

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5280 - L2 Version 001
Chandra X-Ray Center

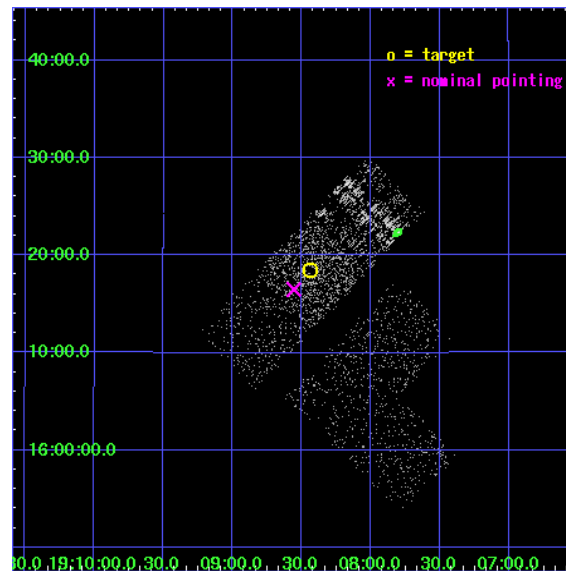
L2 Processing Date : Jun 26 2006

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1 Front

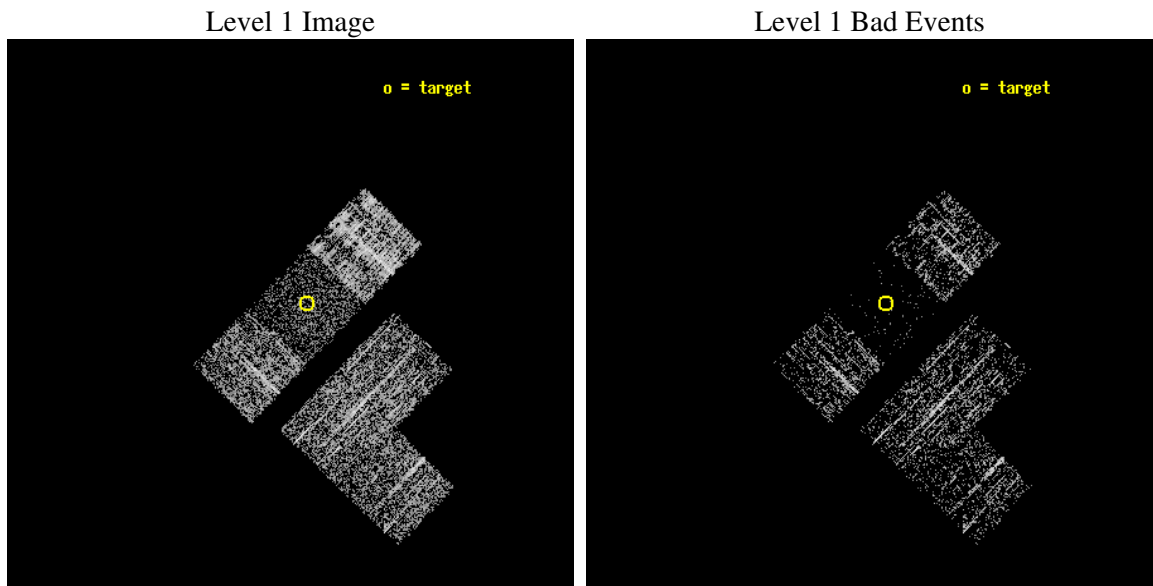
seq_num	100051
obs_id	5280
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.10908
dec_targ	16.30725
ra_nom	287.13923052962
dec_nom	16.275007487239
roll_nom	314.14820988415
revision	2
ontime	1471.9999945164
livetime	1453.3606442538
ontime0	1471.9999945164
ontime2	1471.9999945164
ontime3	1471.9999945164
ontime6	1471.9999945164
ontime7	1471.9999945164
ontime8	1471.9999945164
l2events	3957



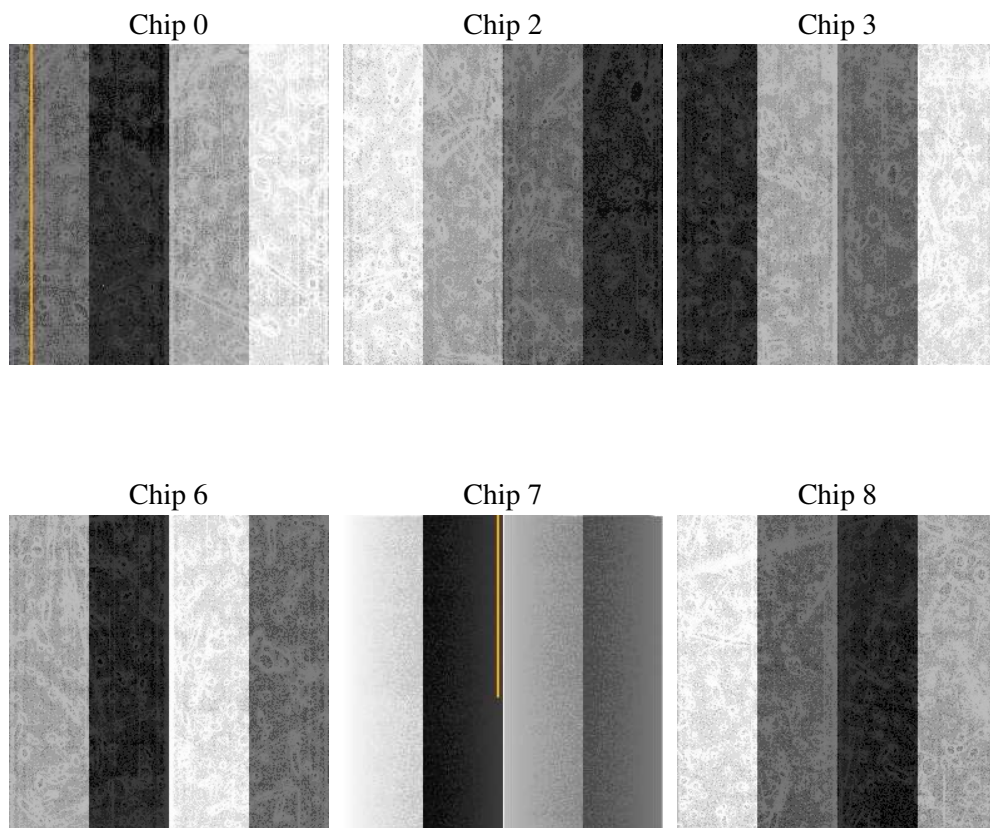
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T20:42:42
revision	2

sched_exp_time	1290.000000
ontime	1798.7558577359
ontime0	1798.7558577359
ontime2	1798.7558278441
ontime3	1798.7558577359
ontime6	1798.7558577359
ontime7	1798.7558577359
ontime8	1798.7557979226
l1events	38341

2.1.4 Events

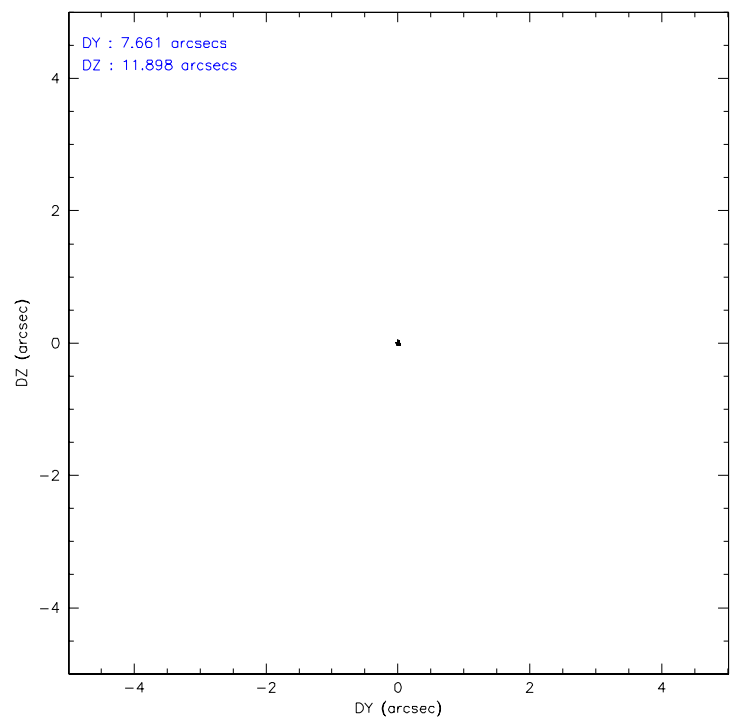
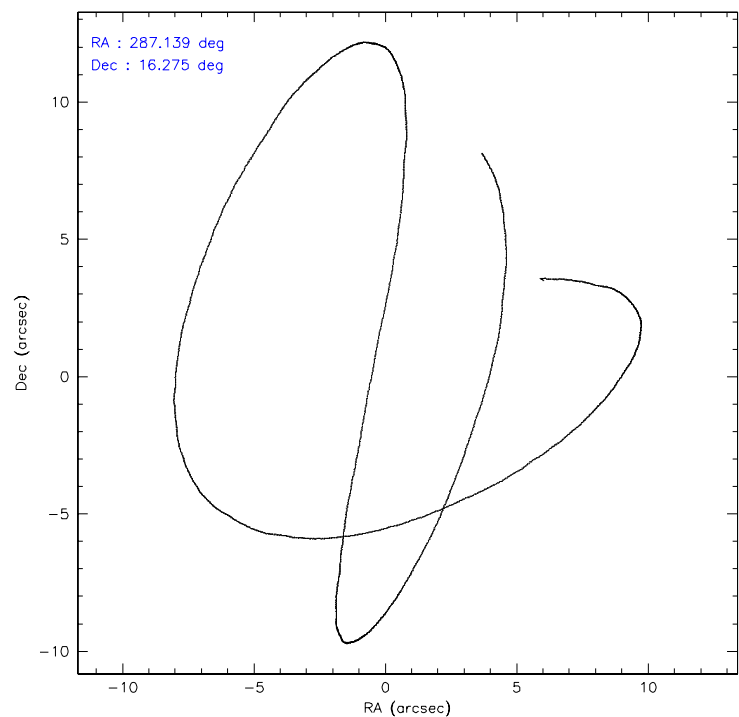
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5403	6788	6180	5951	2103	11916
rejected events	4966	6288	5803	5475	909	7196
rejected %	91%	92%	93%	92%	43%	60%

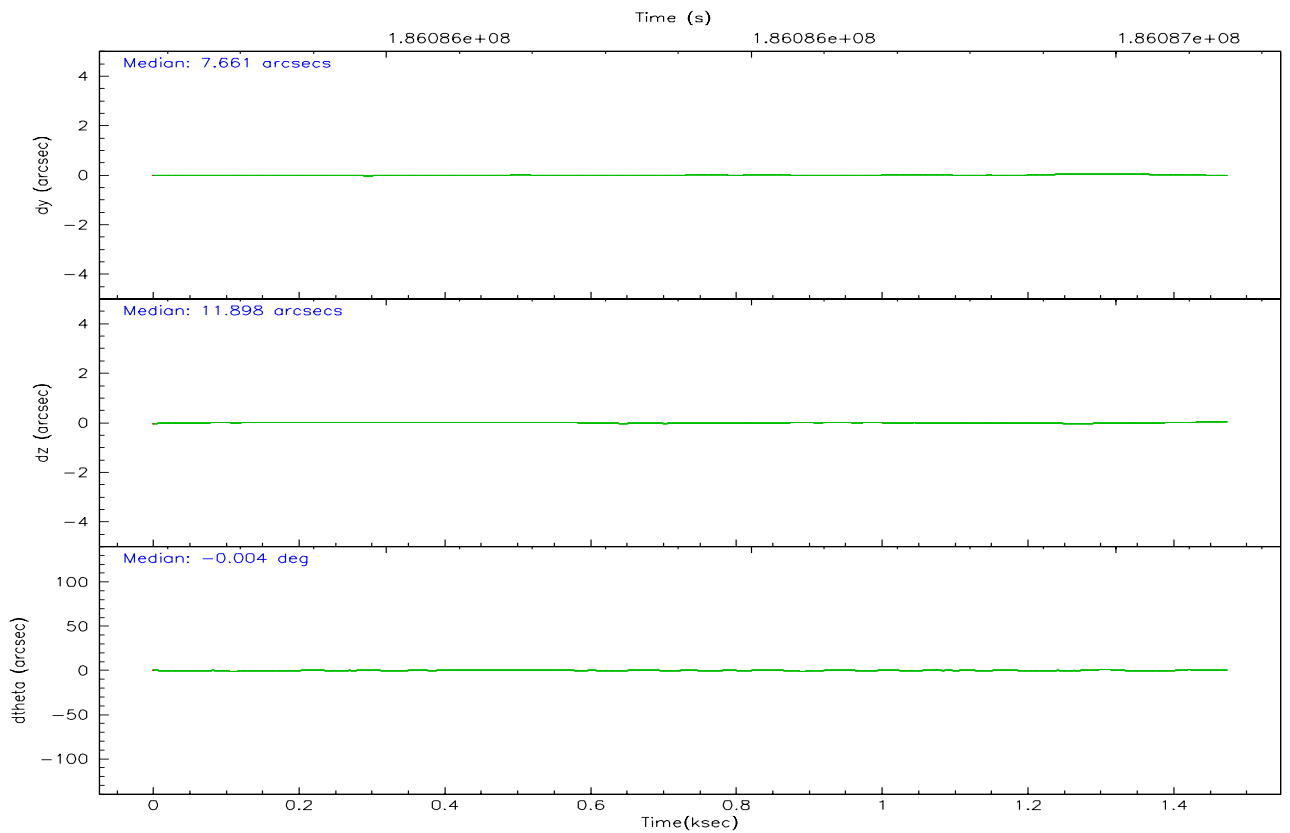
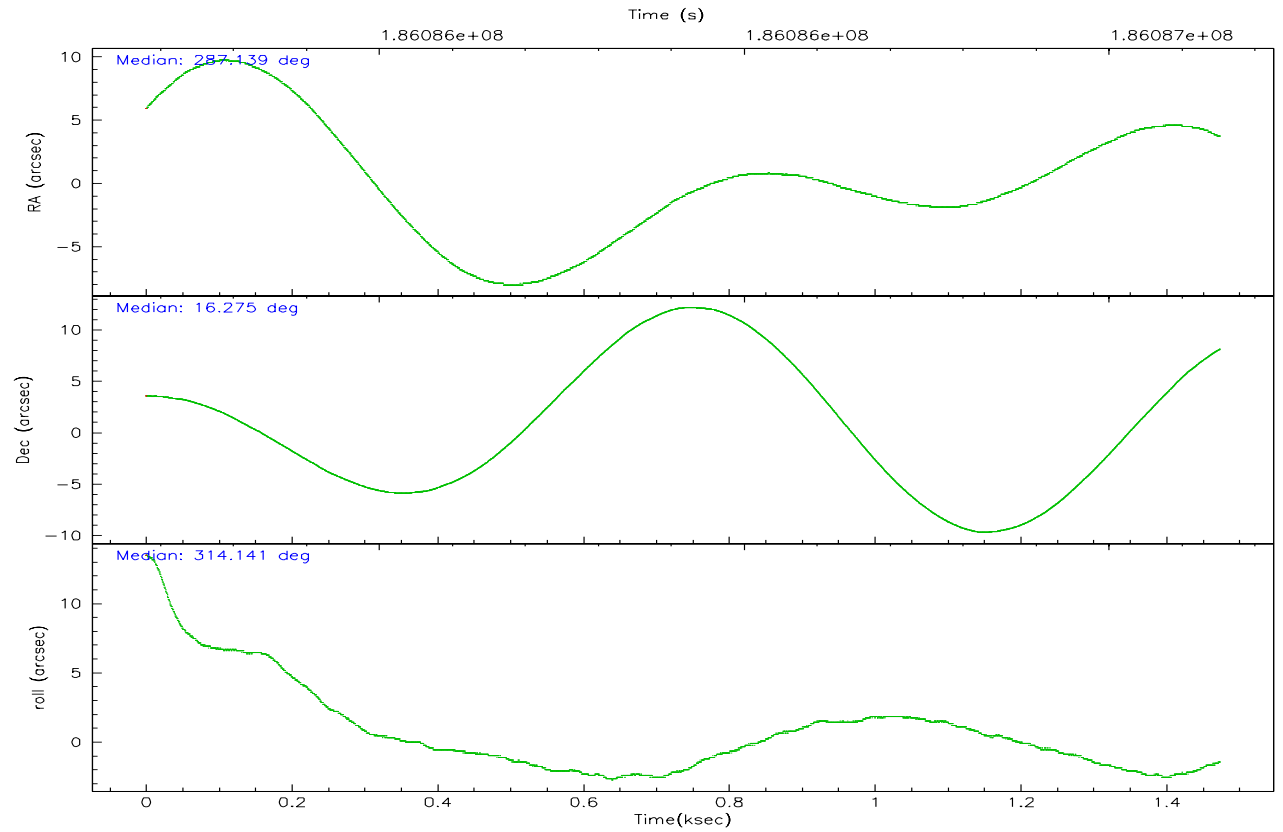
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	248	266	222	292	285	1692
	4%	3%	3%	4%	13%	14%
grade 1 events	0	0	3	1	1	10
	0%	0%	0%	0%	0%	0%
grade 2 events	145	170	85	143	450	853
	2%	2%	1%	2%	21%	7%
grade 3 events	42	43	58	49	159	963
	0%	0%	0%	0%	7%	8%
grade 4 events	44	60	45	40	143	896
	0%	0%	0%	0%	6%	7%
grade 5 events	57	44	59	61	137	160
	1%	0%	0%	1%	6%	1%
grade 6 events	46	73	46	54	438	1389
	0%	1%	0%	0%	20%	11%
grade 7 events	4821	6132	5662	5311	490	5953
	89%	90%	91%	89%	23%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-023678	ACIS-023678	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	287.111451	287.1392305296216	Alternating exposures requested	N	N
Pointing Dec	16.282340	16.2750074872389	Primary exposure time	0.000000	3.2
Pointing Roll	313.999323	314.1482098841531			
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	186085864.184000	186085487.77079			
Observation start date	2003-11-24T18:30:00	2003-11-24T18:24:47			
Observation end time	186087154.184000	186087287.67087			
Observation end date	2003-11-24T18:51:30	2003-11-24T18:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



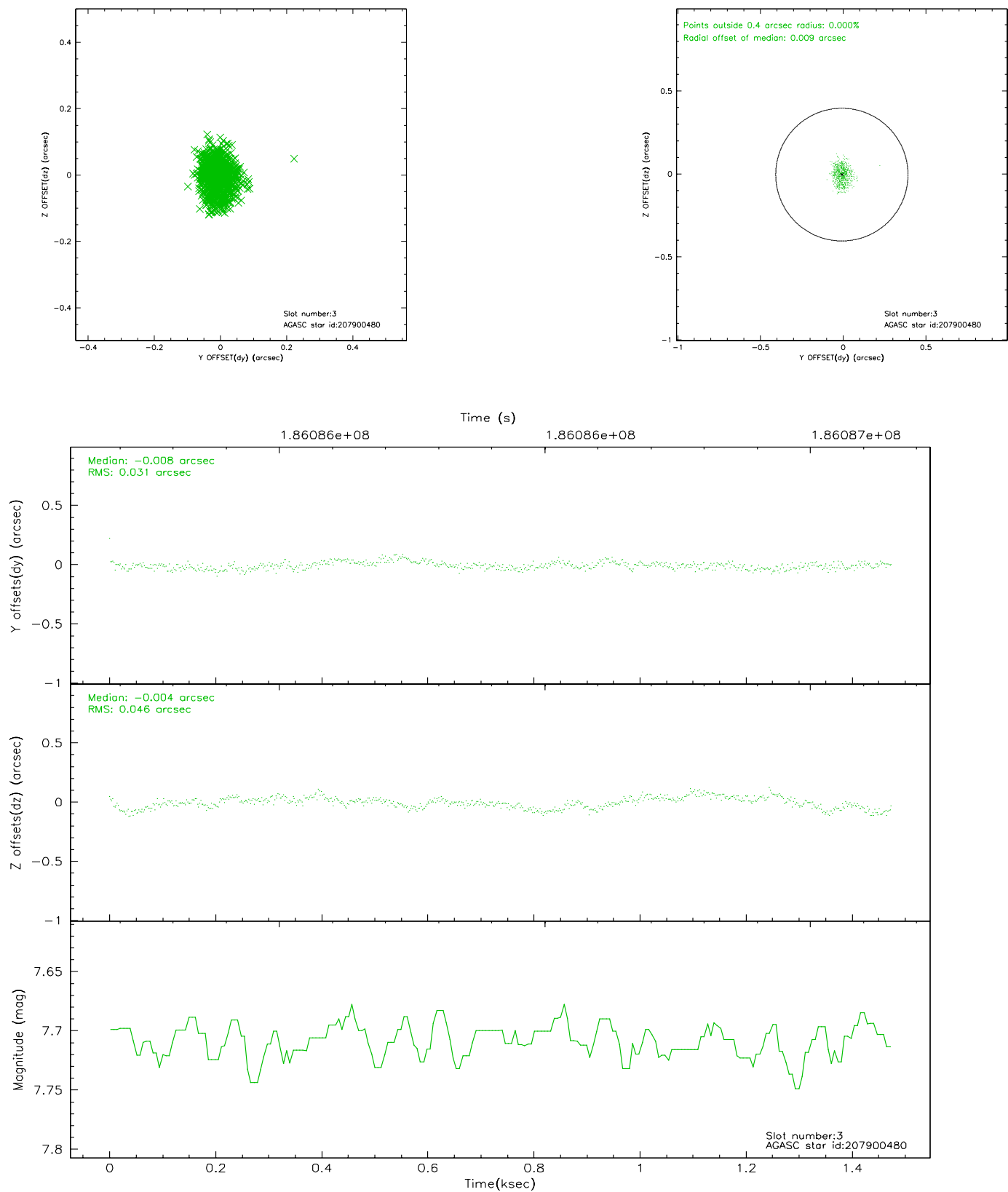


Slot Statistics

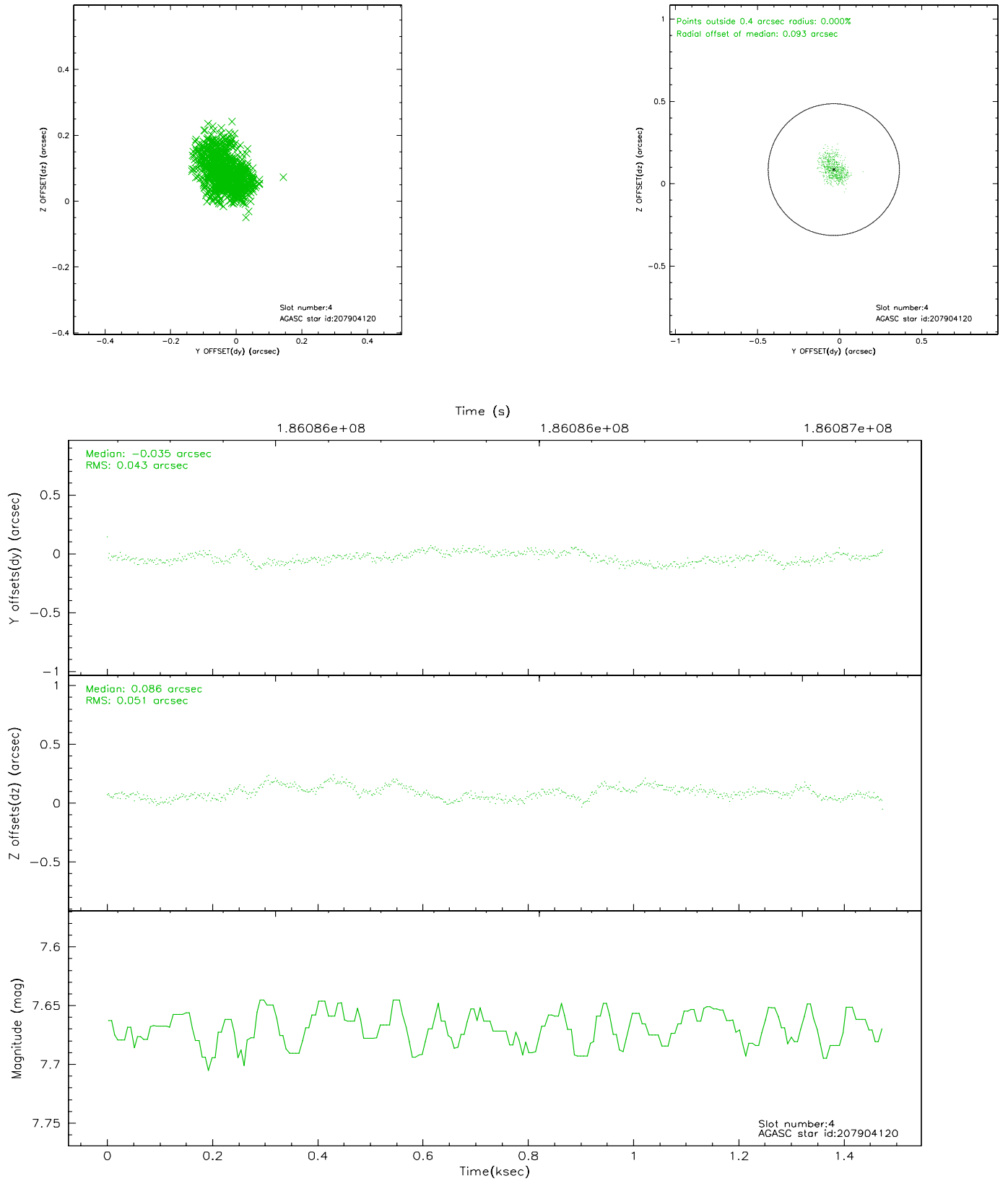
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	360	0.005	0.018	0.006	0.010	0.000000	0.000000	-760.42	-1733.17
1	FID	ACIS-S-4	7.20	360	-0.006	-0.007	0.005	0.009	0.000000	0.000000	2150.80	170.63
2	FID	ACIS-S-5	7.23	360	-0.030	-0.003	0.006	0.010	0.000000	0.000000	-1807.53	169.41
3	GUIDE	207900480	7.71	720	-0.008	-0.004	0.060	0.096	286.932282	16.070409	116.92	-975.71
4	GUIDE	207904120	7.67	720	-0.035	0.086	0.073	0.108	286.904195	16.289988	-518.62	-497.27
5	GUIDE	207909176	8.42	720	-0.015	-0.096	0.072	0.118	287.357845	16.116738	1018.41	198.53
6	GUIDE	207916440	6.83	720	-0.207	0.047	0.077	0.128	287.167522	16.851310	-1339.33	1561.50
7	GUIDE	207907984	9.33	718	0.284	-0.028	0.188	0.269	287.467981	15.973007	1654.59	117.05

2.4 Star Slots

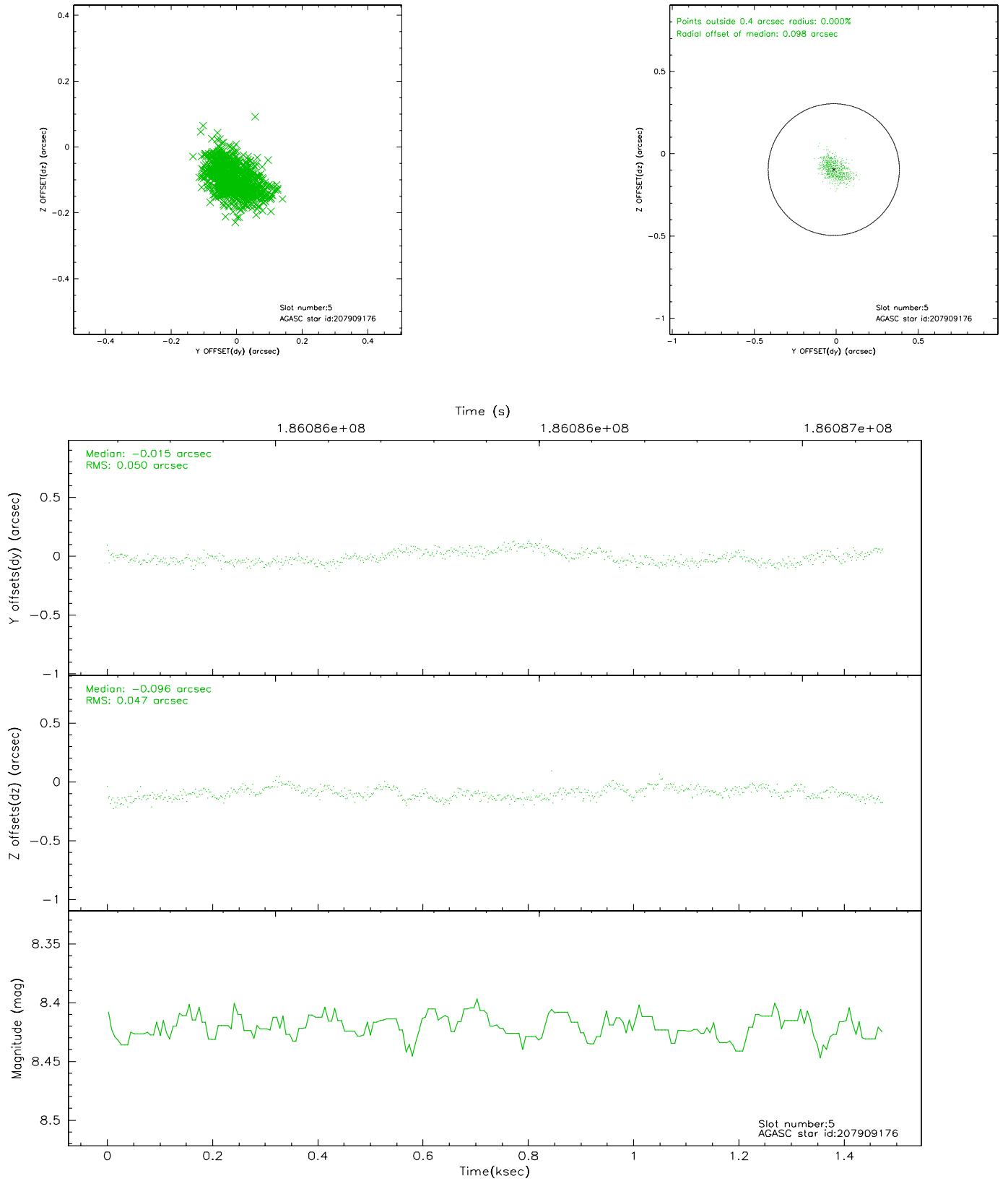
2.4.1 Slot 3



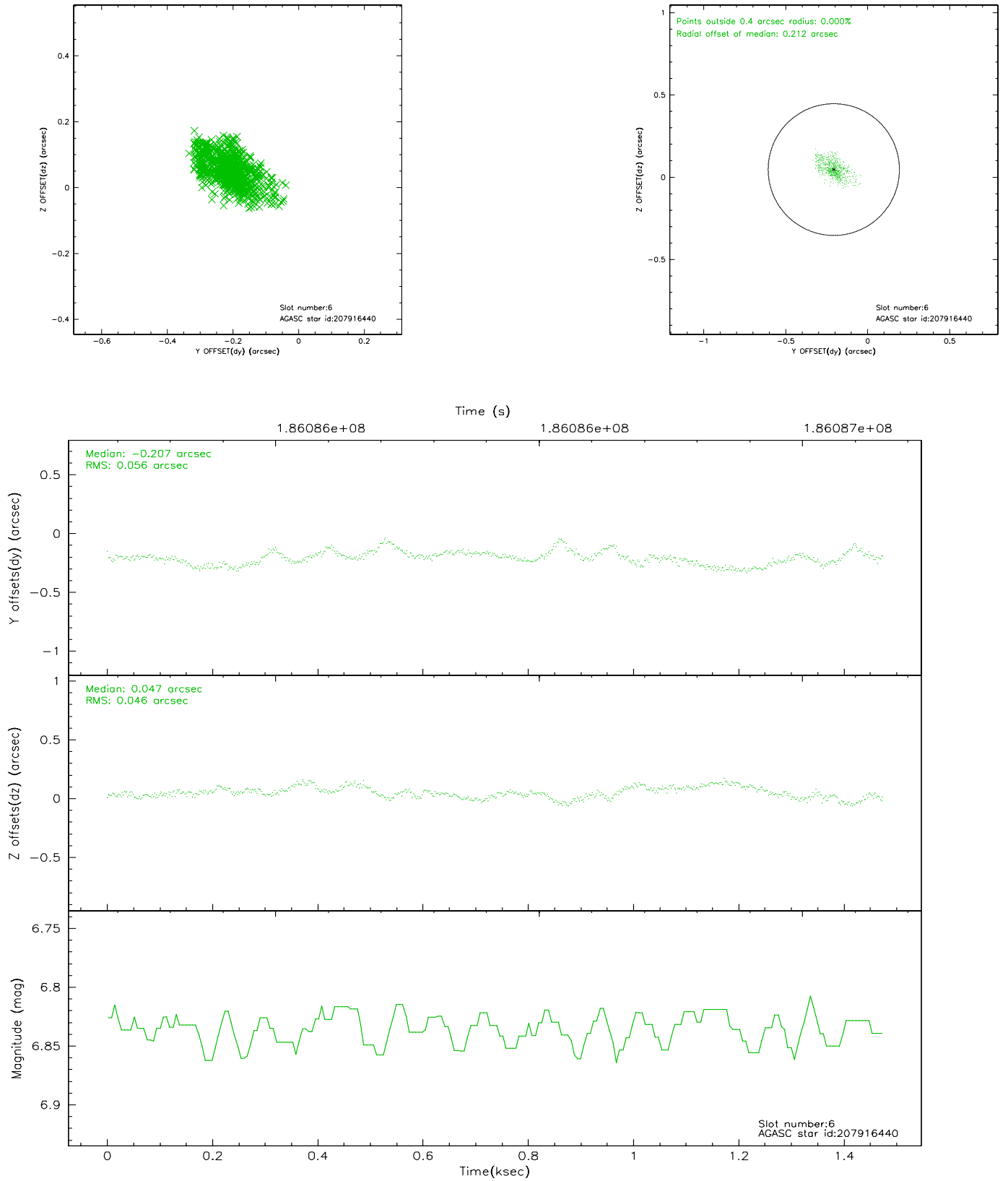
2.4.2 Slot 4



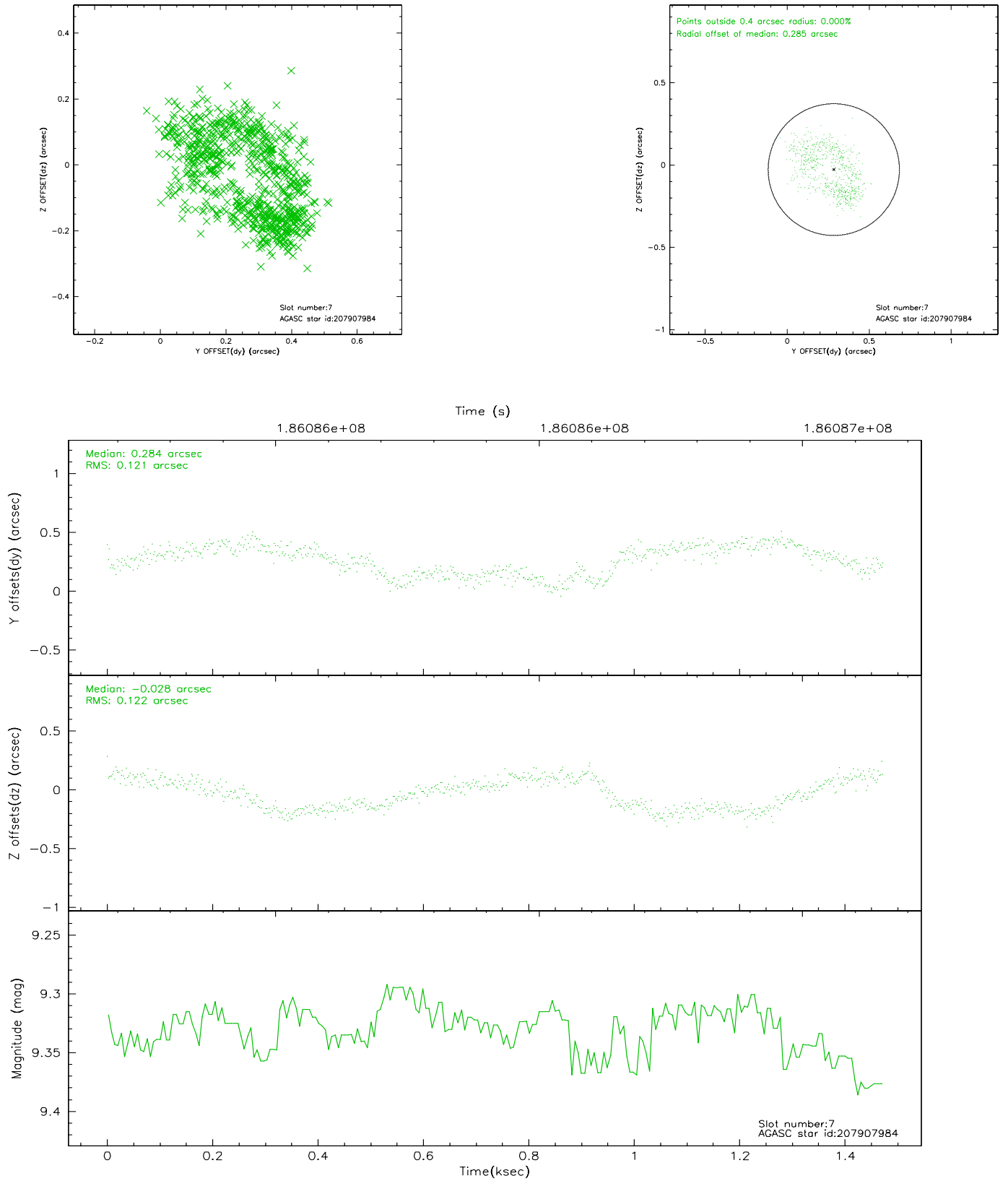
2.4.3 Slot 5



2.4.4 Slot 6

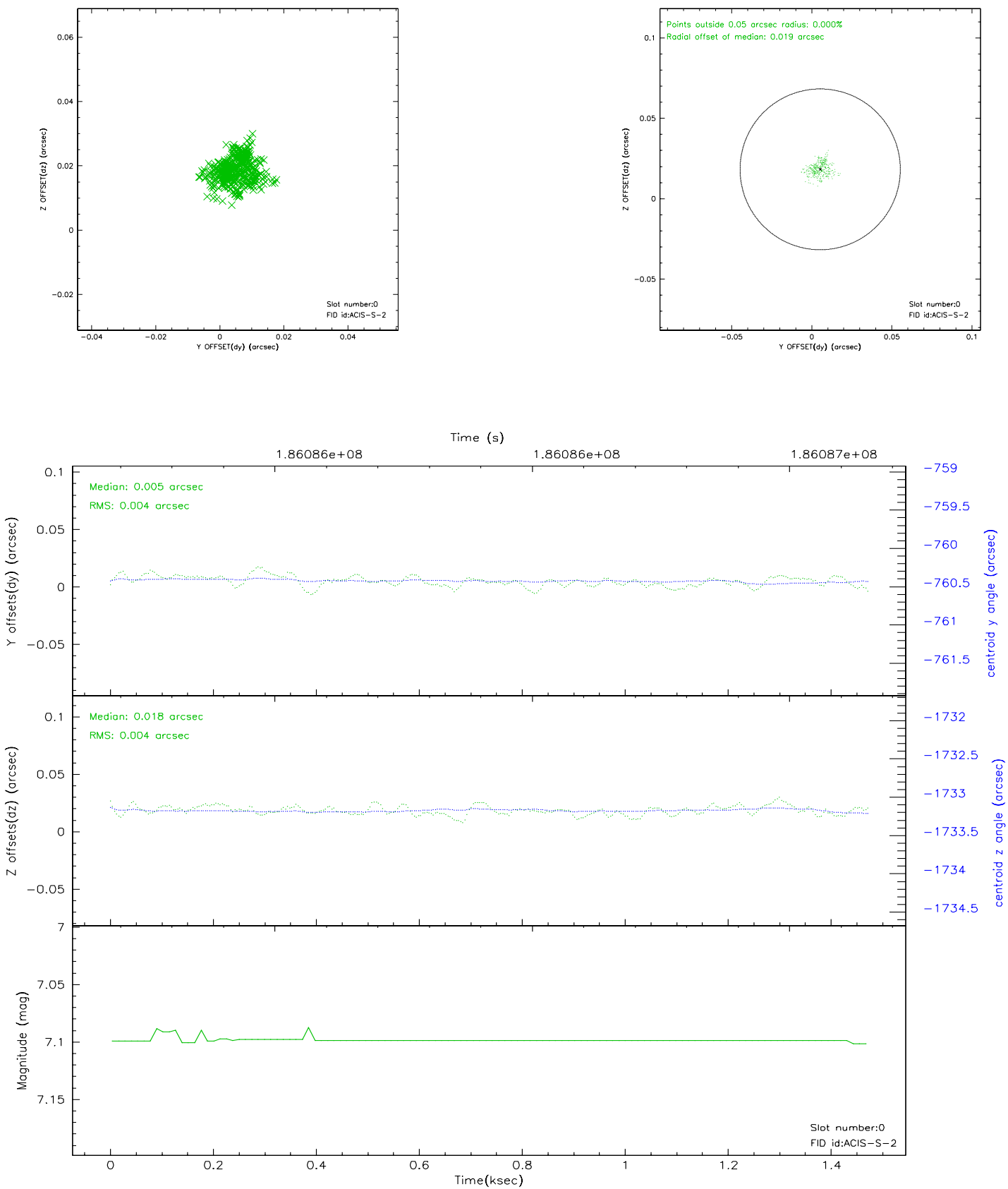


2.4.5 Slot 7

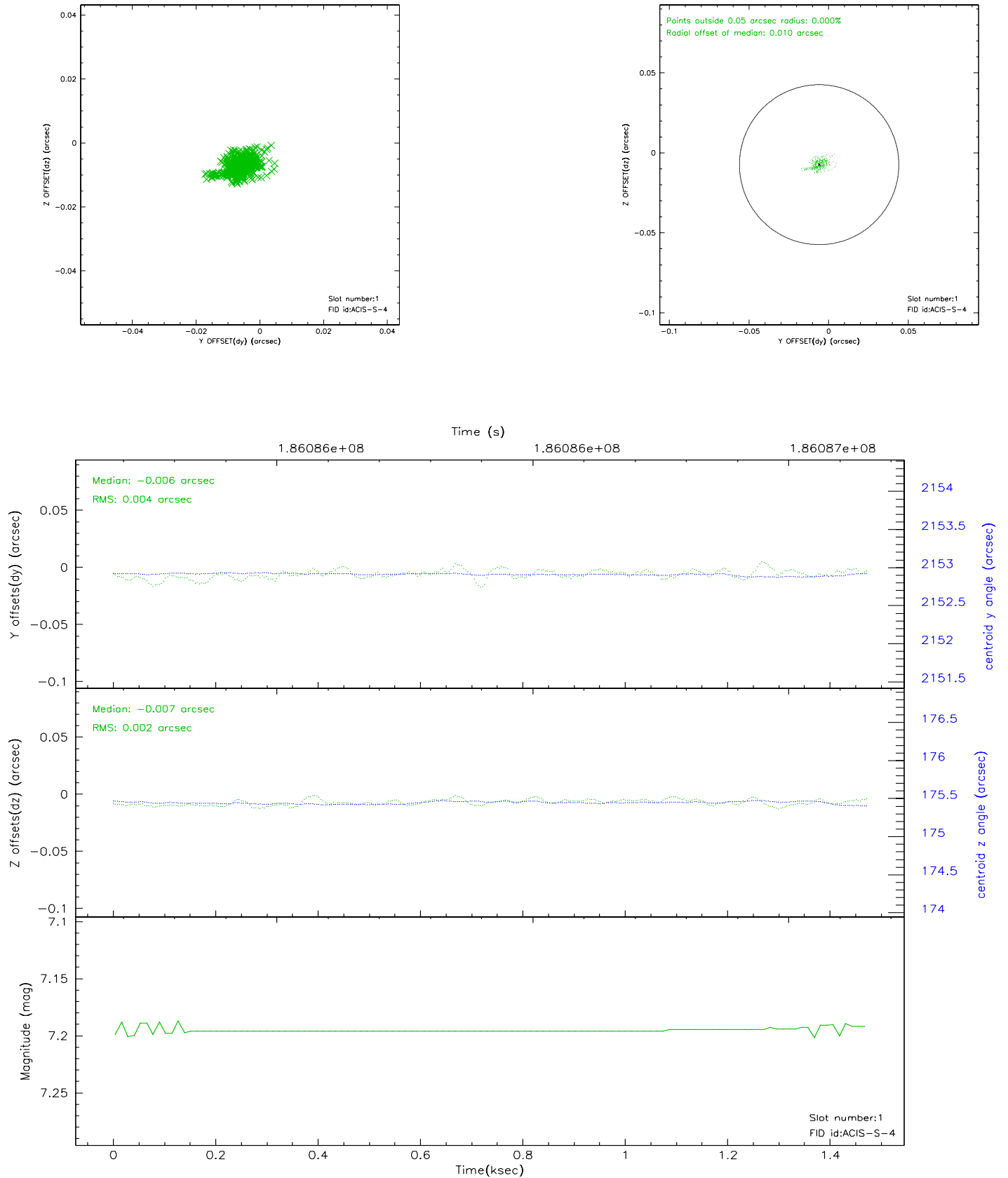


2.5 FID Slots

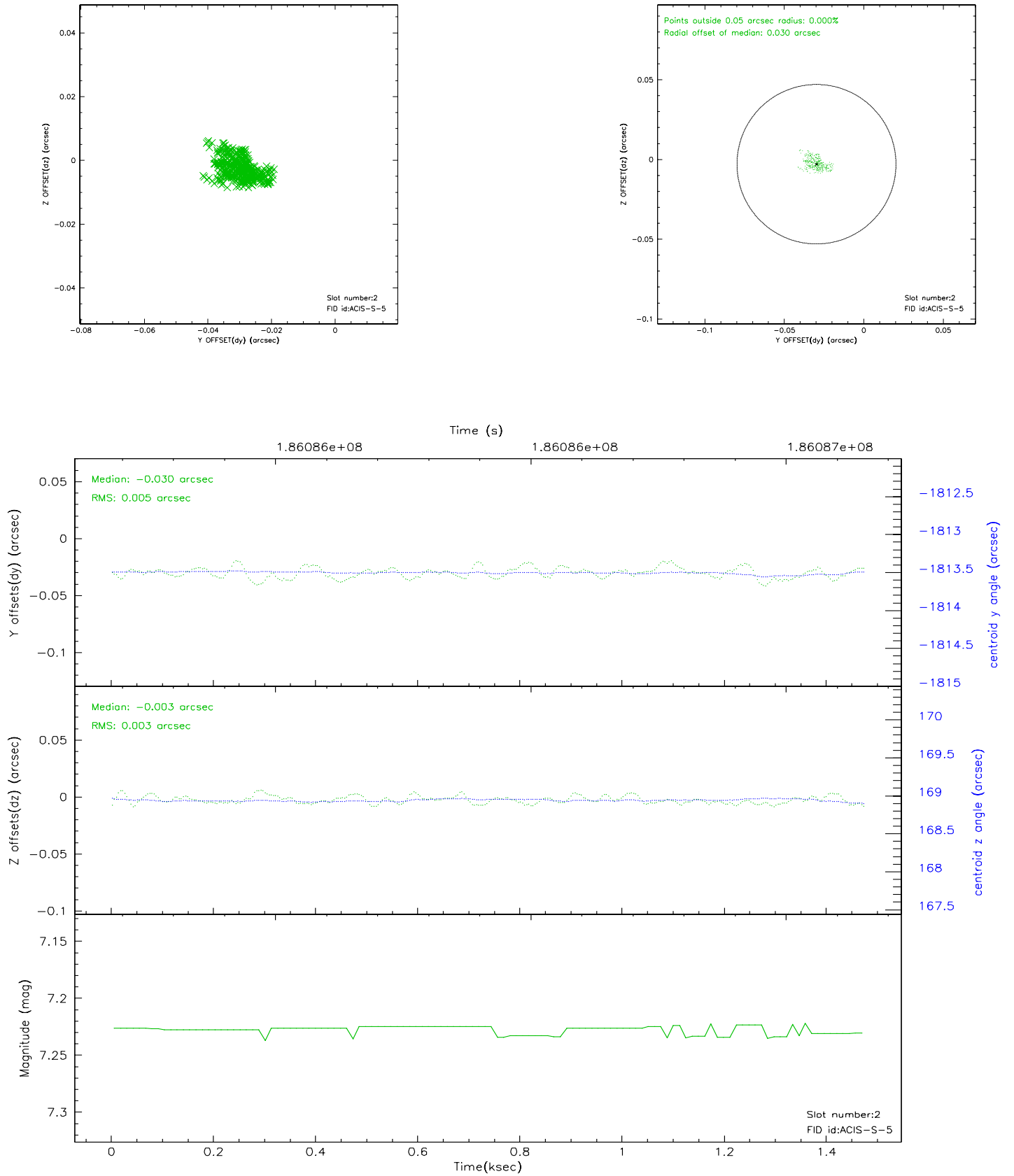
2.5.1 Slot 0



2.5.2 Slot 1

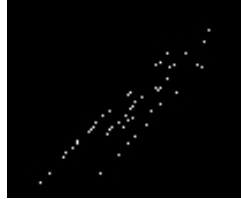


2.5.3 Slot 2



3 Point Sources

12.30 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.471

A.2 Comments