

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3394 - L2 Version 001
Chandra X-Ray Center

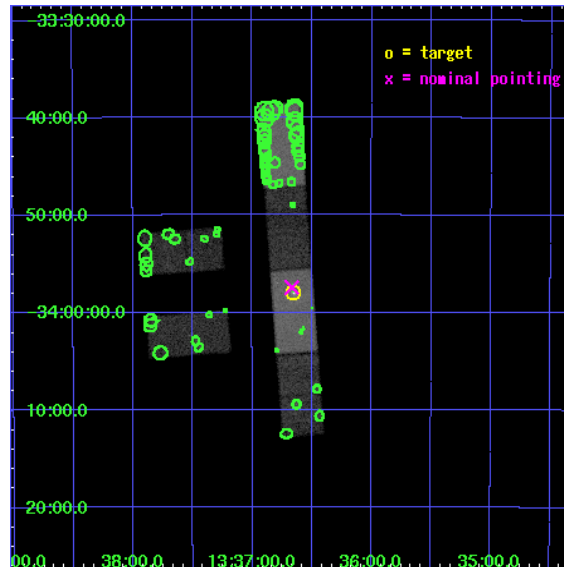
L2 Processing Date : Jan 18 2007

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

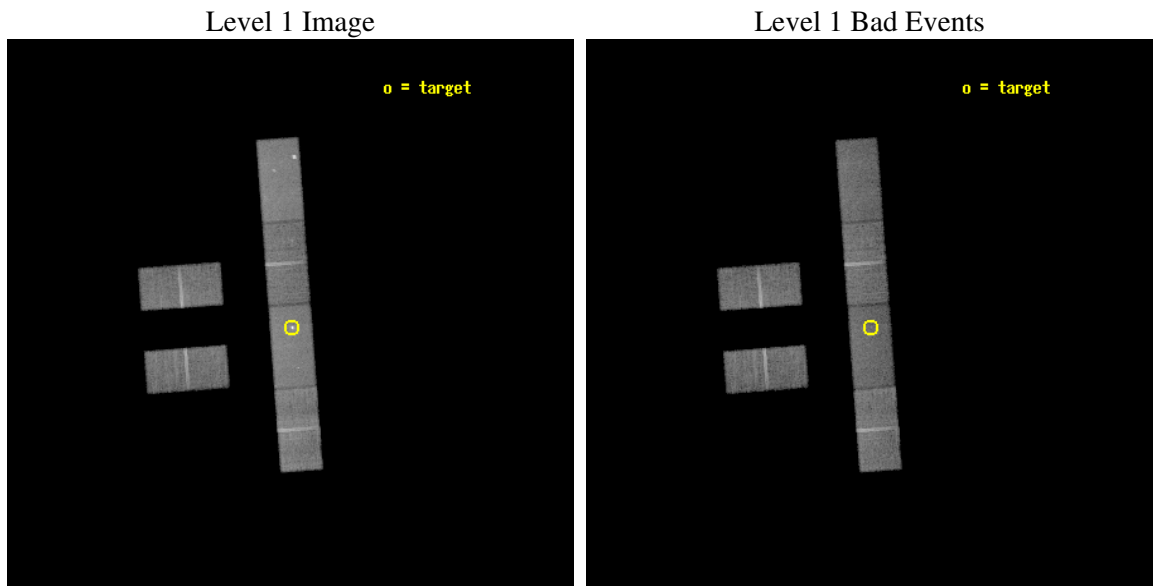
seq_num	600293
obs_id	3394
title	ORIGIN OF THE HARD EMISSION IN THE OPTICALLY INACTIVE E GALAXY IC4296 FROM HIGH RESOLUTION X-RAY AND RADIO OBSERVATIONS
observer	DR. SILVIA PELLEGRINI
object	IC4296
dtcycle	0
cycle	P
ra_targ	204.164042
dec_targ	-33.966528
ra_nom	204.16697374579
dec_nom	-33.95712539305
roll_nom	85.721264251612
revision	2
ontime	25401.558967769
livetime	24835.313812837
ontime2	25403.39995794
ontime3	25401.558967769
ontime5	25401.558967769
ontime6	25403.39995794
ontime7	25401.558967769
ontime8	25401.558937848
l2events	160506



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-18T04:15:23
revision	2

sched_exp_time	25000.000000
ontime	25401.558967769
ontime2	25403.39995794
ontime3	25401.558967769
ontime5	25401.558967769
ontime6	25403.39995794
ontime7	25401.558967769
ontime8	25401.558937848
l1events	661269

2.1.4 Events

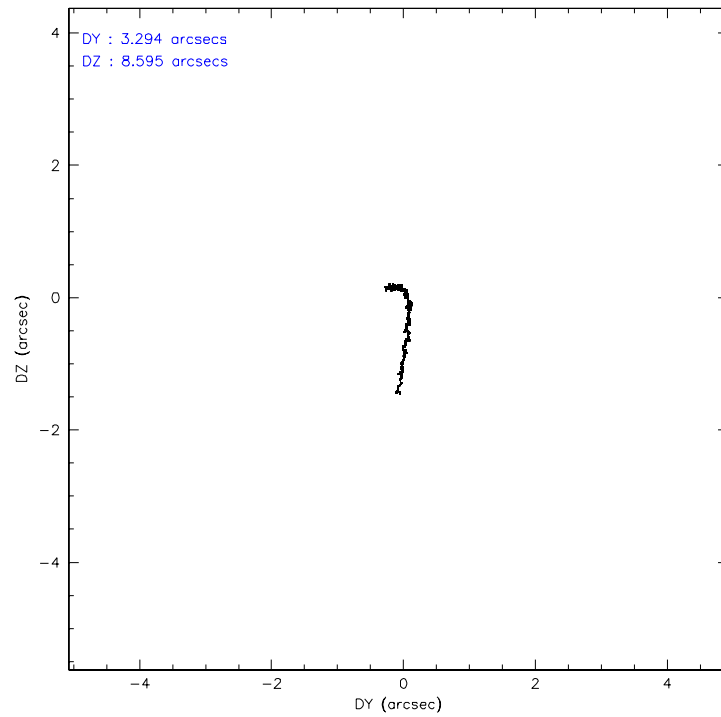
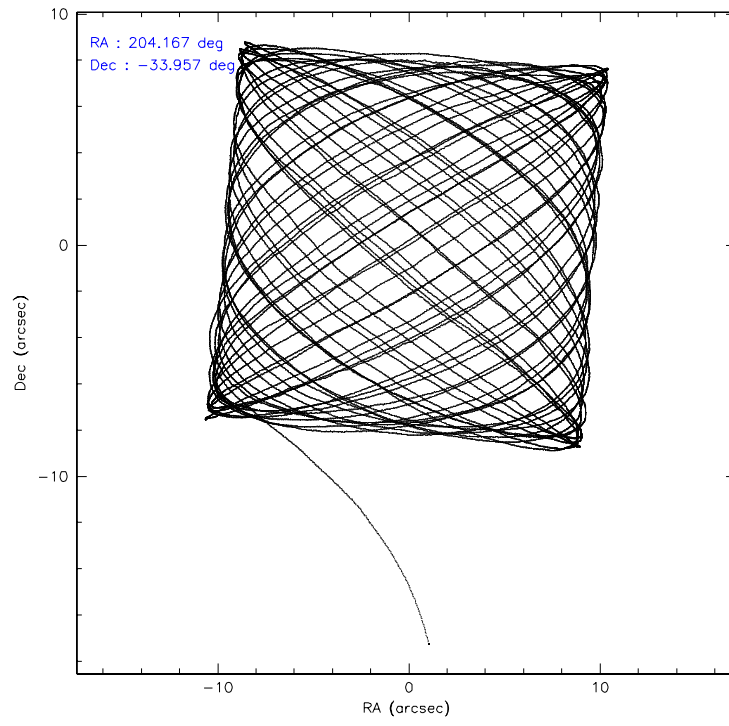
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	98253	91486	128149	95587	125344	122450
rejected events	85520	79203	66813	82000	65716	92033
rejected %	87%	86%	52%	85%	52%	75%

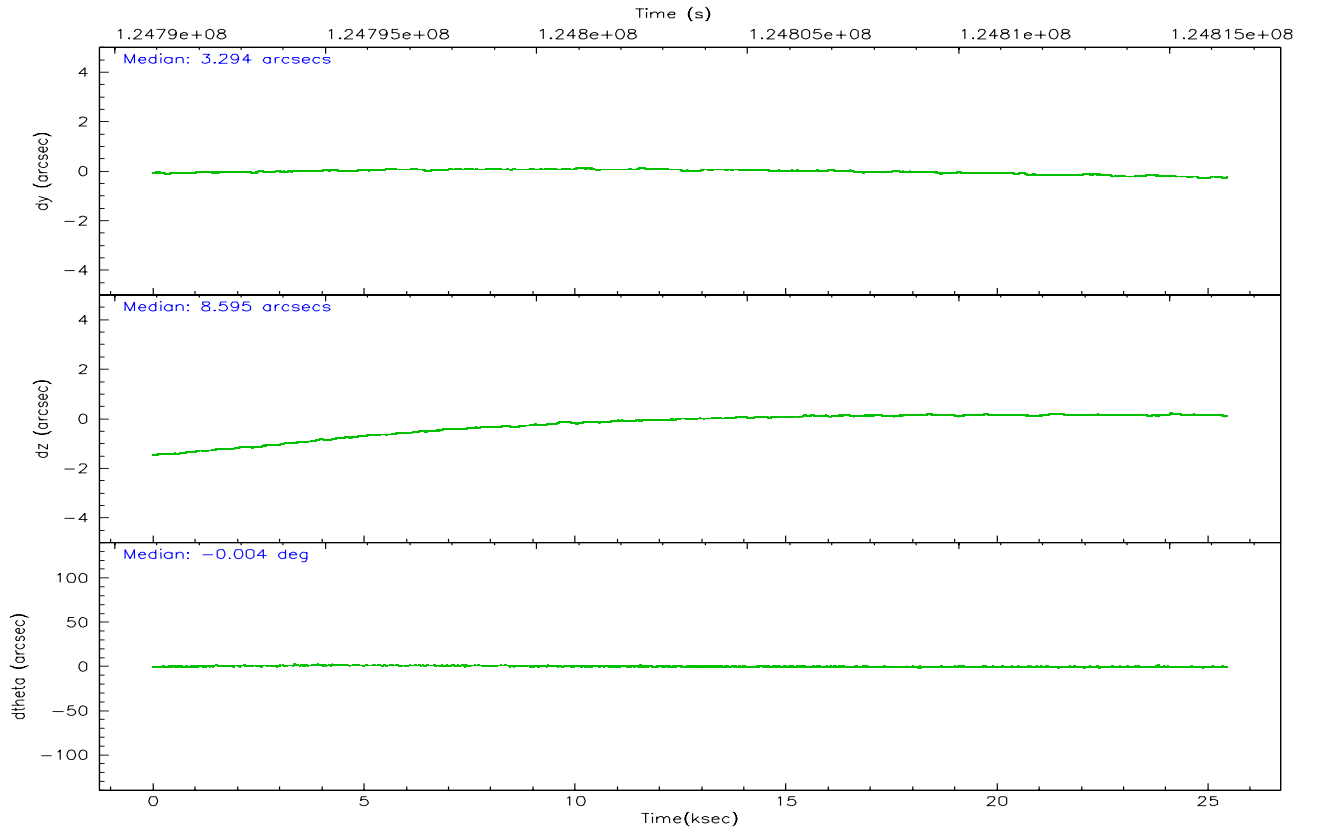
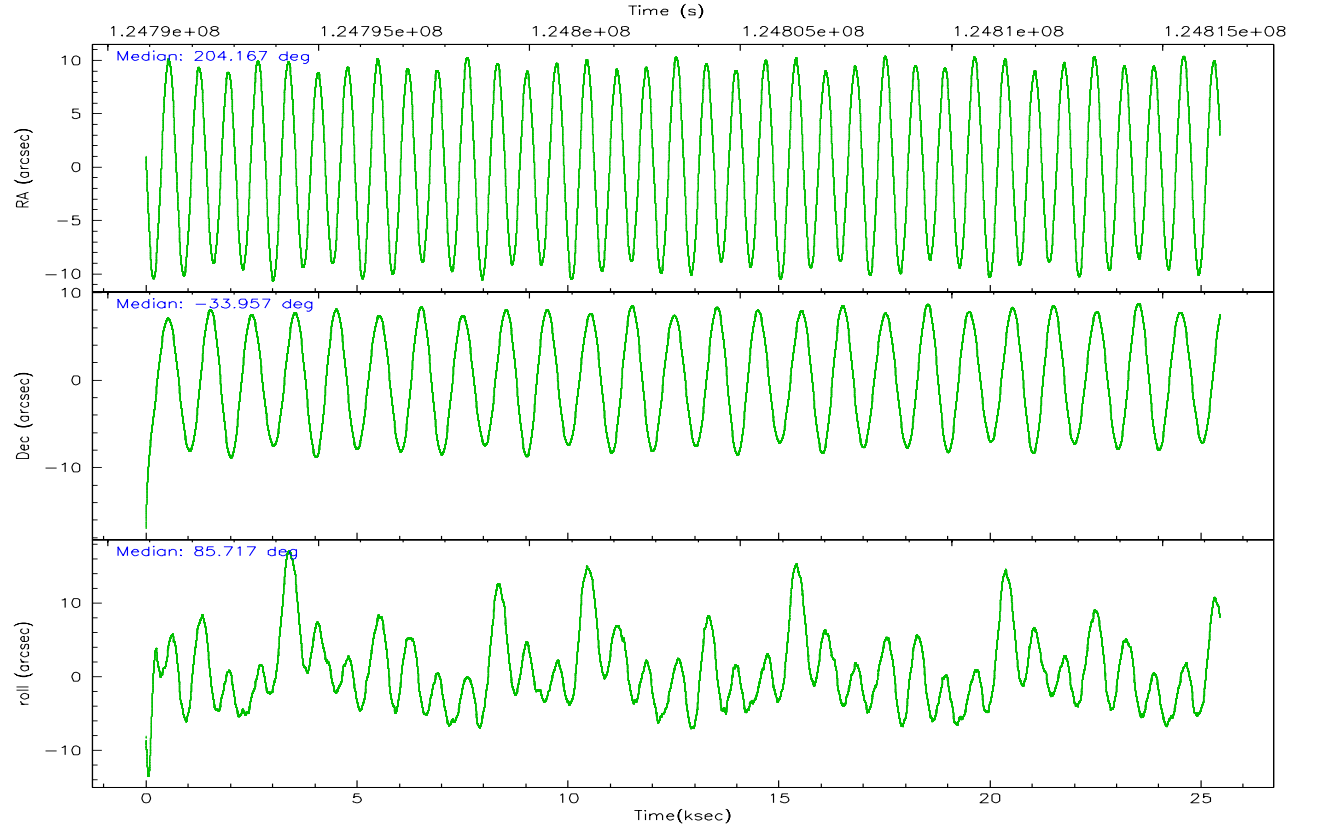
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5570	5190	8860	5930	8741	10483
	5%	5%	6%	6%	6%	8%
grade 1 events	26	39	222	46	127	63
	0%	0%	0%	0%	0%	0%
grade 2 events	2677	2656	17007	2777	12586	6129
	2%	2%	13%	2%	10%	5%
grade 3 events	1115	1229	3120	1342	5925	3642
	1%	1%	2%	1%	4%	2%
grade 4 events	1250	1146	3027	1211	5841	3226
	1%	1%	2%	1%	4%	2%
grade 5 events	3105	3447	9818	3765	10956	4608
	3%	3%	7%	3%	8%	3%
grade 6 events	2122	2062	29326	2327	26537	6940
	2%	2%	22%	2%	21%	5%
grade 7 events	82388	75717	56769	78189	54631	87359
	83%	82%	44%	81%	43%	71%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	204.181587	204.1669737457921	Subarray requested	1/2	1/2
Pointing Dec	-33.981533	-33.9571253930499	Subarray start row	0	257
Pointing Roll	85.572805	85.72126425161237	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	124791368.184000	124790269.96659			
Observation start date	2001-12-15T08:15:04	2001-12-15T07:57:49			
Observation end time	124816368.184000	124817415.55518			
Observation end date	2001-12-15T15:11:44	2001-12-15T15:30:15			
Read mode	TIMED	TIMED			

2.3 Aspect



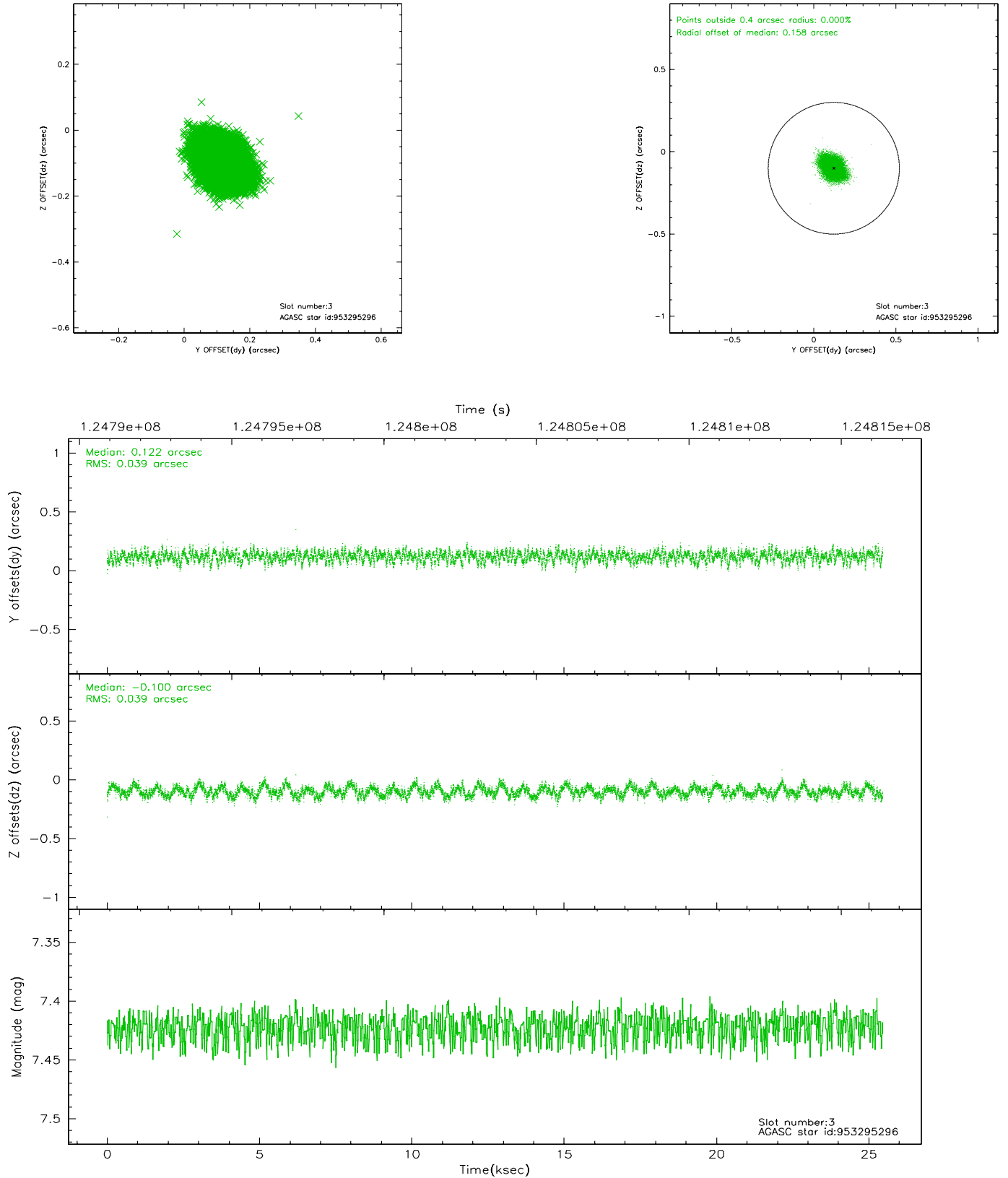


Slot Statistics

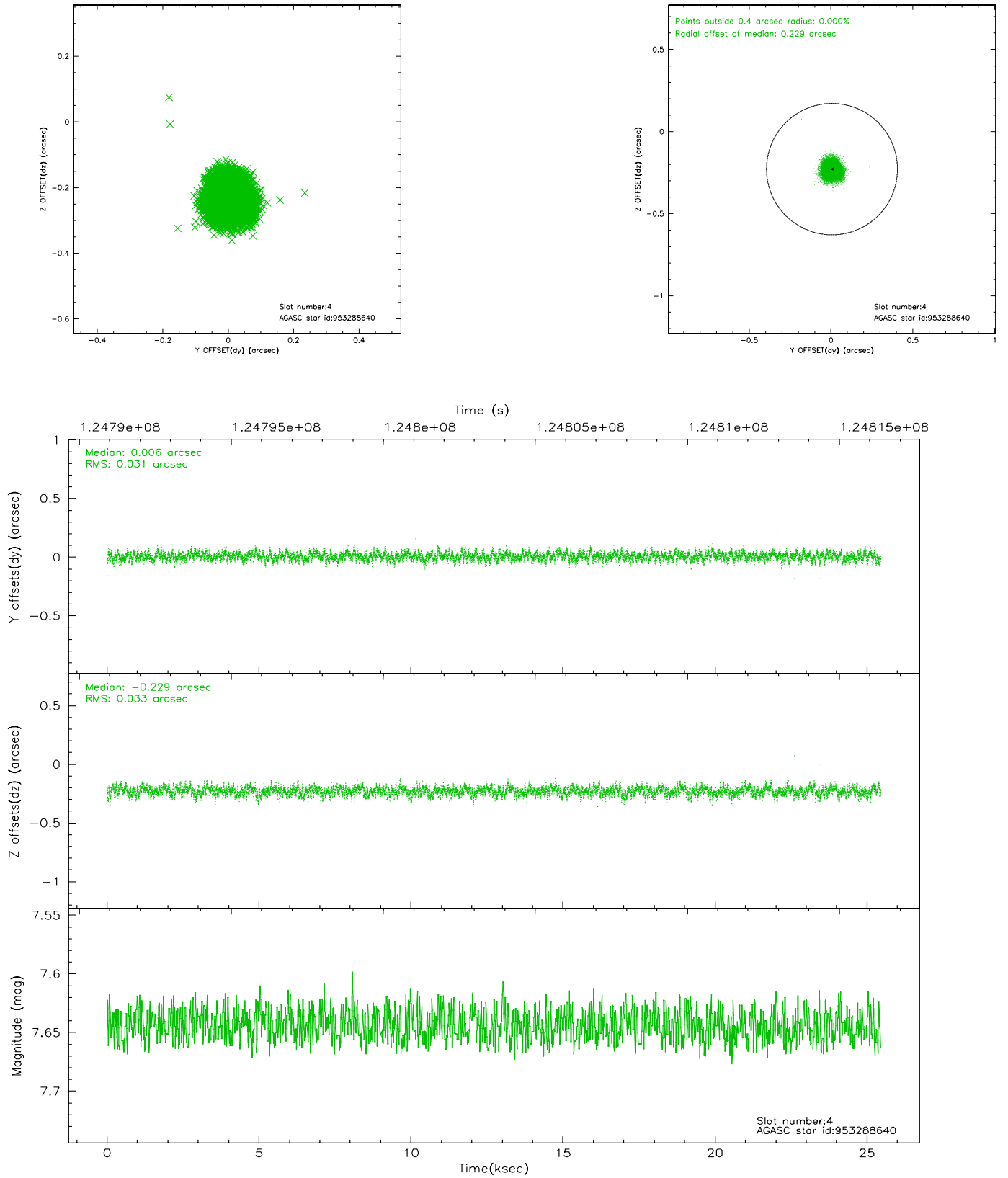
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6209	0.002	0.018	0.009	0.015	0.000000	0.000000	-755.92	-1729.54
1	FID	ACIS-S-4	7.20	6208	-0.064	-0.006	0.007	0.012	0.000000	0.000000	2157.24	178.80
2	FID	ACIS-S-5	7.24	6208	0.031	-0.004	0.009	0.015	0.000000	0.000000	-1808.59	172.61
3	GUIDE	953295296	7.42	12417	0.122	-0.100	0.059	0.095	203.563852	-34.387568	-1603.85	1715.25
4	GUIDE	953288640	7.64	12417	0.006	-0.229	0.048	0.078	203.543121	-34.069013	-466.42	1872.45
5	GUIDE	952779024	8.67	12414	-0.159	-0.058	0.056	0.091	204.034661	-33.479119	1769.44	578.66
6	GUIDE	953296432	9.00	12414	0.135	0.124	0.076	0.121	204.411860	-34.306423	-1112.99	-773.91
7	GUIDE	953430904	9.71	12359	-0.103	0.264	0.099	0.160	204.803338	-33.833276	670.72	-1813.75

2.4 Star Slots

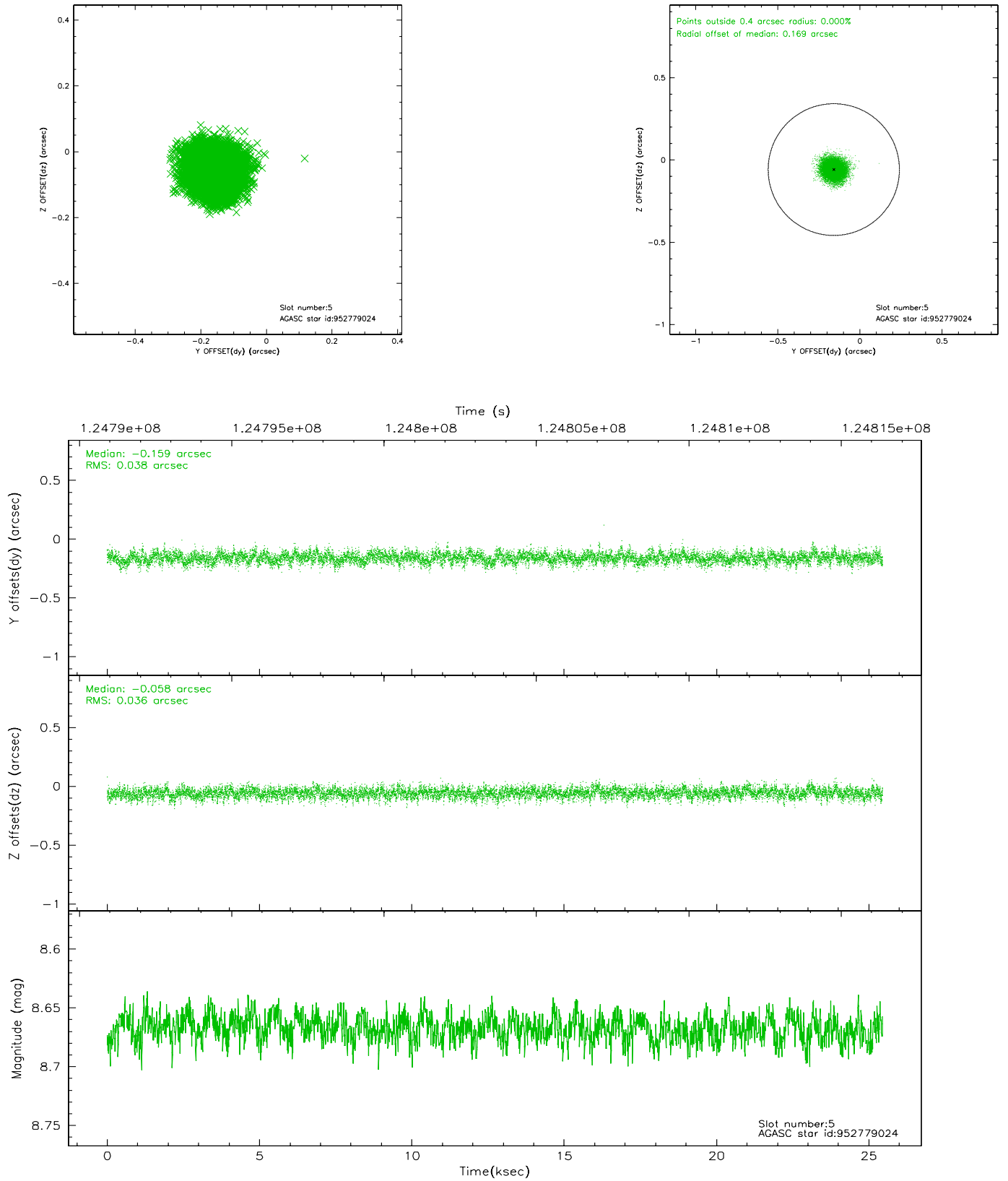
2.4.1 Slot 3



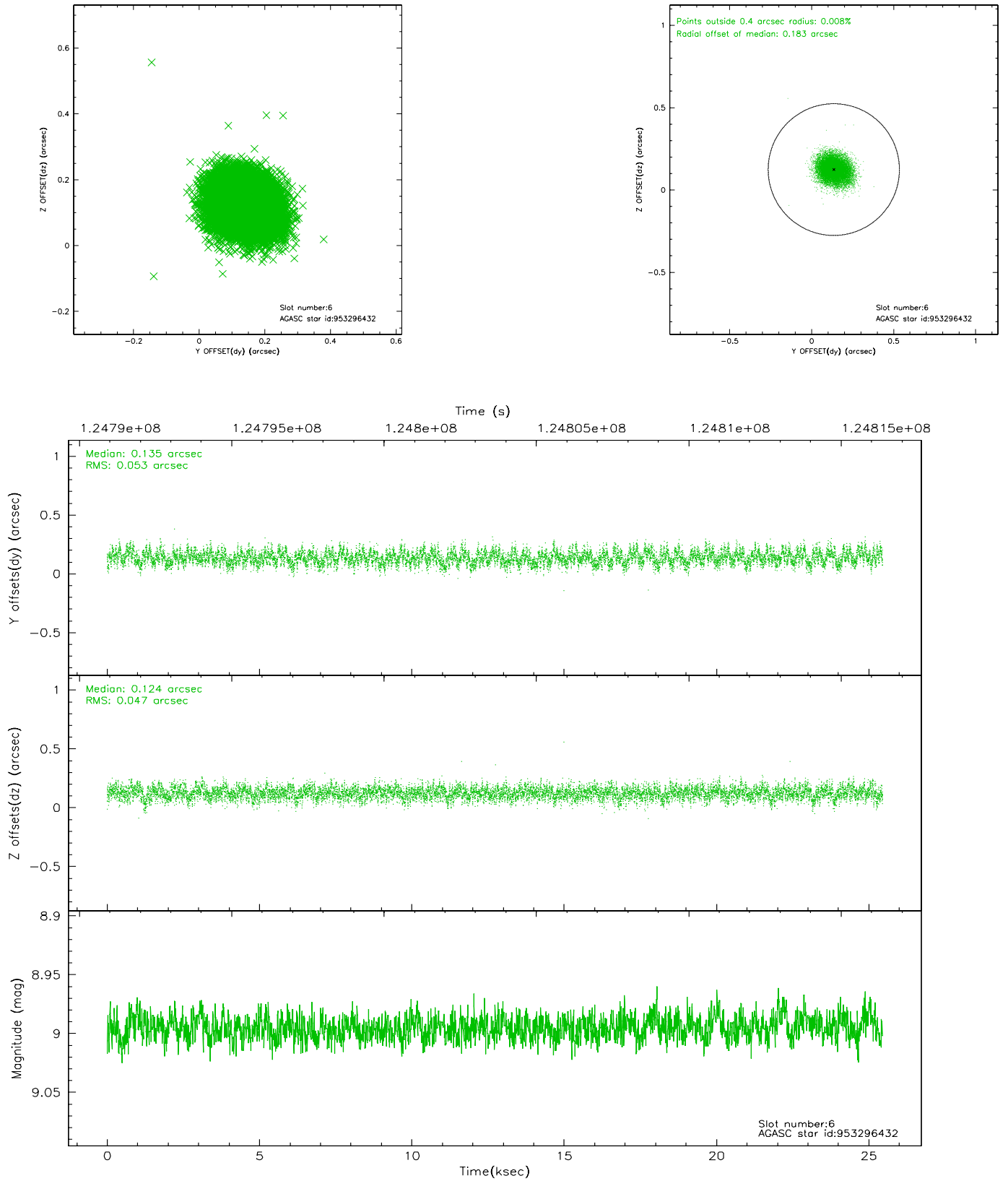
2.4.2 Slot 4



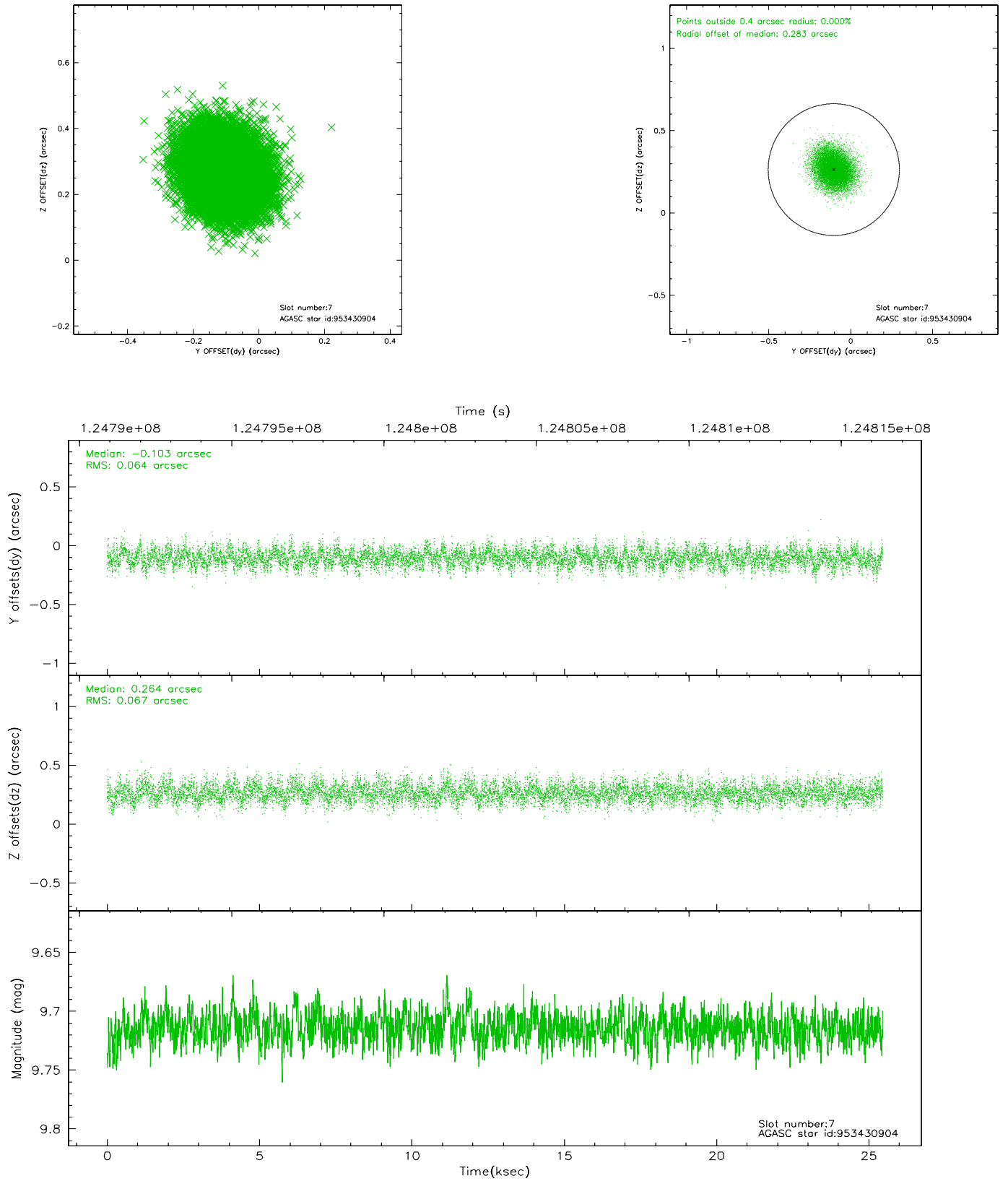
2.4.3 Slot 5



2.4.4 Slot 6

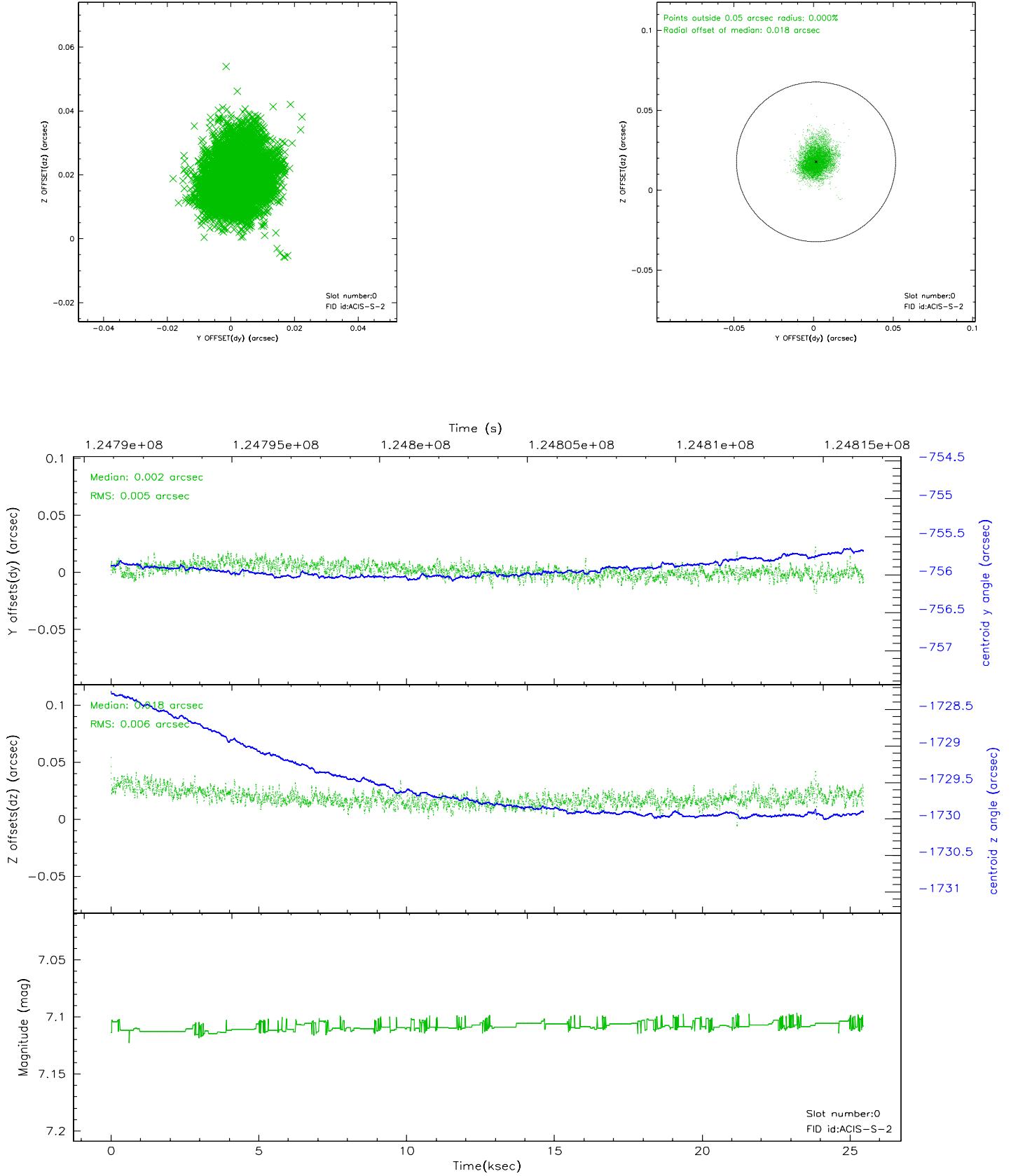


2.4.5 Slot 7

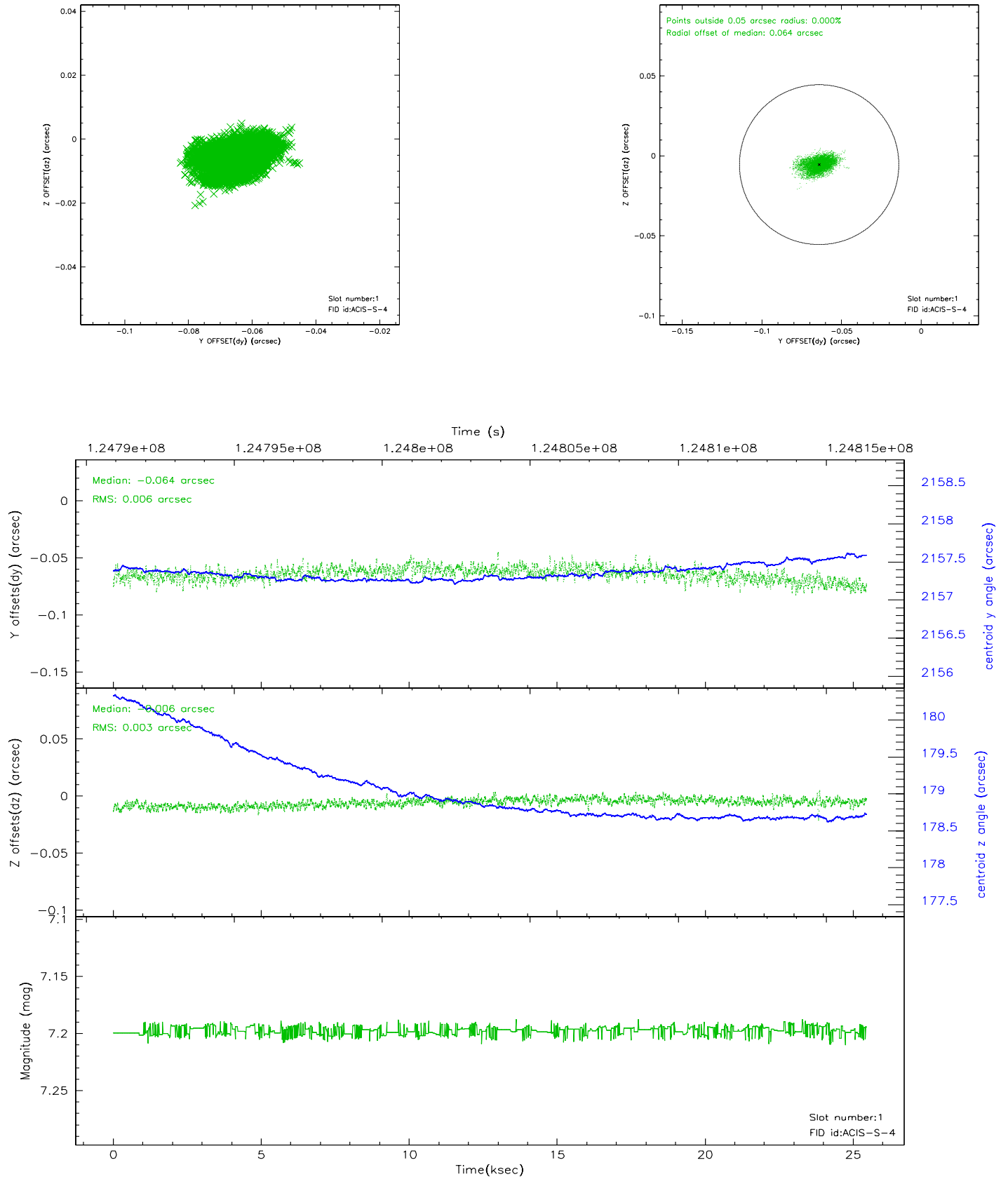


2.5 FID Slots

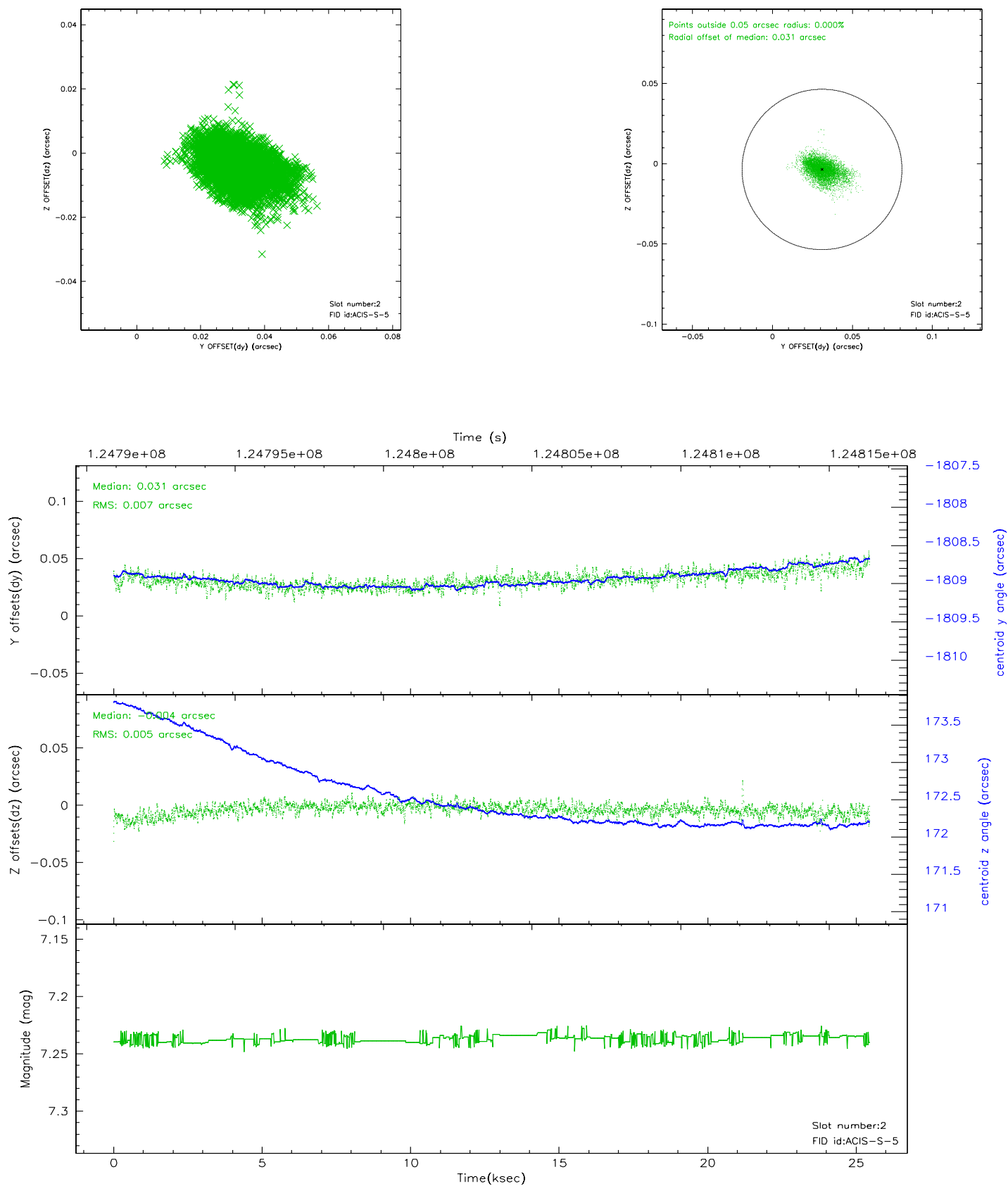
2.5.1 Slot 0



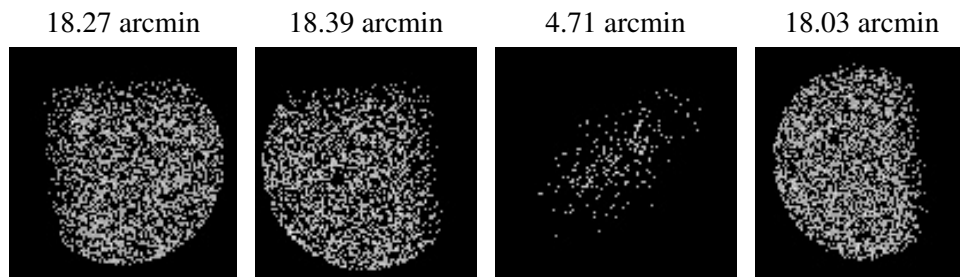
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.401

A.2 Comments