

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4785 - L2 Version 3
Chandra X-Ray Center

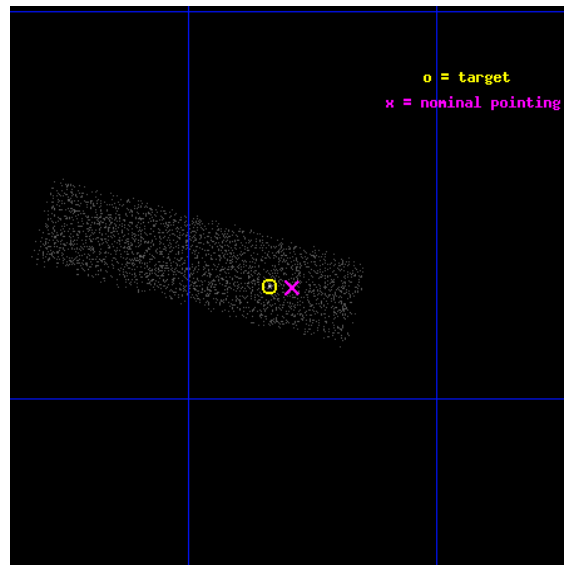
L2 Processing Date : Dec 1 2012

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1 Front

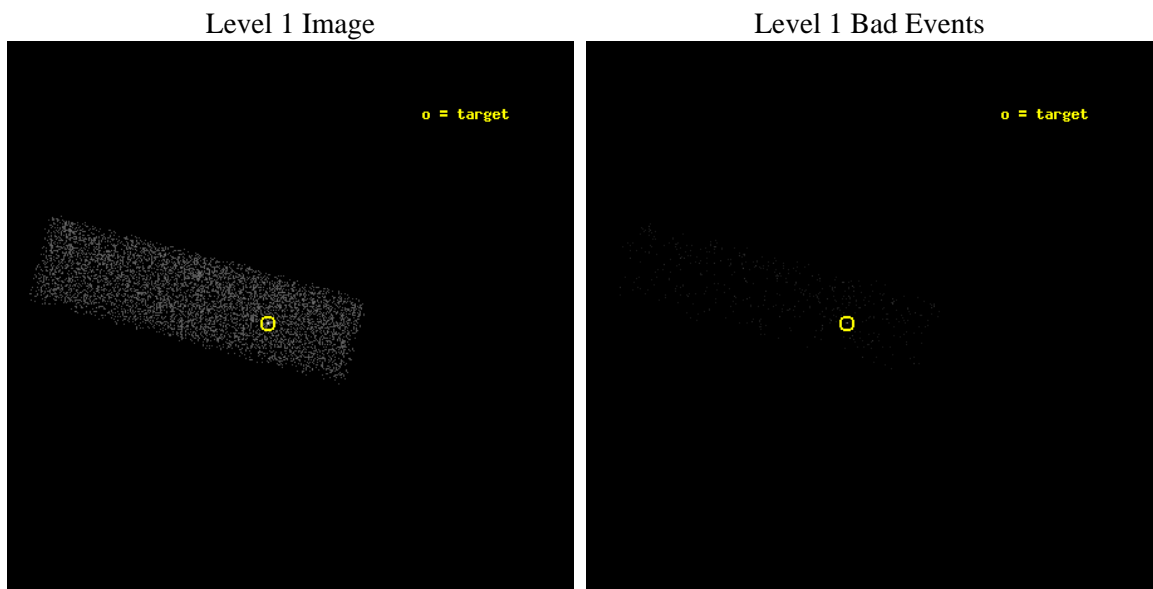
seq_num	700868	Sequence number
obs_id	4785	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1420-3039	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	215.584167	Observer's specified target RA [deg]
dec_targ	29.715417	Observer's specified target Dec [deg]
ra_nom	215.57298106347	Nominal RA [deg]
dec_nom	29.714571922053	Nominal Dec [deg]
roll_nom	194.97342175615	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2828.5109105706	Sum of GTIs [s]
livetime	2690.4888334164	Livetime [s]
ontime7	2828.5109105706	Sum of GTIs [s]
l2events	3587	Number of level 2 events



2 OBI

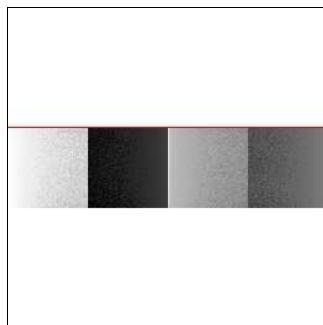
2.1 OBI

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	2828.5109105706	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	2828.5109105706	Sum of GTIs [s]
date	2012-12-01T05:42:34	Date and time of file creation	l1events	7553	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

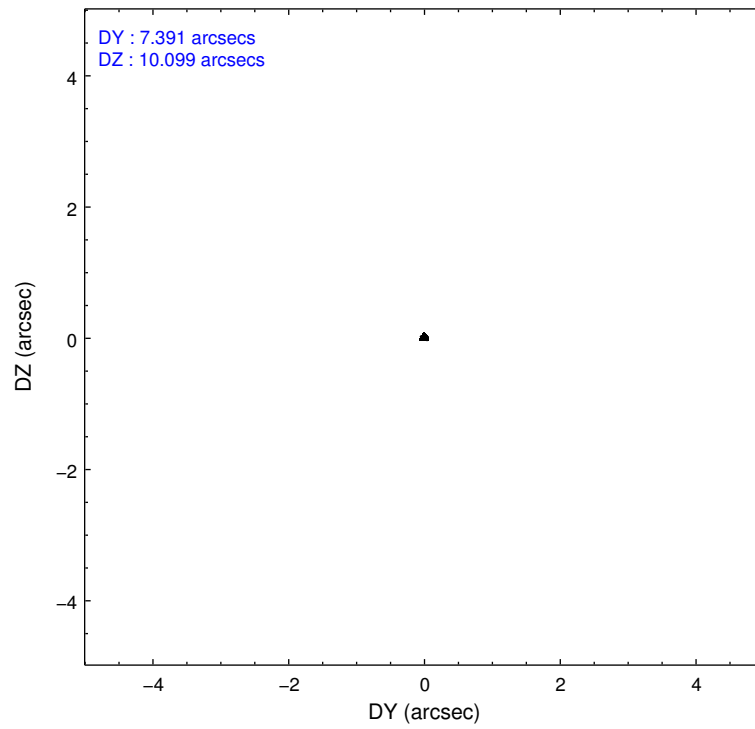
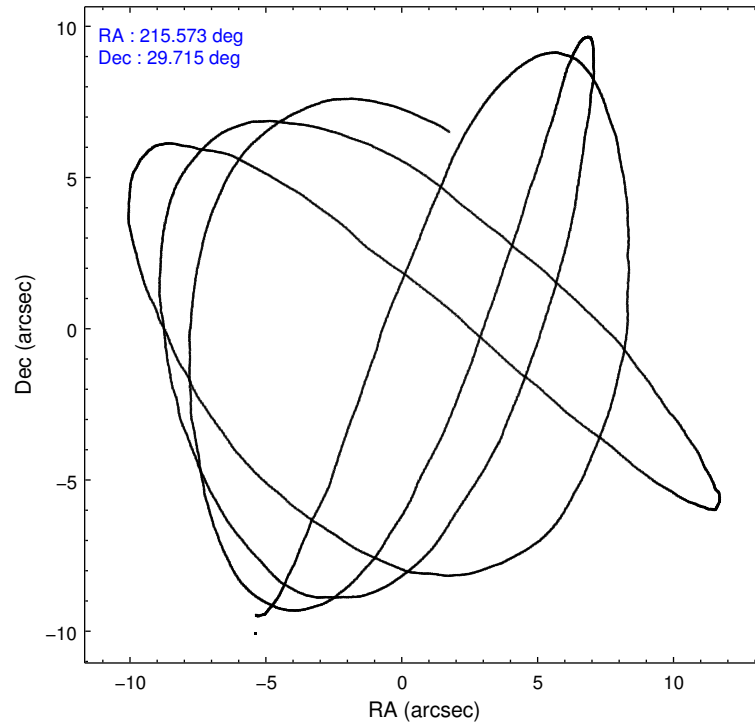
	ccd 7
level 1 events	7553
rejected events	3863
rejected %	51%

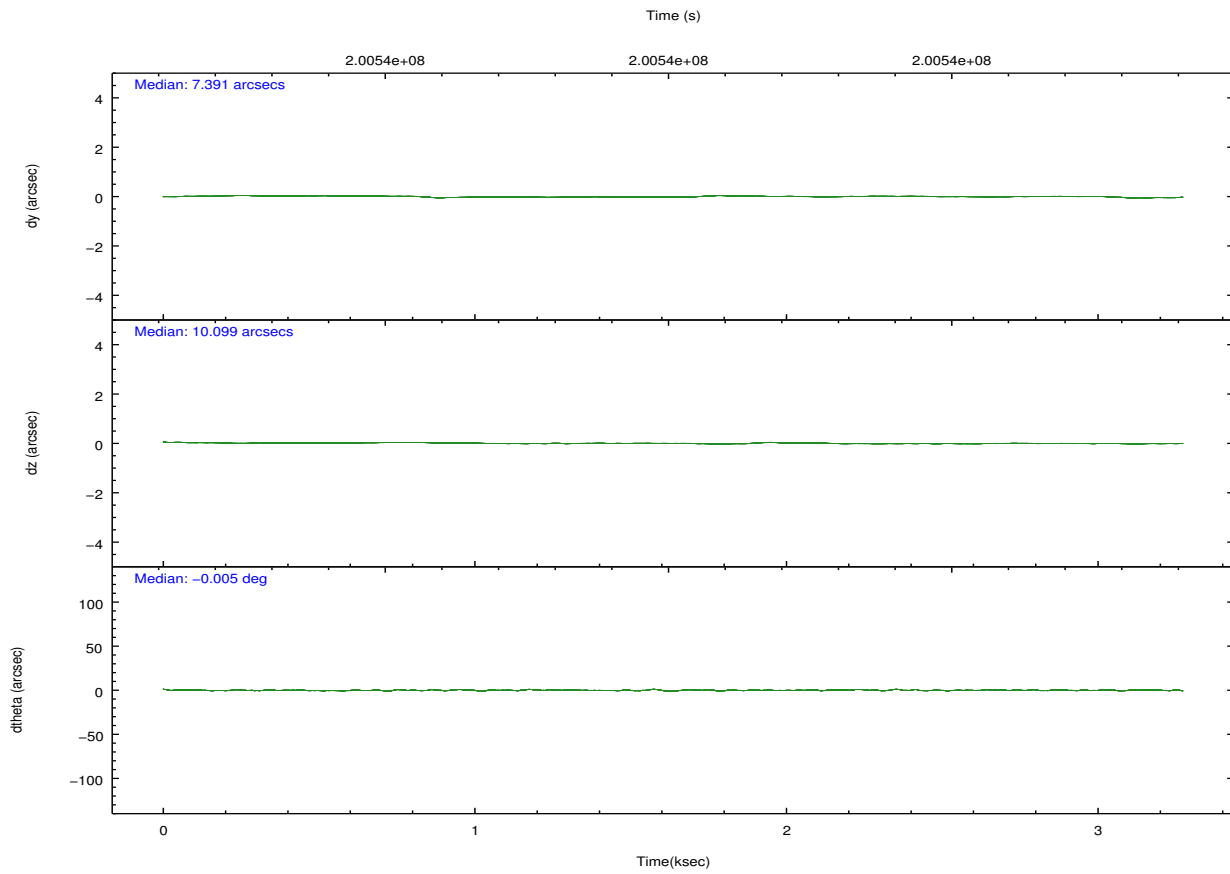
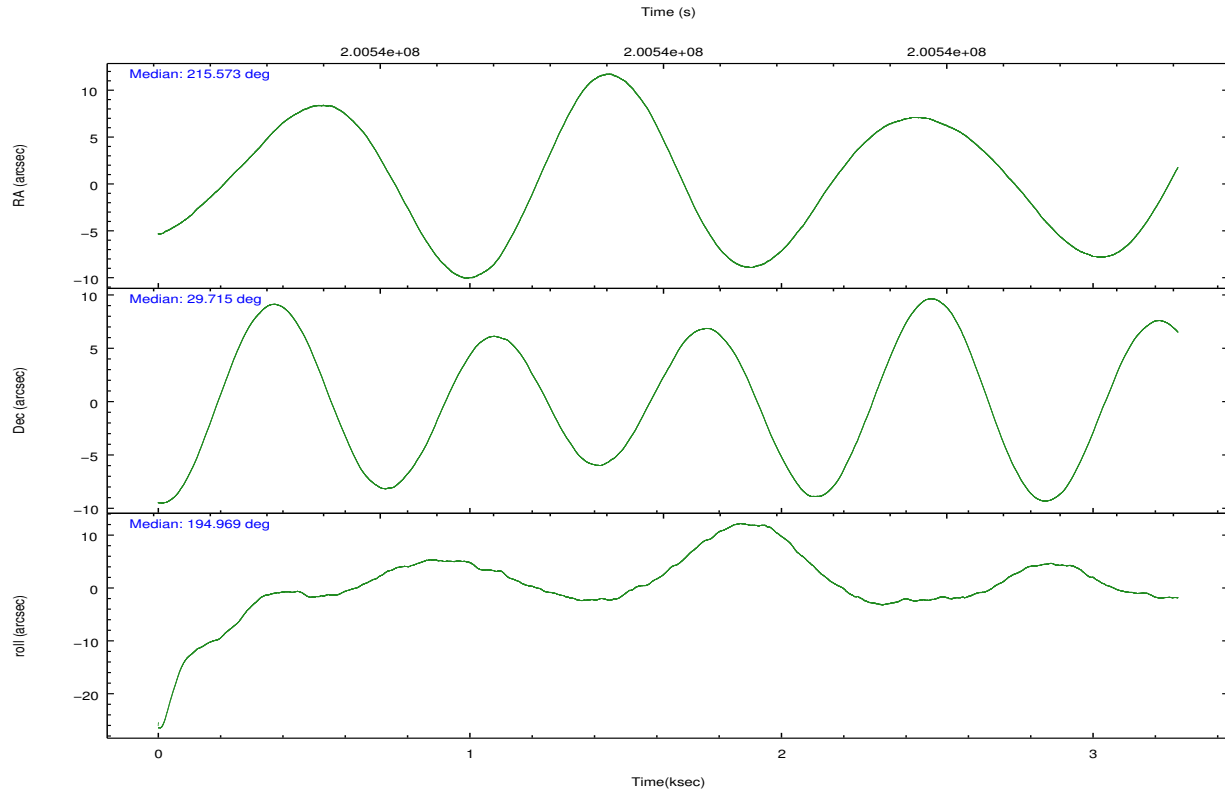
	ccd 7
grade 0 events	553
	7%
grade 1 events	13
	0%
grade 2 events	721
	9%
grade 3 events	411
	5%
grade 4 events	403
	5%
grade 5 events	622
	8%
grade 6 events	1607
	21%
grade 7 events	3223
	42%

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	215.594962	215.572981063472	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	29.734100	29.71457192205271	Subarray start row	384	385
[deg] Pointing Roll	194.805889	194.9734217561547	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	200536648.184000	200535141.97782			
Observation start date	2004-05-10T00:36:24	2004-05-10T00:12:21			
[s] Observation end time (MET)	200538648.184000	200539820.07803			
Observation end date	2004-05-10T01:09:44	2004-05-10T01:30:20			
Read mode	TIMED	TIMED			

2.3 Aspect



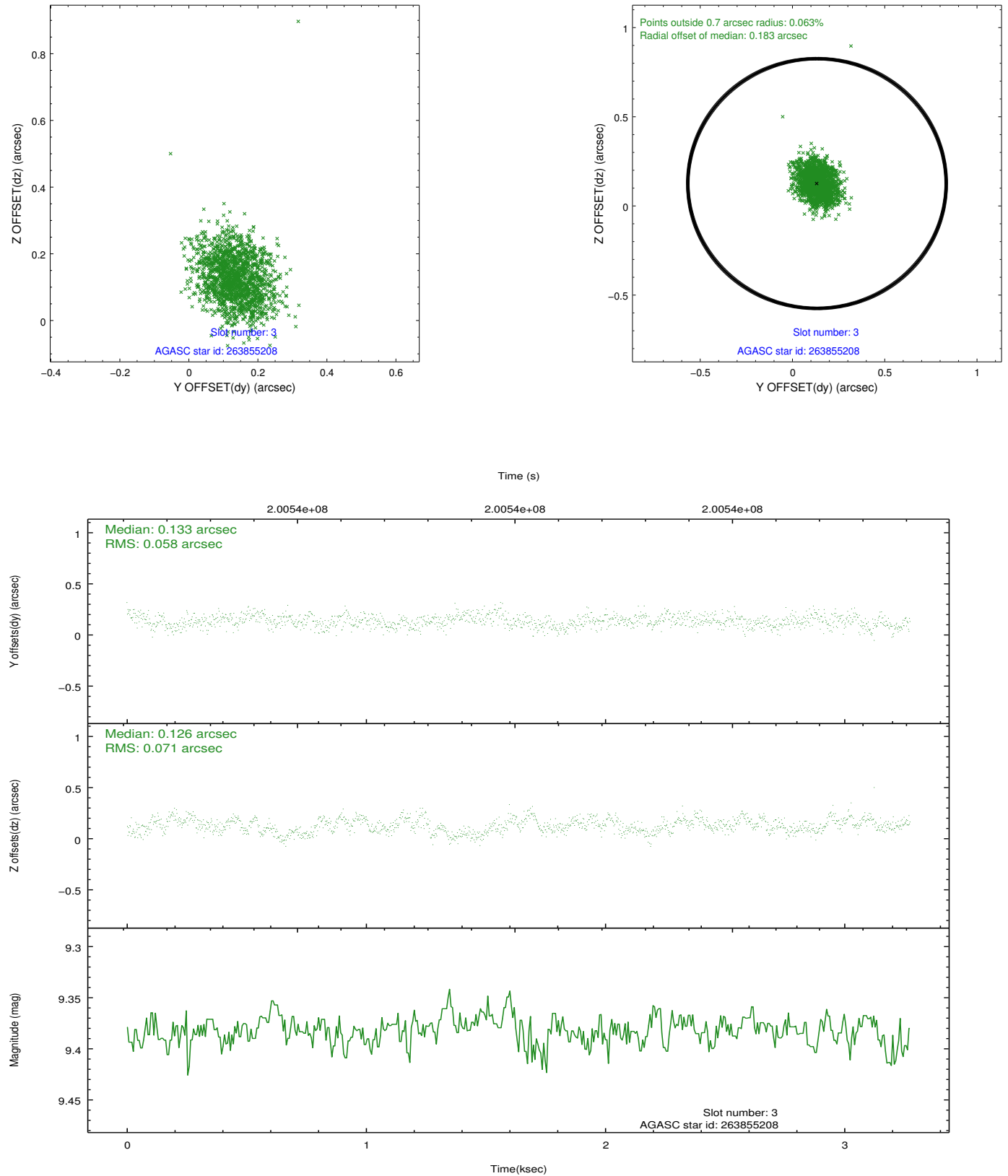


Slot Statistics

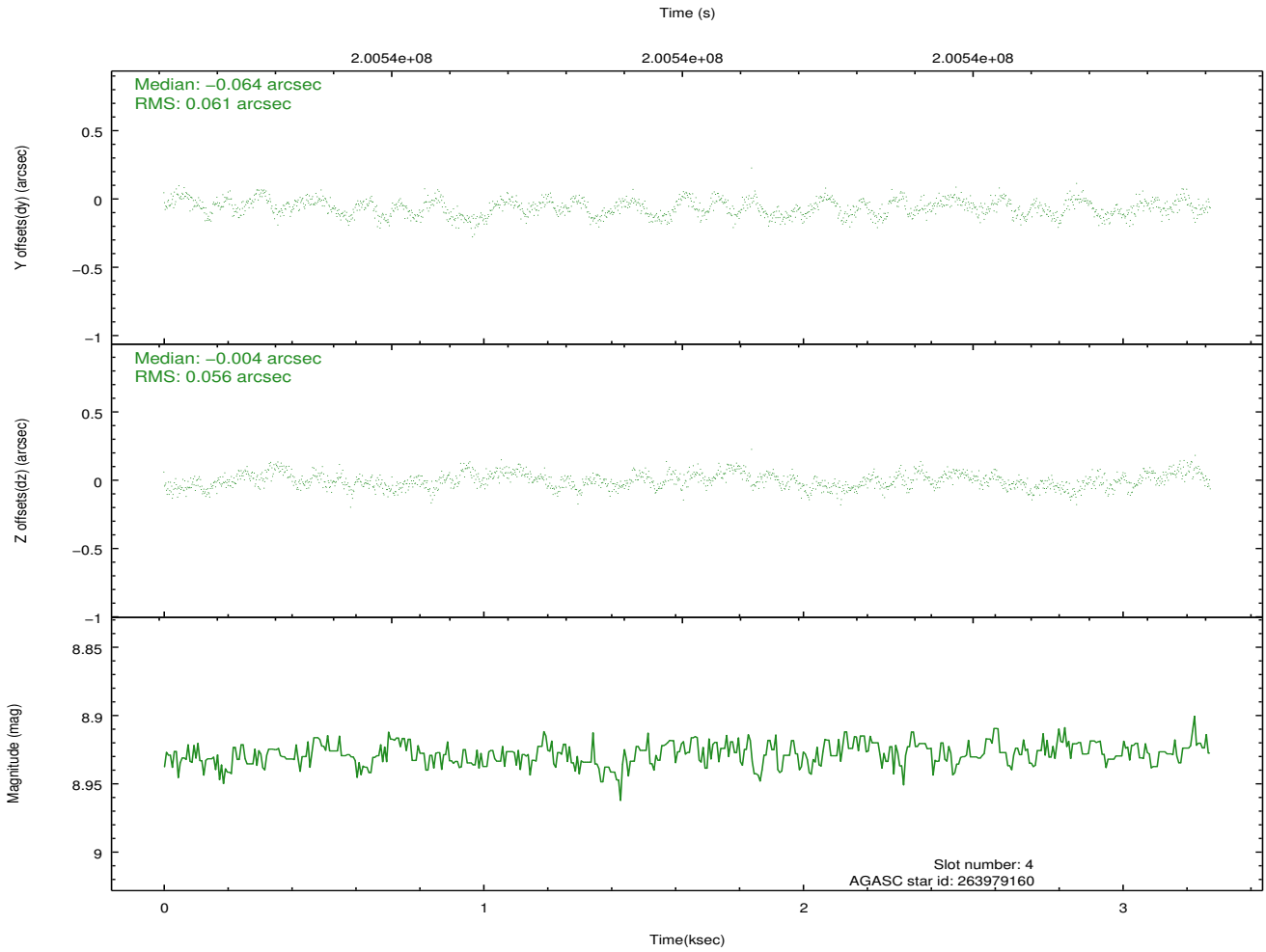
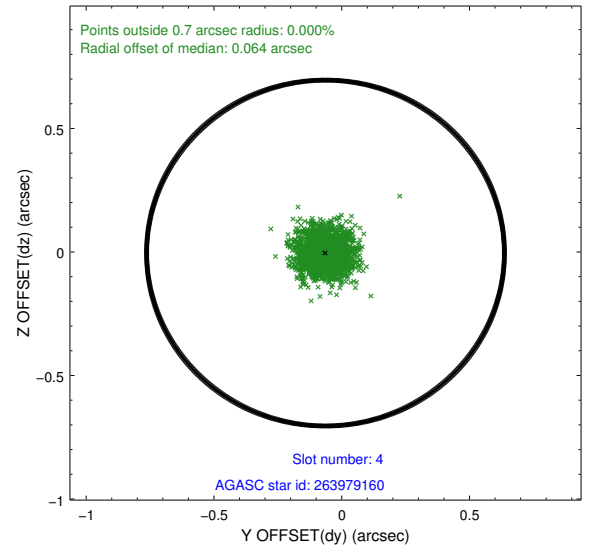
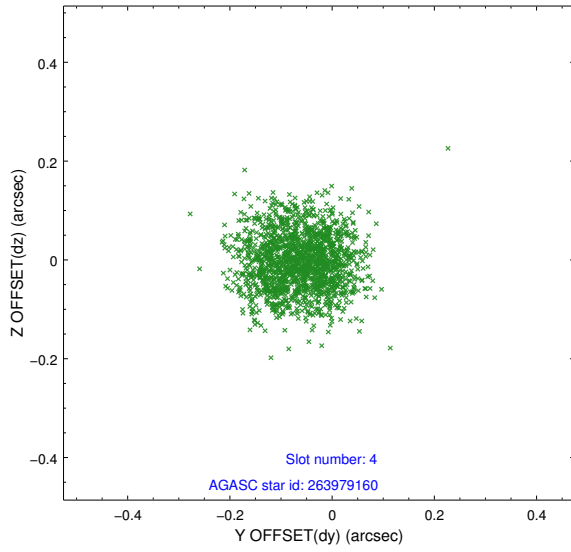
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	798	-0.056	-0.035	0.005	0.010	0.000000	0.000000	-760.17	-1731.40
1	FID	ACIS-S-4	7.20	799	0.065	0.023	0.006	0.011	0.000000	0.000000	2152.31	175.19
2	FID	ACIS-S-6	7.34	799	-0.037	0.019	0.006	0.011	0.000000	0.000000	404.27	814.75
3	GUIDE	263855208	9.38	1597	0.133	0.126	0.095	0.151	214.838802	29.655405	2357.55	-337.55
4	GUIDE	263979160	8.93	1598	-0.064	-0.004	0.089	0.137	216.152552	29.829165	-1770.78	109.97
5	GUIDE	263982648	9.60	1598	-0.053	-0.026	0.121	0.188	216.033845	29.161290	-808.78	2344.04
6	GUIDE	334633912	9.28	1597	-0.169	0.049	0.108	0.171	216.062799	30.458981	-2071.60	-2153.15
7	GUIDE	333714064	10.08	1596	0.156	-0.145	0.142	0.243	214.680175	30.106893	2407.57	-2037.57

2.4 Star Slots

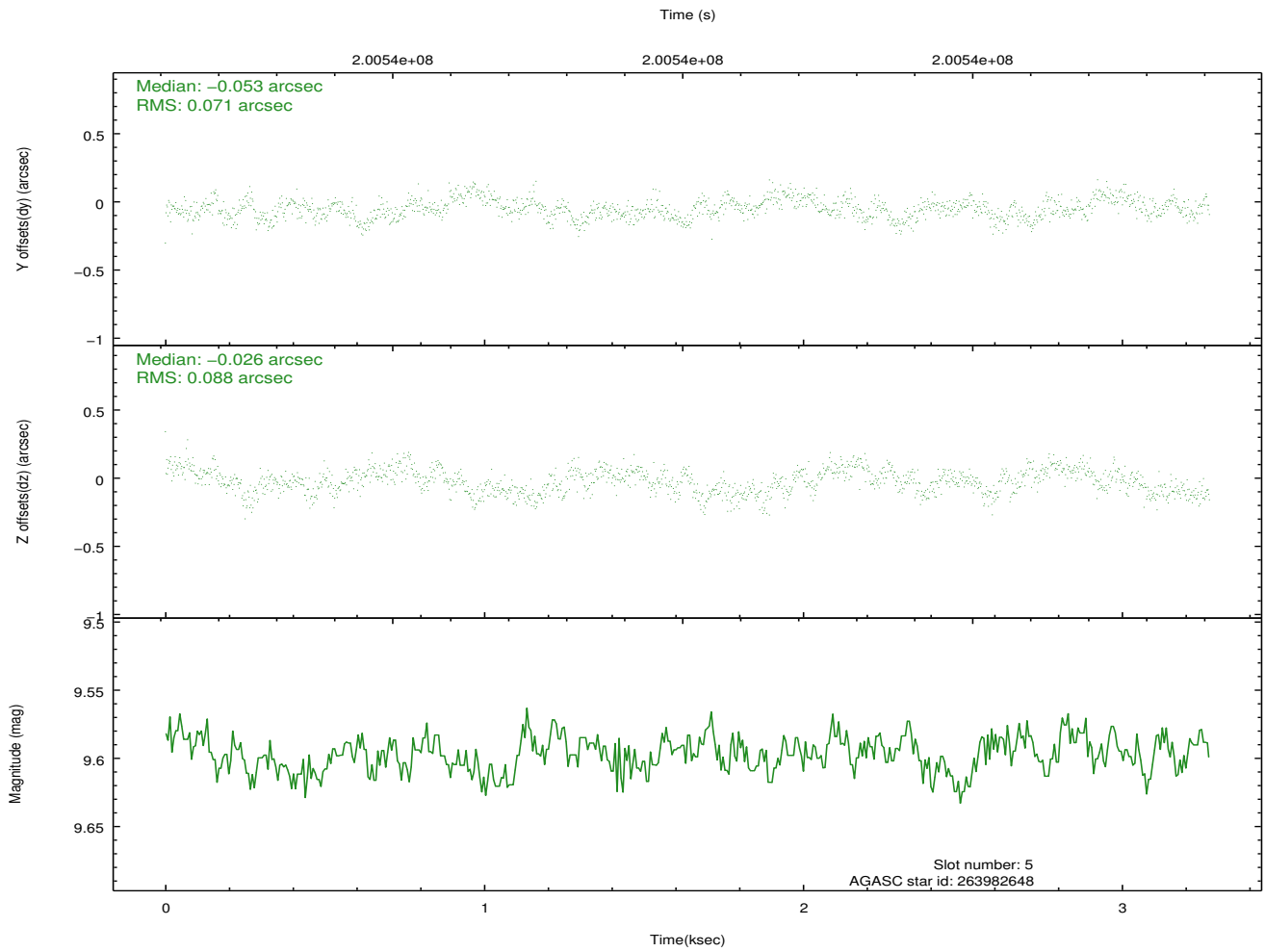
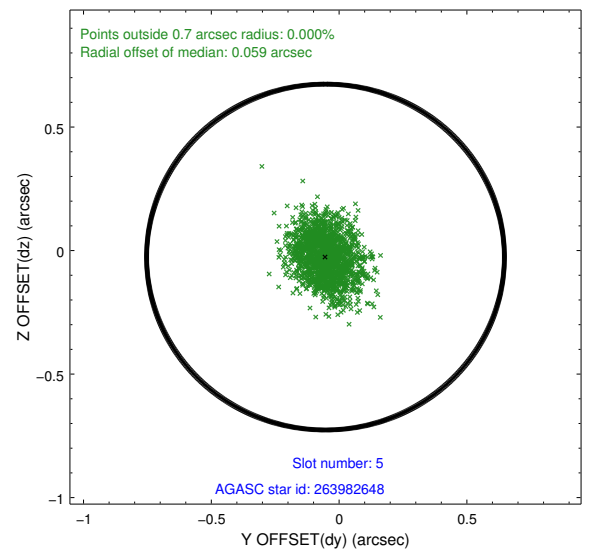
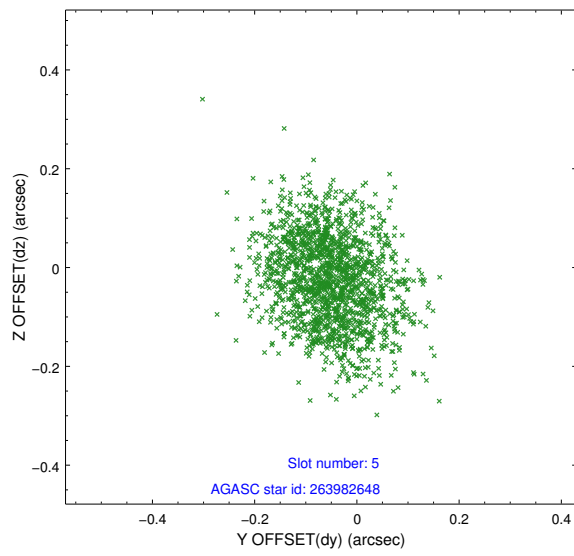
2.4.1 Slot 3



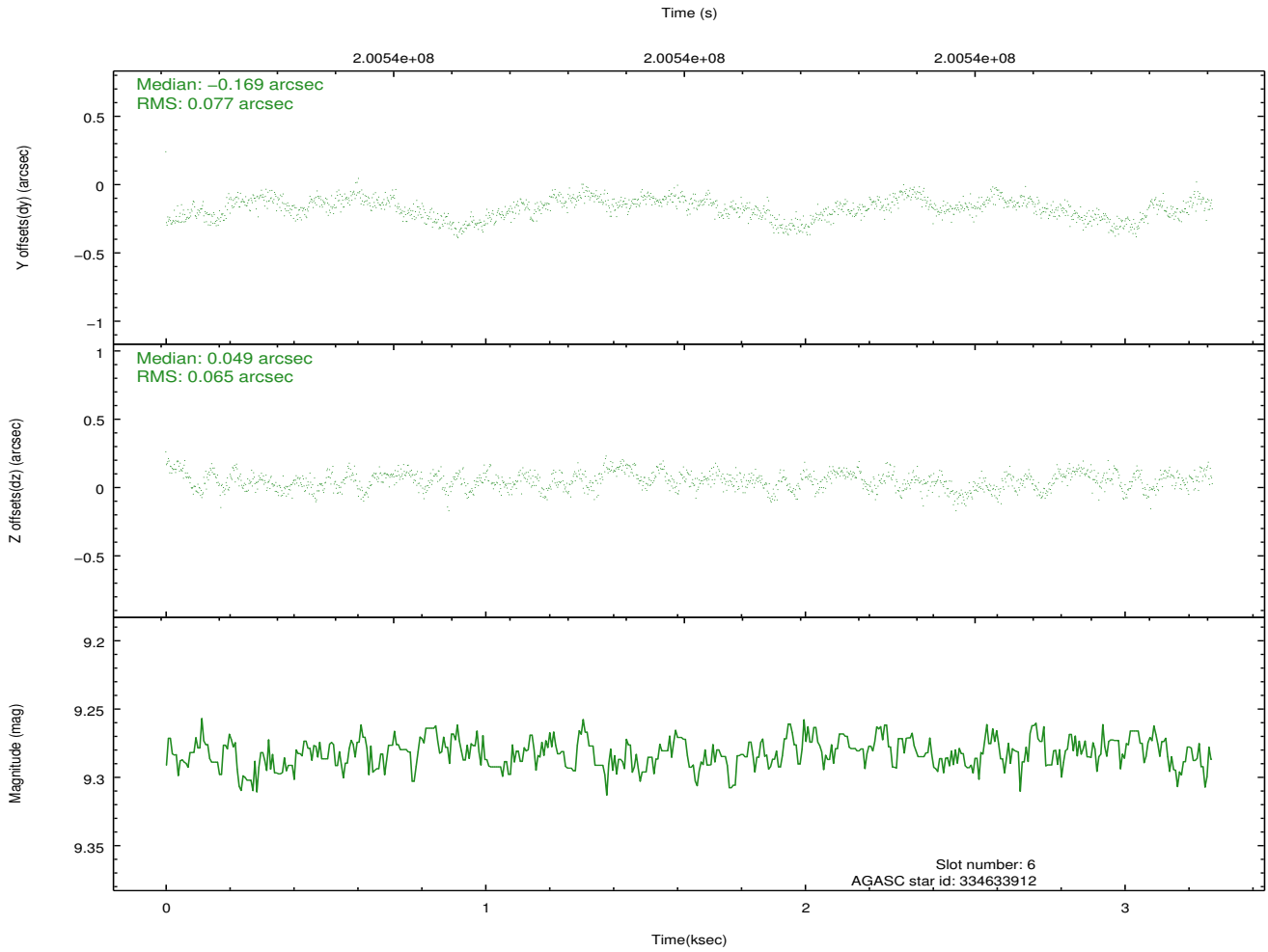
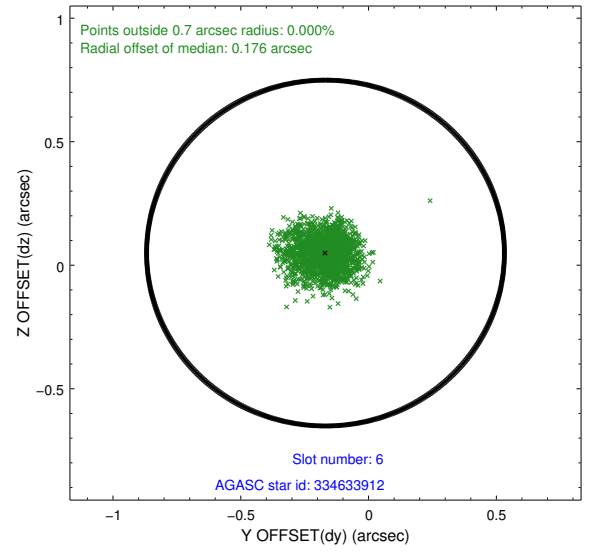
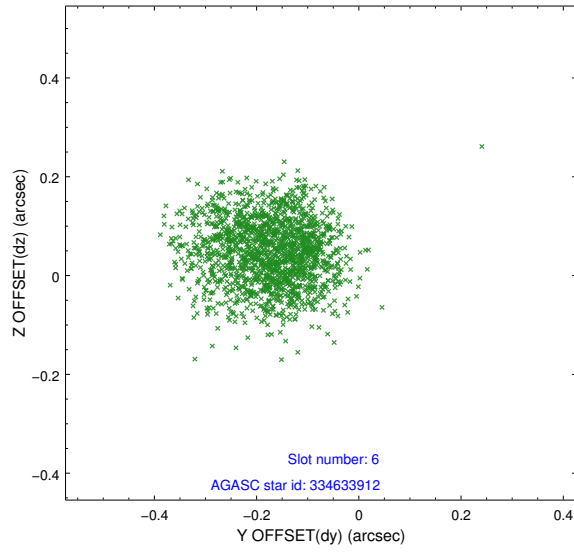
2.4.2 Slot 4



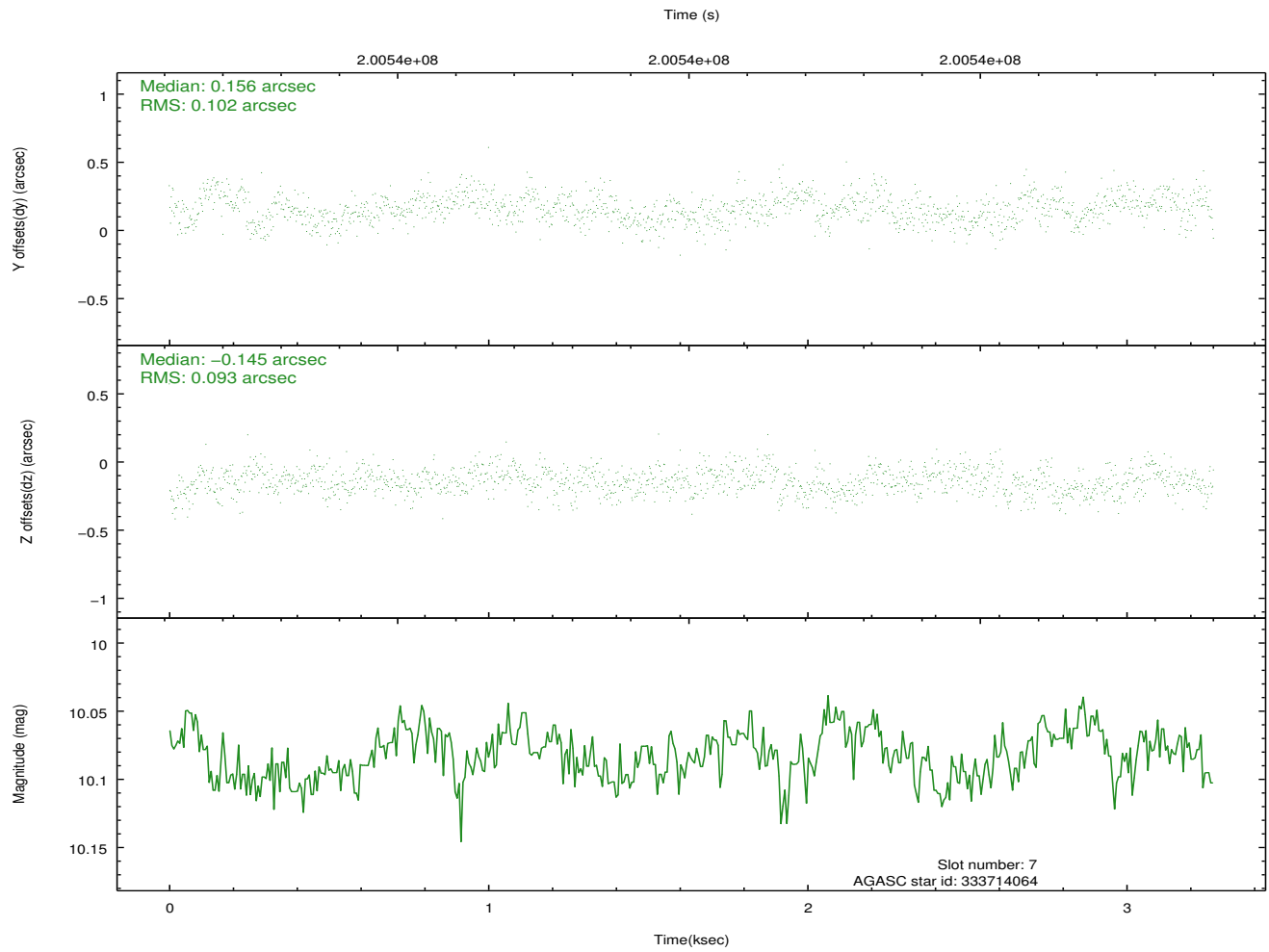
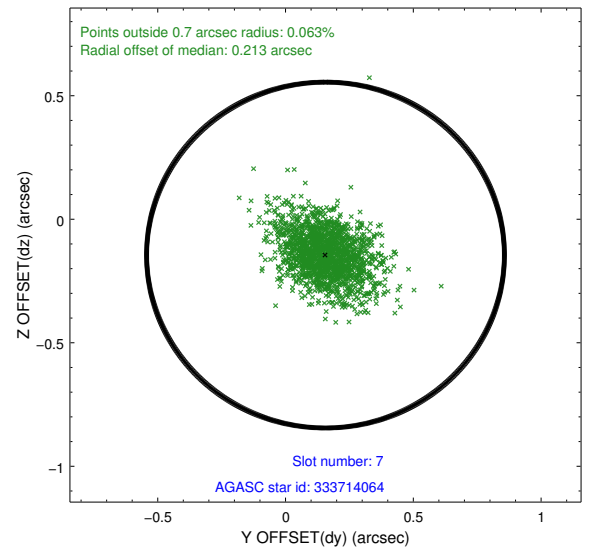
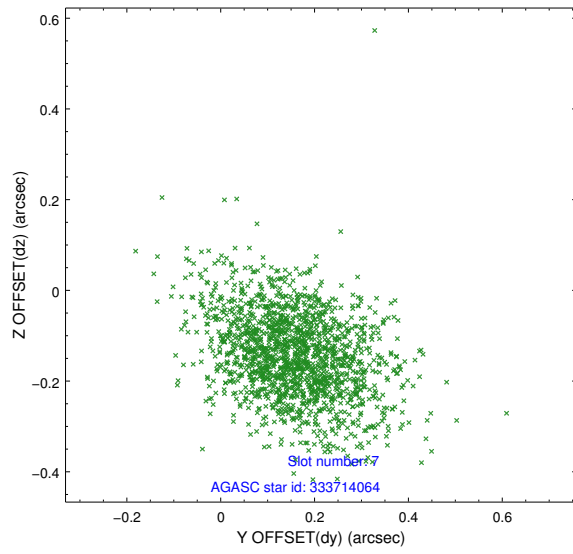
2.4.3 Slot 5



2.4.4 Slot 6

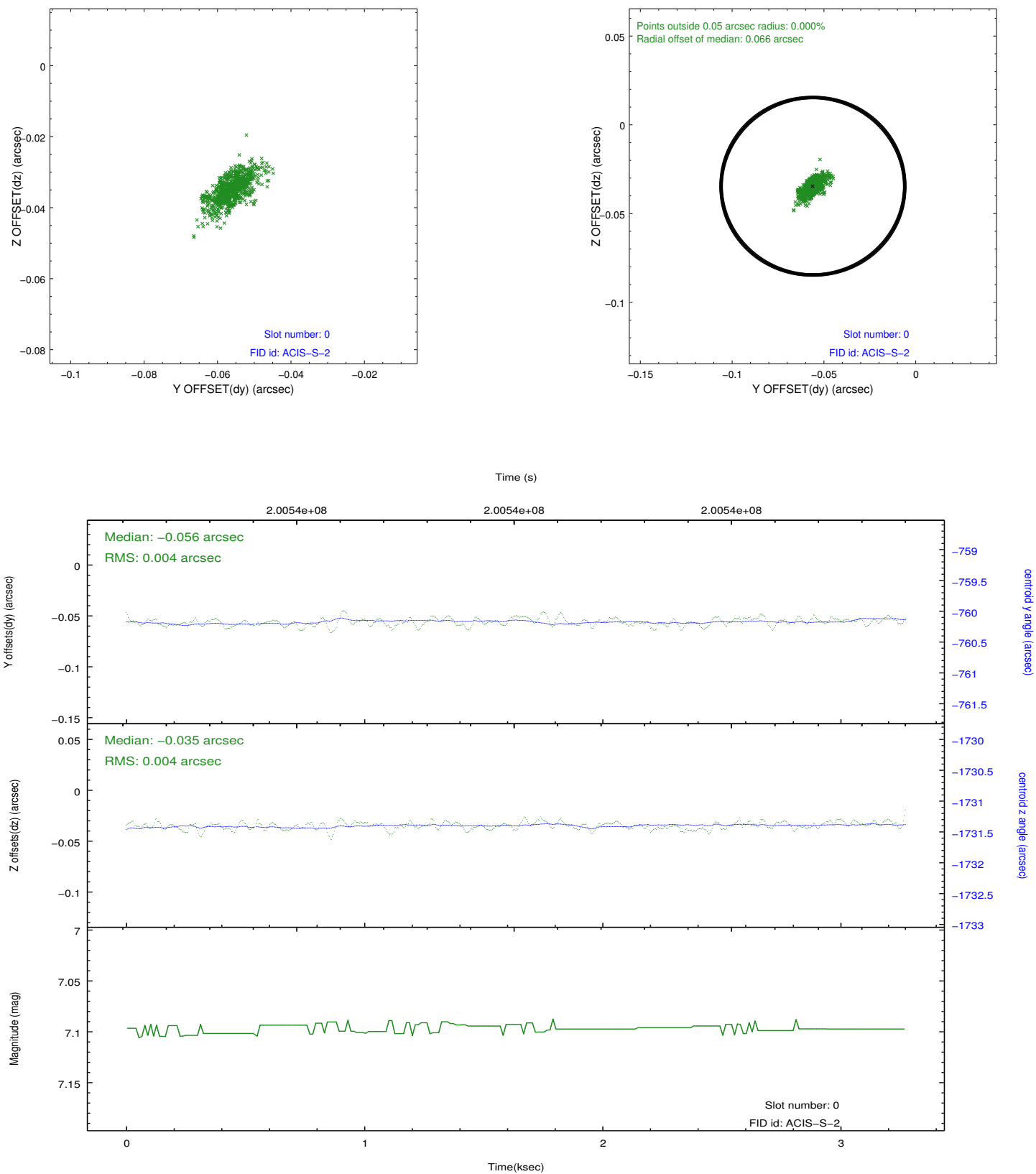


2.4.5 Slot 7

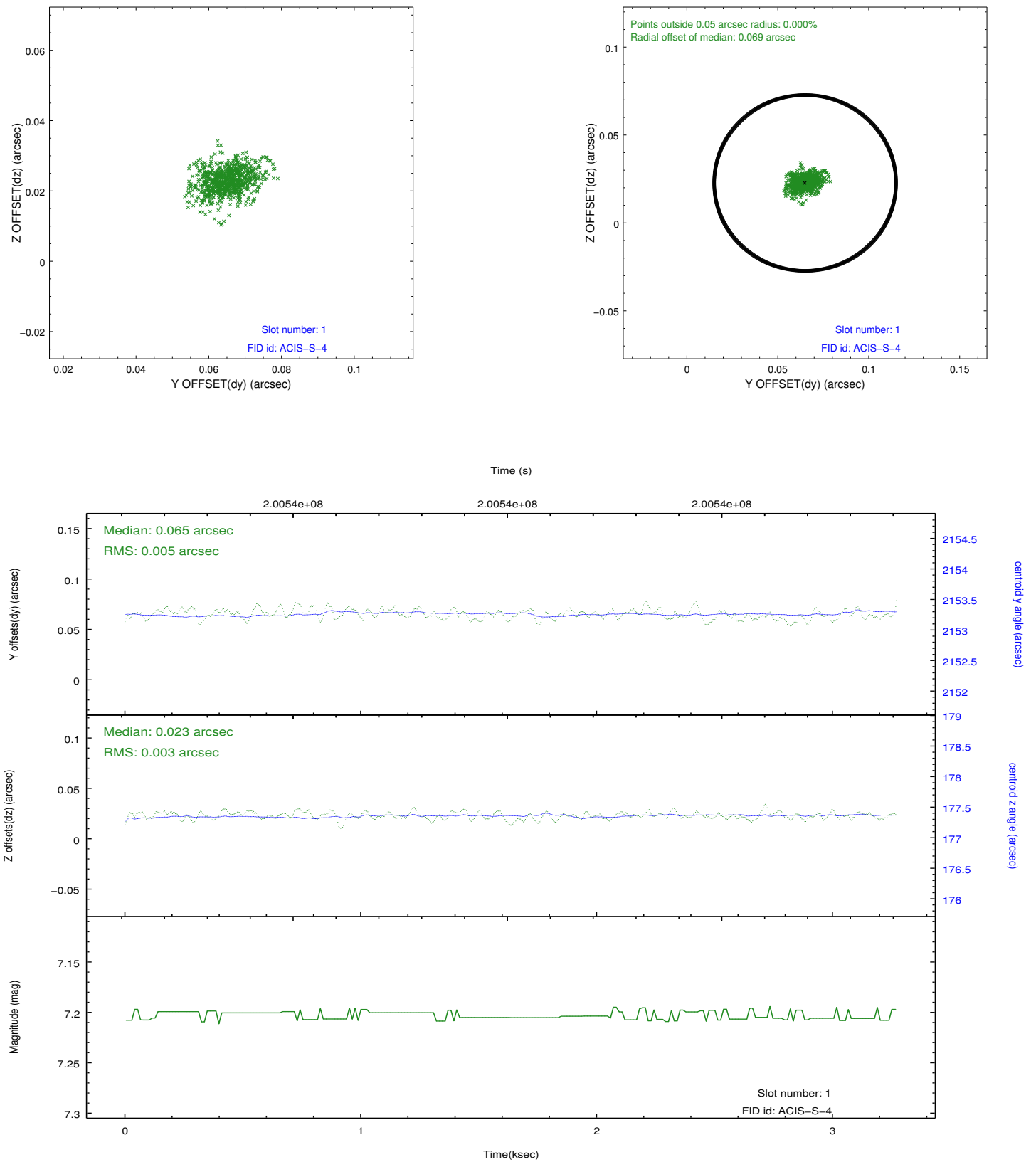


2.5 FID Slots

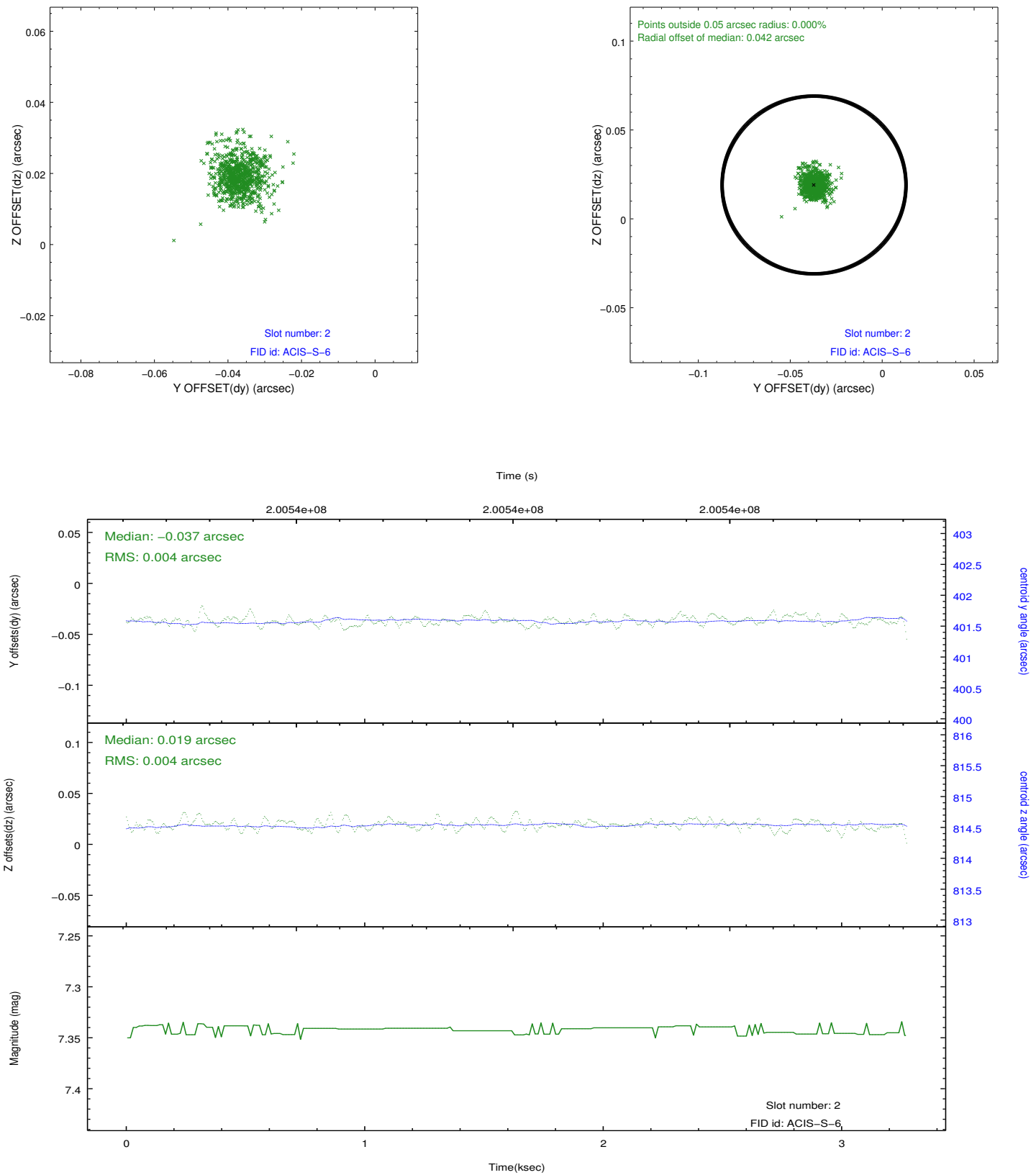
2.5.1 Slot 0



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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.828

A.2 Comments