

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4618 - L2 Version 001
Chandra X-Ray Center

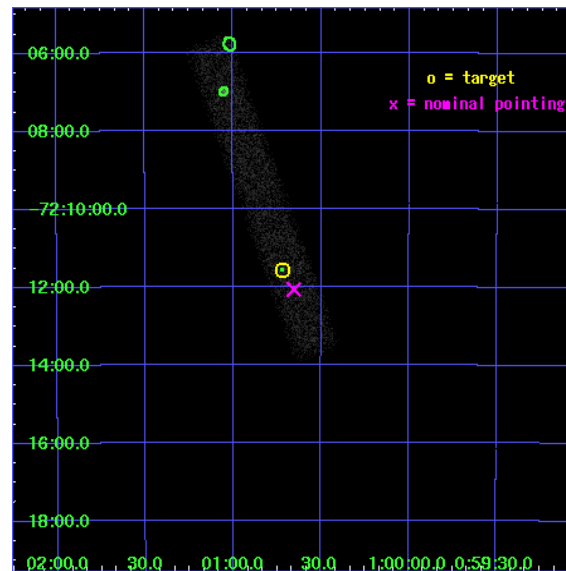
L2 Processing Date : Jun 4 2006

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1 Front

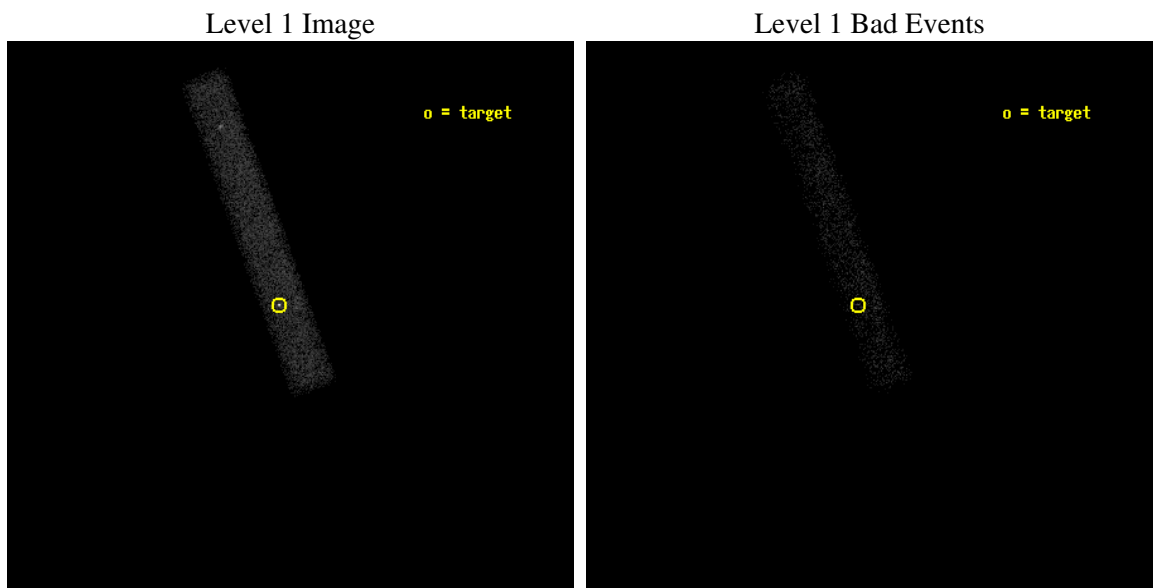
seq_num	500443
obs_id	4618
title	PRECISION TIMING OF A POSSIBLE NEW ANOMALOUS X-RAY PULSAR
observer	Prof. Bryan Gaensler
object	CXOU J010043.1-721134
dtcycle	0
cycle	P
ra_targ	15.179583
dec_targ	-72.192722
ra_nom	15.163742958469
dec_nom	-72.201112976048
roll_nom	250.10874208346
revision	2
ontime	16542.400246501
livetime	15003.083844097
ontime7	16542.400246501
l2events	9170



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T02:59:22
revision	2

sched_exp_time	16397.912000
ontime	18152.544692993
ontime7	18152.544692993
l1events	21459

2.1.4 Events

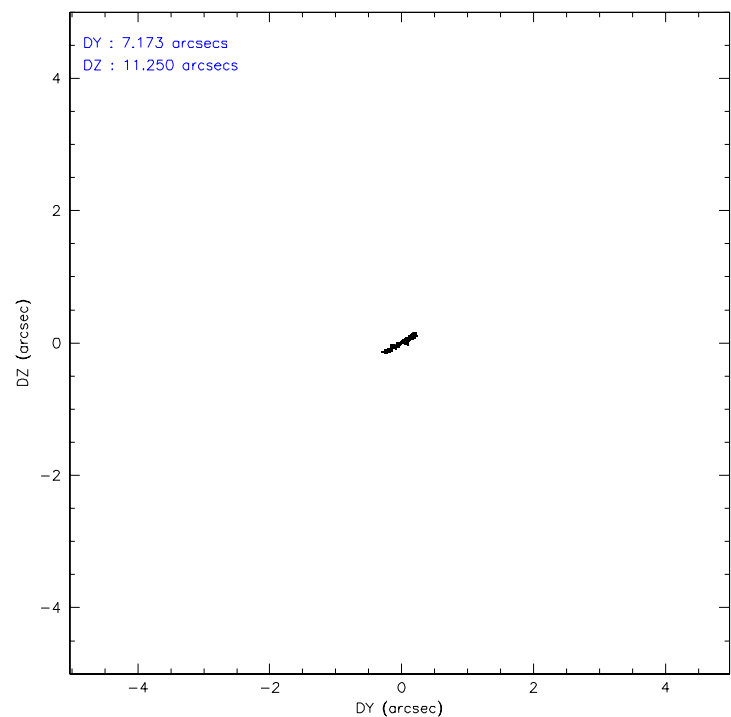
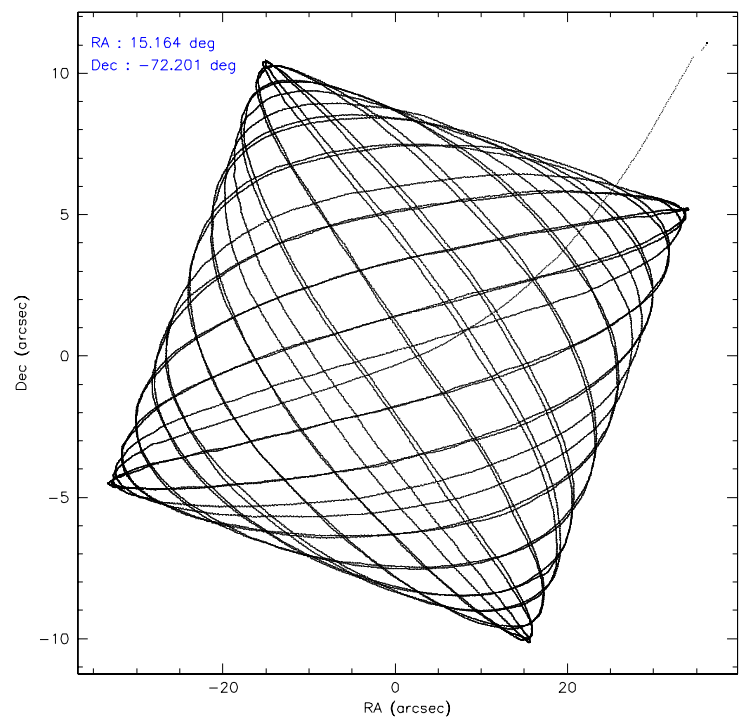
	ccd 7
level 1 events	21459
rejected events	11982
rejected %	55%

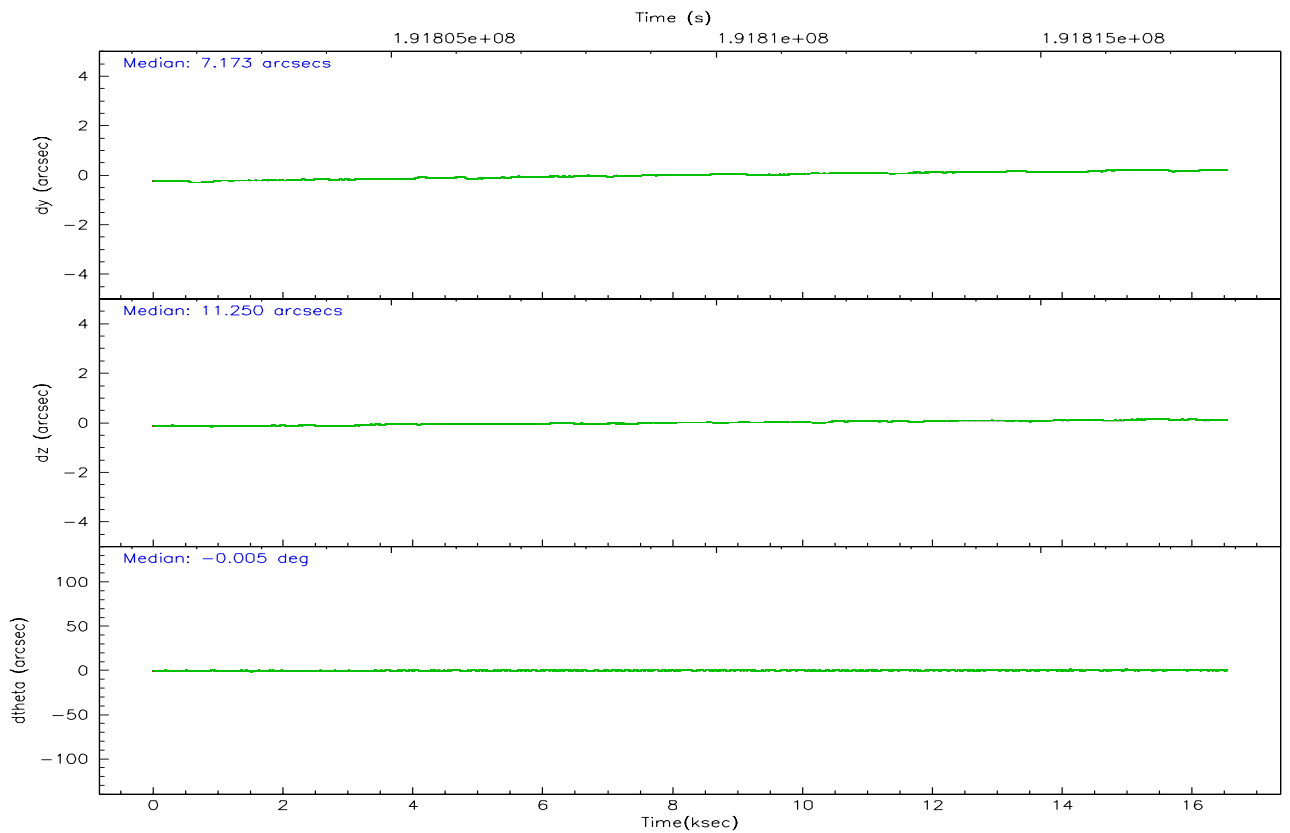
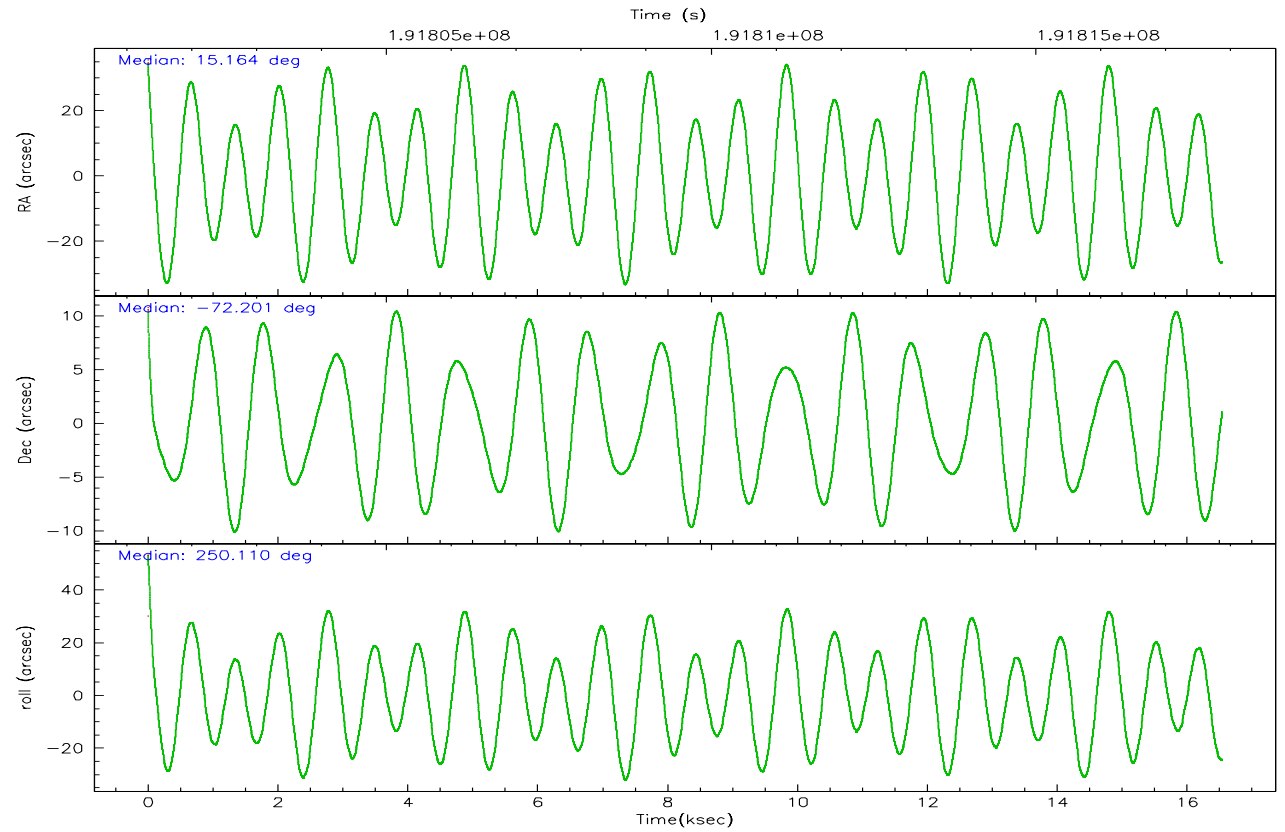
	ccd 7
grade 0 events	1151
	5%
grade 1 events	14
	0%
grade 2 events	2450
	11%
grade 3 events	1129
	5%
grade 4 events	1004
	4%
grade 5 events	1405
	6%
grade 6 events	4500
	20%
grade 7 events	9806
	45%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	15.146993	15.16374295846876	Subarray start row	0	449
Pointing Dec	-72.174375	-72.20111297604826	Subarray row count	1024	128
Pointing Roll	249.936157	250.1087420834626	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	191801471.184000	191799716.9568			
Observation start date	2004-01-29T22:10:07	2004-01-29T21:41:56			
Observation end time	191817869.184000	191819206.82015			
Observation end date	2004-01-30T02:43:25	2004-01-30T03:06:46			
Read mode	TIMED	TIMED			

2.3 Aspect



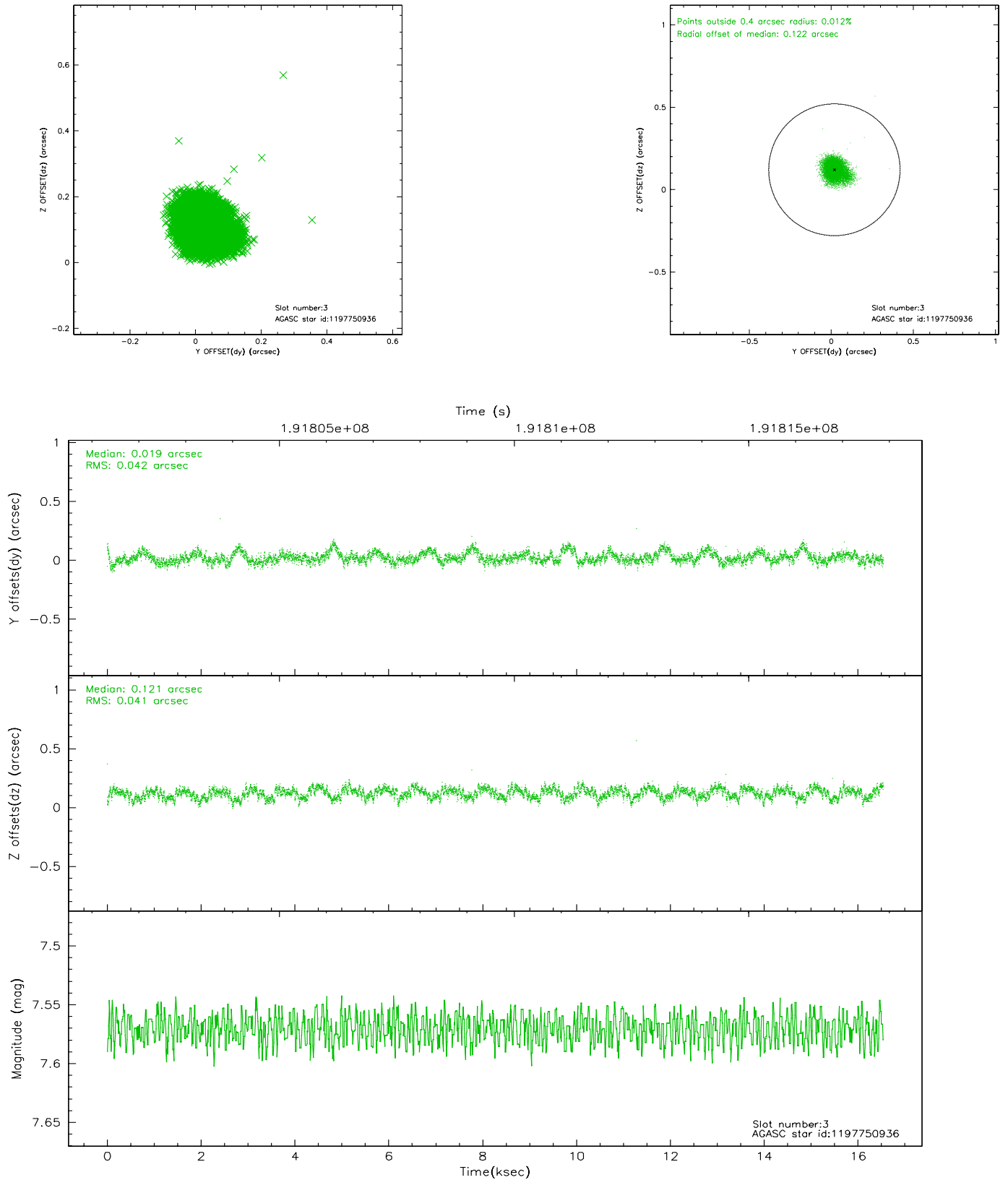


Slot Statistics

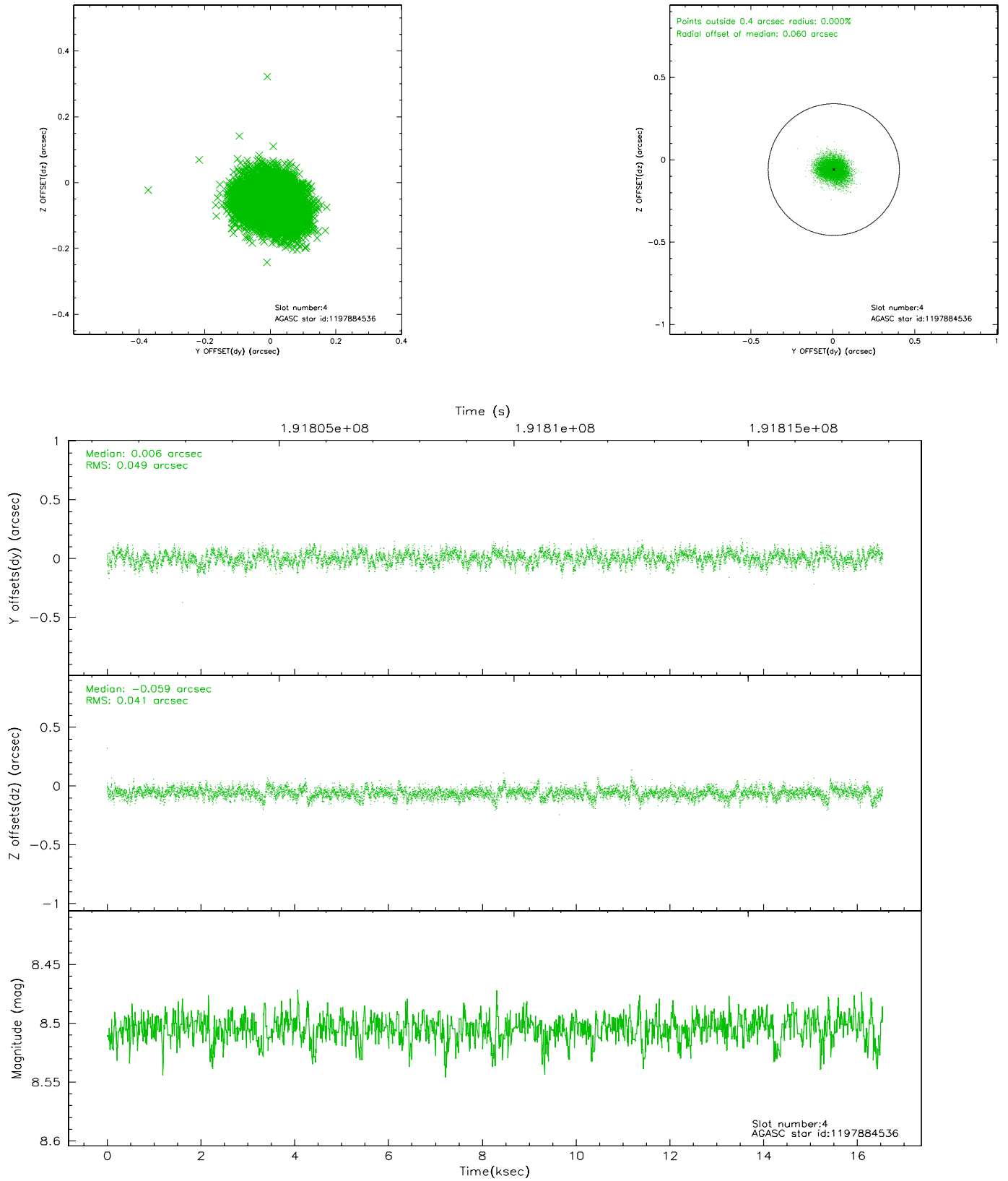
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4036	-0.016	0.022	0.009	0.024	0.000000	0.000000	-759.92	-1732.47
1	FID	ACIS-S-4	7.20	4036	0.000	0.002	0.008	0.031	0.000000	0.000000	2153.24	175.77
2	FID	ACIS-S-5	7.23	4036	-0.018	-0.014	0.008	0.014	0.000000	0.000000	-1812.45	169.66
3	GUIDE	1197750936	7.57	8071	0.019	0.121	0.062	0.101	15.387940	-71.549550	-2206.41	-513.11
4	GUIDE	1197884536	8.50	8069	0.006	-0.059	0.068	0.111	17.160729	-71.835289	-1886.66	1716.88
5	GUIDE	1197884712	8.30	8068	0.037	0.045	0.059	0.091	16.087398	-72.252690	-81.83	1069.34
6	GUIDE	1197885328	7.23	8071	0.018	-0.087	0.050	0.086	16.283090	-71.733943	-1918.08	664.96
7	GUIDE	1198189696	7.36	8069	-0.088	-0.016	0.053	0.083	15.223750	-72.697522	1740.56	723.73

2.4 Star Slots

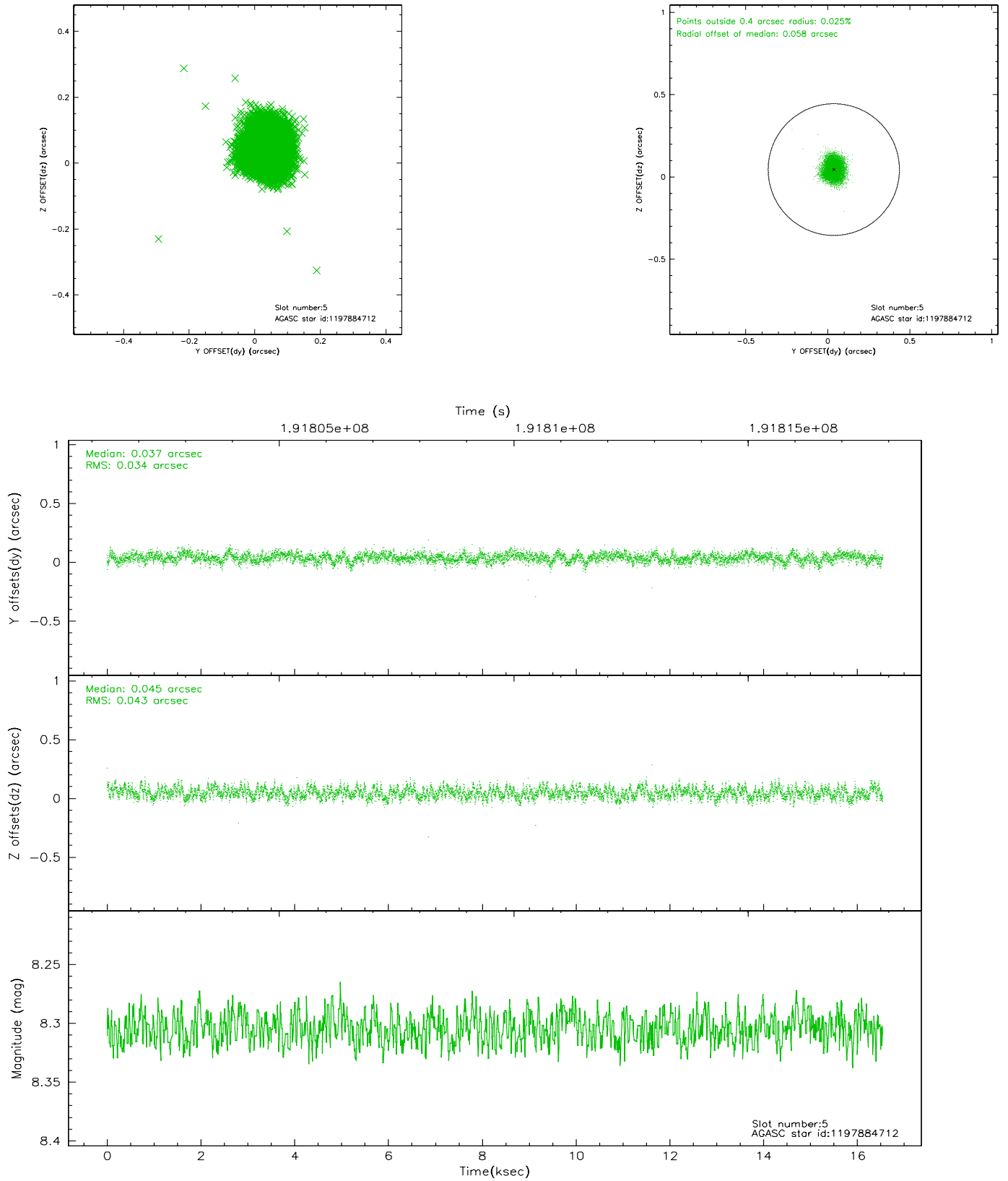
2.4.1 Slot 3



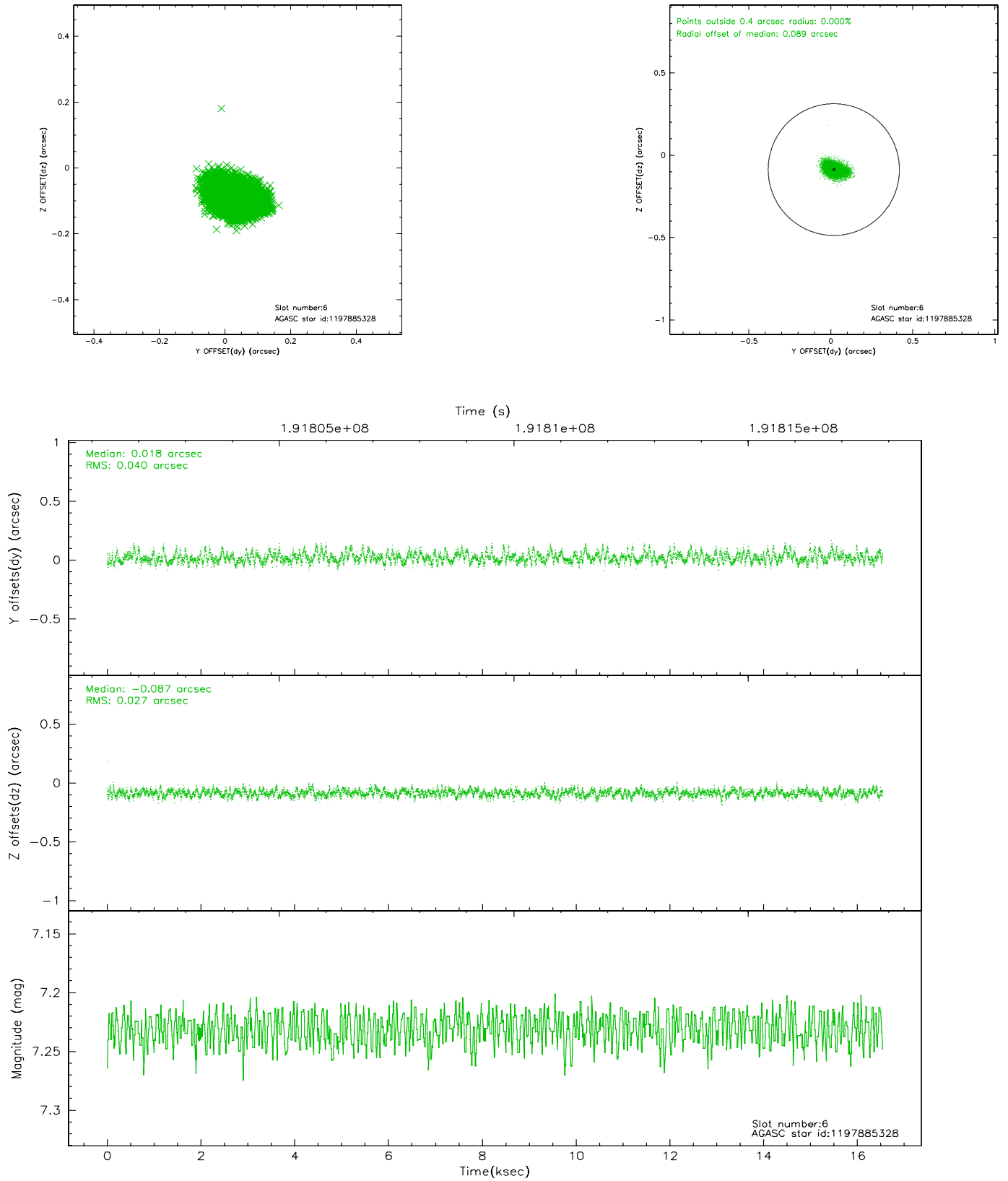
2.4.2 Slot 4



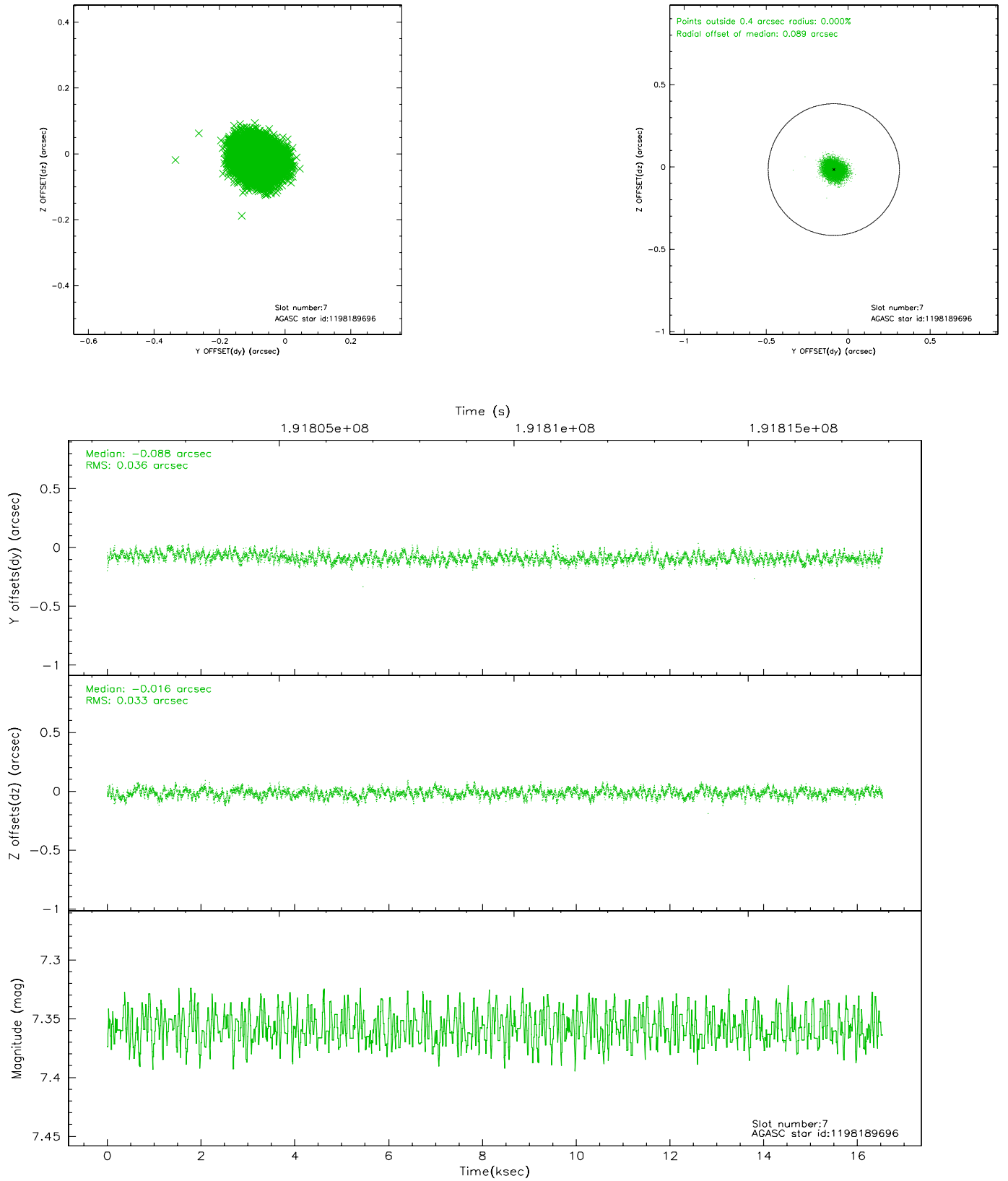
2.4.3 Slot 5



2.4.4 Slot 6

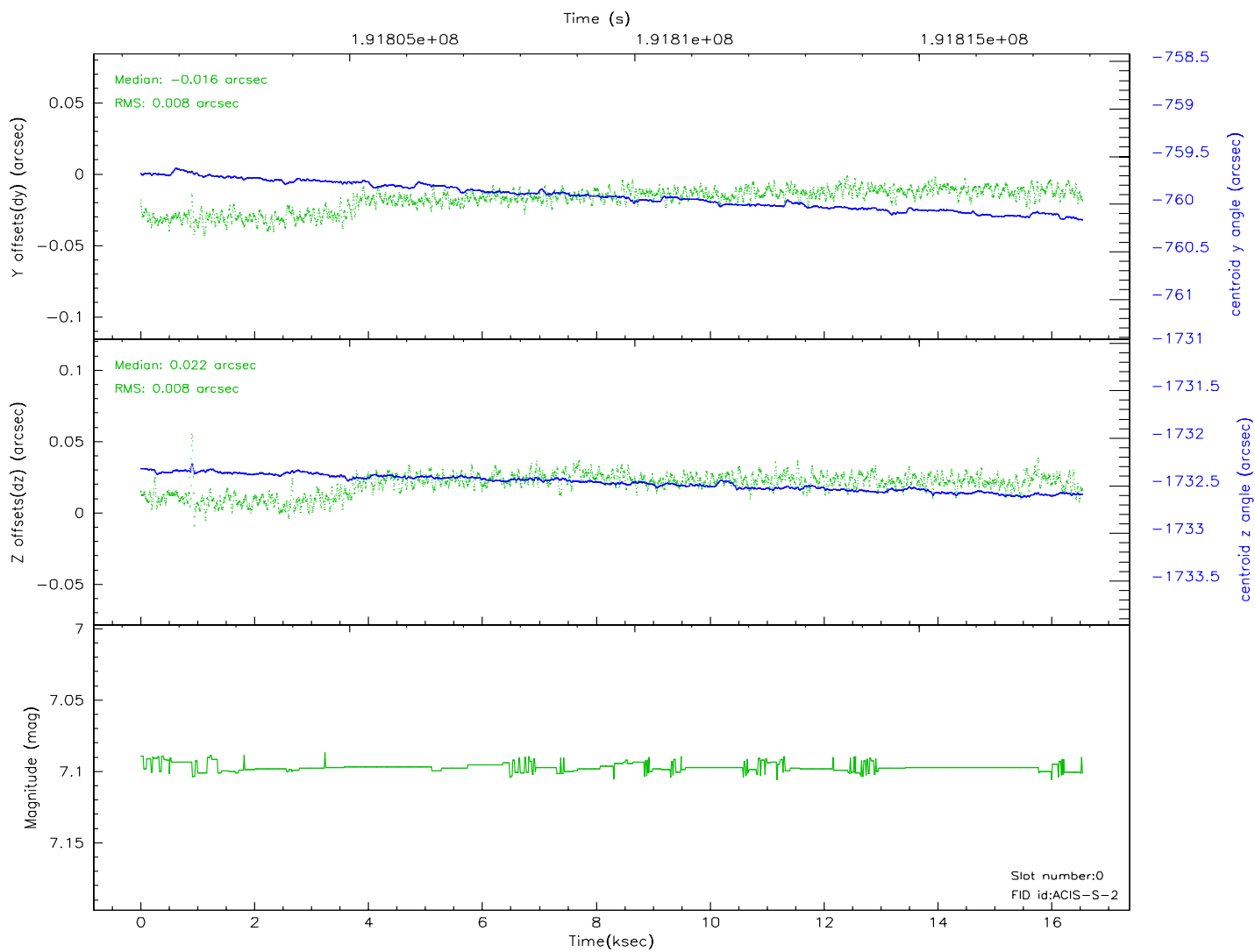
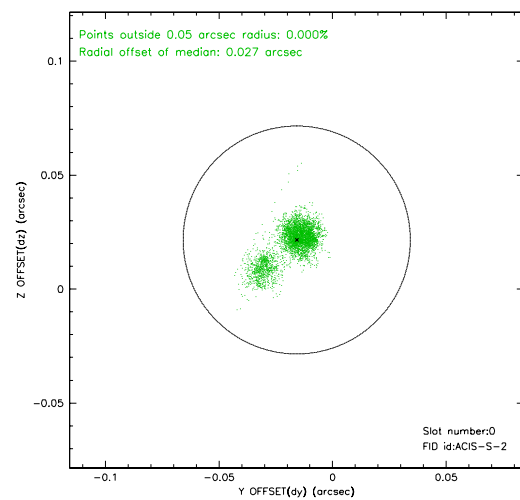
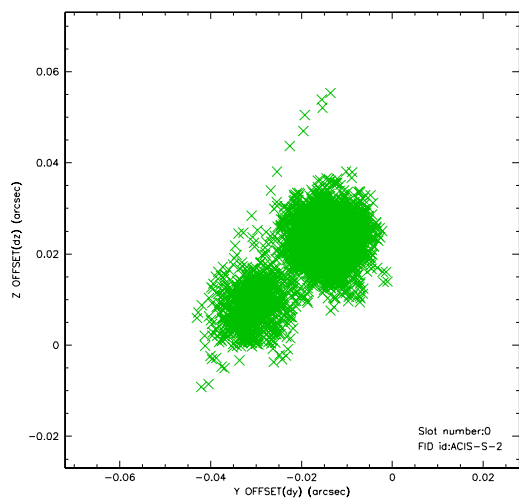


2.4.5 Slot 7

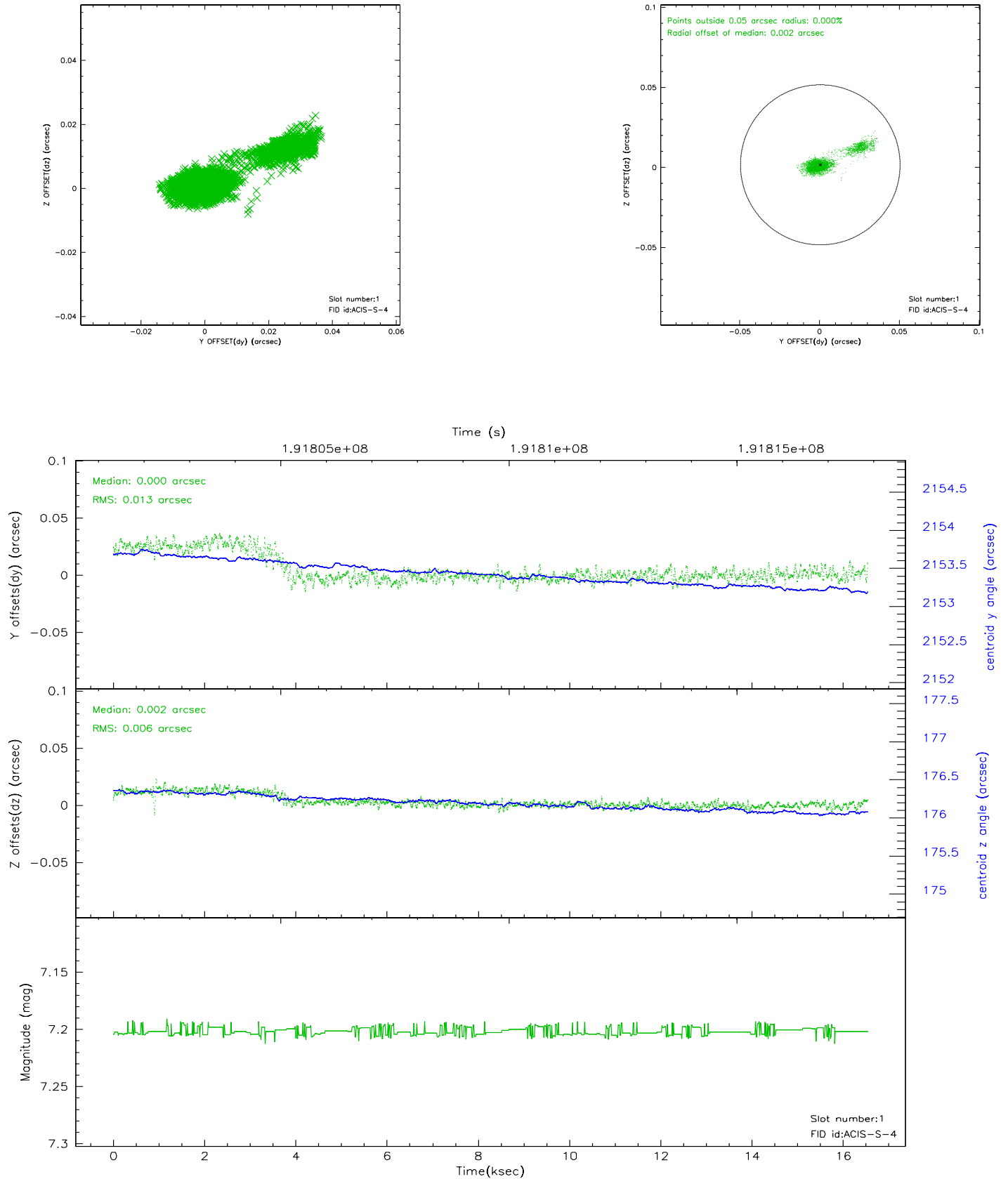


2.5 FID Slots

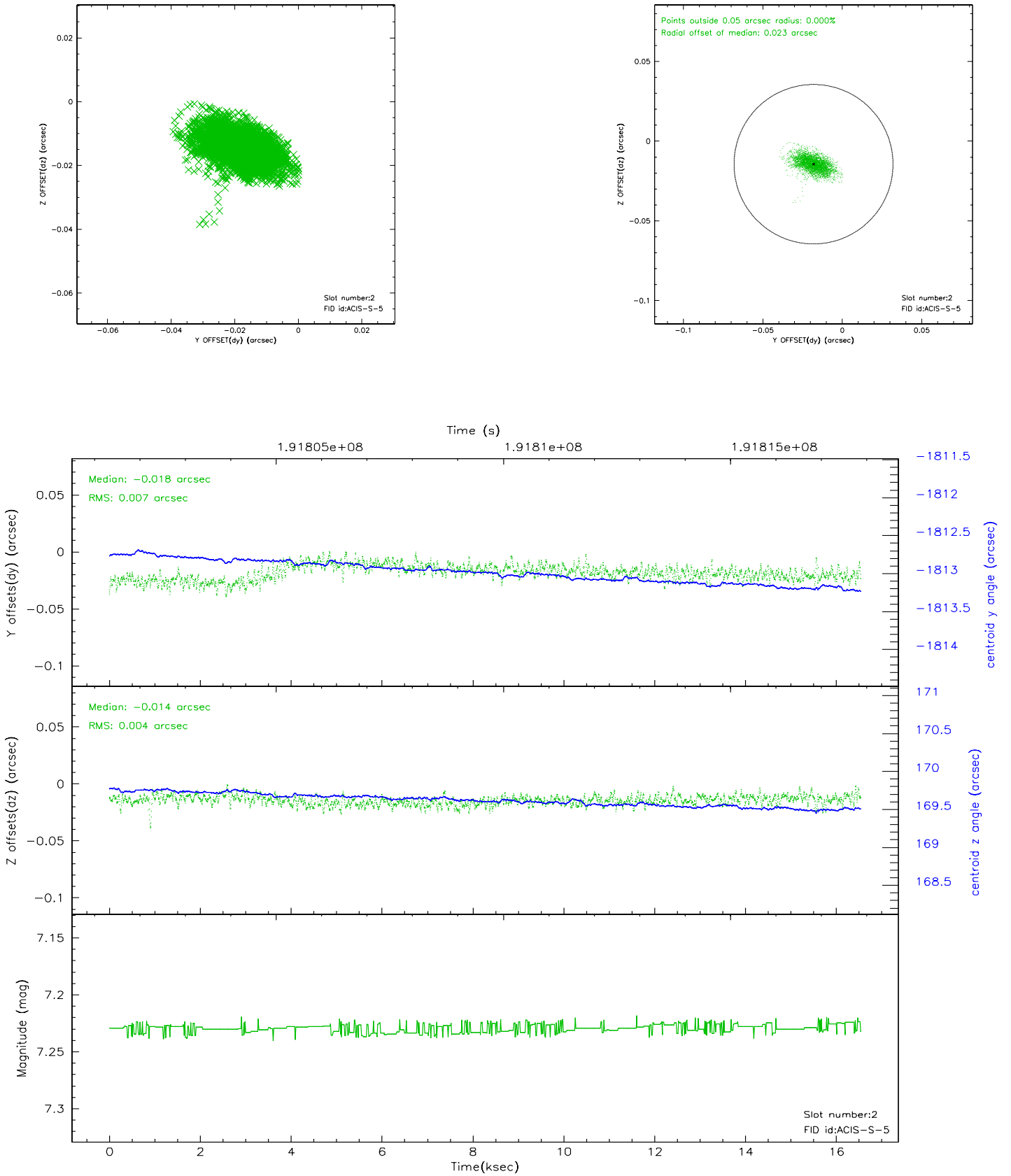
2.5.1 Slot 0



2.5.2 Slot 1

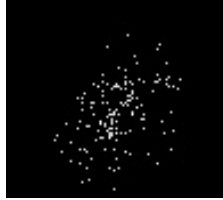


2.5.3 Slot 2



3 Point Sources

5.39 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.542

A.2 Comments

Monitor constraint met.