

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4774 - L2 Version 001
Chandra X-Ray Center

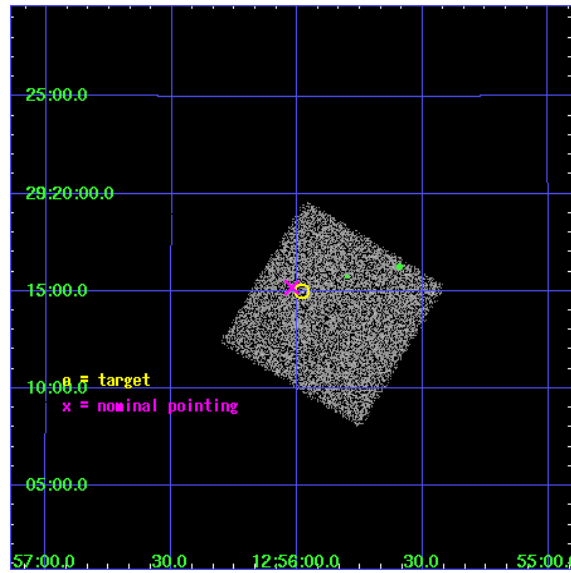
L2 Processing Date : Apr 13 2006

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

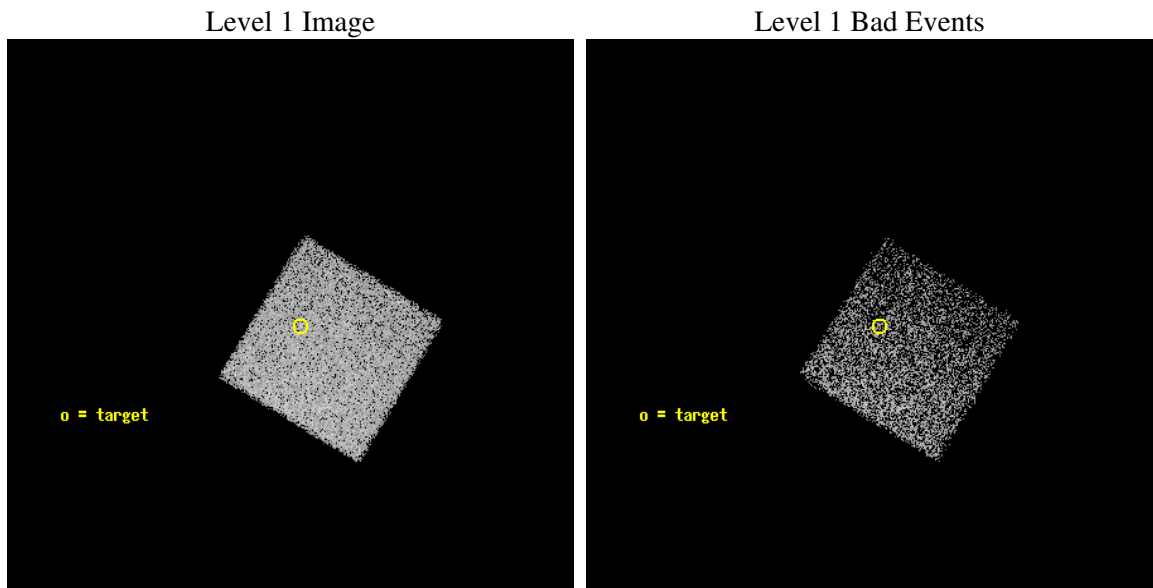
seq_num	700857
obs_id	4774
title	Anchoring the AGN X-ray Luminosity Function
observer	Dr. JOHN SALZER
object	F1255-3653
dtcycle	0
cycle	P
ra_targ	193.995
dec_targ	29.24975
ra_nom	194.00536812939
dec_nom	29.253238794938
roll_nom	31.158240782344
revision	2
ontime	4185.0
livetime	4128.5218214821
ontime7	4185.0
l2events	16846



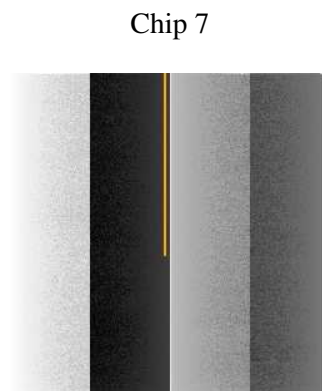
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-04-13T14:10:17
revision	2

sched_exp_time	4000.000000
ontime	4272.6100916564
ontime7	4272.6100916564
l1events	45814

2.1.4 Events

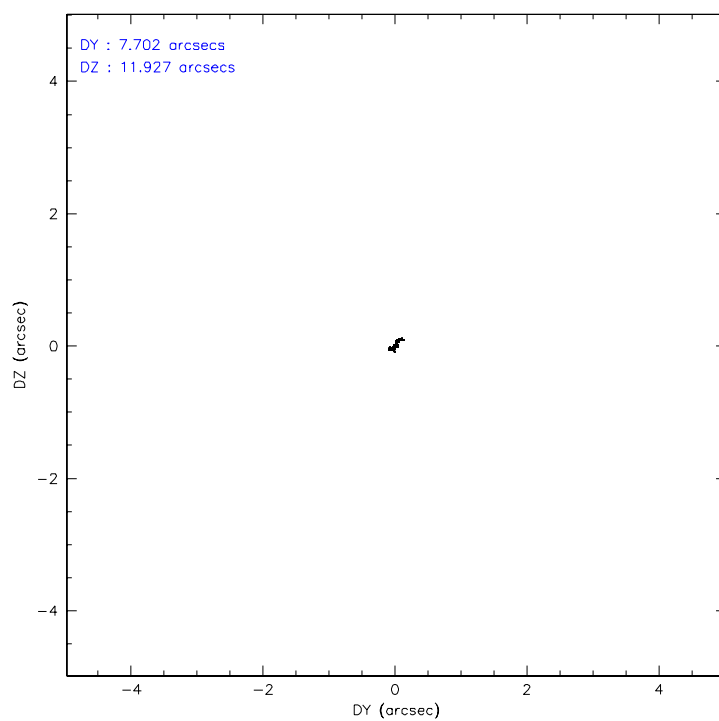
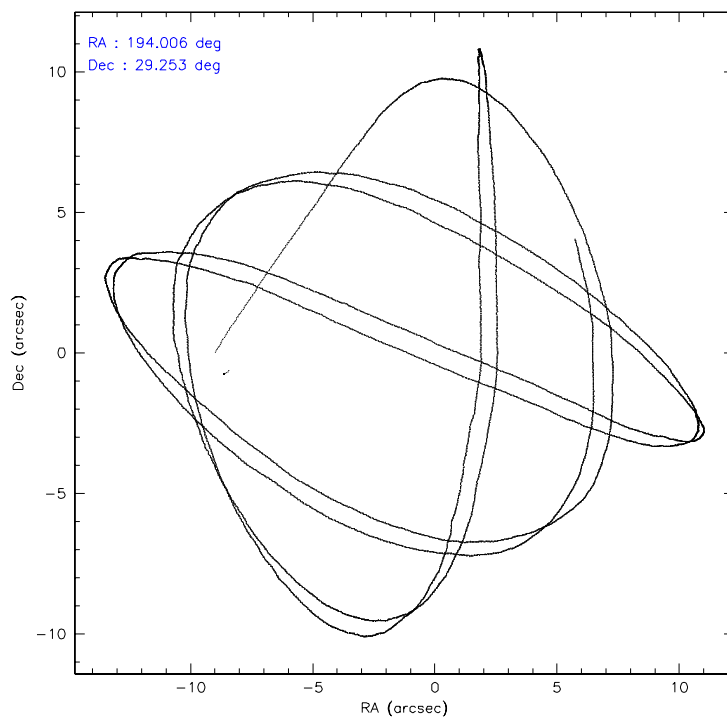
	ccd 7
level 1 events	45814
rejected events	28473
rejected %	62%

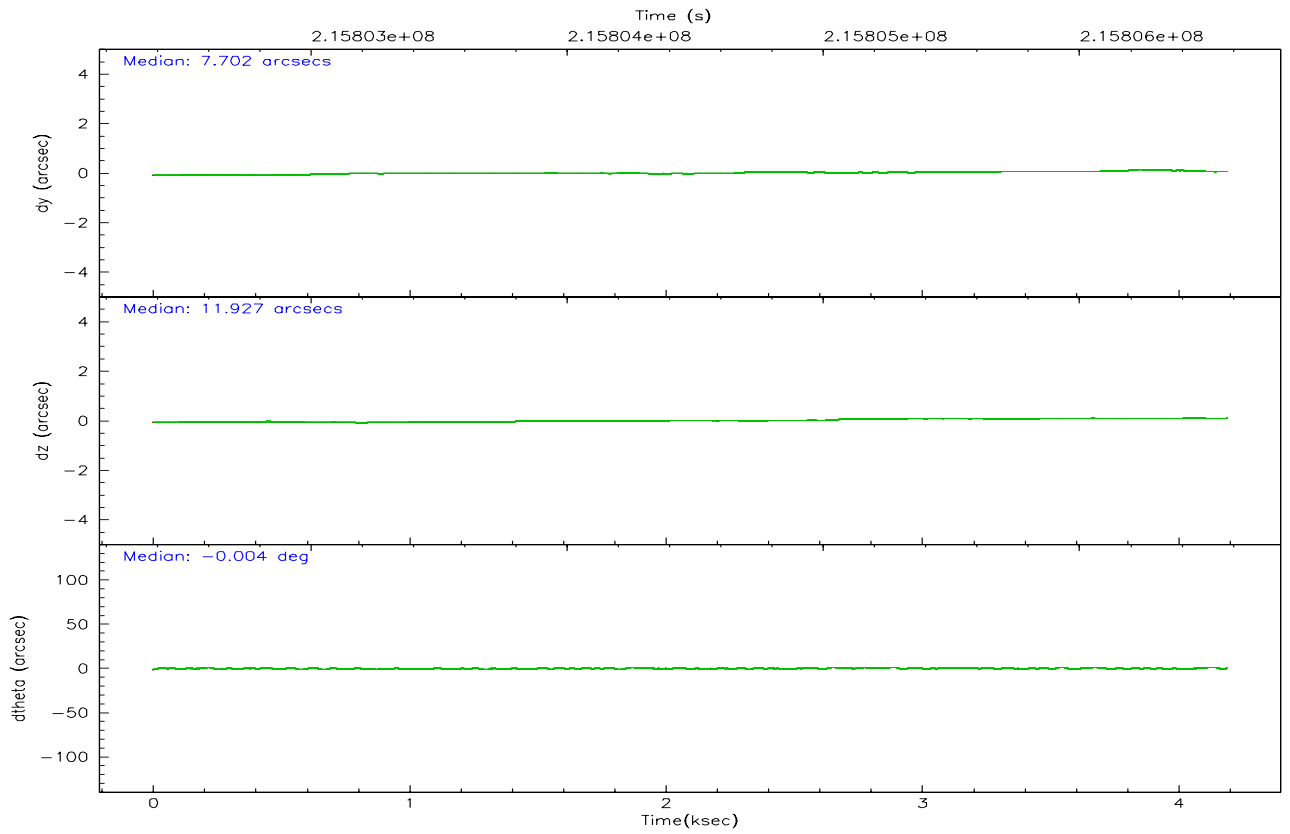
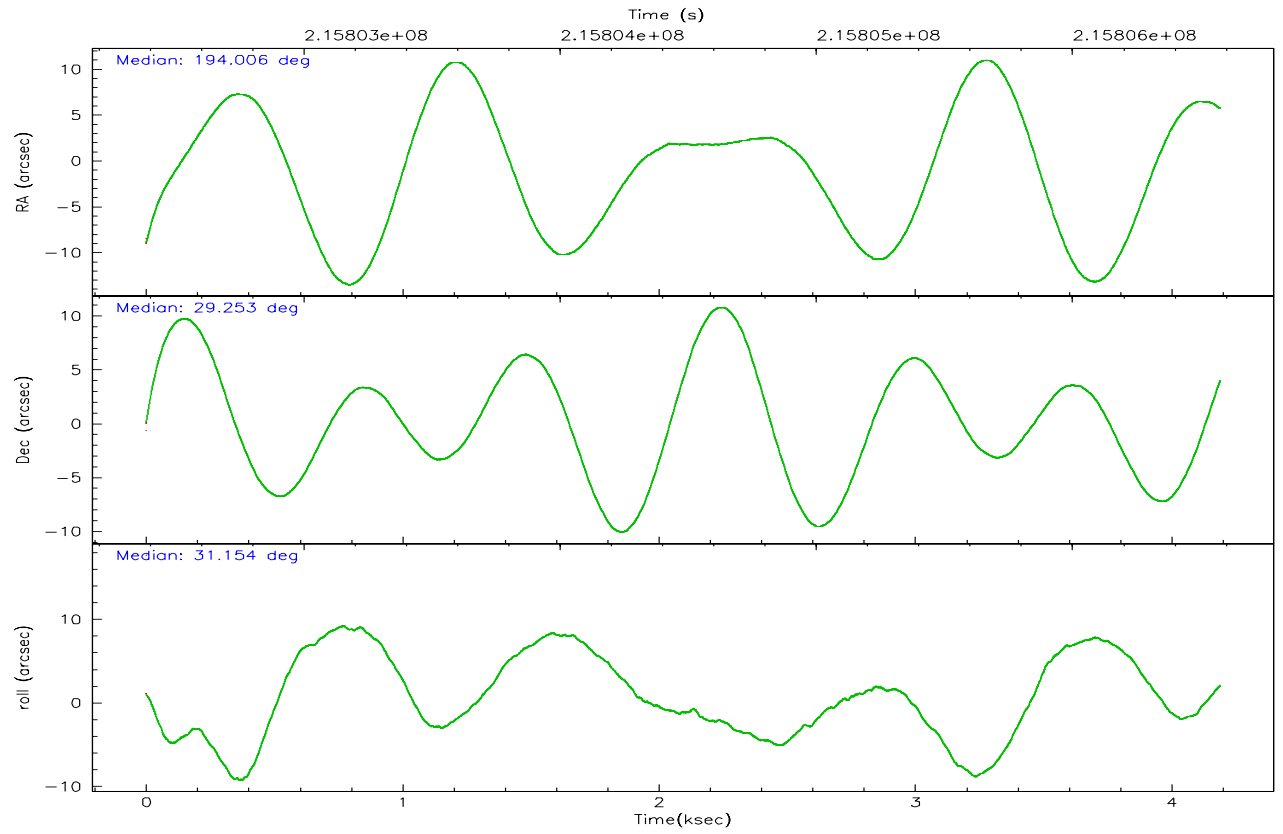
	ccd 7
grade 0 events	1022
	2%
grade 1 events	22
	0%
grade 2 events	4349
	9%
grade 3 events	900
	1%
grade 4 events	872
	1%
grade 5 events	3124
	6%
grade 6 events	10525
	22%
grade 7 events	25000
	54%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	193.990658	194.0053681293912	Alternating exposures requested	N	N
Pointing Dec	29.229199	29.25323879493822	Primary exposure time	0.000000	3
Pointing Roll	31.008822	31.15824078234423			
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	215802573.184000	215801798.61923			
Observation start date	2004-11-02T17:08:29	2004-11-02T16:56:38			
Observation end time	215806573.184000	215806728.35695			
Observation end date	2004-11-02T18:15:09	2004-11-02T18:18:48			
Read mode	TIMED	TIMED			

2.3 Aspect



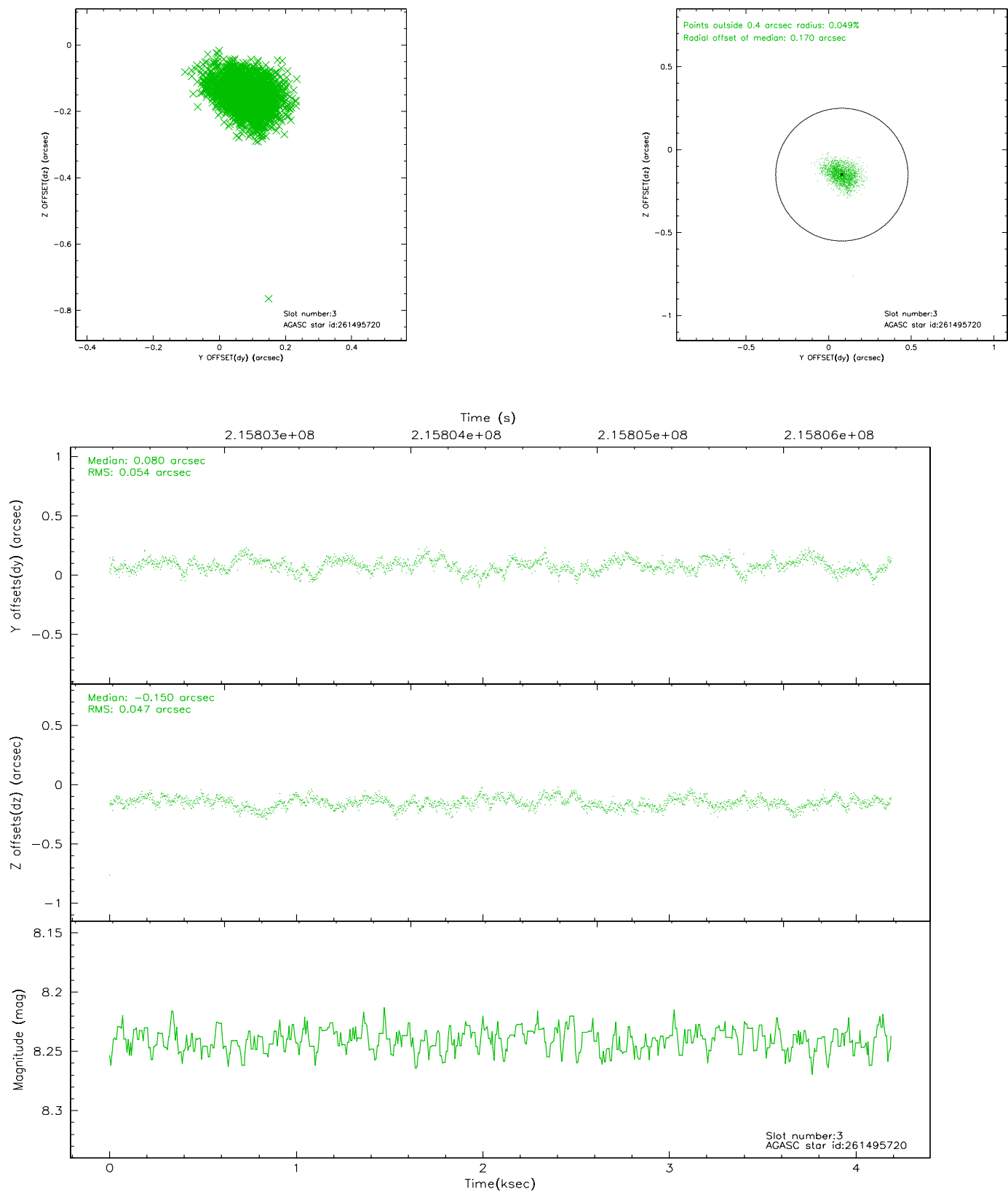


Slot Statistics

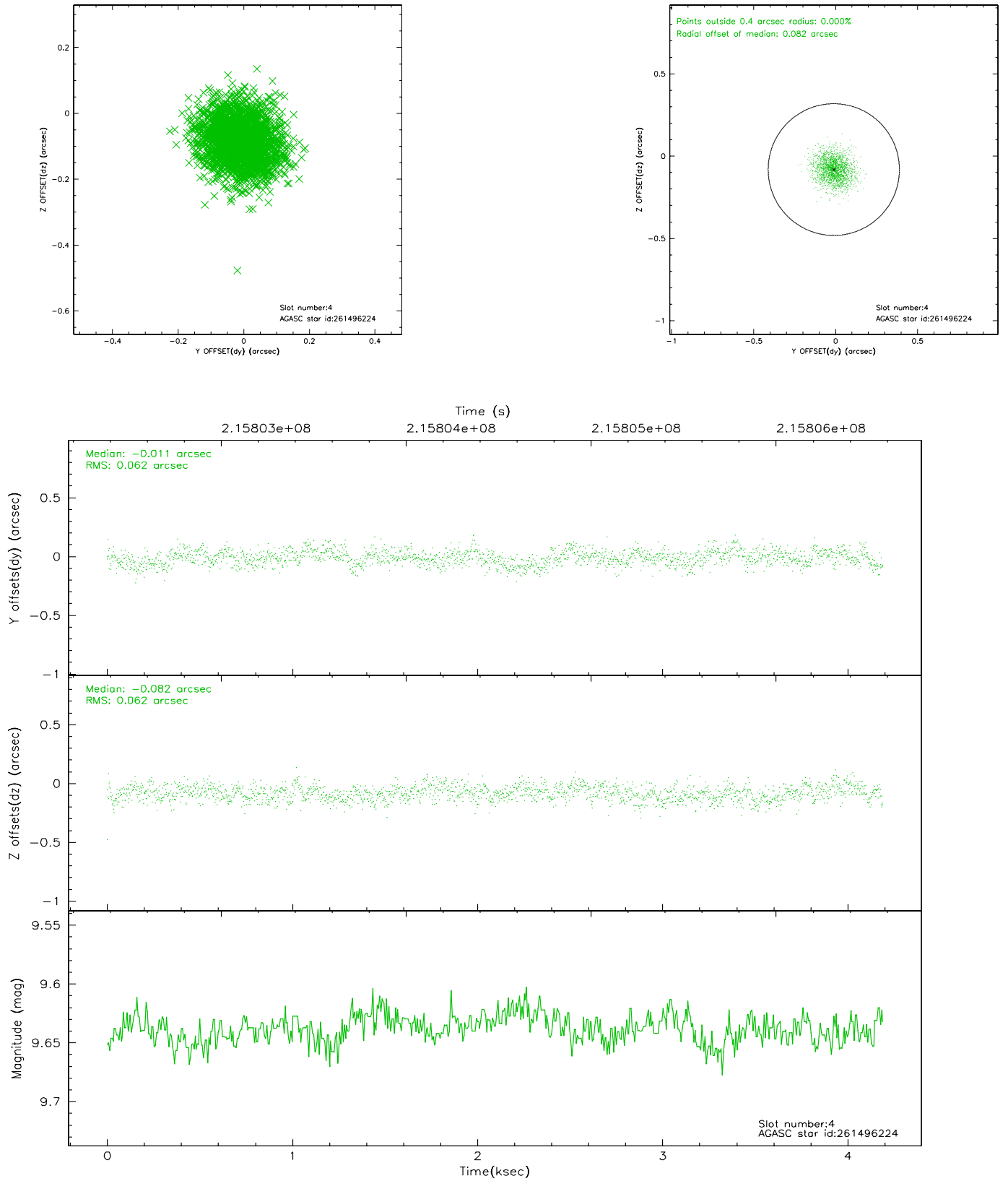
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1023	-0.005	0.001	0.007	0.011	0.000000	0.000000	-760.48	-1733.24
1	FID	ACIS-S-4	7.20	1022	0.031	0.002	0.005	0.009	0.000000	0.000000	2152.15	173.72
2	FID	ACIS-S-5	7.23	1022	-0.057	0.006	0.007	0.013	0.000000	0.000000	-1811.48	169.07
3	GUIDE	261495720	8.24	2045	0.080	-0.150	0.076	0.124	193.308051	28.989913	-2282.85	374.19
4	GUIDE	261496224	9.64	2045	-0.011	-0.082	0.095	0.151	194.062266	29.627829	930.33	1114.92
5	GUIDE	261501416	9.66	2044	0.030	0.151	0.127	0.193	194.139933	29.140691	238.93	-513.78
6	GUIDE	261501976	9.56	2044	-0.131	0.089	0.088	0.148	194.423637	28.825940	424.07	-1945.61
7	GUIDE	331875064	9.90	2040	0.035	-0.001	0.118	0.193	194.224872	30.055855	2158.89	2174.65

2.4 Star Slots

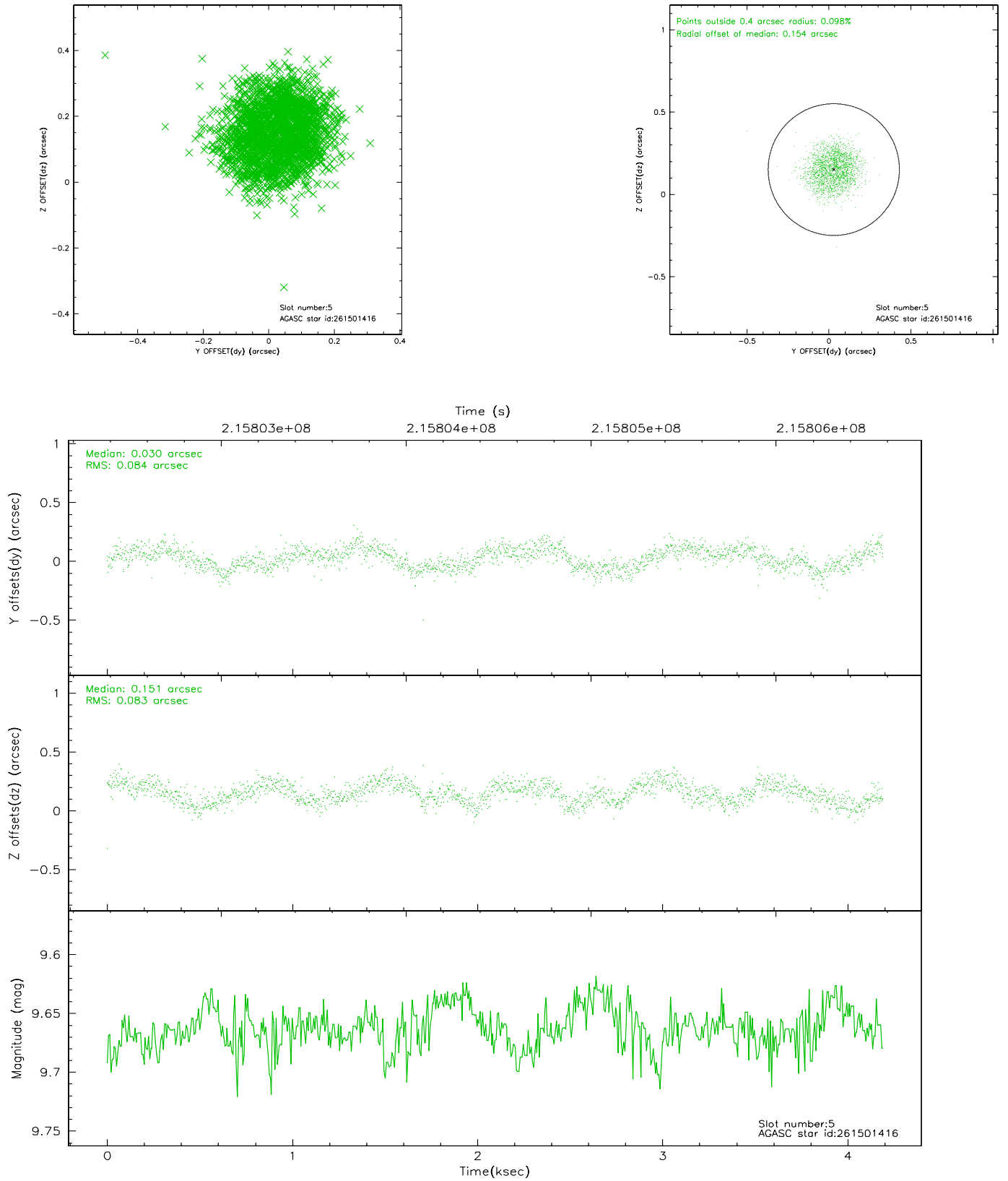
2.4.1 Slot 3



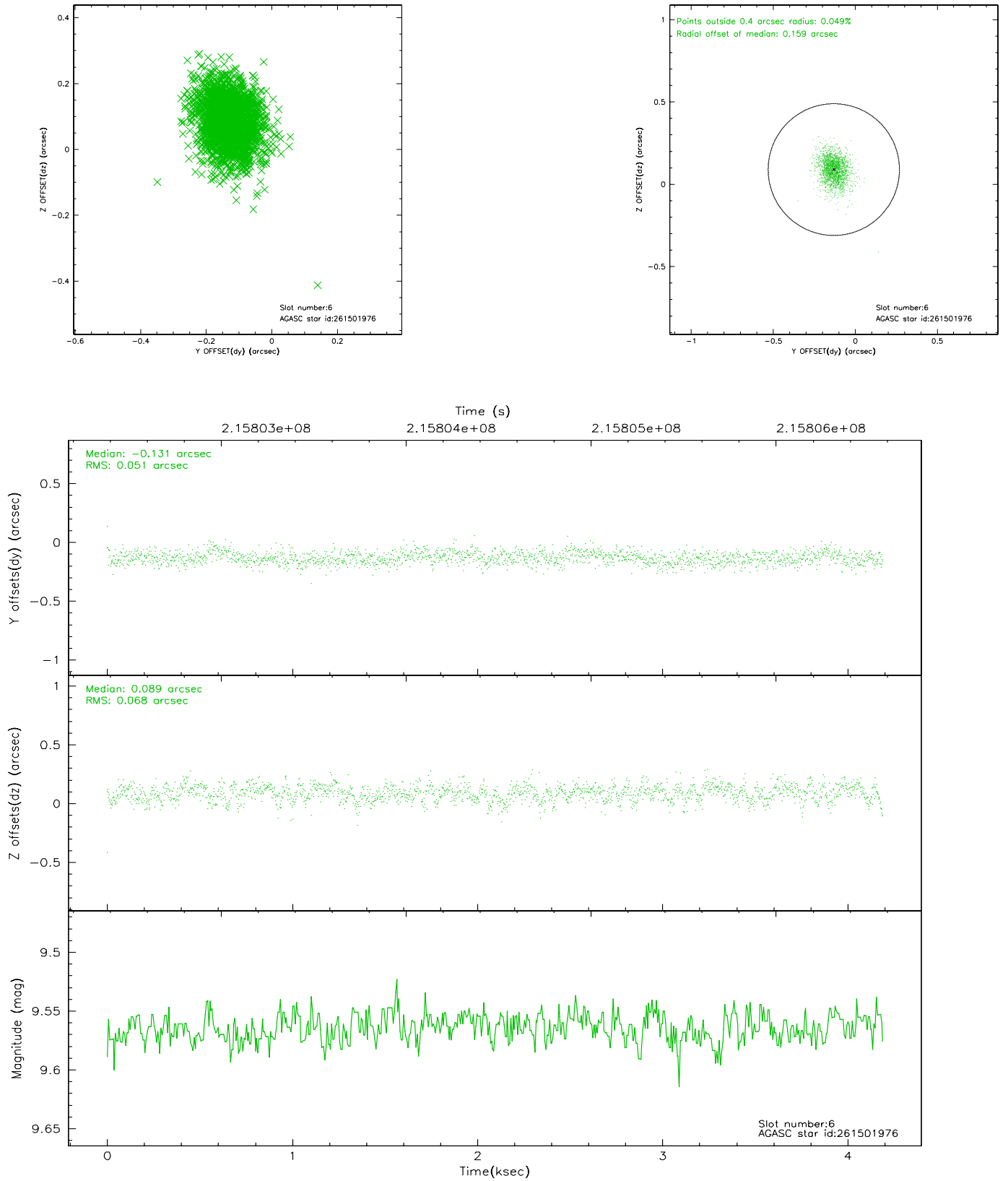
2.4.2 Slot 4



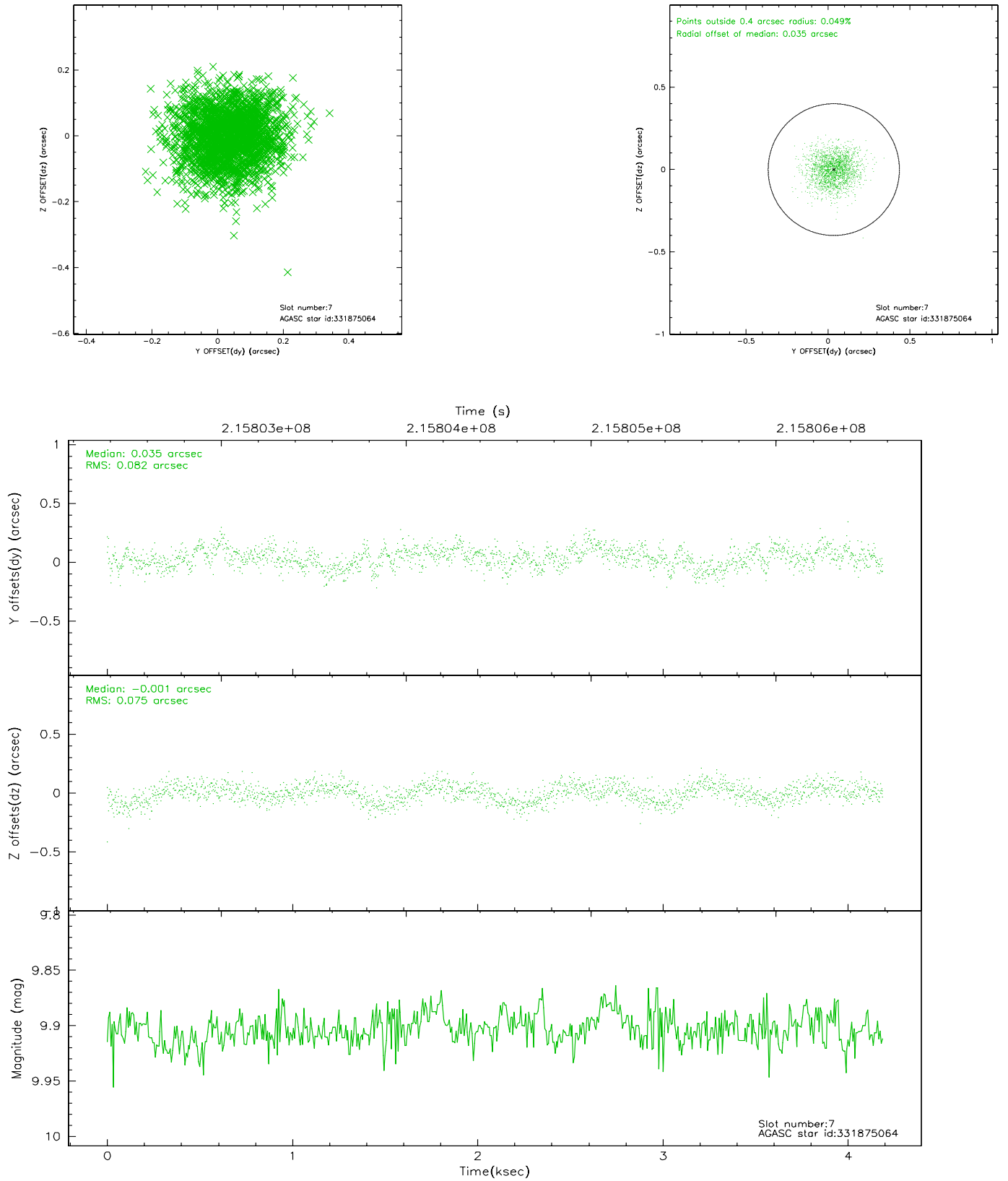
2.4.3 Slot 5



2.4.4 Slot 6

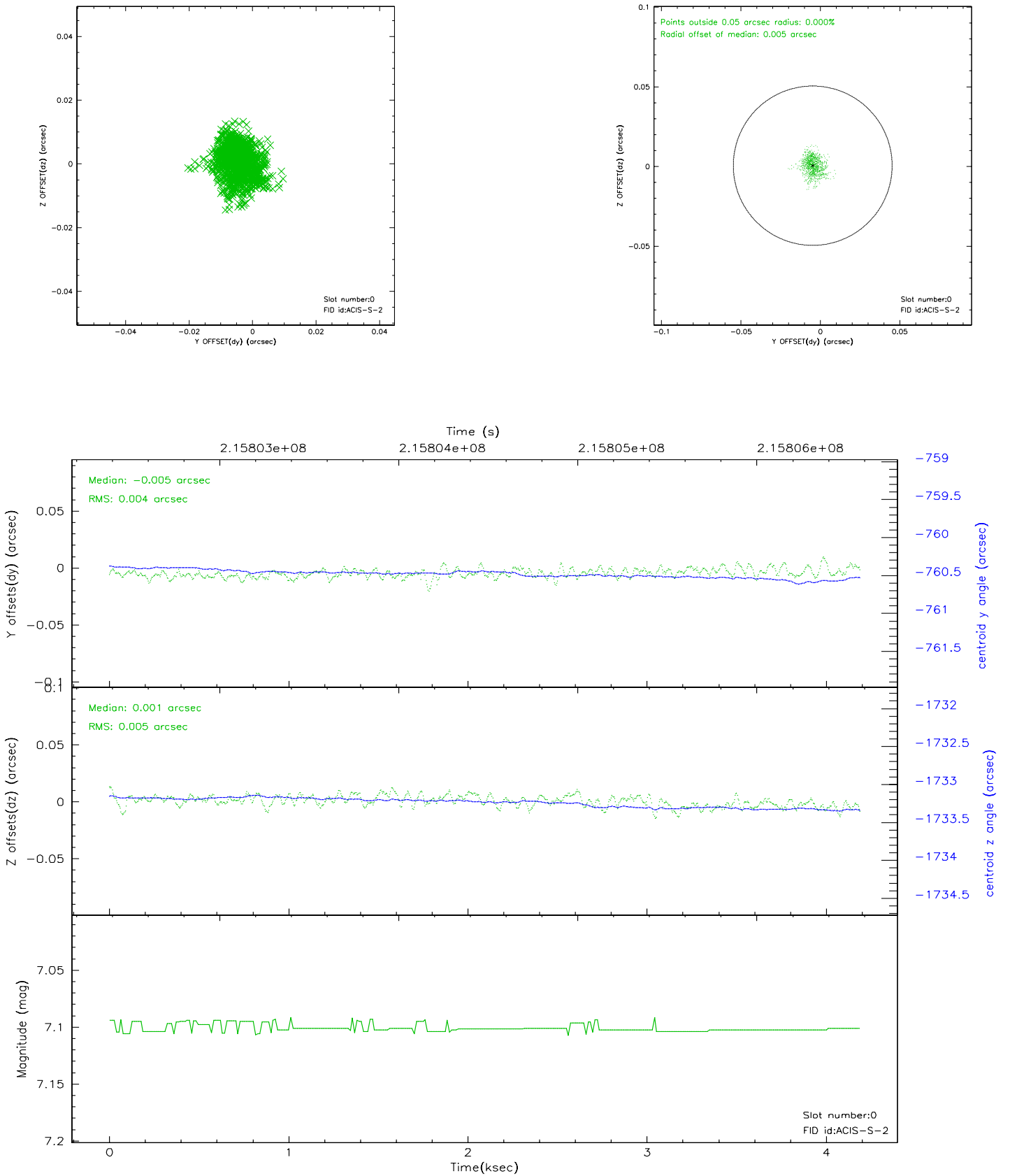


2.4.5 Slot 7

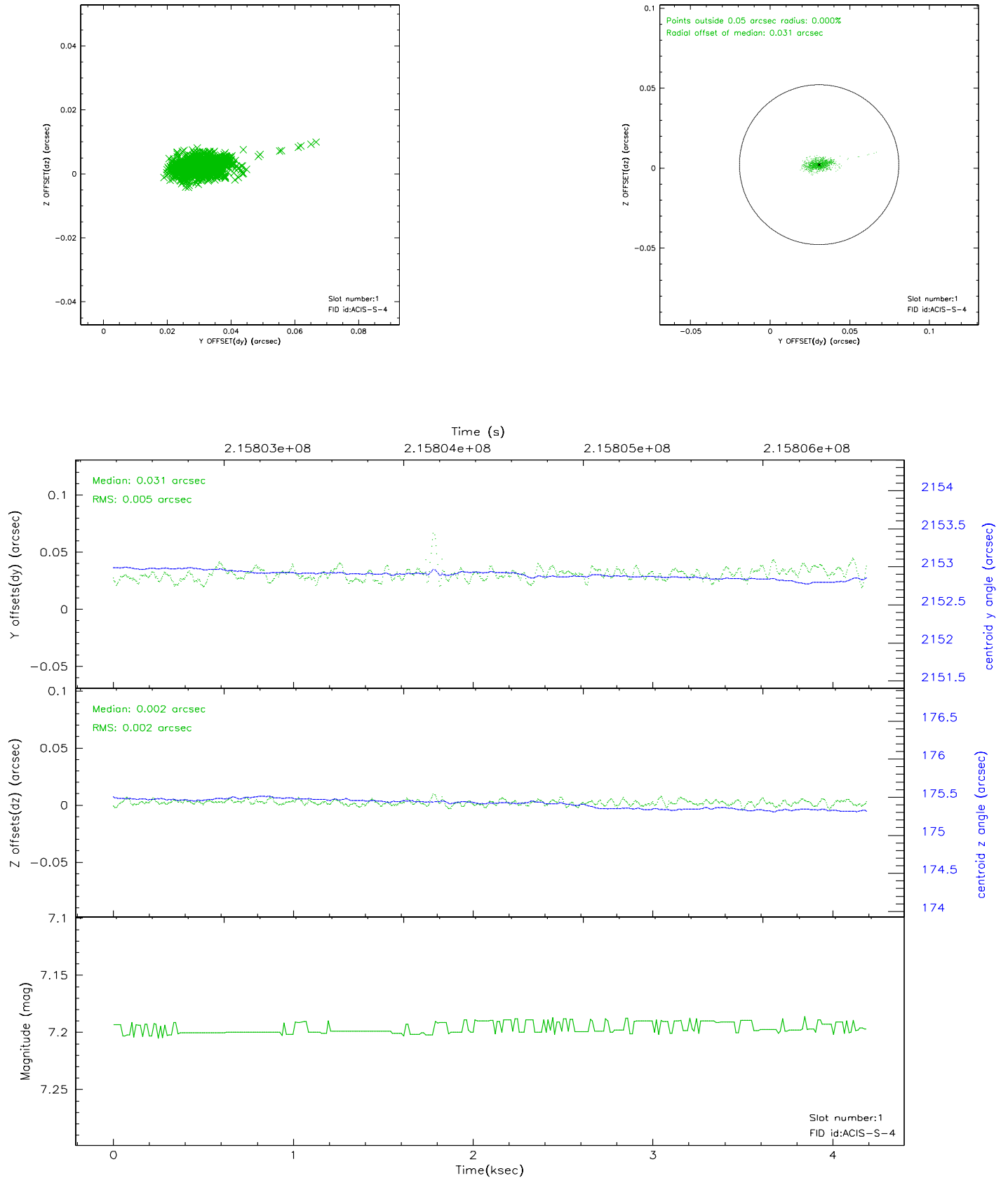


2.5 FID Slots

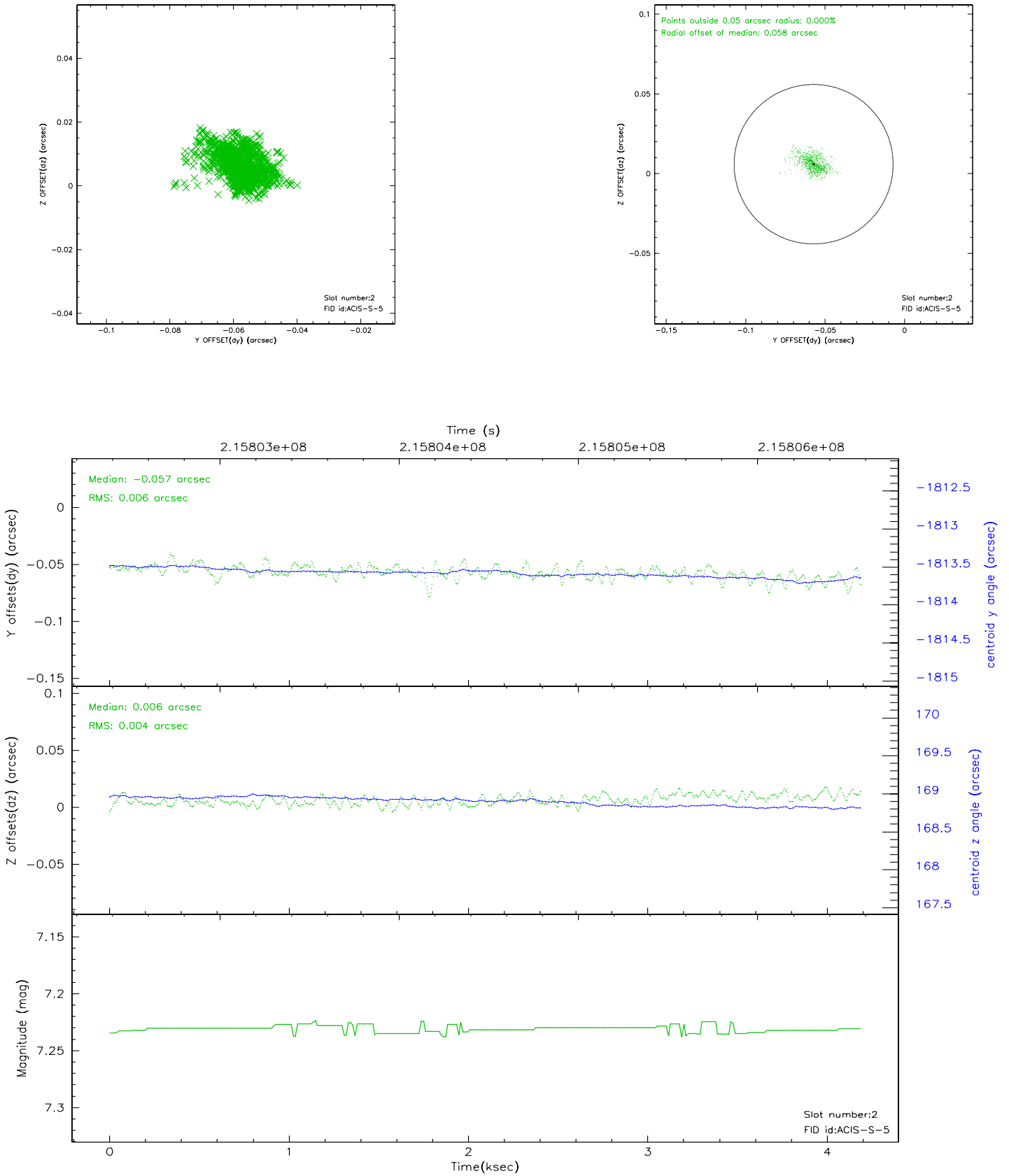
2.5.1 Slot 0



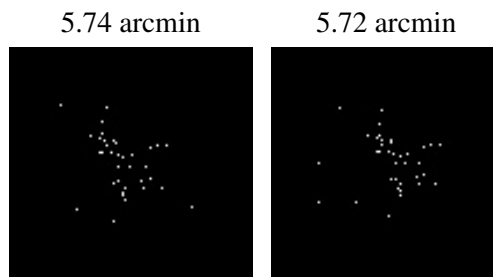
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.185

A.2 Comments