

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5271 - L2 Version 001
Chandra X-Ray Center

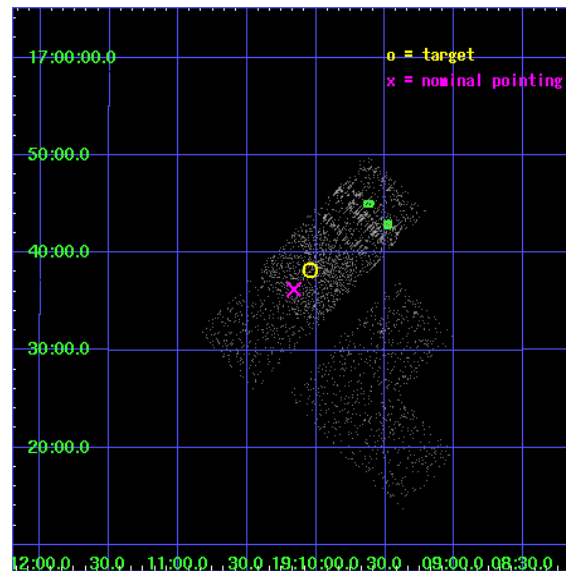
L2 Processing Date : Jun 26 2006

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1 Front

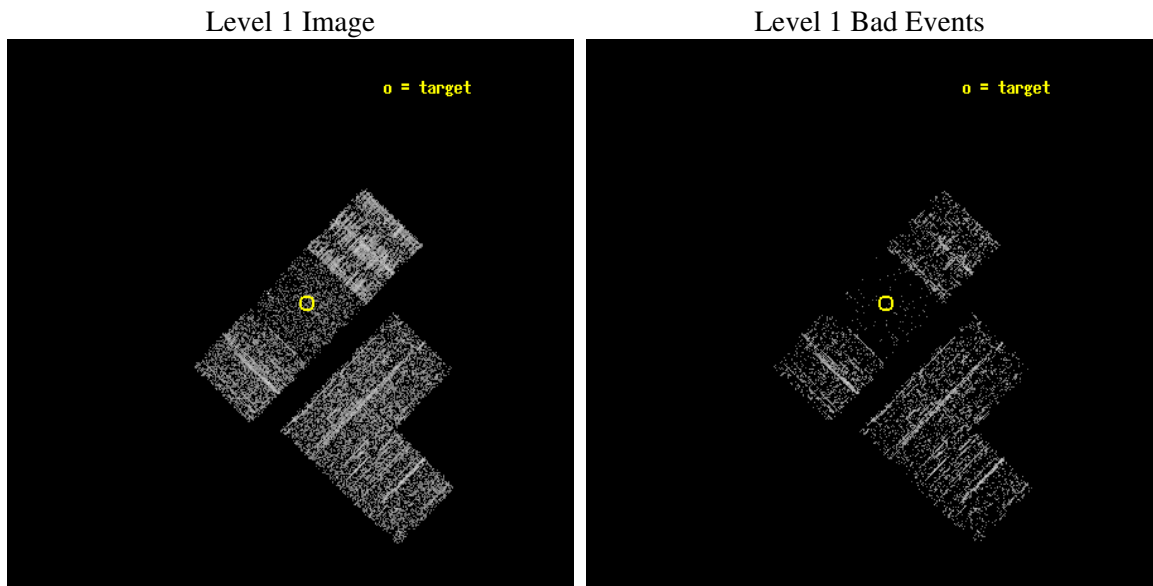
seq_num	100051
obs_id	5271
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.51018
dec_targ	16.63622
ra_nom	287.5402561924
dec_nom	16.604109033402
roll_nom	314.14806678786
revision	2
ontime	1468.7999945283
livetime	1450.2011645924
ontime0	1468.7999945283
ontime2	1468.7999945283
ontime3	1468.7999945283
ontime6	1468.7999945283
ontime7	1468.7999945283
ontime8	1468.7999945283
l2events	3842



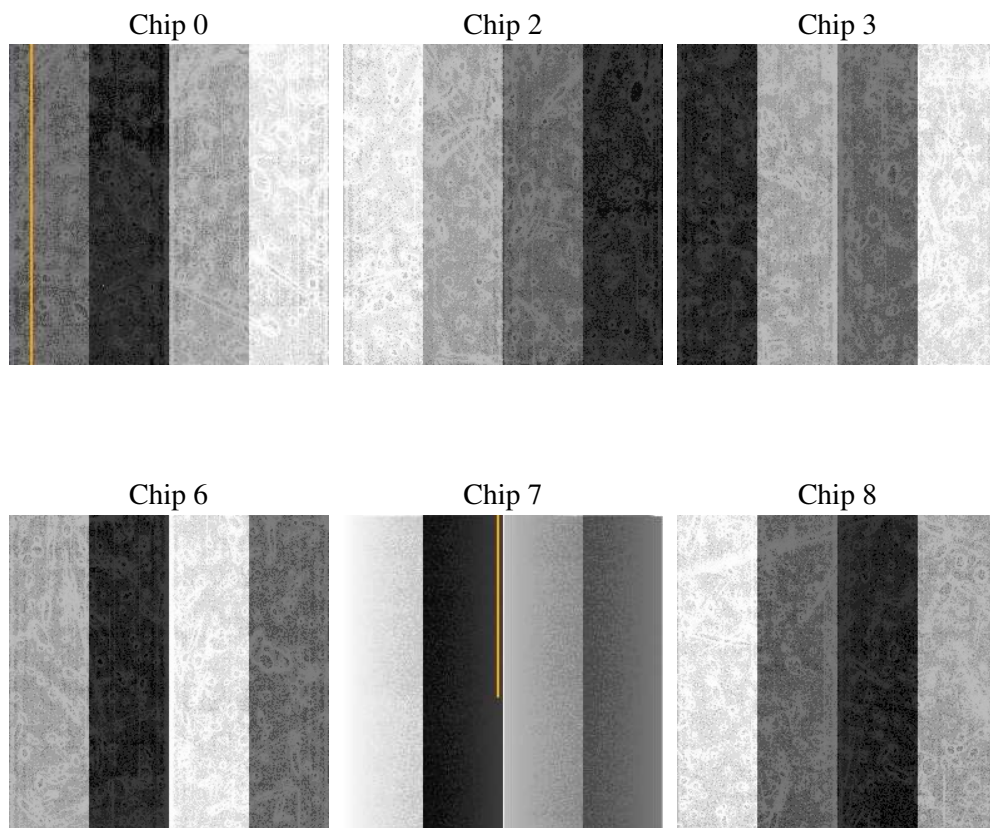
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-26T19:36:52
revision	2

sched_exp_time	1290.000000
ontime	1801.996837914
ontime0	1801.996818006
ontime2	1801.996818006
ontime3	1801.996818006
ontime6	1801.996837914
ontime7	1801.996837914
ontime8	1801.996818006
l1events	38776

2.1.4 Events

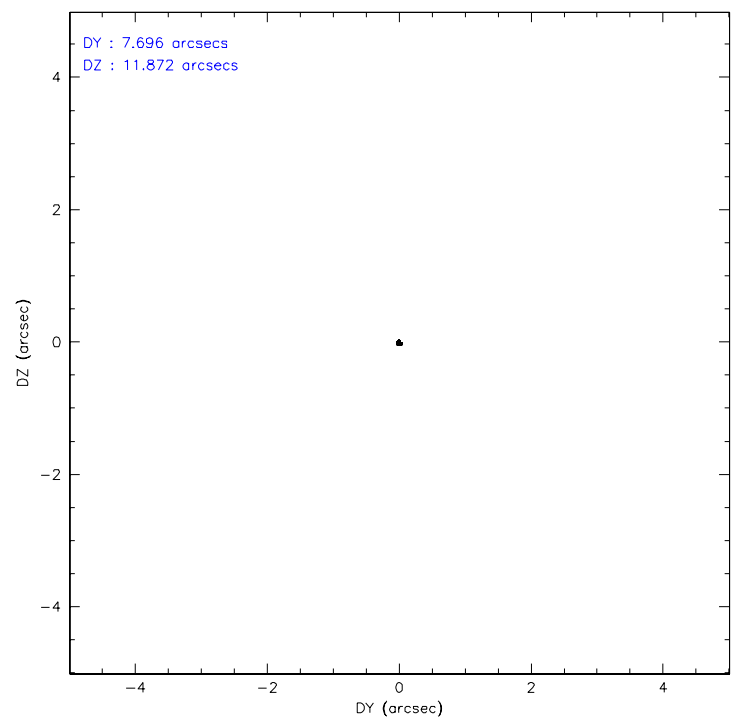
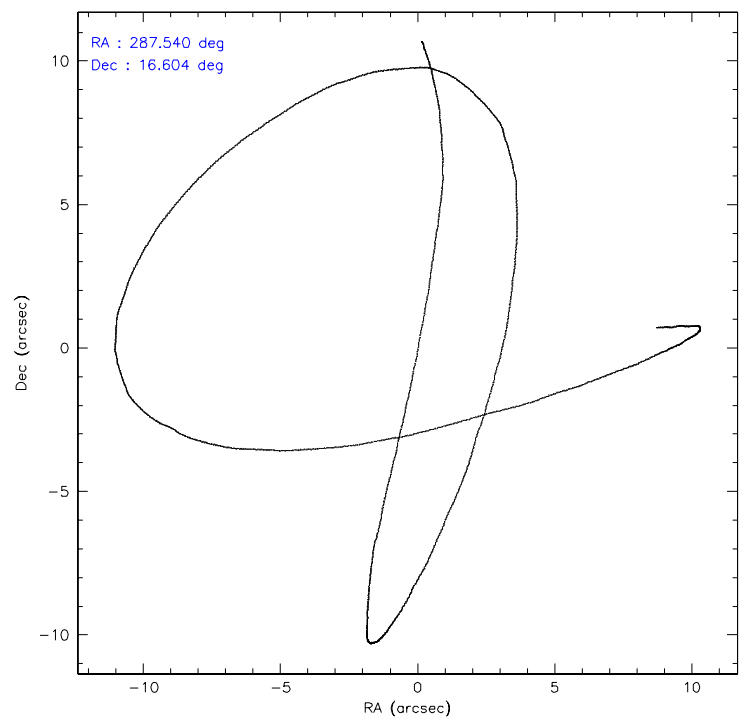
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6004	6568	6029	6257	2298	11620
rejected events	5586	6062	5631	5777	1011	6952
rejected %	93%	92%	93%	92%	43%	59%

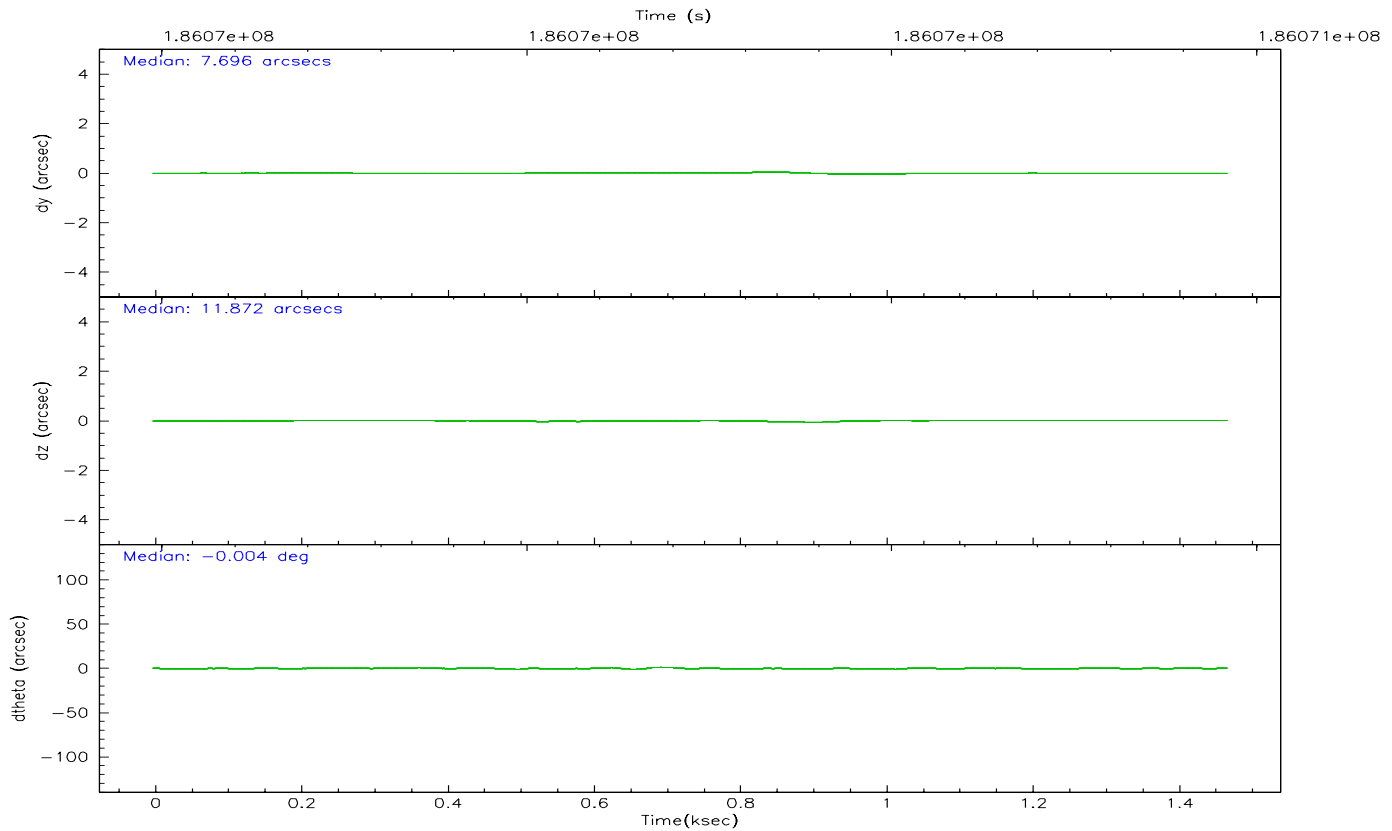
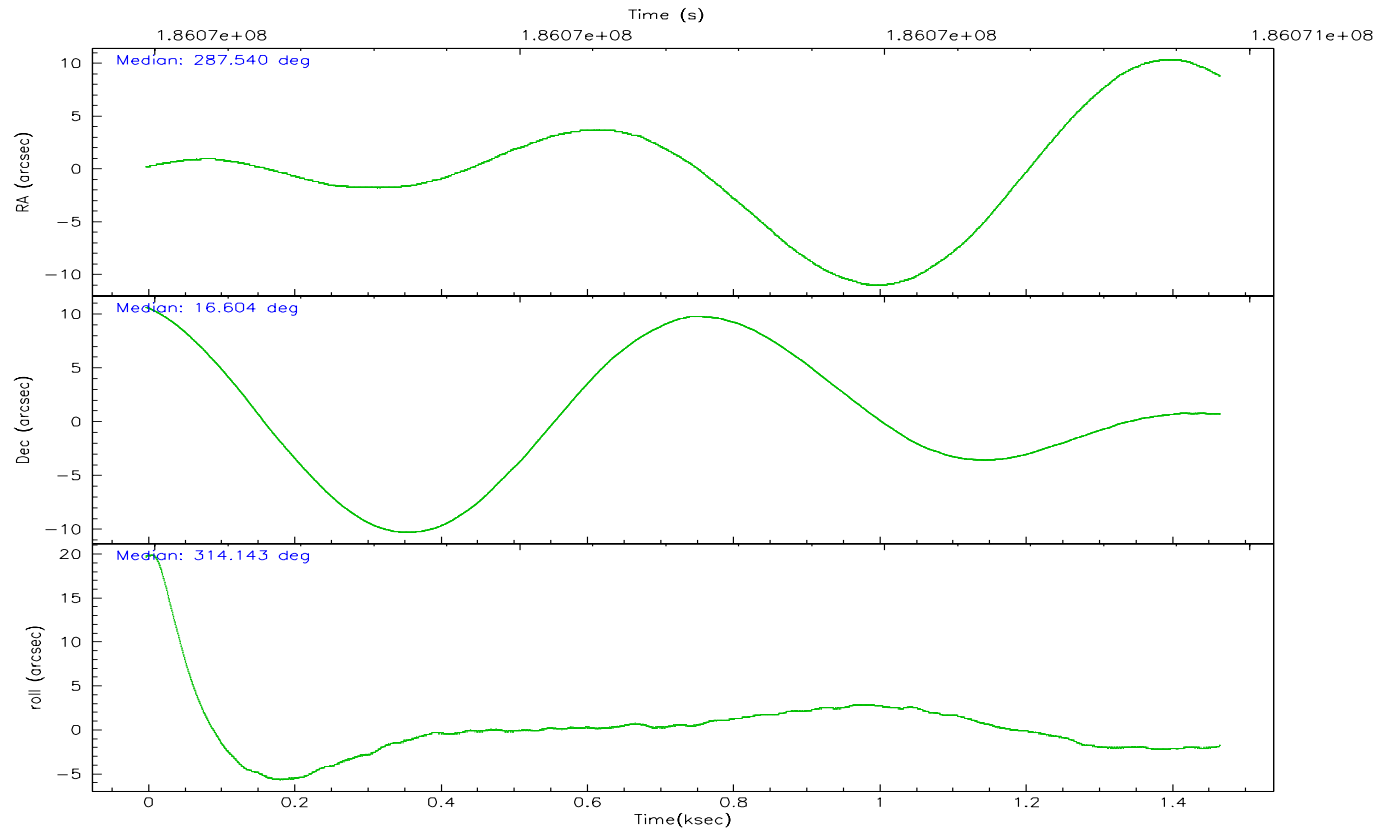
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	260	292	247	280	367	1672
	4%	4%	4%	4%	15%	14%
grade 1 events	2	1	1	2	3	15
	0%	0%	0%	0%	0%	0%
grade 2 events	130	177	80	154	452	921
	2%	2%	1%	2%	19%	7%
grade 3 events	50	50	56	55	153	1010
	0%	0%	0%	0%	6%	8%
grade 4 events	46	62	44	38	162	871
	0%	0%	0%	0%	7%	7%
grade 5 events	55	40	44	58	143	189
	0%	0%	0%	0%	6%	1%
grade 6 events	52	53	51	49	464	1375
	0%	0%	0%	0%	20%	11%
grade 7 events	5409	5893	5506	5621	554	5567
	90%	89%	91%	89%	24%	47%

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	287.512554	287.540256192395	Alternating exposures requested	N	N
Pointing Dec	16.611310	16.60410903340179	Primary exposure time	0.000000	3.2
Pointing Roll	313.999313	314.1480667878629			
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	186069664.184000	186069288.15759			
Observation start date	2003-11-24T14:00:00	2003-11-24T13:54:48			
Observation end time	186070954.184000	186071088.05767			
Observation end date	2003-11-24T14:21:30	2003-11-24T14:24:48			
Read mode	TIMED	TIMED			

2.3 Aspect



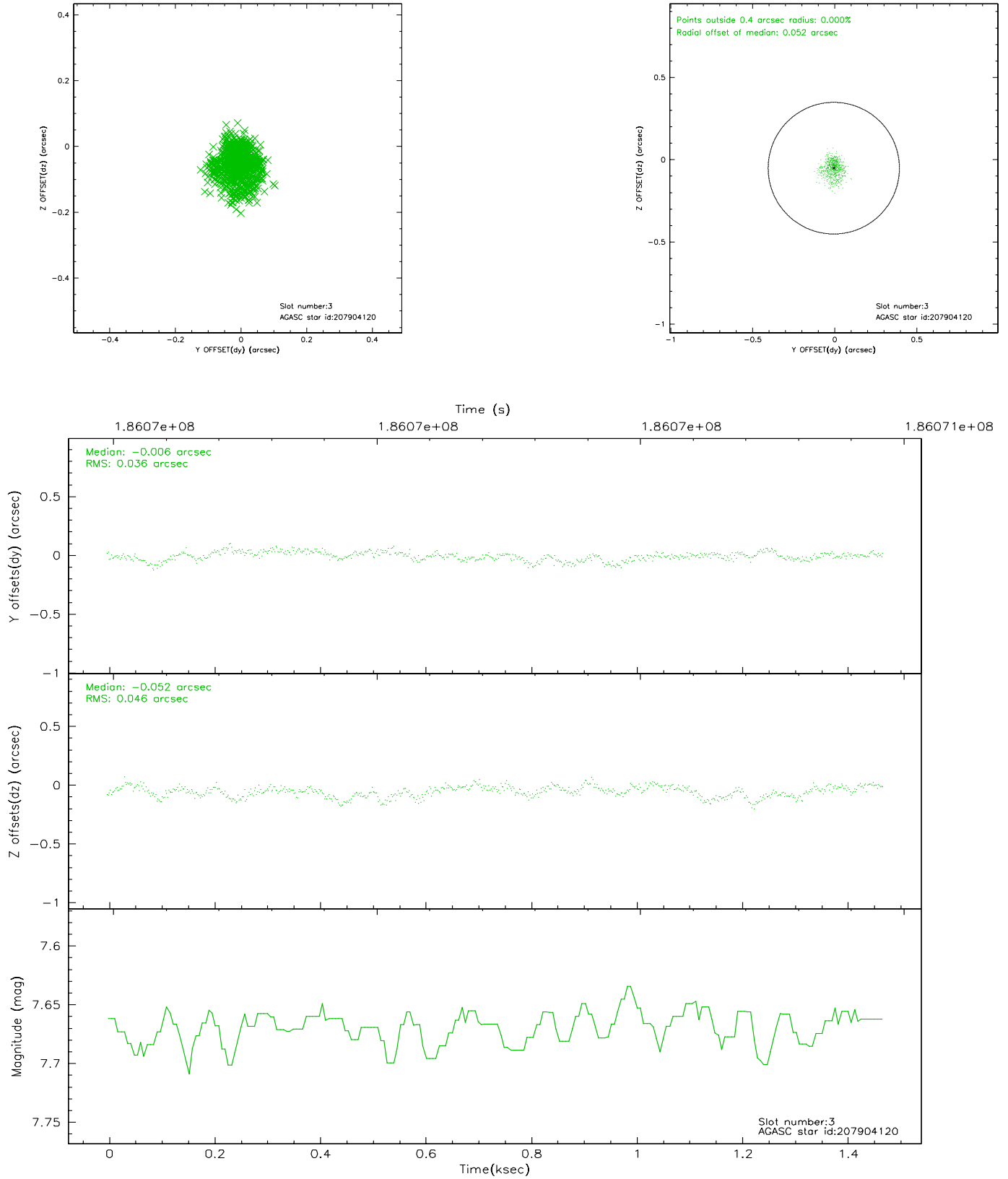


Slot Statistics

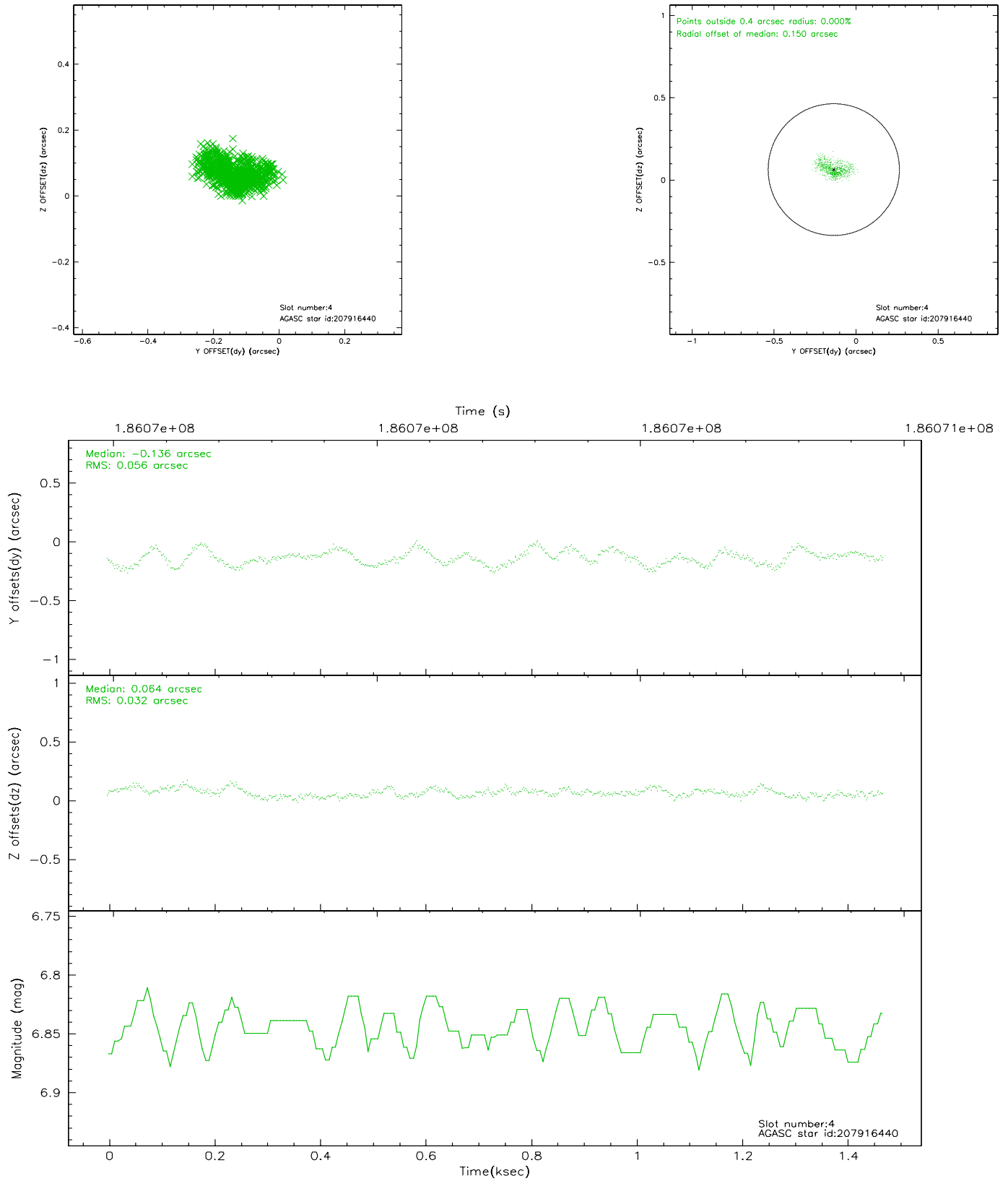
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	359	0.002	0.017	0.006	0.011	0.000000	0.000000	-760.46	-1733.15
1	FID	ACIS-S-4	7.19	359	-0.001	-0.005	0.005	0.008	0.000000	0.000000	2150.76	170.65
2	FID	ACIS-S-5	7.23	359	-0.030	-0.003	0.006	0.010	0.000000	0.000000	-1807.55	169.44
3	GUIDE	207904120	7.67	718	-0.006	-0.052	0.063	0.101	286.904195	16.289988	-631.06	-2313.81
4	GUIDE	207916440	6.85	718	-0.136	0.064	0.070	0.112	287.167522	16.851310	-1449.60	-258.06
5	GUIDE	208416976	8.35	718	-0.087	-0.060	0.098	0.159	287.326965	17.073967	-1644.89	696.81
6	GUIDE	209596088	9.37	718	0.200	0.106	0.099	0.157	288.150718	16.305149	2319.08	824.07
7	GUIDE	209585448	7.95	717	0.026	-0.066	0.077	0.111	288.114724	16.850123	823.78	2092.67

2.4 Star Slots

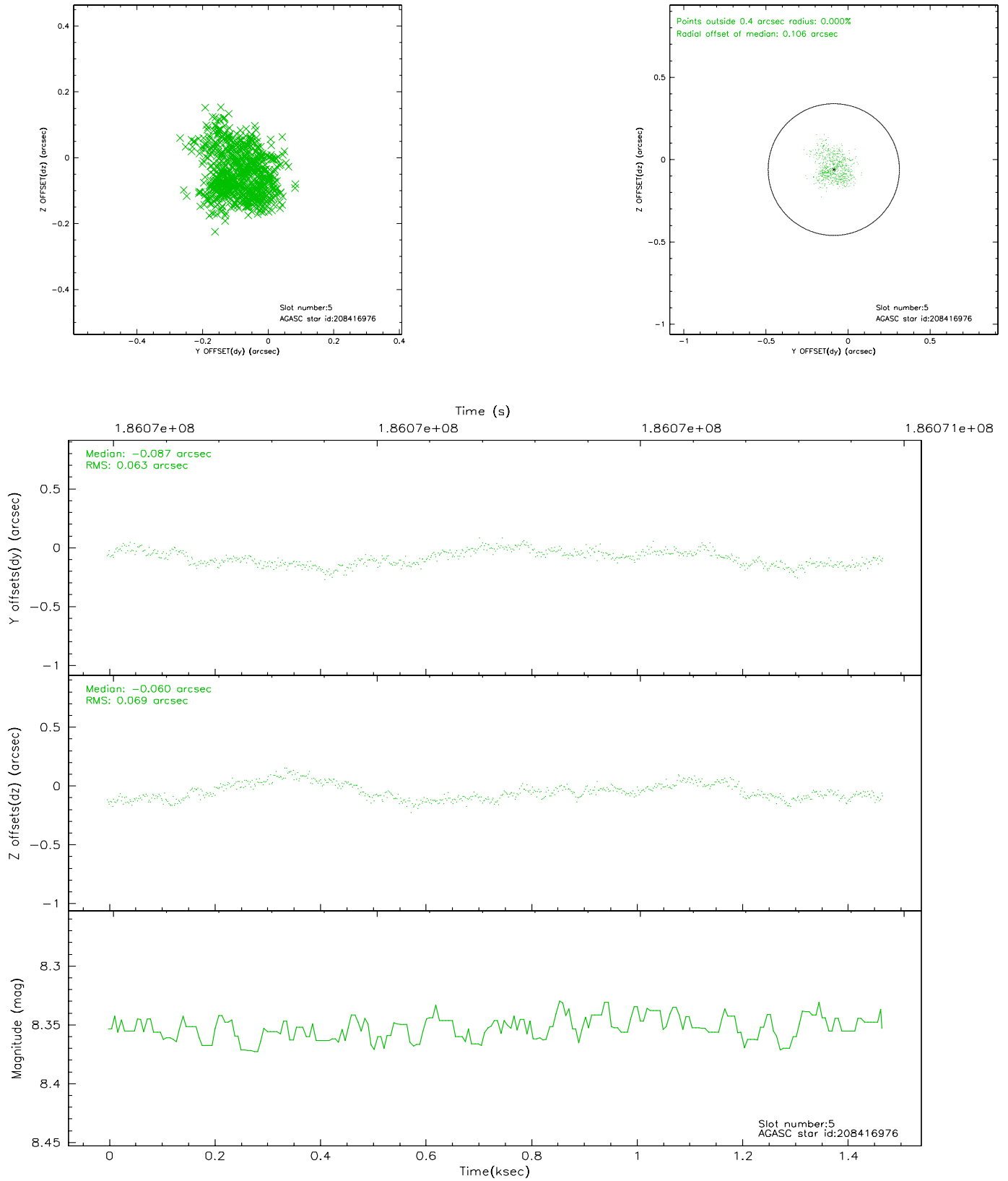
2.4.1 Slot 3



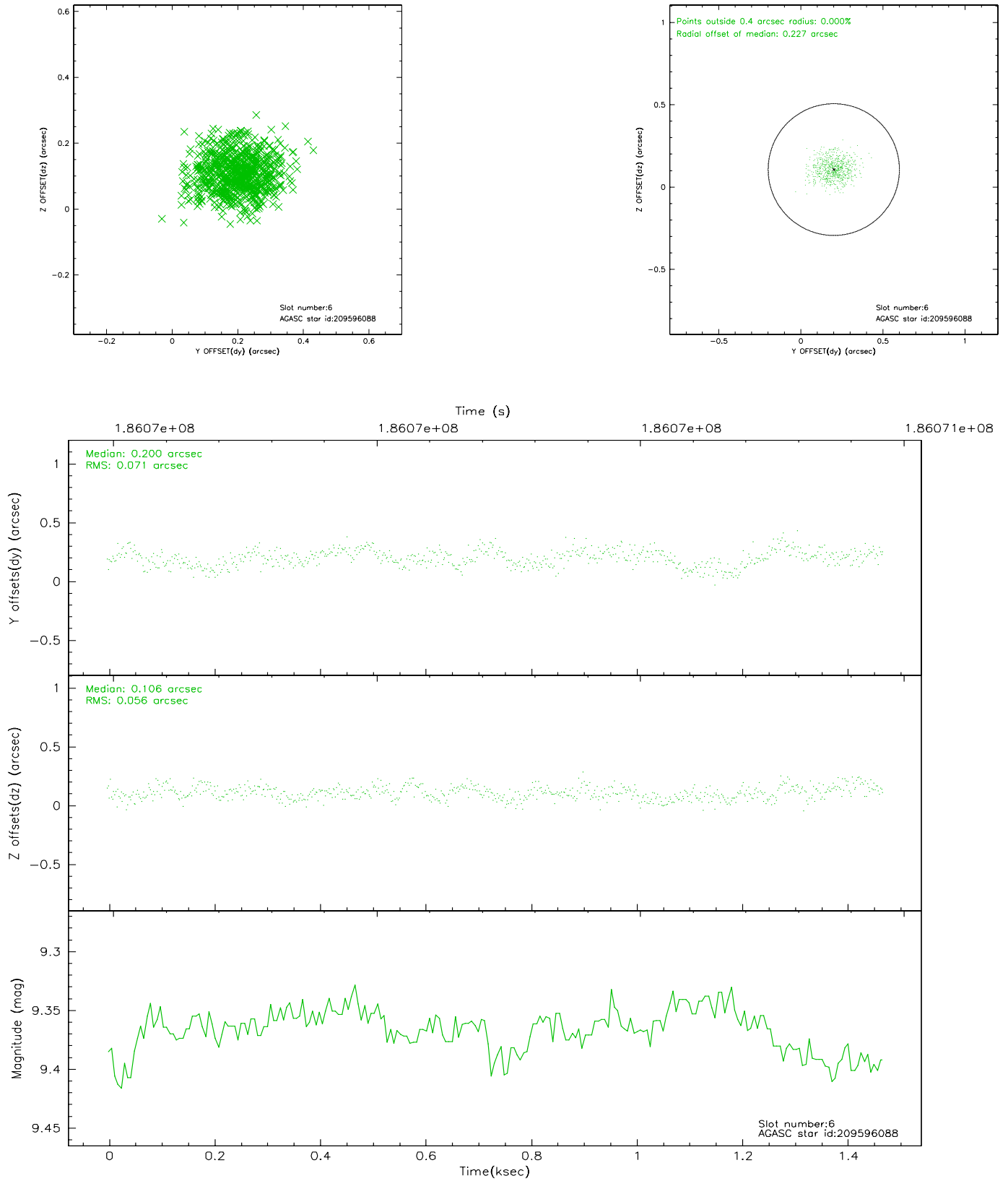
2.4.2 Slot 4



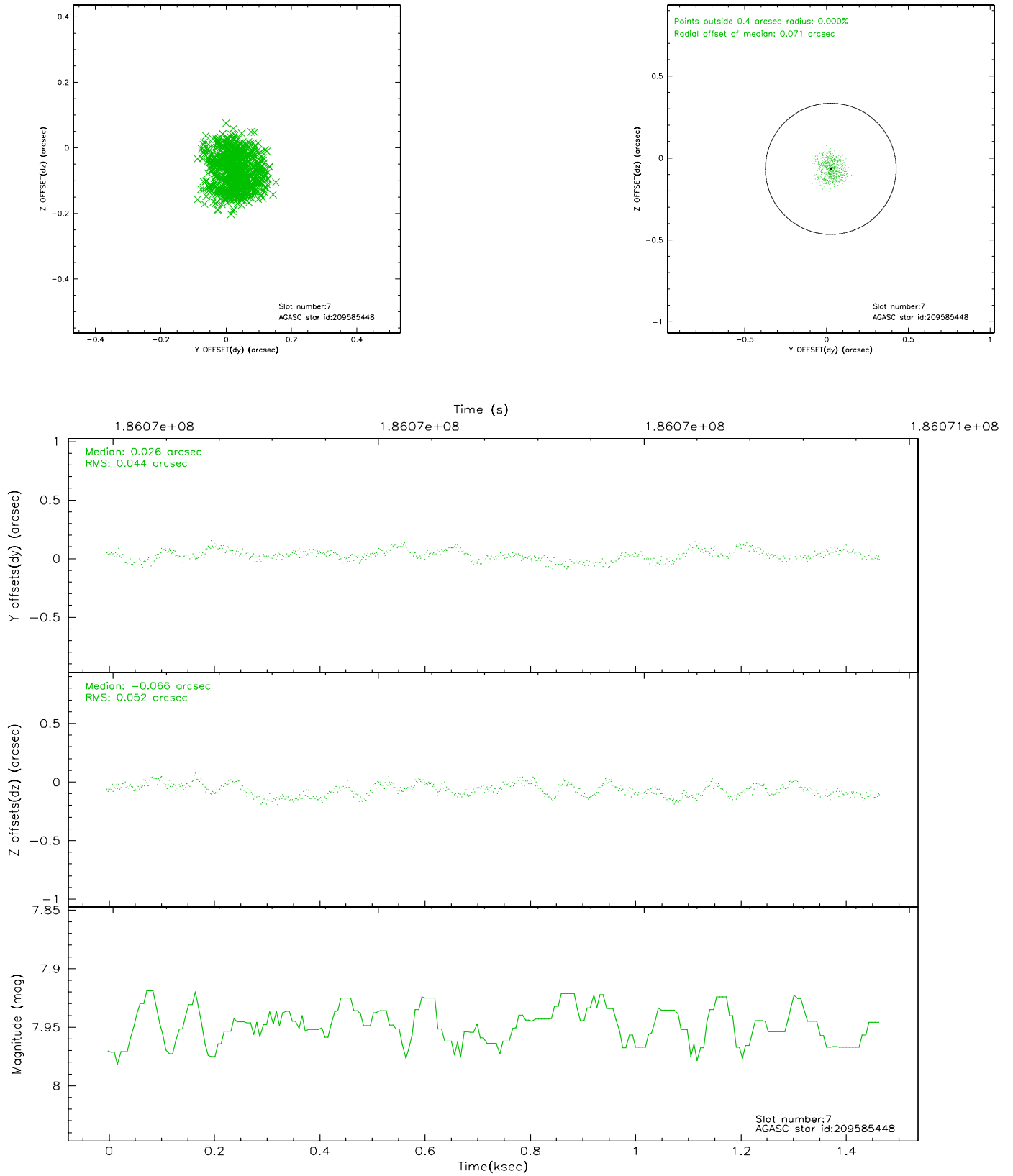
2.4.3 Slot 5



2.4.4 Slot 6

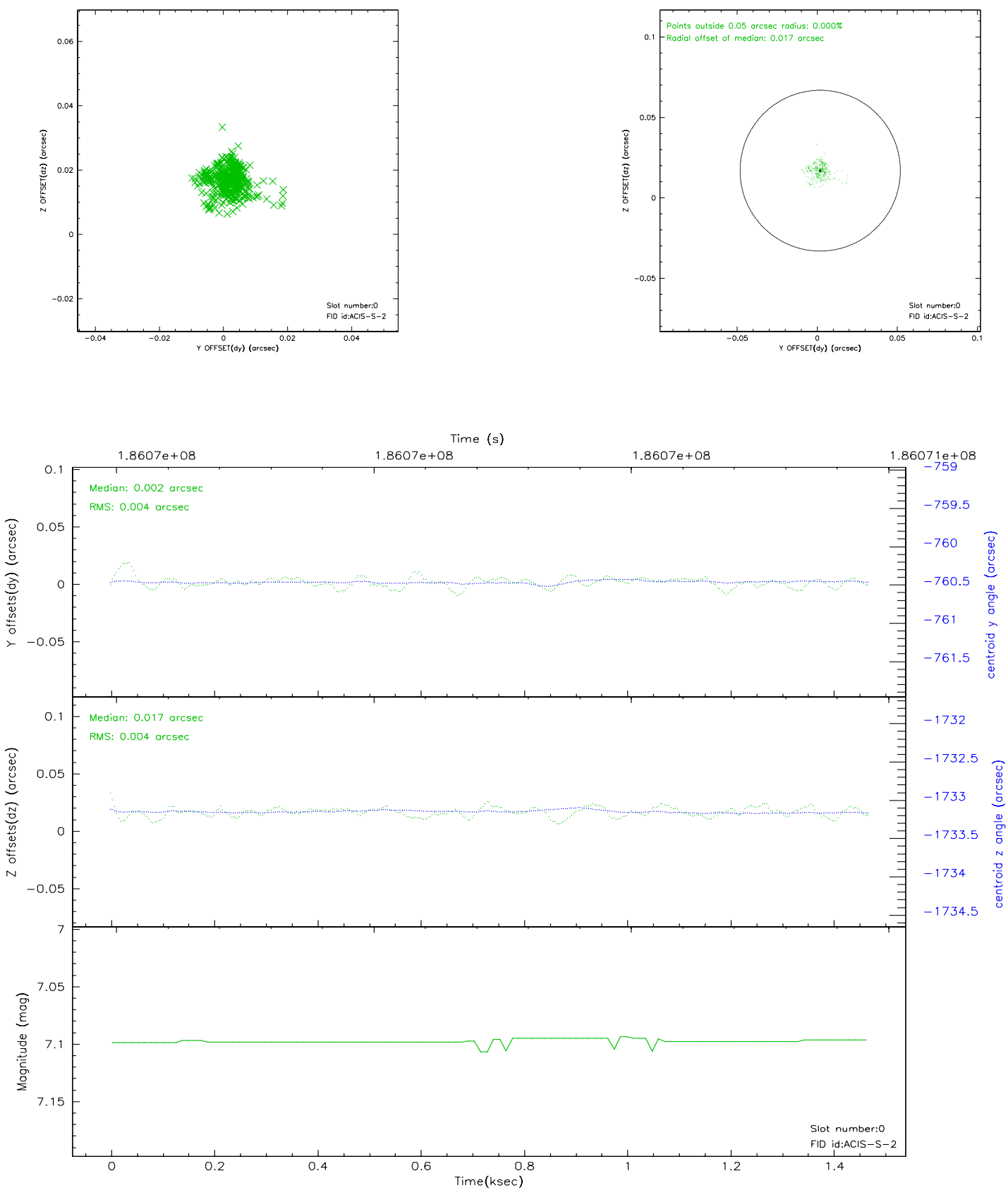


2.4.5 Slot 7

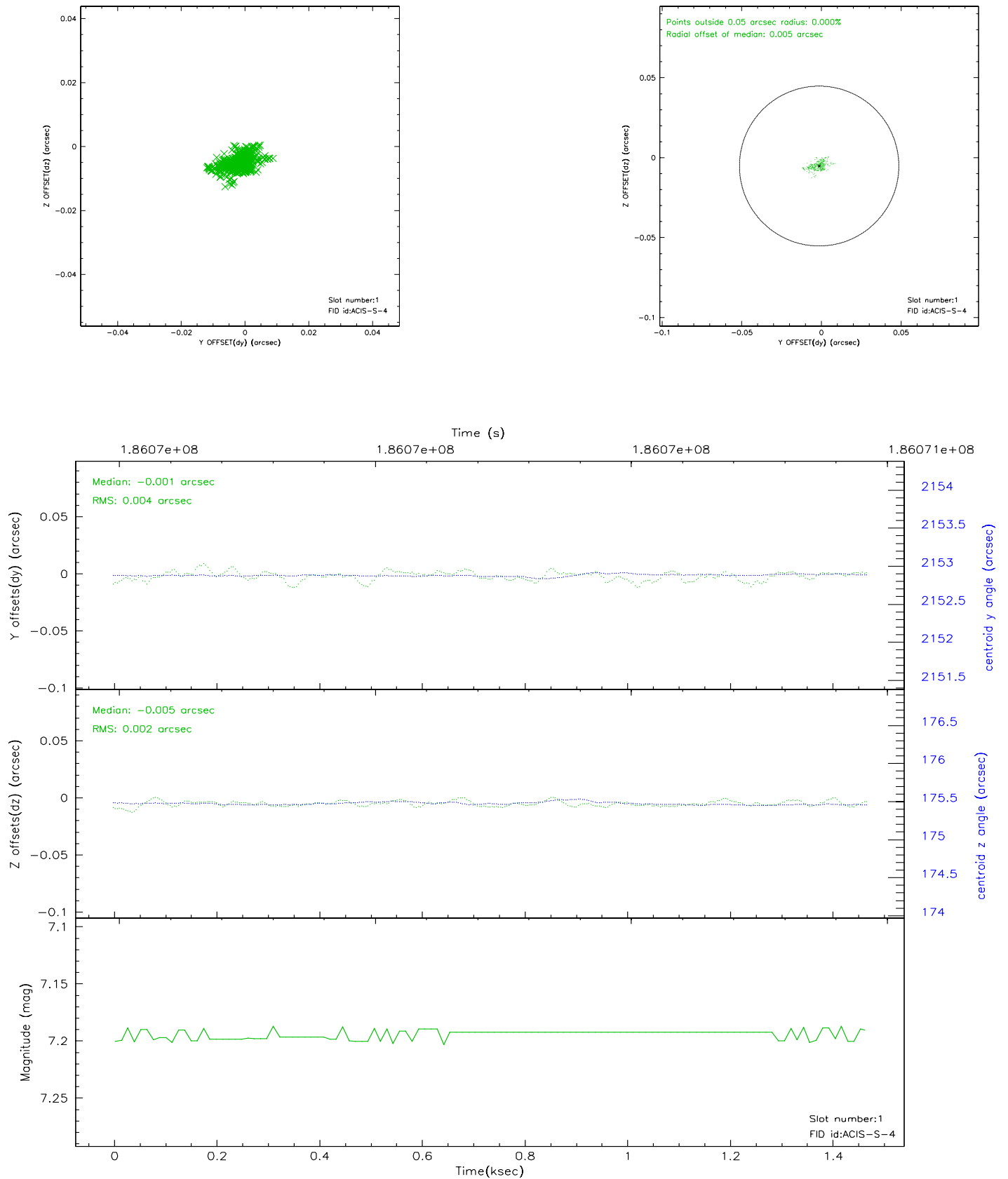


2.5 FID Slots

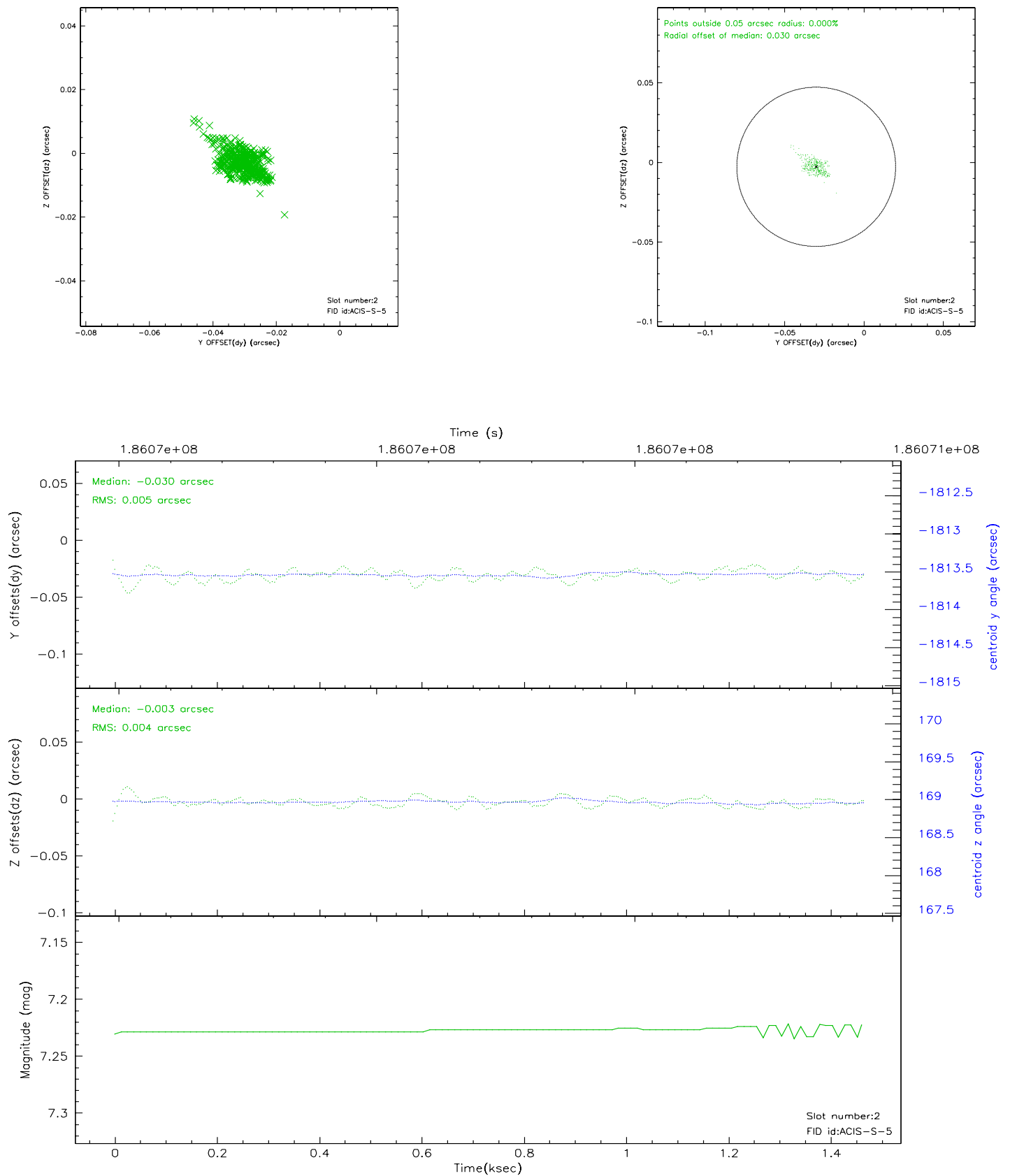
2.5.1 Slot 0



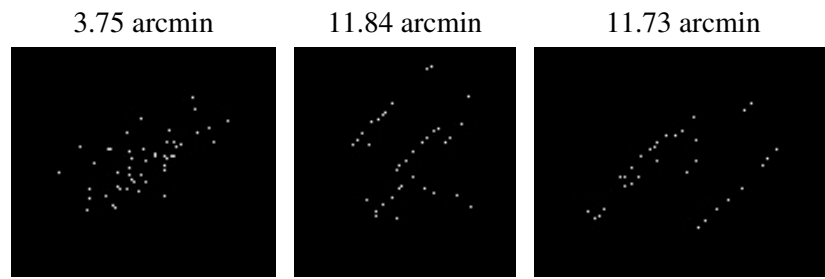
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	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	1.468

A.2 Comments