

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11443 - L2 Version 2
Chandra X-Ray Center

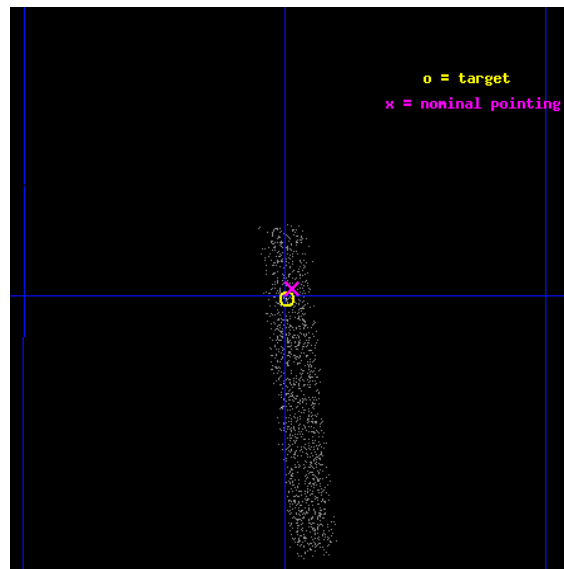
L2 Processing Date : Jun 18 2012

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1 Front

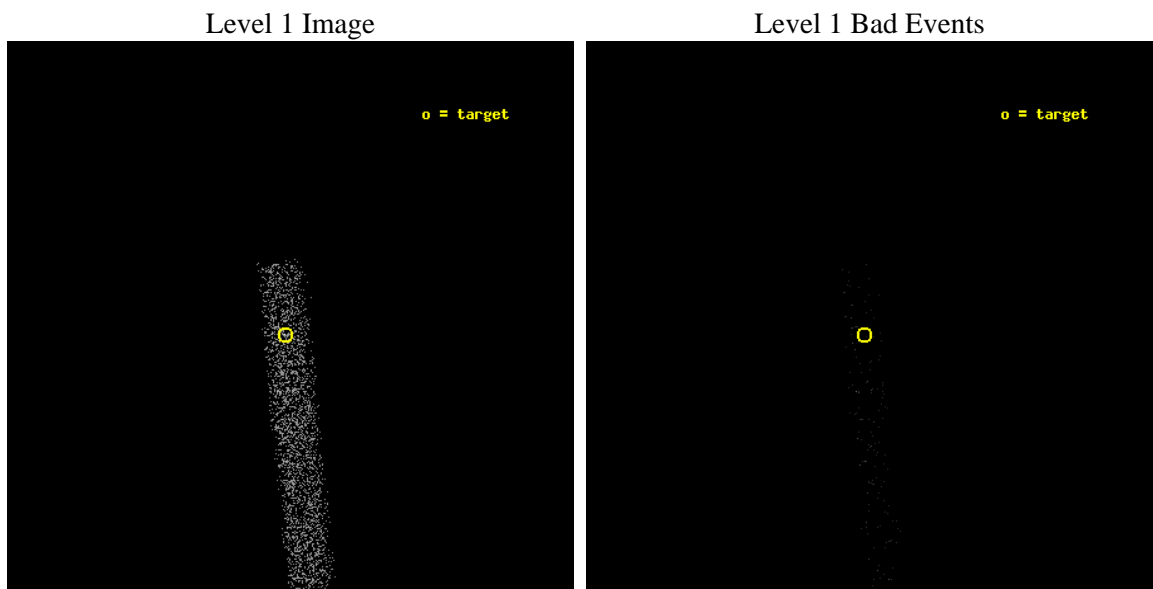
seq_num	702029	Sequence number
obs_id	11443	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J080629.80+241955.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	121.624167	Observer's specified target RA [deg]
dec_targ	24.332111	Observer's specified target Dec [deg]
ra_nom	121.62164468894	Nominal RA [deg]
dec_nom	24.336274164619	Nominal Dec [deg]
roll_nom	84.391379938188	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2185.9998697042	Sum of GTIs [s]
livetime	1982.5864952877	Livetime [s]
ontime7	2185.9998697042	Sum of GTIs [s]
l2events	1488	Number of level 2 events



2 OBI

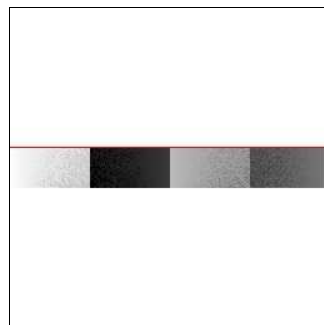
2.1 OBI

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	2185.9998697042	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2185.9998697042	Sum of GTIs [s]
date	2012-06-18T06:47:58	Date and time of file creation	l1events	3797	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

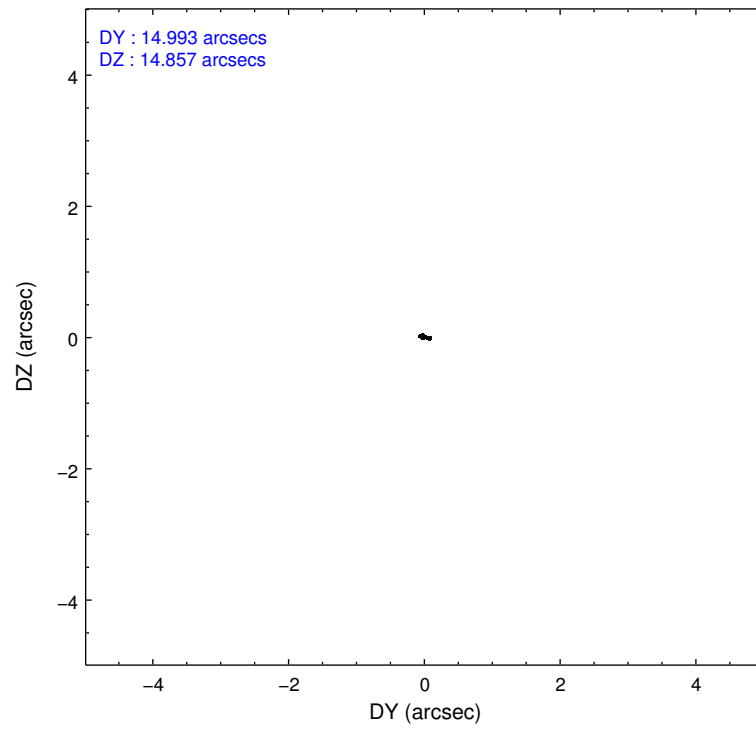
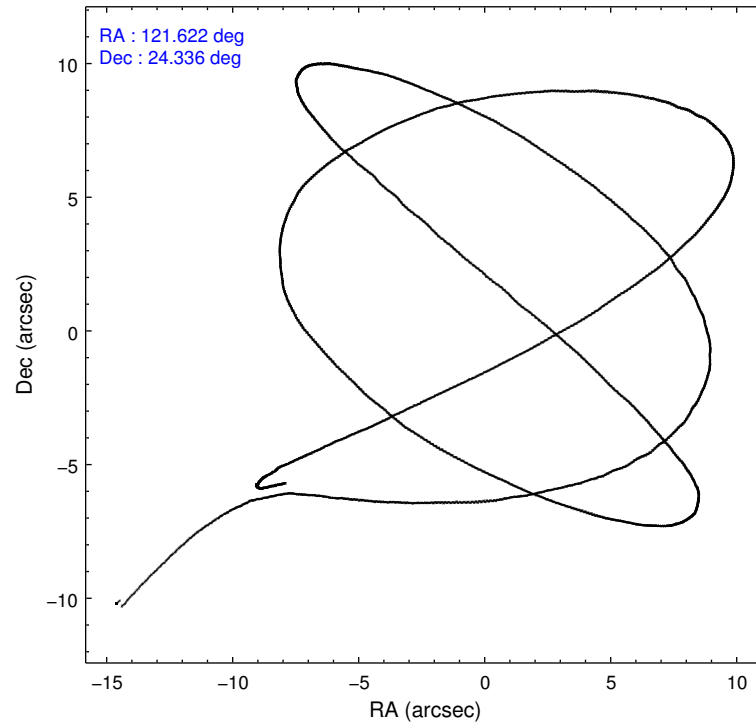
	ccd 7
level 1 events	3797
rejected events	2237
rejected %	58%

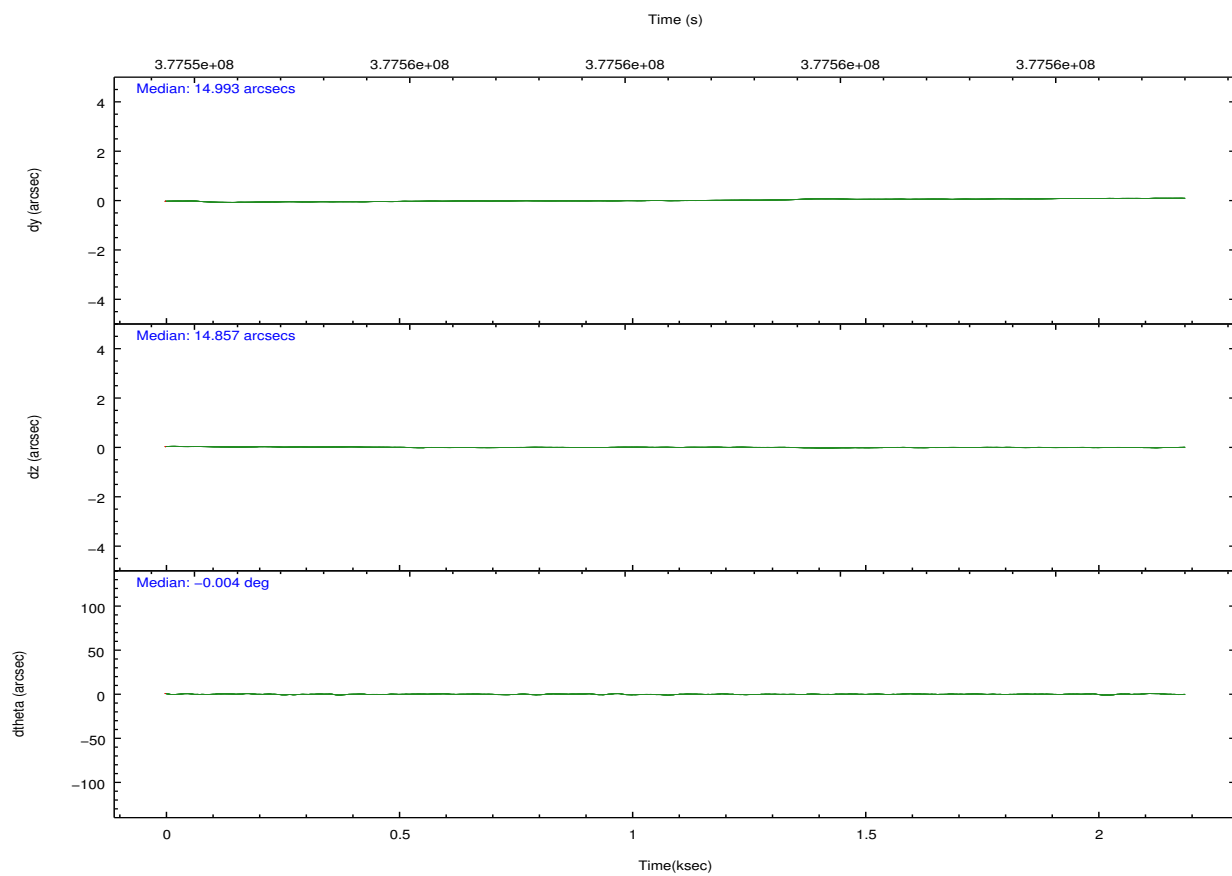
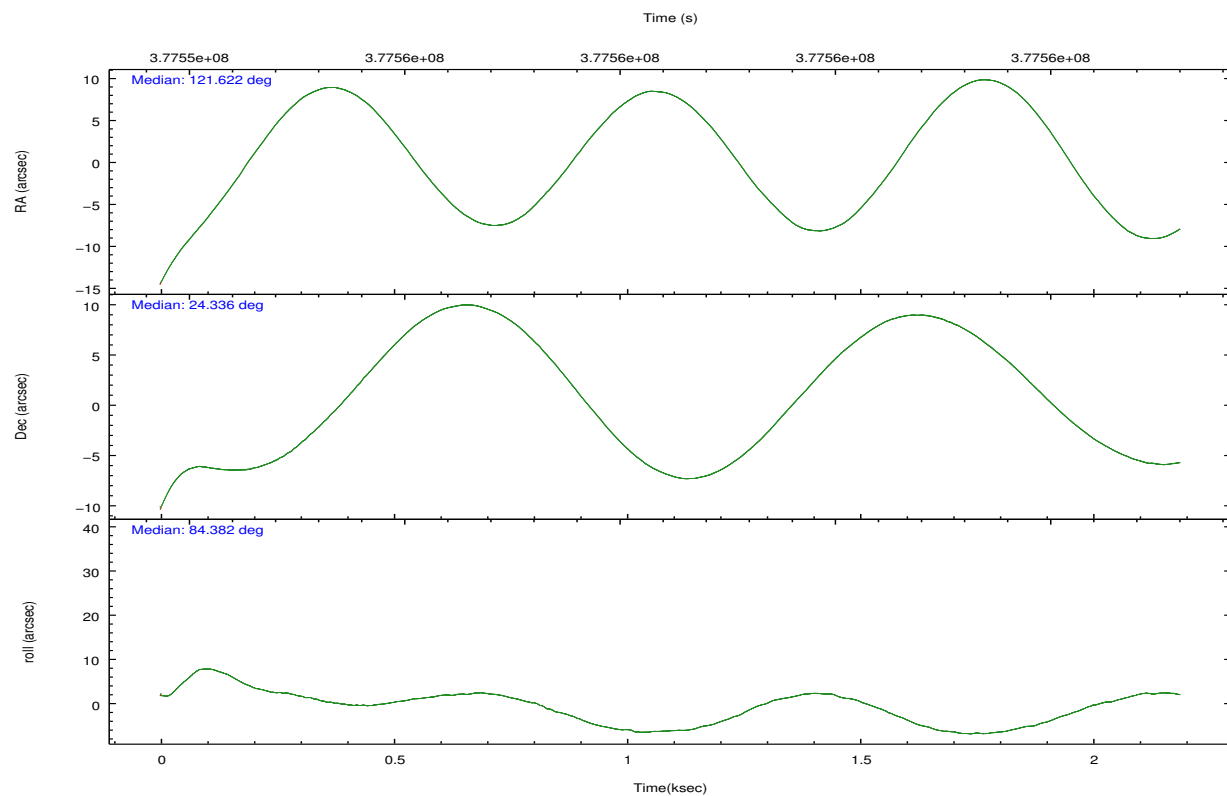
	ccd 7
grade 0 events	217
	5%
grade 1 events	5
	0%
grade 2 events	398
	10%
grade 3 events	239
	6%
grade 4 events	250
	6%
grade 5 events	381
	10%
grade 6 events	842
	22%
grade 7 events	1465
	38%

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	121.634590	121.6216446889397	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	24.311719	24.33627416461926	Subarray start row	449	449
[deg] Pointing Roll	84.229464	84.39137993818781	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)	377554712.184000	377553827.87922			
Observation start date	2009-12-18T20:17:26	2009-12-18T20:03:47			
[s] Observation end time (MET)	377556712.184000	377556907.49187			
Observation end date	2009-12-18T20:50:46	2009-12-18T20:55:07			
Read mode	TIMED	TIMED			

2.3 Aspect



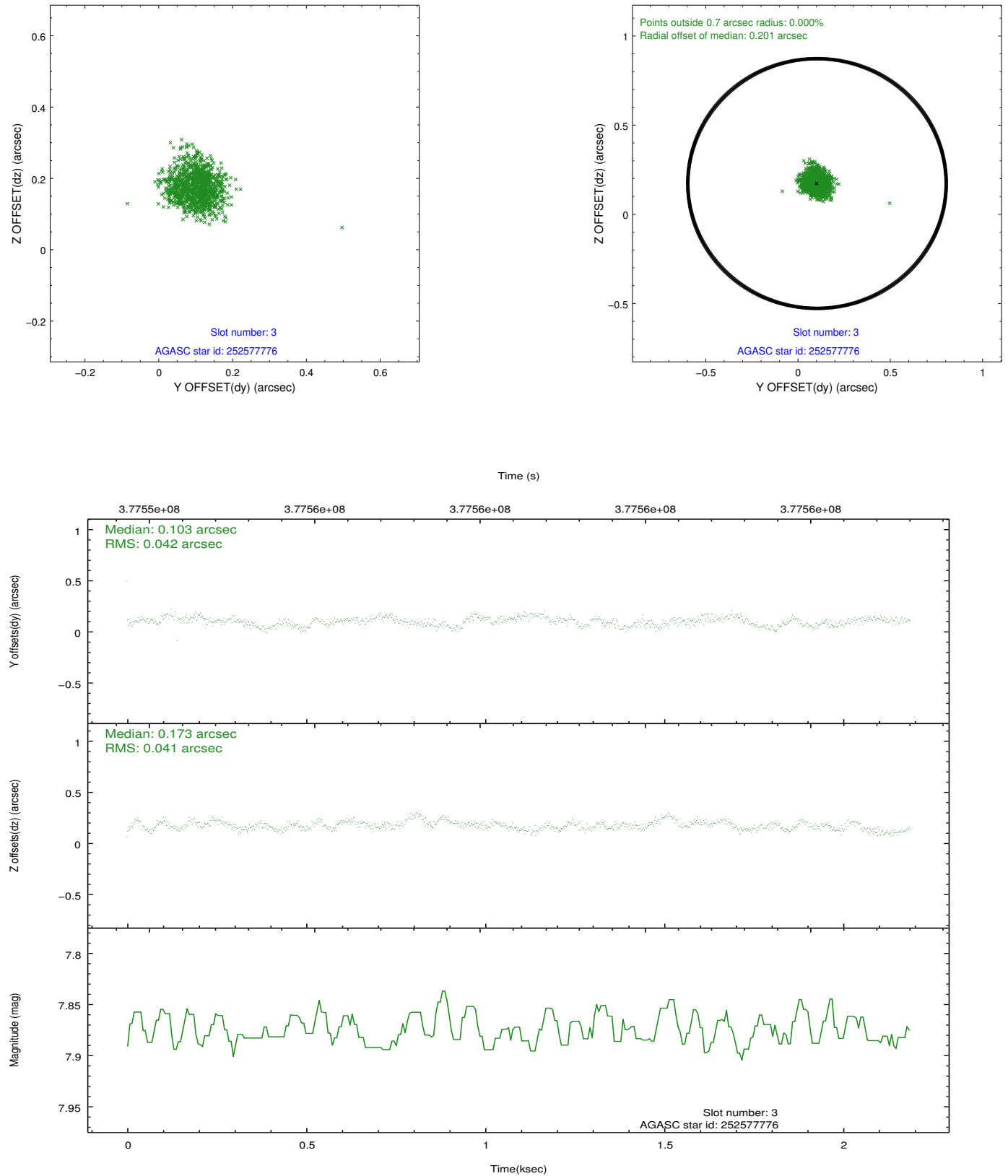


Slot Statistics

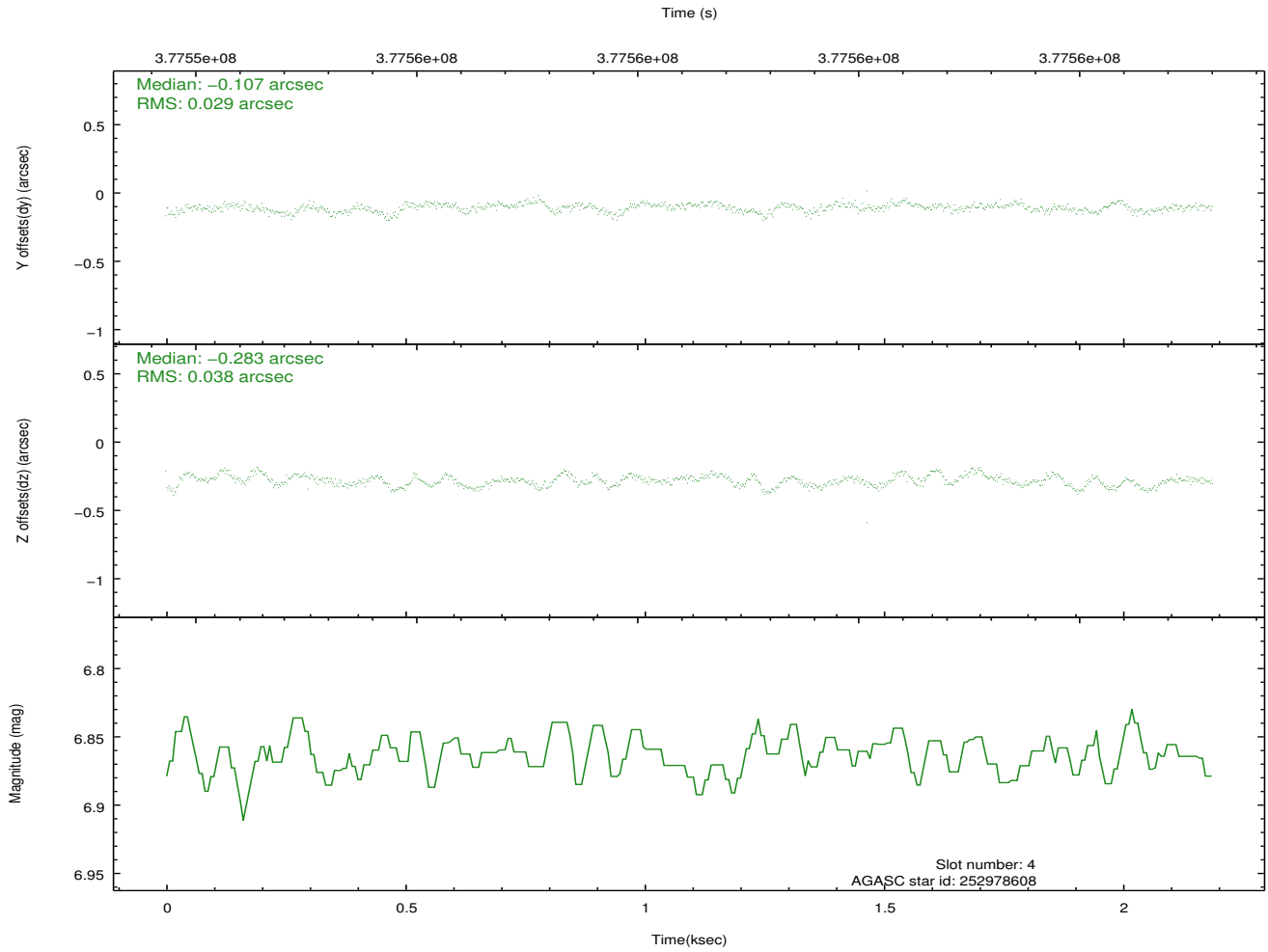
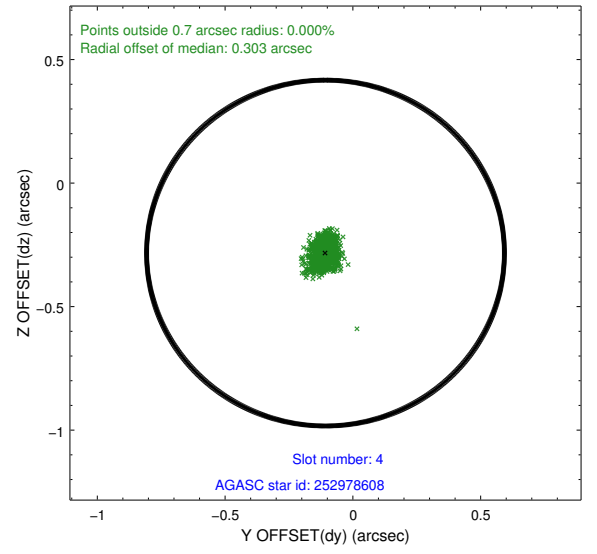
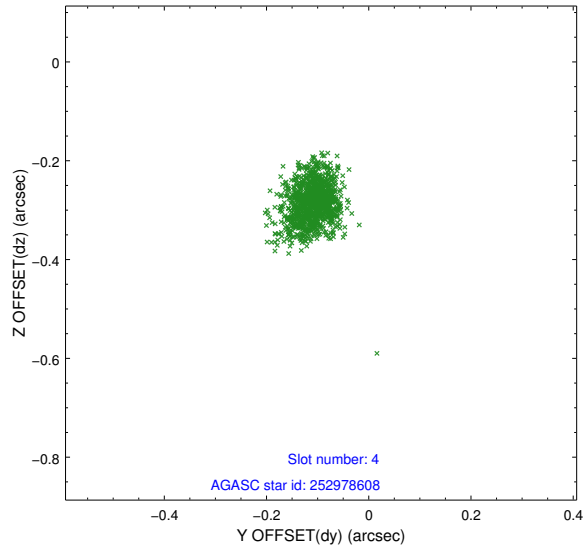
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	534	-0.098	-0.040	0.006	0.011	0.000000	0.000000	-768.06	-1736.23
1	FID	ACIS-S-4	6.98	534	0.222	0.058	0.005	0.011	0.000000	0.000000	2144.15	169.29
2	FID	ACIS-S-5	7.01	534	-0.155	-0.009	0.006	0.011	0.000000	0.000000	-1817.16	166.25
3	GUIDE	252577776	7.88	1068	0.103	0.173	0.061	0.096	121.963441	24.018102	-940.68	-1182.86
4	GUIDE	252978608	6.86	1068	-0.107	-0.283	0.050	0.082	121.037358	24.508140	510.62	2016.09
5	GUIDE	253108144	8.75	1067	-0.096	0.152	0.092	0.146	121.921909	24.738762	1626.49	-778.34
6	GUIDE	253108456	8.86	1067	-0.068	0.178	0.075	0.124	122.025353	24.715177	1578.00	-1126.14
7	GUIDE	252445040	8.77	1067	0.169	-0.220	0.115	0.181	120.948183	24.372625	-0.38	2260.14

2.4 Star Slots

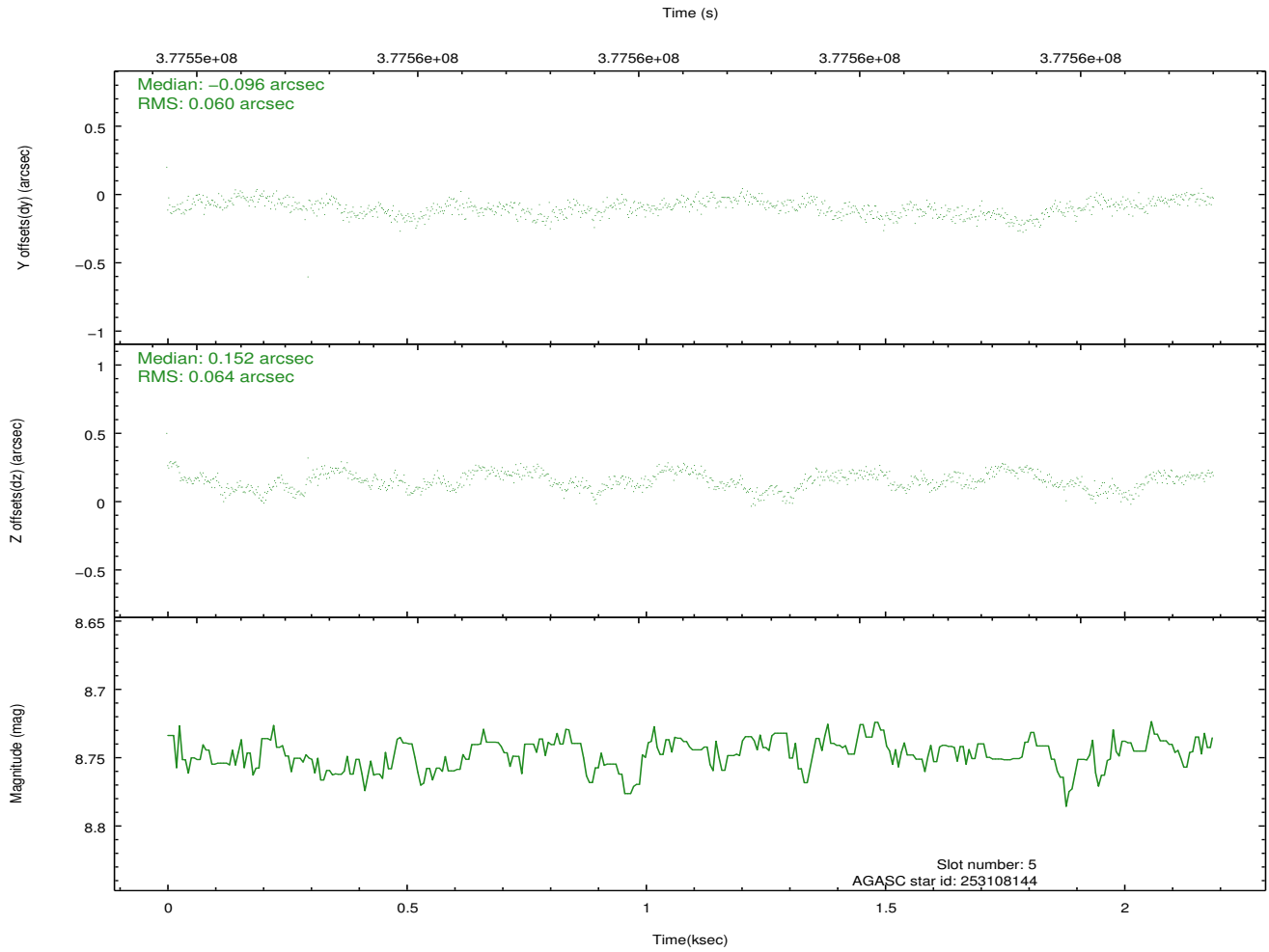
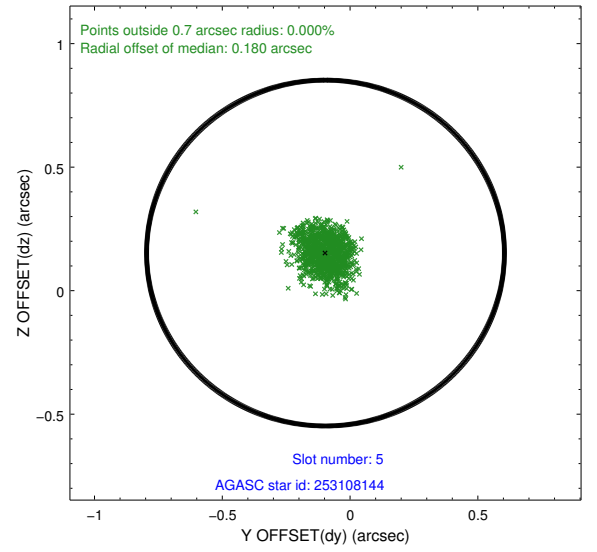
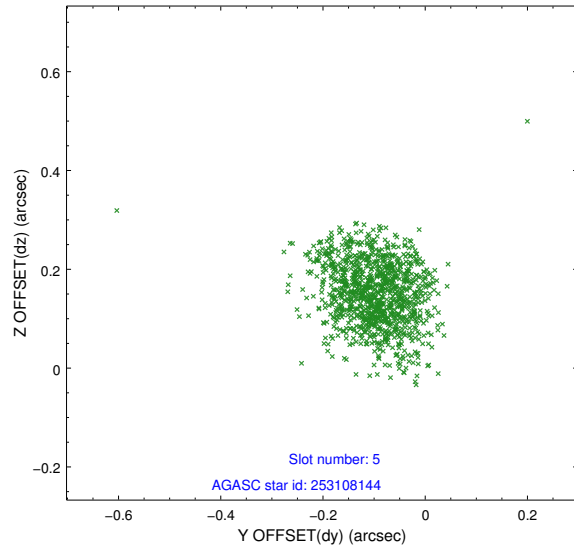
2.4.1 Slot 3



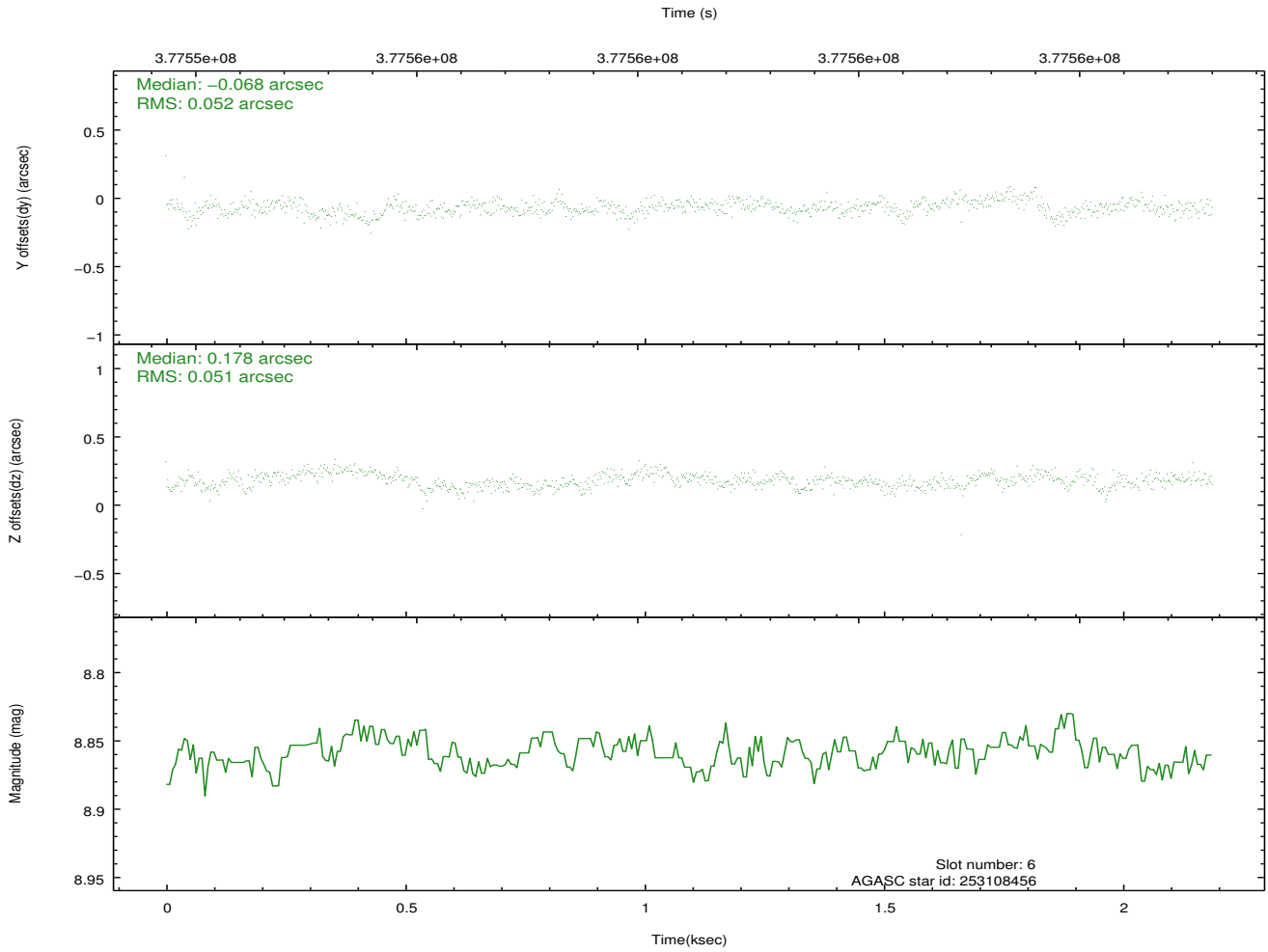
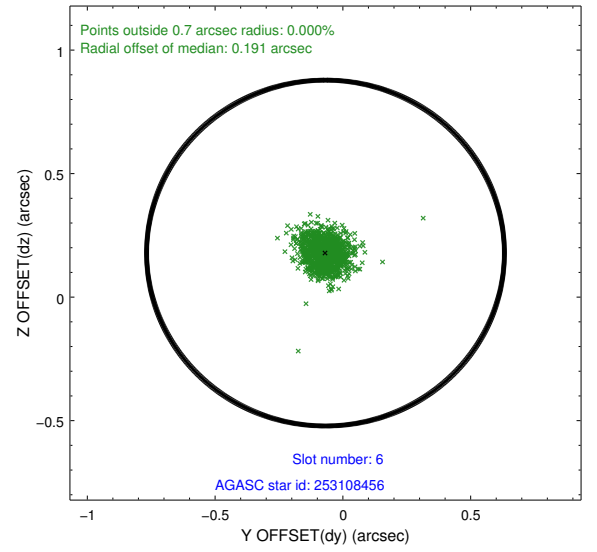
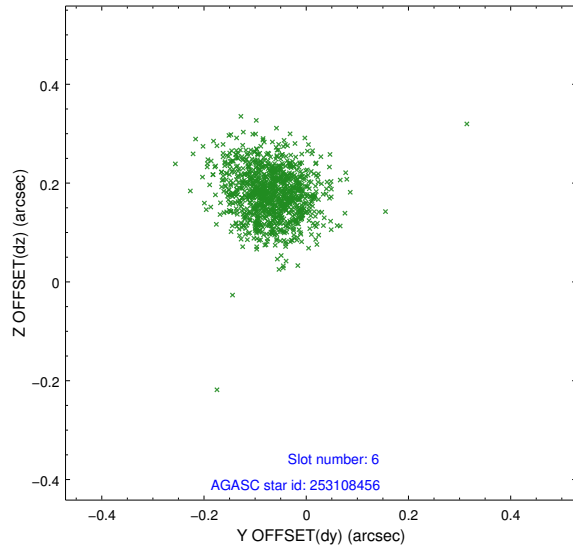
2.4.2 Slot 4



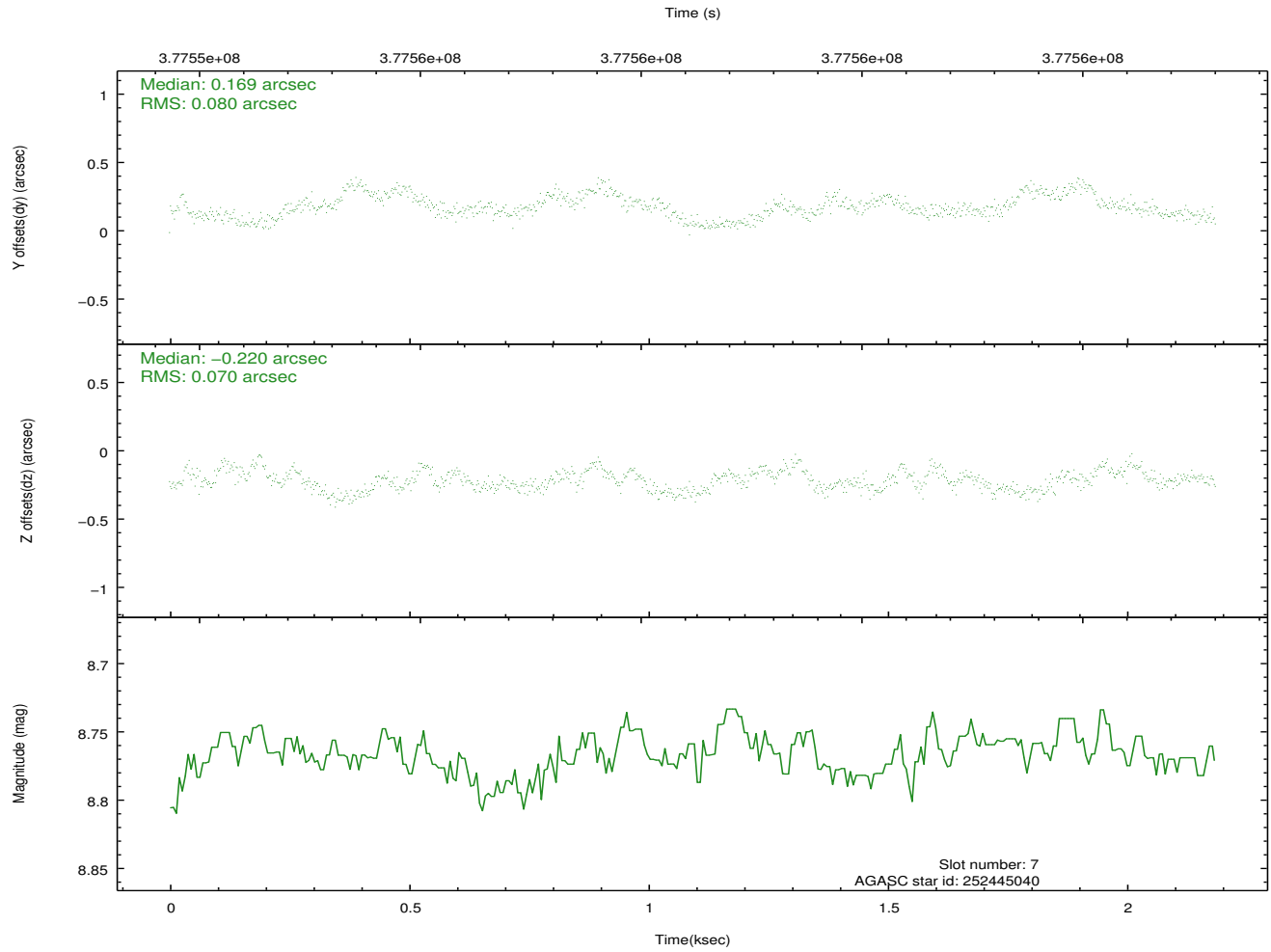
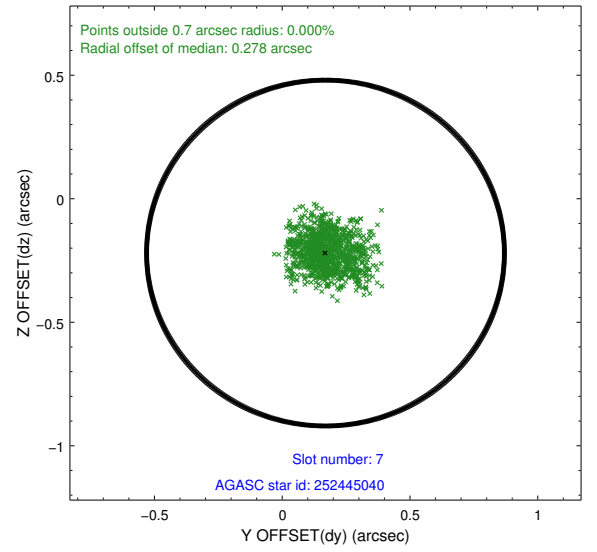
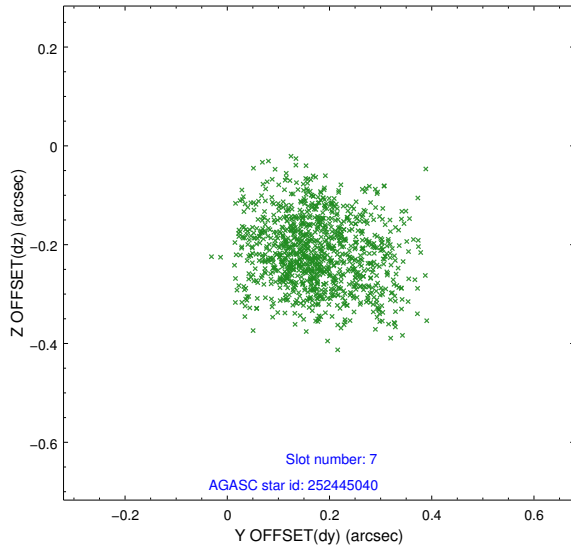
2.4.3 Slot 5



2.4.4 Slot 6

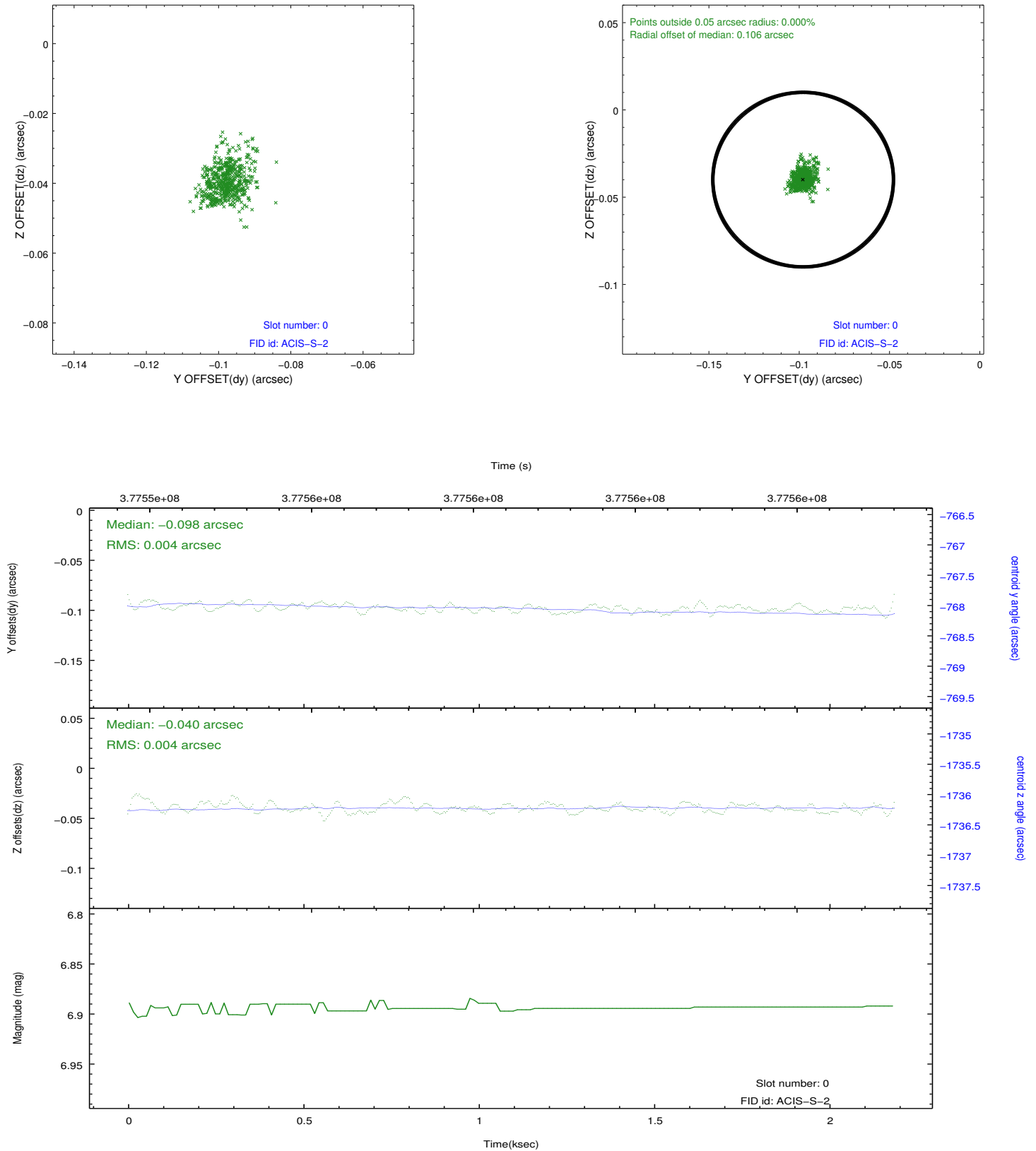


2.4.5 Slot 7

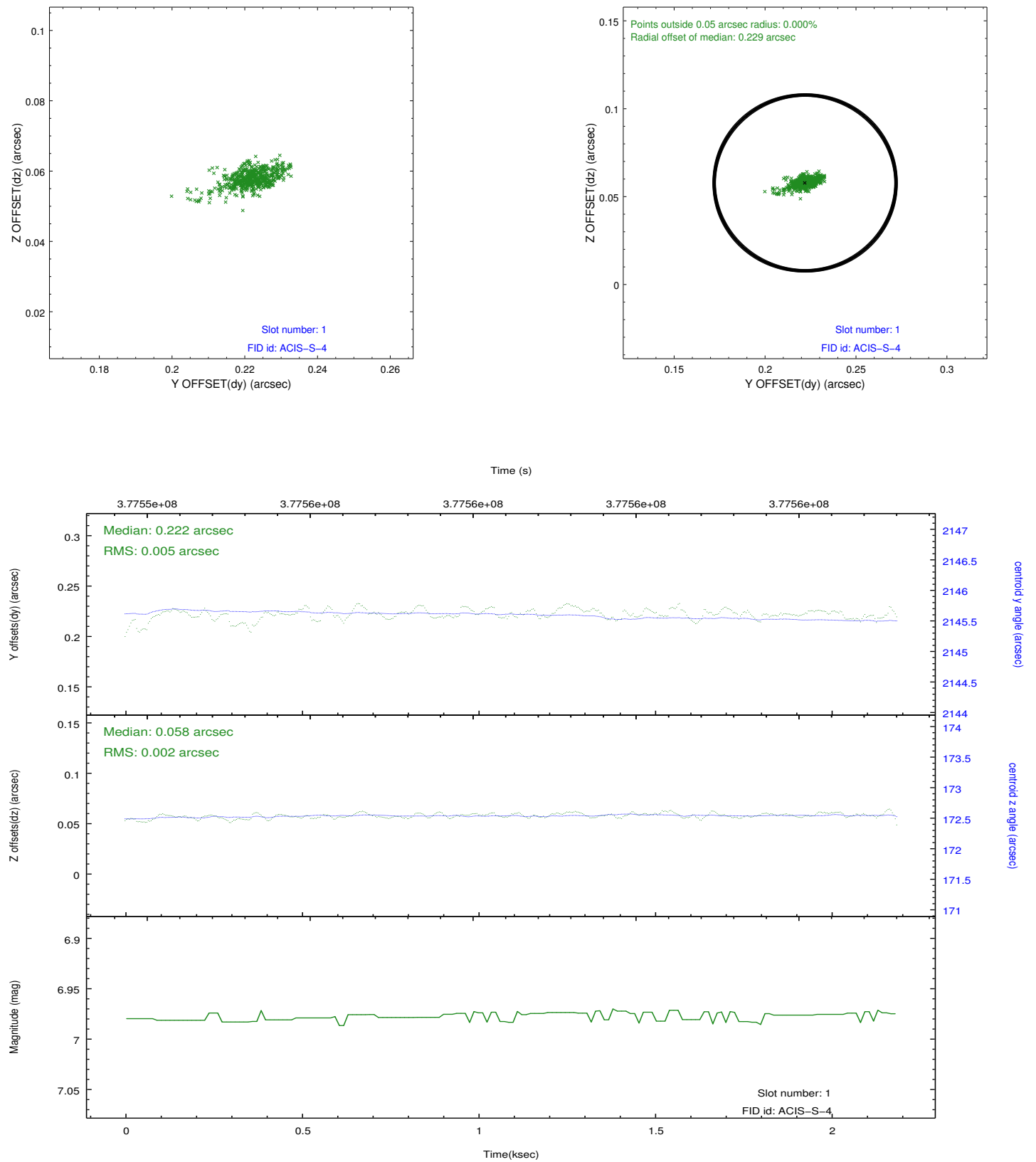


2.5 FID Slots

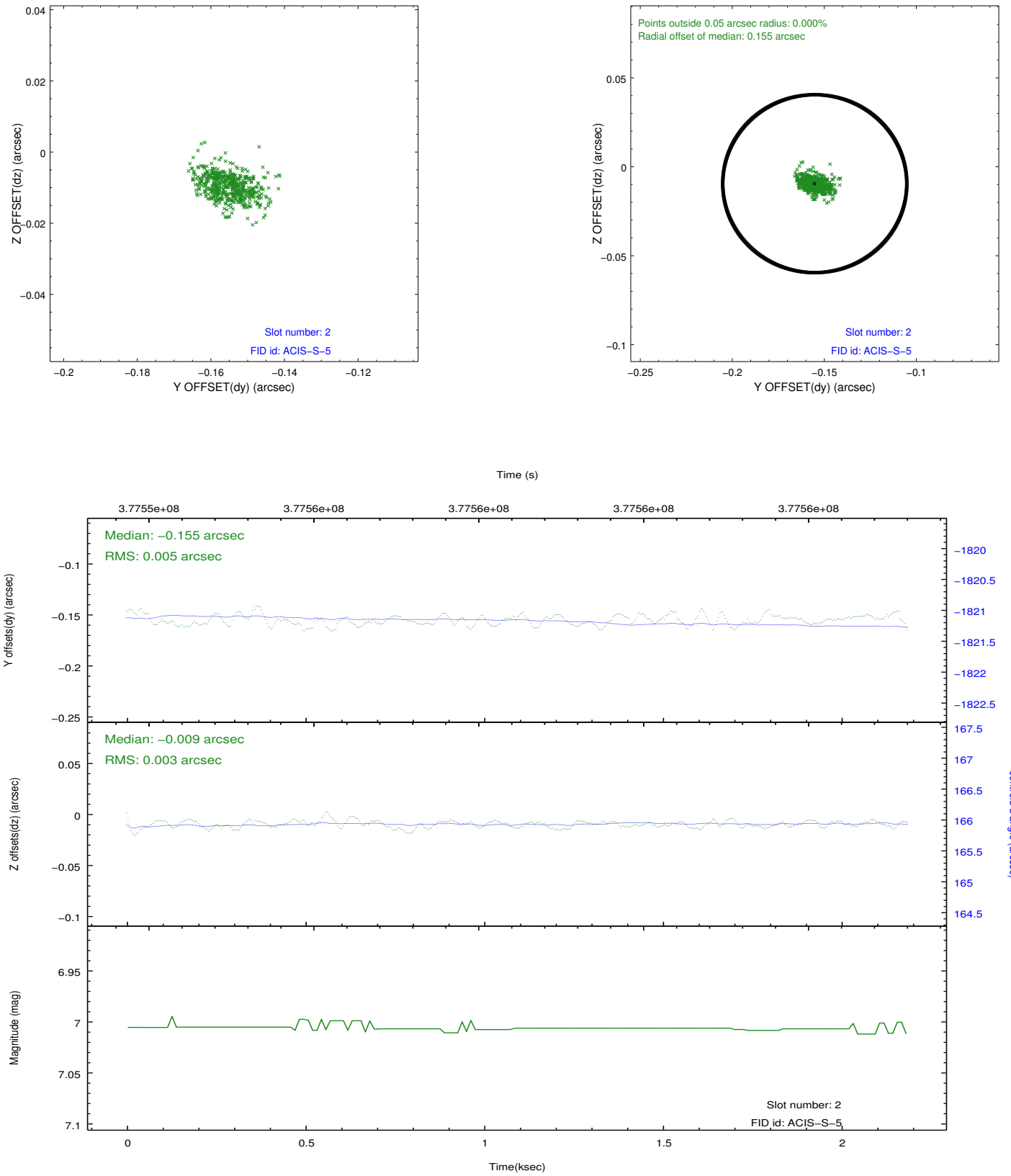
2.5.1 Slot 0



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)	2012.06.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1859998697042

A.2 Comments