

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3763 - L2 Version 001
Chandra X-Ray Center

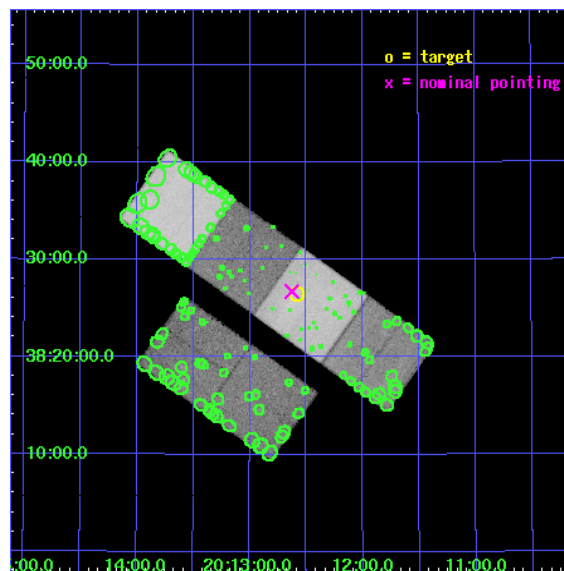
L2 Processing Date : Jul 27 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

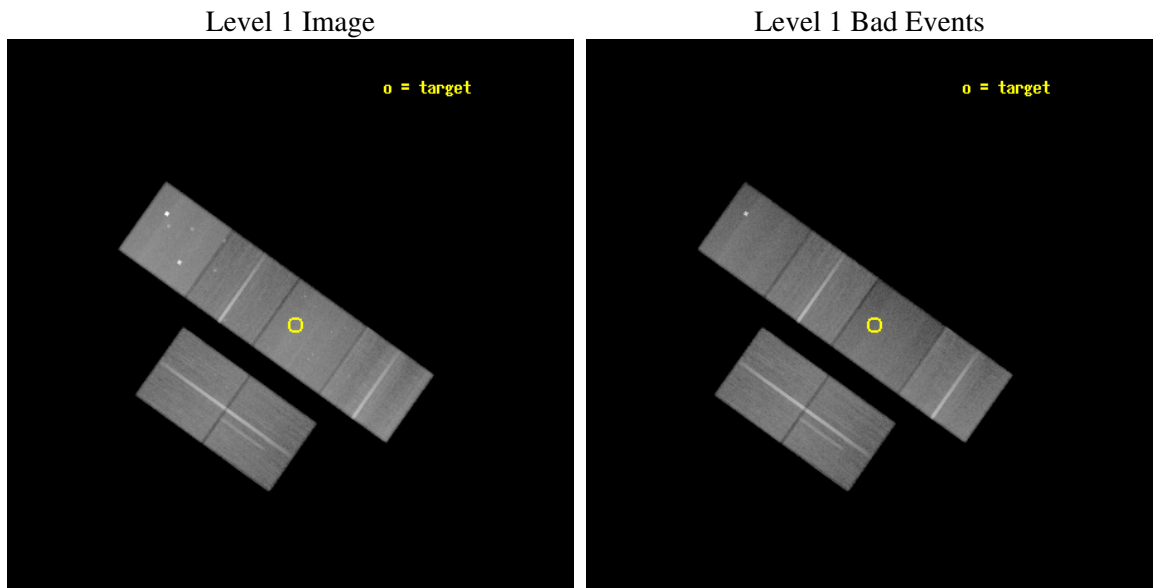
seq_num	200233
obs_id	3763
title	HOT GAS IN THE CIRCUMSTELLAR BUBBLE NGC 6888
observer	Dr. Robert Gruendl
object	NGC 6888
dtcycle	0
cycle	P
ra_targ	303.145833
dec_targ	38.441667
ra_nom	303.15697433118
dec_nom	38.445805196277
roll_nom	35.4689187447
revision	2
ontime	93961.599649966
livetime	92771.801298315
ontime2	93951.876799077
ontime3	93958.358689696
ontime5	93958.358689696
ontime6	93955.117699474
ontime7	93961.599649966
ontime8	93951.87672925
l2events	728911



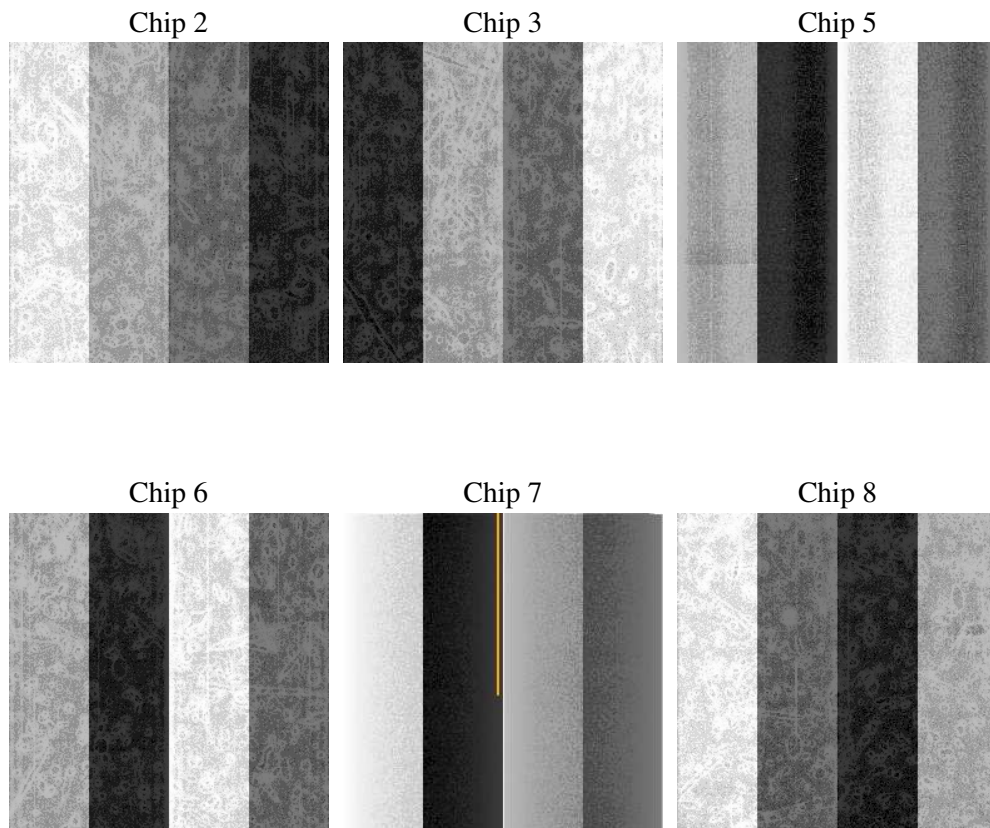
2 OBI

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	2006-07-27T23:59:23
revision	2

sched_exp_time	94000.000000
ontime	93966.291130245
ontime2	93956.568279356
ontime3	93963.050169975
ontime5	93963.050169975
ontime6	93959.809179753
ontime7	93966.291130245
ontime8	93956.568209529
l1events	3298399

2.1.4 Events

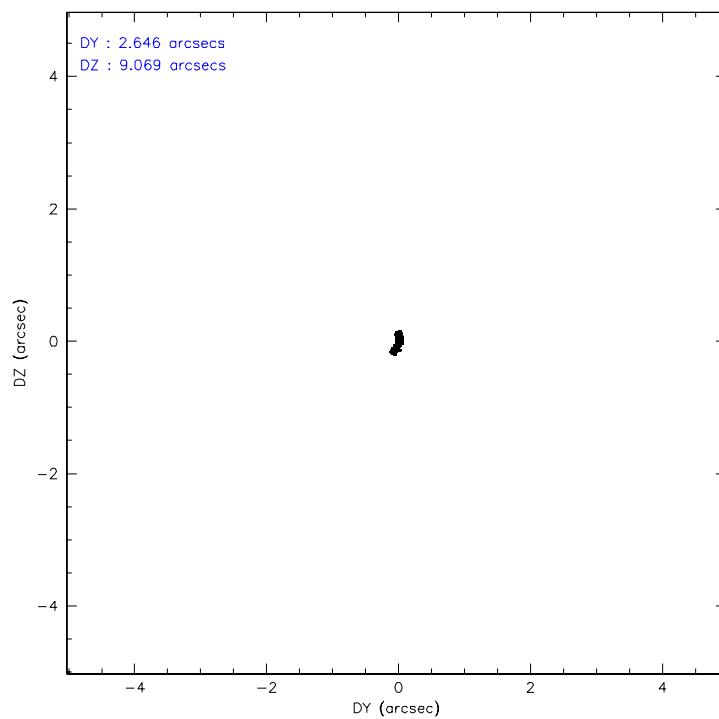
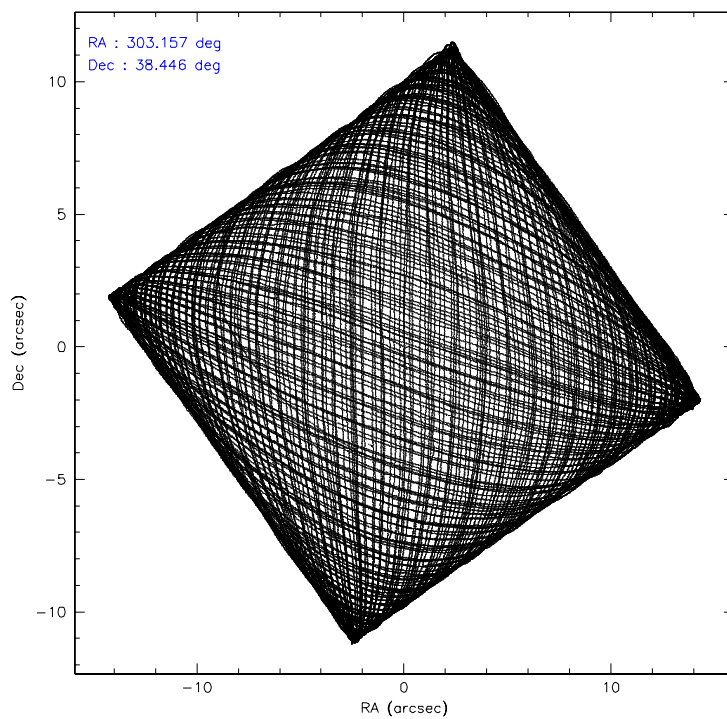
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	510970	467252	673991	491905	552626	601655
rejected events	461538	421576	335372	438775	301588	463150
rejected %	90%	90%	49%	89%	54%	76%

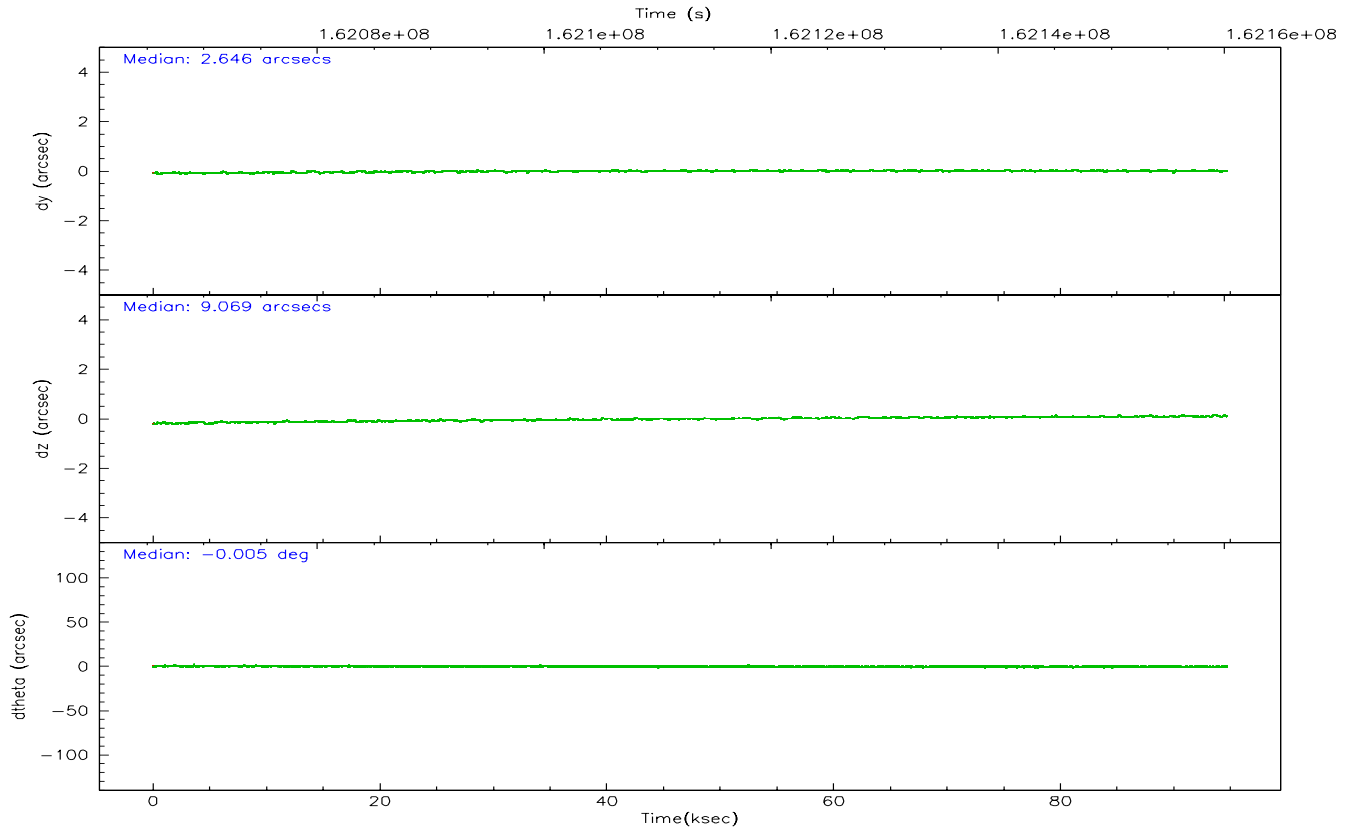
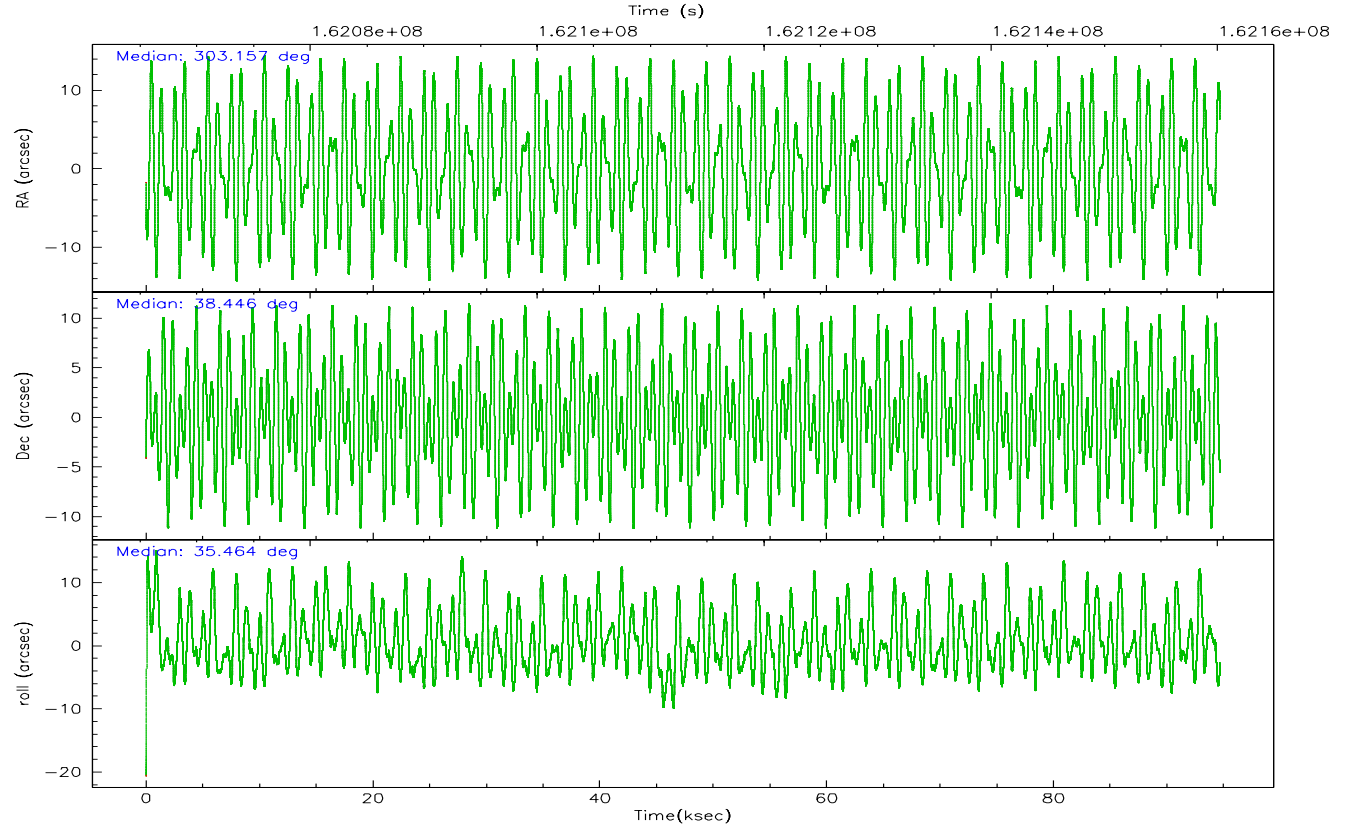
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	19077	17629	39626	21085	22052	47831
	3%	3%	5%	4%	3%	7%
grade 1 events	267	232	7095	239	278	428
	0%	0%	1%	0%	0%	0%
grade 2 events	11090	9170	107412	10586	61707	28584
	2%	1%	15%	2%	11%	4%
grade 3 events	5353	5196	9085	5697	16112	14451
	1%	1%	1%	1%	2%	2%
grade 4 events	5349	5118	8433	5467	15819	13242
	1%	1%	1%	1%	2%	2%
grade 5 events	15598	17920	34160	18783	40301	25916
	3%	3%	5%	3%	7%	4%
grade 6 events	8569	8567	174084	10299	135362	34405
	1%	1%	25%	2%	24%	5%
grade 7 events	445667	403420	294096	419749	260995	436798
	87%	86%	43%	85%	47%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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	303.142997	303.1569743311844	Alternating exposures requested	N	N
Pointing Dec	38.420889	38.44580519627728	Primary exposure time	0.000000	3.2
Pointing Roll	35.320981	35.46891874469954			
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	162066221.184000	162065002.27244			
Observation start date	2003-02-19T18:22:37	2003-02-19T18:03:22			
Observation end time	162160221.184000	162161016.58898			
Observation end date	2003-02-20T20:29:17	2003-02-20T20:43:36			
Read mode	TIMED	TIMED			

2.3 Aspect



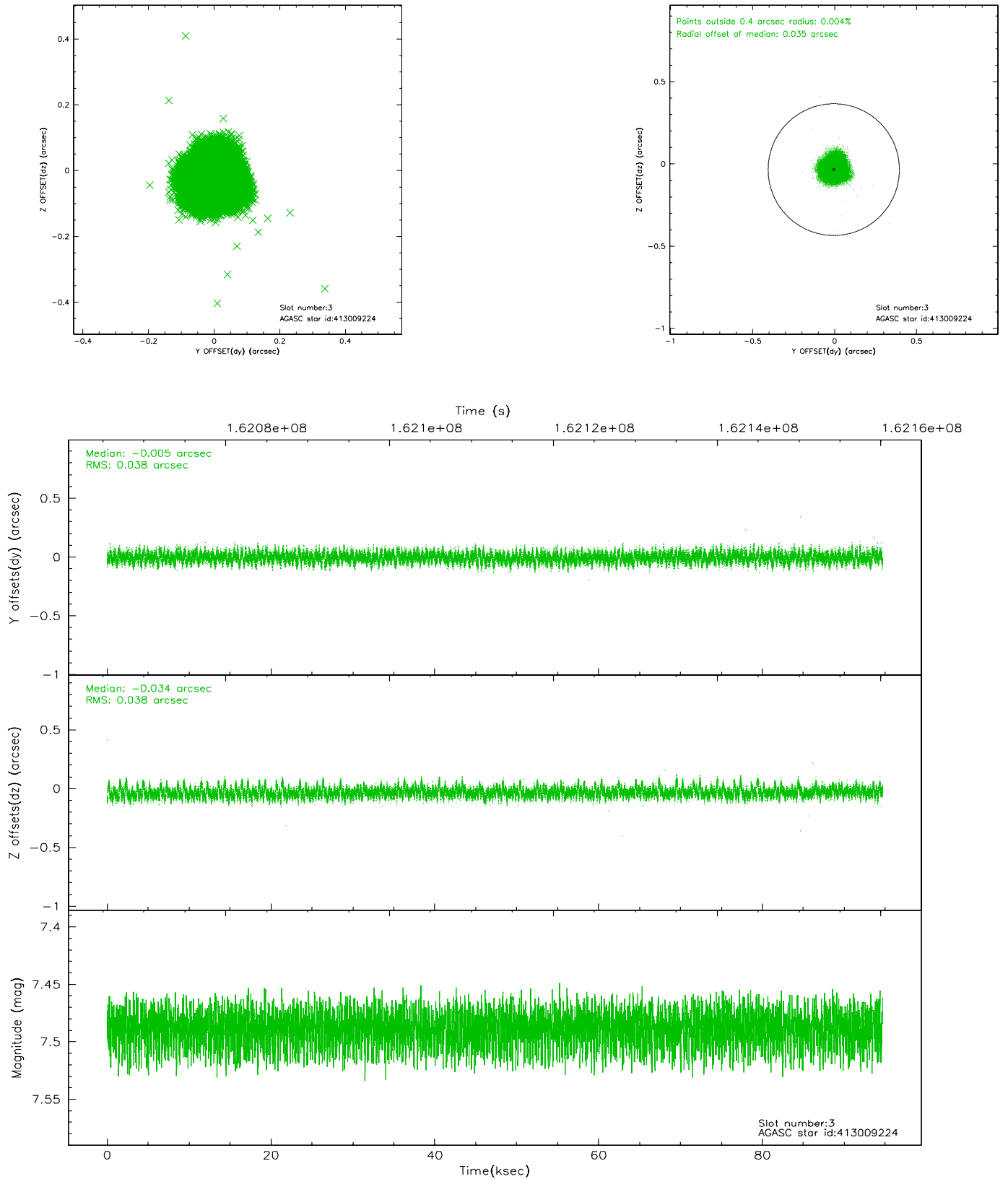


Slot Statistics

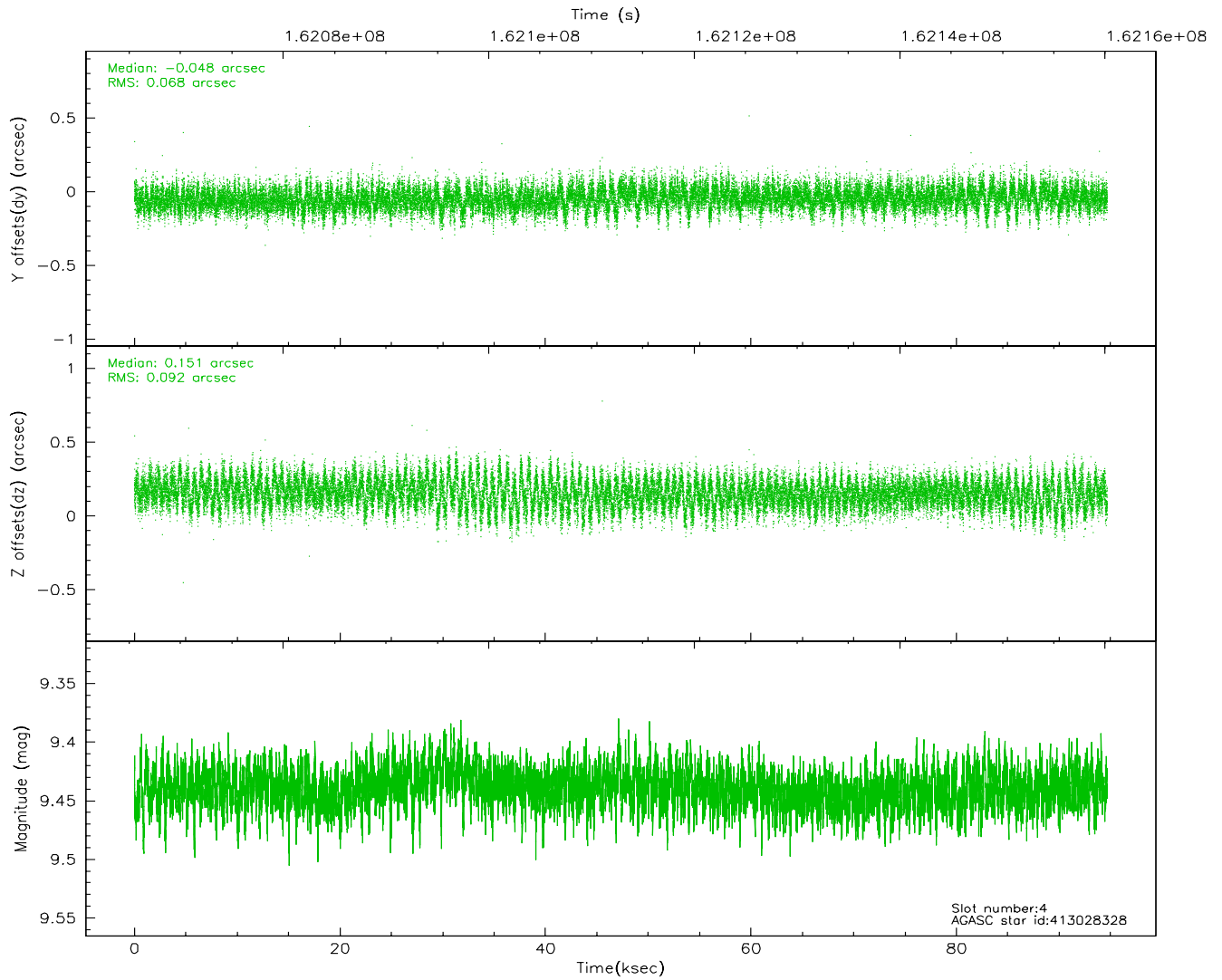
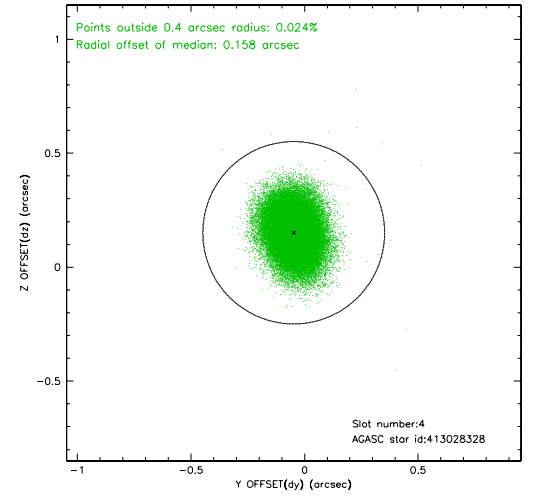
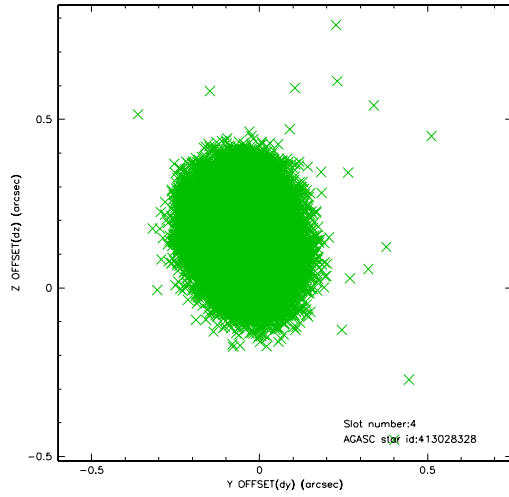
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	23096	-0.020	0.014	0.007	0.011	0.000000	0.000000	-755.28	-1730.27
1	FID	ACIS-S-4	7.20	23094	-0.051	0.006	0.006	0.011	0.000000	0.000000	2157.99	178.31
2	FID	ACIS-S-5	7.24	23096	0.040	-0.011	0.006	0.011	0.000000	0.000000	-1808.18	171.84
3	GUIDE	413009224	7.49	46185	-0.005	-0.034	0.057	0.093	303.481125	39.159018	2307.78	1624.07
4	GUIDE	413028328	9.44	46165	-0.048	0.151	0.122	0.197	303.770918	38.053608	691.84	-2102.83
5	GUIDE	413025160	8.43	23090	0.143	0.122	0.077	0.123	303.801746	38.608790	1907.42	-513.86
6	GUIDE	413011936	9.73	46074	0.112	0.082	0.130	0.236	302.764105	37.709927	-2358.47	-1462.76
7	GUIDE	413014520	7.31	46125	-0.129	-0.247	0.059	0.095	303.166972	39.026060	1314.28	1738.73

2.4 Star Slots

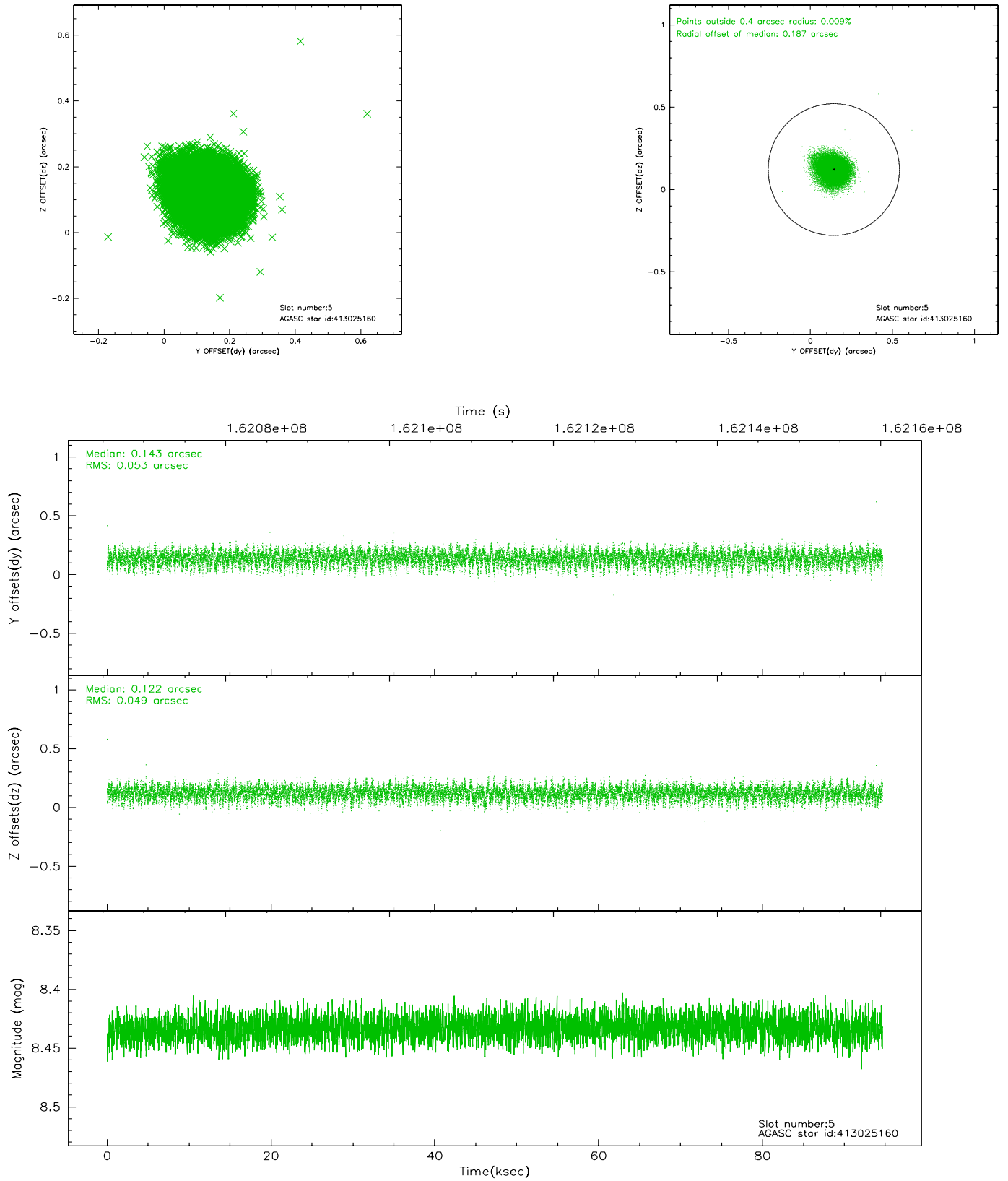
2.4.1 Slot 3



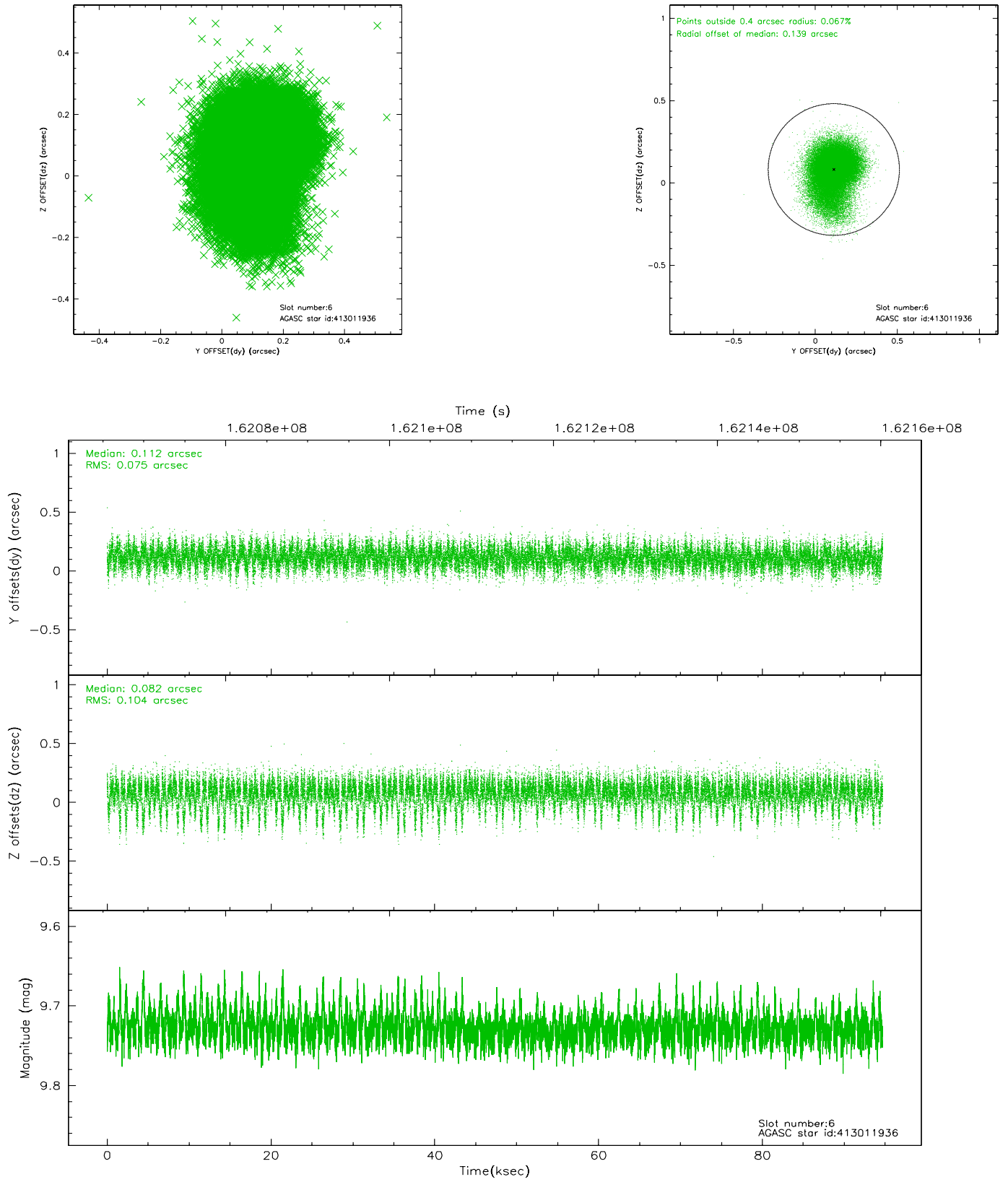
2.4.2 Slot 4



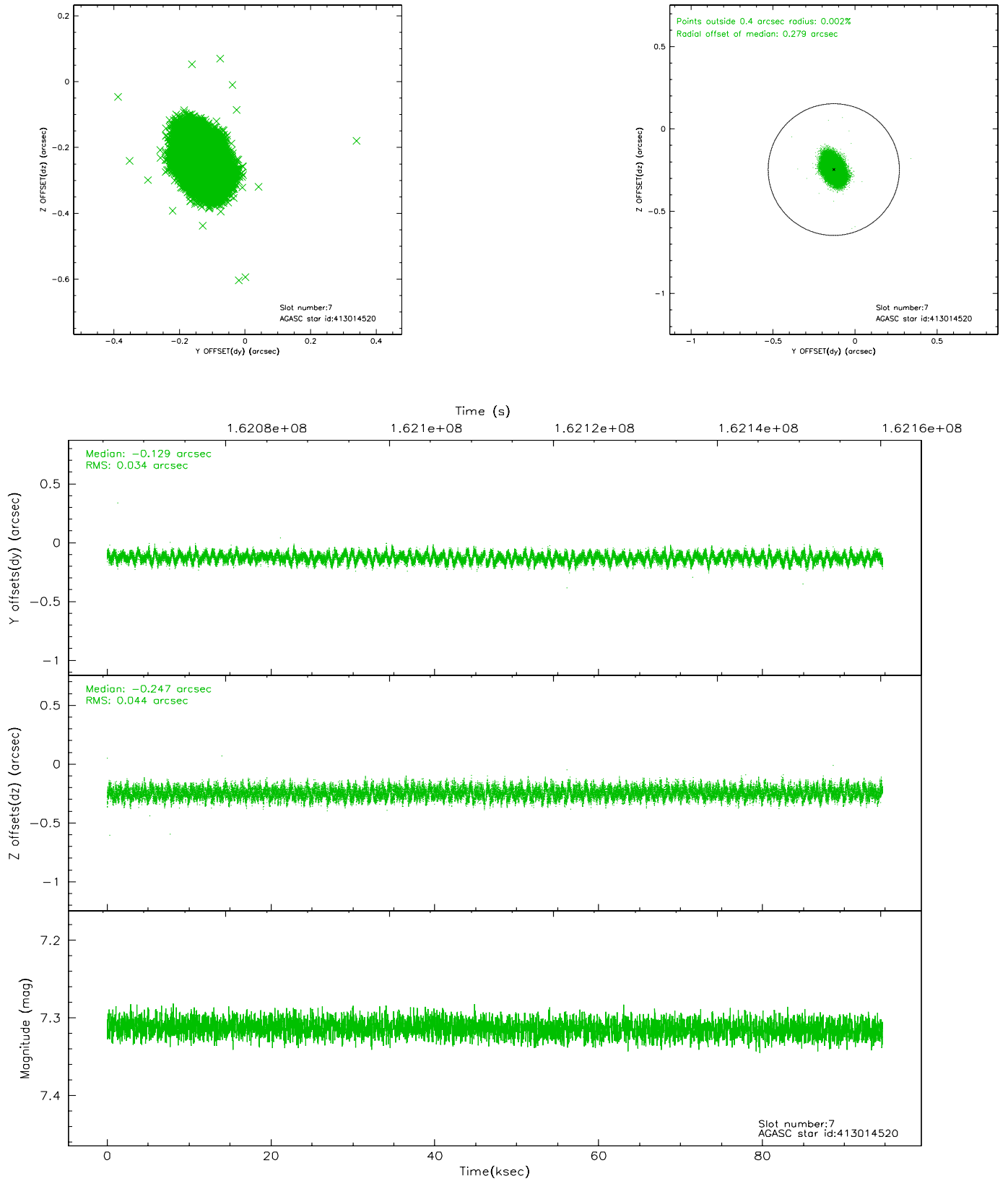
2.4.3 Slot 5



2.4.4 Slot 6

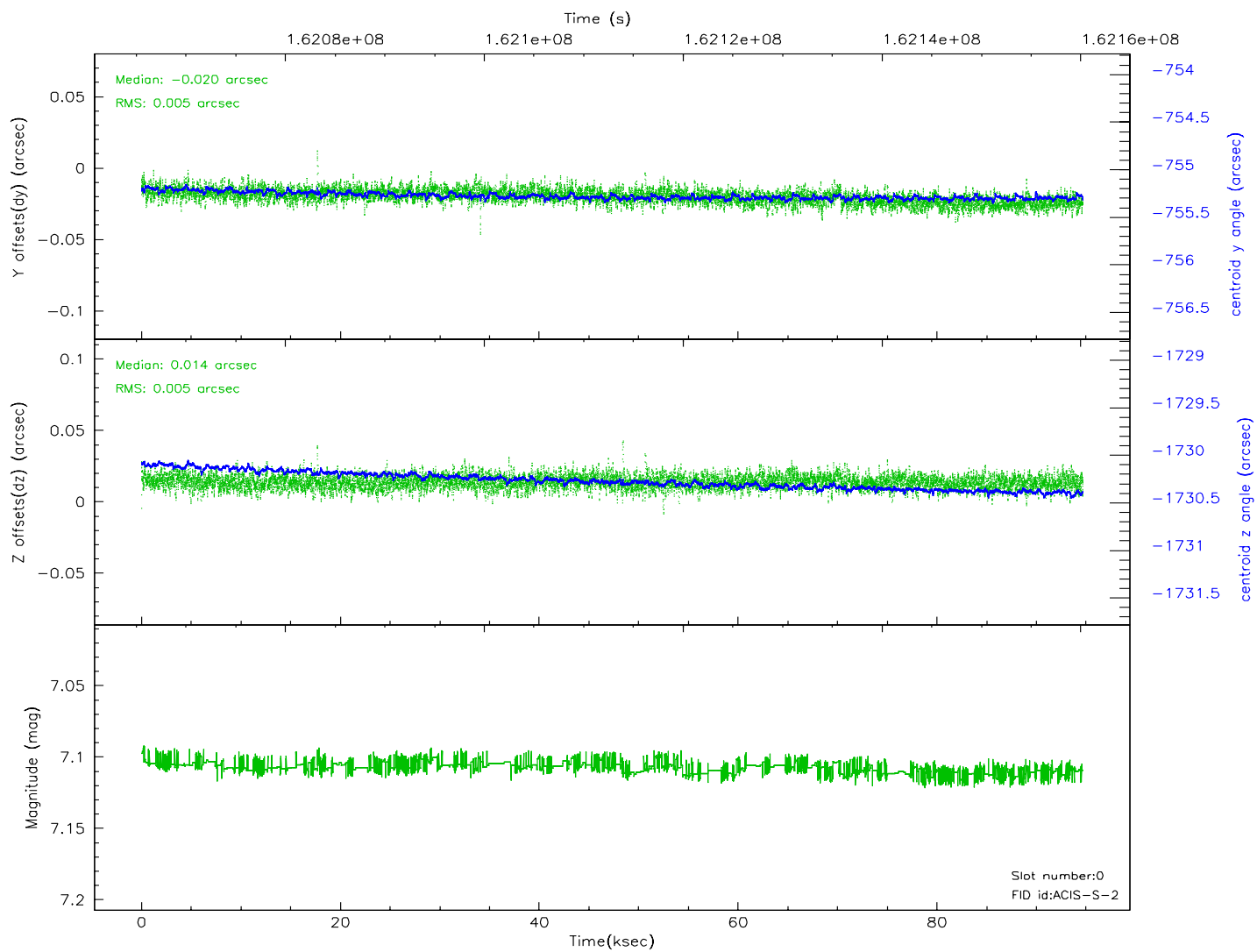
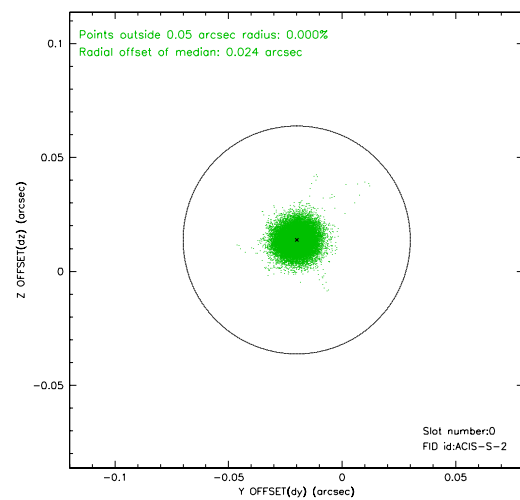
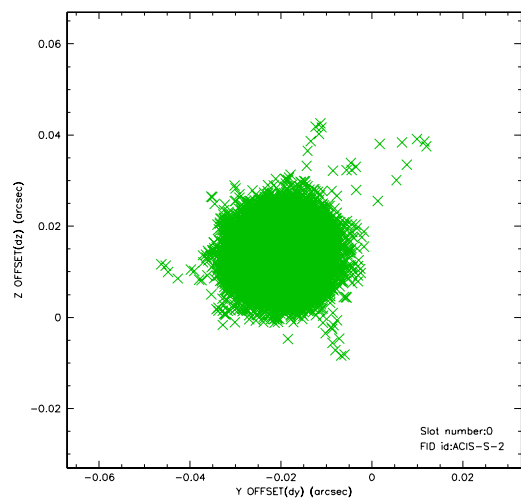


2.4.5 Slot 7

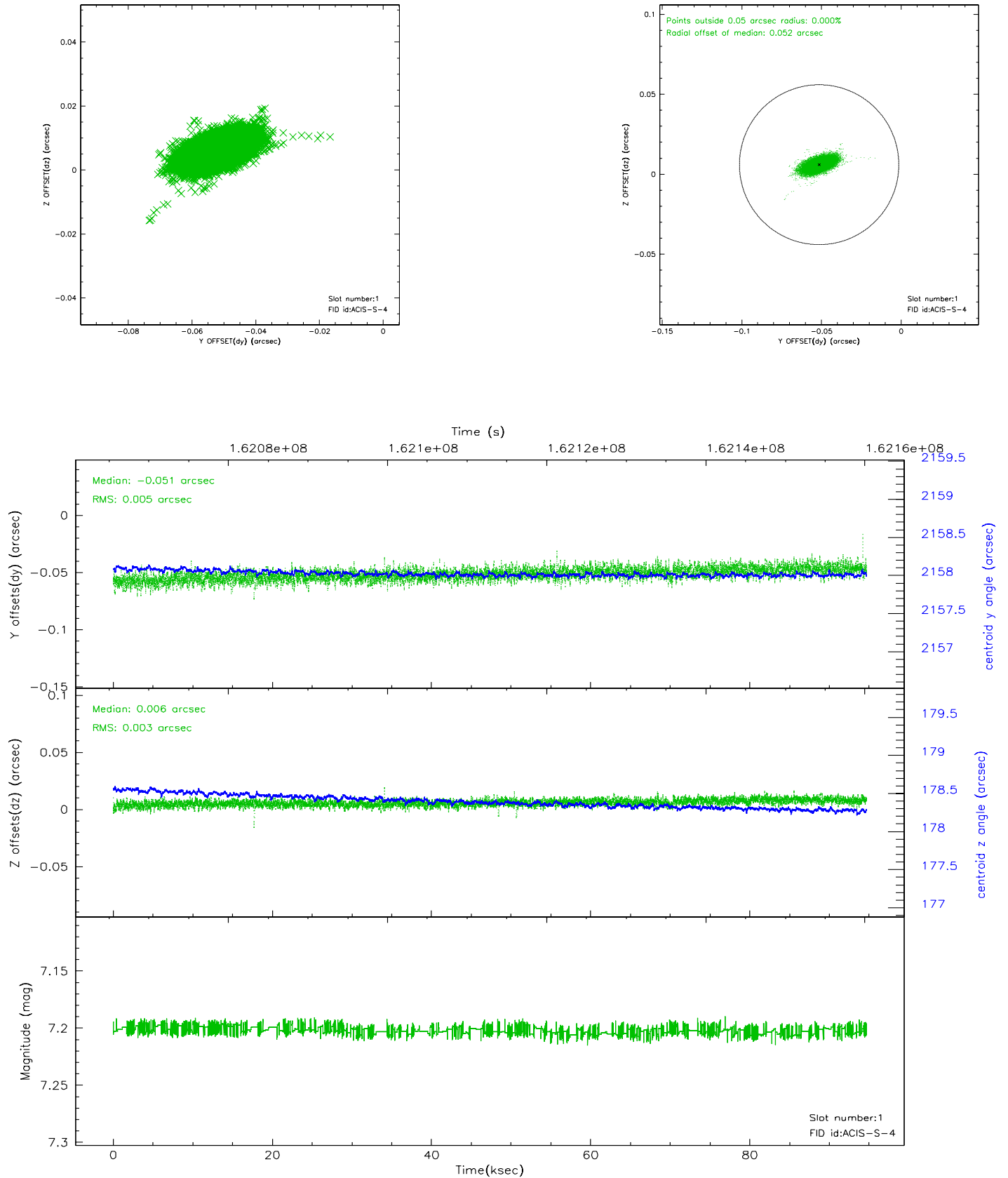


2.5 FID Slots

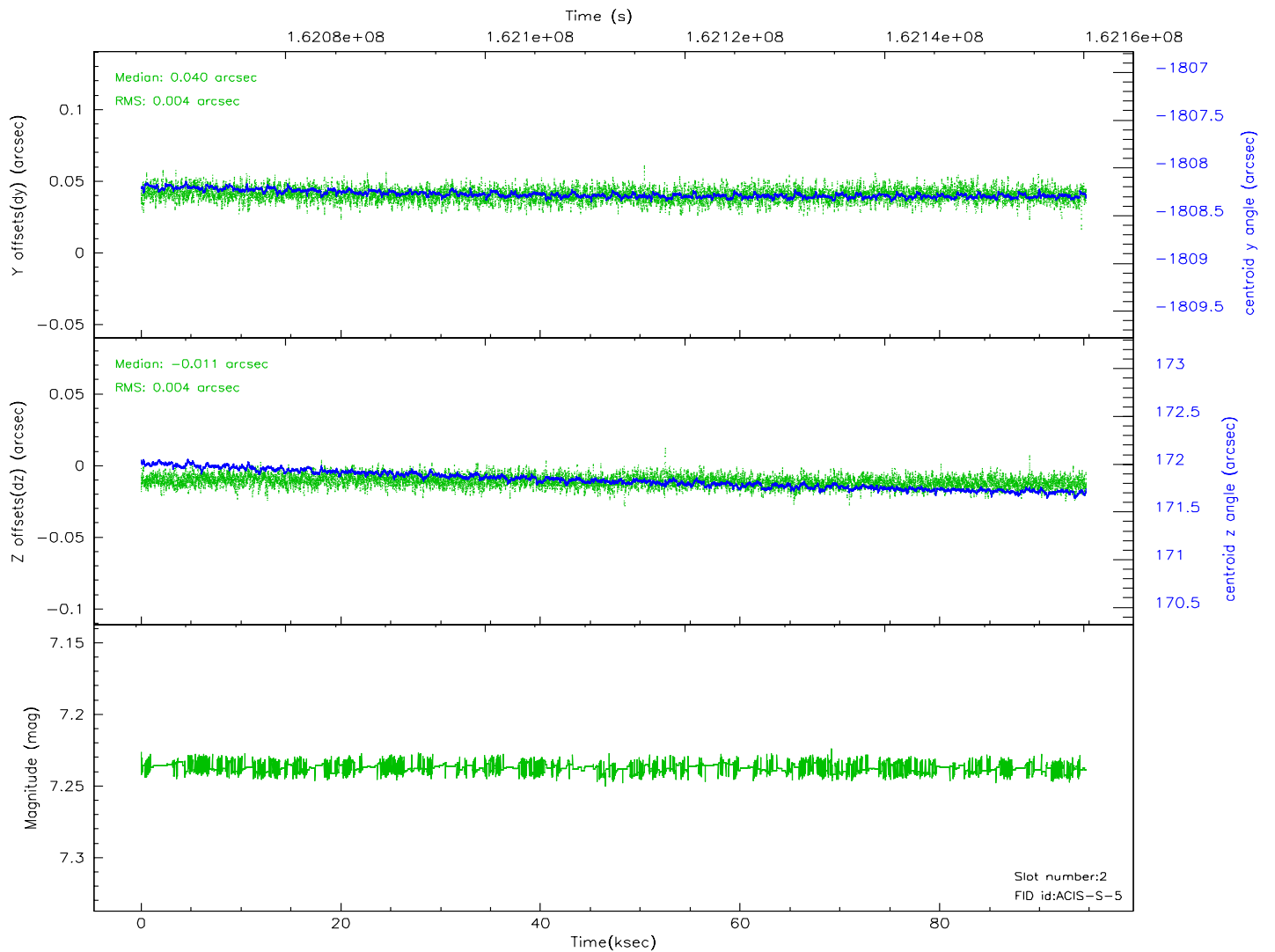
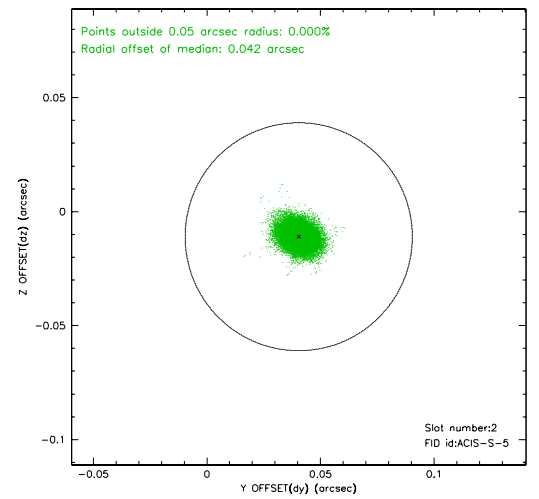
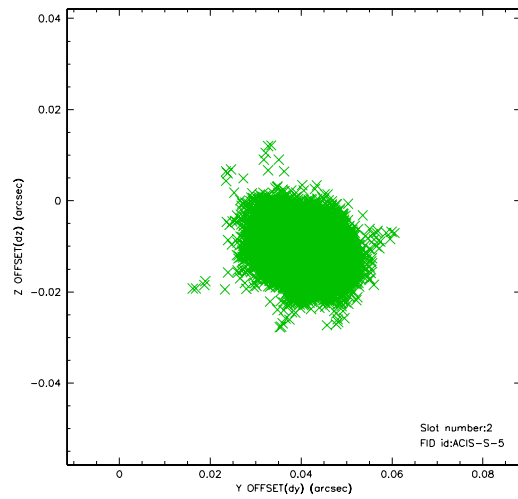
2.5.1 Slot 0



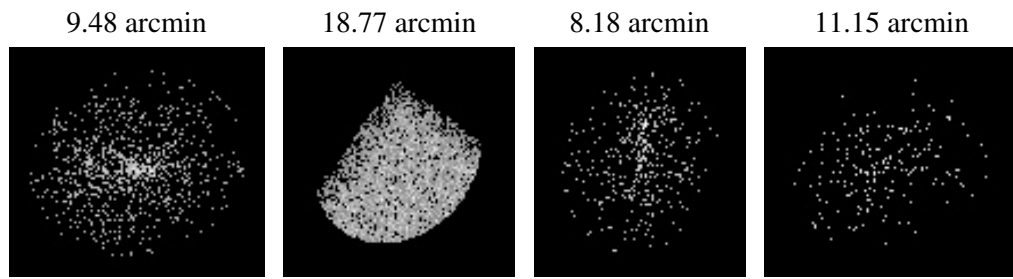
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	93.964

A.2 Comments

Roll preference met.