

# V&V Reference Report

## L2 ASCDS Version : 7.6.8.1

Observation 4062 - L2 Version 001  
Chandra X-Ray Center

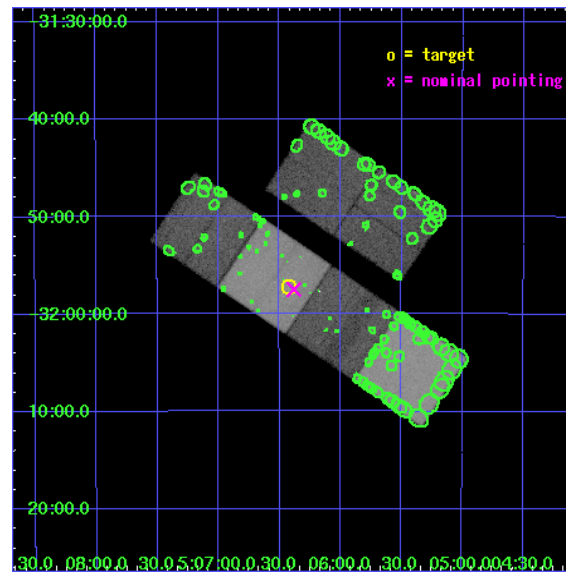
L2 Processing Date : Aug 11 2006

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# 1 Front

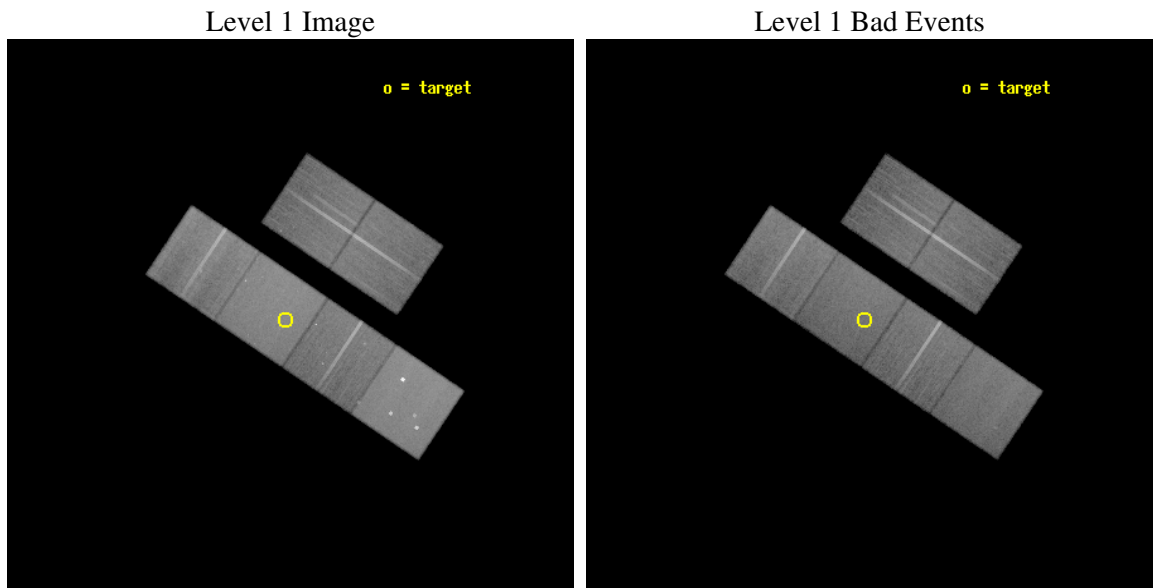
seq_num	700741
obs_id	4062
title	EFFECTS OF INTERGALACTIC GAS ON STARBURST WINDS
observer	Dr Jesper Rasmussen
object	NGC 1800
dtcycle	0
cycle	P
ra_targ	76.605833
dec_targ	-31.954167
ra_nom	76.595412909528
dec_nom	-31.958063537441
roll_nom	213.88598511435
revision	2
ontime	46742.399825871
livetime	46150.519414382
ontime2	46739.158835679
ontime3	46742.399825871
ontime5	46742.399825871
ontime6	46732.676915169
ontime7	46742.399825871
ontime8	46742.399825871
l2events	520247



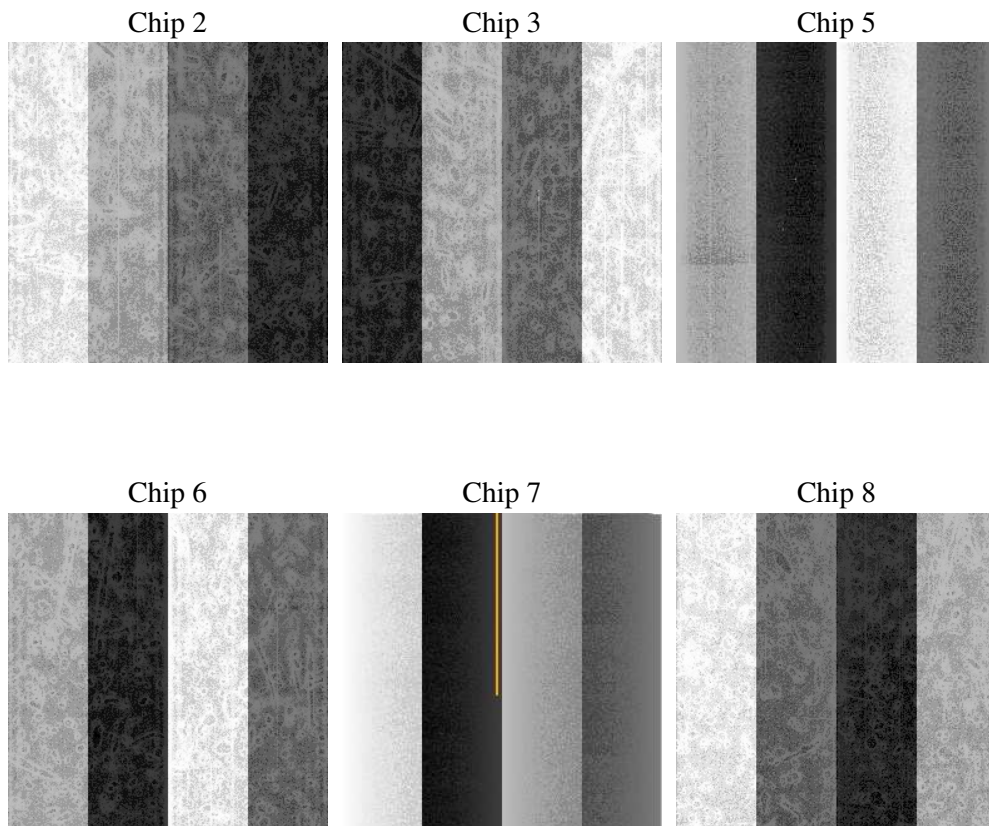
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-11T18:53:28
revision	2

sched_exp_time	46591.309000
ontime	46942.642925292
ontime2	46939.401935101
ontime3	46945.883915454
ontime5	46942.642925292
ontime6	46936.161004752
ontime7	46942.642925292
ontime8	46945.883915454
l1events	2127709

### 2.1.4 Events

	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	300925	285123	459807	301370	408344	372140
rejected events	257531	243329	239362	255044	239017	285630
rejected %	85%	85%	52%	84%	58%	76%

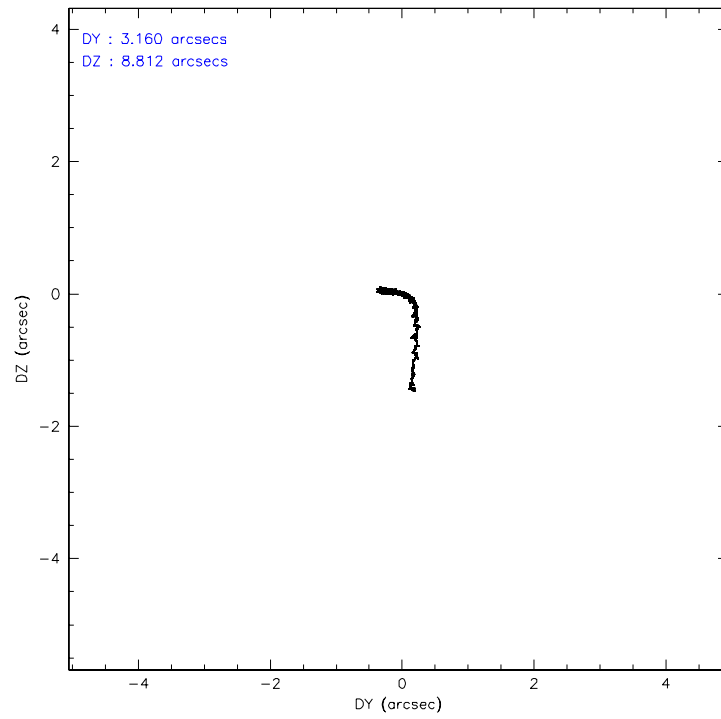
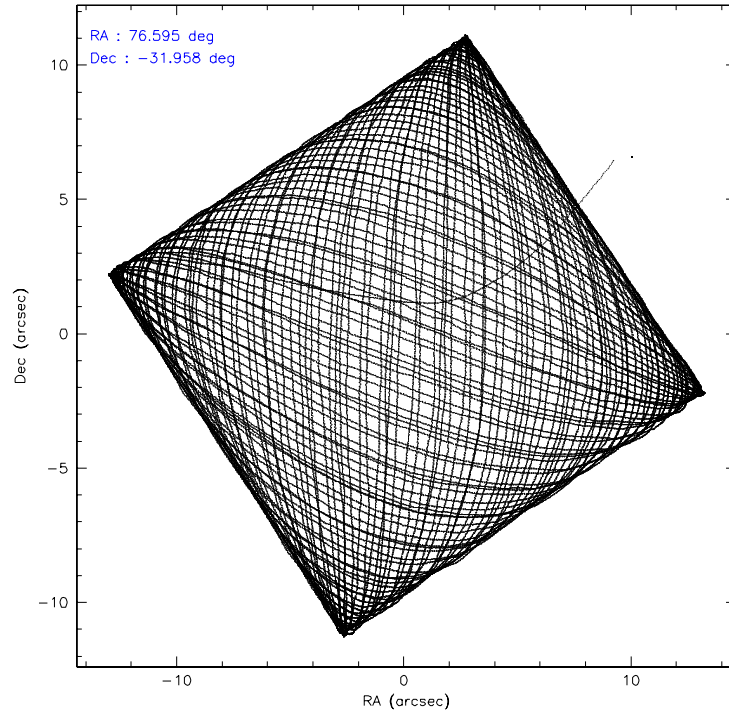
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	22918	21567	32150	23469	11861	32866
	7%	7%	6%	7%	2%	8%
grade 1 events	207	190	530	191	240	258
	0%	0%	0%	0%	0%	0%
grade 2 events	7855	7078	64075	8470	40627	17611
	2%	2%	13%	2%	9%	4%
grade 3 events	3460	3638	5050	3755	8863	8372
	1%	1%	1%	1%	2%	2%
grade 4 events	3431	3564	4885	3589	8795	7800
	1%	1%	1%	1%	2%	2%
grade 5 events	11468	12390	20521	13215	25845	16659
	3%	4%	4%	4%	6%	4%
grade 6 events	5872	6105	115179	7205	99798	20101
	1%	2%	25%	2%	24%	5%
grade 7 events	245714	230591	217417	241476	212315	268473
	81%	80%	47%	80%	51%	72%

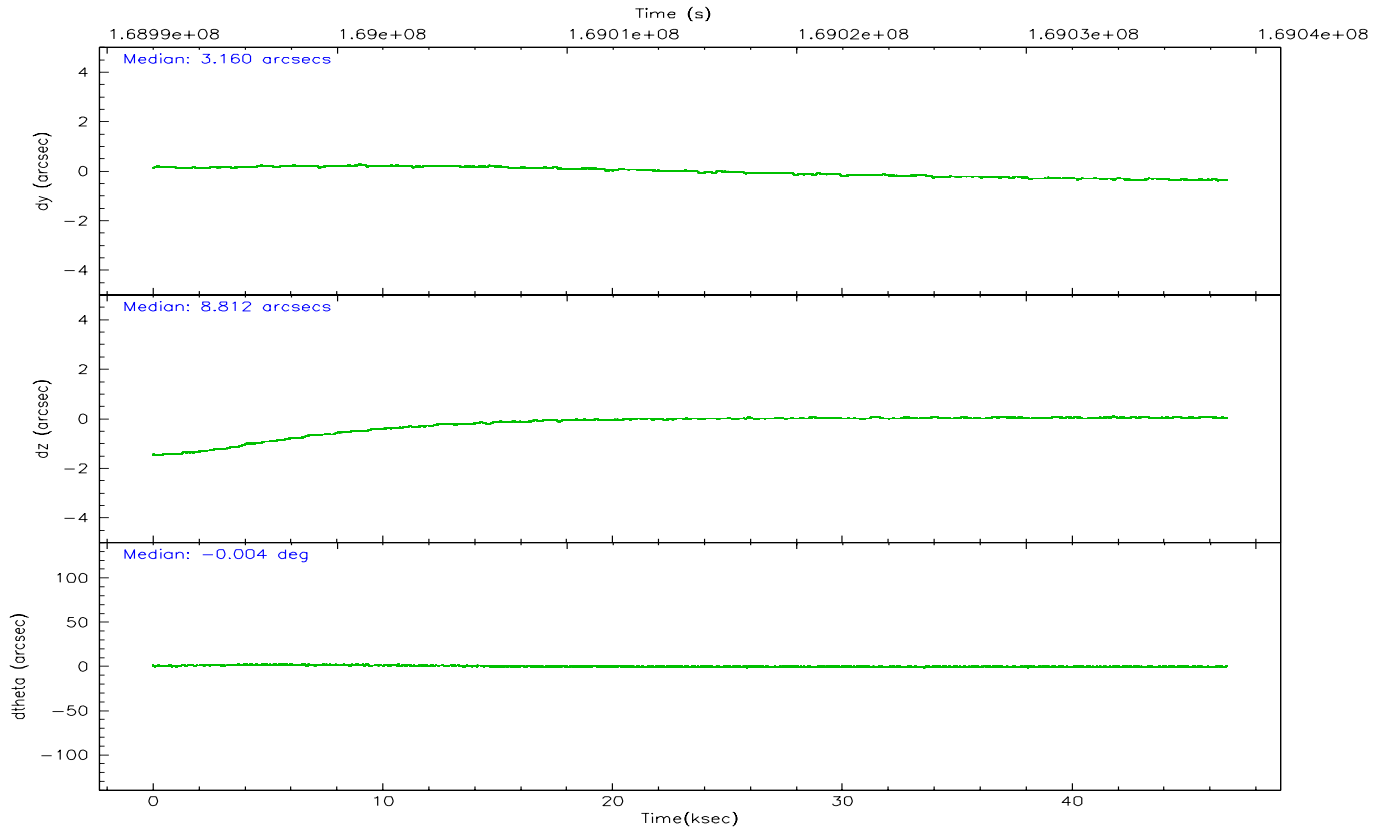
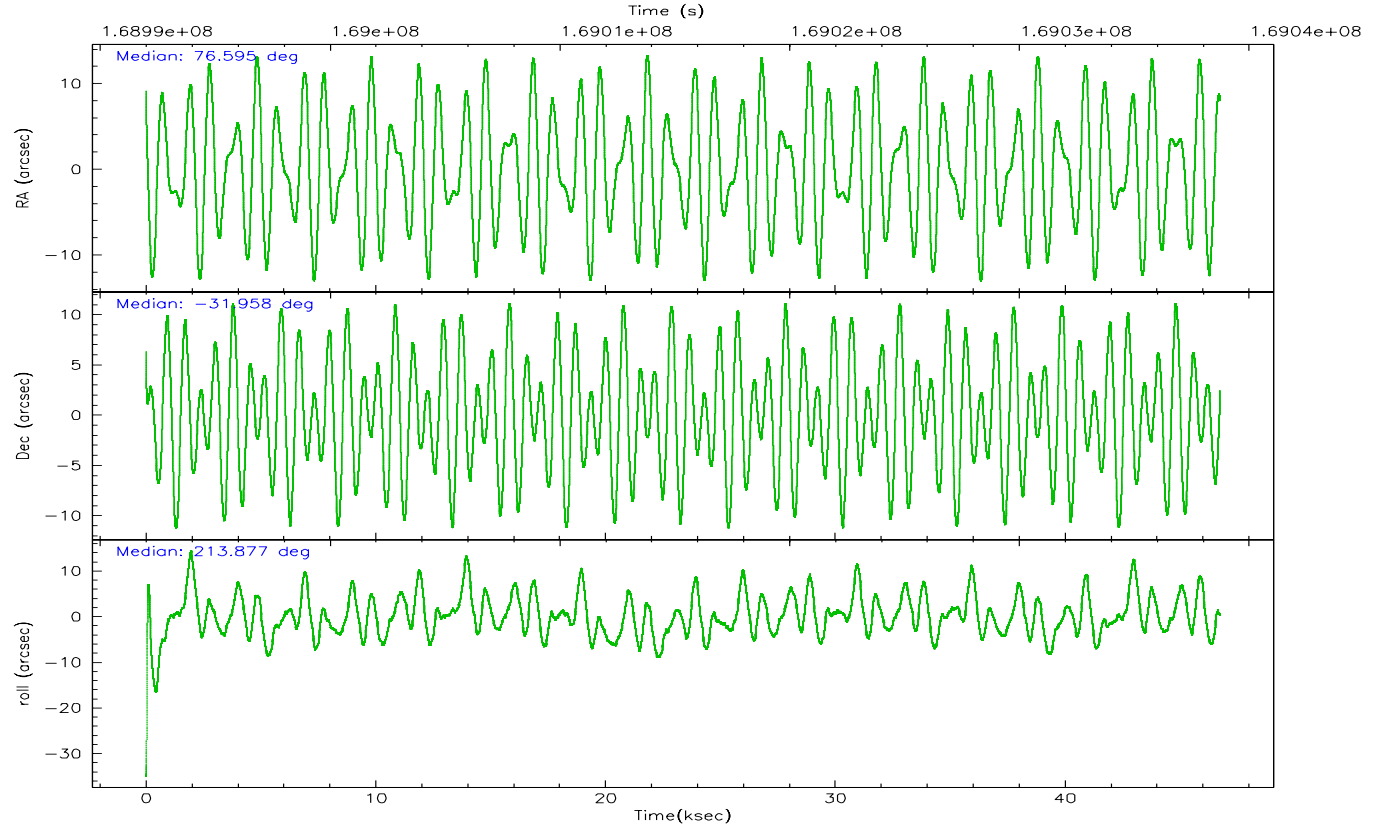


## 2.2 Compared Parameters

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	76.609129	76.59541290952767	Alternating exposures requested	N	N
Pointing Dec	-31.933459	-31.95806353744051	Primary exposure time	0.000000	3.2
Pointing Roll	213.736628	213.8859851143479			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	168992142.184000	168990987.52707			
Observation start date	2003-05-10T22:14:38	2003-05-10T21:56:27			
Observation end time	169038734.184000	169039048.2416			
Observation end date	2003-05-11T11:11:10	2003-05-11T11:17:28			
Read mode	TIMED	TIMED			

## 2.3 Aspect



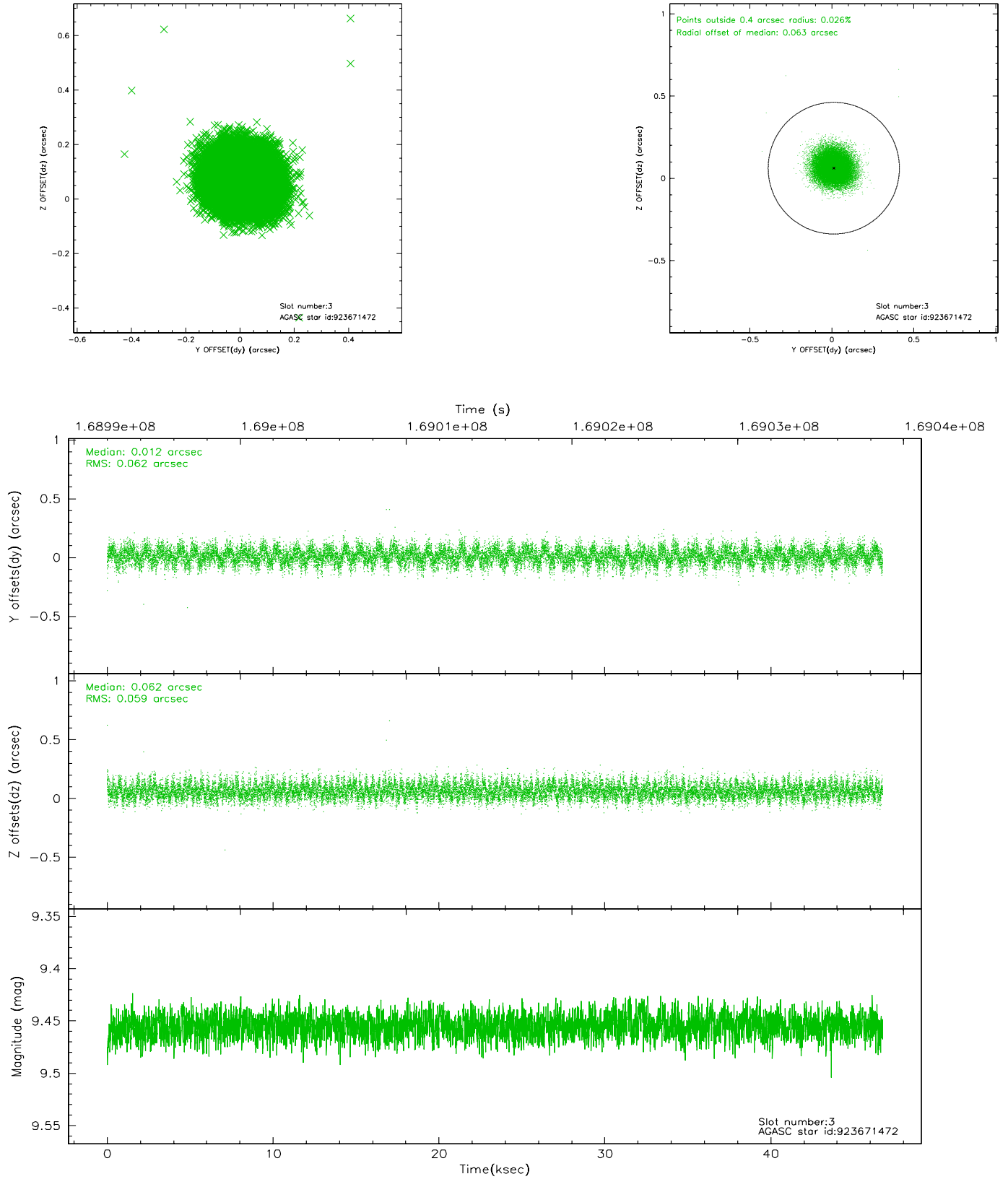


### Slot Statistics

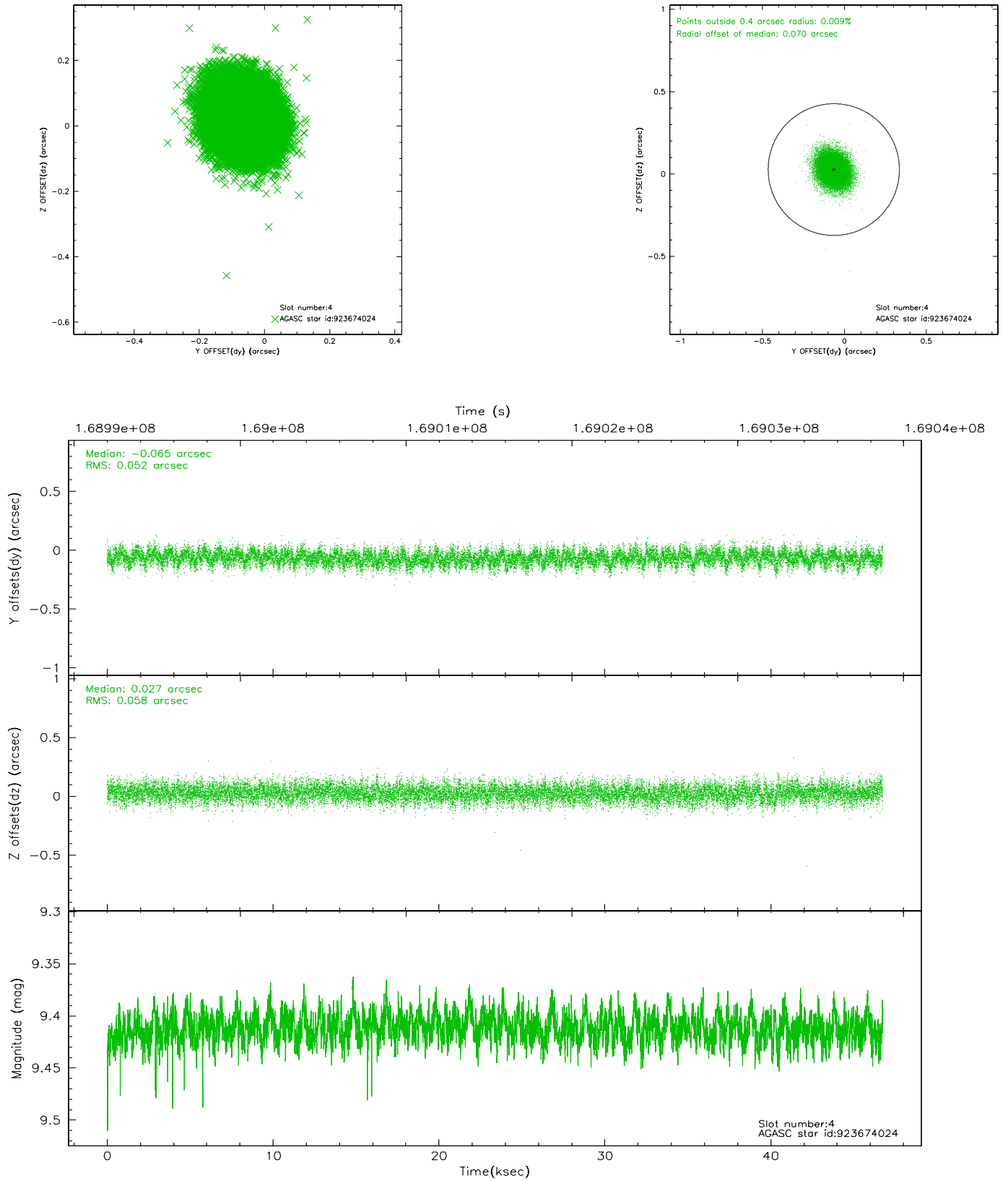
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	11403	-0.014	0.002	0.014	0.030	0.000000	0.000000	-755.79	-1729.75
1	FID	ACIS-S-4	7.20	11403	-0.022	0.007	0.017	0.026	0.000000	0.000000	2157.48	178.75
2	FID	ACIS-S-5	7.24	11402	0.003	0.001	0.011	0.019	0.000000	0.000000	-1808.63	172.40
3	GUIDE	923671472	9.46	22795	0.012	0.062	0.092	0.146	75.937049	-31.978862	1801.62	-998.01
4	GUIDE	923674024	9.41	22764	-0.065	0.027	0.083	0.136	76.201999	-31.588251	350.31	-1724.47
5	GUIDE	923675288	8.76	22799	-0.006	-0.014	0.068	0.112	76.179165	-31.748597	727.09	-1282.02
6	GUIDE	923672216	9.43	22793	0.079	-0.131	0.108	0.182	75.576169	-31.695627	2165.05	-2456.45
7	GUIDE	923670360	9.31	22742	-0.018	0.058	0.080	0.131	76.491362	-32.387684	1206.33	1161.56

## 2.4 Star Slots

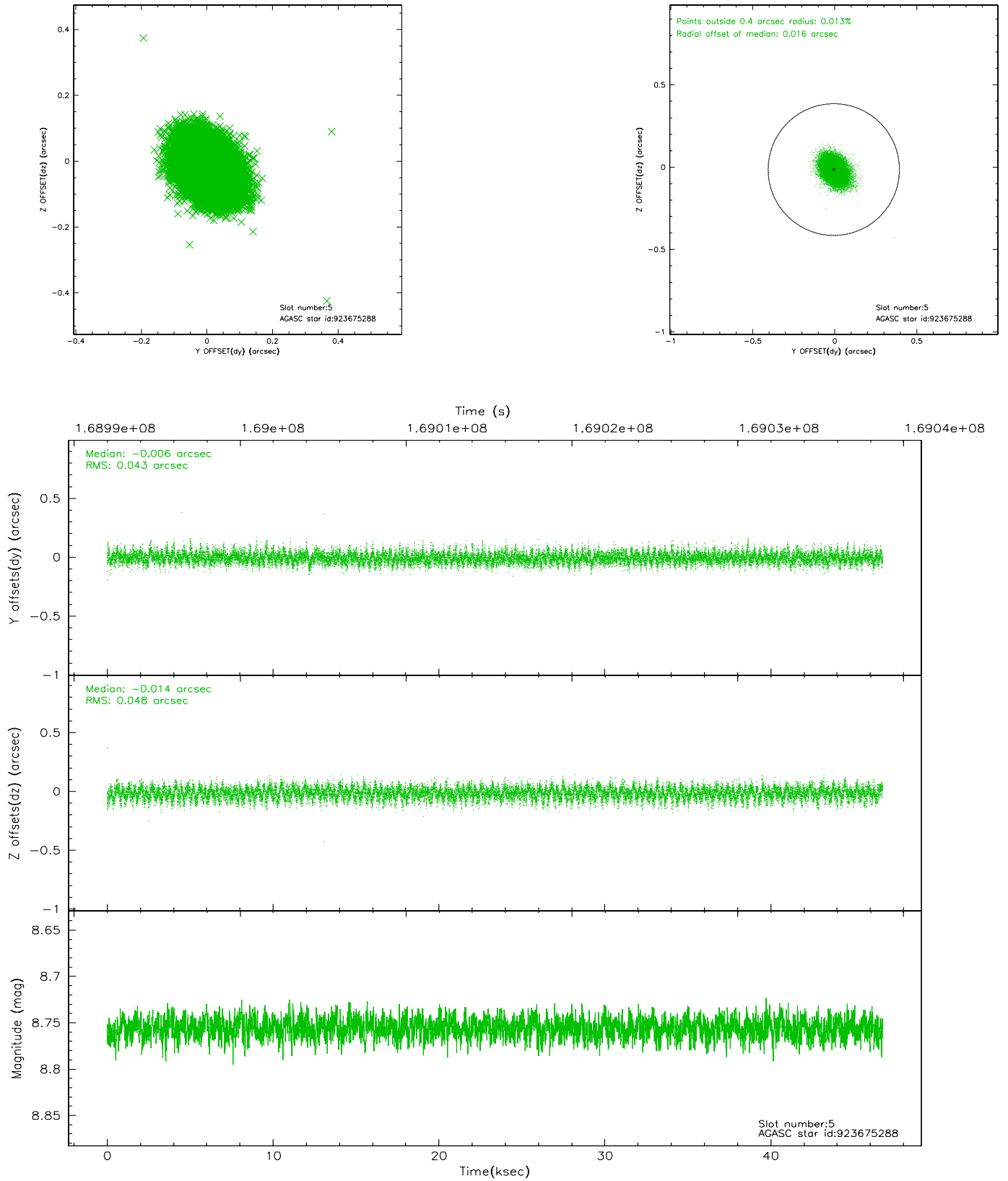
### 2.4.1 Slot 3



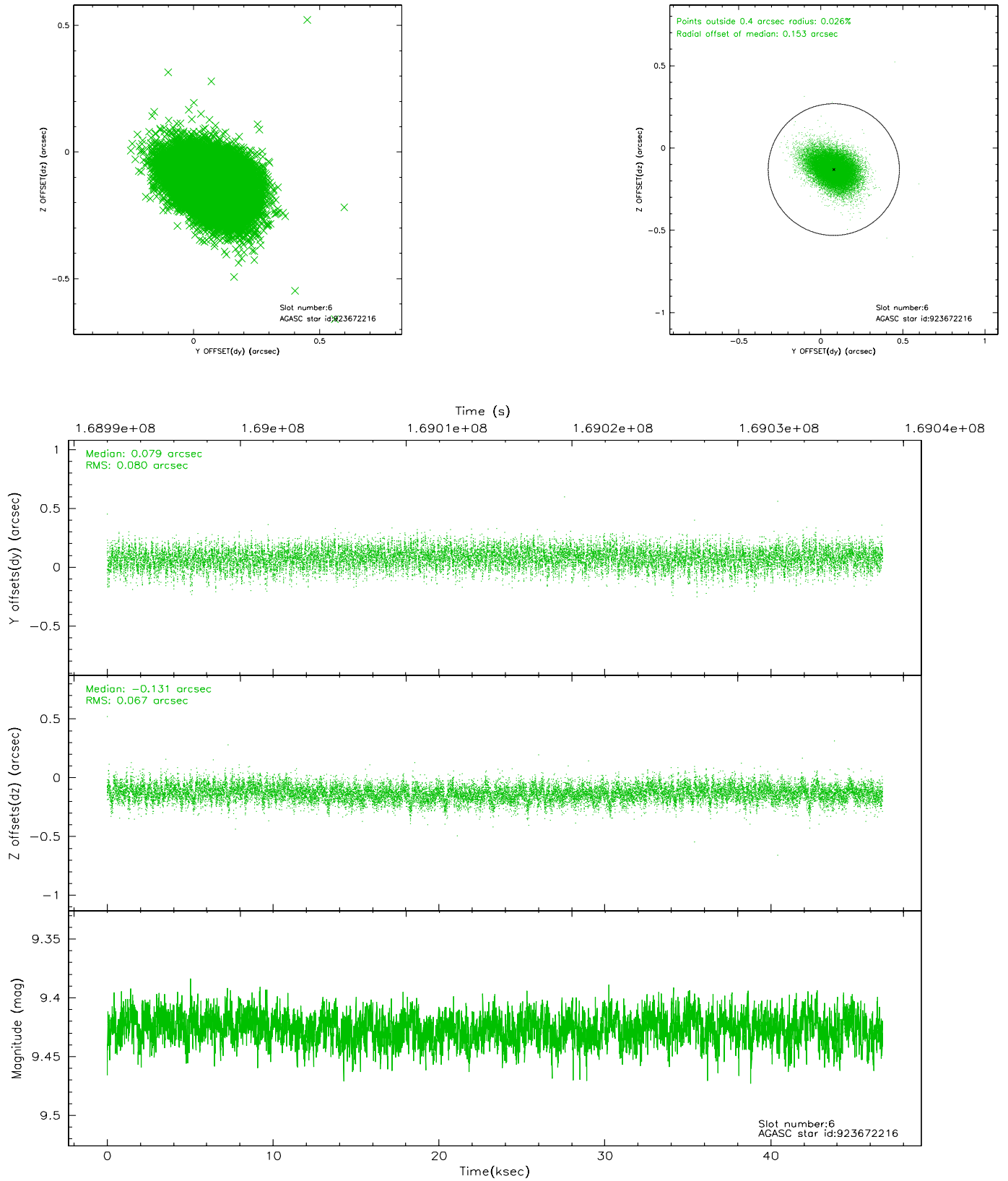
## 2.4.2 Slot 4



### 2.4.3 Slot 5

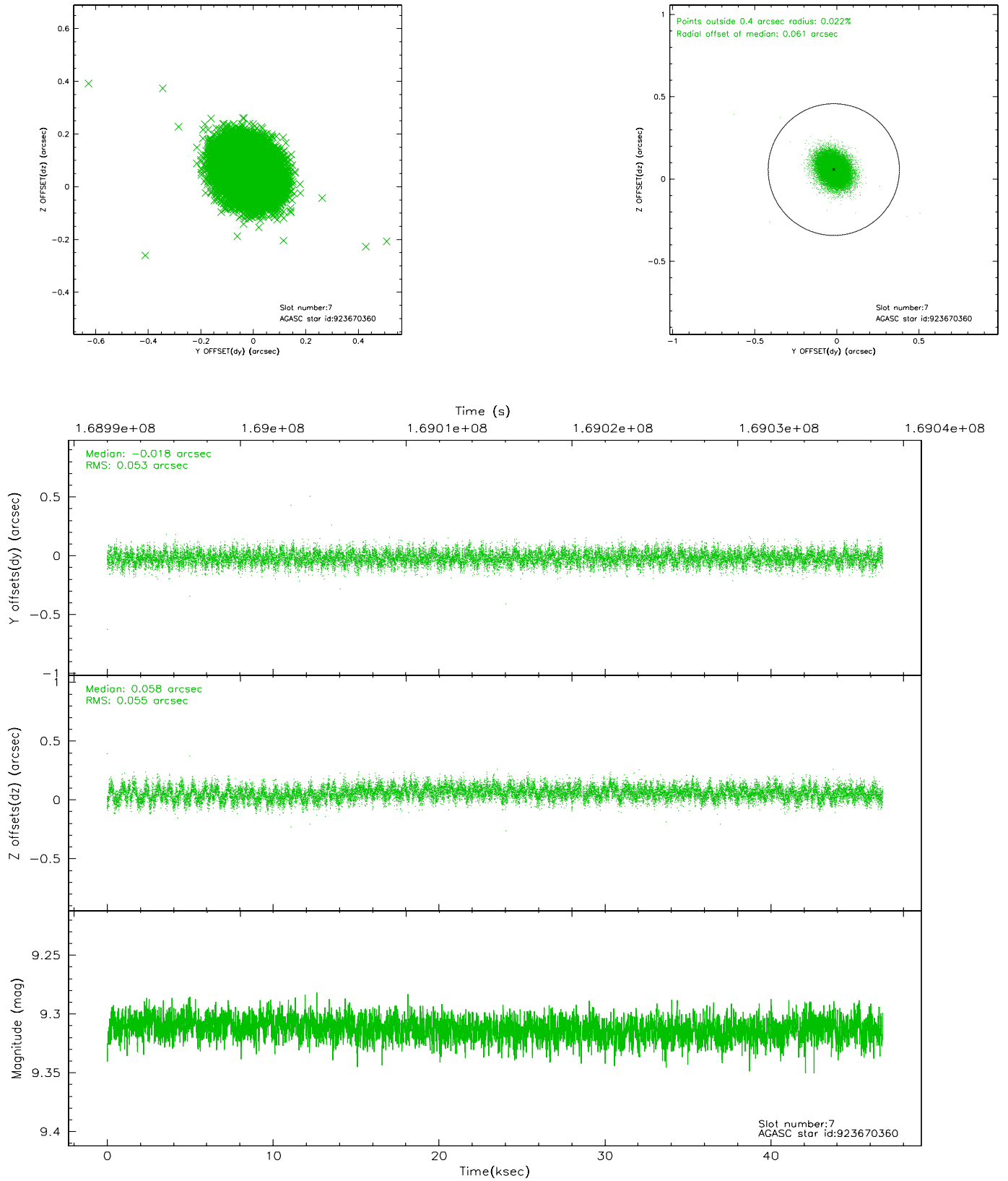


## 2.4.4 Slot 6



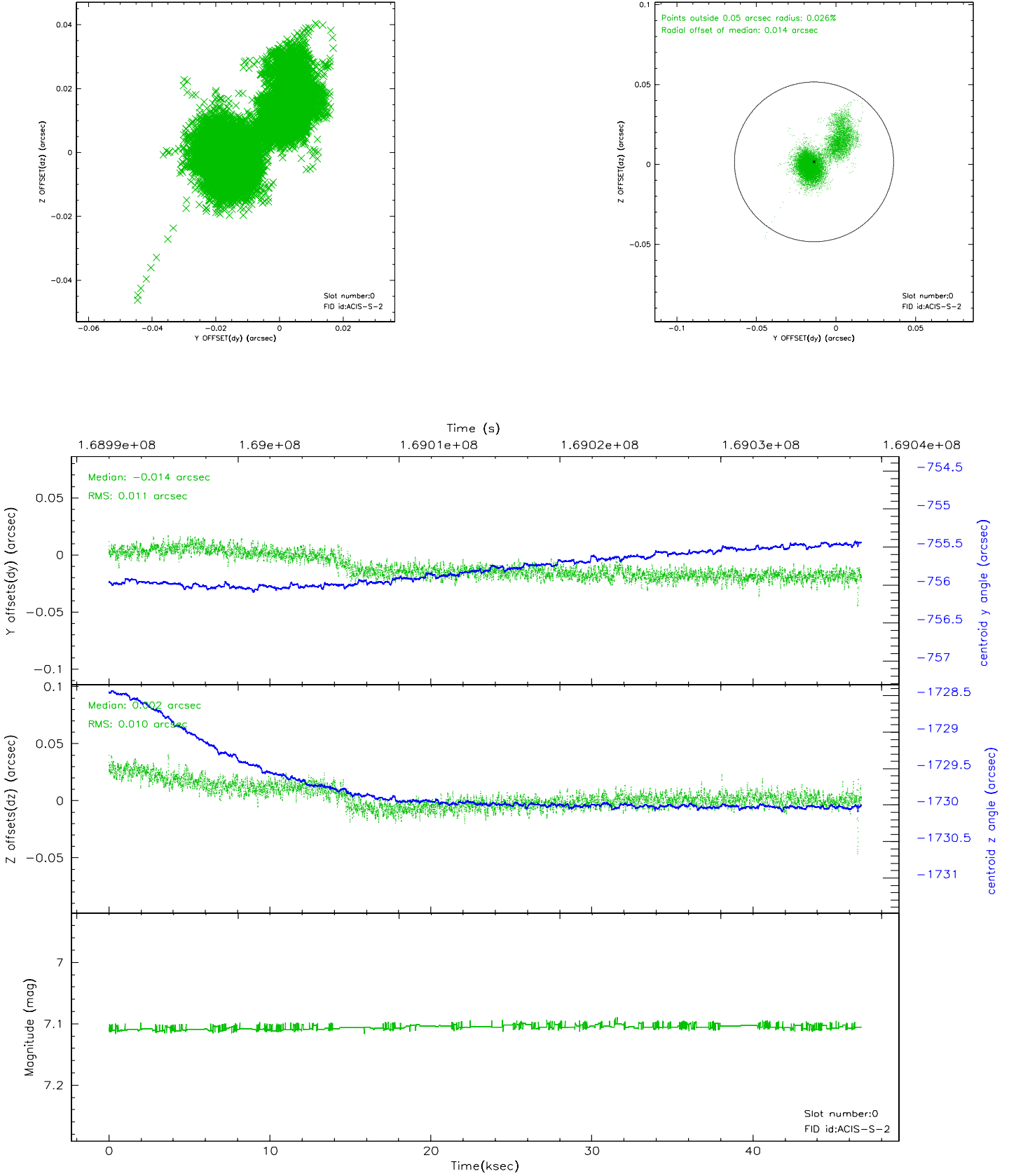


## 2.4.5 Slot 7

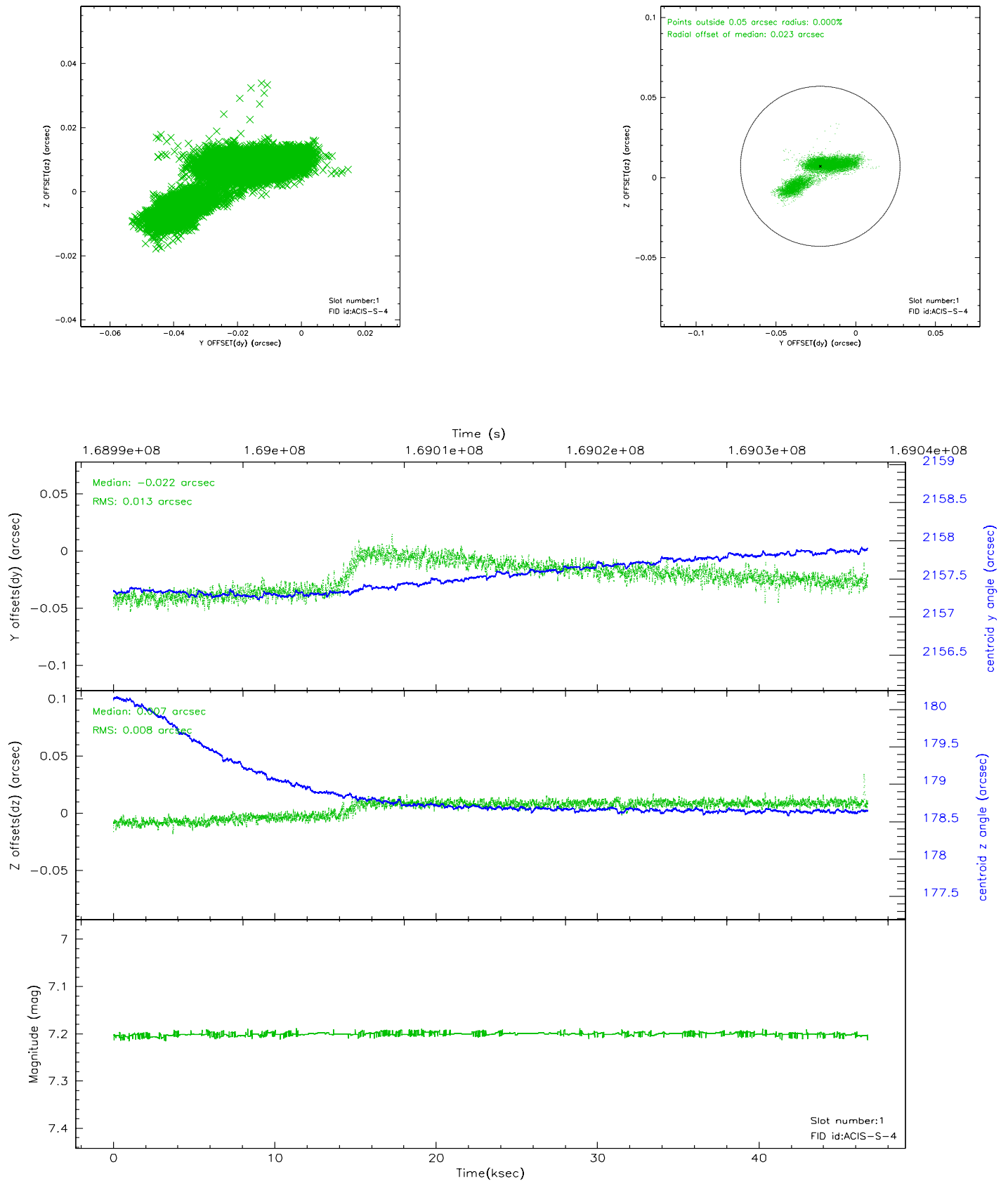


## 2.5 FID Slots

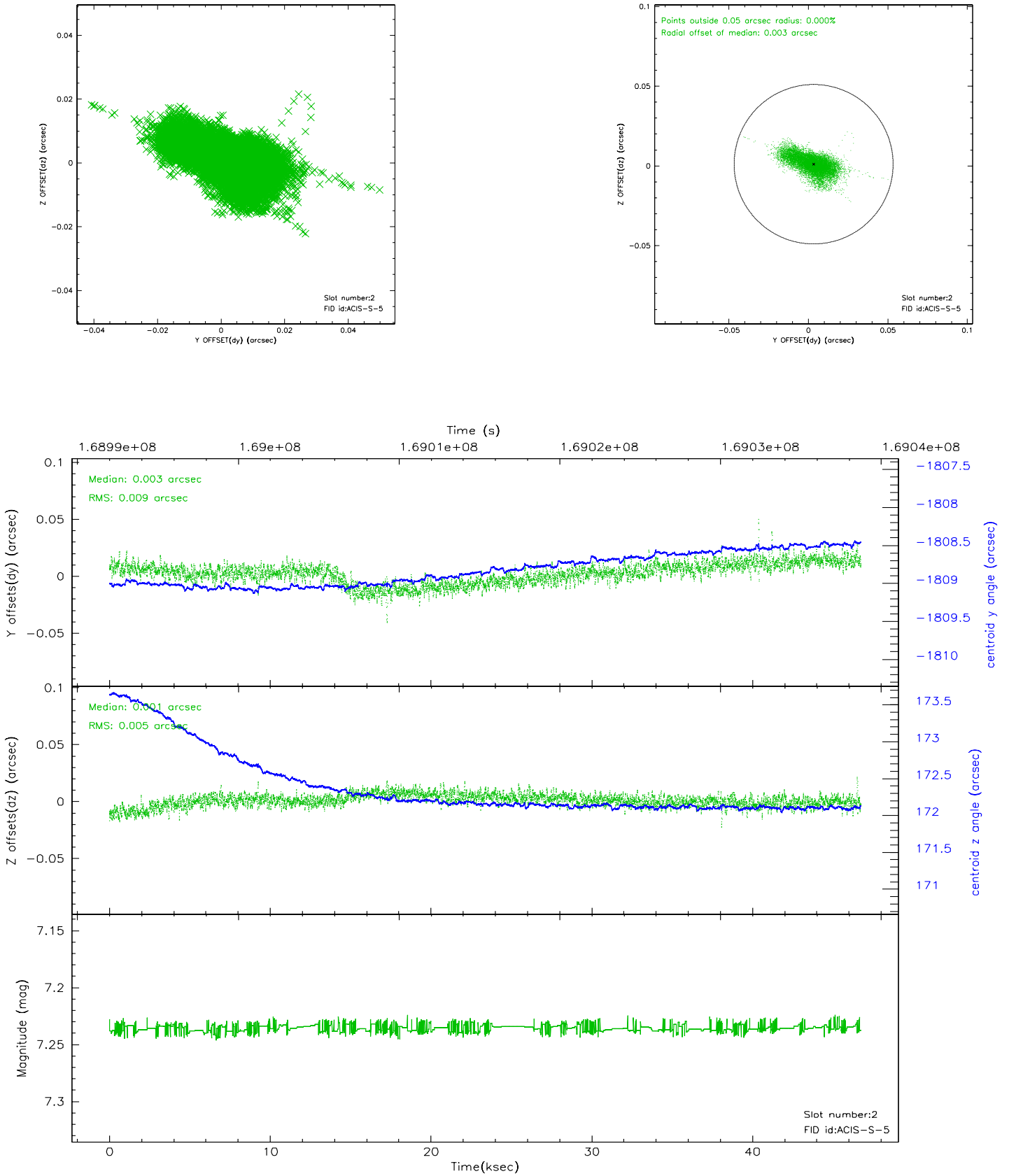
### 2.5.1 Slot 0



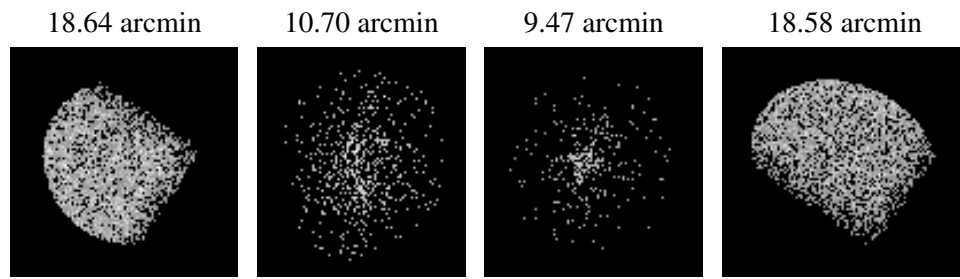
## 2.5.2 Slot 1



### 2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.742

### A.2 Comments