

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4878 - L2 Version 001
Chandra X-Ray Center

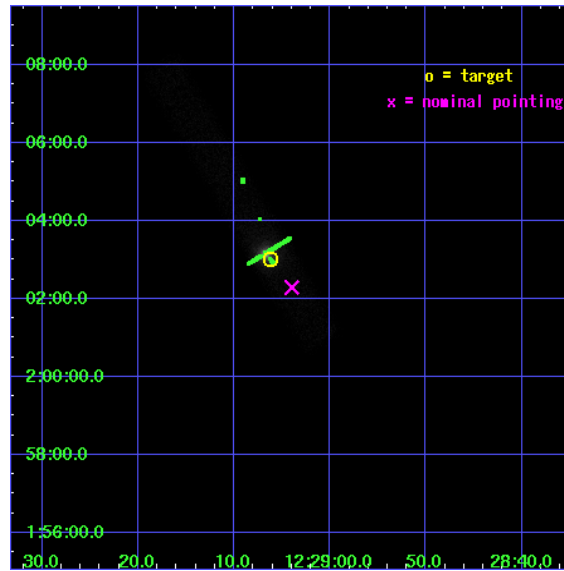
L2 Processing Date : May 20 2006

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1 Front

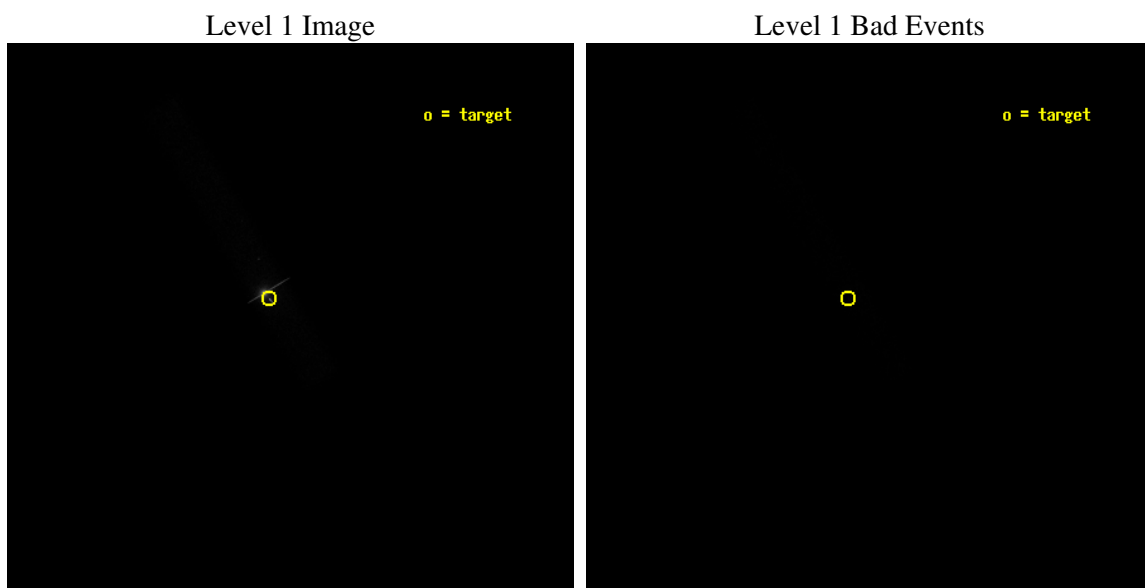
seq_num	700960
obs_id	4878
title	The X-ray emission mechanism in 3C273's jet
observer	Dr. Sebastian Jester
object	3C273-JET
dtcycle	0
cycle	P
ra_targ	187.275833
dec_targ	2.050111
ra_nom	187.26663524644
dec_nom	2.0381263478336
roll_nom	239.01356949029
revision	2
ontime	37590.000560135
livetime	34092.146345125
ontime7	37590.000560135
l2events	99101



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	2006-05-20T11:41:14
revision	2

sched_exp_time	37406.786000
ontime	38510.808027565
ontime7	38510.808027565
l1events	202147

2.1.4 Events

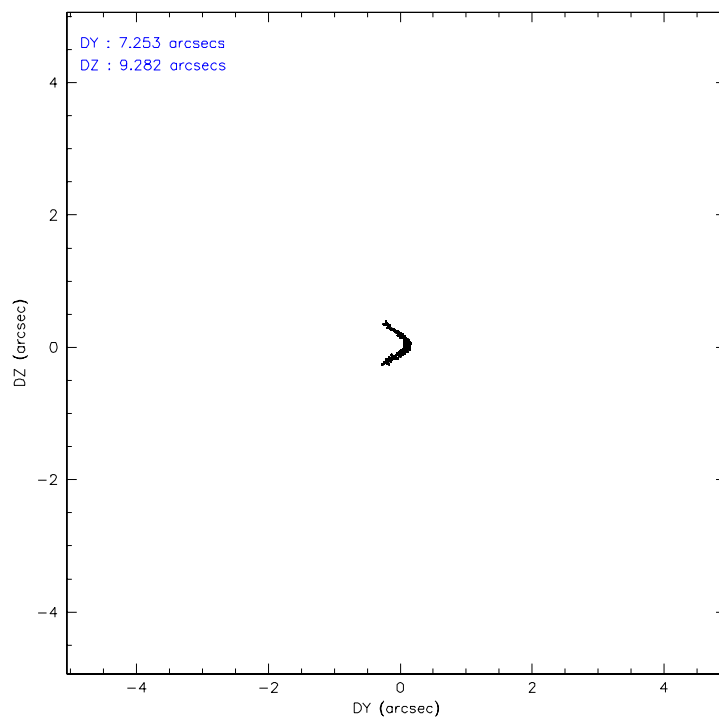
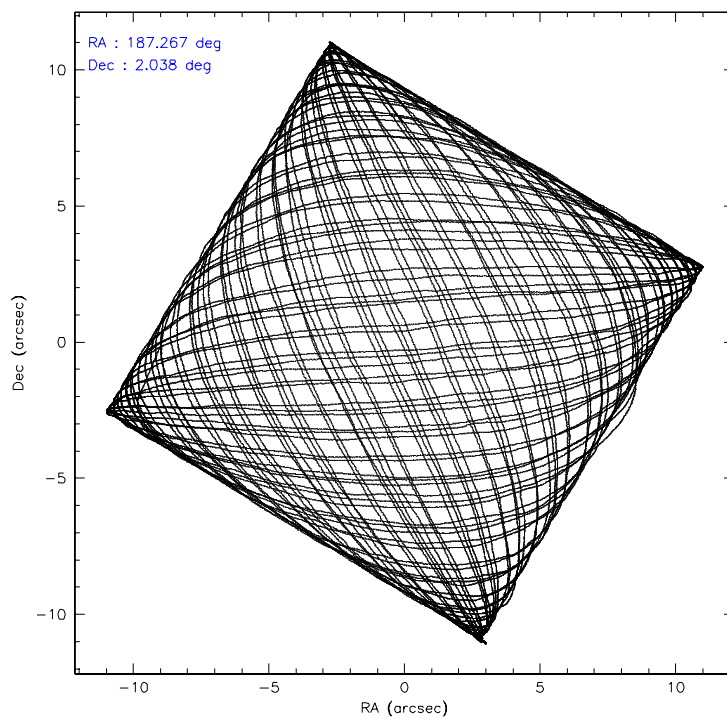
	ccd 7
level 1 events	202147
rejected events	102419
rejected %	50%

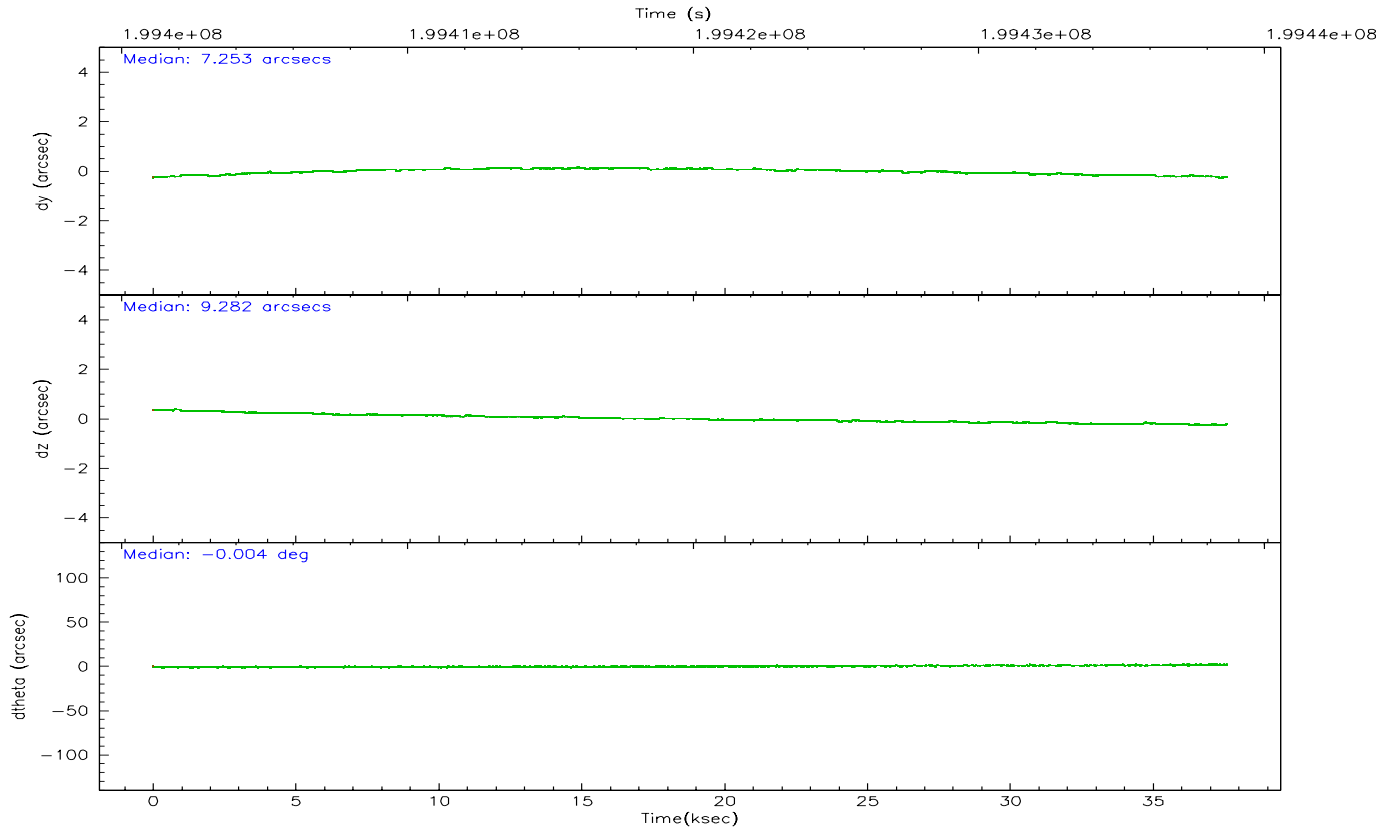
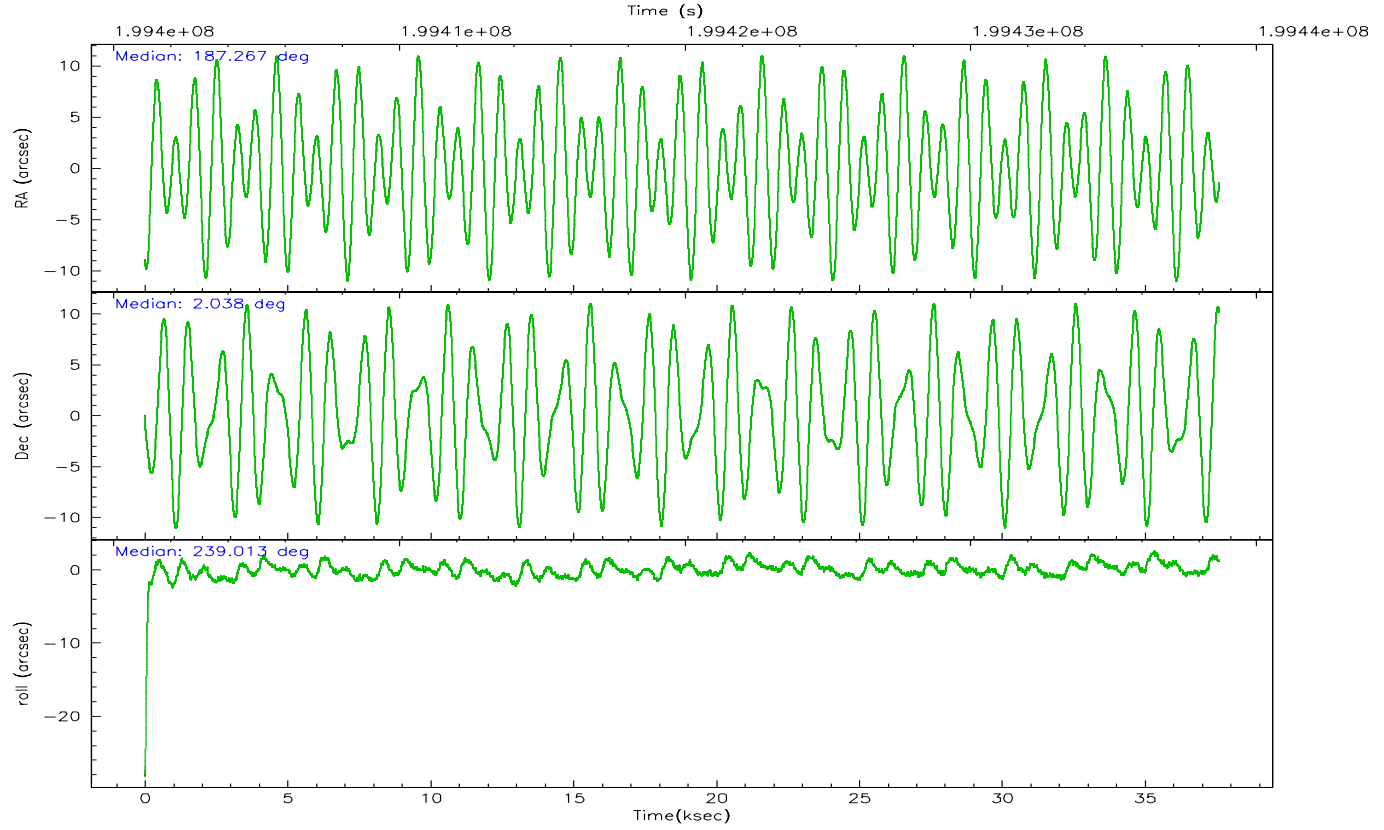
	ccd 7
grade 0 events	19894
	9%
grade 1 events	1799
	0%
grade 2 events	20345
	10%
grade 3 events	9836
	4%
grade 4 events	9286
	4%
grade 5 events	12628
	6%
grade 6 events	41108
	20%
grade 7 events	87251
	43%

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	187.266728	187.2666352464391	Subarray start row	115	115
Pointing Dec	2.065347	2.038126347833585	Subarray row count	128	128
Pointing Roll	238.856947	239.0135694902935	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	-182.1370004450064			
SIM translation stage offset (mm)	-8	-7.995522138001405			
Observation start time	199401283.184000	199400179.92778			
Observation start date	2004-04-26T21:13:39	2004-04-26T20:56:19			
Observation end time	199438690.184000	199439004.36699			
Observation end date	2004-04-27T07:37:06	2004-04-27T07:43:24			
Read mode	TIMED	TIMED			

2.3 Aspect



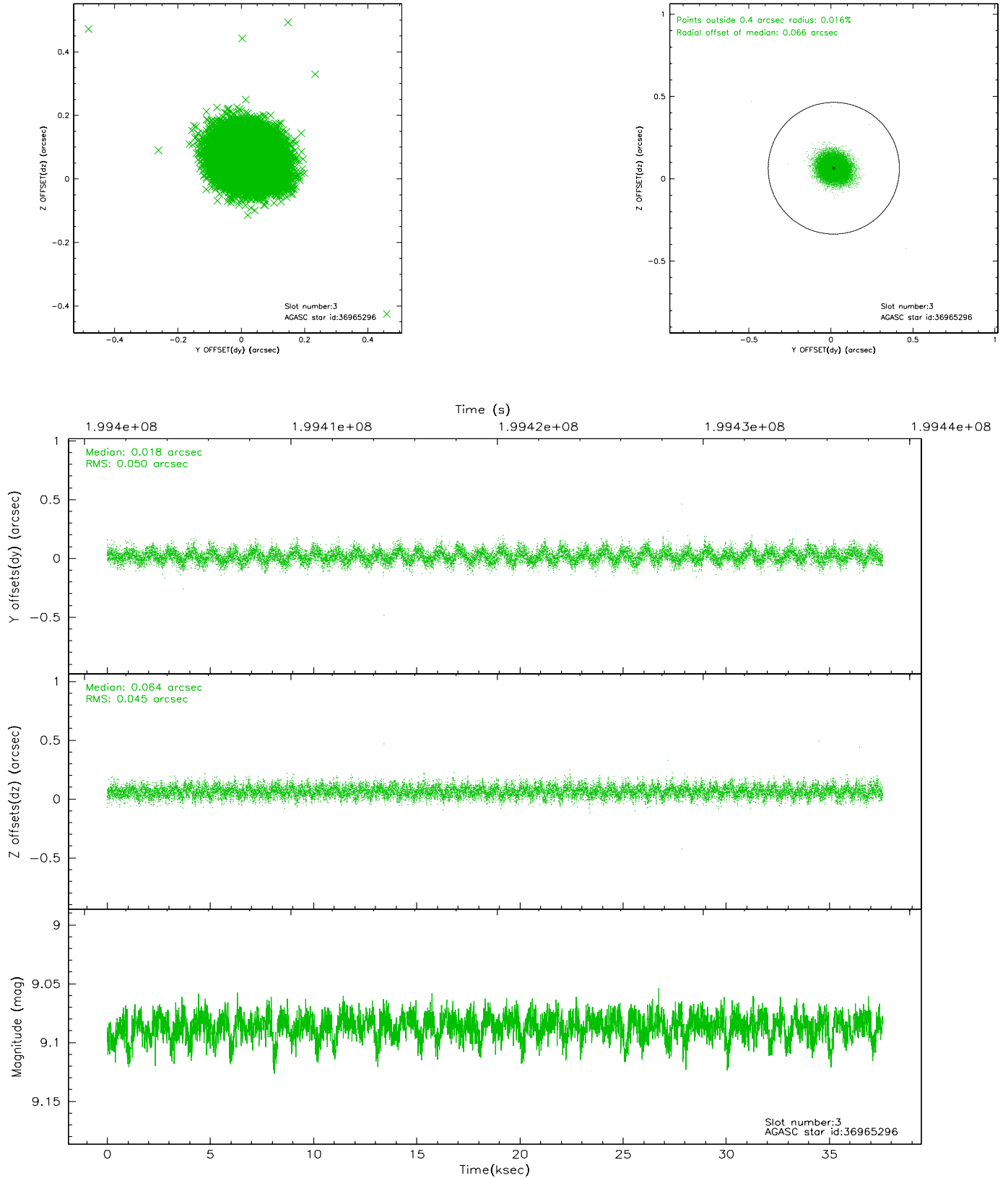


Slot Statistics

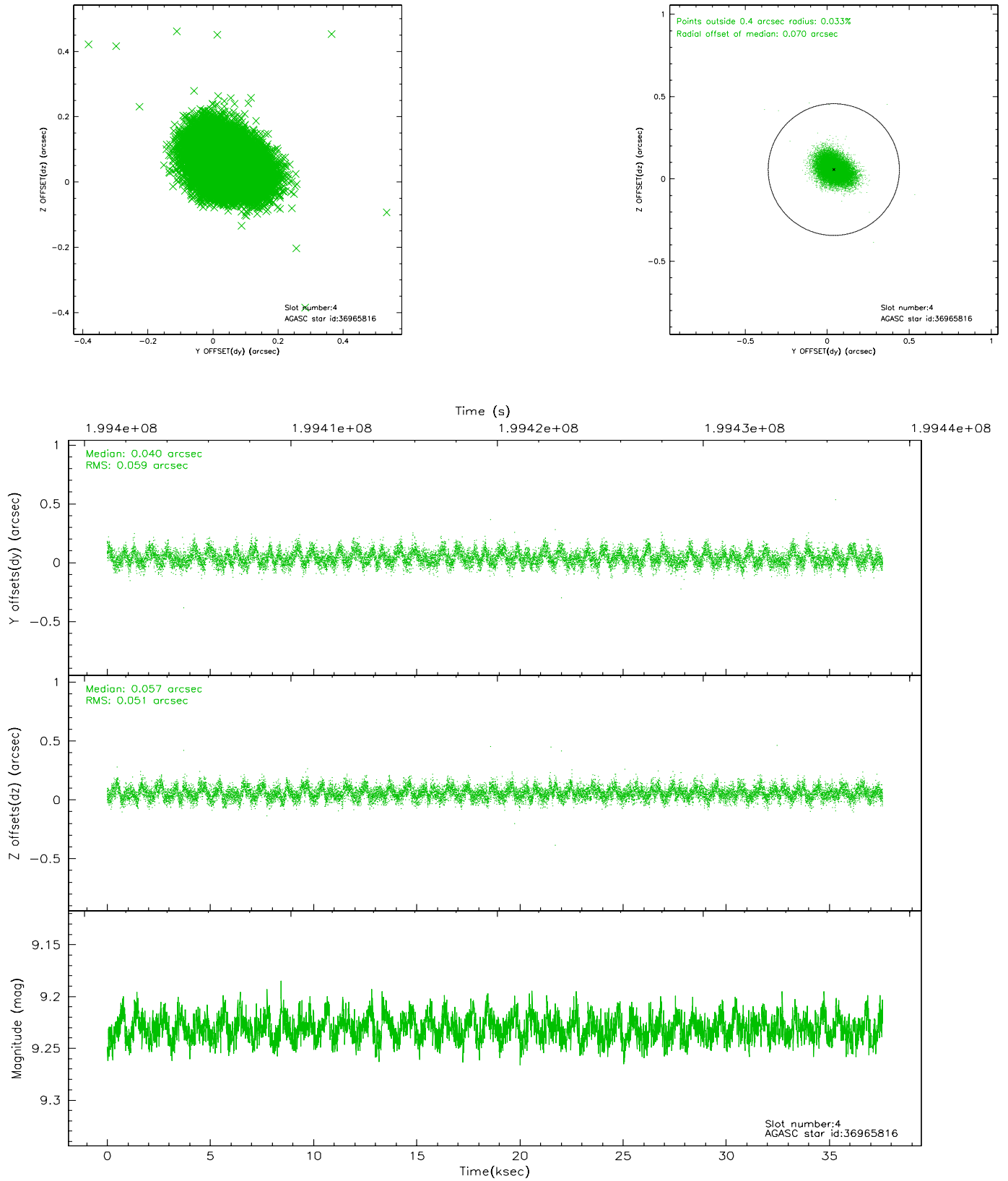
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	9169	-0.055	-0.074	0.010	0.020	0.000000	0.000000	-759.48	-1895.30
1	FID	ACIS-S-4	7.18	9169	0.058	0.046	0.006	0.011	0.000000	0.000000	2153.91	13.22
2	FID	ACIS-S-5	7.23	9168	-0.035	0.036	0.009	0.019	0.000000	0.000000	-1812.26	6.94
3	GUIDE	36965296	9.09	18329	0.018	0.064	0.071	0.116	186.926292	1.837429	1336.04	-624.03
4	GUIDE	36965816	9.23	18326	0.040	0.057	0.083	0.133	186.823353	1.771455	1730.93	-818.25
5	GUIDE	36965896	9.71	18317	0.067	-0.058	0.110	0.182	187.153754	1.617178	1591.63	486.50
6	GUIDE	37356352	7.71	18335	-0.169	-0.032	0.057	0.088	187.433784	2.618460	-2014.71	-515.56
7	GUIDE	36963280	9.66	18323	0.041	-0.032	0.108	0.181	186.985307	1.456816	2398.98	266.03

2.4 Star Slots

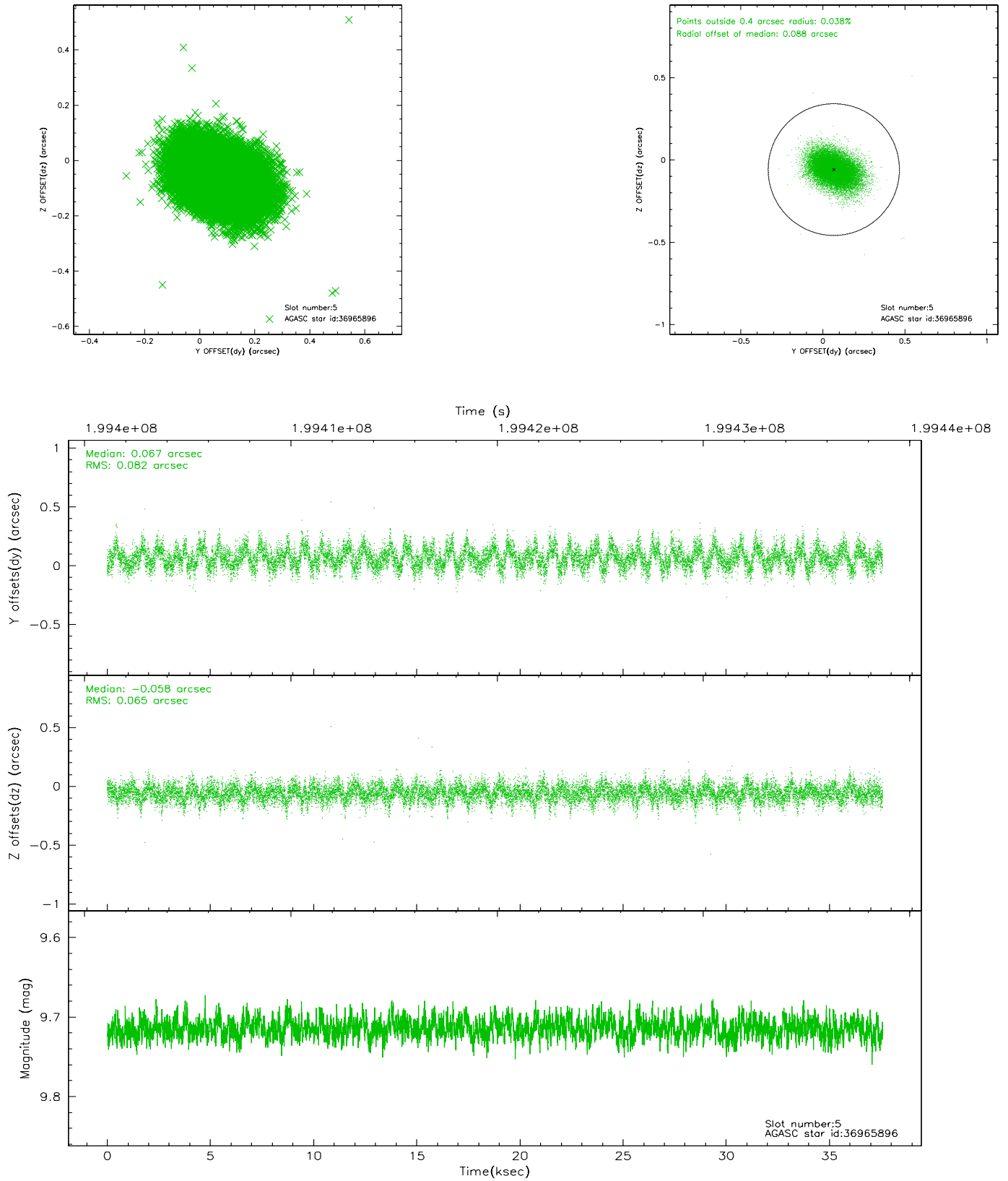
2.4.1 Slot 3



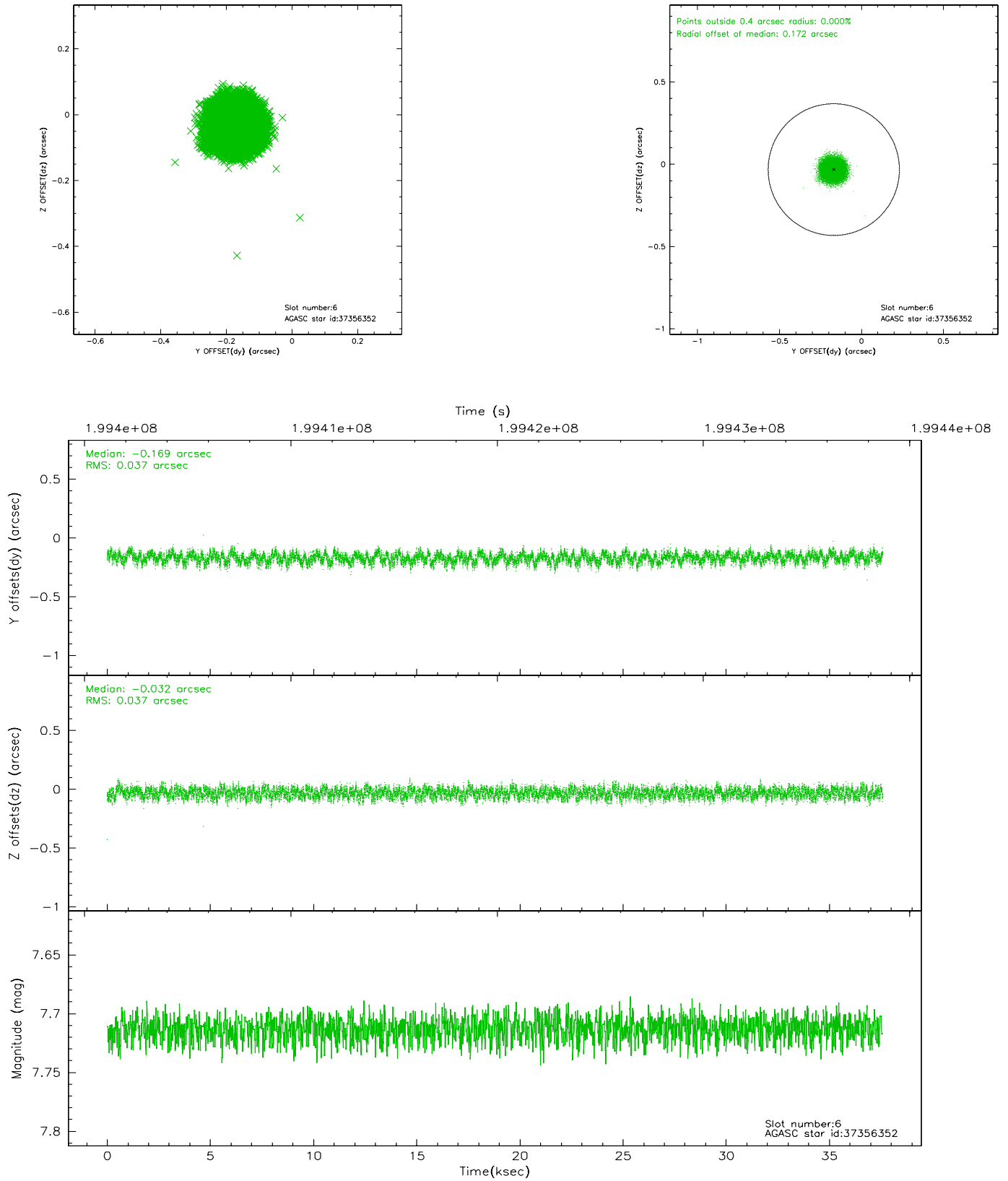
2.4.2 Slot 4



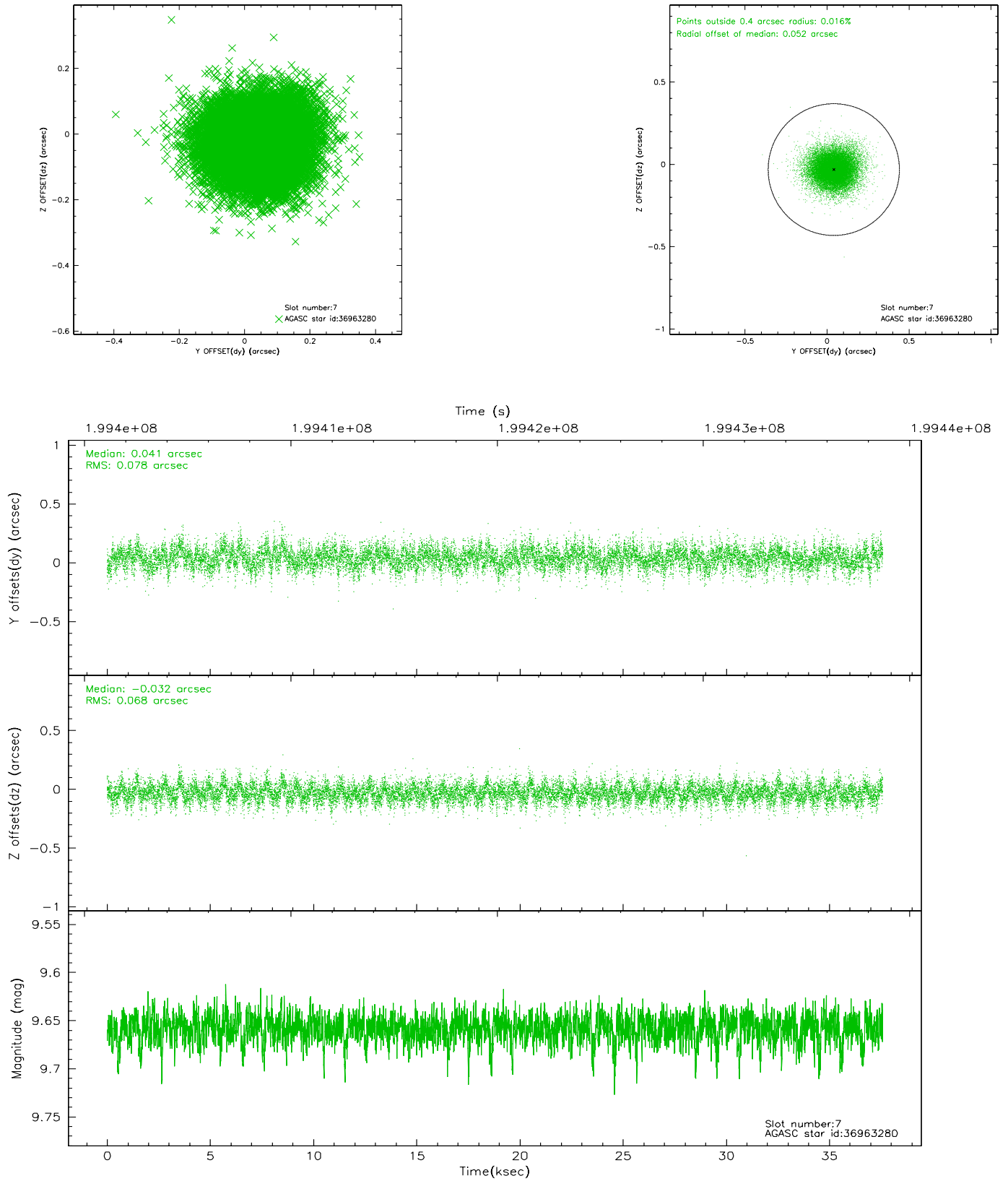
2.4.3 Slot 5



2.4.4 Slot 6

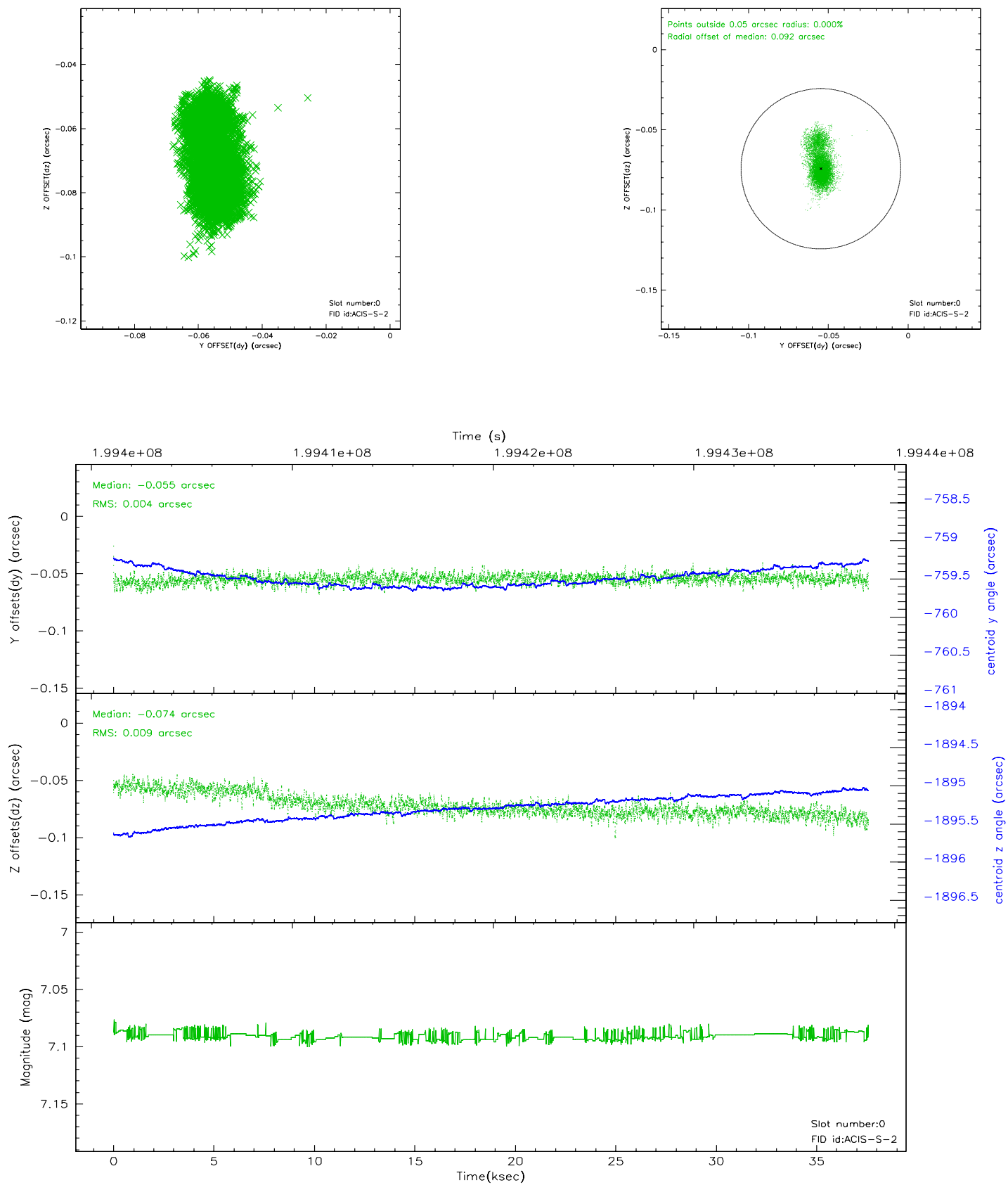


2.4.5 Slot 7

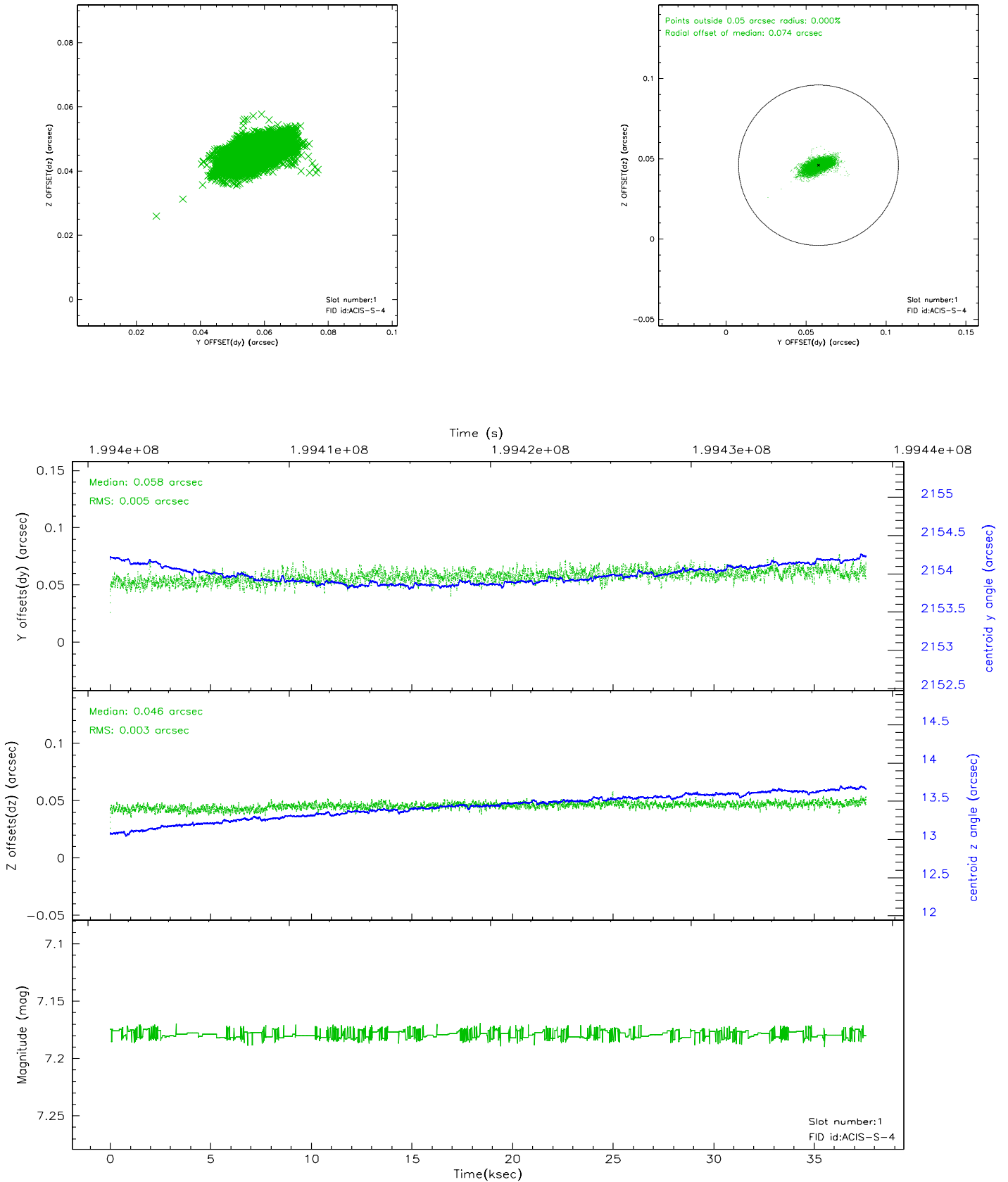


2.5 FID Slots

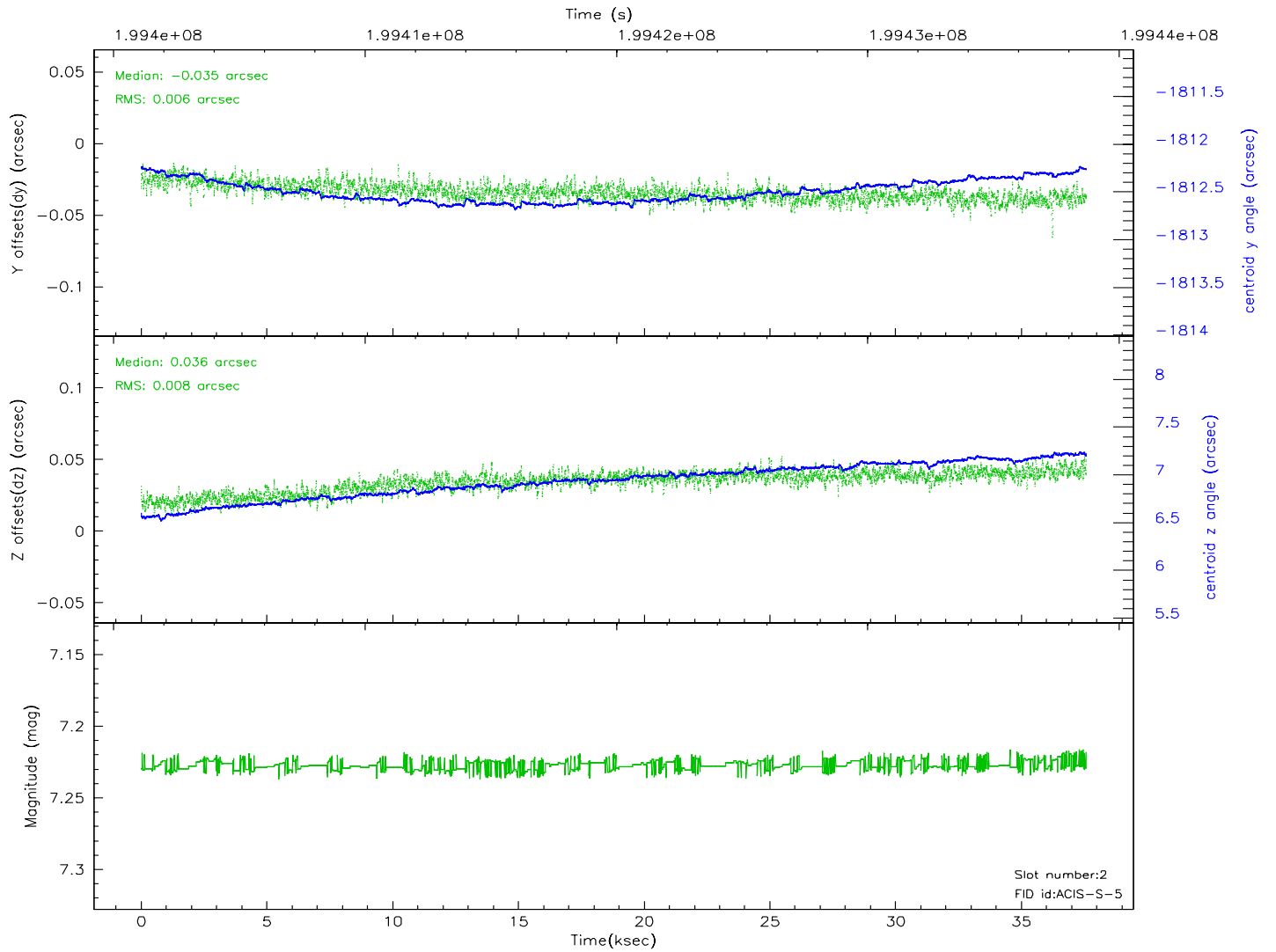
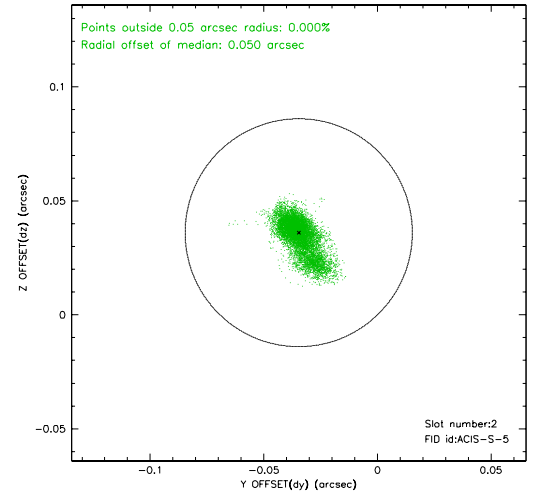
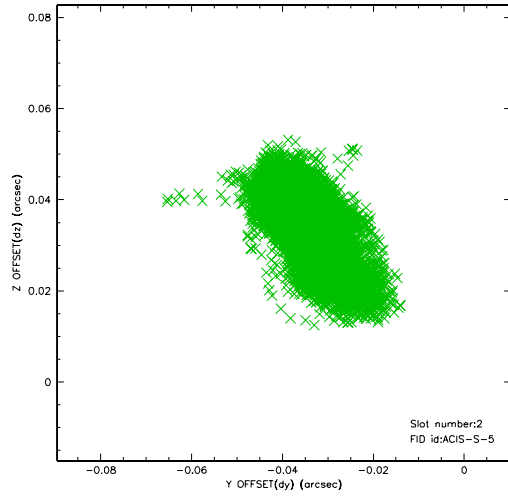
2.5.1 Slot 0



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)	2006.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	37.59

A.2 Comments