

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1612 - L2 Version _e1
Chandra X-Ray Center

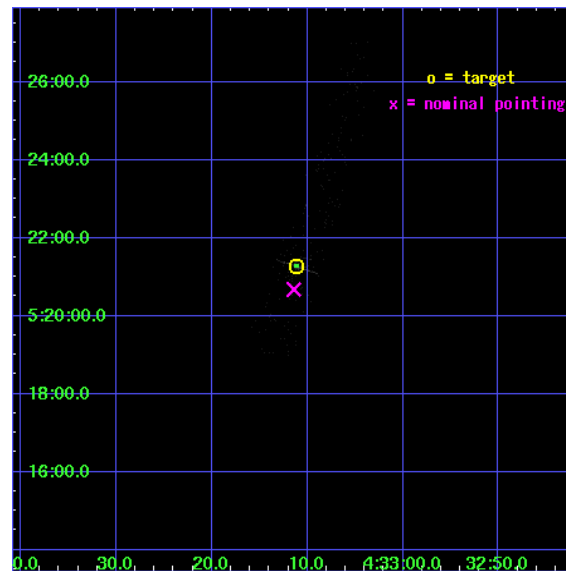
L2 Processing Date : Nov 4 2006

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1 Front

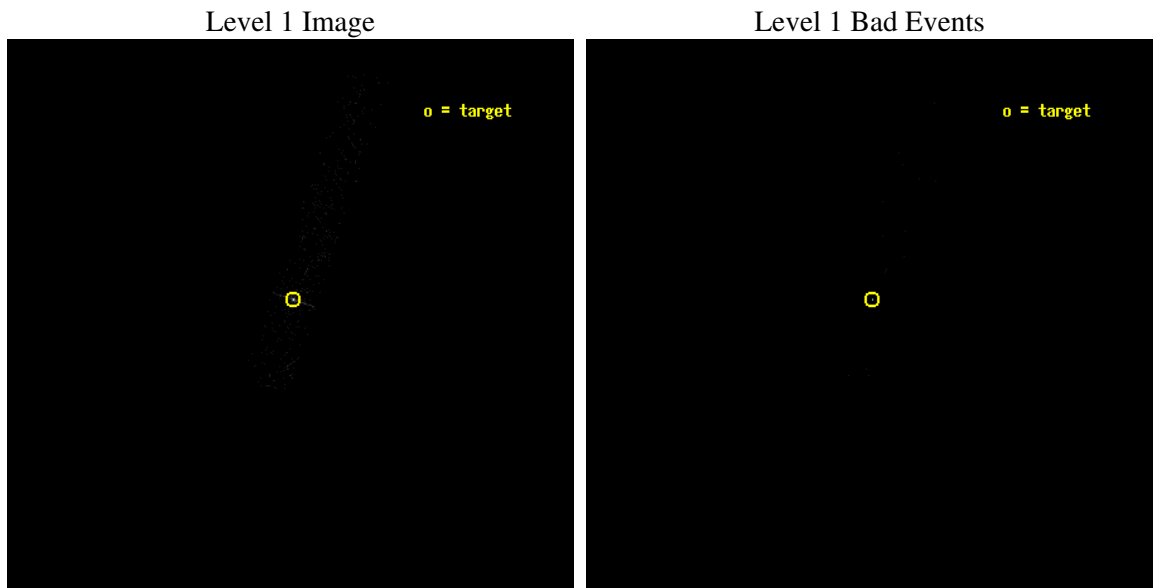
seq_num	700228
obs_id	1612
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES
observer	Prof. Andrew Wilson
object	3C120
dtcycle	0
cycle	P
ra_targ	68.29625
dec_targ	5.354333
ra_nom	68.297596413487
dec_nom	5.3445464834932
roll_nom	288.14513618677
revision	3
ontime	997.07347200811
livetime	174.92517052774
ontime7	997.07347200811
l2events	1284



2 OBI Primary

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	2006-11-04T10:05:46
revision	3

sched_exp_time	1000.000000
ontime	998.06998747587
ontime7	998.06998747587
l1events	1683

2.1.4 Events

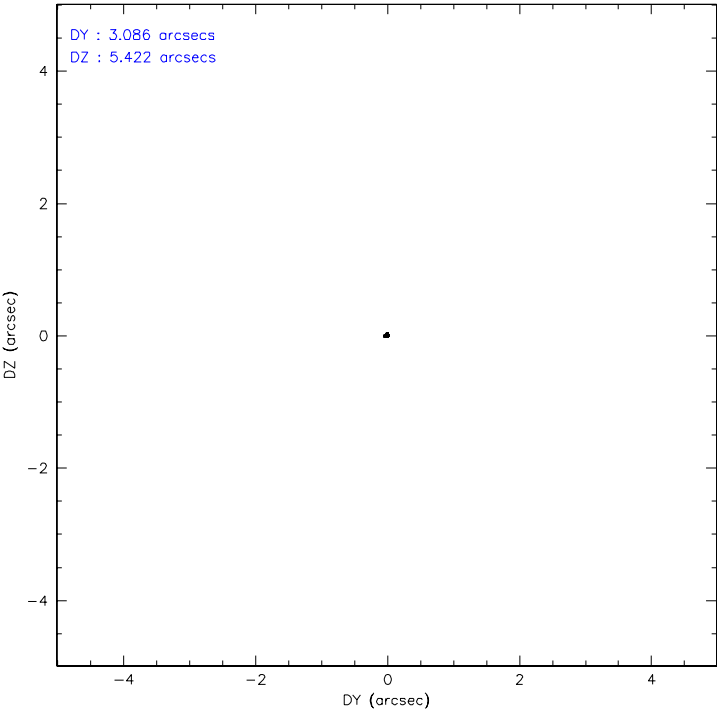
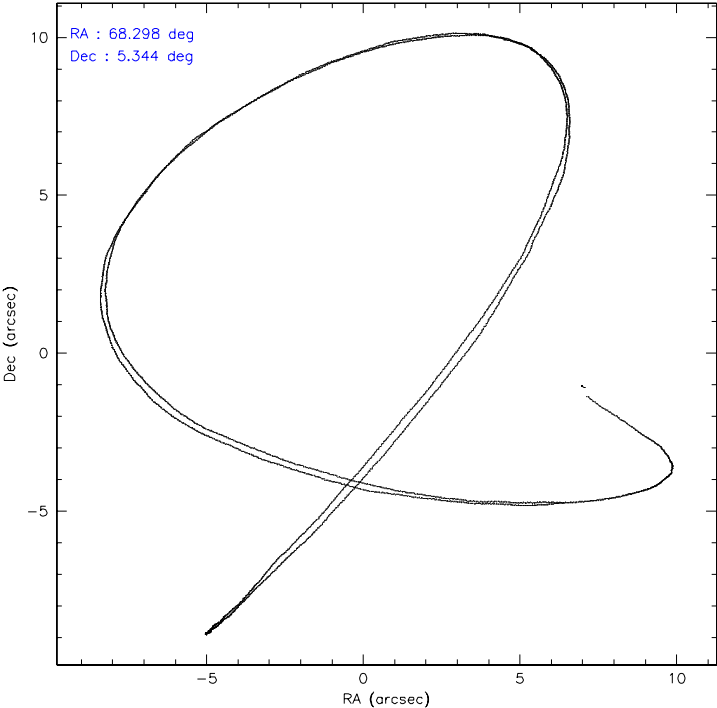
	ccd 7
level 1 events	1683
rejected events	385
rejected %	22%

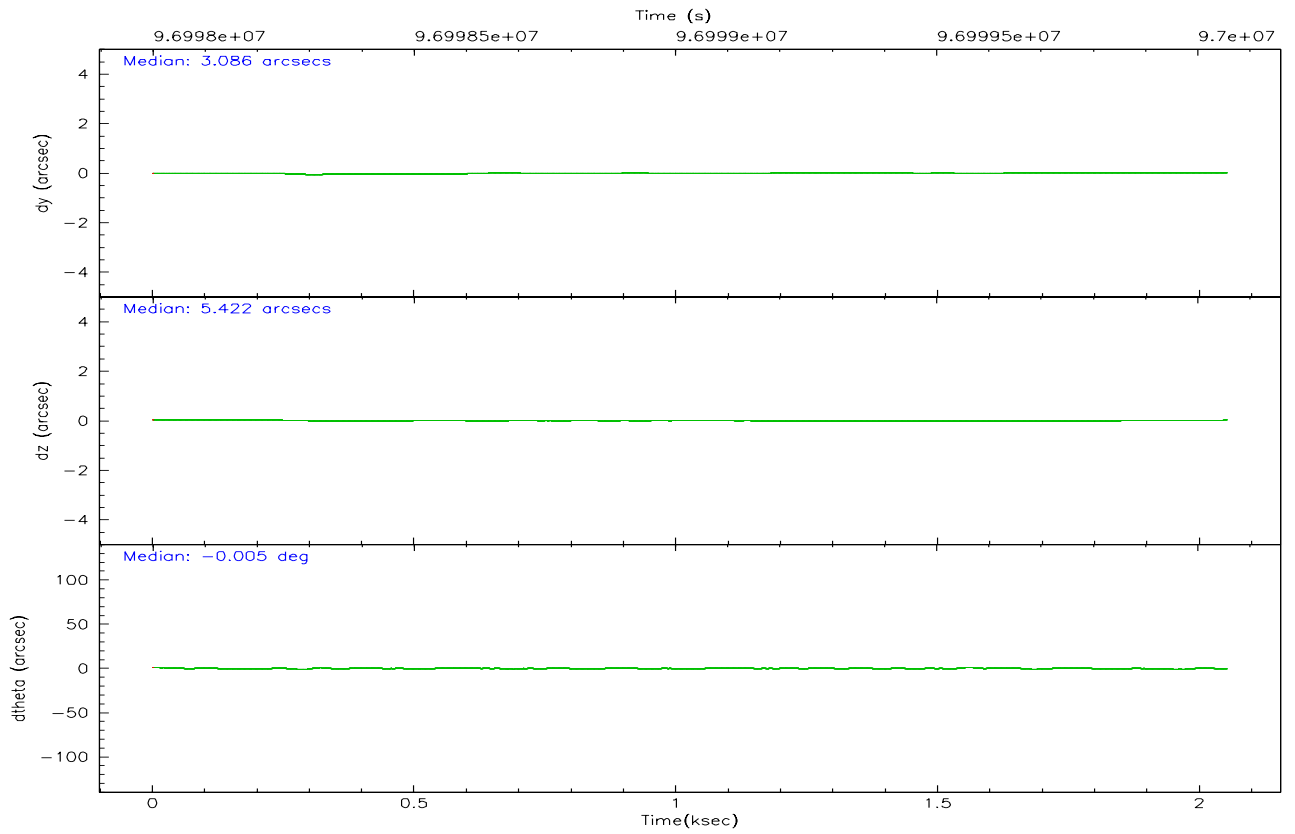
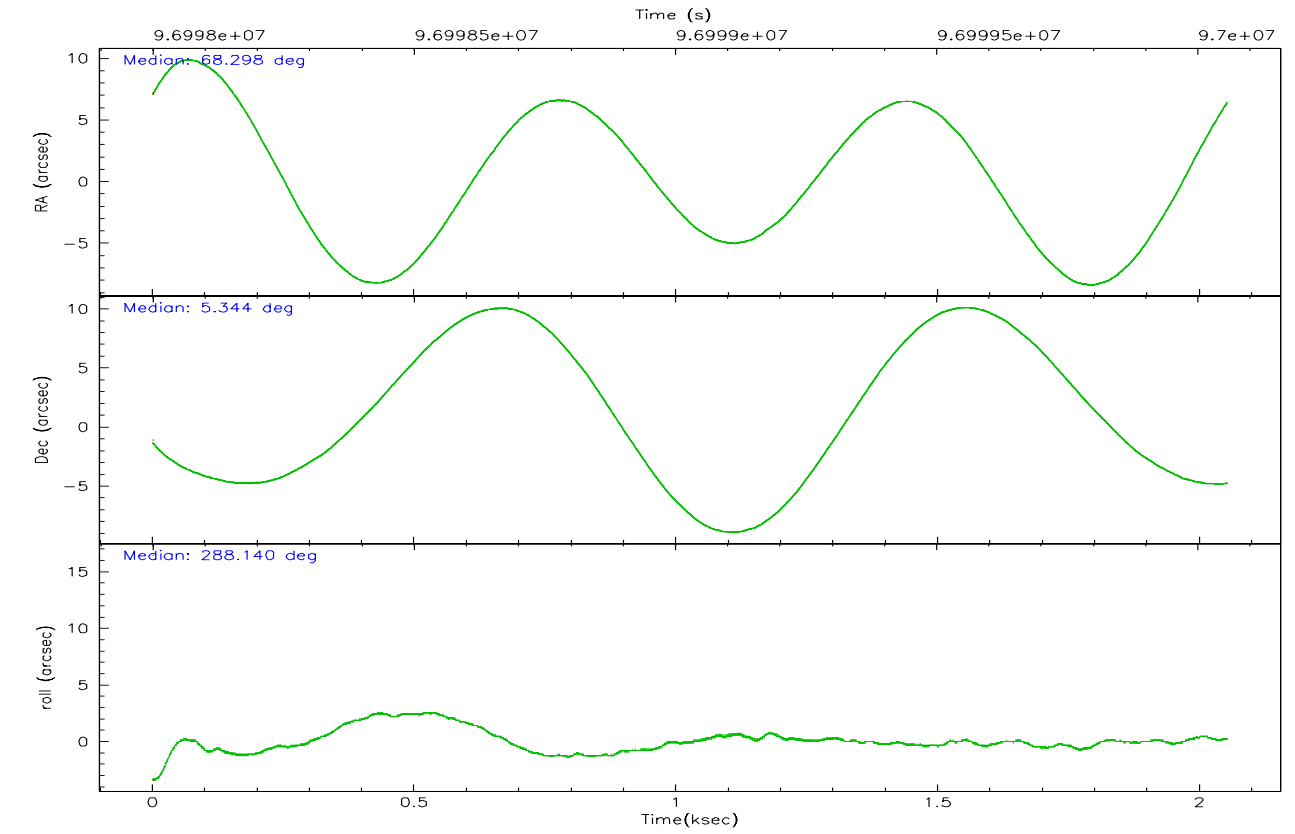
	ccd 7
grade 0 events	284
	16%
grade 1 events	14
	0%
grade 2 events	308
	18%
grade 3 events	154
	9%
grade 4 events	151
	8%
grade 5 events	88
	5%
grade 6 events	401
	23%
grade 7 events	283
	16%

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	68.276997	68.29759641348659	Subarray requested	CUSTOM	1/8
Pointing Dec	5.362650	5.34454648349322	Subarray start row	447	447
Pointing Roll	287.990425	288.1451361867698	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	Y	Y
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.100000	0.1
SIM translation stage pos (mm)	-190.132523	-190.1425803651734	Secondary exposure time	0.400000	0.4
SIM translation stage offset (mm)	0	0.01005778216563158	Duty cycle	1	1
Observation start time	96999053.184000	96997667.039708			
Observation start date	2001-01-27T16:09:49	2001-01-27T15:47:47			
Observation end time	97000053.184000	97000972.152336			
Observation end date	2001-01-27T16:26:29	2001-01-27T16:42:52			
Read mode	TIMED	TIMED			

2.3 Aspect



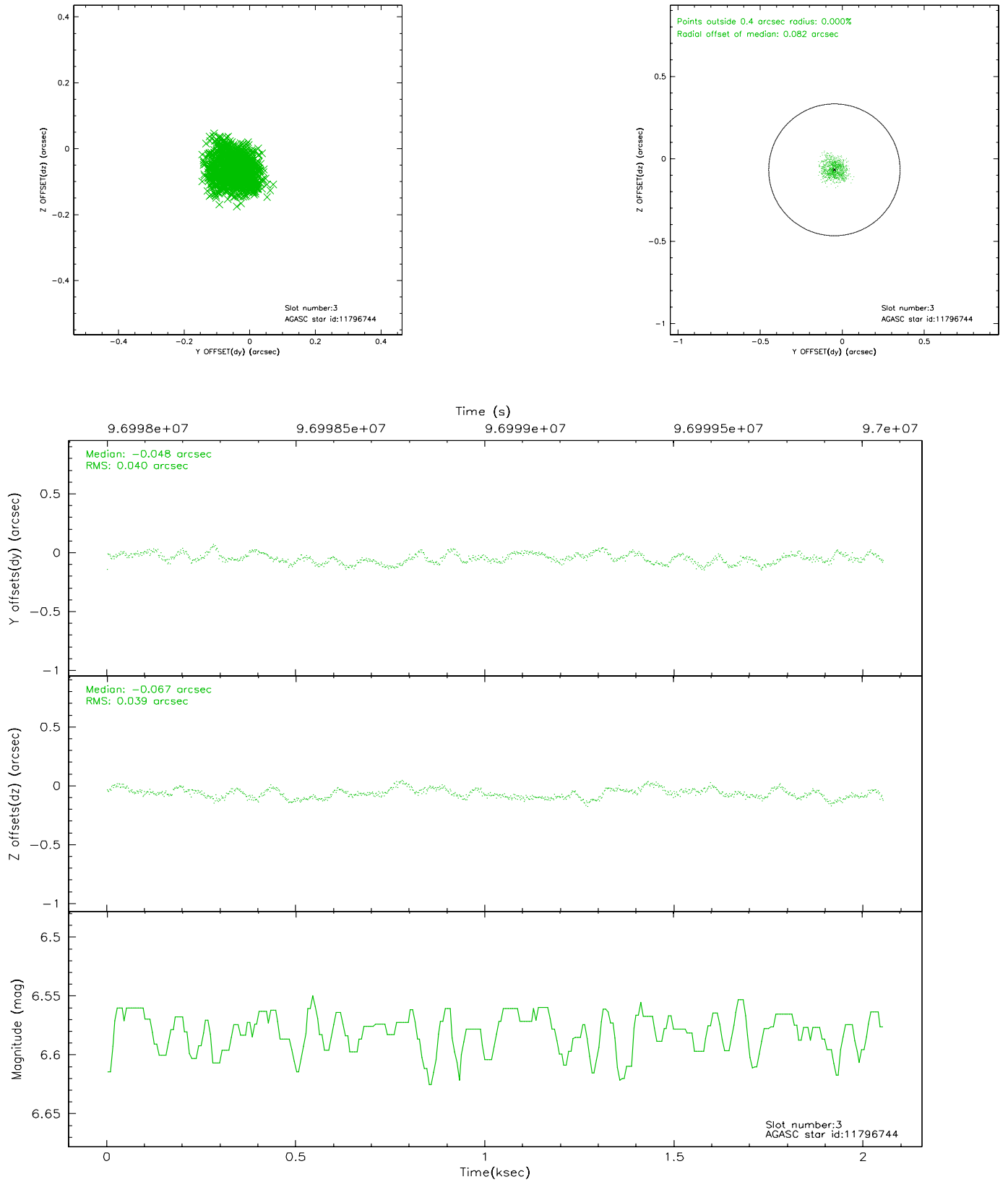


Slot Statistics

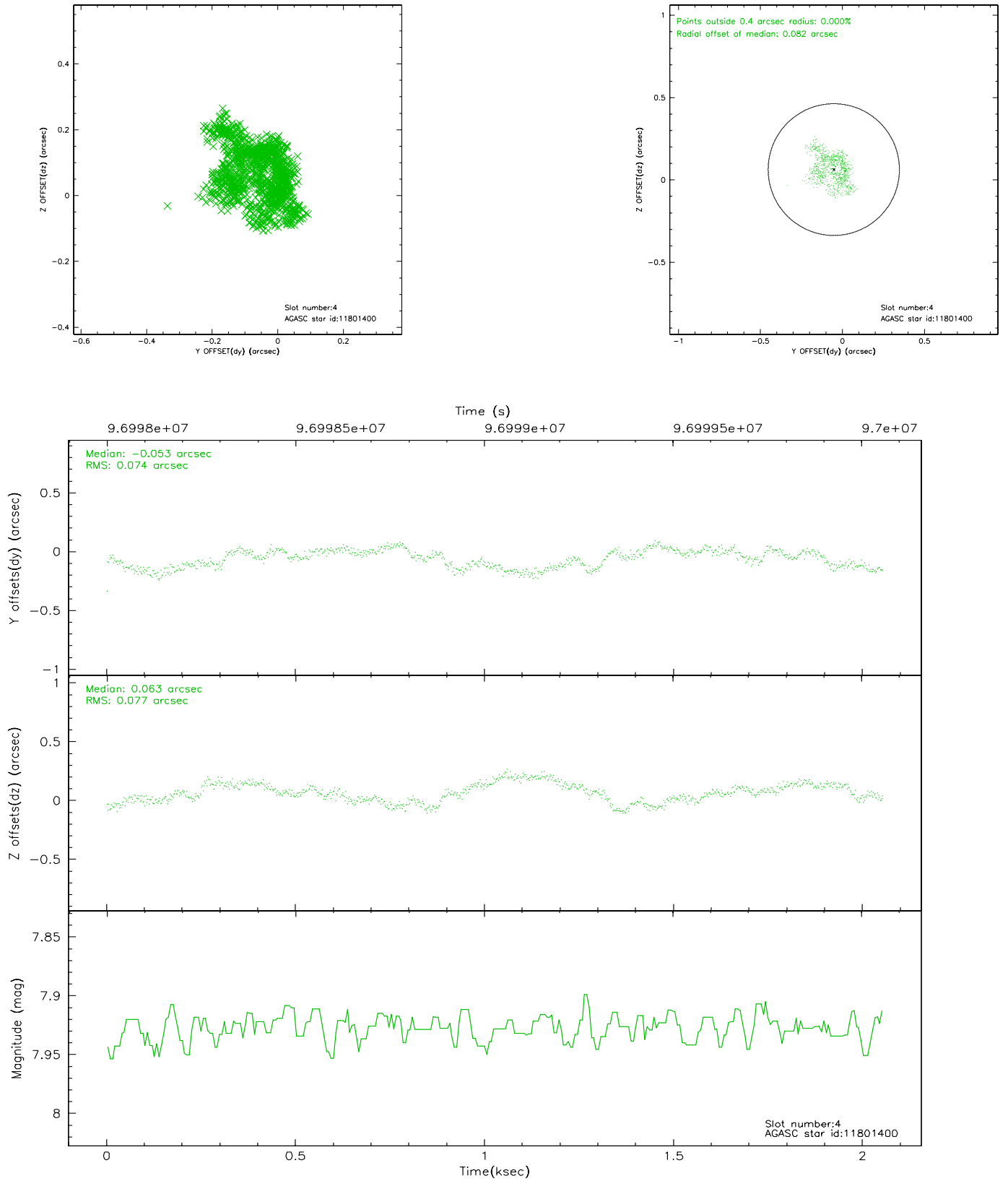
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	501	-0.012	0.031	0.006	0.010	0.000000	0.000000	-755.70	-1726.48
1	FID	ACIS-S-4	7.20	501	-0.070	-0.003	0.005	0.008	0.000000	0.000000	2156.04	178.75
2	FID	ACIS-S-5	7.24	501	0.051	-0.019	0.006	0.010	0.000000	0.000000	-1804.42	175.94
3	GUIDE	11796744	6.58	1002	-0.048	-0.067	0.061	0.092	68.020033	5.410032	-446.76	-823.51
4	GUIDE	11801400	7.93	1002	-0.053	0.063	0.113	0.177	68.459989	5.385023	125.60	647.43
5	GUIDE	11801640	8.21	1002	0.246	-0.154	0.075	0.125	67.856054	4.575290	2229.59	-2311.80
6	GUIDE	12327088	8.62	1002	-0.184	0.073	0.056	0.093	67.823561	5.844308	-2149.18	-1011.58
7	GUIDE	11798168	8.73	1000	0.049	0.083	0.061	0.101	68.723067	4.993277	1756.19	1109.96

2.4 Star Slots

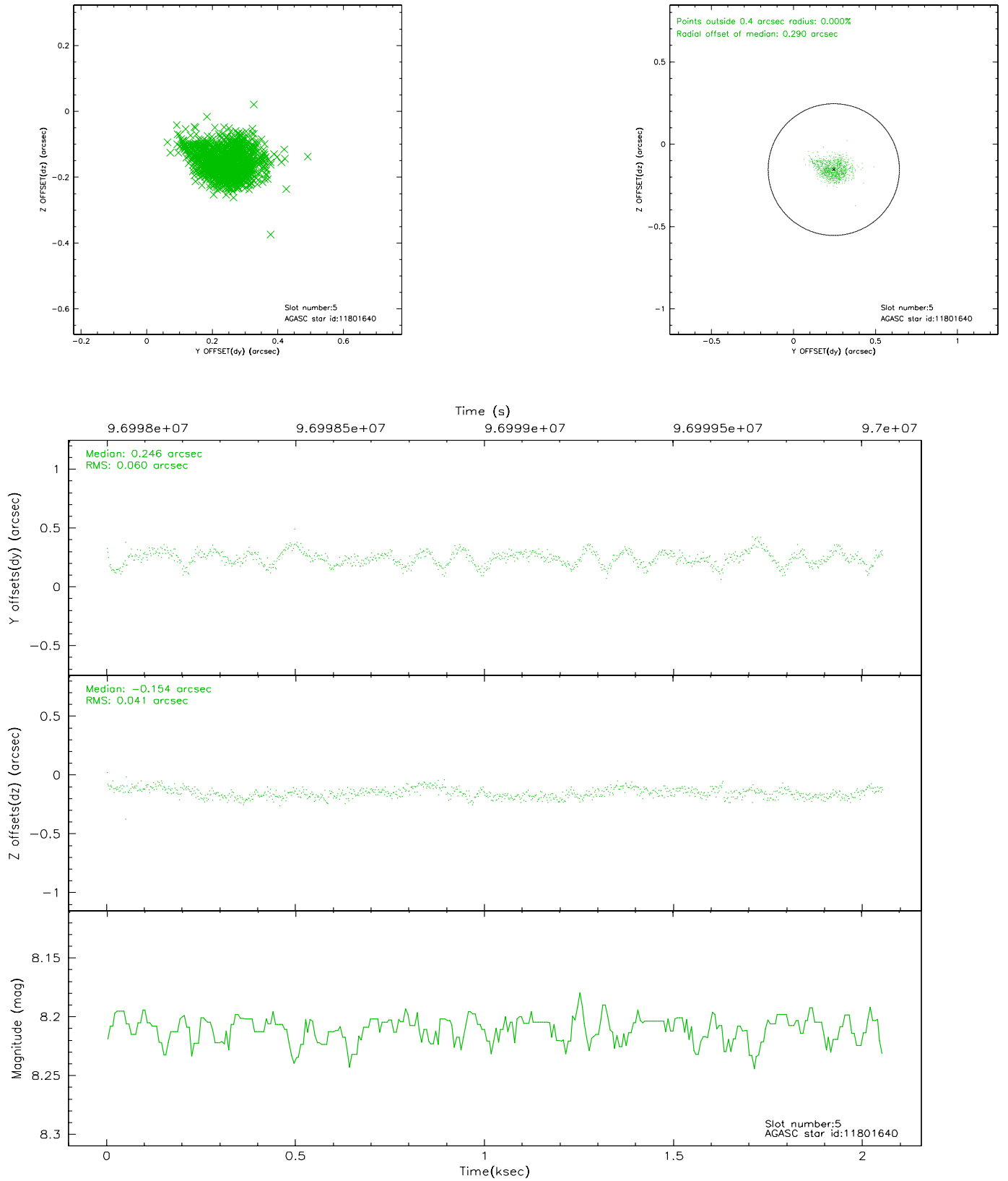
2.4.1 Slot 3



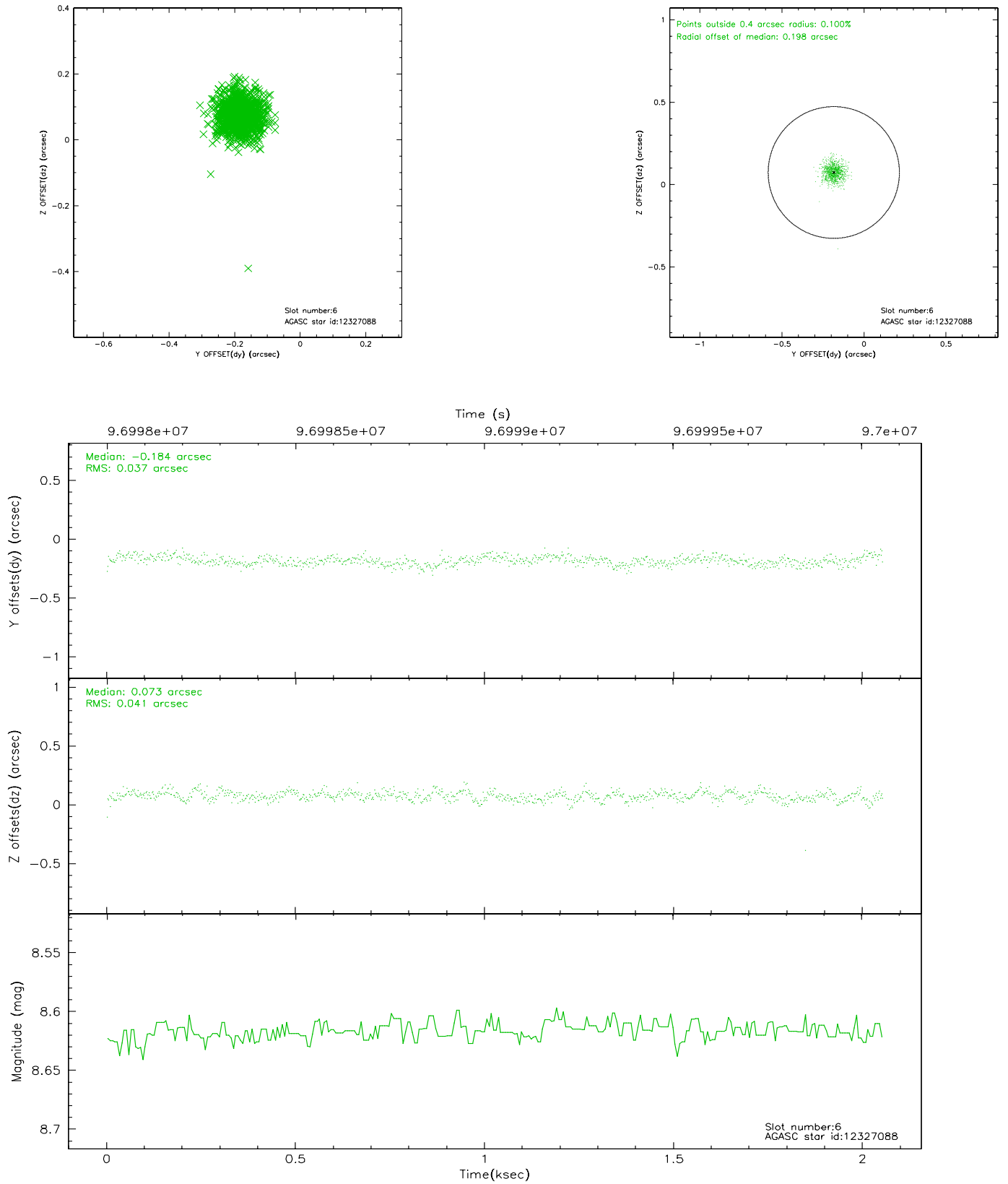
2.4.2 Slot 4



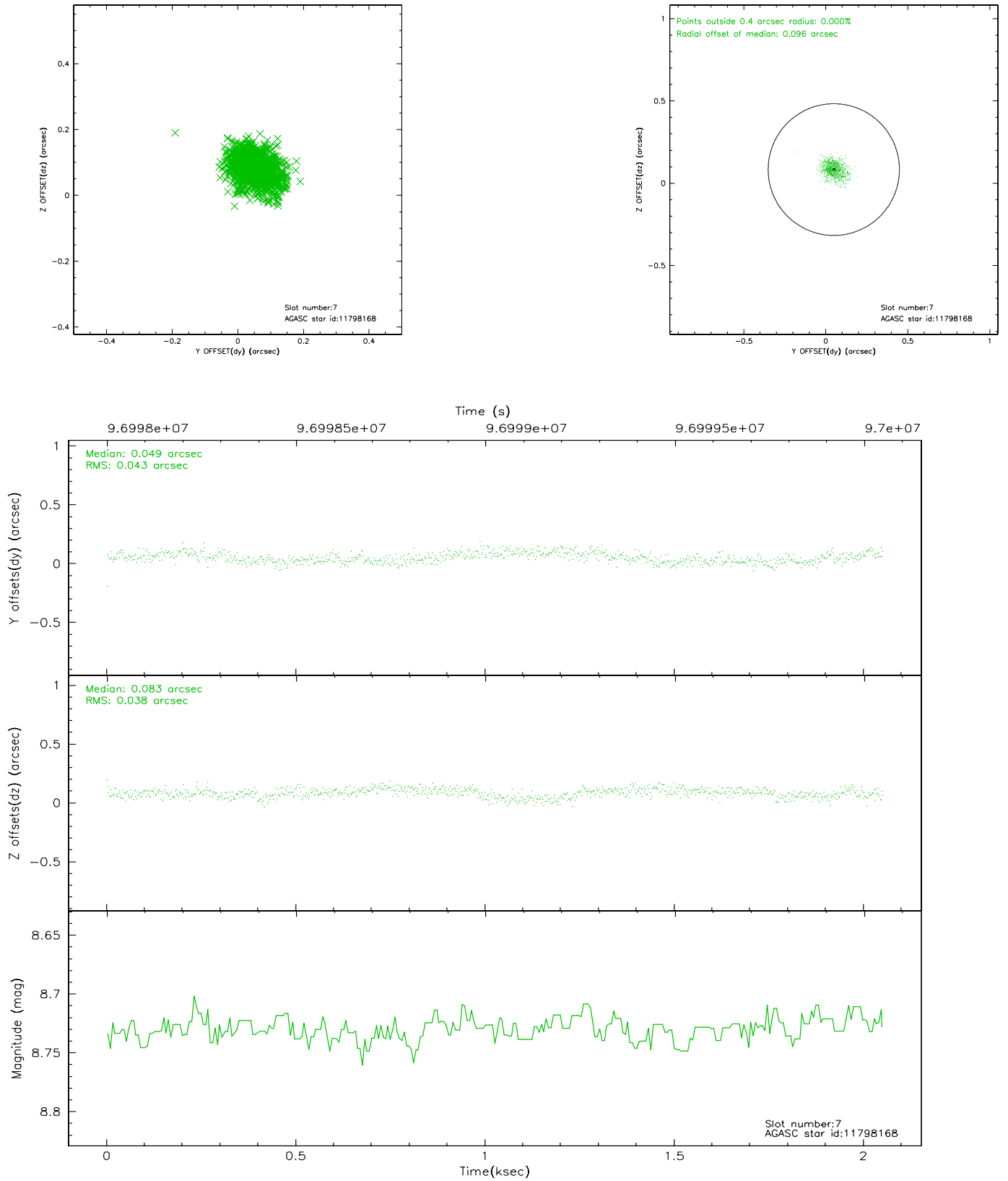
2.4.3 Slot 5



2.4.4 Slot 6

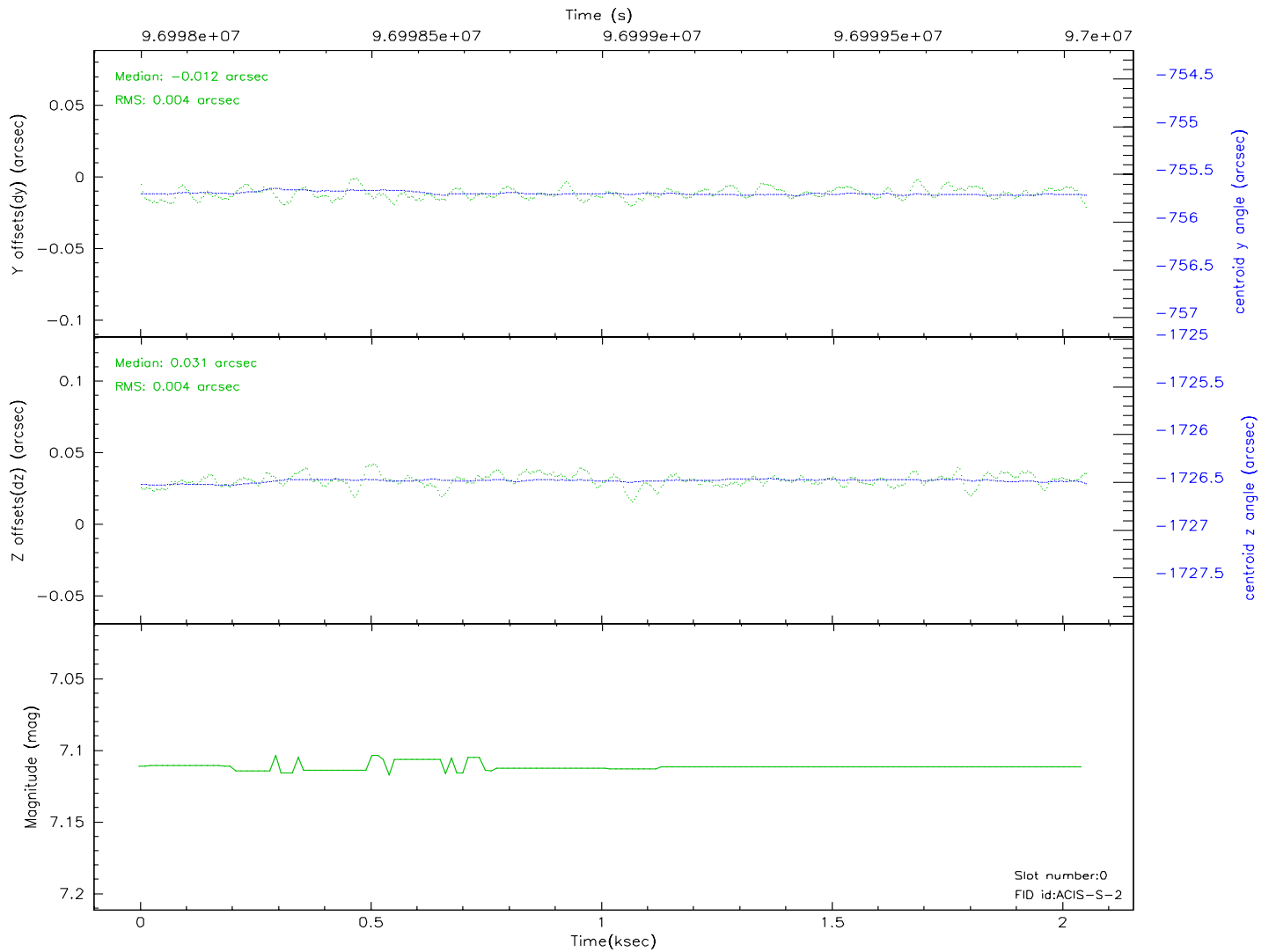
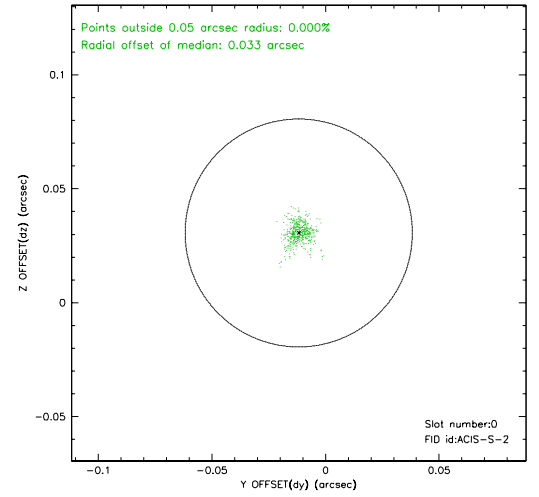
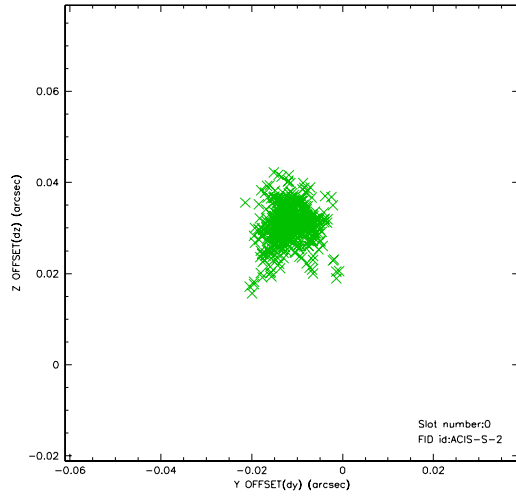


2.4.5 Slot 7

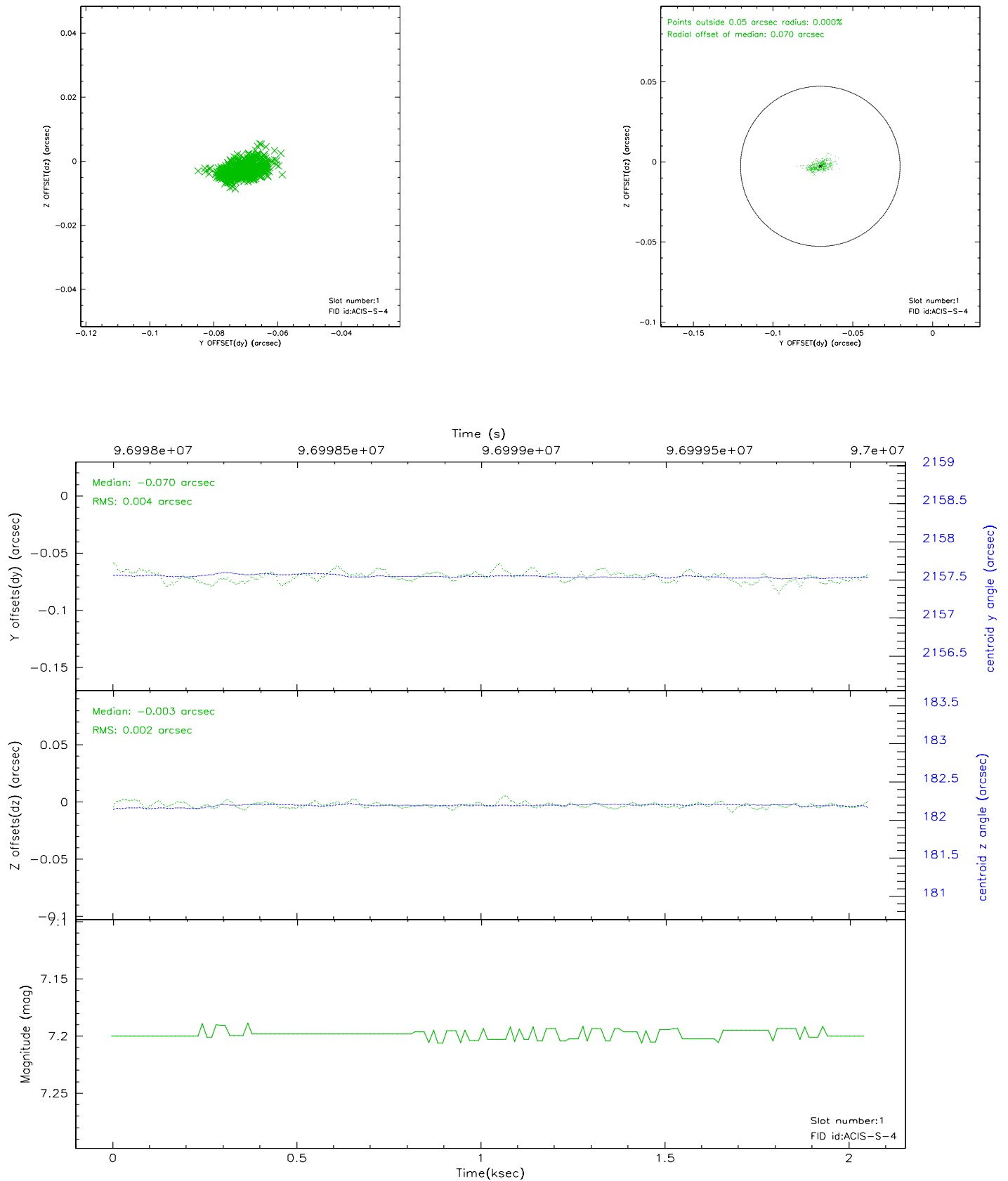


2.5 FID Slots

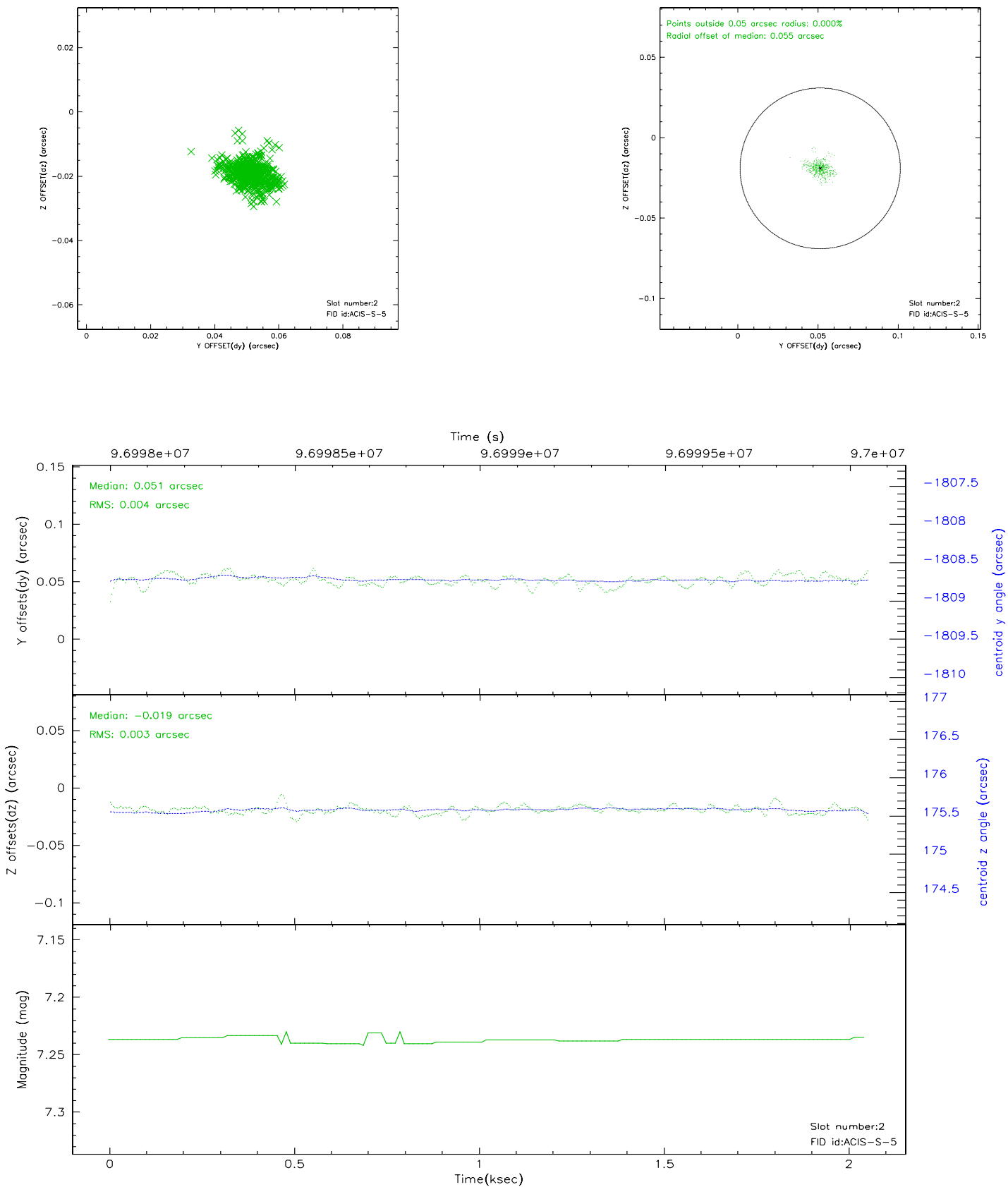
2.5.1 Slot 0



2.5.2 Slot 1



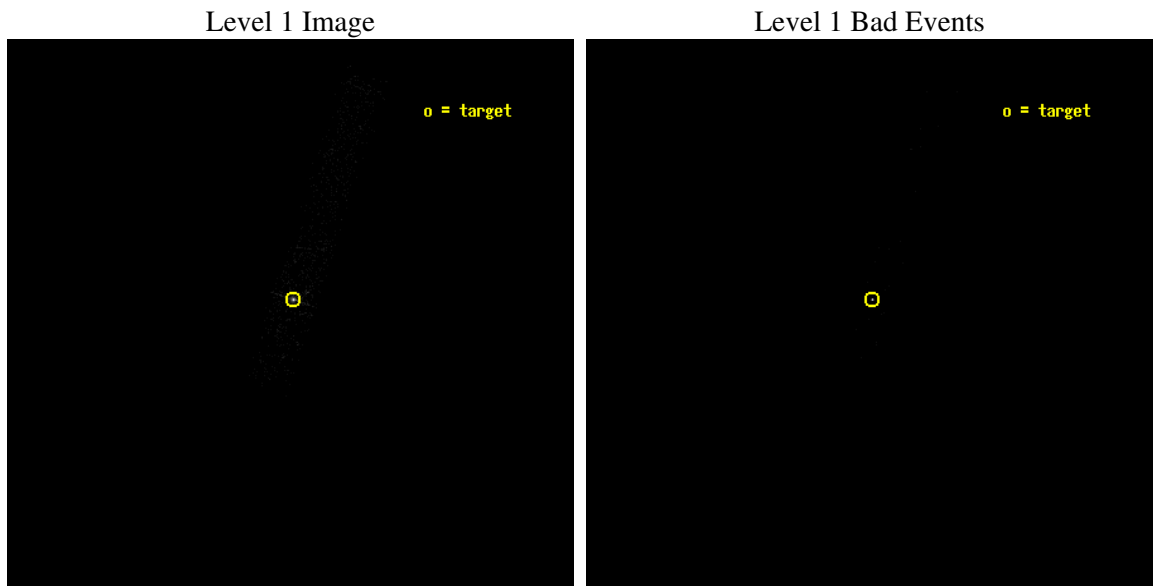
2.5.3 Slot 2



3 OBI Secondary

3.1 OBI

3.1.1 Images



3.1.2 Bias

Chip 7



3.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-04T10:05:47
revision	3

sched_exp_time	1000.000000
ontime	772.26105621457
ontime7	772.26105621457
l1events	3318

3.1.4 Events

	ccd 7
level 1 events	3318
rejected events	1489
rejected %	44%

	ccd 7
grade 0 events	253
	7%
grade 1 events	29
	0%
grade 2 events	411
	12%
grade 3 events	172
	5%
grade 4 events	166
	5%
grade 5 events	312
	9%
grade 6 events	828
	24%
grade 7 events	1147
	34%

4 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.769

A.2 Comments