

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 12947 - L2 Version 2
Chandra X-Ray Center

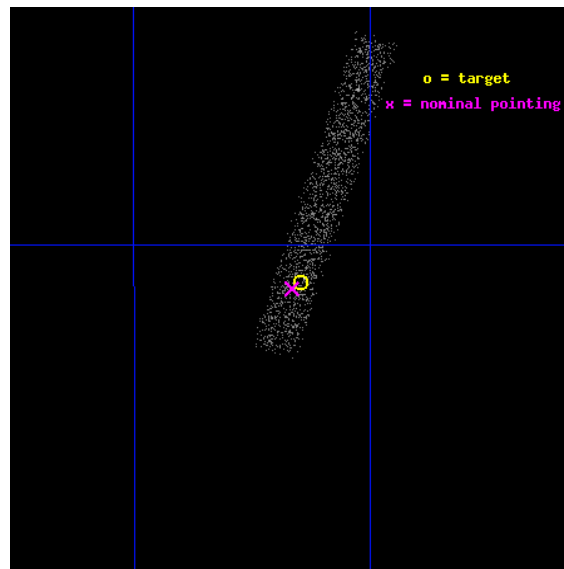
L2 Processing Date : Feb 18 2012

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1 Front

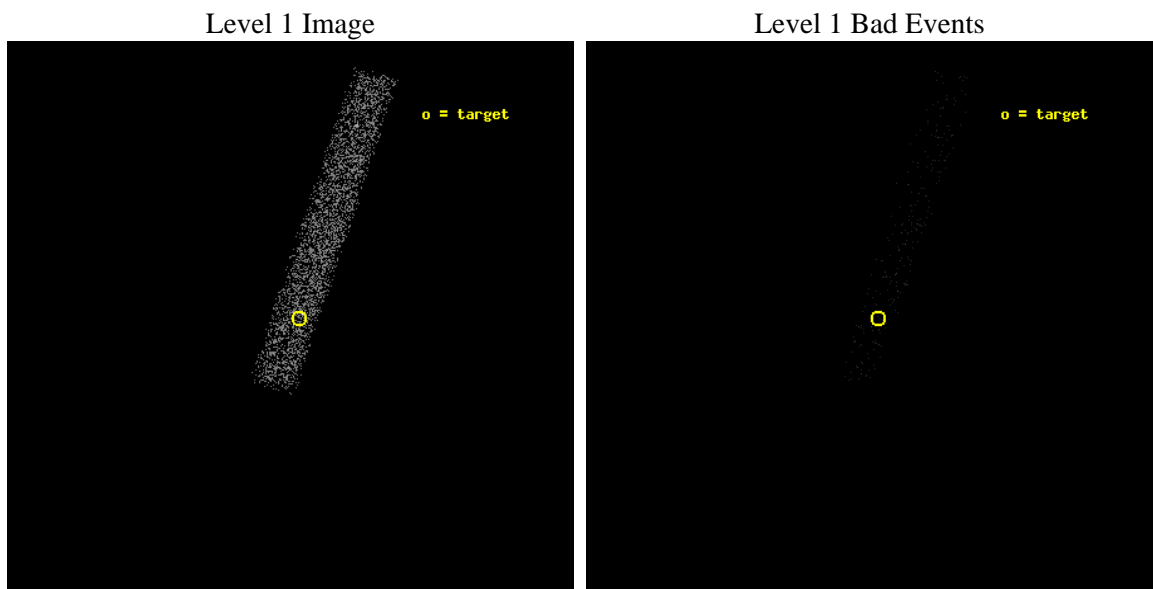
seq_num	900979	Sequence number
obs_id	12947	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J180408.9-342058	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	271.037083	Observer's specified target RA [deg]
dec_targ	-34.349444	Observer's specified target Dec [deg]
ra_nom	271.04159604436	Nominal RA [deg]
dec_nom	-34.35243970807	Nominal Dec [deg]
roll_nom	288.48866201262	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4021.599760294	Sum of GTIs [s]
livetime	3647.378705146	Livetime [s]
ontime7	4021.599760294	Sum of GTIs [s]
l2events	2280	Number of level 2 events



2 OBI

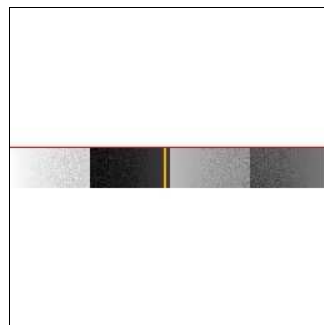
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4011.815000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	4021.599760294	Sum of GTIs [s]
caldsver	4.4.8	 	ontime7	4021.599760294	Sum of GTIs [s]
date	2012-02-18T17:36:40	Date and time of file creation	l1events	4494	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

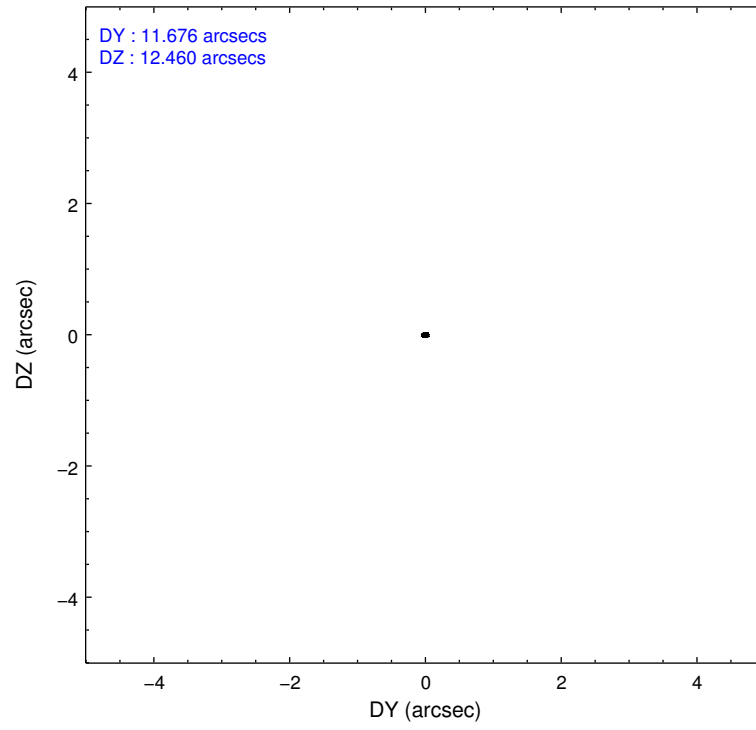
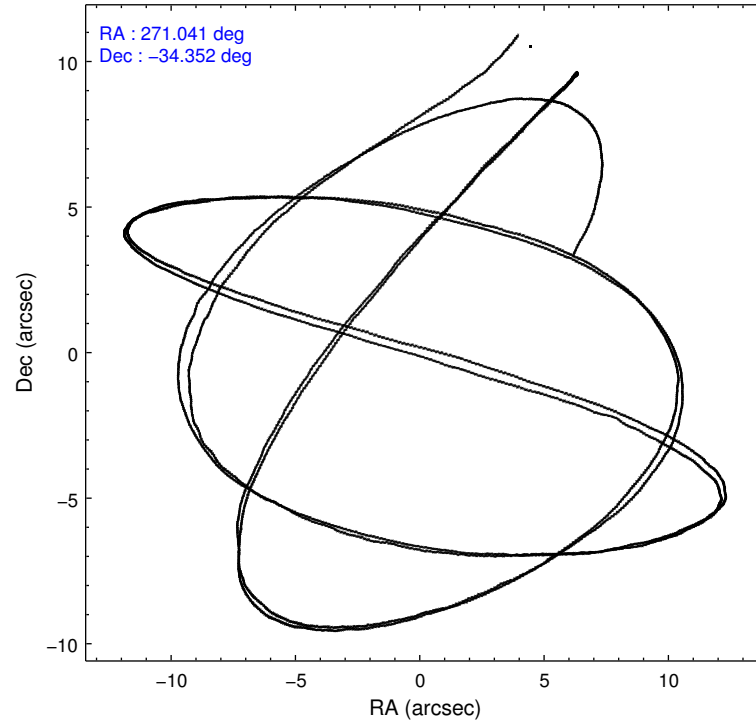
	ccd 7
level 1 events	4494
rejected events	2095
rejected %	46%

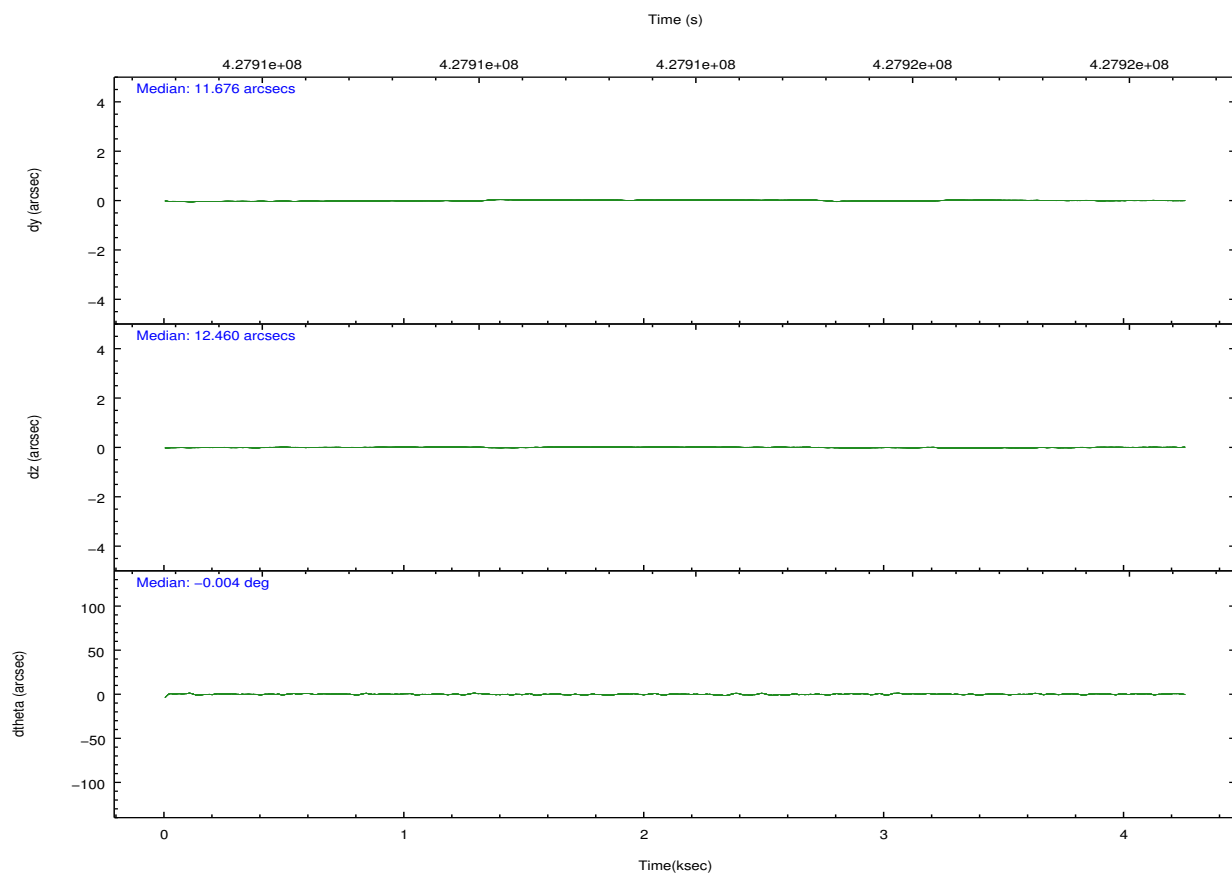
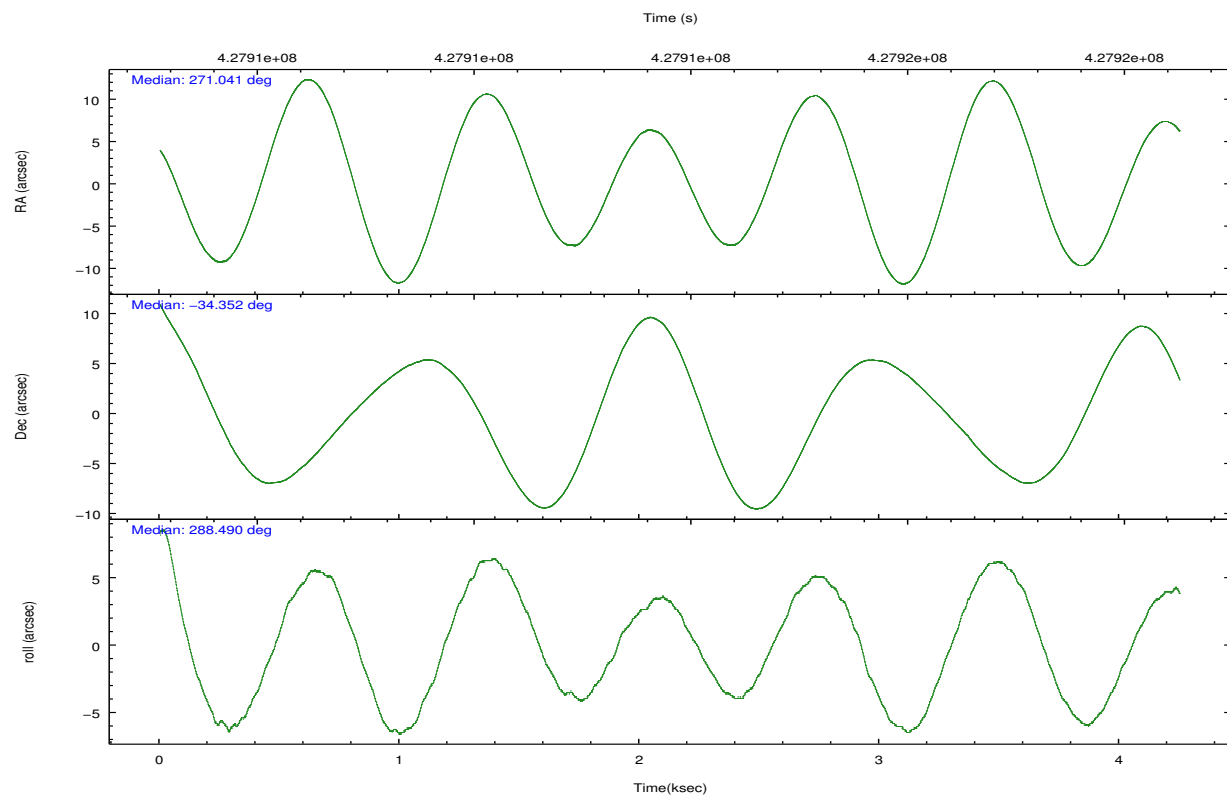
	ccd 7
grade 0 events	306
	6%
grade 1 events	5
	0%
grade 2 events	485
	10%
grade 3 events	359
	7%
grade 4 events	280
	6%
grade 5 events	423
	9%
grade 6 events	969
	21%
grade 7 events	1667
	37%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	271.016498	271.0415960443581	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-34.334706	-34.35243970806987	Subarray start row	449	449
[deg] Pointing Roll	288.317871	288.4886620126236	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)	427912020.184000	427911309.29305			
Observation start date	2011-07-24T16:25:54	2011-07-24T16:15:09			
[s] Observation end time (MET)	427916032.184000	427916258.50581			
Observation end date	2011-07-24T17:32:46	2011-07-24T17:37:38			
Read mode	TIMED	TIMED			

2.3 Aspect



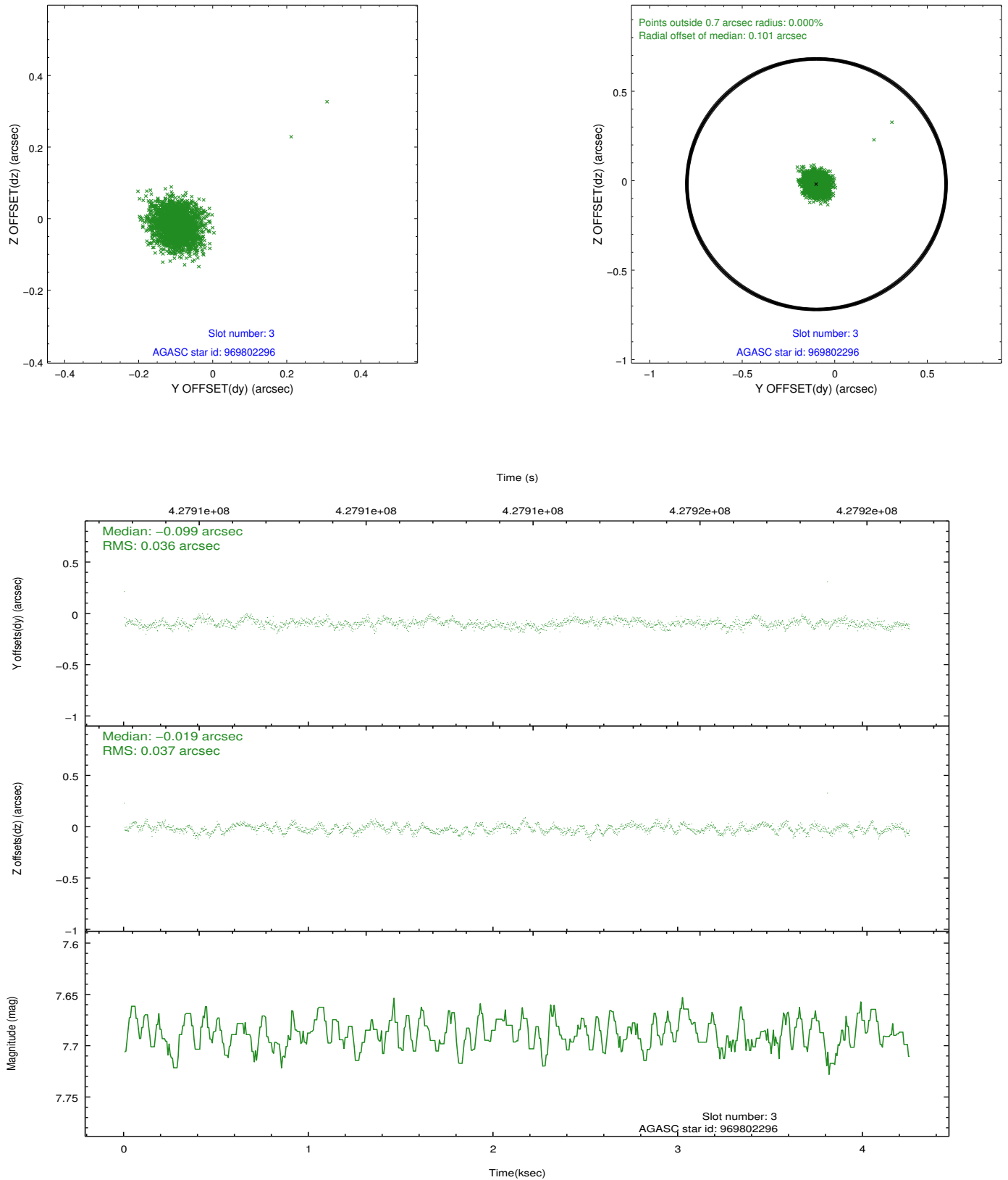


Slot Statistics

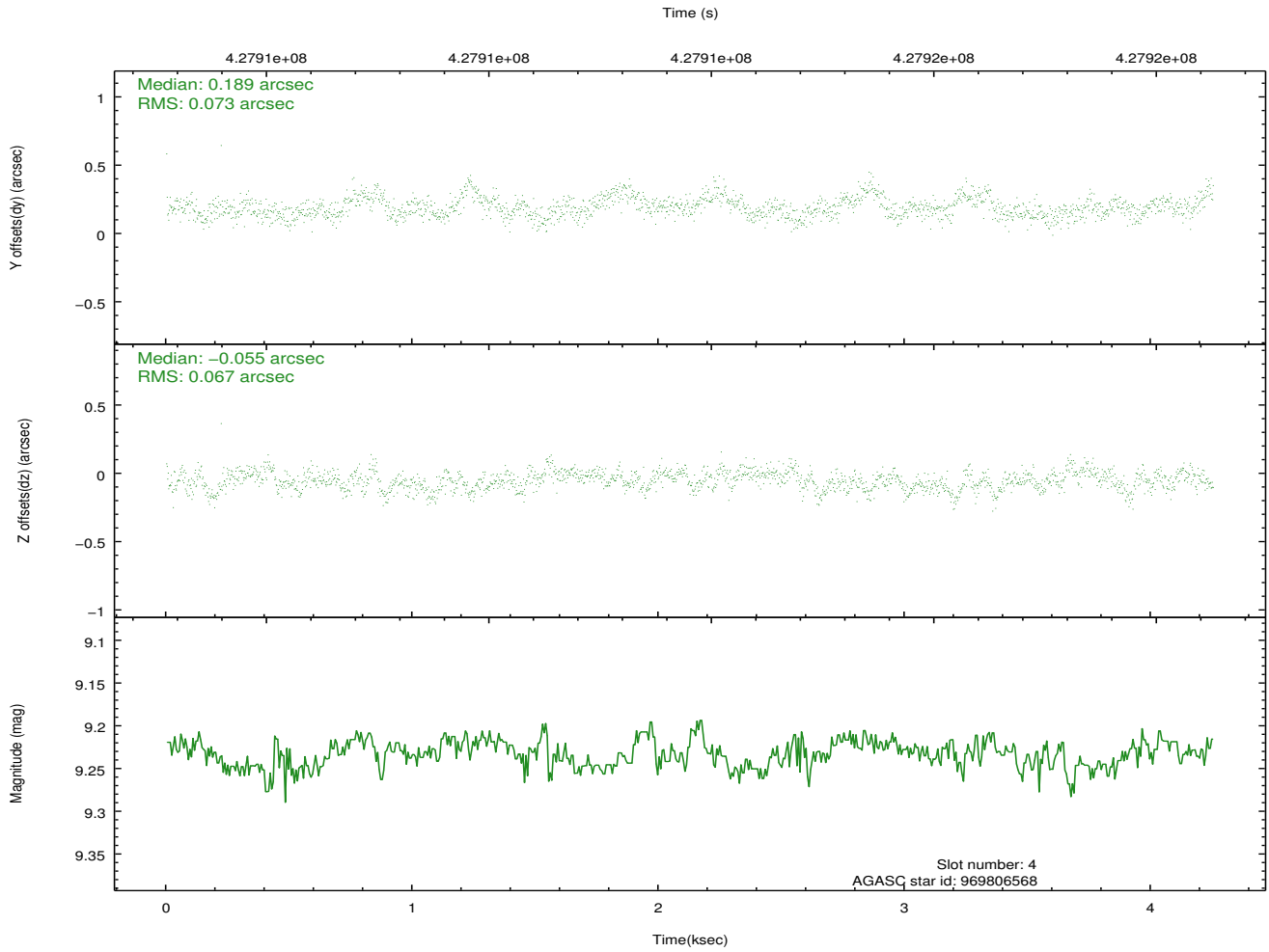
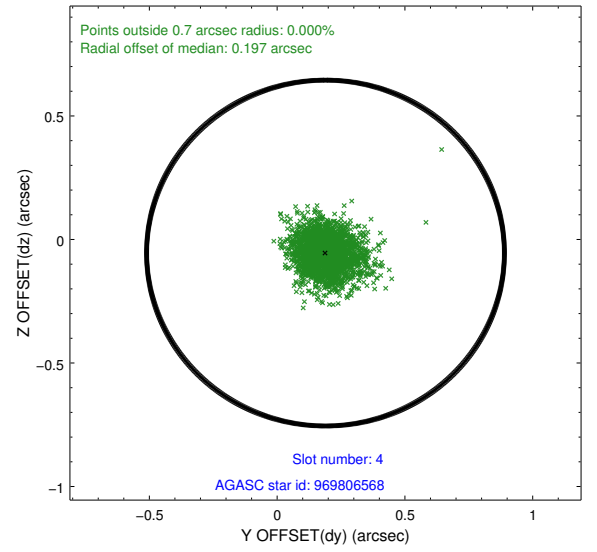
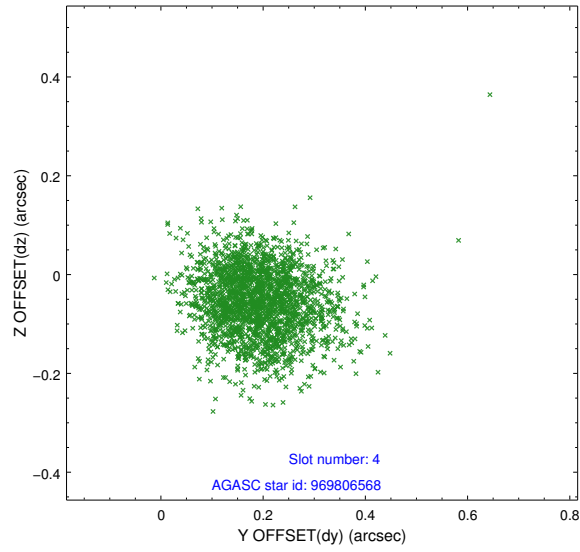
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.10	1037	0.103	-0.079	0.006	0.011	0.000000	0.000000	931.55	-1729.49
1	FID	ACIS-S-2	7.01	1037	-0.099	-0.001	0.006	0.012	0.000000	0.000000	-763.74	-1735.44
2	FID	ACIS-S-6	7.24	1037	-0.024	0.085	0.006	0.012	0.000000	0.000000	396.46	810.51
3	GUIDE	969802296	7.69	2075	-0.099	-0.019	0.054	0.084	270.136384	-33.915552	-2247.52	-2025.40
4	GUIDE	969806568	9.23	2075	0.189	-0.055	0.103	0.169	271.343335	-34.704098	1567.83	498.85
5	GUIDE	969808432	7.90	2075	-0.050	-0.040	0.069	0.111	270.678847	-33.889180	-1836.69	-454.07
6	GUIDE	969804960	8.32	2075	-0.053	-0.028	0.070	0.110	270.573437	-33.767997	-2350.66	-618.84
7	GUIDE	969805616	7.43	2074	0.002	0.145	0.053	0.083	271.051245	-34.821011	1693.92	-452.89

2.4 Star Slots

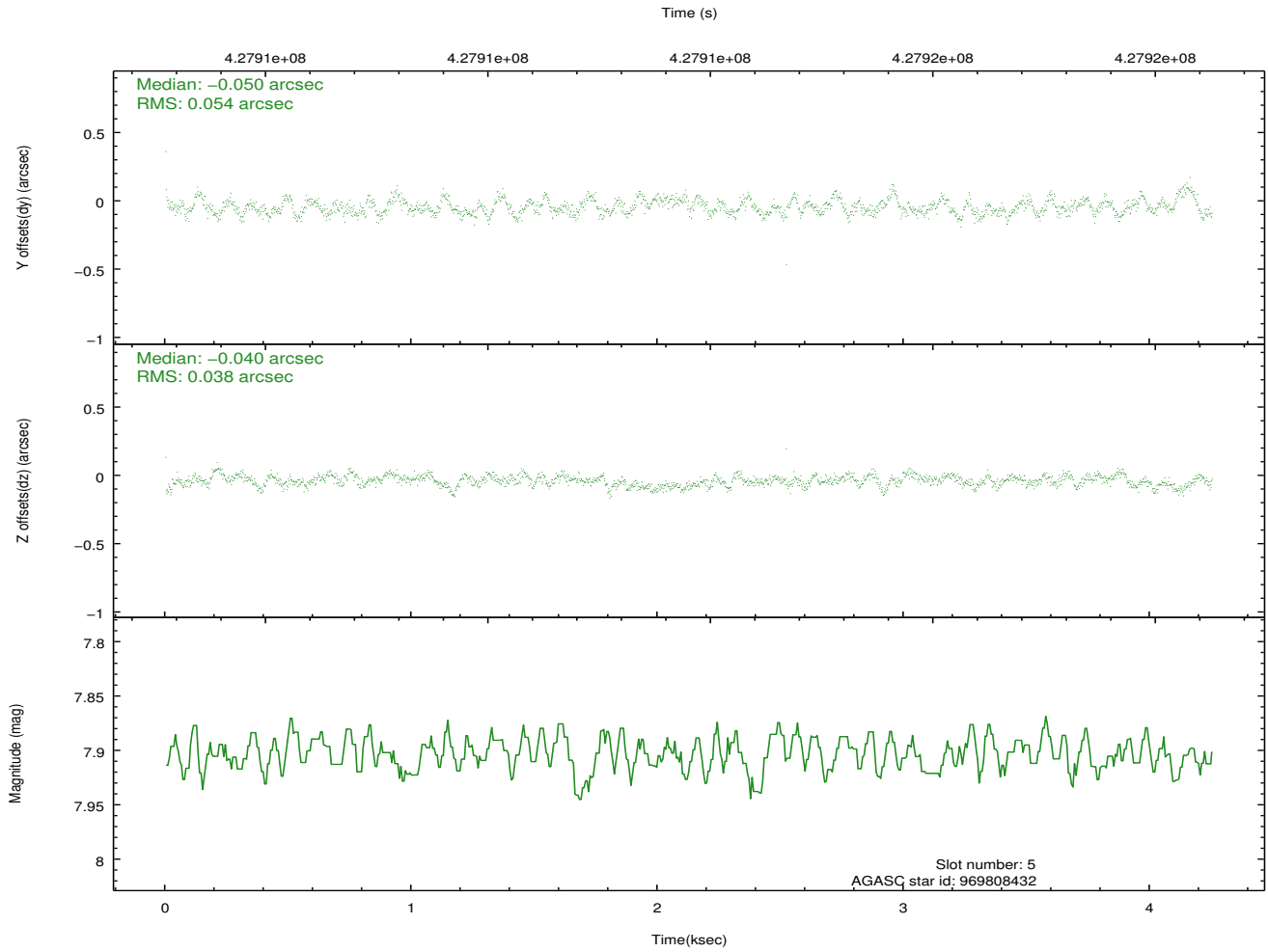
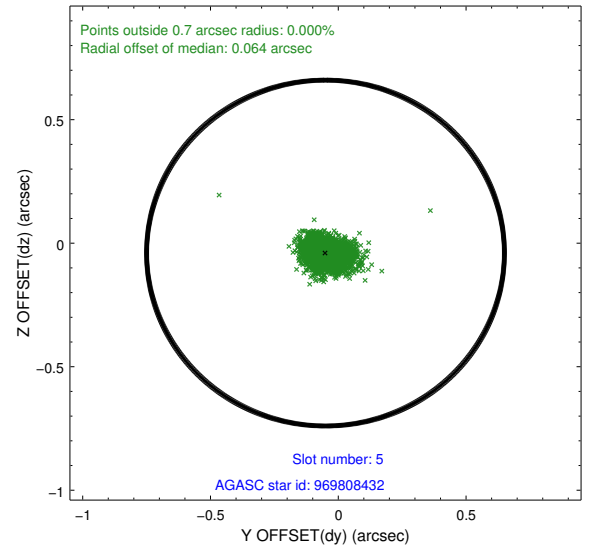
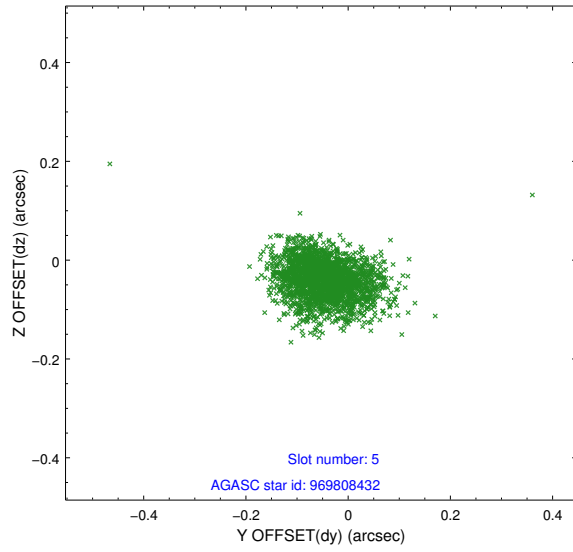
2.4.1 Slot 3



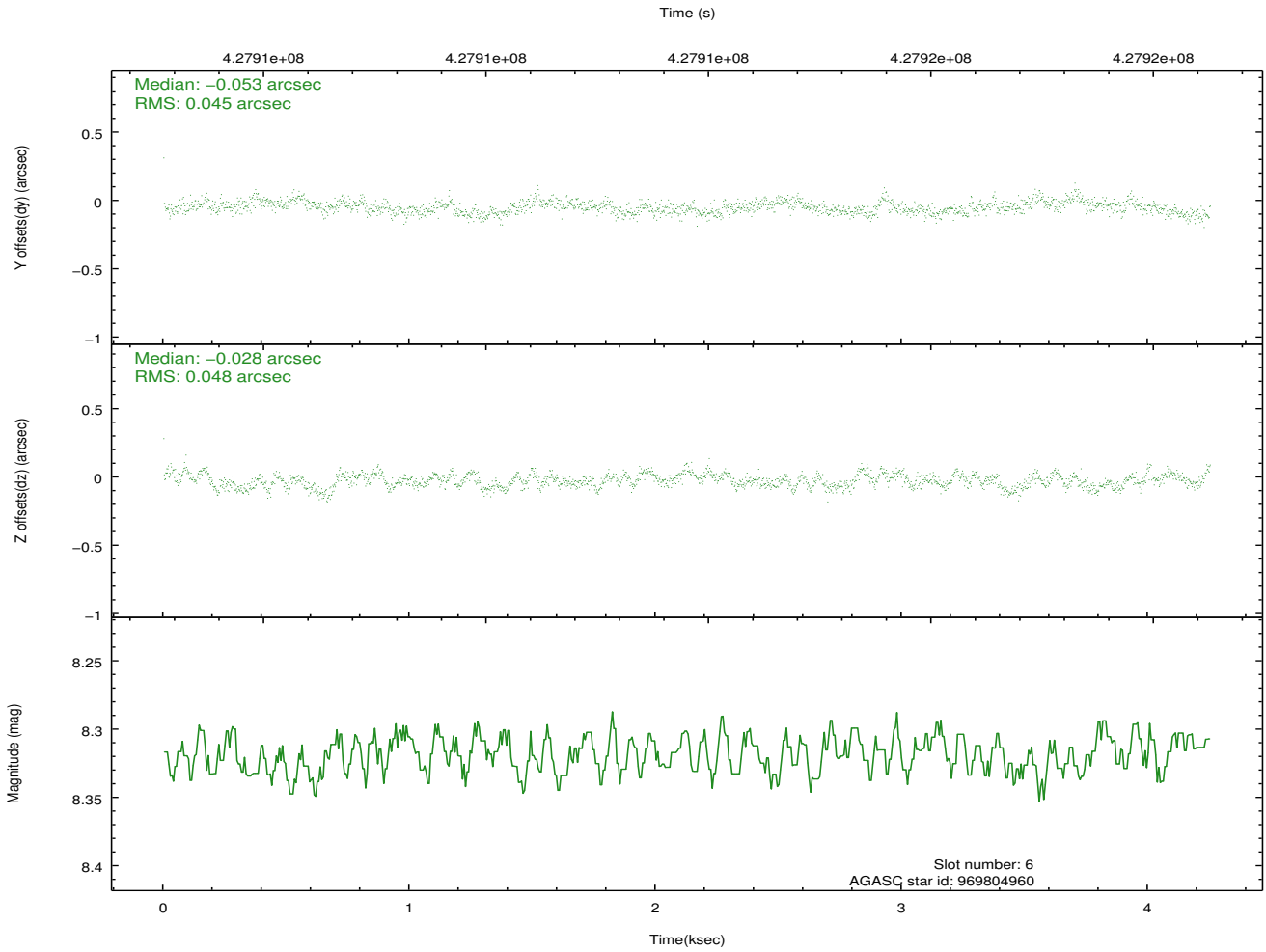
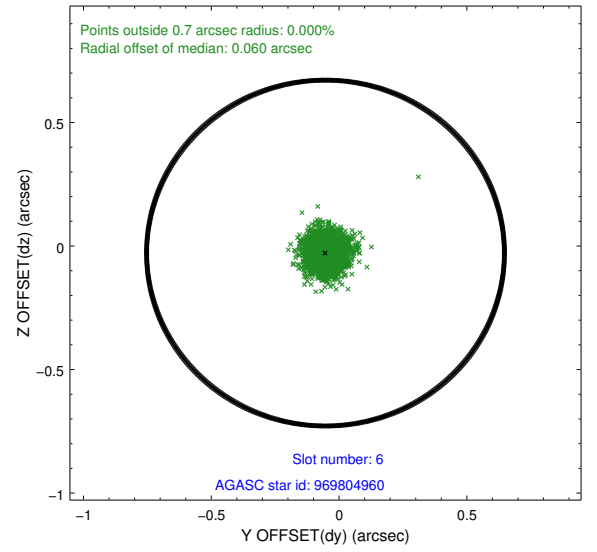
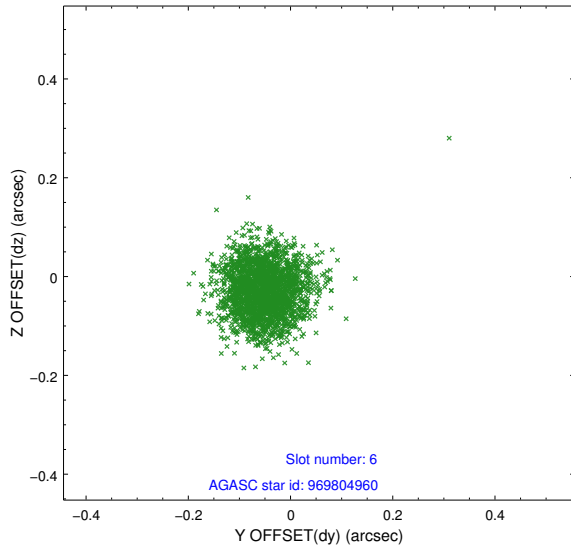
2.4.2 Slot 4



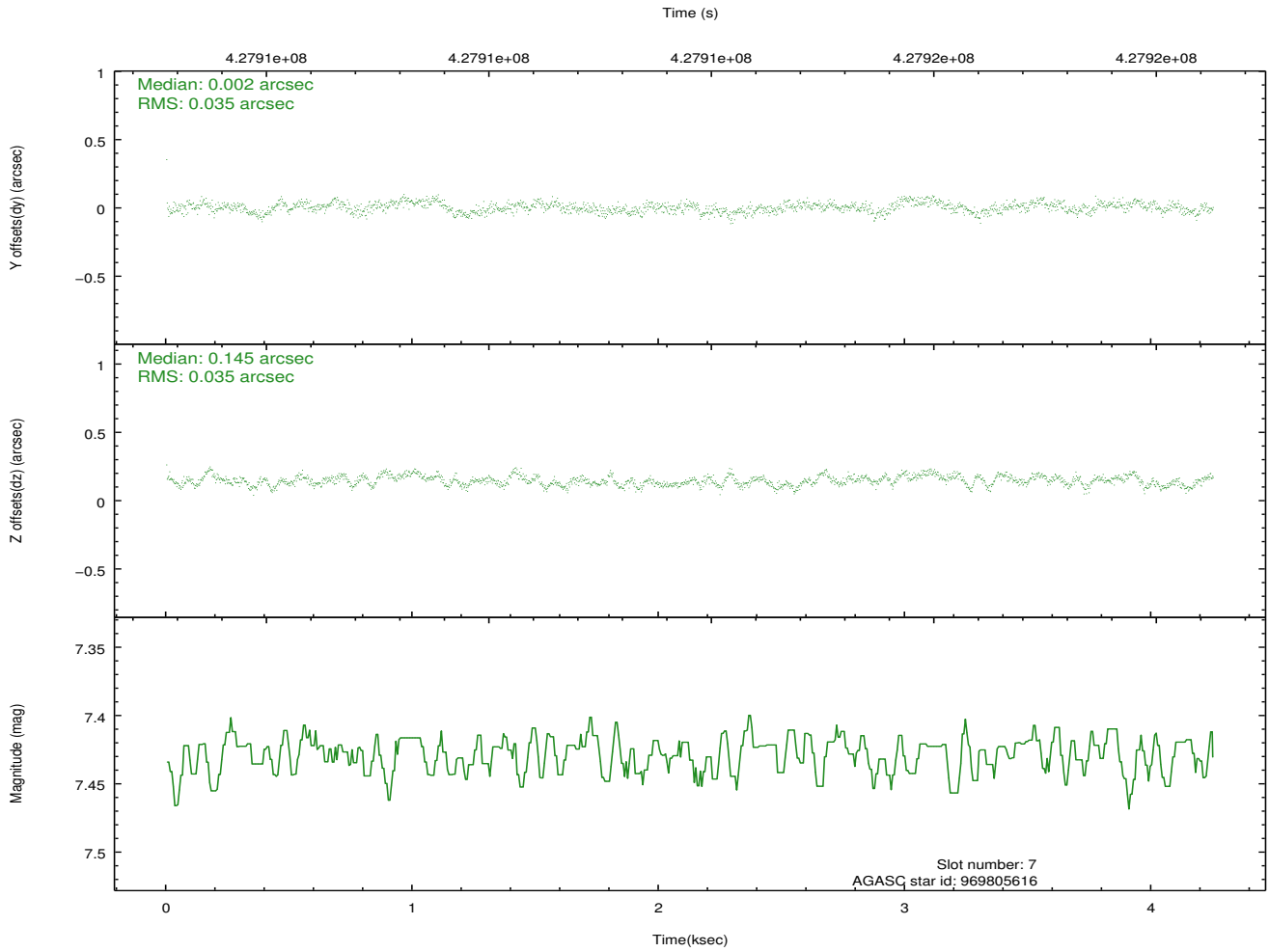
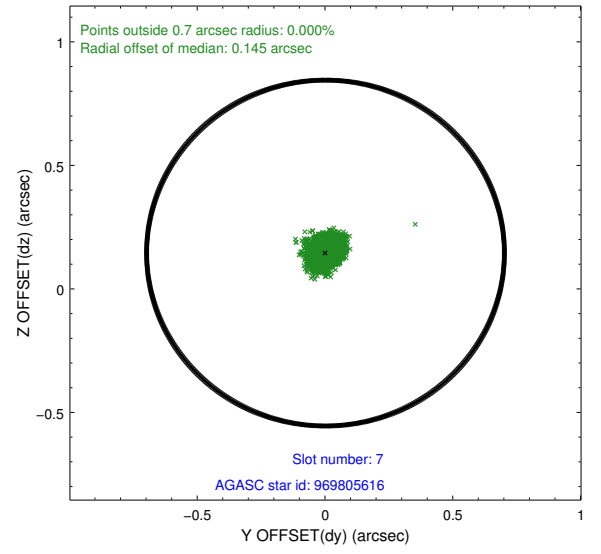
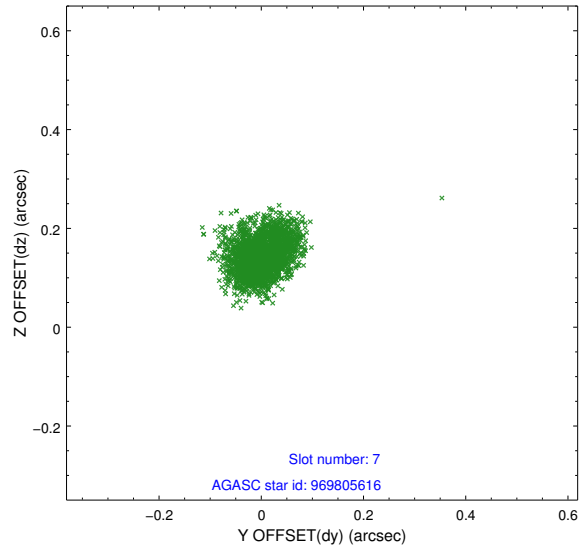
2.4.3 Slot 5



2.4.4 Slot 6

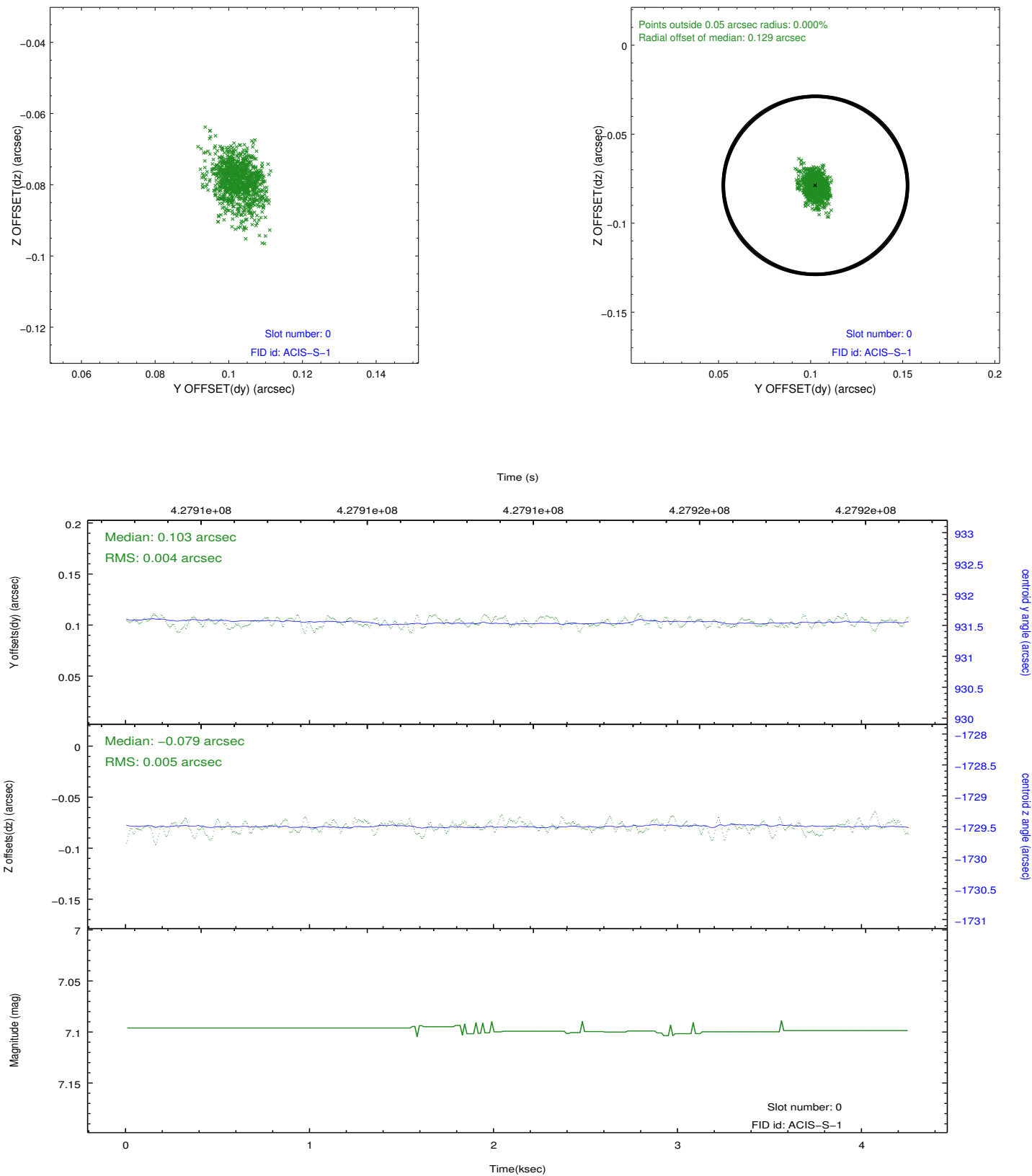


2.4.5 Slot 7

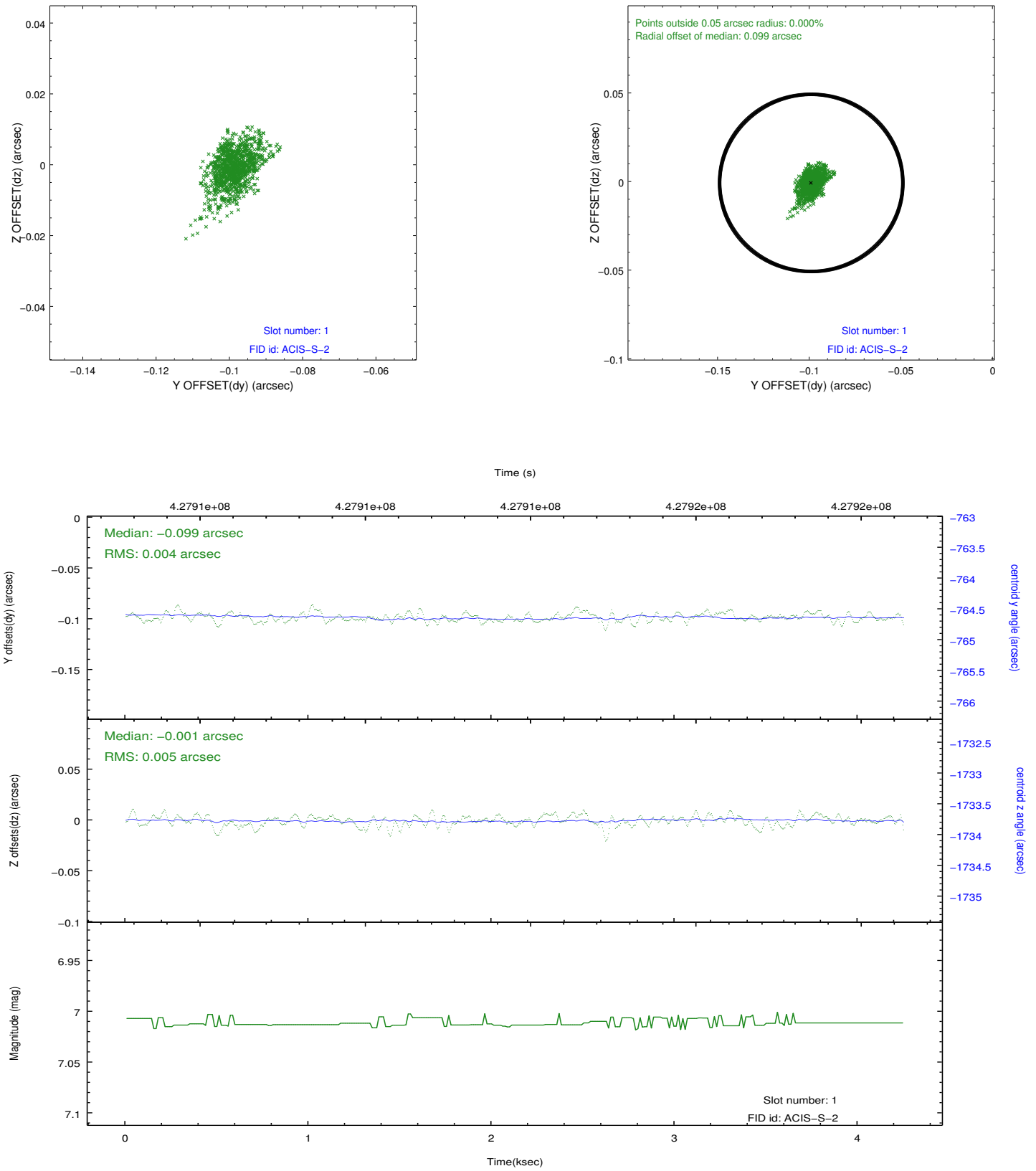


2.5 FID Slots

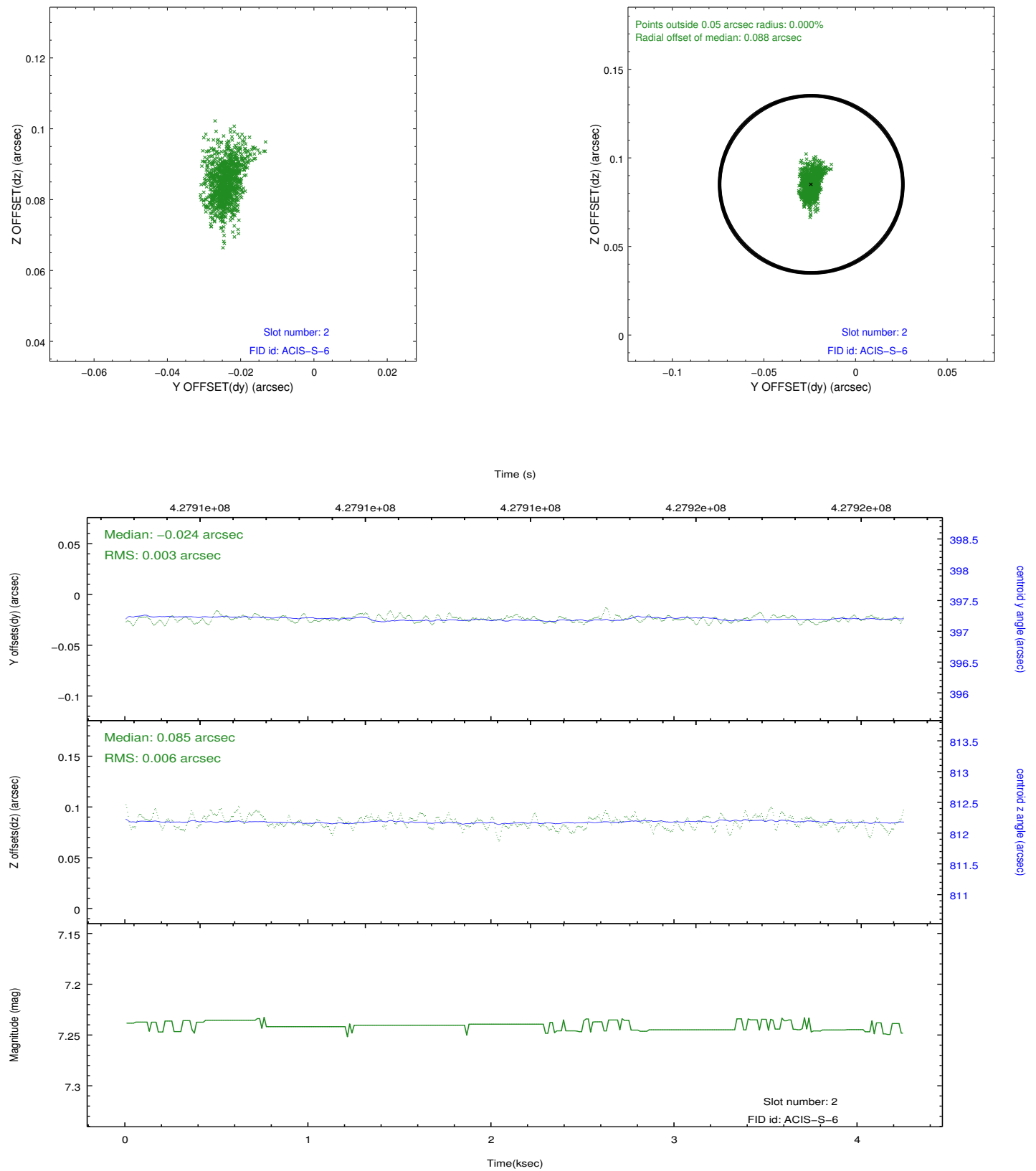
2.5.1 Slot 0



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)	2012.02.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.021599760294

A.2 Comments