

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4697 - L2 Version 001
Chandra X-Ray Center

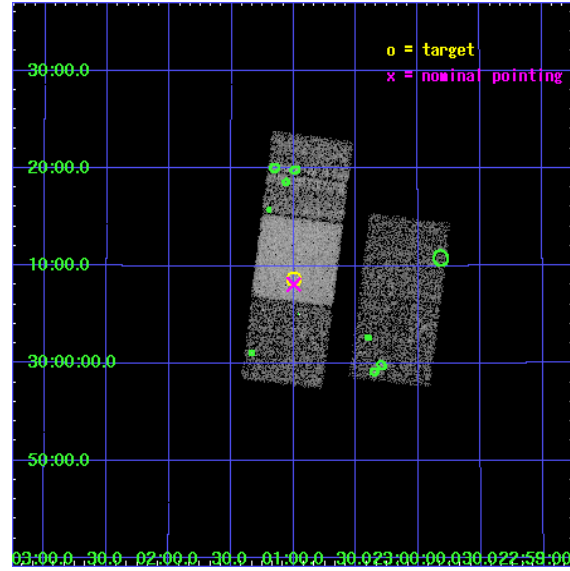
L2 Processing Date : Jun 28 2006

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

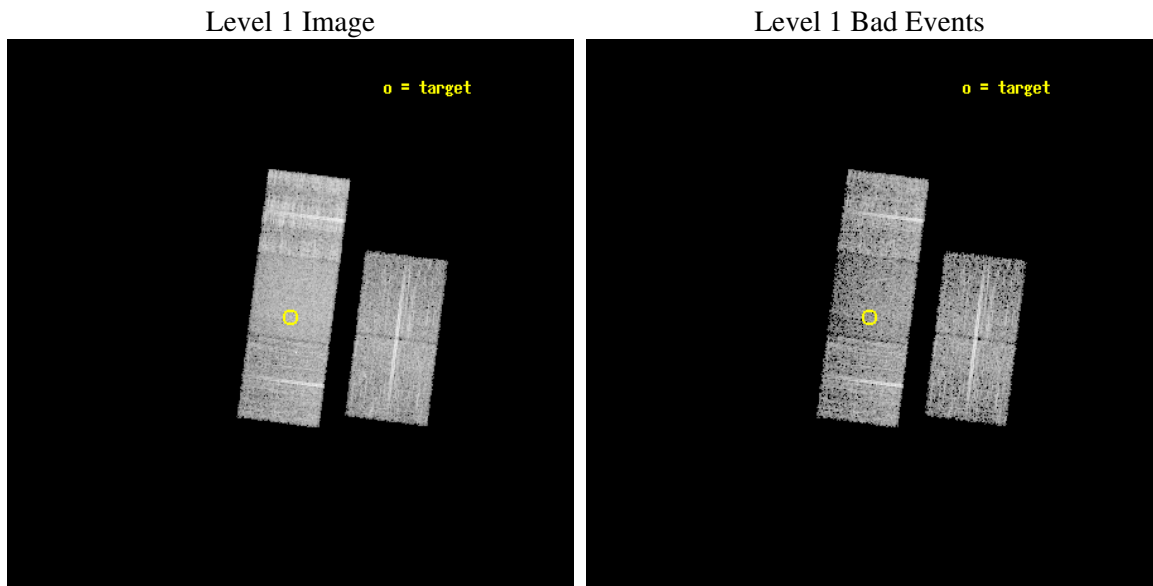
seq_num	600352
obs_id	4697
title	Physics of Accretion Flows in Ultra-low Luminosity AGNs: A Mini Survey of a Distance-Limited Sample of Inactive Galaxies
observer	Dr. Yuichi Terashima
object	NGC 7457
dtcycle	0
cycle	P
ra_targ	345.25
dec_targ	30.145
ra_nom	345.2495045686
dec_nom	30.135374082221
roll_nom	277.29164290001
revision	2
ontime	9107.7999824882
livetime	8988.7998706521
ontime2	9104.6590122283
ontime3	9107.7999824882
ontime6	9101.5180419981
ontime7	9107.7999824882
ontime8	9107.7999824882
l2events	43042



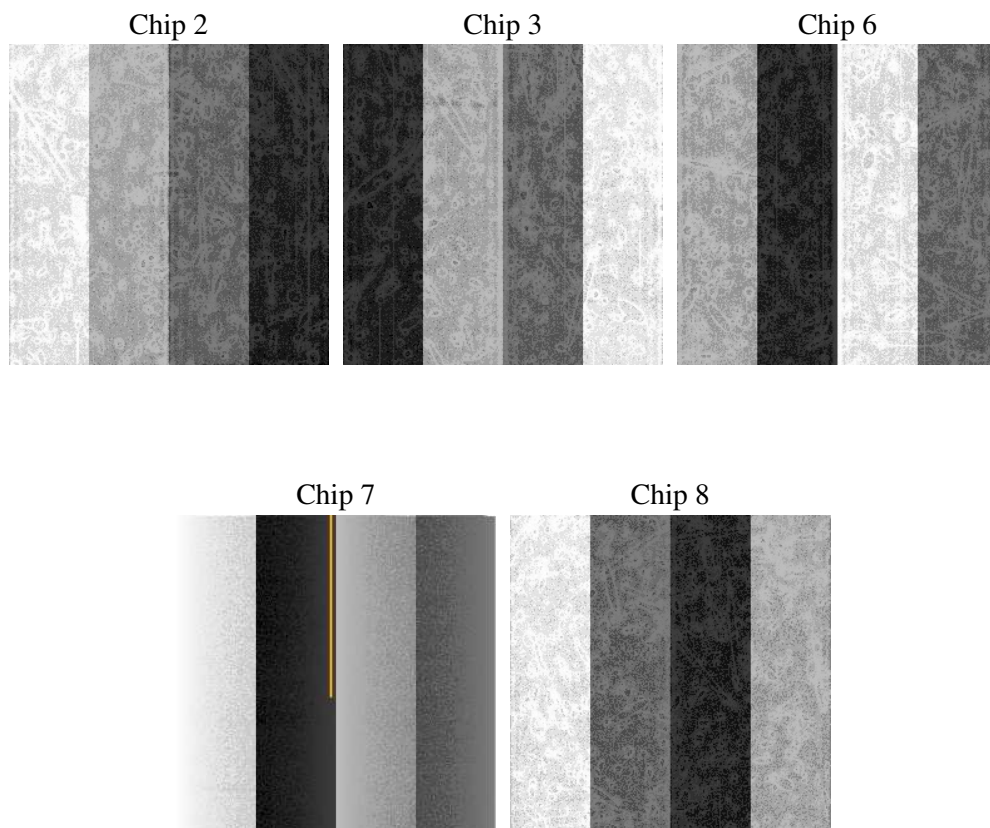
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-28T03:56:11
revision	2

sched_exp_time	9000.000000
ontime	9112.0548351705
ontime2	9108.9138649106
ontime3	9112.0548351705
ontime6	9105.7728946805
ontime7	9112.0548351705
ontime8	9112.0548351705
l1events	229739

2.1.4 Events

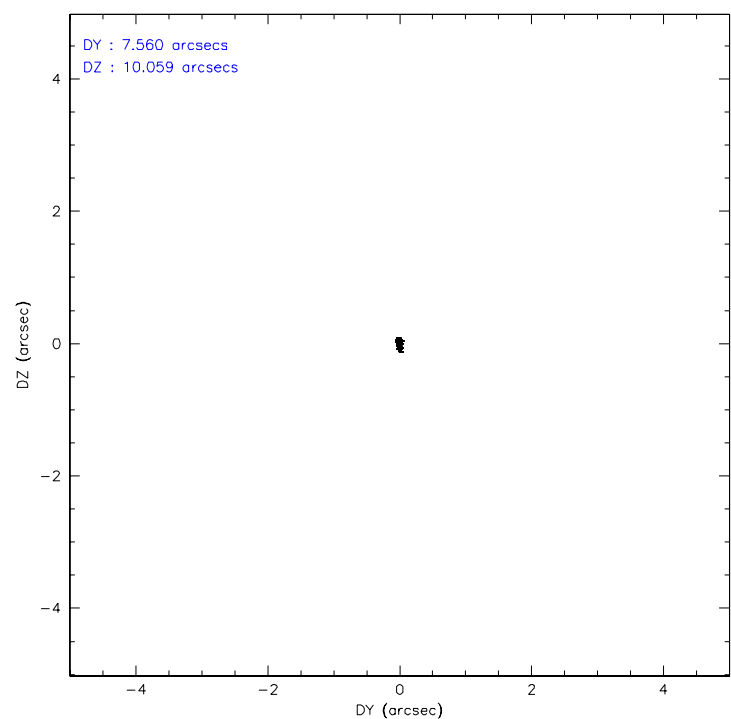
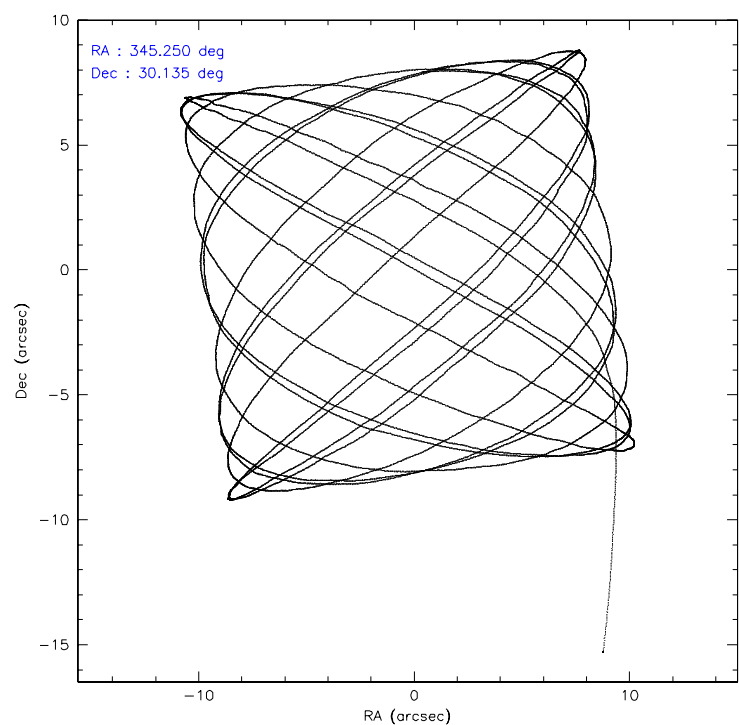
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	41085	37127	40912	48325	62290
rejected events	35704	32465	35197	25759	40100
rejected %	86%	87%	86%	53%	64%

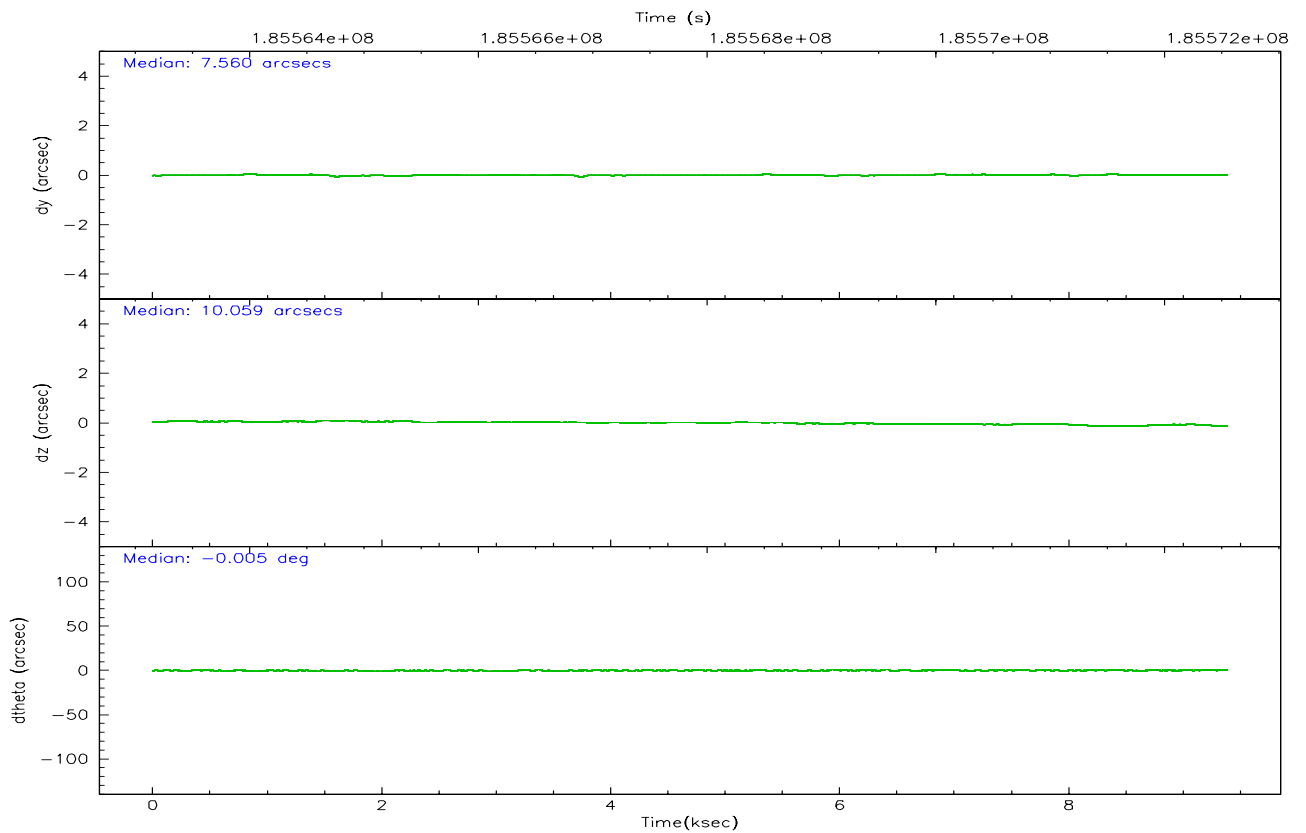
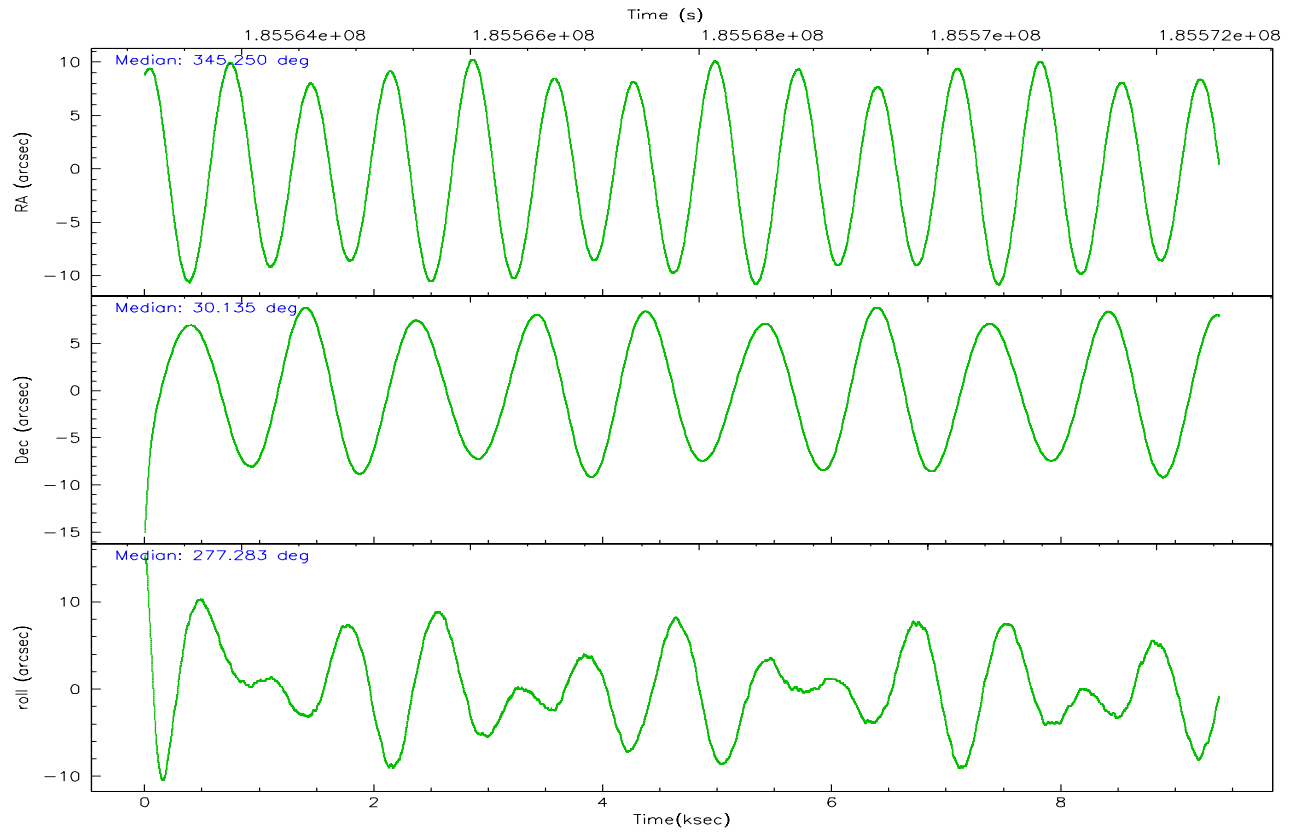
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	2413	1848	2526	1733	7600
	5%	4%	6%	3%	12%
grade 1 events	25	16	19	19	50
	0%	0%	0%	0%	0%
grade 2 events	1100	903	1116	5479	3779
	2%	2%	2%	11%	6%
grade 3 events	494	524	486	1385	3102
	1%	1%	1%	2%	4%
grade 4 events	563	491	501	1349	2815
	1%	1%	1%	2%	4%
grade 5 events	1305	1542	1616	3326	2421
	3%	4%	3%	6%	3%
grade 6 events	815	898	1088	12626	4895
	1%	2%	2%	26%	7%
grade 7 events	34370	30905	33560	22408	37628
	83%	83%	82%	46%	60%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	345.230027	345.2495045685961	Alternating exposures requested	N	N
Pointing Dec	30.156781	30.13537408222065	Primary exposure time	0.000000	3.1
Pointing Roll	277.144759	277.2916429000113			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	185563537.184000	185562475.86062			
Observation start date	2003-11-18T17:24:33	2003-11-18T17:07:55			
Observation end time	185572537.184000	185573267.06109			
Observation end date	2003-11-18T19:54:33	2003-11-18T20:07:47			
Read mode	TIMED	TIMED			

2.3 Aspect



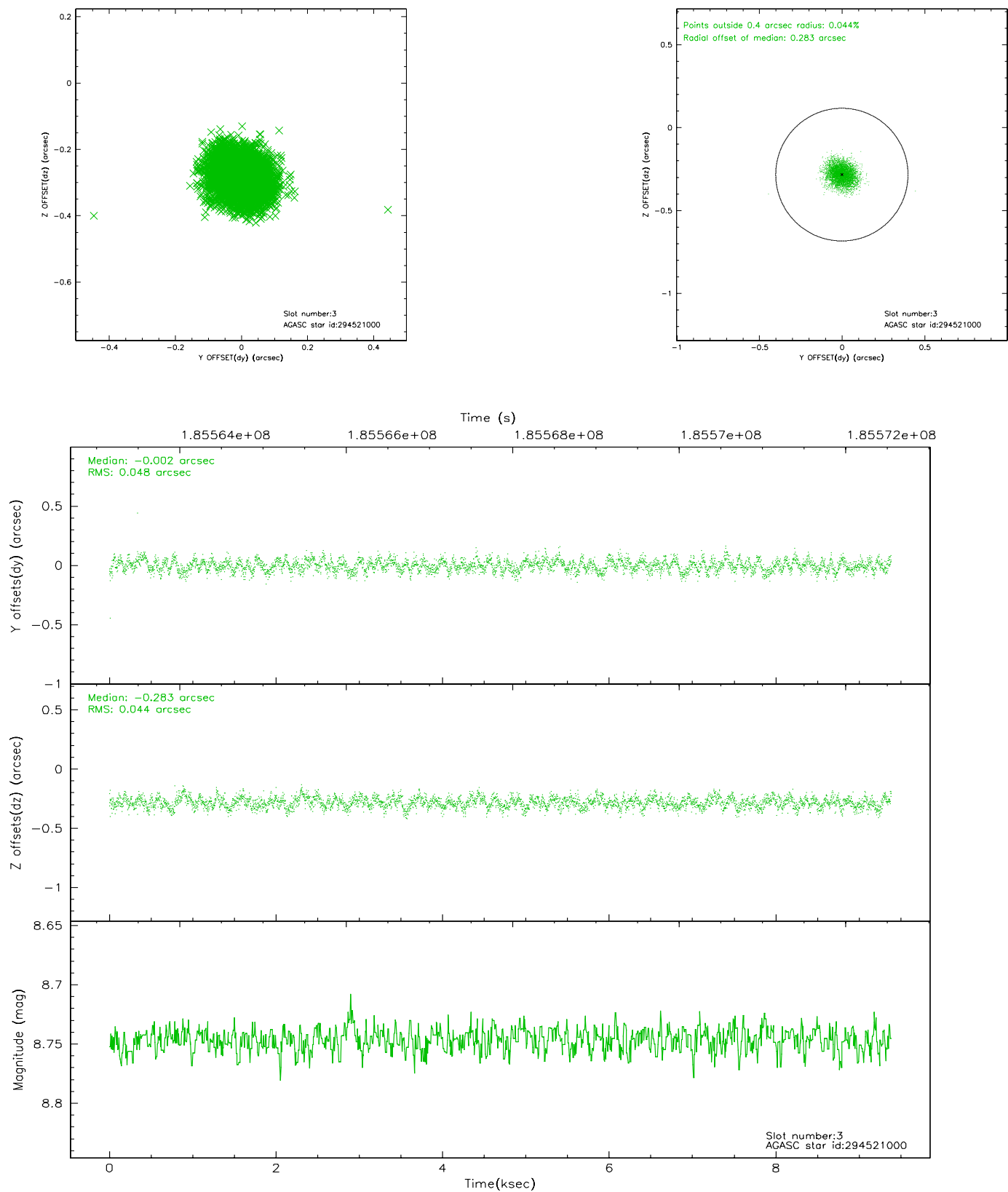


Slot Statistics

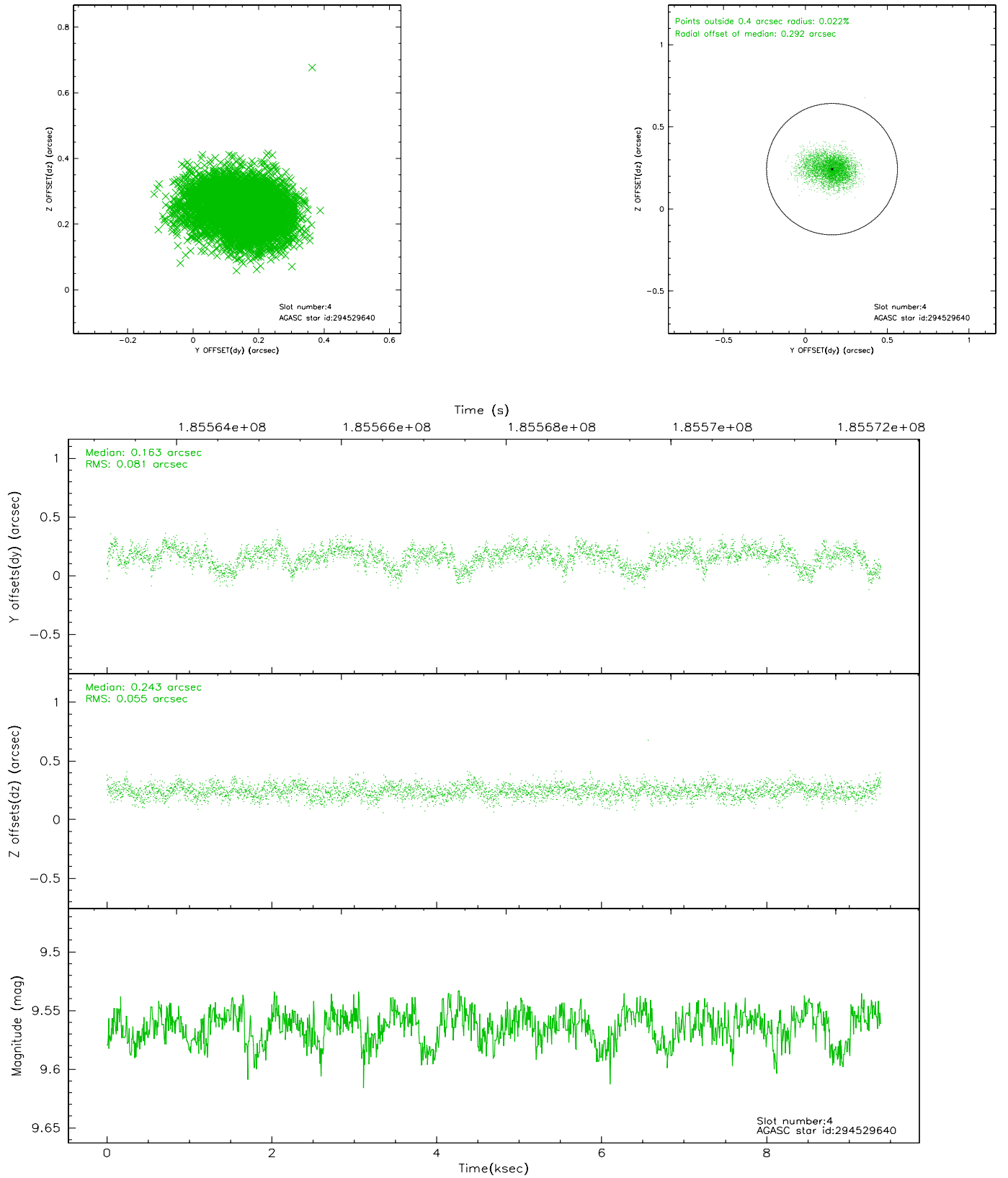
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2289	-0.031	0.009	0.007	0.011	0.000000	0.000000	-760.32	-1731.31
1	FID	ACIS-S-4	7.20	2289	0.036	0.013	0.005	0.009	0.000000	0.000000	2152.72	176.65
2	FID	ACIS-S-5	7.23	2289	-0.036	-0.013	0.006	0.010	0.000000	0.000000	-1812.47	170.86
3	GUIDE	294521000	8.75	4576	-0.002	-0.283	0.069	0.112	345.644032	29.805065	1414.92	1125.88
4	GUIDE	294529640	9.56	4576	0.163	0.243	0.102	0.171	345.830766	29.734623	1737.10	1675.60
5	GUIDE	360449216	8.49	4578	0.020	-0.022	0.074	0.118	344.607331	30.221870	-477.75	-1892.08
6	GUIDE	360456096	9.15	4578	-0.044	-0.002	0.081	0.135	344.537529	30.365373	-1018.82	-2040.76
7	GUIDE	360453376	9.82	4573	-0.130	0.073	0.144	0.235	345.974076	30.377796	-510.08	2392.23

2.4 Star Slots

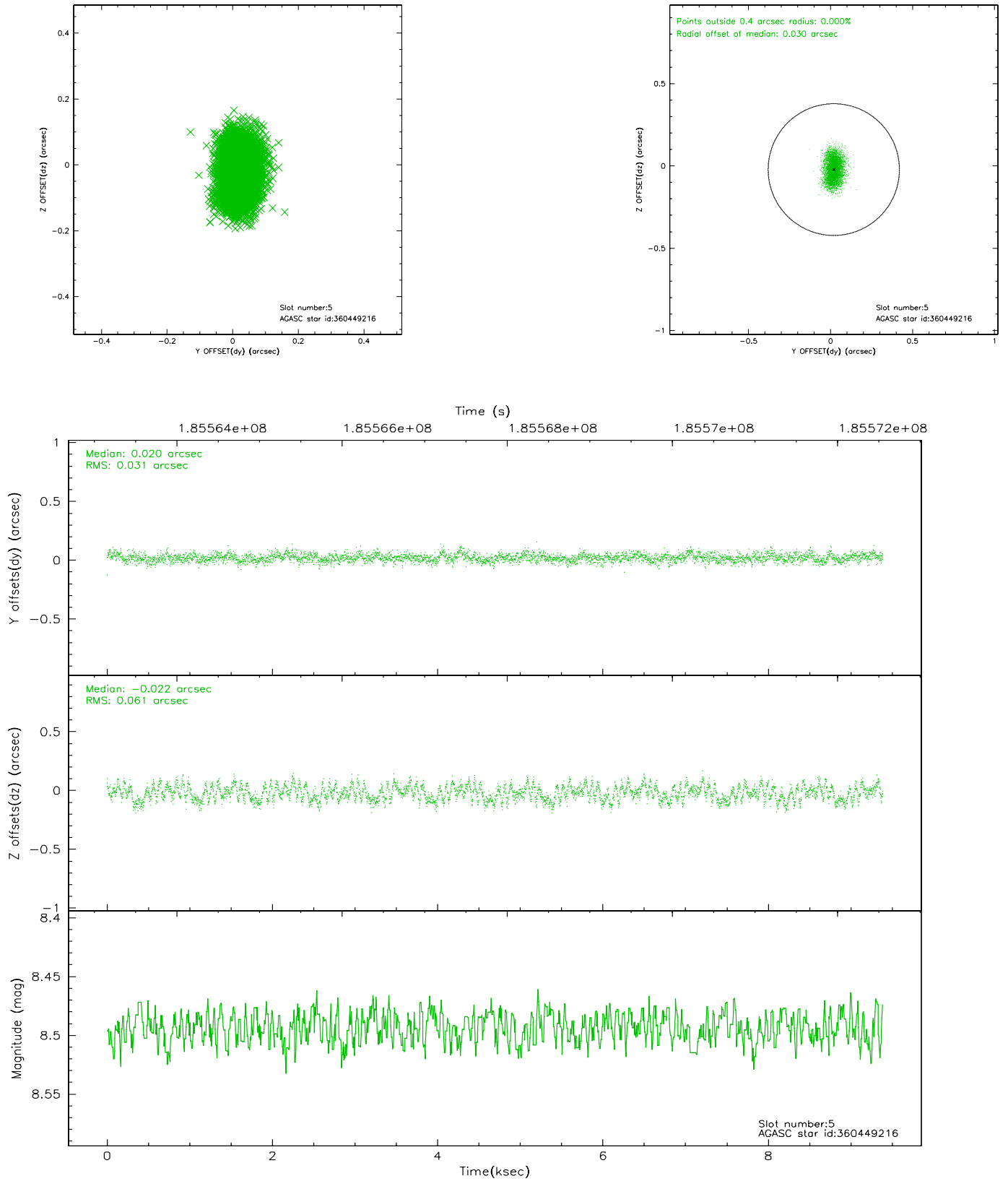
2.4.1 Slot 3



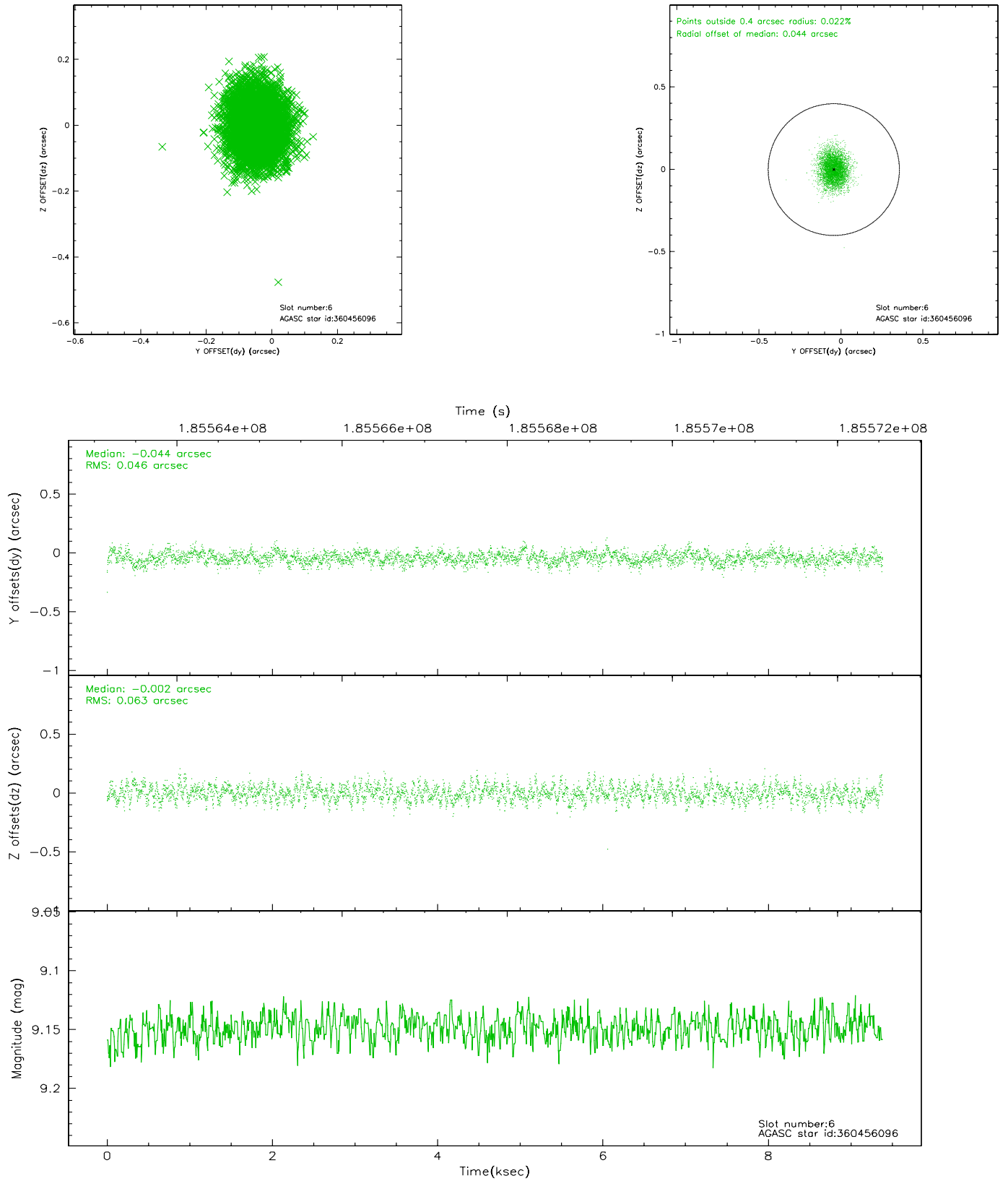
2.4.2 Slot 4



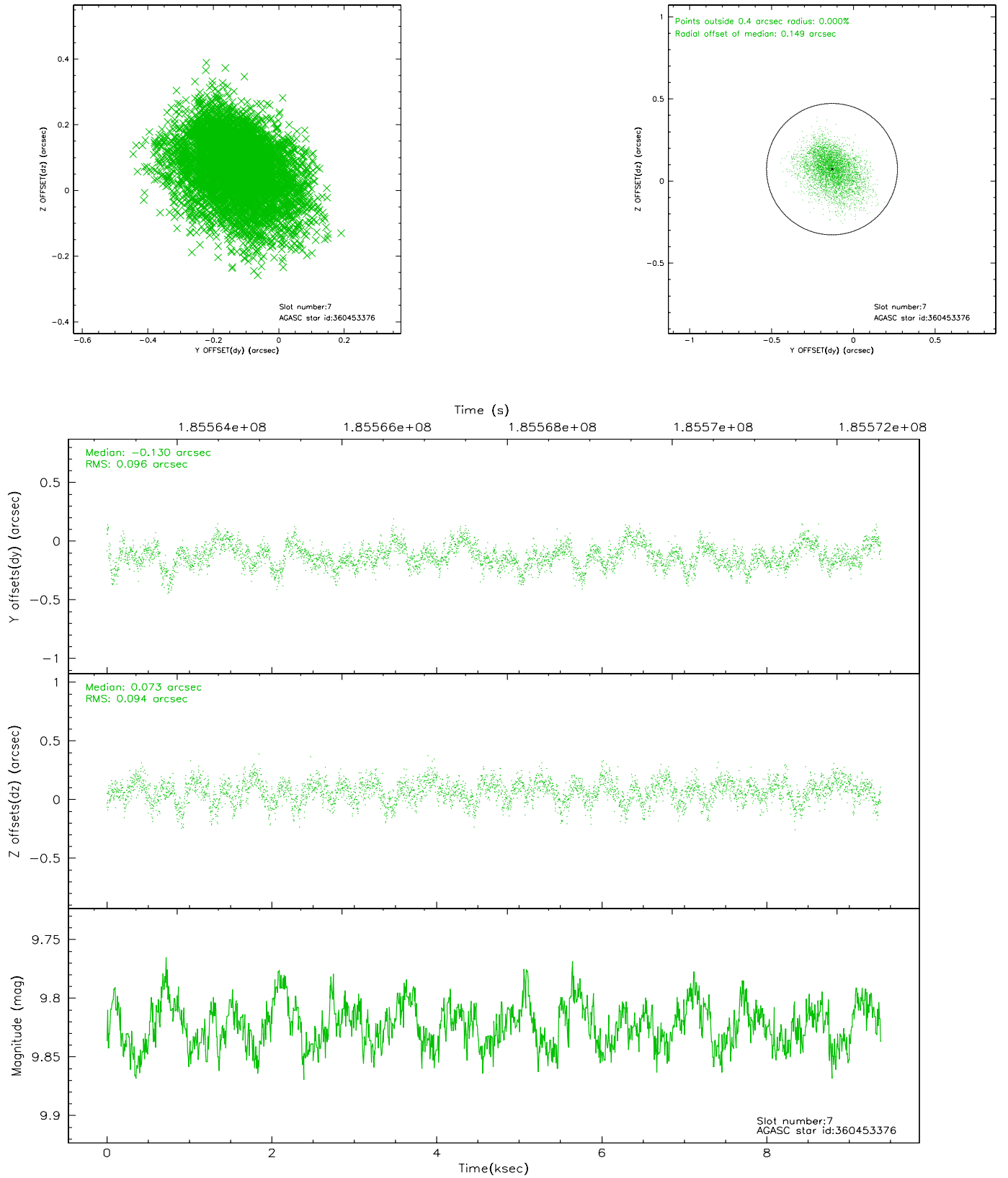
2.4.3 Slot 5



2.4.4 Slot 6

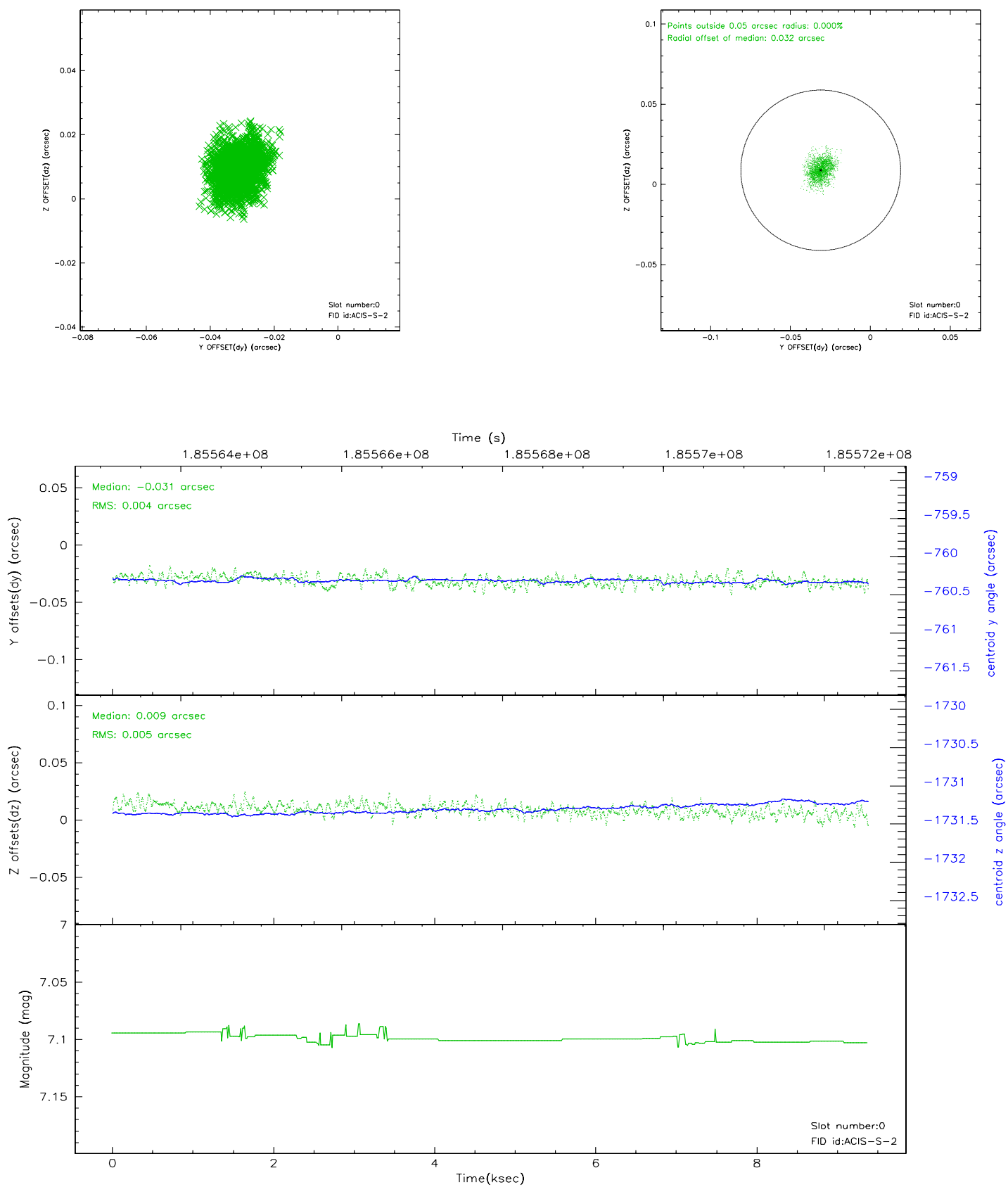


2.4.5 Slot 7

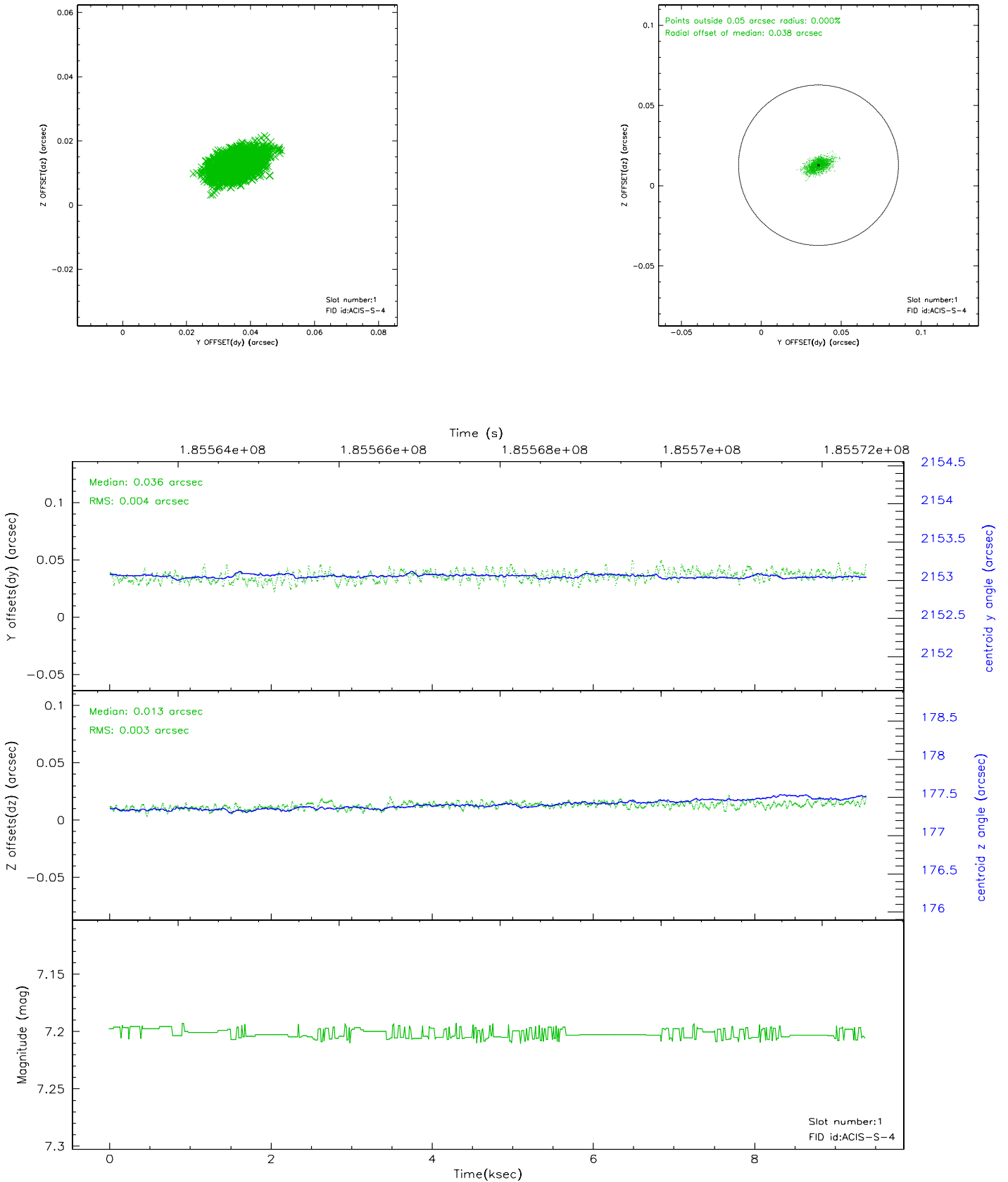


2.5 FID Slots

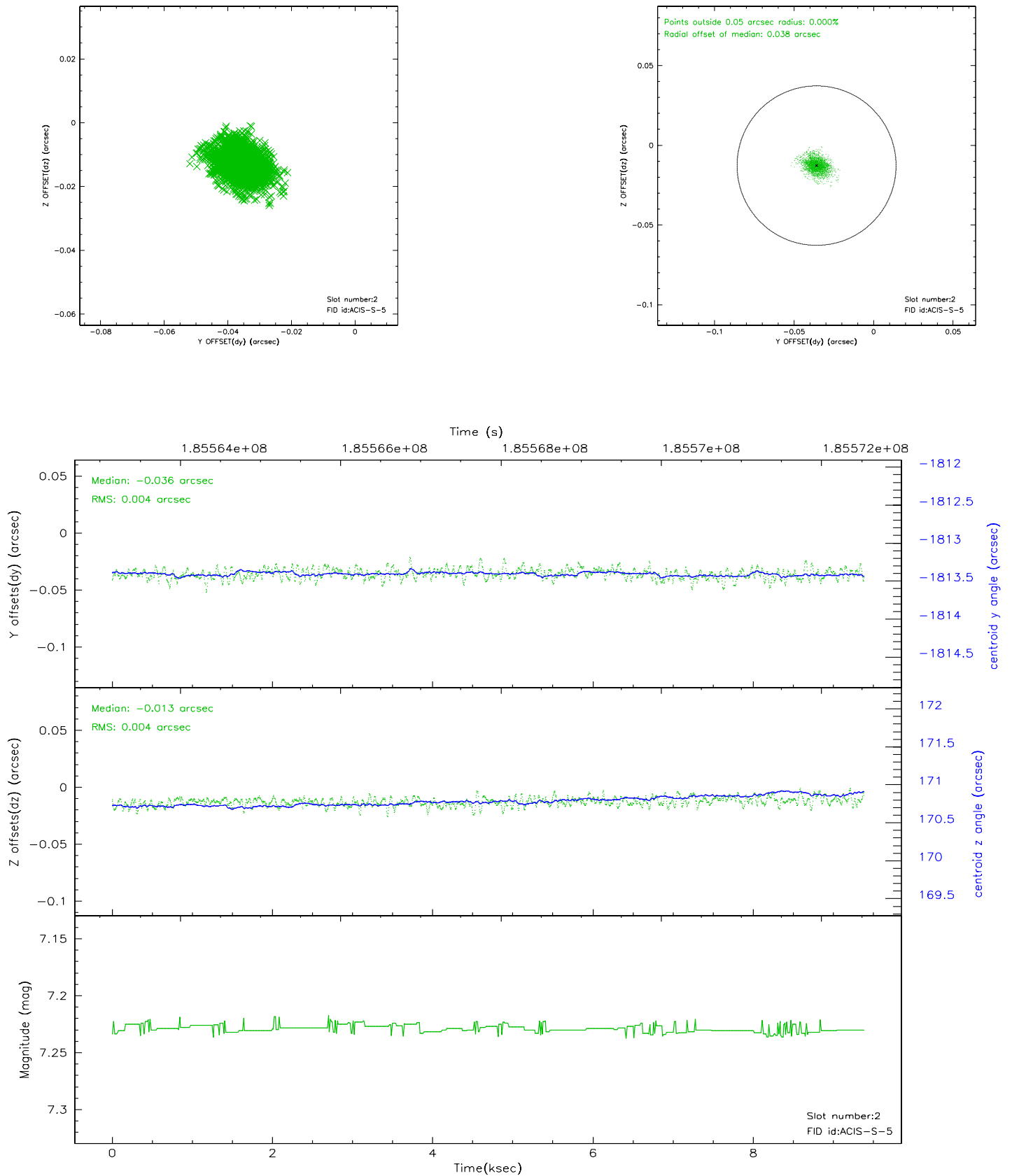
2.5.1 Slot 0



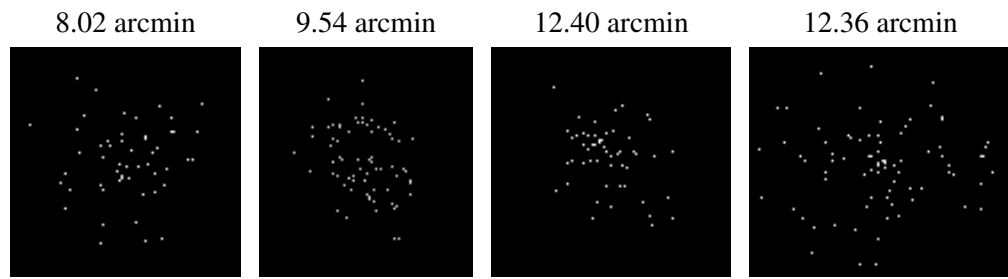
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.107

A.2 Comments