

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 1034 - L2 Version 001  
Chandra X-Ray Center

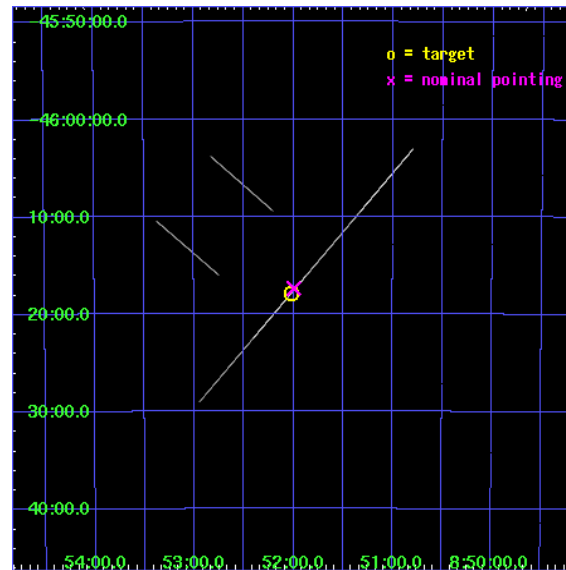
L2 Processing Date : Jan 3 2007

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# 1 Front

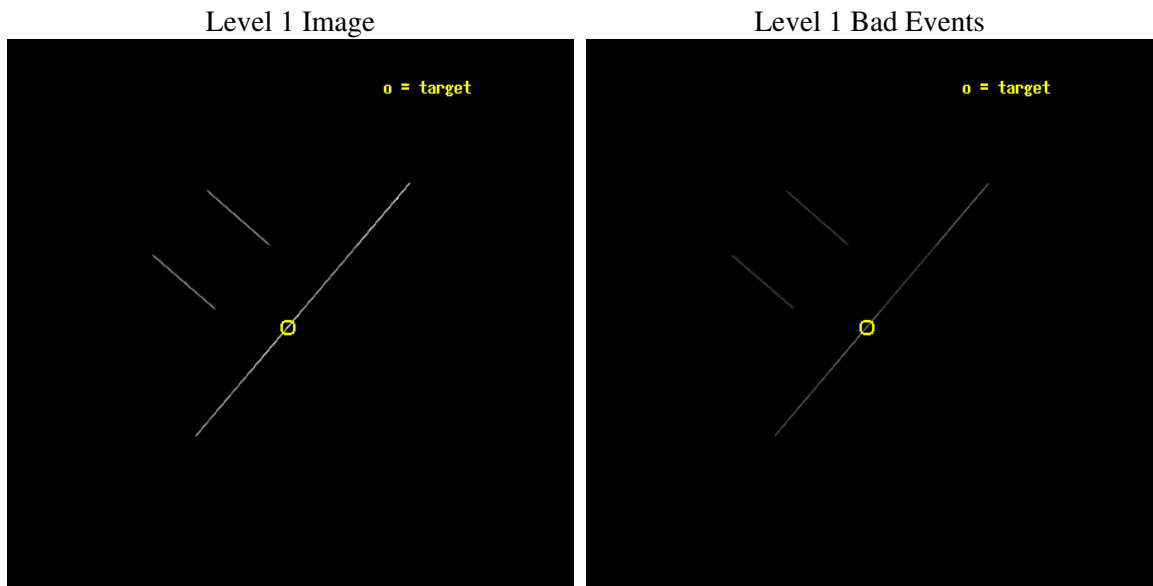
seq_num	500100
obs_id	1034
title	NEAREST SNR
observer	Professor Gordon Garmire
object	RX J0852.0-4622
ra_targ	133.00575
dec_targ	-46.29815
ra_nom	132.99864073303
dec_nom	-46.289737197351
roll_nom	130.5867633589
revision	3
ontime	31484.25
livetime	31361.264648438
ontime2	31482.790138856
ontime3	31484.25
ontime5	31484.25
ontime6	31484.25
ontime7	31484.25
ontime8	31484.25
l2events	634722



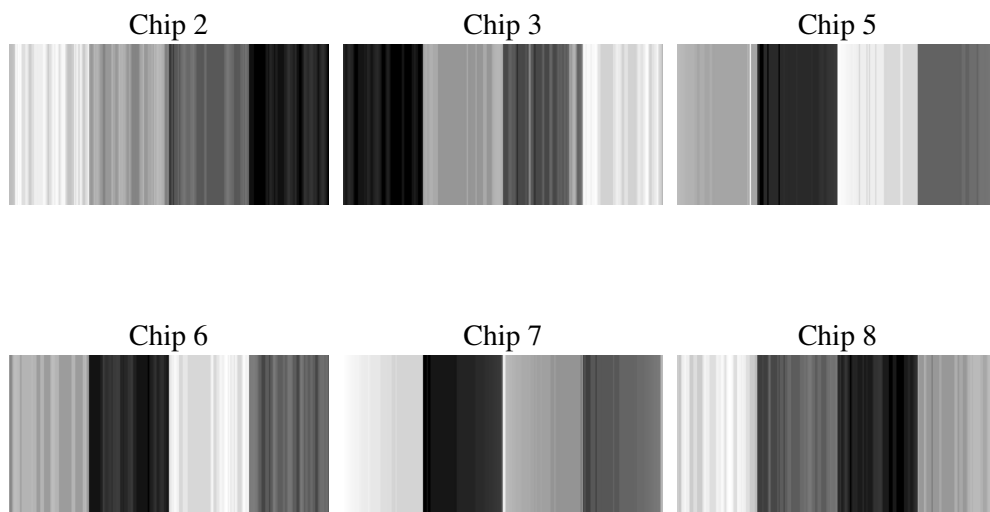
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2007-01-03T14:47:41
revision	3

sched_exp_time	31000.000000
ontime	32049.425813943
ontime2	32047.94667156
ontime3	32050.953861788
ontime5	32049.426482201
ontime6	32049.426154807
ontime7	32049.425813943
ontime8	32050.884176865
l1events	839045

### 2.1.4 Events

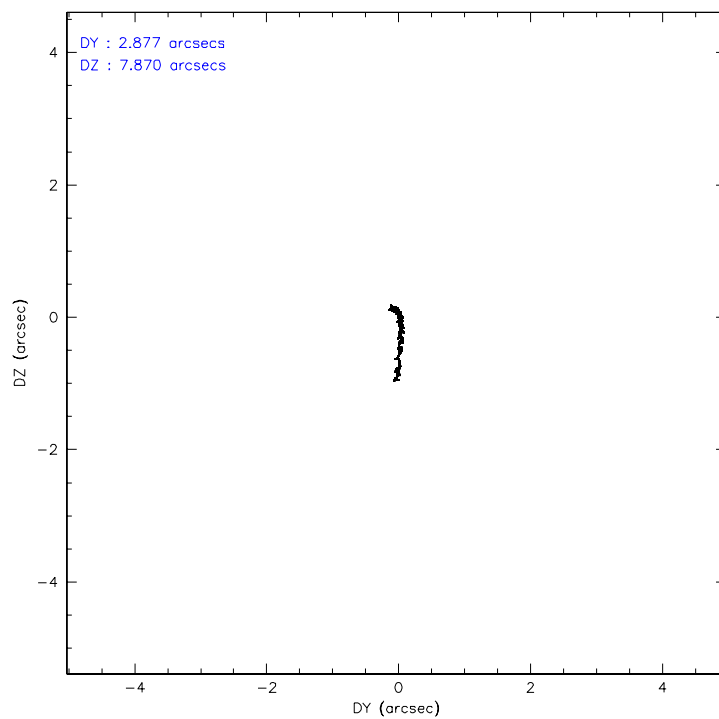
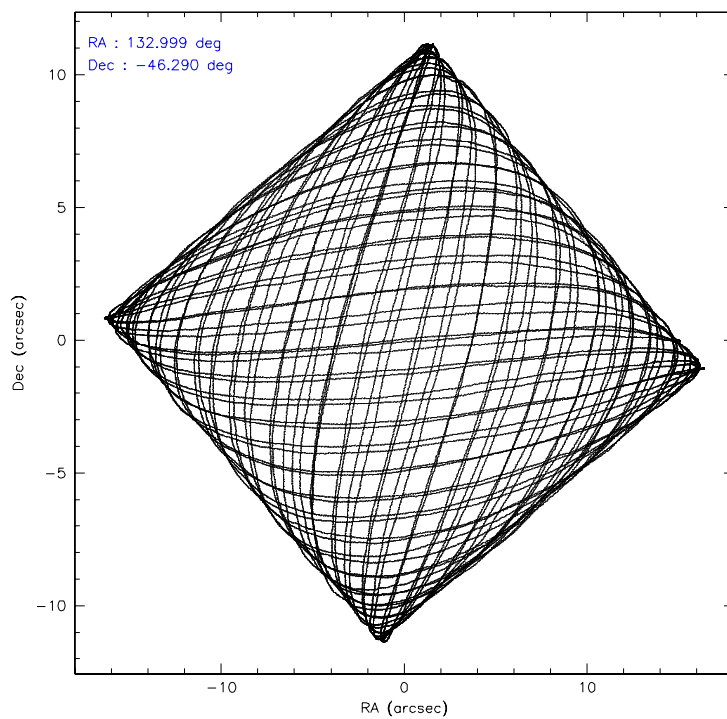
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	60907	56055	285462	96644	239180	100797
rejected events	7709	8130	20919	9087	23584	12958
rejected %	12%	14%	7%	9%	9%	12%

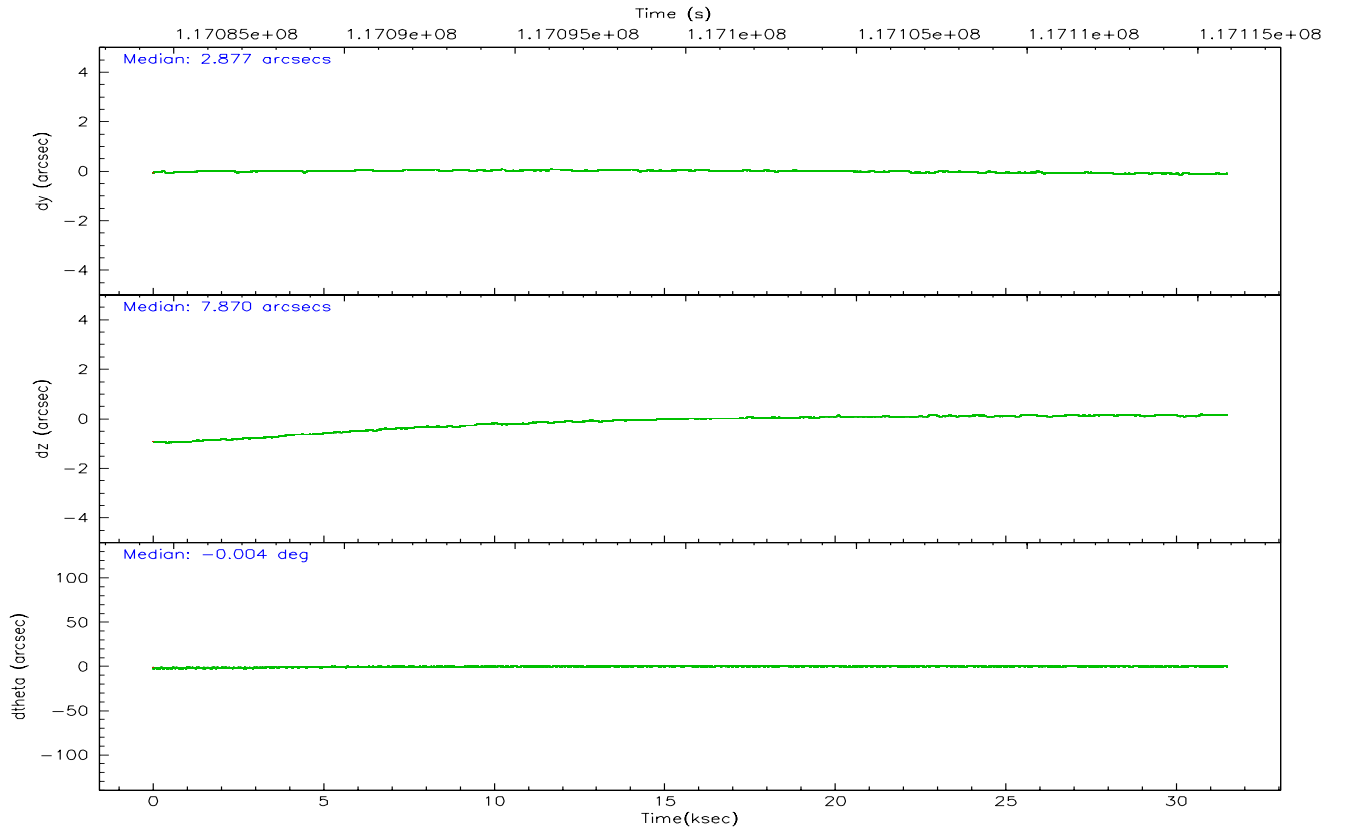
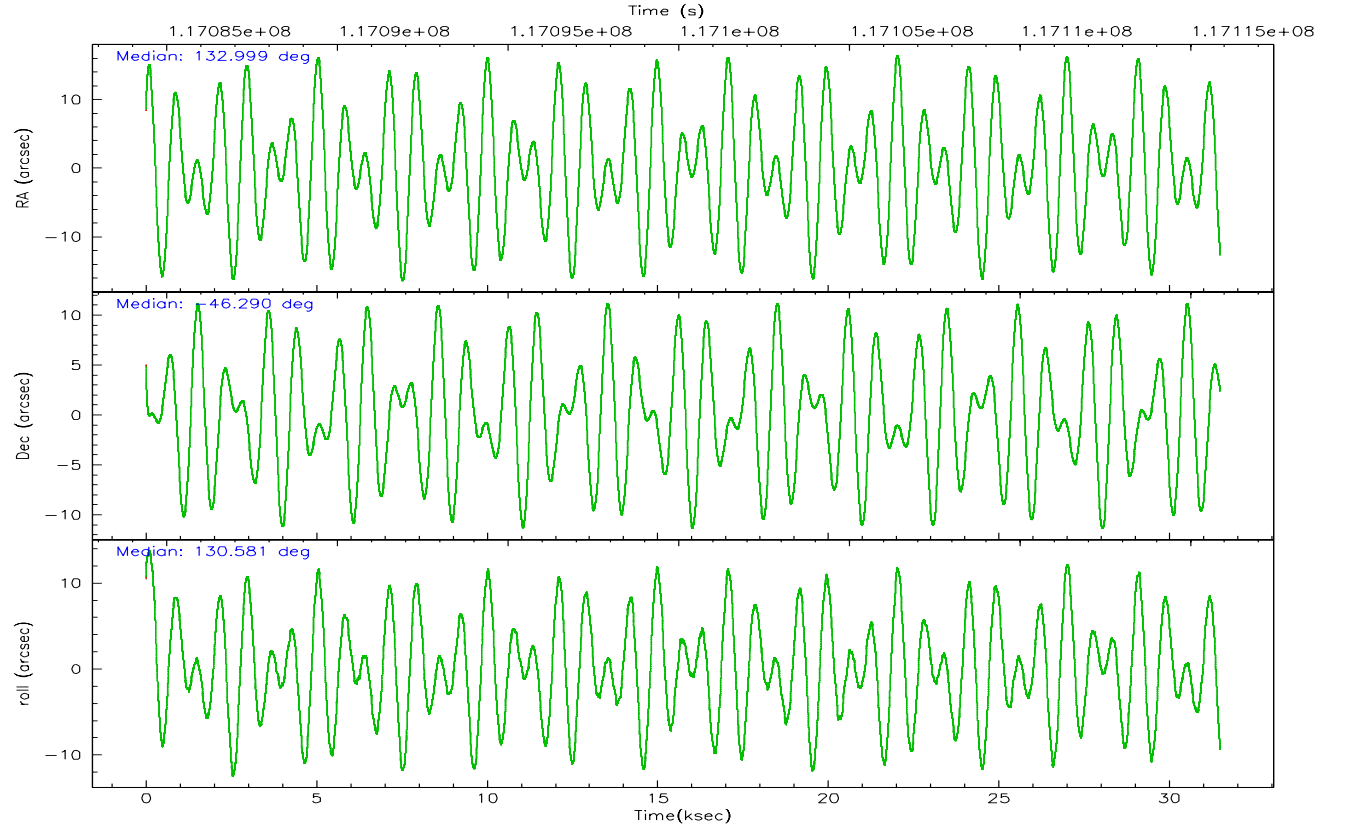
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	10165	7950	76830	19335	51767	22411
	16%	14%	26%	20%	21%	22%
grade 1 events	136	129	225	161	259	282
	0%	0%	0%	0%	0%	0%
grade 2 events	26333	22172	79806	50091	55995	30324
	43%	39%	27%	51%	23%	30%
grade 3 events	5147	5769	8896	5122	15486	8943
	8%	10%	3%	5%	6%	8%
grade 4 events	5107	5019	8566	5053	15267	8746
	8%	8%	3%	5%	6%	8%
grade 5 events	6855	7268	16707	7907	20495	11056
	11%	12%	5%	8%	8%	10%
grade 6 events	7164	7748	94432	8975	79911	19035
	11%	13%	33%	9%	33%	18%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	133.035995	132.9986407330302	Subarray requested	NONE	NONE
Pointing Dec	-46.298509	-46.2897371973508	Alternating exposures requested	N	N
Pointing Roll	130.457141	130.5867633589022	Primary exposure time	0.000000	0
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	117084873.184000	117083750.27225			
Observation start date	2001-09-17T03:33:29	2001-09-17T03:15:50			
Observation end time	117115873.184000	117116818.31105			
Observation end date	2001-09-17T12:10:09	2001-09-17T12:26:58			
Read mode	CONTINUOUS	CONTINUOUS			

## 2.3 Aspect





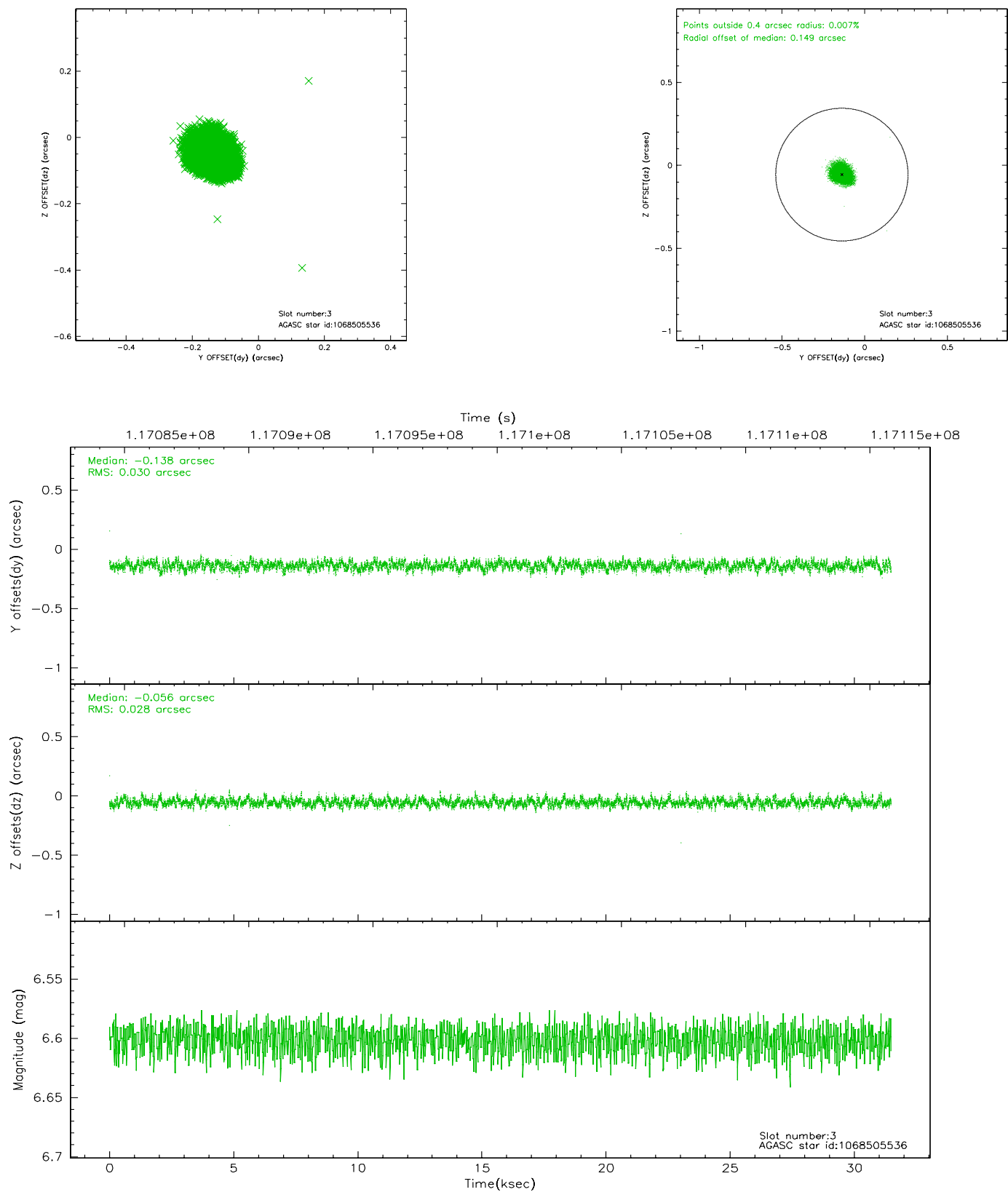
### Slot Statistics

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	7680	0.018	0.028	0.008	0.016	0.000000	0.000000	-755.49	-1728.87
1	FID	ACIS-S-4	7.19	7680	-0.107	-0.016	0.007	0.014	0.000000	0.000000	2157.64	179.50
2	FID	ACIS-S-5	7.24	7679	0.059	-0.003	0.008	0.014	0.000000	0.000000	-1808.21	173.27
3	GUIDE	1068505536	6.60	15362	-0.138	-0.056	0.043	0.071	132.879030	-46.541145	-413.07	863.30
4	GUIDE	1068500456	8.21	15357	-0.006	0.114	0.071	0.114	132.858439	-45.622941	2140.26	-1236.65
5	GUIDE	1068506528	8.00	15362	-0.025	0.037	0.064	0.113	133.786974	-46.360836	-1387.97	-1267.85
6	GUIDE	1068510128	8.64	15360	0.103	0.044	0.063	0.100	132.886718	-46.609996	-614.17	1009.26
7	GUIDE	1068509192	8.87	15355	0.070	-0.133	0.062	0.100	132.687269	-46.049972	1244.61	84.32

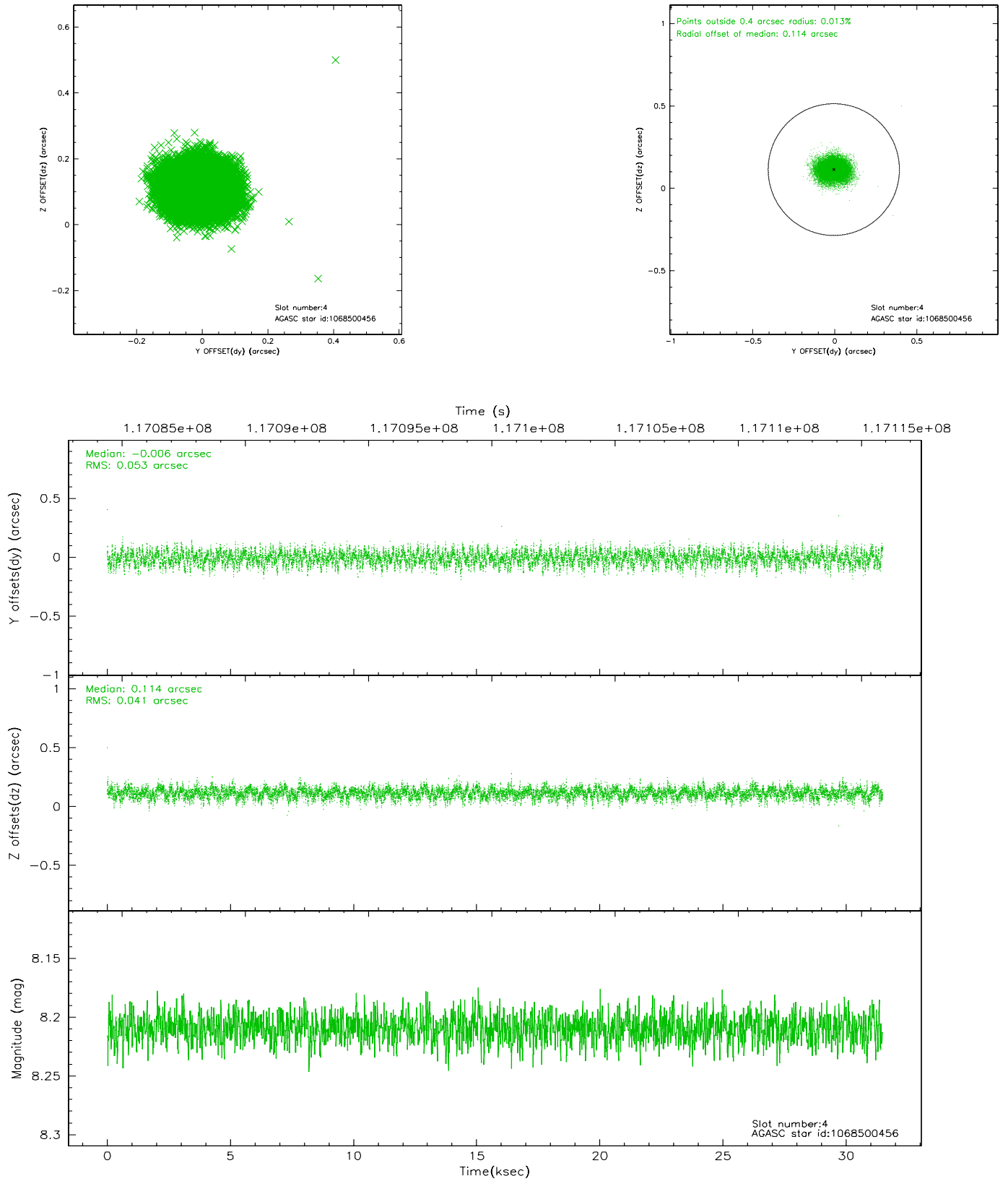


## 2.4 Star Slots

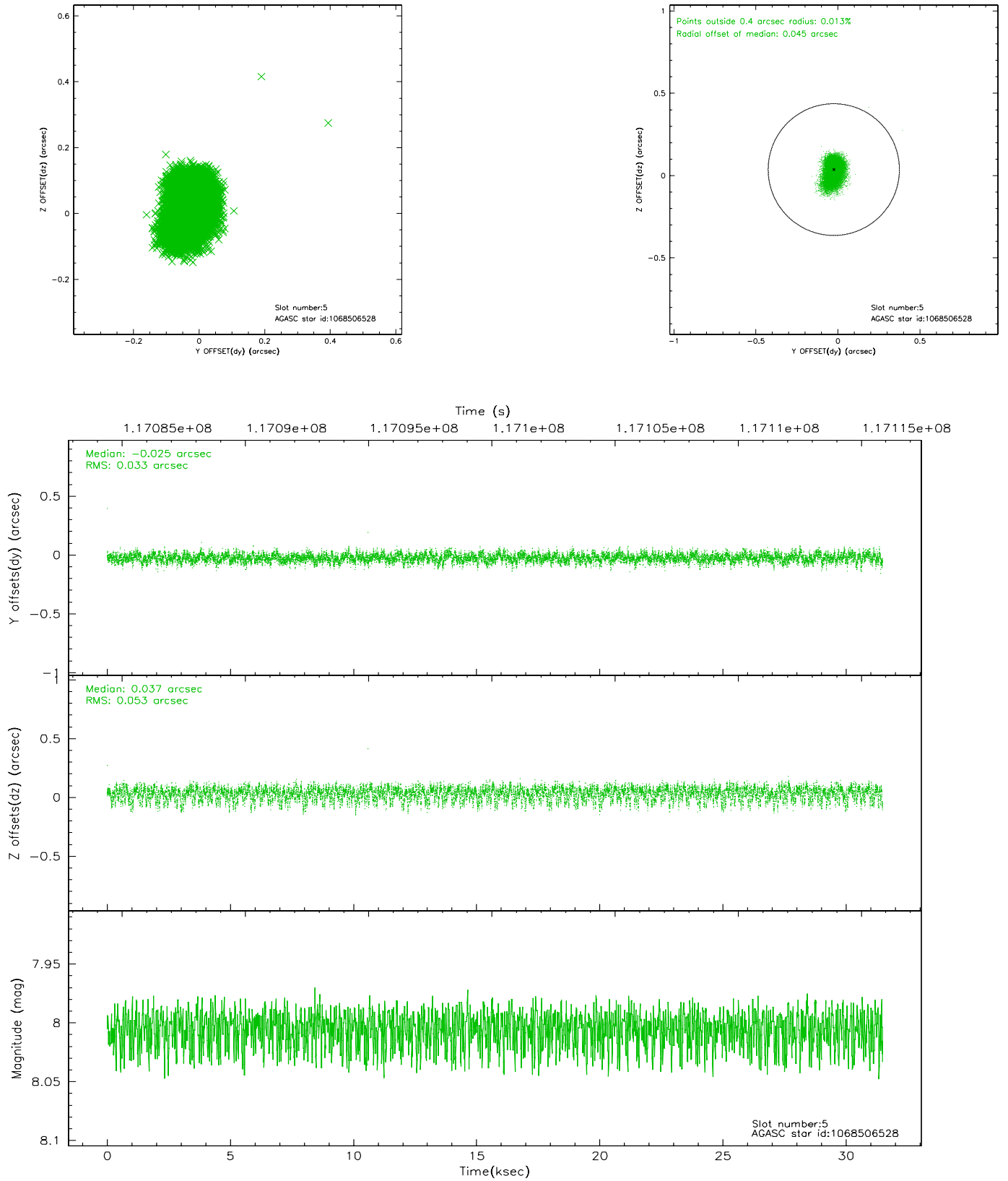
### 2.4.1 Slot 3



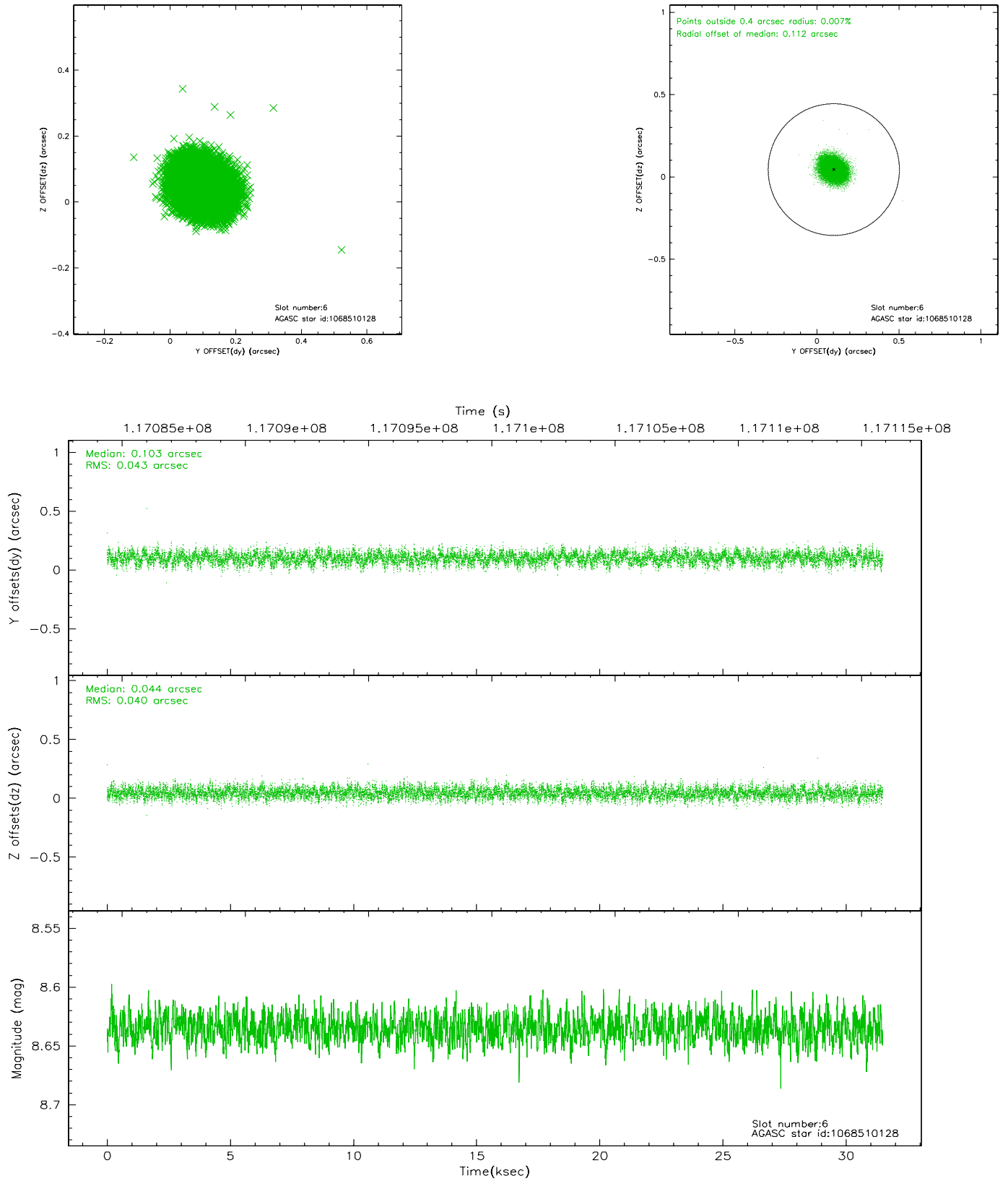
## 2.4.2 Slot 4



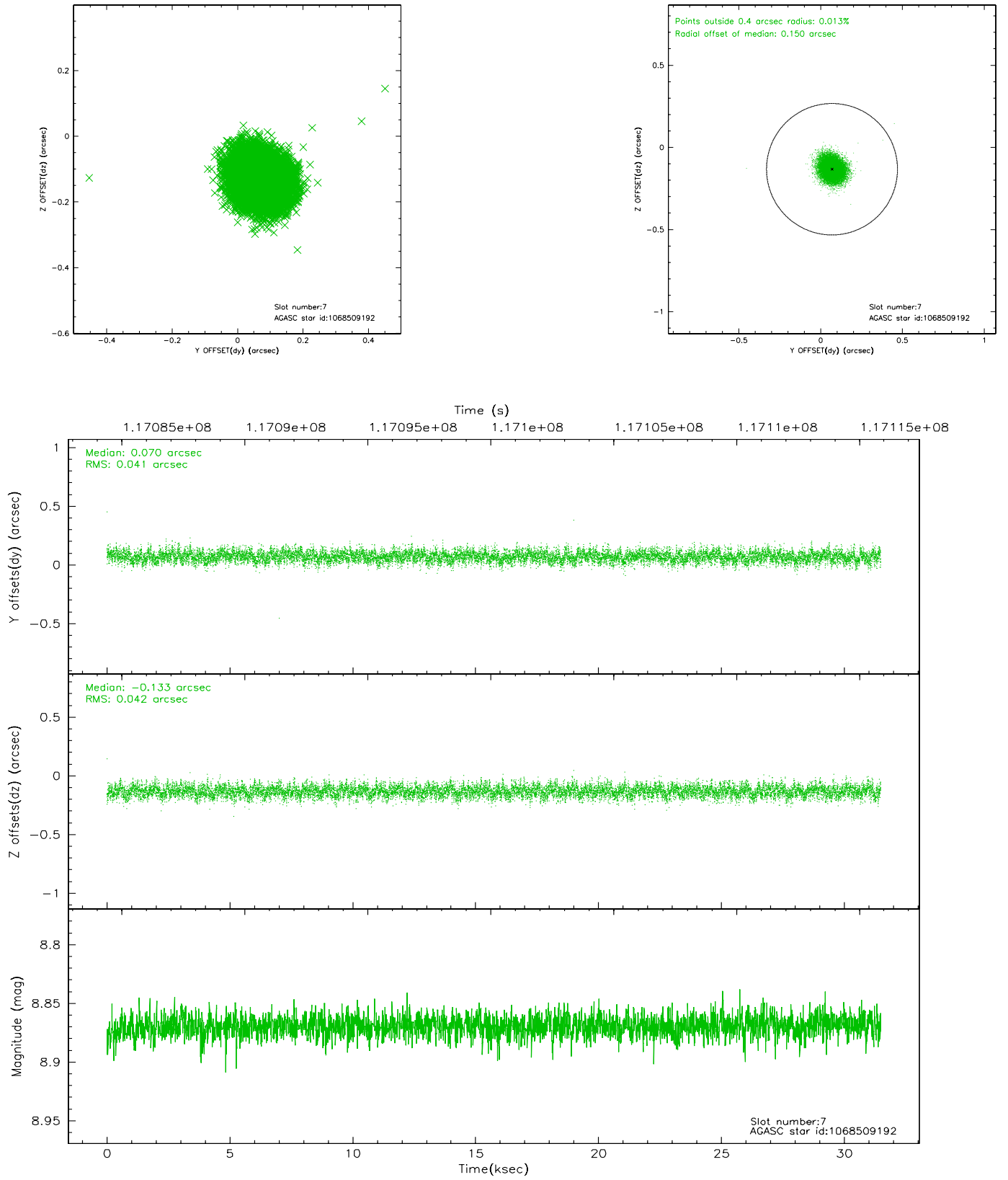
### 2.4.3 Slot 5



## 2.4.4 Slot 6

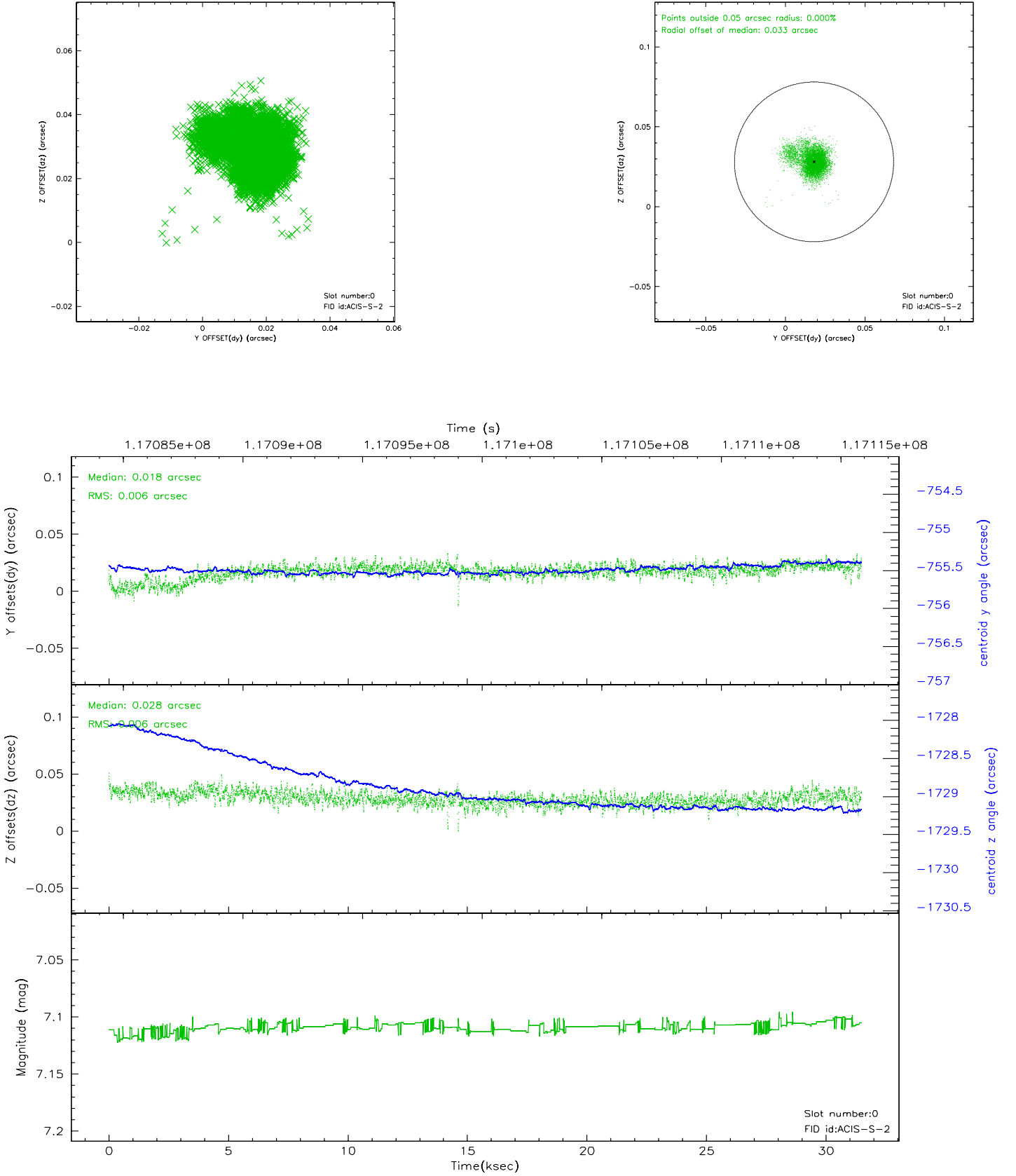


## 2.4.5 Slot 7

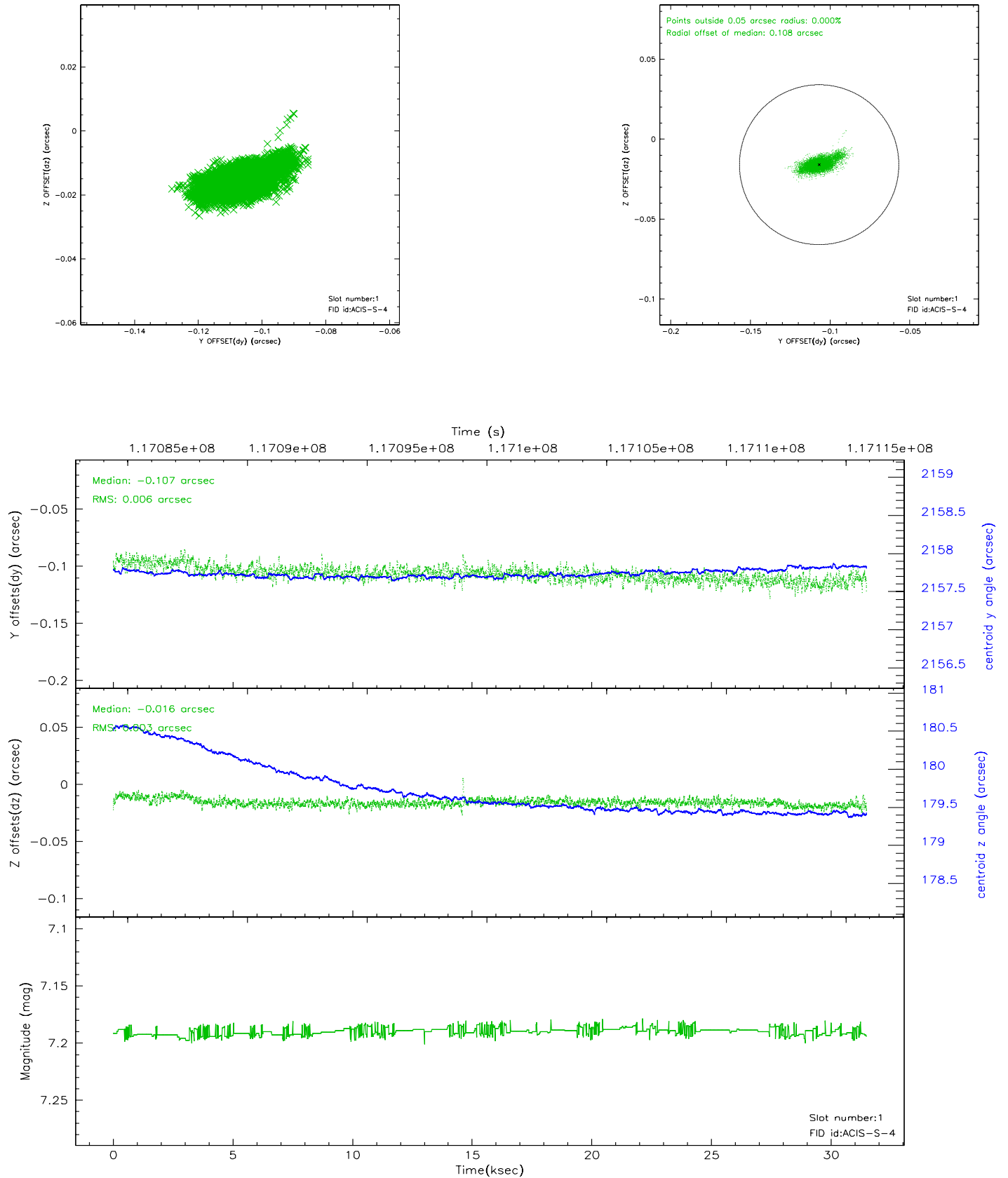


## 2.5 FID Slots

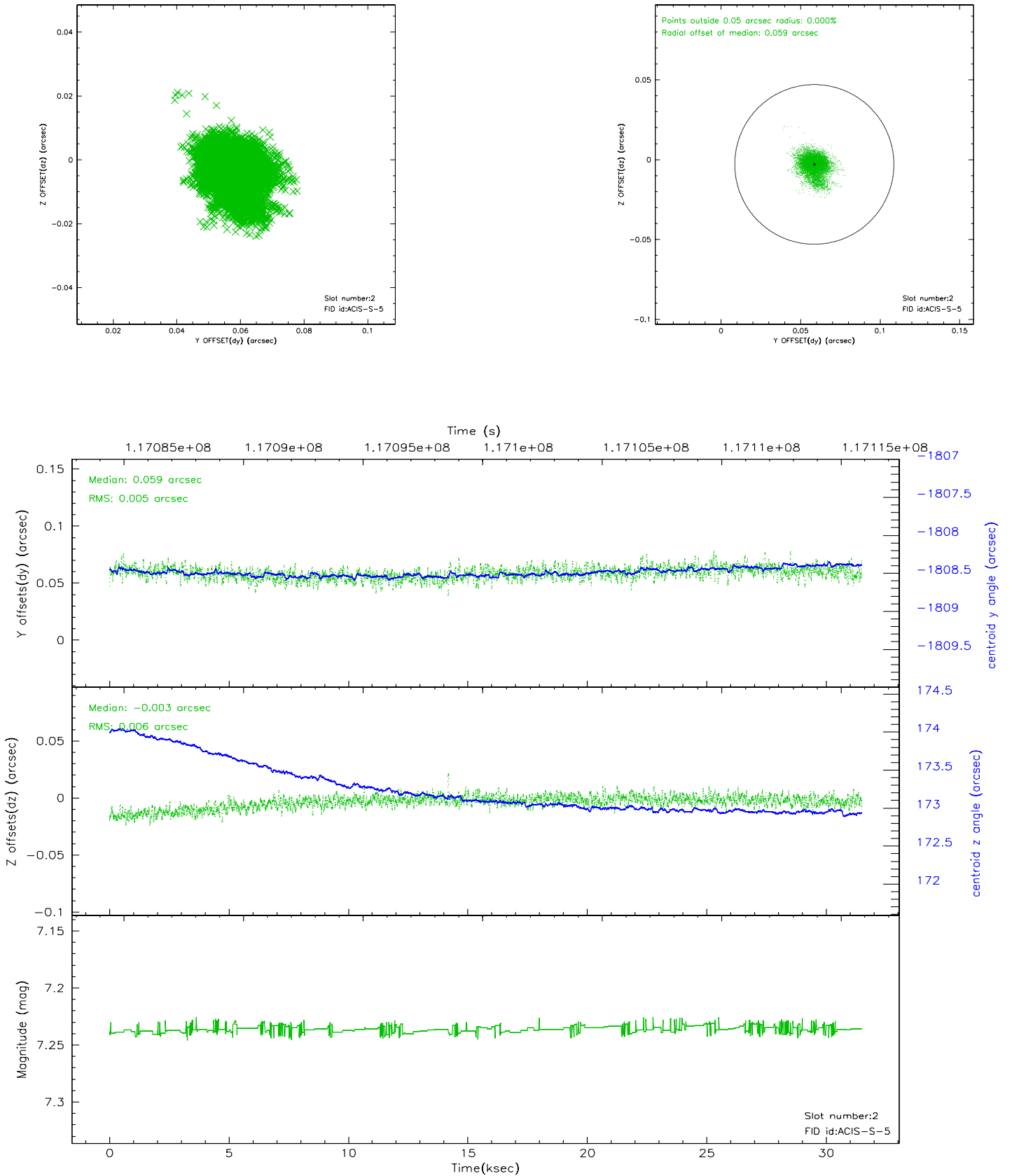
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





## 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	31.488

### A.2 Comments