

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11460 - L2 Version 2
Chandra X-Ray Center

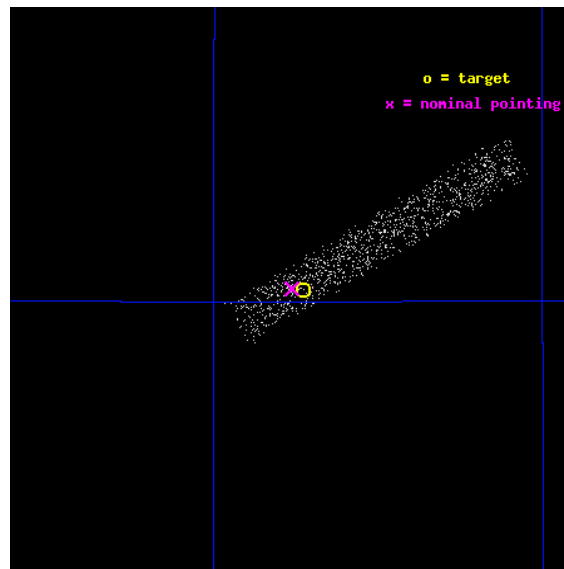
L2 Processing Date : Jul 2 2012

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1 Front

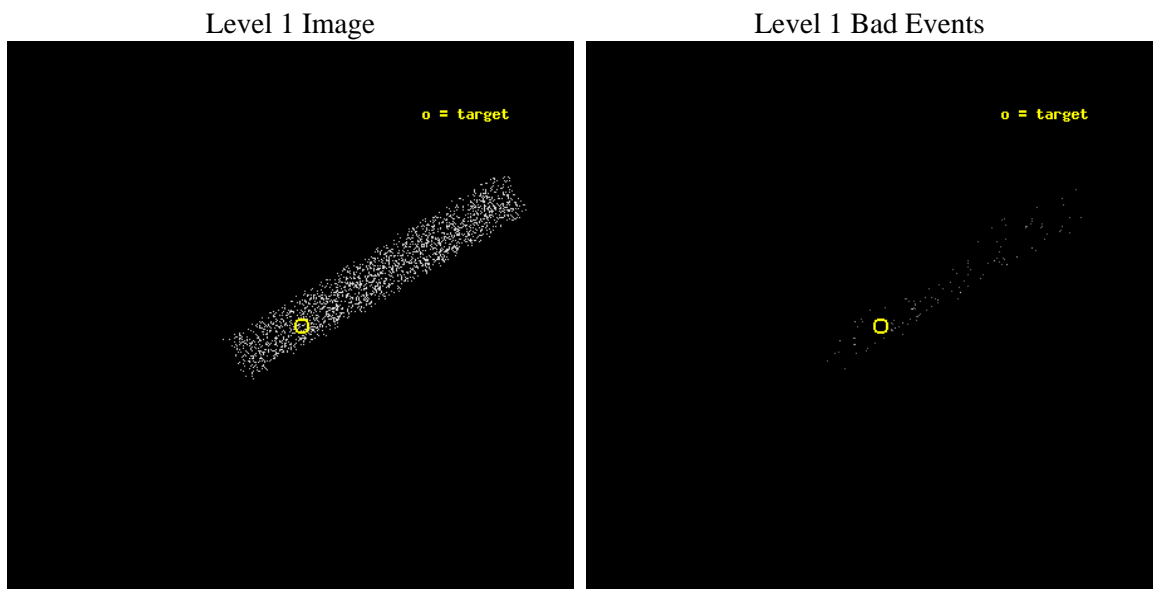
seq_num	702046	Sequence number
obs_id	11460	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J114343.76+550019.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.9325	Observer's specified target RA [deg]
dec_targ	55.005361	Observer's specified target Dec [deg]
ra_nom	175.94082875231	Nominal RA [deg]
dec_nom	55.005453989978	Nominal Dec [deg]
roll_nom	329.10379691981	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2008.712466538	Sum of GTIs [s]
livetime	1821.7961786123	Livetime [s]
ontime7	2008.712466538	Sum of GTIs [s]
l2events	1186	Number of level 2 events



2 OBI

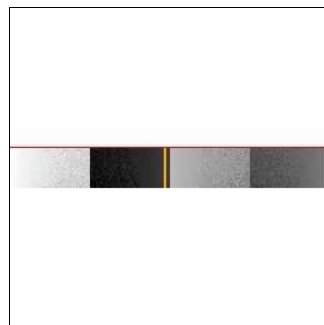
2.1 OBI

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	2008.712466538	Sum of GTIs [s]
caldsver	4.5.0	 	ontime7	2008.712466538	Sum of GTIs [s]
date	2012-07-02T05:25:35	Date and time of file creation	l1events	2384	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

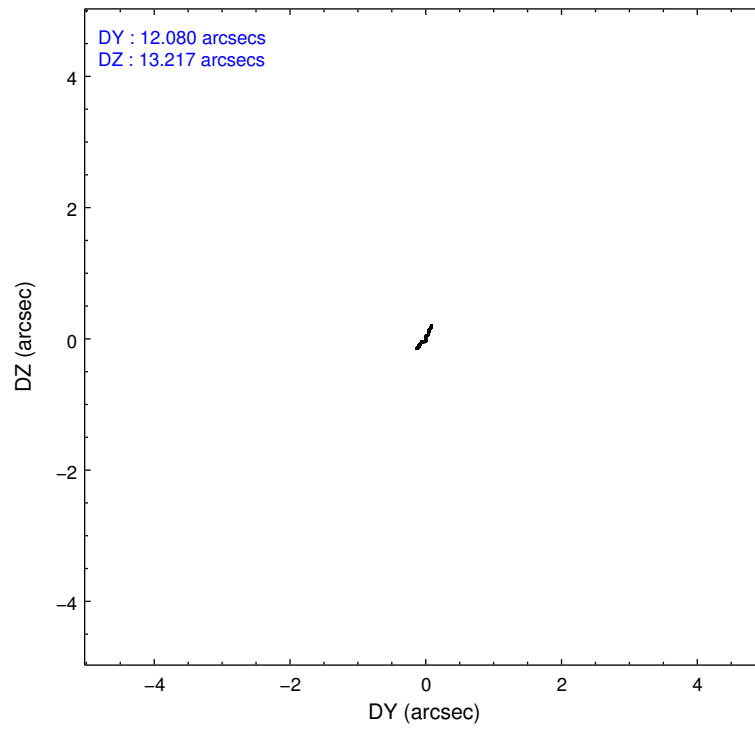
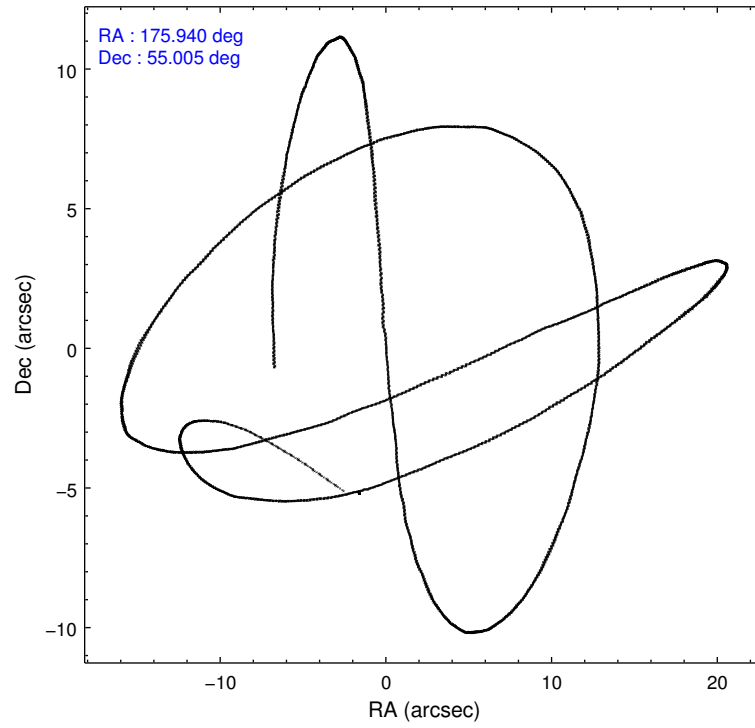
	ccd 7
level 1 events	2384
rejected events	1145
rejected %	48%

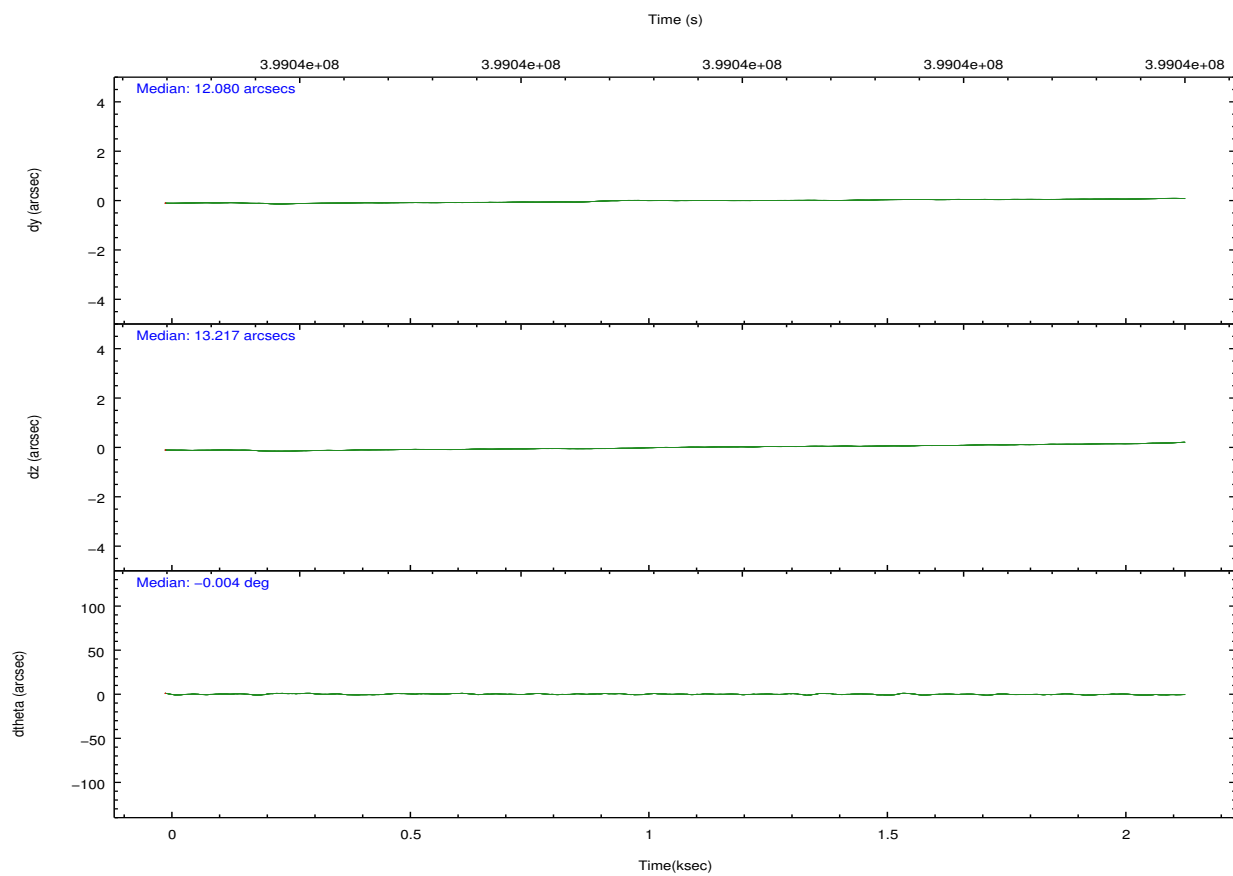
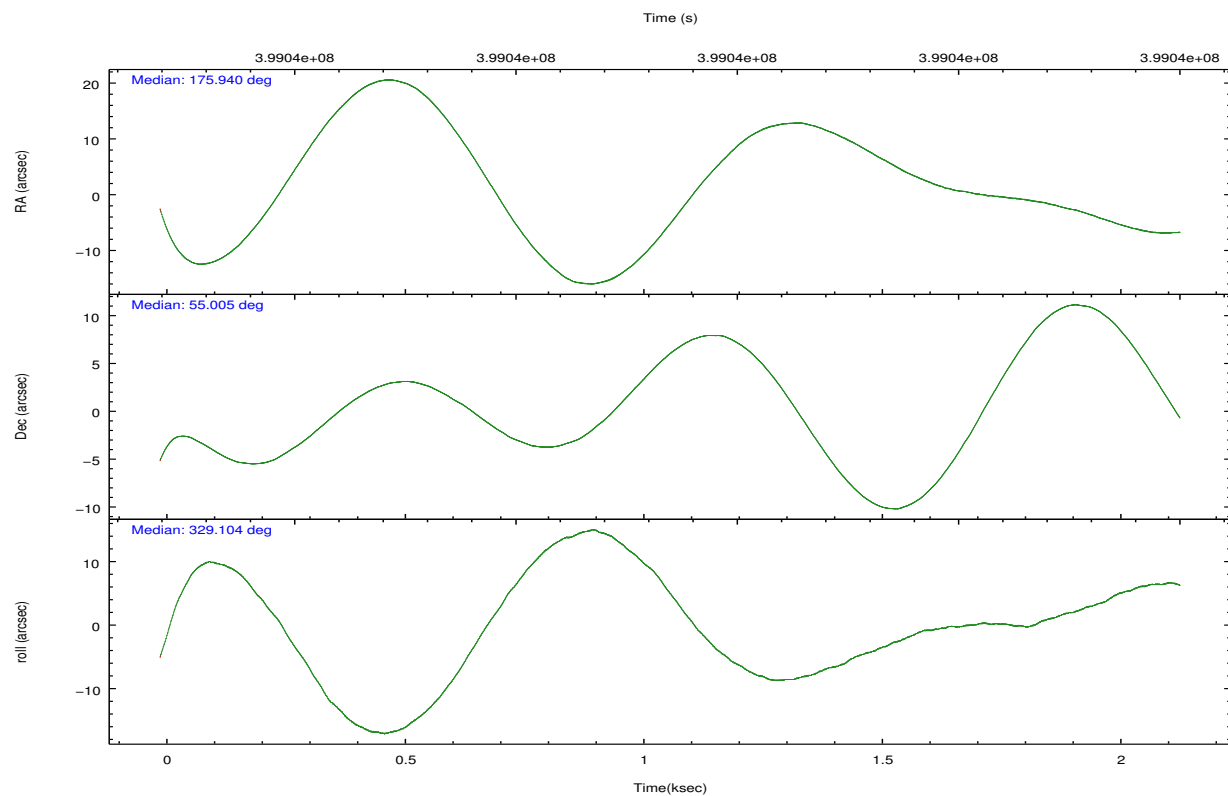
	ccd 7
grade 0 events	160
	6%
grade 1 events	2
	0%
grade 2 events	219
	9%
grade 3 events	175
	7%
grade 4 events	161
	6%
grade 5 events	260
	10%
grade 6 events	524
	21%
grade 7 events	883
	37%

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	175.893274	175.9408287523073	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	55.005465	55.00545398997842	Subarray start row	449	449
[deg] Pointing Roll	328.986184	329.1037969198065	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)	399041917.184000	399040776.35952			
Observation start date	2010-08-24T12:57:31	2010-08-24T12:39:36			
[s] Observation end time (MET)	399043917.184000	399044471.99721			
Observation end date	2010-08-24T13:30:51	2010-08-24T13:41:11			
Read mode	TIMED	TIMED			

2.3 Aspect



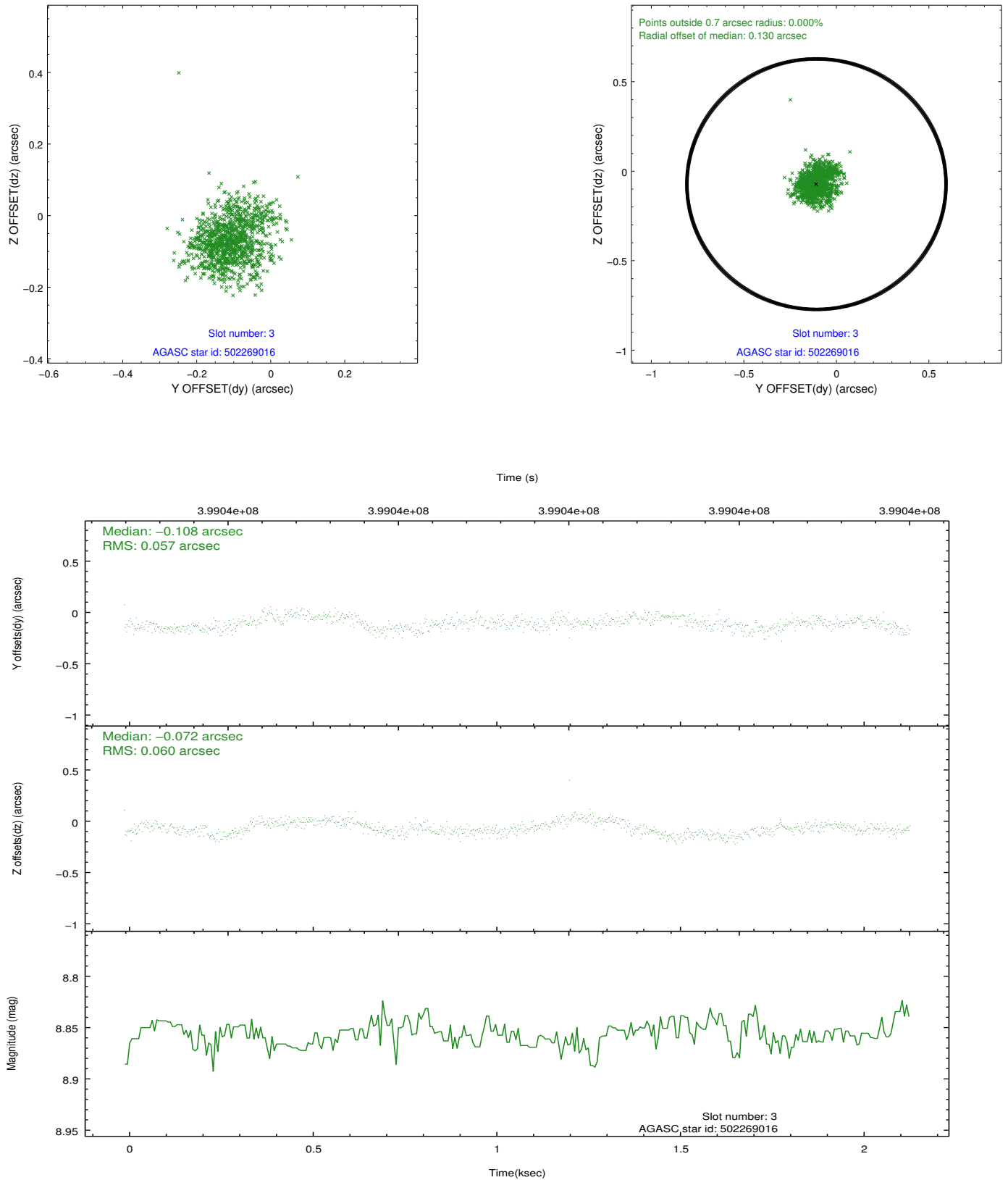


Slot Statistics

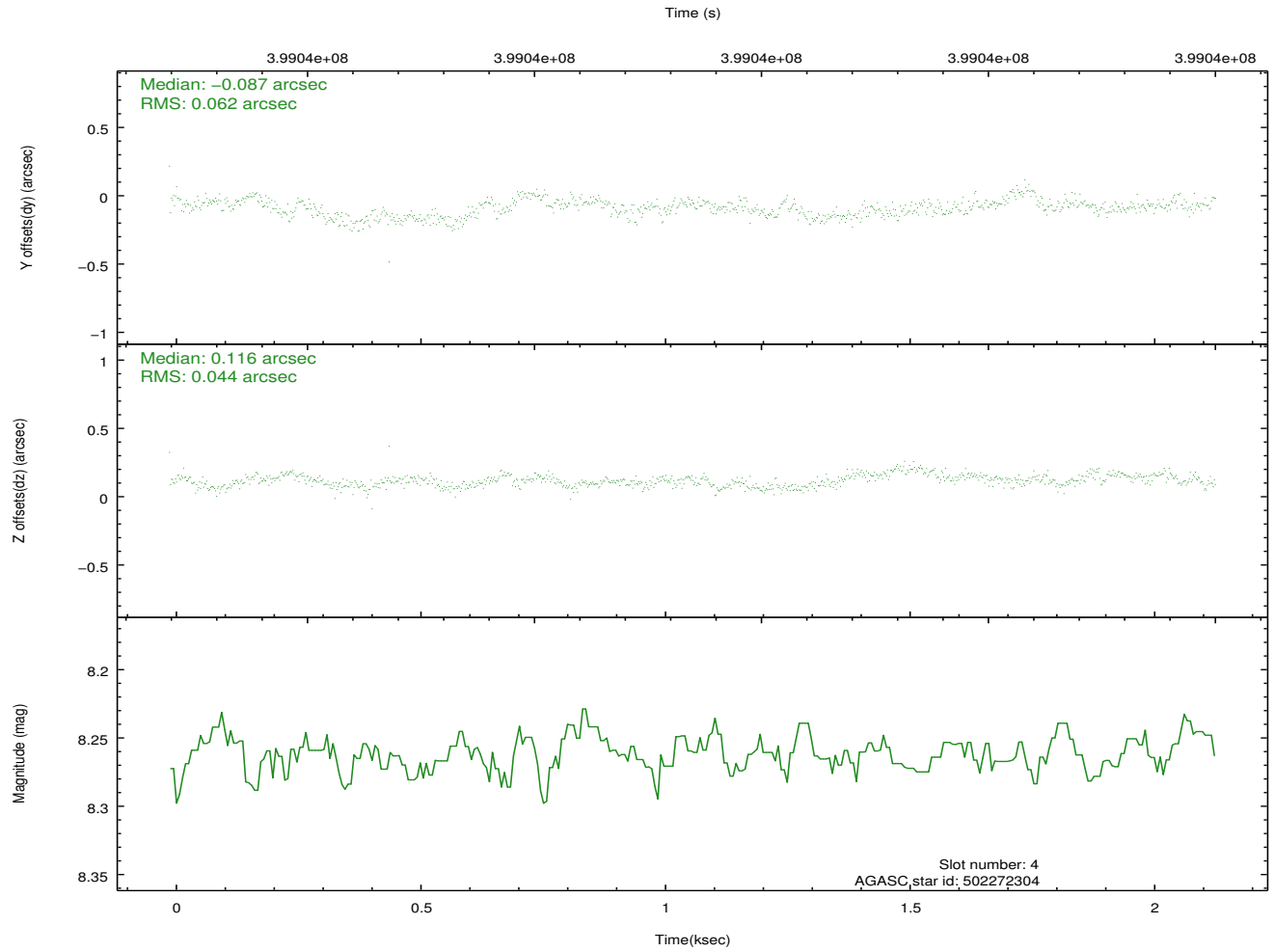
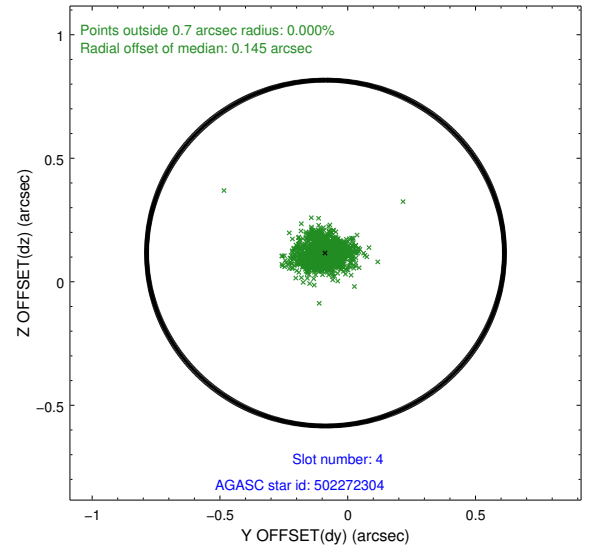
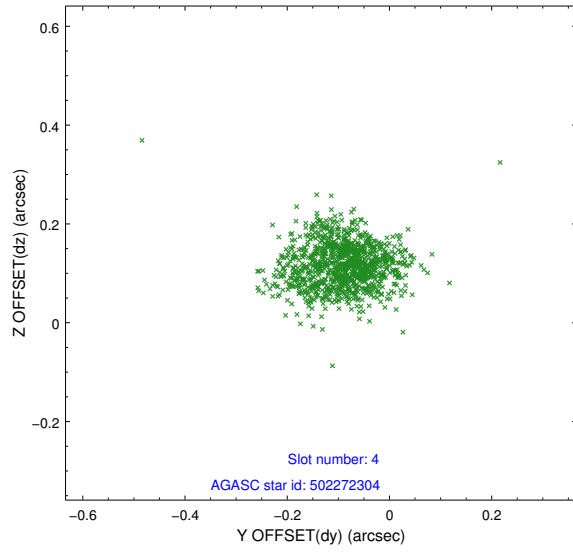
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.95	522	-0.059	-0.031	0.005	0.010	0.000000	0.000000	-765.02	-1734.52
1	FID	ACIS-S-4	7.04	522	0.075	0.026	0.005	0.009	0.000000	0.000000	2147.01	170.84
2	FID	ACIS-S-6	7.18	522	-0.044	0.012	0.006	0.010	0.000000	0.000000	400.91	811.70
3	GUIDE	502269016	8.86	1044	-0.108	-0.072	0.090	0.139	177.130457	54.972659	2240.53	1235.40
4	GUIDE	502272304	8.26	1044	-0.087	0.116	0.079	0.128	176.592205	54.449939	2283.14	-952.54
5	GUIDE	502662232	7.99	1044	0.106	0.016	0.067	0.109	175.078486	55.302670	-1985.73	63.73
6	GUIDE	502662792	8.95	1044	0.122	0.039	0.090	0.140	175.717067	55.292970	-845.09	700.26
7	GUIDE	502669520	8.01	1043	-0.032	-0.095	0.079	0.120	176.602956	55.341551	617.75	1792.61

2.4 Star Slots

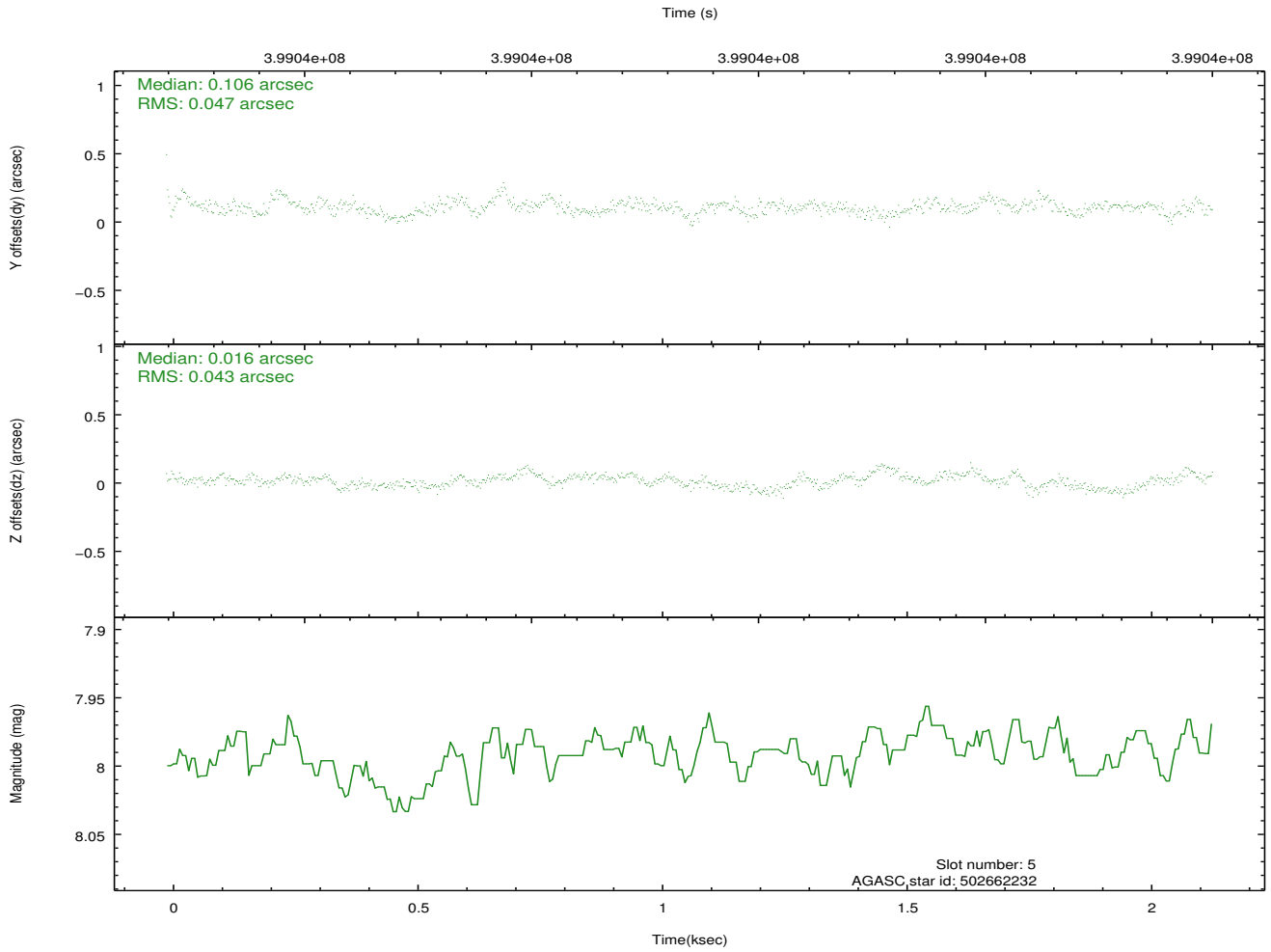
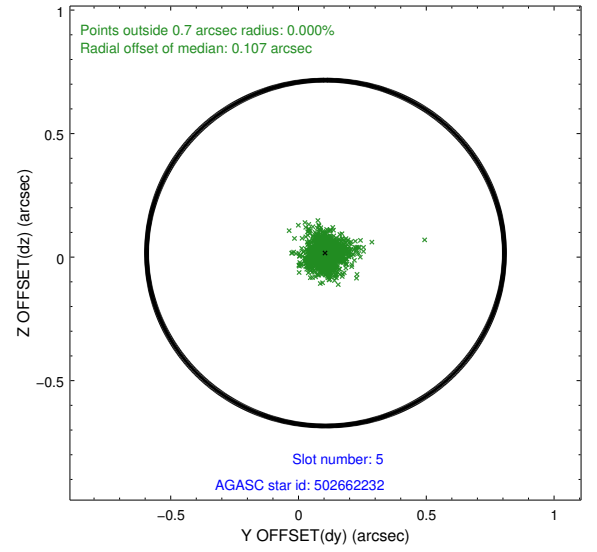
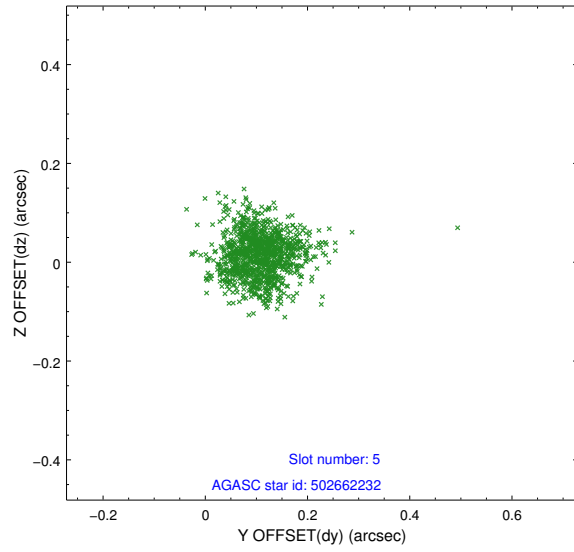
2.4.1 Slot 3



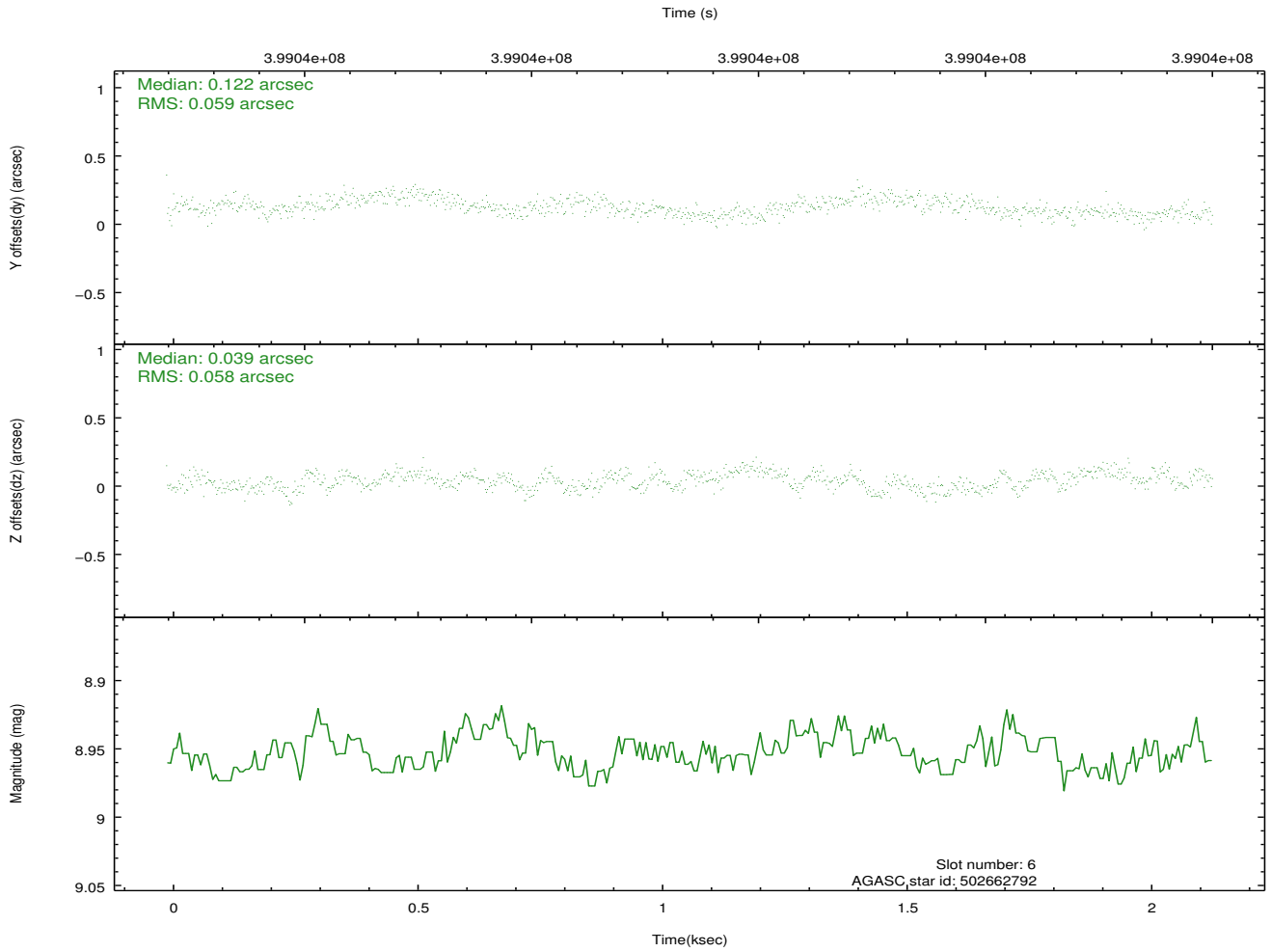
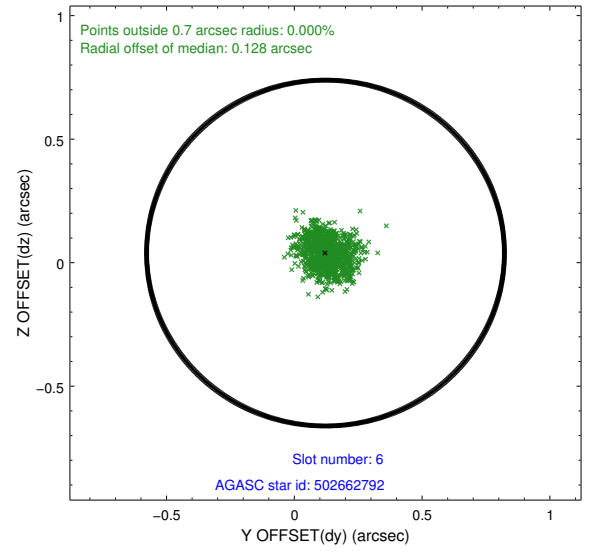
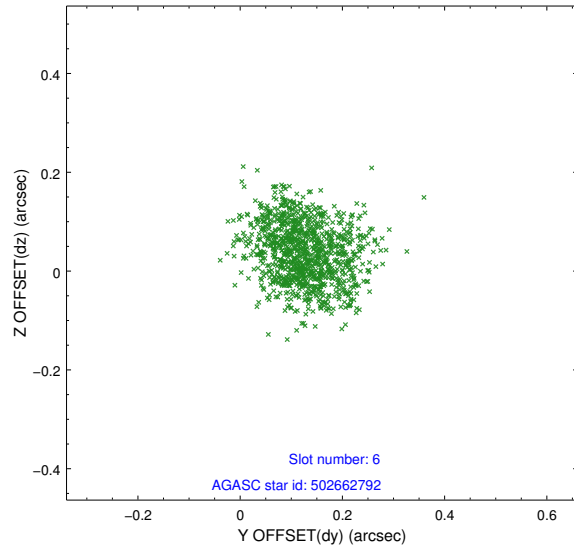
2.4.2 Slot 4



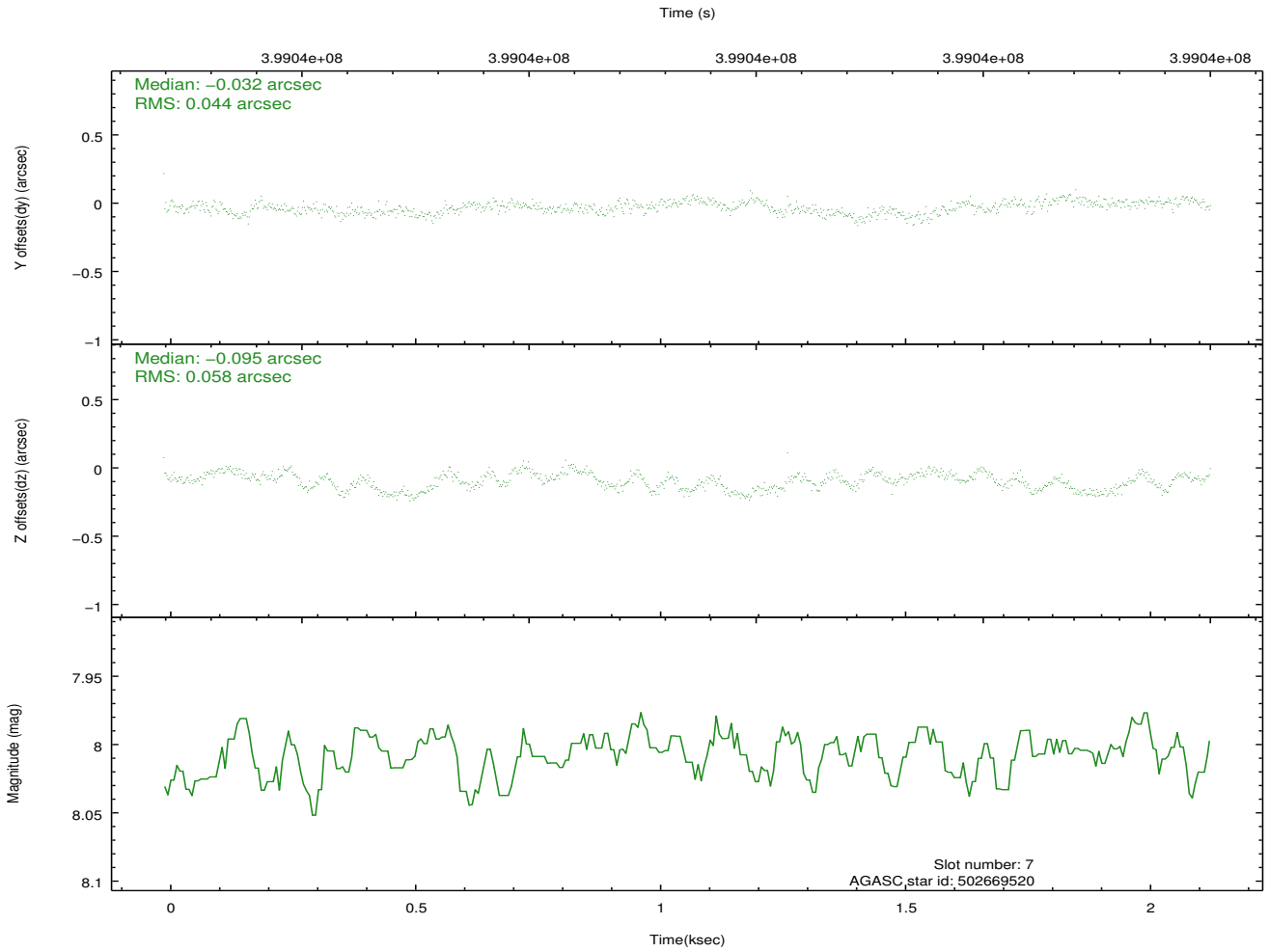
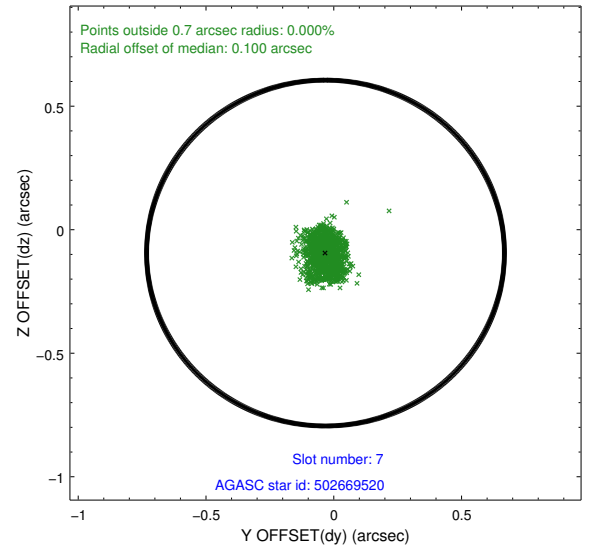
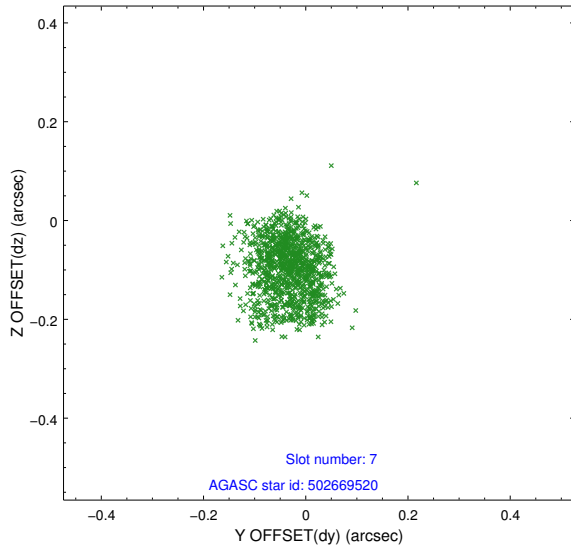
2.4.3 Slot 5



2.4.4 Slot 6

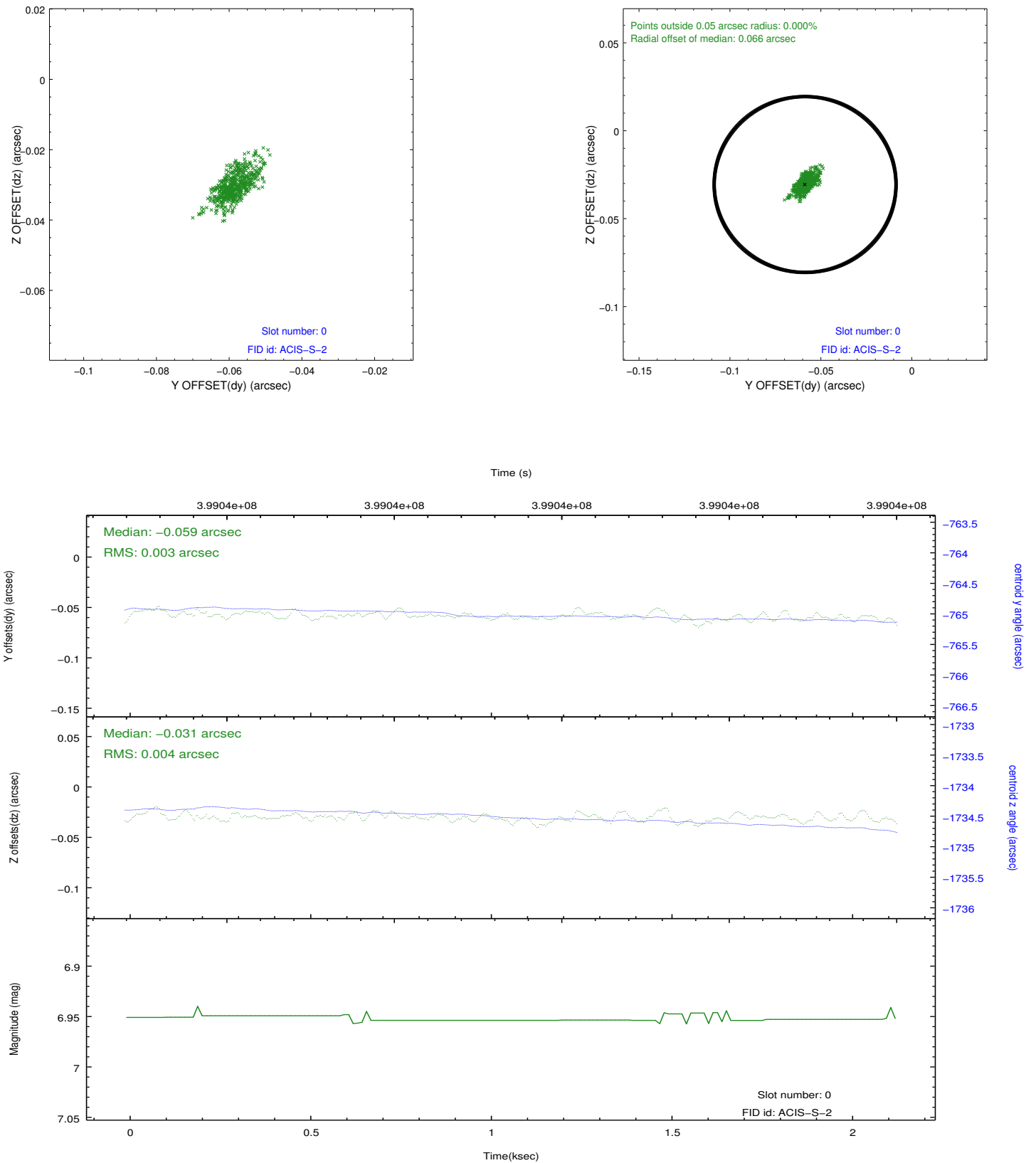


2.4.5 Slot 7

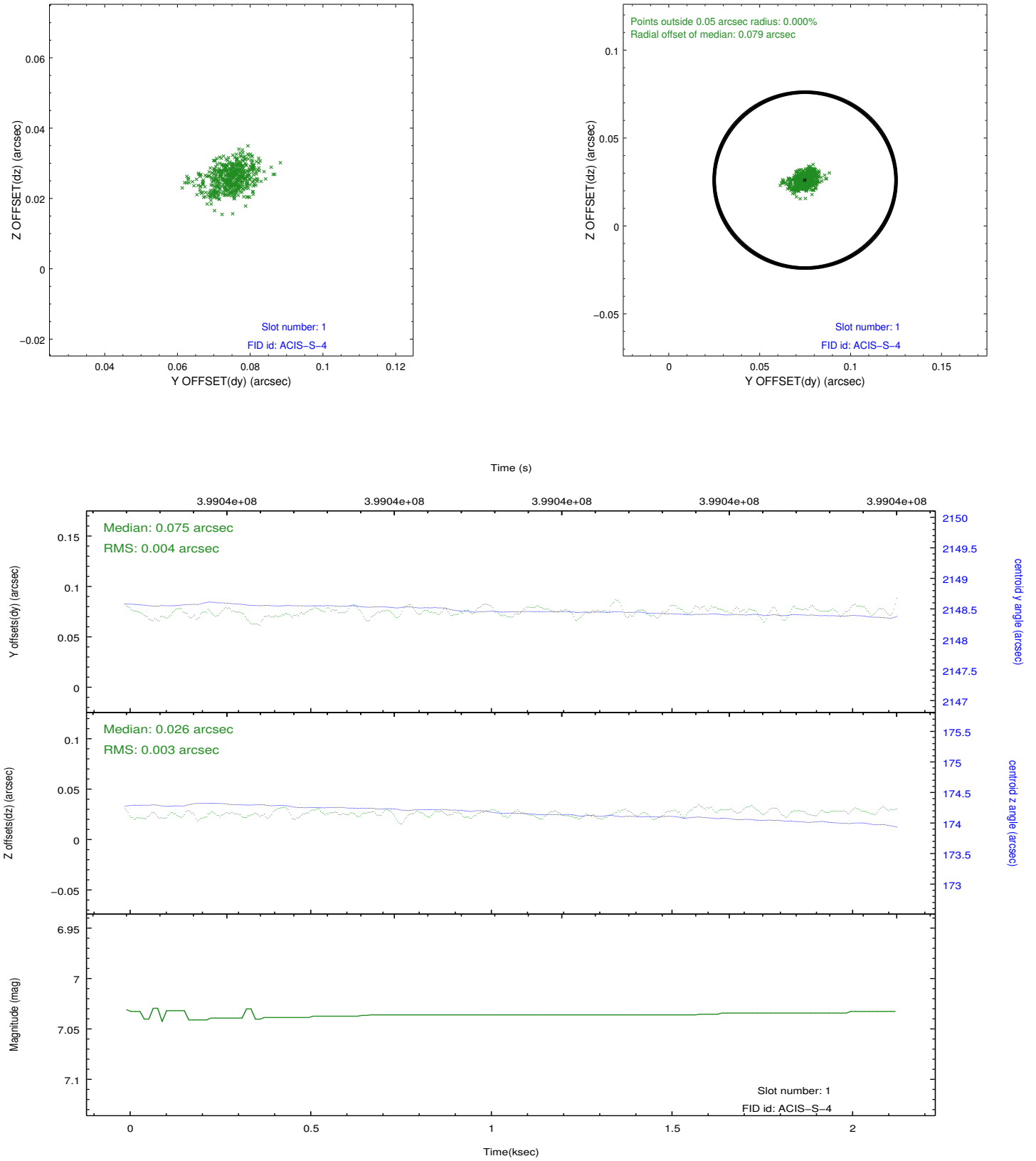


2.5 FID Slots

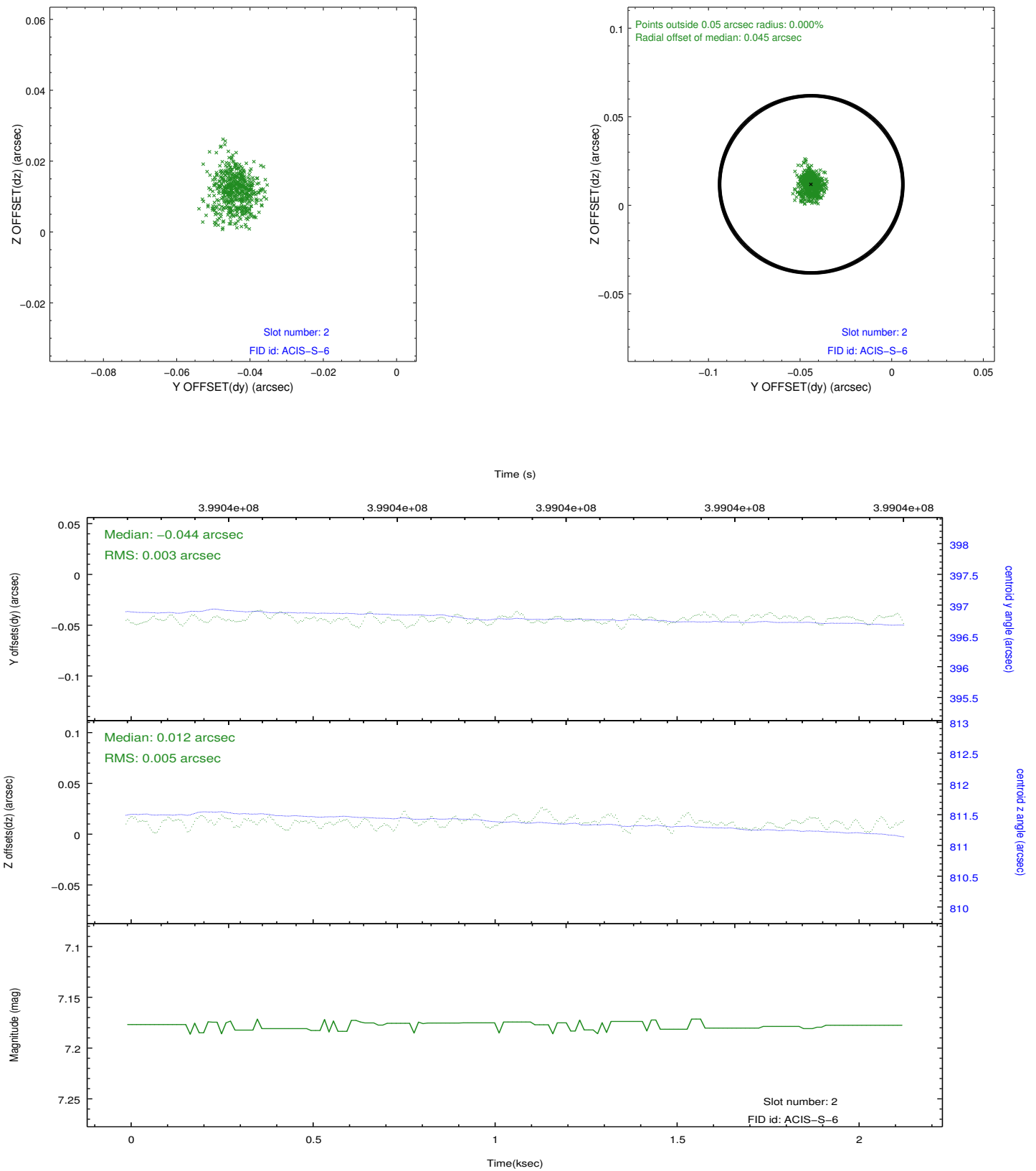
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.07.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.0087124669552

A.2 Comments