

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3118 - L2 Version 3
Chandra X-Ray Center

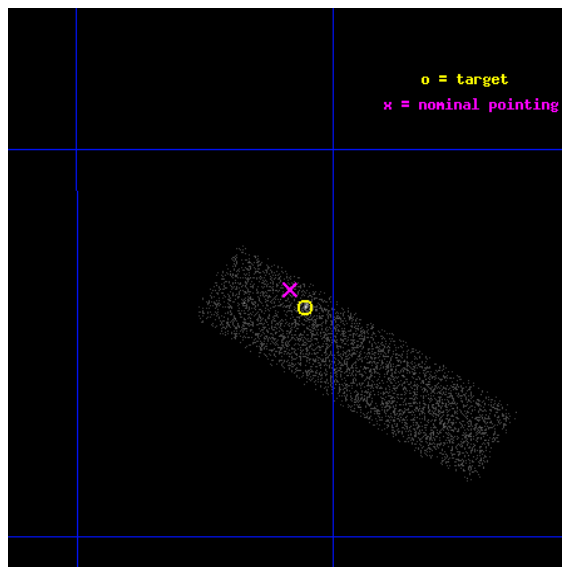
L2 Processing Date : Oct 3 2012

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1 Front

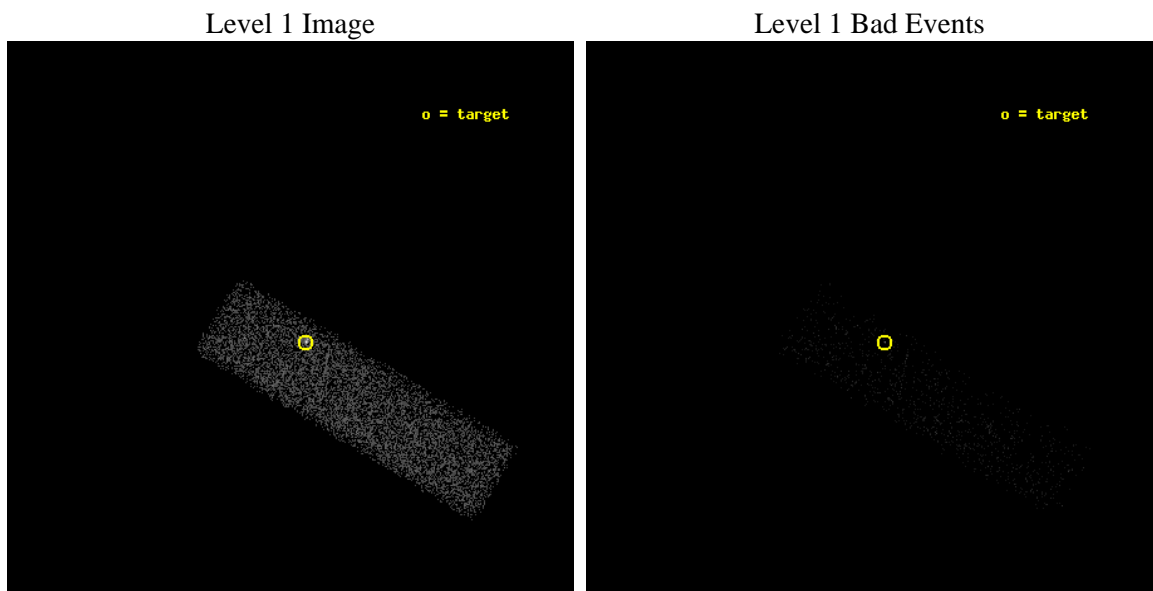
seq_num	700557	Sequence number
obs_id	3118	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	1202-262	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	181.38875	Observer's specified target RA [deg]
dec_targ	-26.567806	Observer's specified target Dec [deg]
ra_nom	181.39621348868	Nominal RA [deg]
dec_nom	-26.560514457103	Nominal Dec [deg]
roll_nom	30.881963357626	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5334.3999801427	Sum of GTIs [s]
livetime	5074.0987160114	Livetime [s]
ontime7	5334.3999801427	Sum of GTIs [s]
l2events	5747	Number of level 2 events



2 OBI

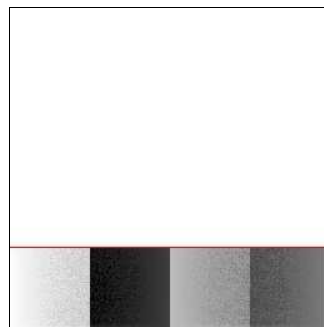
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5334.3999801427	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5334.3999801427	Sum of GTIs [s]
date	2012-10-03T02:55:02	Date and time of file creation	l1events	13843	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

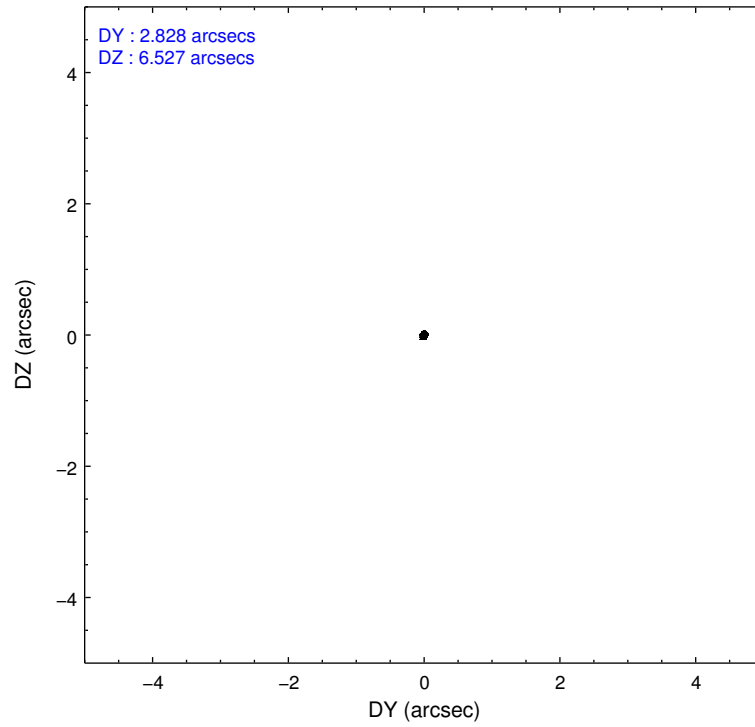
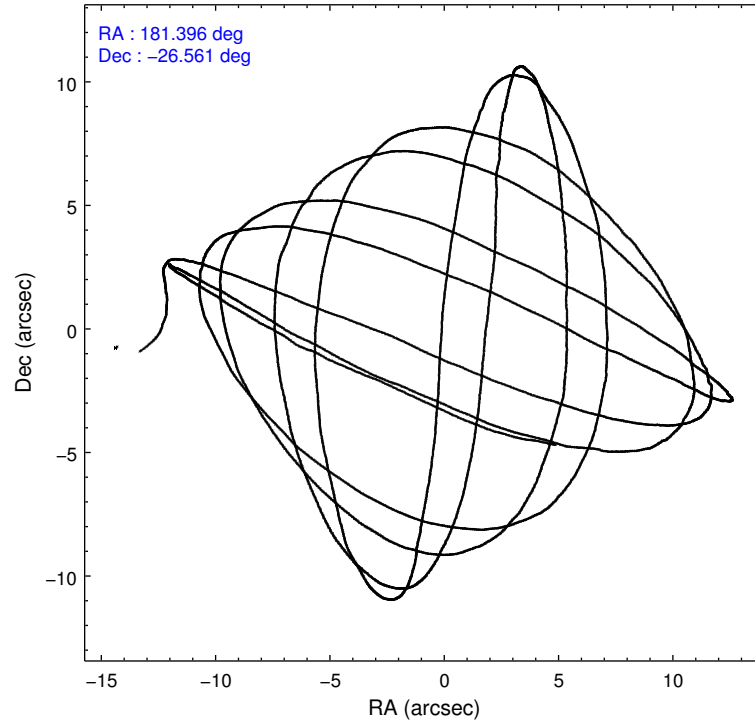
	ccd 7
level 1 events	13843
rejected events	7942
rejected %	57%

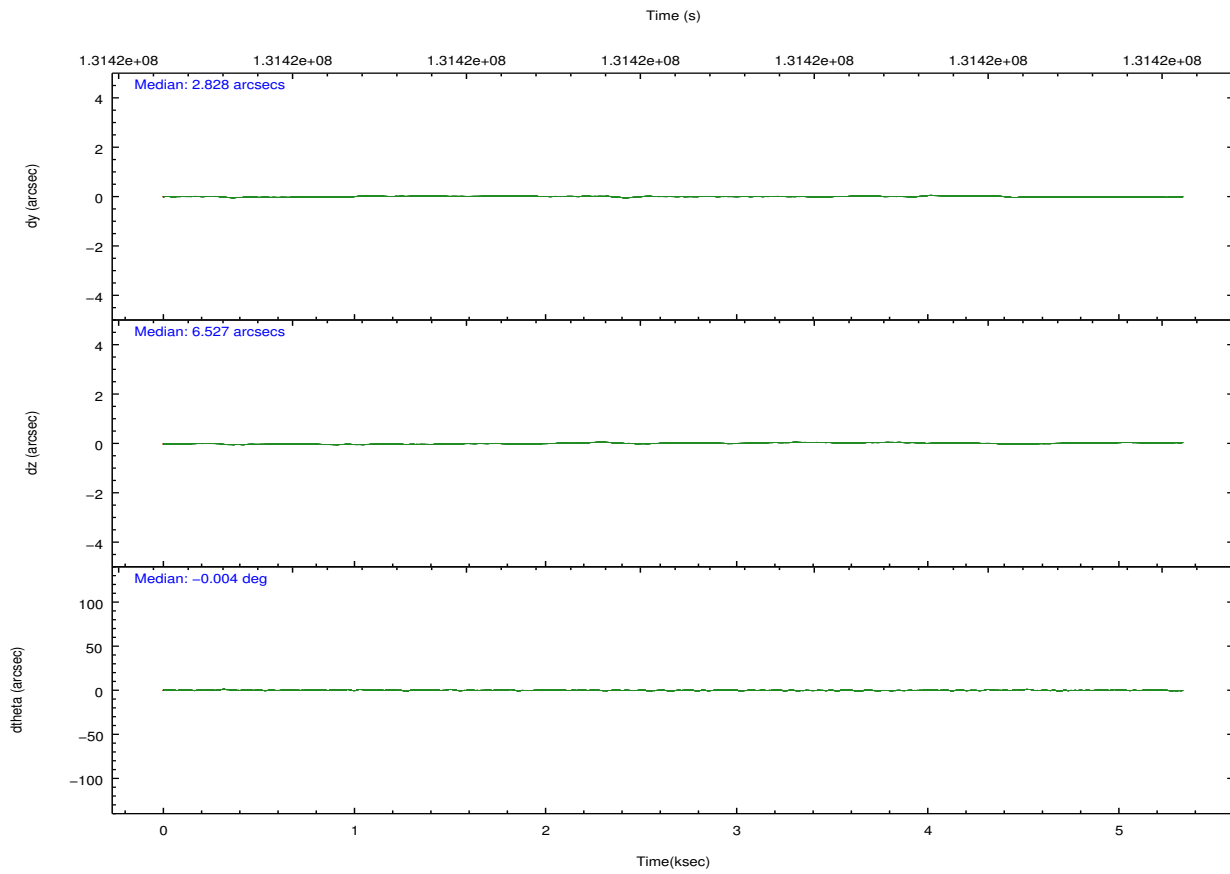
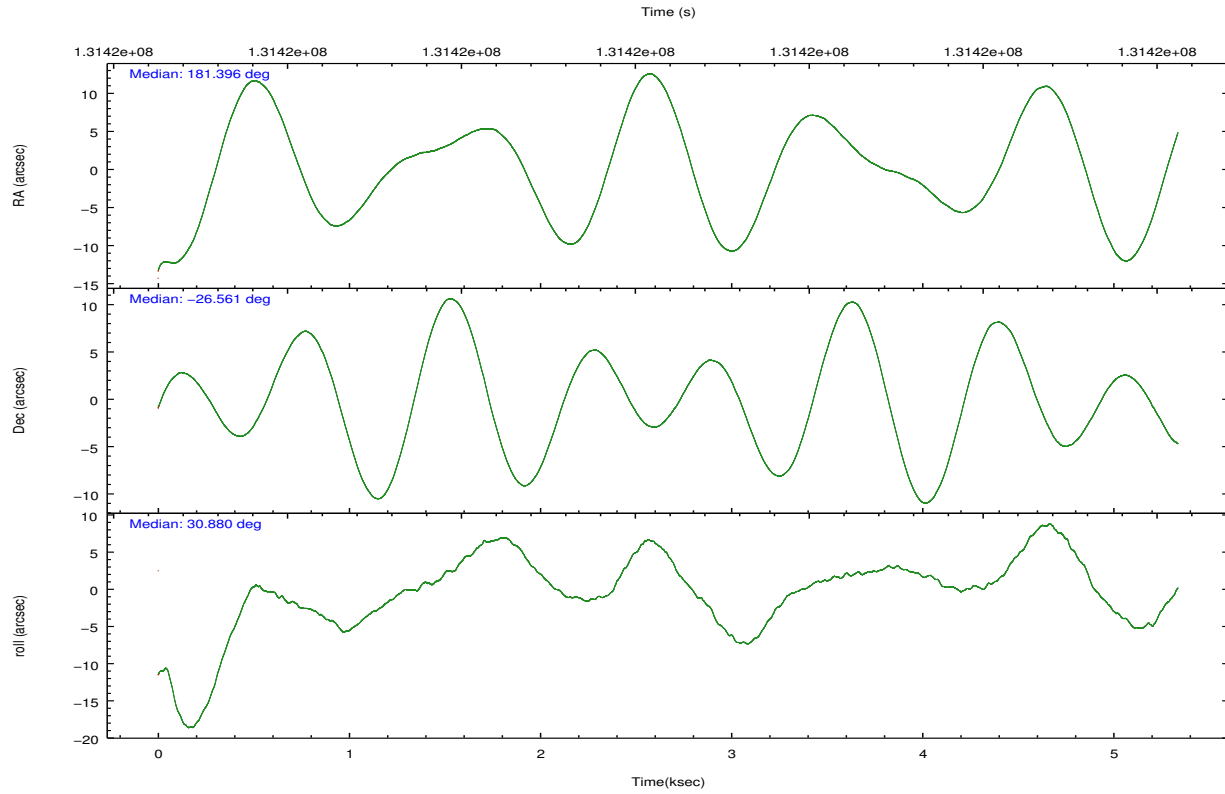
	ccd 7
grade 0 events	863
	6%
grade 1 events	12
	0%
grade 2 events	1473
	10%
grade 3 events	741
	5%
grade 4 events	748
	5%
grade 5 events	1097
	7%
grade 6 events	3176
	22%
grade 7 events	5733
	41%

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	181.381860	181.3962134886785	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-26.584525	-26.56051445710285	Subarray start row	1	1
[deg] Pointing Roll	30.718900	30.88196335762553	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	-178.632523	-178.6345592299333			
[mm] SIM translation stage offset	-11.5	-11.49796335307448			
[s] Observation start time (MET)	131416855.184000	131415818.47083			
Observation start date	2002-03-02T00:39:51	2002-03-02T00:23:38			
[s] Observation end time (MET)	131421855.184000	131422589.10861			
Observation end date	2002-03-02T02:03:11	2002-03-02T02:16:29			
Read mode	TIMED	TIMED			

2.3 Aspect



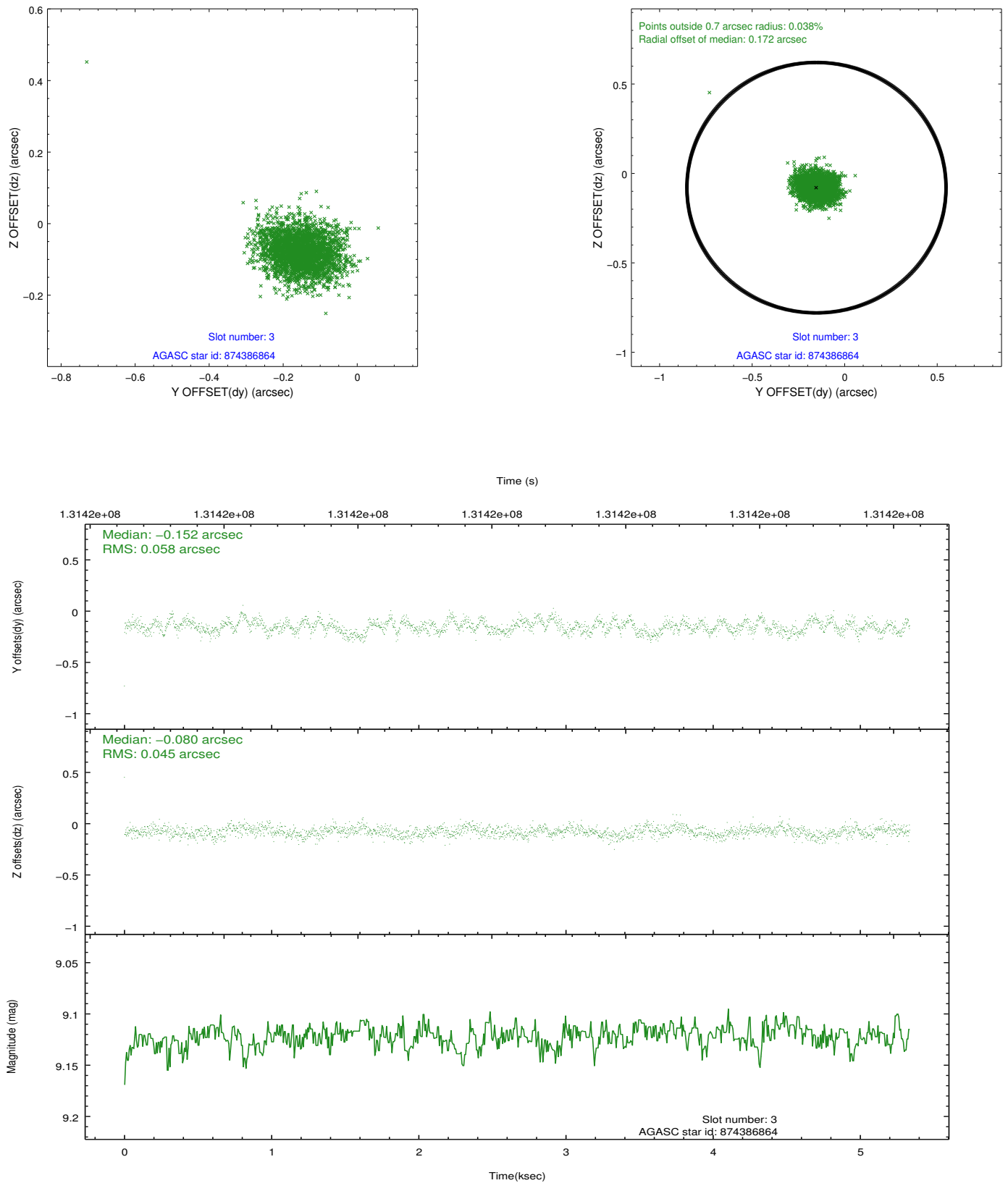


Slot Statistics

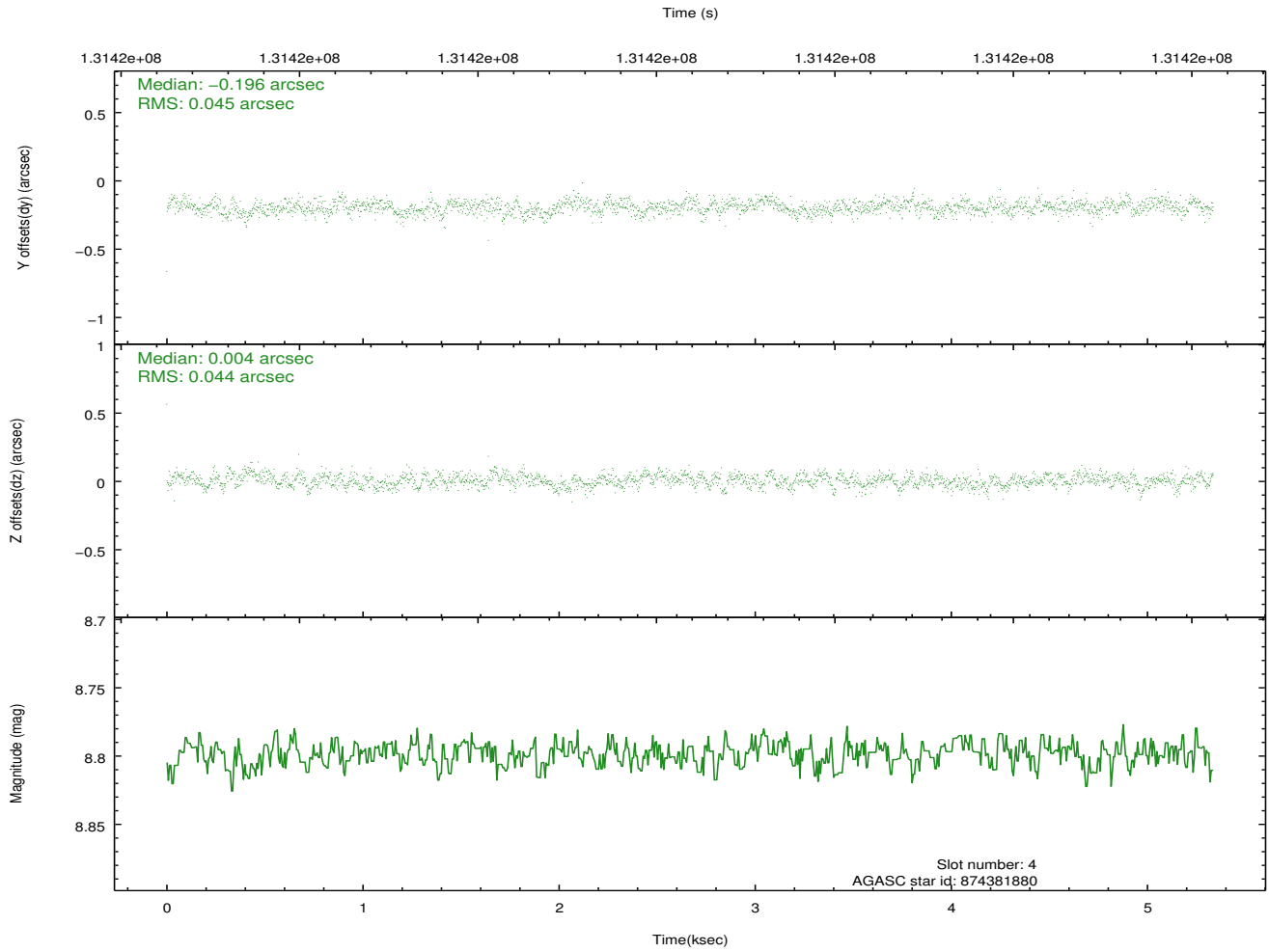
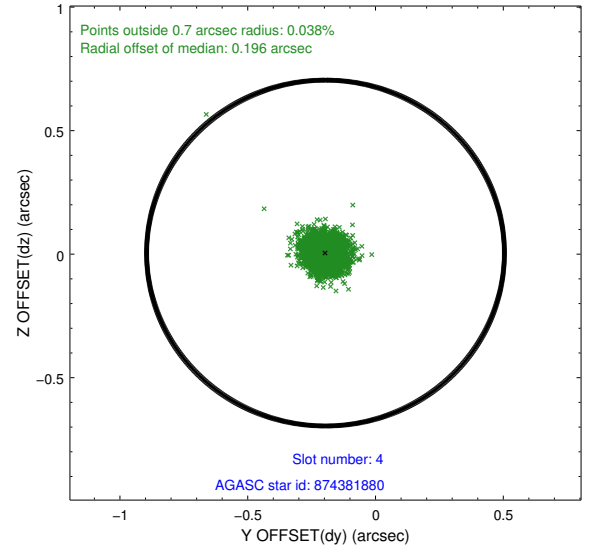
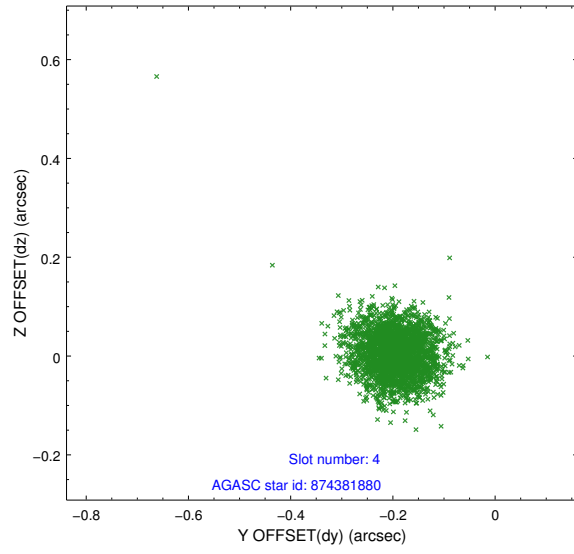
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.08	1302	-0.056	-0.310	0.007	0.011	0.000000	0.000000	-754.66	-1964.68
1	FID	ACIS-S-4	7.17	1302	-0.009	0.110	0.005	0.011	0.000000	0.000000	2158.15	-57.14
2	FID	ACIS-S-5	7.22	1302	0.034	0.208	0.006	0.011	0.000000	0.000000	-1805.96	-62.09
3	GUIDE	874386864	9.12	2600	-0.152	-0.080	0.075	0.125	181.508586	-25.790291	1815.53	2248.01
4	GUIDE	874381880	8.80	2602	-0.196	0.004	0.065	0.104	181.999738	-26.203366	2416.65	157.00
5	GUIDE	874910776	9.43	2599	0.127	-0.116	0.097	0.157	180.481571	-26.471708	-2288.83	1822.25
6	GUIDE	874913272	9.94	2604	0.285	0.000	0.105	0.166	180.758927	-26.765801	-2055.73	458.19
7	GUIDE	874910832	9.53	2601	-0.070	0.187	0.088	0.144	181.733310	-27.049428	114.31	-2015.47

2.4 Star Slots

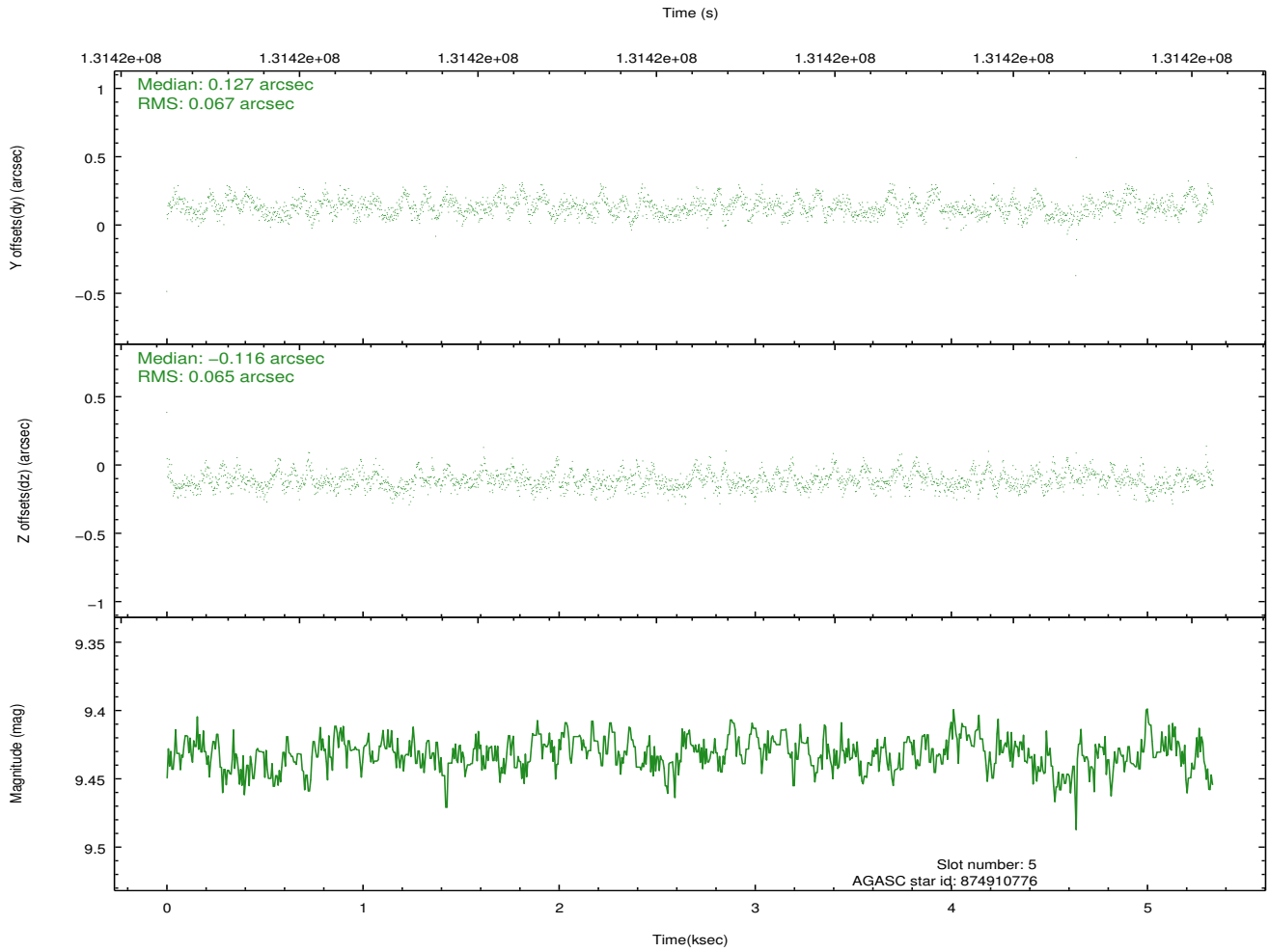
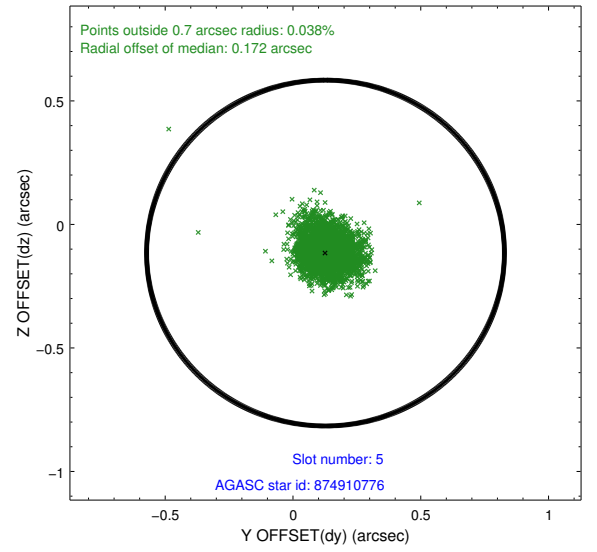
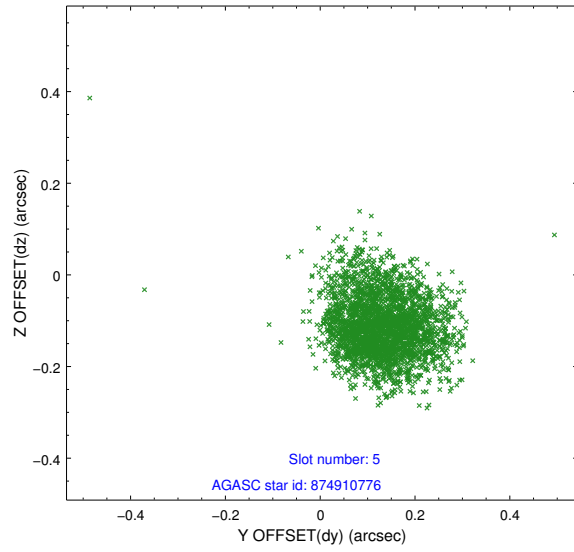
2.4.1 Slot 3



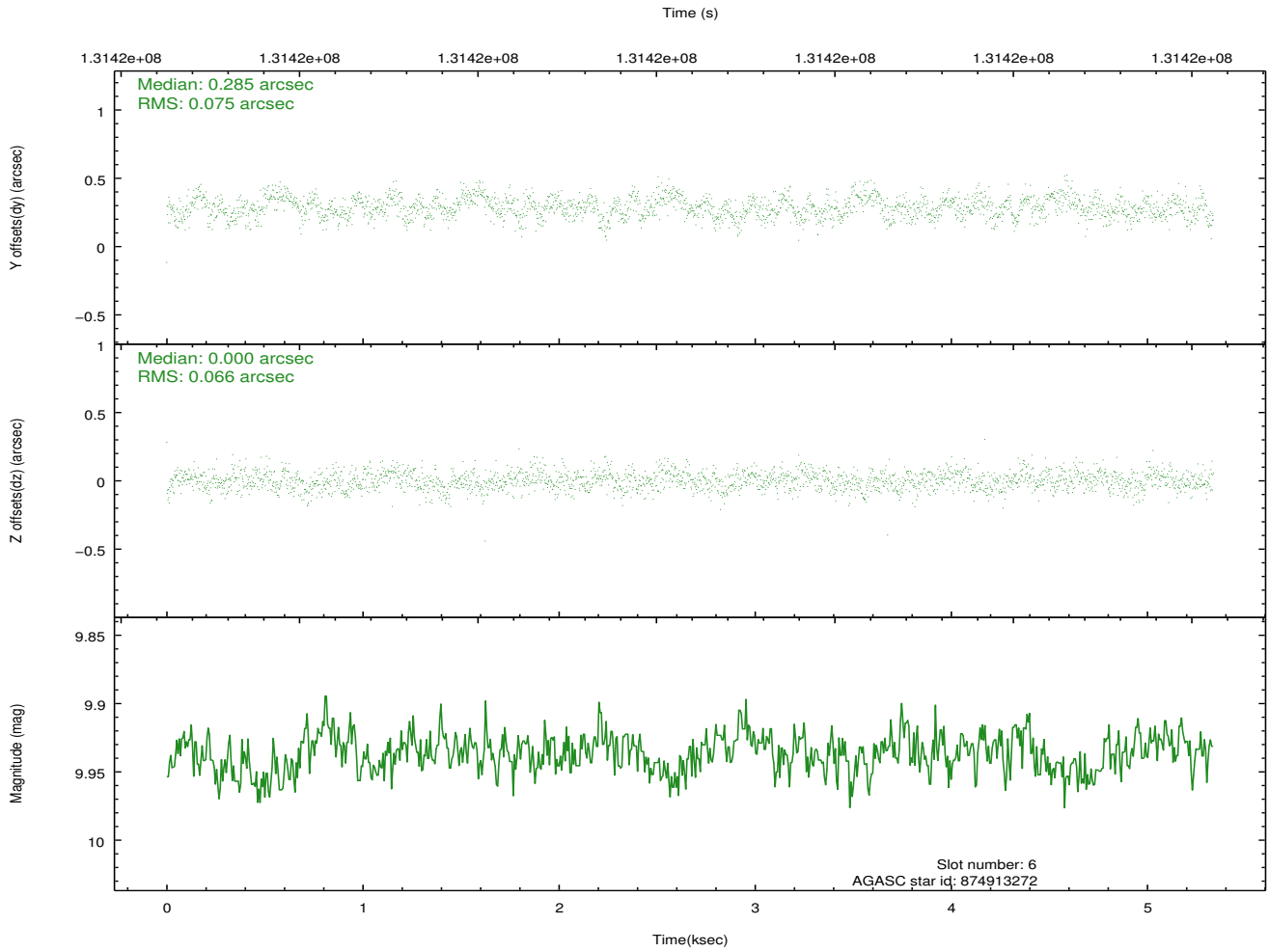
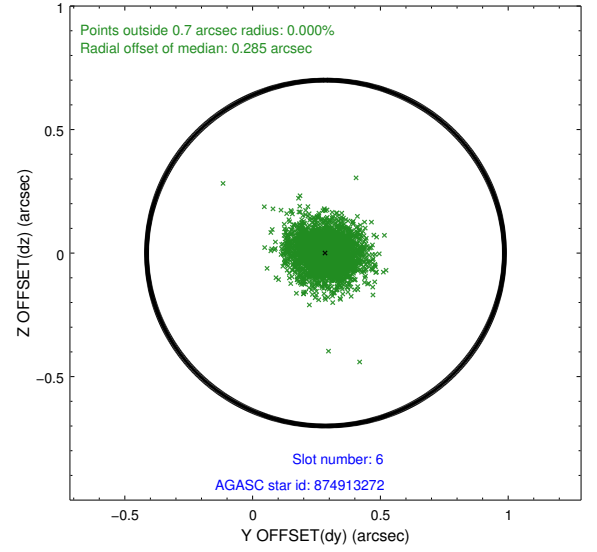
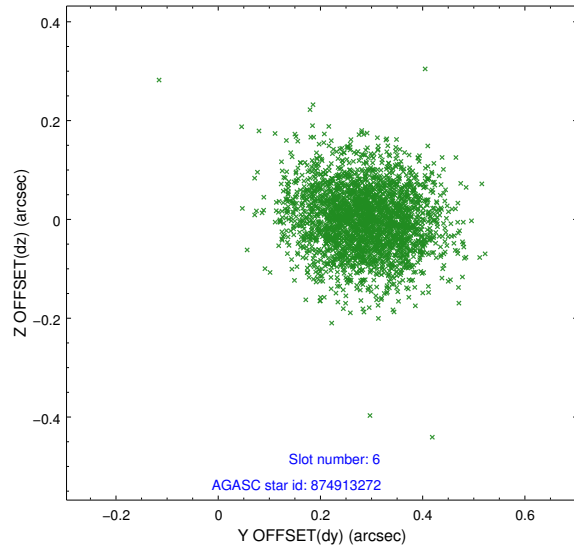
2.4.2 Slot 4



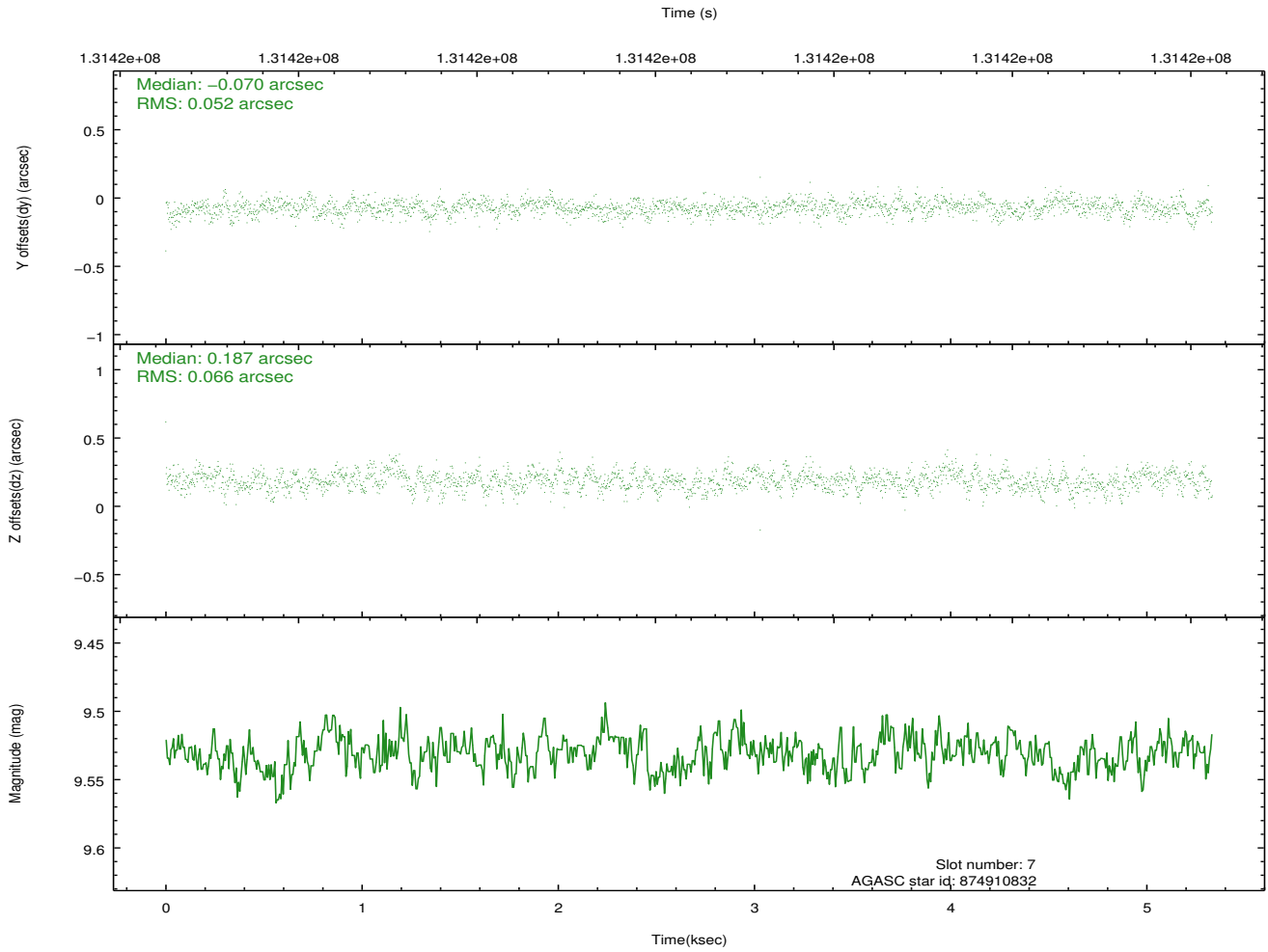
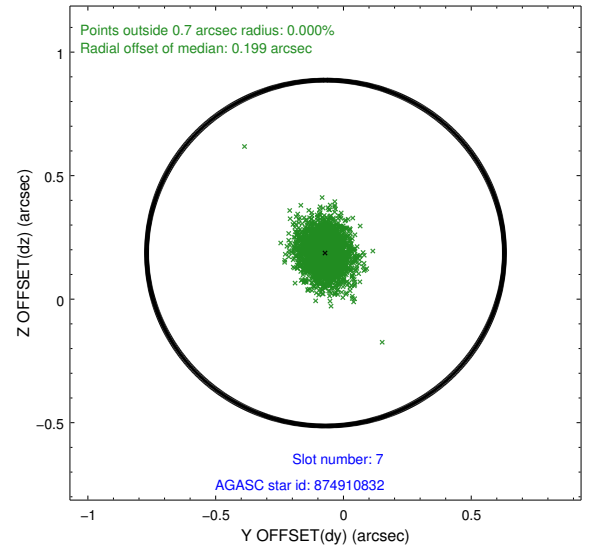
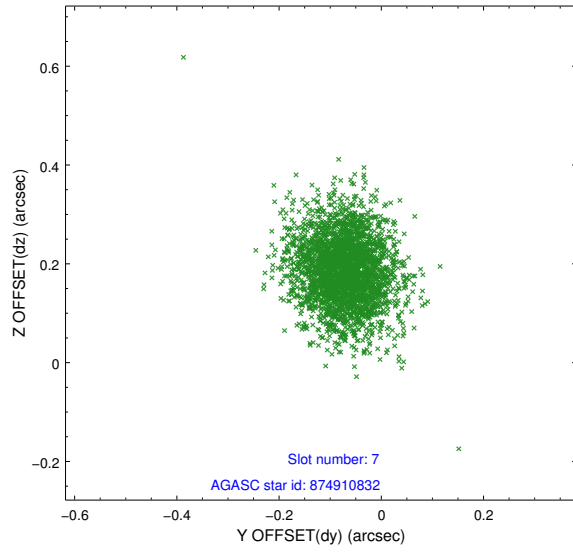
2.4.3 Slot 5



2.4.4 Slot 6

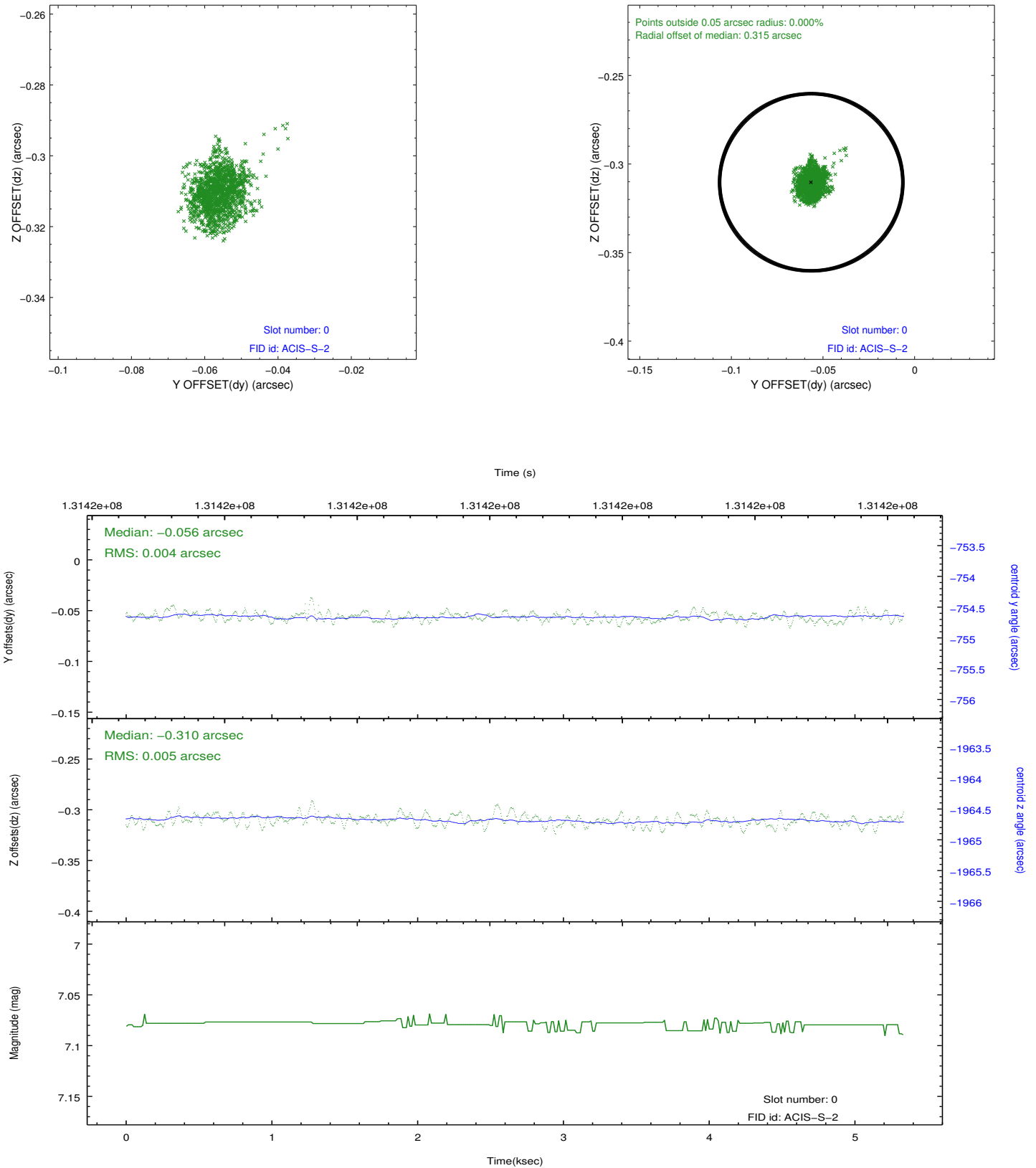


2.4.5 Slot 7

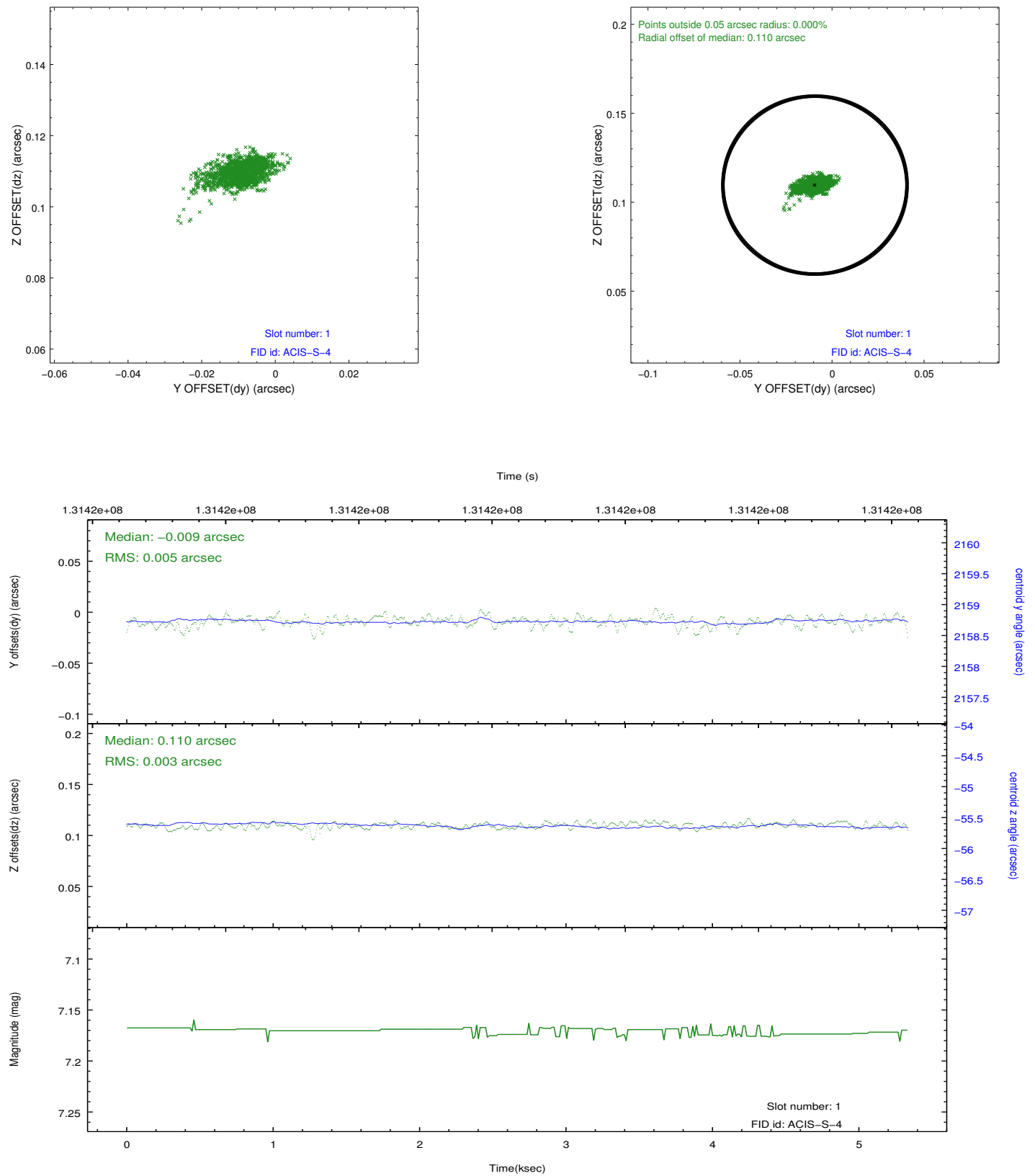


2.5 FID Slots

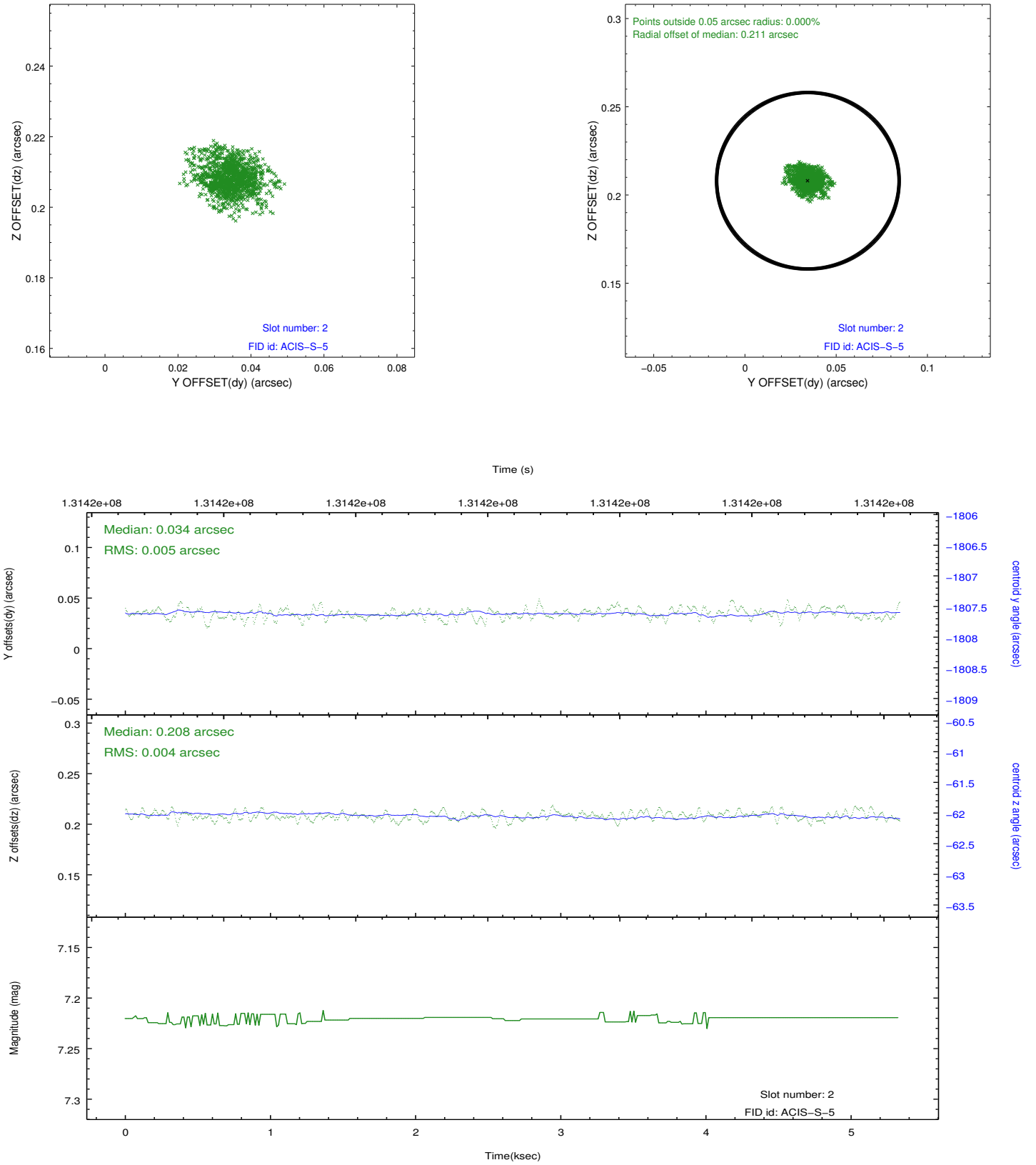
2.5.1 Slot 0



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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.334

A.2 Comments

Roll preference not met.