

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3122 - L2 Version 3
Chandra X-Ray Center

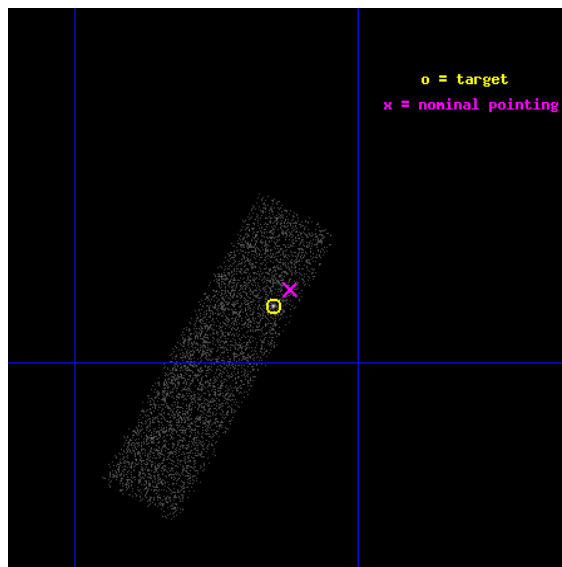
L2 Processing Date : Oct 5 2012

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1 Front

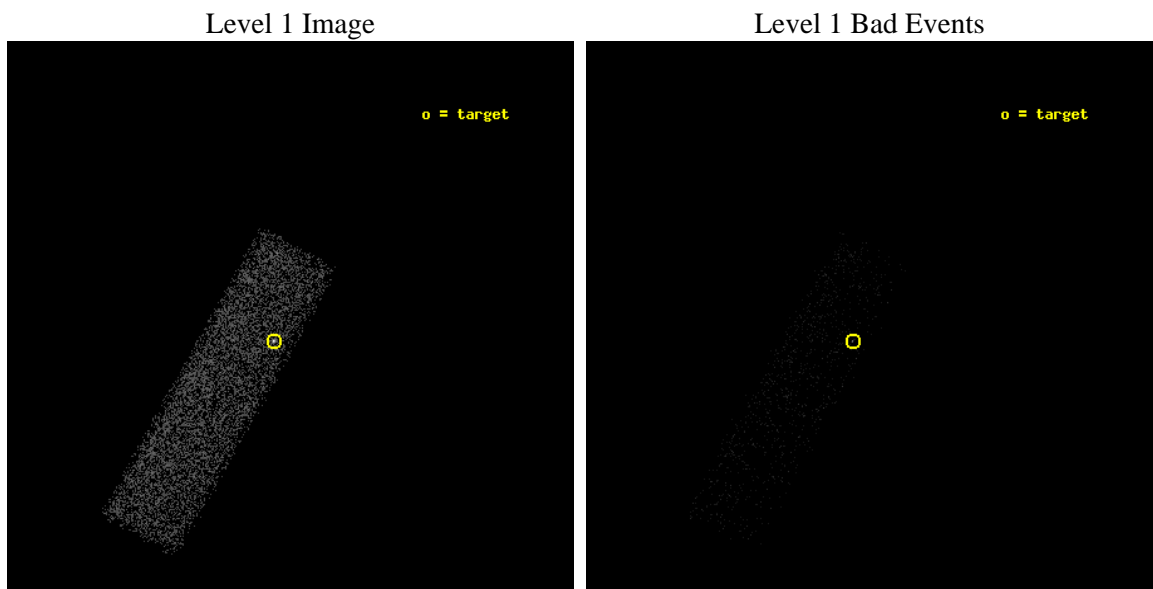
seq_num	700561	Sequence number
obs_id	3122	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	1655+077	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	254.5375	Observer's specified target RA [deg]
dec_targ	7.690972	Observer's specified target Dec [deg]
ra_nom	254.53030085422	Nominal RA [deg]
dec_nom	7.6979717903605	Nominal Dec [deg]
roll_nom	119.49459067945	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5072.8000755906	Sum of GTIs [s]
livetime	4825.2640308101	Livetime [s]
ontime7	5072.8000755906	Sum of GTIs [s]
l2events	5925	Number of level 2 events



2 OBI

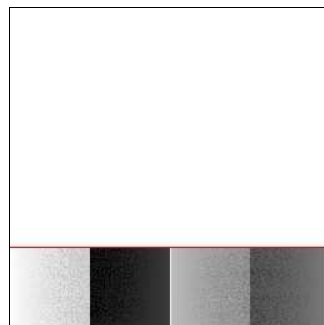
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4951.259000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5072.8000755906	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5072.8000755906	Sum of GTIs [s]
date	2012-10-05T17:10:20	Date and time of file creation	l1events	14010	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	14010
rejected events	7961
rejected %	56%

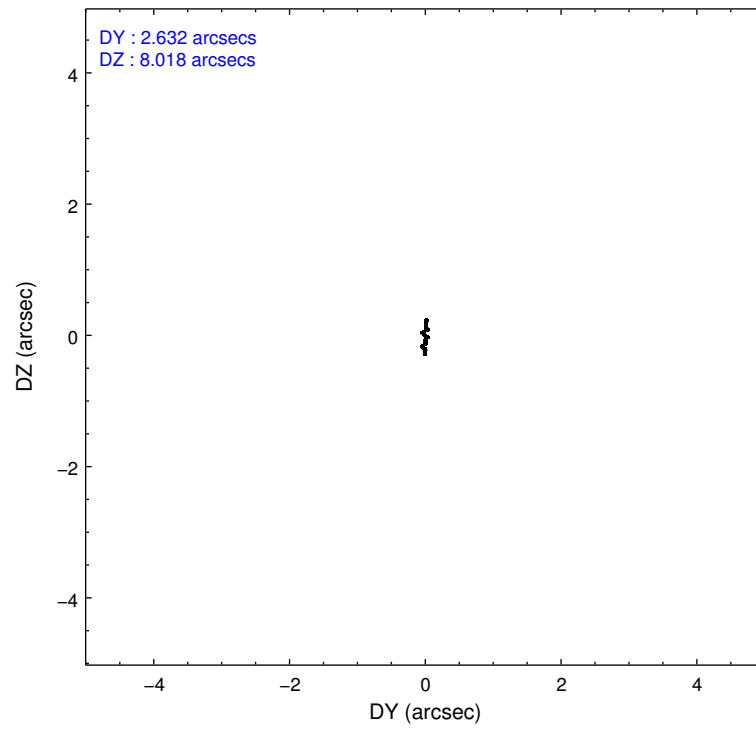
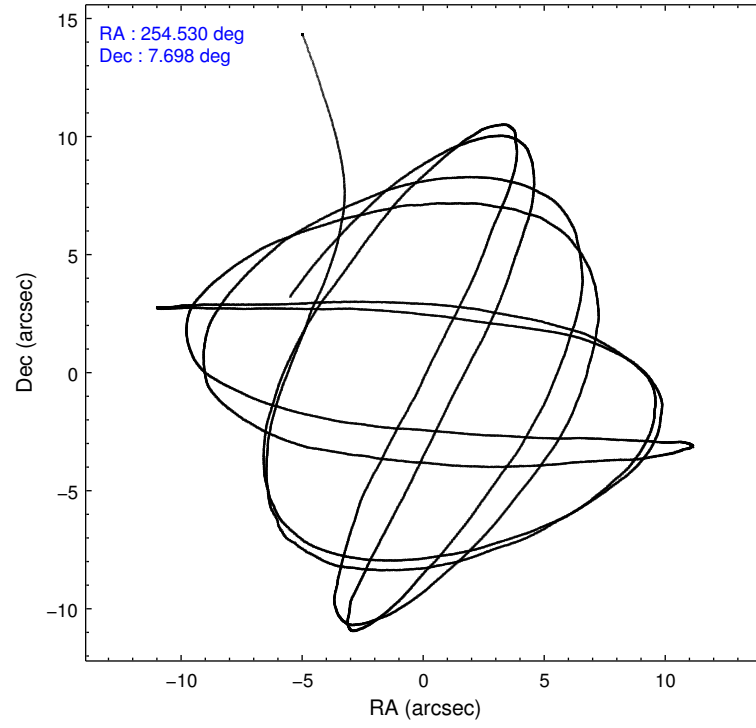
	ccd 7
grade 0 events	920
	6%
grade 1 events	10
	0%
grade 2 events	1364
	9%
grade 3 events	758
	5%
grade 4 events	727
	5%
grade 5 events	1148
	8%
grade 6 events	3372
	24%
grade 7 events	5711
	40%

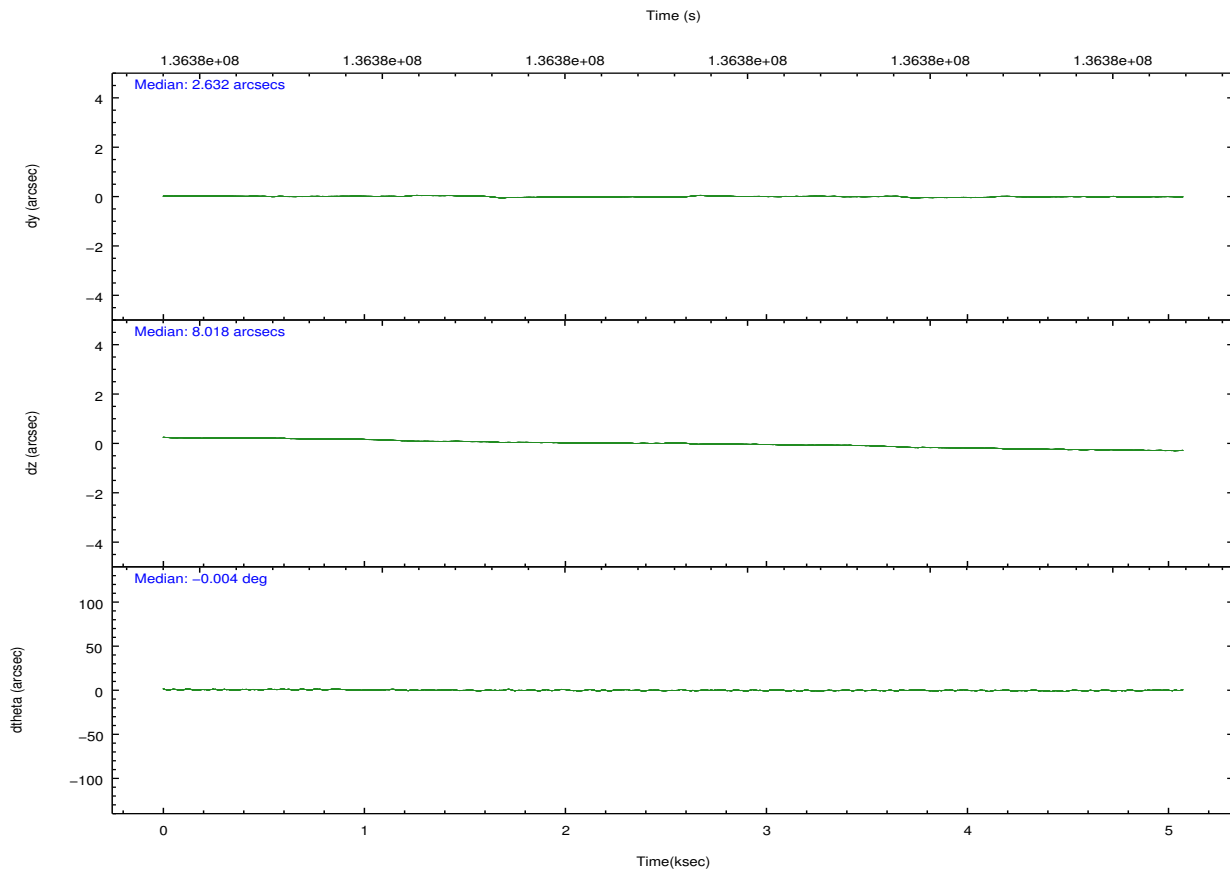
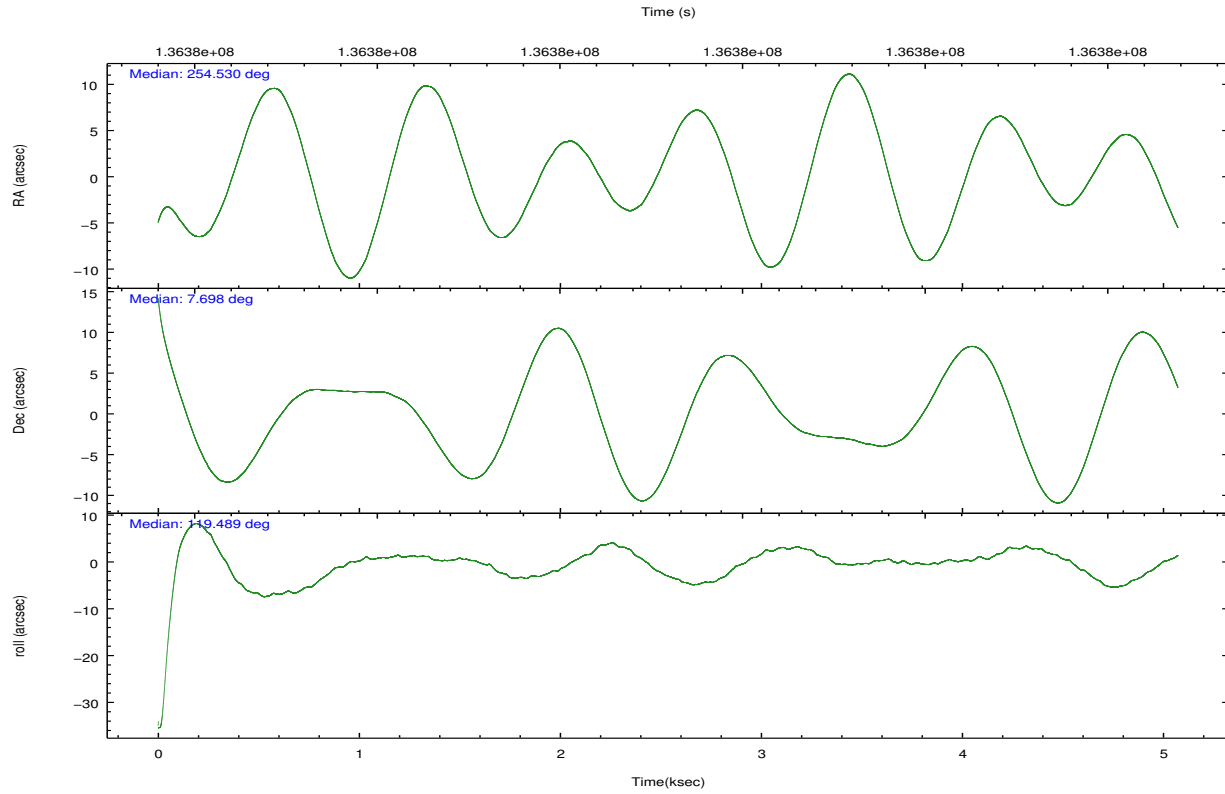
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	254.554211	254.530300854221
[deg] Pointing Dec	7.684415	7.697971790360453
[deg] Pointing Roll	119.334865	119.4945906794538
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-178.632523	-178.6370735452349
[mm] SIM translation stage offset	-11.5	-11.49544903777291
[s] Observation start time (MET)	136375178.184000	136374084.4845
Observation start date	2002-04-28T09:58:34	2002-04-28T09:41:24
[s] Observation end time (MET)	136380129.184000	136380443.58476
Observation end date	2002-04-28T11:21:05	2002-04-28T11:27:23
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/4
Subarray start row	1	1
Subarray row count	256	256
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.8

2.3 Aspect



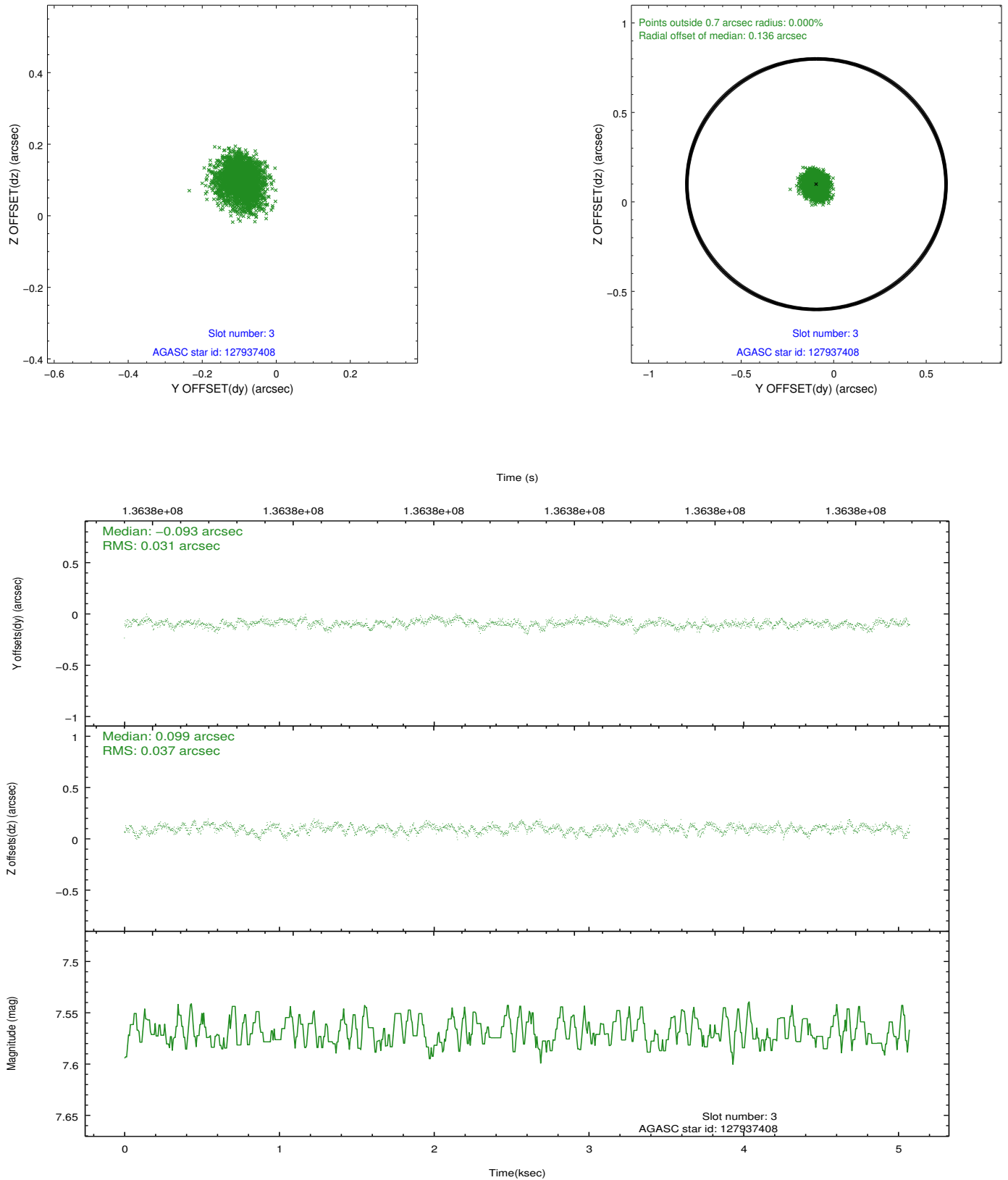


Slot Statistics

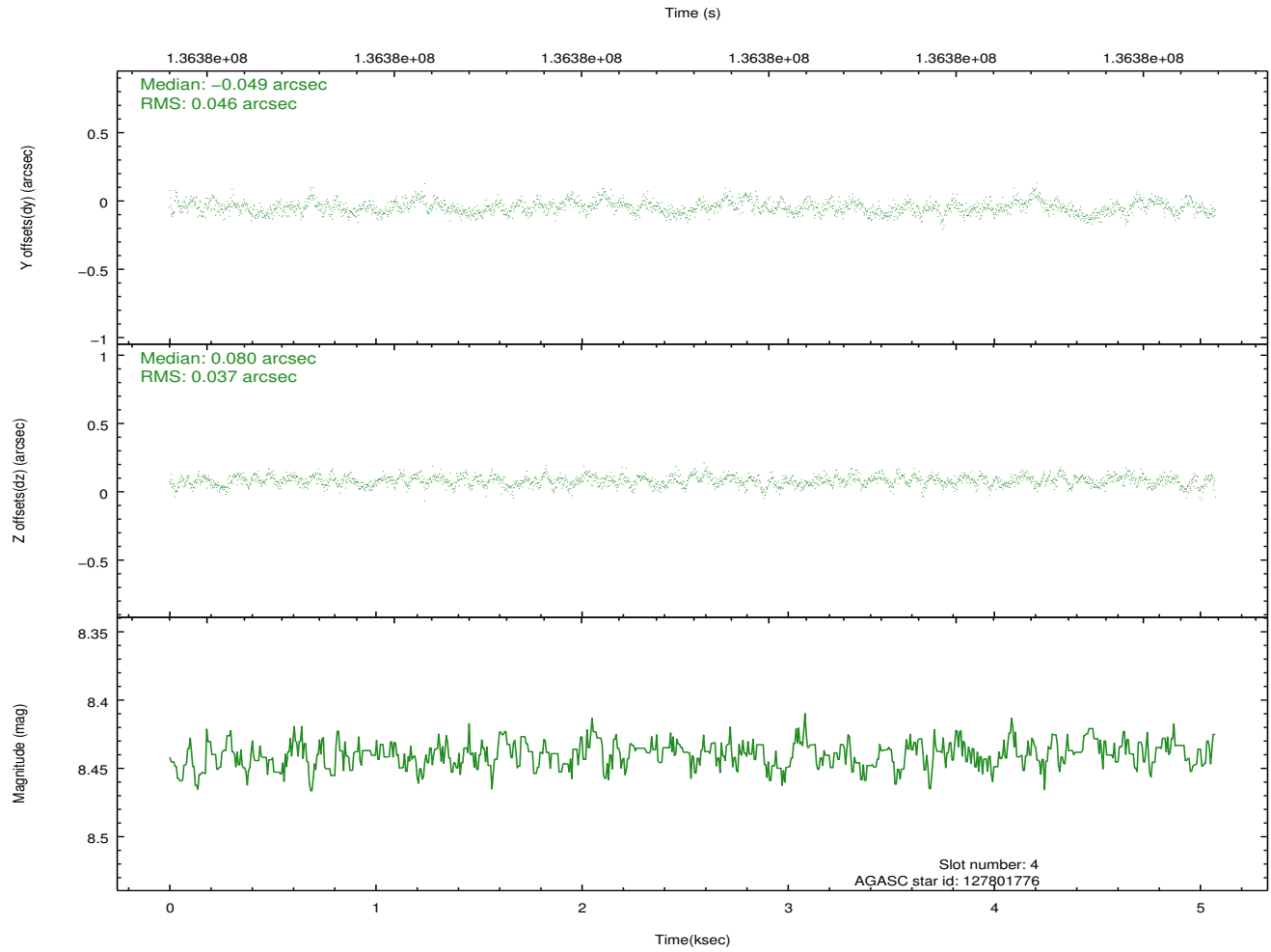
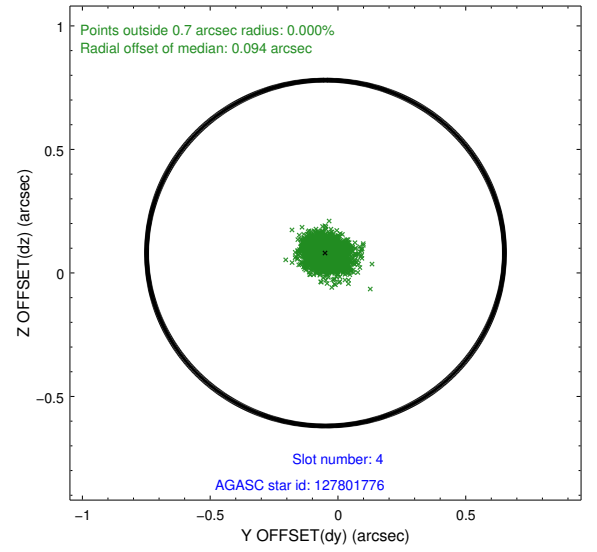
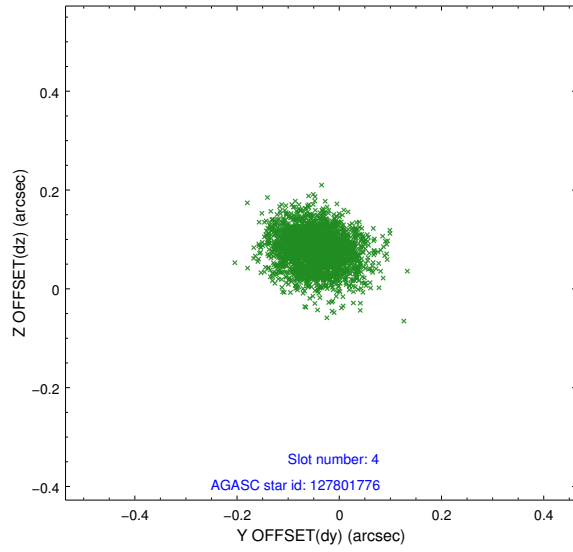
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-4	7.17	1238	-0.025	0.126	0.008	0.014	0.000000	0.000000	2158.91	-57.08
1	FID	ACIS-S-5	7.23	1238	0.039	0.111	0.008	0.014	0.000000	0.000000	-1805.67	-63.64
2	FID	ACIS-S-6	7.43	1238	-0.043	-0.223	0.008	0.013	0.000000	0.000000	405.87	579.74
3	GUIDE	127937408	7.57	2475	-0.093	0.099	0.052	0.083	254.896666	8.026735	476.51	-1667.60
4	GUIDE	127801776	8.44	2476	-0.049	0.080	0.063	0.102	254.420579	8.294120	2146.68	-660.31
5	GUIDE	127795360	9.29	2475	-0.119	-0.080	0.083	0.133	253.900119	7.691020	1165.78	2022.04
6	GUIDE	52042168	9.38	2476	0.183	-0.043	0.084	0.139	254.549042	7.133968	-1718.32	987.93
7	GUIDE	52041992	9.45	2474	0.077	-0.052	0.100	0.176	254.323903	7.307386	-781.25	1382.50

2.4 Star Slots

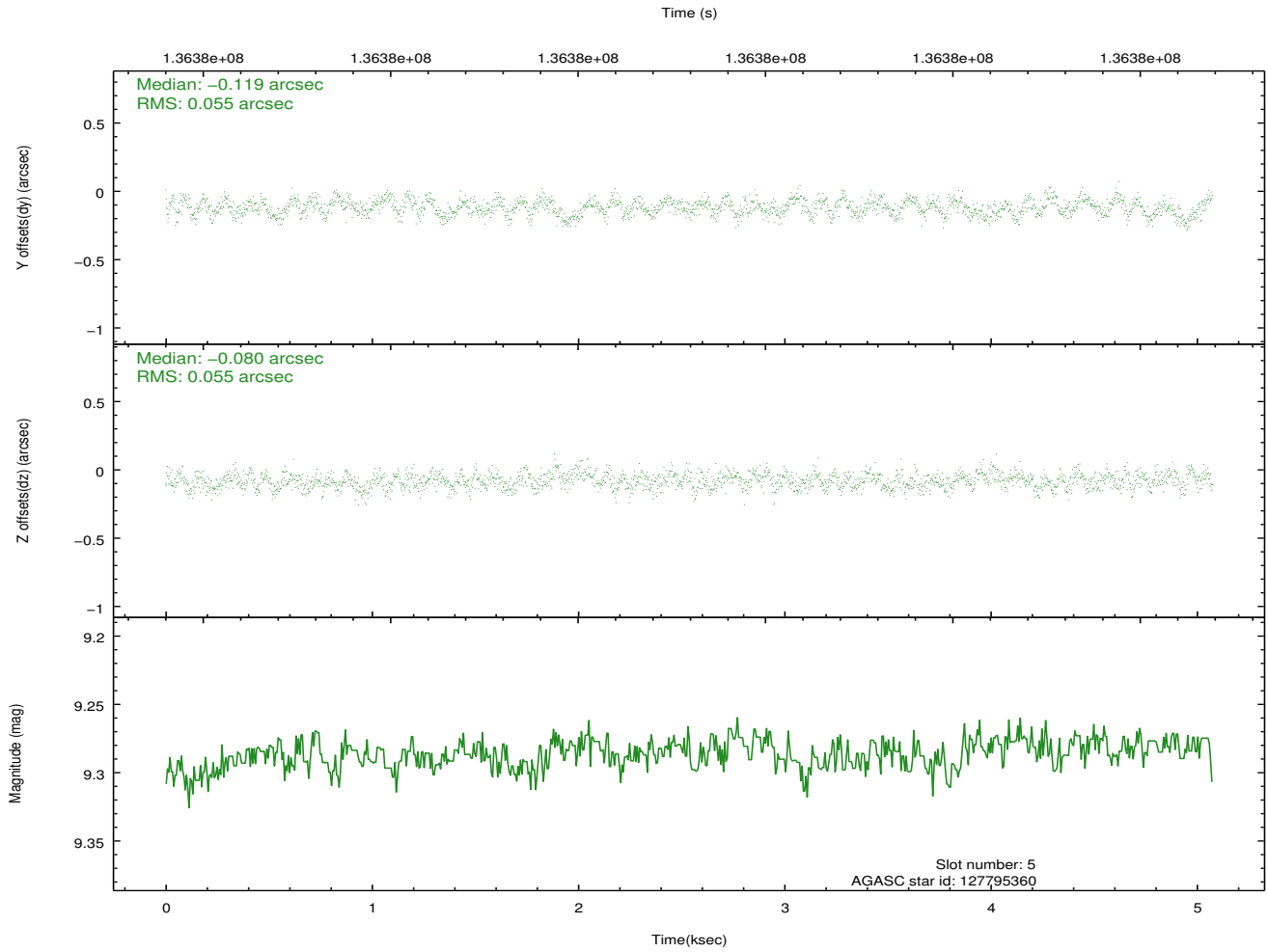
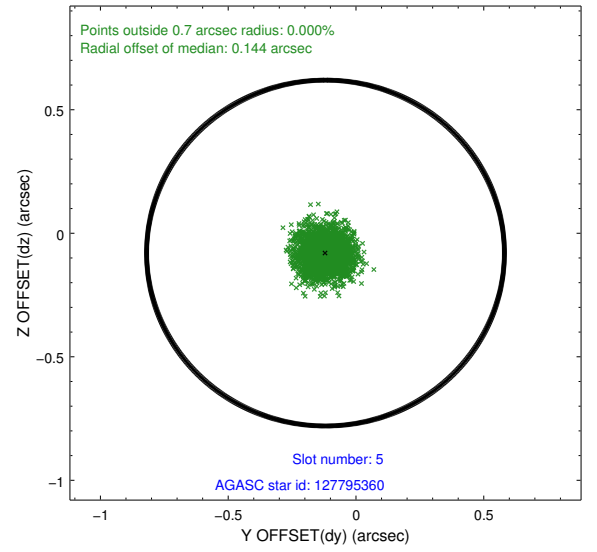
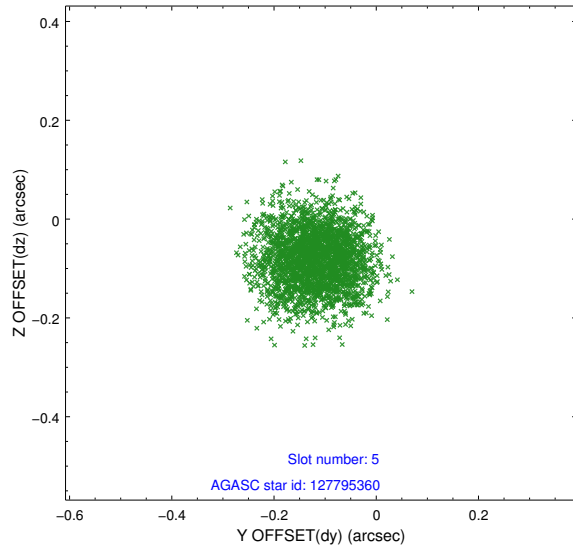
2.4.1 Slot 3



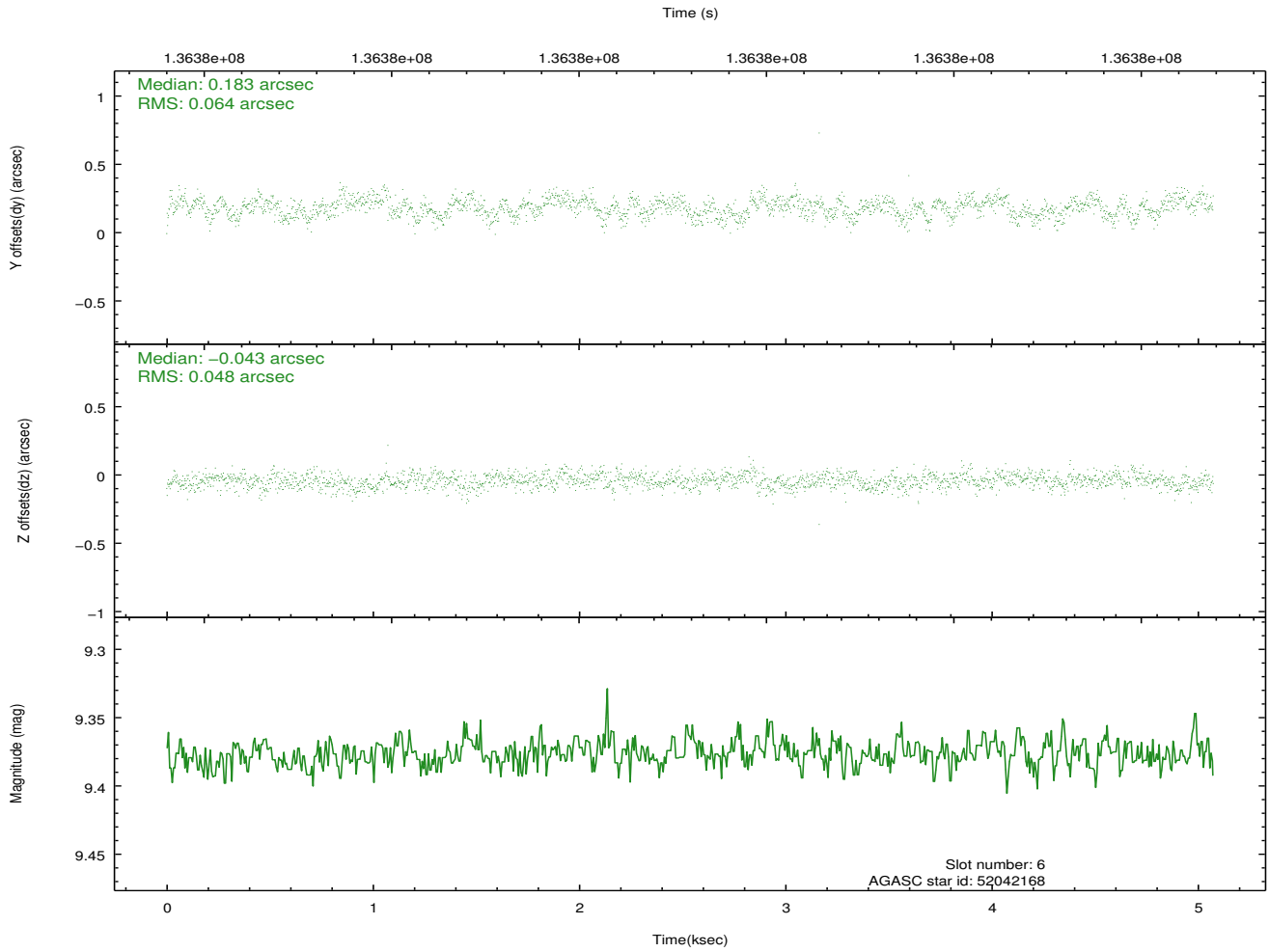
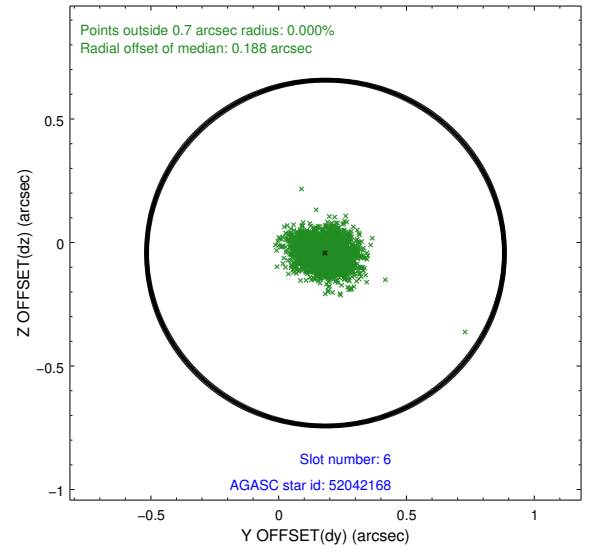
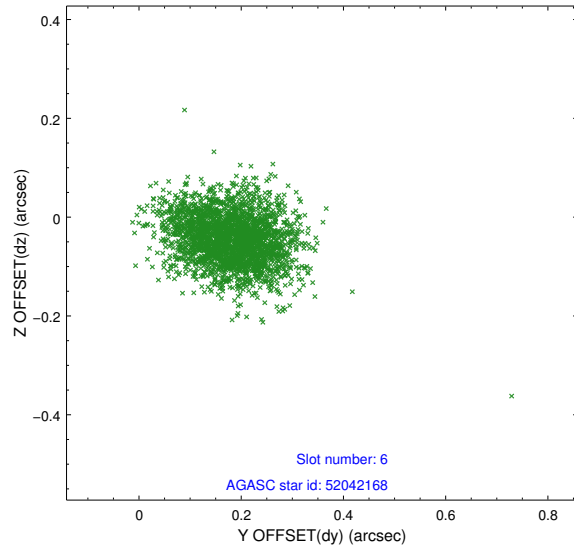
2.4.2 Slot 4



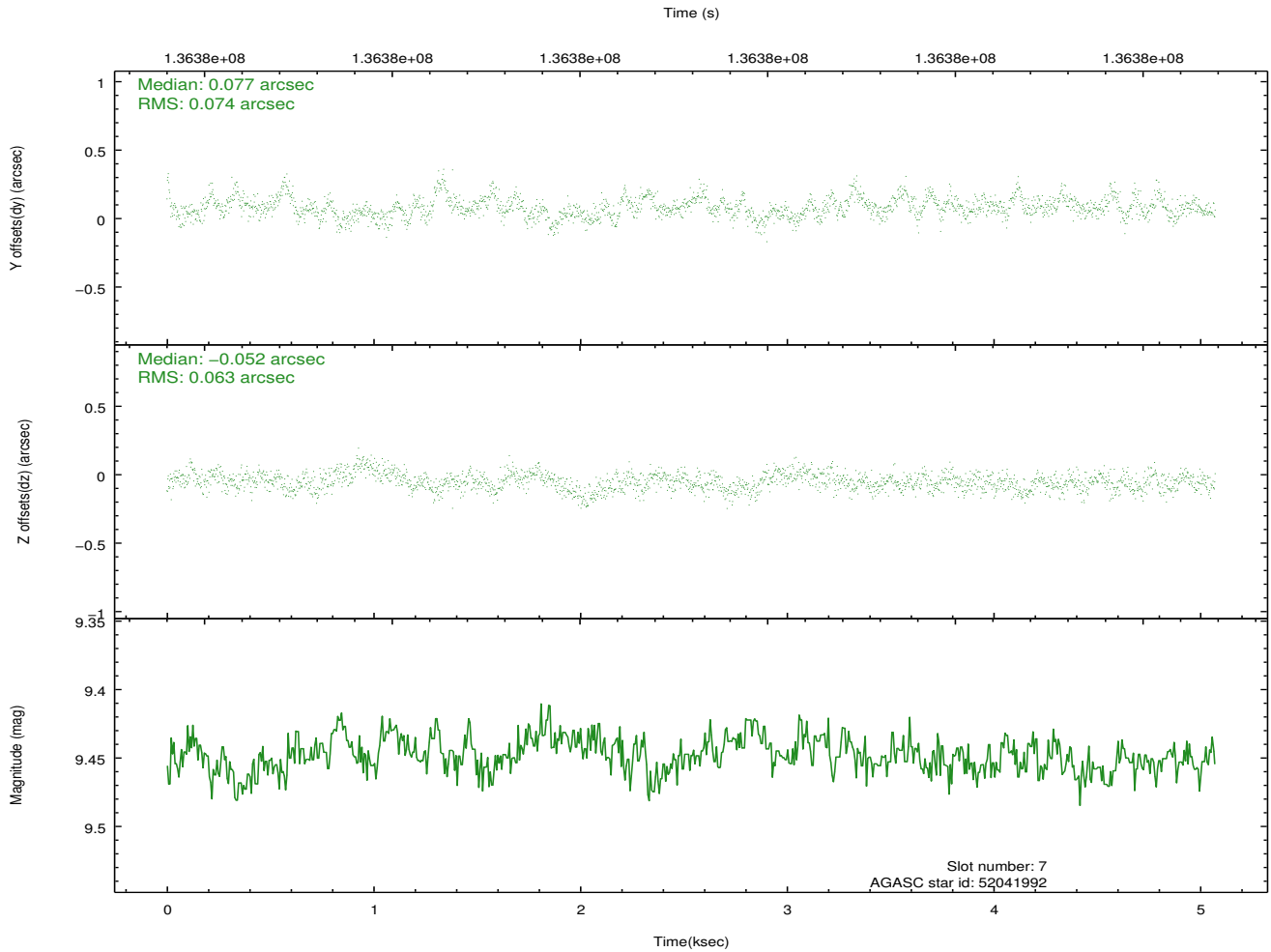
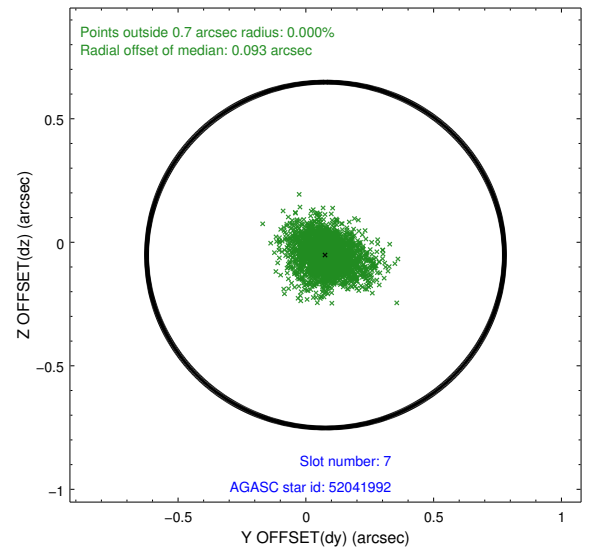
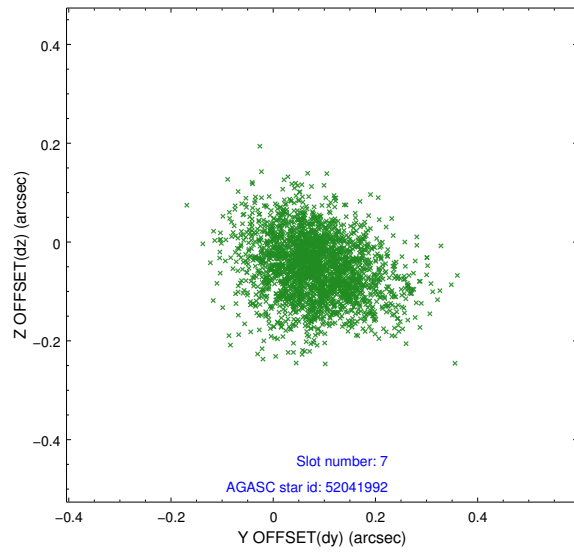
2.4.3 Slot 5



2.4.4 Slot 6

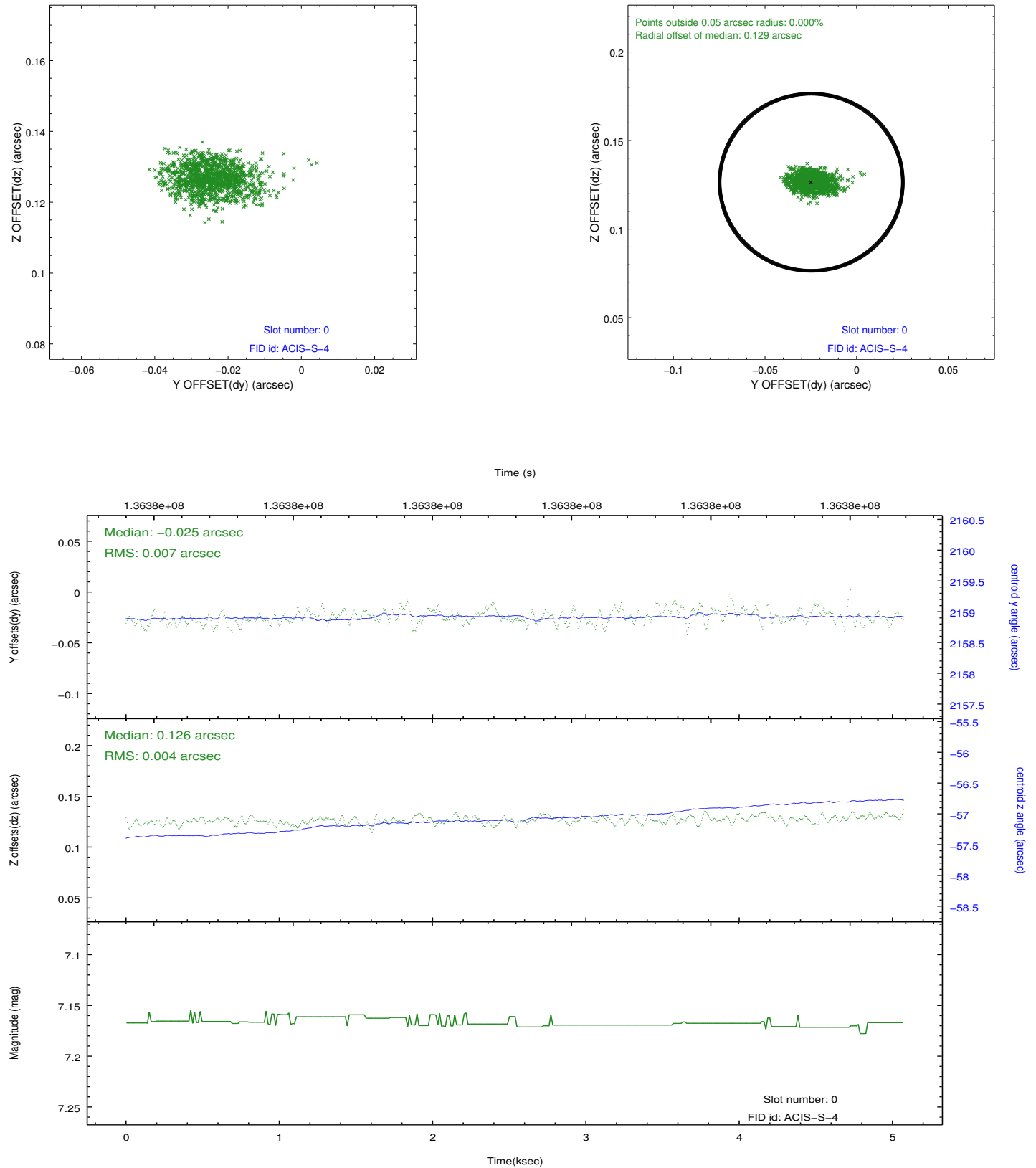


2.4.5 Slot 7

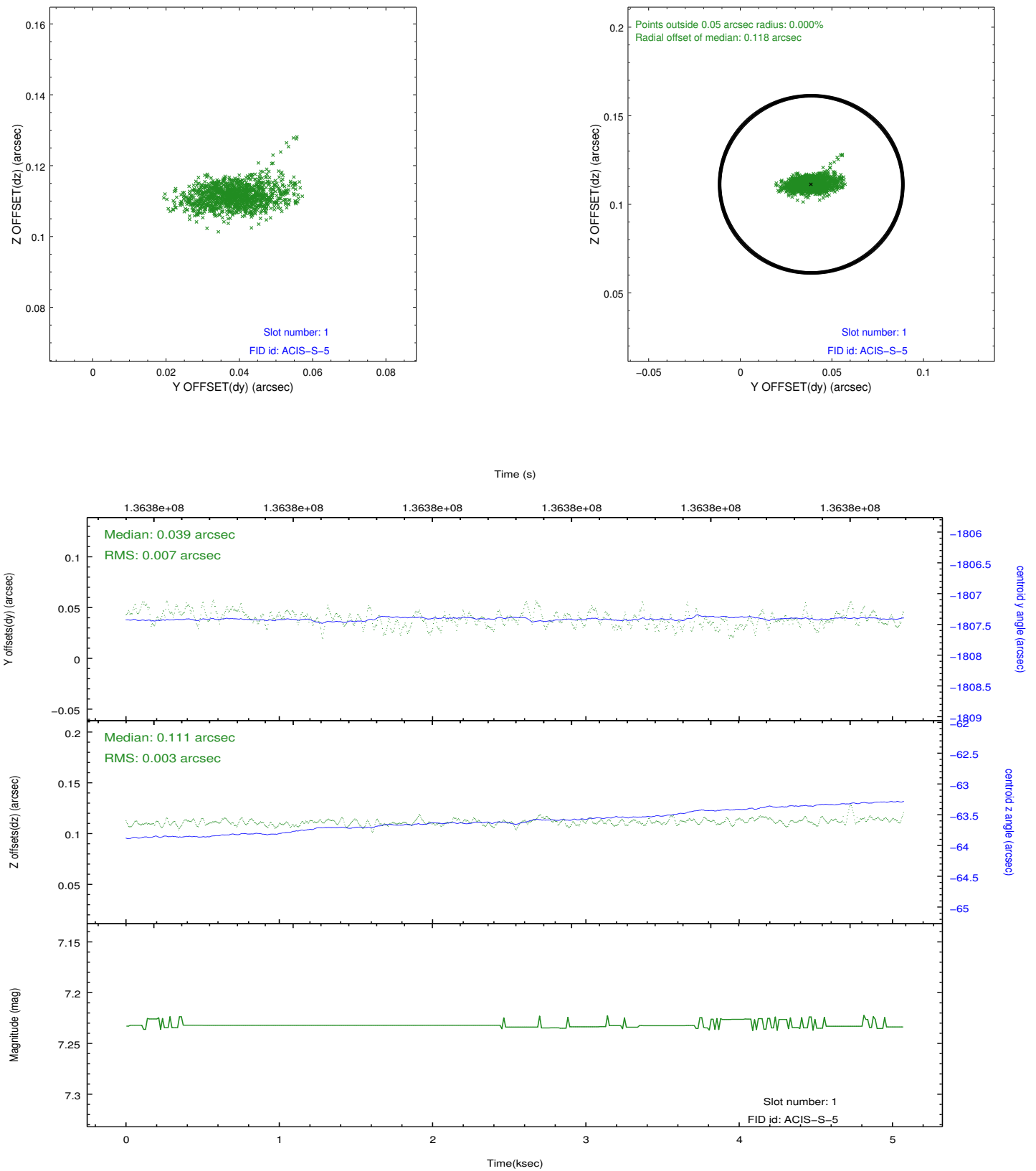


2.5 FID Slots

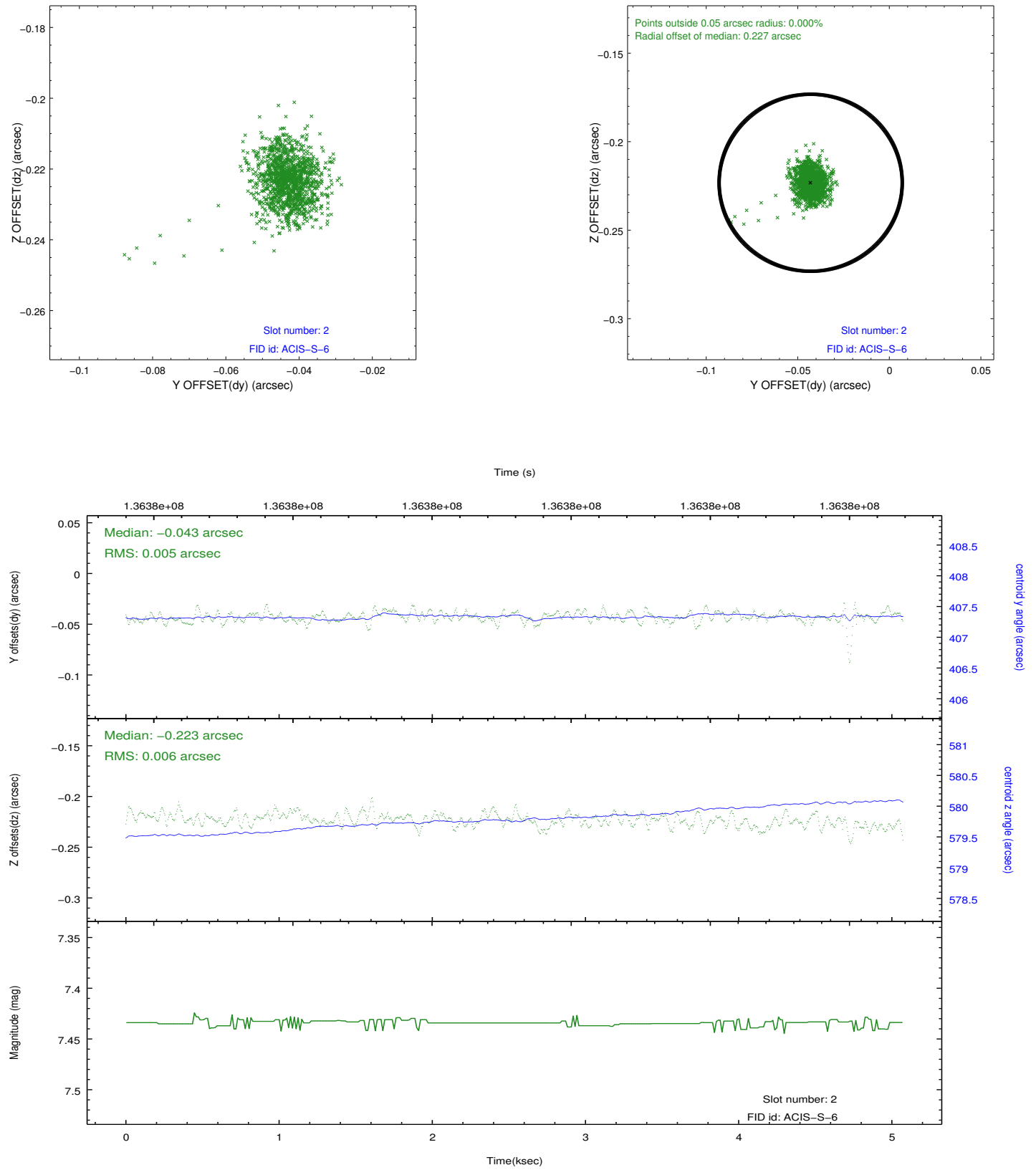
2.5.1 Slot 0



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)	2012.10.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.072

A.2 Comments