

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 865 - L2 Version 001
Chandra X-Ray Center

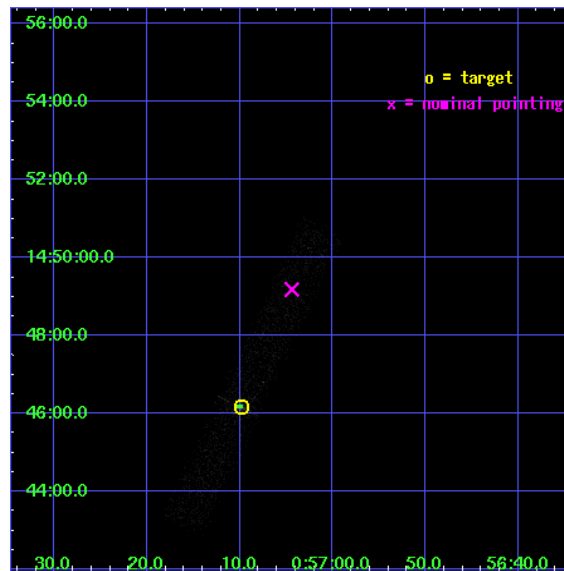
L2 Processing Date : May 31 2007

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1 Front

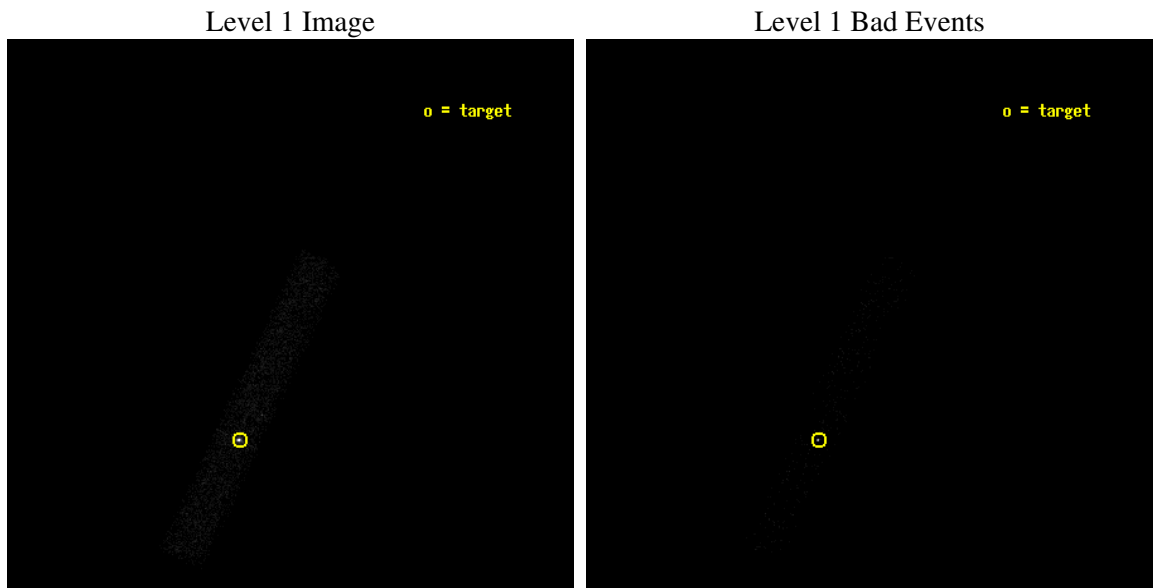
seq_num	700170
obs_id	865
title	X-RAY ABSORPTION IN MODERATE REDSHIFT DAMPED LYMAN ALPHA GALAXIES
observer	Dr. Jill Bechtold
object	Q0054+144
dtcycle	0
cycle	P
ra_targ	14.290833
dec_targ	14.769917
ra_nom	14.268399915021
dec_nom	14.819784523978
roll_nom	115.50294885377
revision	3
ontime	5138.0000765622
livetime	4659.8948635608
ontime7	5138.0000765622
l2events	8936



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-01T02:22:24
revision	3

sched_exp_time	5000.000000
ontime	5138.0000765622
ontime7	5138.0000765622
l1events	13099

2.1.4 Events

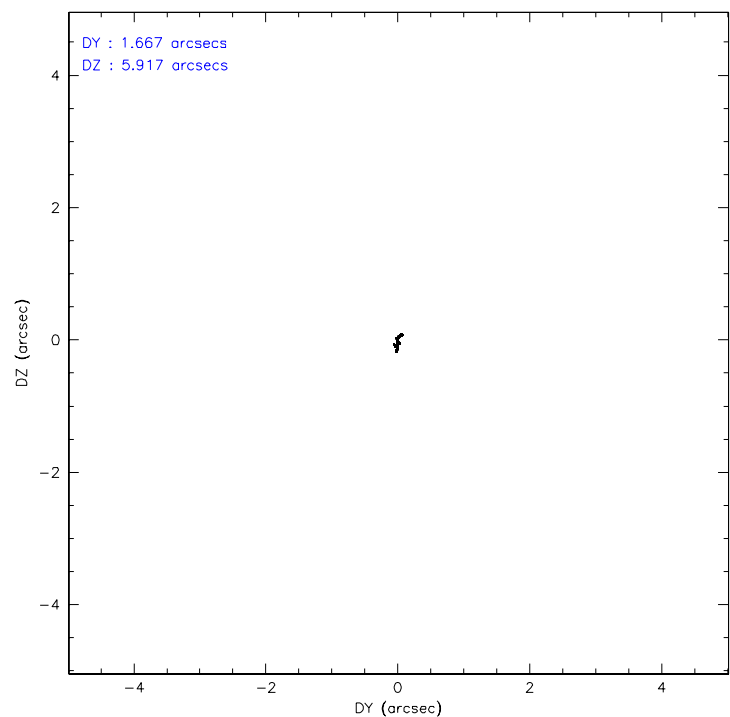
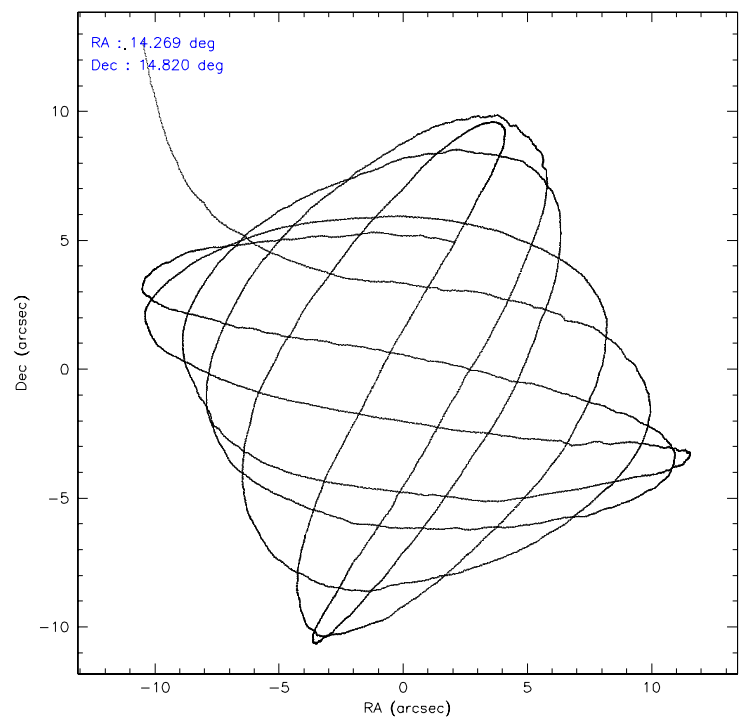
	ccd 7
level 1 events	13099
rejected events	4054
rejected %	30%

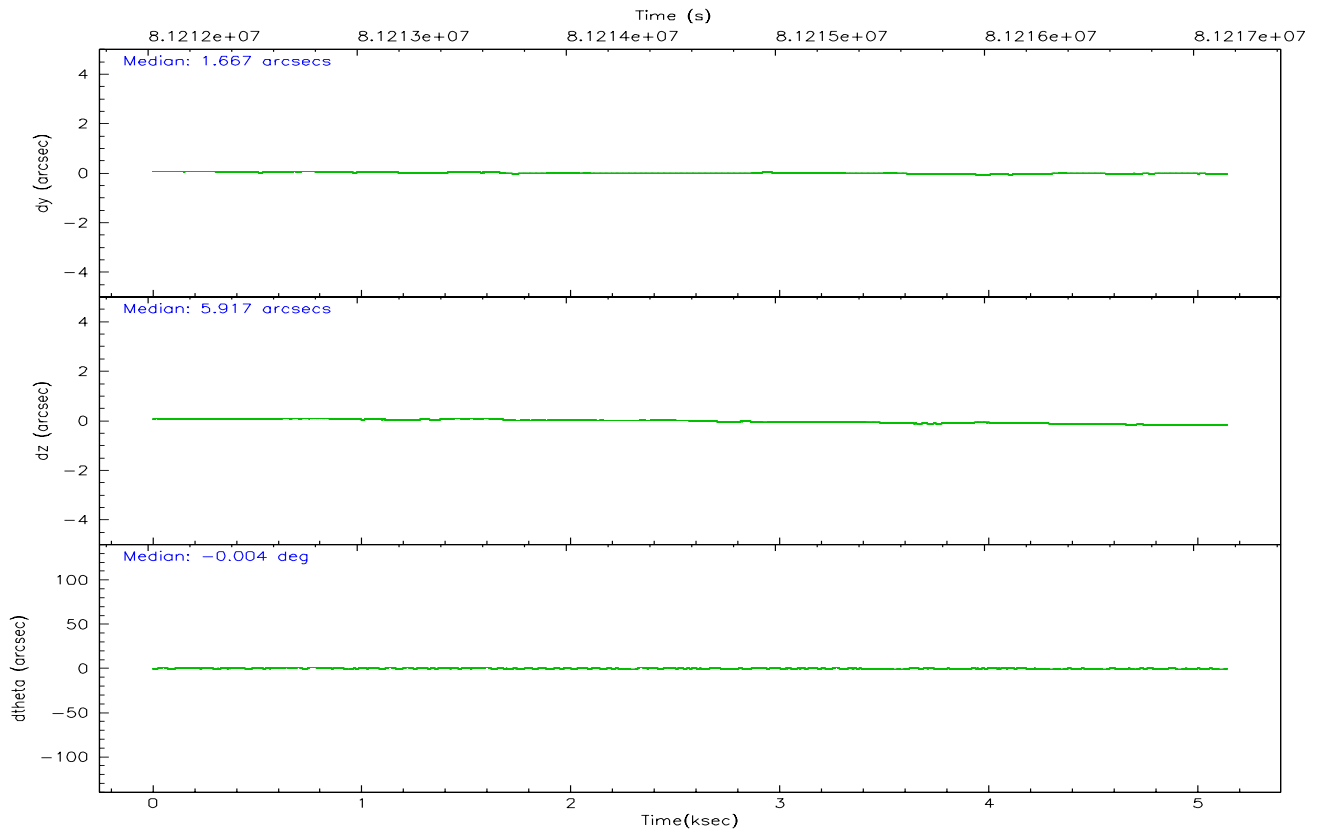
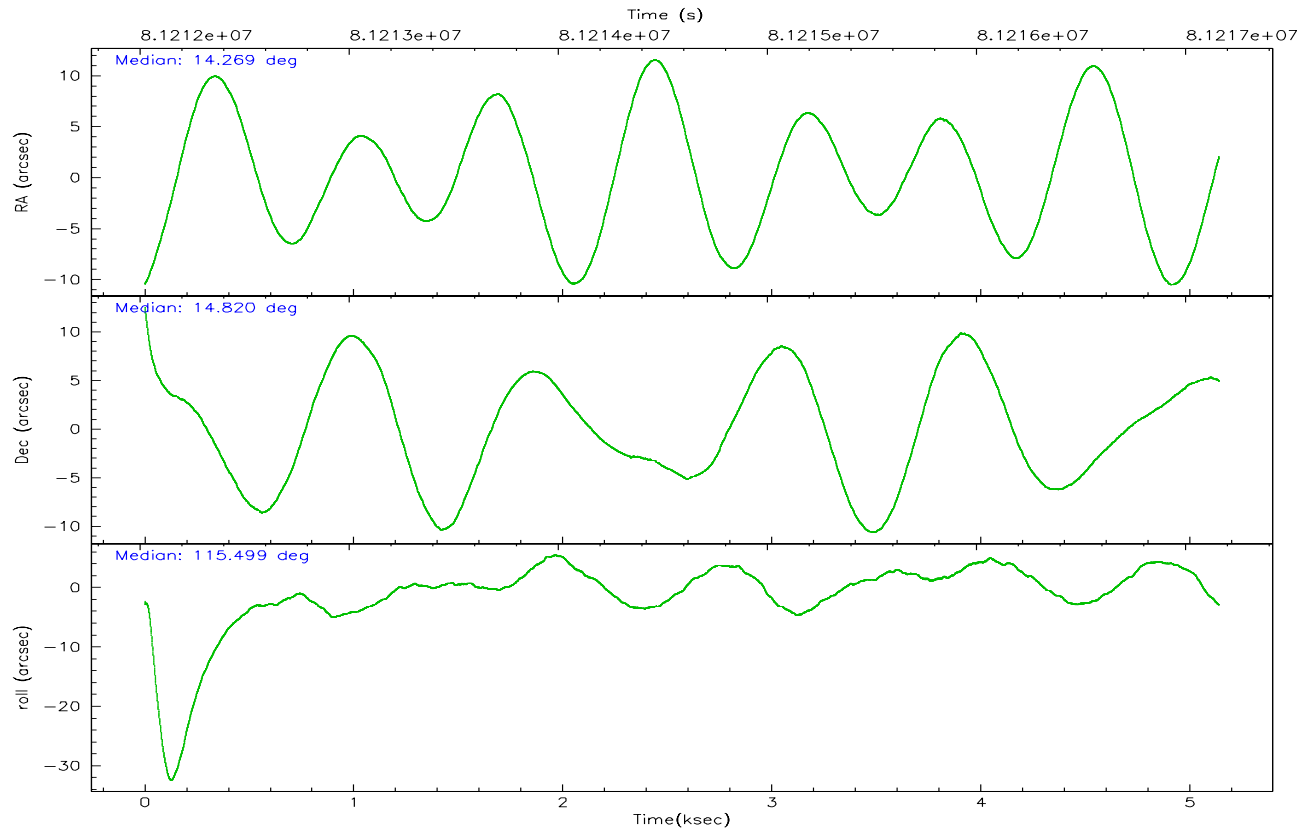
	ccd 7
grade 0 events	2835
	21%
grade 1 events	101
	0%
grade 2 events	2319
	17%
grade 3 events	1115
	8%
grade 4 events	1097
	8%
grade 5 events	705
	5%
grade 6 events	2421
	18%
grade 7 events	2506
	19%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	14.291901	14.26839991502142	Subarray requested	CUSTOM	1/8
Pointing Dec	14.804335	14.81978452397849	Subarray start row	449	449
Pointing Roll	115.340225	115.5029488537747	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	81212163.184000	81211173.52908701			
Observation start date	2000-07-28T22:54:59	2000-07-28T22:39:33			
Observation end time	81217163.184000	81217674.591829			
Observation end date	2000-07-29T00:18:19	2000-07-29T00:27:54			
Read mode	TIMED	TIMED			

2.3 Aspect



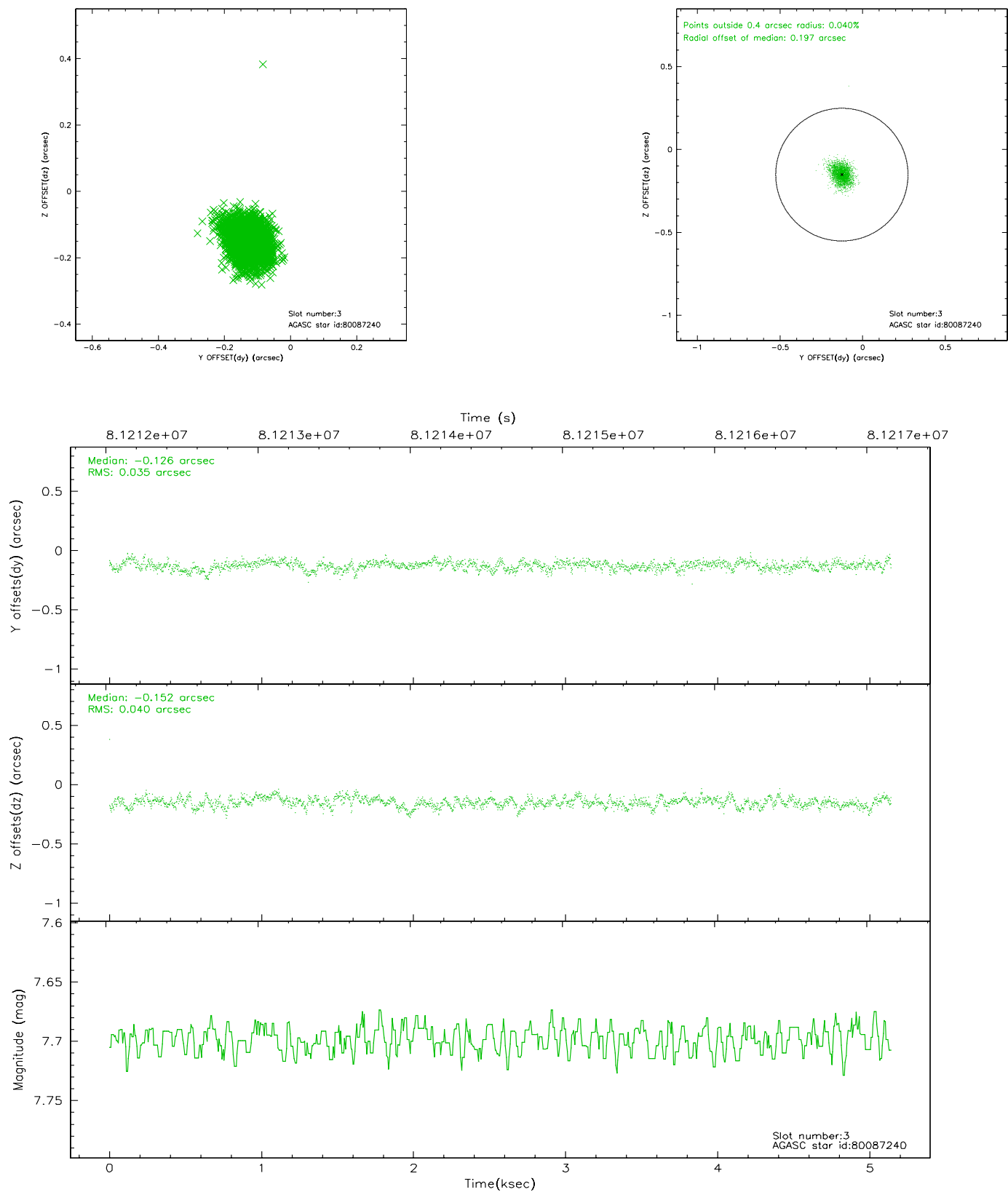


Slot Statistics

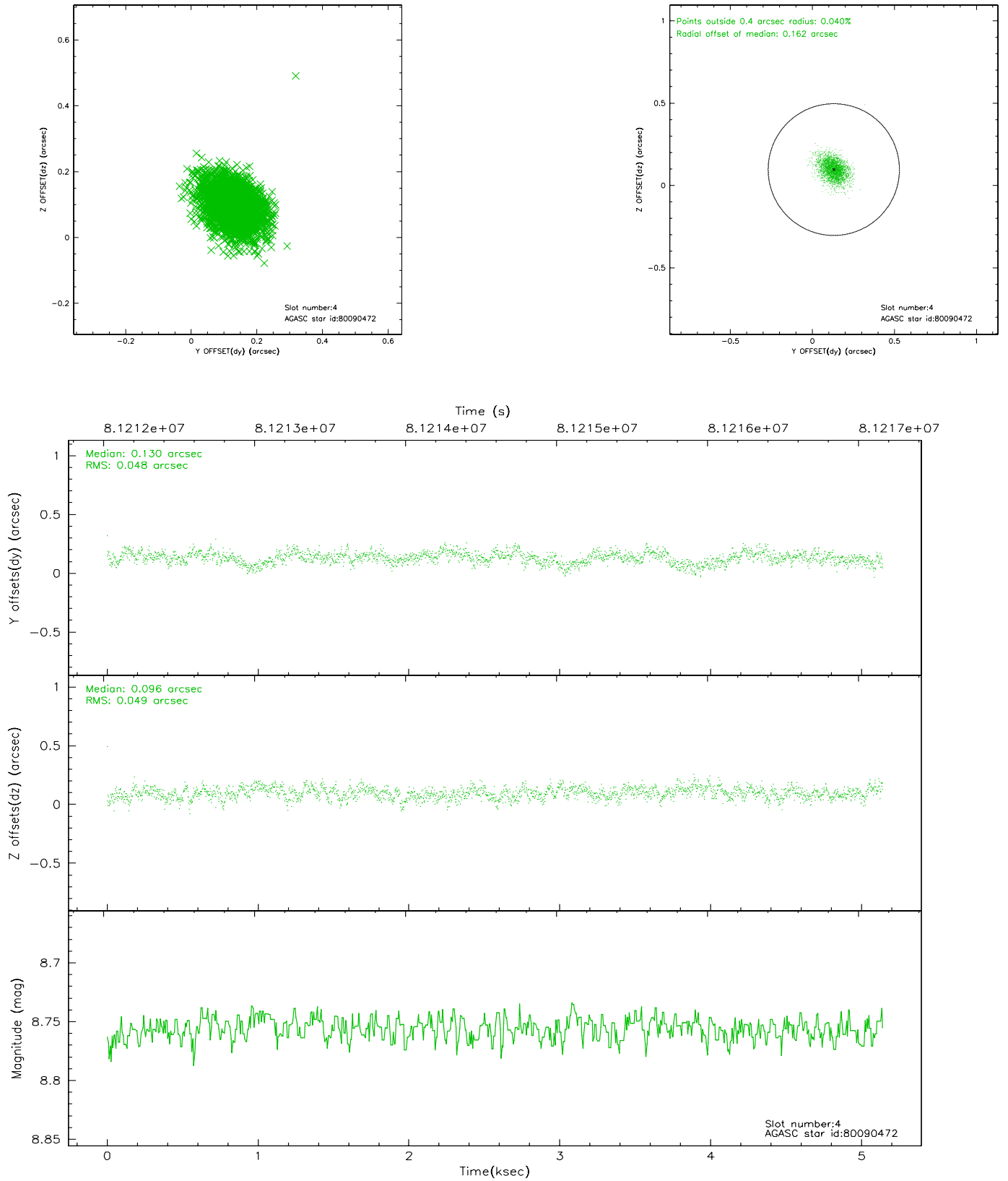
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1254	-0.027	0.031	0.006	0.010	0.000000	0.000000	-754.29	-1727.01
1	FID	ACIS-S-4	7.21	1254	-0.058	0.005	0.005	0.010	0.000000	0.000000	2158.41	180.25
2	FID	ACIS-S-5	7.23	1254	0.053	-0.026	0.006	0.010	0.000000	0.000000	-1805.55	175.21
3	GUIDE	80087240	7.70	2508	-0.126	-0.152	0.055	0.092	14.177473	14.776160	78.93	403.60
4	GUIDE	80090472	8.76	2507	0.130	0.096	0.072	0.120	14.766973	14.735348	-930.34	-1388.76
5	GUIDE	155857664	9.05	2508	-0.136	0.091	0.080	0.140	14.332572	15.191474	1198.87	-724.20
6	GUIDE	155856184	8.95	2508	-0.015	-0.176	0.065	0.105	14.109190	15.010402	943.24	256.56
7	GUIDE	80090200	9.32	2507	0.158	0.148	0.094	0.180	14.933958	14.609580	-1587.25	-1722.27

2.4 Star Slots

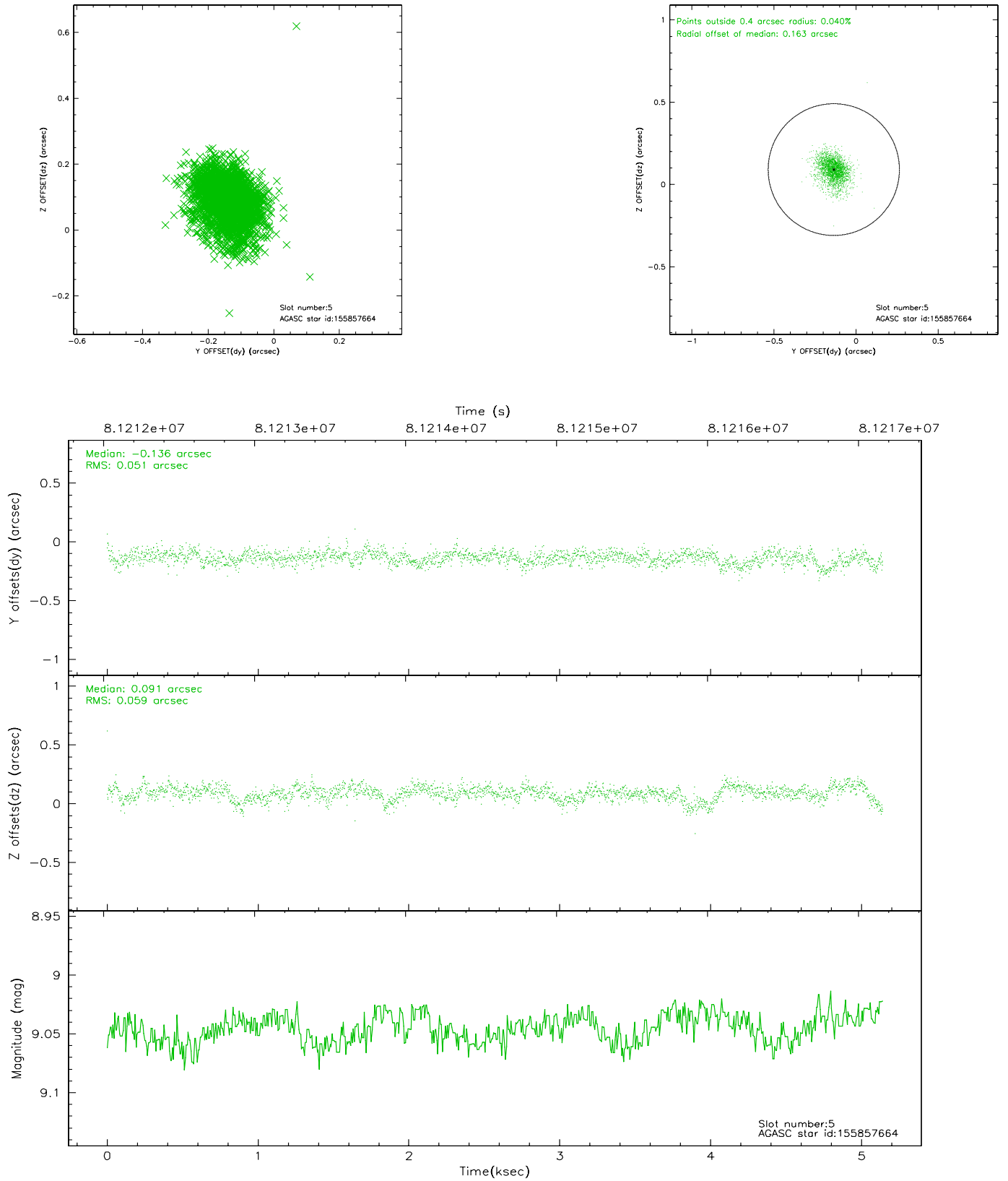
2.4.1 Slot 3



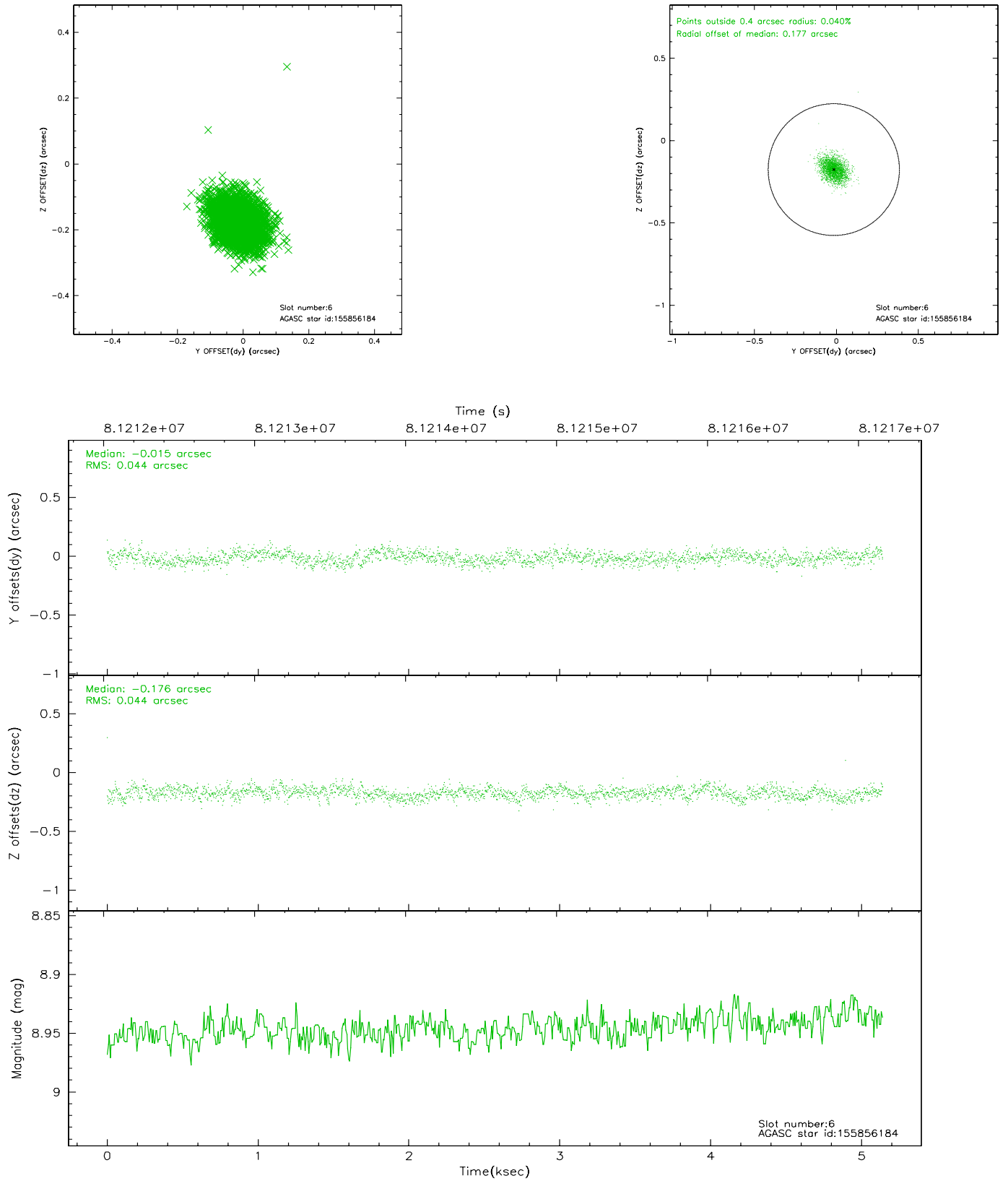
2.4.2 Slot 4



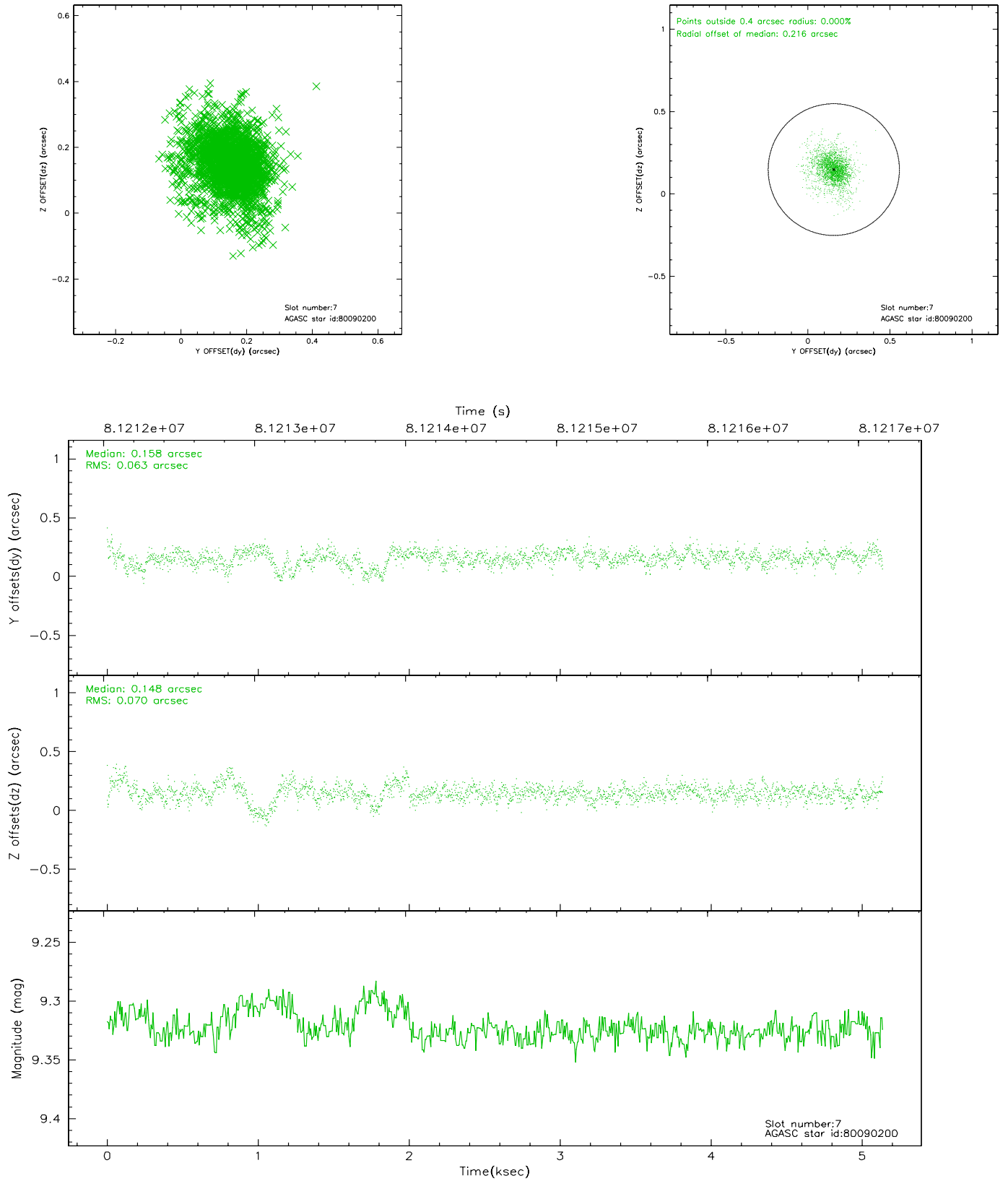
2.4.3 Slot 5



2.4.4 Slot 6

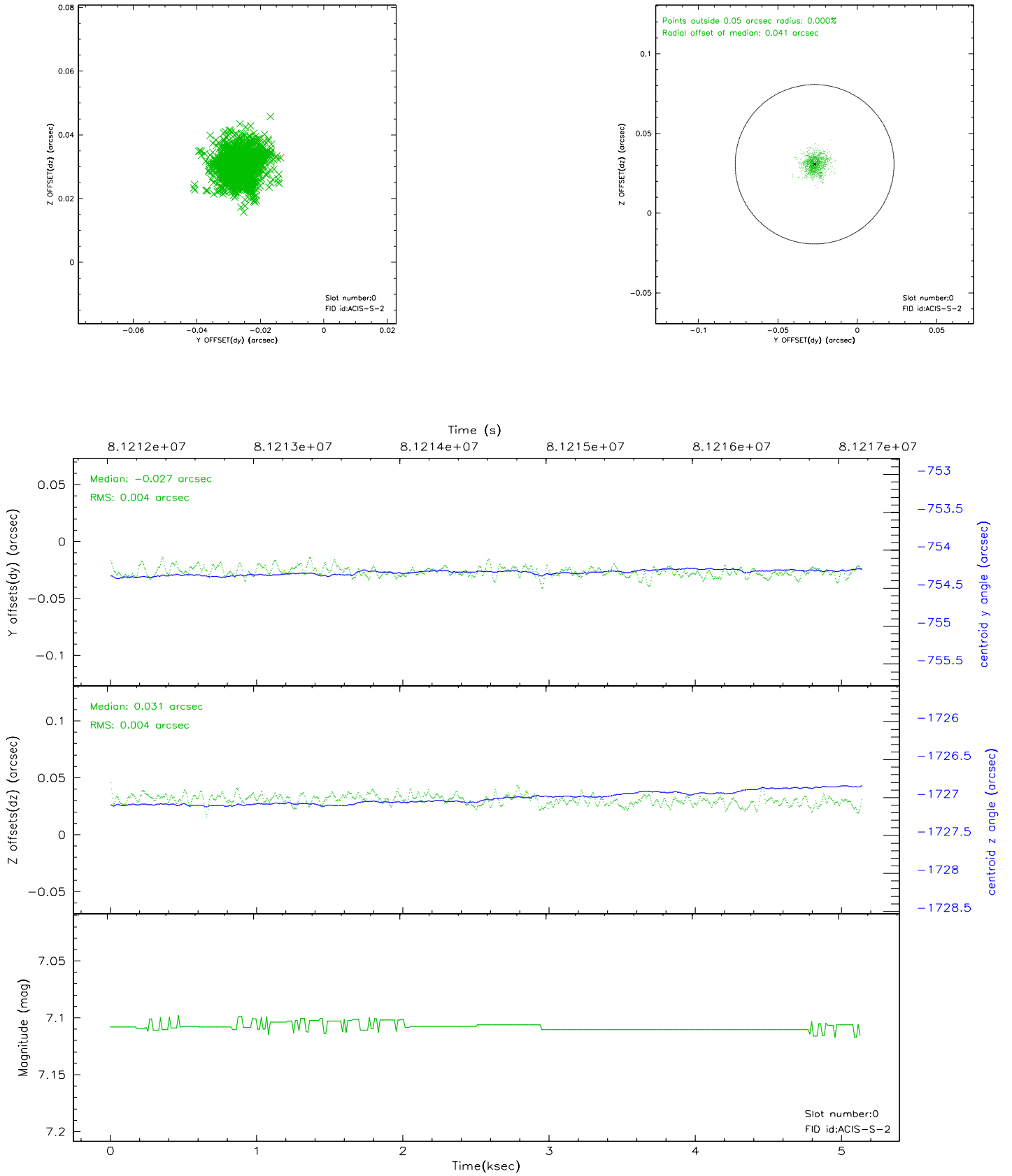


2.4.5 Slot 7

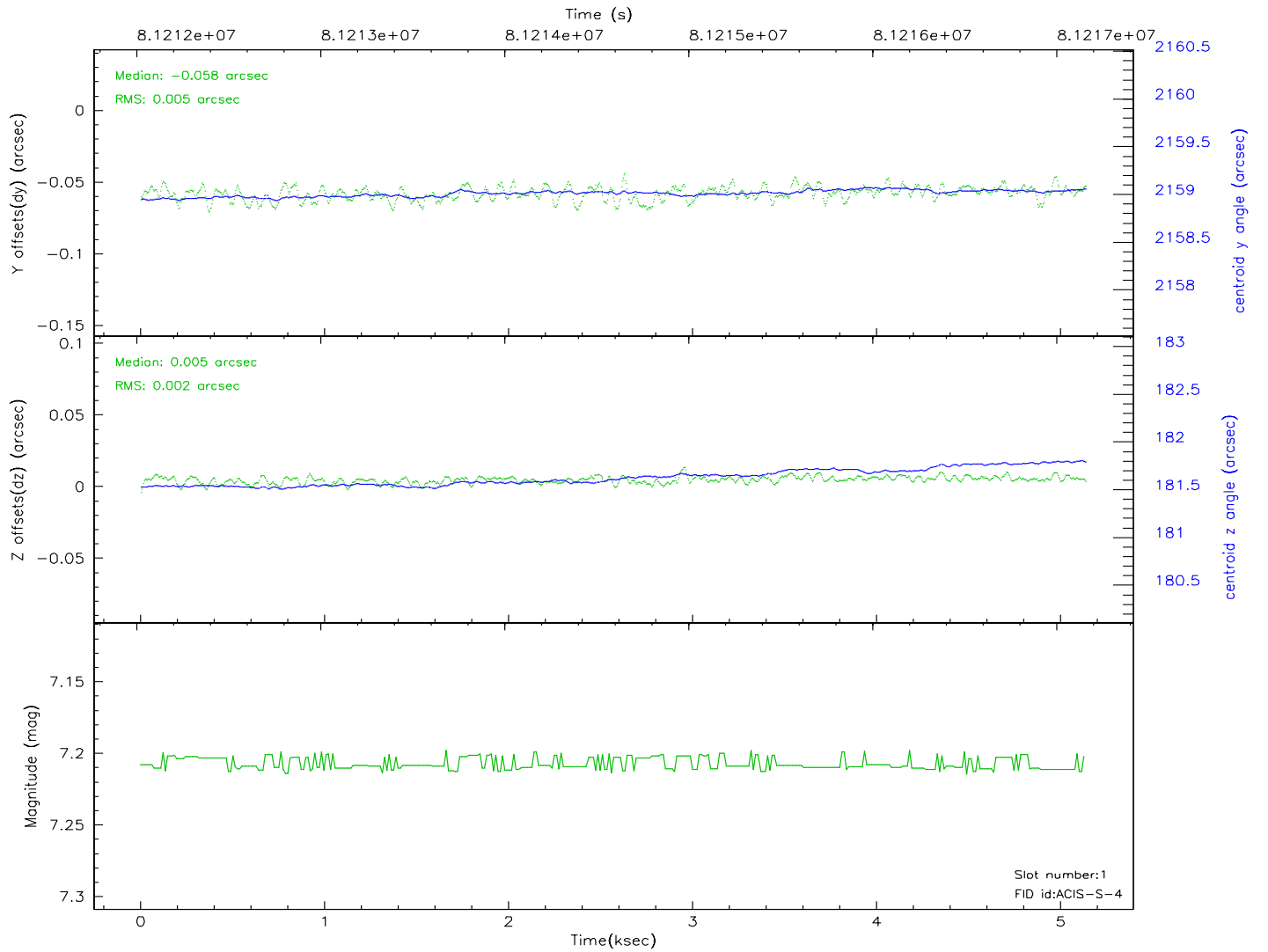
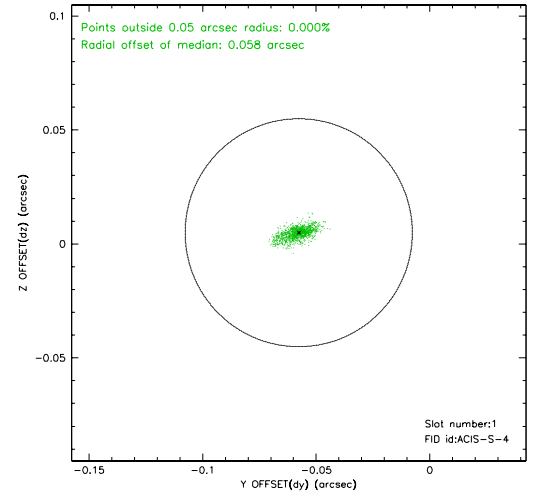
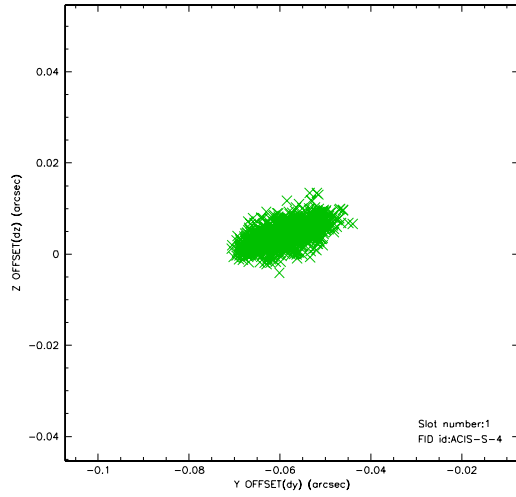


2.5 FID Slots

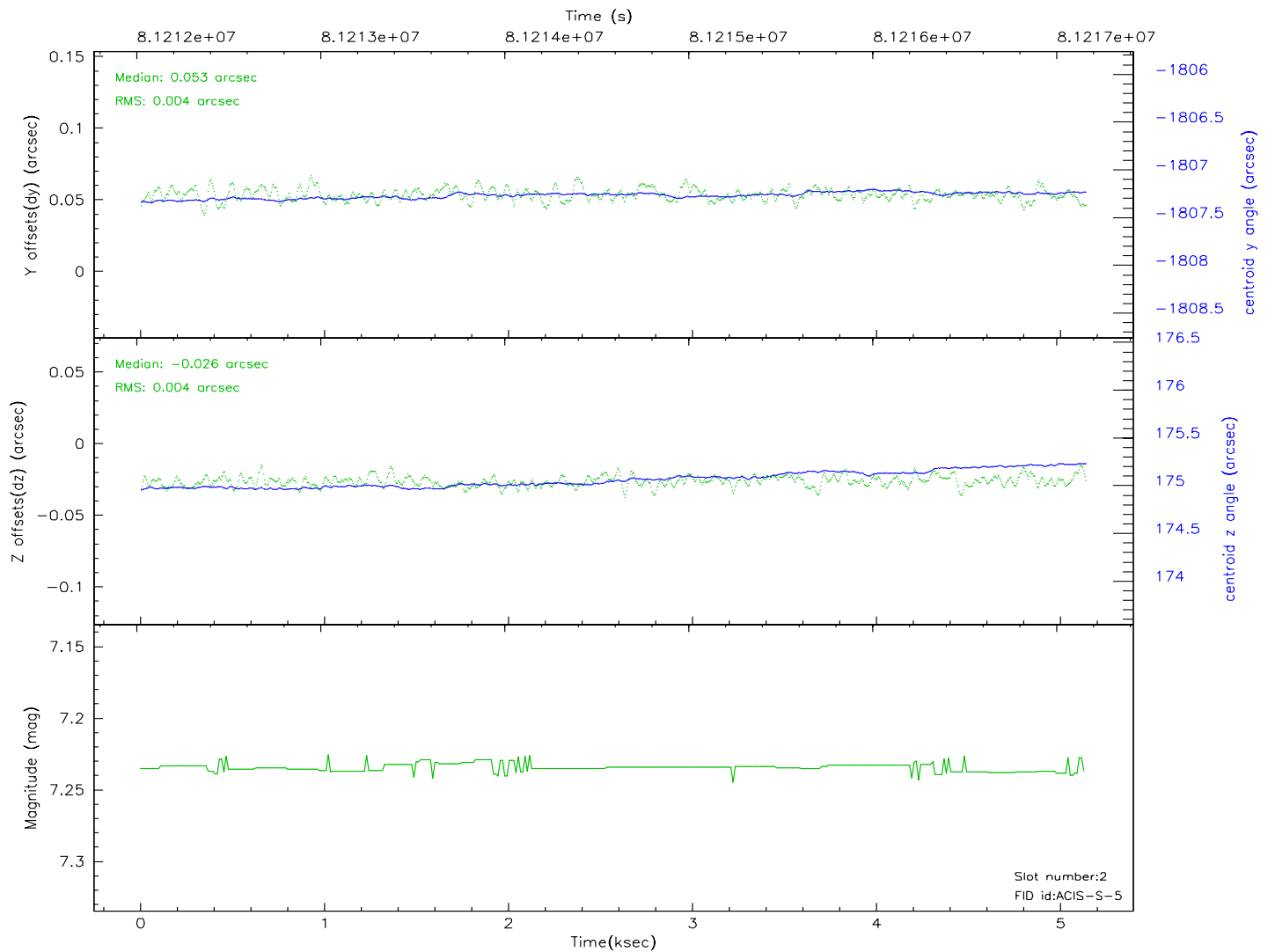
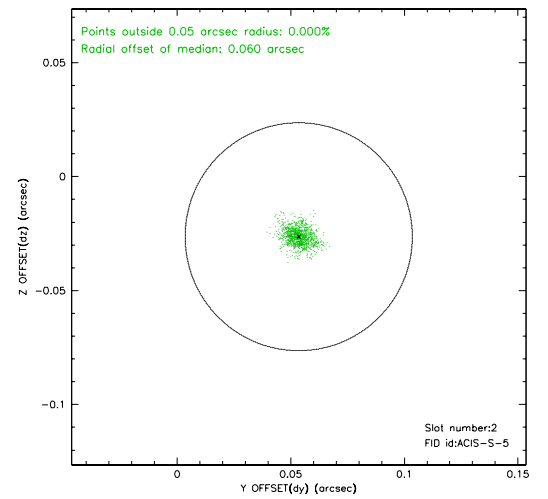
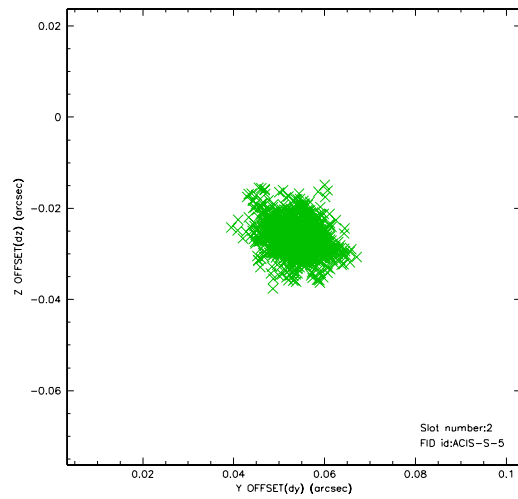
2.5.1 Slot 0



2.5.2 Slot 1

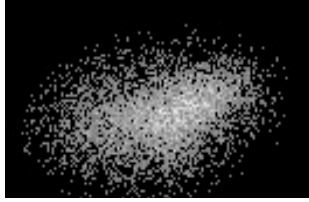


2.5.3 Slot 2



3 Point Sources

3.29 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.138

A.2 Comments