

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 401 - L2 Version 001
Chandra X-Ray Center

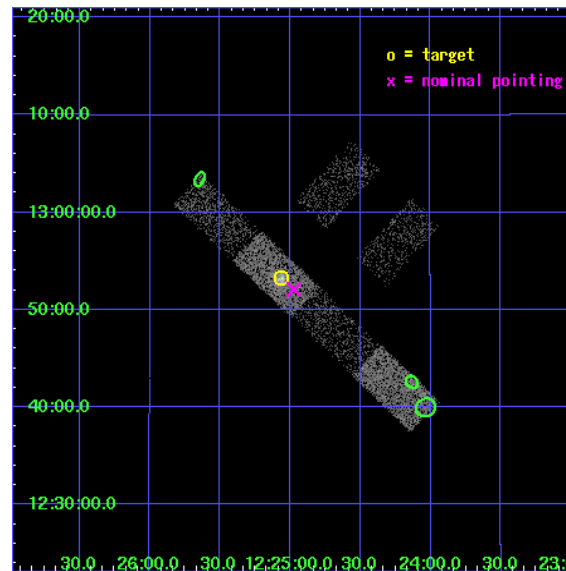
L2 Processing Date : May 11 2007

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

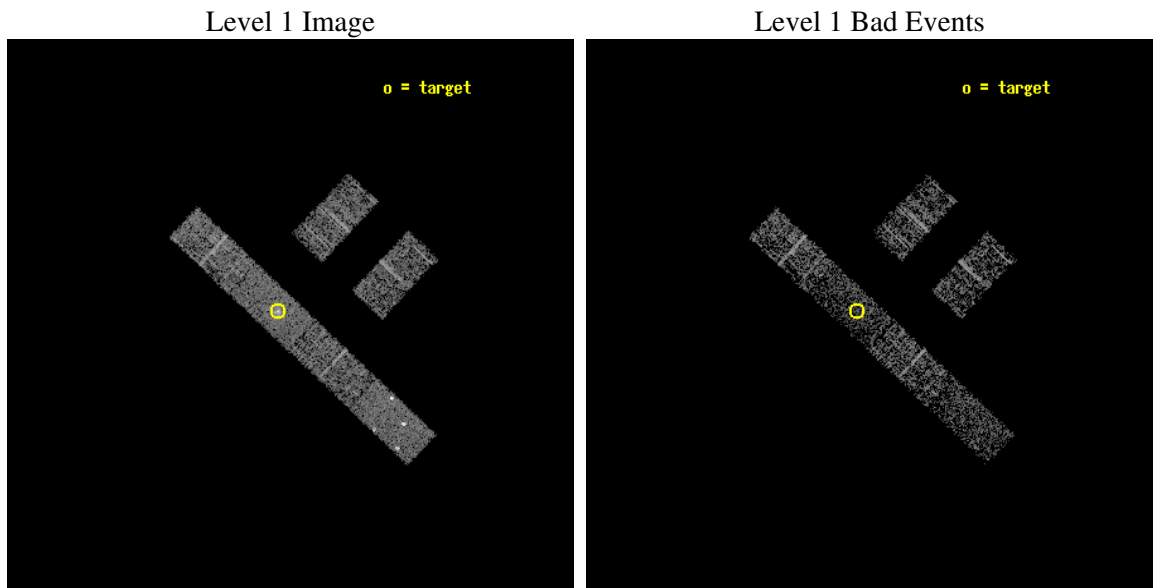
seq_num	700073
obs_id	401
title	LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Prof. Gordon Garmire
object	NGC 4374
dtcycle	0
cycle	P
ra_targ	186.266667
dec_targ	12.887222
ra_nom	186.24342987433
dec_nom	12.868345137153
roll_nom	223.27075181331
revision	3
ontime	1709.959006995
livetime	1671.8410314773
ontime2	1711.7999971658
ontime3	1711.7999971658
ontime5	1711.7999971658
ontime6	1709.958987087
ontime7	1709.959006995
ontime8	1711.7999971658
l2events	11163



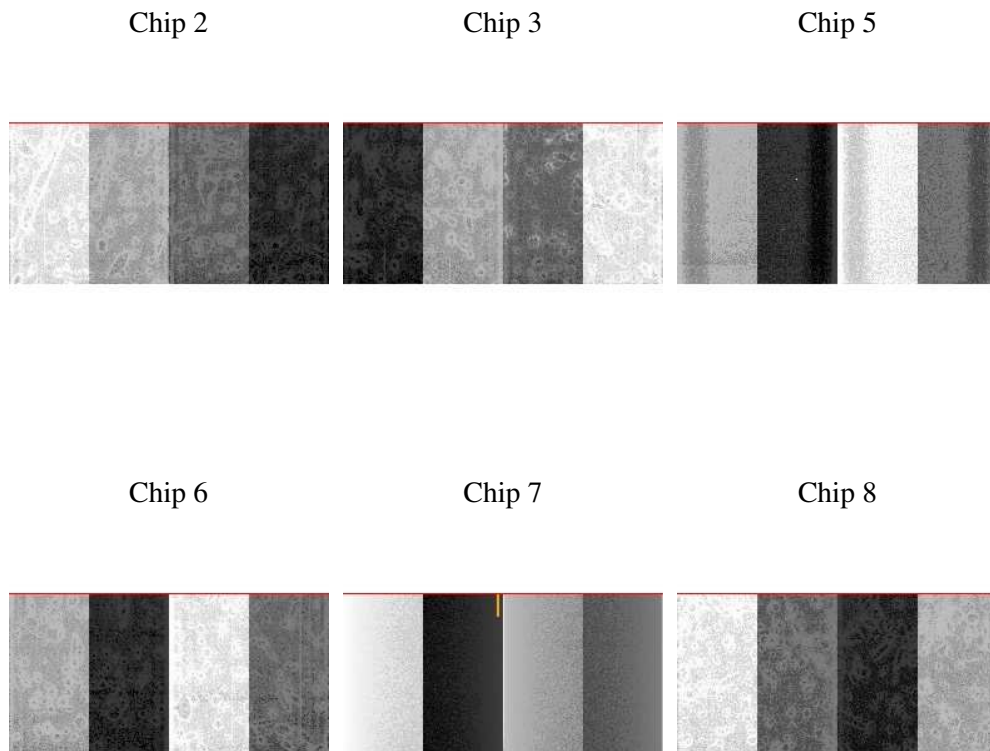
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-05-12T00:39:29
revision	3

sched_exp_time	2270.023000
ontime	1709.959006995
ontime2	1711.7999971658
ontime3	1711.7999971658
ontime5	1711.7999971658
ontime6	1709.958987087
ontime7	1709.959006995
ontime8	1711.7999971658
l1events	50164

2.1.4 Events

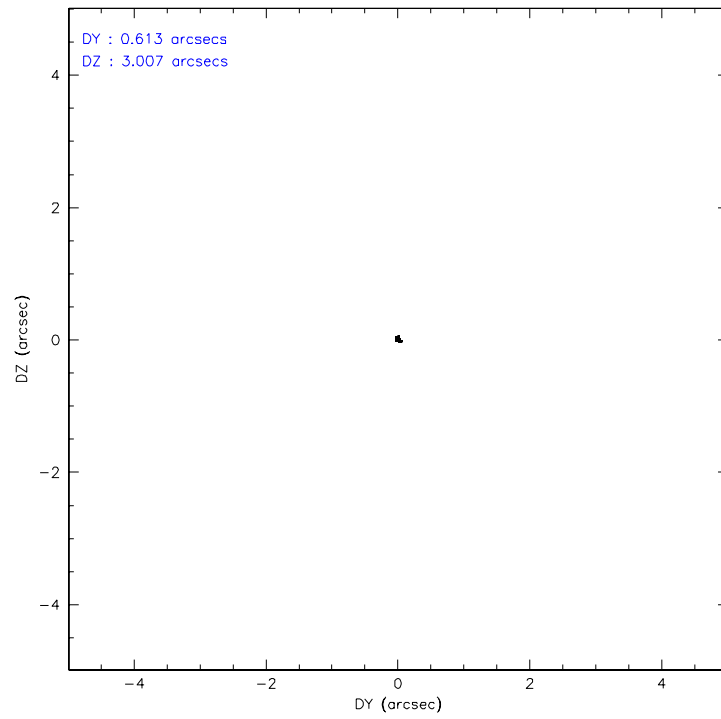
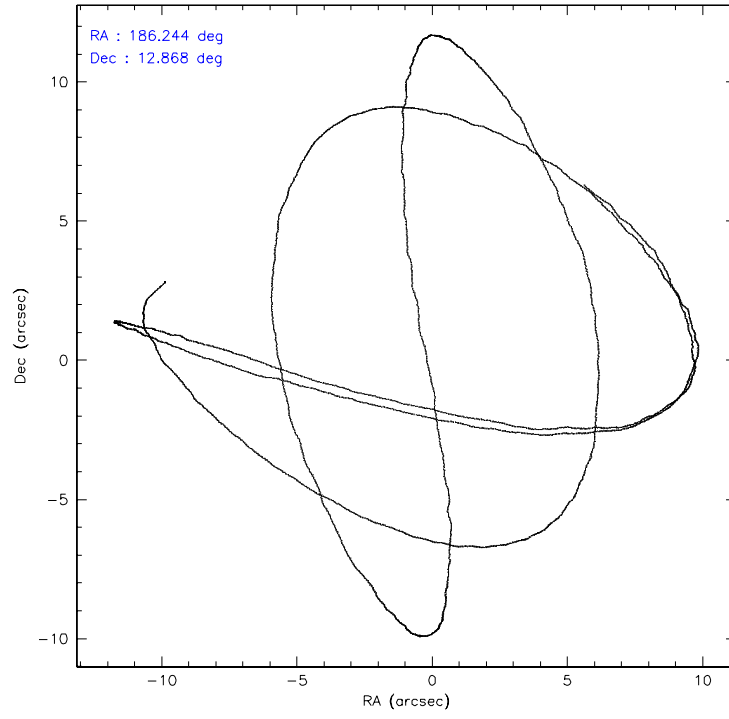
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6867	7482	10365	7427	8787	9236
rejected events	6105	6680	4340	6542	4202	7213
rejected %	88%	89%	41%	88%	47%	78%

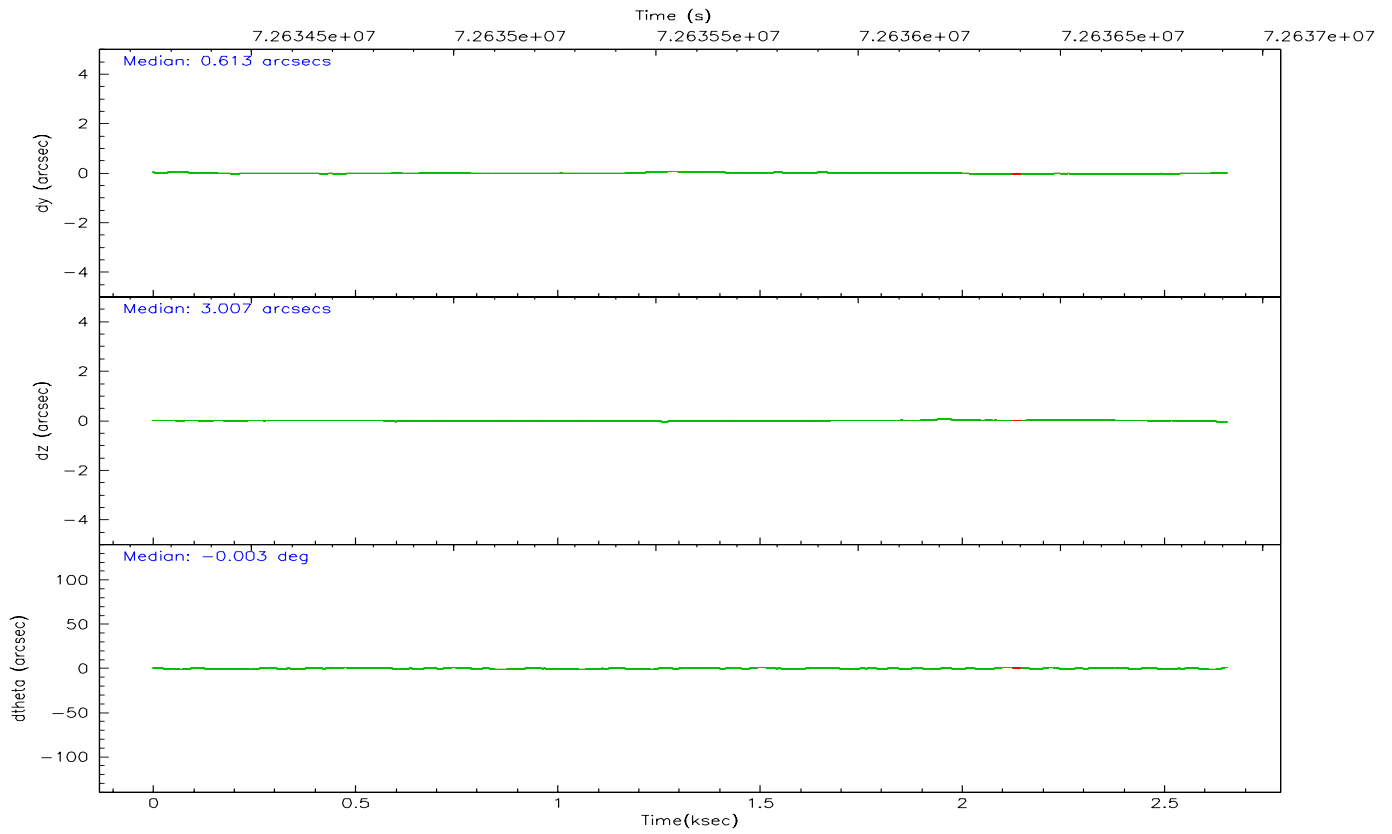
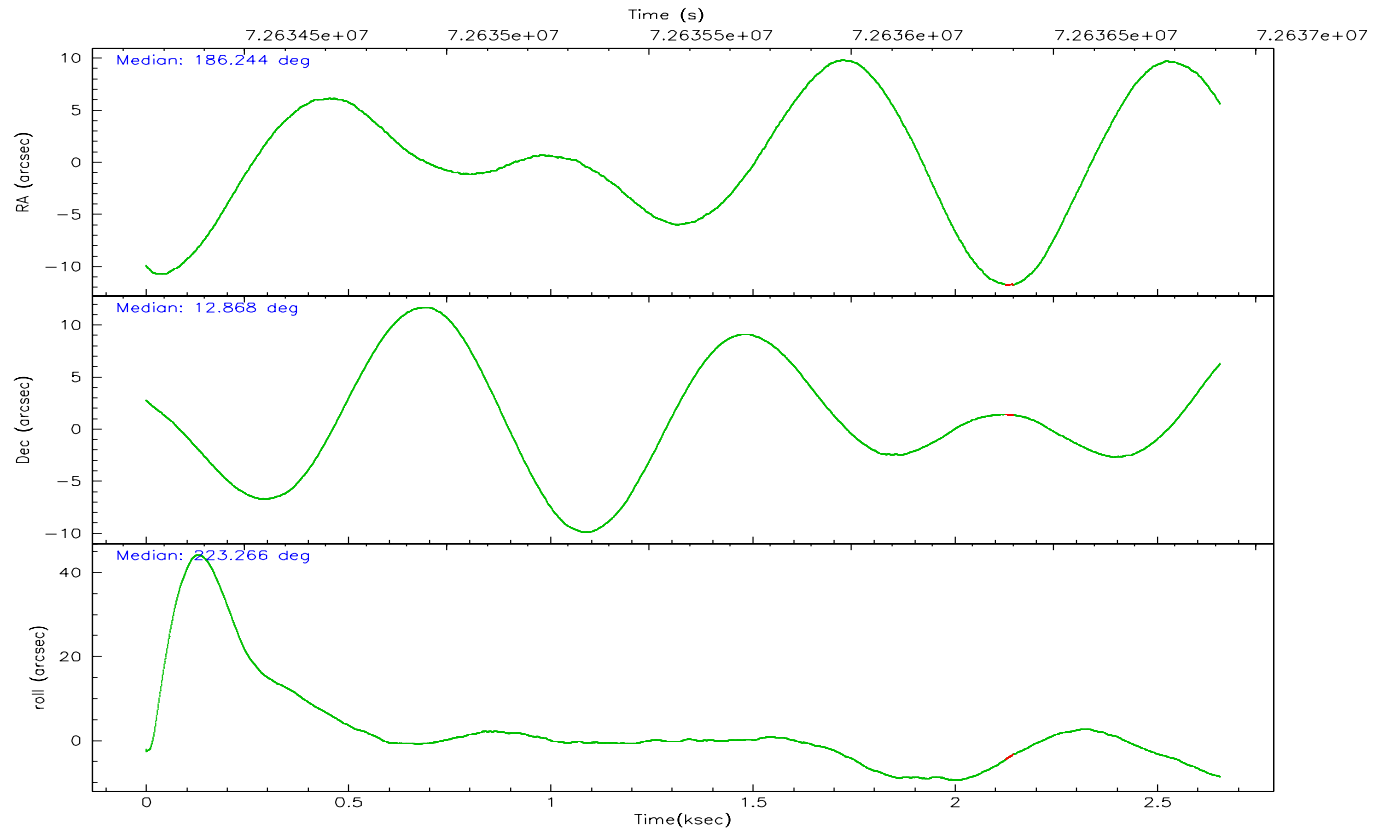
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	342	385	2438	422	861	876
	4%	5%	23%	5%	9%	9%
grade 1 events	6	0	7	1	5	4
	0%	0%	0%	0%	0%	0%
grade 2 events	147	124	1394	138	1010	382
	2%	1%	13%	1%	11%	4%
grade 3 events	79	101	202	93	455	166
	1%	1%	1%	1%	5%	1%
grade 4 events	84	84	236	102	510	174
	1%	1%	2%	1%	5%	1%
grade 5 events	154	214	653	225	718	295
	2%	2%	6%	3%	8%	3%
grade 6 events	115	115	1830	135	1806	449
	1%	1%	17%	1%	20%	4%
grade 7 events	5940	6459	3605	6311	3422	6890
	86%	86%	34%	84%	38%	74%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	186.251436	186.2434298743313	Subarray requested	CUSTOM	1/2
Pointing Dec	12.894792	12.86834513715297	Subarray start row	255	255
Pointing Roll	223.112297	223.2707518133108	Subarray row count	512	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	72634645.184000	72634036.25060301			
Observation start date	2000-04-20T16:16:21	2000-04-20T16:07:16			
Observation end time	72636915.184000	72637225.02572			
Observation end date	2000-04-20T16:54:11	2000-04-20T17:00:25			
Read mode	TIMED	TIMED			

2.3 Aspect



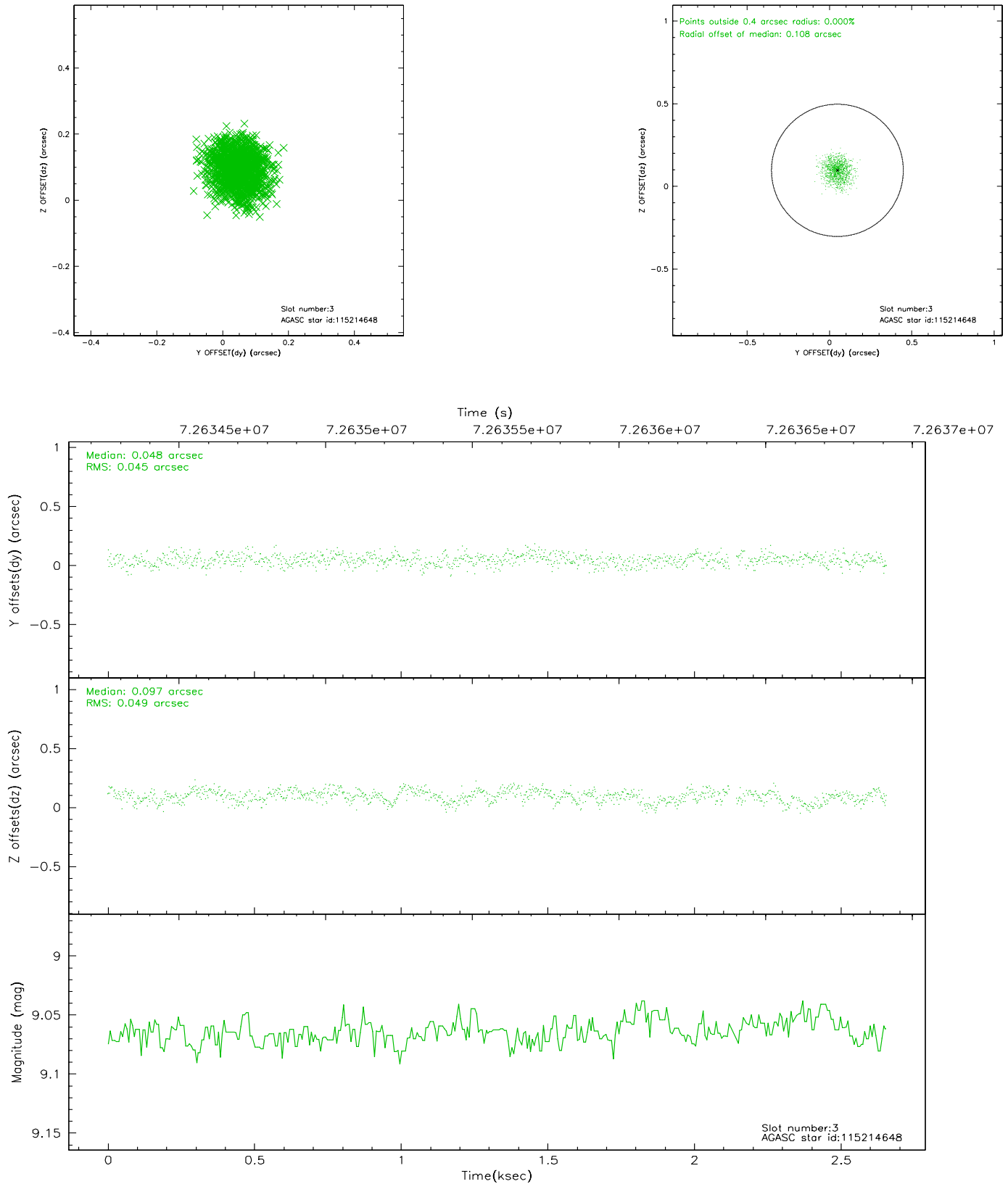


Slot Statistics

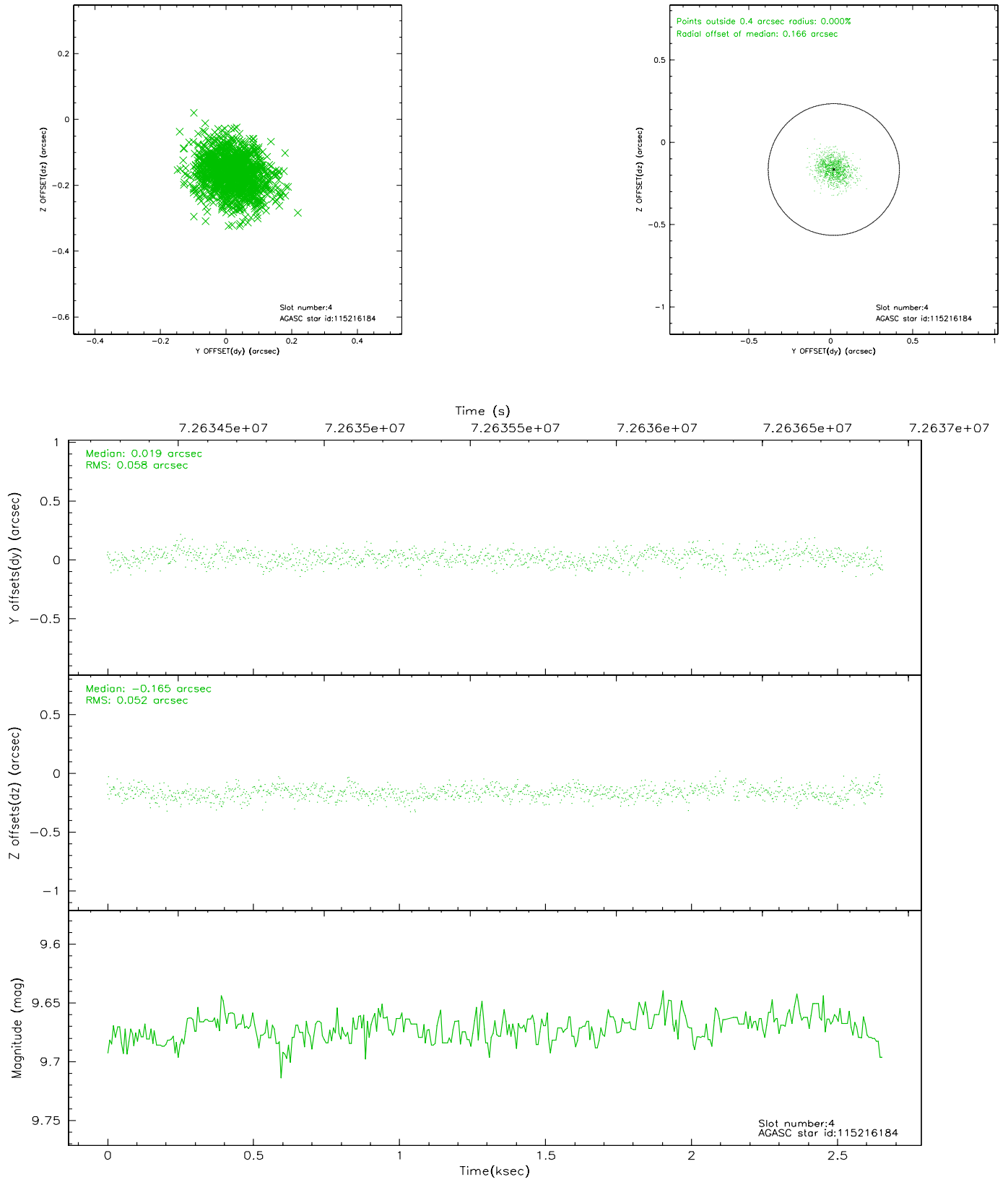
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	631	0.005	0.014	0.008	0.012	0.000000	0.000000	-753.23	-1723.98
1	FID	ACIS-S-4	7.21	603	-0.019	-0.006	0.009	0.015	0.000000	0.000000	2158.89	181.71
2	FID	ACIS-S-5	6.99	615	-0.017	0.000	0.007	0.012	0.000000	0.000000	-1802.74	178.46
3	GUIDE	115214648	9.06	1228	0.048	0.097	0.073	0.113	185.771147	12.685188	1747.73	-603.63
4	GUIDE	115216184	9.67	1255	0.019	-0.165	0.083	0.136	185.973150	12.580247	1490.35	156.78
5	GUIDE	115349744	10.35	1233	-0.025	-0.027	0.152	0.231	186.878186	12.752529	-1255.66	1875.24
6	GUIDE	115215984	9.99	1264	-0.006	0.063	0.101	0.161	186.134733	12.875031	348.15	-227.17
7	GUIDE	115215968	10.23	1263	-0.026	0.037	0.118	0.187	186.327588	13.159527	-844.38	-514.23

2.4 Star Slots

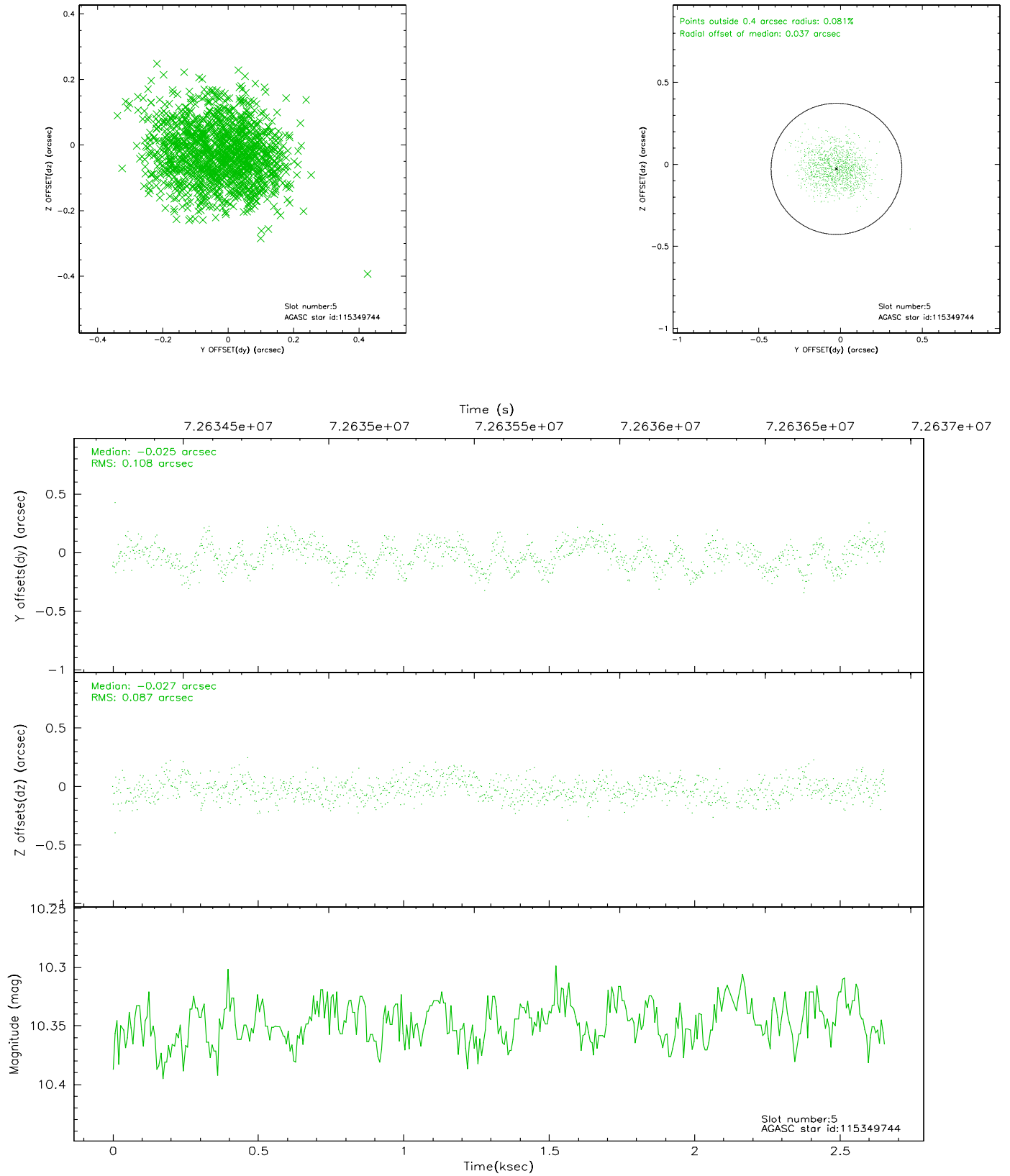
2.4.1 Slot 3



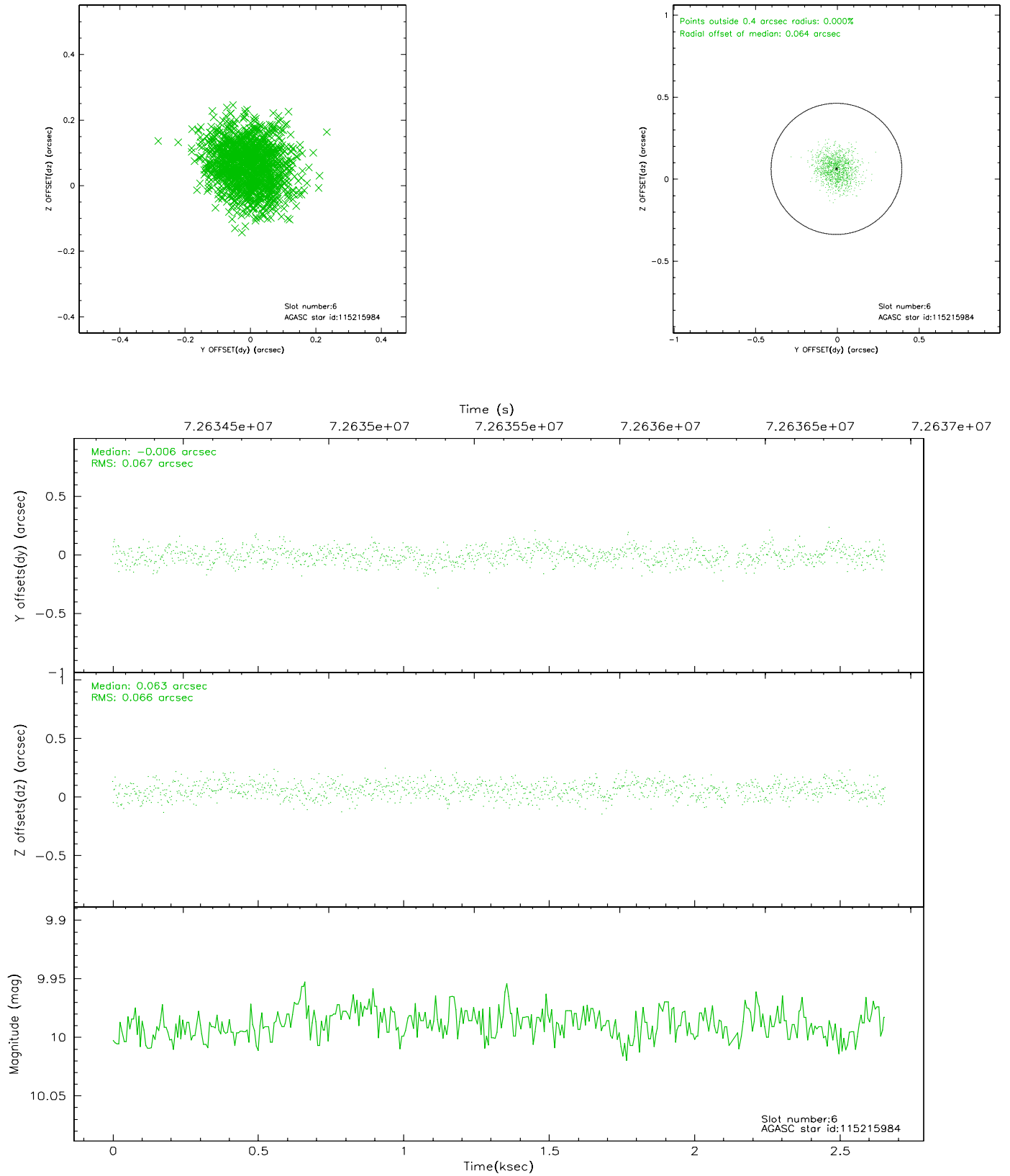
2.4.2 Slot 4



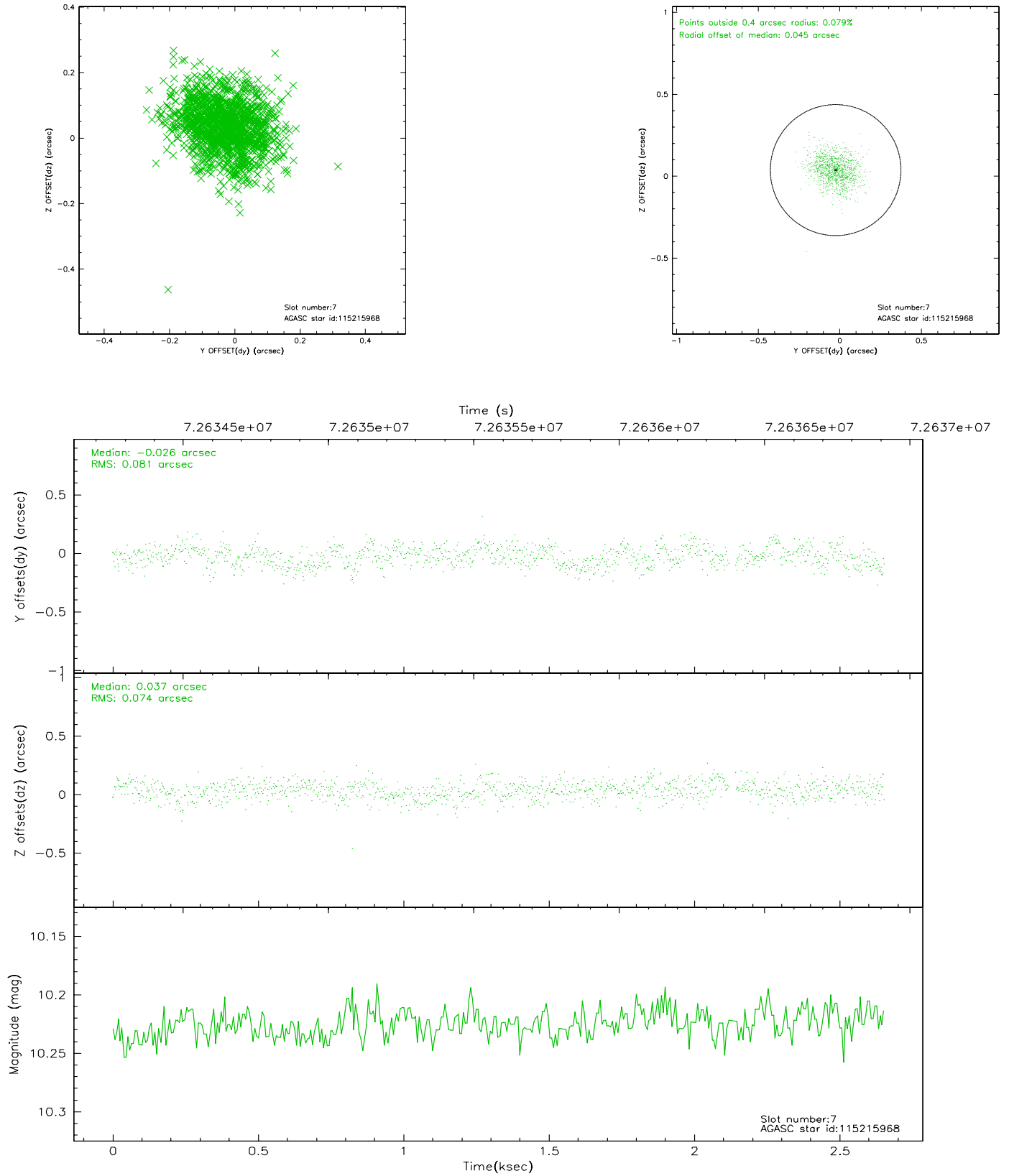
2.4.3 Slot 5



2.4.4 Slot 6

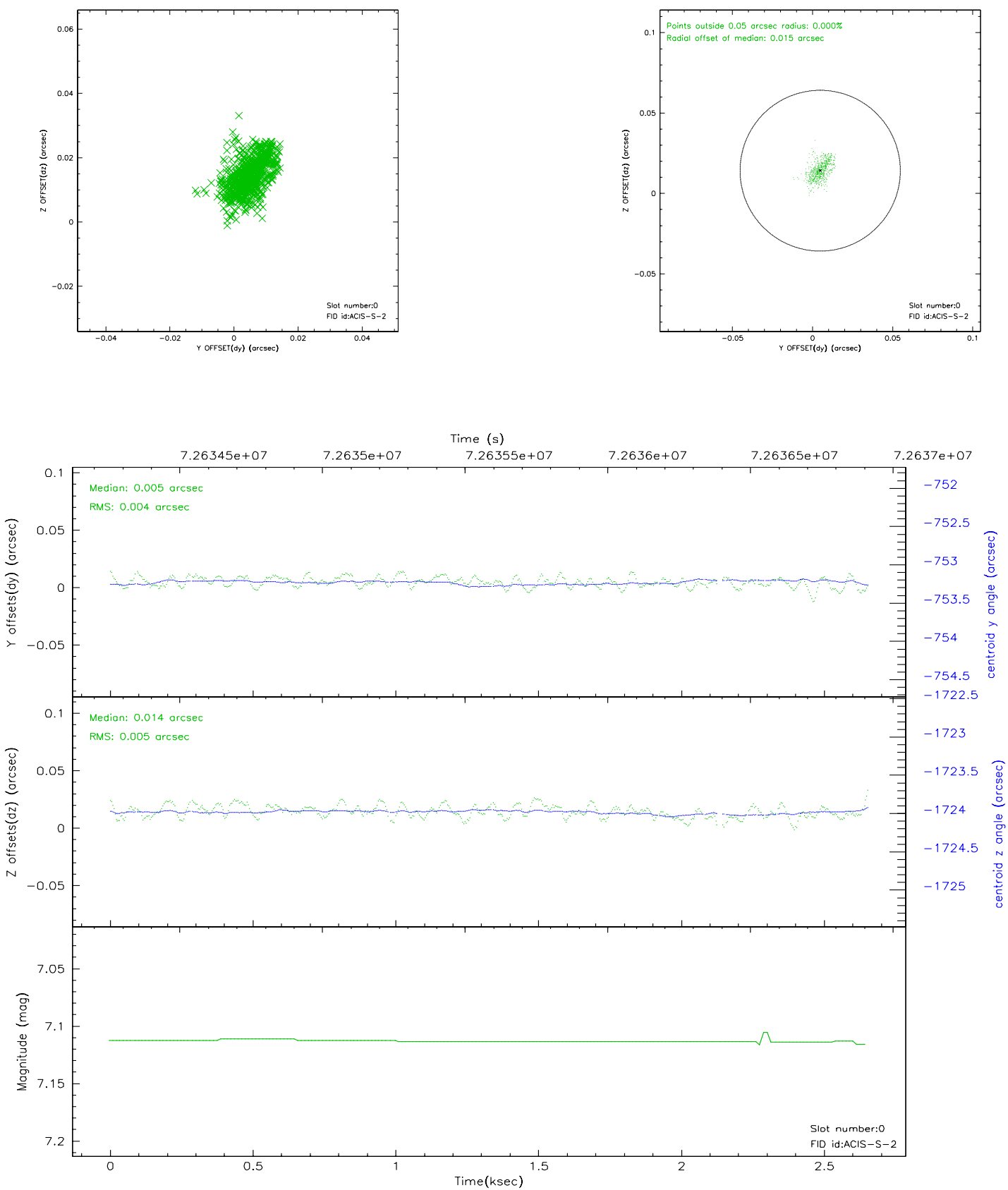


2.4.5 Slot 7

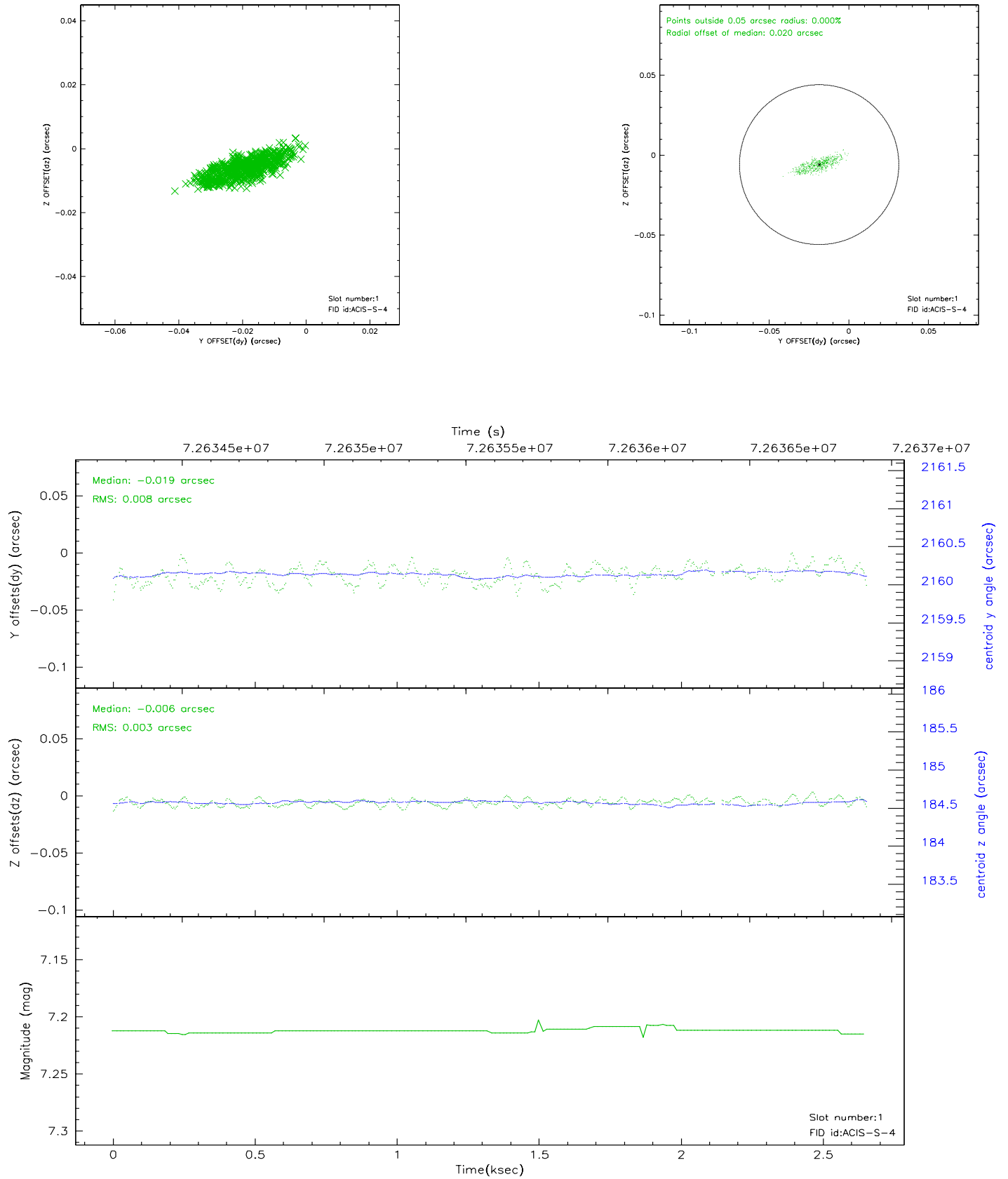


2.5 FID Slots

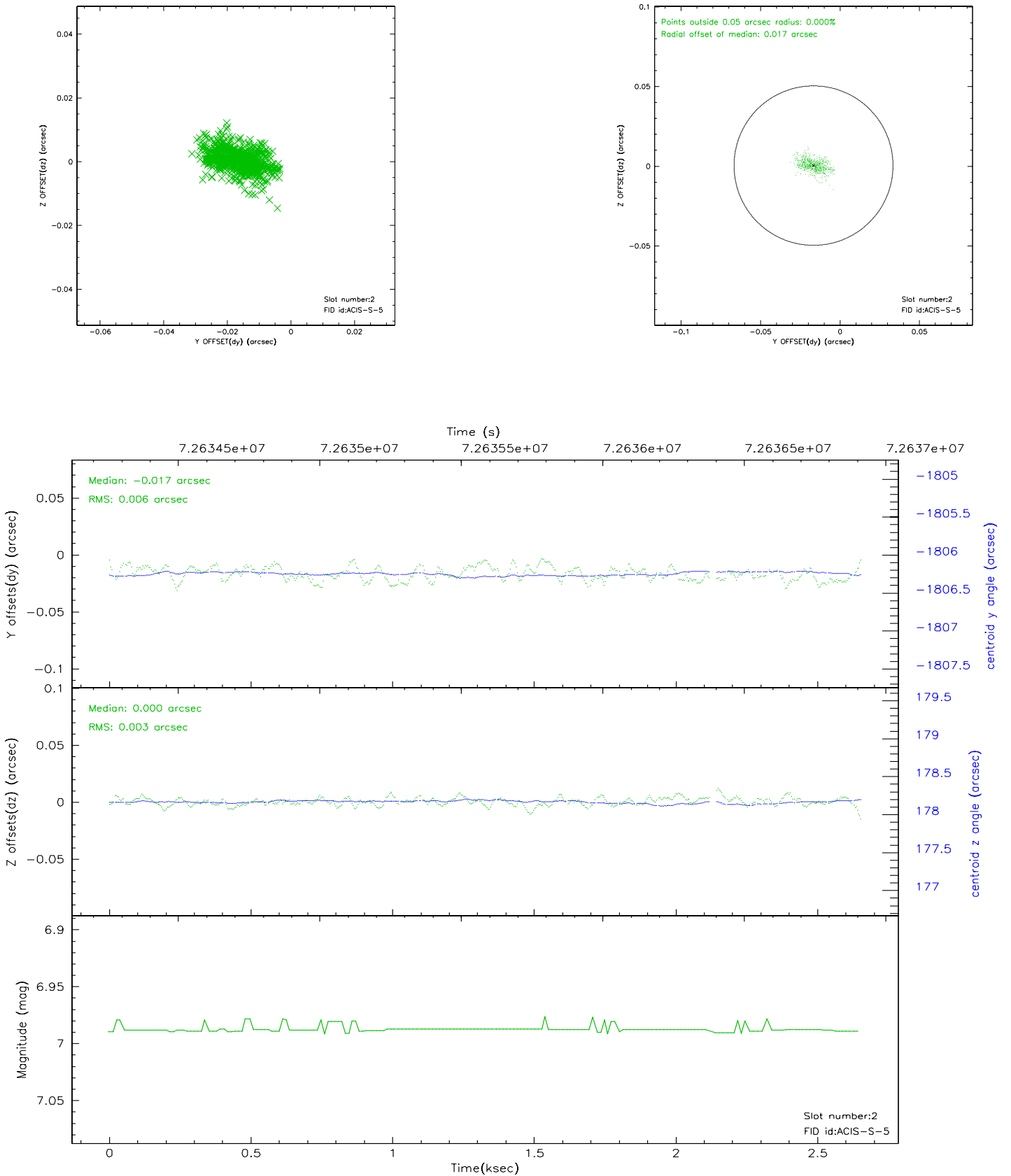
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

15.57 arcmin



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.11

A.2 Comments

Charge time for this ObsId remains at original value of 1.11 ks,
although
with the current processing the charge time would have been 1.709959
ksec.