

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2174 - L2 Version 001
Chandra X-Ray Center

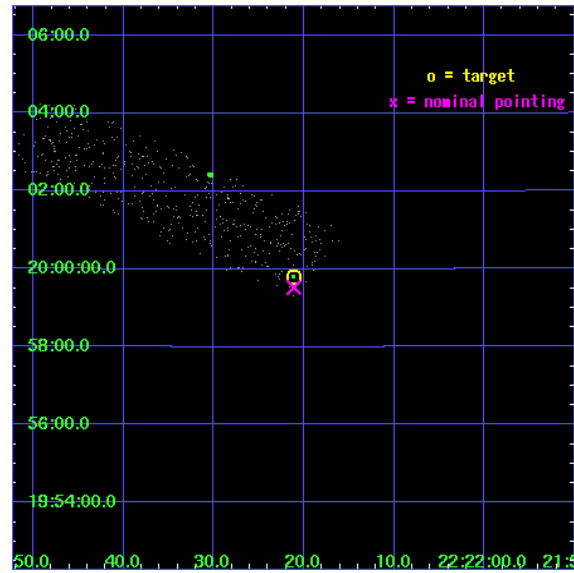
L2 Processing Date : Jan 21 2007

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1 Front

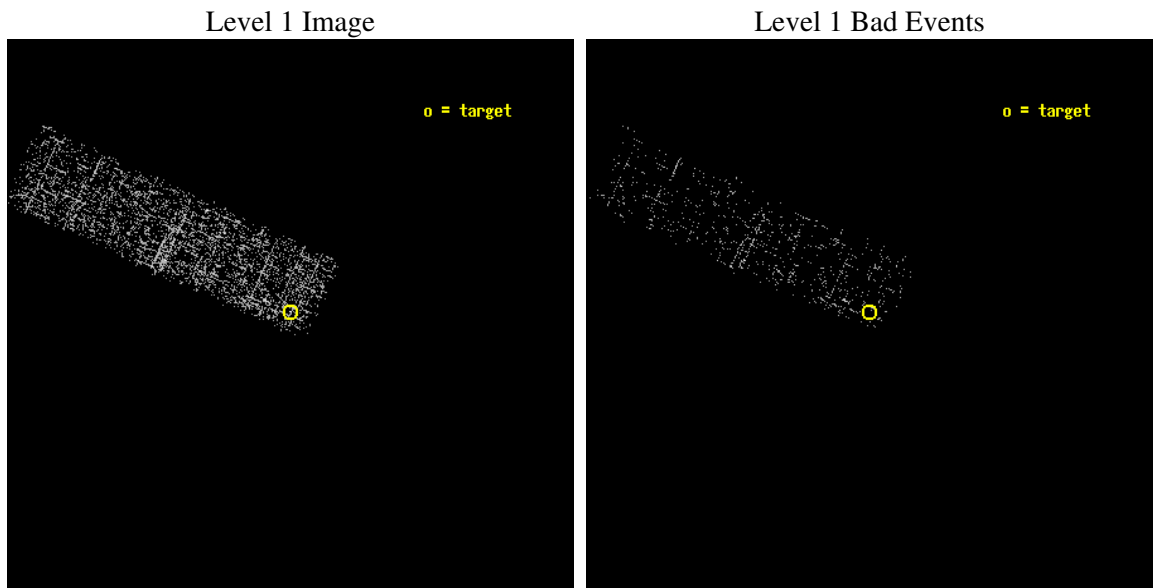
seq_num	700364
obs_id	2174
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ222221+1959
dtcycle	0
cycle	P
ra_targ	335.587917
dec_targ	19.9965
ra_nom	335.58805203297
dec_nom	19.992020949142
roll_nom	294.58052903391
revision	2
ontime	2638.3589800596
livetime	2509.6156949107
ontime3	2638.3589800596
l2events	529



2 OBI

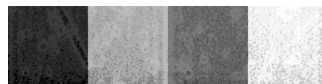
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	7
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-20T14:34:42
revision	2

sched_exp_time	2200.000000
ontime	2638.3589800596
ontime3	2638.3589800596
l1events	6433

2.1.4 Events

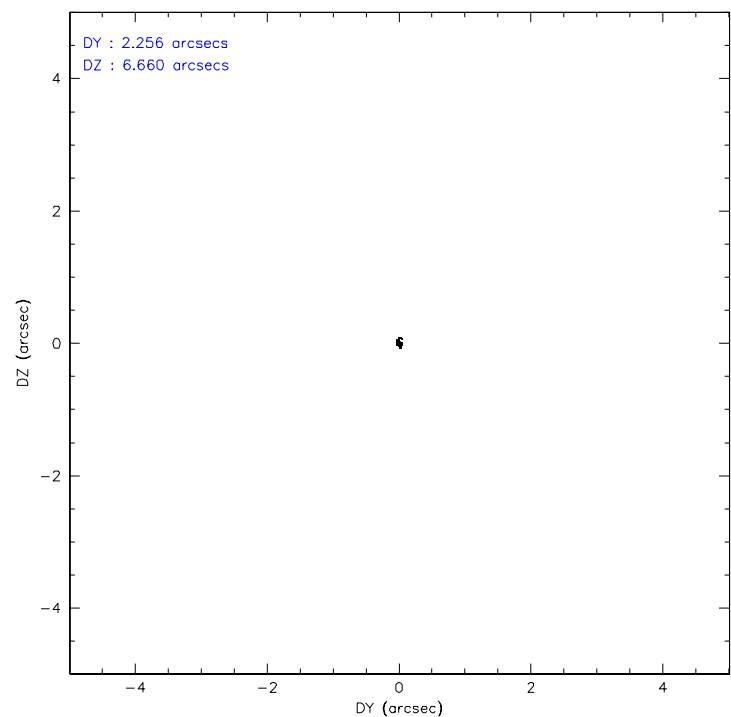
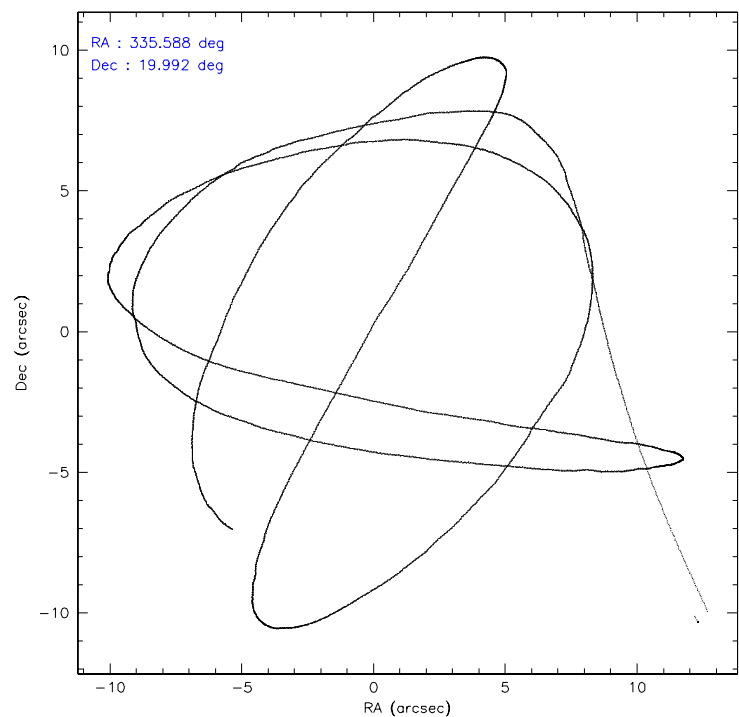
	ccd 3
level 1 events	6433
rejected events	5818
rejected %	90%

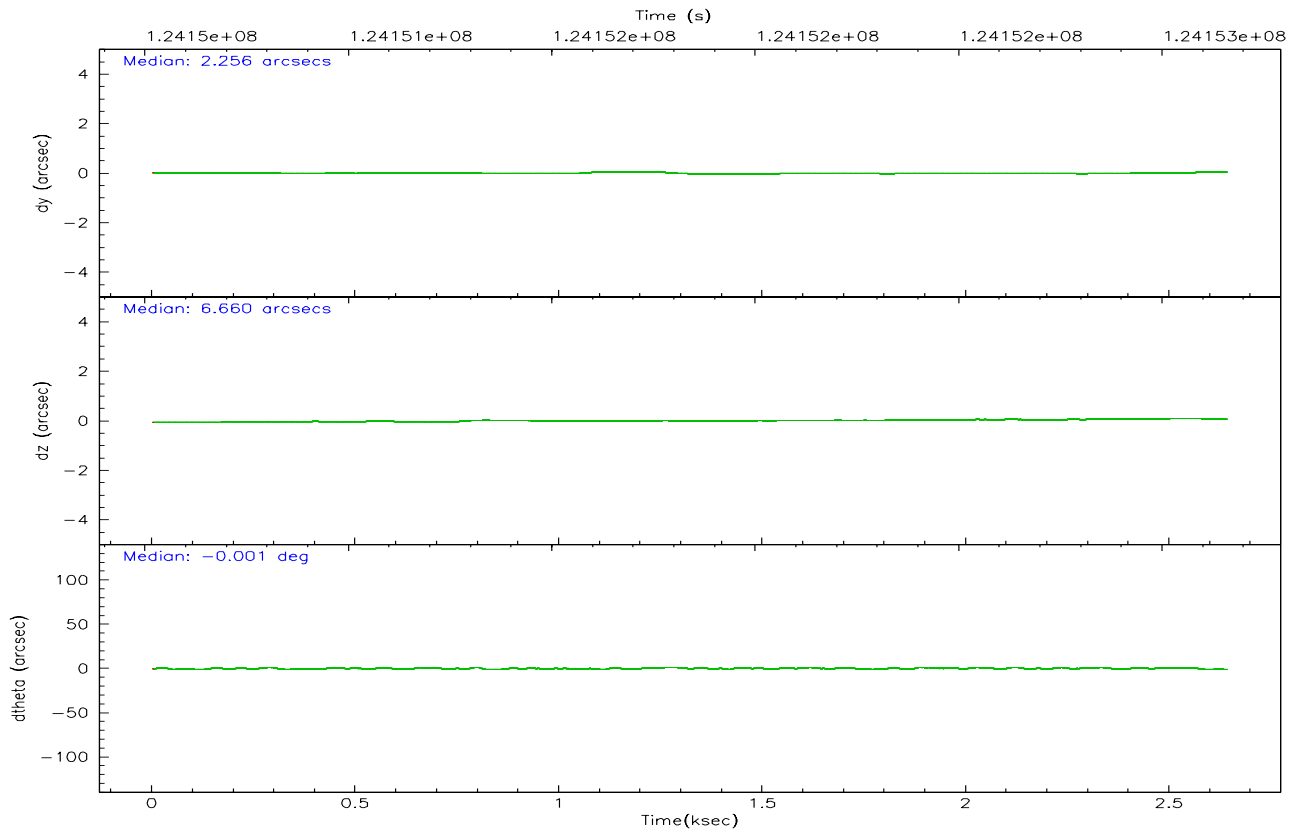
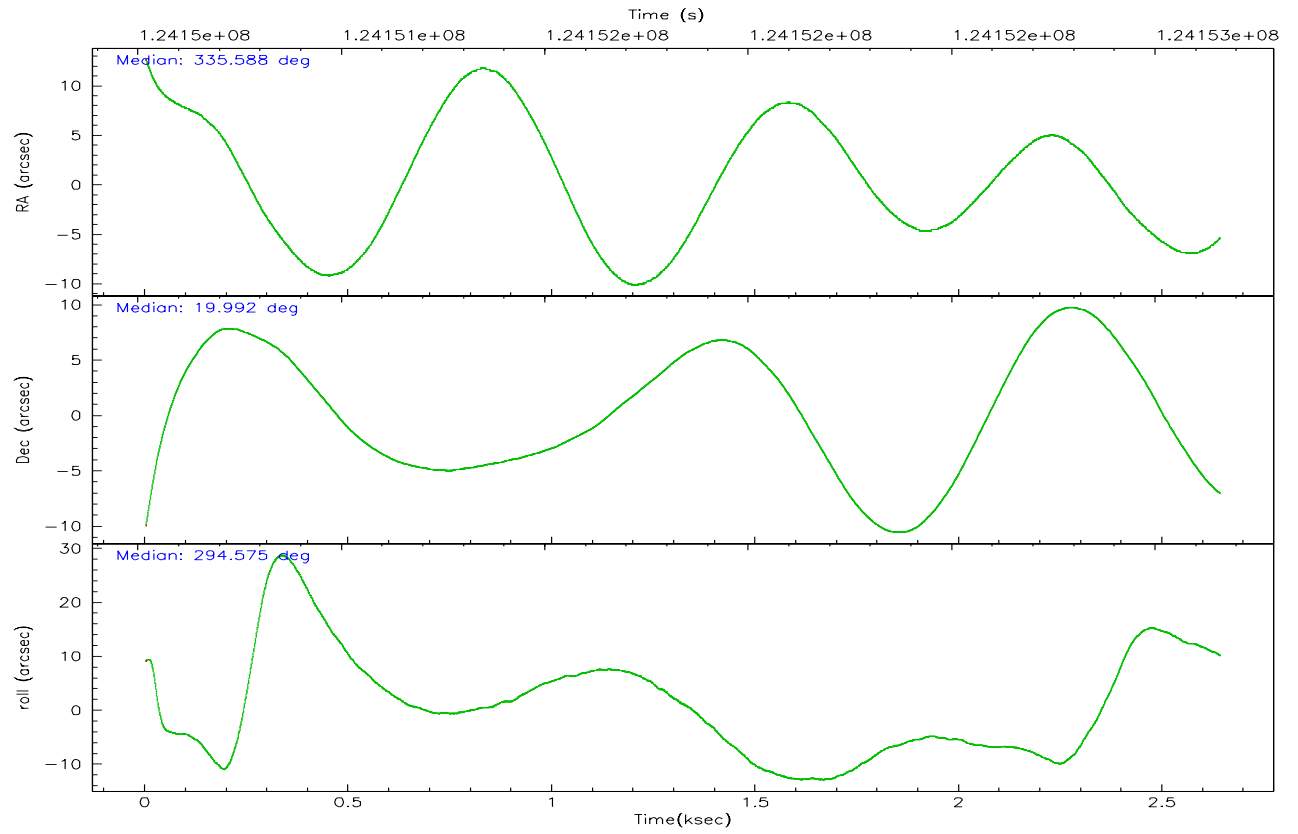
	ccd 3
grade 0 events	273
	4%
grade 1 events	1
	0%
grade 2 events	103
	1%
grade 3 events	114
	1%
grade 4 events	109
	1%
grade 5 events	193
	3%
grade 6 events	115
	1%
grade 7 events	5525
	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	335.564236	335.5880520329727	Subarray requested	1/4	1/4
Pointing Dec	20.007646	19.99202094914154	Subarray start row	0	769
Pointing Roll	294.379950	294.5805290339066	Subarray row count	1024	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	124150964.184000	124149871.97846			
Observation start date	2001-12-07T22:21:40	2001-12-07T22:04:31			
Observation end time	124153164.184000	124153732.64111			
Observation end date	2001-12-07T22:58:20	2001-12-07T23:08:52			
Read mode	TIMED	TIMED			

2.3 Aspect



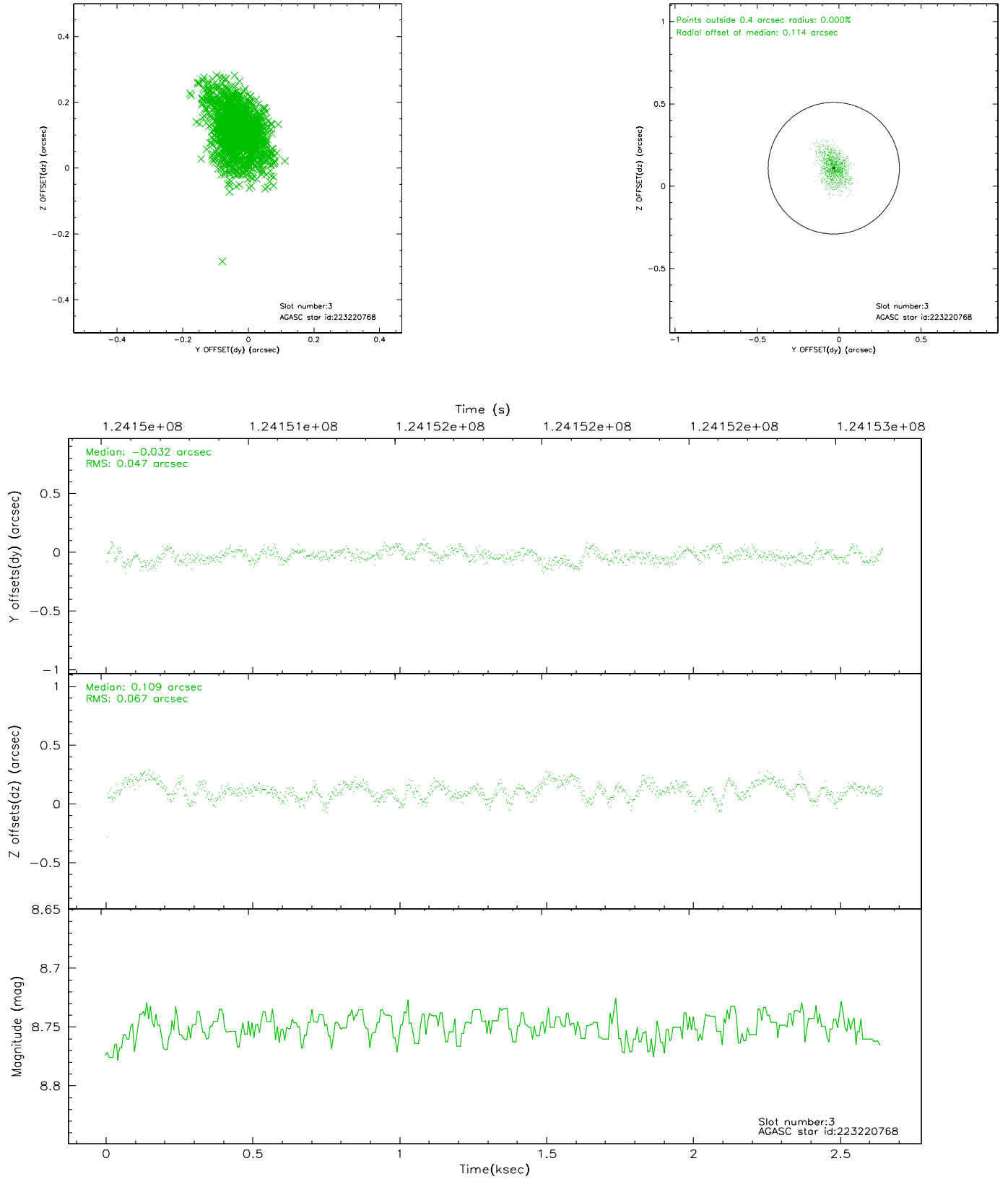


Slot Statistics

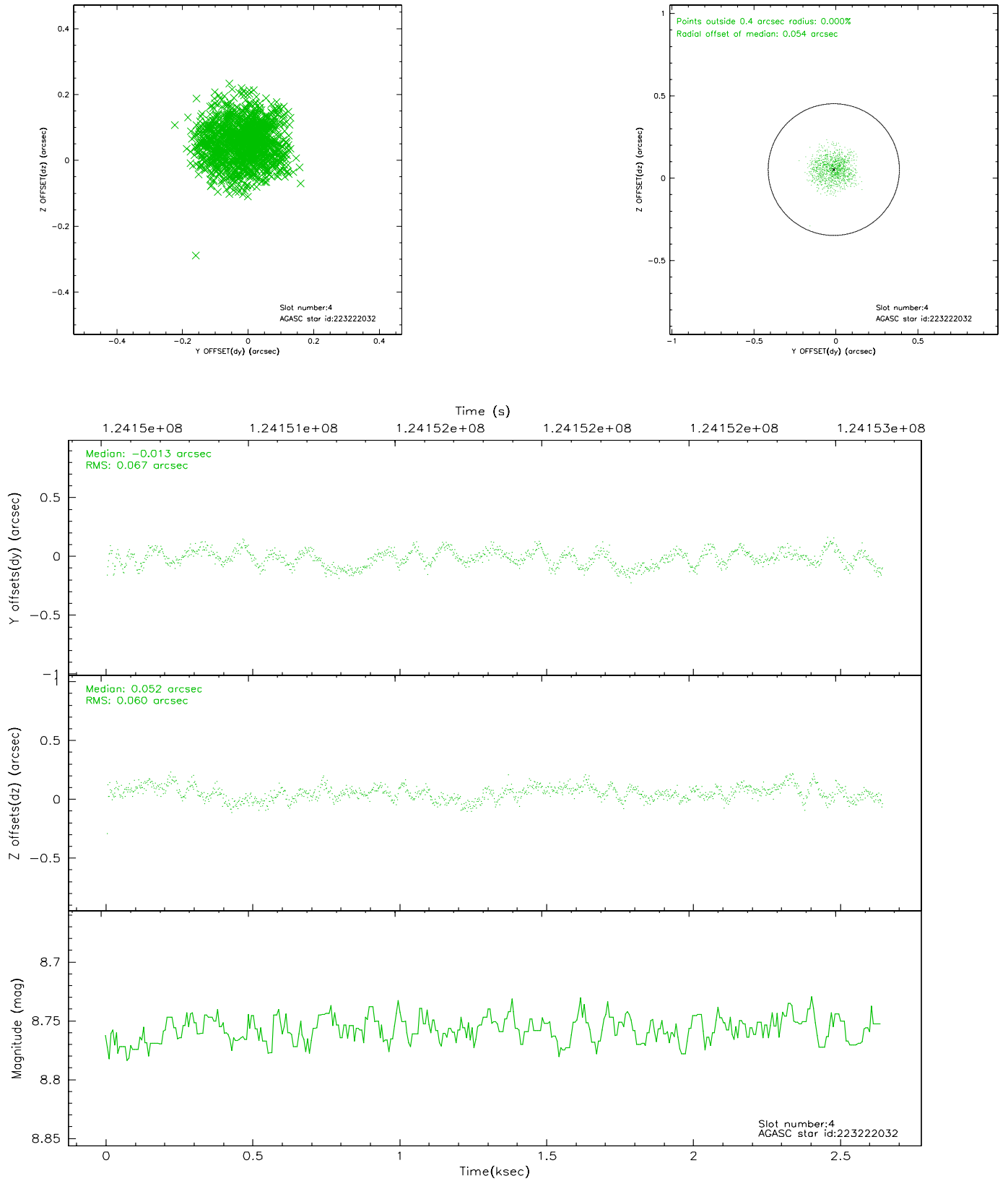
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	645	-0.029	0.045	0.006	0.010	0.000000	0.000000	937.51	-830.03
1	FID	ACIS-I-5	7.24	645	-0.006	0.038	0.006	0.010	0.000000	0.000000	-1809.17	1066.30
2	FID	ACIS-I-6	7.26	645	-0.055	-0.012	0.007	0.011	0.000000	0.000000	400.44	1713.47
3	GUIDE	223220768	8.75	1288	-0.032	0.109	0.086	0.144	336.138894	20.276133	-81.59	2167.25
4	GUIDE	223222032	8.76	1289	-0.013	0.052	0.100	0.149	336.302529	20.086316	768.09	2393.96
5	GUIDE	221522416	9.61	1287	0.131	-0.037	0.095	0.159	335.801392	19.787525	1054.55	406.13
6	GUIDE	222050424	10.59	1273	-0.062	-0.034	0.161	0.277	335.429641	20.629776	-2225.64	511.02
7	GUIDE	221524824	9.72	1285	-0.024	-0.092	0.101	0.164	335.185669	19.540573	999.48	-1863.63

2.4 Star Slots

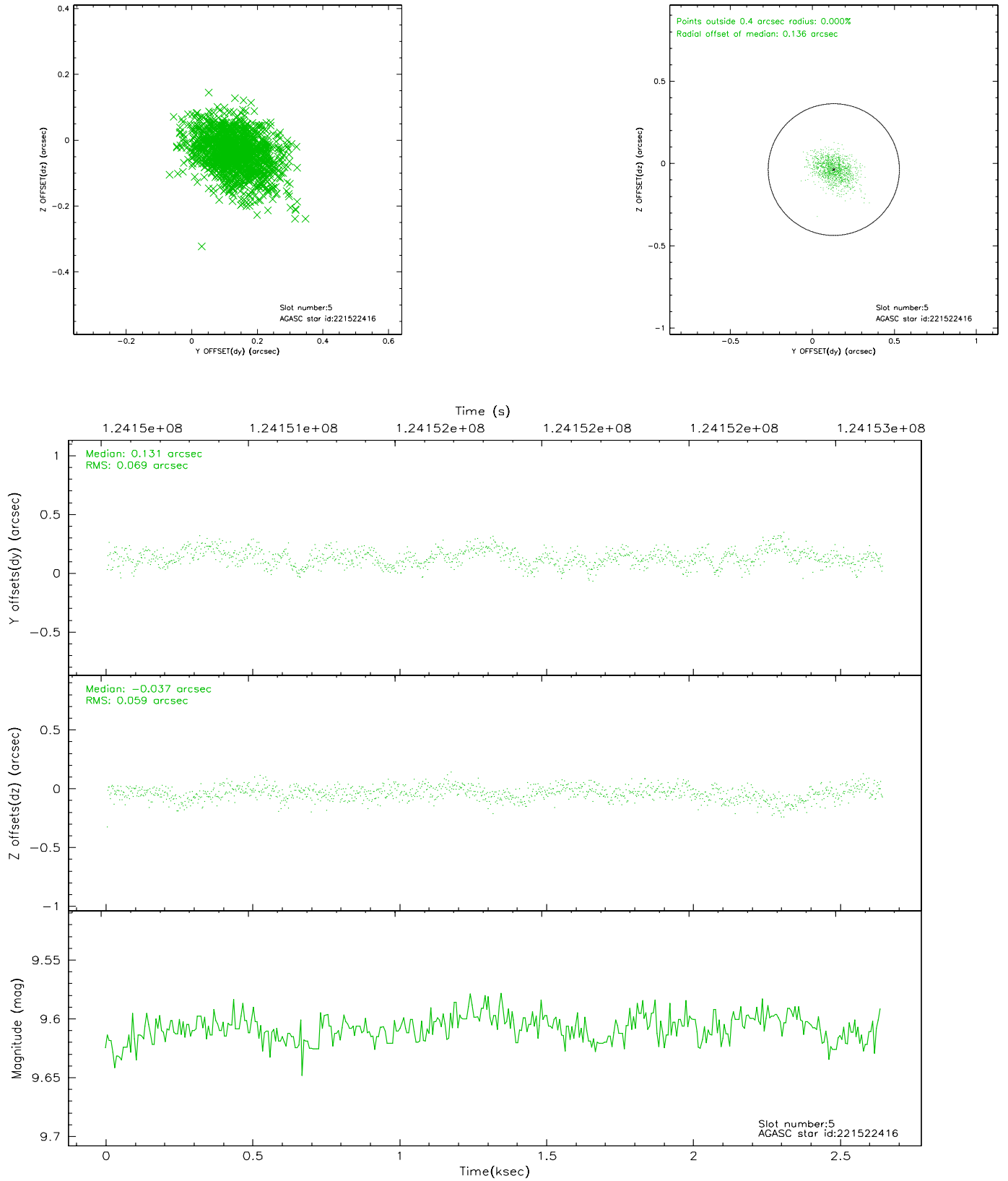
2.4.1 Slot 3



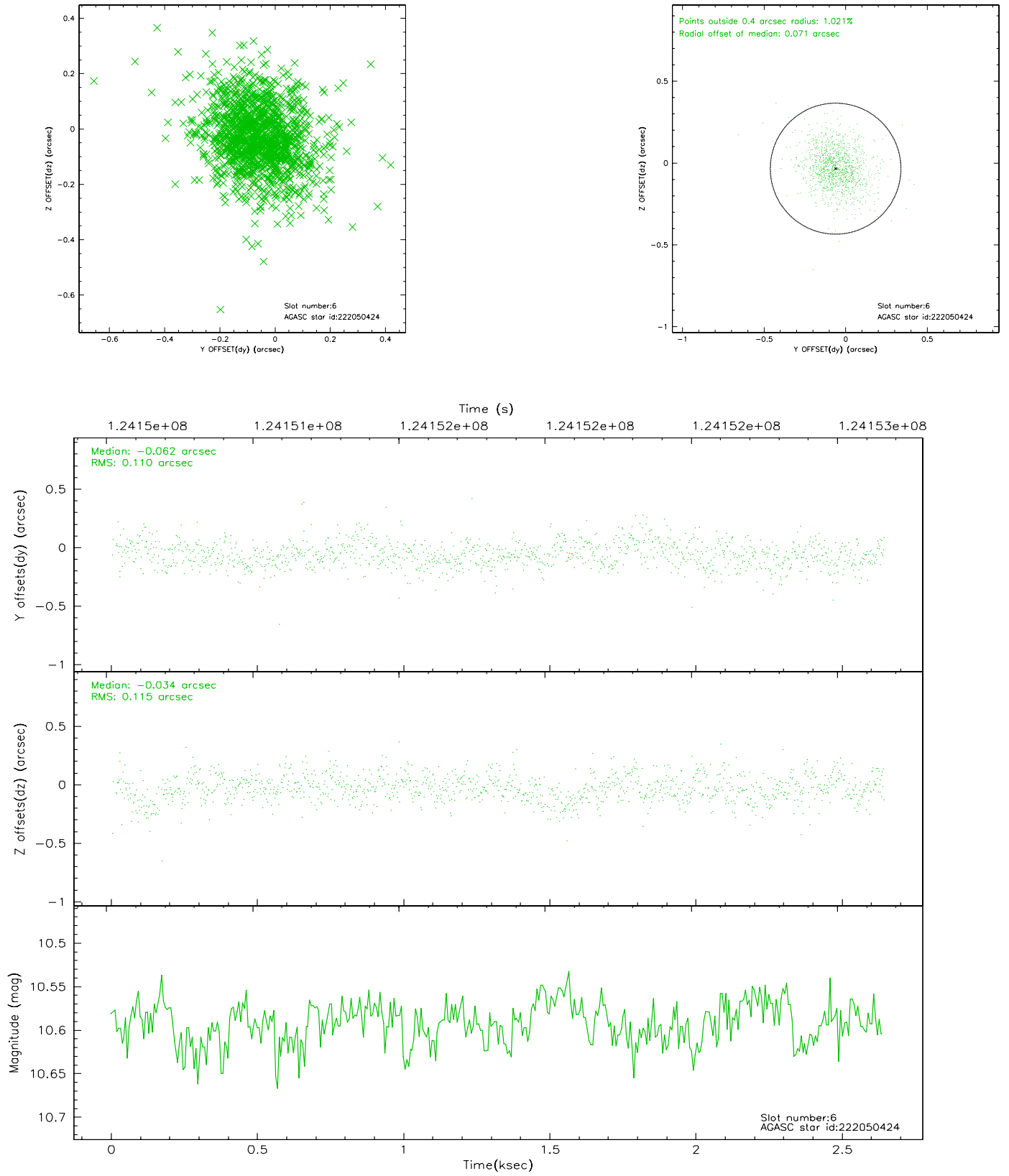
2.4.2 Slot 4



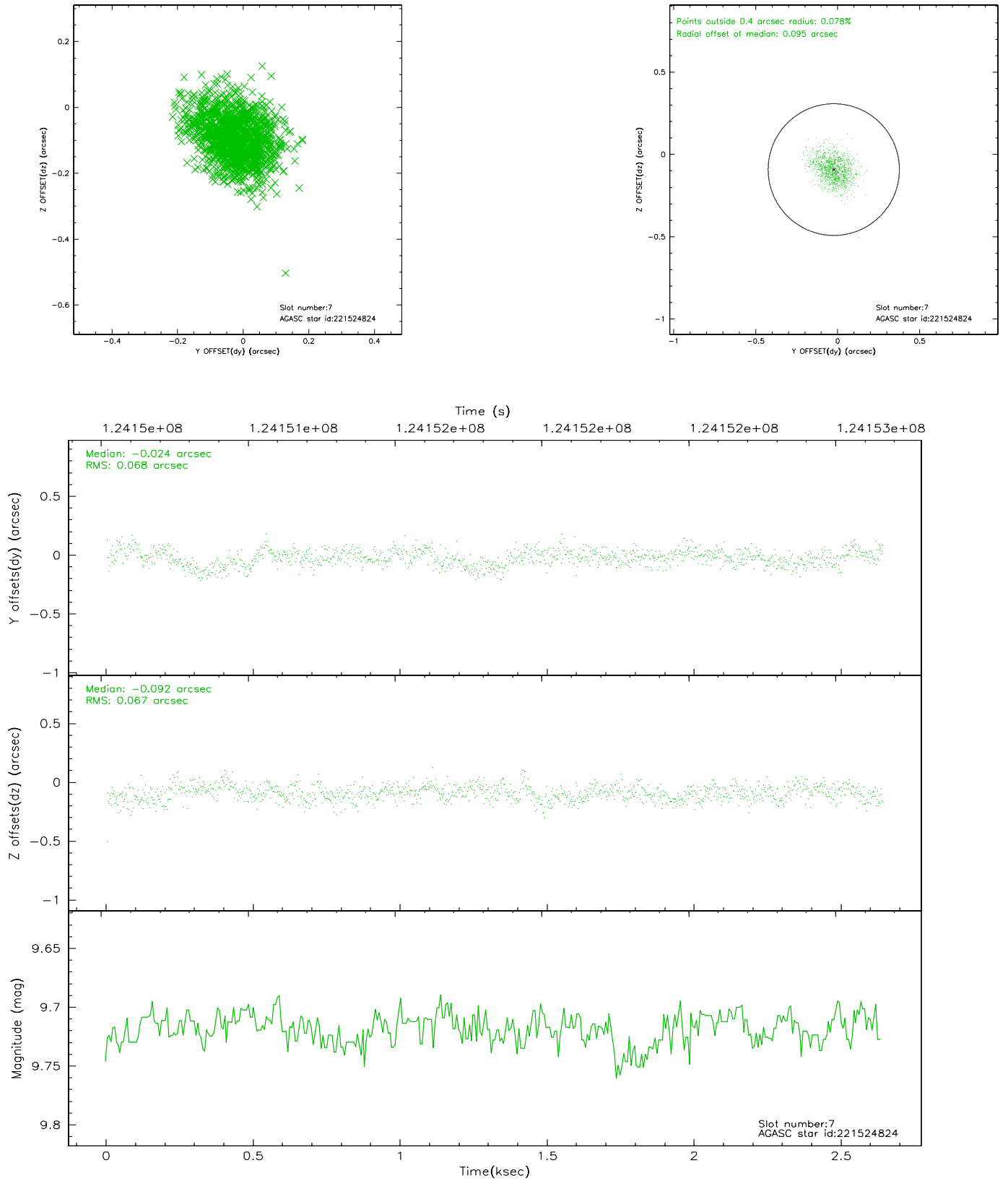
2.4.3 Slot 5



2.4.4 Slot 6

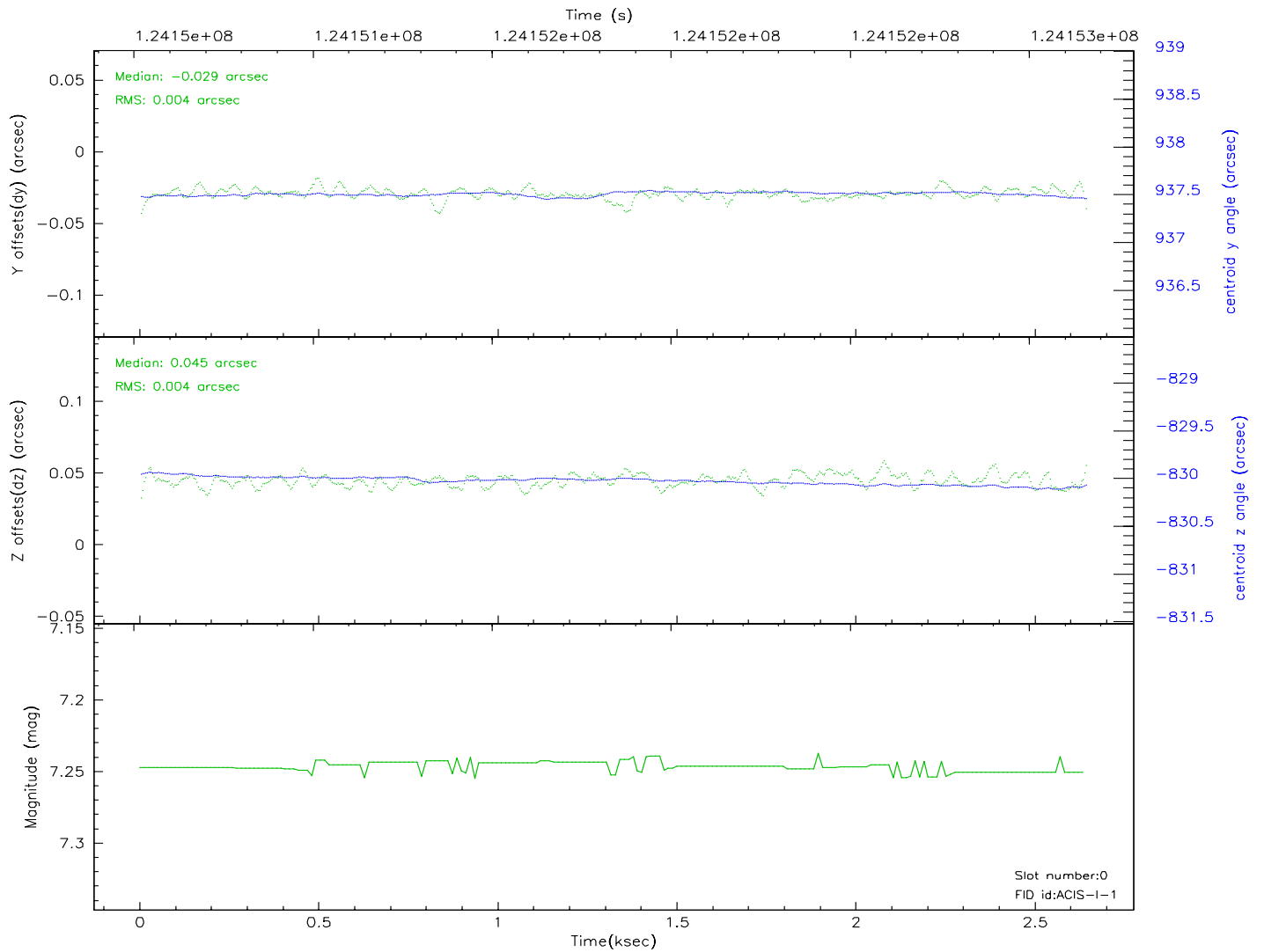
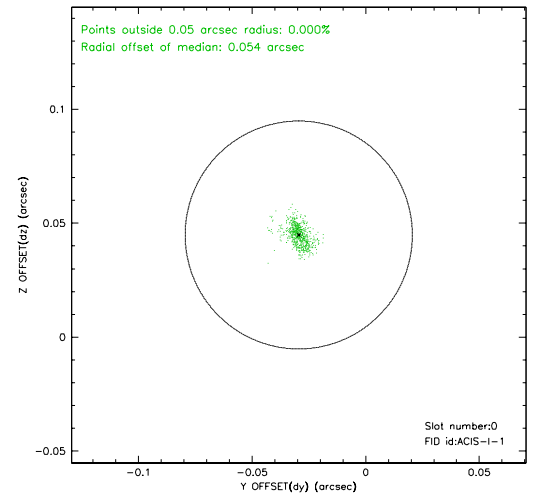
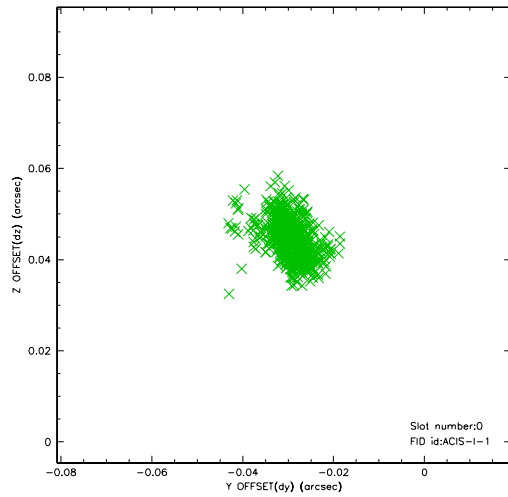


2.4.5 Slot 7

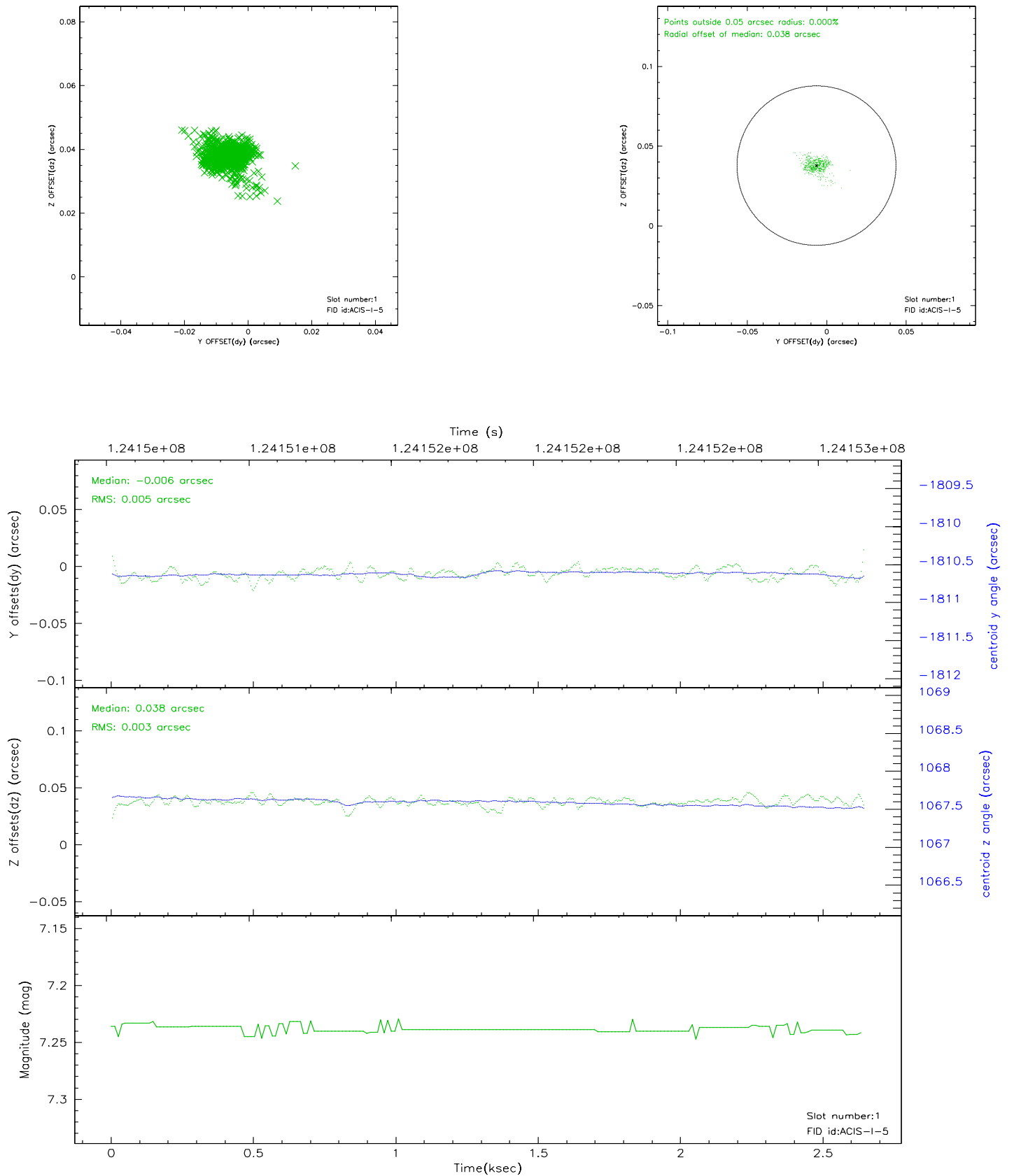


2.5 FID Slots

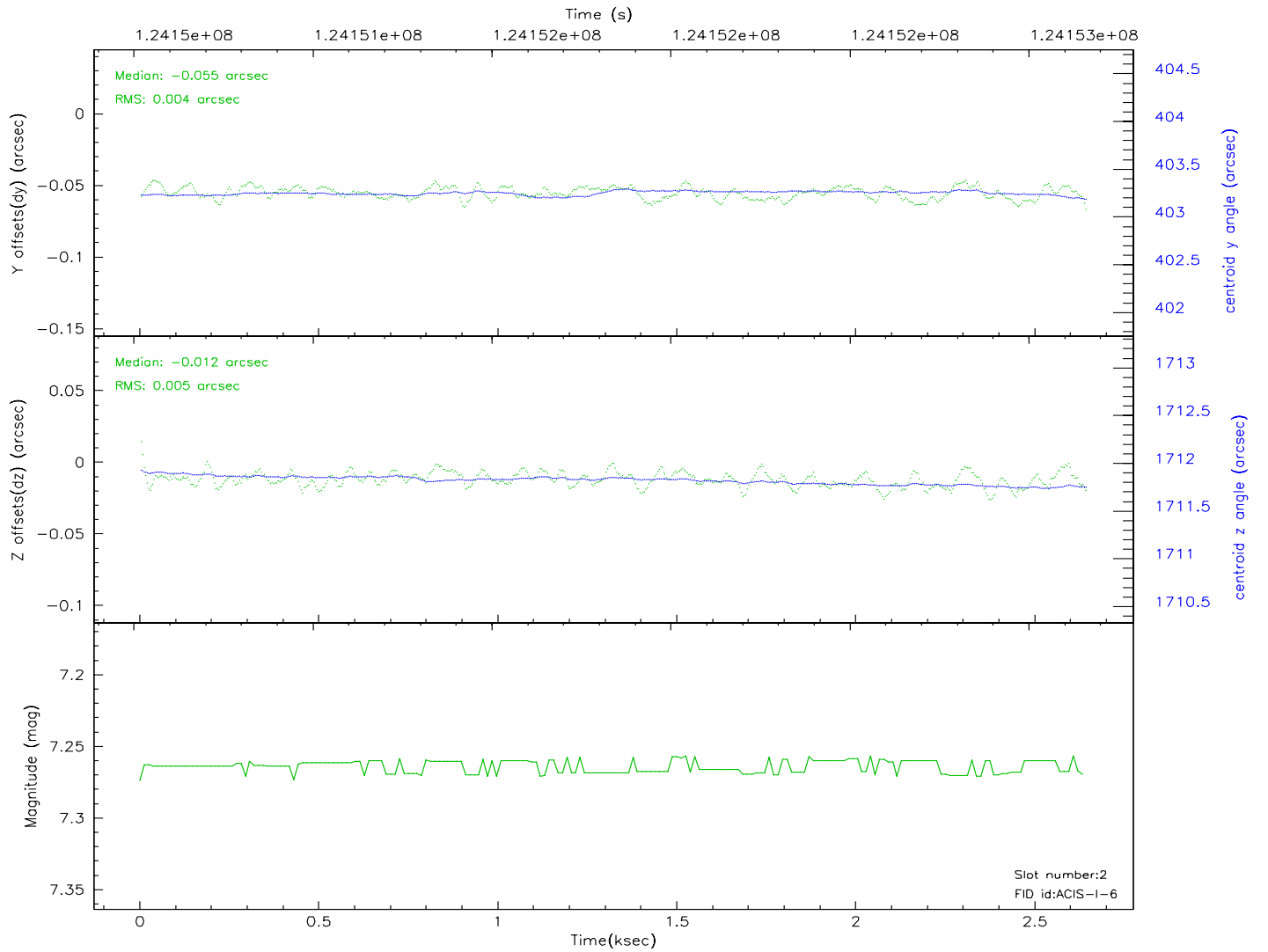
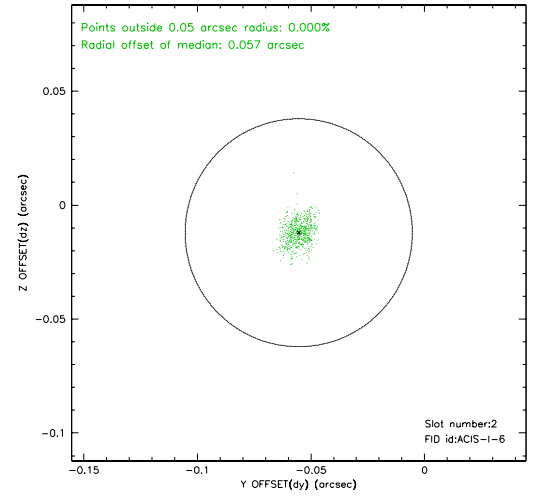
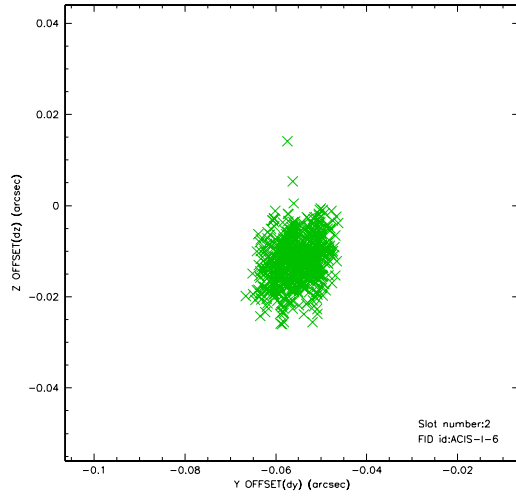
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

3.59 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.638

A.2 Comments