

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4877 - L2 Version 001
Chandra X-Ray Center

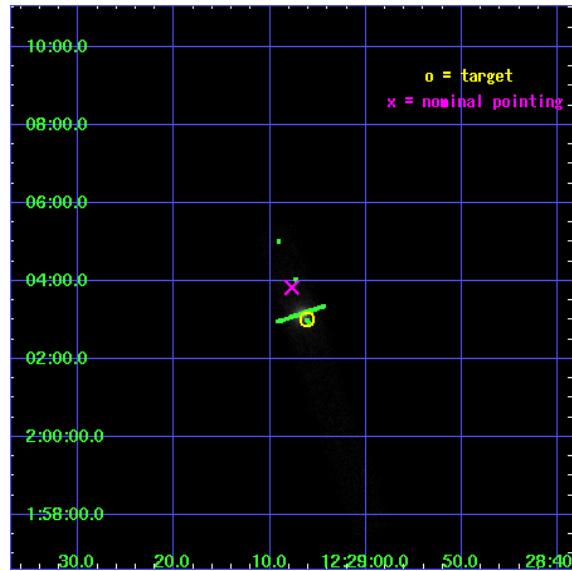
L2 Processing Date : Jun 4 2006

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

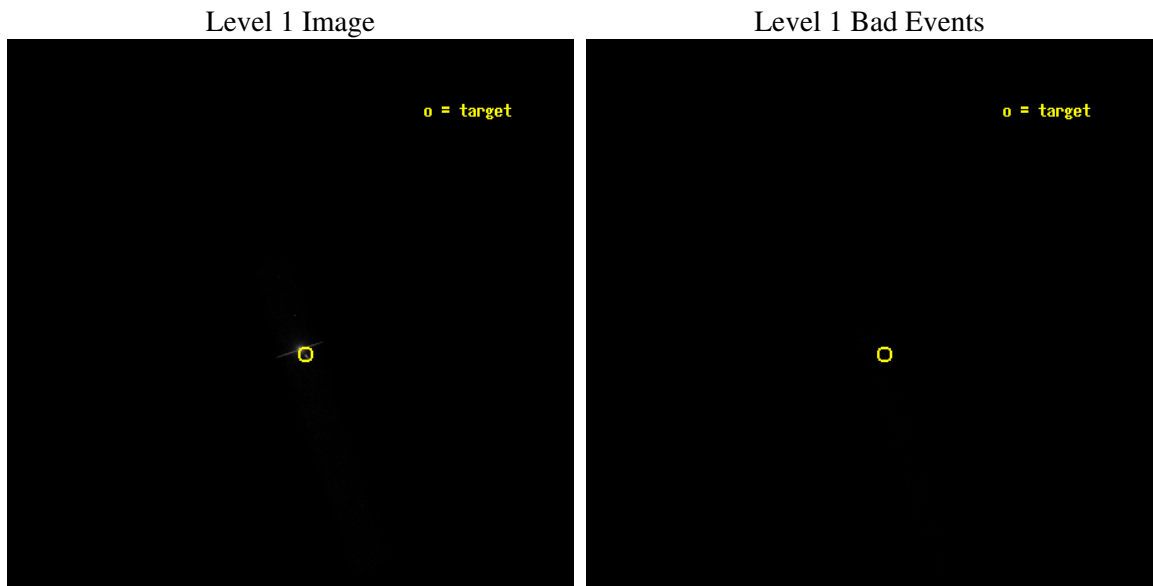
seq_num	700959
obs_id	4877
title	The X-ray emission mechanism in 3C273's jet
observer	Dr. Sebastian Jester
object	3C273-JET
dtcycle	0
cycle	P
ra_targ	187.275833
dec_targ	2.050111
ra_nom	187.28222119536
dec_nom	2.0637940607704
roll_nom	71.502144755631
revision	2
ontime	38438.000572771
livetime	34861.237595475
ontime7	38438.000572771
l2events	100947



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	2006-06-04T21:00:56
revision	2

sched_exp_time	37998.518000
ontime	38858.770649403
ontime7	38858.770649403
l1events	200983

2.1.4 Events

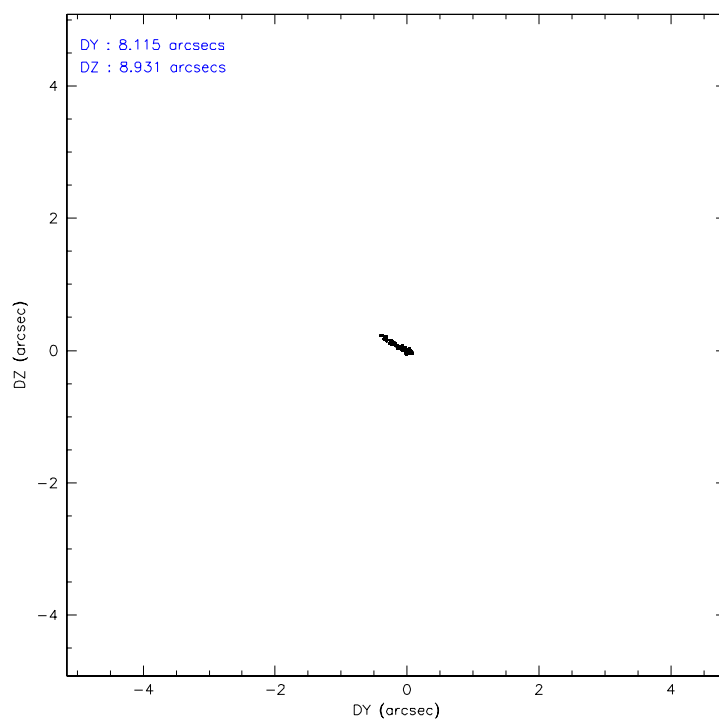
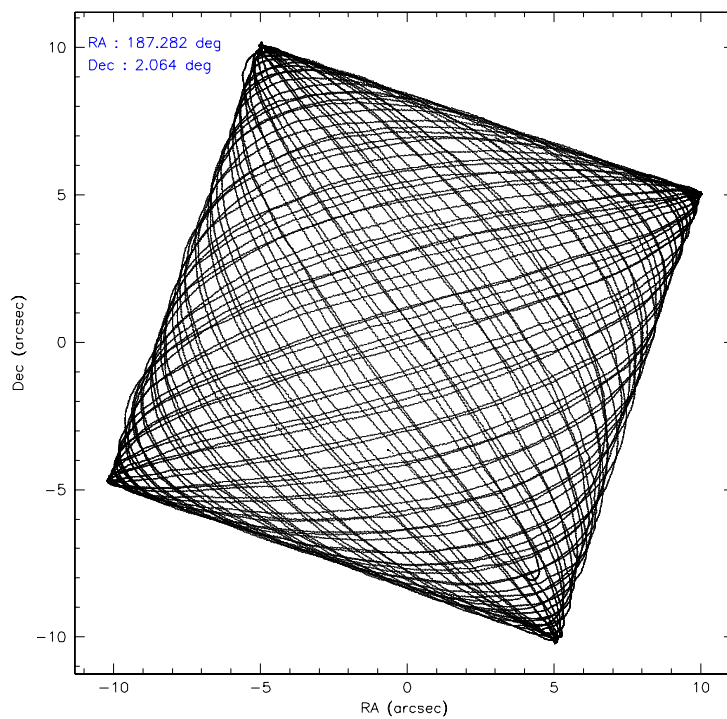
	ccd 7
level 1 events	200983
rejected events	99344
rejected %	49%

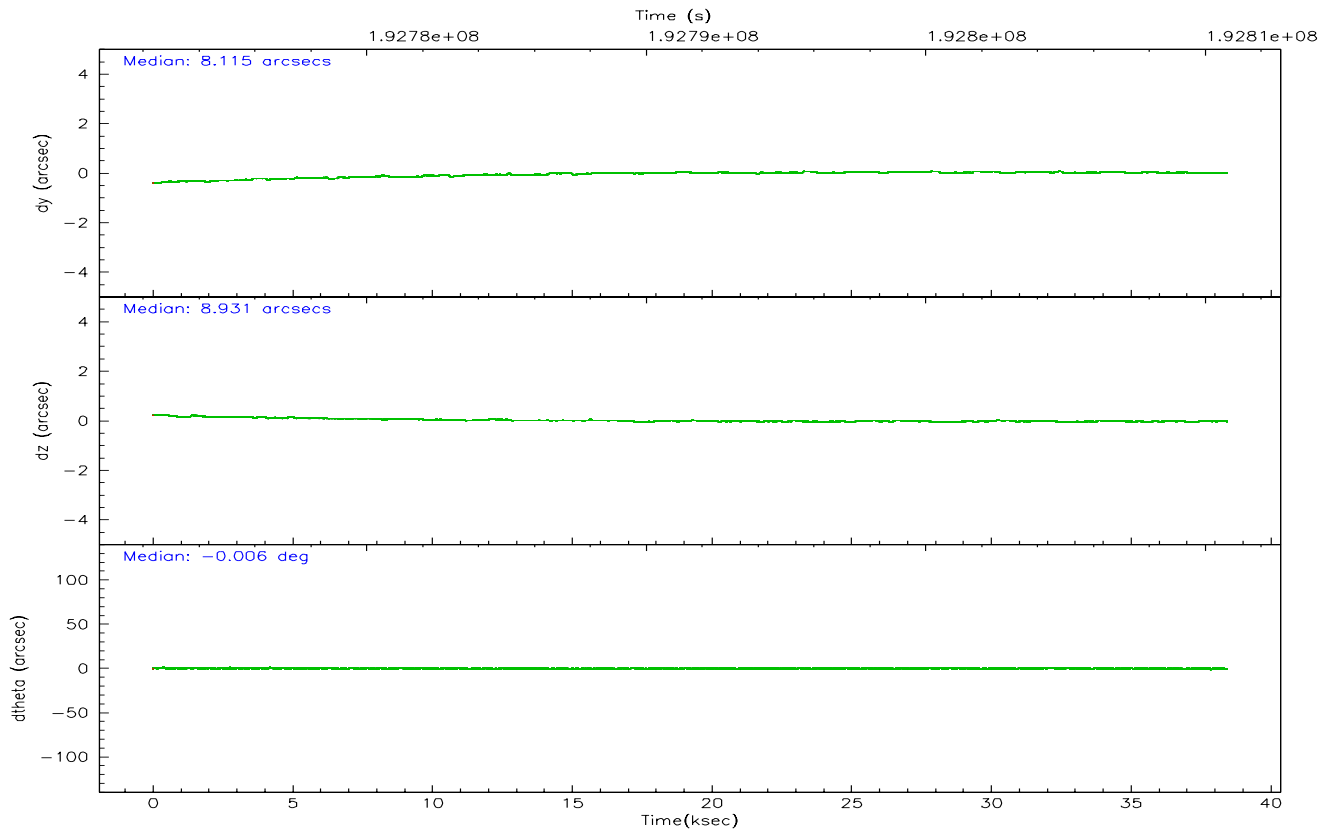
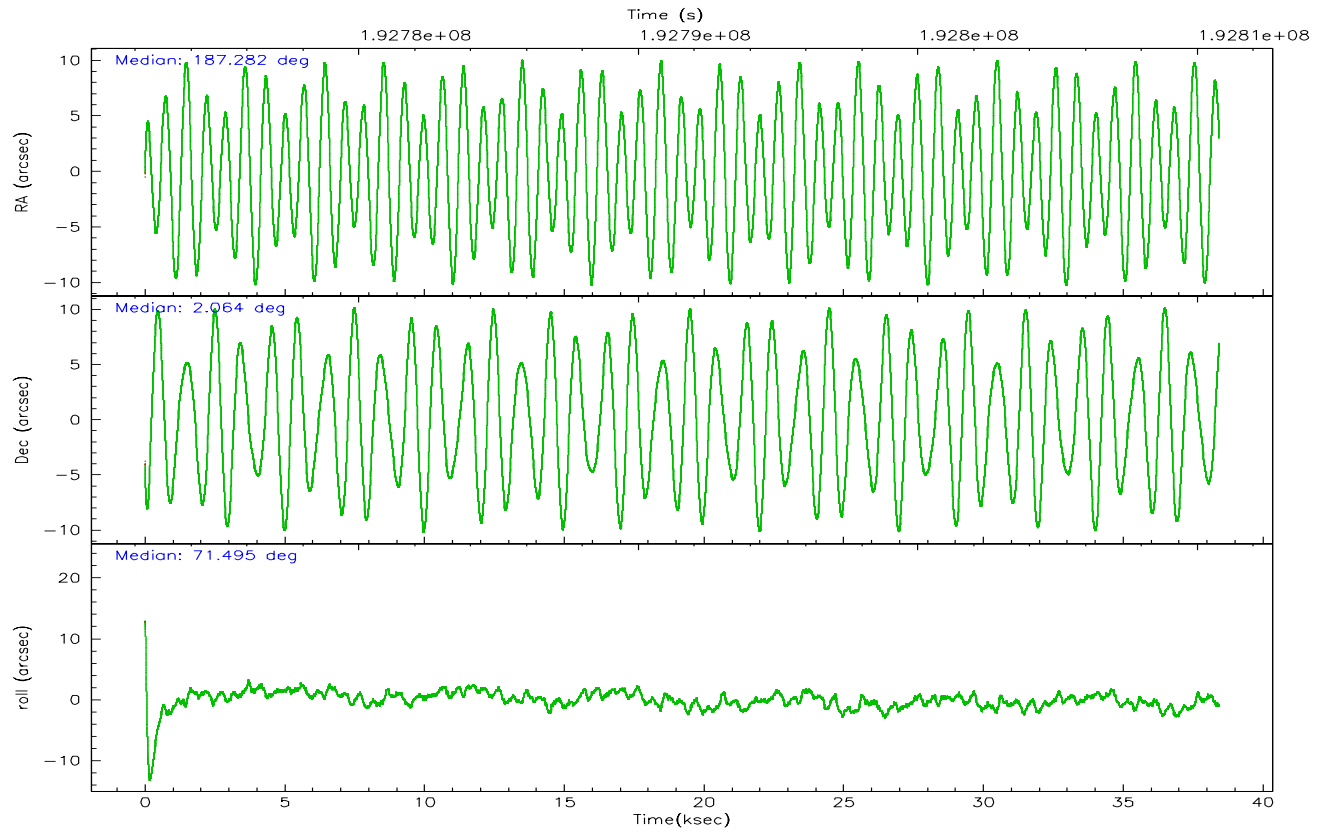
	ccd 7
grade 0 events	21881
	10%
grade 1 events	1690
	0%
grade 2 events	21073
	10%
grade 3 events	10050
	5%
grade 4 events	9535
	4%
grade 5 events	11311
	5%
grade 6 events	39521
	19%
grade 7 events	85922
	42%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	CUSTOM	1/8
Pointing RA	187.288020	187.282221195363	Subarray start row	115	115
Pointing Dec	2.037206	2.063794060770404	Subarray row count	128	128
Pointing Roll	71.345300	71.50214475563101	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)	-182.132523	-182.139514760308			
SIM translation stage offset (mm)	-8	-7.993007822699838			
Observation start time	192772790.184000	192771702.97428			
Observation start date	2004-02-10T03:58:46	2004-02-10T03:41:42			
Observation end time	192810788.184000	192811102.95101			
Observation end date	2004-02-10T14:32:04	2004-02-10T14:38:22			
Read mode	TIMED	TIMED			

2.3 Aspect



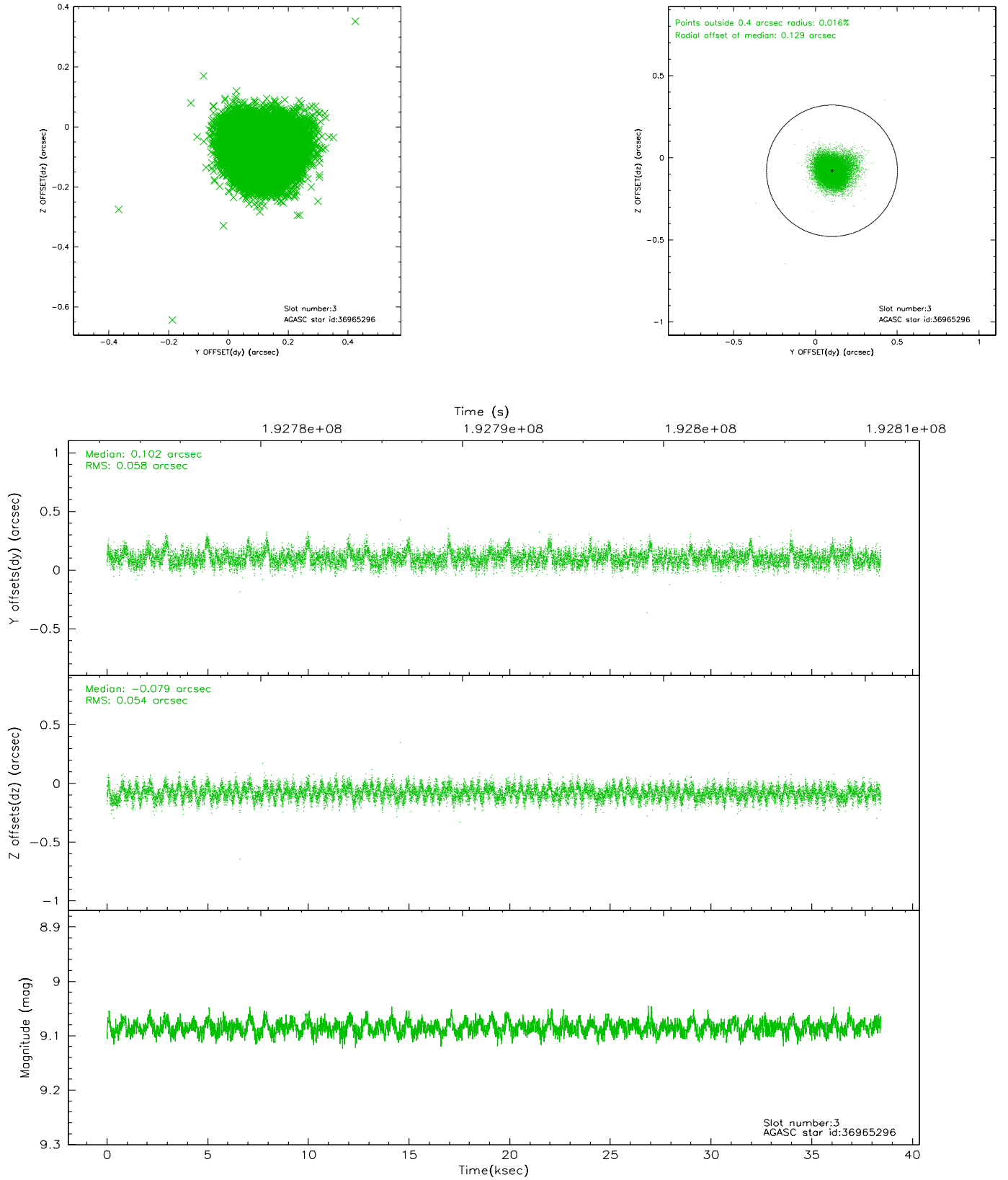


Slot Statistics

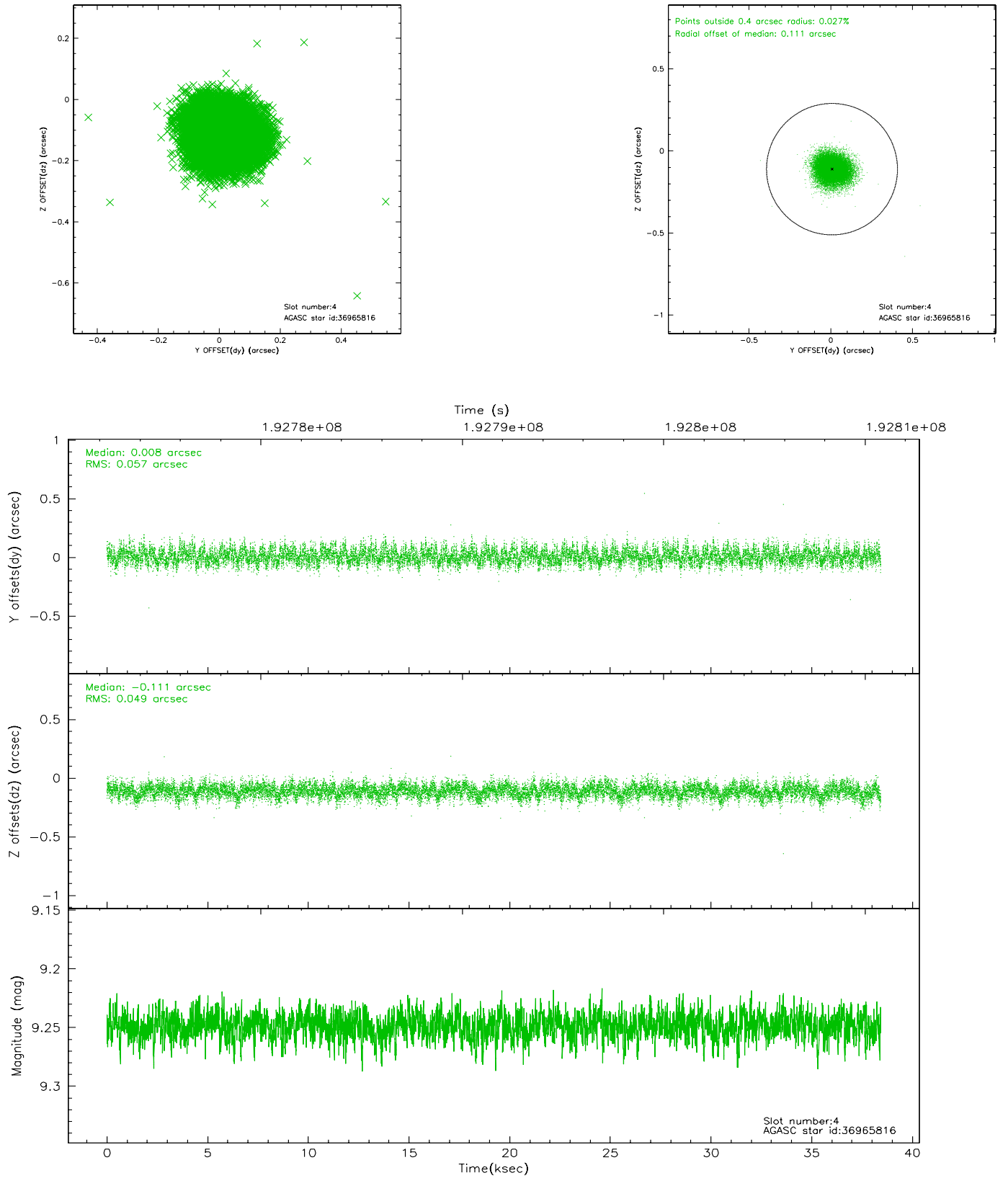
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	9376	0.000	0.127	0.008	0.015	0.000000	0.000000	935.79	-1890.33
1	FID	ACIS-S-5	7.23	9376	-0.046	0.030	0.009	0.015	0.000000	0.000000	-1813.25	7.05
2	FID	ACIS-S-6	7.41	9376	0.025	-0.145	0.008	0.013	0.000000	0.000000	401.33	650.88
3	GUIDE	36965296	9.09	18739	0.102	-0.079	0.083	0.137	186.926292	1.837429	-1097.50	1003.29
4	GUIDE	36965816	9.25	18744	0.008	-0.111	0.080	0.130	186.823353	1.771455	-1441.15	1278.23
5	GUIDE	37356352	7.70	18750	-0.390	0.069	0.052	0.087	187.433784	2.618460	2149.91	173.27
6	GUIDE	37883040	10.00	18737	0.007	0.267	0.144	0.231	187.575516	1.280402	-2250.00	-1851.68
7	GUIDE	36963280	9.61	18742	0.264	-0.142	0.113	0.185	186.985307	1.456816	-2327.77	363.78

2.4 Star Slots

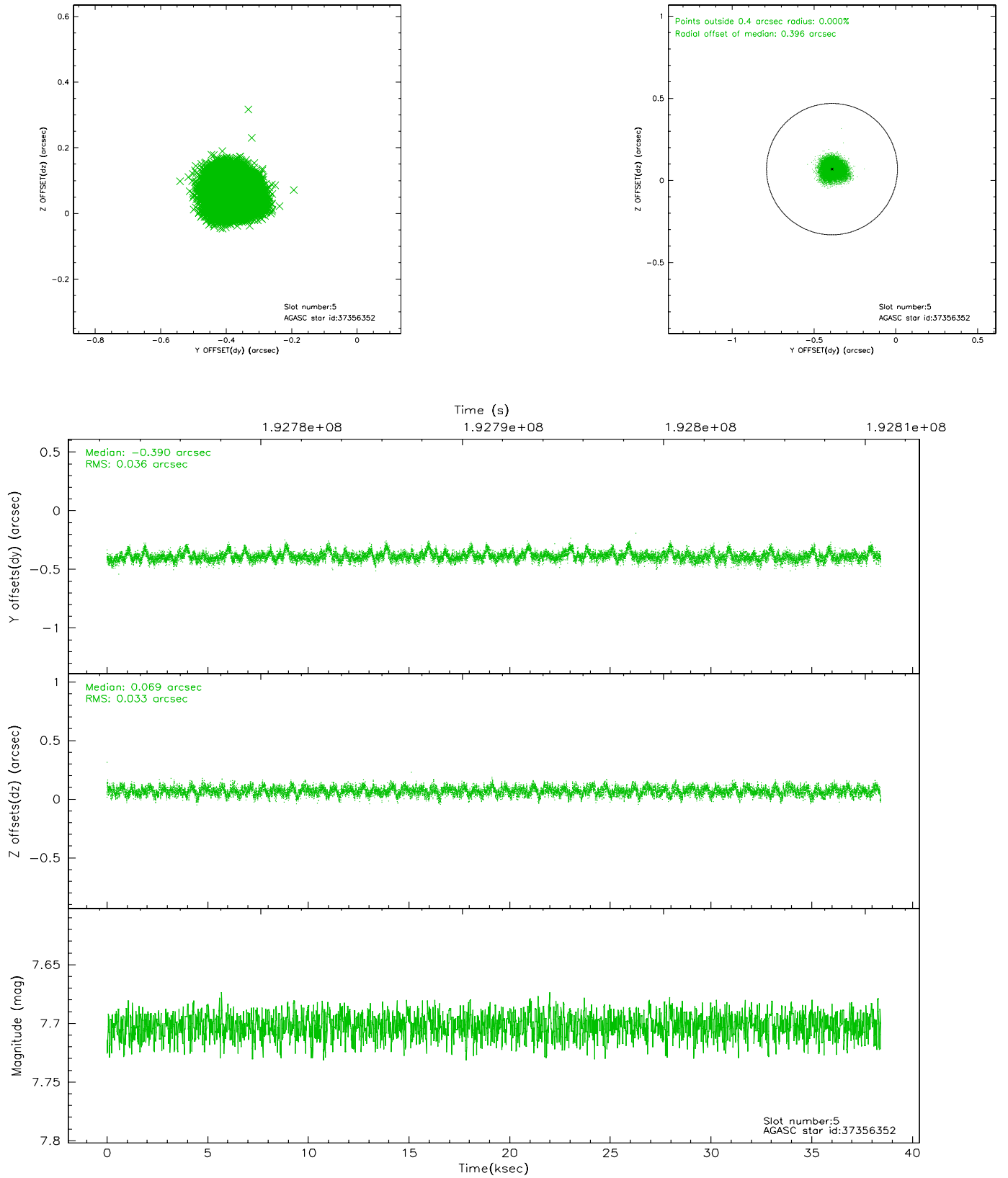
2.4.1 Slot 3



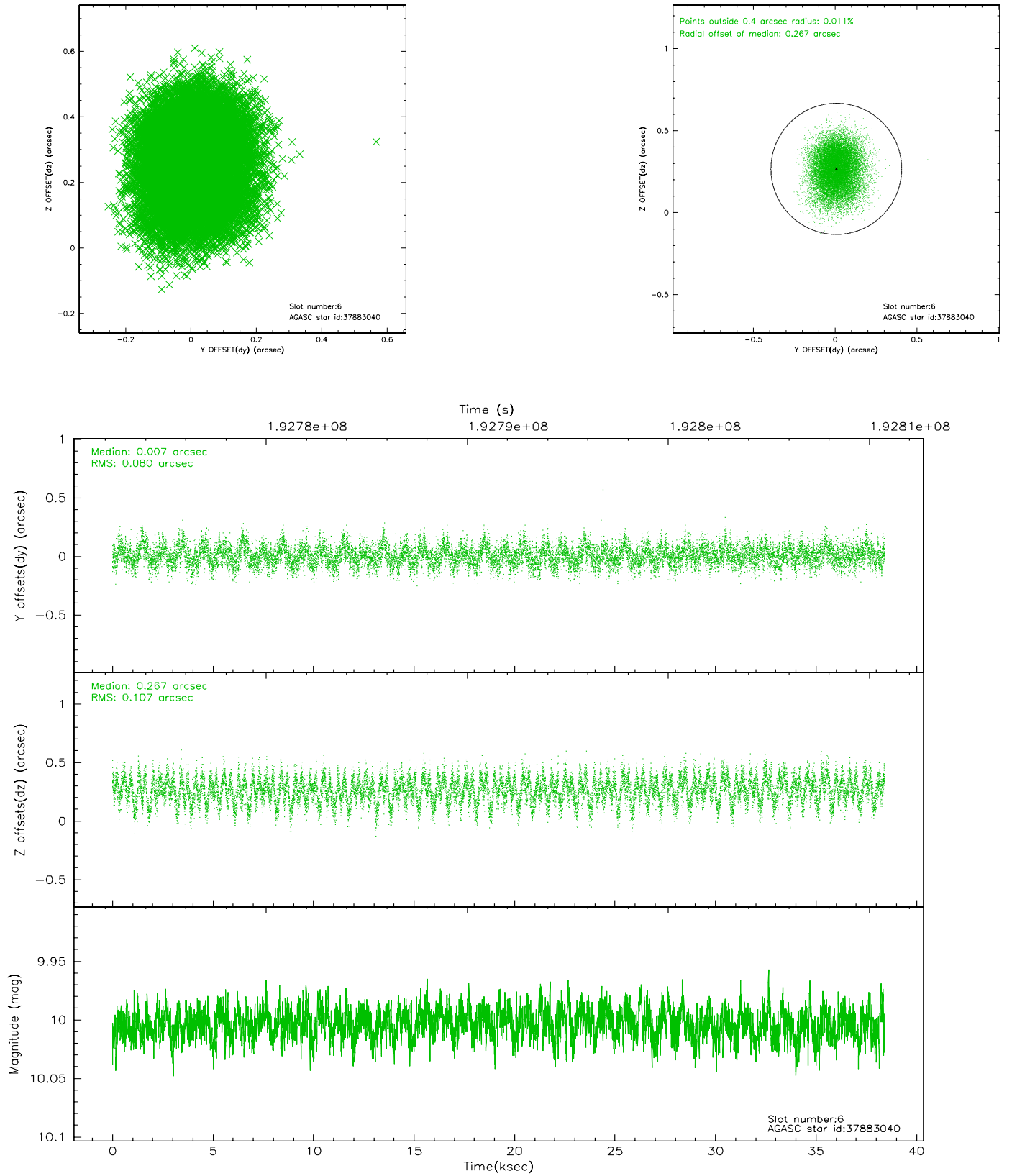
2.4.2 Slot 4



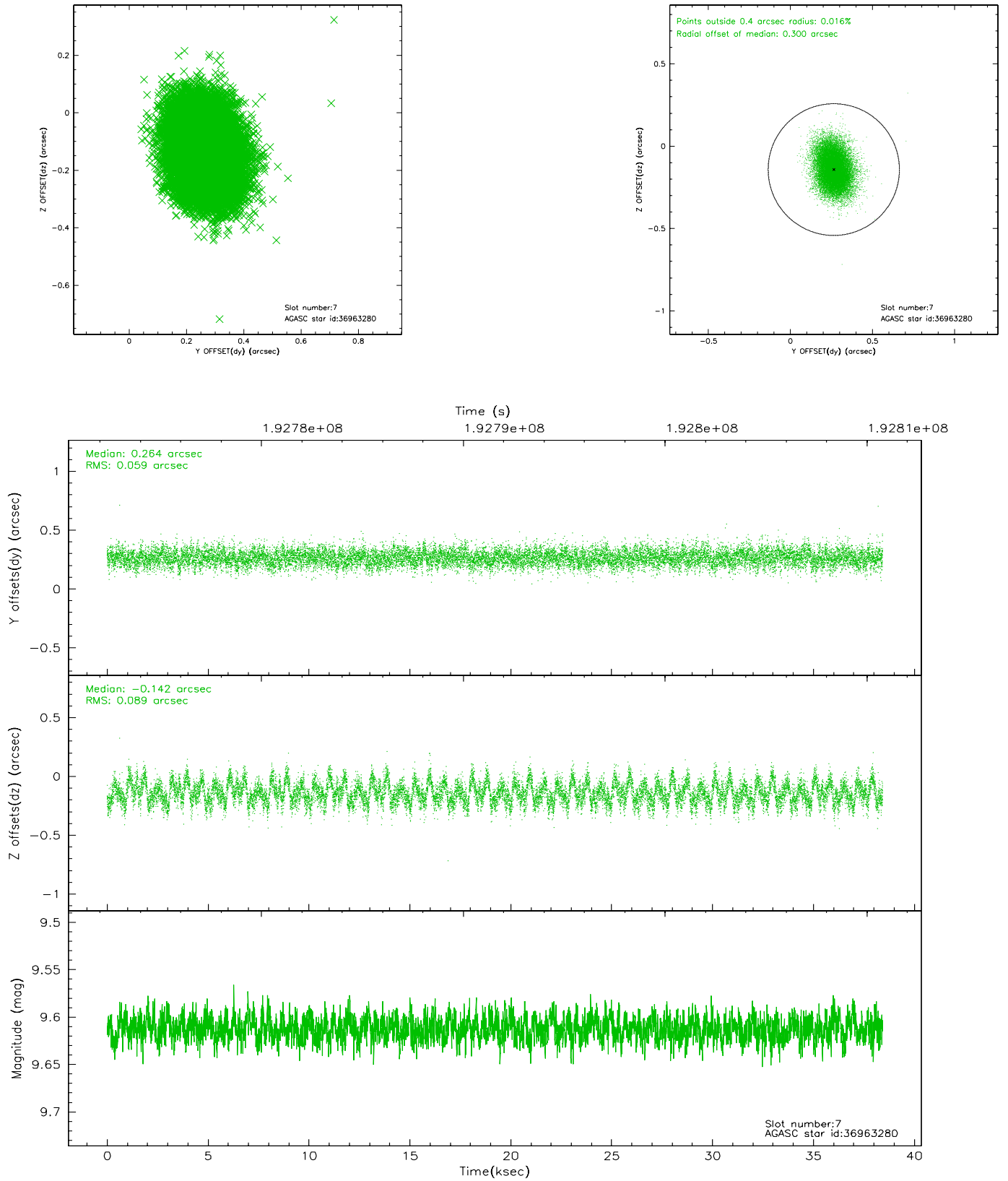
2.4.3 Slot 5



2.4.4 Slot 6

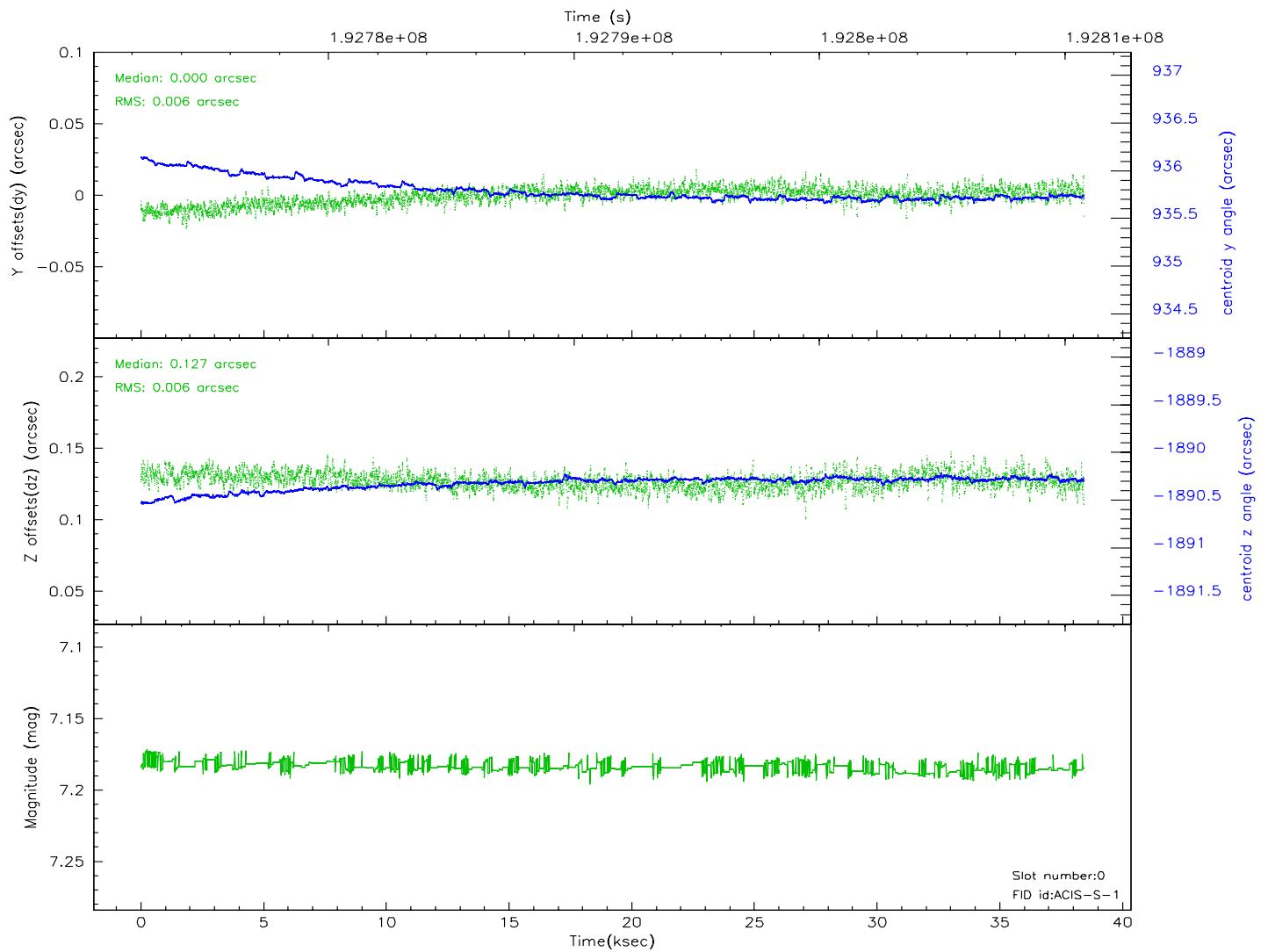
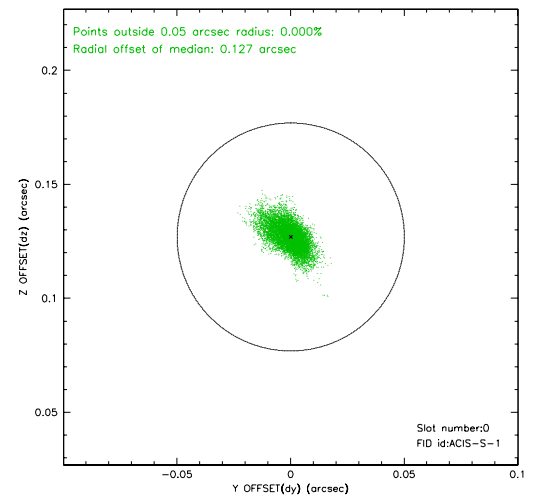
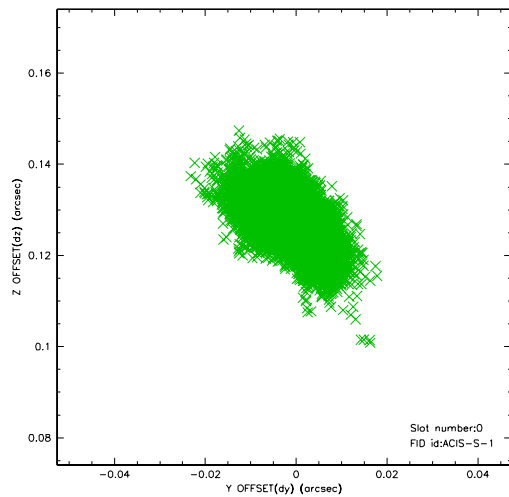


2.4.5 Slot 7

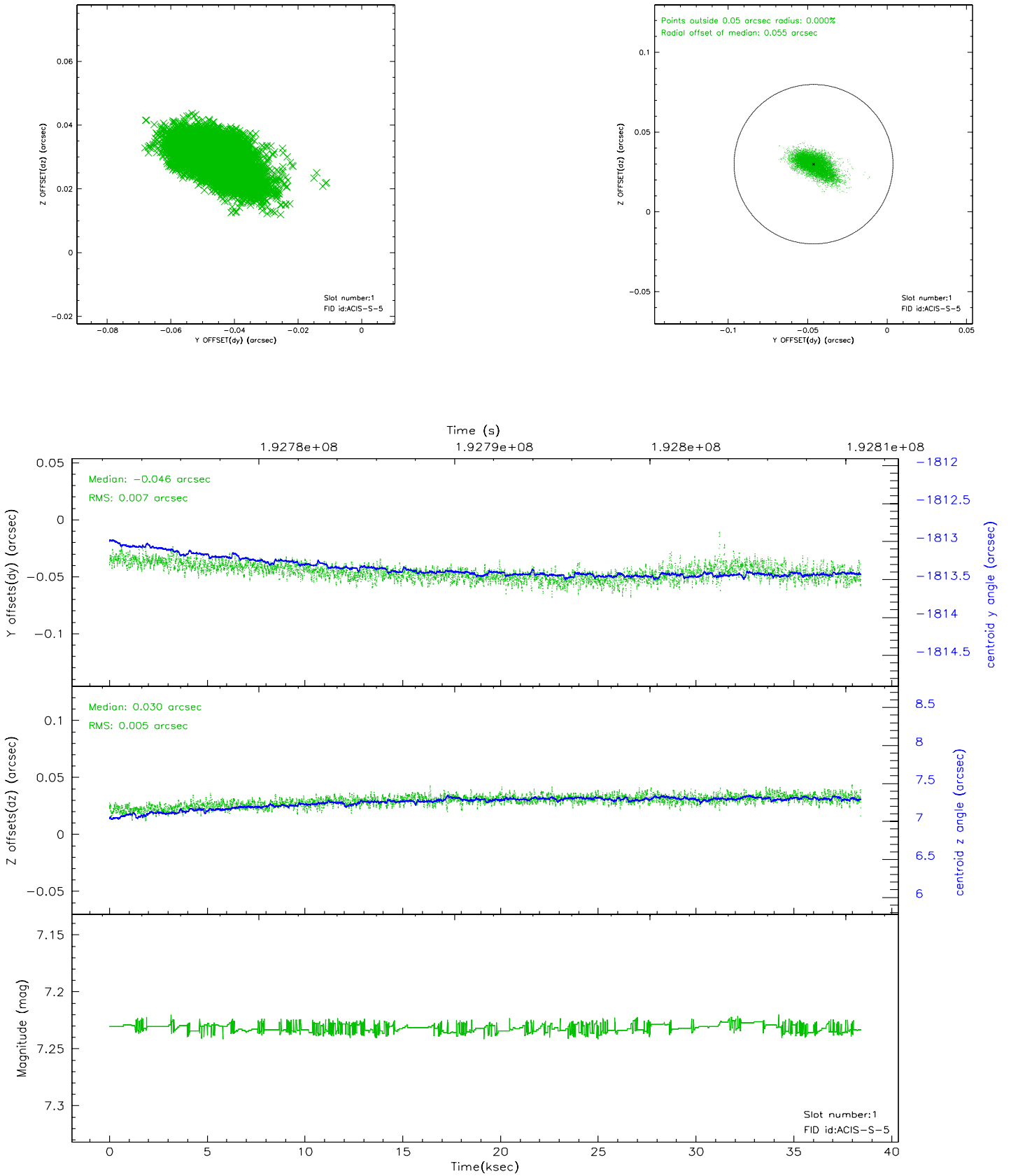


2.5 FID Slots

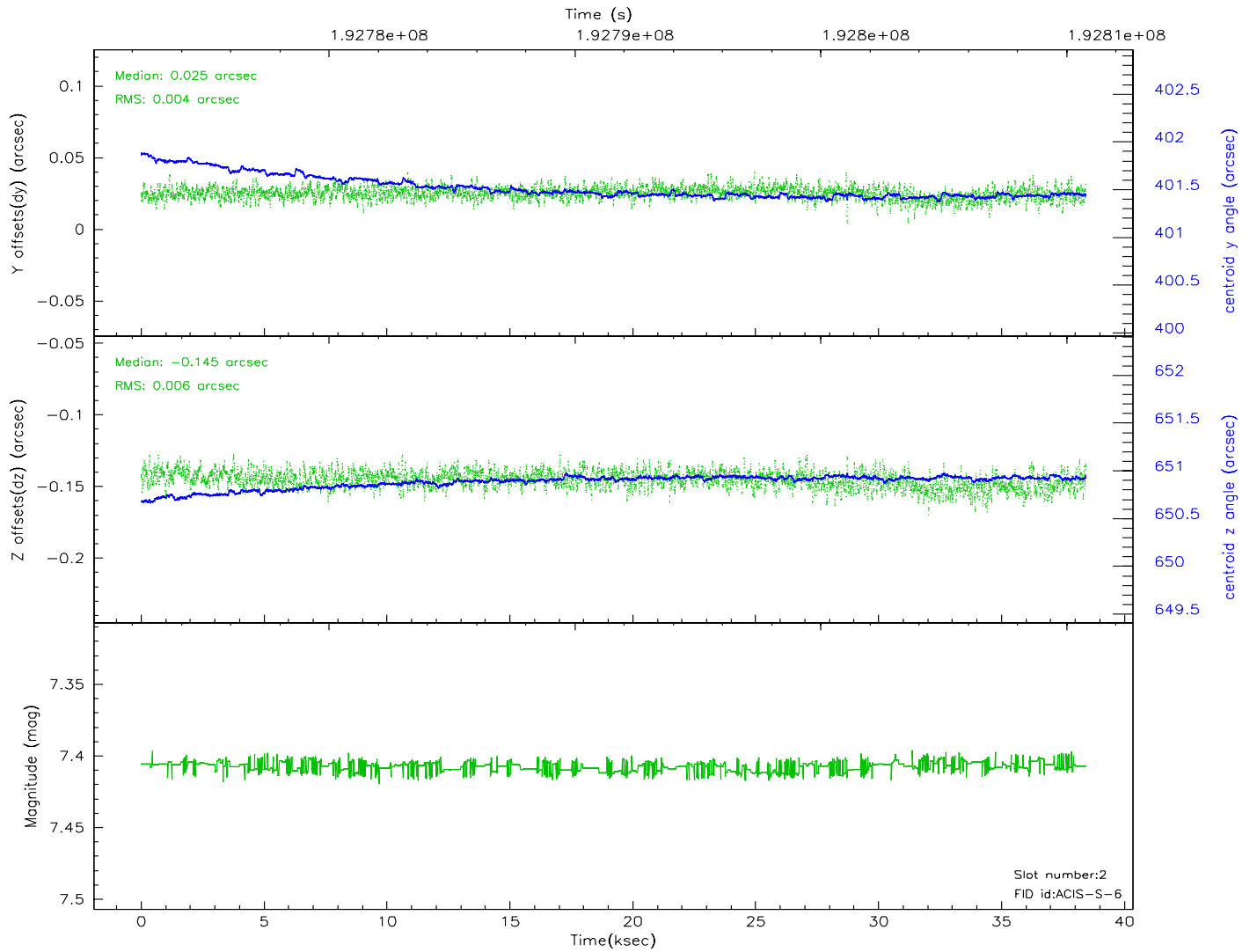
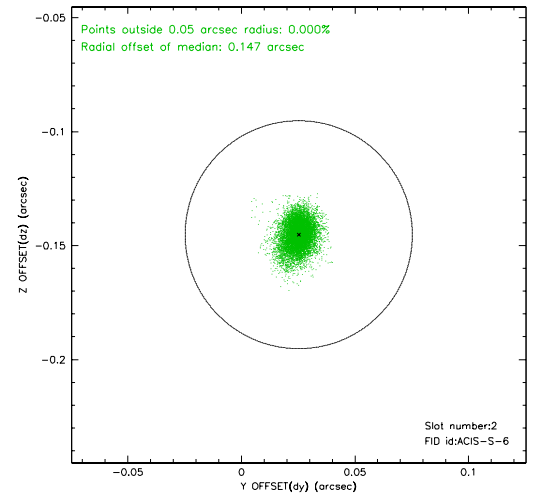
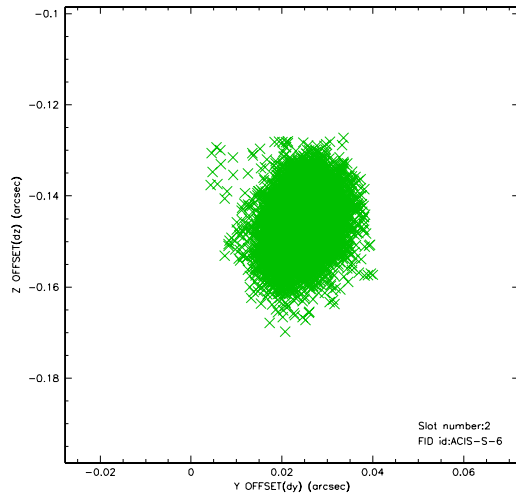
2.5.1 Slot 0



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)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.438

A.2 Comments

Monitor constraint met.

The ACIS focal plane temperature increases by a degree over the course of the observation.