

# V&V Reference Report

## L2 ASCDS Version : 7.6.9

Observation 5528 - L2 Version 003  
Chandra X-Ray Center

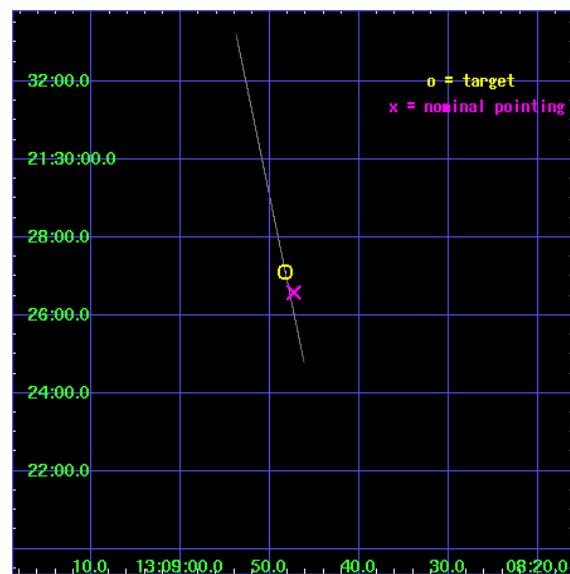
L2 Processing Date : Sep 14 2006

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# 1 Front

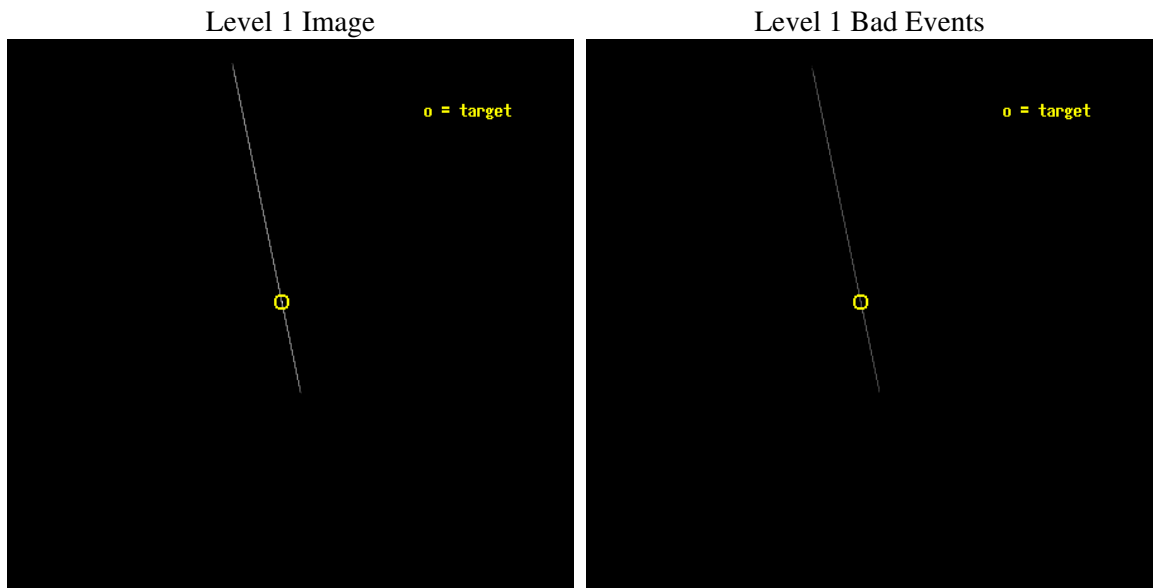
seq_num	500522
obs_id	5528
title	Timing the Enigmatic Nearby Neutron Star RX J1308.8+2127
observer	Dr David Kaplan
object	RX J1308.8+2127
ra_targ	197.20125
dec_targ	21.451889
ra_nom	197.19730331697
dec_nom	21.443039977209
roll_nom	258.08808525236
revision	3
ontime	5185.5
livetime	5165.244140625
ontime7	5185.5
l2events	25572



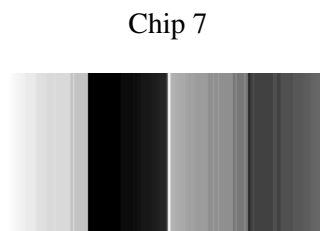
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-14T22:21:22
revision	3

sched_exp_time	5000.000000
ontime	5890.7485129237
ontime7	5890.7485129237
l1events	33741

### 2.1.4 Events

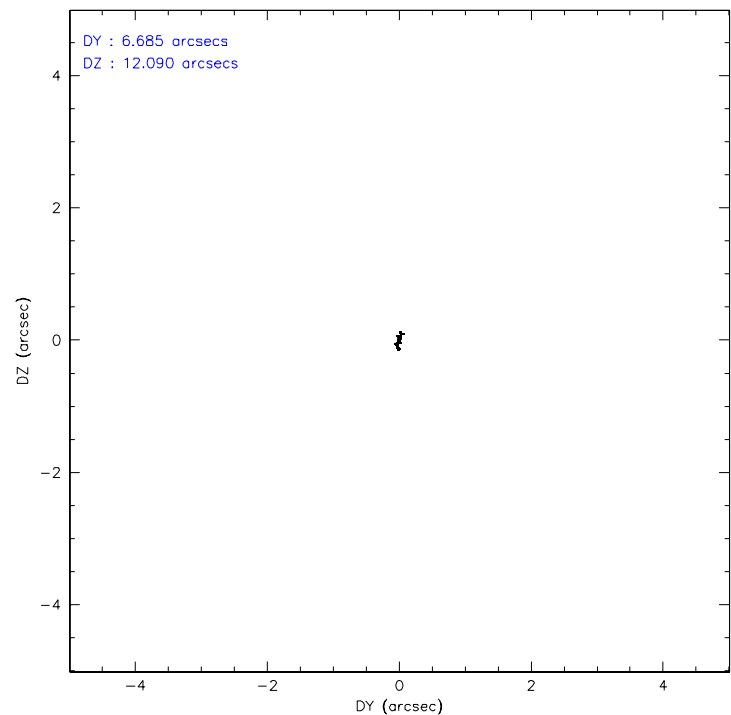
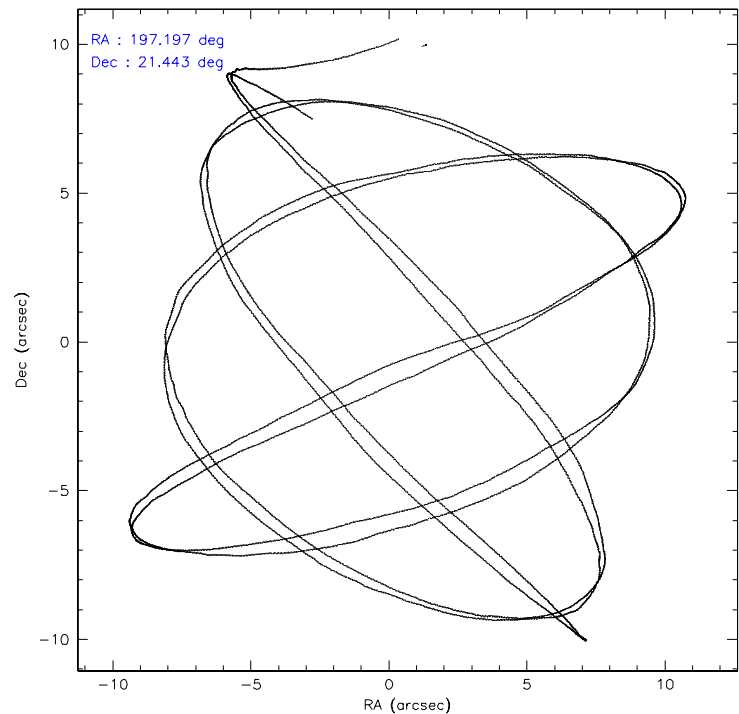
	<b>ccd 7</b>
level 1 events	33741
rejected events	7221
rejected %	21%

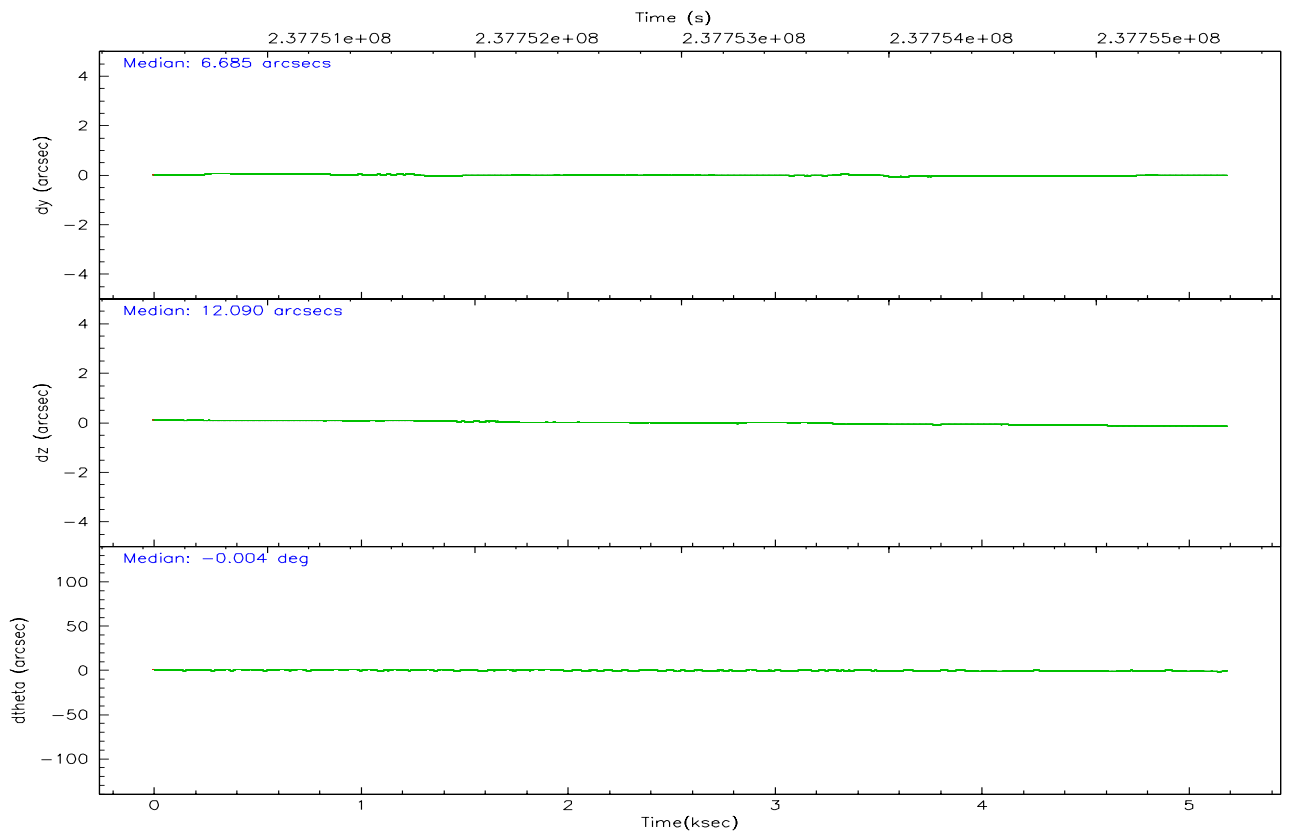
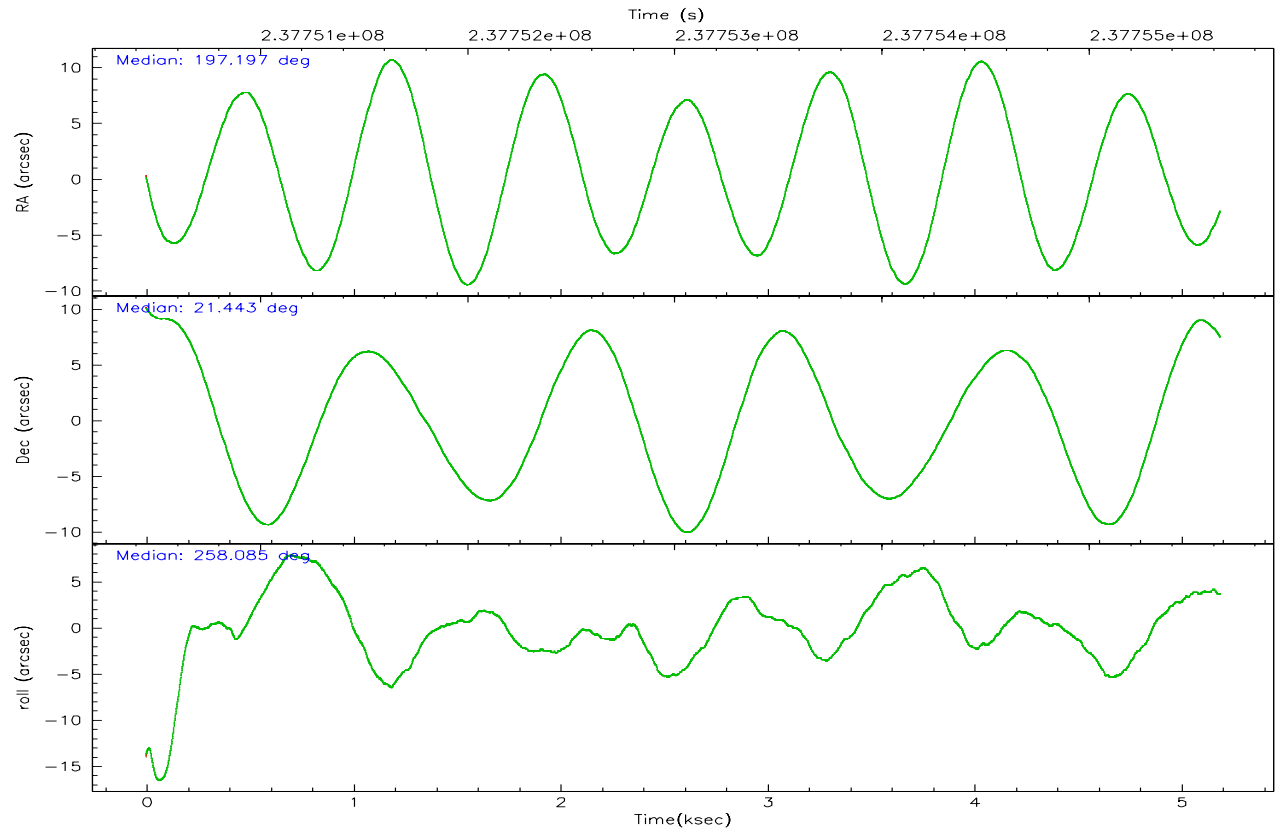
	<b>ccd 7</b>
grade 0 events	2970
	8%
grade 1 events	48
	0%
grade 2 events	8071
	23%
grade 3 events	1251
	3%
grade 4 events	1251
	3%
grade 5 events	4083
	12%
grade 6 events	16067
	47%
grade 7 events	0
	0%

## 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	CC33_FAINT	CC33_FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	197.187895	197.1973033169669	Subarray requested	NONE	NONE
Pointing Dec	21.468686	21.44303997720894	Alternating exposures requested	N	N
Pointing Roll	257.934884	258.088085252364	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	237750632.184000	237749743.82624			
Observation start date	2005-07-14T17:49:28	2005-07-14T17:35:43			
Observation end time	237755632.184000	237756368.91404			
Observation end date	2005-07-14T19:12:48	2005-07-14T19:26:08			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect





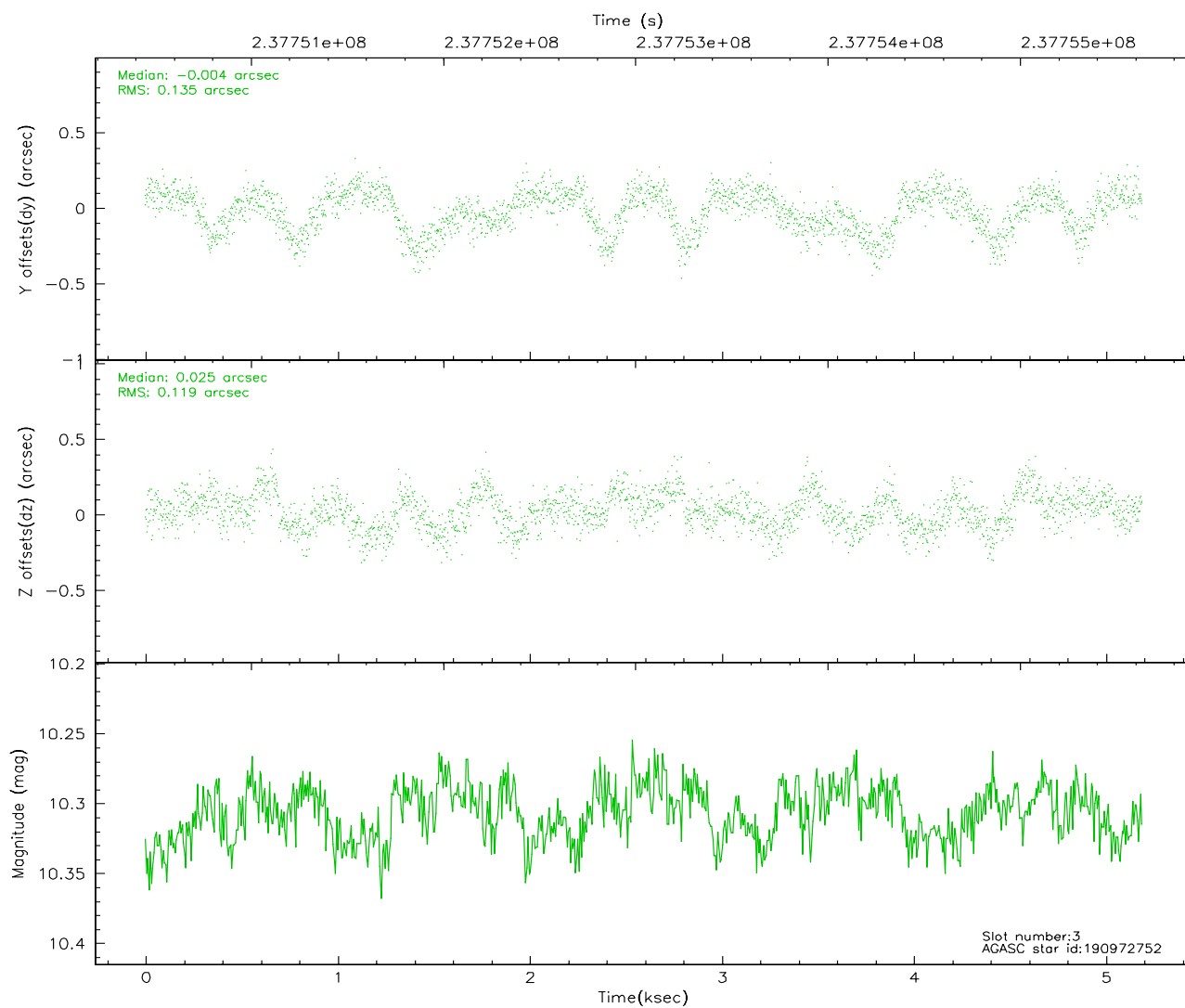
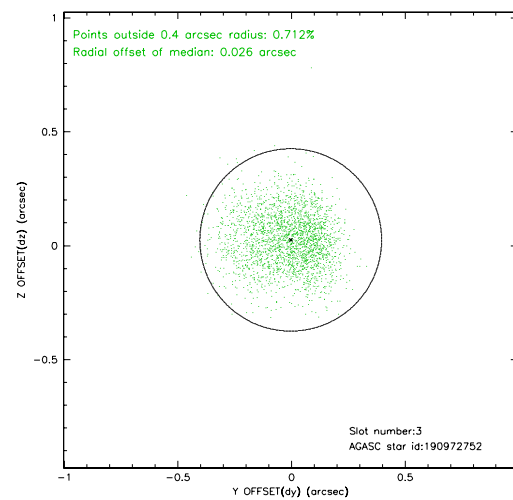
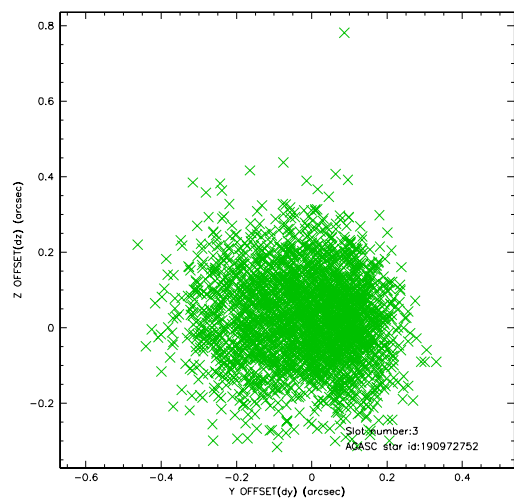
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1267	-0.015	0.002	0.007	0.011	0.000000	0.000000	-759.45	-1733.38
1	FID	ACIS-S-4	7.20	1267	0.013	0.007	0.005	0.009	0.000000	0.000000	2153.34	173.88
2	FID	ACIS-S-5	7.23	1267	-0.029	0.000	0.006	0.011	0.000000	0.000000	-1810.80	168.89
3	GUIDE	190972752	10.31	2527	-0.004	0.025	0.191	0.312	197.567107	21.351082	146.91	1331.85
4	GUIDE	190973928	9.83	2532	0.055	0.026	0.125	0.199	197.904188	21.564389	-843.38	2272.58
5	GUIDE	190974376	6.80	2533	-0.193	-0.004	0.123	0.183	197.884749	21.918670	-2076.02	1937.50
6	GUIDE	190979840	10.32	2525	0.257	-0.069	0.251	0.403	197.337465	20.846267	2085.49	961.89
7	GUIDE	190973256	10.30	2527	-0.081	0.018	0.166	0.287	198.013696	21.966947	-2336.83	2320.59

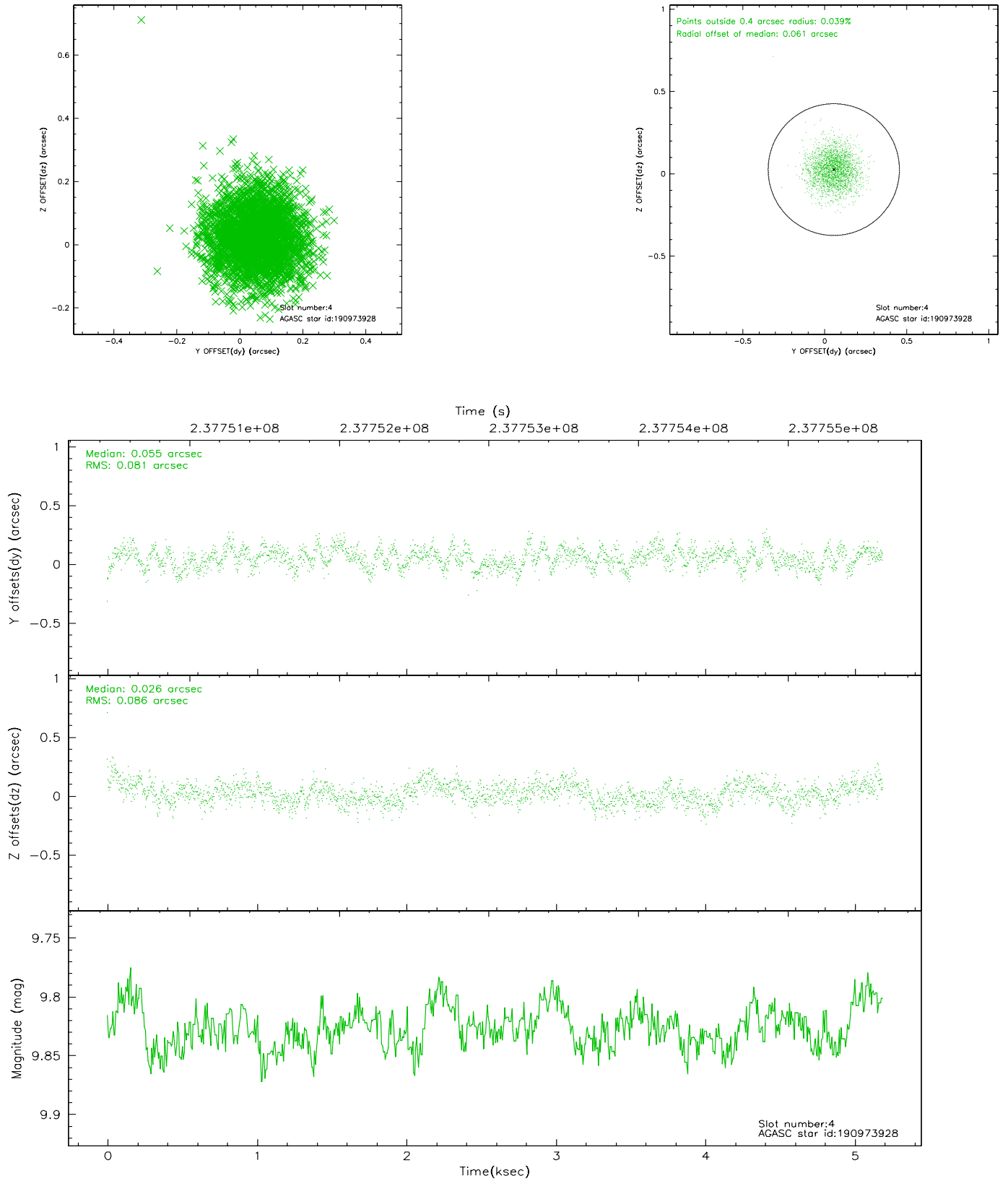


## 2.4 Star Slots

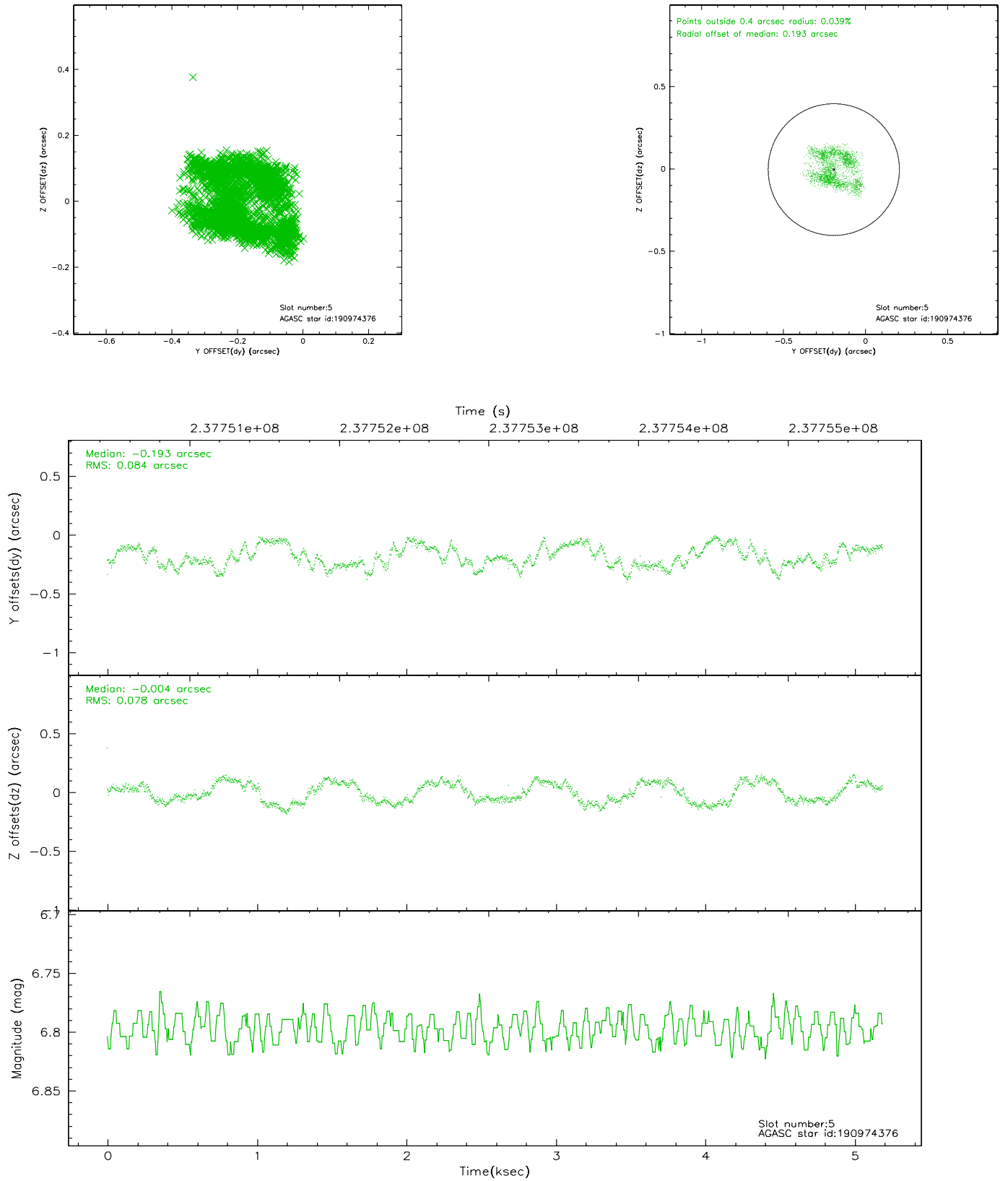
### 2.4.1 Slot 3



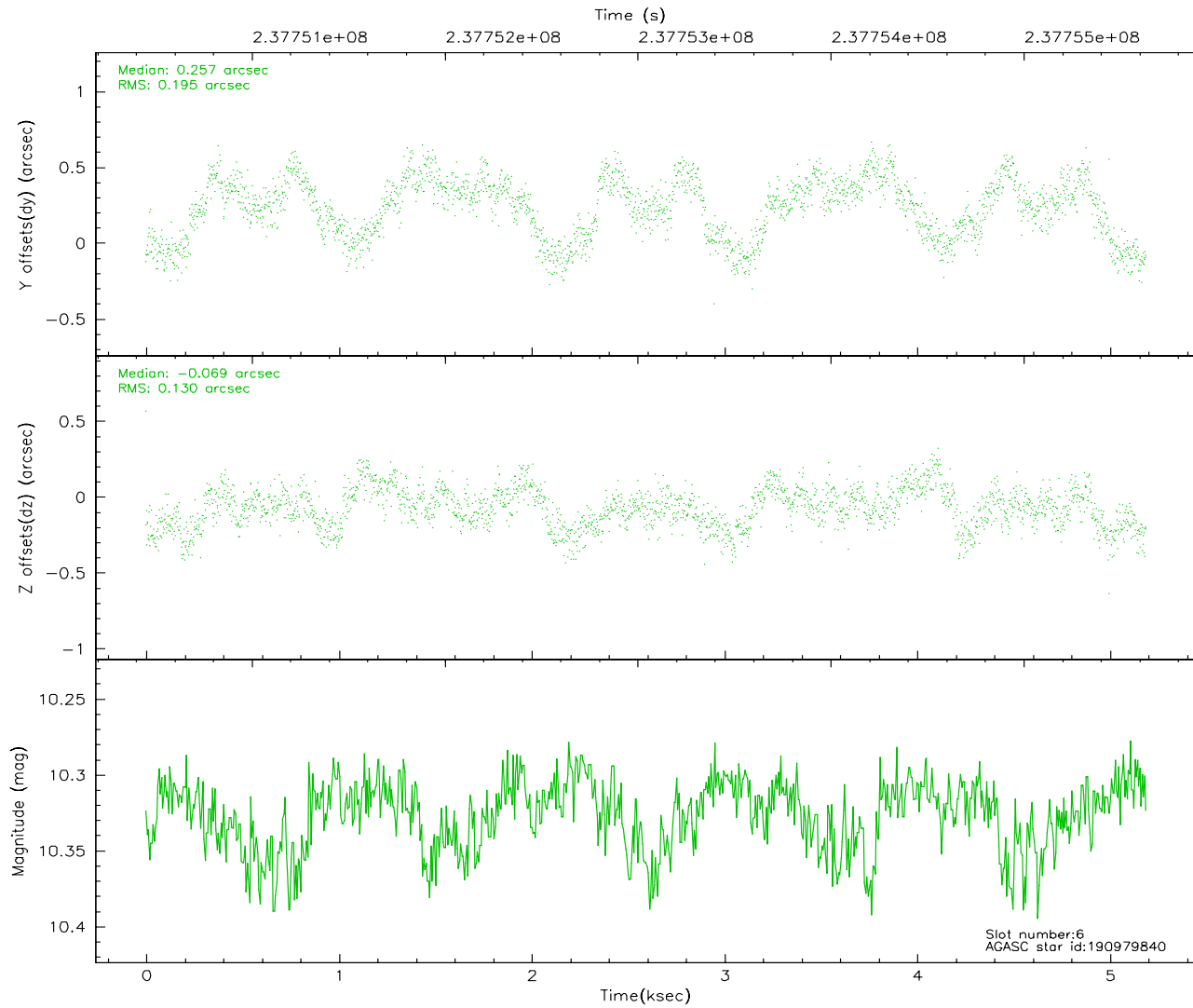
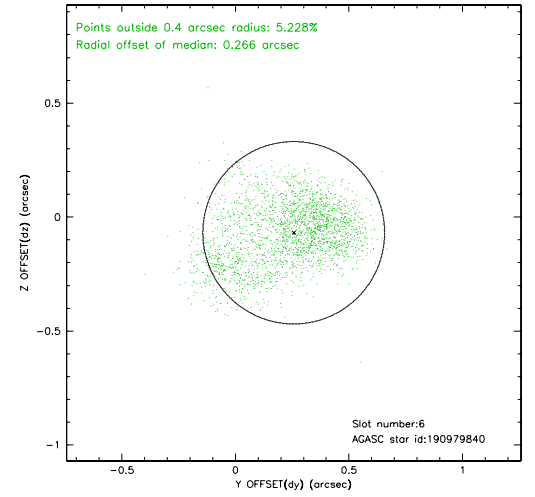
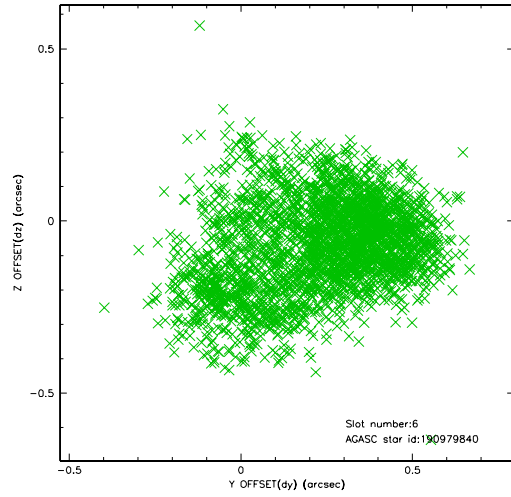
## 2.4.2 Slot 4



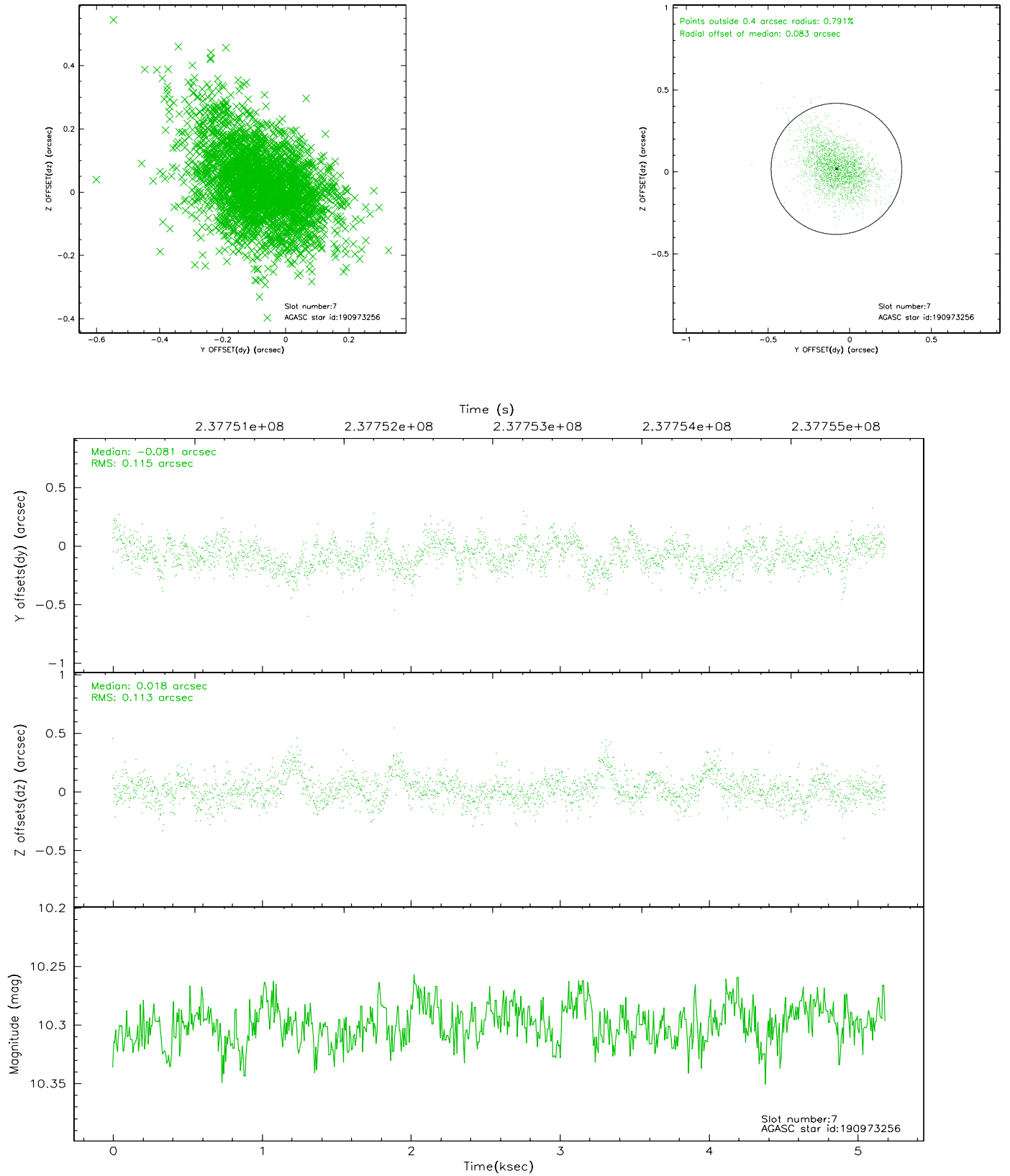
### 2.4.3 Slot 5



## 2.4.4 Slot 6

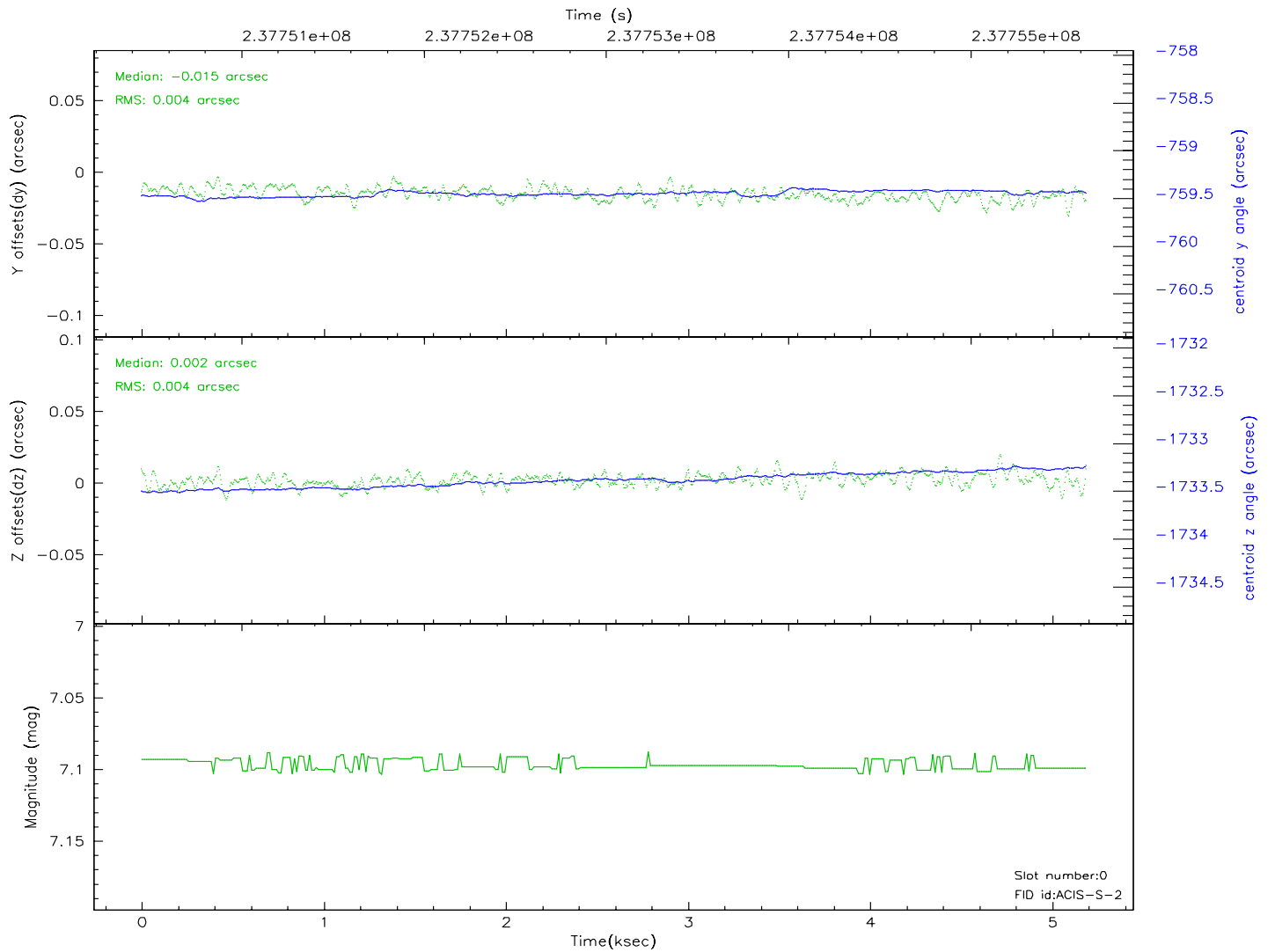
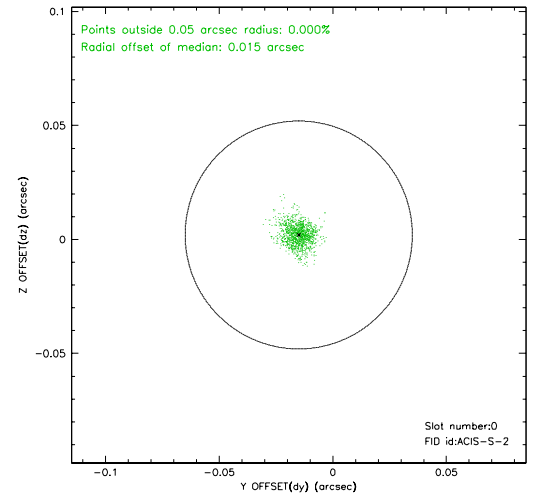
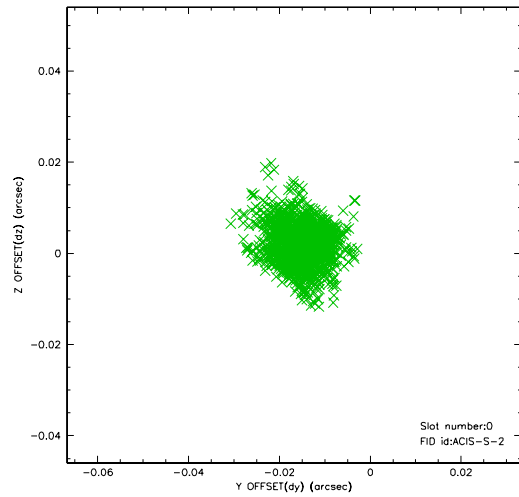


## 2.4.5 Slot 7

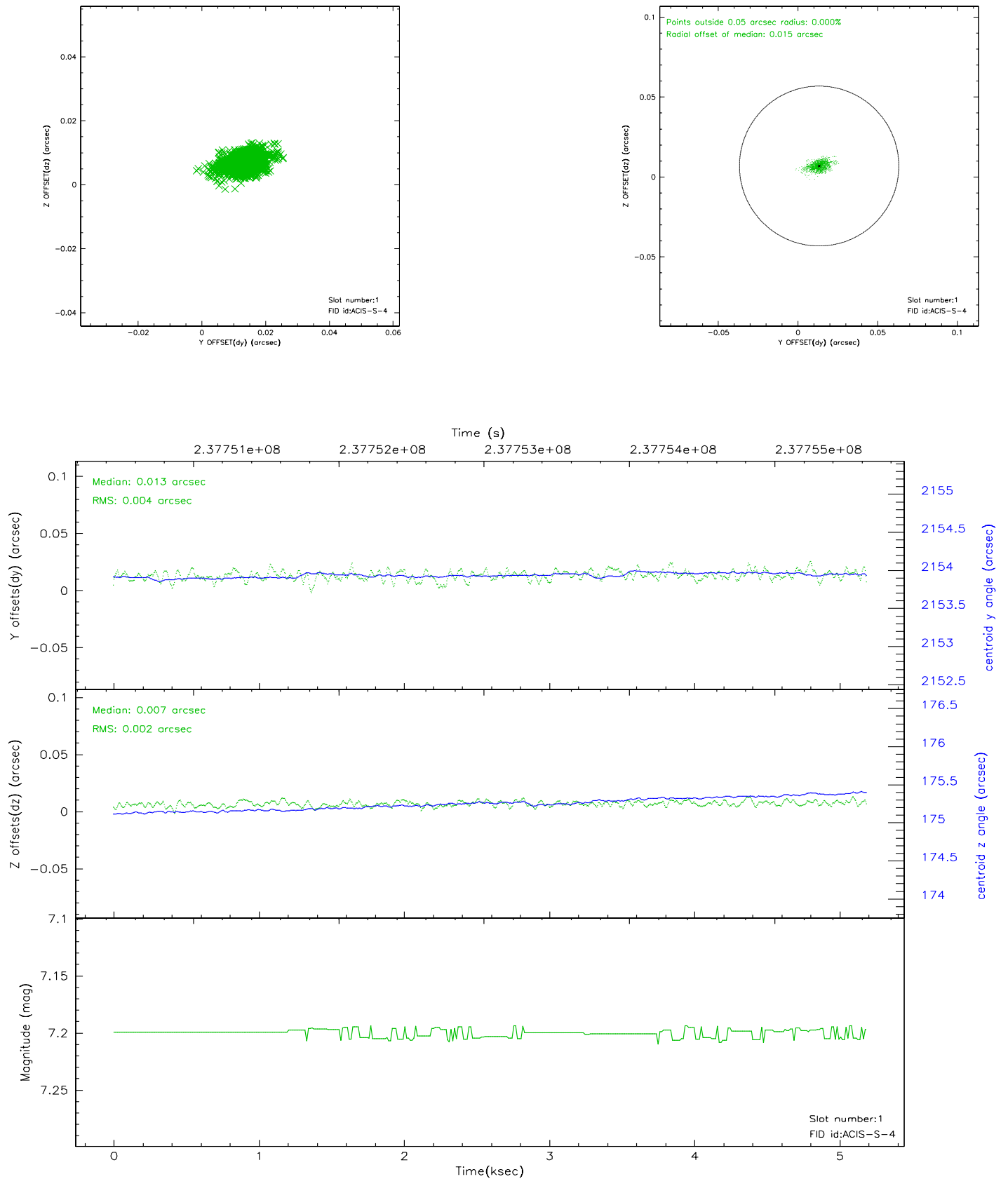


## 2.5 FID Slots

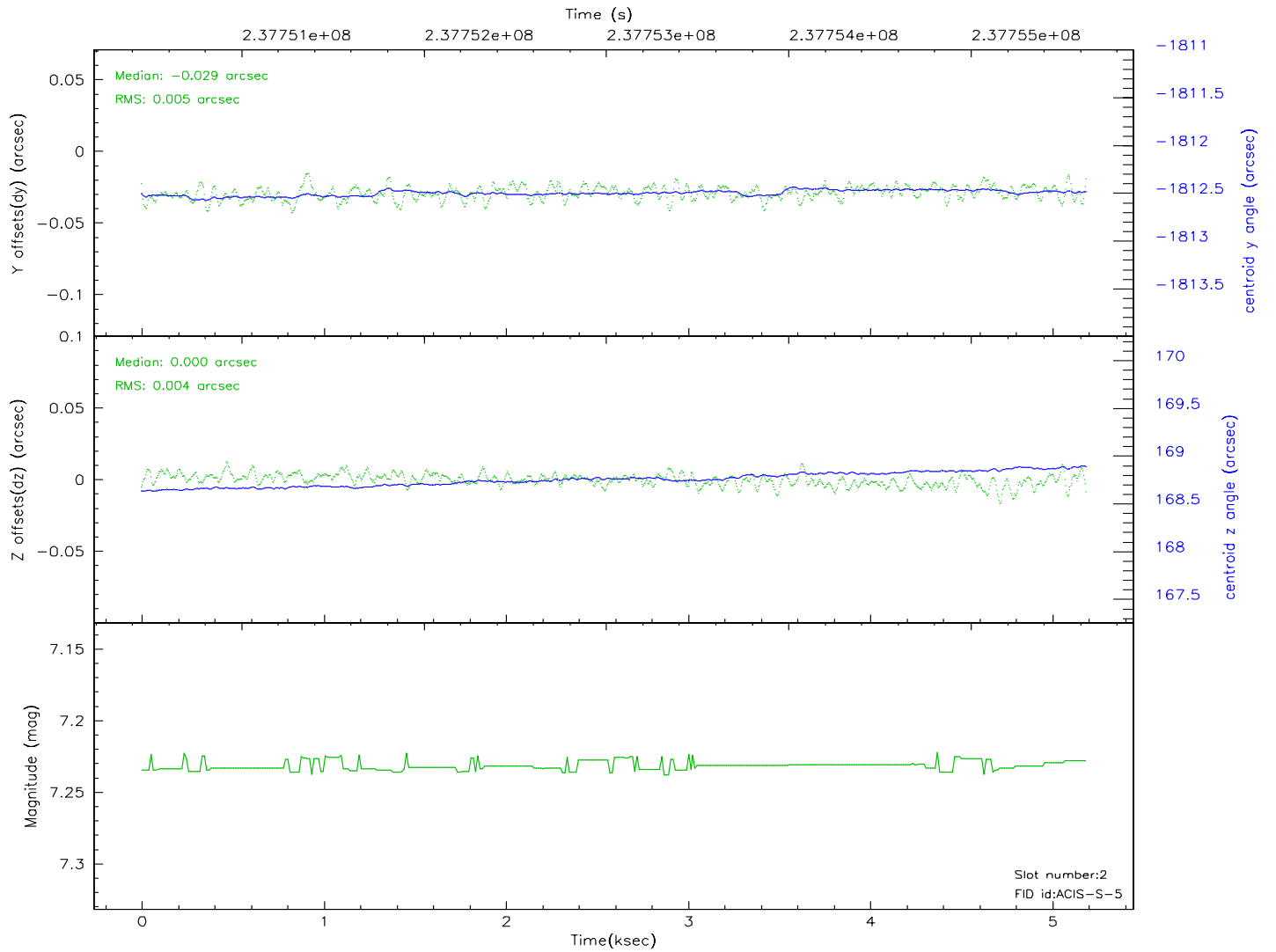
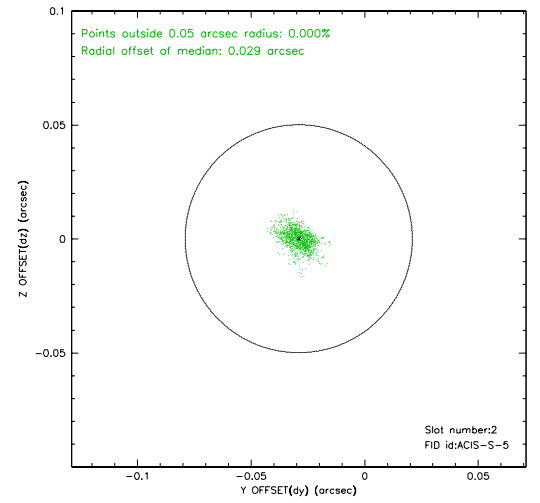
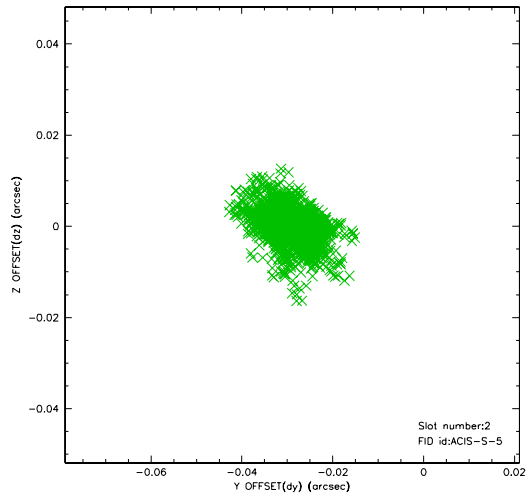
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





## A Summary

### A.1 Status

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2006.09.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.18575

### A.2 Comments