

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11451 - L2 Version 2
Chandra X-Ray Center

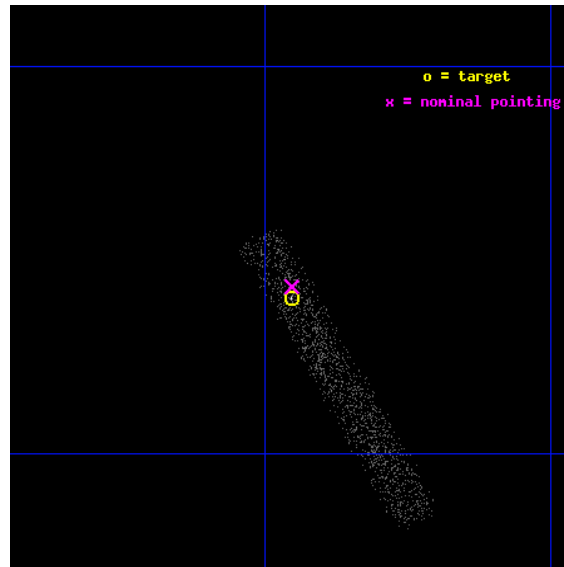
L2 Processing Date : Jun 19 2012

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1 Front

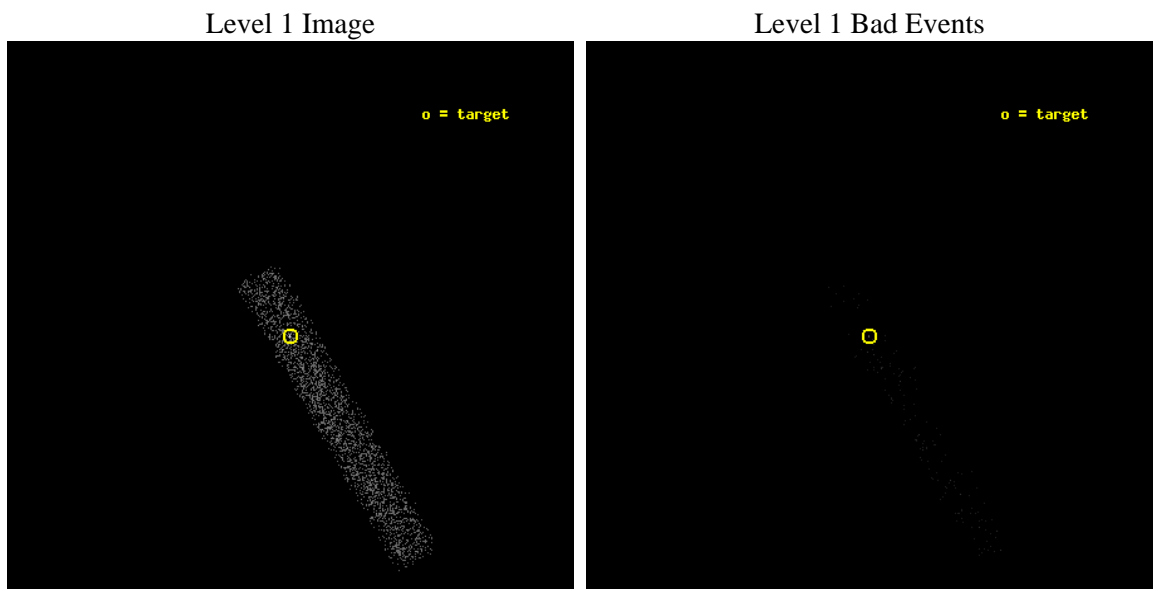
seq_num	702037	Sequence number
obs_id	11451	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J094057.19+032401.2	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	145.238333	Observer's specified target RA [deg]
dec_targ	3.400333	Observer's specified target Dec [deg]
ra_nom	145.23813991399	Nominal RA [deg]
dec_nom	3.4052349667301	Nominal Dec [deg]
roll_nom	60.040692485395	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2157.9998713732	Sum of GTIs [s]
livetime	1957.1919747625	Livetime [s]
ontime7	2157.9998713732	Sum of GTIs [s]
l2events	1960	Number of level 2 events



2 OBI

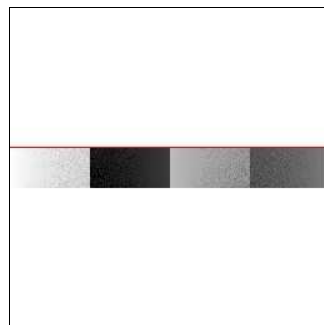
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2157.9998713732	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	2157.9998713732	Sum of GTIs [s]
date	2012-06-19T06:58:47	Date and time of file creation	l1events	4682	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

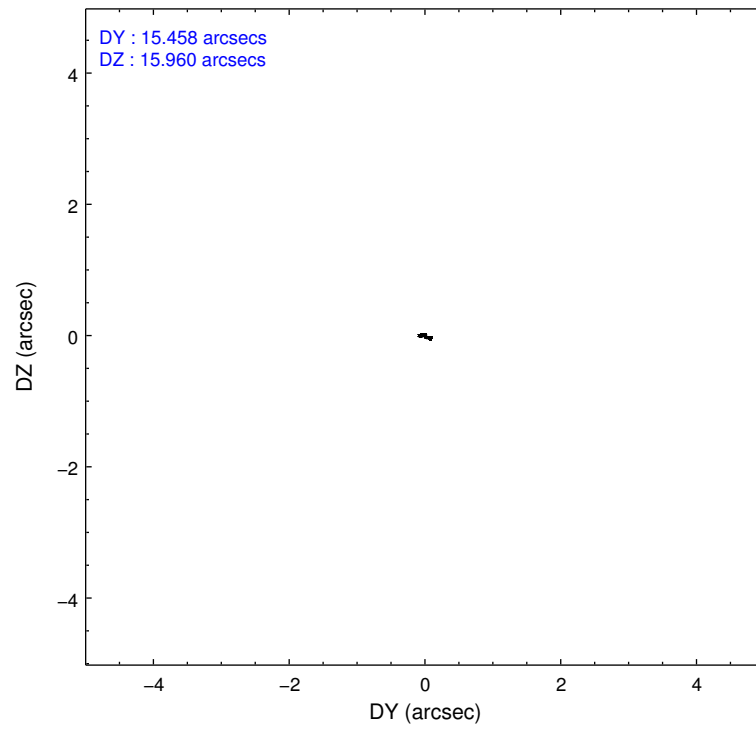
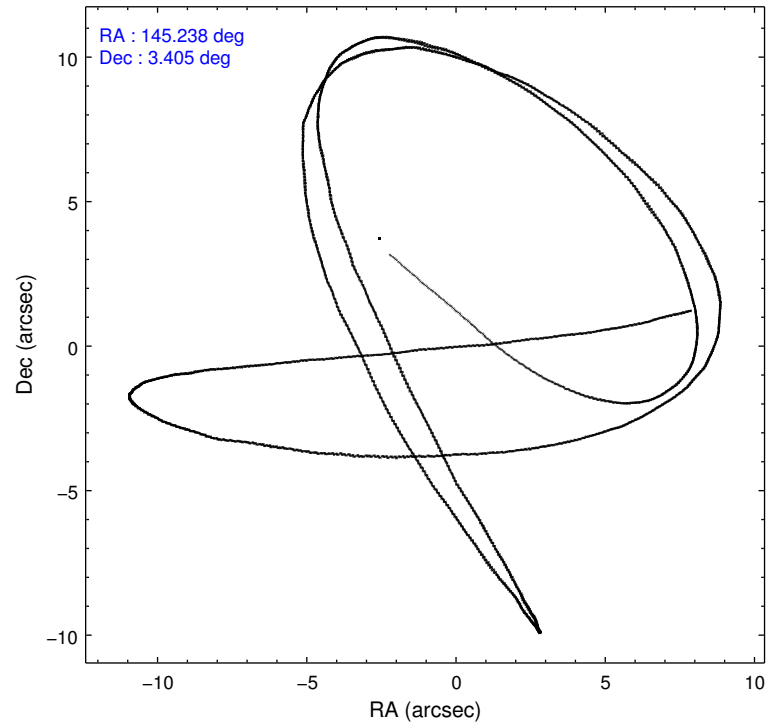
	ccd 7
level 1 events	4682
rejected events	2645
rejected %	56%

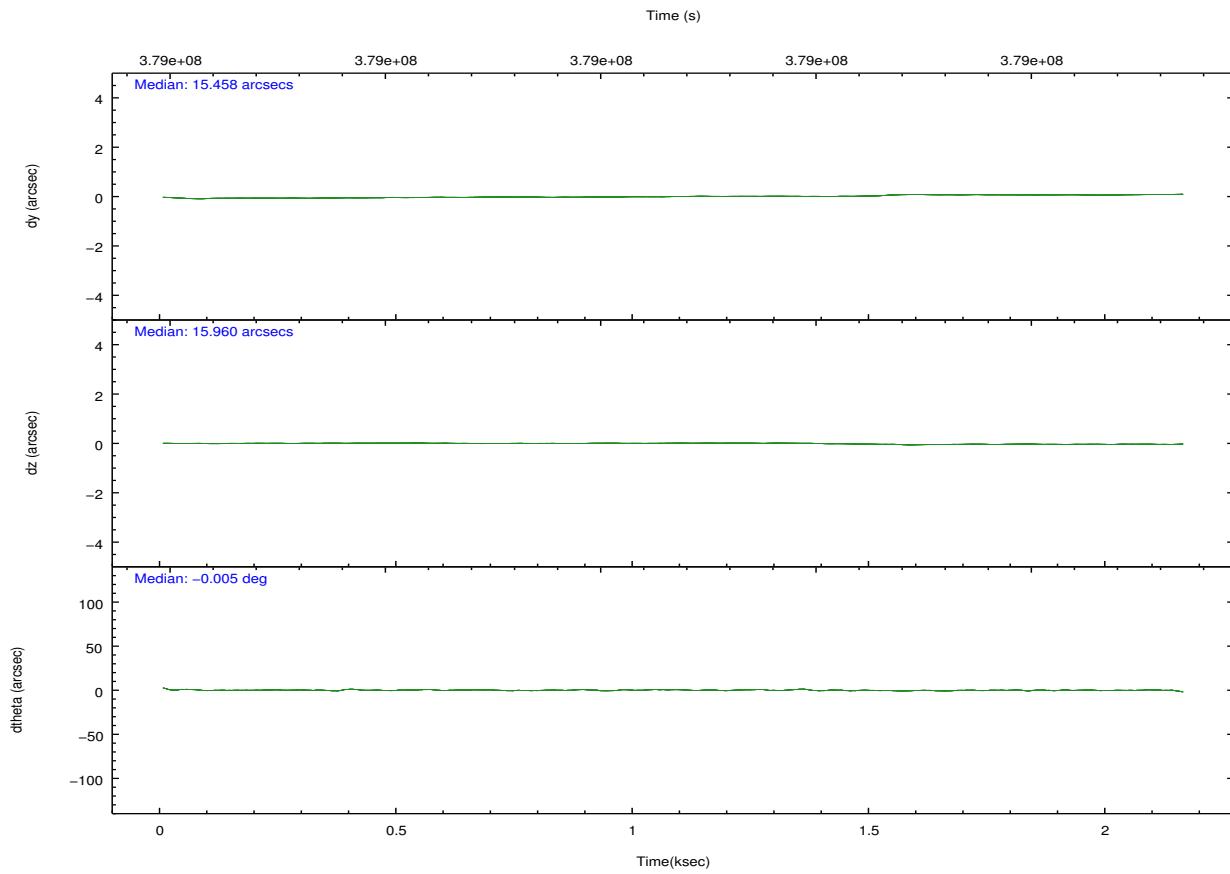
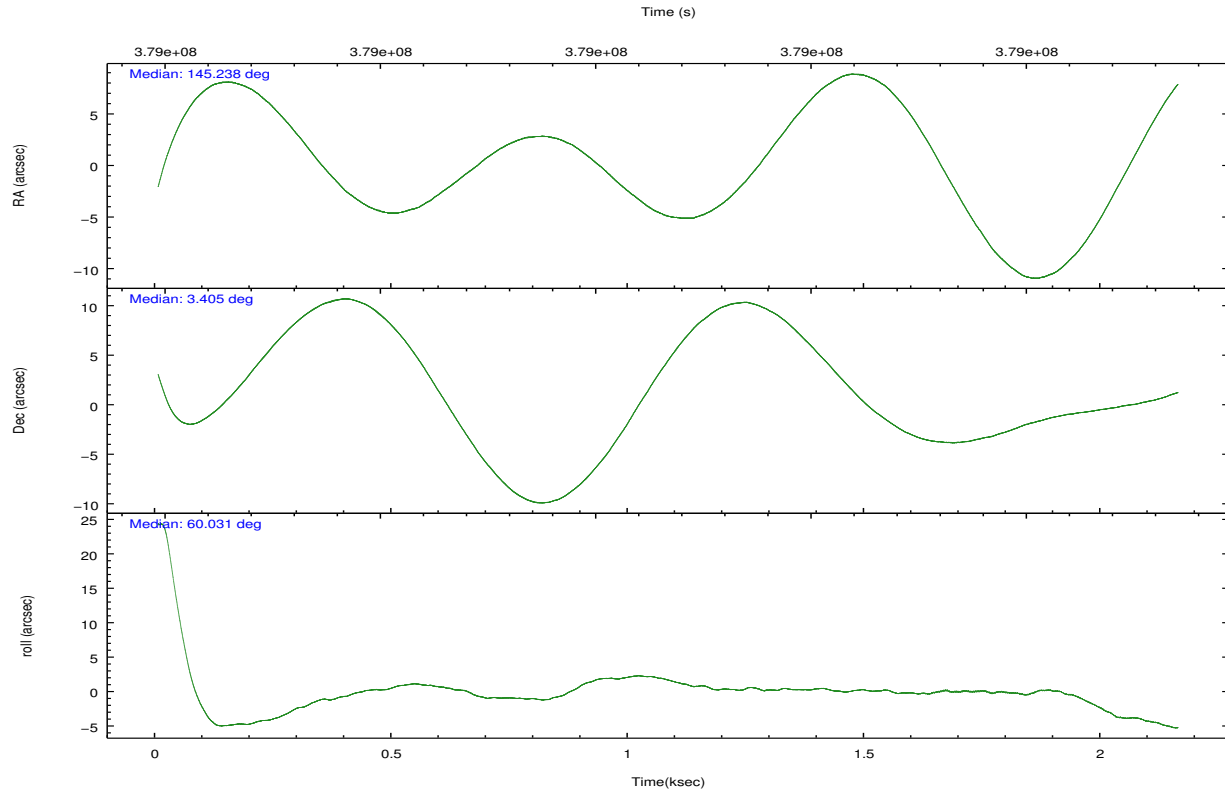
	ccd 7
grade 0 events	362
	7%
grade 1 events	14
	0%
grade 2 events	580
	12%
grade 3 events	375
	8%
grade 4 events	345
	7%
grade 5 events	445
	9%
grade 6 events	1013
	21%
grade 7 events	1548
	33%

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	145.238579	145.2381399139861	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	3.377839	3.405234966730099	Subarray start row	449	449
[deg] Pointing Roll	59.883835	60.04069248539538	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	379002245.184000	379001058.76487			
Observation start date	2010-01-04T14:22:59	2010-01-04T14:04:18			
[s] Observation end time (MET)	379004245.184000	379004581.17755			
Observation end date	2010-01-04T14:56:19	2010-01-04T15:03:01			
Read mode	TIMED	TIMED			

2.3 Aspect



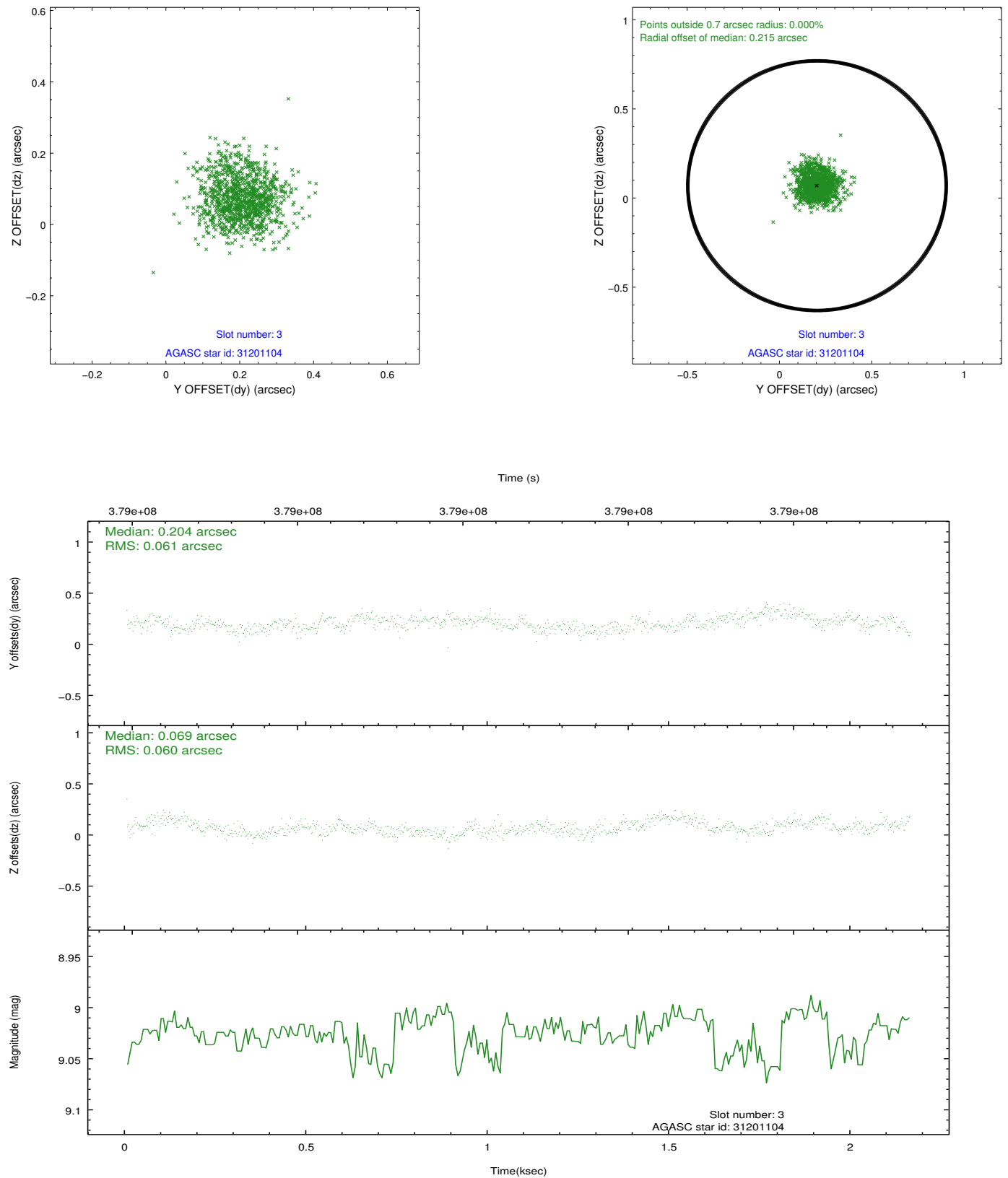


Slot Statistics

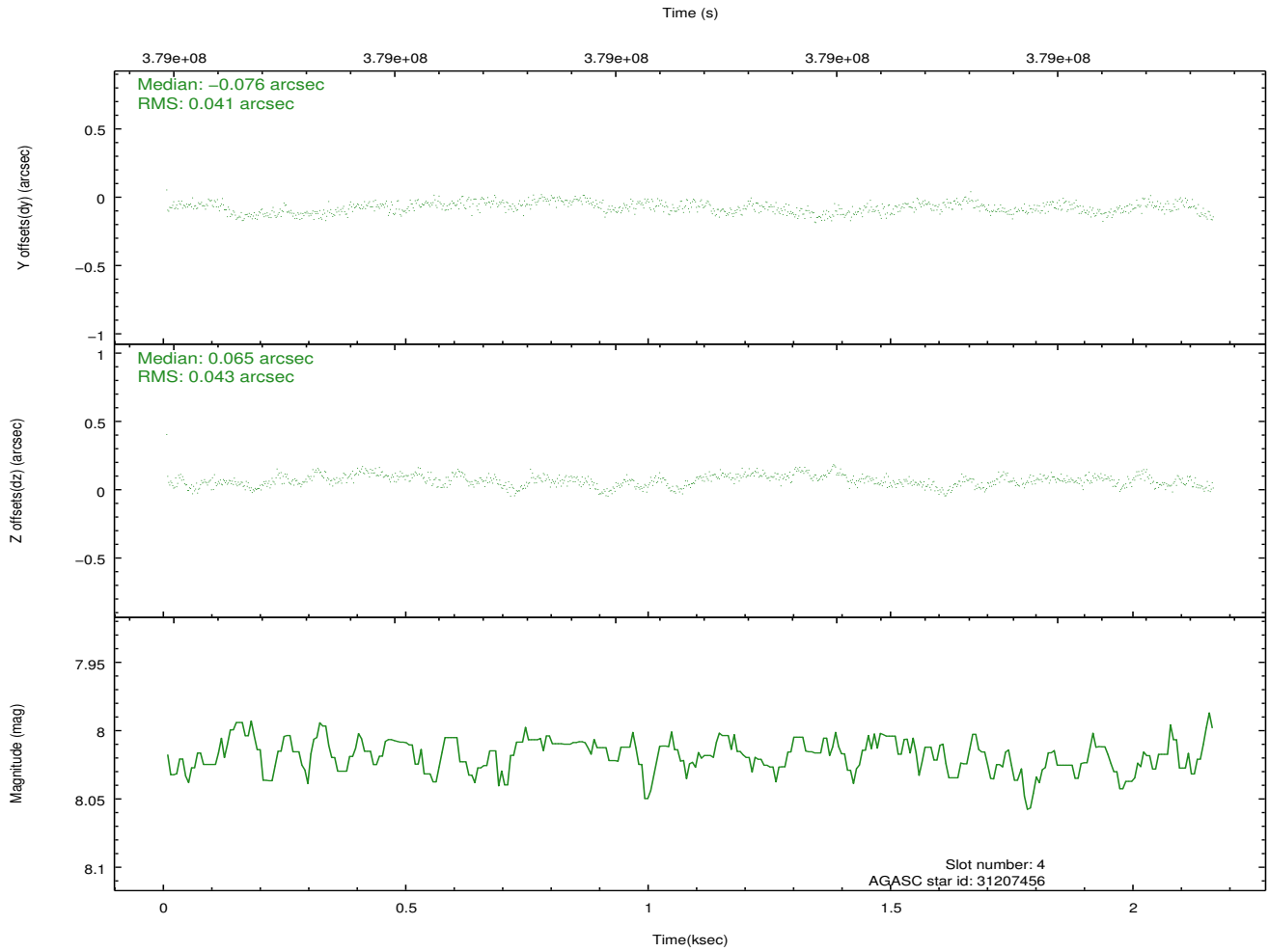
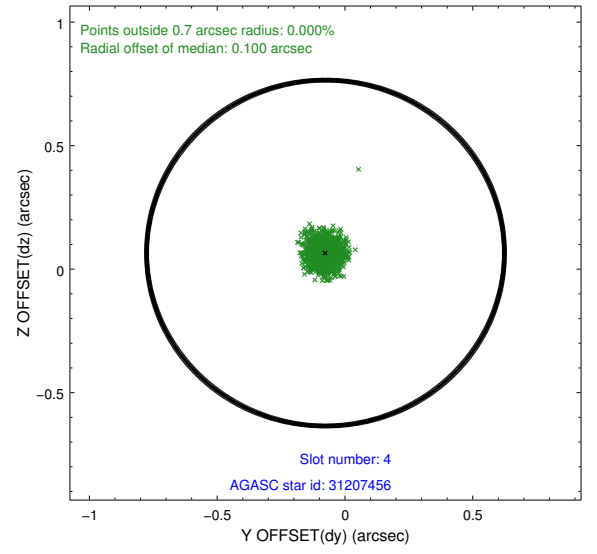
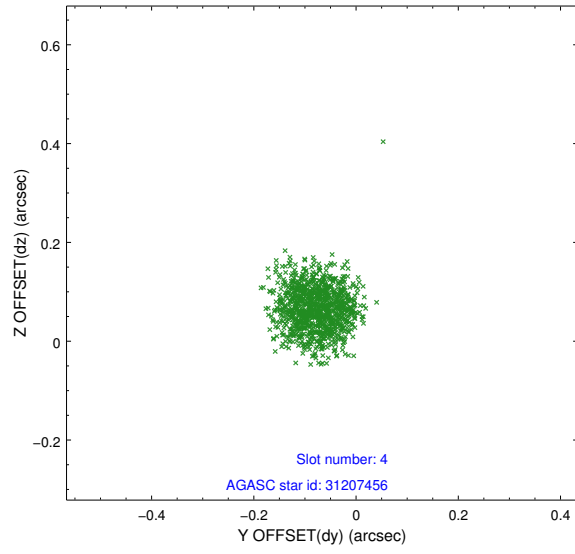
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.04	527	0.027	-0.080	0.007	0.011	0.000000	0.000000	927.61	-1733.07
1	FID	ACIS-S-4	7.05	527	0.148	0.047	0.006	0.010	0.000000	0.000000	2146.81	168.09
2	FID	ACIS-S-5	7.09	527	-0.202	0.046	0.005	0.009	0.000000	0.000000	-1817.62	165.11
3	GUIDE	31201104	9.02	1053	0.204	0.069	0.093	0.150	144.741789	3.223669	-1375.52	1266.01
4	GUIDE	31207456	8.02	1053	-0.076	0.065	0.064	0.097	144.888803	3.492929	-273.51	1296.25
5	GUIDE	31210976	8.59	1051	-0.078	-0.214	0.094	0.145	144.892270	3.933162	1104.92	2080.16
6	GUIDE	31212984	9.10	1053	0.025	-0.209	0.107	0.172	144.592302	3.586674	-513.31	2387.71
7	GUIDE	31345072	8.97	1053	-0.073	0.279	0.104	0.161	146.056945	3.441337	1673.52	-2425.84

2.4 Star Slots

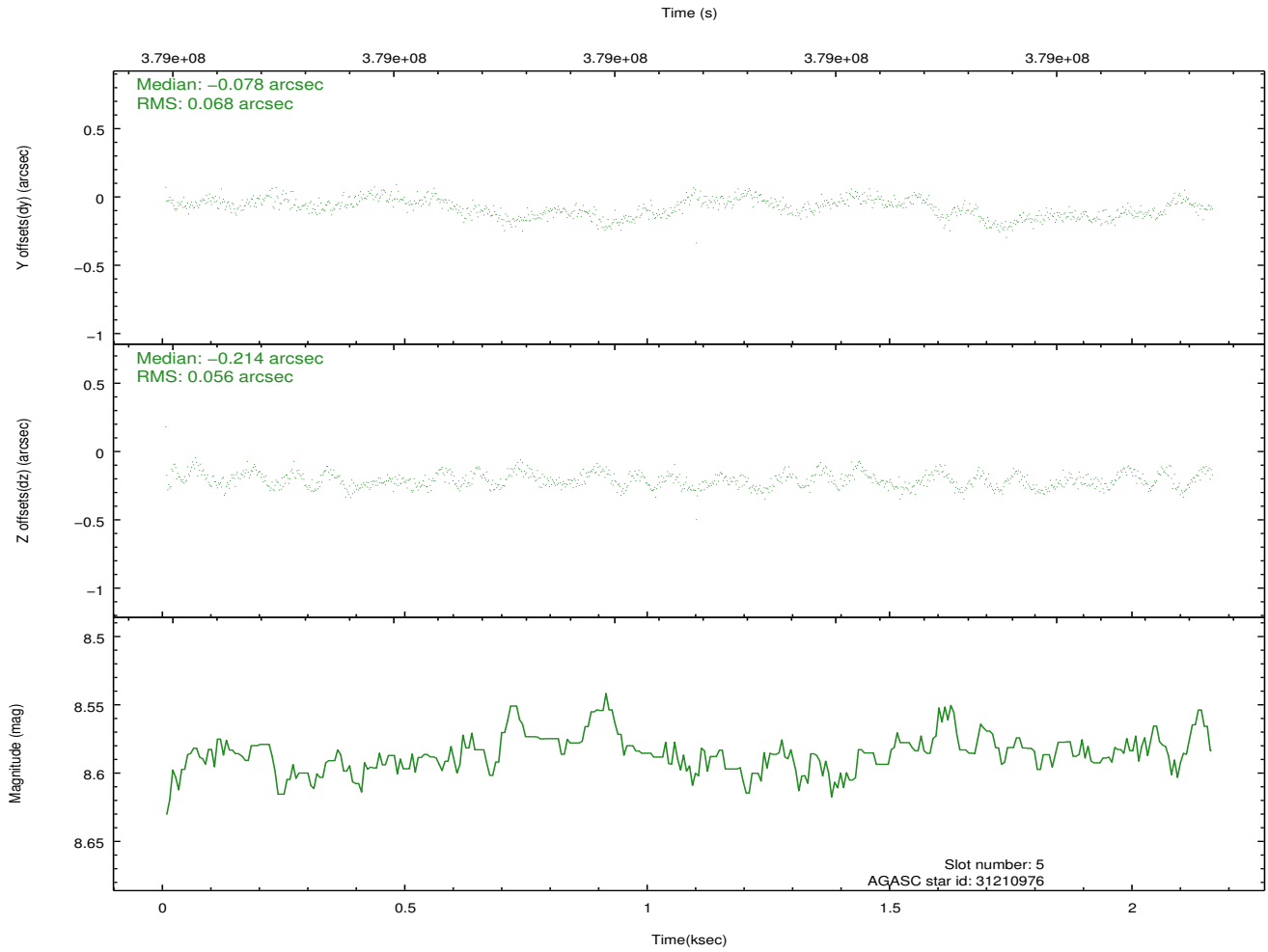
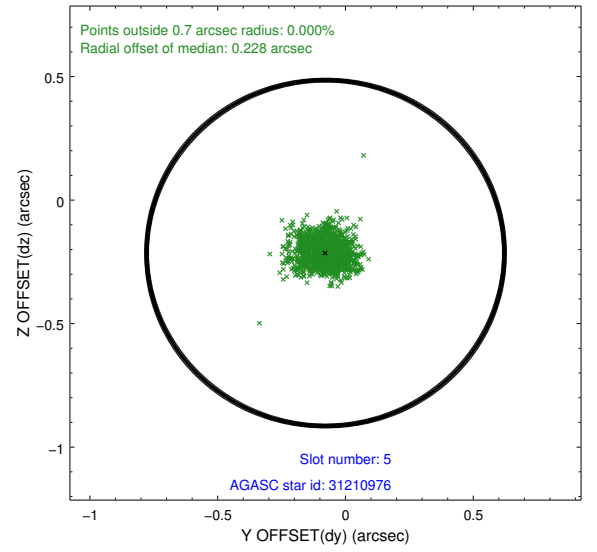
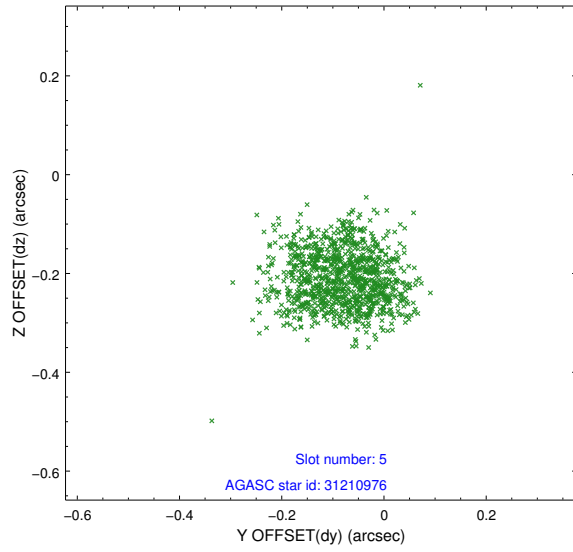
2.4.1 Slot 3



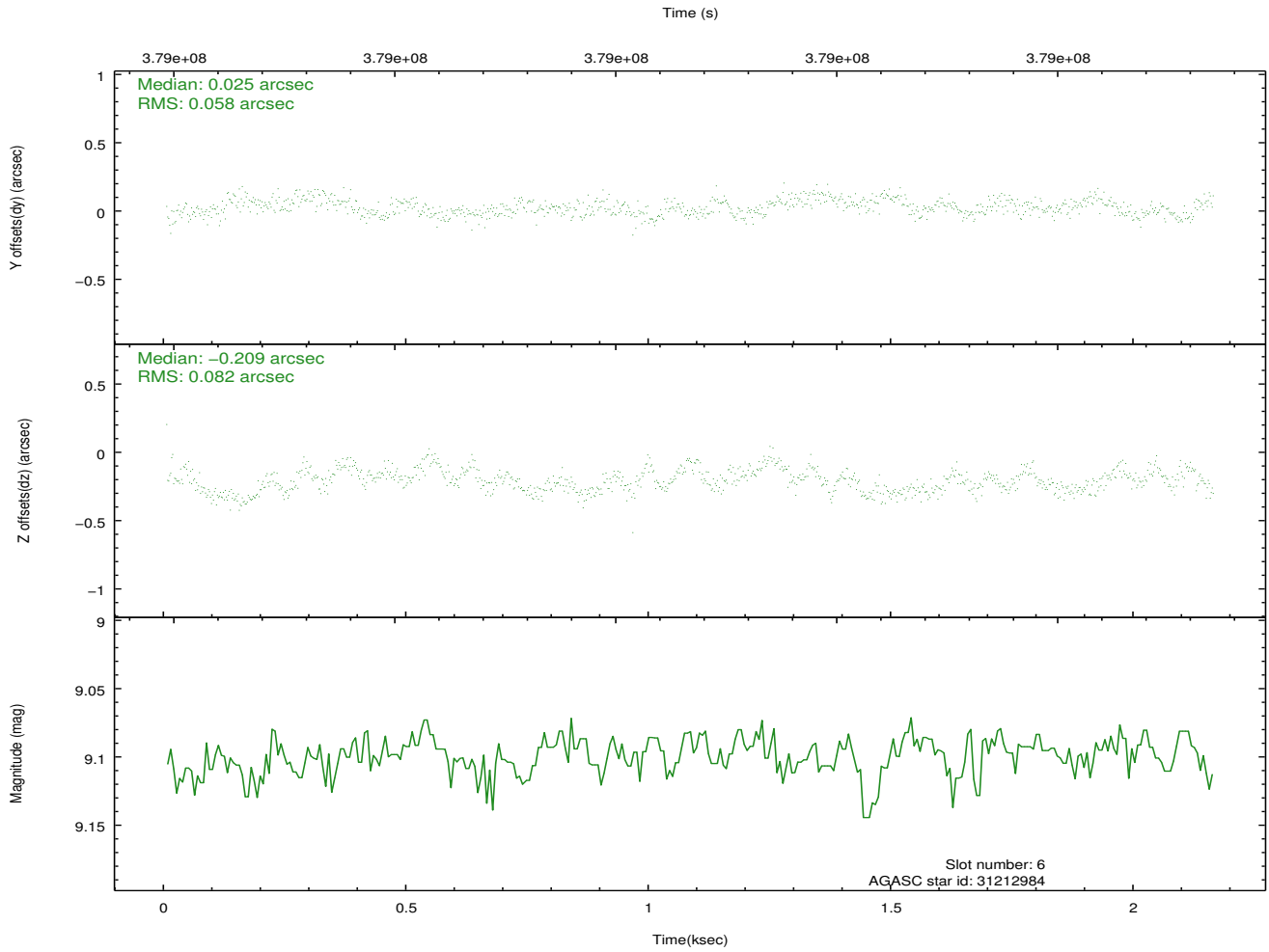
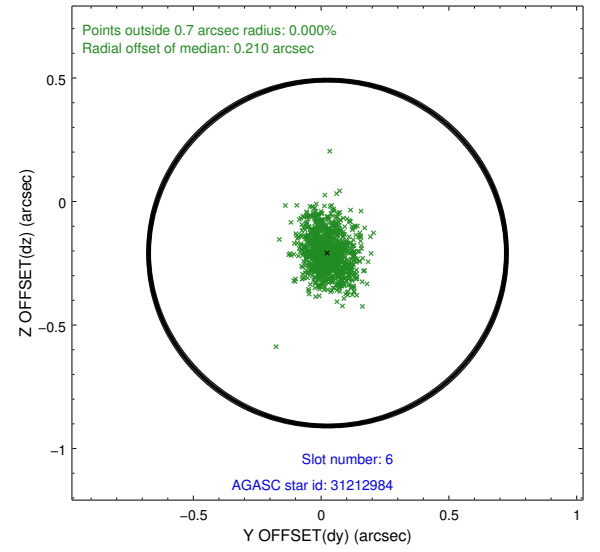
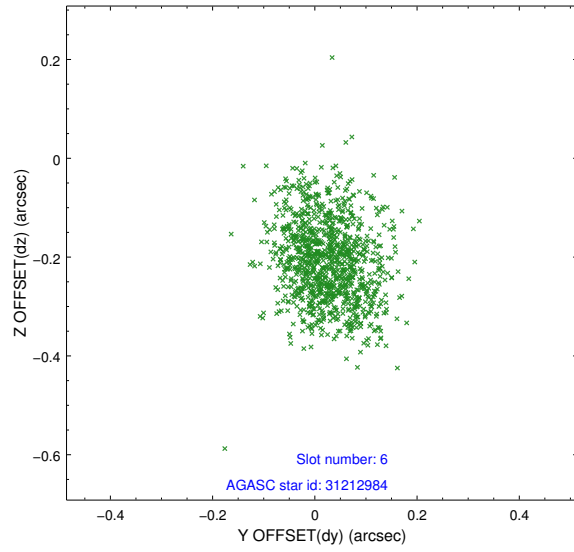
2.4.2 Slot 4



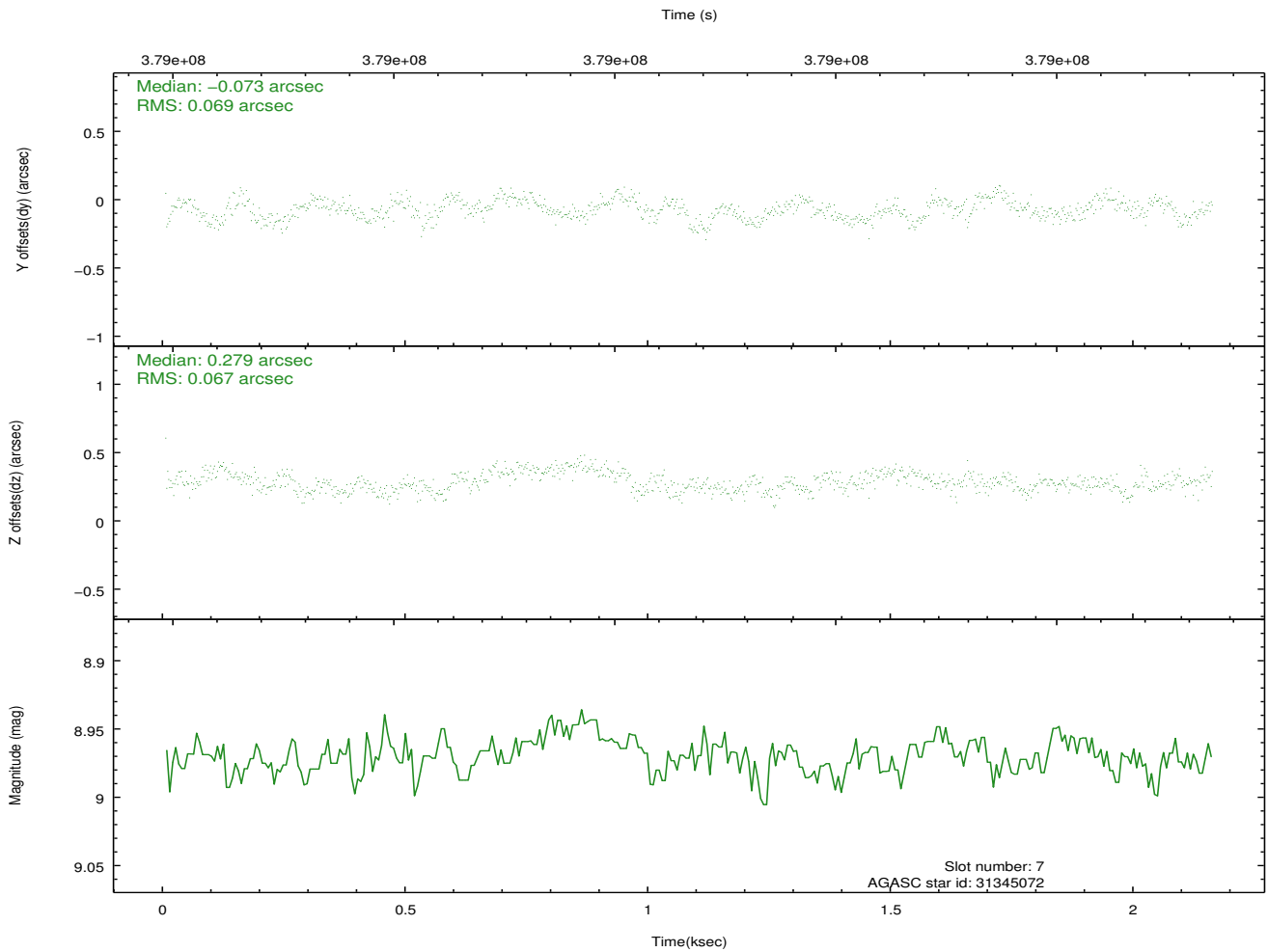
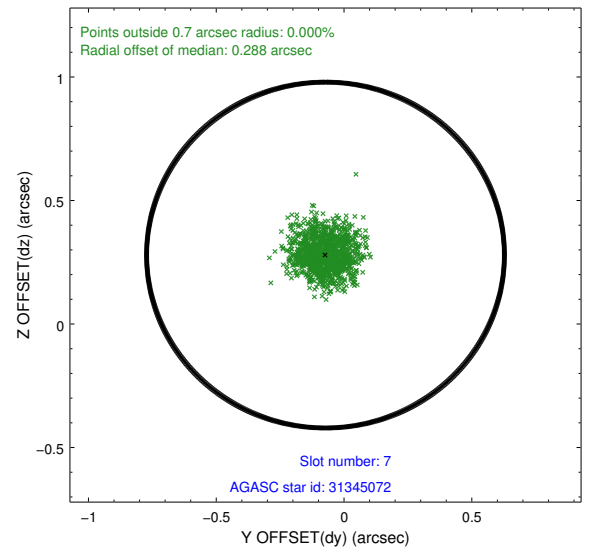
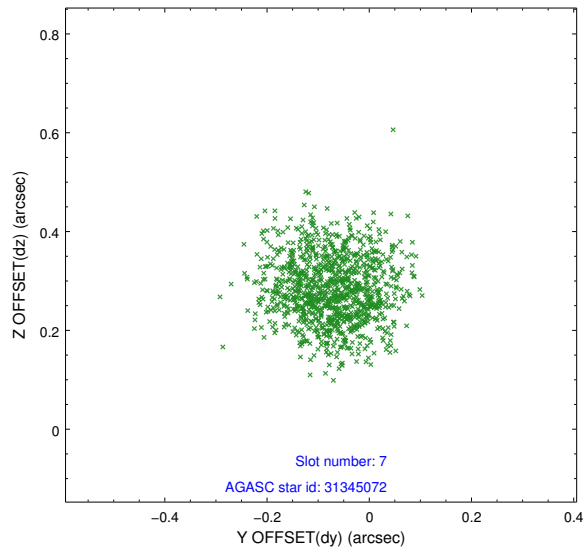
2.4.3 Slot 5



2.4.4 Slot 6

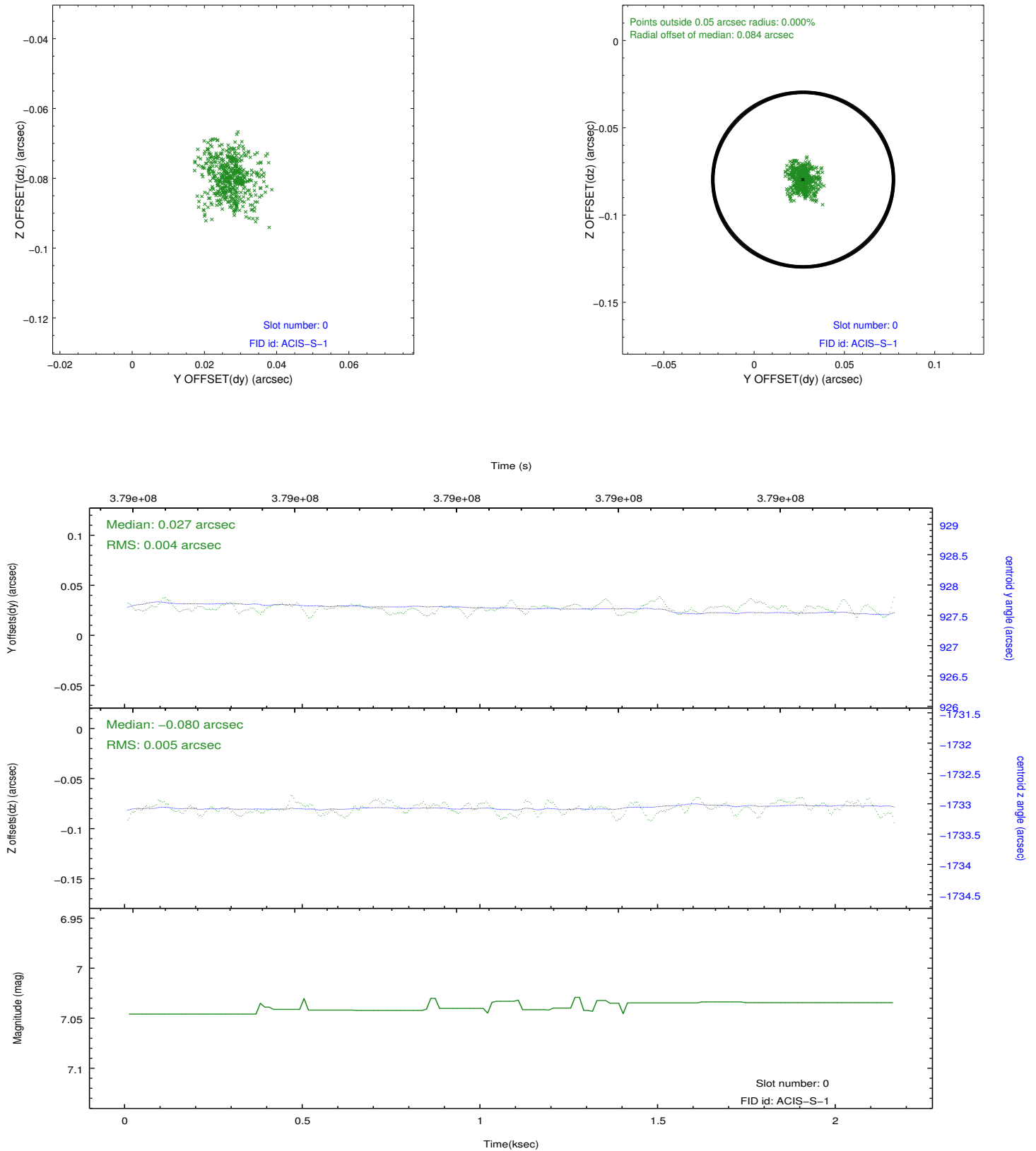


2.4.5 Slot 7

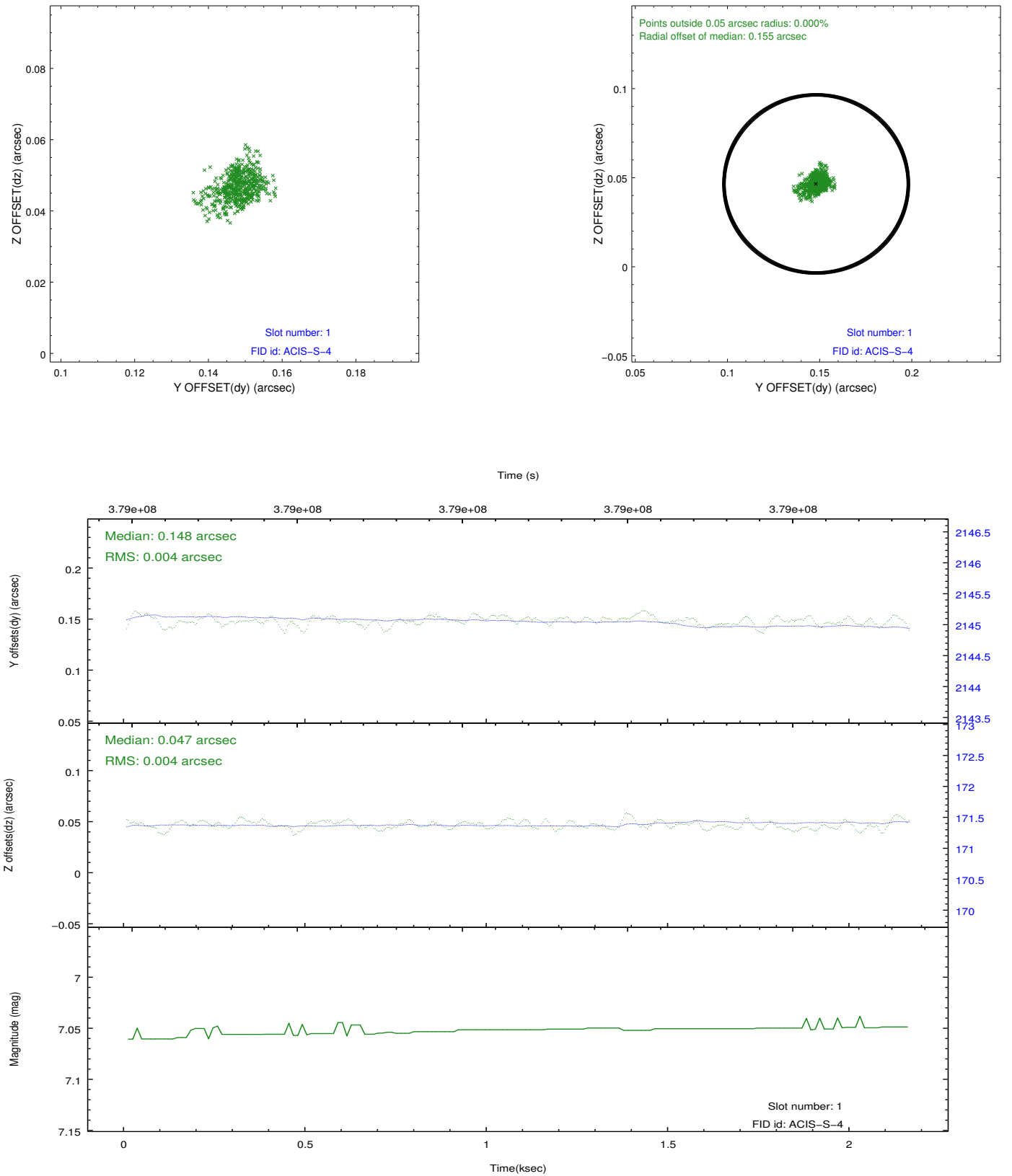


2.5 FID Slots

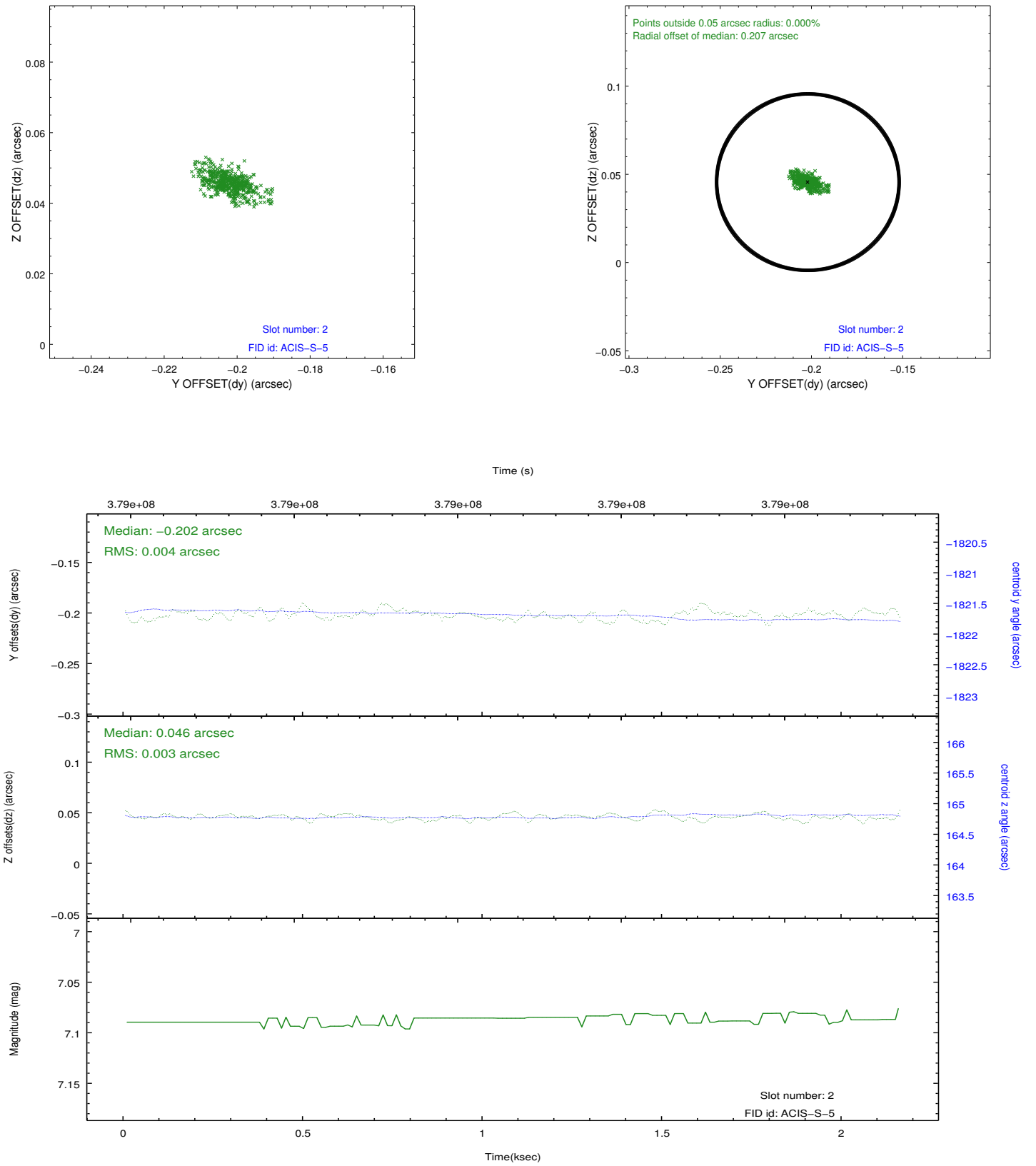
2.5.1 Slot 0



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)	2012.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1579998713732

A.2 Comments