

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5263 - L2 Version 001
Chandra X-Ray Center

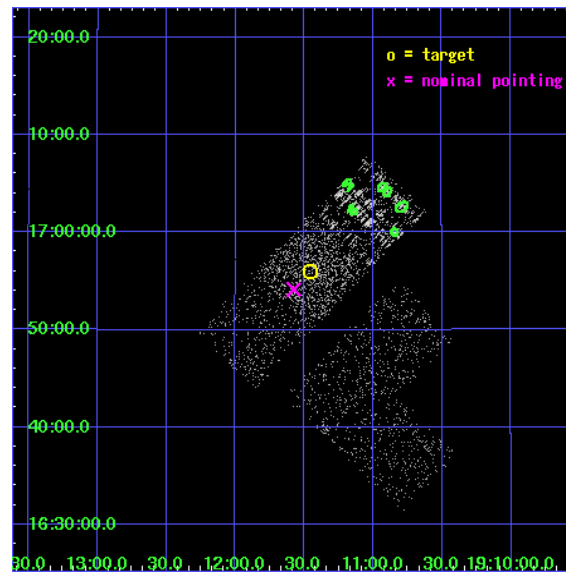
L2 Processing Date : Jun 26 2006

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1 Front

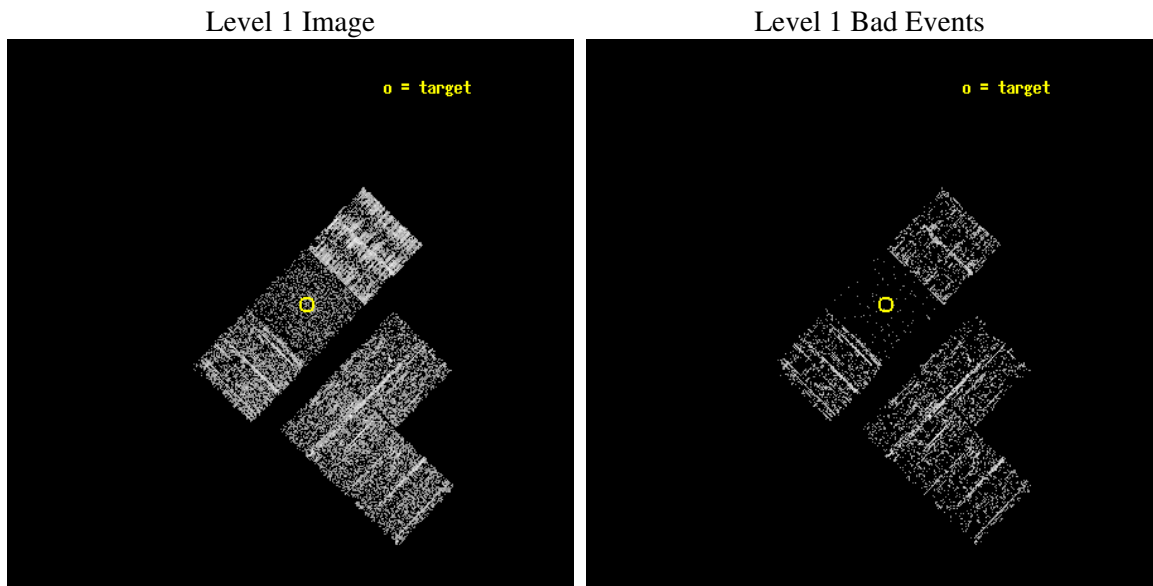
seq_num	100051
obs_id	5263
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.8643
dec_targ	16.93407
ra_nom	287.89379625558
dec_nom	16.902415364694
roll_nom	314.14799300186
revision	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	4394



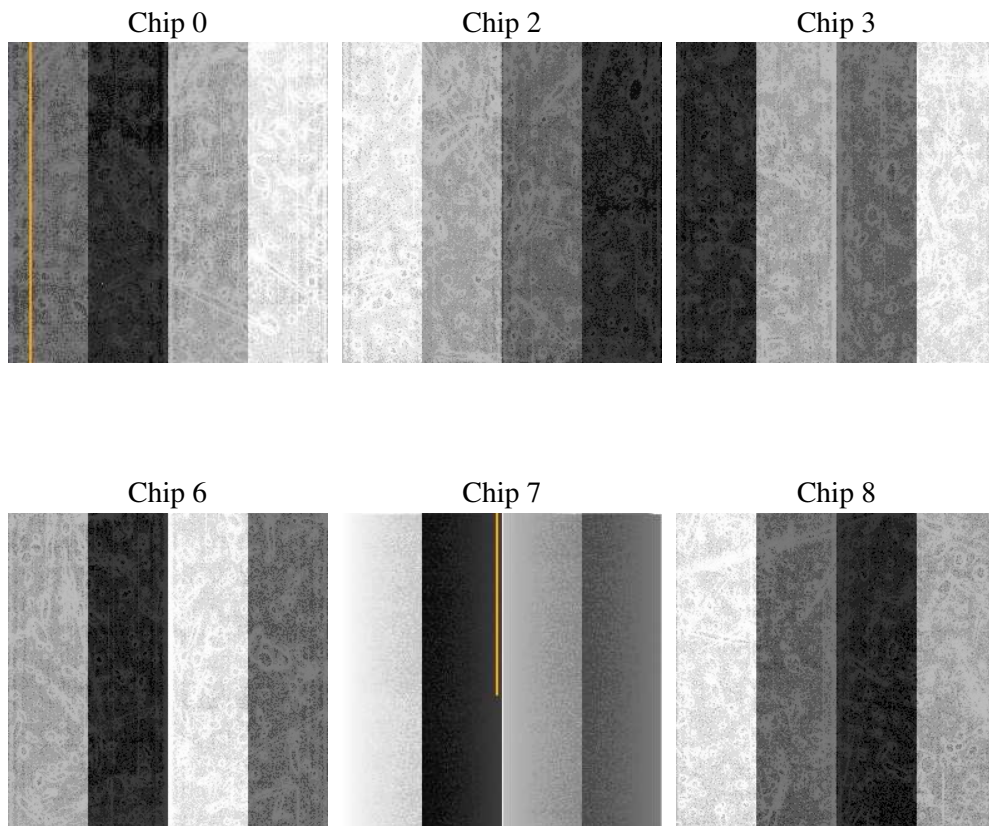
2 OBI

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	2006-06-26T18:29:43
revision	2

sched_exp_time	1290.000000
ontime	1801.9967578948
ontime0	1801.9967578948
ontime2	1798.7557378113
ontime3	1801.9967578948
ontime6	1801.9967578948
ontime7	1801.9967578948
ontime8	1801.9967578948
l1events	38755

2.1.4 Events

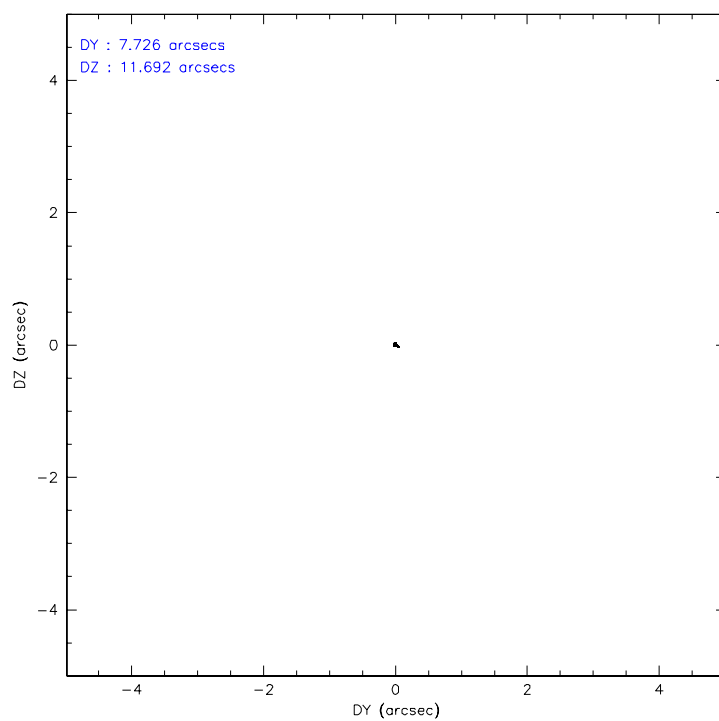
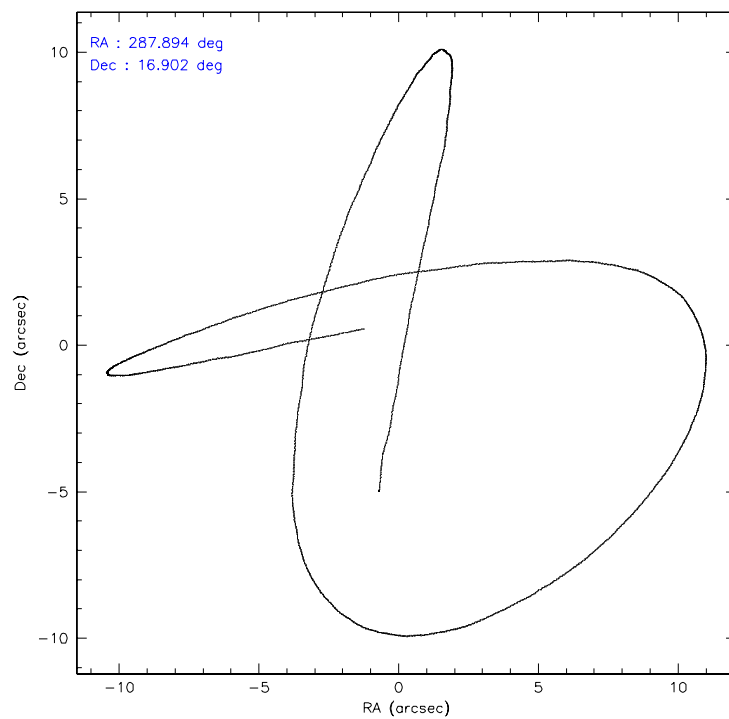
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5517	6664	5571	6951	2269	11783
rejected events	5028	6113	5180	6422	947	6705
rejected %	91%	91%	92%	92%	41%	56%

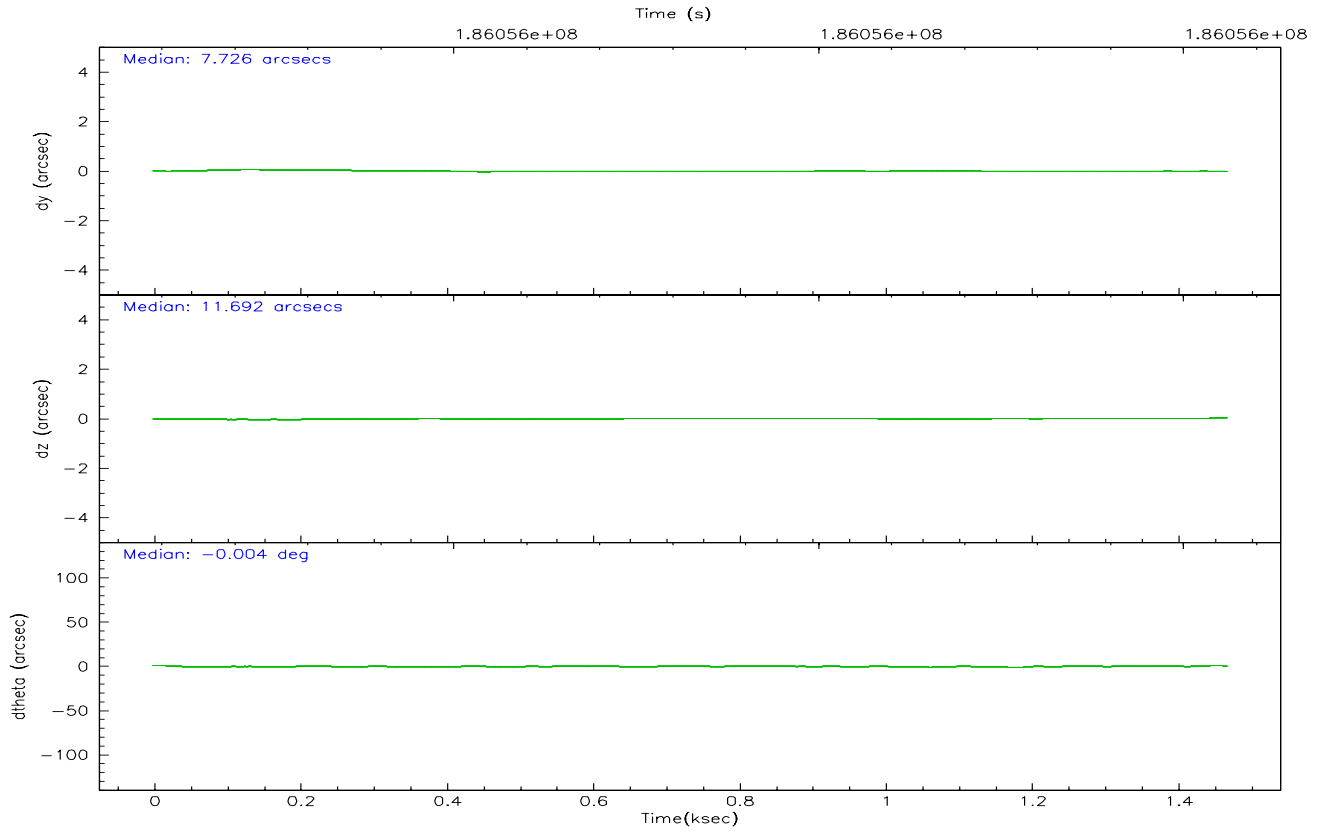
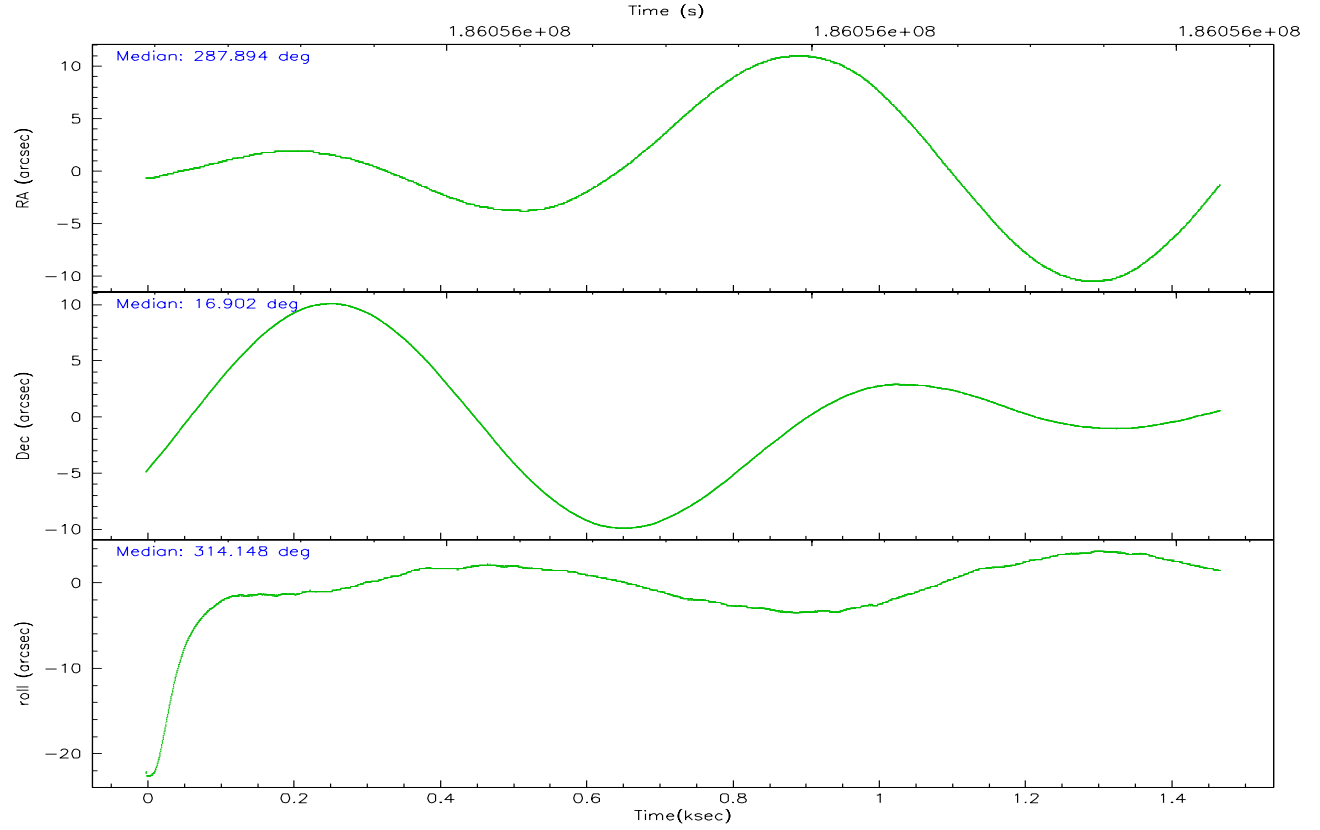
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	255	314	223	319	325	1771
	4%	4%	4%	4%	14%	15%
grade 1 events	6	1	0	2	8	21
	0%	0%	0%	0%	0%	0%
grade 2 events	179	140	103	157	480	951
	3%	2%	1%	2%	21%	8%
grade 3 events	47	54	45	51	172	1036
	0%	0%	0%	0%	7%	8%
grade 4 events	41	76	51	56	154	997
	0%	1%	0%	0%	6%	8%
grade 5 events	53	45	54	58	177	138
	0%	0%	0%	0%	7%	1%
grade 6 events	59	67	47	60	437	1401
	1%	1%	0%	0%	19%	11%
grade 7 events	4877	5967	5048	6248	516	5468
	88%	89%	90%	89%	22%	46%

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	287.866677	287.8937962555784	Alternating exposures requested	N	N
Pointing Dec	16.909160	16.9024153646937	Primary exposure time	0.000000	3.2
Pointing Roll	313.999304	314.1479930018551			
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	186055264.184000	186054887.93196			
Observation start date	2003-11-24T10:00:00	2003-11-24T09:54:47			
Observation end time	186056554.184000	186056687.83204			
Observation end date	2003-11-24T10:21:30	2003-11-24T10:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



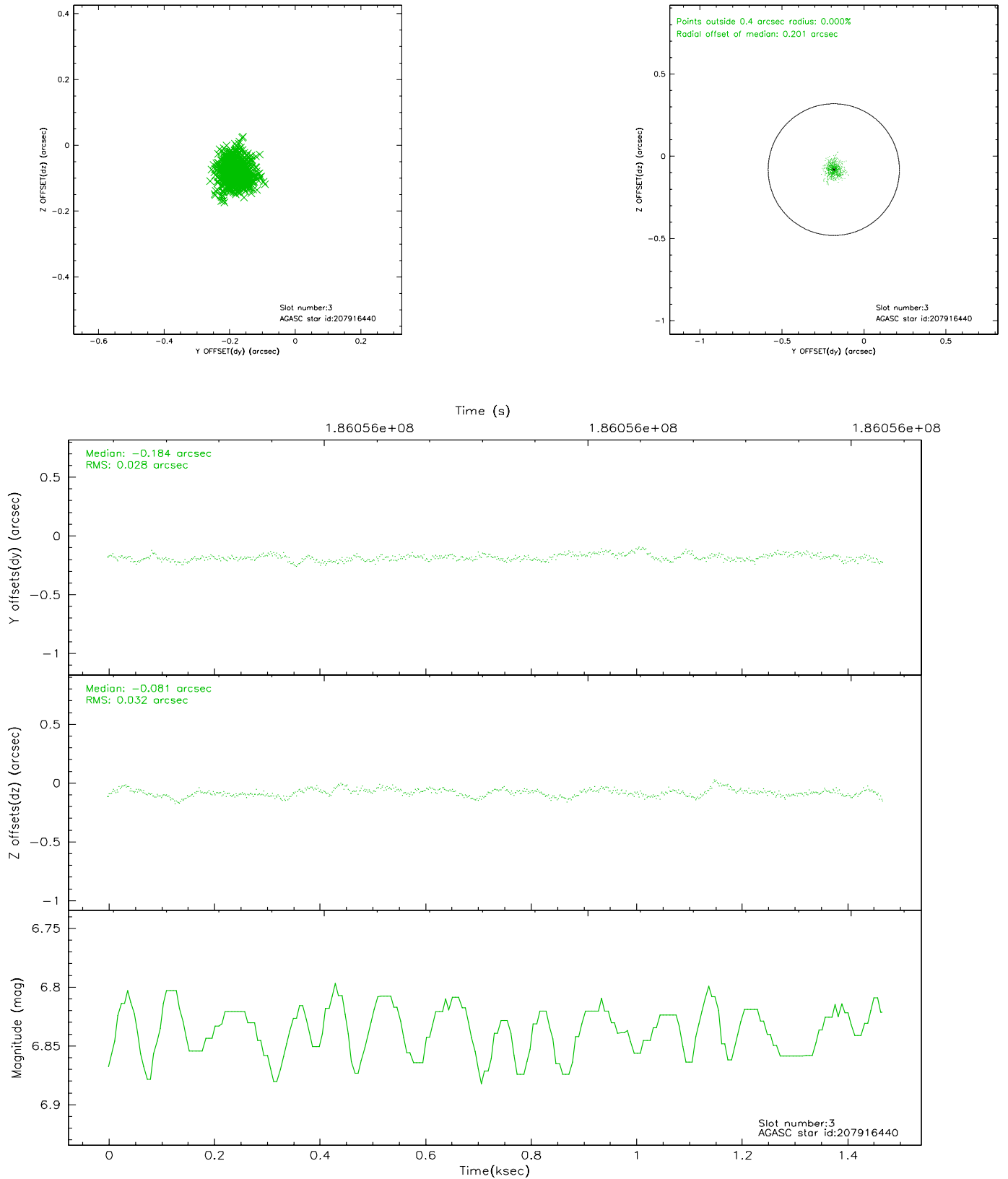


Slot Statistics

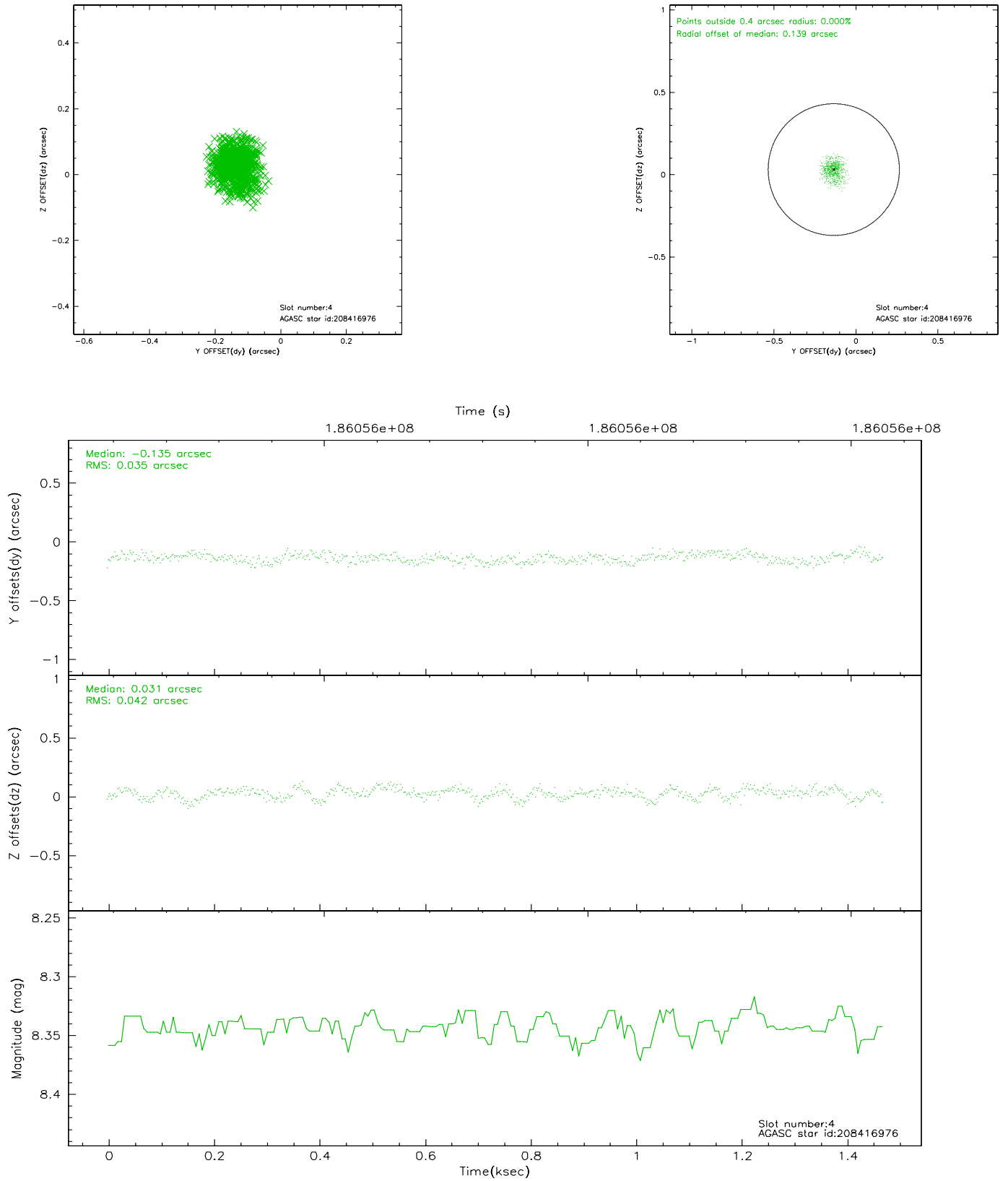
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	359	0.002	0.019	0.007	0.011	0.000000	0.000000	-760.49	-1732.97
1	FID	ACIS-S-4	7.20	359	0.003	-0.006	0.004	0.008	0.000000	0.000000	2150.73	170.84
2	FID	ACIS-S-5	7.23	359	-0.037	-0.005	0.006	0.012	0.000000	0.000000	-1807.59	169.62
3	GUIDE	207916440	6.83	718	-0.184	-0.081	0.044	0.074	287.167522	16.851310	-1524.47	-1874.77
4	GUIDE	208416976	8.34	718	-0.135	0.031	0.059	0.094	287.326965	17.073967	-1718.93	-924.79
5	GUIDE	208421840	9.22	718	0.078	0.027	0.085	0.140	287.570311	16.918850	-734.89	-710.52
6	GUIDE	209585448	7.93	718	0.025	-0.094	0.075	0.116	288.114724	16.850123	748.18	466.51
7	GUIDE	209596088	9.36	717	0.219	0.116	0.094	0.161	288.150718	16.305149	2248.78	-803.01

2.4 Star Slots

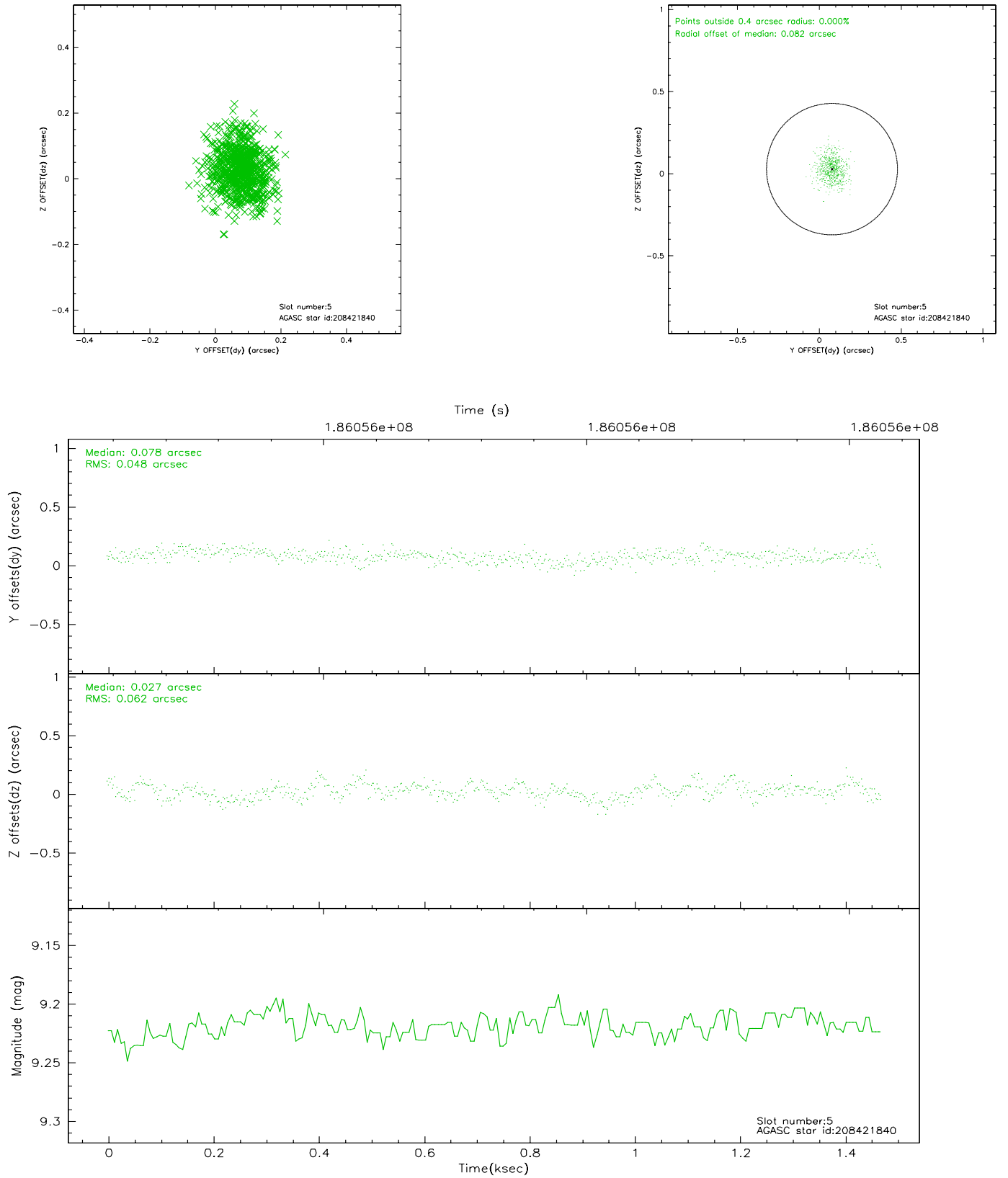
2.4.1 Slot 3



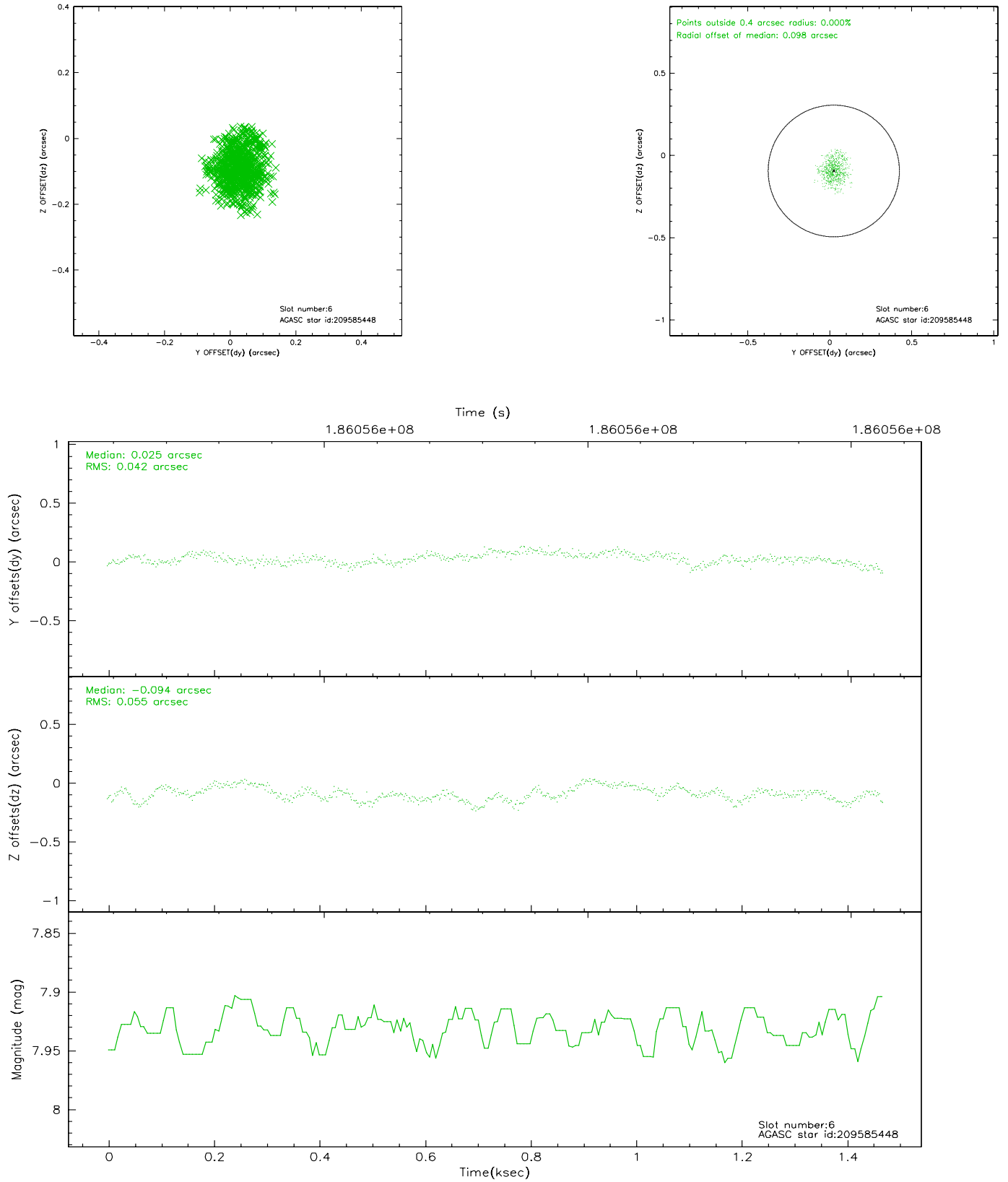
2.4.2 Slot 4



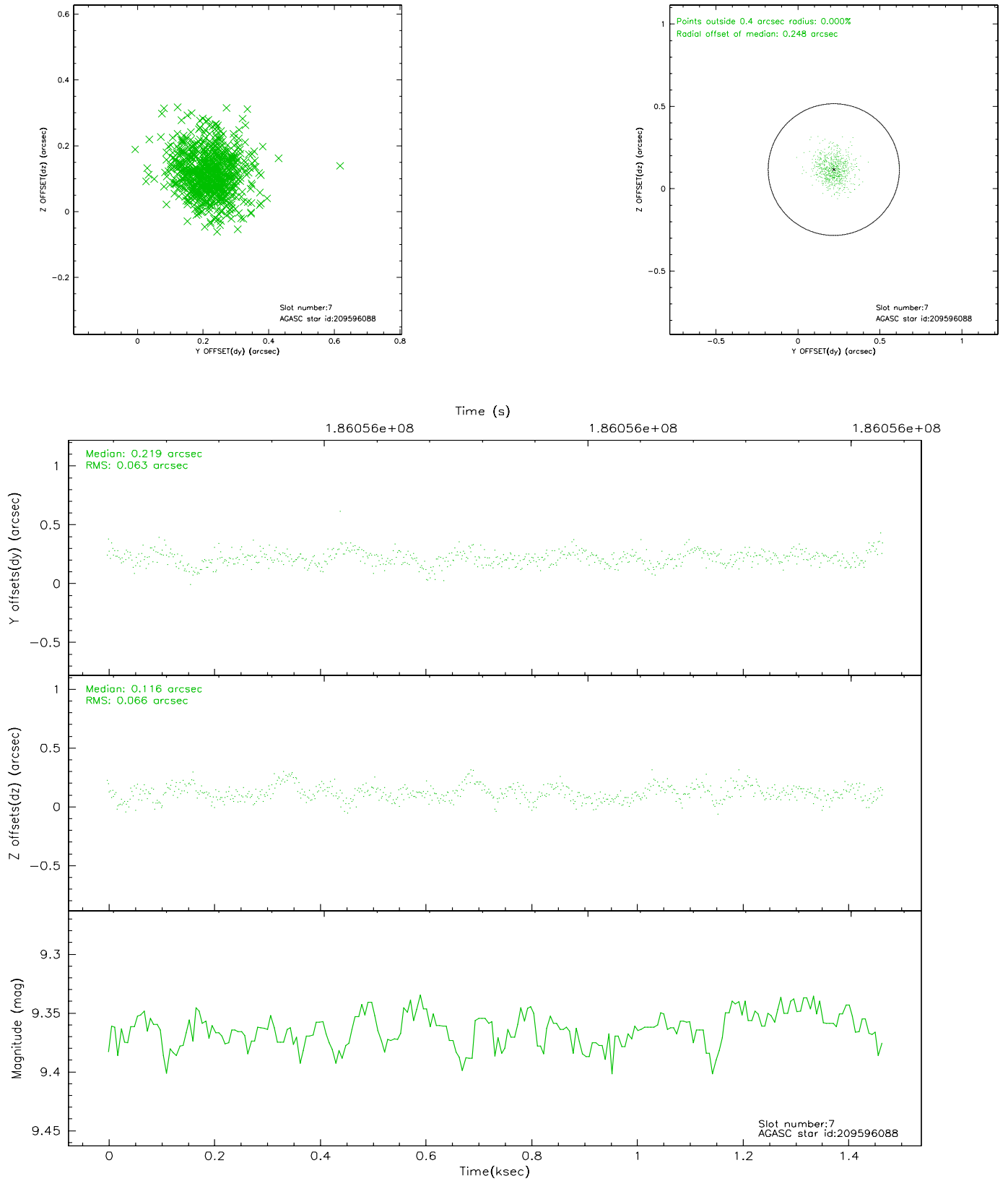
2.4.3 Slot 5



2.4.4 Slot 6

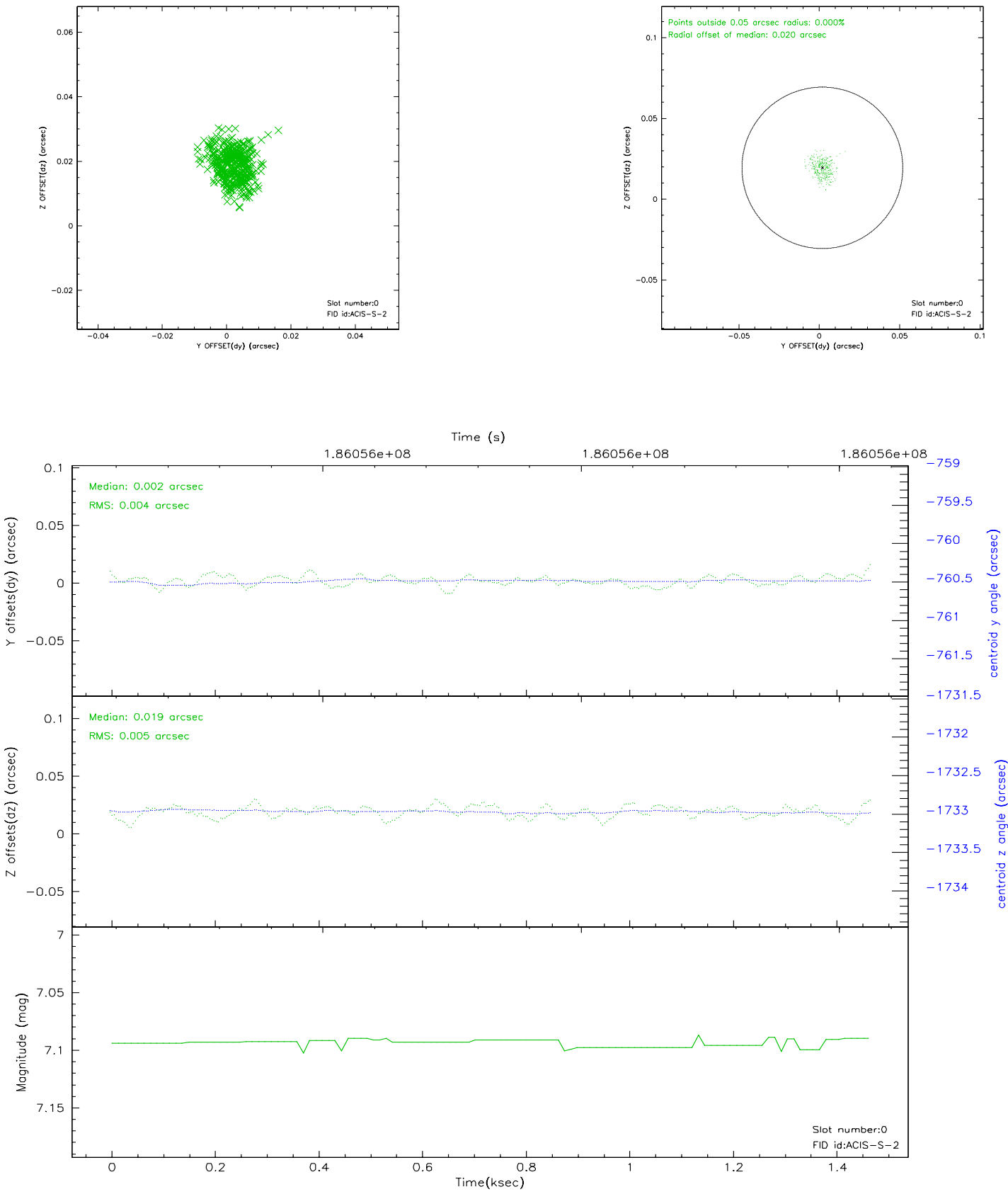


2.4.5 Slot 7

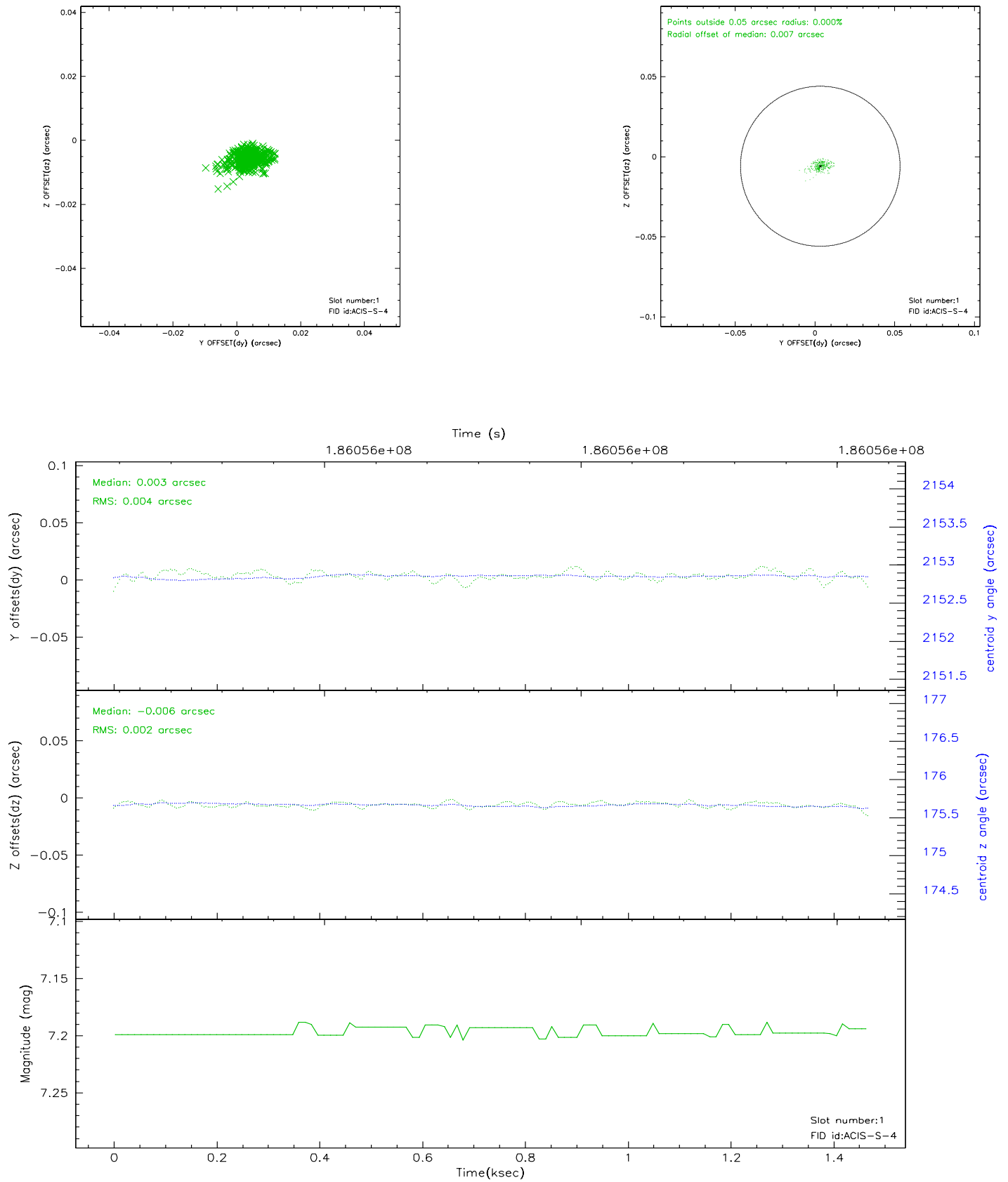


2.5 FID Slots

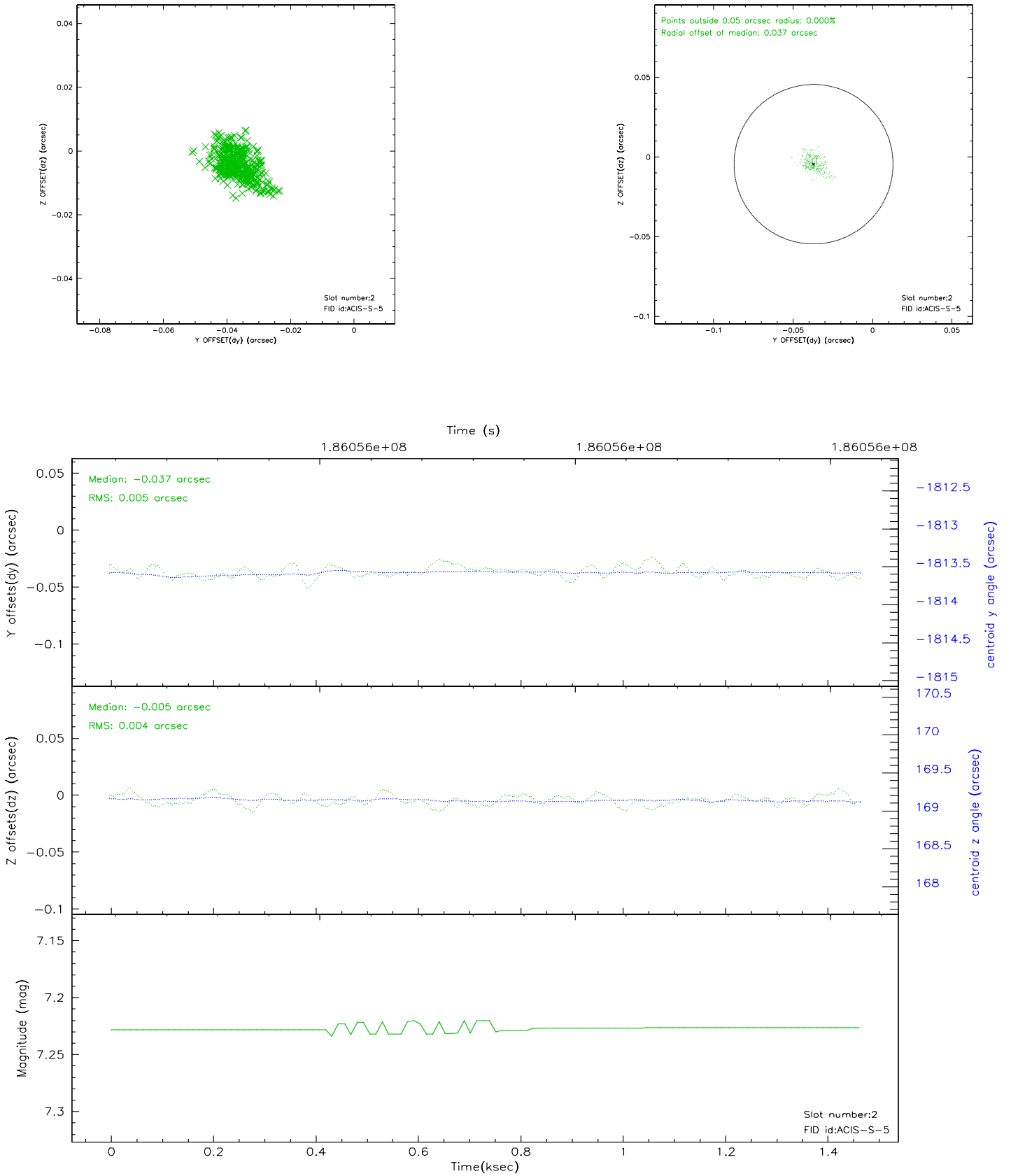
2.5.1 Slot 0



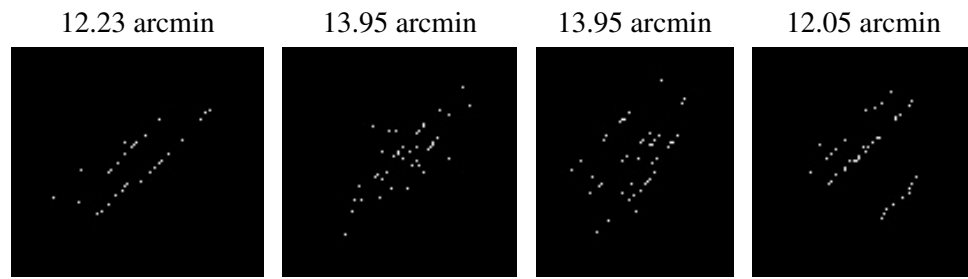
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.468

A.2 Comments