

V&V Reference Report

L2 ASCDS Version : 8.2.1

Observation 62438 - L2 Version 4
Chandra X-Ray Center

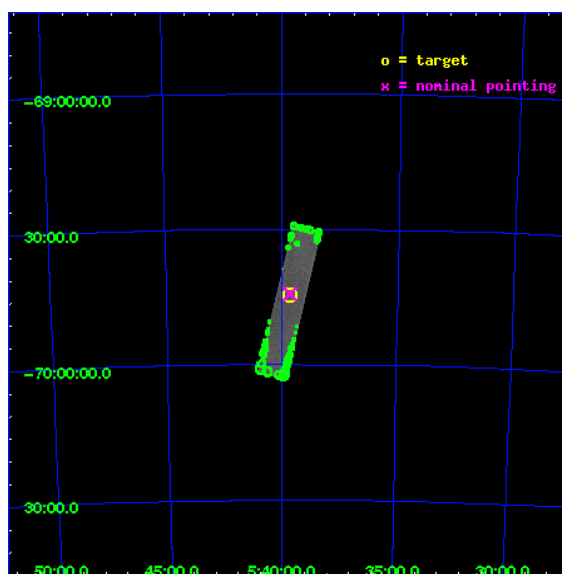
L2 Processing Date : Jan 12 2010

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1 Front

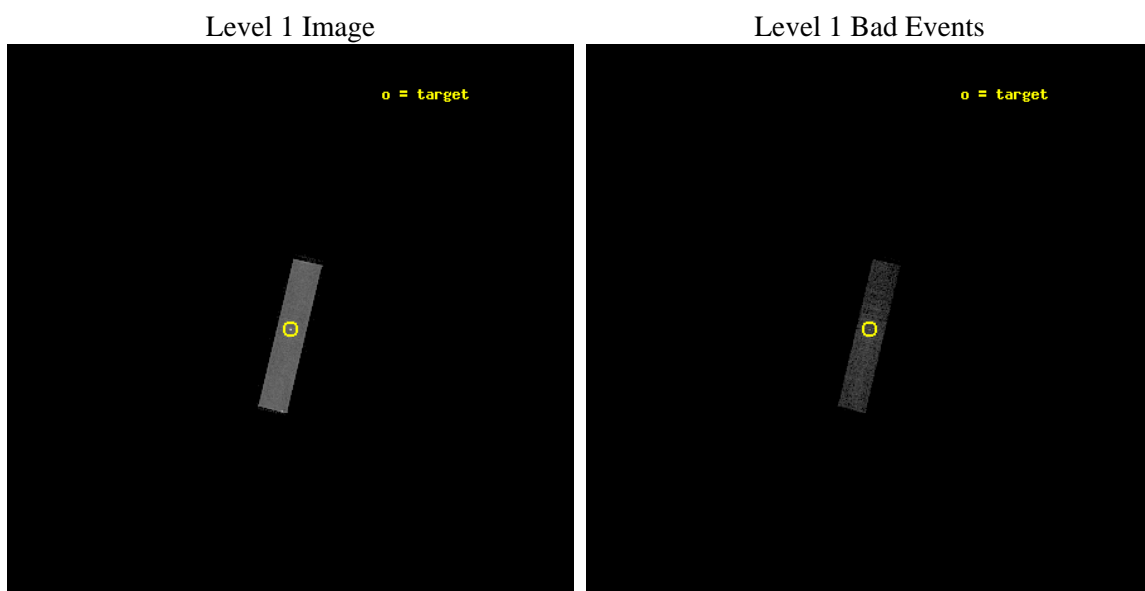
seq_num	490014	Sequence number
obs_id	62438	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	84.912717691601	Nominal RA
dec_nom	-69.738219206018	Nominal Dec
roll_nom	103.53011847831	Nominal Roll
revision	4	Processing version of data
ontime	1180.8000423908	[s]
livetime	1170.0147678436	Ontime multiplied by DTCOR
l2events	63749	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	36000.000000	Scheduled observation exposure time
ascdsver	8.2.1	Processing system revision	ontime	1180.8000423908	[s]
caldbver	4.1.5	 	ll events	87018	Number of level 1 events
date	2010-01-13T03:08:50	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

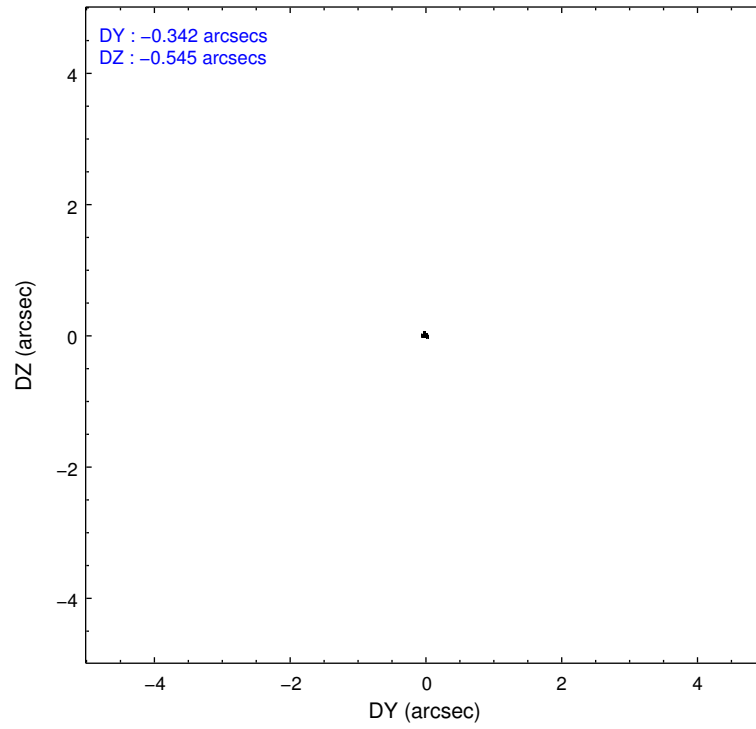
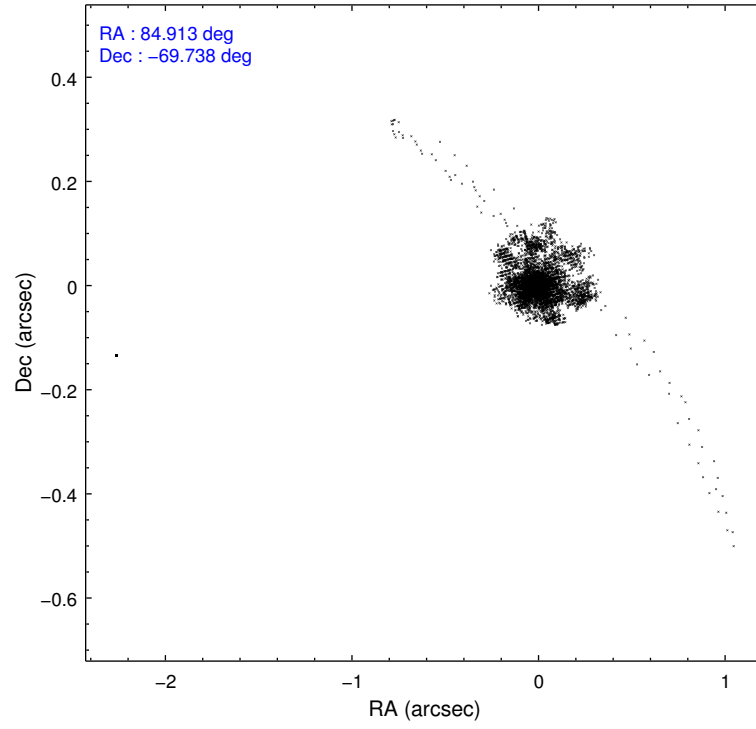
	segment 1	segment 2	segment 3
level 1 events	0	87018	0
rejected events	0	18783	0
rejected %	0%	21%	0%

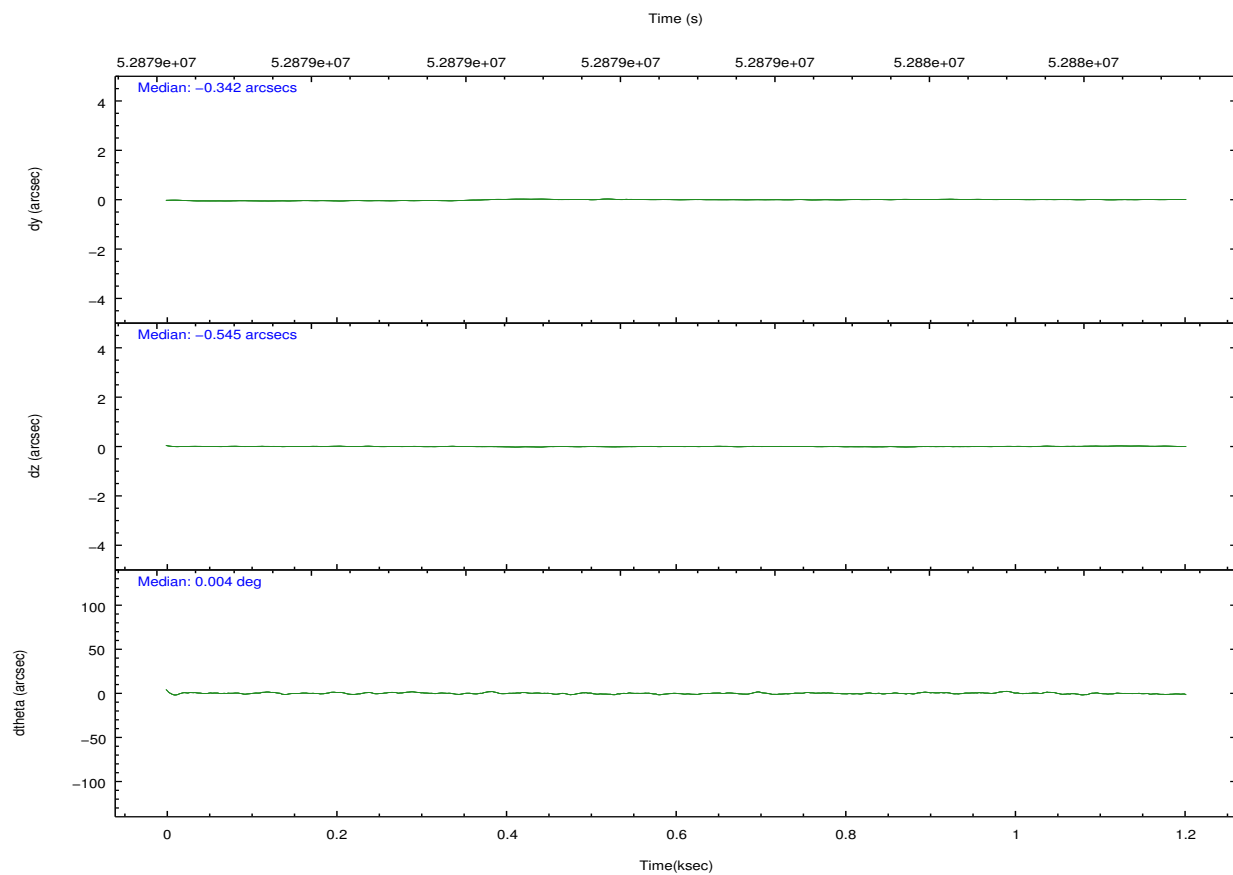
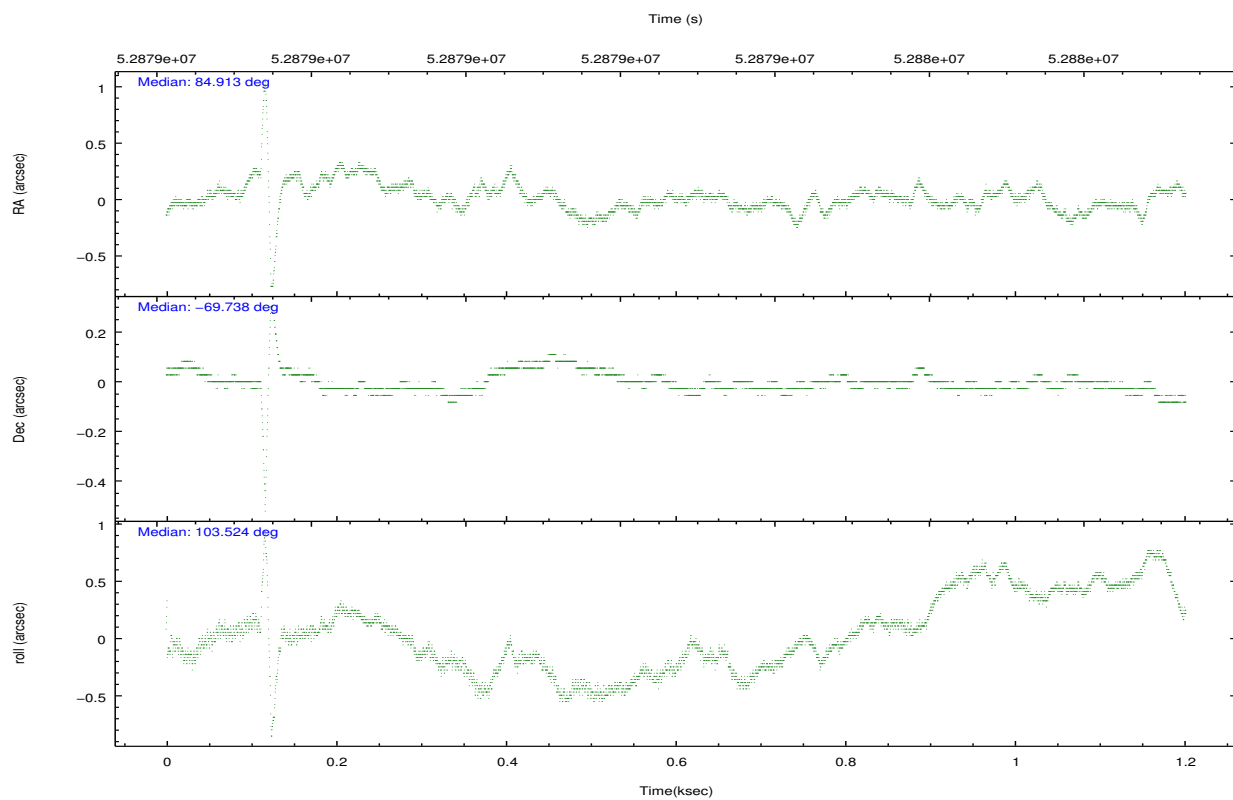
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	84.971636	84.91271769160107
Pointing Dec	-69.758744	-69.73821920601824
Pointing Roll	103.518059	103.5301184783112
Window start time	52856164.184000	52856164.184000
Window stop time	52892164.184000	52892164.184000
SIM focus pos (mm)	-1.429586	-0.7765883295792845
SIM defocus (mm)	0.1037507710433287	0.7567483098250124
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	52856164.184000	52878669.787304
Observation start date	1999-09-04T18:15:00	1999-09-05T00:31:09
Observation end time	52892164.184000	52879875.187347
Observation end date	1999-09-05T04:15:00	1999-09-05T00:51:15

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



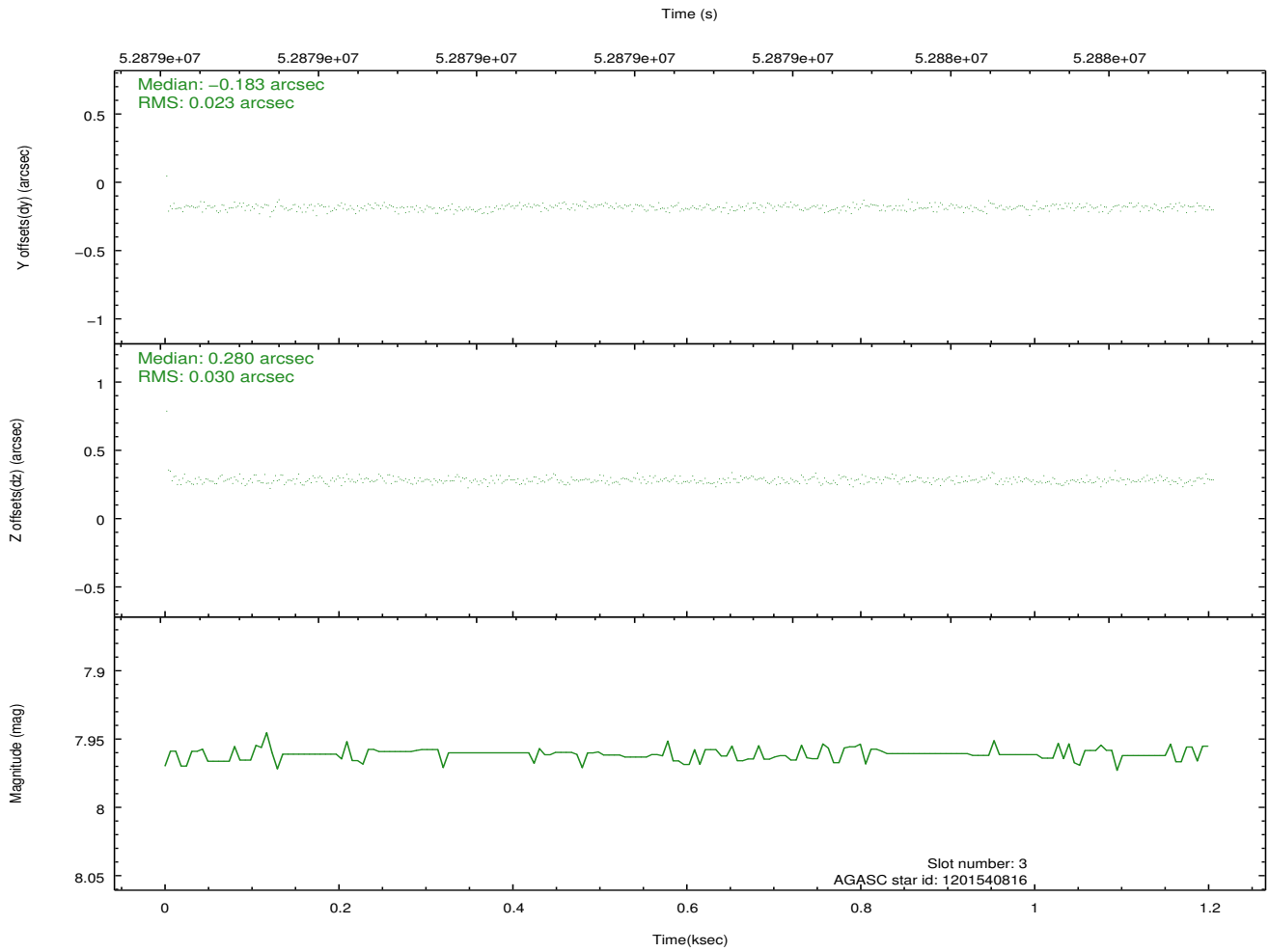
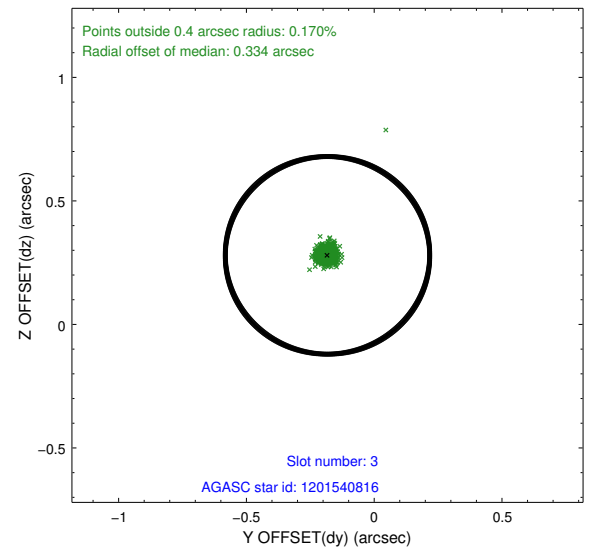
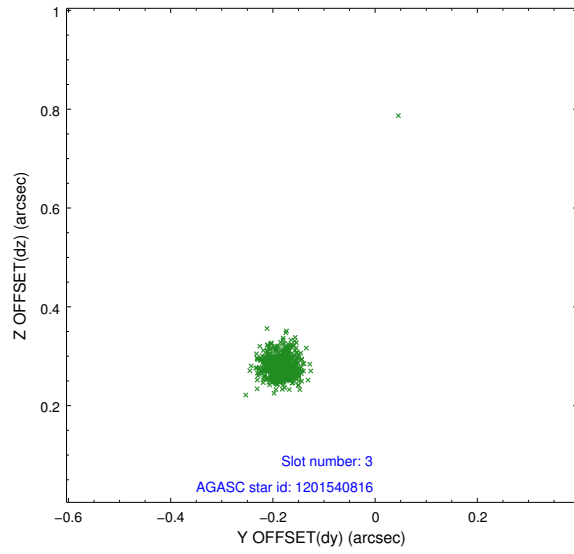


Slot Statistics

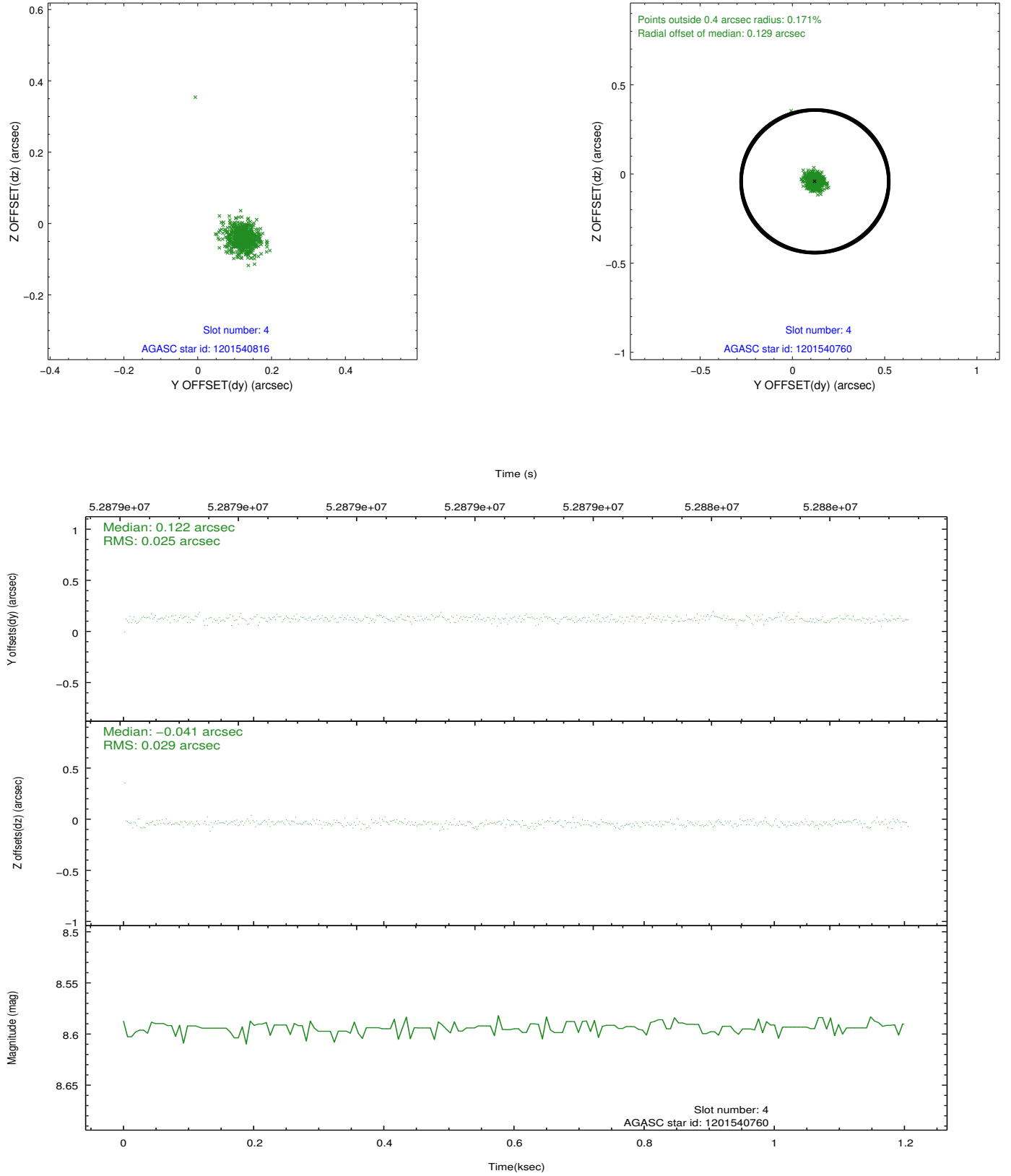
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	588	0.156	-0.055	0.006	0.010	0.000000	0.000000	-1153.75	-447.58
1	FID	HRC-S-3	7.01	587	0.092	-0.131	0.007	0.013	0.000000	0.000000	-1158.36	581.18
2	FID	HRC-S-4	6.99	586	0.140	-0.111	0.005	0.009	0.000000	0.000000	1242.81	585.19
3	GUIDE	1201540816	7.96	588	-0.183	0.280	0.032	0.050	86.998494	-69.749817	-599.60	-2451.88
4	GUIDE	1201540760	8.59	586	0.122	-0.041	0.036	0.060	84.403691	-70.419249	-2155.88	1219.12
5	GUIDE	1201411368	10.05	587	-0.155	-0.163	0.087	0.145	83.629696	-70.495613	-2223.59	2194.91
6	GUIDE	1200883536	9.87	585	0.092	0.059	0.081	0.136	83.119228	-69.218429	2405.61	1858.84
7	GUIDE	1201020088	10.48	585	0.128	-0.137	0.111	0.190	86.319248	-68.997756	2243.29	-2322.45

2.4 Star Slots

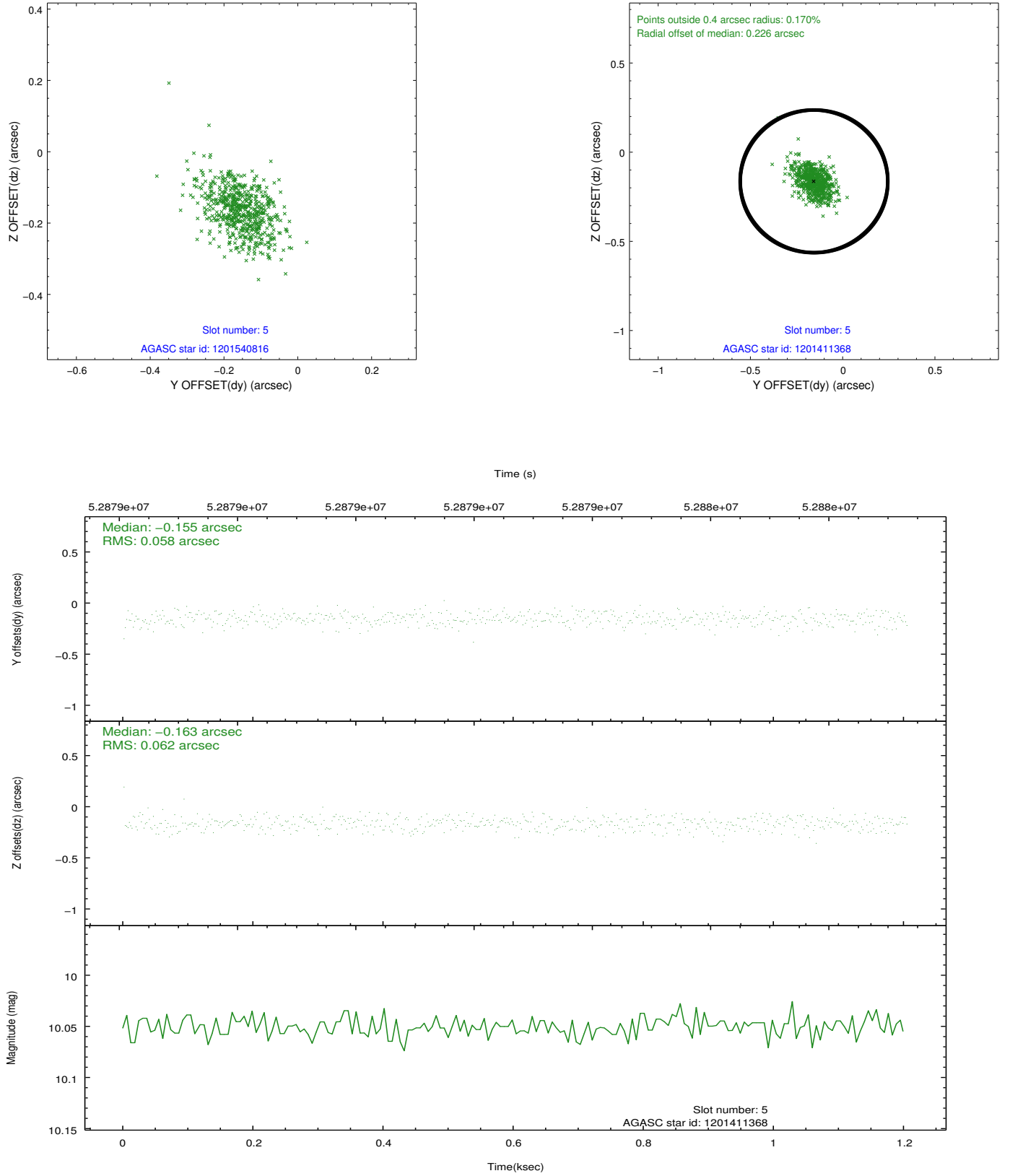
2.4.1 Slot 3



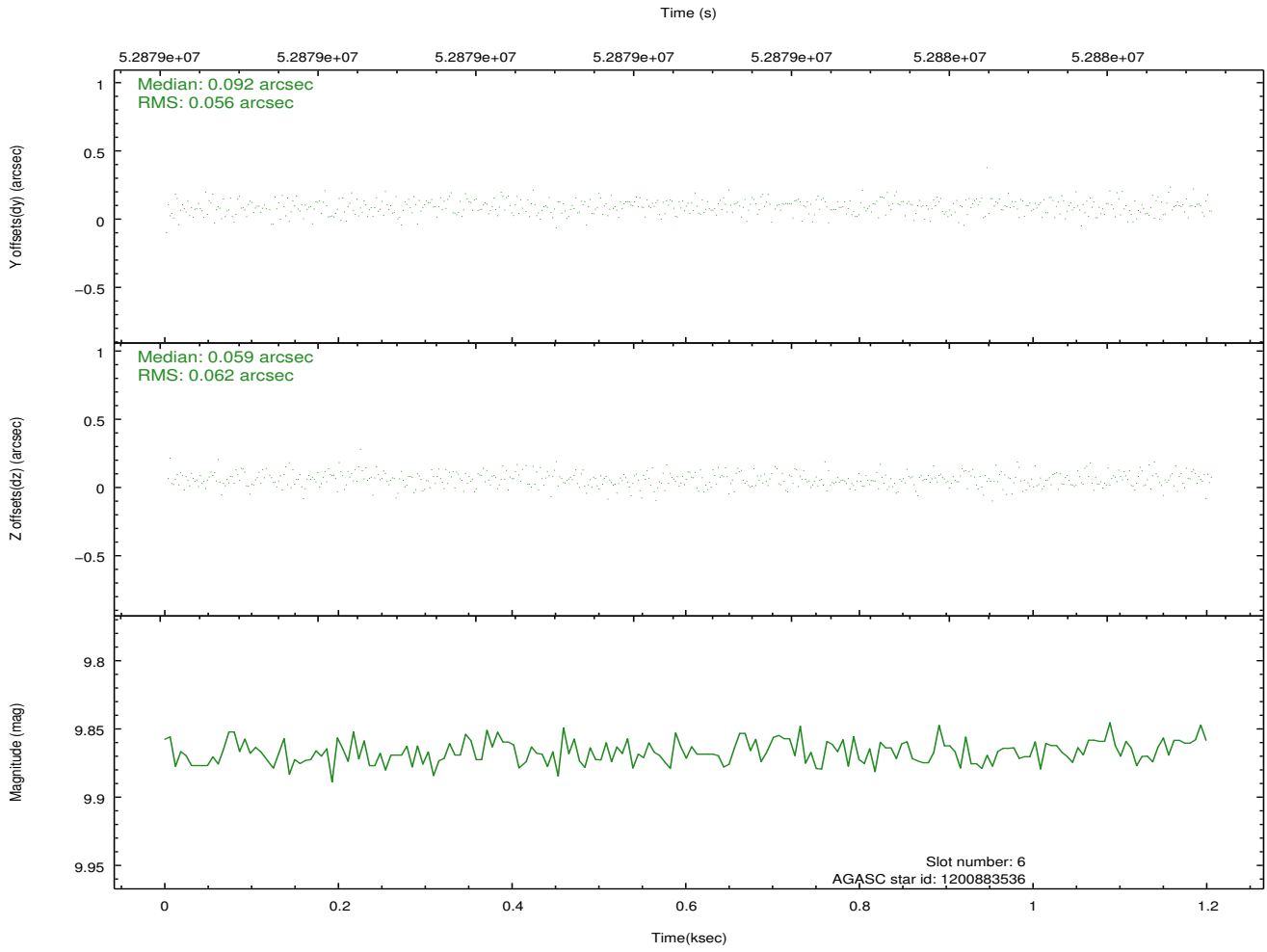
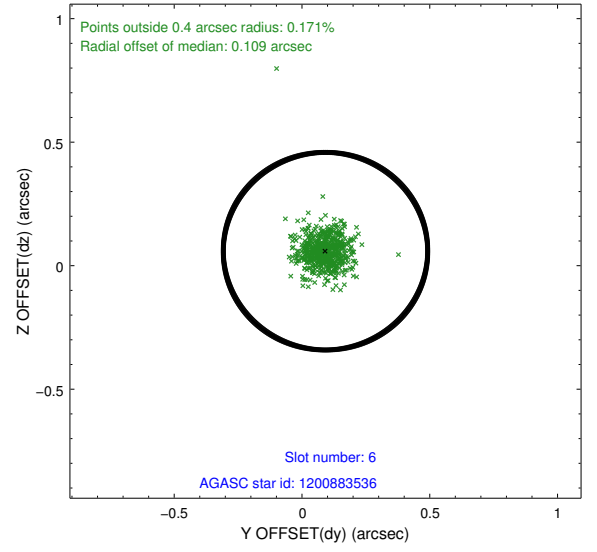
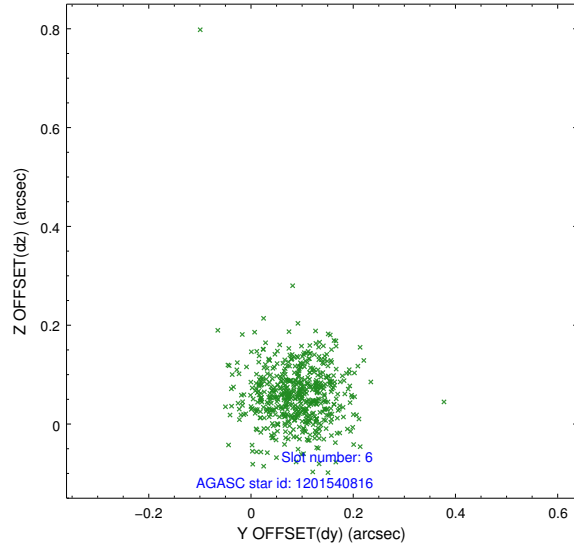
2.4.2 Slot 4



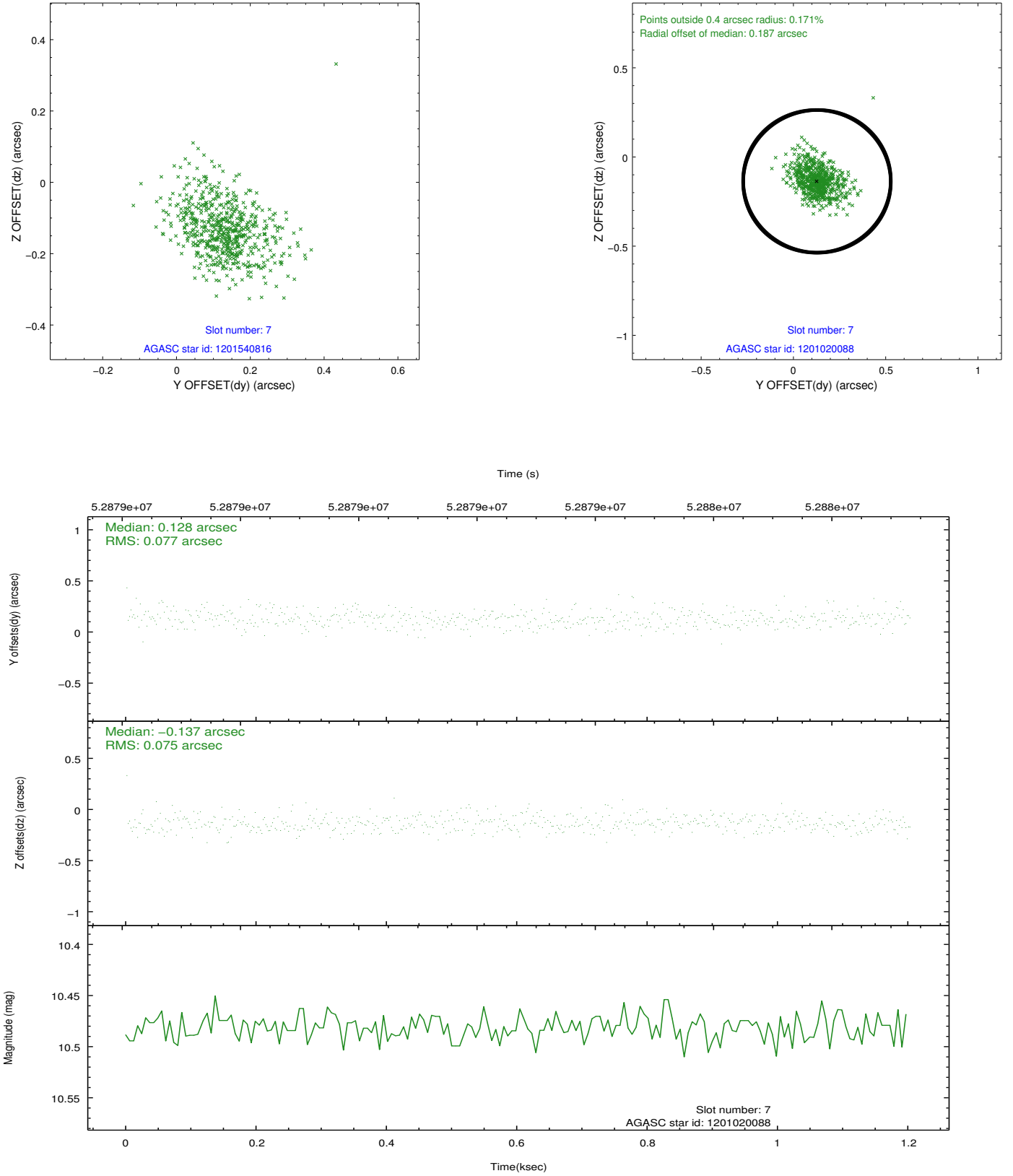
2.4.3 Slot 5



2.4.4 Slot 6

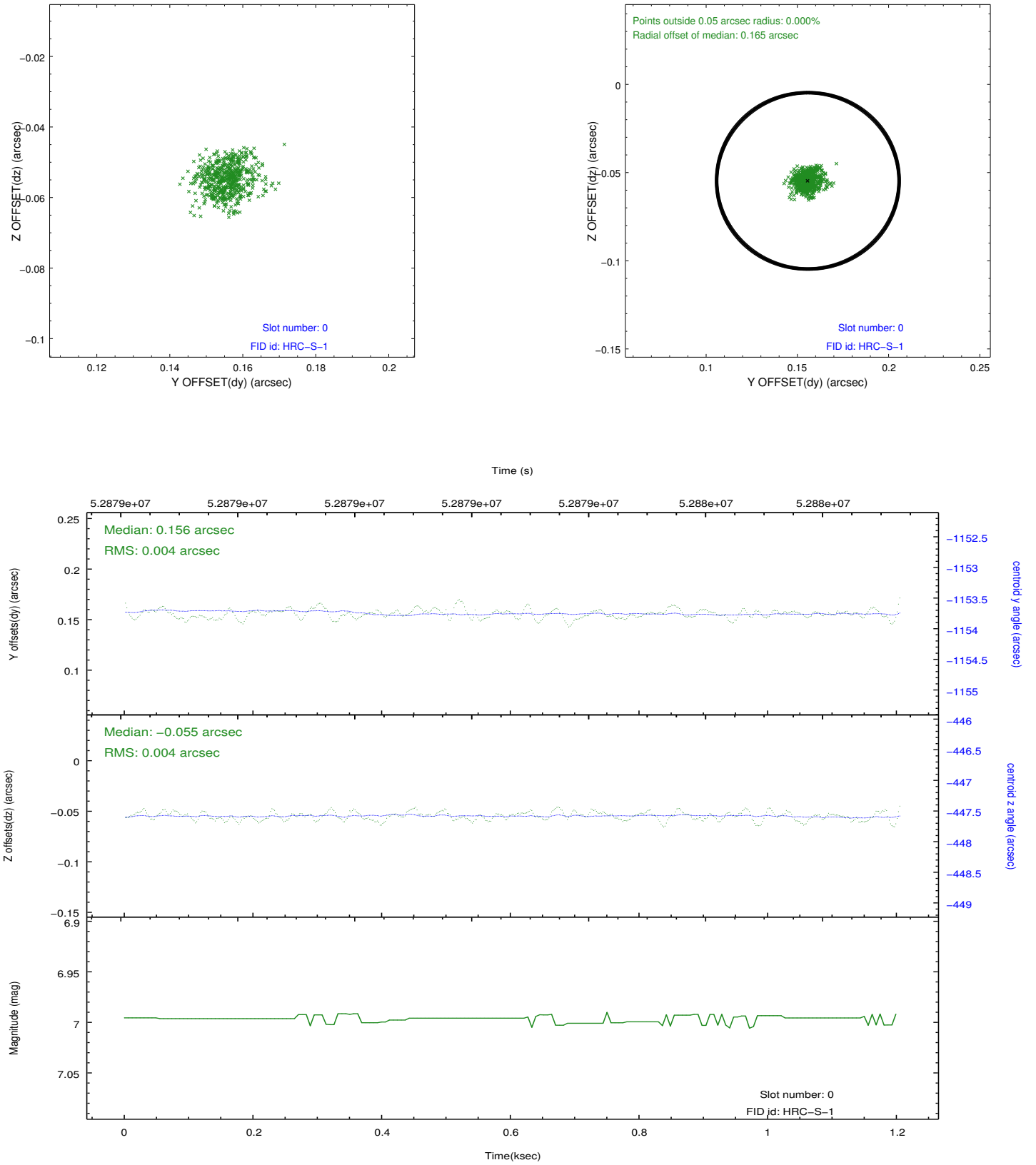


2.4.5 Slot 7

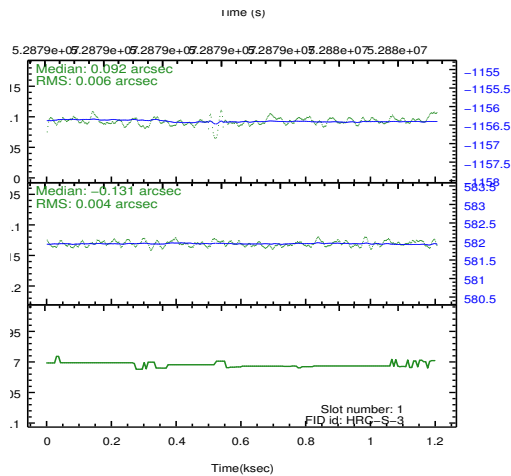
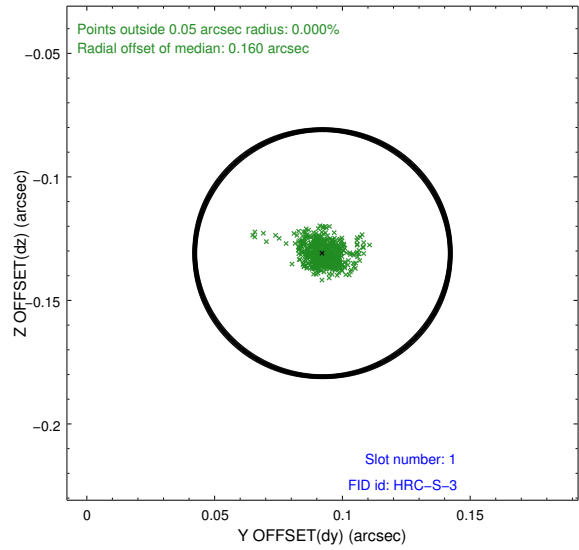
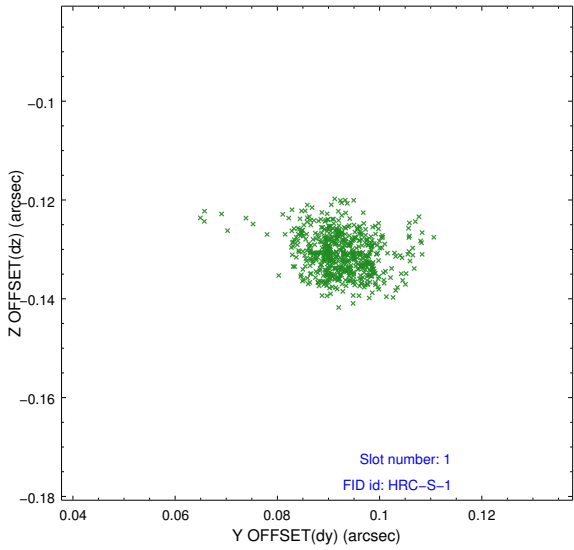


2.5 FID Slots

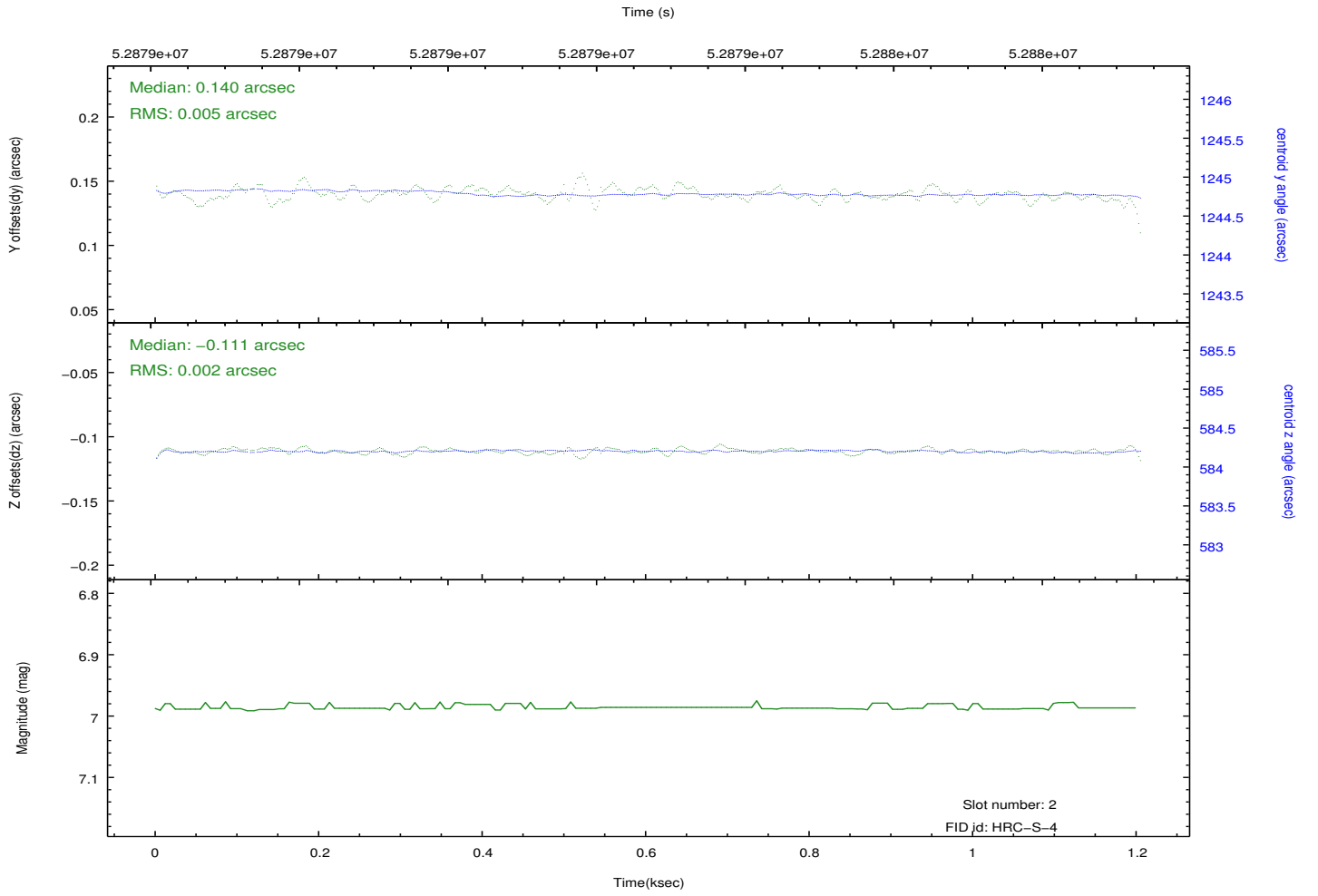
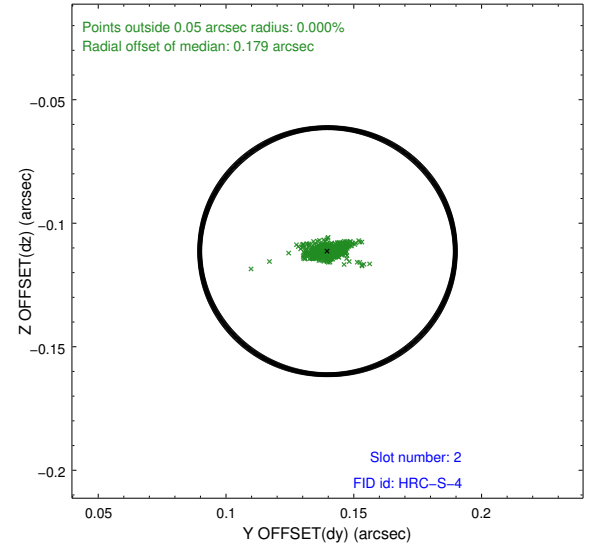
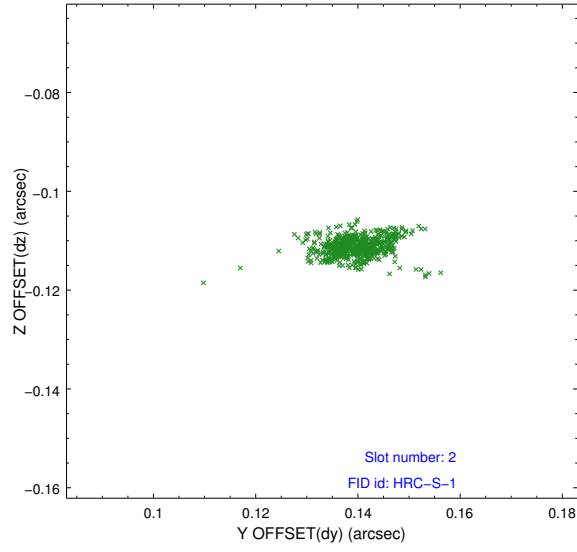
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.17 arcmin



18.28 arcmin



14.74 arcmin



14.74 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2010.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.178

A.2 Comments

Charge time for this observation remains at previous value of 1.178 ksec,
although with the current processing the charge time would have been 1.180 ksec.

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Window preference met.