

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3974 - L2 Version 001
Chandra X-Ray Center

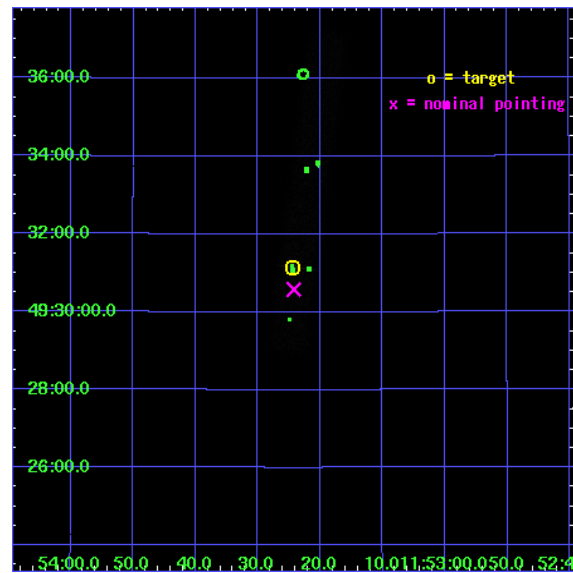
L2 Processing Date : Jul 14 2006

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1 Front

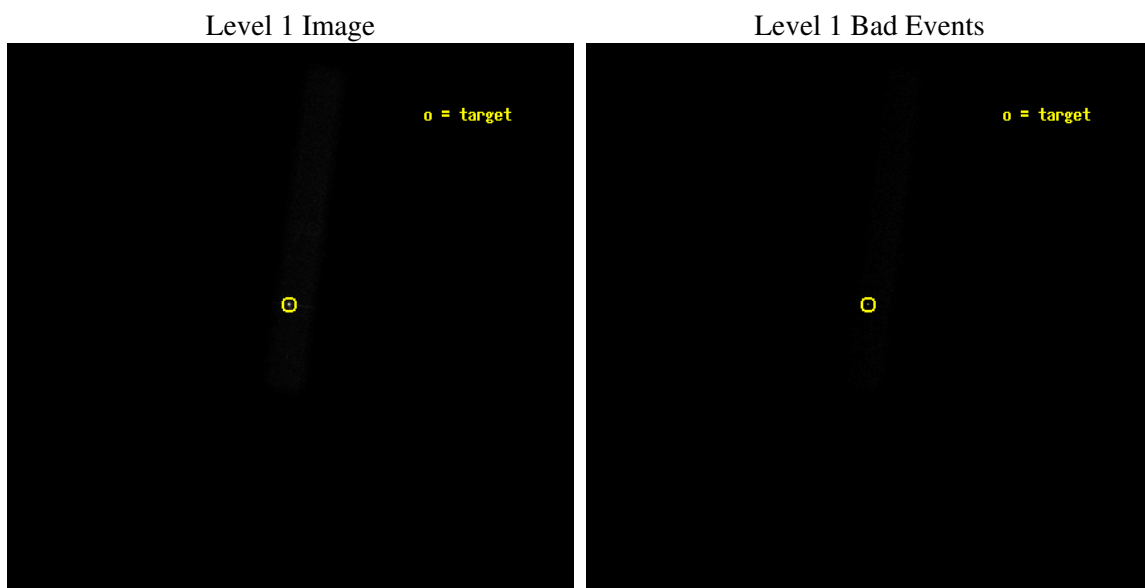
seq_num	700653
obs_id	3974
title	THE PHYSICS OF RELATIVISTIC JETS: DEEP CHANDRA AND HST OBSERVATIONS OF TWO NEWLY DISCOVERED JETS
observer	Dr. Rita Sambruna
object	1150+495
dtcycle	0
cycle	P
ra_targ	178.351667
dec_targ	49.519167
ra_nom	178.35099286642
dec_nom	49.509532550463
roll_nom	277.51981100733
revision	2
ontime	68495.190650553
livetime	62121.522447445
ontime7	68495.190650553
l2events	73779



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-14T12:48:47
revision	2

sched_exp_time	68000.000000
ontime	68856.063564718
ontime7	68856.063564718
l1events	124639

2.1.4 Events

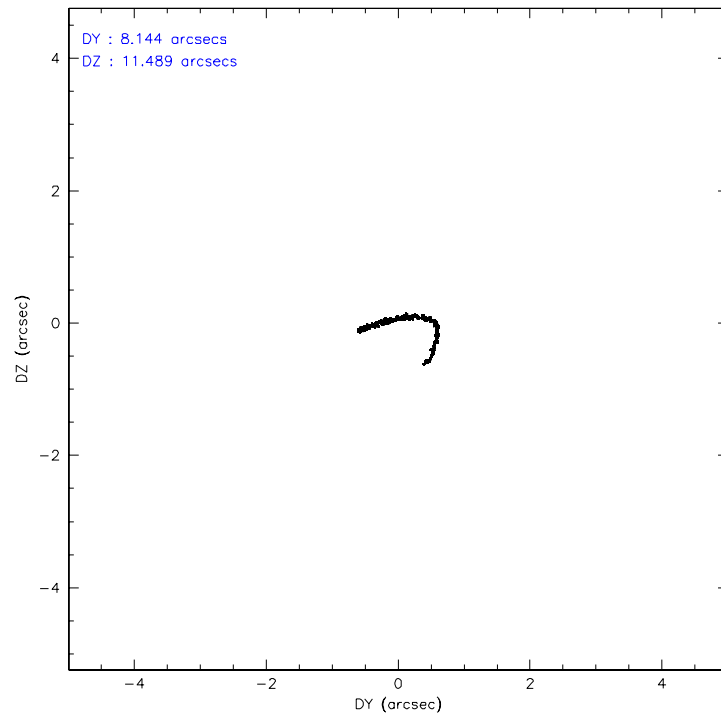
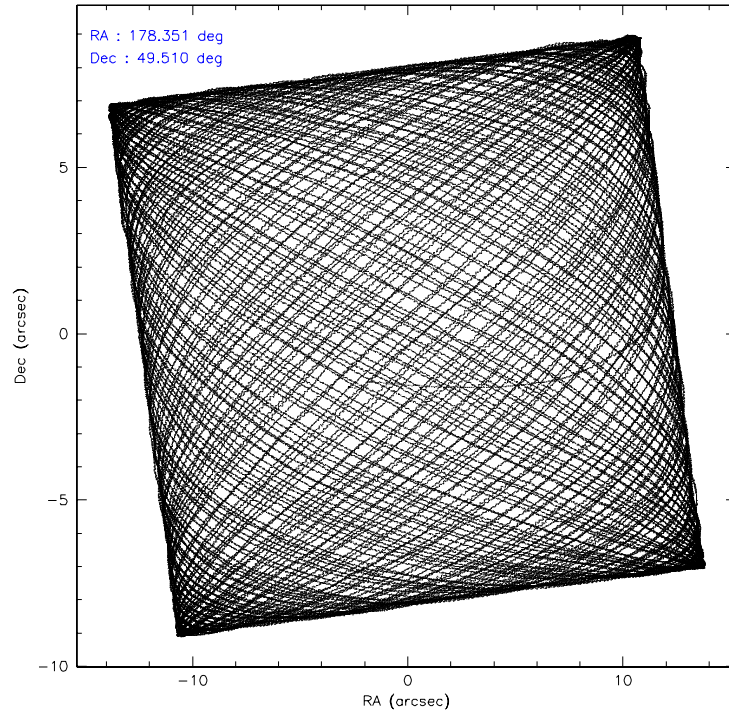
	ccd 7
level 1 events	124639
rejected events	45204
rejected %	36%

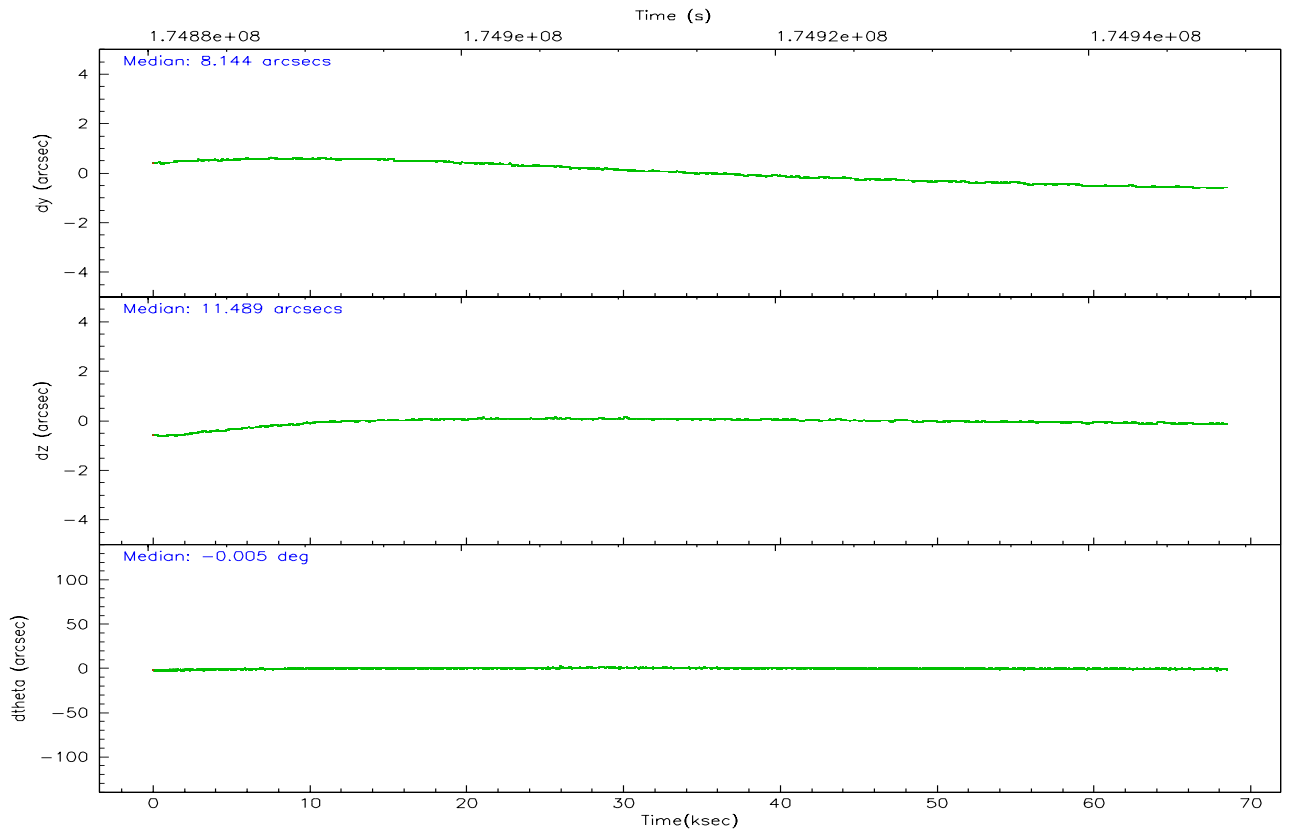
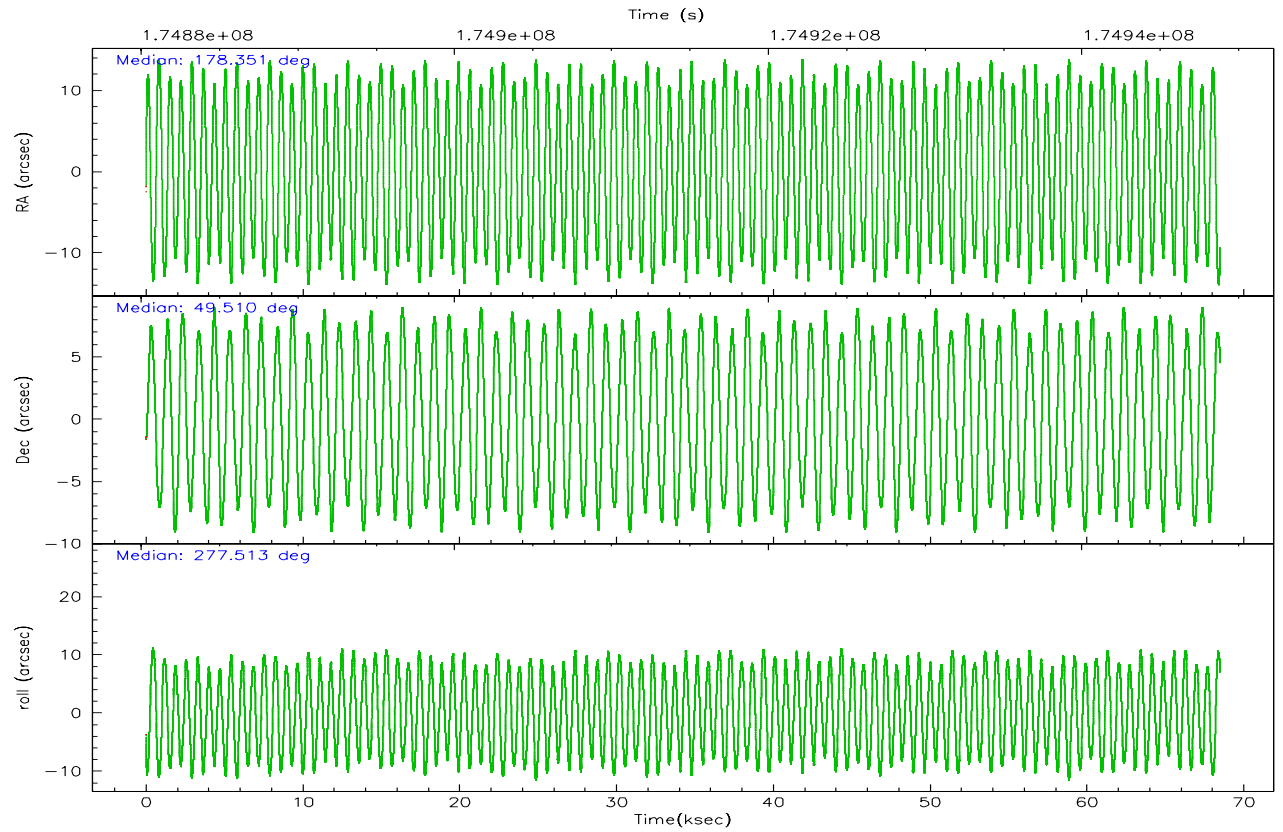
	ccd 7
grade 0 events	18001
	14%
grade 1 events	385
	0%
grade 2 events	19074
	15%
grade 3 events	8694
	6%
grade 4 events	8386
	6%
grade 5 events	6733
	5%
grade 6 events	25532
	20%
grade 7 events	37834
	30%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	178.324999	178.3509928664198	Subarray start row	0	449
Pointing Dec	49.530879	49.50953255046331	Subarray row count	1024	128
Pointing Roll	277.382962	277.5198110073278	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)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	174880813.184000	174879695.80217			
Observation start date	2003-07-18T01:59:09	2003-07-18T01:41:35			
Observation end time	174948813.184000	174949528.03015			
Observation end date	2003-07-18T20:52:29	2003-07-18T21:05:28			
Read mode	TIMED	TIMED			

2.3 Aspect



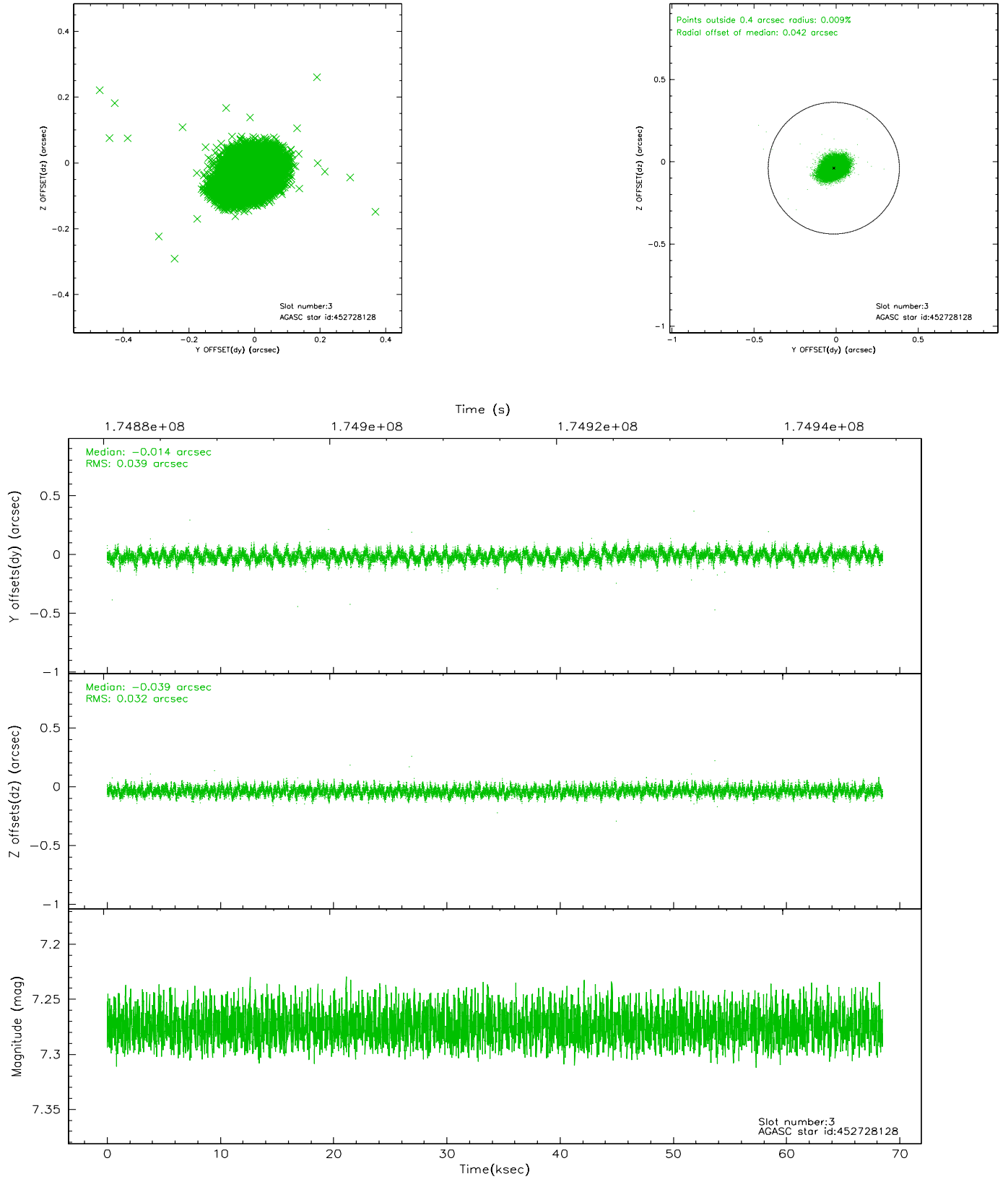


Slot Statistics

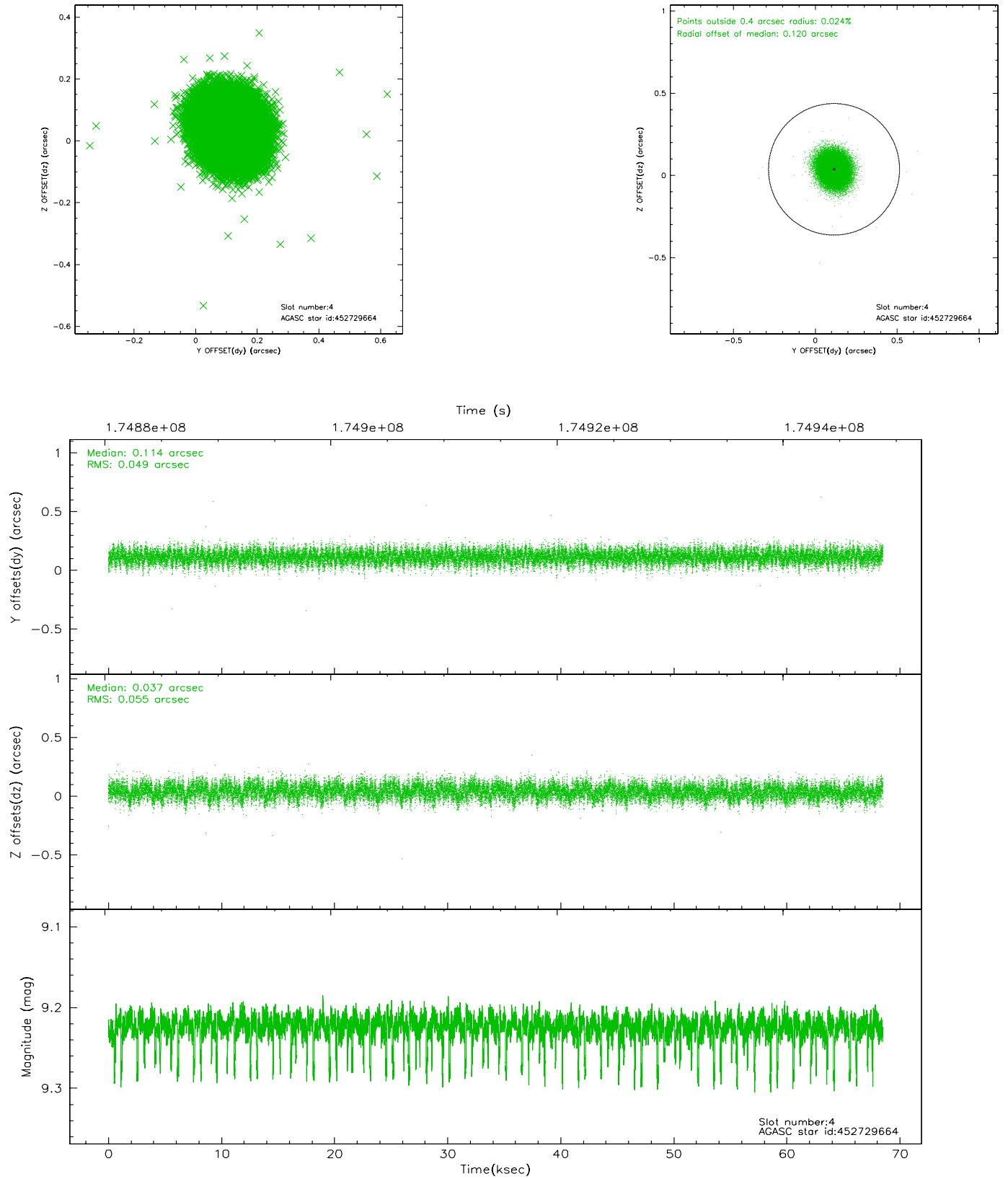
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	16705	-0.006	0.014	0.010	0.017	0.000000	0.000000	-760.95	-1732.72
1	FID	ACIS-S-4	7.20	16701	0.023	-0.001	0.017	0.027	0.000000	0.000000	2152.36	175.83
2	FID	ACIS-S-5	7.23	16703	-0.046	-0.004	0.018	0.028	0.000000	0.000000	-1813.93	169.40
3	GUIDE	452728128	7.27	33407	-0.014	-0.039	0.053	0.089	178.666422	48.933126	2236.51	524.42
4	GUIDE	452729664	9.22	33377	0.114	0.037	0.079	0.127	178.225787	49.395908	452.43	-292.60
5	GUIDE	452729840	9.44	33394	-0.030	0.061	0.102	0.161	179.209091	49.489671	400.93	2032.80
6	GUIDE	452730840	8.65	33407	0.035	-0.072	0.063	0.101	177.454175	49.232184	792.11	-2167.31
7	GUIDE	452731944	6.78	33409	-0.106	0.016	0.058	0.089	178.059893	49.931691	-1510.81	-423.84

2.4 Star Slots

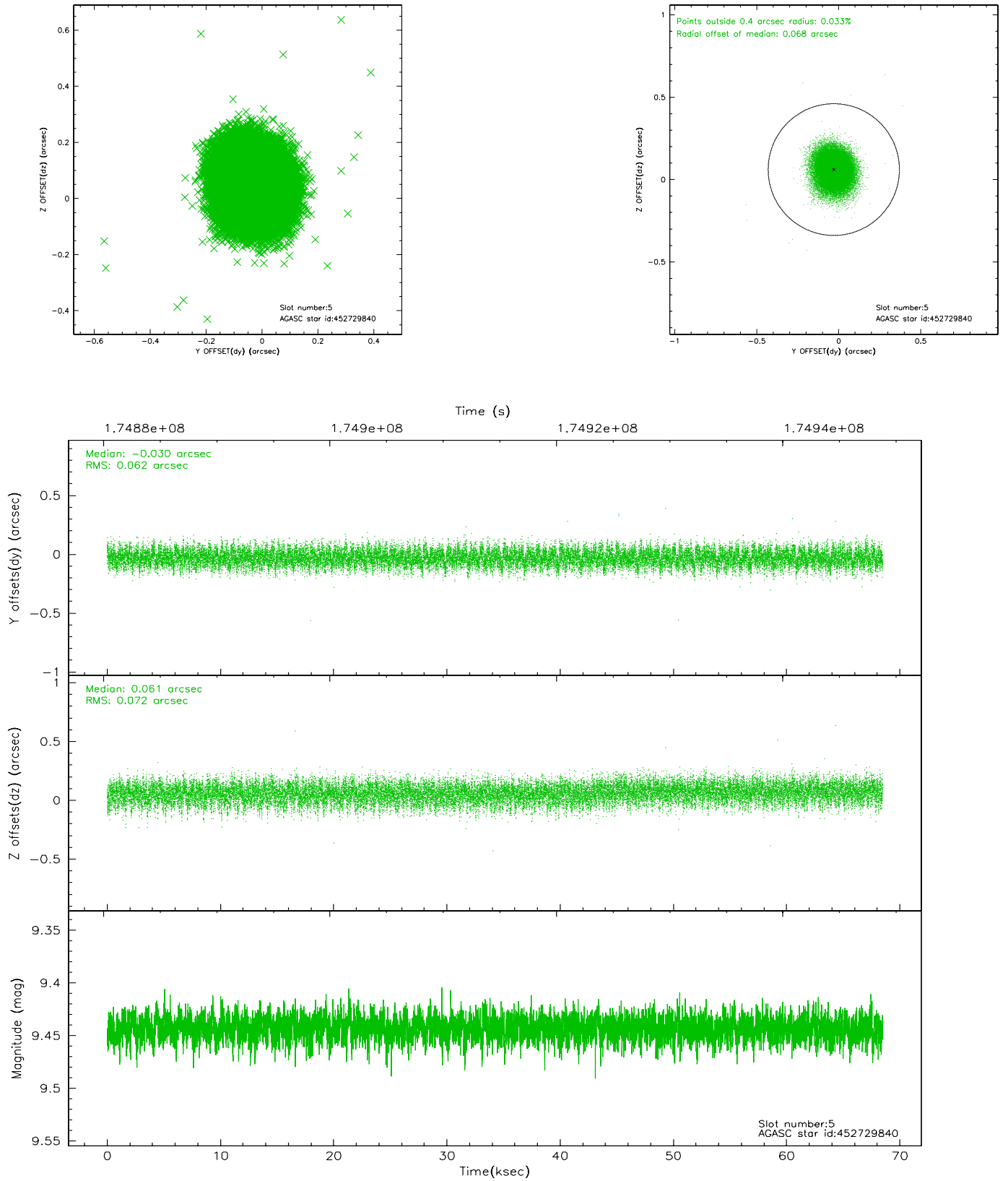
2.4.1 Slot 3



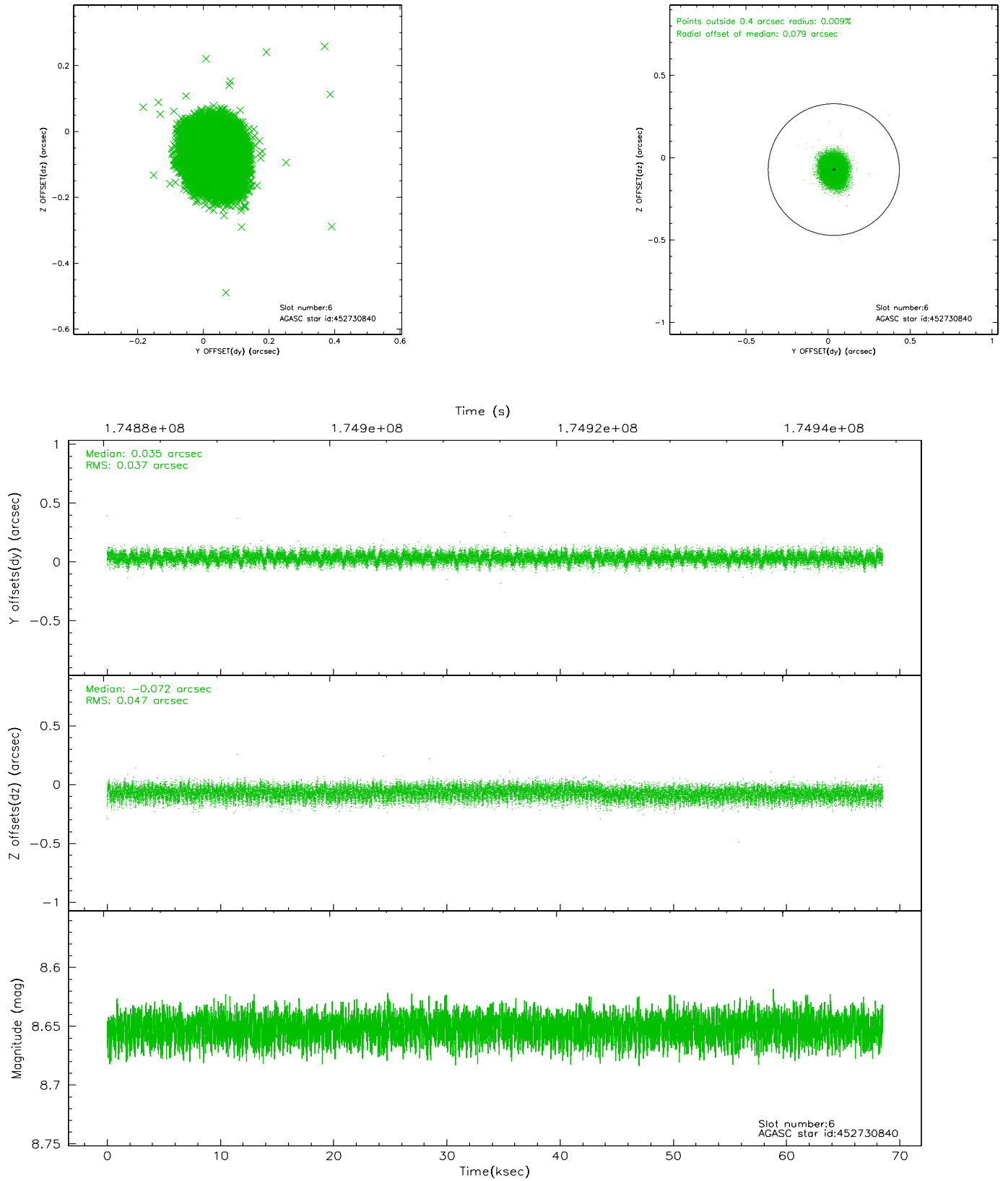
2.4.2 Slot 4



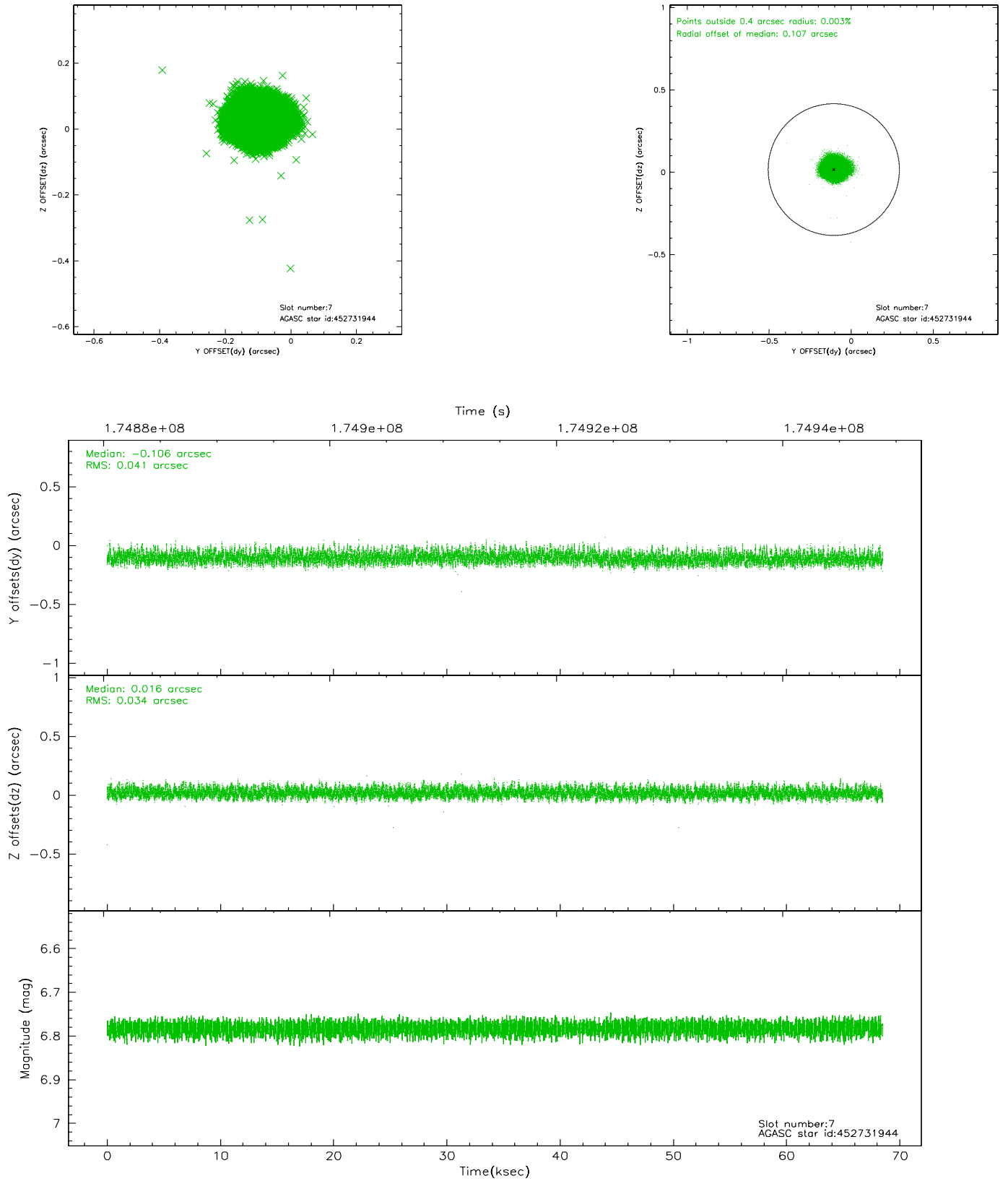
2.4.3 Slot 5



2.4.4 Slot 6

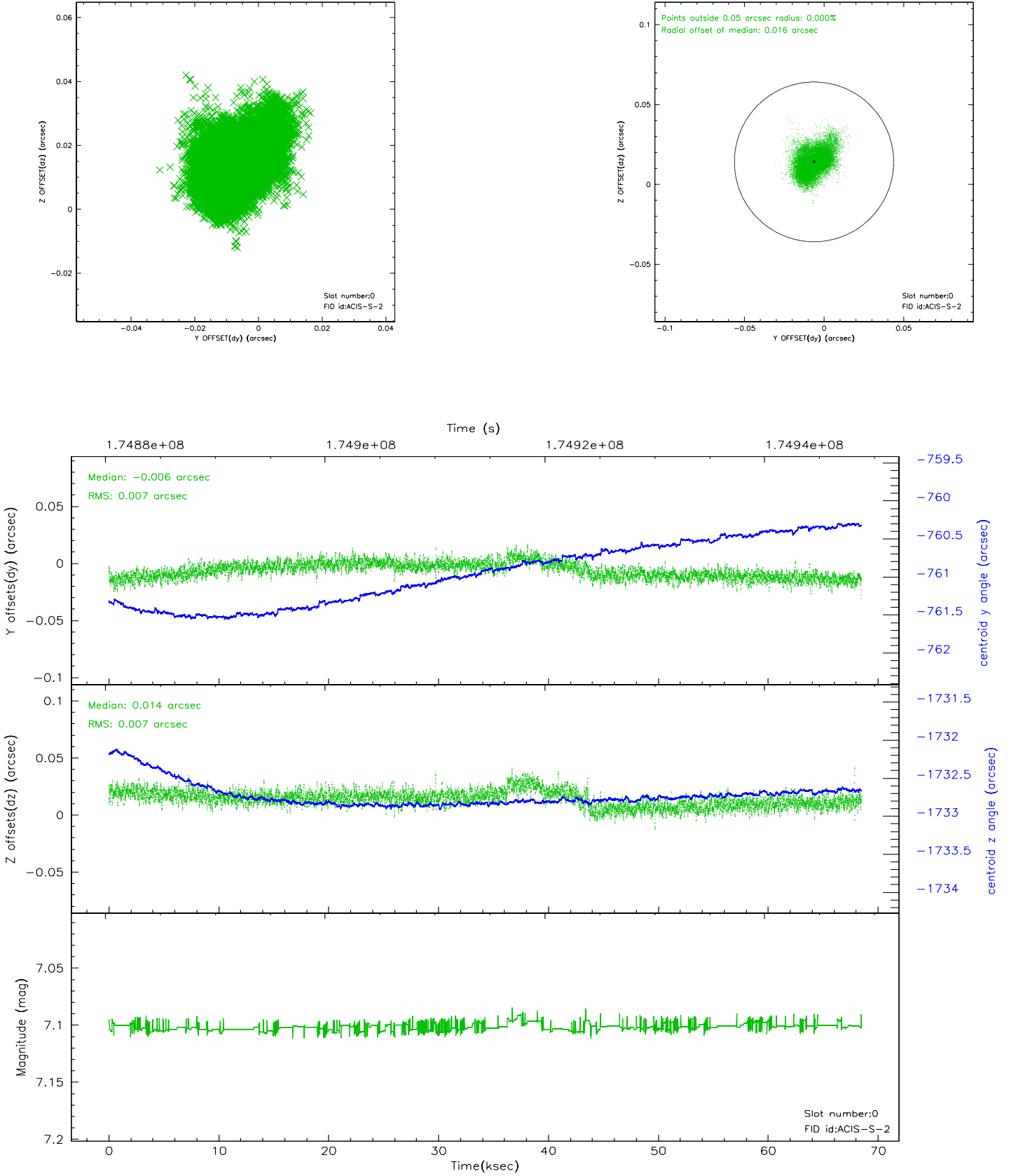


2.4.5 Slot 7

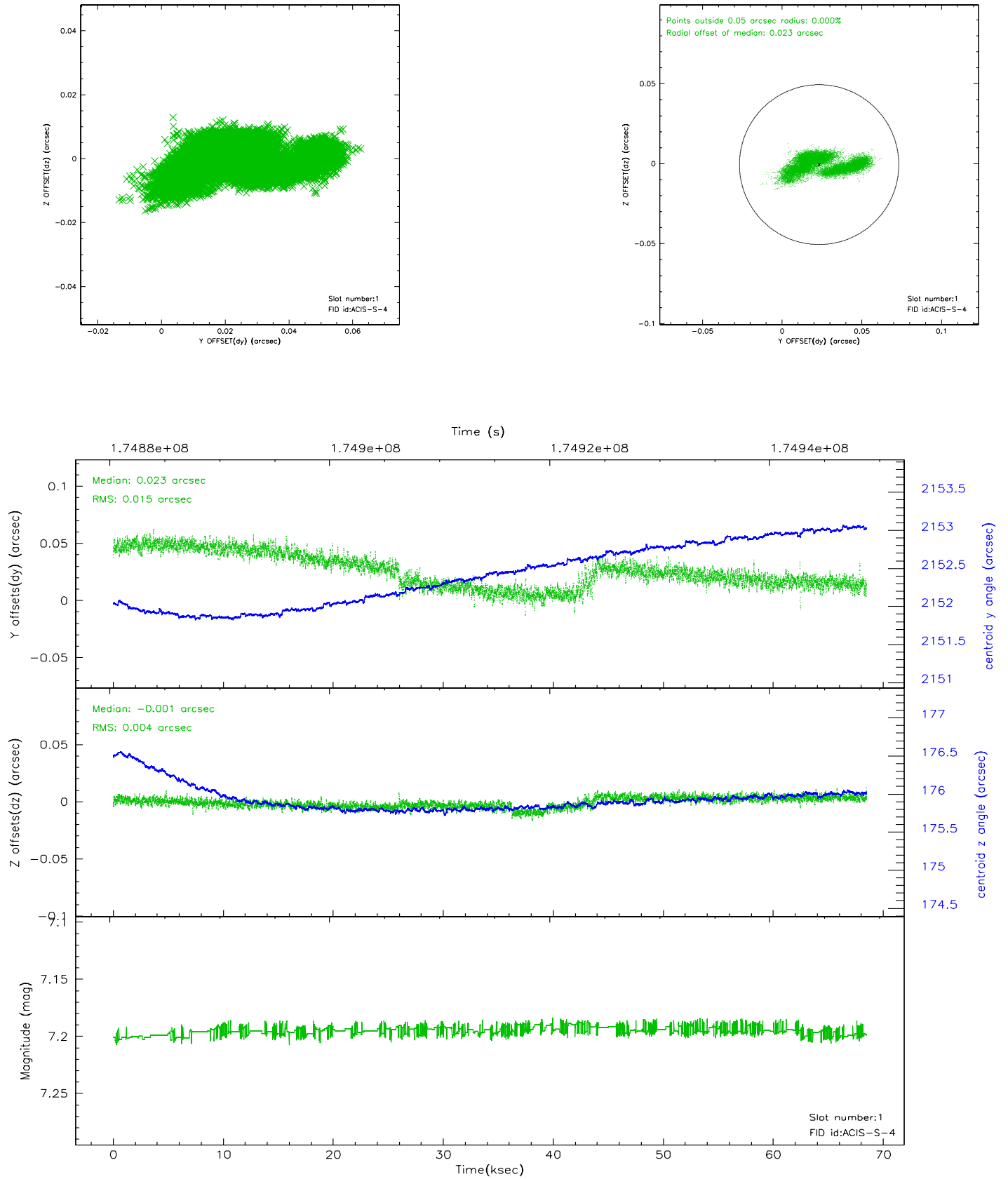


2.5 FID Slots

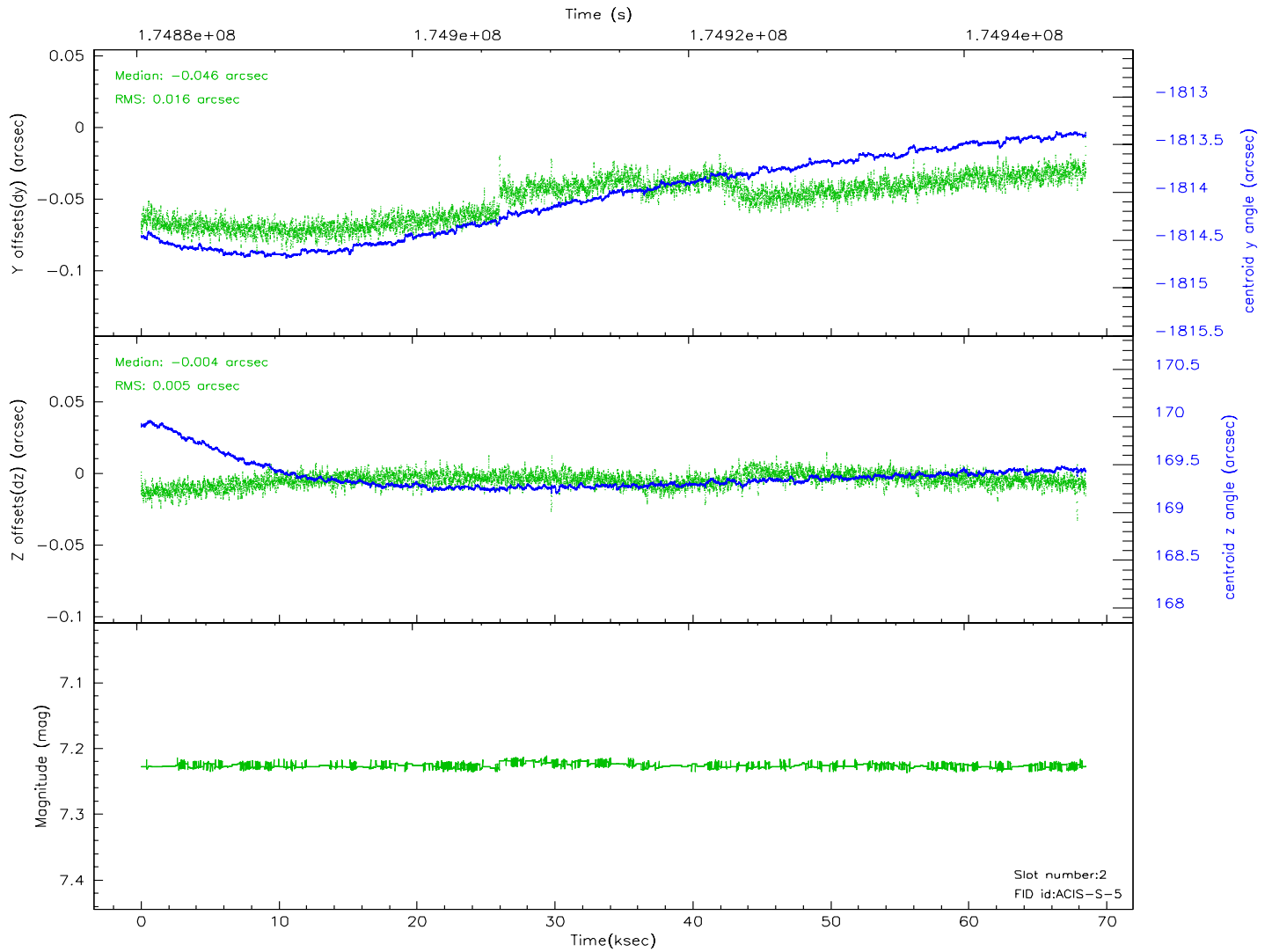
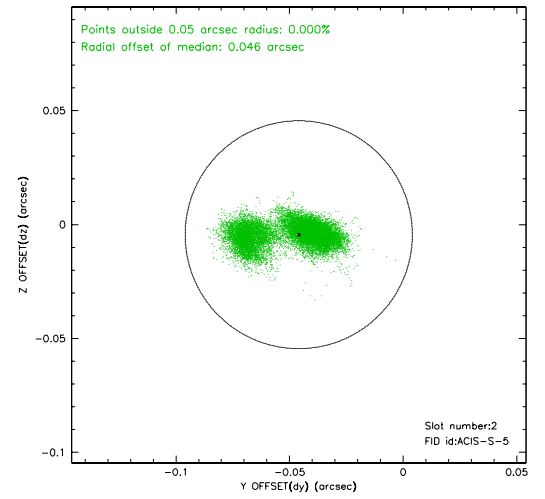
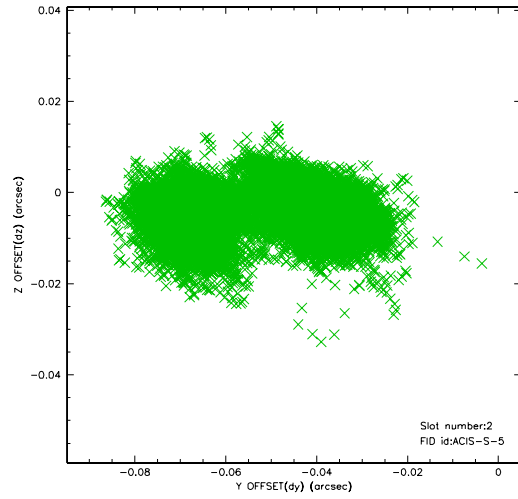
2.5.1 Slot 0



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)	2006.07.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	68.495

A.2 Comments