

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6007 - L2 Version 3
Chandra X-Ray Center

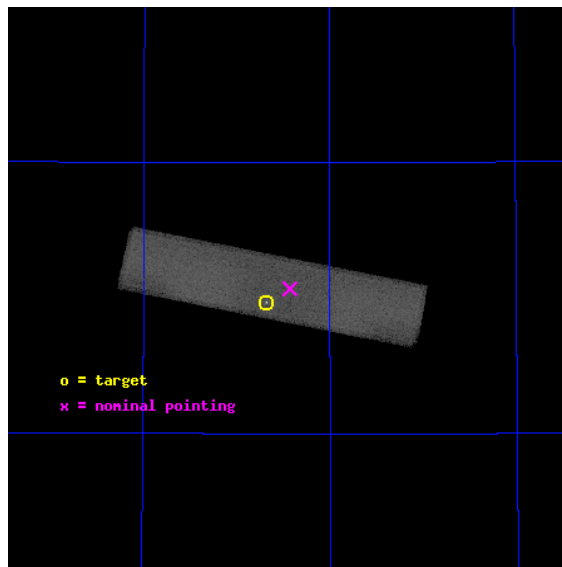
L2 Processing Date : Dec 28 2012

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1 Front

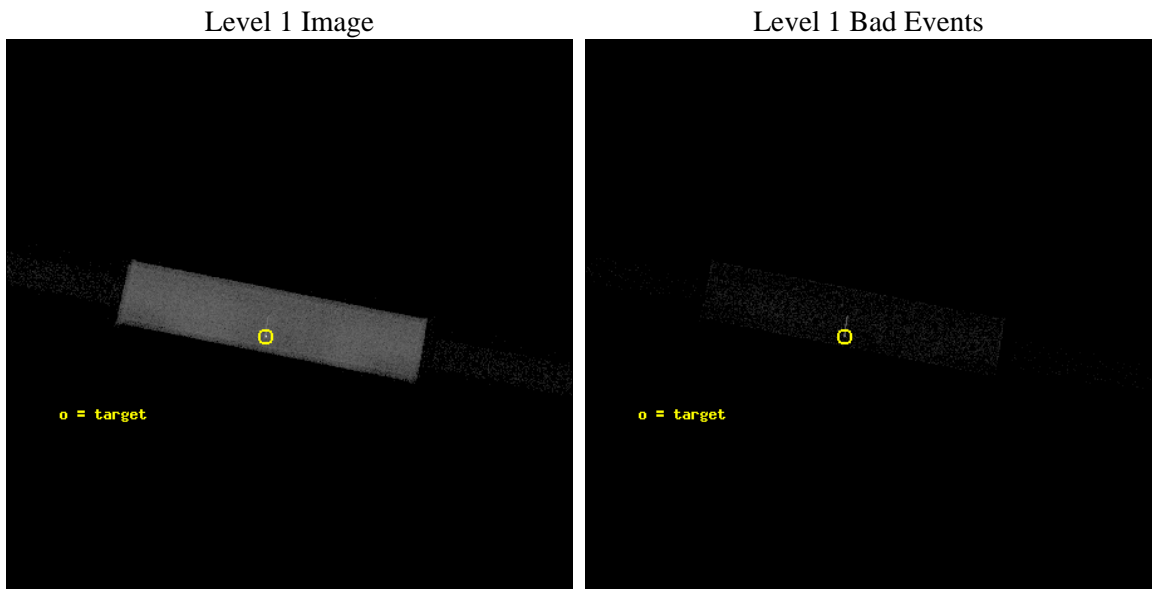
seq_num	290499	Sequence number
obs_id	6007	Observation id
title	AO6B Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.10733980178	Nominal RA [deg]
dec_nom	45.767773925417	Nominal Dec [deg]
roll_nom	191.08499214075	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1153.1250529587	[s]
livetime	1136.3153759851	Ontime multiplied by DTCOR
l2events	125875	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	8.5.1.1	Processing system revision	ontime	1153.1250529587	[s]
caldsver	4.5.5	 	l1events	173395	Number of level 1 events
date	2012-12-28T18:47:59	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

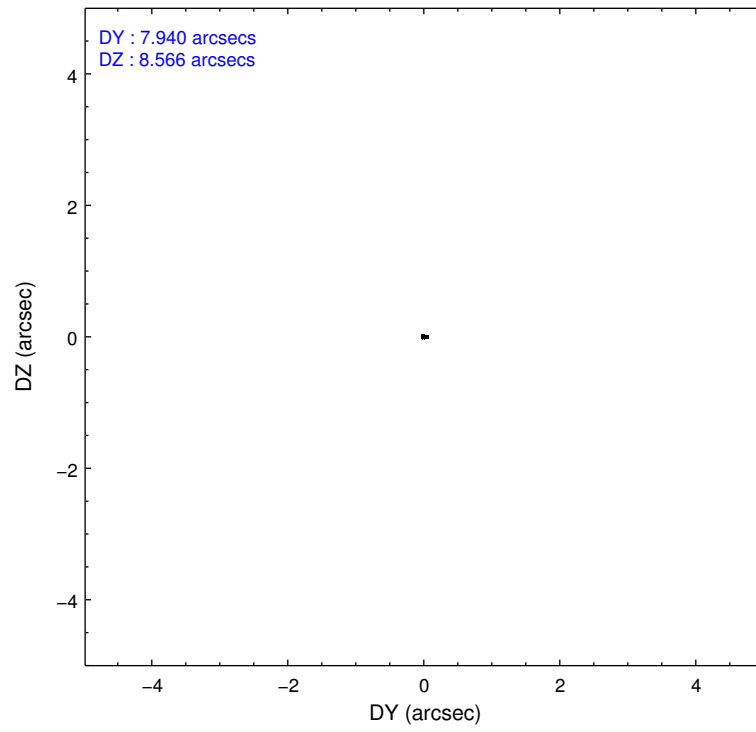
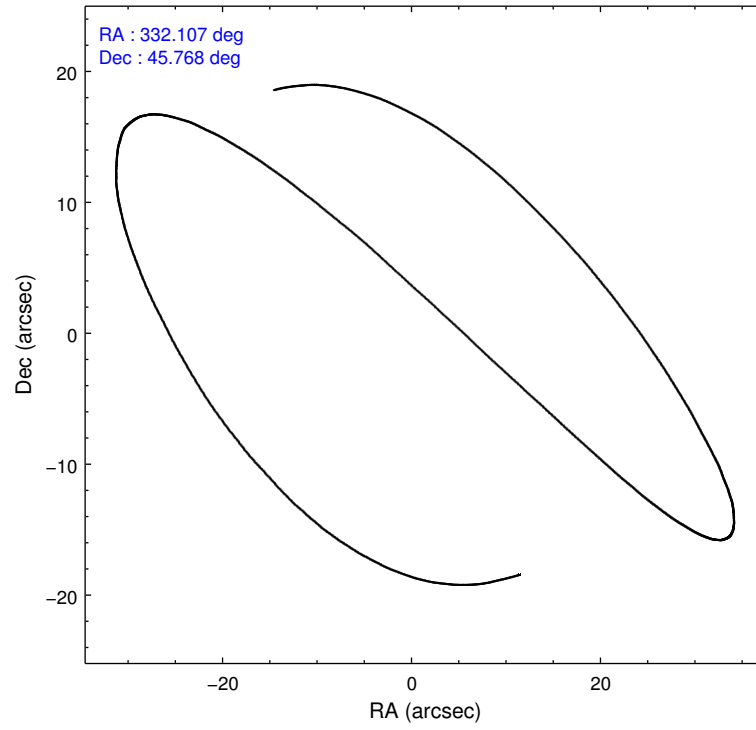
Level 1 Events

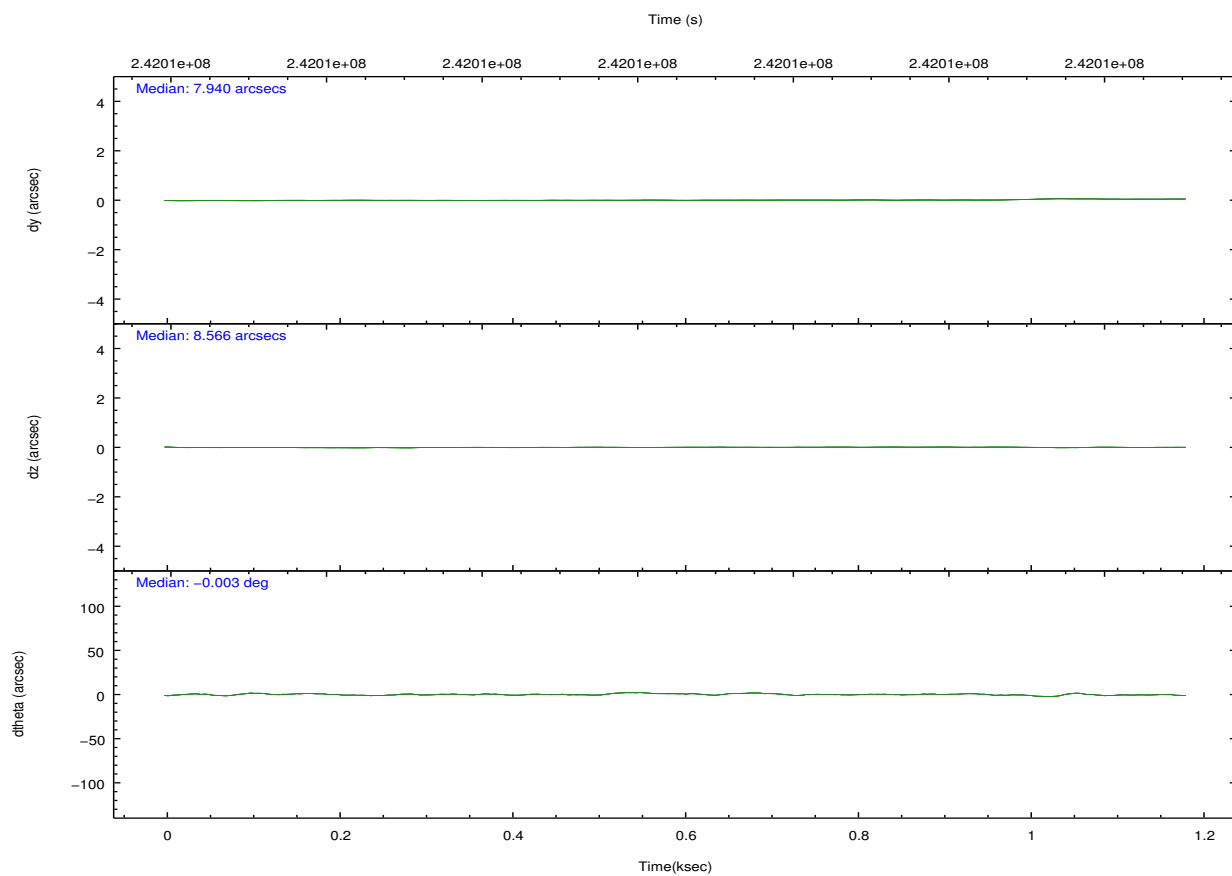
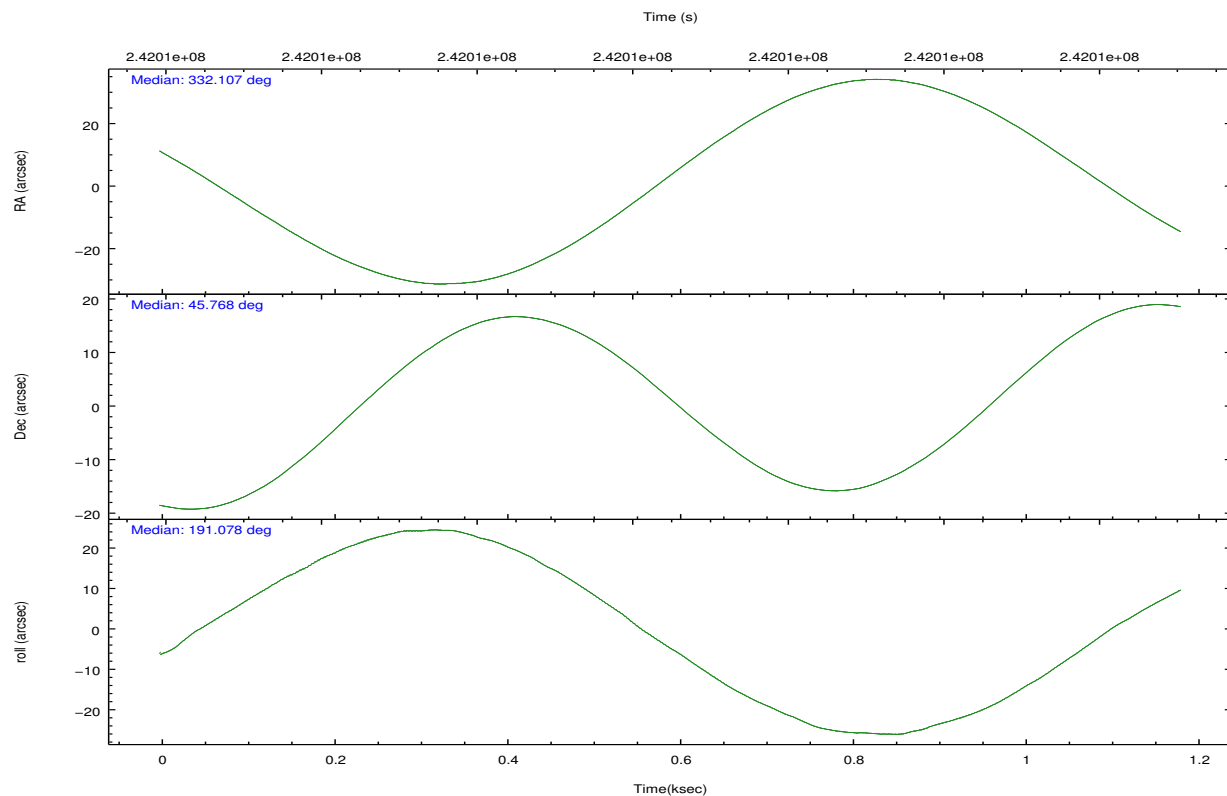
	segment 1	segment 2	segment 3
level 1 events	1749	170006	1640
rejected events	1749	31046	1640
rejected %	100%	18%	100%

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	332.136919	332.1073398017805			
[deg] Pointing Dec	45.787738	45.76777392541672			
[deg] Pointing Roll	190.996441	191.0849921407541			
[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)	242008834.184000	242008458.60892			
Observation start date	2005-09-02T00:39:30	2005-09-02T00:34:18			
[s] Observation end time (MET)	242009834.184000	242009968.43399			
Observation end date	2005-09-02T00:56:10	2005-09-02T00:59:28			

2.3 Aspect



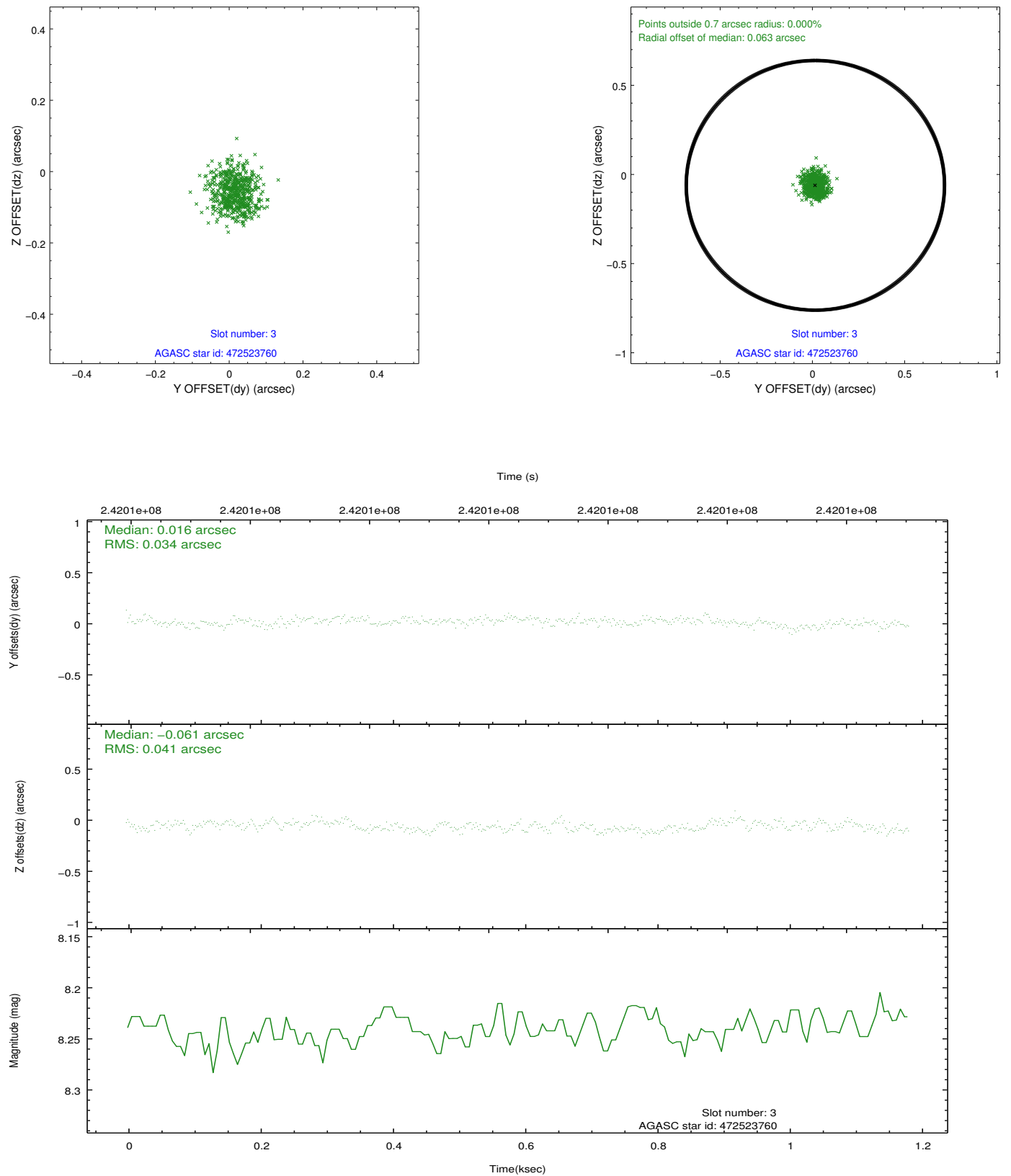


Slot Statistics

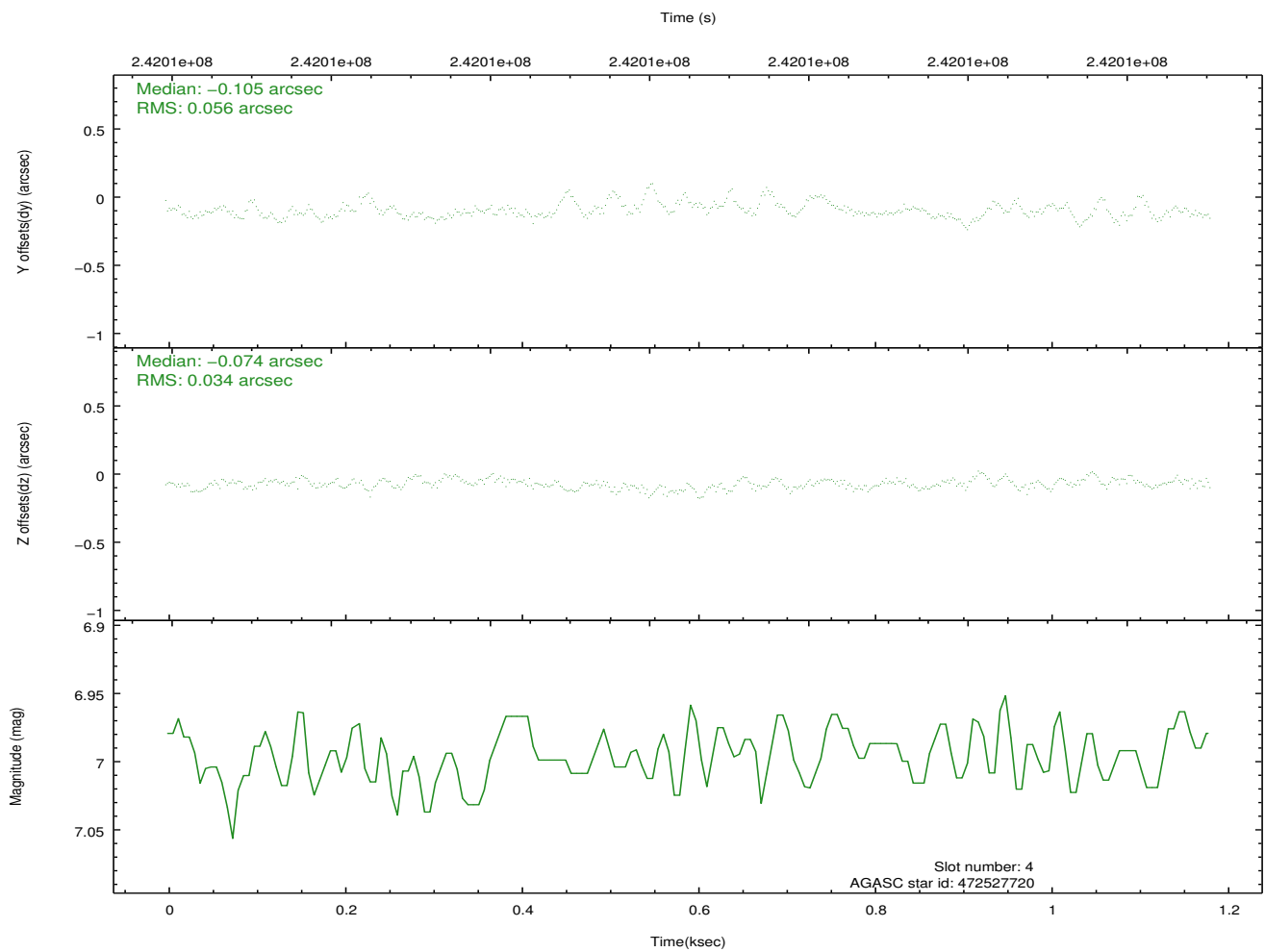
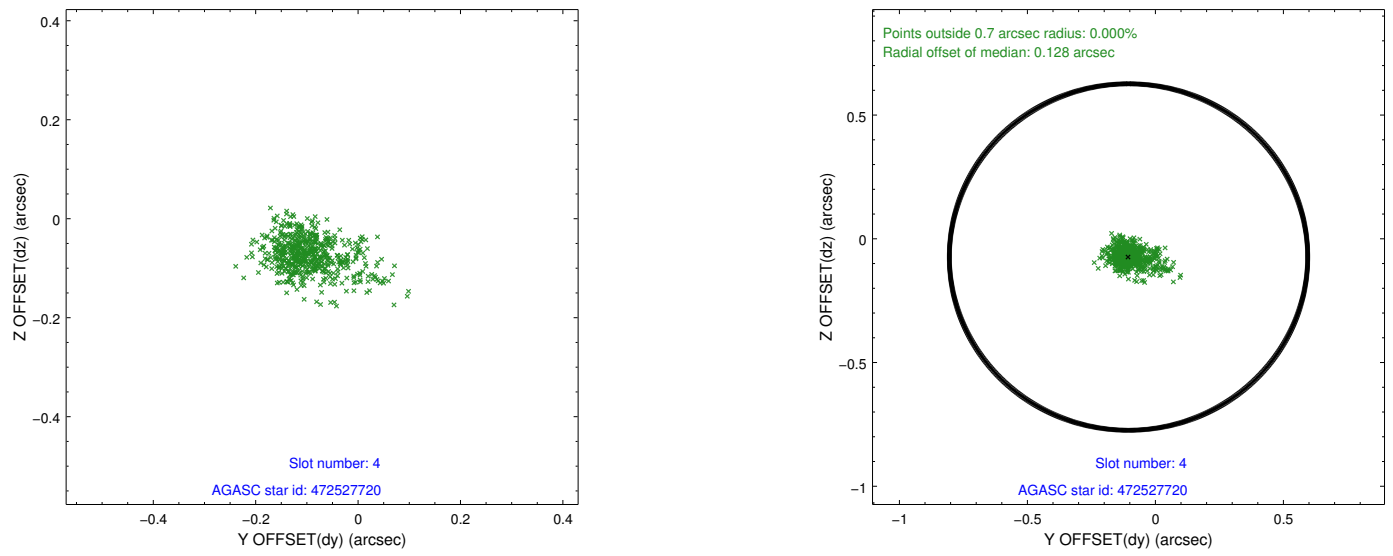
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	289	0.082	-0.141	0.005	0.010	0.000000	0.000000	-1162.18	-457.18
1	FID	HRC-S-2	7.03	289	0.096	-0.083	0.007	0.016	0.000000	0.000000	1233.50	-451.37
2	FID	HRC-S-4	7.02	289	0.226	-0.079	0.007	0.014	0.000000	0.000000	1240.50	573.39
3	GUIDE	472523760	8.24	578	0.016	-0.061	0.058	0.090	331.645363	45.403260	1482.96	1117.79
4	GUIDE	472527720	7.00	577	-0.105	-0.074	0.063	0.123	331.460205	45.112509	2152.38	2052.99
5	GUIDE	472533912	9.16	578	-0.010	0.029	0.101	0.173	331.791136	46.368695	447.98	-2215.44
6	GUIDE	472535576	7.86	578	-0.138	0.115	0.061	0.103	331.438373	46.291802	1359.21	-2124.16
7	GUIDE	472665256	9.00	577	0.230	0.011	0.073	0.127	332.808125	46.195041	-1920.13	-1131.56

2.4 Star Slots

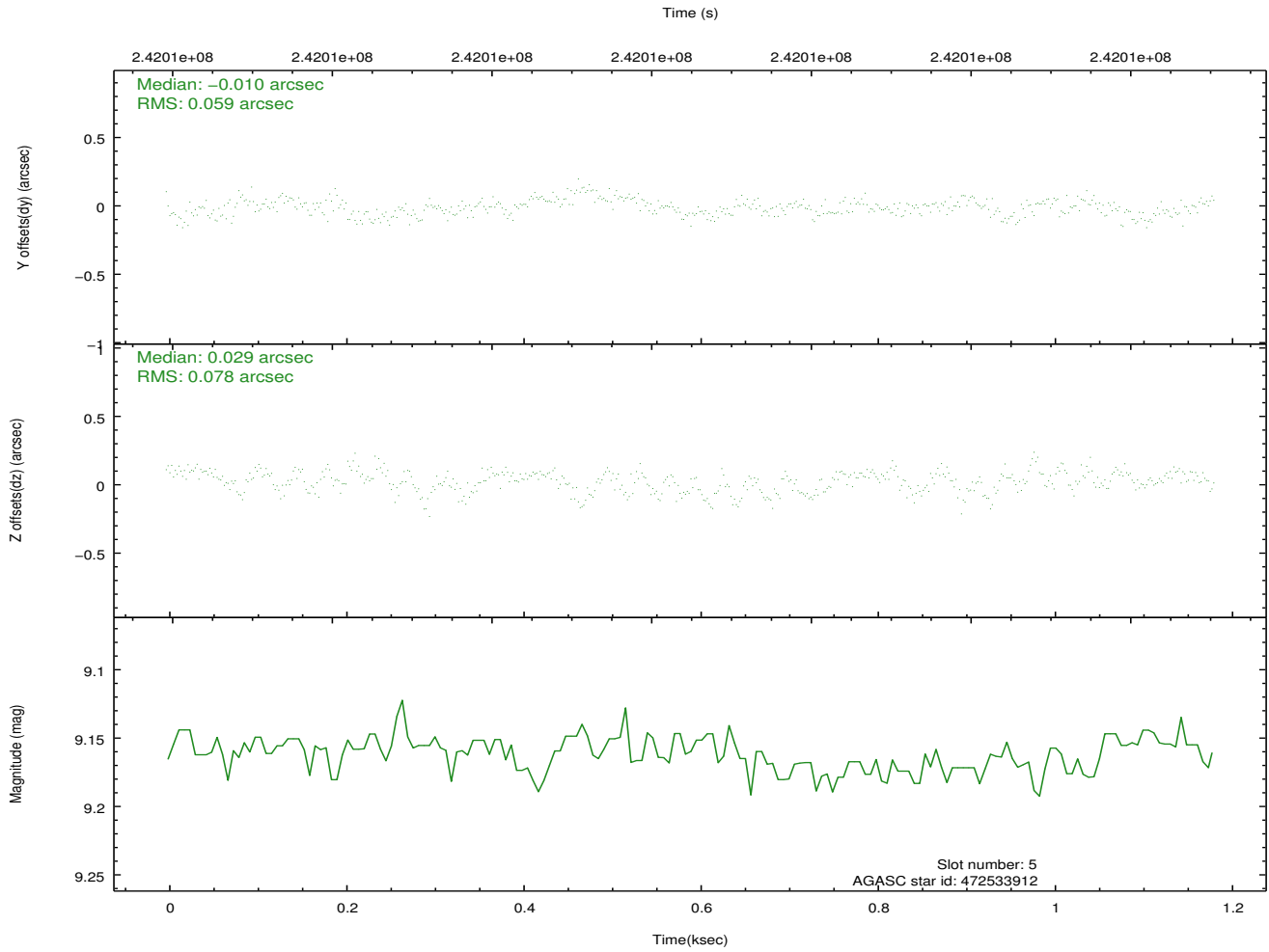
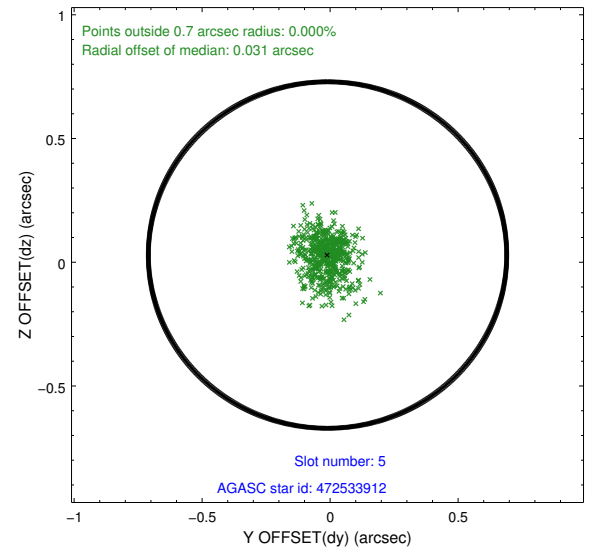
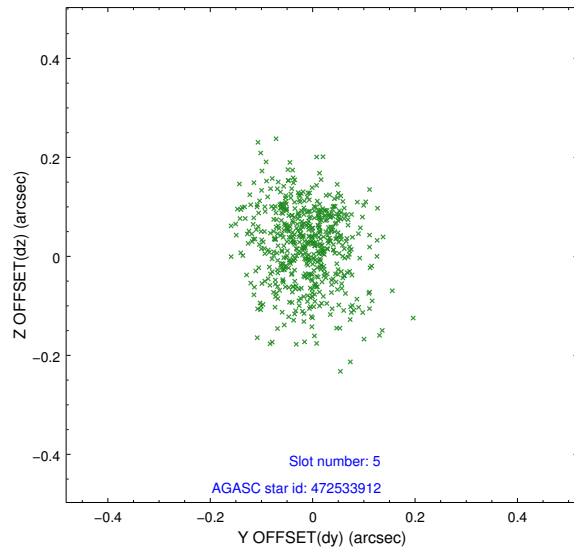
2.4.1 Slot 3



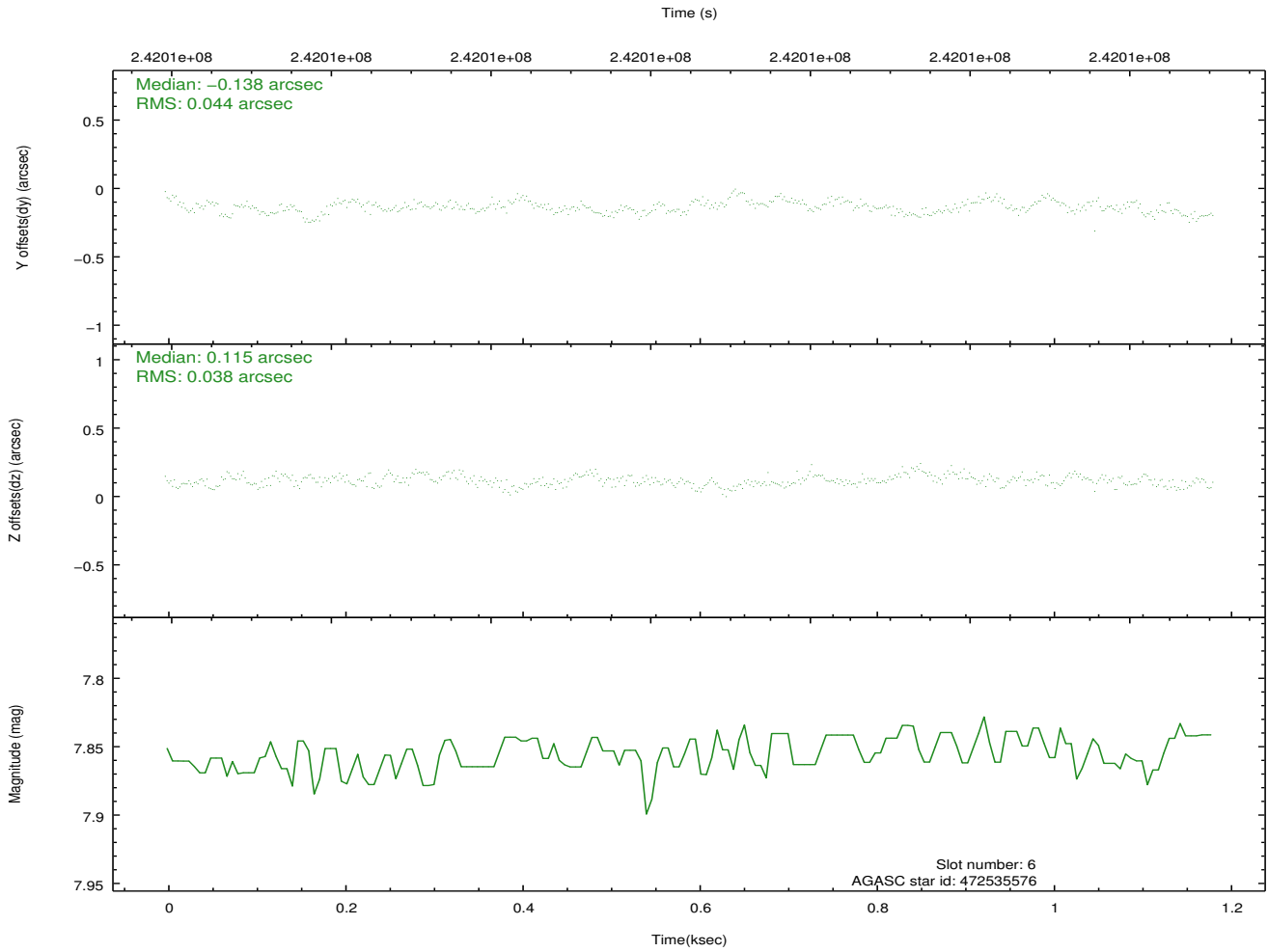
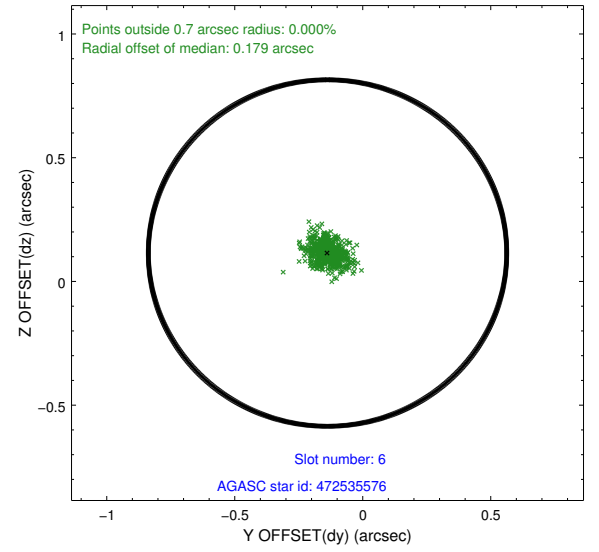
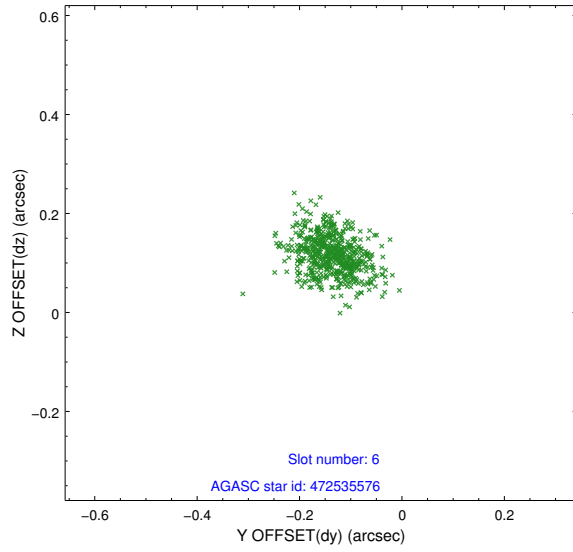
2.4.2 Slot 4



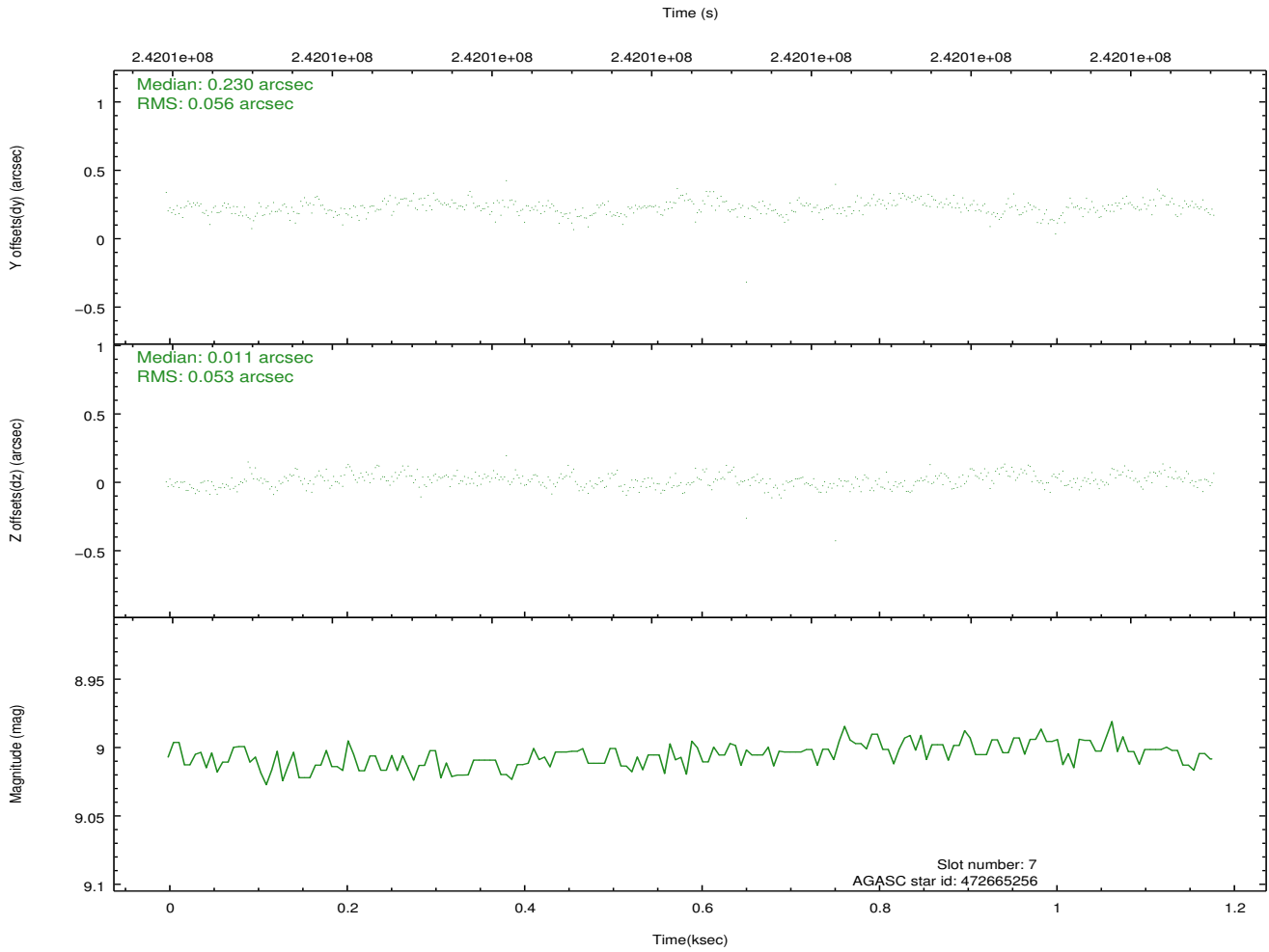
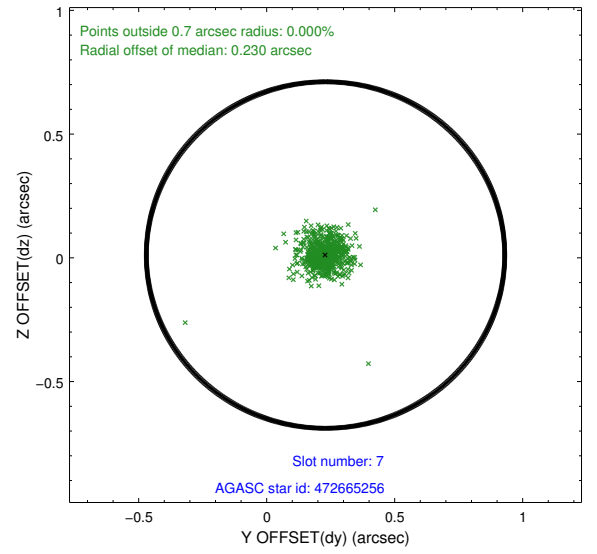
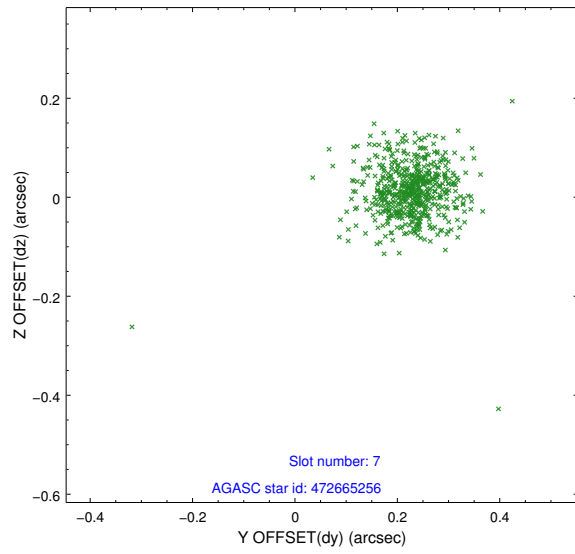
2.4.3 Slot 5



2.4.4 Slot 6

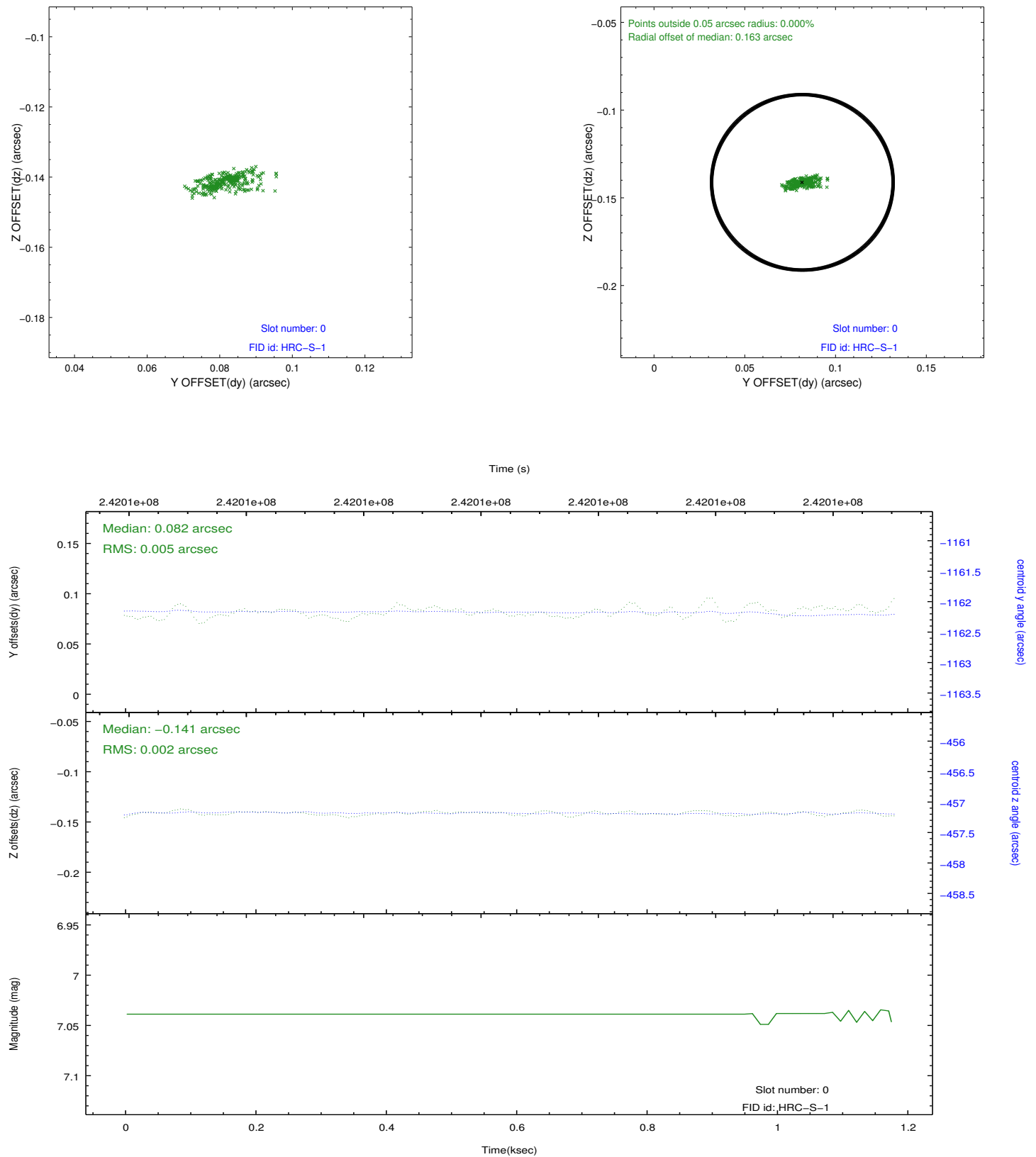


2.4.5 Slot 7

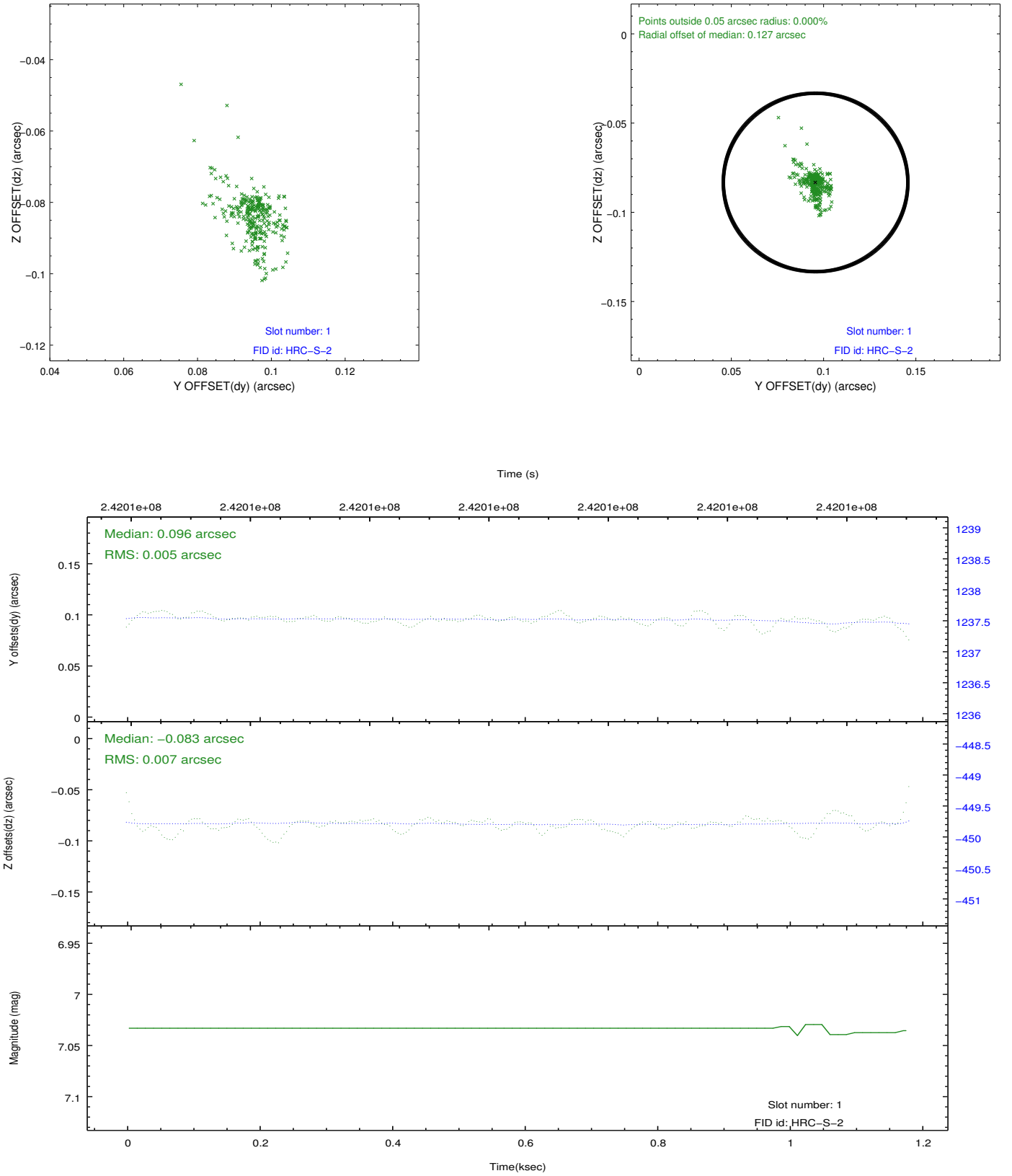


2.5 FID Slots

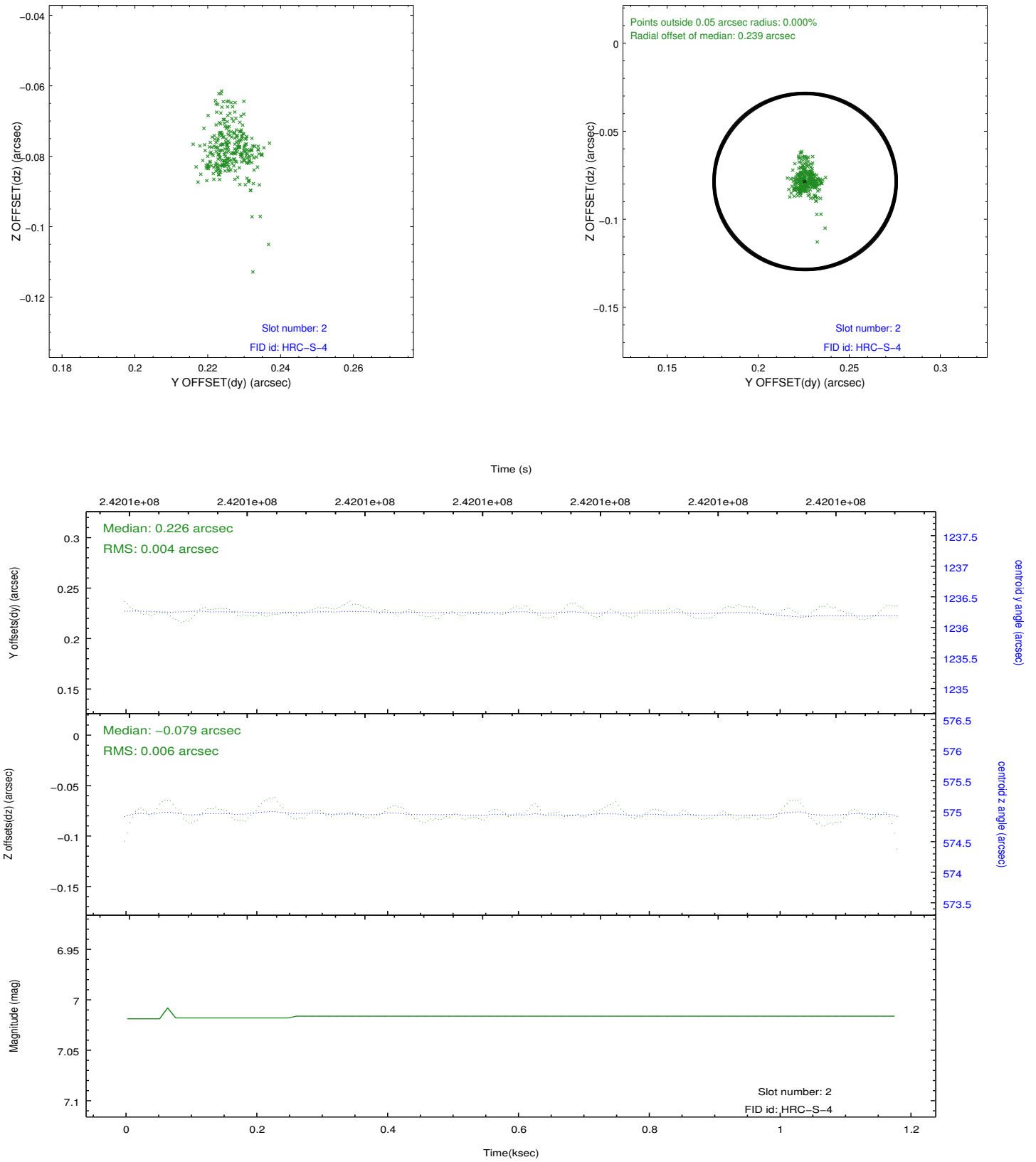
2.5.1 Slot 0



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)	2013.01.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.153125

A.2 Comments