

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11455 - L2 Version 2
Chandra X-Ray Center

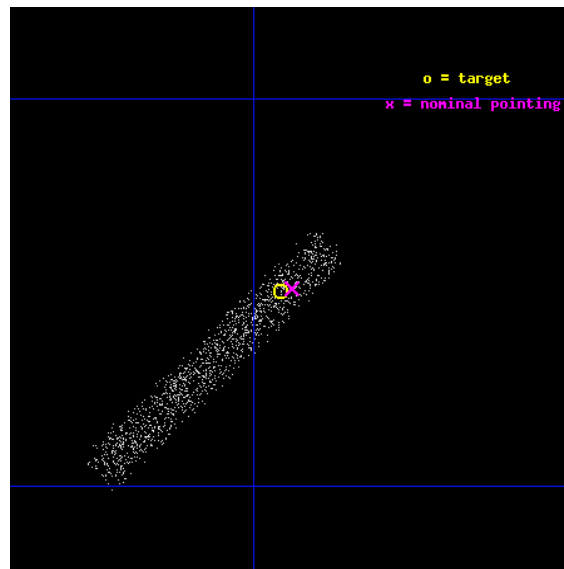
L2 Processing Date : Jun 20 2012

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1 Front

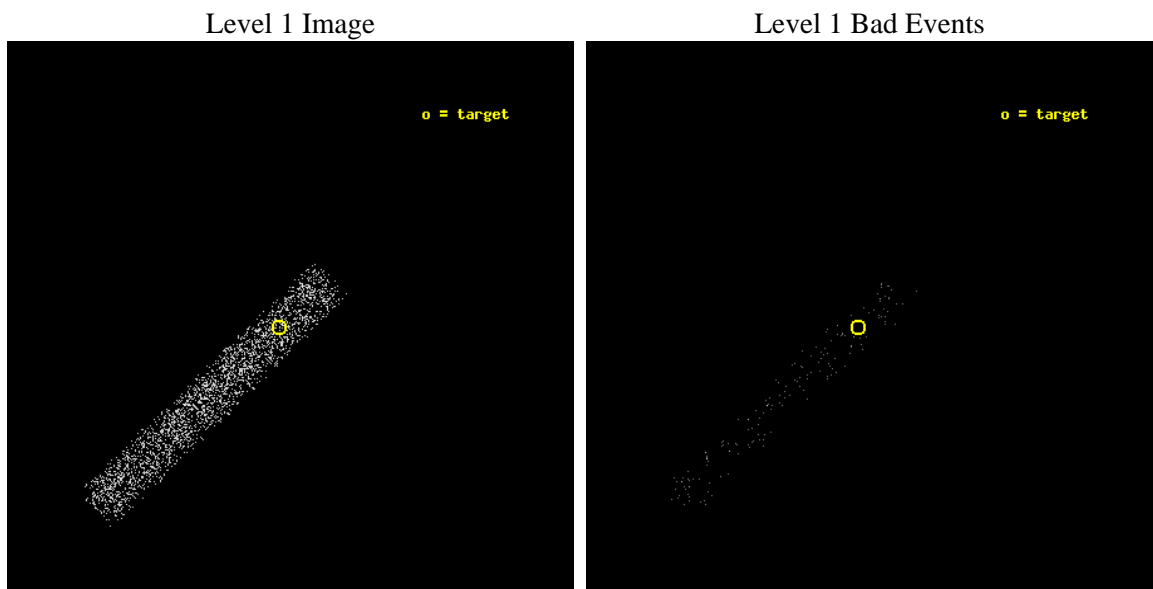
seq_num	702041	Sequence number
obs_id	11455	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J105755.66+482502.0	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	164.482083	Observer's specified target RA [deg]
dec_targ	48.417222	Observer's specified target Dec [deg]
ra_nom	164.47504481474	Nominal RA [deg]
dec_nom	48.418238021617	Nominal Dec [deg]
roll_nom	135.84219732732	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2171.5998705626	Sum of GTIs [s]
livetime	1969.5264561605	Livetime [s]
ontime7	2171.5998705626	Sum of GTIs [s]
l2events	1376	Number of level 2 events



2 OBI

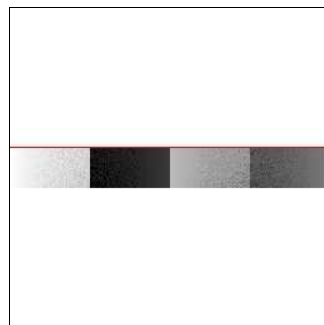
2.1 OBI

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	2171.5998705626	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2171.5998705626	Sum of GTIs [s]
date	2012-06-20T23:48:56	Date and time of file creation	l1events	4281	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

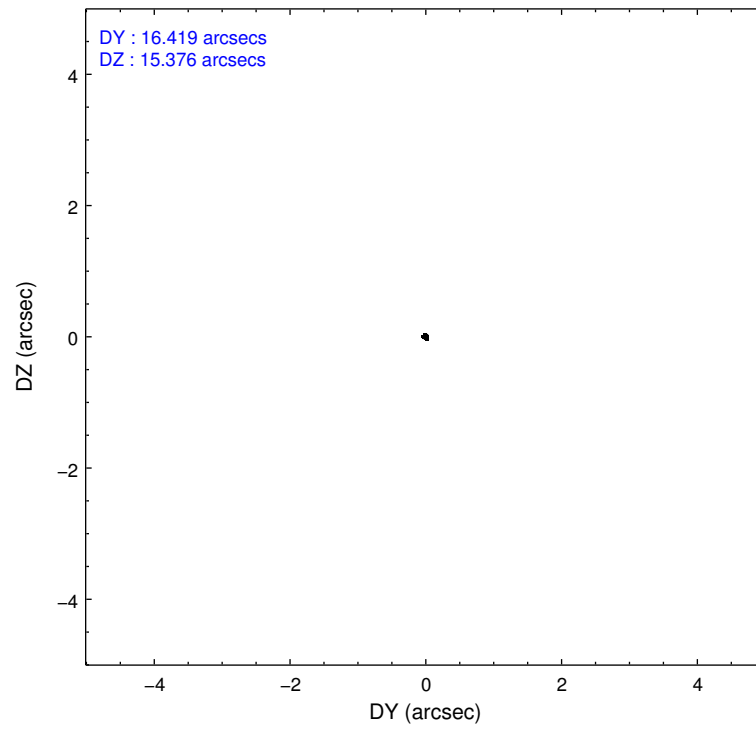
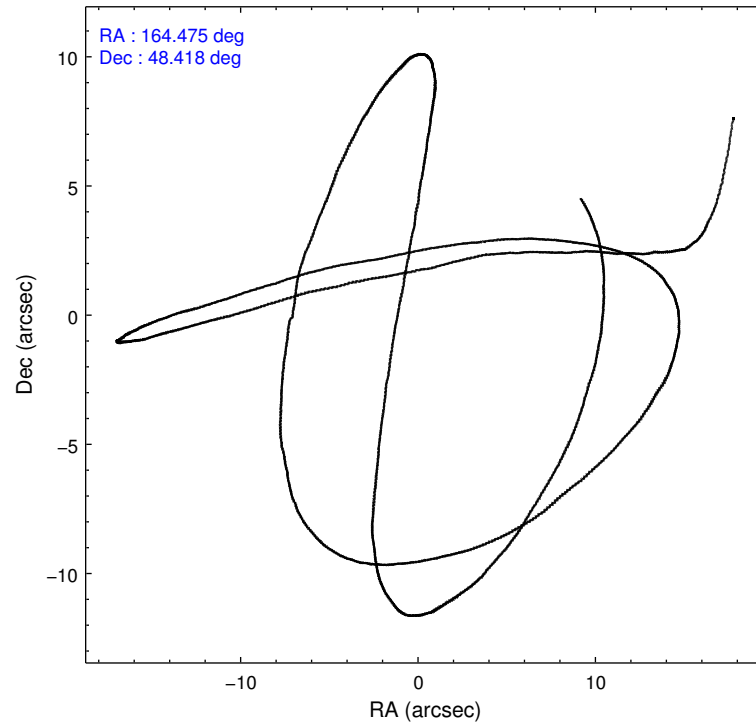
	ccd 7
level 1 events	4281
rejected events	2841
rejected %	66%

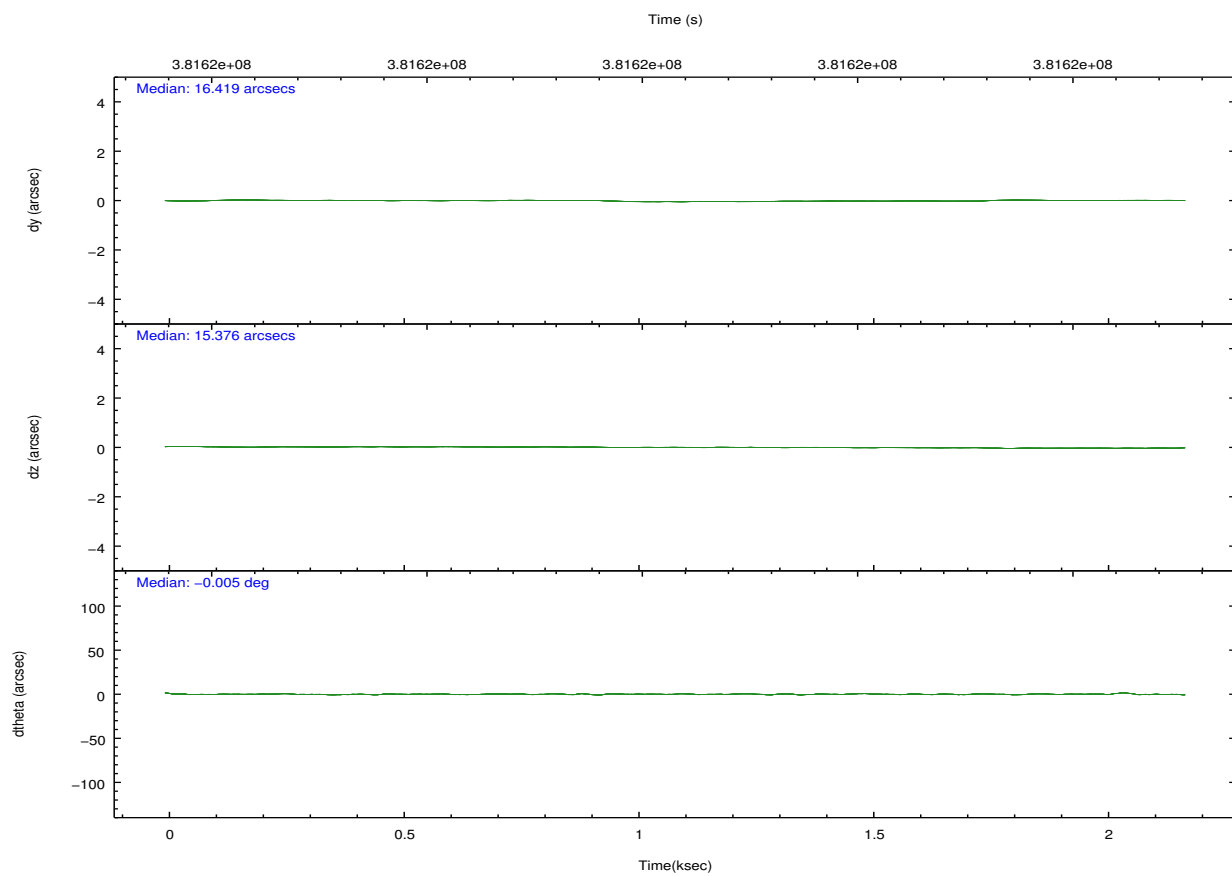
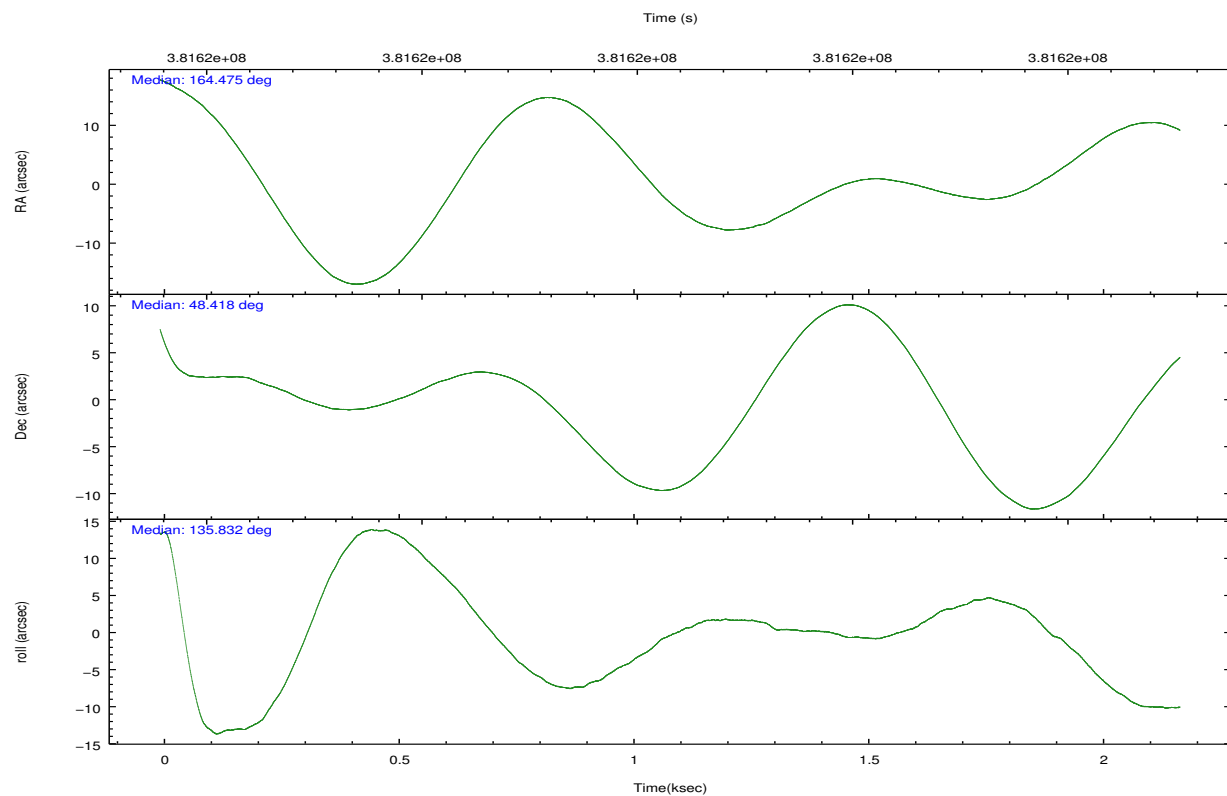
	ccd 7
grade 0 events	236
	5%
grade 1 events	4
	0%
grade 2 events	412
	9%
grade 3 events	304
	7%
grade 4 events	260
	6%
grade 5 events	459
	10%
grade 6 events	916
	21%
grade 7 events	1690
	39%

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	164.515029	164.475044814736	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	48.411932	48.41823802161672	Subarray start row	449	449
[deg] Pointing Roll	135.655430	135.8421973273155	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	381619650.184000	381618454.30985			
Observation start date	2010-02-03T21:26:24	2010-02-03T21:07:34			
[s] Observation end time (MET)	381621650.184000	381622558.92255			
Observation end date	2010-02-03T21:59:44	2010-02-03T22:15:58			
Read mode	TIMED	TIMED			

2.3 Aspect



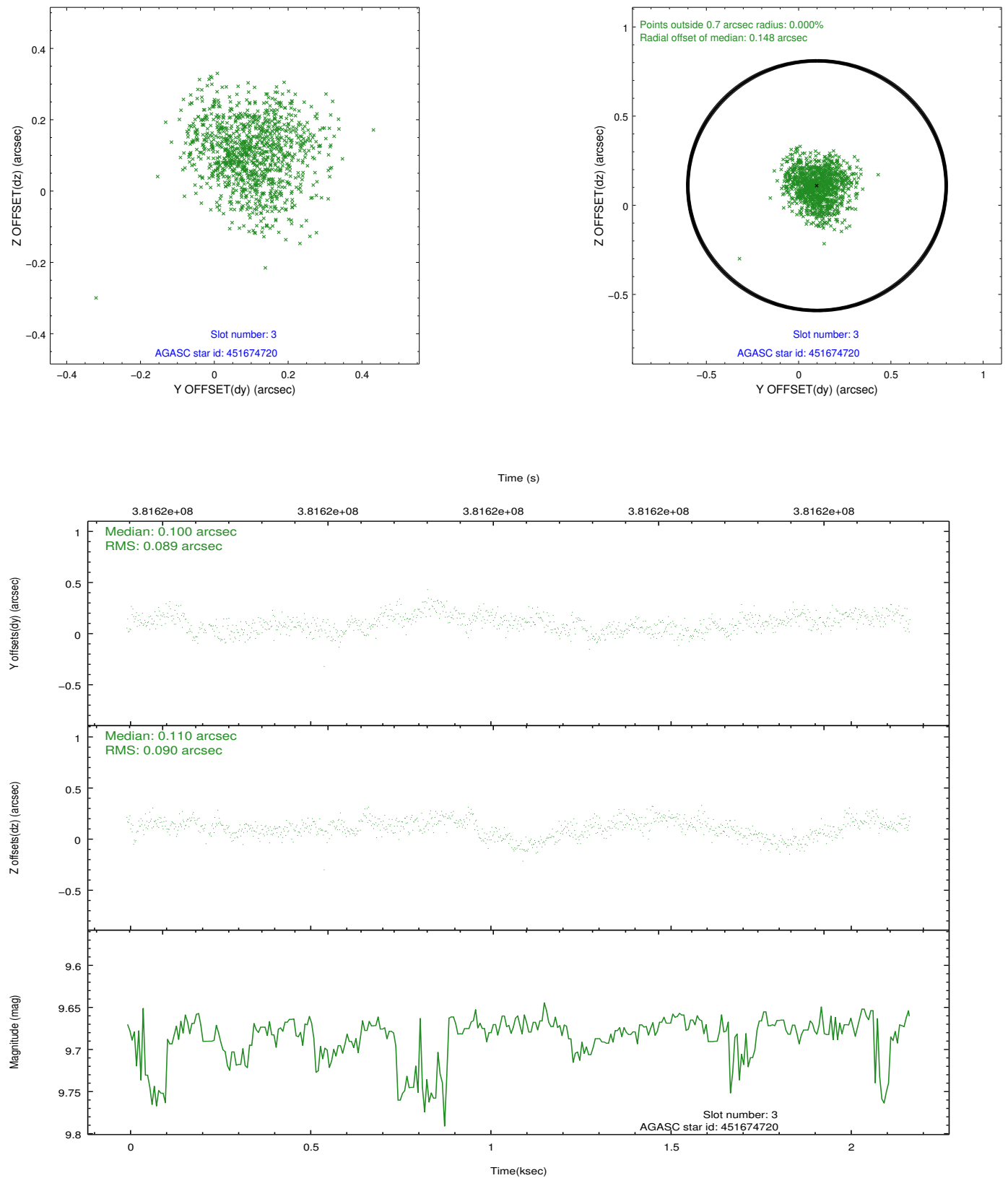


Slot Statistics

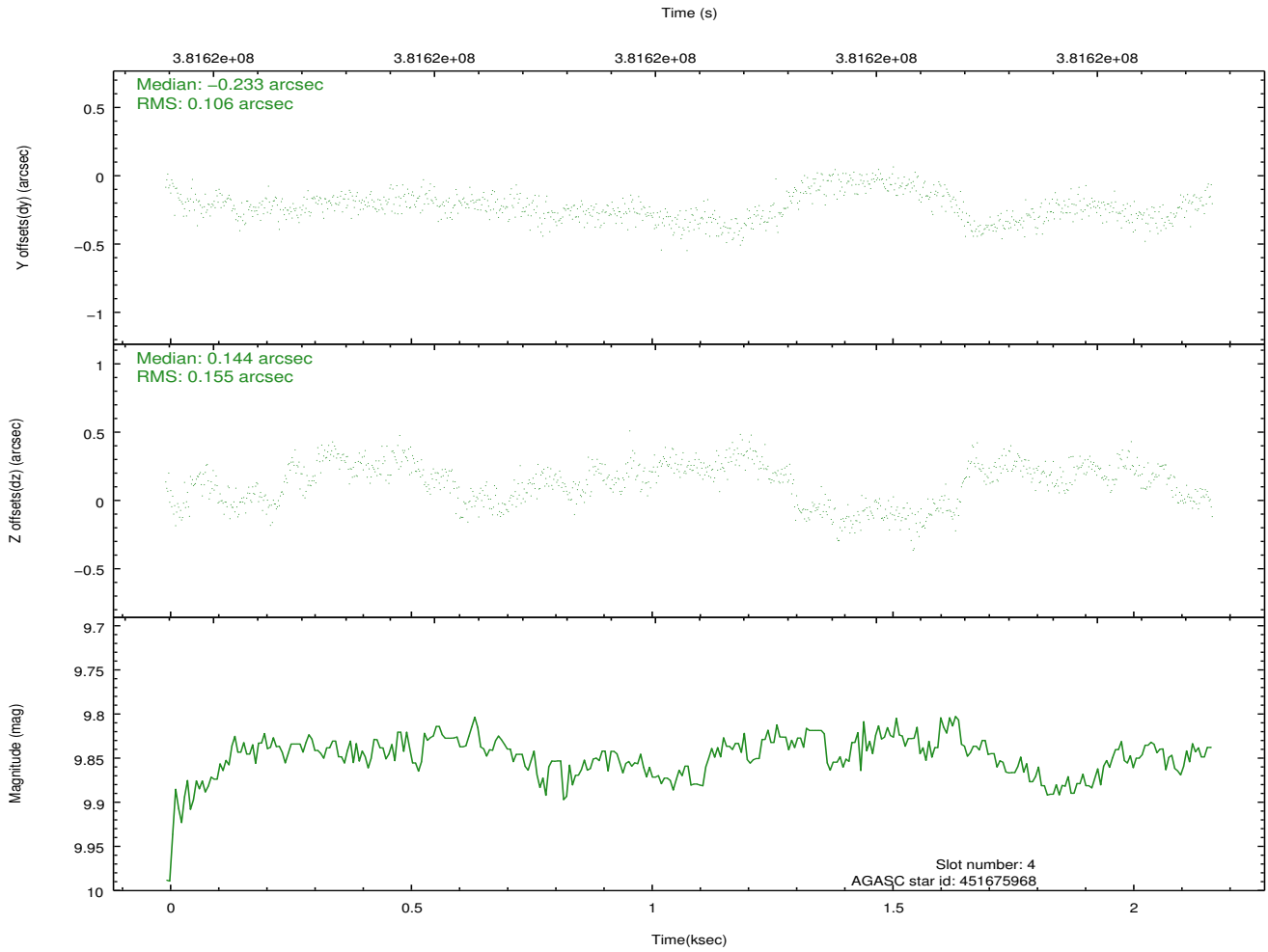
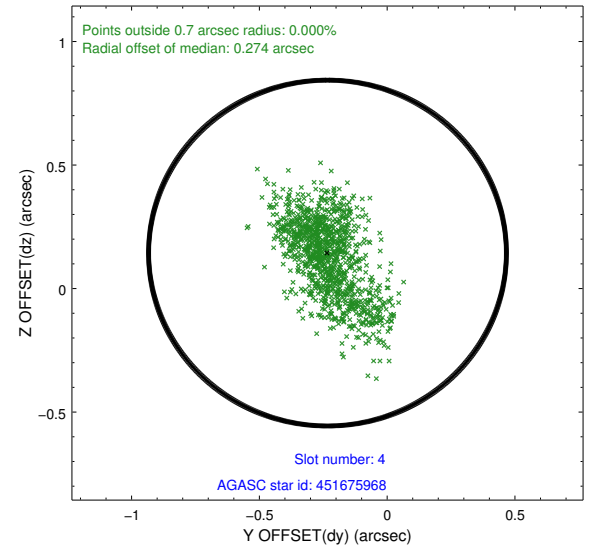
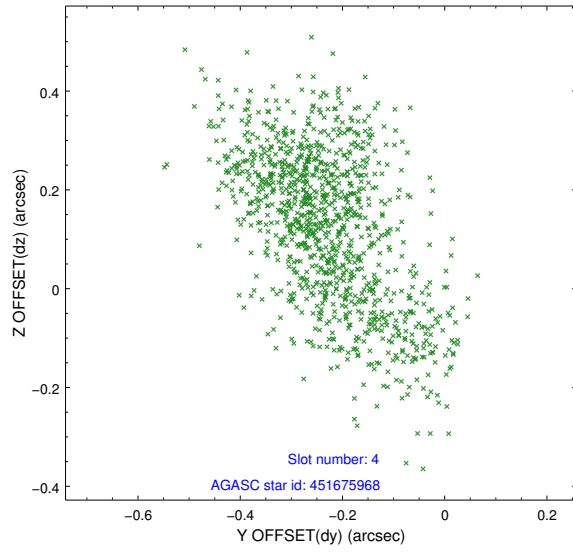
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	530	-0.097	-0.025	0.006	0.010	0.000000	0.000000	-769.50	-1736.75
1	FID	ACIS-S-4	6.99	530	0.191	0.054	0.005	0.009	0.000000	0.000000	2142.67	168.73
2	FID	ACIS-S-5	7.03	530	-0.126	-0.020	0.006	0.009	0.000000	0.000000	-1818.54	165.70
3	GUIDE	451674720	9.68	1057	0.100	0.110	0.138	0.216	164.278480	48.697470	1121.70	-342.18
4	GUIDE	451675968	9.85	1060	-0.233	0.144	0.197	0.337	164.989402	48.777015	117.91	-1728.96
5	GUIDE	451681216	9.29	1060	-0.023	-0.084	0.107	0.175	164.451008	48.800581	1087.31	-895.81
6	GUIDE	451682616	8.17	1061	0.018	-0.153	0.069	0.109	164.416493	47.758080	-1473.46	1849.19
7	GUIDE	451812072	8.70	1059	0.130	0.006	0.119	0.183	165.083553	48.488632	-773.24	-1146.90

2.4 Star Slots

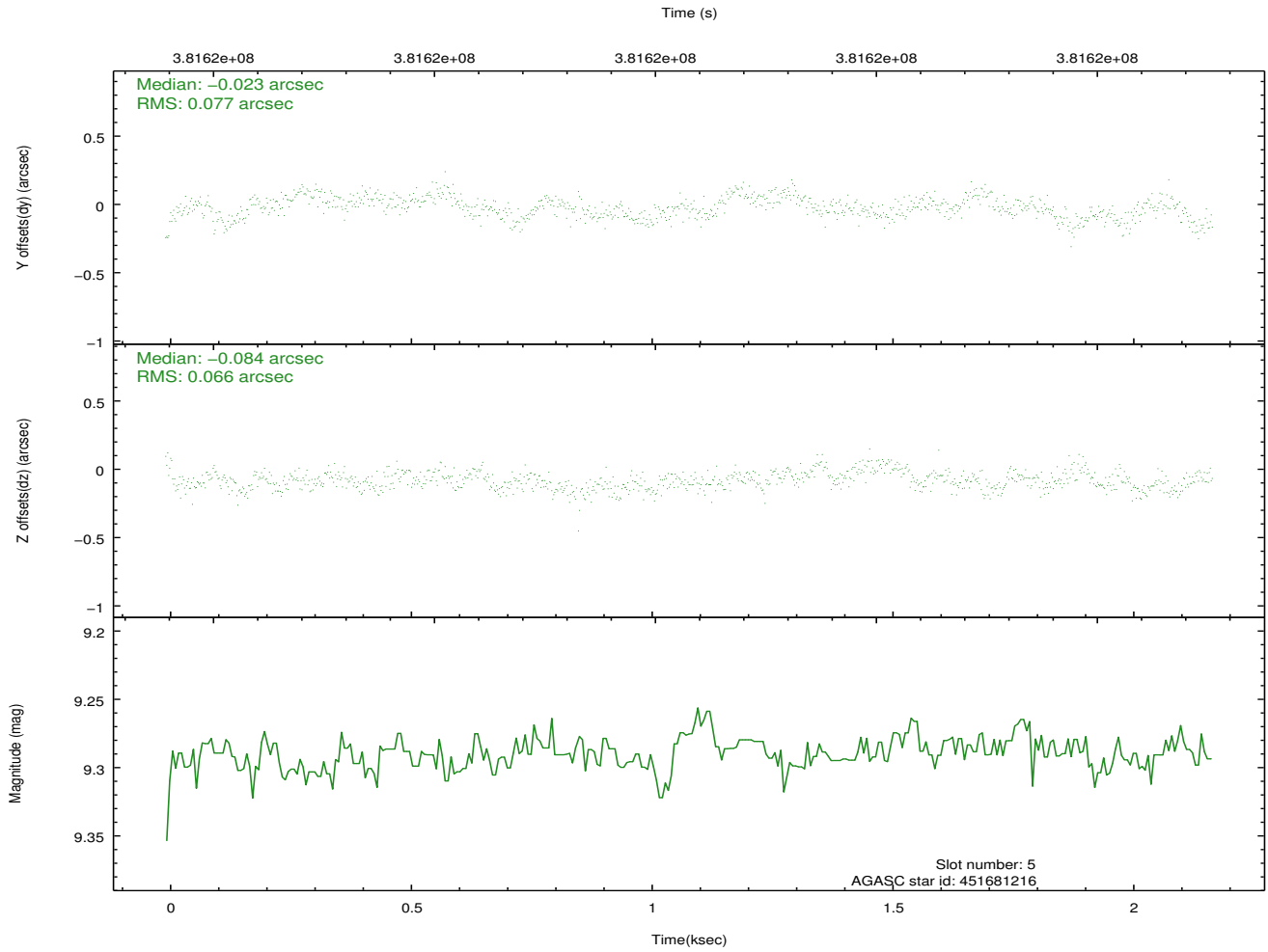
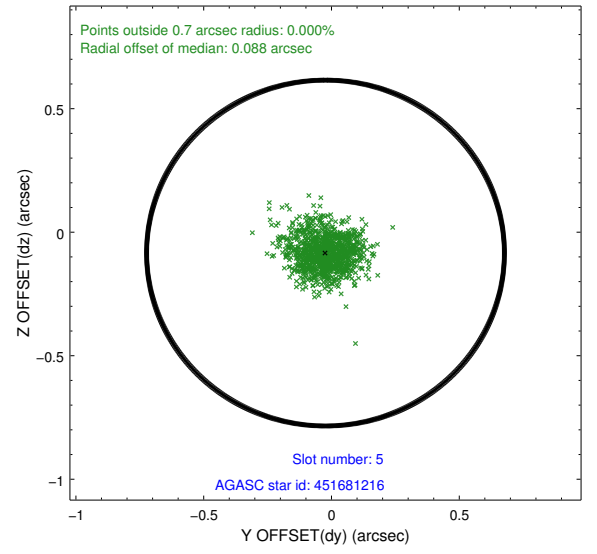
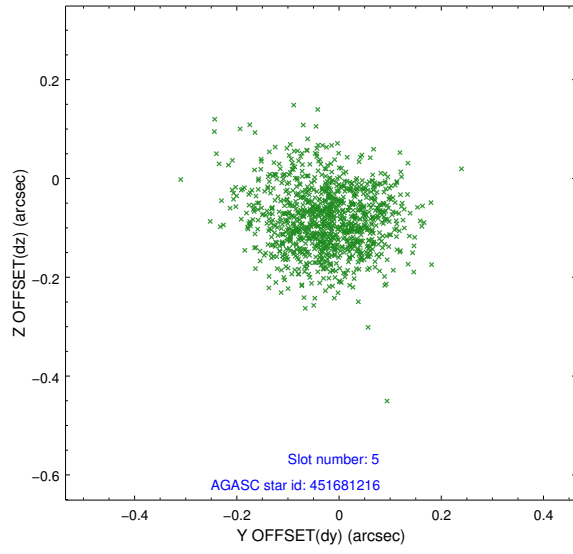
2.4.1 Slot 3



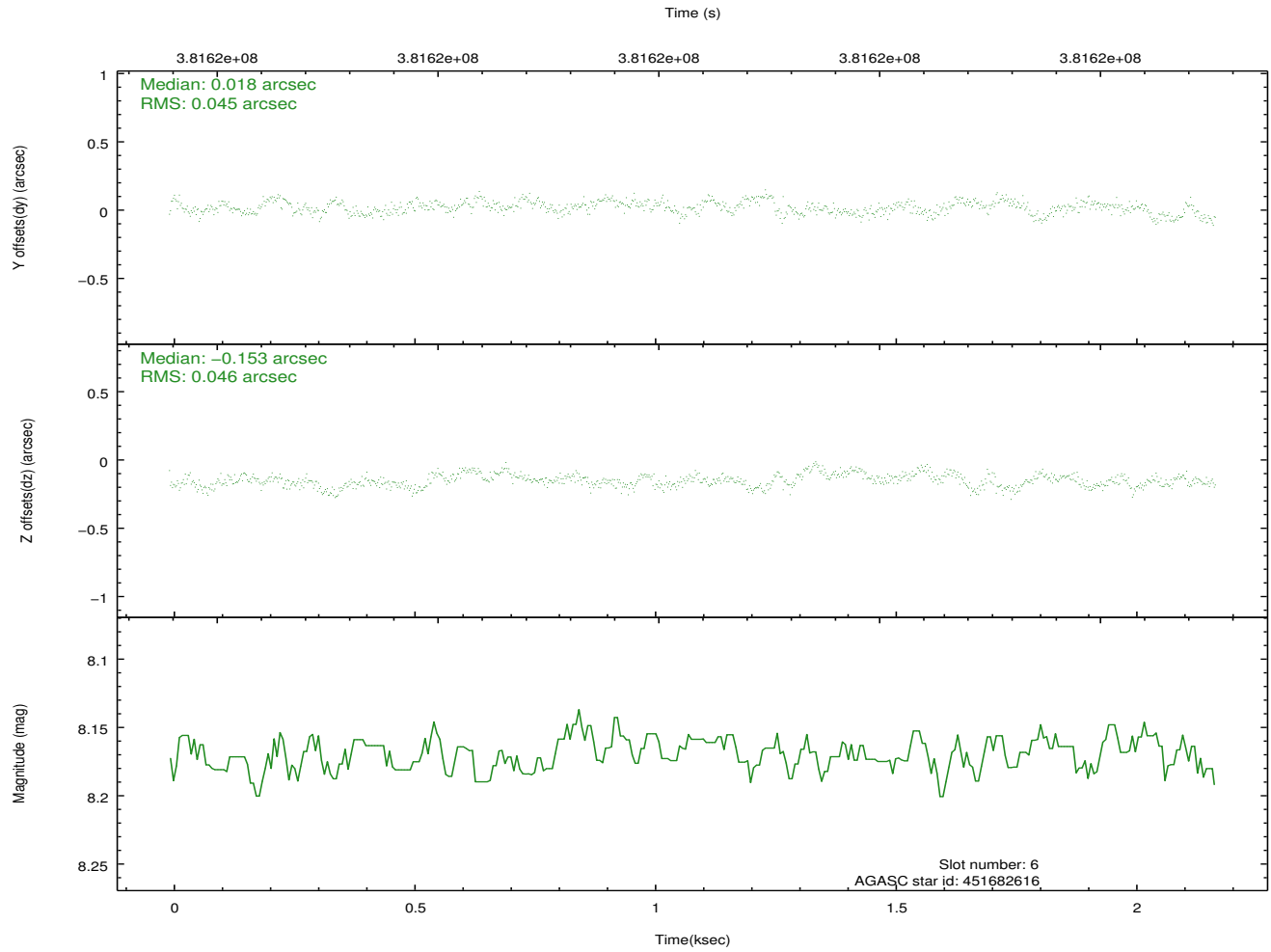
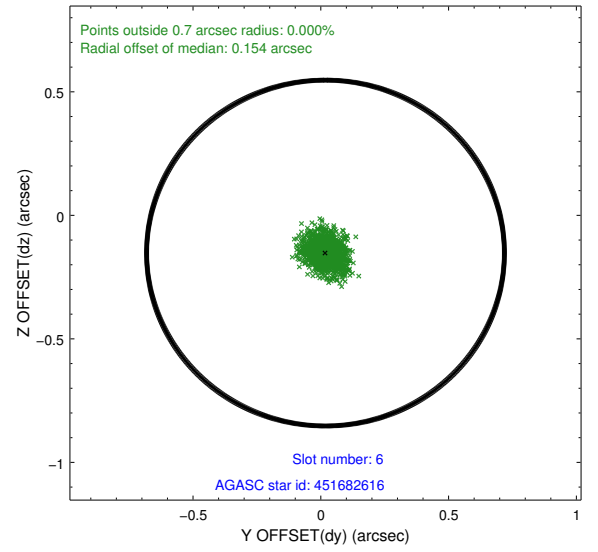
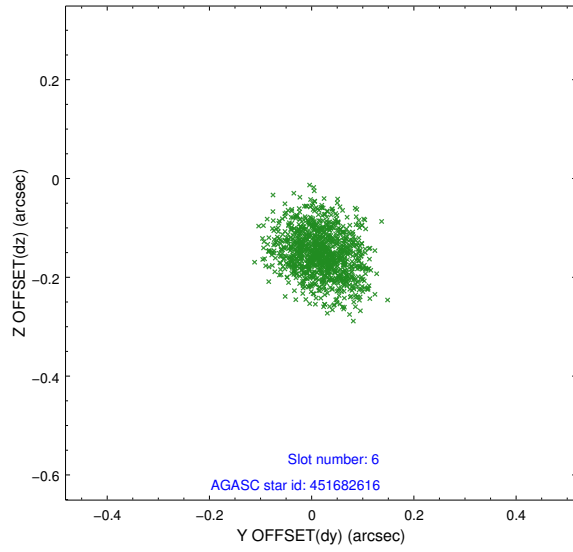
2.4.2 Slot 4



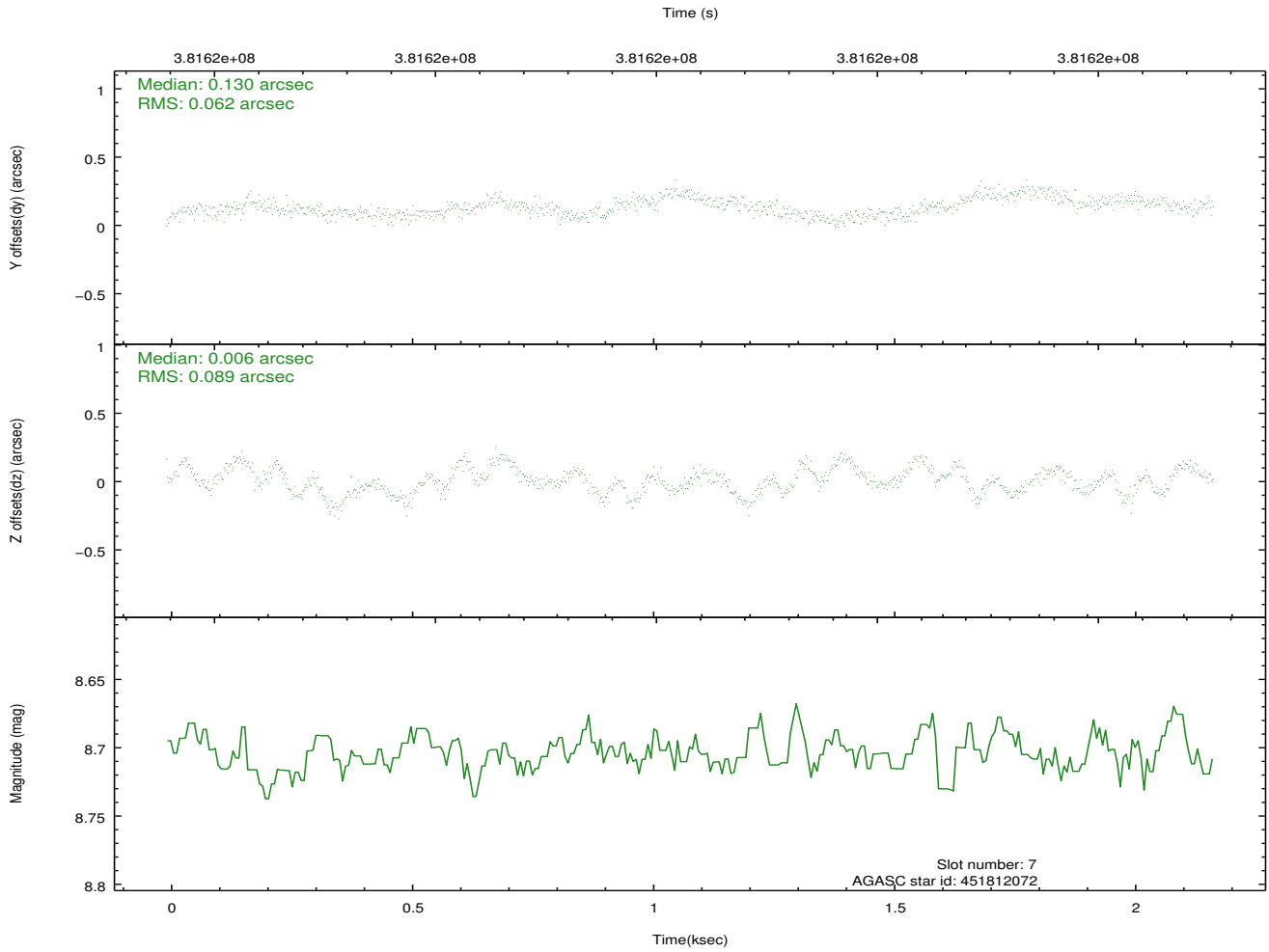
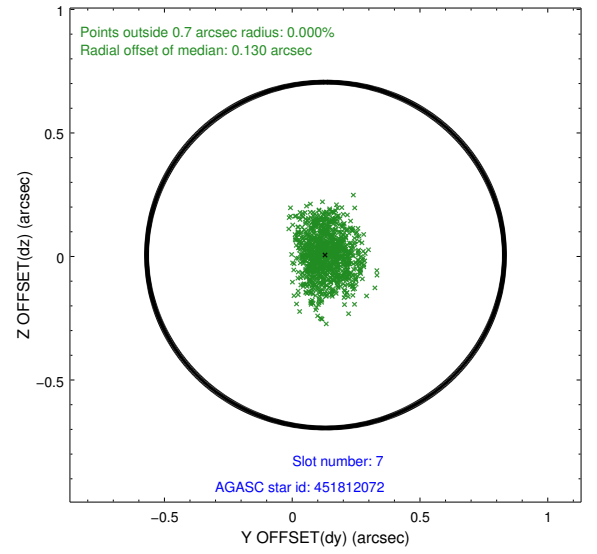
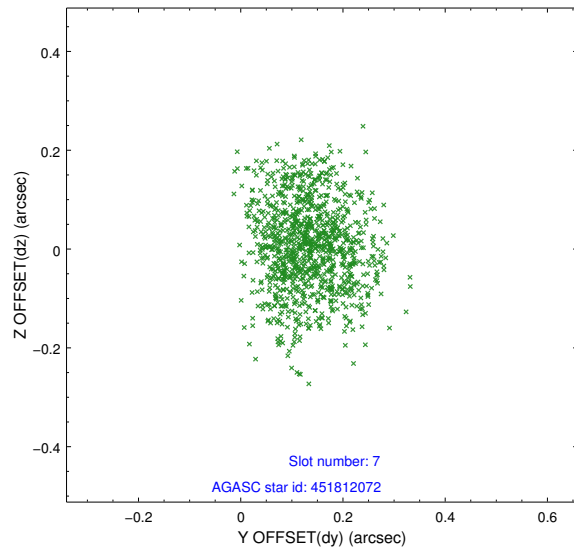
2.4.3 Slot 5



2.4.4 Slot 6

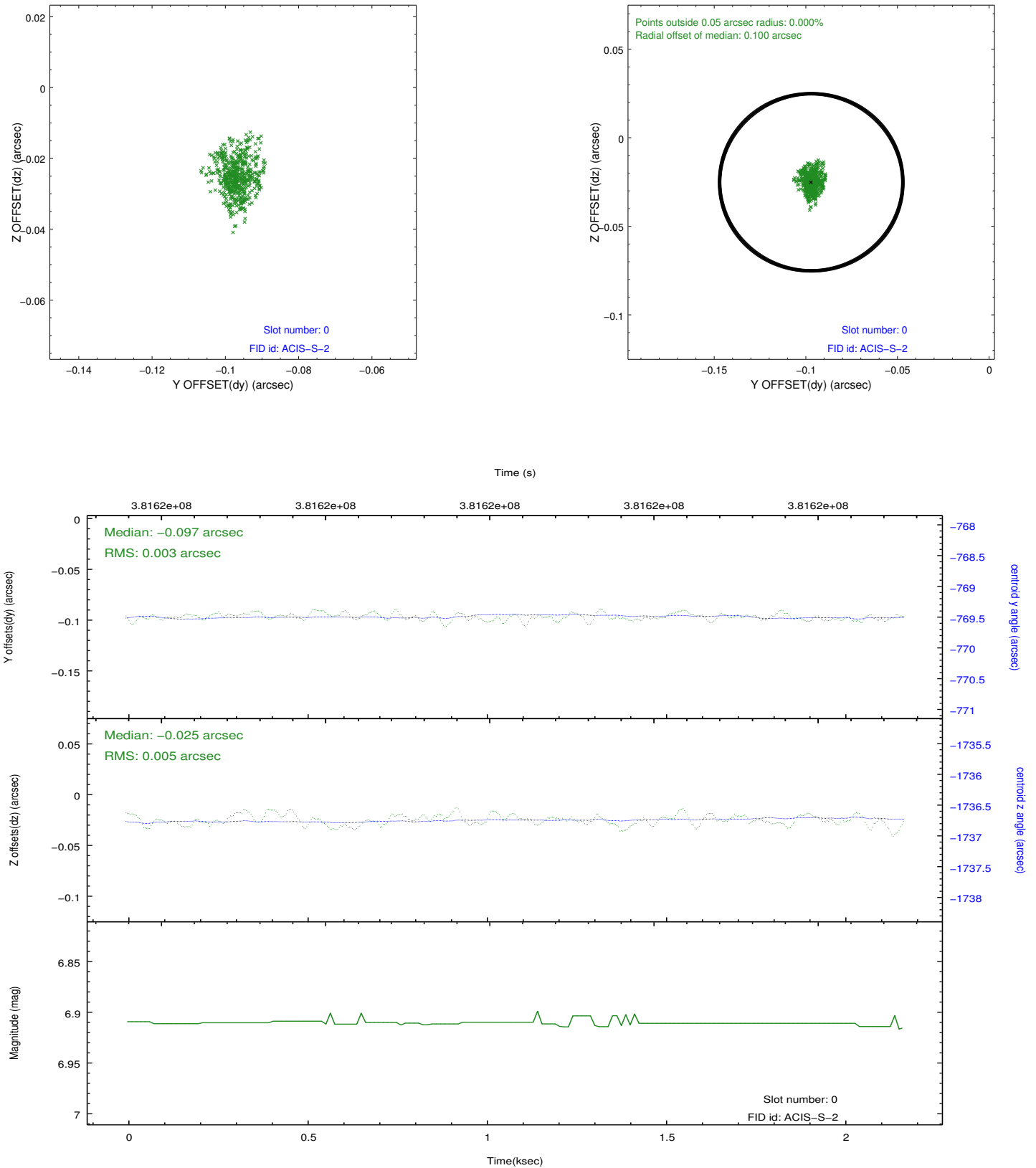


2.4.5 Slot 7

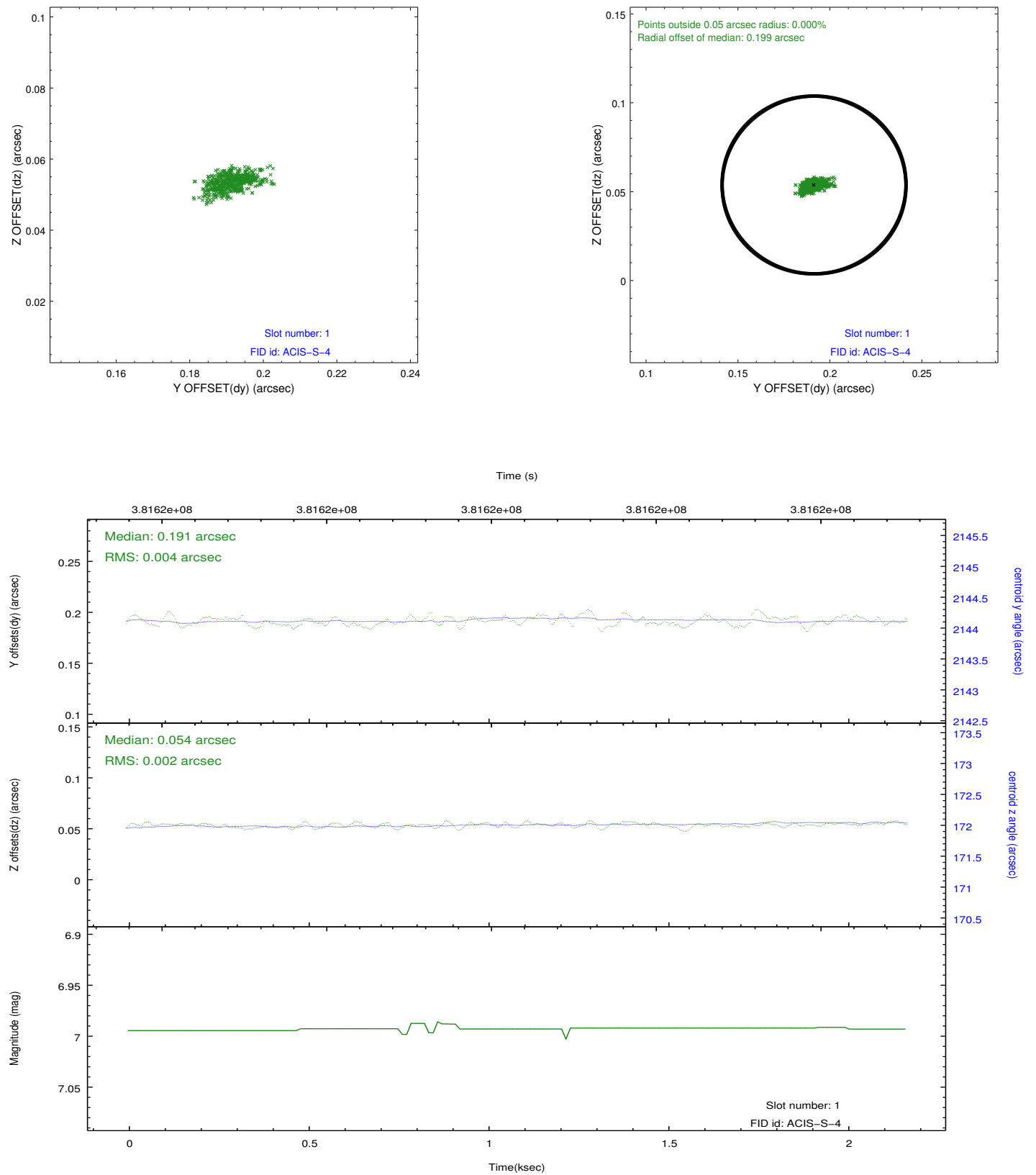


2.5 FID Slots

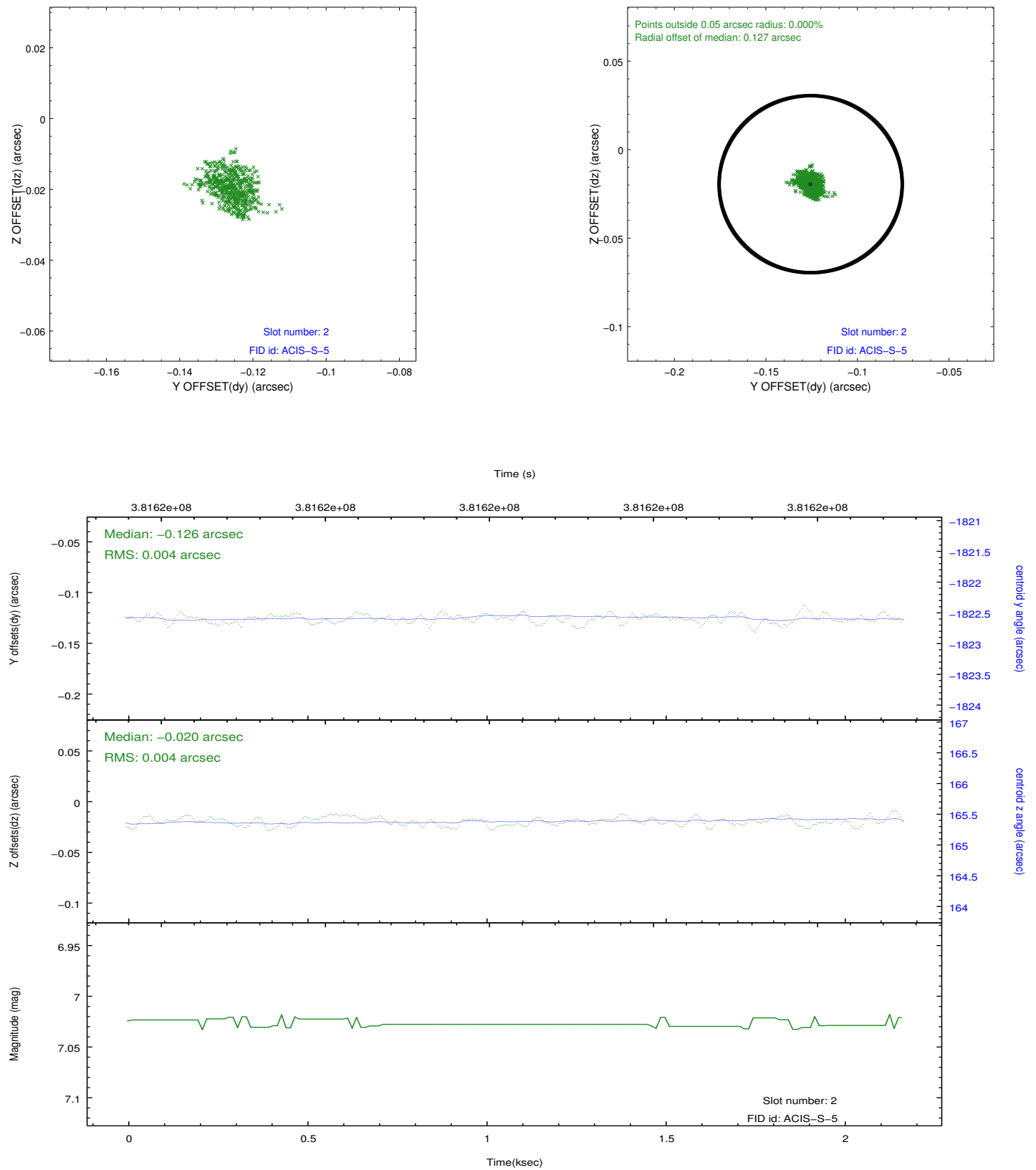
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1715998705626

A.2 Comments