

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11478 - L2 Version 2
Chandra X-Ray Center

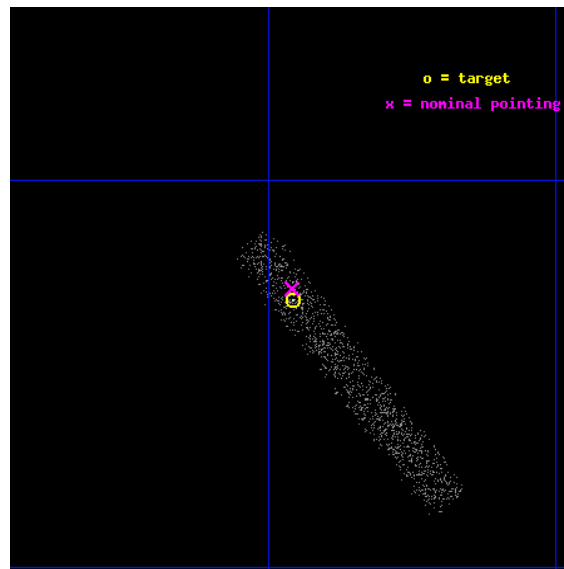
L2 Processing Date : Jun 19 2012

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1 Front

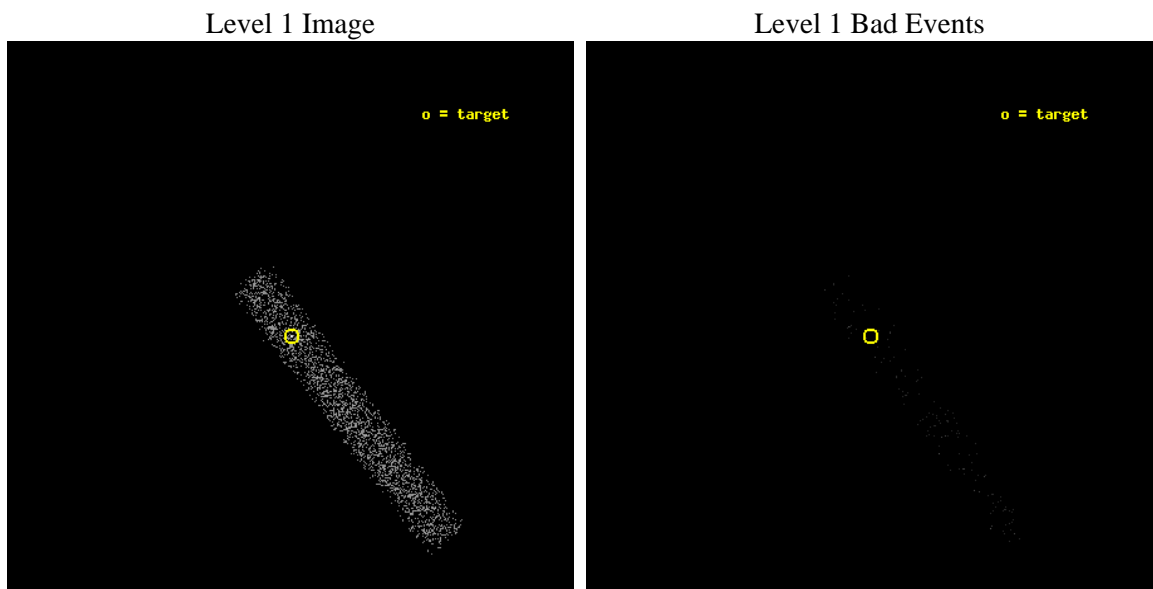
seq_num	702064	Sequence number
obs_id	11478	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J154257.49+030653.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	235.739583	Observer's specified target RA [deg]
dec_targ	3.114778	Observer's specified target Dec [deg]
ra_nom	235.74014406845	Nominal RA [deg]
dec_nom	3.1197016084319	Nominal Dec [deg]
roll_nom	52.756651368042	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2120.7998735905	Sum of GTIs [s]
livetime	1923.4535403505	Livetime [s]
ontime7	2120.7998735905	Sum of GTIs [s]
l2events	1614	Number of level 2 events



2 OBI

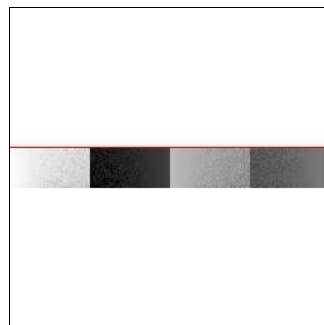
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2120.7998735905	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2120.7998735905	Sum of GTIs [s]
date	2012-06-19T06:52:37	Date and time of file creation	l1events	4792	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

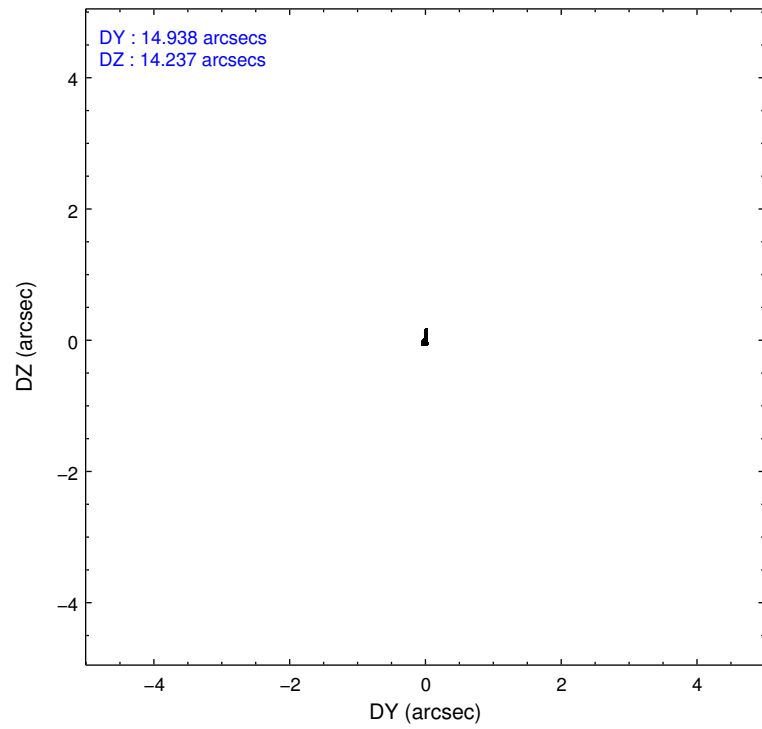
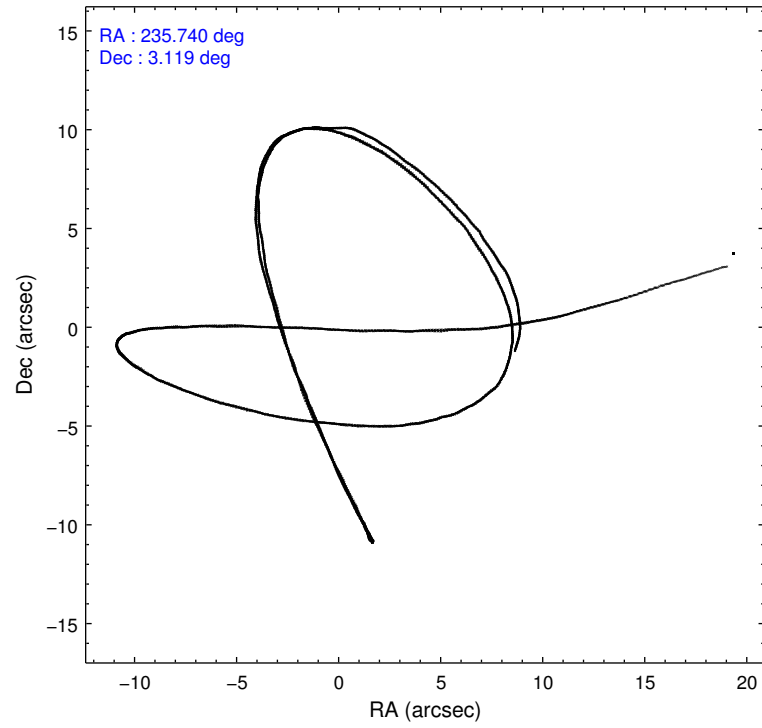
	ccd 7
level 1 events	4792
rejected events	3101
rejected %	64%

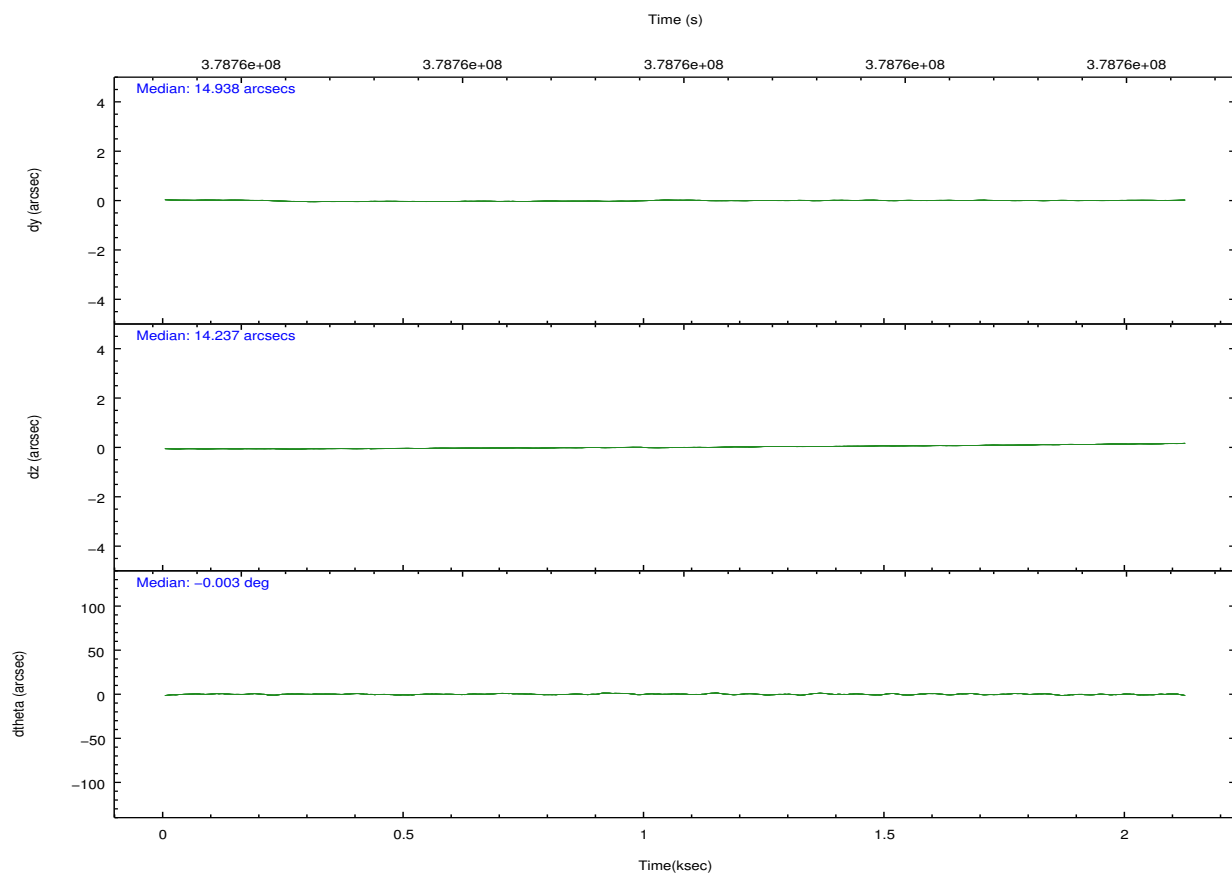
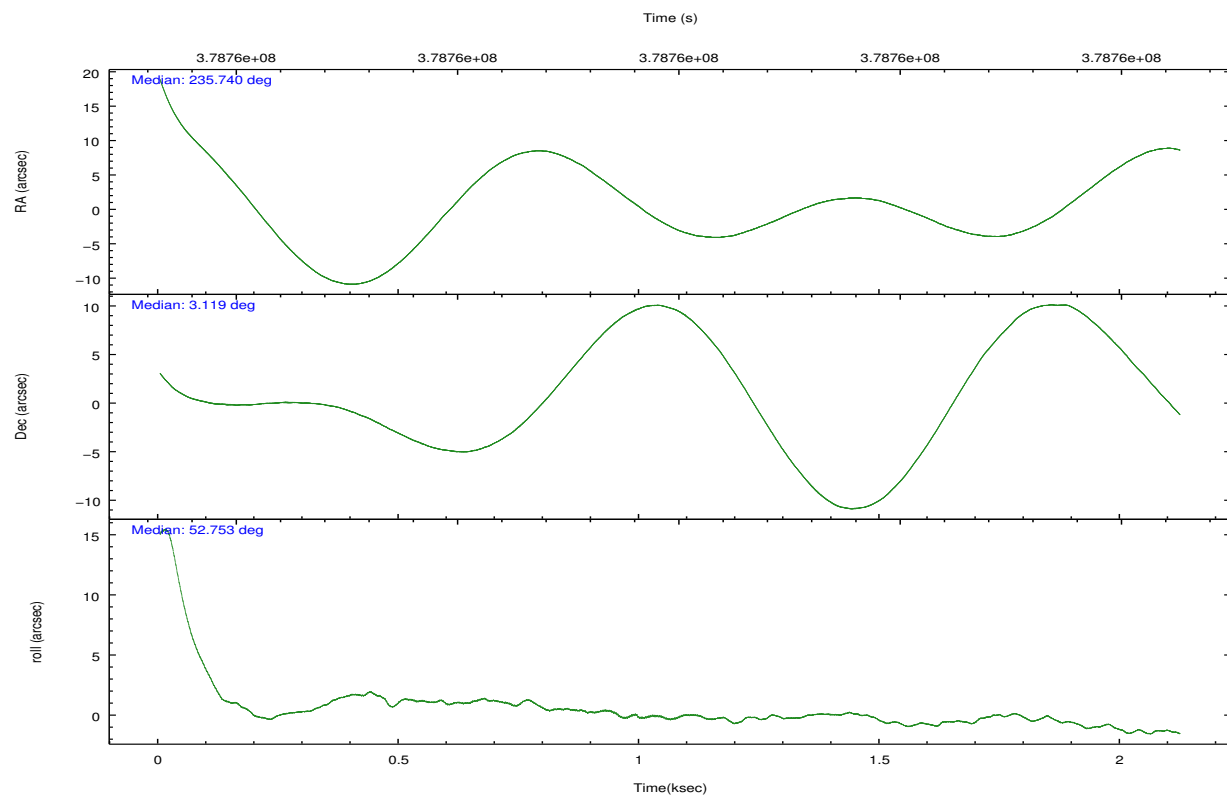
	ccd 7
grade 0 events	287
	5%
grade 1 events	9
	0%
grade 2 events	496
	10%
grade 3 events	321
	6%
grade 4 events	352
	7%
grade 5 events	496
	10%
grade 6 events	1013
	21%
grade 7 events	1818
	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	235.736969	235.7401440684466	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	3.092433	3.119701608431869	Subarray start row	449	449
[deg] Pointing Roll	52.600148	52.75665136804156	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	378759551.184000	378758335.16509			
Observation start date	2010-01-01T18:58:05	2010-01-01T18:38:55			
[s] Observation end time (MET)	378761551.184000	378762720.62781			
Observation end date	2010-01-01T19:31:25	2010-01-01T19:52:00			
Read mode	TIMED	TIMED			

2.3 Aspect



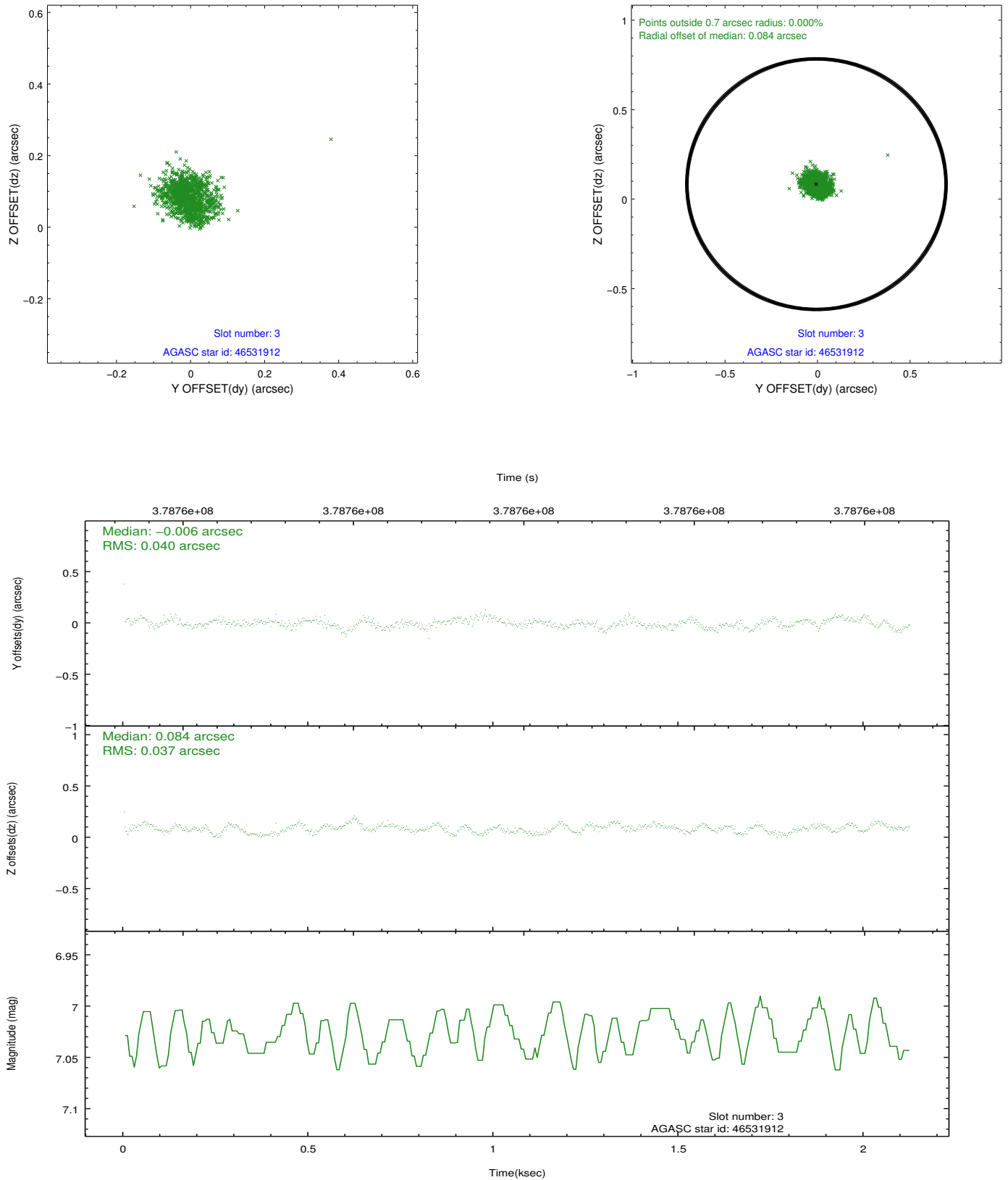


Slot Statistics

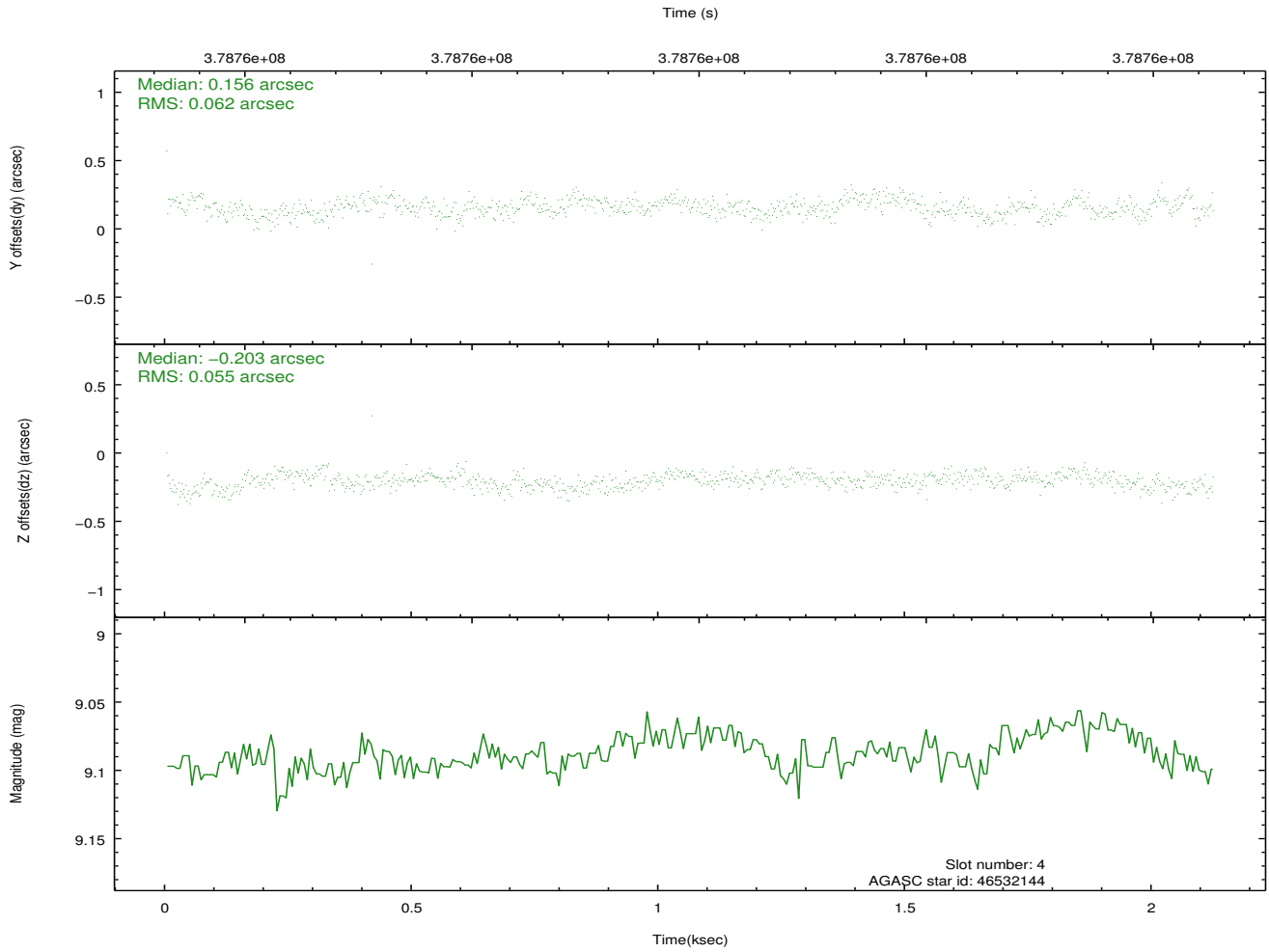
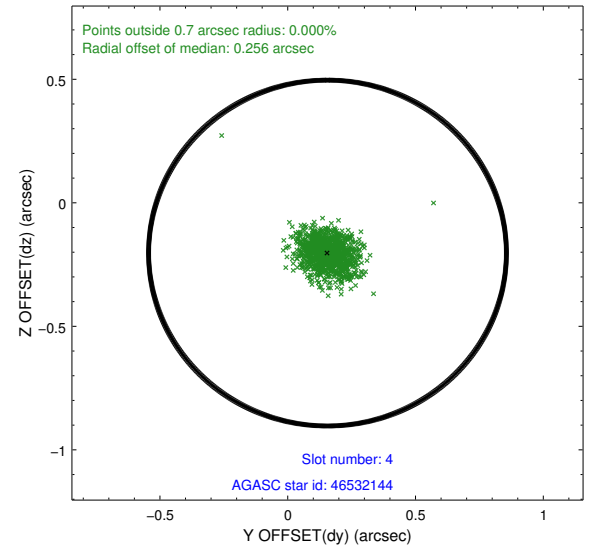
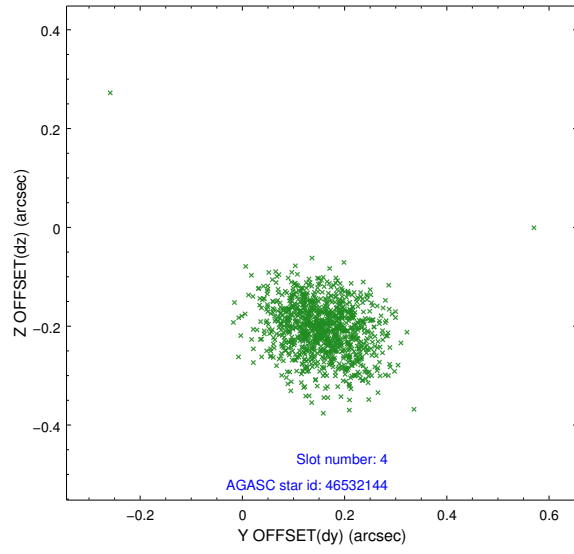
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.02	518	0.037	0.020	0.007	0.012	0.000000	0.000000	928.10	-1731.26
1	FID	ACIS-S-2	6.94	518	-0.159	-0.080	0.006	0.010	0.000000	0.000000	-766.29	-1739.02
2	FID	ACIS-S-4	7.02	518	0.096	0.065	0.005	0.009	0.000000	0.000000	2144.07	169.71
3	GUIDE	46531912	7.03	1036	-0.006	0.084	0.057	0.088	235.943265	2.439954	-1415.51	-2015.91
4	GUIDE	46532144	9.09	1036	0.156	-0.203	0.085	0.138	235.027368	2.864012	-2204.61	1526.58
5	GUIDE	46537560	8.11	1036	-0.125	-0.176	0.059	0.093	235.640117	3.493742	933.31	1155.52
6	GUIDE	46538488	7.50	1036	-0.032	0.103	0.076	0.119	236.125935	3.370039	1642.87	-501.47
7	GUIDE	46532216	8.52	1034	0.014	0.201	0.079	0.128	235.982307	2.467042	-1251.13	-2068.57

2.4 Star Slots

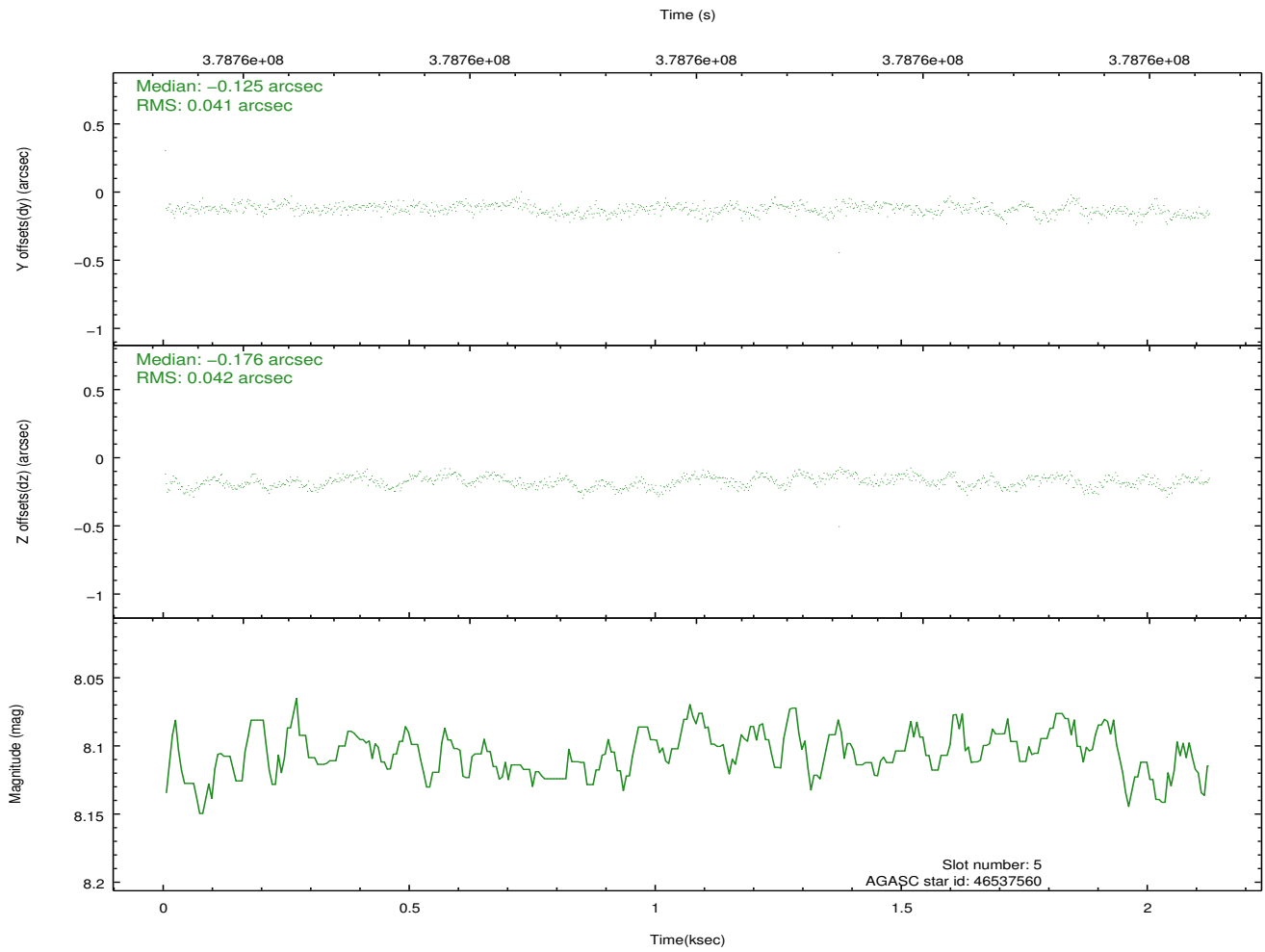
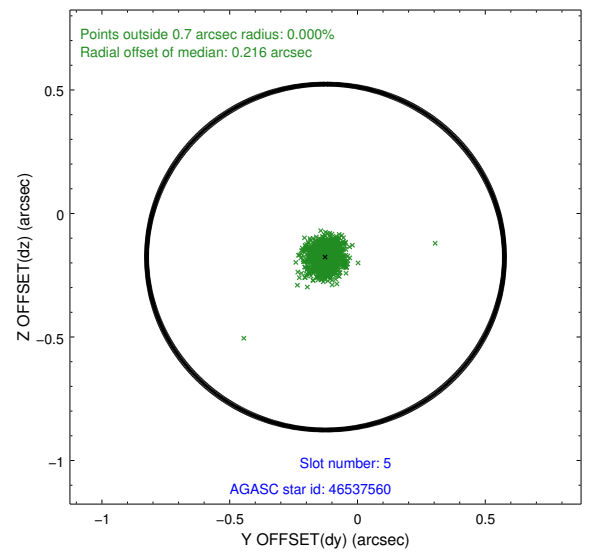
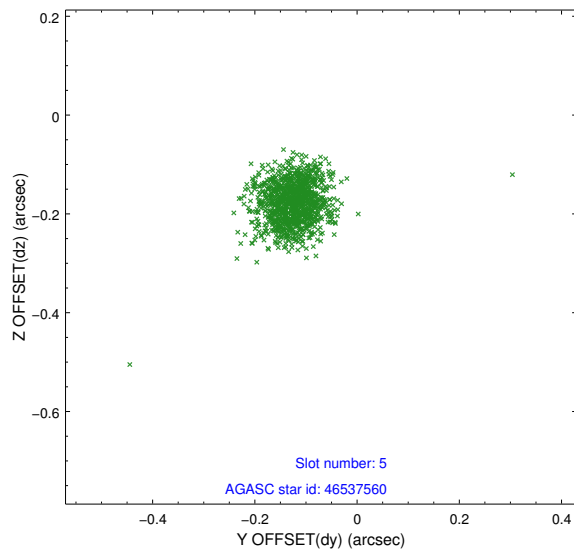
2.4.1 Slot 3



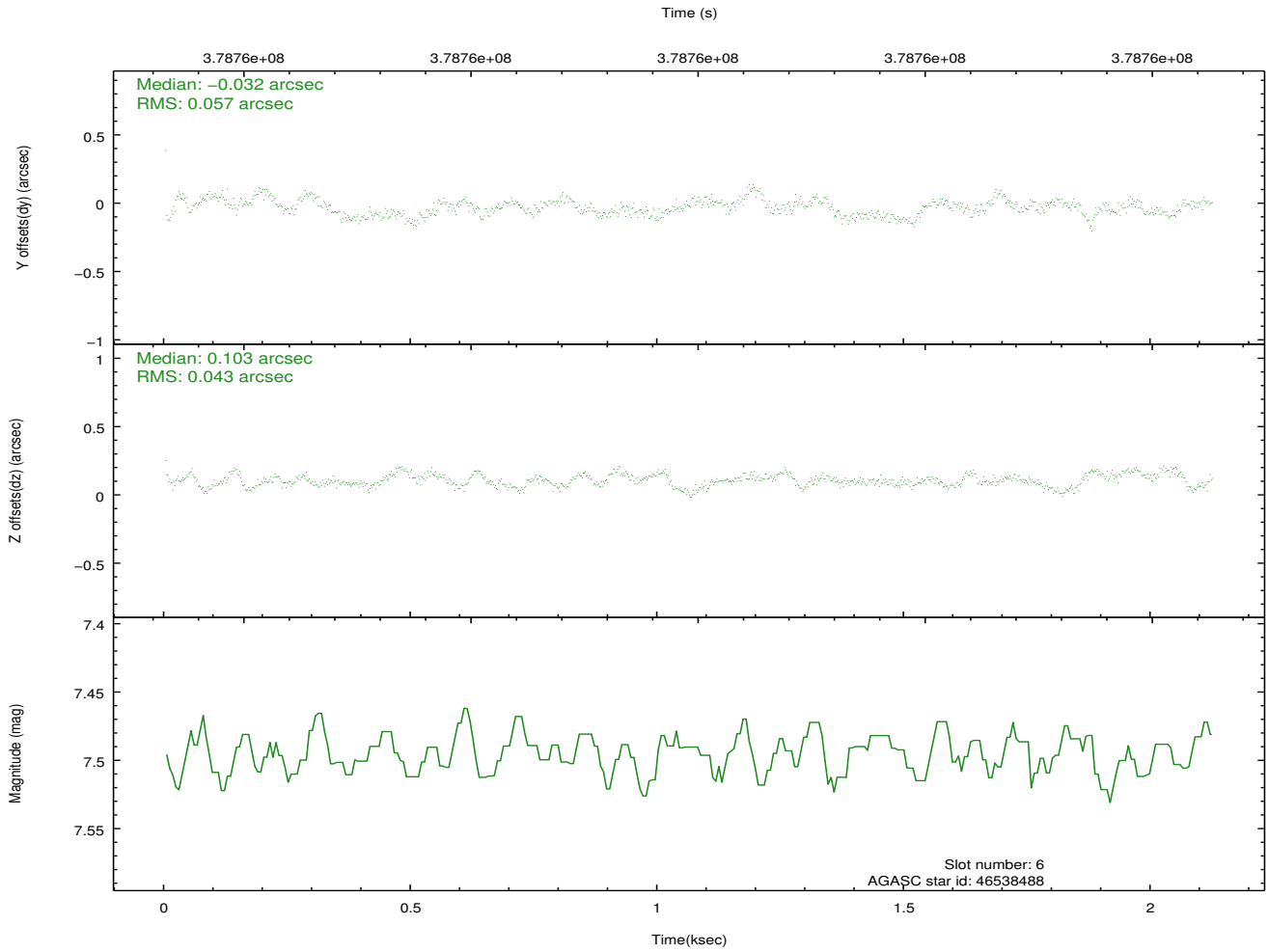
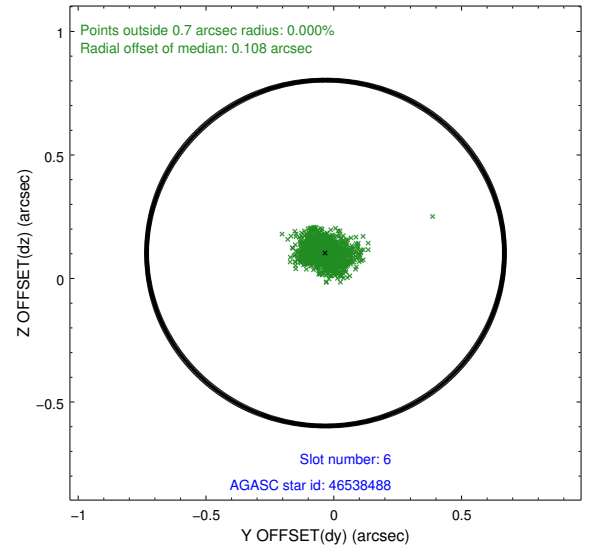
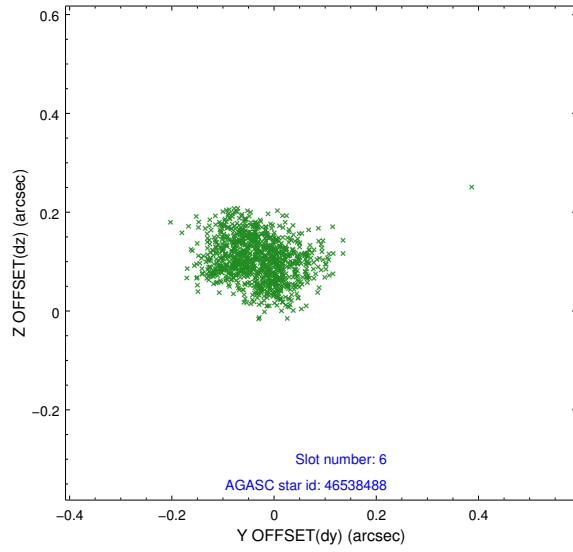
2.4.2 Slot 4



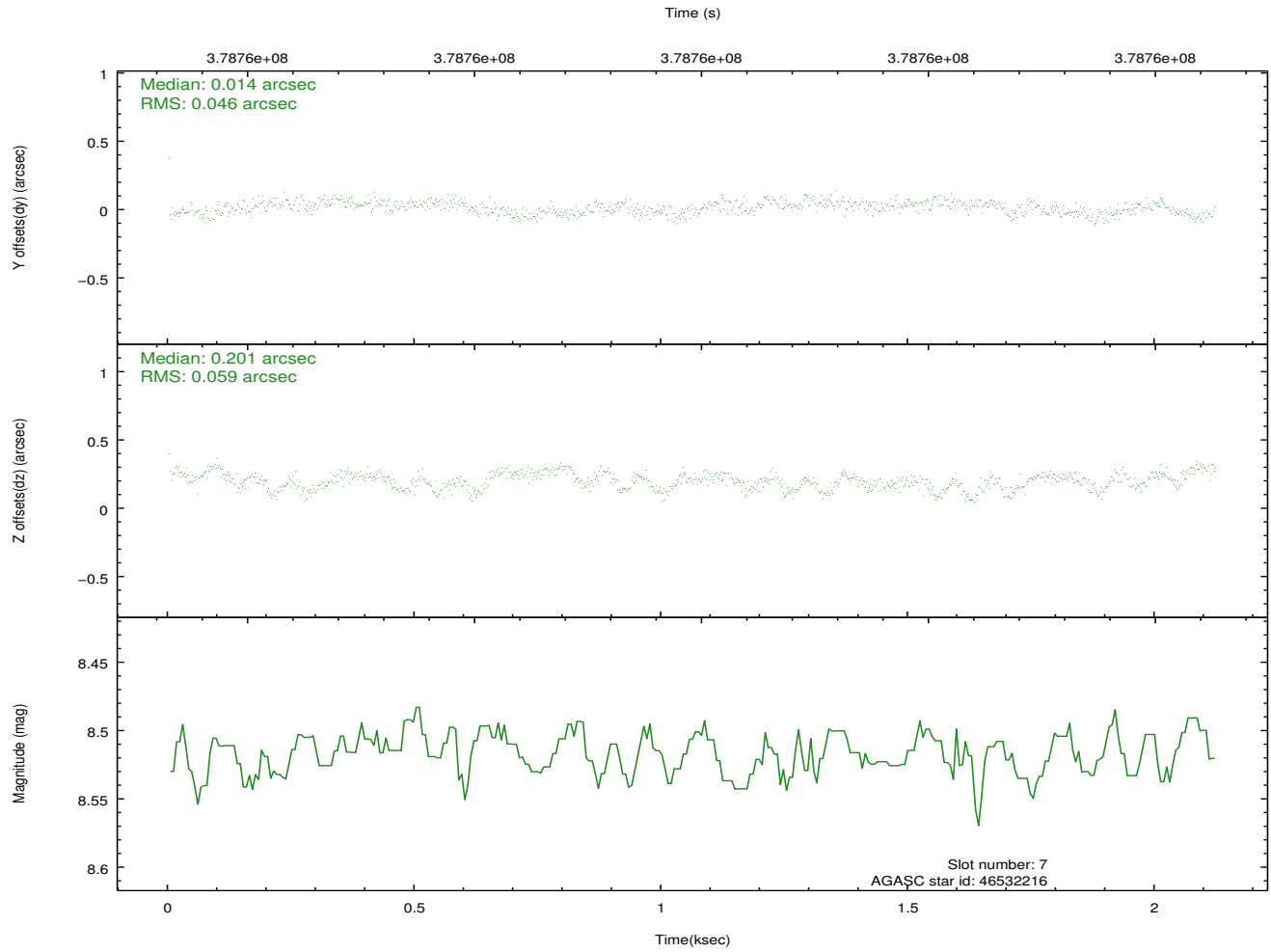
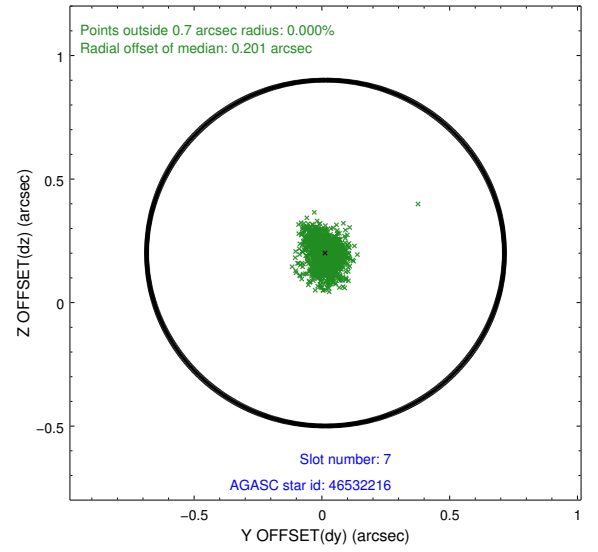
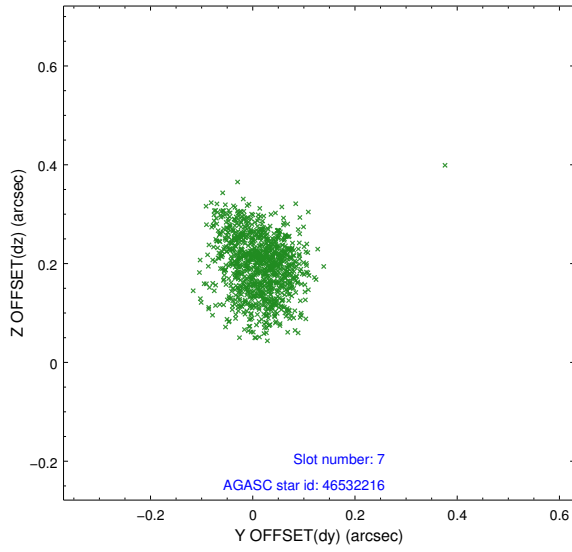
2.4.3 Slot 5



2.4.4 Slot 6

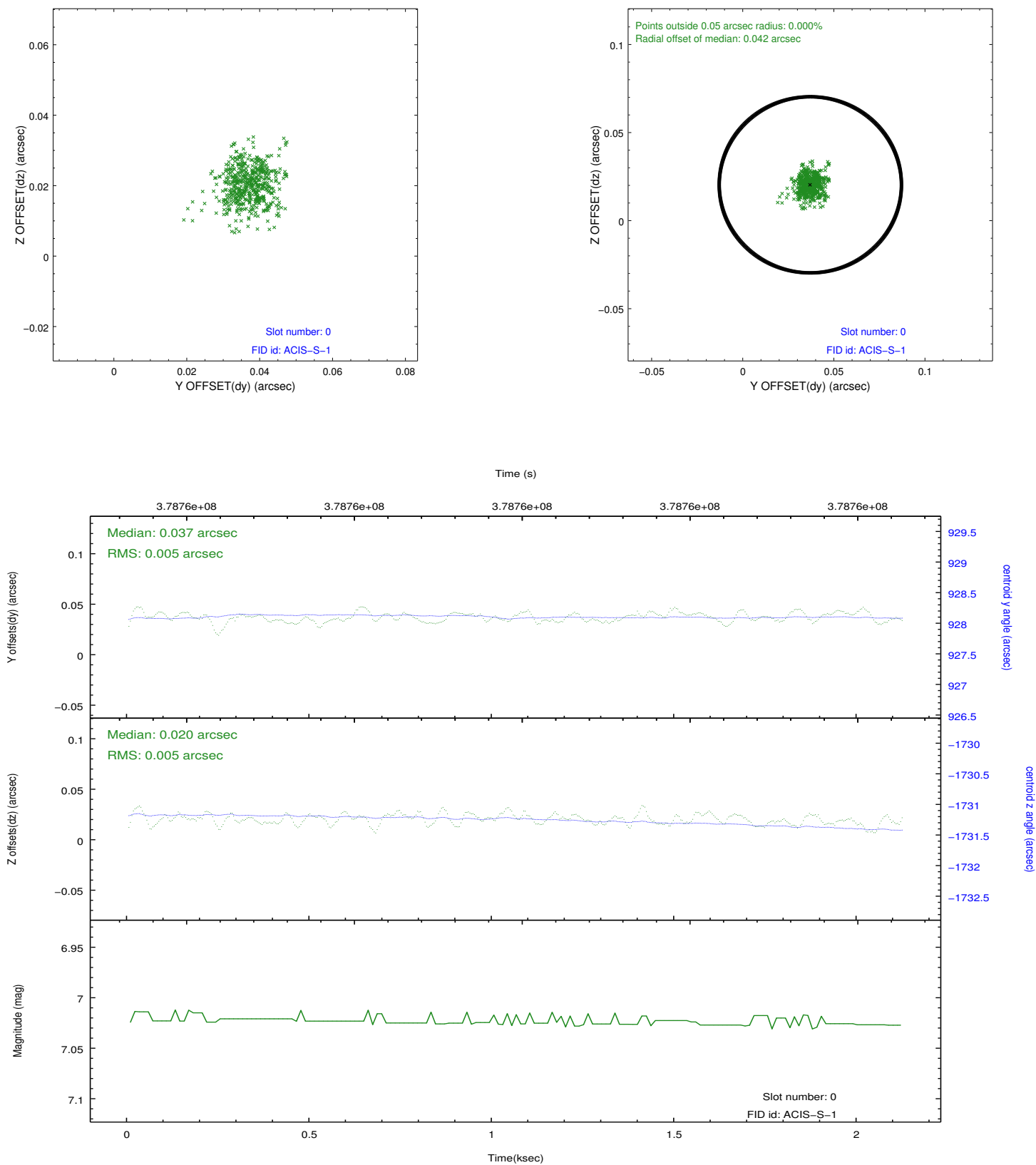


2.4.5 Slot 7

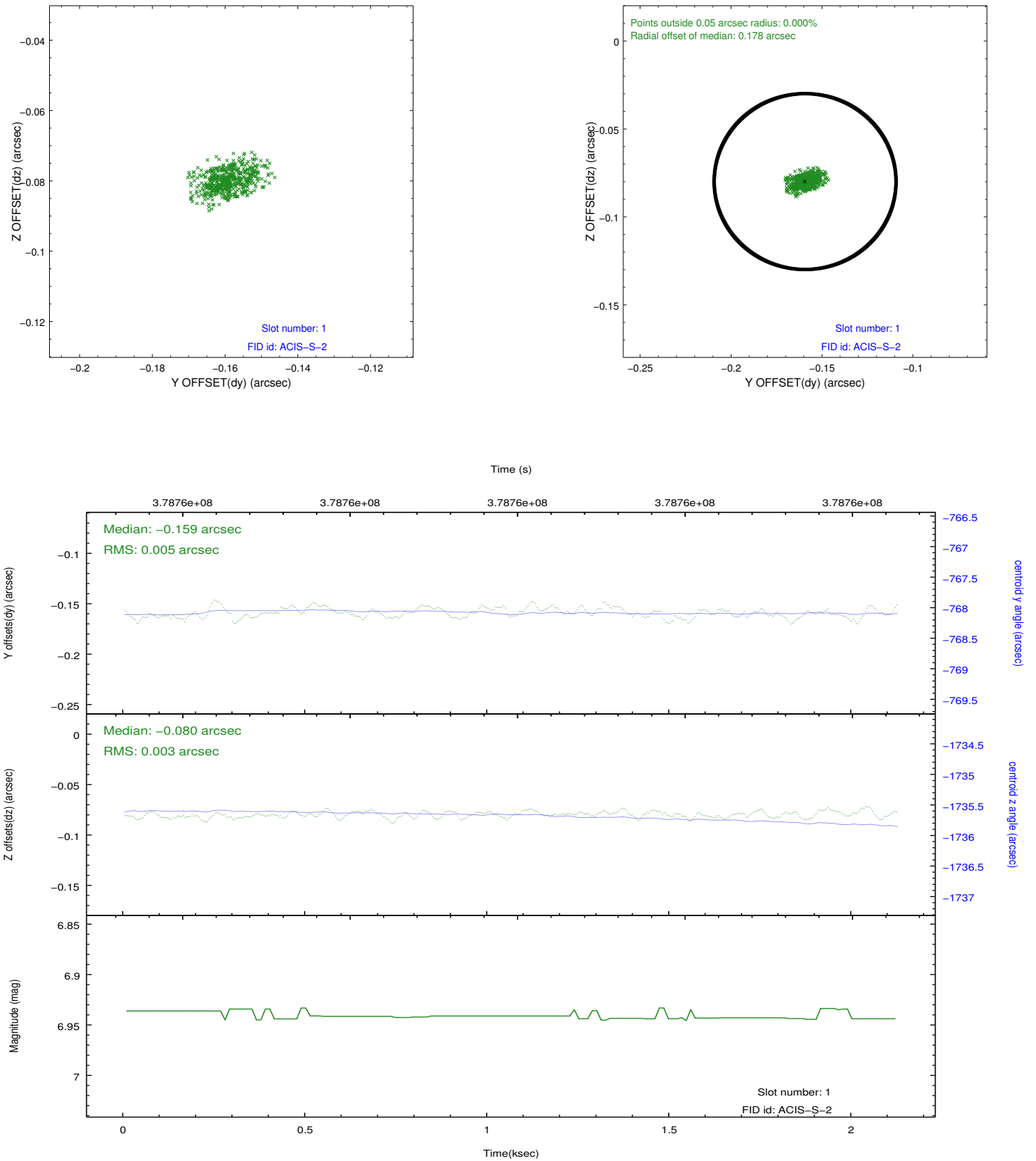


2.5 FID Slots

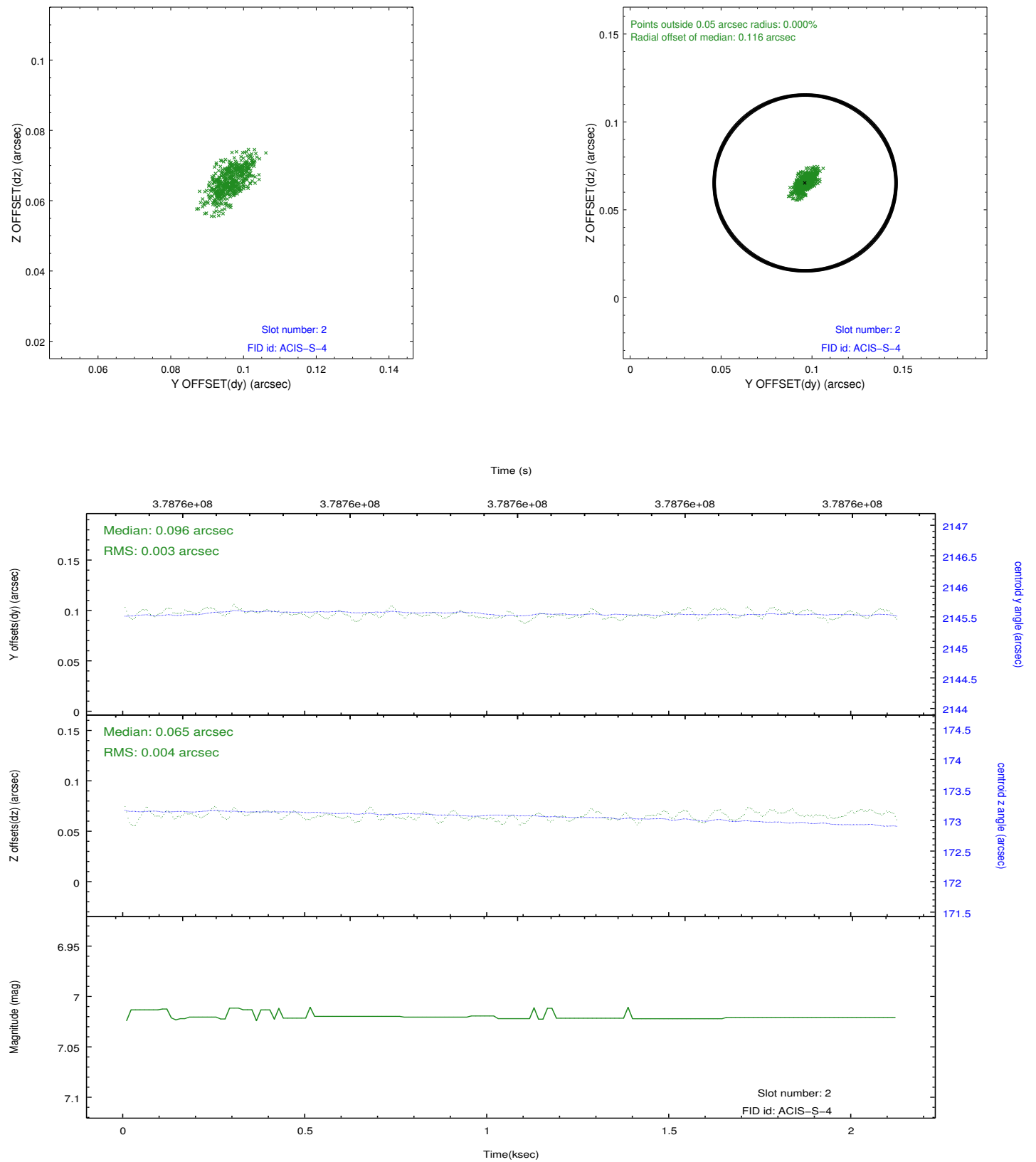
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1207998735905

A.2 Comments