

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5722 - L2 Version 002
Chandra X-Ray Center

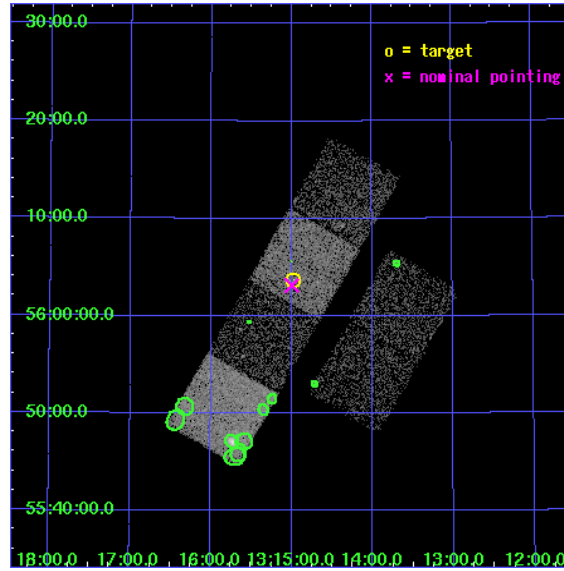
L2 Processing Date : Mar 20 2006

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1 Front

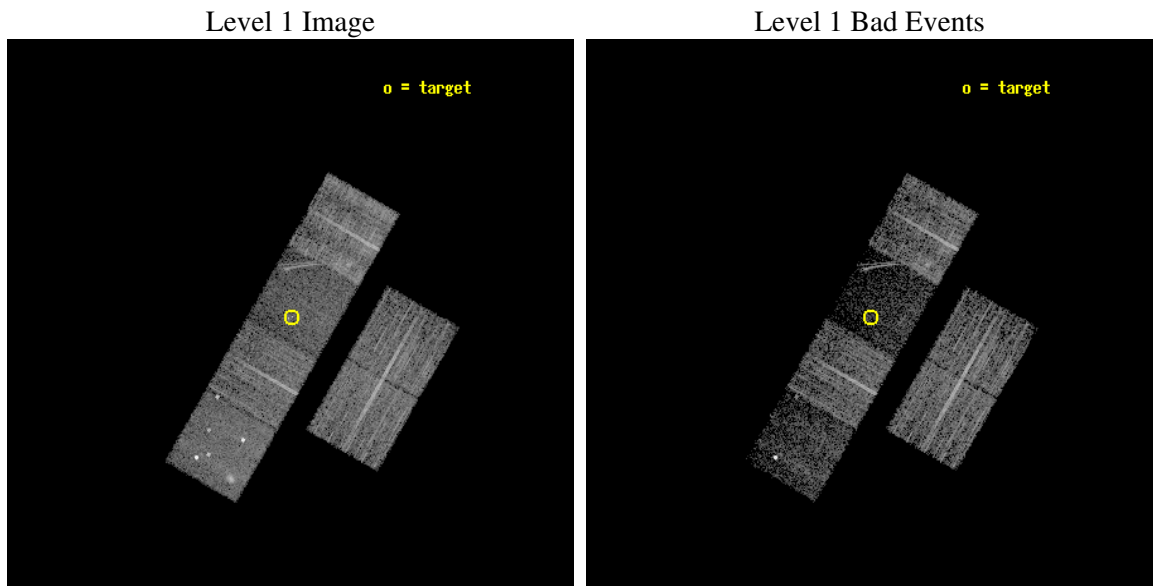
seq_num	701144
obs_id	5722
title	What kind of Jets does Nature make? X-ray characterization of the FIRST Flat Spectrum Sample
observer	Dr. Giovanni Fossati
object	87GB 1312+5619
dtcycle	0
cycle	P
ra_targ	198.743333
dec_targ	56.061667
ra_nom	198.74924252685
dec_nom	56.052524441104
roll_nom	299.83118298802
revision	2
ontime	6143.9999771118
livetime	6066.200949929
ontime2	6143.9999771118
ontime3	6140.7590068579
ontime5	6143.9999771118
ontime6	6143.9999771118
ontime7	6143.9999771118
ontime8	6140.7590068281
l2events	36286



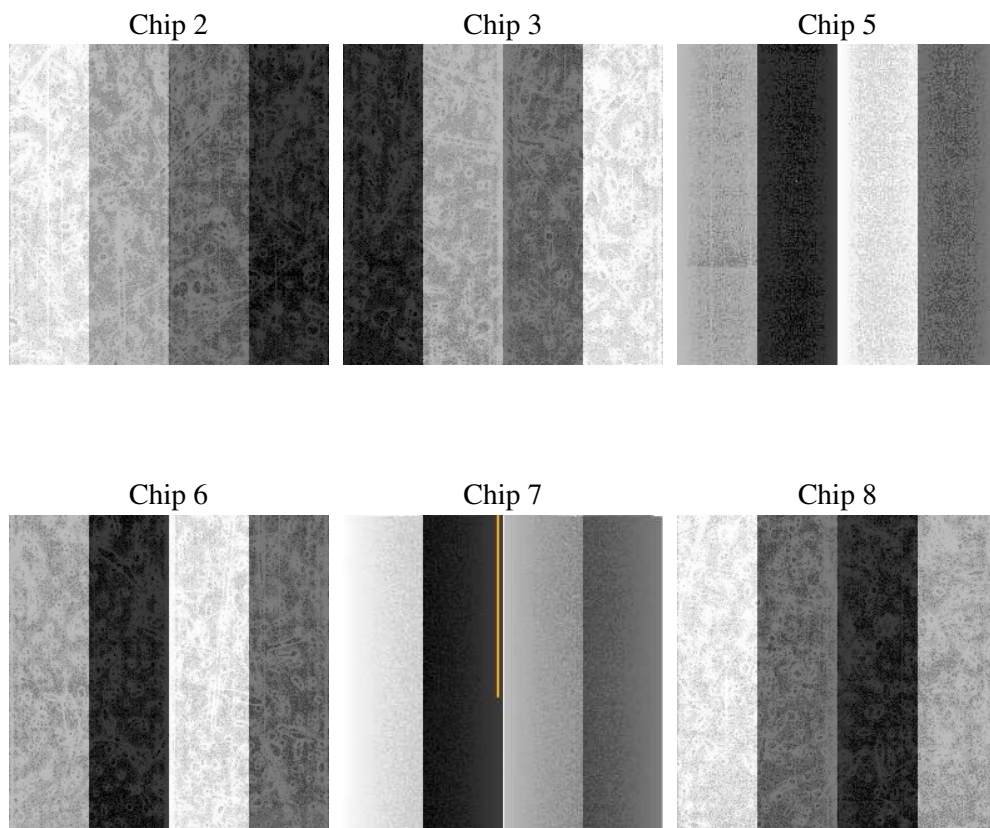
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-20T11:53:31
revision	2

sched_exp_time	6000.000000
ontime	6268.0953076482
ontime2	6268.0952777565
ontime3	6264.8543075025
ontime5	6268.0953076482
ontime6	6268.0952777565
ontime7	6268.0953076482
ontime8	6264.8543074727
l1events	194124

2.1.4 Events

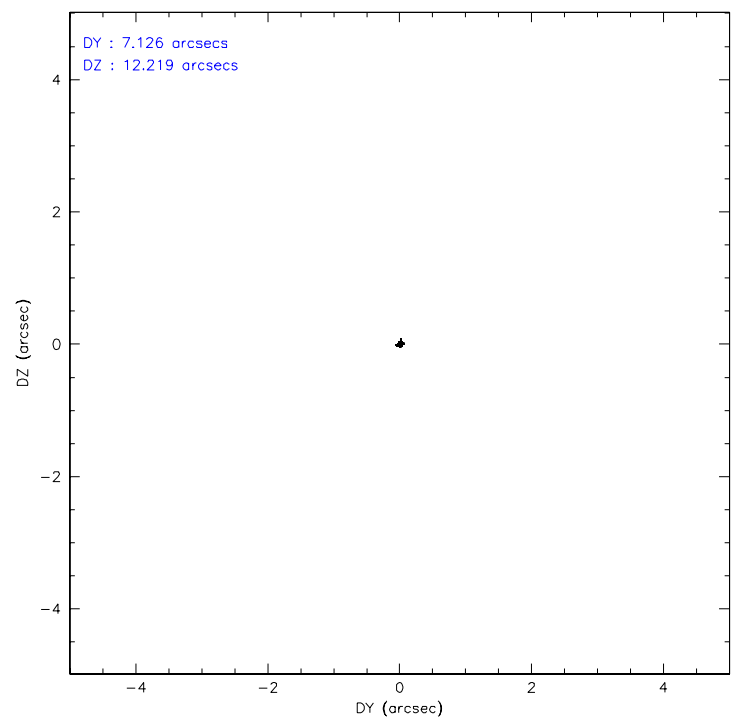
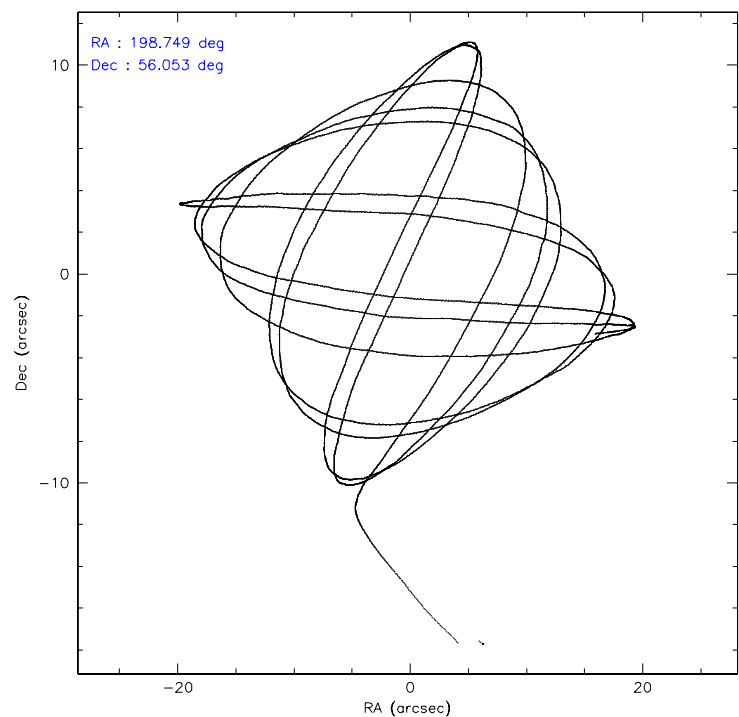
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	35697	31997	34103	31260	20591	40476
rejected events	32884	29353	14621	28205	9987	30544
rejected %	92%	91%	42%	90%	48%	75%

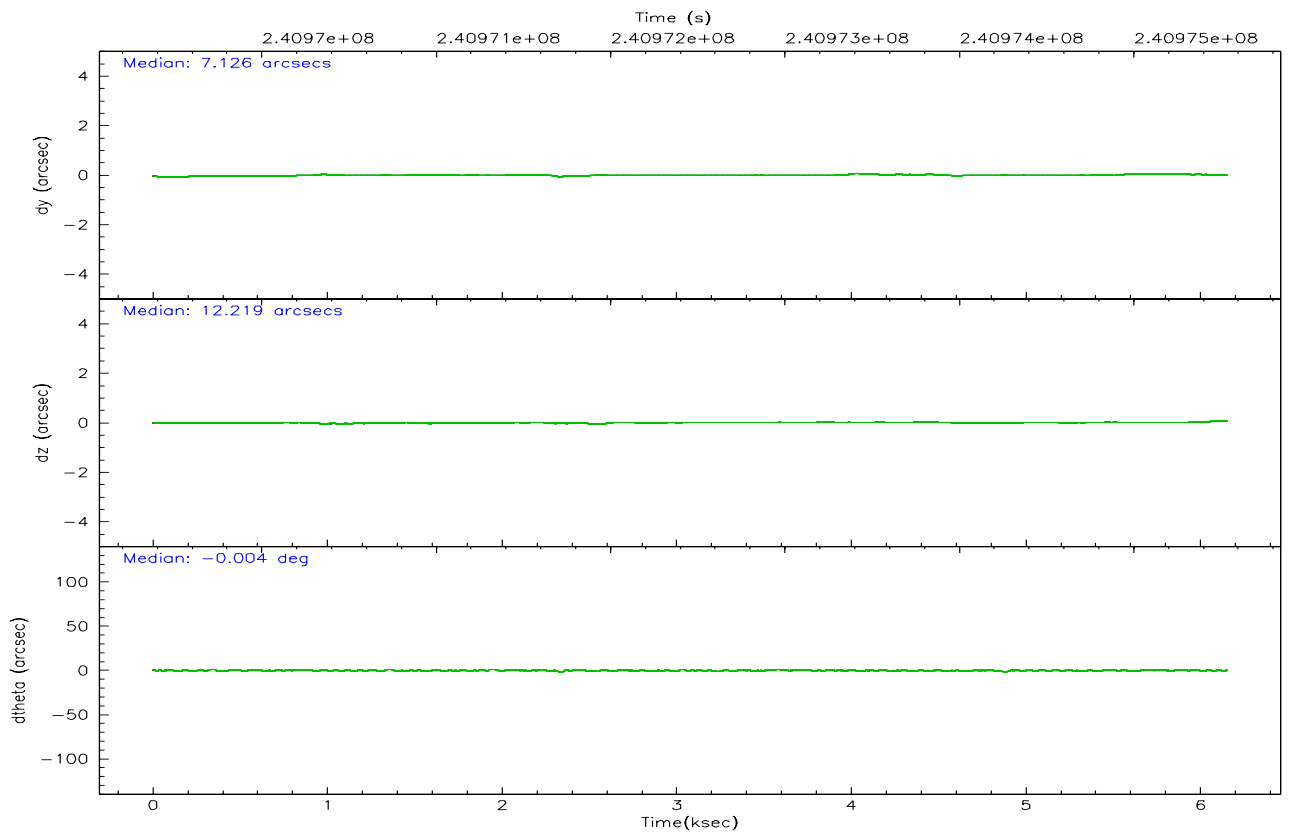
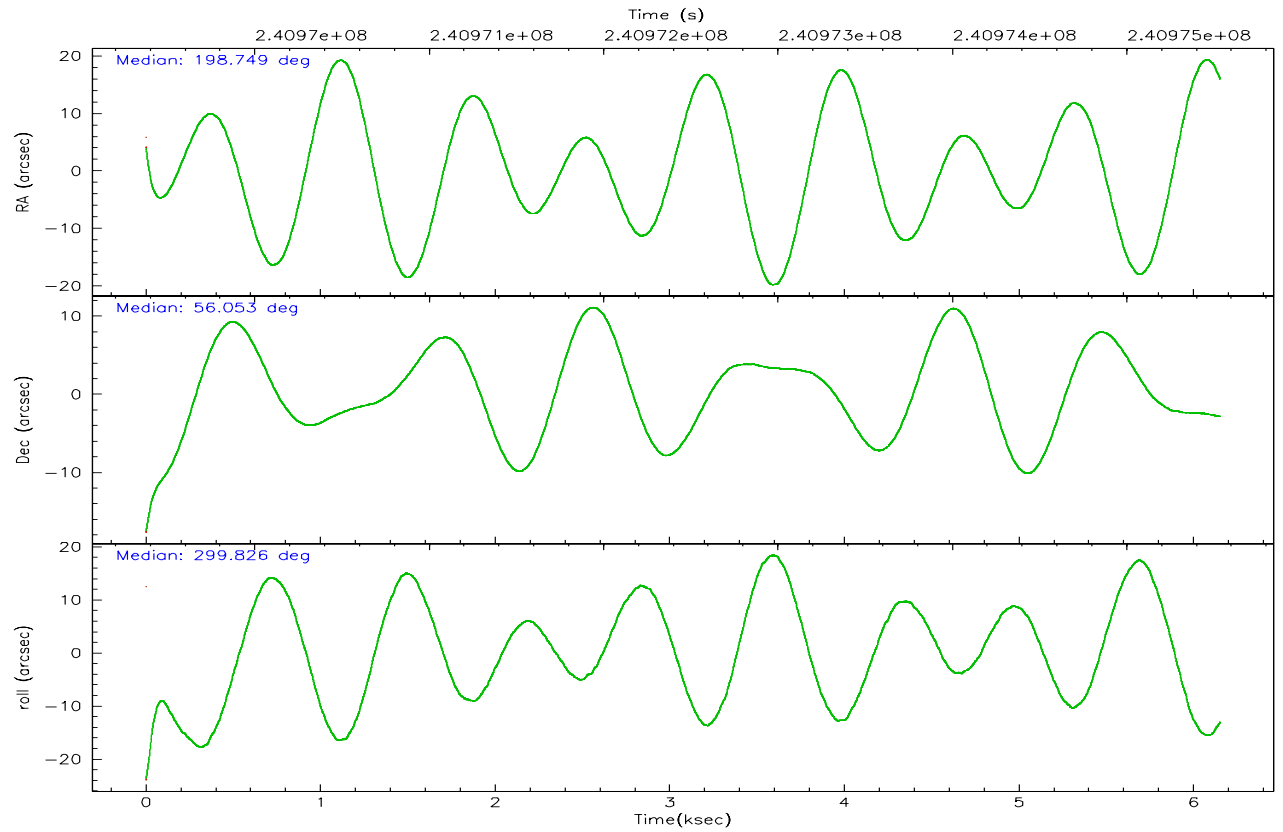
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1182	1142	3545	1272	991	2919
	3%	3%	10%	4%	4%	7%
grade 1 events	20	13	99	15	28	32
	0%	0%	0%	0%	0%	0%
grade 2 events	649	582	6377	674	3129	2351
	1%	1%	18%	2%	15%	5%
grade 3 events	303	312	681	364	827	1241
	0%	0%	1%	1%	4%	3%
grade 4 events	317	286	728	345	792	1131
	0%	0%	2%	1%	3%	2%
grade 5 events	468	680	2174	687	1629	1145
	1%	2%	6%	2%	7%	2%
grade 6 events	407	373	8541	464	5071	2510
	1%	1%	25%	1%	24%	6%
grade 7 events	32351	28609	11958	27439	8124	29147
	90%	89%	35%	87%	39%	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	198.706684	198.7492425268473	Alternating exposures requested	N	N
Pointing Dec	56.065934	56.05252444110367	Primary exposure time	0.000000	3.2
Pointing Roll	299.709879	299.8311829880231			
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	240969528.184000	240968267.54869			
Observation start date	2005-08-20T23:57:44	2005-08-20T23:37:47			
Observation end time	240975528.184000	240976453.71157			
Observation end date	2005-08-21T01:37:44	2005-08-21T01:54:13			
Read mode	TIMED	TIMED			

2.3 Aspect



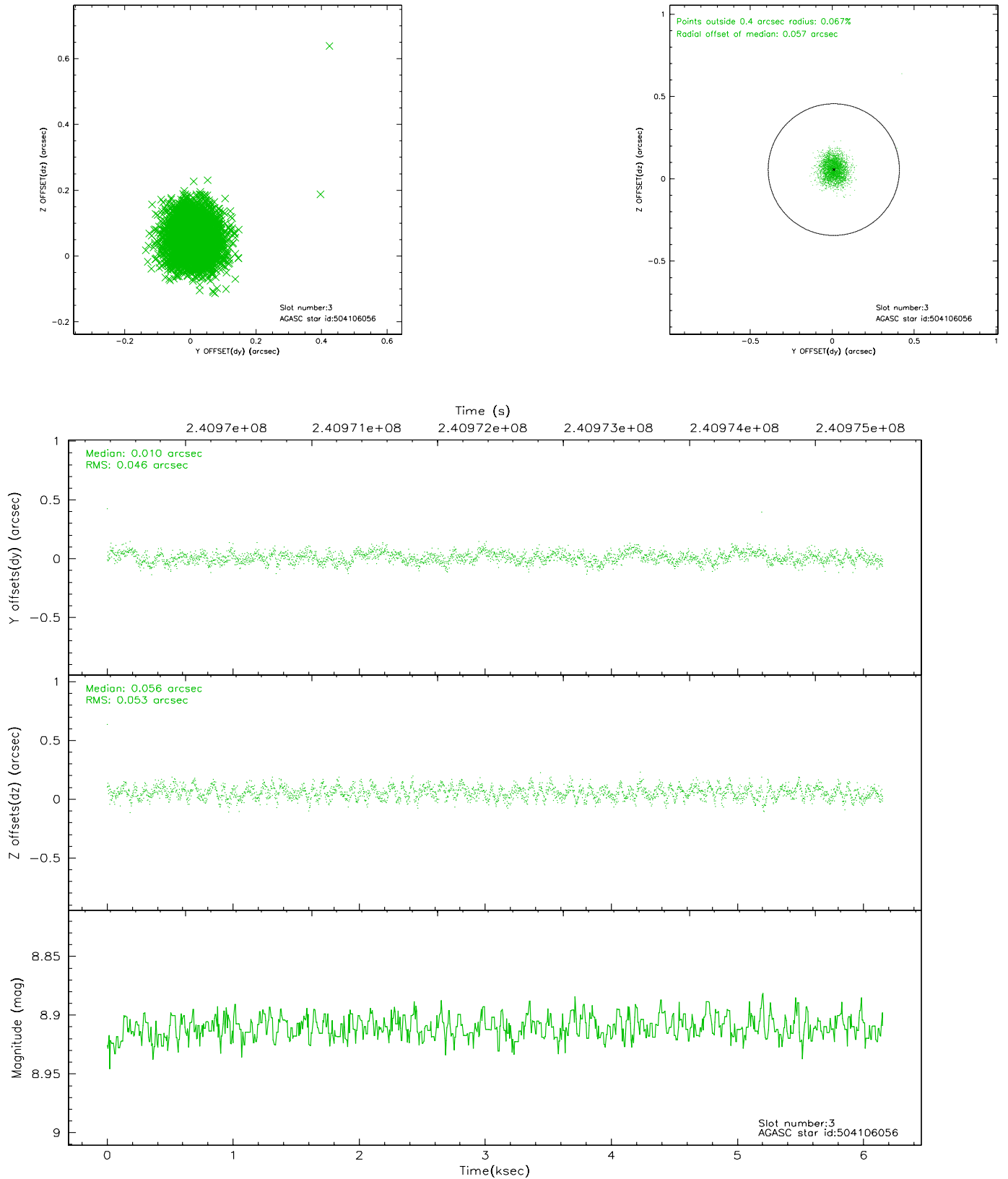


Slot Statistics

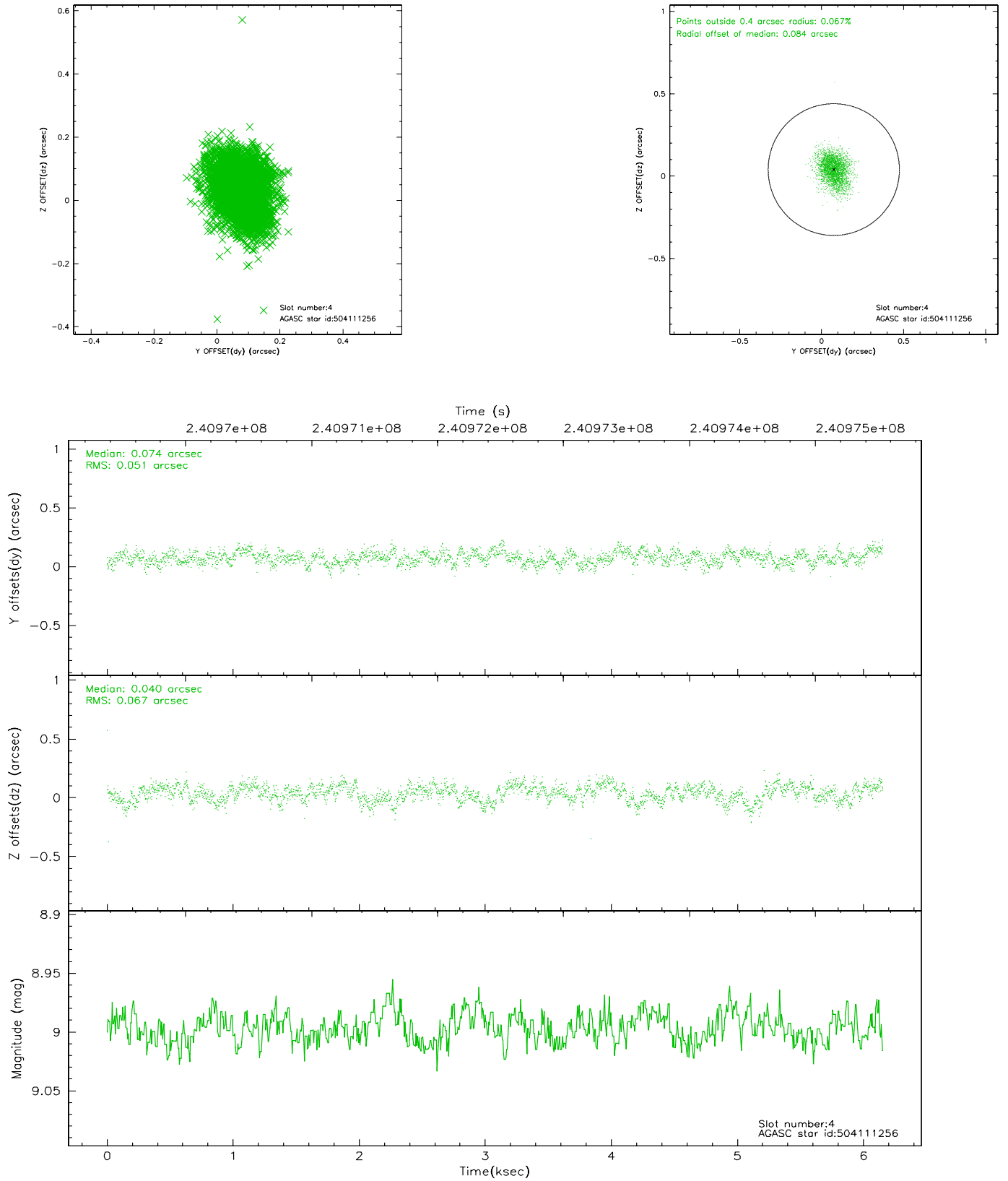
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1501	-0.011	-0.007	0.006	0.010	0.000000	0.000000	-759.90	-1733.53
1	FID	ACIS-S-4	7.20	1500	0.028	0.007	0.005	0.008	0.000000	0.000000	2152.99	173.96
2	FID	ACIS-S-5	7.23	1501	-0.048	0.009	0.006	0.011	0.000000	0.000000	-1811.54	168.74
3	GUIDE	504106056	8.91	3001	0.010	0.056	0.074	0.116	197.917232	55.926583	-361.08	-1626.95
4	GUIDE	504111256	9.00	2995	0.074	0.040	0.088	0.144	199.426283	56.400609	-342.85	1845.59
5	GUIDE	504112592	9.41	2999	0.111	-0.071	0.090	0.152	199.067370	55.838193	1071.01	228.46
6	GUIDE	505021576	9.27	2998	-0.047	0.005	0.096	0.149	200.004199	55.821901	2042.15	1856.12
7	GUIDE	504110312	6.91	3001	-0.149	-0.026	0.066	0.098	198.404207	56.708267	-2305.03	628.49

2.4 Star Slots

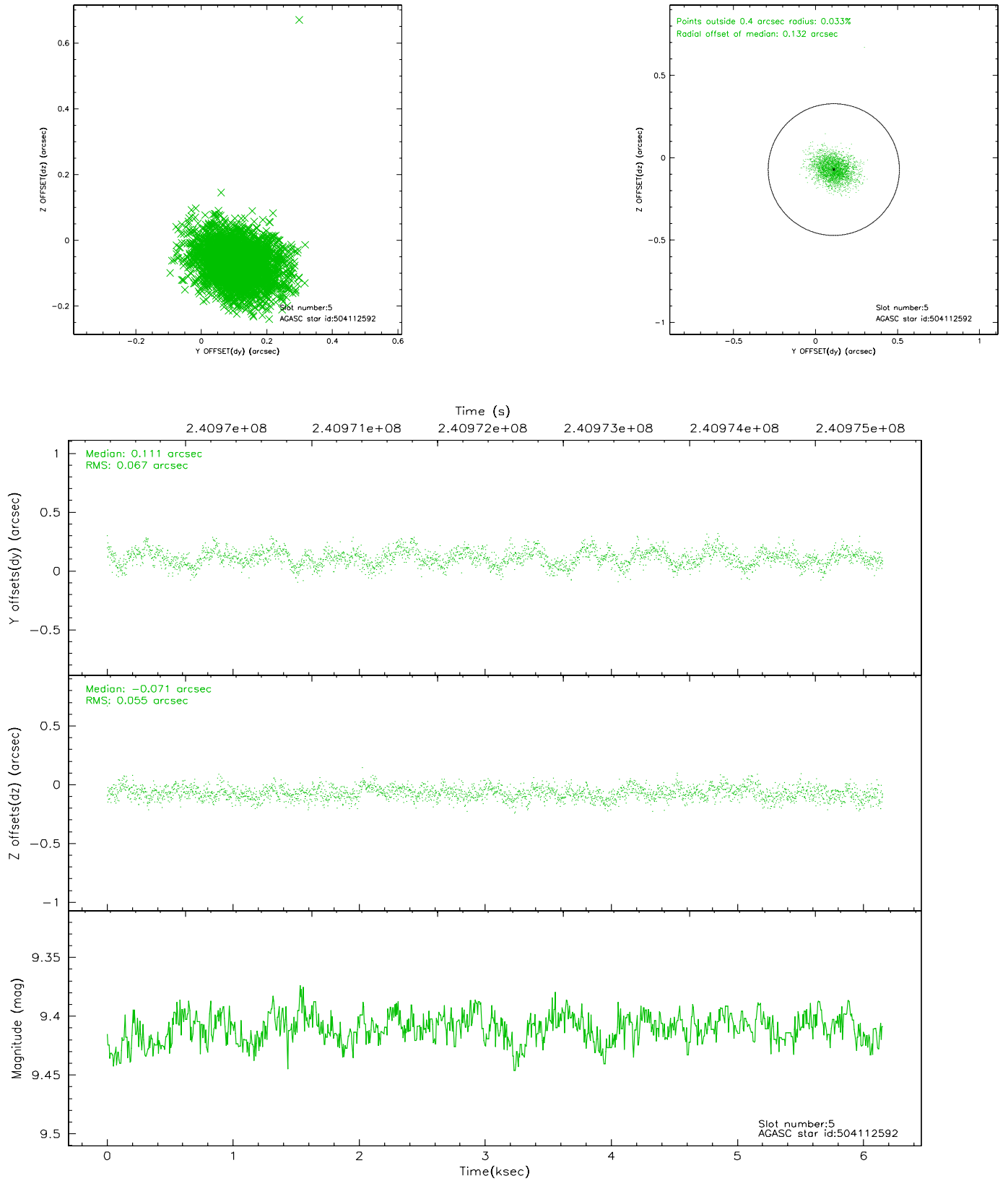
2.4.1 Slot 3



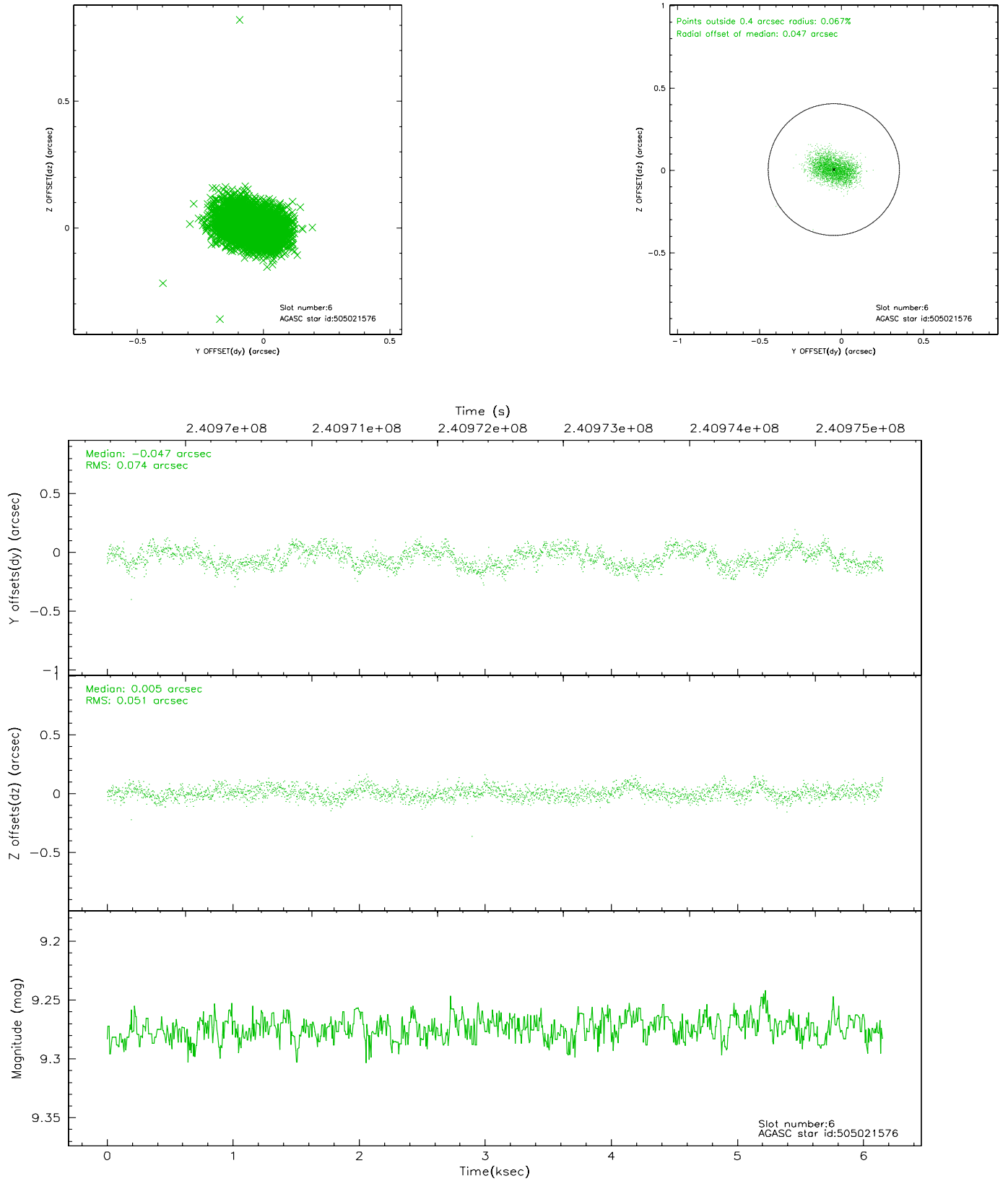
2.4.2 Slot 4



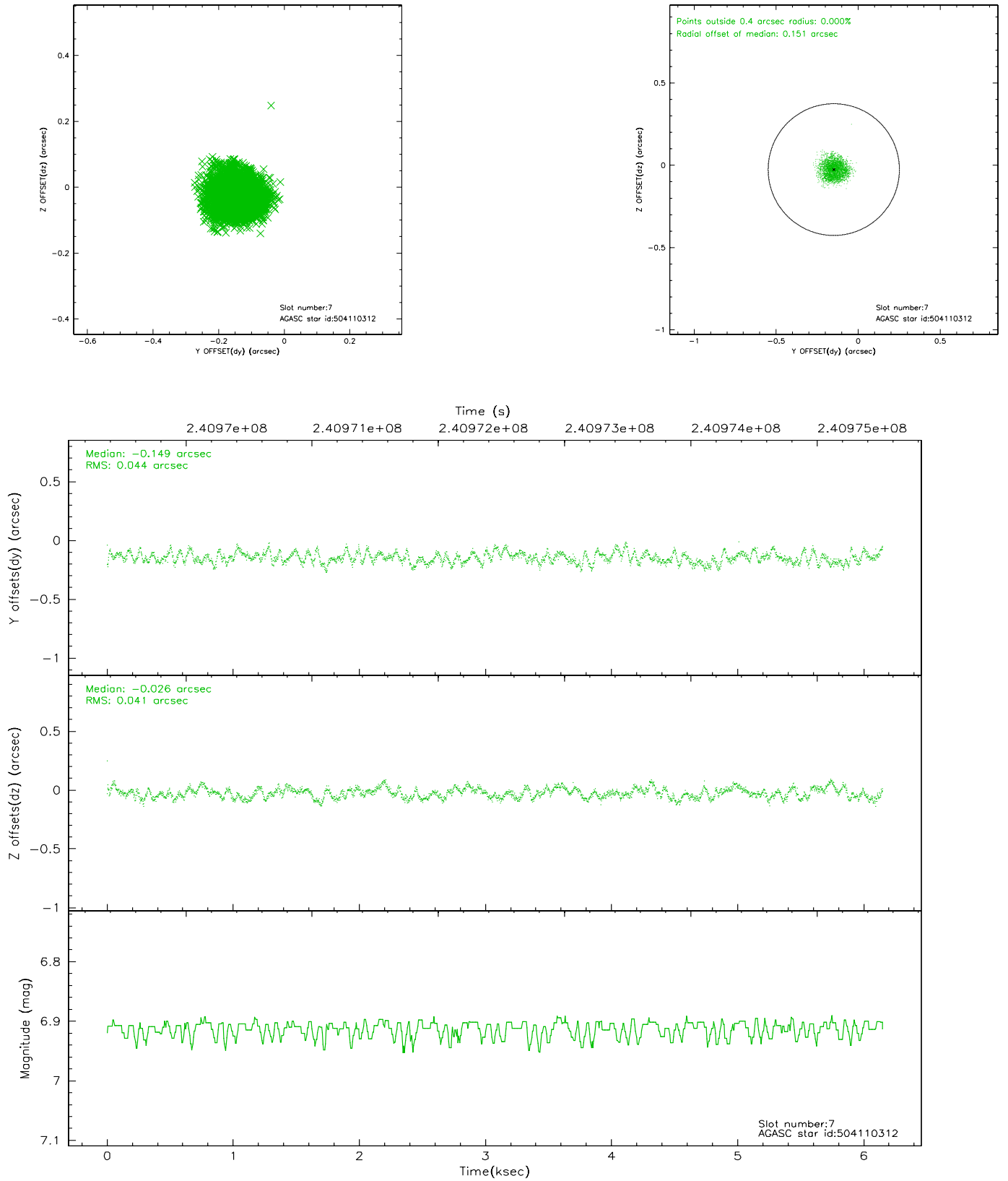
2.4.3 Slot 5



2.4.4 Slot 6

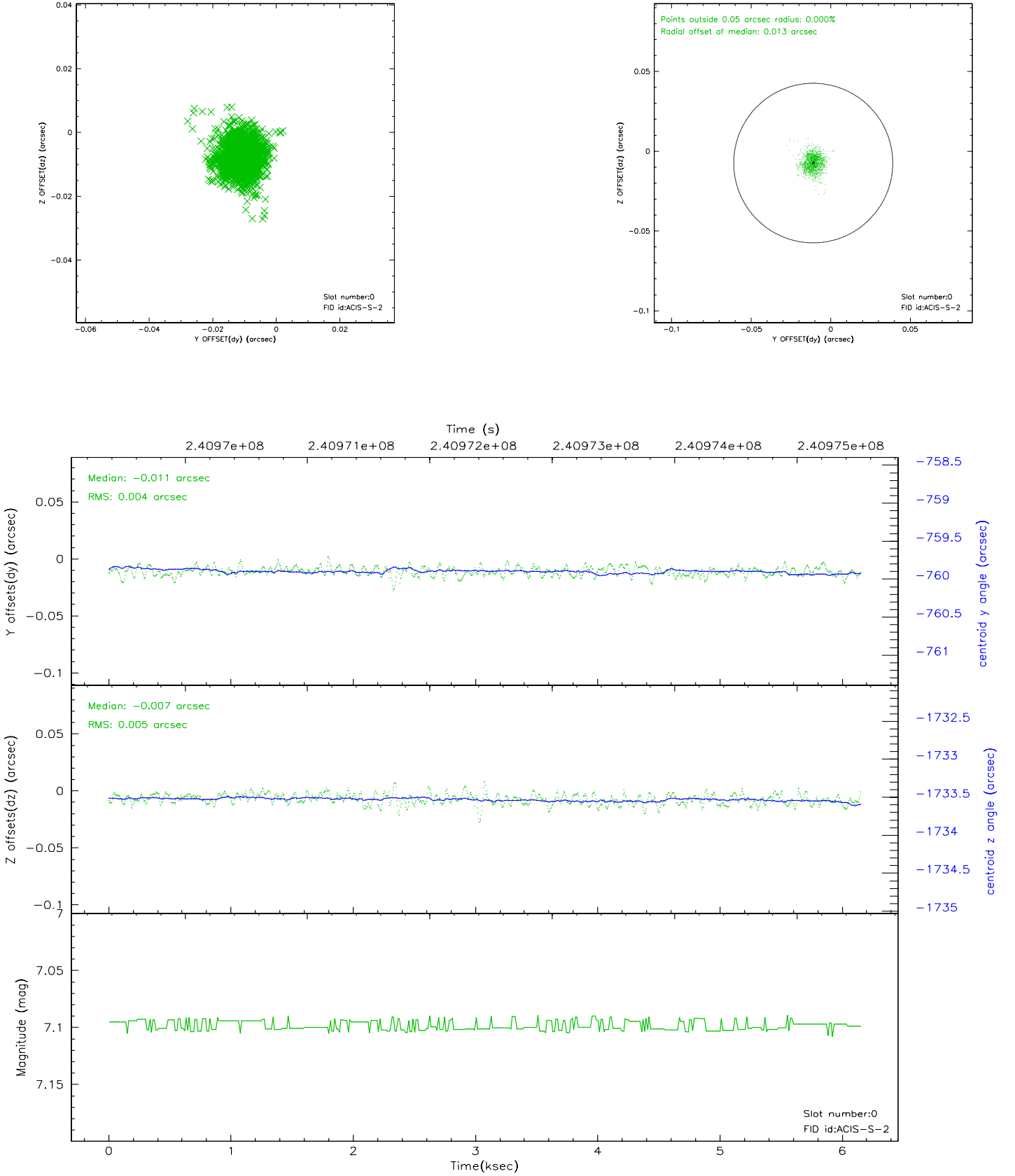


2.4.5 Slot 7

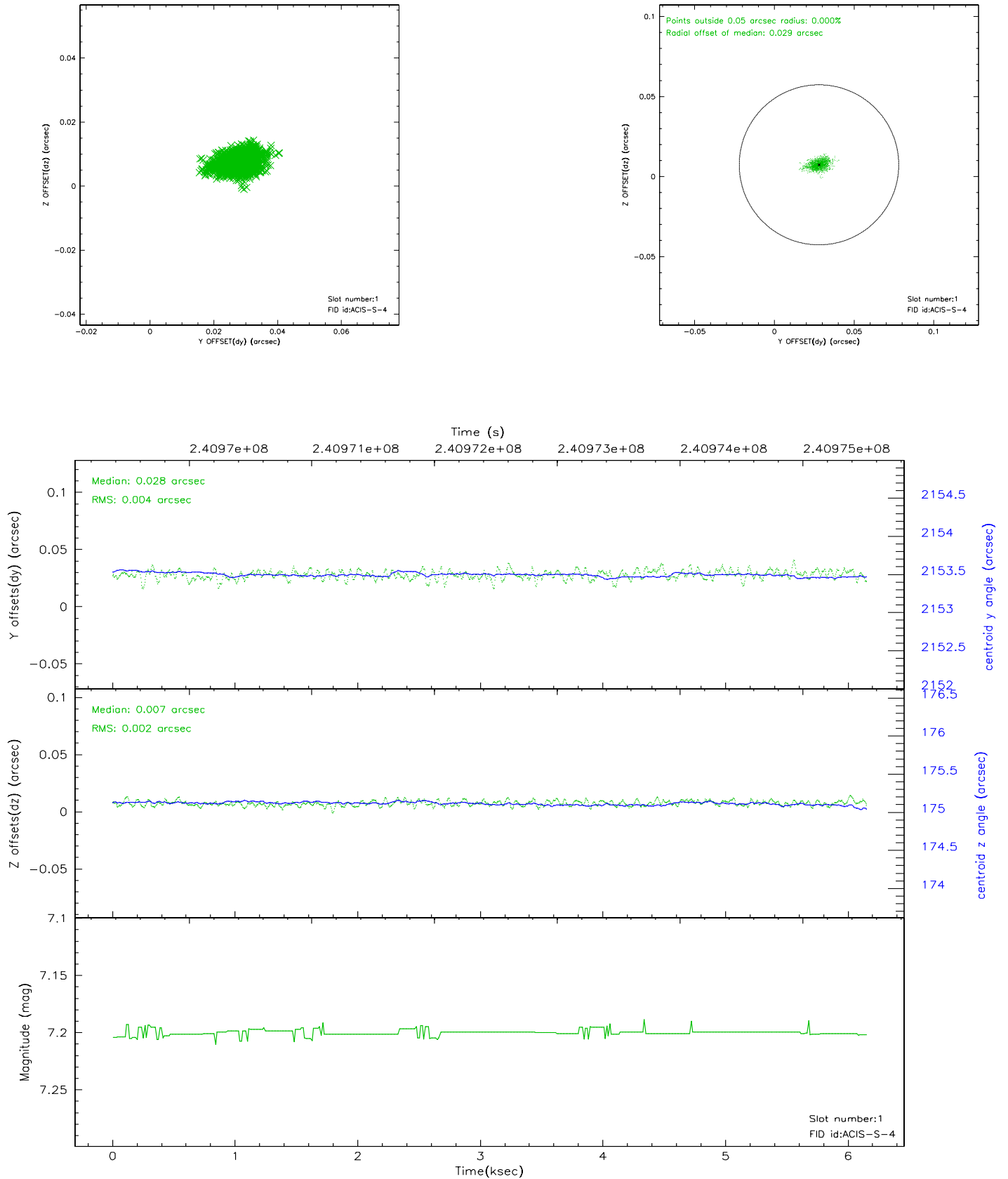


2.5 FID Slots

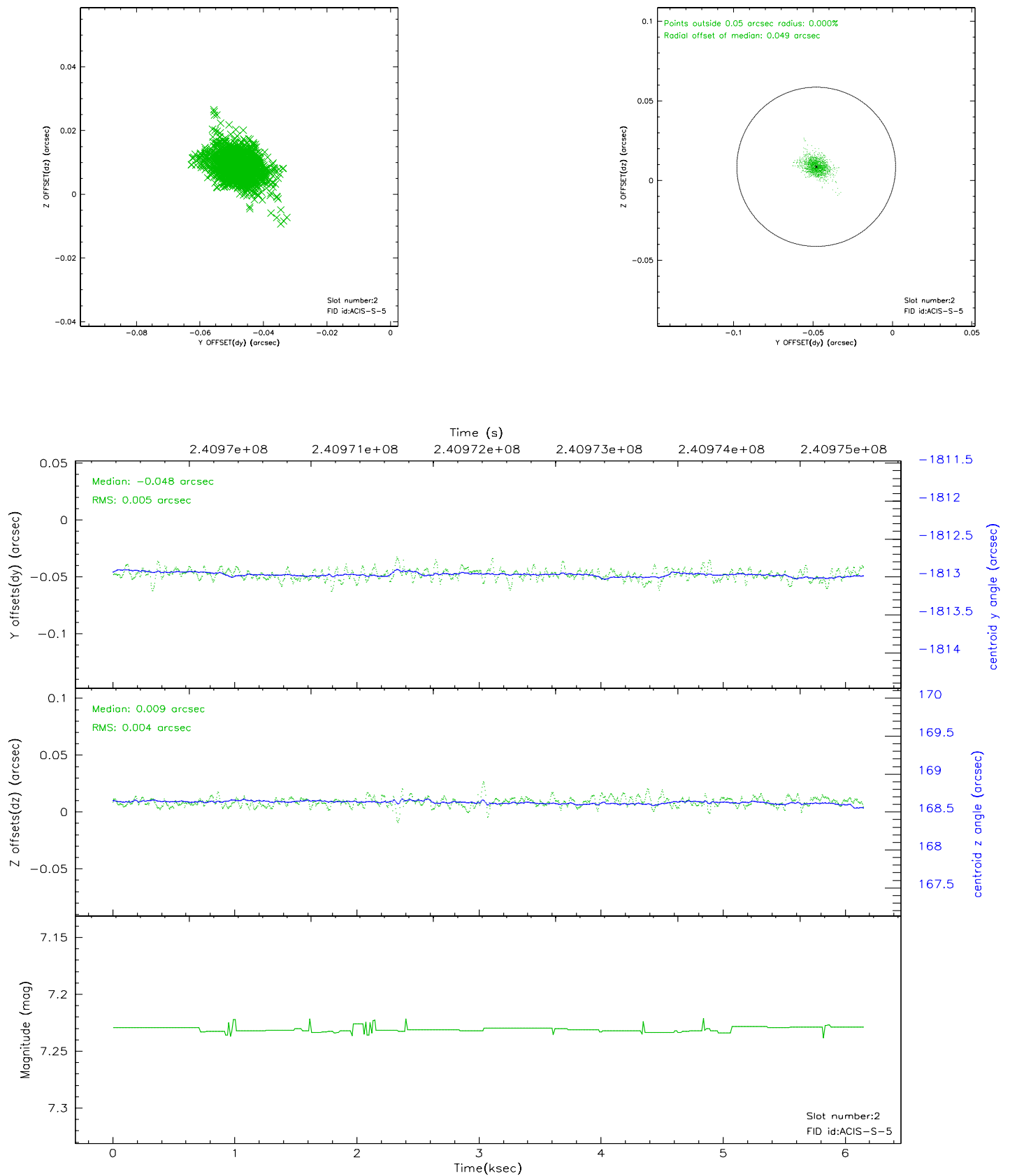
2.5.1 Slot 0



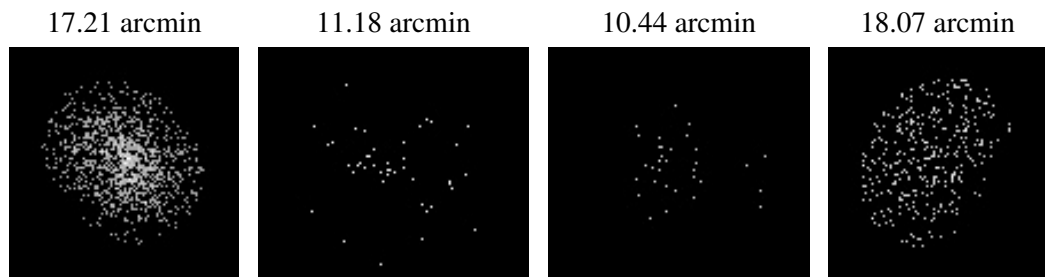
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.143999

A.2 Comments