

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2148 - L2 Version 001
Chandra X-Ray Center

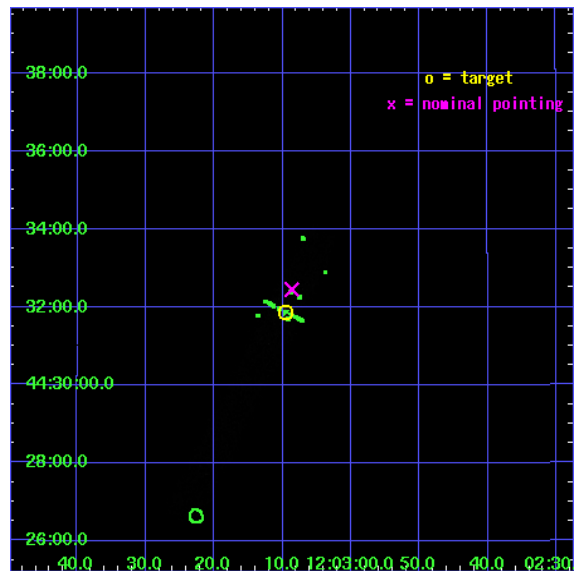
L2 Processing Date : Nov 6 2006

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1 Front

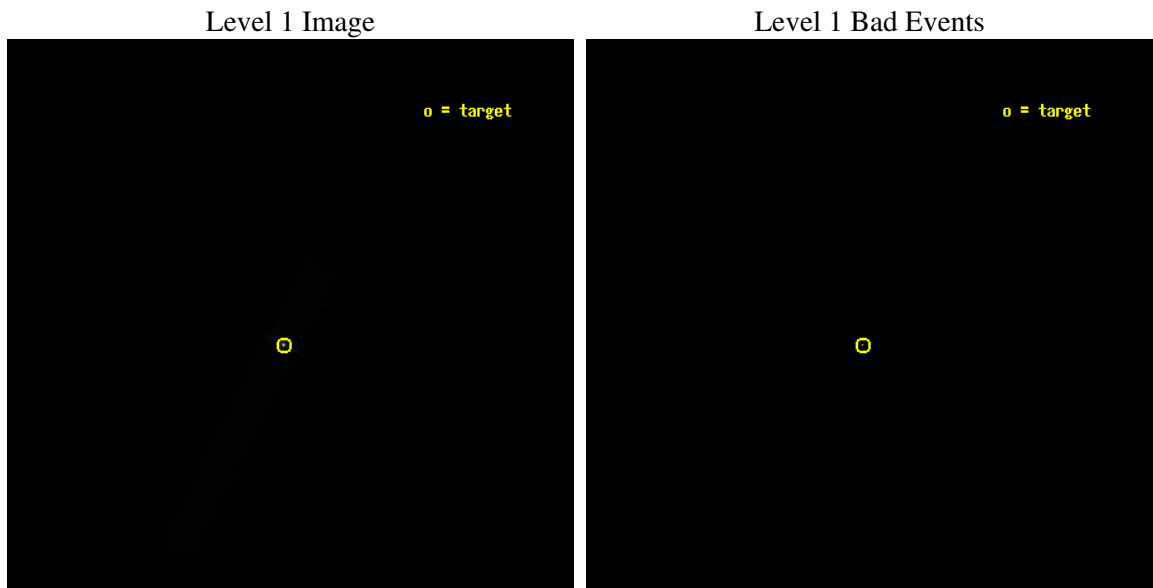
seq_num	700338
obs_id	2148
title	AN IMAGING OBSERVATION OF NGC 4051 IN THE LOW STATE
observer	Dr Phil Uttley
object	NGC 4051
dtcycle	0
cycle	P
ra_targ	180.79
dec_targ	44.531389
ra_nom	180.78604602163
dec_nom	44.540778158566
roll_nom	117.06127742802
revision	2
ontime	50525.60075289
livetime	45824.052922991
ontime7	50525.60075289
l2events	87202



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	2006-11-06T15:07:03
revision	2

sched_exp_time	50350.000000
ontime	51605.455147997
ontime7	51605.455147997
l1events	133726

2.1.4 Events

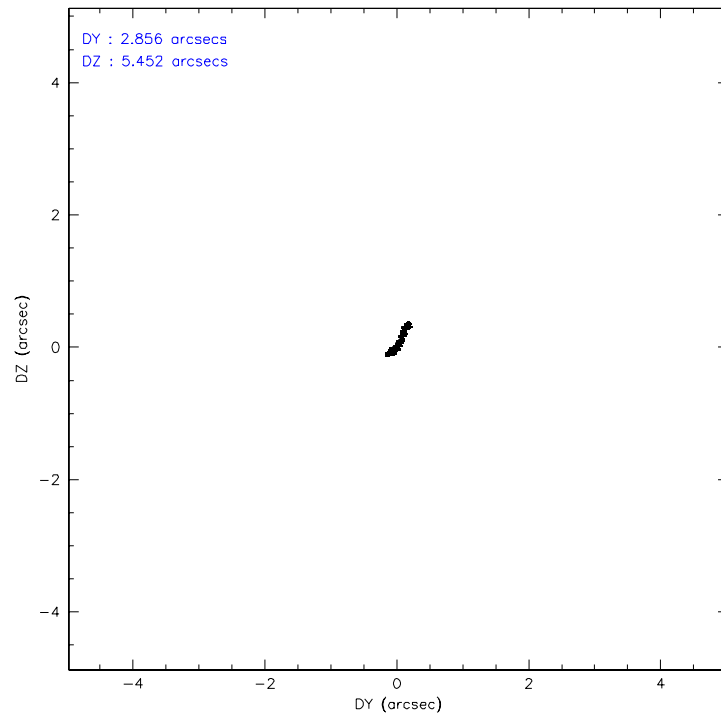
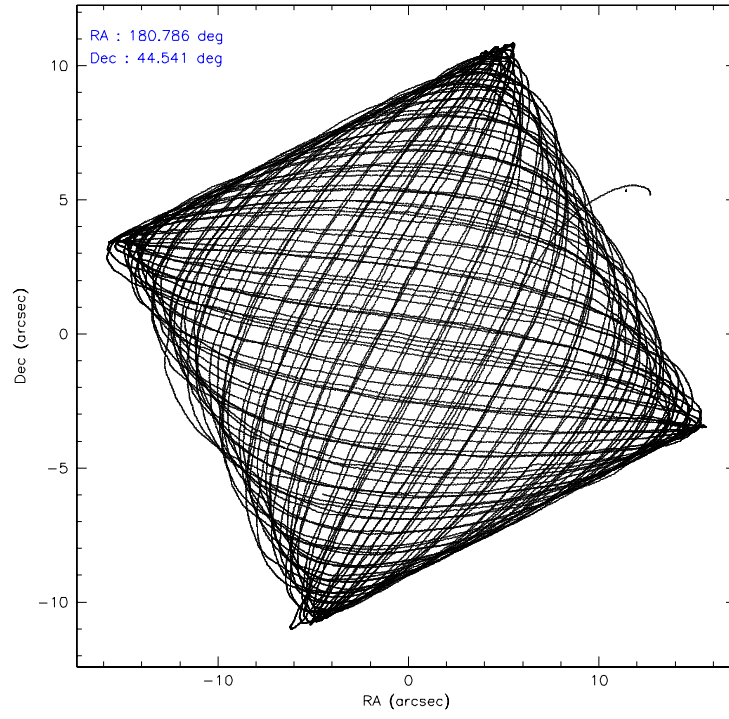
	ccd 7
level 1 events	133726
rejected events	45409
rejected %	33%

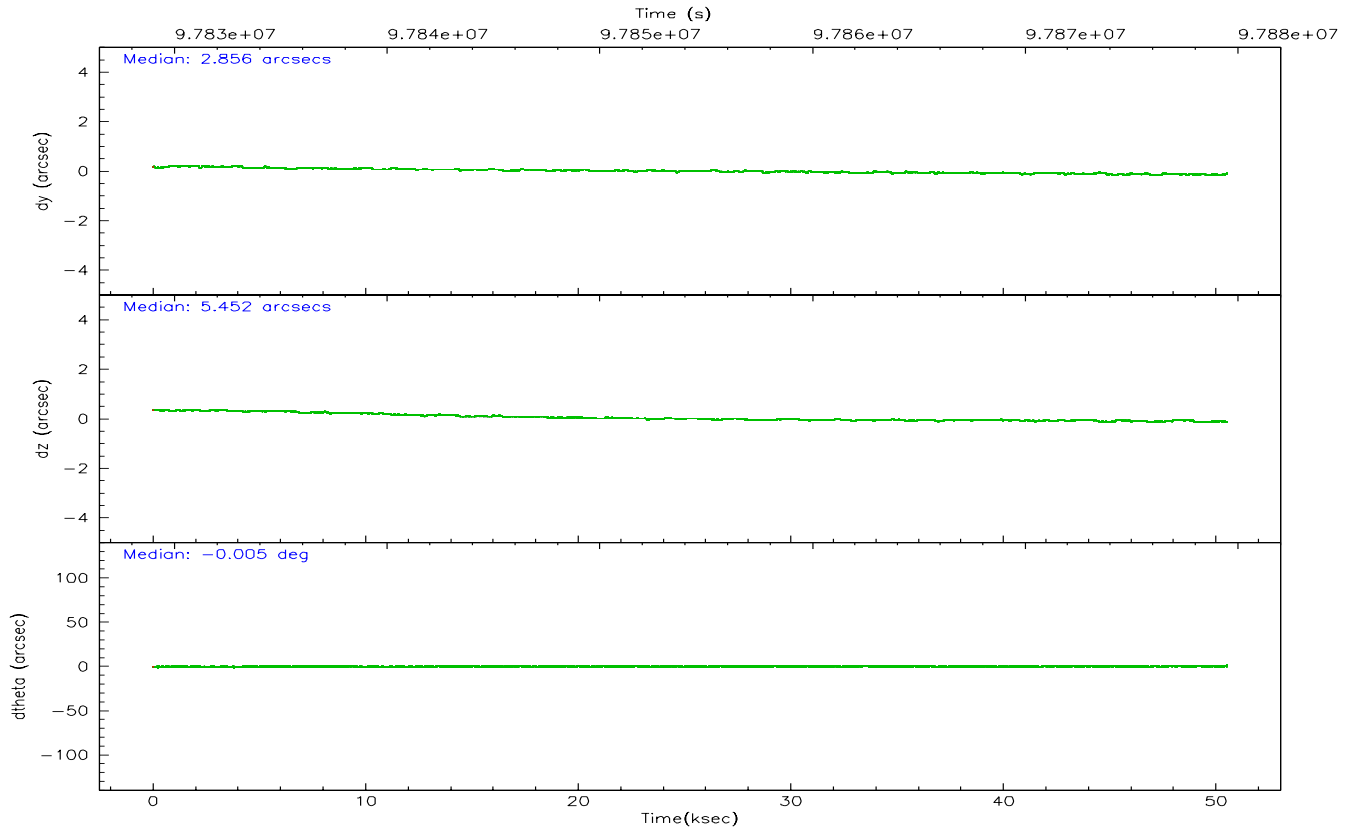
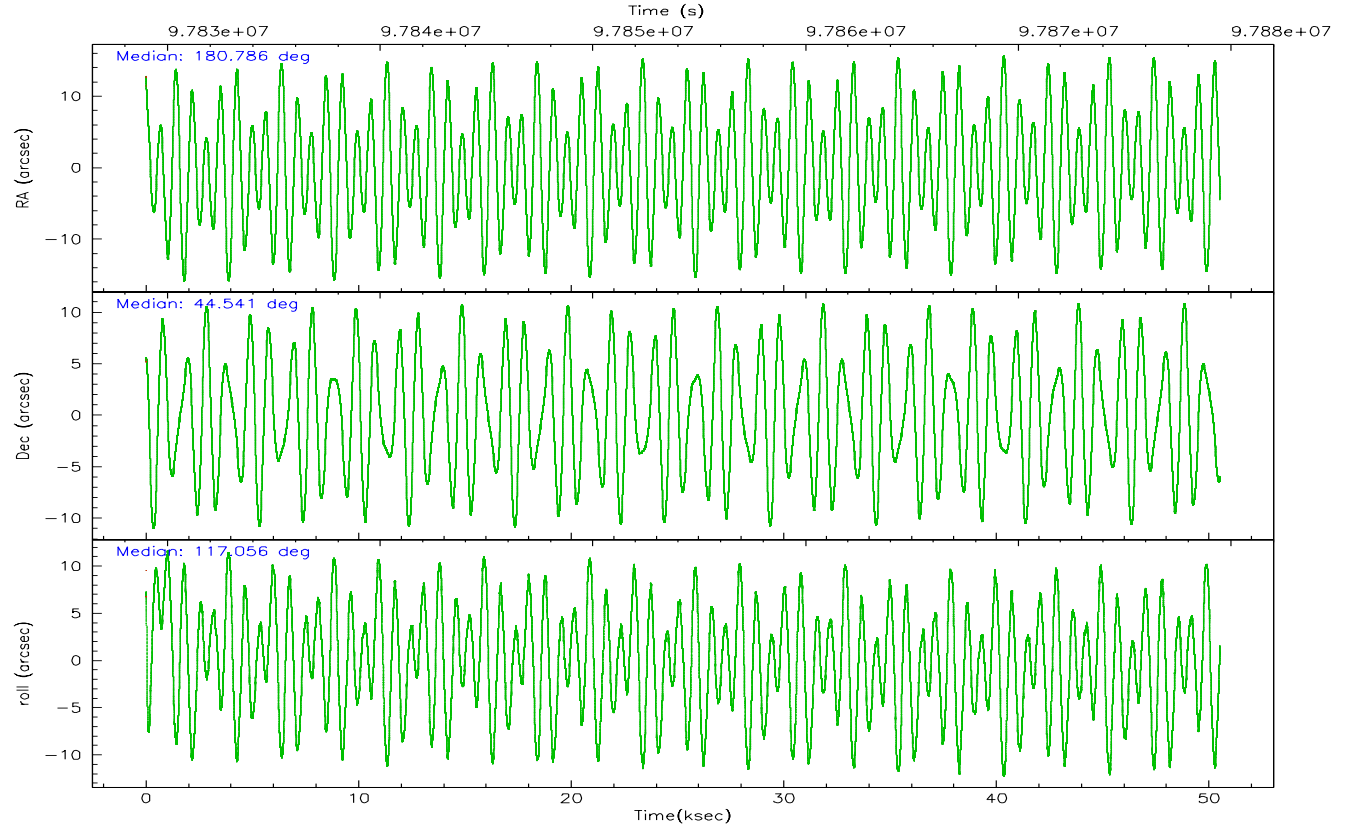
	ccd 7
grade 0 events	26368
	19%
grade 1 events	1220
	0%
grade 2 events	21566
	16%
grade 3 events	9841
	7%
grade 4 events	9437
	7%
grade 5 events	7931
	5%
grade 6 events	27247
	20%
grade 7 events	30116
	22%

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	180.818373	180.7860460216345	Subarray requested	1/8	1/8
Pointing Dec	44.526133	44.54077815856639	Subarray start row	0	449
Pointing Roll	116.881967	117.0612774280241	Subarray row count	1024	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	97829154.184000	97827899.134185			
Observation start date	2001-02-06T06:44:50	2001-02-06T06:24:59			
Observation end time	97879504.184000	97880158.248698			
Observation end date	2001-02-06T20:44:00	2001-02-06T20:55:58			
Read mode	TIMED	TIMED			

2.3 Aspect



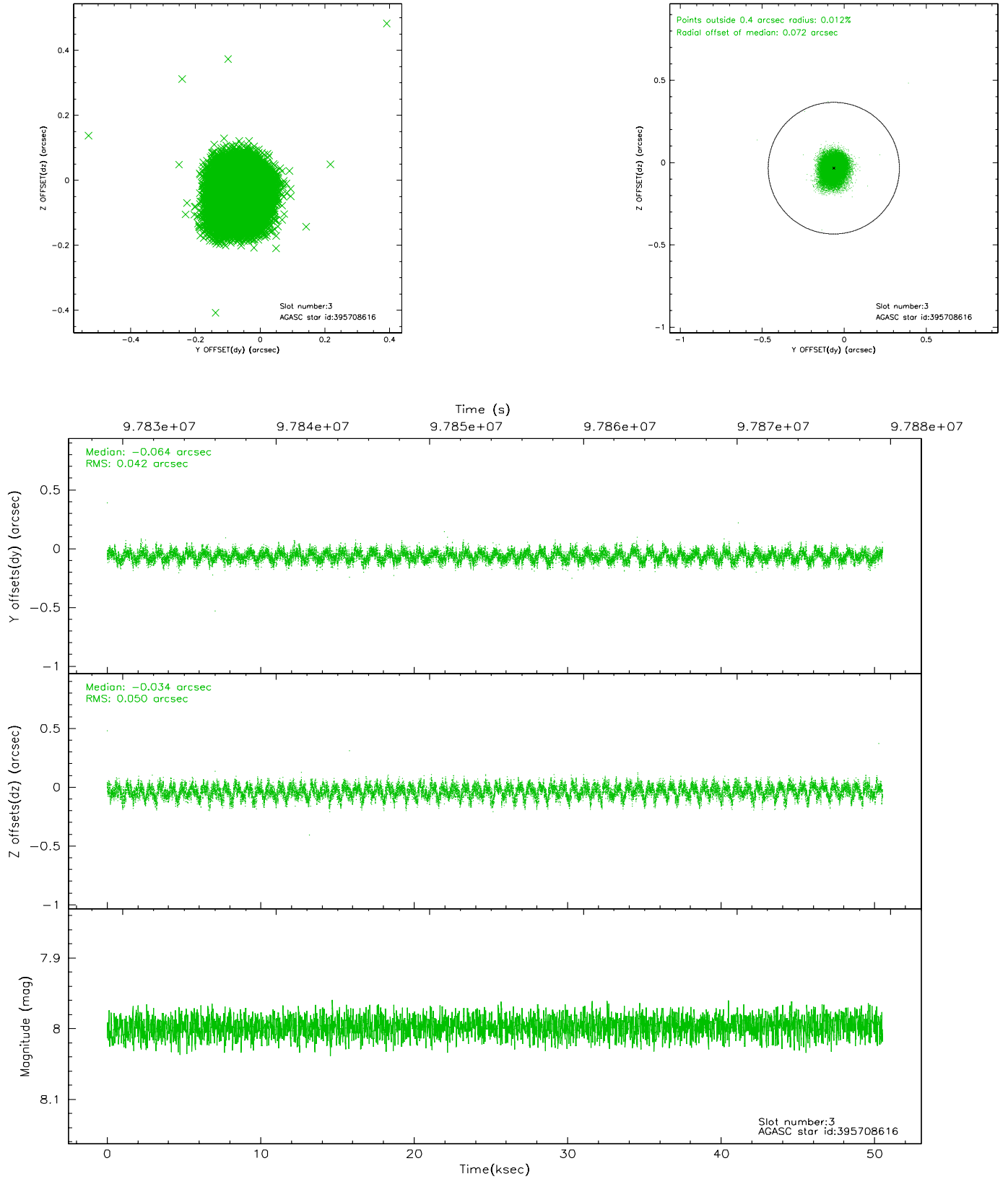


Slot Statistics

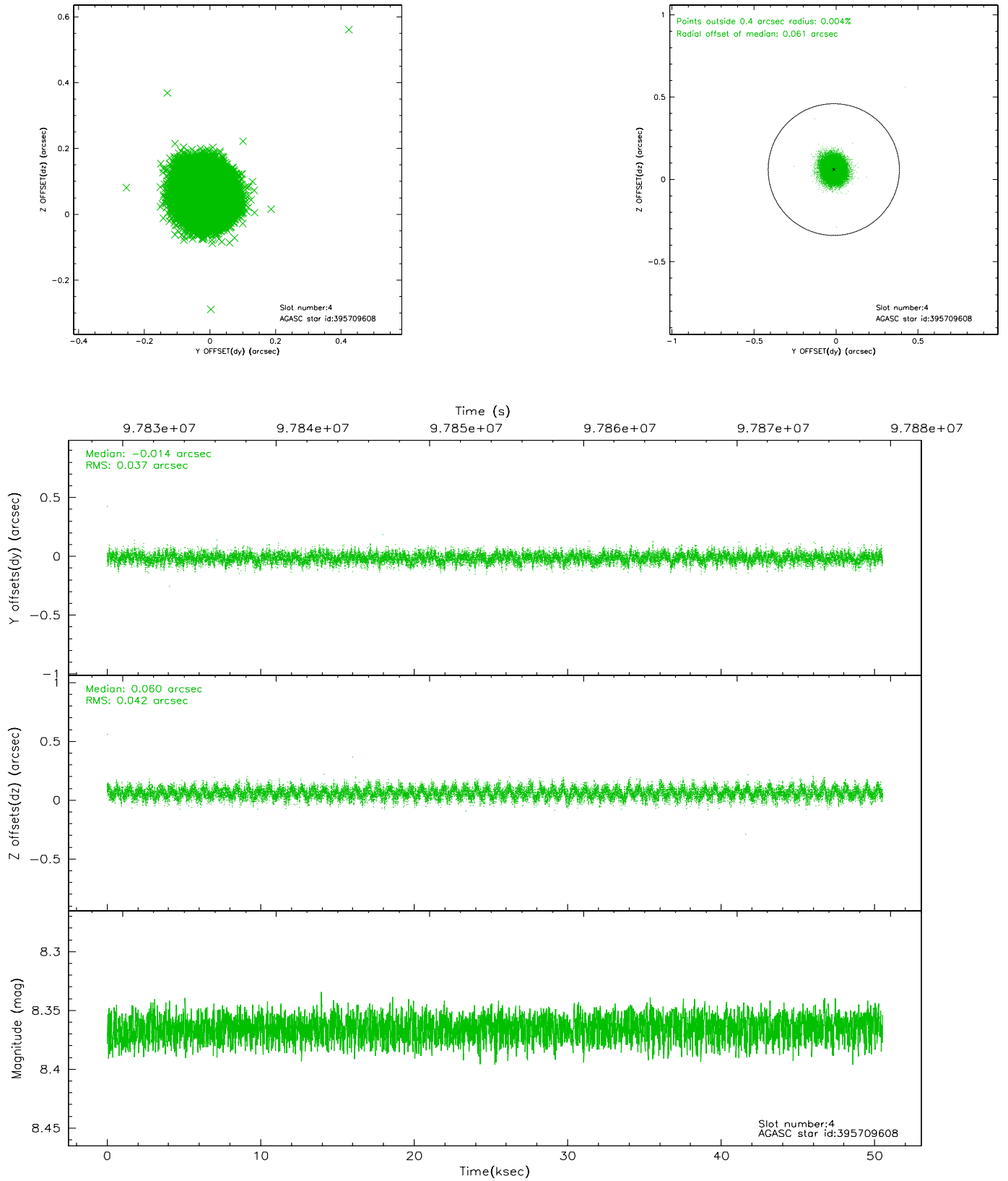
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	12323	-0.016	0.032	0.007	0.011	0.000000	0.000000	-755.48	-1726.62
1	FID	ACIS-S-4	7.20	12323	-0.078	-0.001	0.006	0.011	0.000000	0.000000	2157.70	181.92
2	FID	ACIS-S-5	7.24	12323	0.063	-0.022	0.006	0.011	0.000000	0.000000	-1808.31	175.46
3	GUIDE	395708616	8.00	24645	-0.064	-0.034	0.069	0.112	180.101872	44.630343	1171.92	1463.16
4	GUIDE	395709608	8.37	24646	-0.014	0.060	0.060	0.096	181.055130	44.450389	-517.15	-420.63
5	GUIDE	395710032	8.79	24576	0.019	-0.006	0.112	0.164	181.512910	44.376001	-1282.94	-1354.11
6	GUIDE	395708696	8.87	24641	0.048	-0.035	0.070	0.115	180.383726	44.624291	821.61	831.28
7	GUIDE	395707376	9.35	24633	0.017	0.019	0.074	0.123	180.967983	44.858789	896.26	-882.91

2.4 Star Slots

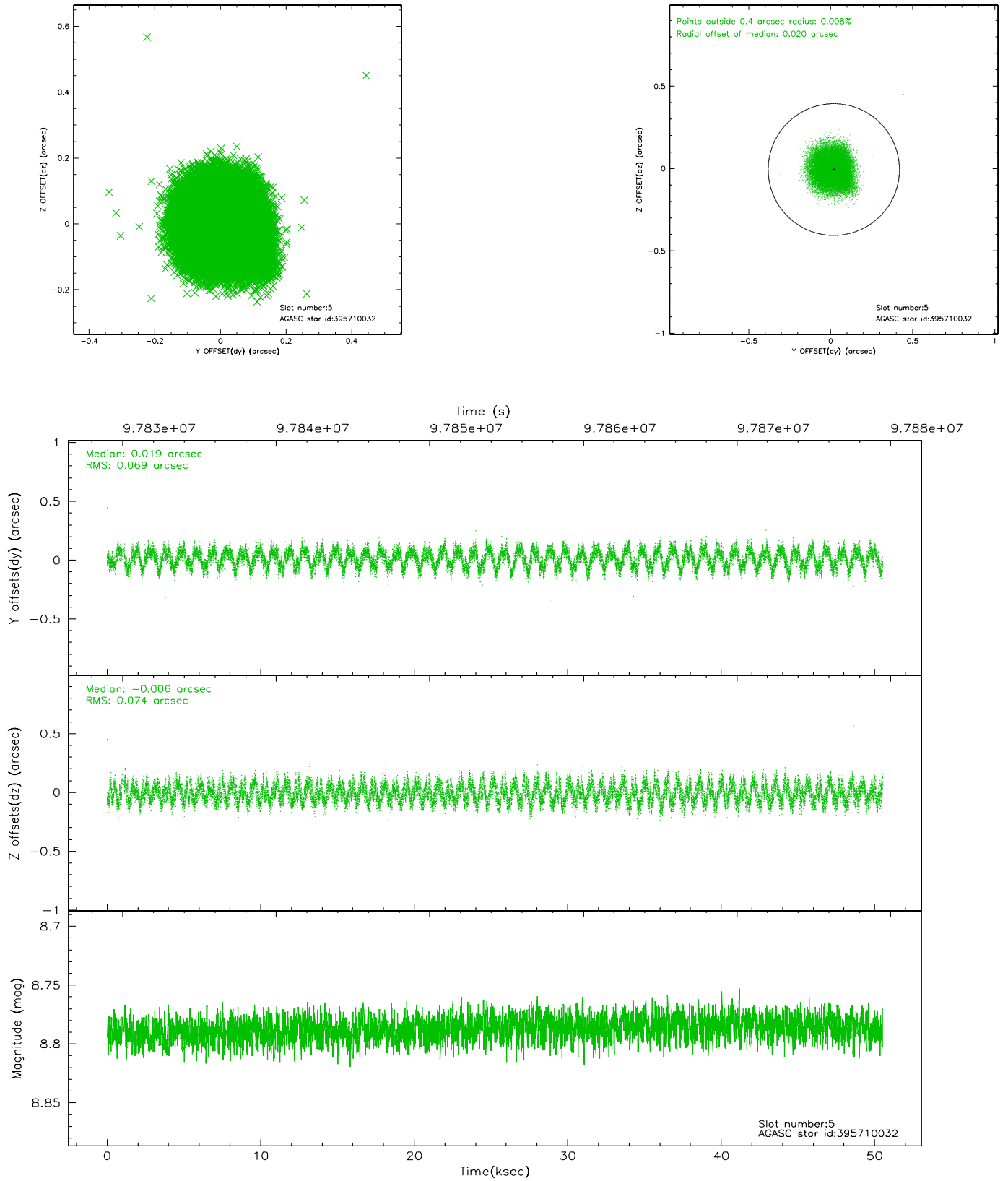
2.4.1 Slot 3



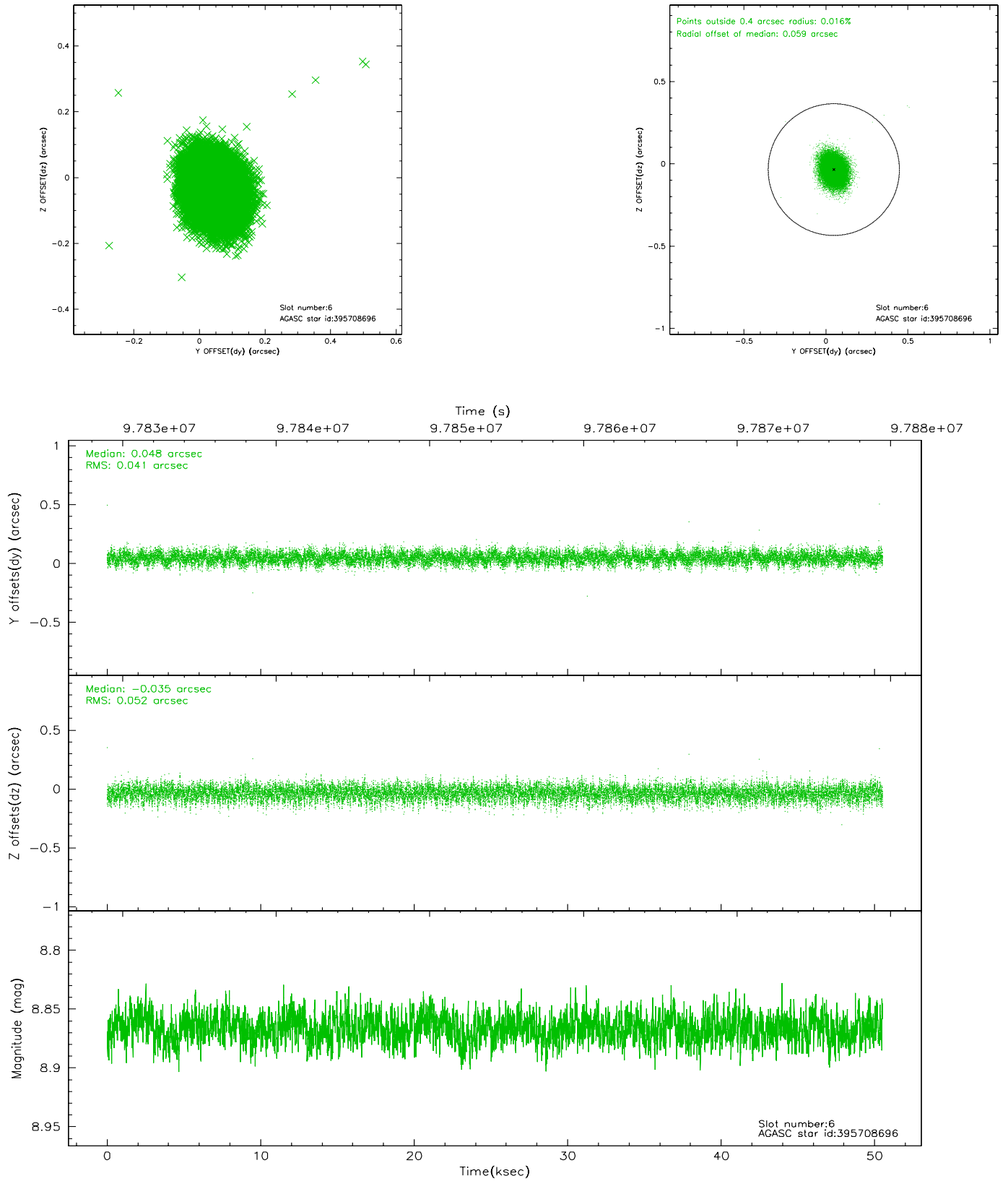
2.4.2 Slot 4



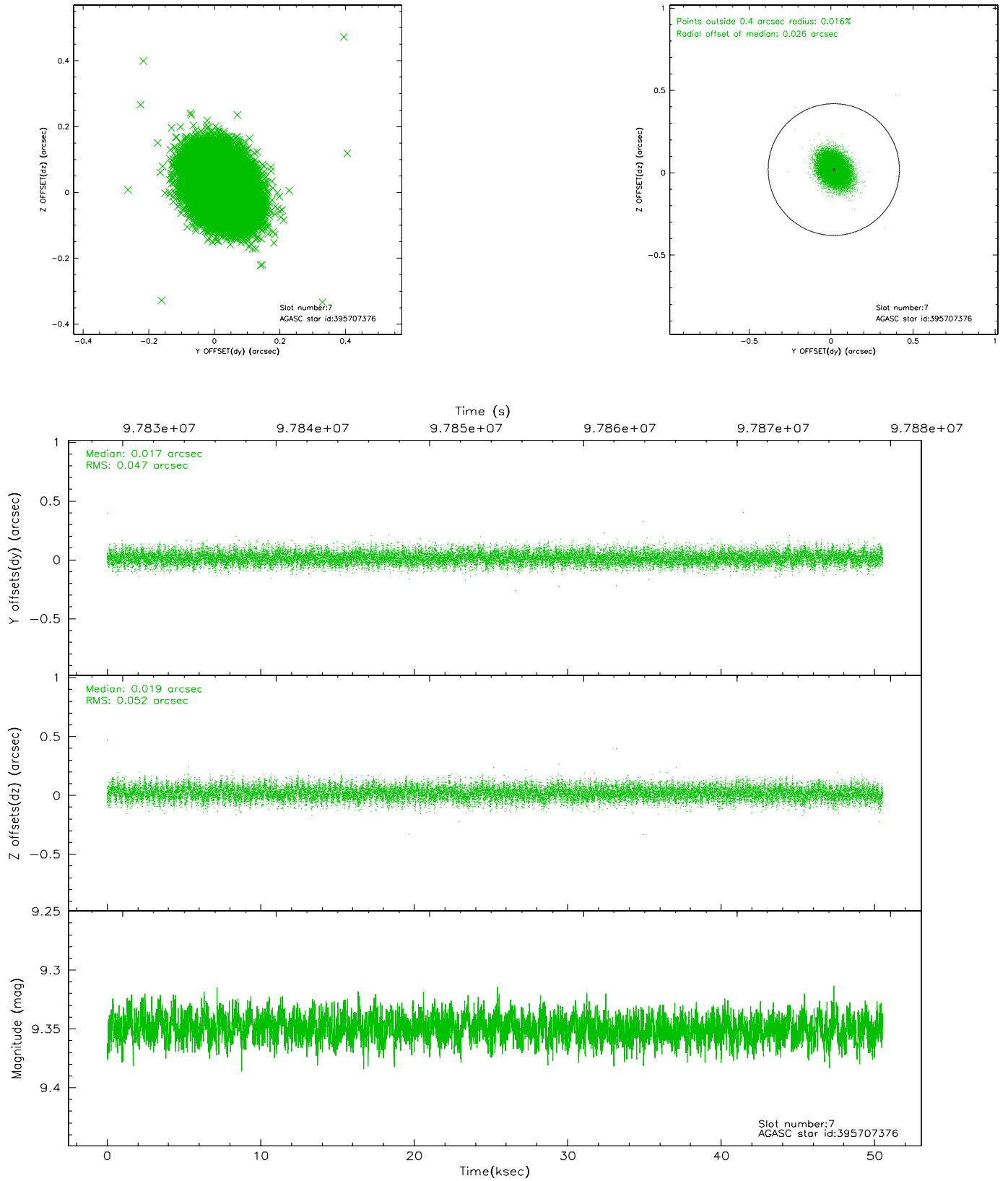
2.4.3 Slot 5



2.4.4 Slot 6

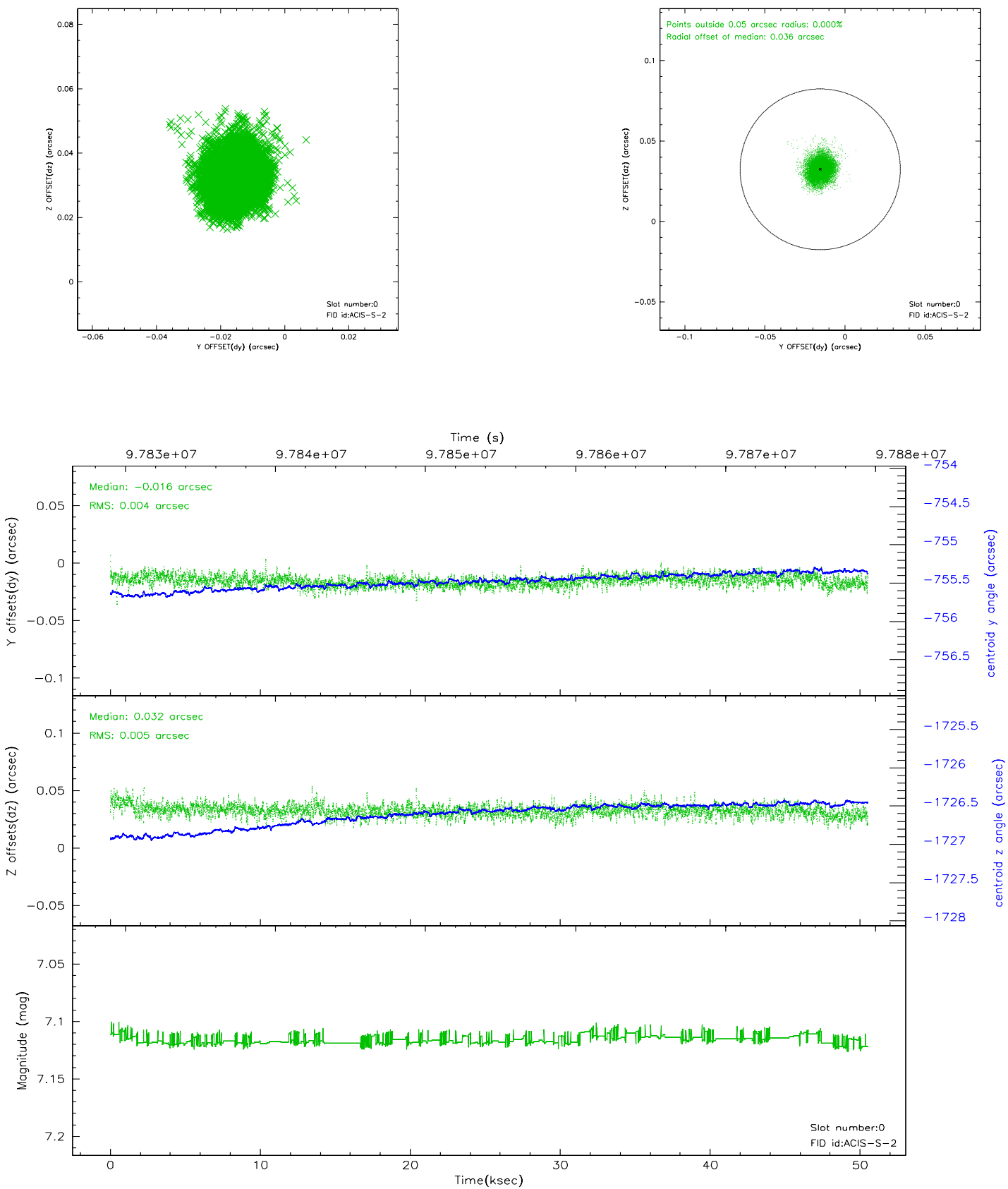


2.4.5 Slot 7

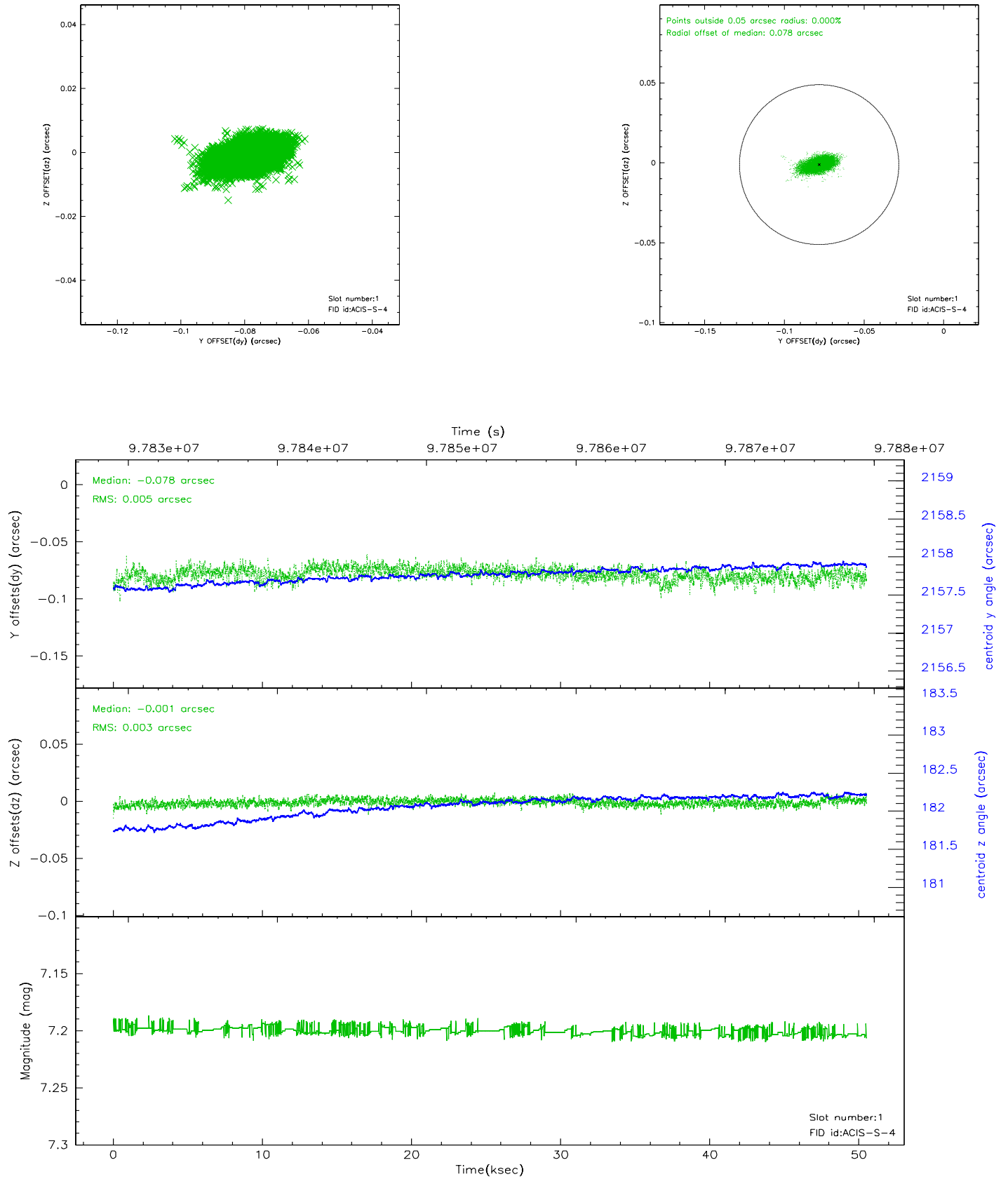


2.5 FID Slots

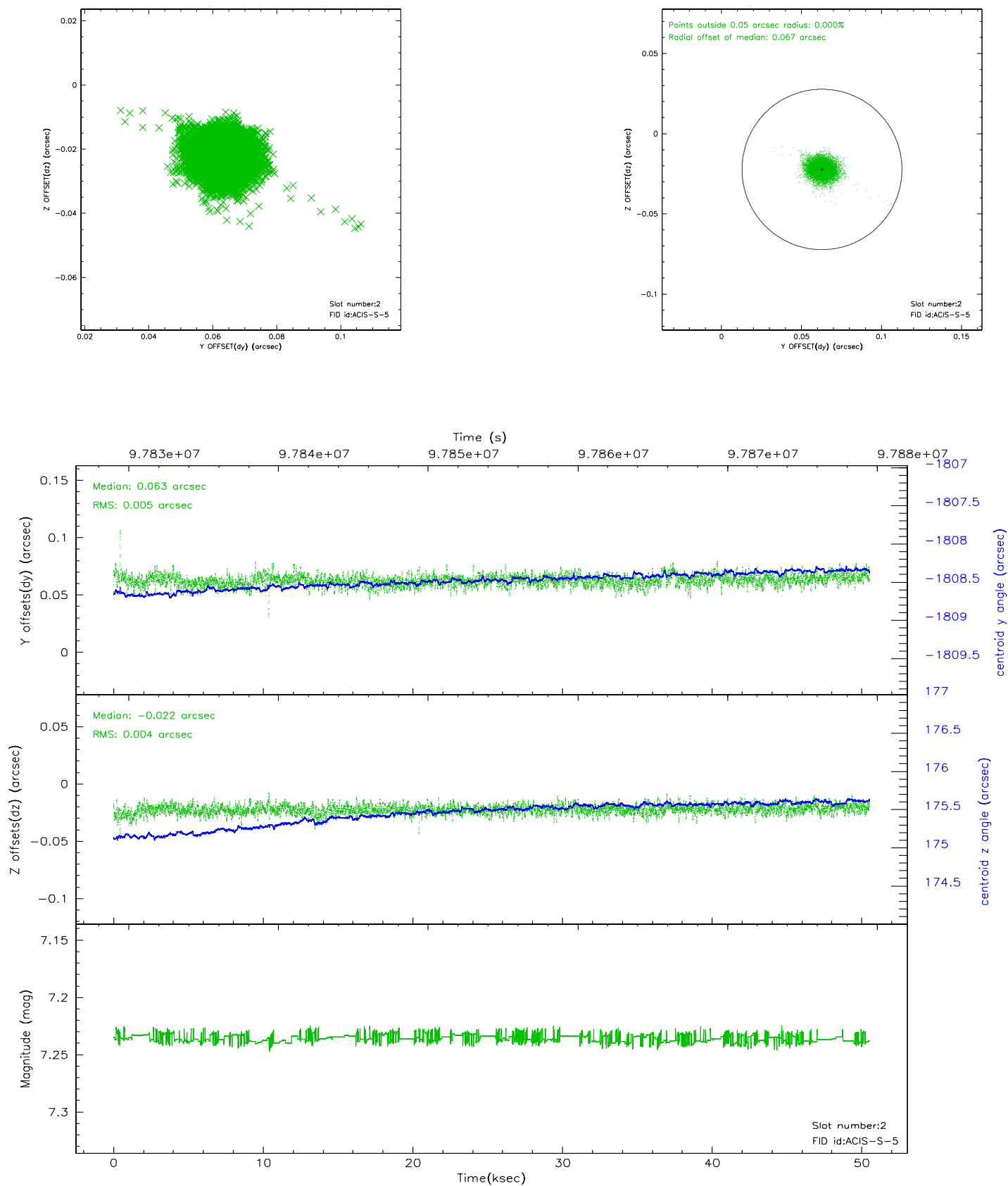
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

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	50.525

A.2 Comments