

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3360 - L2 Version 001
Chandra X-Ray Center

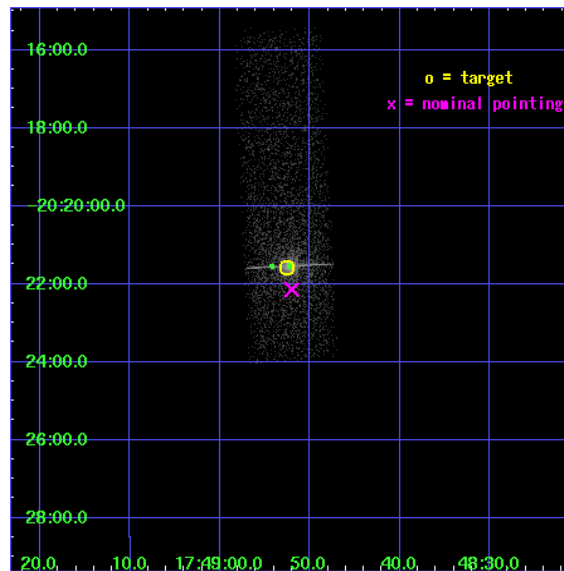
L2 Processing Date : Dec 21 2006

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1 Front

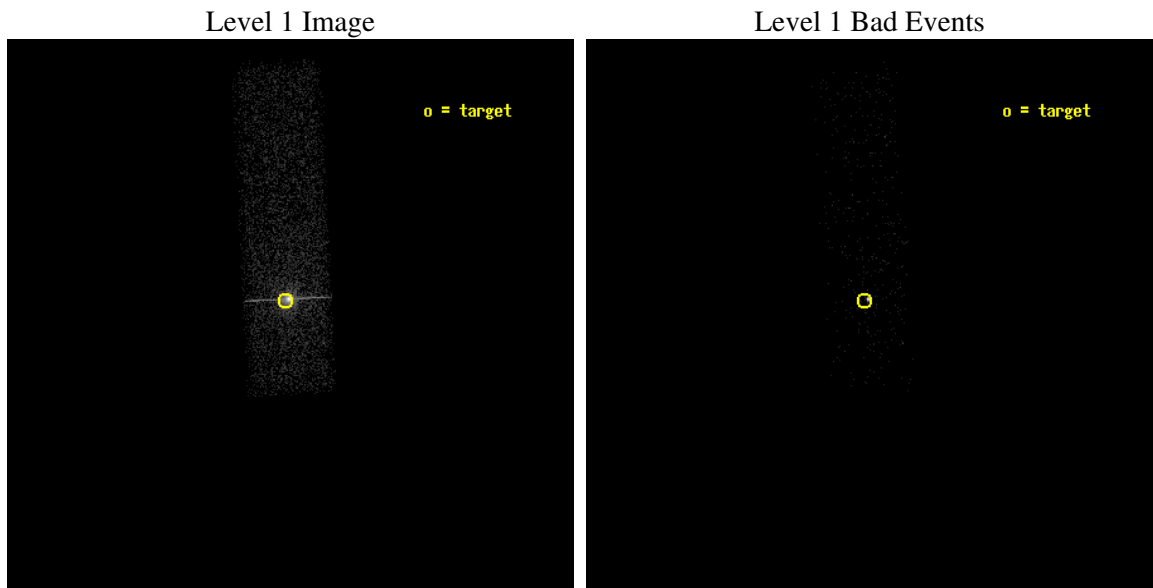
seq_num	400233
obs_id	3360
title	LOCALIZATION AND IDENTIFICATION OF THE X-RAY TRANSIENT IN NGC 6440
observer	DR. JEAN IN 'T ZAND
object	NGC 6440
dtcycle	0
cycle	P
ra_targ	267.219167
dec_targ	-20.359389
ra_nom	267.21674482631
dec_nom	-20.369143839676
roll_nom	267.21605403458
revision	2
ontime	2640.7999901623
livetime	2511.9375917077
ontime7	2640.7999901623
l2events	9257



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	2006-12-21T15:11:48
revision	2

sched_exp_time	2500.000000
ontime	3634.9260631651
ontime7	3634.9260631651
l1events	23409

2.1.4 Events

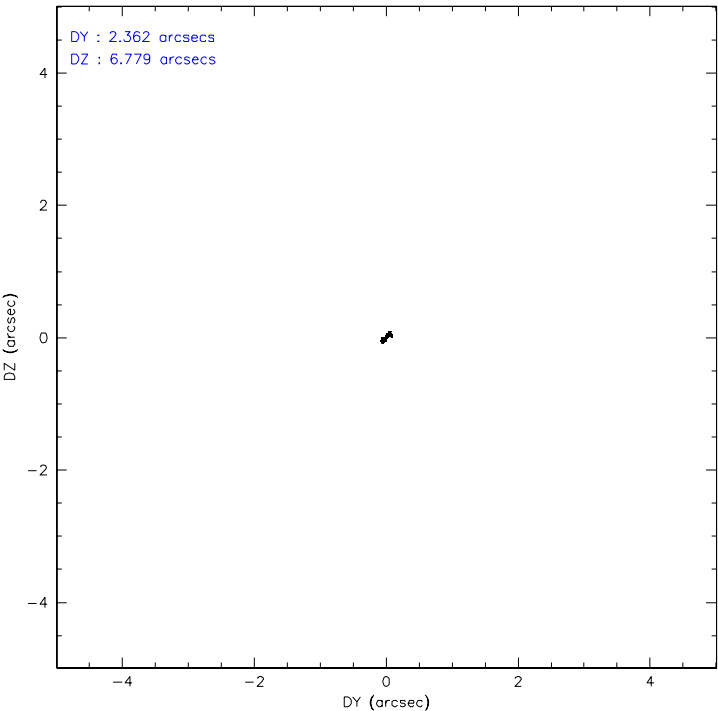
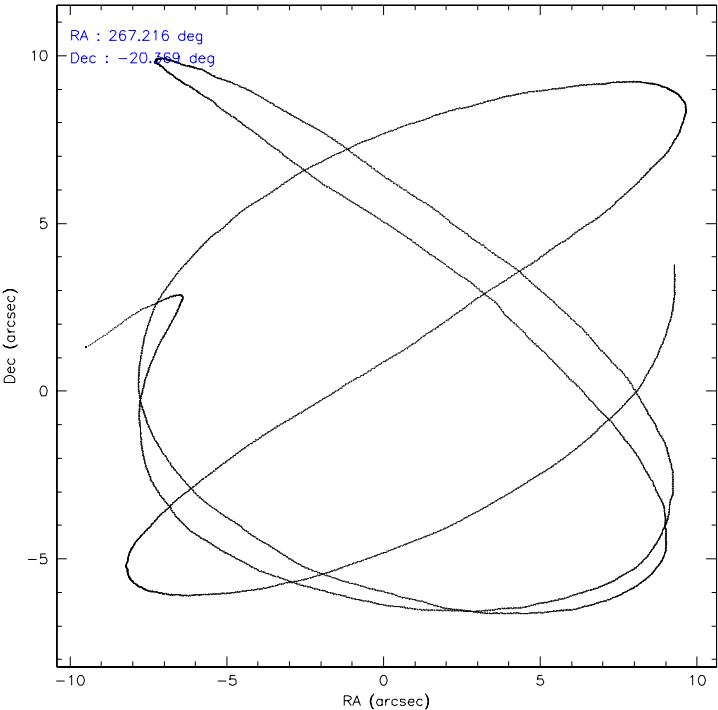
	ccd 7
level 1 events	23409
rejected events	14018
rejected %	59%

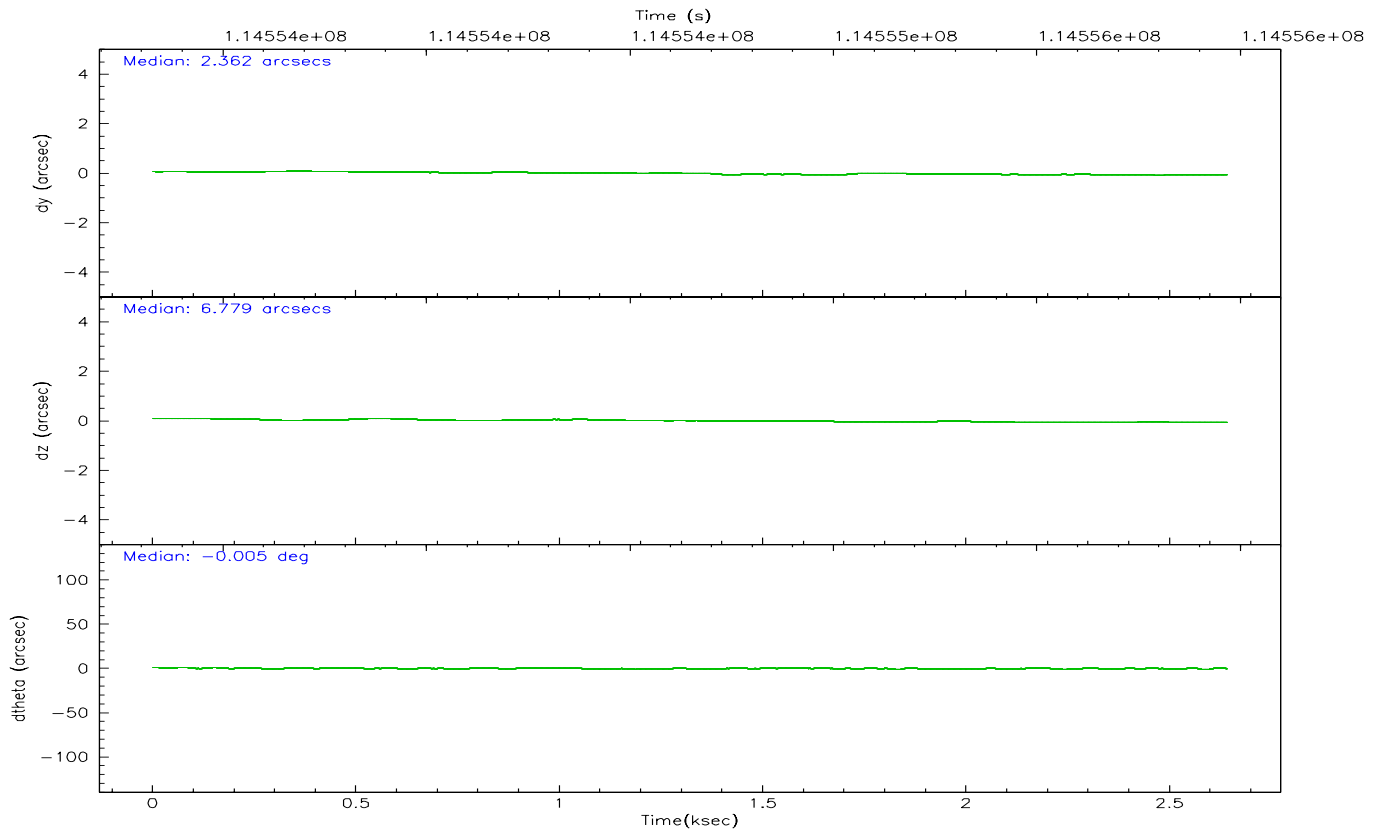
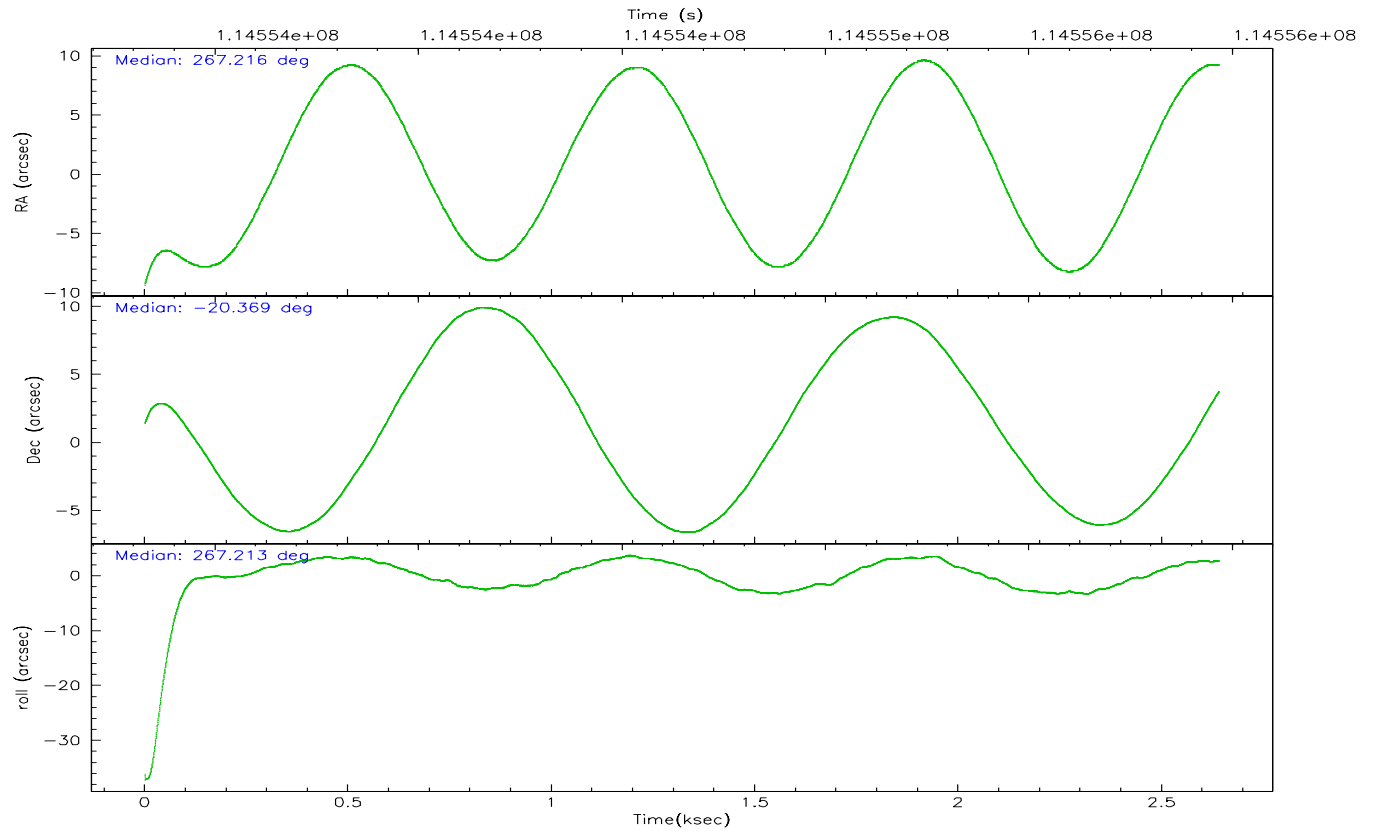
	ccd 7
grade 0 events	3283
	14%
grade 1 events	75
	0%
grade 2 events	4658
	19%
grade 3 events	1693
	7%
grade 4 events	1626
	6%
grade 5 events	947
	4%
grade 6 events	6568
	28%
grade 7 events	4559
	19%

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	267.203238	267.2167448263101	Subarray requested	1/4	1/4
Pointing Dec	-20.344766	-20.36914383967559	Subarray start row	0	384
Pointing Roll	267.054896	267.2160540345806	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	114553470.184000	114552336.37225			
Observation start date	2001-08-18T20:23:26	2001-08-18T20:05:36			
Observation end time	114555970.184000	114556566.54742			
Observation end date	2001-08-18T21:05:06	2001-08-18T21:16:06			
Read mode	TIMED	TIMED			

2.3 Aspect



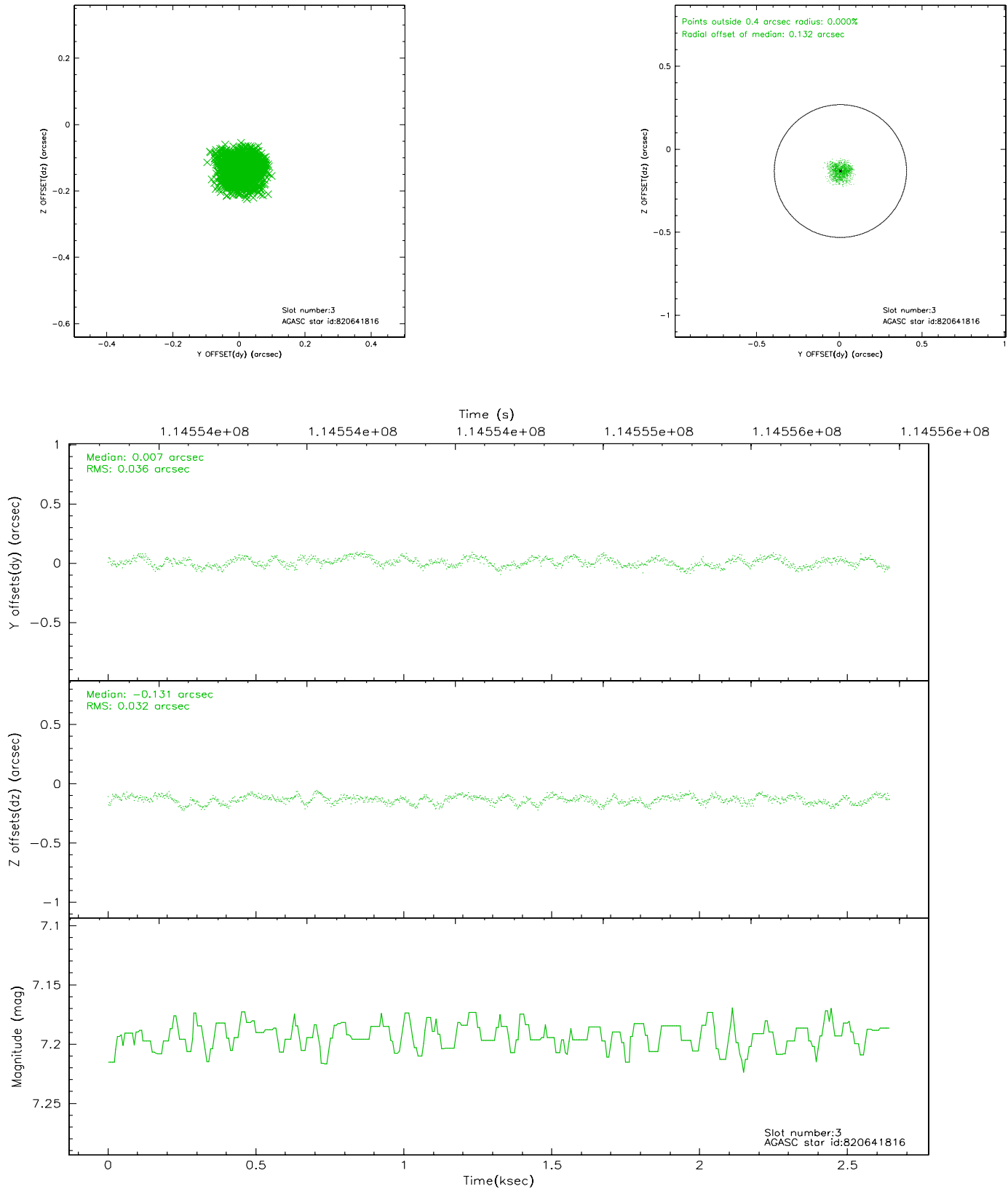


Slot Statistics

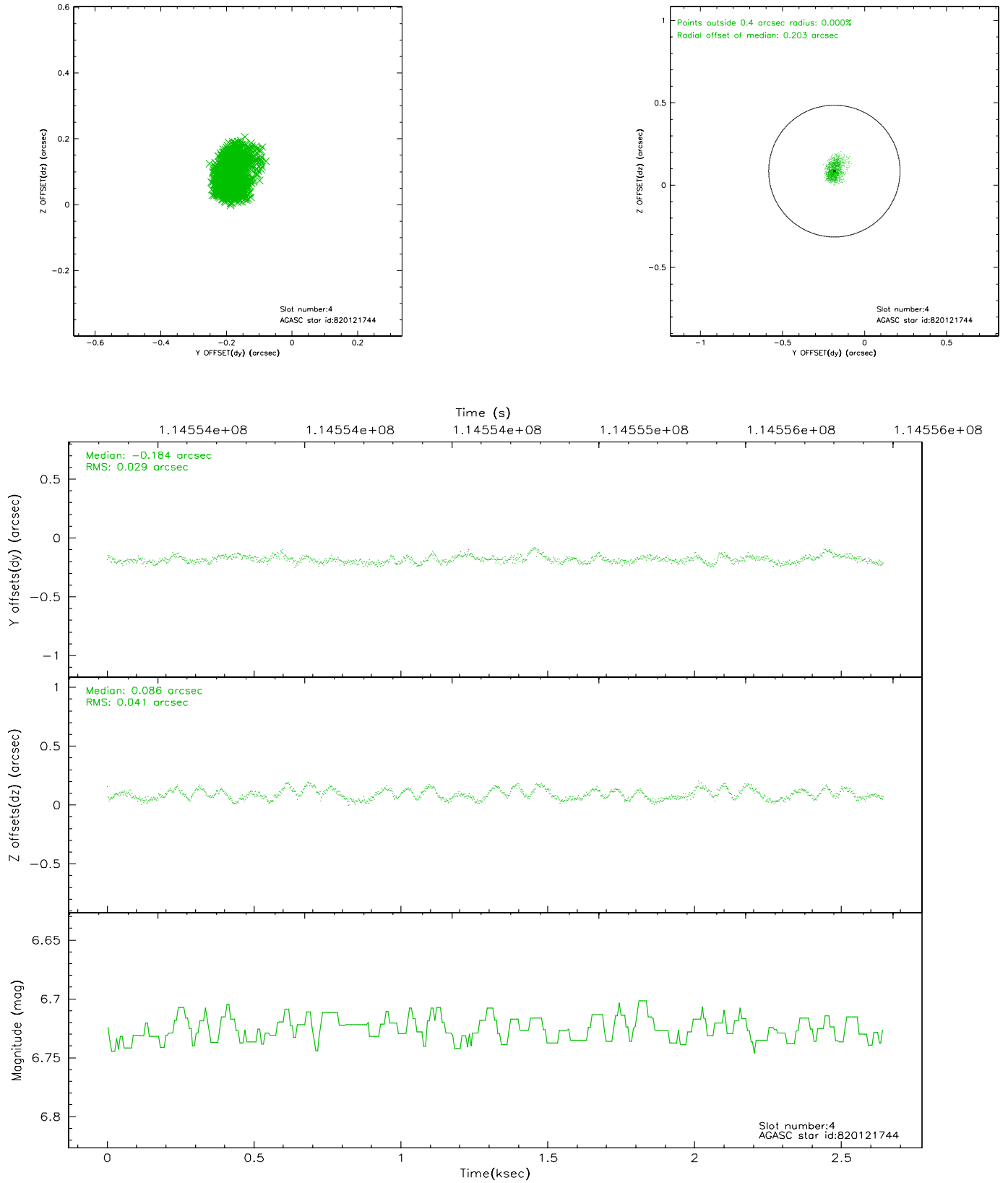
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	645	-0.009	0.032	0.007	0.013	0.000000	0.000000	-754.97	-1727.92
1	FID	ACIS-S-4	7.19	645	-0.091	-0.005	0.005	0.010	0.000000	0.000000	2157.10	178.04
2	FID	ACIS-S-5	7.23	645	0.069	-0.019	0.006	0.010	0.000000	0.000000	-1804.61	174.44
3	GUIDE	820641816	7.19	1290	0.007	-0.131	0.053	0.078	267.363435	-20.830907	1719.18	629.06
4	GUIDE	820121744	6.73	1290	-0.184	0.086	0.054	0.086	267.173633	-19.779615	-2026.71	-203.38
5	GUIDE	820644080	7.42	1290	0.196	-0.047	0.049	0.080	266.880829	-20.837335	1825.23	-991.45
6	GUIDE	820119168	8.06	1289	-0.170	-0.016	0.064	0.101	267.932854	-19.779597	-2153.45	2364.16
7	GUIDE	820644800	8.87	1288	0.149	0.104	0.056	0.093	267.803773	-20.964535	2125.46	2134.00

2.4 Star Slots

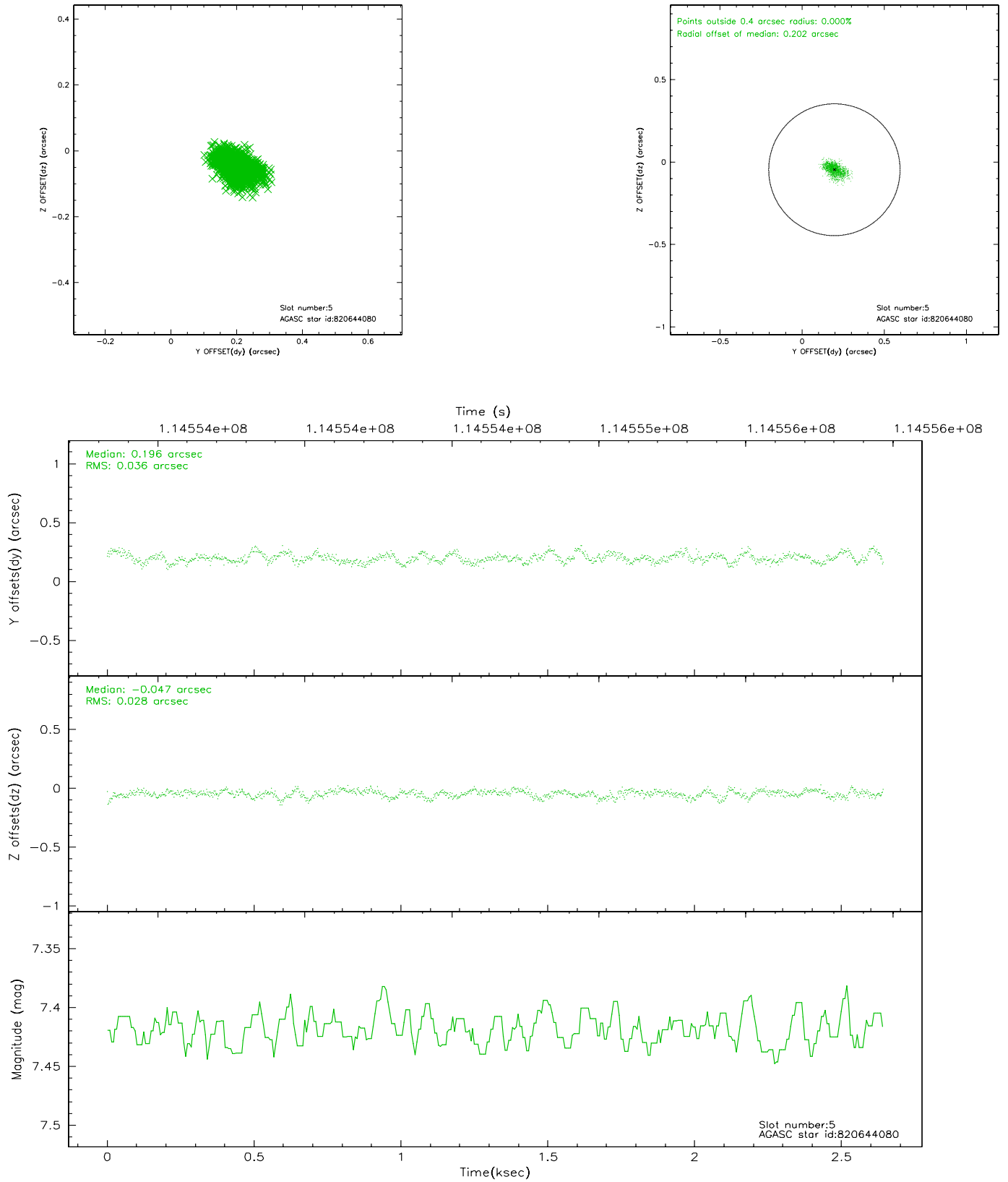
2.4.1 Slot 3



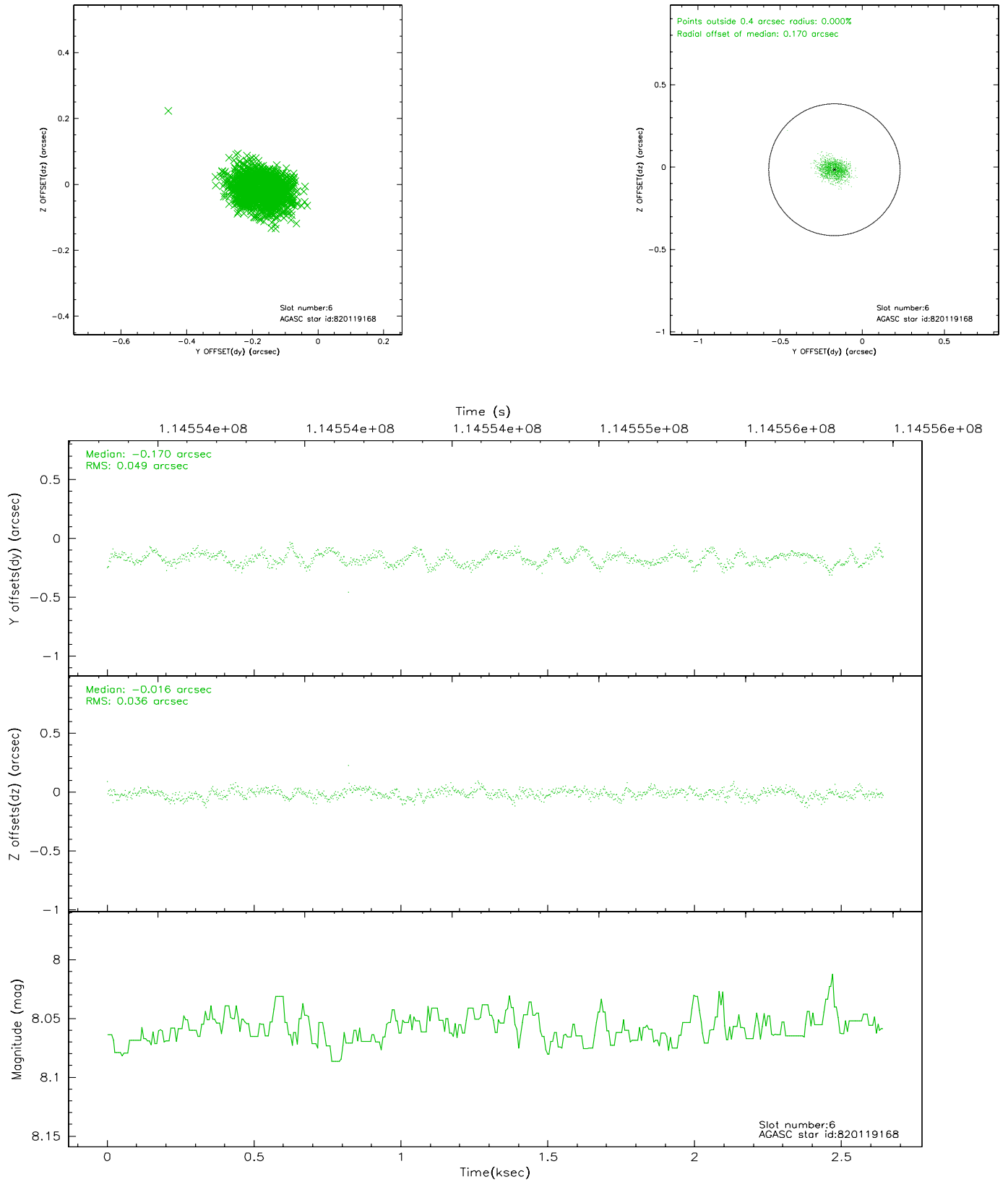
2.4.2 Slot 4



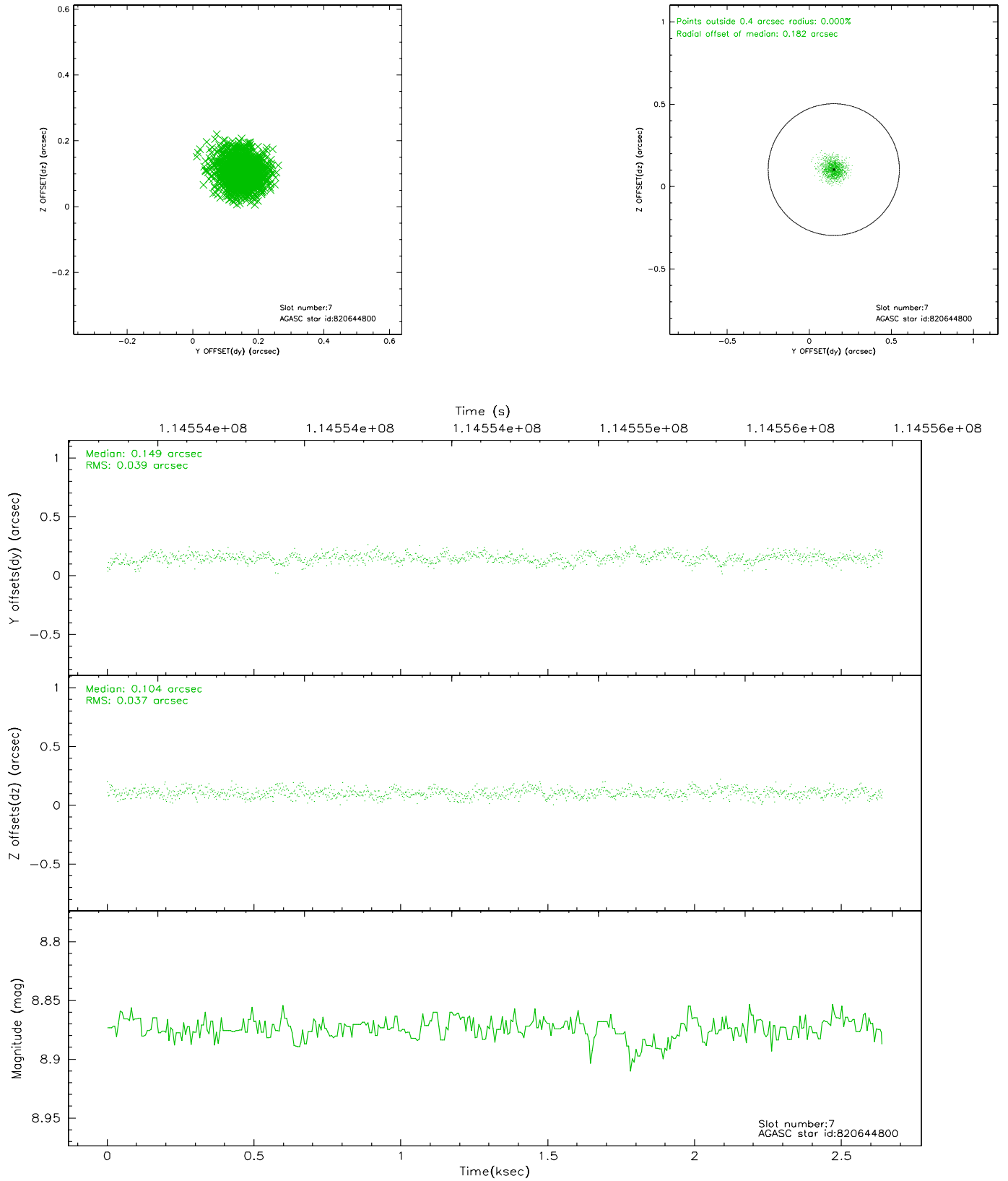
2.4.3 Slot 5



2.4.4 Slot 6

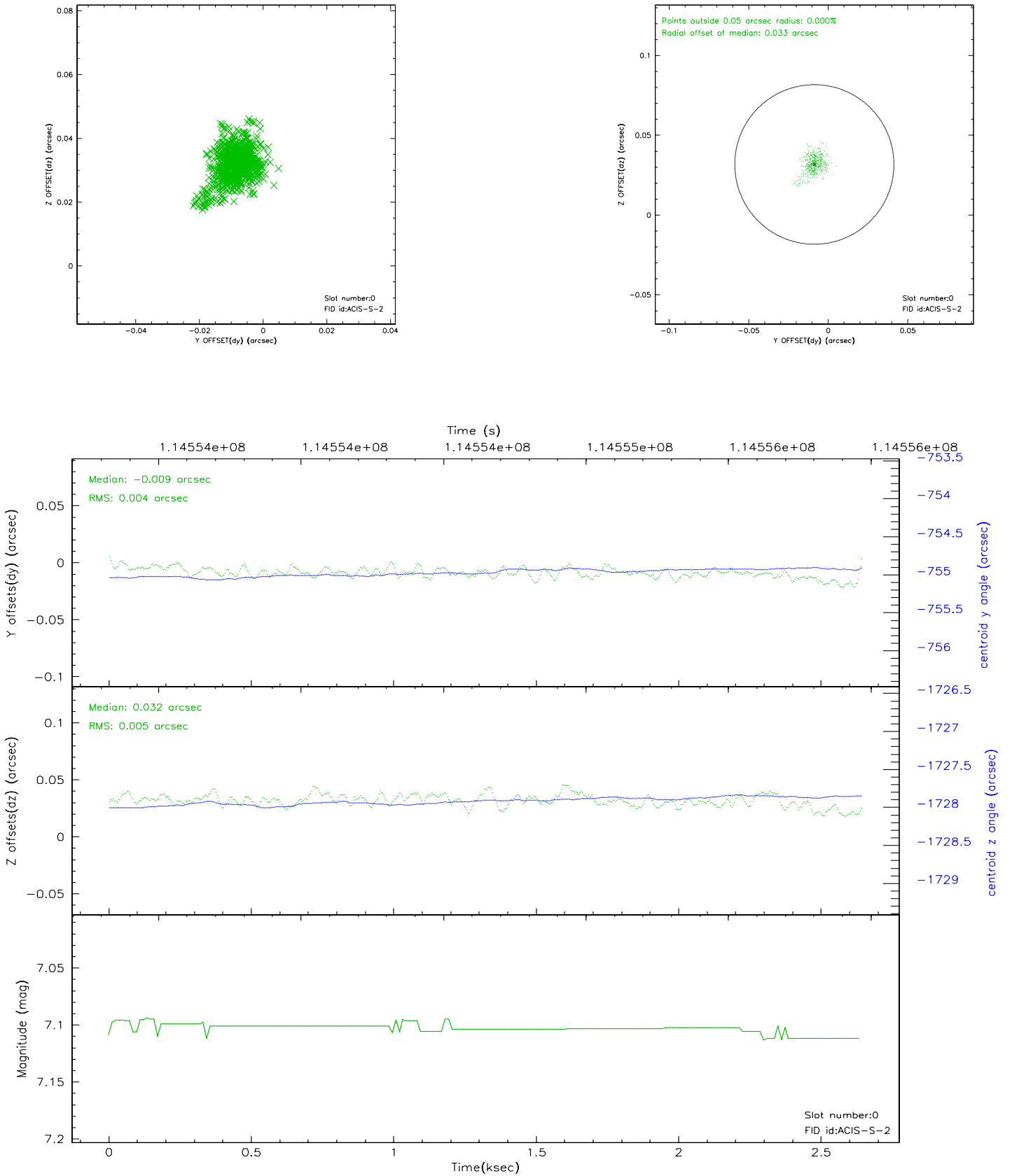


2.4.5 Slot 7

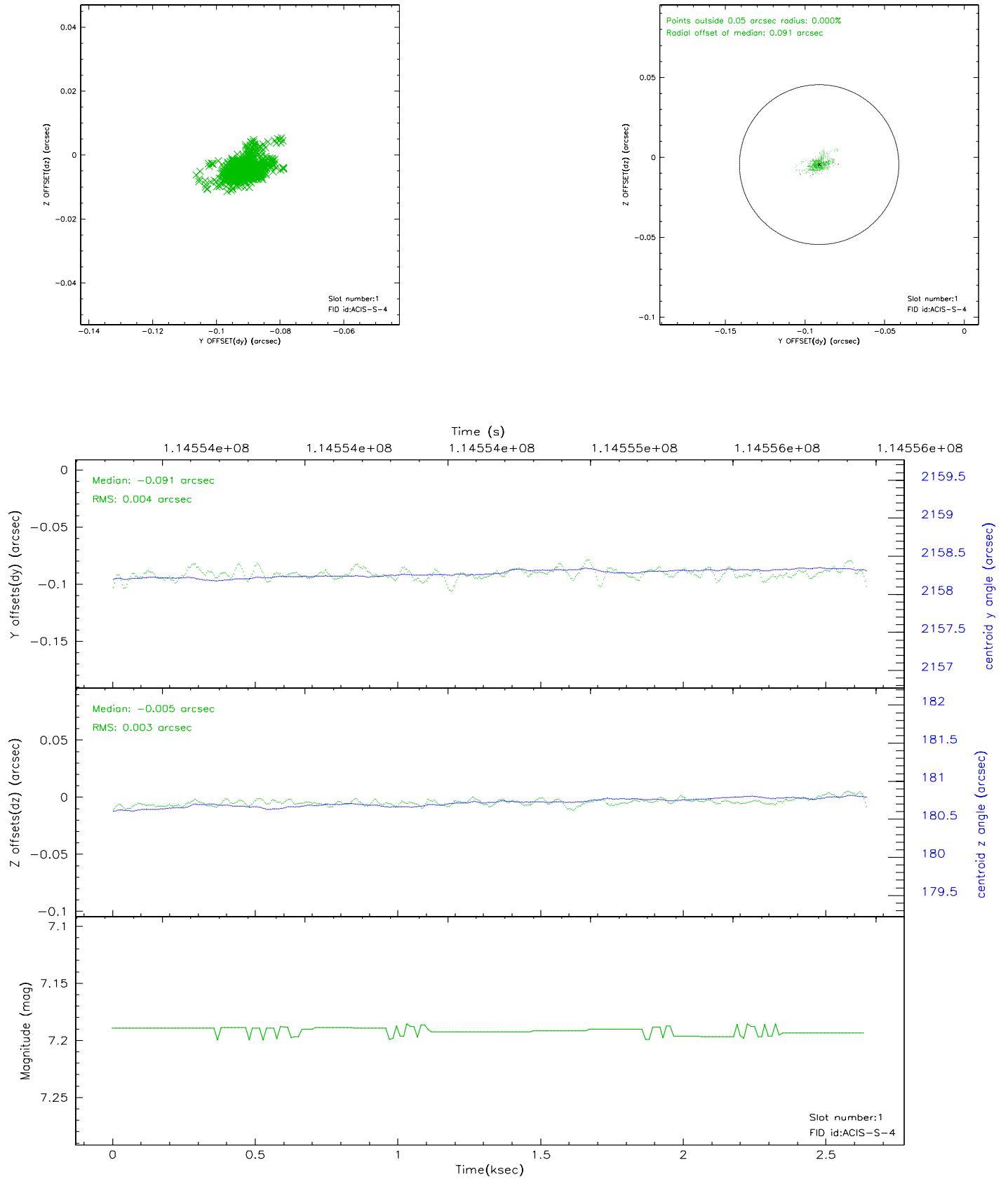


2.5 FID Slots

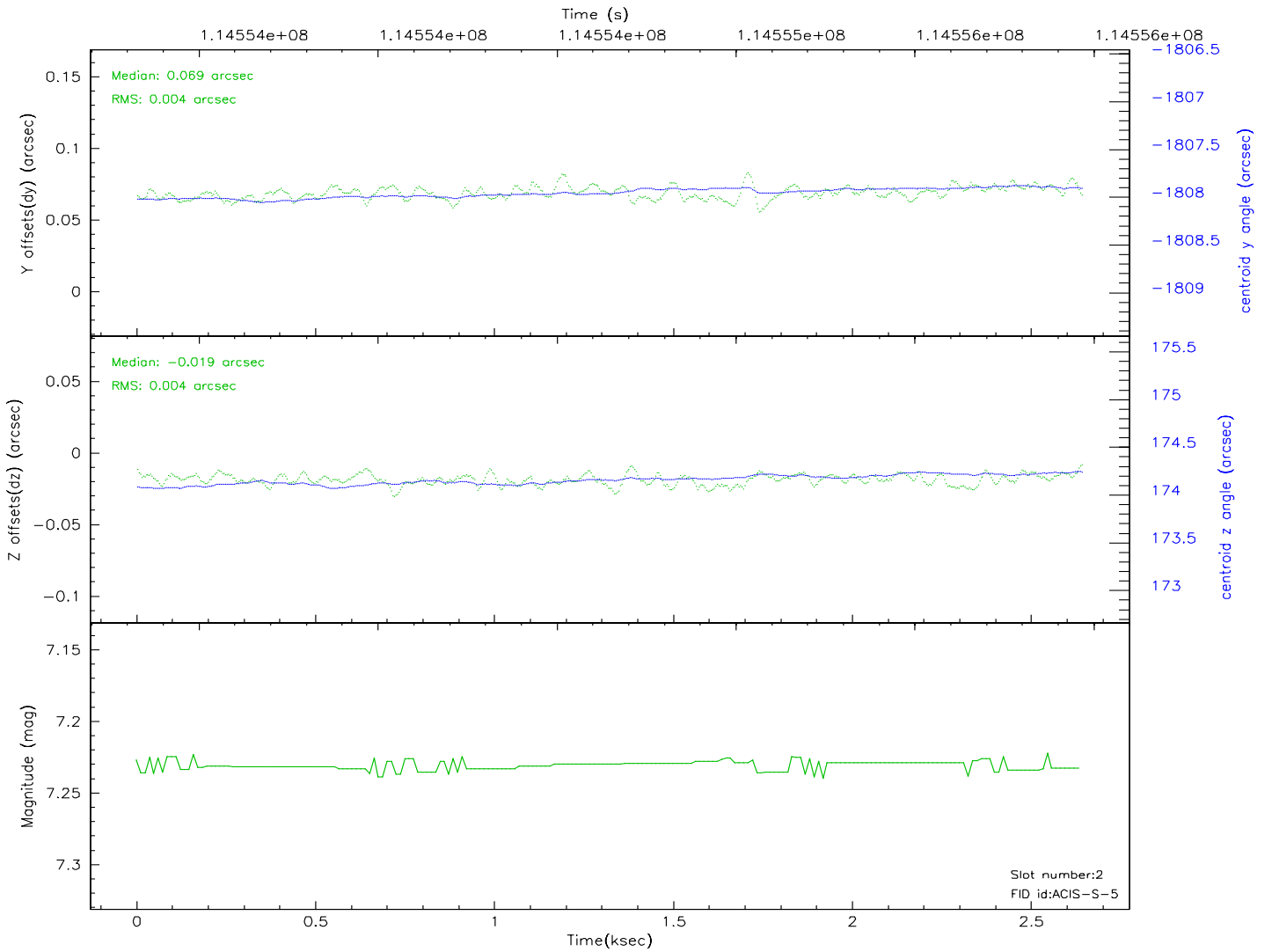
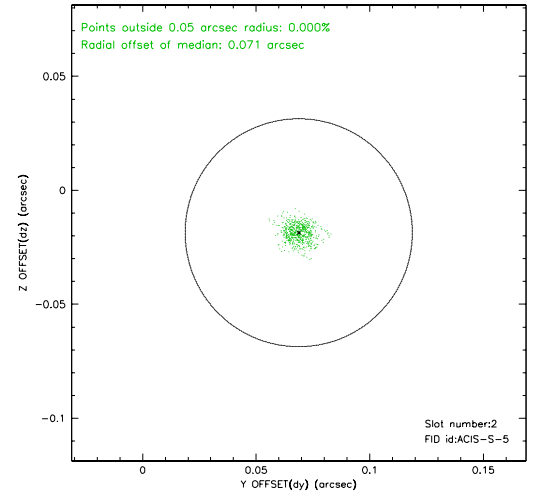
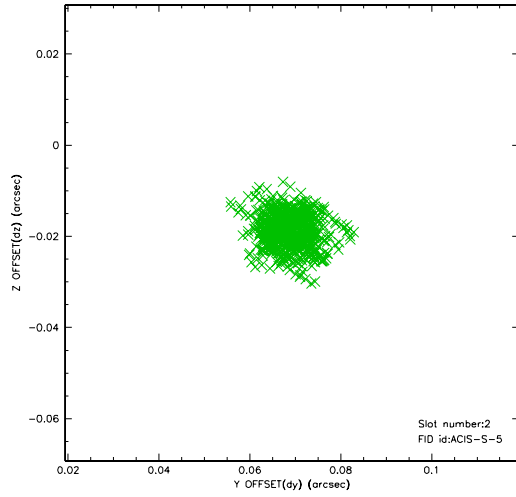
2.5.1 Slot 0



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)	2006.12.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.641

A.2 Comments

Source has some pile-up.