

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2141 - L2 Version 001
Chandra X-Ray Center

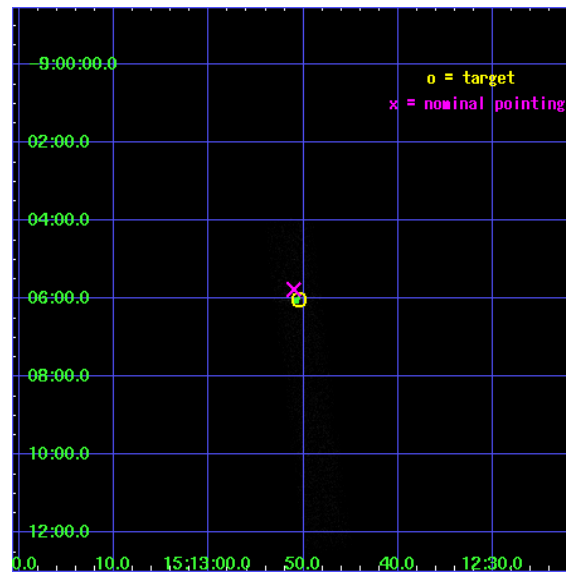
L2 Processing Date : Nov 15 2006

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1 Front

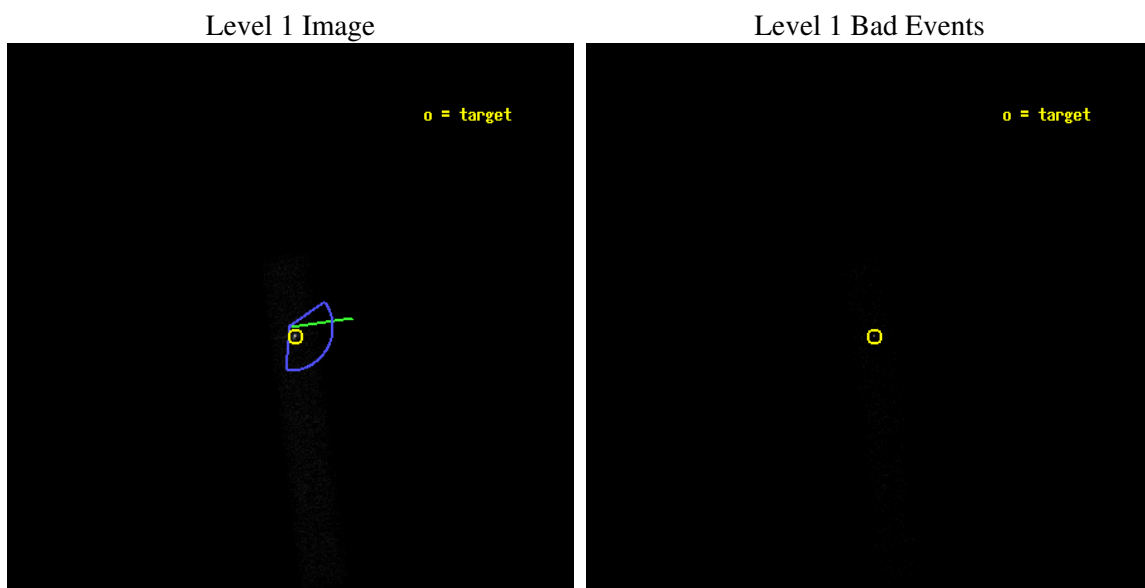
seq_num	700331
obs_id	2141
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr. Rita Sambruna
object	1510-089
dtcycle	0
cycle	P
ra_targ	228.210417
dec_targ	-9.1
ra_nom	228.21263632555
dec_nom	-9.0960500947467
roll_nom	82.892277284025
revision	2
ontime	10189.600151837
livetime	9241.4294865199
ontime7	10189.600151837
l2events	11502



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	2006-11-15T21:06:26
revision	2

sched_exp_time	10000.000000
ontime	11058.498667926
ontime7	11058.498667926
l1events	20012

2.1.4 Events

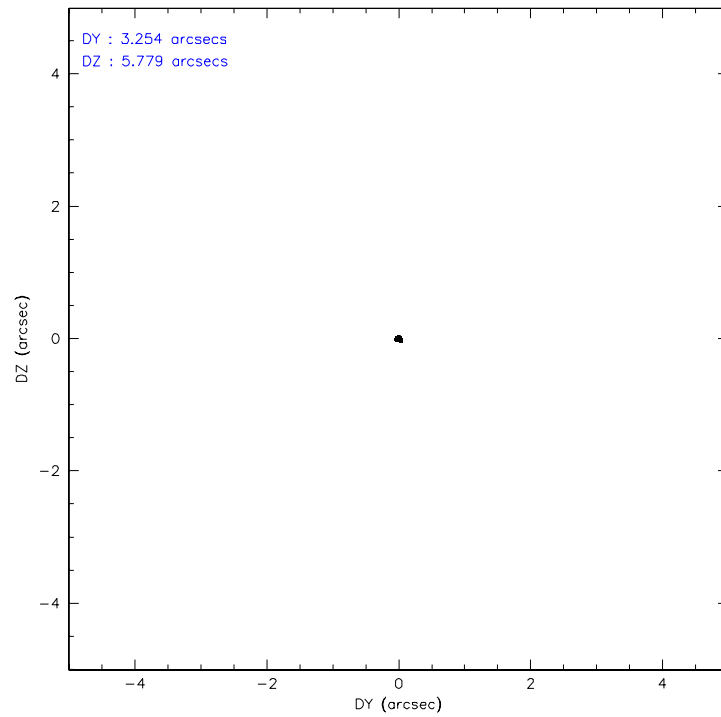
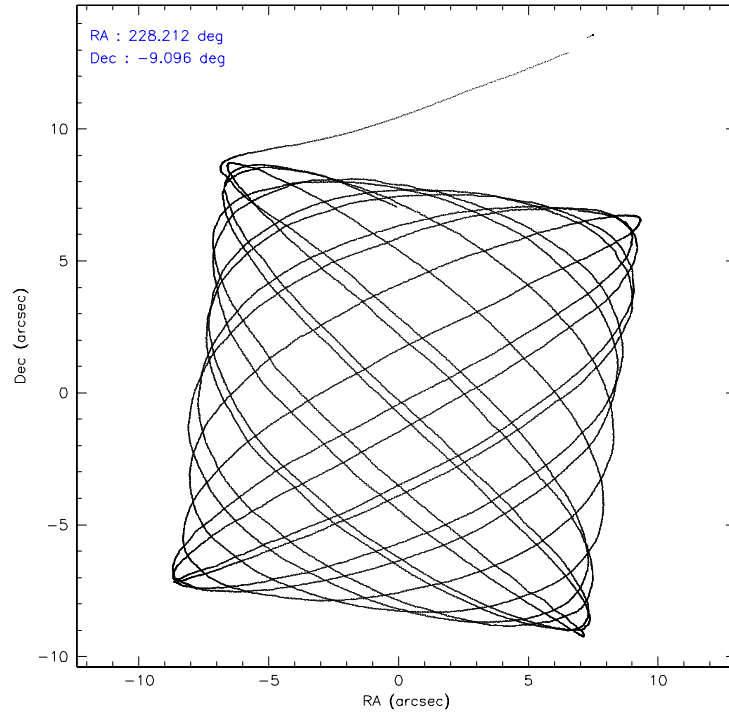
	ccd 7
level 1 events	20012
rejected events	7747
rejected %	38%

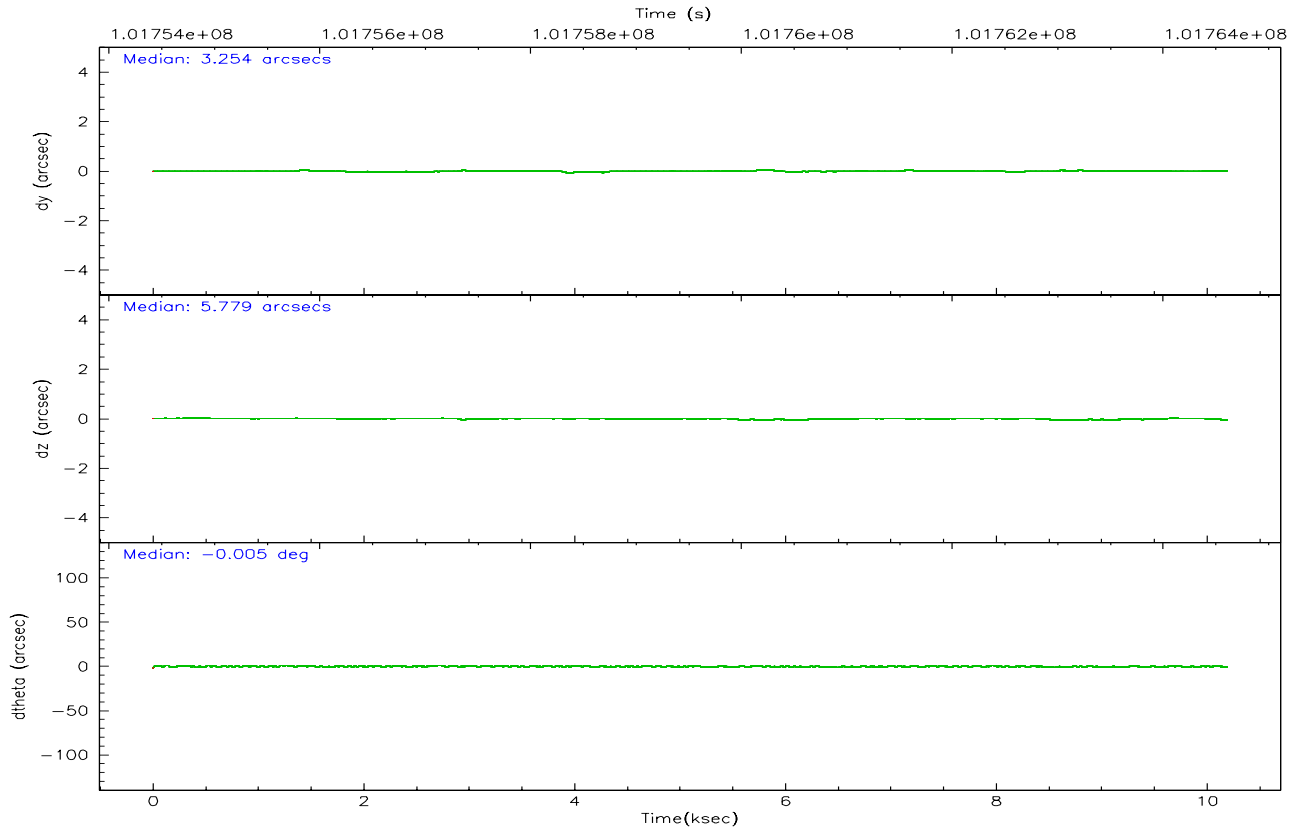
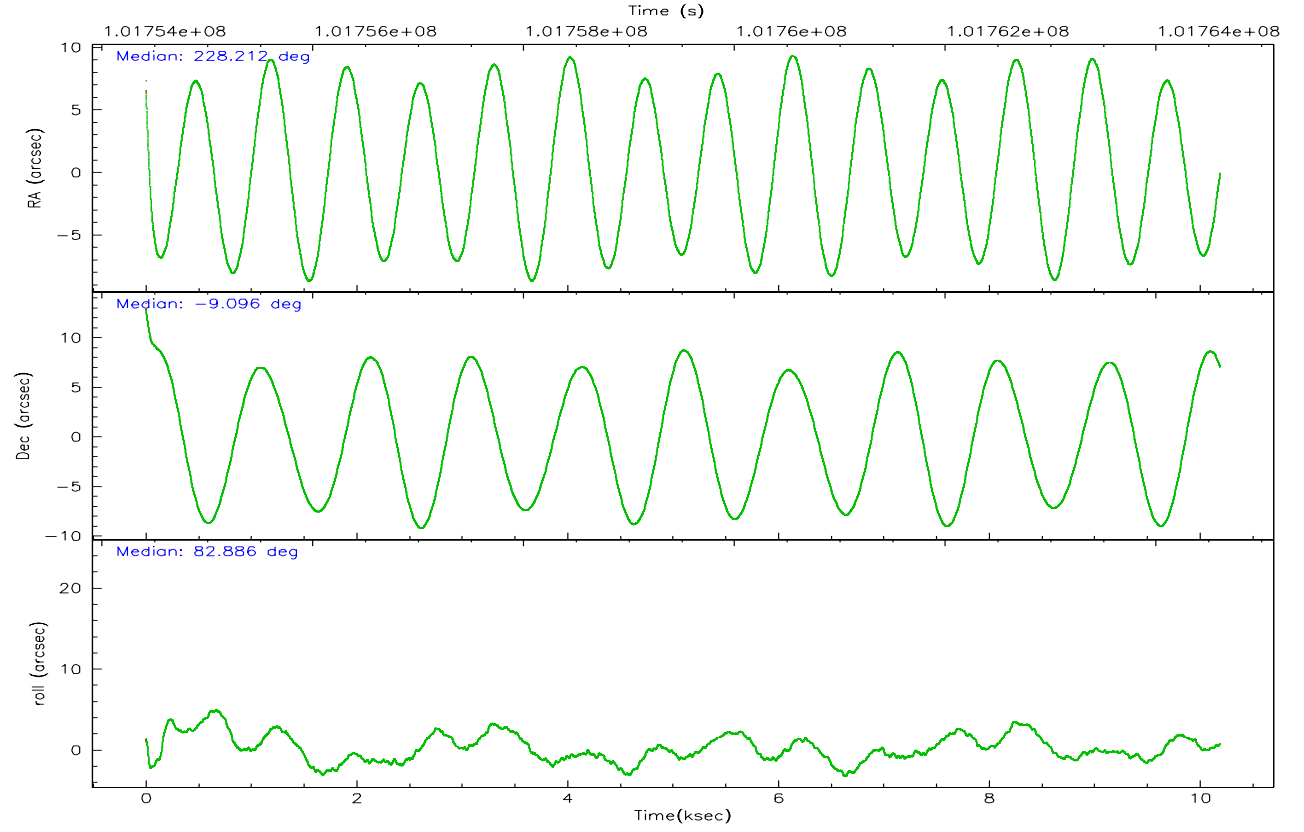
	ccd 7
grade 0 events	2276
	11%
grade 1 events	43
	0%
grade 2 events	3146
	15%
grade 3 events	1346
	6%
grade 4 events	1334
	6%
grade 5 events	1058
	5%
grade 6 events	4635
	23%
grade 7 events	6174
	30%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	228.223682	228.2126363255527	Subarray requested	1/8	1/8
Pointing Dec	-9.121163	-9.09605009474669	Subarray start row	0	449
Pointing Roll	82.737392	82.89227728402524	Subarray row count	1024	128
Roll angle	120.000000	120.000000	Alternating exposures requested	N	N
Roll tolerance	64.000000	64.000000	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	101754606.184000	101753502.71074			
Observation start date	2001-03-23T17:09:02	2001-03-23T16:51:42			
Observation end time	101764606.184000	101765351.7112			
Observation end date	2001-03-23T19:55:42	2001-03-23T20:09:11			
Read mode	TIMED	TIMED			

2.3 Aspect



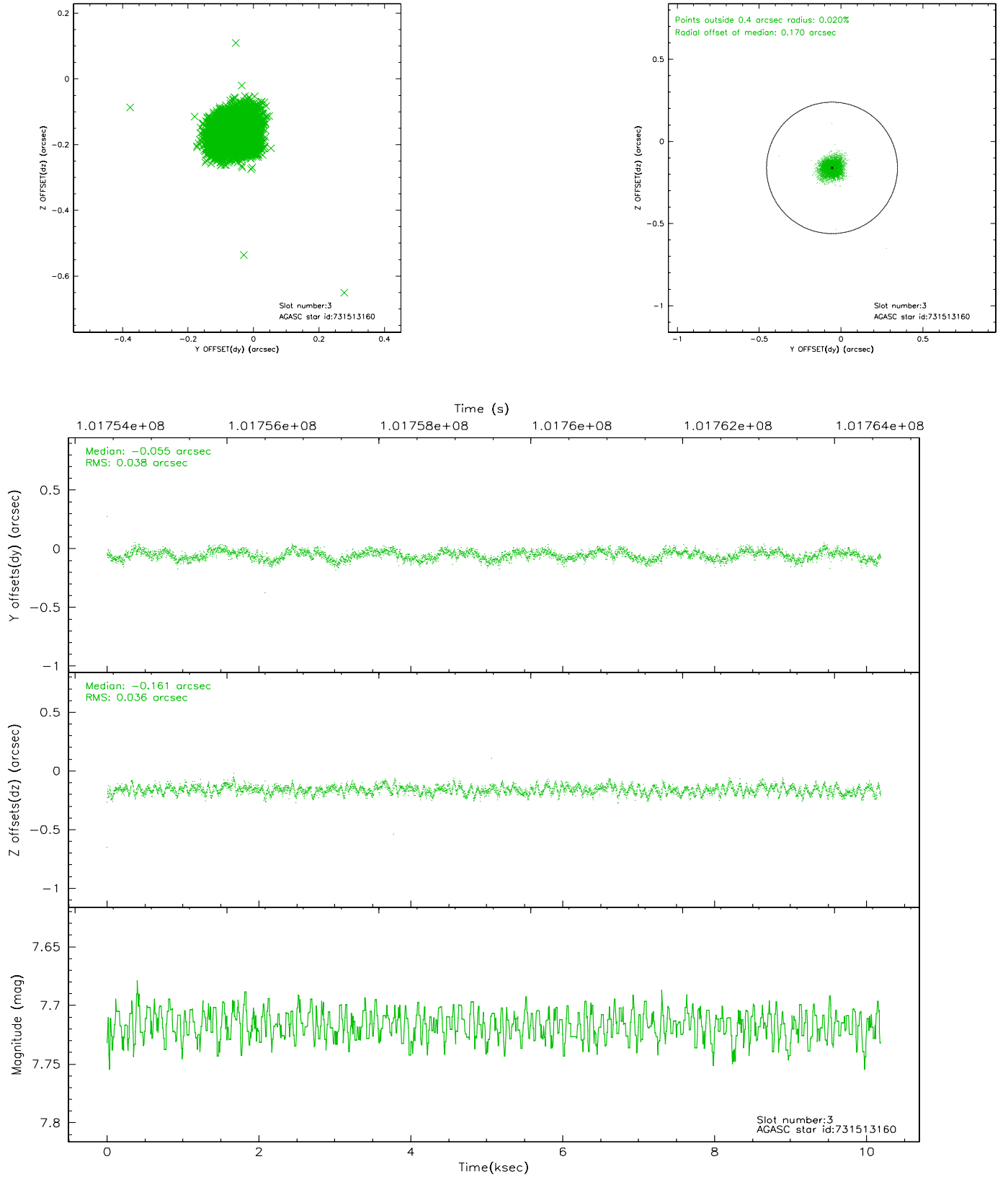


Slot Statistics

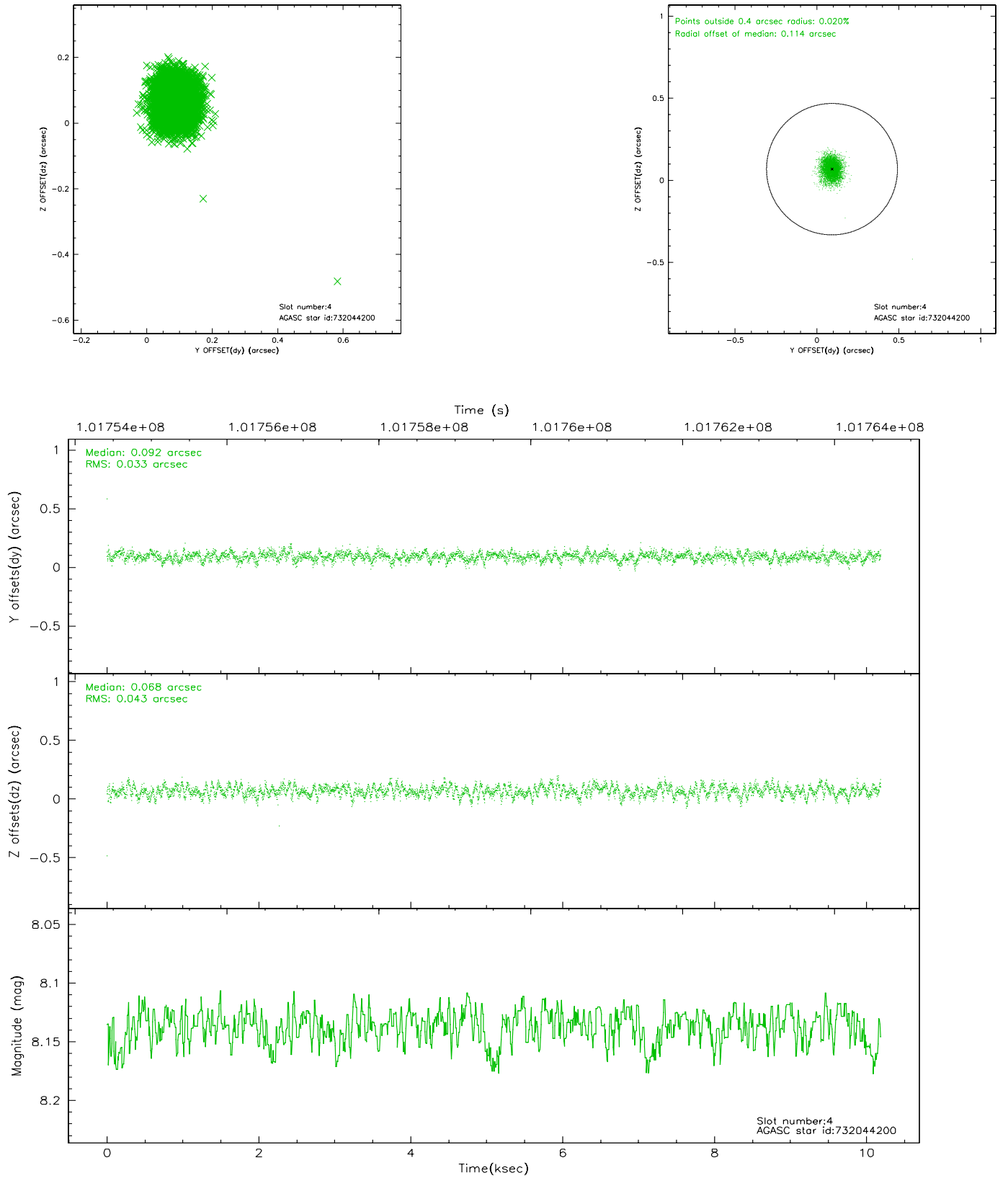
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2486	-0.011	0.033	0.007	0.010	0.000000	0.000000	-755.87	-1726.90
1	FID	ACIS-S-4	7.20	2486	-0.068	-0.003	0.005	0.008	0.000000	0.000000	2157.07	181.09
2	FID	ACIS-S-5	7.23	2486	0.048	-0.020	0.007	0.010	0.000000	0.000000	-1808.03	175.23
3	GUIDE	731513160	7.72	4972	-0.055	-0.161	0.055	0.087	227.964985	-8.839913	887.95	1039.82
4	GUIDE	732044200	8.14	4972	0.092	0.068	0.057	0.094	228.488992	-9.493638	-1210.69	-1104.98
5	GUIDE	731513064	9.08	4969	-0.098	0.053	0.069	0.112	228.589342	-8.844201	1153.05	-1165.35
6	GUIDE	731513864	9.59	4964	0.006	0.018	0.082	0.132	228.436376	-8.619999	1885.72	-523.90
7	GUIDE	731513664	9.60	4963	0.058	0.024	0.089	0.143	228.517809	-8.766784	1398.34	-877.77

2.4 Star Slots

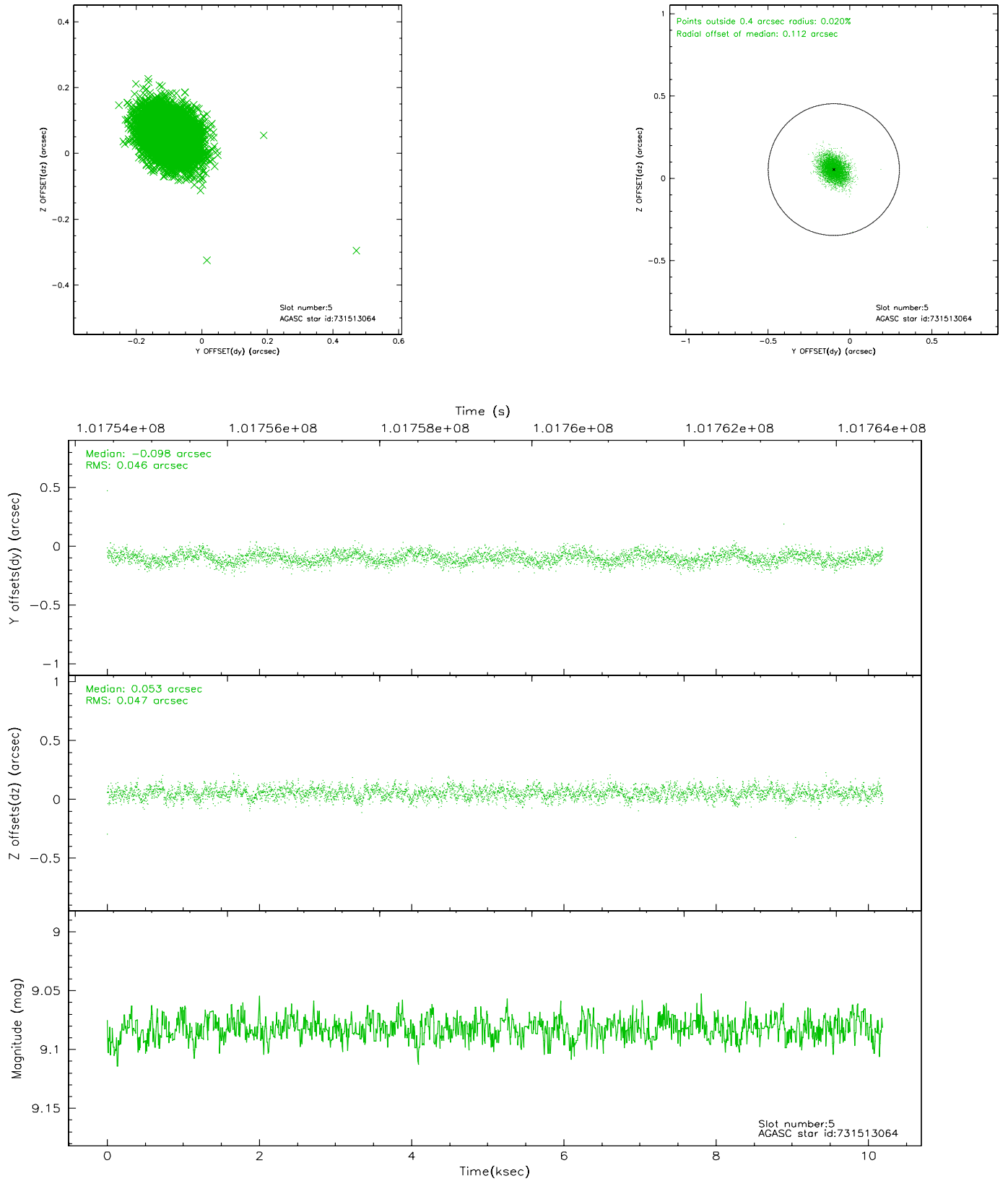
2.4.1 Slot 3



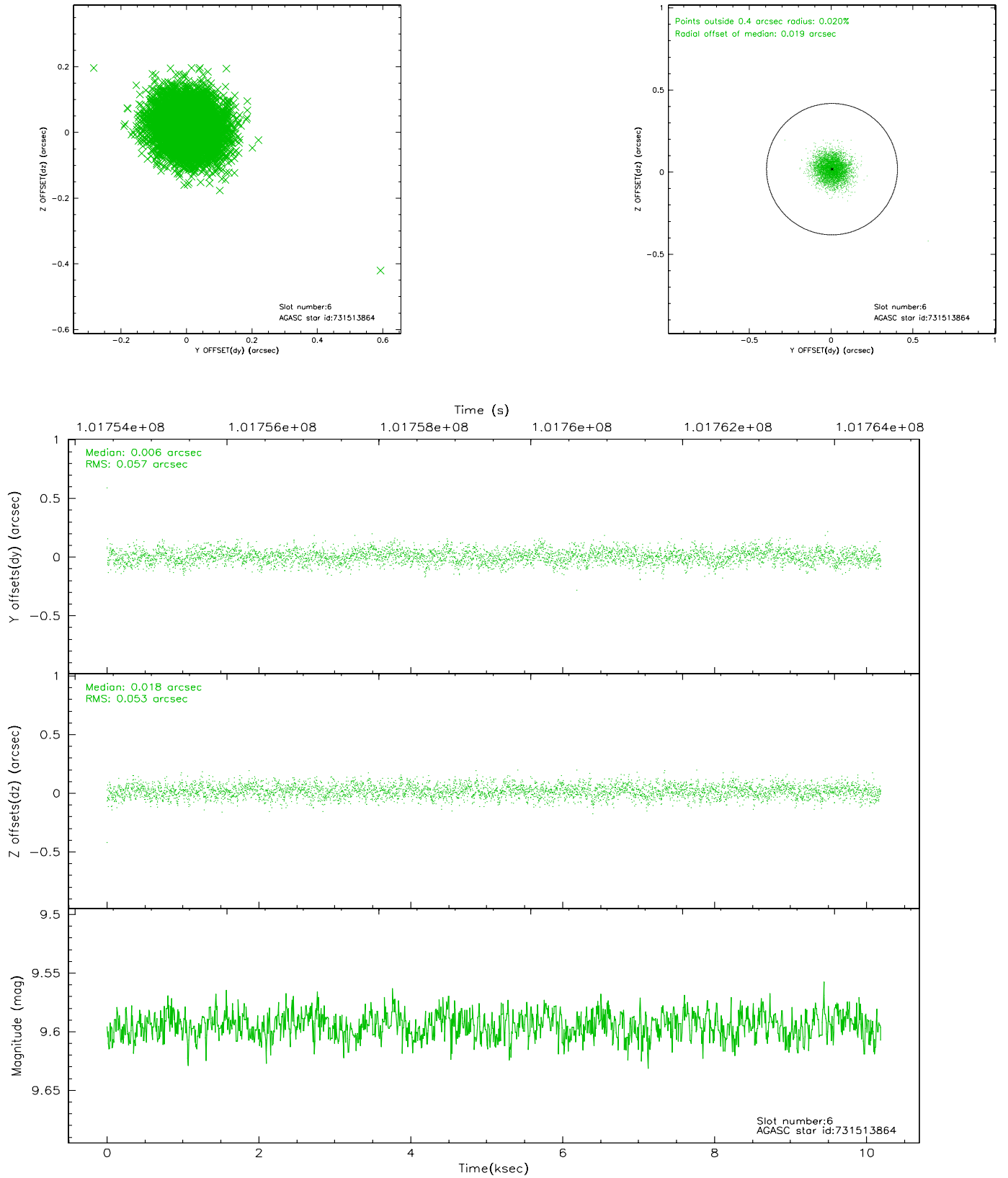
2.4.2 Slot 4



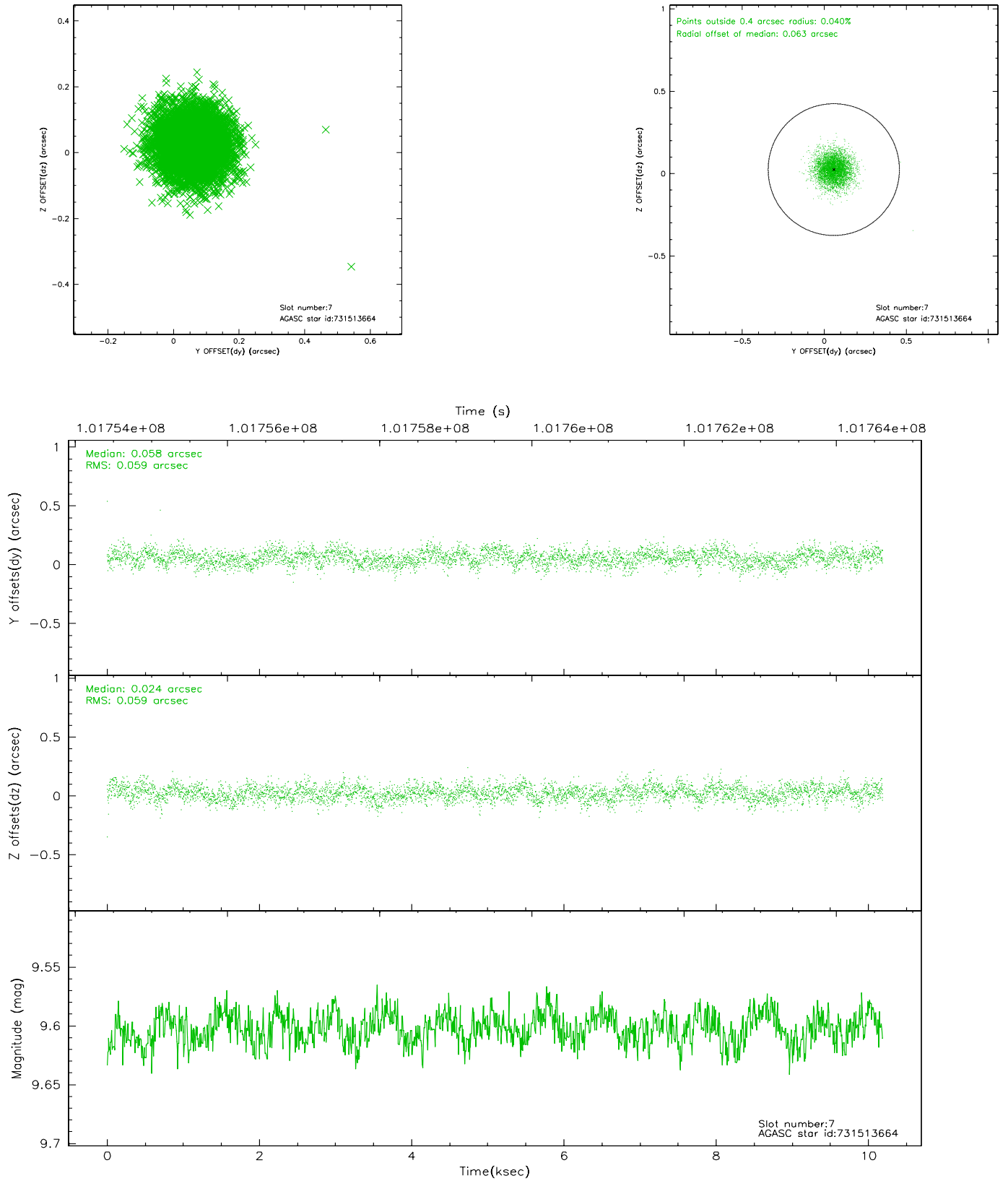
2.4.3 Slot 5



2.4.4 Slot 6

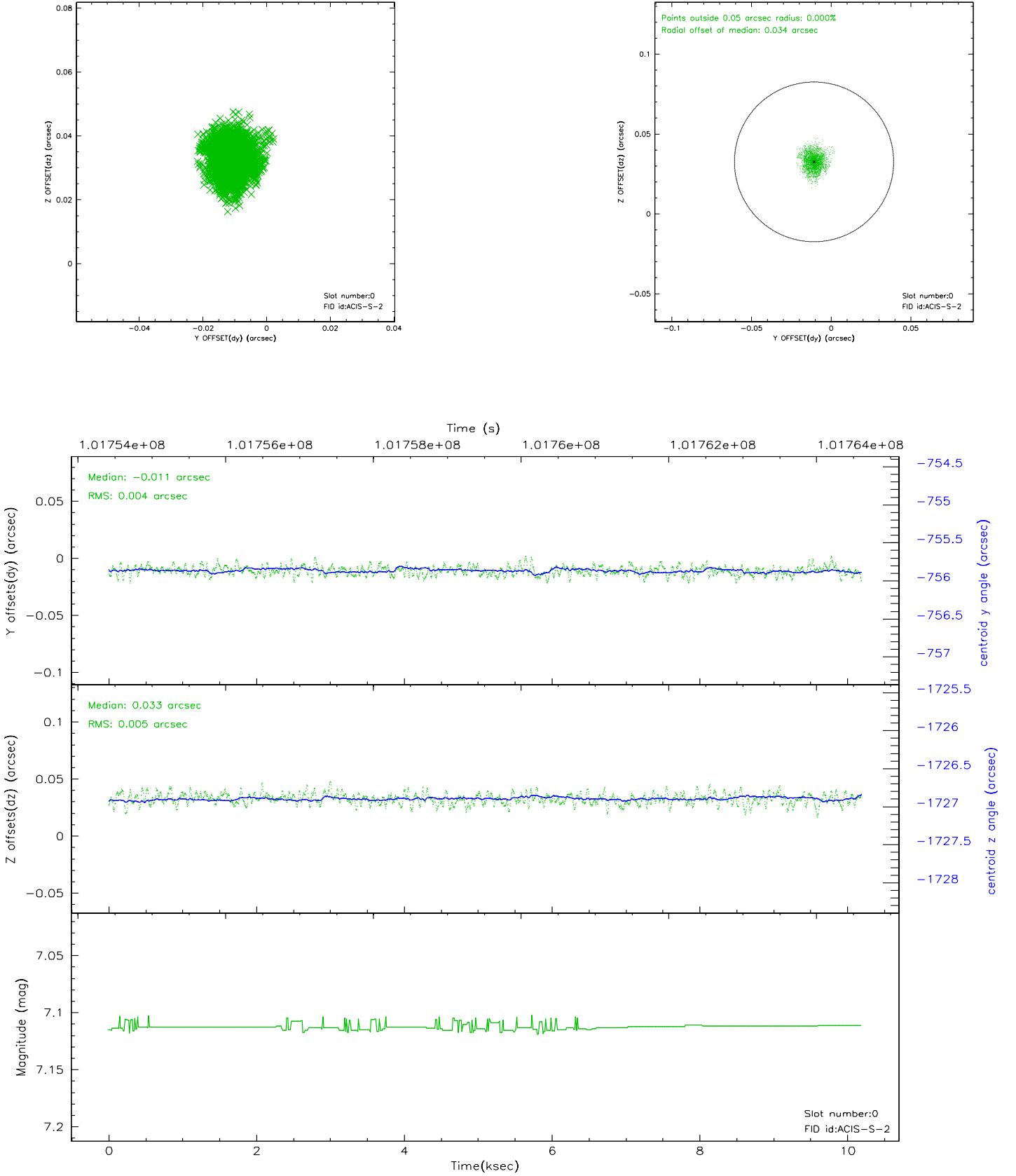


2.4.5 Slot 7

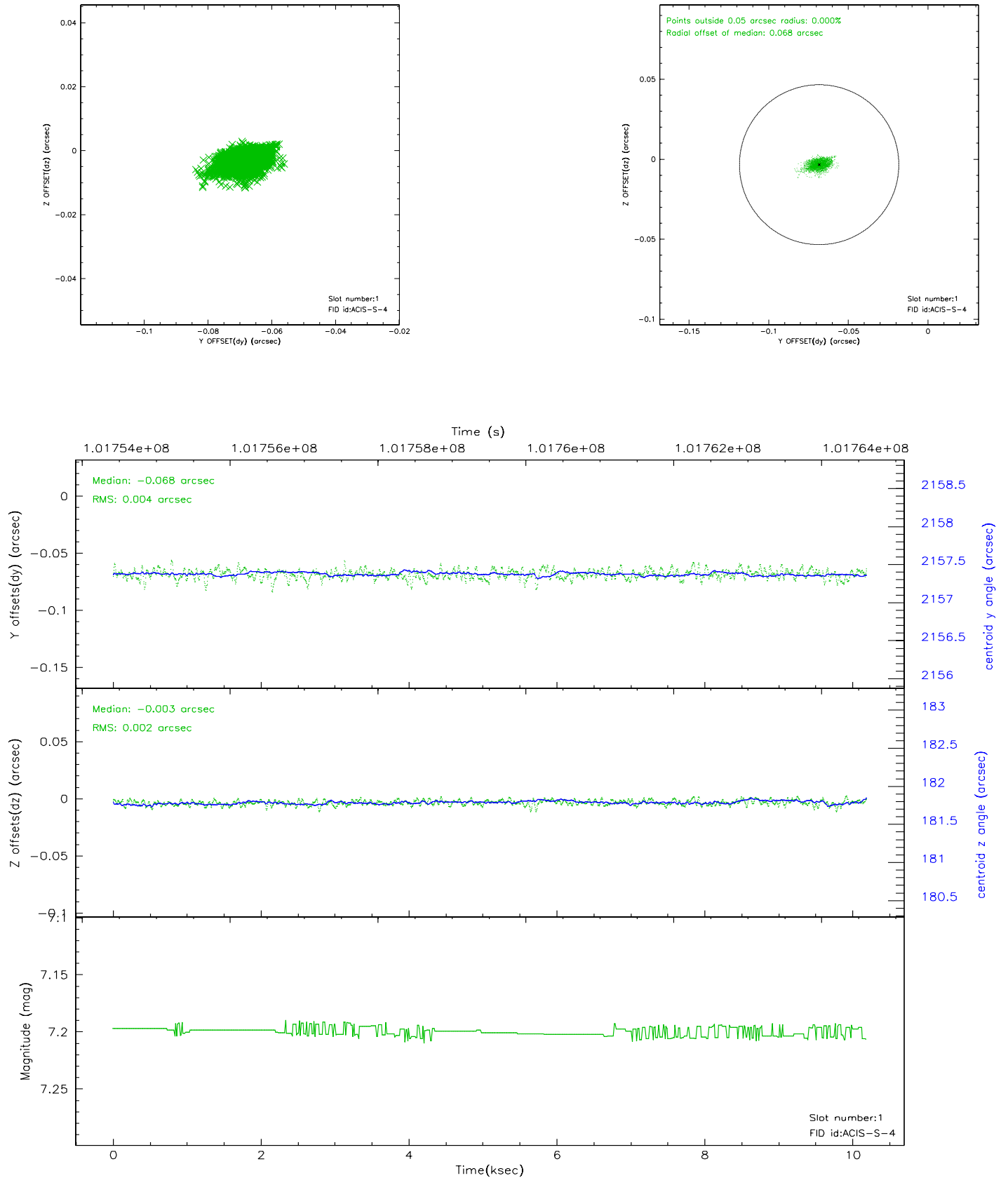


2.5 FID Slots

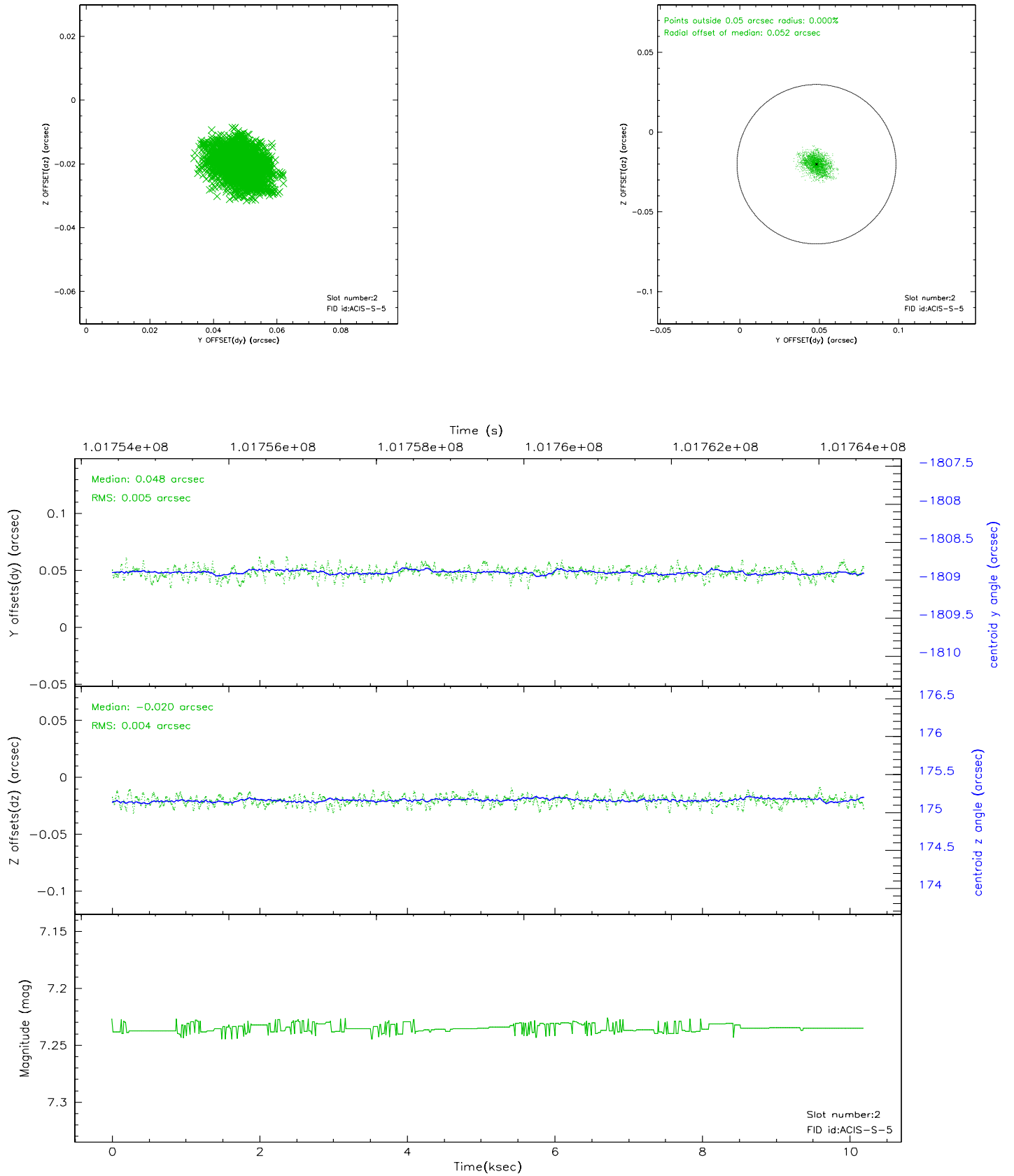
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	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	10.189

A.2 Comments

Roll constraint met.