

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11468 - L2 Version 2
Chandra X-Ray Center

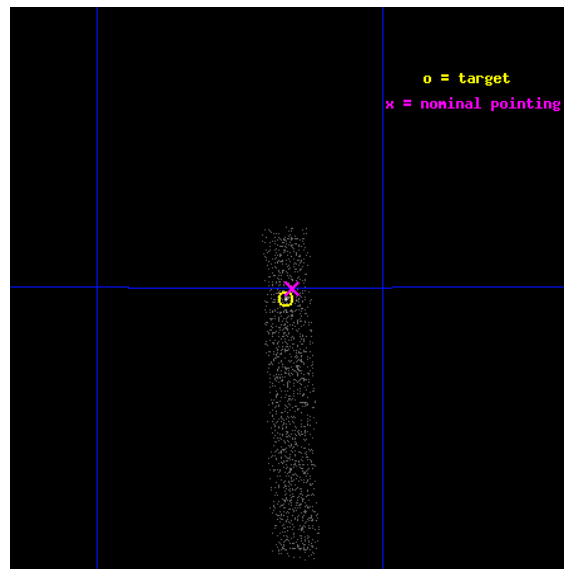
L2 Processing Date : Jun 22 2012

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1 Front

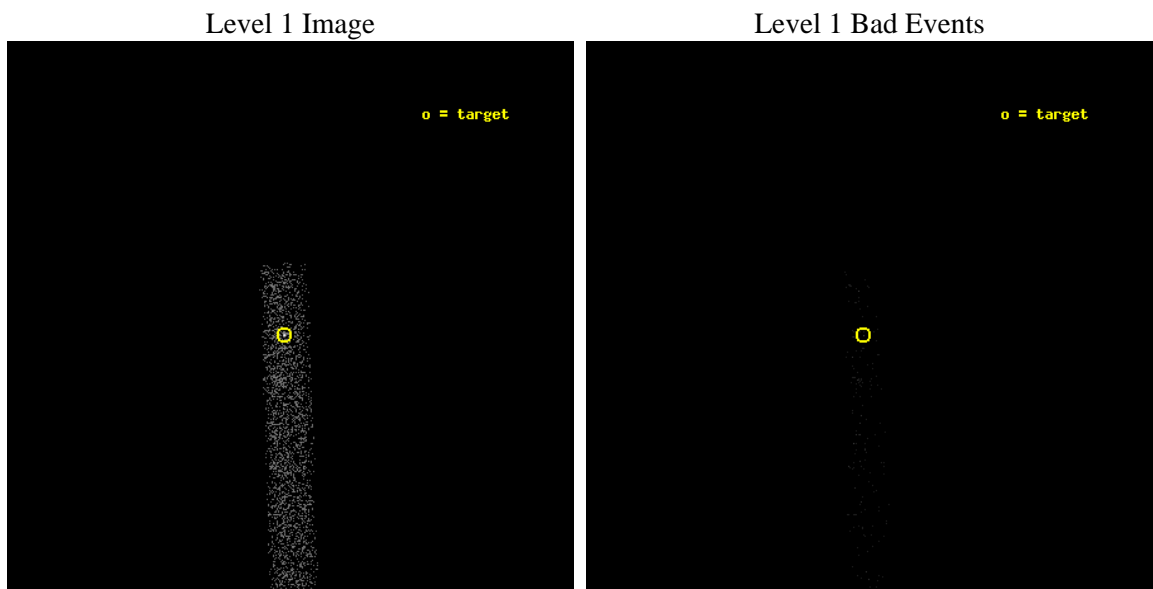
seq_num	702054	Sequence number
obs_id	11468	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J131310.12+051942.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	198.292083	Observer's specified target RA [deg]
dec_targ	5.328361	Observer's specified target Dec [deg]
ra_nom	198.28965264619	Nominal RA [deg]
dec_nom	5.3327228352075	Nominal Dec [deg]
roll_nom	88.023052652552	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2186.3998696804	Sum of GTIs [s]
livetime	1982.9492741524	Livetime [s]
ontime7	2186.3998696804	Sum of GTIs [s]
l2events	1792	Number of level 2 events



2 OBI

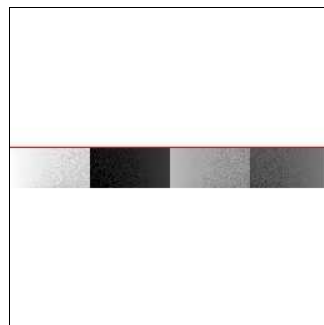
2.1 OBI

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	2186.3998696804	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2186.3998696804	Sum of GTIs [s]
date	2012-06-22T04:28:09	Date and time of file creation	l1events	4068	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

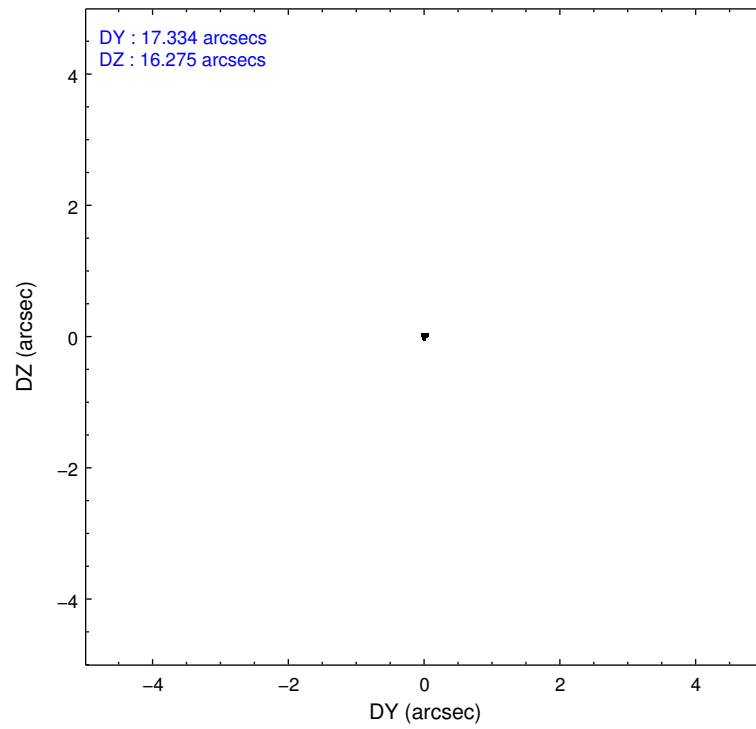
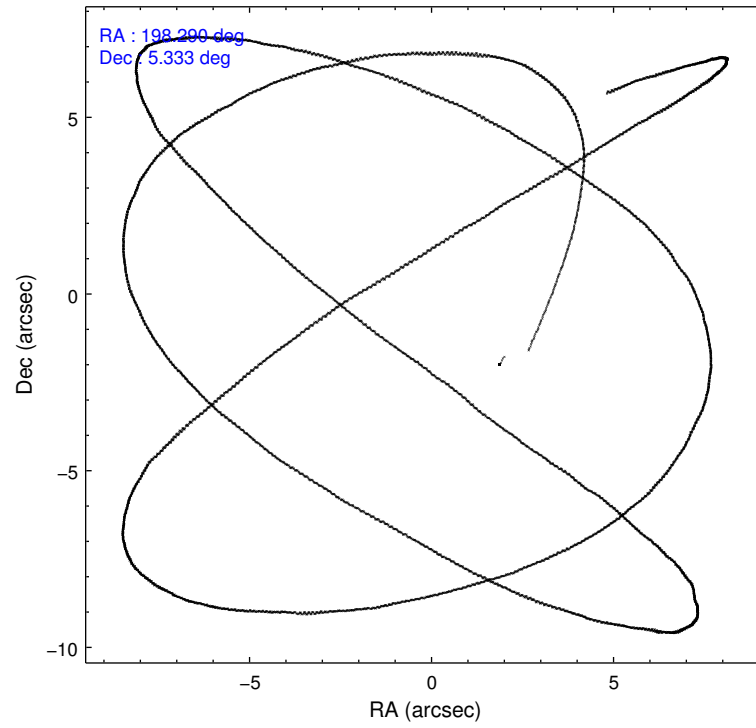
	ccd 7
level 1 events	4068
rejected events	2192
rejected %	53%

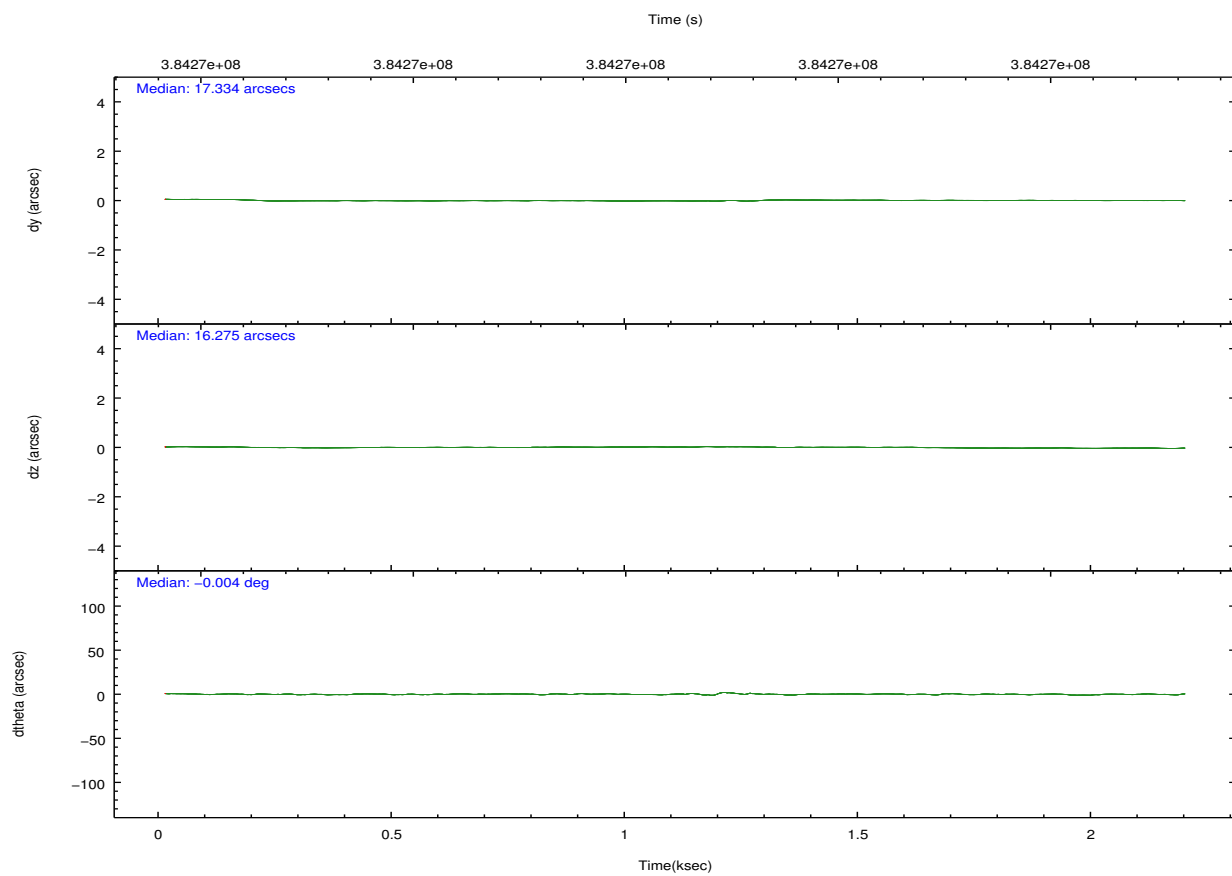
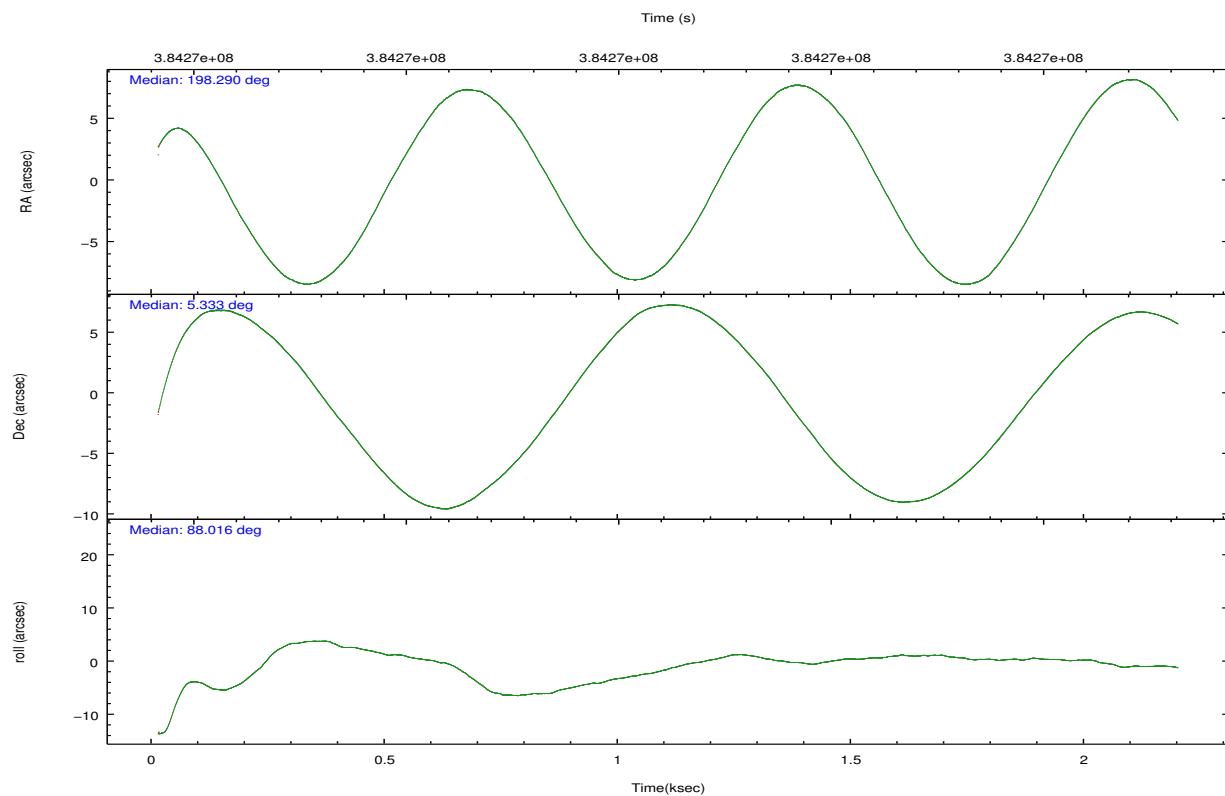
	ccd 7
grade 0 events	330
	8%
grade 1 events	6
	0%
grade 2 events	427
	10%
grade 3 events	343
	8%
grade 4 events	295
	7%
grade 5 events	374
	9%
grade 6 events	846
	20%
grade 7 events	1447
	35%

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	198.302902	198.2896526461882	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	5.308617	5.332722835207535	Subarray start row	449	449
[deg] Pointing Roll	87.865240	88.023052652552	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)	384272716.184000	384271844.78186			
Observation start date	2010-03-06T14:24:10	2010-03-06T14:10:44			
[s] Observation end time (MET)	384274716.184000	384275492.24454			
Observation end date	2010-03-06T14:57:30	2010-03-06T15:11:32			
Read mode	TIMED	TIMED			

2.3 Aspect



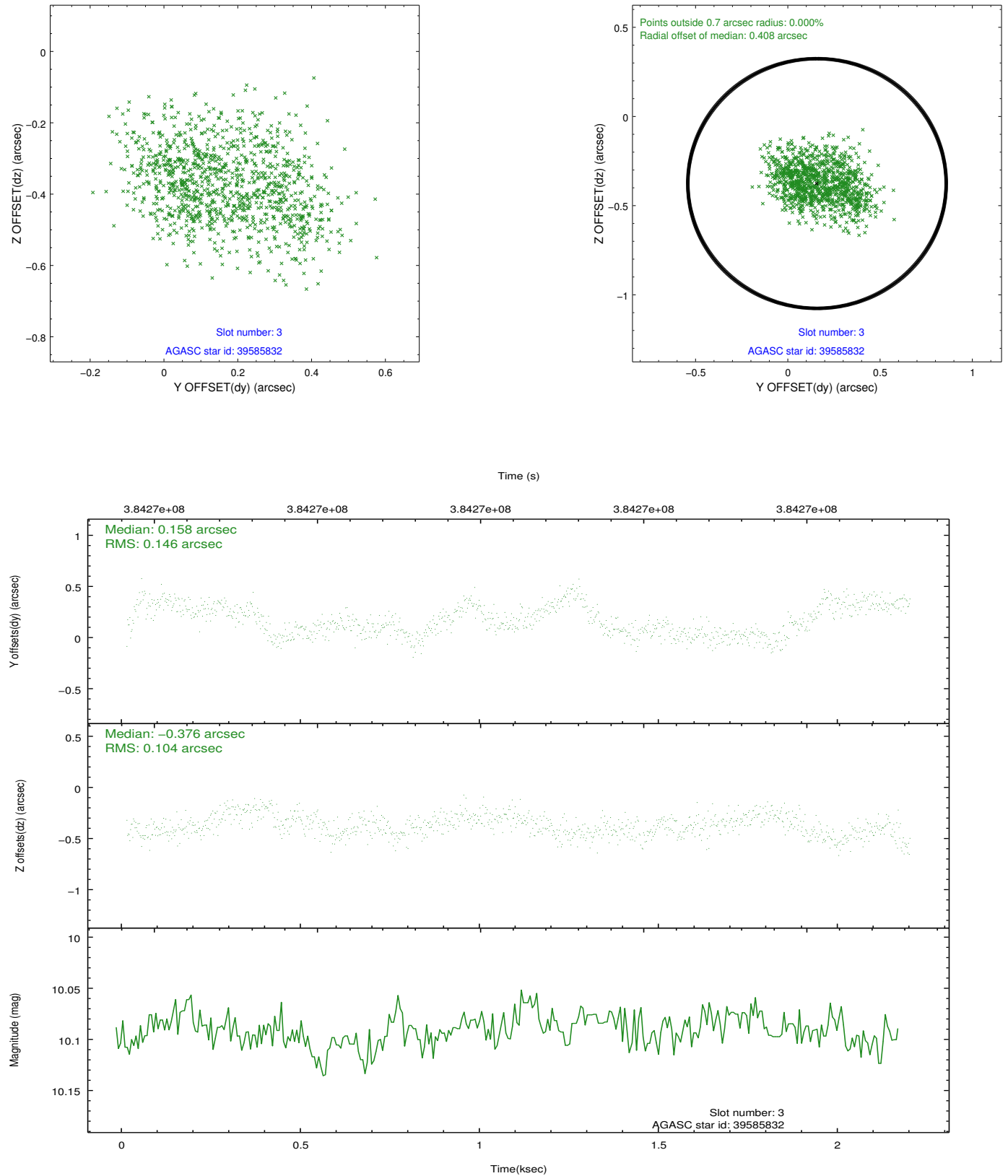


Slot Statistics

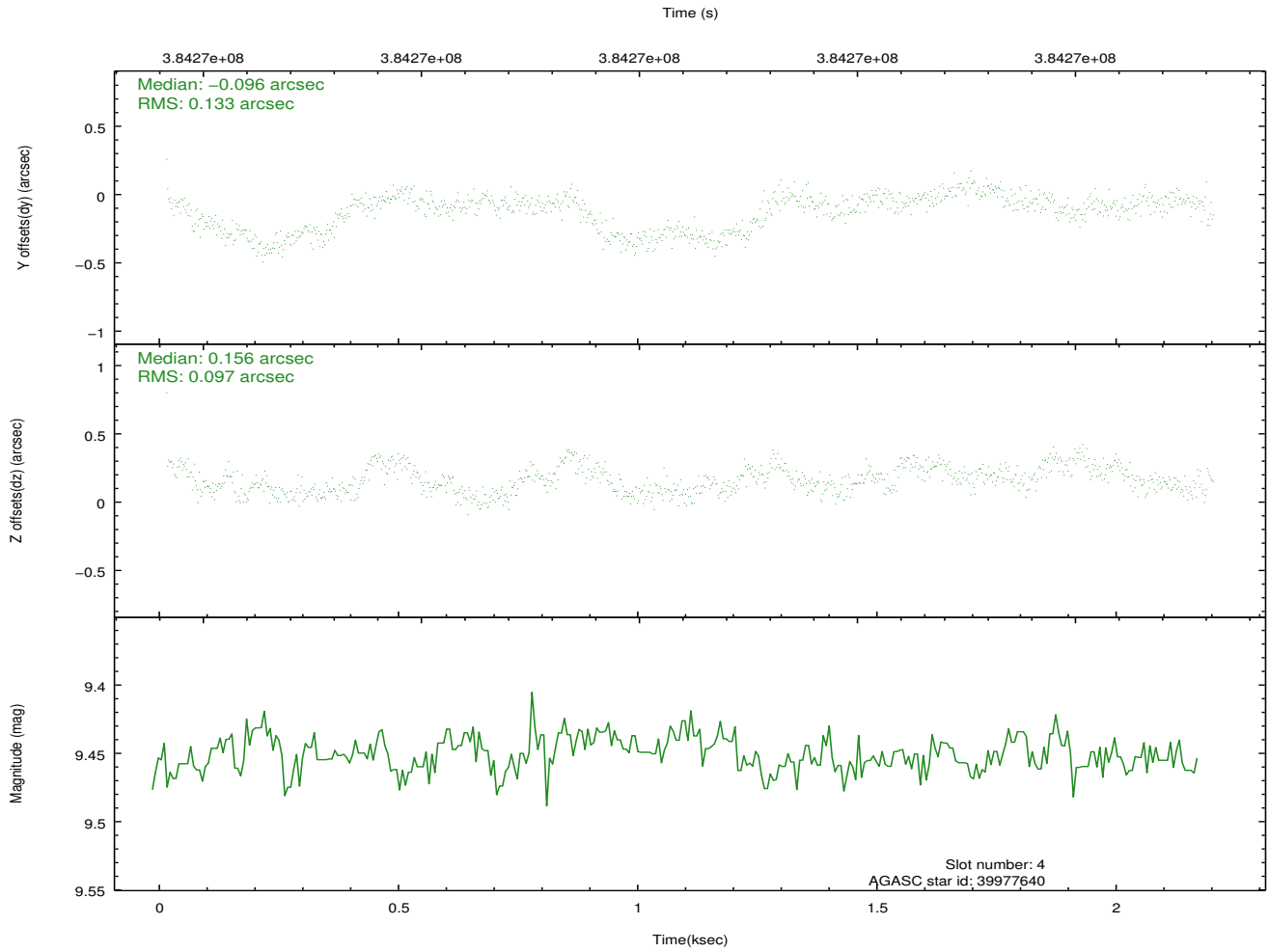
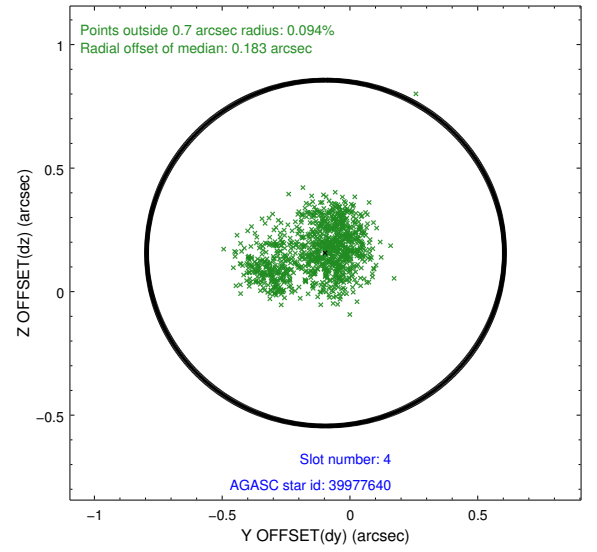
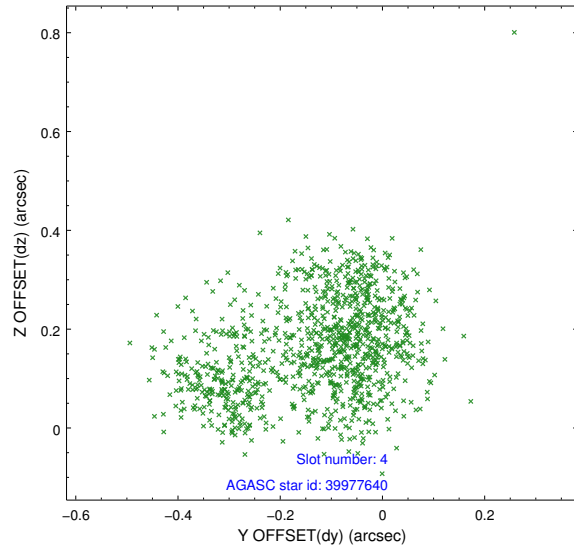
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.94	533	-0.076	-0.014	0.007	0.012	0.000000	0.000000	-770.44	-1737.70
1	FID	ACIS-S-4	7.02	534	0.177	0.040	0.005	0.010	0.000000	0.000000	2141.71	167.75
2	FID	ACIS-S-5	7.05	534	-0.132	-0.017	0.006	0.012	0.000000	0.000000	-1819.53	164.75
3	GUIDE	39585832	10.09	1067	0.158	-0.376	0.193	0.296	197.648228	4.801153	-1912.92	2279.07
4	GUIDE	39977640	9.45	1068	-0.096	0.156	0.177	0.285	198.906440	5.654827	1325.12	-2111.62
5	GUIDE	39978240	10.45	1065	0.025	-0.030	0.306	0.445	198.838309	5.831204	1953.66	-1847.54
6	GUIDE	39978256	9.20	1067	0.095	0.323	0.153	0.264	198.259555	5.136338	-623.81	131.05
7	GUIDE	39980008	8.85	1066	-0.149	-0.052	0.099	0.166	198.242768	5.464279	551.06	236.71

2.4 Star Slots

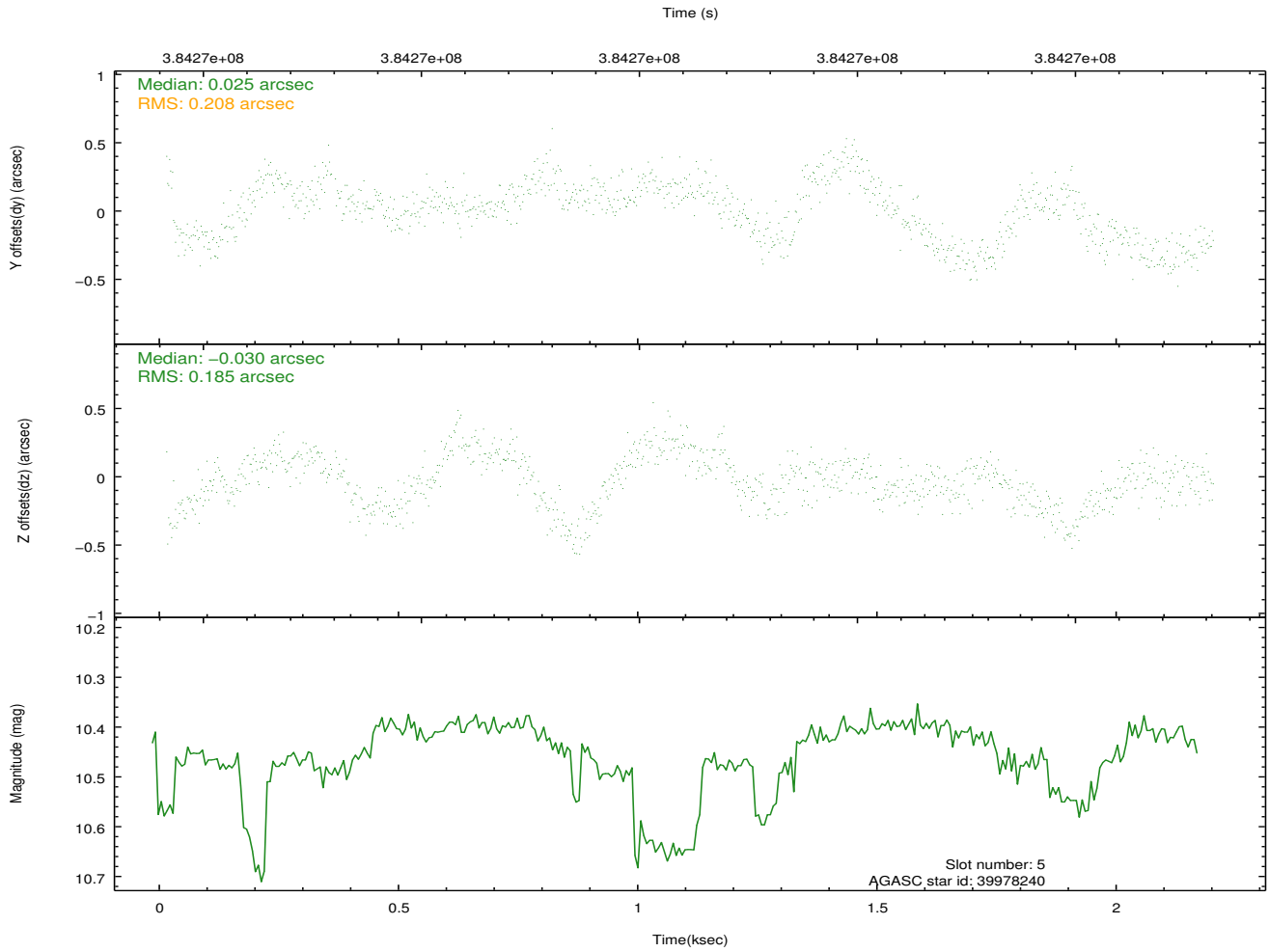
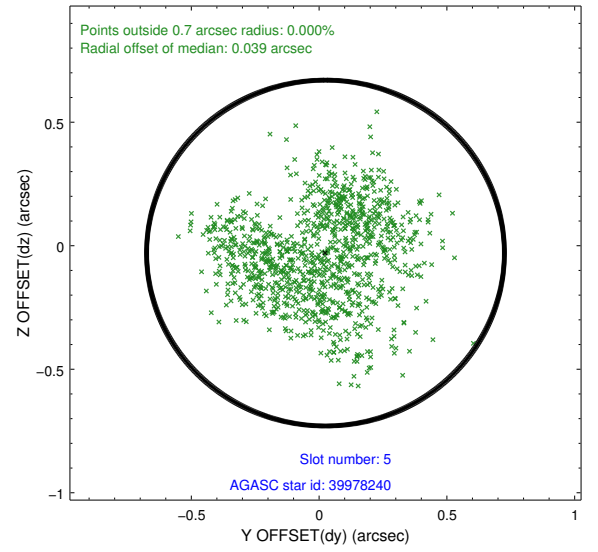
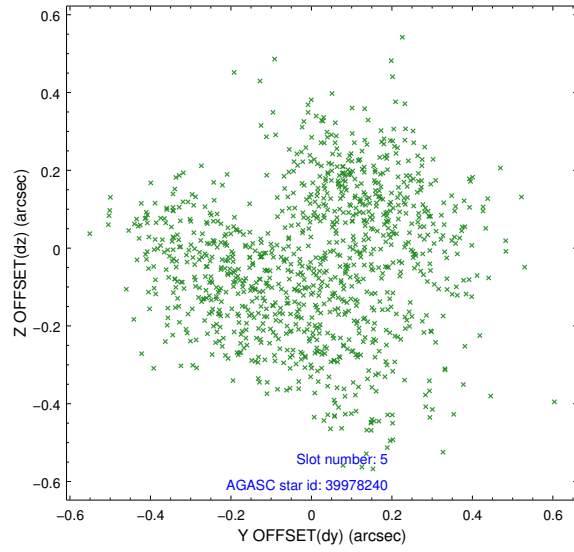
2.4.1 Slot 3



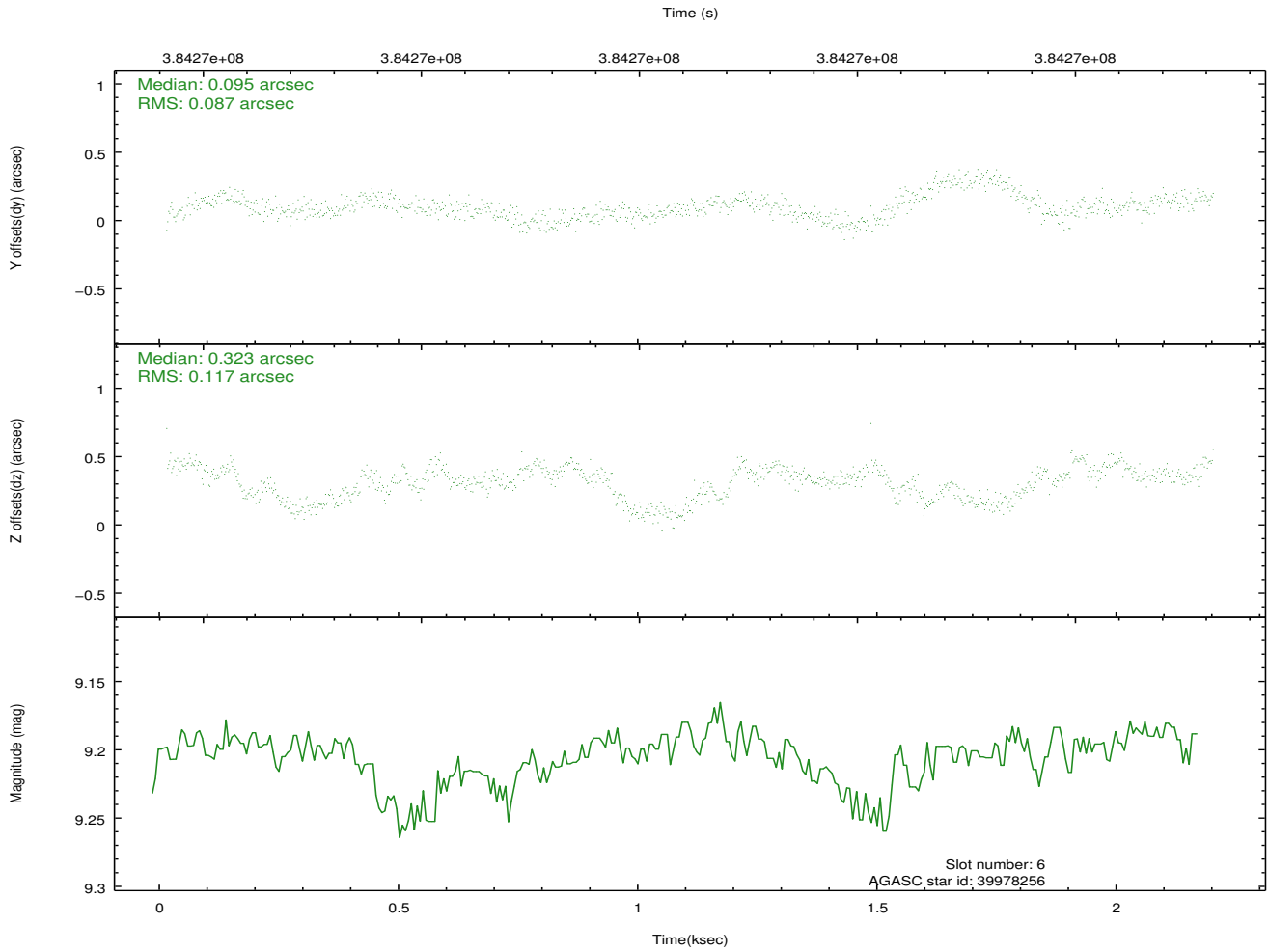
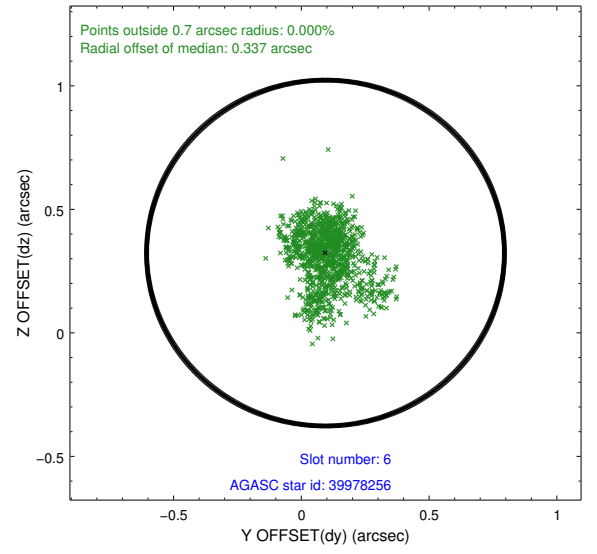
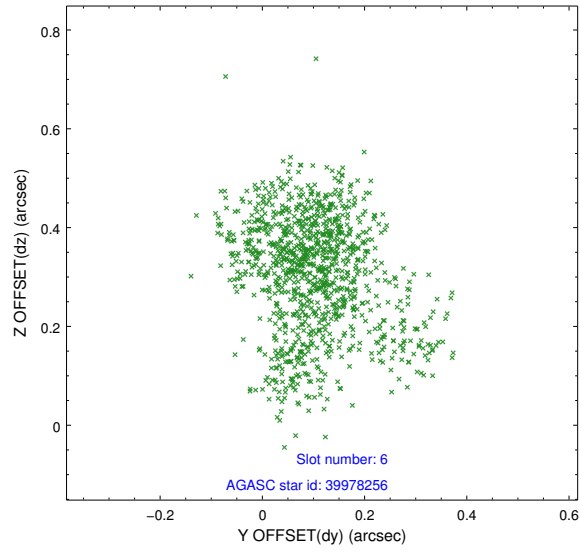
2.4.2 Slot 4



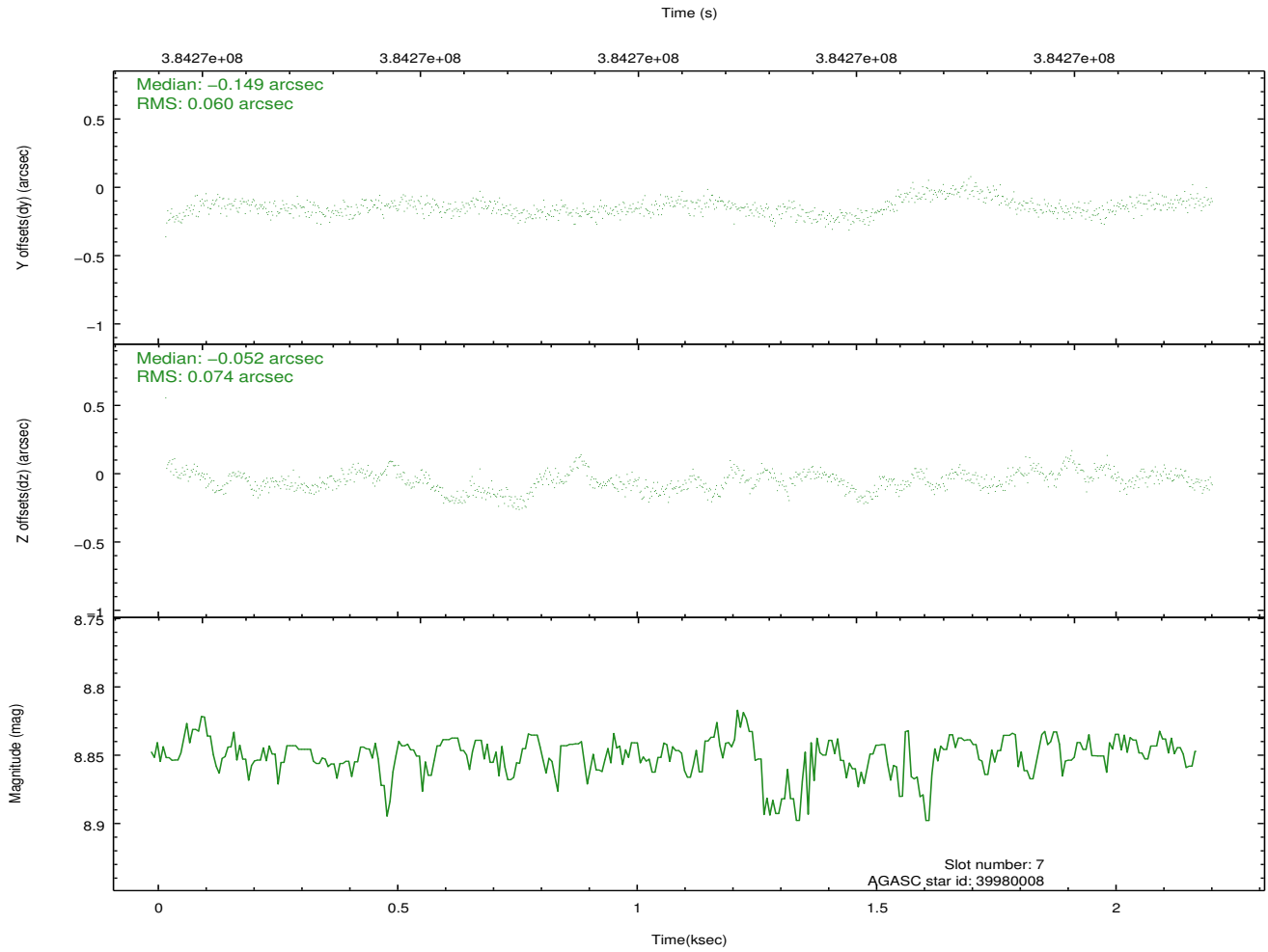
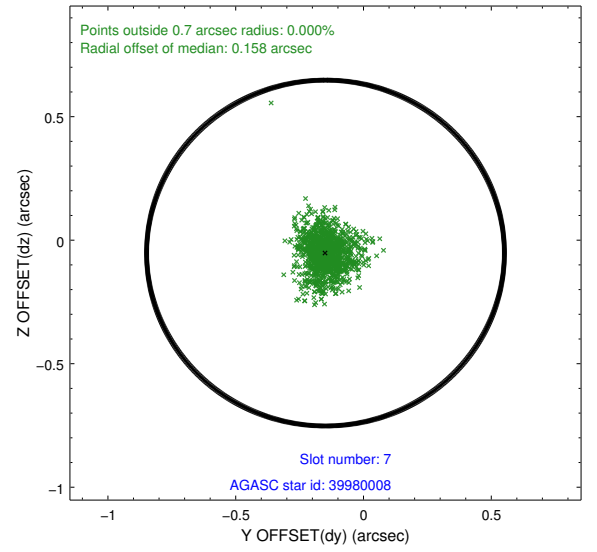
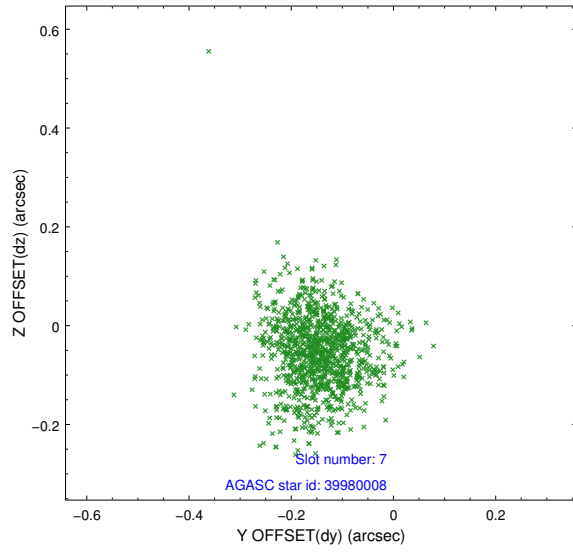
2.4.3 Slot 5



2.4.4 Slot 6

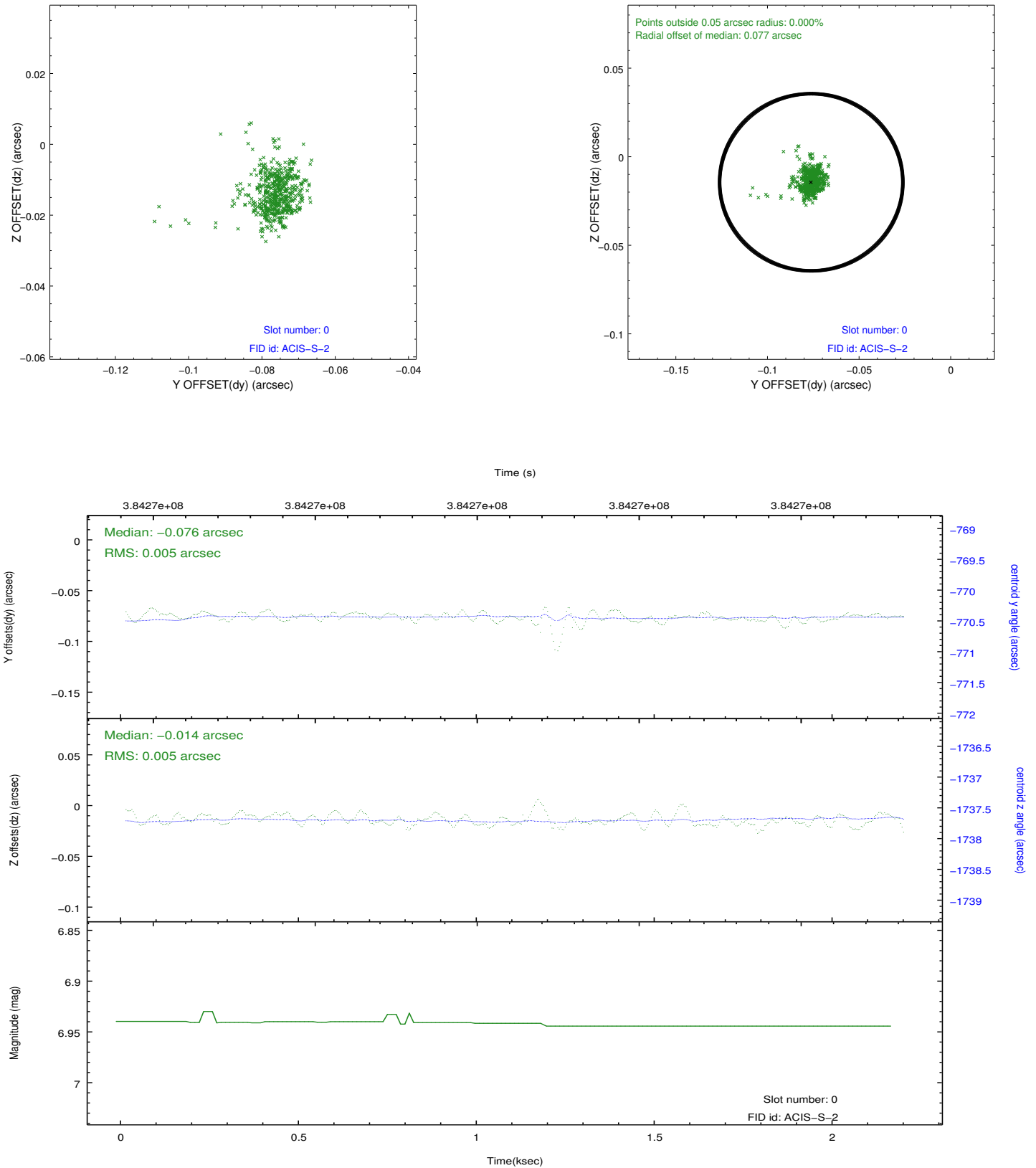


2.4.5 Slot 7

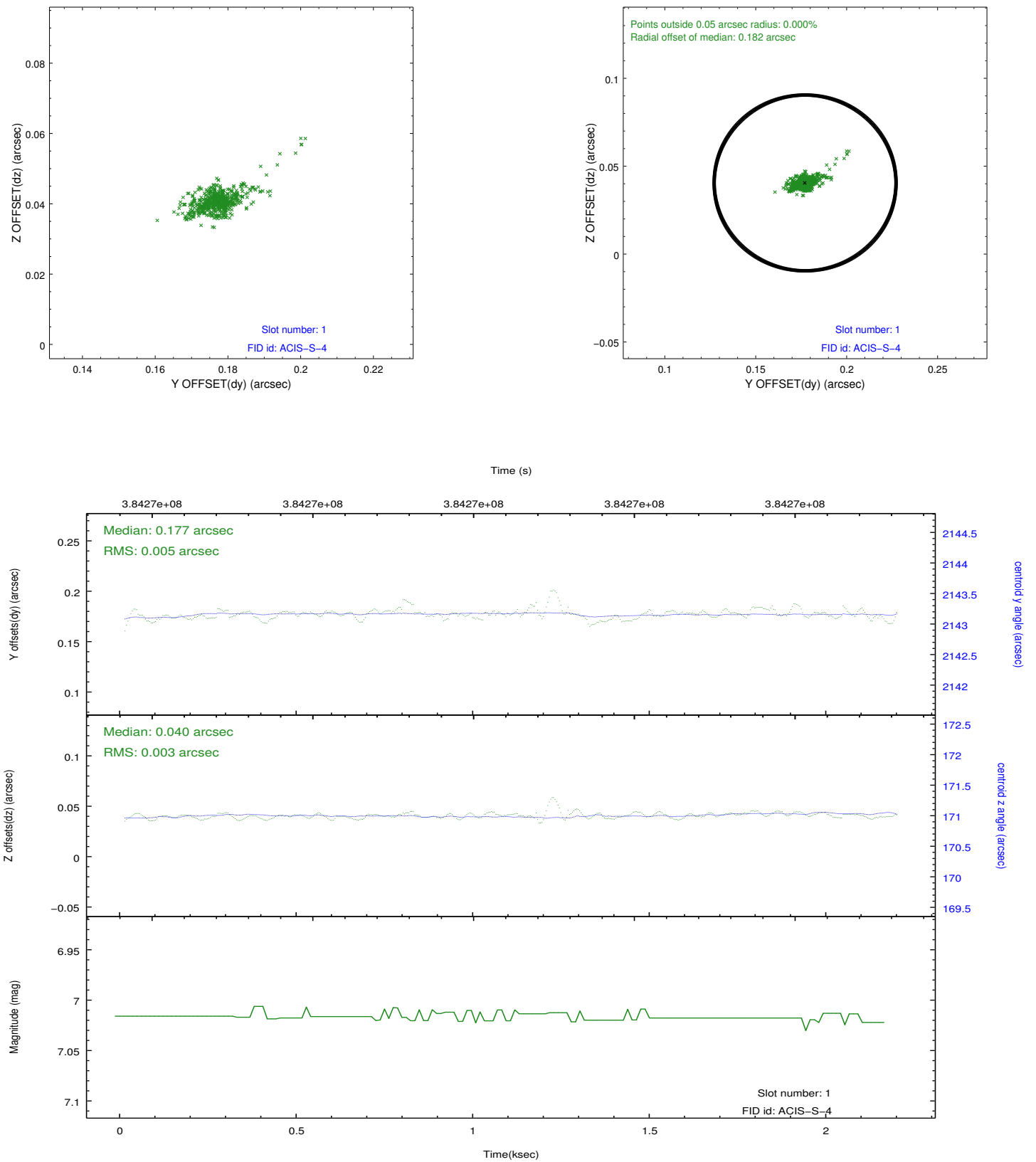


2.5 FID Slots

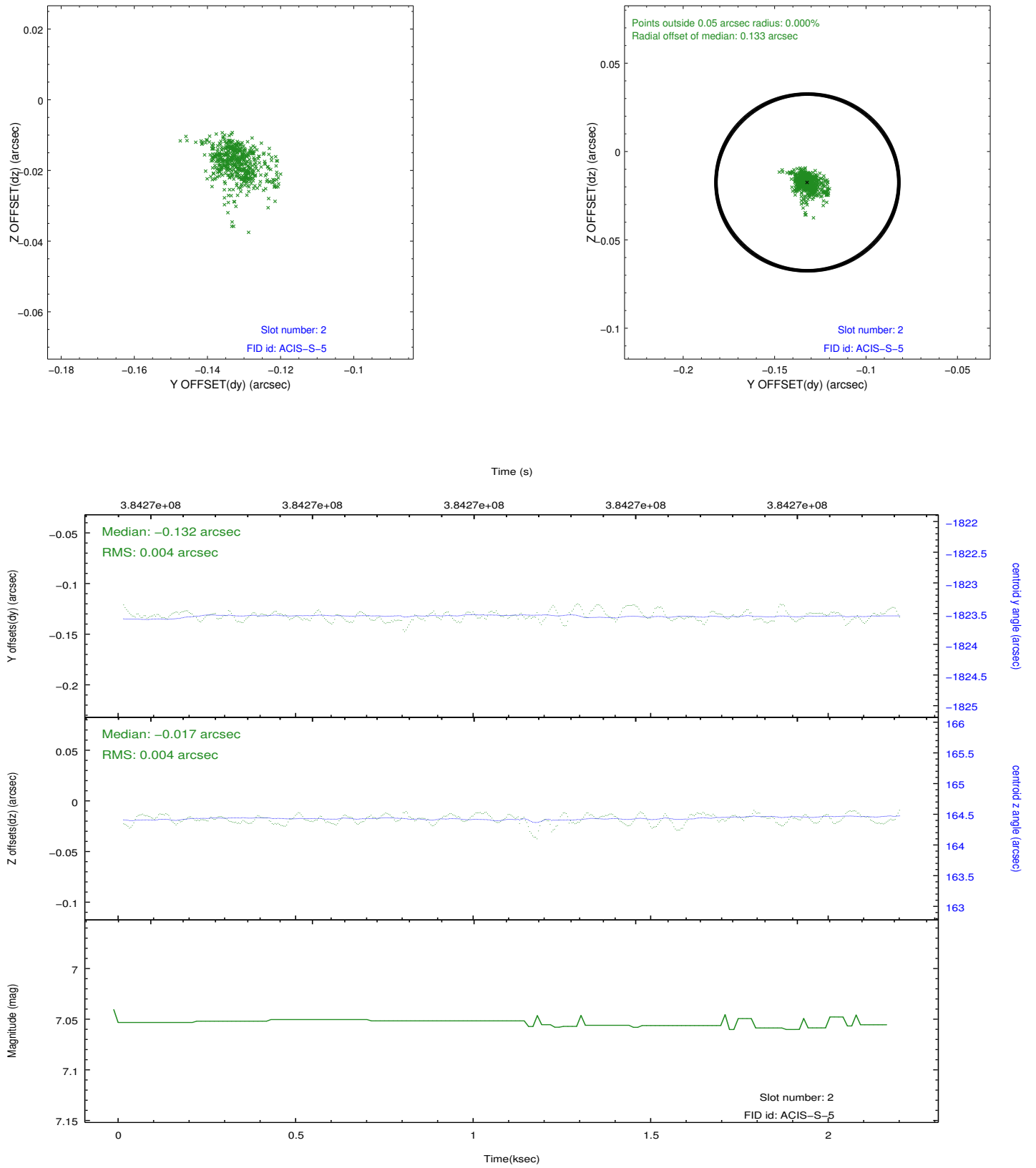
2.5.1 Slot 0



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)	2012.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1863998696804

A.2 Comments