

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3890 - L2 Version 3
Chandra X-Ray Center

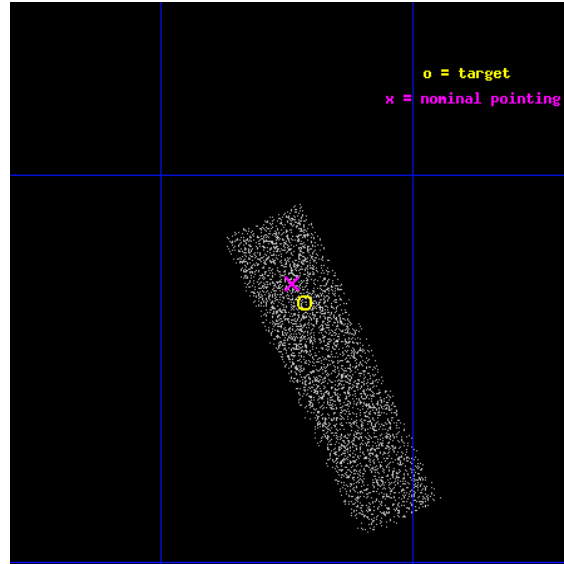
L2 Processing Date : Oct 24 2012

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1 Front

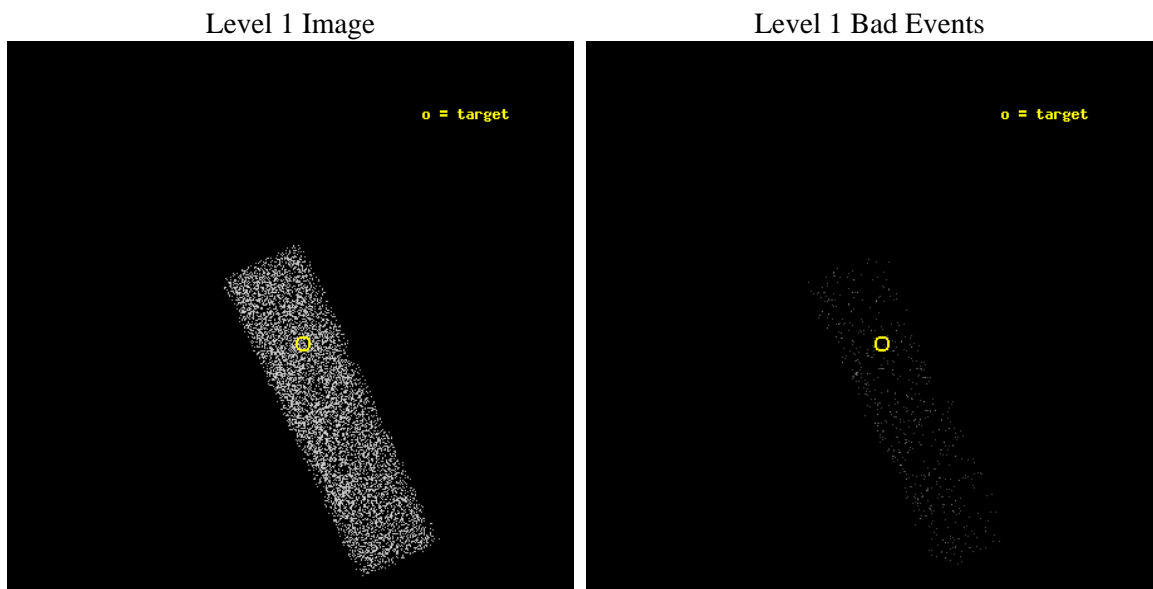
seq_num	500369	Sequence number
obs_id	3890	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	RX J205042.9+284643	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	312.67875	Observer's specified target RA [deg]
dec_targ	28.77875	Observer's specified target Dec [deg]
ra_nom	312.68511671757	Nominal RA [deg]
dec_nom	28.786790582714	Nominal Dec [deg]
roll_nom	64.819073946082	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3859.6323166192	Sum of GTIs [s]
livetime	3671.2948888226	Livetime [s]
ontime7	3859.6323166192	Sum of GTIs [s]
l2events	4269	Number of level 2 events



2 OBI

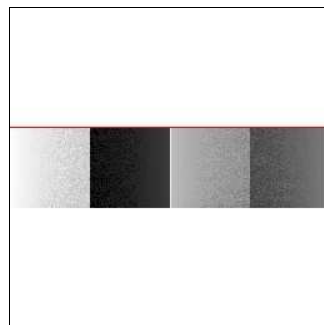
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3030.232000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3859.6323166192	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3859.6323166192	Sum of GTIs [s]
date	2012-10-24T19:12:36	Date and time of file creation	l1events	8915	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

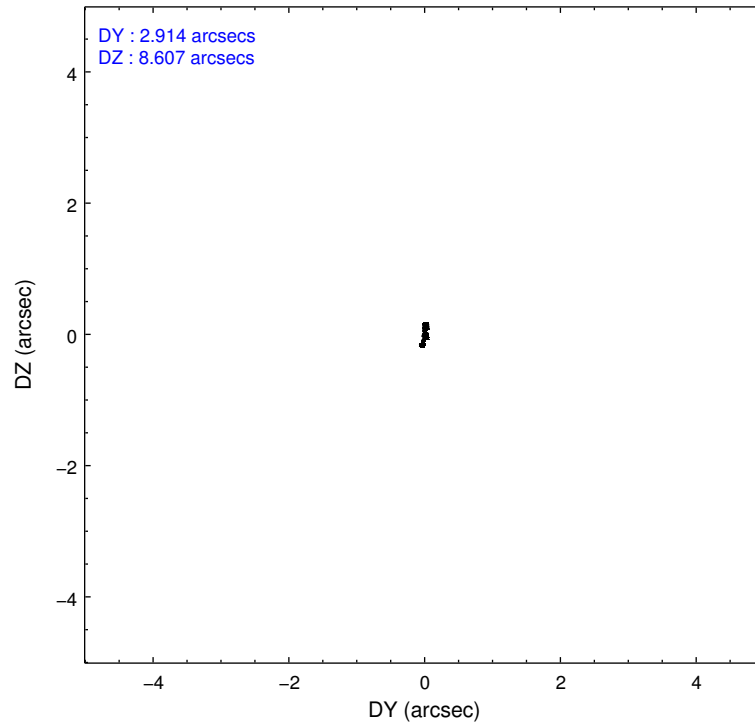
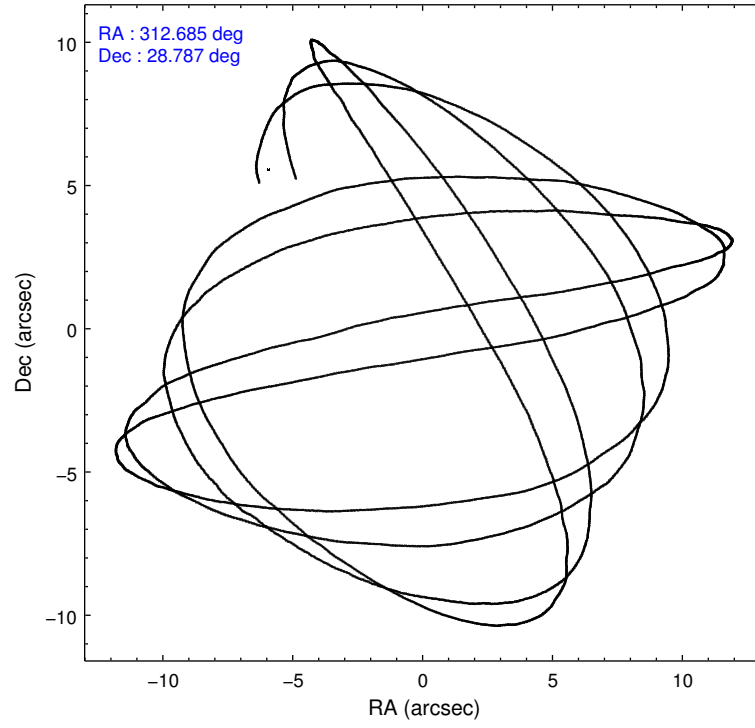
	ccd 7
level 1 events	8915
rejected events	4497
rejected %	50%

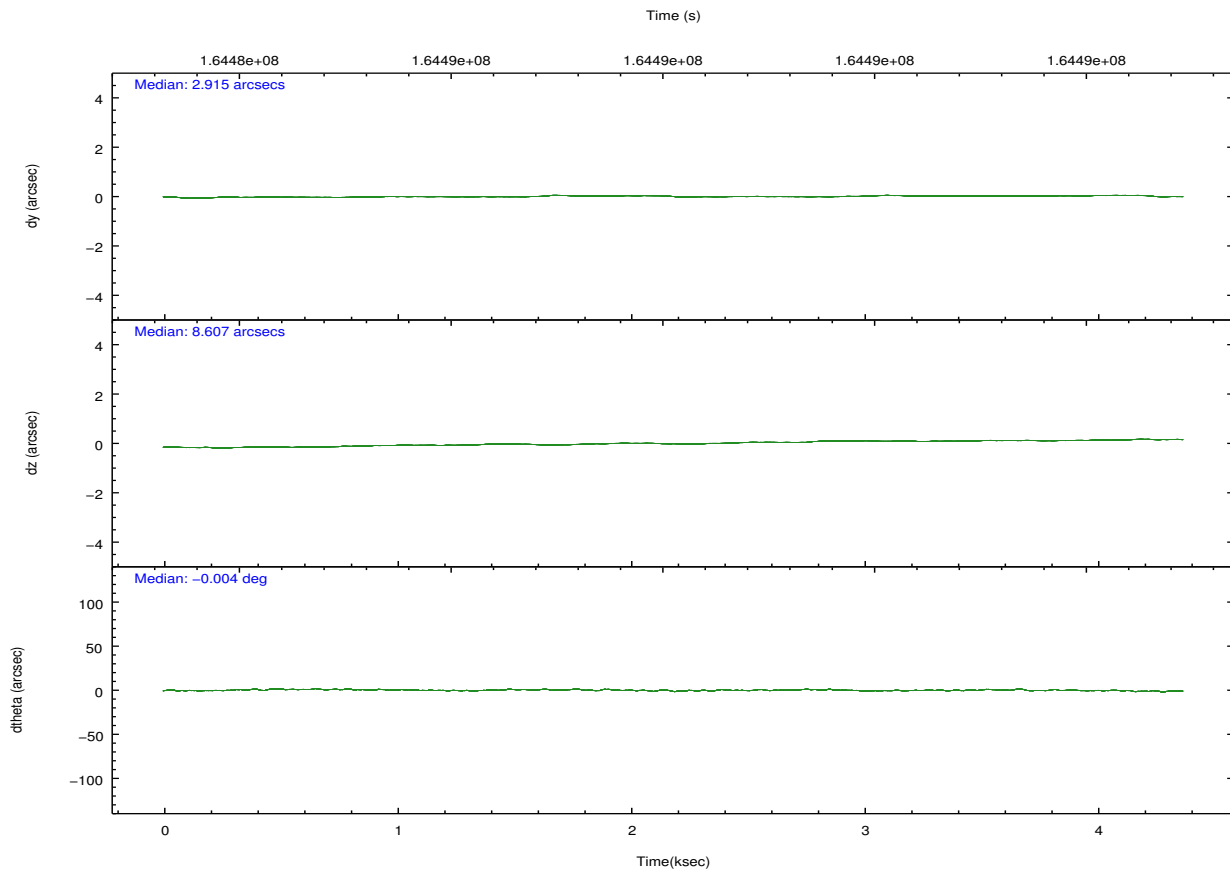
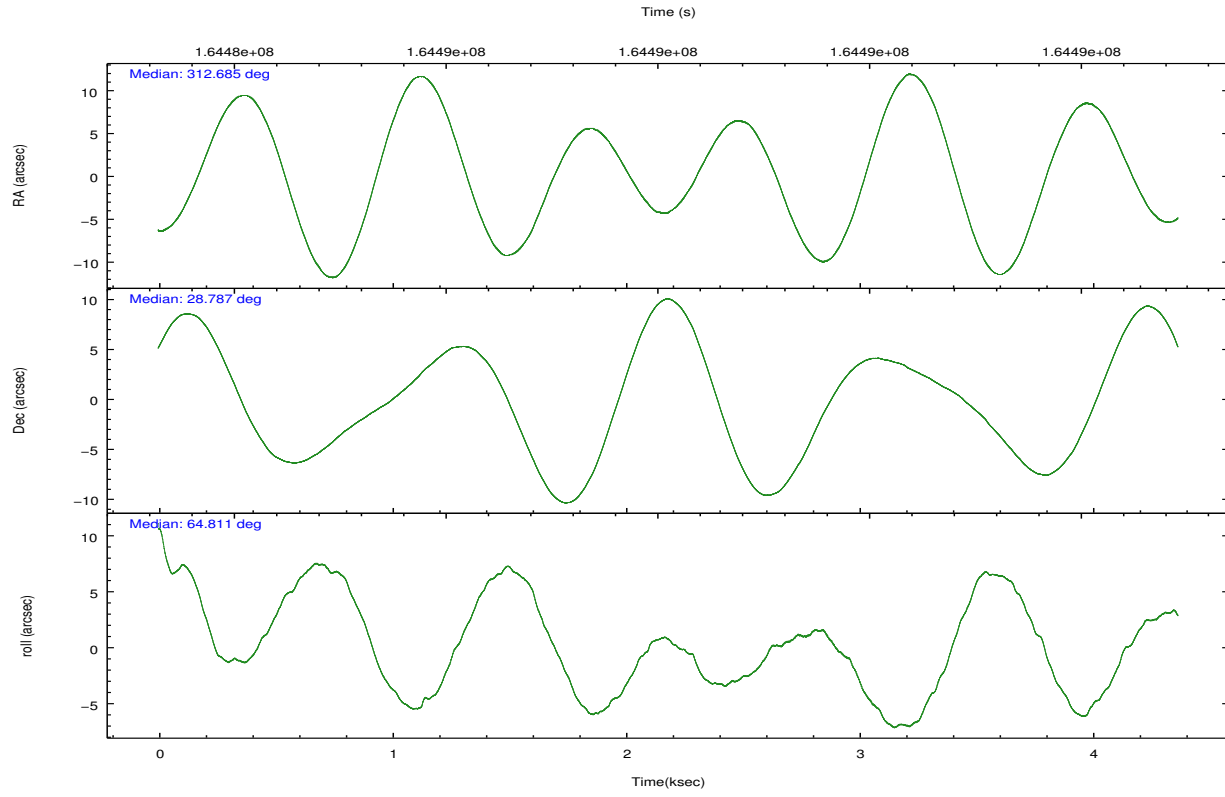
	ccd 7
grade 0 events	741
	8%
grade 1 events	10
	0%
grade 2 events	905
	10%
grade 3 events	484
	5%
grade 4 events	469
	5%
grade 5 events	802
	8%
grade 6 events	1821
	20%
grade 7 events	3683
	41%

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	312.688150	312.6851167175683	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	28.759539	28.78679058271362	Subarray start row	384	385
[deg] Pointing Roll	64.661000	64.81907394608179	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)	164486194.184000	164484655.29926			
Observation start date	2003-03-19T18:35:30	2003-03-19T18:10:55			
[s] Observation end time (MET)	164489224.184000	164489538.91197			
Observation end date	2003-03-19T19:26:00	2003-03-19T19:32:18			
Read mode	TIMED	TIMED			

2.3 Aspect



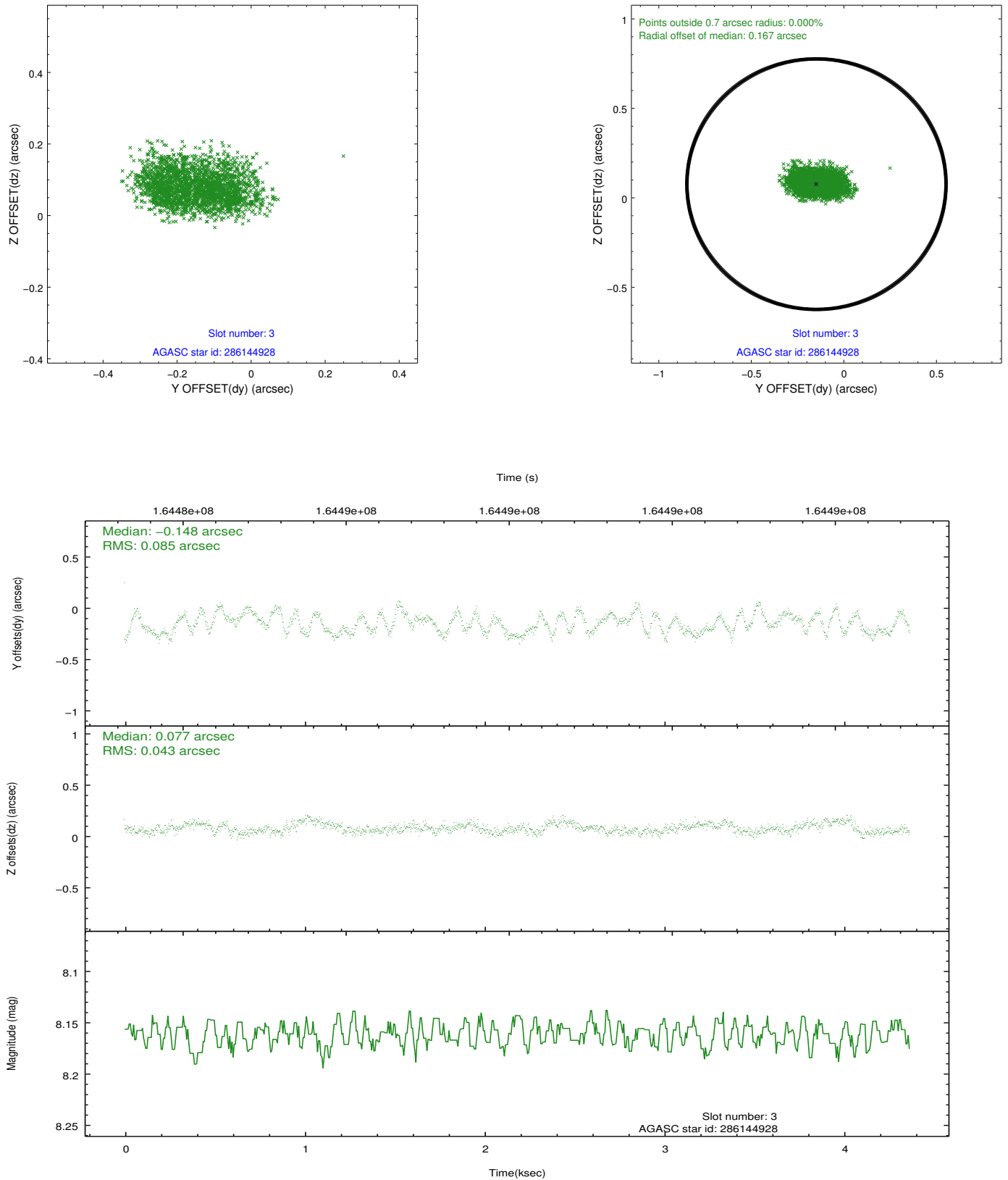


Slot Statistics

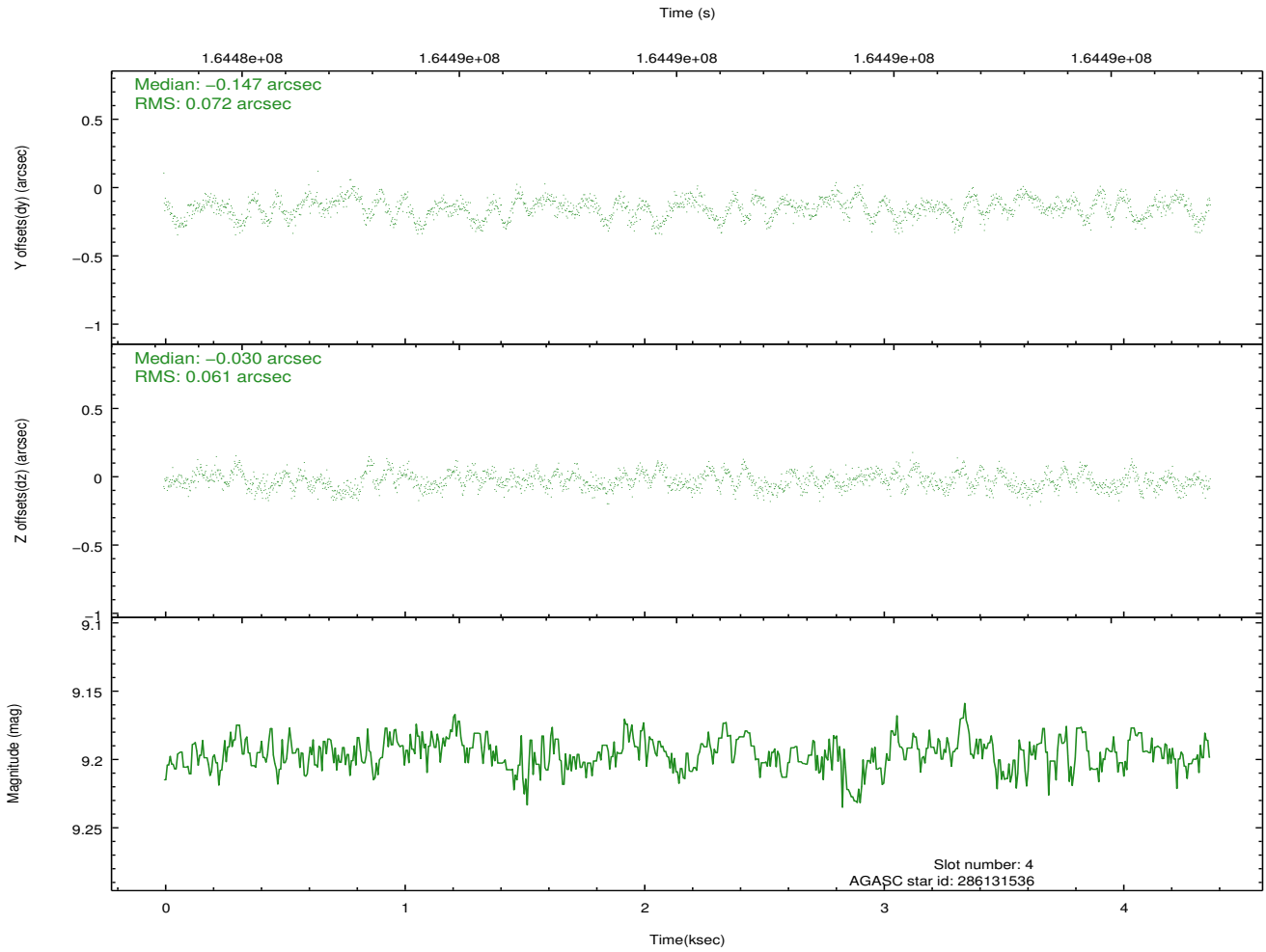
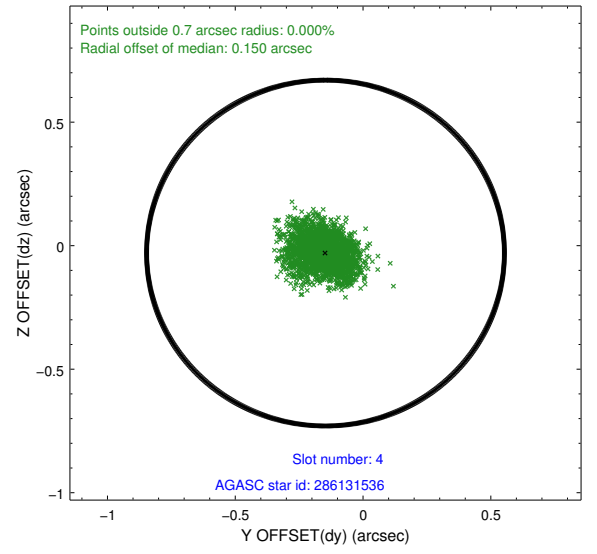
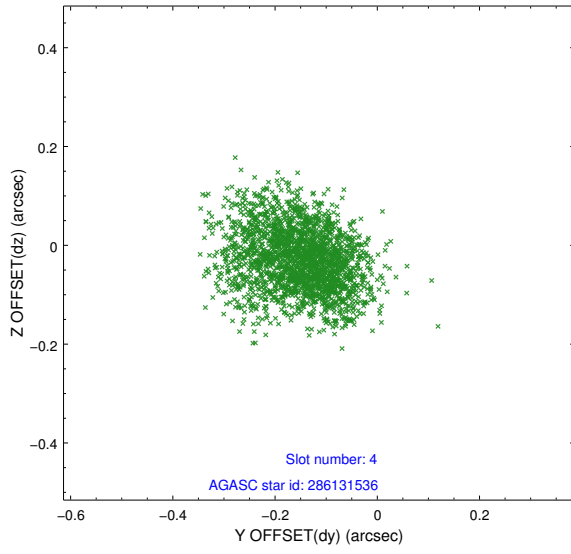
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1066	-0.024	-0.005	0.008	0.013	0.000000	0.000000	-755.57	-1729.82
1	FID	ACIS-S-4	7.20	1066	0.010	0.017	0.010	0.016	0.000000	0.000000	2157.09	177.23
2	FID	ACIS-S-6	7.35	1066	-0.014	-0.005	0.012	0.019	0.000000	0.000000	408.23	816.21
3	GUIDE	286144928	8.16	2130	-0.148	0.077	0.104	0.161	313.576433	28.981434	1928.47	-2181.54
4	GUIDE	286131536	9.20	2131	-0.147	-0.030	0.101	0.162	312.205001	29.193835	766.17	2041.89
5	GUIDE	286146672	10.07	2129	0.135	-0.127	0.122	0.198	312.269564	28.790811	-461.36	1243.59
6	GUIDE	286142640	9.59	2132	0.088	-0.079	0.099	0.177	312.518246	28.485960	-1120.36	64.97
7	GUIDE	286150640	9.41	2128	0.078	0.154	0.098	0.157	312.877442	28.300898	-1235.68	-1248.64

2.4 Star Slots

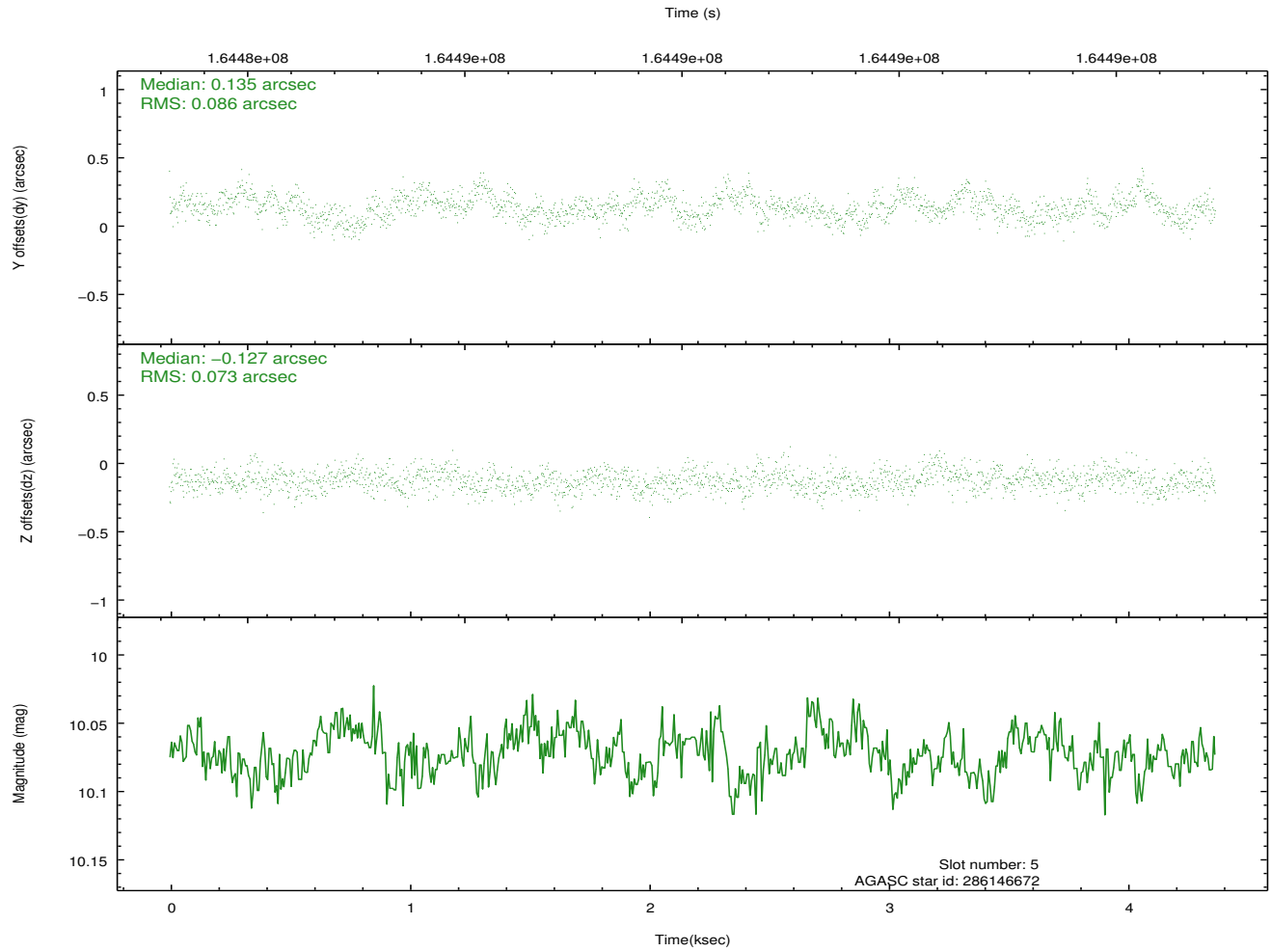
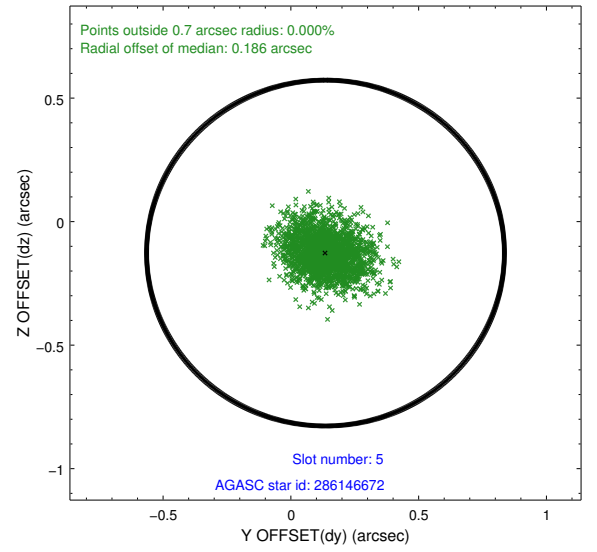
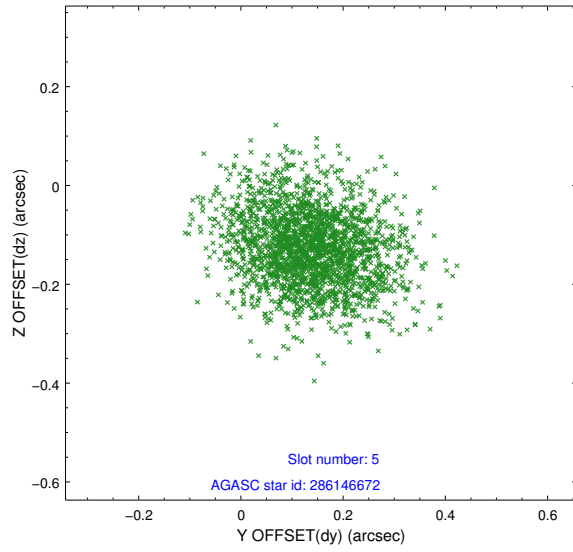
2.4.1 Slot 3



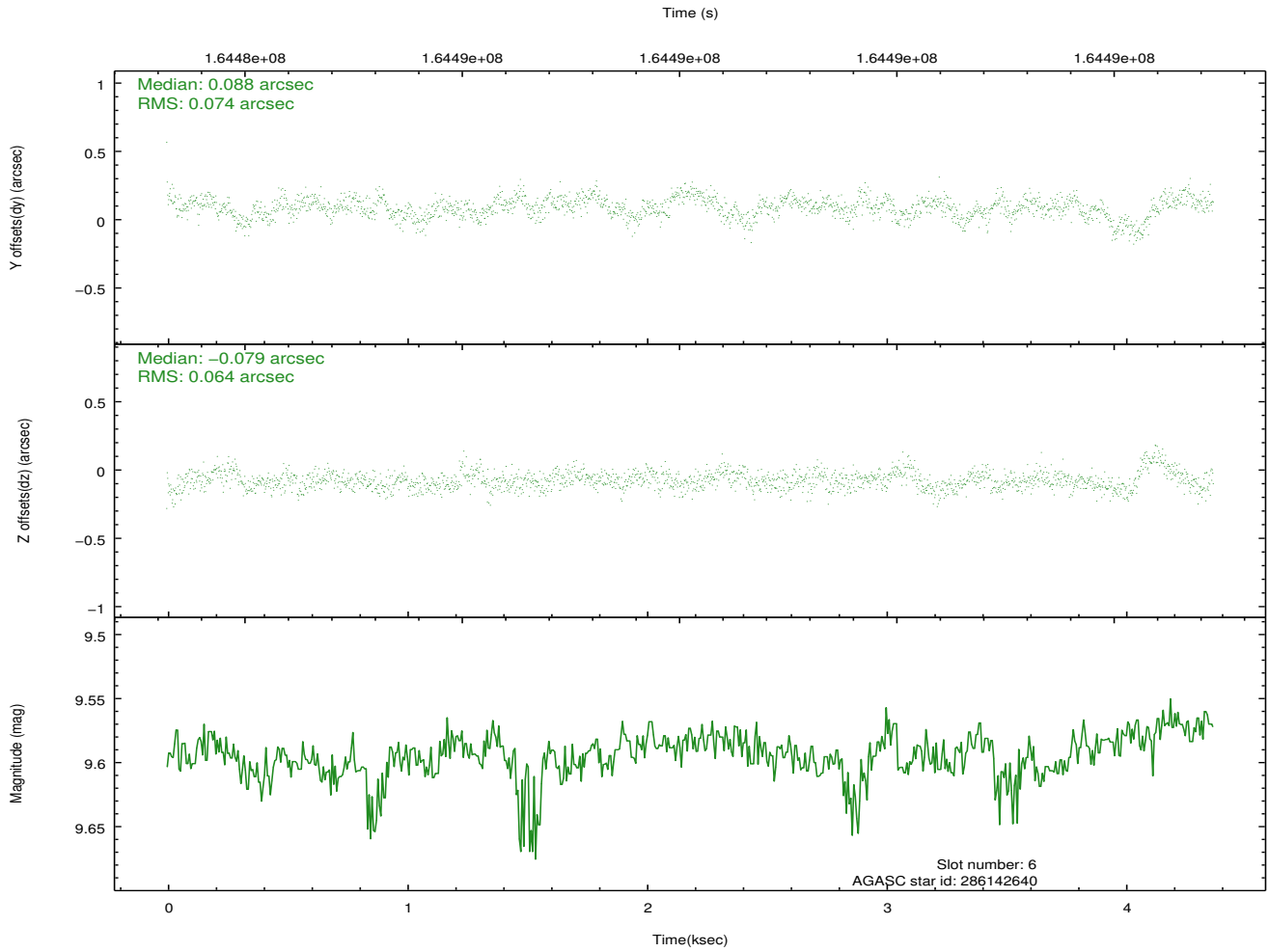
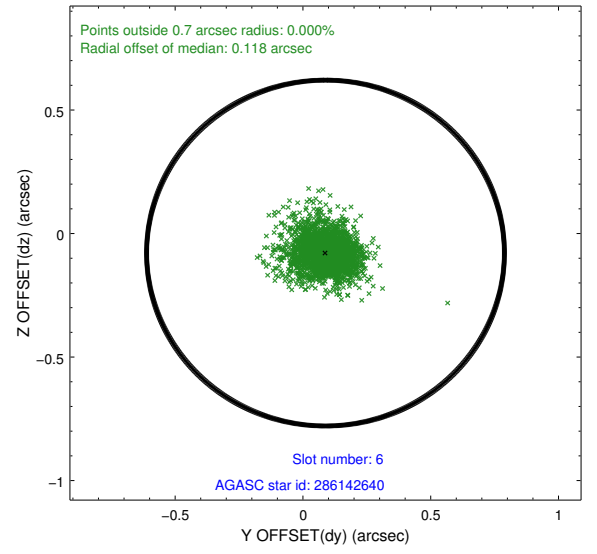
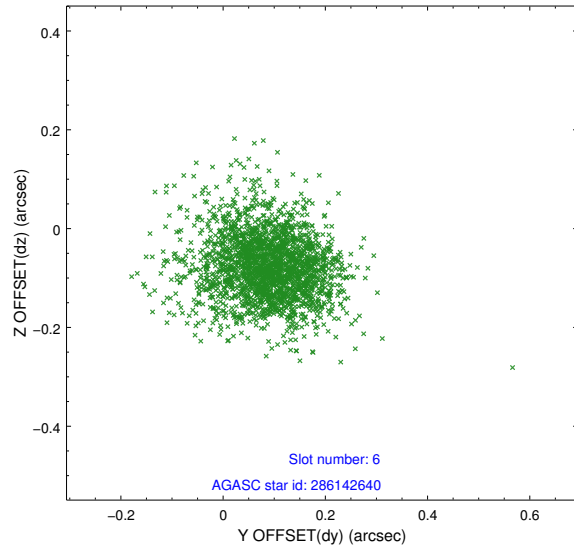
2.4.2 Slot 4



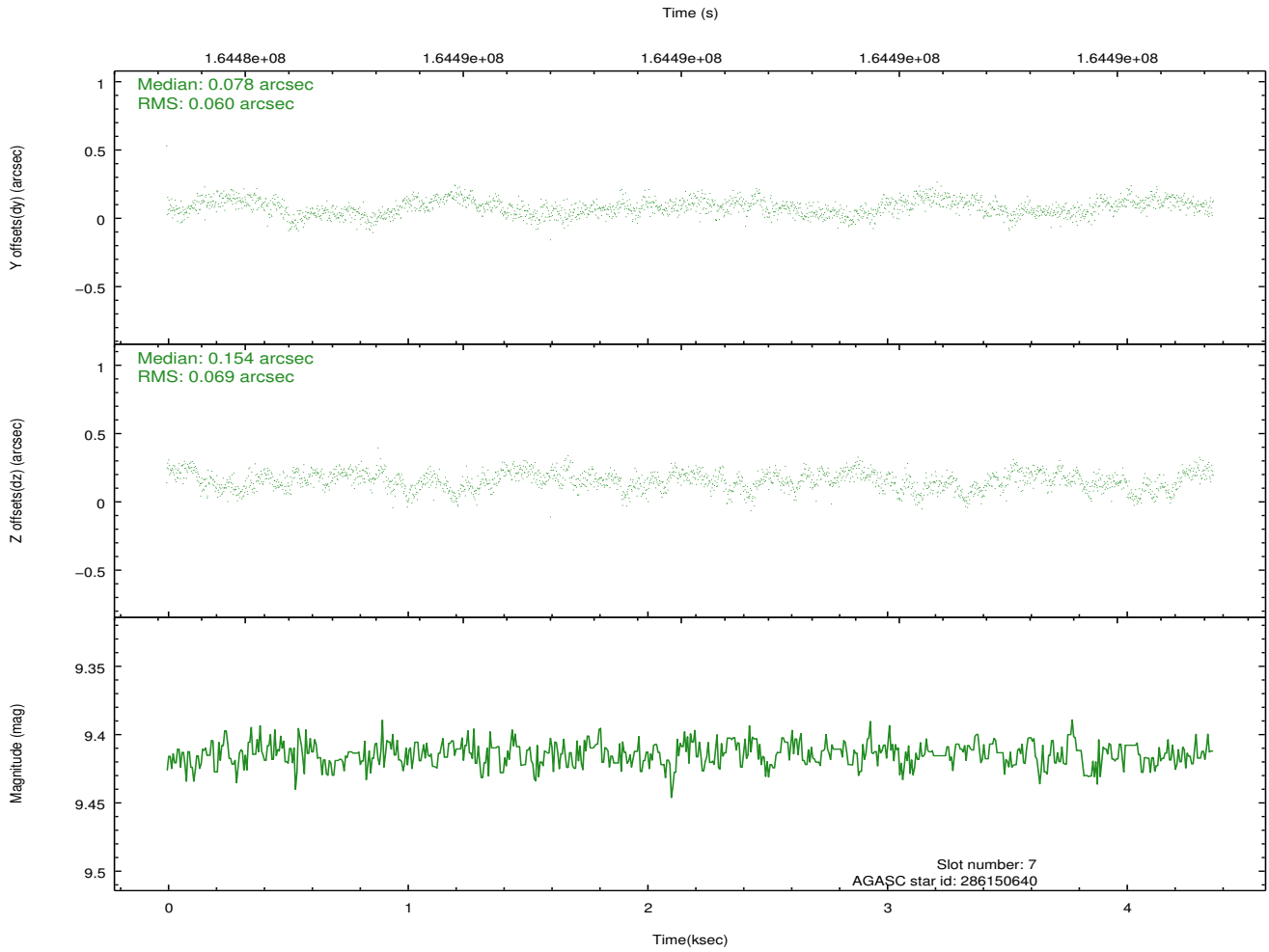
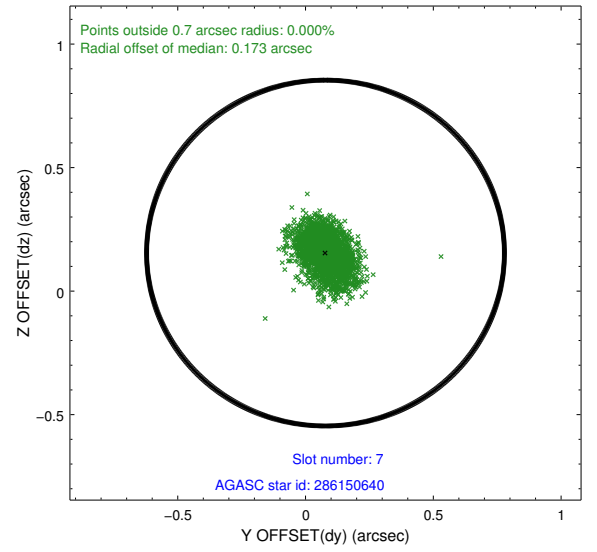
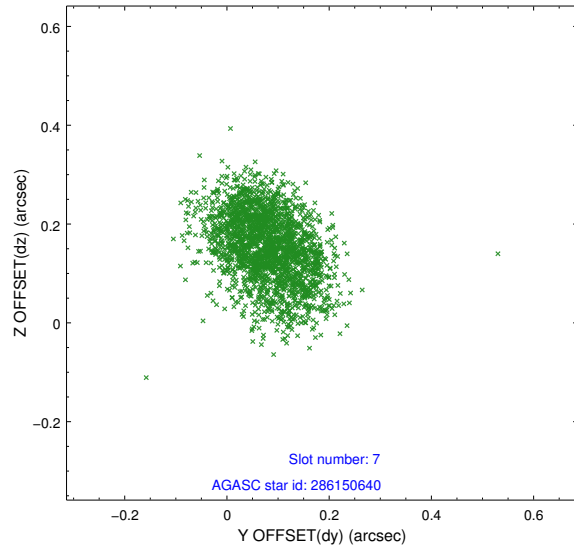
2.4.3 Slot 5



2.4.4 Slot 6

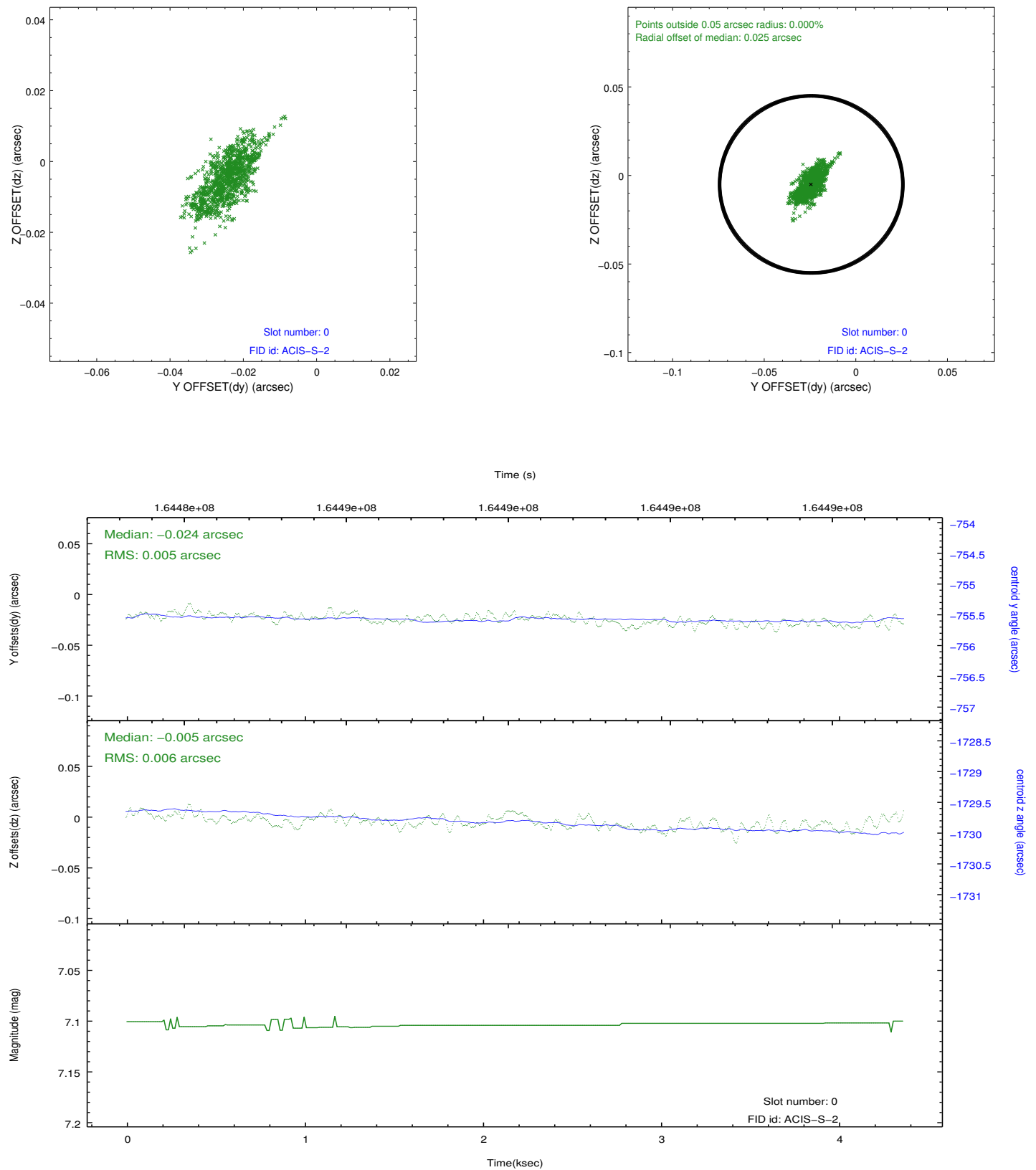


2.4.5 Slot 7

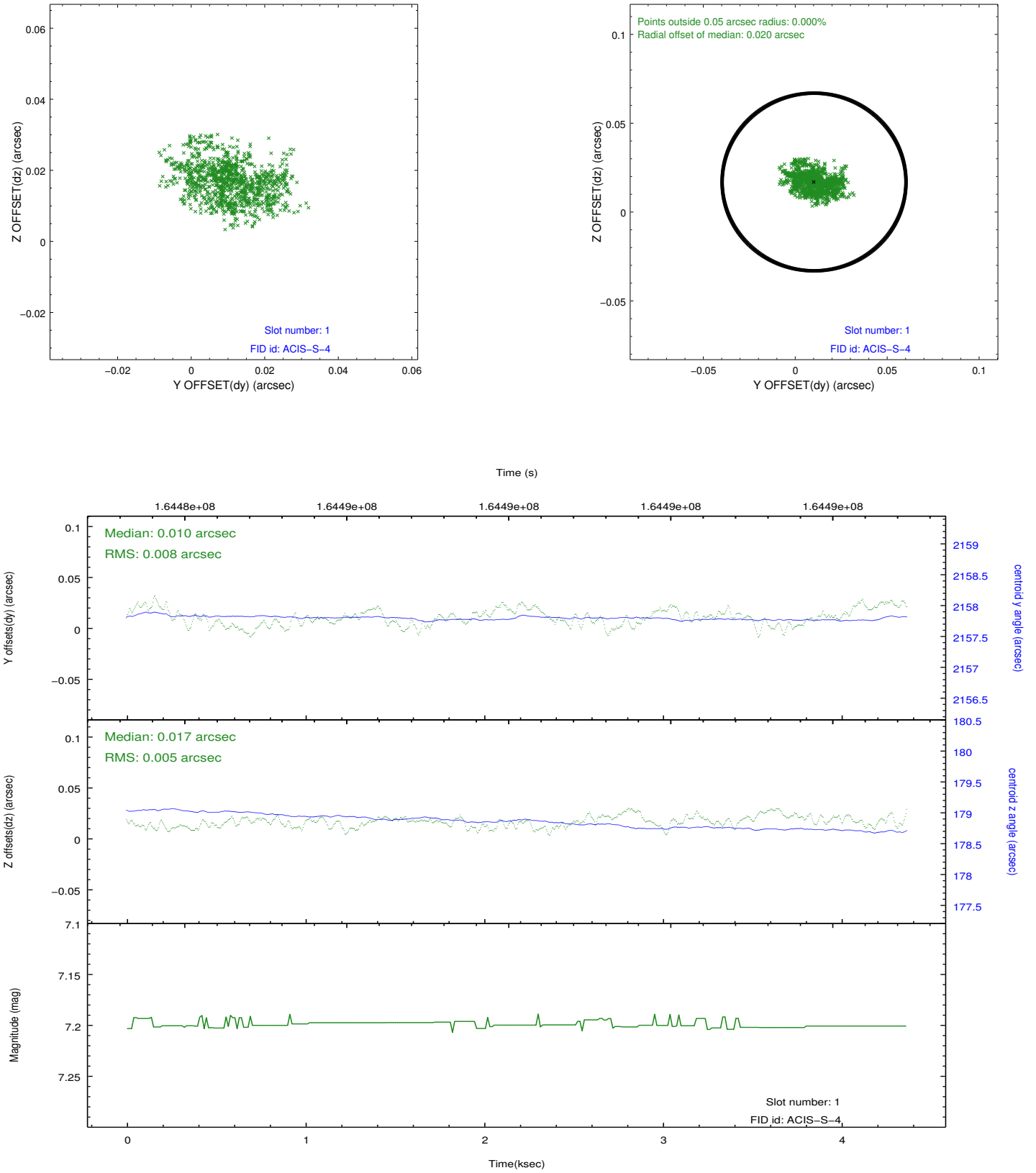


2.5 FID Slots

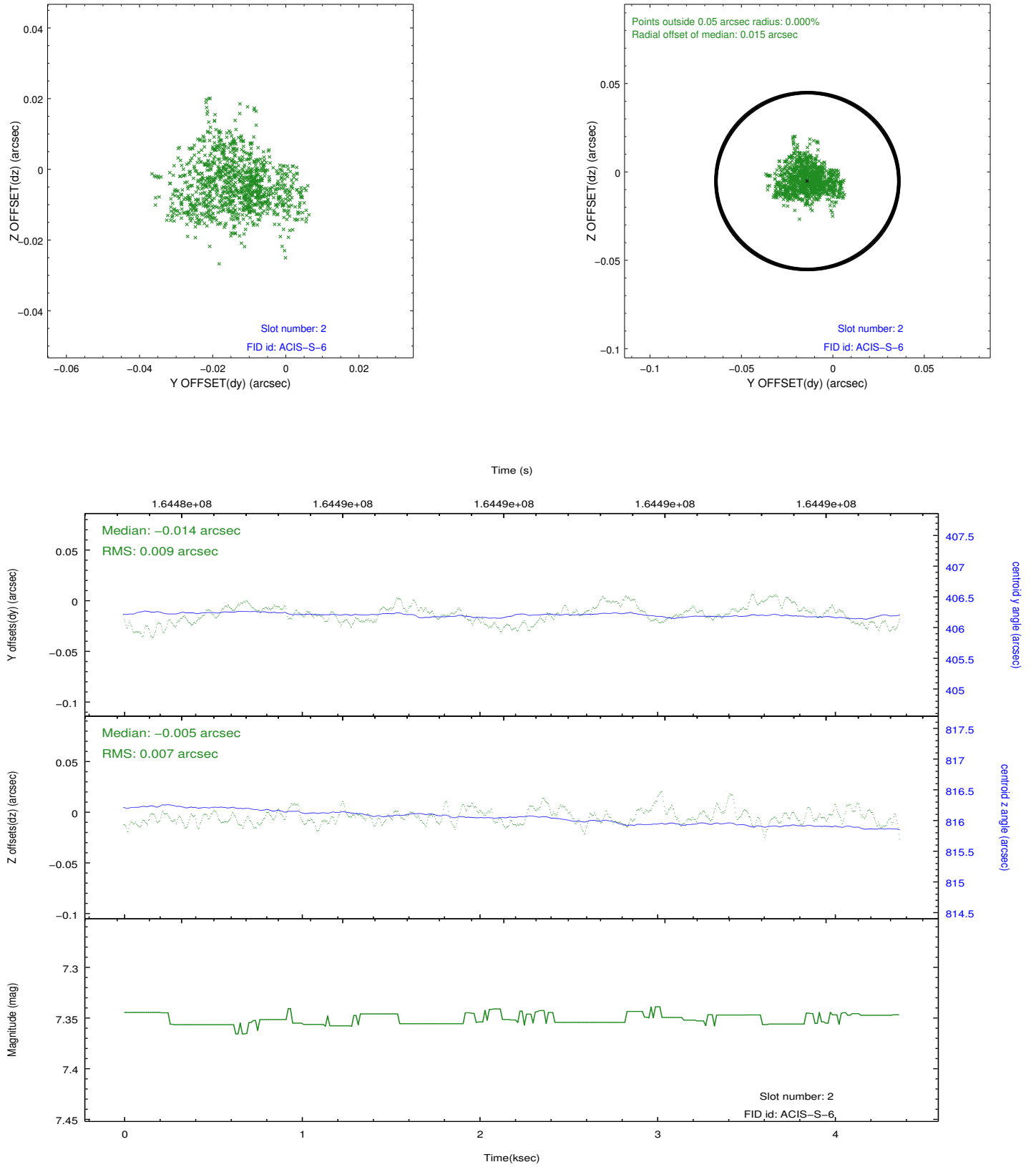
2.5.1 Slot 0



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)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.86

A.2 Comments