

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5445 - L2 Version 2
Chandra X-Ray Center

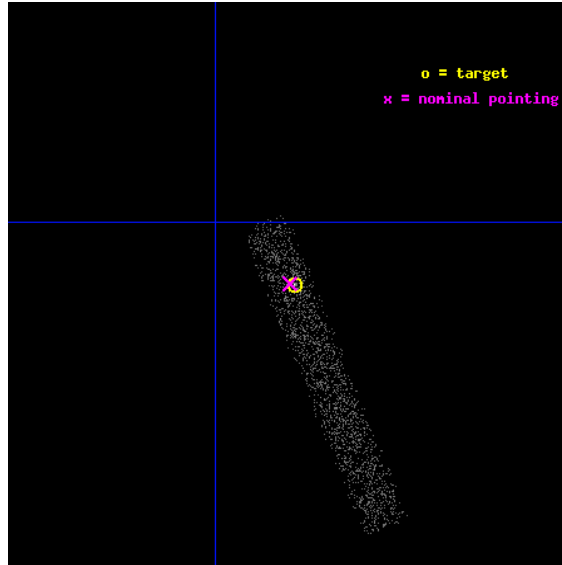
L2 Processing Date : Mar 24 2012

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1 Front

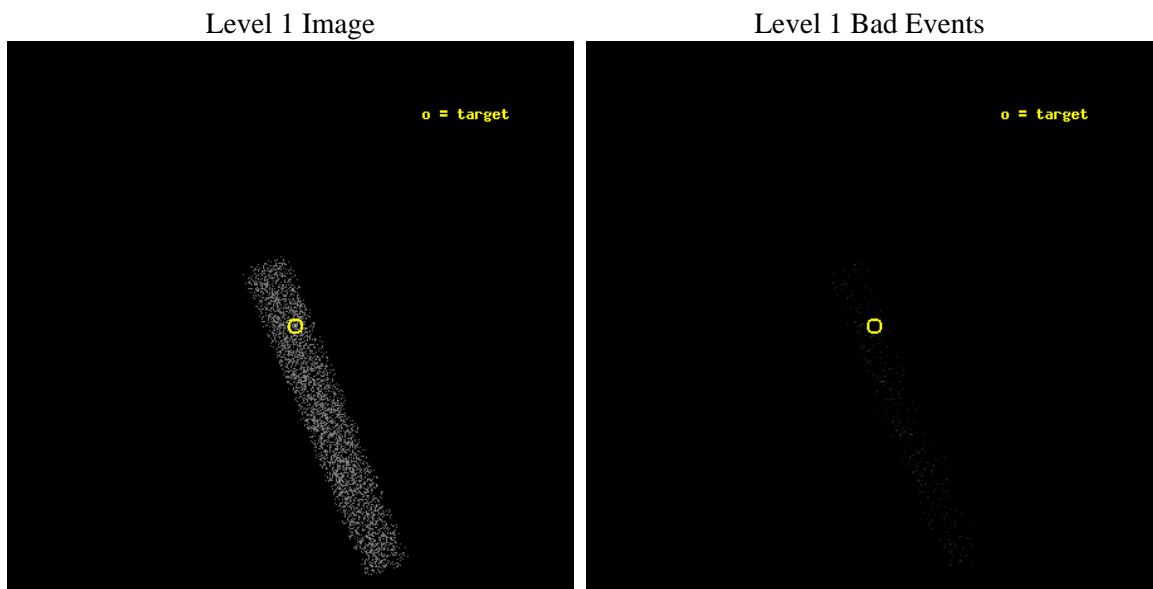
seq_num	300161	Sequence number
obs_id	5445	Observation id
title	Supersoft X-rays from the VY Scl type stars	Proposal title
observer	Dr. Peter Predehl	Principal investigator
object	V504 Cen	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	213.204583	Observer's specified target RA [deg]
dec_targ	-40.360278	Observer's specified target Dec [deg]
ra_nom	213.20727653255	Nominal RA [deg]
dec_nom	-40.359885946537	Nominal Dec [deg]
roll_nom	67.665305915801	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3123.6000465155	Sum of GTIs [s]
livetime	2832.9403650603	Livetime [s]
ontime7	3123.6000465155	Sum of GTIs [s]
l2events	2300	Number of level 2 events



2 OBI

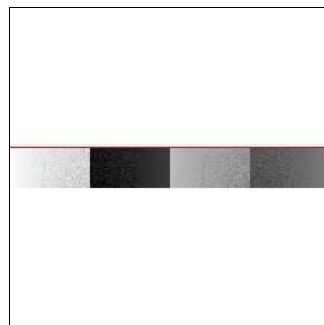
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3.1	Processing system revision	ontime	3123.6000465155	Sum of GTIs [s]
caldsver	4.4.8	 	ontime7	3123.6000465155	Sum of GTIs [s]
date	2012-03-25T00:07:51	Date and time of file creation	l1events	6597	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

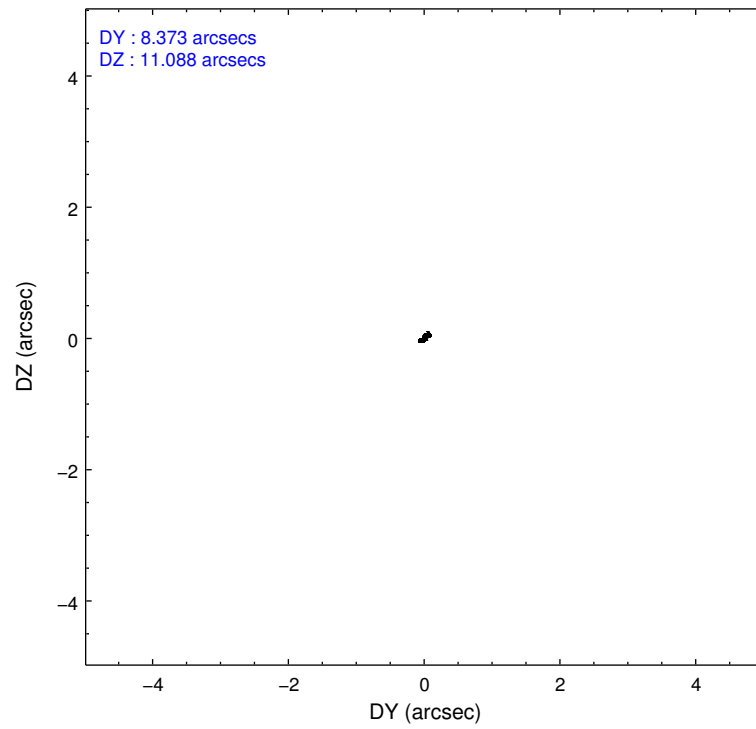
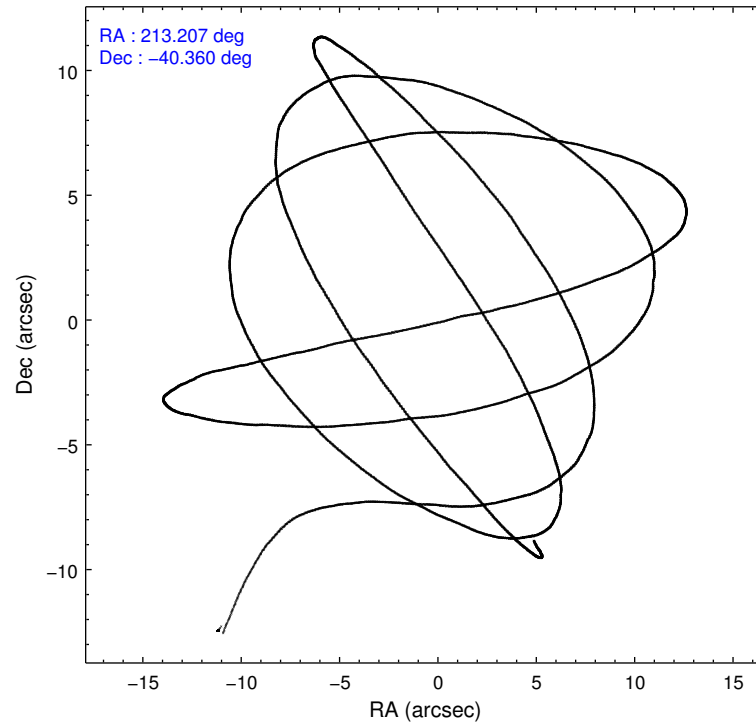
	ccd 7
level 1 events	6597
rejected events	4197
rejected %	63%

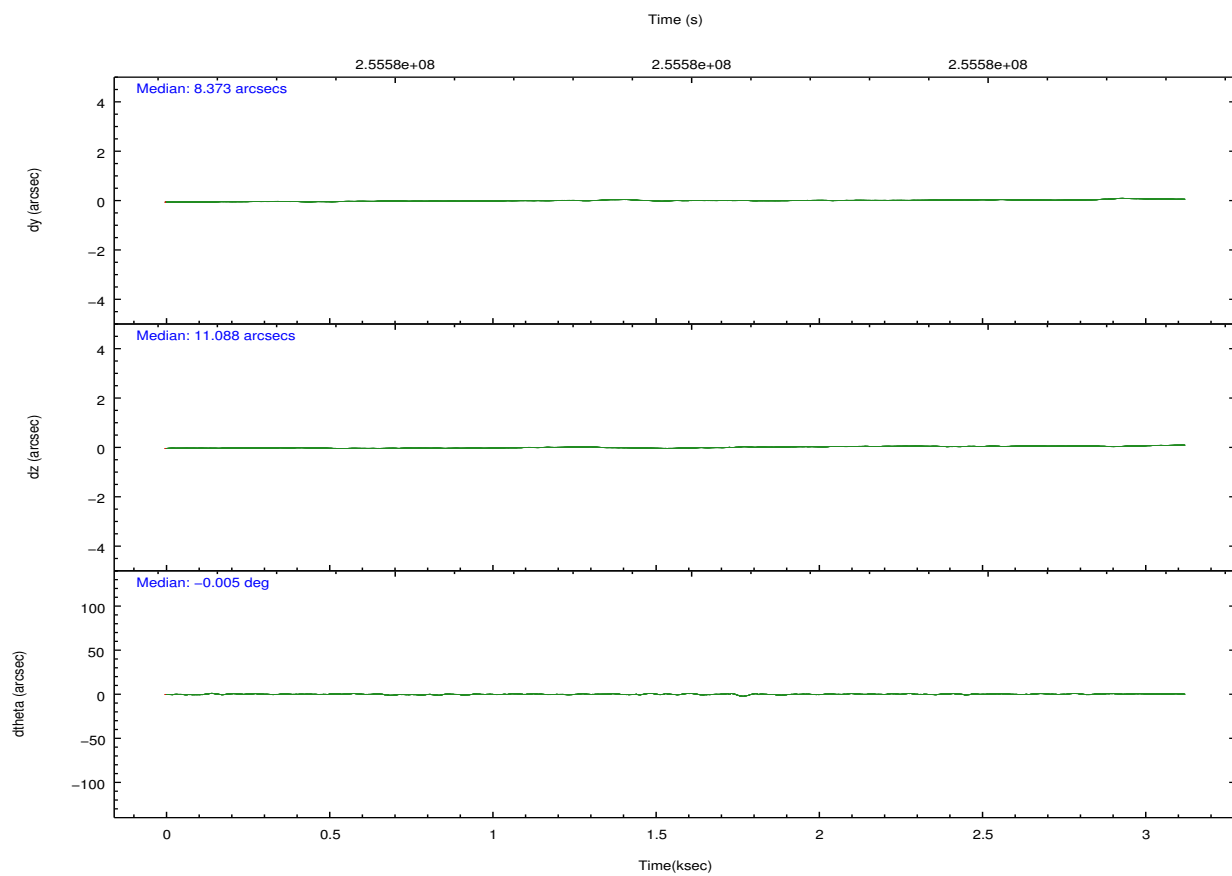
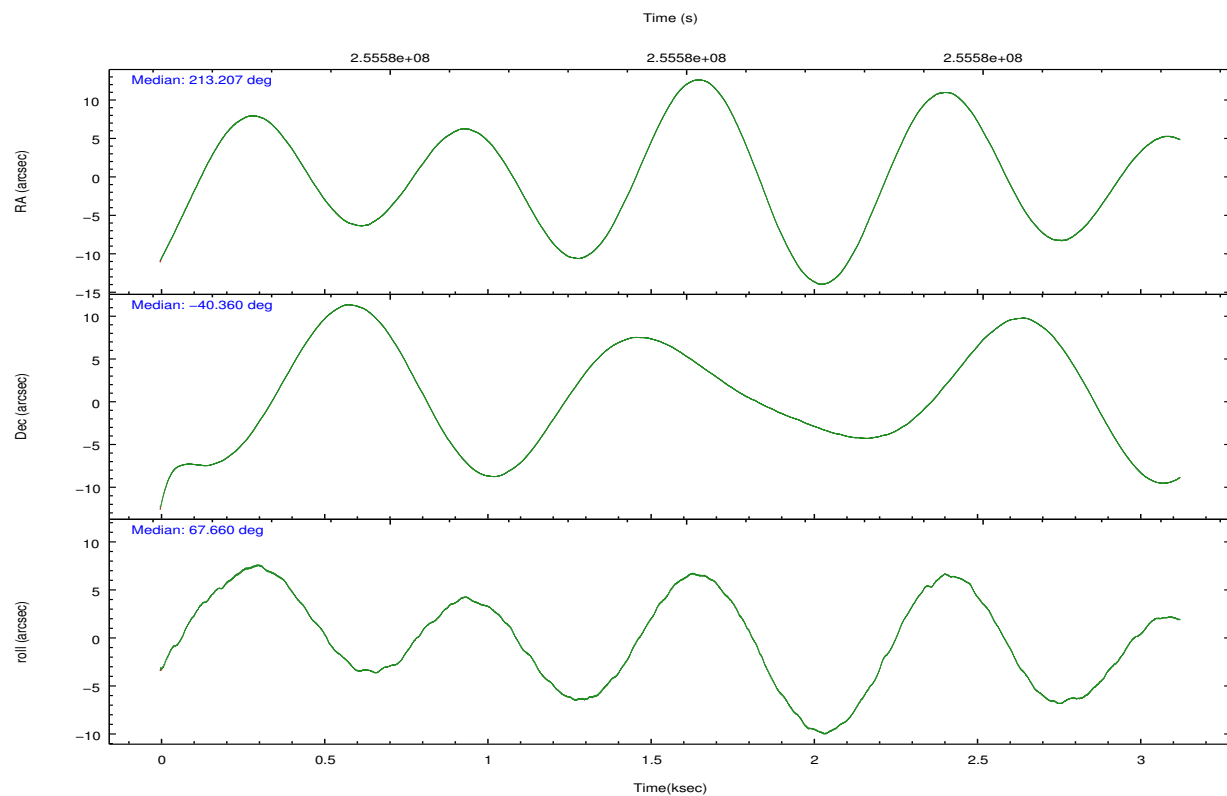
	ccd 7
grade 0 events	389
	5%
grade 1 events	19
	0%
grade 2 events	637
	9%
grade 3 events	423
	6%
grade 4 events	399
	6%
grade 5 events	618
	9%
grade 6 events	1345
	20%
grade 7 events	2767
	41%

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	213.212482	213.2072765325536	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-40.386697	-40.35988594653714	Subarray start row	449	449
[deg] Pointing Roll	67.512050	67.66530591580127	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	255582505.184000	255581259.13561			
Observation start date	2006-02-06T03:07:20	2006-02-06T02:47:39			
[s] Observation end time (MET)	255585505.184000	255586070.99833			
Observation end date	2006-02-06T03:57:20	2006-02-06T04:07:50			
Read mode	TIMED	TIMED			

2.3 Aspect



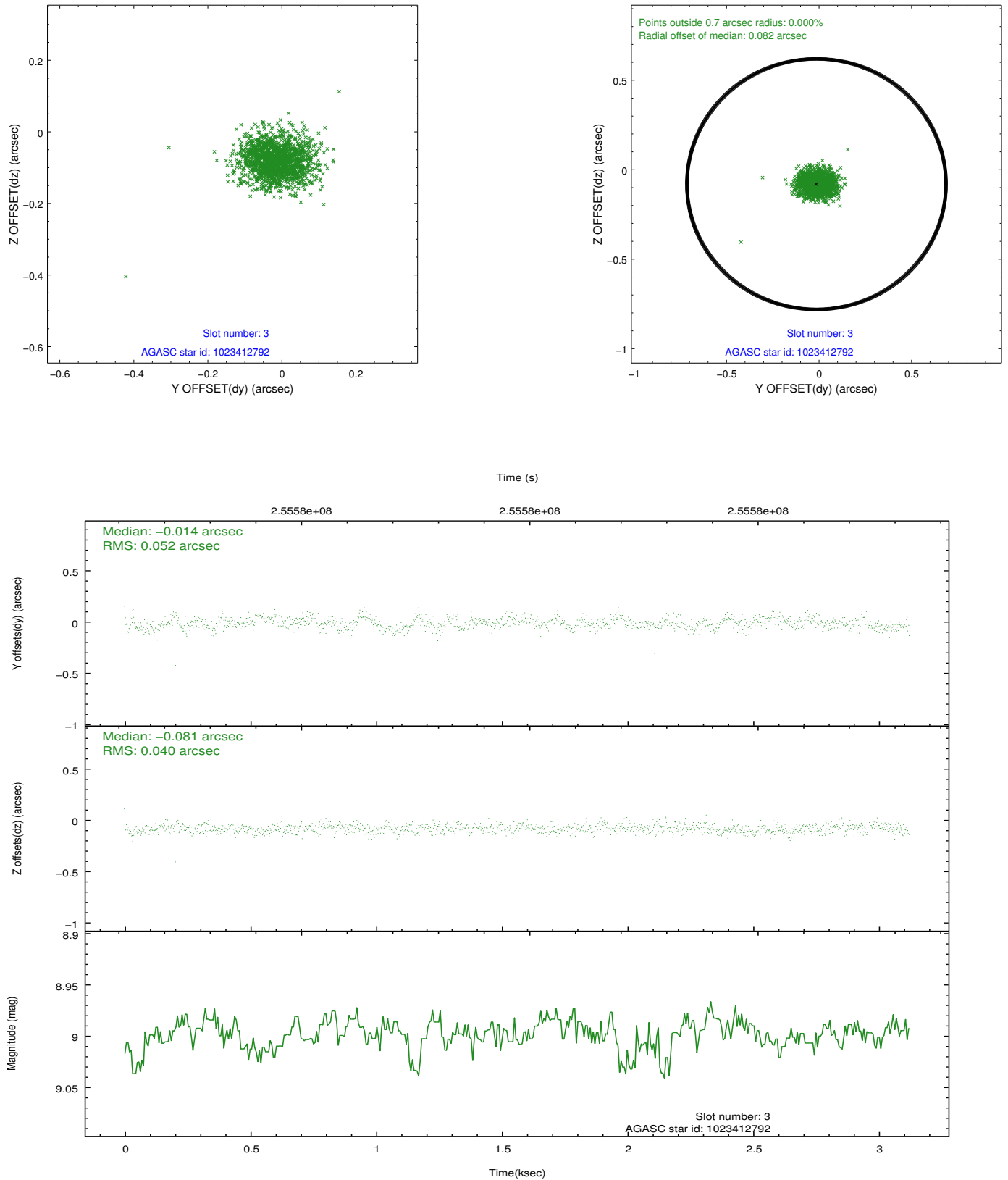


Slot Statistics

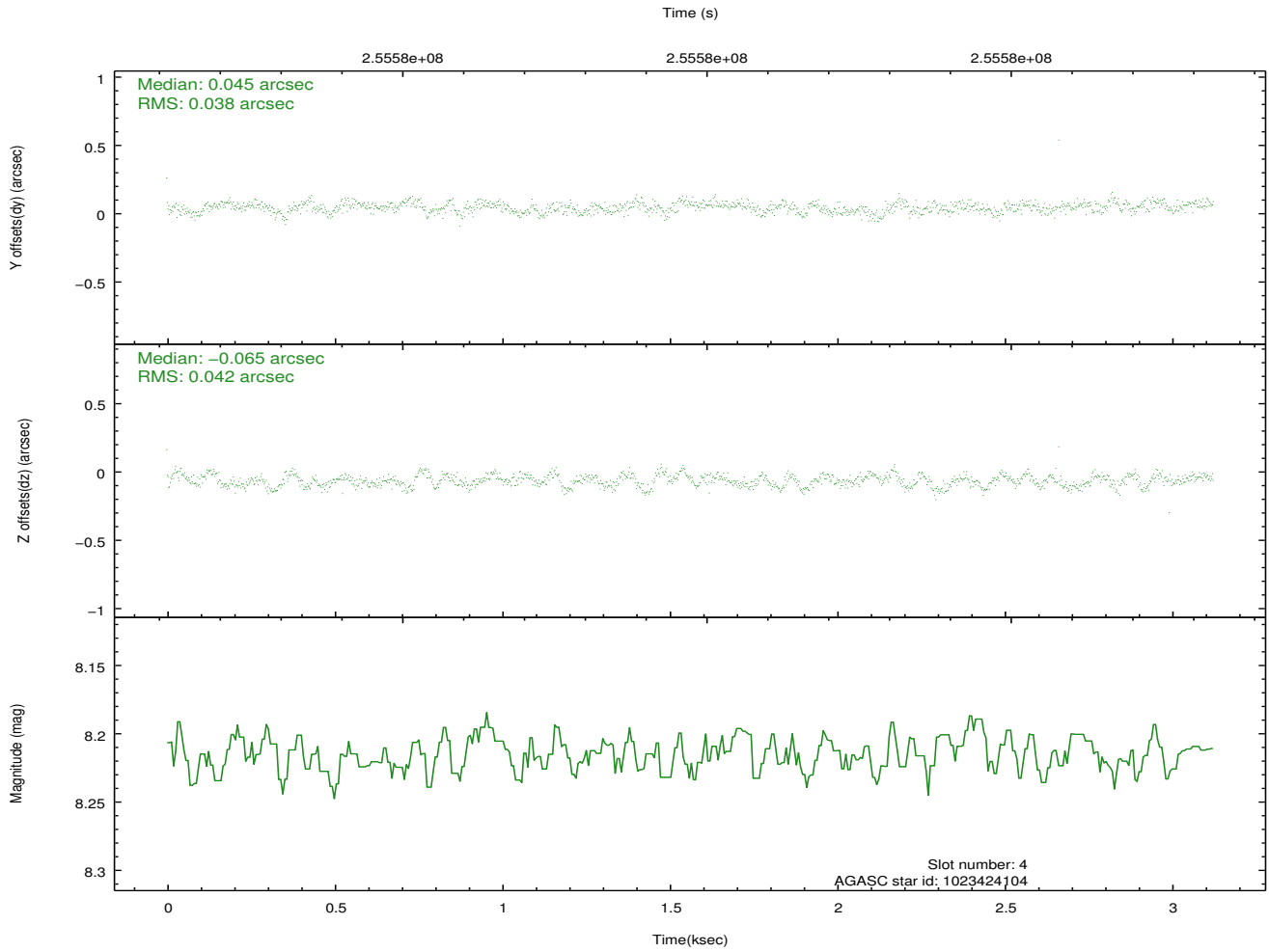
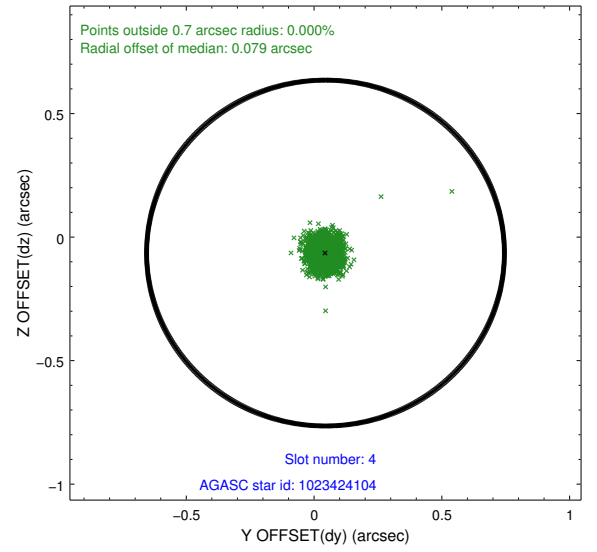
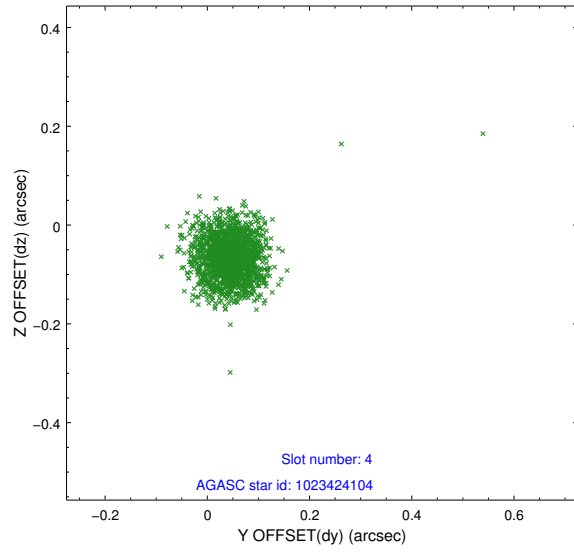
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	763	0.022	-0.072	0.007	0.011	0.000000	0.000000	934.89	-1728.02
1	FID	ACIS-S-4	7.21	763	0.096	0.044	0.006	0.010	0.000000	0.000000	2153.51	174.15
2	FID	ACIS-S-5	7.22	762	-0.145	0.041	0.006	0.011	0.000000	0.000000	-1811.52	170.05
3	GUIDE	1023412792	9.00	1525	-0.014	-0.081	0.067	0.111	213.187673	-39.790704	1956.66	884.41
4	GUIDE	1023424104	8.21	1523	0.045	-0.065	0.059	0.095	213.342801	-39.978593	1496.53	230.65
5	GUIDE	1023427448	7.77	1525	-0.046	0.277	0.065	0.106	213.815169	-40.100247	1583.74	-1139.98
6	GUIDE	1023430952	7.21	1525	0.162	0.115	0.063	0.101	213.229579	-40.833487	-1466.58	-658.72
7	GUIDE	1023411192	7.87	1523	-0.148	-0.243	0.053	0.085	212.675124	-39.715421	1658.79	2297.43

2.4 Star Slots

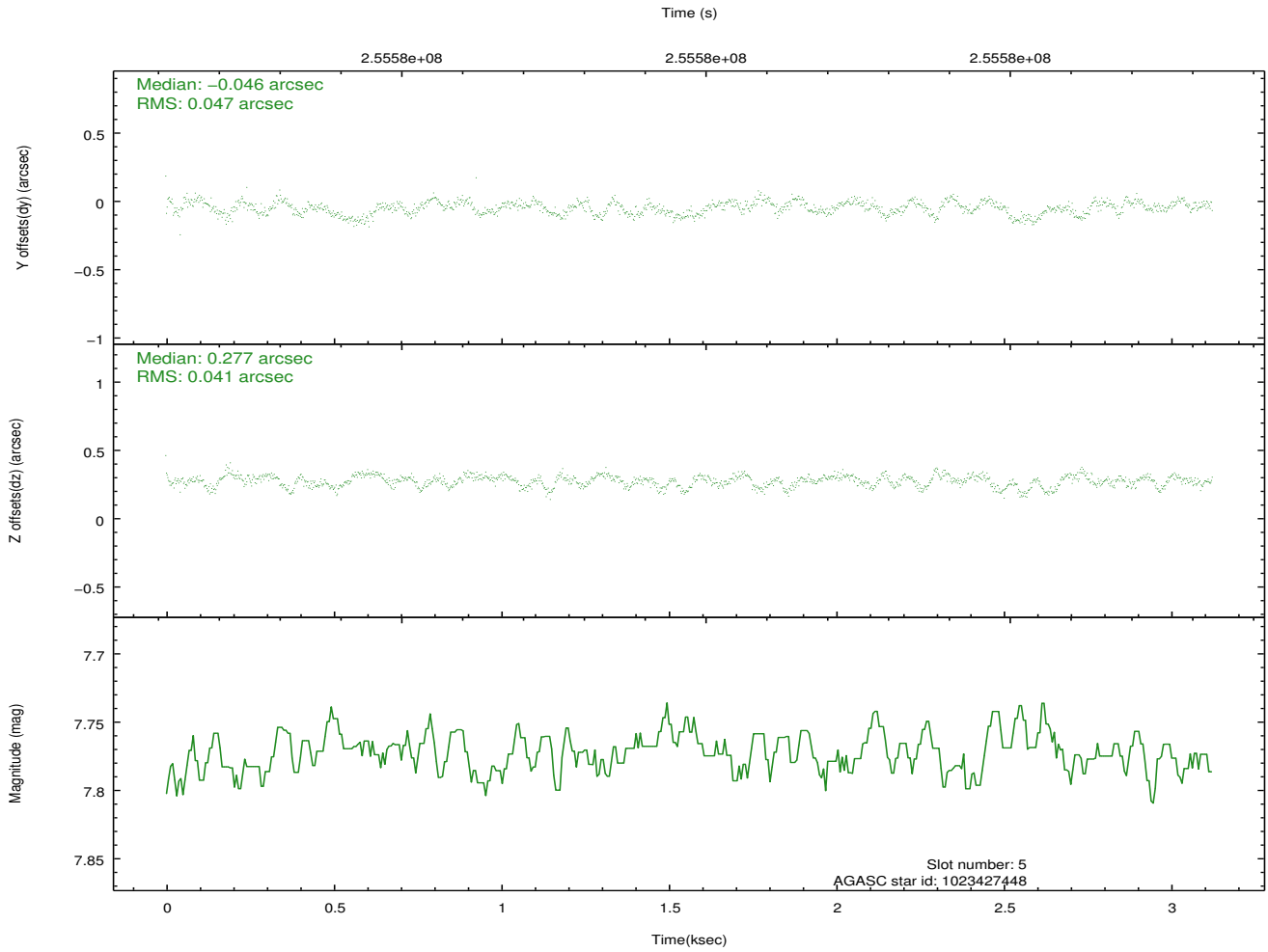
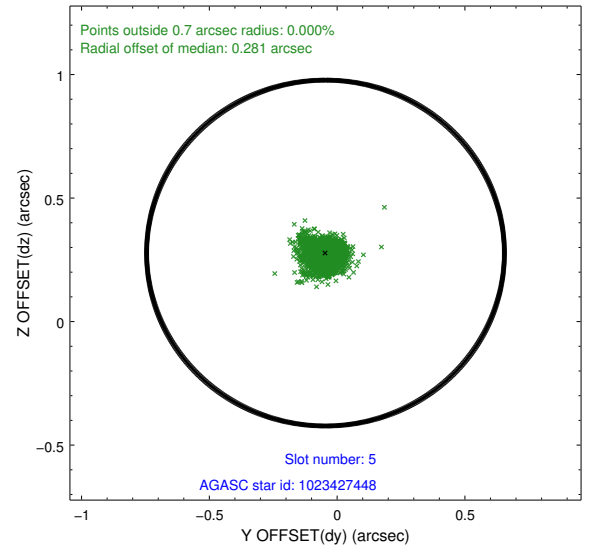
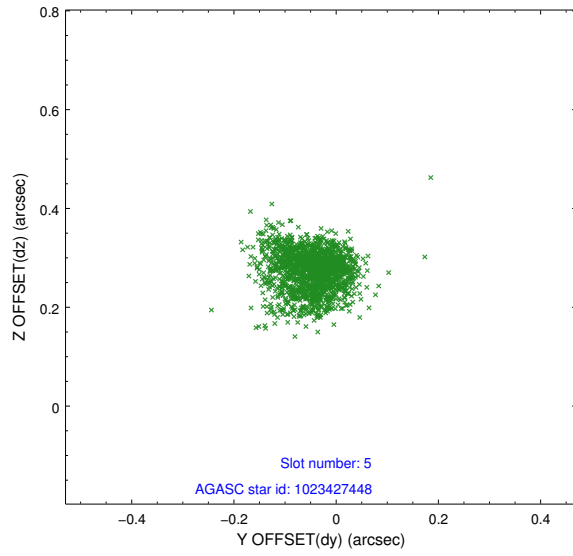
2.4.1 Slot 3



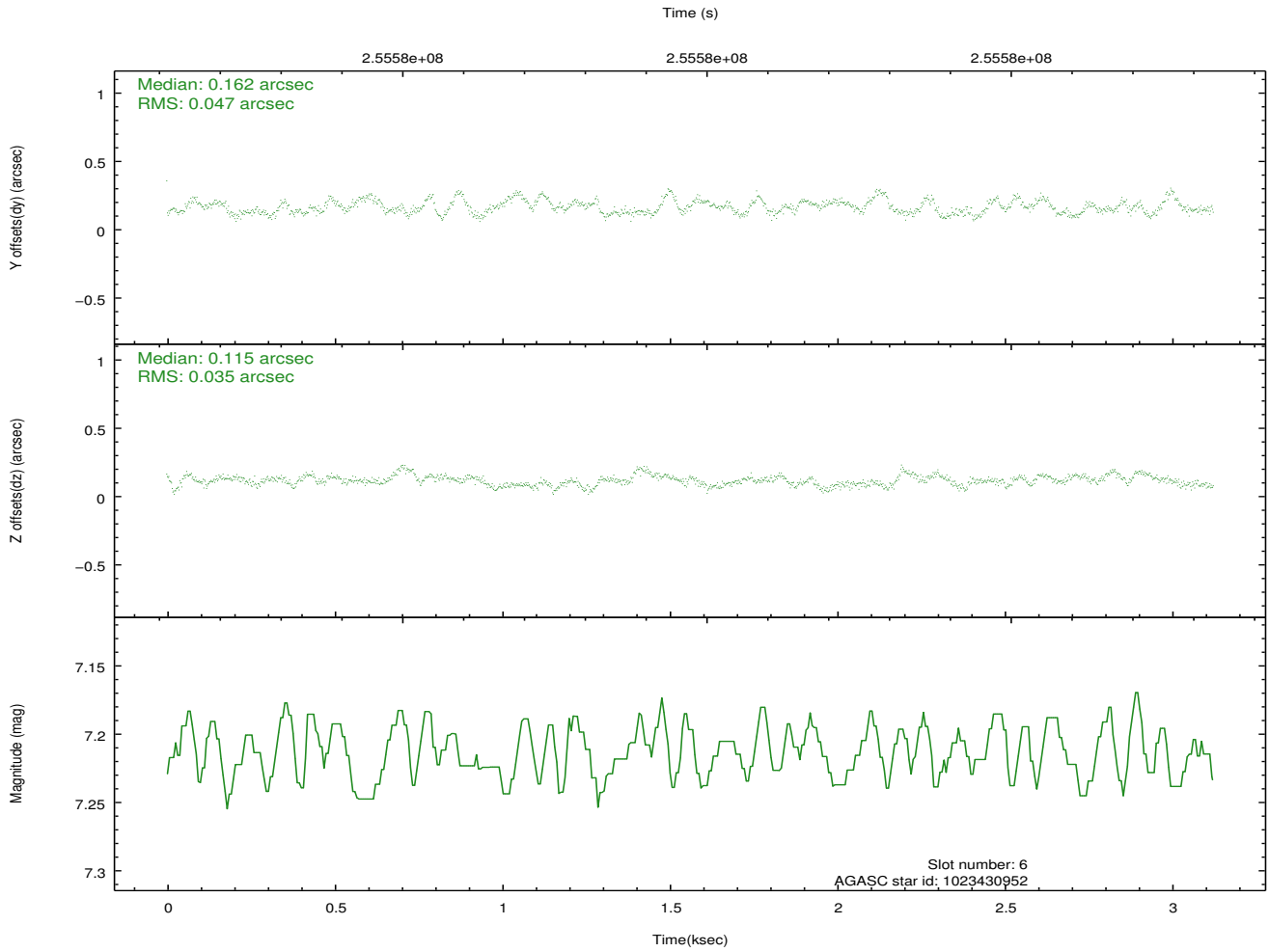
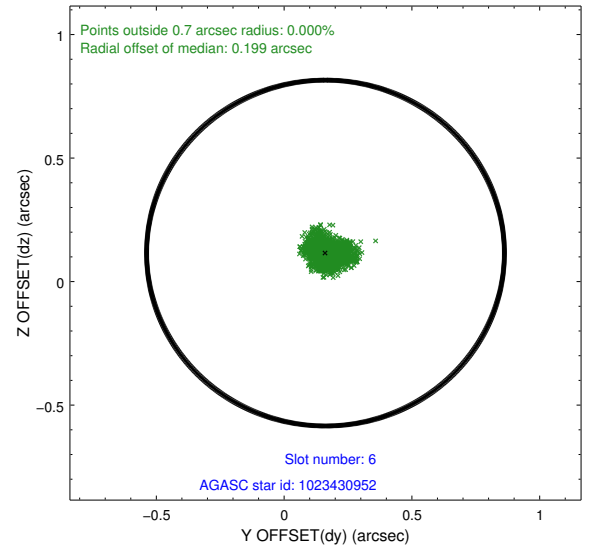
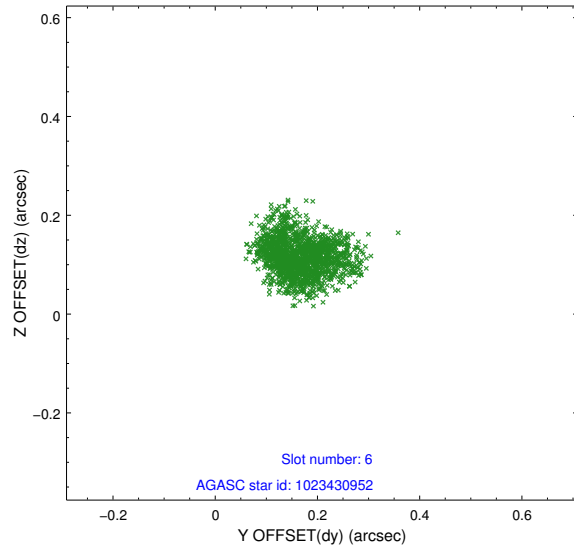
2.4.2 Slot 4



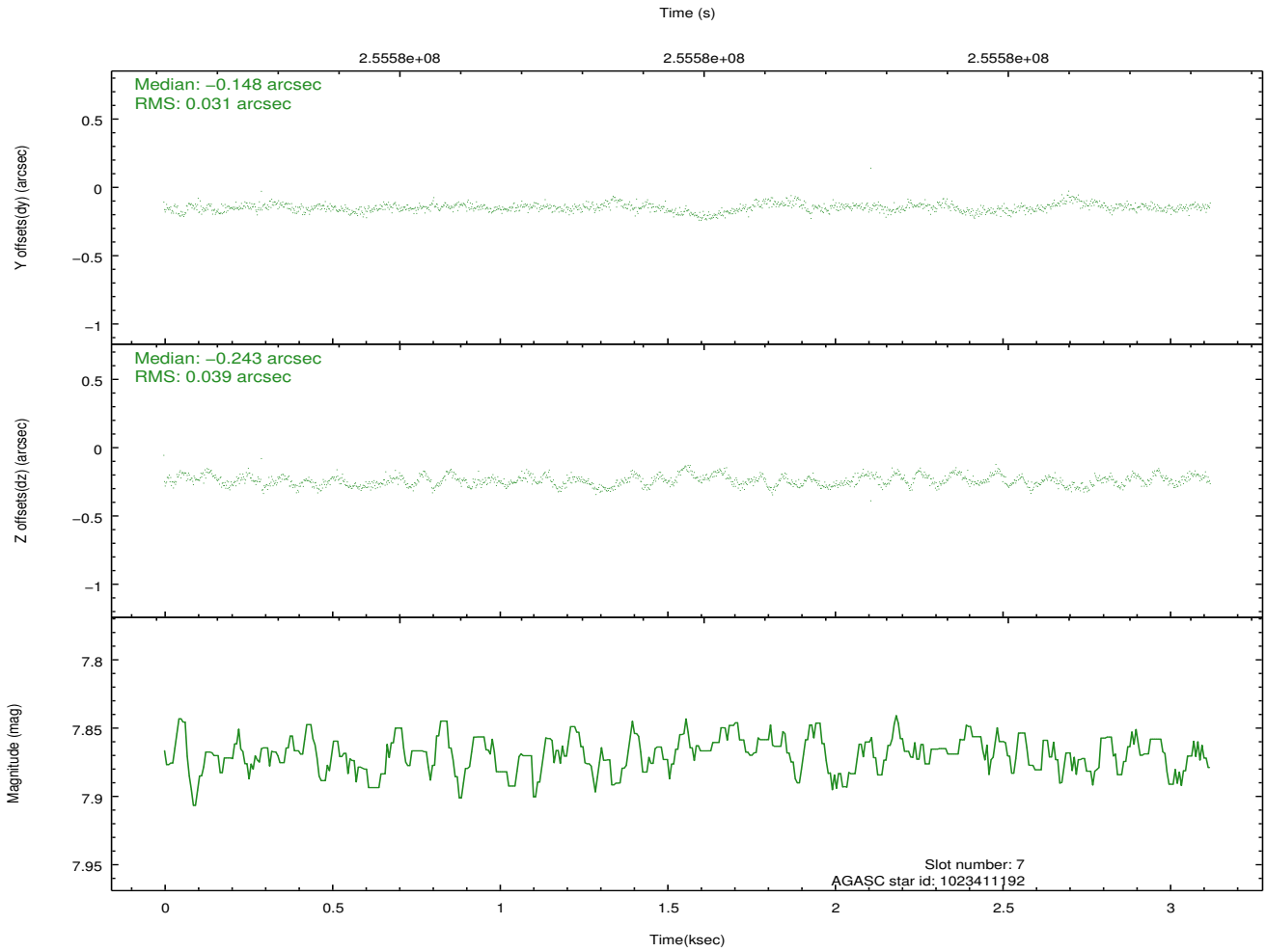
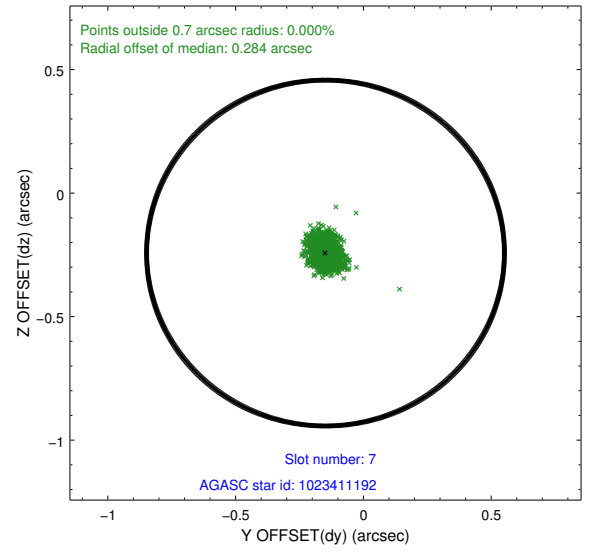
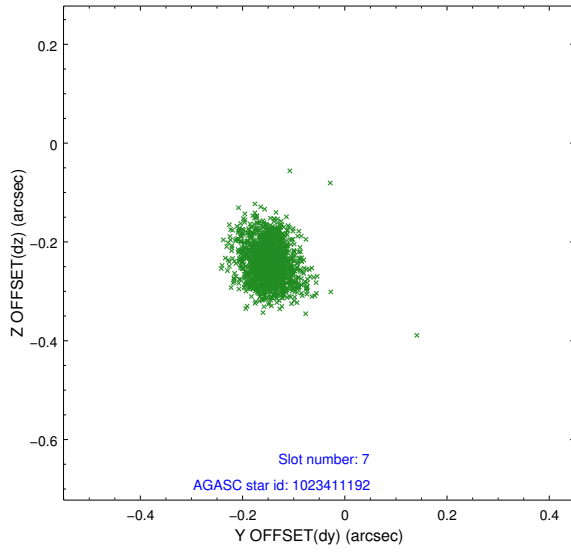
2.4.3 Slot 5



2.4.4 Slot 6

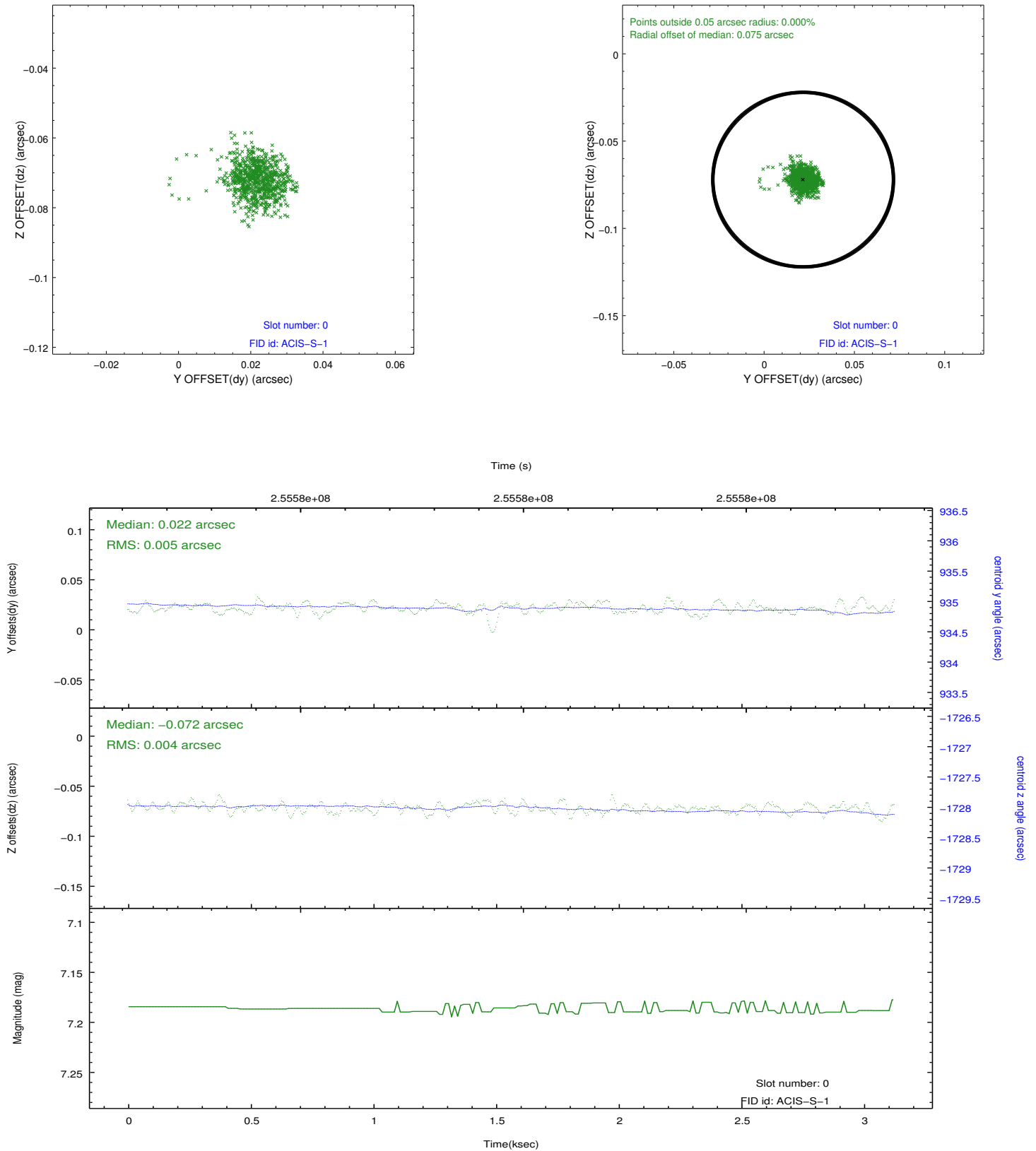


2.4.5 Slot 7

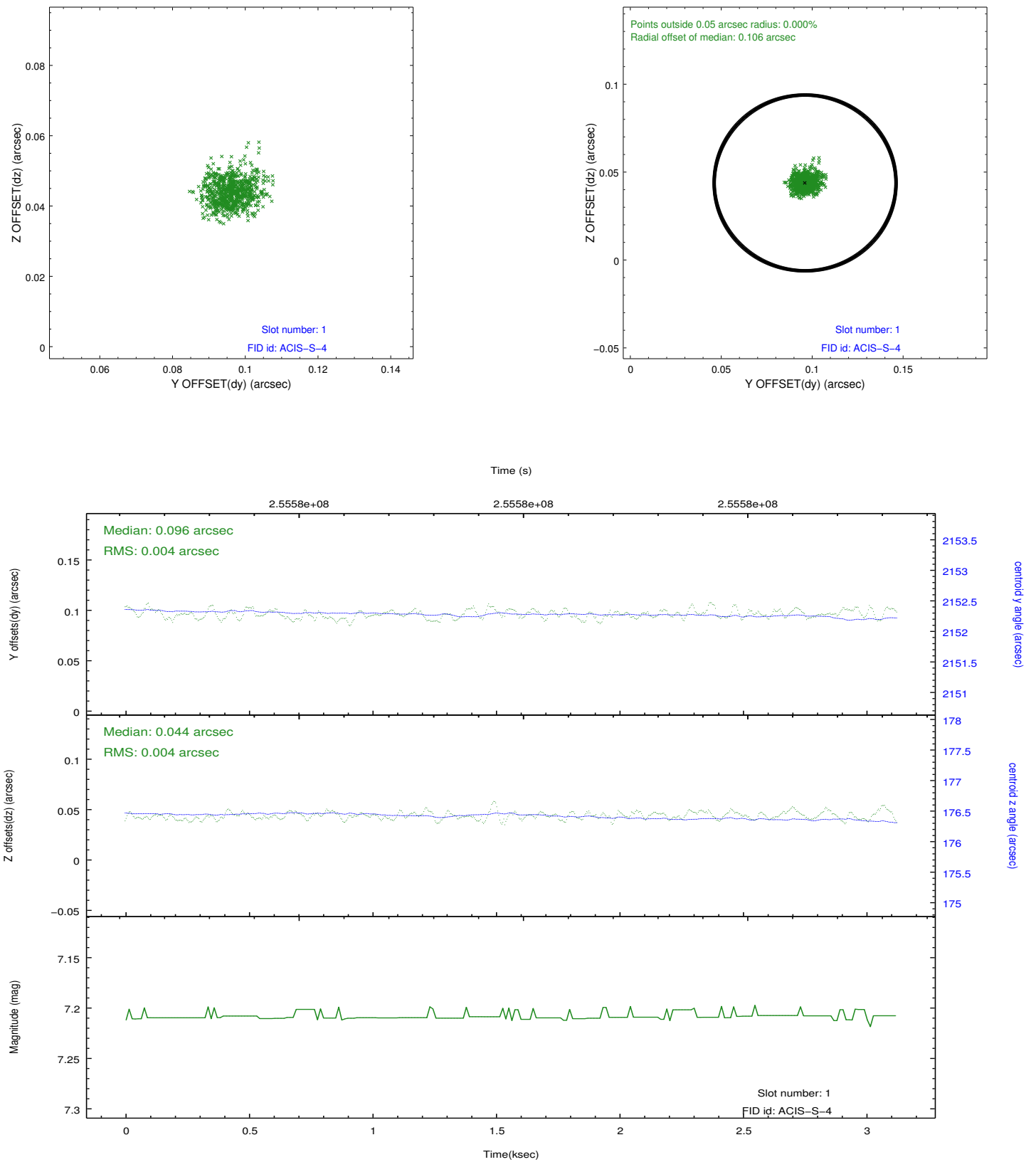


2.5 FID Slots

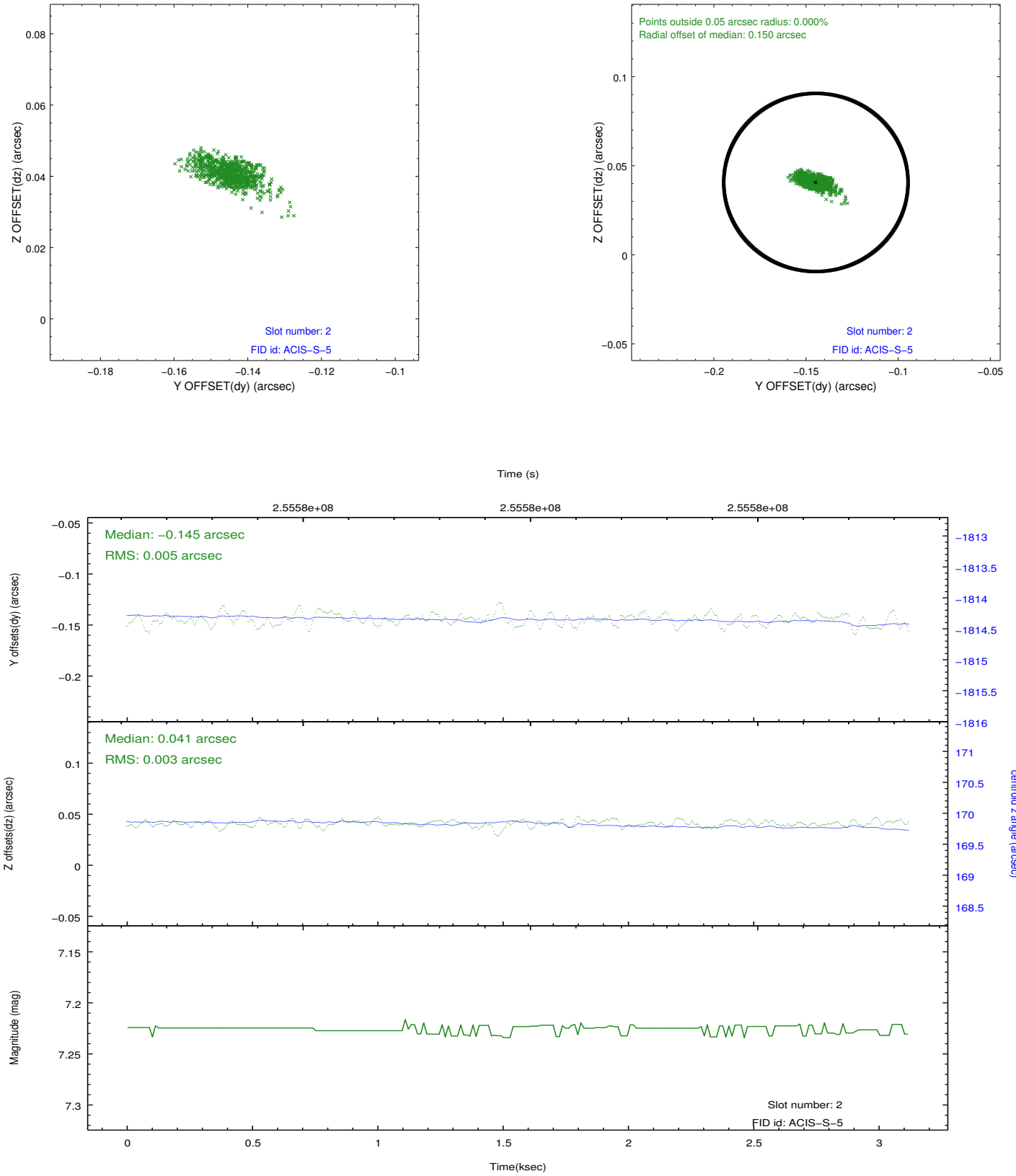
2.5.1 Slot 0



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)	2012.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.12360004

A.2 Comments