

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4870 - L2 Version 001
Chandra X-Ray Center

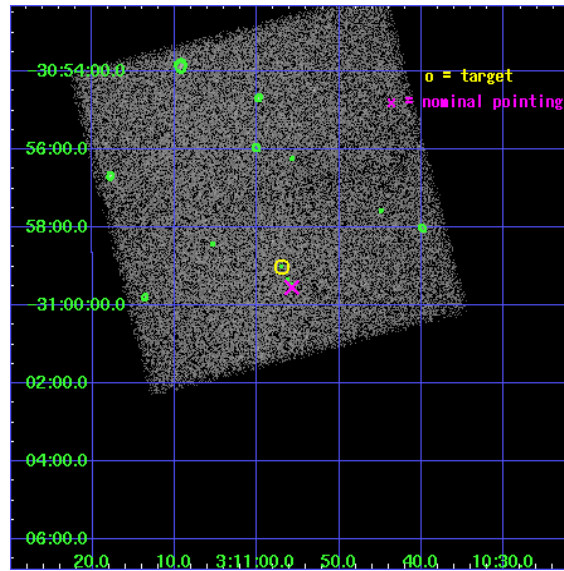
L2 Processing Date : May 29 2006

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1 Front

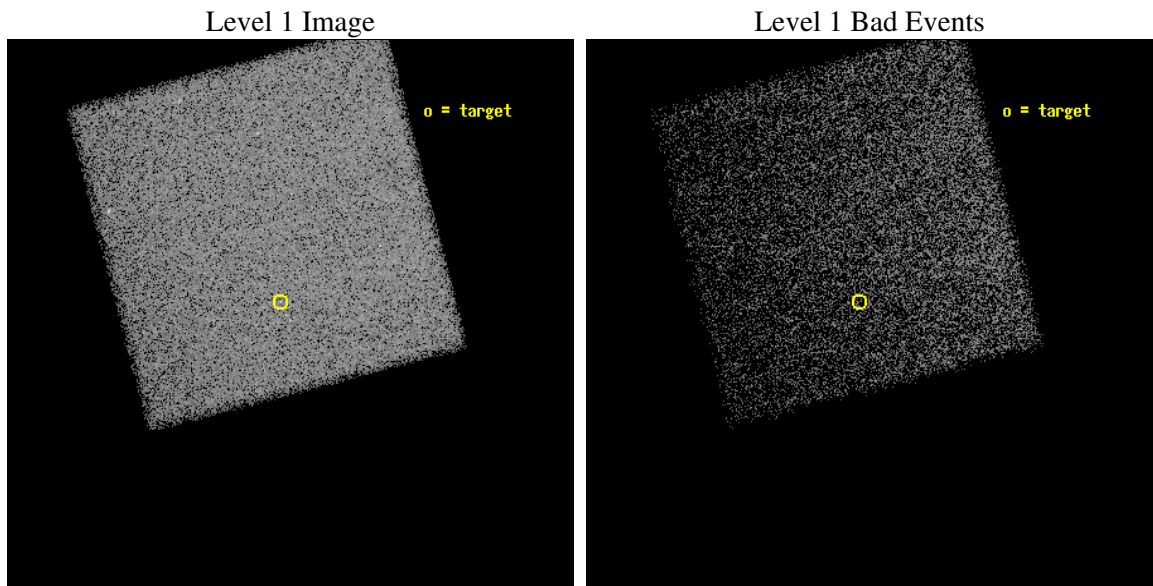
seq_num	700952
obs_id	4870
title	UNCOVERING THE HIDDEN POPULATION OF BL LACS
observer	Dr Nicola Loaring
object	2QZ J031056.9-305901
dtcycle	0
cycle	P
ra_targ	47.737083
dec_targ	-30.983694
ra_nom	47.732359848382
dec_nom	-30.992431836914
roll_nom	255.36770642786
revision	2
ontime	15423.0
livetime	15214.860705548
ontime7	15423.0
l2events	81814



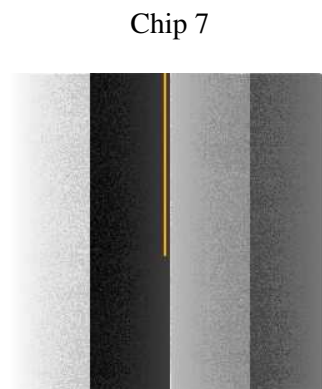
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-05-29T10:34:17
revision	2

sched_exp_time	15000.000000
ontime	15645.959176451
ontime7	15645.959176451
l1events	173130

2.1.4 Events

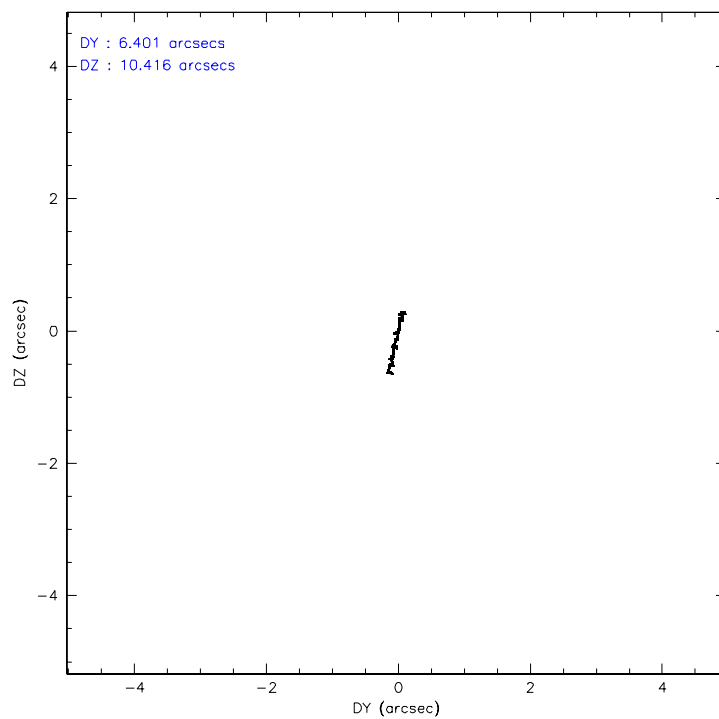
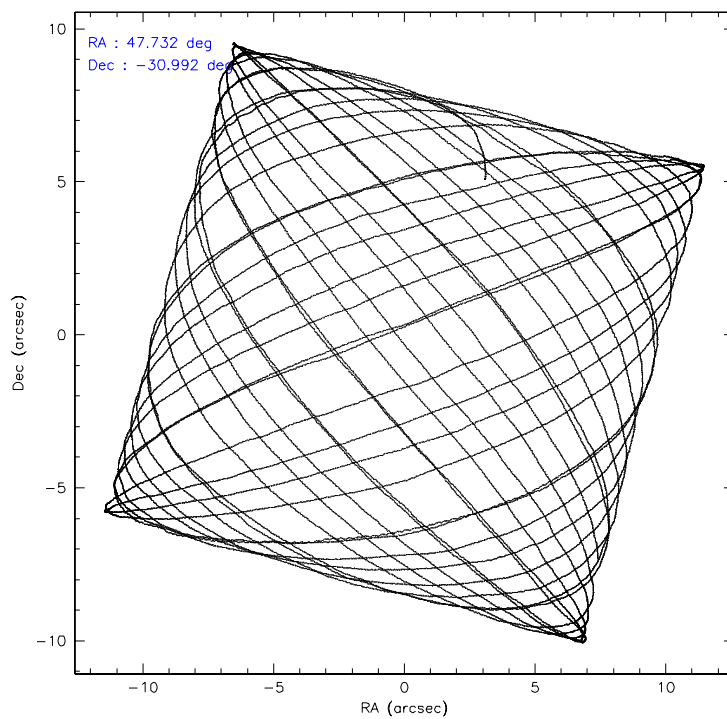
	ccd 7
level 1 events	173130
rejected events	89835
rejected %	51%

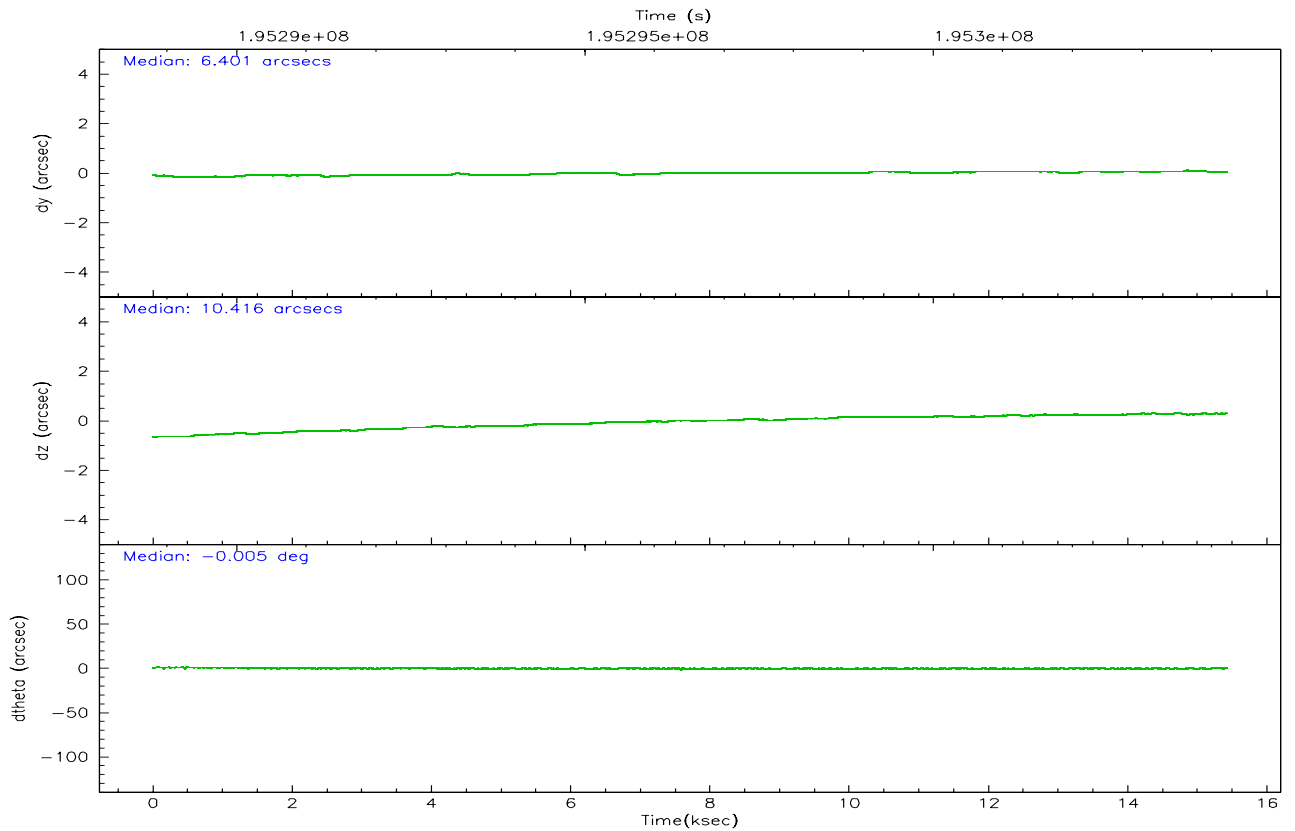
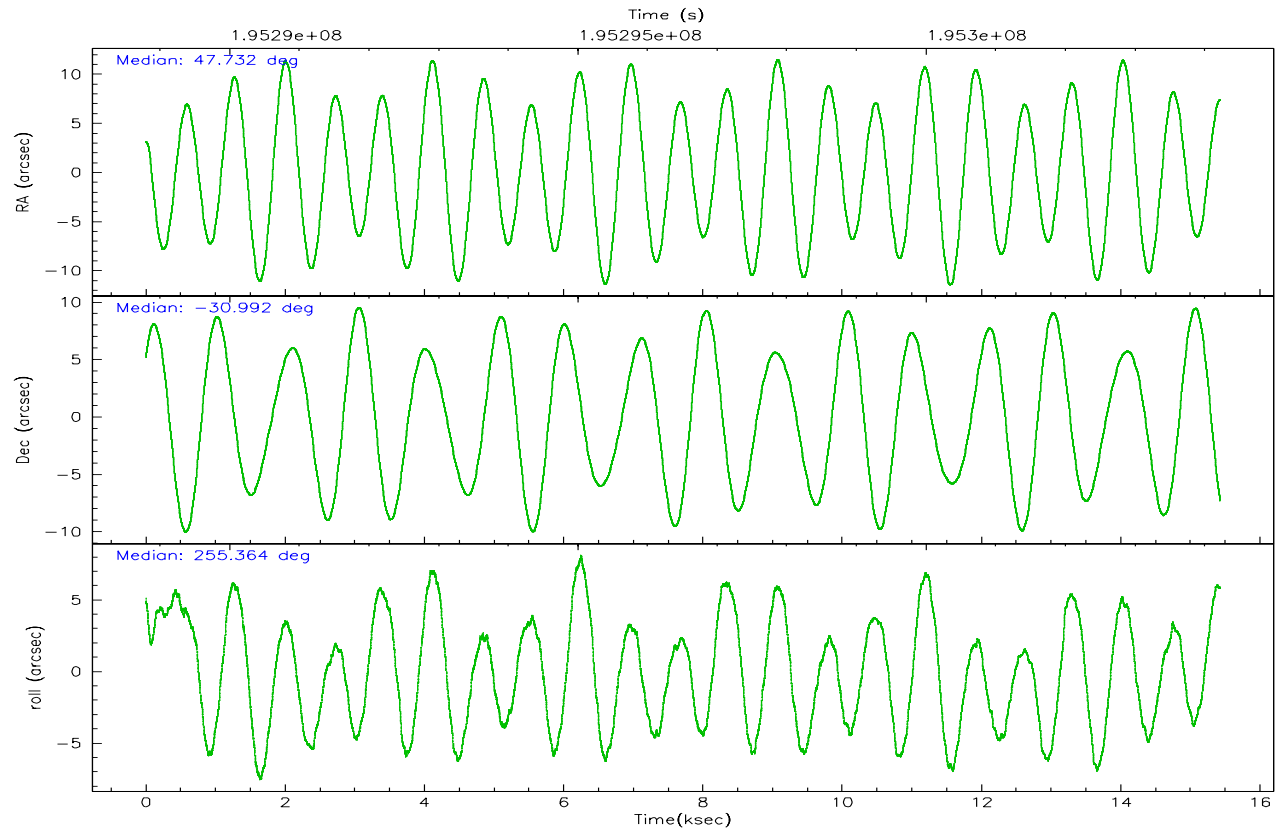
	ccd 7
grade 0 events	6649
	3%
grade 1 events	58
	0%
grade 2 events	19190
	11%
grade 3 events	4564
	2%
grade 4 events	4471
	2%
grade 5 events	9313
	5%
grade 6 events	49204
	28%
grade 7 events	79681
	46%

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	NONE	NONE
Pointing RA	47.723533	47.73235984838229	Alternating exposures requested	N	N
Pointing Dec	-30.966320	-30.99243183691412	Primary exposure time	0.000000	3
Pointing Roll	255.206538	255.3677064278573			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	195289230.184000	195288148.29698			
Observation start date	2004-03-10T06:59:26	2004-03-10T06:42:28			
Observation end time	195304230.184000	195304758.42271			
Observation end date	2004-03-10T11:09:26	2004-03-10T11:19:18			
Read mode	TIMED	TIMED			

2.3 Aspect



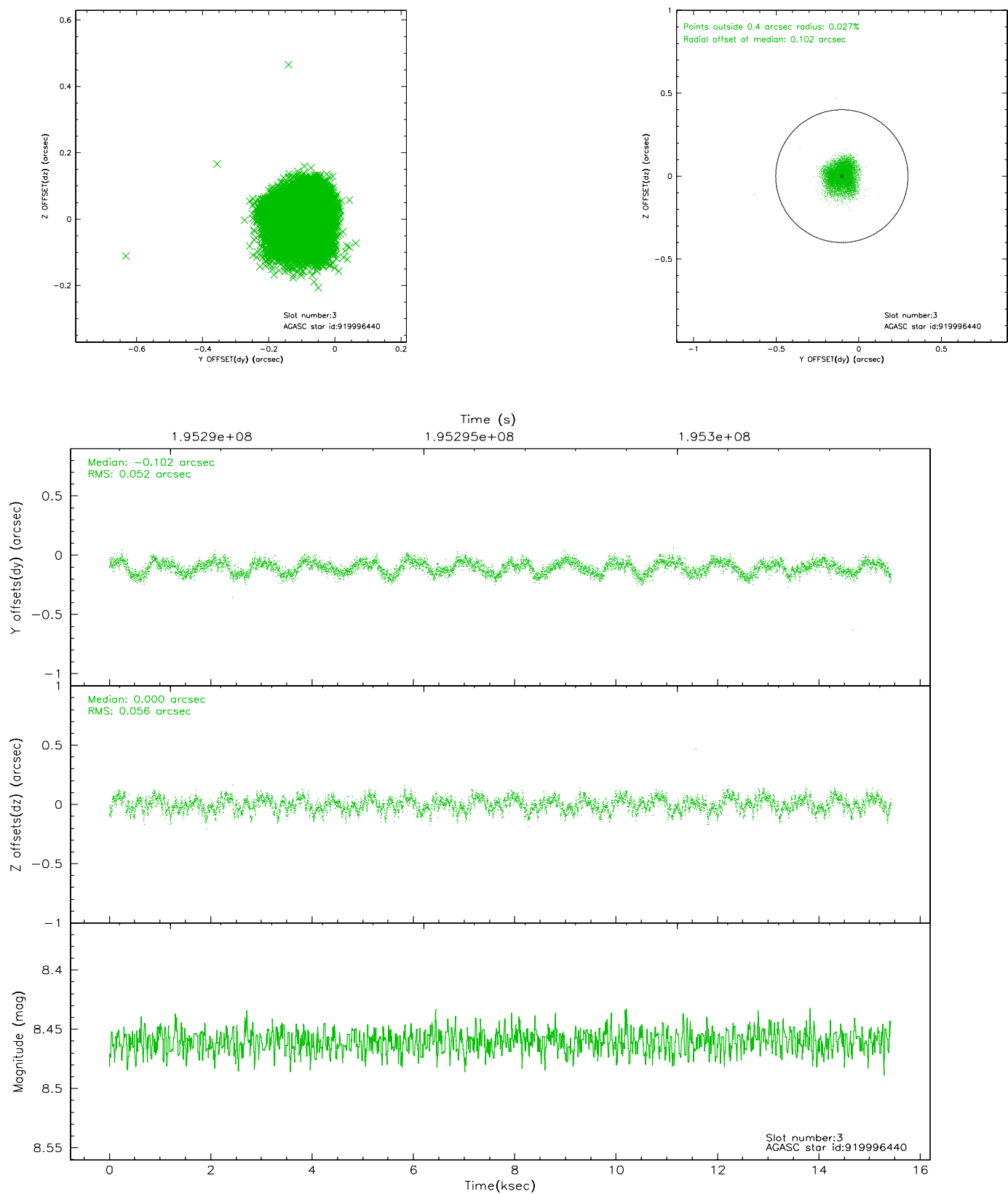


Slot Statistics

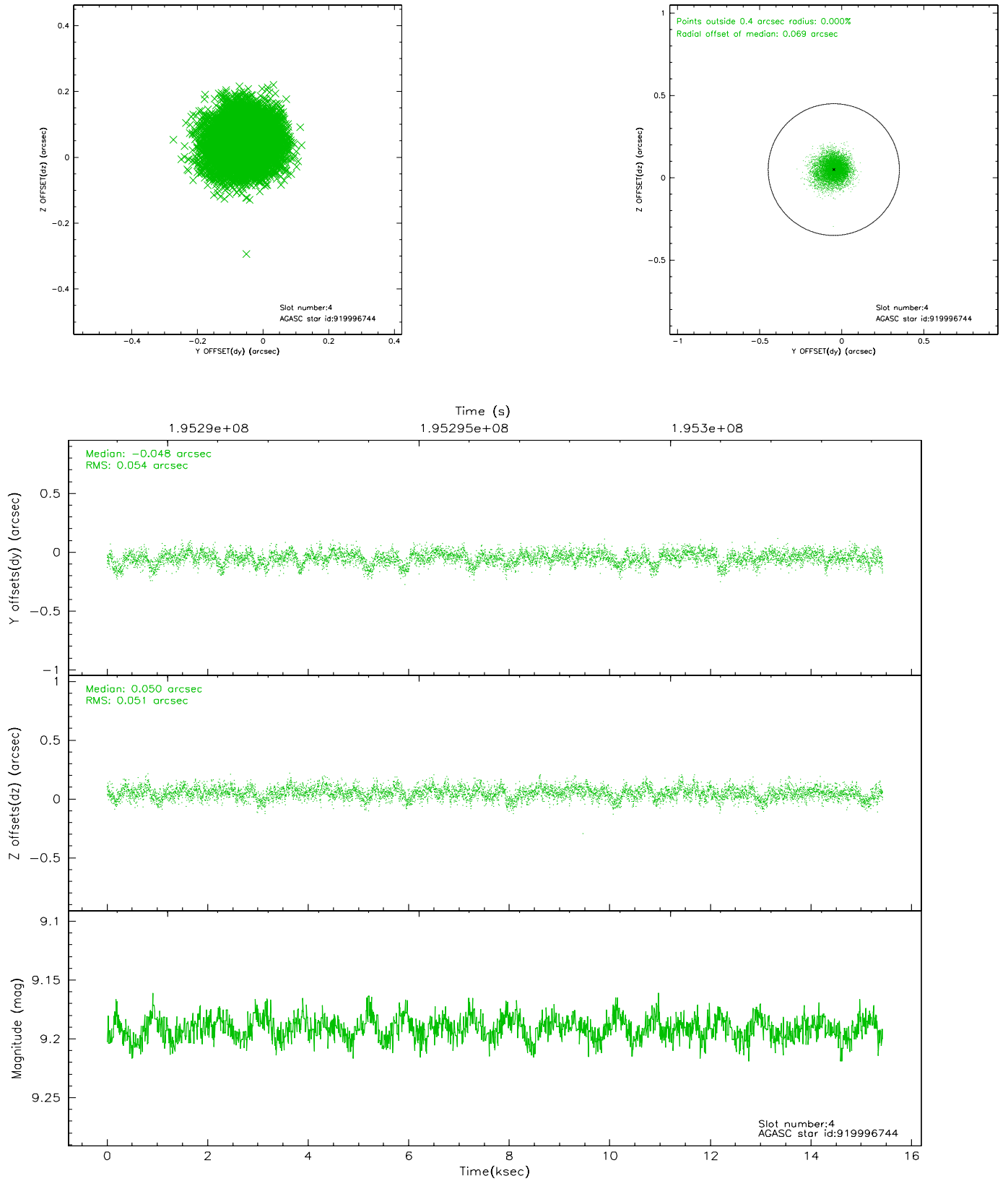
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3763	-0.051	0.002	0.008	0.013	0.000000	0.000000	-759.14	-1731.57
1	FID	ACIS-S-4	7.21	3763	0.041	0.024	0.006	0.011	0.000000	0.000000	2154.07	176.69
2	FID	ACIS-S-5	7.23	3763	-0.021	-0.017	0.008	0.014	0.000000	0.000000	-1811.61	170.58
3	GUIDE	919996440	8.46	7525	-0.102	0.000	0.083	0.125	47.692410	-30.544296	-1443.83	-481.00
4	GUIDE	919996744	9.19	7521	-0.048	0.050	0.079	0.130	47.799849	-30.501488	-1677.76	-198.25
5	GUIDE	920000504	9.21	7517	-0.034	-0.052	0.075	0.120	47.982704	-30.776523	-864.18	601.01
6	GUIDE	920000640	9.47	7519	0.111	0.024	0.088	0.142	47.594279	-31.126603	660.23	-237.19
7	GUIDE	919995320	8.04	7526	0.077	-0.017	0.058	0.091	47.390903	-31.253325	1262.42	-725.19

2.4 Star Slots

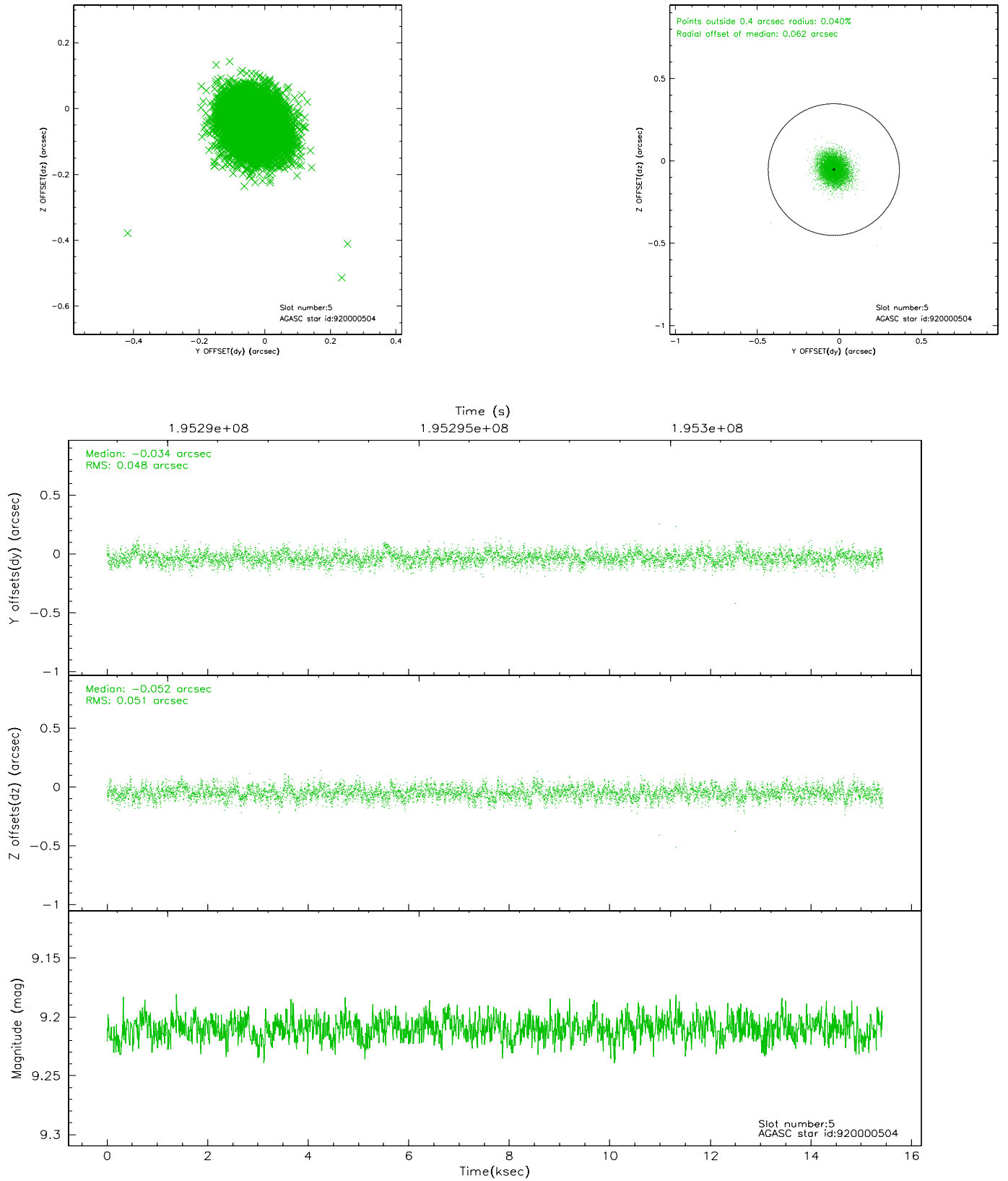
2.4.1 Slot 3



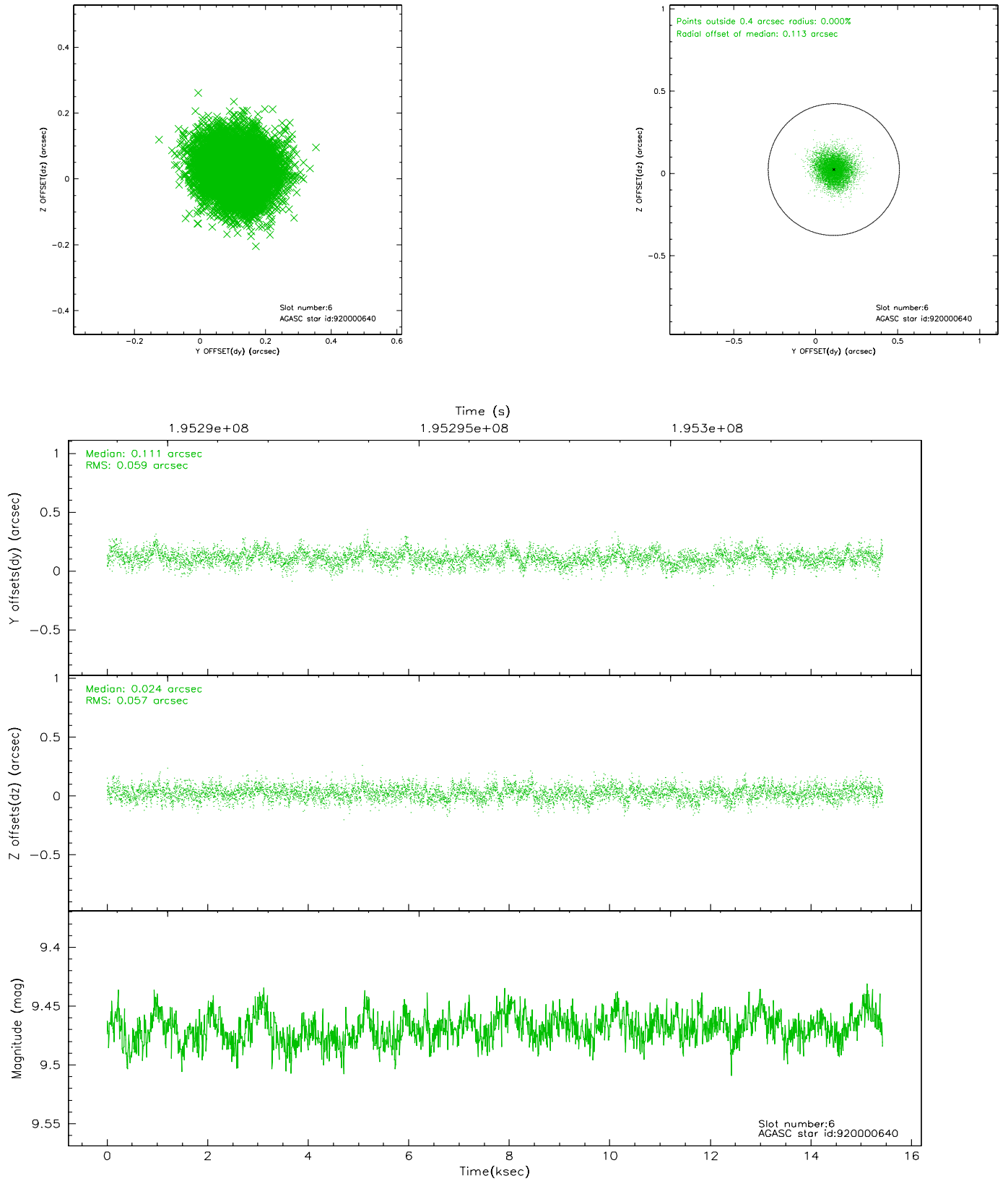
2.4.2 Slot 4



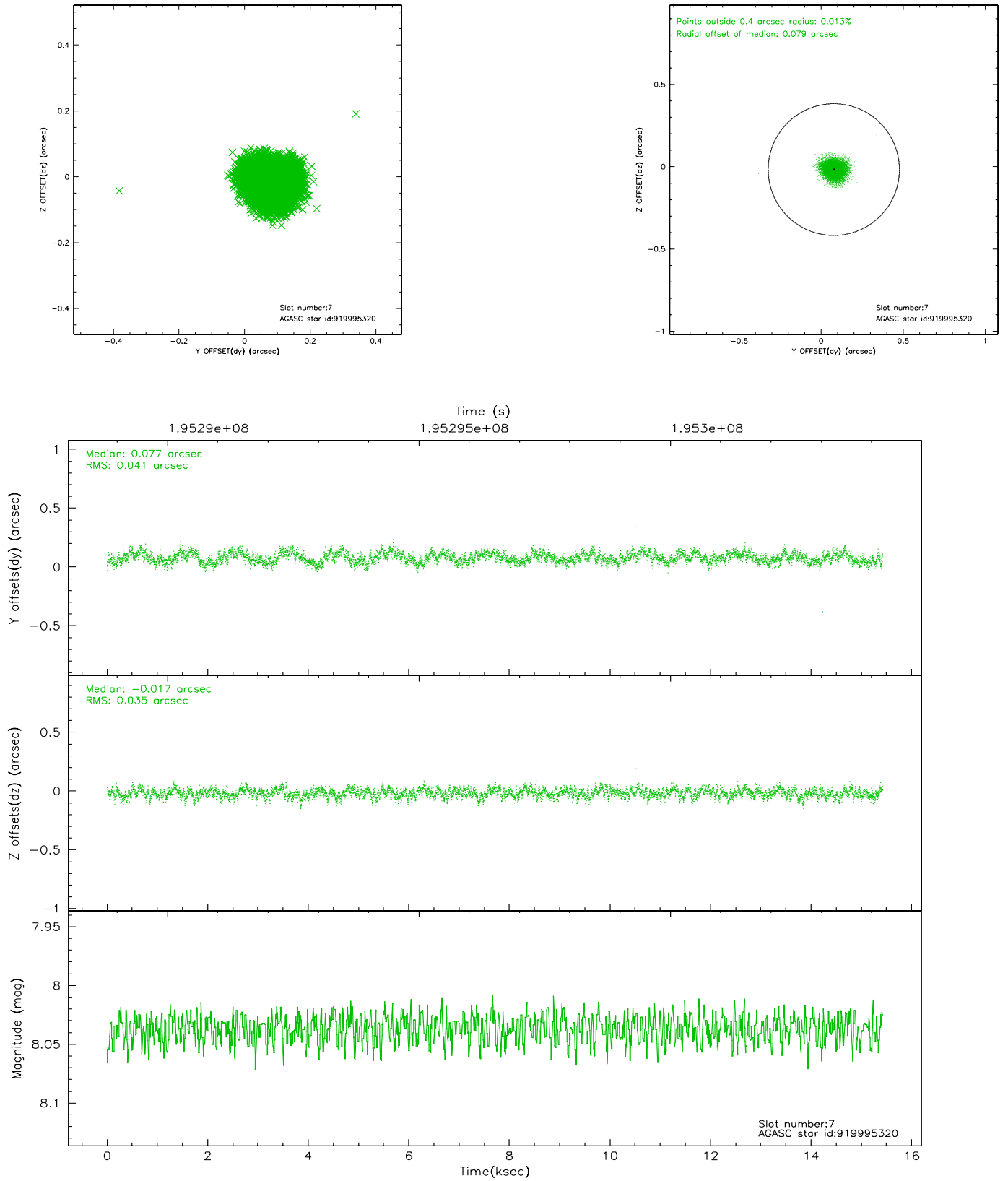
2.4.3 Slot 5



2.4.4 Slot 6

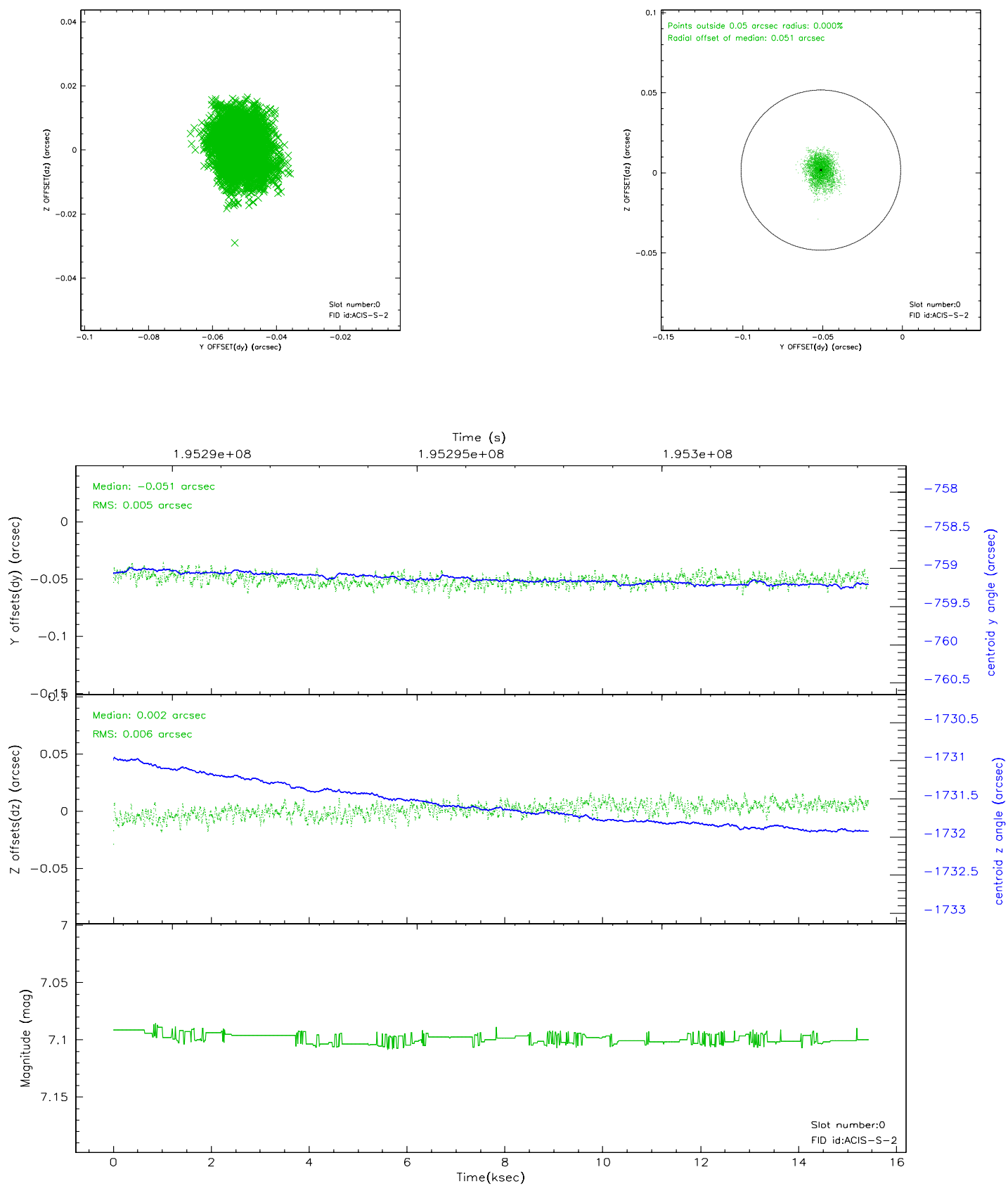


2.4.5 Slot 7

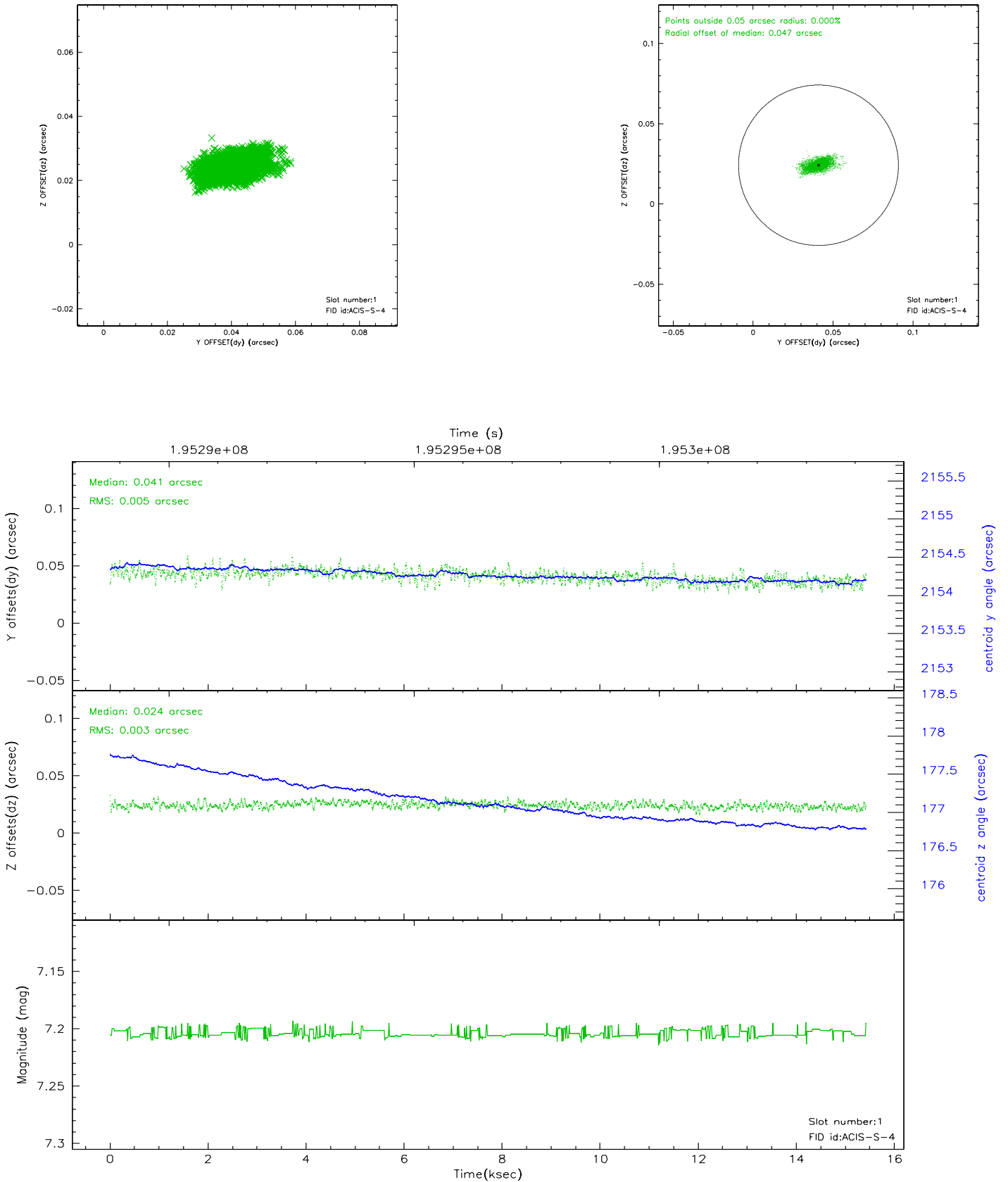


2.5 FID Slots

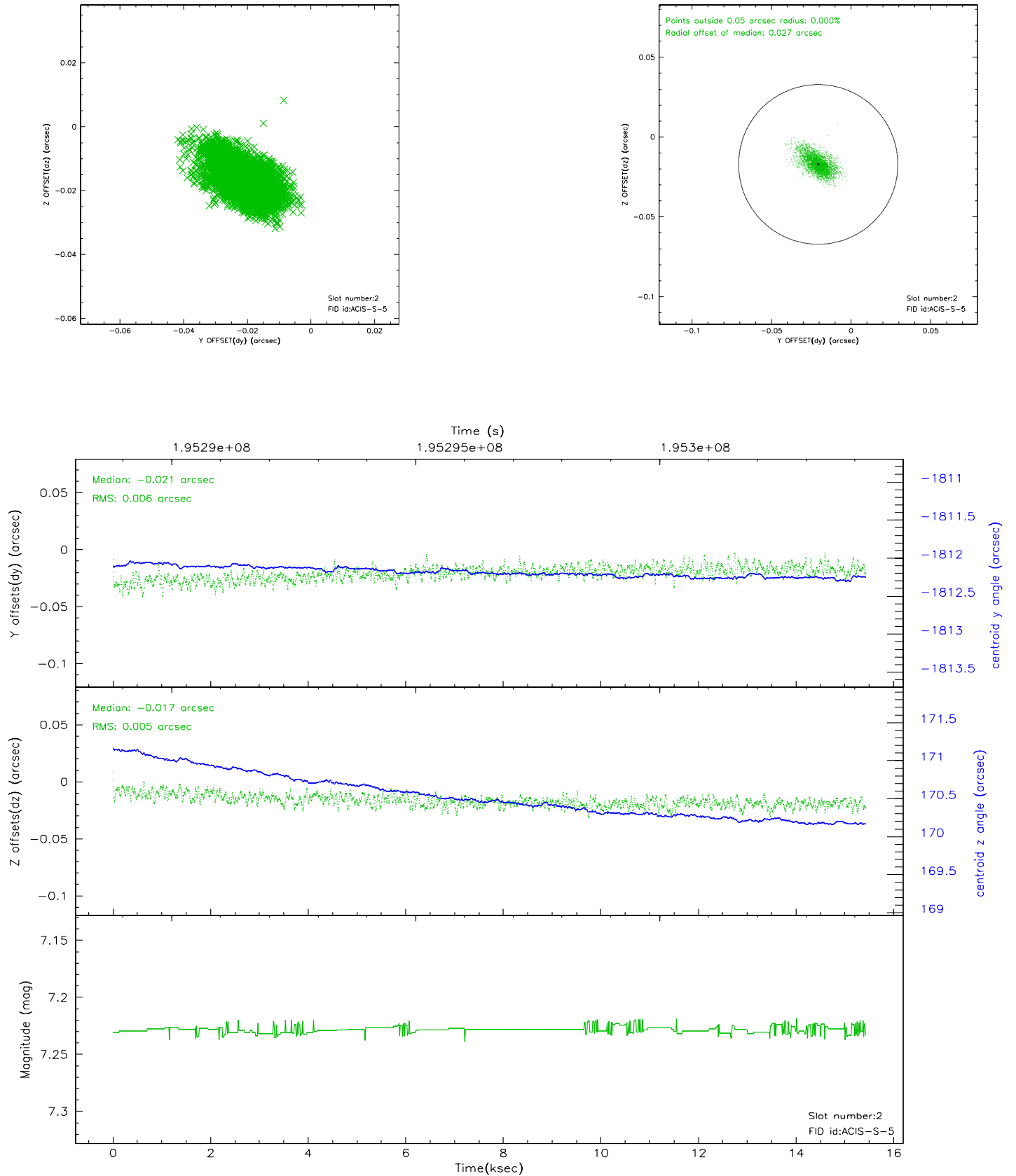
2.5.1 Slot 0



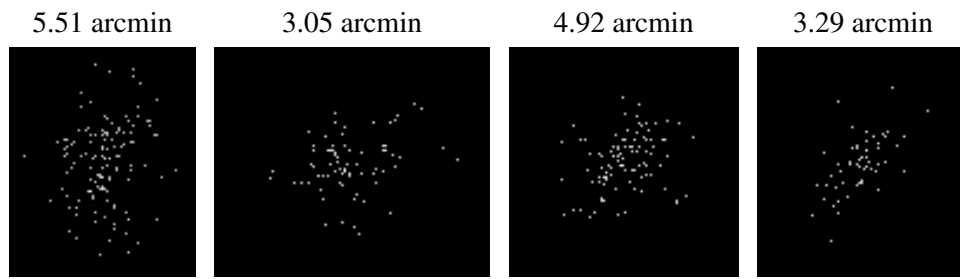
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.05.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.423

A.2 Comments