

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3049 - L2 Version 001
Chandra X-Ray Center

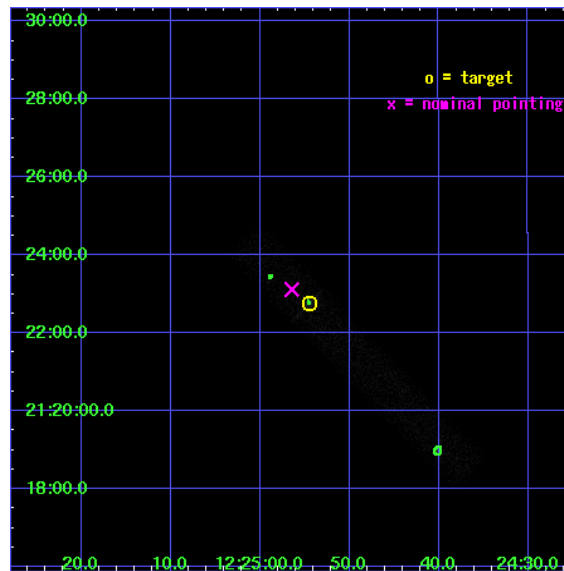
L2 Processing Date : Oct 12 2006

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1 Front

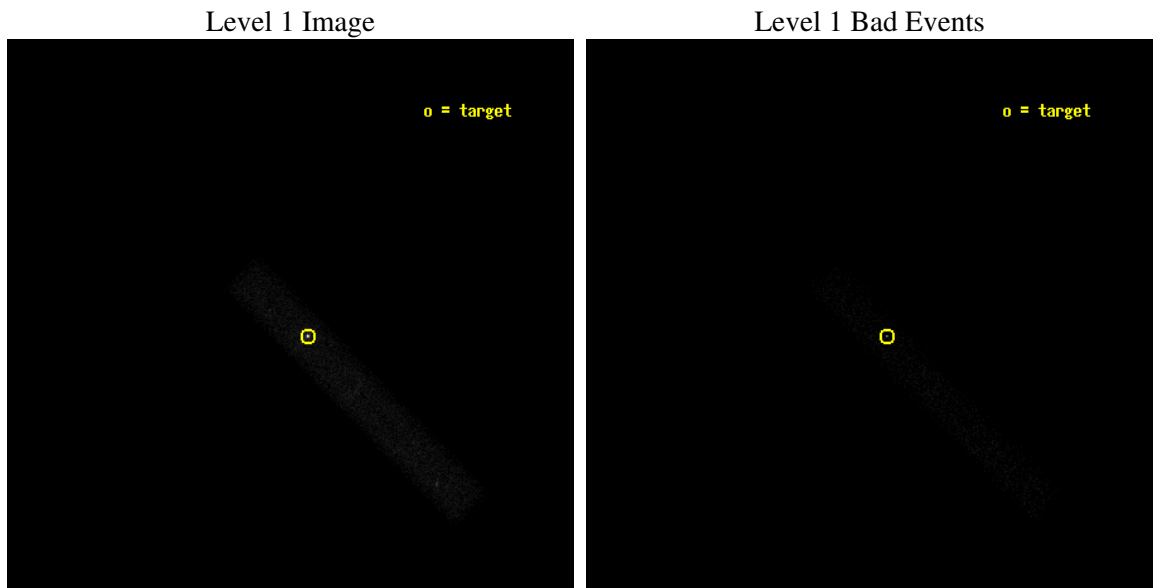
seq_num	700488
obs_id	3049
title	X-RAY IMAGING OF QUASAR JETS
observer	Professor Alan Marscher
object	1222+216
dtcycle	0
cycle	P
ra_targ	186.226667
dec_targ	21.37975
ra_nom	186.23517165775
dec_nom	21.385372812969
roll_nom	45.570026082825
revision	2
ontime	19709.159253657
livetime	17875.167108341
ontime7	19709.159253657
l2events	17914



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-12T02:10:13
revision	2

sched_exp_time	19300.000000
ontime	20158.359237939
ontime7	20158.359237939
l1events	30828

2.1.4 Events

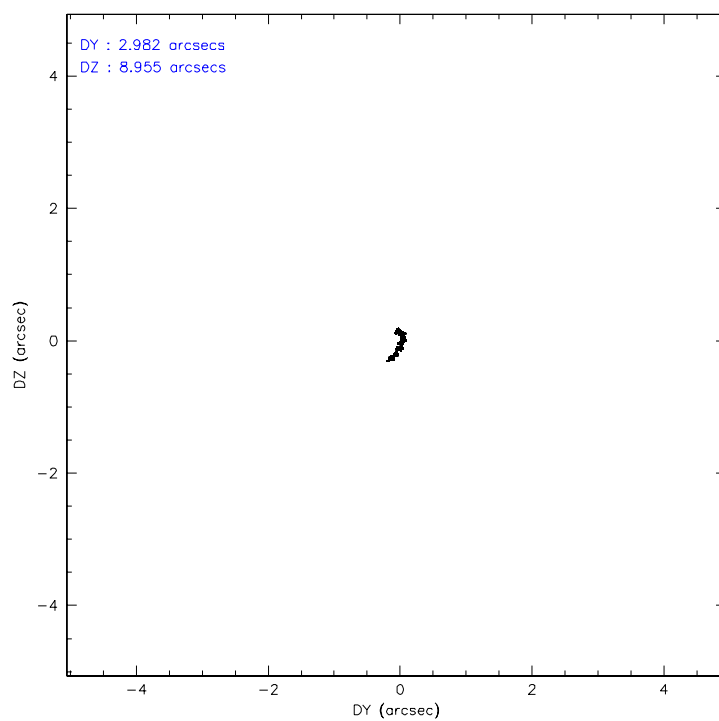
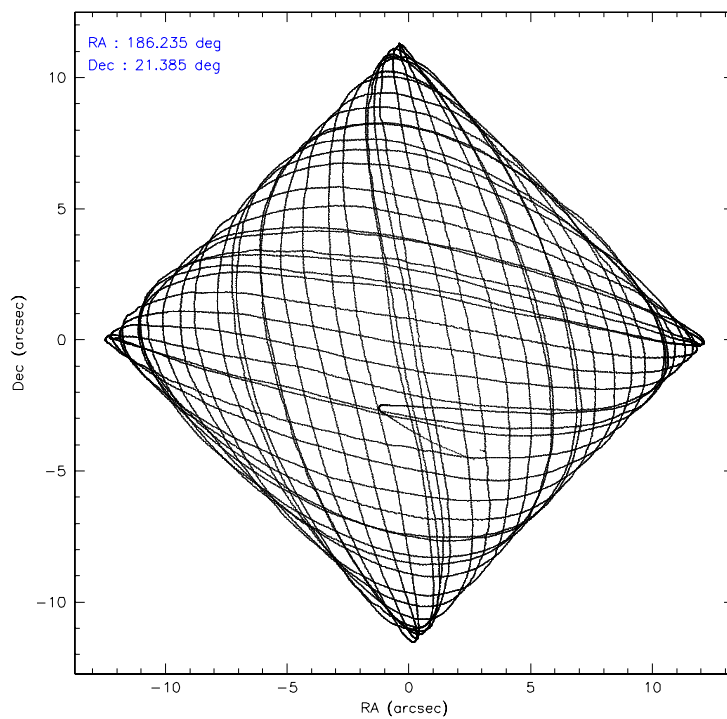
	ccd 7
level 1 events	30828
rejected events	12552
rejected %	40%

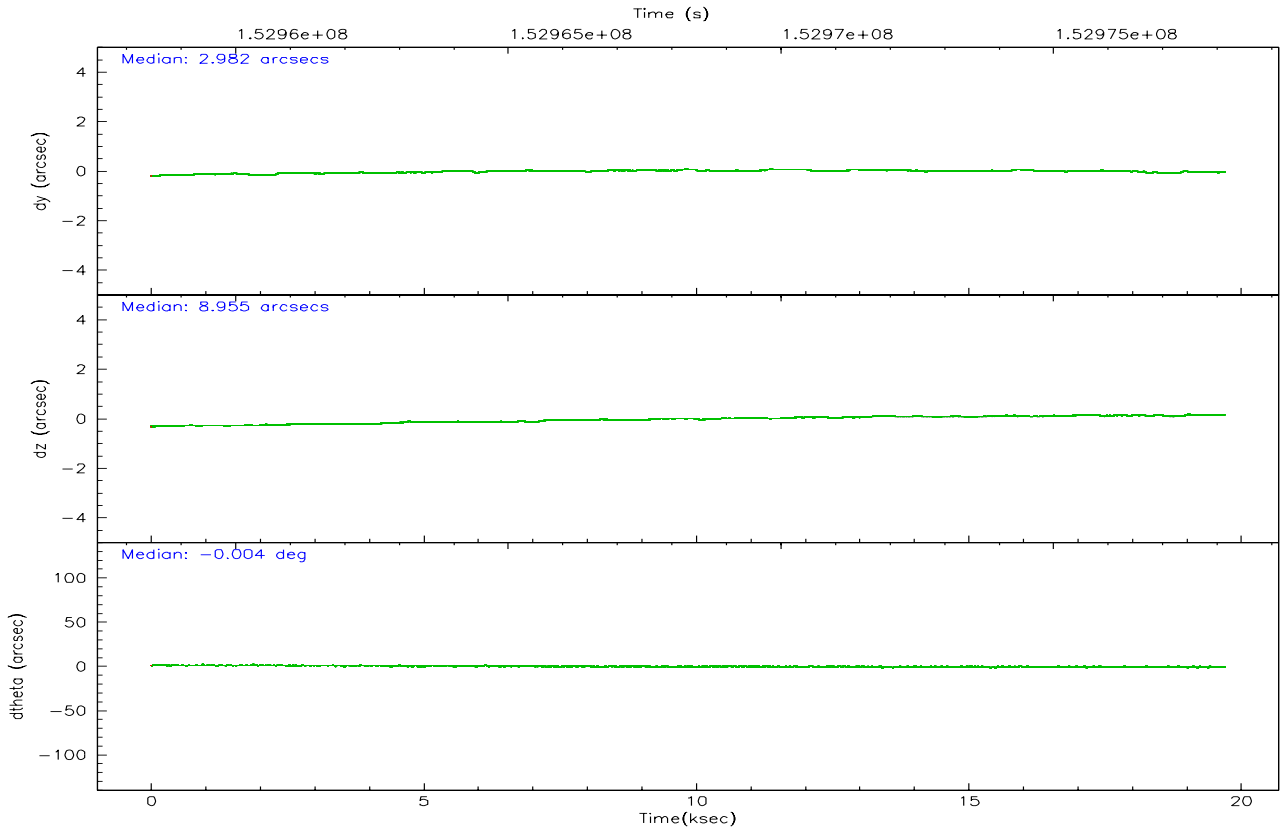
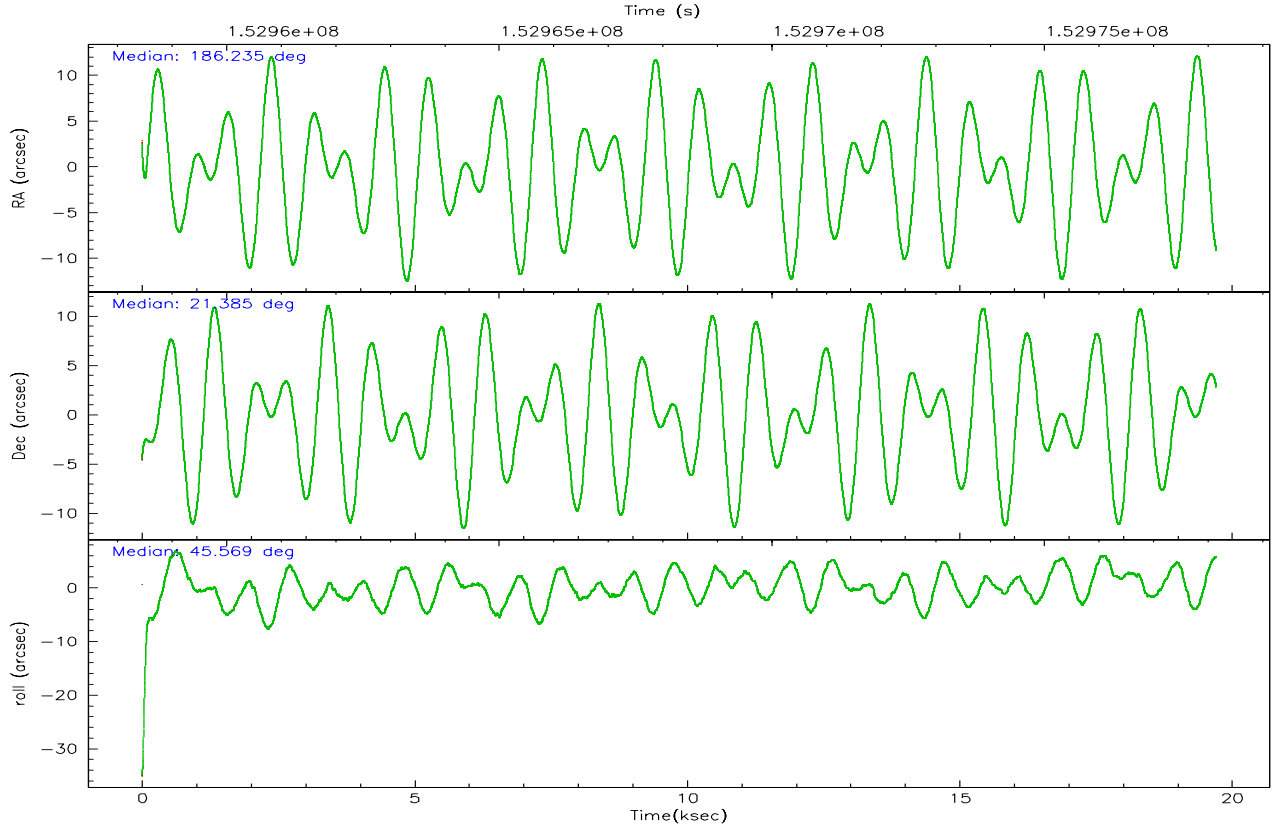
	ccd 7
grade 0 events	3669
	11%
grade 1 events	61
	0%
grade 2 events	4410
	14%
grade 3 events	2085
	6%
grade 4 events	1946
	6%
grade 5 events	1723
	5%
grade 6 events	6446
	20%
grade 7 events	10488
	34%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	186.228218	186.2351716577507	Subarray requested	1/8	1/8
Pointing Dec	21.358897	21.38537281296911	Subarray start row	0	449
Pointing Roll	45.415955	45.57002608282526	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	152958851.184000	152957769.77932			
Observation start date	2002-11-06T08:33:07	2002-11-06T08:16:09			
Observation end time	152978151.184000	152978939.6177			
Observation end date	2002-11-06T13:54:47	2002-11-06T14:08:59			
Read mode	TIMED	TIMED			

2.3 Aspect



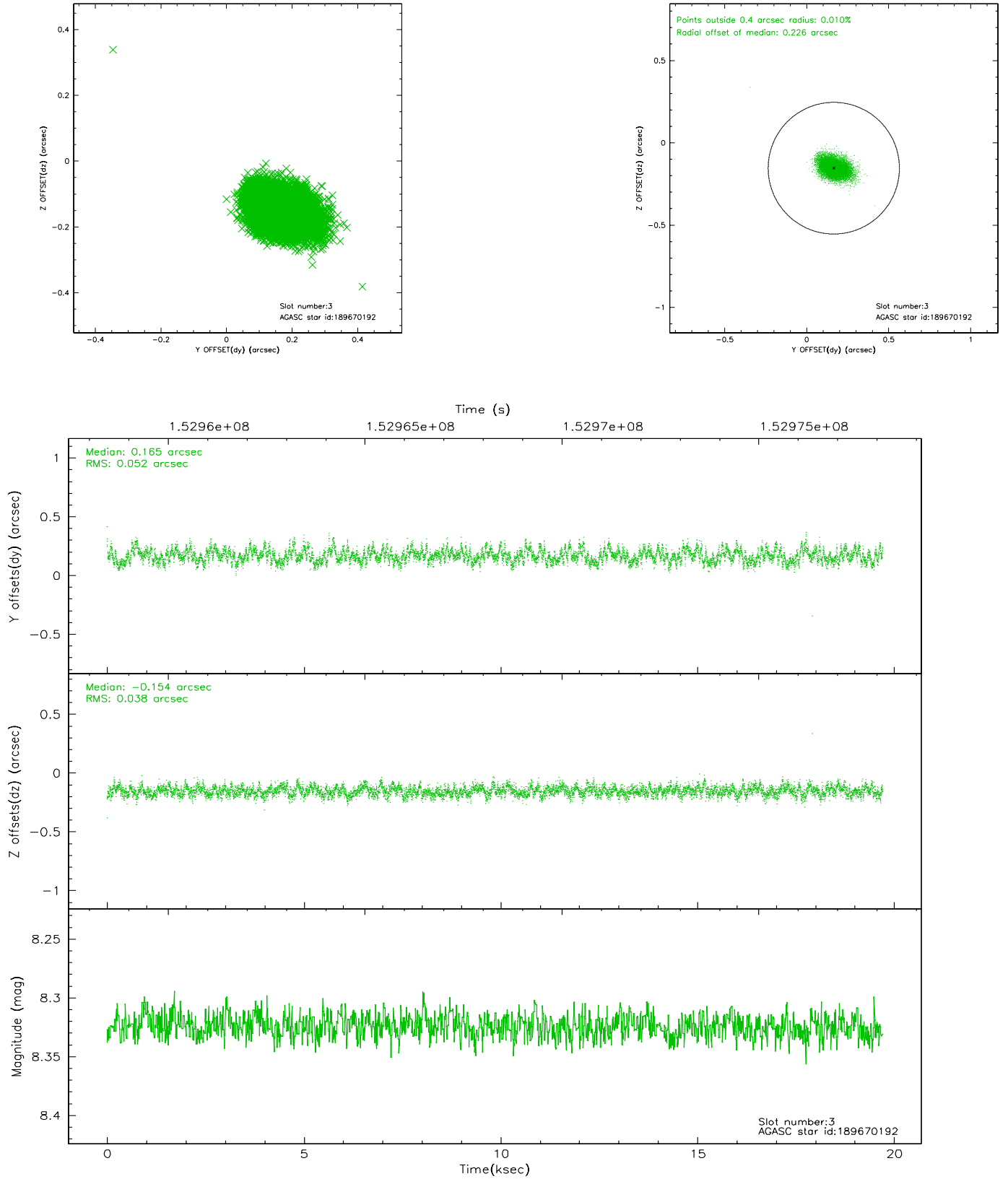


Slot Statistics

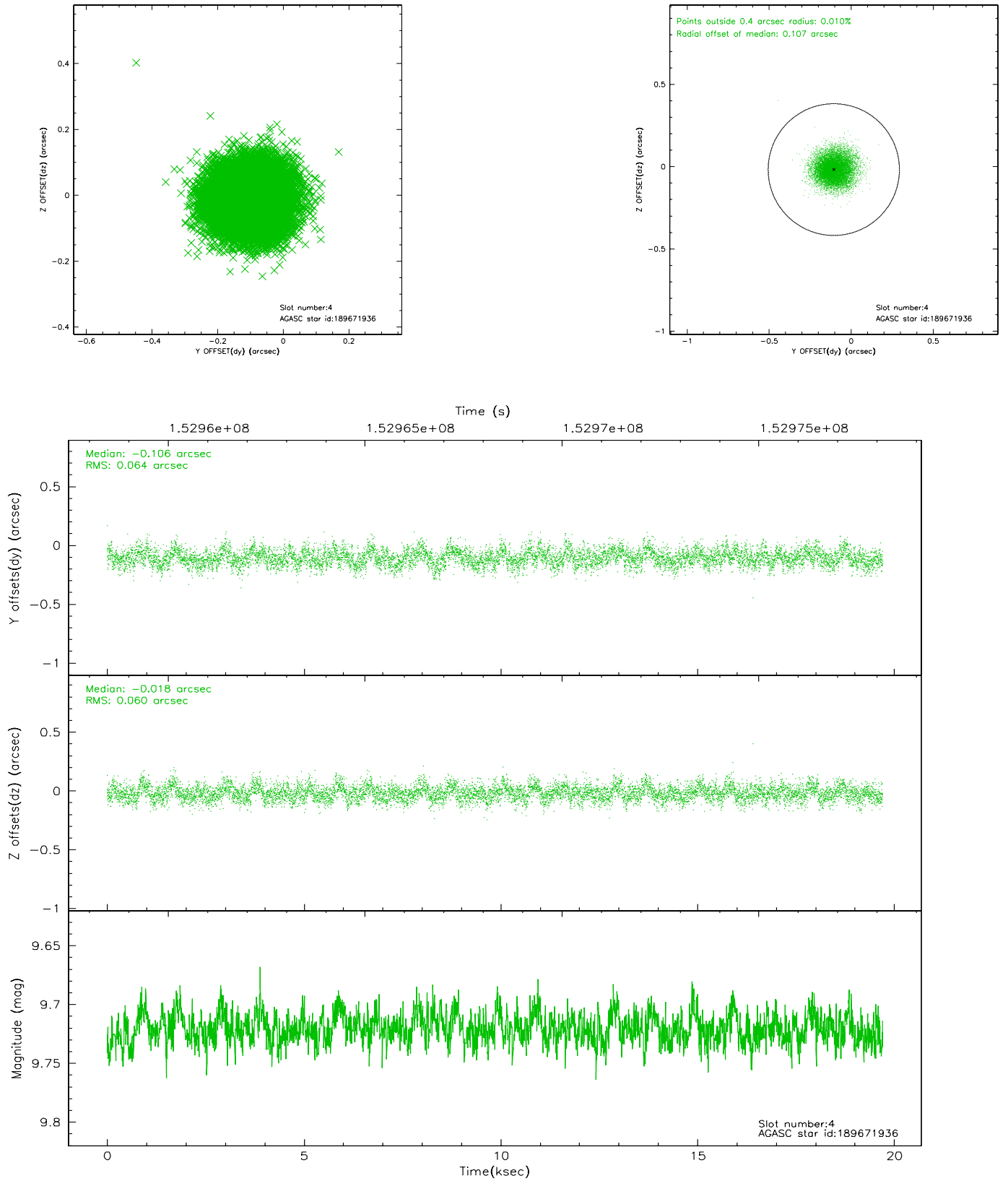
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4807	-0.009	0.017	0.007	0.011	0.000000	0.000000	-755.61	-1730.08
1	FID	ACIS-S-4	7.20	4807	-0.042	0.000	0.006	0.011	0.000000	0.000000	2157.54	178.20
2	FID	ACIS-S-5	7.24	4807	0.021	-0.008	0.007	0.011	0.000000	0.000000	-1808.18	172.07
3	GUIDE	189670192	8.32	9615	0.165	-0.154	0.069	0.113	185.414107	21.302772	-2055.67	1807.15
4	GUIDE	189671936	9.72	9614	-0.106	-0.018	0.094	0.152	186.395770	21.832299	1606.38	797.59
5	GUIDE	189673464	9.00	9616	-0.074	-0.103	0.075	0.120	186.126502	22.164808	1828.30	2278.01
6	GUIDE	189675776	9.57	9600	-0.145	0.407	0.114	0.180	186.784654	20.969099	316.17	-2314.49
7	GUIDE	189672384	9.92	9612	0.158	-0.132	0.135	0.209	185.836405	21.094900	-1599.16	270.74

2.4 Star Slots

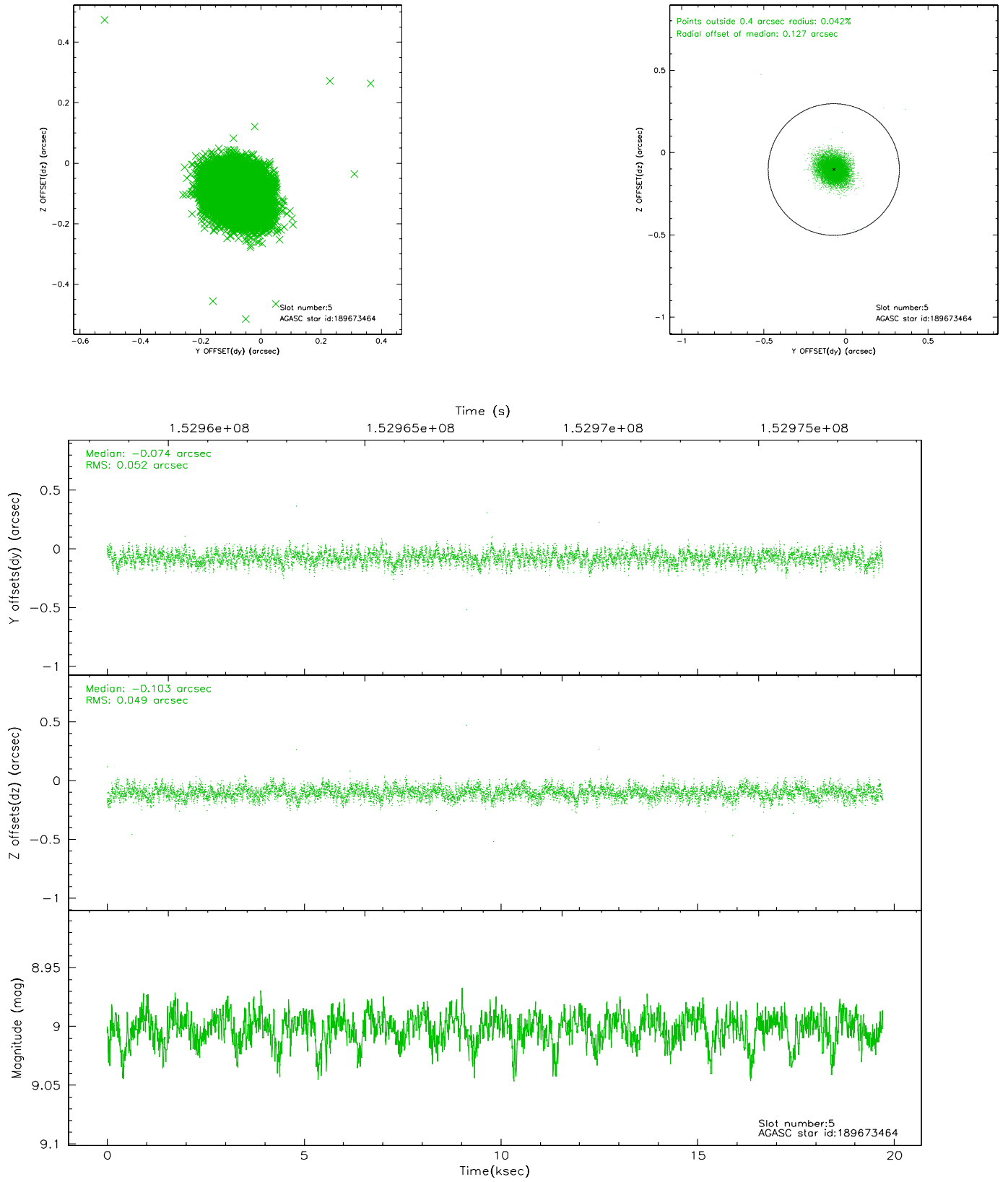
2.4.1 Slot 3



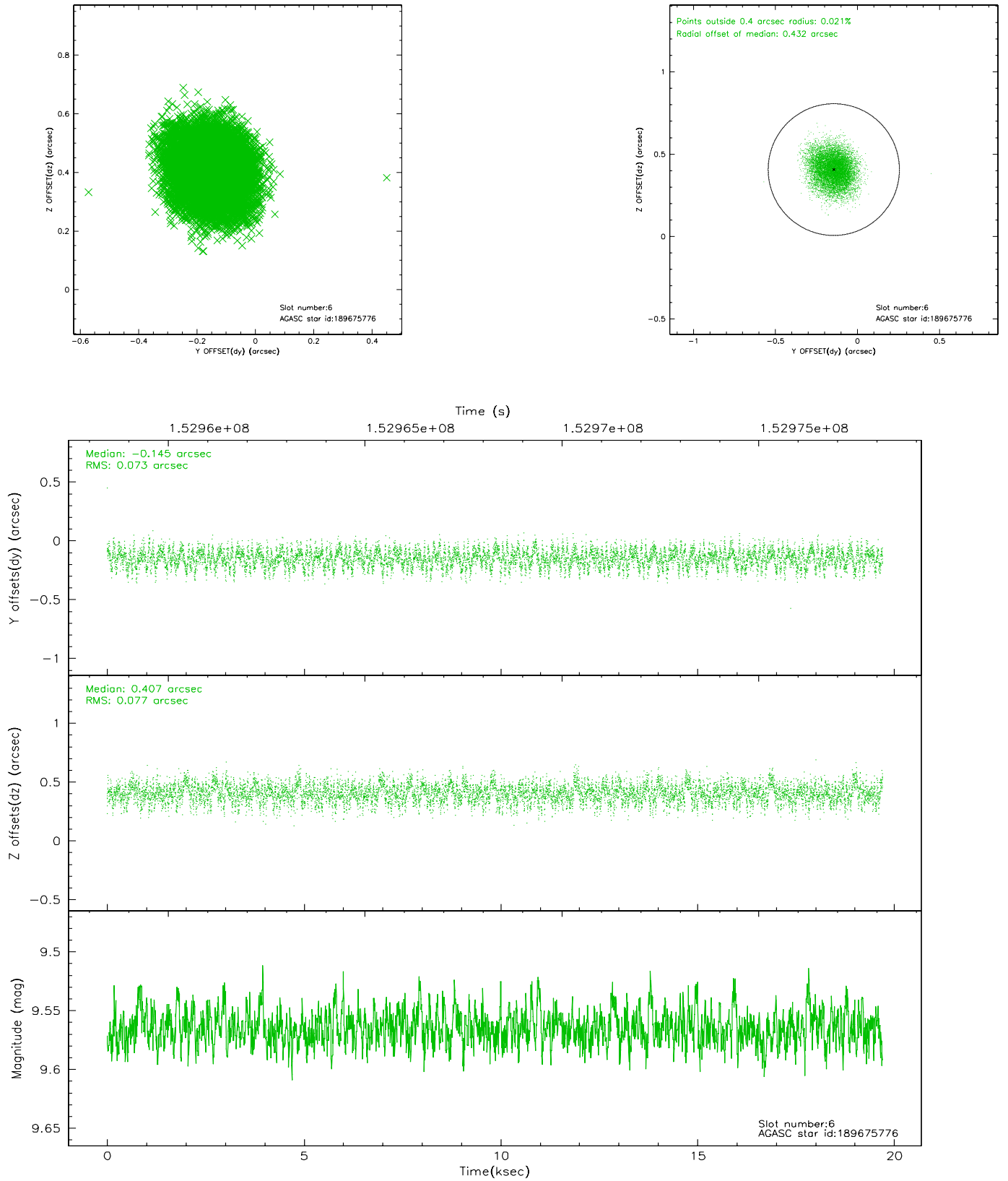
2.4.2 Slot 4



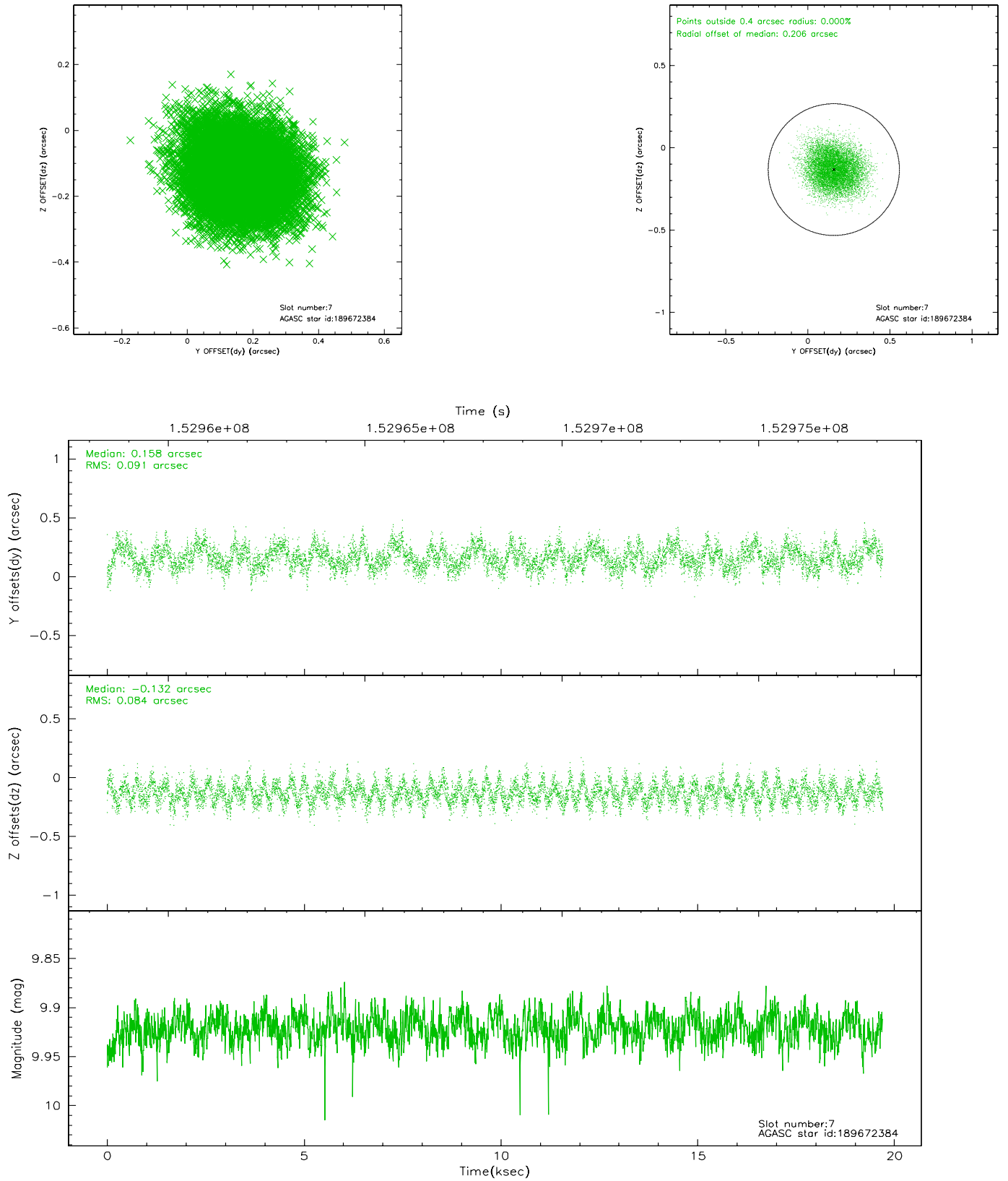
2.4.3 Slot 5



2.4.4 Slot 6

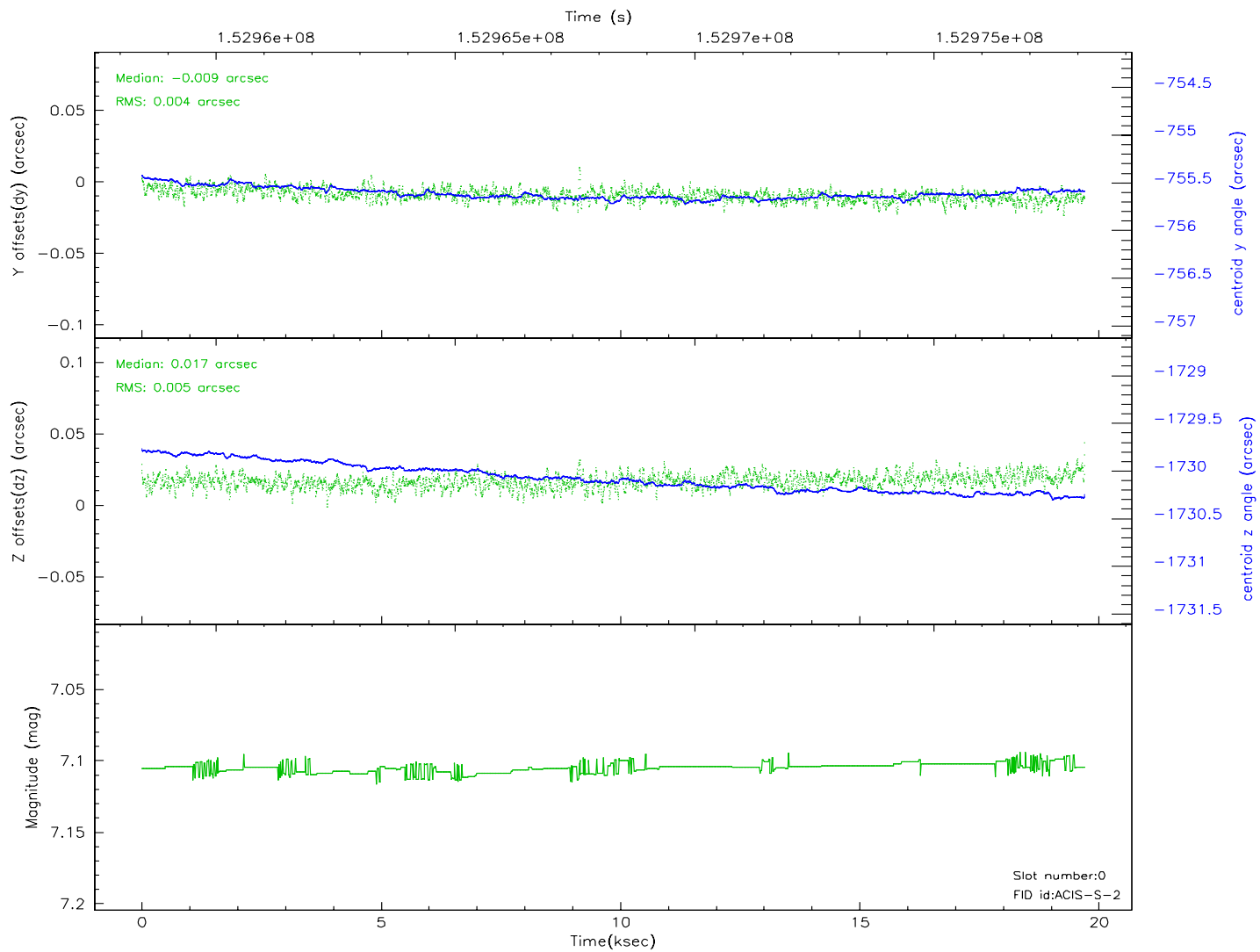
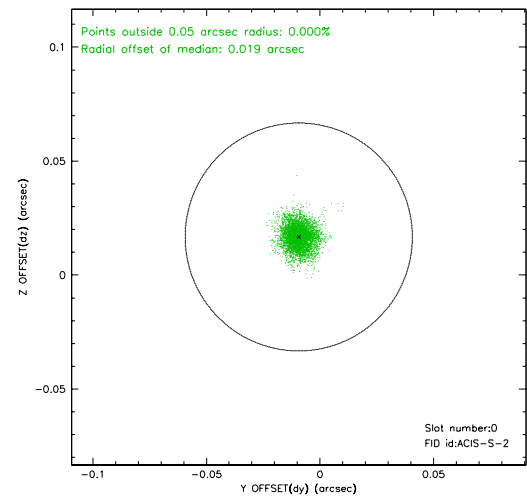
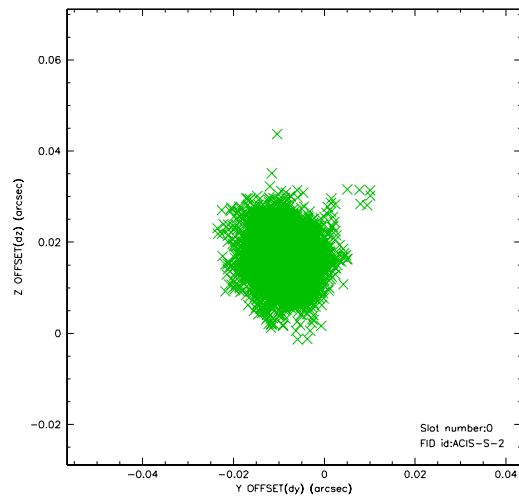


2.4.5 Slot 7

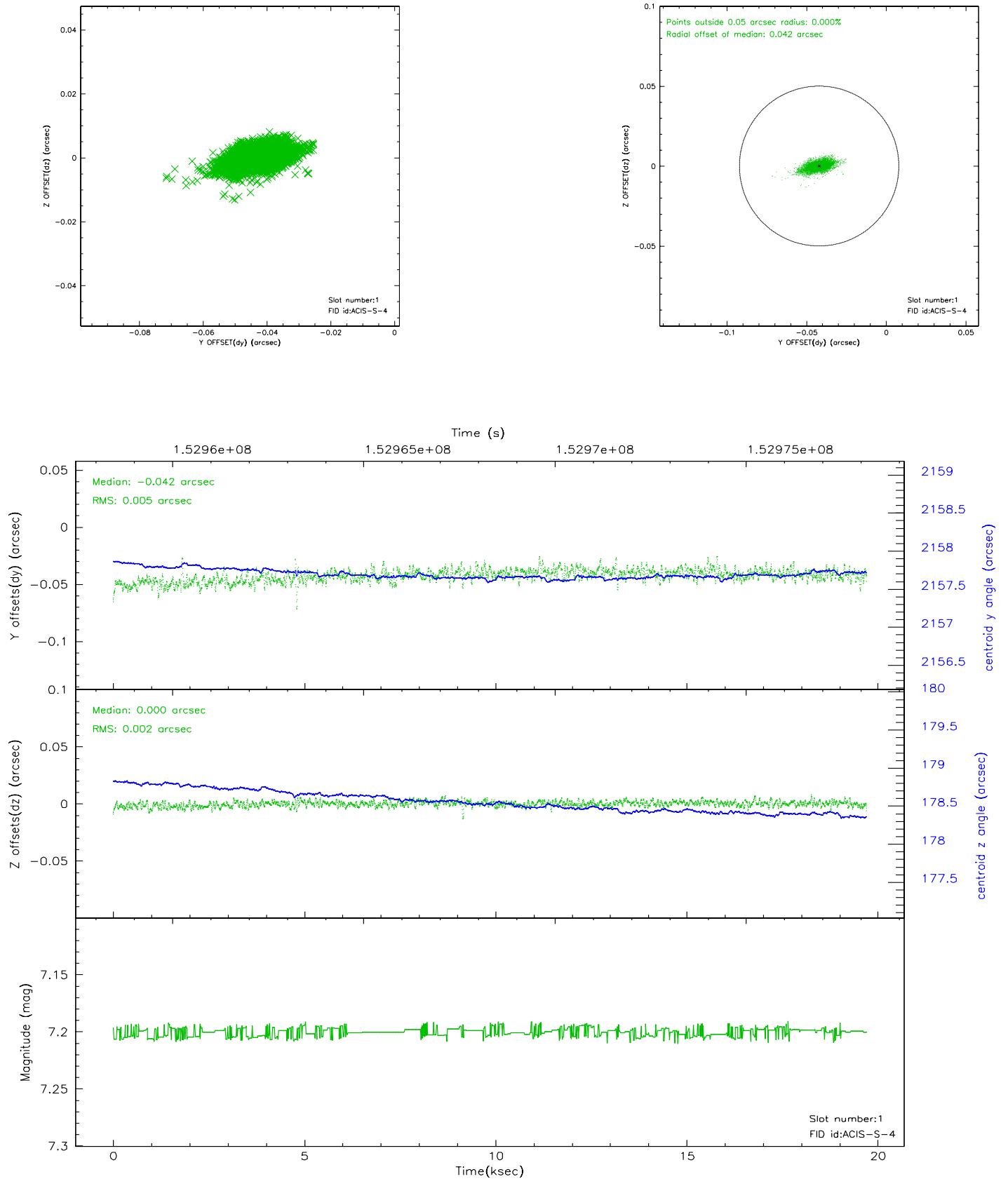


2.5 FID Slots

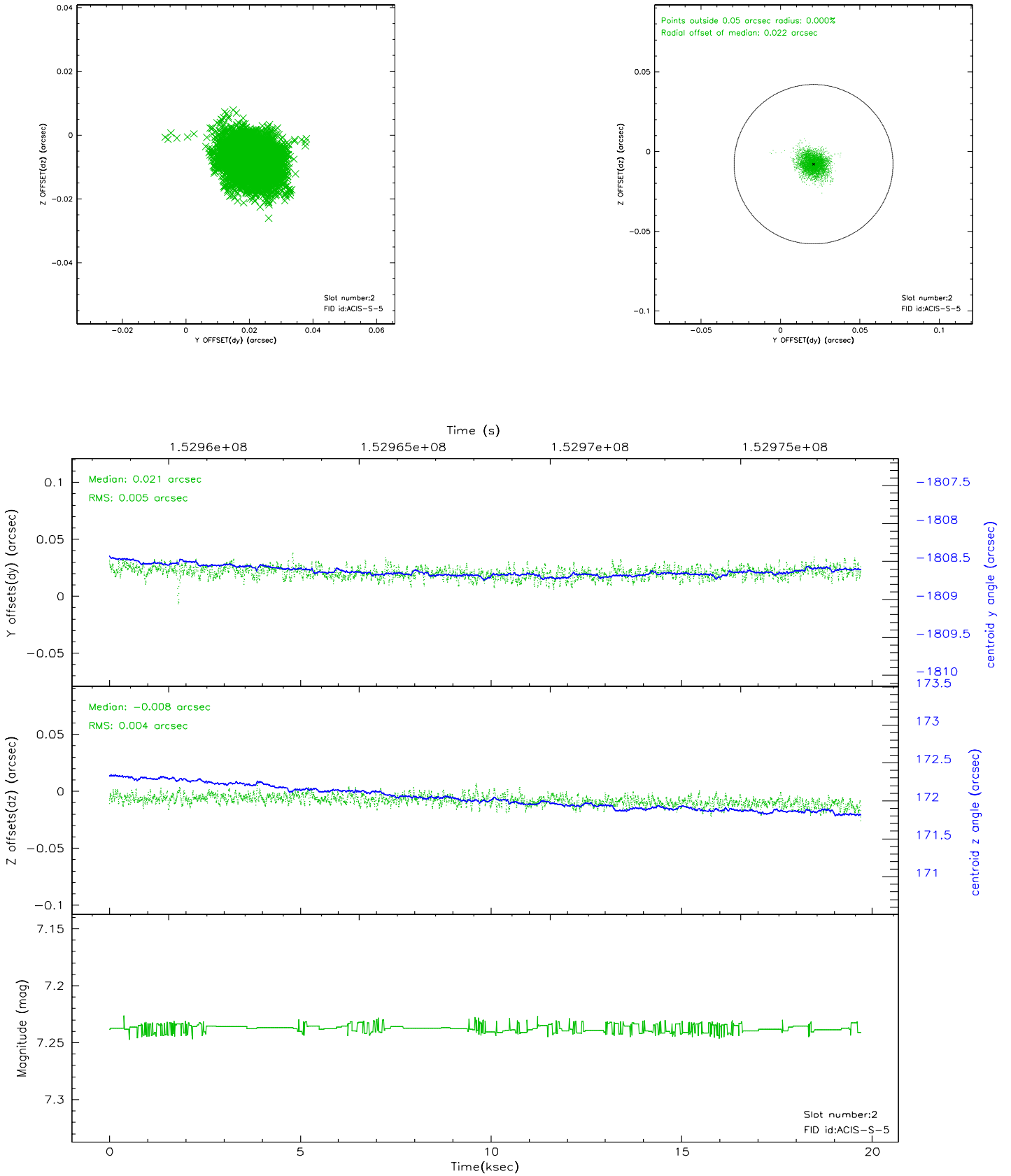
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

5.63 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.709

A.2 Comments