

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2134 - L2 Version 001
Chandra X-Ray Center

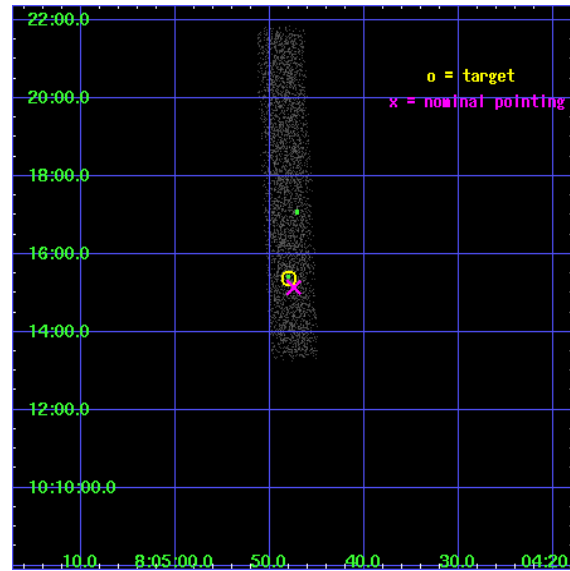
L2 Processing Date : Nov 7 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

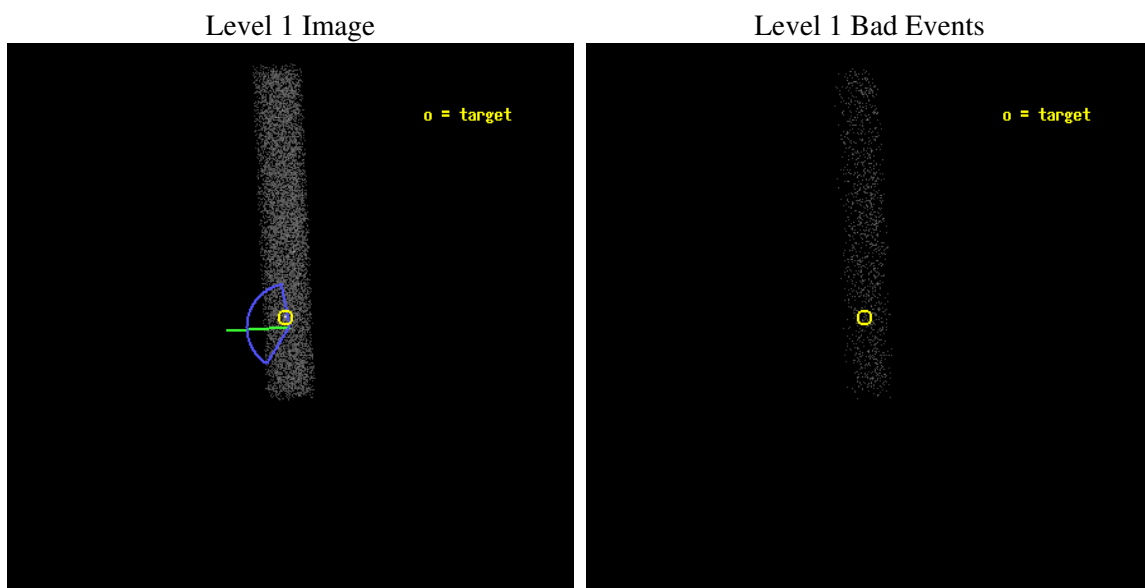
seq_num	700324
obs_id	2134
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr. Rita Sambruna
object	0802+103
dtcycle	0
cycle	P
ra_targ	121.199583
dec_targ	10.256389
ra_nom	121.19765284084
dec_nom	10.252300267509
roll_nom	267.51912573255
revision	2
ontime	9172.4001366794
livetime	8318.8827649913
ontime7	9172.4001366794
l2events	4545



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	2006-11-07T22:30:20
revision	2

sched_exp_time	9000.000000
ontime	9986.786386013
ontime7	9986.786386013
l1events	11332

2.1.4 Events

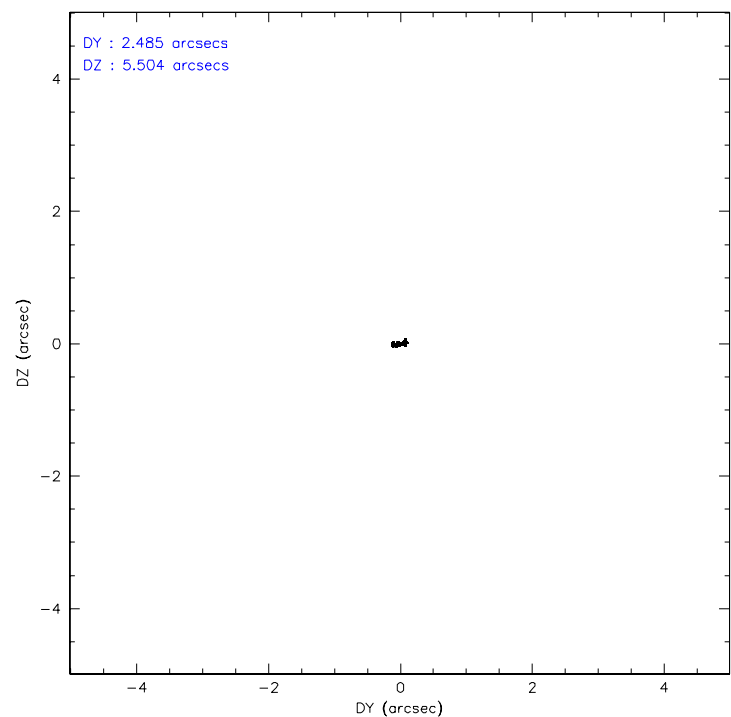
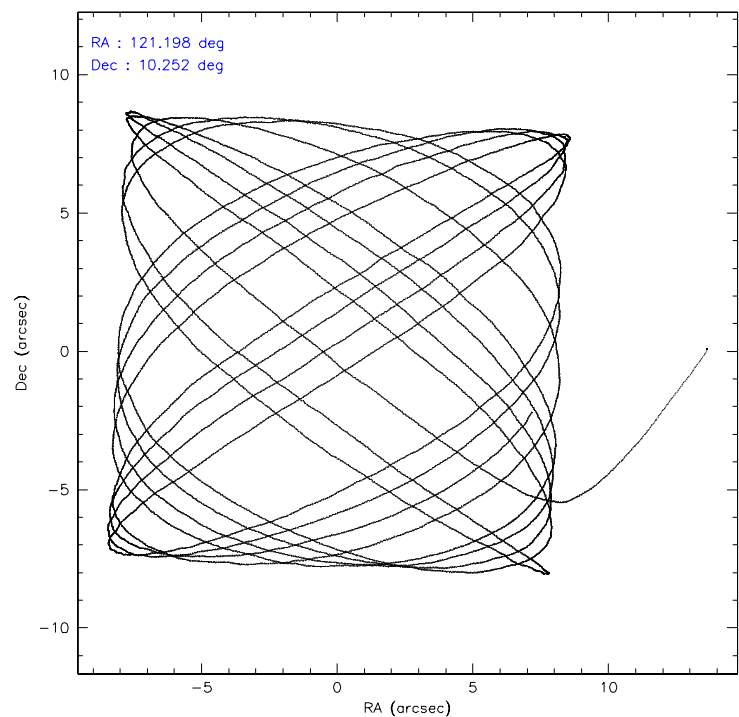
	ccd 7
level 1 events	11332
rejected events	6603
rejected %	58%

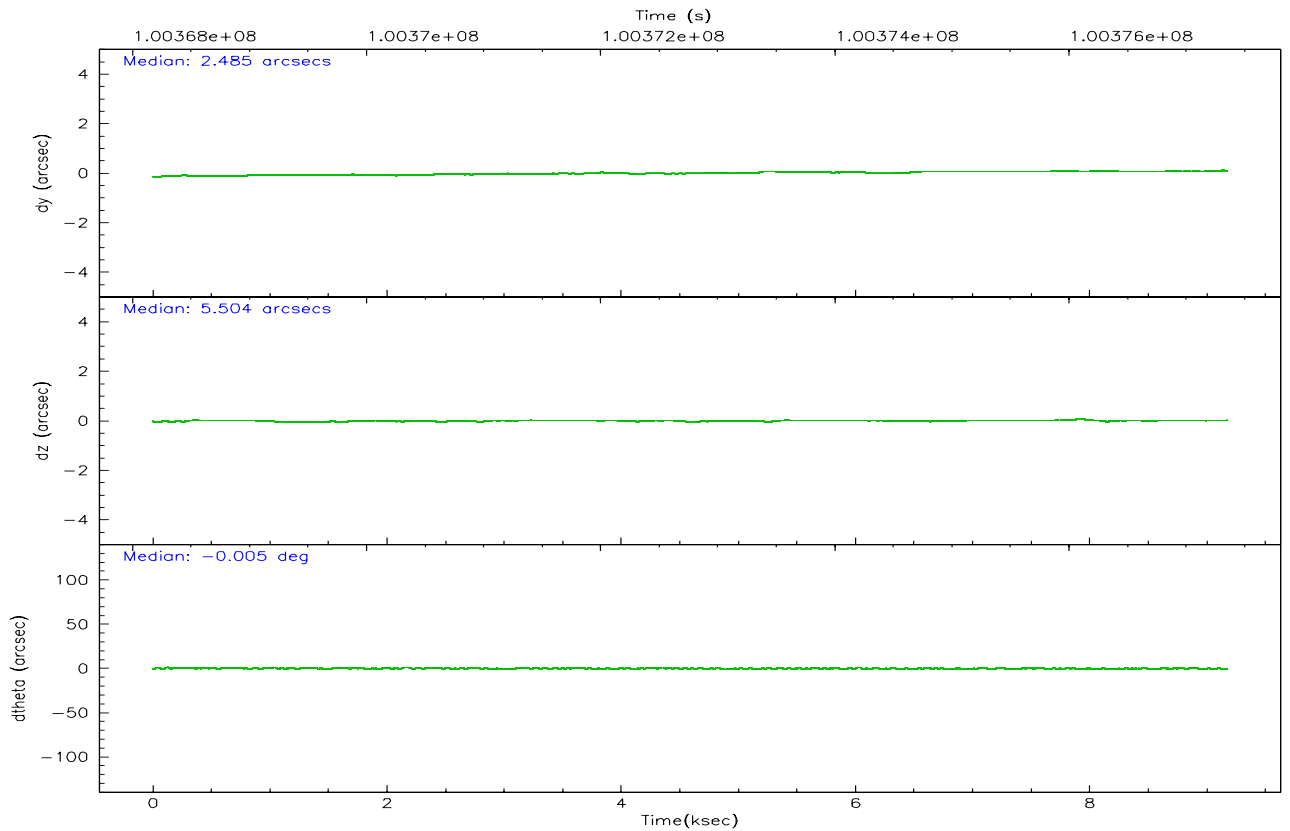
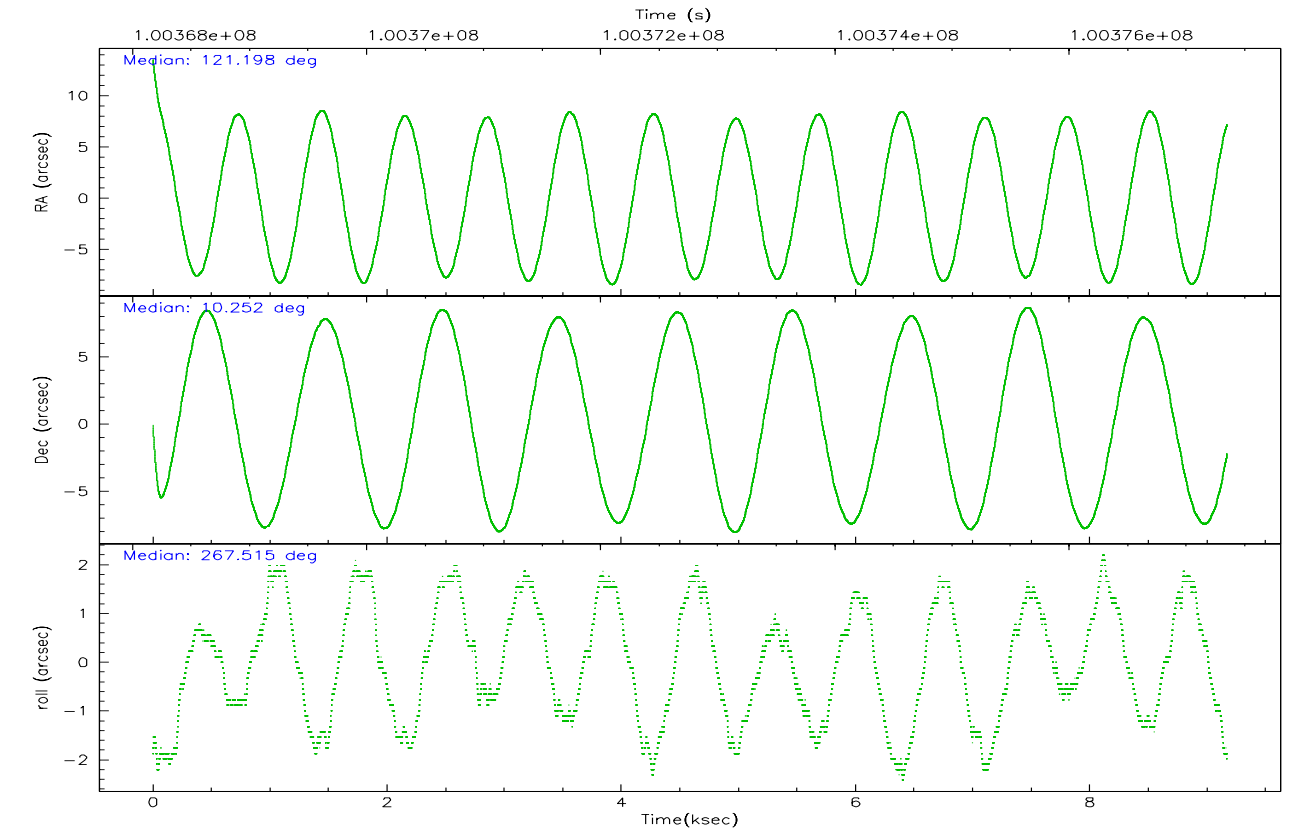
	ccd 7
grade 0 events	490
	4%
grade 1 events	11
	0%
grade 2 events	1187
	10%
grade 3 events	524
	4%
grade 4 events	515
	4%
grade 5 events	741
	6%
grade 6 events	2404
	21%
grade 7 events	5460
	48%

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	121.184579	121.1976528408443	Subarray requested	1/8	1/8
Pointing Dec	10.276420	10.25230026750927	Subarray start row	0	449
Pointing Roll	267.364820	267.5191257325483	Subarray row count	1024	128
Roll angle	280.000000	280.000000	Alternating exposures requested	N	N
Roll tolerance	69.000000	69.000000	Primary exposure time	0.000000	0.4
Roll constraint allows 180D rotation	N	N			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	100368349.184000	100367296.75714			
Observation start date	2001-03-07T16:04:45	2001-03-07T15:48:16			
Observation end time	100377349.184000	100378197.63256			
Observation end date	2001-03-07T18:34:45	2001-03-07T18:49:57			
Read mode	TIMED	TIMED			

2.3 Aspect



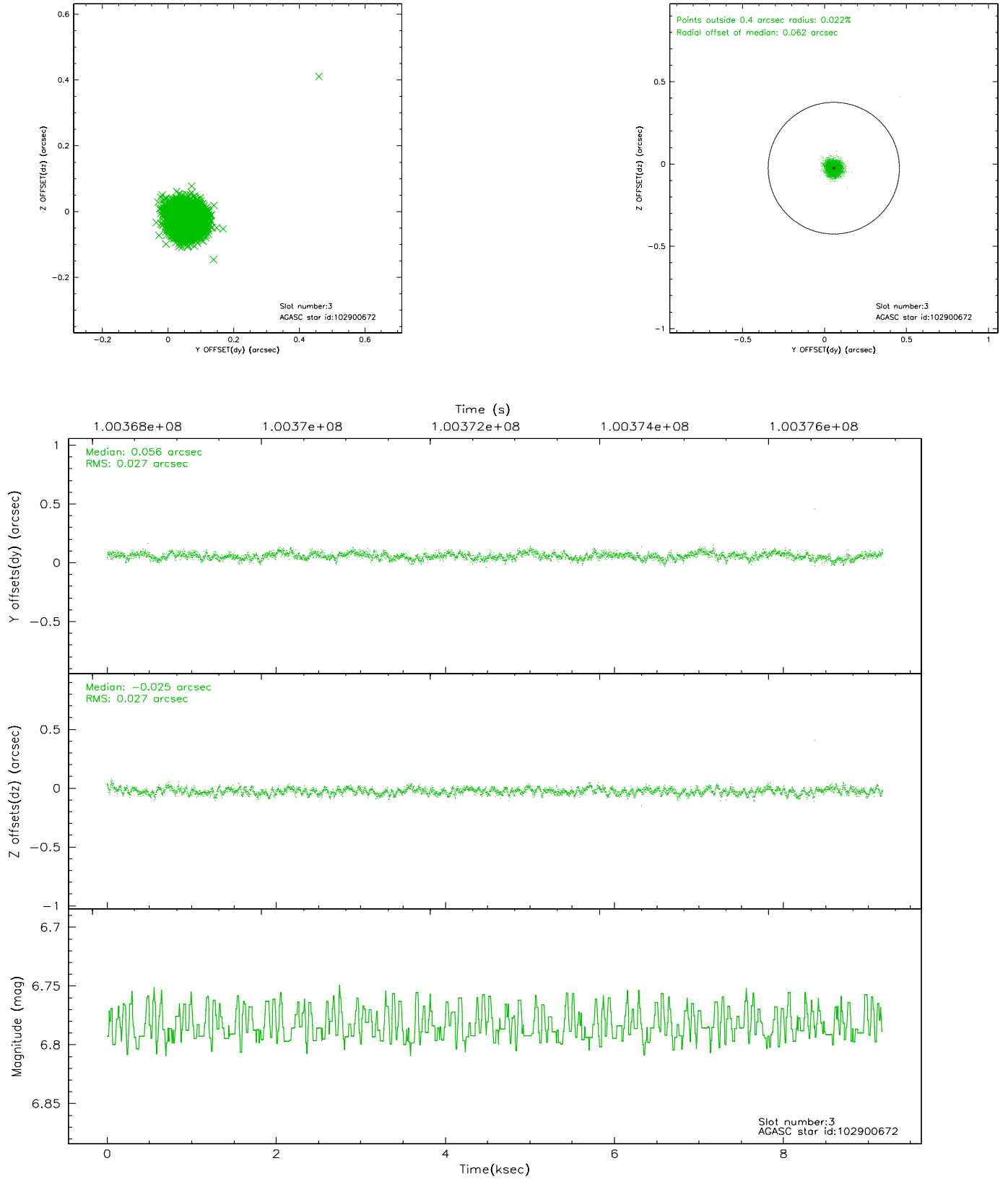


Slot Statistics

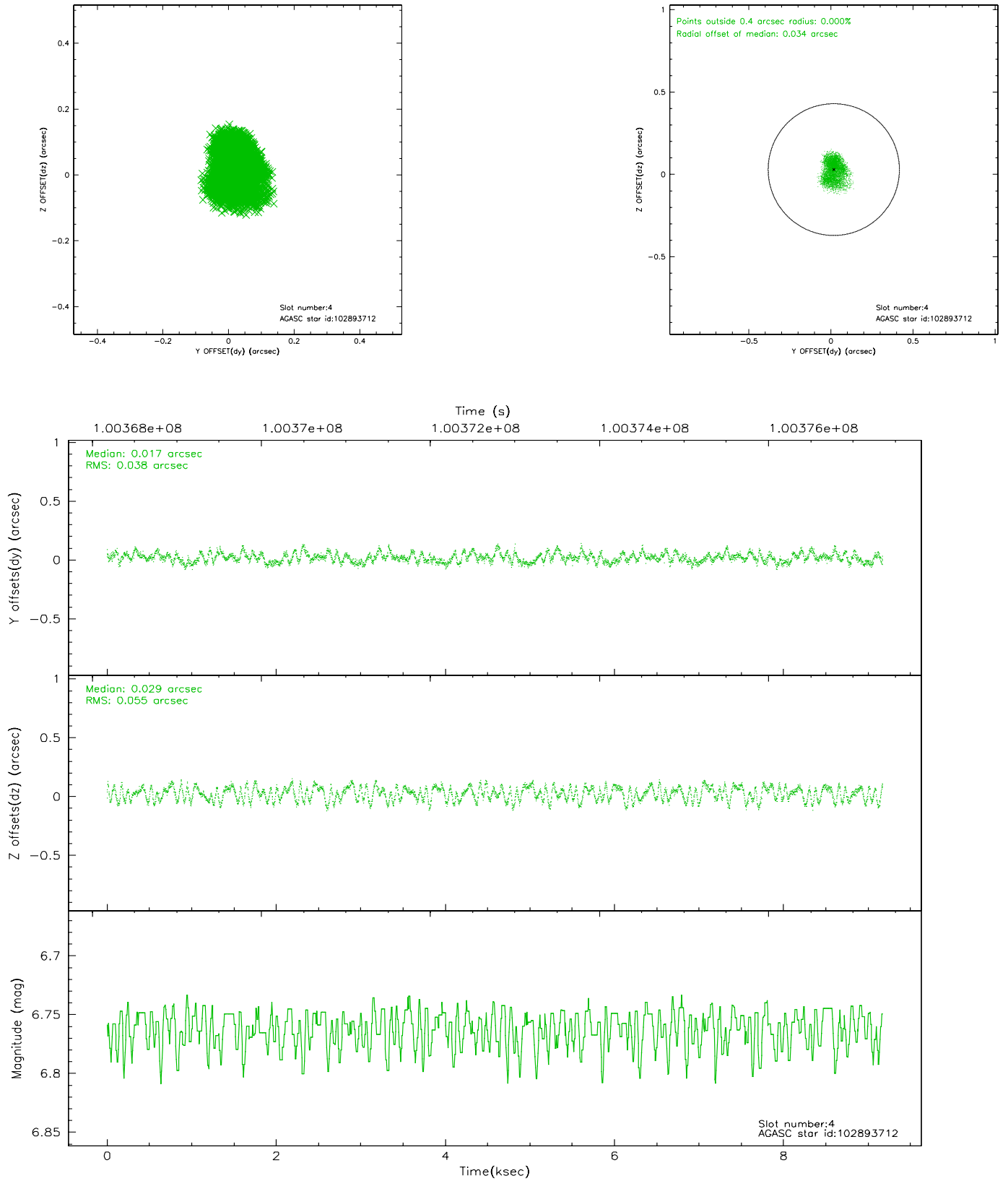
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2238	-0.029	0.017	0.006	0.010	0.000000	0.000000	-755.10	-1726.63
1	FID	ACIS-S-4	7.20	2237	-0.059	0.010	0.005	0.009	0.000000	0.000000	2157.84	181.31
2	FID	ACIS-S-5	7.24	2238	0.057	-0.018	0.006	0.010	0.000000	0.000000	-1807.14	175.53
3	GUIDE	102900672	6.78	4476	0.056	-0.025	0.039	0.063	120.810412	9.942835	1259.75	-1269.97
4	GUIDE	102893712	6.76	4476	0.017	0.029	0.073	0.111	121.777014	9.980143	966.86	2147.24
5	GUIDE	102898312	7.22	4476	-0.029	-0.110	0.048	0.074	121.253781	10.500012	-815.49	208.17
6	GUIDE	102906648	7.78	4476	0.043	0.068	0.053	0.085	121.088001	10.249590	111.75	-337.03
7	GUIDE	102893184	8.41	4475	-0.089	0.045	0.050	0.081	121.068238	10.856757	-2068.49	-506.99

2.4 Star Slots

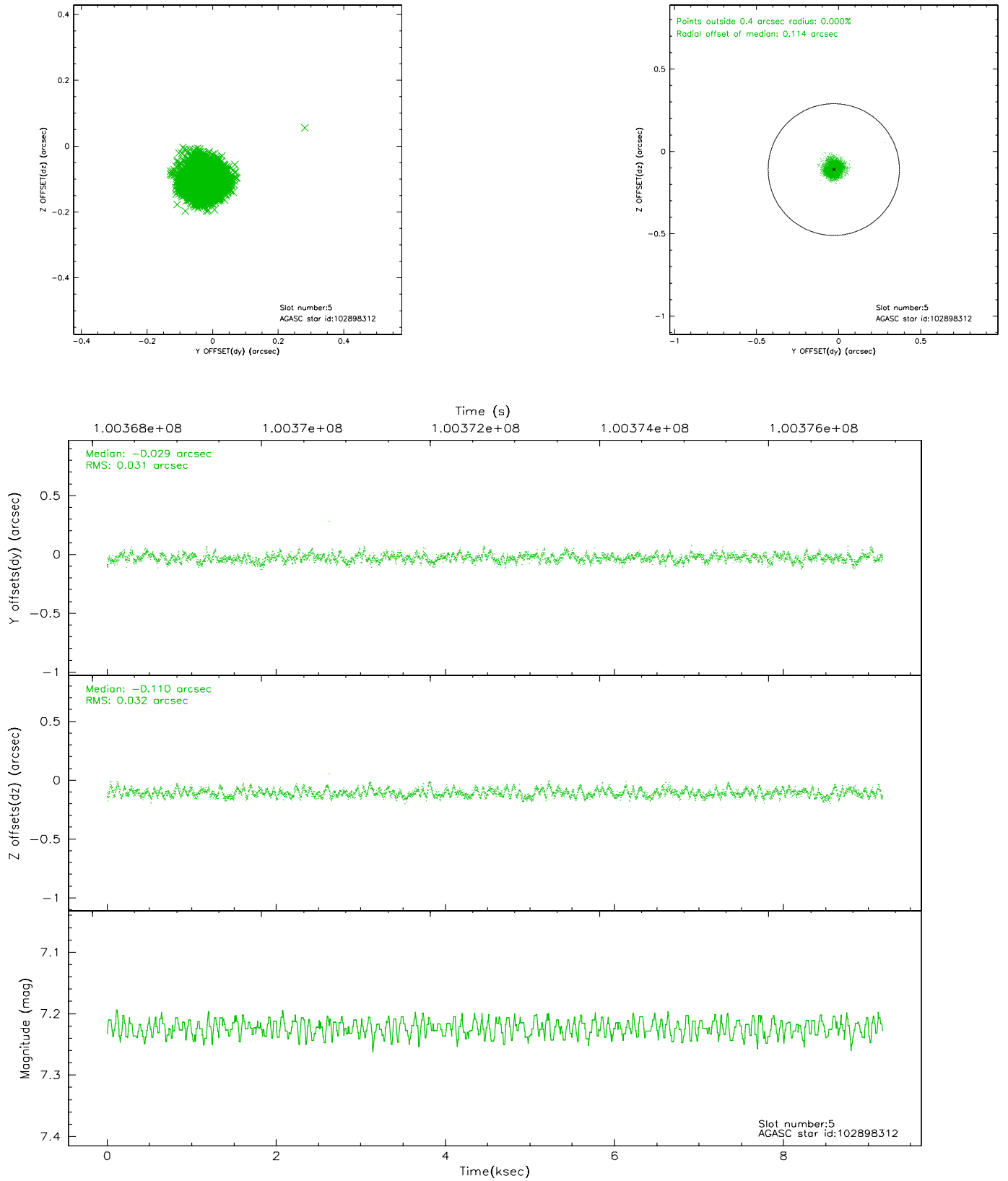
2.4.1 Slot 3



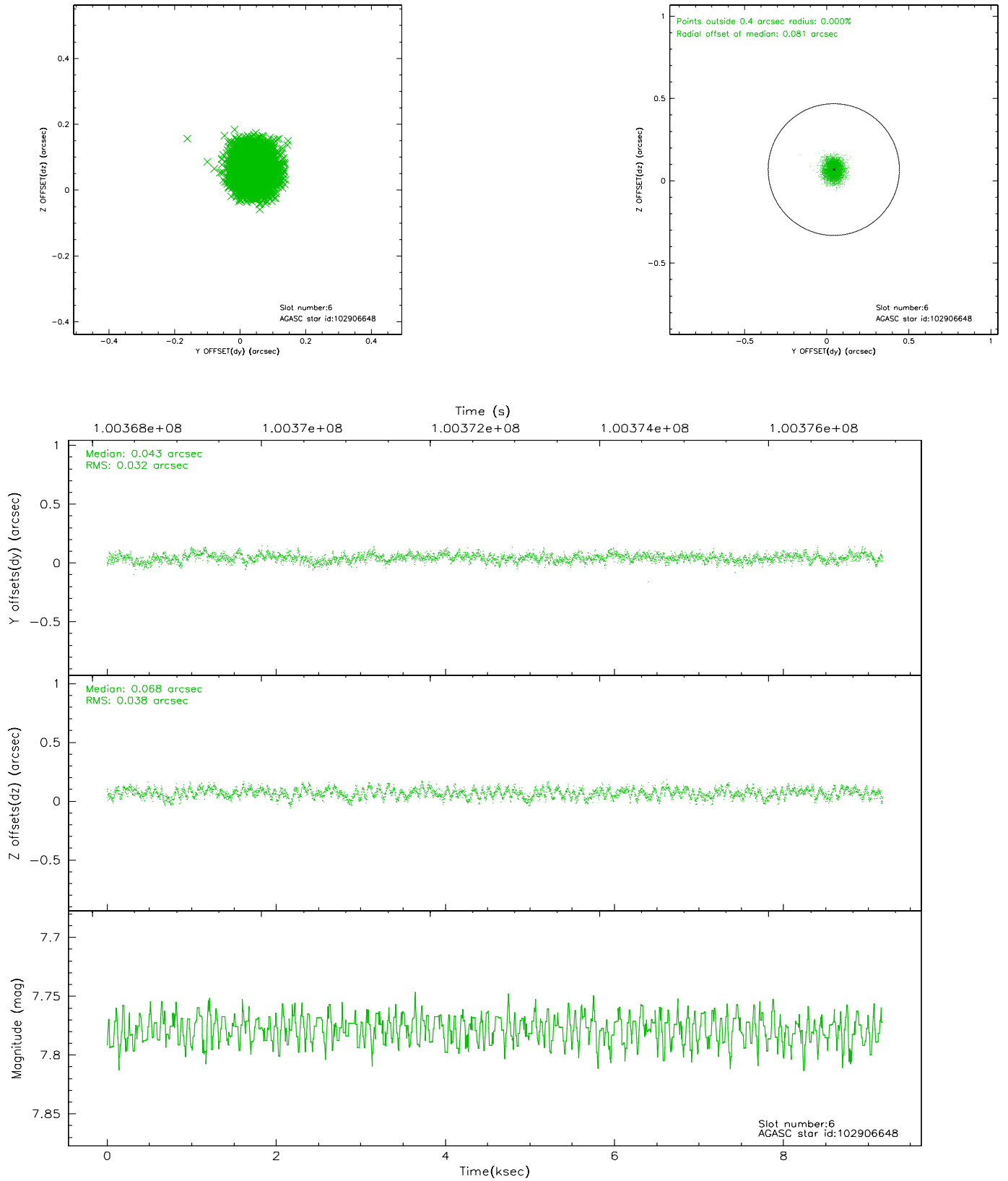
2.4.2 Slot 4



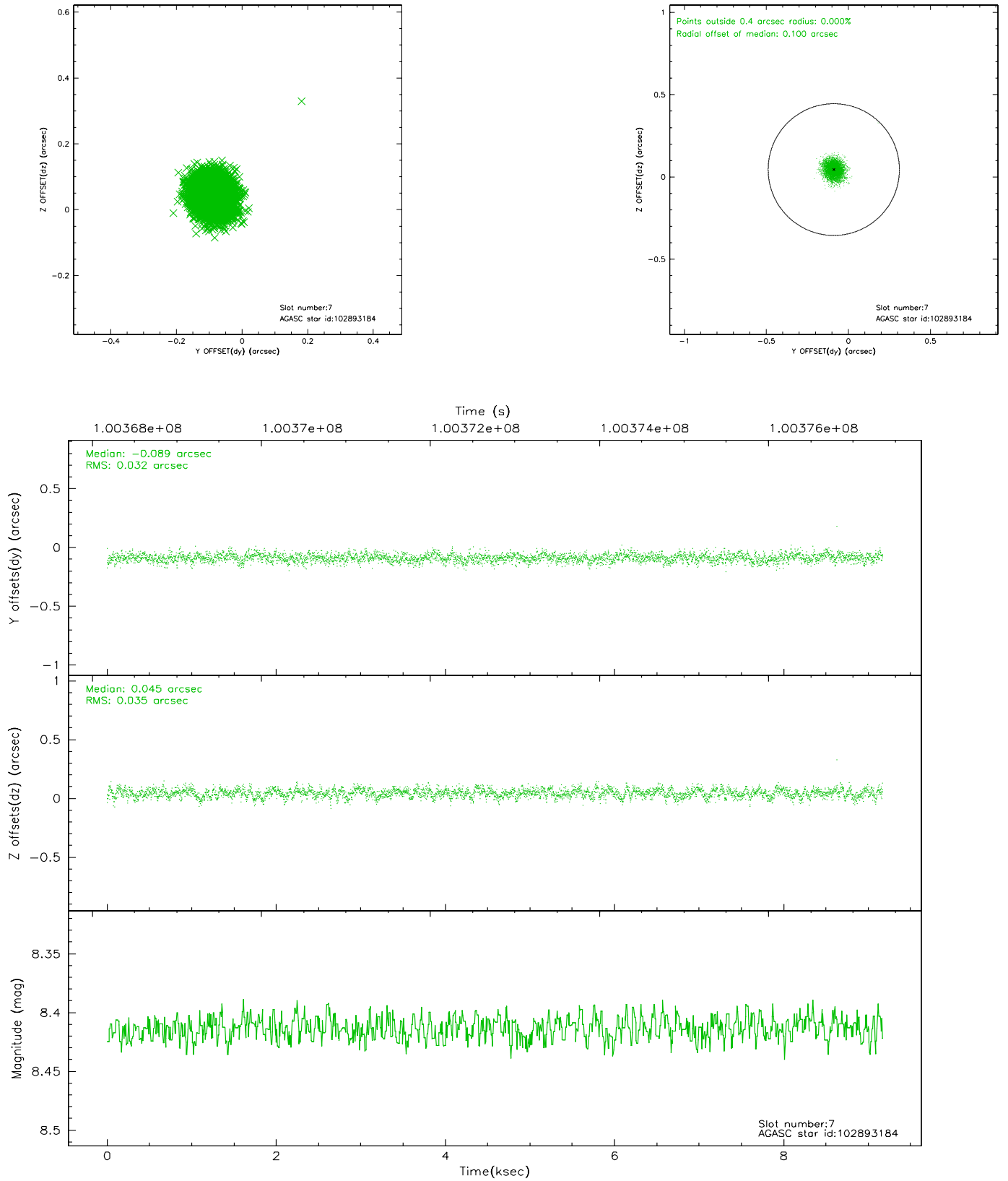
2.4.3 Slot 5



2.4.4 Slot 6

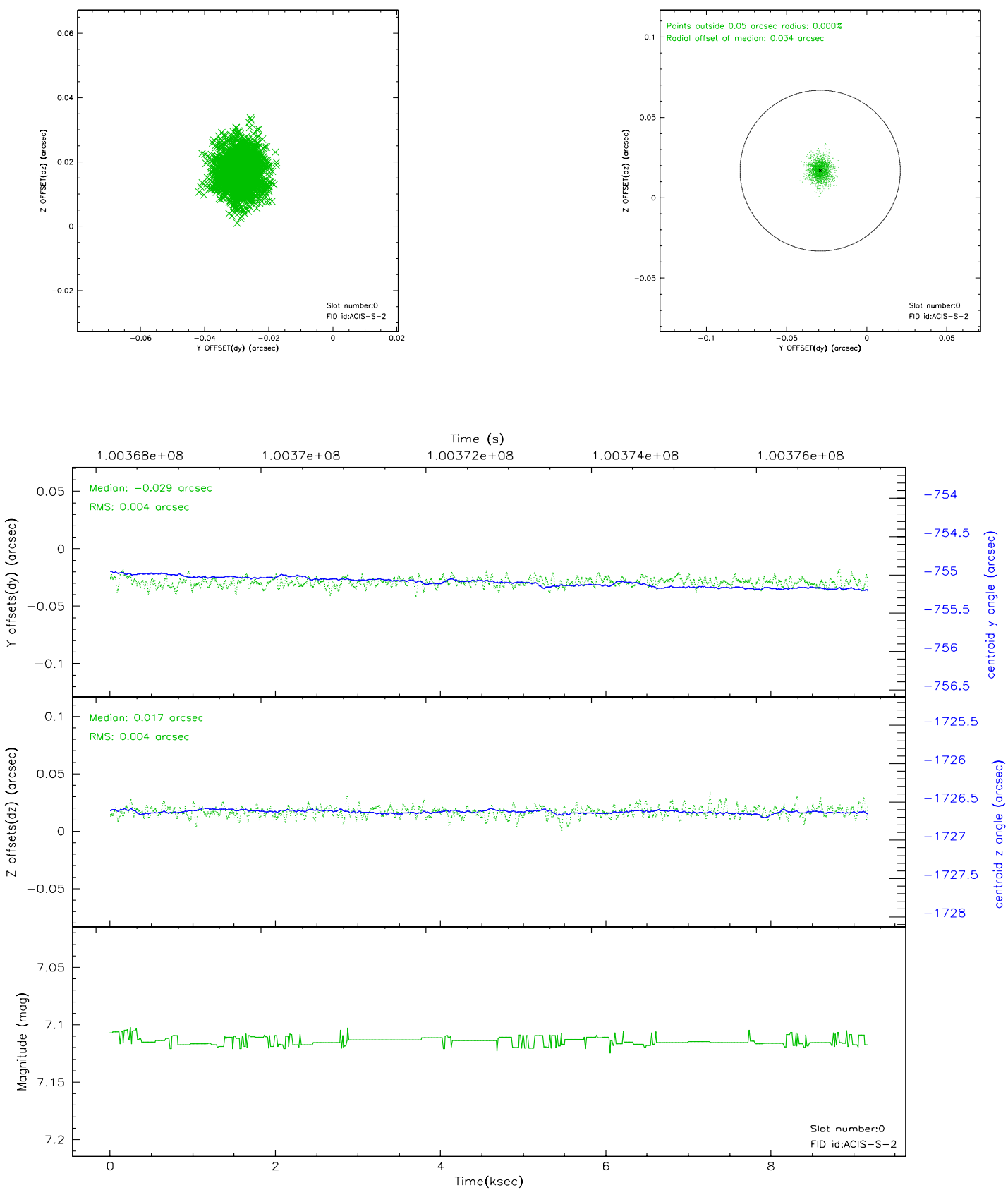


2.4.5 Slot 7

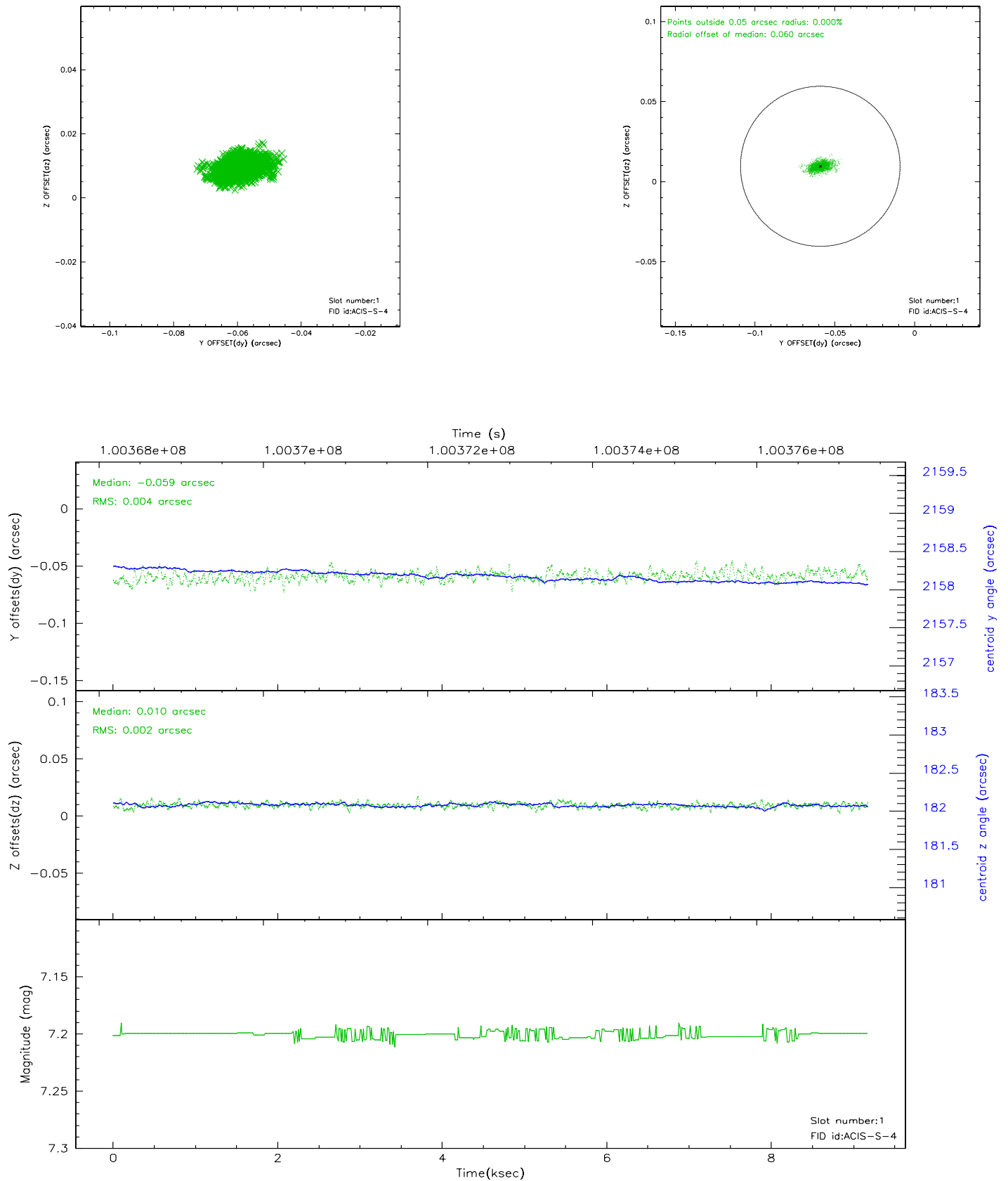


2.5 FID Slots

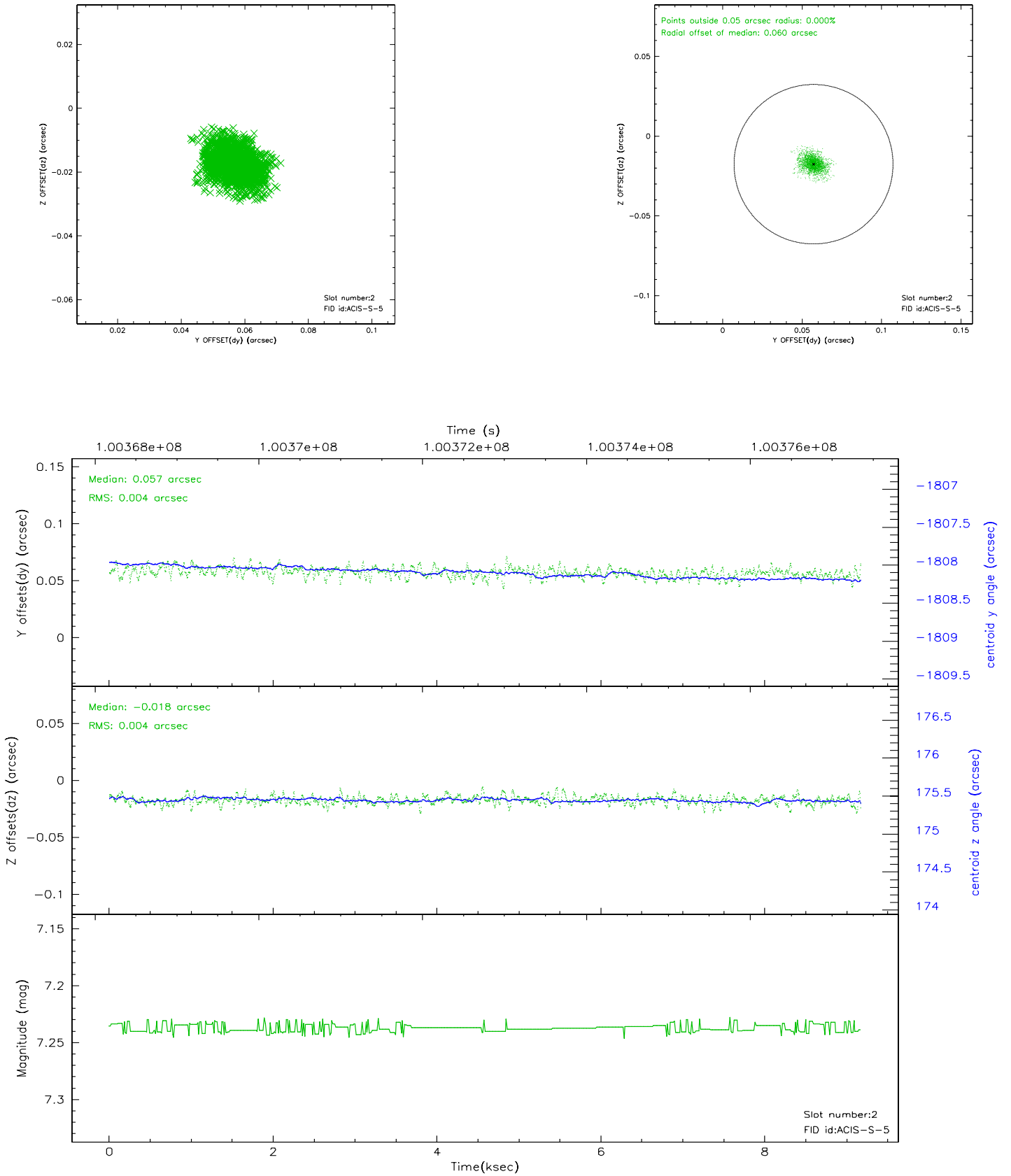
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.172

A.2 Comments

Roll constraint met.