

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5714 - L2 Version 002
Chandra X-Ray Center

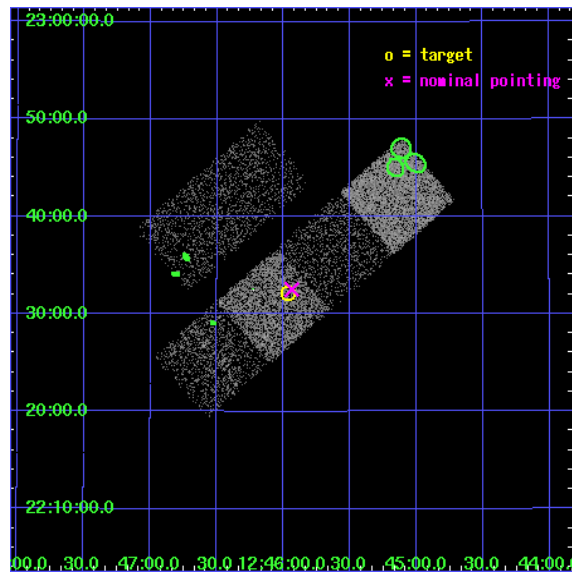
L2 Processing Date: Feb 27 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

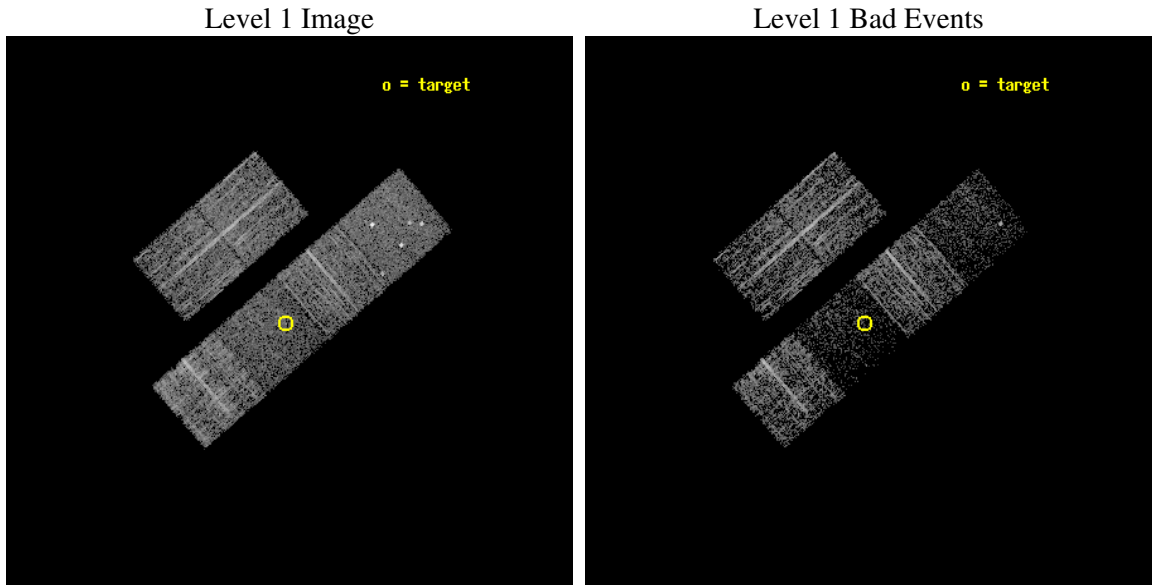
seq_num	701136
obs_id	5714
title	What kind of Jets does Nature make? X-ray characterization of the FIRST Flat Spectrum Sample
observer	Dr. Giovanni Fossati
object	87GB 1243+2248
dtcycle	0
cycle	P
ra_targ	191.490833
dec_targ	22.534833
ra_nom	191.48423235026
dec_nom	22.54213264888
roll_nom	138.96372567272
revision	2
ontime	3177.5999881625
livetime	3137.3633037914
ontime2	3177.5999881625
ontime3	3177.5999881625
ontime5	3177.5999881625
ontime6	3174.3589978814
ontime7	3177.5999881625
ontime8	3177.5999881625
l2events	17761



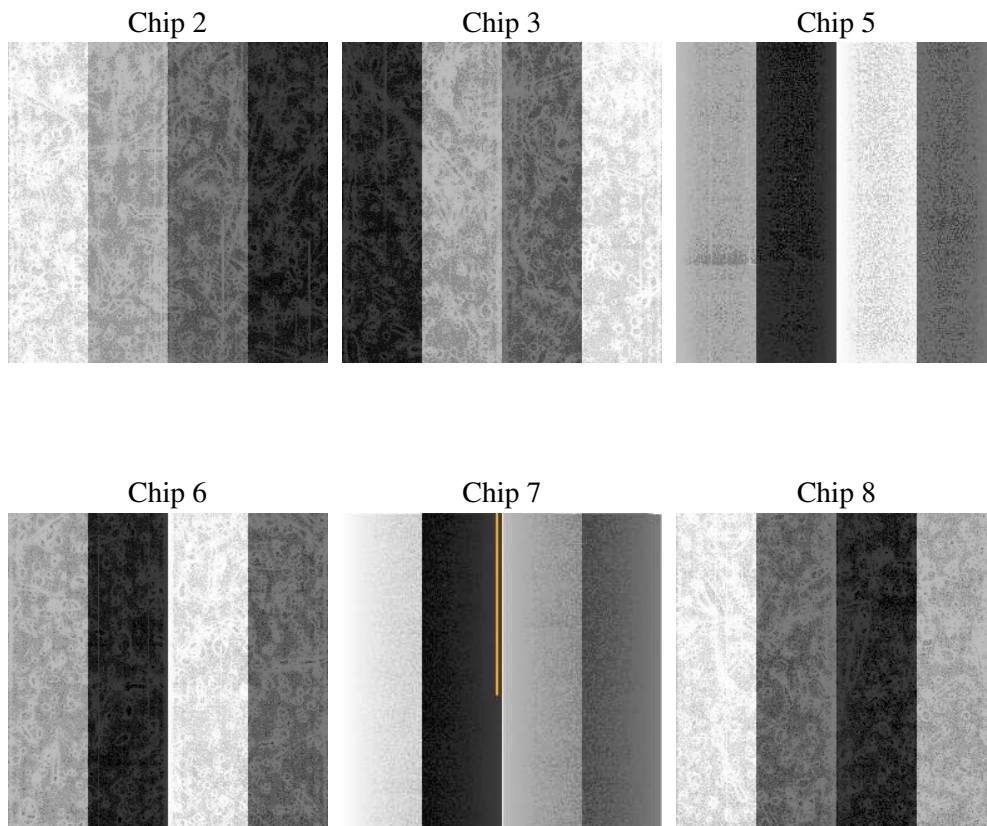
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-27T10:44:16
revision	2

sched_exp_time	3000.000000
ontime	3211.8438157737
ontime2	3211.8437958658
ontime3	3211.8437958658
ontime5	3211.8438157737
ontime6	3208.6028055847
ontime7	3211.8438157737
ontime8	3211.8437958658
l1events	98383

2.1.4 Events

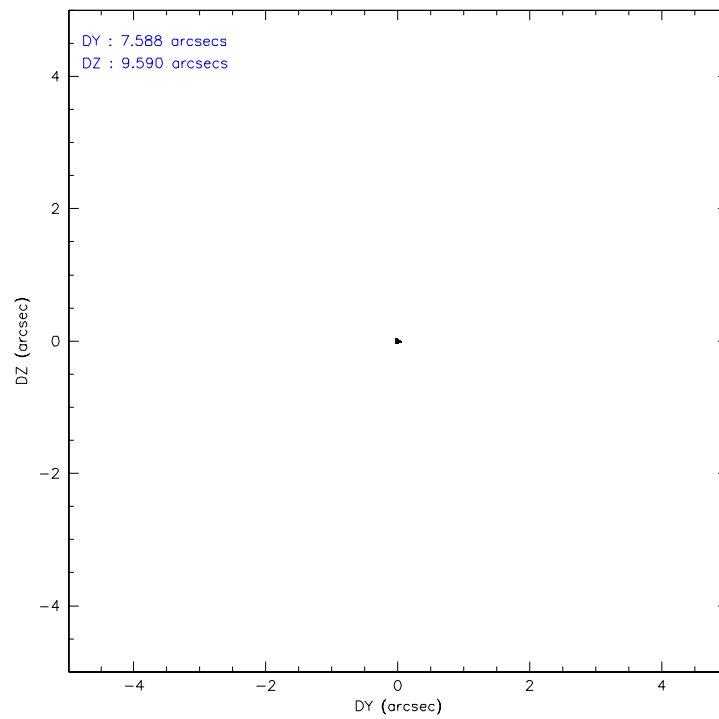
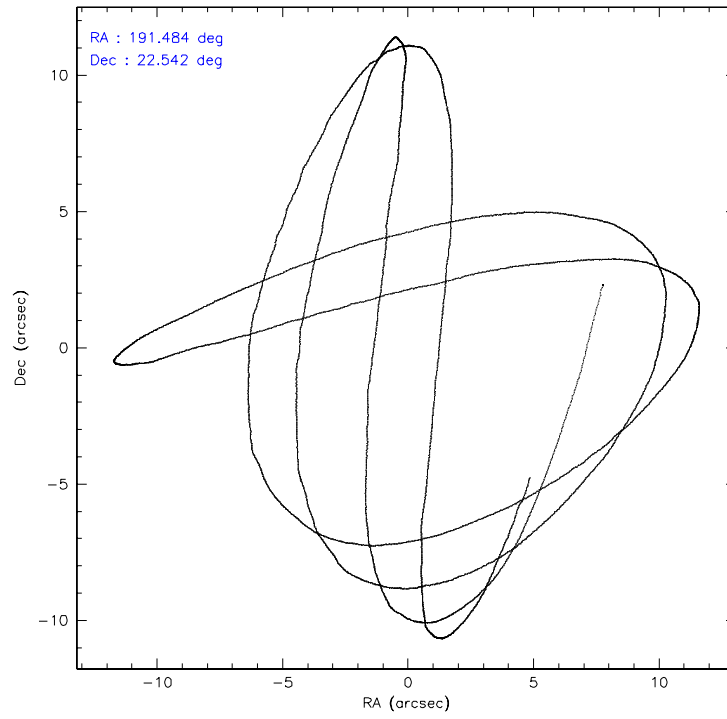
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	18268	16074	16472	16912	9867	20790
rejected events	16851	14780	6431	15430	4649	15562
rejected %	92%	91%	39%	91%	47%	74%

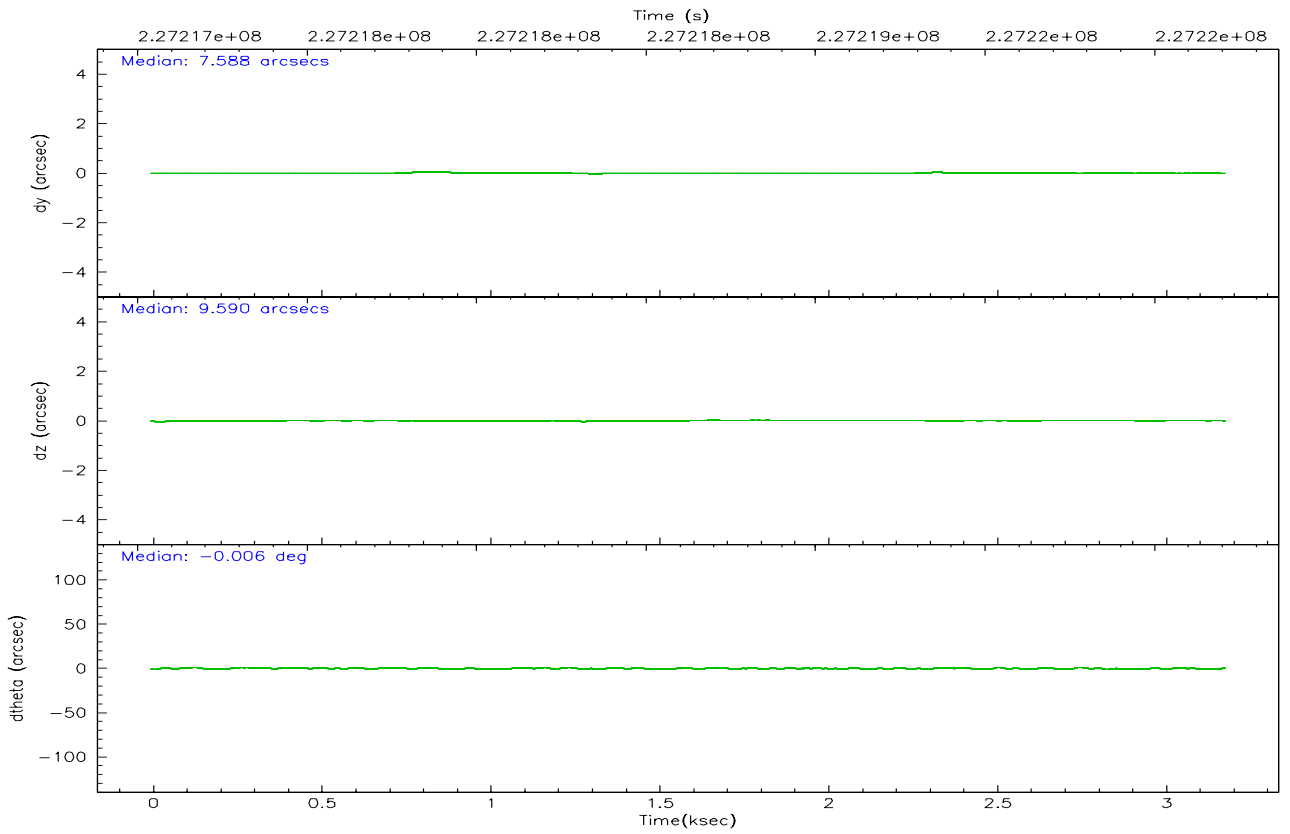
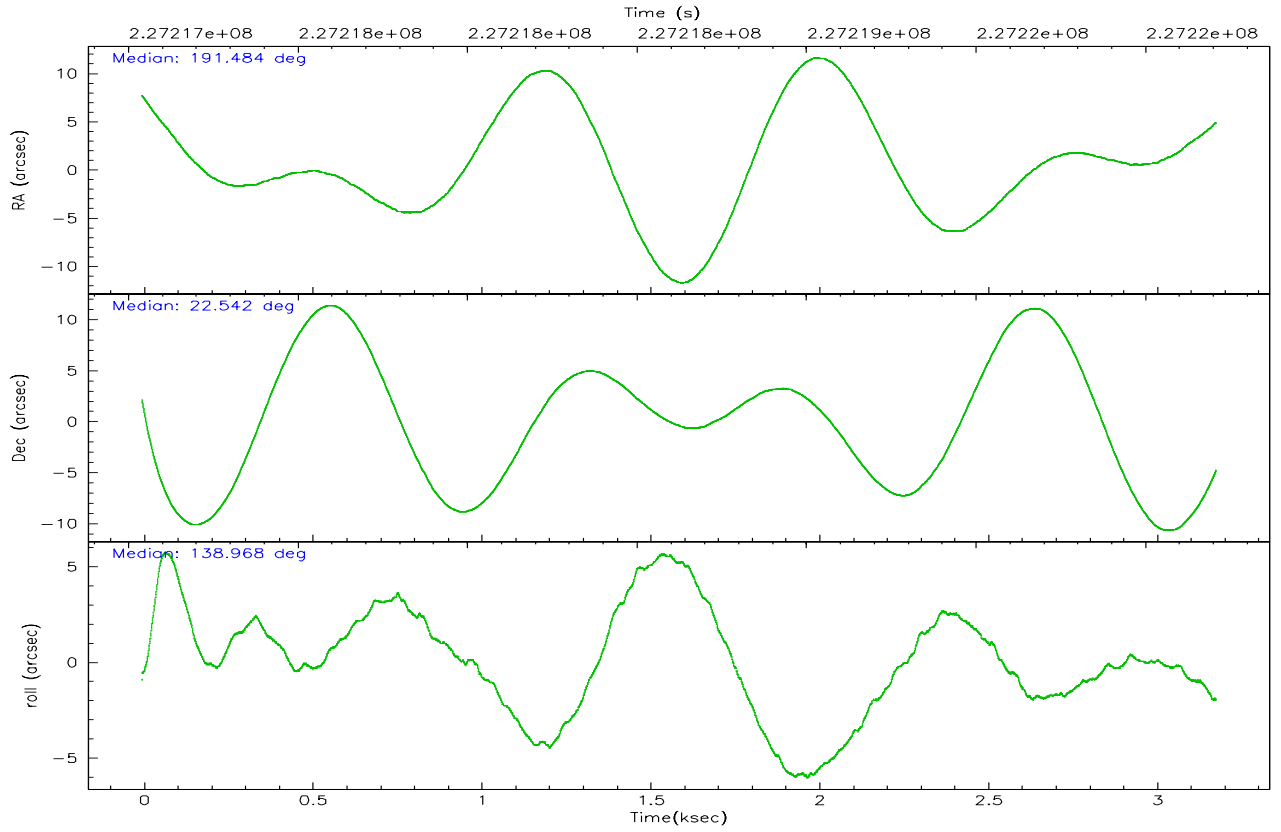
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	574	523	2225	565	481	1443
	3%	3%	13%	3%	4%	6%
grade 1 events	5	9	12	10	8	21
	0%	0%	0%	0%	0%	0%
grade 2 events	358	247	3018	318	1485	1234
	1%	1%	18%	1%	15%	5%
grade 3 events	162	158	320	166	389	610
	0%	0%	1%	0%	3%	2%
grade 4 events	143	163	302	168	369	608
	0%	1%	1%	0%	3%	2%
grade 5 events	270	339	971	333	790	567
	1%	2%	5%	1%	8%	2%
grade 6 events	200	218	4294	273	2559	1403
	1%	1%	26%	1%	25%	6%
grade 7 events	16556	14417	5330	15079	3786	14904
	90%	89%	32%	89%	38%	71%

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	191.513278	191.4842323502564	Alternating exposures requested	N	N
Pointing Dec	22.537515	22.5421326488799	Primary exposure time	0.000000	3.2
Pointing Roll	138.795978	138.9637256727234			
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	227217213.184000	227216127.8964			
Observation start date	2005-03-14T19:52:29	2005-03-14T19:35:27			
Observation end time	227220213.184000	227221065.83413			
Observation end date	2005-03-14T20:42:29	2005-03-14T20:57:45			
Read mode	TIMED	TIMED			

2.3 Aspect



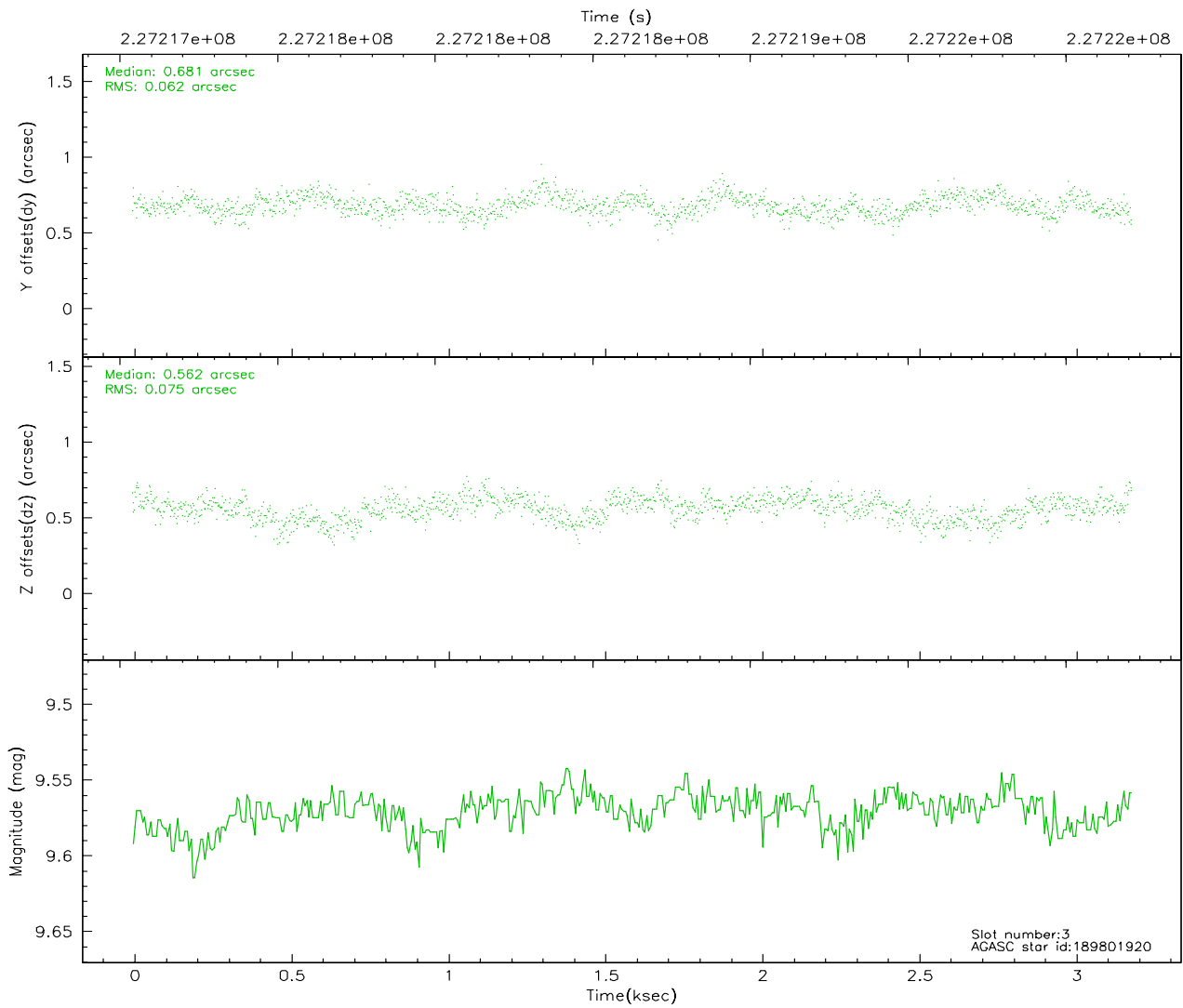
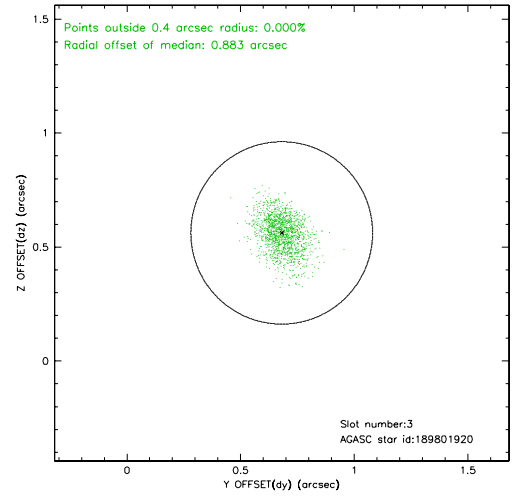
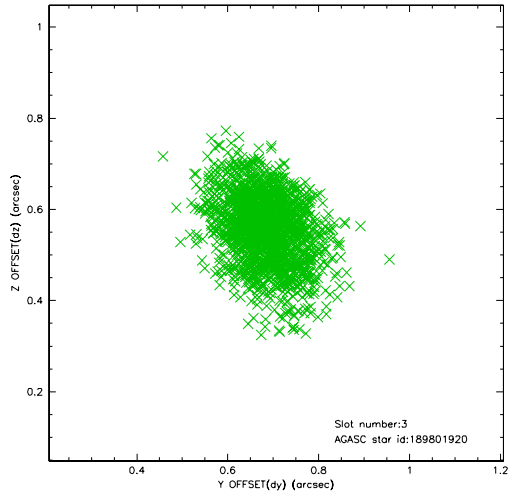


Slot Statistics

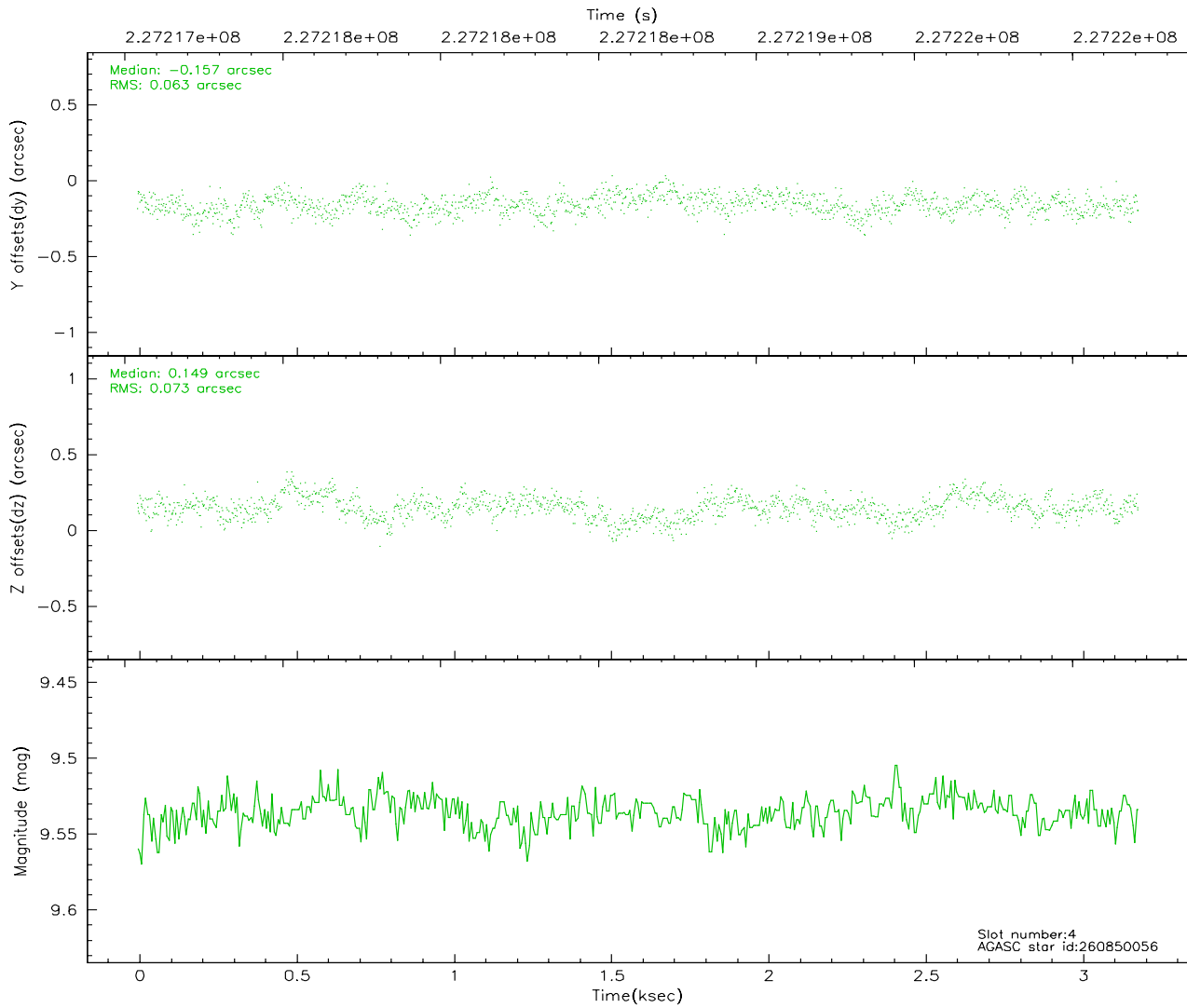
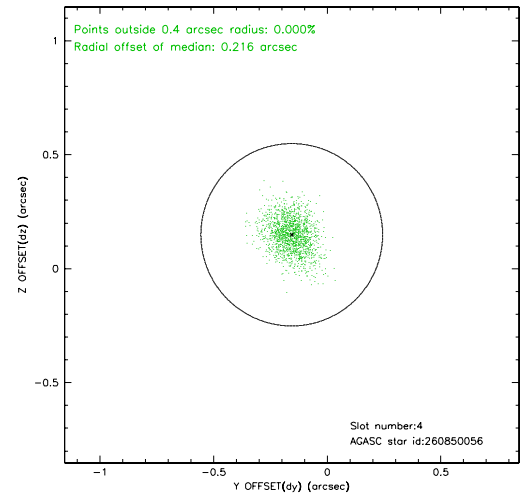
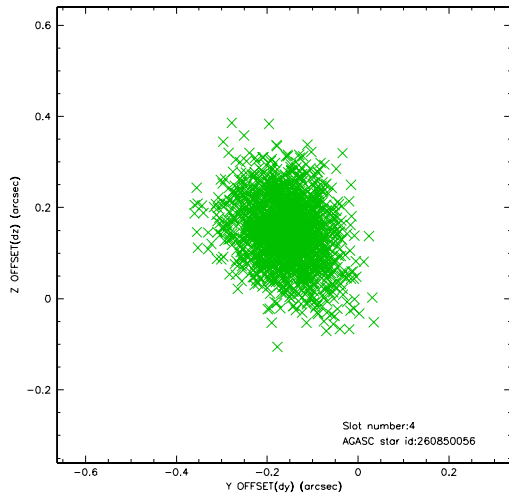
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	776	0.011	0.009	0.007	0.012	0.000000	0.000000	935.69	-1726.39
1	FID	ACIS-S-4	7.21	776	0.032	-0.007	0.006	0.010	0.000000	0.000000	2154.22	175.69
2	FID	ACIS-S-5	7.23	776	-0.070	0.011	0.005	0.008	0.000000	0.000000	-1810.70	171.55
3	GUIDE	189801920	9.57	1553	0.681	0.562	0.102	0.170	191.716047	22.488112	-622.44	-310.38
4	GUIDE	260850056	9.53	1552	-0.157	0.149	0.103	0.168	191.450836	23.233163	1805.67	-1748.34
5	GUIDE	260853168	7.82	1552	-0.201	-0.488	0.065	0.100	191.970830	22.719776	-707.13	-1497.98
6	GUIDE	260862160	8.50	1552	-0.265	-0.378	0.065	0.104	191.778046	22.616833	-472.94	-796.42
7	GUIDE	260862176	9.00	1549	-0.052	0.161	0.087	0.137	191.599694	23.314428	1628.55	-2293.06

2.4 Star Slots

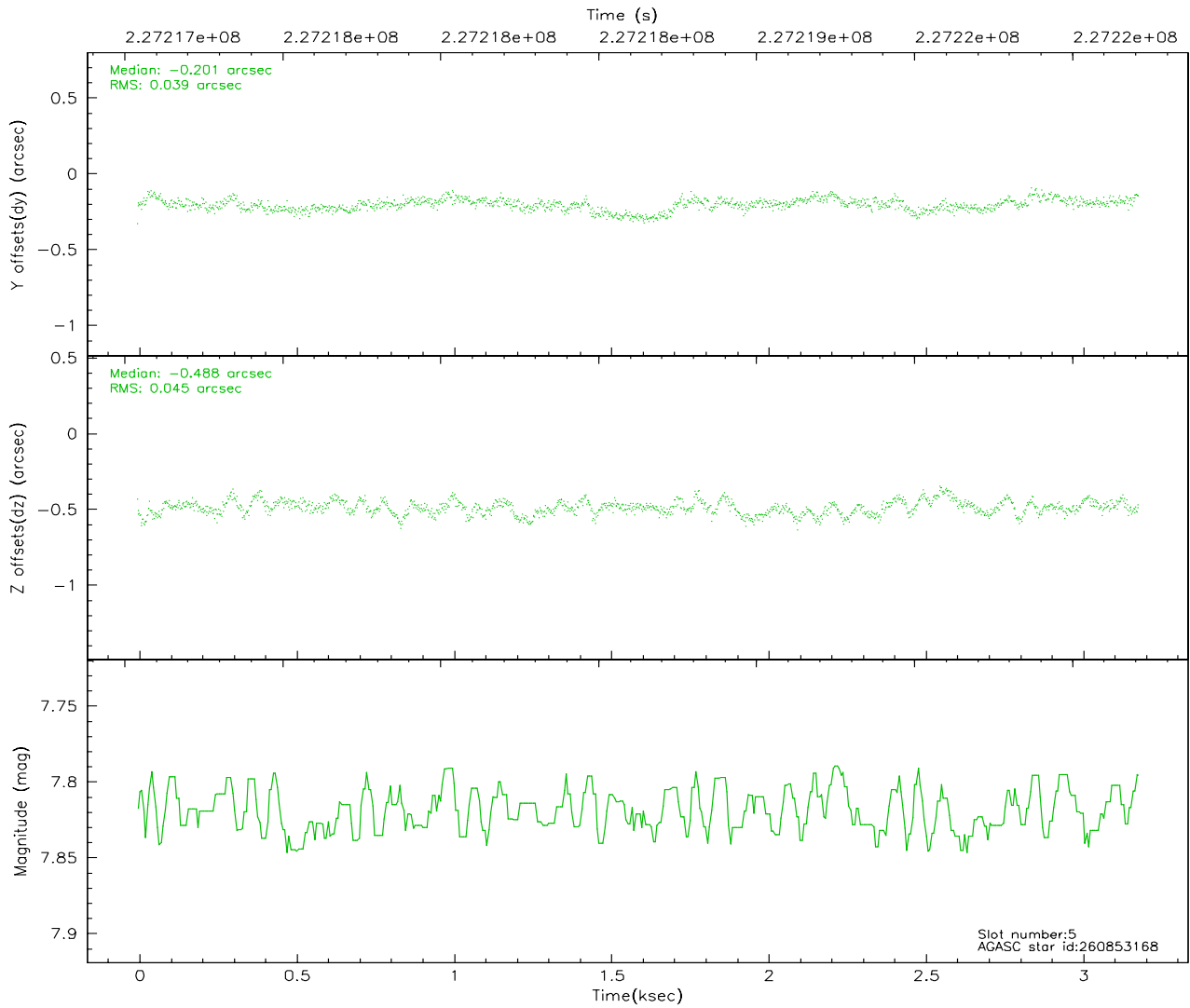
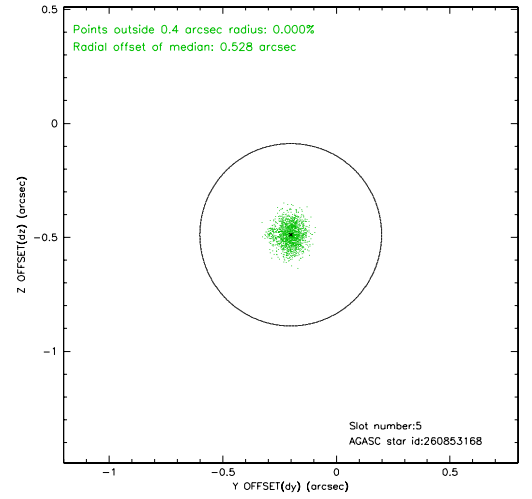
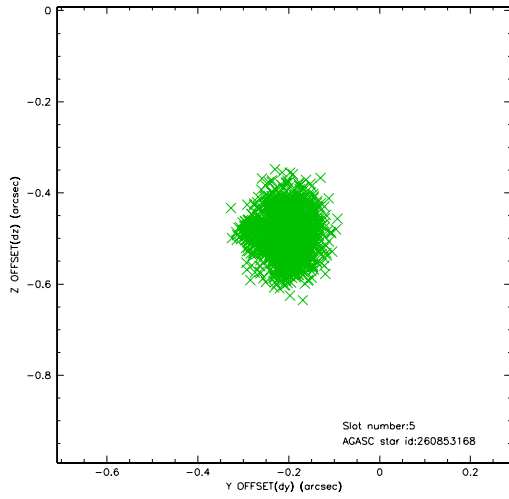
2.4.1 Slot 3



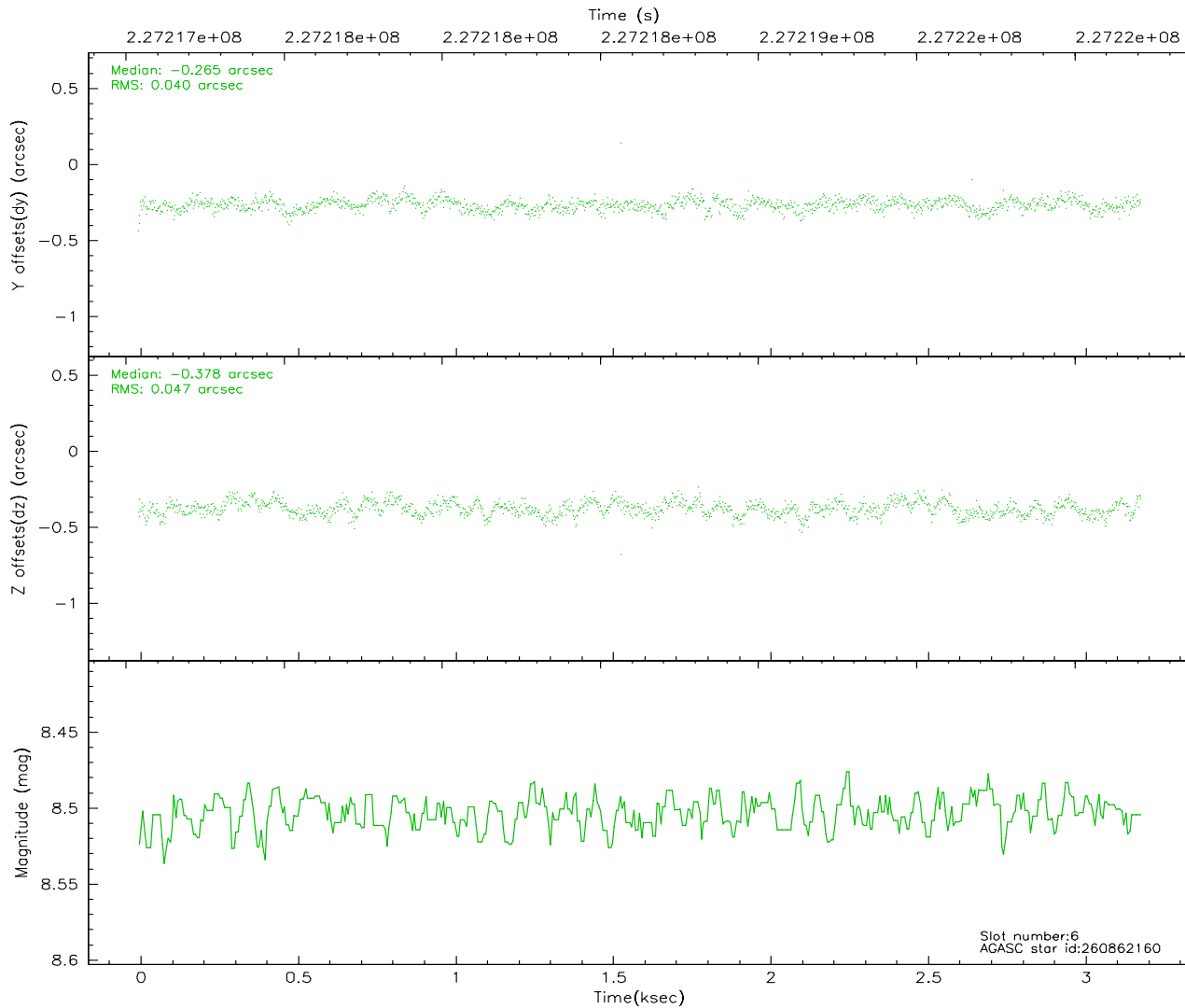
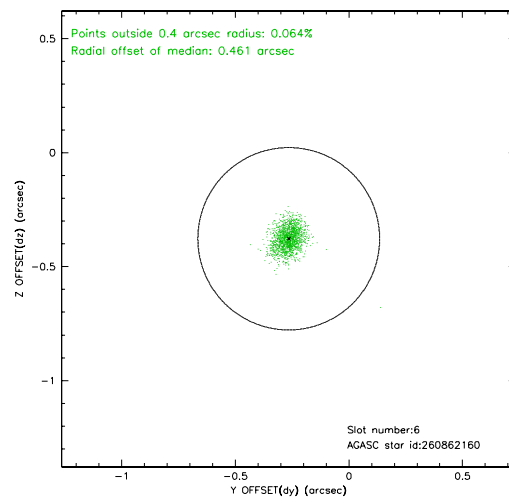
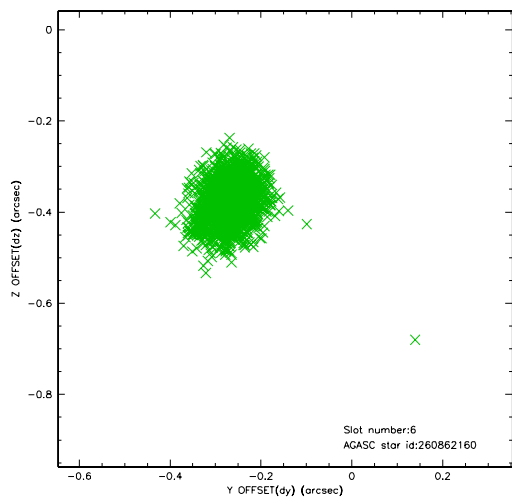
2.4.2 Slot 4



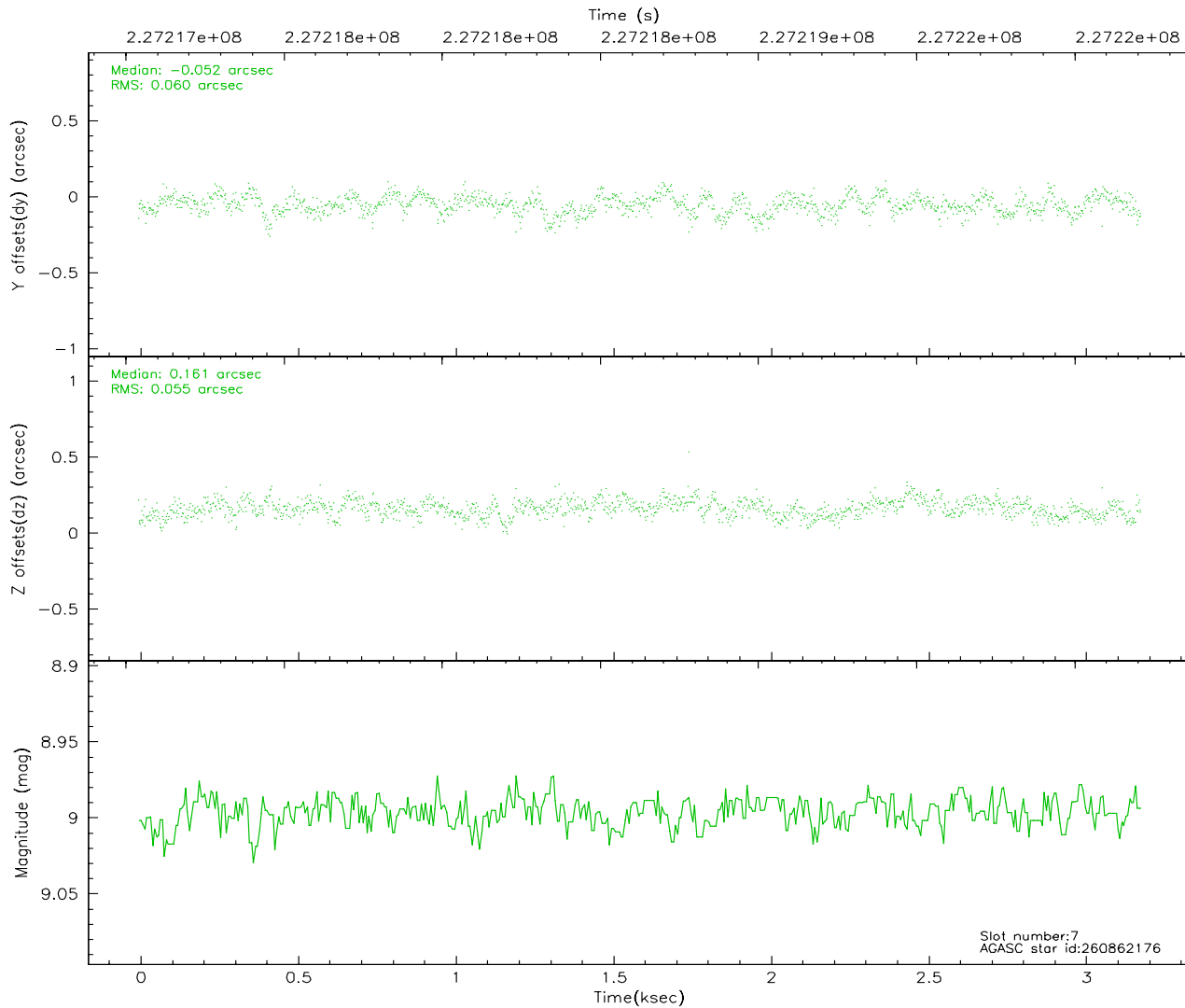
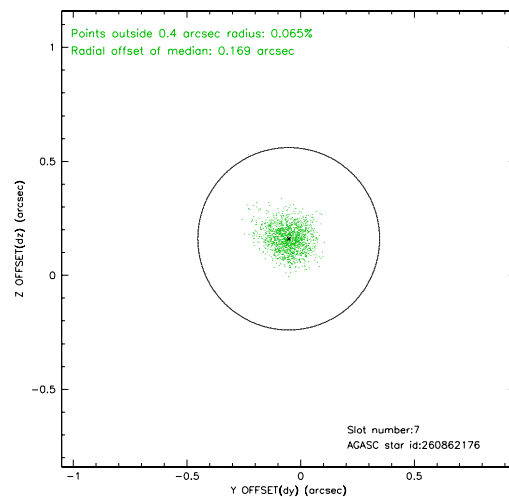
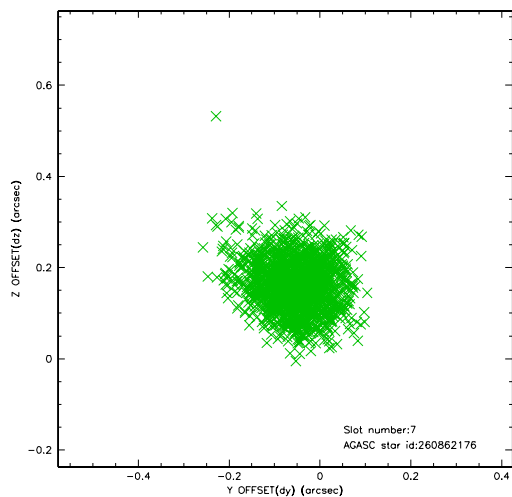
2.4.3 Slot 5



2.4.4 Slot 6

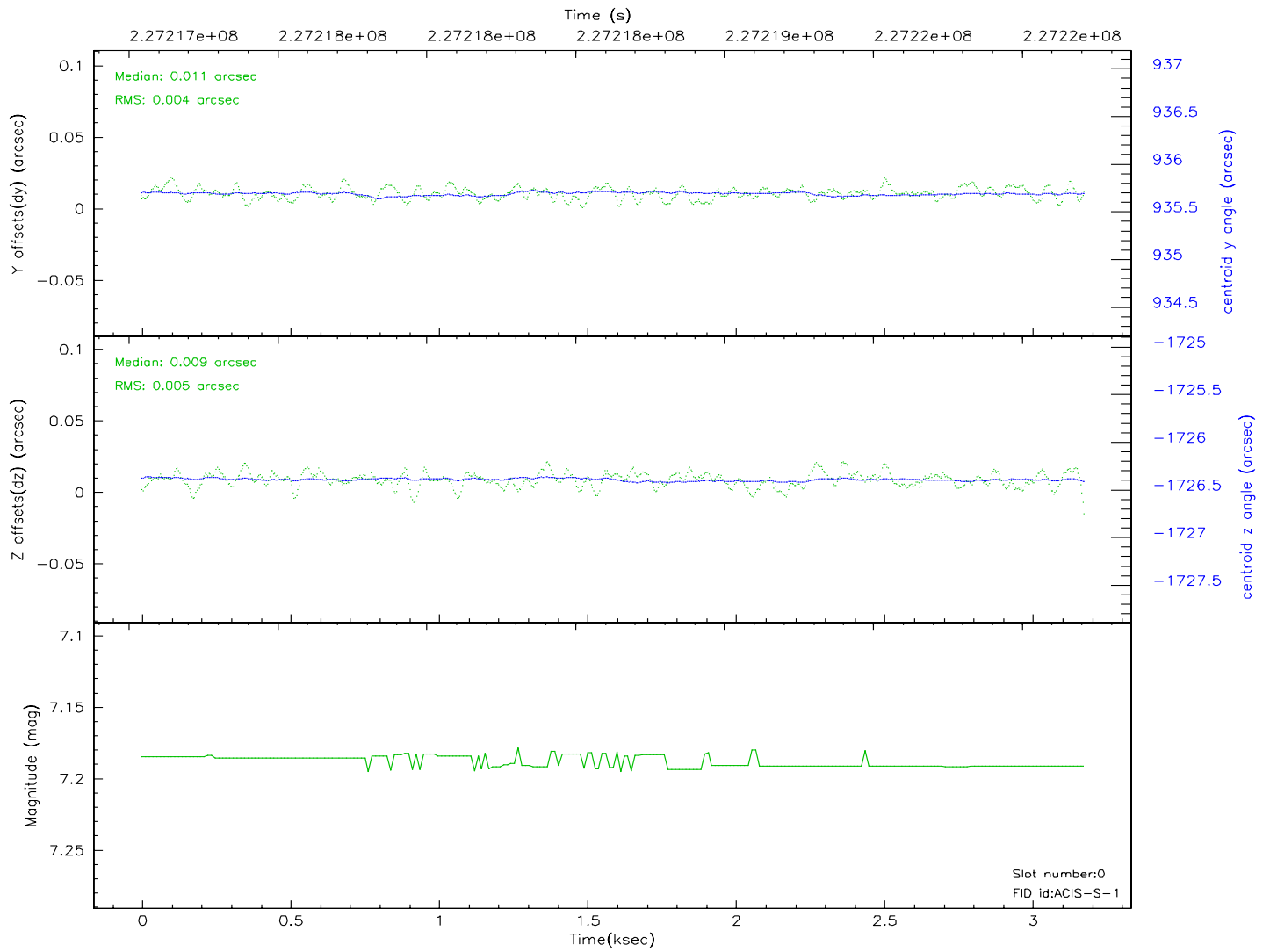
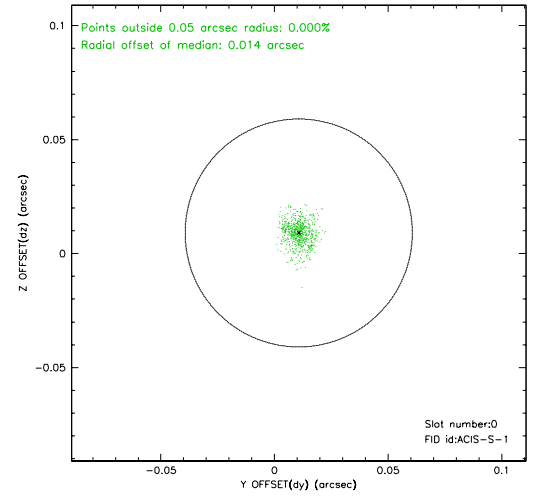
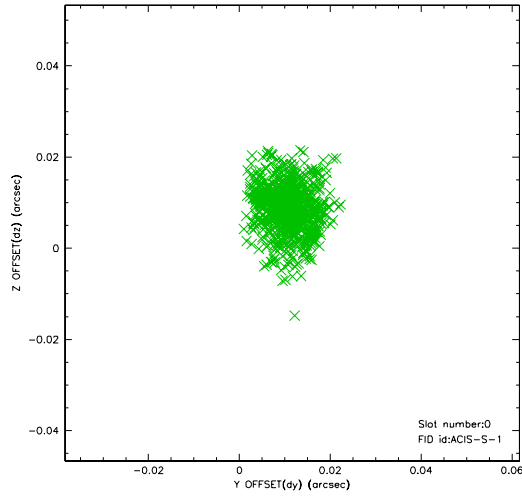


2.4.5 Slot 7

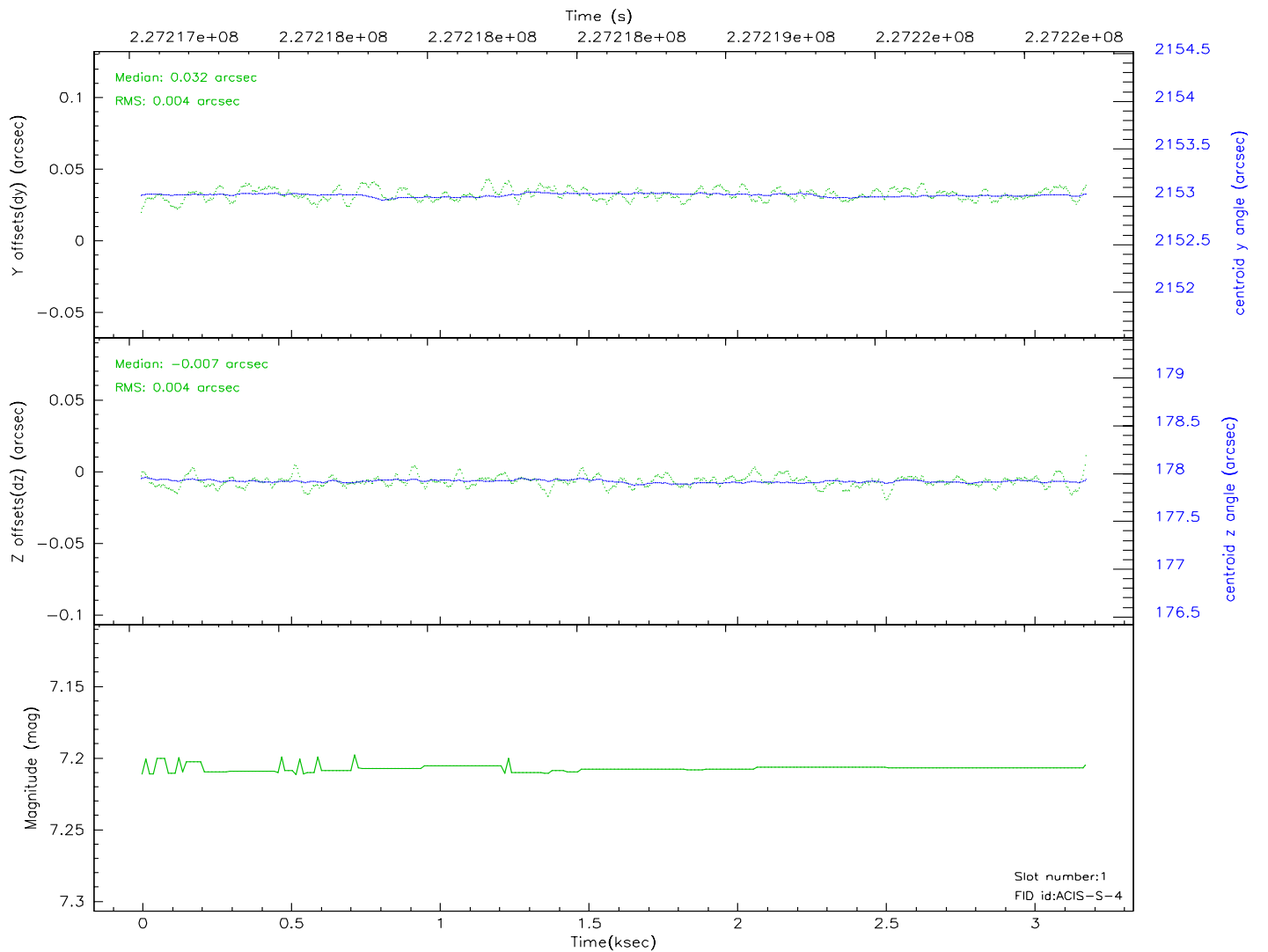
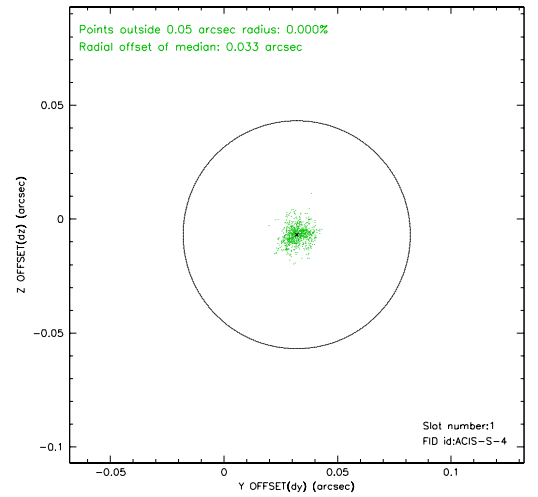
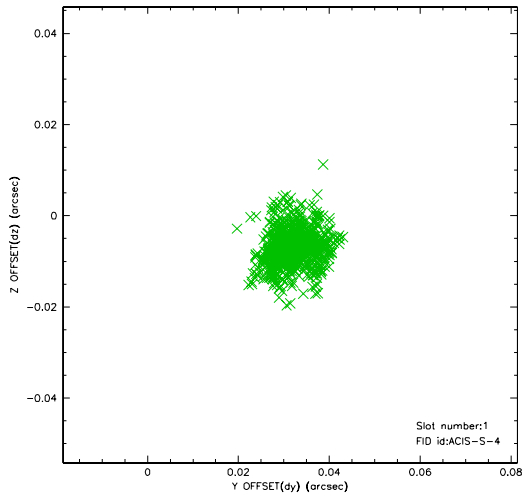


2.5 FID Slots

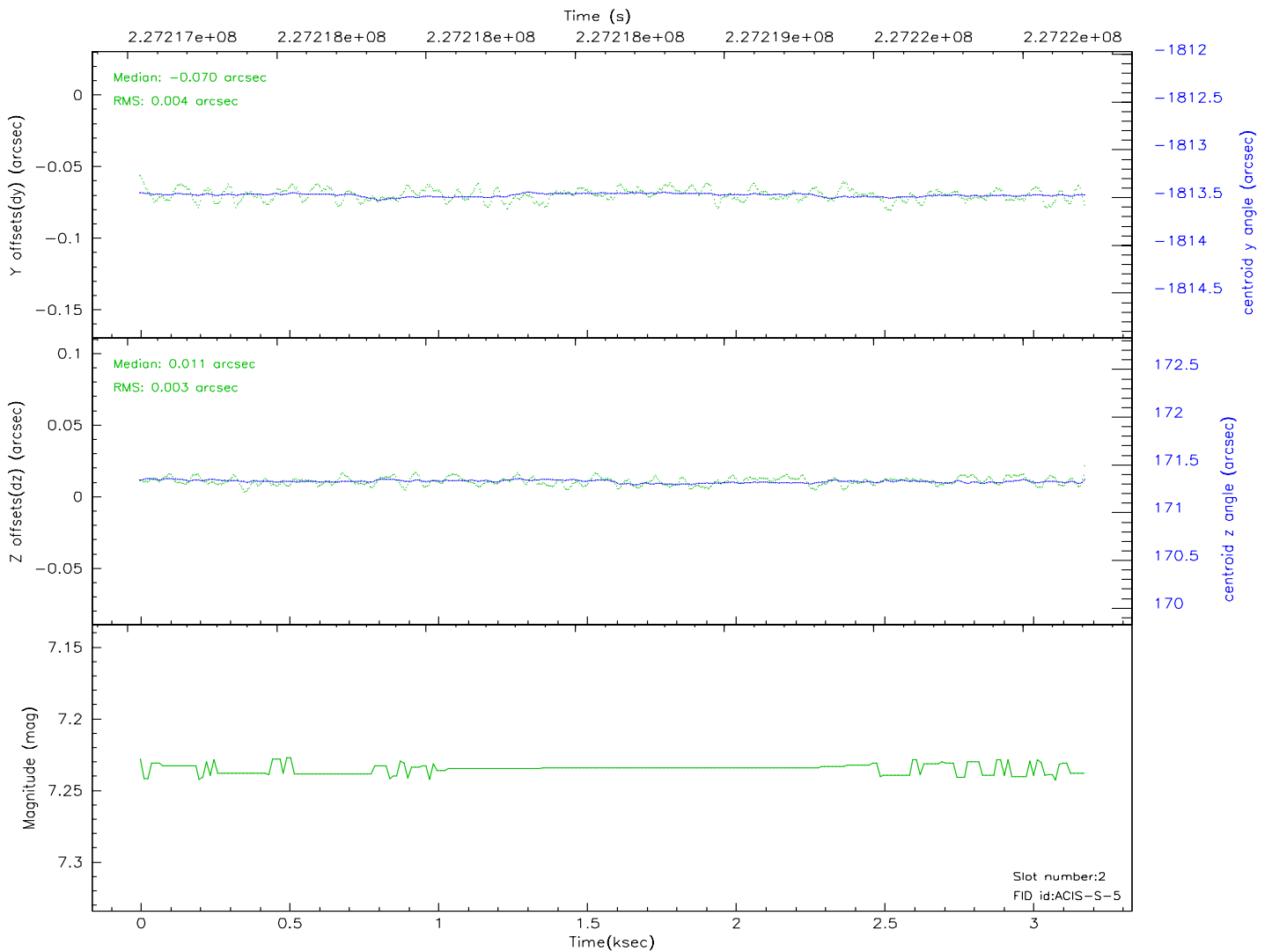
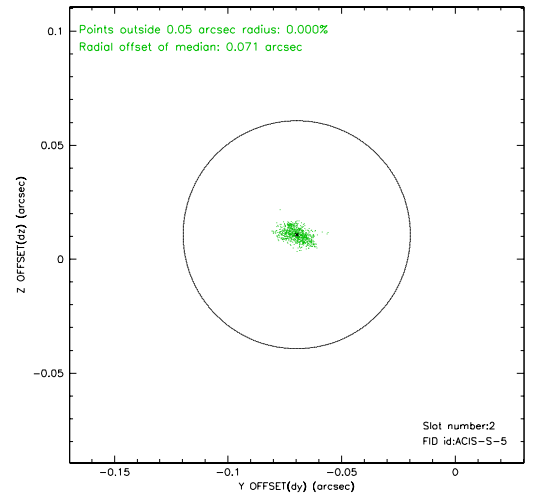
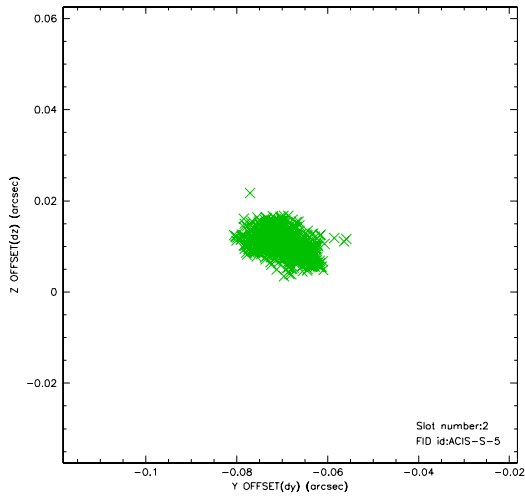
2.5.1 Slot 0



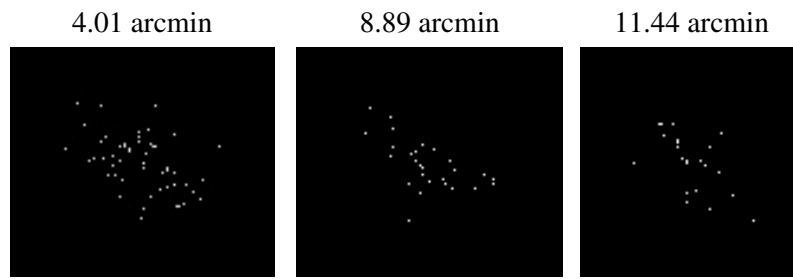
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.177599

A.2 Comments