

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 710 - L2 Version 001
Chandra X-Ray Center

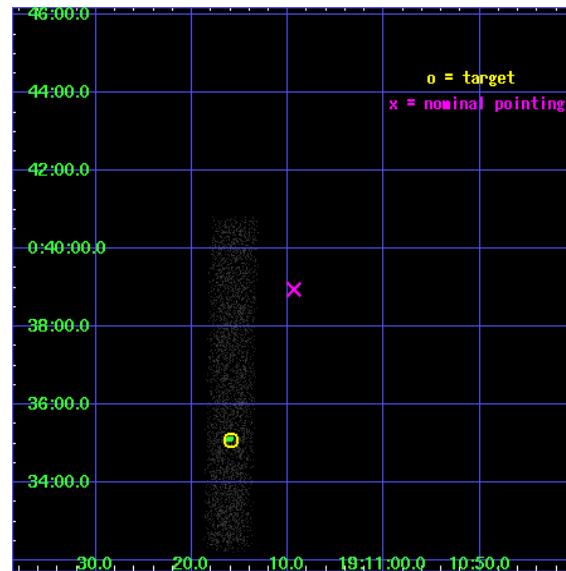
L2 Processing Date : Nov 15 2006

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1 Front

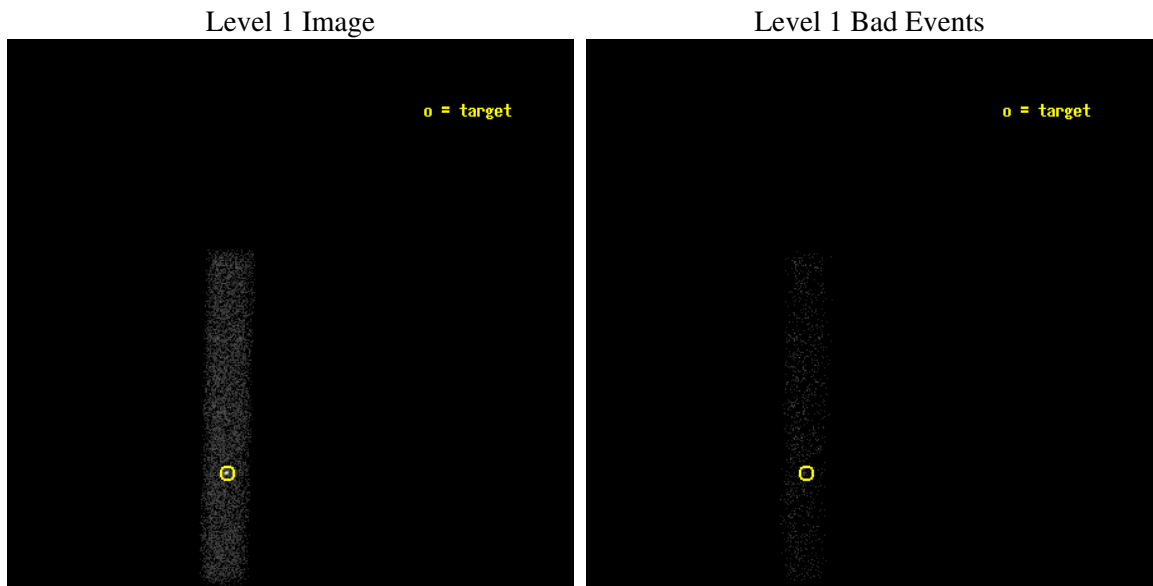
seq_num	400077
obs_id	710
title	TEMPORAL EVOLUTION OF TRANSIENT TYPE I BURSTERS IN QUIESCENCE
observer	PROF. LARS BILDSTEN
object	AQL X-1
dtcycle	0
cycle	P
ra_targ	287.816667
dec_targ	0.585111
ra_nom	287.78913157347
dec_nom	0.64923048281595
roll_nom	91.293829317581
revision	2
ontime	8148.0001214147
livetime	7389.8060234126
ontime7	8148.0001214147
l2events	4679



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	3.2.4
date	2006-11-15T21:02:29
revision	2

sched_exp_time	8000.000000
ontime	8825.53795138
ontime7	8825.53795138
l1events	10795

2.1.4 Events

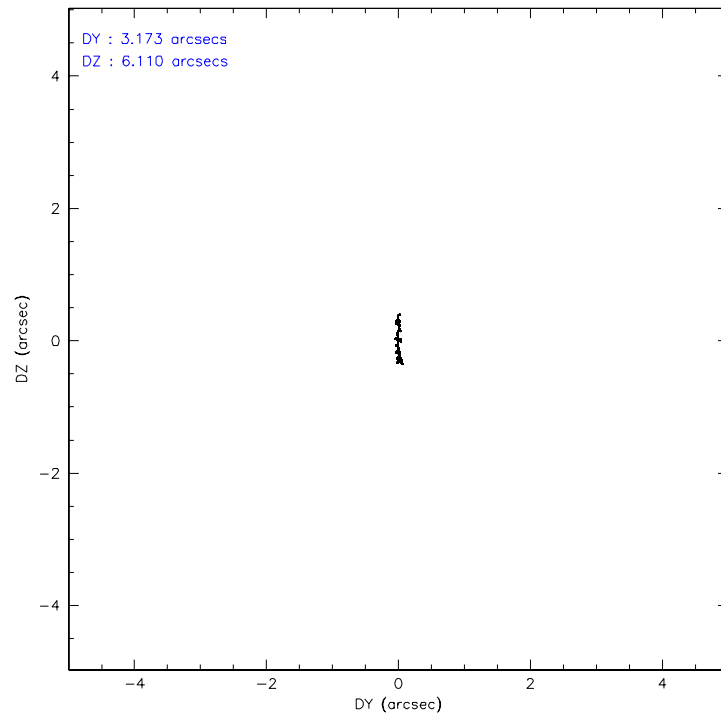
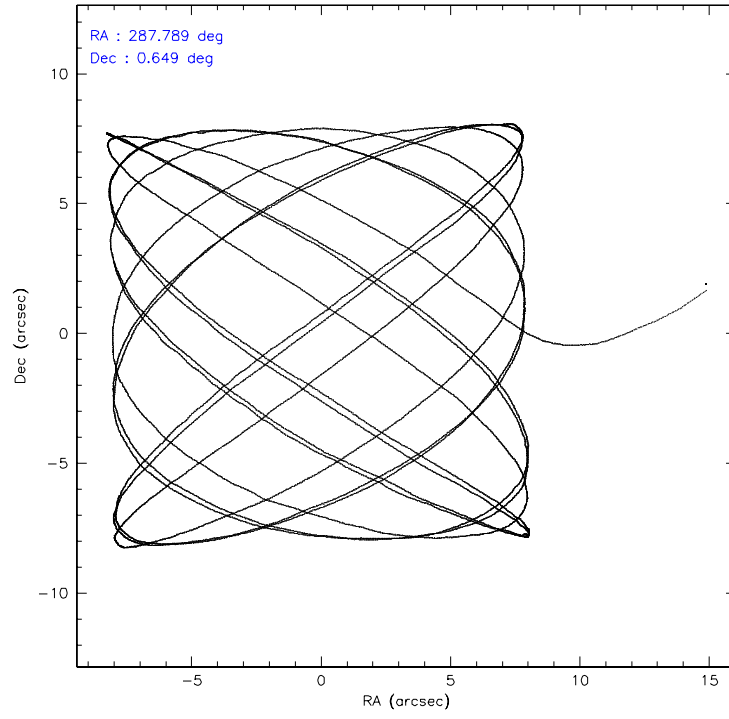
	ccd 7
level 1 events	10795
rejected events	5933
rejected %	54%

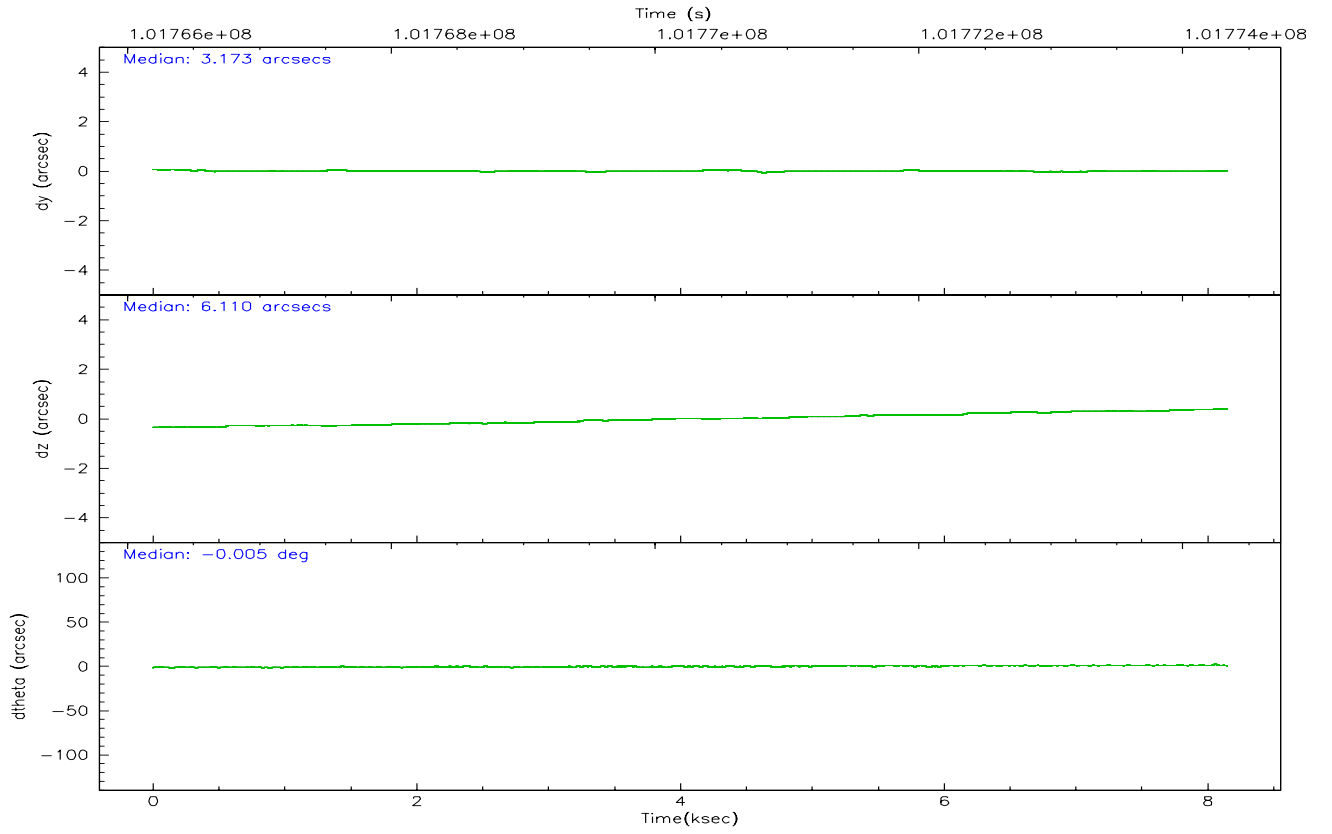
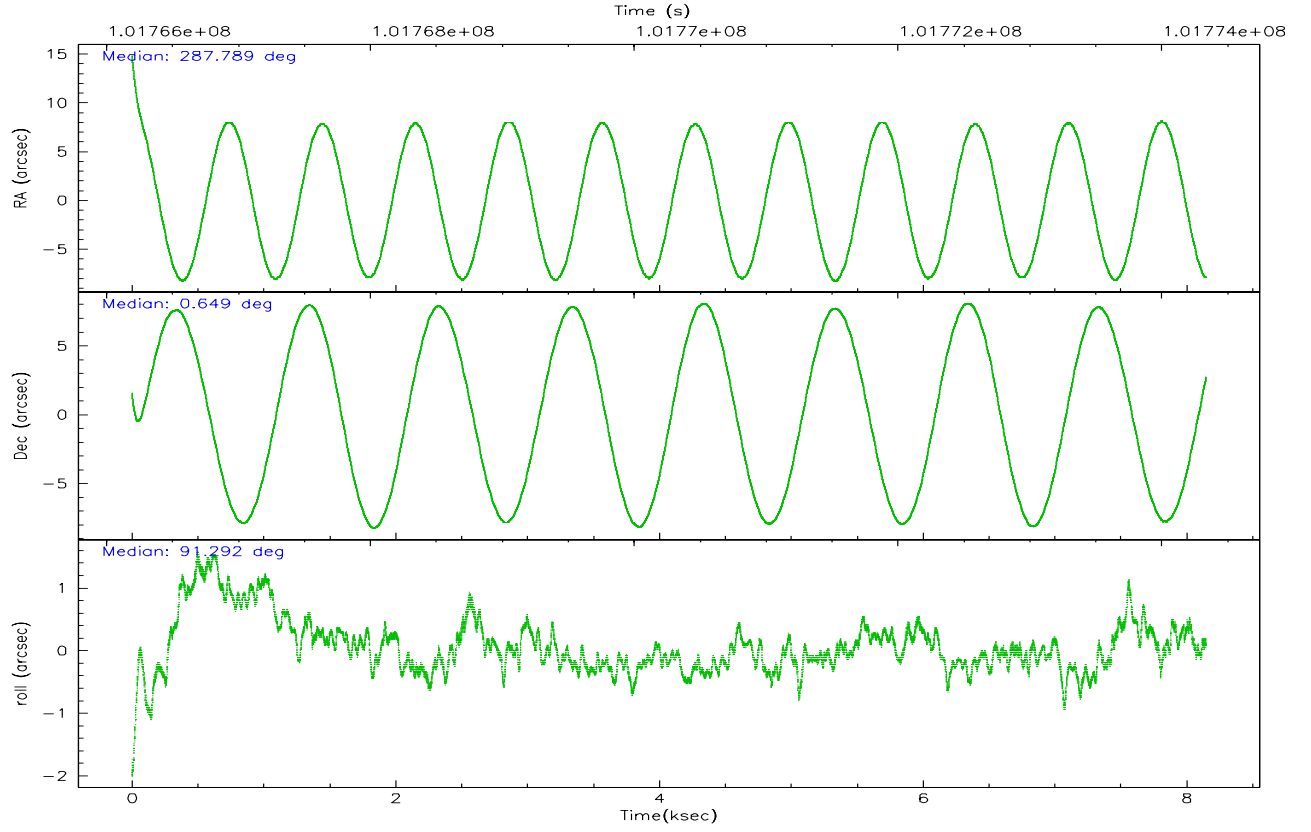
	ccd 7
grade 0 events	679
	6%
grade 1 events	6
	0%
grade 2 events	1222
	11%
grade 3 events	565
	5%
grade 4 events	493
	4%
grade 5 events	649
	6%
grade 6 events	2264
	20%
grade 7 events	4917
	45%

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	287.803519	287.7891315734702	Subarray requested	CUSTOM	1/8
Pointing Dec	0.626029	0.6492304828159545	Subarray start row	650	650
Pointing Roll	91.137052	91.29382931758124	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	0.400000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	101766339.184000	101765351.7112			
Observation start date	2001-03-23T20:24:35	2001-03-23T20:09:11			
Observation end time	101774339.184000	101775125.08658			
Observation end date	2001-03-23T22:37:55	2001-03-23T22:52:05			
Read mode	TIMED	TIMED			

2.3 Aspect



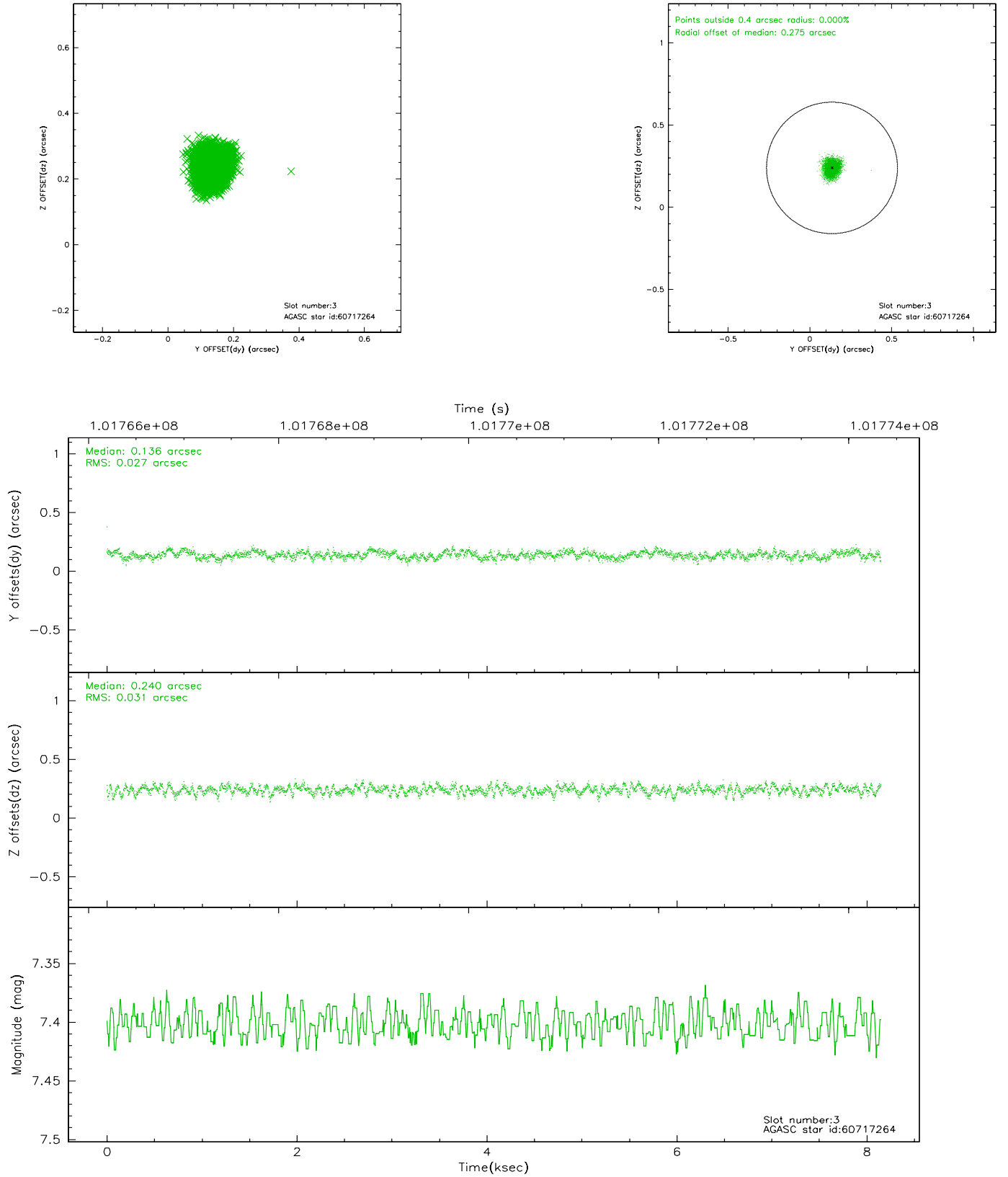


Slot Statistics

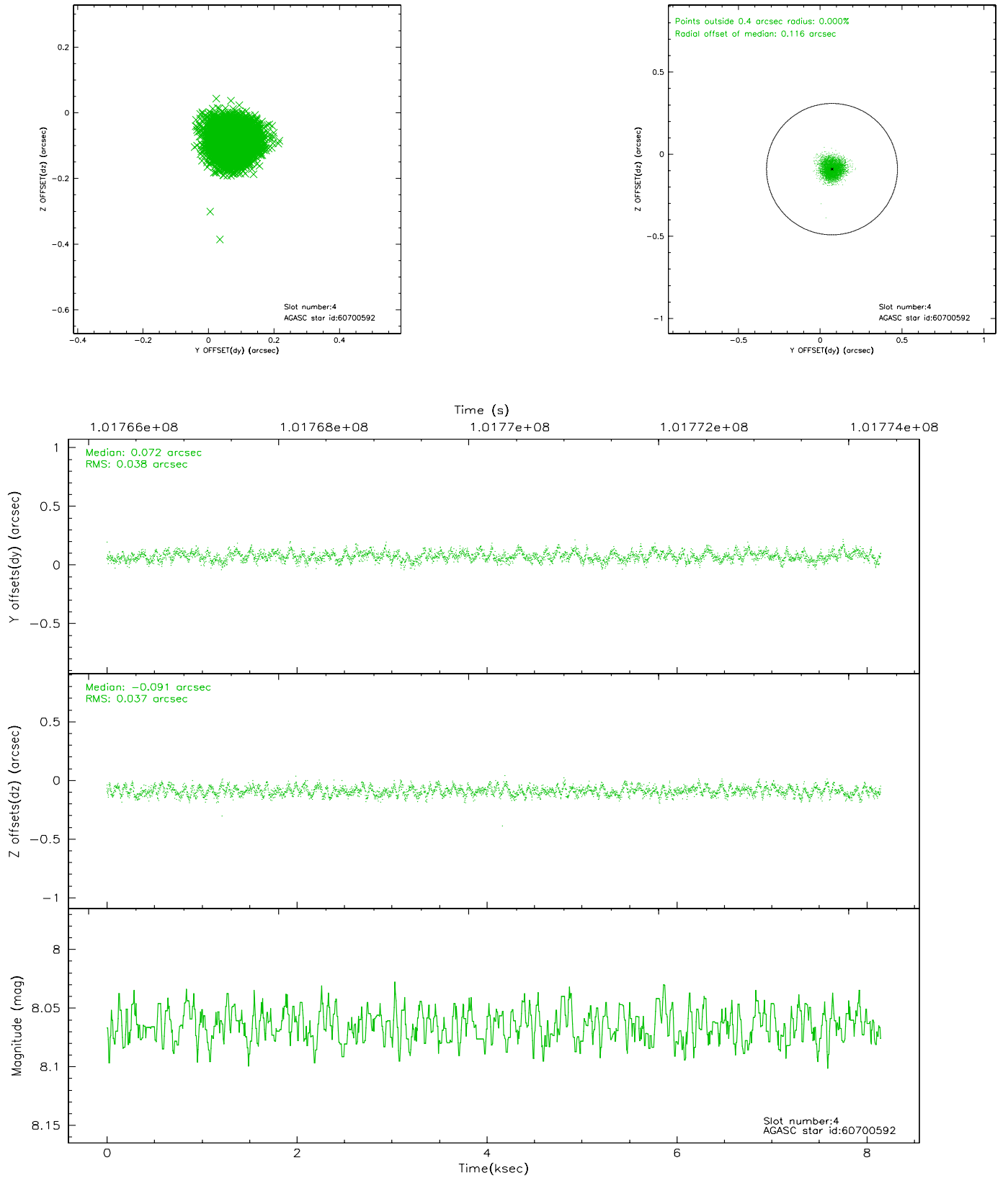
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1987	-0.009	0.031	0.007	0.012	0.000000	0.000000	-755.80	-1727.23
1	FID	ACIS-S-4	7.20	1988	-0.074	-0.004	0.006	0.011	0.000000	0.000000	2157.07	180.56
2	FID	ACIS-S-5	7.24	1988	0.052	-0.018	0.006	0.011	0.000000	0.000000	-1807.73	174.92
3	GUIDE	60717264	7.40	3975	0.136	0.240	0.045	0.071	288.494203	0.125541	-1850.27	-2450.43
4	GUIDE	60700592	8.06	3973	0.072	-0.091	0.057	0.089	287.530354	0.932002	1120.61	960.30
5	GUIDE	60699528	8.93	3976	-0.205	-0.042	0.059	0.096	287.344521	1.231468	2212.30	1608.53
6	GUIDE	60706688	8.71	3975	0.125	-0.092	0.055	0.089	287.637938	0.689635	241.64	591.43
7	GUIDE	60698176	8.86	3973	-0.128	-0.015	0.059	0.099	287.425571	1.234708	2217.82	1316.58

2.4 Star Slots

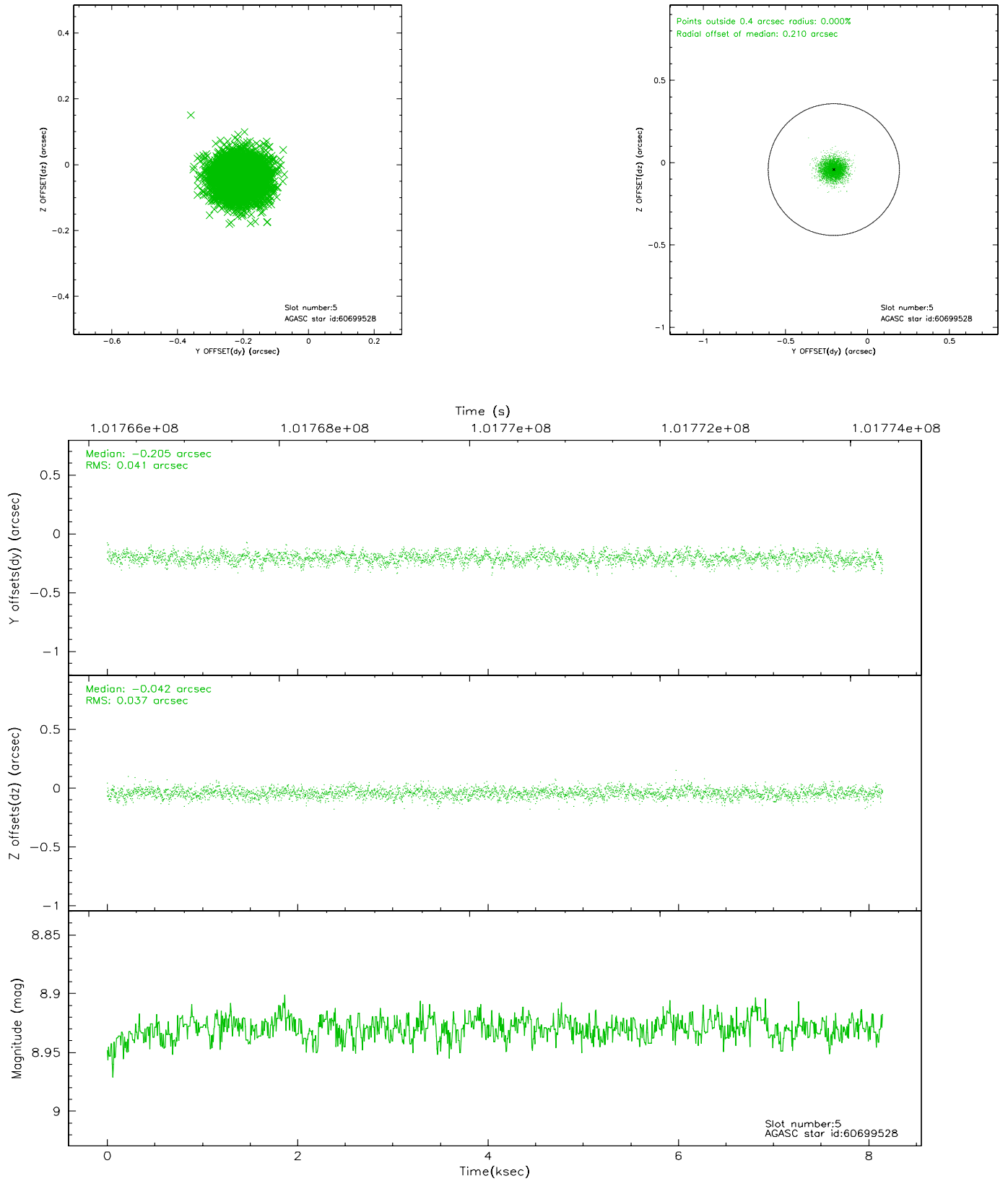
2.4.1 Slot 3



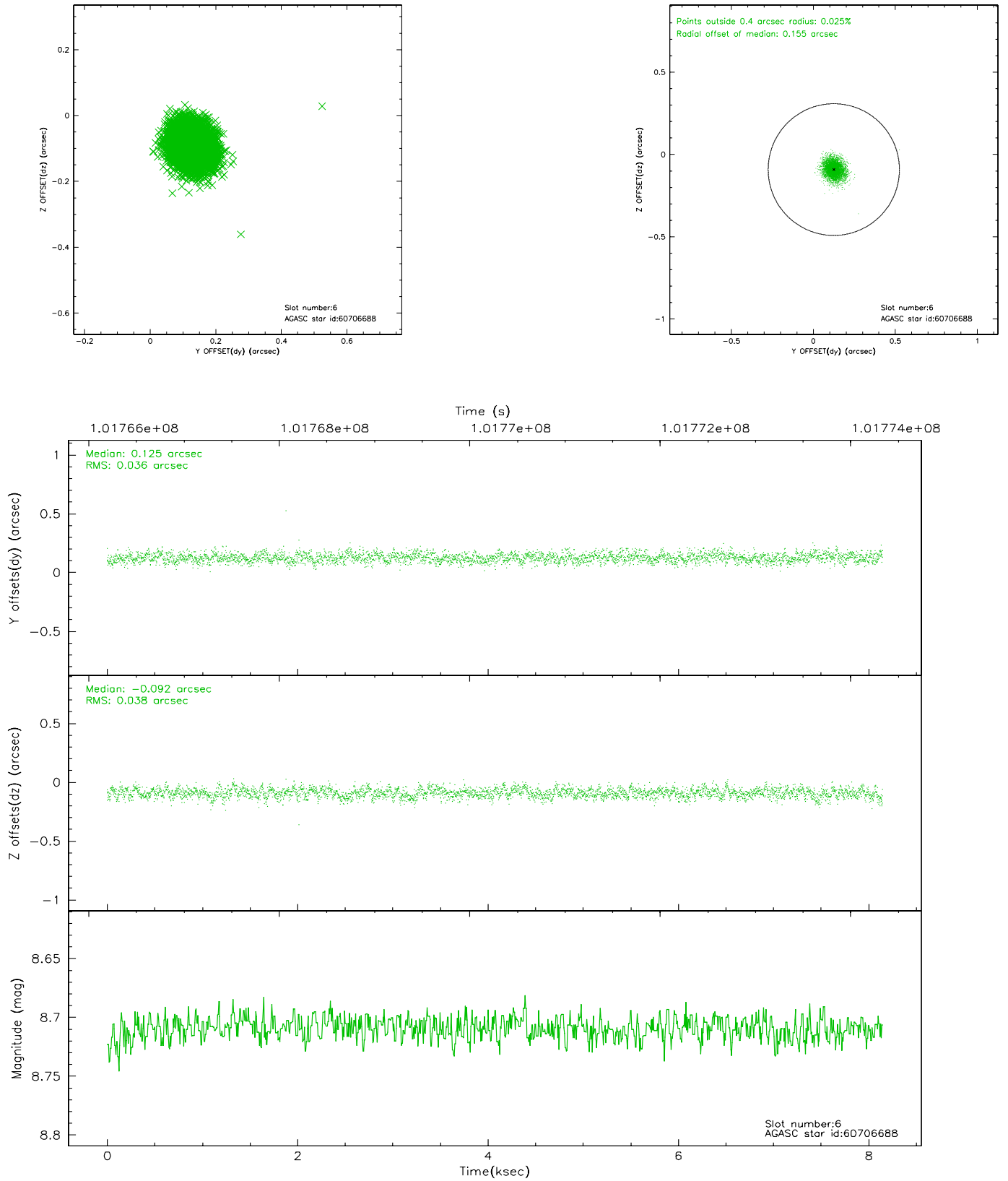
2.4.2 Slot 4



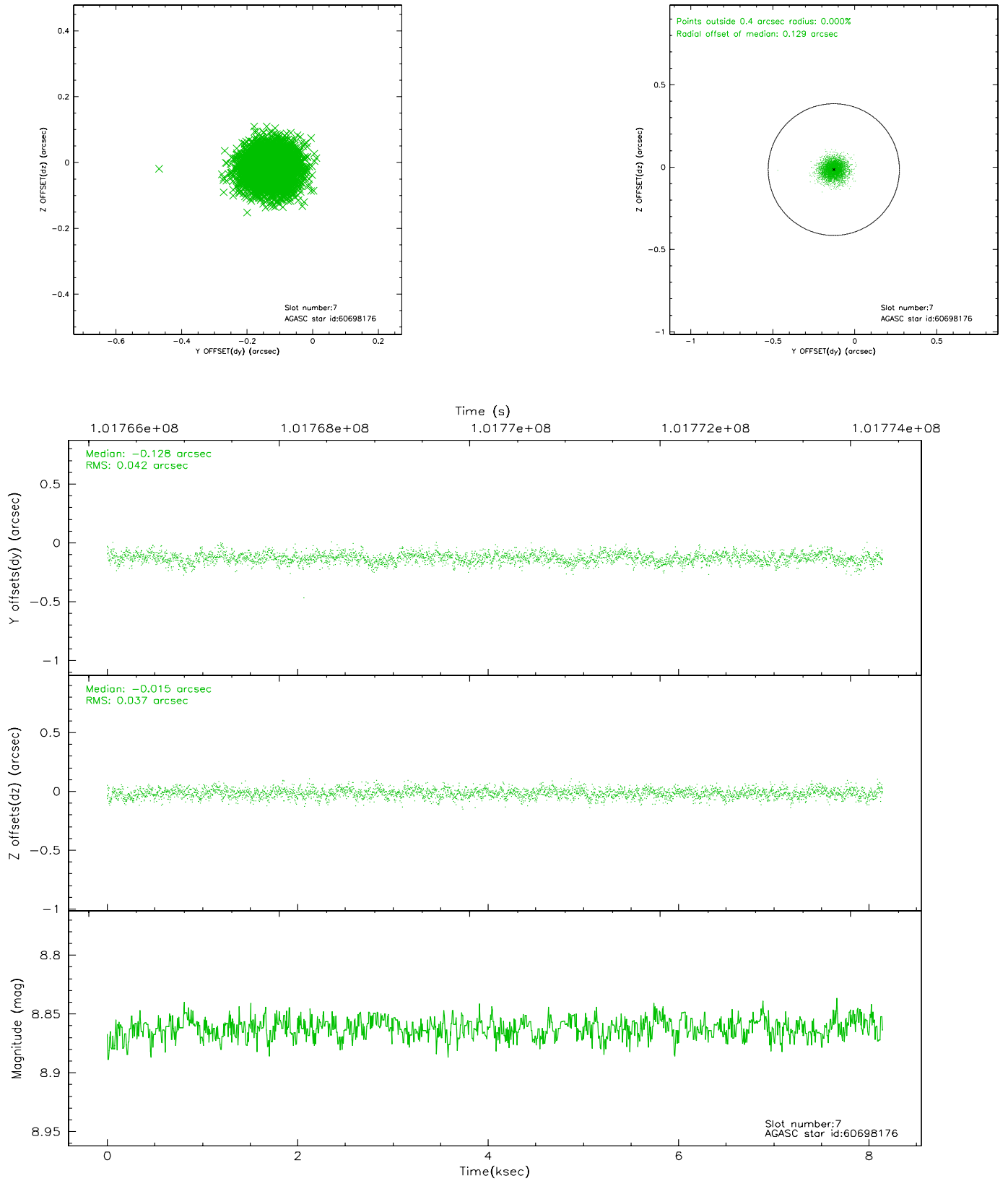
2.4.3 Slot 5



2.4.4 Slot 6

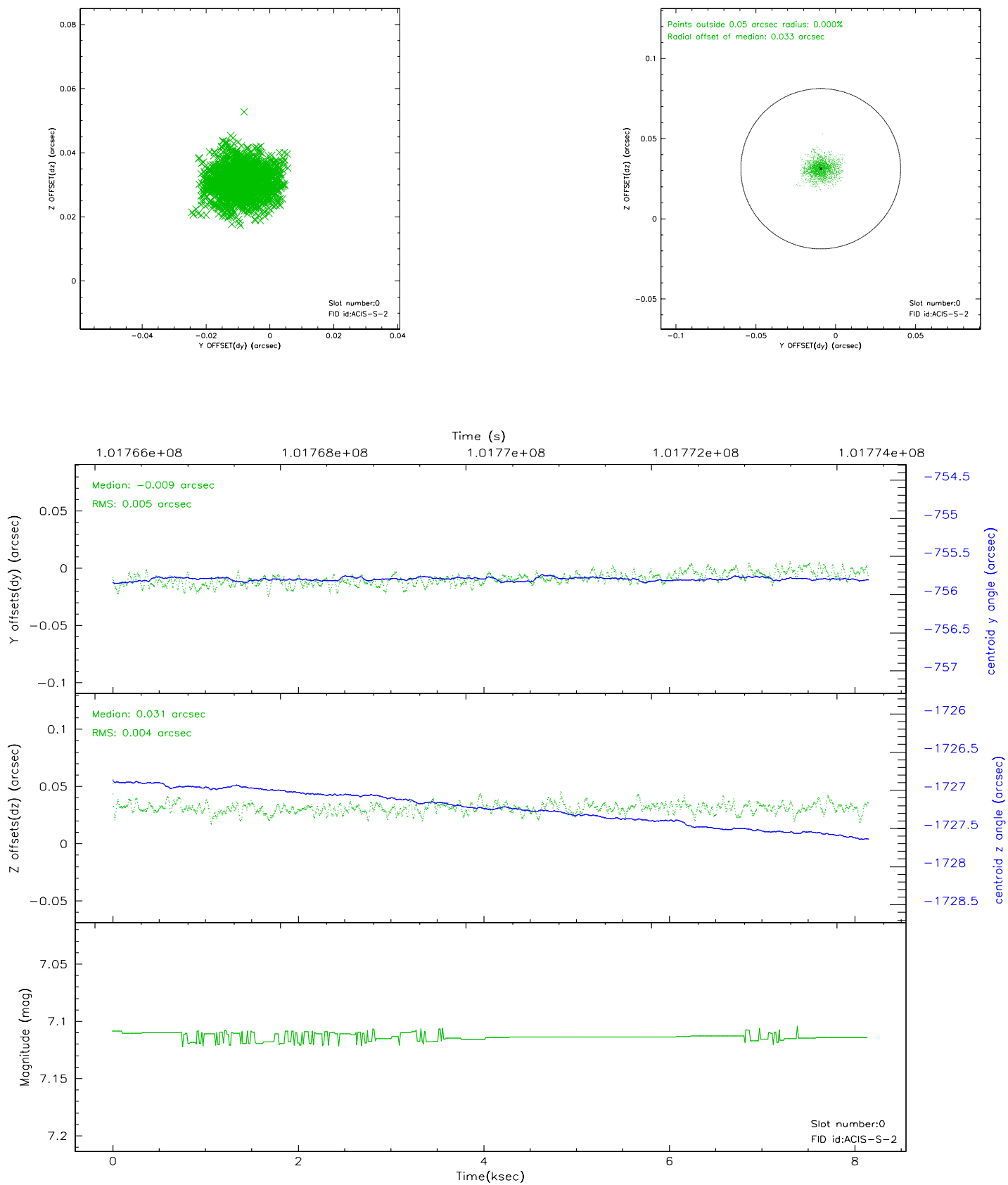


2.4.5 Slot 7

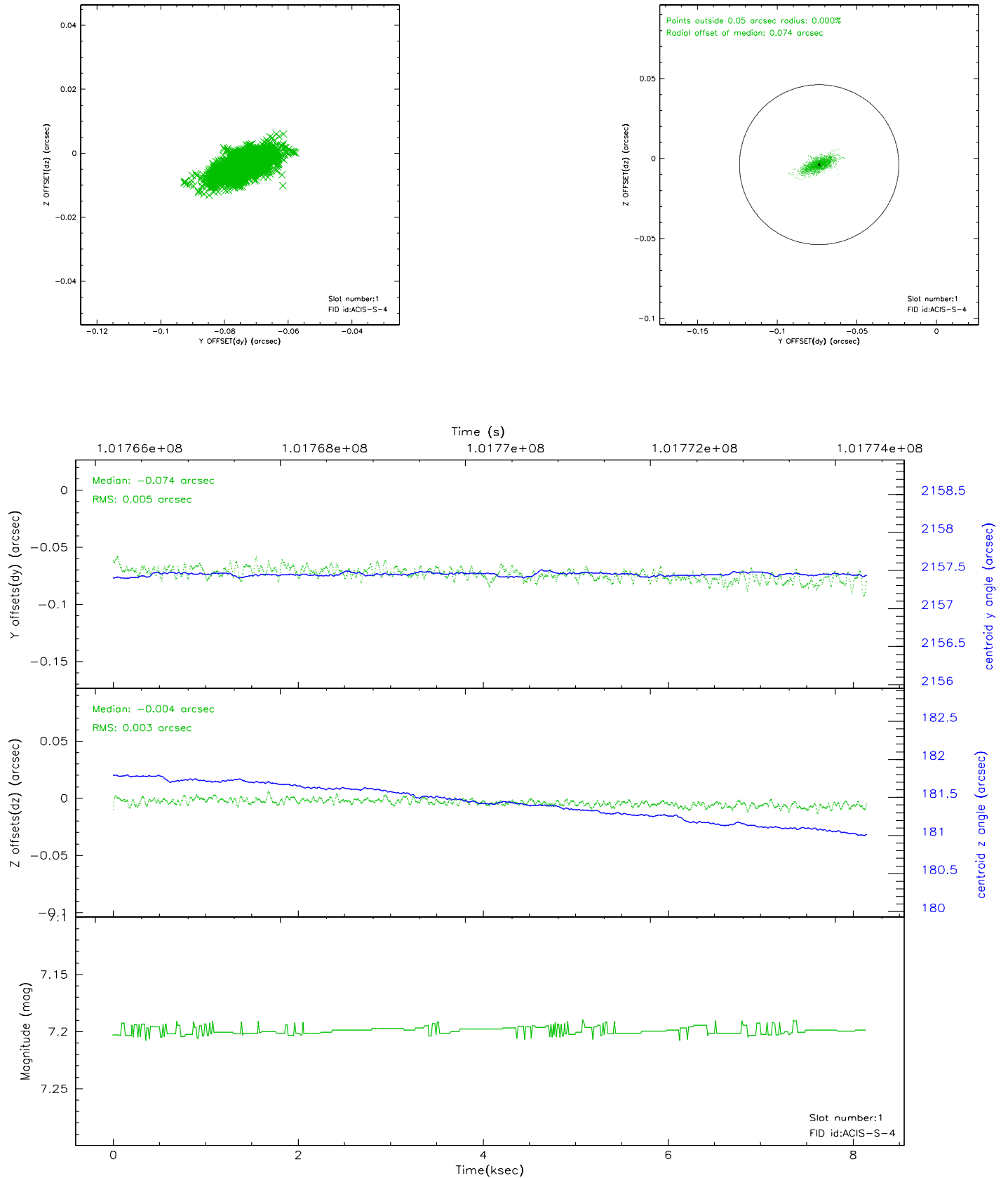


2.5 FID Slots

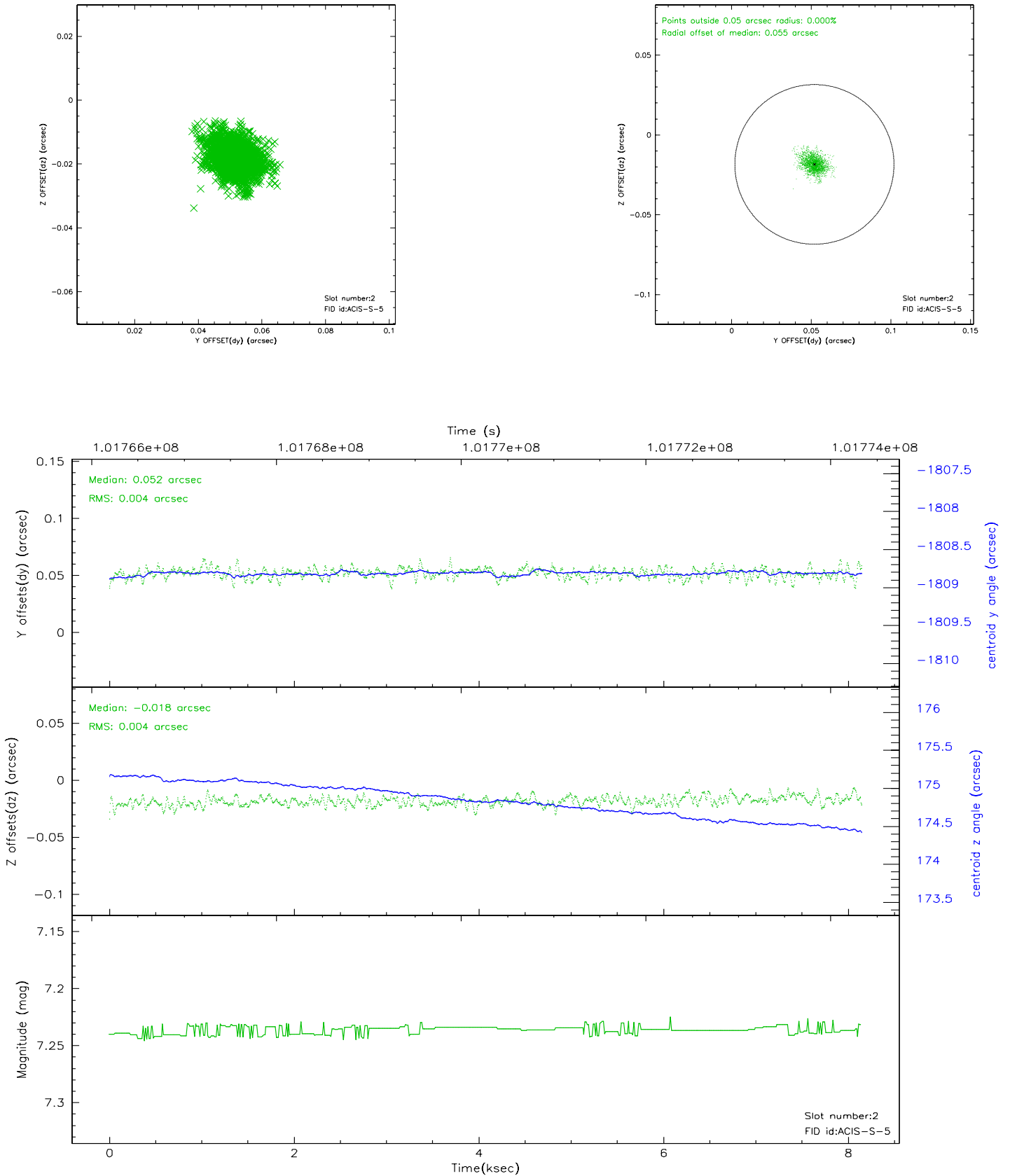
2.5.1 Slot 0



2.5.2 Slot 1

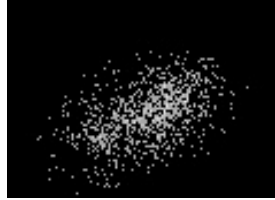


2.5.3 Slot 2



3 Point Sources

4.19 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.15

A.2 Comments

Monitor constraint met.