

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1615 - L2 Version 001
Chandra X-Ray Center

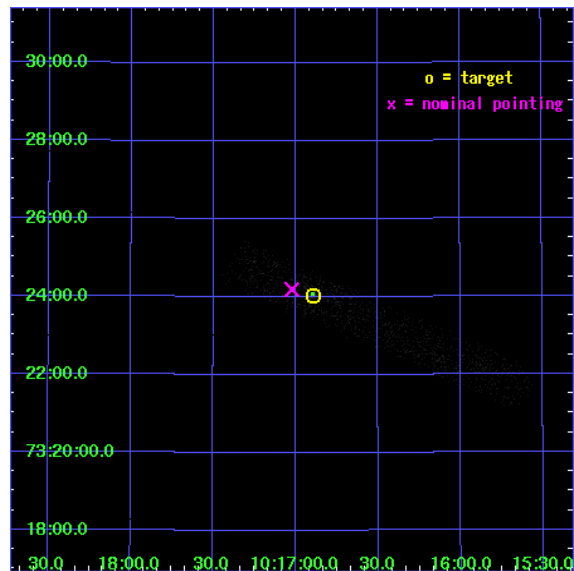
L2 Processing Date : Jan 3 2007

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

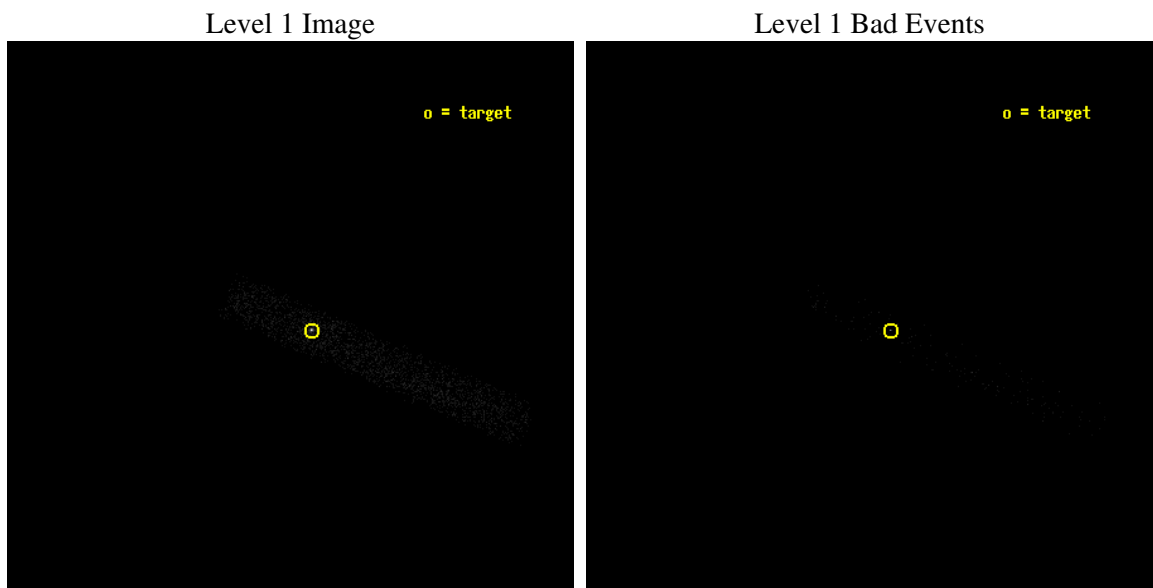
seq_num	700231
obs_id	1615
title	STUDIES OF RADIO JETS AND THE NARROW LINE REGIONS OF ACTIVE GALAXIES
observer	Prof. Andrew Wilson
object	NGC3147
dtcycle	0
cycle	P
ra_targ	154.223333
dec_targ	73.40075
ra_nom	154.25586029905
dec_nom	73.403045405031
roll_nom	23.385528391437
revision	2
ontime	2428.400036186
livetime	2202.4306513568
ontime7	2428.400036186
l2events	2545



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2007-01-03T14:29:22
revision	2

sched_exp_time	2025.000000
ontime	2872.4547932148
ontime7	2872.4547932148
l1events	4623

2.1.4 Events

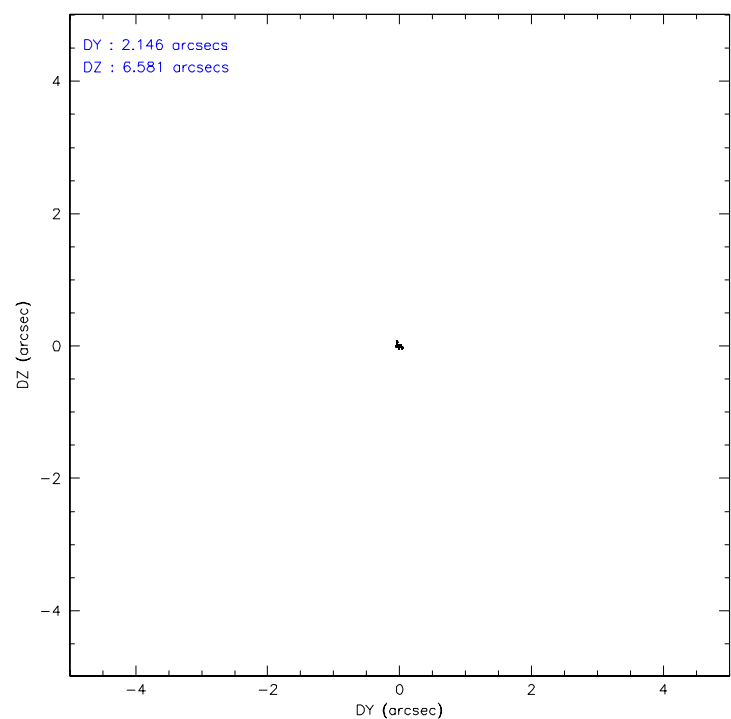
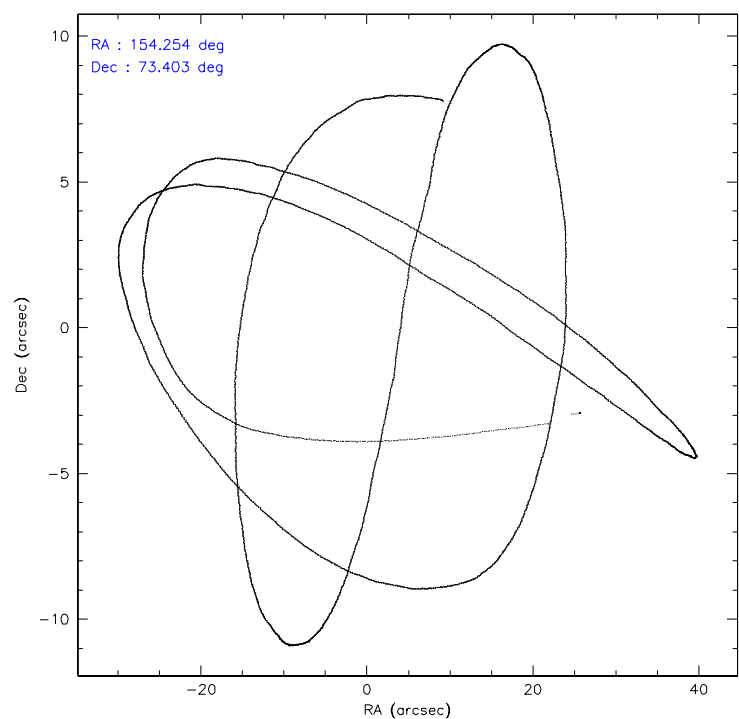
	ccd 7
level 1 events	4623
rejected events	2031
rejected %	43%

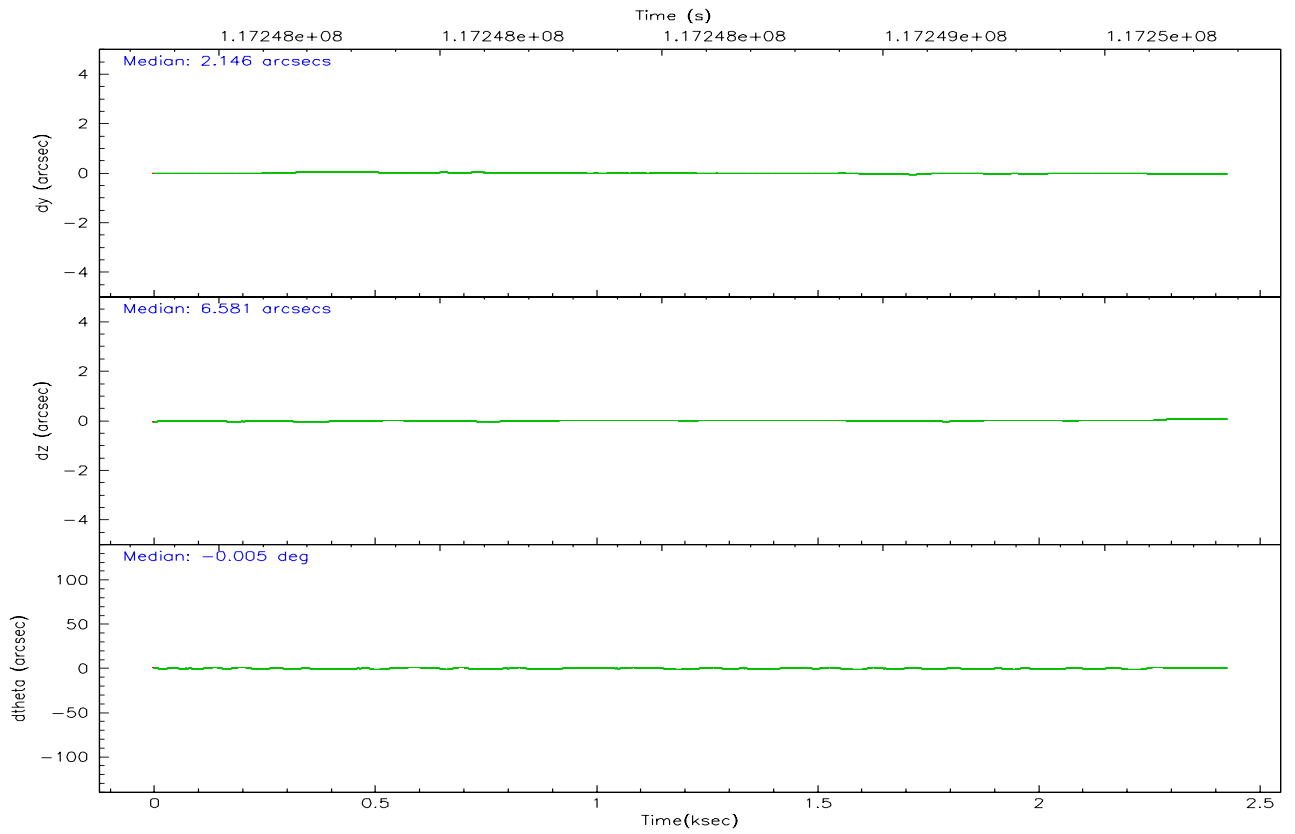
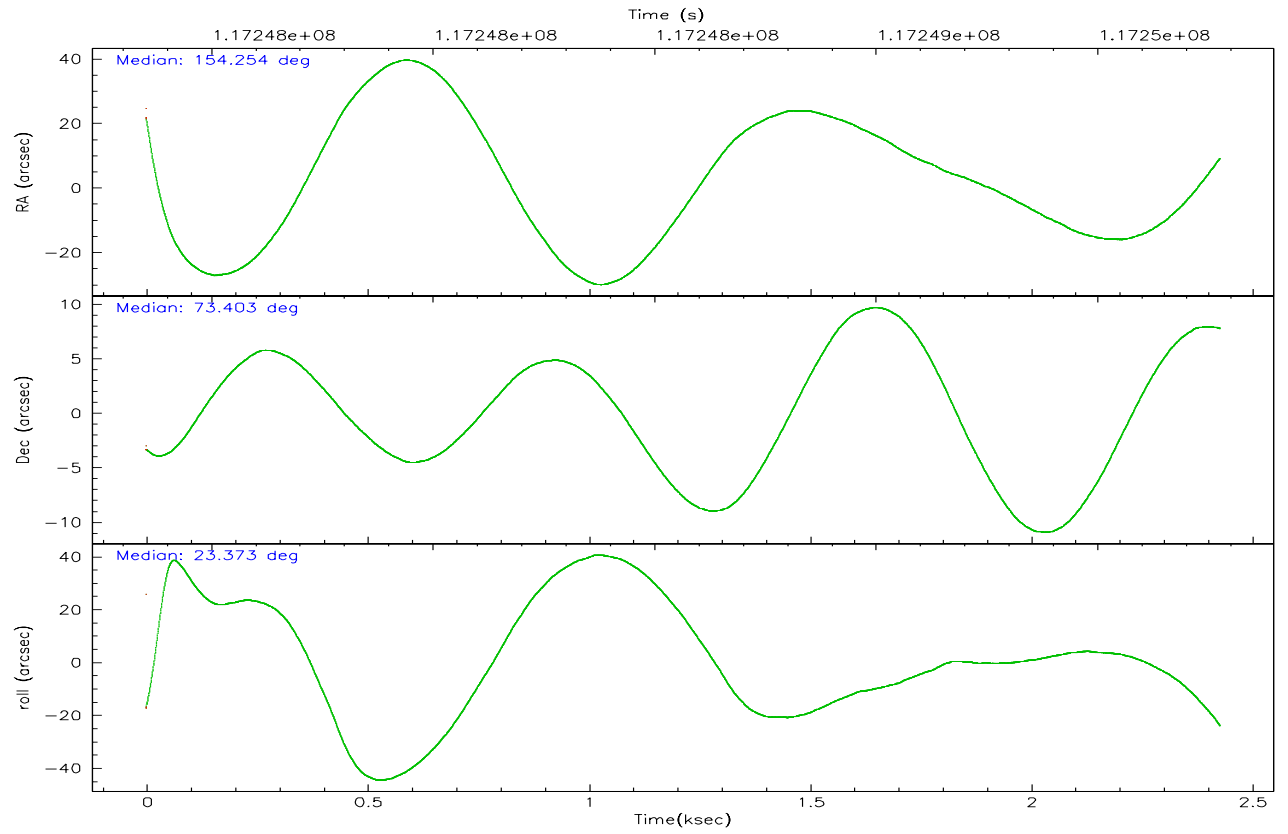
	ccd 7
grade 0 events	589
	12%
grade 1 events	13
	0%
grade 2 events	650
	14%
grade 3 events	313
	6%
grade 4 events	300
	6%
grade 5 events	252
	5%
grade 6 events	1029
	22%
grade 7 events	1477
	31%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	154.200540	154.2558602990538	Subarray requested	CUSTOM	1/8
Pointing Dec	73.380891	73.40304540503135	Subarray start row	447	447
Pointing Roll	23.281827	23.38552839143668	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	117247754.184000	117246665.82869			
Observation start date	2001-09-19T00:48:10	2001-09-19T00:31:05			
Observation end time	117249779.184000	117250705.35385			
Observation end date	2001-09-19T01:21:55	2001-09-19T01:38:25			
Read mode	TIMED	TIMED			

2.3 Aspect



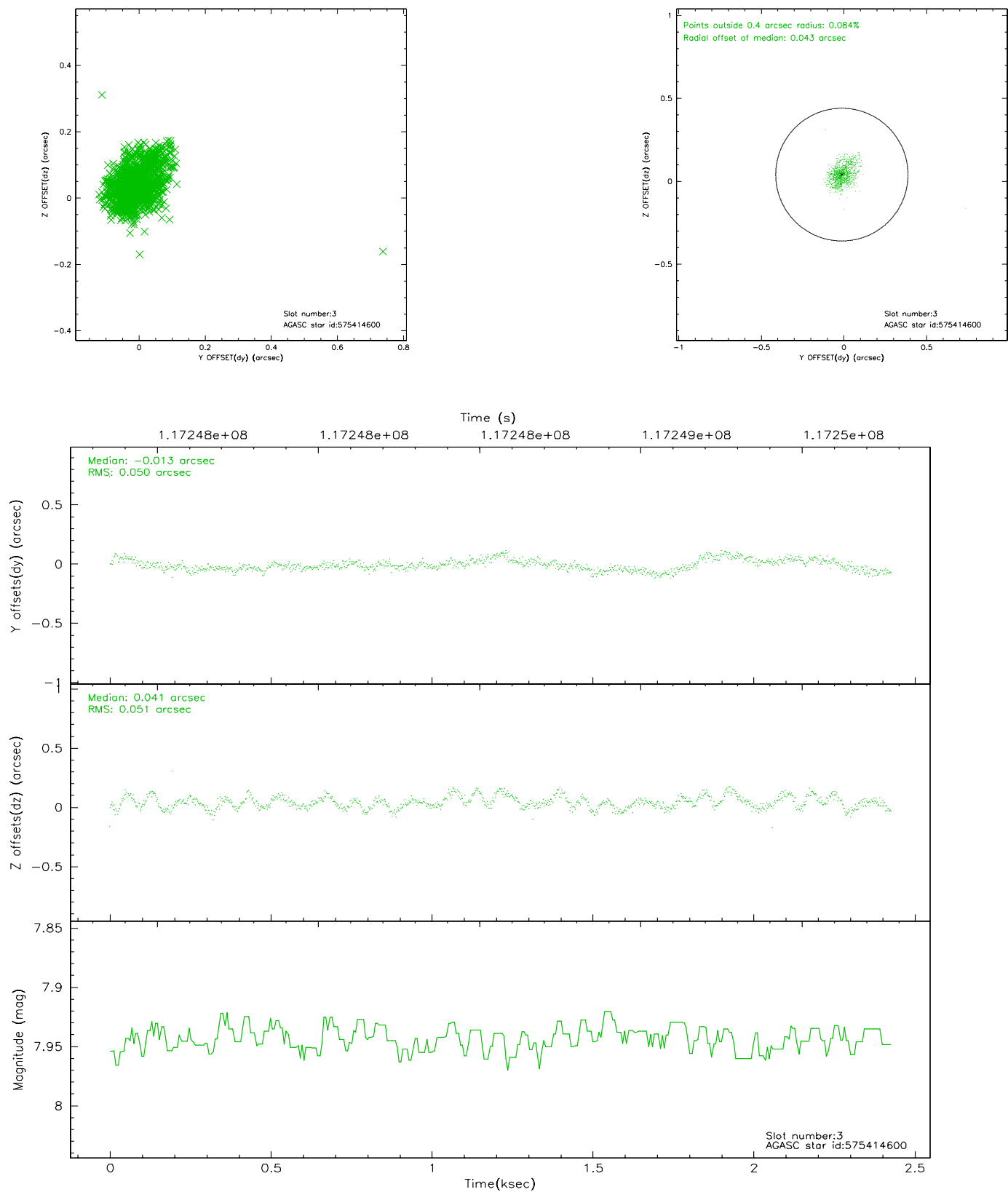


Slot Statistics

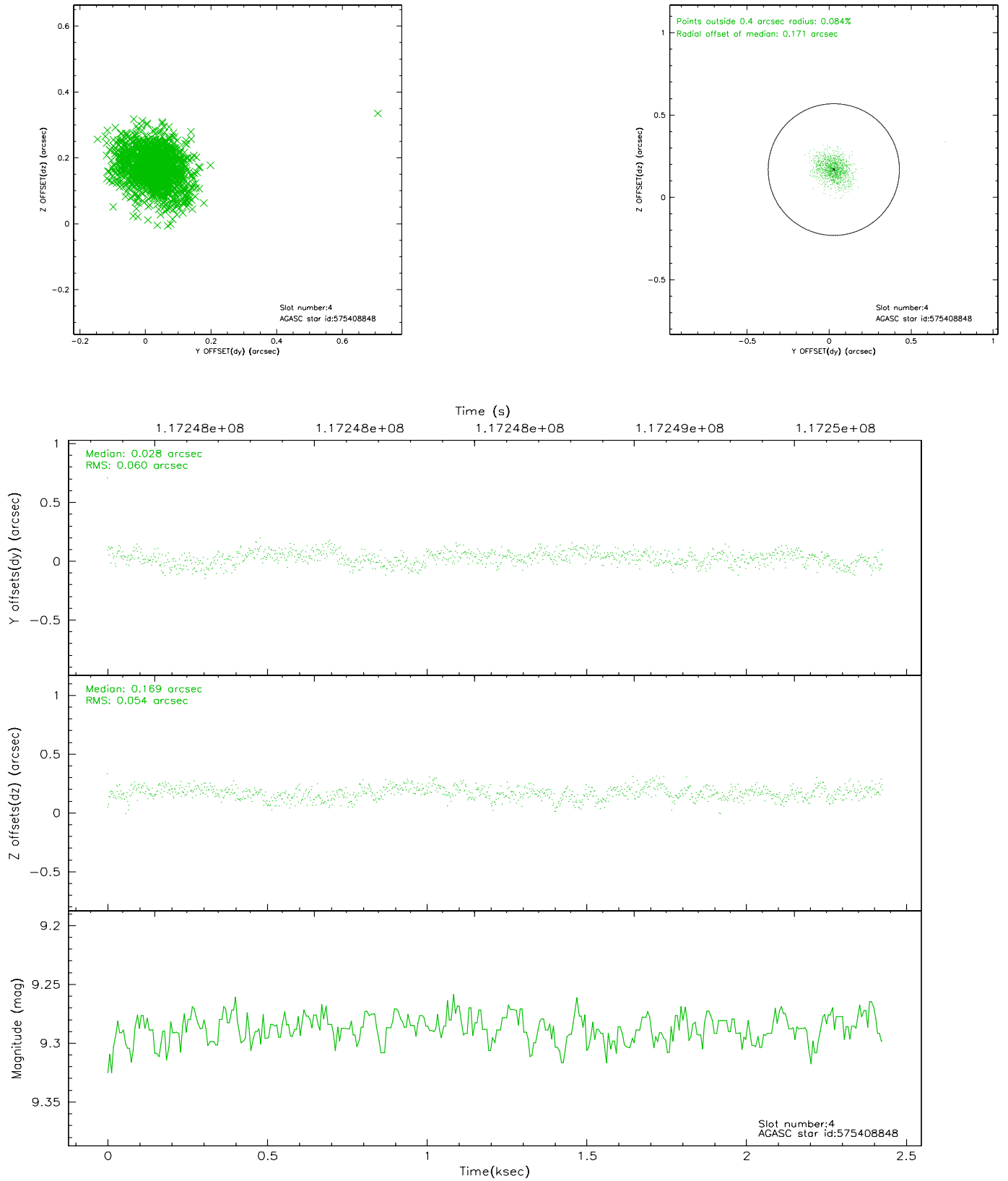
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	593	-0.016	0.029	0.006	0.012	0.000000	0.000000	-754.75	-1727.72
1	FID	ACIS-S-4	7.20	593	-0.090	-0.000	0.005	0.007	0.000000	0.000000	2157.22	178.02
2	FID	ACIS-S-5	7.23	593	0.075	-0.020	0.006	0.011	0.000000	0.000000	-1804.10	174.66
3	GUIDE	575414600	7.94	1186	-0.013	0.041	0.074	0.117	153.504522	72.977948	-1242.89	-1038.81
4	GUIDE	575408848	9.29	1186	0.028	0.169	0.084	0.136	156.135532	73.488821	1985.85	-396.20
5	GUIDE	575407416	10.40	1151	0.019	-0.103	0.148	0.234	155.816026	73.719189	1991.63	494.67
6	GUIDE	575410080	6.81	1186	-0.027	0.016	0.067	0.103	154.504461	73.073517	-140.33	-1141.18
7	GUIDE	575411920	10.18	1183	-0.011	-0.130	0.117	0.189	154.341769	73.549144	373.81	498.72

2.4 Star Slots

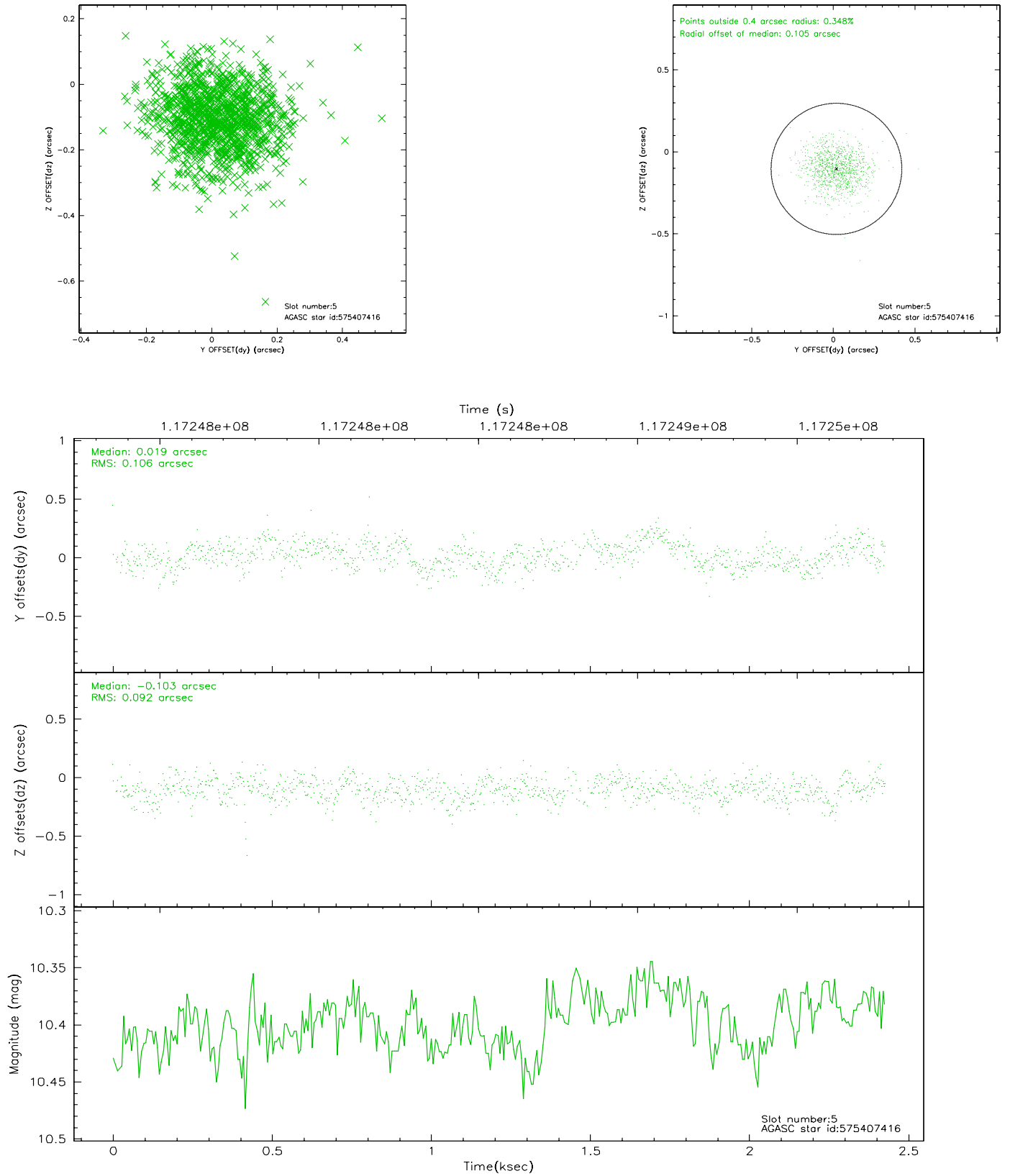
2.4.1 Slot 3



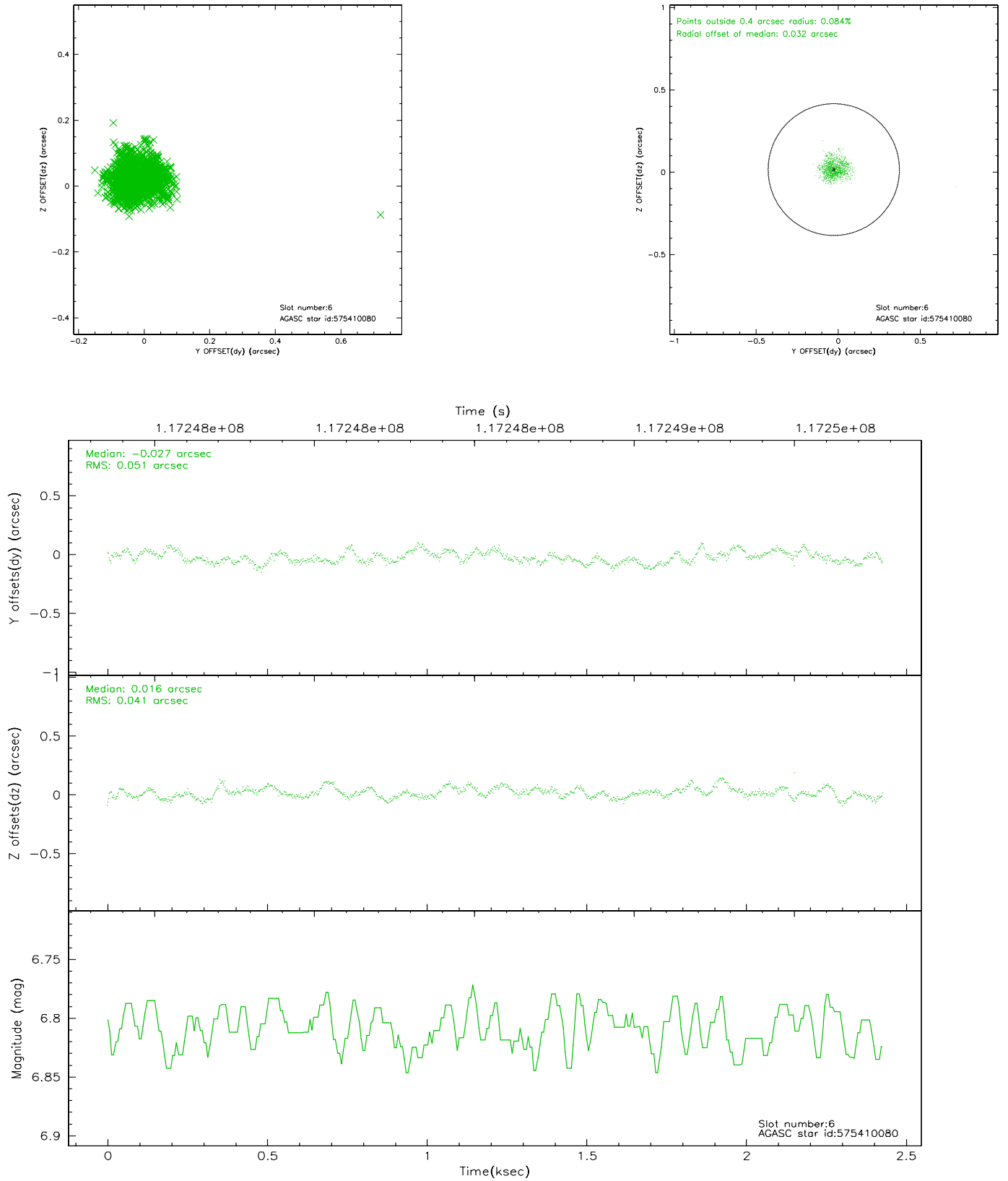
2.4.2 Slot 4



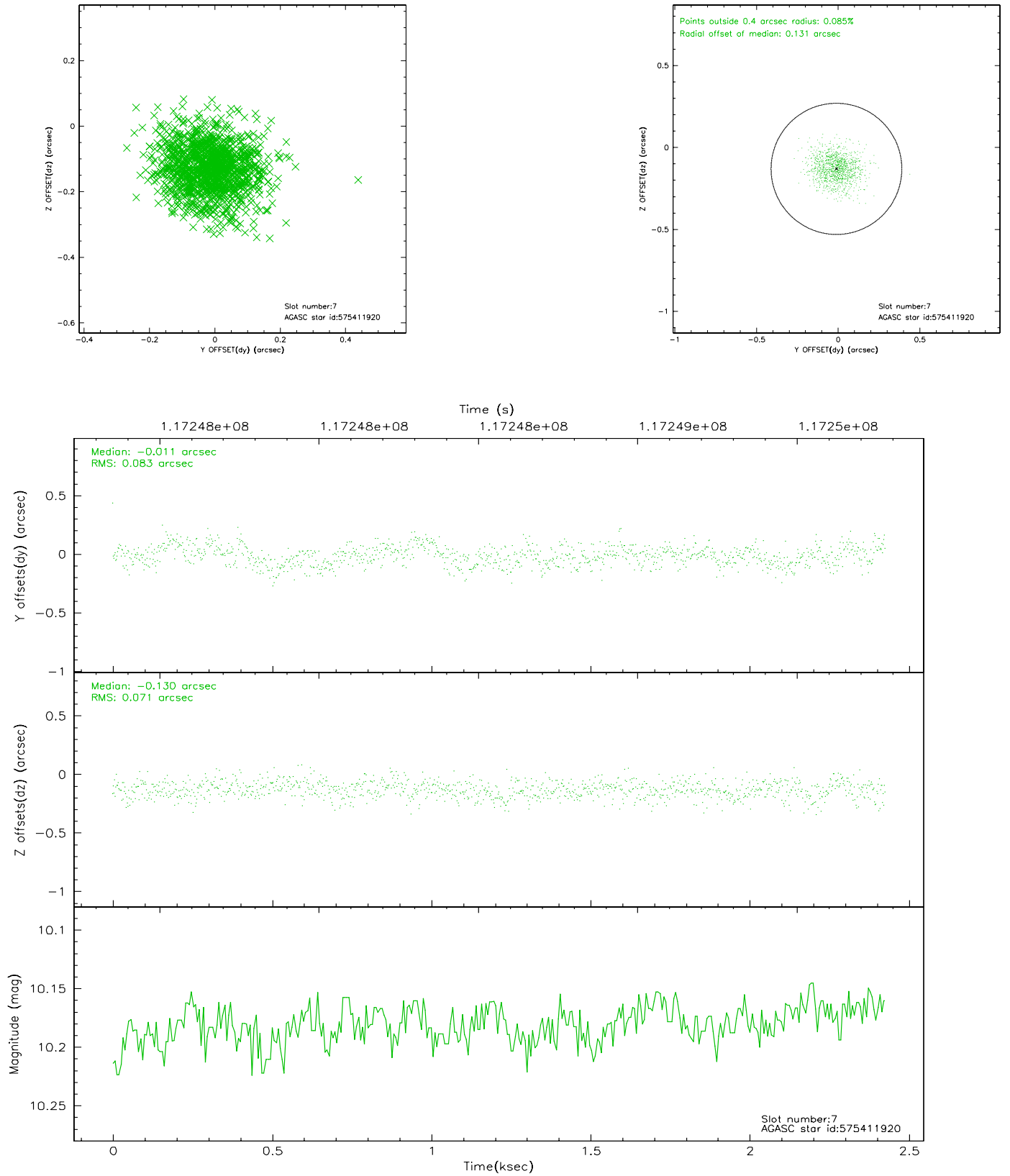
2.4.3 Slot 5



2.4.4 Slot 6

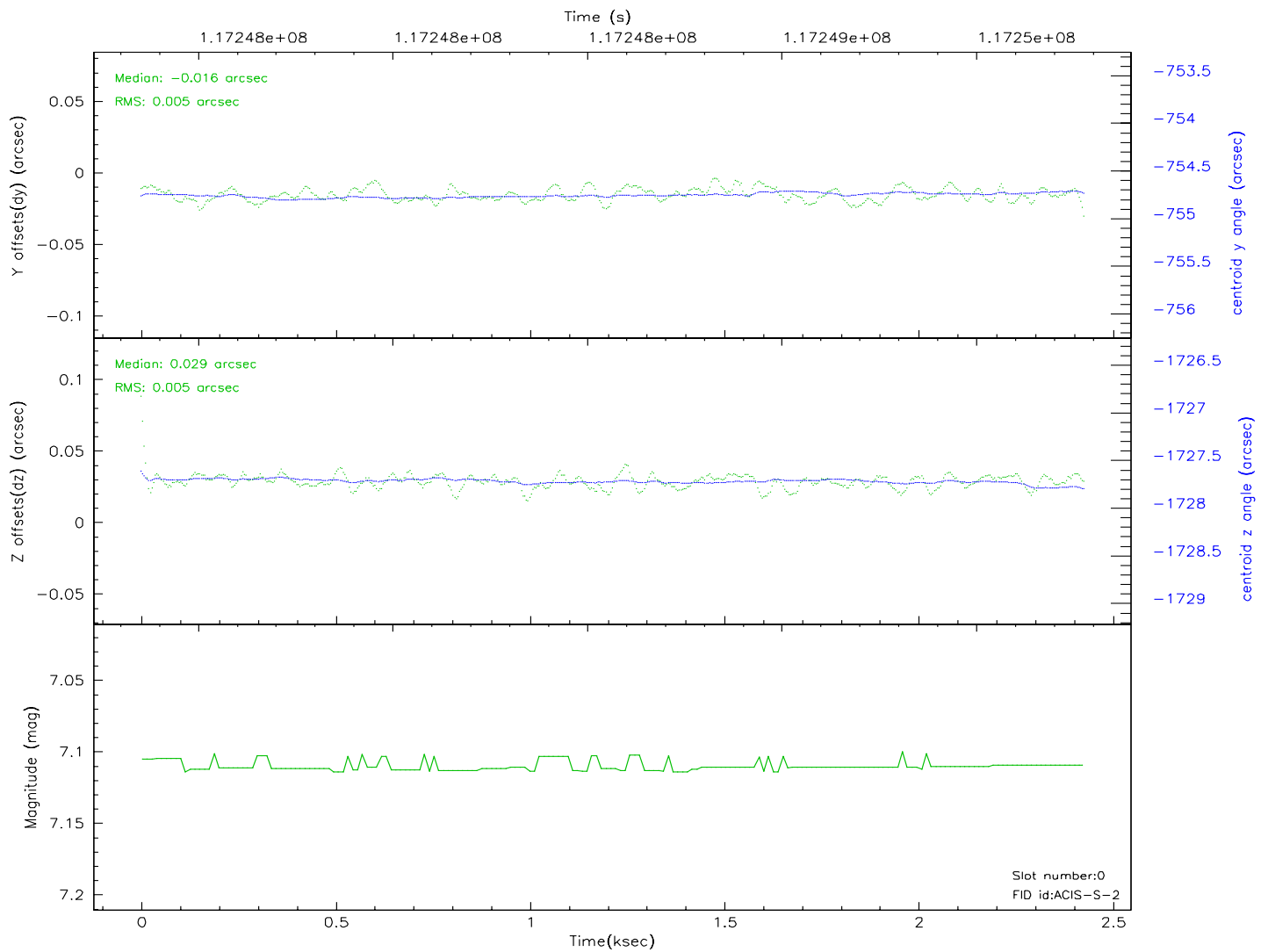
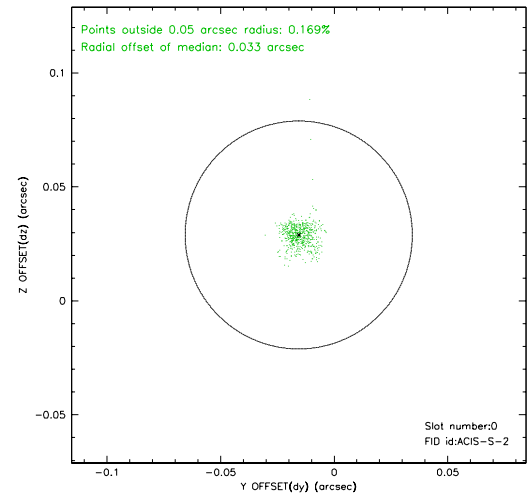
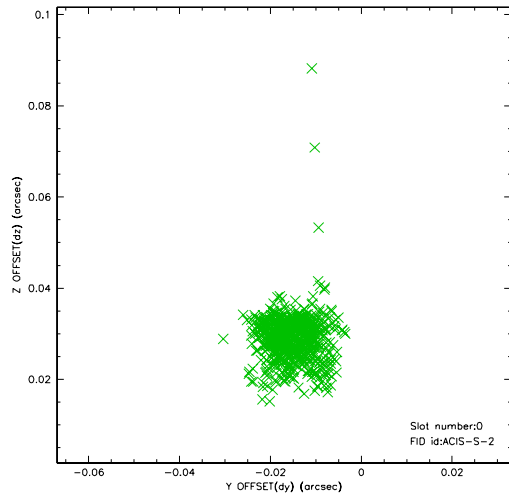


2.4.5 Slot 7

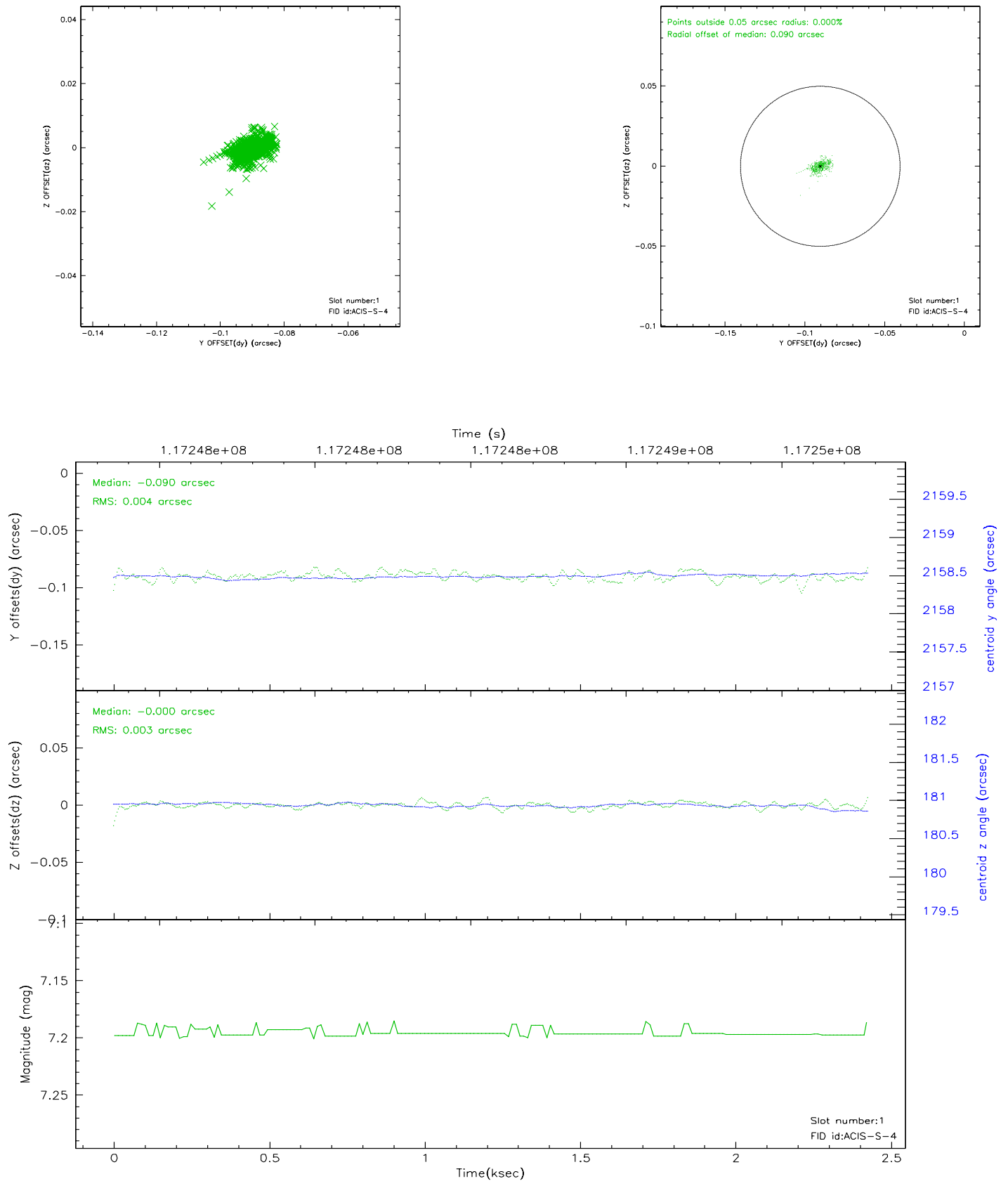


2.5 FID Slots

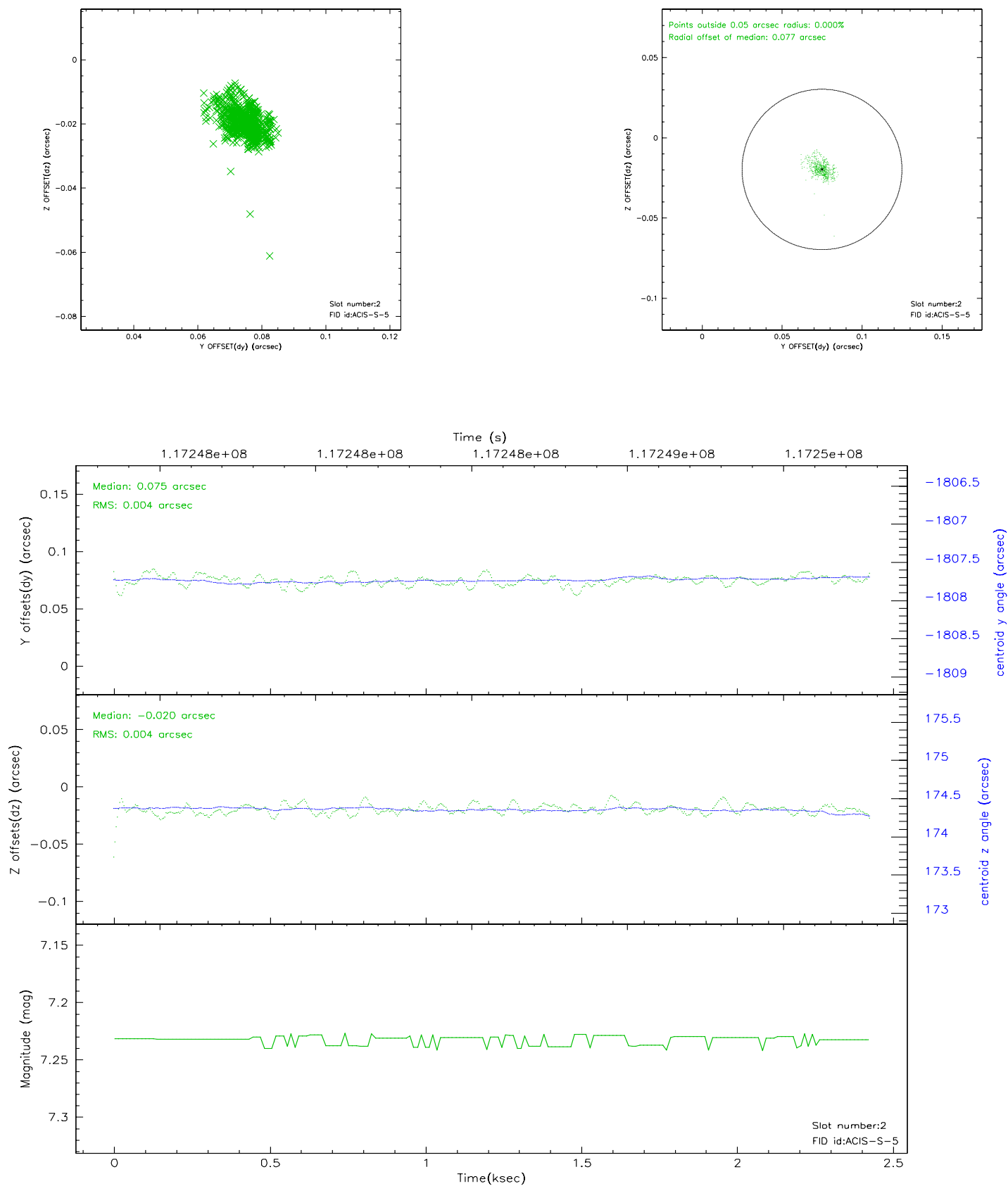
2.5.1 Slot 0



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)	2007.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.428

A.2 Comments