

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2072 - L2 Version 001
Chandra X-Ray Center

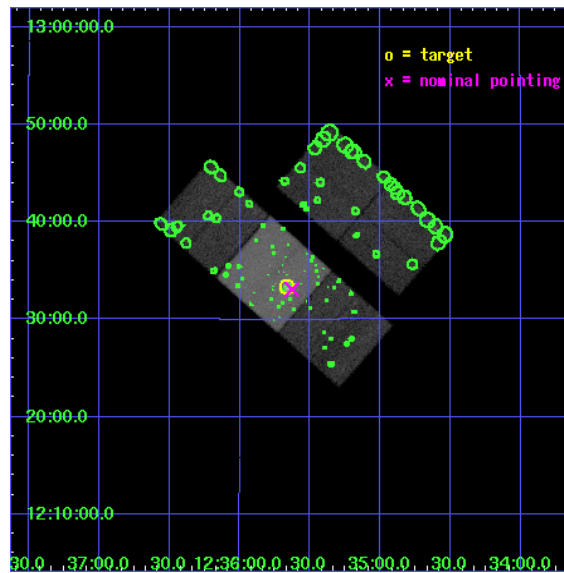
L2 Processing Date : Nov 14 2006

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1 Front

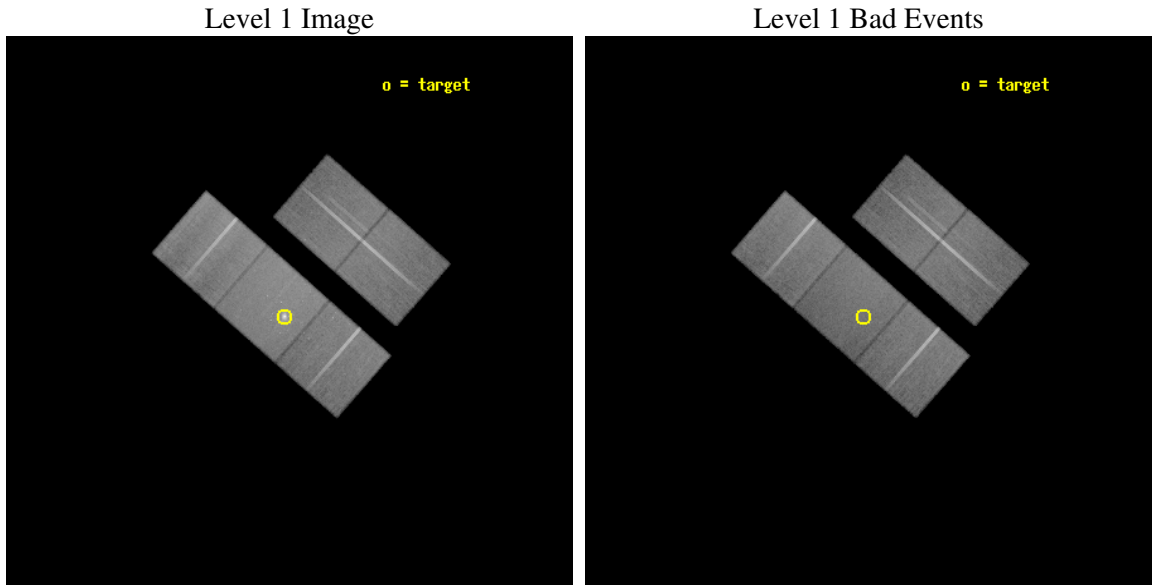
seq_num	600206
obs_id	2072
title	ELLIPTICALS WITH DISCREPANT GASEOUS & STELLAR METALLICITIES
observer	PROFESSOR RAYMOND WHITE III
object	NGC 4552
dtcycle	0
cycle	P
ra_targ	188.915833
dec_targ	12.556389
ra_nom	188.90724296821
dec_nom	12.551341055685
roll_nom	221.34159206174
revision	2
ontime	55139.699893981
livetime	54419.25912161
ontime2	55136.558923736
ontime3	55139.699893981
ontime6	55133.417943582
ontime7	55139.699893981
ontime8	55136.558923736
l2events	351542



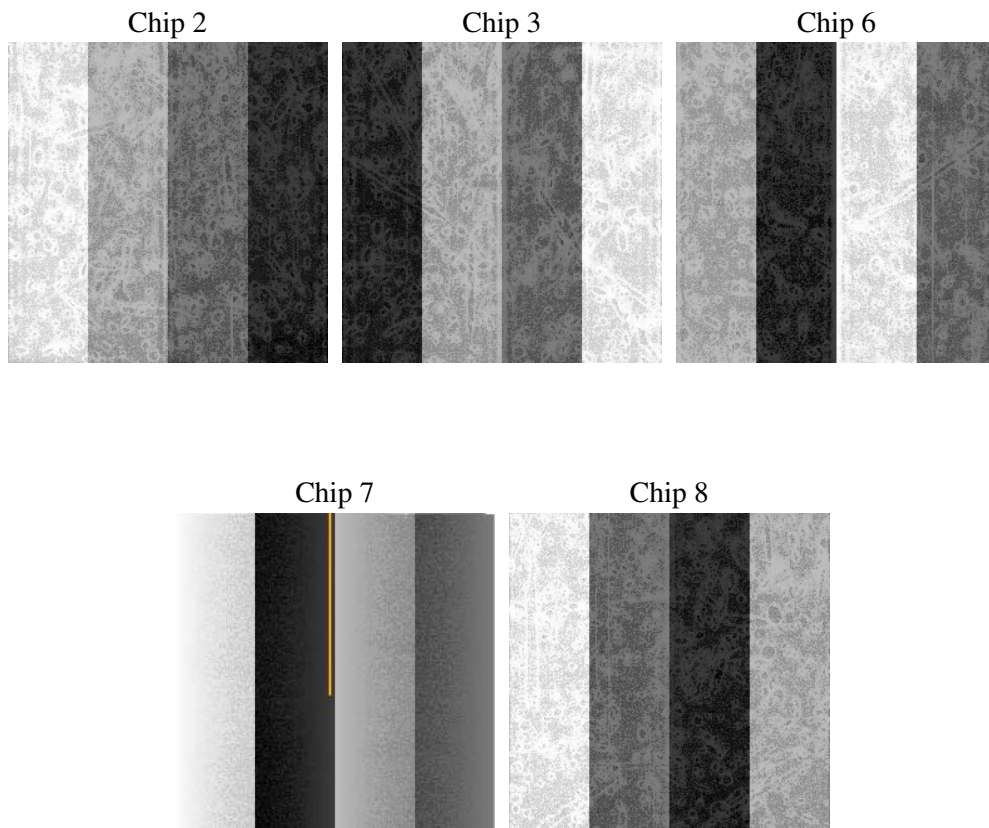
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	3
ascdsver	7.6.9
caldsver	3.2.4
date	2006-11-14T19:46:50
revision	2

sched_exp_time	55000.000000
ontime	56952.64392975
ontime2	56949.502929598
ontime3	56952.64392975
ontime6	56946.36197935
ontime7	56952.64392975
ontime8	56949.502959505
l1events	2035780

2.1.4 Events

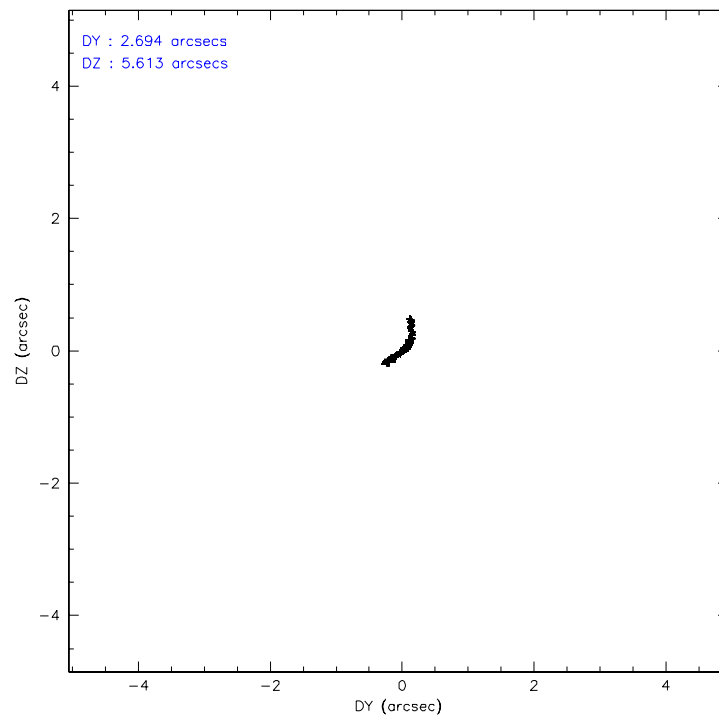
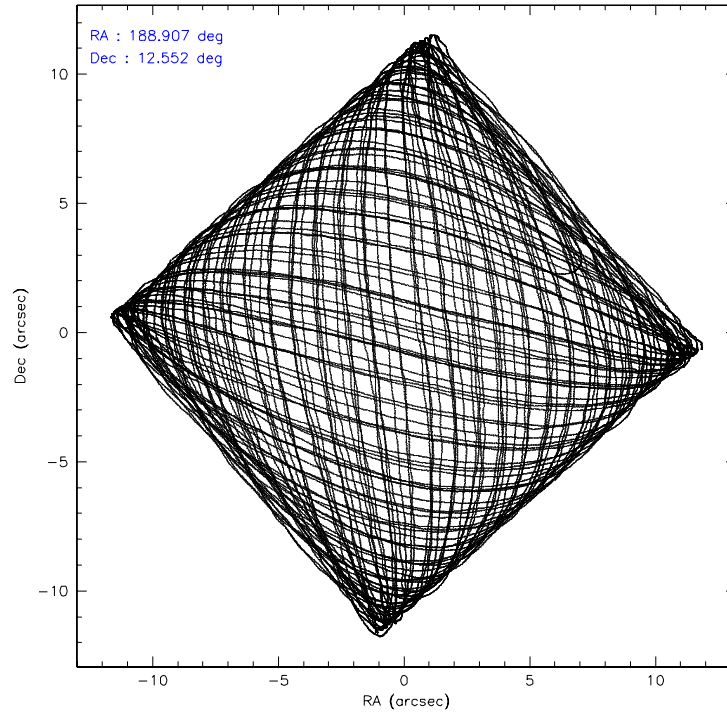
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	359642	359027	375155	482443	459513
rejected events	316154	316577	327974	285035	364906
rejected %	87%	88%	87%	59%	79%

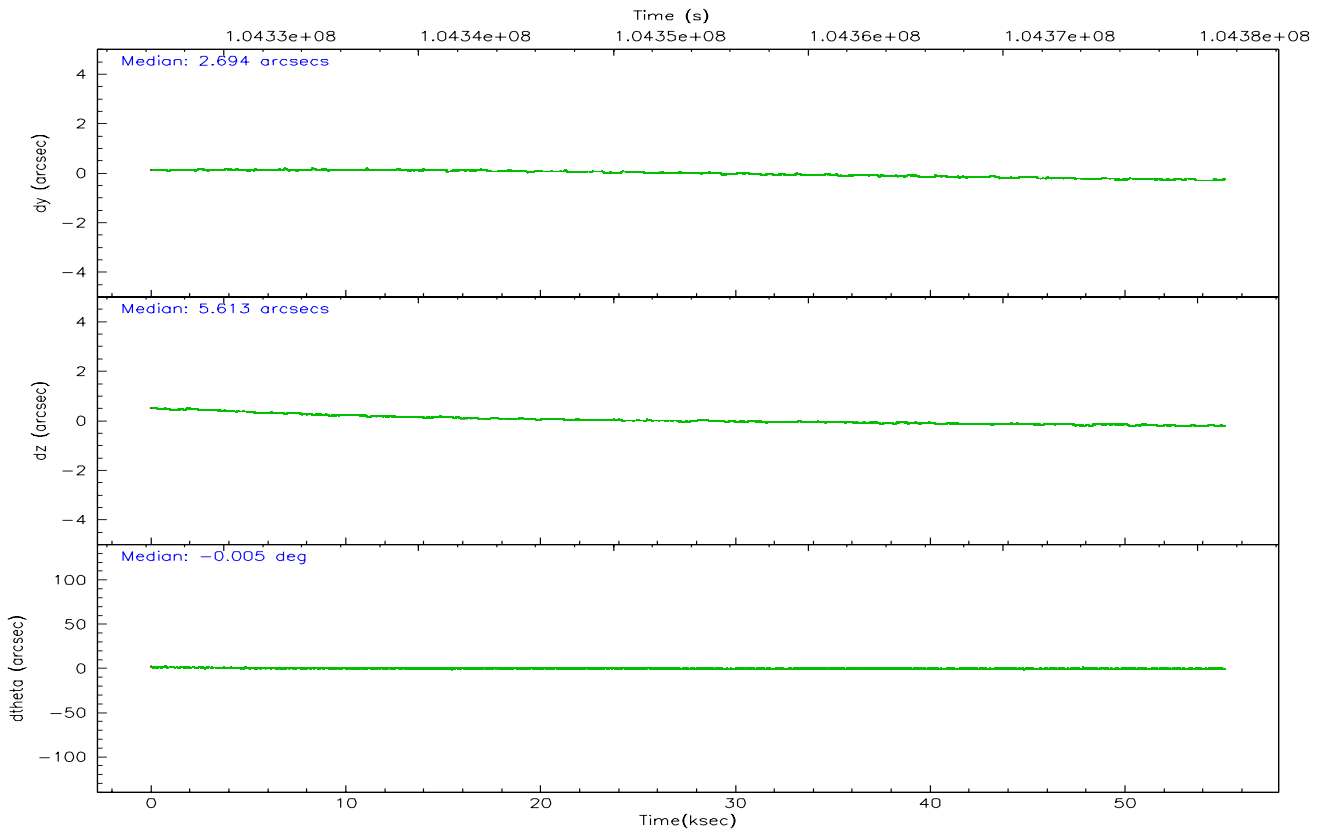
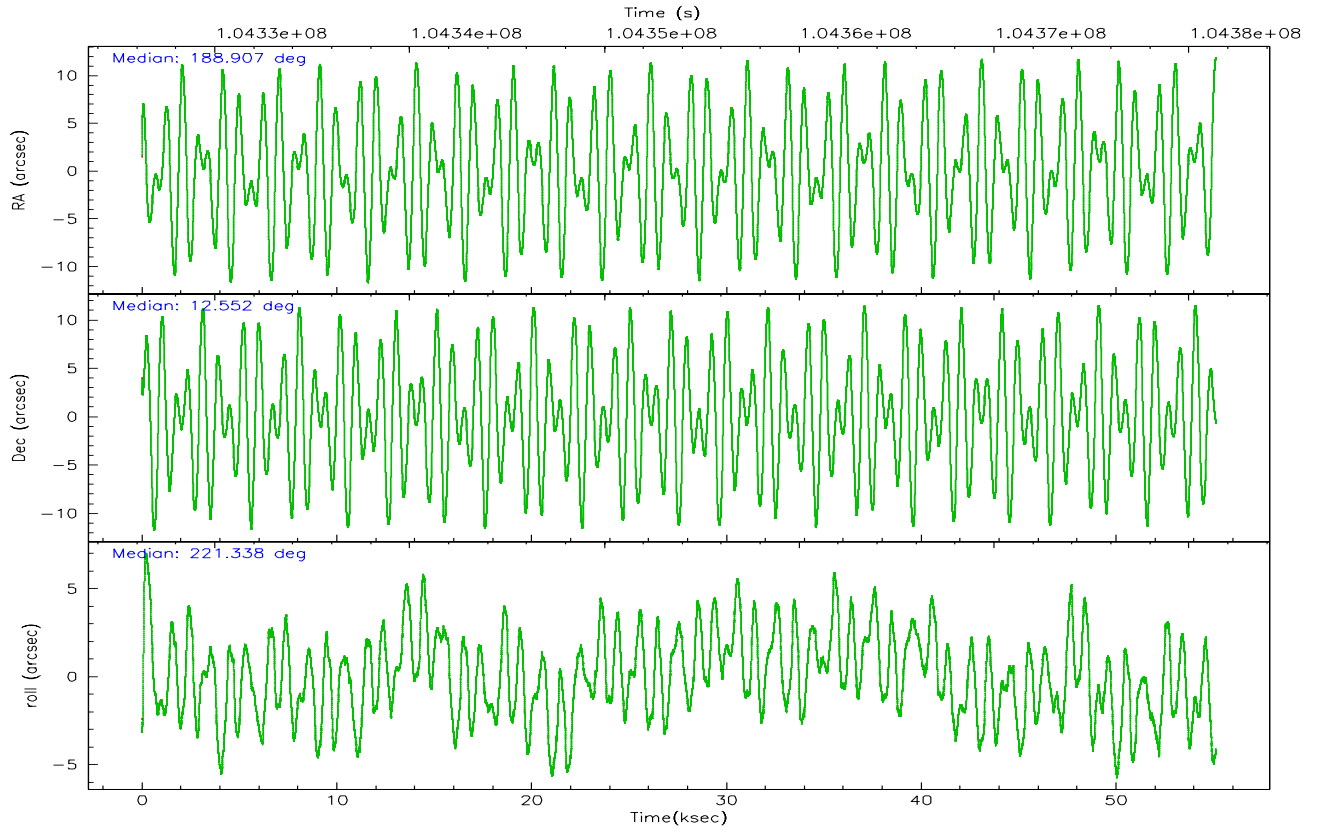
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	21035	20424	22910	21063	32432
	5%	5%	6%	4%	7%
grade 1 events	177	159	172	251	273
	0%	0%	0%	0%	0%
grade 2 events	8722	8308	8868	50557	20193
	2%	2%	2%	10%	4%
grade 3 events	3943	3948	4410	12776	10670
	1%	1%	1%	2%	2%
grade 4 events	4080	3939	4346	12584	9816
	1%	1%	1%	2%	2%
grade 5 events	12084	13426	15022	30543	19022
	3%	3%	4%	6%	4%
grade 6 events	7066	7201	8082	106088	24471
	1%	2%	2%	21%	5%
grade 7 events	302535	301622	311345	248581	342636
	84%	84%	82%	51%	74%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	188.915926	188.9072429682082	Subarray requested	NONE	NONE
Pointing Dec	12.577284	12.55134105568488	Alternating exposures requested	N	N
Pointing Roll	221.183080	221.3415920617418	Primary exposure time	0.000000	3.1
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	104326408.184000	104324454.96035			
Observation start date	2001-04-22T11:32:24	2001-04-22T11:00:54			
Observation end time	104381408.184000	104382047.66258			
Observation end date	2001-04-23T02:49:04	2001-04-23T03:00:47			
Read mode	TIMED	TIMED			

2.3 Aspect



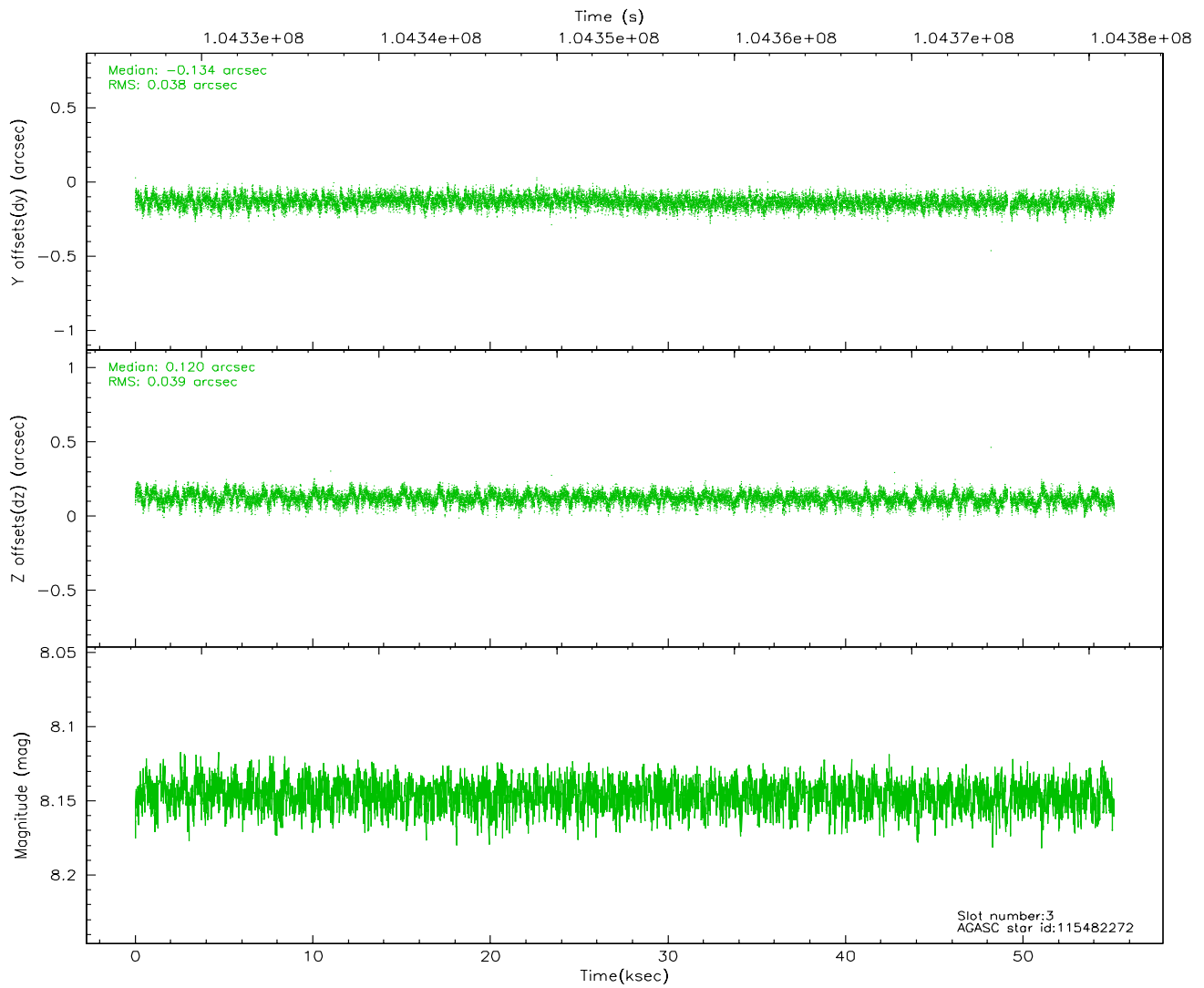
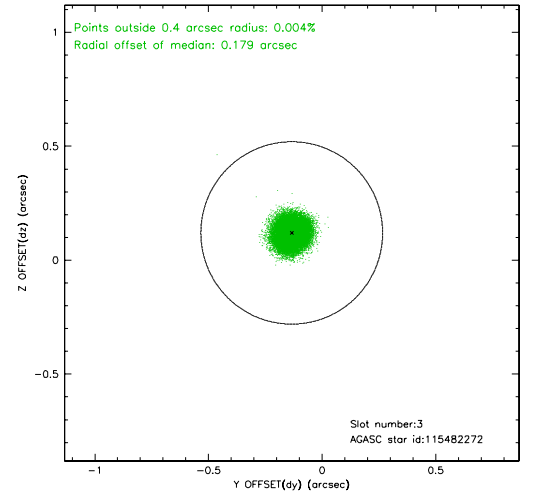
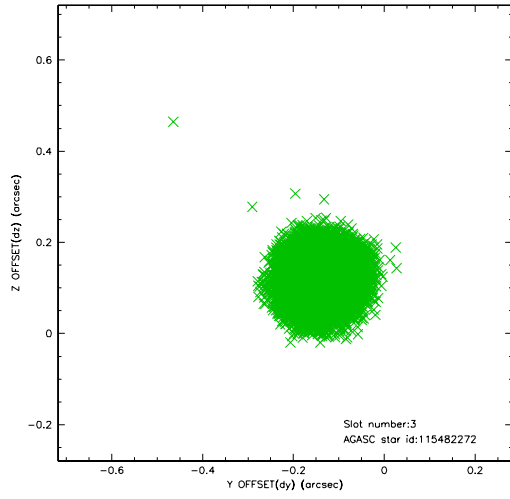


Slot Statistics

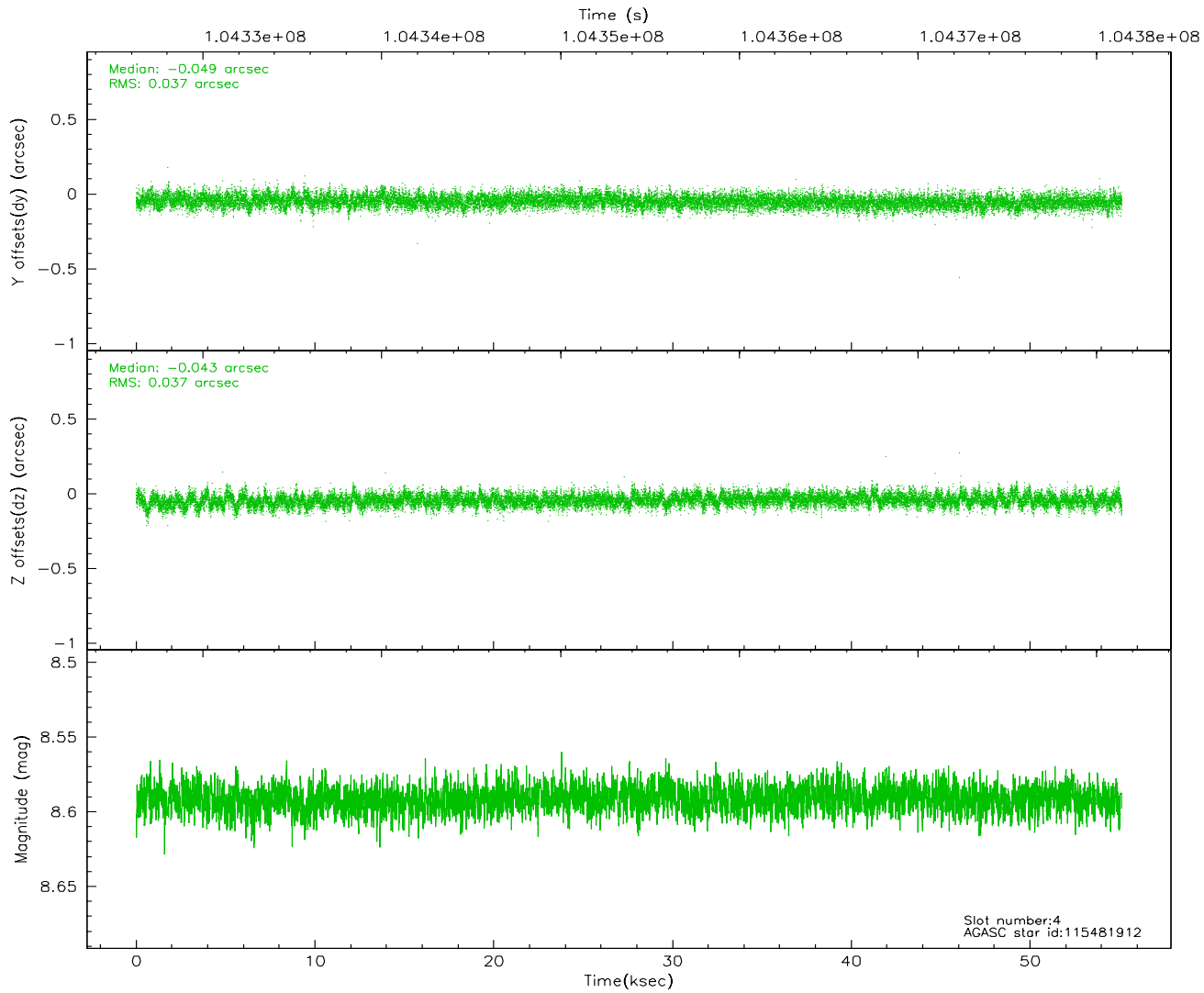
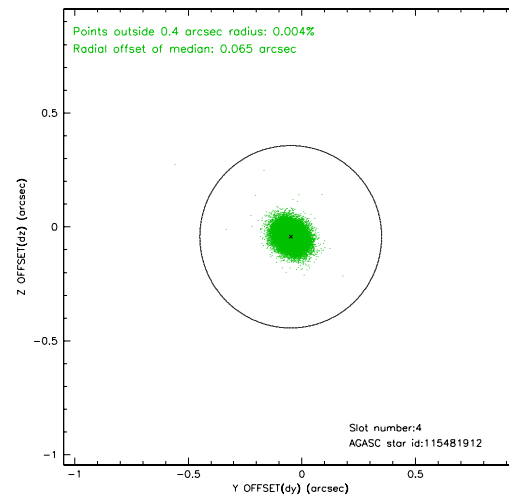
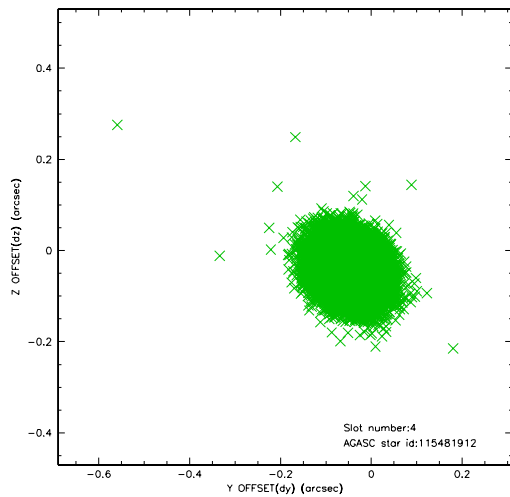
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	13450	-0.021	0.027	0.016	0.022	0.000000	0.000000	-755.28	-1726.78
1	FID	ACIS-S-4	7.20	13450	-0.070	0.003	0.019	0.026	0.000000	0.000000	2157.91	181.79
2	FID	ACIS-S-5	7.24	13450	0.064	-0.022	0.011	0.016	0.000000	0.000000	-1808.13	175.30
3	GUIDE	115482272	8.15	26829	-0.134	0.120	0.058	0.093	189.342268	12.983616	-2088.93	-116.91
4	GUIDE	115481912	8.59	26889	-0.049	-0.043	0.055	0.091	189.408526	12.669552	-1521.32	888.10
5	GUIDE	114951128	8.92	26896	0.147	0.039	0.066	0.108	188.719863	12.459246	799.29	-133.82
6	GUIDE	115349088	9.31	26891	0.042	-0.096	0.085	0.136	188.777694	12.938966	-491.42	-1299.42
7	GUIDE	115085768	9.96	26889	-0.009	-0.018	0.125	0.201	189.167689	11.938344	847.62	2314.89

2.4 Star Slots

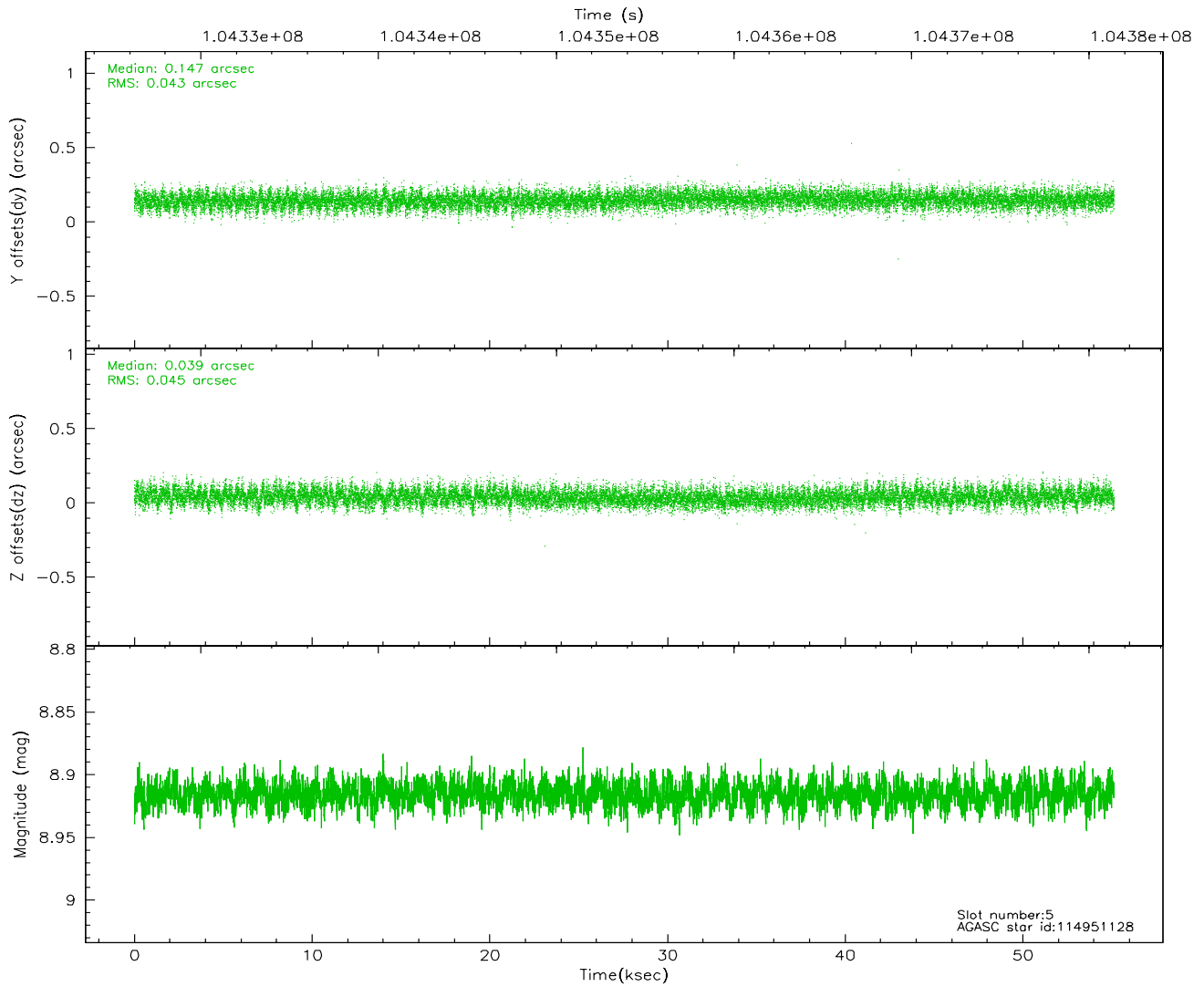
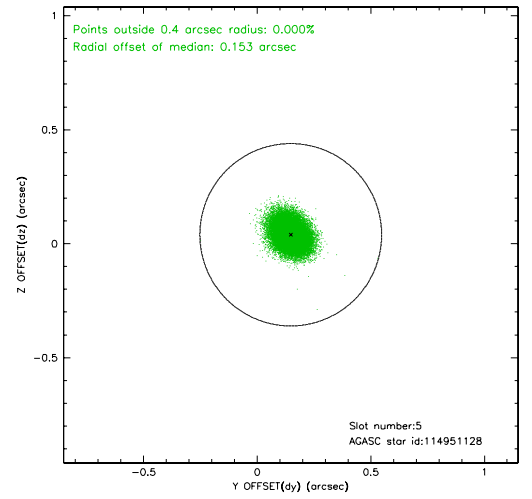
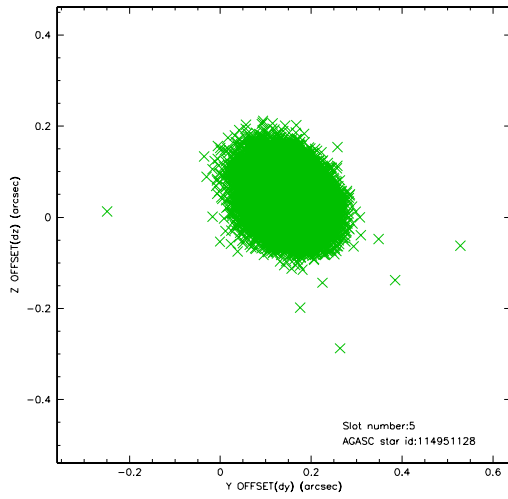
2.4.1 Slot 3



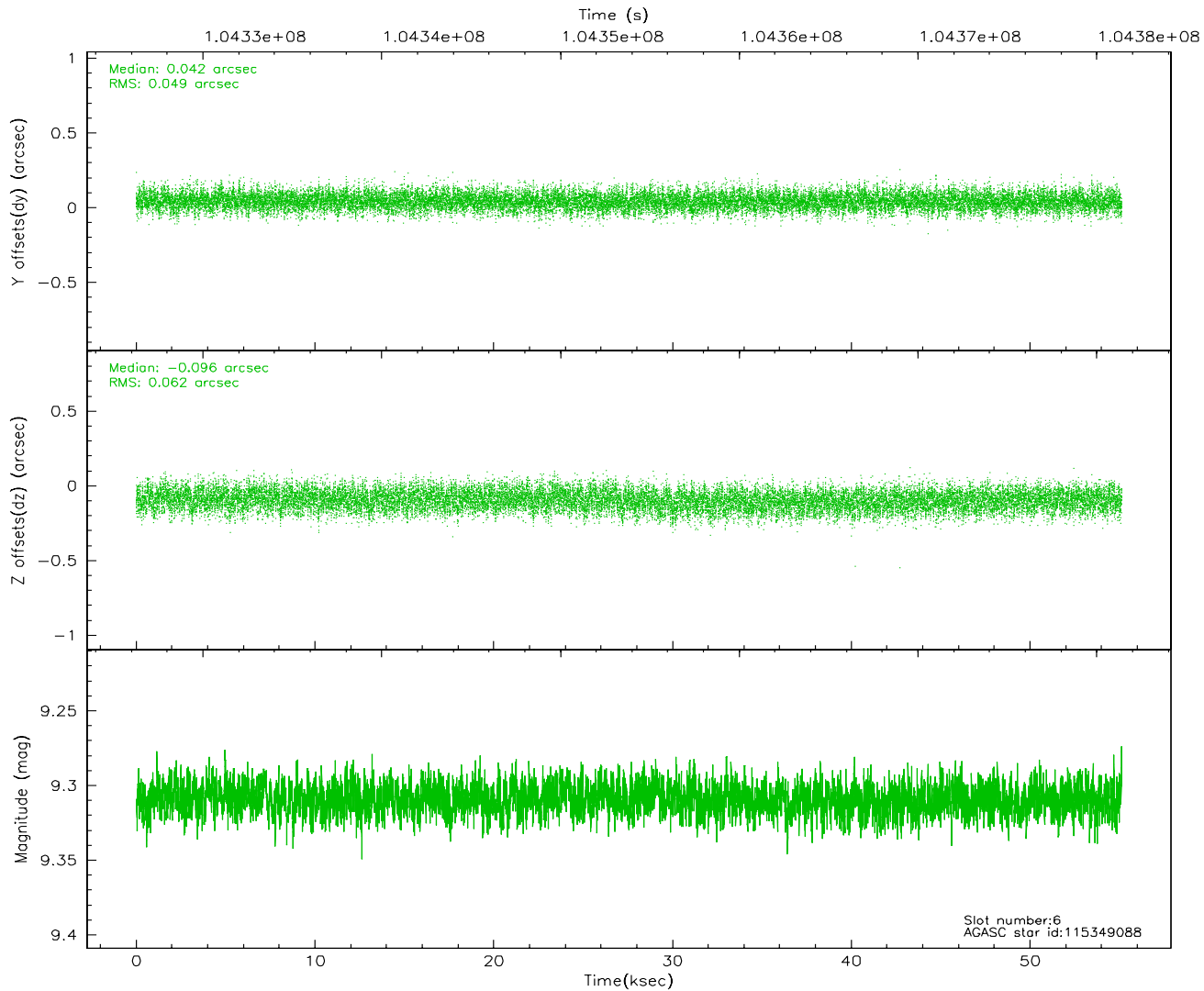
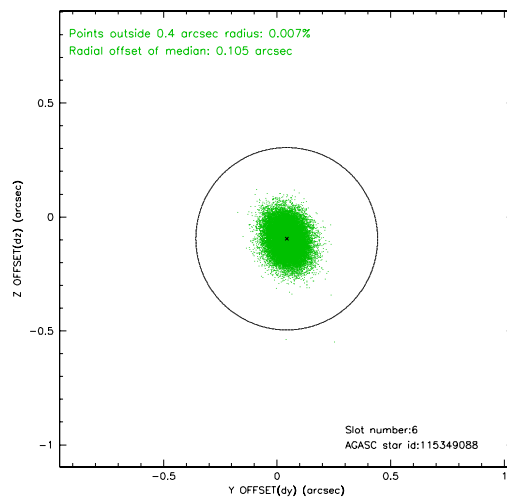
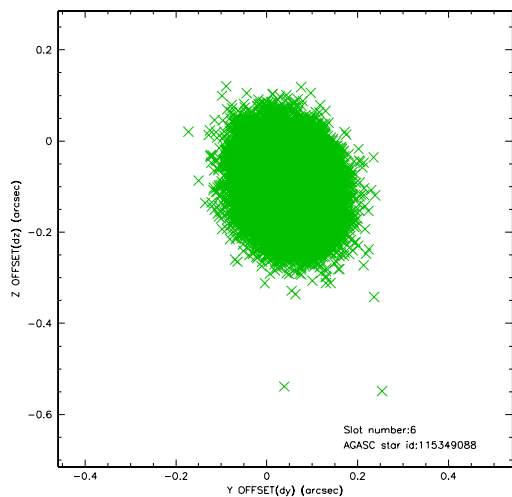
2.4.2 Slot 4



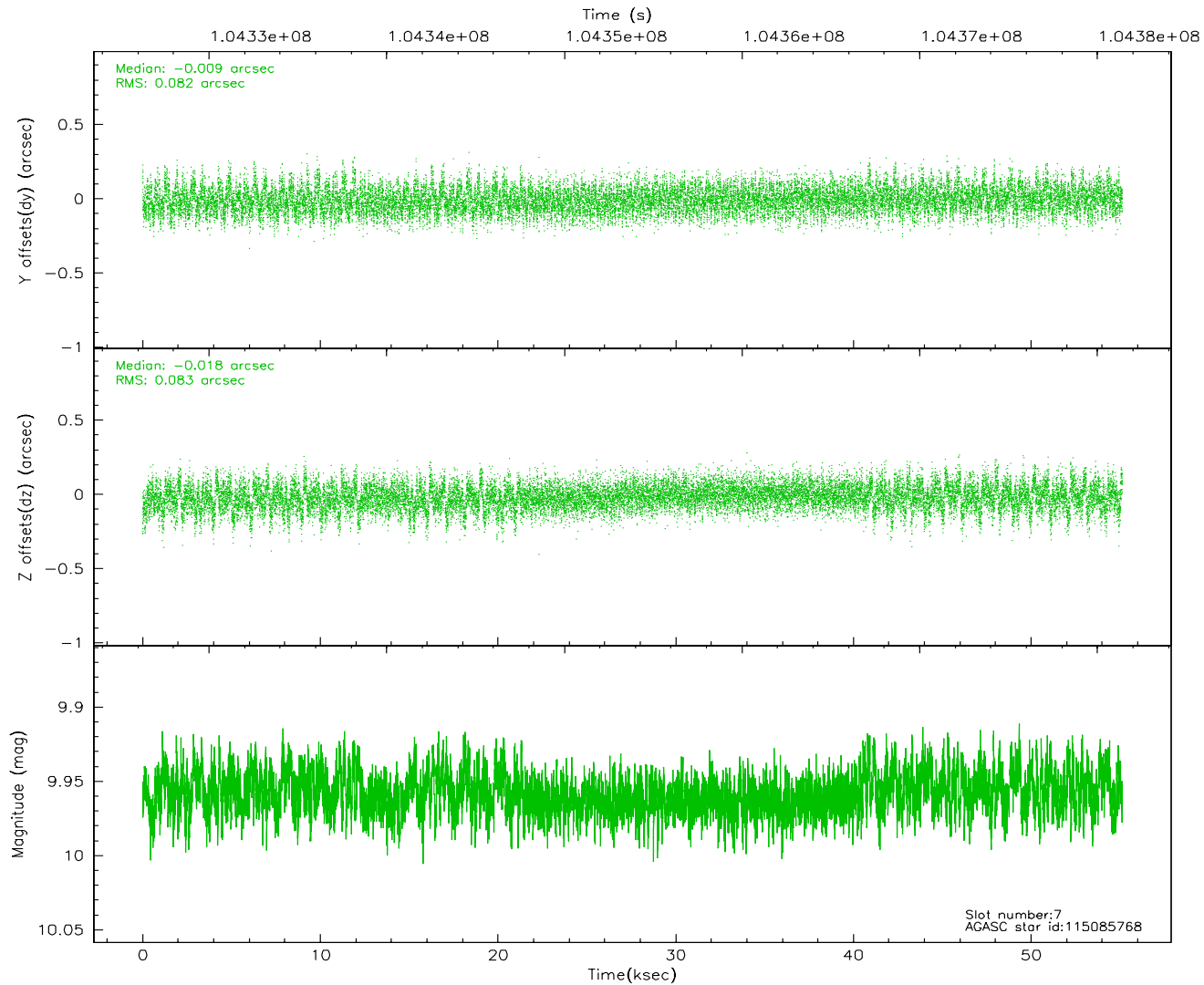
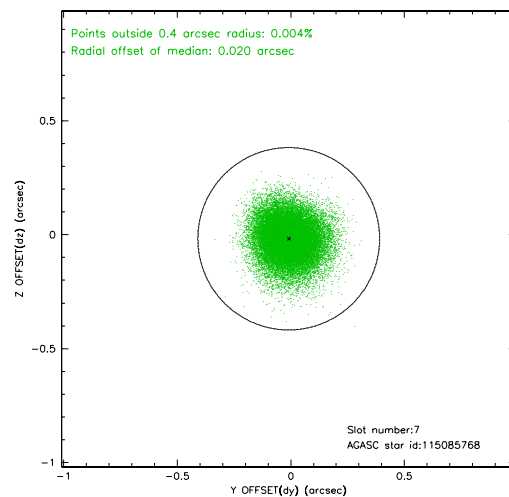
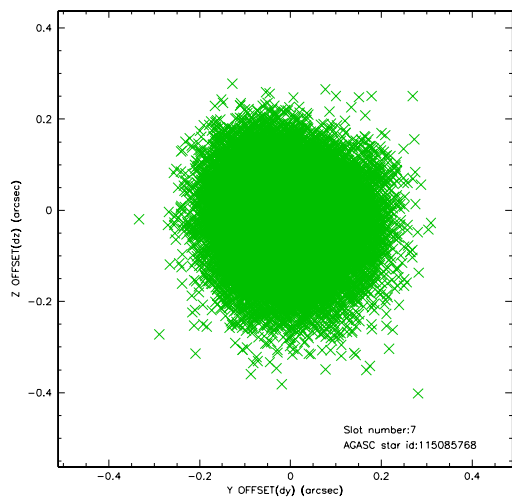
2.4.3 Slot 5



2.4.4 Slot 6

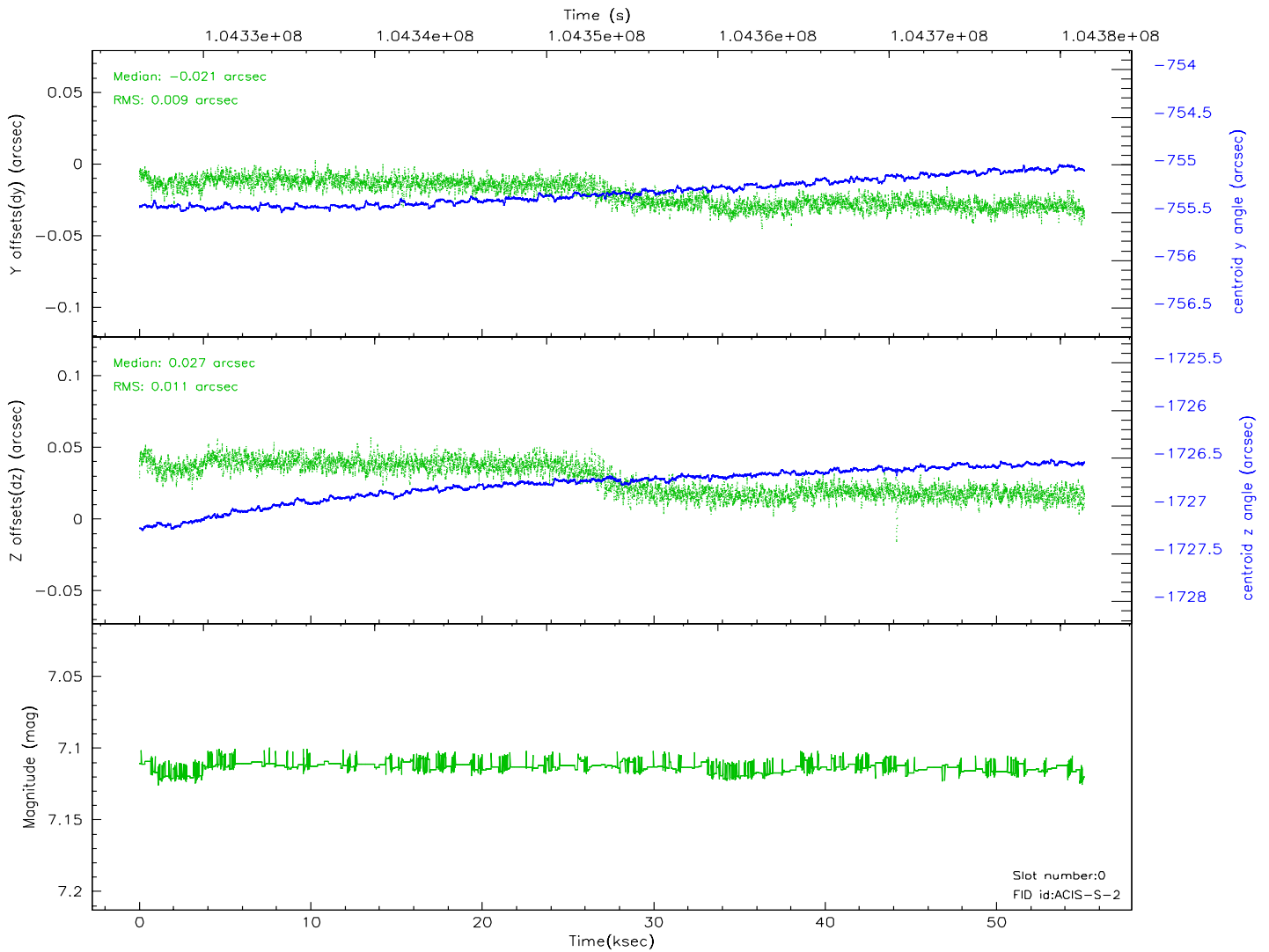
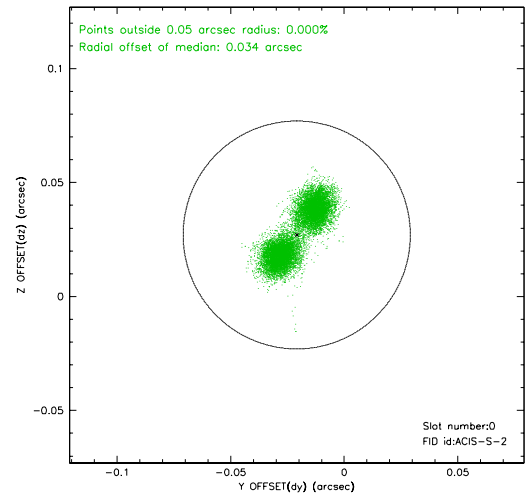
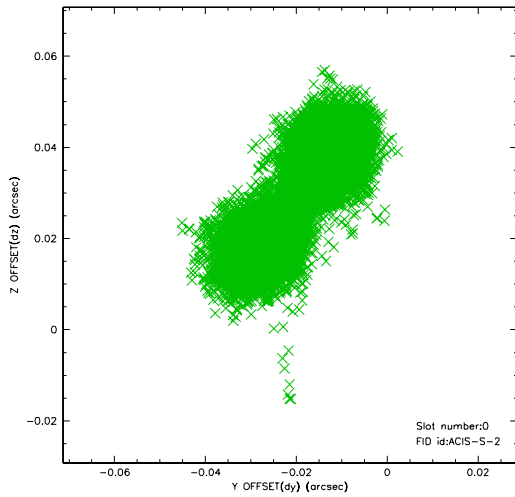


2.4.5 Slot 7

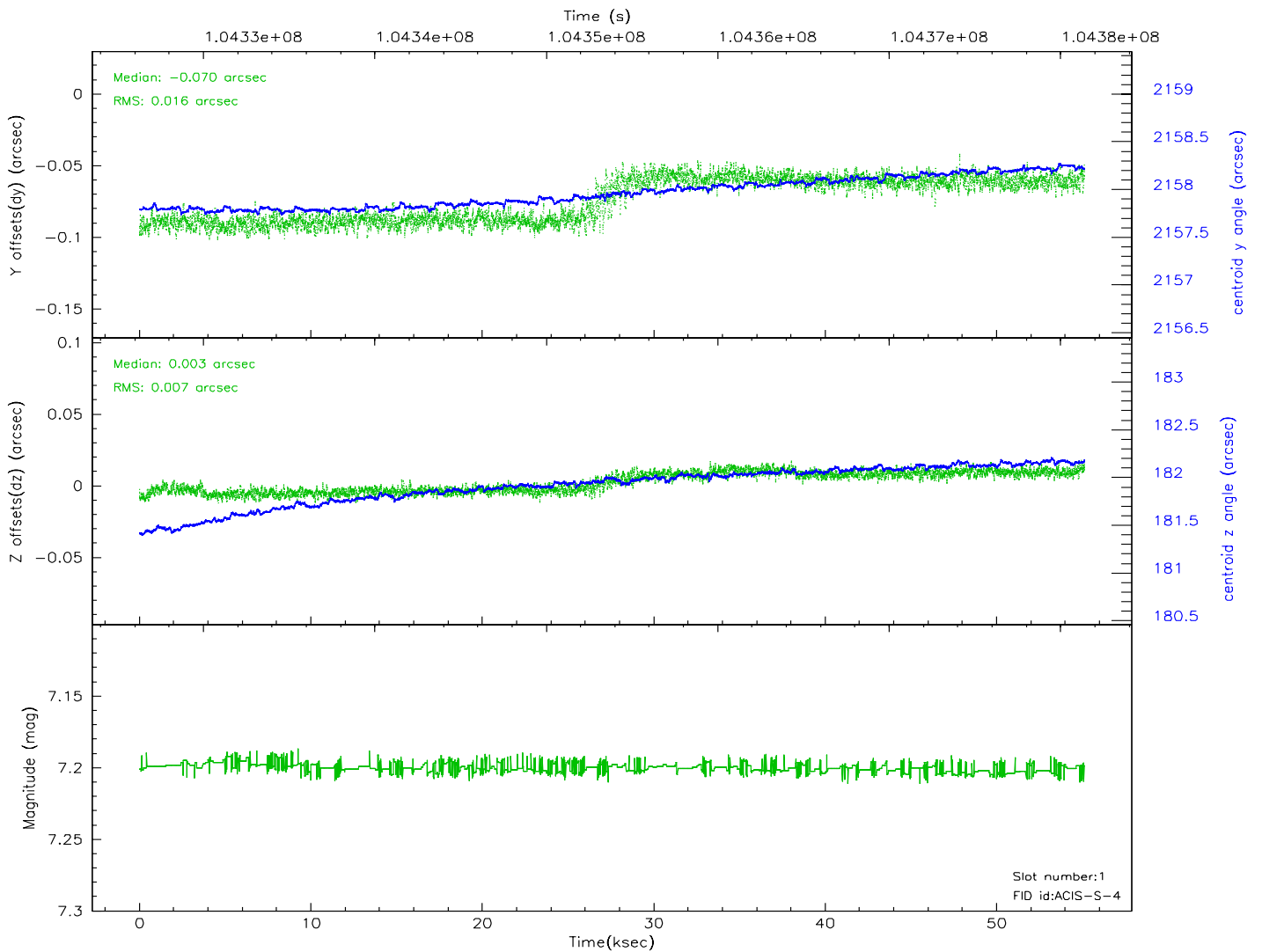
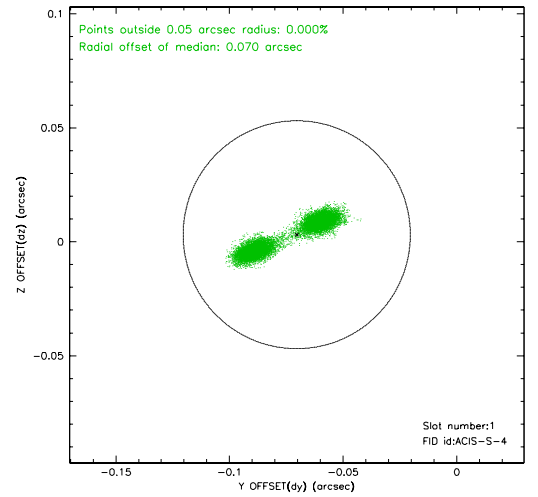
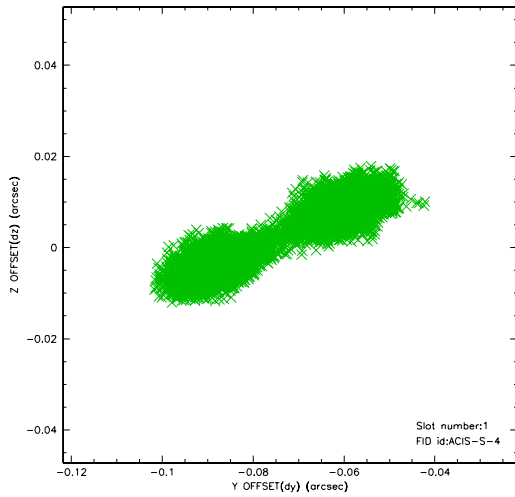


2.5 FID Slots

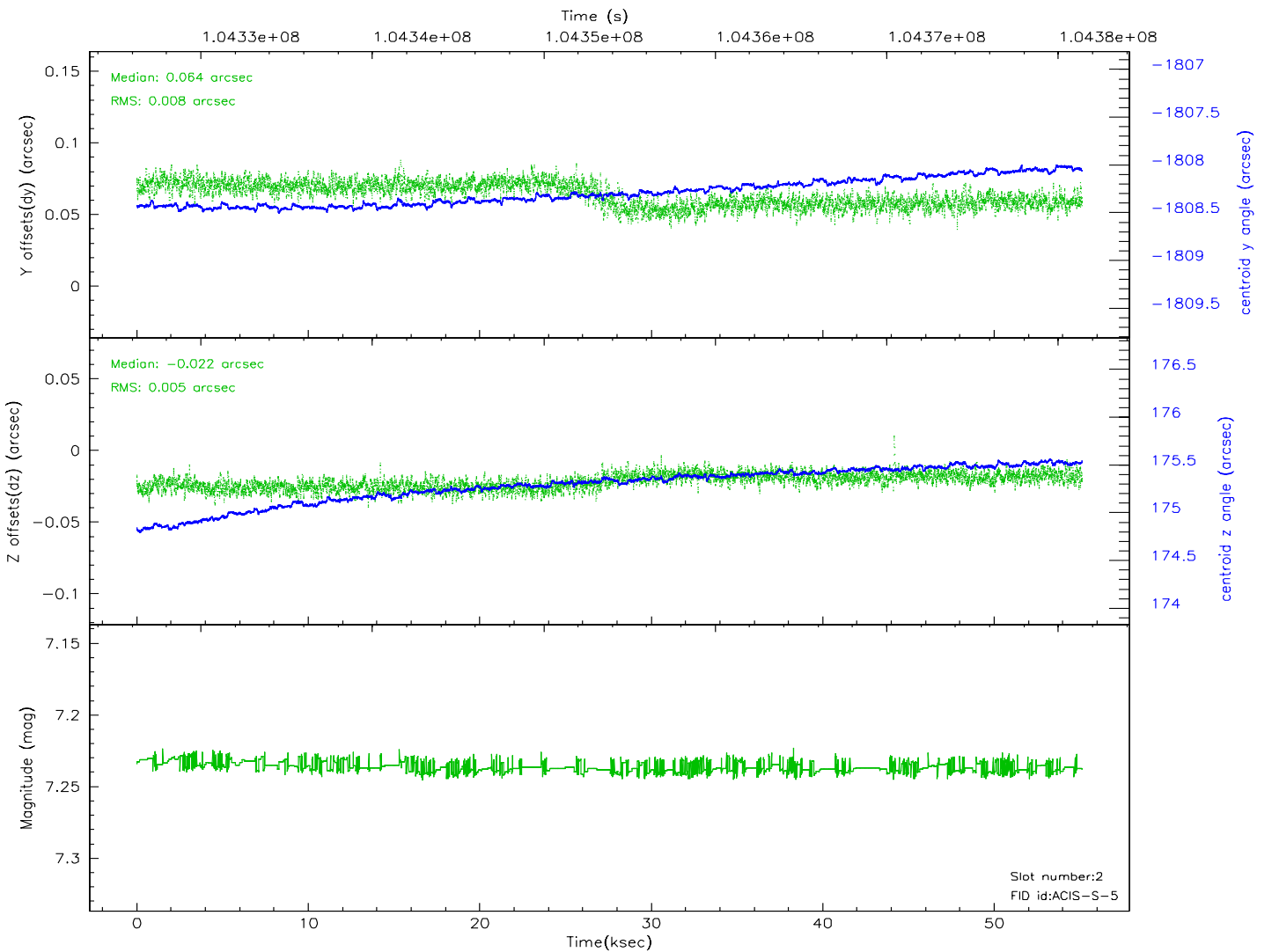
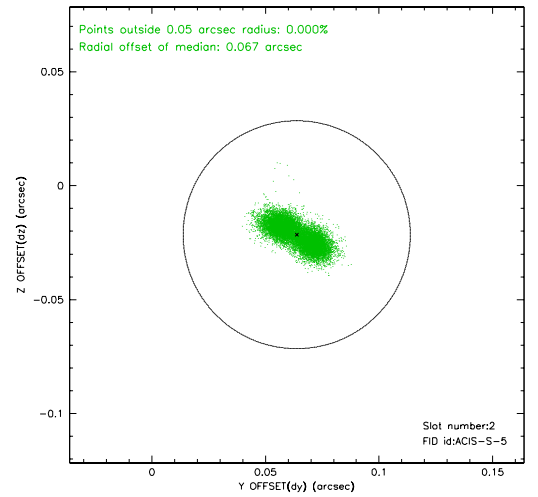
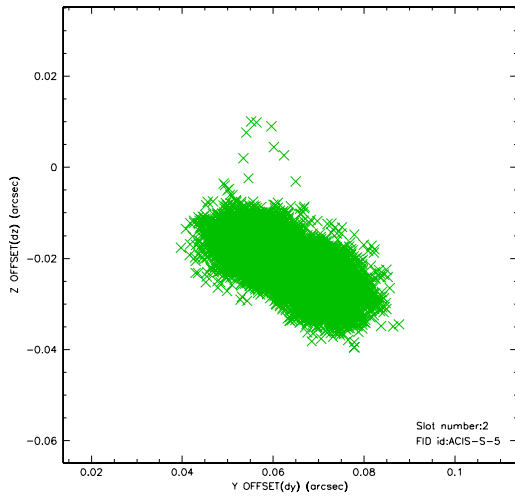
2.5.1 Slot 0



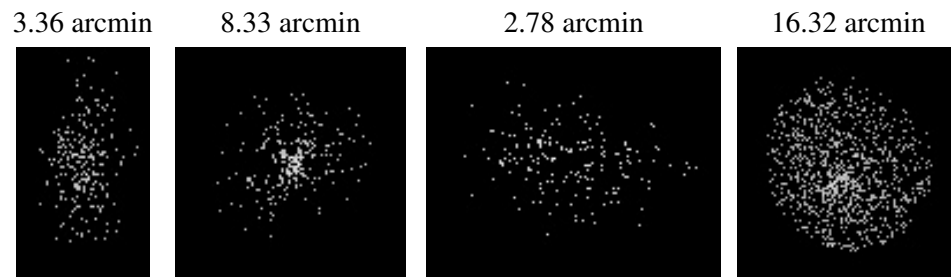
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	55.139

A.2 Comments