

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2632 - L2 Version 3
Chandra X-Ray Center

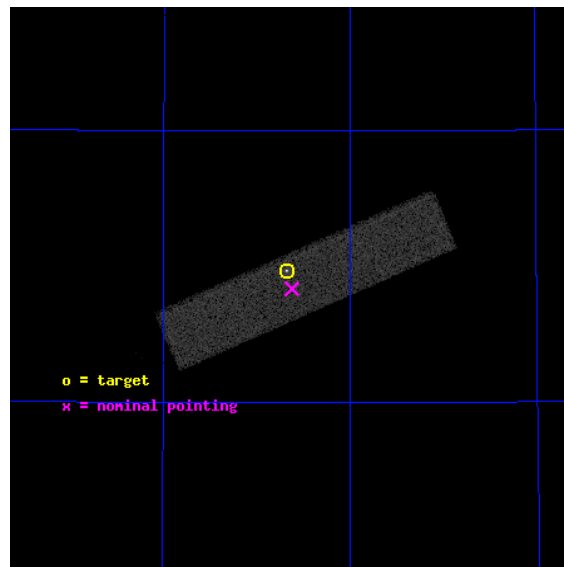
L2 Processing Date : Oct 1 2012

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1 Front

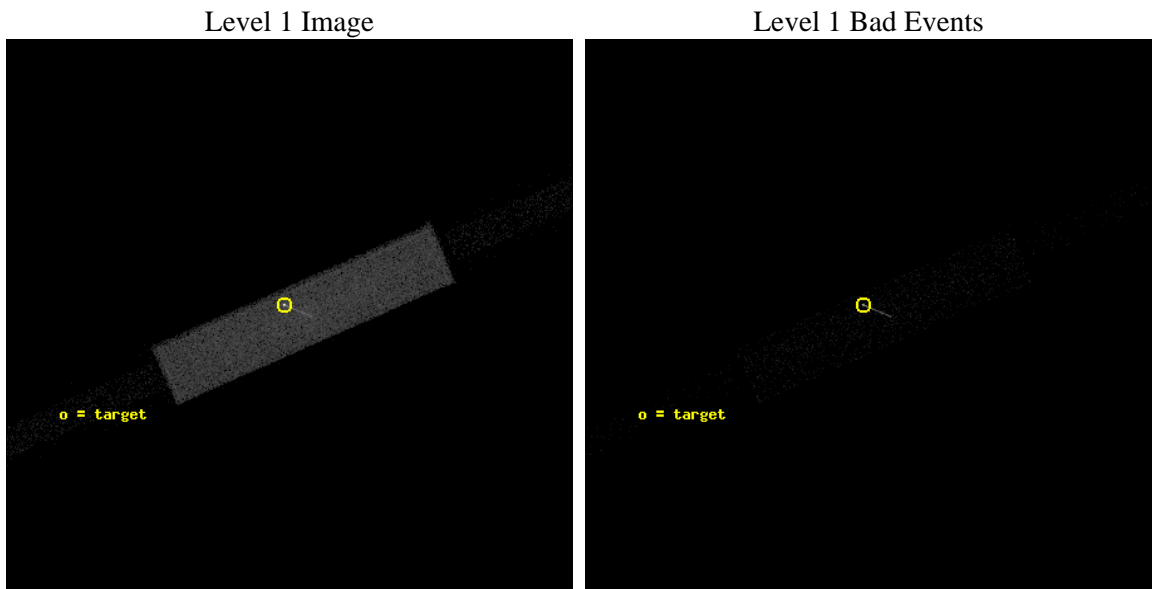
seq_num	290188	Sequence number
obs_id	2632	Observation id
title	AO3A HRC-S CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC	Proposal ti
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.15601780772	Nominal RA [deg]
dec_nom	45.709337496717	Nominal Dec [deg]
roll_nom	336.29852393848	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1147.2312962413	[s]
livetime	1141.1118364956	Ontime multiplied by DTCOR
l2events	42123	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1147.2312962413	[s]
caldsver	4.5.2	 	l1events	70412	Number of level 1 events
date	2012-10-01T03:03:04	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

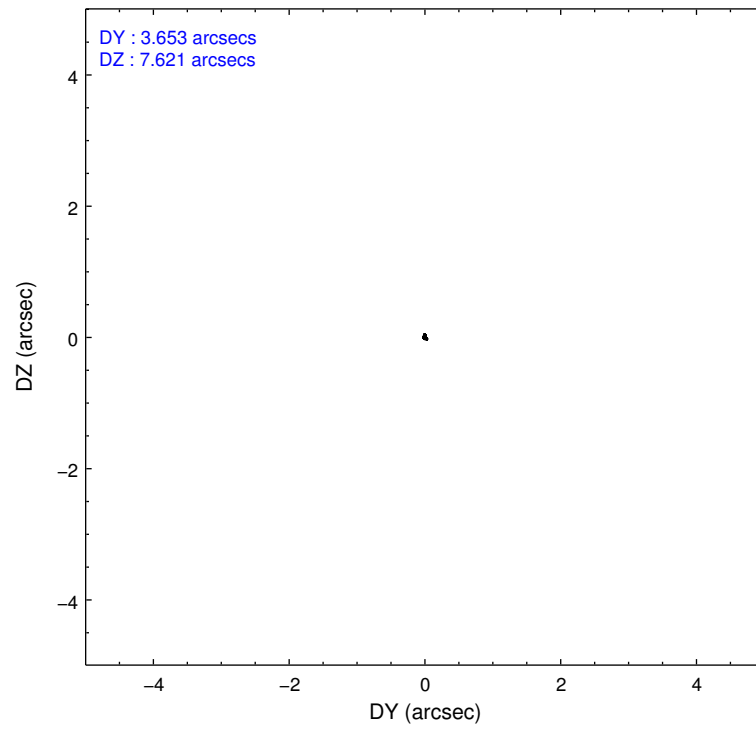
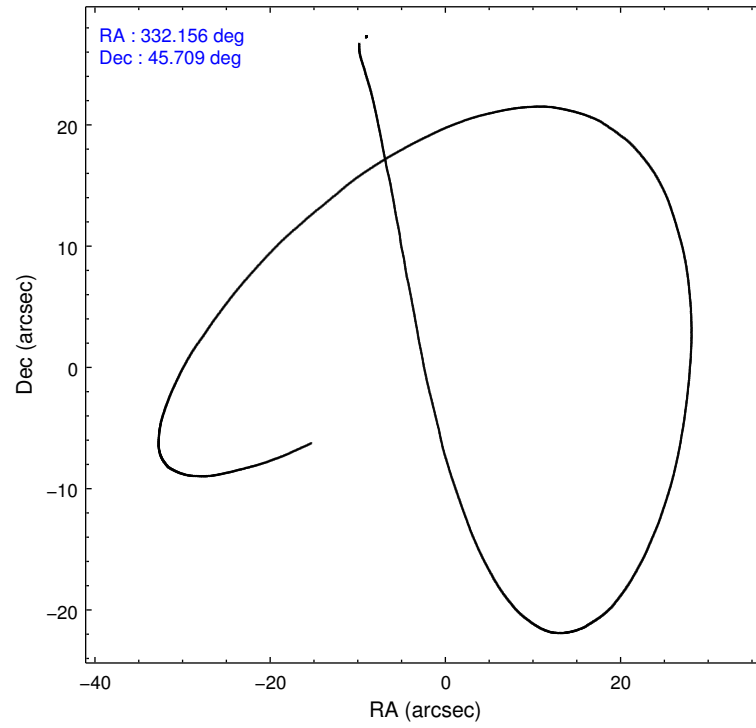
	segment 1	segment 2	segment 3
level 1 events	1377	67759	1276
rejected events	1377	15810	1264
rejected %	100%	23%	99%

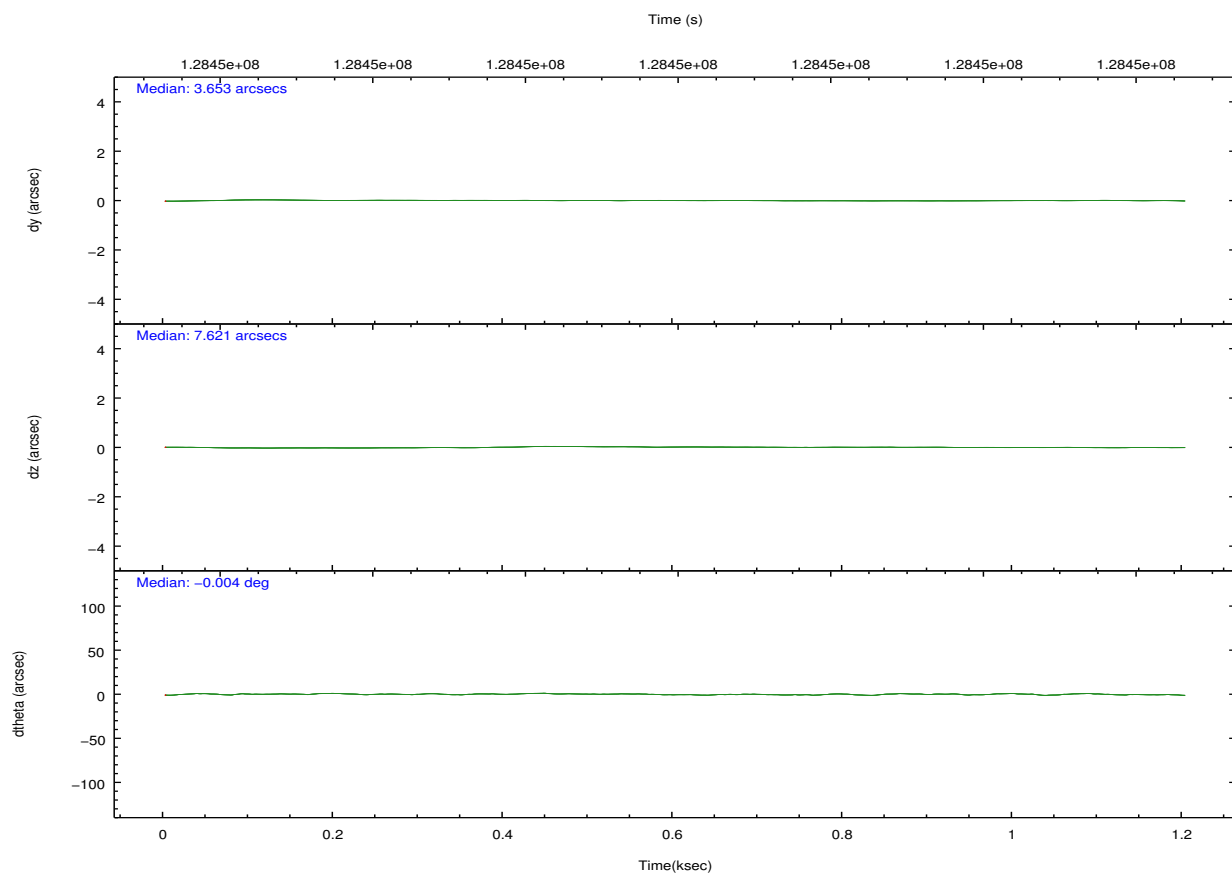
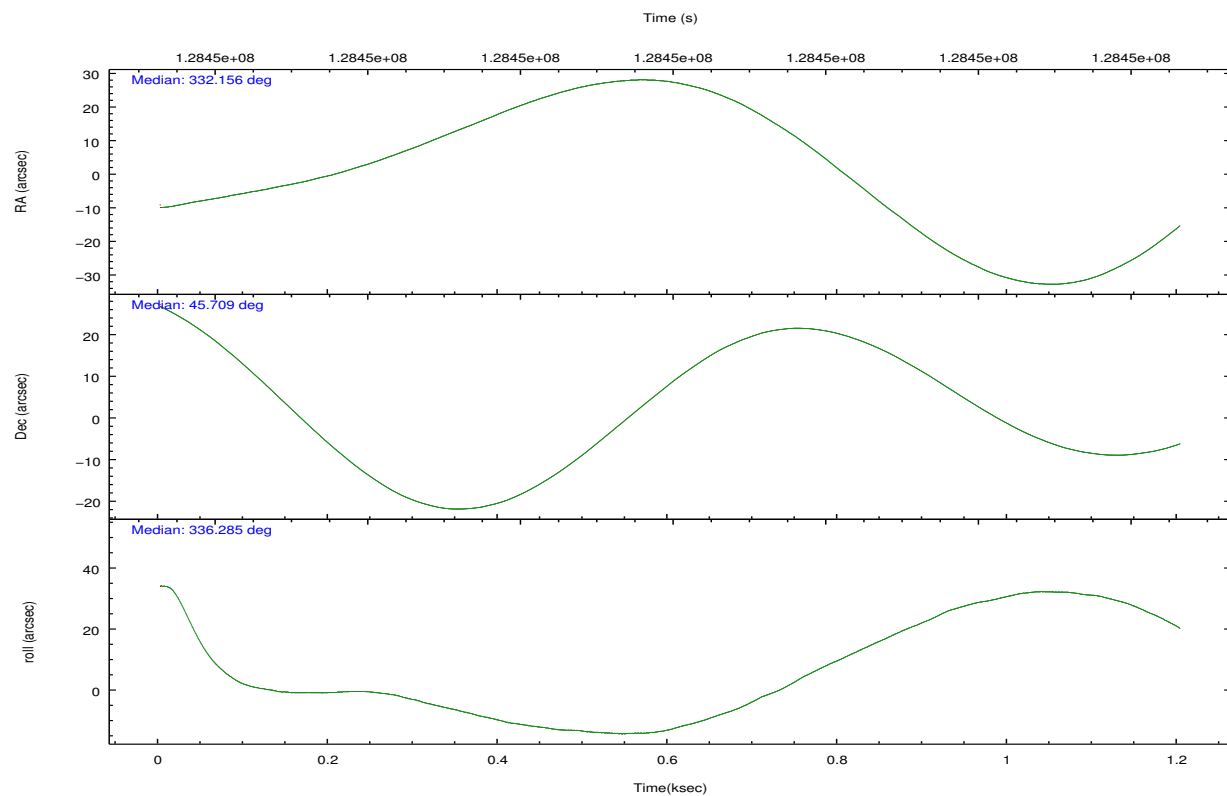
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.116375	332.1560178077158
[deg] Pointing Dec	45.705255	45.70933749671732
[deg] Pointing Roll	336.259315	336.2985239384783
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	128452597.184000	128452221.50122
Observation start date	2002-01-26T17:15:33	2002-01-26T17:10:21
[s] Observation end time (MET)	128453597.184000	128453731.32628
Observation end date	2002-01-26T17:32:13	2002-01-26T17:35:31

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



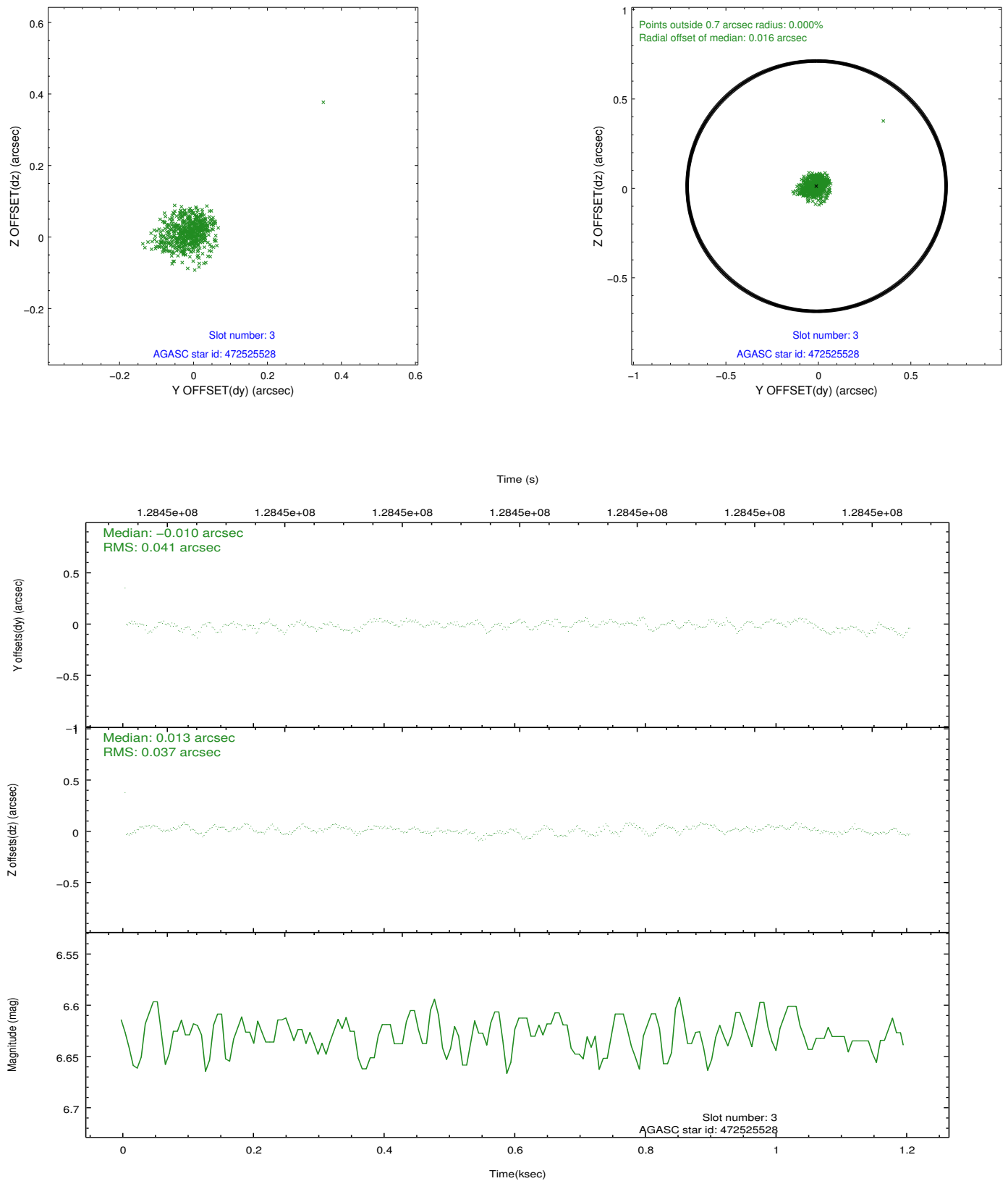


Slot Statistics

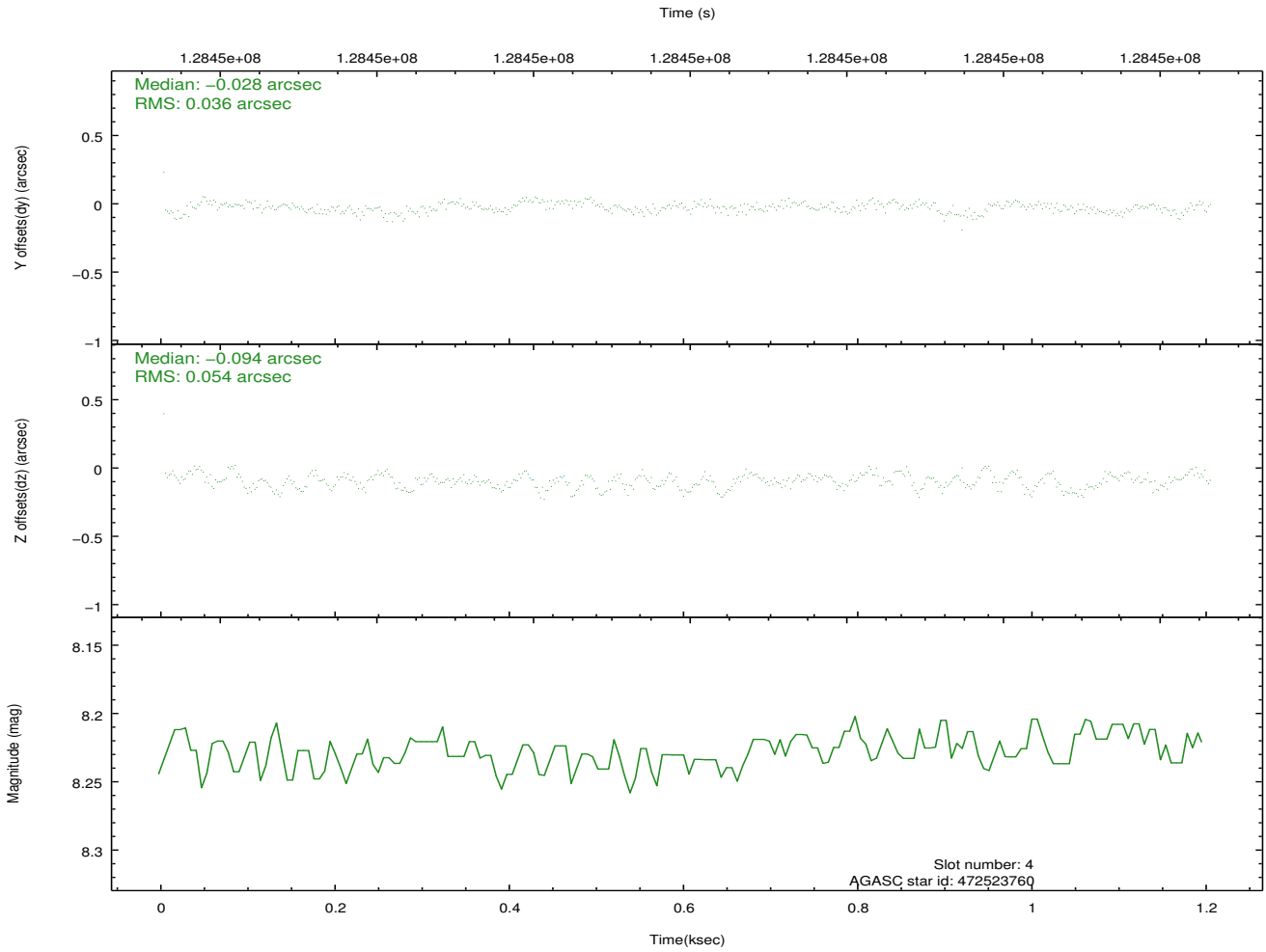
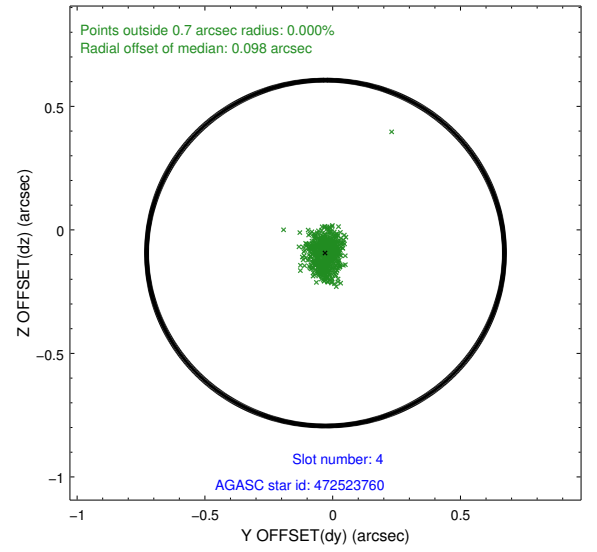
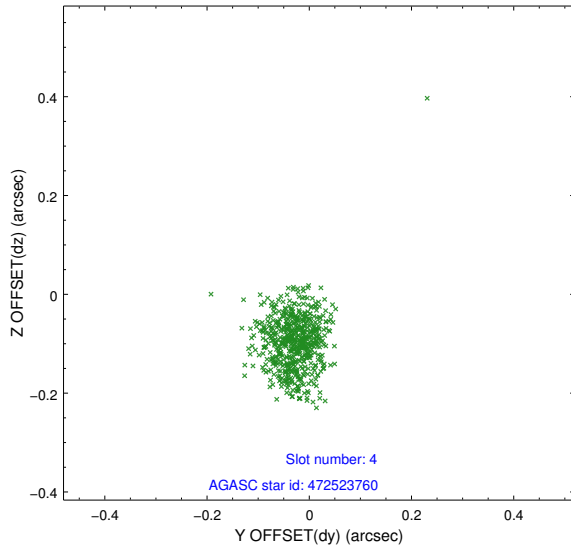
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	294	0.152	-0.085	0.006	0.011	0.000000	0.000000	-1157.69	-456.16
1	FID	HRC-S-2	6.98	294	0.076	-0.087	0.005	0.009	0.000000	0.000000	1237.98	-450.33
2	FID	HRC-S-3	7.01	294	0.161	-0.130	0.006	0.011	0.000000	0.000000	-1156.20	571.79
3	GUIDE	472525528	6.63	587	-0.010	0.013	0.055	0.087	331.551102	45.248694	-650.92	-2075.03
4	GUIDE	472523760	8.23	587	-0.028	-0.094	0.065	0.107	331.645363	45.403260	-653.89	-1473.27
5	GUIDE	472665256	9.01	587	-0.053	-0.033	0.089	0.146	332.808125	46.195041	863.94	2314.30
6	GUIDE	472659832	9.47	587	0.097	0.100	0.094	0.146	332.780399	46.098139	946.84	1974.40
7	GUIDE	472654568	9.44	583	-0.006	0.027	0.086	0.143	332.194449	45.063576	1114.22	-2029.04

2.4 Star Slots

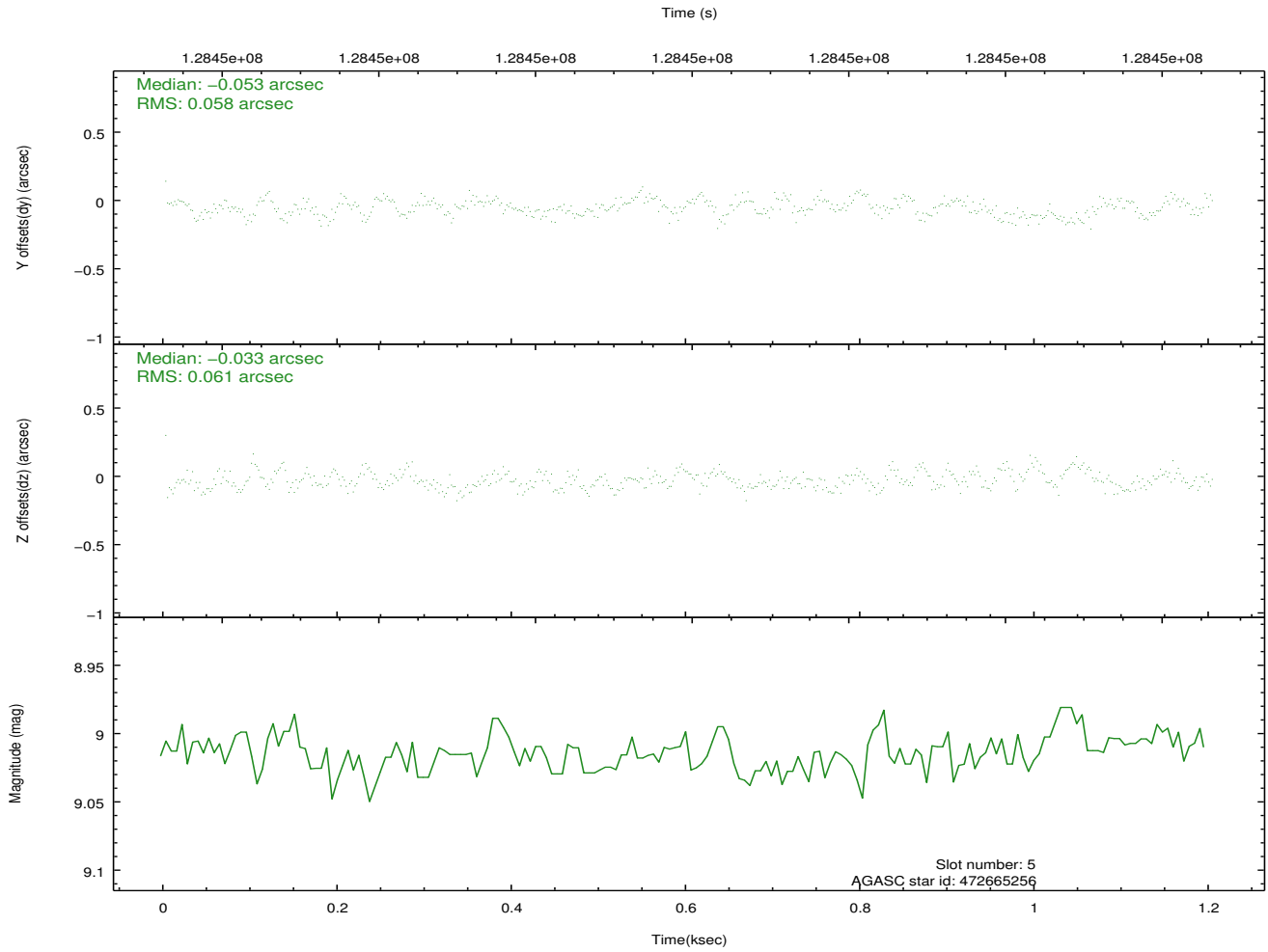
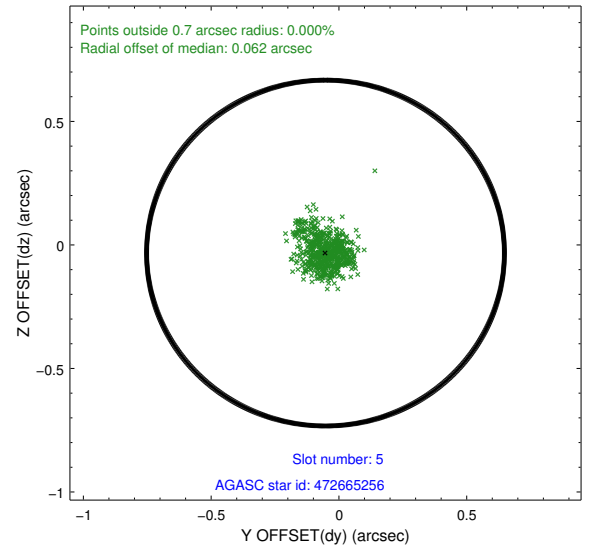
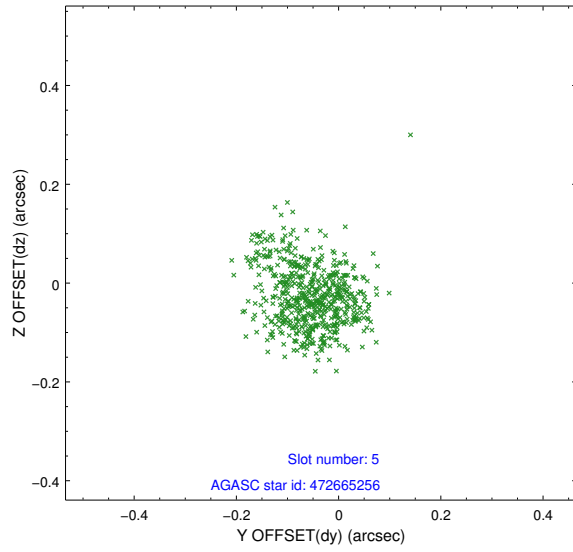
2.4.1 Slot 3



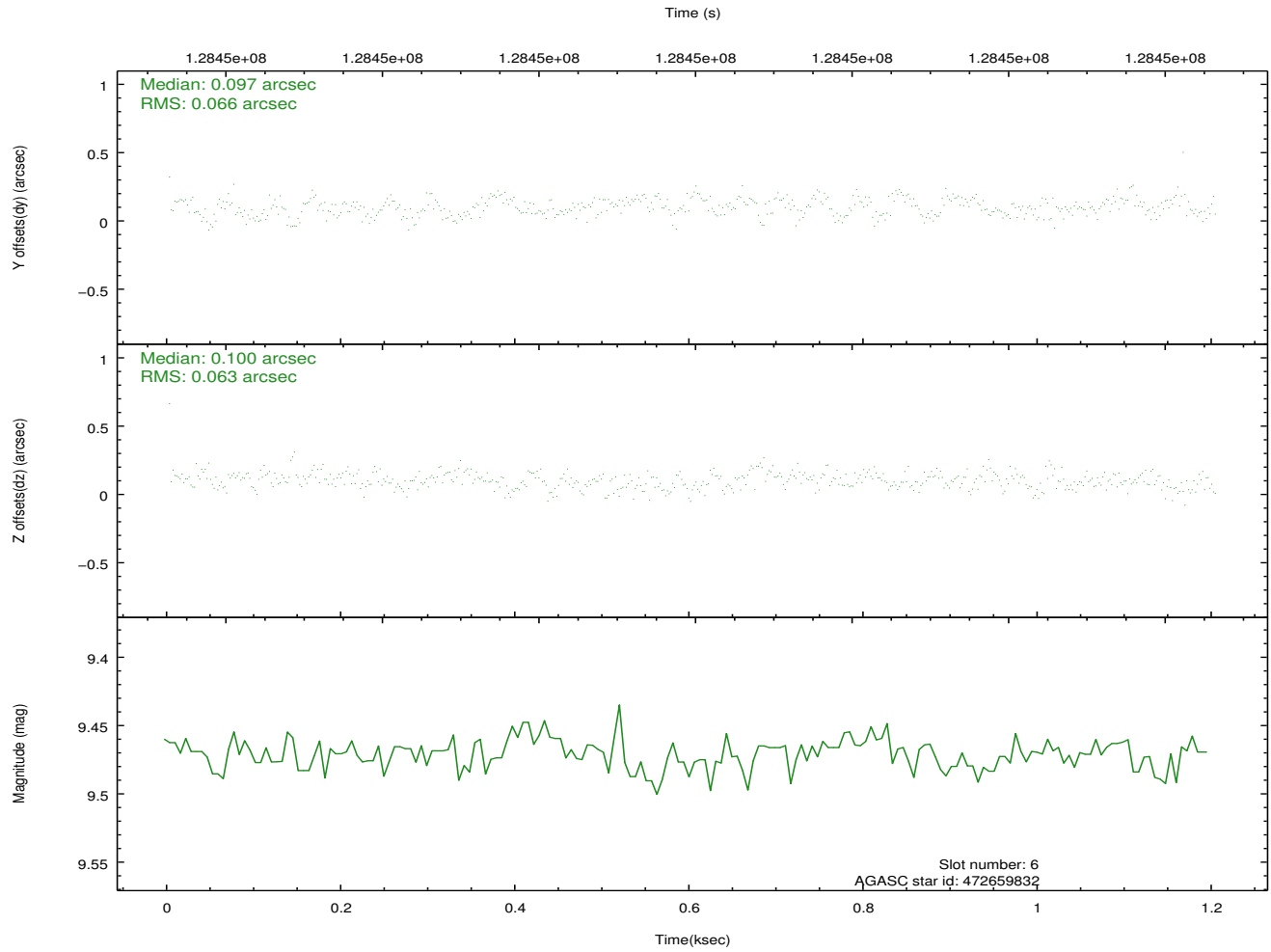
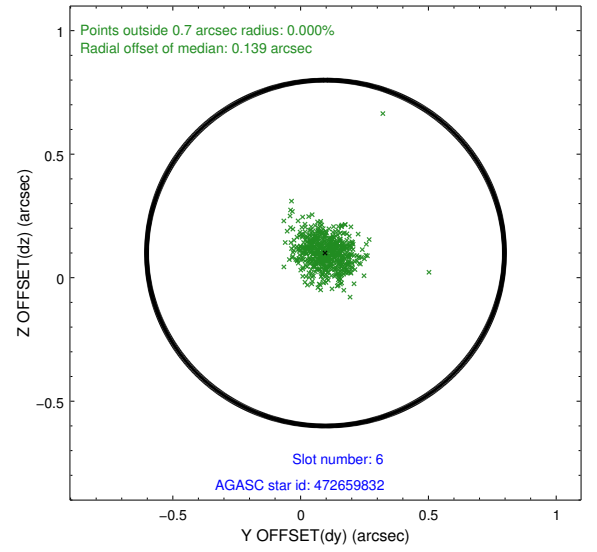
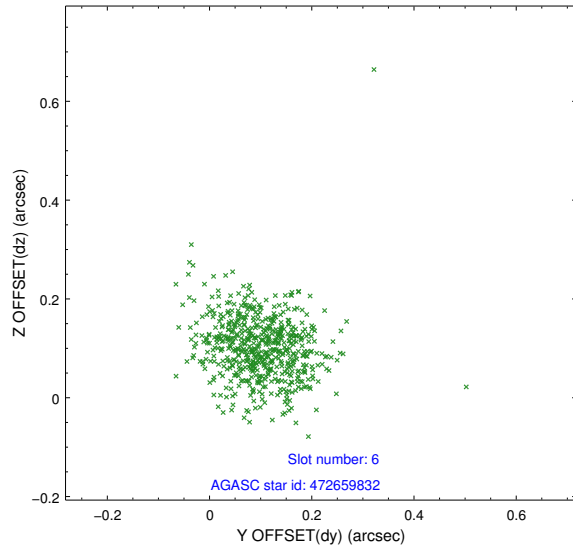
2.4.2 Slot 4



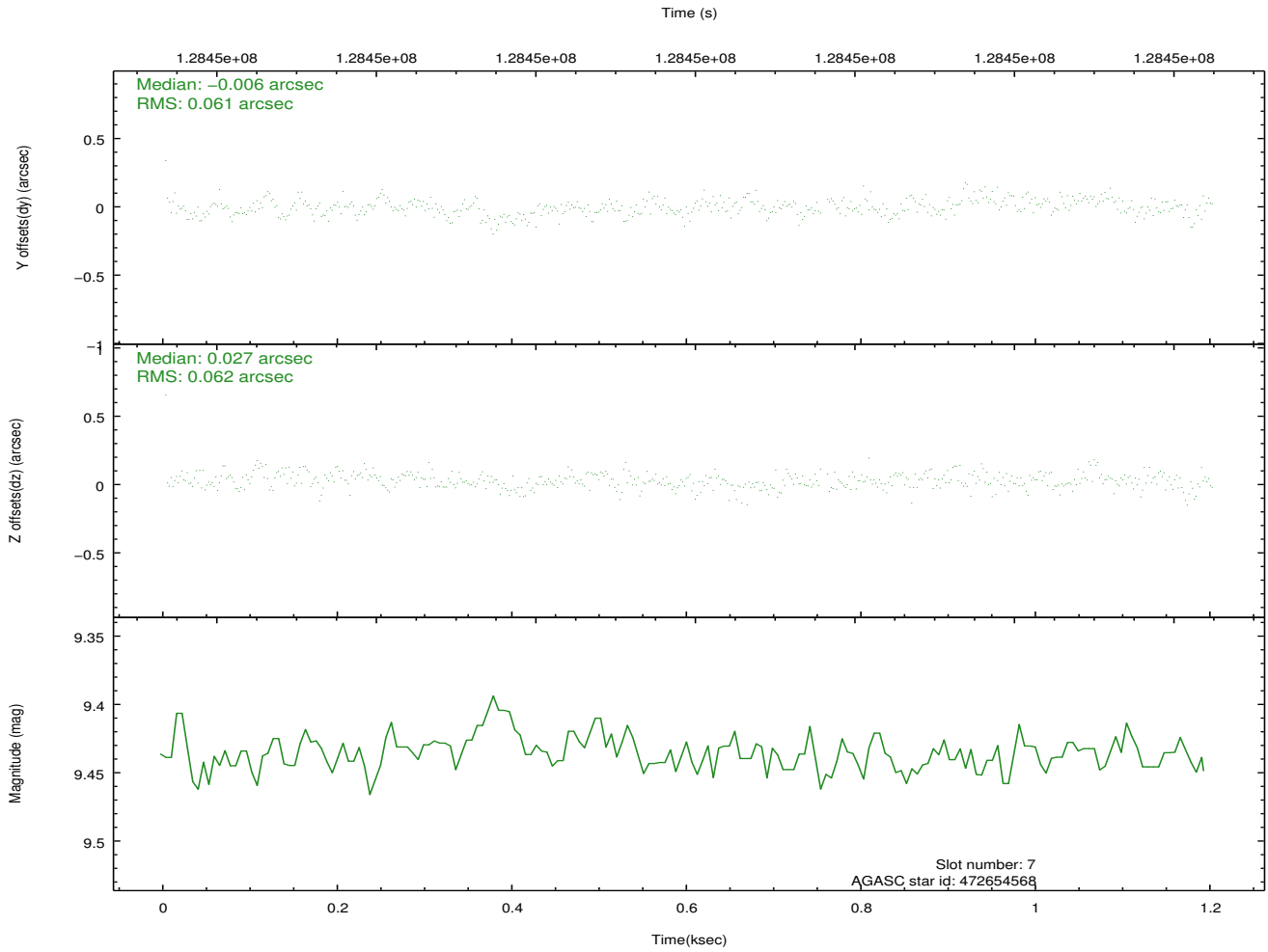
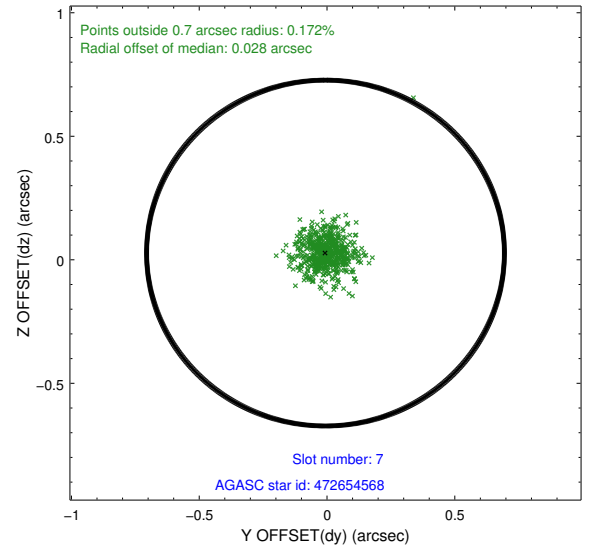
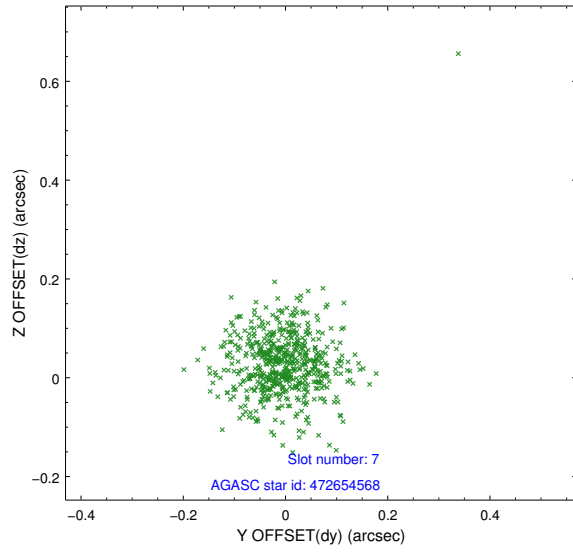
2.4.3 Slot 5



2.4.4 Slot 6

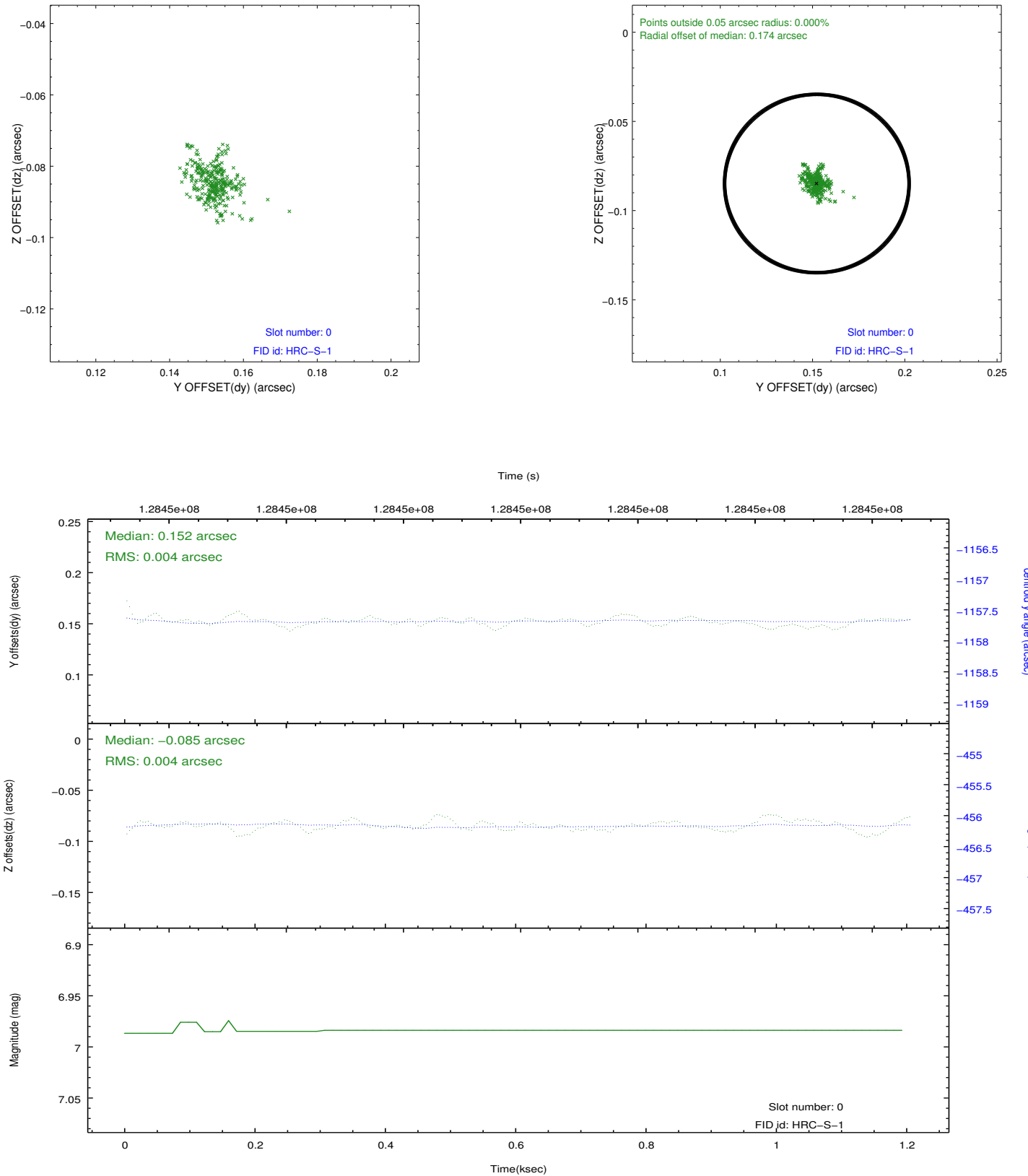


2.4.5 Slot 7

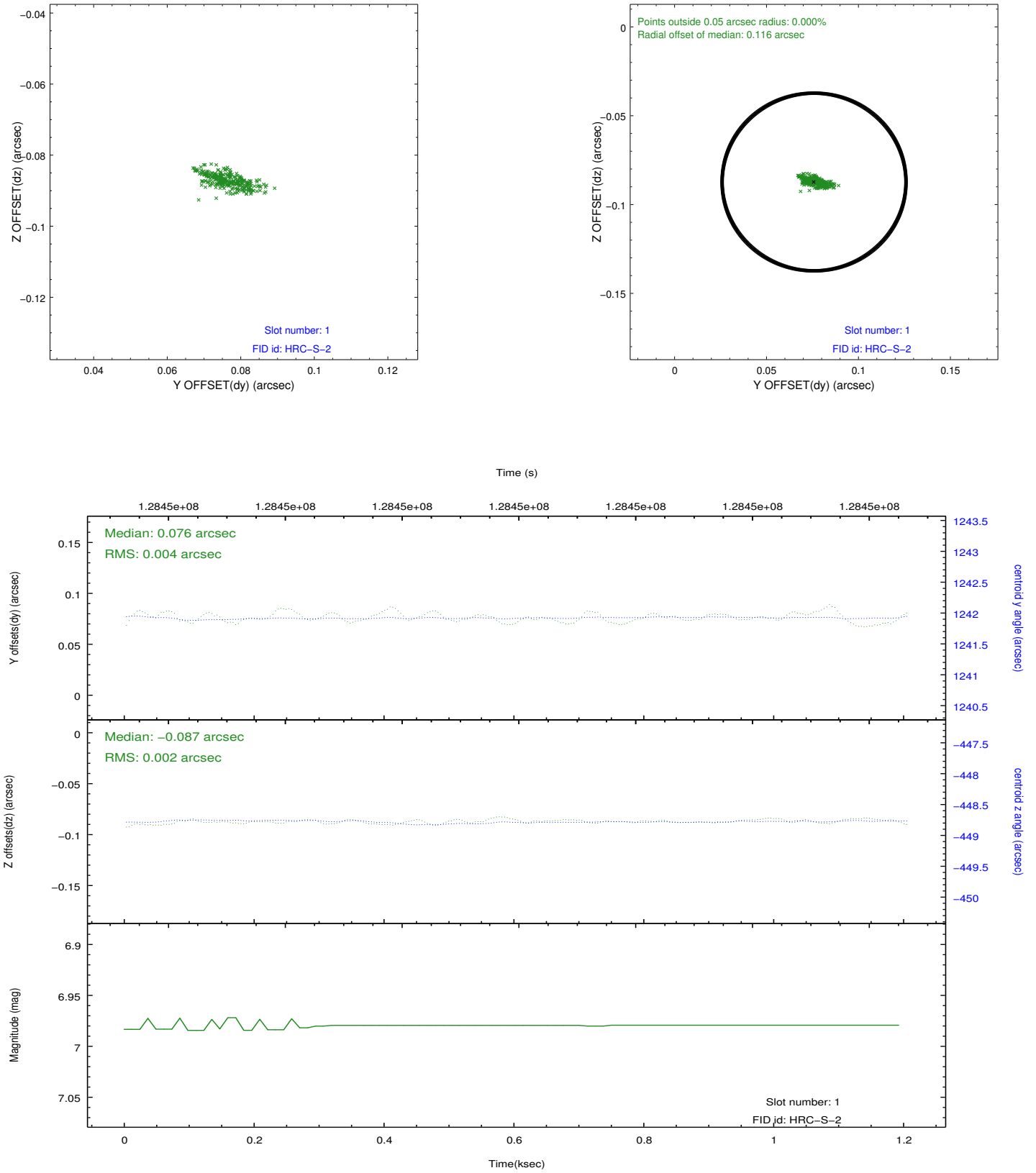


2.5 FID Slots

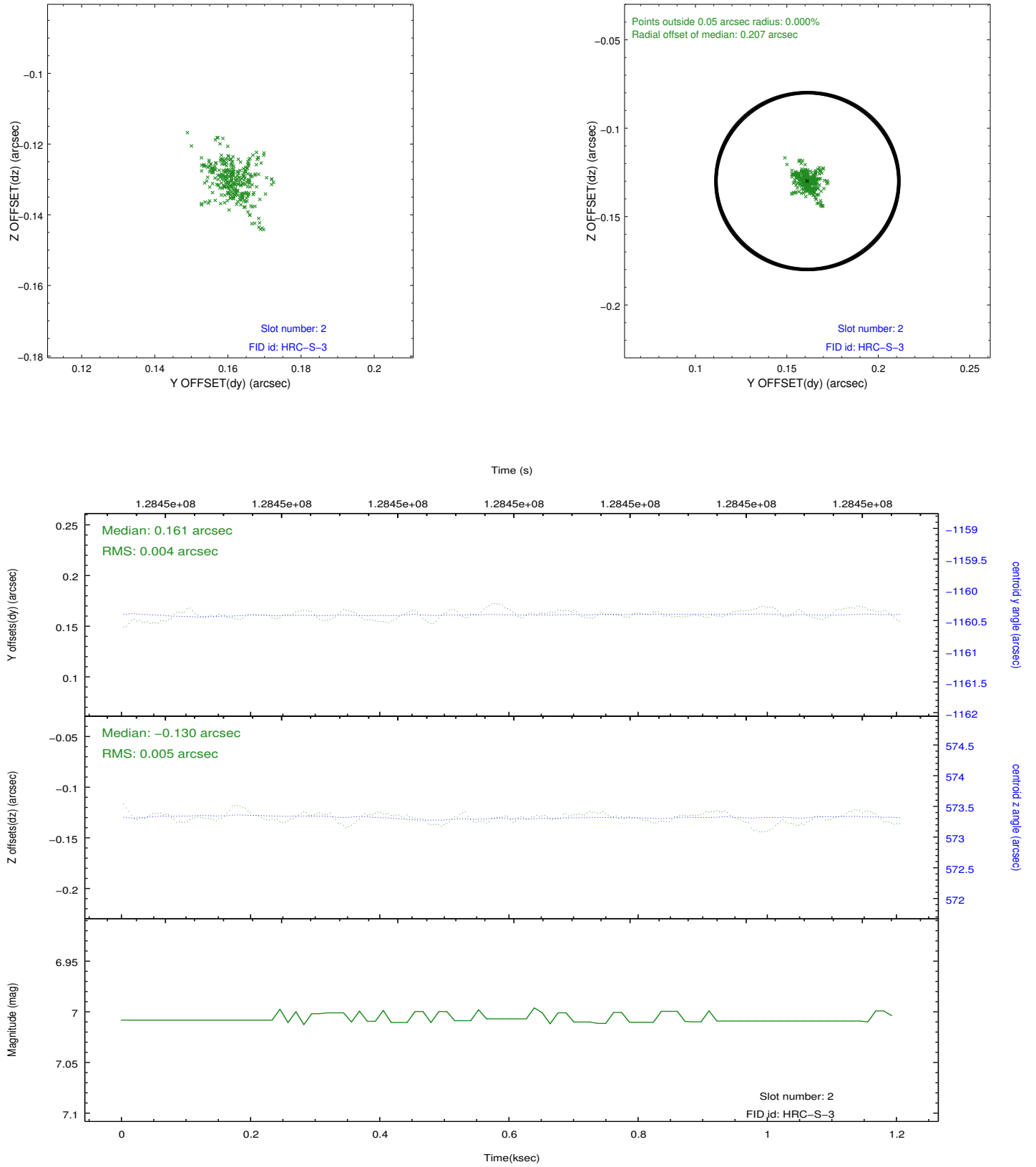
2.5.1 Slot 0



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)	2012.10.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.2

A.2 Comments

Charge time for this ObsId remains at previous value of 1.2 ks although with the current processing the charge time would have been 1.14 ksec.