

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3516 - L2 Version 3
Chandra X-Ray Center

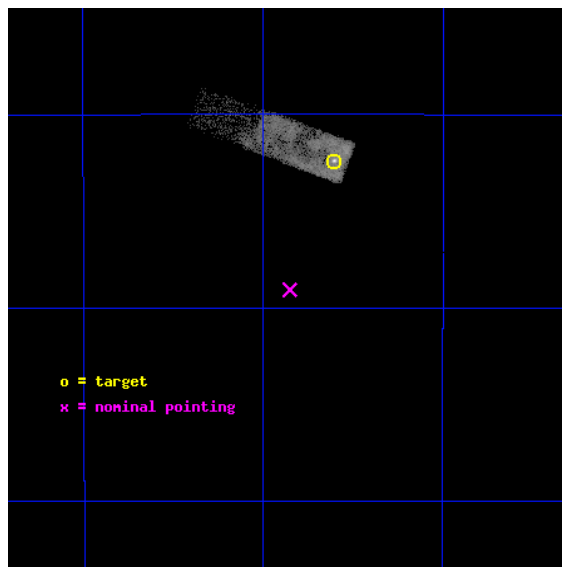
L2 Processing Date : Nov 1 2012

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1 Front

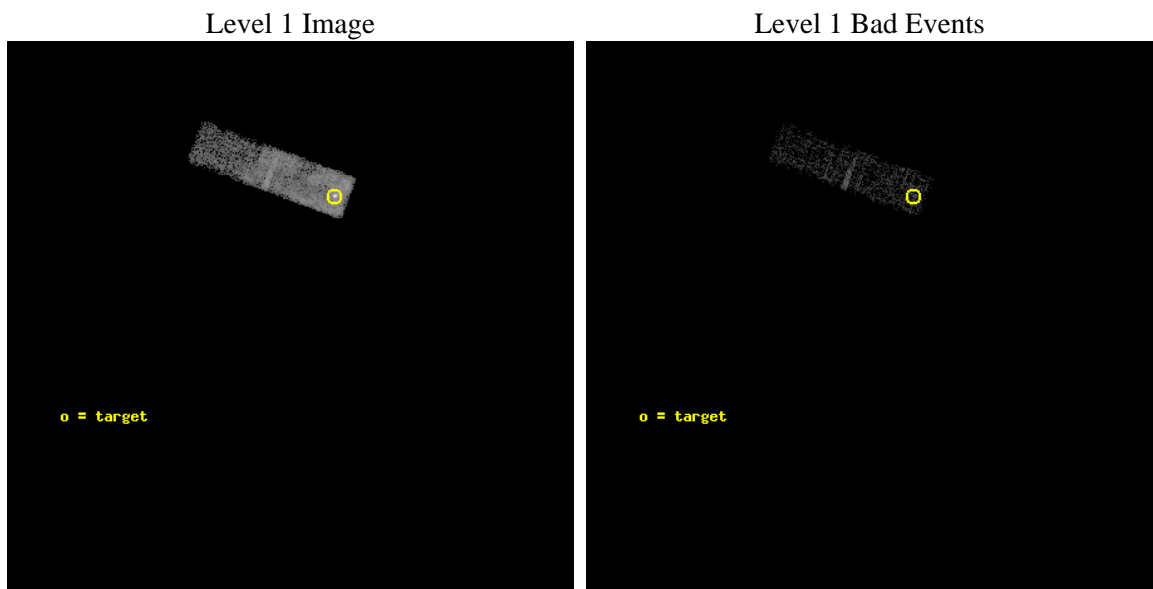
seq_num	500304	Sequence number
obs_id	3516	Observation id
title	OBSERVATION OF SNR RCW103	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	RCW103	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.40125	Observer's specified target RA [deg]
dec_targ	-51.040278	Observer's specified target Dec [deg]
ra_nom	244.46287424168	Nominal RA [deg]
dec_nom	-51.151268835272	Nominal Dec [deg]
roll_nom	290.31580675064	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5664.0000844002	Sum of GTIs [s]
livetime	5387.6154136785	Livetime [s]
ontime3	5664.0000844002	Sum of GTIs [s]
l2events	14506	Number of level 2 events



2 OBI

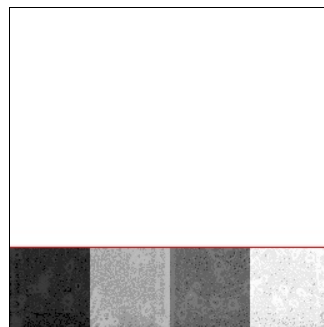
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4944.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5664.0000844002	Sum of GTIs [s]
caldsver	4.5.2	 	ontime3	5664.0000844002	Sum of GTIs [s]
date	2012-11-01T03:37:34	Date and time of file creation	l1events	24686	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

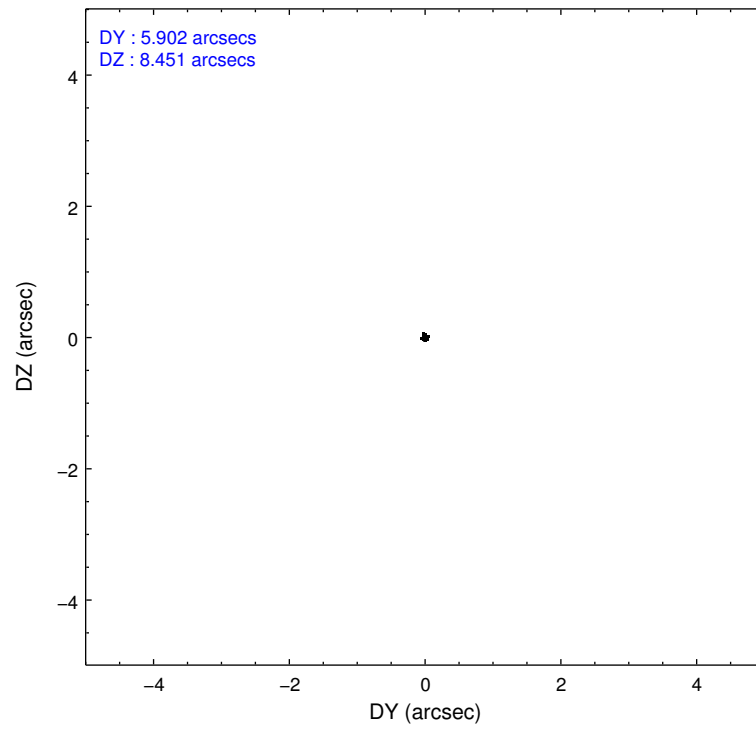
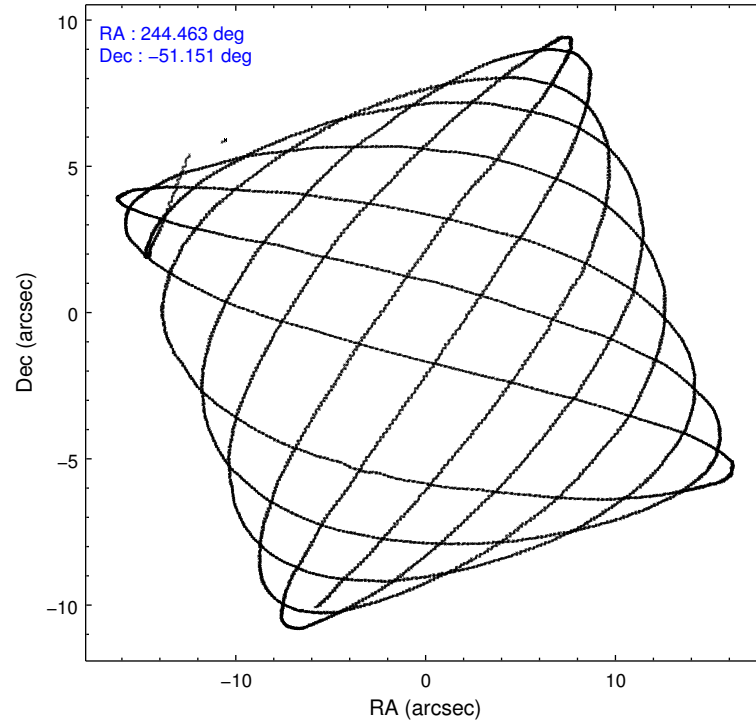
	ccd 3
level 1 events	24686
rejected events	9768
rejected %	39%

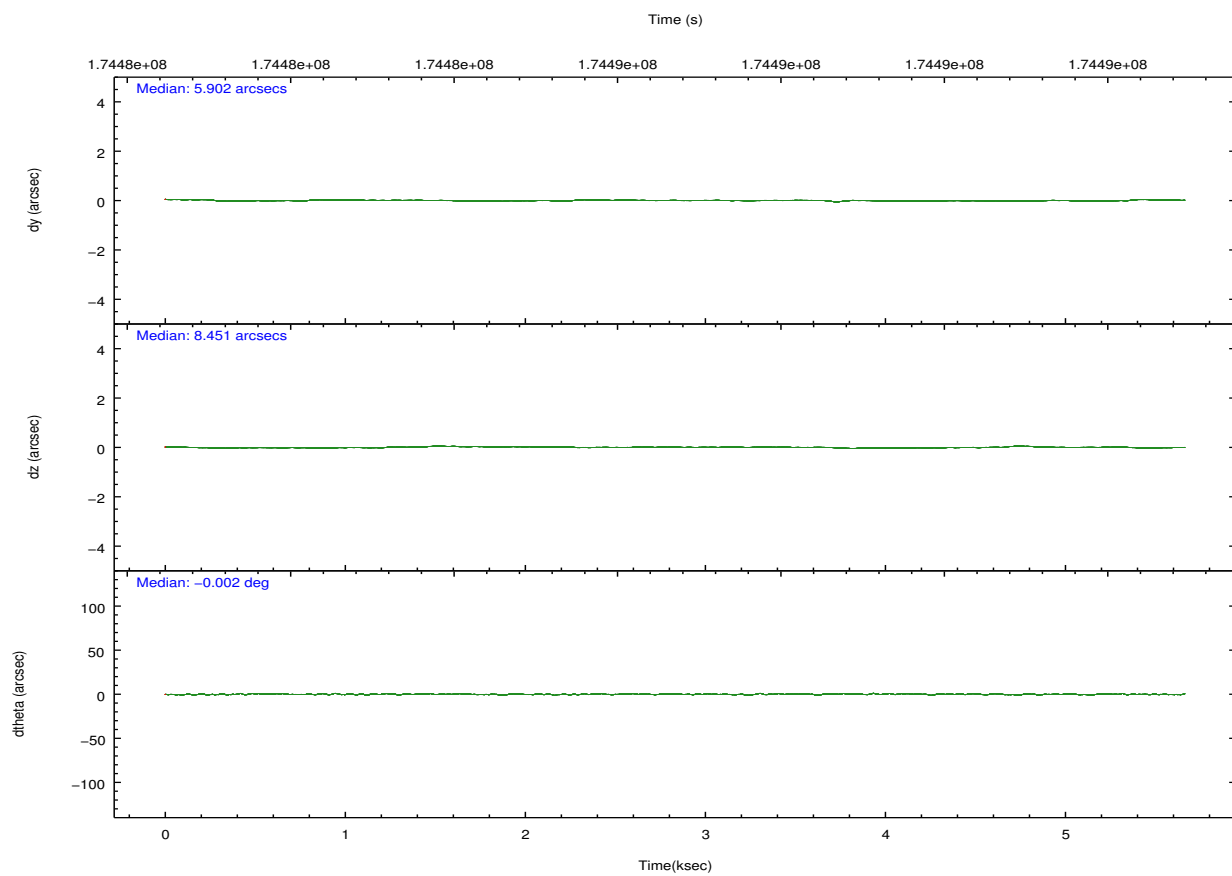
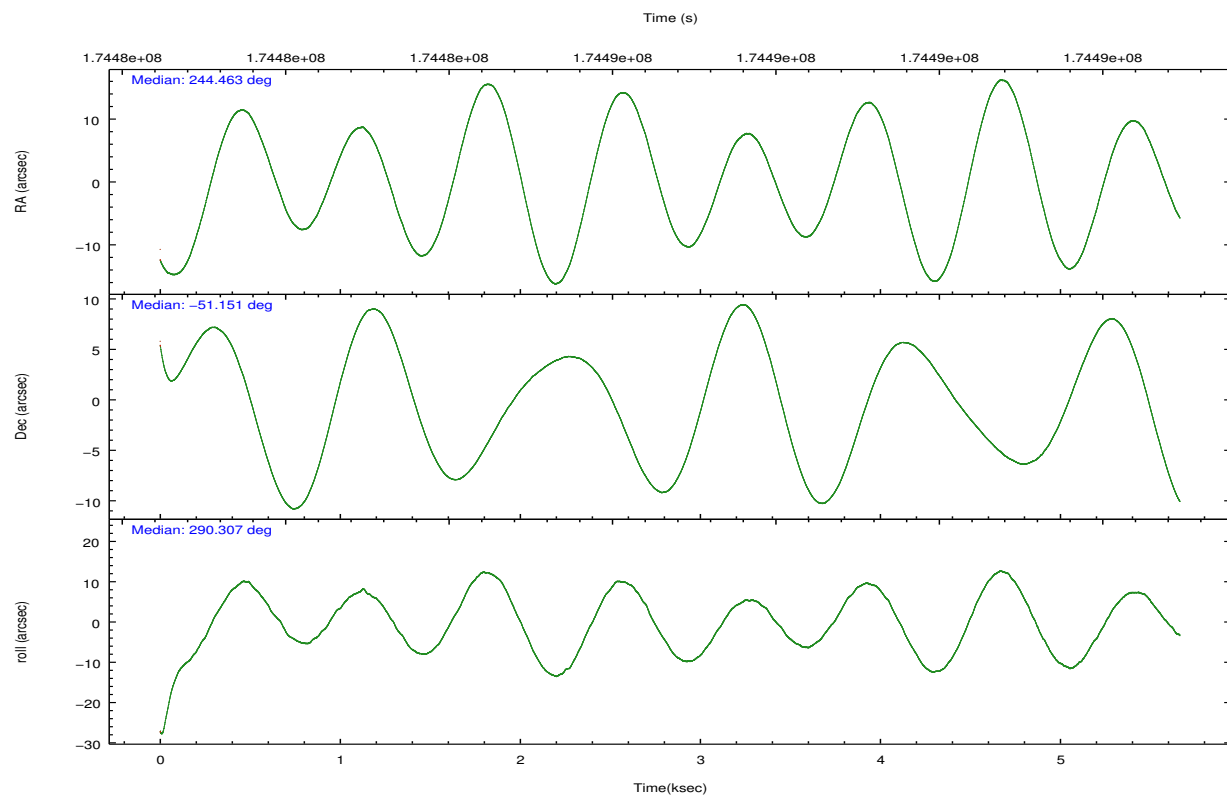
	ccd 3
grade 0 events	12217
	49%
grade 1 events	19
	0%
grade 2 events	1461
	5%
grade 3 events	564
	2%
grade 4 events	527
	2%
grade 5 events	367
	1%
grade 6 events	406
	1%
grade 7 events	9125
	36%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	244.429176	244.4628742416785	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-51.133955	-51.15126883527245	Subarray start row	1	1
[deg] Pointing Roll	290.080908	290.3158067506396	Subarray row count	256	256
[mm] SIM focus pos	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001439871863259334	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	174484240.184000	174483014.12278			
Observation start date	2003-07-13T11:49:36	2003-07-13T11:30:14			
[s] Observation end time (MET)	174489184.184000	174489828.83557			
Observation end date	2003-07-13T13:12:00	2003-07-13T13:23:48			
Read mode	TIMED	TIMED			

2.3 Aspect



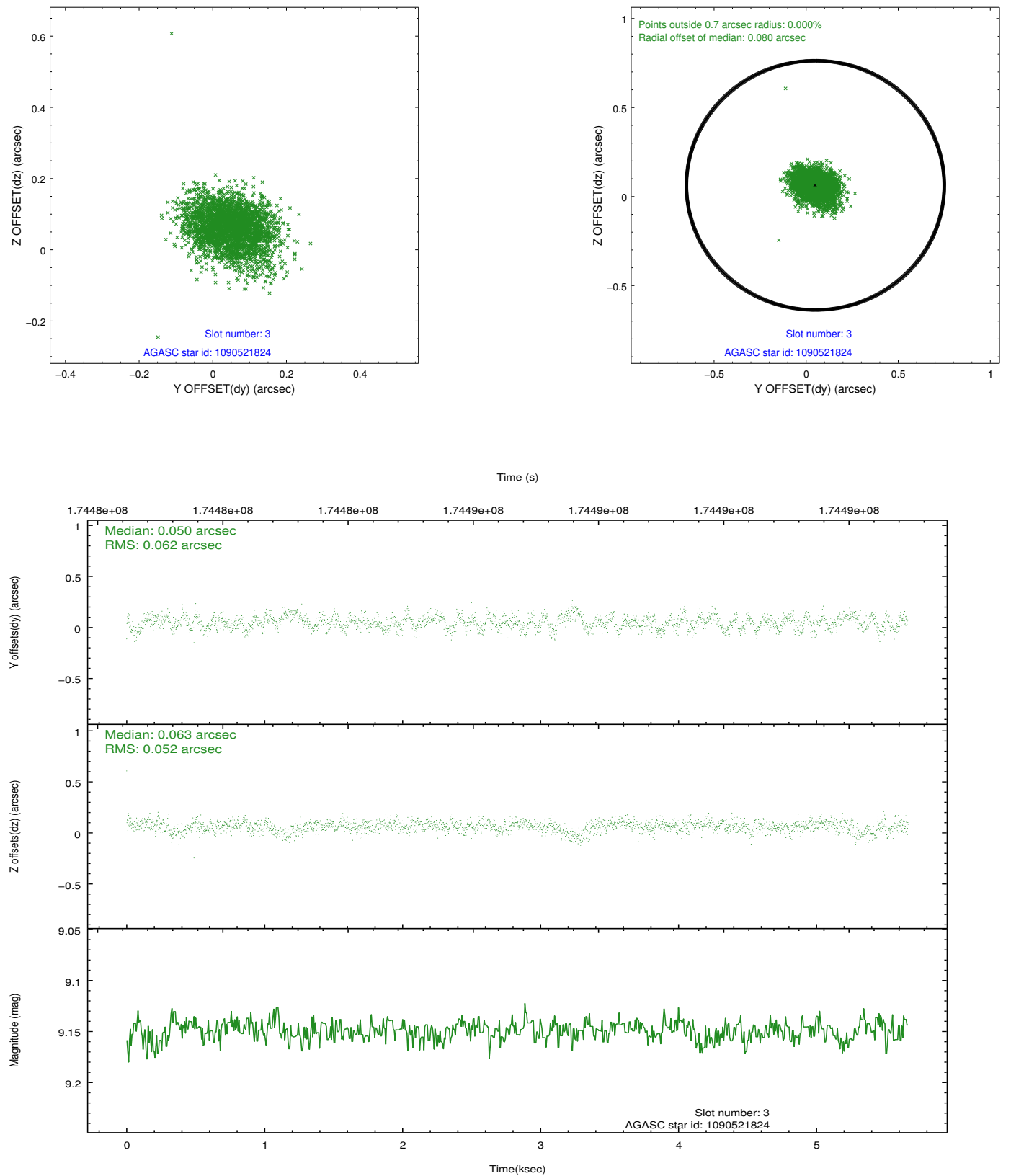


Slot Statistics

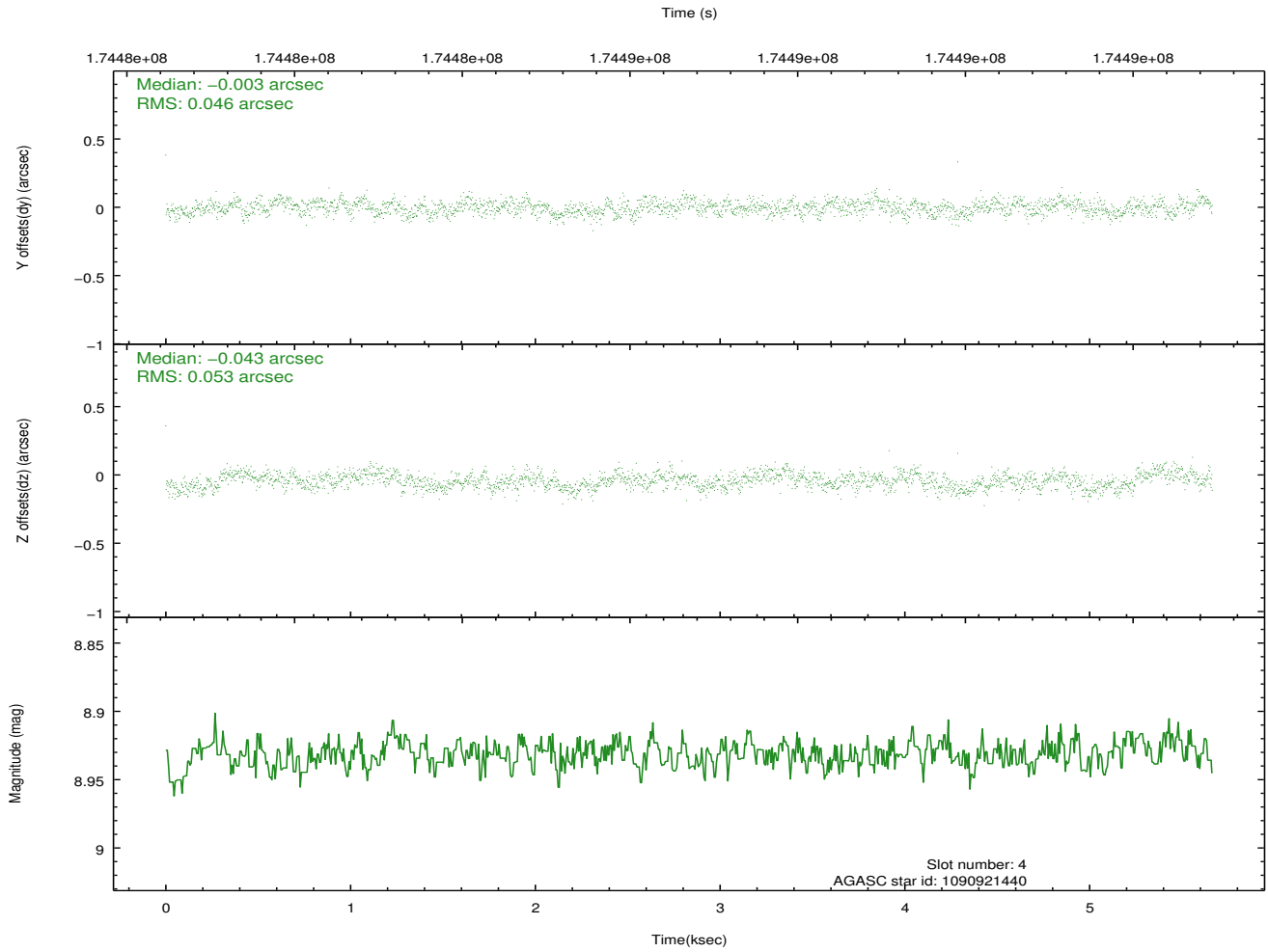
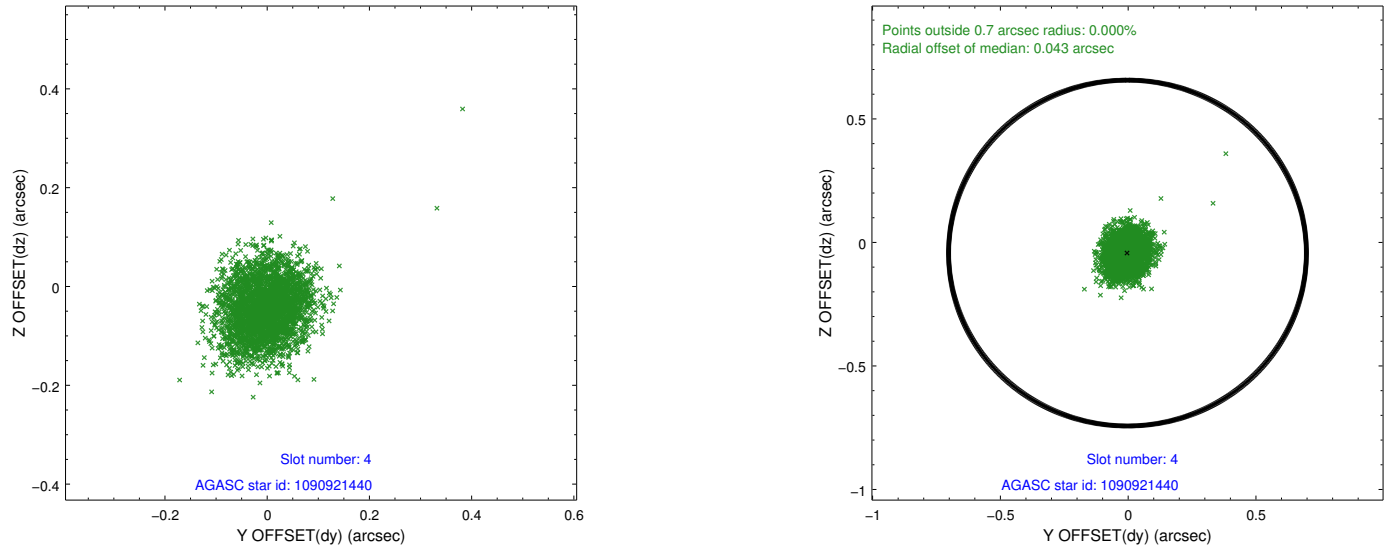
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	1382	0.025	0.025	0.007	0.011	0.000000	0.000000	933.83	-831.86
1	FID	ACIS-I-5	7.23	1382	-0.154	0.052	0.006	0.010	0.000000	0.000000	-1813.86	1065.14
2	FID	ACIS-I-6	7.26	1382	0.038	-0.006	0.007	0.010	0.000000	0.000000	398.25	1710.78
3	GUIDE	1090521824	9.15	2763	0.050	0.063	0.085	0.140	244.711253	-50.470098	-2021.22	1427.28
4	GUIDE	1090921440	8.93	2762	-0.003	-0.043	0.075	0.118	243.292741	-50.752608	-2159.31	-1966.12
5	GUIDE	1090924096	8.06	2764	0.069	-0.030	0.053	0.090	243.849549	-51.016855	-841.84	-1090.49
6	GUIDE	1090924384	8.06	2764	-0.058	-0.034	0.061	0.097	243.330505	-50.934017	-1513.97	-2100.82
7	GUIDE	1091059112	9.08	2763	-0.058	0.053	0.088	0.136	245.180420	-50.736664	-747.87	2095.07

2.4 Star Slots

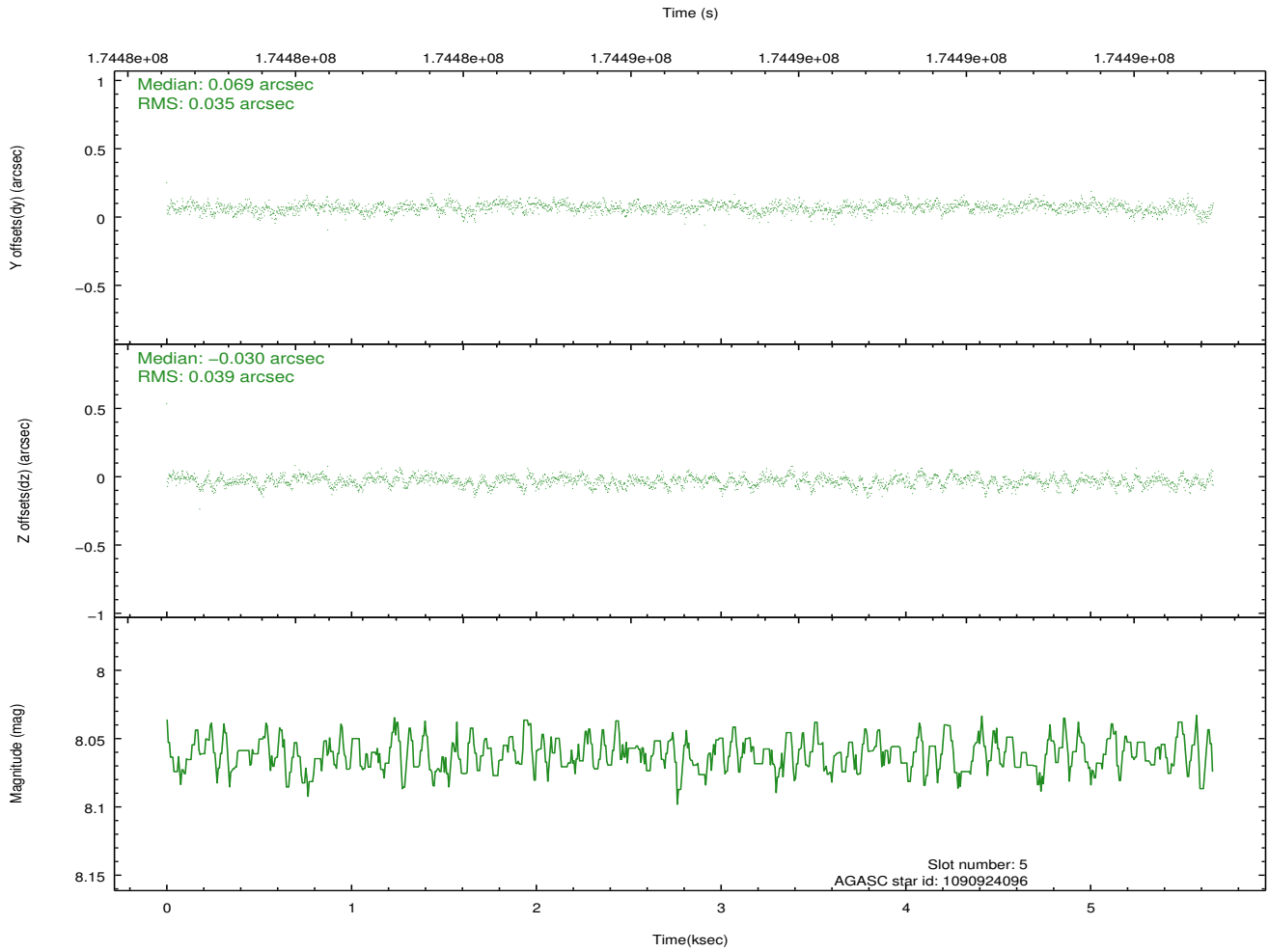
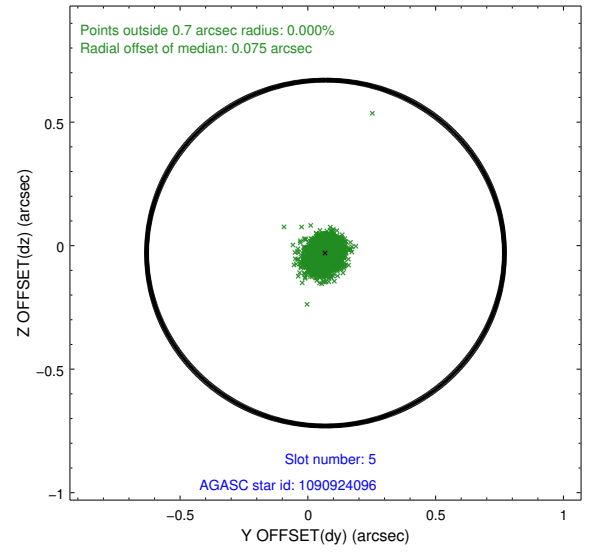
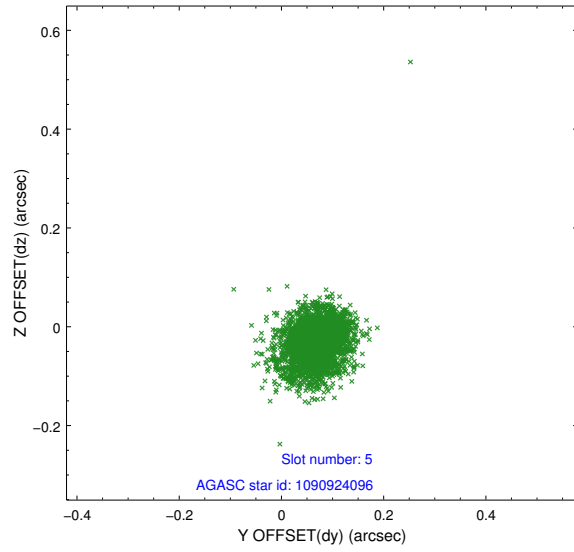
2.4.1 Slot 3



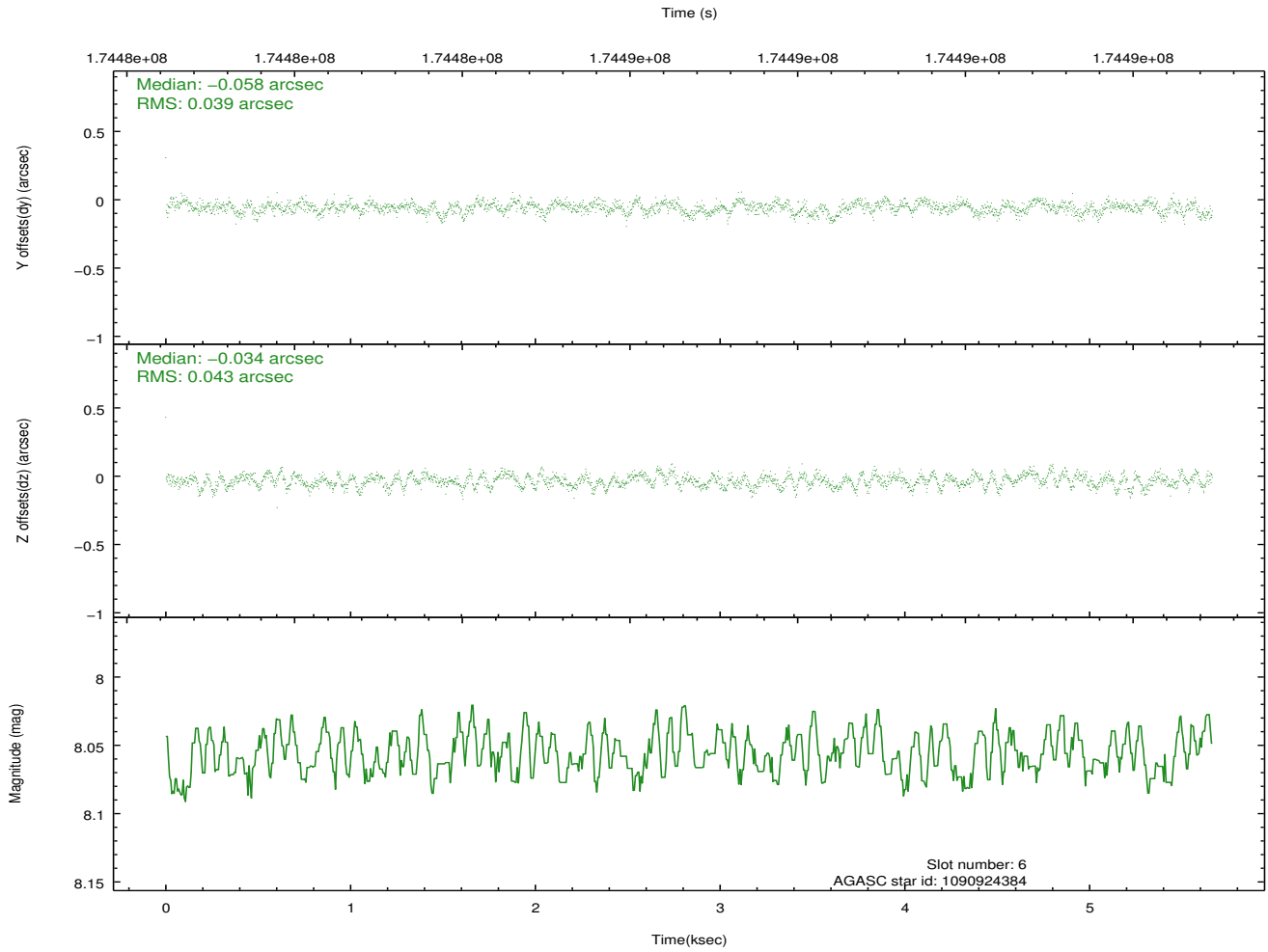
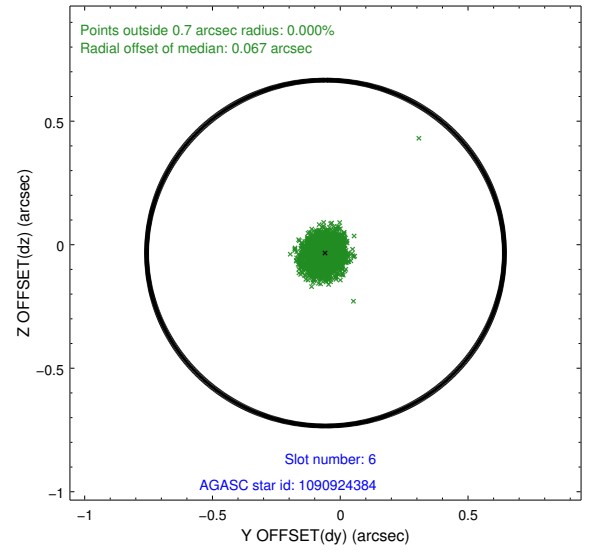
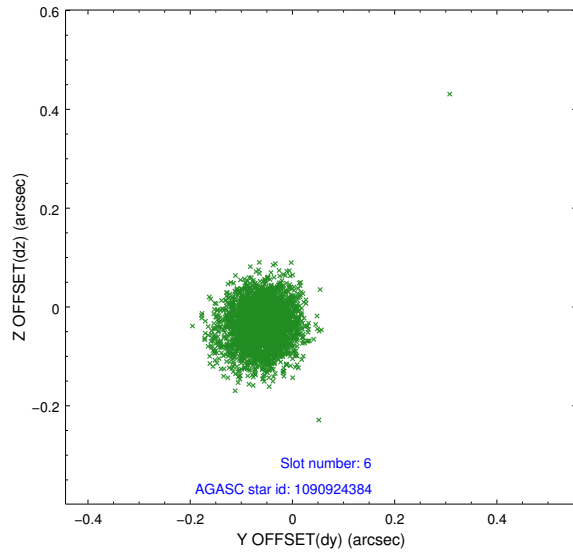
2.4.2 Slot 4



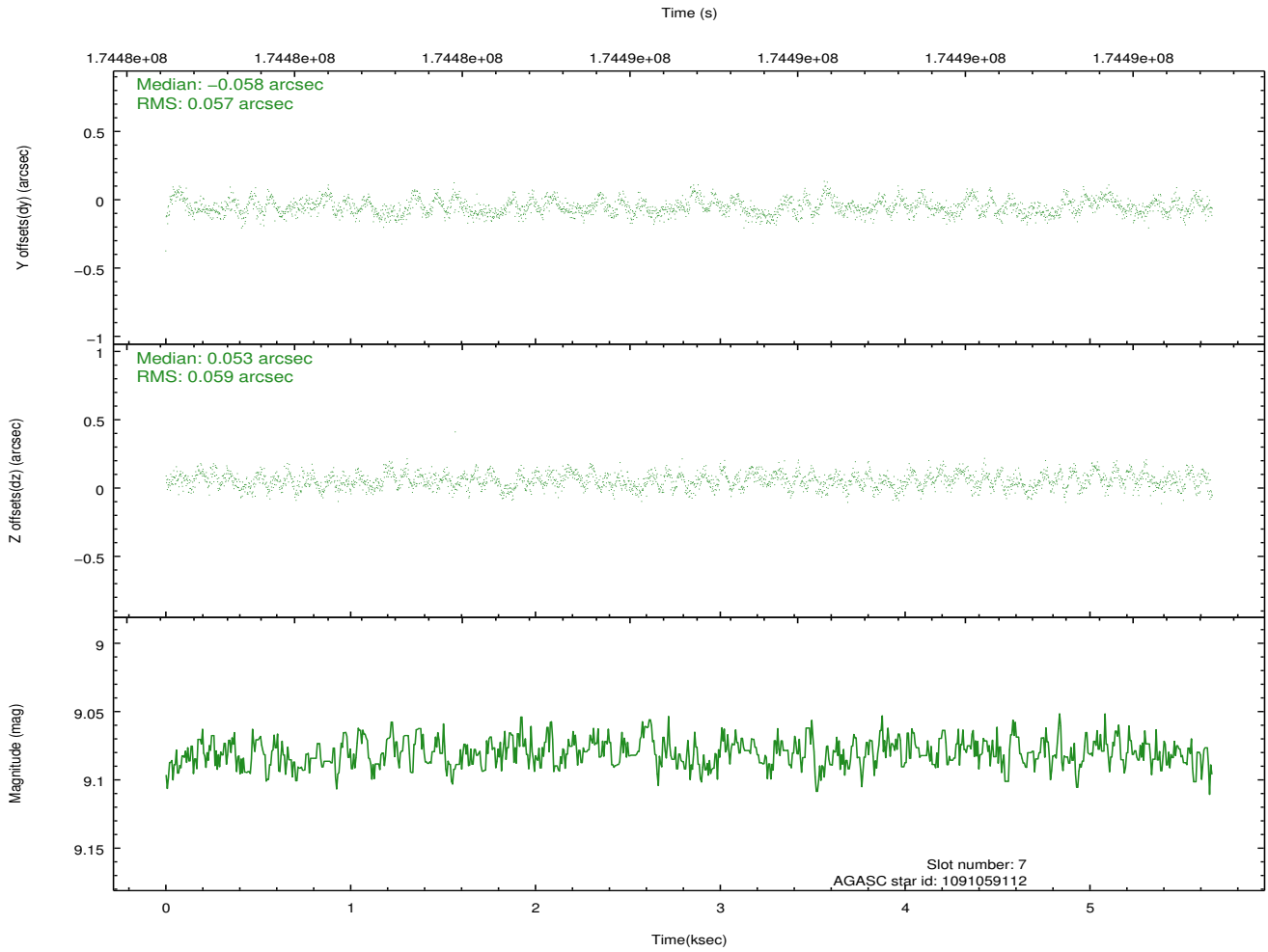
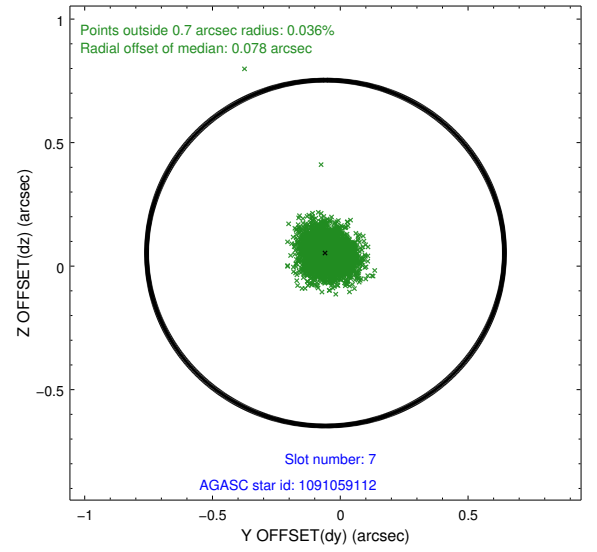
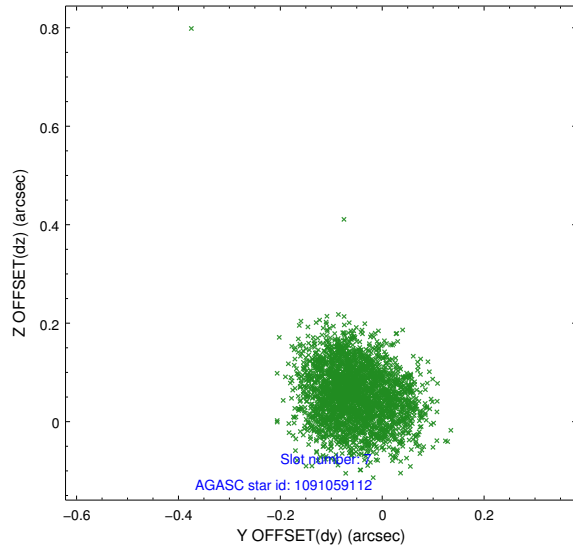
2.4.3 Slot 5



2.4.4 Slot 6

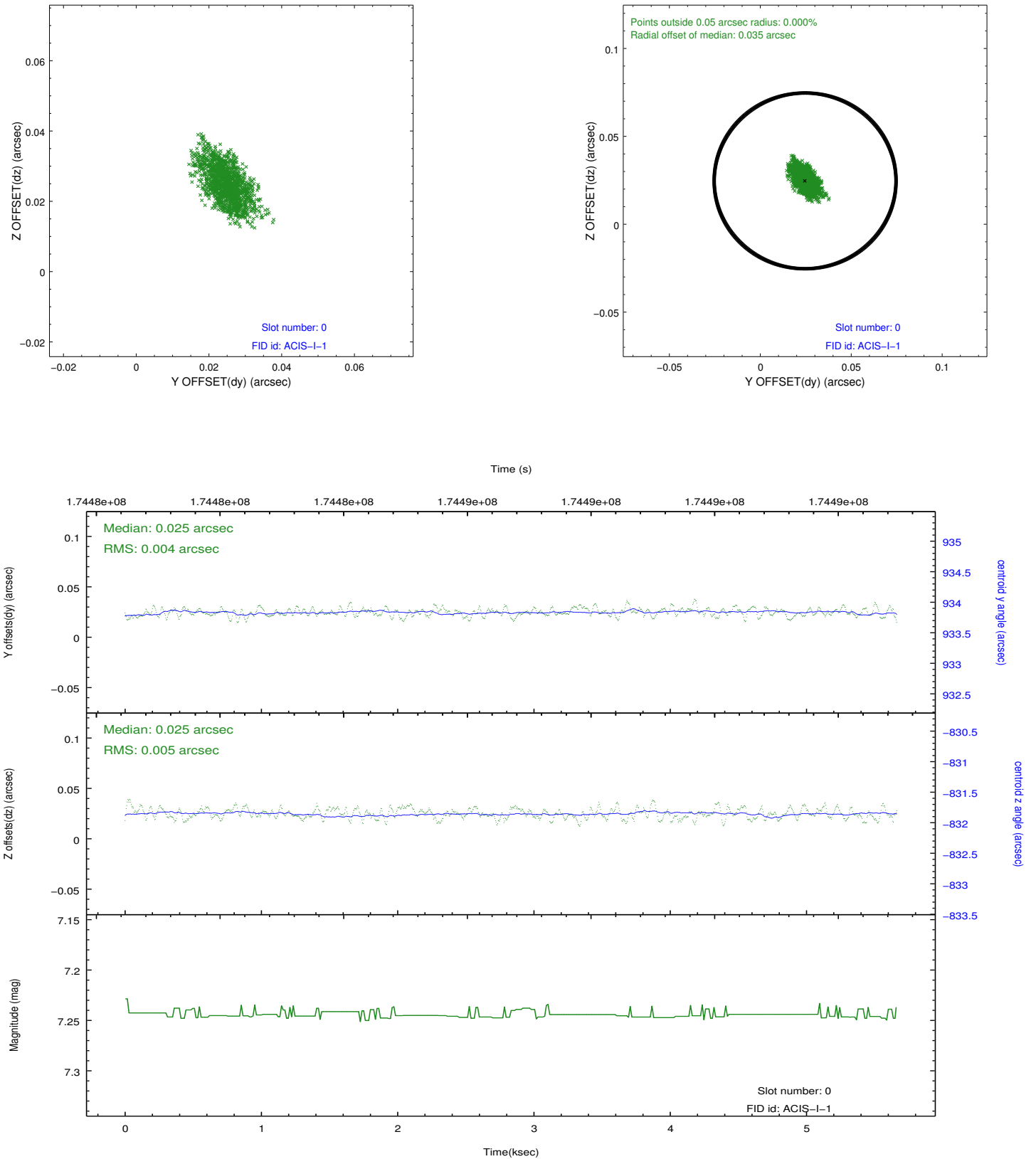


2.4.5 Slot 7

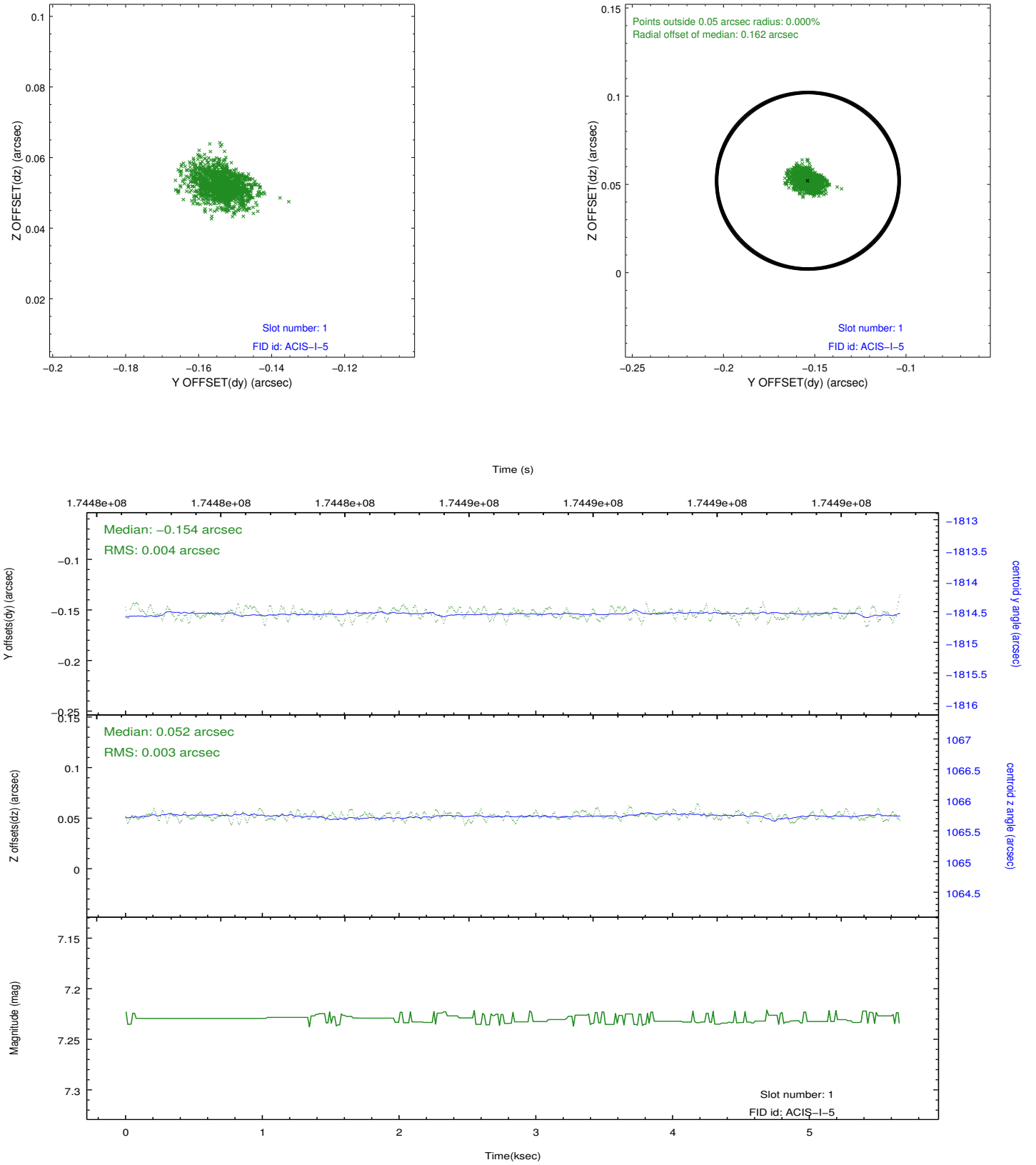


2.5 FID Slots

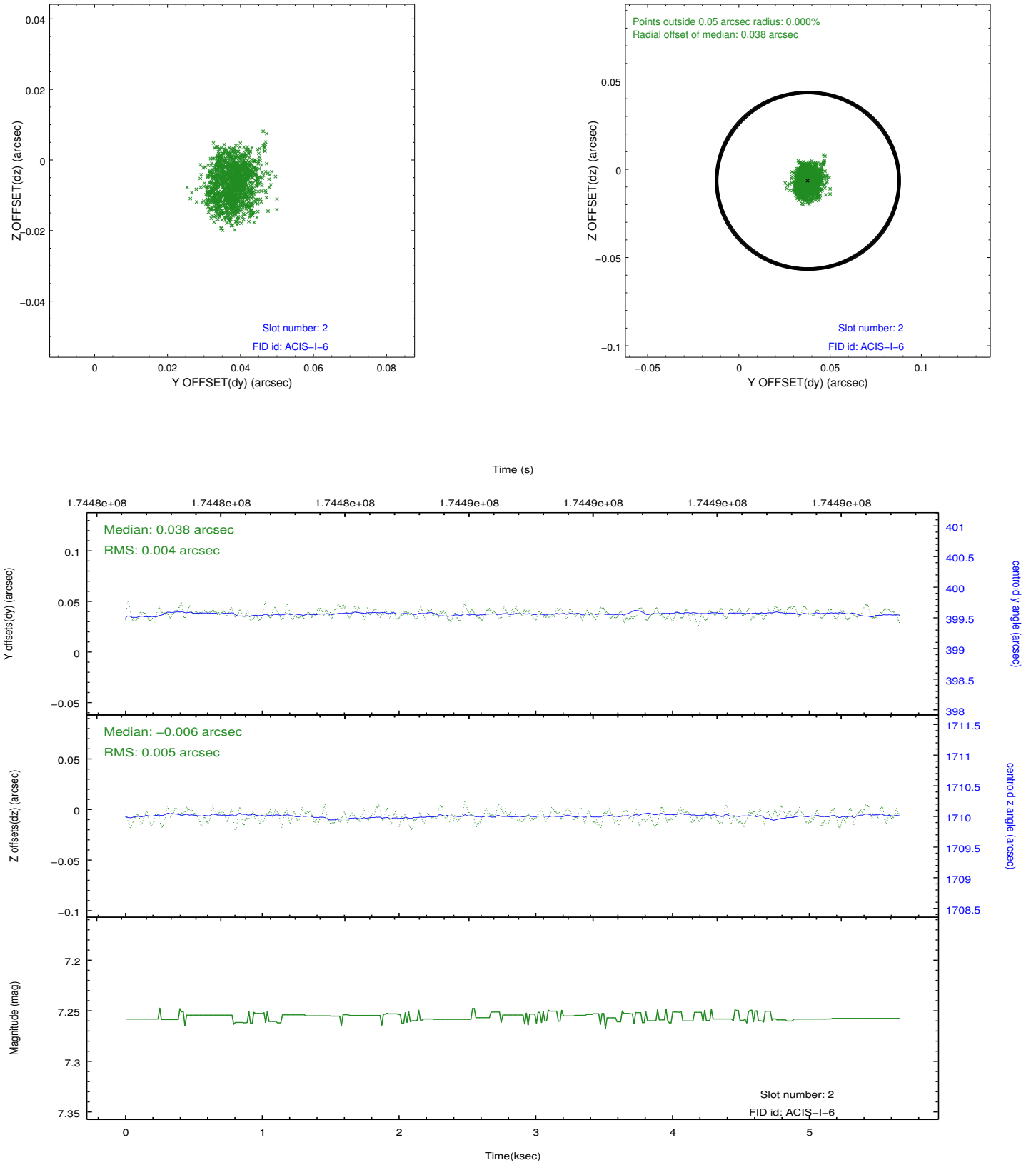
2.5.1 Slot 0



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)	2012.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.664

A.2 Comments