

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11462 - L2 Version 2
Chandra X-Ray Center

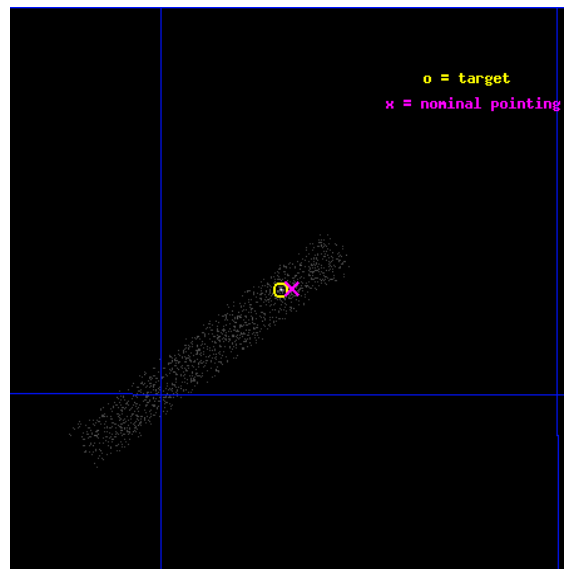
L2 Processing Date : Jun 21 2012

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1 Front

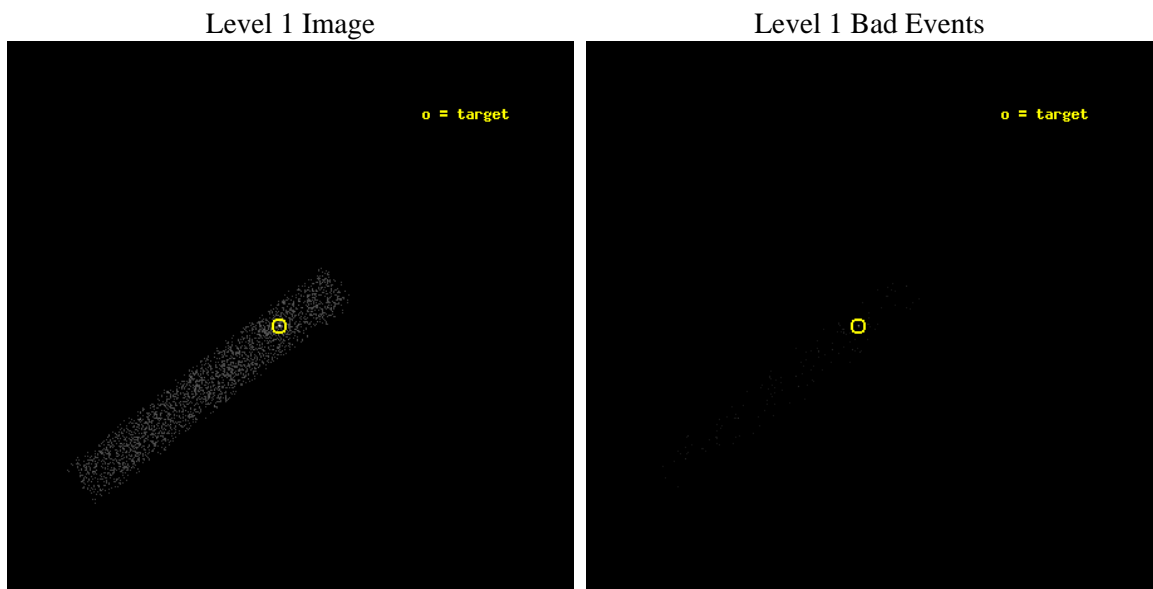
seq_num	702048	Sequence number
obs_id	11462	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J115341.77+461242.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	178.424167	Observer's specified target RA [deg]
dec_targ	46.211722	Observer's specified target Dec [deg]
ra_nom	178.41734510404	Nominal RA [deg]
dec_nom	46.212094453703	Nominal Dec [deg]
roll_nom	142.23808916701	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2189.9998694658	Sum of GTIs [s]
livetime	1986.2142839342	Livetime [s]
ontime7	2189.9998694658	Sum of GTIs [s]
l2events	2283	Number of level 2 events



2 OBI

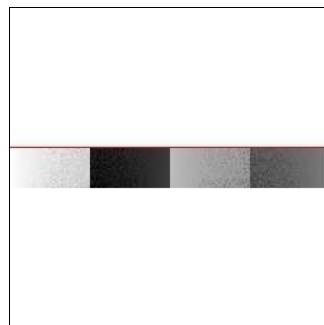
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2189.9998694658	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2189.9998694658	Sum of GTIs [s]
date	2012-06-21T15:53:16	Date and time of file creation	l1events	5003	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

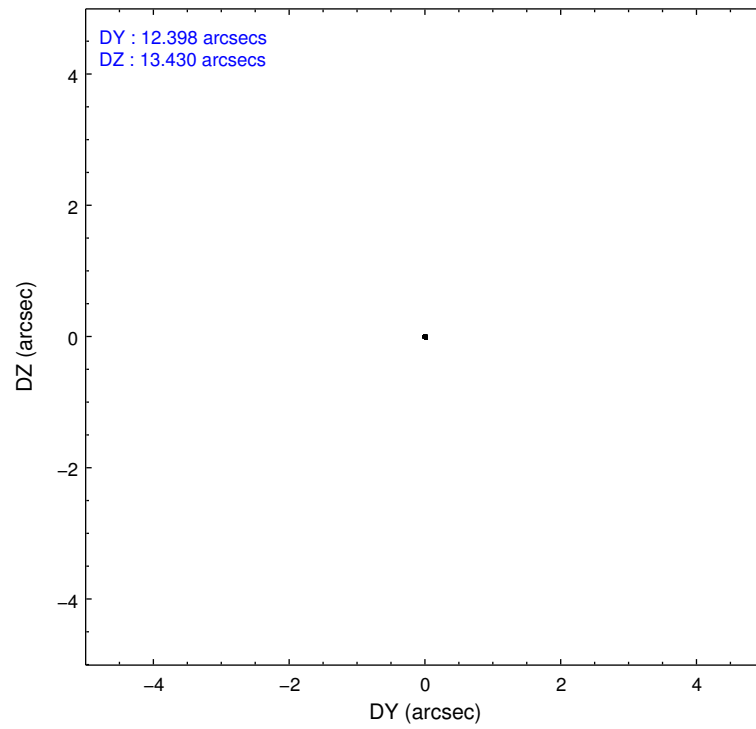
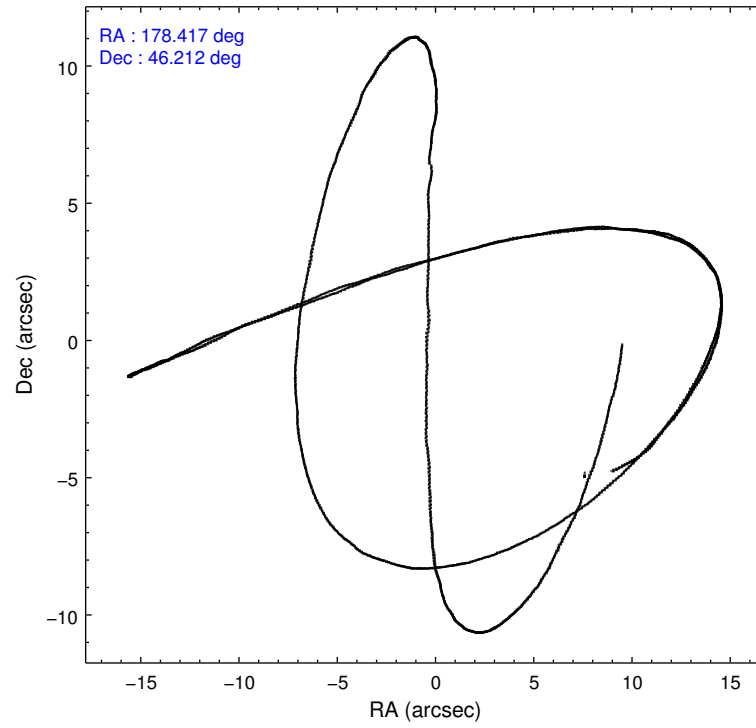
	ccd 7
level 1 events	5003
rejected events	2658
rejected %	53%

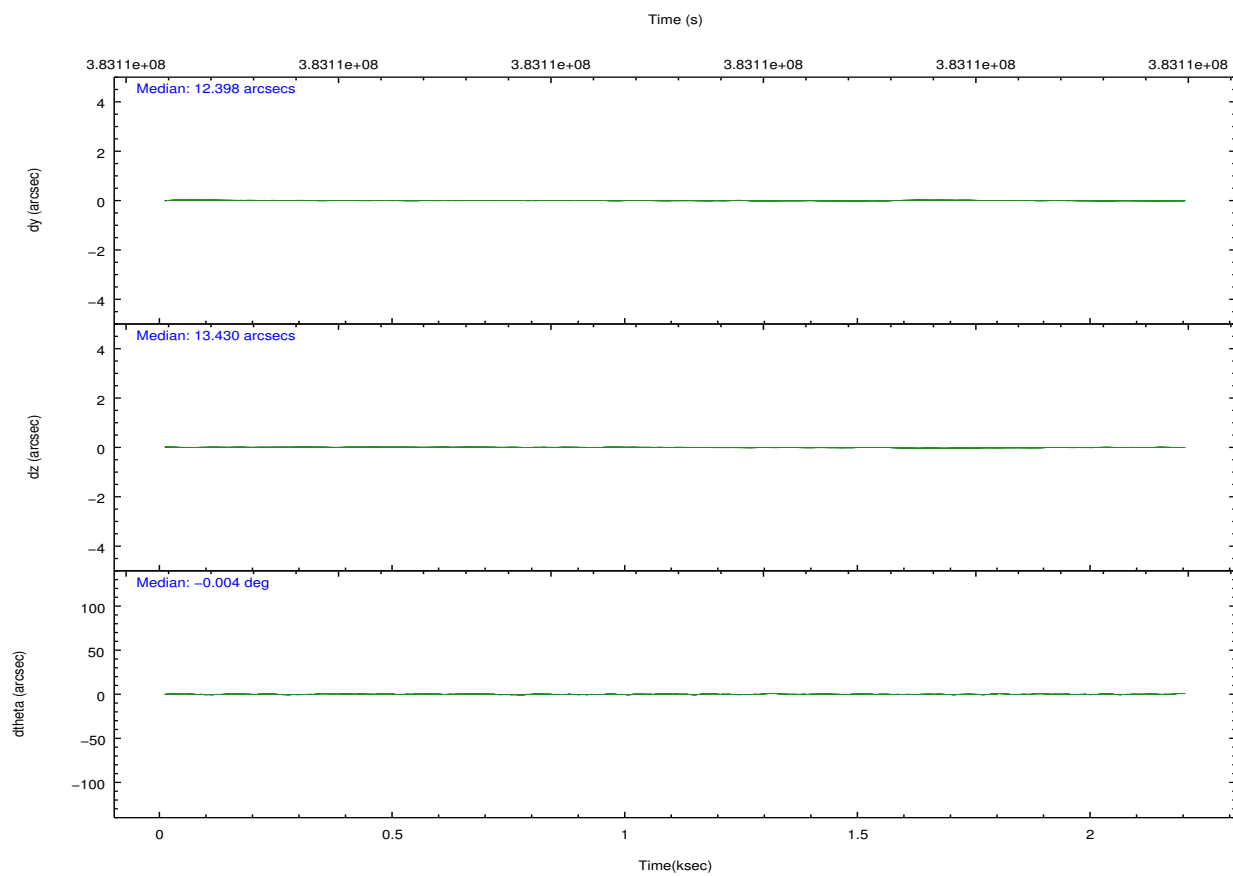
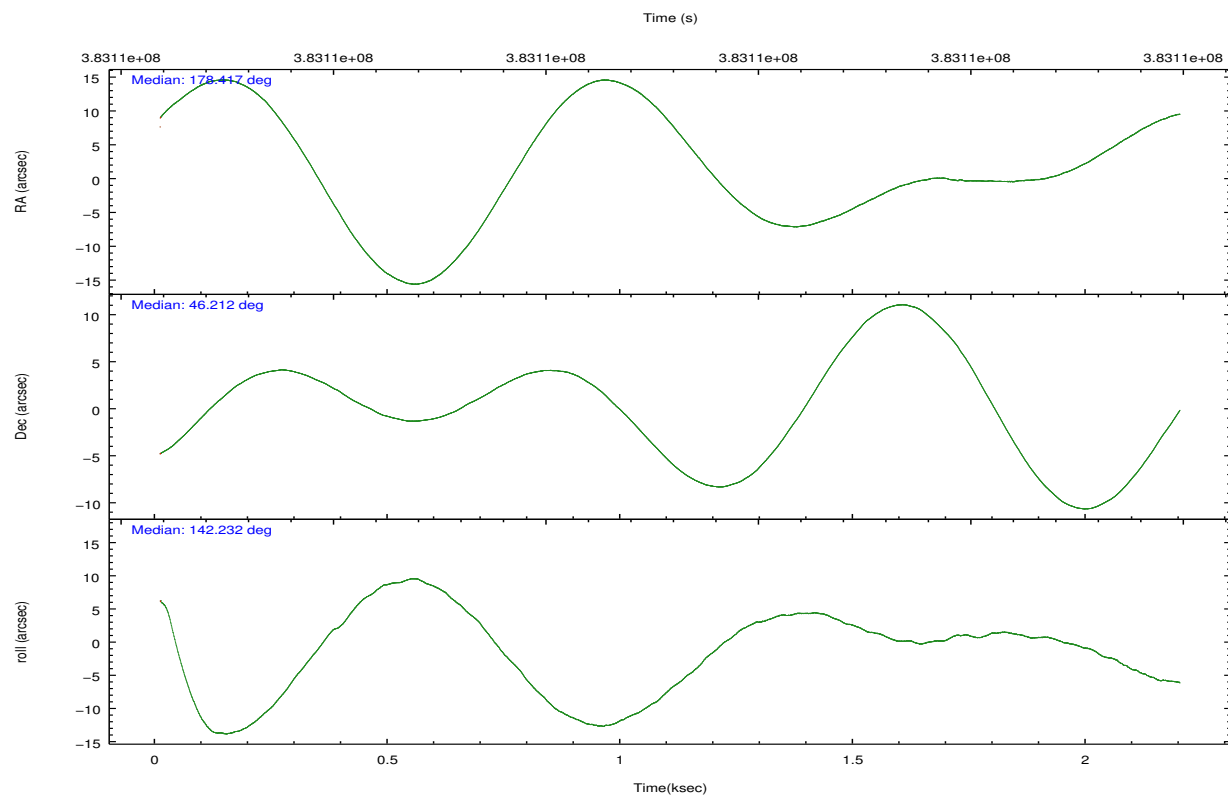
	ccd 7
grade 0 events	535
	10%
grade 1 events	7
	0%
grade 2 events	604
	12%
grade 3 events	429
	8%
grade 4 events	364
	7%
grade 5 events	433
	8%
grade 6 events	1049
	20%
grade 7 events	1582
	31%

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	178.456411	178.4173451040417	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	46.208908	46.21209445370321	Subarray start row	449	449
[deg] Pointing Roll	142.053173	142.2380891670089	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)	383106891.184000	383105830.86023			
Observation start date	2010-02-21T02:33:45	2010-02-21T02:17:10			
[s] Observation end time (MET)	383108891.184000	383109553.66041			
Observation end date	2010-02-21T03:07:05	2010-02-21T03:19:13			
Read mode	TIMED	TIMED			

2.3 Aspect



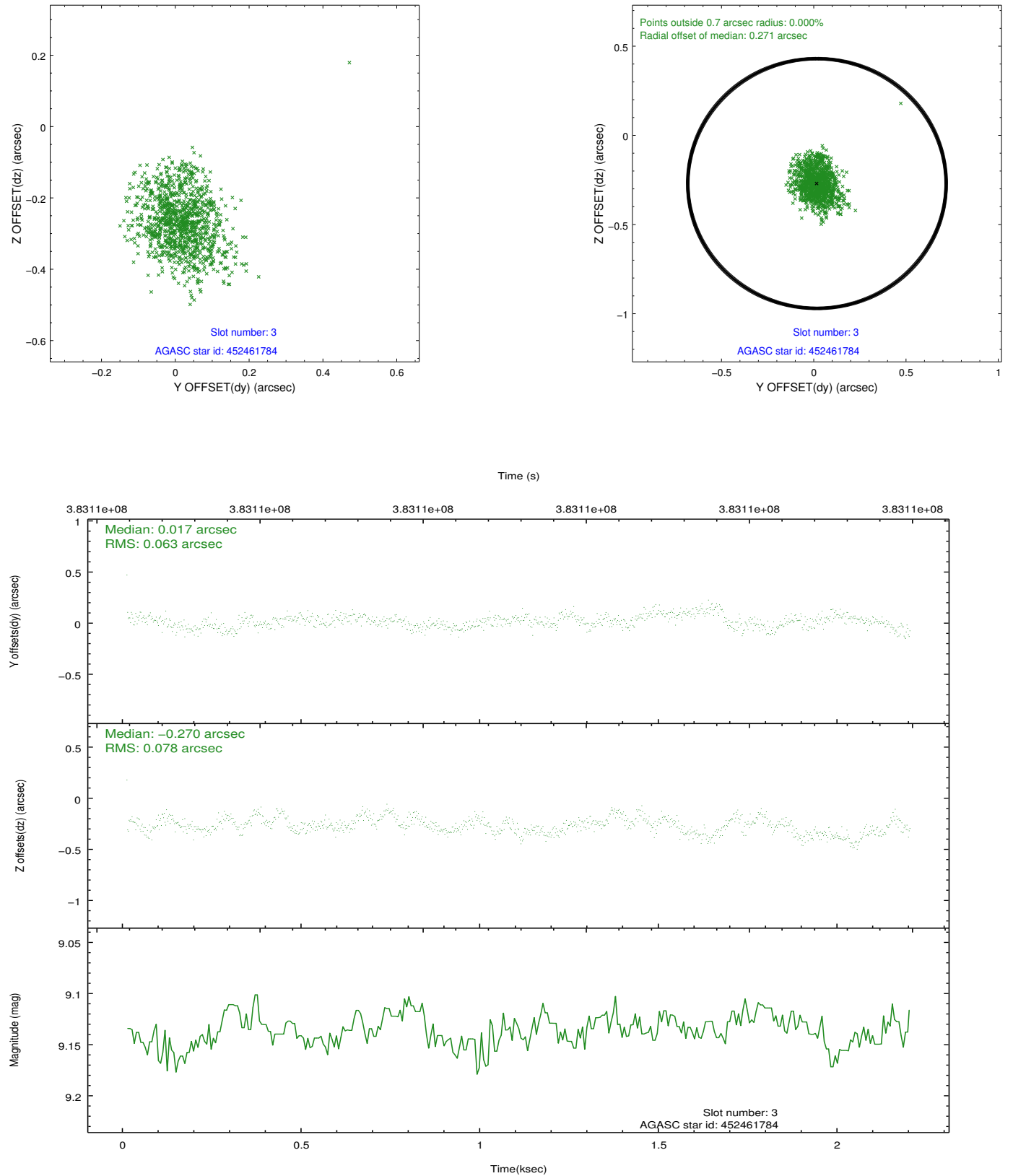


Slot Statistics

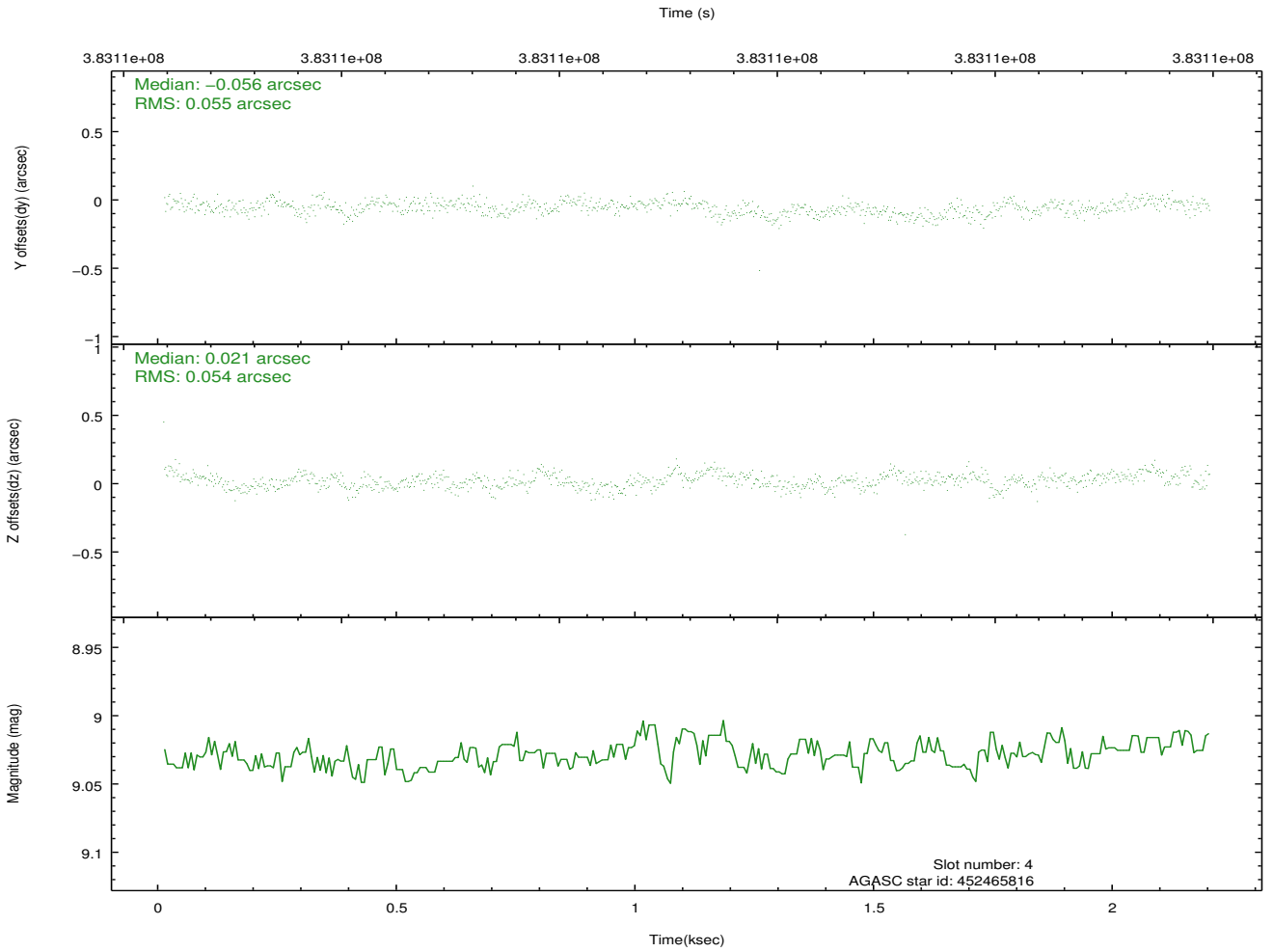
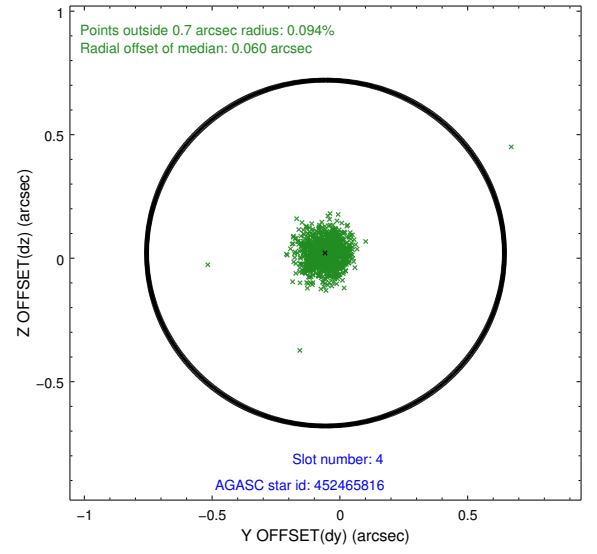
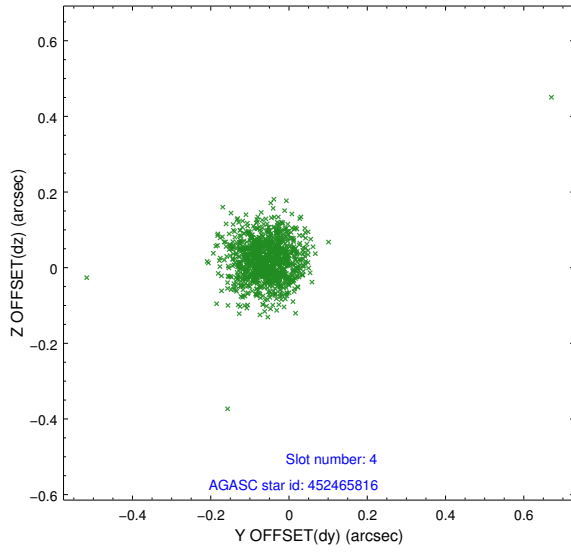
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.97	535	-0.032	-0.072	0.007	0.010	0.000000	0.000000	-765.33	-1734.84
1	FID	ACIS-S-4	7.05	535	0.172	0.035	0.006	0.011	0.000000	0.000000	2146.79	170.67
2	FID	ACIS-S-5	7.09	534	-0.171	0.046	0.006	0.011	0.000000	0.000000	-1814.49	167.74
3	GUIDE	452461784	9.14	1070	0.017	-0.270	0.105	0.170	178.020660	45.647009	-376.80	2266.90
4	GUIDE	452465816	9.03	1068	-0.056	0.021	0.076	0.124	179.594982	46.240022	-2153.66	-1845.72
5	GUIDE	452467808	8.31	1070	0.006	0.011	0.079	0.128	179.309070	46.568645	-861.86	-2329.47
6	GUIDE	452468480	7.72	1070	-0.055	0.072	0.061	0.095	179.123811	46.697308	-213.57	-2407.09
7	GUIDE	452464920	8.51	1068	0.087	0.170	0.073	0.115	177.144945	46.130195	2423.38	2212.35

2.4 Star Slots

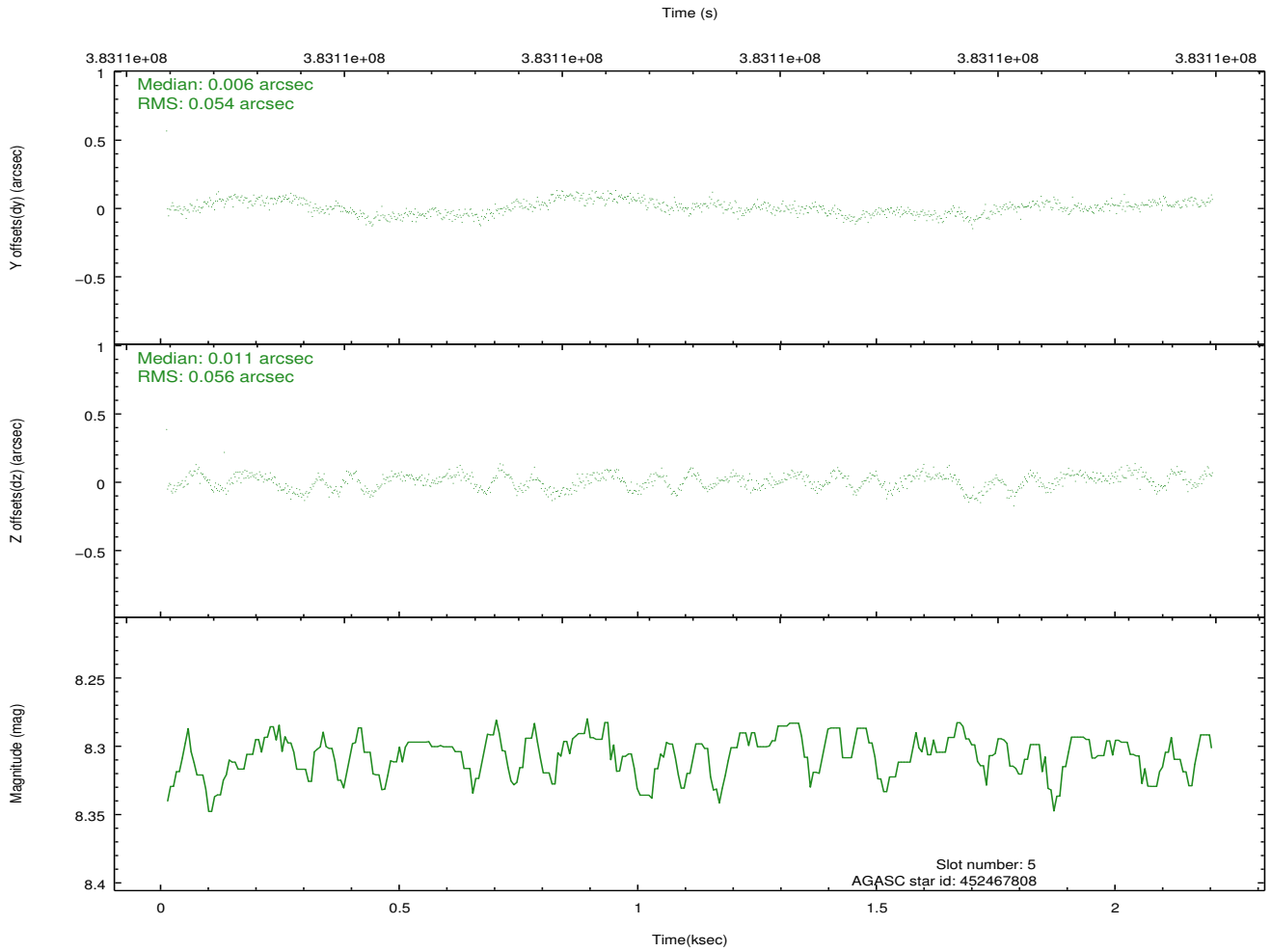
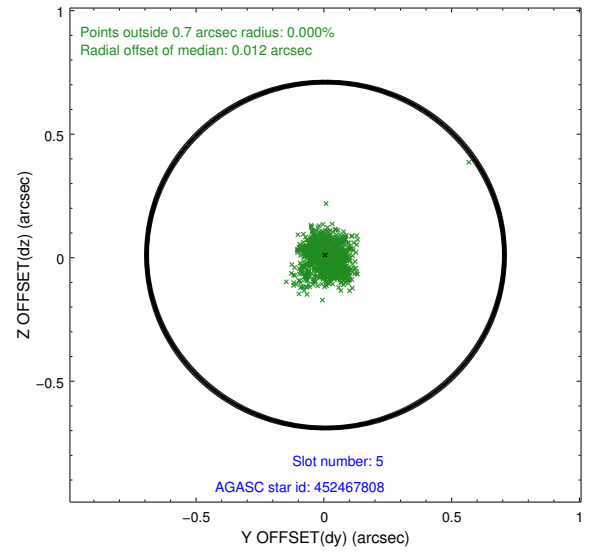
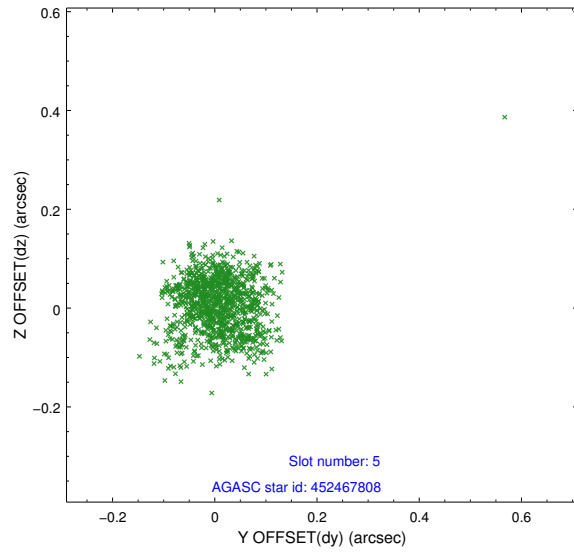
2.4.1 Slot 3



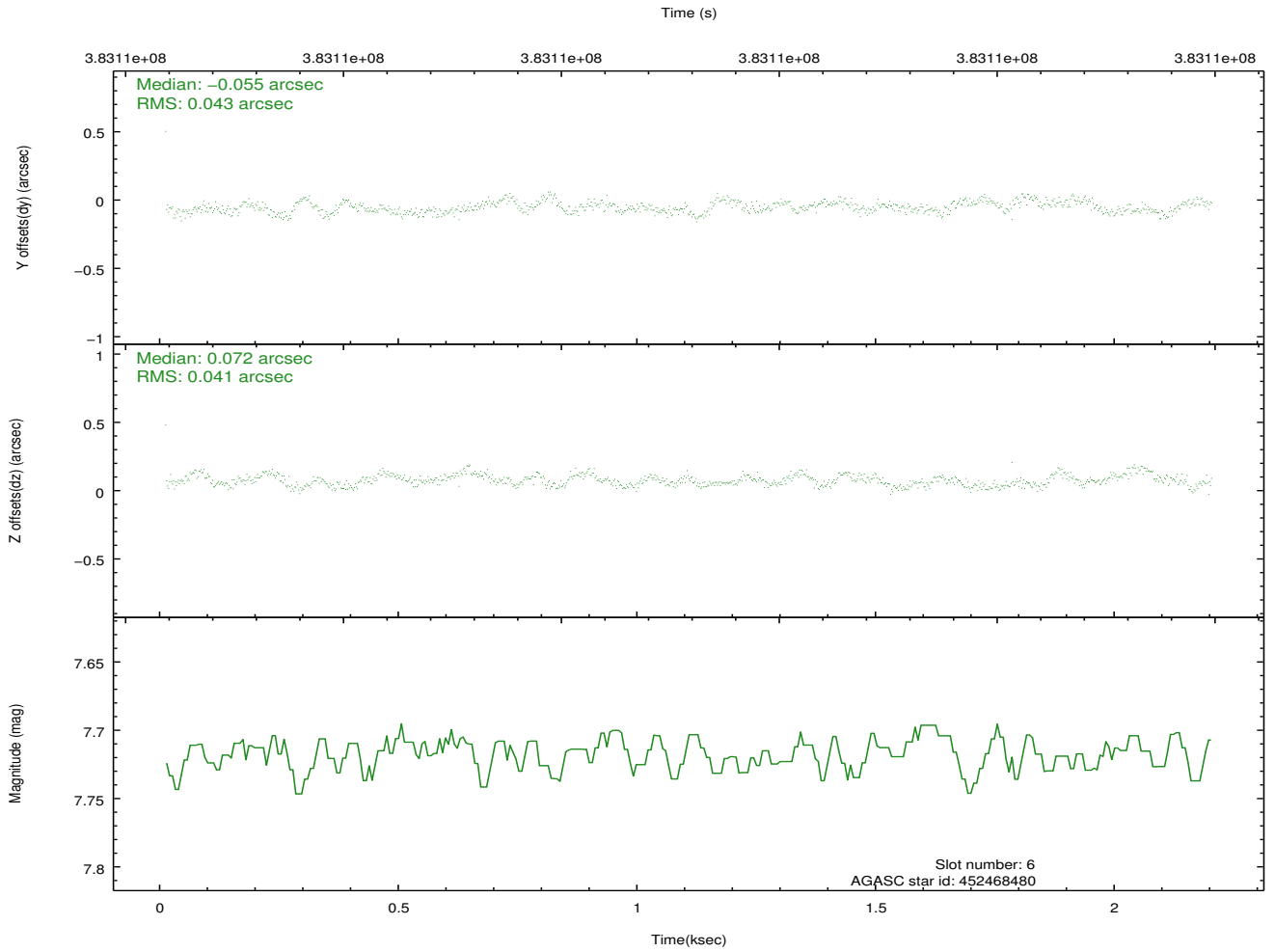
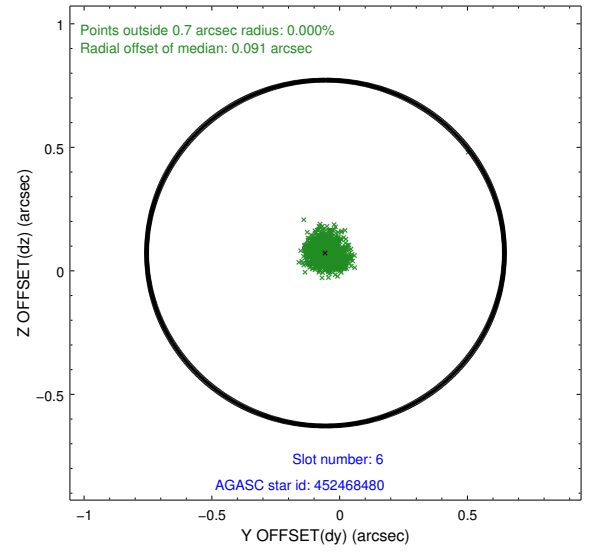
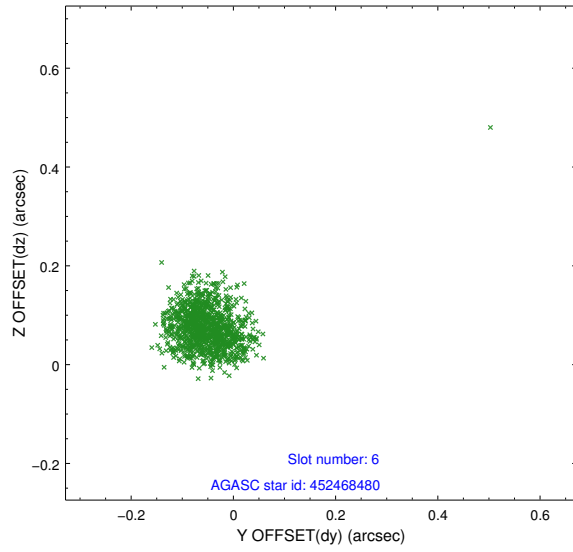
2.4.2 Slot 4



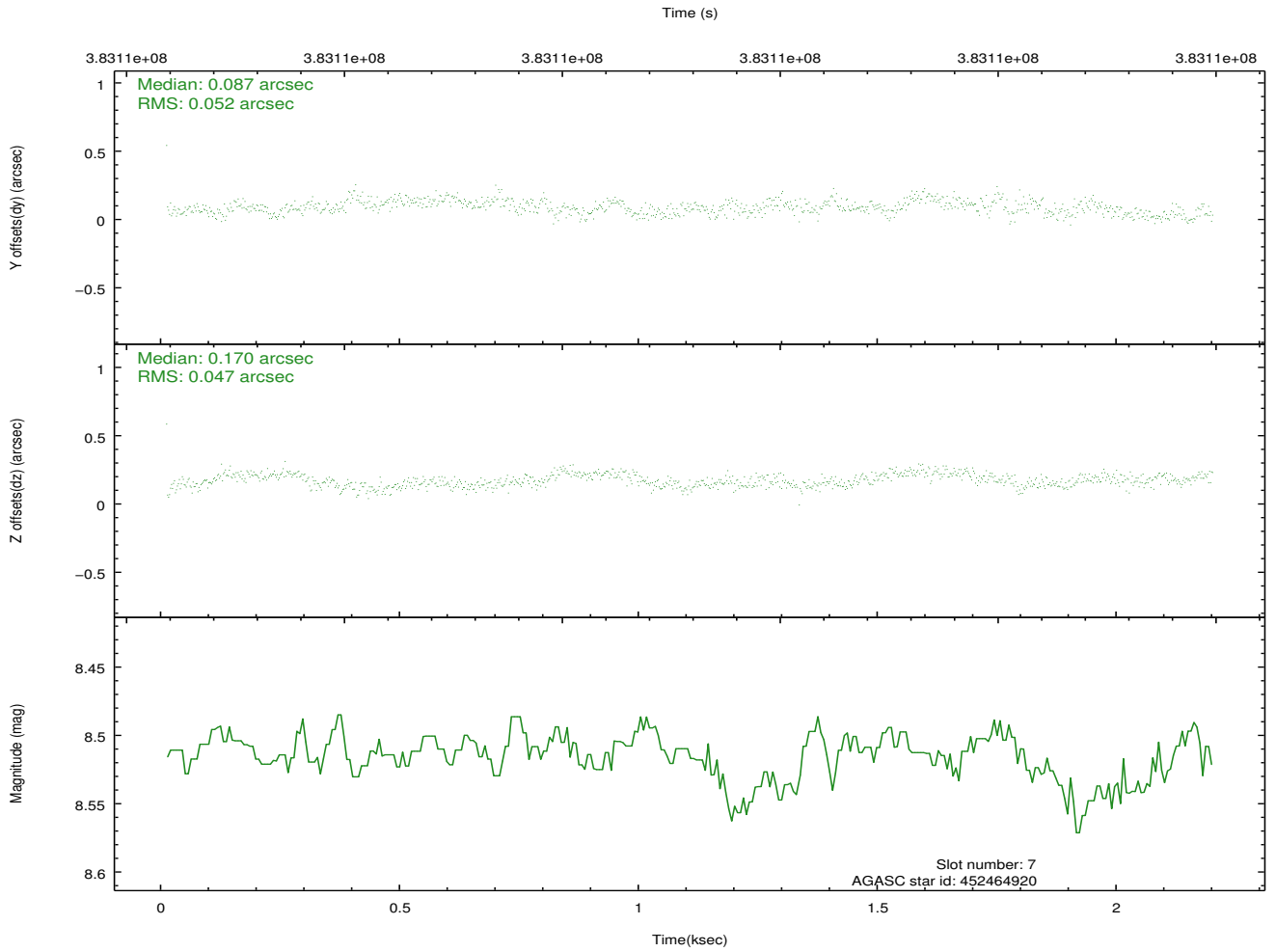
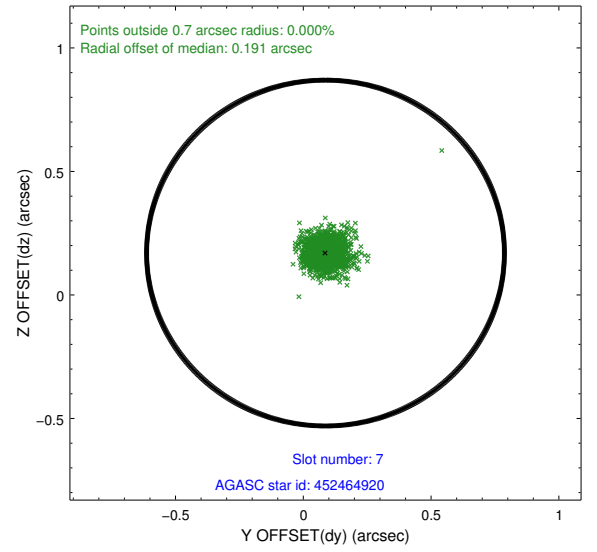
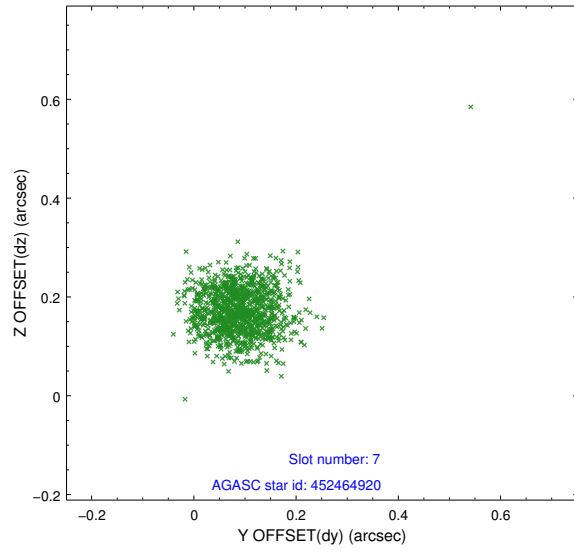
2.4.3 Slot 5



2.4.4 Slot 6

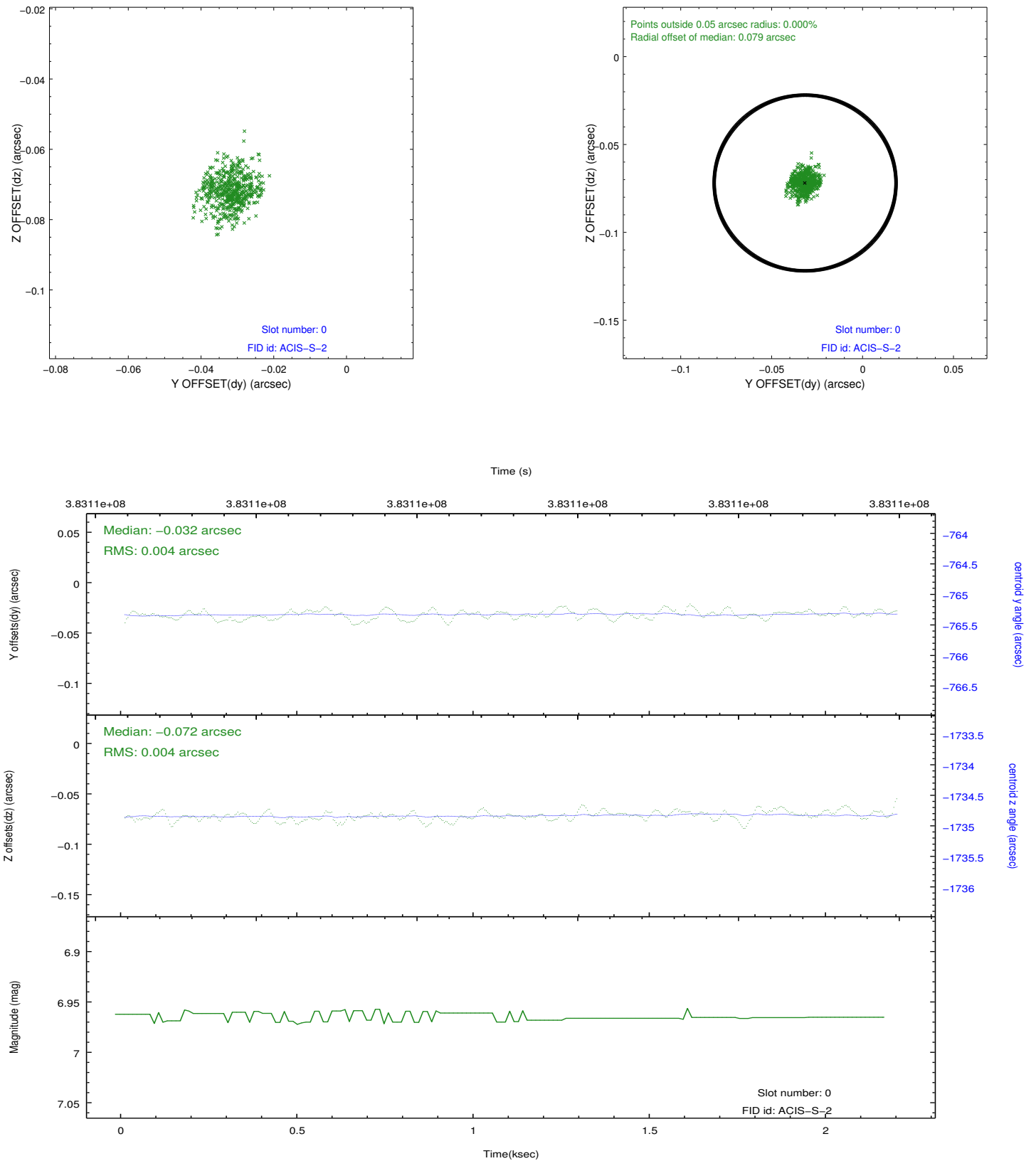


2.4.5 Slot 7

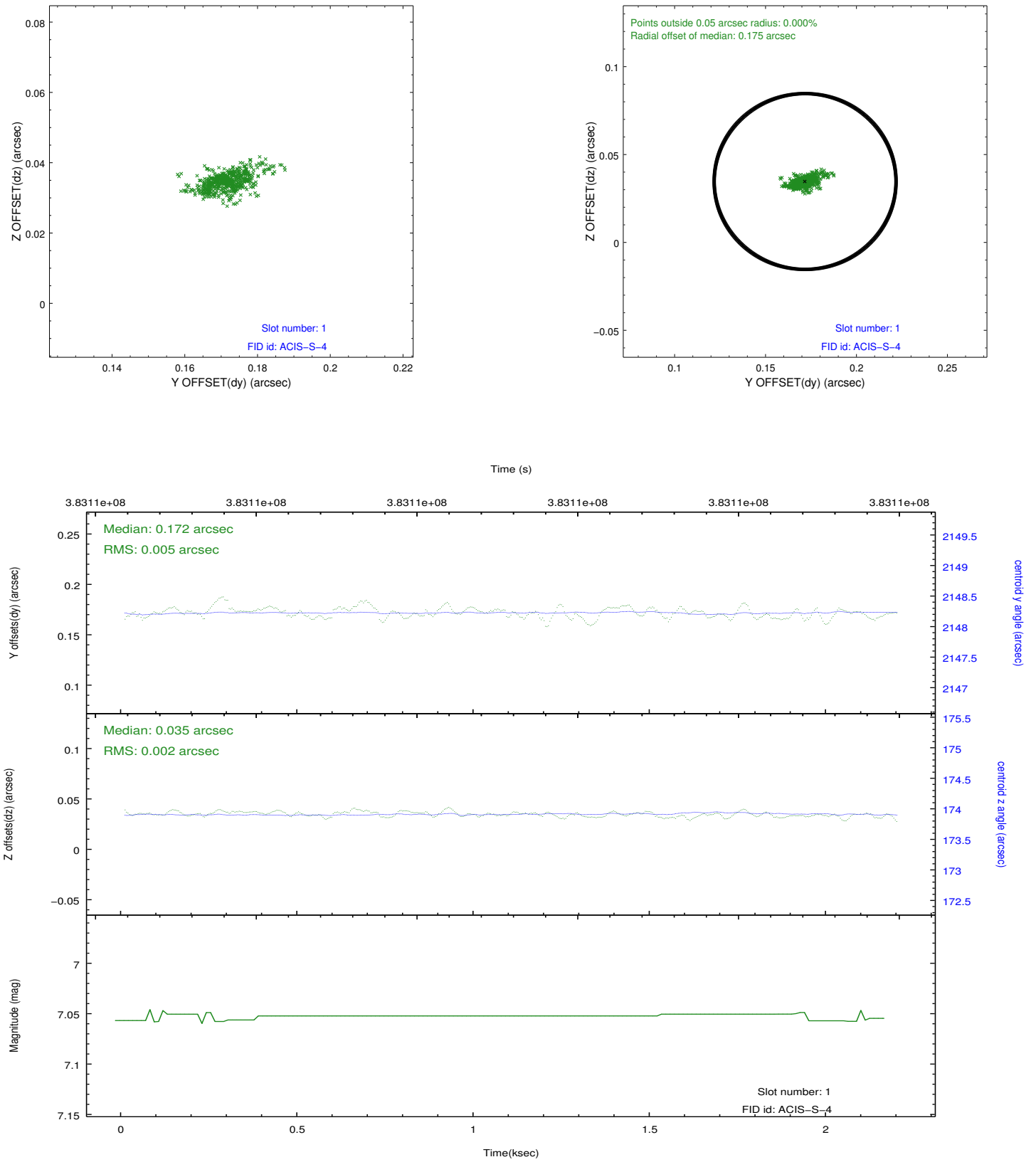


2.5 FID Slots

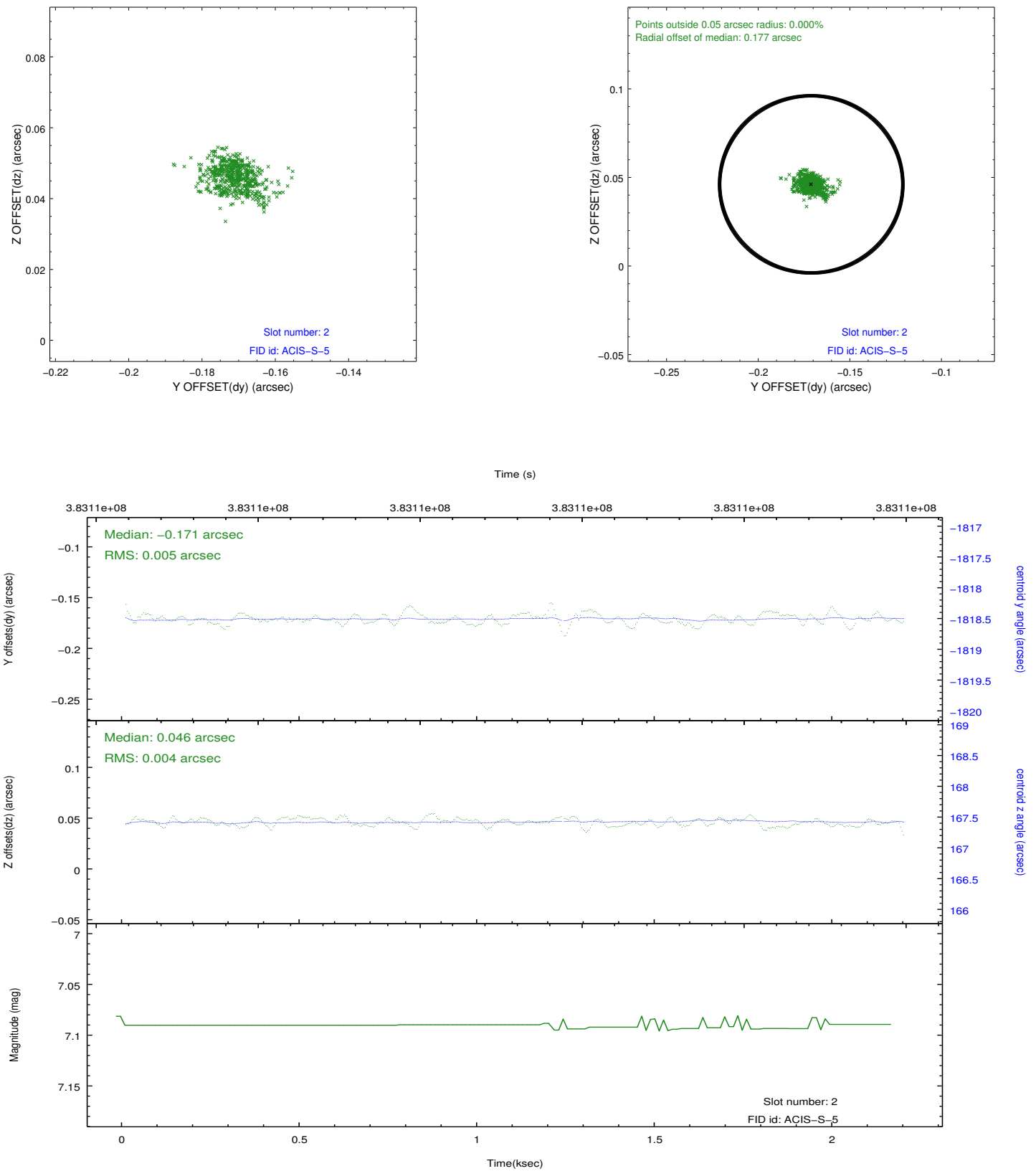
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1899998694658

A.2 Comments