

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3887 - L2 Version 3
Chandra X-Ray Center

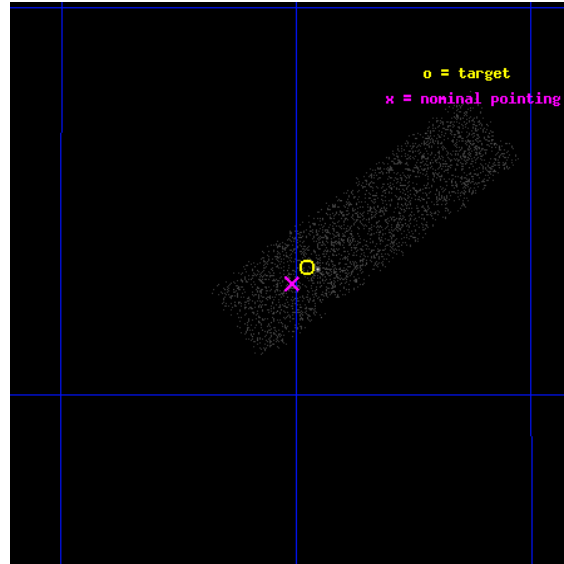
L2 Processing Date : Oct 19 2012

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1 Front

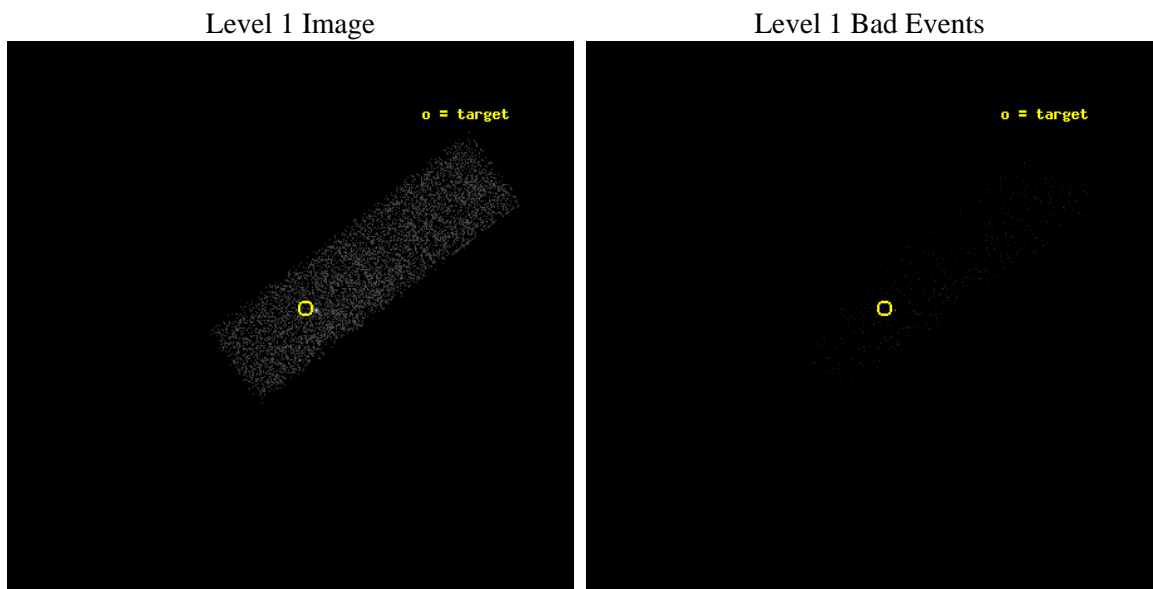
seq_num	500366	Sequence number
obs_id	3887	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	RX J193228.6+345318	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	293.119167	Observer's specified target RA [deg]
dec_targ	34.888333	Observer's specified target Dec [deg]
ra_nom	293.12730713386	Nominal RA [deg]
dec_nom	34.881172328202	Nominal Dec [deg]
roll_nom	322.67760848525	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3691.2000550032	Sum of GTIs [s]
livetime	3511.0815704396	Livetime [s]
ontime7	3691.2000550032	Sum of GTIs [s]
l2events	4684	Number of level 2 events



2 OBI

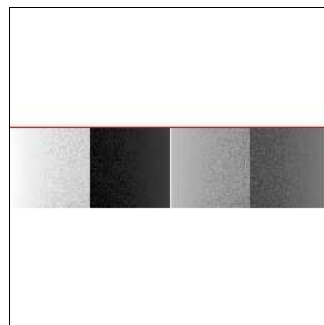
2.1 OBI

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	8.4.5	Processing system revision	ontime	3691.2000550032	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3691.2000550032	Sum of GTIs [s]
date	2012-10-19T04:47:48	Date and time of file creation	l1events	9475	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

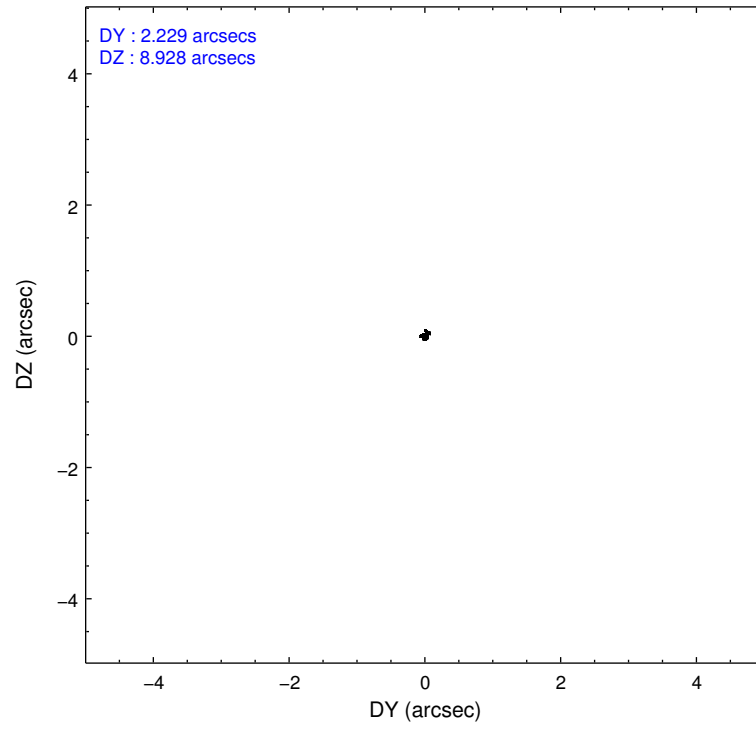
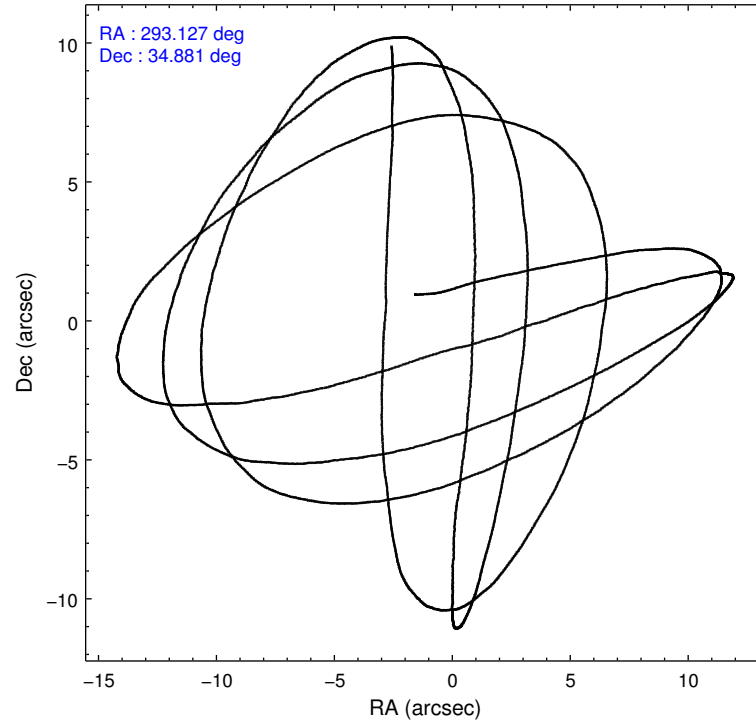
	ccd 7
level 1 events	9475
rejected events	4655
rejected %	49%

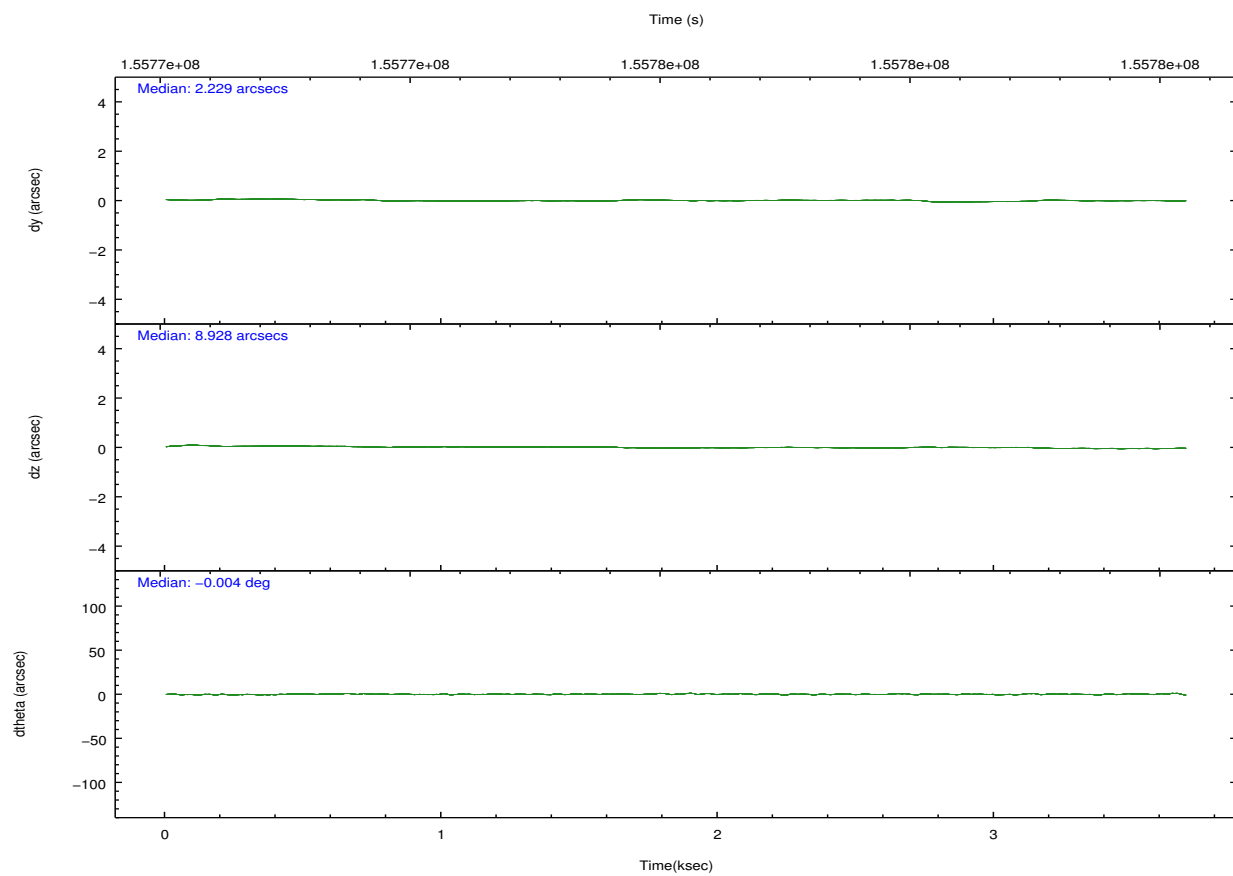
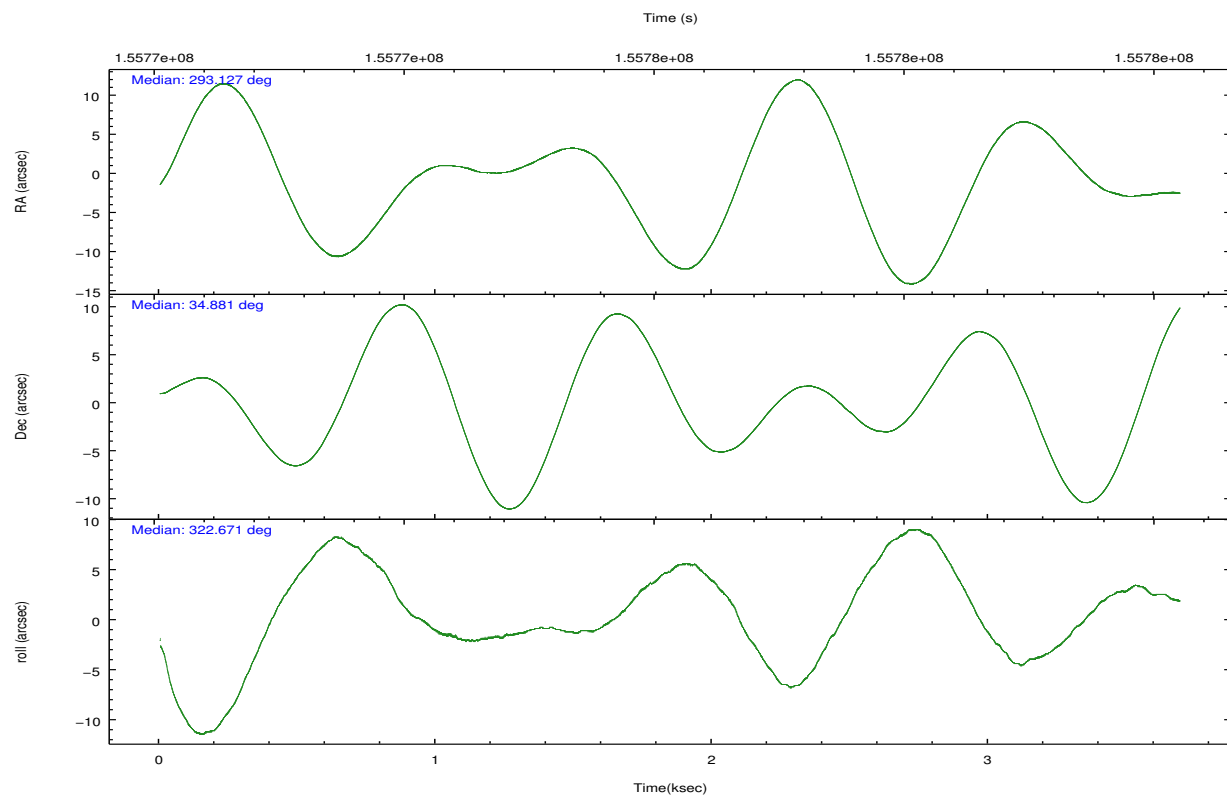
	ccd 7
grade 0 events	802
	8%
grade 1 events	19
	0%
grade 2 events	1007
	10%
grade 3 events	565
	5%
grade 4 events	553
	5%
grade 5 events	772
	8%
grade 6 events	2071
	21%
grade 7 events	3686
	38%

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	293.094169	293.127307133863	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	34.884309	34.88117232820233	Subarray start row	384	385
[deg] Pointing Roll	322.539938	322.6776084852521	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	155773914.184000	155772698.18405			
Observation start date	2002-12-08T22:30:50	2002-12-08T22:11:38			
[s] Observation end time (MET)	155776914.184000	155777485.44675			
Observation end date	2002-12-08T23:20:50	2002-12-08T23:31:25			
Read mode	TIMED	TIMED			

2.3 Aspect



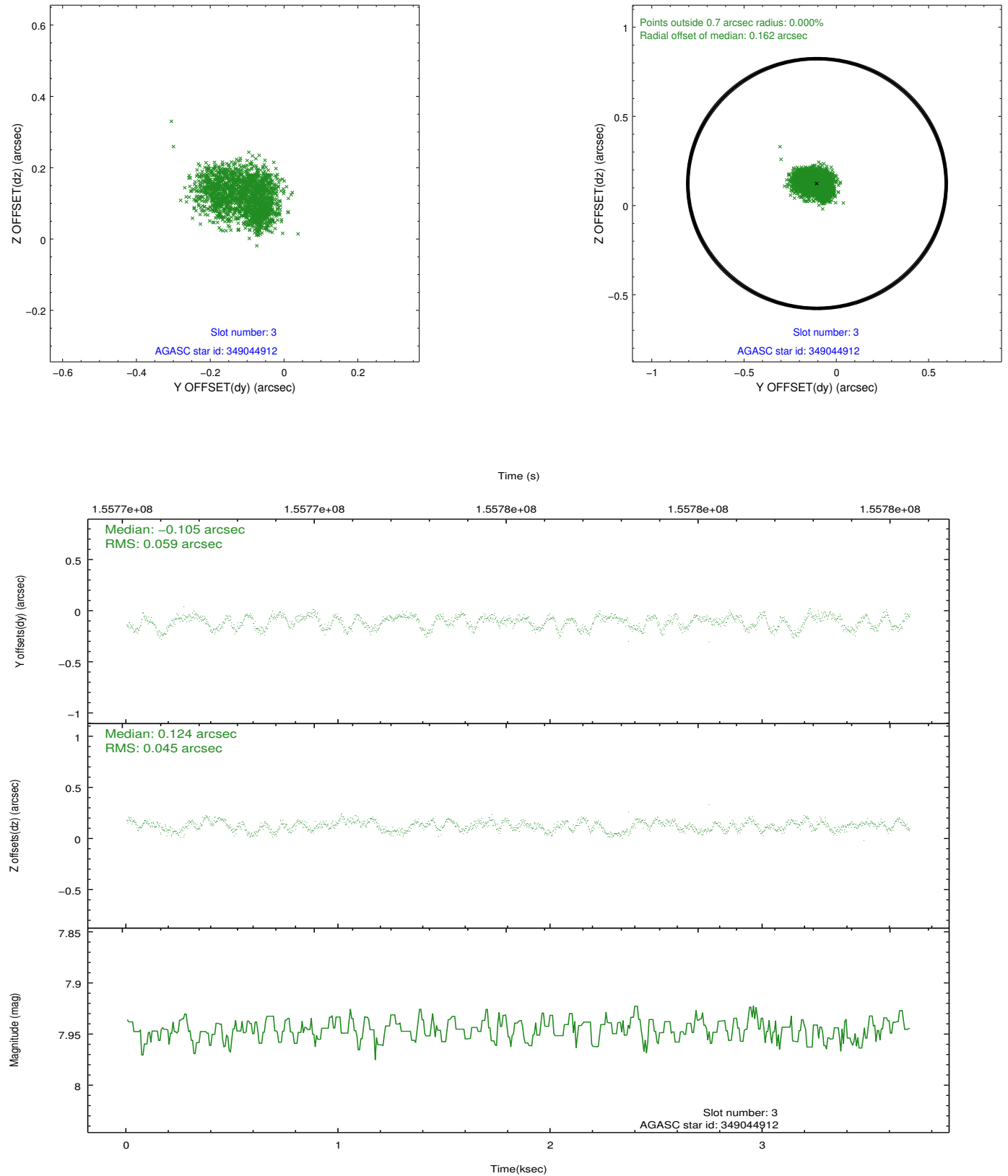


Slot Statistics

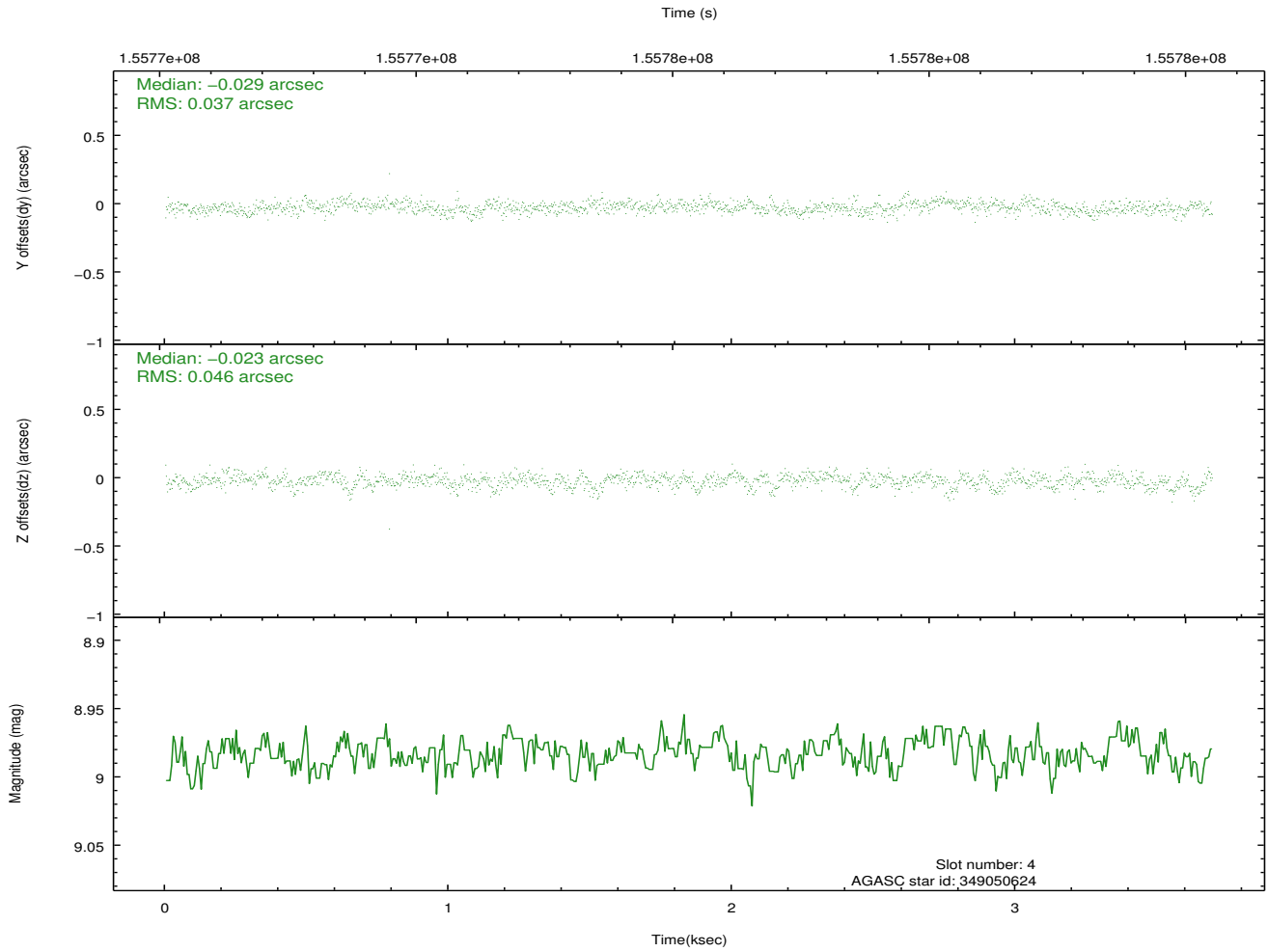
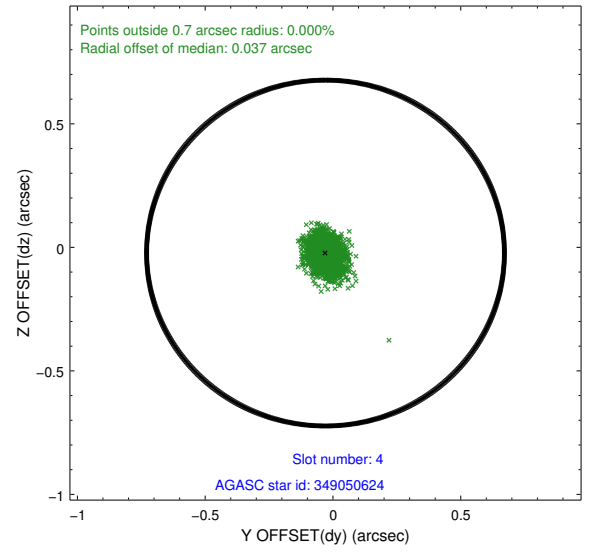
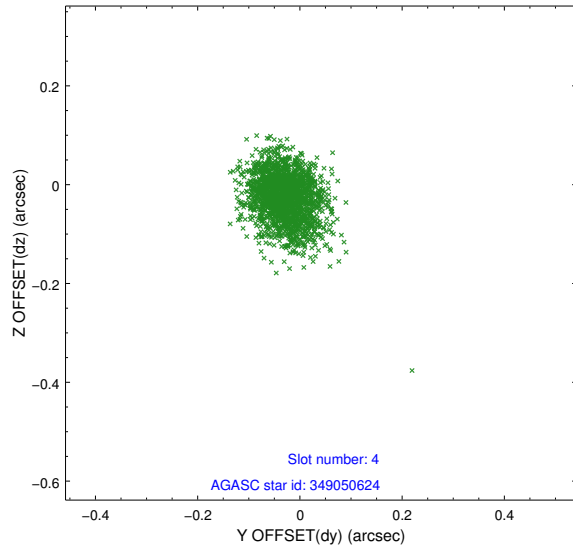
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	900	-0.035	-0.018	0.007	0.011	0.000000	0.000000	-754.89	-1730.11
1	FID	ACIS-S-4	7.20	901	0.003	0.022	0.006	0.011	0.000000	0.000000	2157.66	176.64
2	FID	ACIS-S-5	7.23	901	0.001	0.006	0.007	0.012	0.000000	0.000000	-1805.50	172.25
3	GUIDE	349044912	7.95	1802	-0.105	0.124	0.081	0.121	292.666726	35.102555	-1478.39	-139.75
4	GUIDE	349050624	8.98	1802	-0.029	-0.023	0.062	0.101	293.439376	35.372752	-266.75	2013.30
5	GUIDE	349047616	9.06	1802	-0.050	0.016	0.057	0.097	292.845282	35.294381	-1478.70	728.67
6	GUIDE	349051112	8.71	1802	0.205	-0.164	0.080	0.134	293.329266	34.077239	2323.28	-1878.88
7	GUIDE	349051520	7.91	1801	-0.015	0.052	0.052	0.087	293.543286	34.269776	2406.30	-941.81

2.4 Star Slots

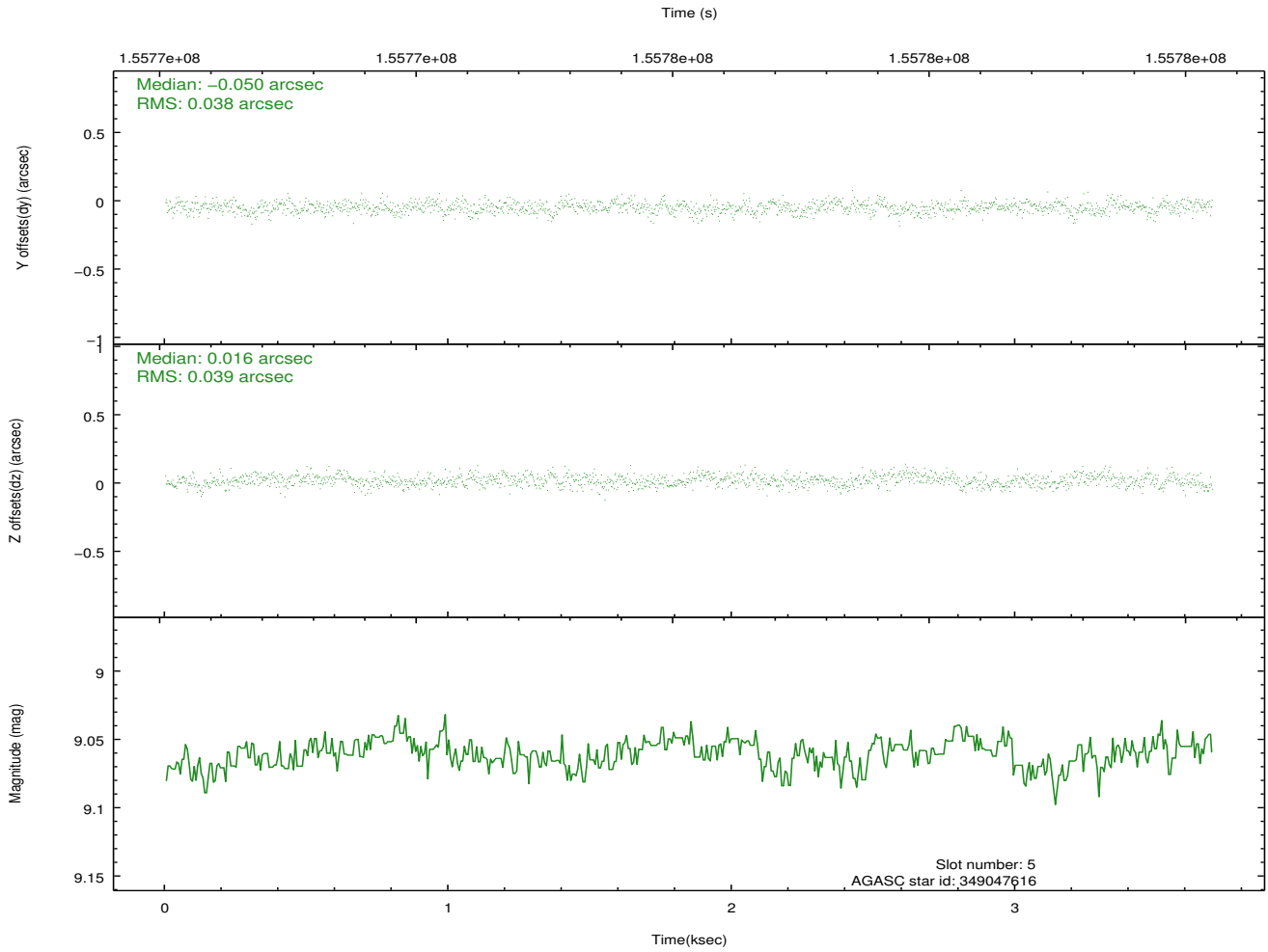
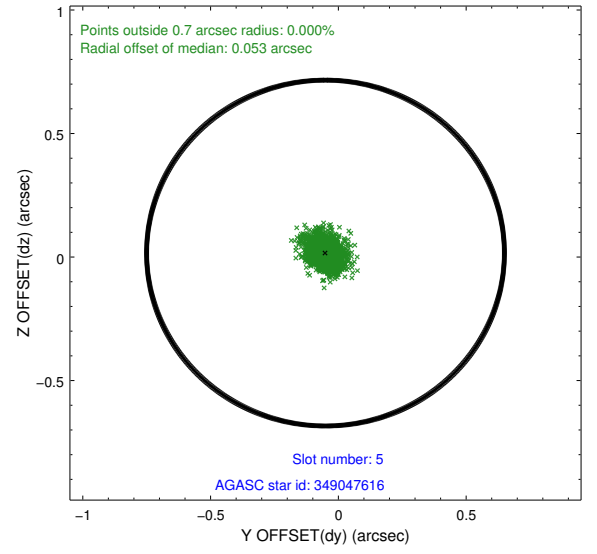
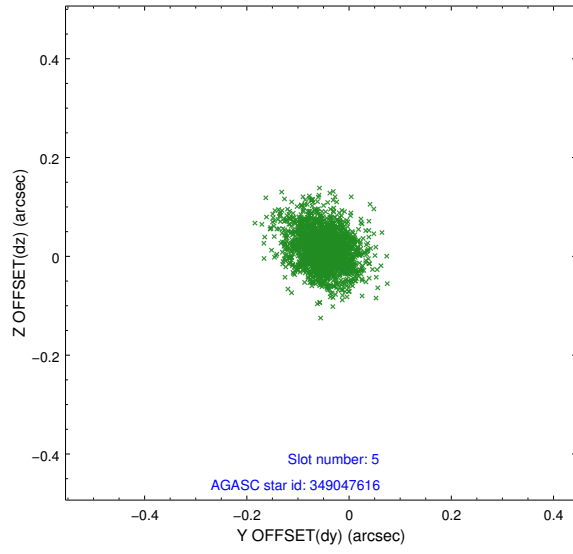
2.4.1 Slot 3



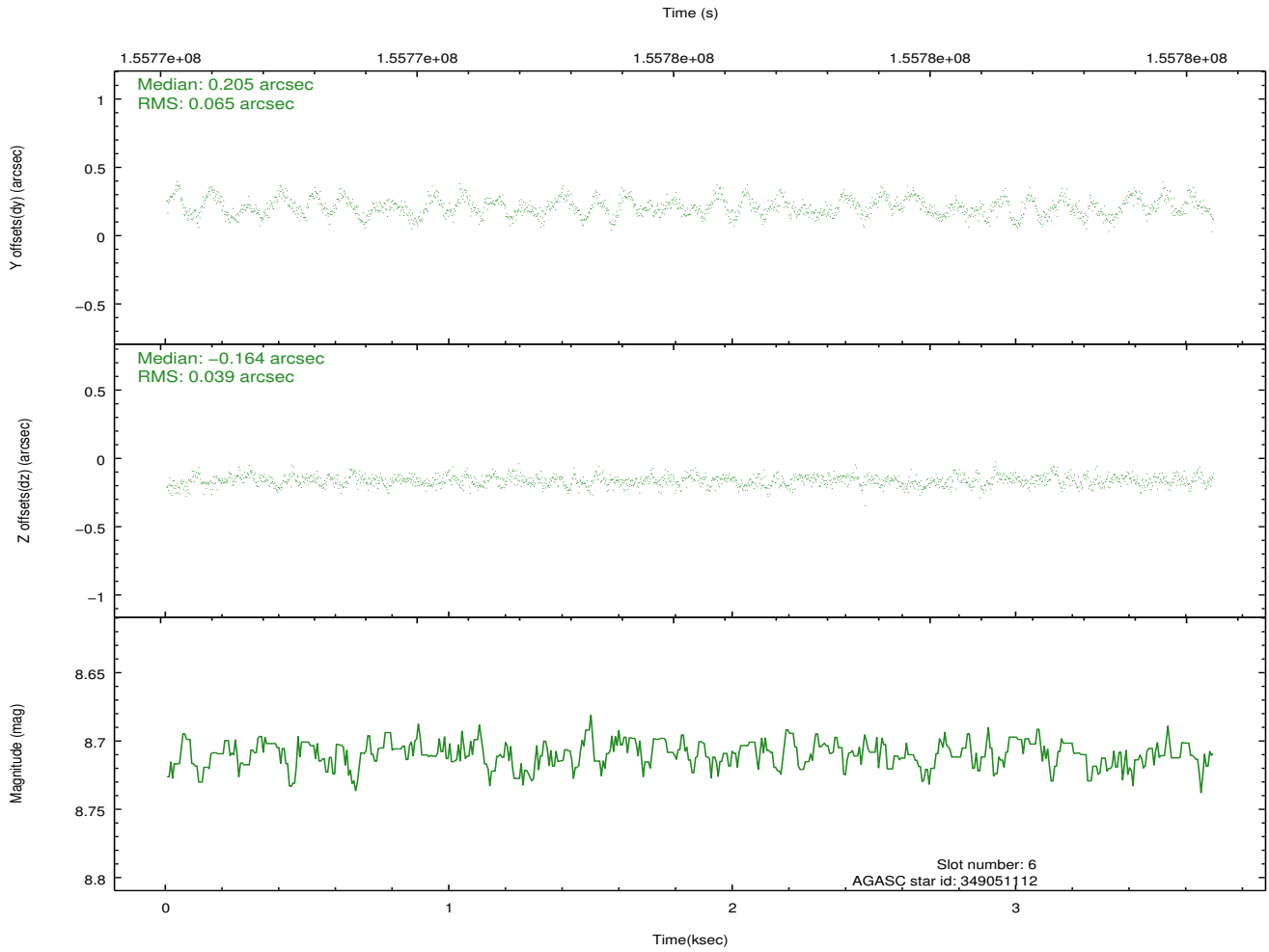
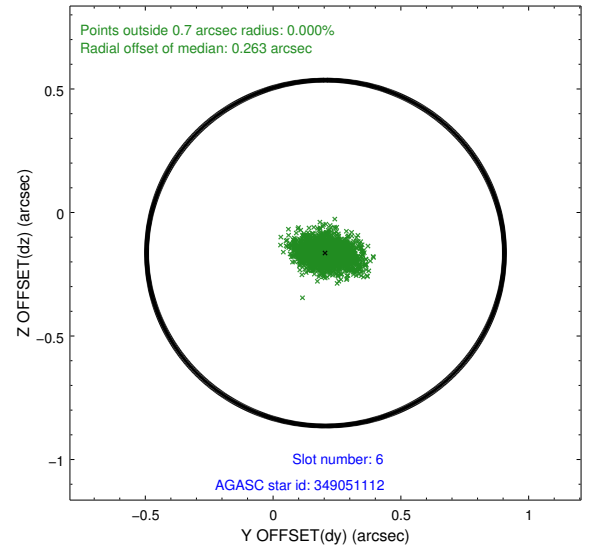
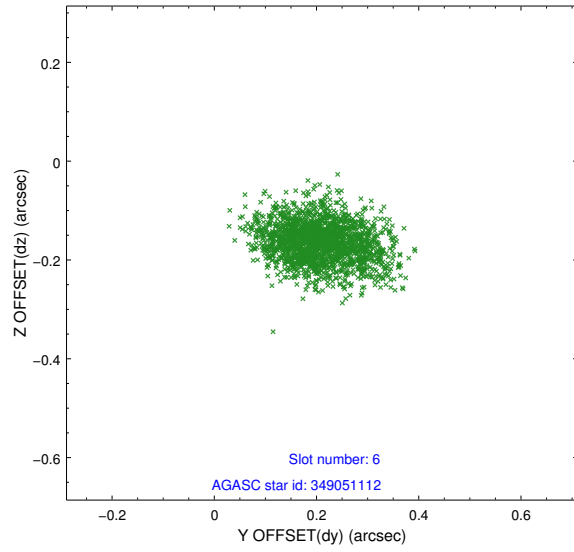
2.4.2 Slot 4



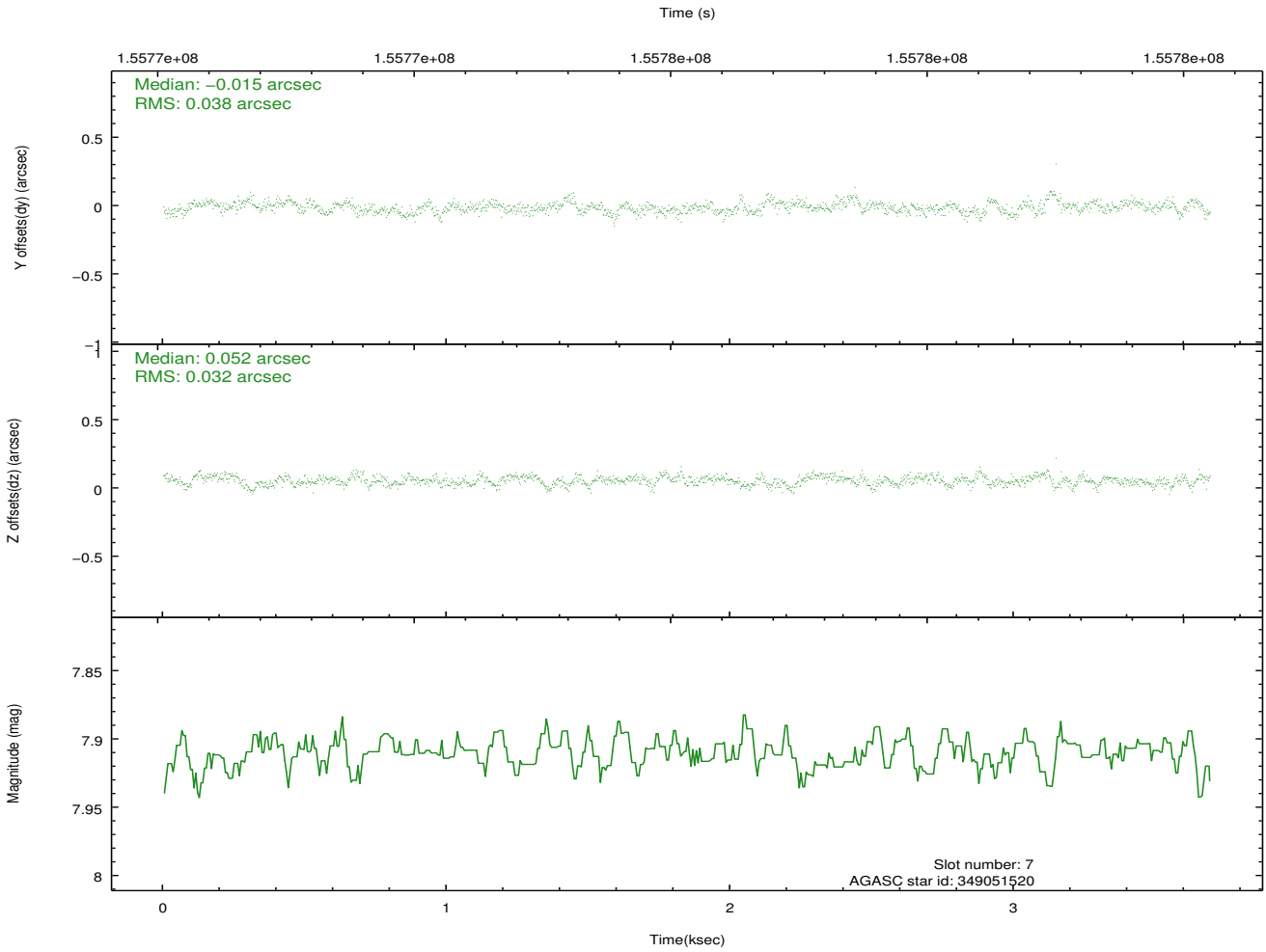
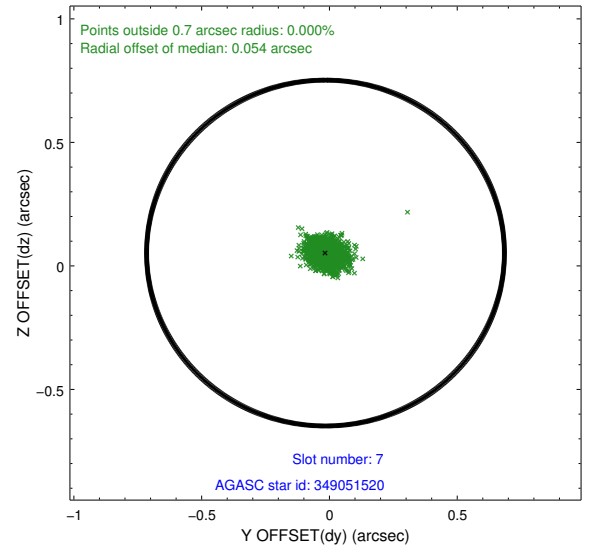
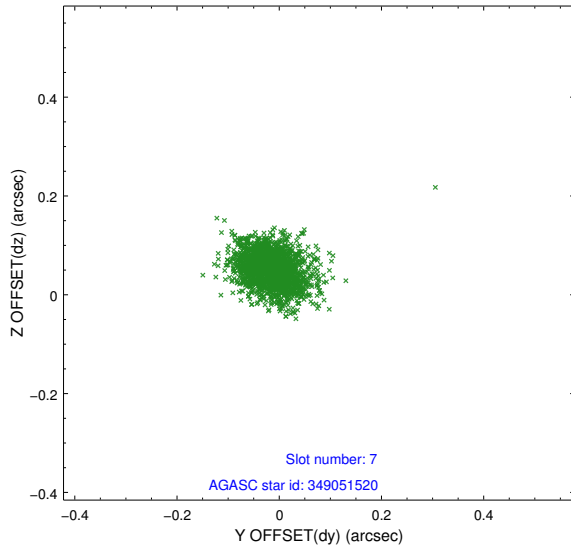
2.4.3 Slot 5



2.4.4 Slot 6

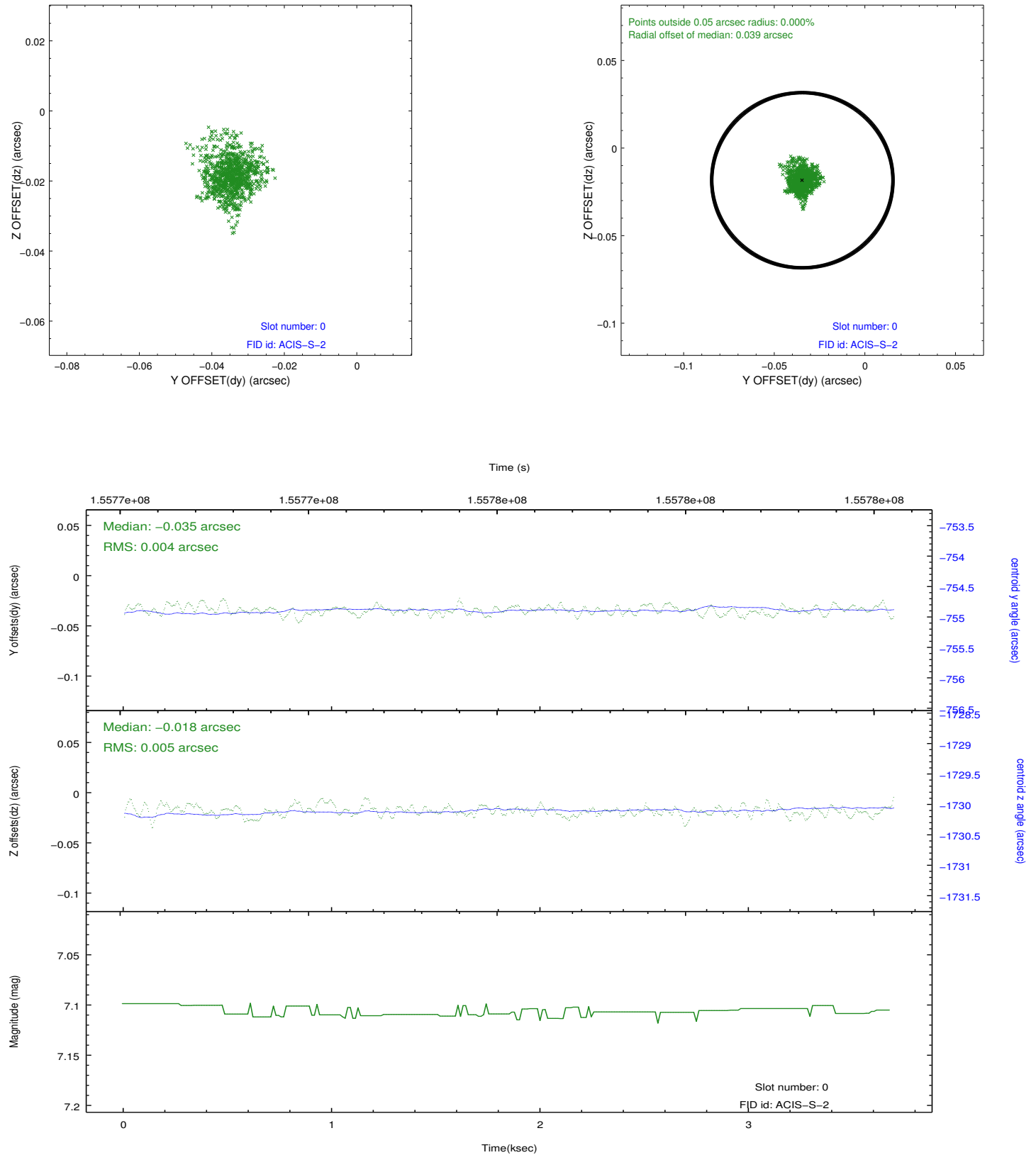


2.4.5 Slot 7

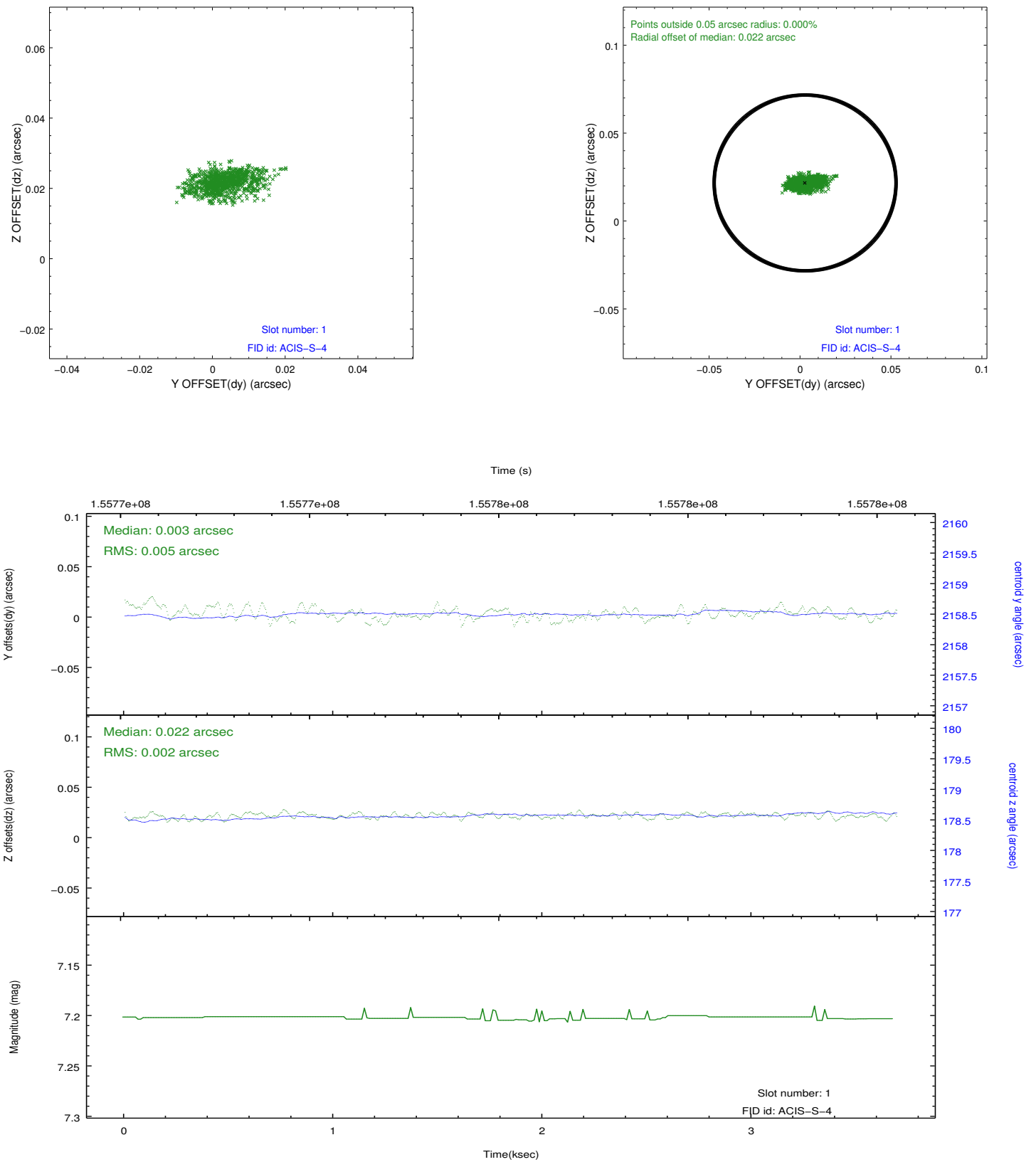


2.5 FID Slots

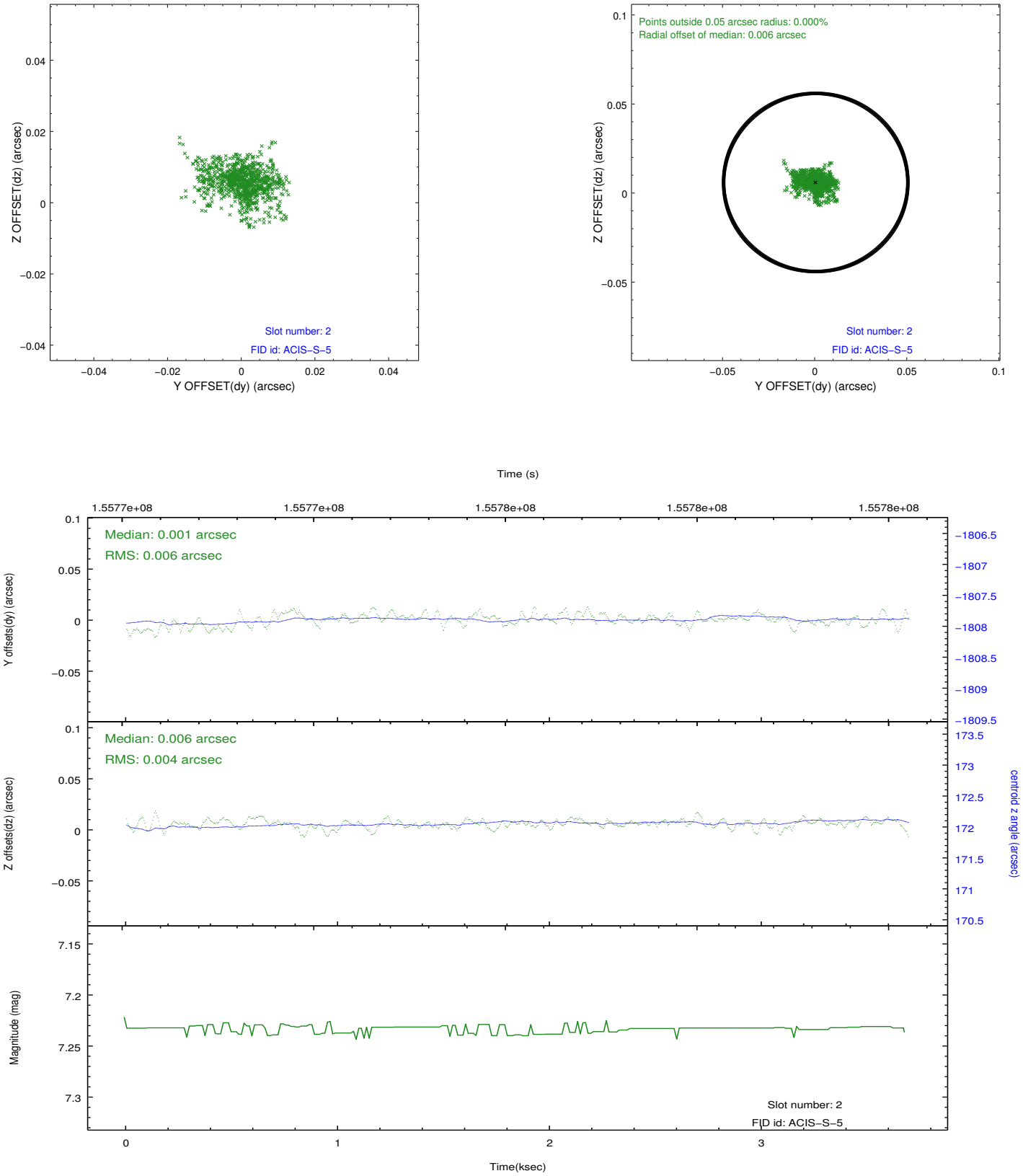
2.5.1 Slot 0



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	3.691

A.2 Comments