

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11473 - L2 Version 2
Chandra X-Ray Center

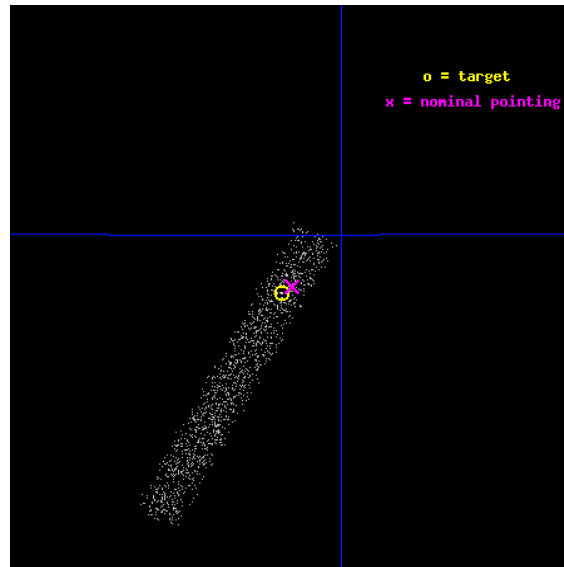
L2 Processing Date : Jun 22 2012

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1 Front

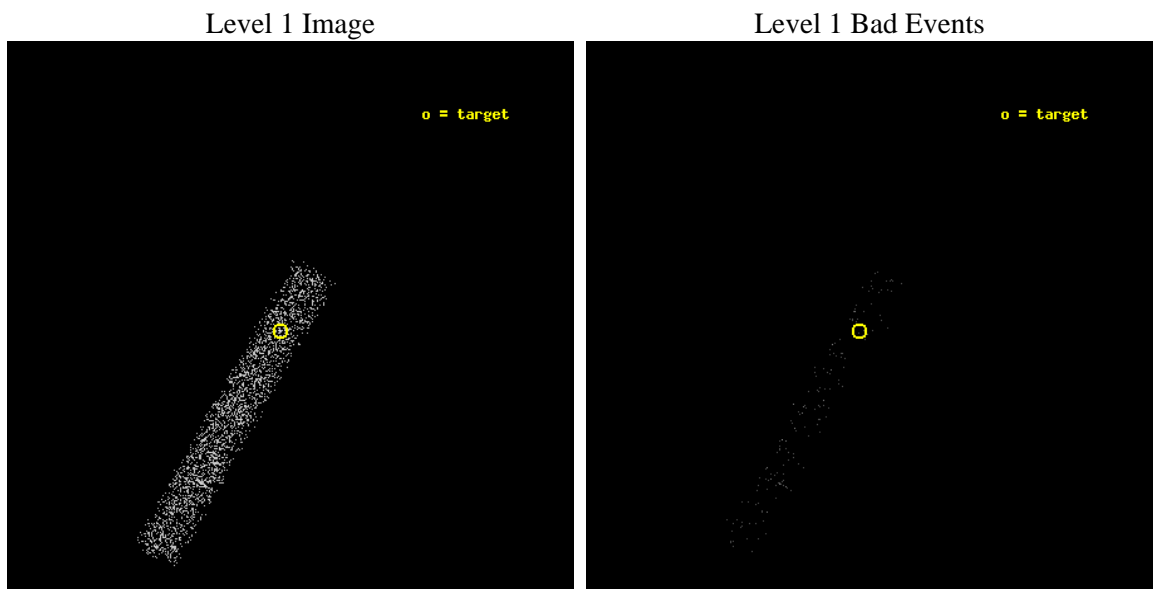
seq_num	702059	Sequence number
obs_id	11473	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J143310.54+525830.5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	218.29375	Observer's specified target RA [deg]
dec_targ	52.975139	Observer's specified target Dec [deg]
ra_nom	218.28626157753	Nominal RA [deg]
dec_nom	52.977585084726	Nominal Dec [deg]
roll_nom	119.50129599112	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2033.9998787642	Sum of GTIs [s]
livetime	1844.7305267224	Livetime [s]
ontime7	2033.9998787642	Sum of GTIs [s]
l2events	1415	Number of level 2 events



2 OBI

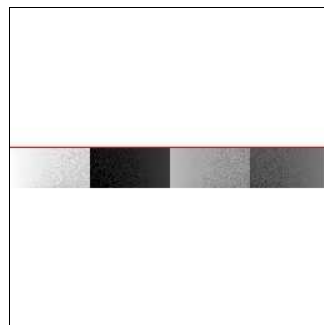
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.533000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2033.9998787642	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2033.9998787642	Sum of GTIs [s]
date	2012-06-22T04:21:22	Date and time of file creation	l1events	2904	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

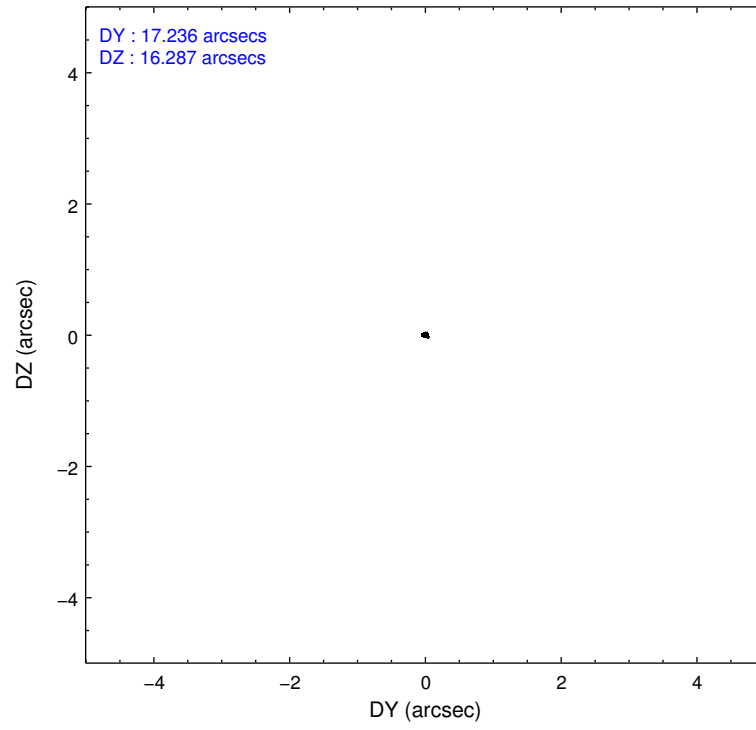
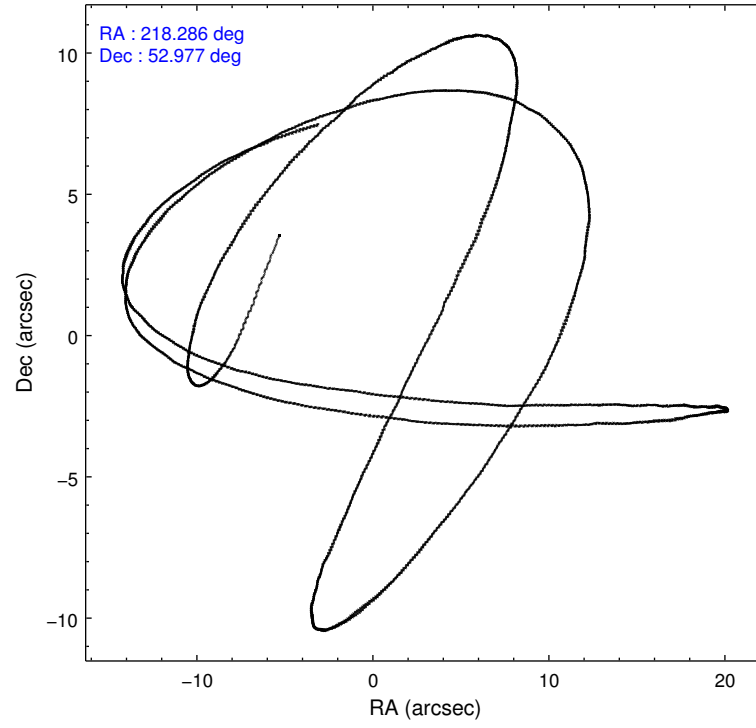
	ccd 7
level 1 events	2904
rejected events	1433
rejected %	49%

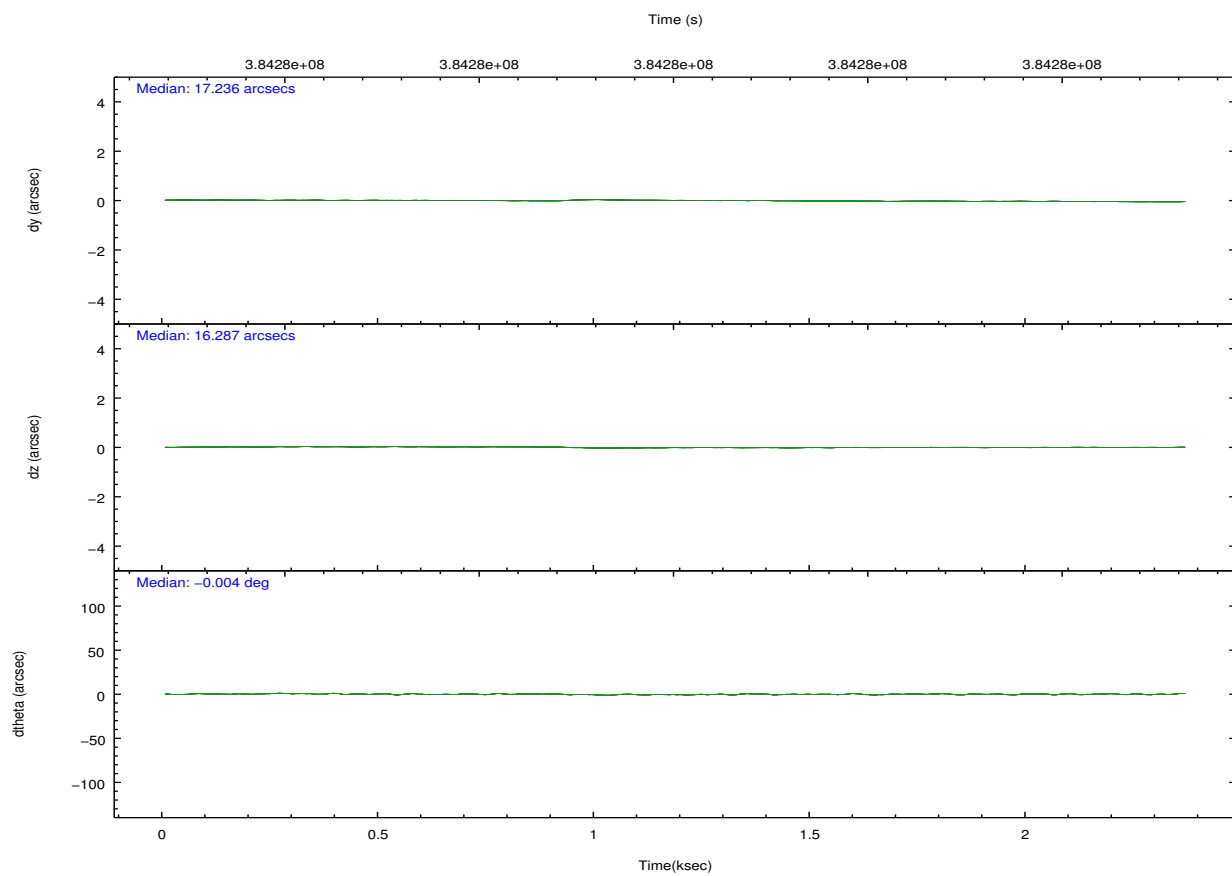
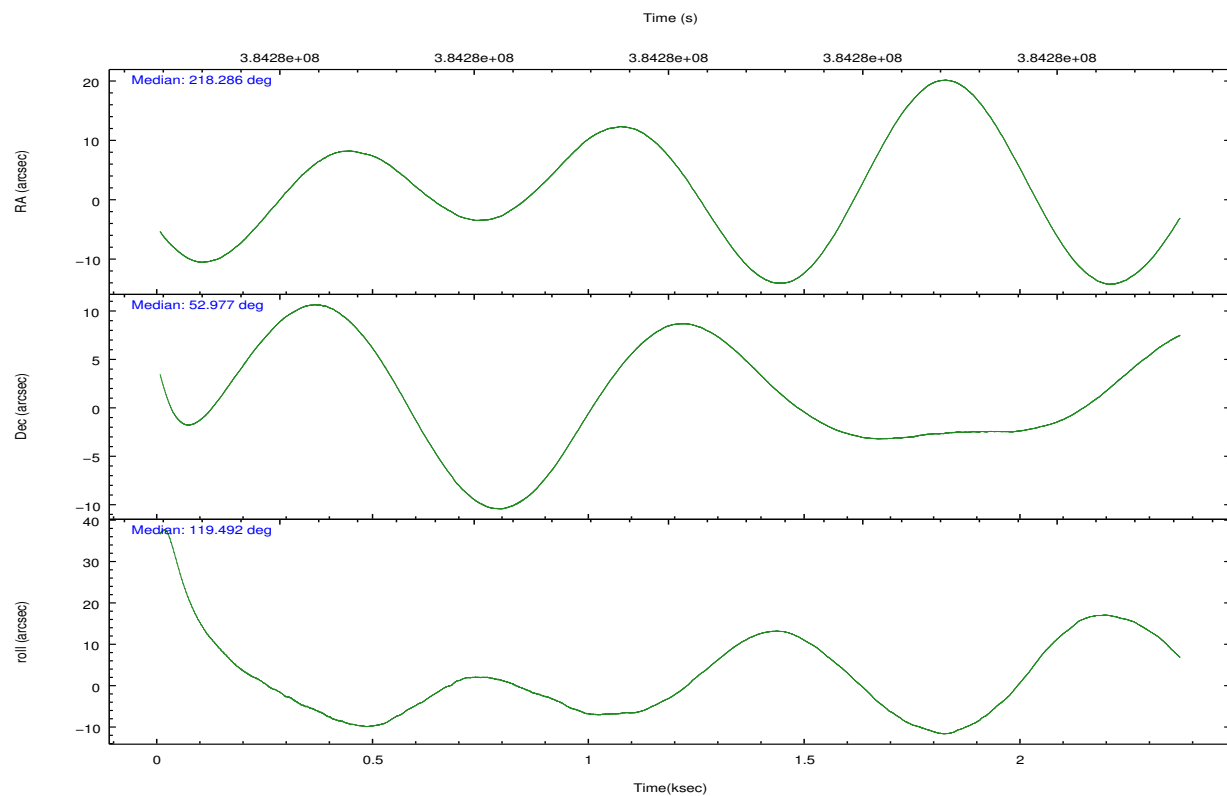
	ccd 7
grade 0 events	170
	5%
grade 1 events	5
	0%
grade 2 events	286
	9%
grade 3 events	218
	7%
grade 4 events	173
	5%
grade 5 events	284
	9%
grade 6 events	624
	21%
grade 7 events	1144
	39%

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	218.326117	218.2862615775339	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	52.963908	52.97758508472562	Subarray start row	449	449
[deg] Pointing Roll	119.312678	119.5012959911195	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)	384276510.184000	384275492.24454			
Observation start date	2010-03-06T15:27:24	2010-03-06T15:11:32			
[s] Observation end time (MET)	384278691.184000	384278955.20722			
Observation end date	2010-03-06T16:03:45	2010-03-06T16:09:15			
Read mode	TIMED	TIMED			

2.3 Aspect



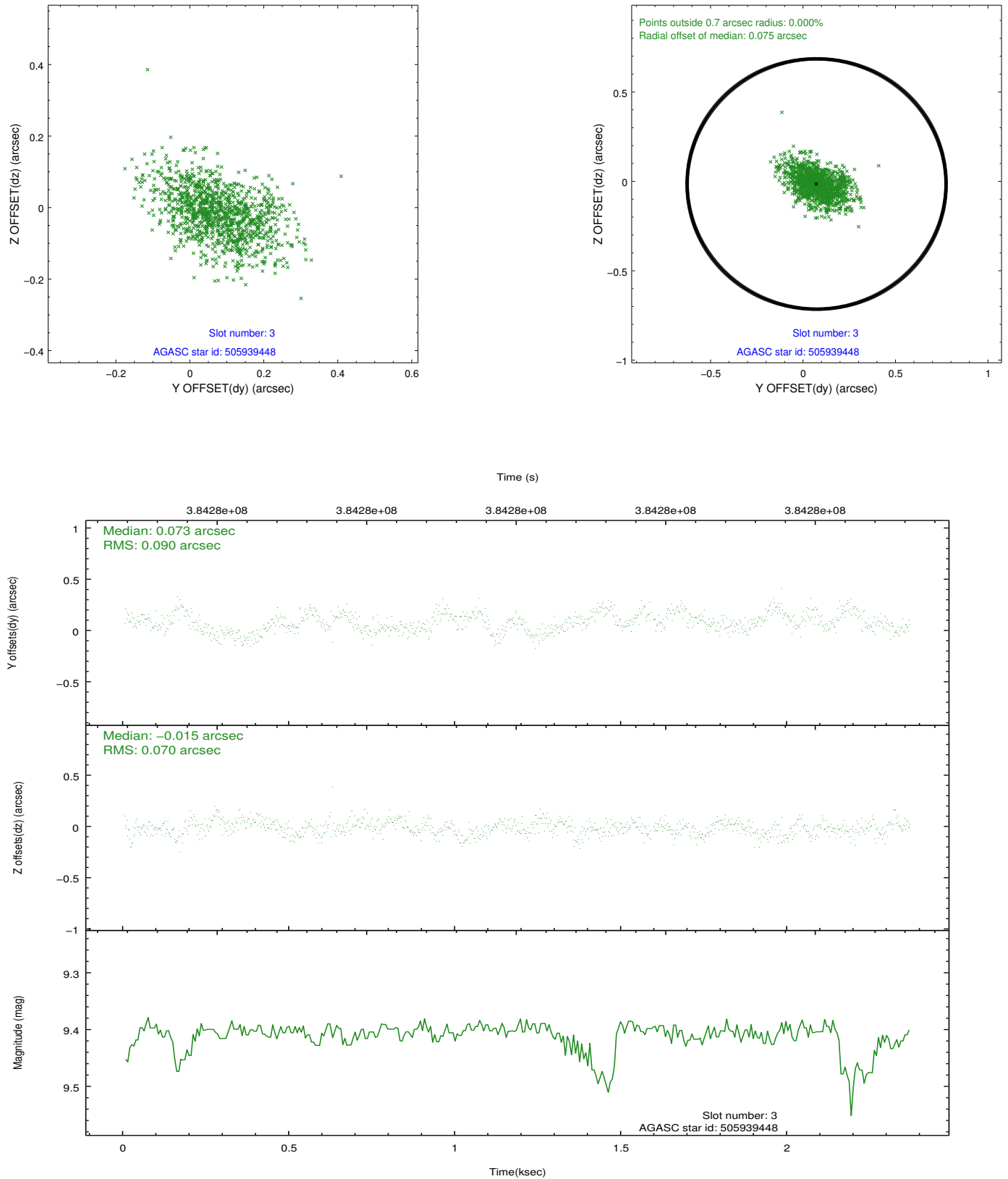


Slot Statistics

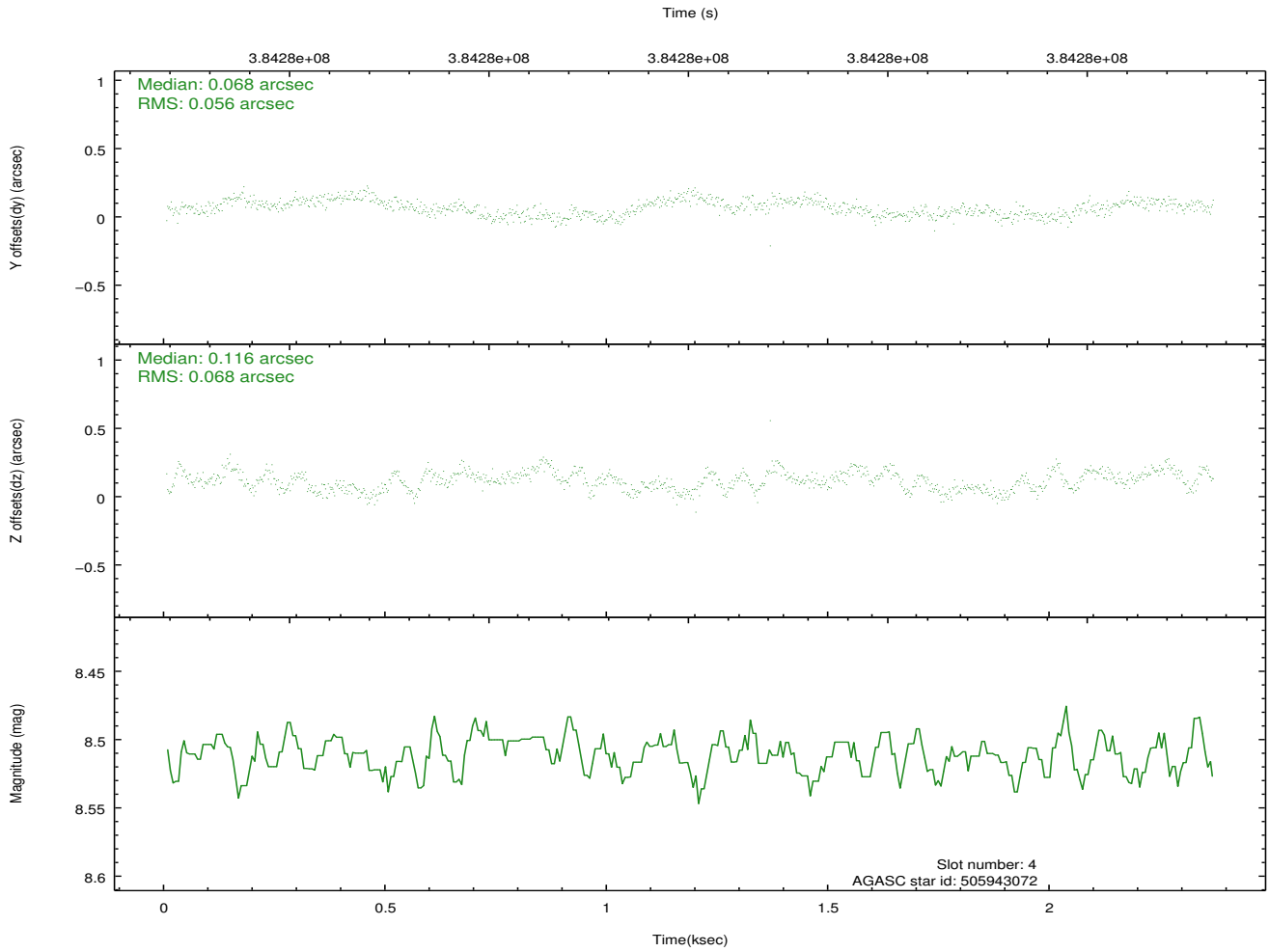
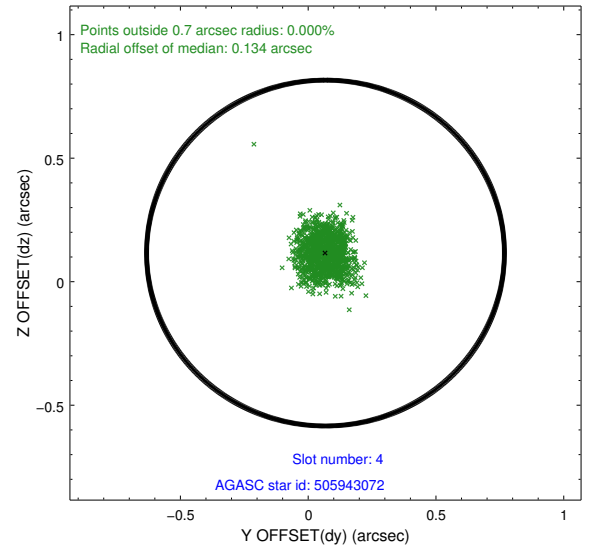
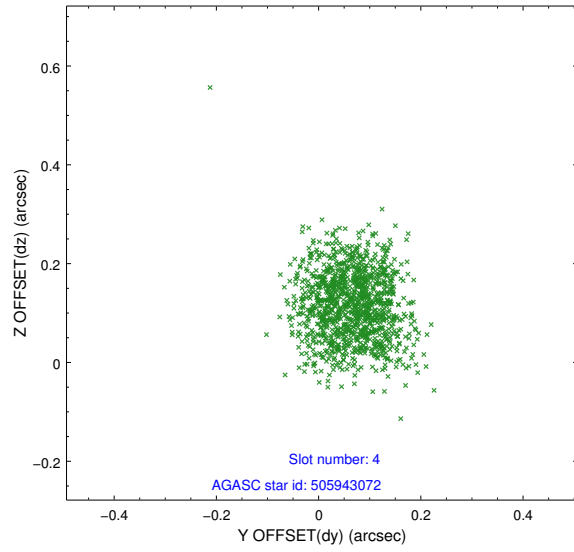
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.94	577	-0.076	-0.018	0.007	0.011	0.000000	0.000000	-770.33	-1737.72
1	FID	ACIS-S-4	7.03	577	0.186	0.042	0.006	0.012	0.000000	0.000000	2141.94	167.97
2	FID	ACIS-S-5	7.06	577	-0.141	-0.015	0.007	0.012	0.000000	0.000000	-1819.73	164.71
3	GUIDE	505939448	9.41	1149	0.073	-0.015	0.120	0.203	218.905809	53.698828	1704.81	-2374.75
4	GUIDE	505943072	8.51	1154	0.068	0.116	0.094	0.147	219.487846	53.043862	-961.12	-2345.17
5	GUIDE	505946280	7.07	1154	0.029	-0.281	0.088	0.137	218.370282	52.908788	-218.29	11.38
6	GUIDE	505948760	7.63	1154	-0.118	0.099	0.142	0.189	218.940768	52.871469	-939.91	-1004.79
7	GUIDE	456001120	9.45	1147	-0.062	0.084	0.152	0.248	217.909506	52.064950	-2370.52	2385.75

2.4 Star Slots

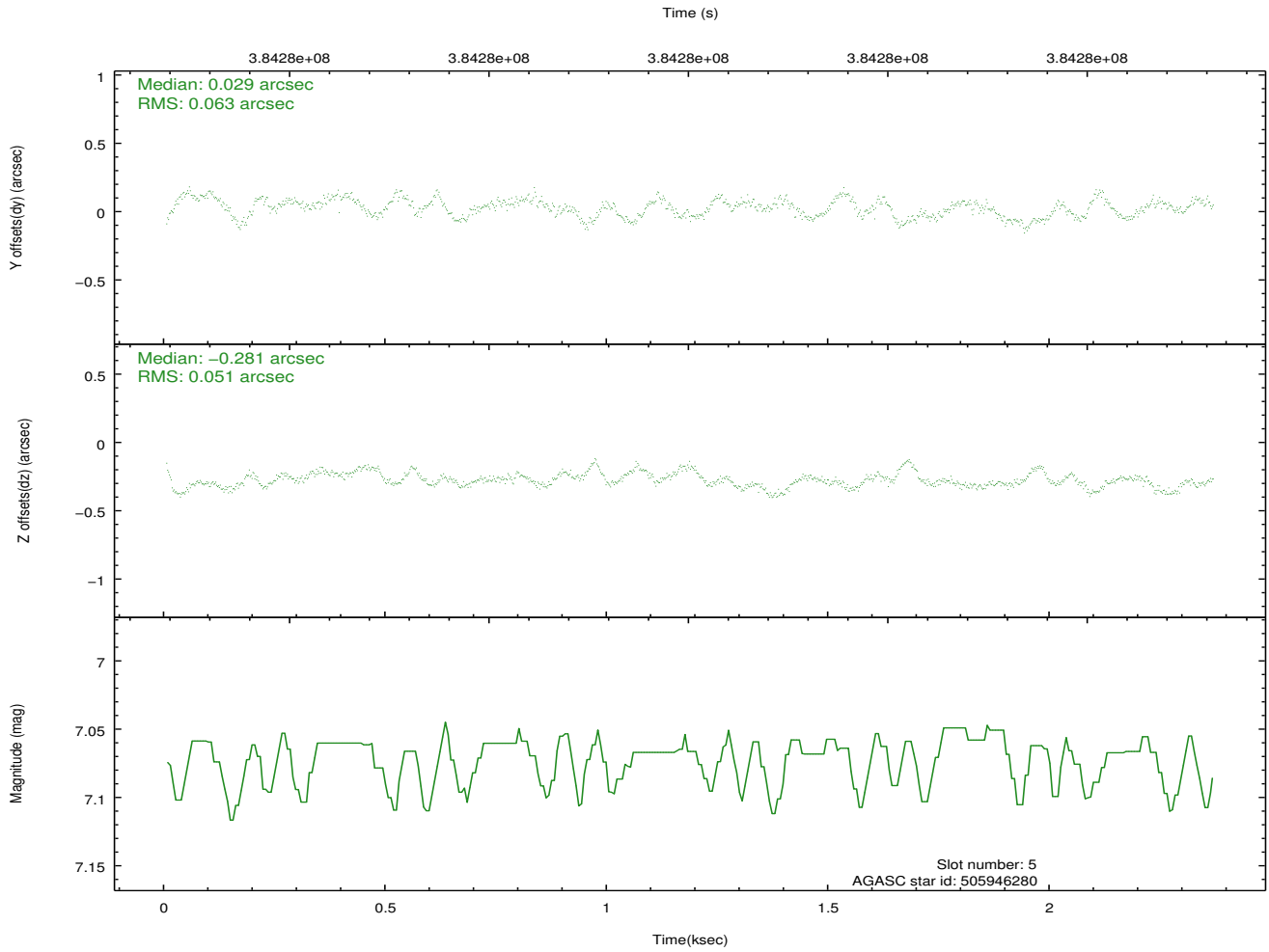
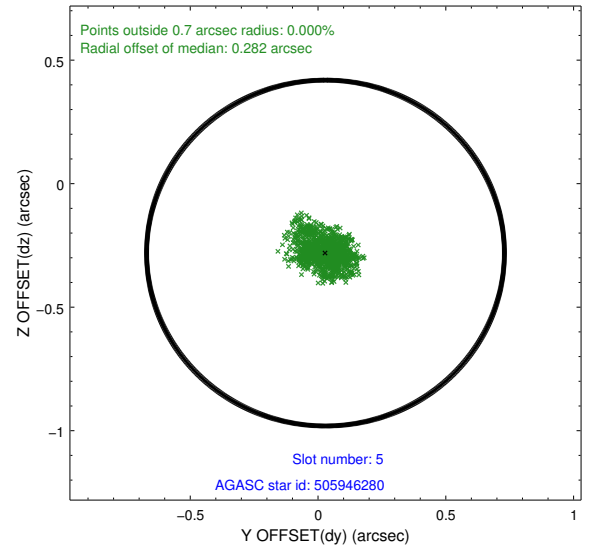
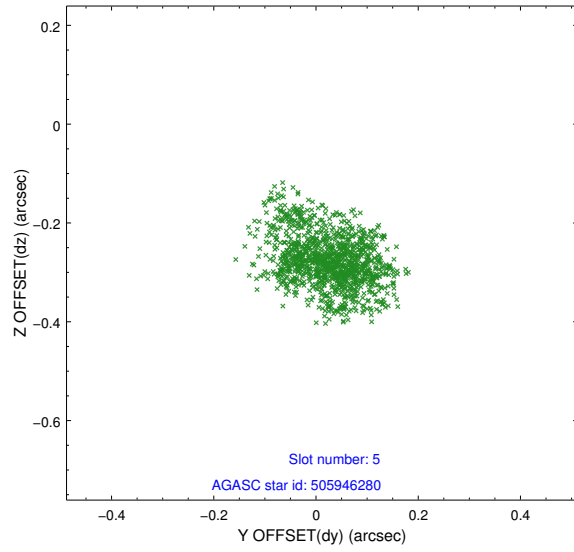
2.4.1 Slot 3



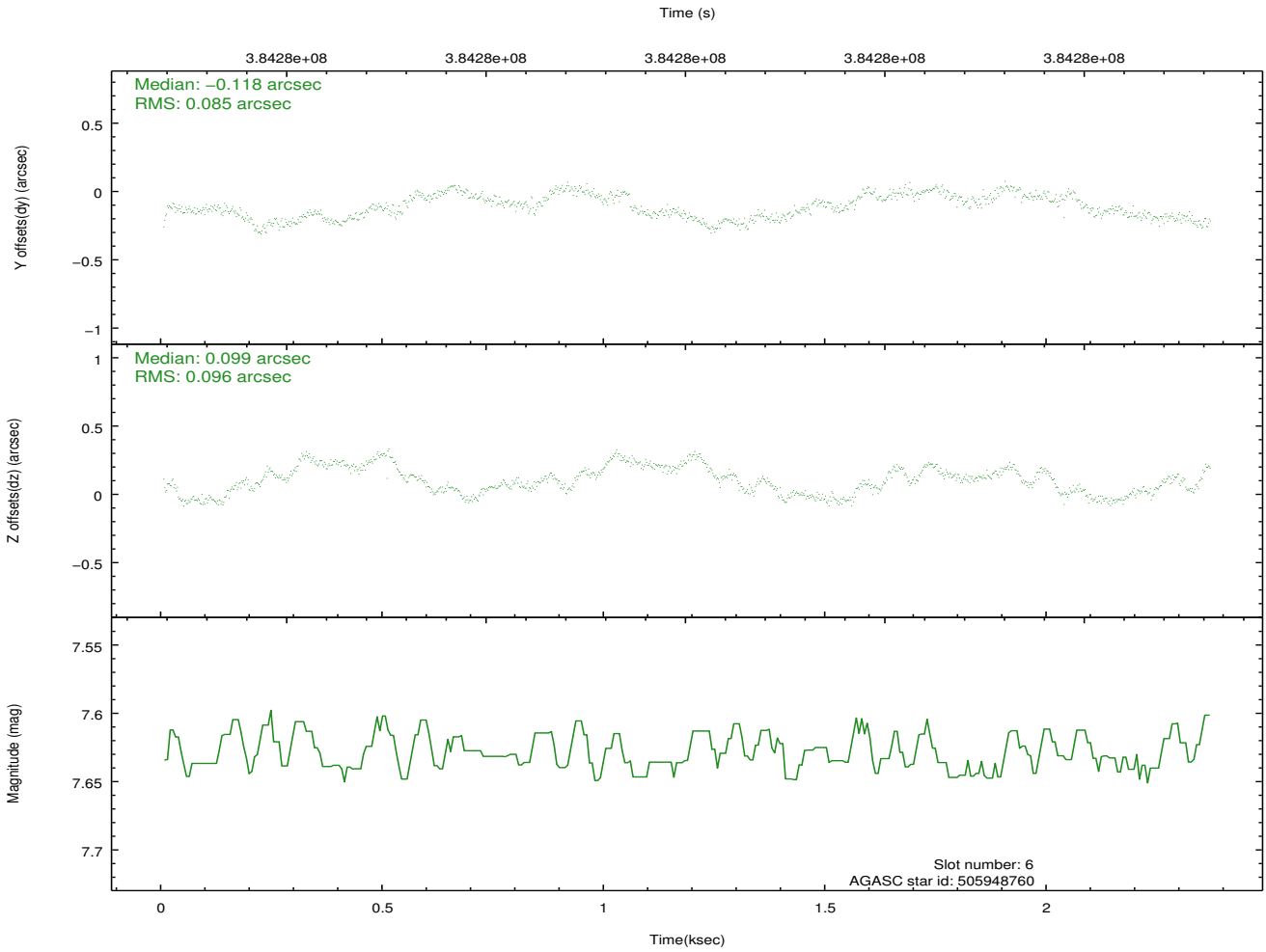
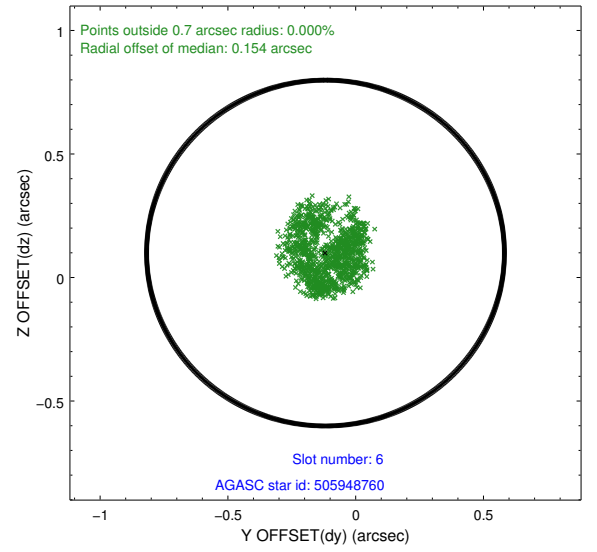
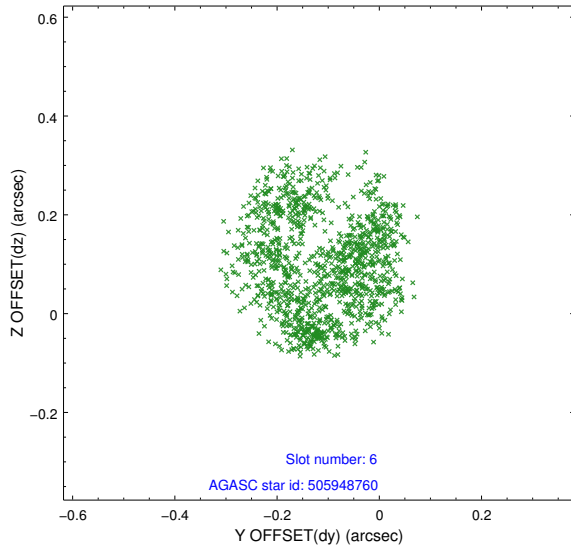
2.4.2 Slot 4



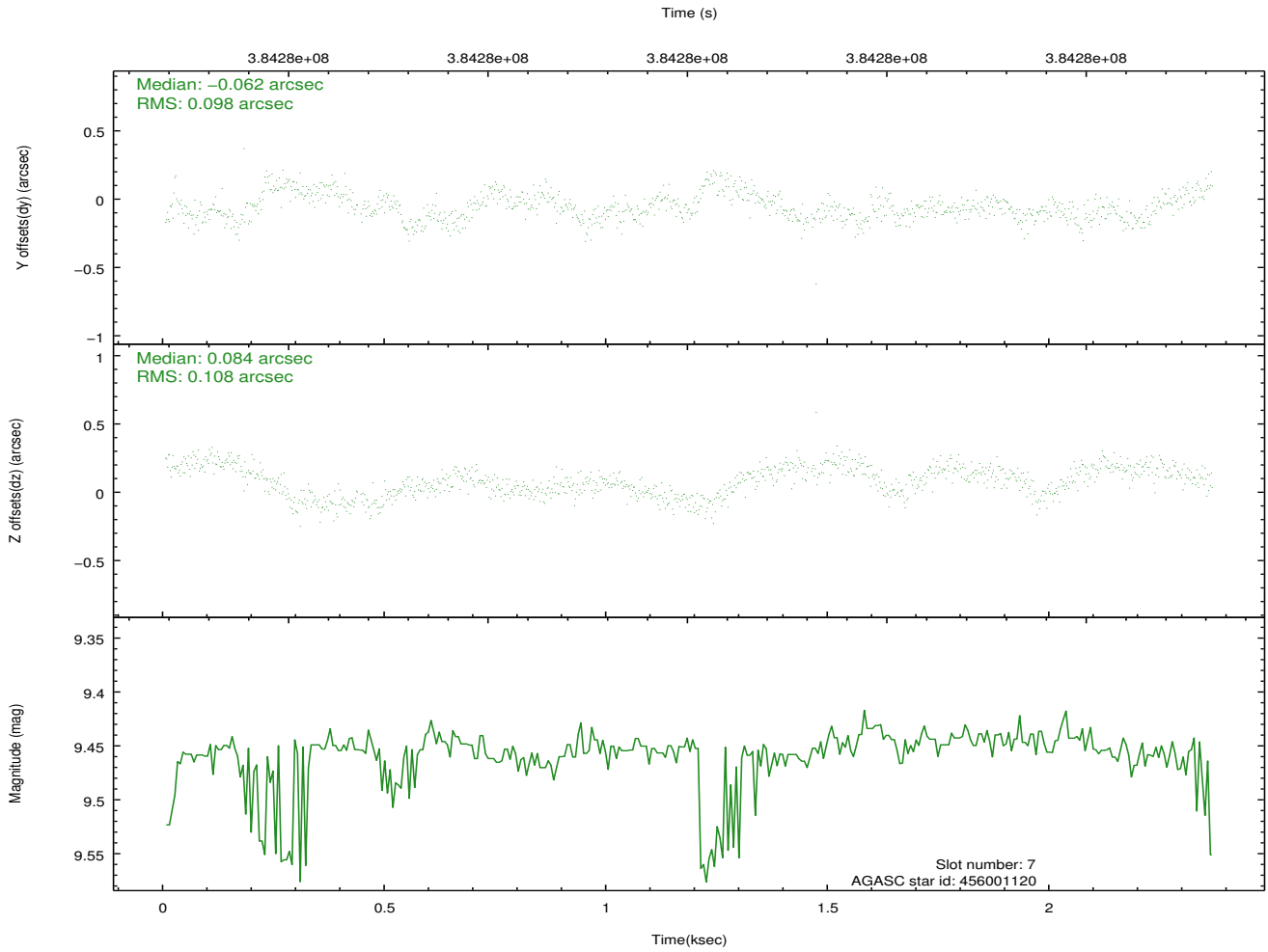
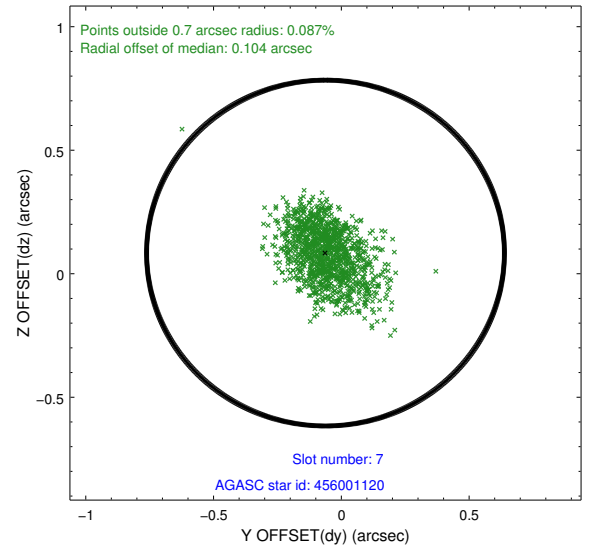
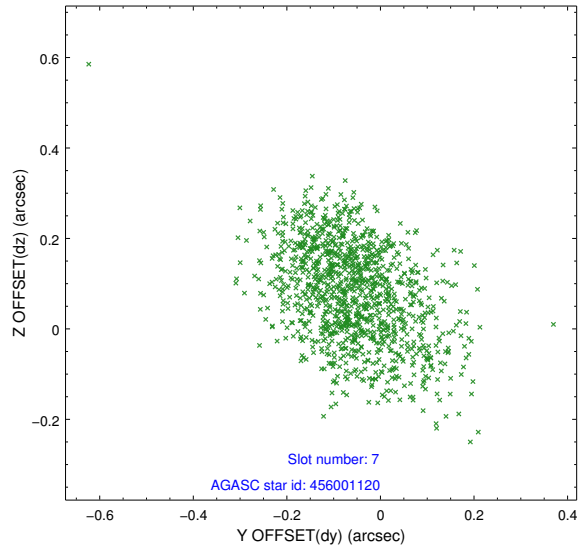
2.4.3 Slot 5



2.4.4 Slot 6

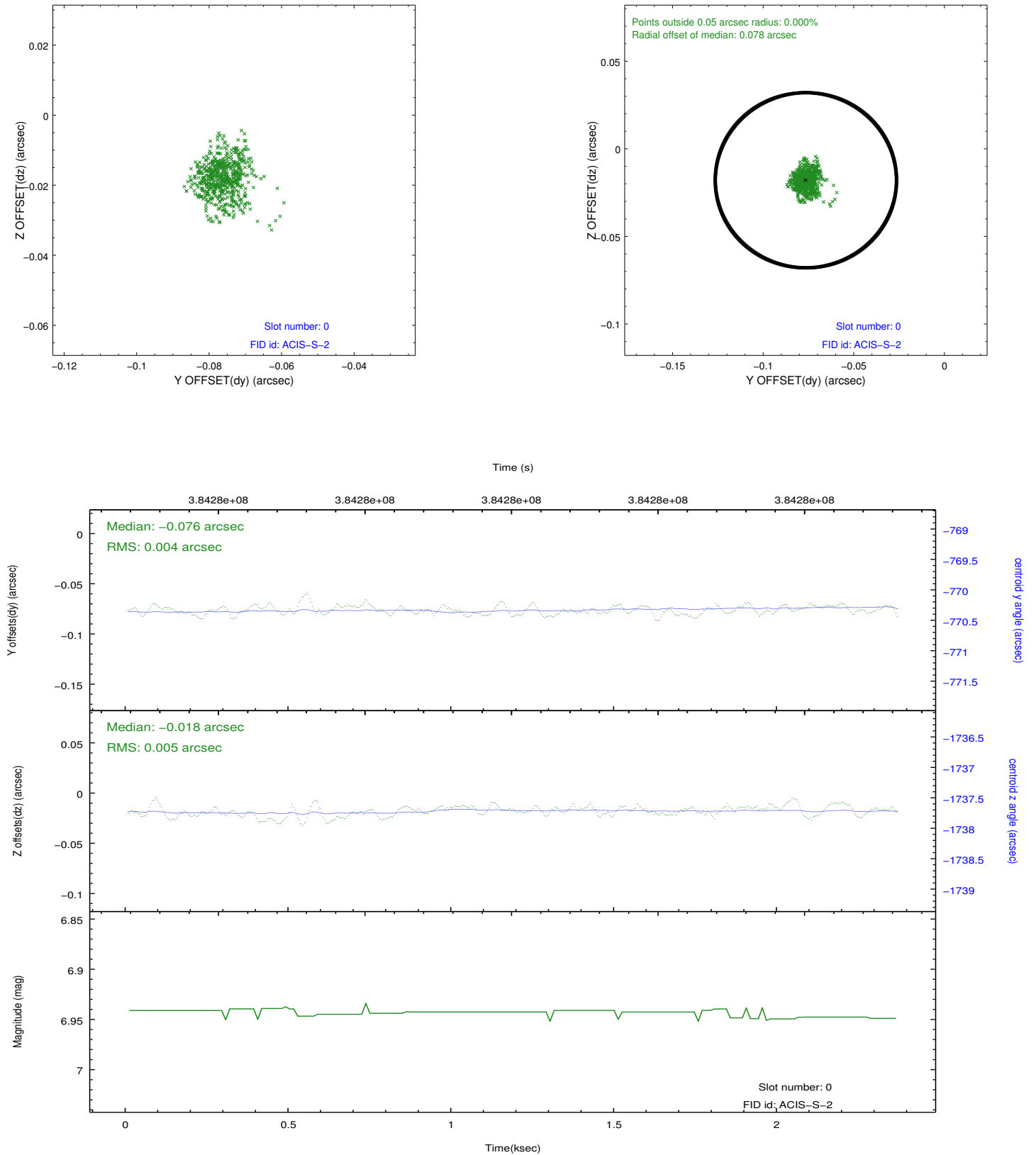


2.4.5 Slot 7

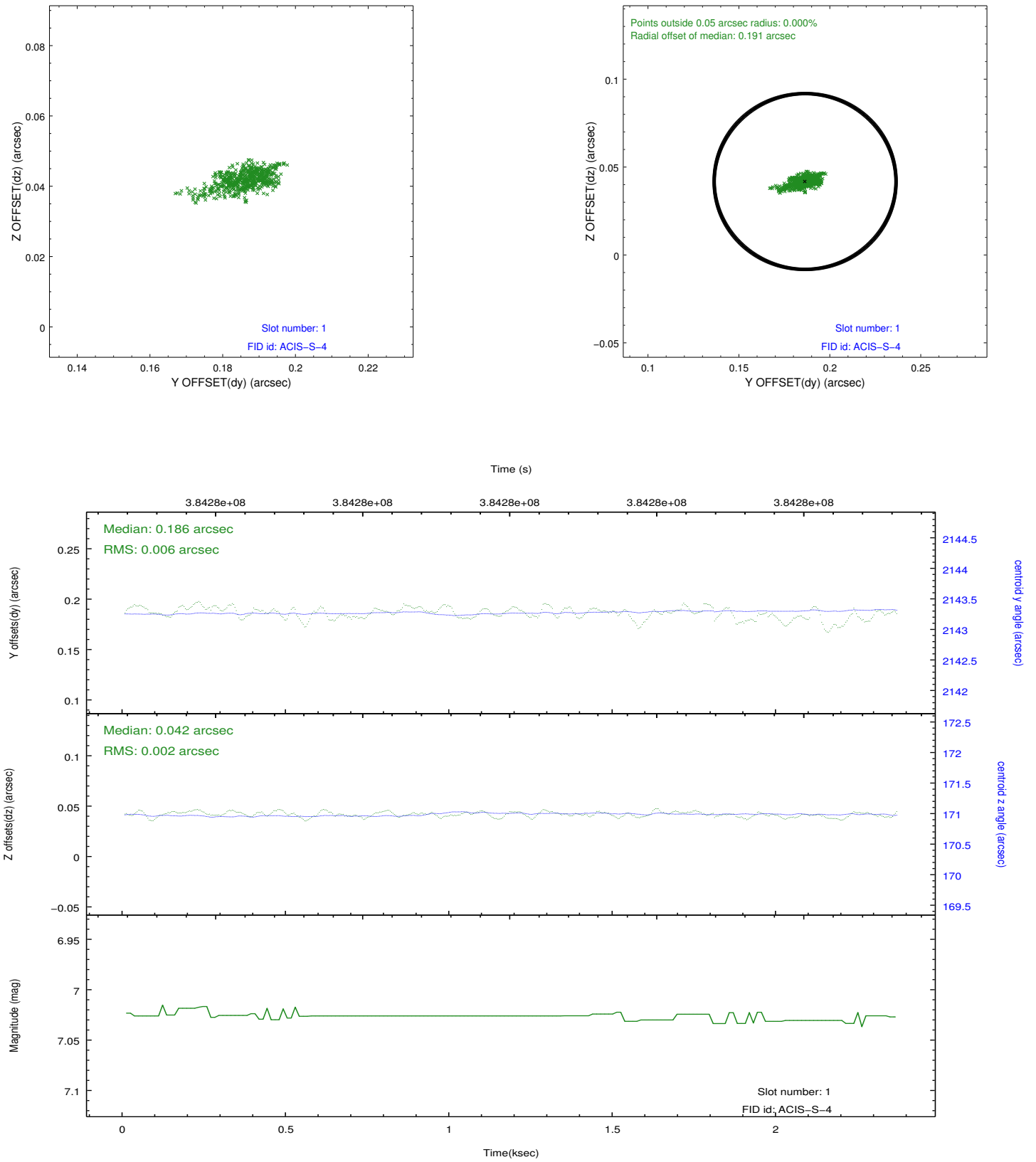


2.5 FID Slots

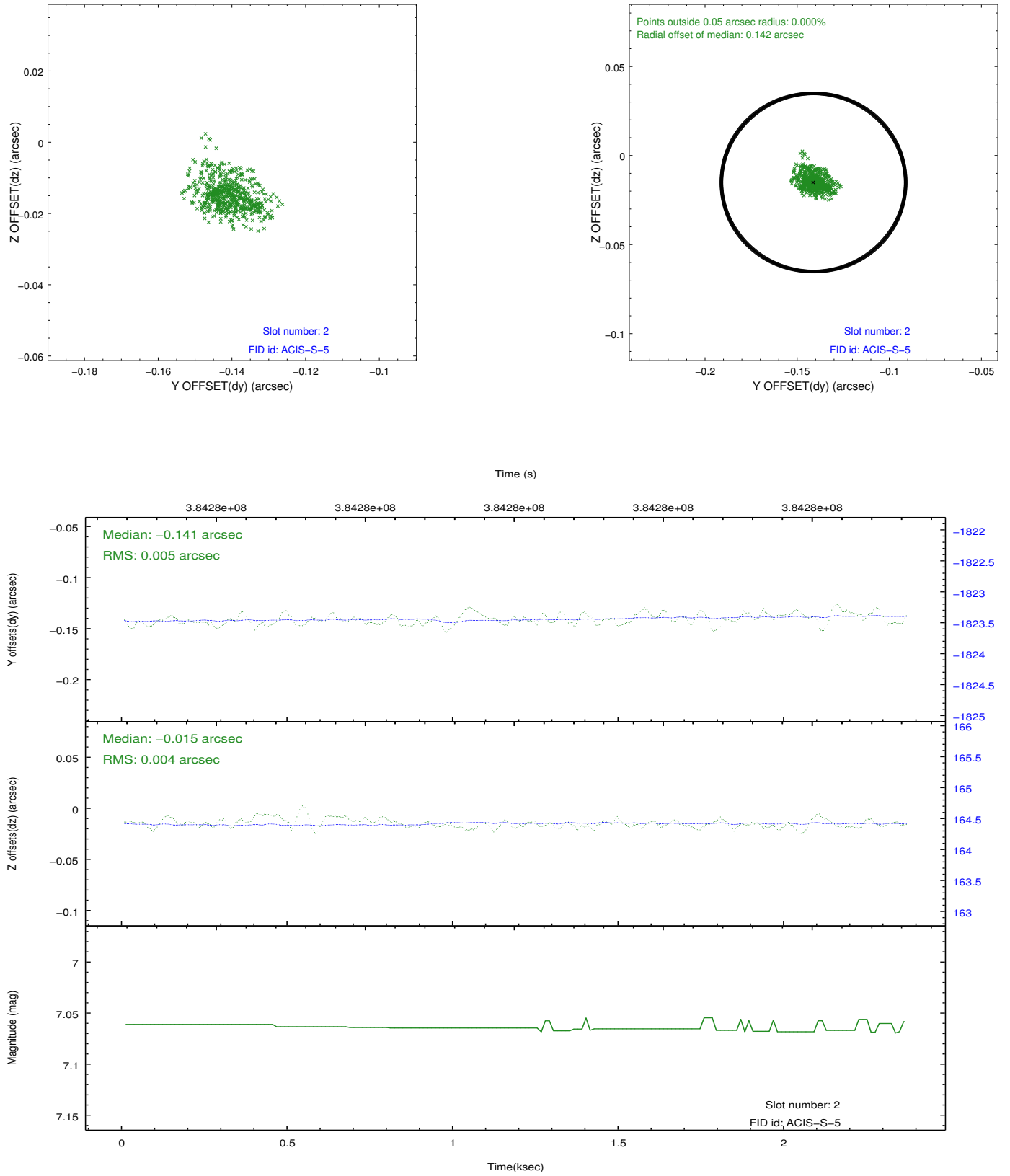
2.5.1 Slot 0



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	2.0339998787642

A.2 Comments