

V&V Reference Report

L2 ASCDS Version : 8.5

Observation 4783 - L2 Version 3
Chandra X-Ray Center

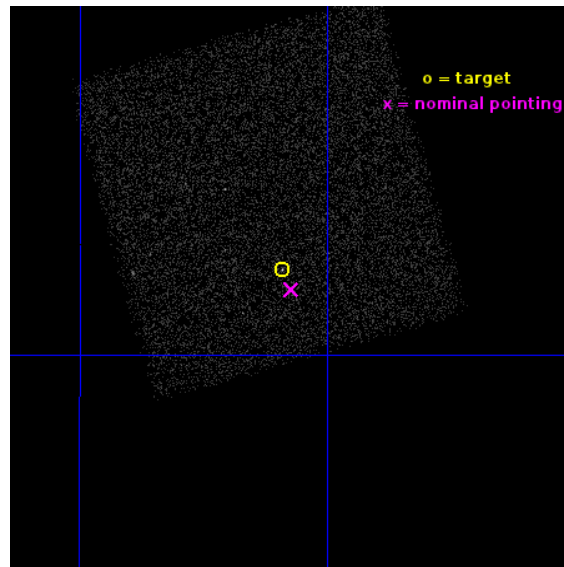
L2 Processing Date : Dec 6 2012

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1 Front

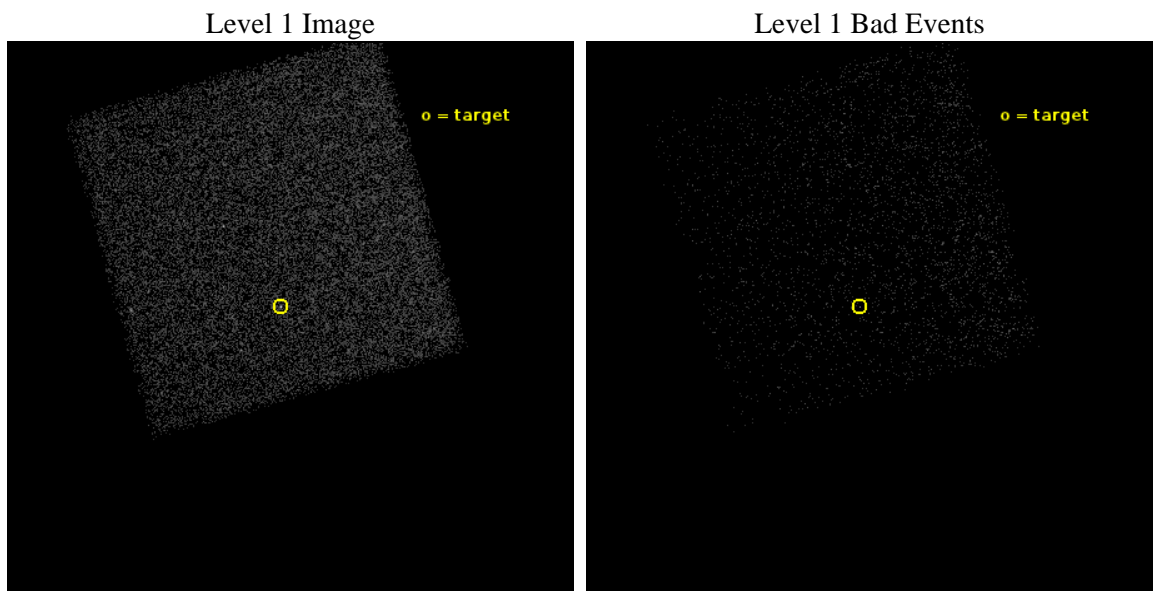
seq_num	700866	Sequence number
obs_id	4783	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1410-4555	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	212.772917	Observer's specified target RA [deg]
dec_targ	29.703306	Observer's specified target Dec [deg]
ra_nom	212.76811525728	Nominal RA [deg]
dec_nom	29.694648240029	Nominal Dec [deg]
roll_nom	254.3055100232	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4146.0	Sum of GTIs [s]
livetime	4090.0481414253	Livetime [s]
ontime7	4146.0	Sum of GTIs [s]
l2events	20084	Number of level 2 events



2 OBI

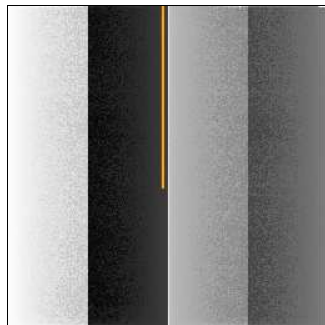
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3969.000000	[s] Scheduled observation exposure time
ascdsver	8.5	Processing system revision	ontime	4146.0	Sum of GTIs [s]
caldsver	4.5.4	 	ontime7	4146.0	Sum of GTIs [s]
date	2012-12-06T10:51:28	Date and time of file creation	l1events	46634	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

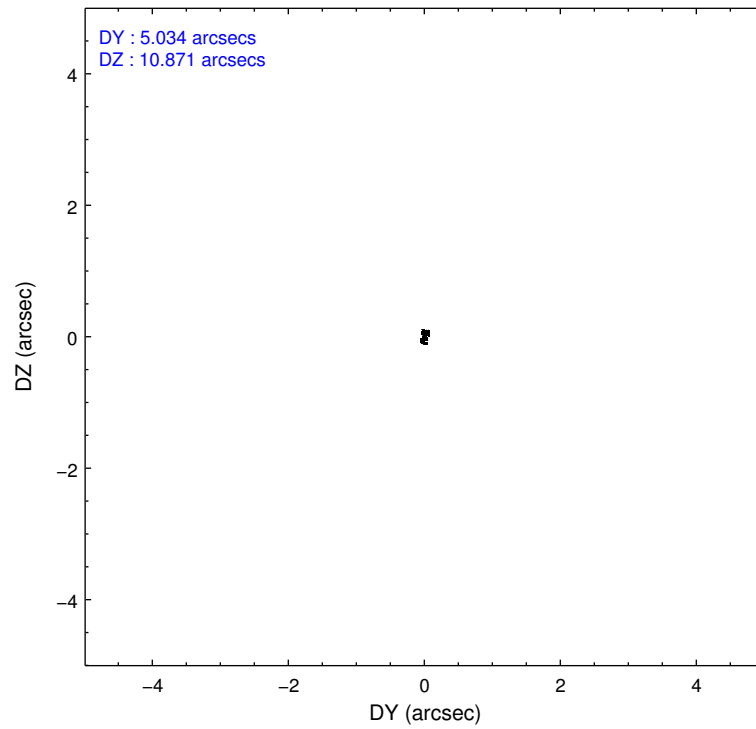
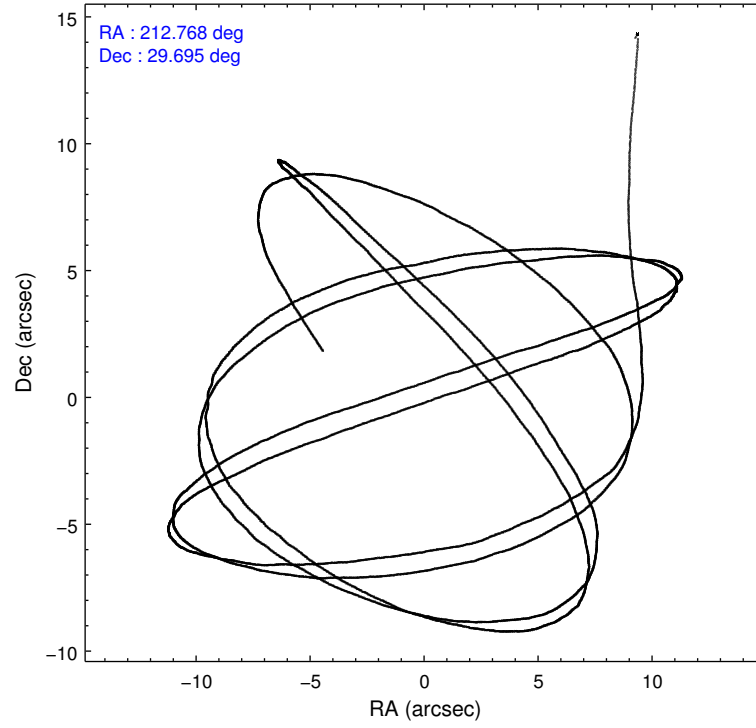
	ccd 7
level 1 events	46634
rejected events	26102
rejected %	55%

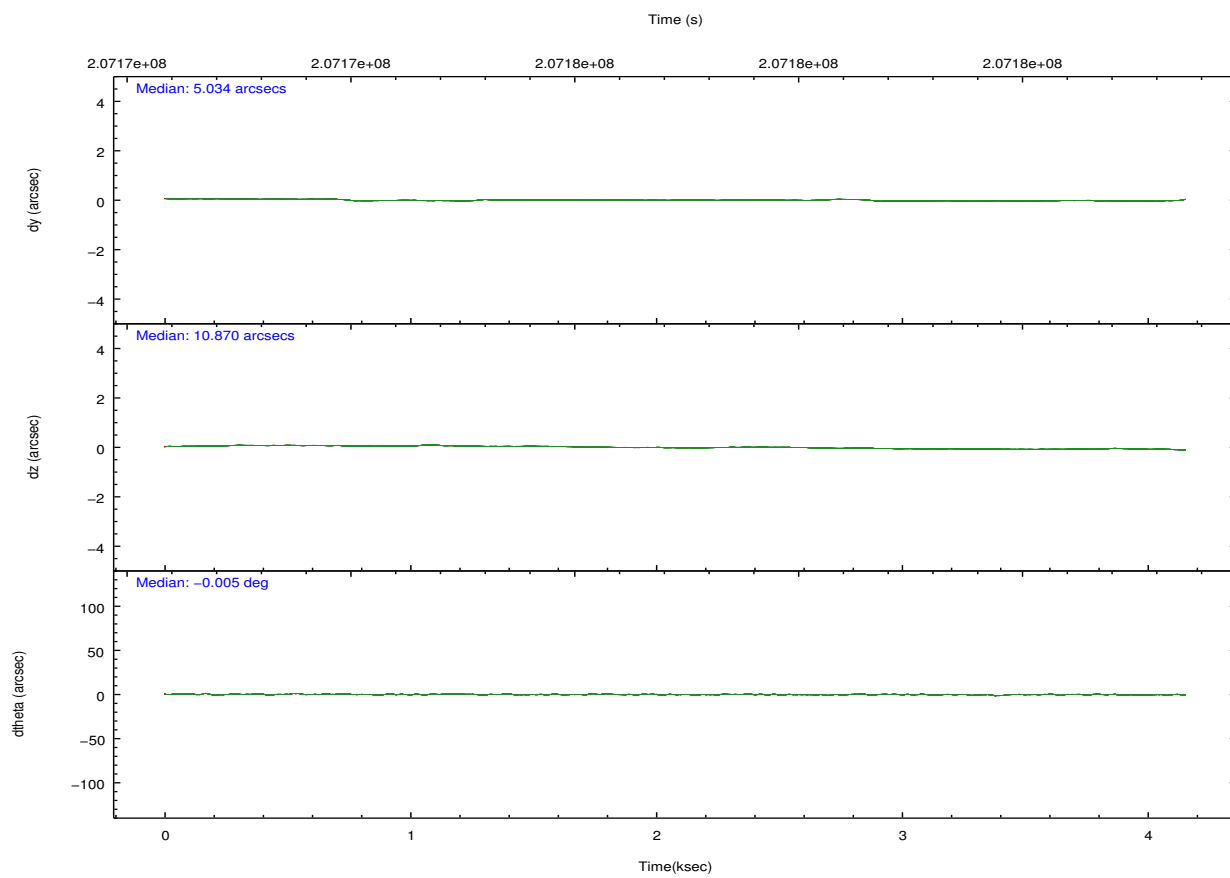
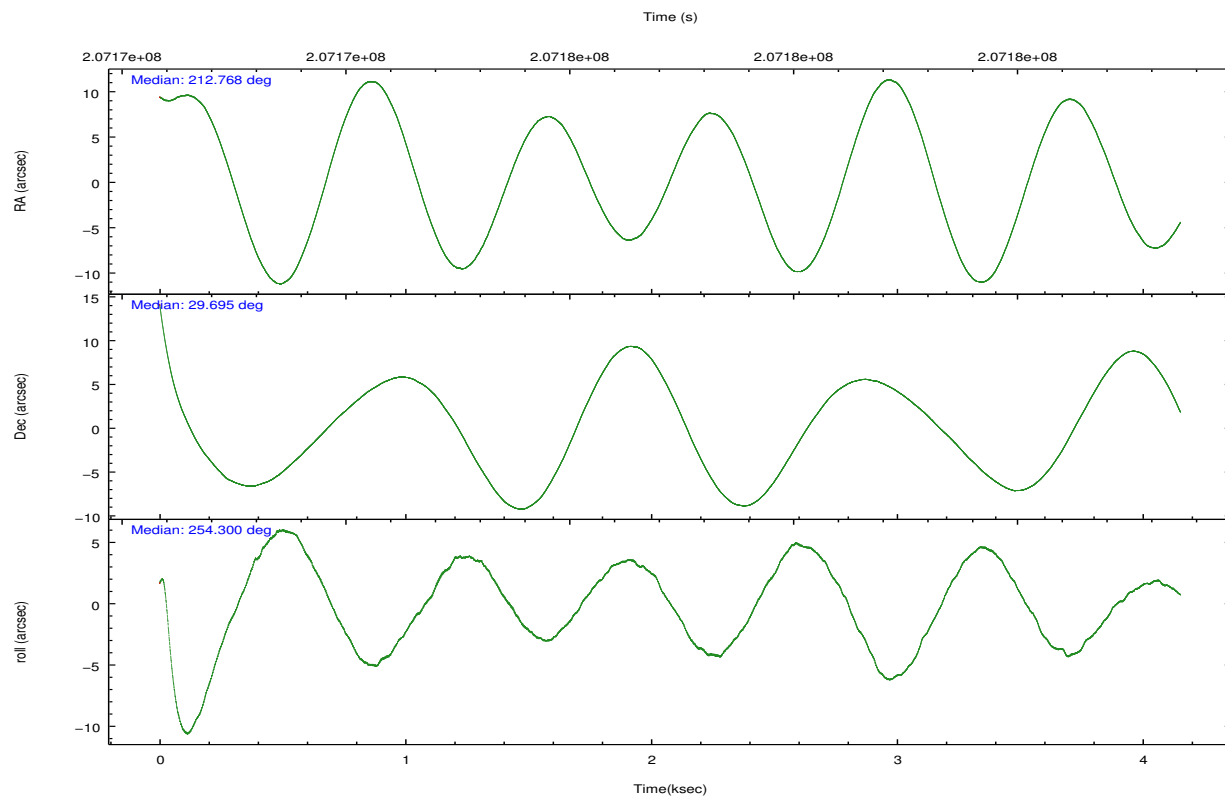
	ccd 7
grade 0 events	2305
	4%
grade 1 events	40
	0%
grade 2 events	4560
	9%
grade 3 events	2067
	4%
grade 4 events	2005
	4%
grade 5 events	4100
	8%
grade 6 events	11191
	23%
grade 7 events	20366
	43%

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	212.759918	212.7681152572785	Subarray requested	NONE	NONE
[deg] Pointing Dec	29.720898	29.69464824002941	Alternating exposures requested	N	N
[deg] Pointing Roll	254.152905	254.3055100232028	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	207173558.184000	207172664.04666			
Observation start date	2004-07-25T20:11:34	2004-07-25T19:57:44			
[s] Observation end time (MET)	207177527.184000	207178049.3969			
Observation end date	2004-07-25T21:17:43	2004-07-25T21:27:29			
Read mode	TIMED	TIMED			

2.3 Aspect



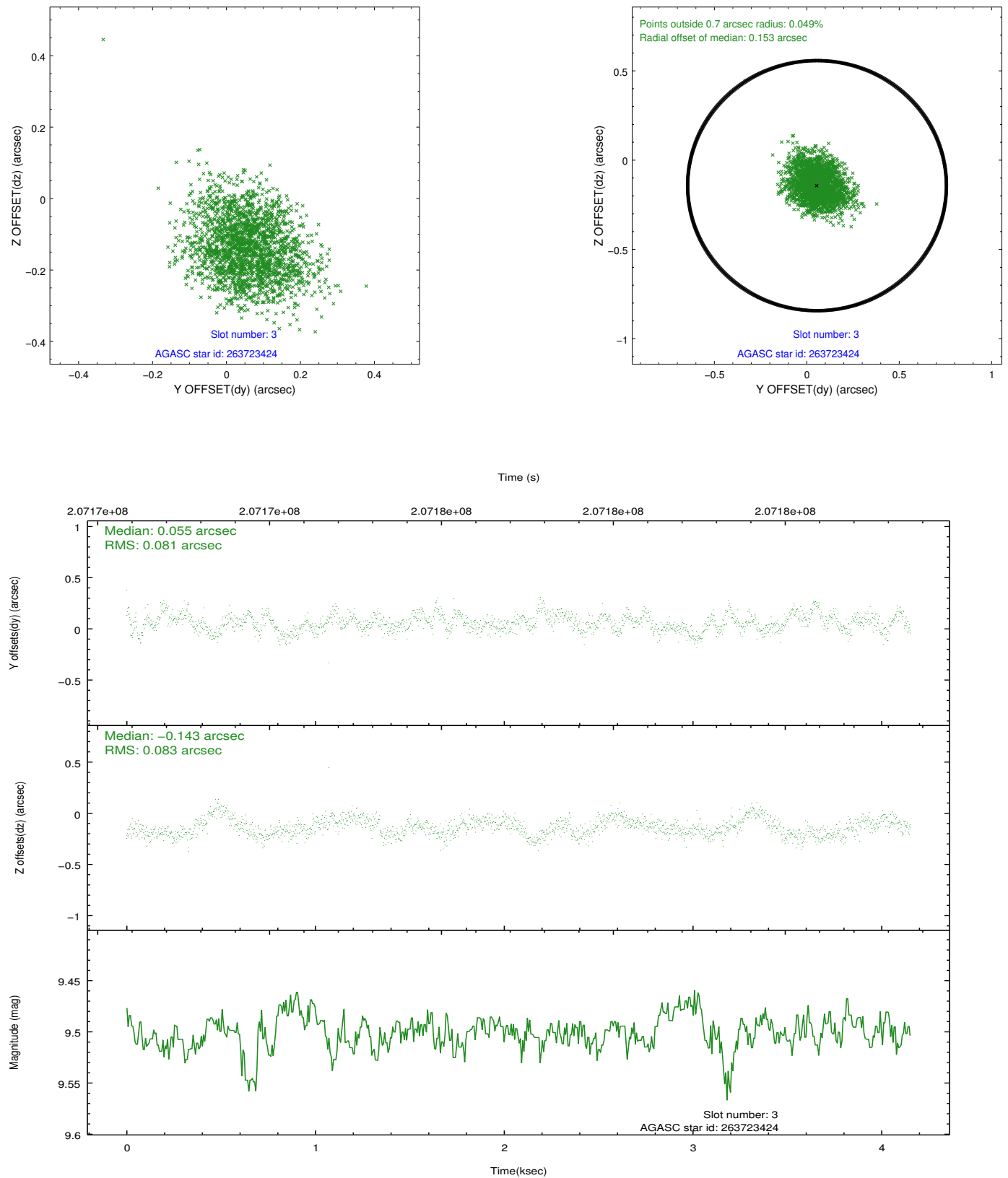


Slot Statistics

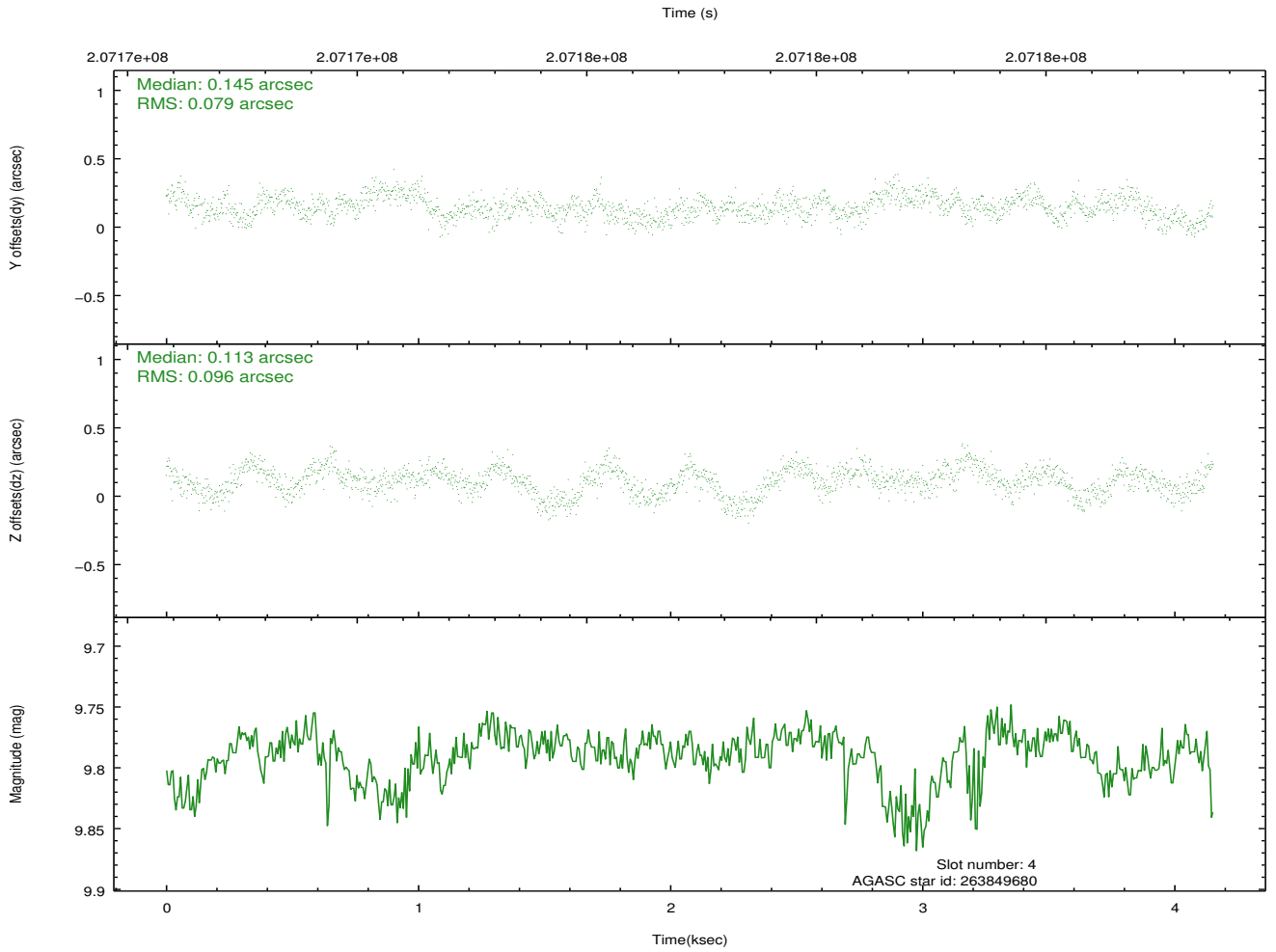
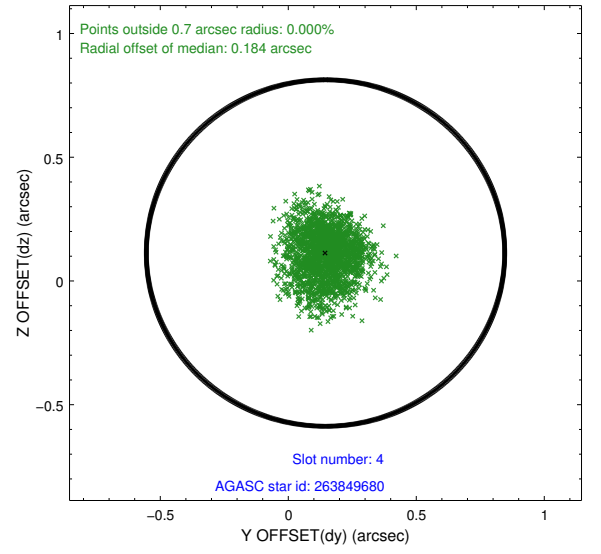
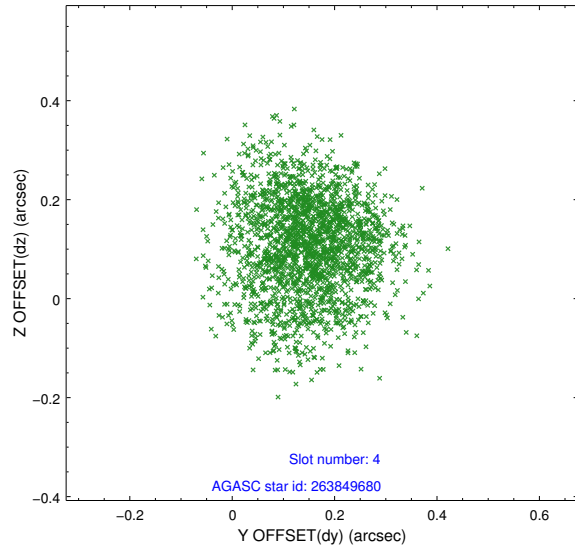
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1014	-0.065	-0.024	0.006	0.010	0.000000	0.000000	-757.77	-1732.12
1	FID	ACIS-S-4	7.20	1014	0.113	0.038	0.006	0.011	0.000000	0.000000	2154.98	174.91
2	FID	ACIS-S-5	7.23	1014	-0.079	-0.005	0.006	0.011	0.000000	0.000000	-1808.73	170.19
3	GUIDE	263723424	9.50	2027	0.055	-0.143	0.125	0.197	211.868882	29.418833	1799.51	-2393.64
4	GUIDE	263849680	9.79	2021	0.145	0.113	0.136	0.215	212.915056	29.396640	991.12	786.06
5	GUIDE	263850448	9.89	1986	0.073	-0.090	0.129	0.205	212.839352	29.594956	369.13	363.67
6	GUIDE	333716008	8.97	2026	-0.040	0.037	0.084	0.133	213.233857	30.110972	-1756.47	1035.54
7	GUIDE	333717496	7.80	2026	-0.234	0.083	0.077	0.117	213.487823	30.217182	-2345.16	1687.23

2.4 Star Slots

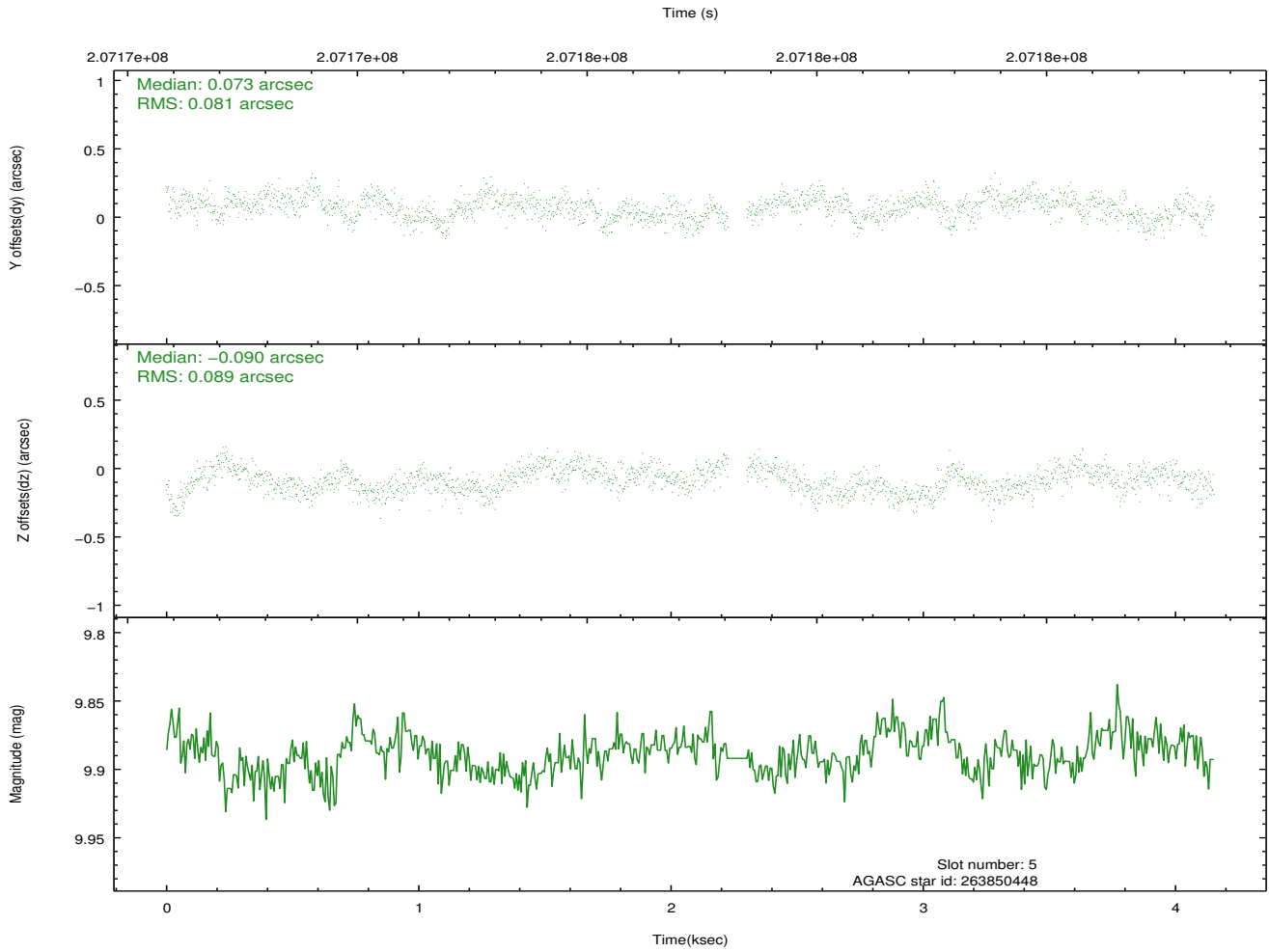
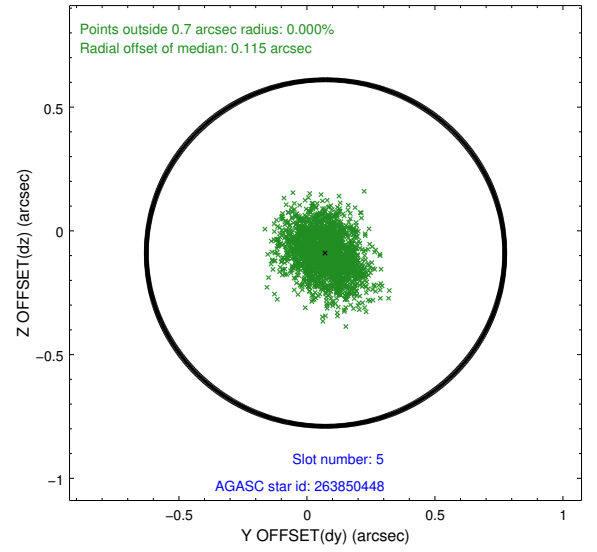
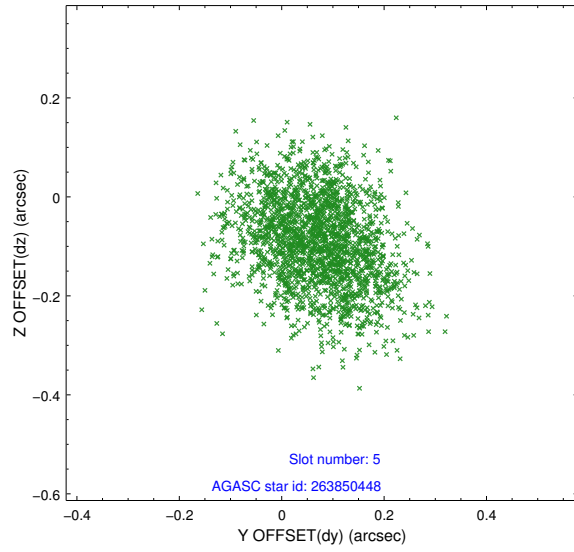
2.4.1 Slot 3



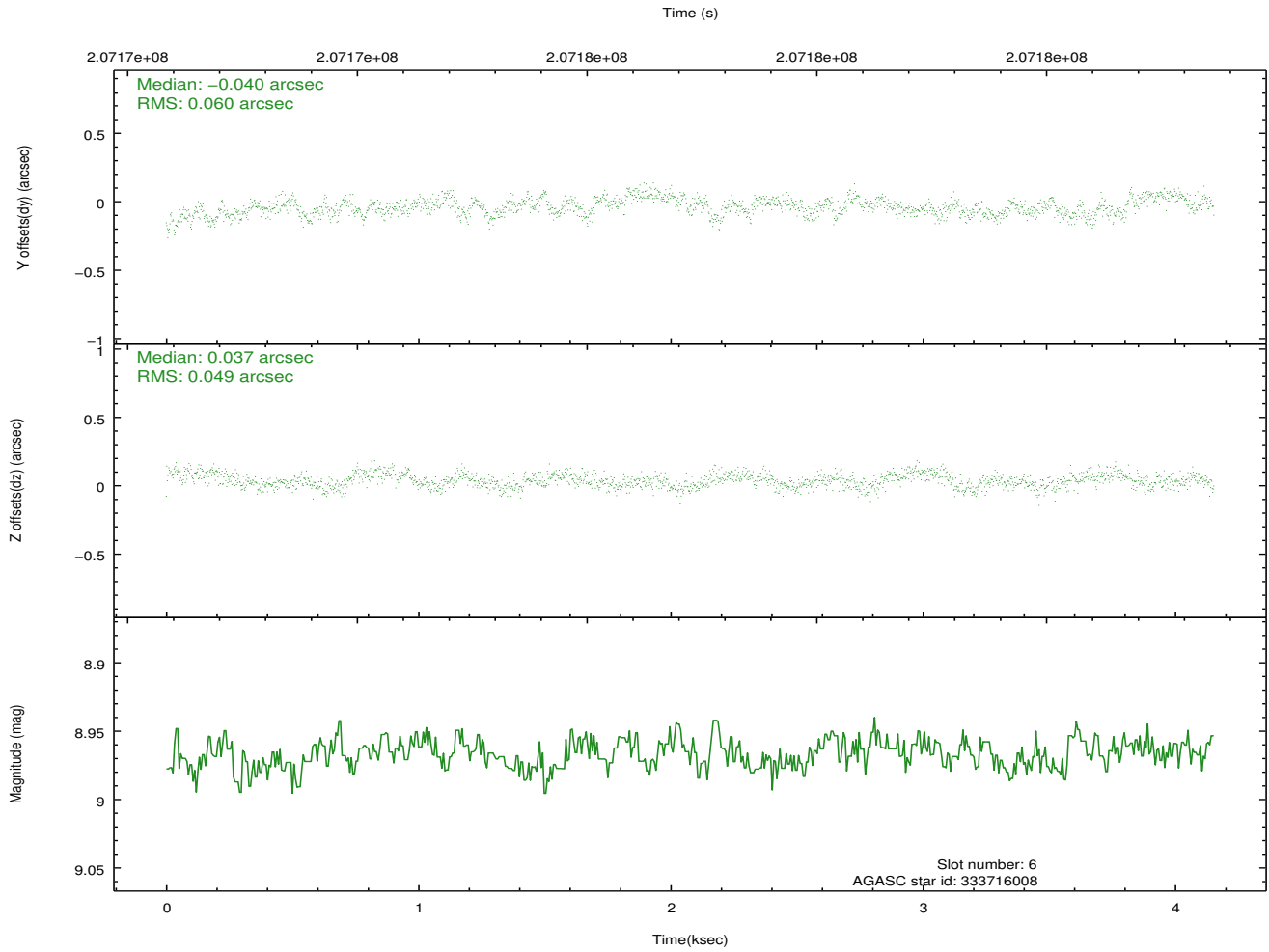
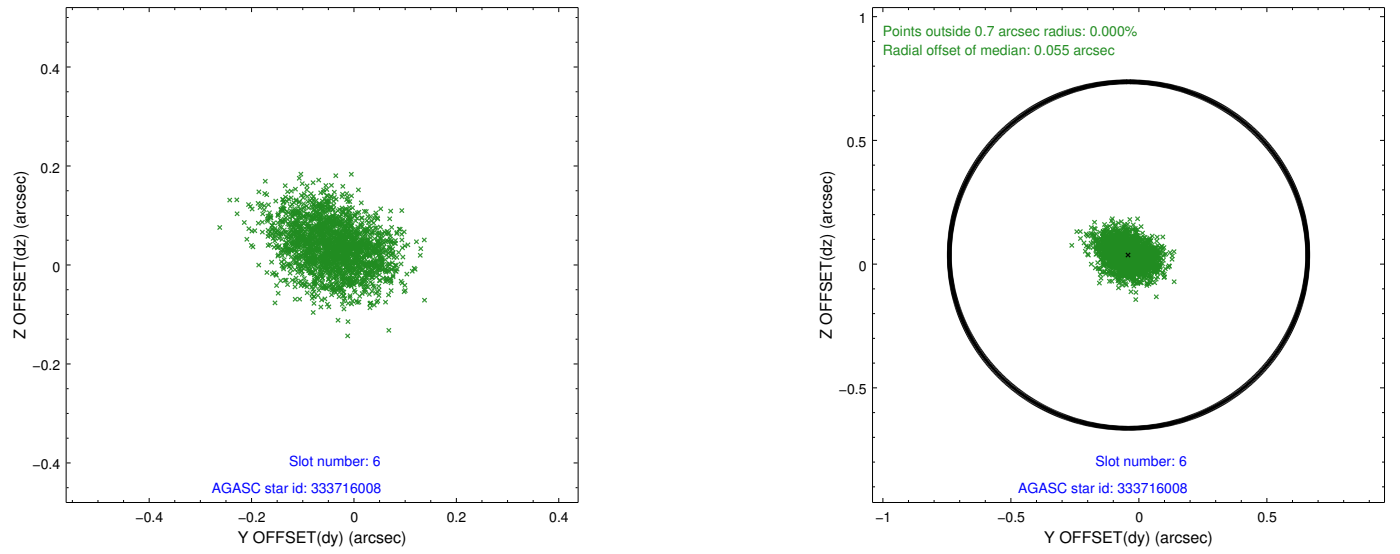
2.4.2 Slot 4



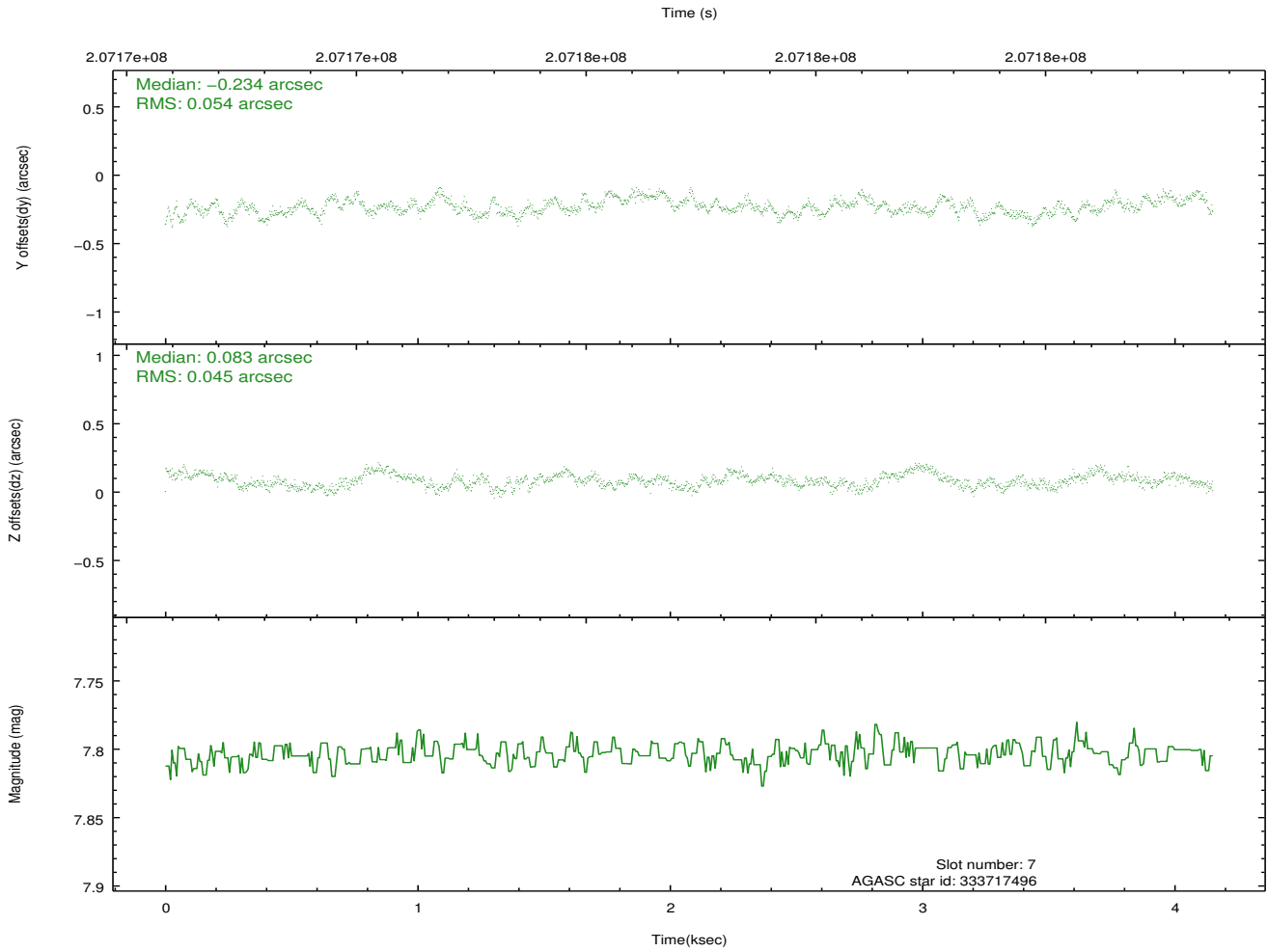
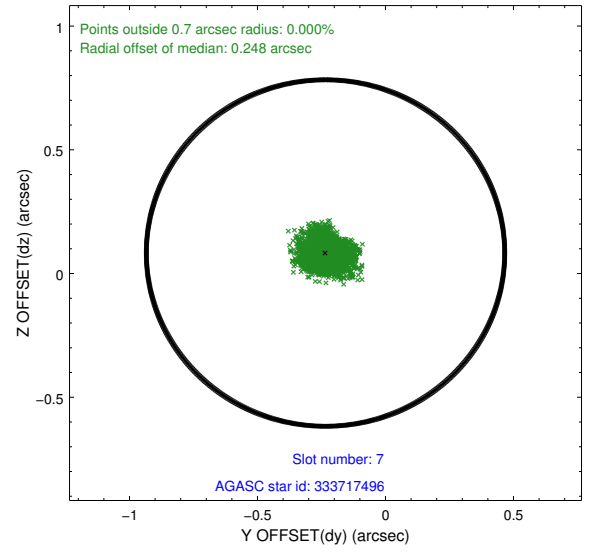
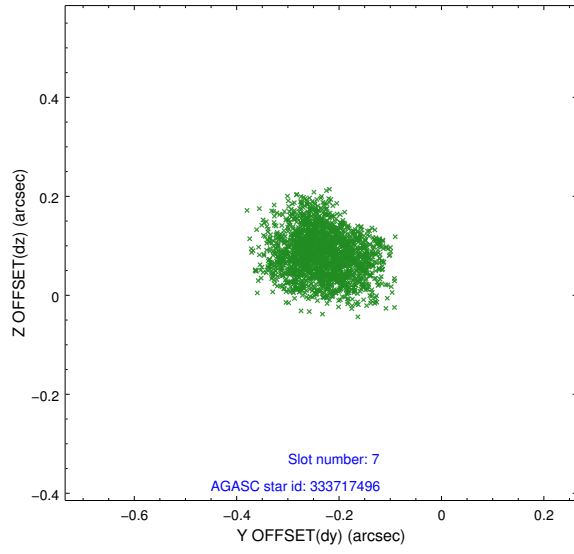
2.4.3 Slot 5



2.4.4 Slot 6

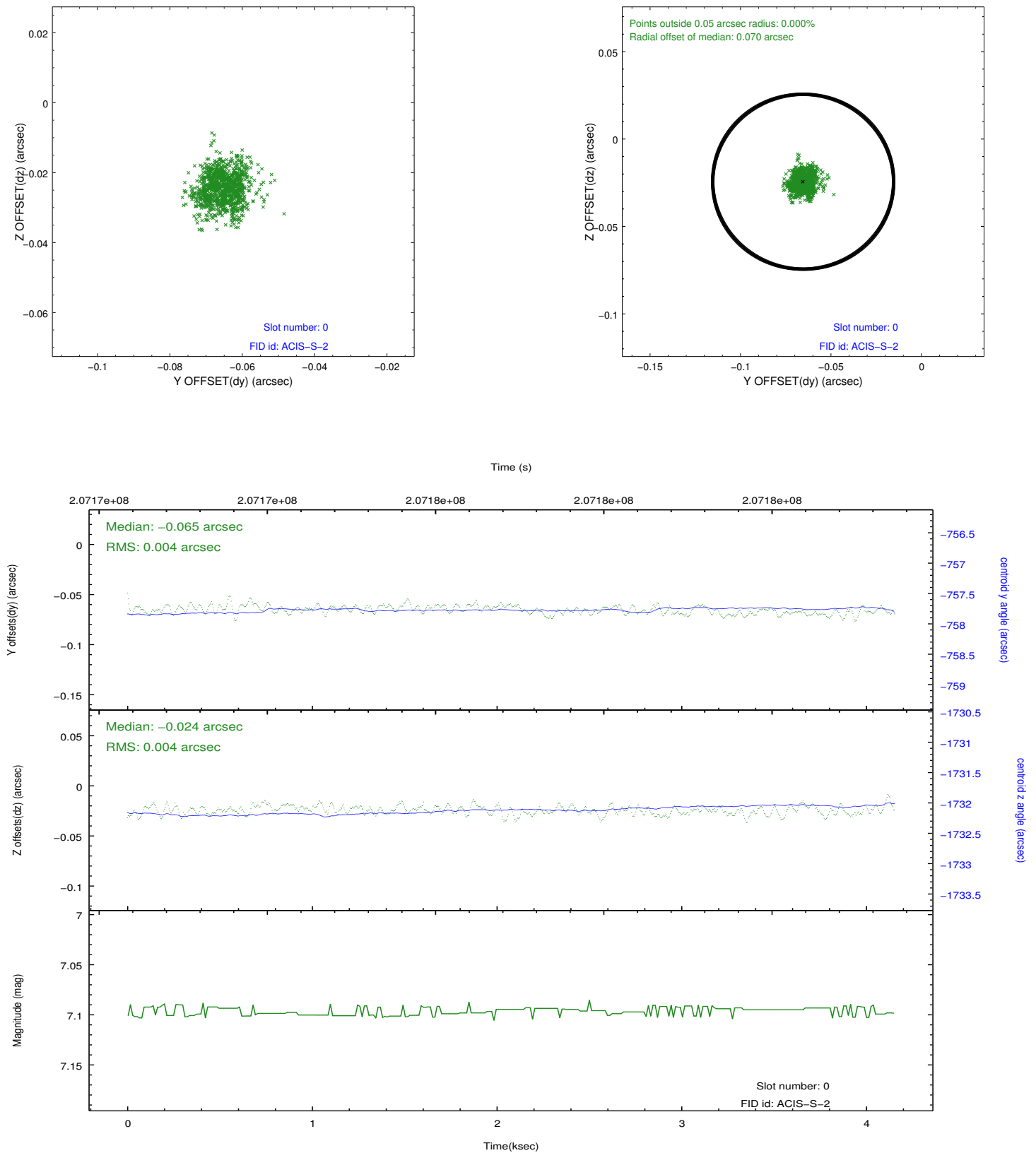


2.4.5 Slot 7

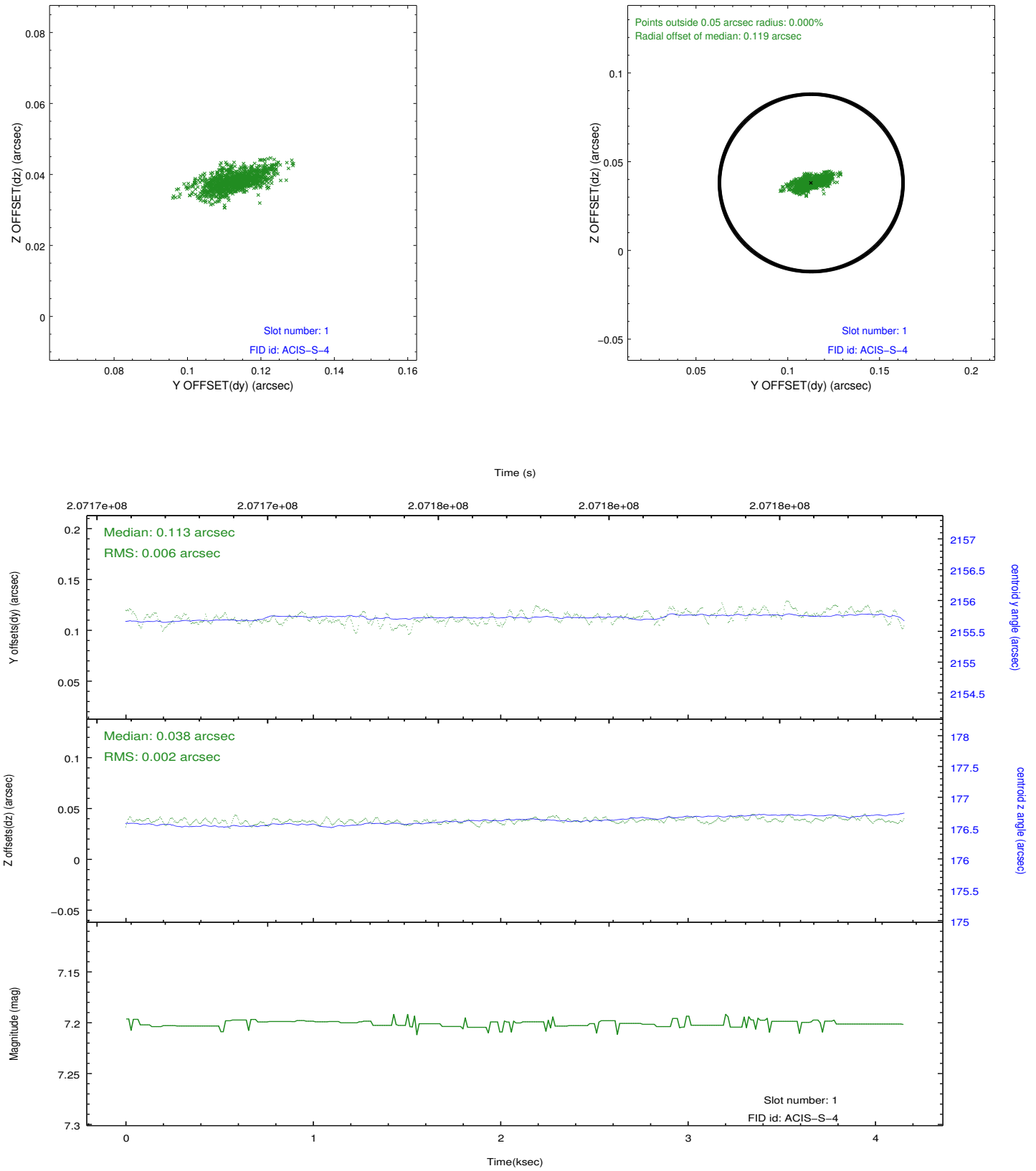


2.5 FID Slots

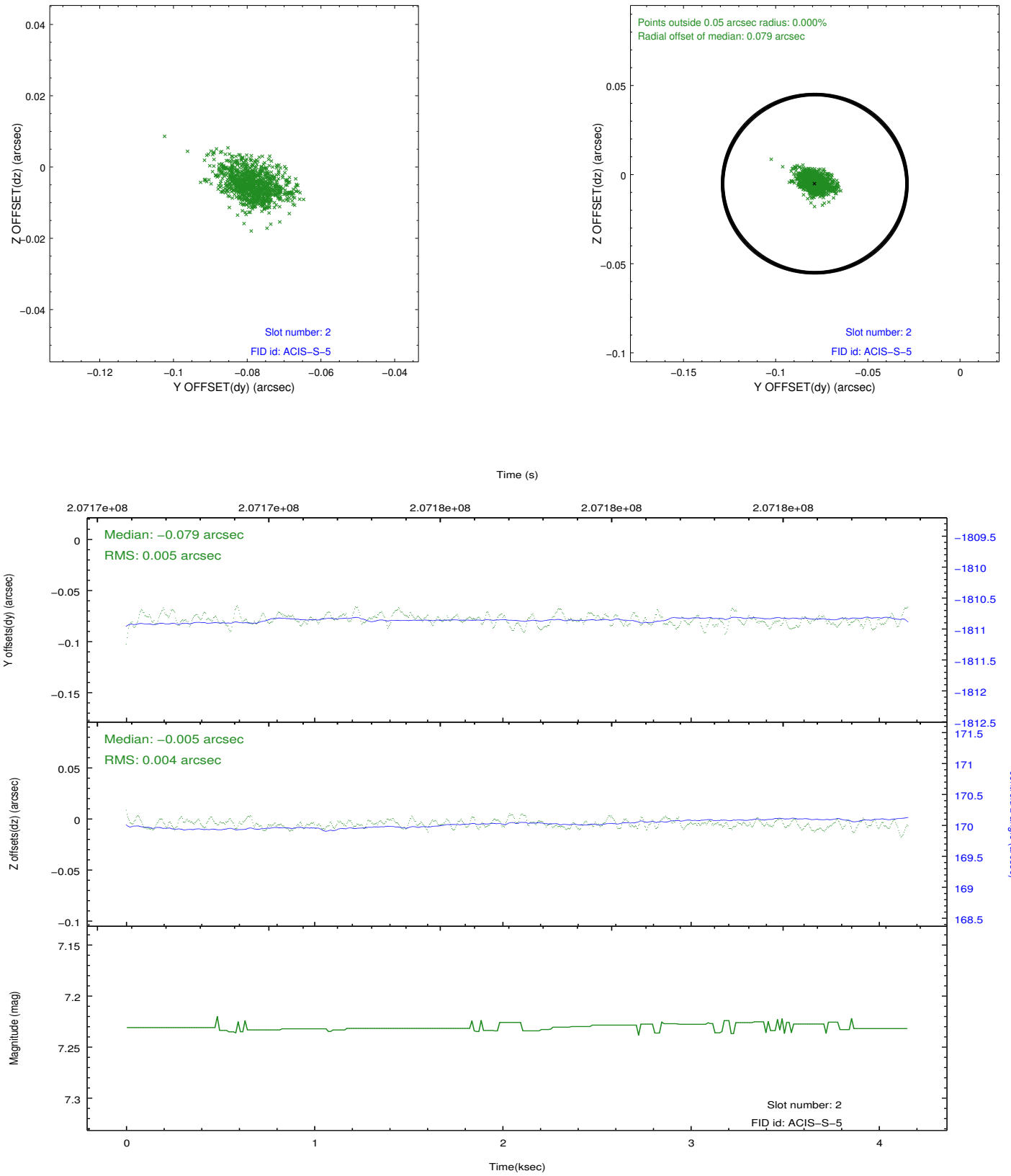
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.146

A.2 Comments