

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6367 - L2 Version 002
Chandra X-Ray Center

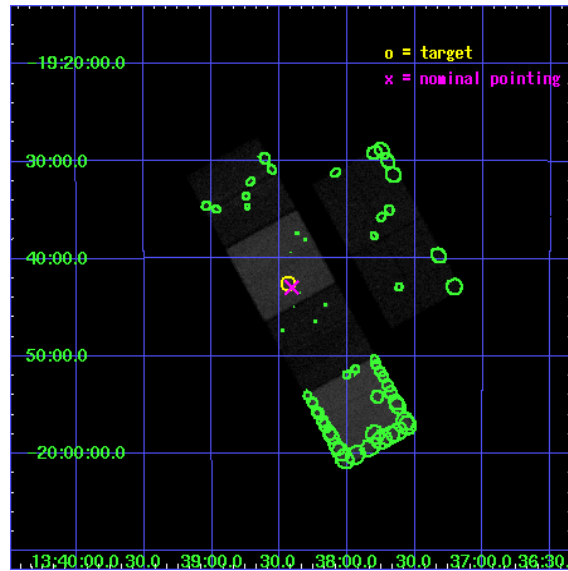
L2 Processing Date : Mar 23 2006

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1 Front

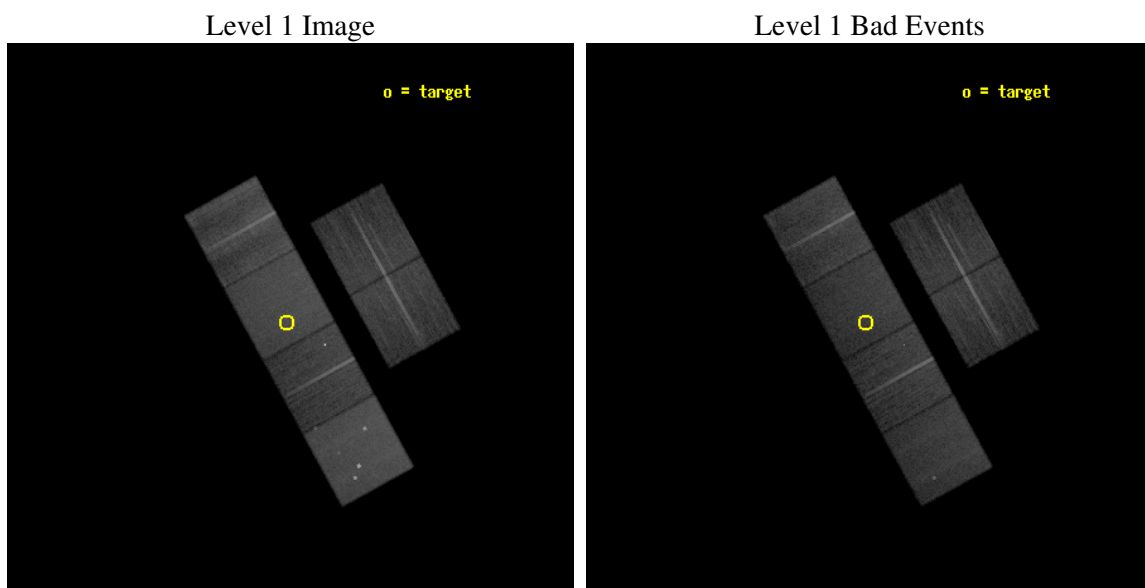
seq_num	701157
obs_id	6367
title	The evolution of AGN: Chandra Imaging of protoclusters associated with high redshift radio galaxies
observer	Dr Laura Pentericci
object	tnj1338-194
dtcycle	0
cycle	P
ra_targ	204.60875
dec_targ	-19.708639
ra_nom	204.6022964968
dec_nom	-19.71614016573
roll_nom	241.15444103699
revision	2
ontime	23948.799910784
livetime	23645.545786077
ontime2	23948.799910784
ontime3	23948.799910784
ontime5	23948.799910784
ontime6	23948.799910784
ontime7	23948.799910784
ontime8	23948.799910784
l2events	303807



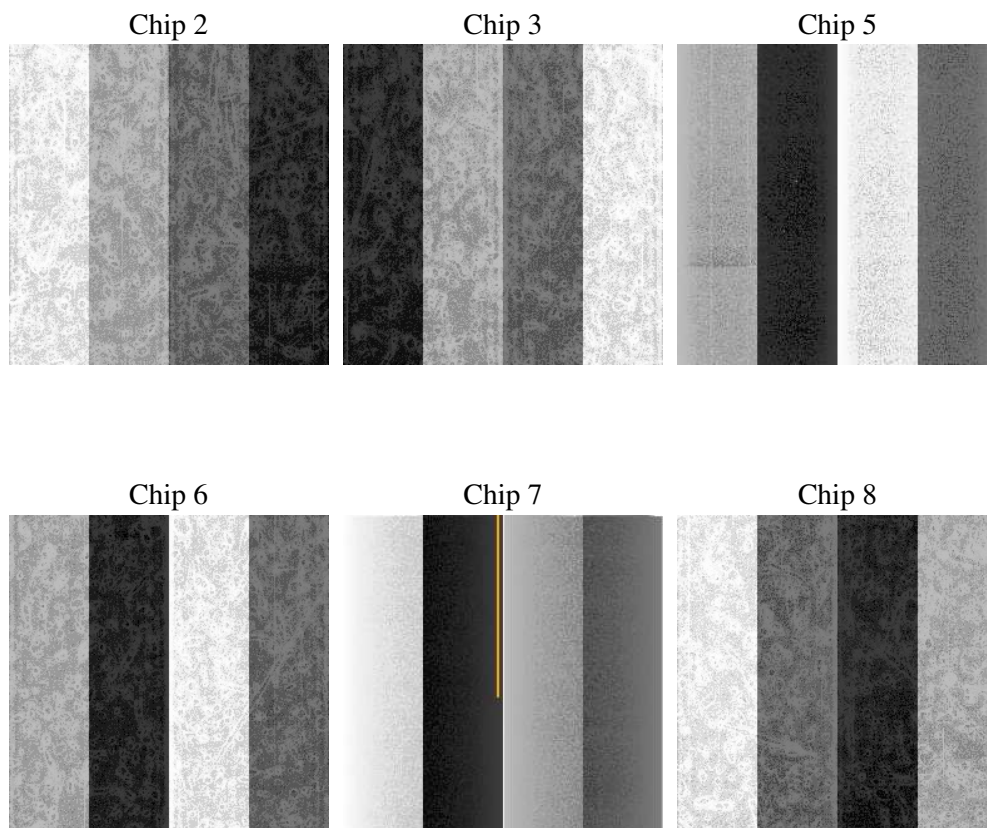
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-23T15:02:01
revision	2

sched_exp_time	23765.497000
ontime	24219.997742265
ontime2	24219.997722387
ontime3	24219.997722387
ontime5	24219.997722387
ontime6	24219.997722387
ontime7	24219.997742265
ontime8	24219.997722387
l1events	1338797

2.1.4 Events

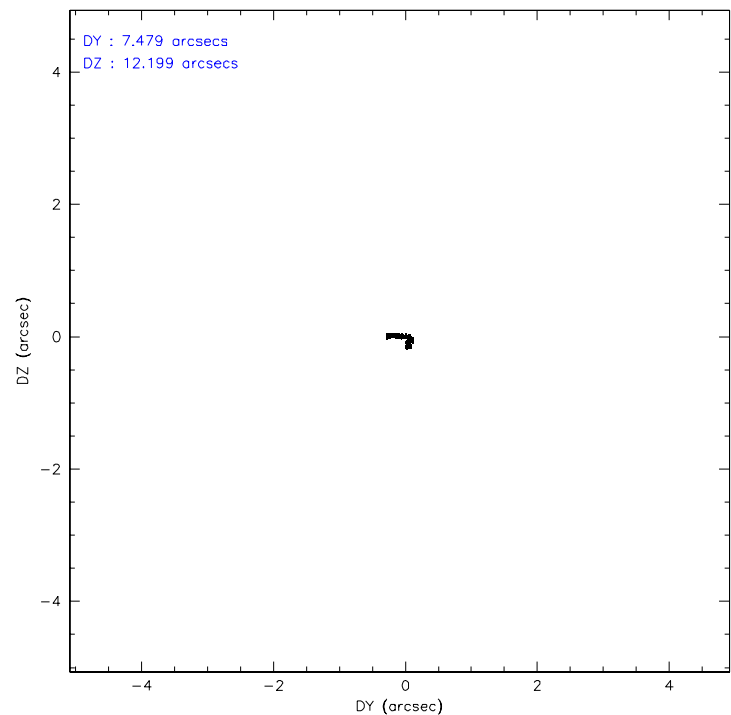
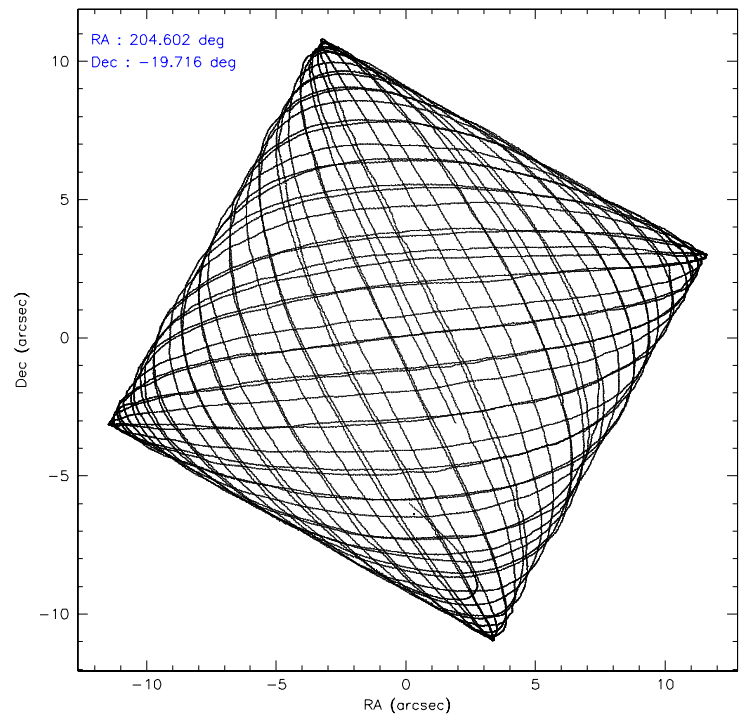
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	185765	178452	283451	197328	251744	242057
rejected events	162873	156338	155521	164518	155198	181793
rejected %	87%	87%	54%	83%	61%	75%

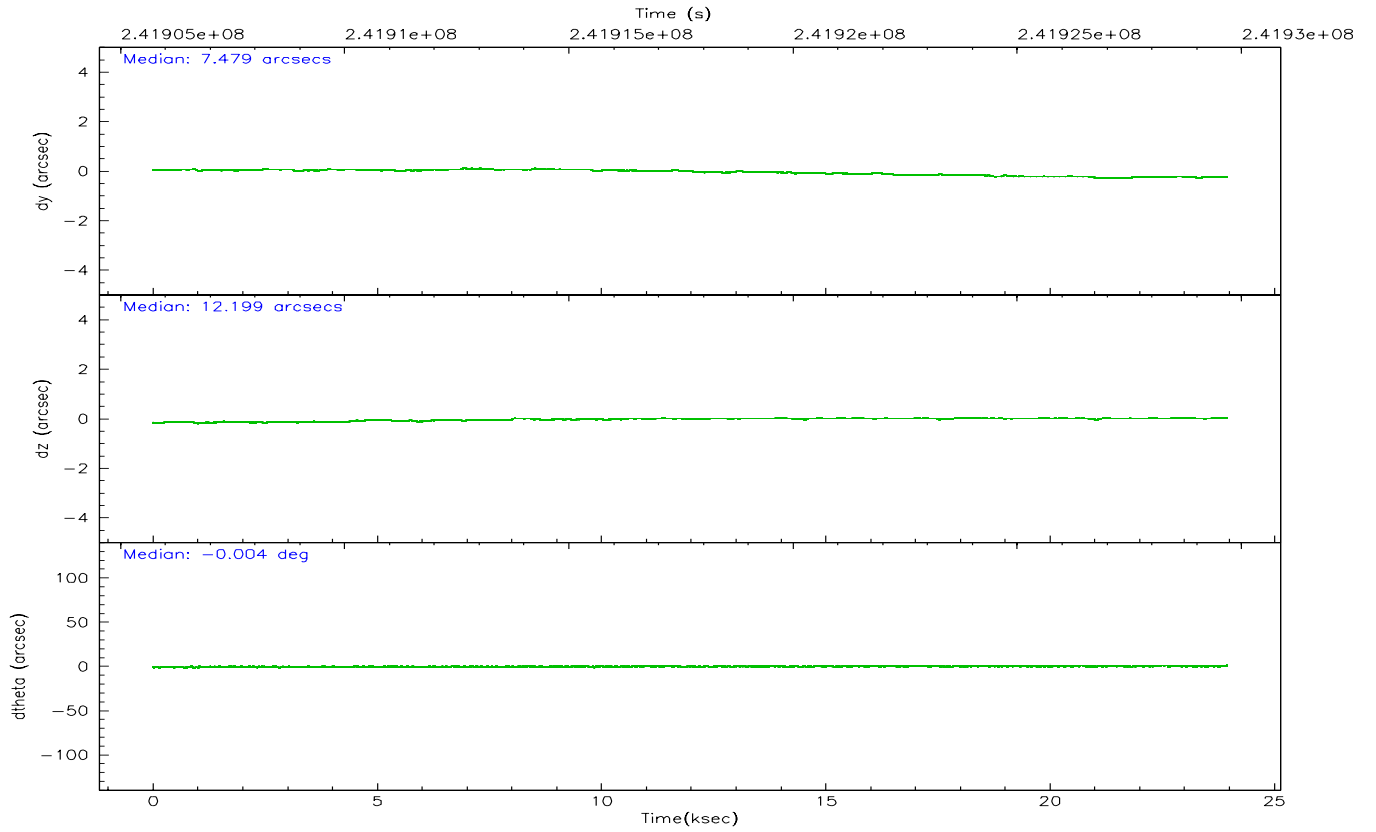
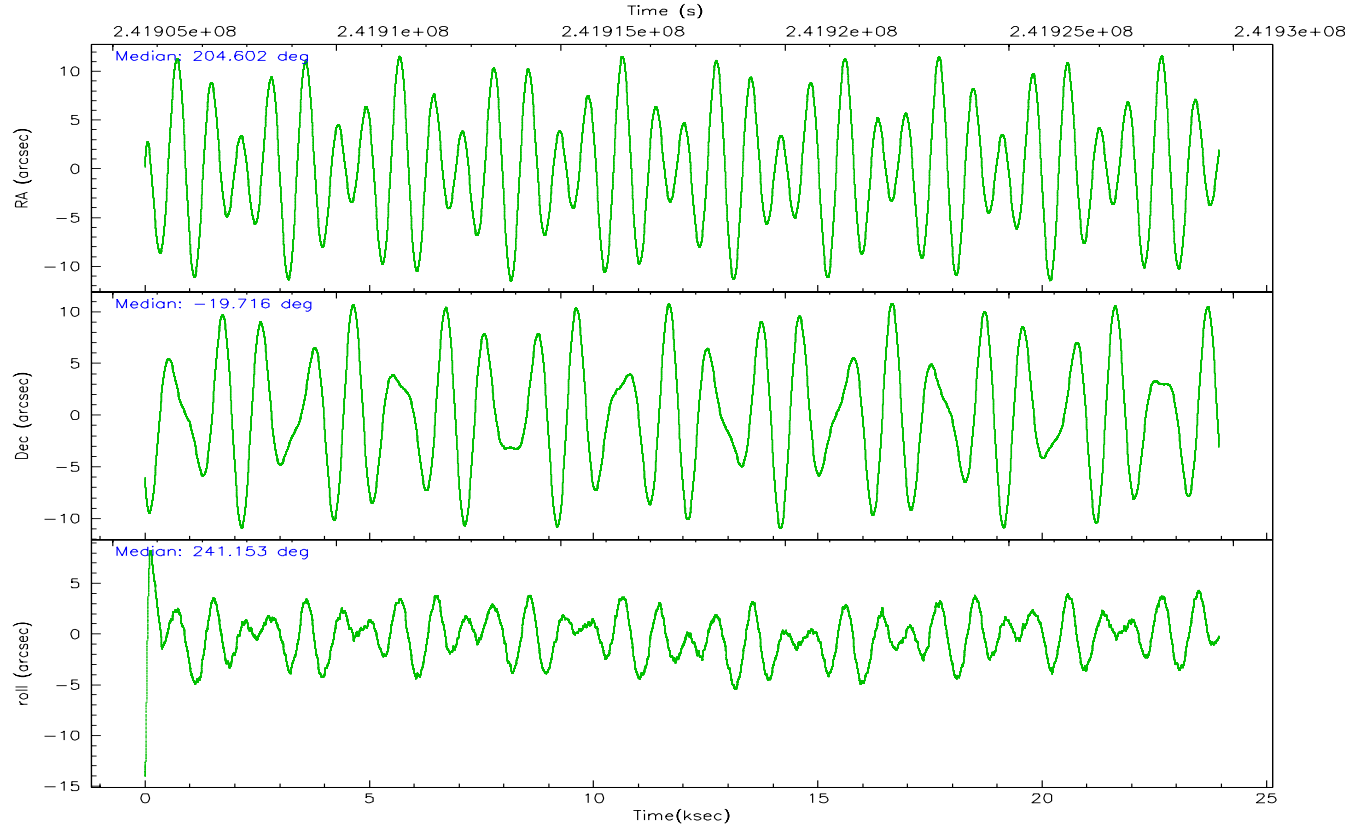
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10491	9739	13518	17252	5498	20420
	5%	5%	4%	8%	2%	8%
grade 1 events	127	118	282	420	143	203
	0%	0%	0%	0%	0%	0%
grade 2 events	4810	4513	39577	6162	24505	12086
	2%	2%	13%	3%	9%	4%
grade 3 events	2036	2089	2978	2414	4562	7495
	1%	1%	1%	1%	1%	3%
grade 4 events	2092	2126	2623	2400	4477	6910
	1%	1%	0%	1%	1%	2%
grade 5 events	7284	8087	13147	8531	15606	11246
	3%	4%	4%	4%	6%	4%
grade 6 events	3725	3901	70653	4881	58580	13816
	2%	2%	24%	2%	23%	5%
grade 7 events	155200	147879	140673	155268	138373	169881
	83%	82%	49%	78%	54%	70%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	204.601322	204.6022964968009	Alternating exposures requested	N	N
Pointing Dec	-19.688941	-19.71614016573029	Primary exposure time	0.000000	3.2
Pointing Roll	240.997497	241.1544410369931			
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	241905911.184000	241904706.05416			
Observation start date	2005-08-31T20:04:07	2005-08-31T19:45:06			
Observation end time	241929677.184000	241929901.06781			
Observation end date	2005-09-01T02:40:13	2005-09-01T02:45:01			
Read mode	TIMED	TIMED			

2.3 Aspect



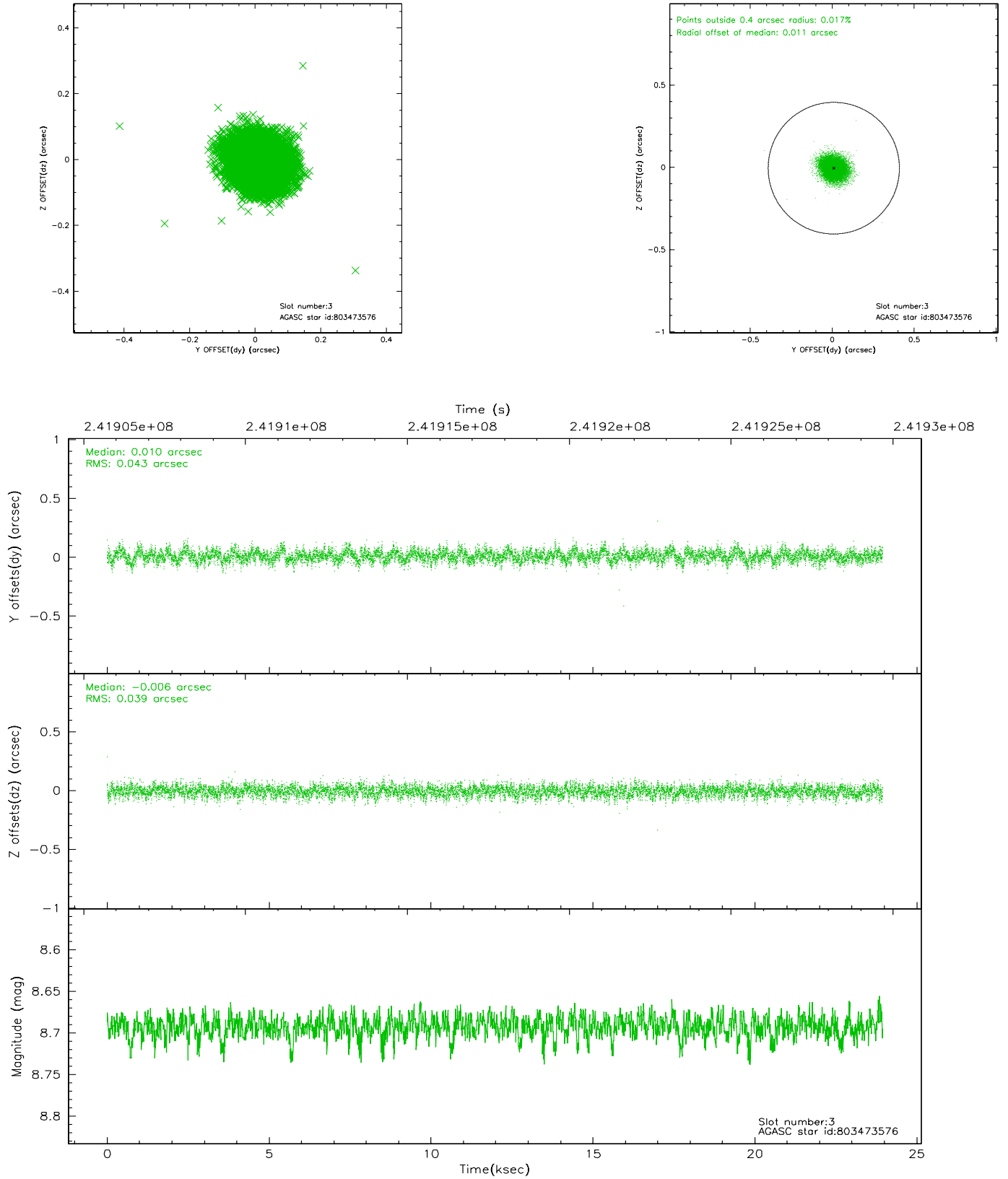


Slot Statistics

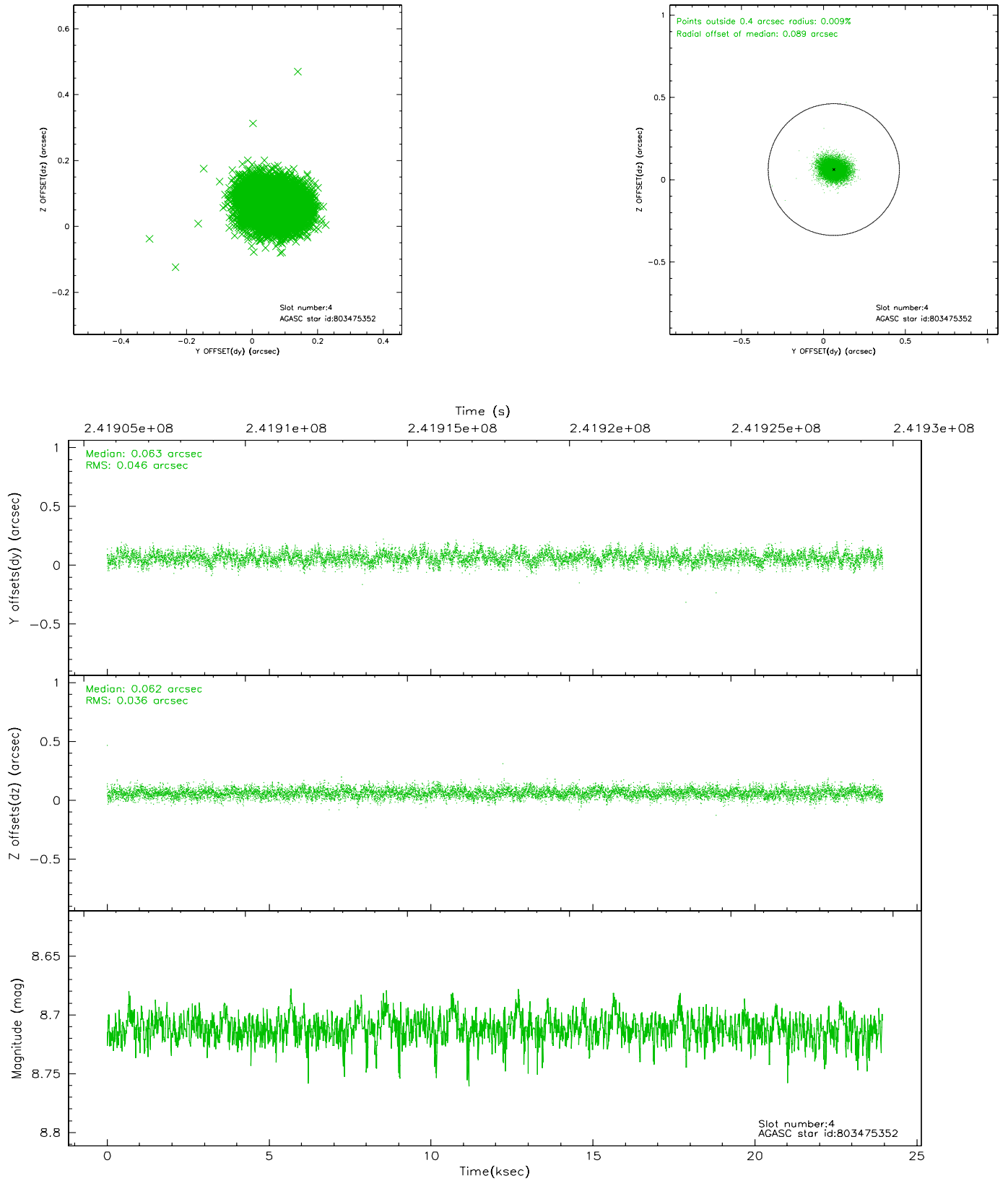
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5842	-0.010	-0.011	0.007	0.011	0.000000	0.000000	-760.20	-1733.43
1	FID	ACIS-S-4	7.20	5840	0.036	0.008	0.006	0.011	0.000000	0.000000	2153.06	174.93
2	FID	ACIS-S-5	7.23	5842	-0.058	0.012	0.008	0.013	0.000000	0.000000	-1812.92	168.76
3	GUIDE	803473576	8.69	11680	0.010	-0.006	0.062	0.100	204.786653	-19.629287	-491.82	445.63
4	GUIDE	803475352	8.71	11681	0.063	0.062	0.061	0.101	204.581068	-20.424462	2349.23	1224.43
5	GUIDE	803478152	9.27	11676	0.051	-0.022	0.098	0.152	204.365662	-19.814132	782.16	-479.02
6	GUIDE	803479488	8.80	11680	-0.136	-0.057	0.078	0.122	204.540045	-19.188743	-1473.53	-1055.36
7	GUIDE	803476576	8.70	11682	0.012	0.022	0.065	0.103	204.800868	-19.708520	-265.74	625.71

2.4 Star Slots

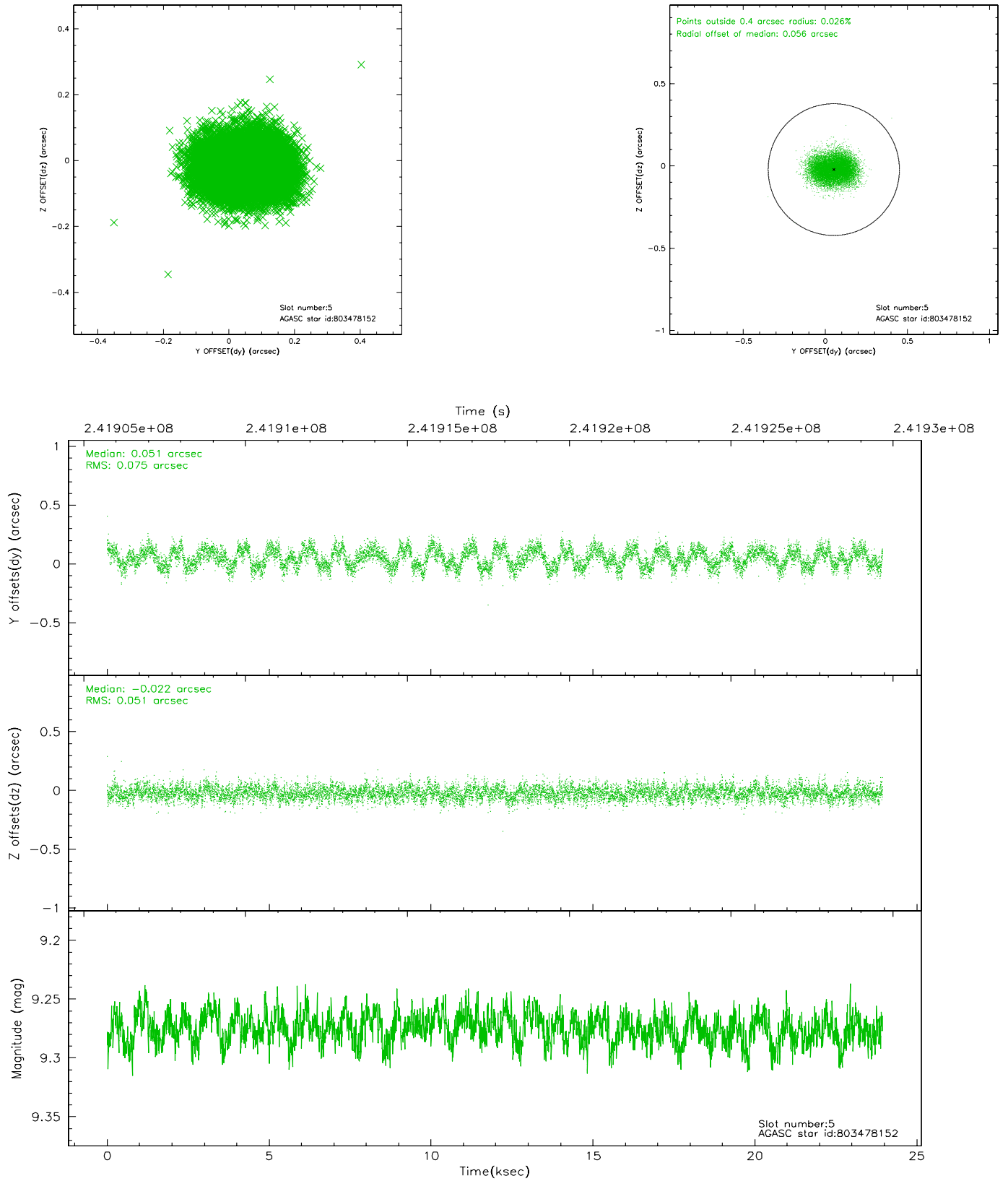
2.4.1 Slot 3



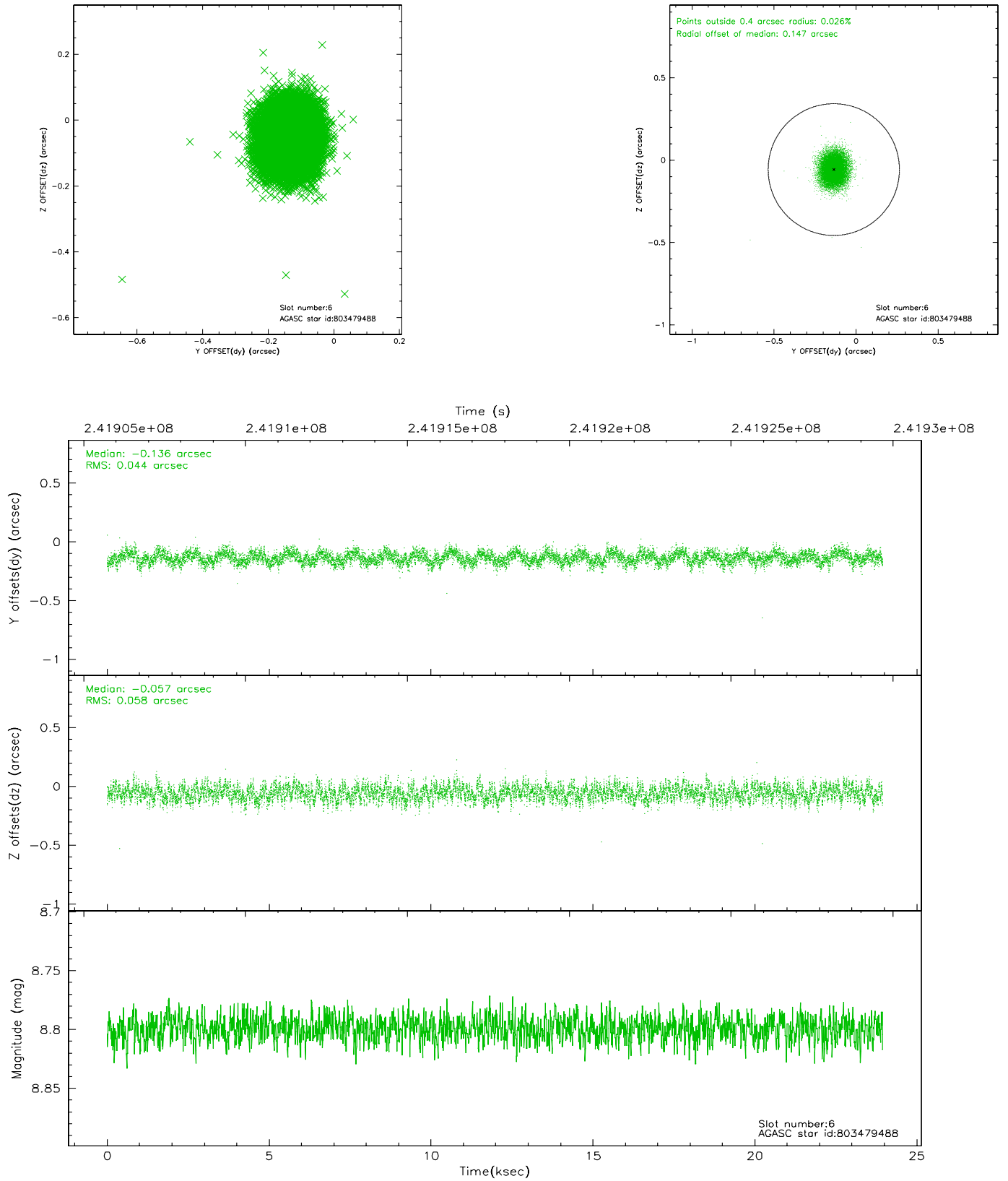
2.4.2 Slot 4



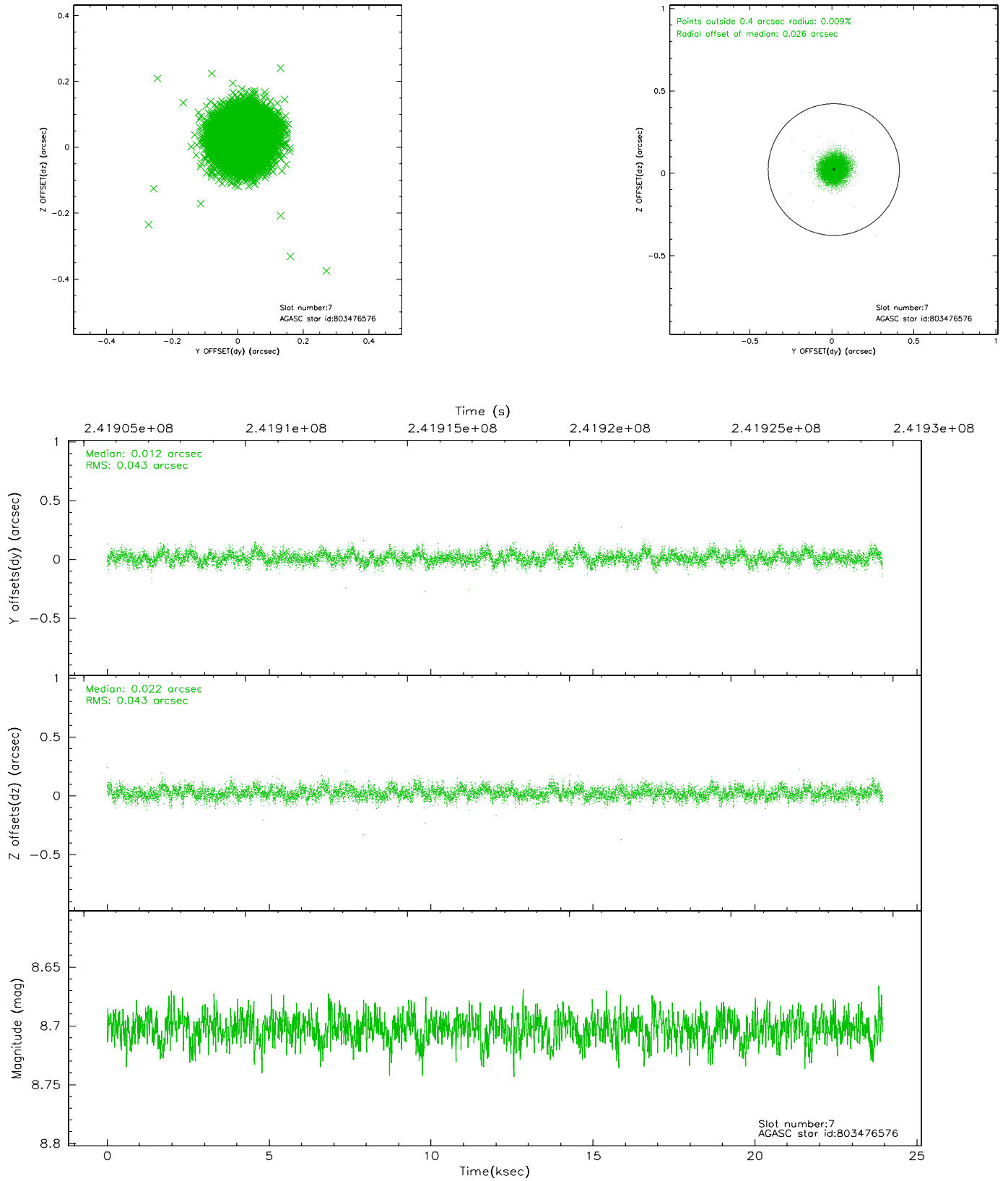
2.4.3 Slot 5



2.4.4 Slot 6

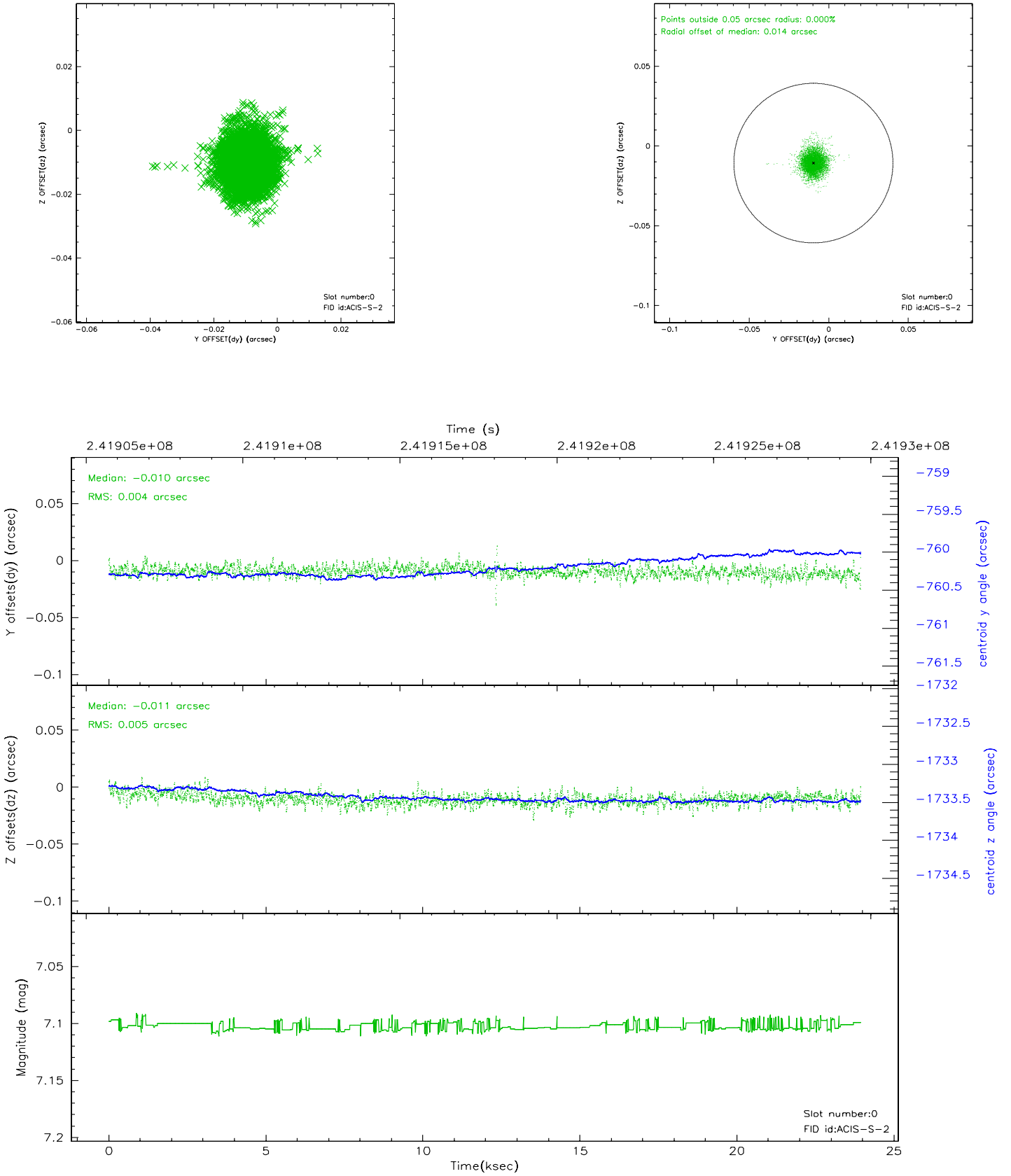


2.4.5 Slot 7

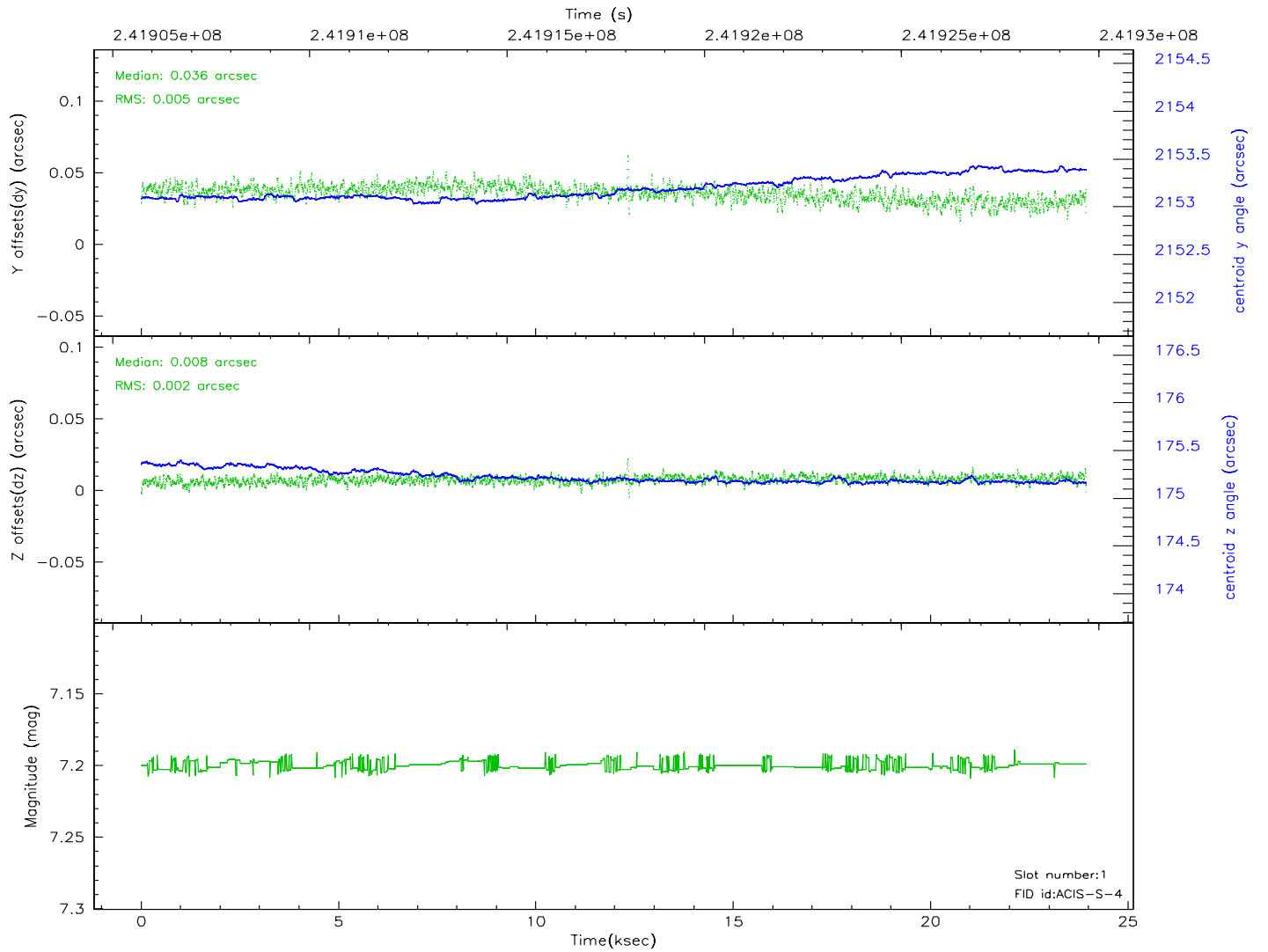
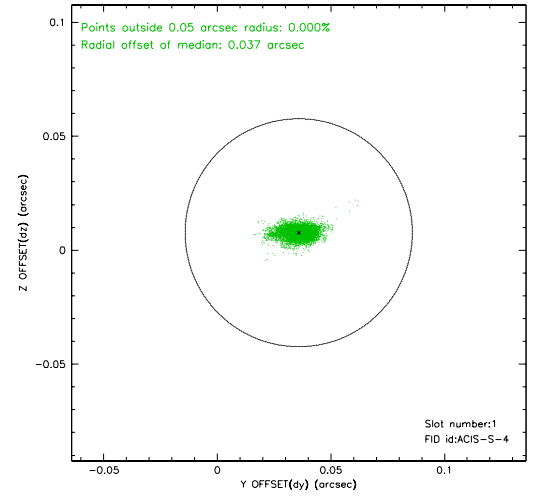
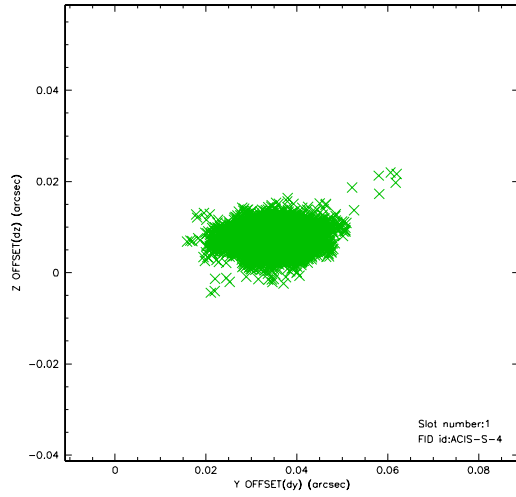


2.5 FID Slots

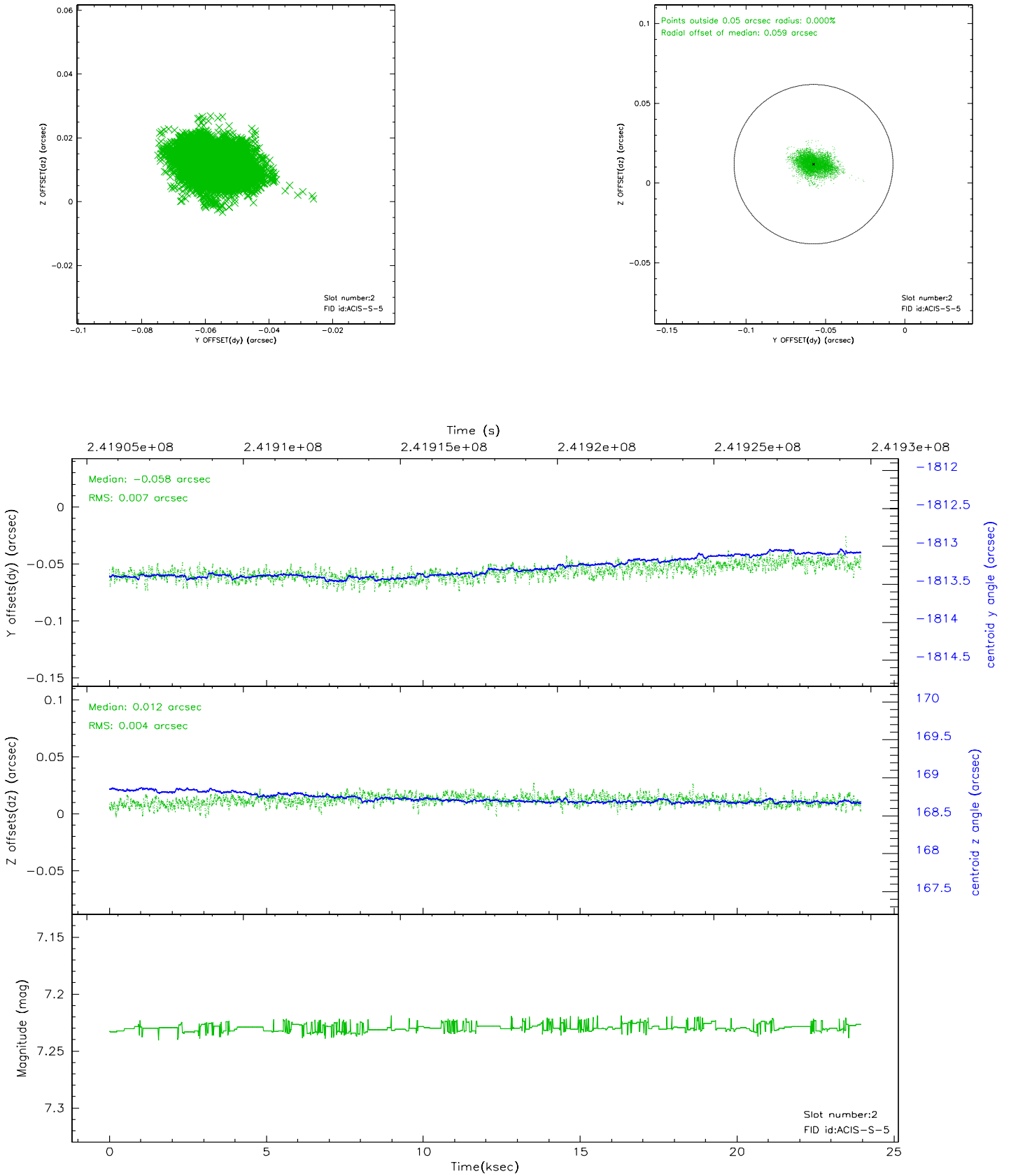
2.5.1 Slot 0



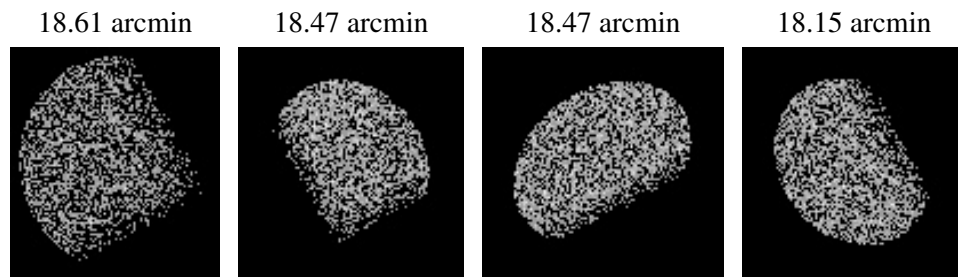
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	23.94879

A.2 Comments

Modest rise in radiation environment during last 2 hours of observation may affect background during that time.