

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3888 - L2 Version 3
Chandra X-Ray Center

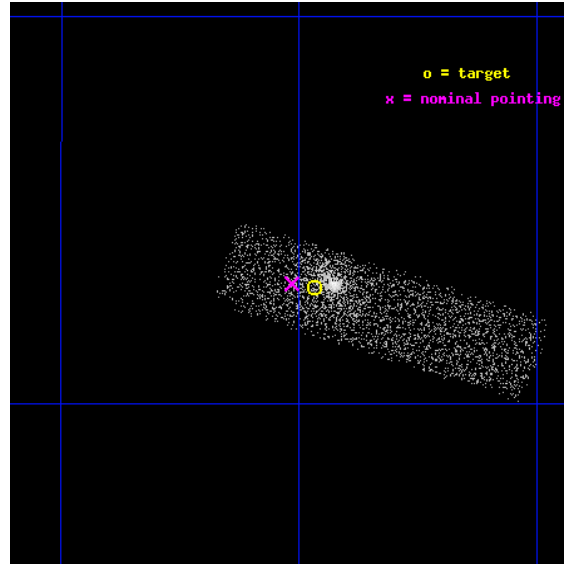
L2 Processing Date : Oct 21 2012

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1 Front

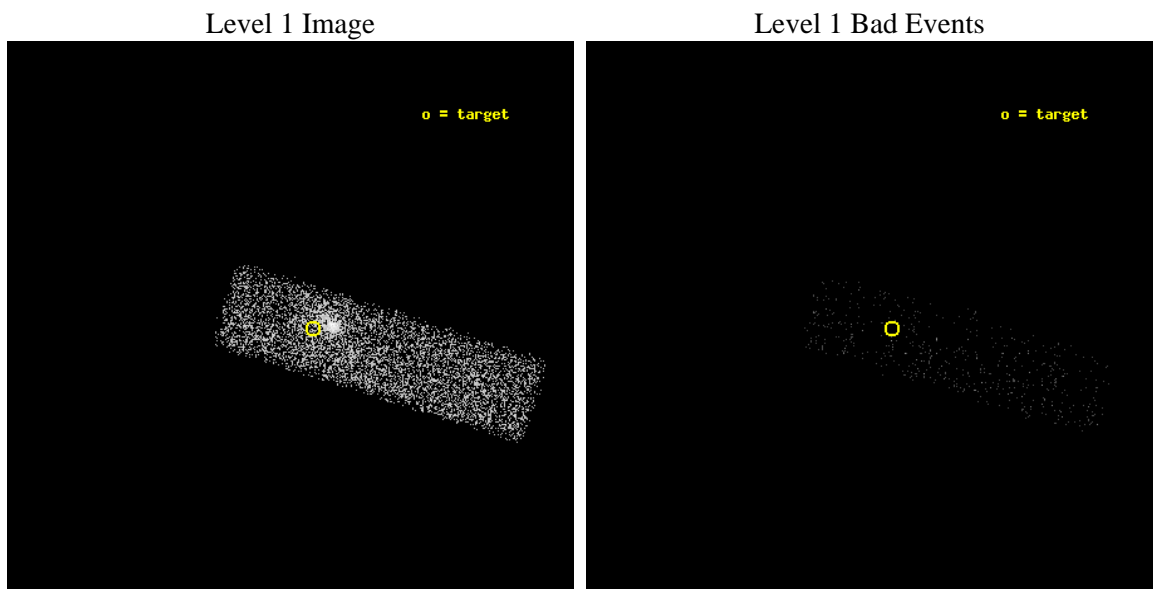
seq_num	500367	Sequence number
obs_id	3888	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	RX J193458.1+335301	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	293.742083	Observer's specified target RA [deg]
dec_targ	33.88375	Observer's specified target Dec [deg]
ra_nom	293.75381554864	Nominal RA [deg]
dec_nom	33.88497009179	Nominal Dec [deg]
roll_nom	17.390098182977	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3463.2000516057	Sum of GTIs [s]
livetime	3294.2072211602	Livetime [s]
ontime7	3463.2000516057	Sum of GTIs [s]
l2events	4317	Number of level 2 events



2 OBI

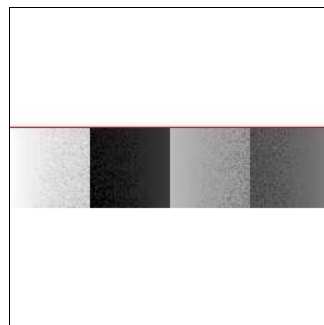
2.1 OBI

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	3463.2000516057	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3463.2000516057	Sum of GTIs [s]
date	2012-10-21T04:53:47	Date and time of file creation	l1events	9143	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

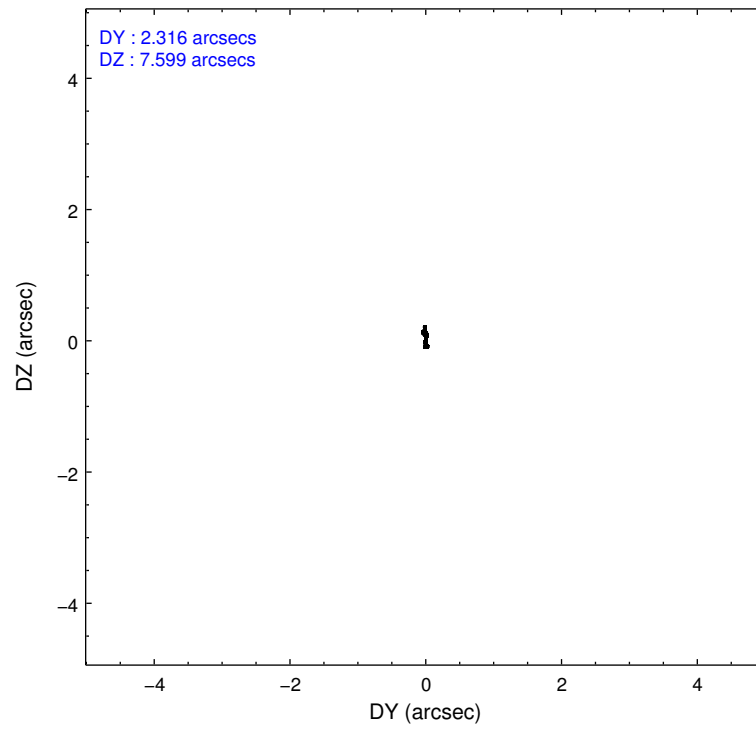
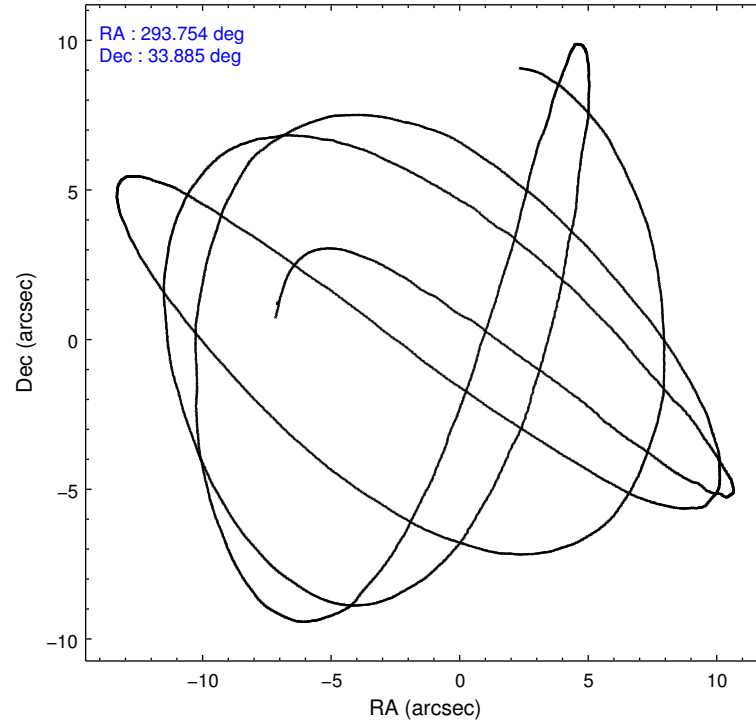
	ccd 7
level 1 events	9143
rejected events	4723
rejected %	51%

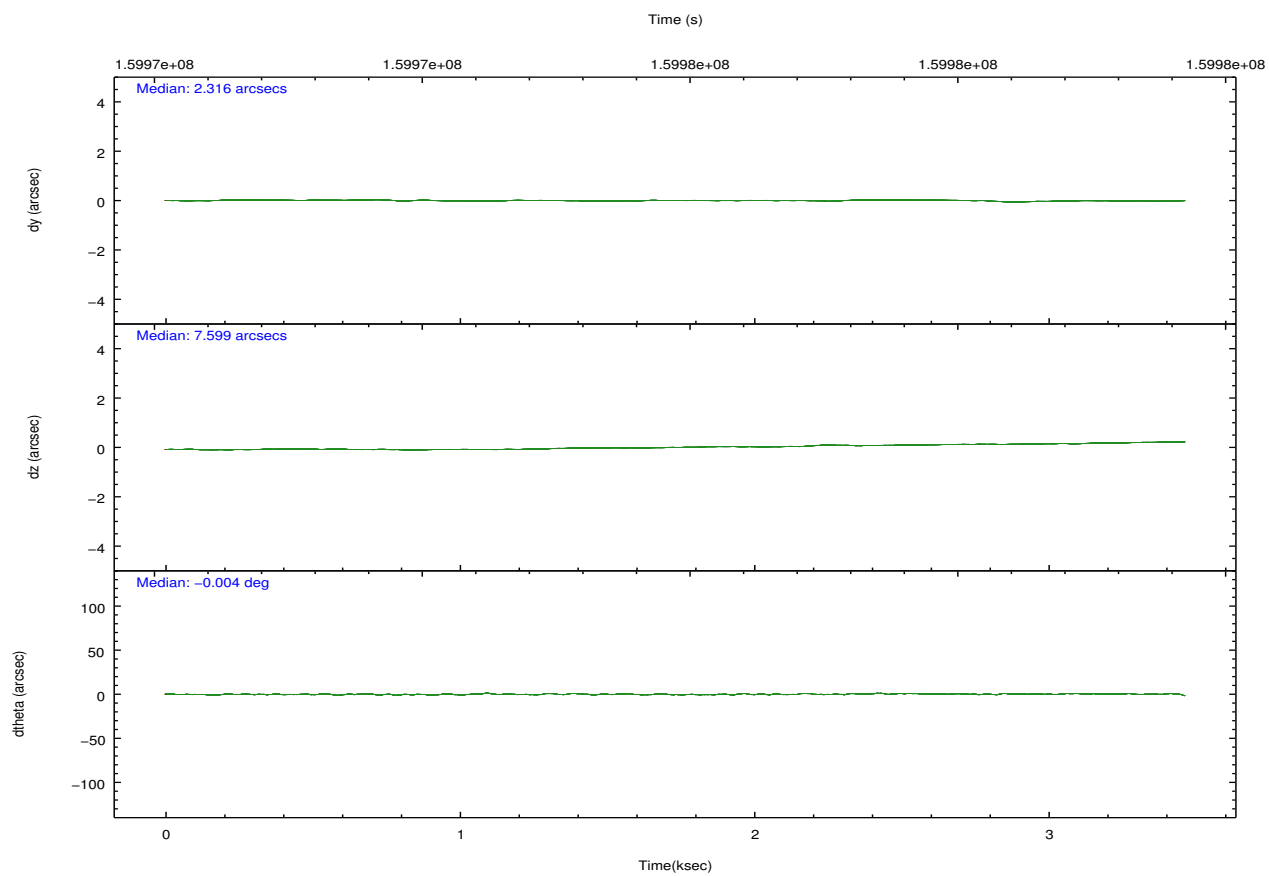
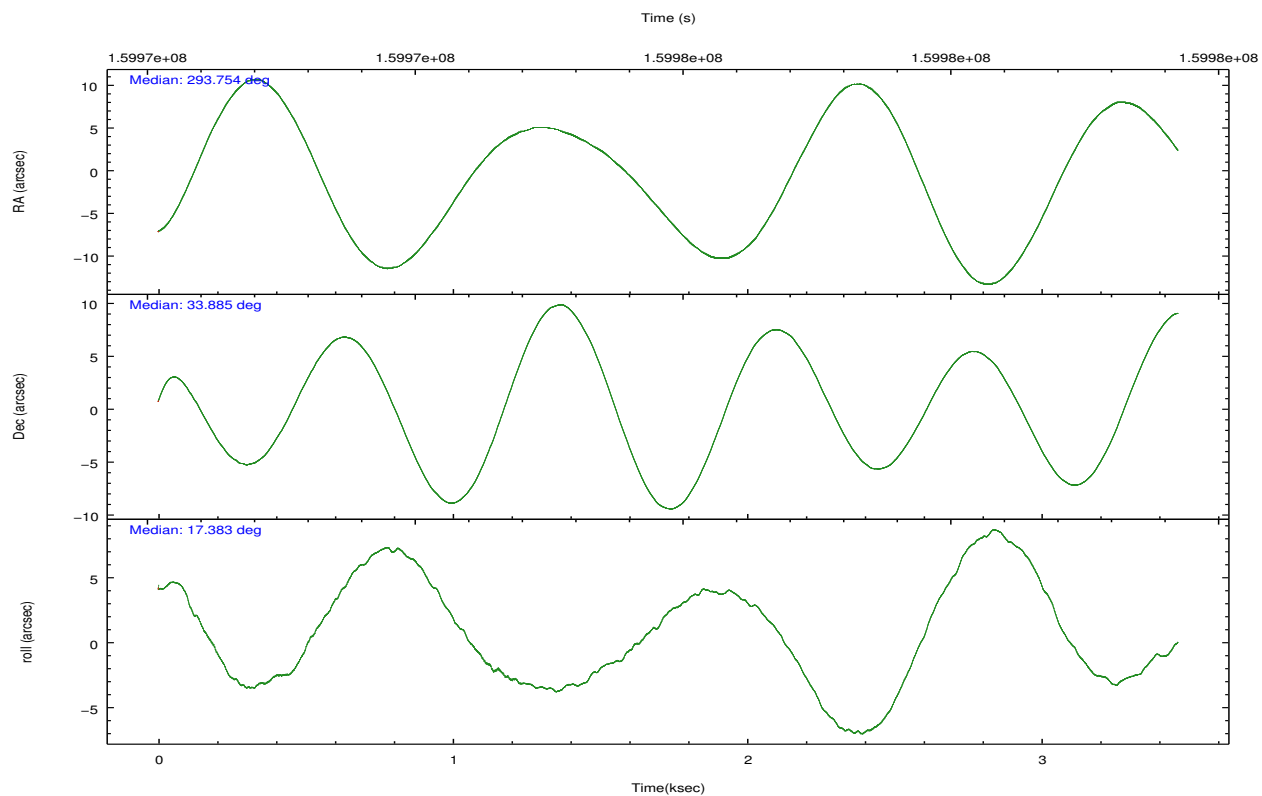
	ccd 7
grade 0 events	717
	7%
grade 1 events	8
	0%
grade 2 events	1031
	11%
grade 3 events	574
	6%
grade 4 events	496
	5%
grade 5 events	782
	8%
grade 6 events	2002
	21%
grade 7 events	3533
	38%

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	293.731761	293.7538155486379	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	33.864687	33.88497009179007	Subarray start row	384	385
[deg] Pointing Roll	17.245785	17.3900981829766	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)	159973677.184000	159972575.89709			
Observation start date	2003-01-26T13:06:53	2003-01-26T12:49:35			
[s] Observation end time (MET)	159976677.184000	159977044.38478			
Observation end date	2003-01-26T13:56:53	2003-01-26T14:04:04			
Read mode	TIMED	TIMED			

2.3 Aspect



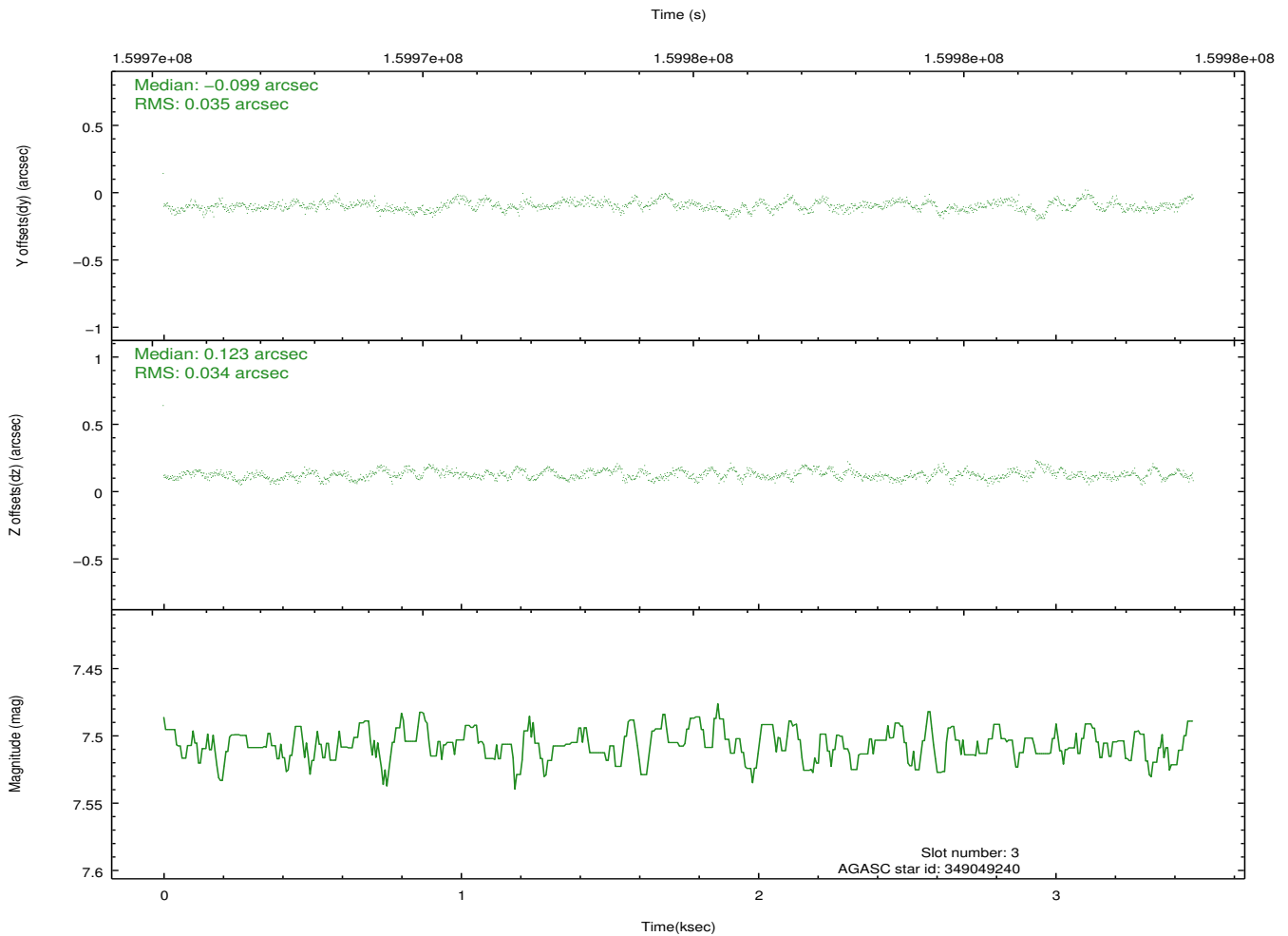
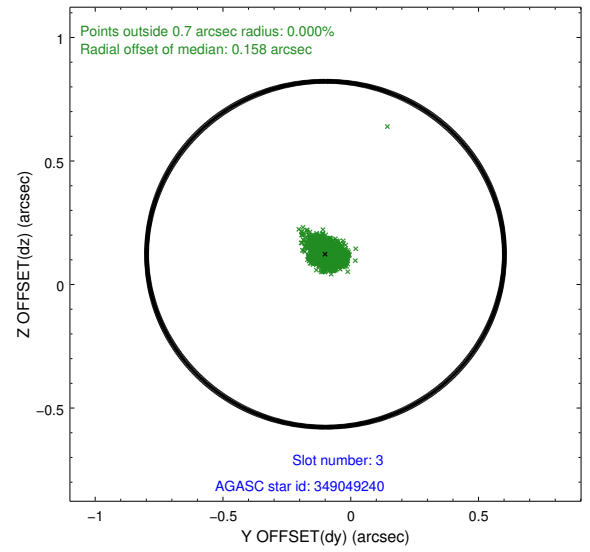
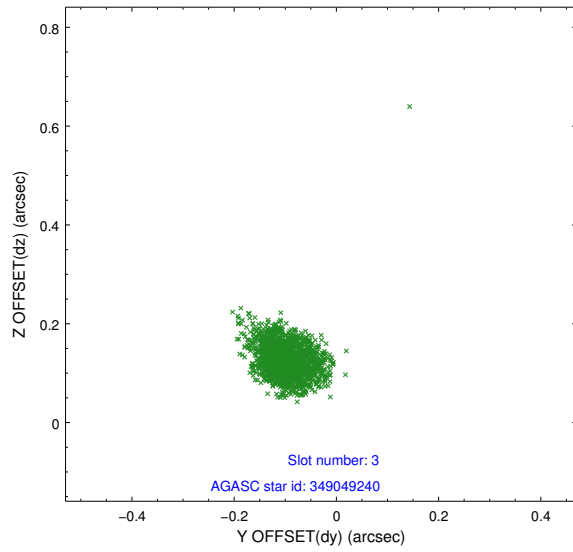


Slot Statistics

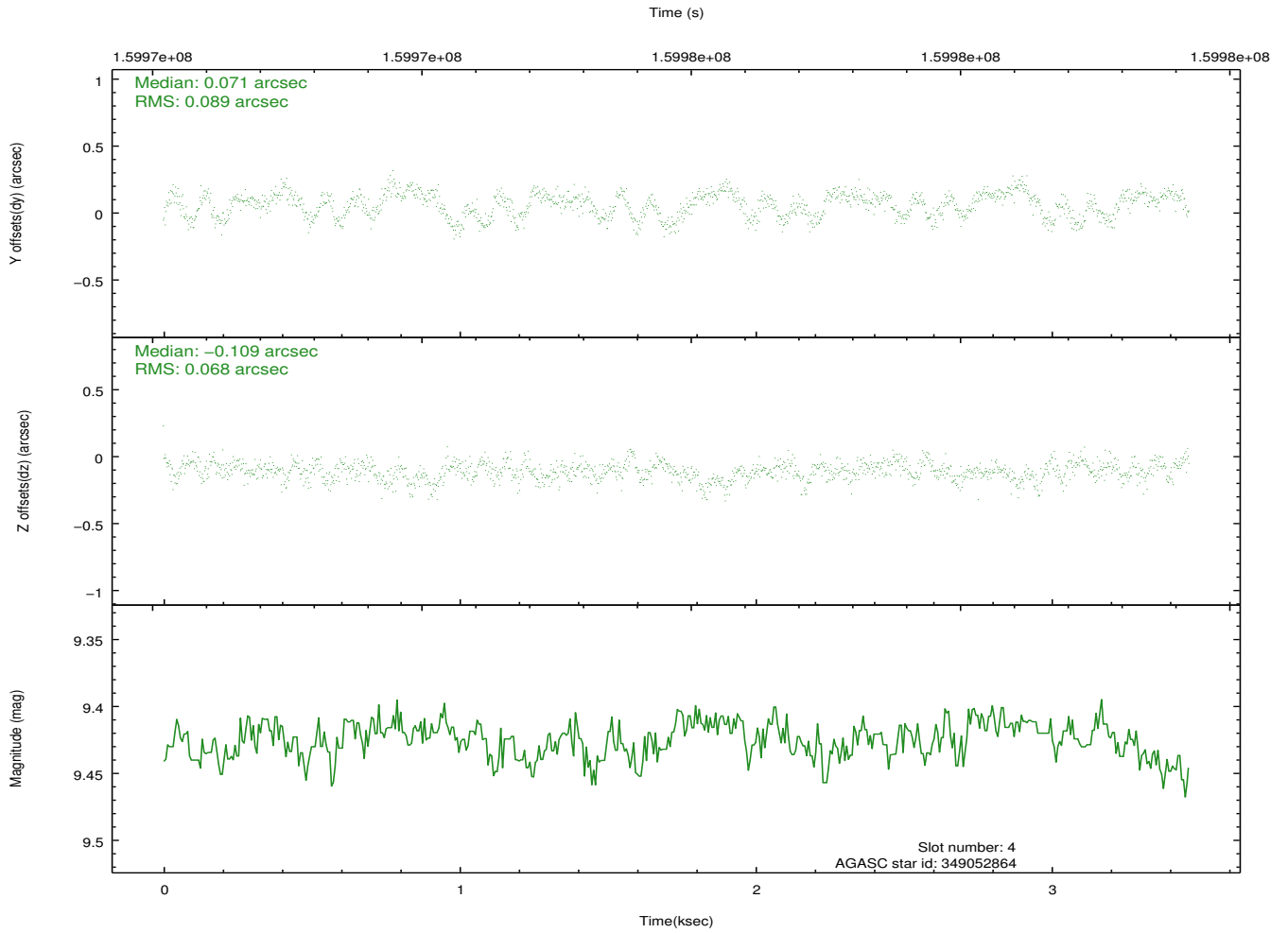
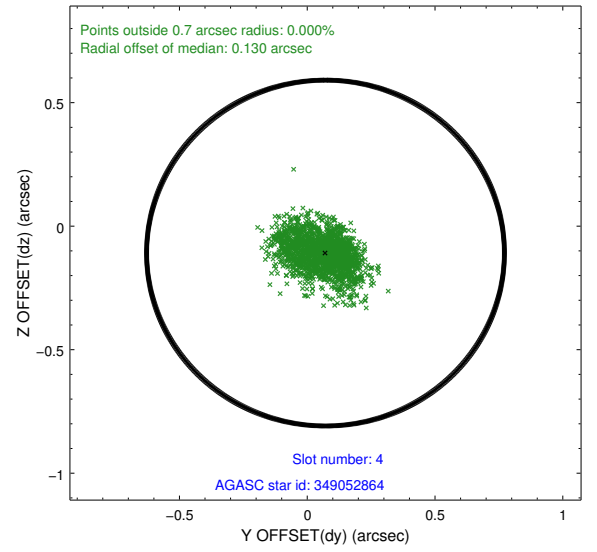
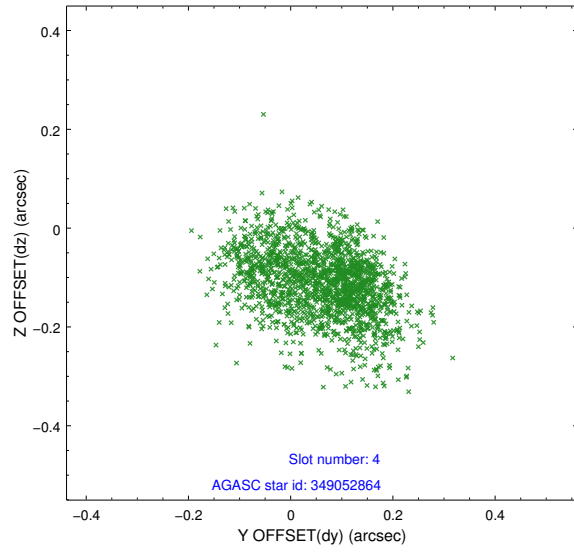
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	846	0.038	-0.034	0.007	0.013	0.000000	0.000000	941.10	-1724.48
1	FID	ACIS-S-4	7.20	846	-0.047	0.009	0.006	0.010	0.000000	0.000000	2159.47	177.83
2	FID	ACIS-S-5	7.23	845	-0.018	0.037	0.005	0.009	0.000000	0.000000	-1805.44	173.57
3	GUIDE	349049240	7.51	1691	-0.099	0.123	0.050	0.080	294.496757	33.893272	2215.55	-570.41
4	GUIDE	349052864	9.42	1691	0.071	-0.109	0.120	0.197	293.343185	34.417801	-510.56	2245.65
5	GUIDE	348520960	8.16	1691	0.015	0.003	0.054	0.089	293.224165	33.410045	-1941.67	-1105.74
6	GUIDE	348522352	9.30	1691	-0.082	0.071	0.078	0.123	294.218795	33.547289	1056.38	-1521.35
7	GUIDE	349049576	9.17	1689	0.096	-0.088	0.108	0.186	293.157808	34.309167	-1154.18	2037.95

2.4 Star Slots

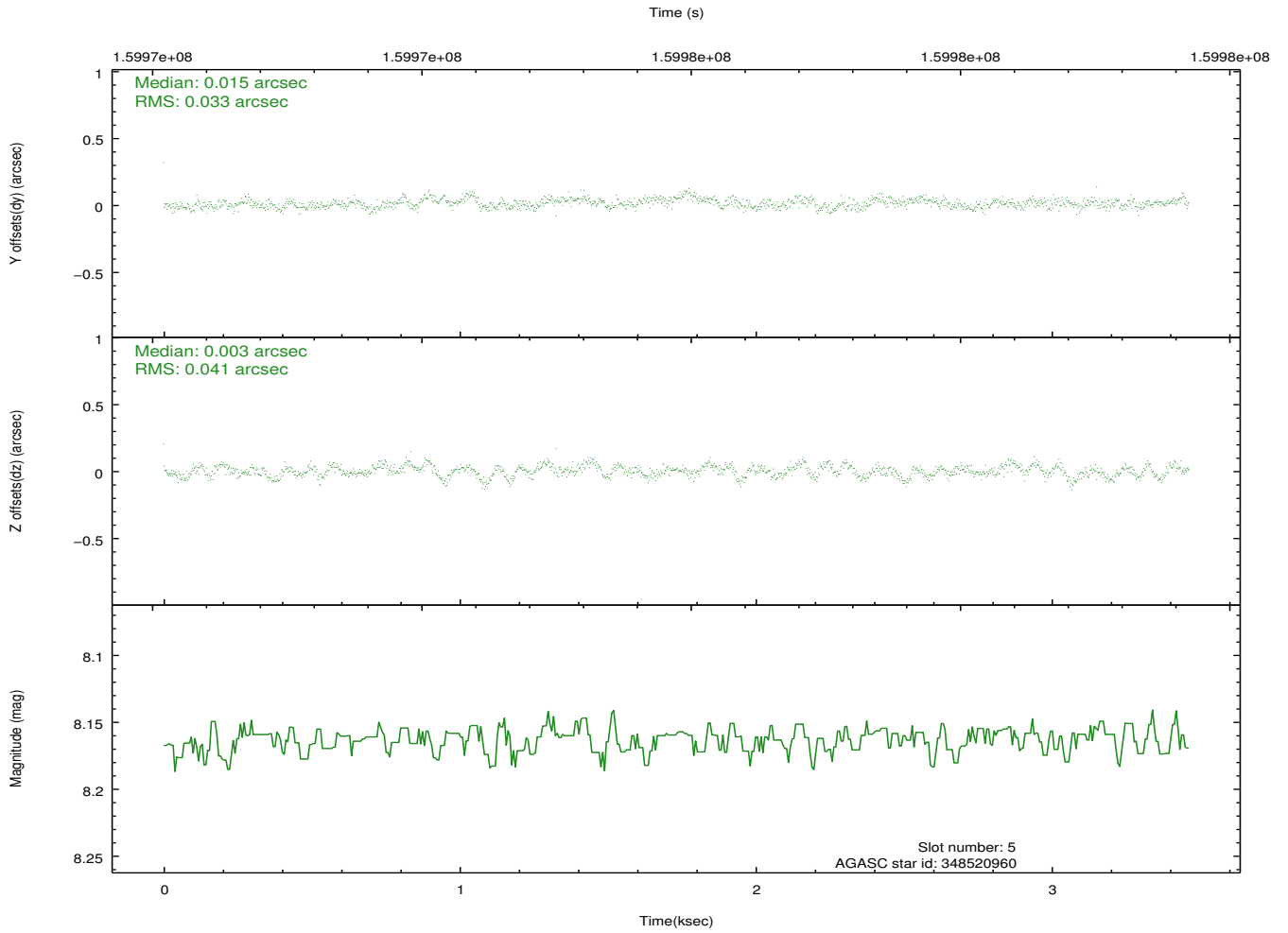
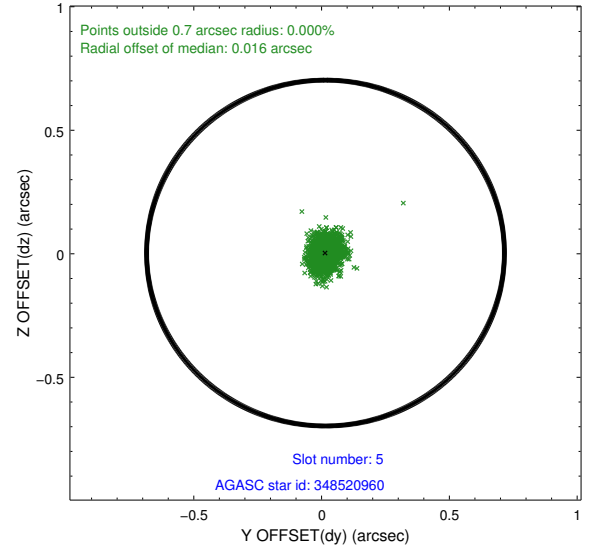
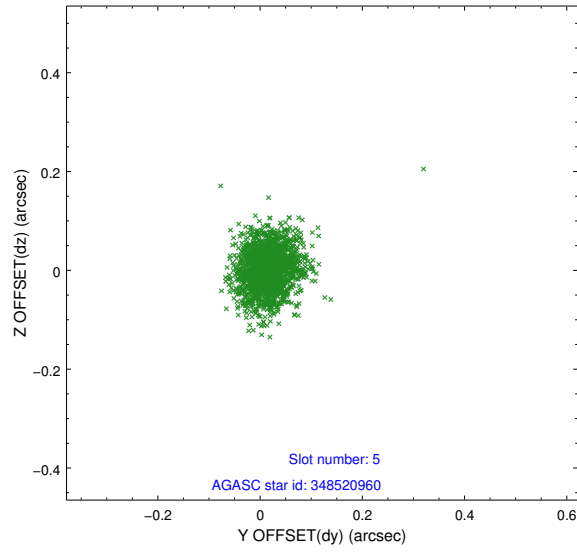
2.4.1 Slot 3



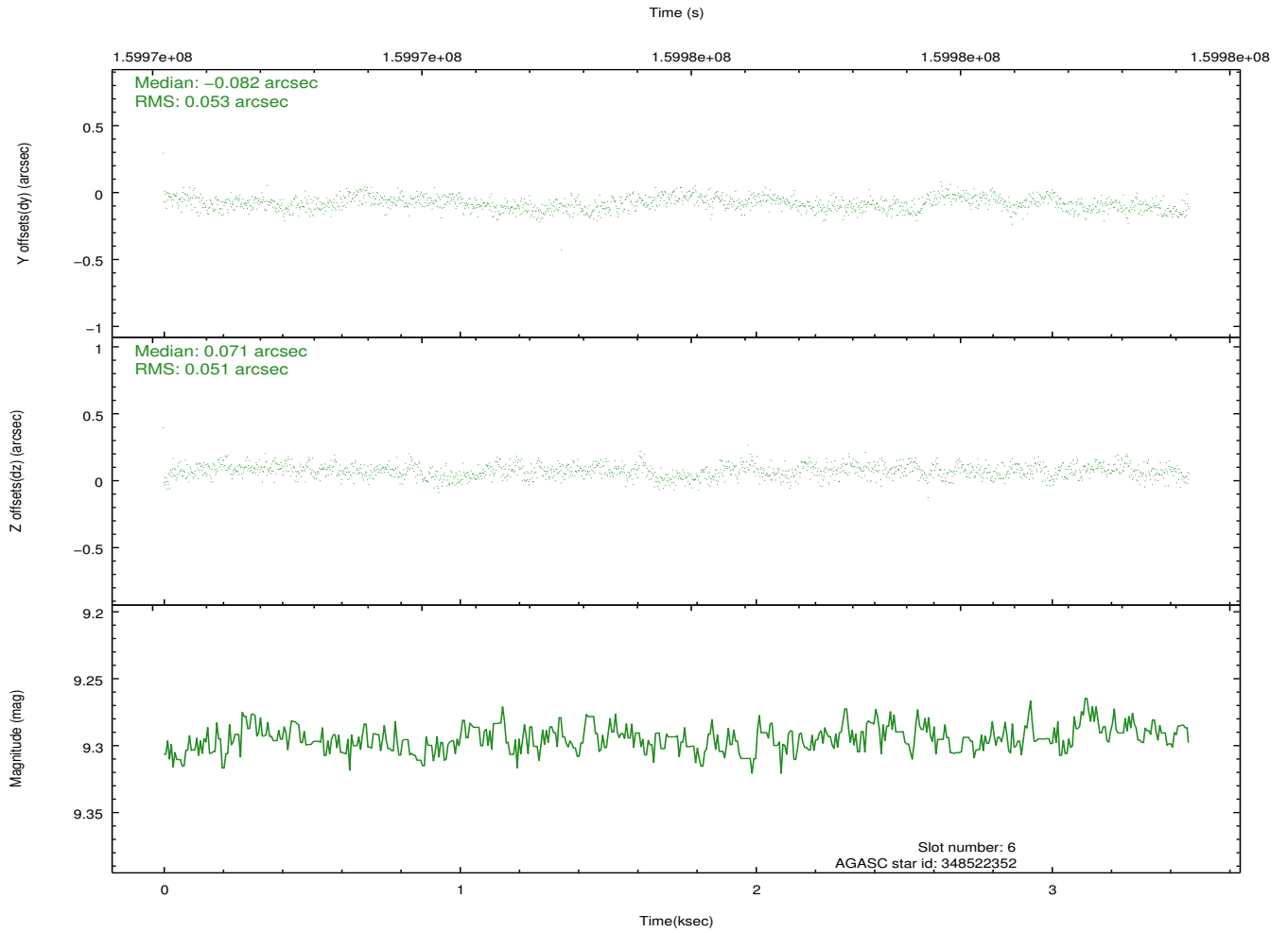
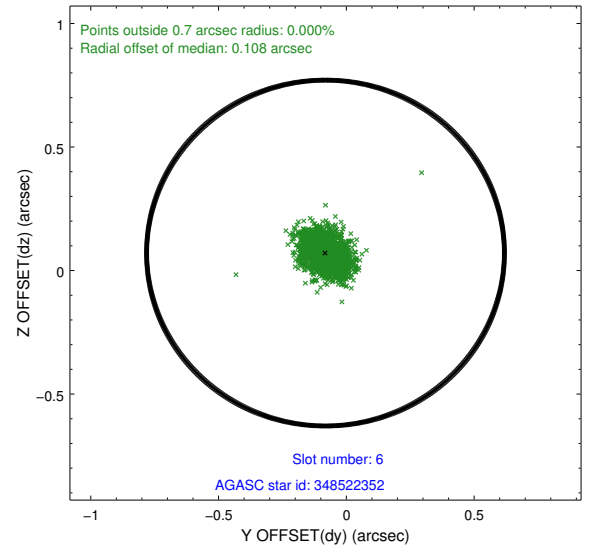
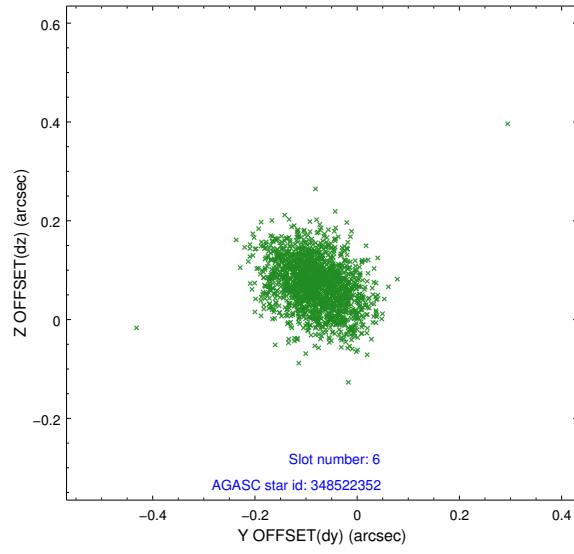
2.4.2 Slot 4



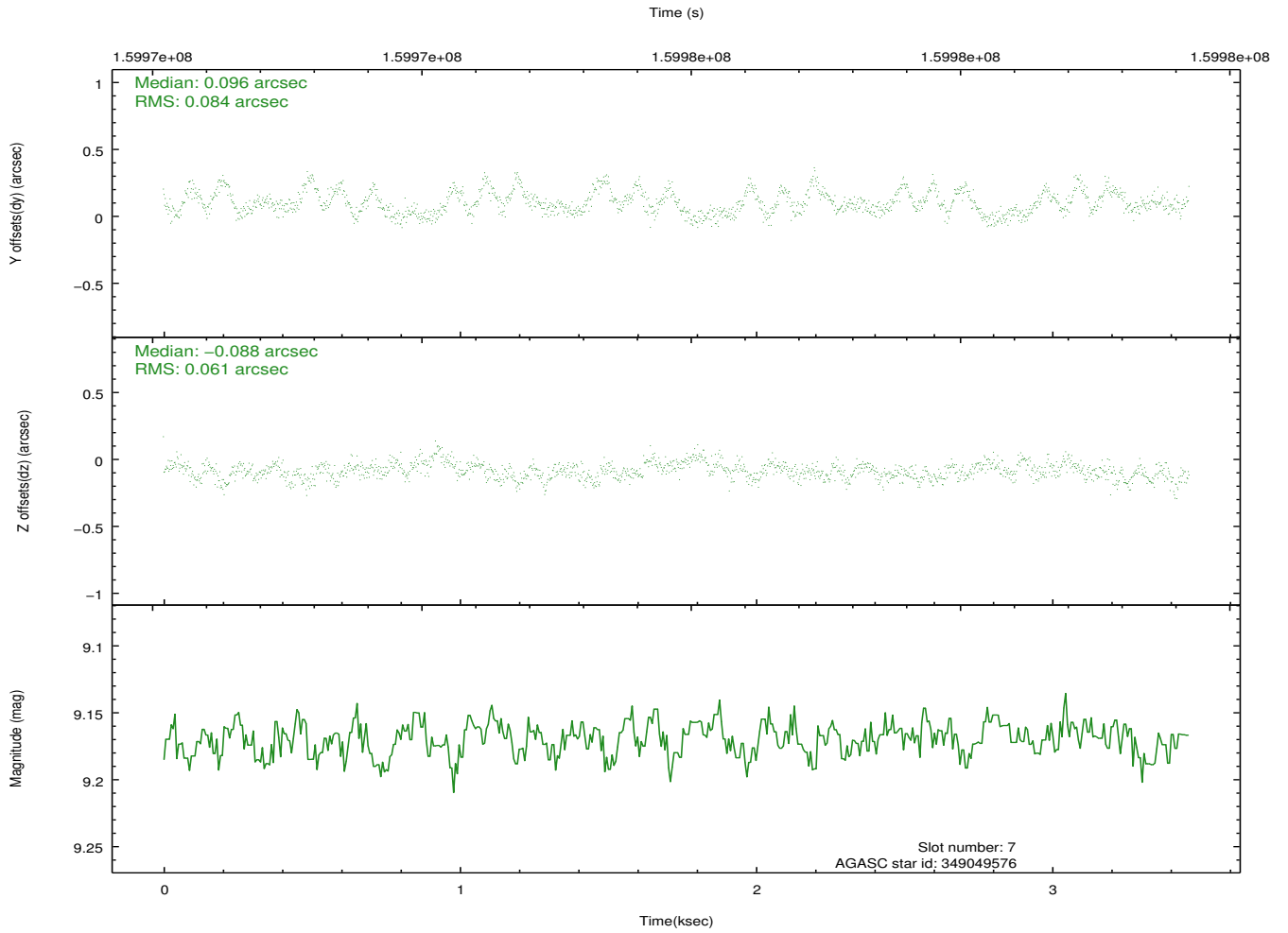
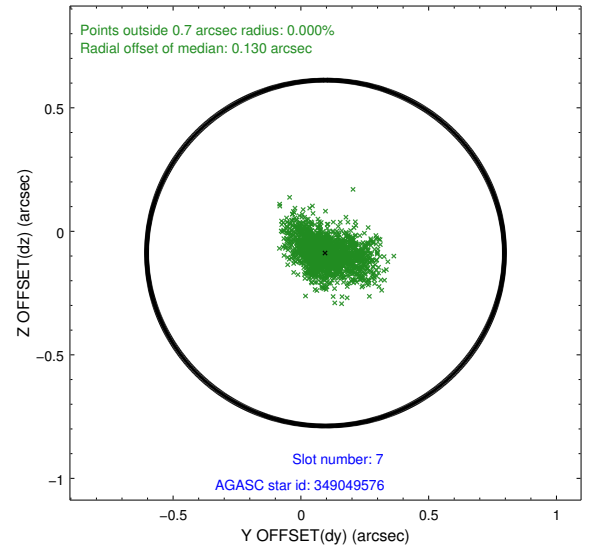
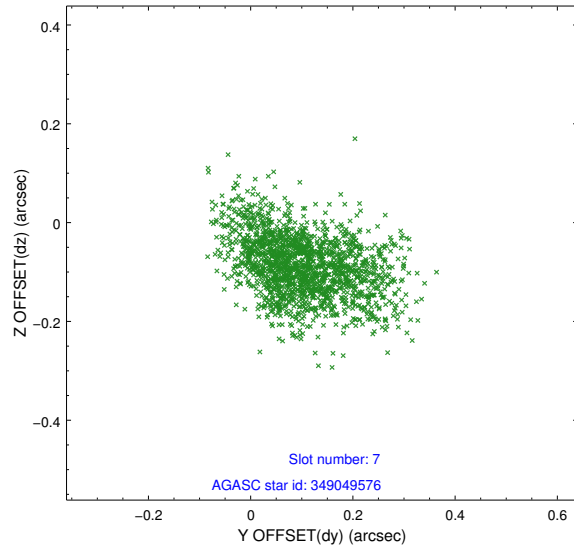
2.4.3 Slot 5



2.4.4 Slot 6

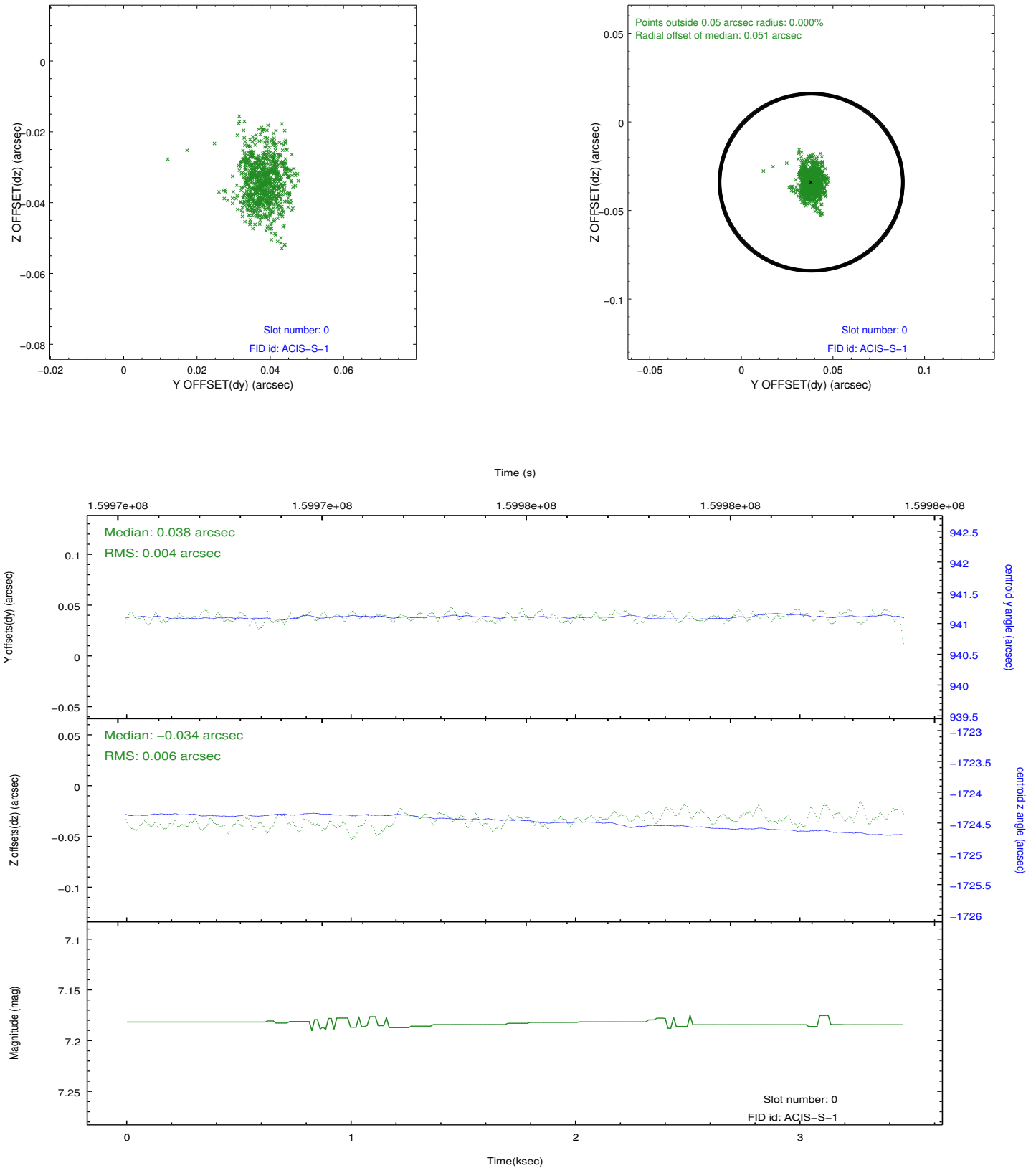


2.4.5 Slot 7

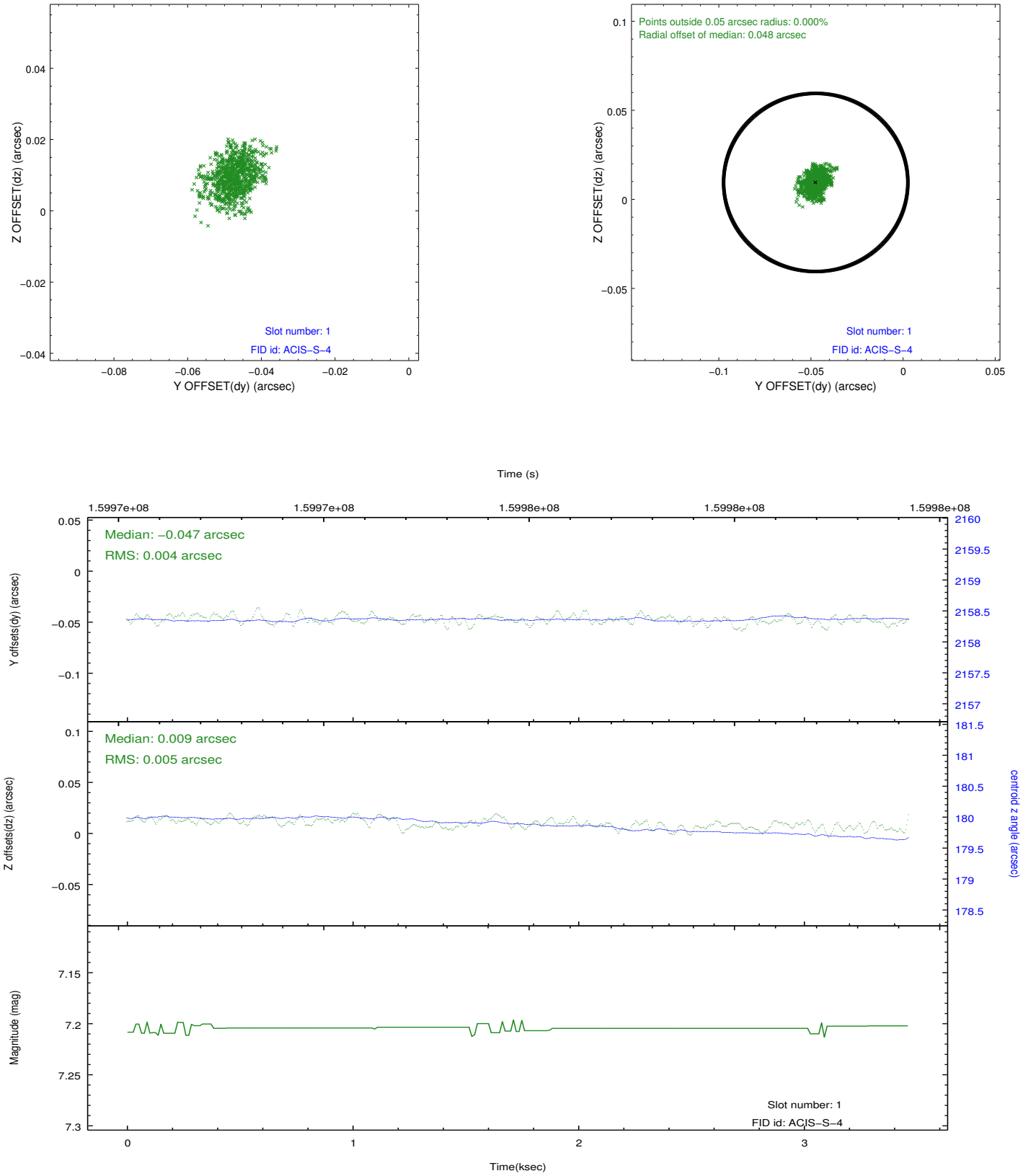


2.5 FID Slots

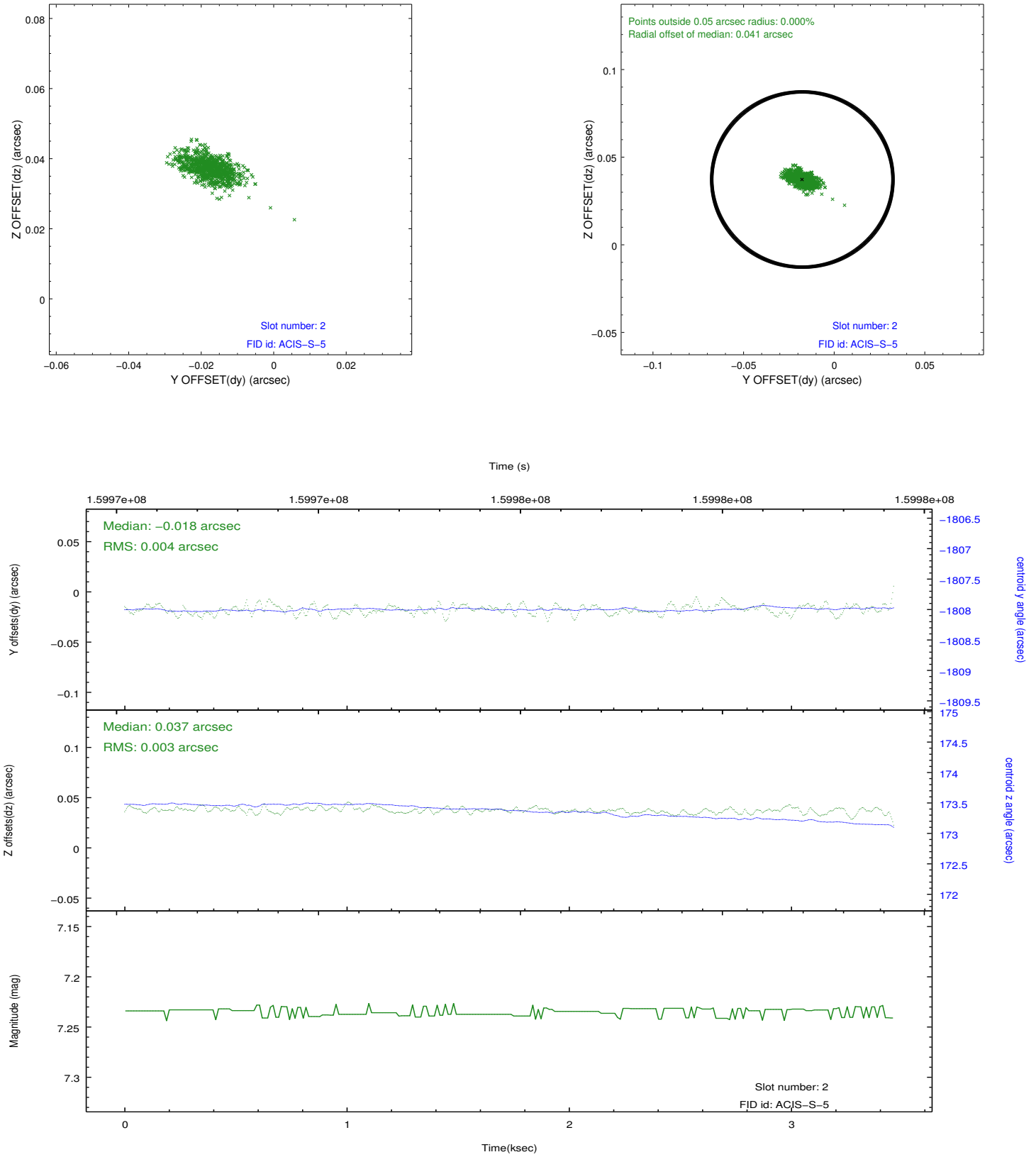
2.5.1 Slot 0



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	3.463

A.2 Comments