

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10308 - L2 Version 2
Chandra X-Ray Center

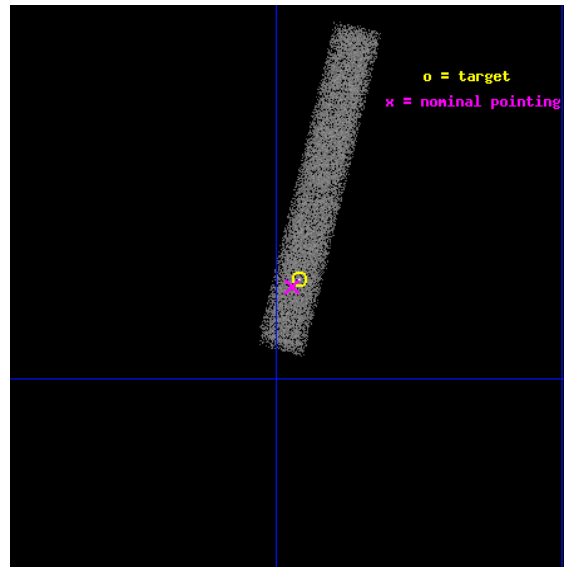
L2 Processing Date : May 31 2012

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1 Front

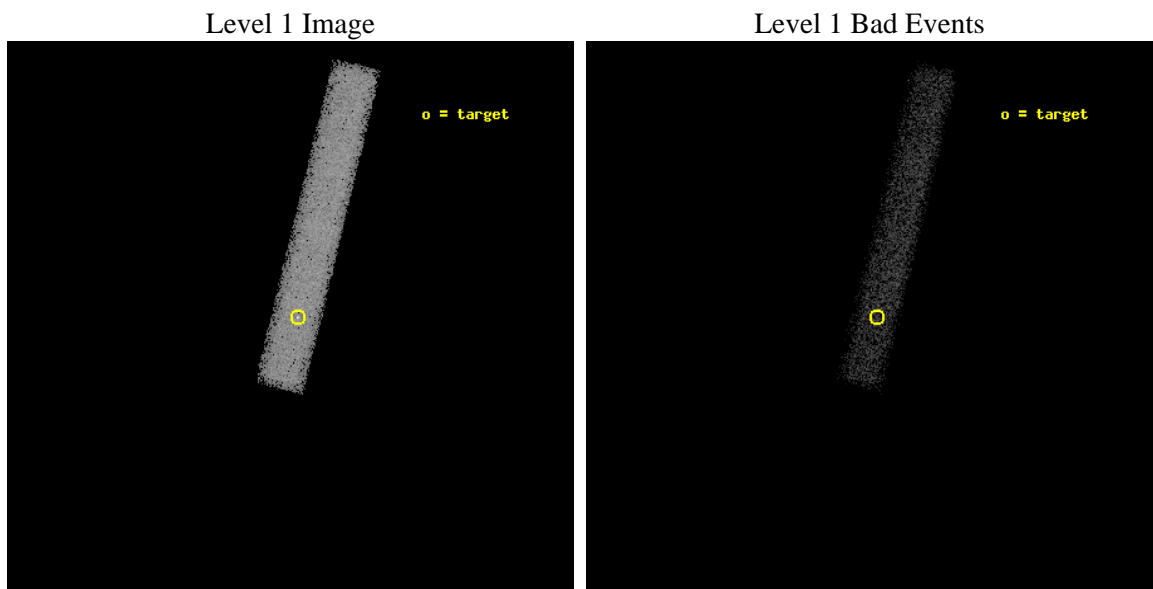
seq_num	701851	Sequence number
obs_id	10308	Observation id
title	Jets at Intermediate Redshifts: Shedding Light on Emission Mechanisms and Physics	Proposal title
observer	Dr. Rita Sambruna	Principal investigator
object	0805+046	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	121.989583	Observer's specified target RA [deg]
dec_targ	4.543056	Observer's specified target Dec [deg]
ra_nom	121.99304652636	Nominal RA [deg]
dec_nom	4.5396706306404	Nominal Dec [deg]
roll_nom	283.66533464958	Nominal Roll [deg]
revision	2	Processing version of data
ontime	21181.998737454	Sum of GTIs [s]
livetime	19210.954777303	Livetime [s]
ontime7	21181.998737454	Sum of GTIs [s]
l2events	18578	Number of level 2 events



2 OBI

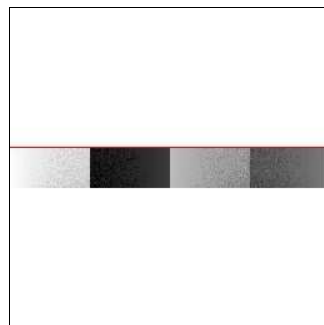
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	21000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	21181.998737454	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	21181.998737454	Sum of GTIs [s]
date	2012-05-31T02:21:05	Date and time of file creation	l1events	44234	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

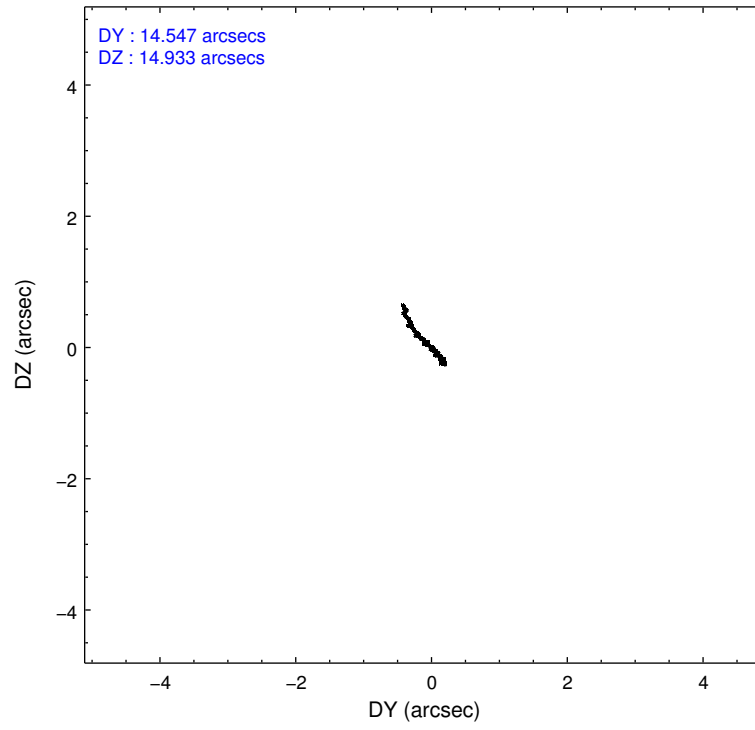
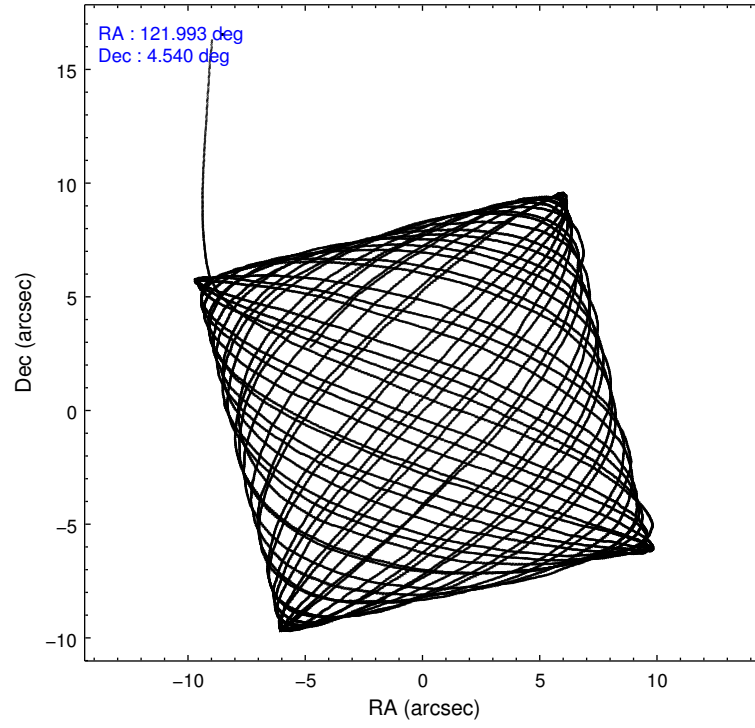
	ccd 7
level 1 events	44234
rejected events	24895
rejected %	56%

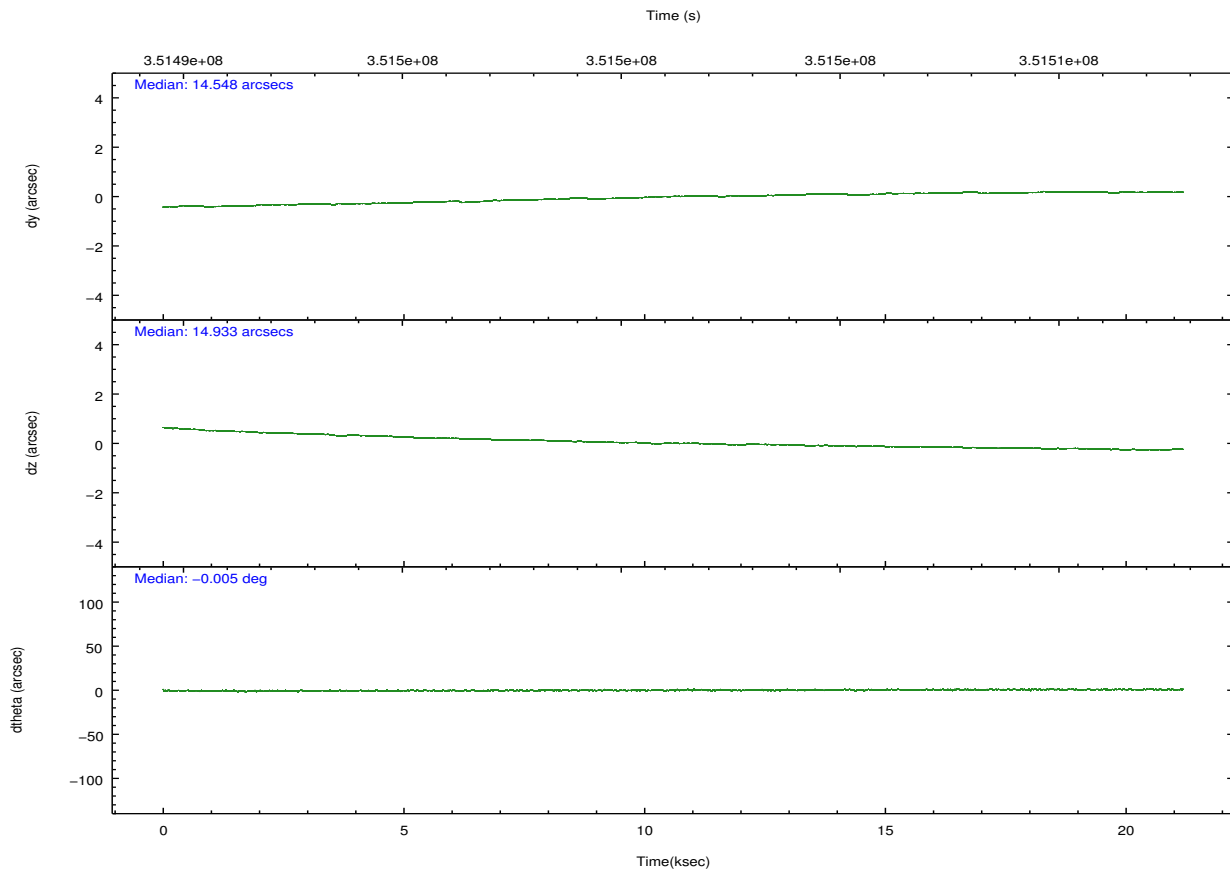
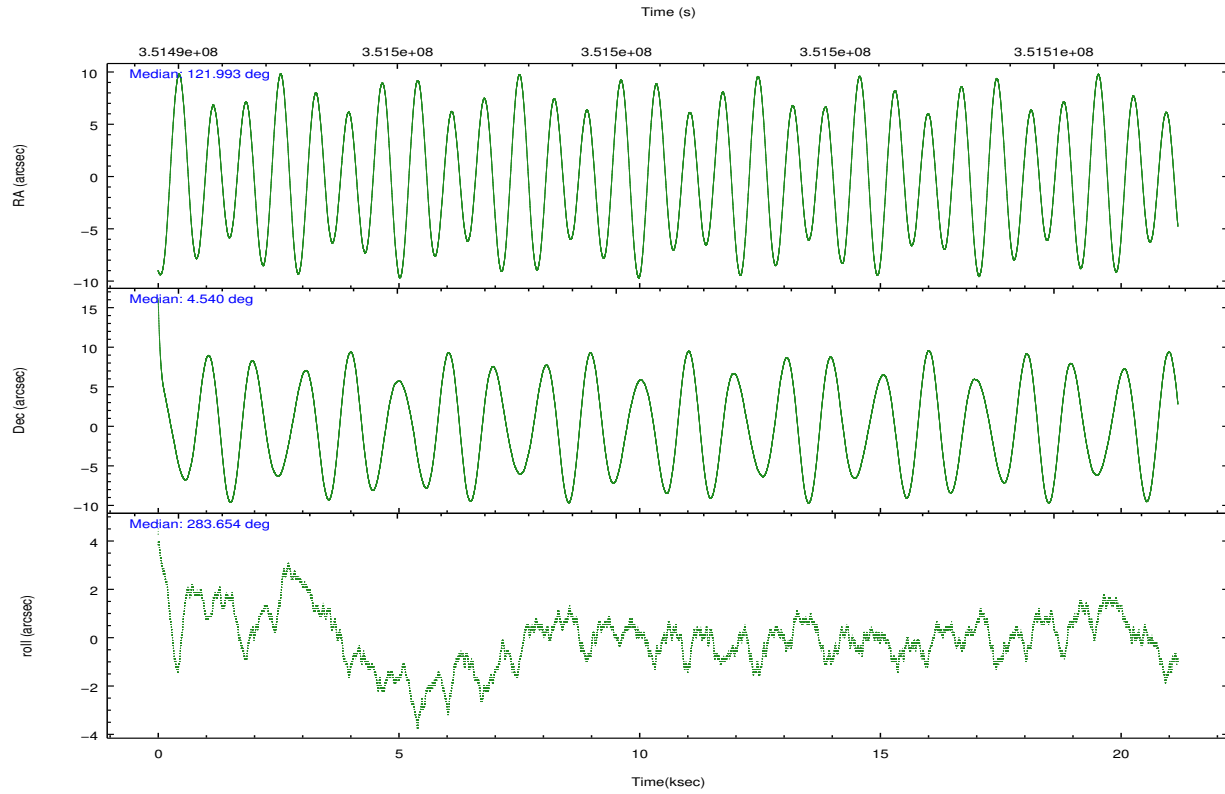
	ccd 7
grade 0 events	2094
	4%
grade 1 events	45
	0%
grade 2 events	4012
	9%
grade 3 events	2565
	5%
grade 4 events	2510
	5%
grade 5 events	4058
	9%
grade 6 events	9439
	21%
grade 7 events	19511
	44%

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	121.973827	121.9930465263573	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	4.559168	4.539670630640449	Subarray start row	449	449
[deg] Pointing Roll	283.510226	283.6653346495809	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	351490773.184000	351489174.86234			
Observation start date	2009-02-20T04:18:27	2009-02-20T03:52:54			
[s] Observation end time (MET)	351511773.184000	351512743.71351			
Observation end date	2009-02-20T10:08:27	2009-02-20T10:25:43			
Read mode	TIMED	TIMED			

2.3 Aspect



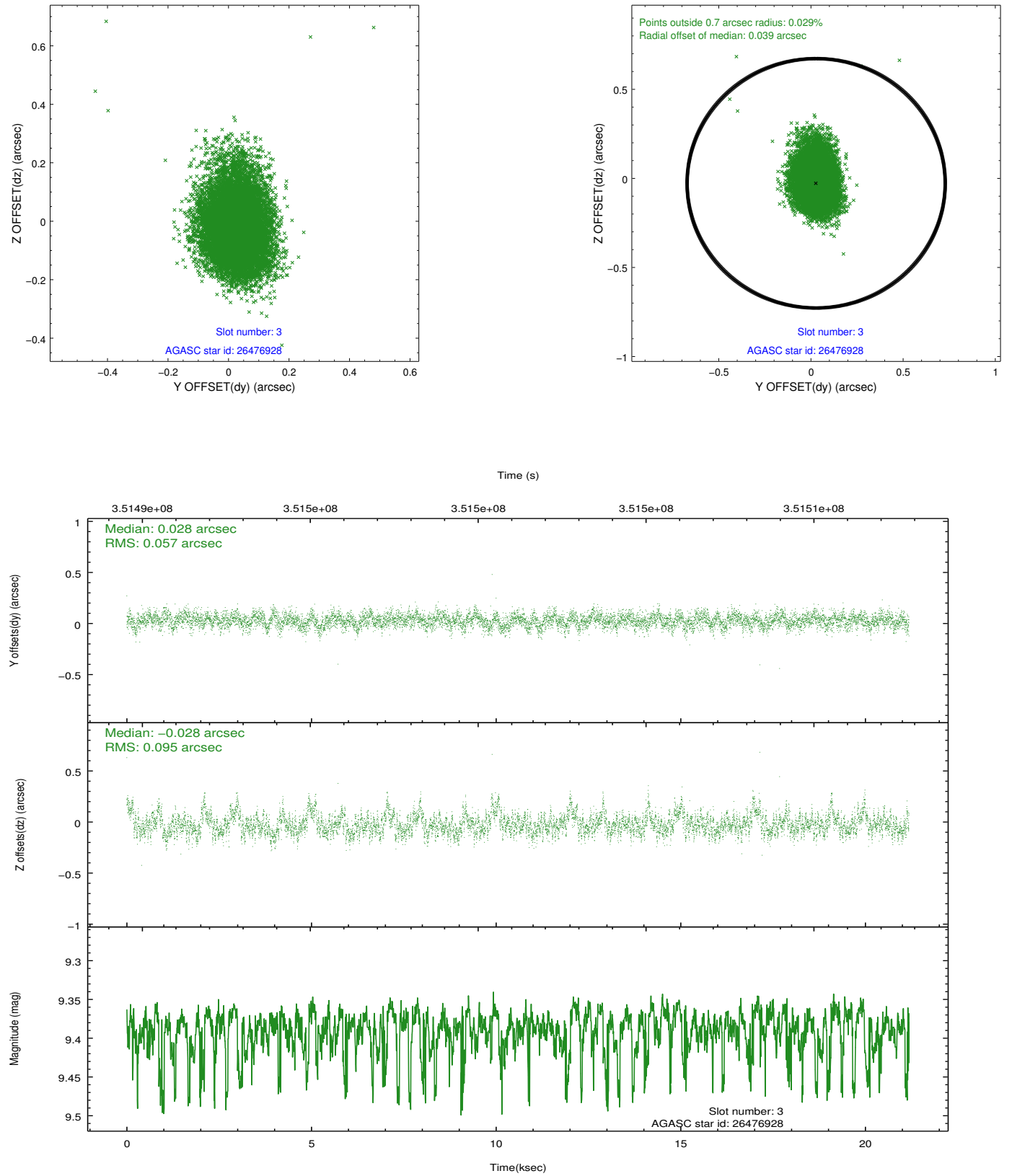


Slot Statistics

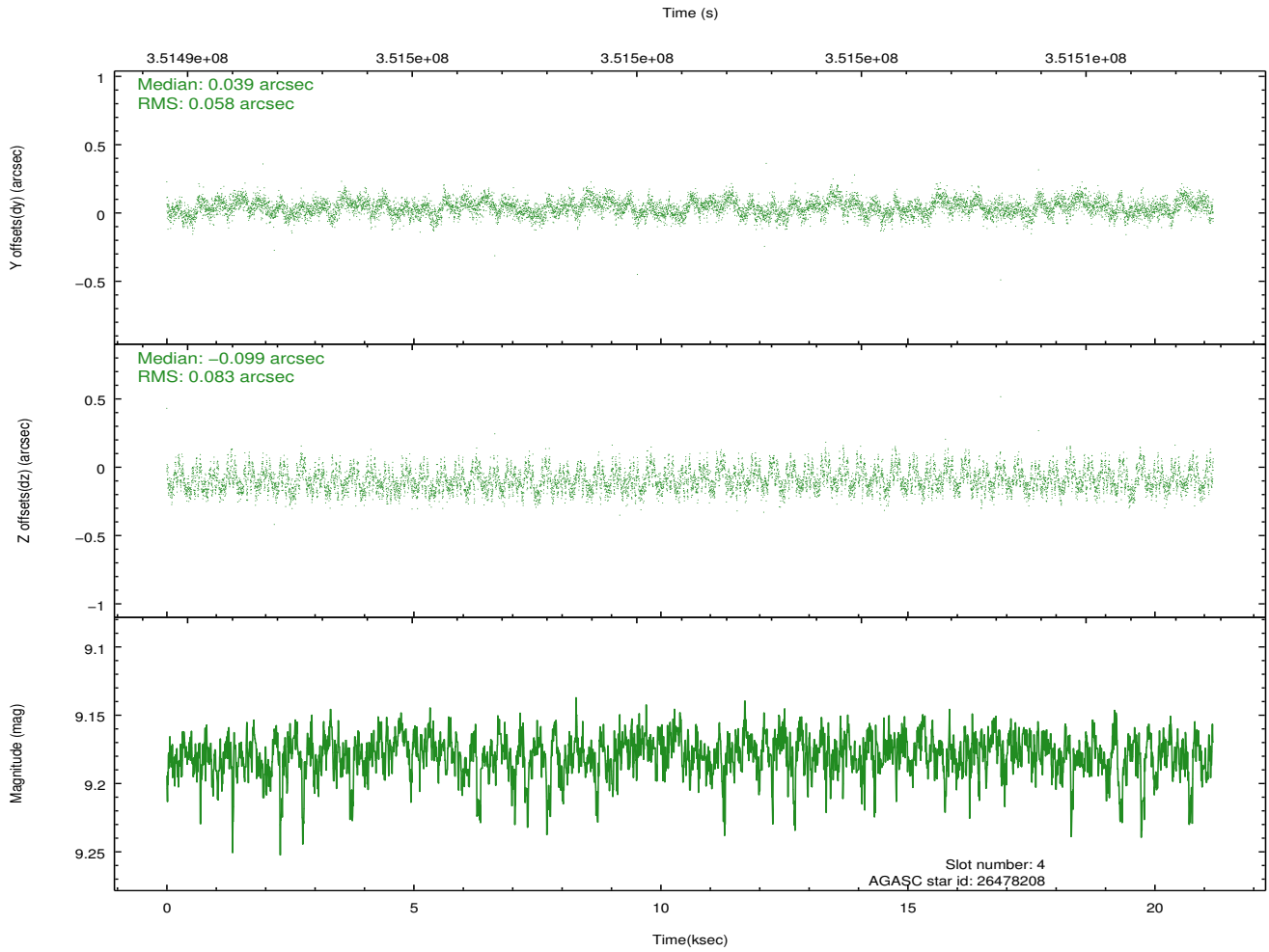
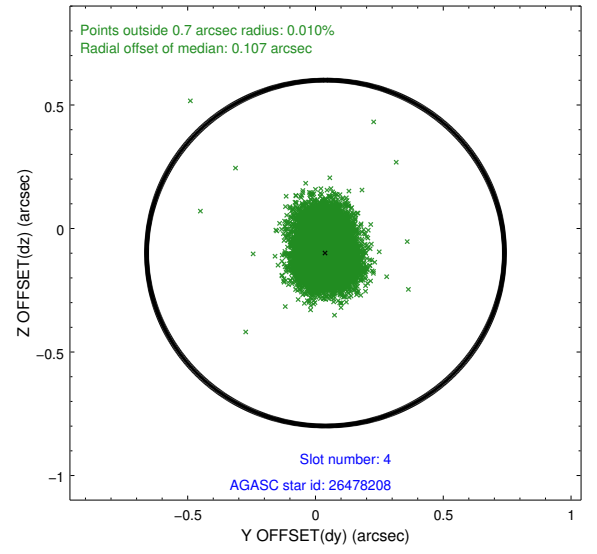
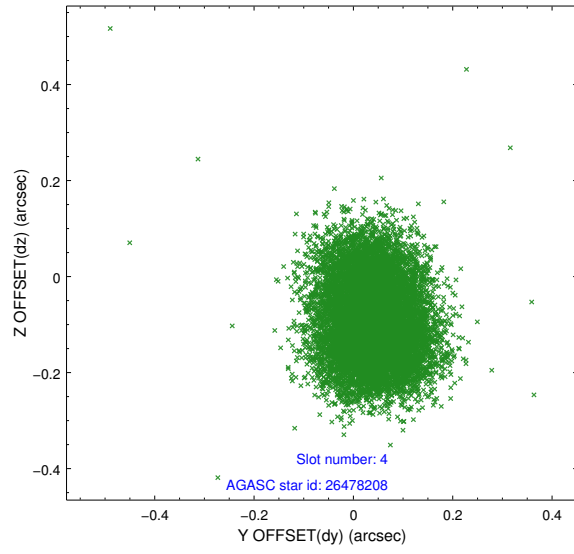
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	5167	-0.079	-0.024	0.010	0.016	0.000000	0.000000	-767.51	-1736.35
1	FID	ACIS-S-4	6.99	5167	0.192	0.044	0.008	0.015	0.000000	0.000000	2145.94	172.05
2	FID	ACIS-S-5	7.02	5167	-0.144	-0.012	0.012	0.019	0.000000	0.000000	-1820.22	165.82
3	GUIDE	26476928	9.39	10238	0.028	-0.028	0.112	0.198	121.450289	4.268865	577.21	-2071.39
4	GUIDE	26478208	9.18	10315	0.039	-0.099	0.108	0.173	121.425596	4.324507	361.80	-2110.58
5	GUIDE	26615120	8.14	10329	-0.246	0.198	0.077	0.125	121.961575	5.137247	-2033.70	443.48
6	GUIDE	26616072	9.41	10318	0.197	0.002	0.126	0.203	121.985102	4.189999	1301.93	-270.69
7	GUIDE	26621080	8.14	10330	-0.007	-0.096	0.078	0.122	122.470475	5.060102	-1337.99	2153.20

2.4 Star Slots

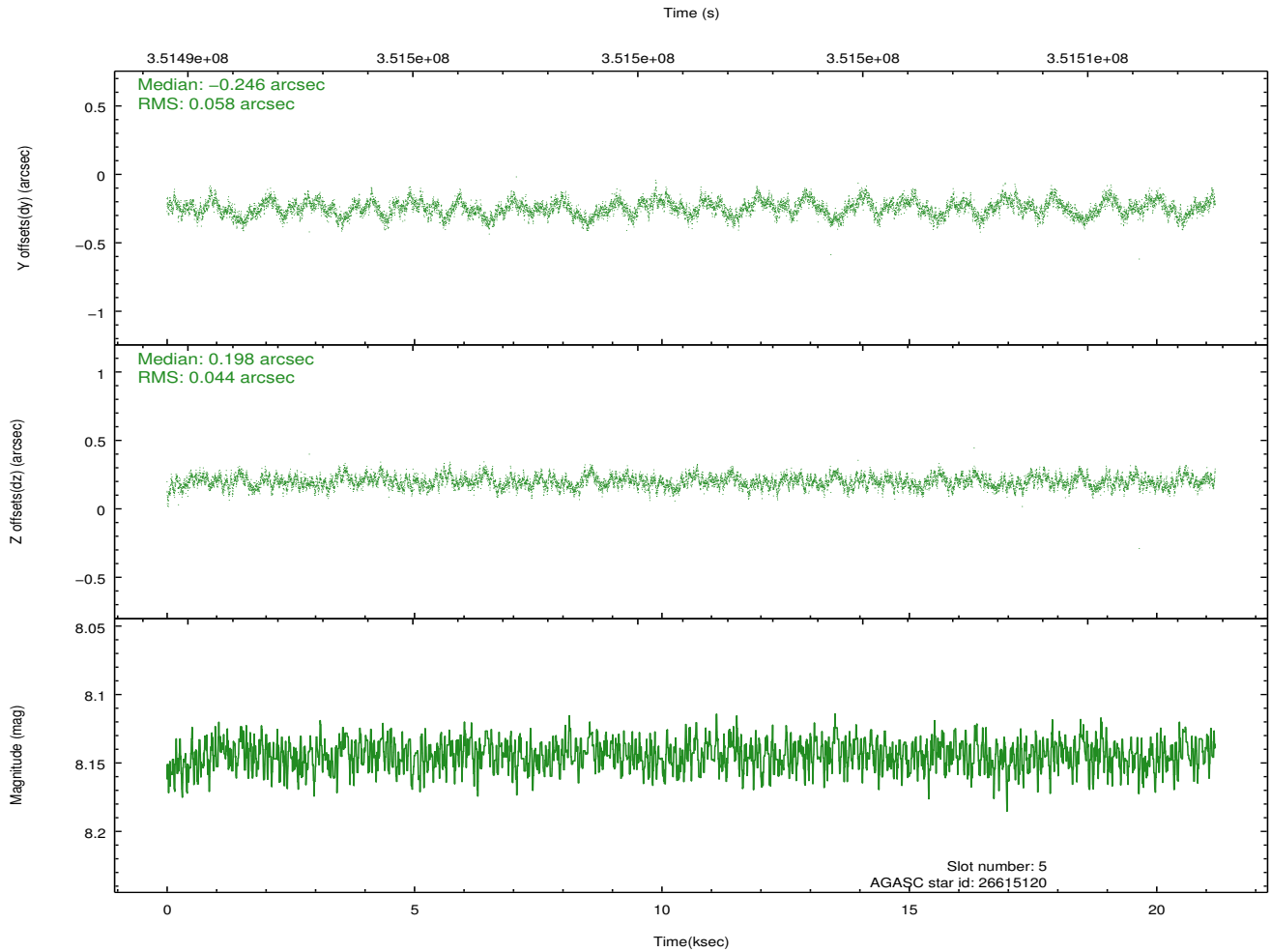
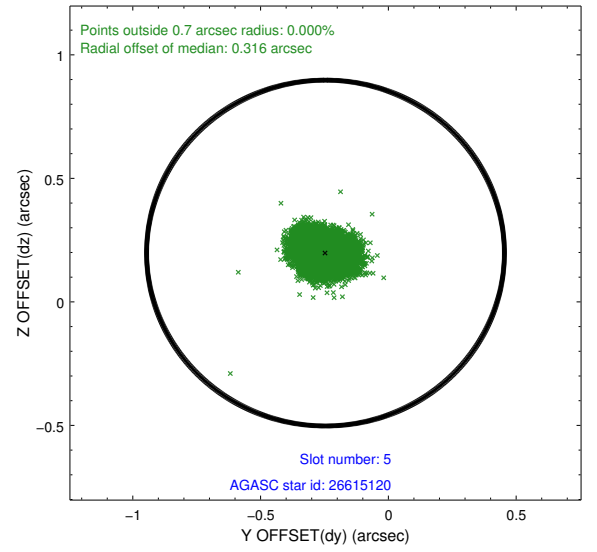
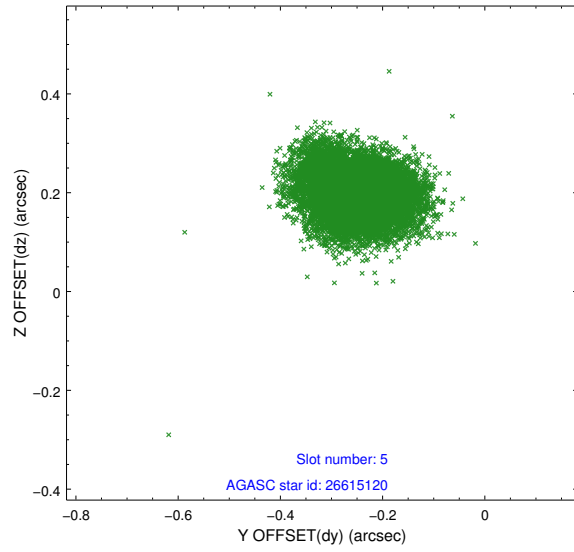
2.4.1 Slot 3



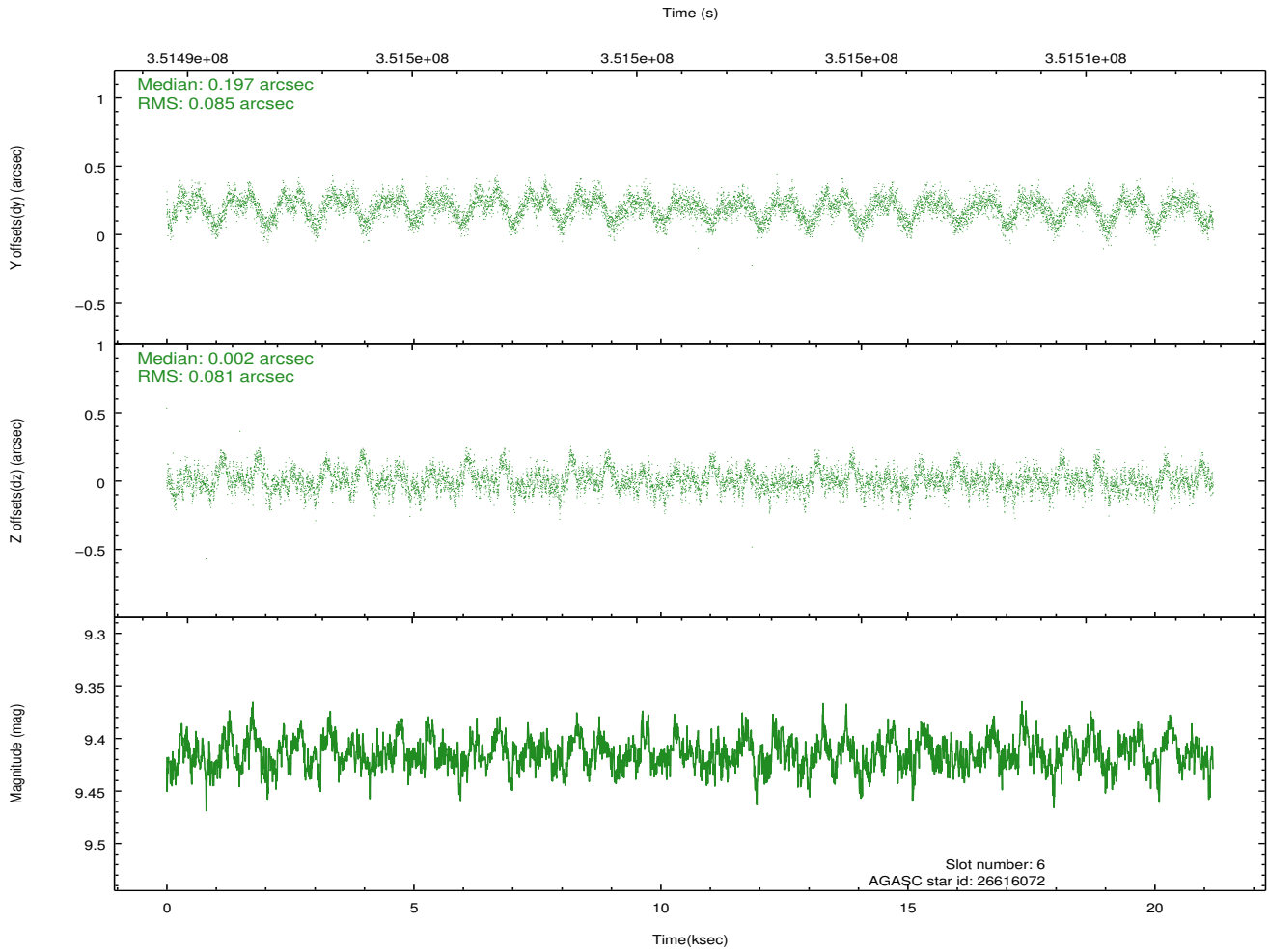
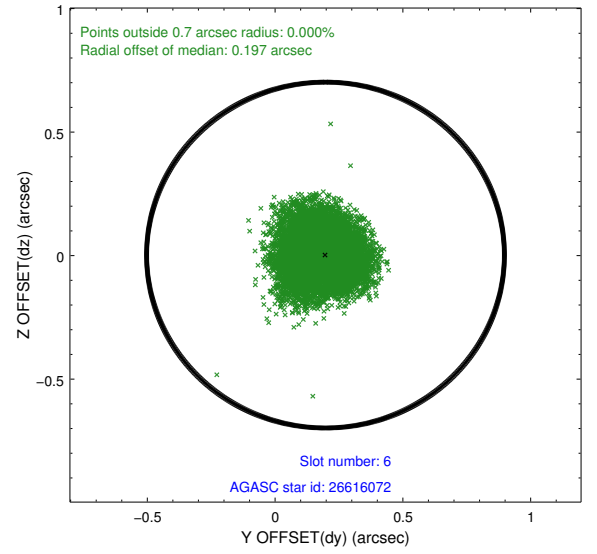
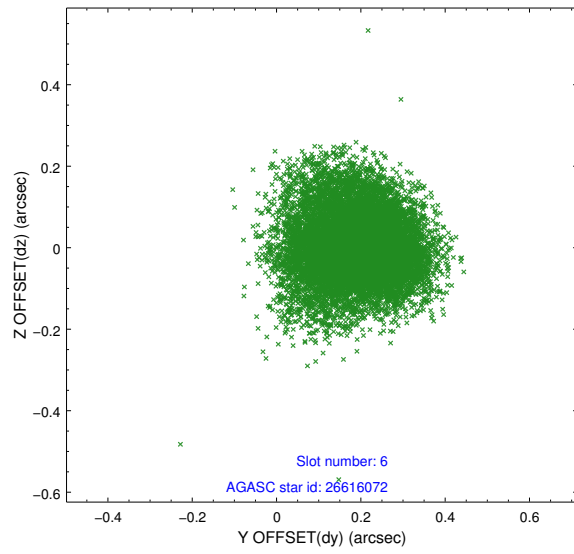
2.4.2 Slot 4



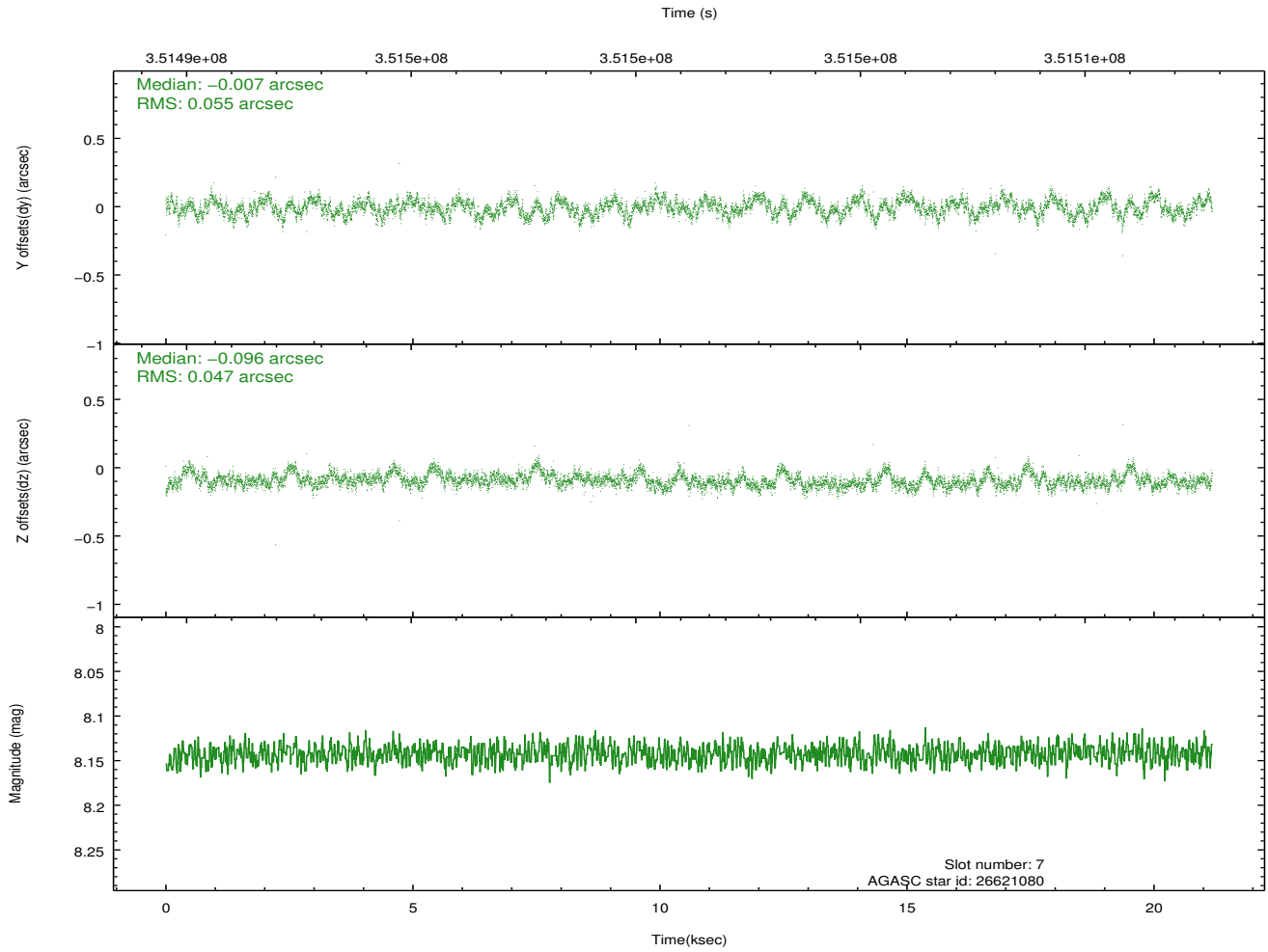
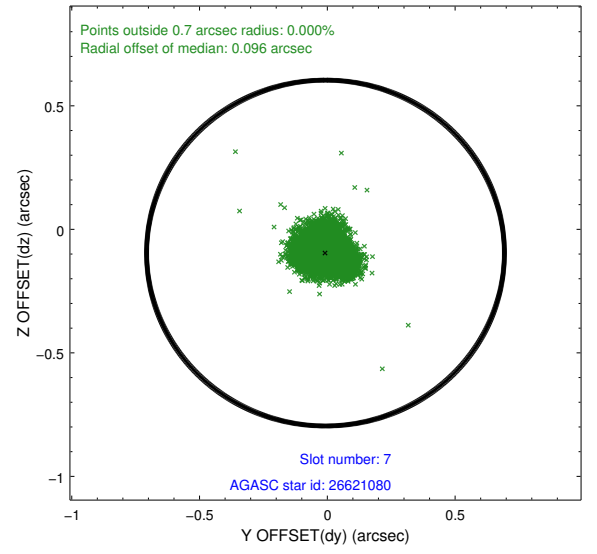
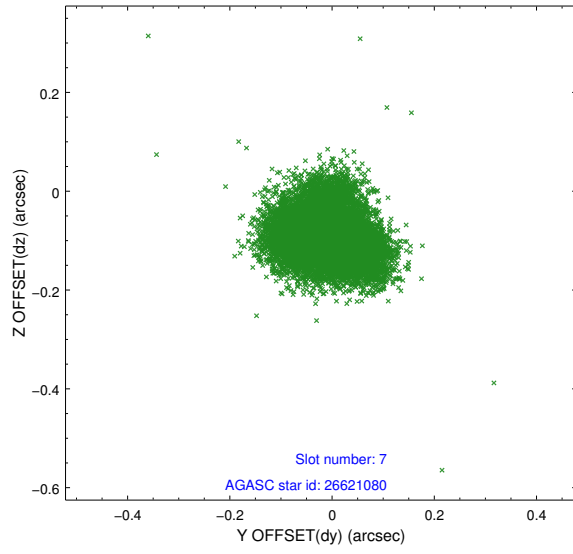
2.4.3 Slot 5



2.4.4 Slot 6

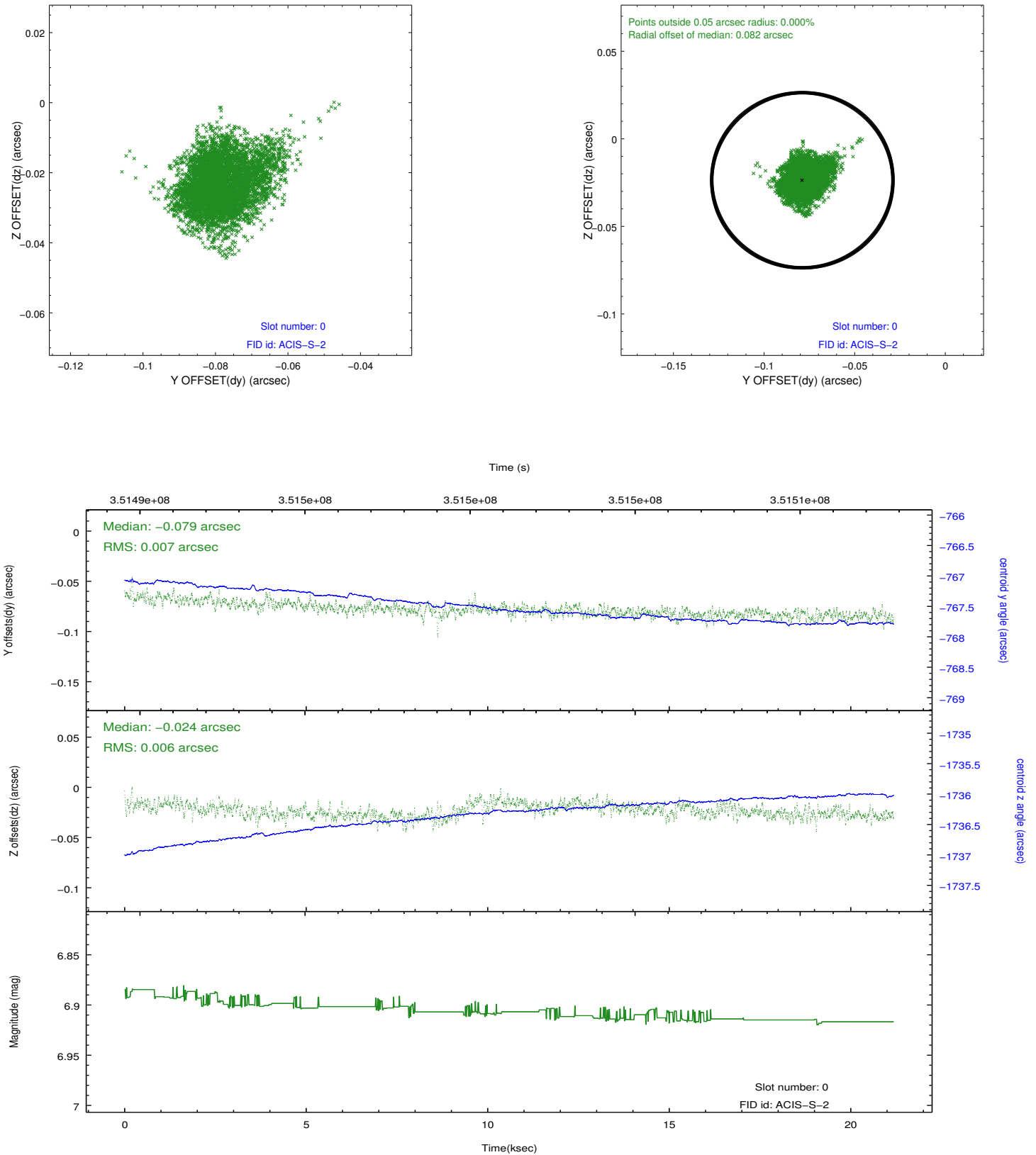


2.4.5 Slot 7

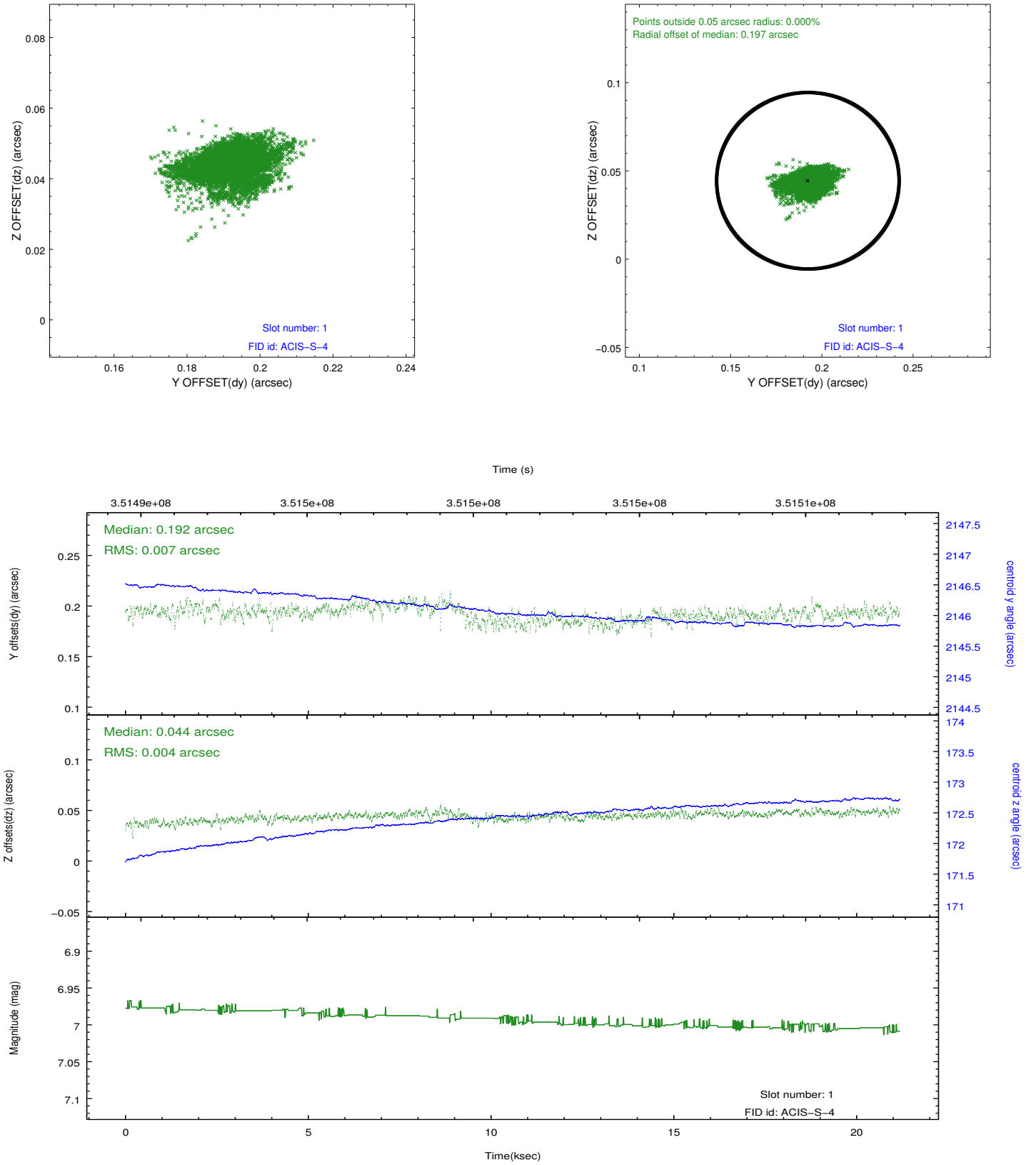


2.5 FID Slots

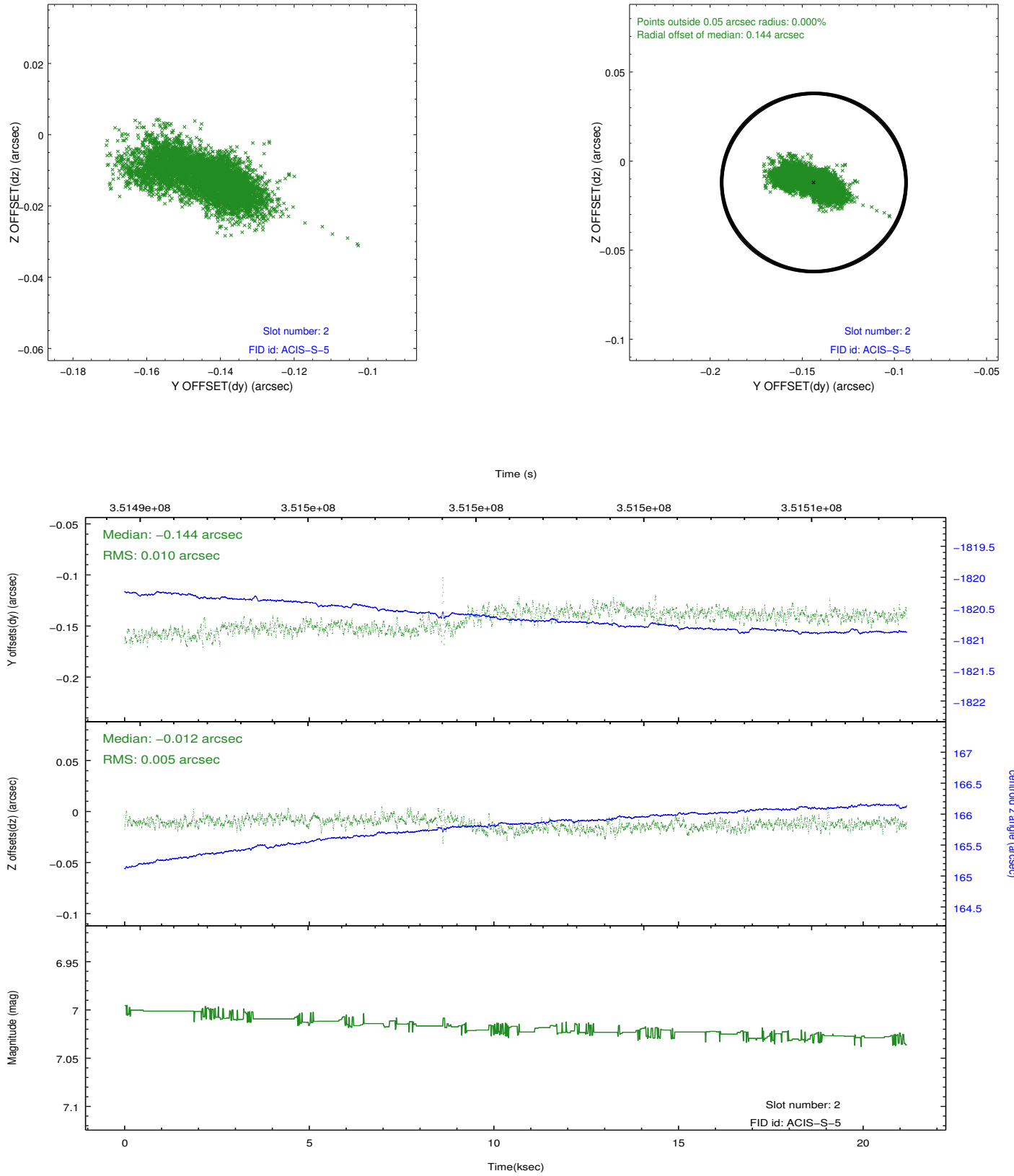
2.5.1 Slot 0



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)	2012.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.1819987

A.2 Comments

Joint Proposal: HST. Roll preference met.