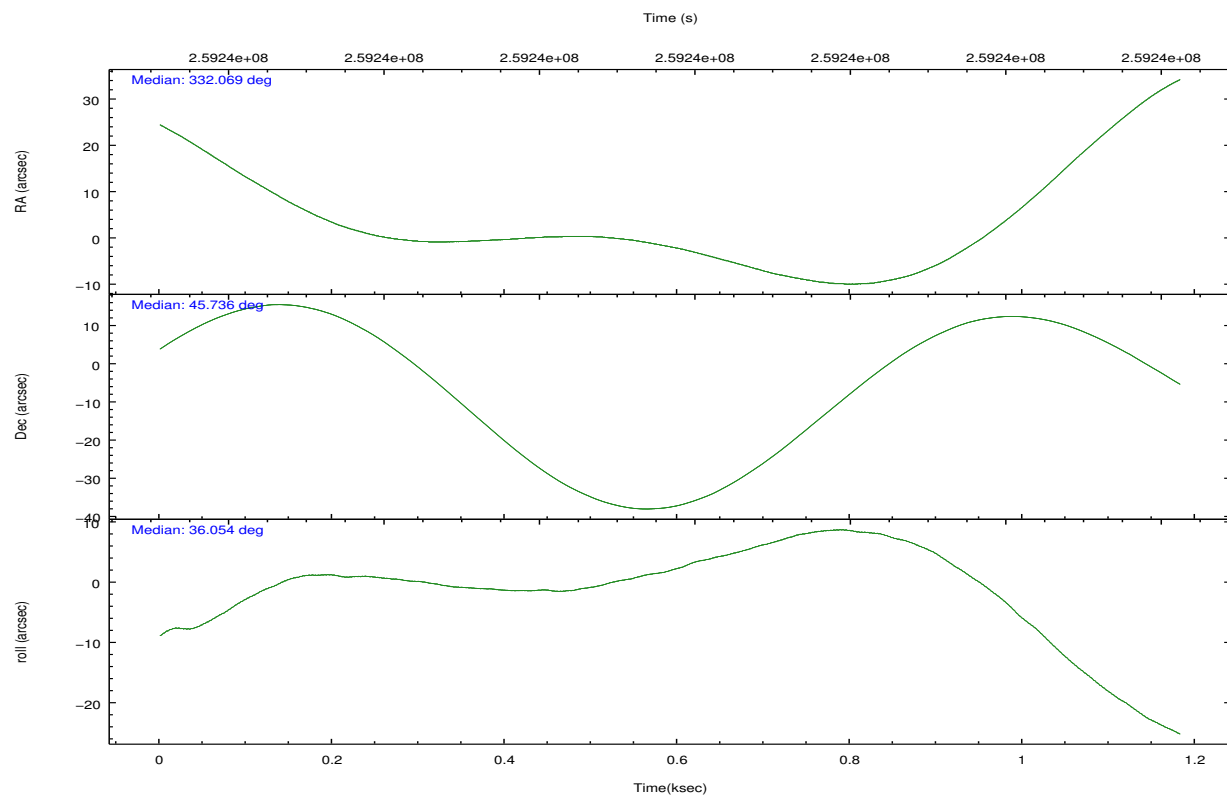
2.2 Compared Parameters

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	332.055427	332.0697528369311
[deg] Pointing Dec	45.706118	45.73397143934228
[deg] Pointing Roll	35.997768	36.05488363886668
[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)	259235559.184000	259235183.40542
Observation start date	2006-03-20T09:51:34	2006-03-20T09:46:23
[s] Observation end time (MET)	259236559.184000	259236693.23049
Observation end date	2006-03-20T10:08:14	2006-03-20T10:11:33

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

2.3 Aspect



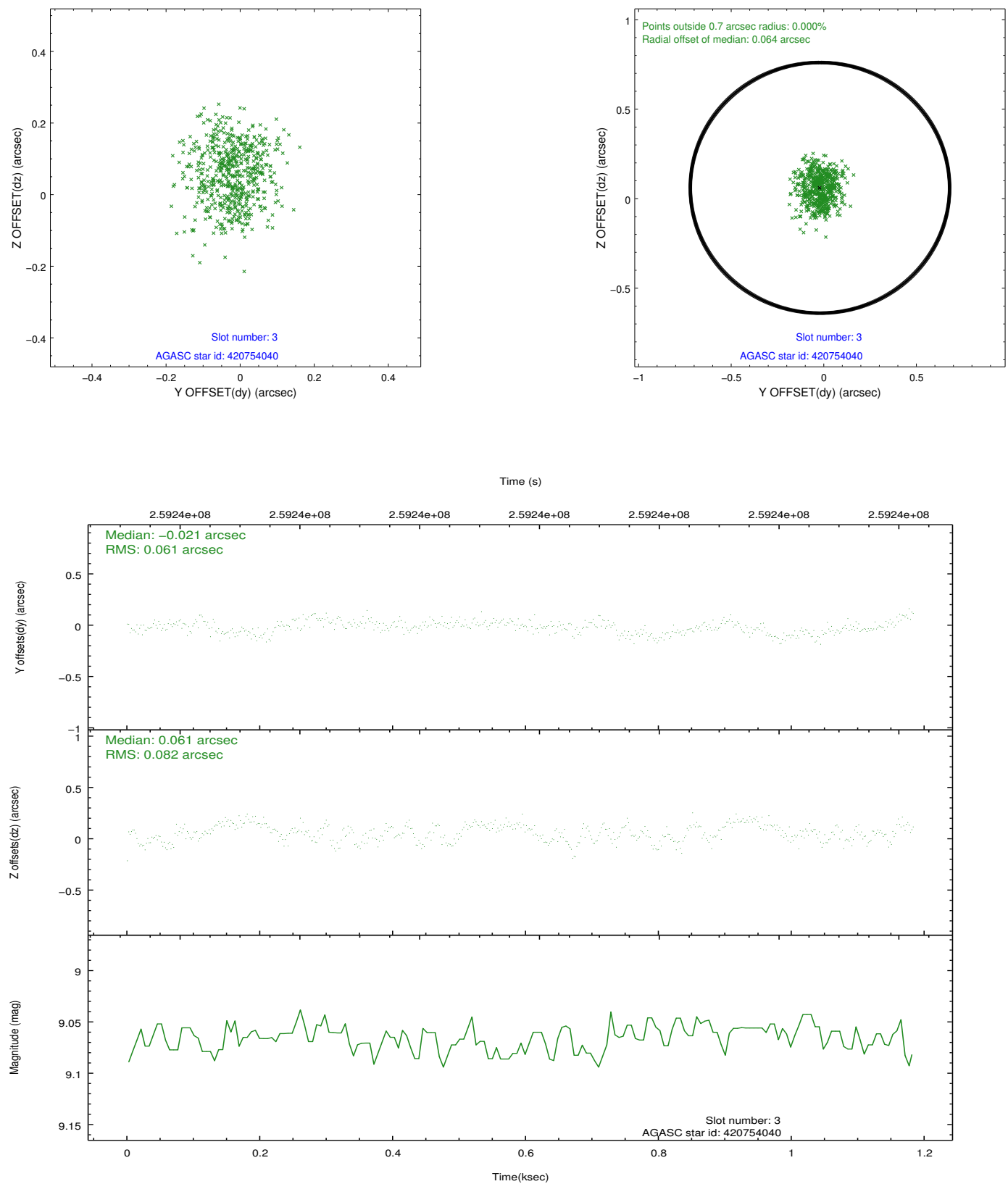


Slot Statistics

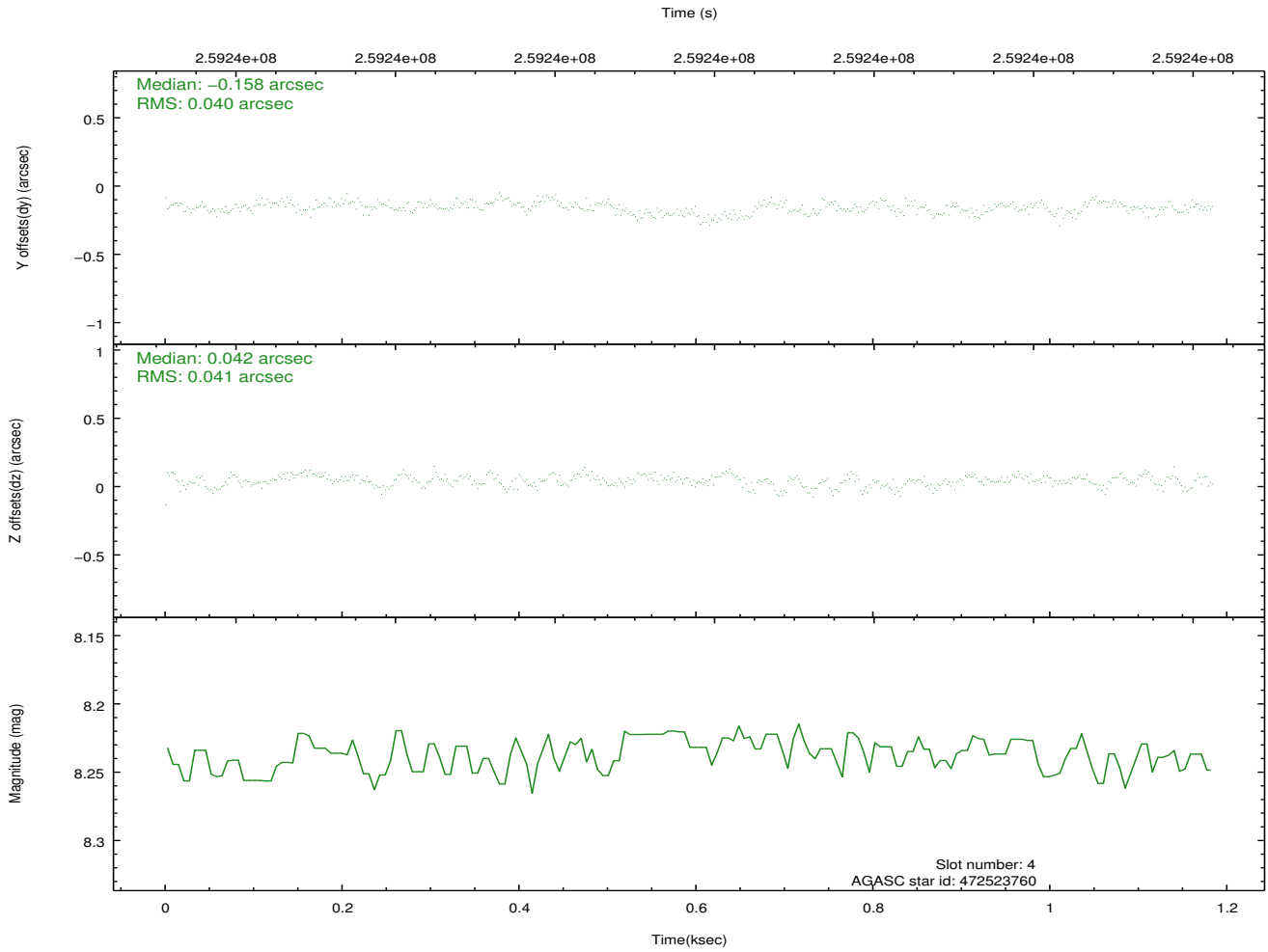
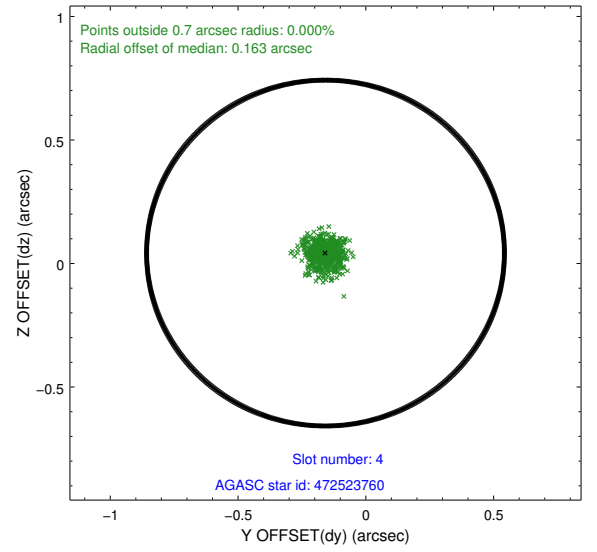
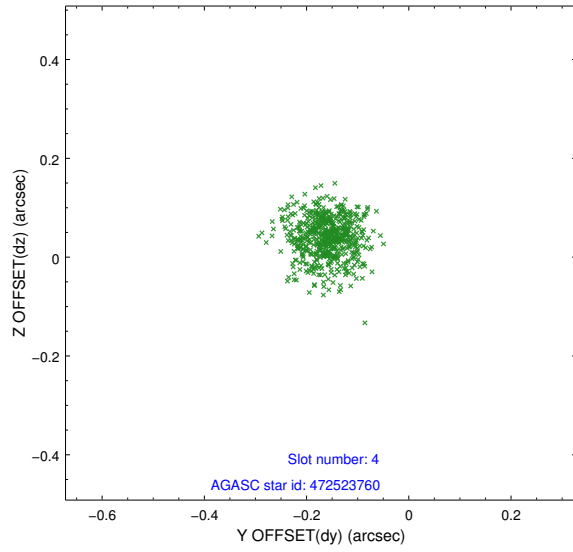
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.06	289	0.129	-0.154	0.008	0.011	0.000000	0.000000	-1164.12	-461.81
1	FID	HRC-S-2	7.05	289	0.134	-0.102	0.004	0.008	0.000000	0.000000	1231.51	-455.97
2	FID	HRC-S-3	7.06	289	0.127	-0.047	0.007	0.012	0.000000	0.000000	-1162.60	566.24
3	GUIDE	420754040	9.07	578	-0.021	0.061	0.111	0.171	331.917939	44.882543	-2026.89	-2196.43
4	GUIDE	472523760	8.24	578	-0.158	0.042	0.062	0.102	331.645363	45.403260	-1482.93	-278.36
5	GUIDE	472525528	6.62	578	0.008	-0.085	0.067	0.113	331.551102	45.248694	-2003.56	-582.19
6	GUIDE	472533912	9.16	578	-0.001	-0.113	0.114	0.175	331.791136	46.368695	866.56	2311.66
7	GUIDE	472655152	9.44	575	0.176	0.102	0.121	0.205	332.504239	45.862991	1244.39	-201.63

2.4 Star Slots

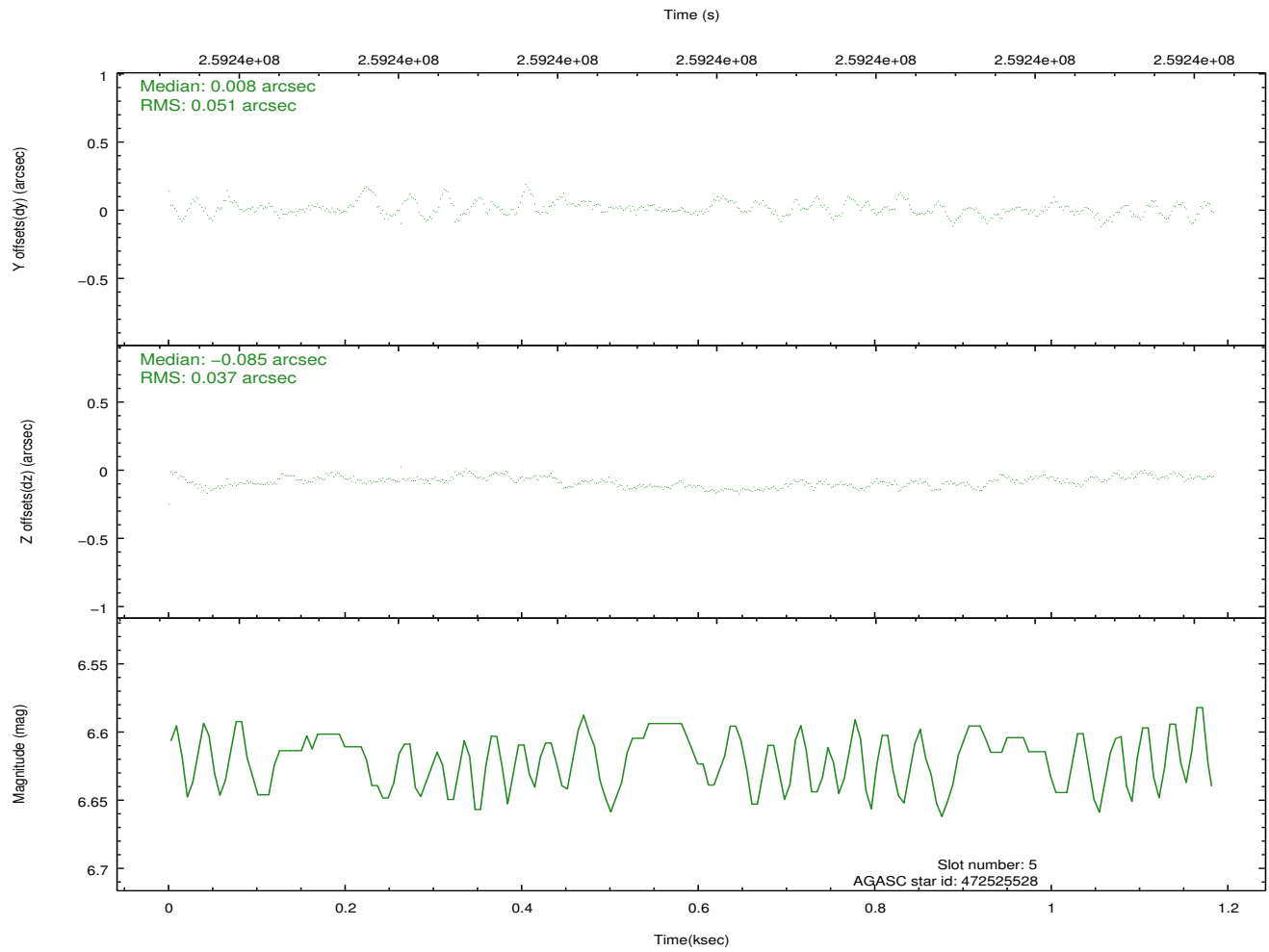
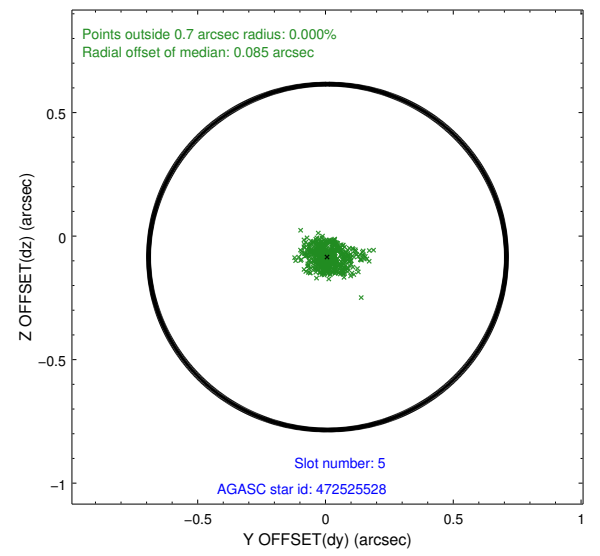
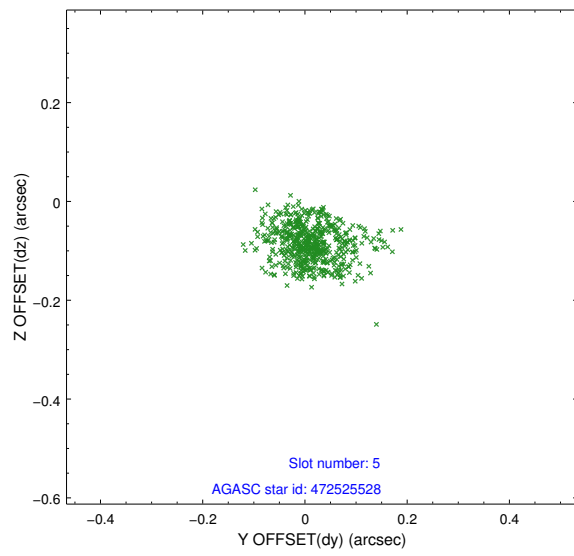
2.4.1 Slot 3



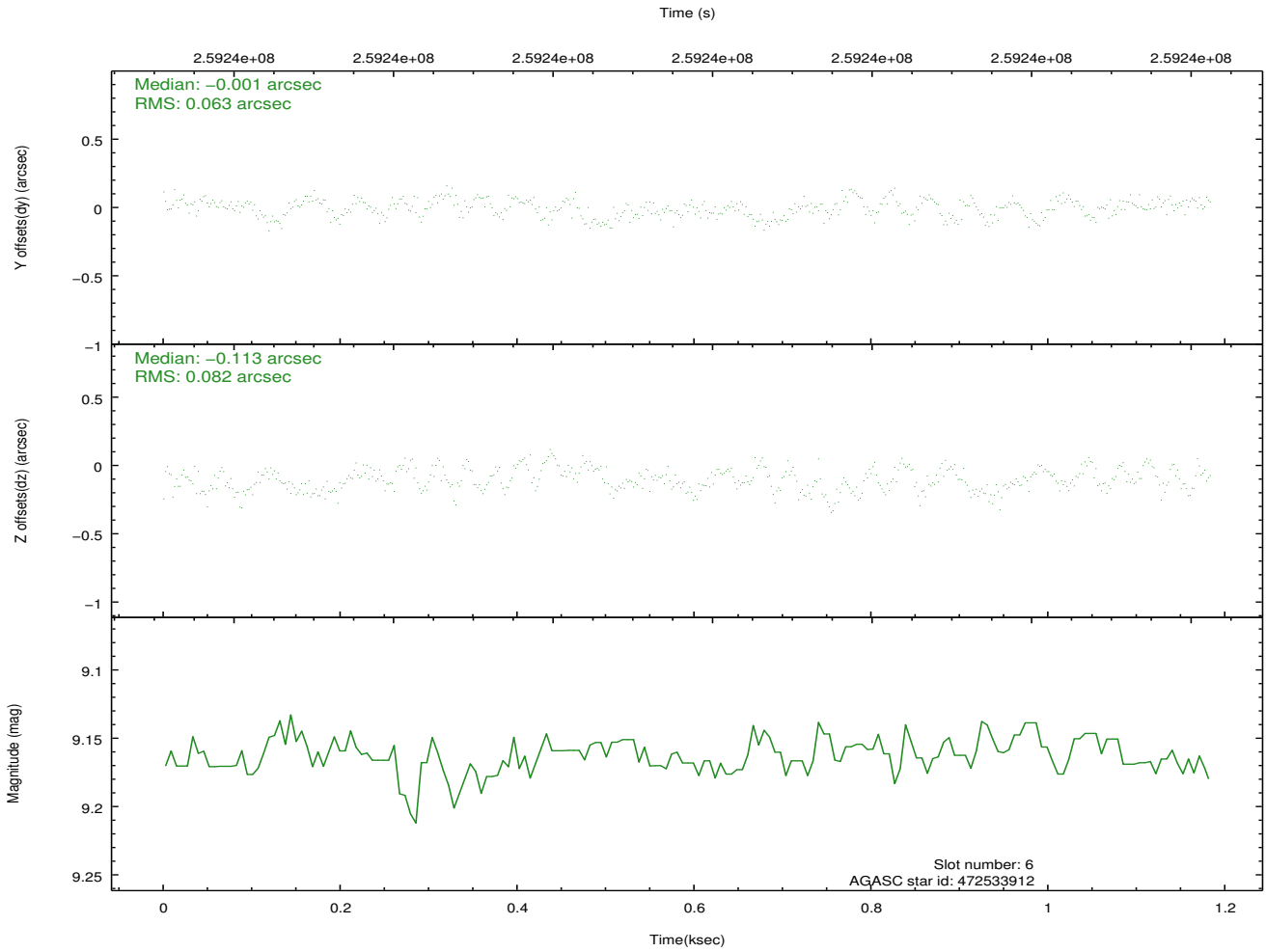
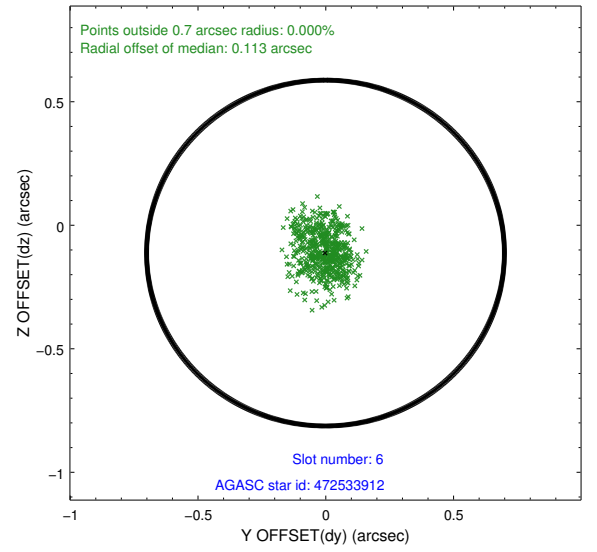
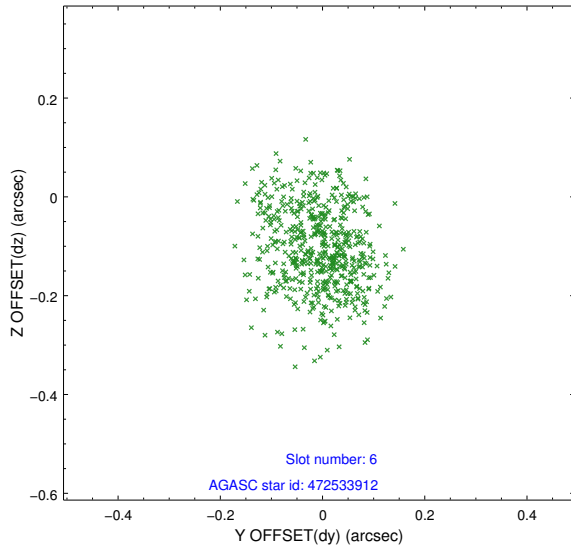
2.4.2 Slot 4



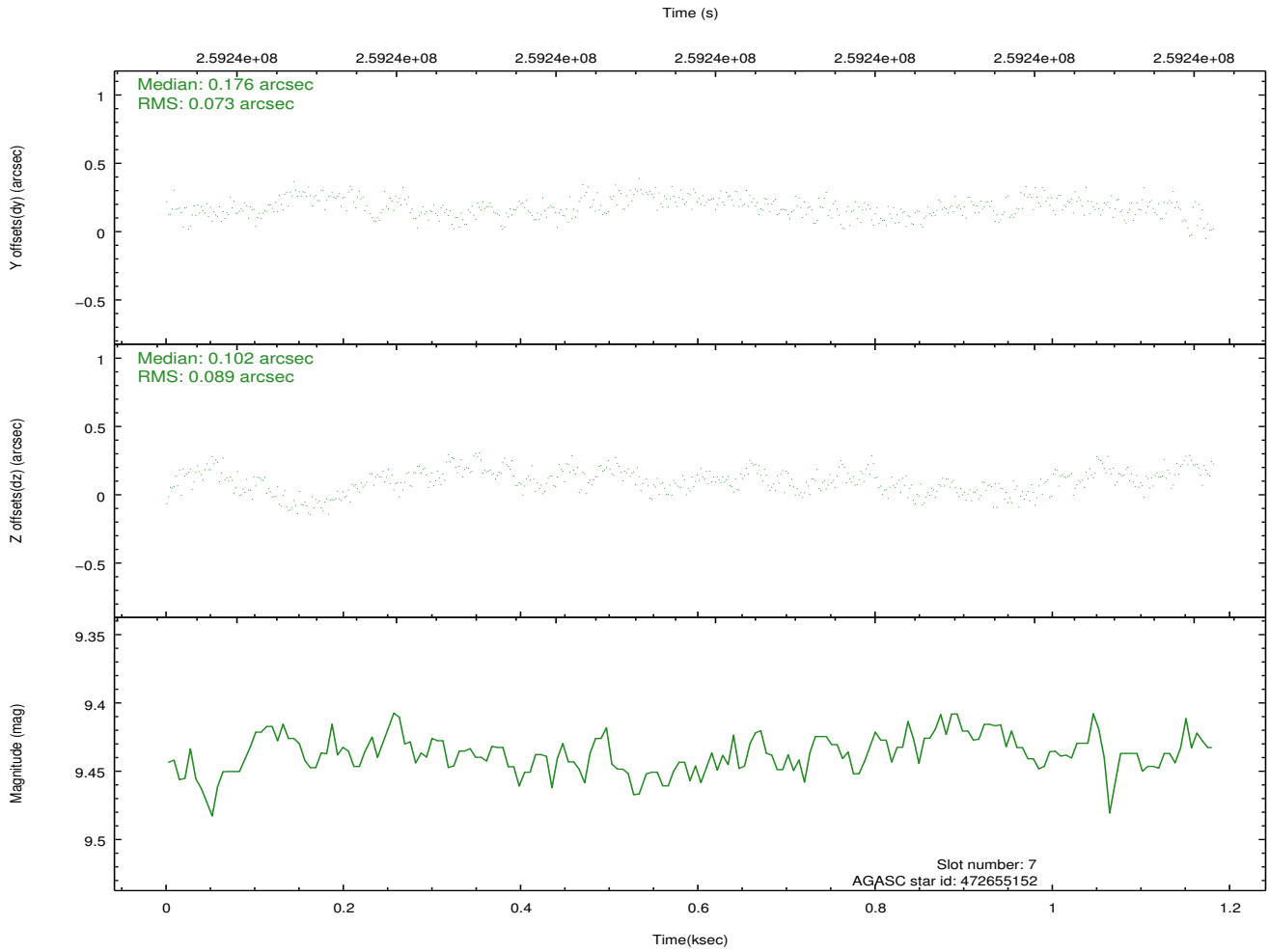
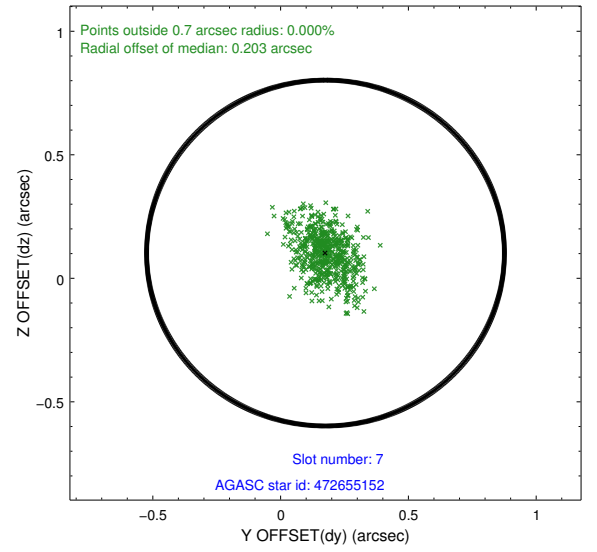
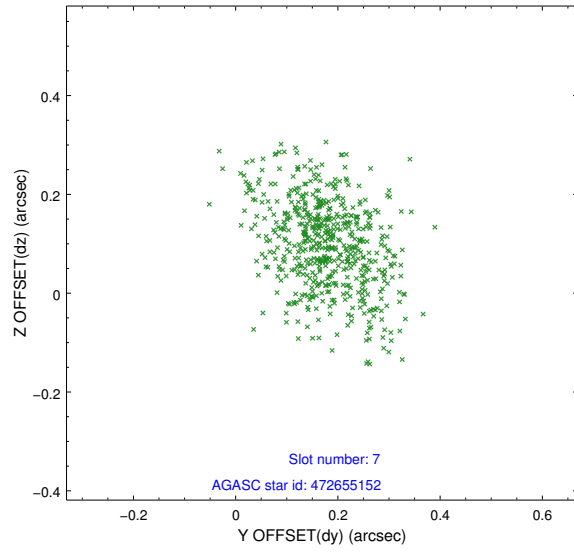
2.4.3 Slot 5



2.4.4 Slot 6

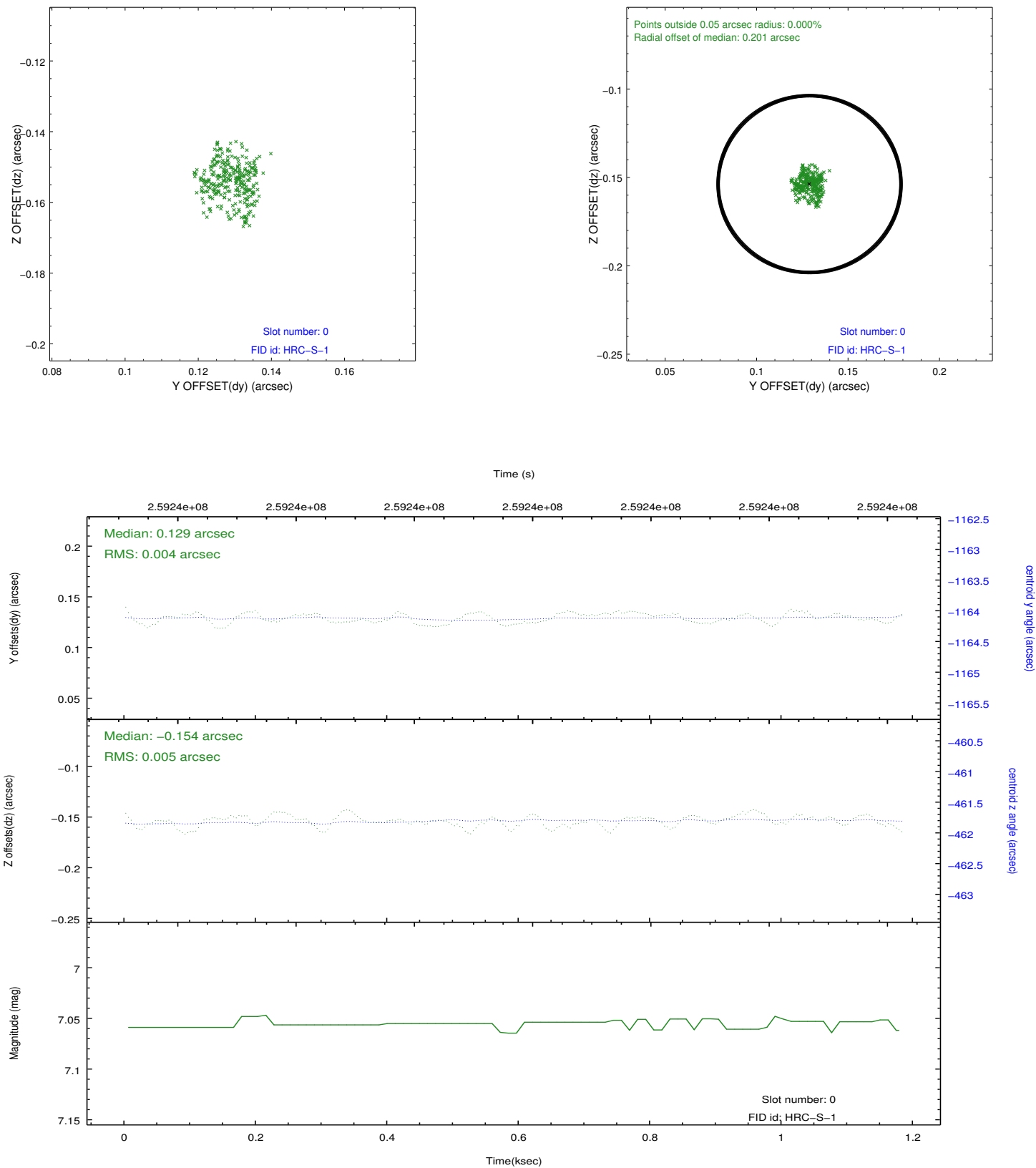


2.4.5 Slot 7

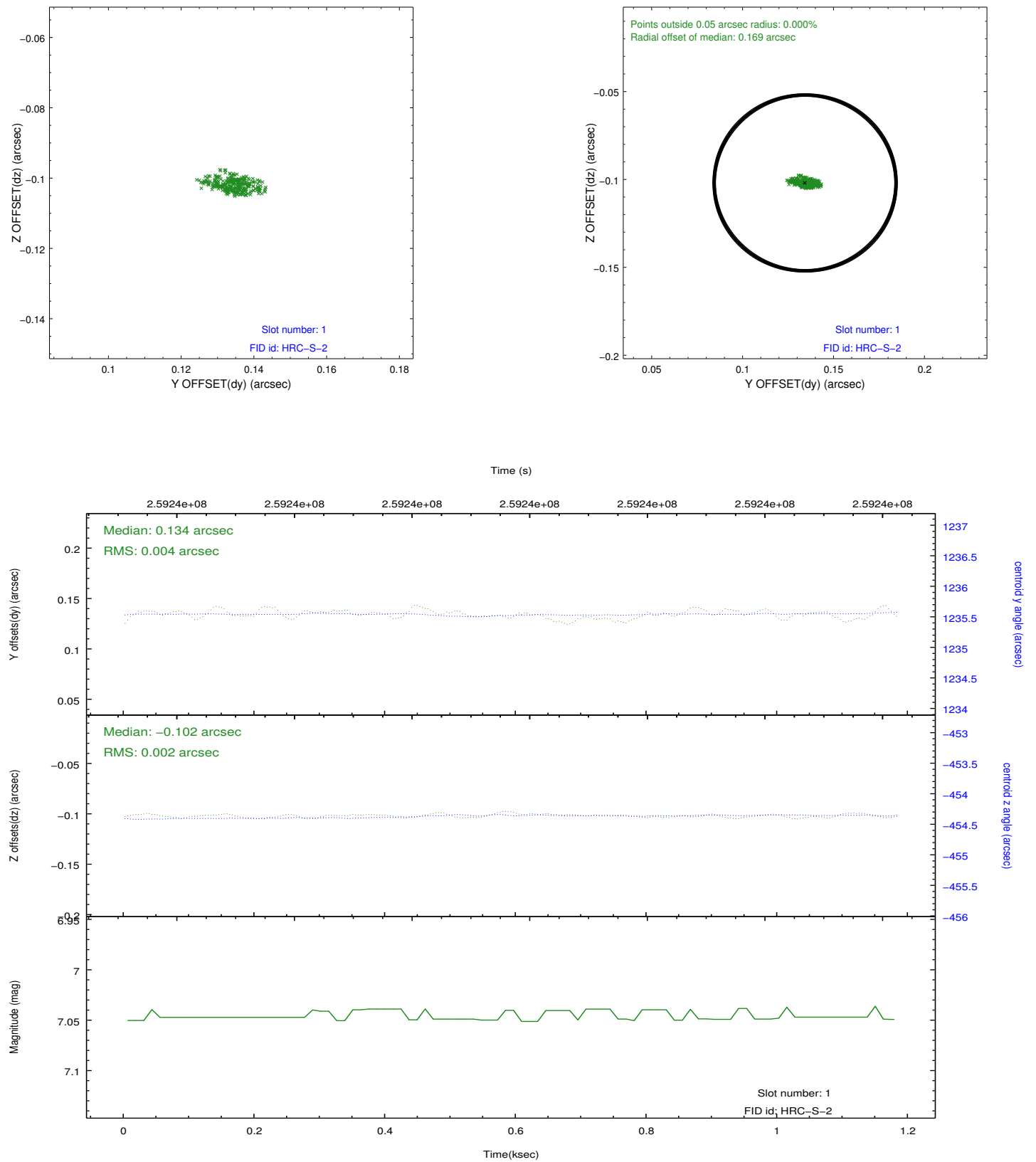


2.5 FID Slots

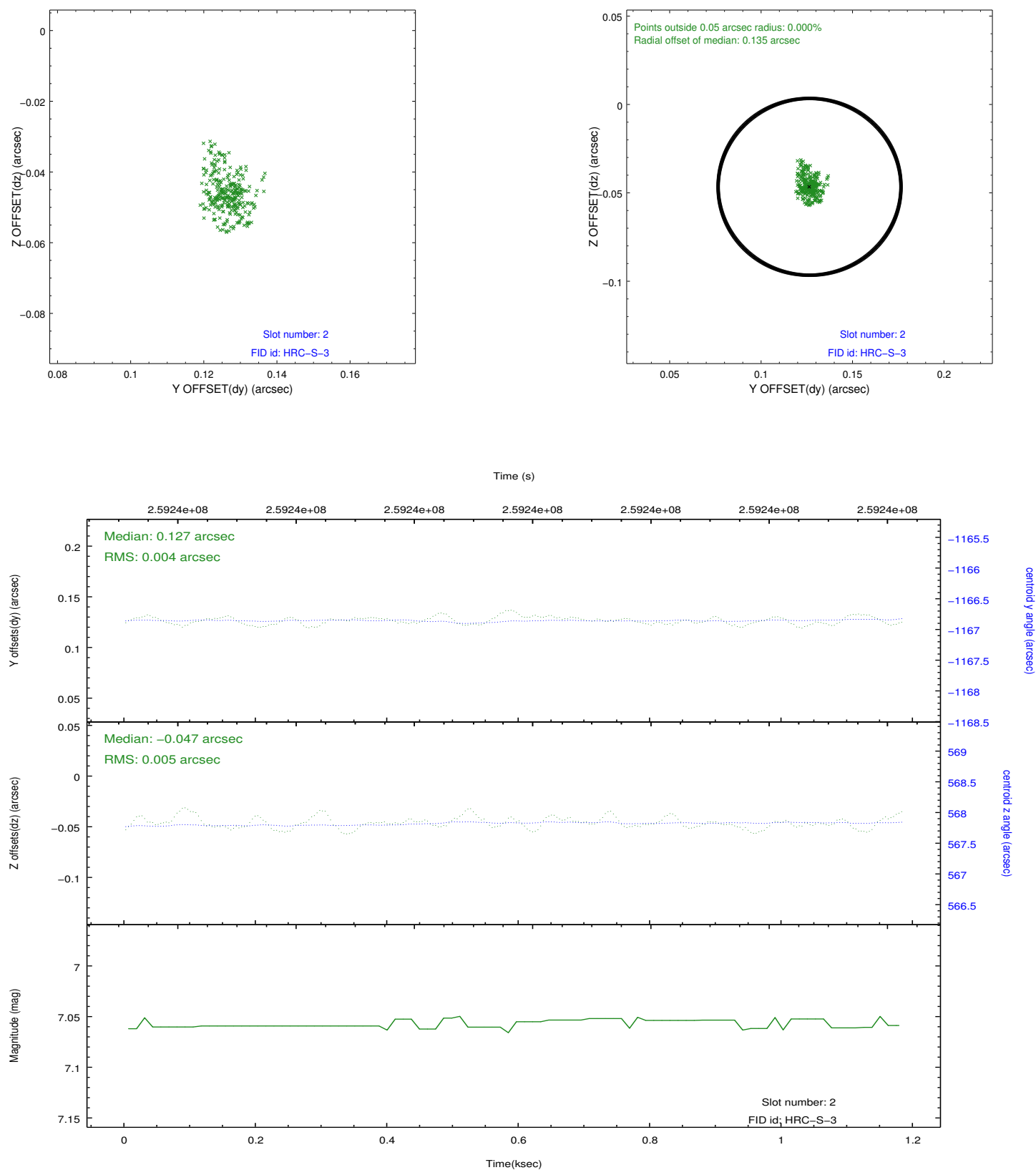
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1513313

A.2 Comments