

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4904 - L2 Version 001
Chandra X-Ray Center

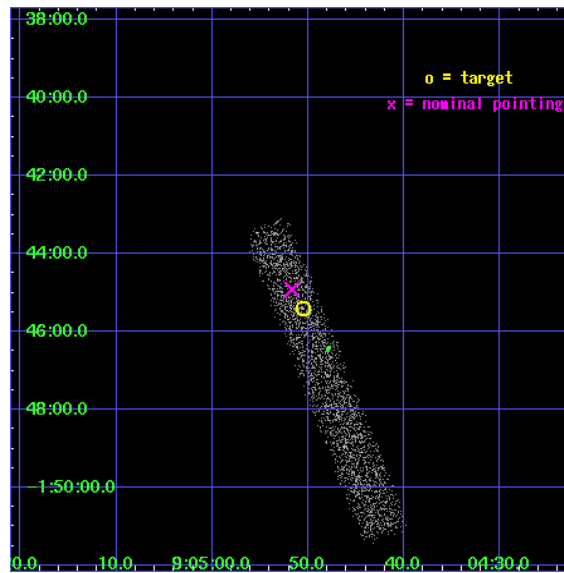
L2 Processing Date : Jun 26 2006

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1 Front

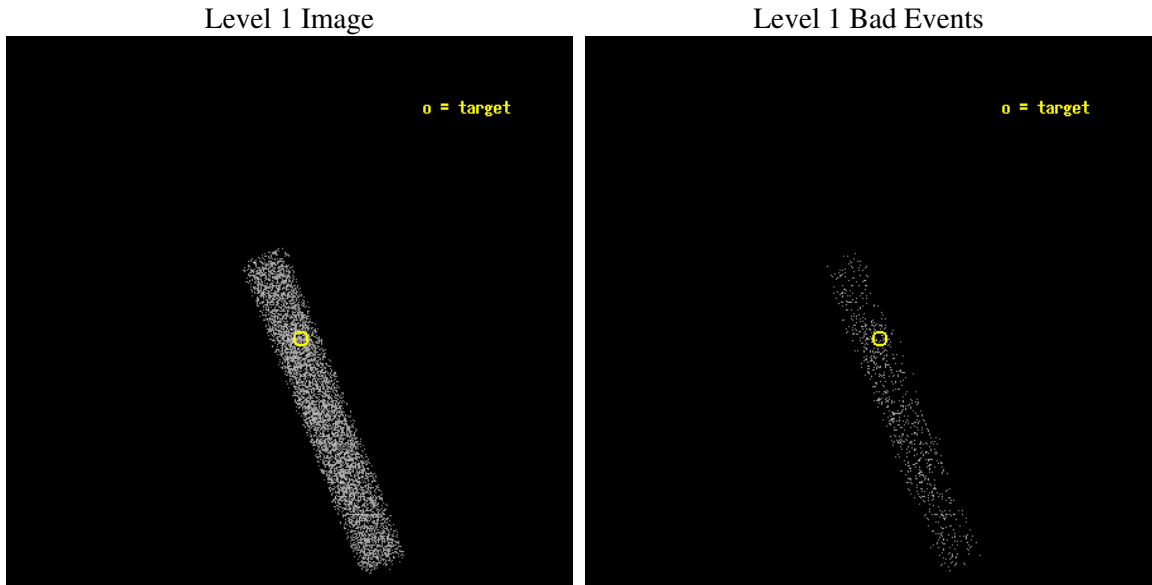
seq_num	700985
obs_id	4904
title	The X-ray Spectra of Red Quasars
observer	Dr Mark Lacy
object	FTM 0904-0145
dtcycle	0
cycle	P
ra_targ	136.210417
dec_targ	-1.756833
ra_nom	136.21548641672
dec_nom	-1.7486657984983
roll_nom	68.326057487921
revision	2
ontime	8286.400123477
lifetime	7515.327519932
ontime7	8286.400123477
l2events	3163



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T21:56:13
revision	2

sched_exp_time	8135.543000
ontime	9198.2201286852
ontime7	9198.2201286852
l1events	8626

2.1.4 Events

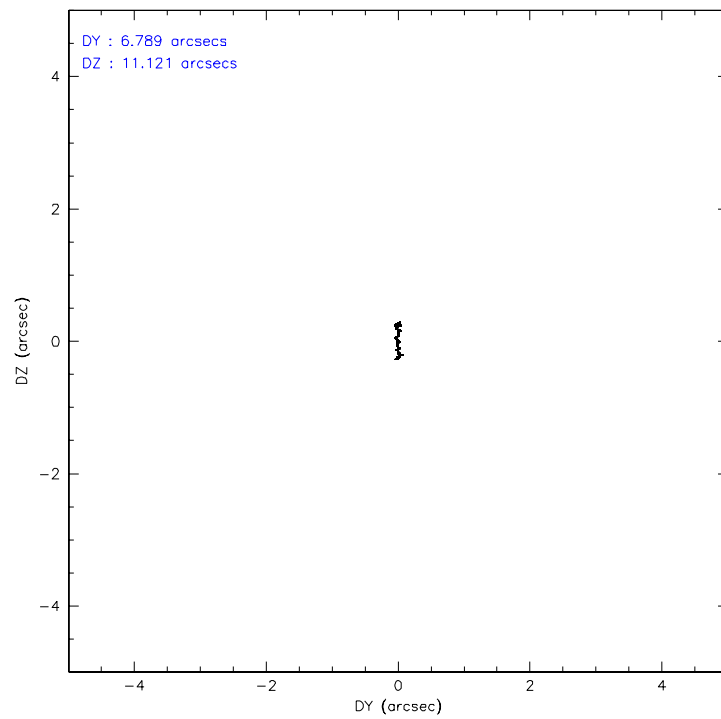
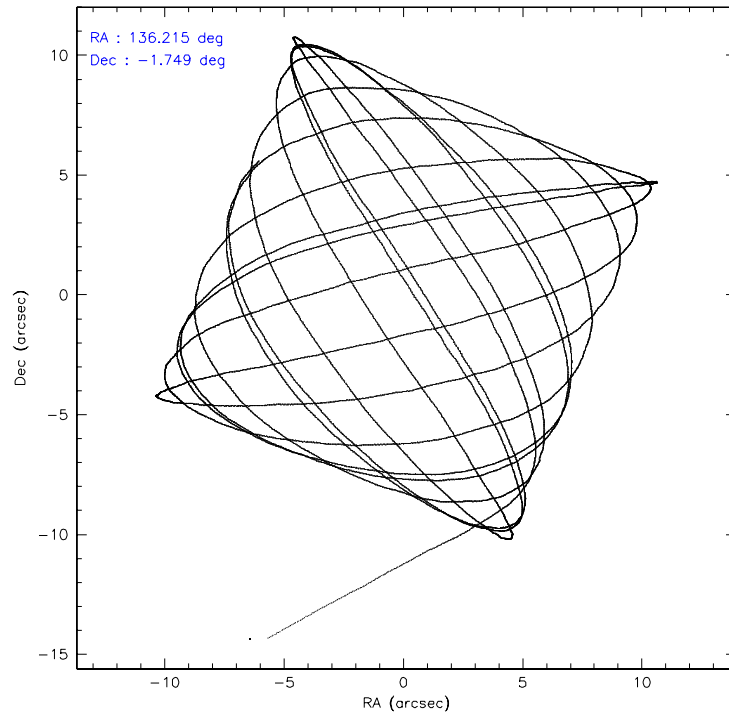
	ccd 7
level 1 events	8626
rejected events	5320
rejected %	61%

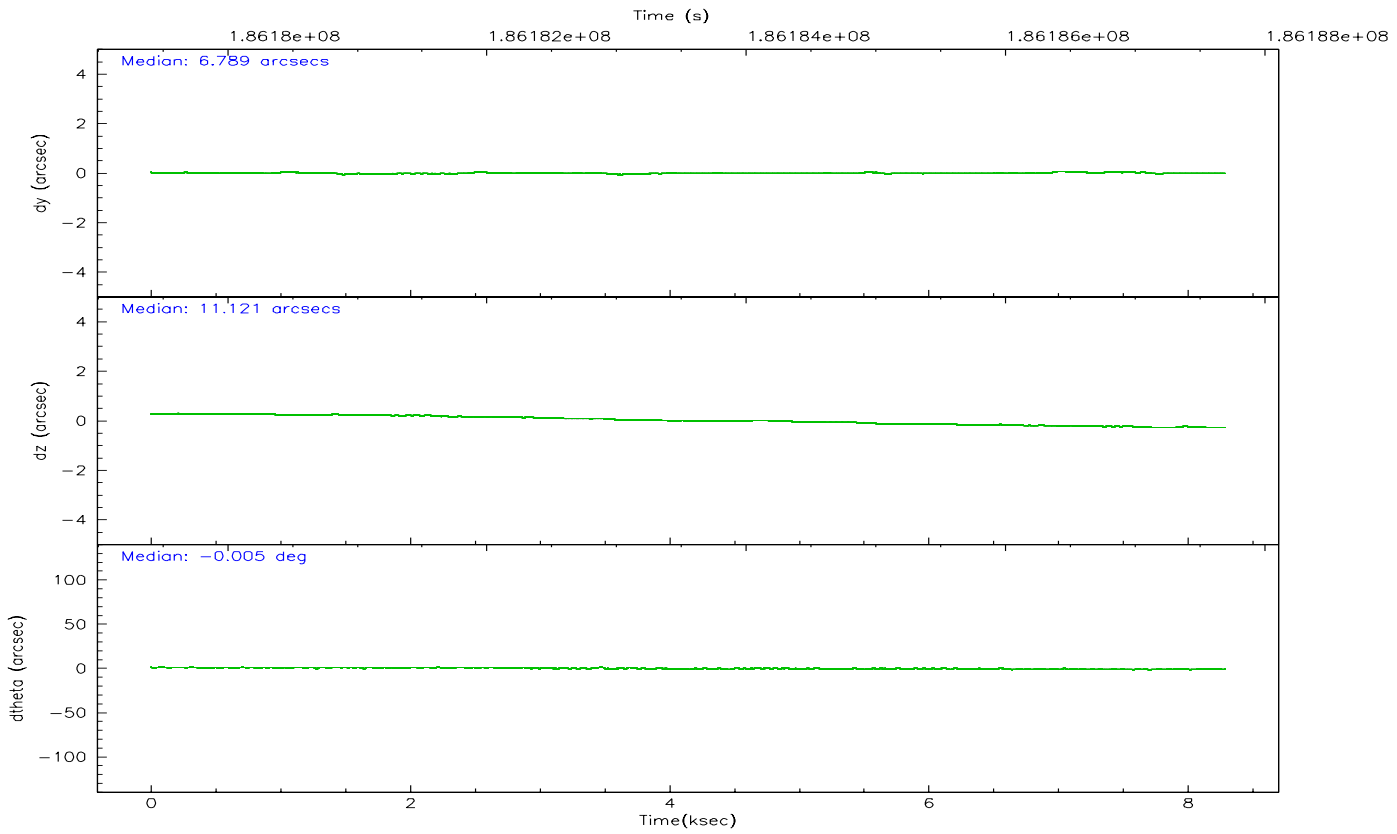
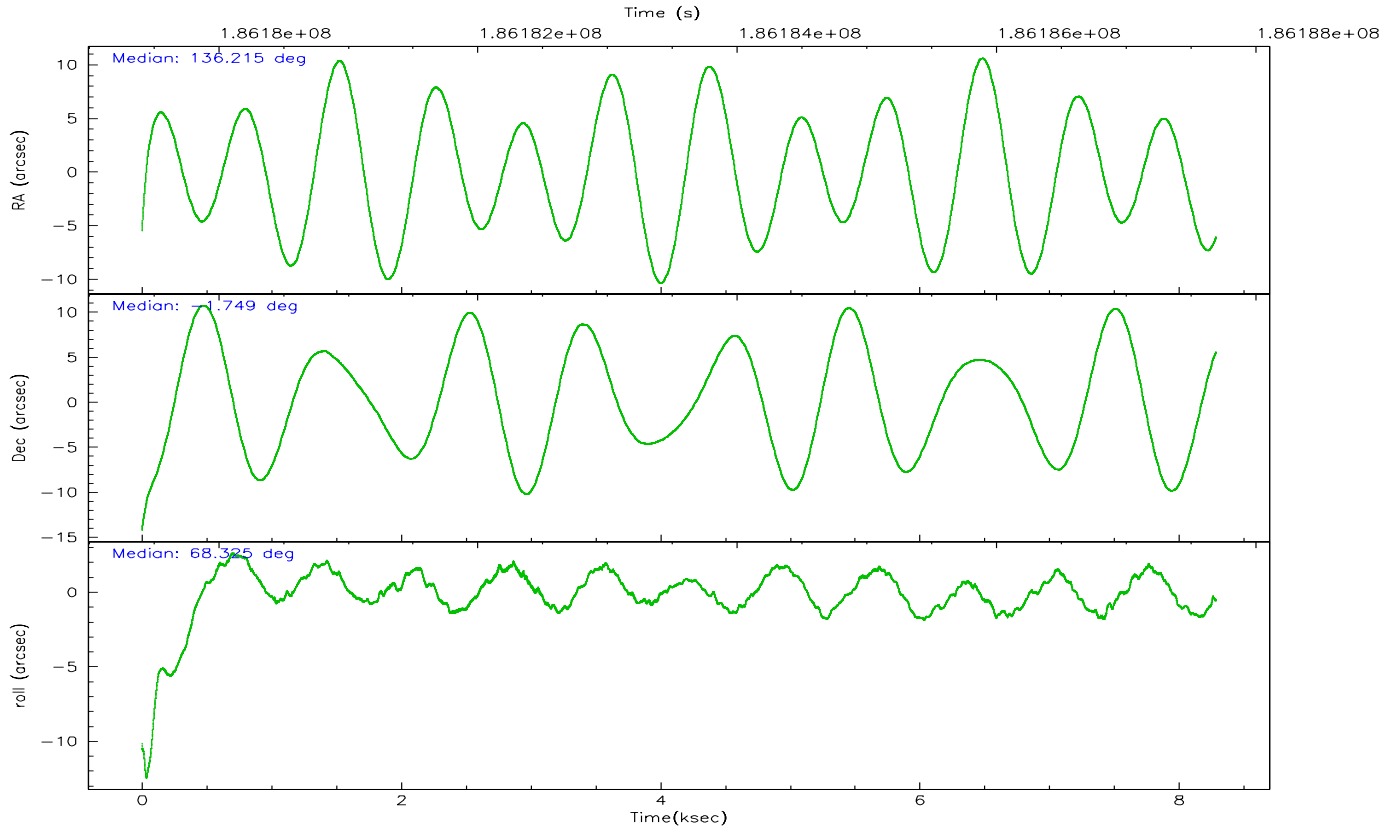
	ccd 7
grade 0 events	303
	3%
grade 1 events	7
	0%
grade 2 events	827
	9%
grade 3 events	342
	3%
grade 4 events	357
	4%
grade 5 events	605
	7%
grade 6 events	1871
	21%
grade 7 events	4314
	50%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	136.219819	136.215486416715	Subarray start row	0	449
Pointing Dec	-1.775502	-1.748665798498339	Subarray row count	1024	128
Pointing Roll	68.169562	68.32605748792142	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
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	186179556.184000	186178494.22482			
Observation start date	2003-11-25T20:31:32	2003-11-25T20:14:54			
Observation end time	186187692.184000	186188006.73773			
Observation end date	2003-11-25T22:47:08	2003-11-25T22:53:26			
Read mode	TIMED	TIMED			

2.3 Aspect



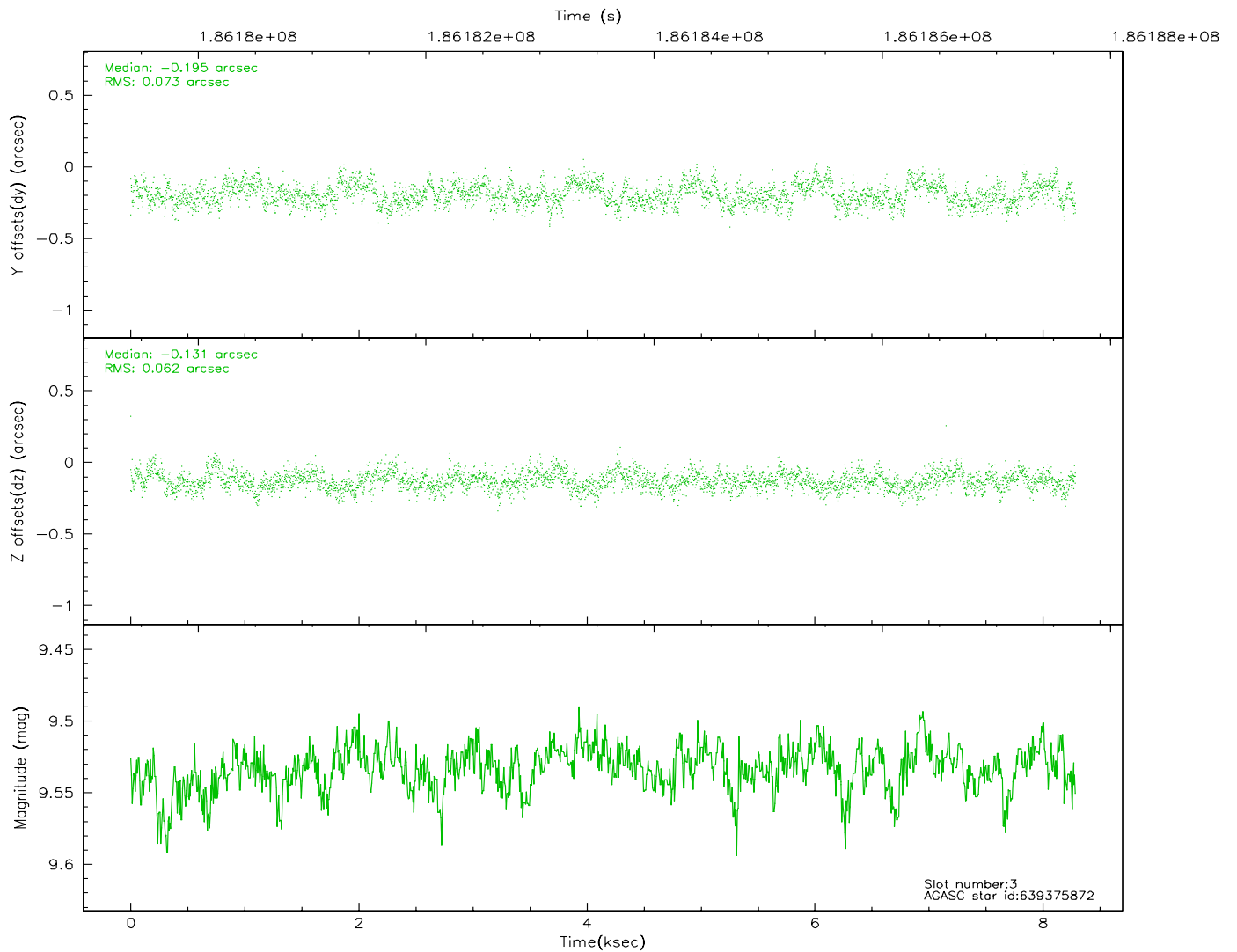
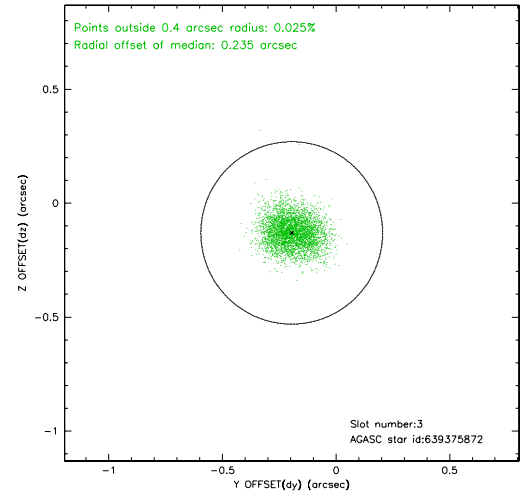
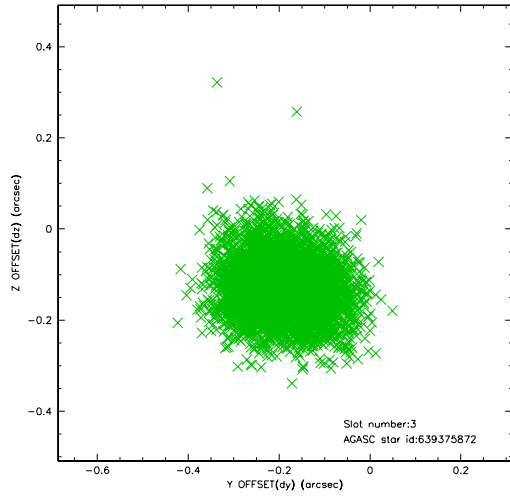


Slot Statistics

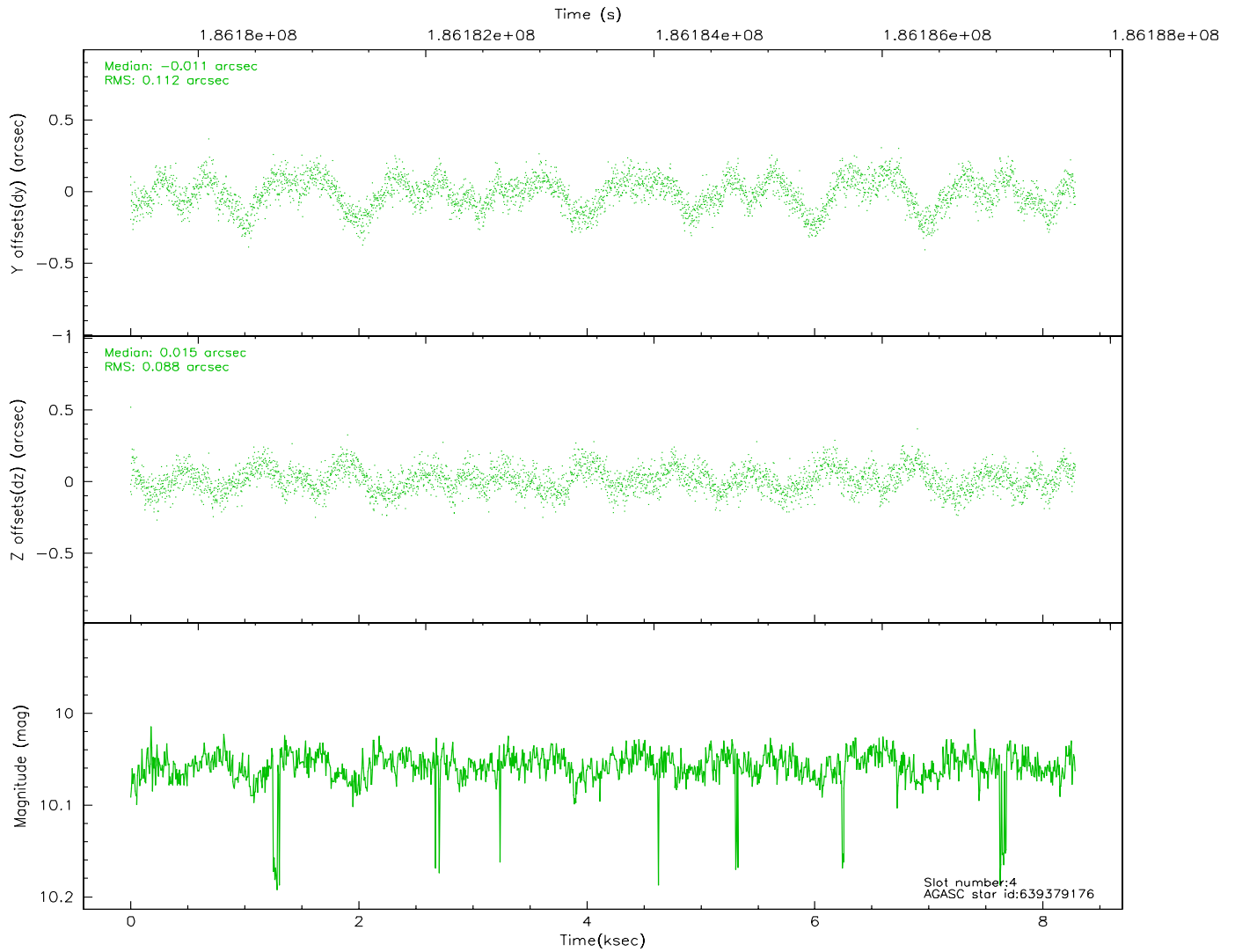
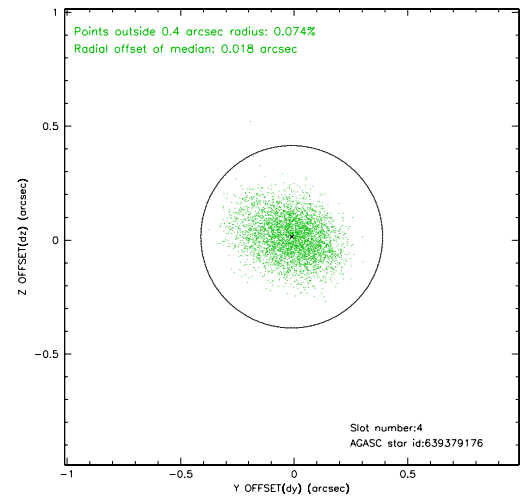
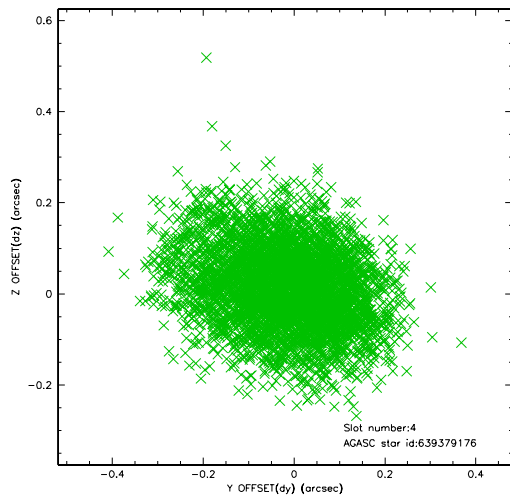
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2022	-0.040	0.004	0.008	0.014	0.000000	0.000000	-759.55	-1732.42
1	FID	ACIS-S-4	7.20	2022	0.025	0.018	0.008	0.014	0.000000	0.000000	2153.46	175.41
2	FID	ACIS-S-5	7.23	2022	-0.017	-0.014	0.007	0.011	0.000000	0.000000	-1811.53	169.77
3	GUIDE	639375872	9.53	4043	-0.195	-0.131	0.103	0.164	136.186080	-1.129152	2115.15	978.11
4	GUIDE	639379176	10.06	4032	-0.011	0.015	0.153	0.248	136.460819	-1.622125	836.09	-599.37
5	GUIDE	639380424	9.84	4040	0.106	0.083	0.125	0.210	136.629376	-1.763853	587.70	-1352.42
6	GUIDE	639894552	8.43	4044	0.141	-0.013	0.081	0.125	136.199140	-2.208210	-1472.90	-510.53
7	GUIDE	639895096	7.41	4043	-0.038	0.045	0.079	0.119	136.624219	-2.599659	-2213.24	-2453.61

2.4 Star Slots

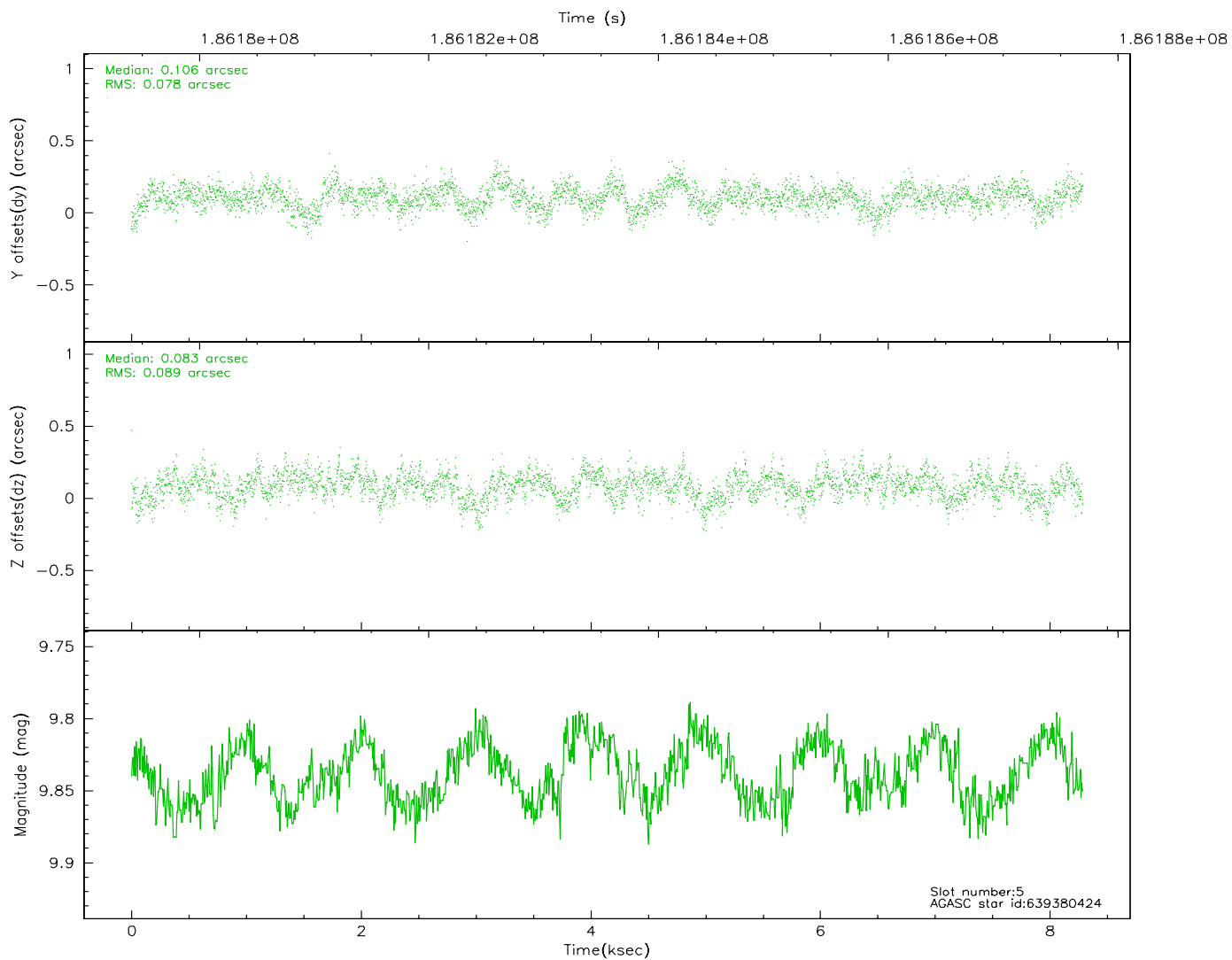
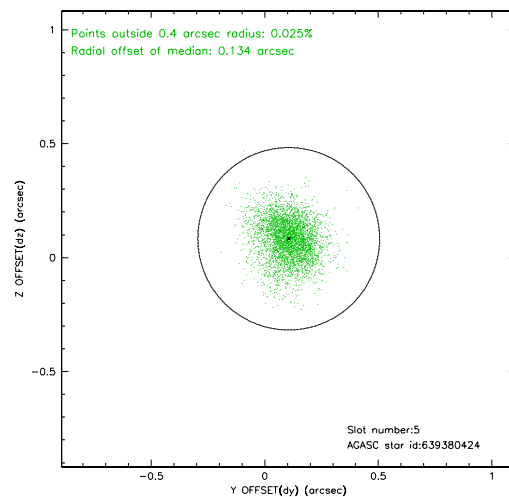
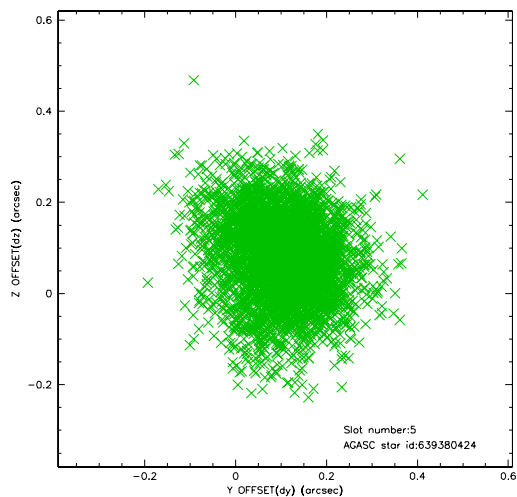
2.4.1 Slot 3



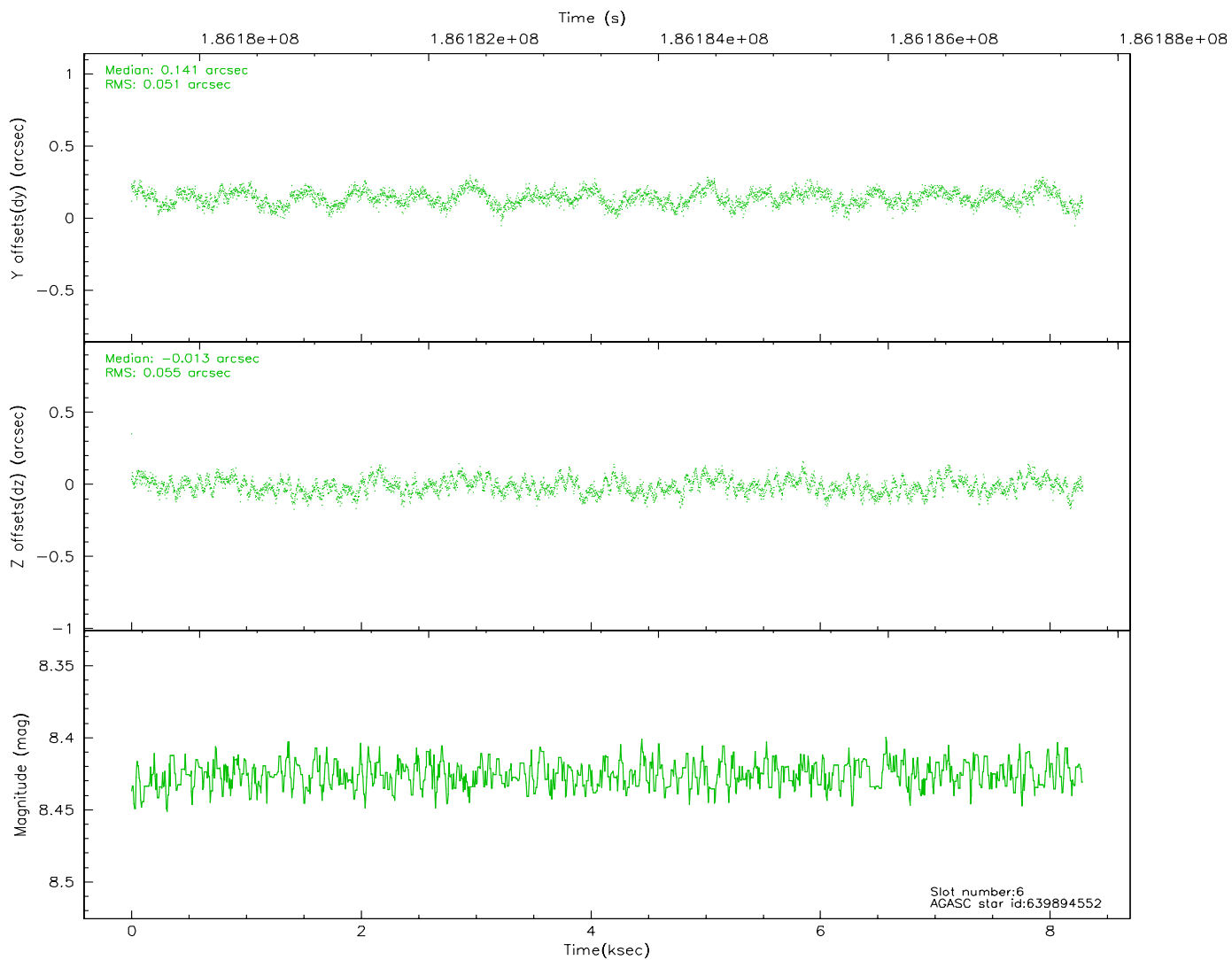
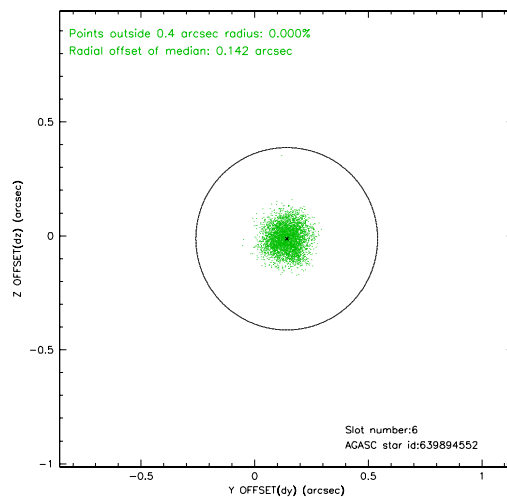
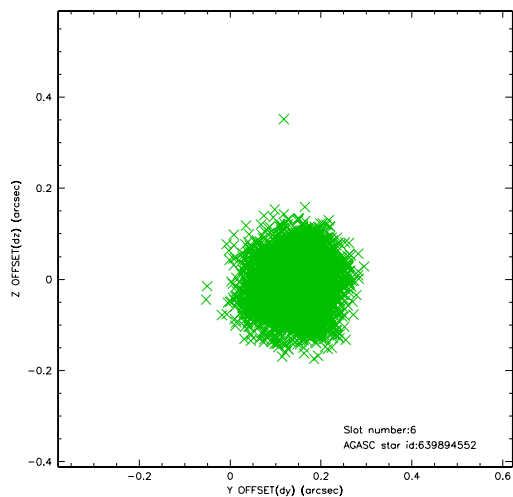
2.4.2 Slot 4



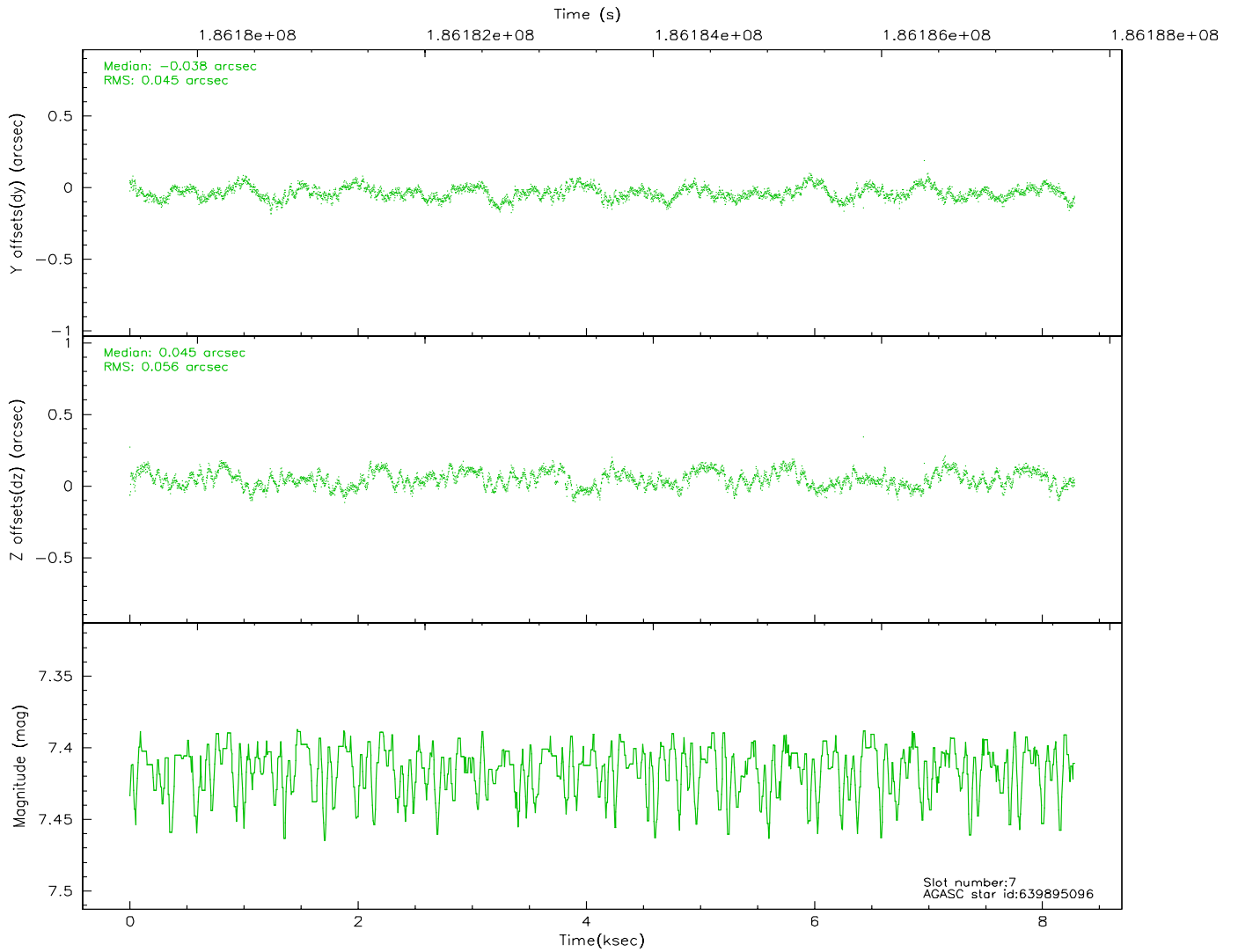
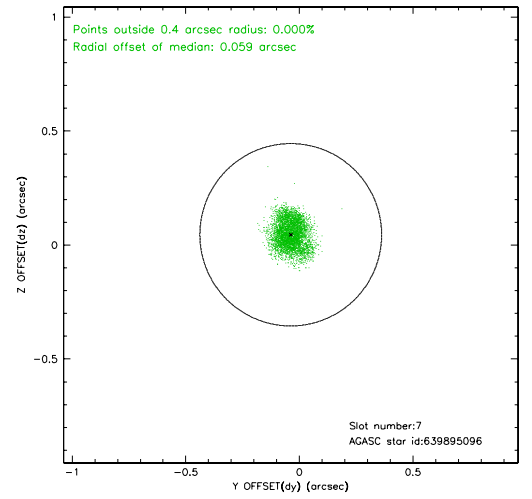
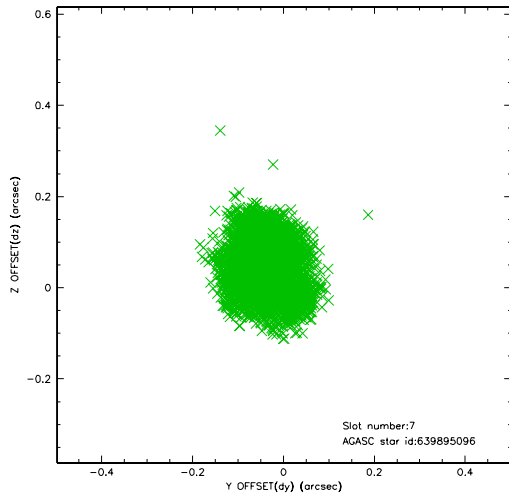
2.4.3 Slot 5



2.4.4 Slot 6

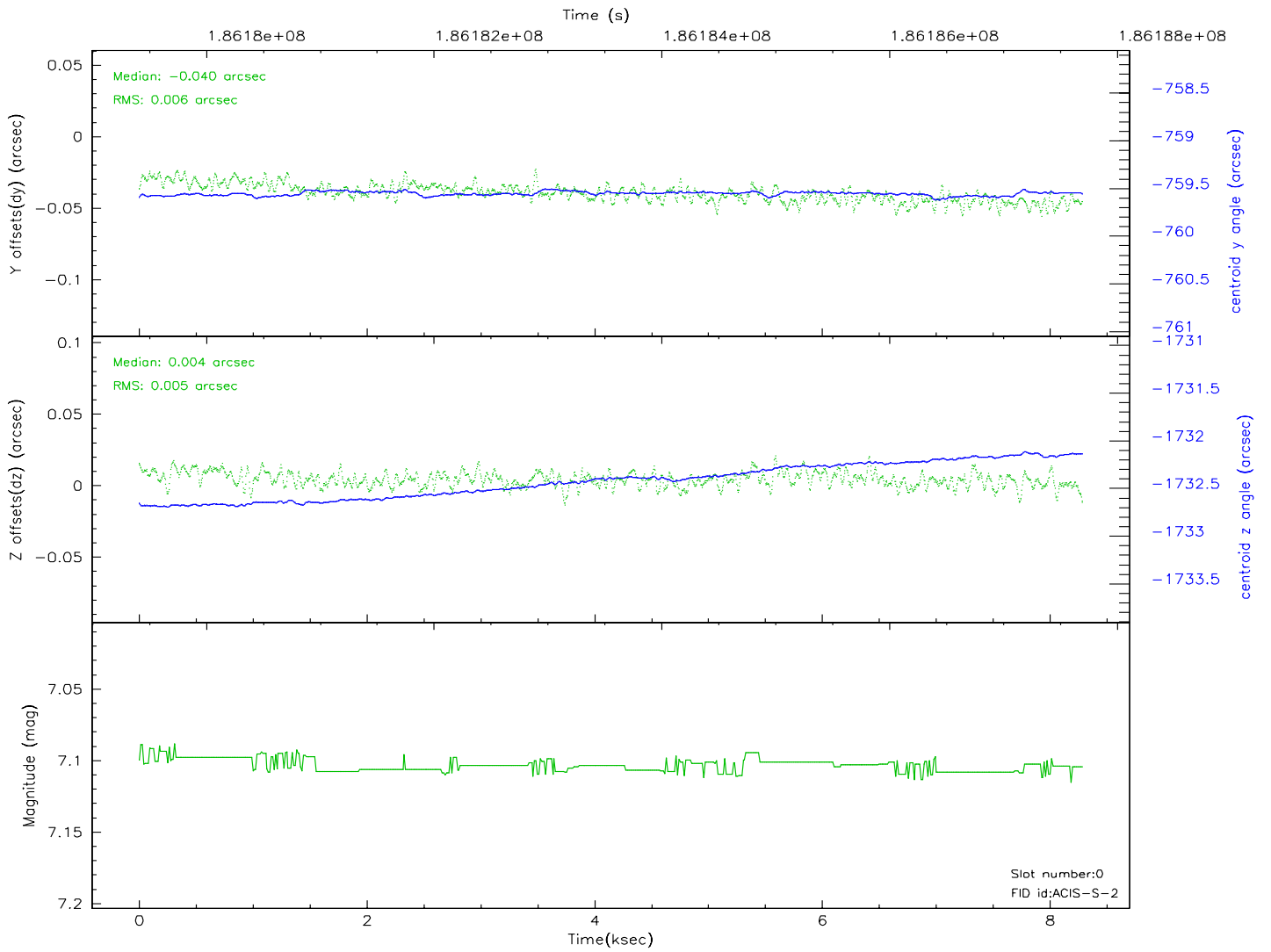
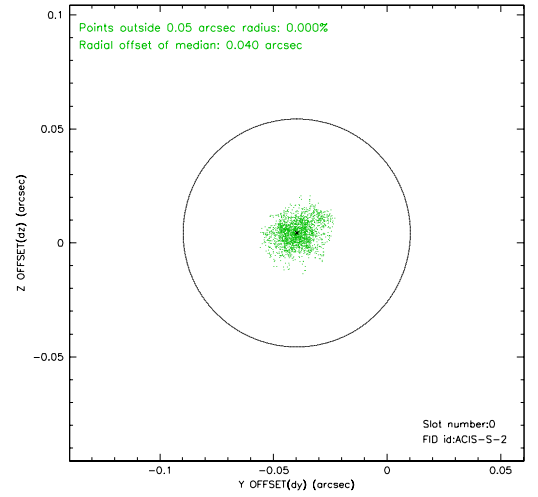
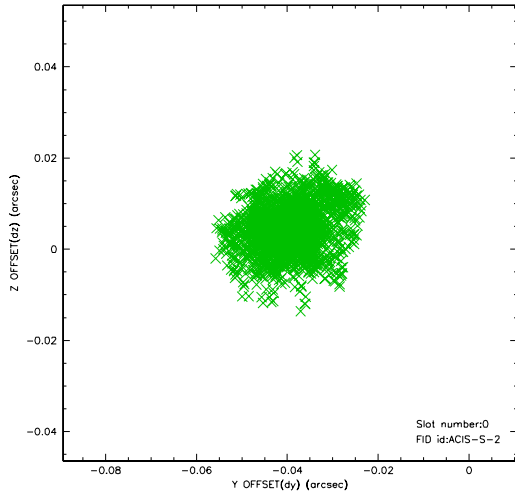


2.4.5 Slot 7

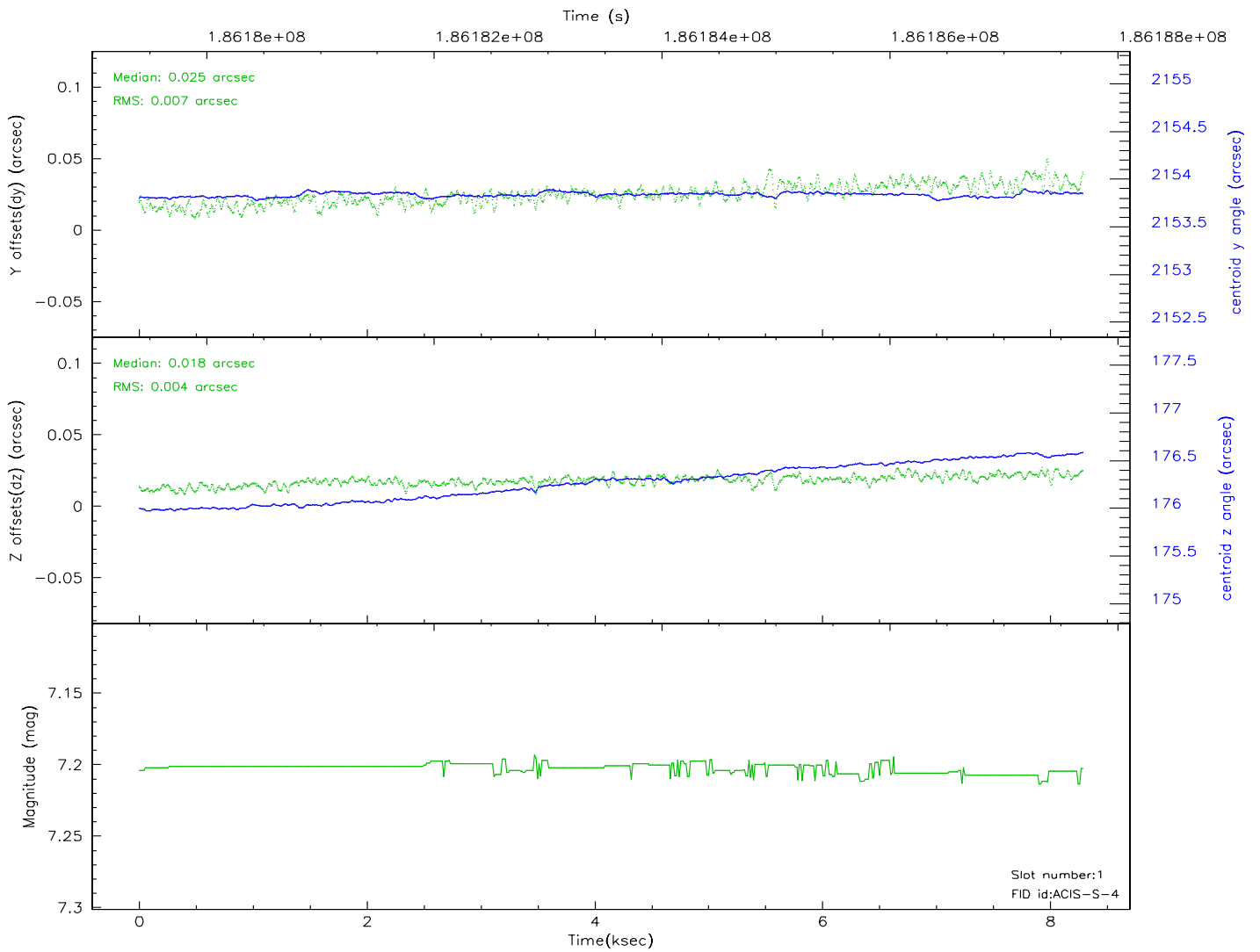
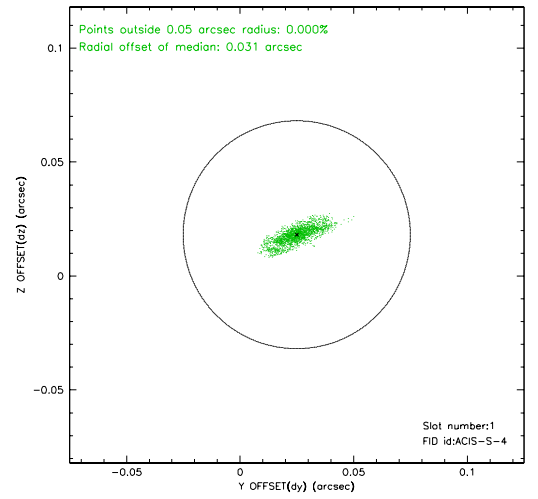
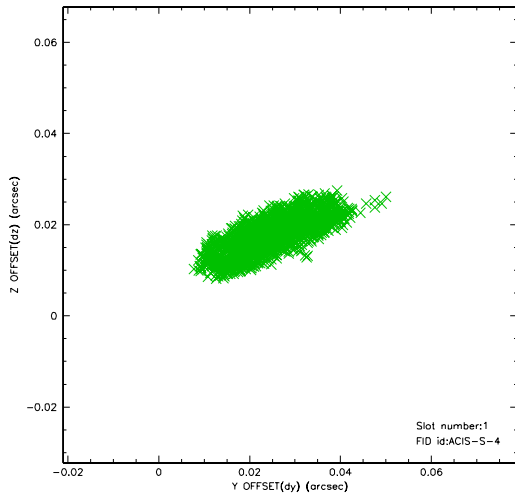


2.5 FID Slots

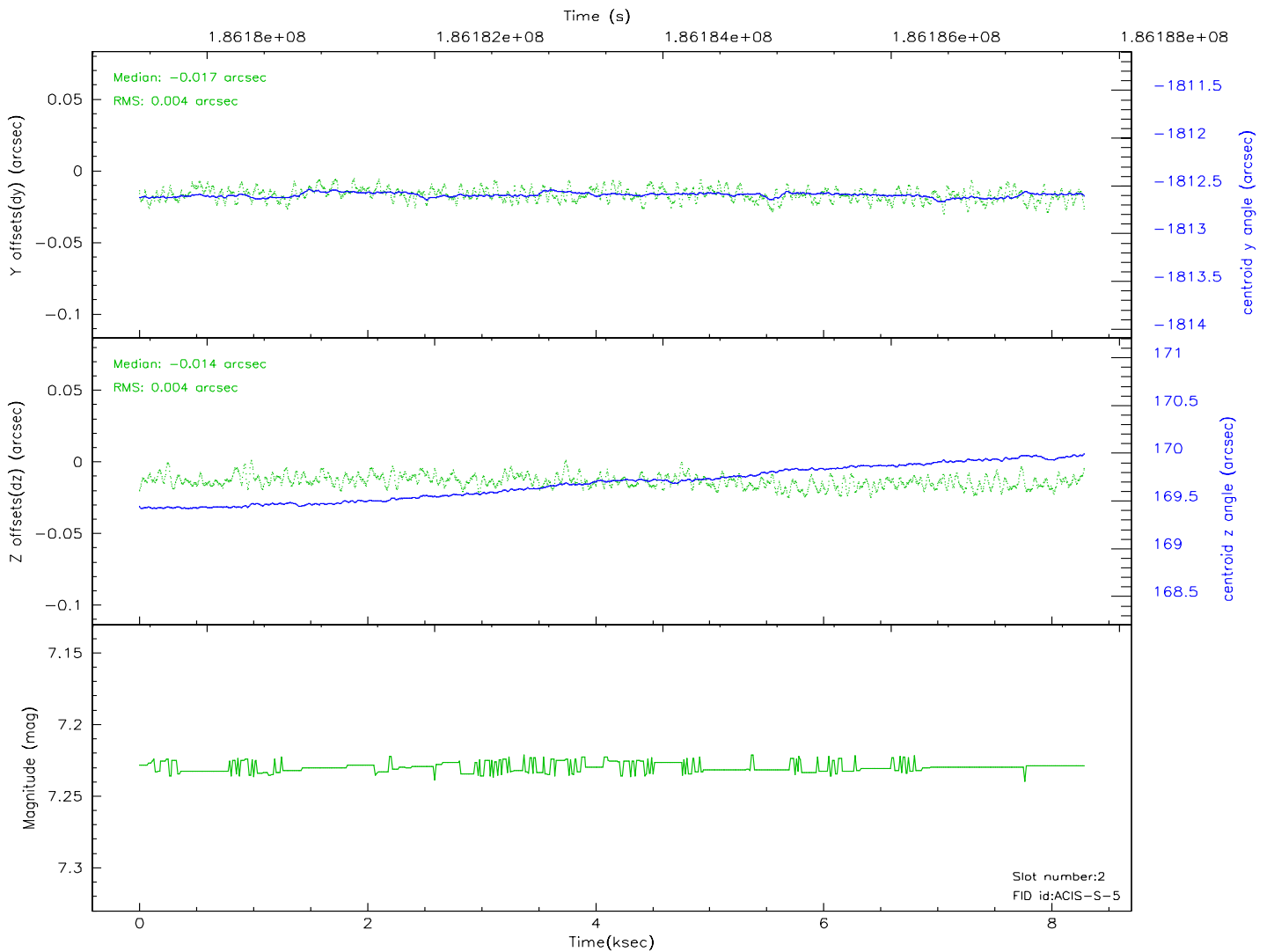
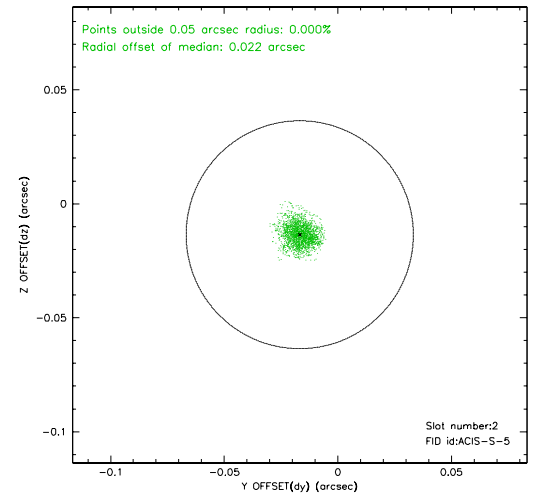
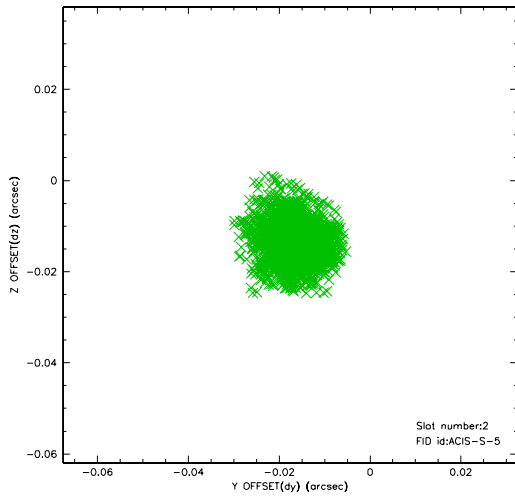
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.286

A.2 Comments