

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 4795 - L2 Version 3  
Chandra X-Ray Center

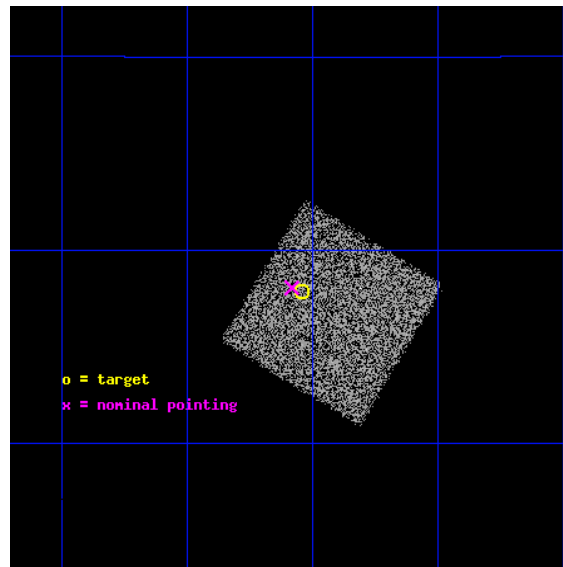
L2 Processing Date : Nov 9 2012

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# 1 Front

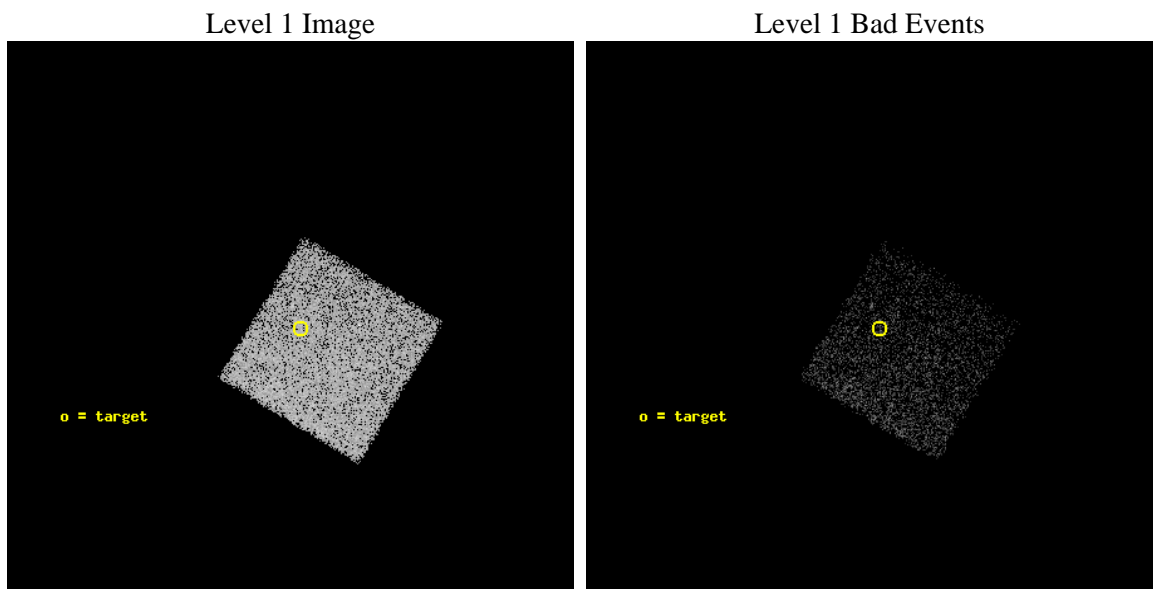
seq_num	700878	Sequence number
obs_id	4795	Observation id
title	Anchoring the AGN X-ray Luminosity Function	Proposal title
observer	Dr. JOHN SALZER	Principal investigator
object	F1525-1892	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	232.135417	Observer's specified target RA [deg]
dec_targ	28.964194	Observer's specified target Dec [deg]
ra_nom	232.14569430115	Nominal RA [deg]
dec_nom	28.967702375243	Nominal Dec [deg]
roll_nom	31.167476838455	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4356.0	Sum of GTIs [s]
livetime	4297.2141109621	Livetime [s]
ontime7	4356.0	Sum of GTIs [s]
l2events	14628	Number of level 2 events



## 2 OBI

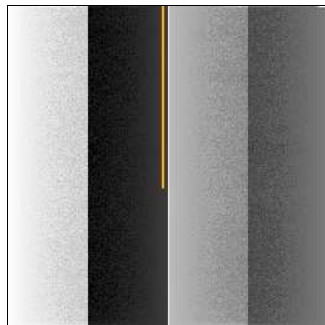
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4356.0	Sum of GTIs [s]
caldsver	4.5.2	&#160	ontime7	4356.0	Sum of GTIs [s]
date	2012-11-09T07:36:36	Date and time of file creation	l1events	37194	Number of level 1 events
revision	3	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	37194
rejected events	22227
rejected %	59%

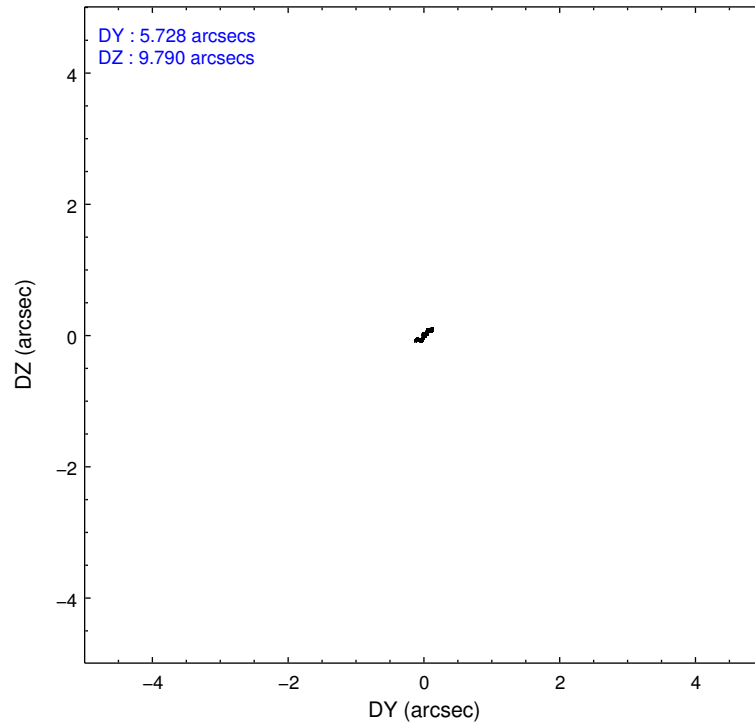
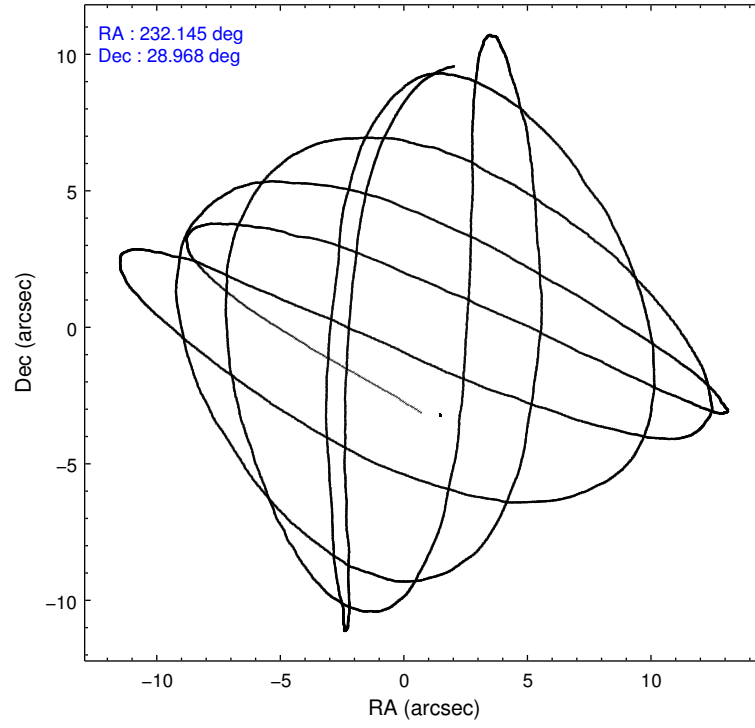
	<b>ccd 7</b>
grade 0 events	1552
	4%
grade 1 events	26
	0%
grade 2 events	3059
	8%
grade 3 events	1453
	3%
grade 4 events	1391
	3%
grade 5 events	3490
	9%
grade 6 events	8442
	22%
grade 7 events	17781
	47%

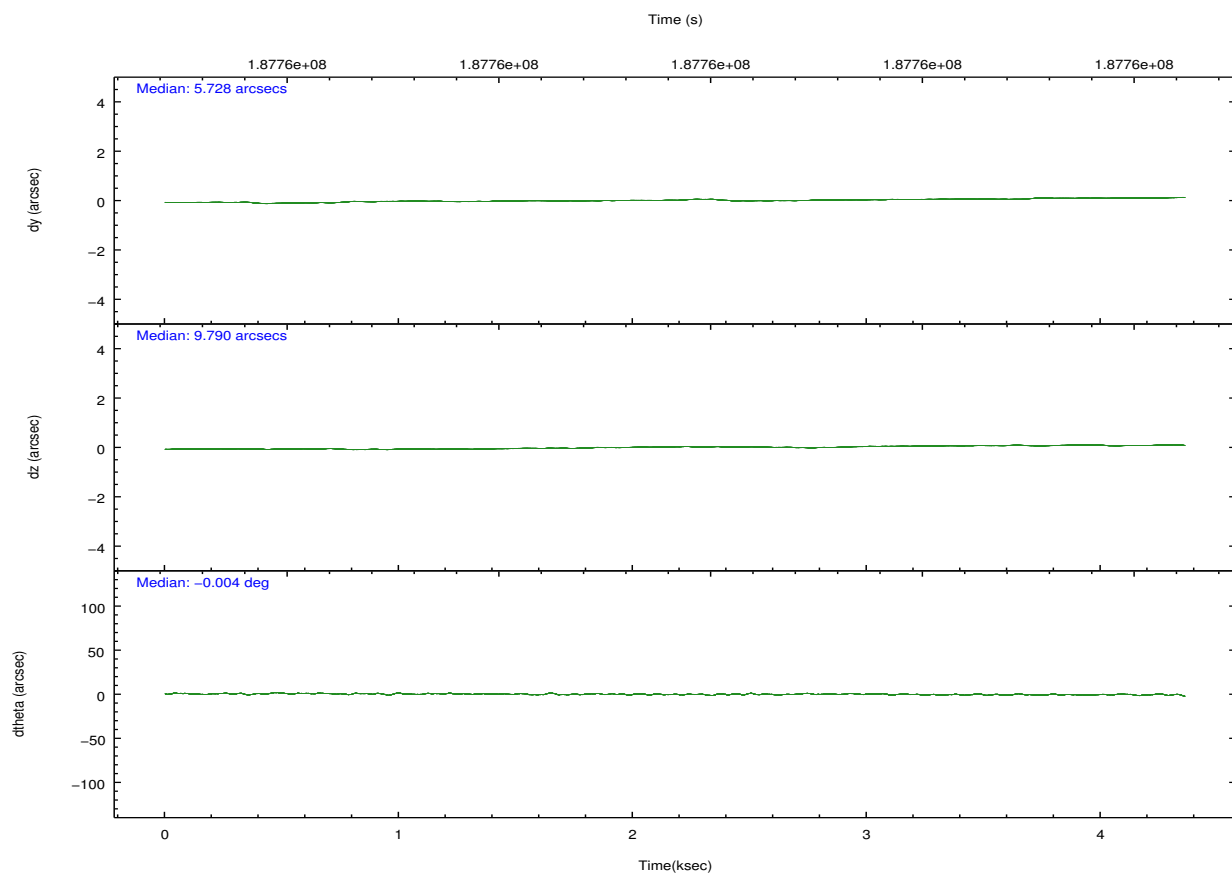
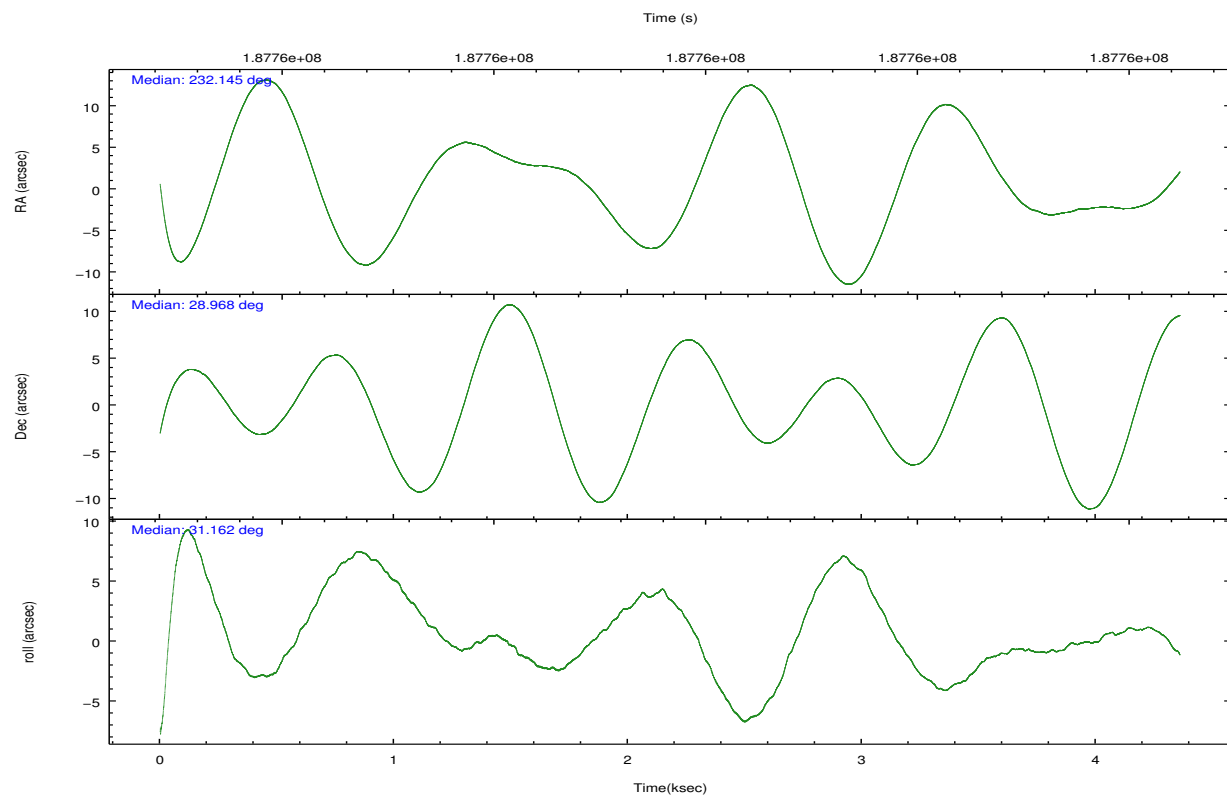


## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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
[deg] Pointing RA	232.131098	232.1456943011536	Subarray requested	NONE	NONE
[deg] Pointing Dec	28.943636	28.96770237524307	Alternating exposures requested	N	N
[deg] Pointing Roll	31.017958	31.16747683845473	[s] Primary exposure time	0.000000	3
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	187758012.184000	187756961.49327			
Observation start date	2003-12-14T02:59:08	2003-12-14T02:42:41			
[s] Observation end time (MET)	187762012.184000	187762744.54352			
Observation end date	2003-12-14T04:05:48	2003-12-14T04:19:04			
Read mode	TIMED	TIMED			

## 2.3 Aspect



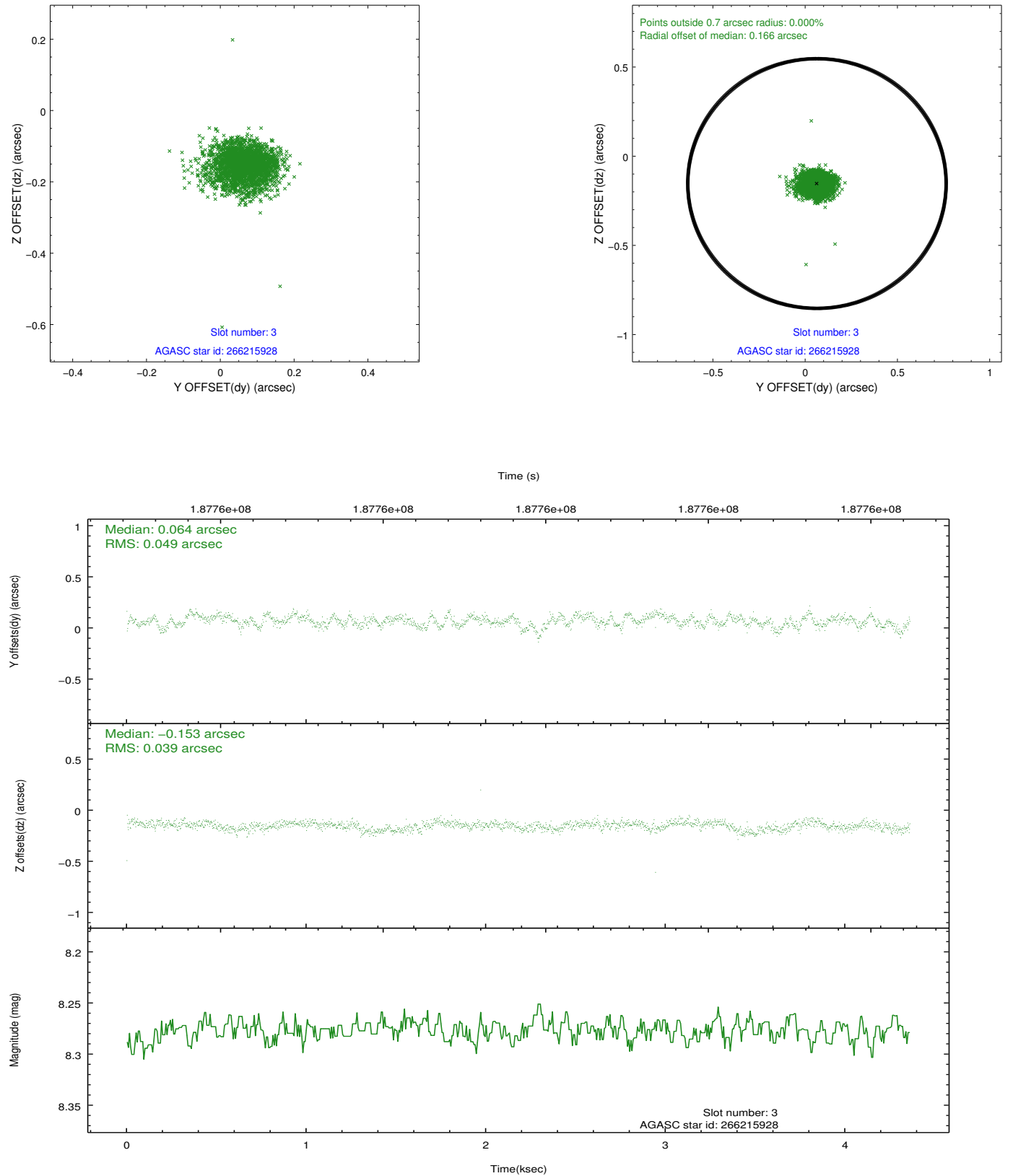


### Slot Statistics

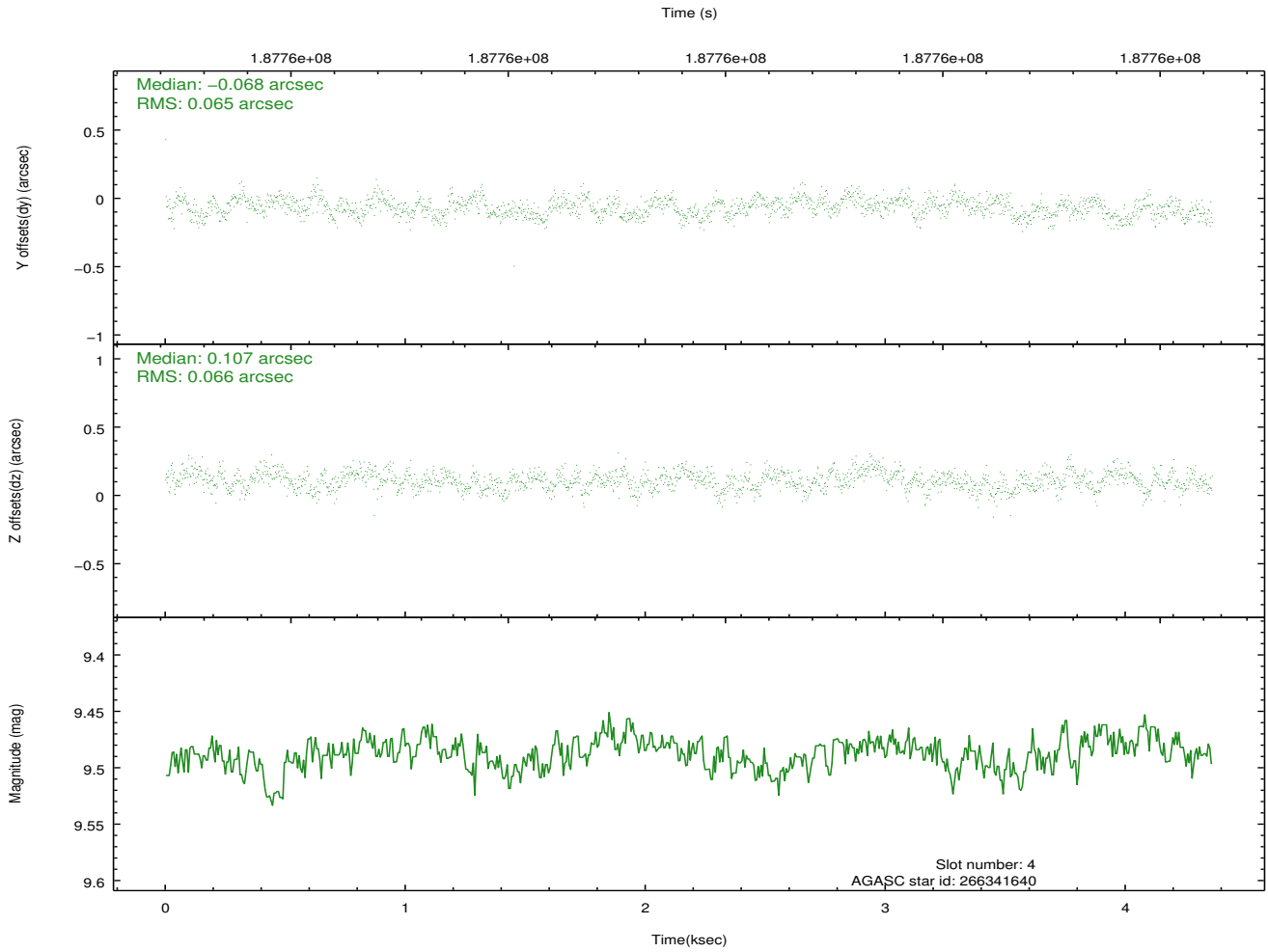
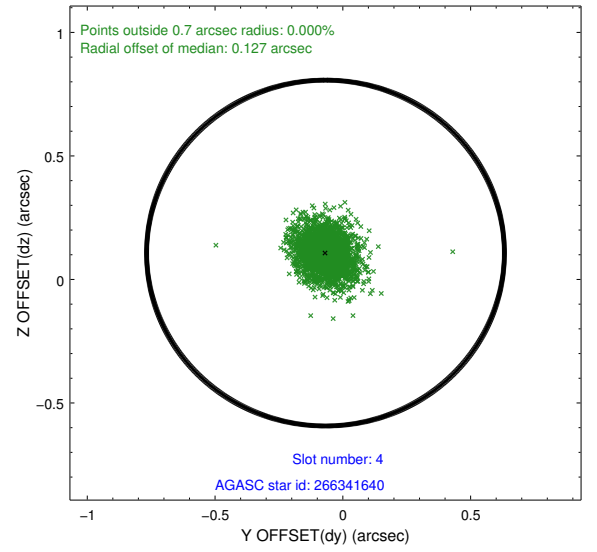
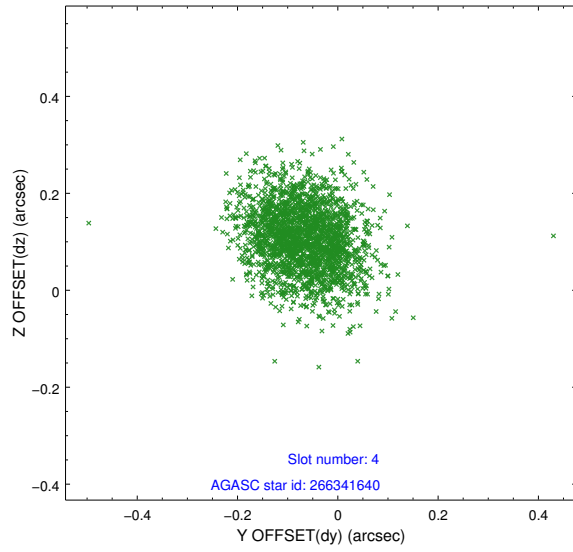
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1064	-0.026	-0.038	0.007	0.011	0.000000	0.000000	-758.48	-1731.01
1	FID	ACIS-S-5	7.23	1063	-0.050	-0.007	0.007	0.013	0.000000	0.000000	-1812.26	169.53
2	FID	ACIS-S-6	7.34	1064	0.050	0.052	0.007	0.011	0.000000	0.000000	401.68	815.09
3	GUIDE	266215928	8.28	2128	0.064	-0.153	0.065	0.105	231.261301	29.146197	-1962.53	2042.56
4	GUIDE	266341640	9.49	2128	-0.068	0.107	0.097	0.158	232.628690	28.610232	730.70	-1835.51
5	GUIDE	266343832	9.26	2126	-0.075	-0.041	0.093	0.150	232.610121	29.317678	1984.71	381.09
6	GUIDE	266344664	9.68	2126	0.074	0.029	0.102	0.168	232.455750	28.949096	888.72	-508.50
7	GUIDE	266350832	10.09	2126	-0.004	0.063	0.149	0.231	231.840257	28.171464	-2221.97	-1906.16

## 2.4 Star Slots

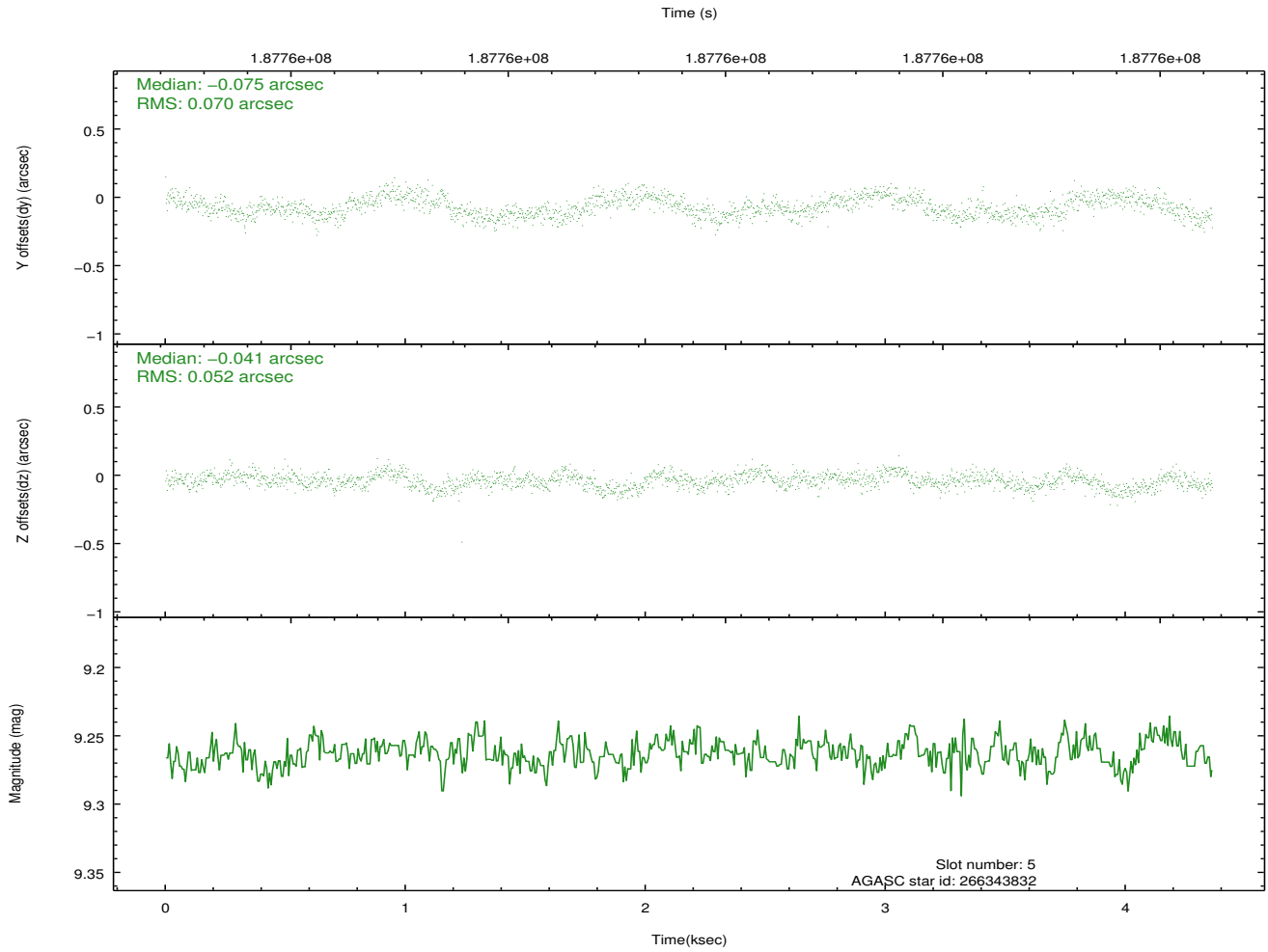
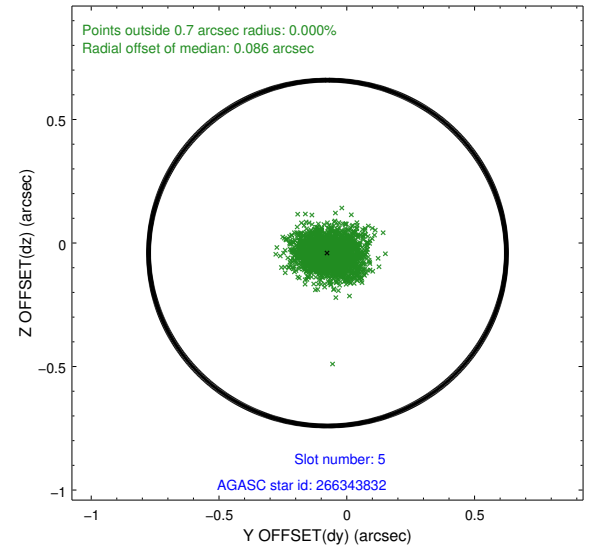
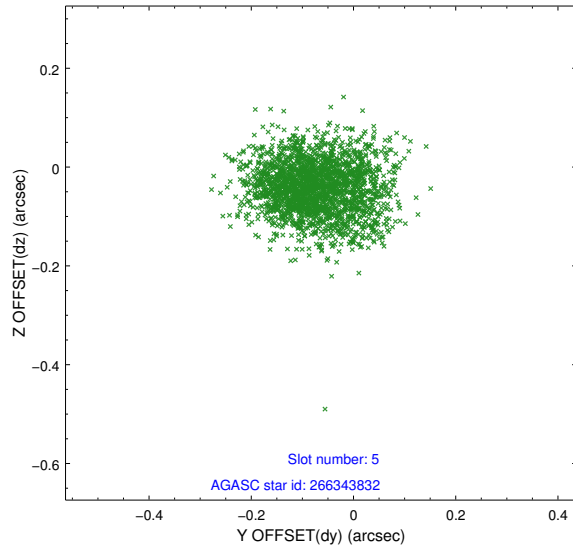
### 2.4.1 Slot 3



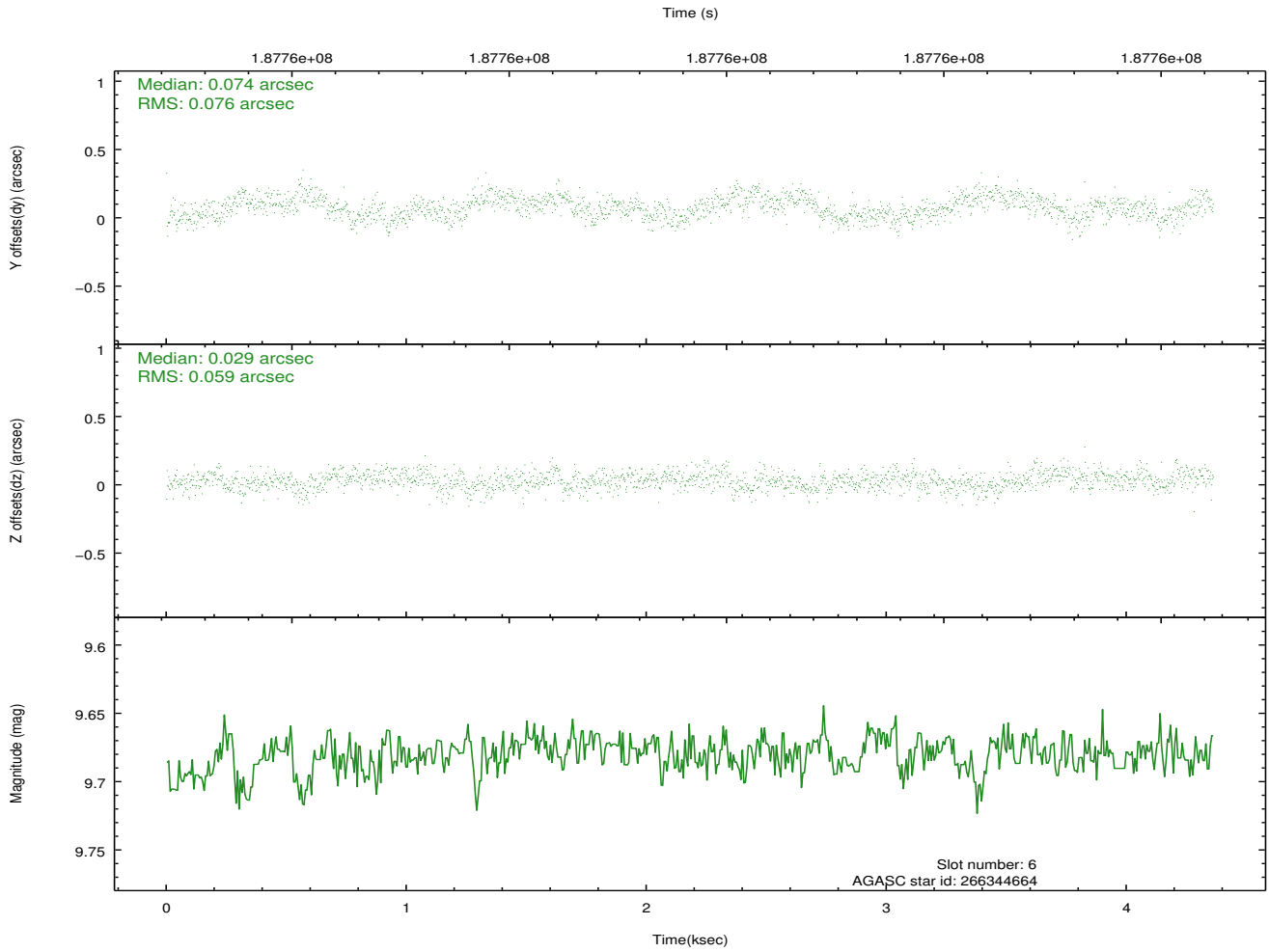
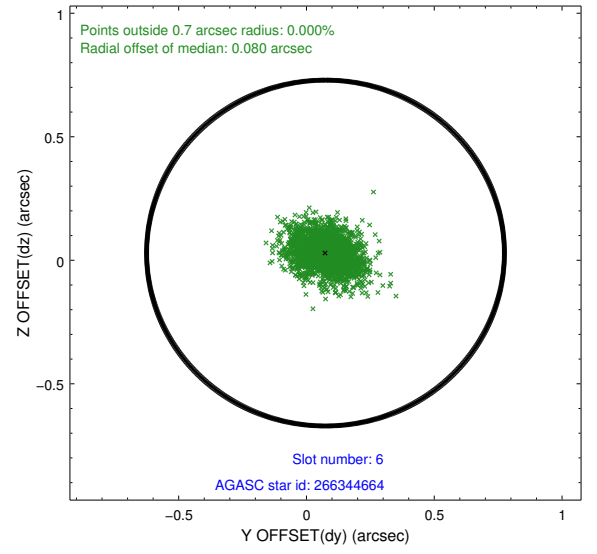
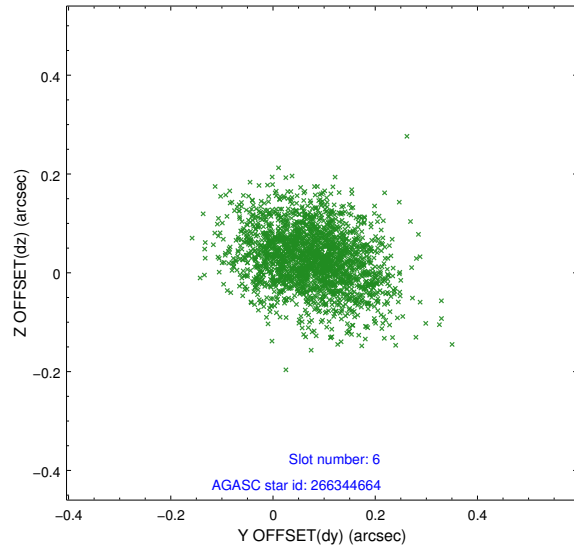
## 2.4.2 Slot 4



### 2.4.3 Slot 5

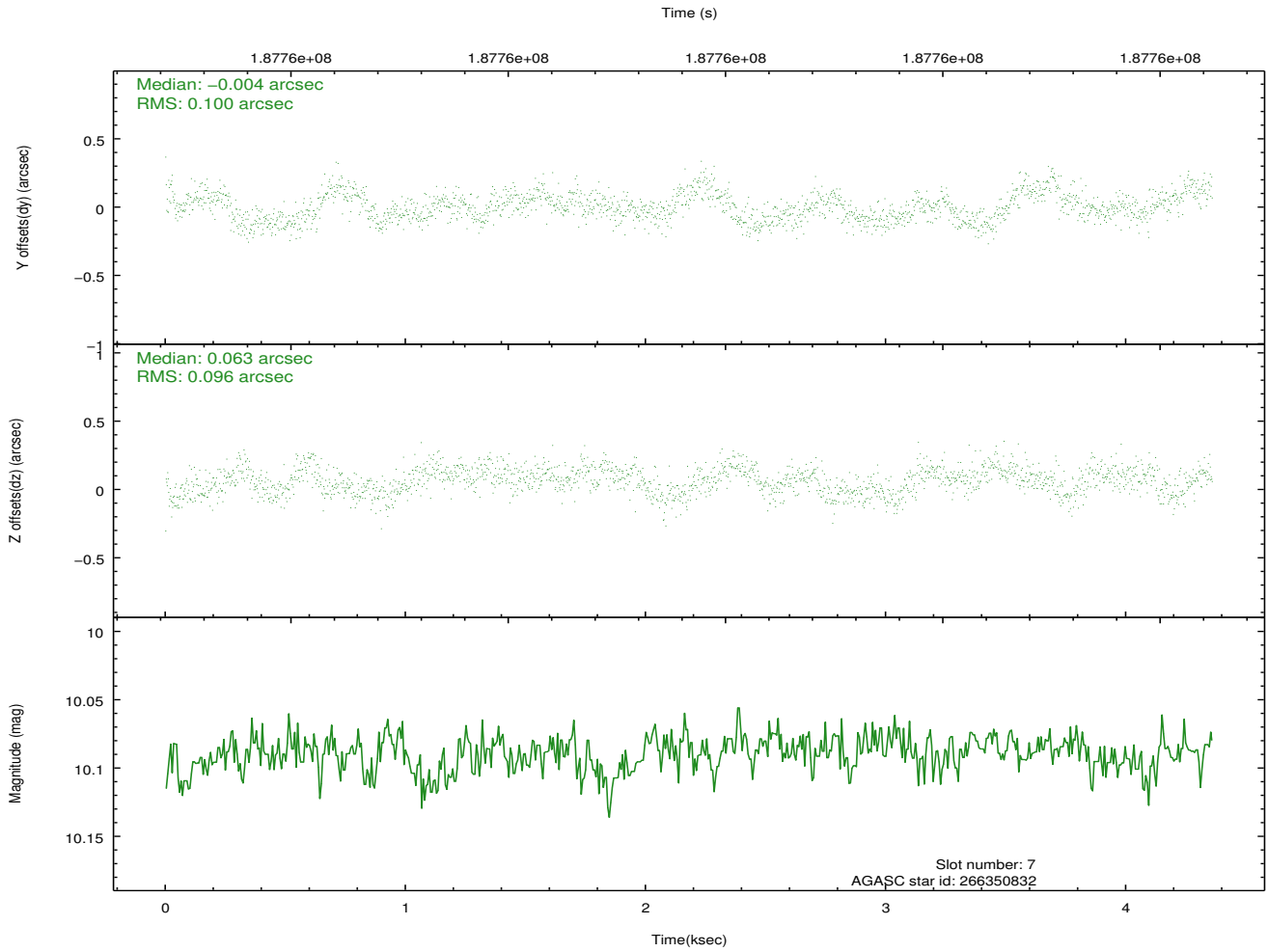
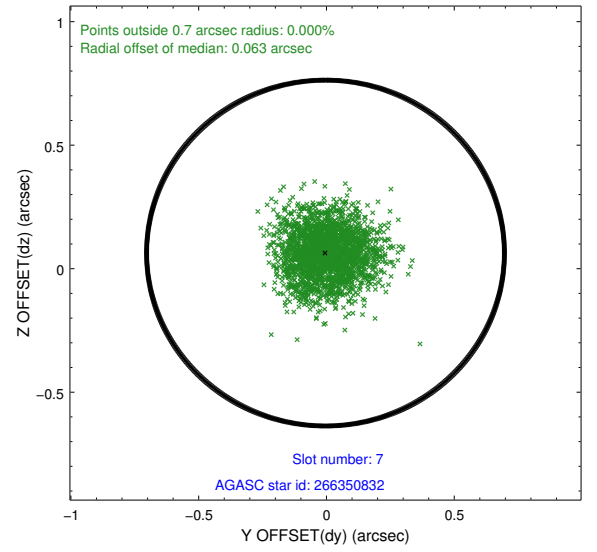
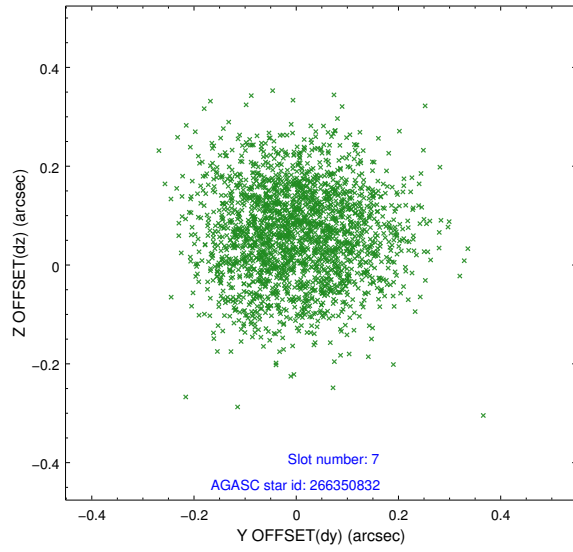


## 2.4.4 Slot 6



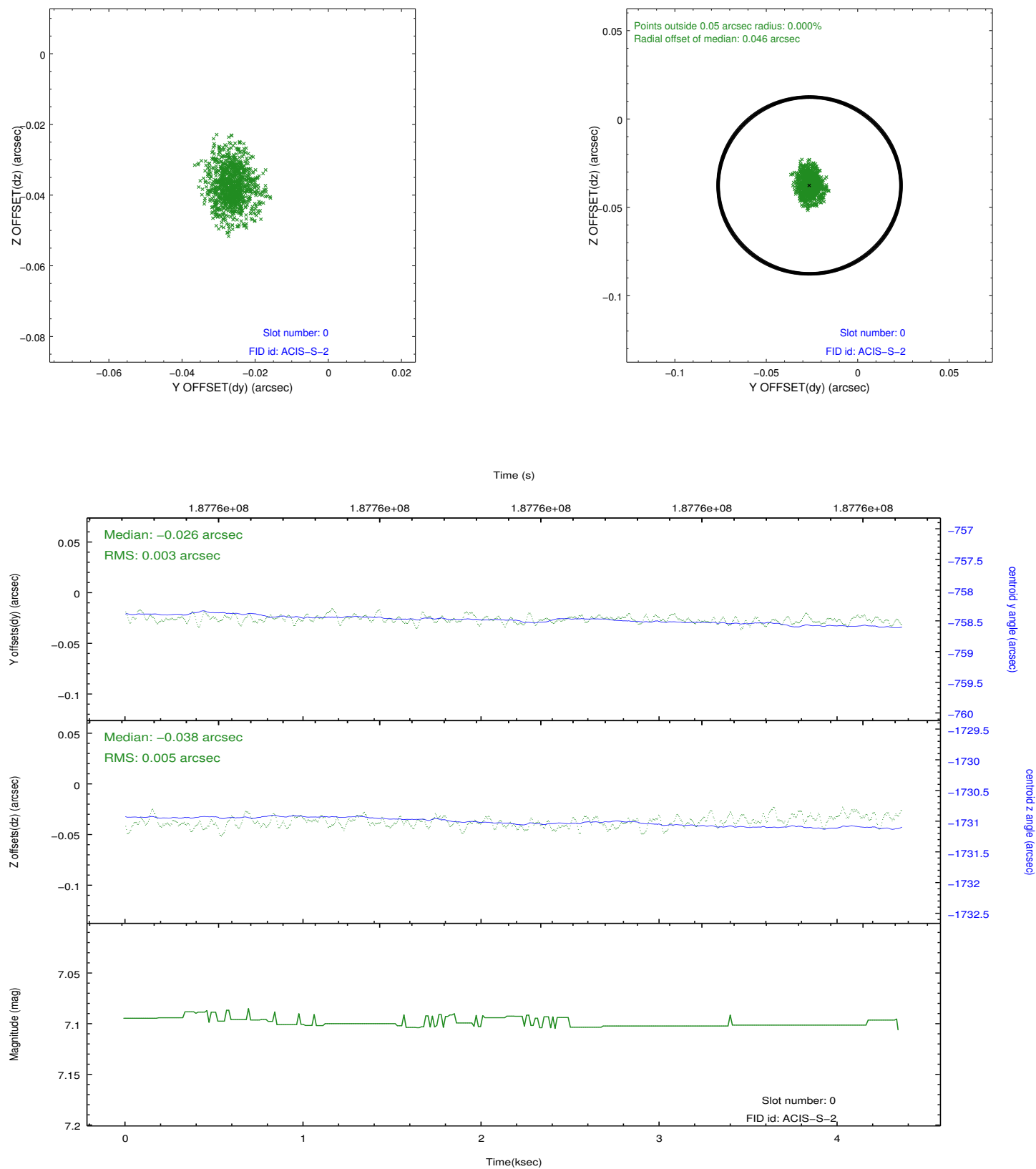


## 2.4.5 Slot 7

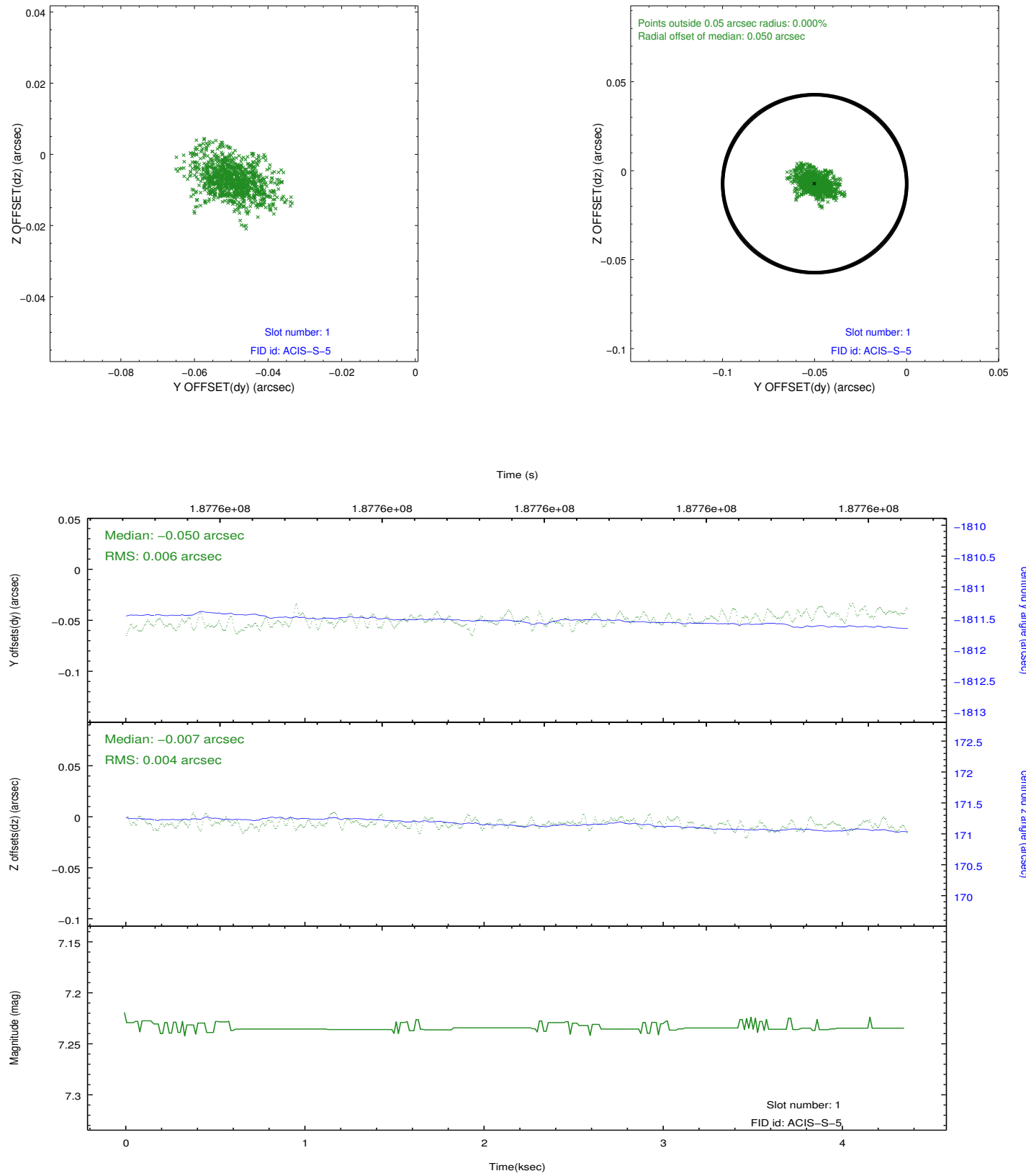


## 2.5 FID Slots

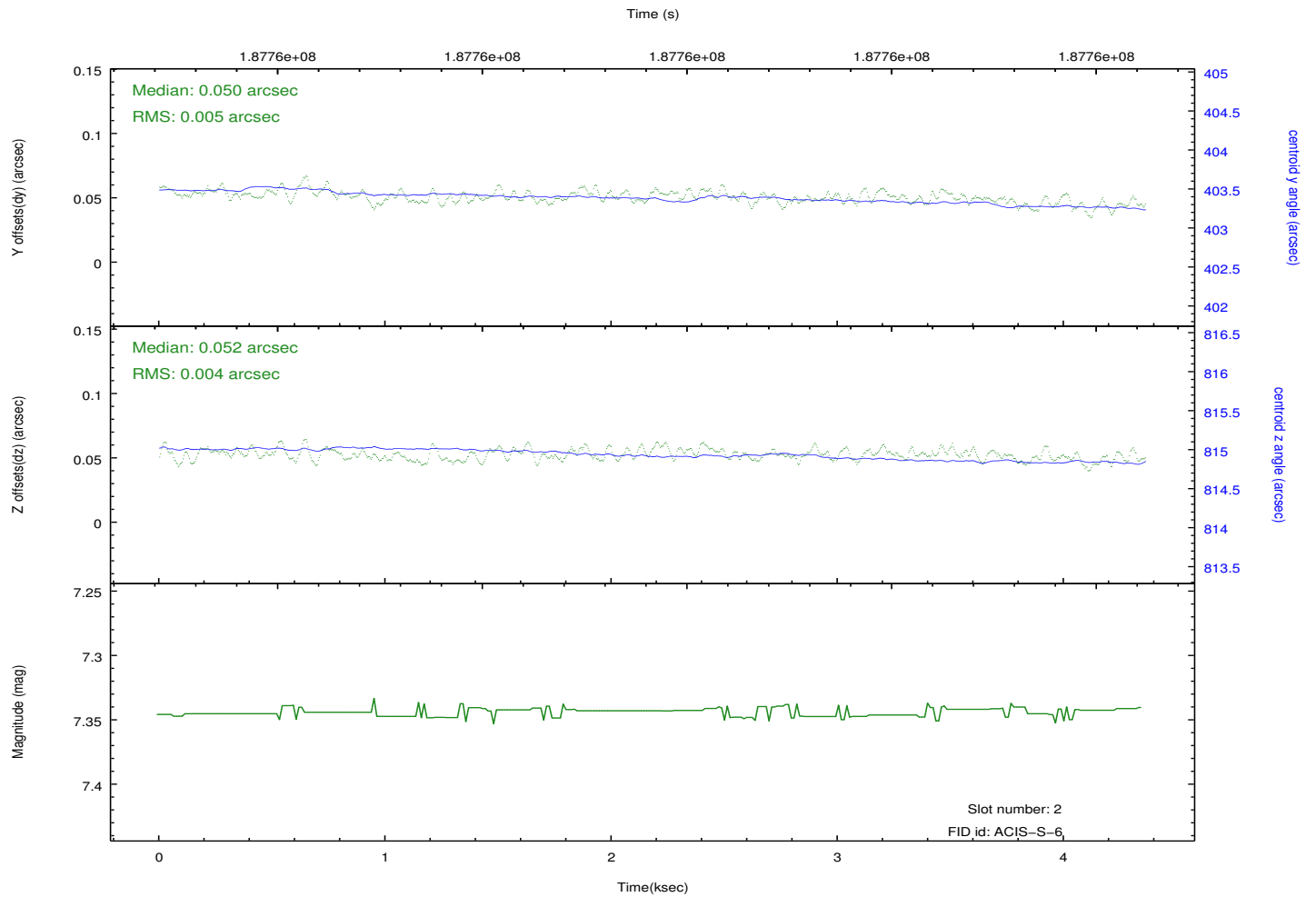
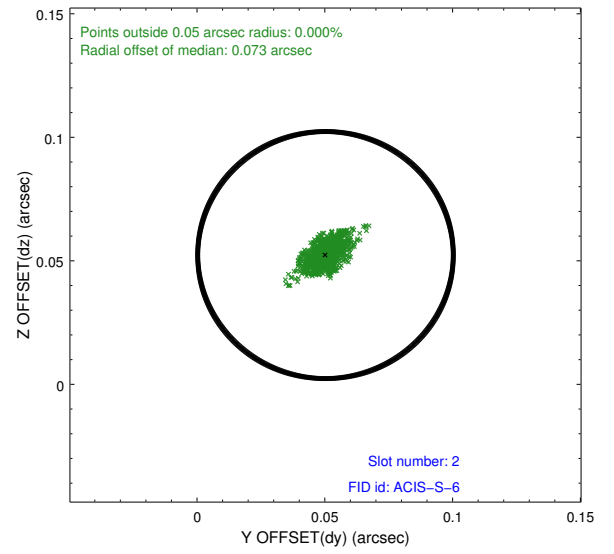
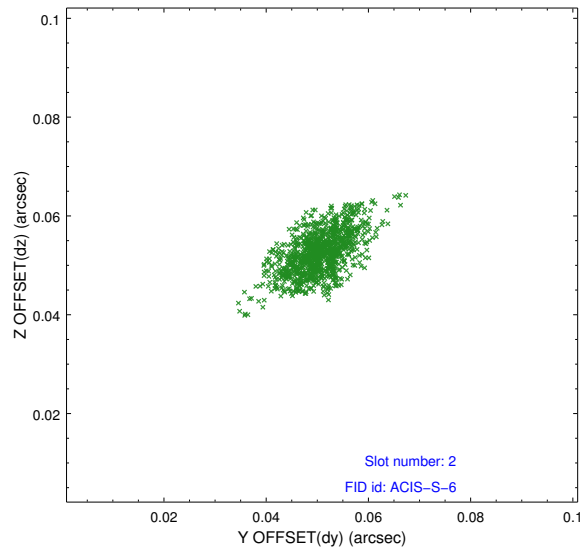
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2



## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.349

### A.2 Comments