

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2136 - L2 Version 001
Chandra X-Ray Center

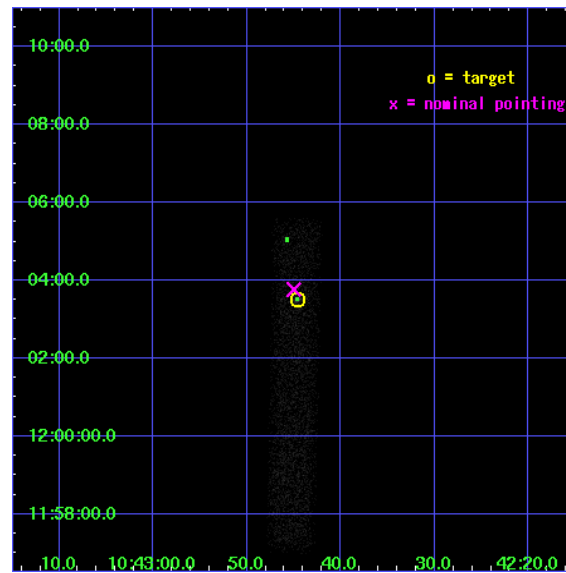
L2 Processing Date : Nov 6 2006

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1 Front

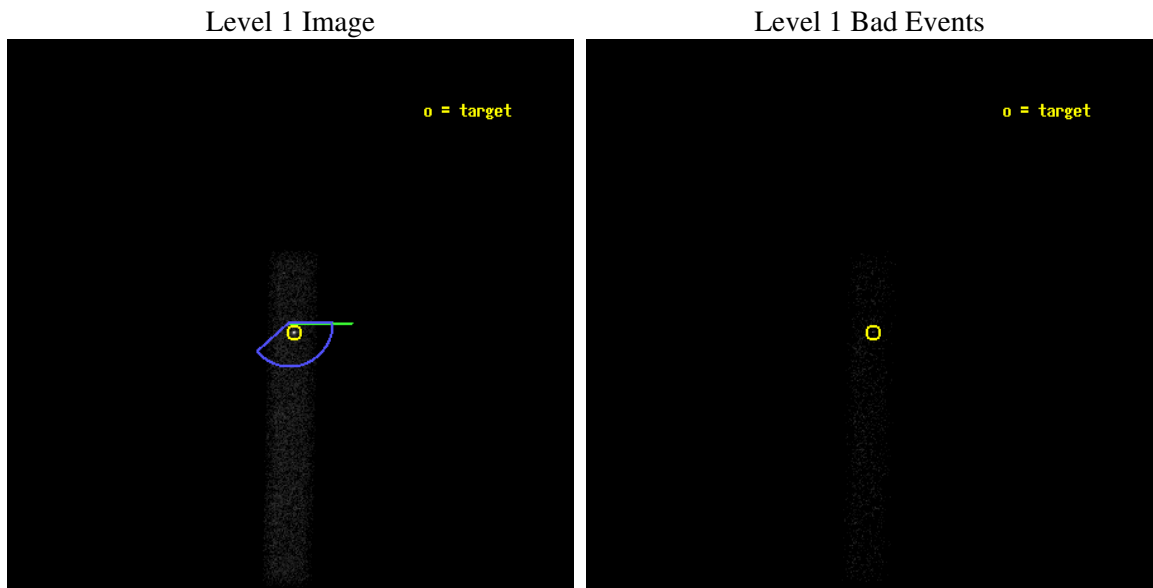
seq_num	700326
obs_id	2136
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr. Rita Sambruna
object	1040+123
dtcycle	0
cycle	P
ra_targ	160.685833
dec_targ	12.058611
ra_nom	160.68753503059
dec_nom	12.062806850738
roll_nom	91.156216375831
revision	2
ontime	11469.200170904
livetime	10401.959160987
ontime7	11469.200170904
l2events	7344



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	2006-11-06T17:59:14
revision	2

sched_exp_time	11000.000000
ontime	11817.534605011
ontime7	11817.534605011
l1events	14825

2.1.4 Events

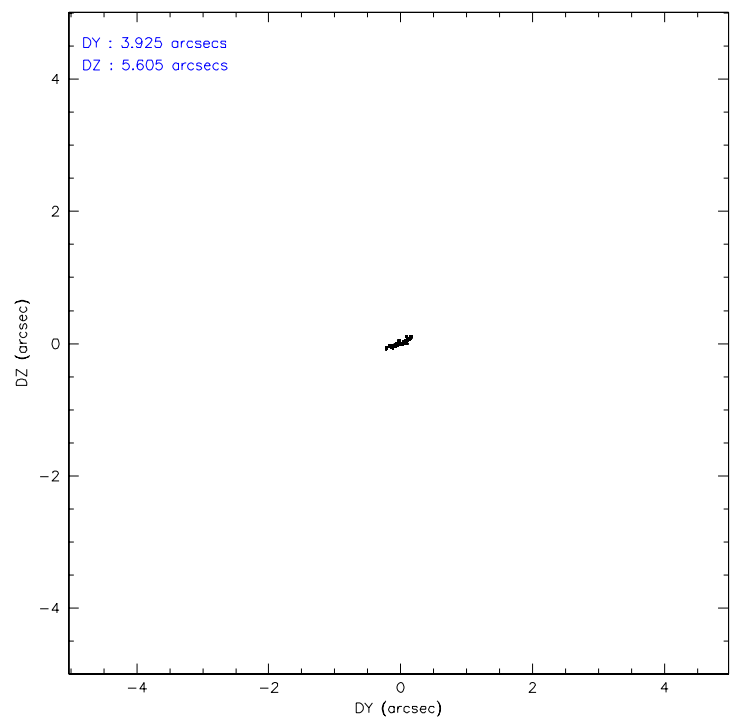
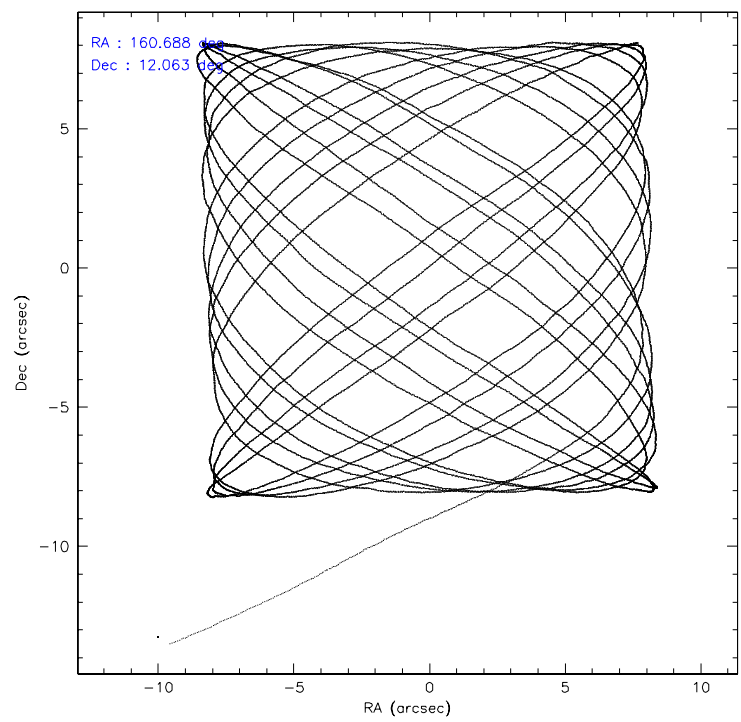
	ccd 7
level 1 events	14825
rejected events	7098
rejected %	47%

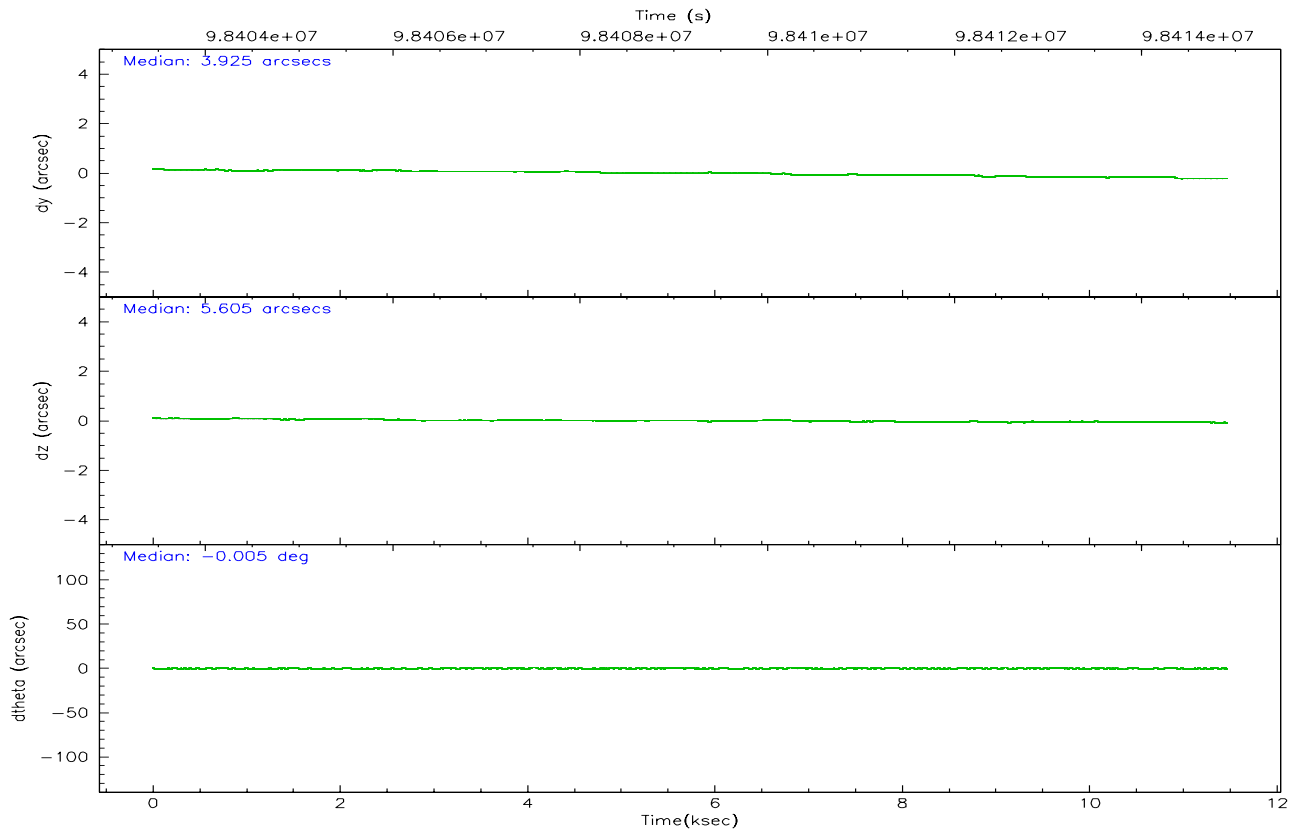
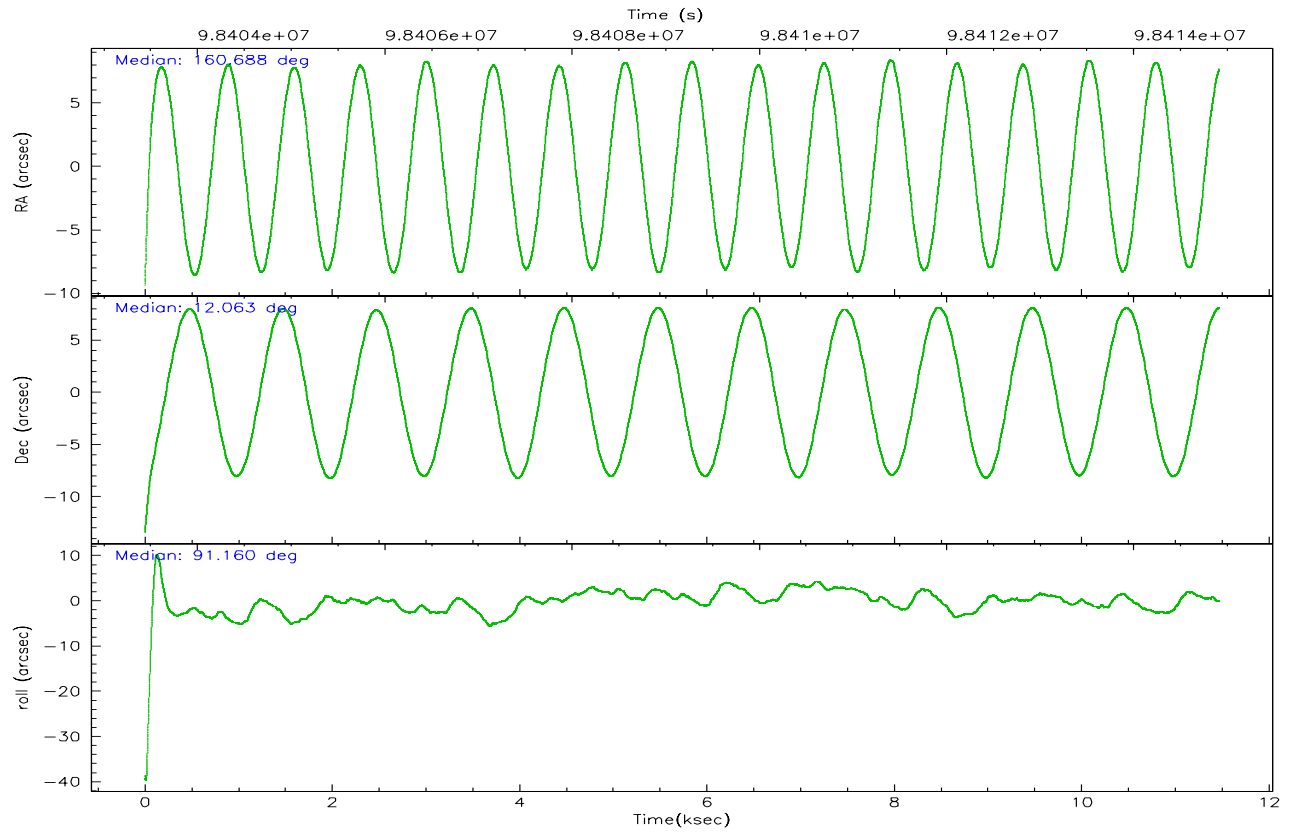
	ccd 7
grade 0 events	1208
	8%
grade 1 events	19
	0%
grade 2 events	1815
	12%
grade 3 events	893
	6%
grade 4 events	827
	5%
grade 5 events	900
	6%
grade 6 events	3185
	21%
grade 7 events	5978
	40%

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	160.702195	160.6875350305914	Subarray requested	1/8	1/8
Pointing Dec	12.039555	12.06280685073816	Subarray start row	0	449
Pointing Roll	90.996587	91.15621637583129	Subarray row count	1024	128
Roll angle	160.000000	160.000000	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	98403910.184000	98402810.38133			
Observation start date	2001-02-12T22:24:06	2001-02-12T22:06:50			
Observation end time	98414910.184000	98415171.881807			
Observation end date	2001-02-13T01:27:26	2001-02-13T01:32:51			
Read mode	TIMED	TIMED			

2.3 Aspect



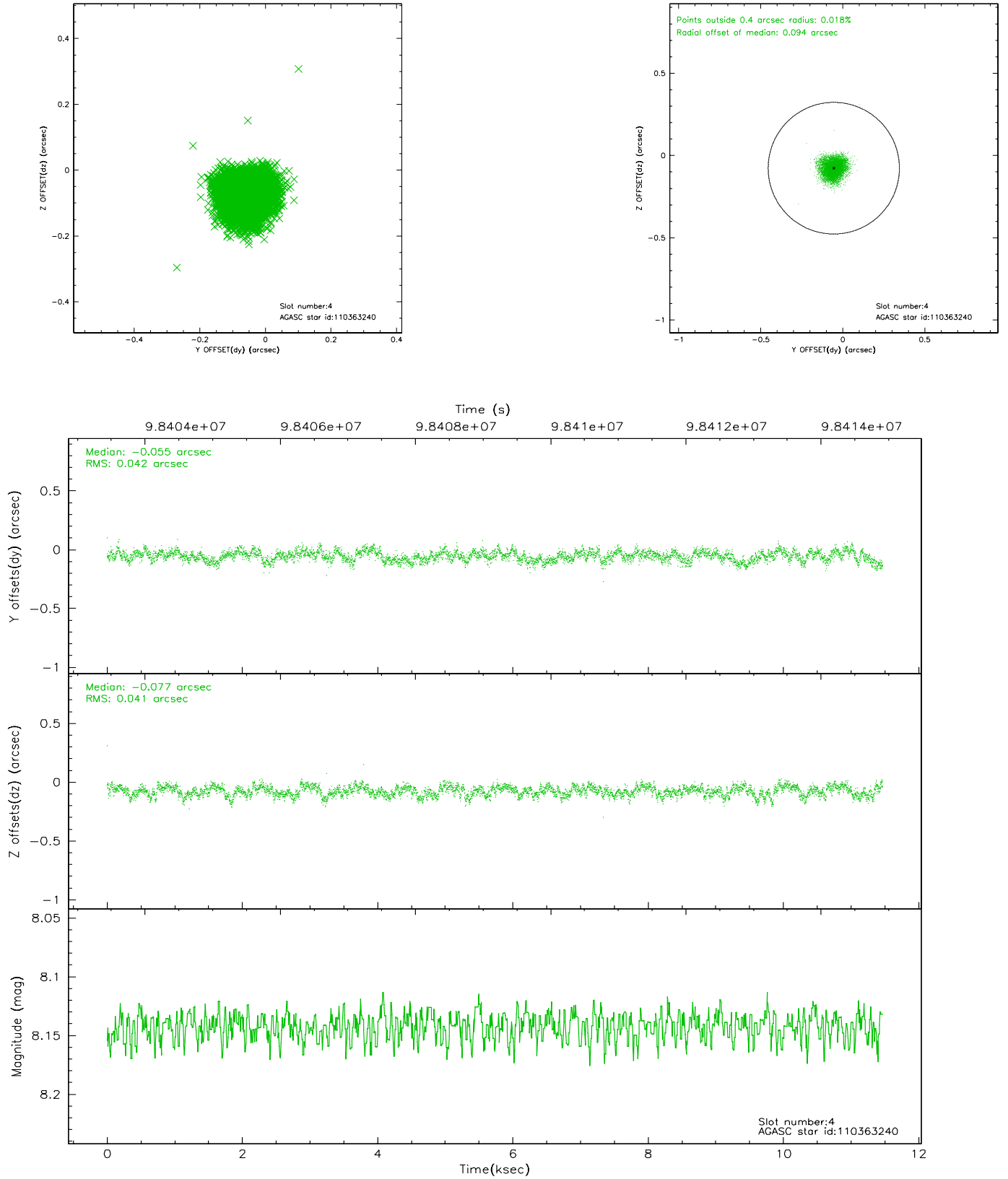


Slot Statistics

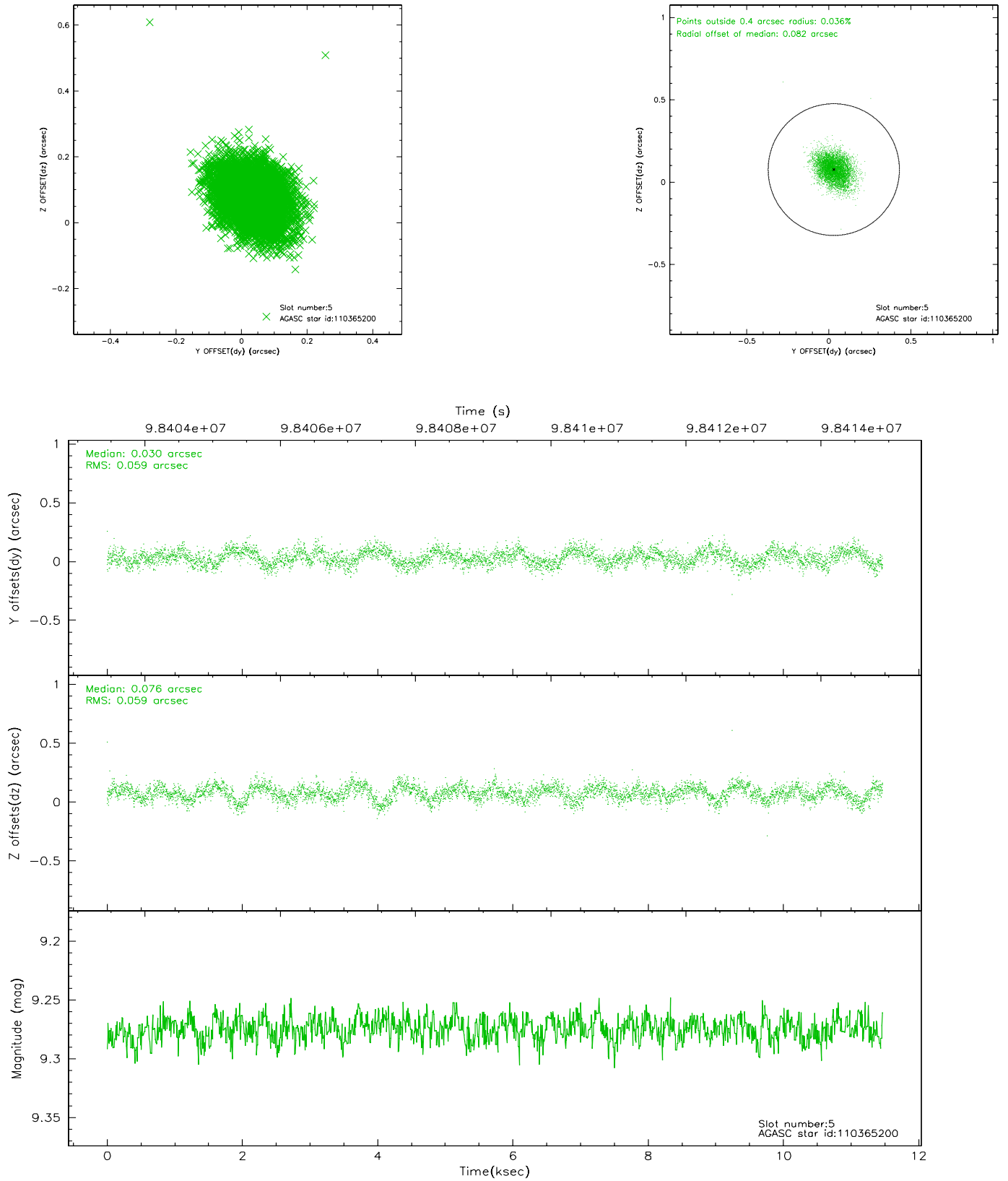
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	2798	-0.017	0.023	0.007	0.011	0.000000	0.000000	-756.55	-1726.73
1	FID	ACIS-S-4	7.20	2797	-0.039	0.002	0.006	0.010	0.000000	0.000000	2156.45	181.34
2	FID	ACIS-S-5	7.24	2798	0.026	-0.017	0.006	0.011	0.000000	0.000000	-1808.83	175.40
3	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	110363240	8.14	5595	-0.055	-0.077	0.063	0.098	160.564767	12.418075	1370.60	459.93
5	GUIDE	110365200	9.27	5593	0.030	0.076	0.089	0.144	160.778767	12.493533	1629.33	-296.74
6	GUIDE	110363648	7.93	5596	-0.086	-0.053	0.082	0.123	160.155505	12.078678	176.20	1922.30
7	GUIDE	110363112	10.02	5590	0.103	0.051	0.184	0.285	160.492613	11.398369	-2294.95	780.93

2.4 Star Slots

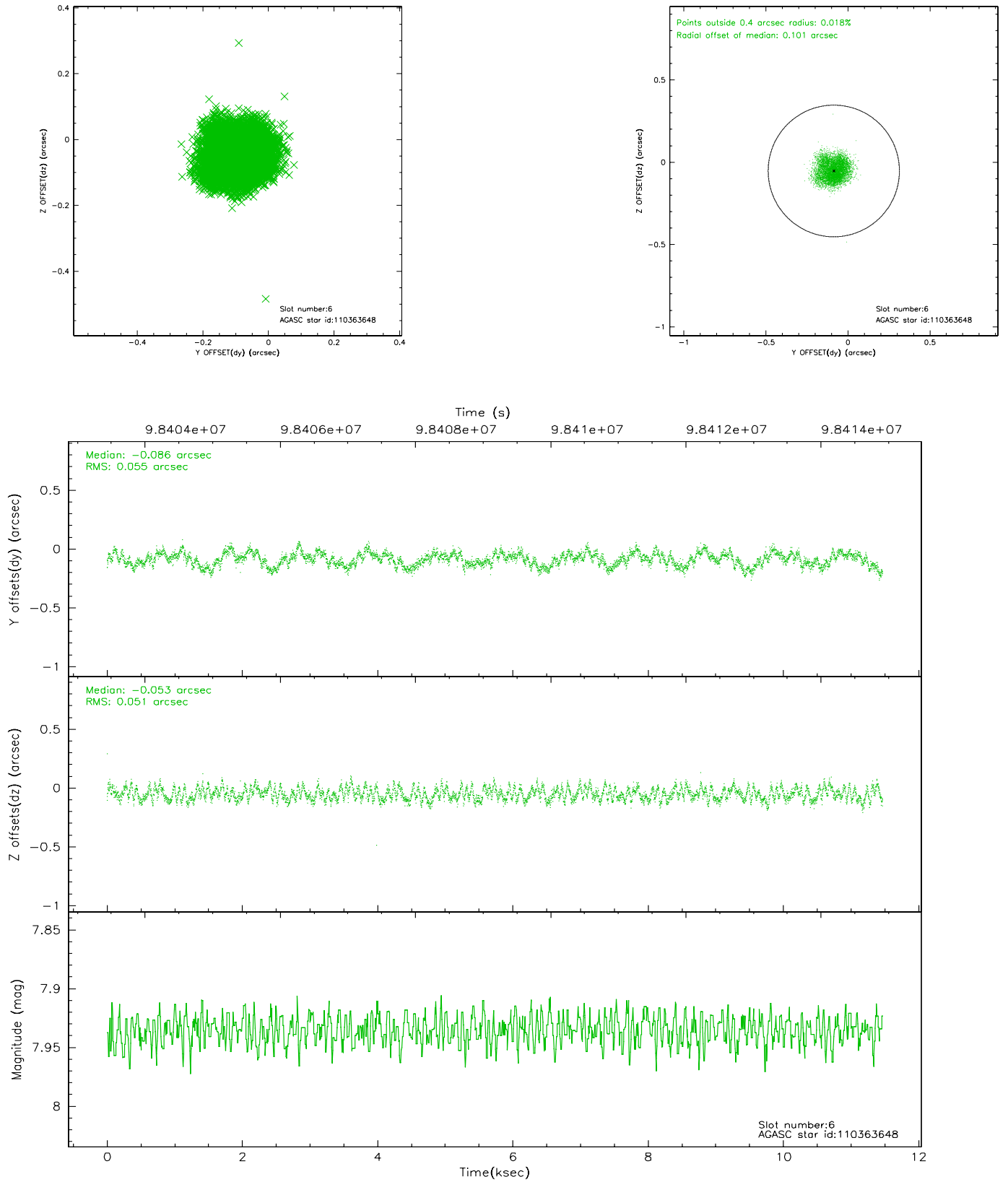
2.4.1 Slot 4



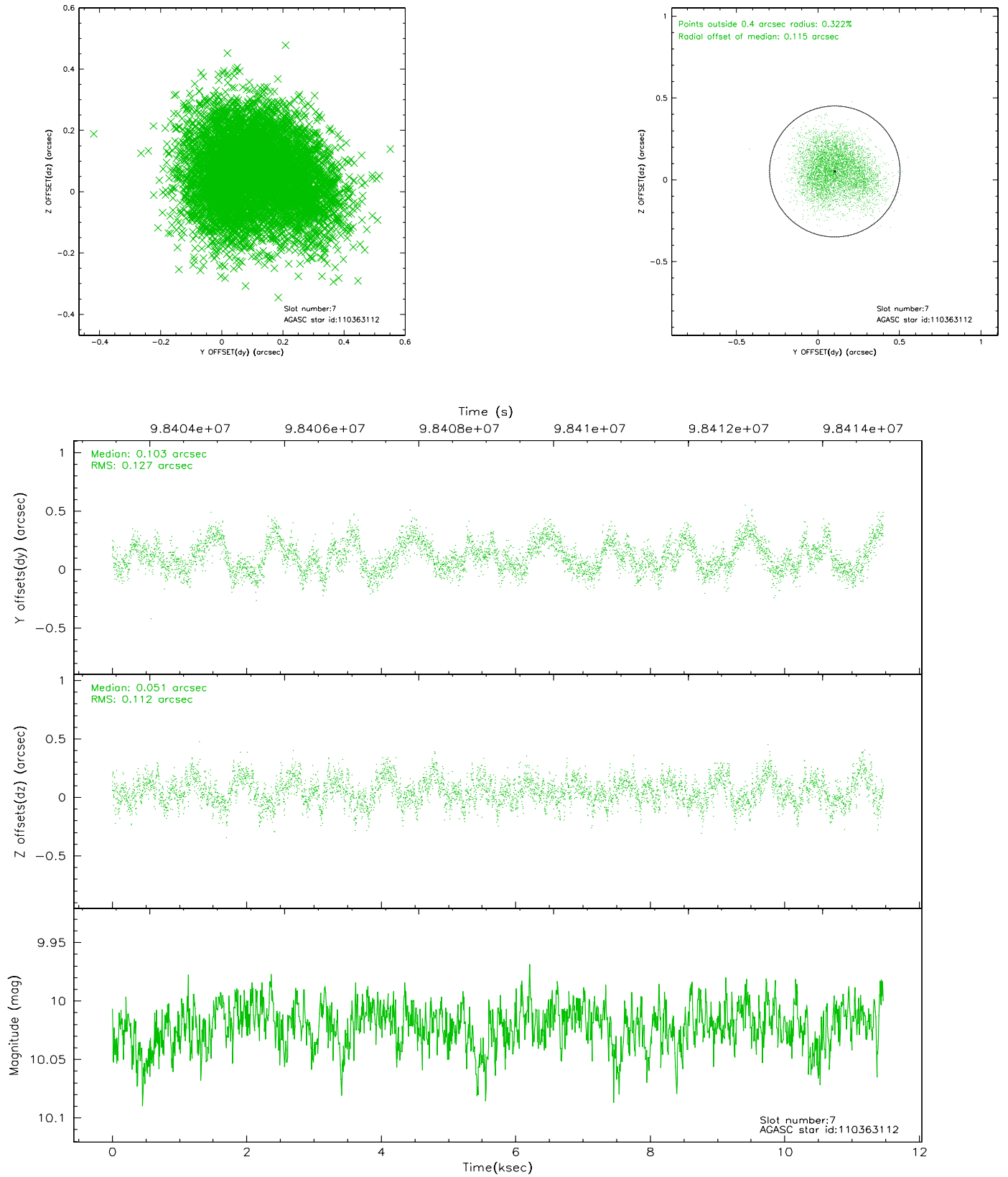
2.4.2 Slot 5



2.4.3 Slot 6

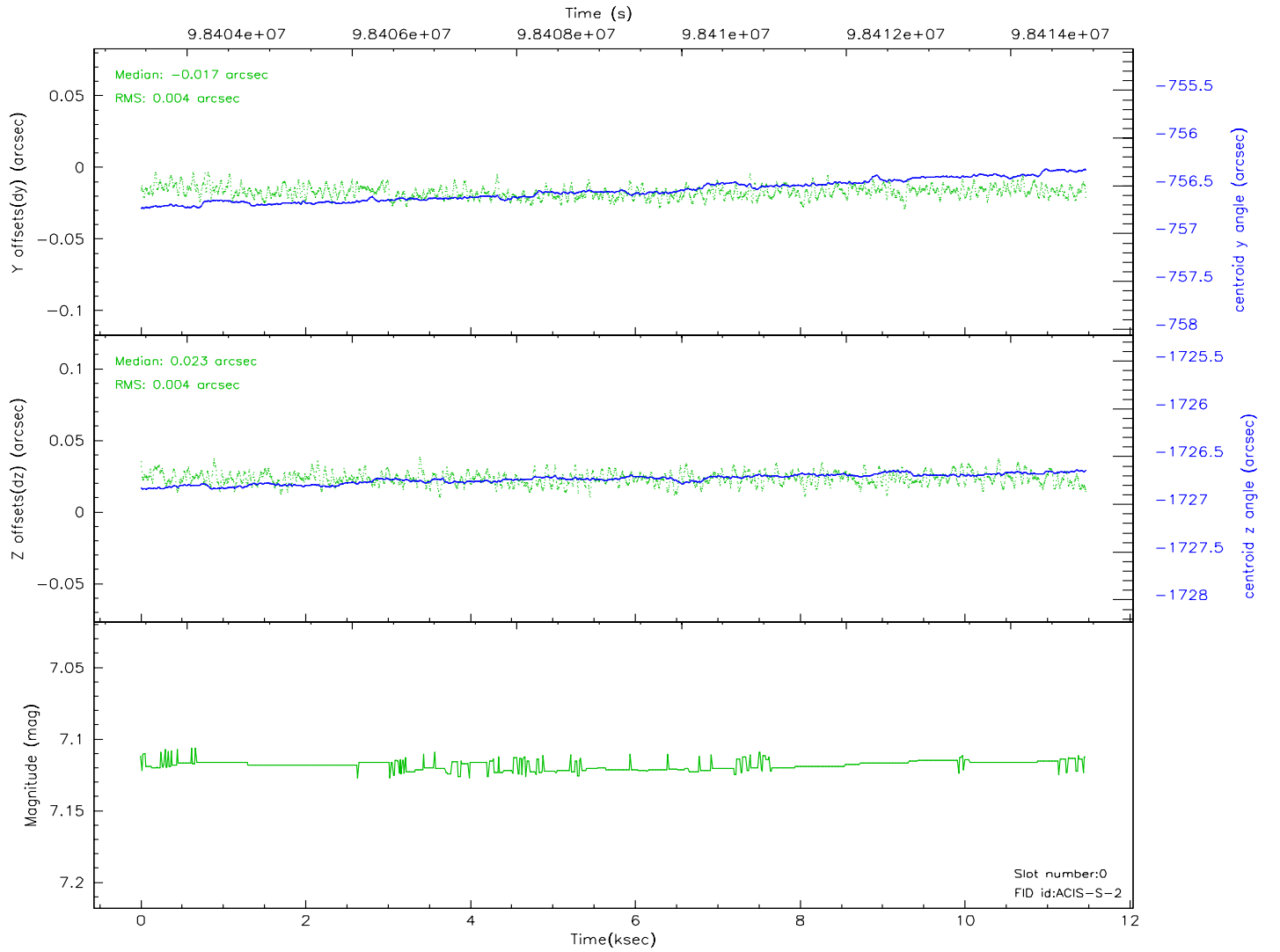
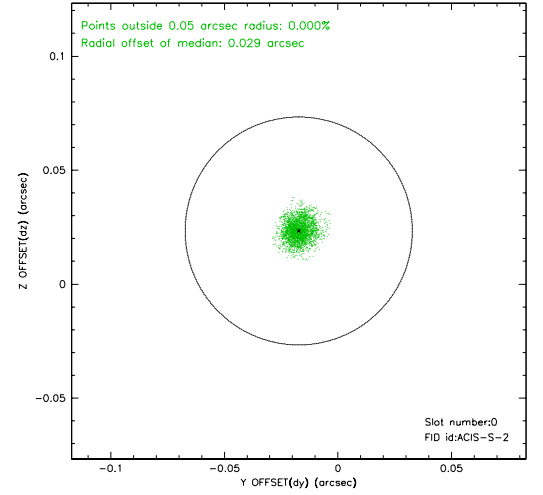
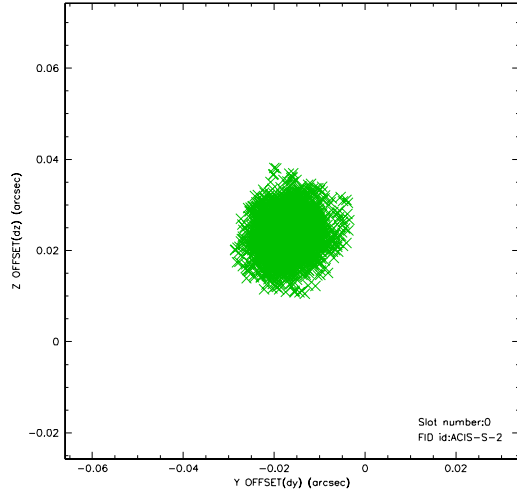


2.4.4 Slot 7

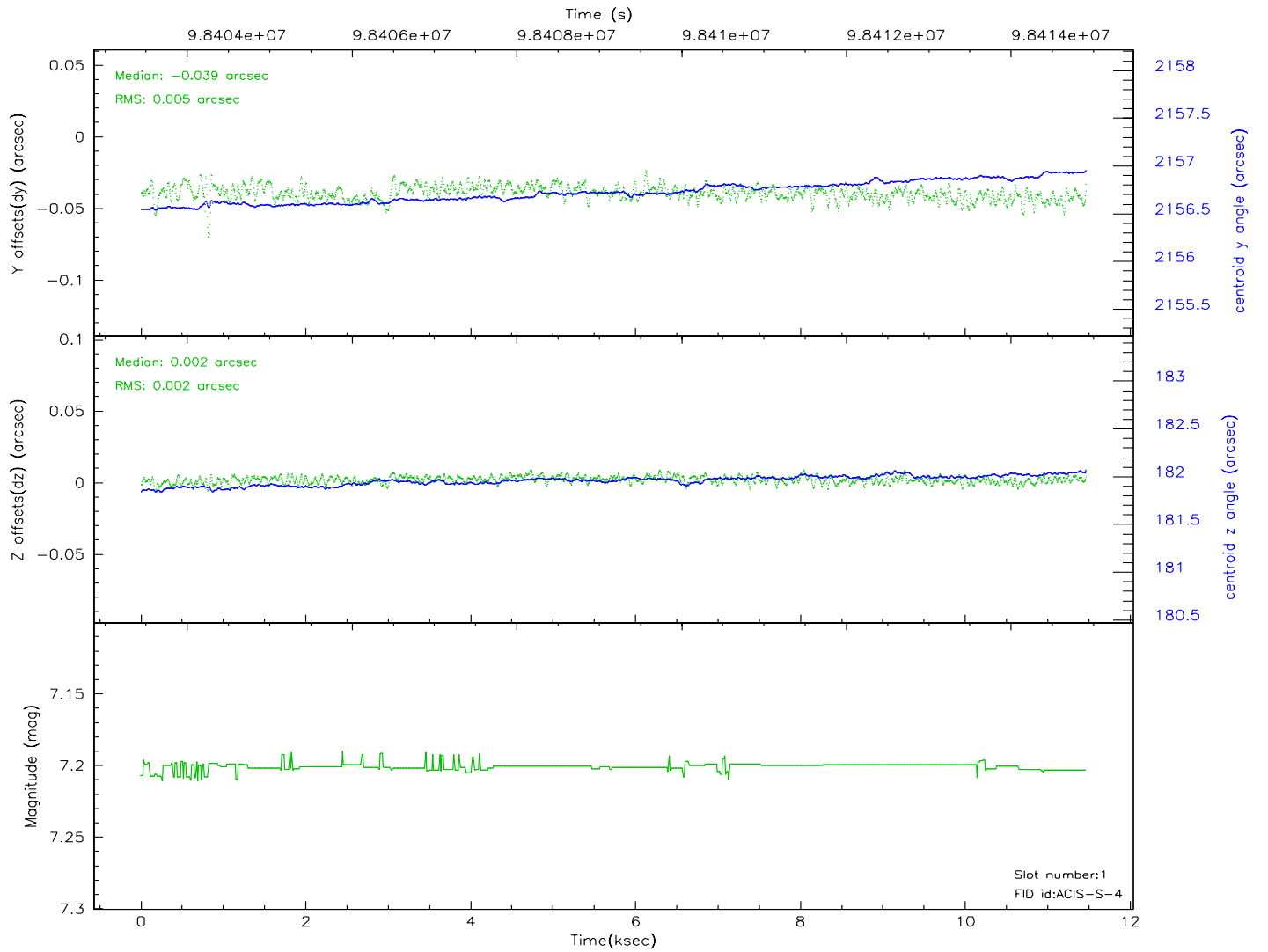
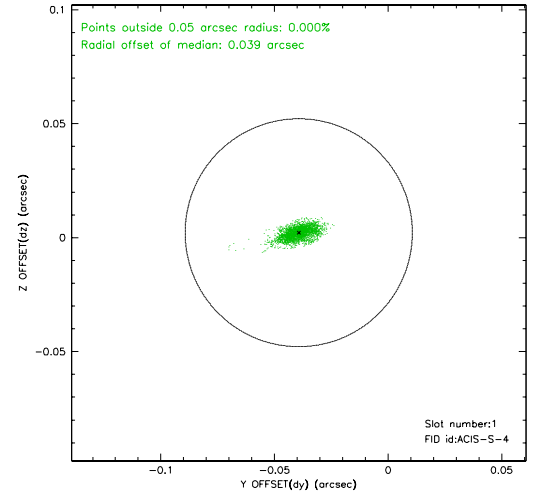
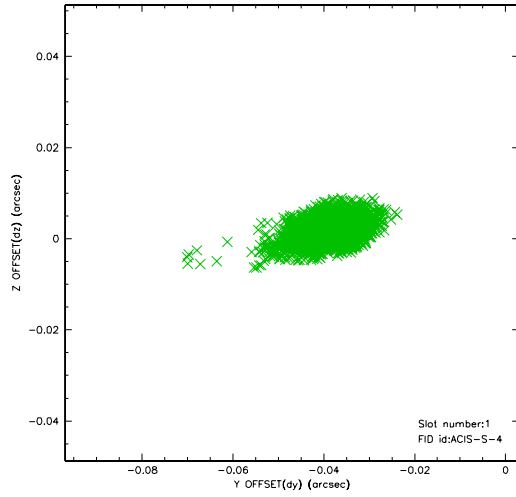


2.5 FID Slots

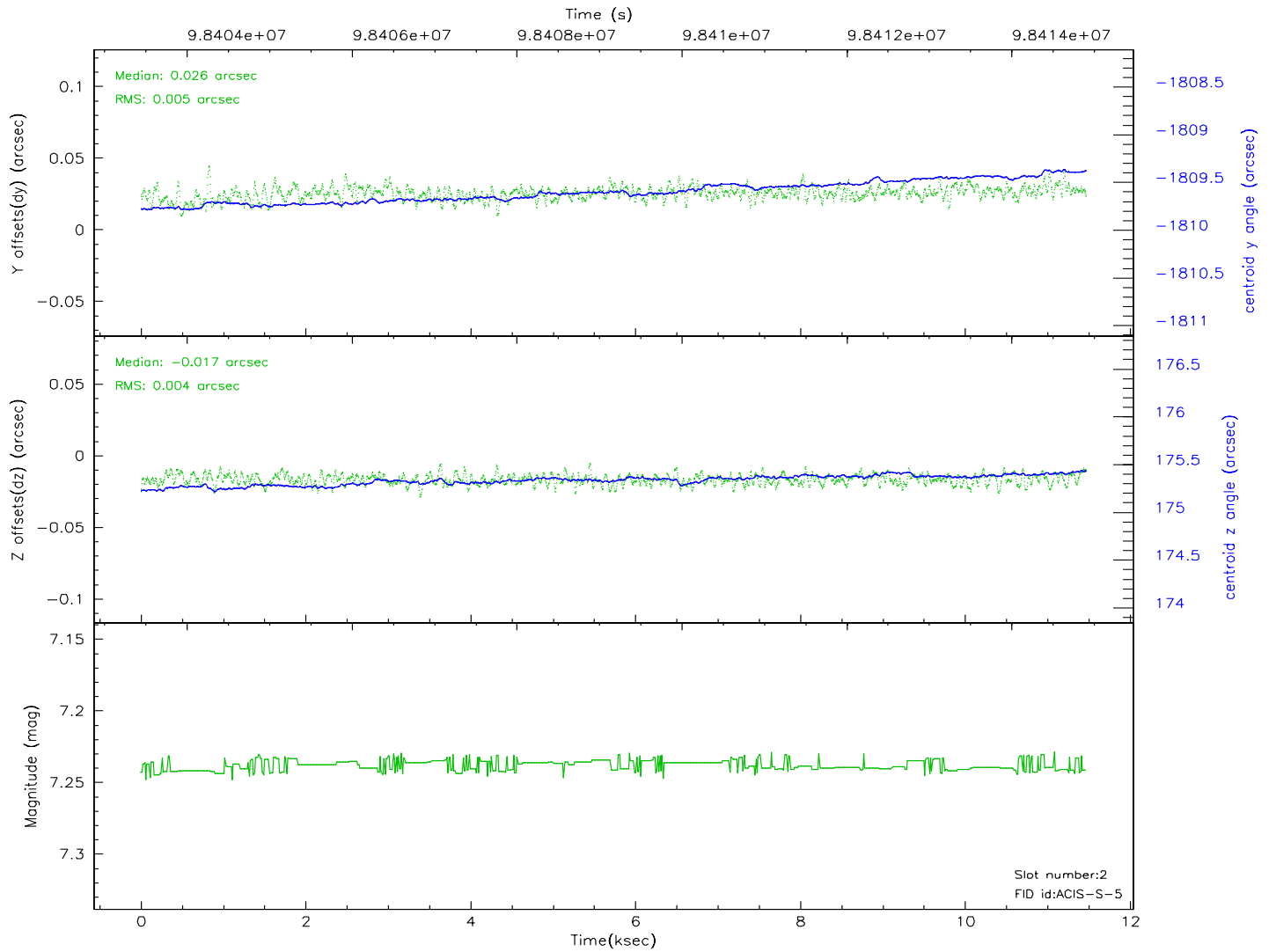
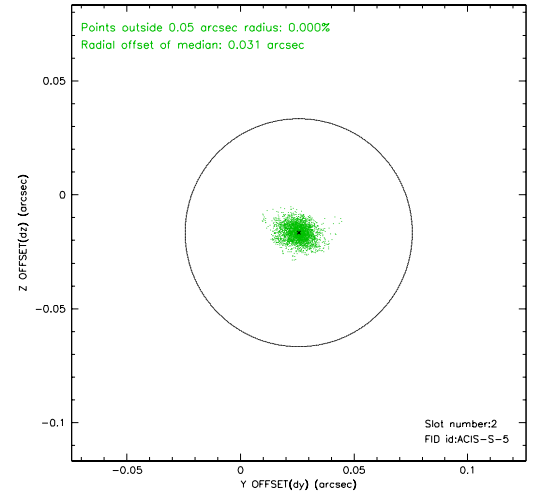
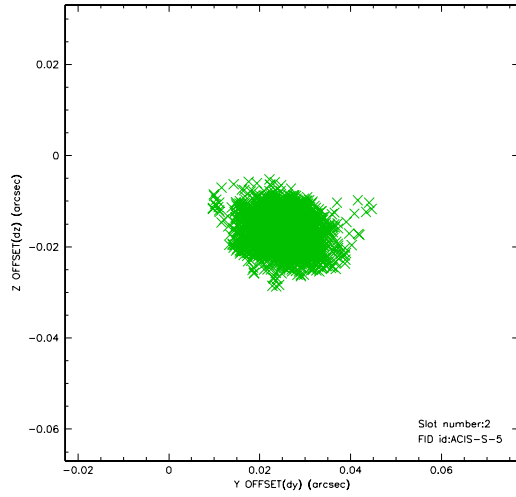
2.5.1 Slot 0



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)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	11.469

A.2 Comments

Roll constraint met.