

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 708 - L2 Version 001
Chandra X-Ray Center

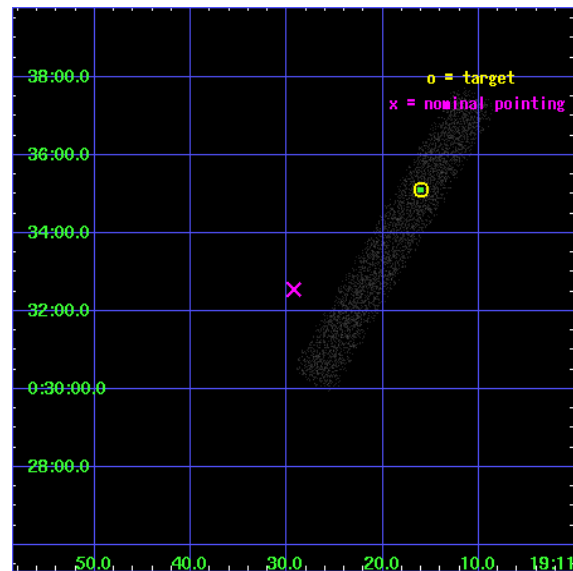
L2 Processing Date : Jun 18 2007

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1 Front

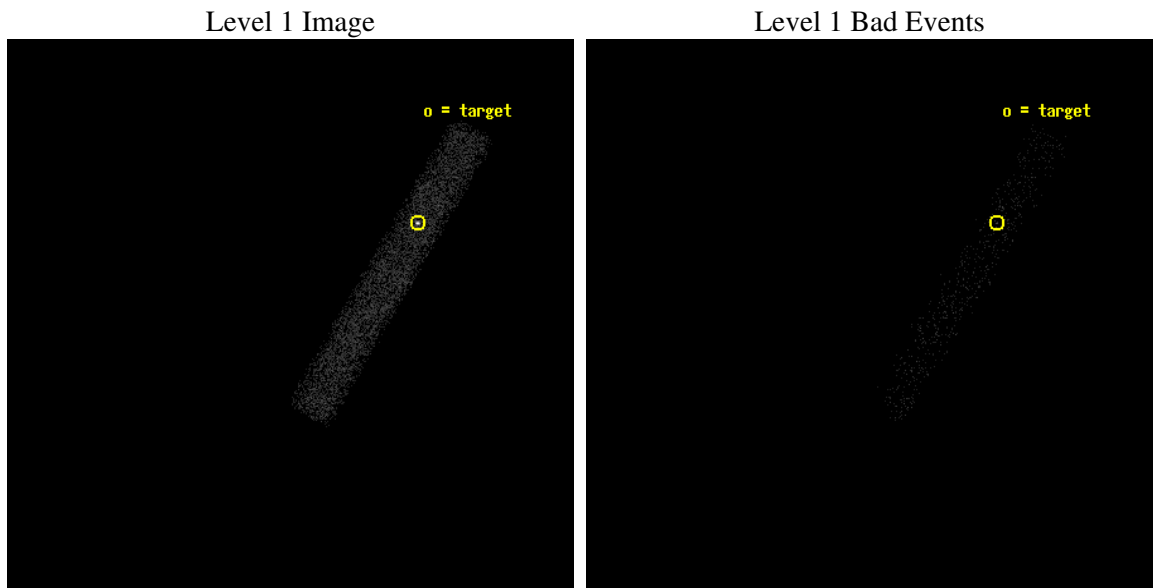
seq_num	400075
obs_id	708
title	TEMPORAL EVOLUTION OF TRANSIENT TYPE I BURSTERS IN QUIESCENCE
observer	PROF. LARS BILDSTEN
object	AQL X-1
dtcycle	0
cycle	P
ra_targ	287.816667
dec_targ	0.585111
ra_nom	287.87197661804
dec_nom	0.54247062652879
roll_nom	300.39397771513
revision	2
ontime	7307.6001088917
livetime	6627.6075720041
ontime7	7307.6001088917
l2events	5783



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-18T09:37:05
revision	2

sched_exp_time	7325.000000
ontime	7307.6001088917
ontime7	7307.6001088917
l1events	19167

2.1.4 Events

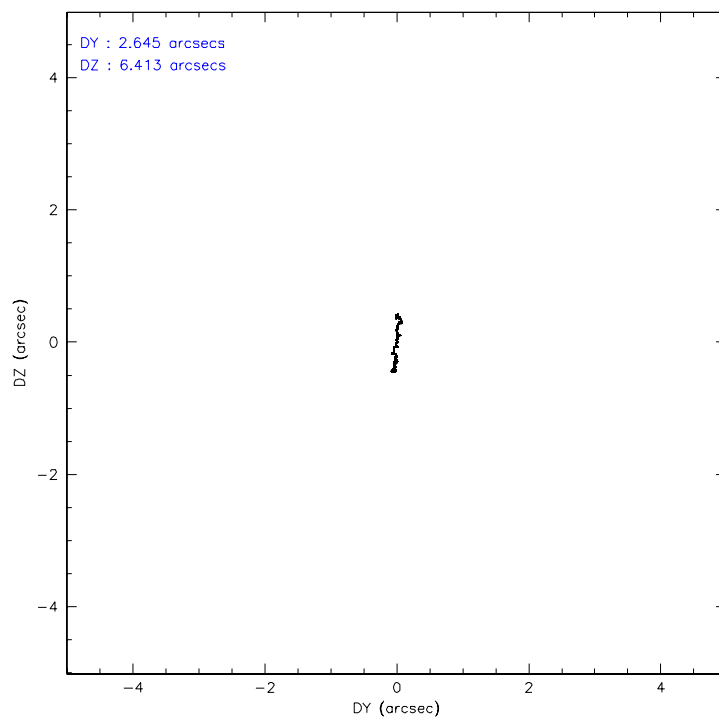
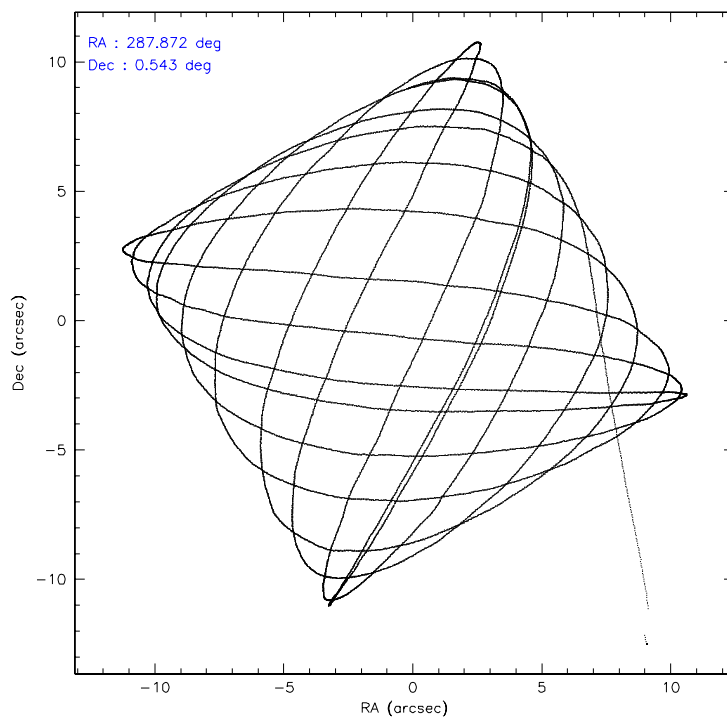
	ccd 7
level 1 events	19167
rejected events	13204
rejected %	68%

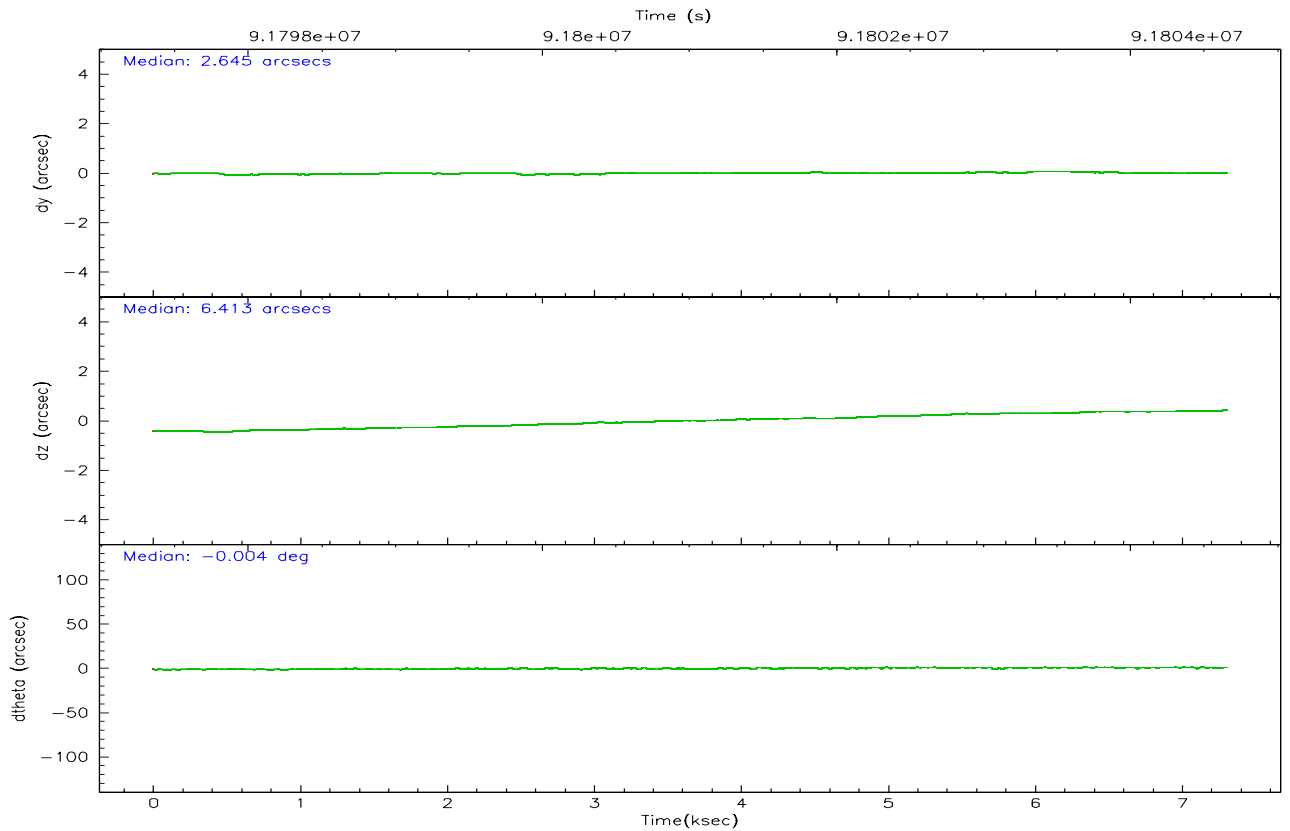
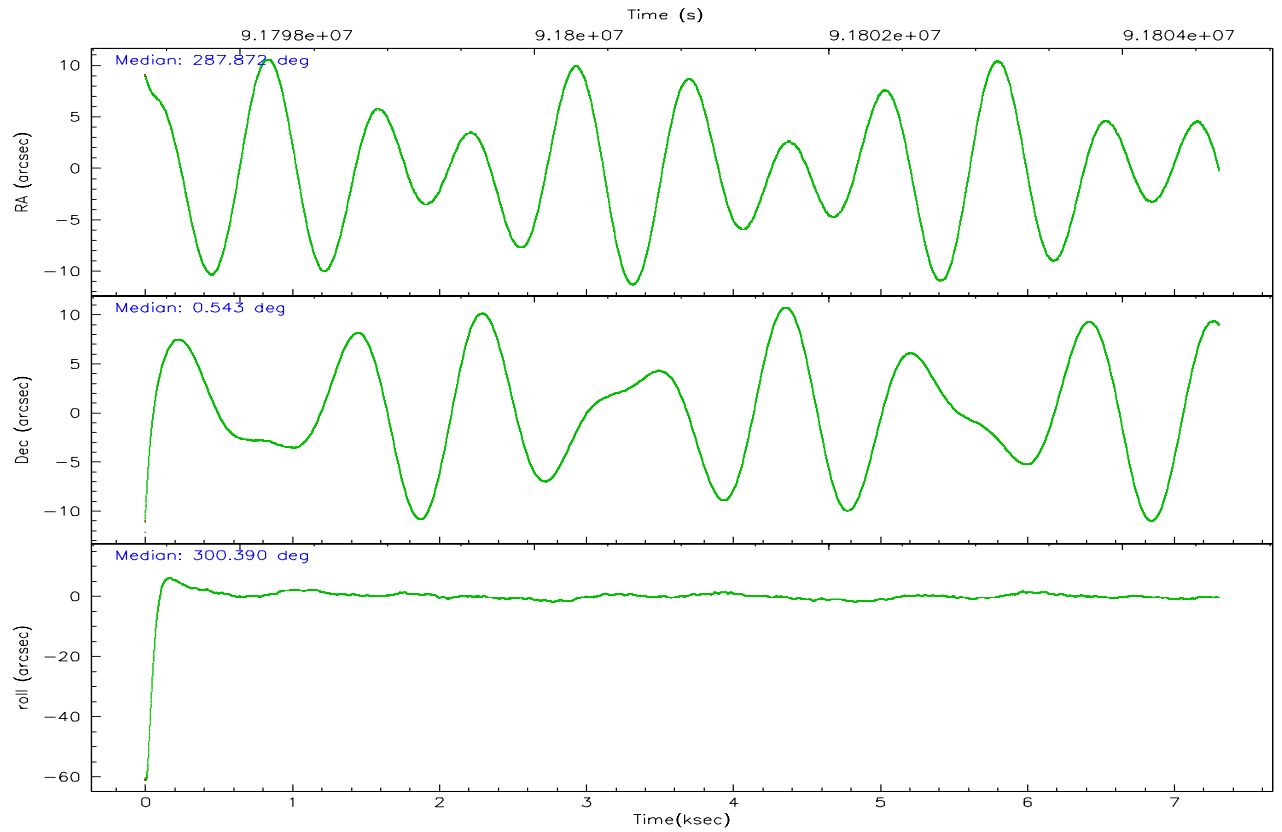
	ccd 7
grade 0 events	3254
	16%
grade 1 events	18
	0%
grade 2 events	3168
	16%
grade 3 events	1725
	8%
grade 4 events	1655
	8%
grade 5 events	780
	4%
grade 6 events	5031
	26%
grade 7 events	3536
	18%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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
Pointing RA	287.848052	287.8719766180361	Subarray requested	CUSTOM	1/8
Pointing Dec	0.555763	0.5424706265287902	Subarray start row	650	650
Pointing Roll	300.237709	300.3939777151322	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.400000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	91797332.184000	91795959.427947			
Observation start date	2000-11-28T11:14:28	2000-11-28T10:52:39			
Observation end time	91804657.184000	91804914.85328899			
Observation end date	2000-11-28T13:16:33	2000-11-28T13:21:54			
Read mode	TIMED	TIMED			

2.3 Aspect



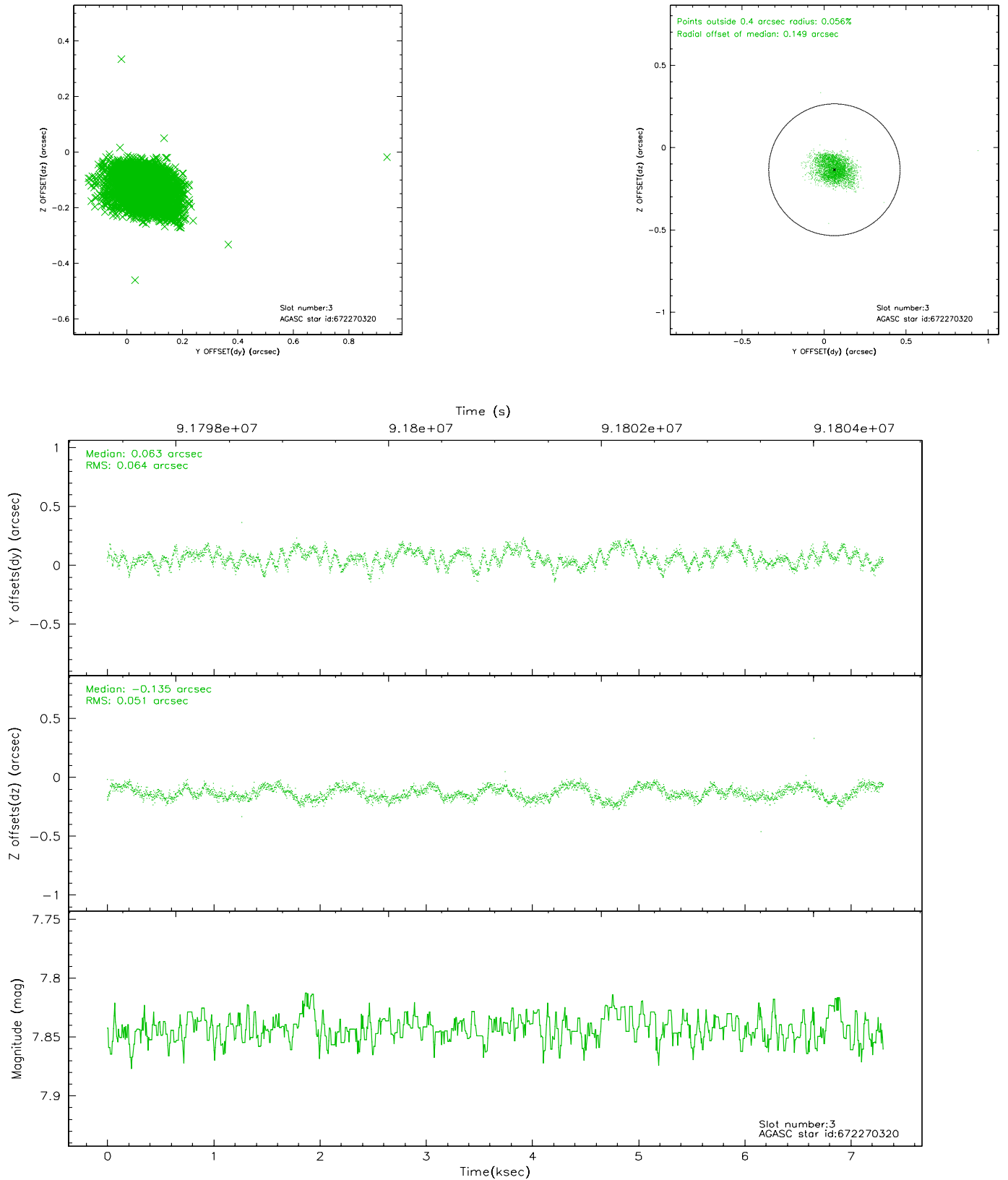


Slot Statistics

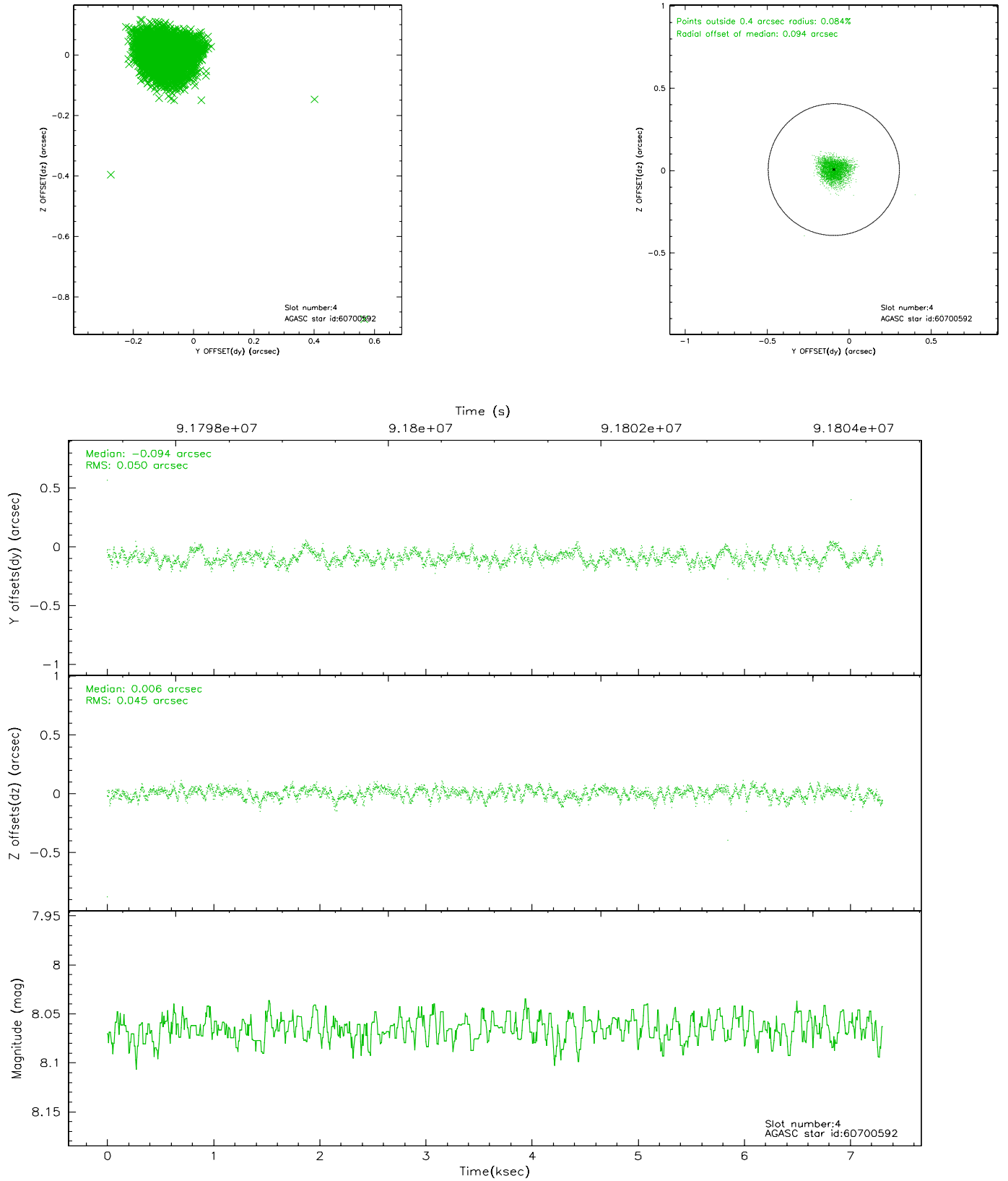
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1783	0.015	0.008	0.009	0.015	0.000000	0.000000	-755.24	-1727.55
1	FID	ACIS-S-4	7.21	1783	-0.024	-0.020	0.008	0.013	0.000000	0.000000	2157.63	180.12
2	FID	ACIS-S-6	7.35	1783	-0.019	0.019	0.008	0.012	0.000000	0.000000	407.69	818.43
3	GUIDE	672270320	7.84	3566	0.063	-0.135	0.085	0.138	287.786086	-0.258303	2420.76	-1668.51
4	GUIDE	60700592	8.06	3566	-0.094	0.006	0.068	0.108	287.530354	0.932002	-1744.52	-306.37
5	GUIDE	60712504	8.88	3566	0.108	0.114	0.071	0.115	288.588609	0.262689	2254.48	1772.37
6	GUIDE	60706688	8.73	3566	0.043	-0.046	0.072	0.111	287.637938	0.689635	-795.60	-410.24
7	GUIDE	60714072	8.95	3564	-0.133	0.060	0.108	0.183	288.094723	1.368496	-2080.30	2240.42

2.4 Star Slots

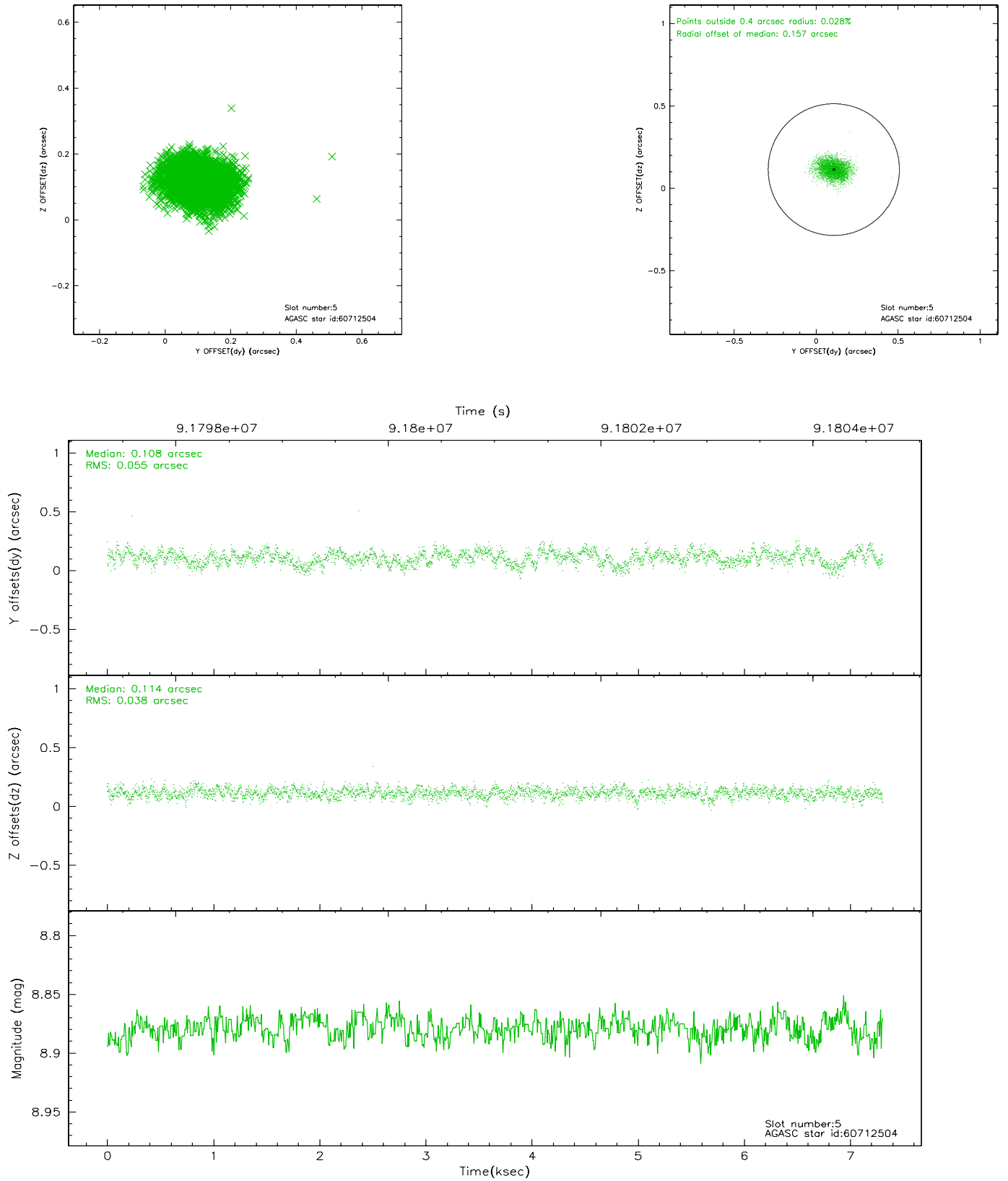
2.4.1 Slot 3



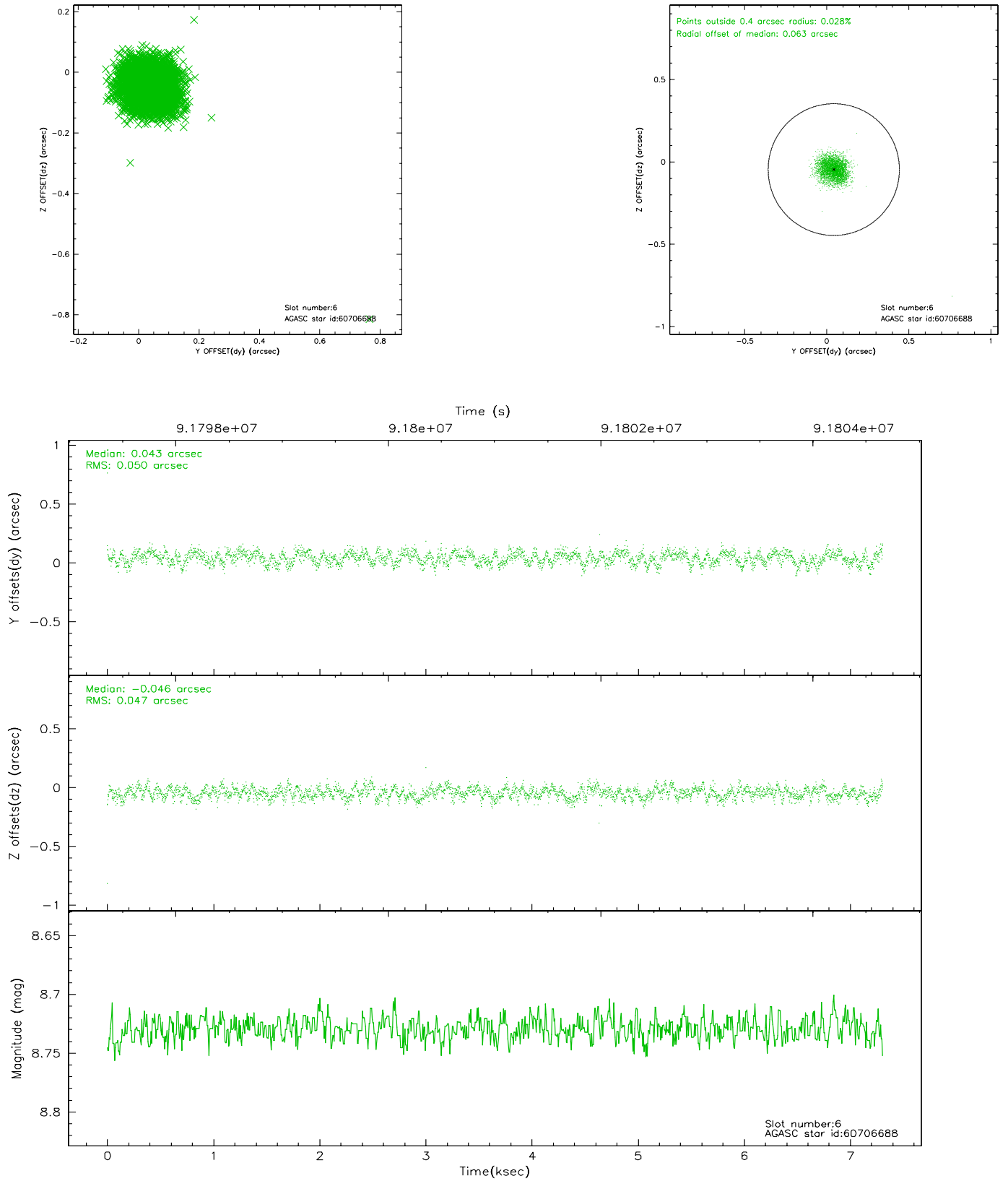
2.4.2 Slot 4



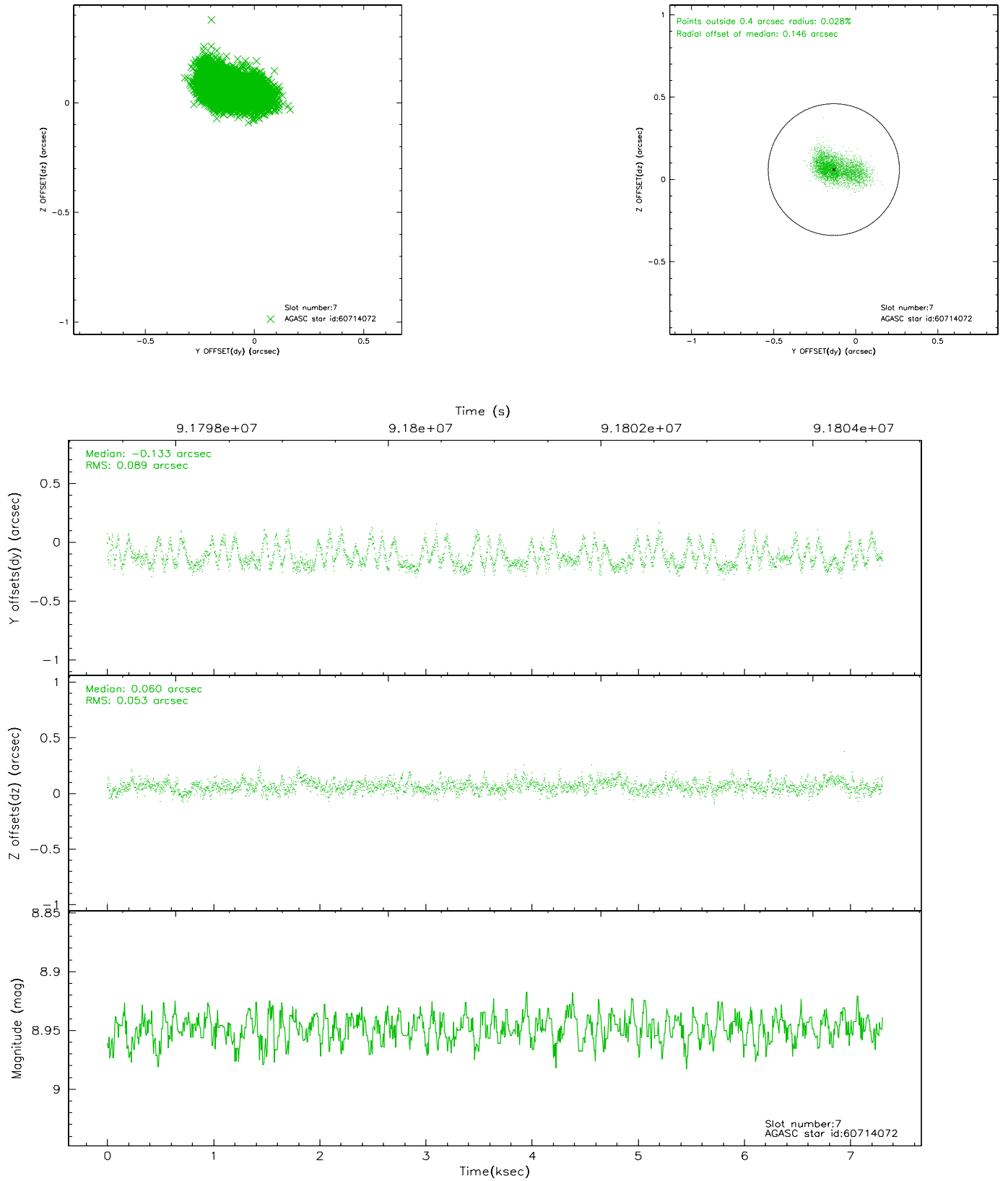
2.4.3 Slot 5



2.4.4 Slot 6

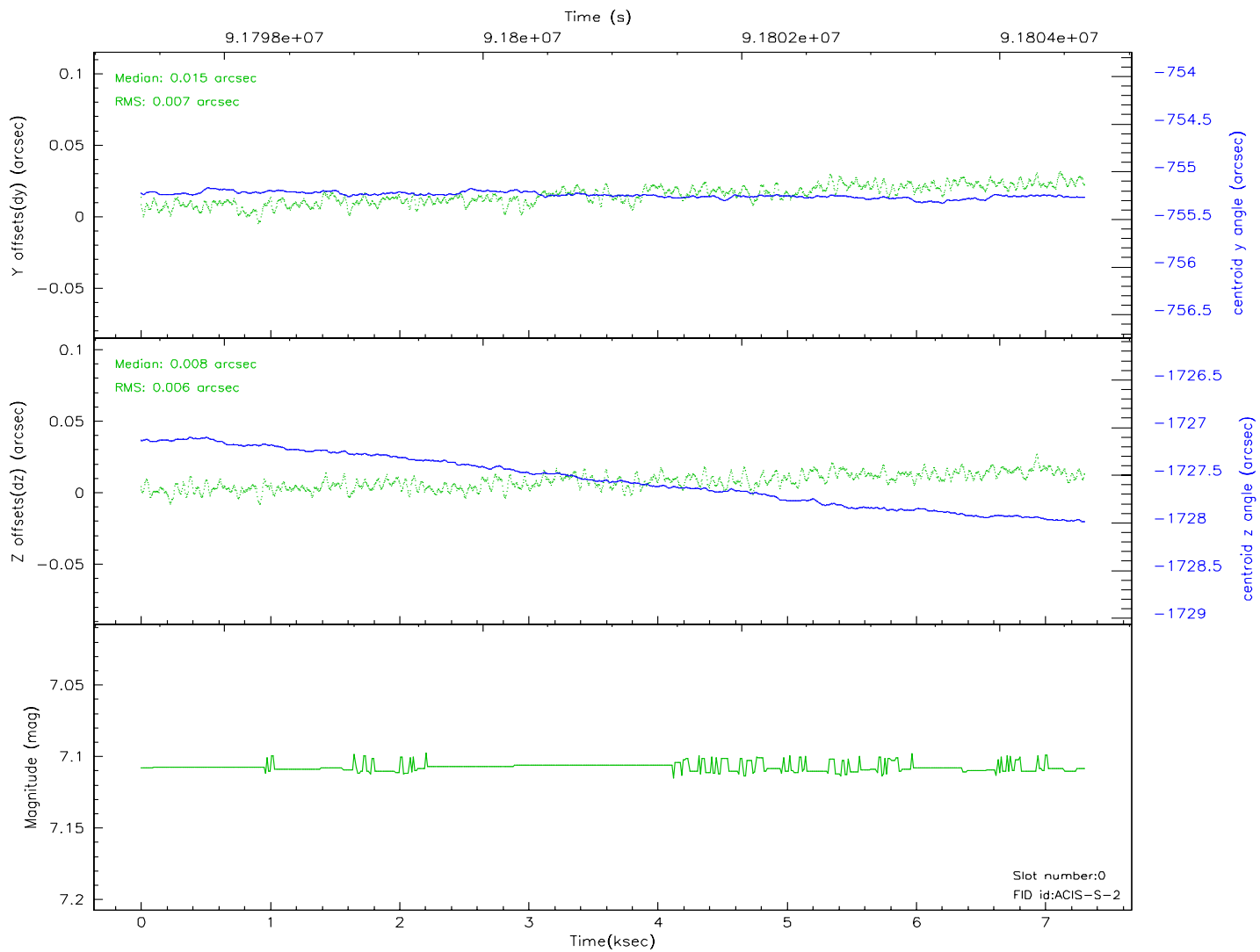
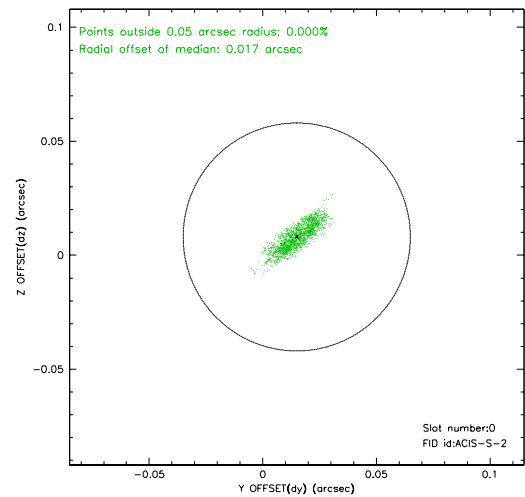
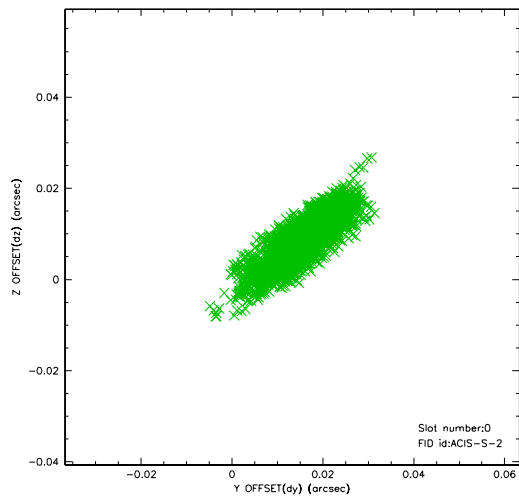


2.4.5 Slot 7

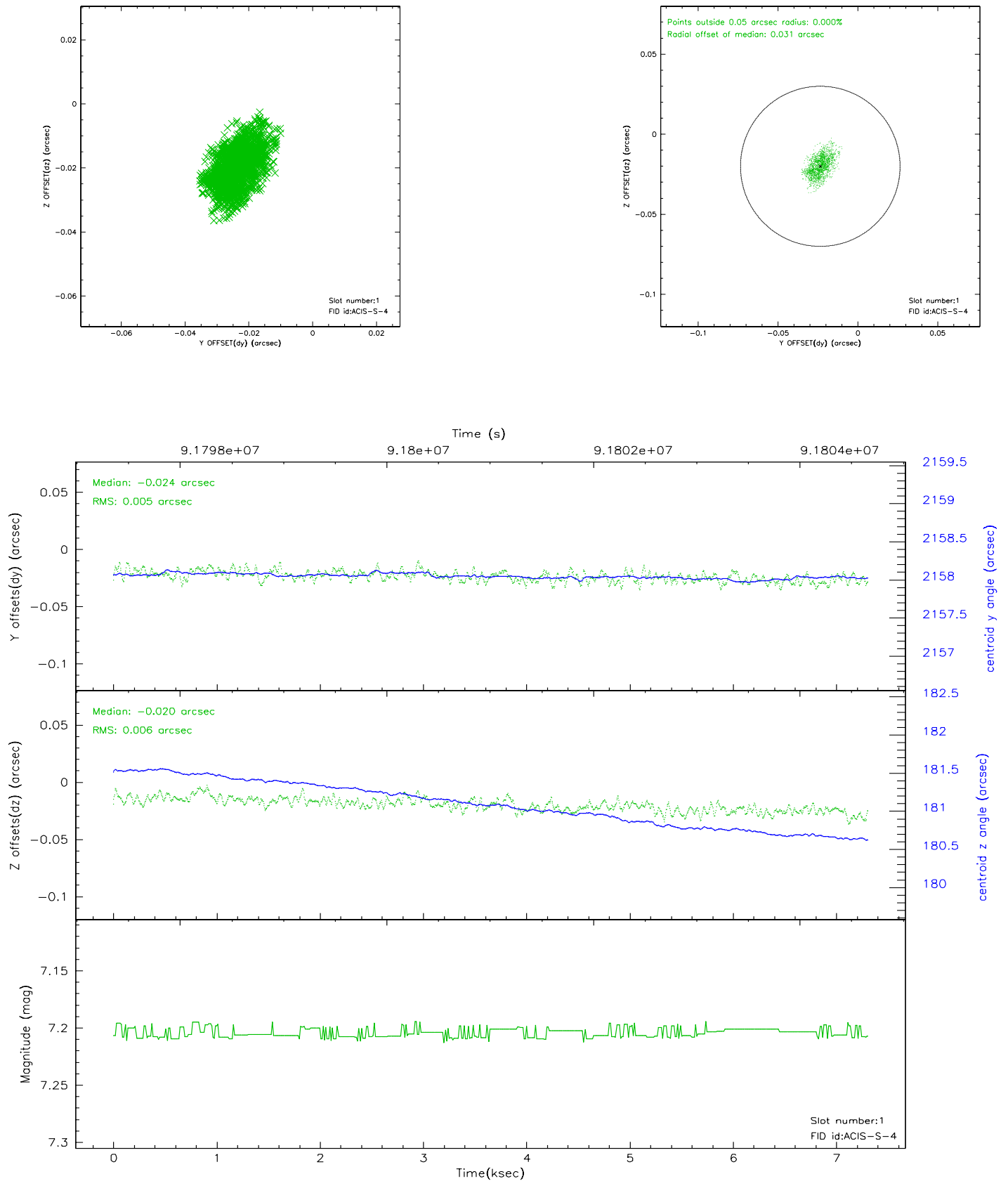


2.5 FID Slots

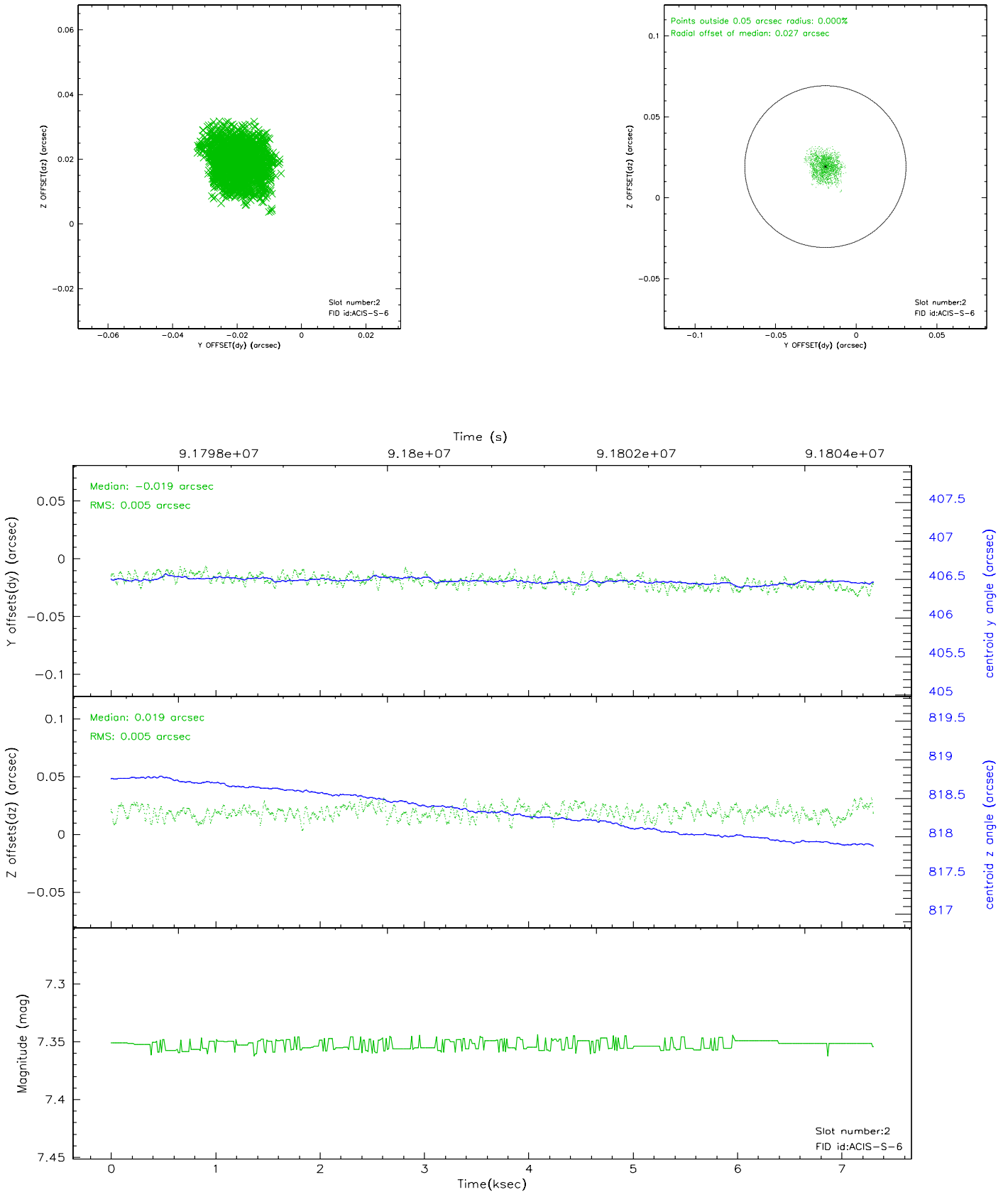
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.307

A.2 Comments