

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10658 - L2 Version 2
Chandra X-Ray Center

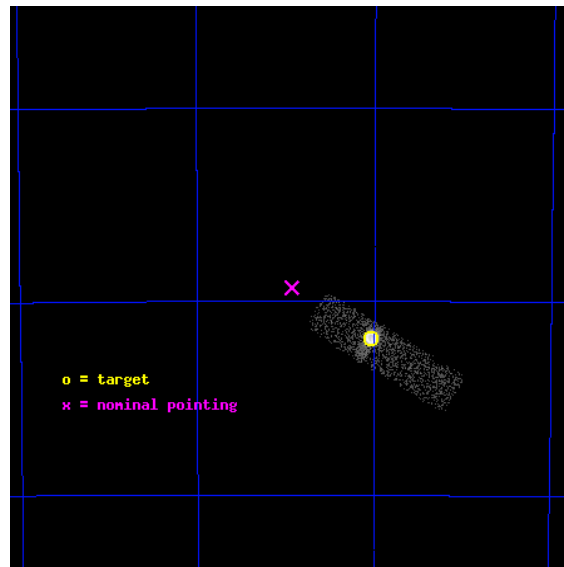
L2 Processing Date : Jun 1 2012

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1 Front

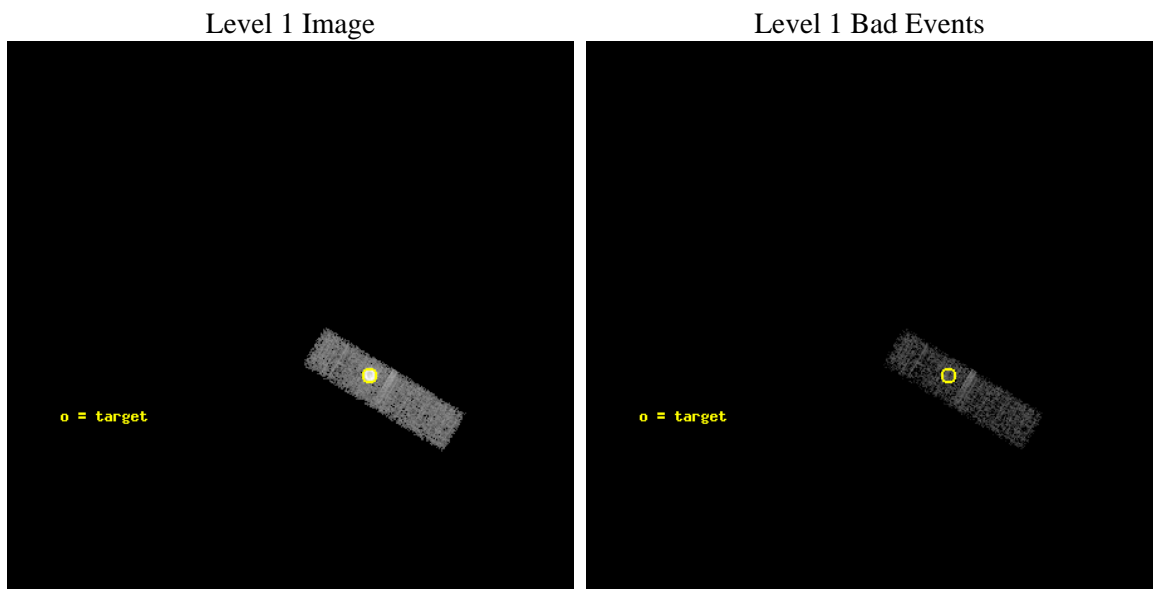
seq_num	590497	Sequence number
obs_id	10658	Observation id
title	AO-10 Calibration Observations of E0102-72	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	E0102-72[S2,-120,5.15,0,0]	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	16.01	Observer's specified target RA [deg]
dec_targ	-72.032028	Observer's specified target Dec [deg]
ra_nom	16.233543886554	Nominal RA [deg]
dec_nom	-71.988442263586	Nominal Dec [deg]
roll_nom	211.39268450084	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7931.2001182437	Sum of GTIs [s]
livetime	7544.1835044647	Livetime [s]
ontime6	7931.2001182437	Sum of GTIs [s]
l2events	26566	Number of level 2 events



2 OBI

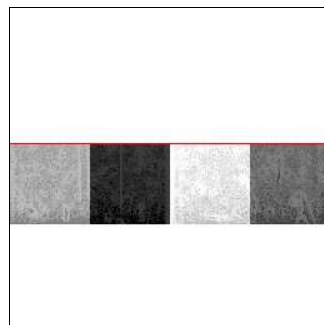
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 6



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	7902.078000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7931.2001182437	Sum of GTIs [s]
caldsver	4.4.9	 	ontime6	7931.2001182437	Sum of GTIs [s]
date	2012-06-01T23:41:14	Date and time of file creation	l1events	46413	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

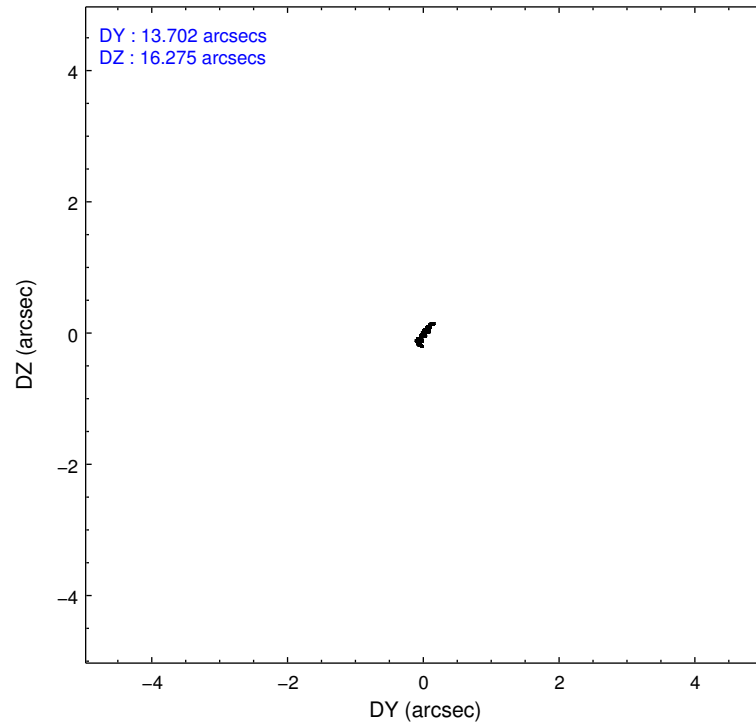
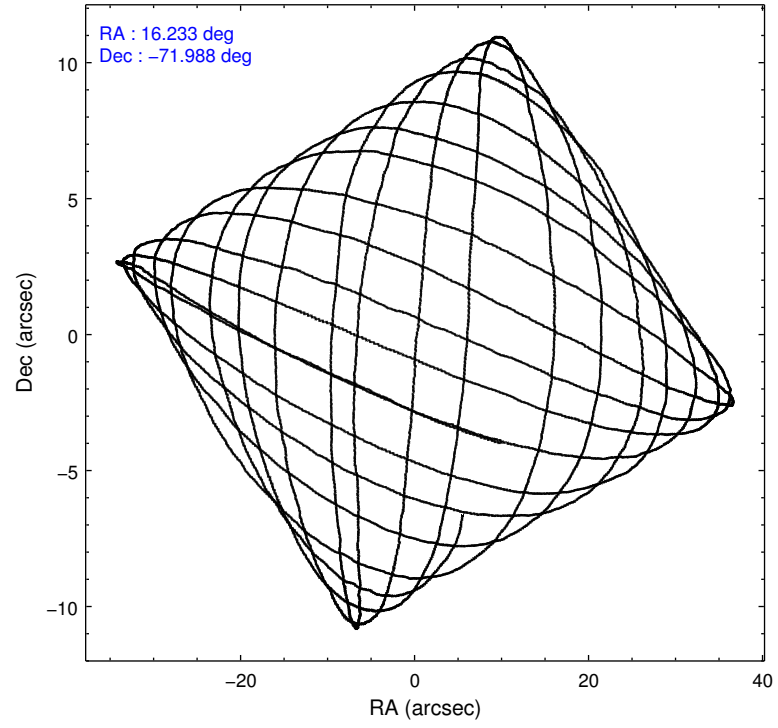
	ccd 6
level 1 events	46413
rejected events	18202
rejected %	39%

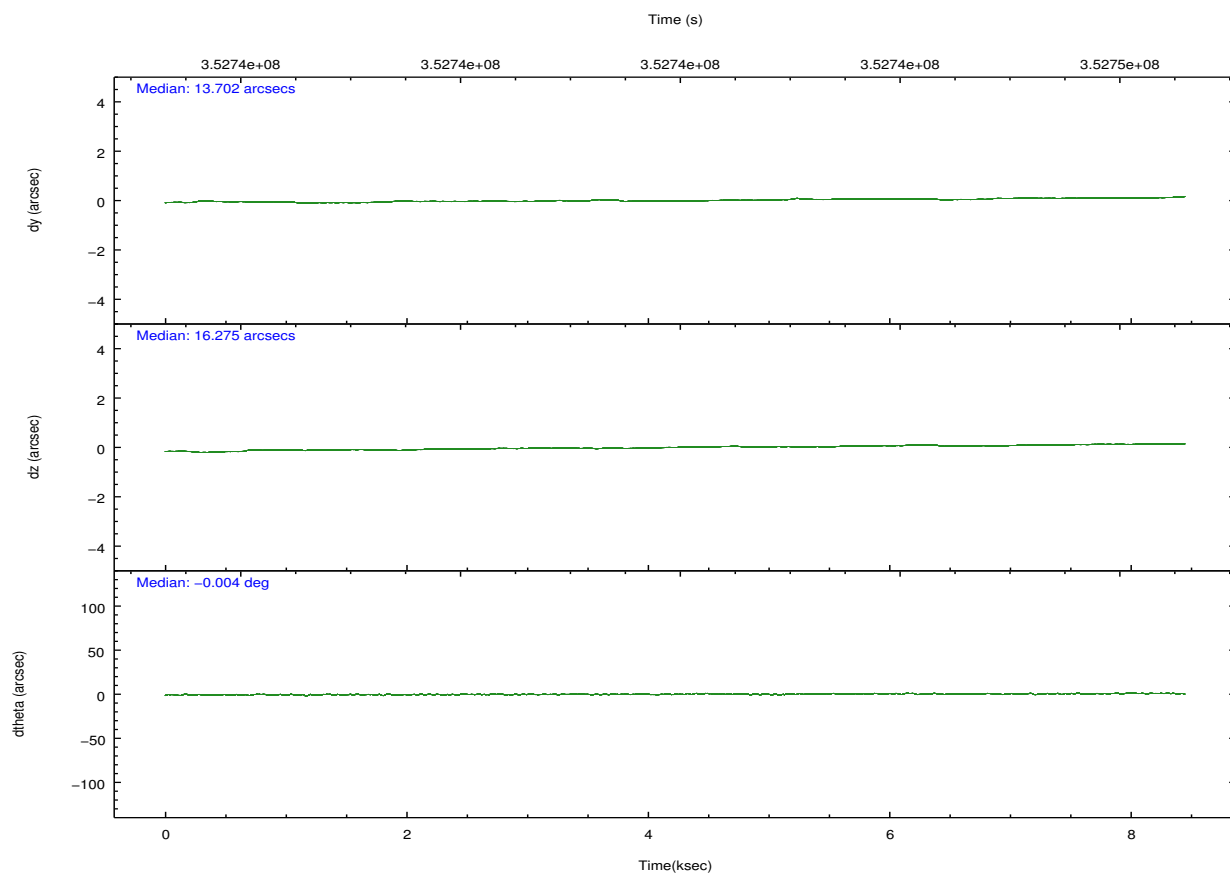
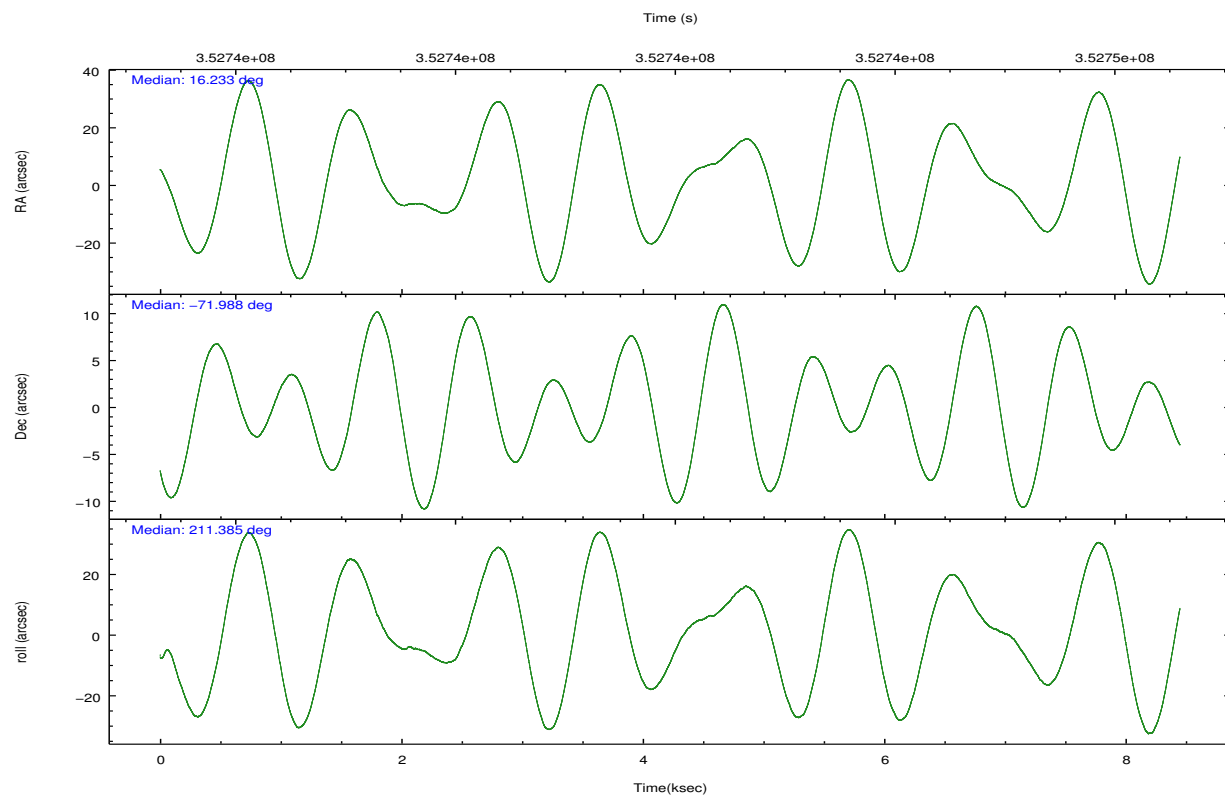
	ccd 6
grade 0 events	24174
	52%
grade 1 events	74
	0%
grade 2 events	2085
	4%
grade 3 events	744
	1%
grade 4 events	762
	1%
grade 5 events	593
	1%
grade 6 events	446
	0%
grade 7 events	17535
	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-6	ACIS-6	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	16.275019	16.23354388655365	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-71.964223	-71.98844226358578	Subarray start row	335	335
[deg] Pointing Roll	211.275495	211.3926845008362	Subarray row count	256	256
[s] Window start time (MET)	344476865.184000	344476865.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	357436866.184000	357436866.184000	[s] Primary exposure time	0.000000	0.8
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	352738272.184000	352737528.06178			
Observation start date	2009-03-06T14:50:06	2009-03-06T14:38:48			
[s] Observation end time (MET)	352746174.184000	352746399.94972			
Observation end date	2009-03-06T17:01:48	2009-03-06T17:06:39			
Read mode	TIMED	TIMED			

2.3 Aspect



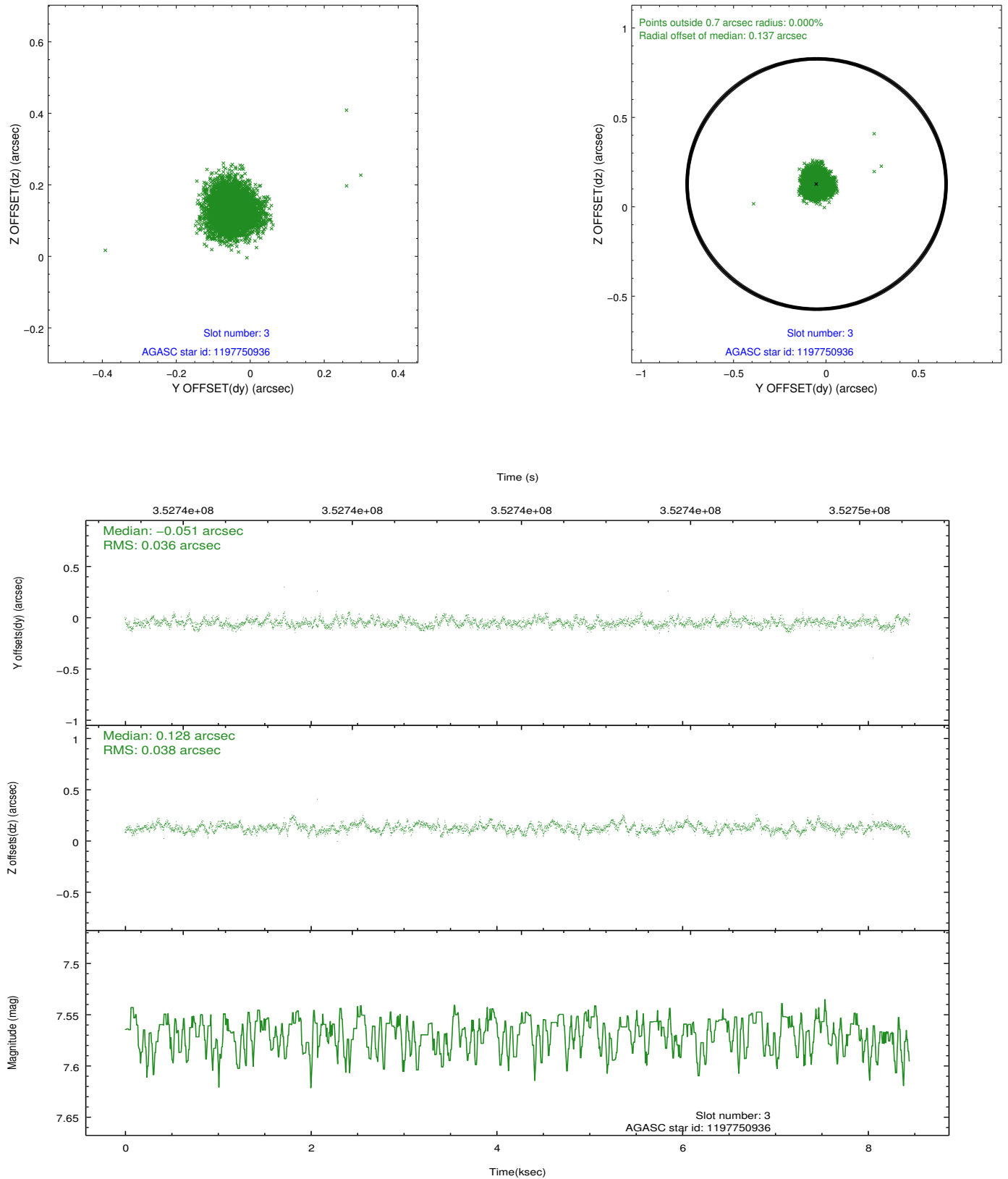


Slot Statistics

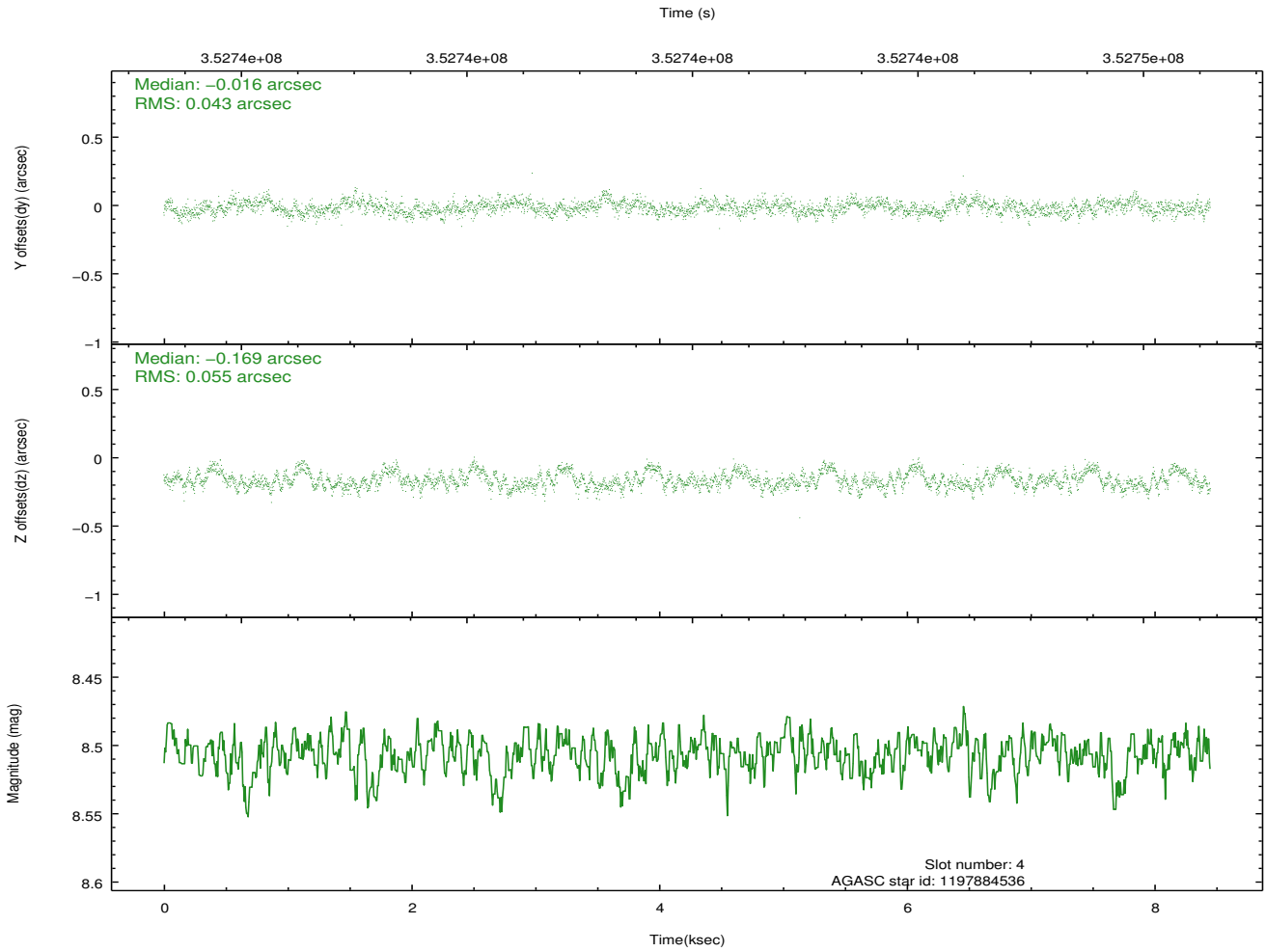
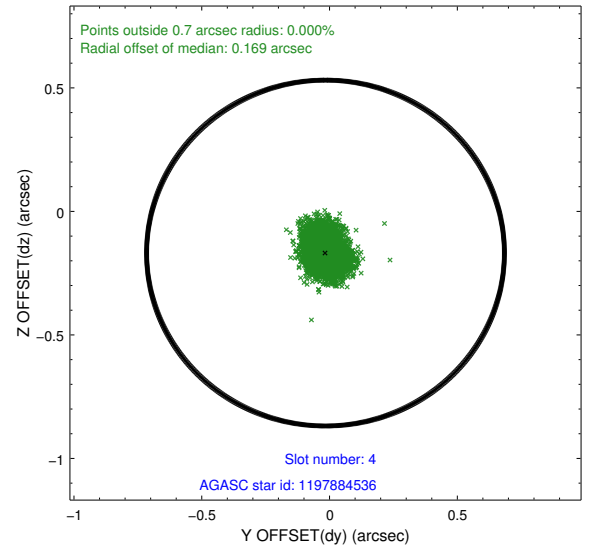
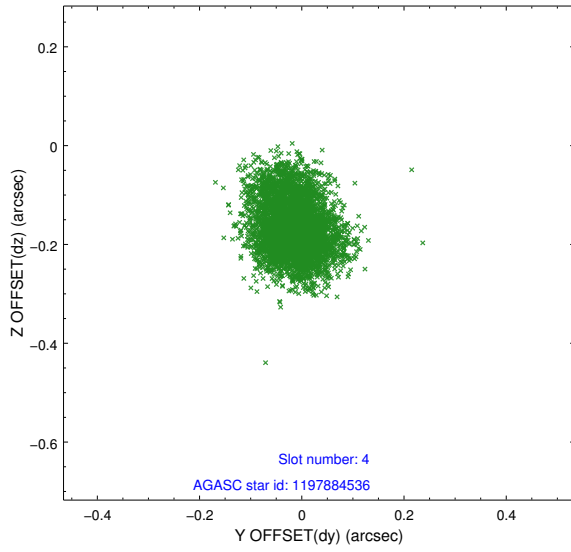
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	2061	-0.039	-0.004	0.006	0.011	0.000000	0.000000	-766.68	-1737.64
1	FID	ACIS-S-4	7.01	2061	0.160	0.020	0.006	0.010	0.000000	0.000000	2146.49	170.20
2	FID	ACIS-S-5	7.03	2061	-0.152	-0.007	0.006	0.011	0.000000	0.000000	-1818.80	164.58
3	GUIDE	1197750936	7.57	4121	-0.051	0.128	0.056	0.089	15.387940	-71.549550	92.97	-1793.42
4	GUIDE	1197884536	8.51	4121	-0.016	-0.169	0.075	0.121	17.160729	-71.835289	-1086.70	125.10
5	GUIDE	1197885104	9.35	4121	0.122	0.032	0.122	0.199	17.845067	-72.189368	-1044.69	1609.95
6	GUIDE	1197885328	7.24	4123	0.117	0.110	0.062	0.098	16.283090	-71.733943	-439.22	-702.97
7	GUIDE	1198189696	7.35	4122	-0.183	-0.097	0.065	0.101	15.223750	-72.697522	2337.10	1680.88

2.4 Star Slots

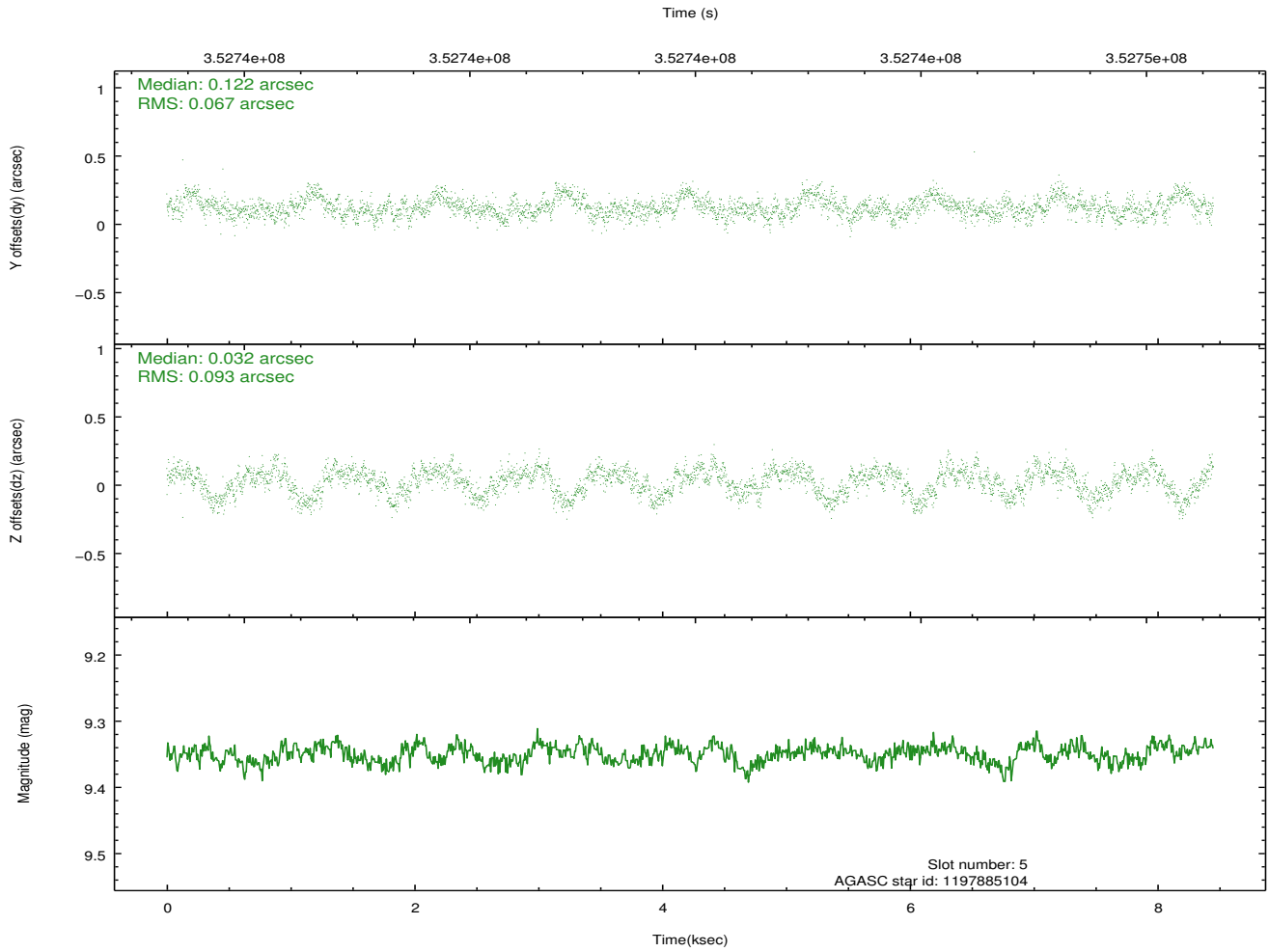
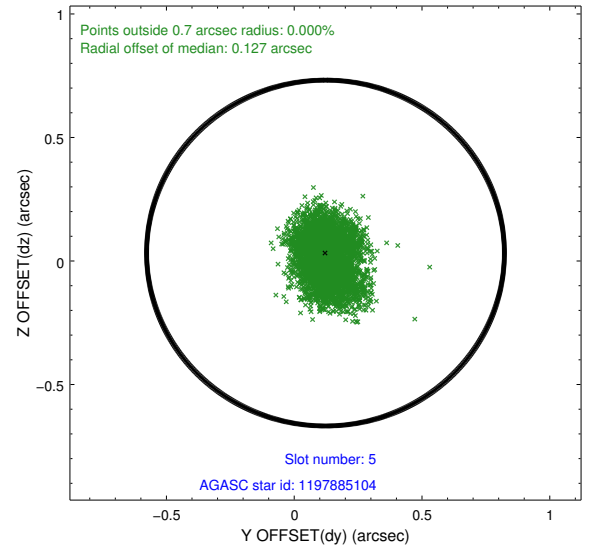
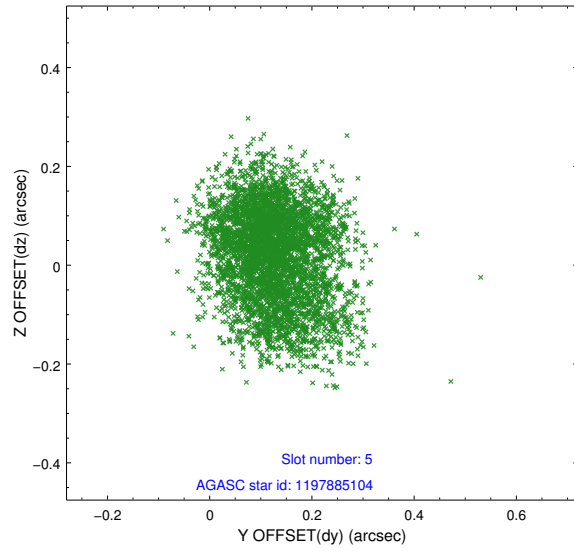
2.4.1 Slot 3



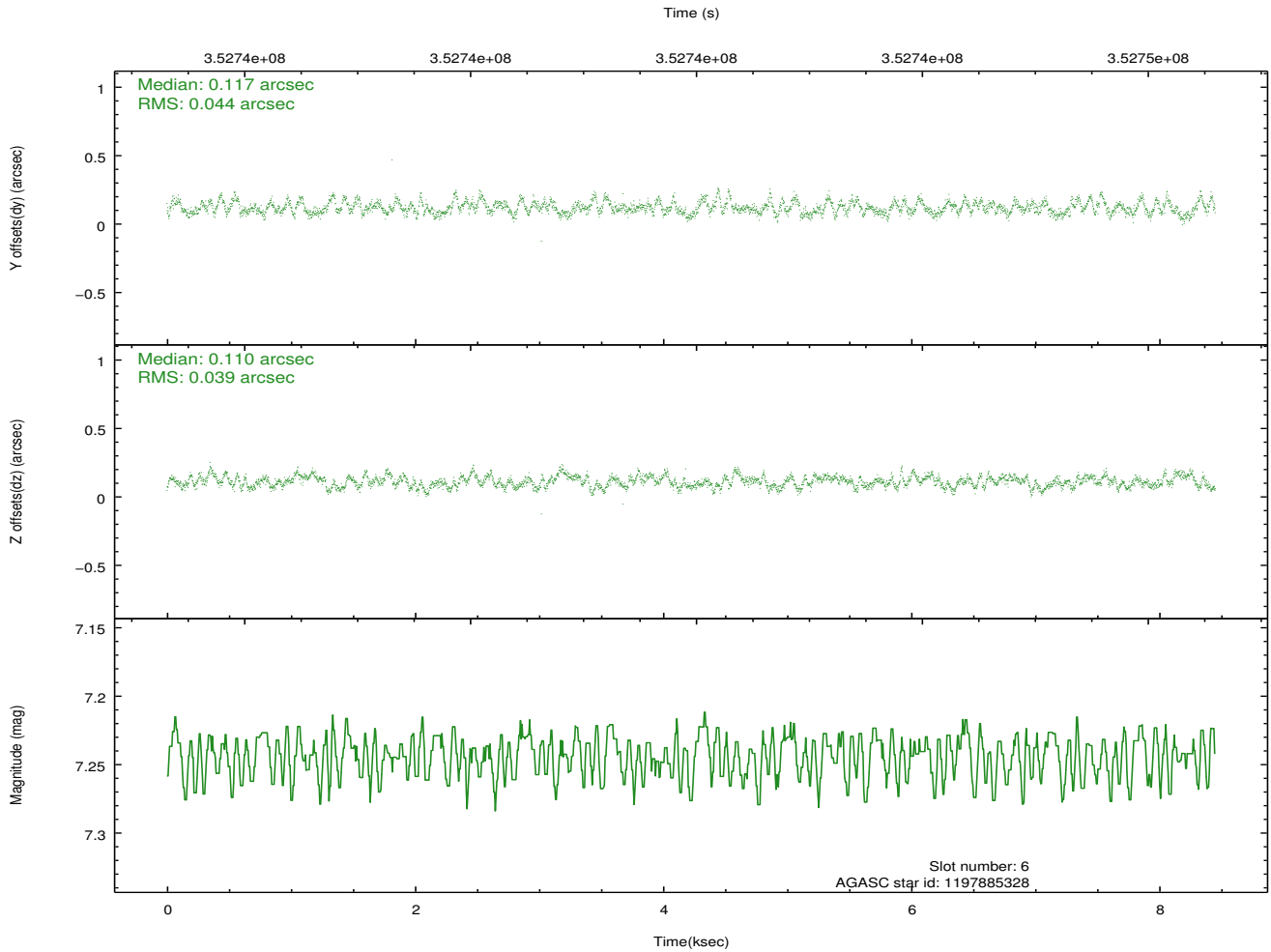
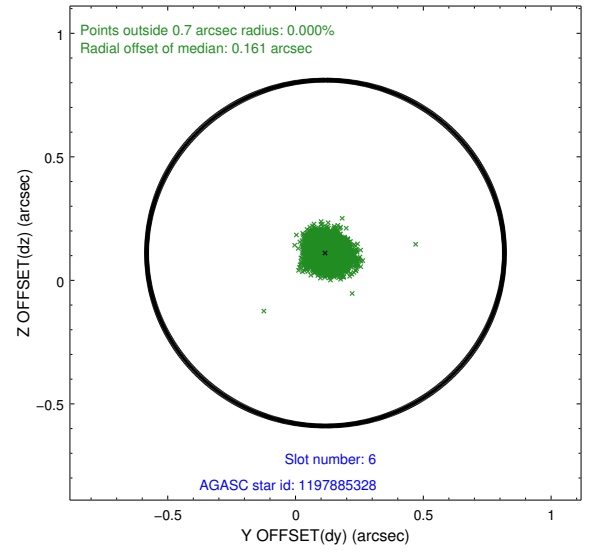
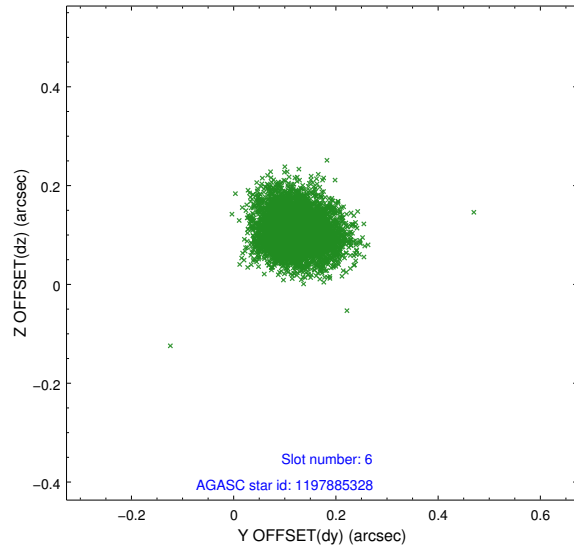
2.4.2 Slot 4



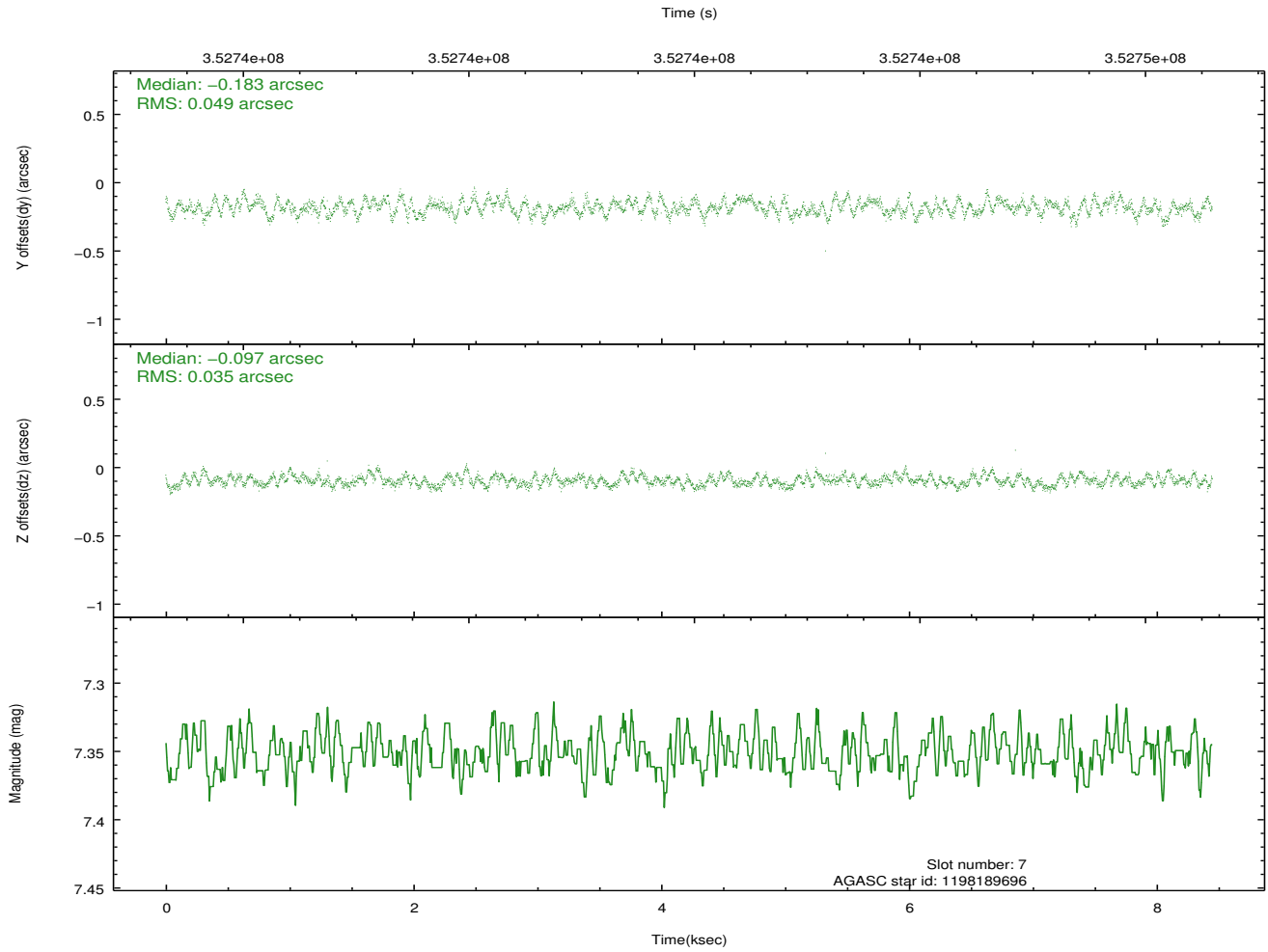
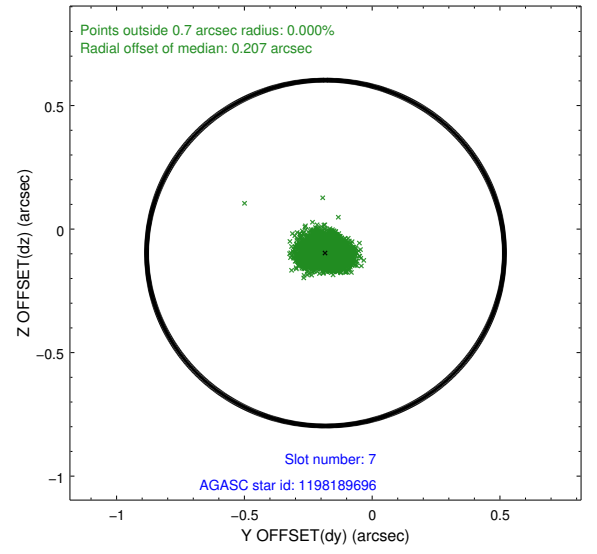
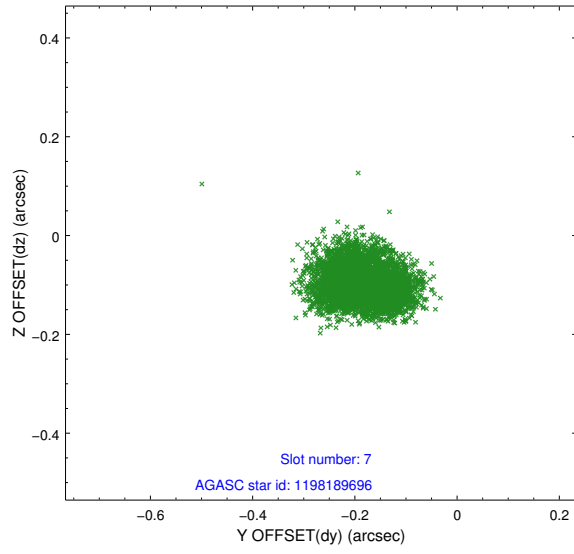
2.4.3 Slot 5



2.4.4 Slot 6

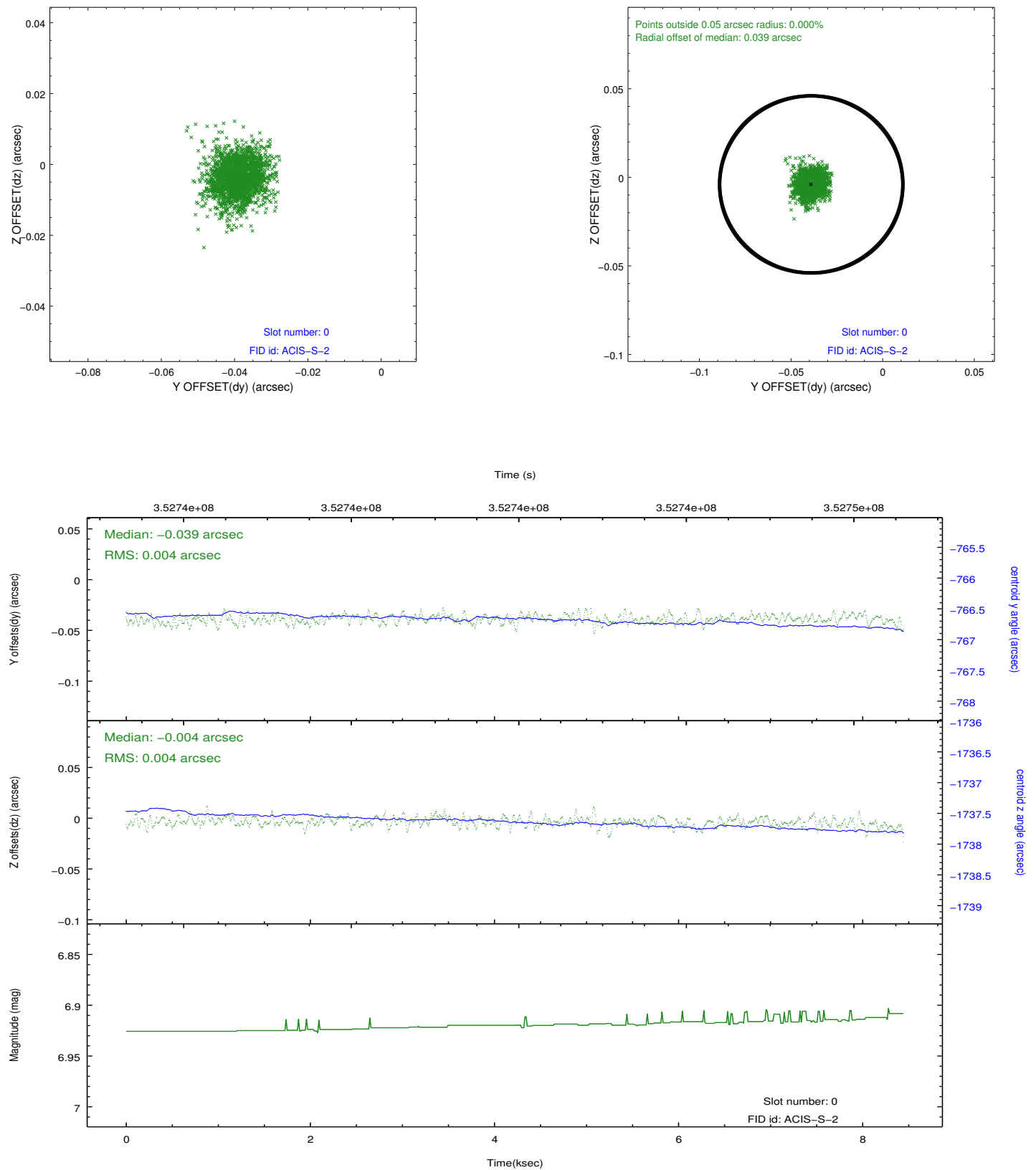


2.4.5 Slot 7

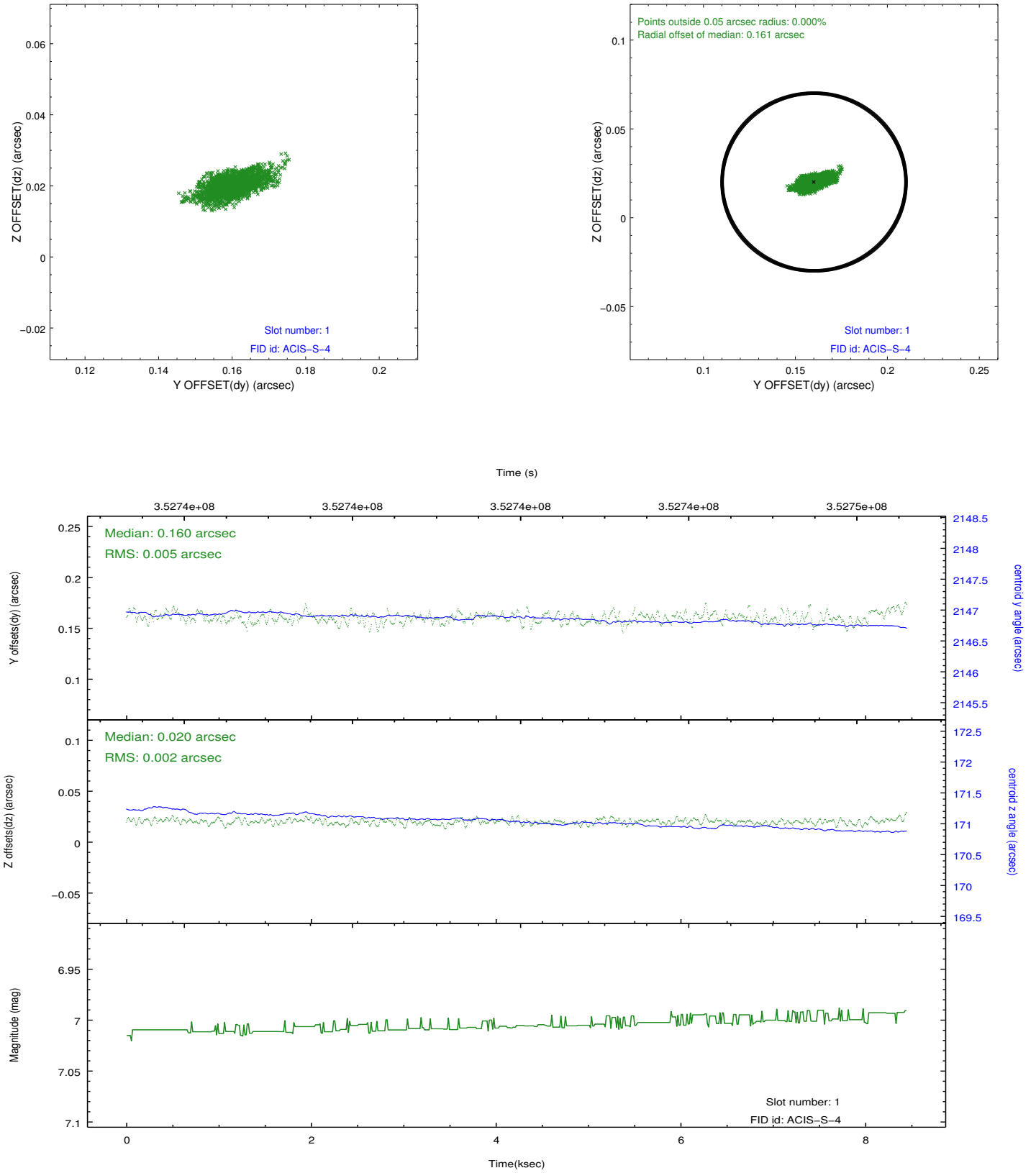


2.5 FID Slots

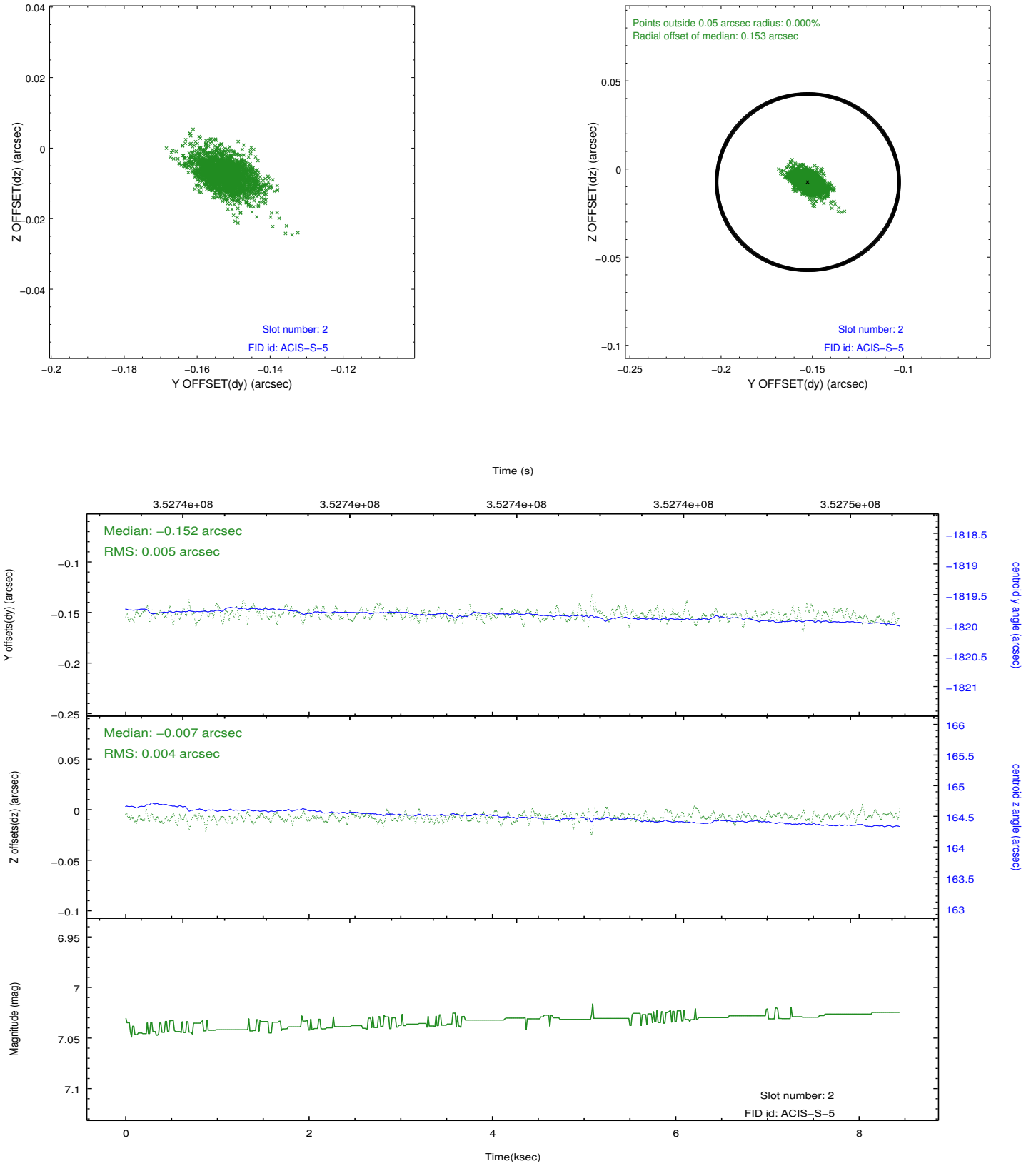
2.5.1 Slot 0



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)	2012.06.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.93120011

A.2 Comments

Window constraint met.