

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2175 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jun 9 2007

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1 Front

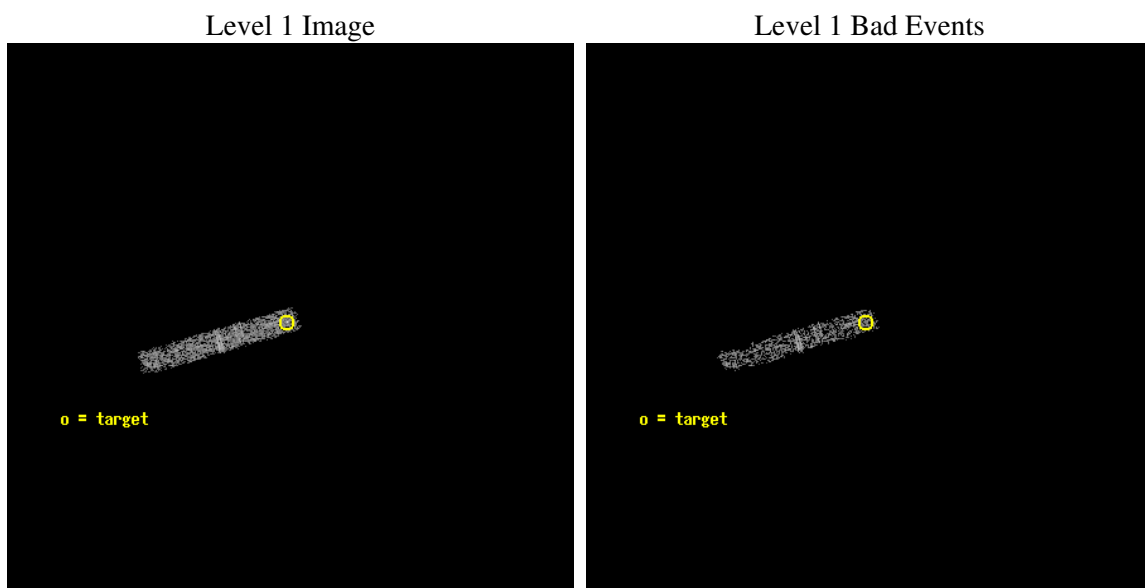
seq_num	700365
obs_id	2175
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. Belinda Wilkes
object	2MASSJ222554+1958
dtcycle	0
cycle	P
ra_targ	336.47625
dec_targ	19.976944
ra_nom	336.47306259324
dec_nom	19.973231186445
roll_nom	254.12591573499
revision	2
ontime	4256.9589599967
livetime	3934.051973973
ontime3	4256.9589599967
l2events	450



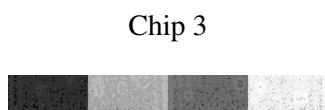
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-09T19:36:02
revision	2

sched_exp_time	4100.000000
ontime	4256.9589599967
ontime3	4256.9589599967
l1events	6851

2.1.4 Events

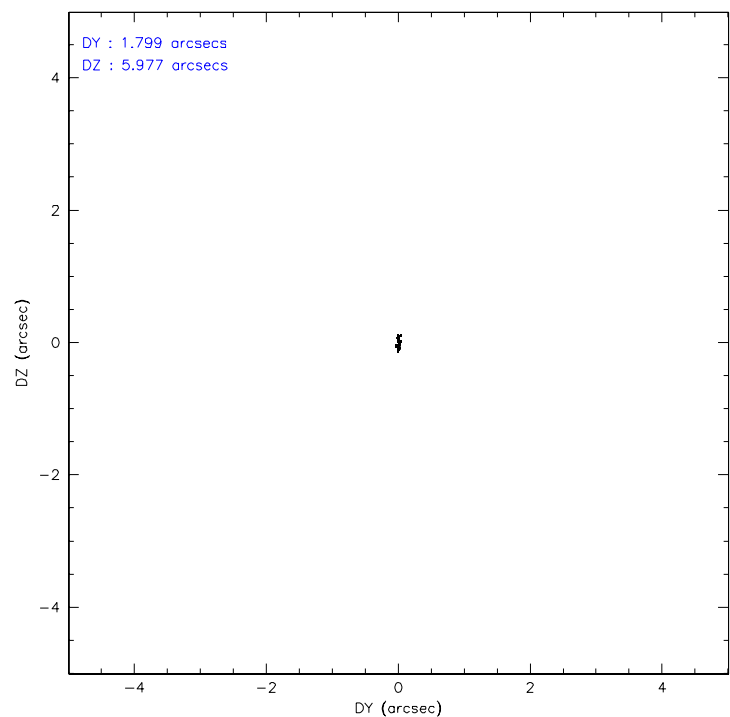
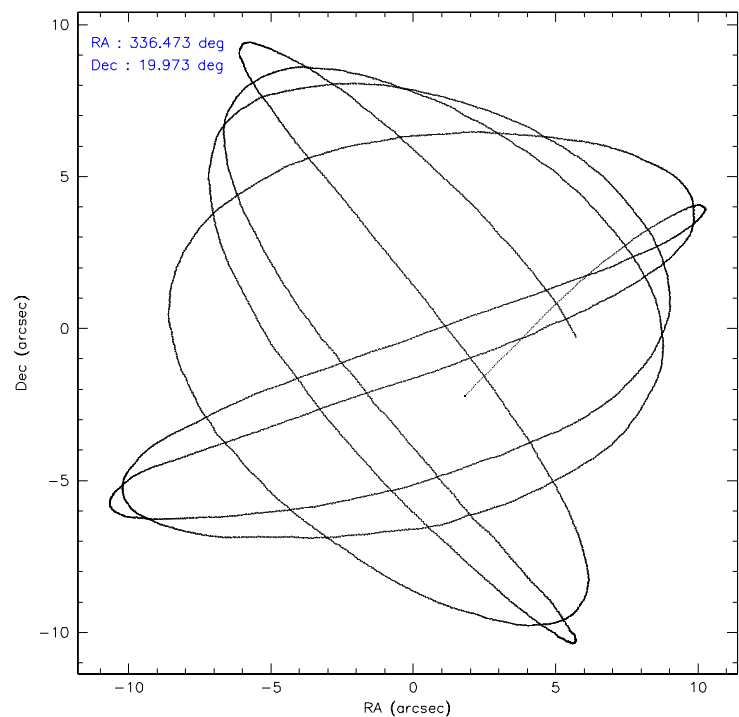
	ccd 3
level 1 events	6851
rejected events	6280
rejected %	91%

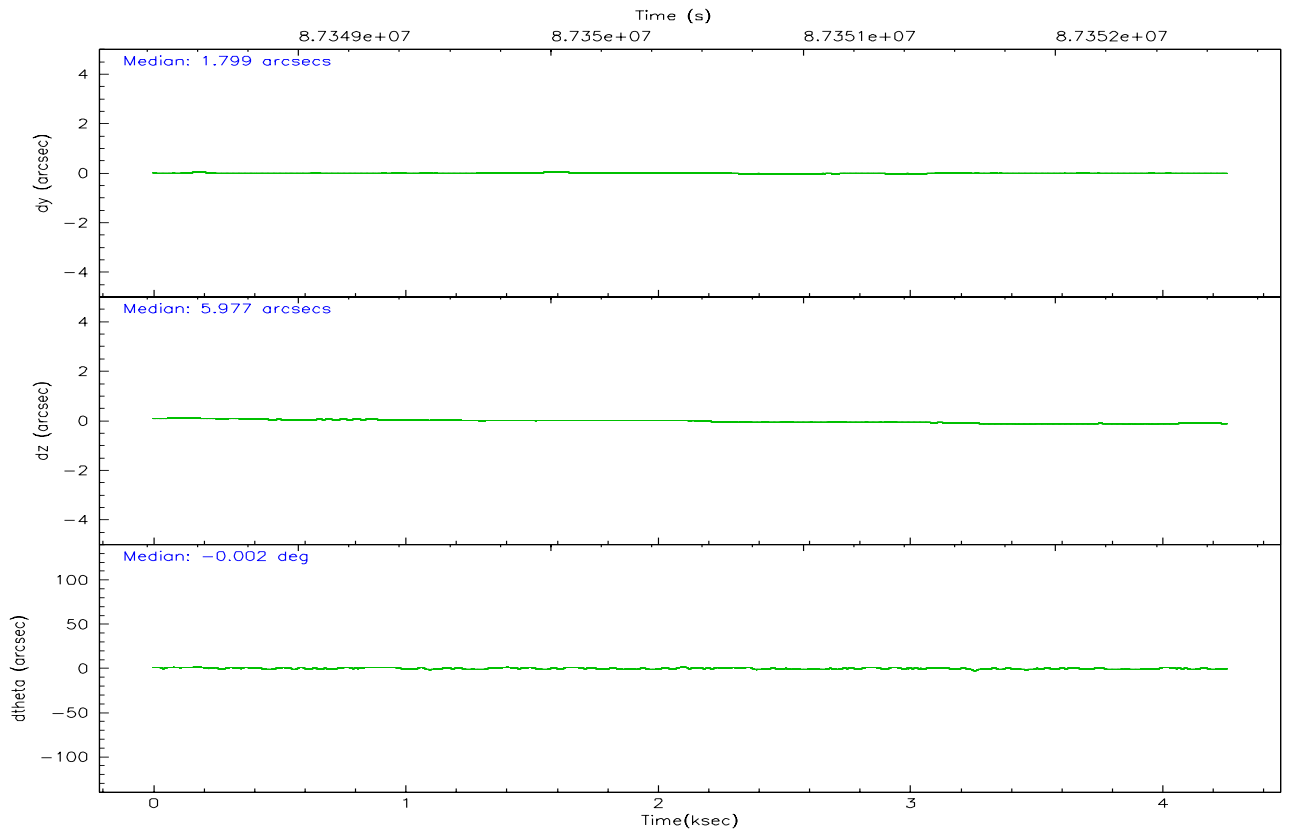
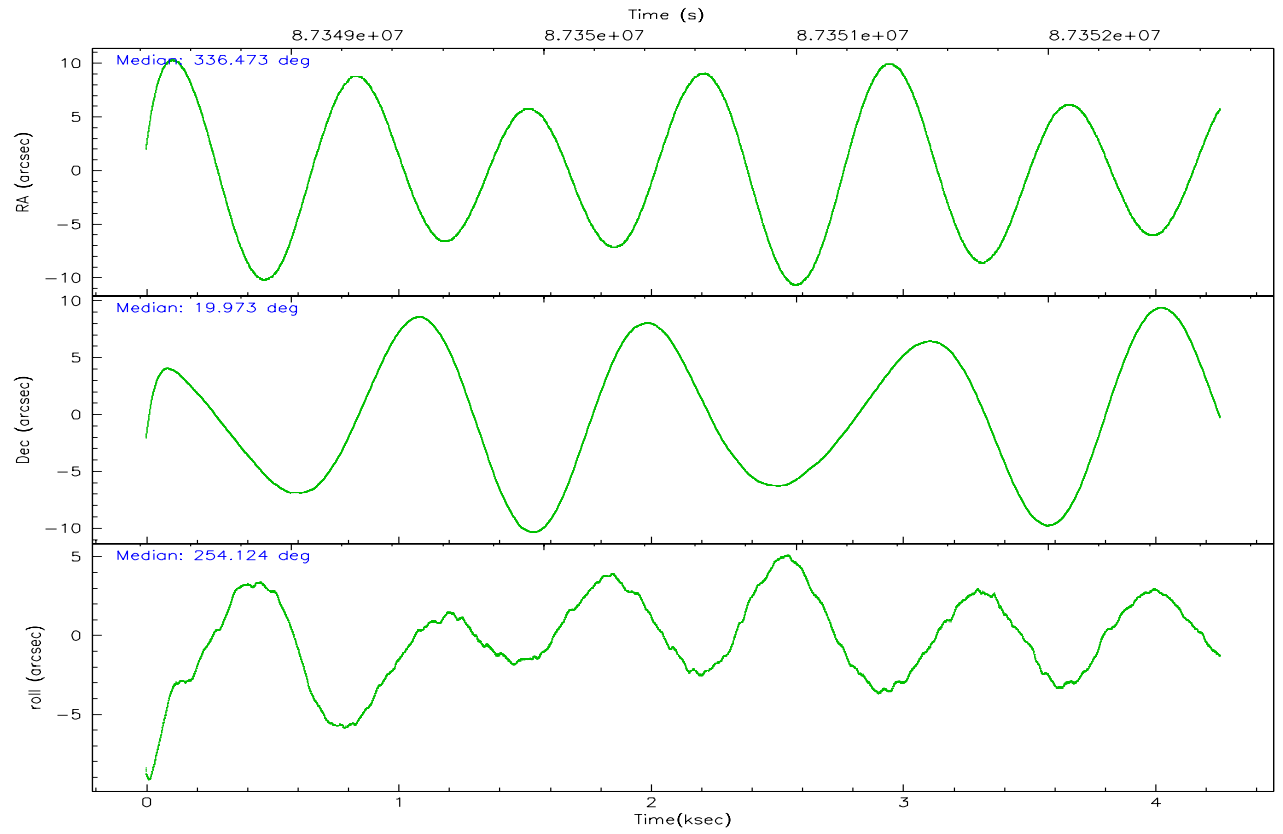
	ccd 3
grade 0 events	240
	3%
grade 1 events	1
	0%
grade 2 events	119
	1%
grade 3 events	117
	1%
grade 4 events	127
	1%
grade 5 events	144
	2%
grade 6 events	96
	1%
grade 7 events	6007
	87%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	336.465926	336.4730625932427	Subarray requested	1/8	1/8
Pointing Dec	19.999858	19.97323118644456	Subarray start row	0	897
Pointing Roll	253.919676	254.1259157349916	Subarray row count	1024	128
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.5
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	87348579.184000	87347461.30929101			
Observation start date	2000-10-07T23:28:35	2000-10-07T23:11:01			
Observation end time	87352679.184000	87352994.772			
Observation end date	2000-10-08T00:36:55	2000-10-08T00:43:14			
Read mode	TIMED	TIMED			

2.3 Aspect



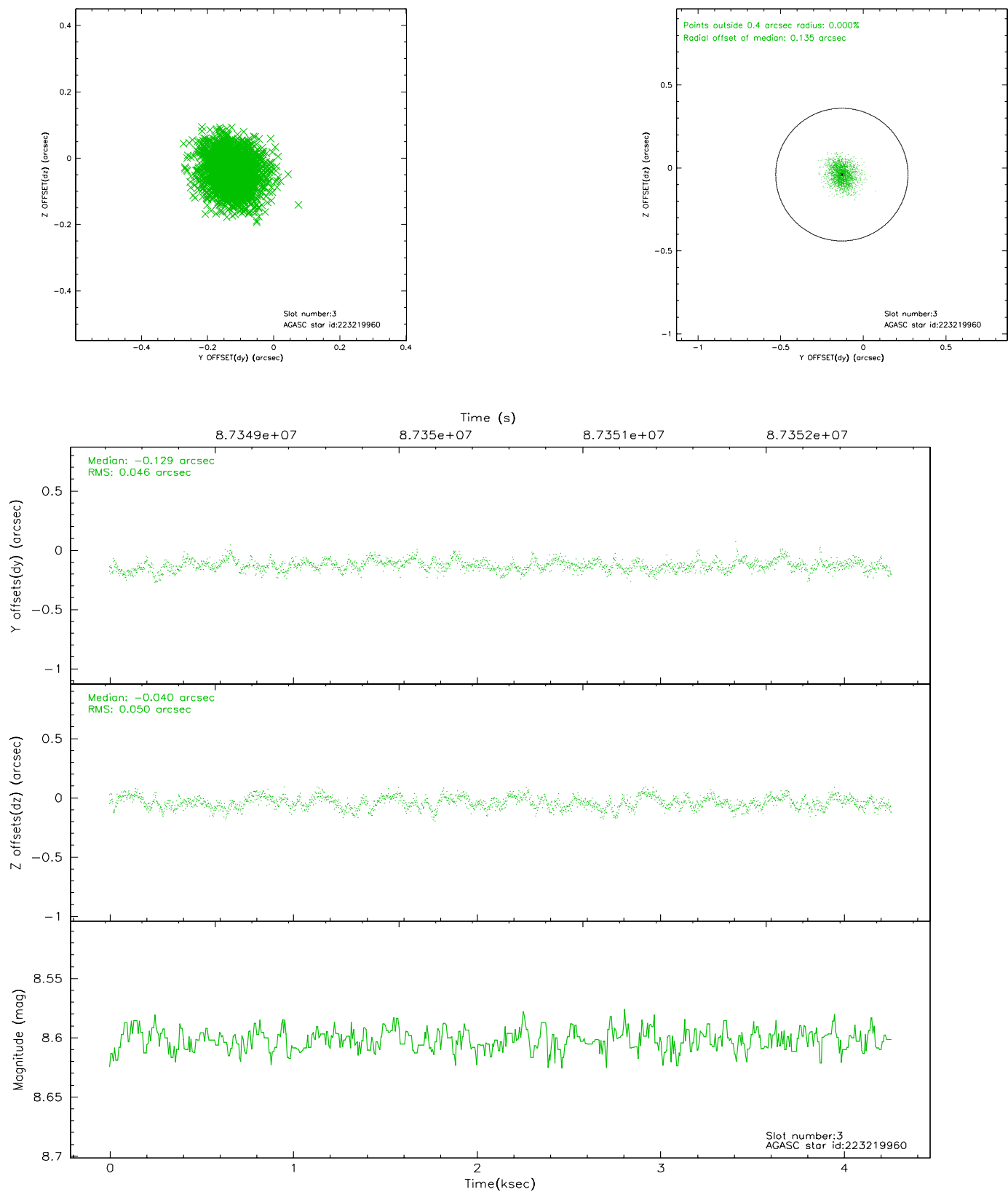


Slot Statistics

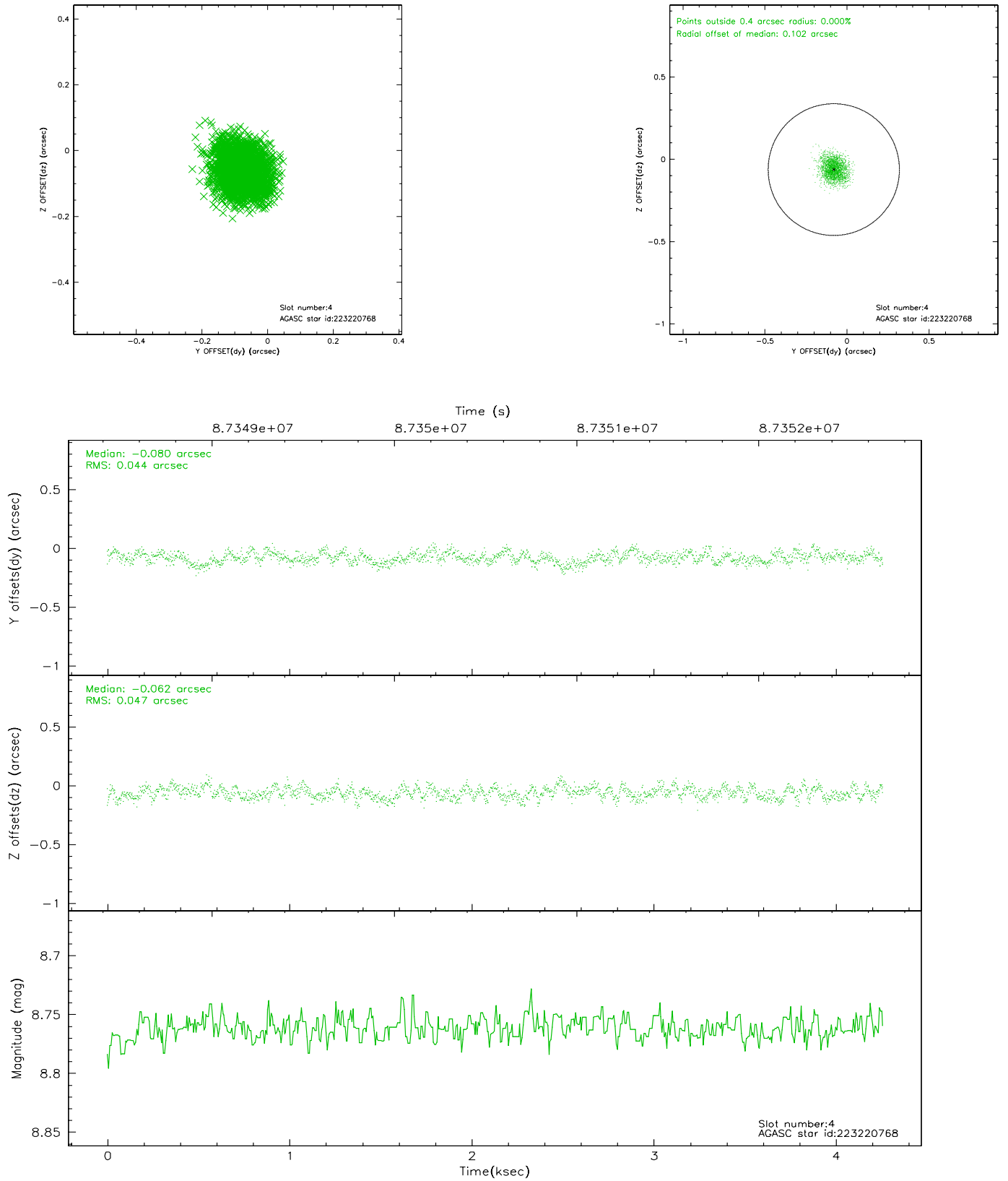
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.16	1038	-0.029	-0.039	0.008	0.013	0.000000	0.000000	-756.17	-835.73
1	FID	ACIS-I-4	7.18	1039	-0.070	0.036	0.006	0.010	0.000000	0.000000	2157.18	1069.80
2	FID	ACIS-I-5	7.23	1039	-0.002	0.072	0.008	0.013	0.000000	0.000000	-1808.10	1069.33
3	GUIDE	223219960	8.60	2078	-0.129	-0.040	0.073	0.119	336.624983	20.295254	-1170.24	220.83
4	GUIDE	223220768	8.76	2078	-0.080	-0.062	0.070	0.109	336.138894	20.276133	-650.67	-1337.48
5	GUIDE	223223880	9.35	2077	0.022	0.135	0.083	0.130	336.740616	19.239627	2370.82	1654.11
6	GUIDE	223223472	9.44	2076	0.103	0.054	0.091	0.149	336.930469	19.385835	1686.88	2127.95
7	GUIDE	223225704	9.52	2075	0.090	-0.090	0.087	0.142	336.445393	19.526420	1658.60	405.61

2.4 Star Slots

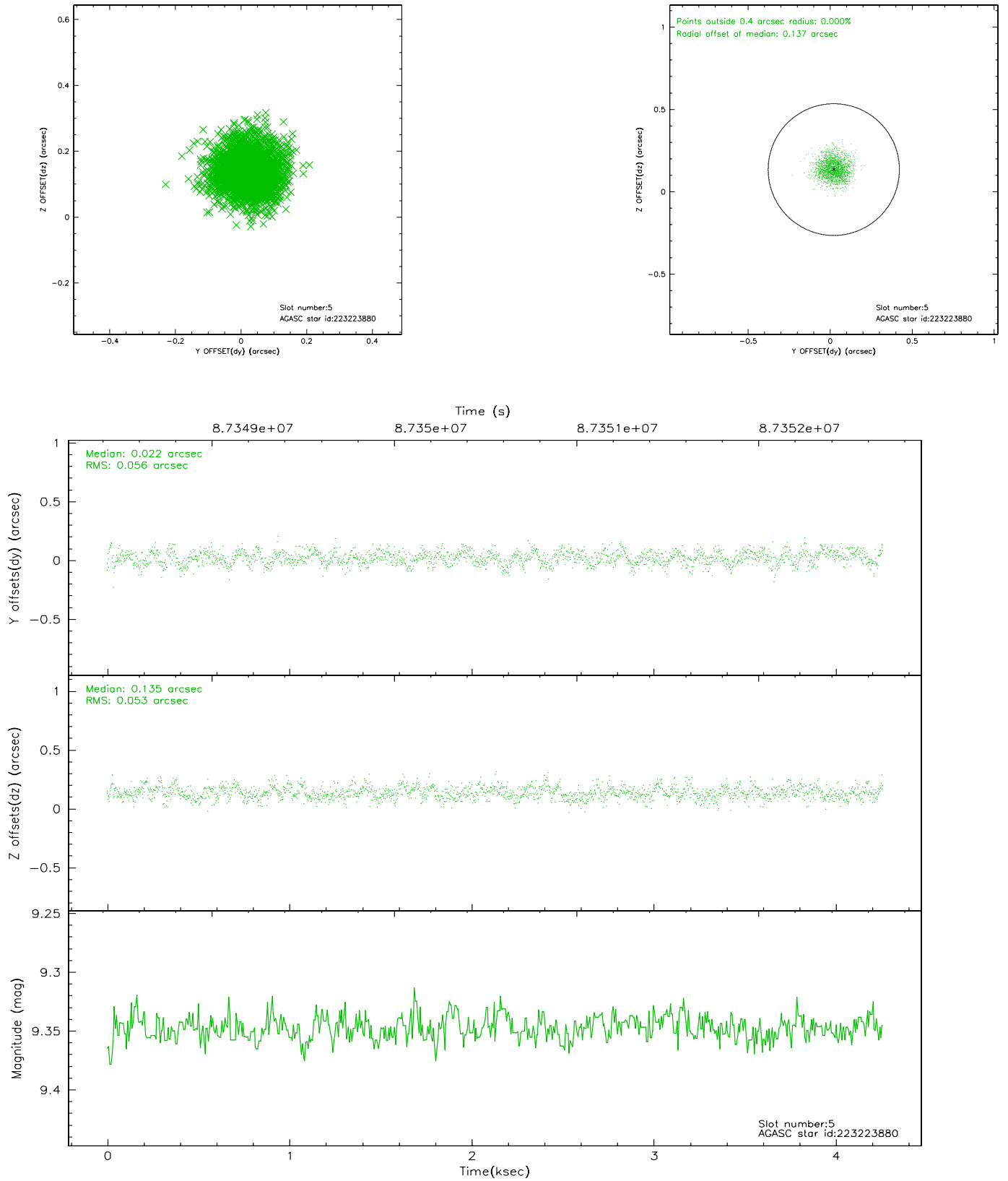
2.4.1 Slot 3



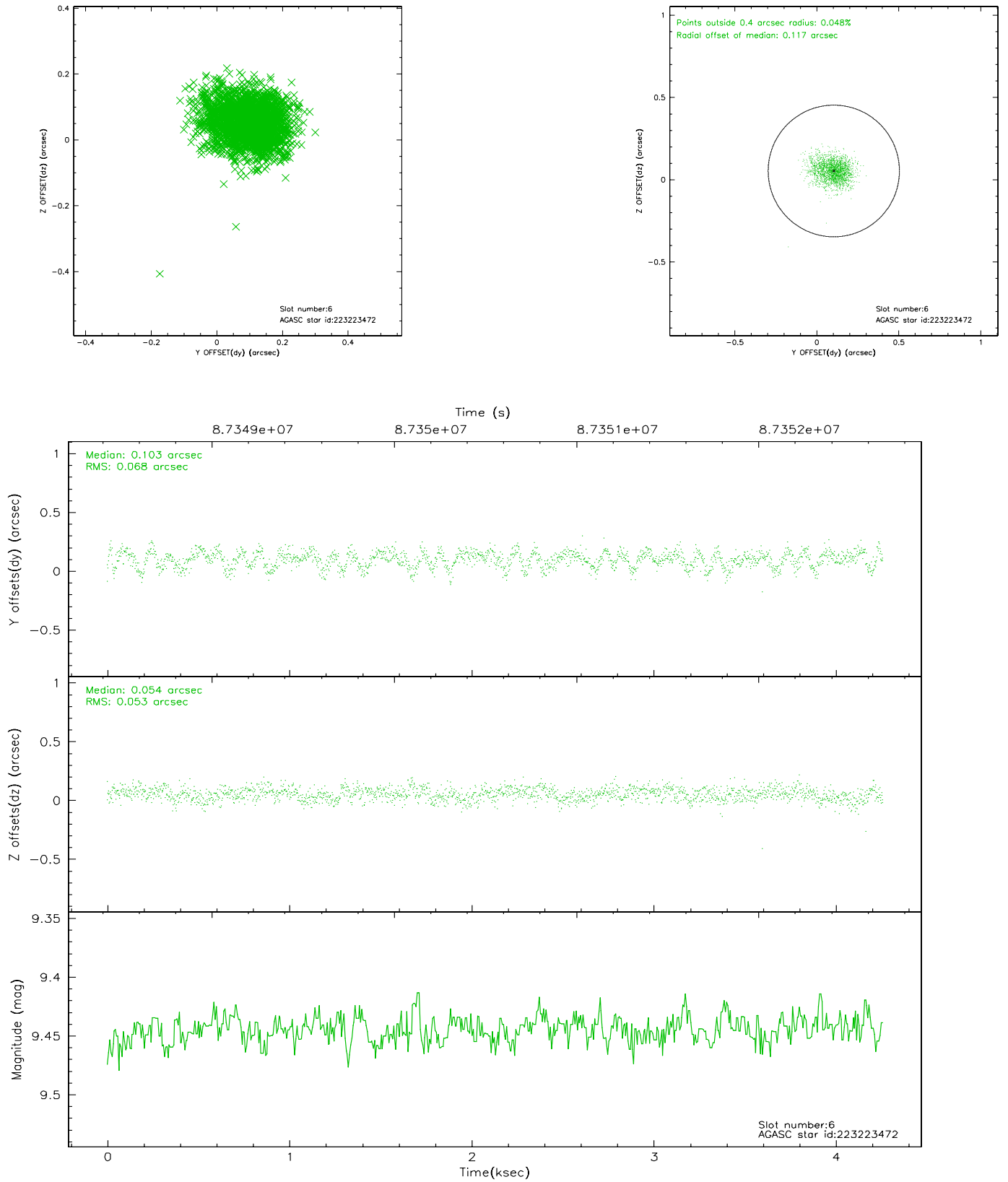
2.4.2 Slot 4



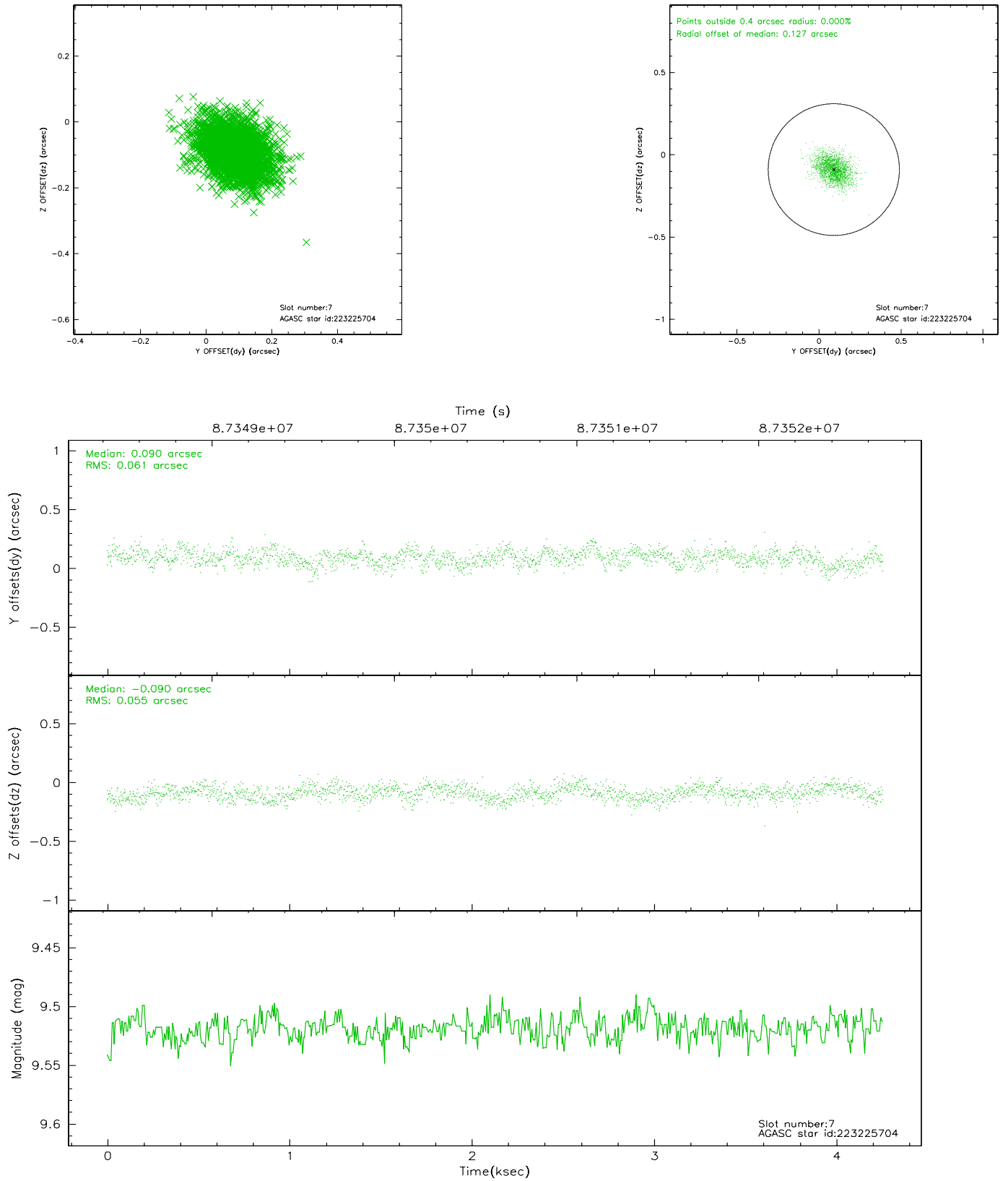
2.4.3 Slot 5



2.4.4 Slot 6

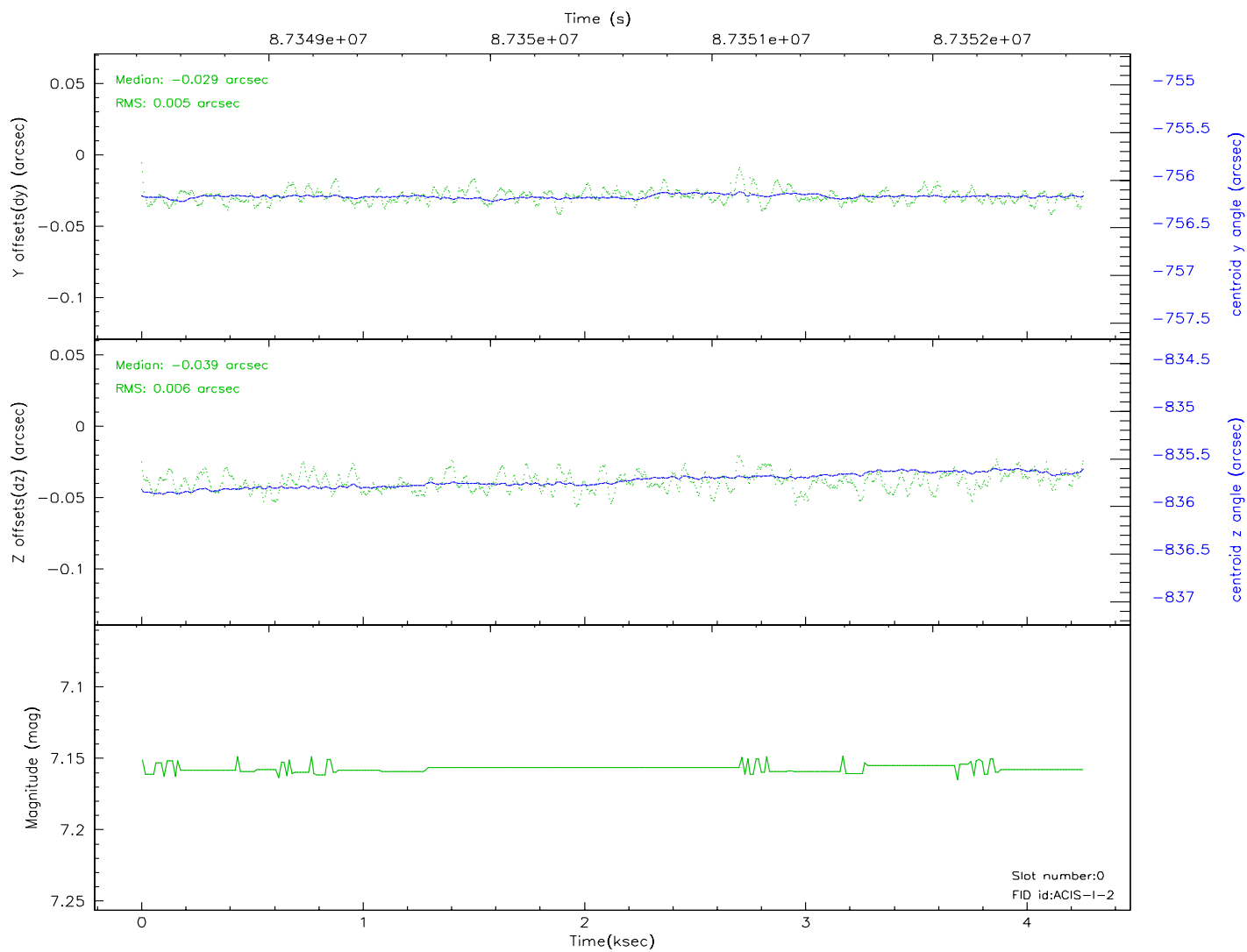
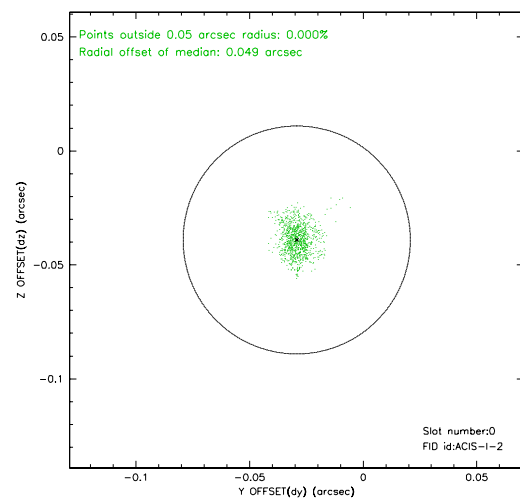
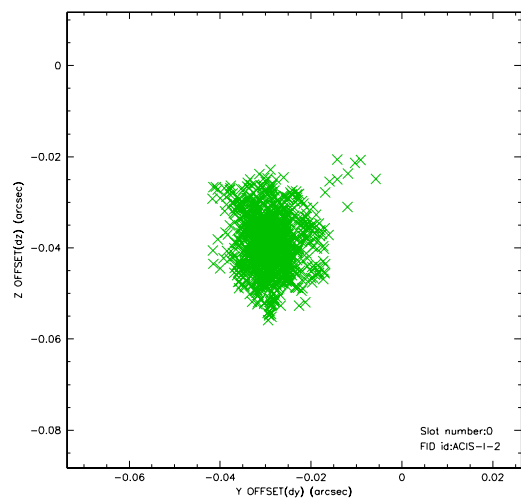


2.4.5 Slot 7

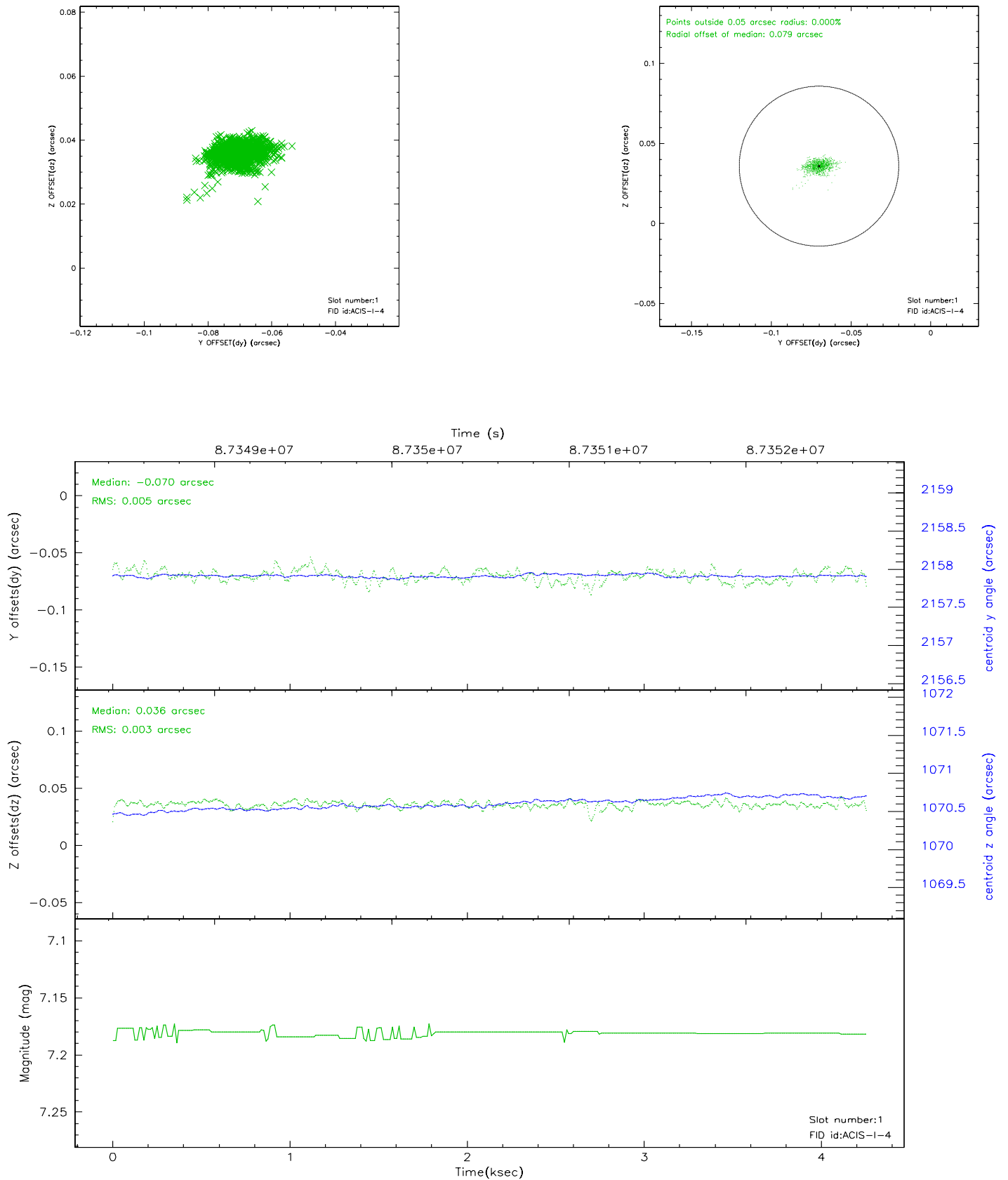


2.5 FID Slots

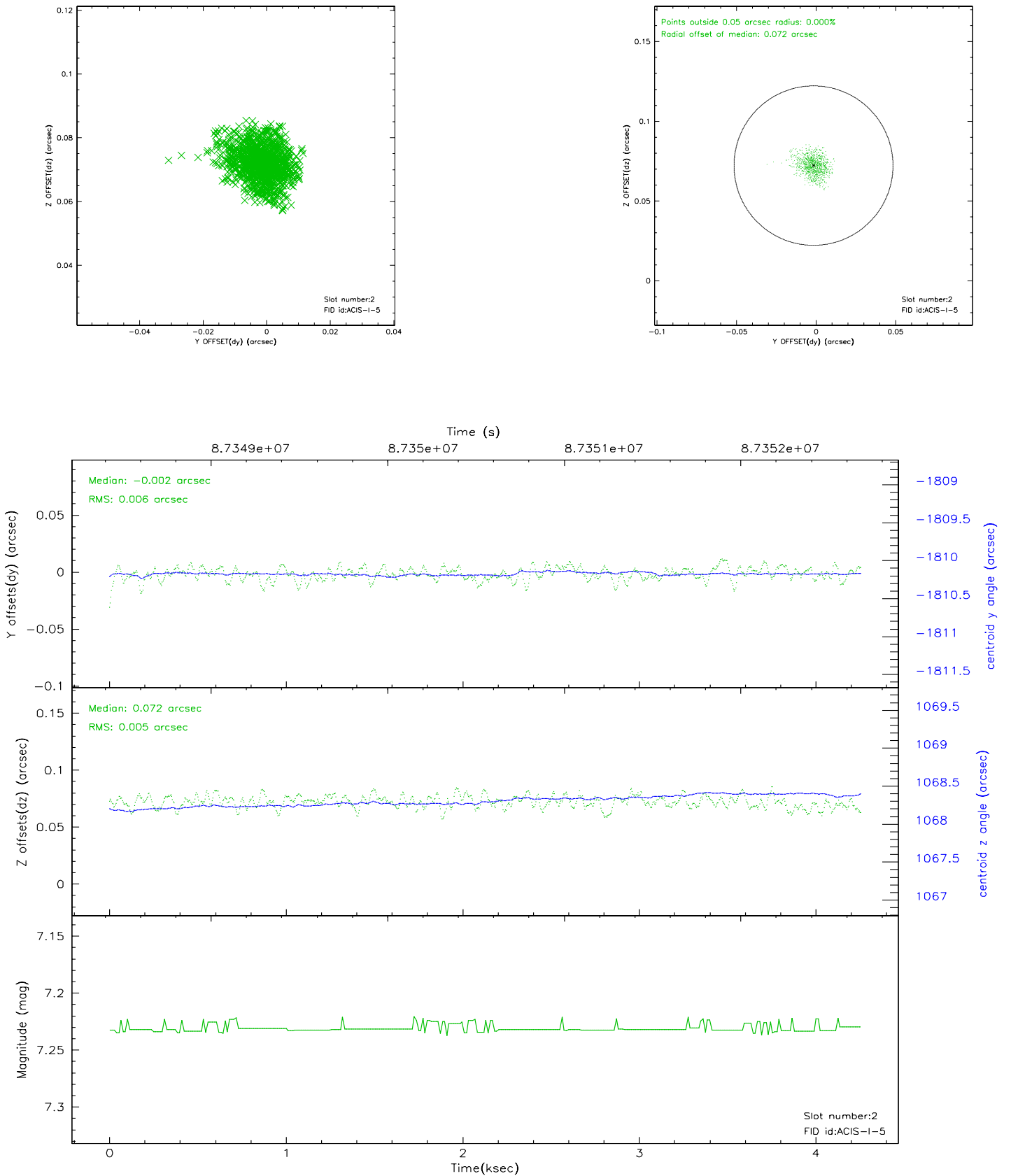
2.5.1 Slot 0



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)	2007.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.257

A.2 Comments