

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5276 - L2 Version 001
Chandra X-Ray Center

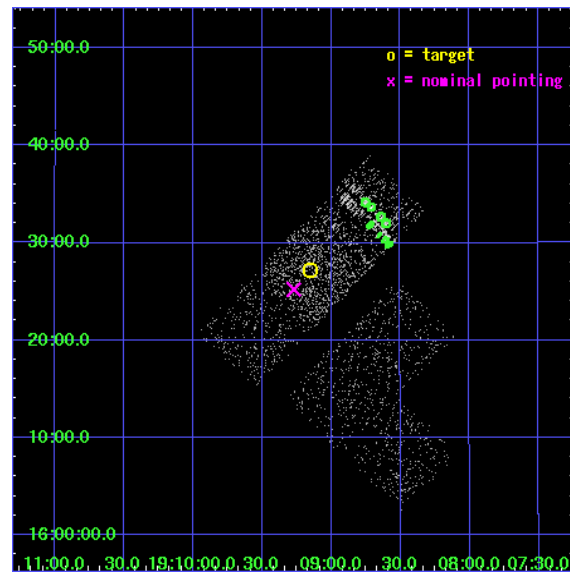
L2 Processing Date : Jun 26 2006

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1 Front

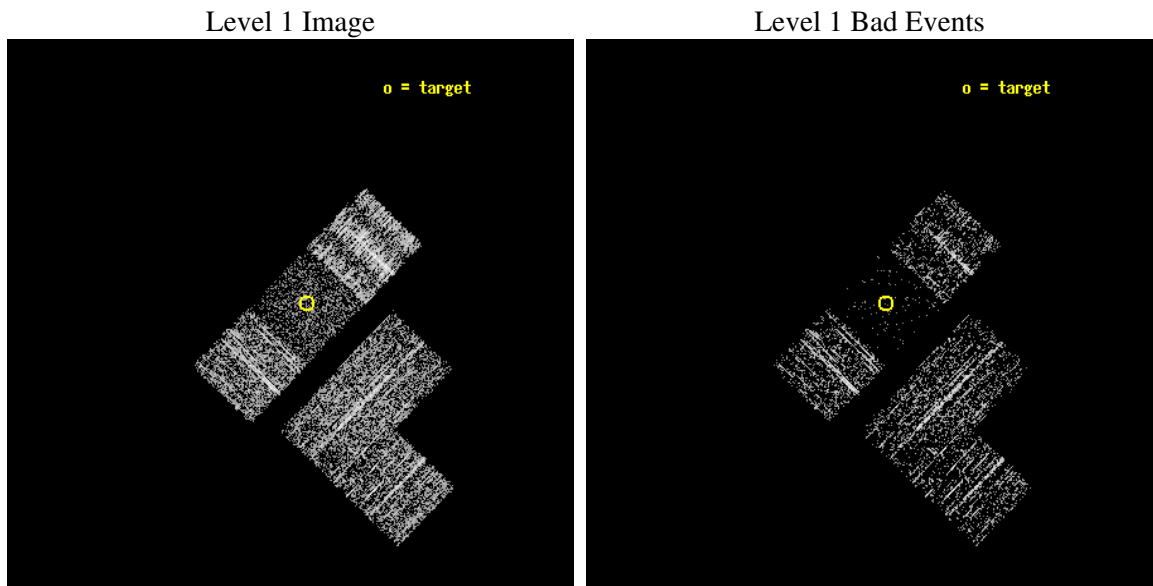
seq_num	100051
obs_id	5276
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.28761
dec_targ	16.45275
ra_nom	287.31758317553
dec_nom	16.420593877669
roll_nom	314.14817669588
revision	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	3835



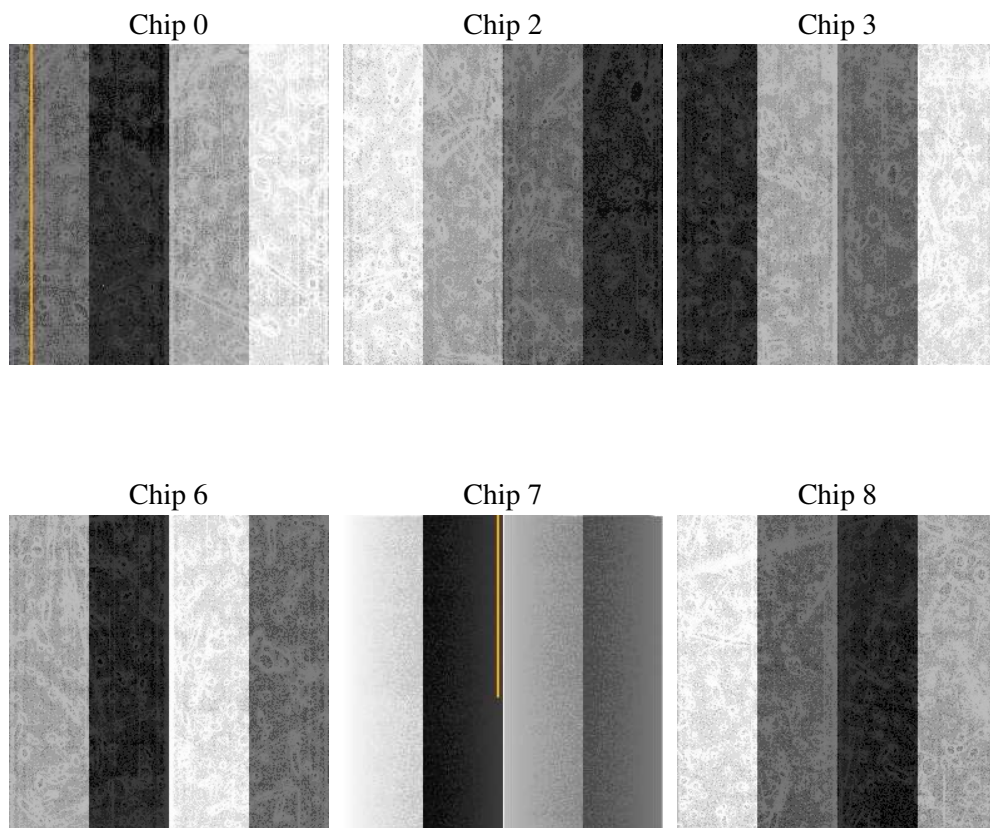
2 OBI

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	2006-06-26T20:13:16
revision	2

sched_exp_time	1290.000000
ontime	1798.7557678521
ontime0	1798.7557379305
ontime2	1798.7557977438
ontime3	1798.7557678223
ontime6	1798.7557678521
ontime7	1798.7557678521
ontime8	1798.7557678521
l1events	38353

2.1.4 Events

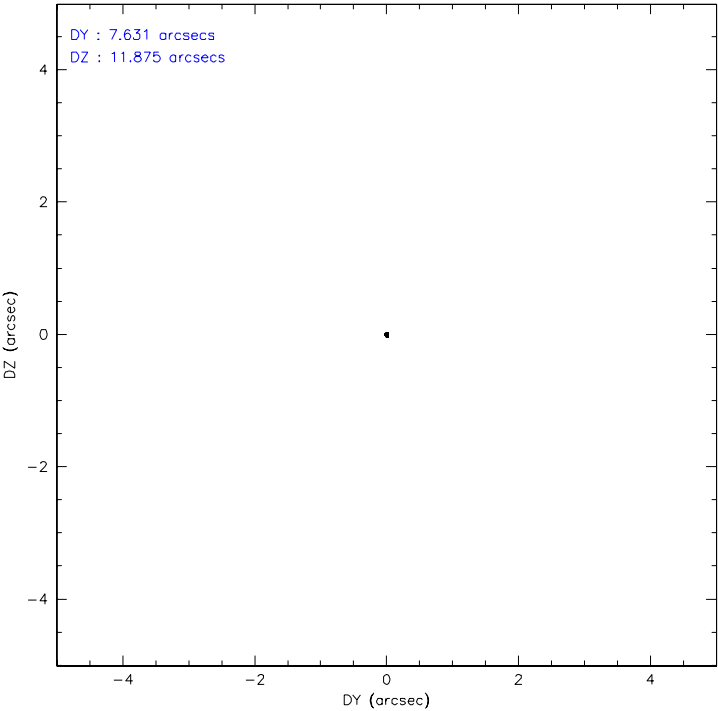
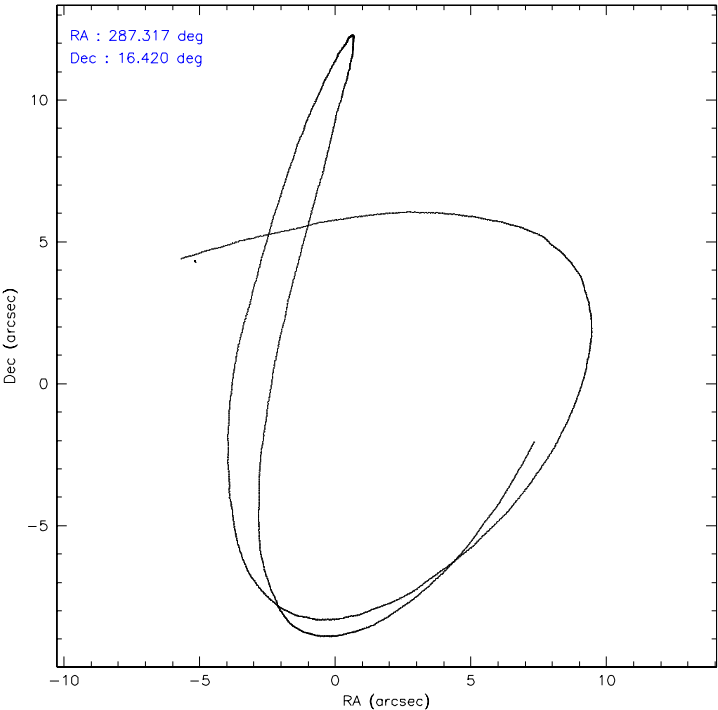
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	5939	6252	6093	7272	2190	10607
rejected events	5491	5724	5711	6762	995	6151
rejected %	92%	91%	93%	92%	45%	57%

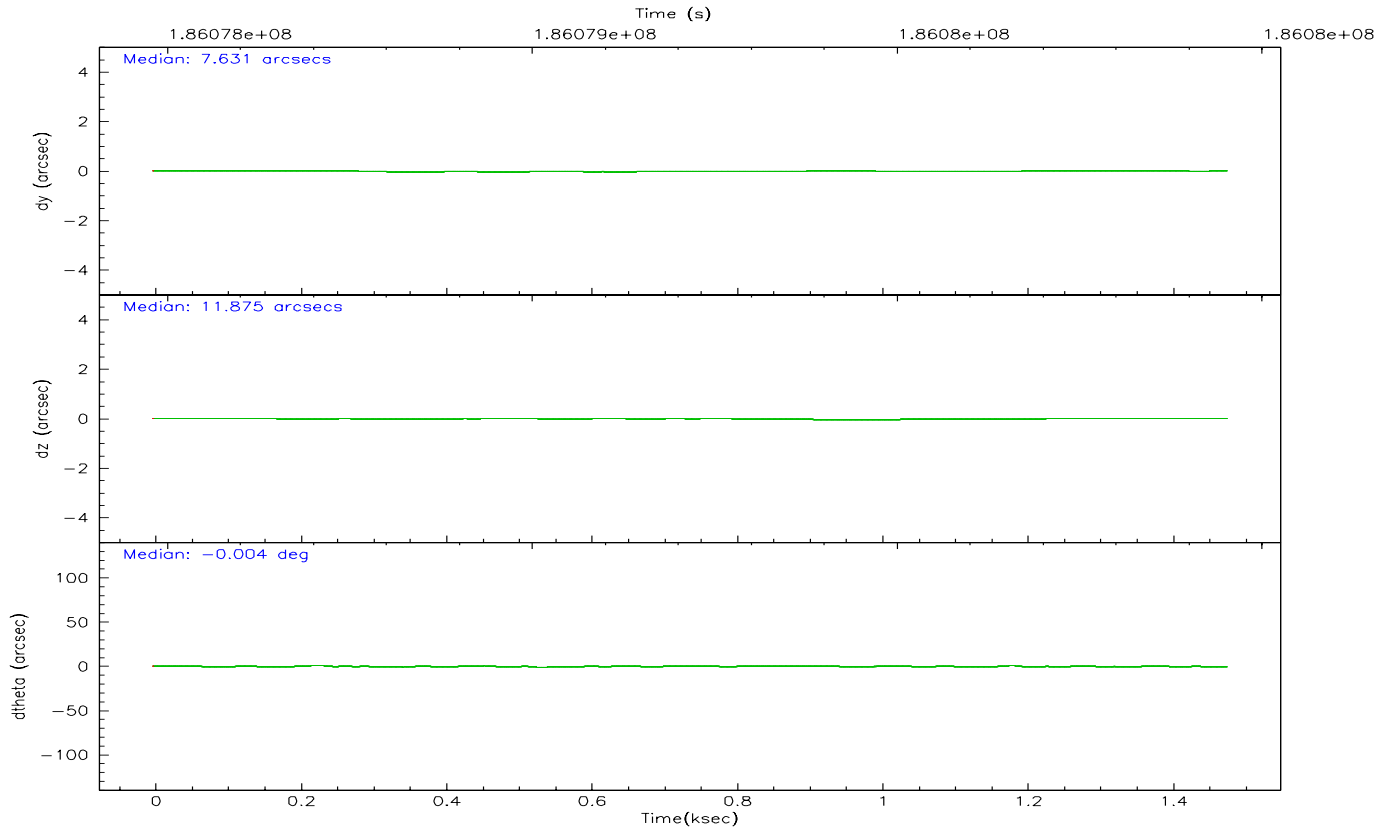
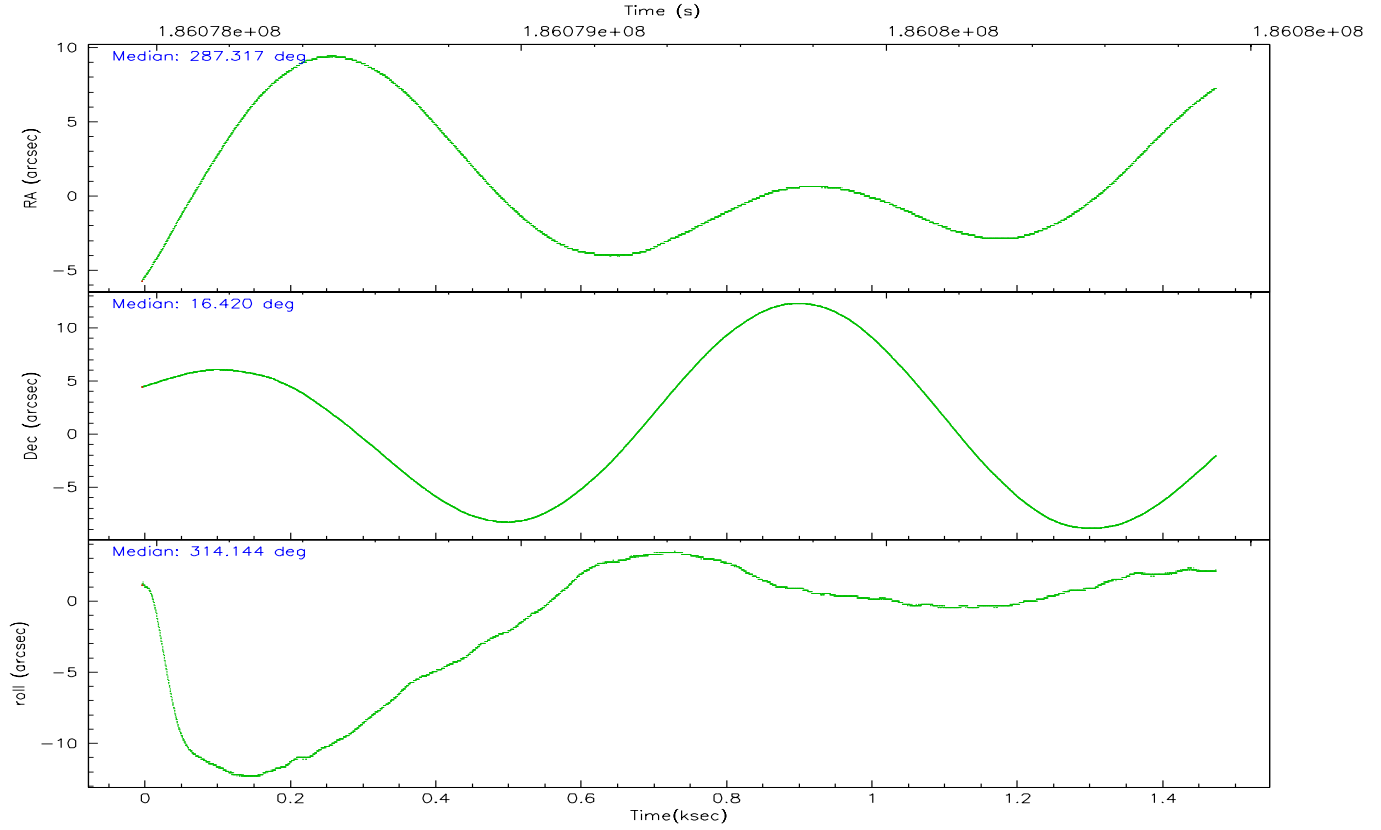
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	233	330	206	283	282	1612
	3%	5%	3%	3%	12%	15%
grade 1 events	3	0	2	3	2	13
	0%	0%	0%	0%	0%	0%
grade 2 events	142	166	93	165	435	708
	2%	2%	1%	2%	19%	6%
grade 3 events	40	45	53	55	150	997
	0%	0%	0%	0%	6%	9%
grade 4 events	57	72	45	64	141	852
	0%	1%	0%	0%	6%	8%
grade 5 events	42	39	56	53	134	170
	0%	0%	0%	0%	6%	1%
grade 6 events	52	68	60	56	469	1183
	0%	1%	0%	0%	21%	11%
grade 7 events	5370	5532	5578	6593	577	5072
	90%	88%	91%	90%	26%	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	287.289987	287.3175831755287	Alternating exposures requested	N	N
Pointing Dec	16.427836	16.42059387766938	Primary exposure time	0.000000	3.2
Pointing Roll	313.999322	314.1481766958816			
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	186078664.184000	186078287.65798			
Observation start date	2003-11-24T16:30:00	2003-11-24T16:24:47			
Observation end time	186079954.184000	186080087.55806			
Observation end date	2003-11-24T16:51:30	2003-11-24T16:54:47			
Read mode	TIMED	TIMED			

2.3 Aspect



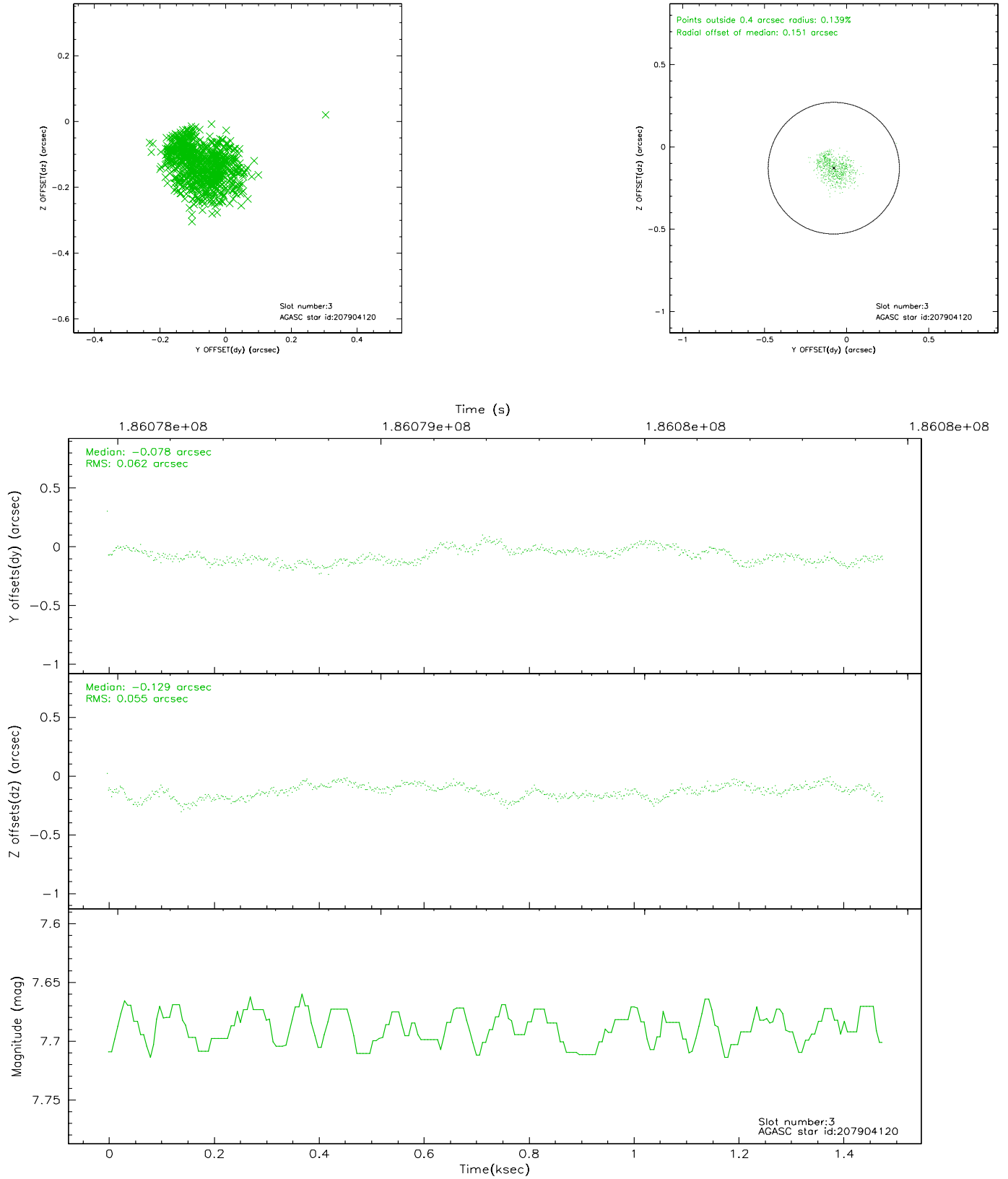


Slot Statistics

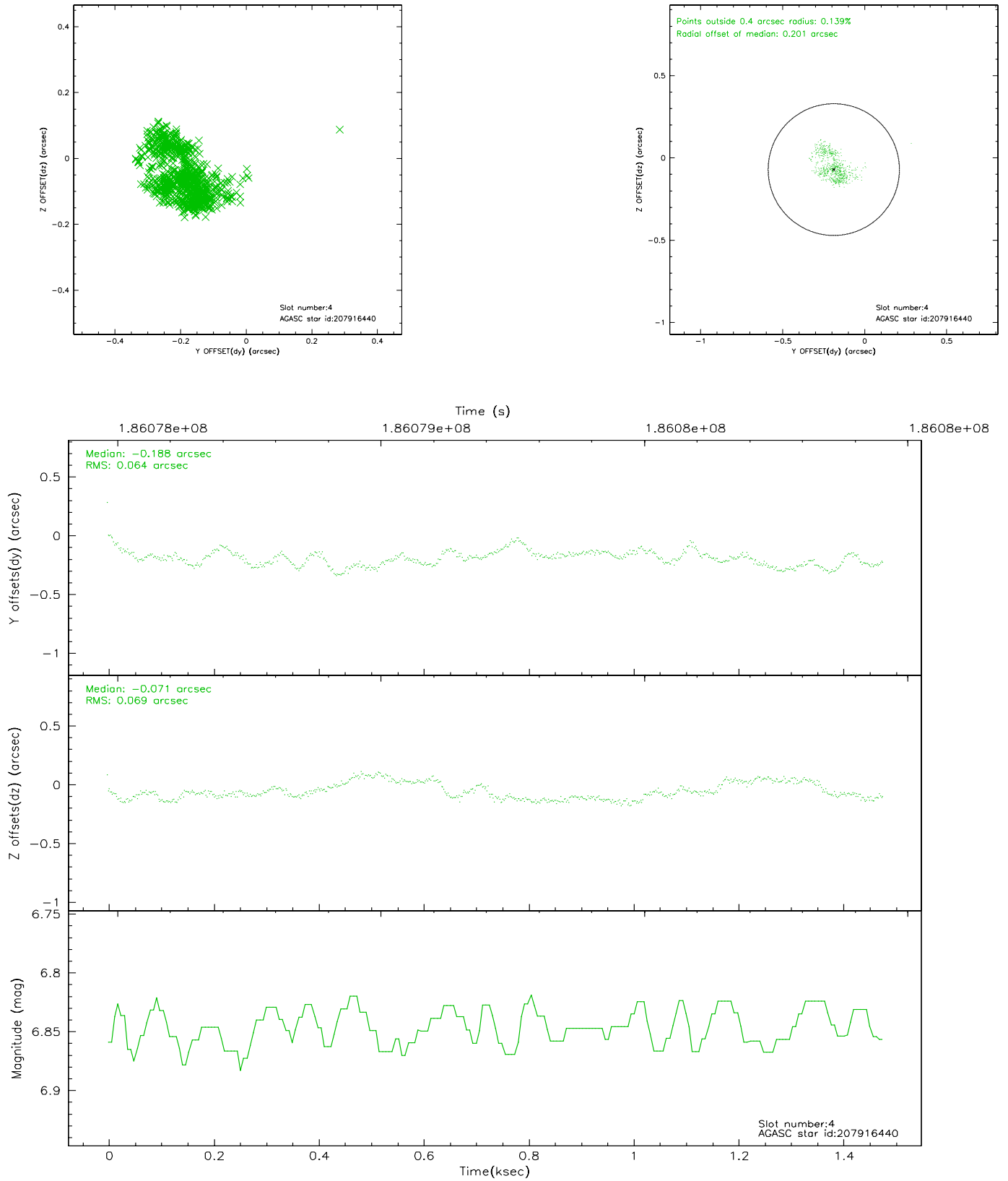
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	361	0.005	0.011	0.006	0.010	0.000000	0.000000	-760.39	-1733.16
1	FID	ACIS-S-4	7.20	361	-0.007	-0.006	0.005	0.009	0.000000	0.000000	2150.84	170.67
2	FID	ACIS-S-5	7.23	361	-0.029	0.003	0.006	0.010	0.000000	0.000000	-1807.51	169.44
3	GUIDE	207904120	7.69	722	-0.078	-0.129	0.090	0.130	286.904195	16.289988	-570.70	-1302.87
4	GUIDE	207916440	6.85	722	-0.188	-0.071	0.099	0.161	287.167522	16.851310	-1391.46	753.34
5	GUIDE	208416976	8.35	722	-0.071	0.041	0.064	0.109	287.326965	17.073967	-1587.78	1708.19
6	GUIDE	208421840	9.22	722	0.085	-0.005	0.119	0.184	287.570311	16.918850	-604.42	1925.33
7	GUIDE	209596088	9.36	721	0.255	0.153	0.093	0.148	288.150718	16.305149	2377.58	1840.13

2.4 Star Slots

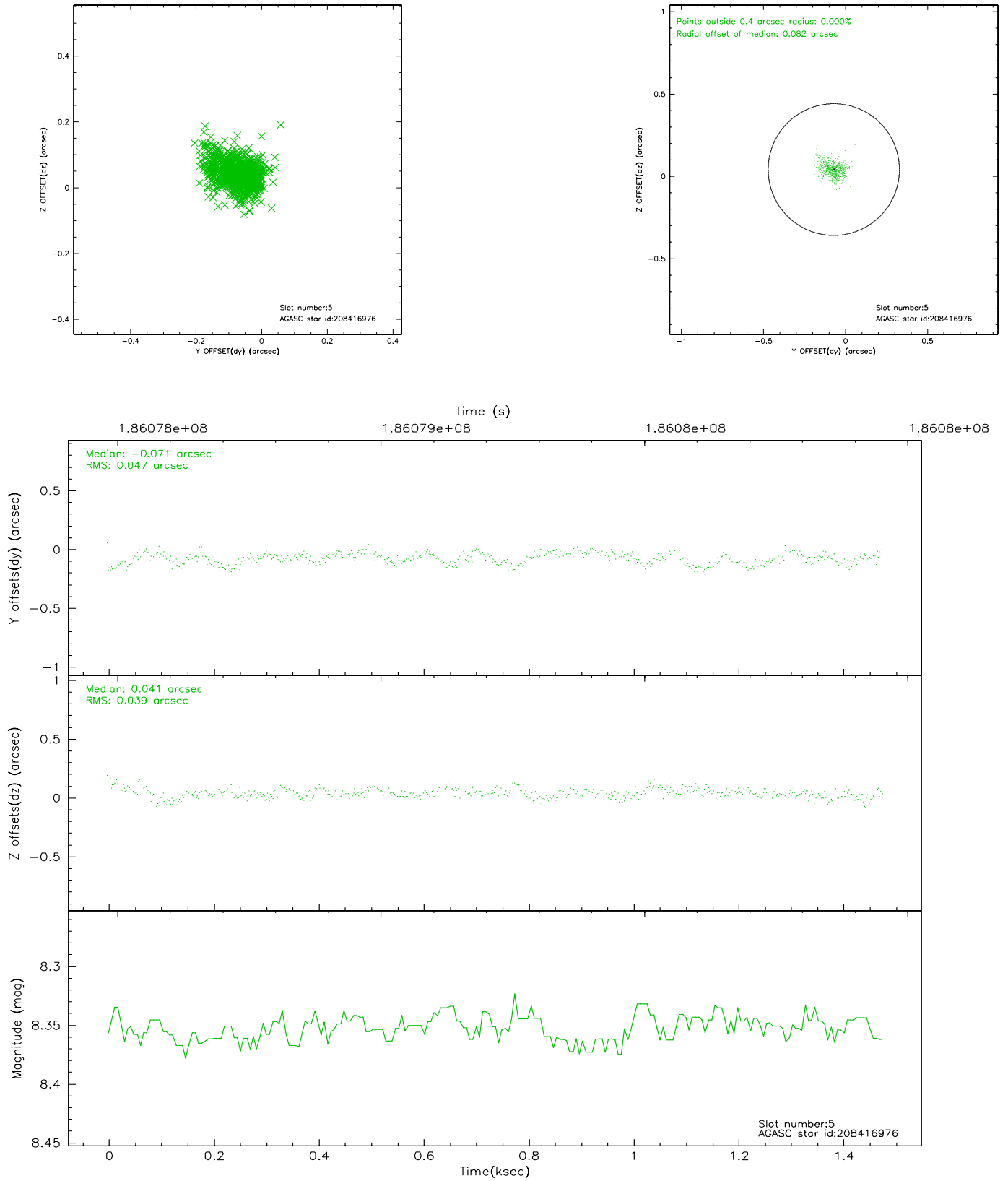
2.4.1 Slot 3



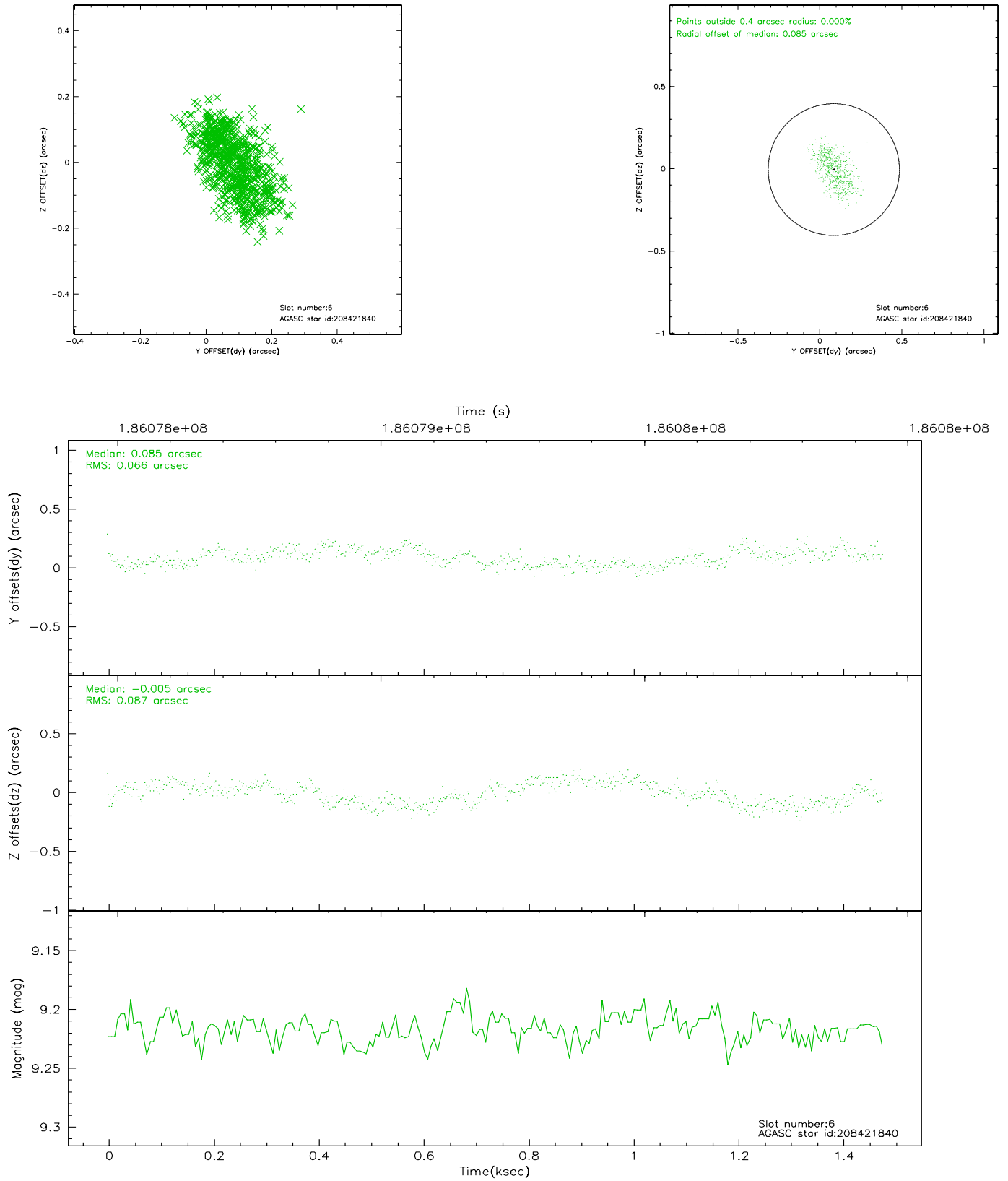
2.4.2 Slot 4



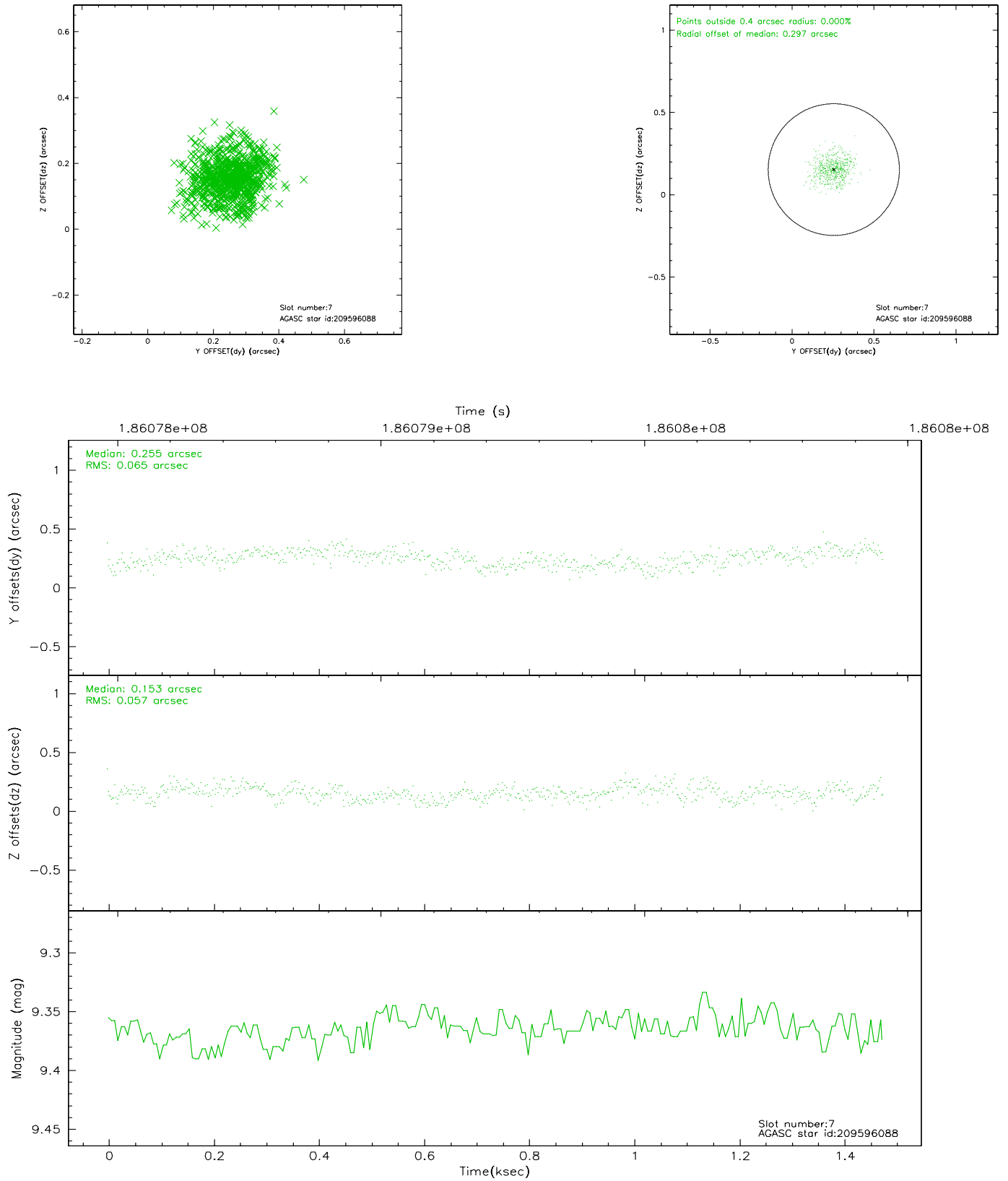
2.4.3 Slot 5



2.4.4 Slot 6

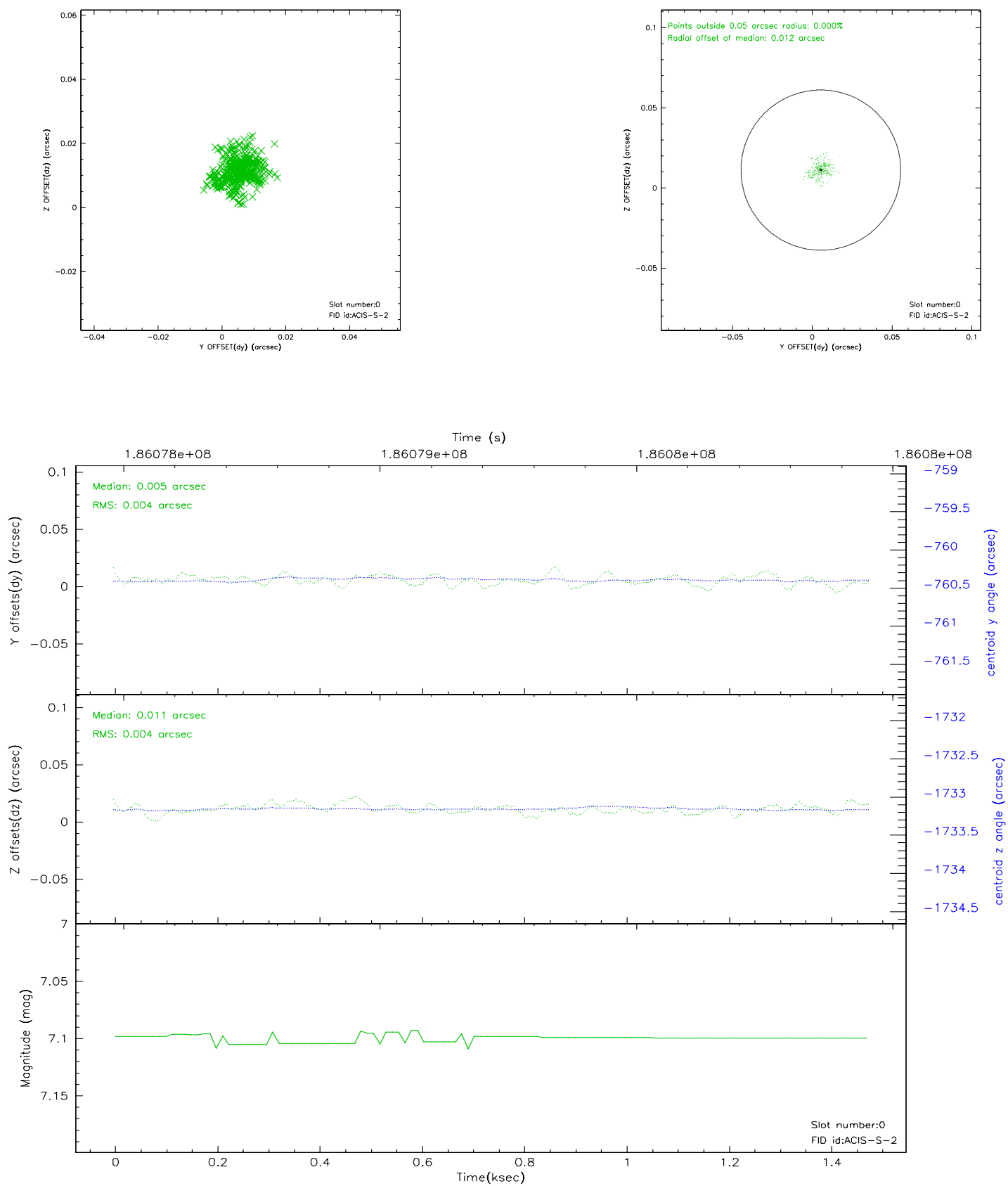


2.4.5 Slot 7

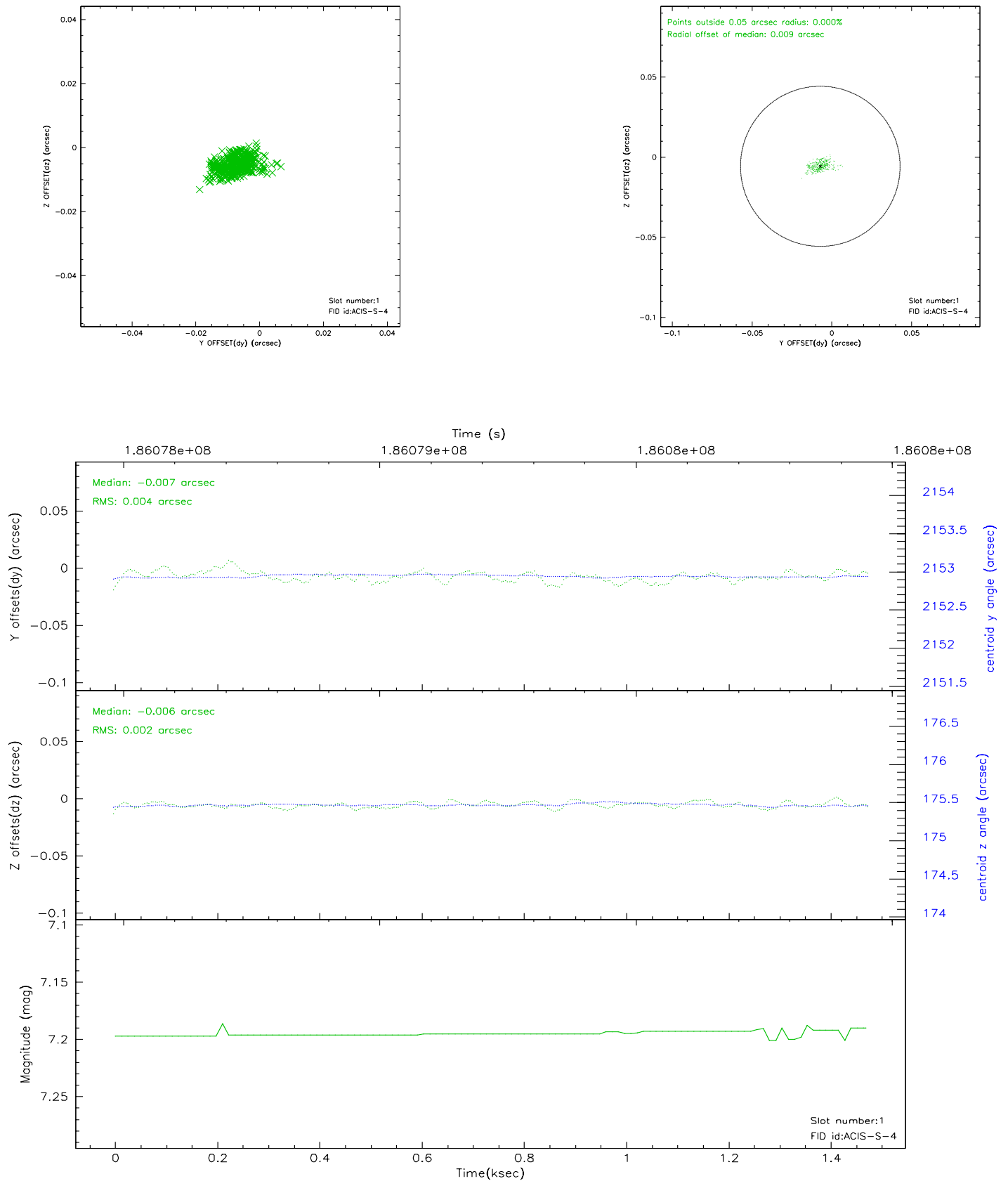


2.5 FID Slots

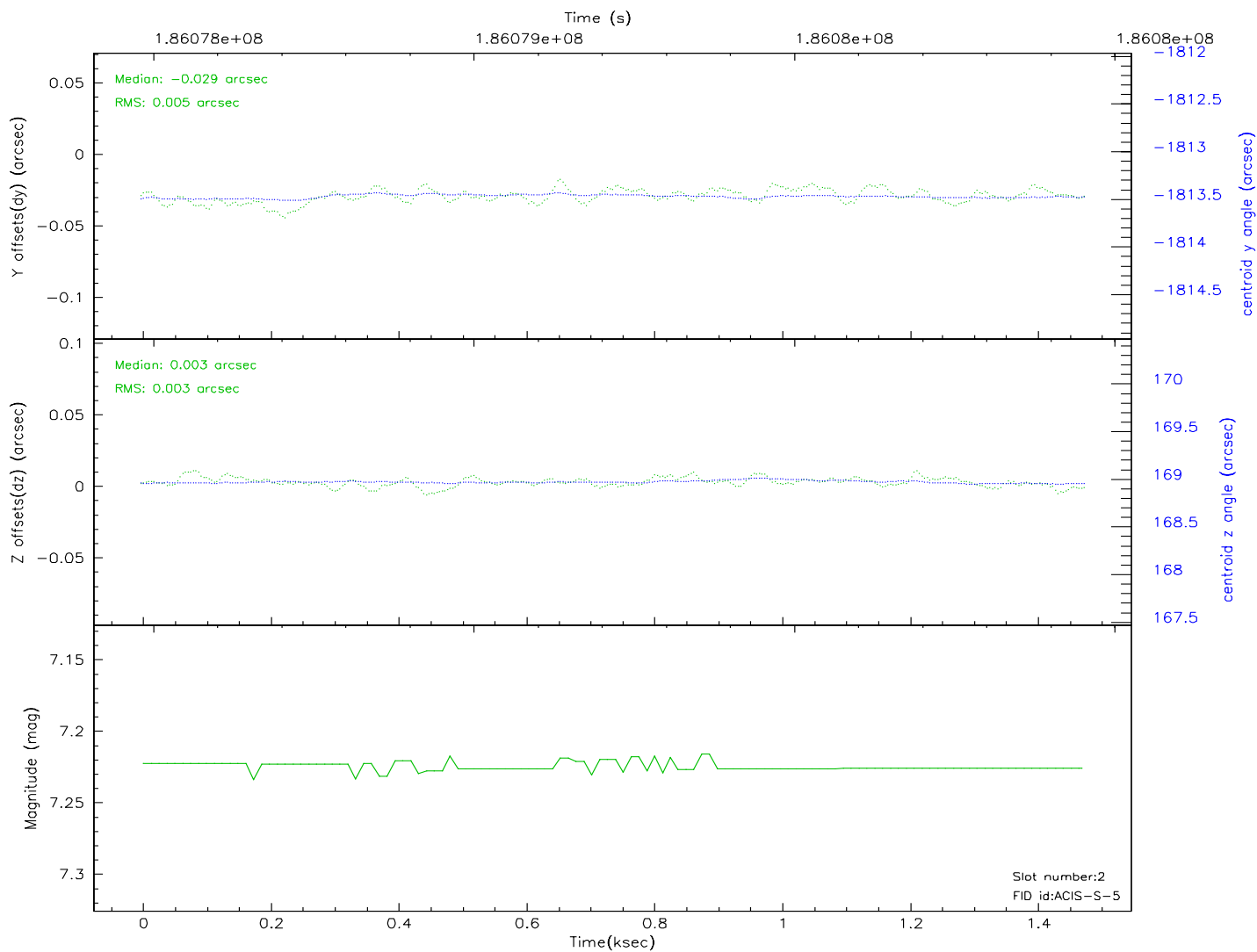
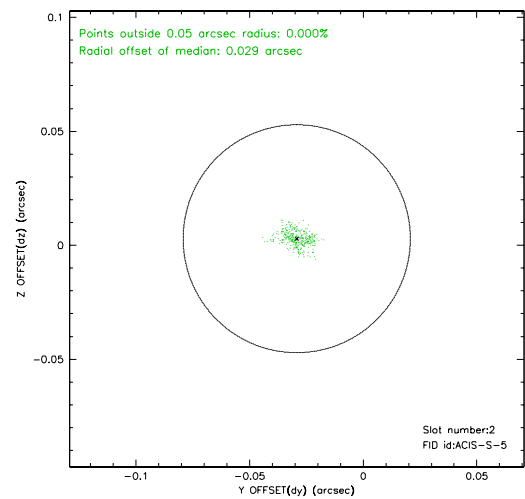
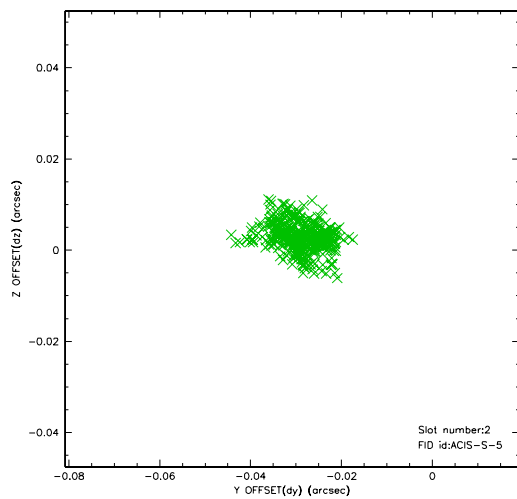
2.5.1 Slot 0



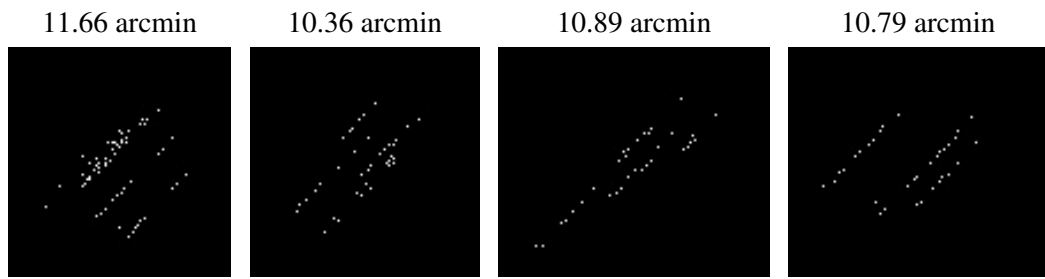
2.5.2 Slot 1



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	1.475

A.2 Comments