

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 5260 - L2 Version 001  
Chandra X-Ray Center

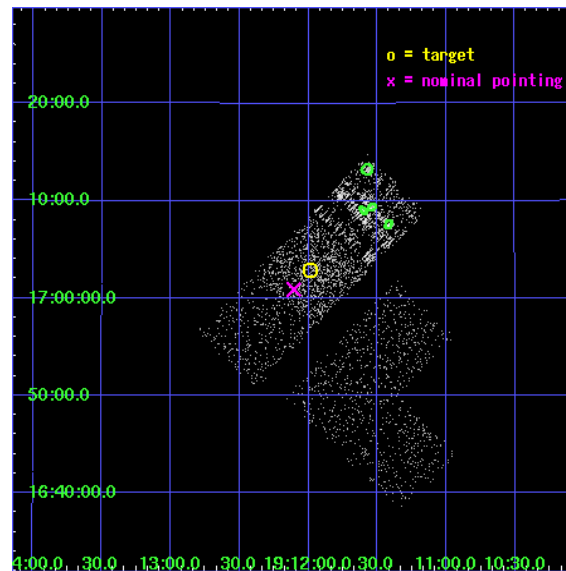
L2 Processing Date : Jun 26 2006

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# 1 Front

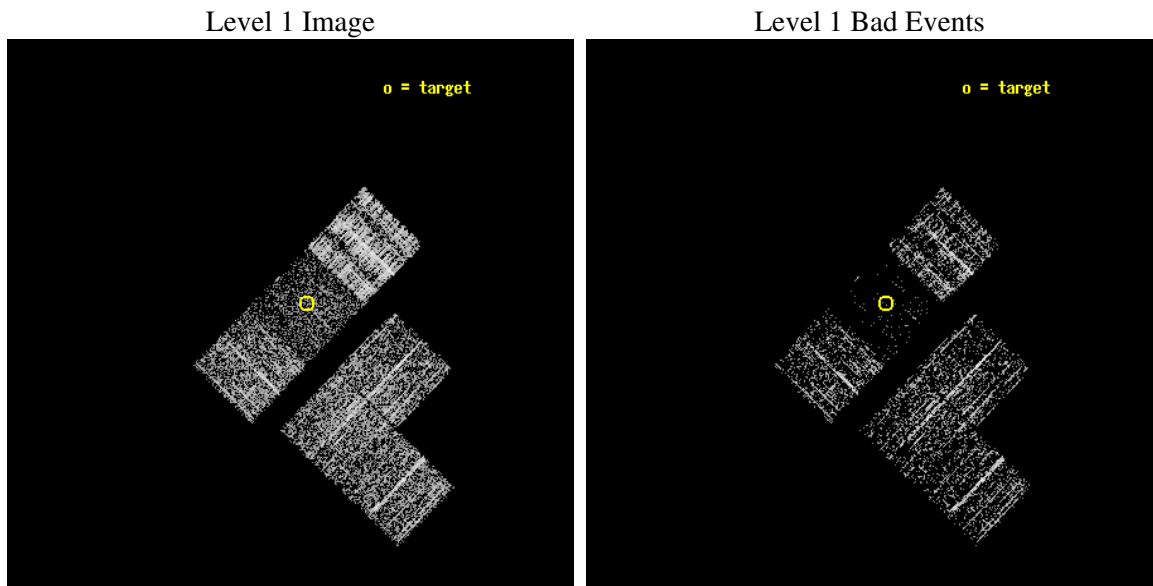
seq_num	100051
obs_id	5260
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.99623
dec_targ	17.0474
ra_nom	288.02649303673
dec_nom	17.015170462256
roll_nom	314.14776373287
revision	2
ontime	1475.1999945045
livetime	1456.5201239152
ontime0	1475.1999945045
ontime2	1475.1999945045
ontime3	1475.1999945045
ontime6	1475.1999945045
ontime7	1475.1999945045
ontime8	1475.1999945045
l2events	4341



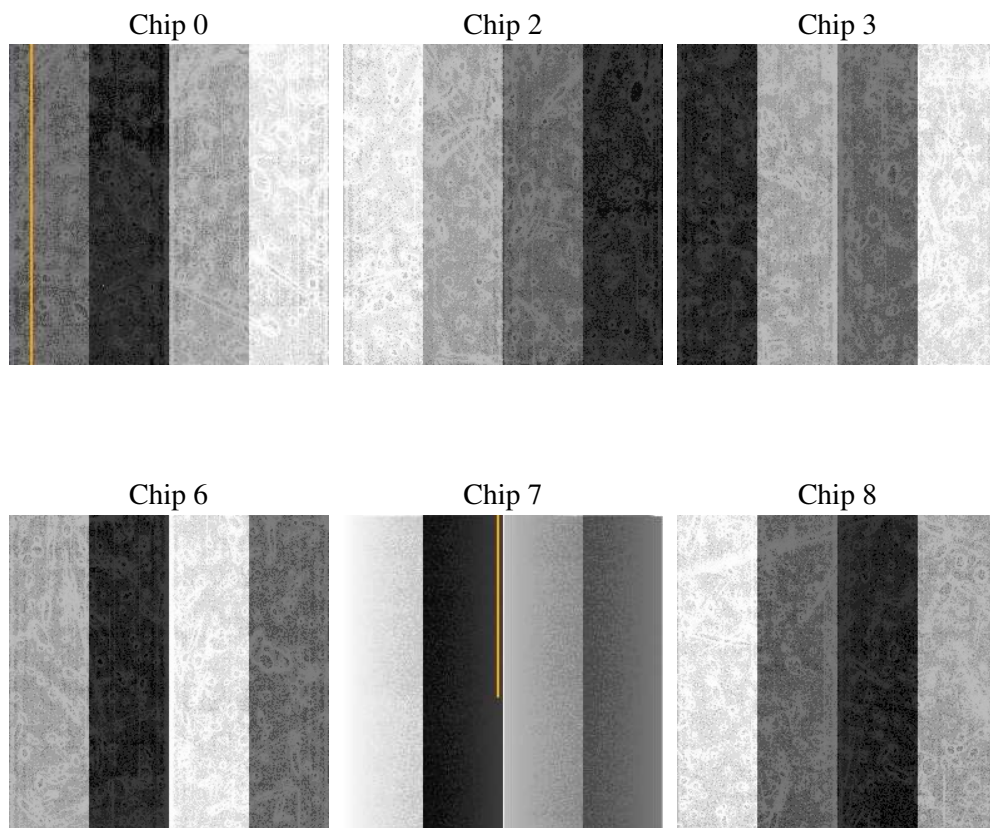
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-26T18:22:19
revision	2

sched_exp_time	1289.115000
ontime	1798.7560478151
ontime0	1798.7560478151
ontime2	1798.7560478151
ontime3	1798.7560478151
ontime6	1798.7560478151
ontime7	1798.7560478151
ontime8	1798.7560478151
l1events	41443

### 2.1.4 Events

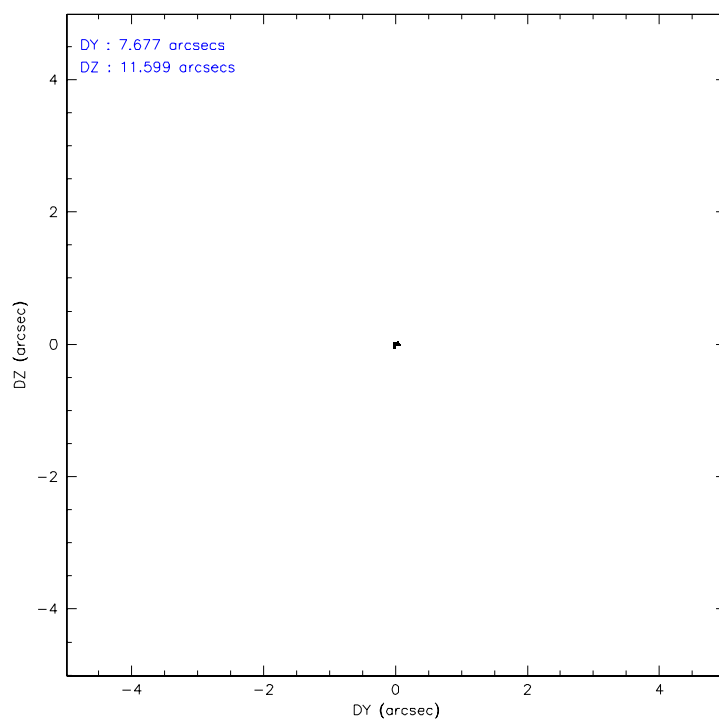
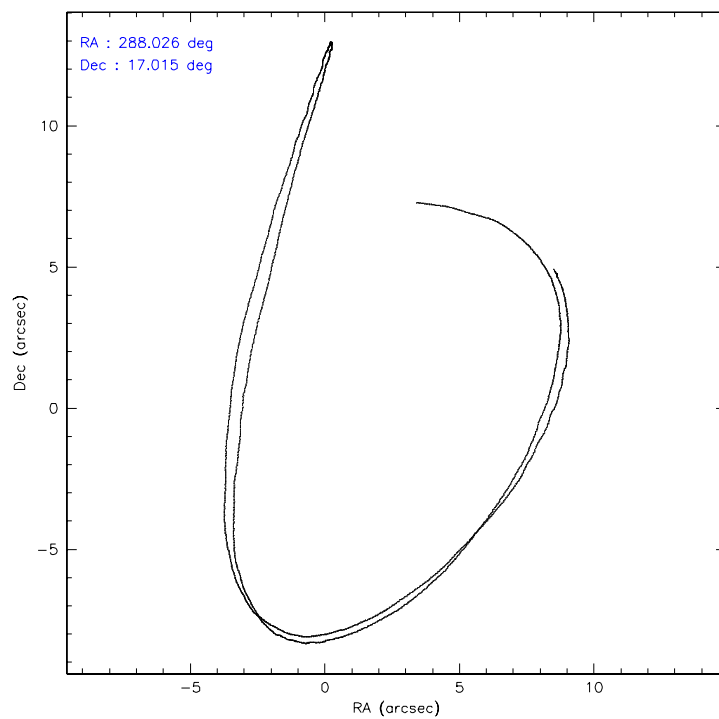
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6257	6489	6519	6485	2310	13383
rejected events	5786	5962	6131	5960	990	8276
rejected %	92%	91%	94%	91%	42%	61%

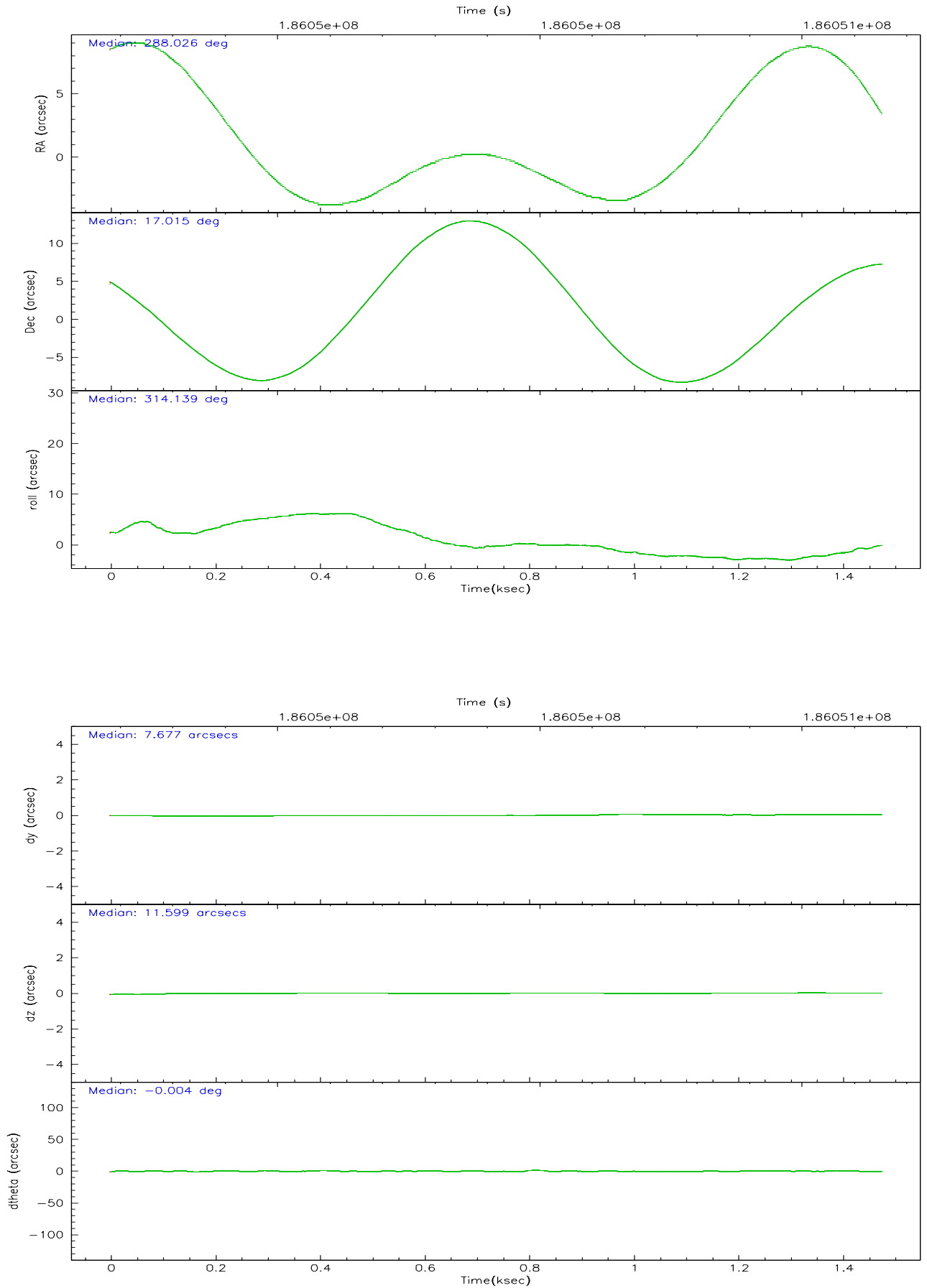
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	260	280	228	296	370	1841
	4%	4%	3%	4%	16%	13%
grade 1 events	4	1	2	2	4	14
	0%	0%	0%	0%	0%	0%
grade 2 events	139	185	91	150	491	1044
	2%	2%	1%	2%	21%	7%
grade 3 events	55	49	43	76	168	1063
	0%	0%	0%	1%	7%	7%
grade 4 events	51	80	42	57	147	969
	0%	1%	0%	0%	6%	7%
grade 5 events	46	50	55	61	135	203
	0%	0%	0%	0%	5%	1%
grade 6 events	61	62	58	57	433	1613
	0%	0%	0%	0%	18%	12%
grade 7 events	5641	5782	6000	5786	562	6636
	90%	89%	92%	89%	24%	49%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-023678	ACIS-023678	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	287.998611	288.0264930367259	Alternating exposures requested	N	N
Pointing Dec	17.022484	17.01517046225615	Primary exposure time	0.000000	3.2
Pointing Roll	313.999297	314.1477637328678			
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	186049864.184000	186049488.23173			
Observation start date	2003-11-24T08:30:00	2003-11-24T08:24:48			
Observation end time	186051154.184000	186051287.61931			
Observation end date	2003-11-24T08:51:30	2003-11-24T08:54:47			
Read mode	TIMED	TIMED			

## 2.3 Aspect





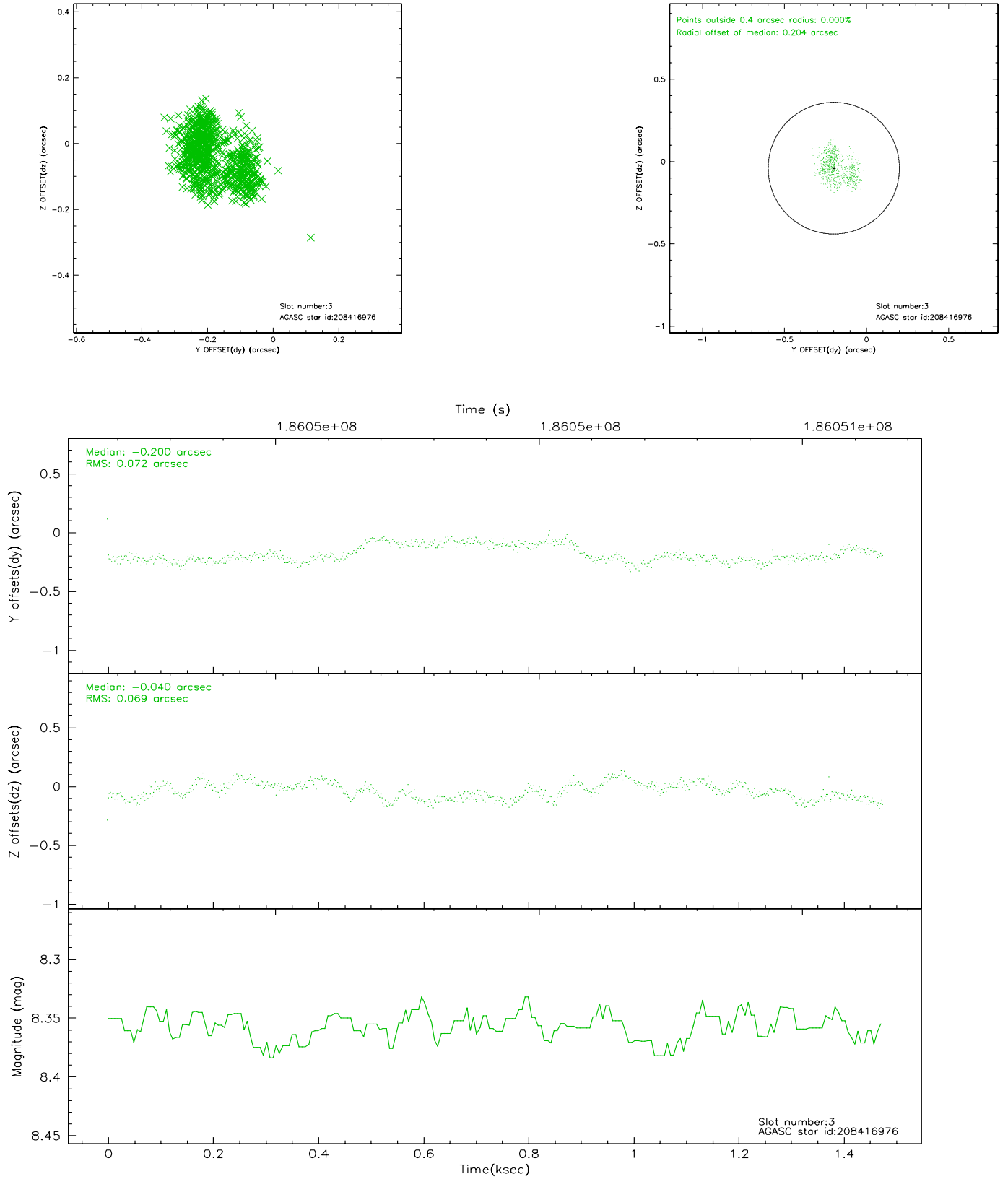
### Slot Statistics

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	361	-0.003	0.021	0.006	0.010	0.000000	0.000000	-760.44	-1732.87
1	FID	ACIS-S-4	7.20	361	0.005	-0.004	0.005	0.008	0.000000	0.000000	2150.79	170.97
2	FID	ACIS-S-5	7.22	360	-0.033	-0.008	0.006	0.010	0.000000	0.000000	-1807.56	169.70
3	GUIDE	208416976	8.36	721	-0.200	-0.040	0.111	0.162	287.326965	17.073967	-1742.86	-1531.99
4	GUIDE	208421840	9.21	721	0.019	-0.047	0.086	0.136	287.570311	16.918850	-760.86	-1321.70
5	GUIDE	209596088	9.37	721	0.166	-0.035	0.106	0.166	288.150718	16.305149	2220.75	-1417.50
6	GUIDE	210120944	8.42	721	-0.011	0.078	0.063	0.105	288.245736	17.506735	-663.42	1819.49
7	GUIDE	209585448	7.94	720	0.013	0.048	0.075	0.104	288.114724	16.850123	723.02	-140.88

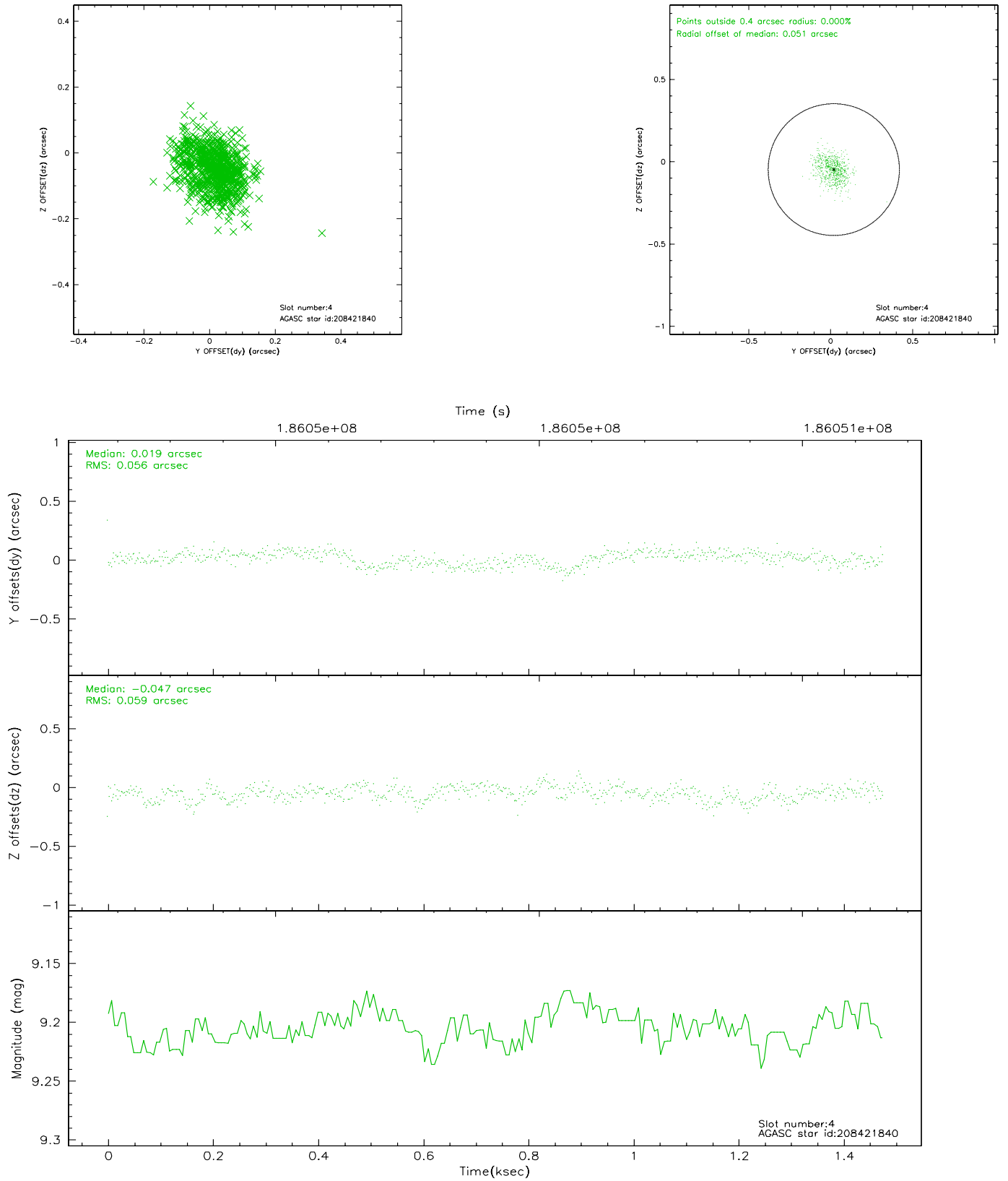


## 2.4 Star Slots

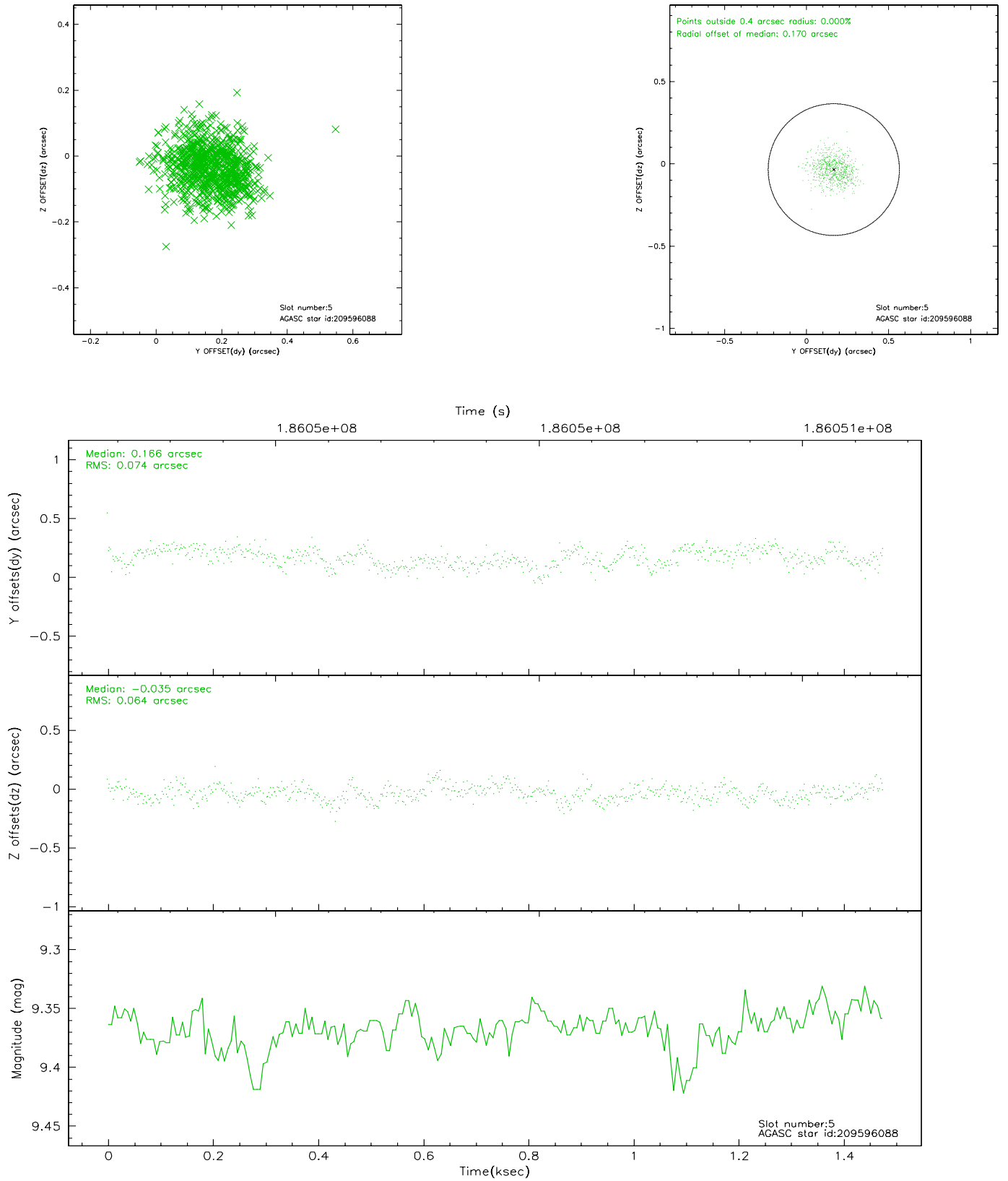
### 2.4.1 Slot 3



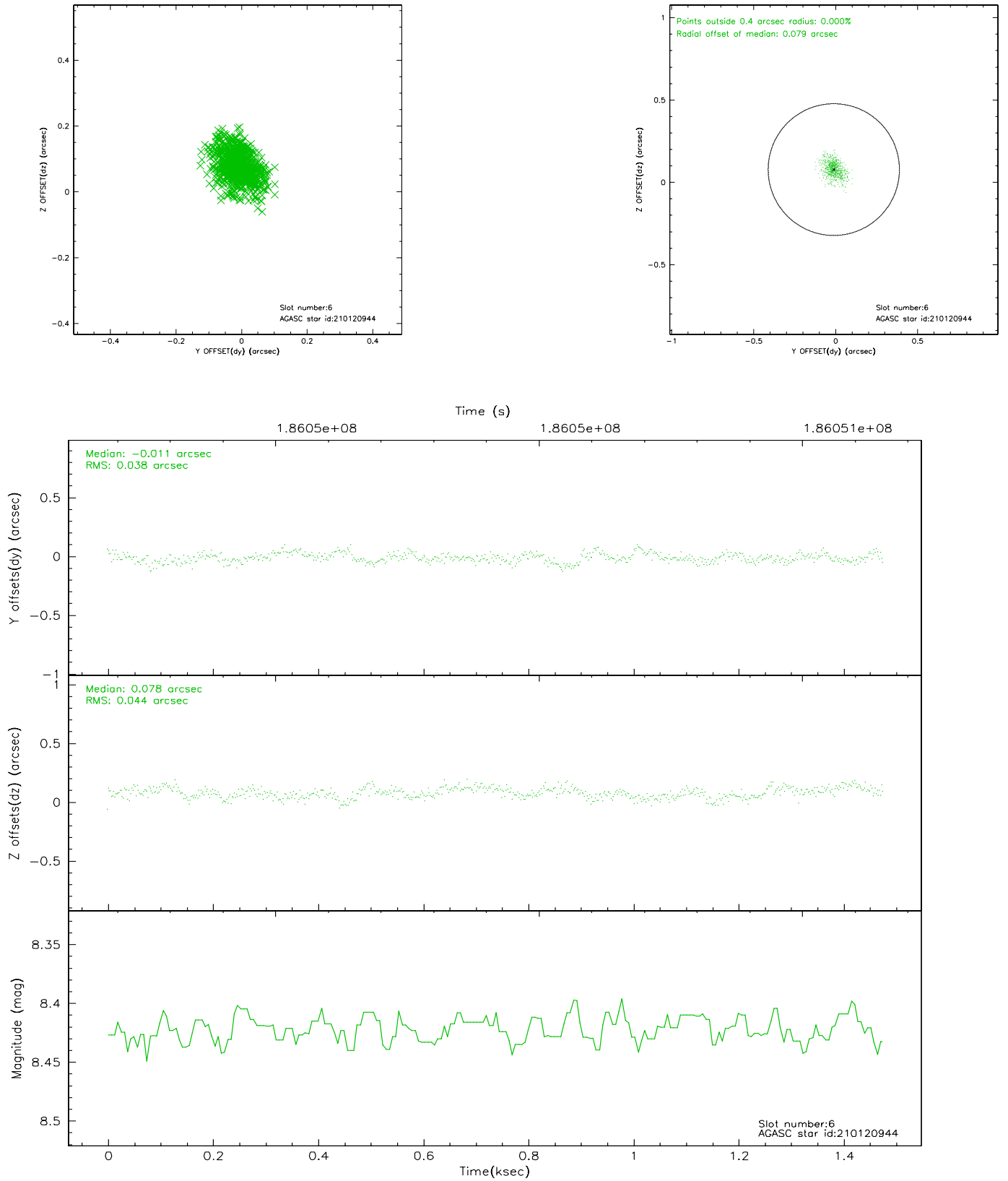
## 2.4.2 Slot 4



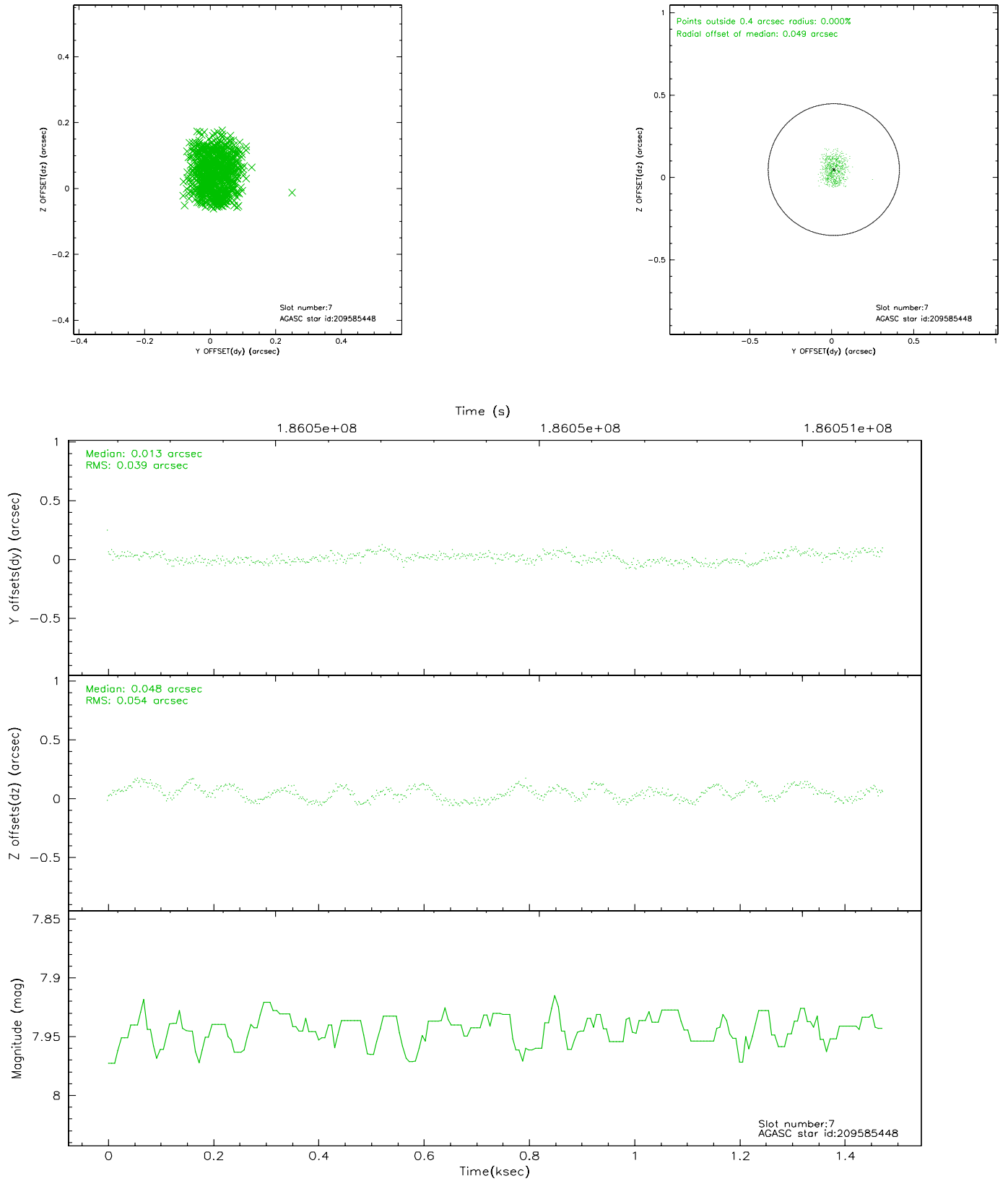
### 2.4.3 Slot 5



## 2.4.4 Slot 6

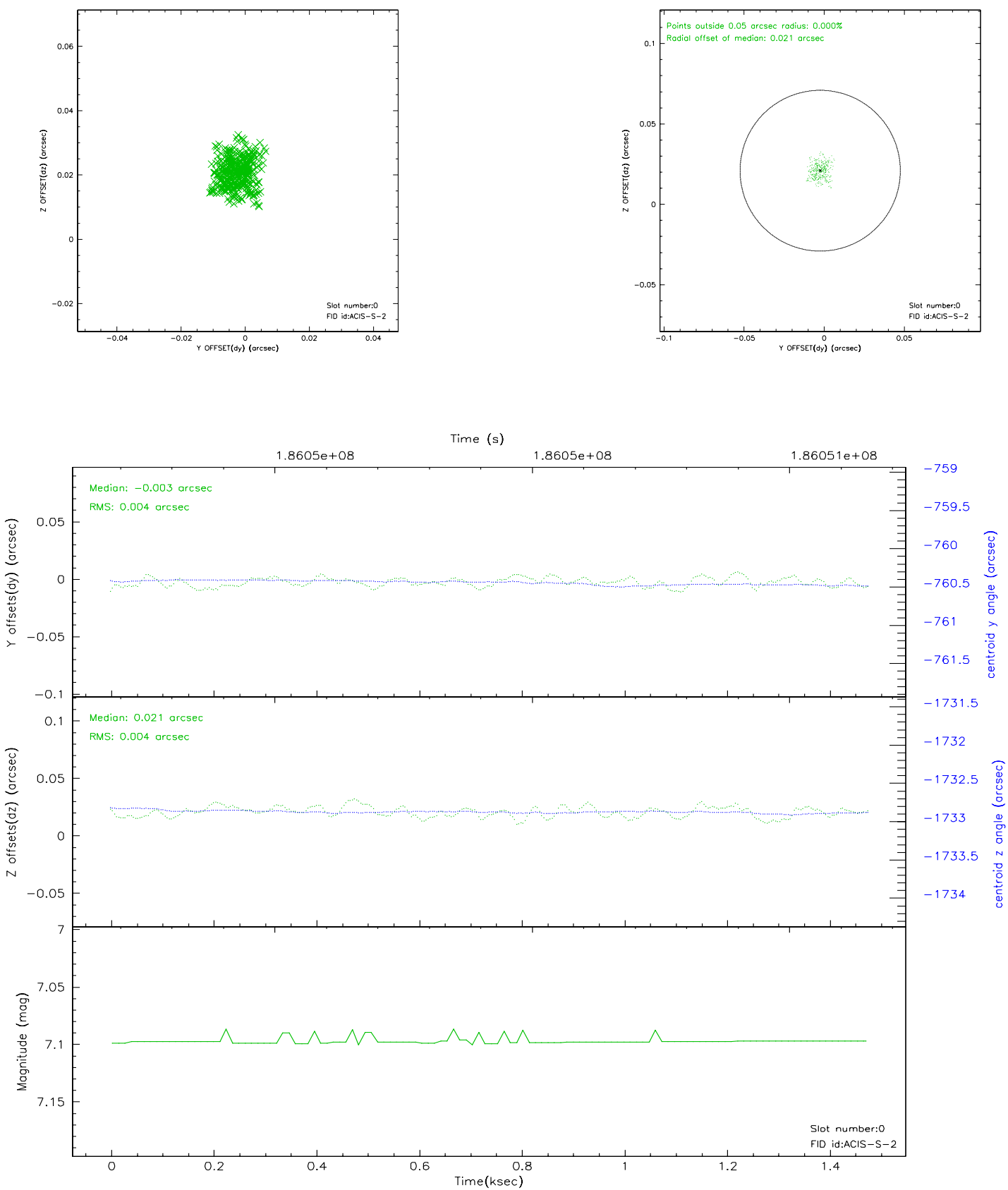


## 2.4.5 Slot 7

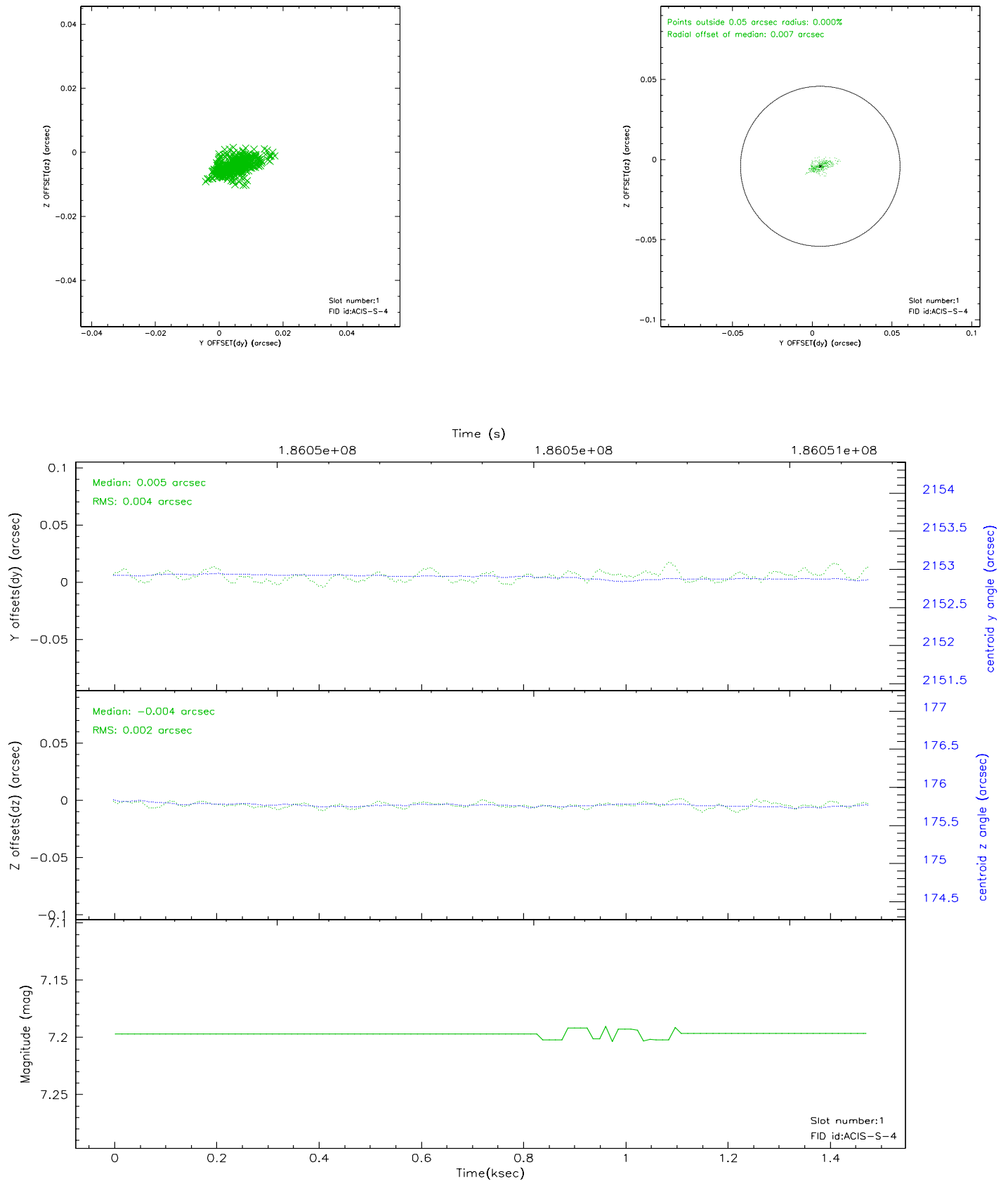


## 2.5 FID Slots

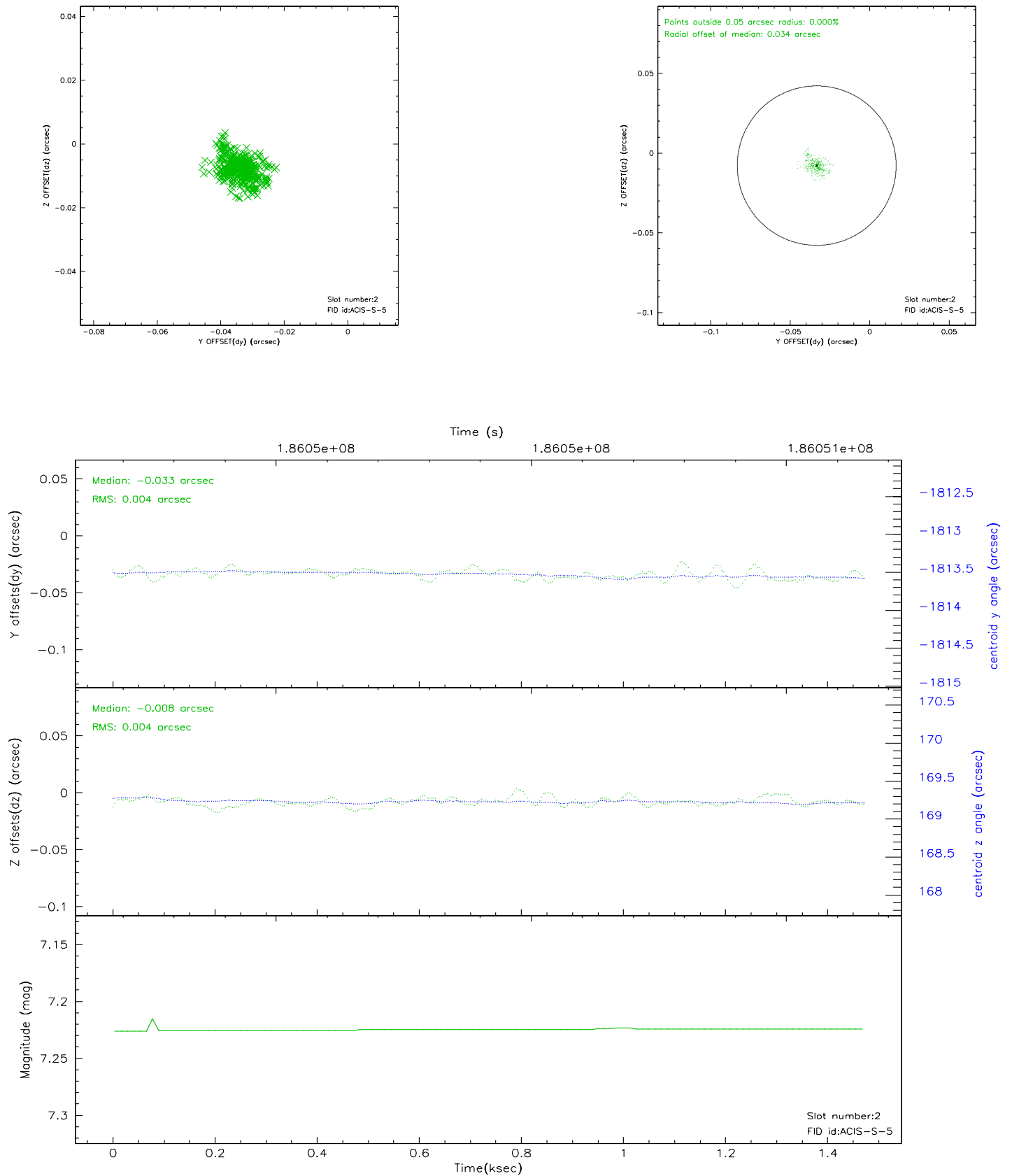
### 2.5.1 Slot 0



## 2.5.2 Slot 1

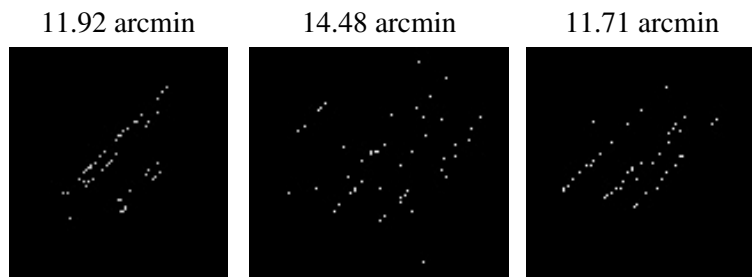


### 2.5.3 Slot 2





### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.475

### A.2 Comments