

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 4058 - L2 Version 001
Chandra X-Ray Center

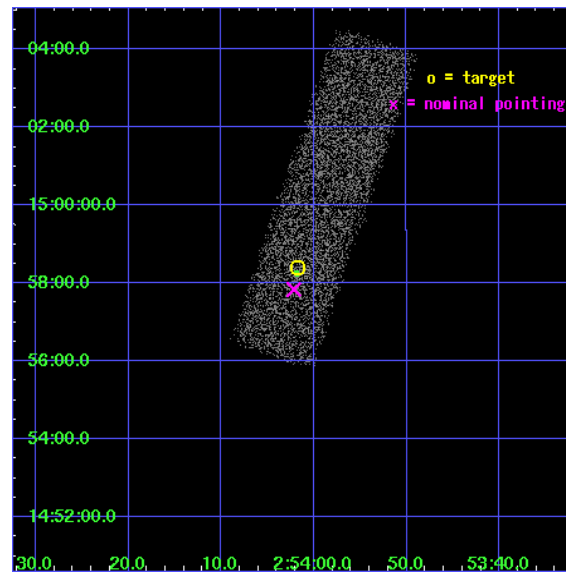
L2 Processing Date : Oct 15 2006

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

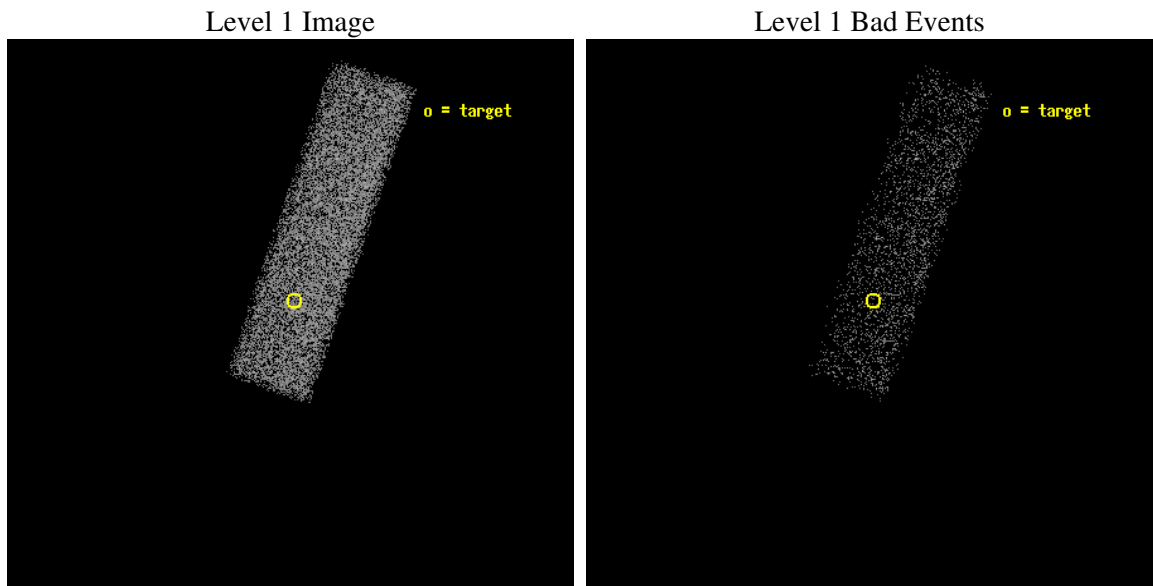
seq_num	700737
obs_id	4058
title	ELUSIVE ACTIVE GALACTIC NUCLEI IN STARBURST GALAXIES
observer	DR. ROBERTO MAIOLINO
object	UGC2369
dtcycle	0
cycle	P
ra_targ	43.5075
dec_targ	14.973611
ra_nom	43.509045423094
dec_nom	14.964028211244
roll_nom	289.07033702516
revision	2
ontime	10179.200151682
livetime	9682.4884920403
ontime7	10179.200151682
l2events	8744



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	3.2.3
date	2006-10-15T02:27:56
revision	2

sched_exp_time	10000.000000
ontime	10843.40403232
ontime7	10843.40403232
l1events	22474

2.1.4 Events

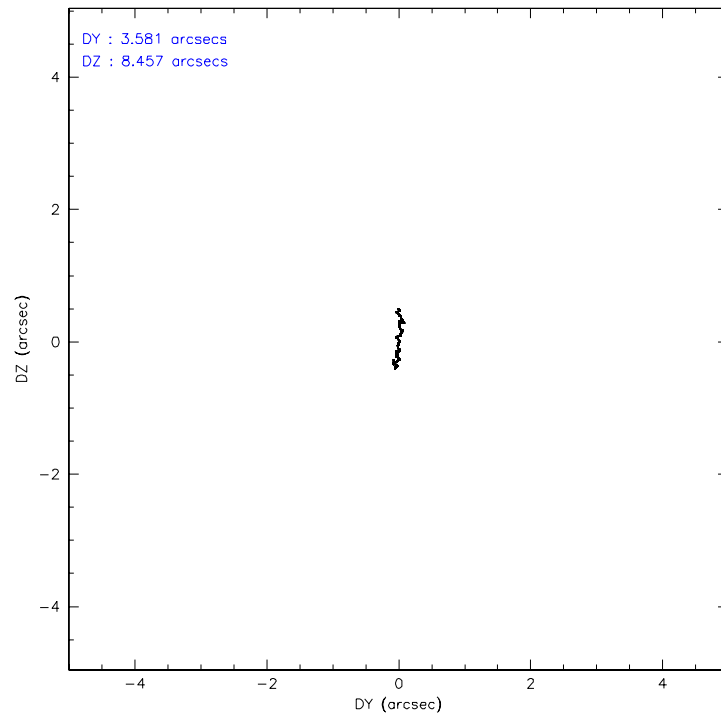
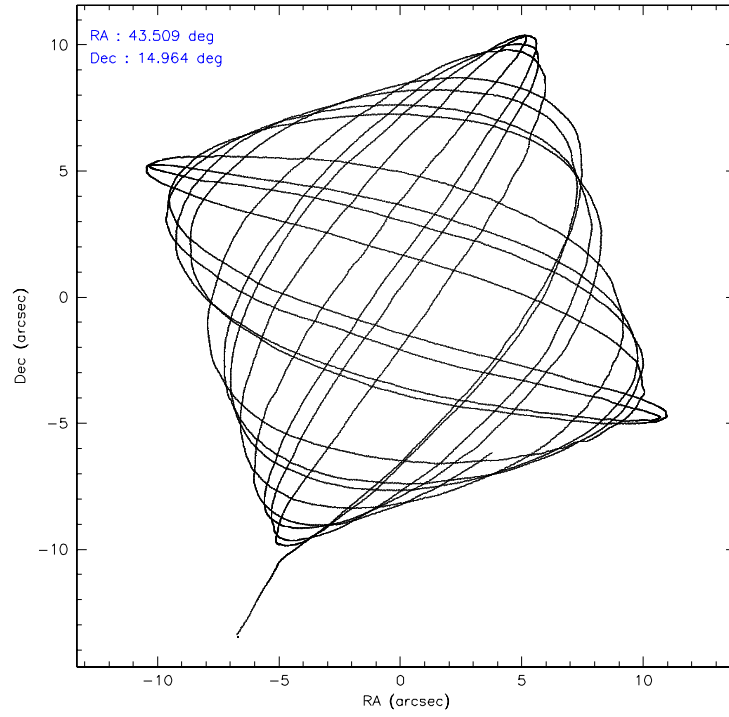
	ccd 7
level 1 events	22474
rejected events	13445
rejected %	59%

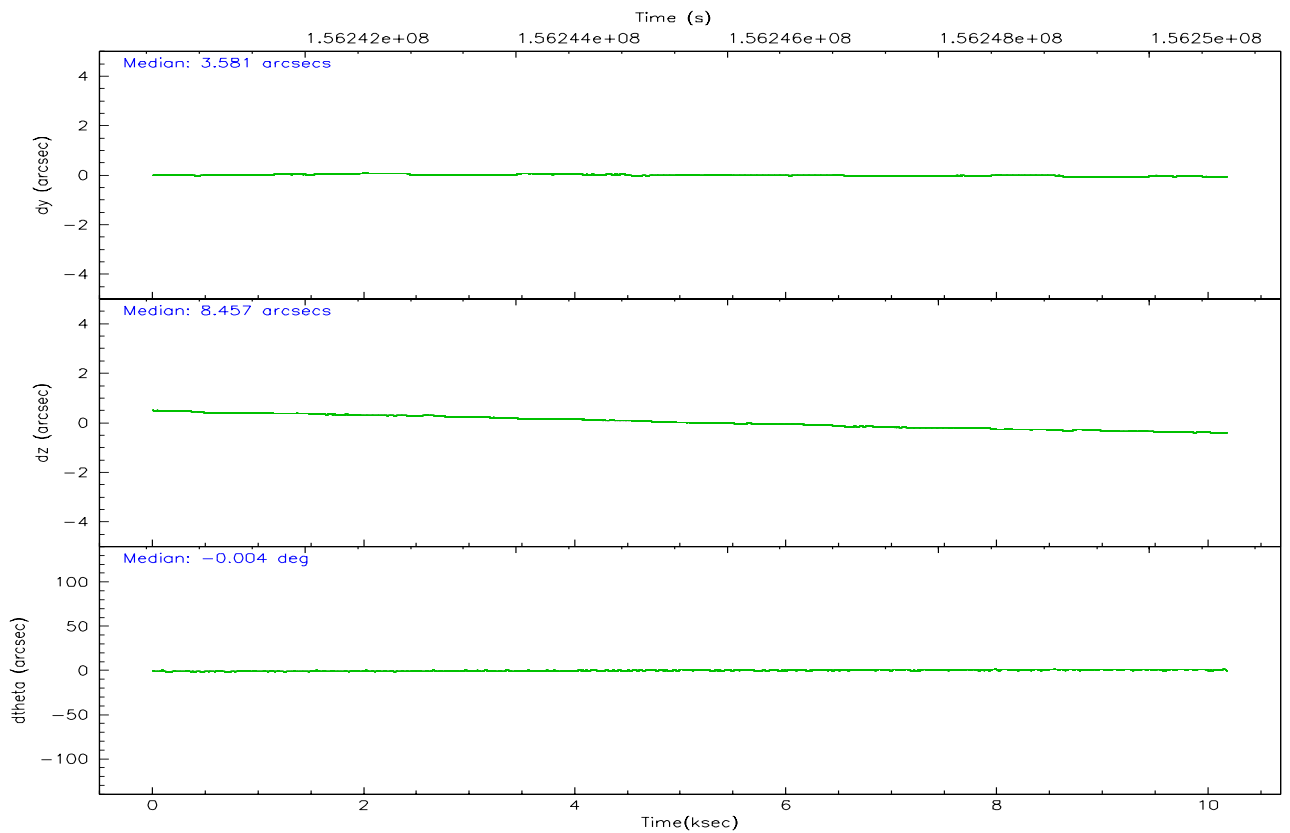
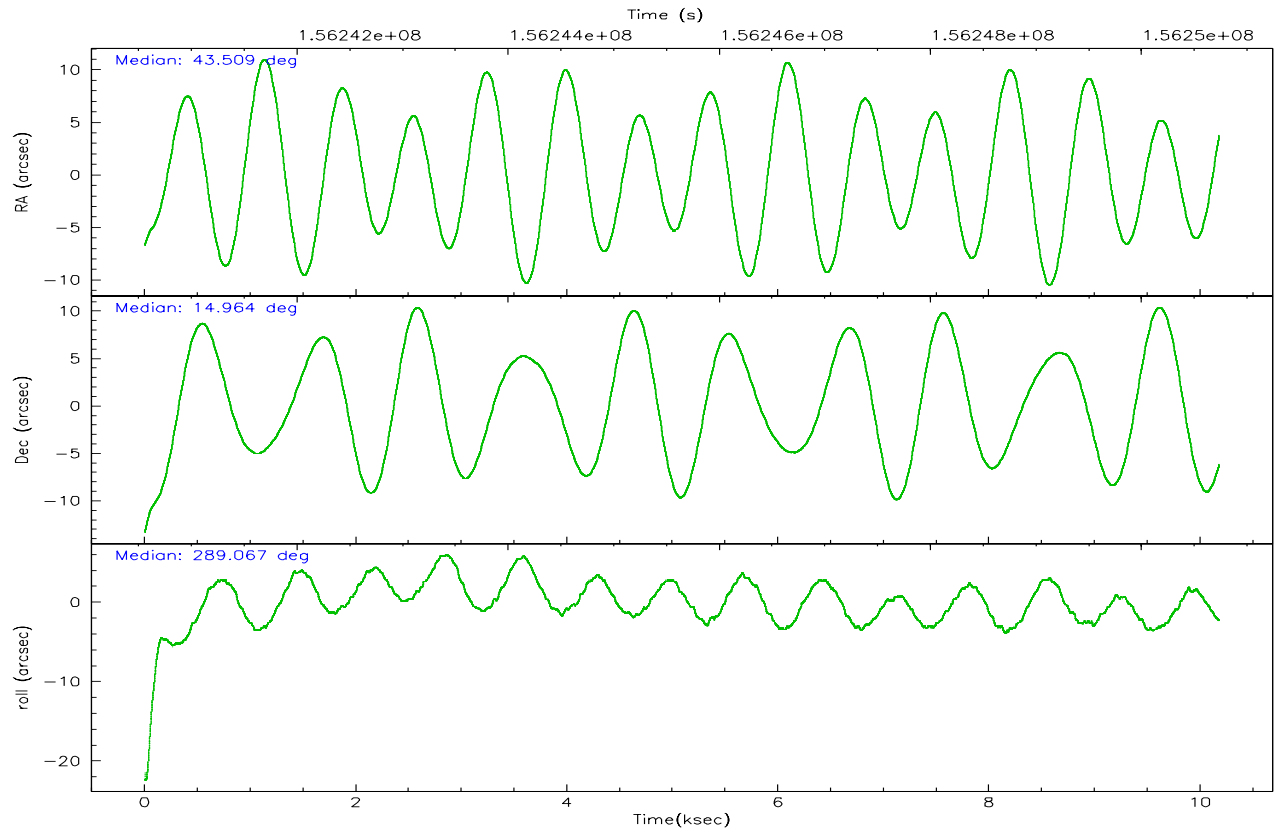
	ccd 7
grade 0 events	712
	3%
grade 1 events	19
	0%
grade 2 events	2342
	10%
grade 3 events	772
	3%
grade 4 events	709
	3%
grade 5 events	1672
	7%
grade 6 events	5067
	22%
grade 7 events	11181
	49%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	43.487517	43.50904542309412	Subarray requested	1/4	1/4
Pointing Dec	14.981616	14.96402821124391	Subarray start row	0	385
Pointing Roll	288.919287	289.0703370251566	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	156240744.184000	156239777.89103			
Observation start date	2002-12-14T08:11:20	2002-12-14T07:56:17			
Observation end time	156250744.184000	156251527.46652			
Observation end date	2002-12-14T10:58:00	2002-12-14T11:12:07			
Read mode	TIMED	TIMED			

2.3 Aspect



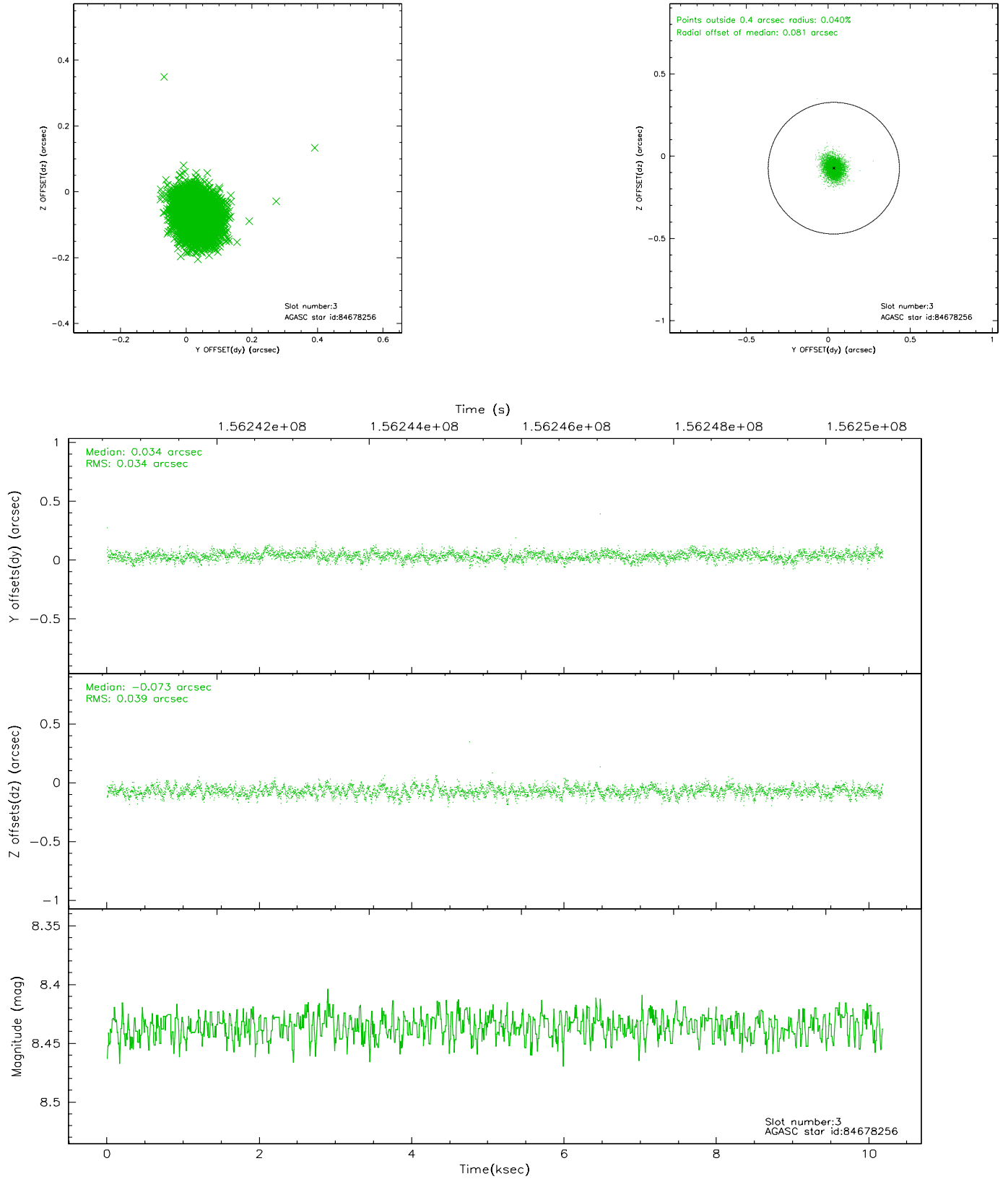


Slot Statistics

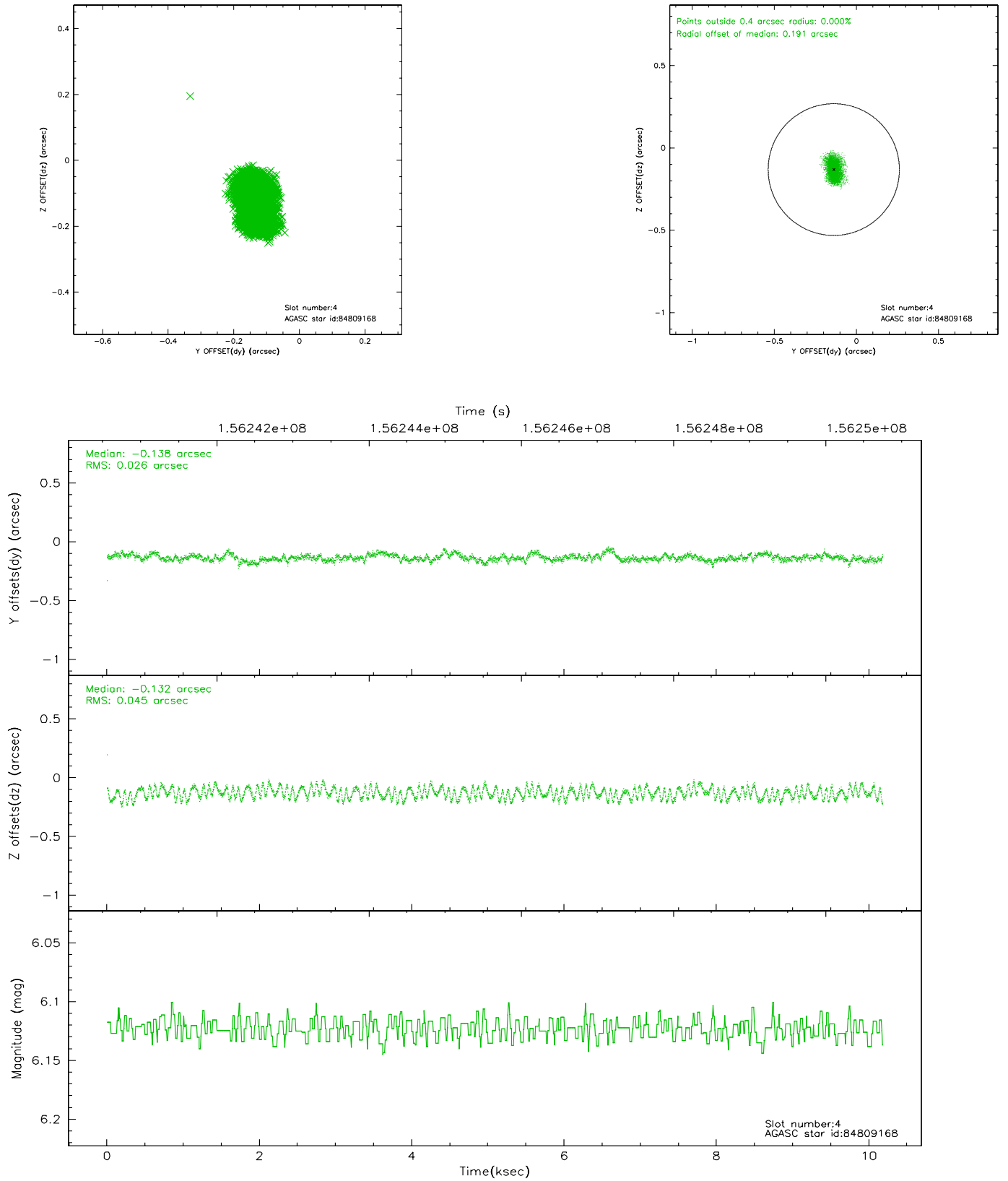
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2483	0.004	0.021	0.007	0.012	0.000000	0.000000	-756.24	-1729.66
1	FID	ACIS-S-4	7.20	2483	-0.041	-0.008	0.007	0.011	0.000000	0.000000	2156.77	178.24
2	FID	ACIS-S-5	7.24	2483	0.005	-0.004	0.006	0.010	0.000000	0.000000	-1808.40	172.53
3	GUIDE	84678256	8.44	4967	0.034	-0.073	0.054	0.089	43.101417	14.682225	584.16	-1620.67
4	GUIDE	84809168	6.12	4966	-0.138	-0.132	0.056	0.086	44.217327	14.609596	2088.38	1972.33
5	GUIDE	160439408	8.76	4963	0.008	0.101	0.067	0.109	43.574804	15.495464	-1650.17	887.22
6	GUIDE	160439864	8.97	4967	0.019	0.031	0.062	0.101	43.480700	15.427079	-1523.91	498.08
7	GUIDE	84810064	9.35	4961	0.076	0.069	0.103	0.165	43.504392	14.292611	2366.39	-747.89

2.4 Star Slots

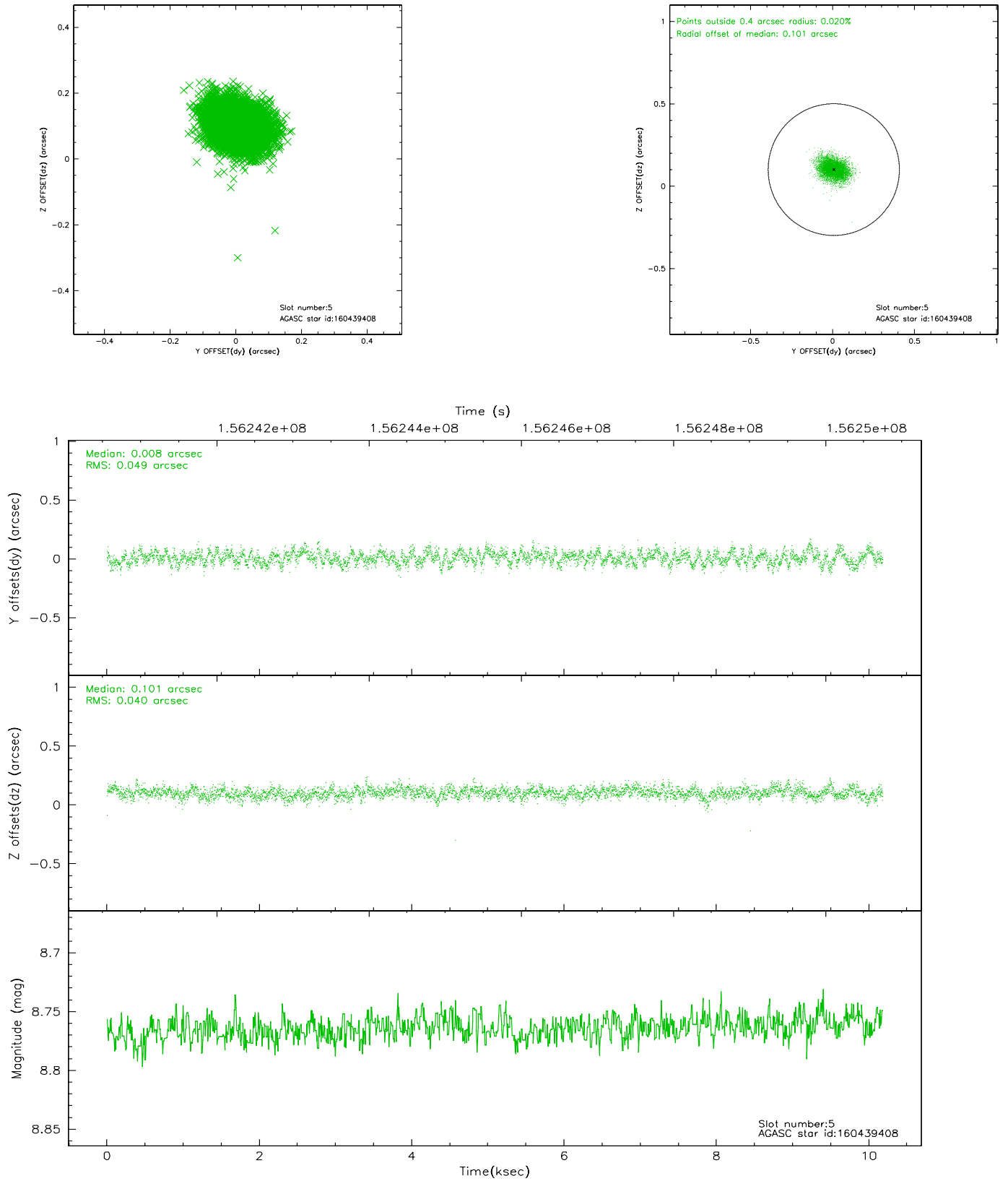
2.4.1 Slot 3



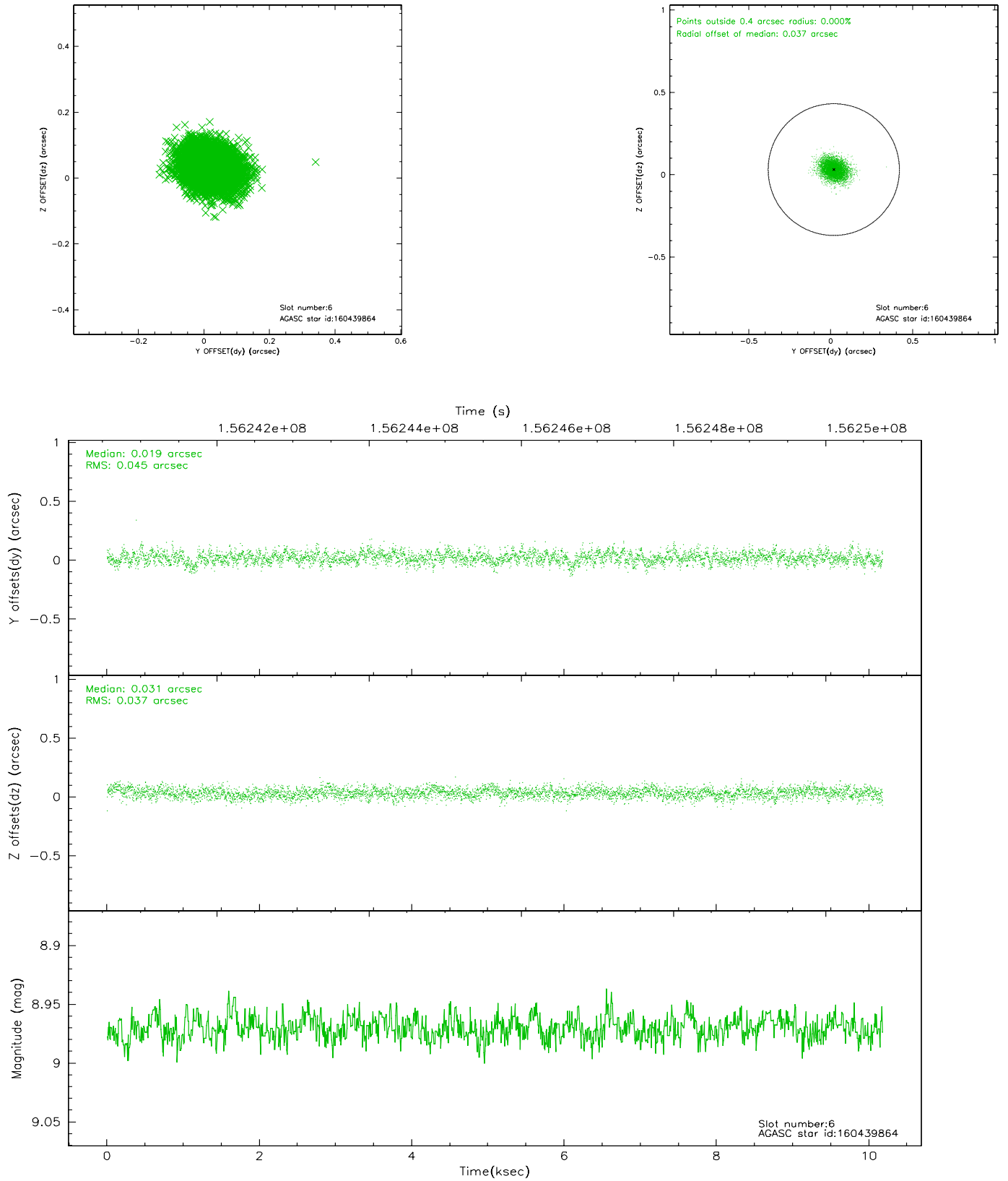
2.4.2 Slot 4



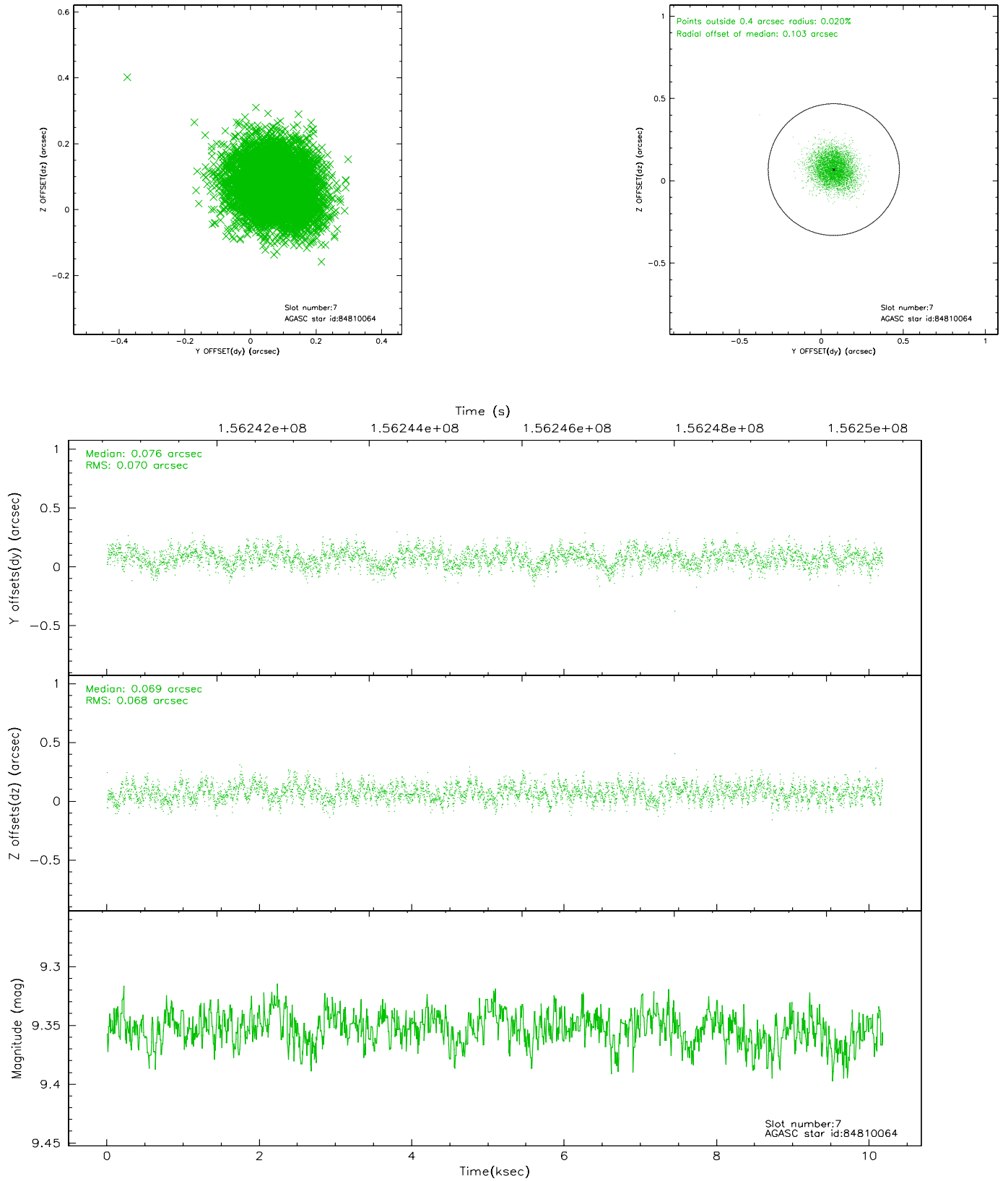
2.4.3 Slot 5



2.4.4 Slot 6

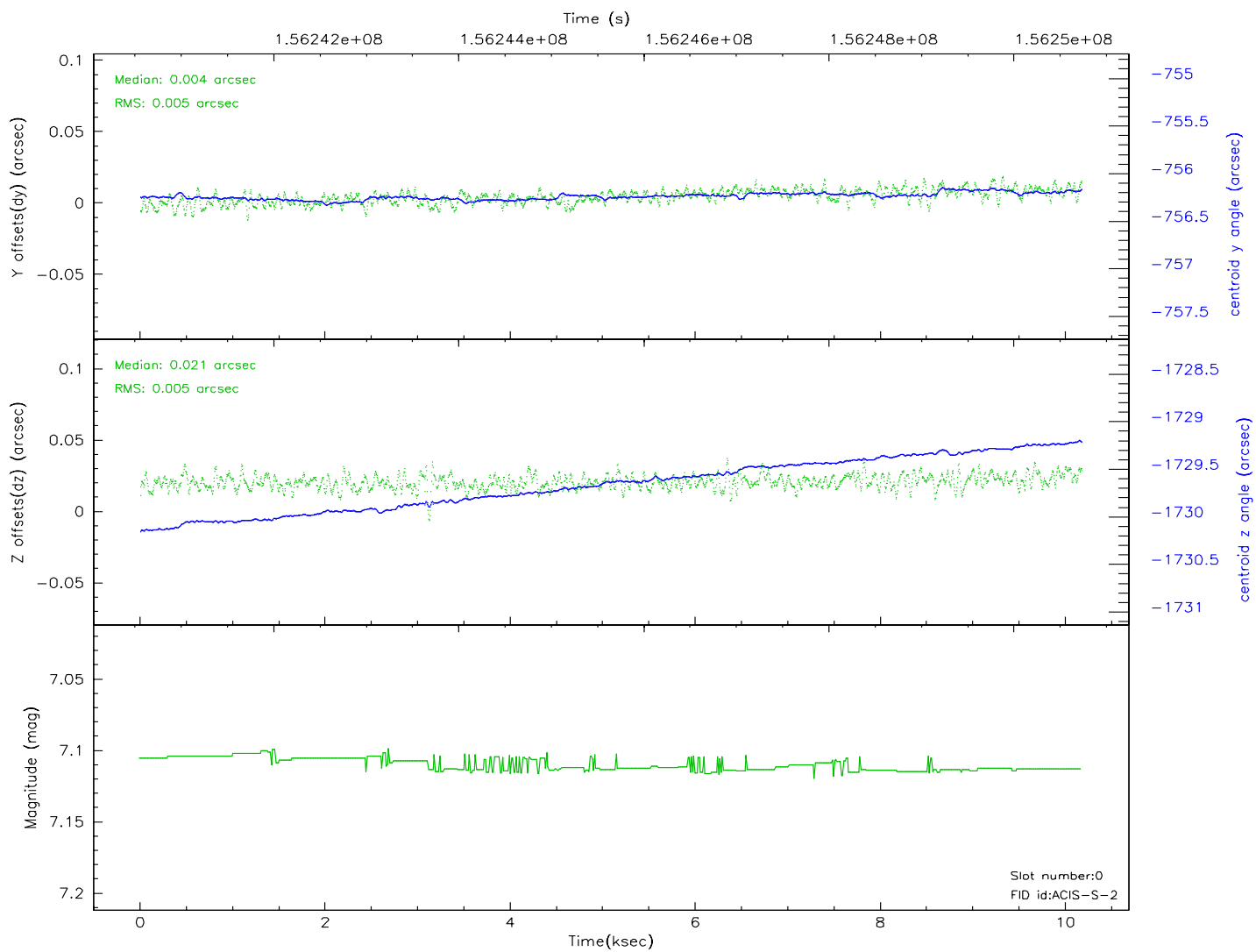
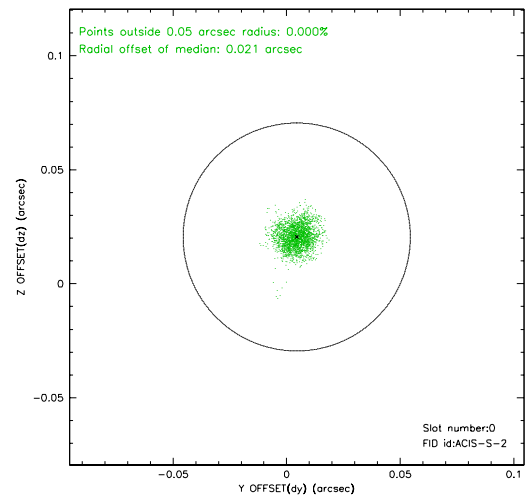
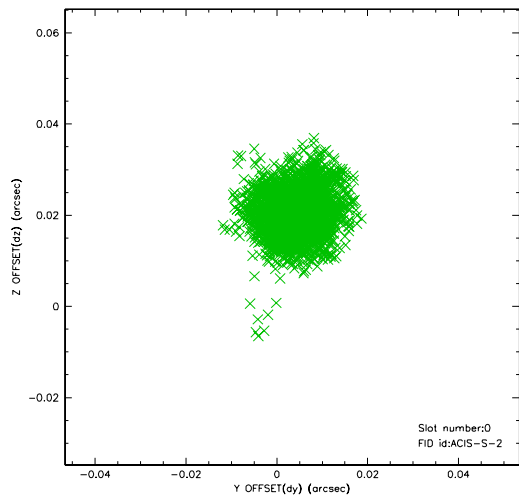


2.4.5 Slot 7

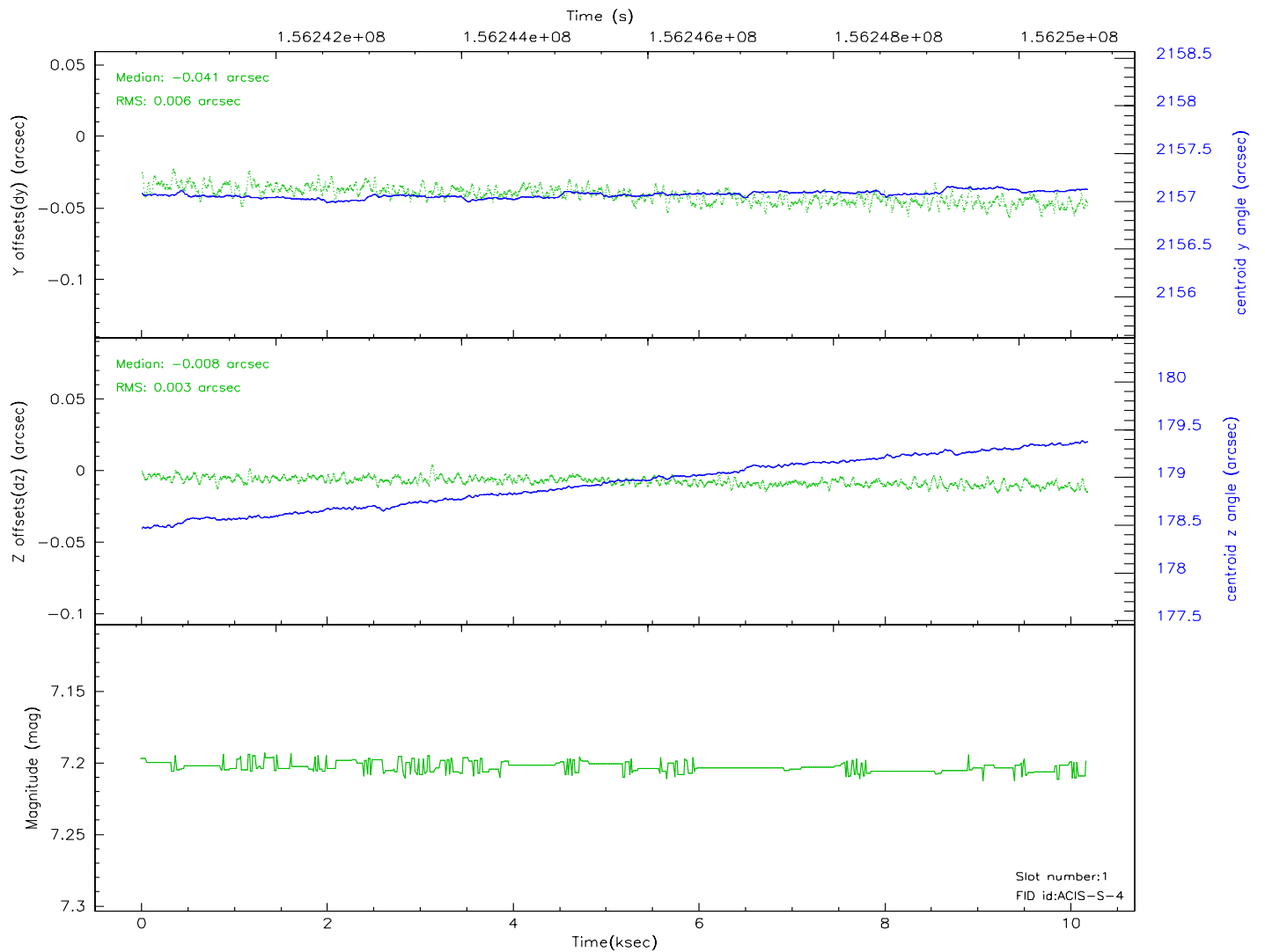
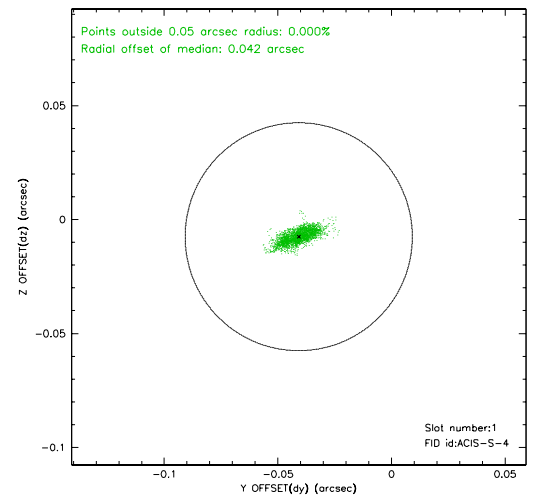
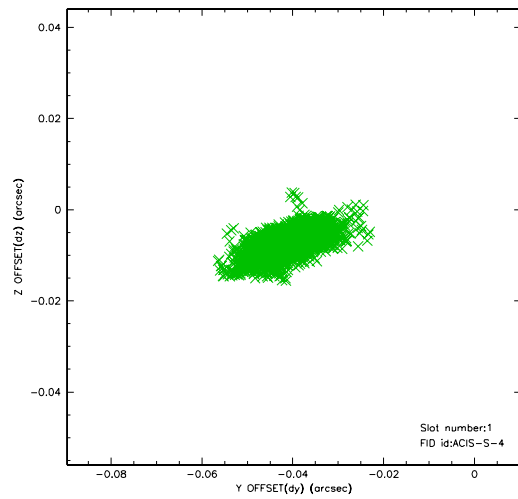


2.5 FID Slots

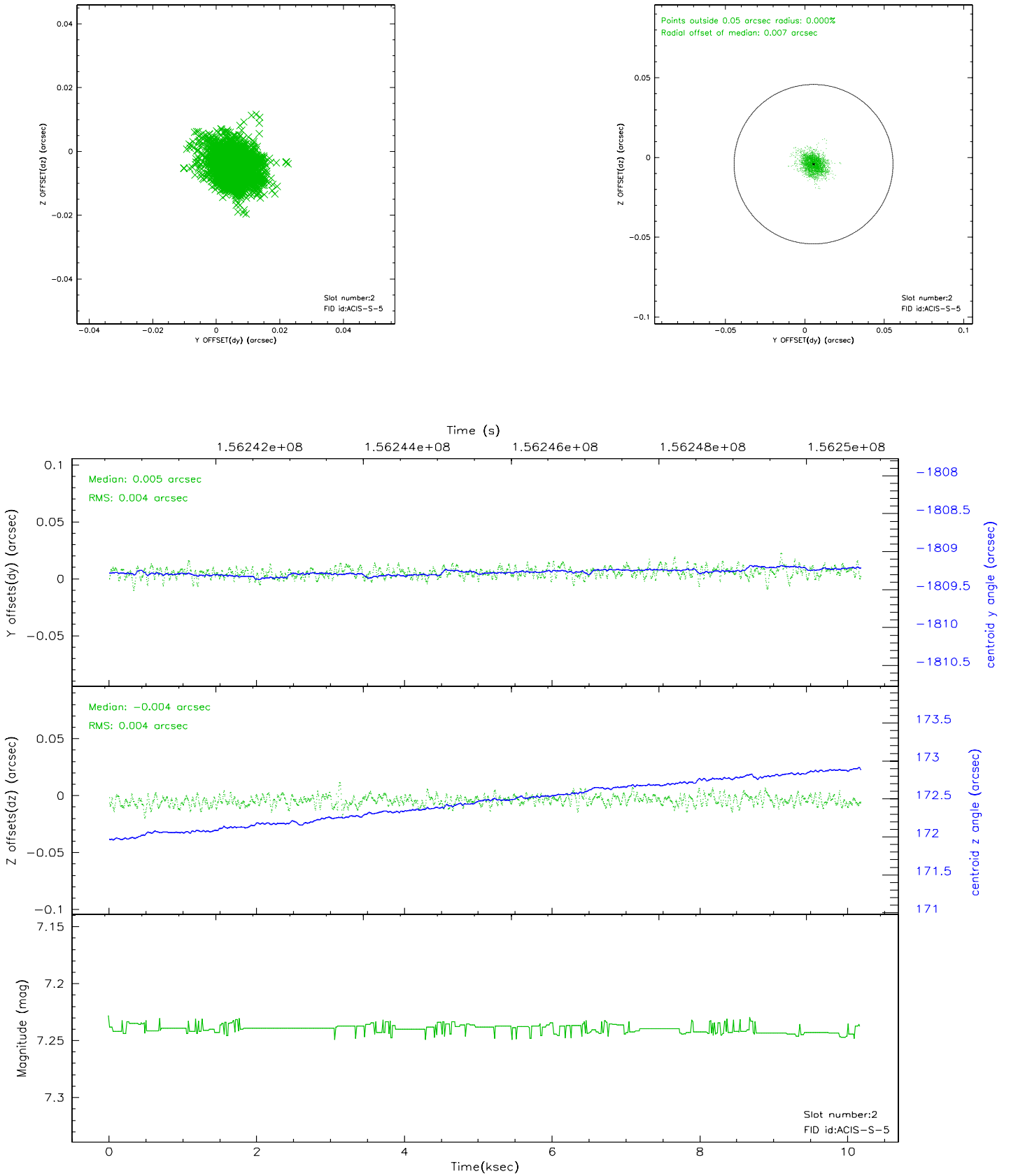
2.5.1 Slot 0



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)	2006.10.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.179

A.2 Comments