

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3904 - L2 Version 001
Chandra X-Ray Center

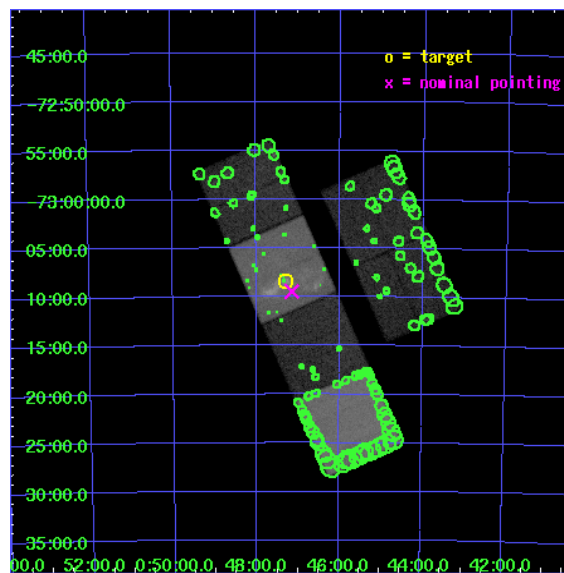
L2 Processing Date : Jul 20 2006

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1 Front

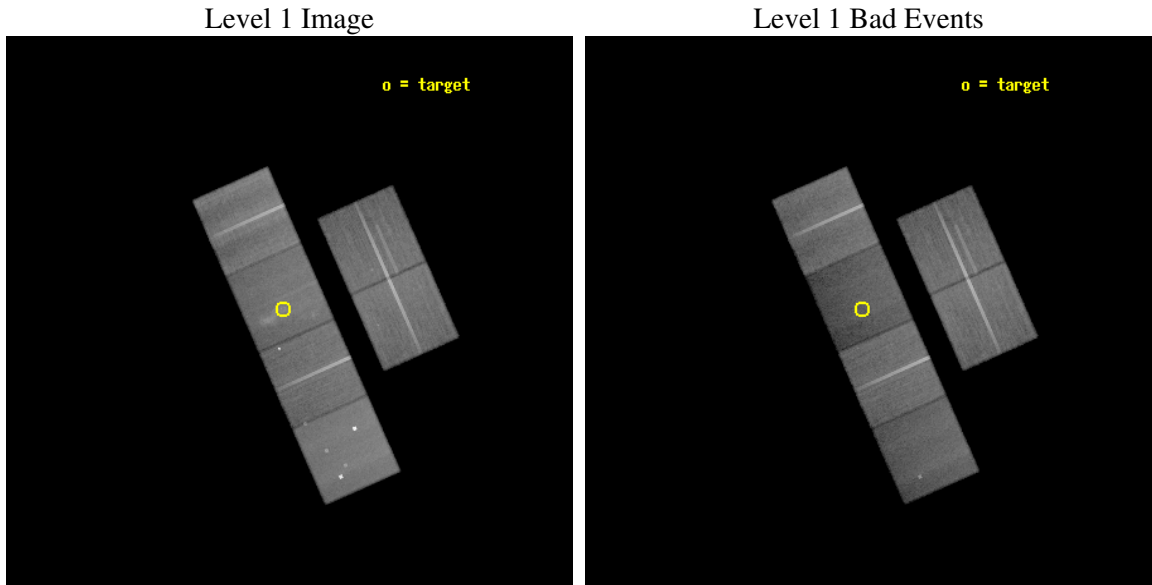
seq_num	500383
obs_id	3904
title	SUPERNOVA REMNANTS IN THE N19 HII COMPLEX
observer	Dr. Rosa Williams
object	N 19 AREA
dtcycle	0
cycle	P
ra_targ	11.820833
dec_targ	-73.139444
ra_nom	11.786528785653
dec_nom	-73.157650389992
roll_nom	246.10889619139
revision	2
ontime	75180.79971993
livetime	74228.815165433
ontime2	75171.076839149
ontime3	75180.79971993
ontime5	75180.79971993
ontime6	75177.558749646
ontime7	75180.79971993
ontime8	75180.79971993
l2events	507484



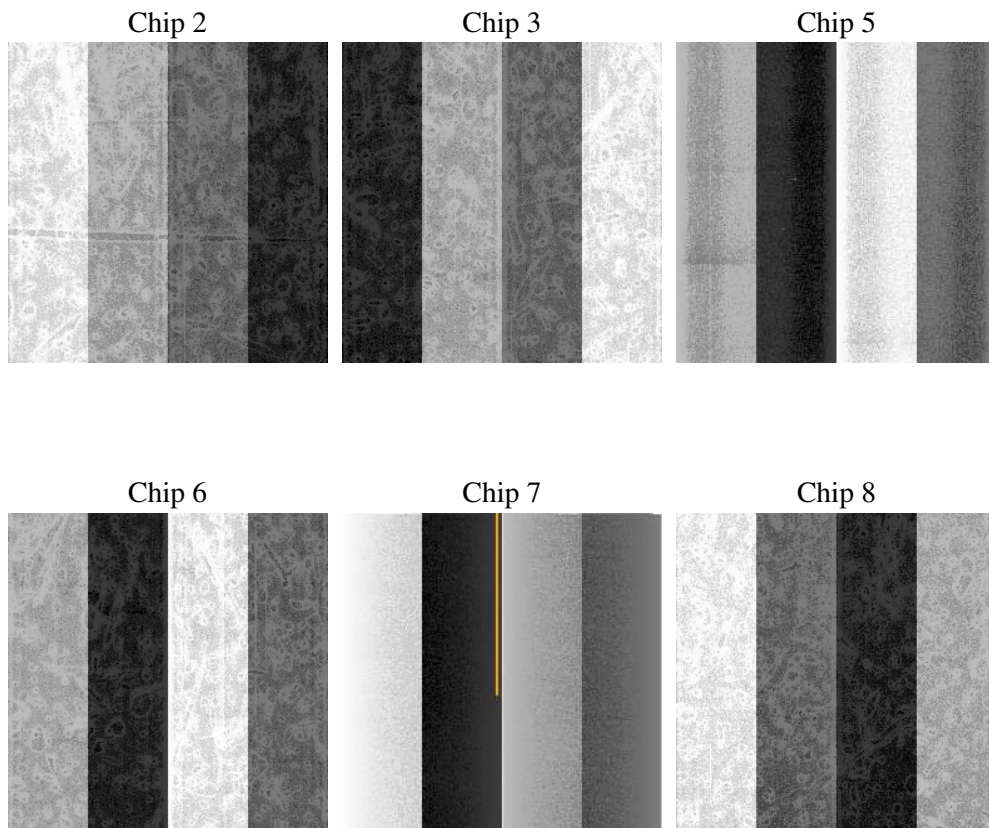
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-20T17:56:41
revision	2

sched_exp_time	75000.000000
ontime	75343.525941223
ontime2	75333.803040504
ontime3	75343.525921285
ontime5	75343.525941223
ontime6	75340.284951001
ontime7	75343.525941223
ontime8	75343.525921285
l1events	2384465

2.1.4 Events

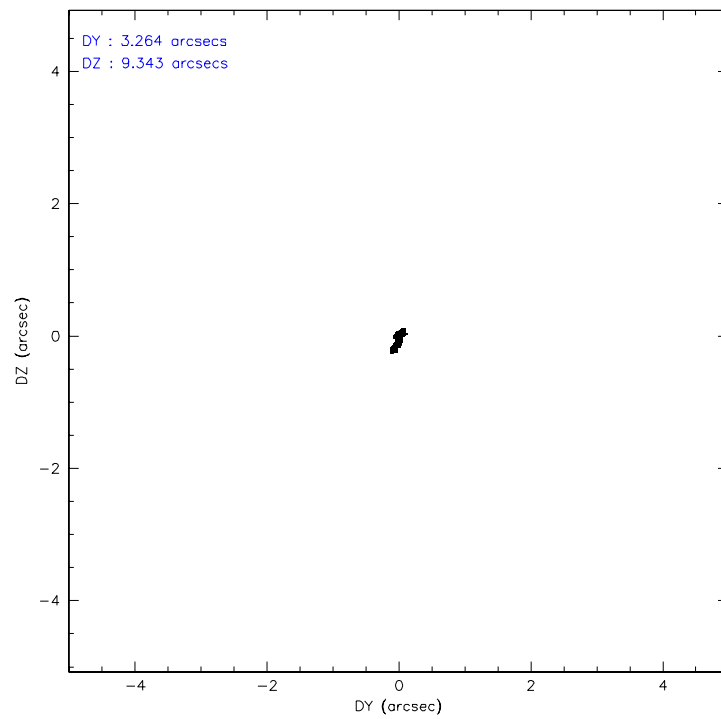
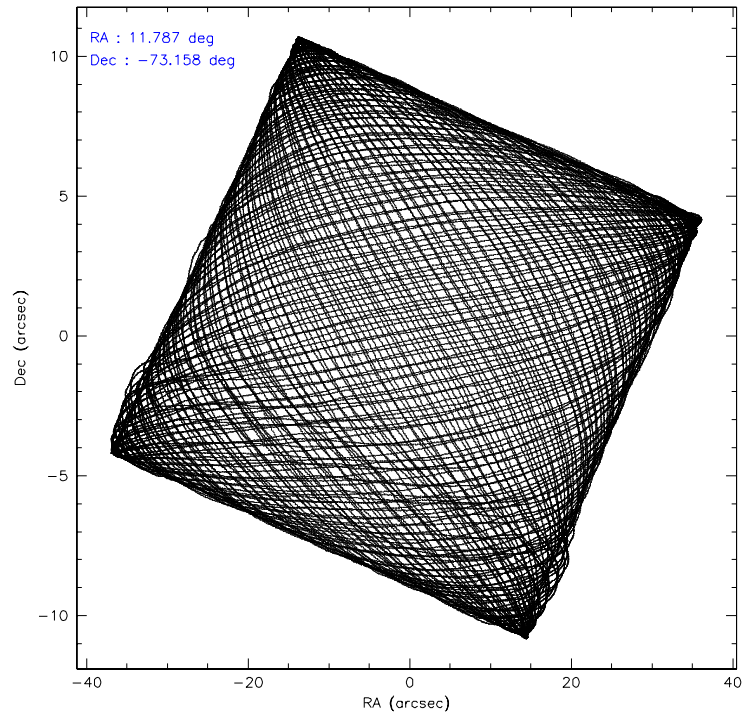
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	395370	356335	461338	372384	359636	439402
rejected events	360358	323712	213390	329813	184162	342527
rejected %	91%	90%	46%	88%	51%	77%

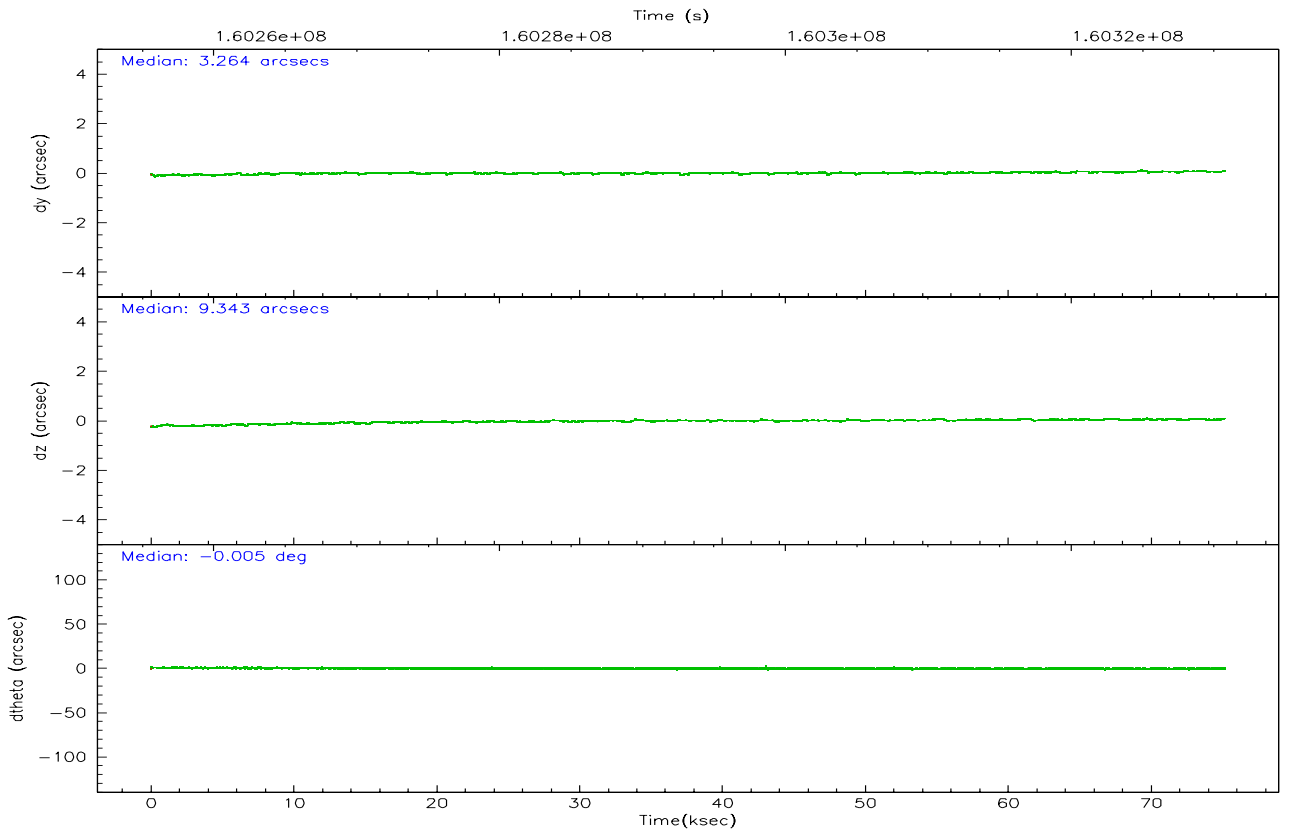
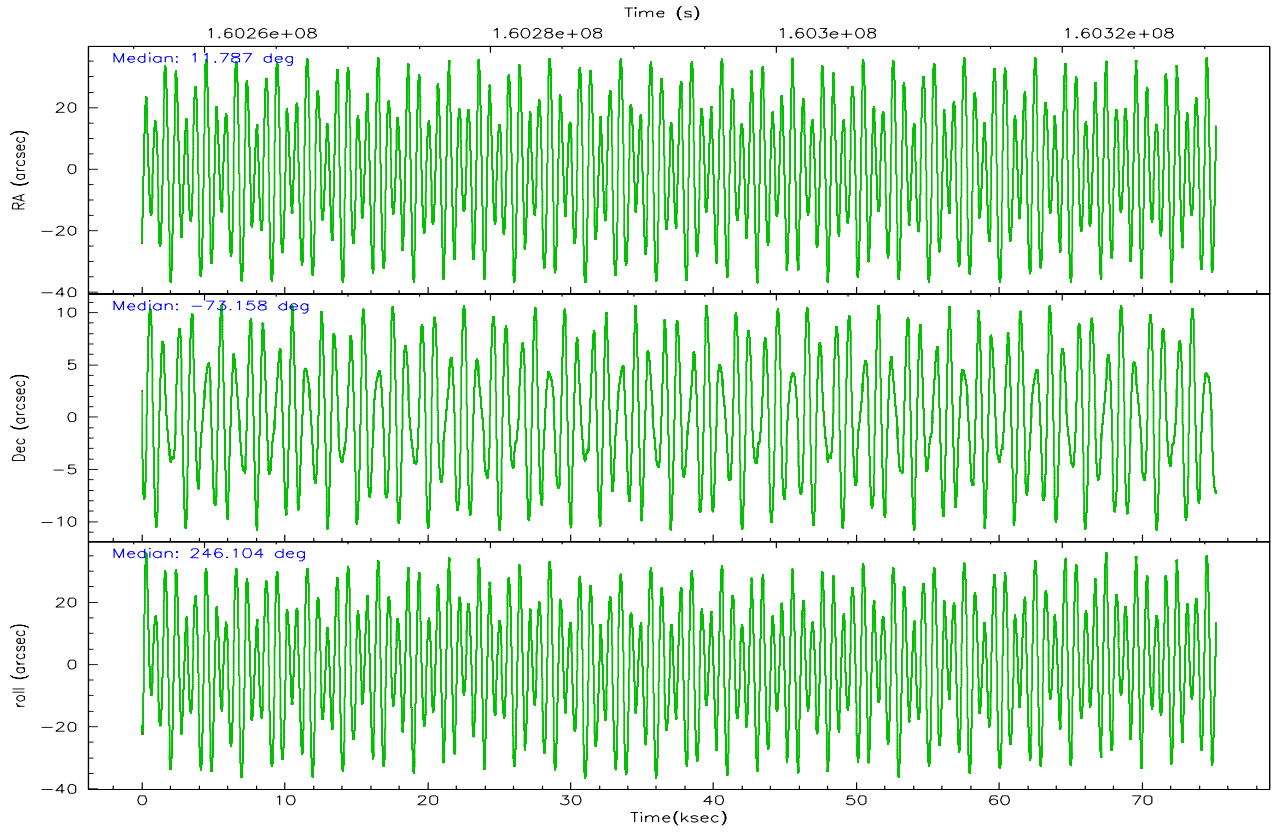
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	13048	12135	42951	17843	17130	27296
	3%	3%	9%	4%	4%	6%
grade 1 events	209	162	1347	212	203	254
	0%	0%	0%	0%	0%	0%
grade 2 events	8189	6815	71813	8415	45556	21884
	2%	1%	15%	2%	12%	4%
grade 3 events	3867	3876	6413	4408	12131	11135
	0%	1%	1%	1%	3%	2%
grade 4 events	3962	3825	6319	4416	11948	10314
	1%	1%	1%	1%	3%	2%
grade 5 events	10102	11451	24173	12318	26988	17790
	2%	3%	5%	3%	7%	4%
grade 6 events	6036	6062	121039	7573	89073	26455
	1%	1%	26%	2%	24%	6%
grade 7 events	349957	312009	187283	317199	156607	324274
	88%	87%	40%	85%	43%	73%

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	11.775252	11.7865287856531	Alternating exposures requested	N	N
Pointing Dec	-73.130616	-73.15765038999218	Primary exposure time	0.000000	3.2
Pointing Roll	245.941475	246.1088961913907			
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	160255782.184000	160254632.84642			
Observation start date	2003-01-29T19:28:38	2003-01-29T19:10:32			
Observation end time	160330782.184000	160331649.81215			
Observation end date	2003-01-30T16:18:38	2003-01-30T16:34:09			
Read mode	TIMED	TIMED			

2.3 Aspect



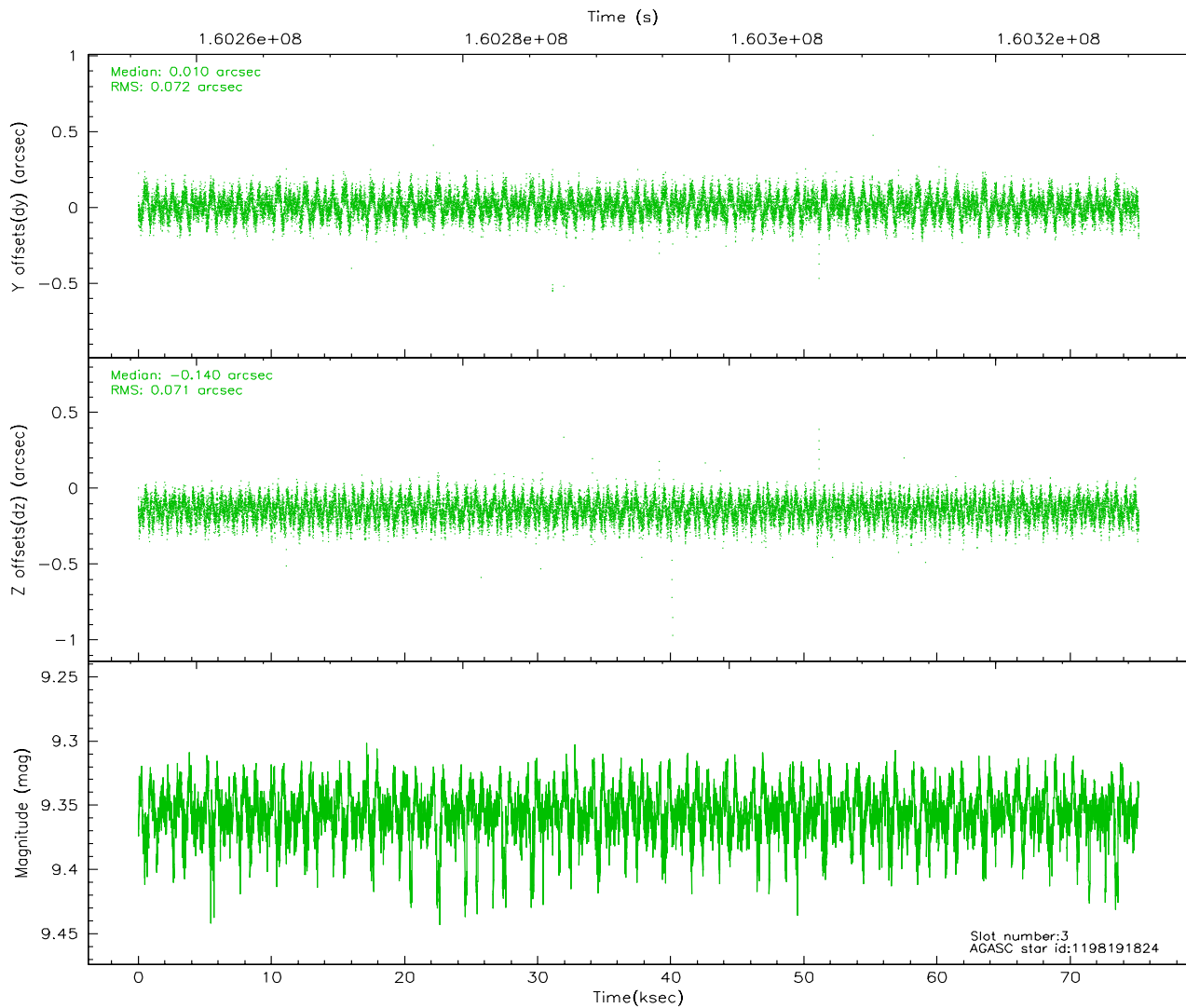
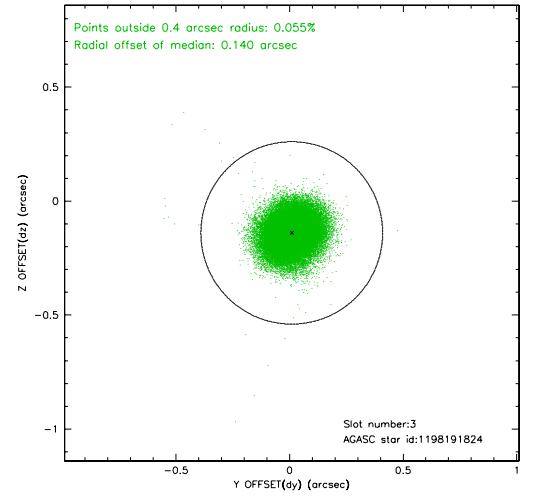
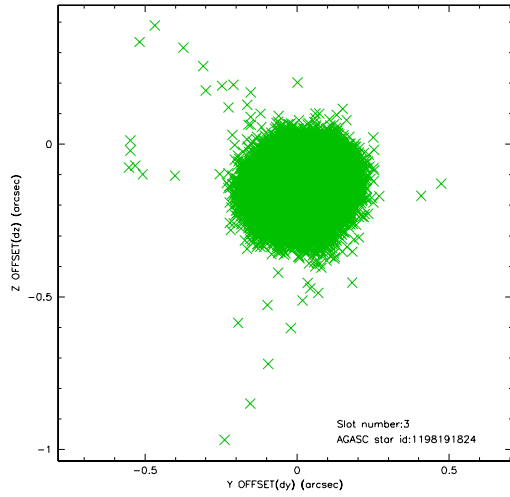


Slot Statistics

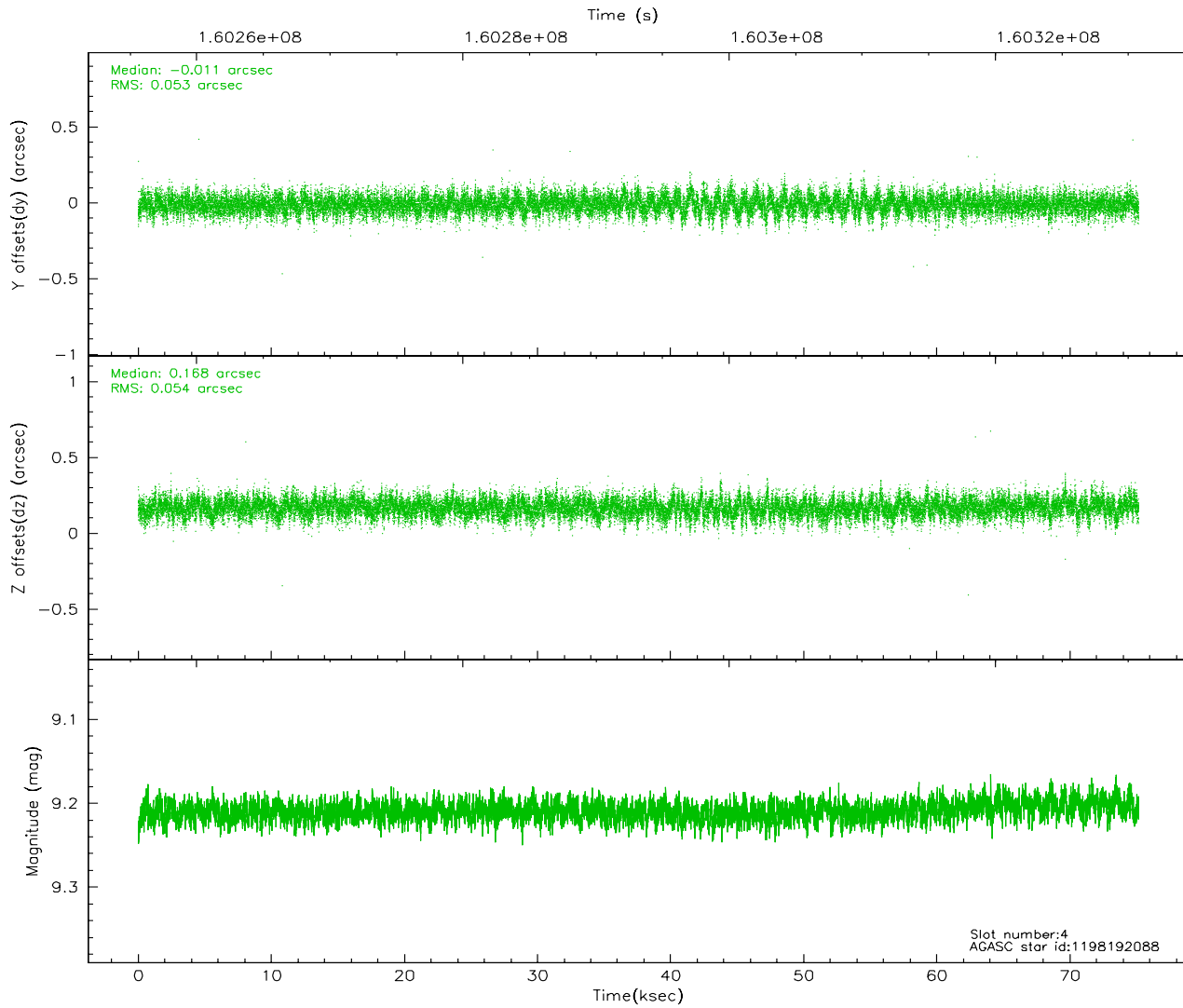
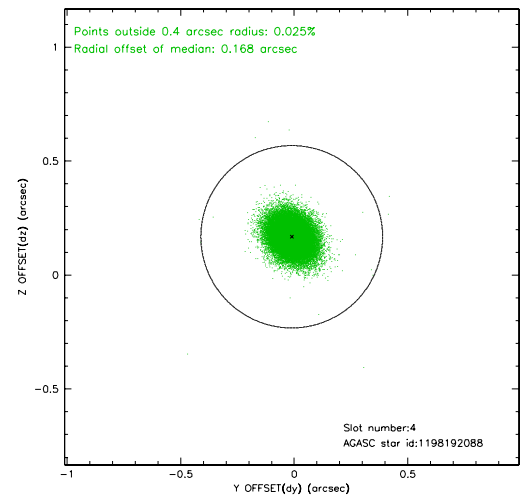
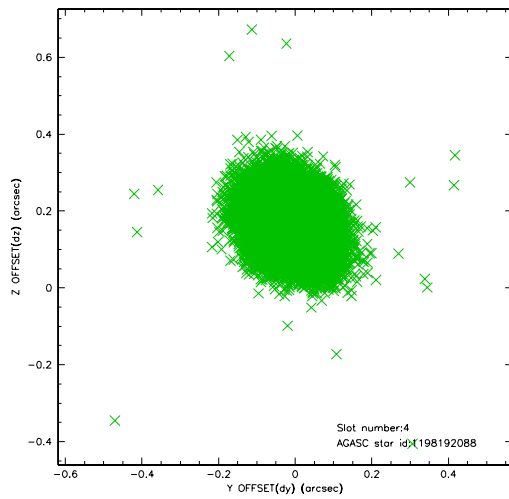
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	18338	-0.026	0.008	0.007	0.011	0.000000	0.000000	-755.91	-1730.55
1	FID	ACIS-S-4	7.20	18338	-0.016	0.011	0.005	0.009	0.000000	0.000000	2157.37	178.04
2	FID	ACIS-S-5	7.24	18339	0.011	-0.009	0.006	0.011	0.000000	0.000000	-1808.83	171.56
3	GUIDE	1198191824	9.36	36407	0.010	-0.140	0.108	0.168	11.519918	-73.478175	1249.87	271.58
4	GUIDE	1198192088	9.21	36660	-0.011	0.168	0.079	0.131	11.250657	-73.229216	548.80	-351.72
5	GUIDE	1198192176	9.55	36653	0.005	-0.088	0.107	0.175	14.042526	-73.121350	-955.42	2167.97
6	GUIDE	1198132640	9.87	36656	-0.066	0.029	0.170	0.269	11.418402	-73.816353	2401.08	680.31
7	GUIDE	1198192408	9.41	36646	0.062	0.028	0.087	0.145	12.860639	-72.678863	-1949.27	403.45

2.4 Star Slots

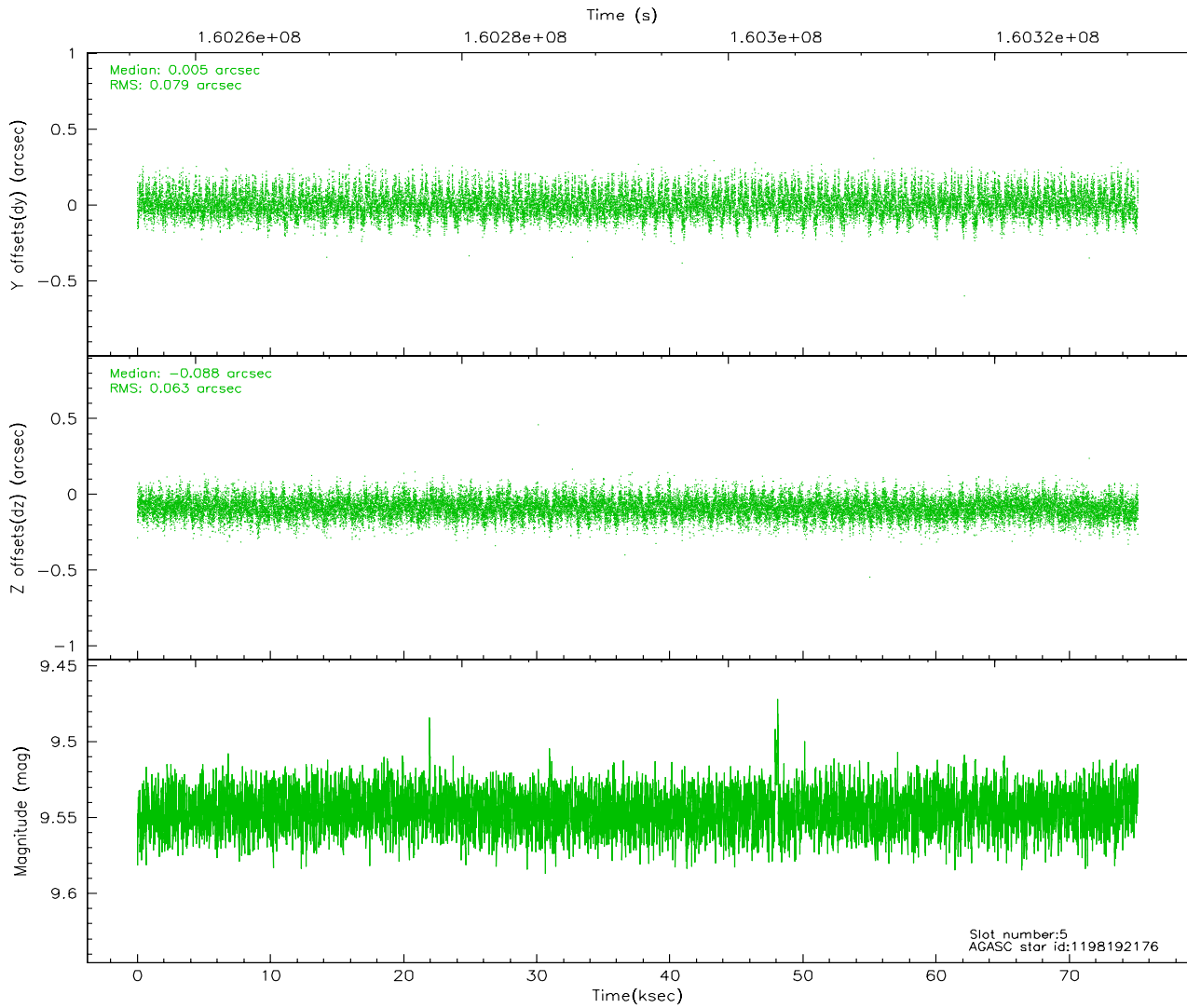
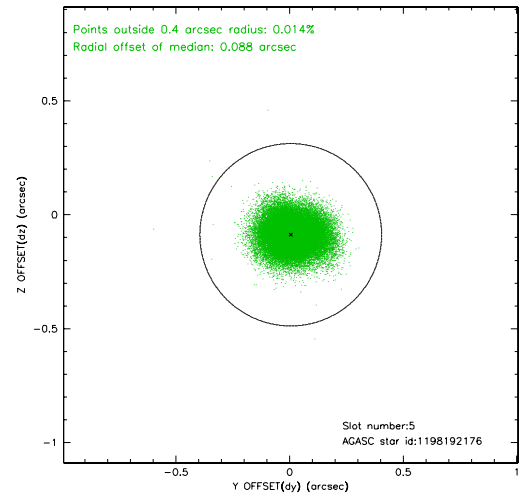
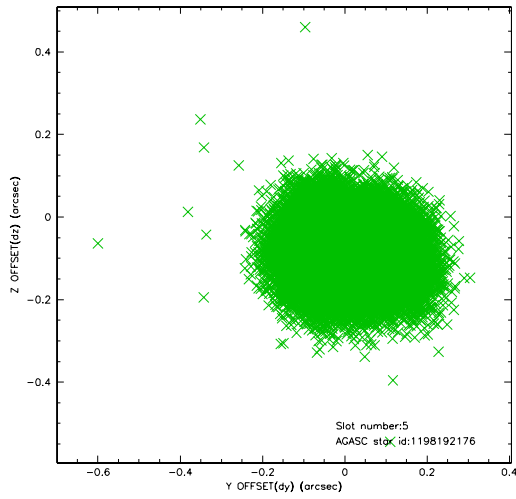
2.4.1 Slot 3



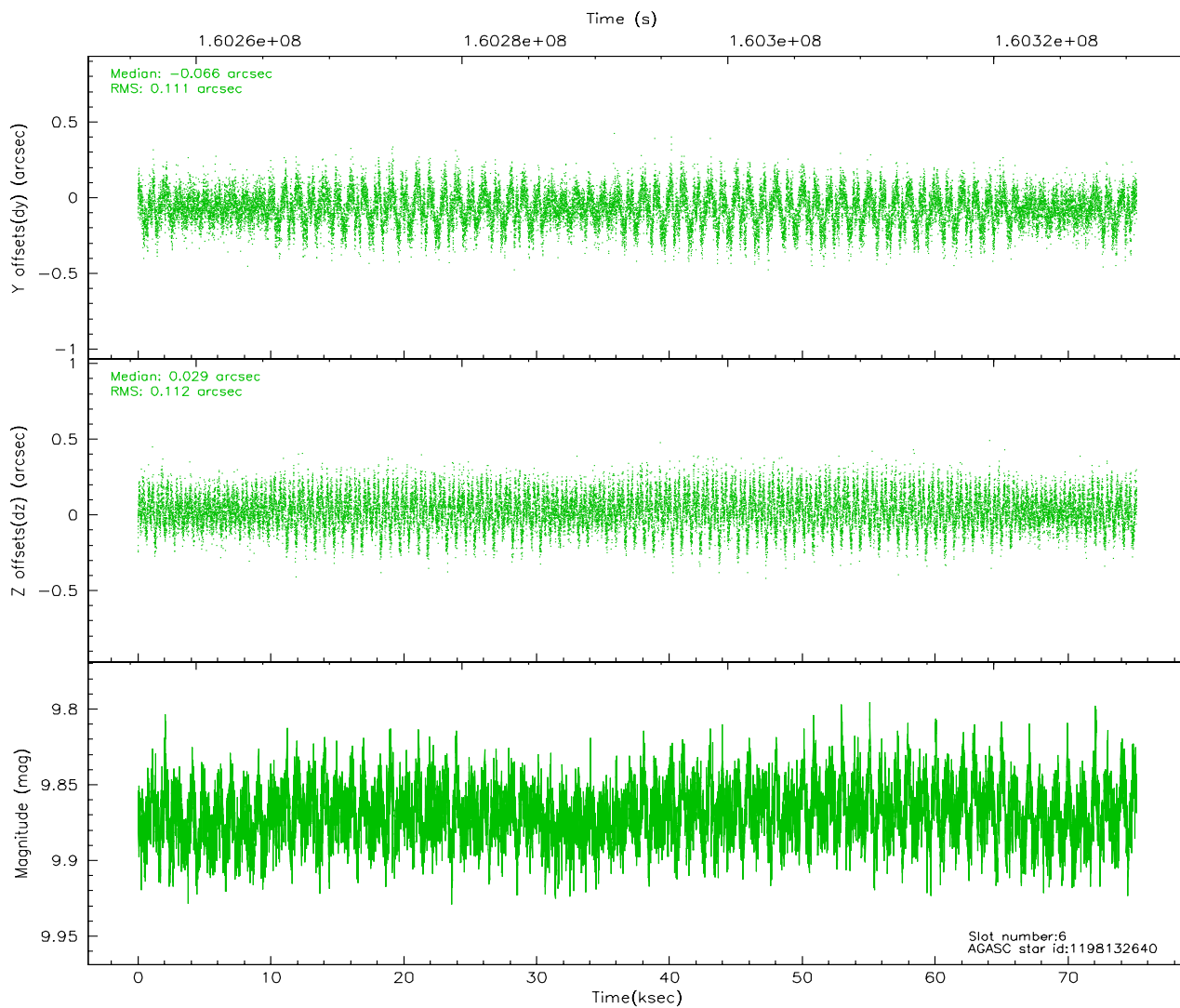
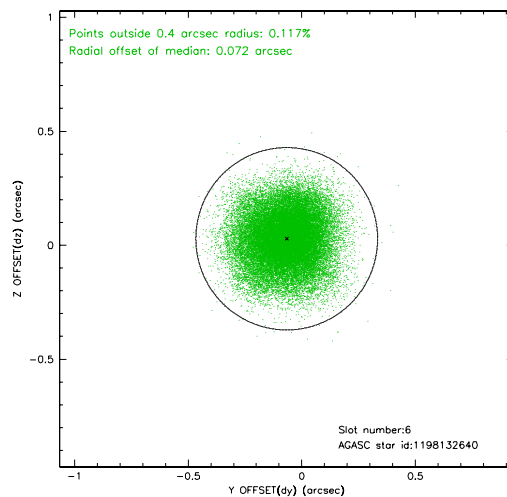
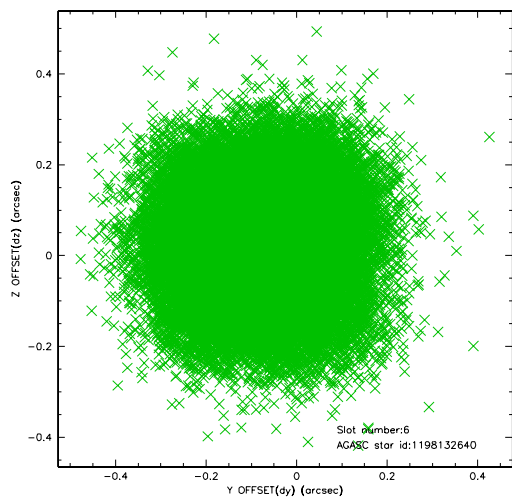
2.4.2 Slot 4



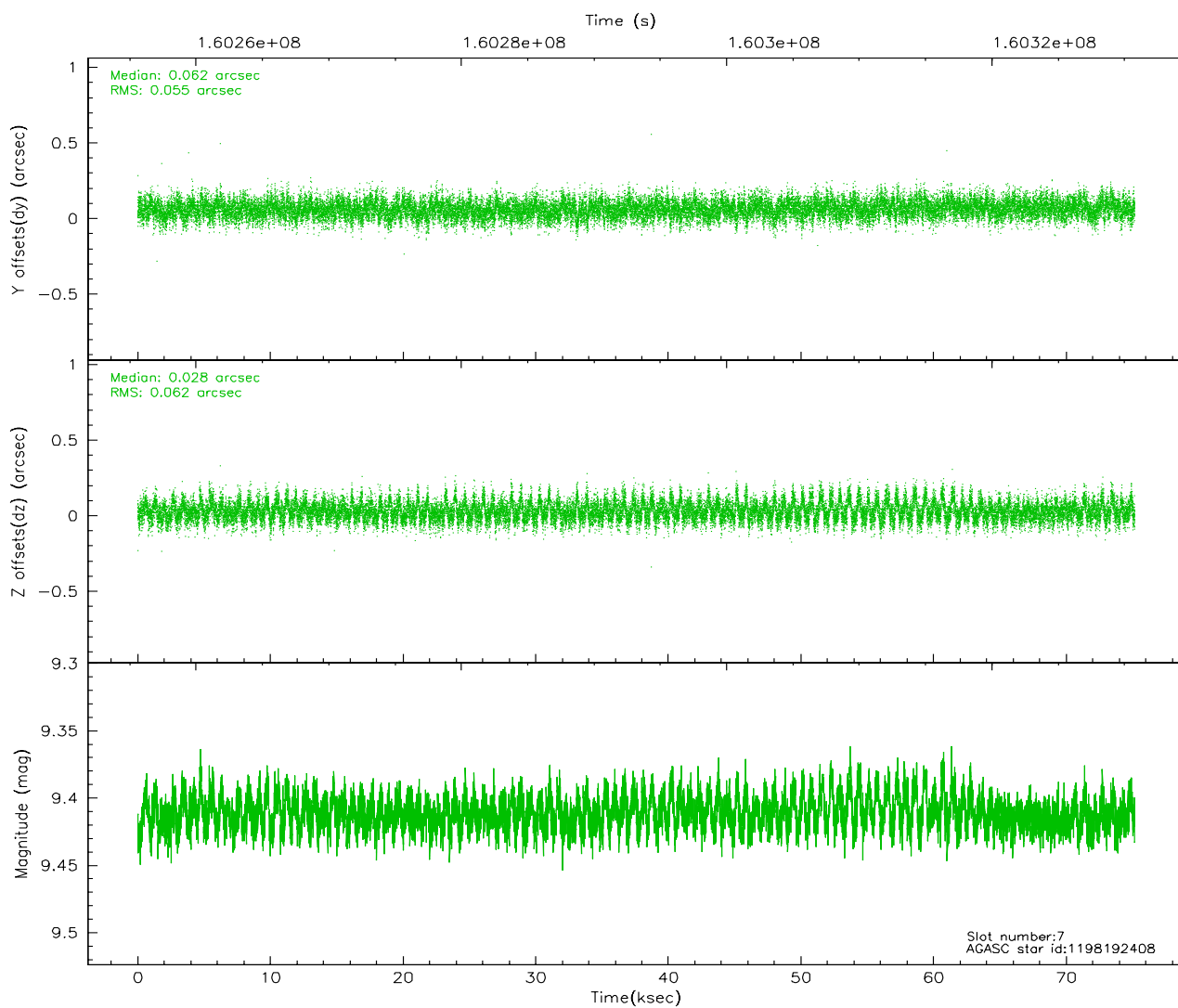
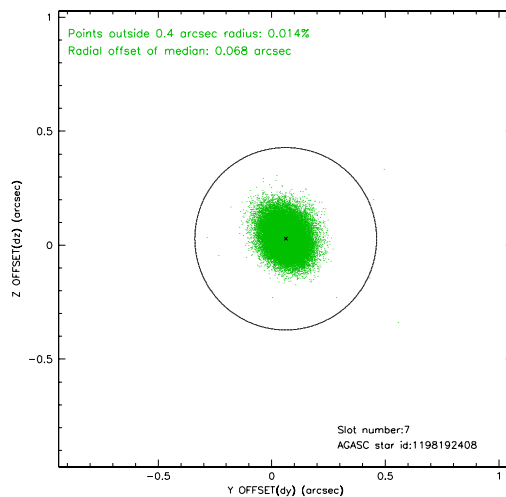
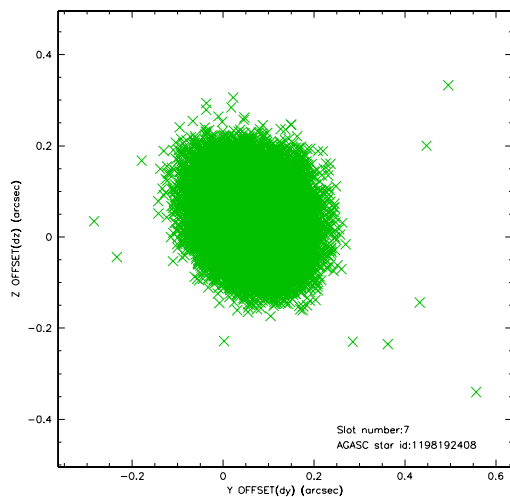
2.4.3 Slot 5



2.4.4 Slot 6

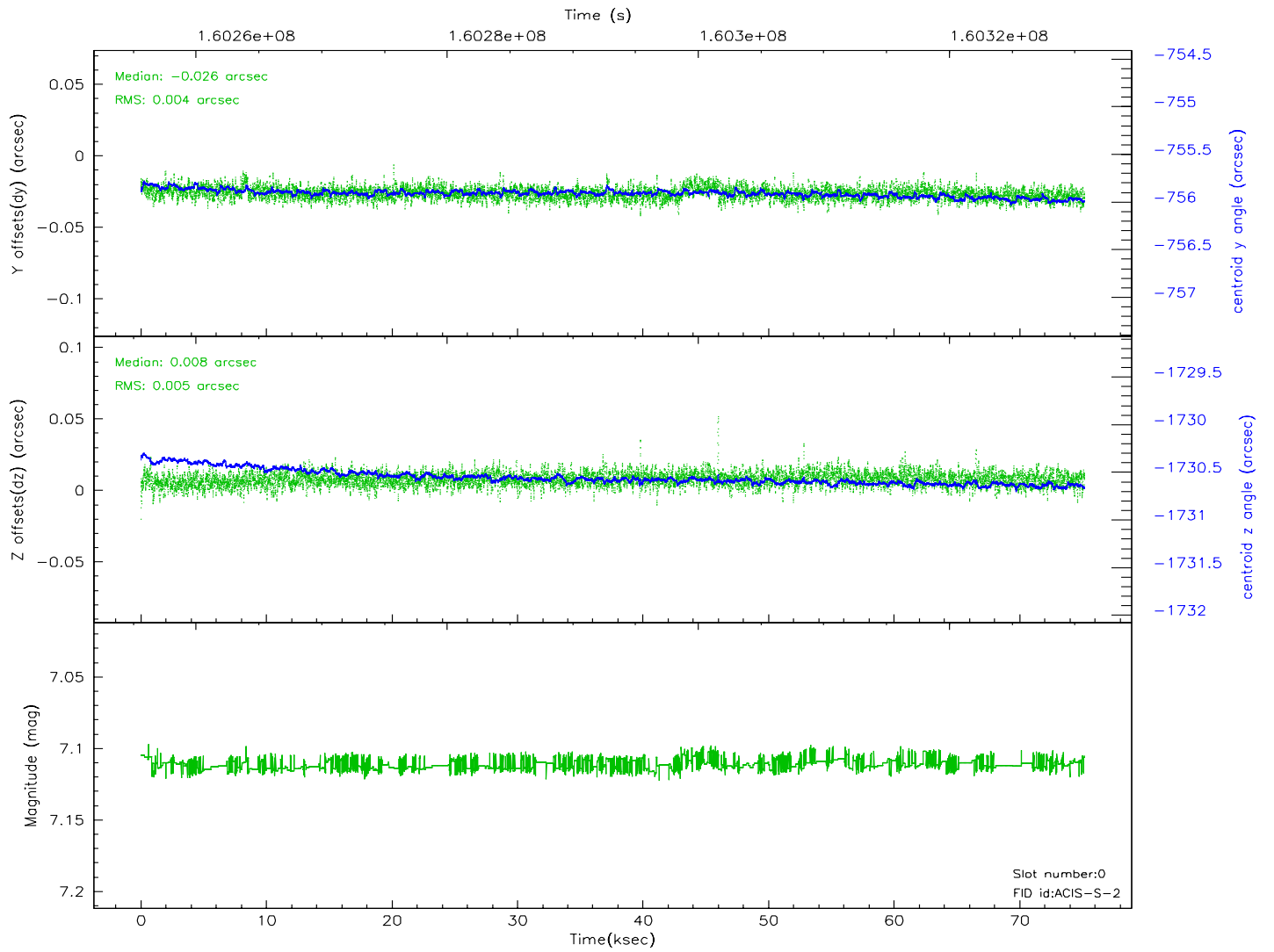
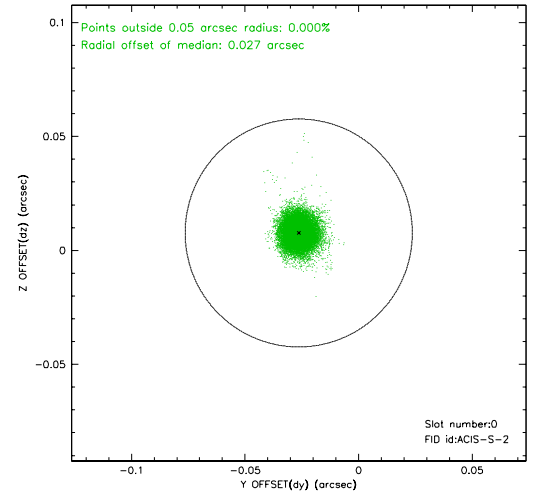
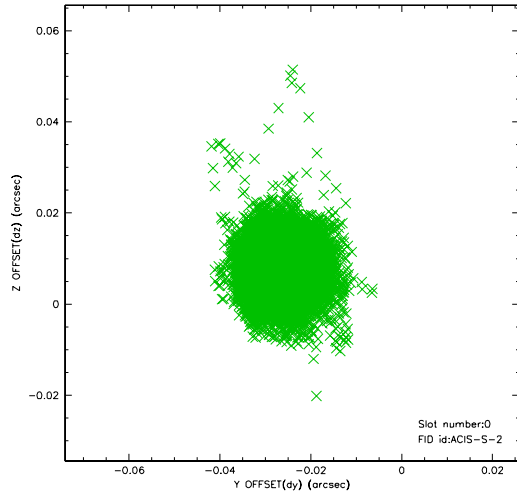


2.4.5 Slot 7

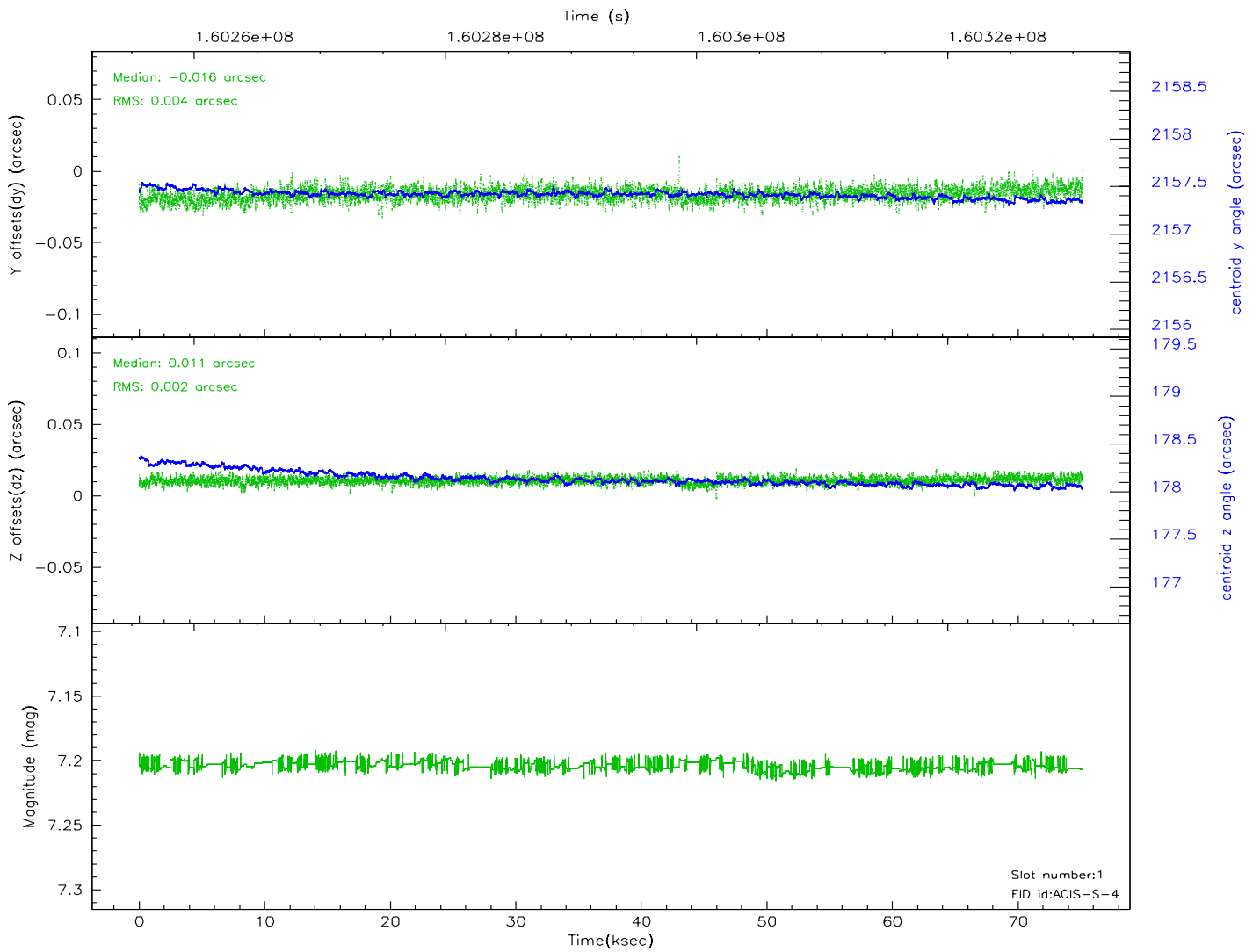
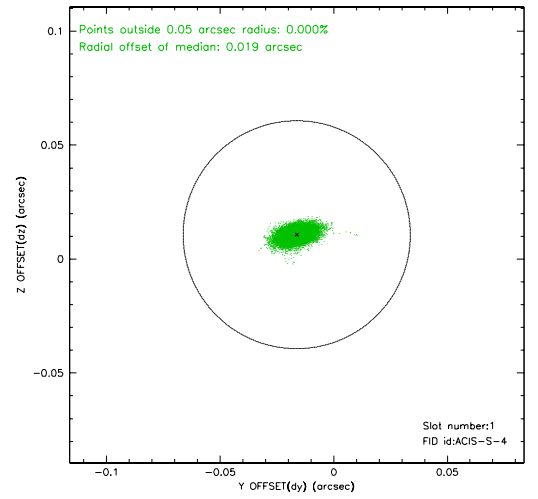
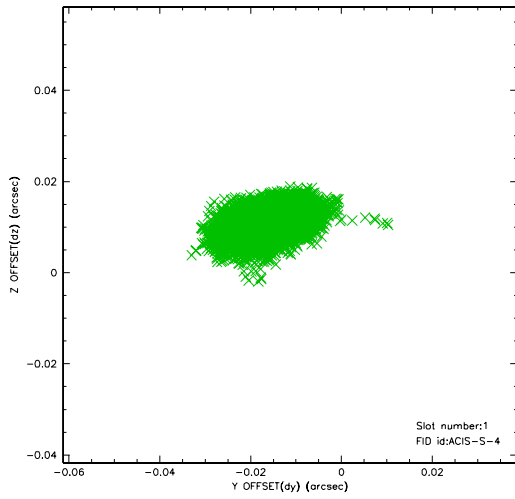


2.5 FID Slots

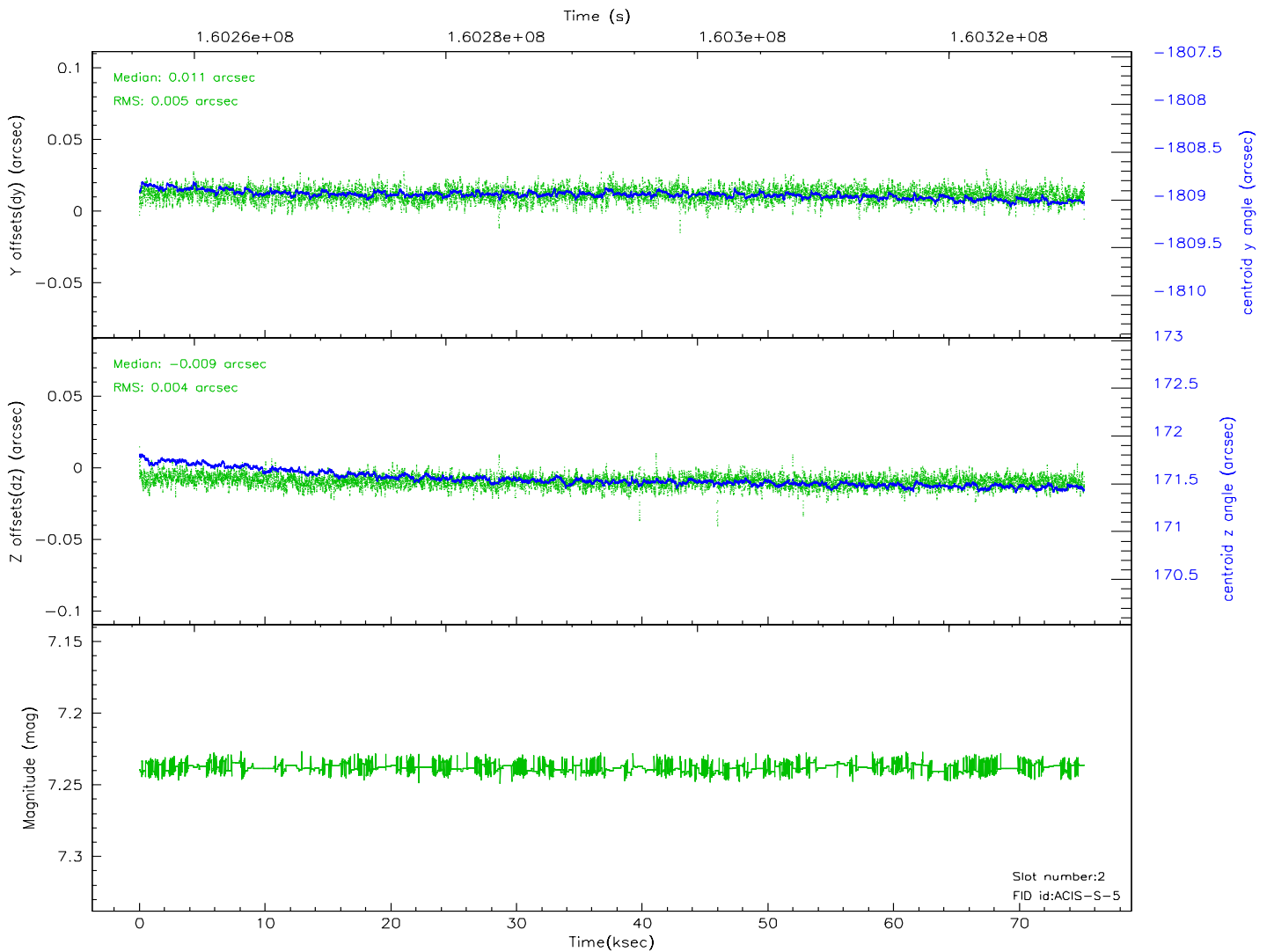
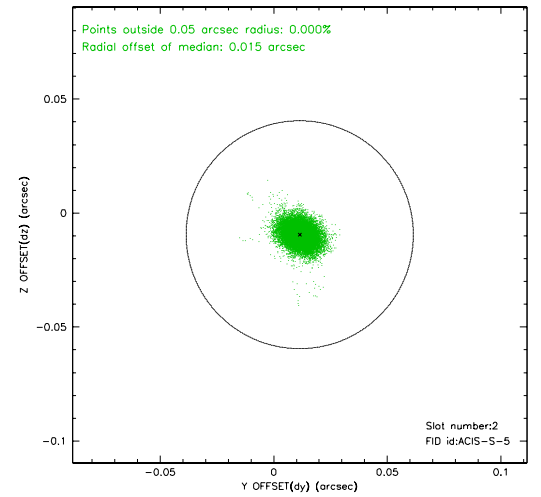
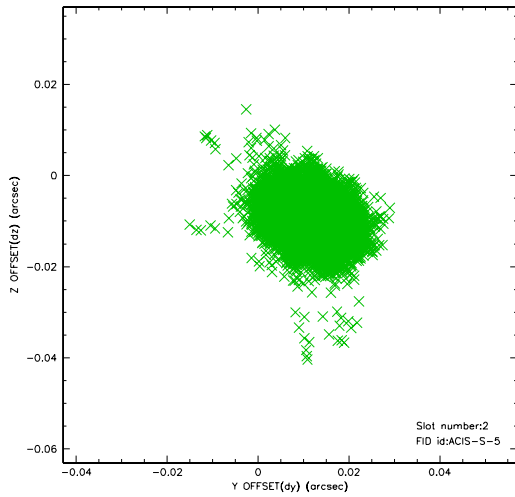
2.5.1 Slot 0



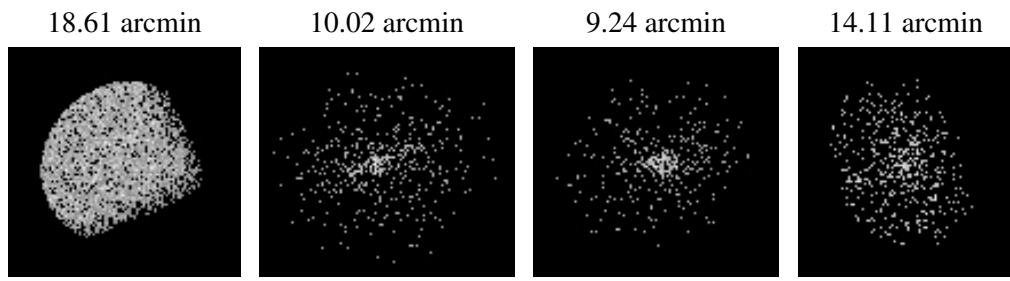
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	75.18

A.2 Comments

Roll preference not met.