

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3985 - L2 Version 001
Chandra X-Ray Center

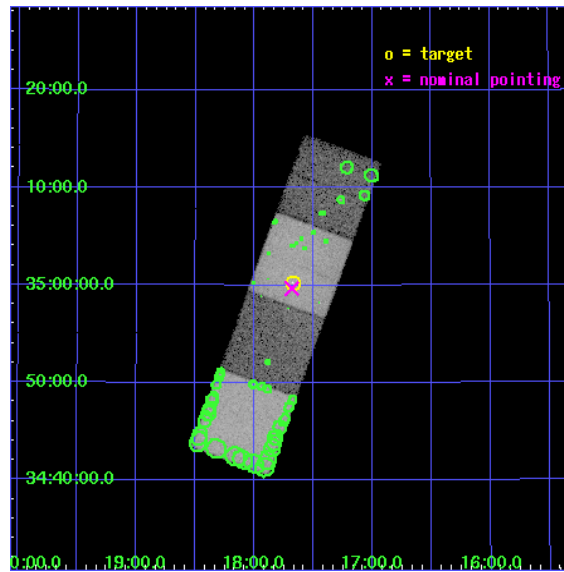
L2 Processing Date : Jul 3 2006

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1 Front

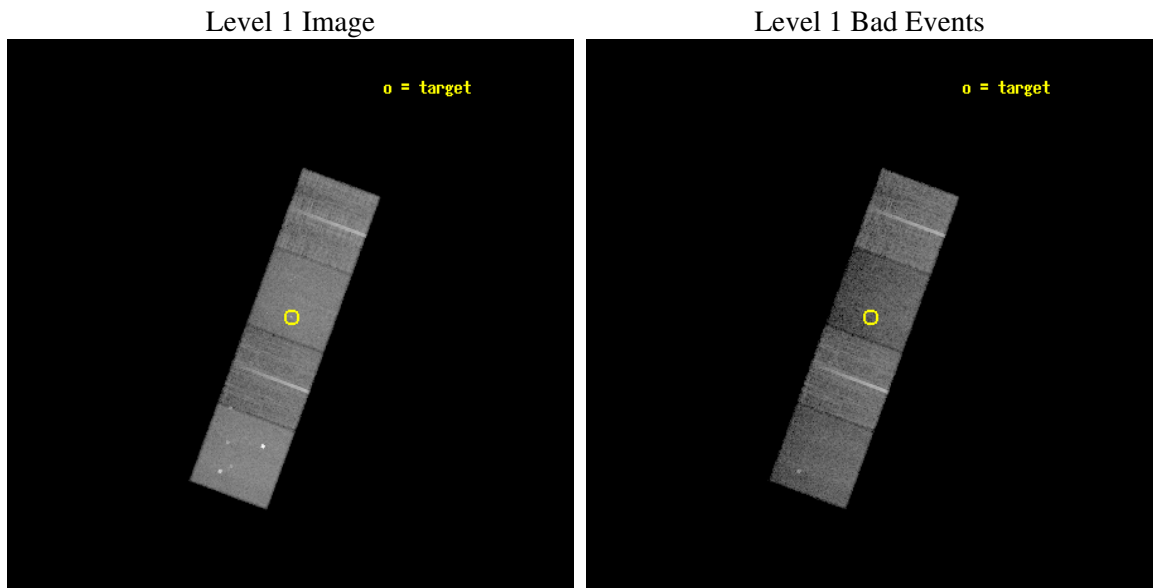
seq_num	700664
obs_id	3985
title	THE X-RAY JETS, CORES, AND GAS IN FRI RADIO GALAXIES
observer	Prof Diana Worrall
object	B2 1615+35
dtcycle	0
cycle	P
ra_targ	244.41875
dec_targ	35.004083
ra_nom	244.42080255812
dec_nom	34.994607072682
roll_nom	290.17643017986
revision	2
ontime	19650.859001964
livetime	19394.106062352
ontime5	19650.859001964
ontime6	19646.830698967
ontime7	19650.859001964
ontime8	19649.930629253
l2events	189865



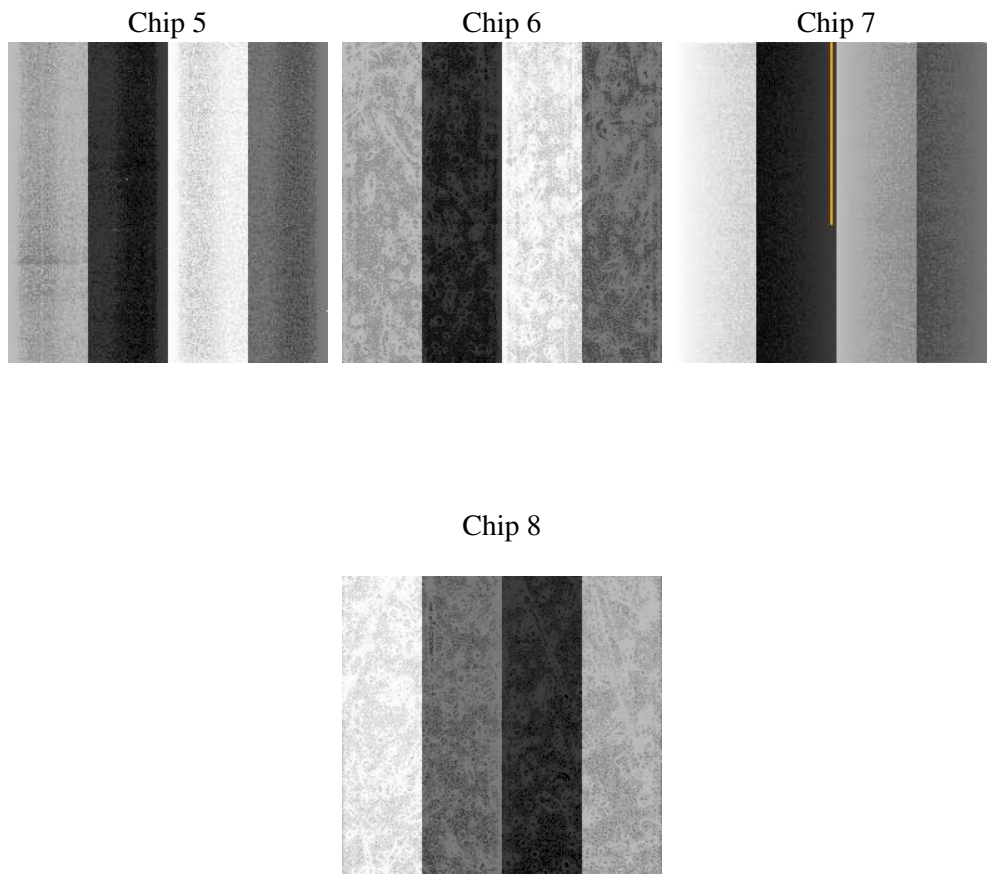
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-03T17:12:22
revision	2

sched_exp_time	19499.751000
ontime	20297.152111232
ontime5	20297.152111232
ontime6	19939.078483999
ontime7	20297.152111232
ontime8	19942.219633847
l1events	563165

2.1.4 Events

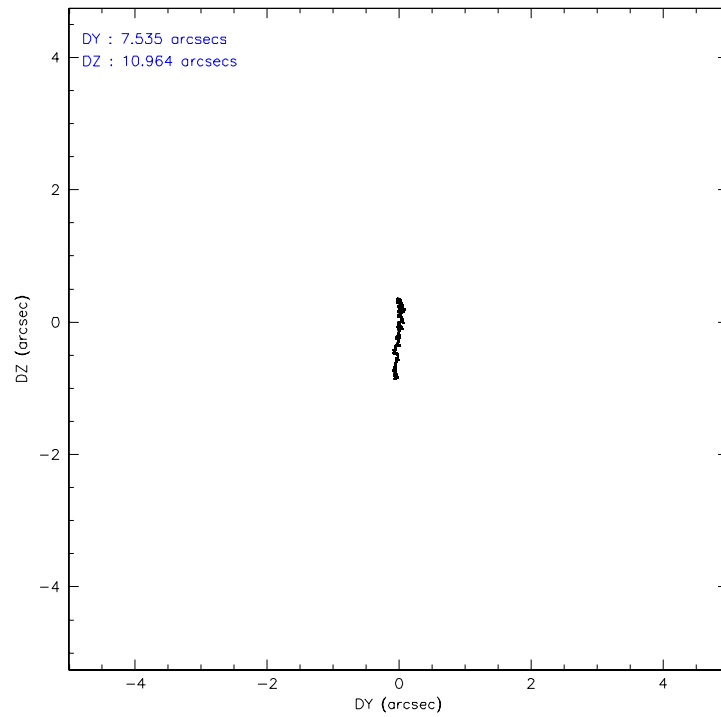
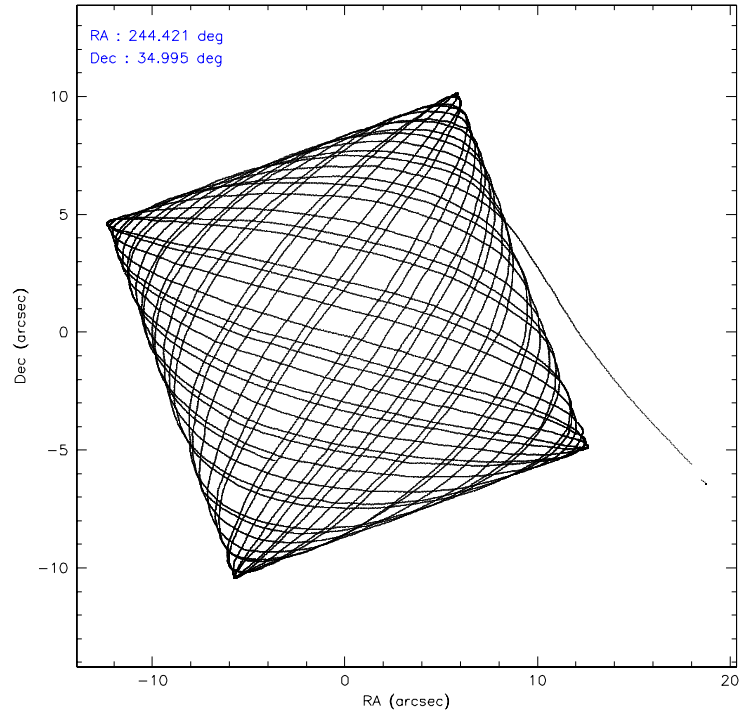
	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	167315	118857	137689	139304
rejected events	72440	100597	62447	104706
rejected %	43%	84%	45%	75%

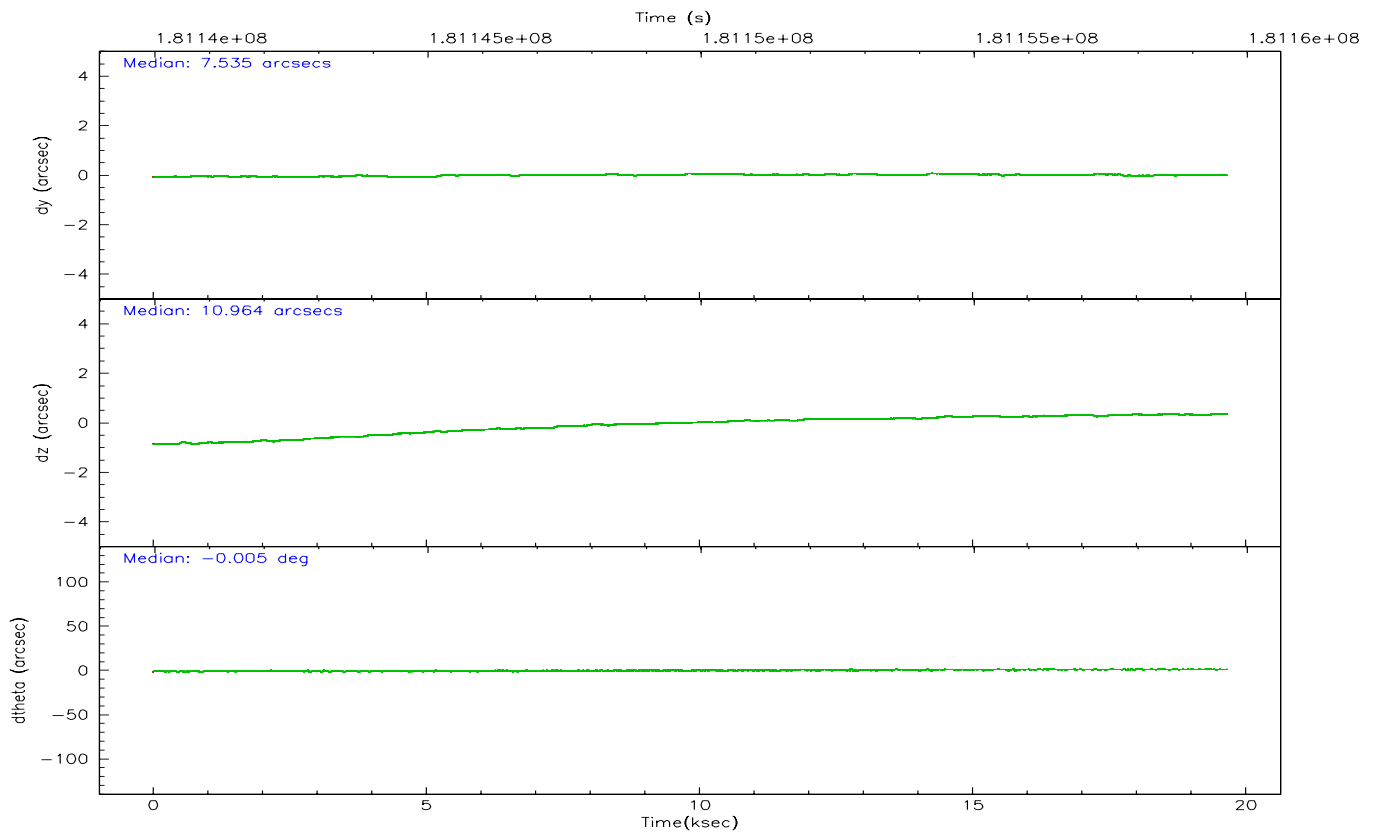
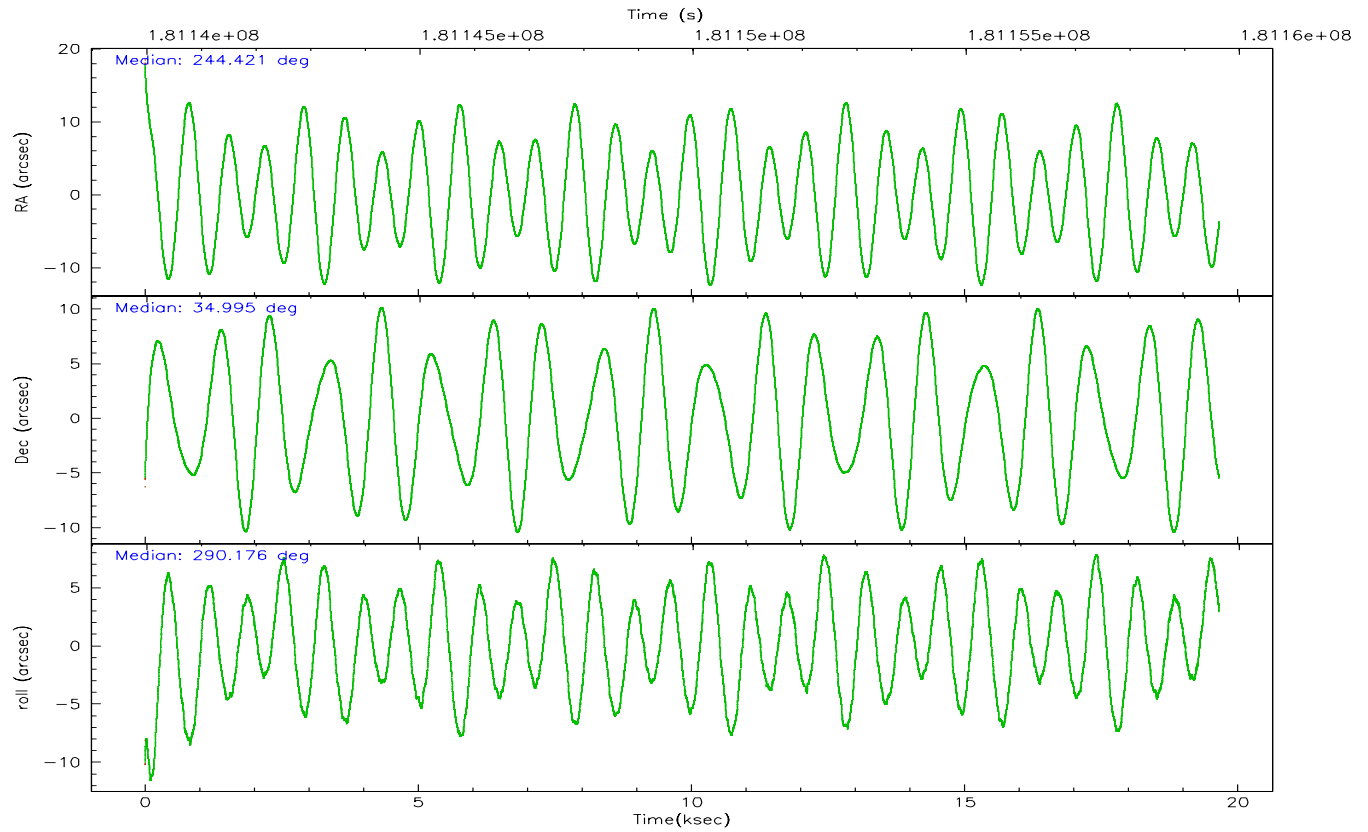
	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	15425	13564	8816	16173
	9%	11%	6%	11%
grade 1 events	401	104	71	120
	0%	0%	0%	0%
grade 2 events	32108	4047	20355	8146
	19%	3%	14%	5%
grade 3 events	3232	1737	5587	3991
	1%	1%	4%	2%
grade 4 events	3159	1721	5531	3623
	1%	1%	4%	2%
grade 5 events	7469	3511	8204	5099
	4%	2%	5%	3%
grade 6 events	48043	3215	41847	8927
	28%	2%	30%	6%
grade 7 events	57478	90958	47278	93225
	34%	76%	34%	66%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-5678	ACIS-5678	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	244.394992	244.4208025581243	Alternating exposures requested	N	N
Pointing Dec	35.011713	34.99460707268224	Primary exposure time	0.000000	3.1
Pointing Roll	290.034614	290.1764301798624			
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	181140128.184000	181138885.73241			
Observation start date	2003-09-28T12:41:04	2003-09-28T12:21:25			
Observation end time	181159627.184000	181159941.79582			
Observation end date	2003-09-28T18:06:03	2003-09-28T18:12:21			
Read mode	TIMED	TIMED			

2.3 Aspect



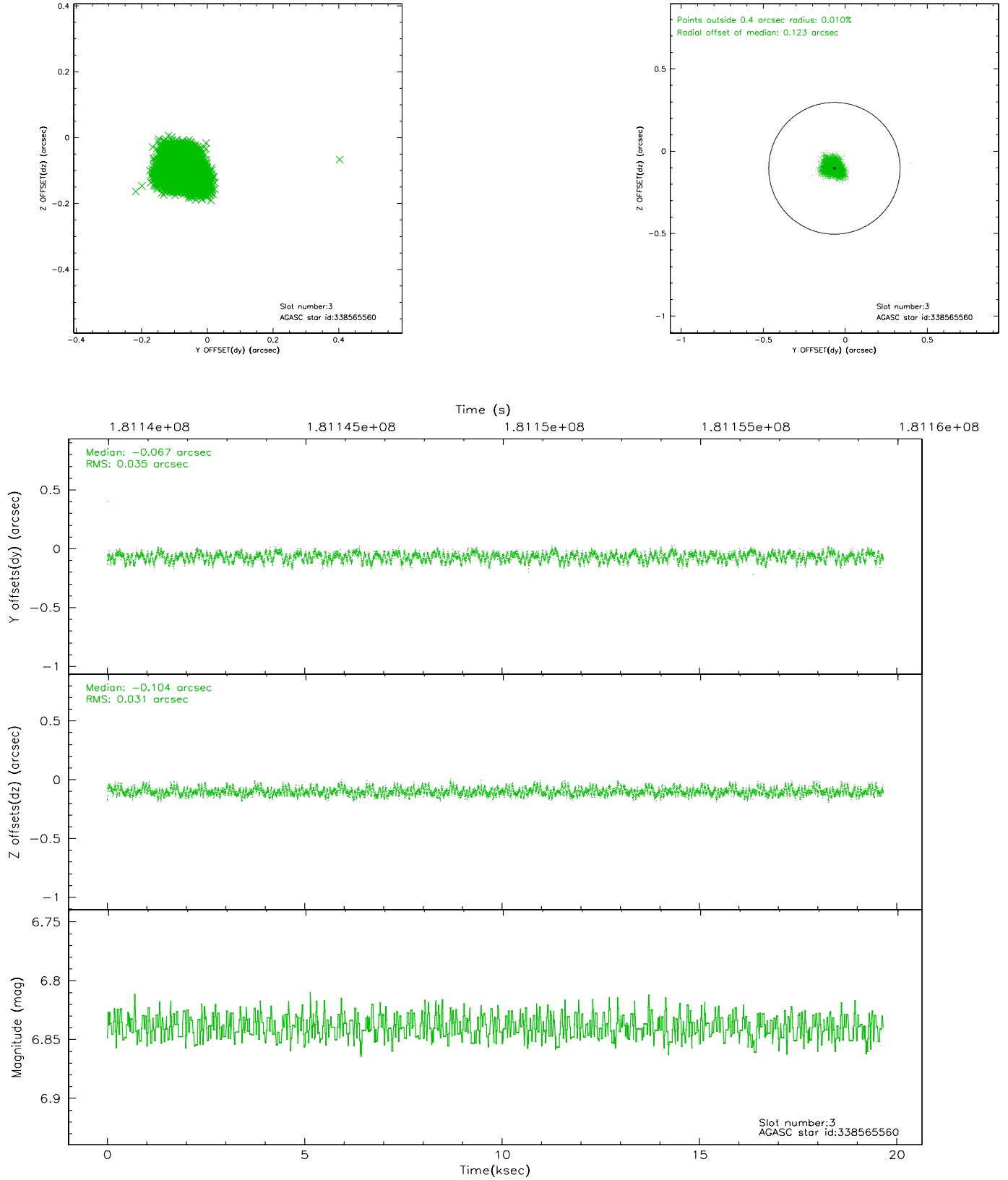


Slot Statistics

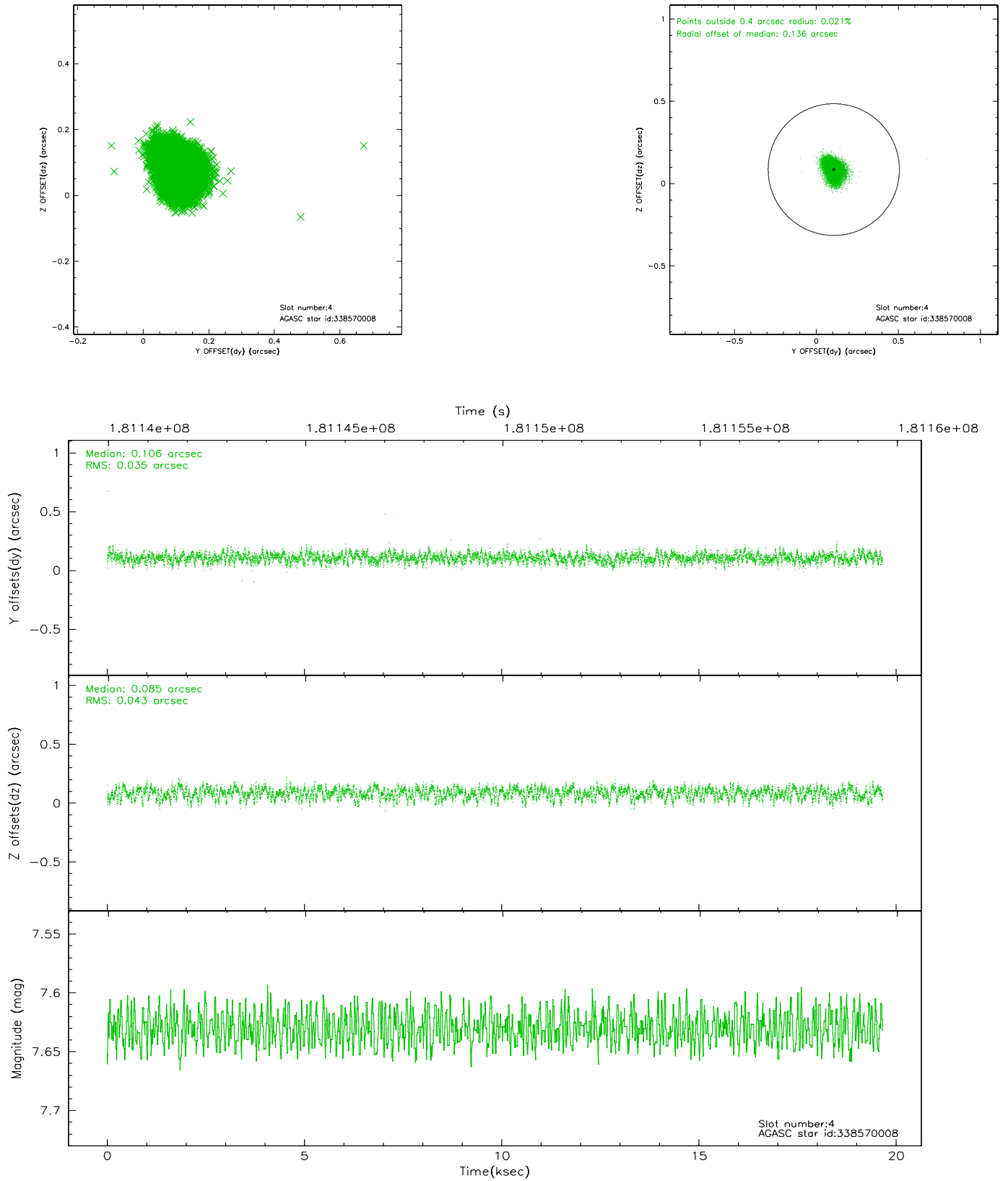
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	4793	-0.022	0.020	0.011	0.016	0.000000	0.000000	-760.29	-1732.12
1	FID	ACIS-S-4	7.20	4792	0.016	0.005	0.010	0.016	0.000000	0.000000	2152.91	176.19
2	FID	ACIS-S-5	7.23	4793	-0.026	-0.016	0.006	0.011	0.000000	0.000000	-1812.92	170.00
3	GUIDE	338565560	6.84	9588	-0.067	-0.104	0.050	0.079	245.145714	34.627796	2052.86	1618.88
4	GUIDE	338570008	7.63	9589	0.106	0.085	0.059	0.093	244.524487	34.482759	1921.32	-291.02
5	GUIDE	338954984	8.74	9584	-0.102	-0.007	0.062	0.101	243.868741	35.485553	-2134.36	-863.50
6	GUIDE	338966736	7.86	9589	-0.083	0.069	0.057	0.096	244.463523	35.699581	-2257.83	1036.85
7	GUIDE	338576768	8.44	9587	0.143	-0.041	0.071	0.111	244.364081	34.281242	2439.40	-986.97

2.4 Star Slots

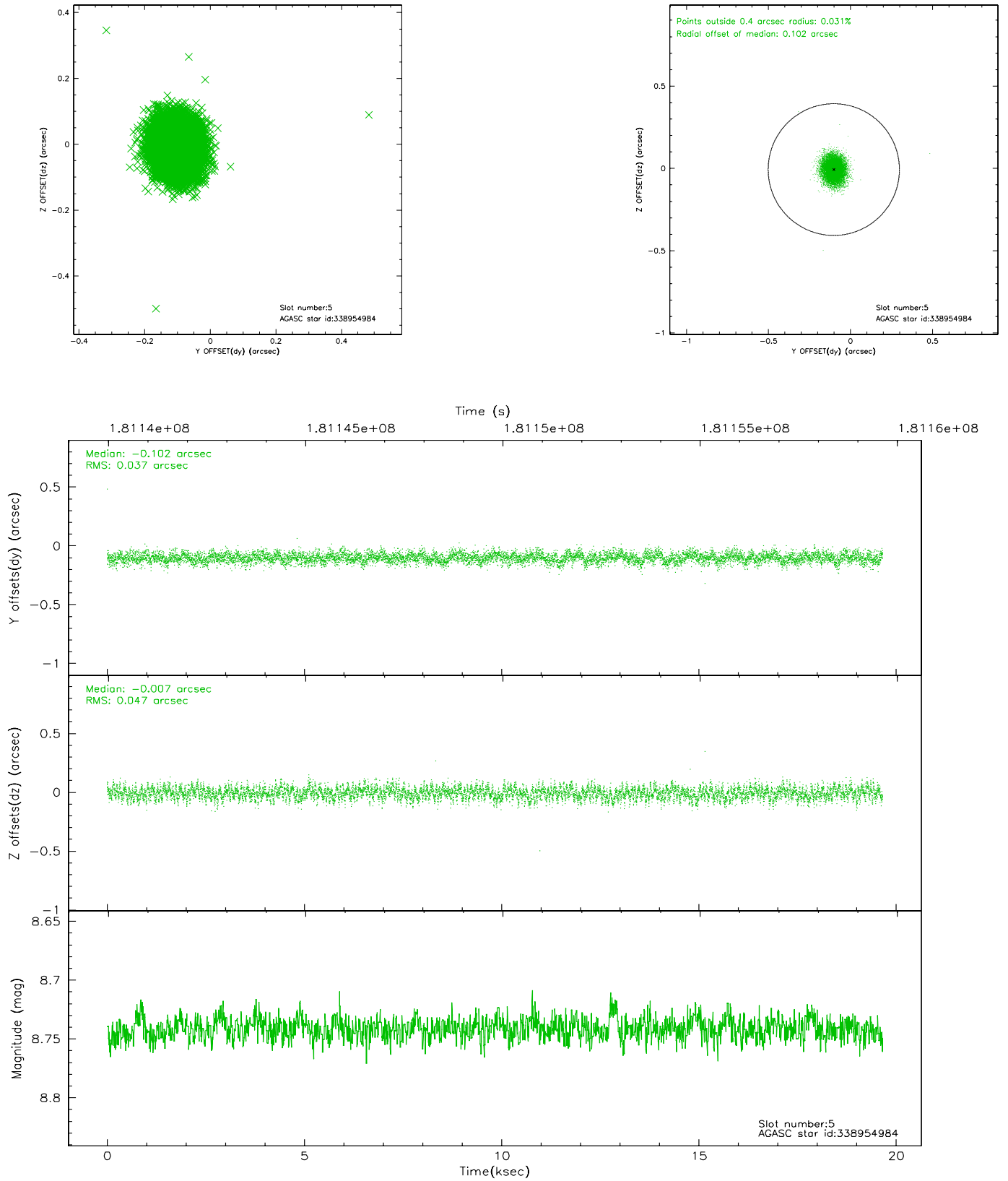
2.4.1 Slot 3



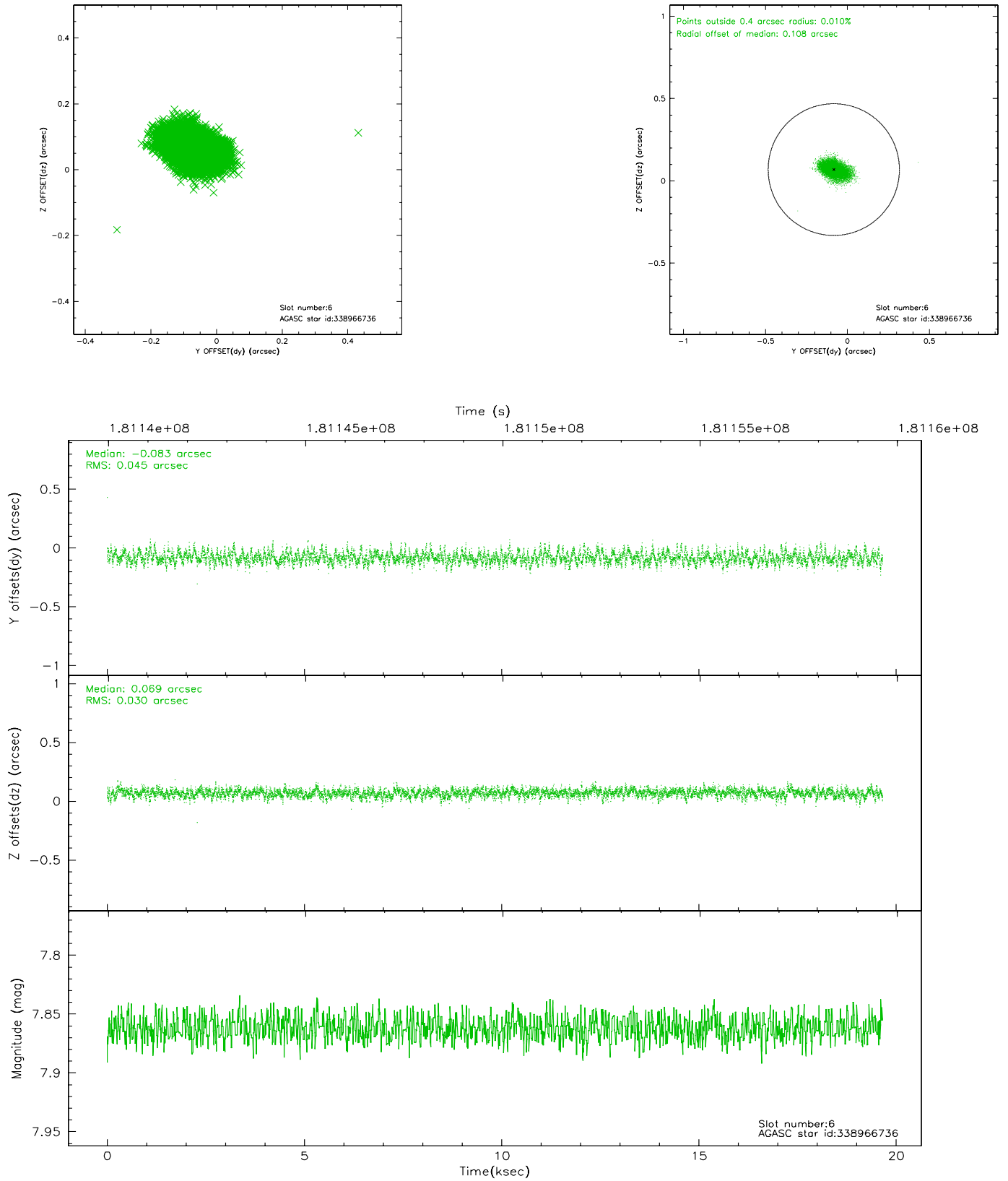
2.4.2 Slot 4



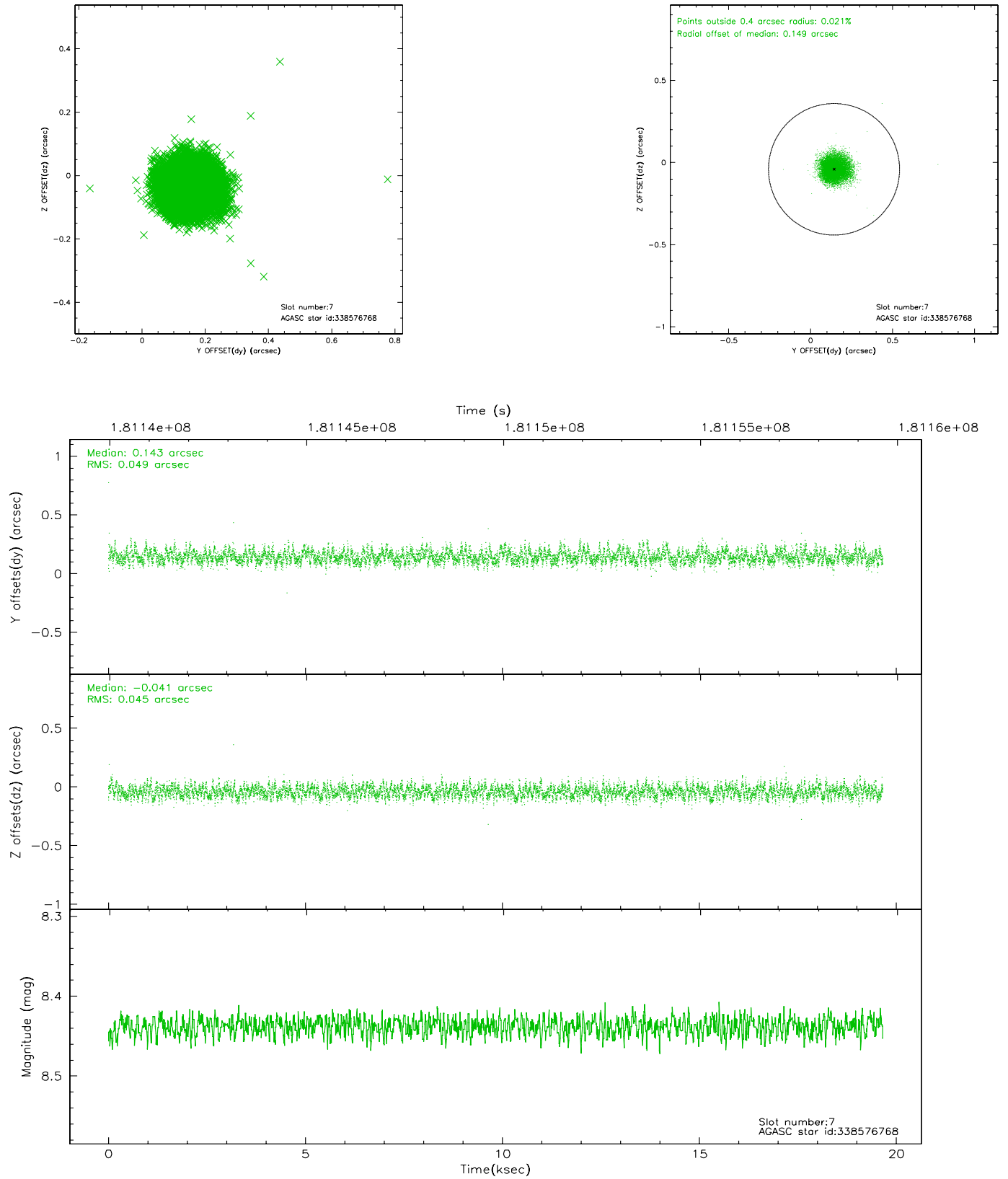
2.4.3 Slot 5



2.4.4 Slot 6

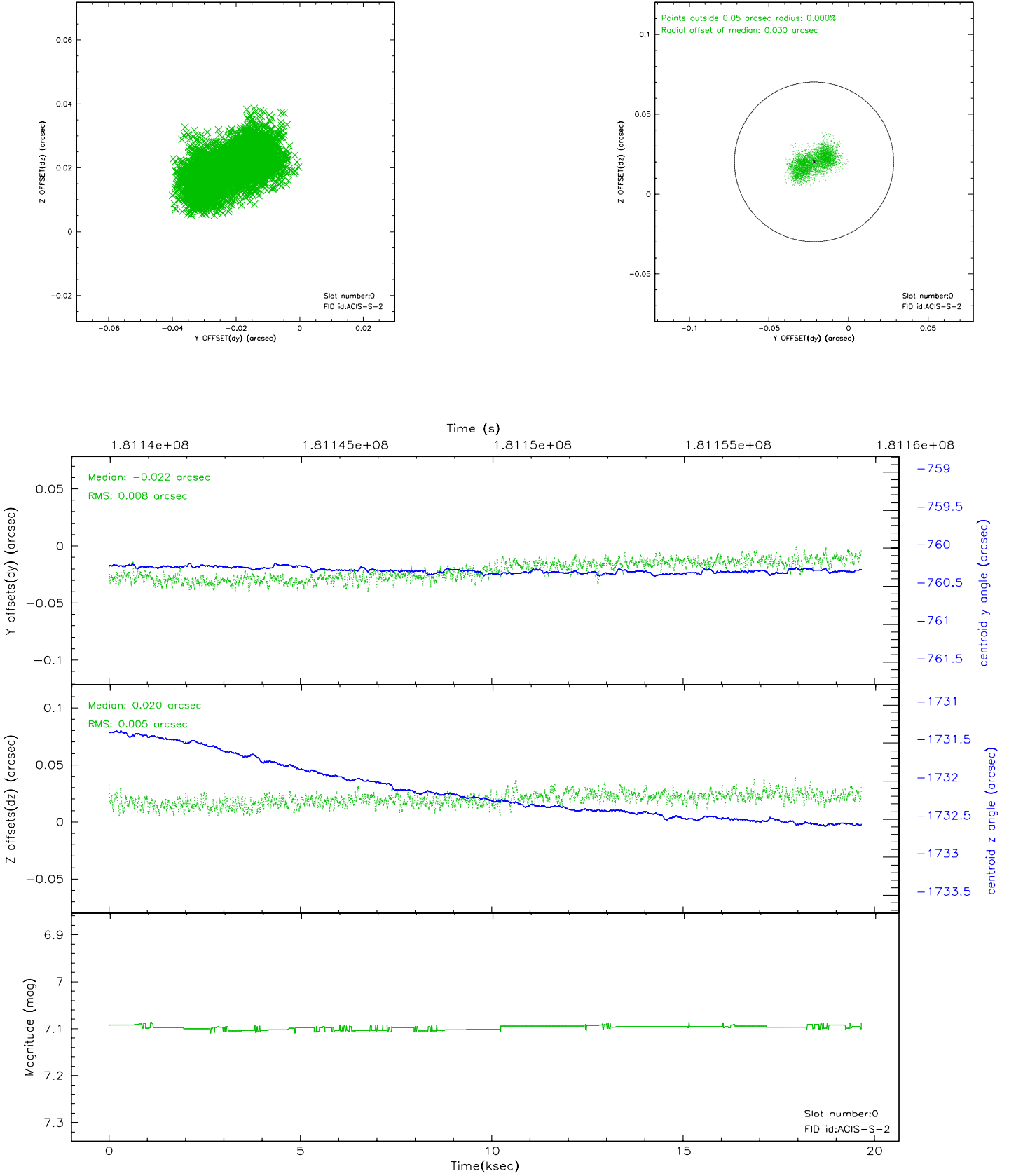


2.4.5 Slot 7

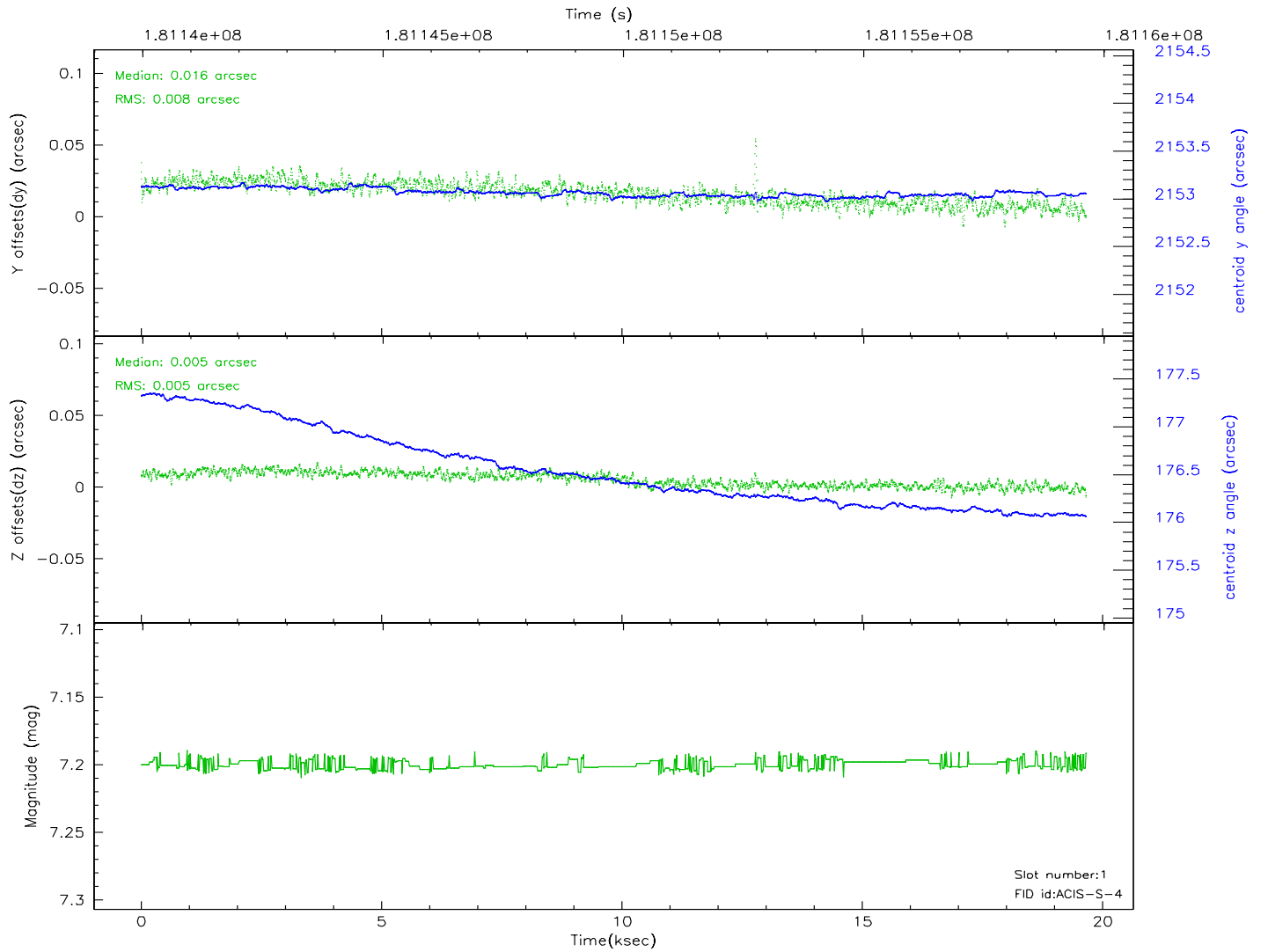
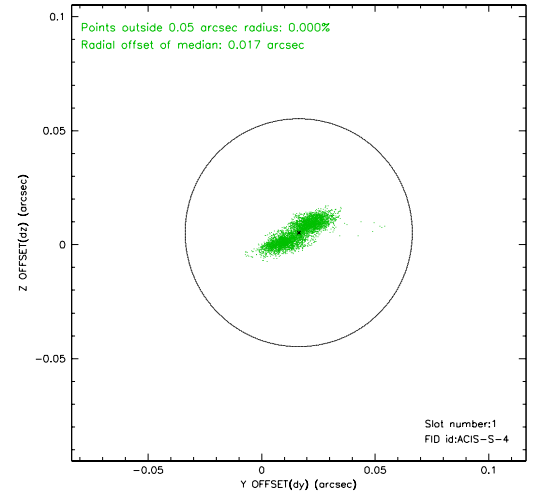
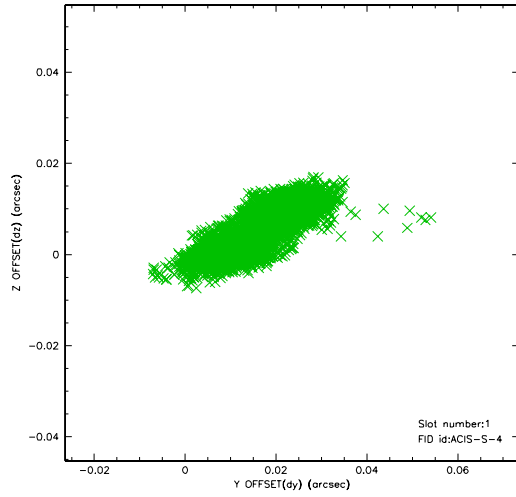


2.5 FID Slots

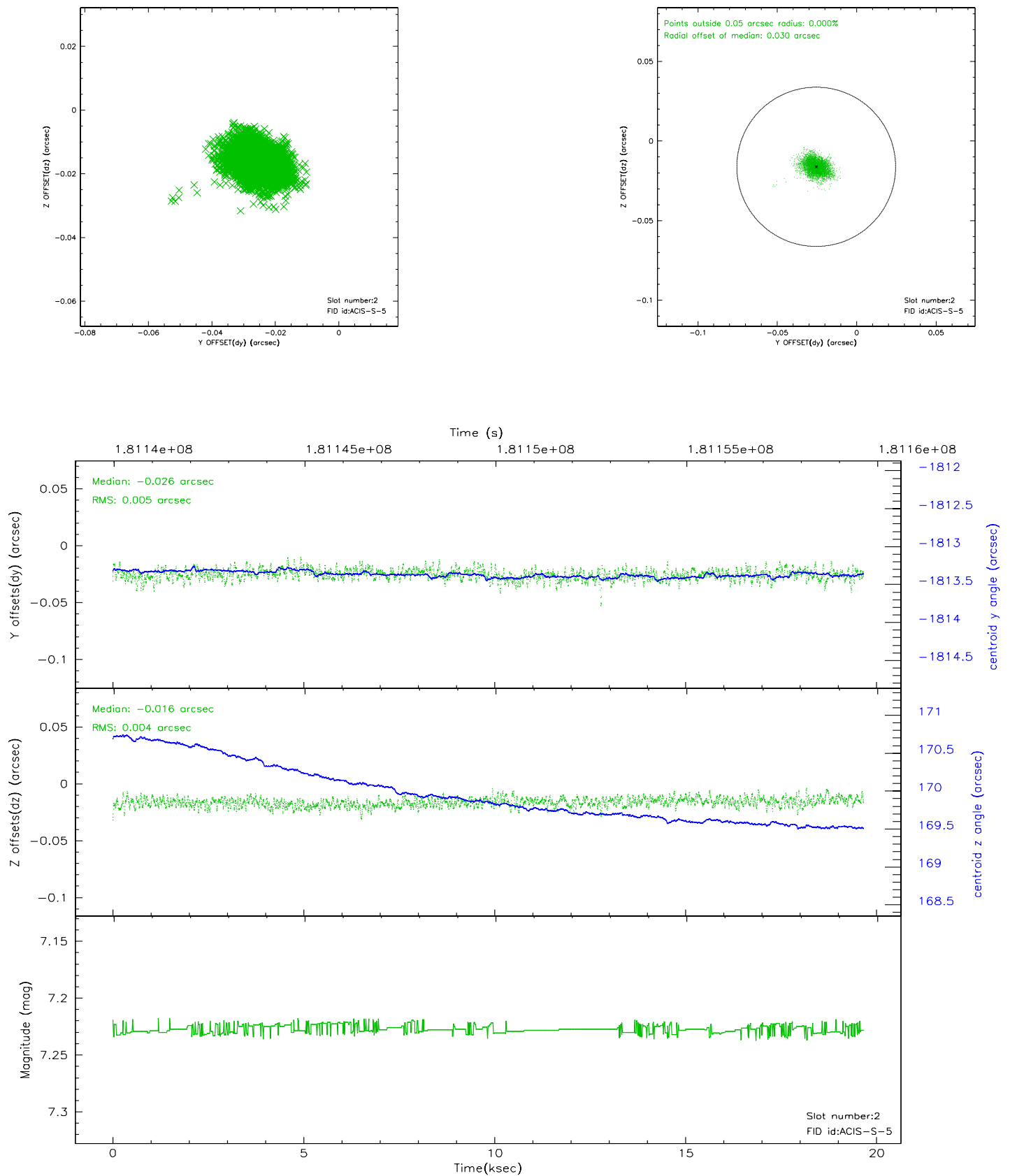
2.5.1 Slot 0



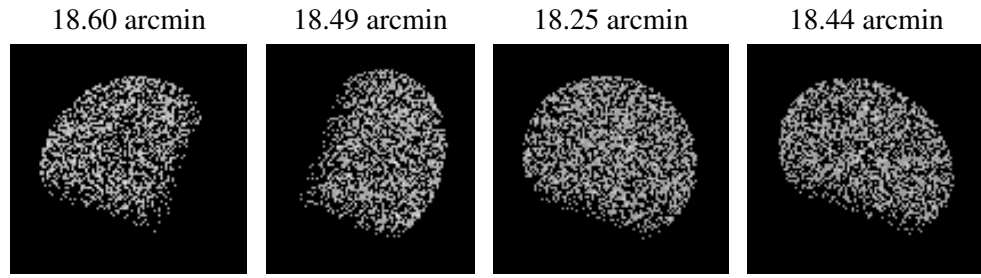
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.65

A.2 Comments