

V&V Reference Report

L2 ASCDS Version : 10.4.3.1

Observation 18157 - L2 Version 1
Chandra X-Ray Center

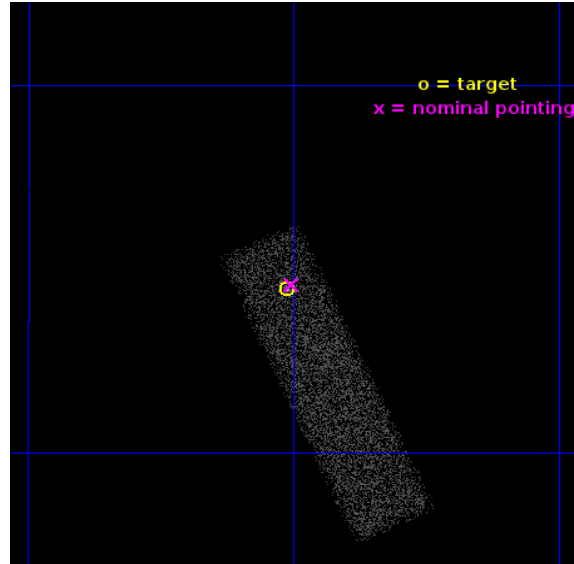
L2 Processing Date : Mar 8 2016

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1 Front

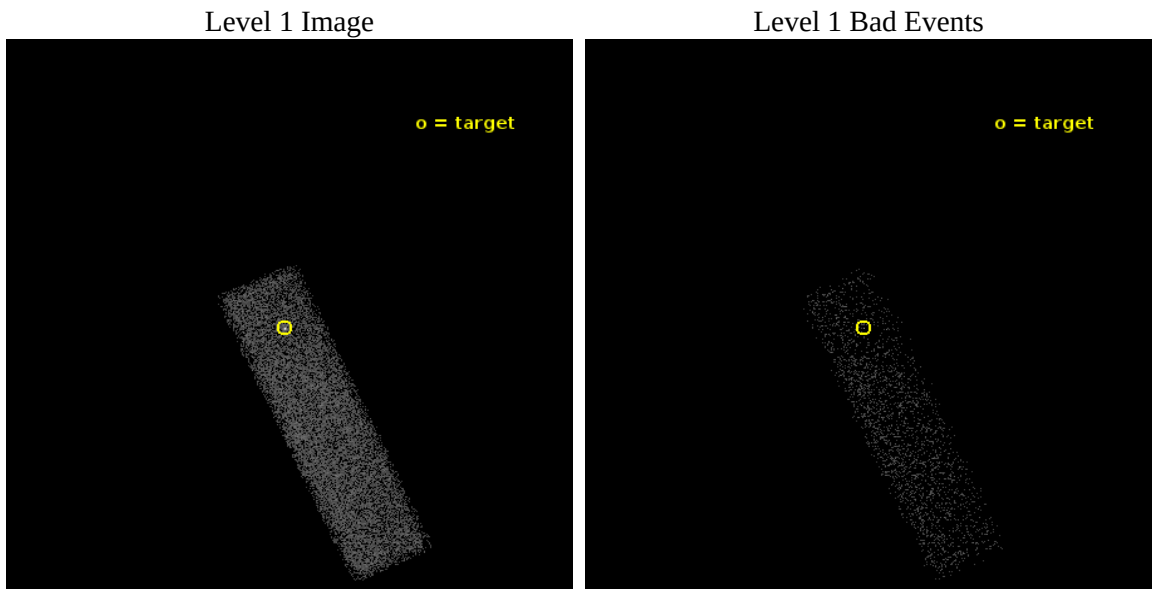
seq_num	703222	Sequence number
obs_id	18157	Observation id
title	Chandra Legacy Survey of Merger Driven AGN Activation in Nearby X-ray Selected AGN	Proposal title
observer	Dr Michael Koss	Principal investigator
object	2MASX J18443076+2204277	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	281.128333	Observer's specified target RA [deg]
dec_targ	22.074444	Observer's specified target Dec [deg]
ra_nom	281.12615383519	Nominal RA [deg]
dec_nom	22.076296584472	Nominal Dec [deg]
roll_nom	65.157466787859	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10060.79940033	Sum of GTIs [s]
livetime	9569.8653099302	Livetime [s]
ontime7	10060.79940033	Sum of GTIs [s]
l2events	10910	Number of level 2 events



2 OBI

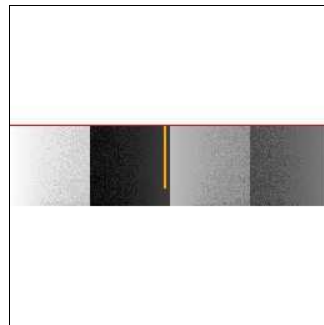
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.3.1	Processing system revision	ontime	10060.79940033	Sum of GTIs [s]
caldsver	4.7.0	 	ontime7	10060.79940033	Sum of GTIs [s]
date	2016-03-09T03:02:10	Date and time of file creation	l1events	22208	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	22208
rejected events	10974
rejected %	49%

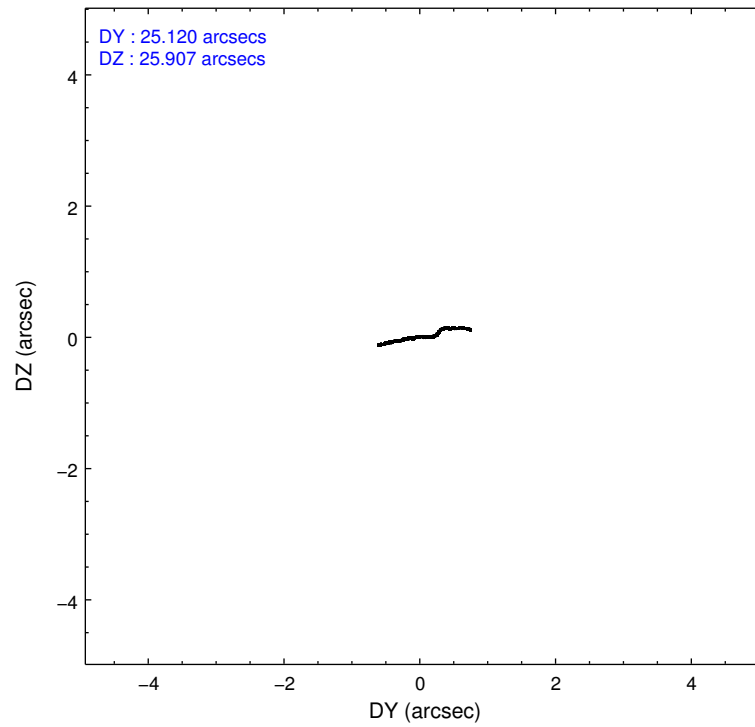
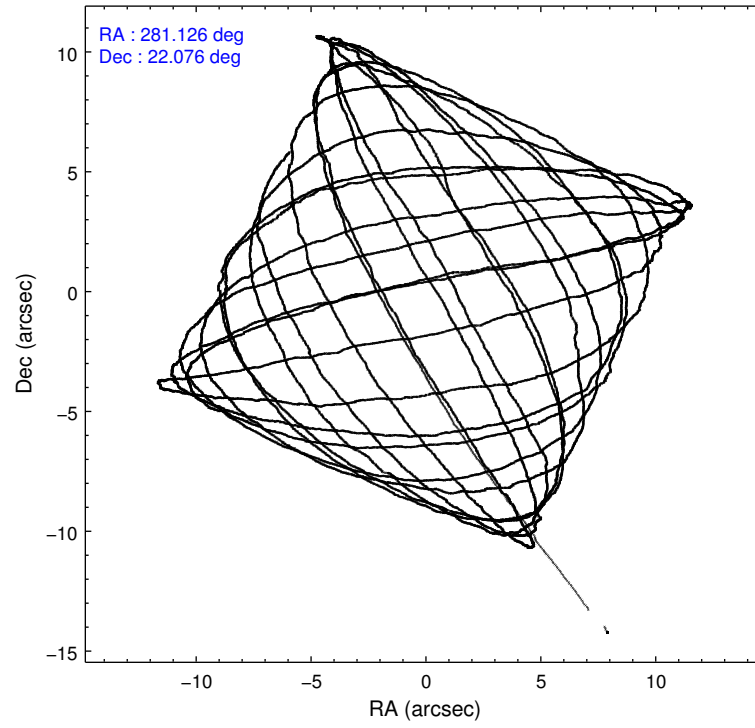
	ccd 7
grade 0 events	1247
	5%
grade 1 events	27
	0%
grade 2 events	2383
	10%
grade 3 events	1265
	5%
grade 4 events	1204
	5%
grade 5 events	2251
	10%
grade 6 events	5135
	23%
grade 7 events	8696
	39%

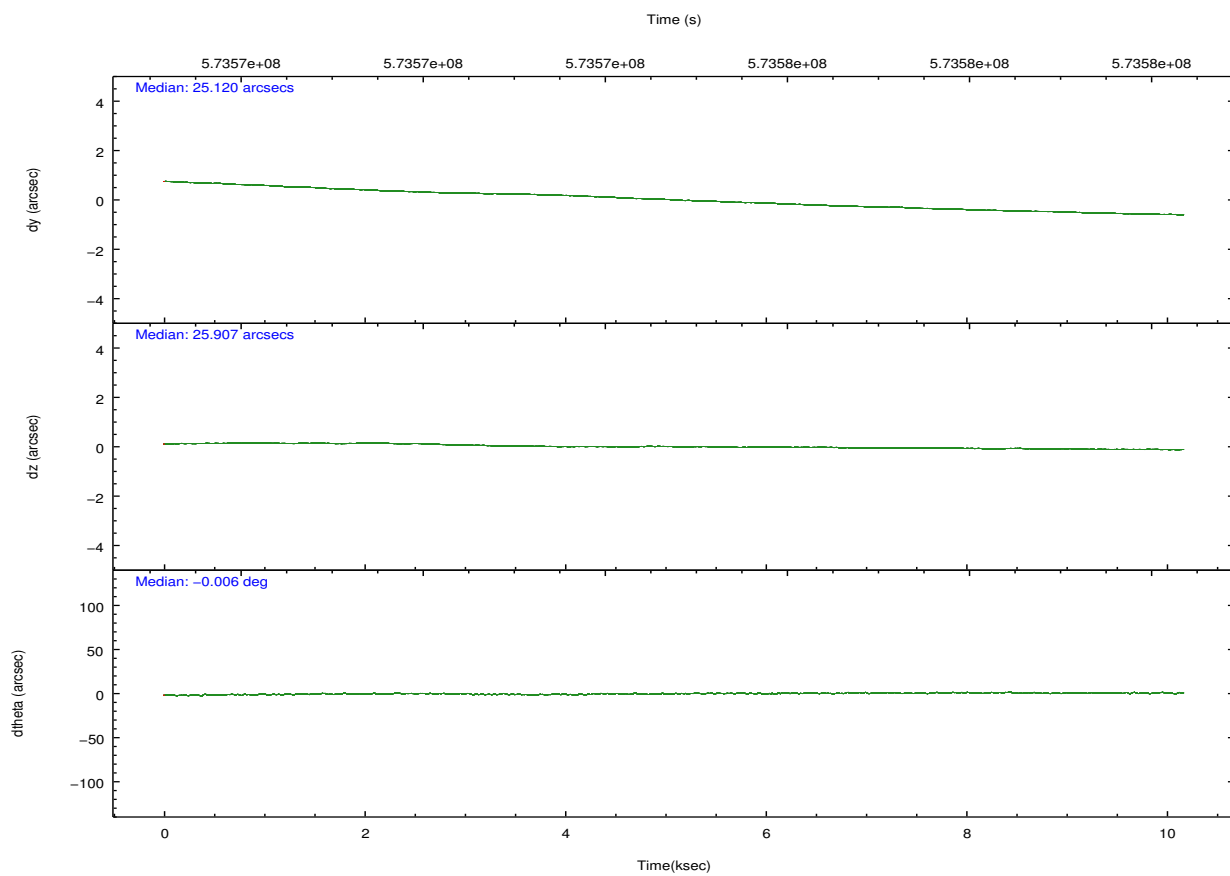
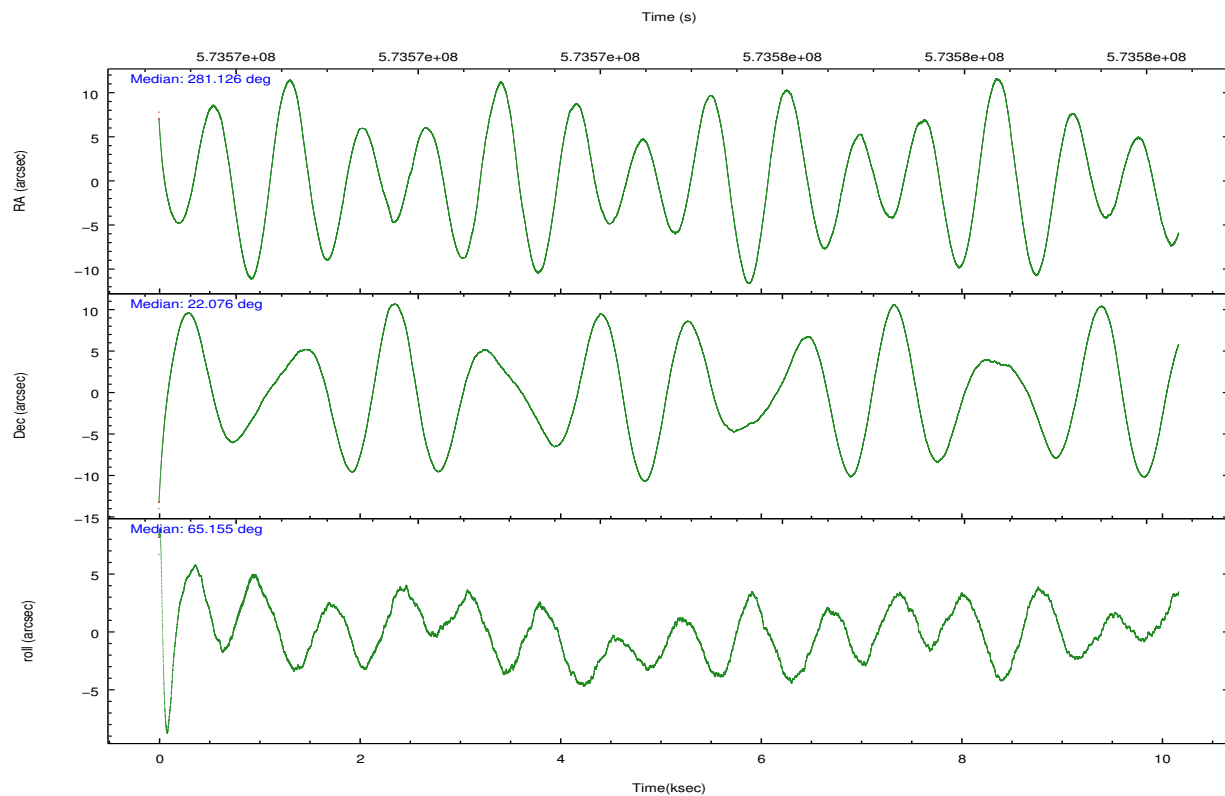
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	281.129234	281.1261538351927
[deg] Pointing Dec	22.048989	22.07629658447233
[deg] Pointing Roll	64.999661	65.15746678785938
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1400660498719
[mm] SIM translation stage offset	0	0.00754346686406393
[s] Observation start time (MET)	573569825.184000	573568659.86735
Observation start date	2016-03-05T12:55:57	2016-03-05T12:37:39
[s] Observation end time (MET)	573579825.184000	573580863.5180399
Observation end date	2016-03-05T15:42:37	2016-03-05T16:01:03
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/4
Subarray start row	385	385
Subarray row count	256	256
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.8

2.3 Aspect



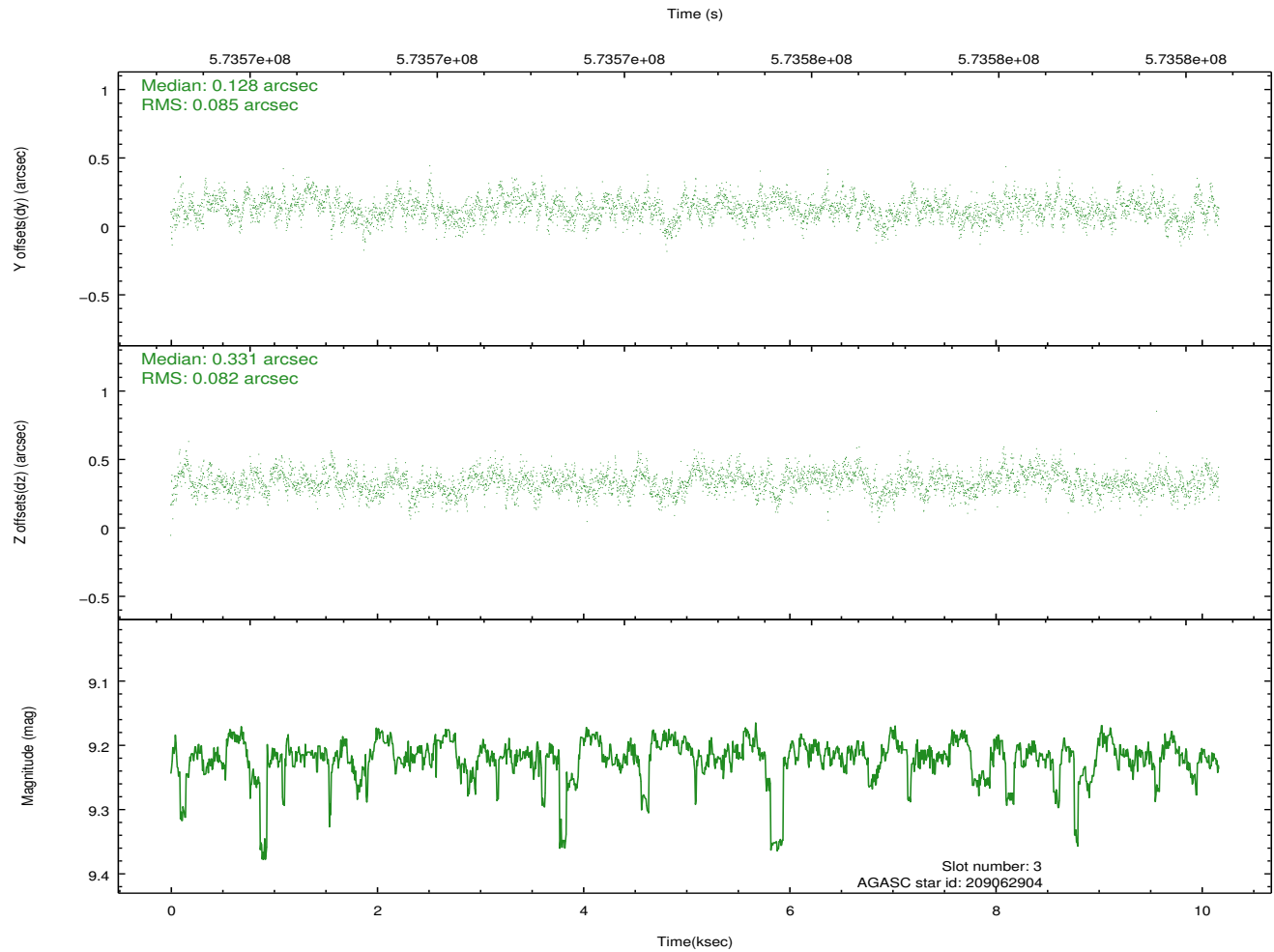
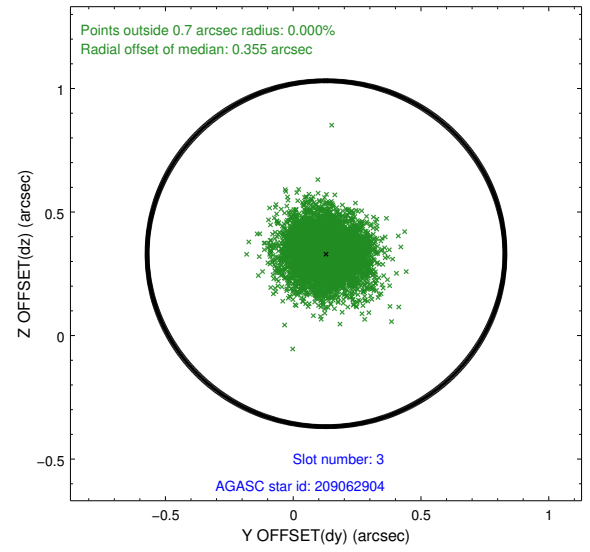
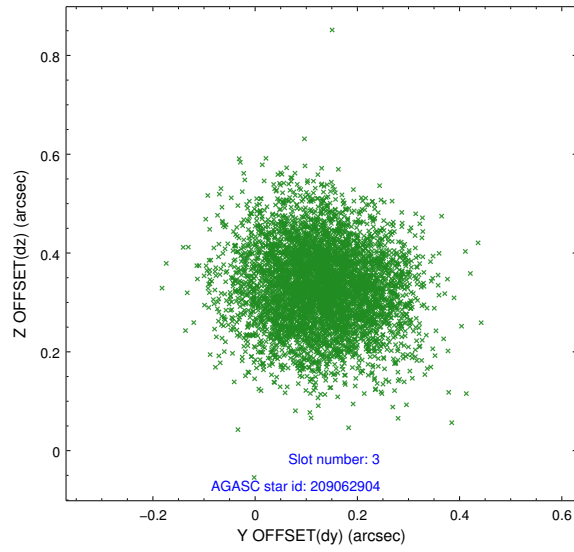


Slot Statistics

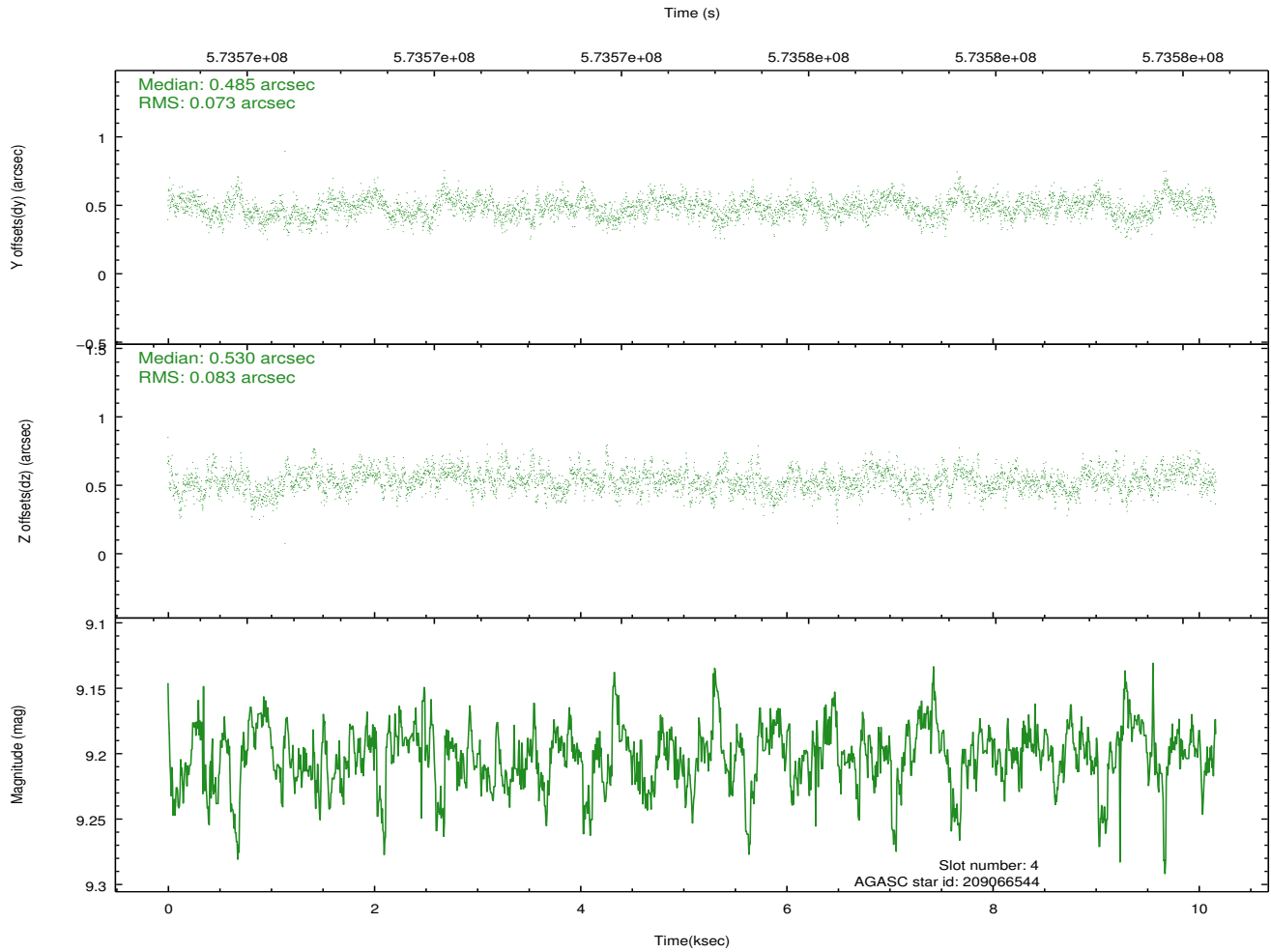
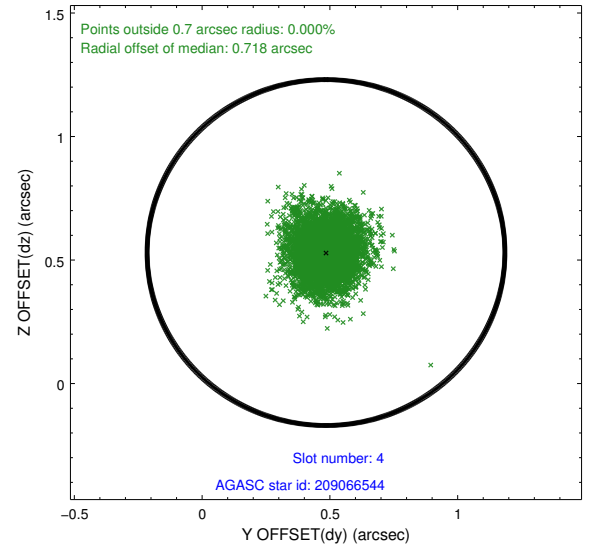
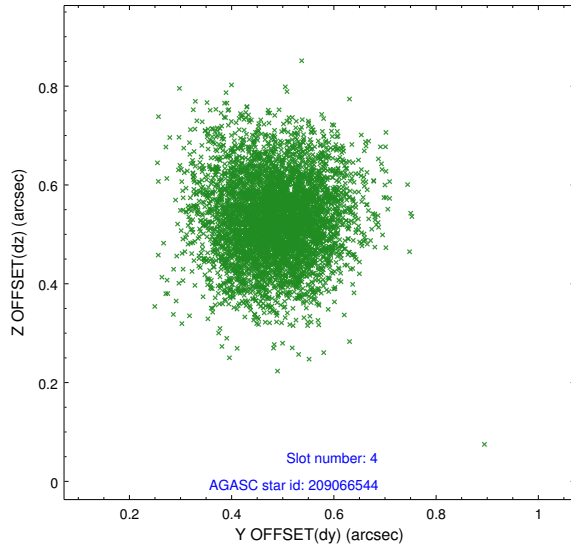
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.10	2481	-0.315	-0.115	0.009	0.015	0.000000	0.000000	-778.63	-1747.74
1	FID		ACIS-S-4	7.20	2481	0.660	0.183	0.008	0.013	0.000000	0.000000	2135.31	160.60
2	FID		ACIS-S-5	7.25	2481	-0.376	-0.059	0.009	0.014	0.000000	0.000000	-1830.94	154.48
3	GUIDE	used	209062904	9.22	4958	0.128	0.331	0.126	0.203	281.717060	22.287230	1608.59	-1410.15
4	GUIDE	used	209066544	9.20	4958	0.485	0.530	0.117	0.192	281.267815	21.748120	-784.68	-877.41
5	GUIDE	used	209073632	6.86	4960	0.011	0.087	0.098	0.165	280.775660	21.557277	-2103.46	325.23
6	GUIDE	used	276300944	7.89	4960	-0.295	-0.477	0.094	0.154	280.858782	22.596538	1406.56	1647.66
7	GUIDE	used	276313352	7.93	4957	-0.325	-0.479	0.087	0.145	280.842313	22.833714	2157.93	2056.60

2.4 Star Slots

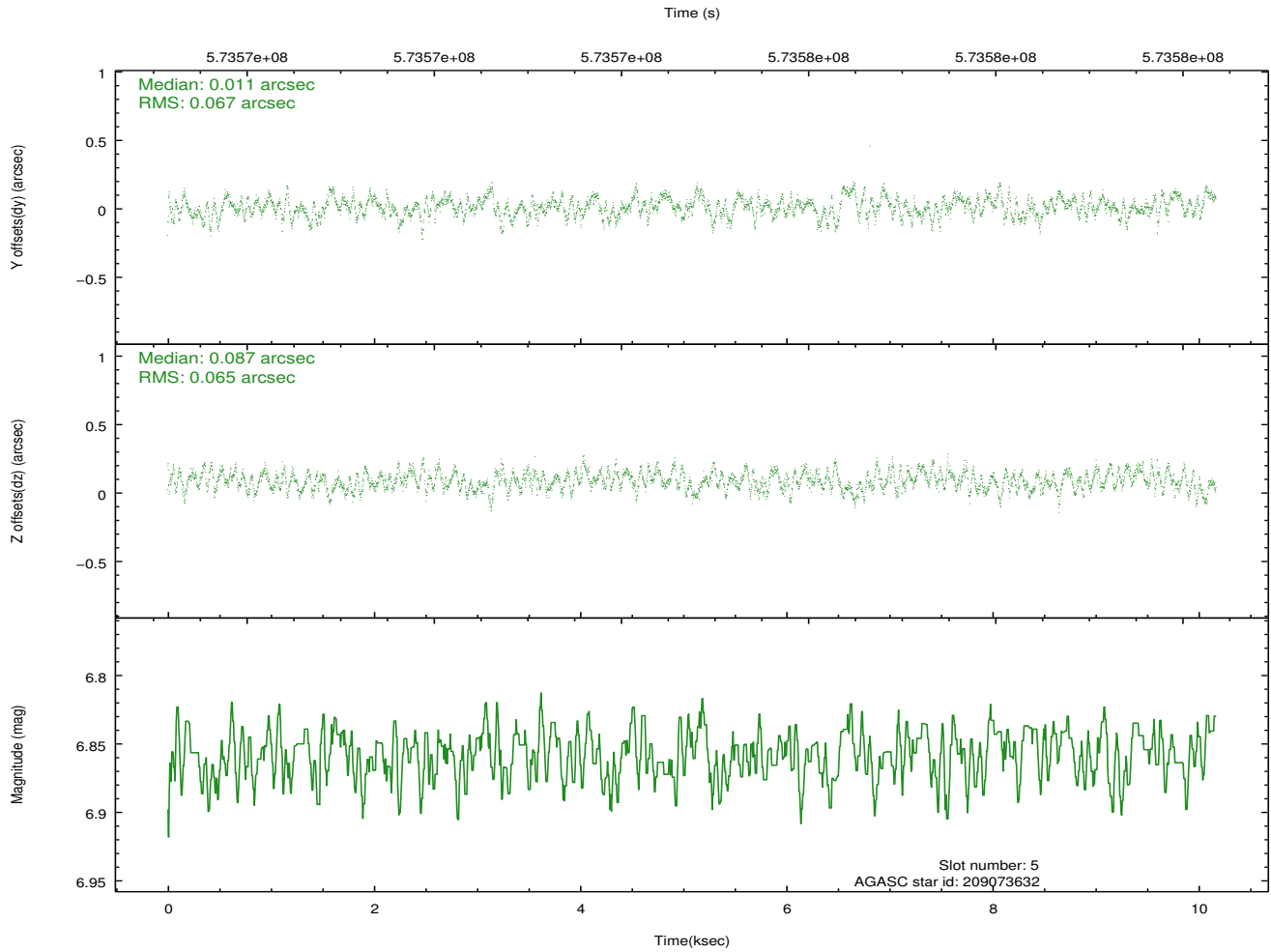
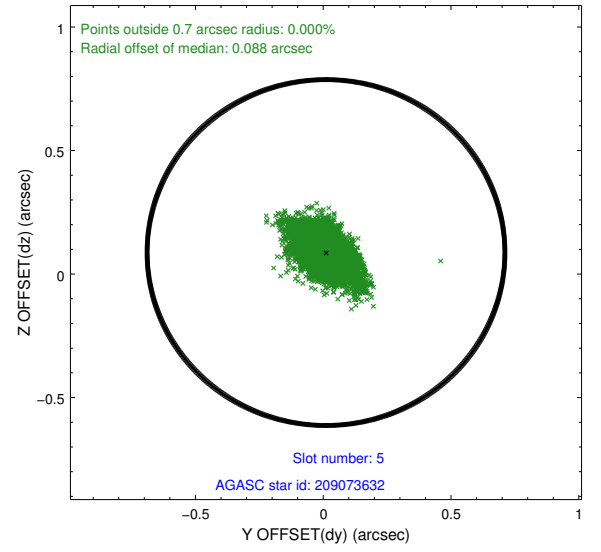
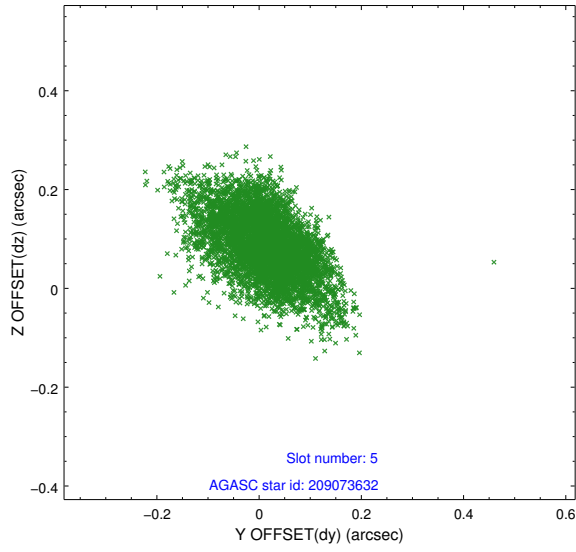
2.4.1 Slot 3



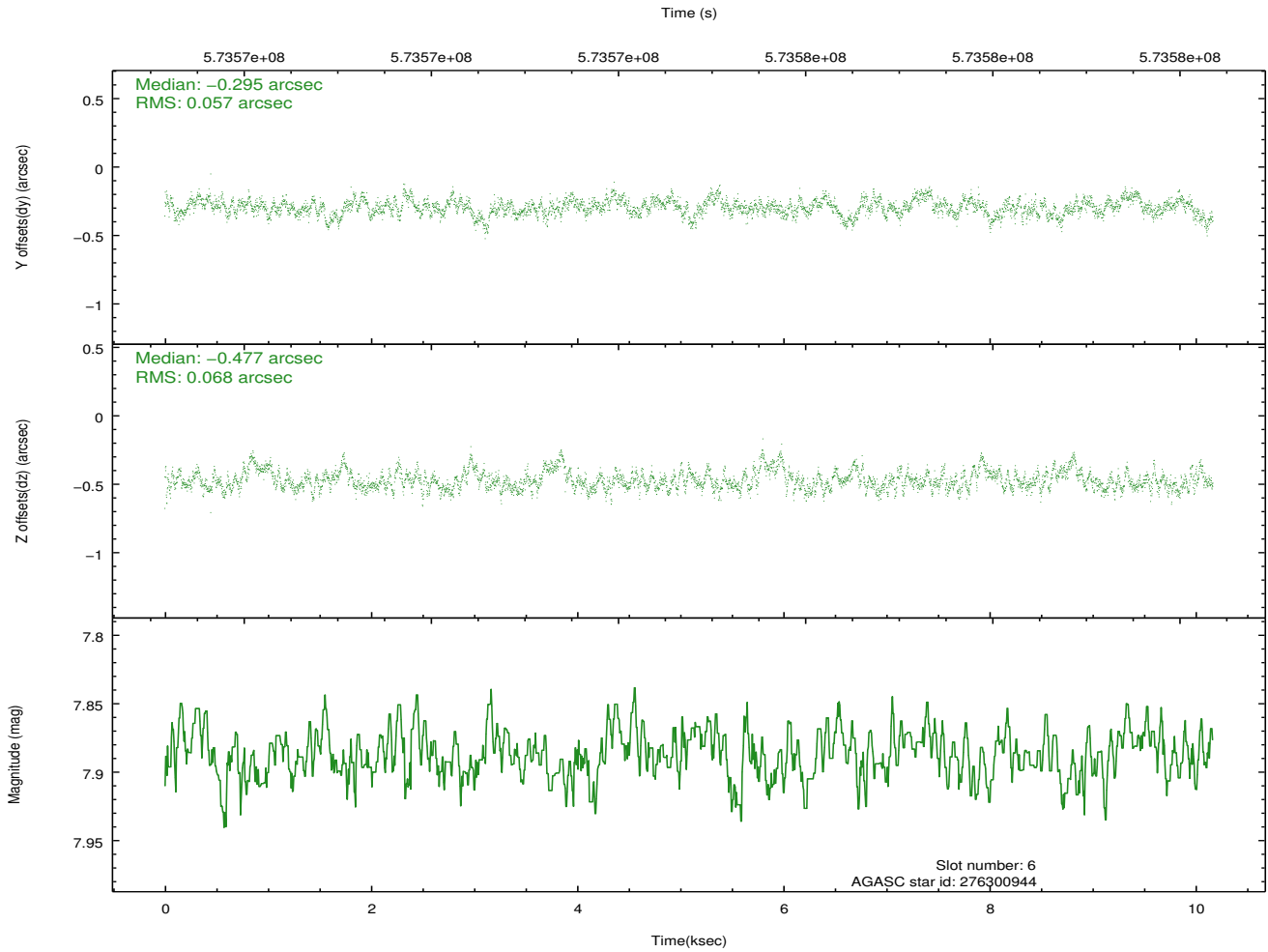
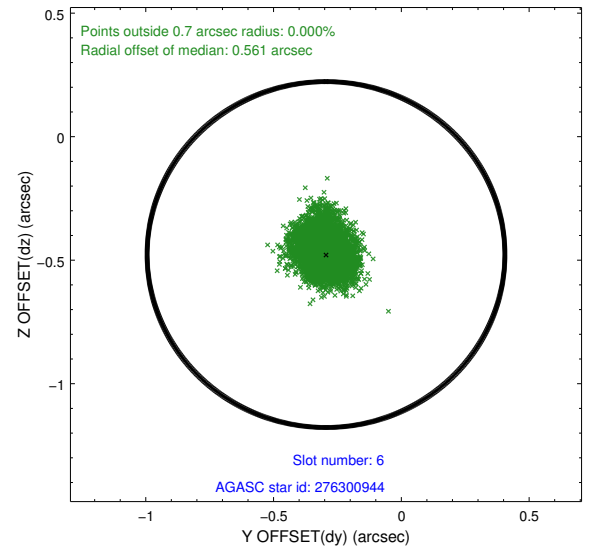
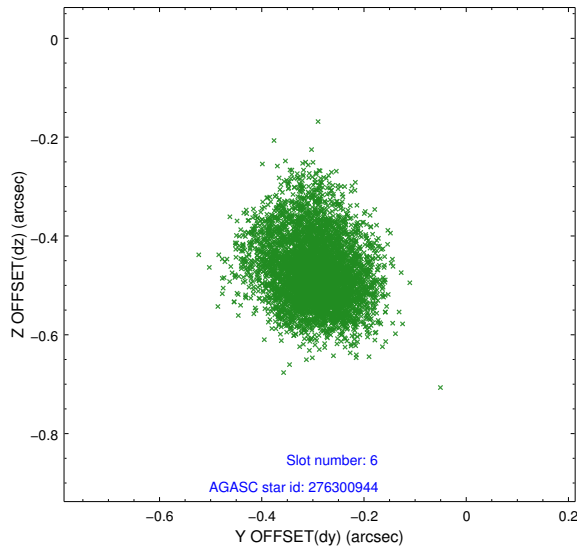
2.4.2 Slot 4



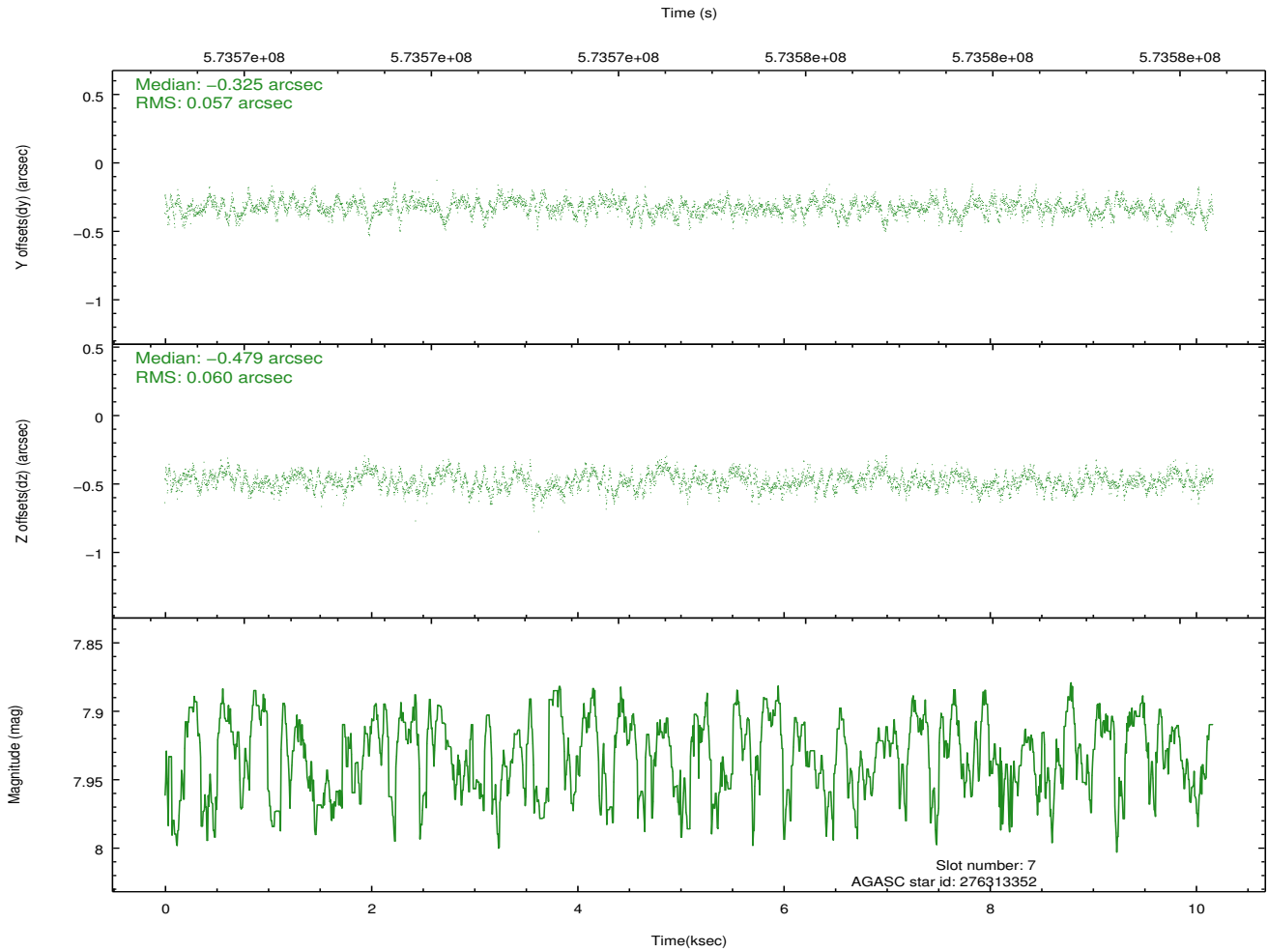
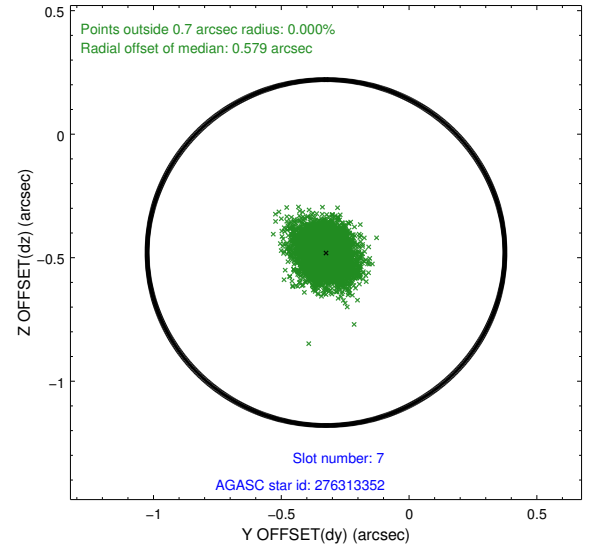
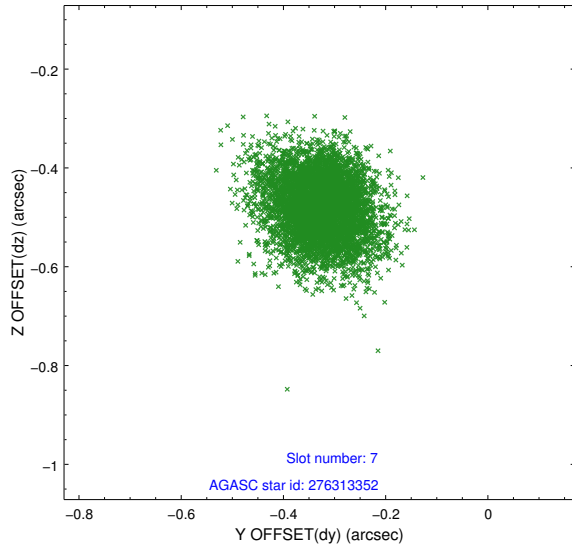
2.4.3 Slot 5



2.4.4 Slot 6

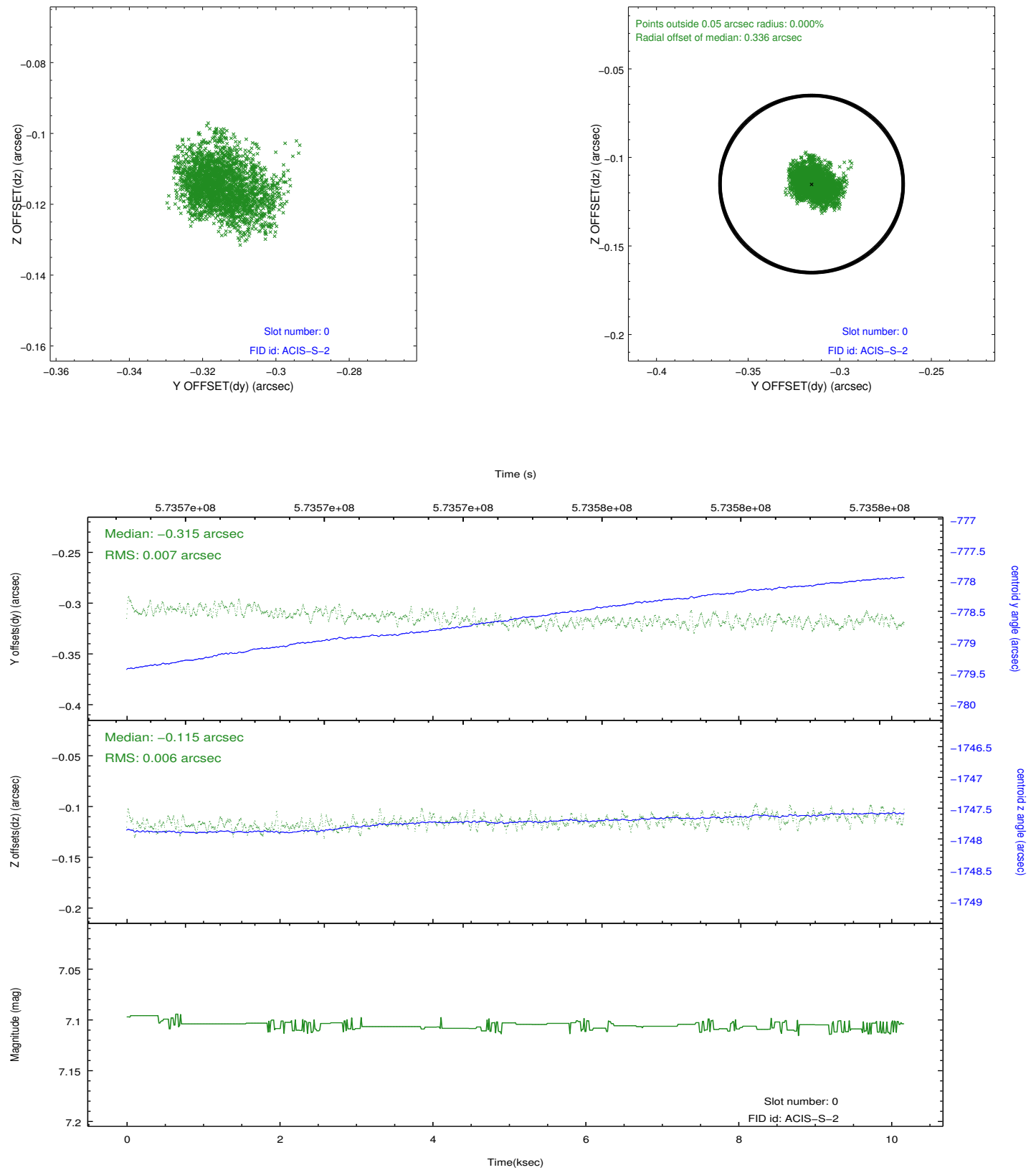


2.4.5 Slot 7

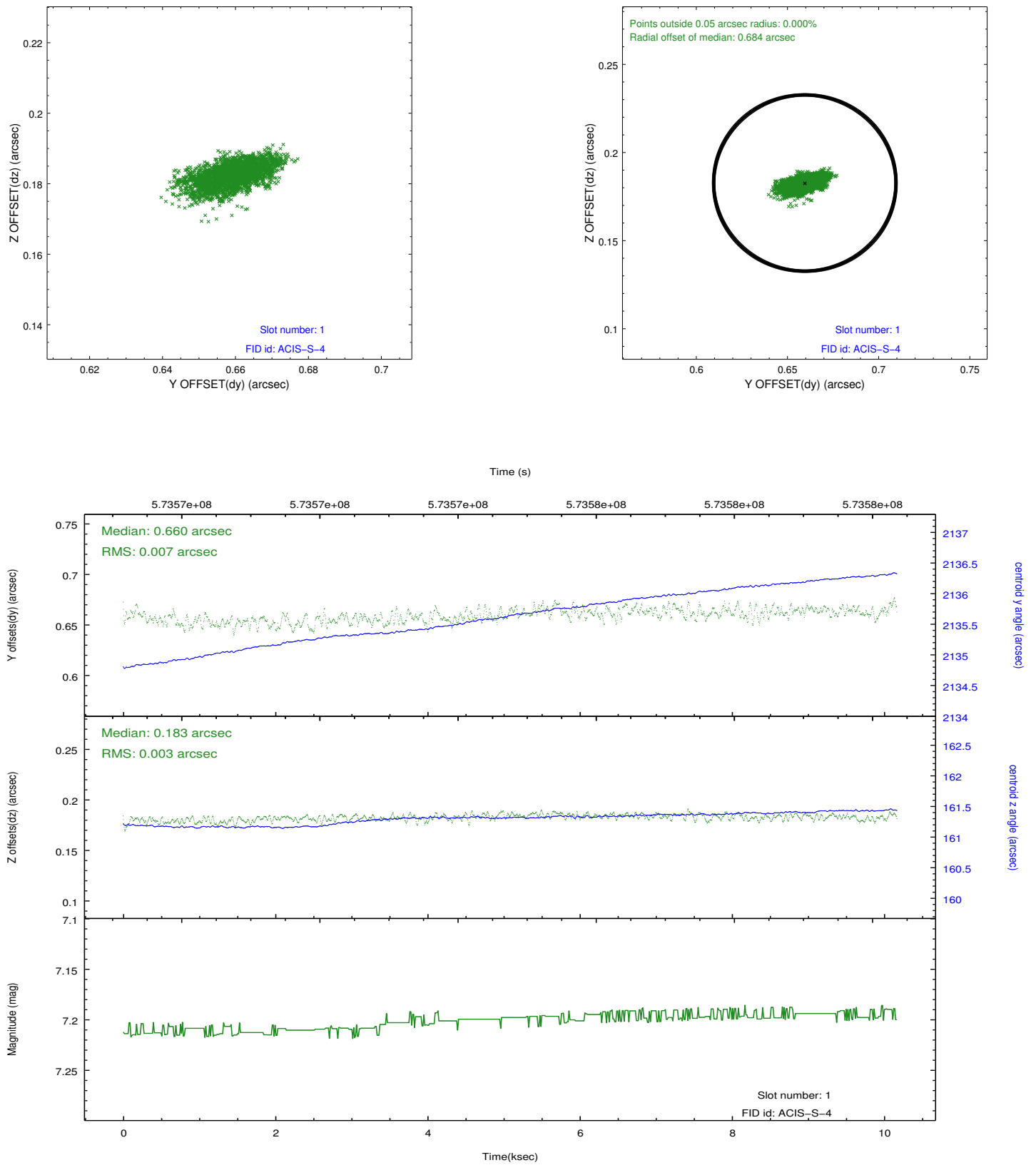


2.5 FID Slots

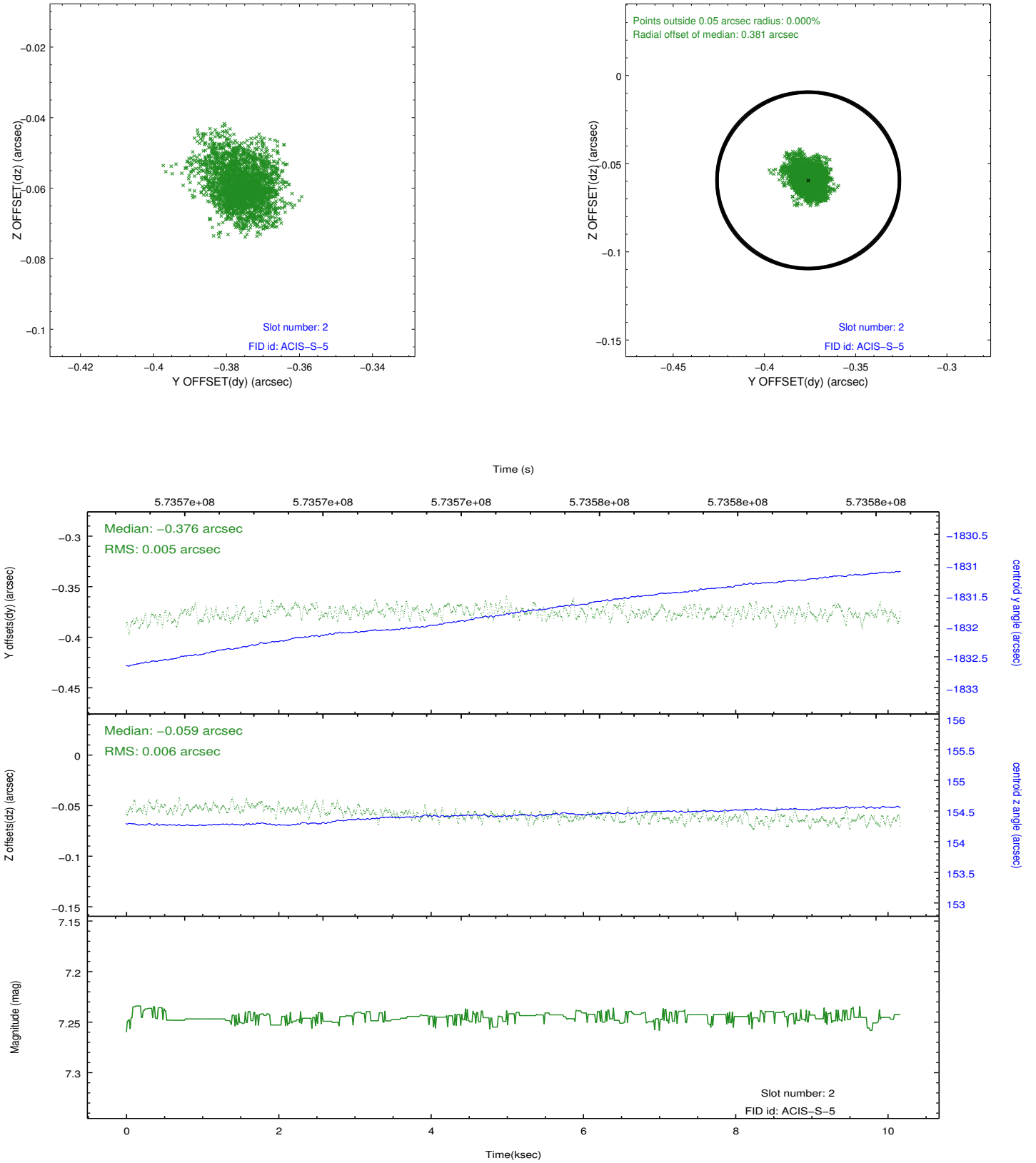
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.03.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.06079940033

A.2 Comments