

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3001 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 22 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

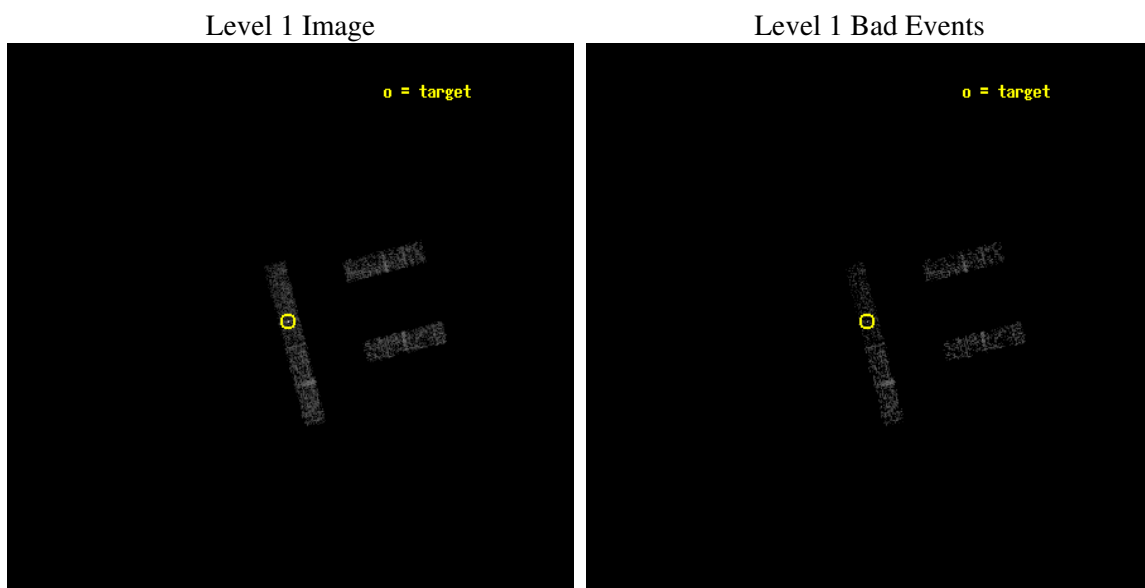
seq_num	700440
obs_id	3001
title	CHANDRA SNAPSHOT OBSERVATIONS OF SOFT X-RAY TRANSIENT AGN
observer	Dr Rick Edelson
object	WAS 61
dtcycle	0
cycle	P
ra_targ	190.544167
dec_targ	33.284167
ra_nom	190.53924898104
dec_nom	33.275460152452
roll_nom	255.35351186487
revision	2
ontime	2601.8465298414
livetime	433.00601282142
ontime2	2604.25
ontime3	2604.25
ontime6	2603.0482699275
ontime7	2601.8465298414
l2events	2242



2 OBI

2.1 OBI

2.1.1 Images

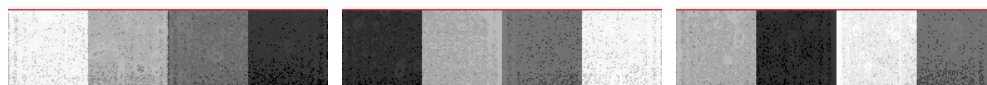


2.1.2 Bias

Chip 2

Chip 3

Chip 6



Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-22T19:19:08
revision	2

sched_exp_time	2000.000000
ontime	2604.1812367737
ontime2	2607.7864370048
ontime3	2607.7864370048
ontime6	2606.5847069323
ontime7	2604.1812367737
l1events	13087

2.1.4 Events

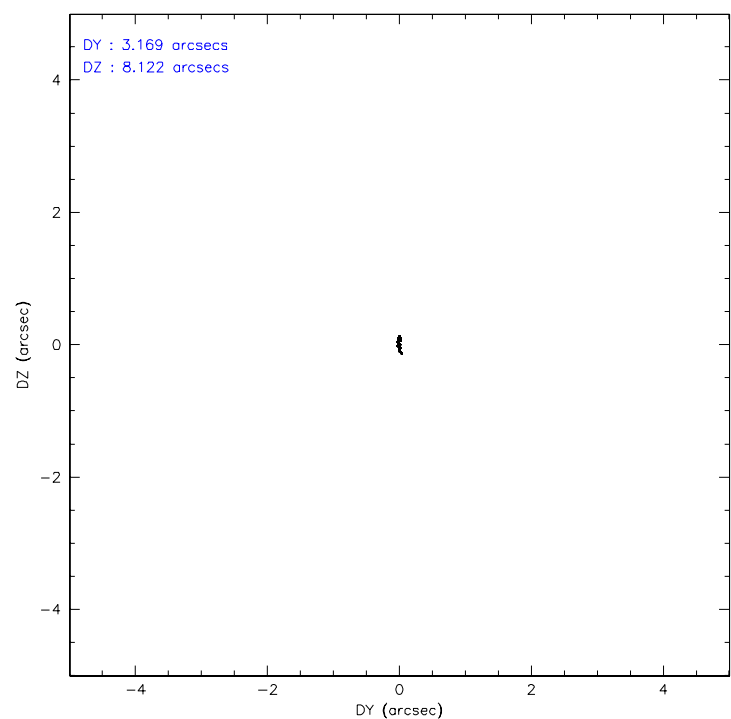
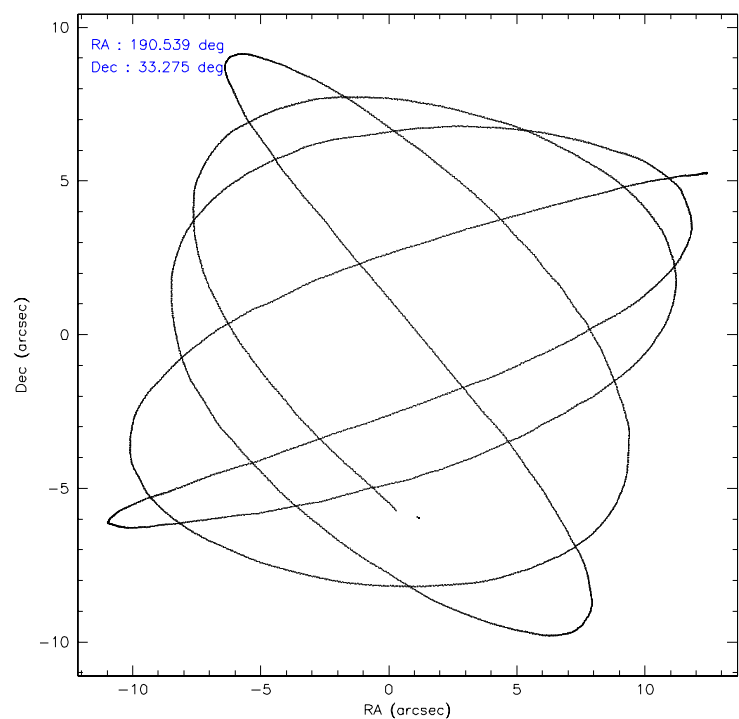
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	3082	2916	3595	3494
rejected events	2833	2669	3336	1763
rejected %	91%	91%	92%	50%

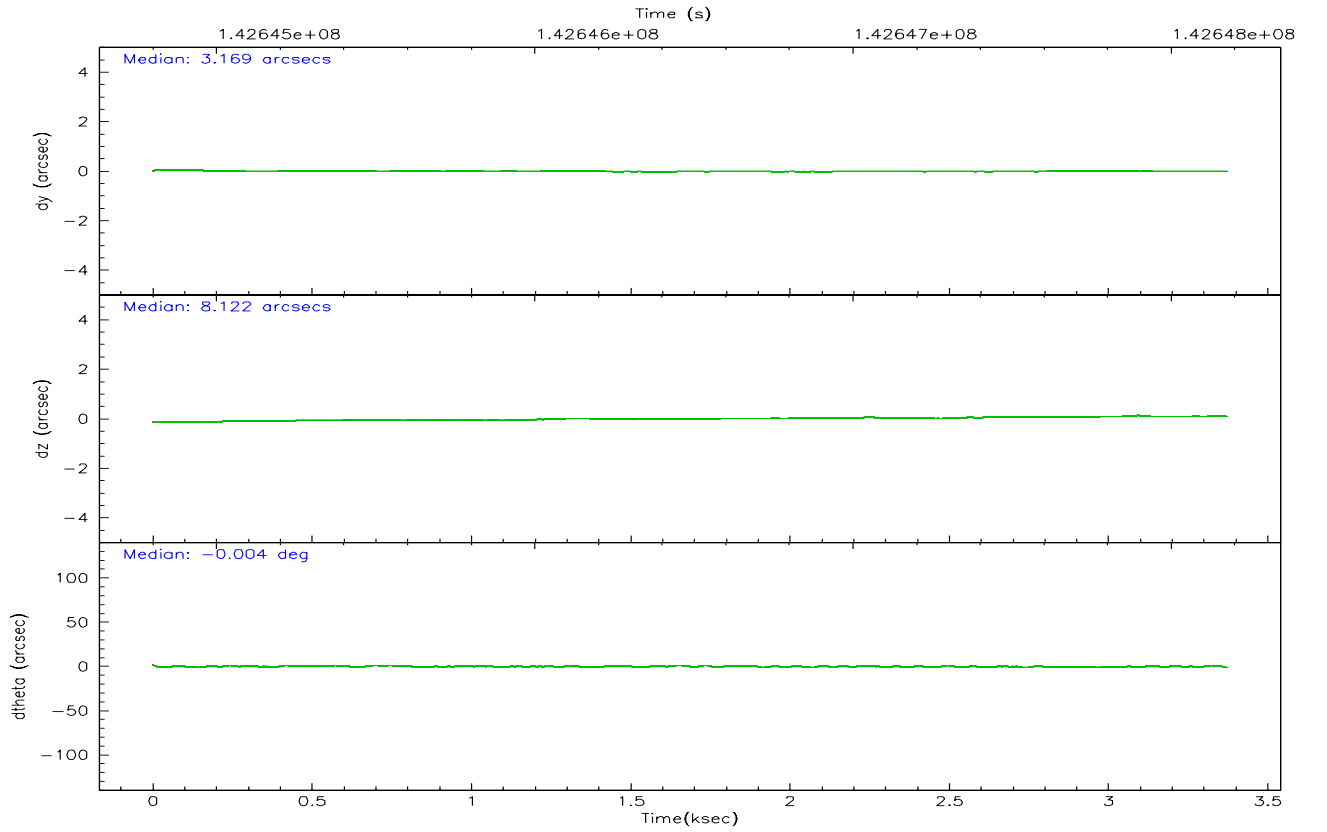
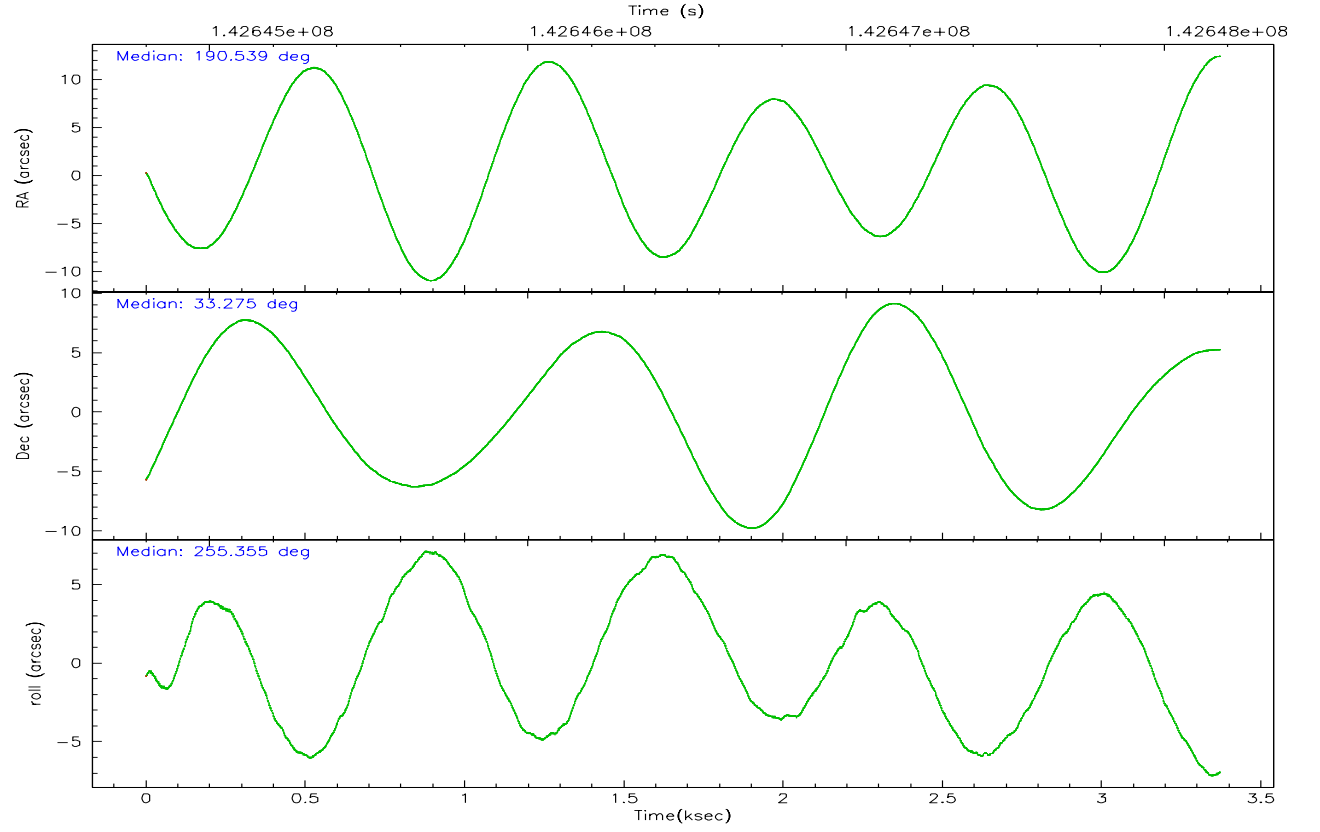
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	62	60	51	403
	2%	2%	1%	11%
grade 1 events	0	0	1	23
	0%	0%	0%	0%
grade 2 events	42	45	50	413
	1%	1%	1%	11%
grade 3 events	51	56	53	212
	1%	1%	1%	6%
grade 4 events	57	46	57	210
	1%	1%	1%	6%
grade 5 events	55	70	67	190
	1%	2%	1%	5%
grade 6 events	39	40	48	495
	1%	1%	1%	14%
grade 7 events	2776	2599	3268	1548
	90%	89%	90%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-2367	ACIS-2367	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	190.530278	190.5392489810401	Subarray requested	1/4	1/4
Pointing Dec	33.301540	33.27546015245238	Subarray start row	0	385
Pointing Roll	255.201820	255.35351186487	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	0.2
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	142646172.184000	142644626.2783			
Observation start date	2002-07-09T23:55:08	2002-07-09T23:30:26			
Observation end time	142648172.184000	142648881.05347			
Observation end date	2002-07-10T00:28:28	2002-07-10T00:41:21			
Read mode	TIMED	TIMED			

2.3 Aspect



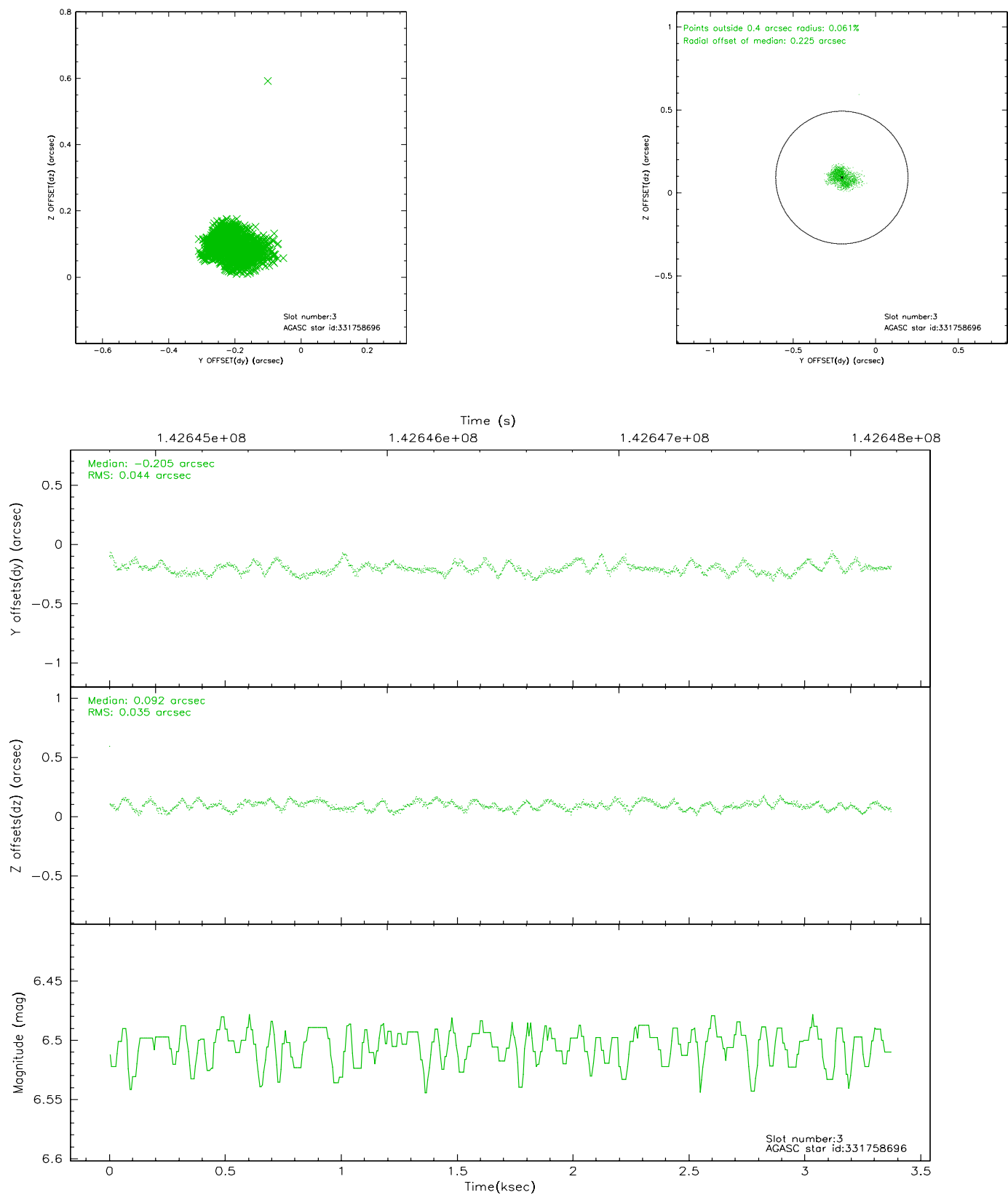


Slot Statistics

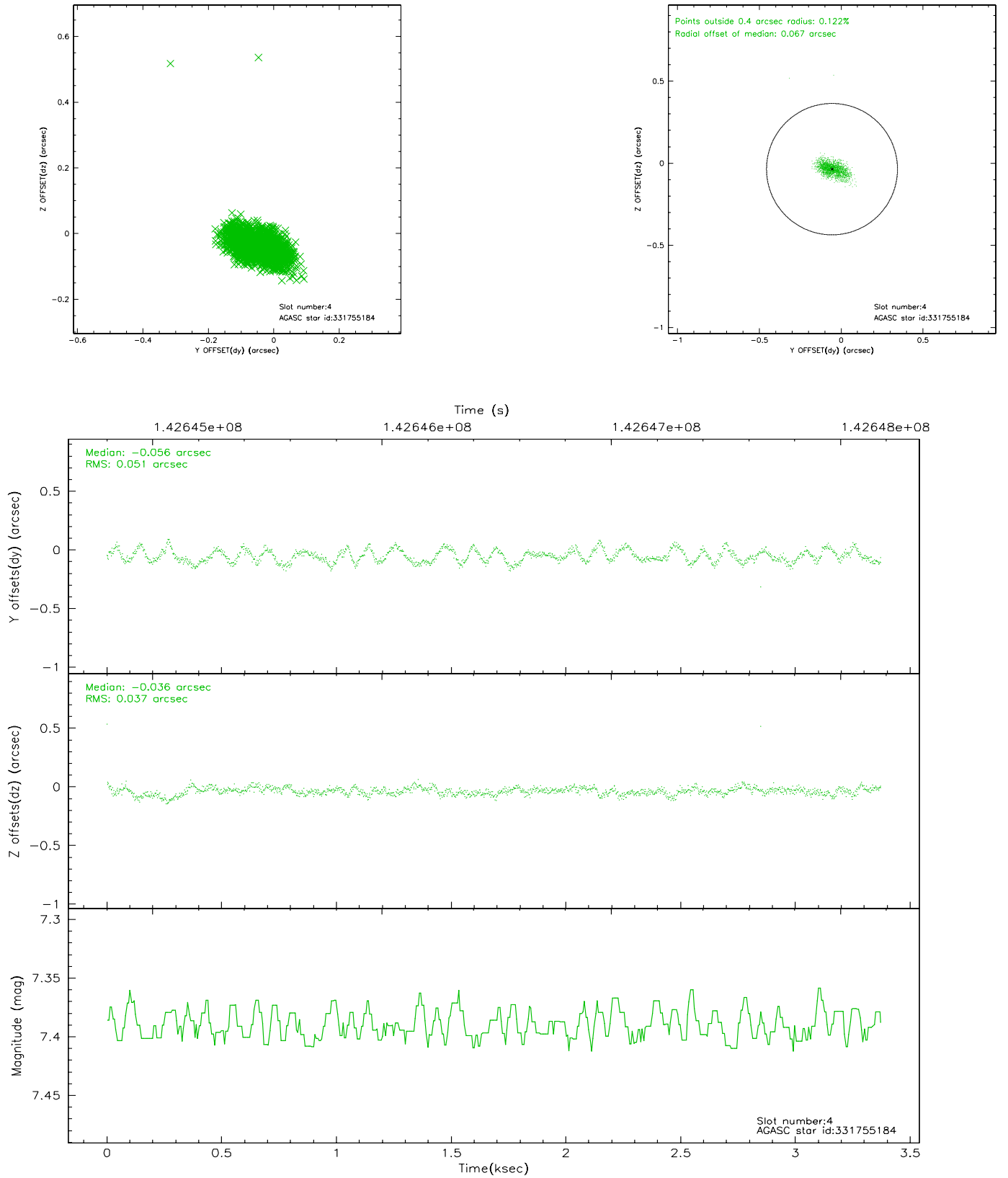
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	823	0.004	0.017	0.006	0.010	0.000000	0.000000	-755.82	-1729.24
1	FID	ACIS-S-4	7.20	823	-0.049	-0.007	0.005	0.009	0.000000	0.000000	2156.57	177.25
2	FID	ACIS-S-5	7.24	823	0.013	-0.001	0.006	0.009	0.000000	0.000000	-1806.22	173.10
3	GUIDE	331758696	6.50	1645	-0.205	0.092	0.060	0.091	190.573893	33.688583	-1380.65	-228.65
4	GUIDE	331755184	7.39	1645	-0.056	-0.036	0.063	0.106	191.432991	33.541306	-1538.91	2396.49
5	GUIDE	331755928	8.87	1644	0.002	-0.124	0.067	0.107	190.670595	33.439059	-587.83	283.64
6	GUIDE	331756840	9.13	1645	0.229	-0.033	0.067	0.110	190.519091	32.862982	1534.72	372.01
7	GUIDE	331754696	9.20	1644	0.029	0.101	0.084	0.137	190.978789	32.921163	975.66	1661.01

2.4 Star Slots

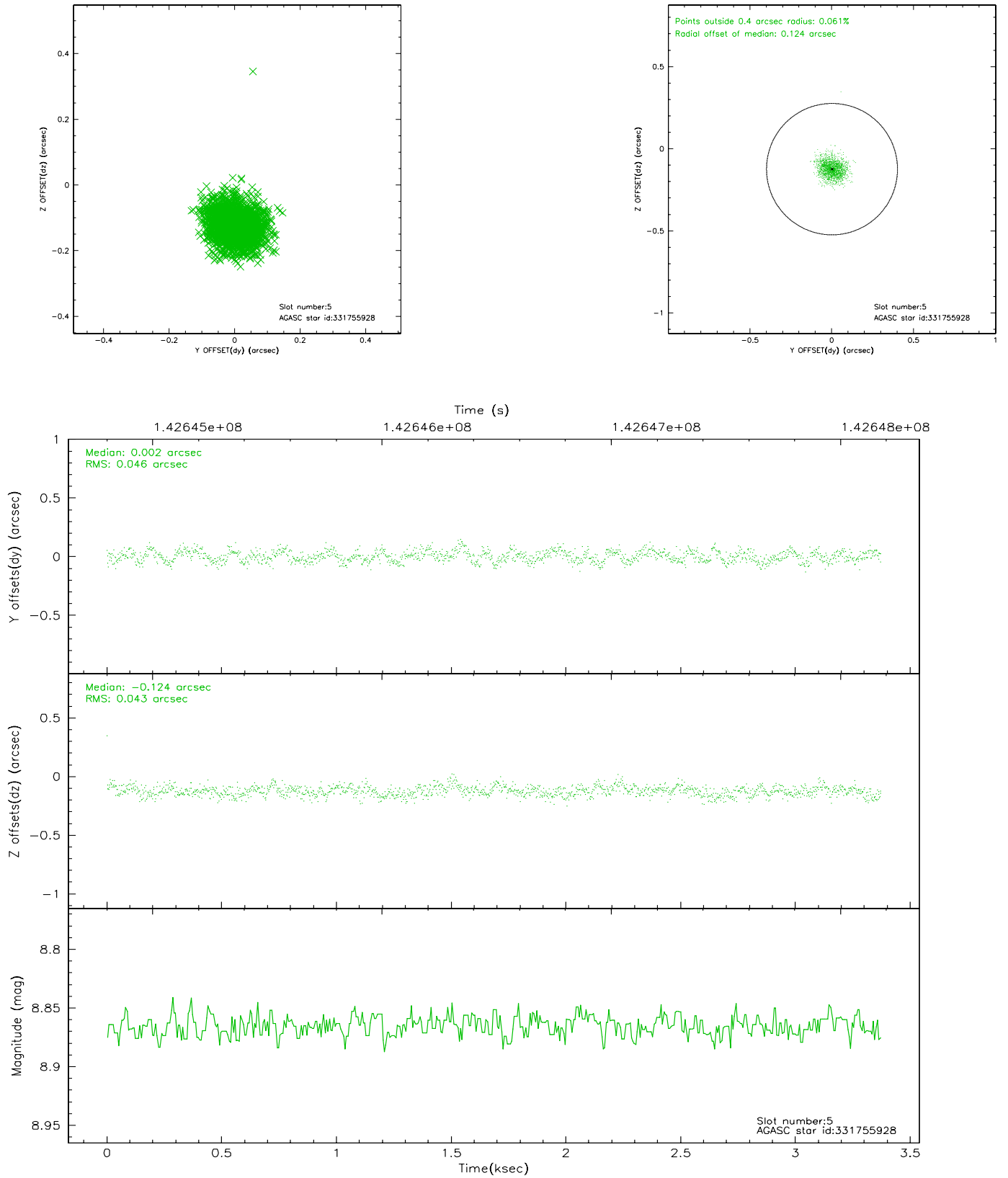
2.4.1 Slot 3



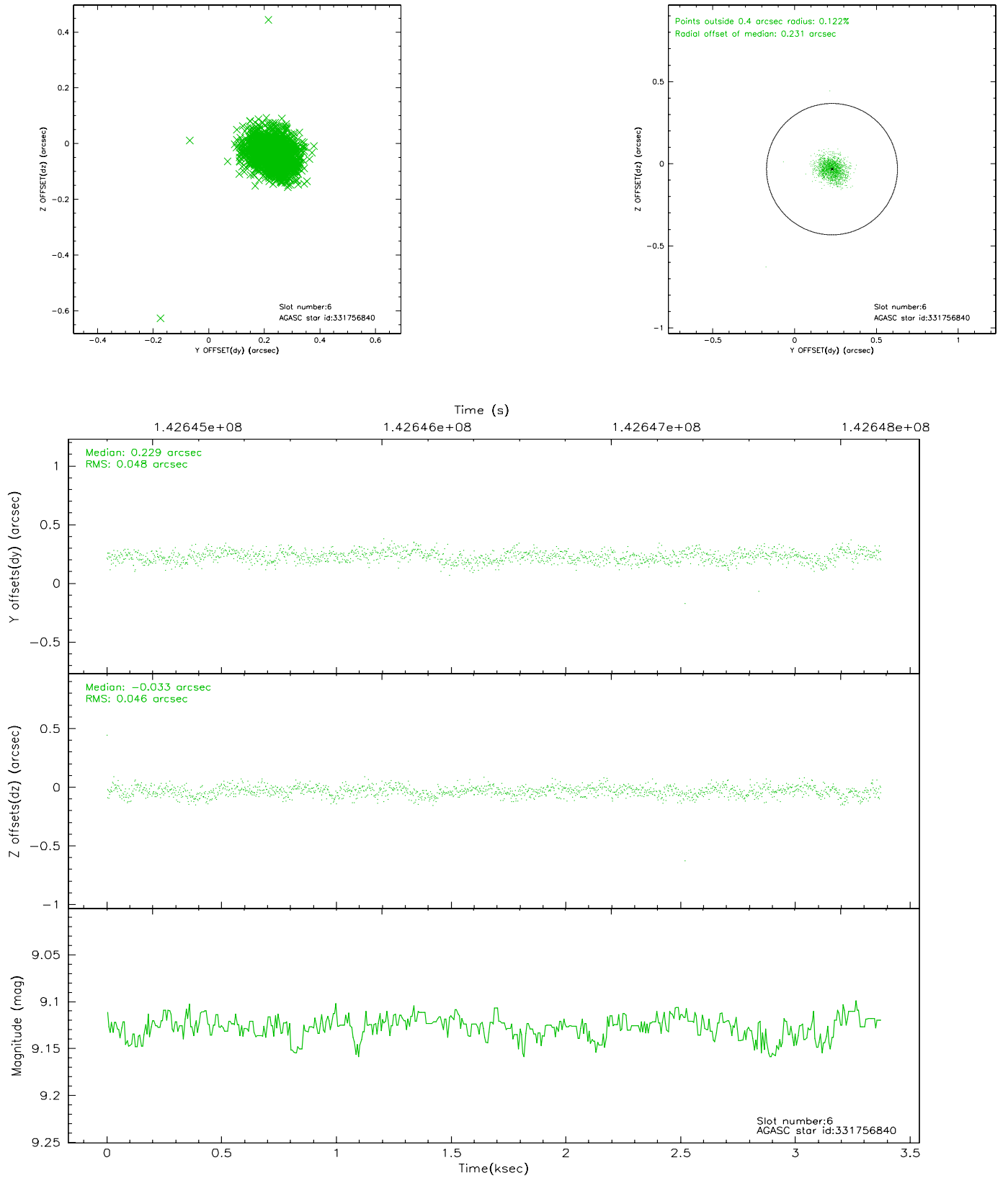
2.4.2 Slot 4



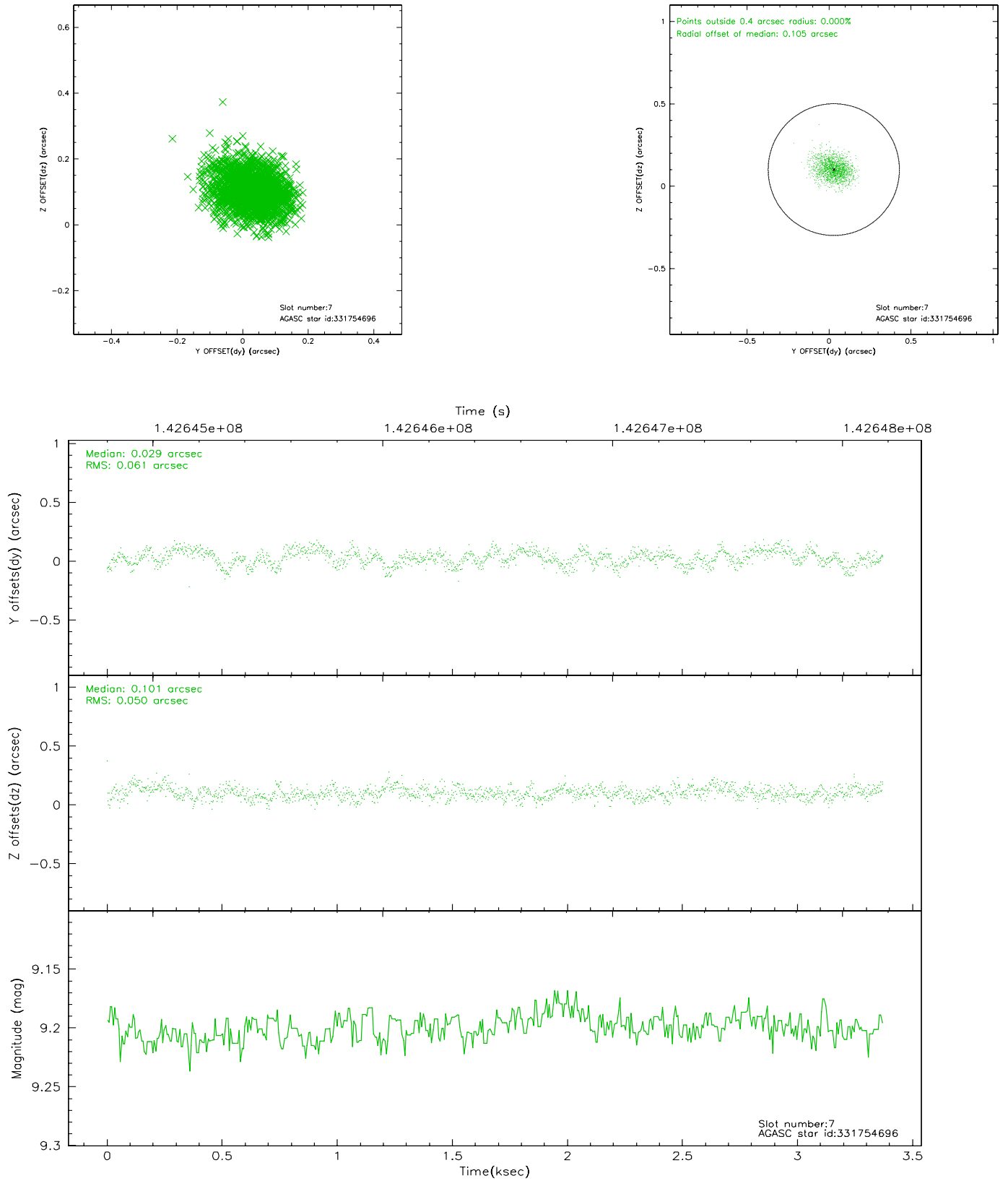
2.4.3 Slot 5



2.4.4 Slot 6

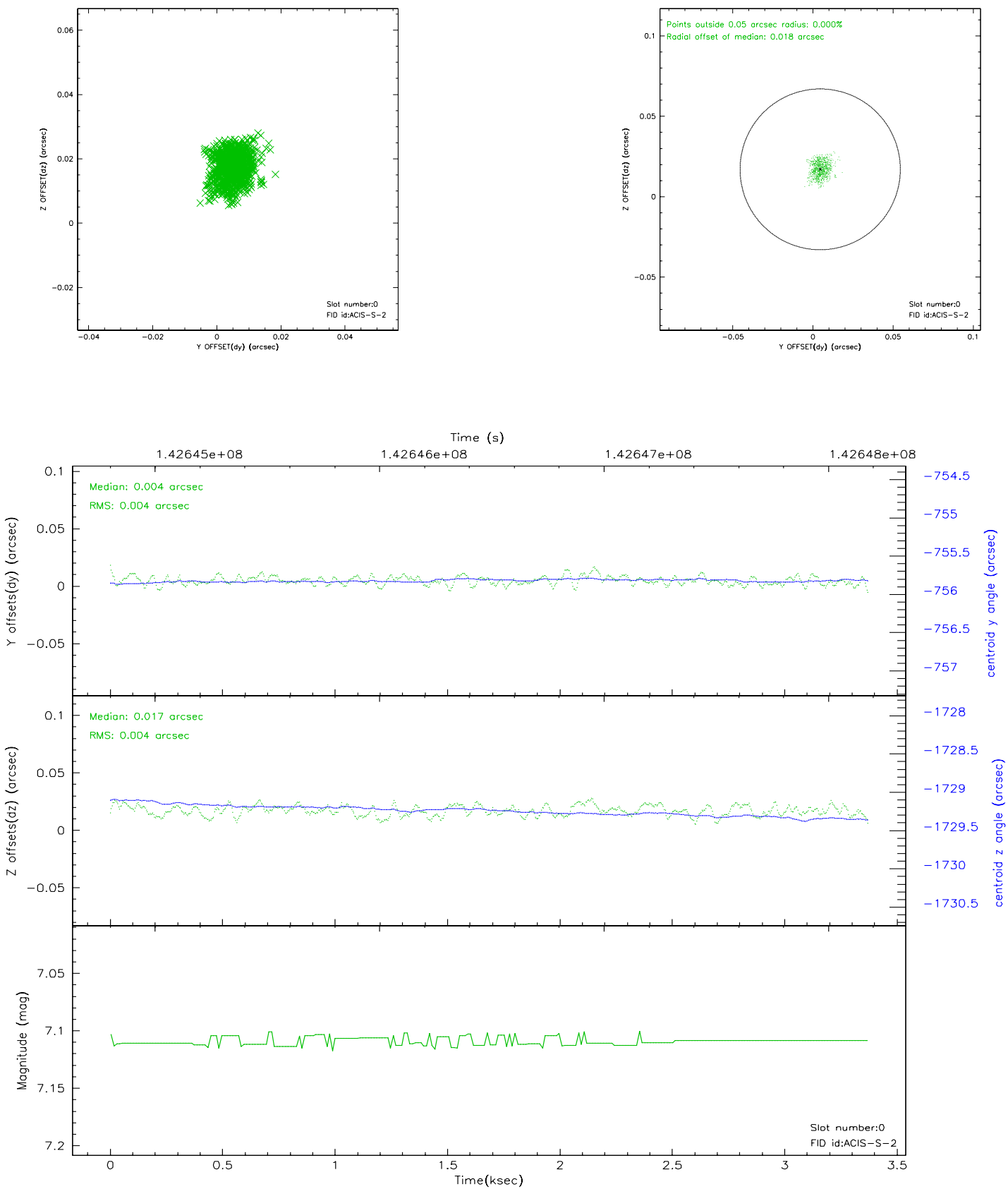


2.4.5 Slot 7

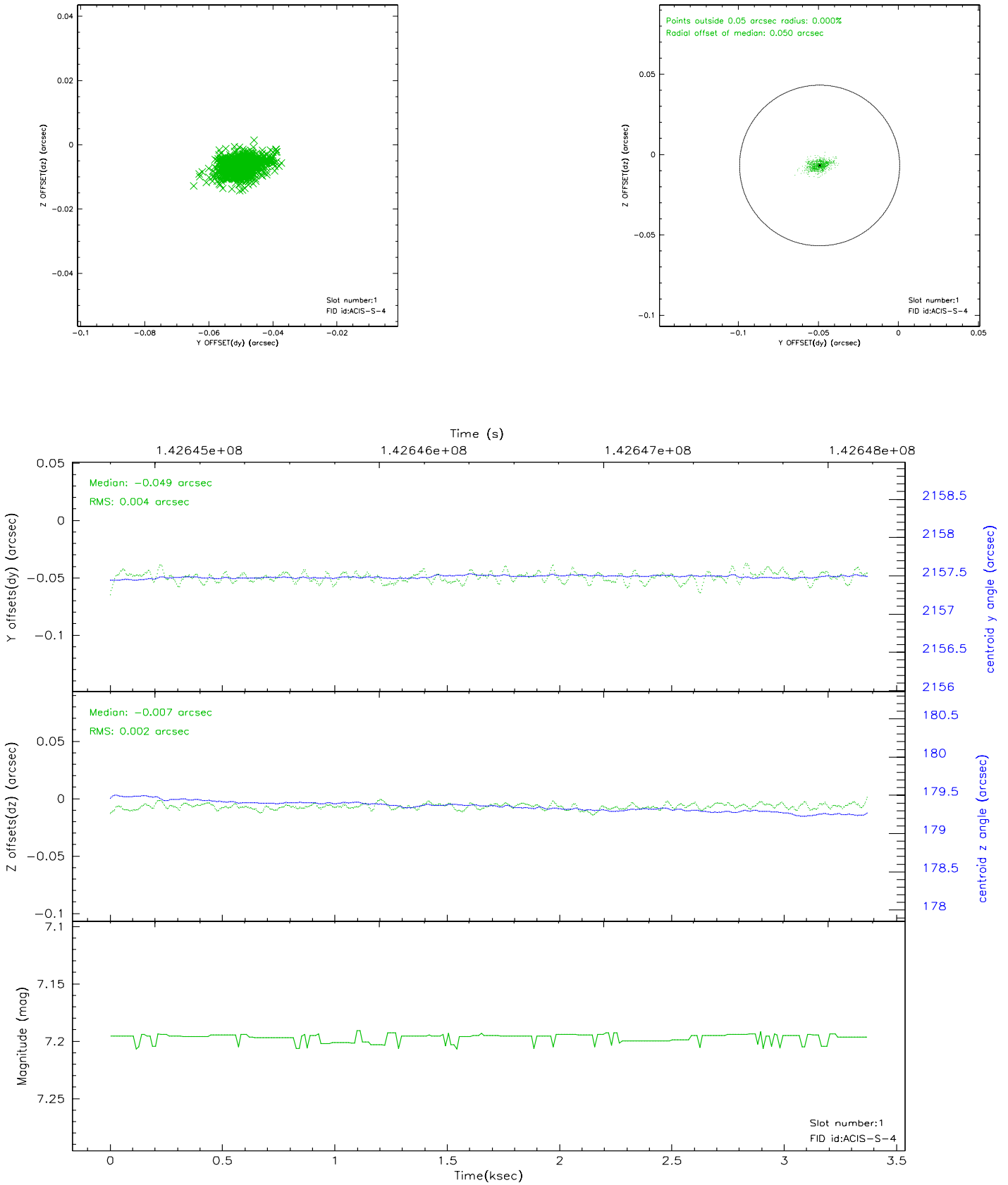


2.5 FID Slots

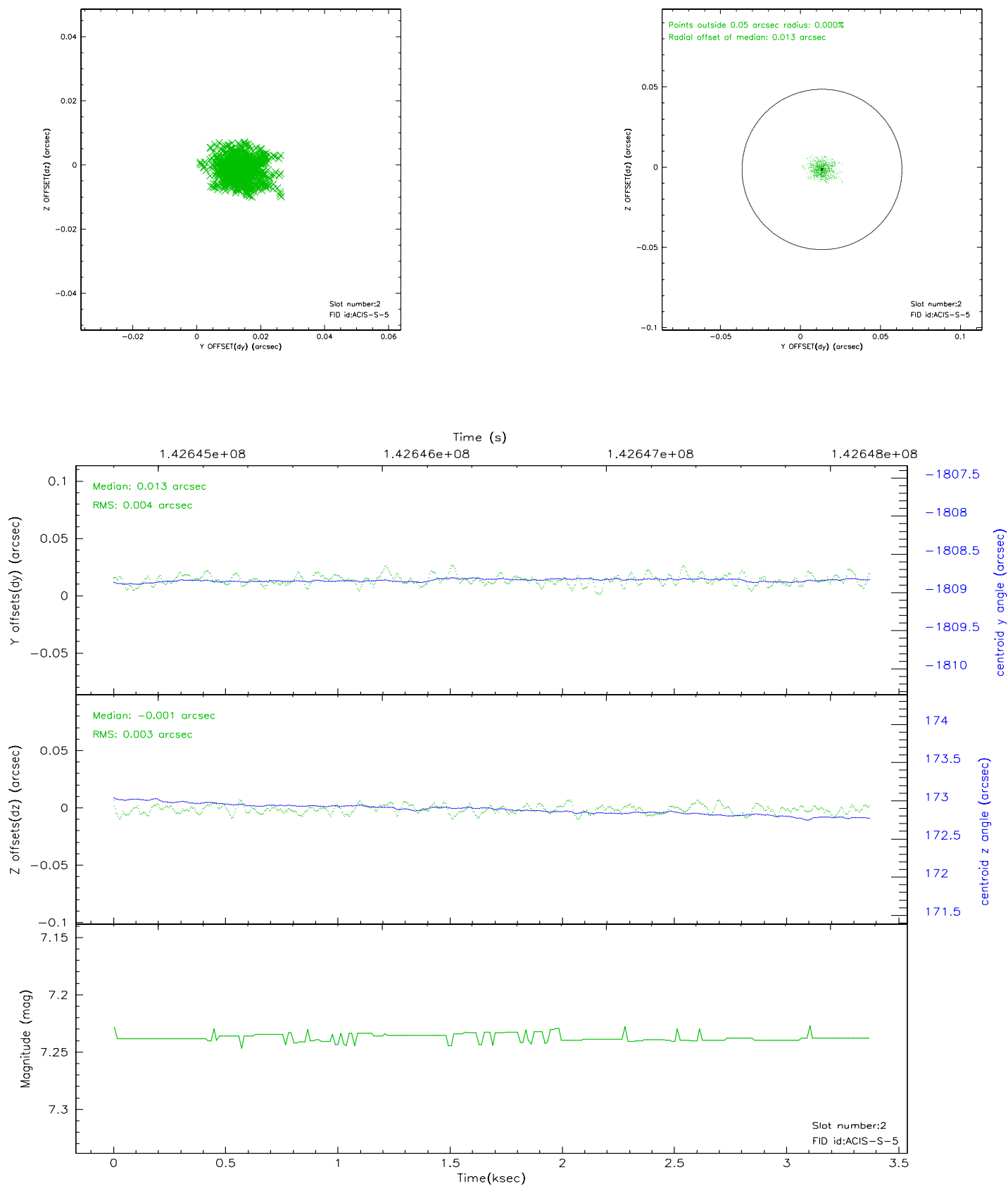
2.5.1 Slot 0



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)	2006.09.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.602

A.2 Comments