

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5268 - L2 Version 001
Chandra X-Ray Center

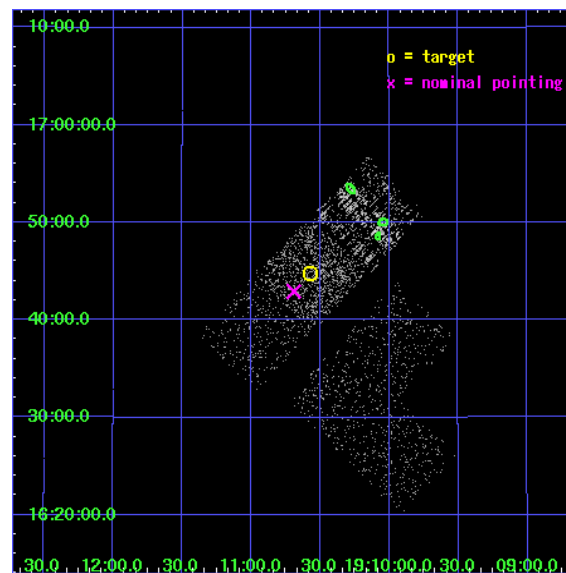
L2 Processing Date : Jun 26 2006

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1 Front

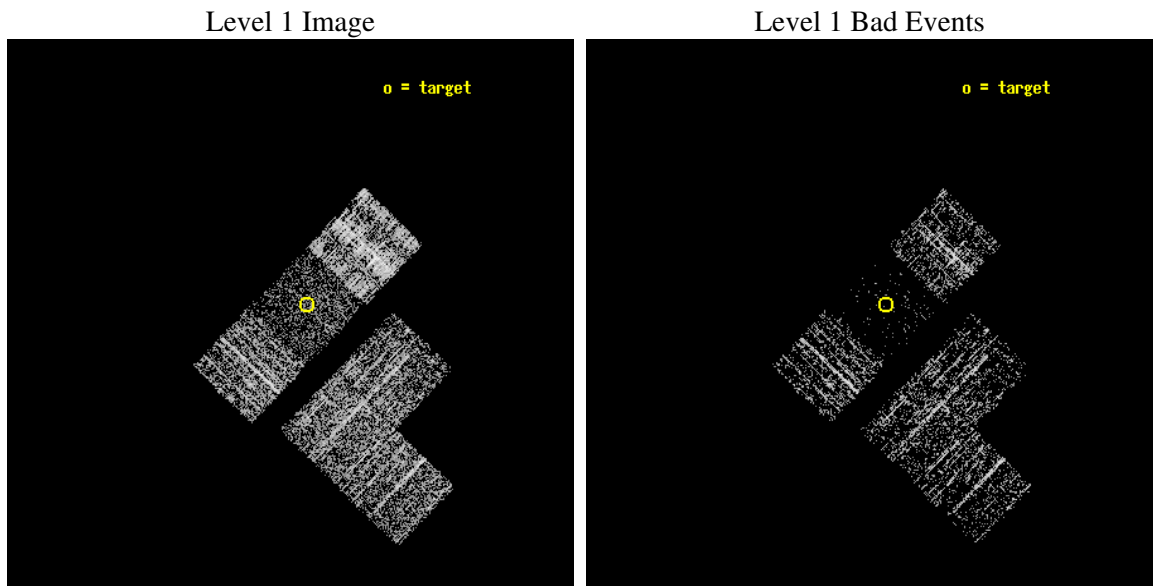
seq_num	100051
obs_id	5268
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.64331
dec_targ	16.74724
ra_nom	287.67273867013
dec_nom	16.715536835915
roll_nom	314.14804679165
revision	2
ontime	1475.1999945045
livetime	1456.5201239152
ontime0	1475.1999945045
ontime2	1475.1999945045
ontime3	1475.1999945045
ontime6	1475.1999945045
ontime7	1475.1999945045
ontime8	1475.1999945045
l2events	3994



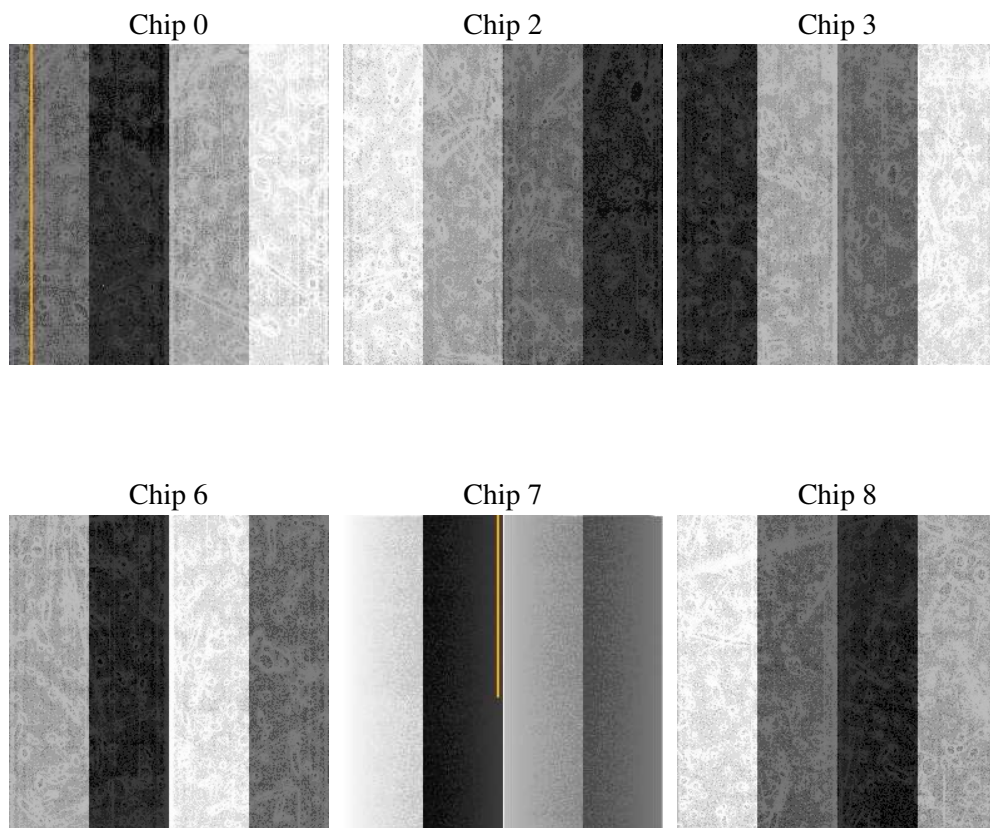
2 OBI

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	2006-06-26T19:16:43
revision	2

sched_exp_time	1290.000000
ontime	1798.7561378181
ontime0	1798.7561677396
ontime2	1798.7561378181
ontime3	1798.7561378181
ontime6	1798.7561378181
ontime7	1798.7561378181
ontime8	1798.7561378181
l1events	39944

2.1.4 Events

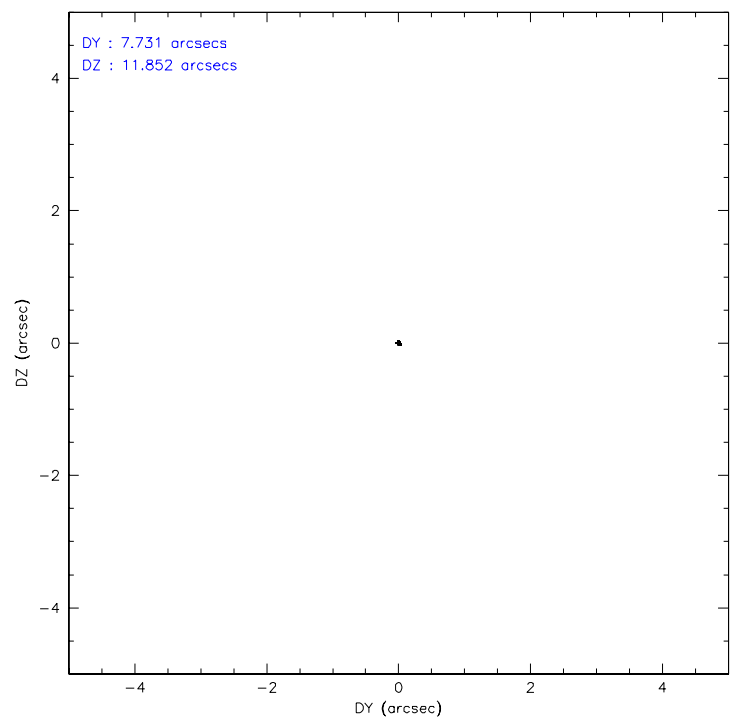
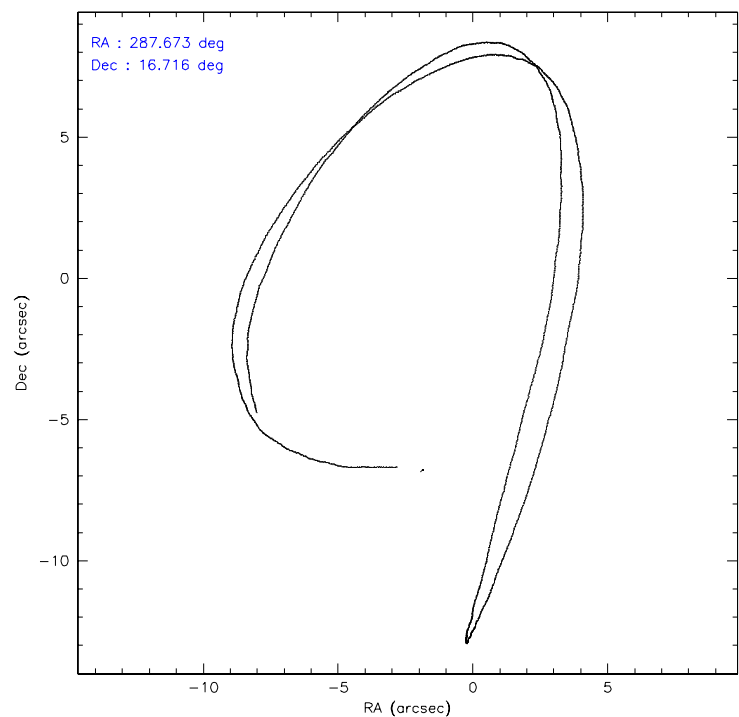
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5865	6894	5637	6763	2303	12482
rejected events	5407	6362	5316	6307	1066	7430
rejected %	92%	92%	94%	93%	46%	59%

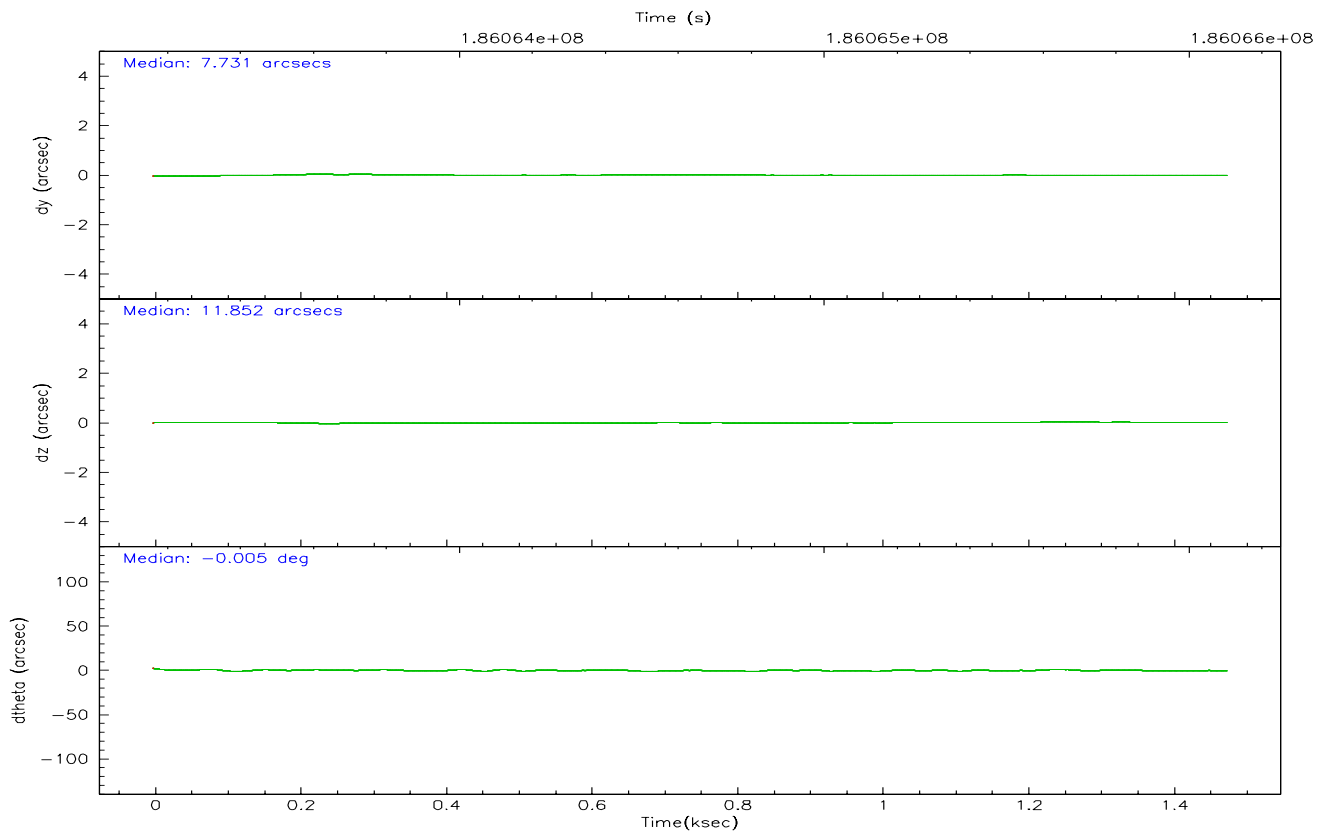
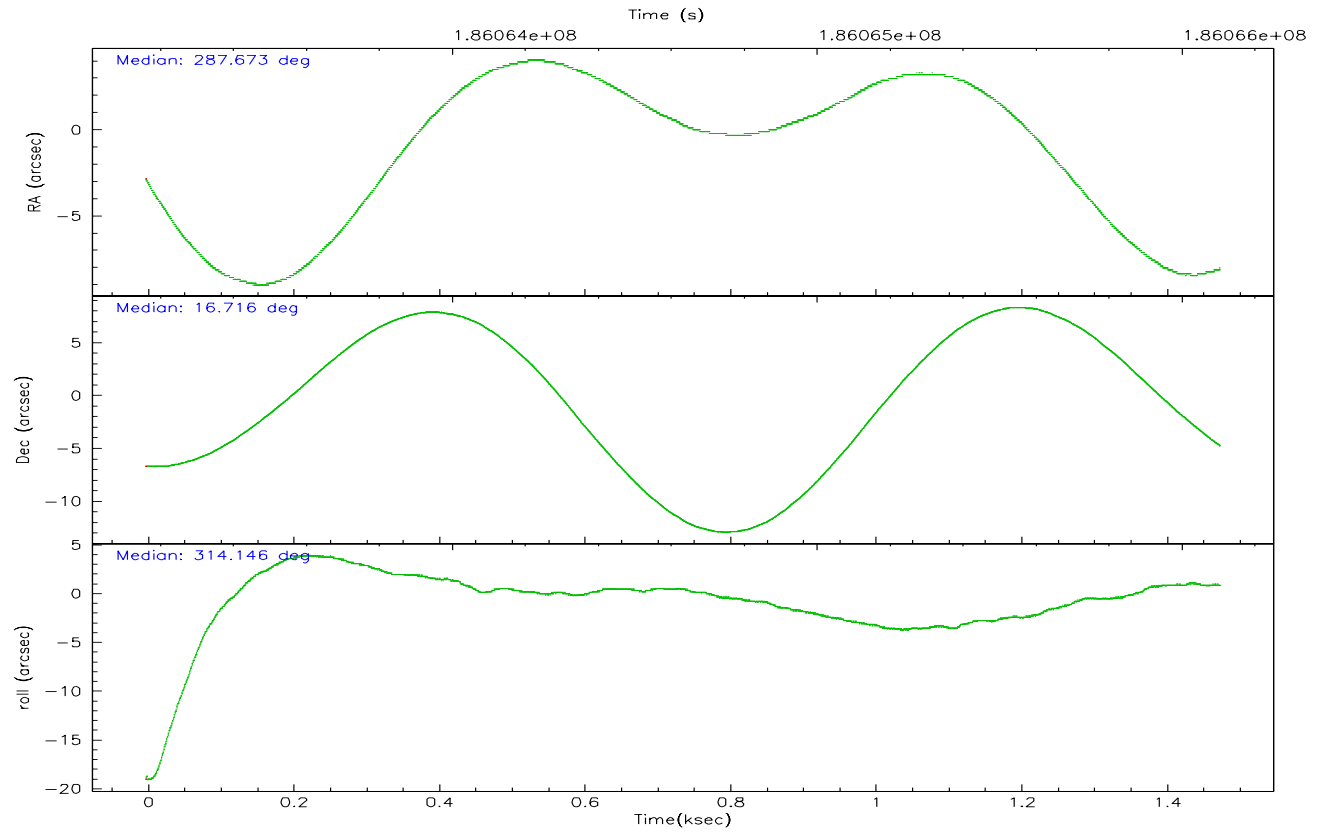
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	229	330	189	276	335	1873
	3%	4%	3%	4%	14%	15%
grade 1 events	3	2	2	5	3	13
	0%	0%	0%	0%	0%	0%
grade 2 events	142	135	67	120	498	766
	2%	1%	1%	1%	21%	6%
grade 3 events	64	47	51	53	146	1065
	1%	0%	0%	0%	6%	8%
grade 4 events	59	76	38	54	145	982
	1%	1%	0%	0%	6%	7%
grade 5 events	54	44	33	42	142	169
	0%	0%	0%	0%	6%	1%
grade 6 events	64	65	35	63	452	1340
	1%	0%	0%	0%	19%	10%
grade 7 events	5250	6195	5222	6150	582	6274
	89%	89%	92%	90%	25%	50%

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	287.645689	287.6727386701273	Alternating exposures requested	N	N
Pointing Dec	16.722324	16.71553683591534	Primary exposure time	0.000000	3.2
Pointing Roll	313.999306	314.1480467916513			
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	186064264.184000	186063887.43235			
Observation start date	2003-11-24T12:30:00	2003-11-24T12:24:47			
Observation end time	186065554.184000	186065687.33243			
Observation end date	2003-11-24T12:51:30	2003-11-24T12:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



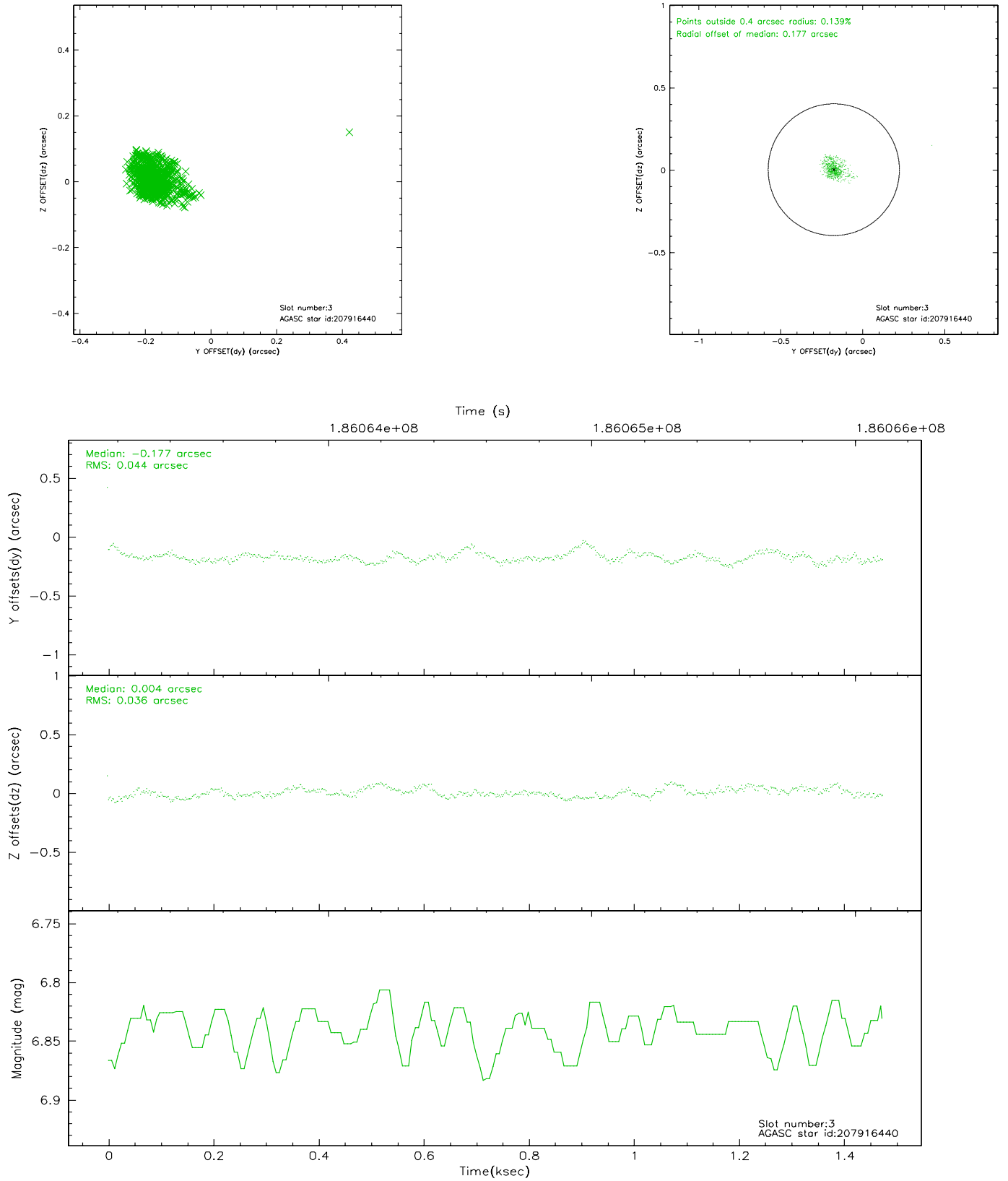


Slot Statistics

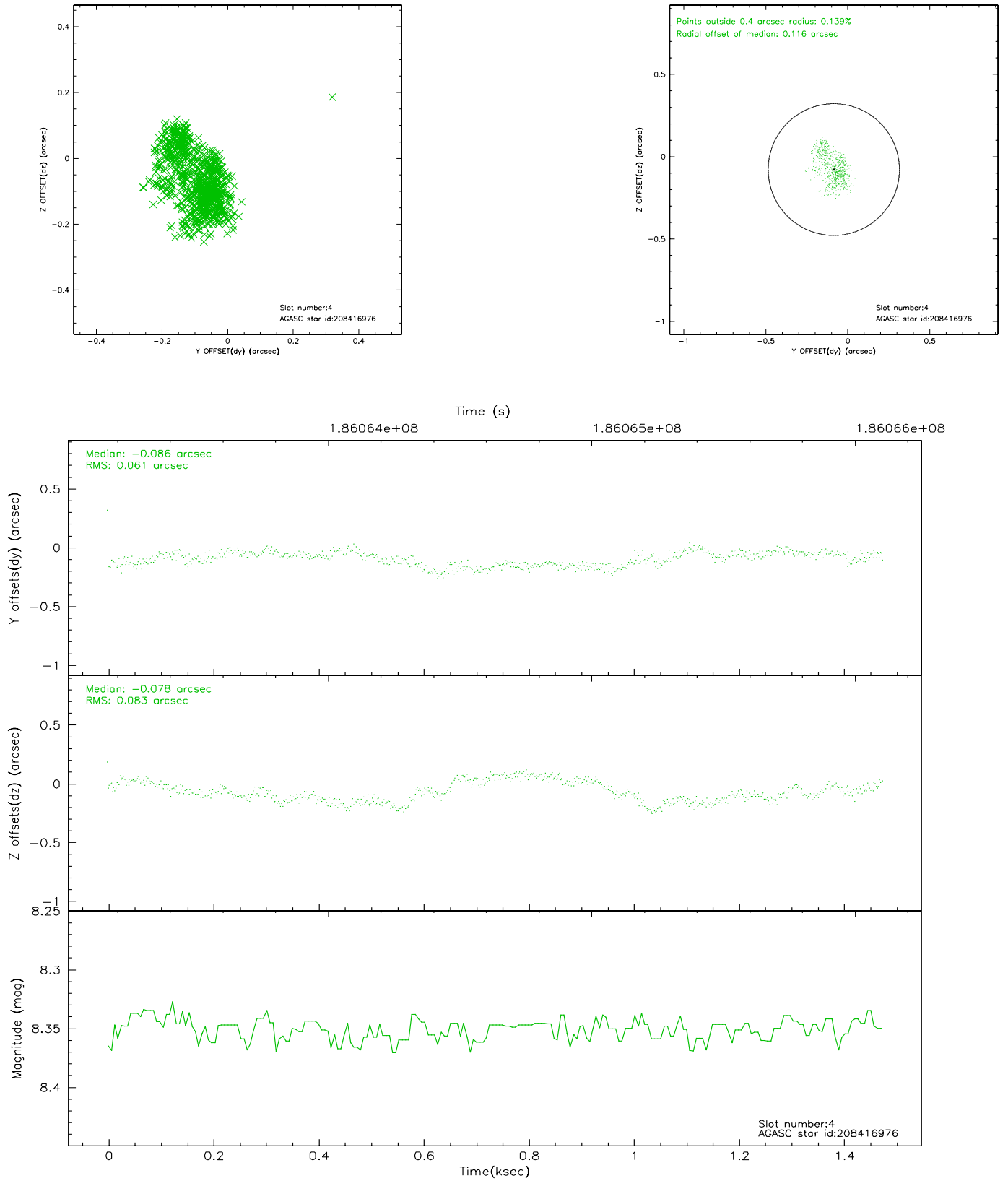
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	361	0.031	-0.063	0.006	0.011	0.000000	0.000000	935.54	-1728.85
1	FID	ACIS-S-2	7.10	360	-0.009	0.048	0.006	0.011	0.000000	0.000000	-757.89	-1737.91
2	FID	ACIS-S-6	7.34	361	-0.043	0.019	0.006	0.010	0.000000	0.000000	399.13	807.92
3	GUIDE	207916440	6.84	721	-0.177	0.004	0.053	0.093	287.167522	16.851310	-1477.83	-861.14
4	GUIDE	208416976	8.35	721	-0.086	-0.078	0.112	0.172	287.326965	17.073967	-1673.31	89.85
5	GUIDE	208421840	9.21	721	0.081	-0.004	0.082	0.132	287.570311	16.918850	-689.57	305.30
6	GUIDE	209596088	9.38	721	0.195	0.026	0.096	0.158	288.150718	16.305149	2292.10	214.53
7	GUIDE	209585448	7.95	720	-0.009	0.046	0.061	0.099	288.114724	16.850123	796.26	1484.07

2.4 Star Slots

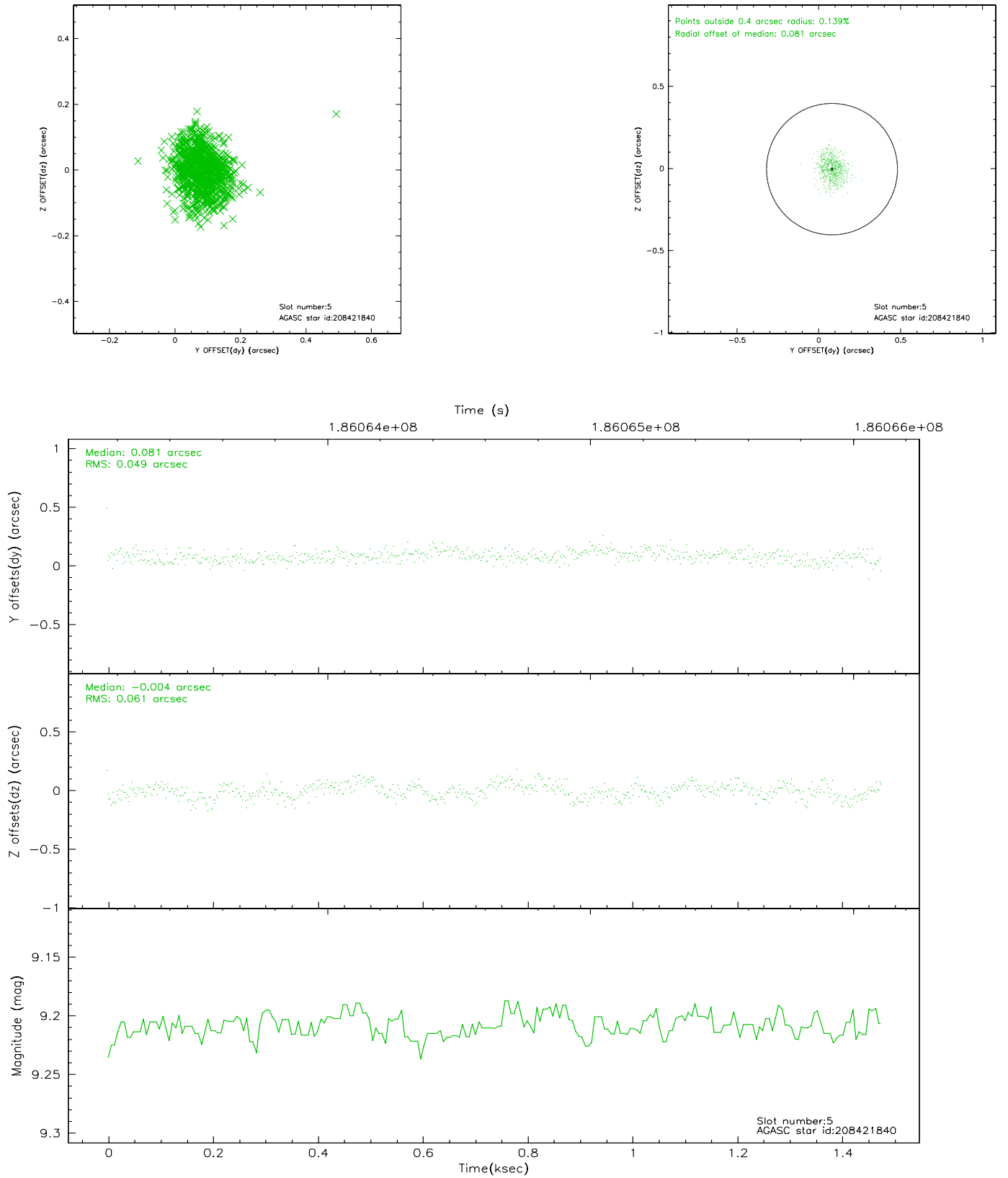
2.4.1 Slot 3



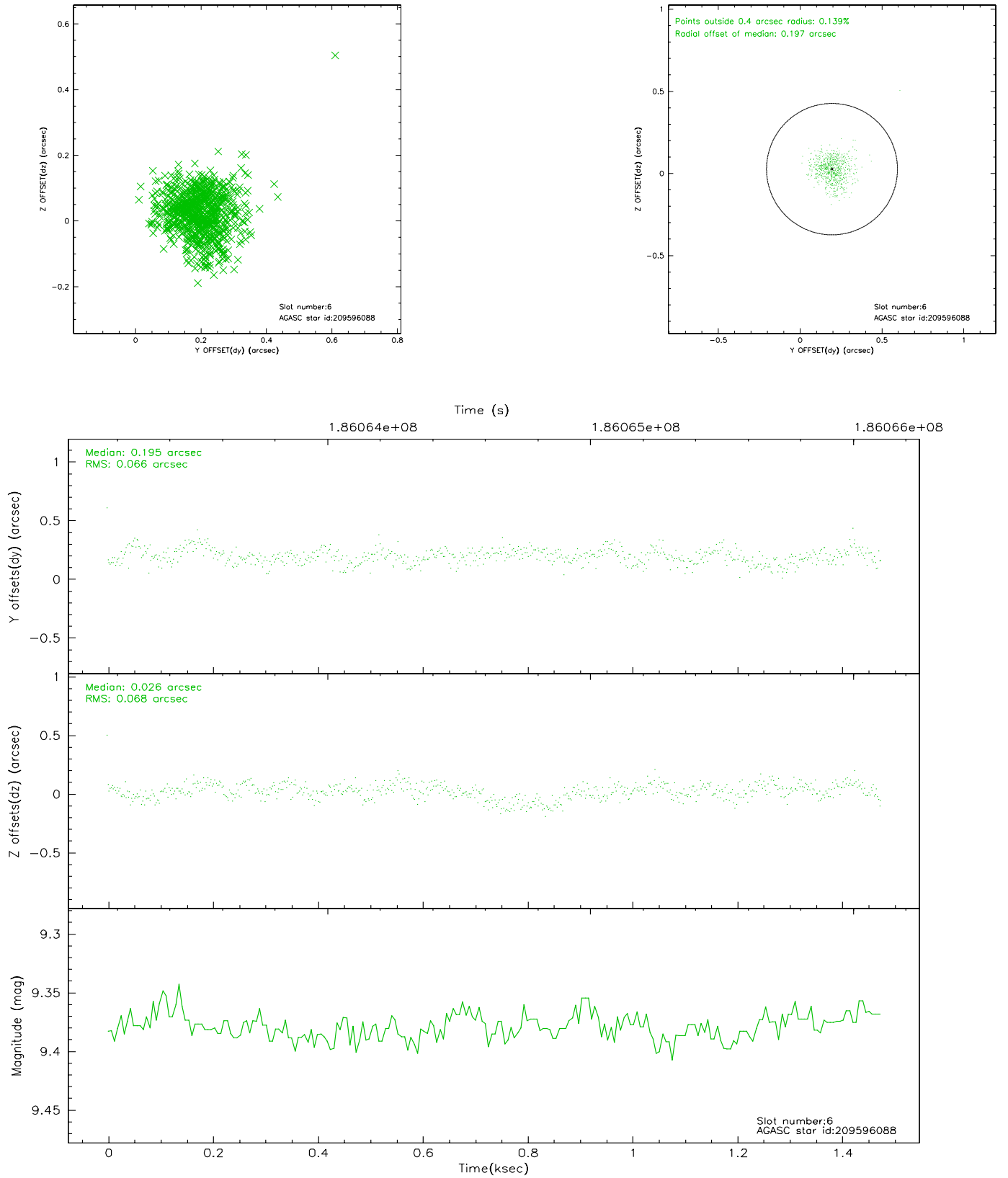
2.4.2 Slot 4



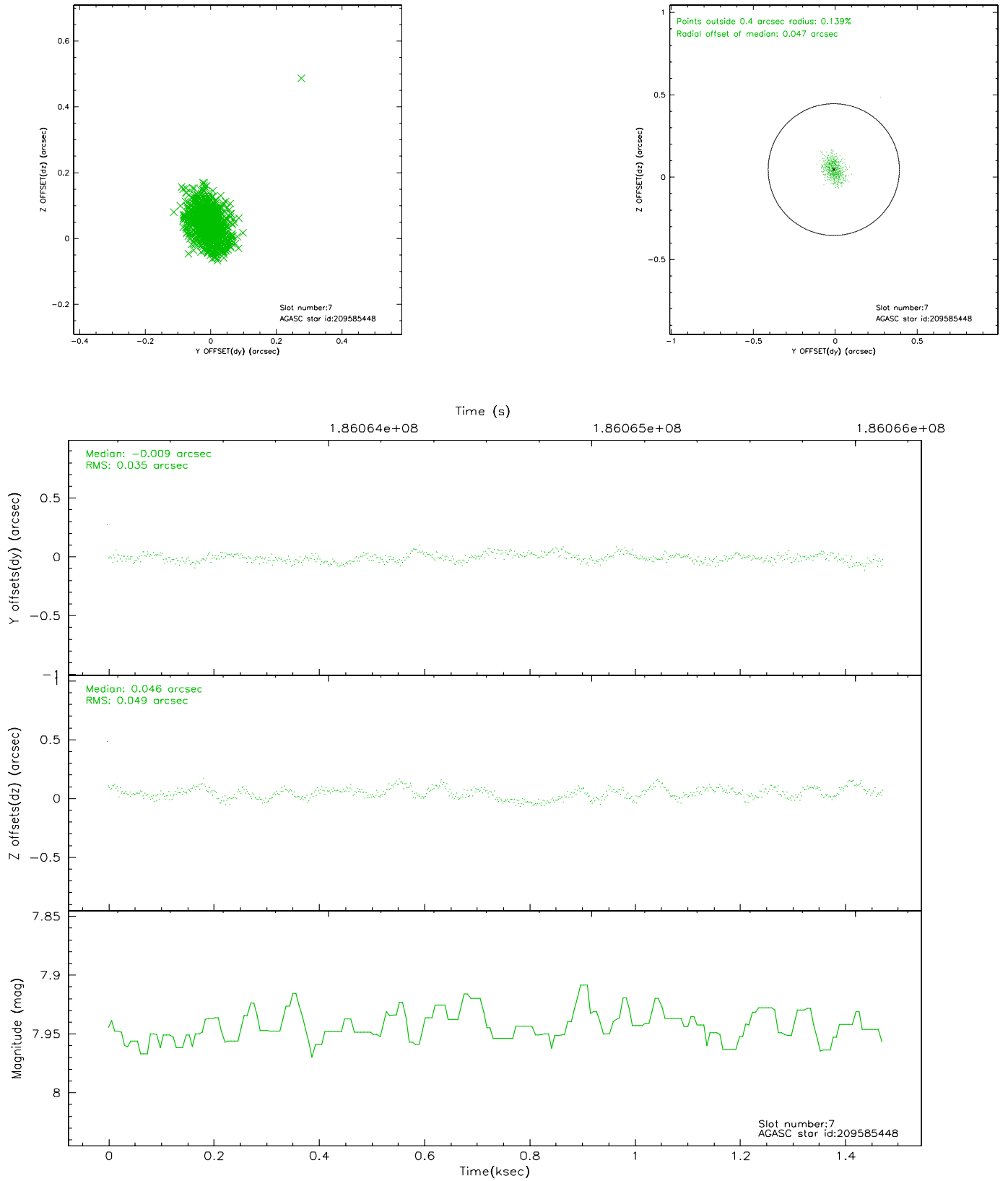
2.4.3 Slot 5



2.4.4 Slot 6

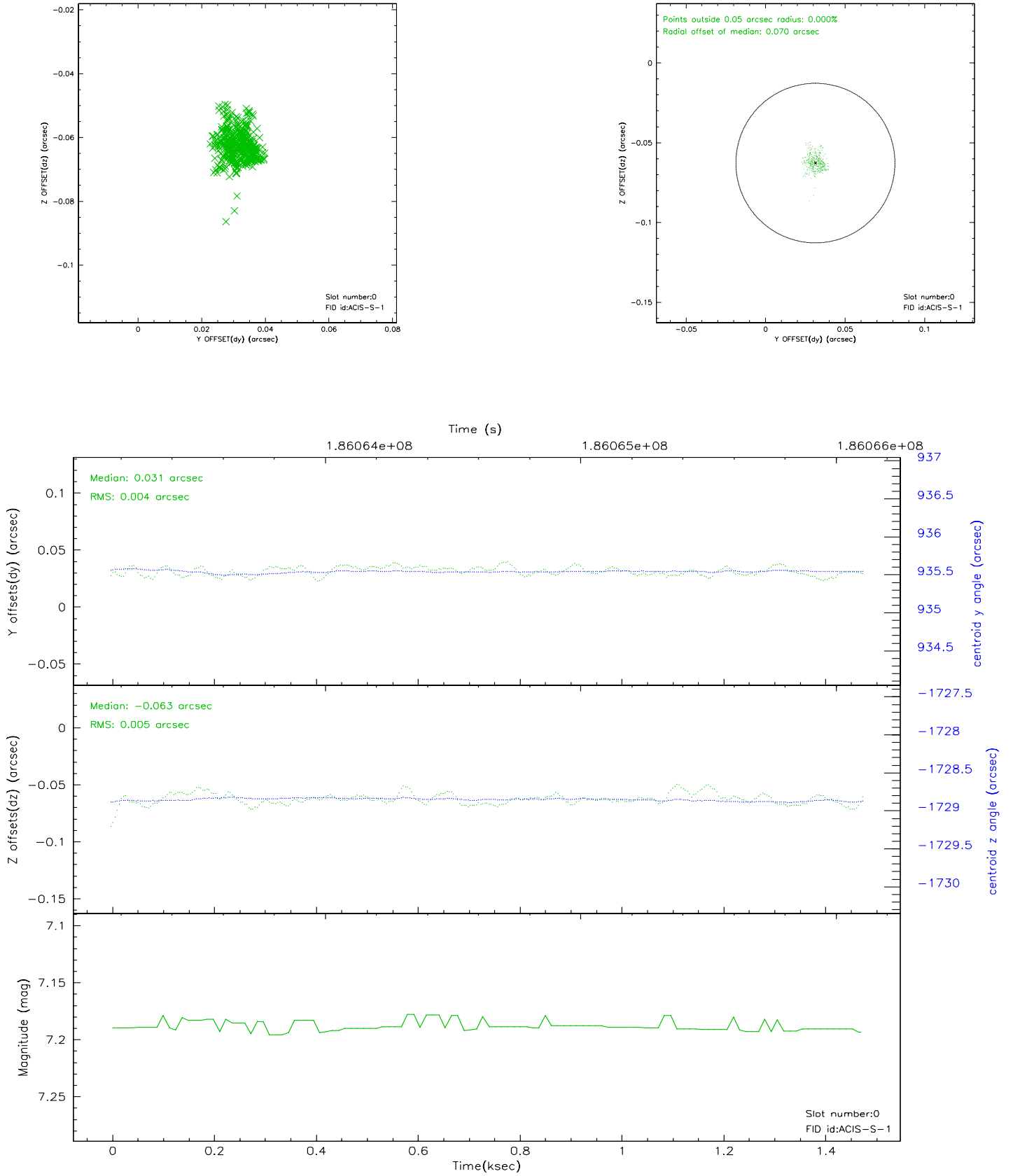


2.4.5 Slot 7

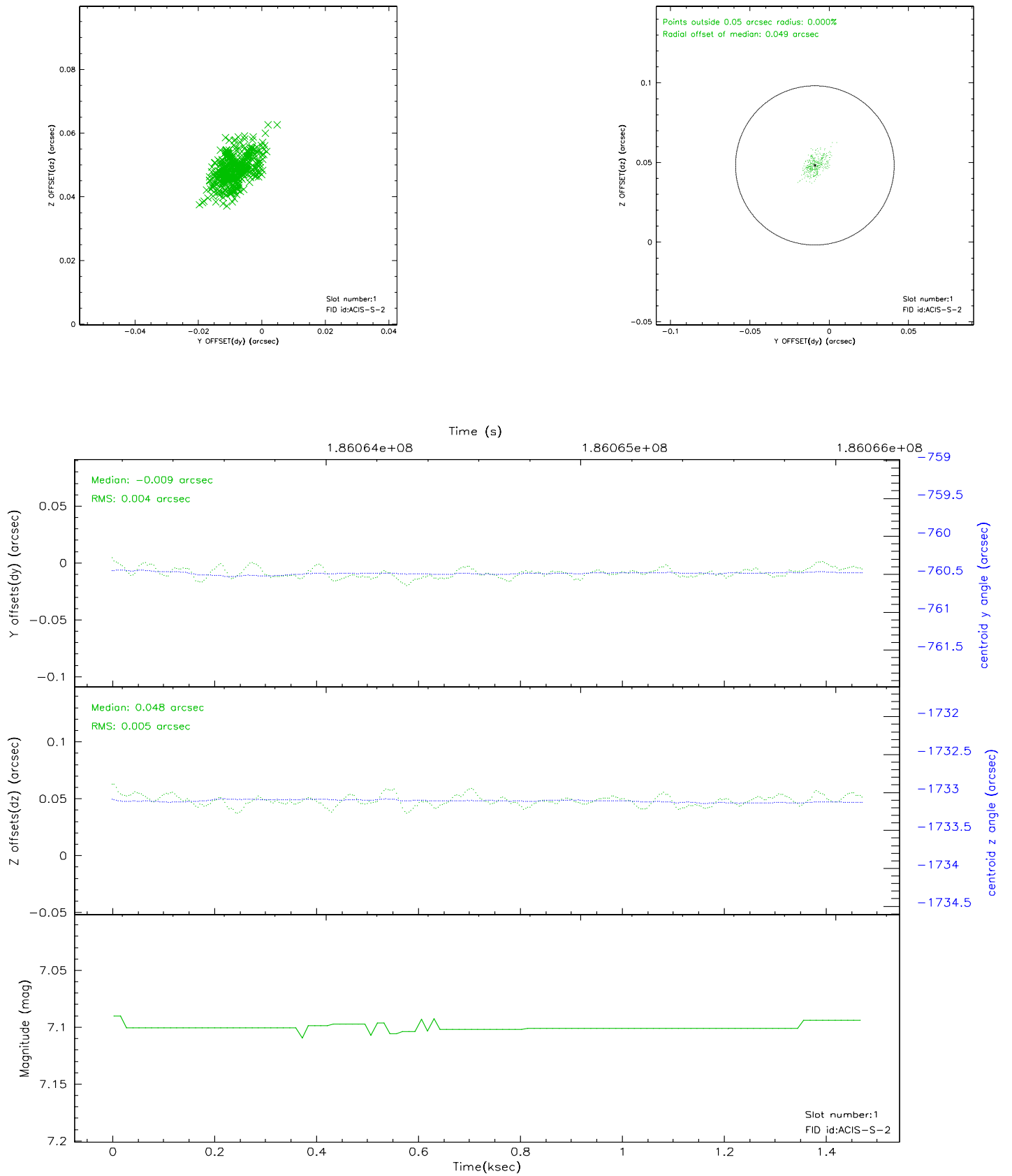


2.5 FID Slots

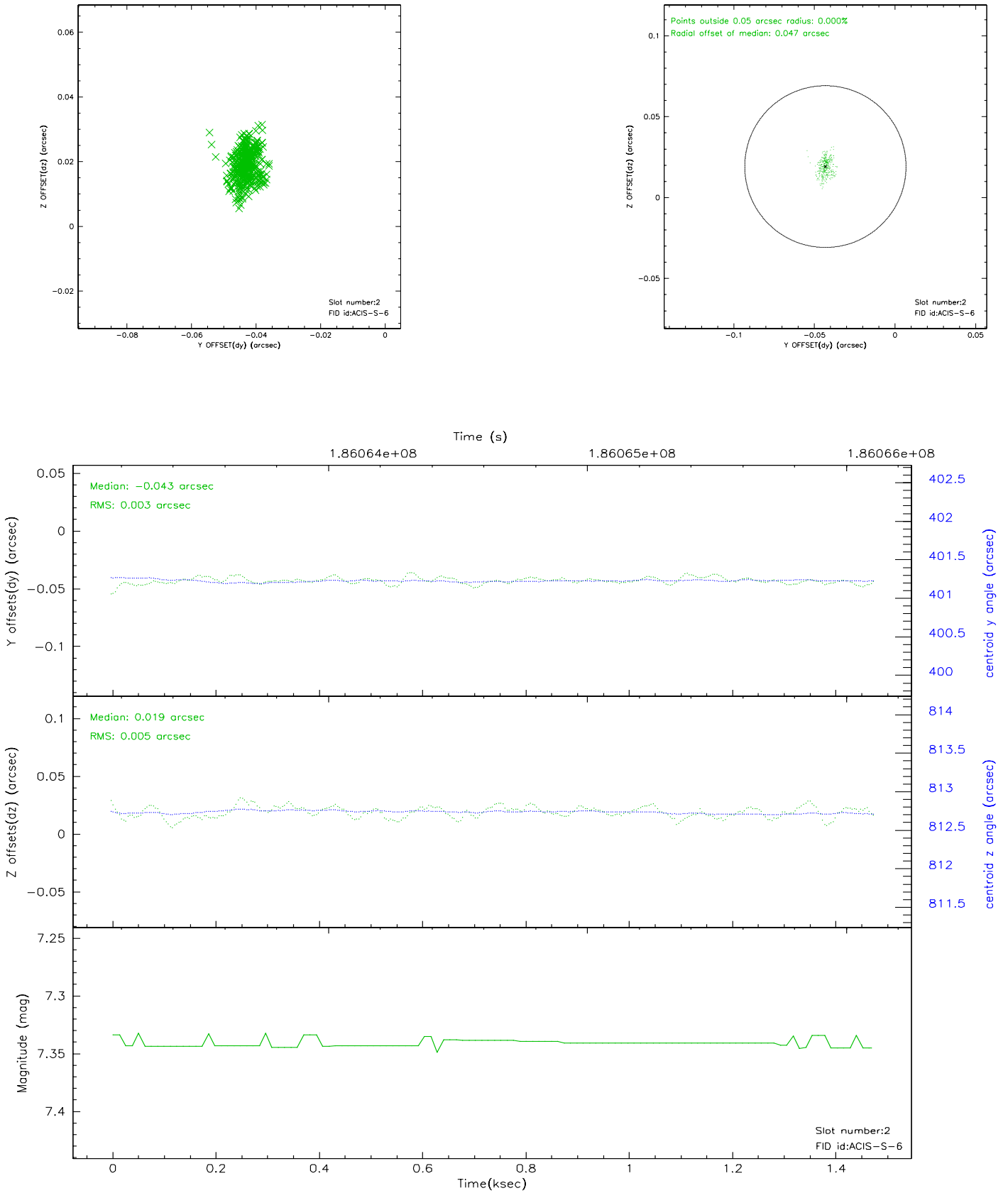
2.5.1 Slot 0



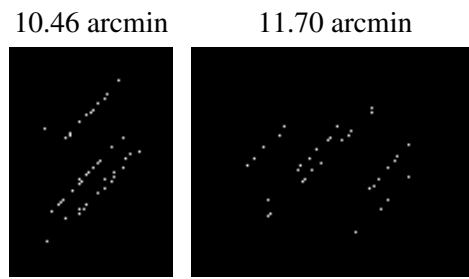
2.5.2 Slot 1



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	1.475

A.2 Comments