

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3219 - L2 Version 001
Chandra X-Ray Center

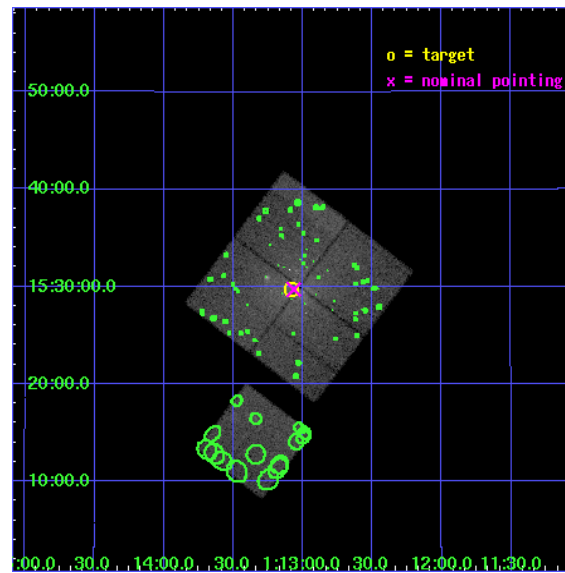
L2 Processing Date : Oct 7 2006

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1 Front

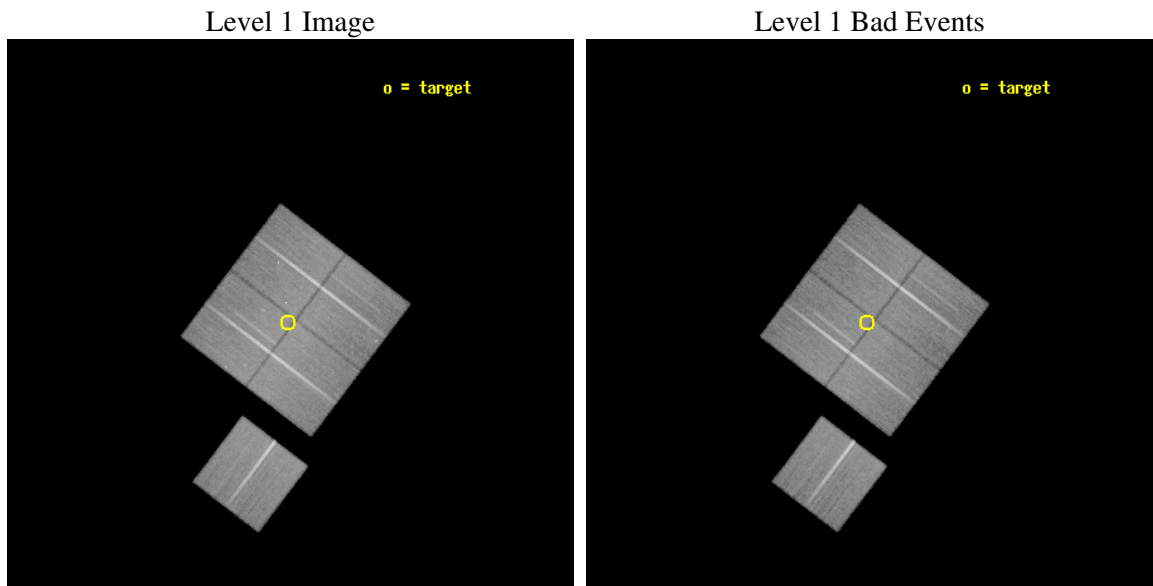
seq_num	800219
obs_id	3219
title	GALAXY WAKES: THE FIRST SAMPLES
observer	Professor Trevor Ponman
object	ABELL 160
dtcycle	0
cycle	P
ra_targ	18.270833
dec_targ	15.496667
ra_nom	18.266144323222
dec_nom	15.495520069241
roll_nom	217.25023179321
revision	2
ontime	59265.717945576
livetime	58491.36770983
ontime0	59265.717915654
ontime1	59268.858885884
ontime2	59271.999886036
ontime3	59265.717945576
ontime6	59262.576945484
l2events	160991



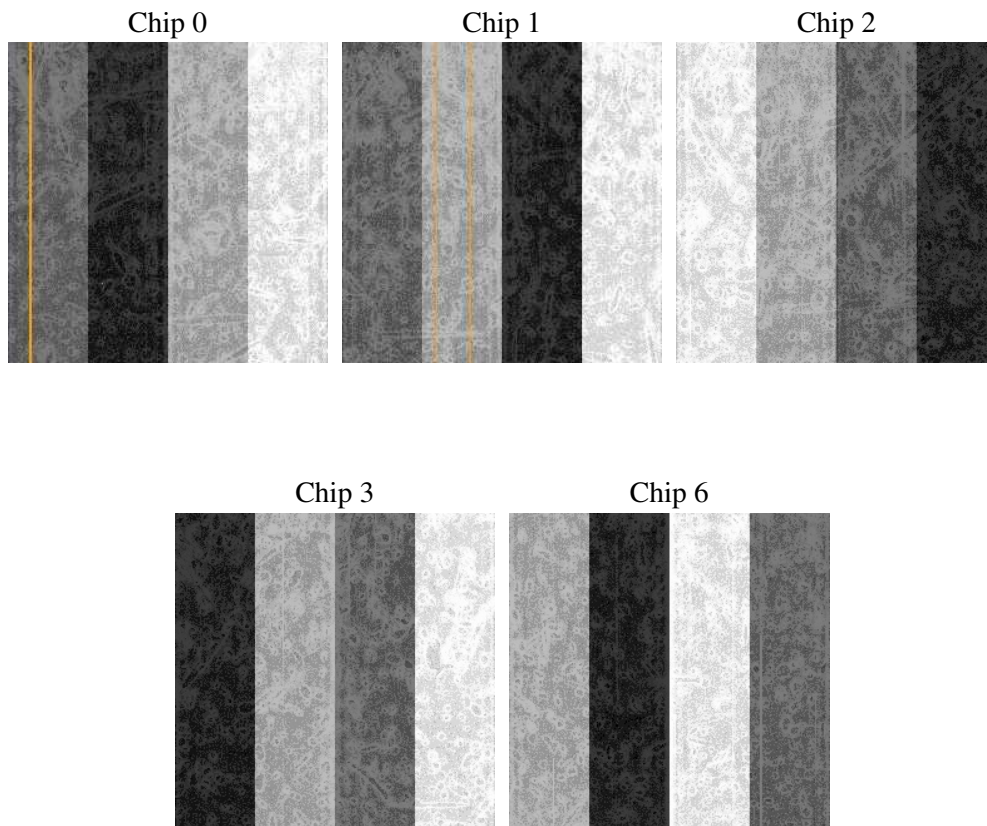
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-07T11:48:03
revision	2

sched_exp_time	59500.000000
ontime	59270.780349493
ontime0	59270.780319571
ontime1	59273.92125985
ontime2	59277.062260002
ontime3	59270.780349493
ontime6	59267.639349401
l1events	1647113

2.1.4 Events

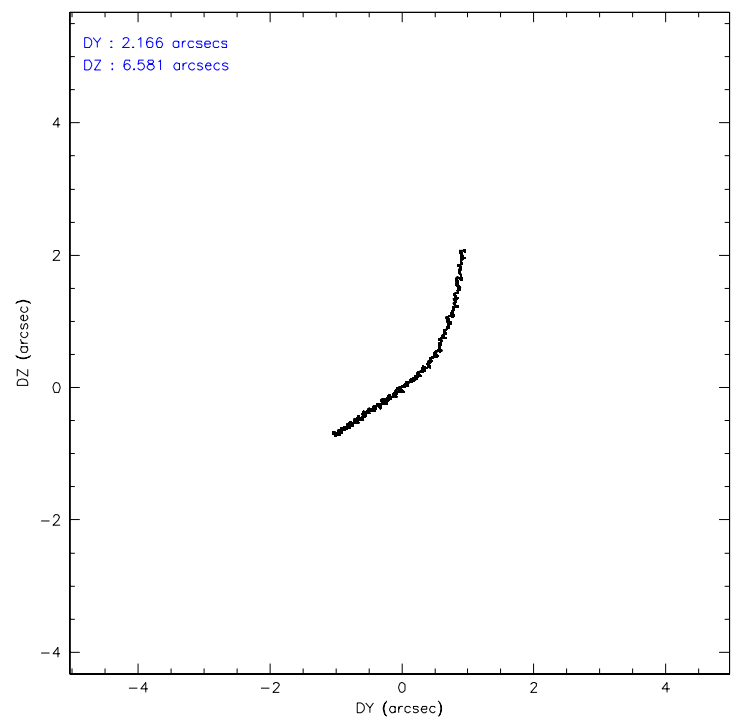
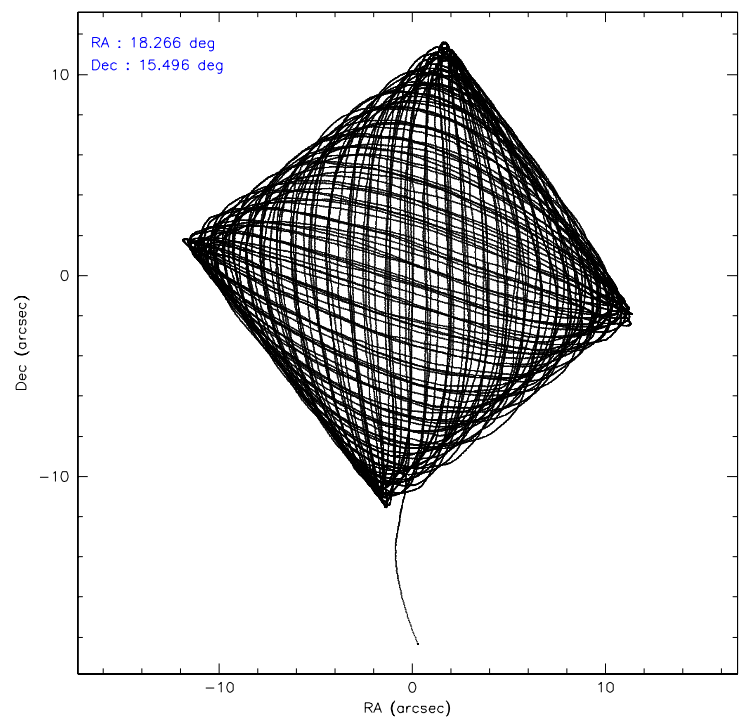
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	313115	319177	350790	335305	328726
rejected events	273869	276067	312091	296968	296093
rejected %	87%	86%	88%	88%	90%

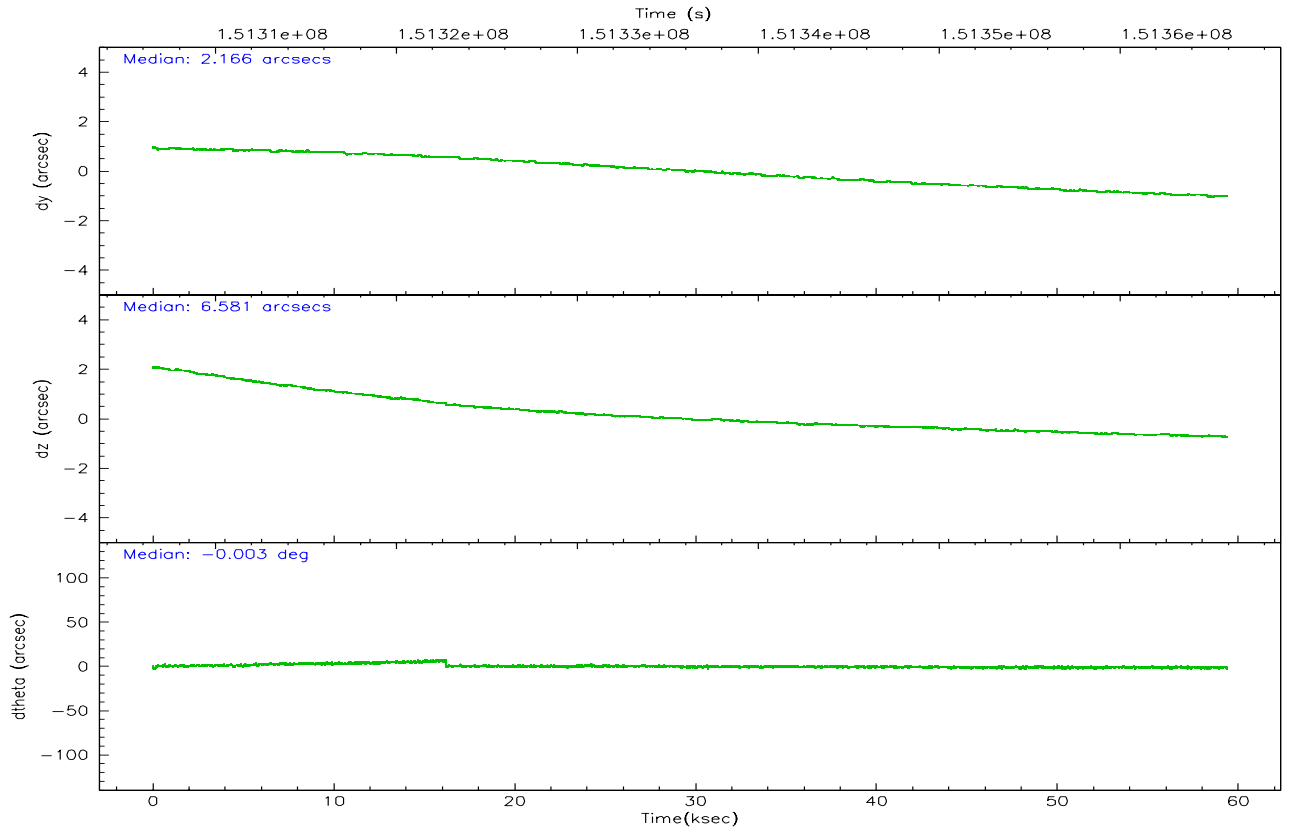
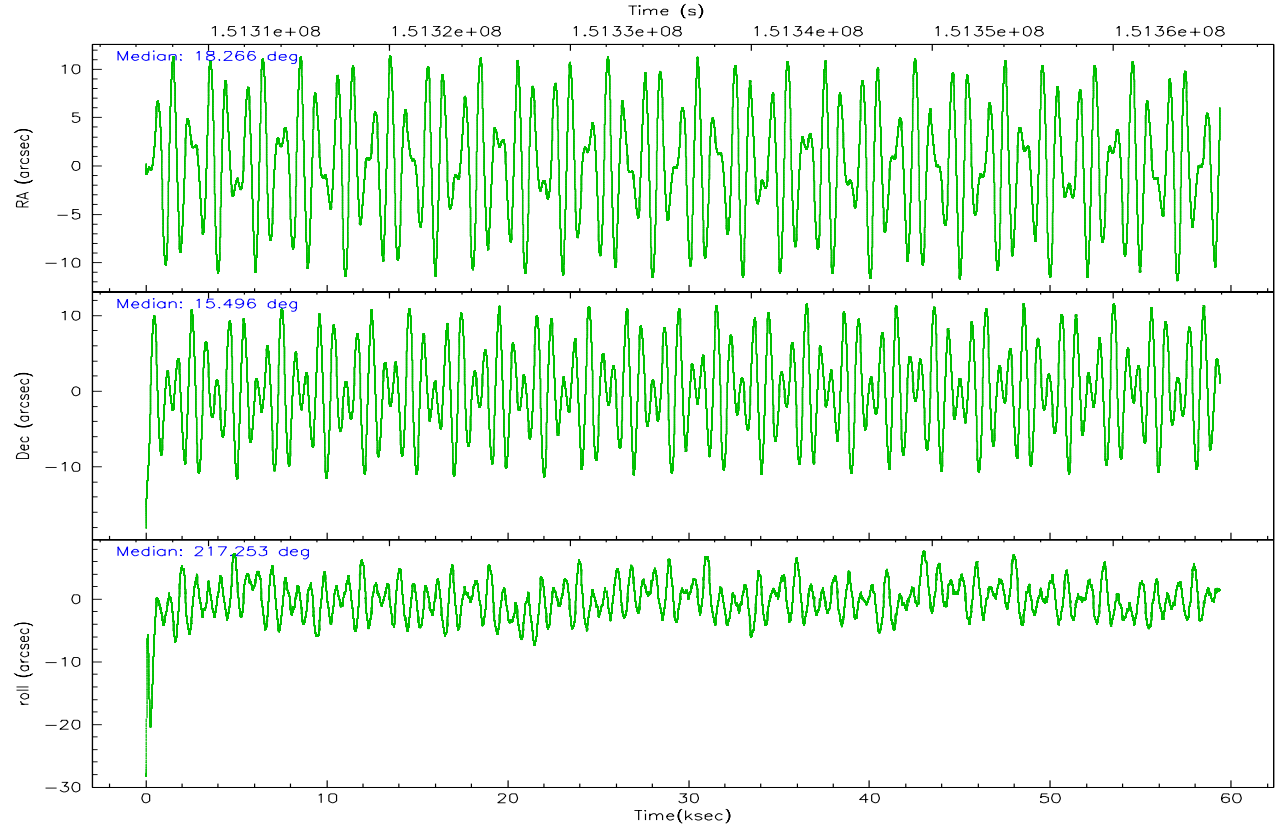
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	17090	19374	17416	17976	11607
	5%	6%	4%	5%	3%
grade 1 events	145	190	177	184	130
	0%	0%	0%	0%	0%
grade 2 events	8138	8216	7988	7055	6873
	2%	2%	2%	2%	2%
grade 3 events	4062	4330	3856	3651	3732
	1%	1%	1%	1%	1%
grade 4 events	3697	4151	3728	3682	3647
	1%	1%	1%	1%	1%
grade 5 events	10958	11637	10477	12204	12056
	3%	3%	2%	3%	3%
grade 6 events	6266	7047	5717	5976	6776
	2%	2%	1%	1%	2%
grade 7 events	262759	264232	301431	284577	283905
	83%	82%	85%	84%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	18.277051	18.26614432322213	Subarray requested	NONE	NONE
Pointing Dec	15.520818	15.49552006924067	Alternating exposures requested	N	N
Pointing Roll	217.038634	217.2502317932141	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	151306431.184000	151305378.48566			
Observation start date	2002-10-18T05:32:47	2002-10-18T05:16:18			
Observation end time	151365931.184000	151367047.10072			
Observation end date	2002-10-18T22:04:27	2002-10-18T22:24:07			
Read mode	TIMED	TIMED			

2.3 Aspect



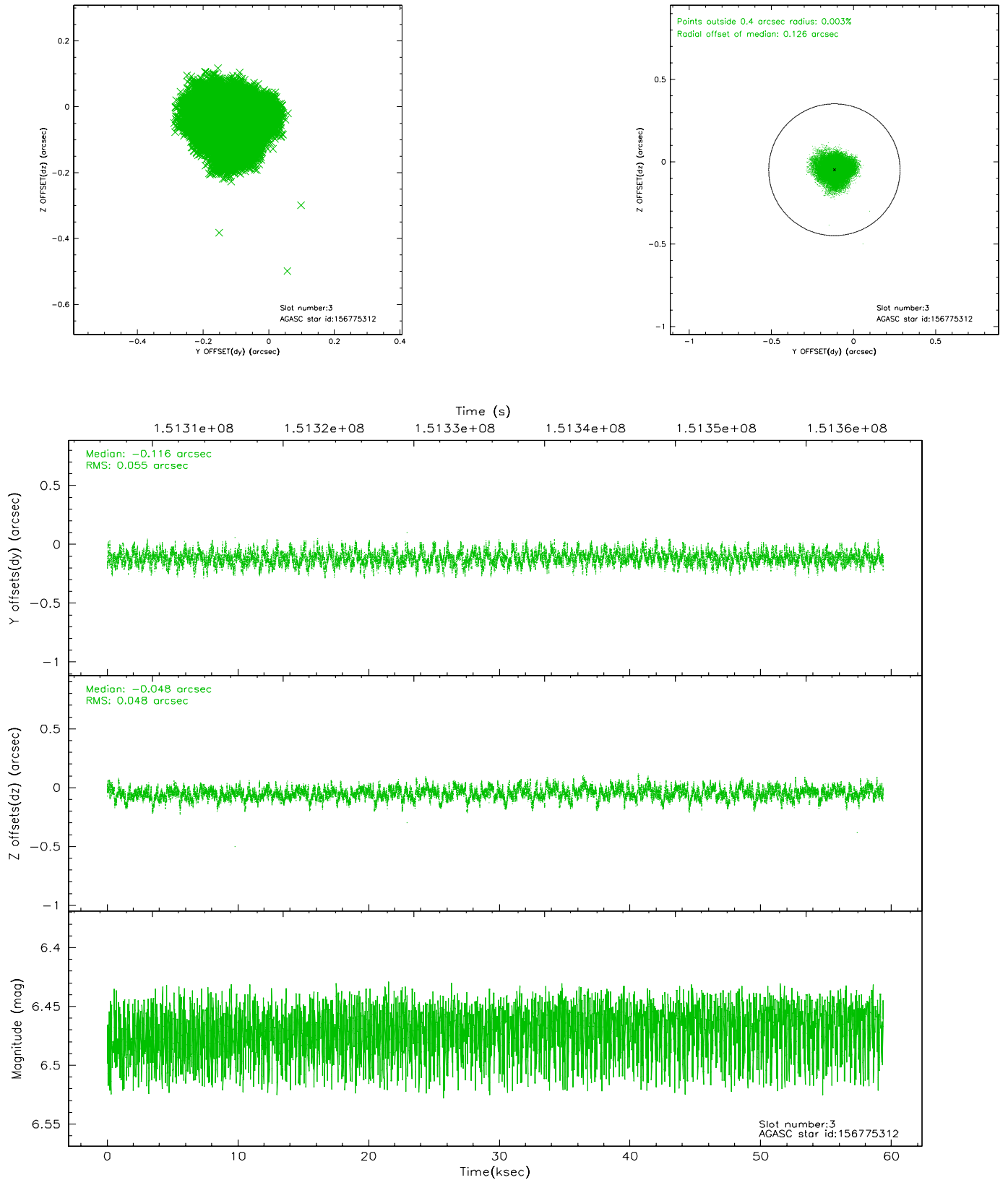


Slot Statistics

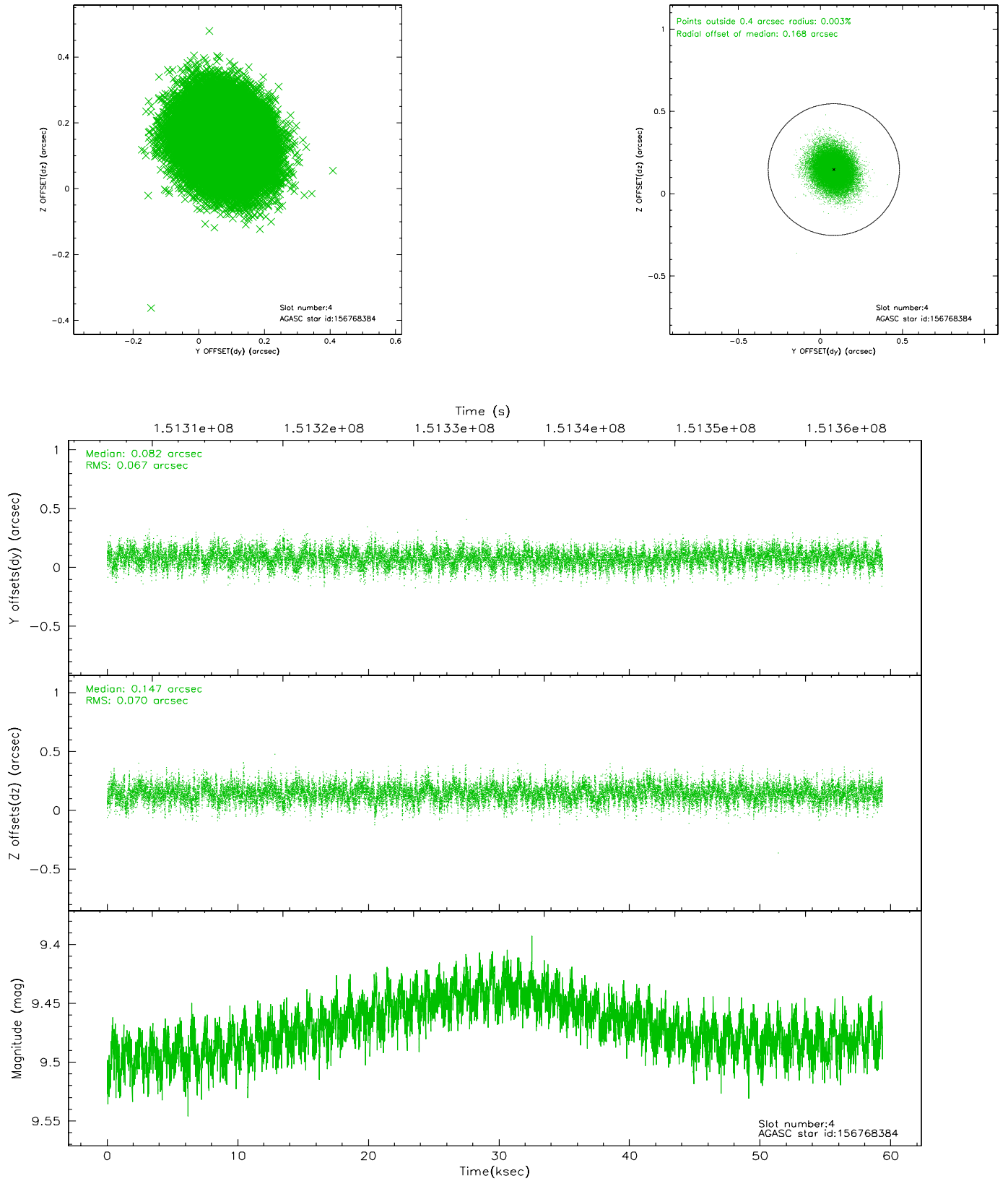
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	6.95	14483	-0.039	-0.061	0.017	0.030	0.000000	0.000000	-756.56	-836.62
1	FID	ACIS-I-4	6.98	14484	-0.010	0.047	0.033	0.057	0.000000	0.000000	2157.54	1069.71
2	FID	ACIS-I-5	6.98	14484	-0.051	0.084	0.025	0.060	0.000000	0.000000	-1810.48	1067.51
3	GUIDE	156775312	6.47	28968	-0.116	-0.048	0.078	0.125	18.531791	16.133483	-2031.17	-1230.91
4	GUIDE	156768384	9.47	28816	0.082	0.147	0.103	0.168	17.703528	15.413158	1821.67	-892.24
5	GUIDE	156767632	9.86	28876	0.019	-0.077	0.149	0.237	18.066363	15.257446	1156.07	315.08
6	GUIDE	156770024	10.06	28939	0.063	-0.100	0.120	0.193	18.575982	15.495309	-771.79	696.76
7	GUIDE	156772448	10.24	28942	-0.056	0.072	0.247	0.393	18.618736	16.145540	-2297.59	-1084.67

2.4 Star Slots

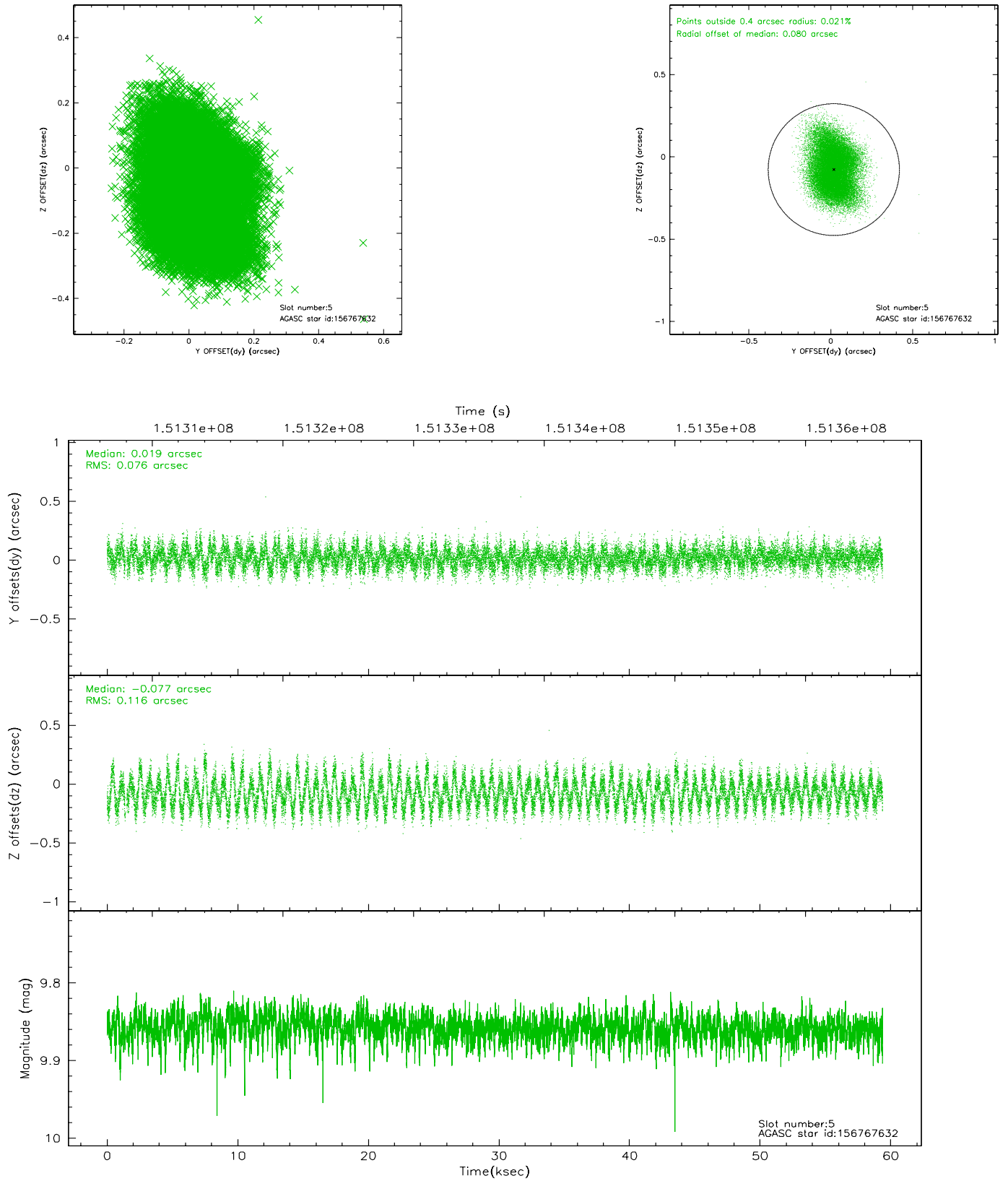
2.4.1 Slot 3



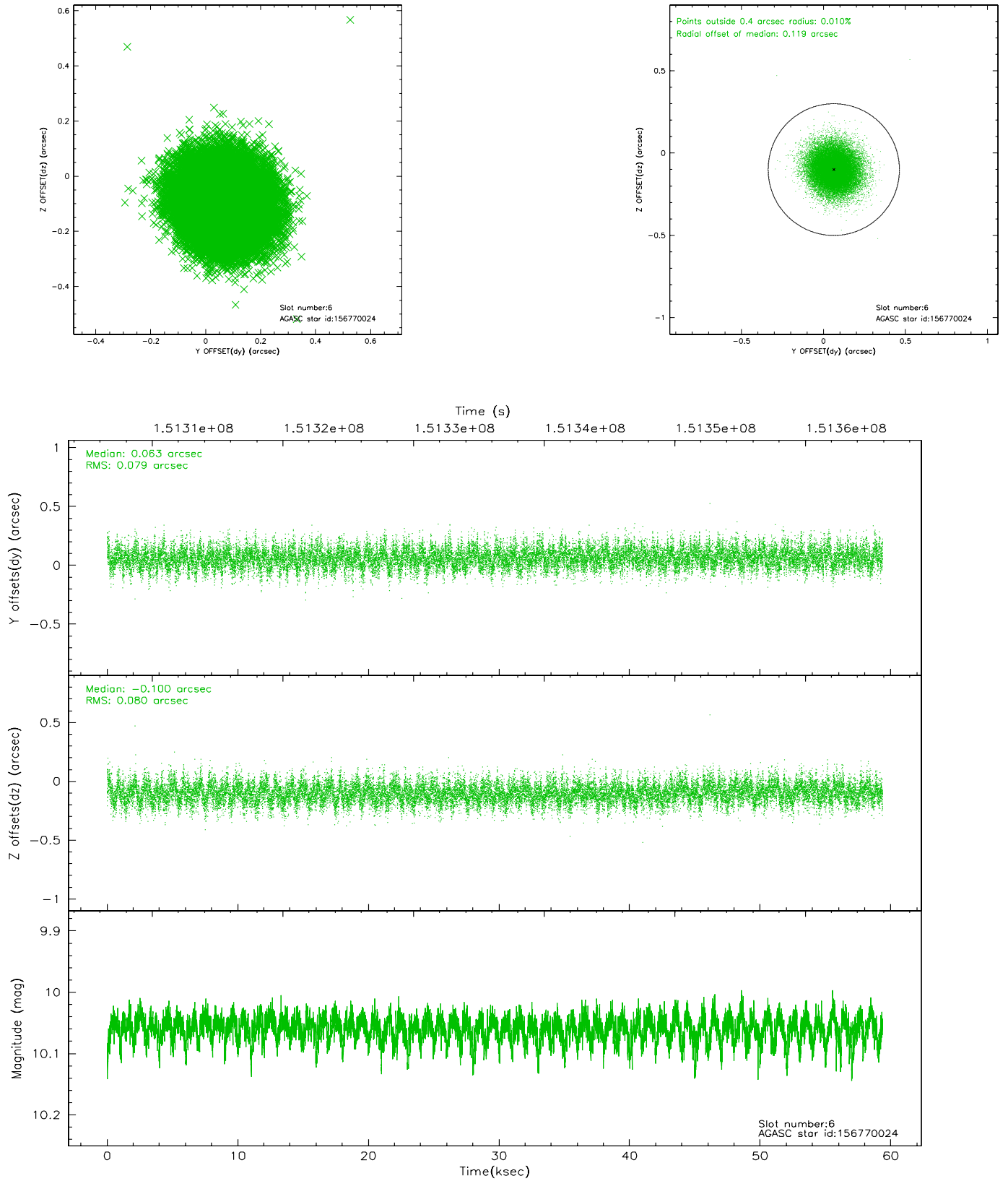
2.4.2 Slot 4



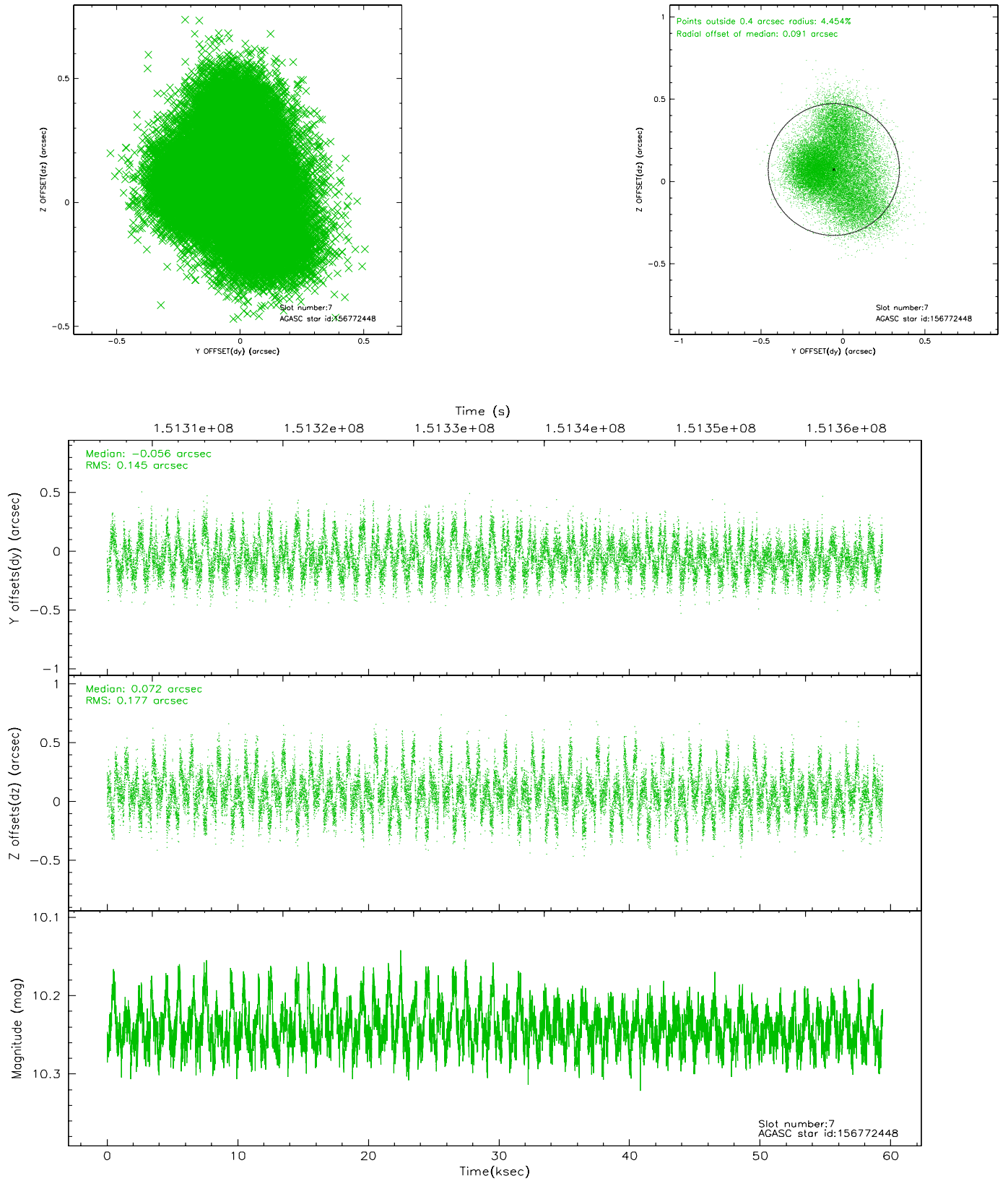
2.4.3 Slot 5



2.4.4 Slot 6

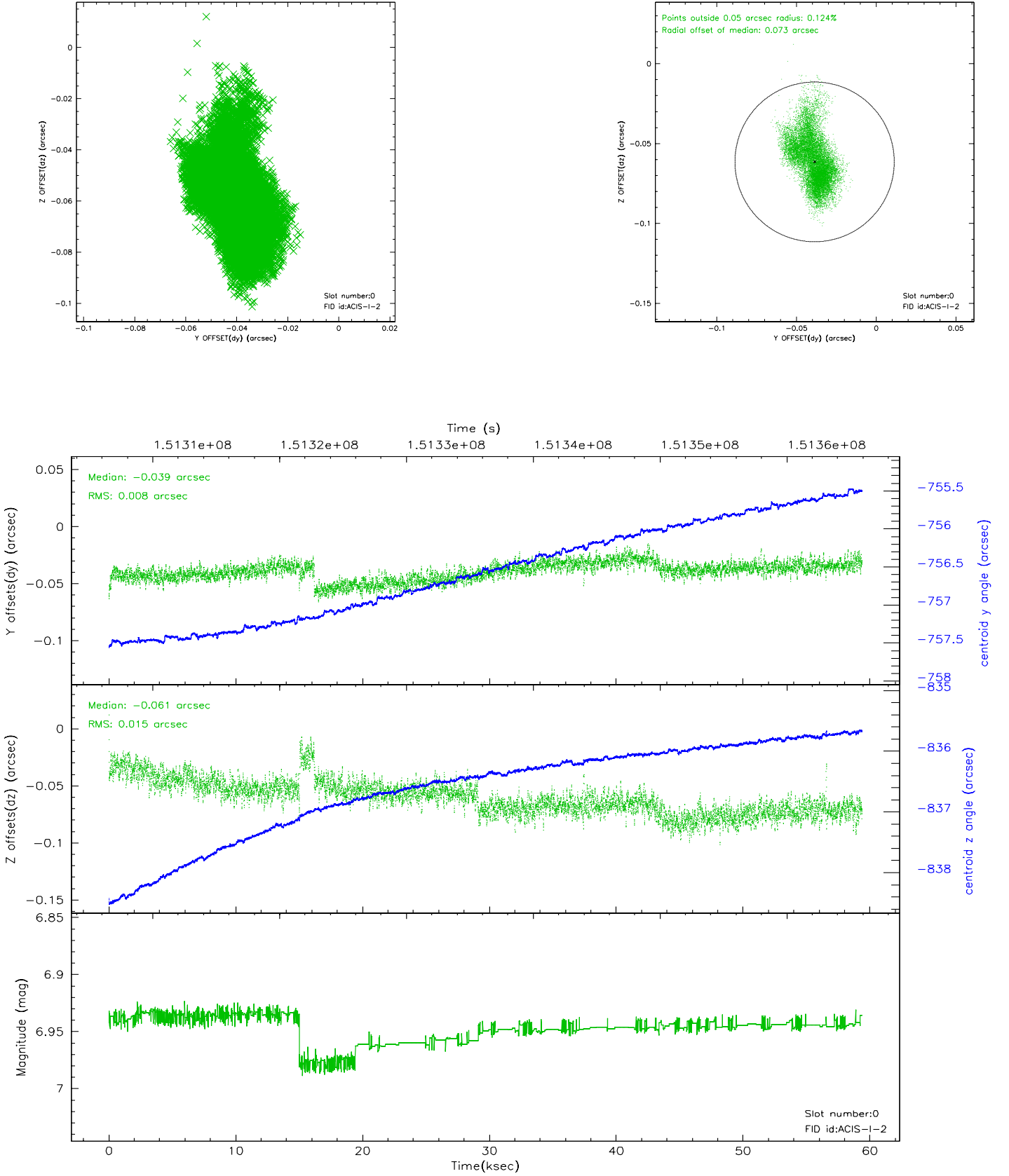


2.4.5 Slot 7

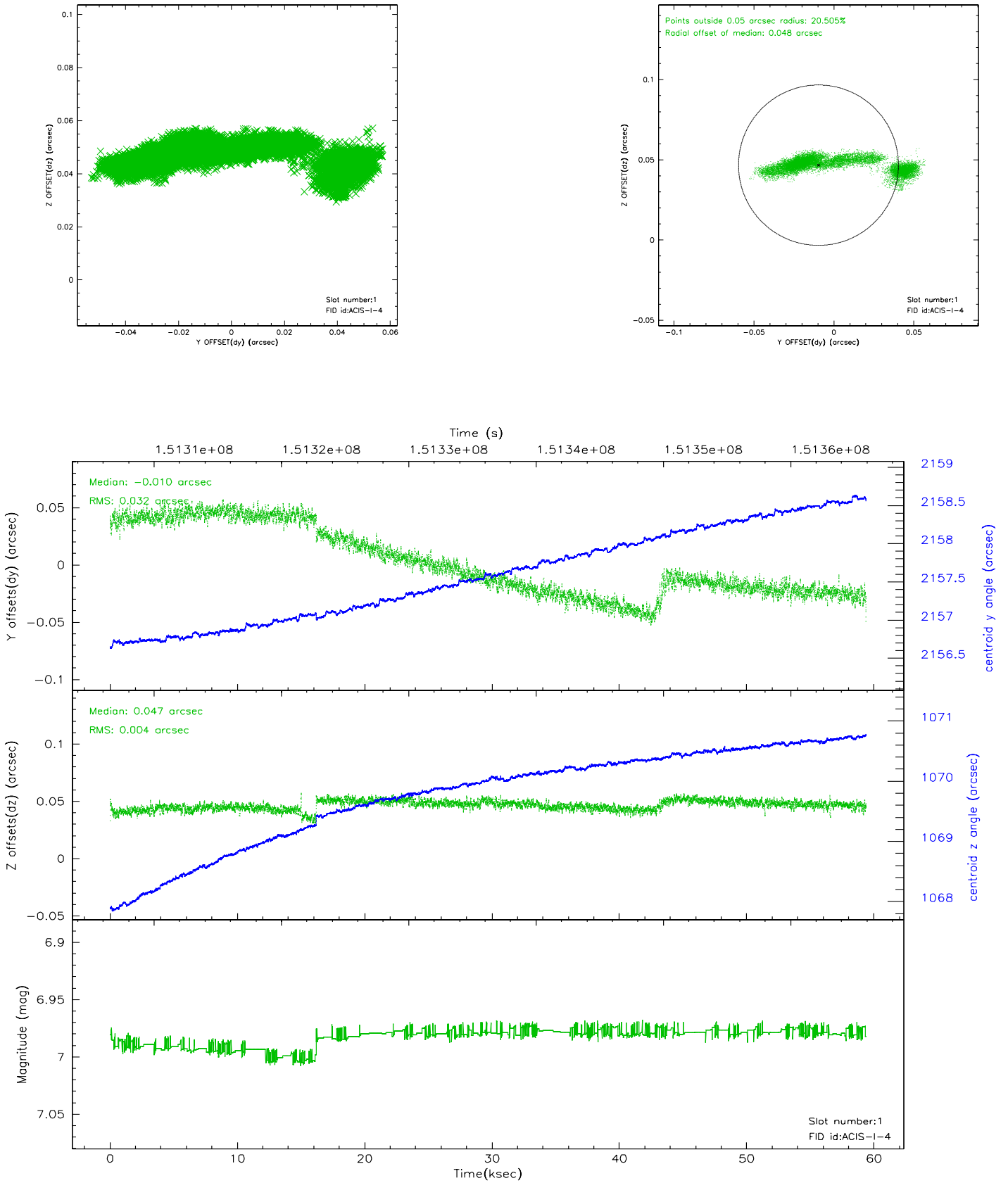


2.5 FID Slots

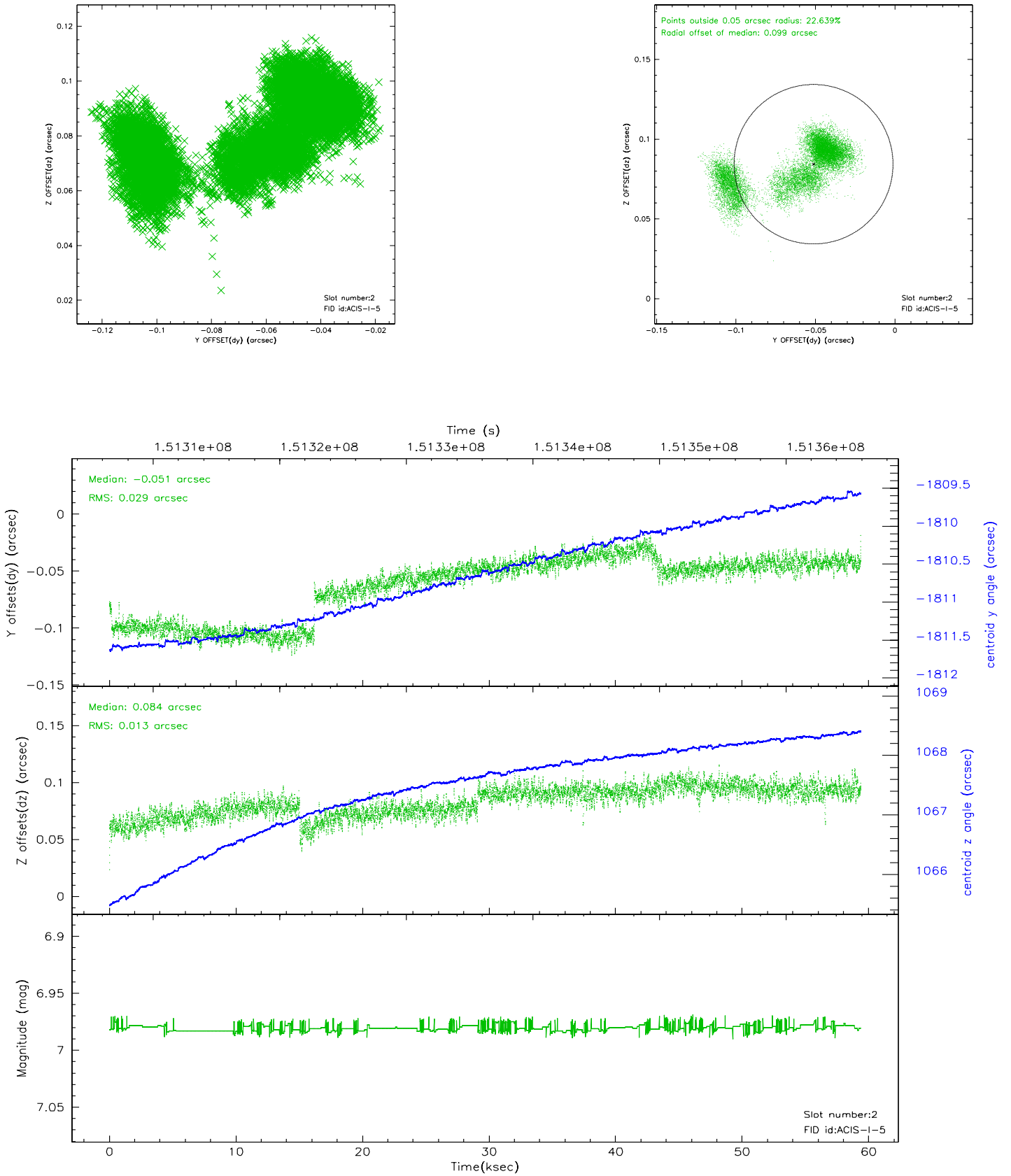
2.5.1 Slot 0



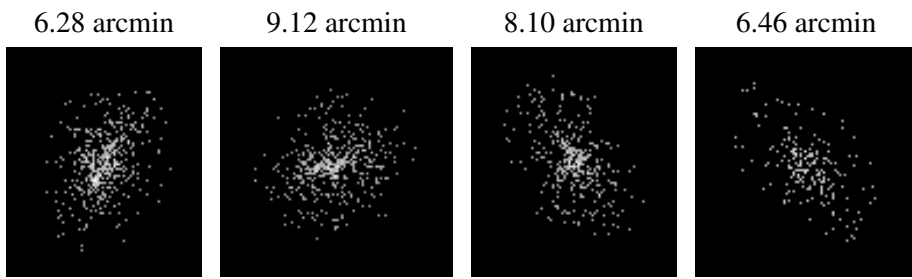
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.268

A.2 Comments