

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5269 - L2 Version 001
Chandra X-Ray Center

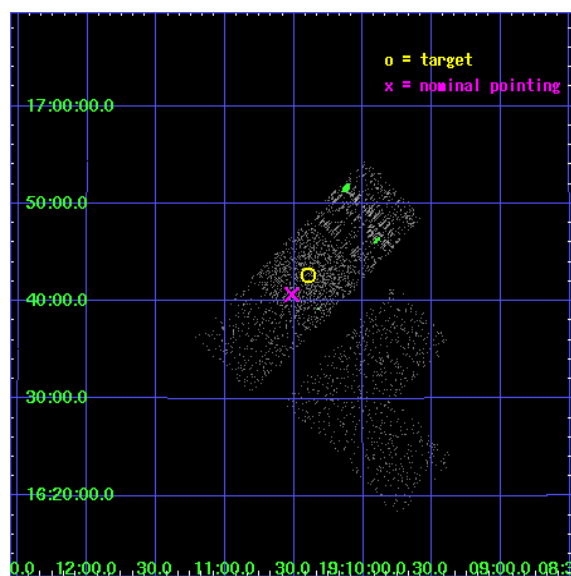
L2 Processing Date : Jun 26 2006

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1 Front

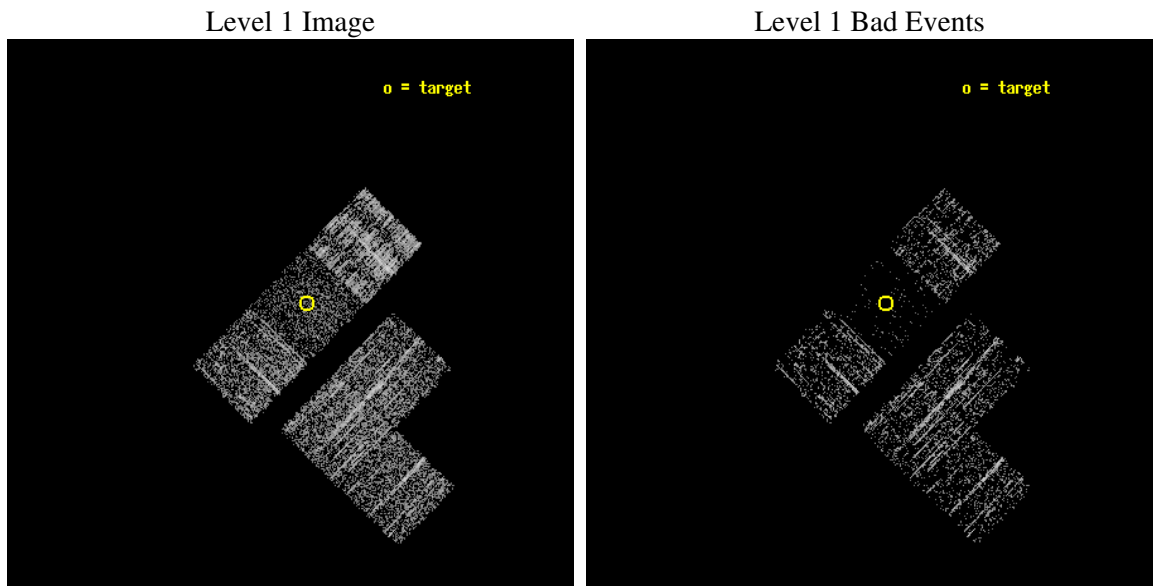
seq_num	100051
obs_id	5269
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.59897
dec_targ	16.71015
ra_nom	287.62885055716
dec_nom	16.678239034728
roll_nom	314.14803383502
revision	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	3864



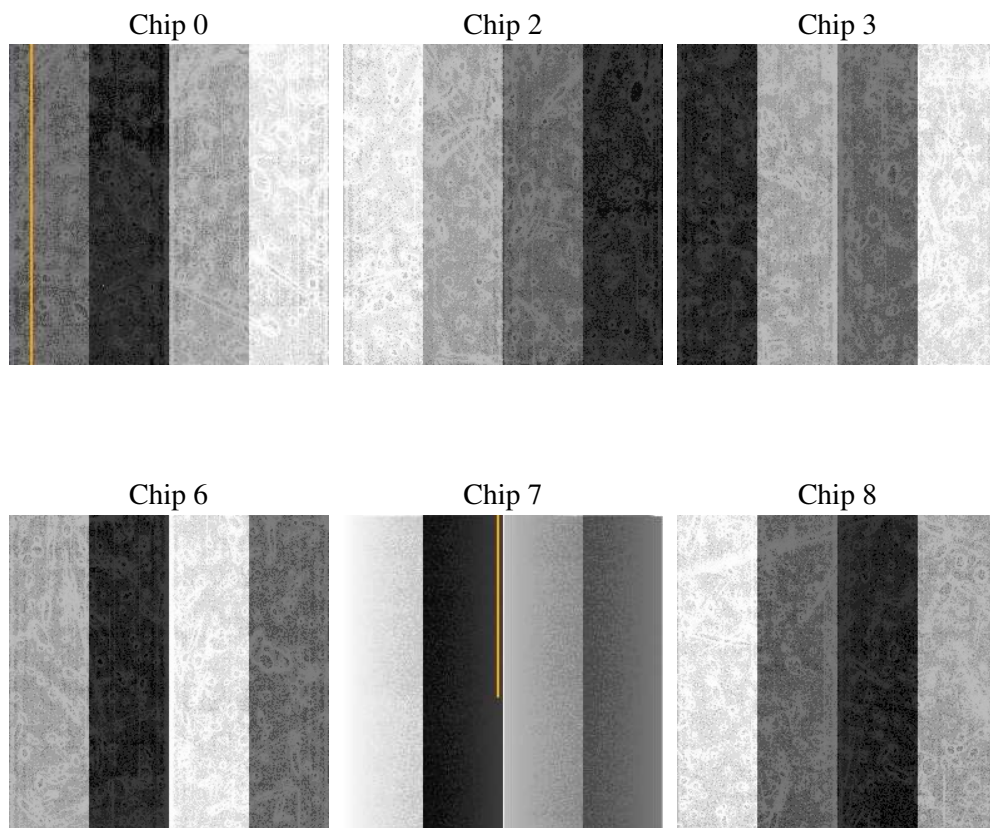
2 OBI

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	2006-06-26T19:09:44
revision	2

sched_exp_time	1290.000000
ontime	1801.9968679845
ontime0	1801.9968879223
ontime2	1801.9968879223
ontime3	1801.9968879223
ontime6	1801.9968879223
ontime7	1801.9968679845
ontime8	1801.9968679845
l1events	38284

2.1.4 Events

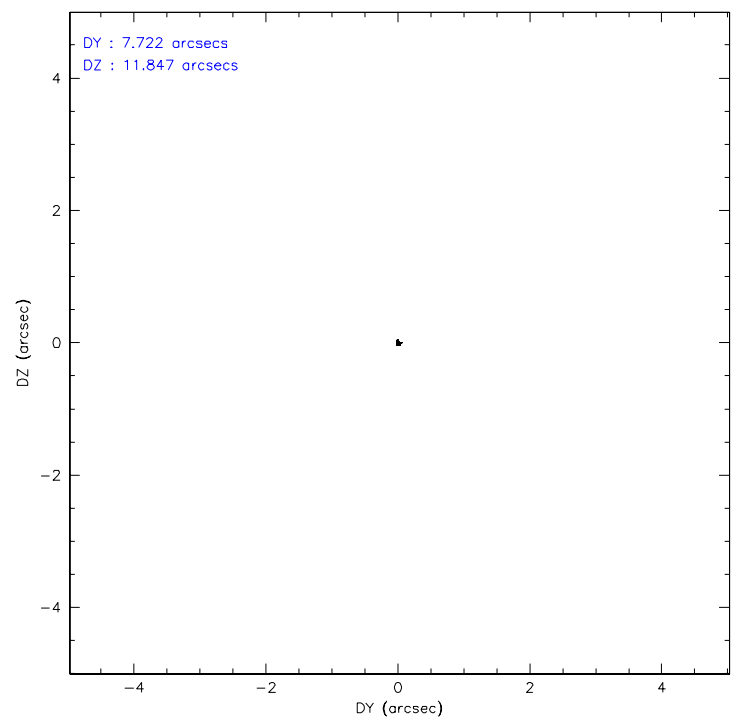
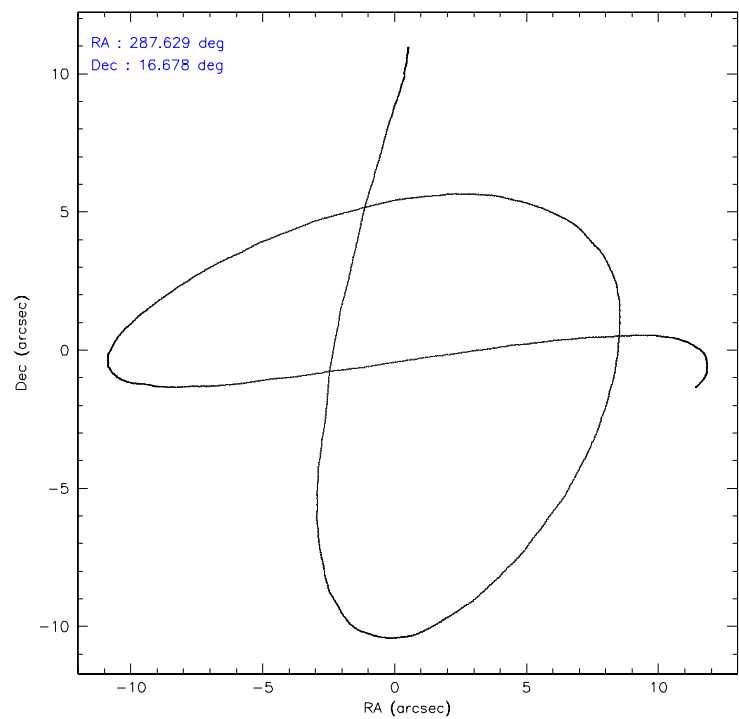
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5306	7473	6397	6226	2394	10488
rejected events	4874	6983	5988	5728	1038	6122
rejected %	91%	93%	93%	92%	43%	58%

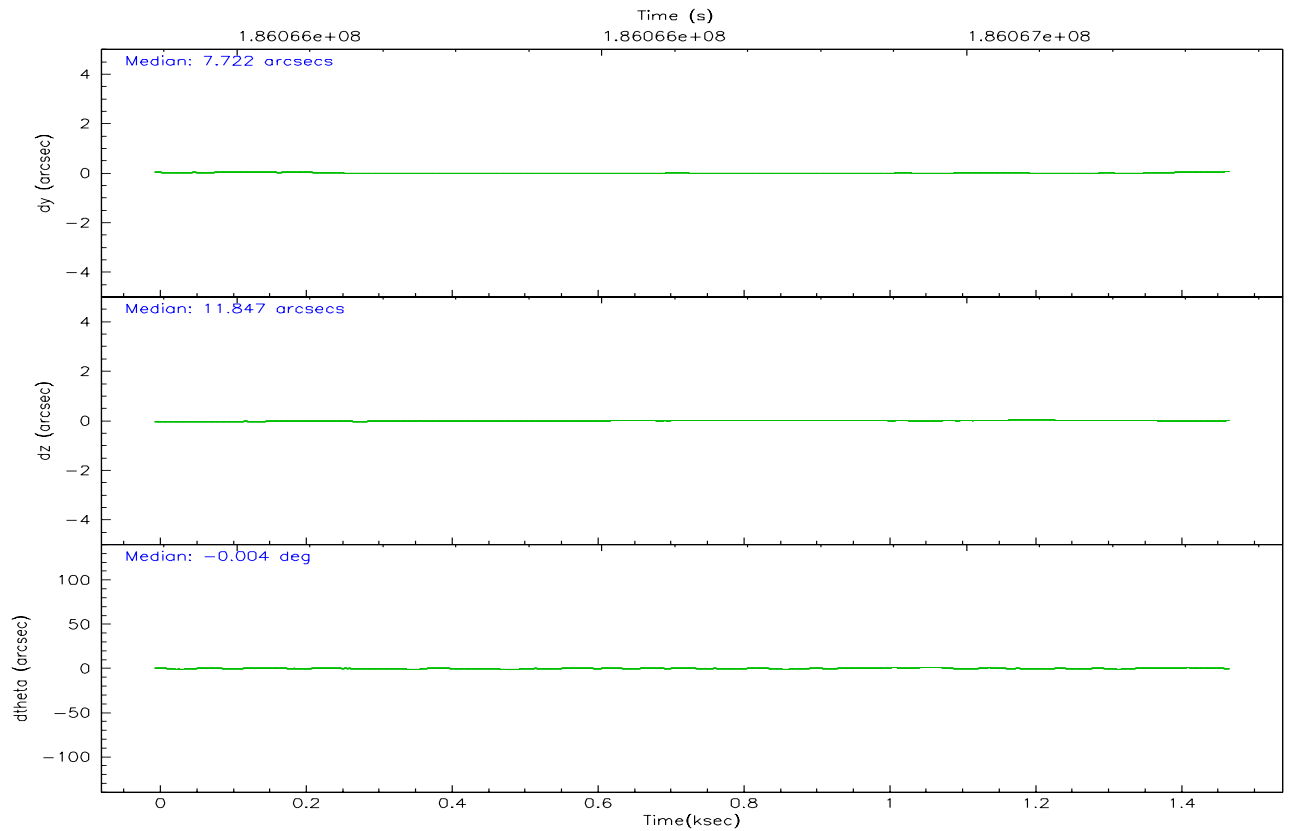
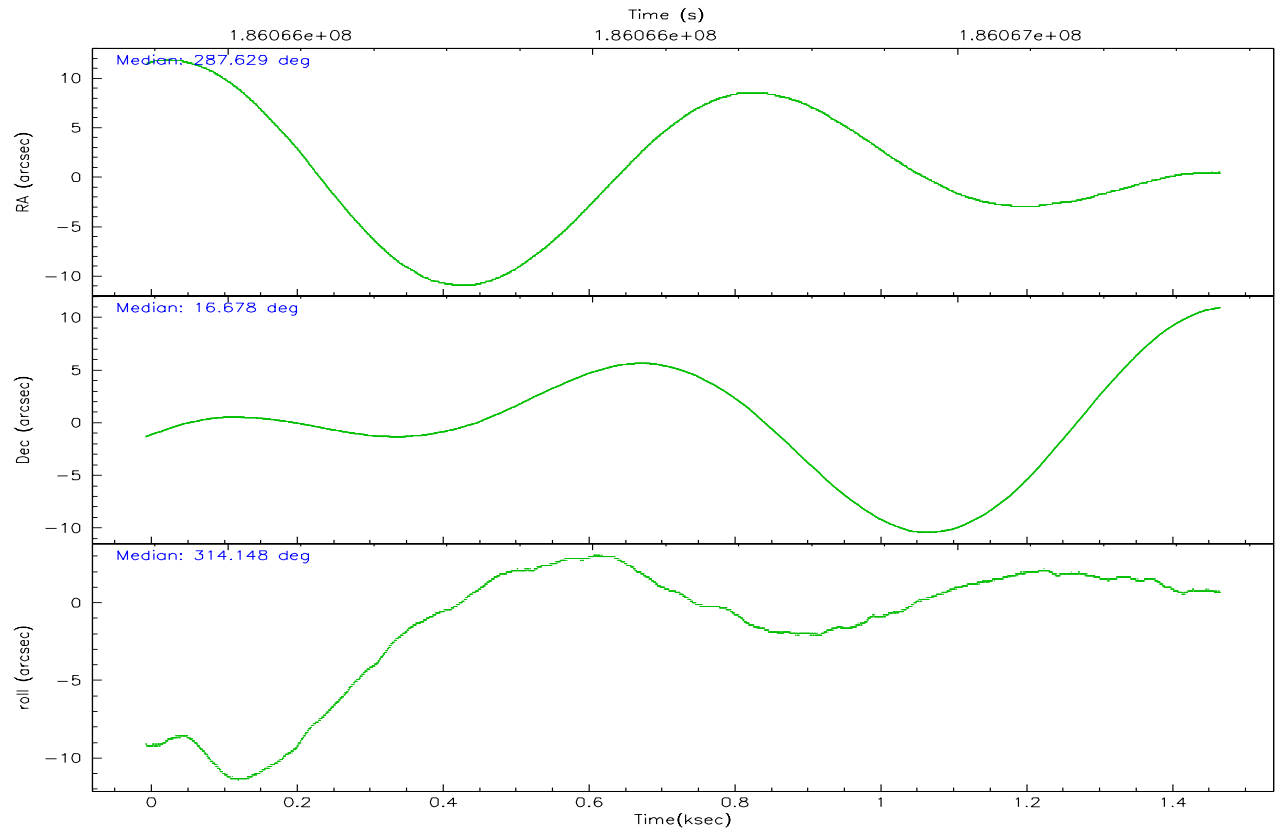
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	245	282	241	315	347	1477
	4%	3%	3%	5%	14%	14%
grade 1 events	2	3	2	4	5	9
	0%	0%	0%	0%	0%	0%
grade 2 events	130	172	114	144	533	797
	2%	2%	1%	2%	22%	7%
grade 3 events	50	44	58	54	168	874
	0%	0%	0%	0%	7%	8%
grade 4 events	57	71	39	55	136	796
	1%	0%	0%	0%	5%	7%
grade 5 events	55	40	49	51	136	163
	1%	0%	0%	0%	5%	1%
grade 6 events	51	58	47	52	484	1157
	0%	0%	0%	0%	20%	11%
grade 7 events	4716	6803	5847	5551	585	5215
	88%	91%	91%	89%	24%	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	287.601341	287.6288505571604	Alternating exposures requested	N	N
Pointing Dec	16.685241	16.67823903472773	Primary exposure time	0.000000	3.2
Pointing Roll	313.999312	314.148033835019			
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	186066064.184000	186065687.33243			
Observation start date	2003-11-24T13:00:00	2003-11-24T12:54:47			
Observation end time	186067354.184000	186067487.74501			
Observation end date	2003-11-24T13:21:30	2003-11-24T13:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



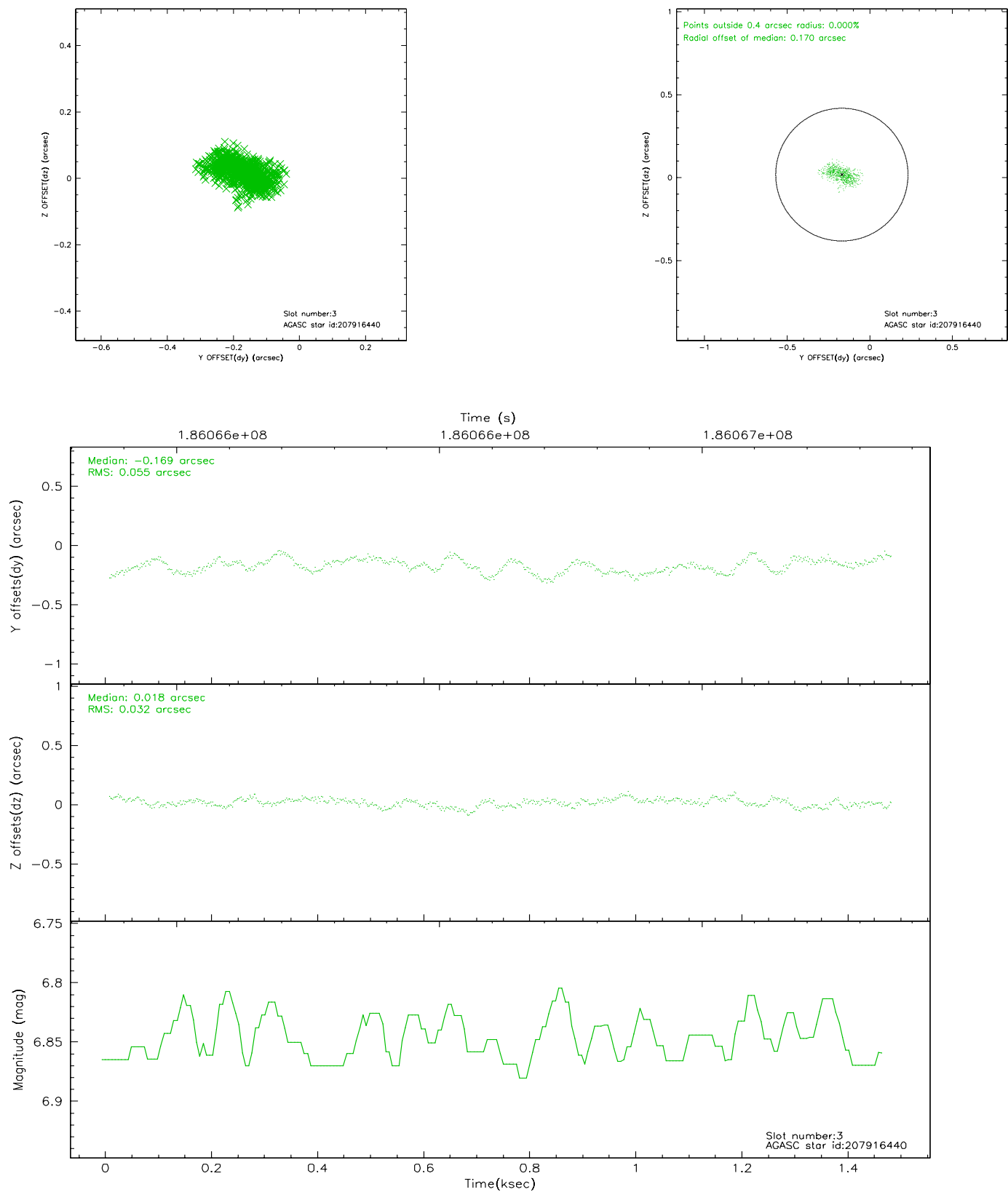


Slot Statistics

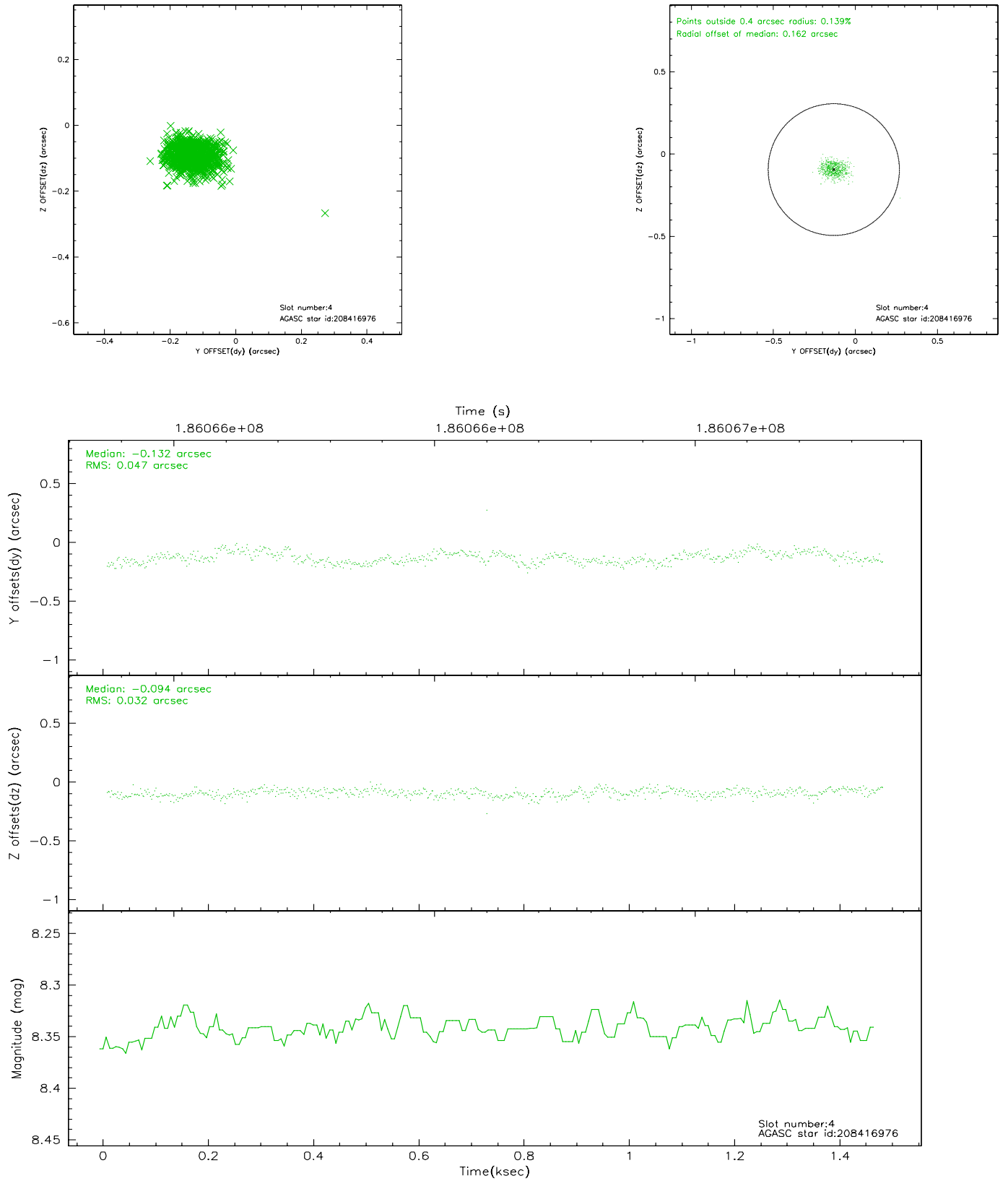
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	360	0.006	0.020	0.006	0.009	0.000000	0.000000	-760.48	-1733.13
1	FID	ACIS-S-4	7.20	360	0.013	-0.012	0.006	0.010	0.000000	0.000000	2150.75	170.69
2	FID	ACIS-S-6	7.34	360	-0.047	-0.002	0.007	0.011	0.000000	0.000000	407.21	813.20
3	GUIDE	207916440	6.85	720	-0.169	0.018	0.070	0.109	287.167522	16.851310	-1469.26	-659.35
4	GUIDE	208416976	8.34	720	-0.132	-0.094	0.057	0.093	287.326965	17.073967	-1664.95	291.84
5	GUIDE	208421840	9.19	720	0.080	0.003	0.130	0.188	287.570311	16.918850	-681.21	507.52
6	GUIDE	209596088	9.38	720	0.198	0.030	0.091	0.147	288.150718	16.305149	2300.47	417.30
7	GUIDE	209585448	7.95	719	0.017	0.044	0.054	0.090	288.114724	16.850123	804.43	1686.57

2.4 Star Slots

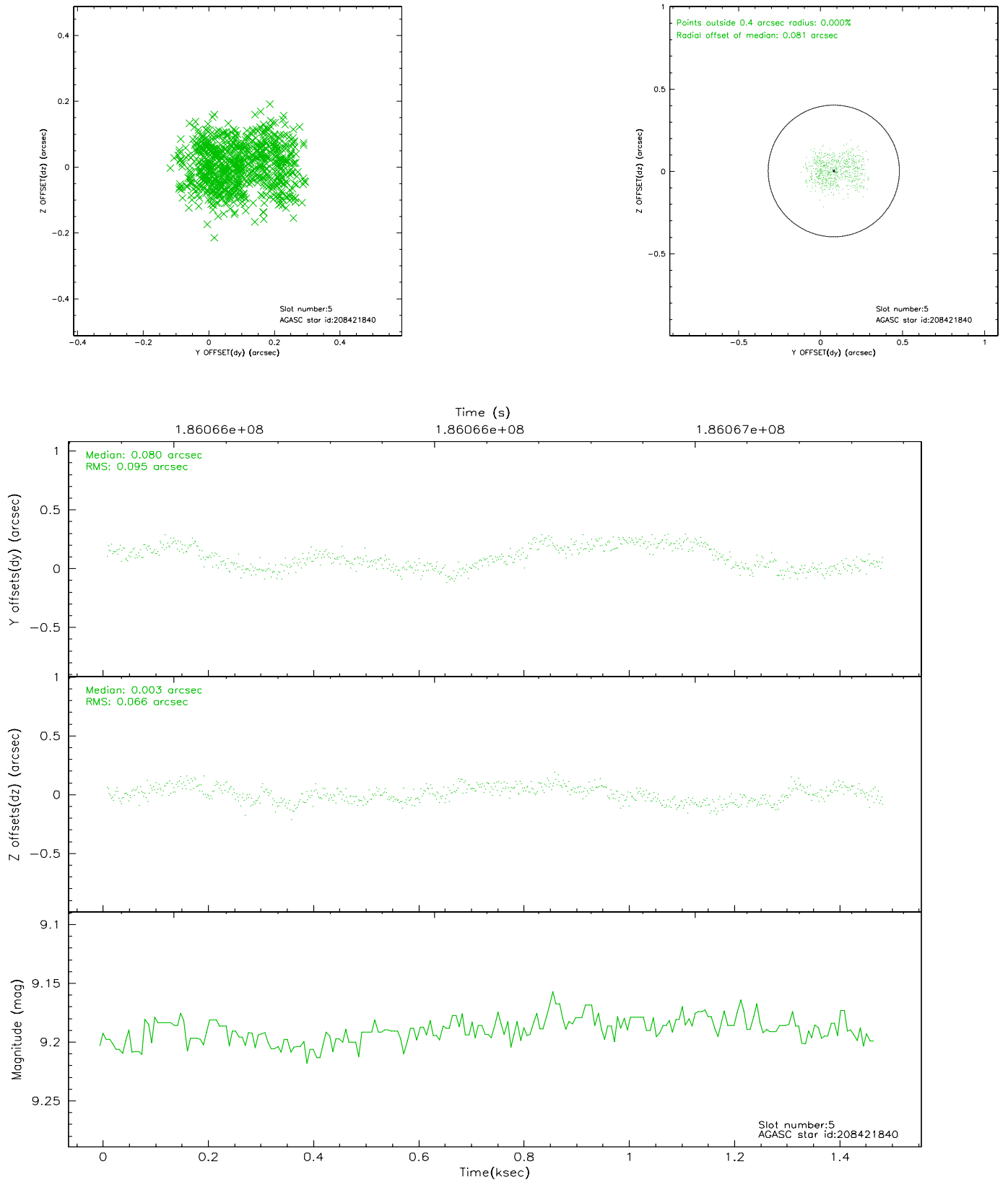
2.4.1 Slot 3



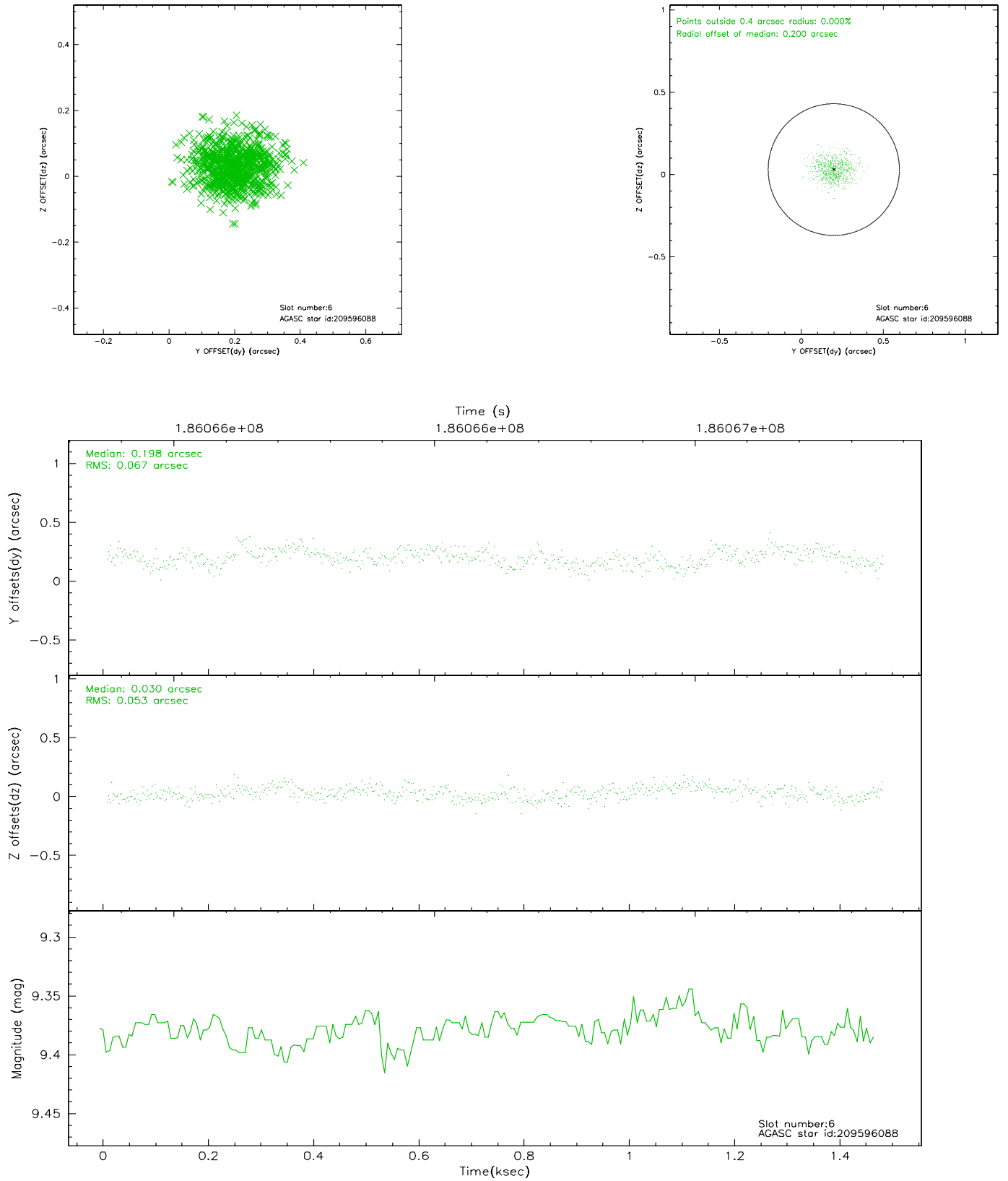
2.4.2 Slot 4



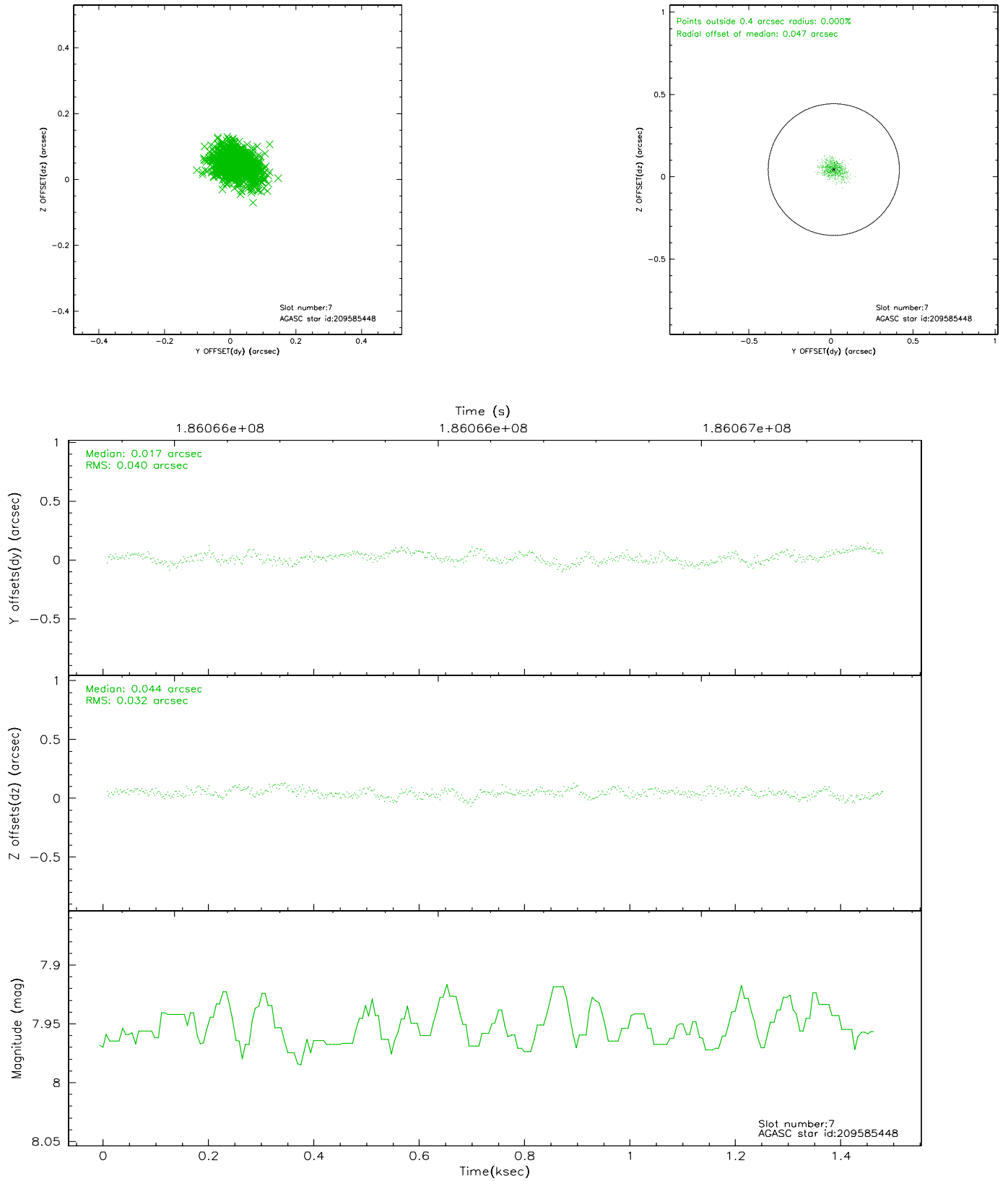
2.4.3 Slot 5



2.4.4 Slot 6

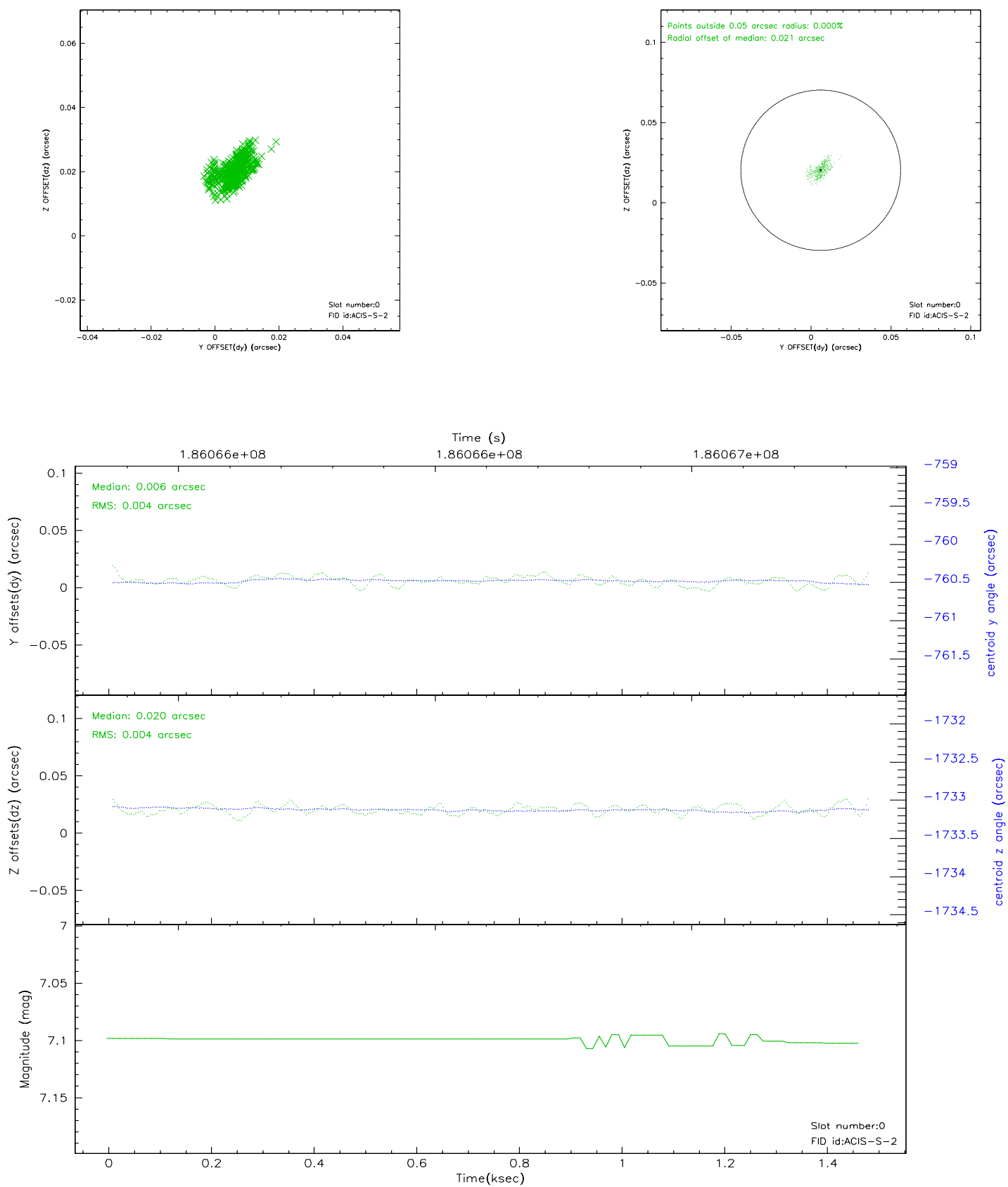


2.4.5 Slot 7

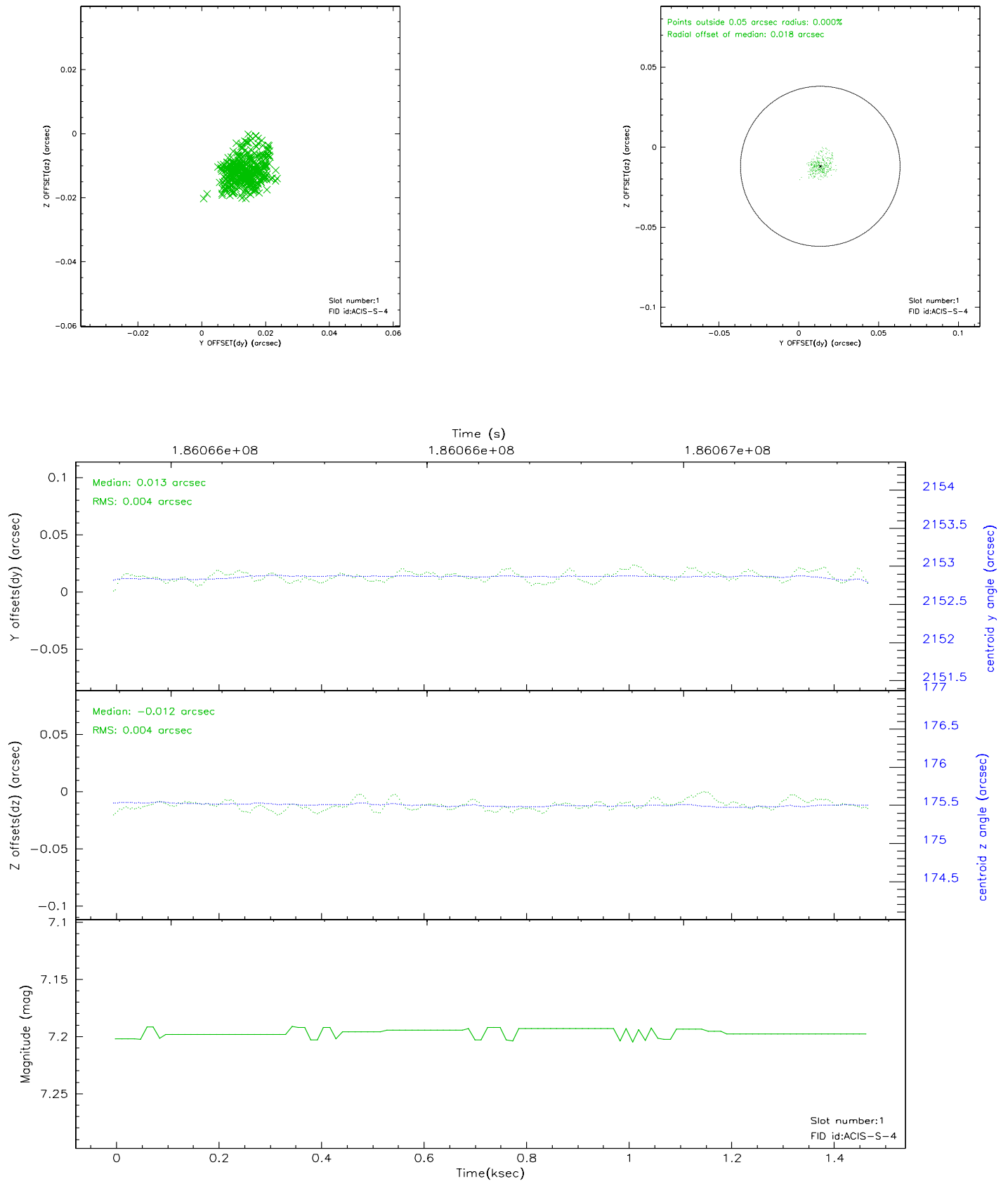


2.5 FID Slots

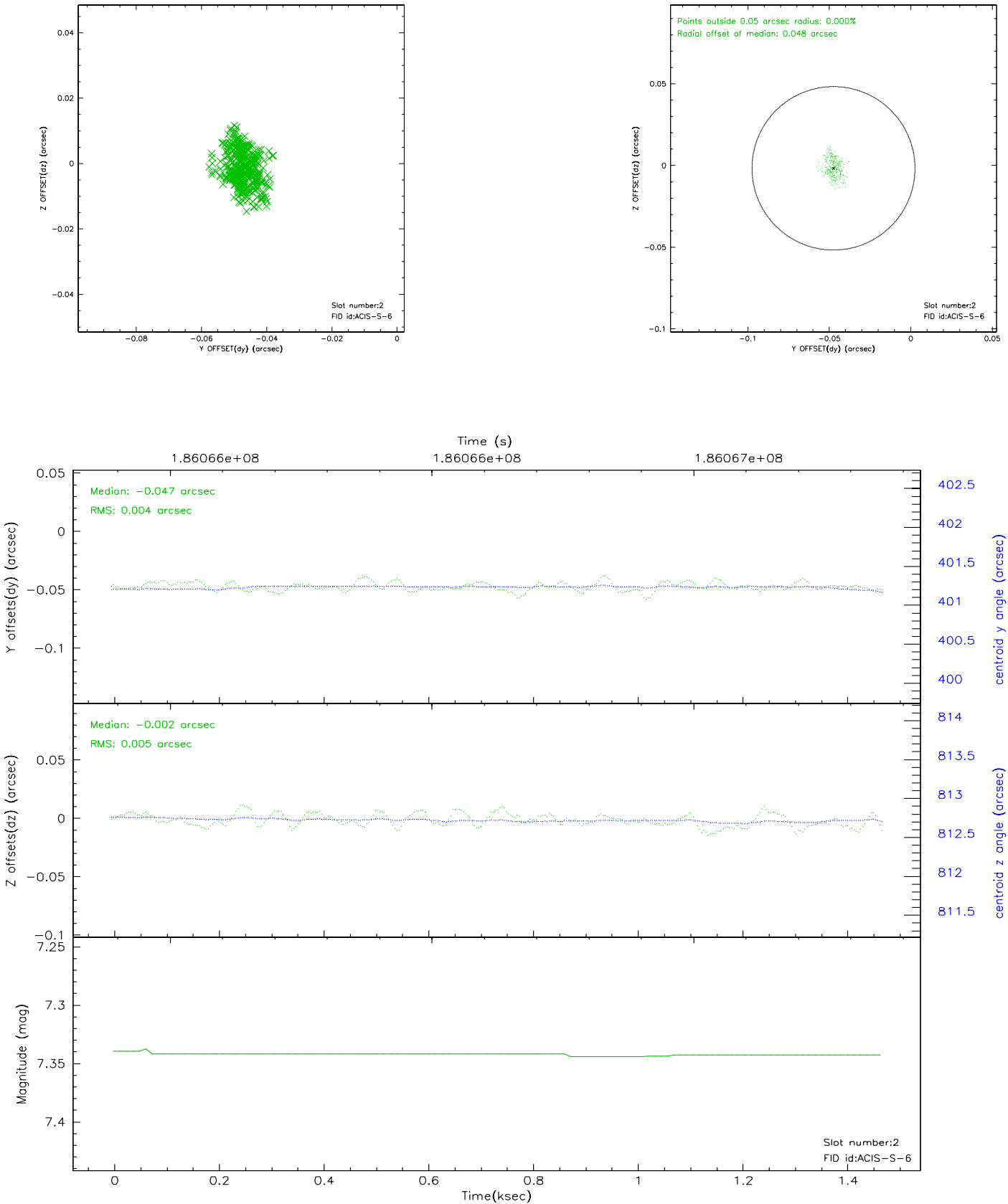
2.5.1 Slot 0



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)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.471

A.2 Comments