

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3065 - L2 Version 001
Chandra X-Ray Center

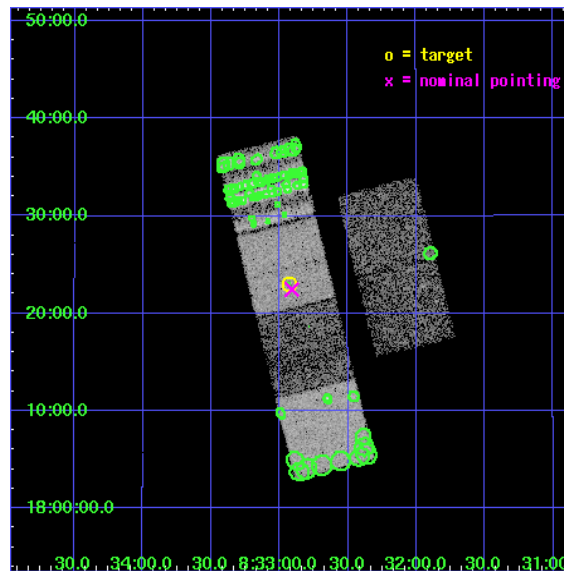
L2 Processing Date : Sep 8 2006

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1 Front

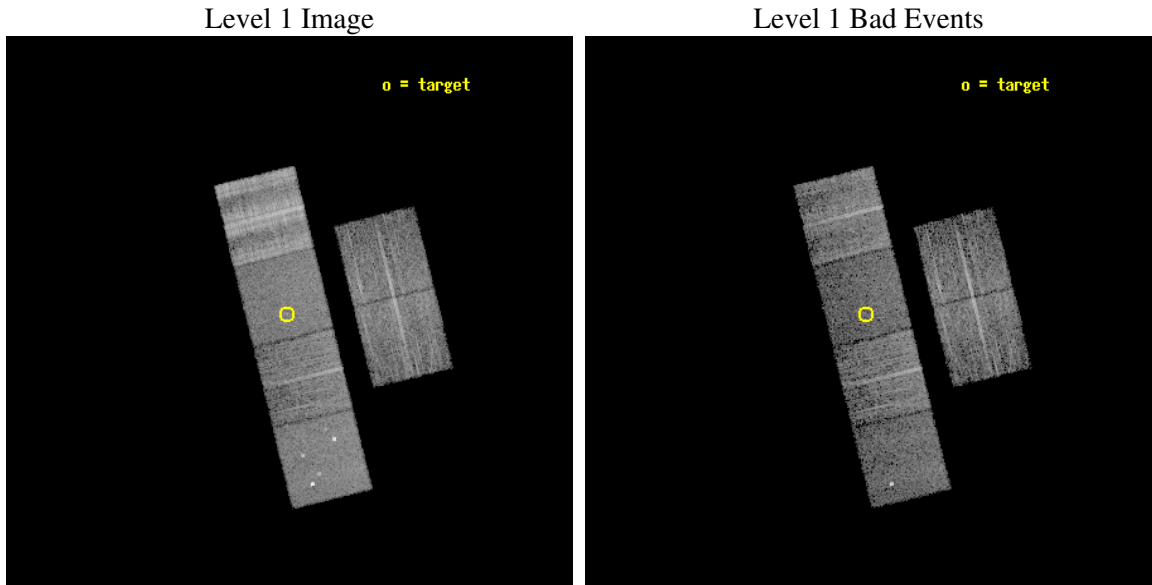
seq_num	700504
obs_id	3065
title	X-RAY WEAK BROAD-LINE QUASARS: ABSORPTION OR INTRINSIC X_RAY WEAKNESS ?
observer	Dr Guido Risaliti
object	HS 0830+1833
dtcycle	0
cycle	P
ra_targ	128.231667
dec_targ	18.383472
ra_nom	128.2275475785
dec_nom	18.374559101135
roll_nom	256.20119288164
revision	2
ontime	6476.800006032
livetime	6394.7868644949
ontime2	6473.5590158701
ontime3	6476.800006032
ontime5	6476.800006032
ontime6	6476.800006032
ontime7	6476.800006032
ontime8	6476.800006032
l2events	80727



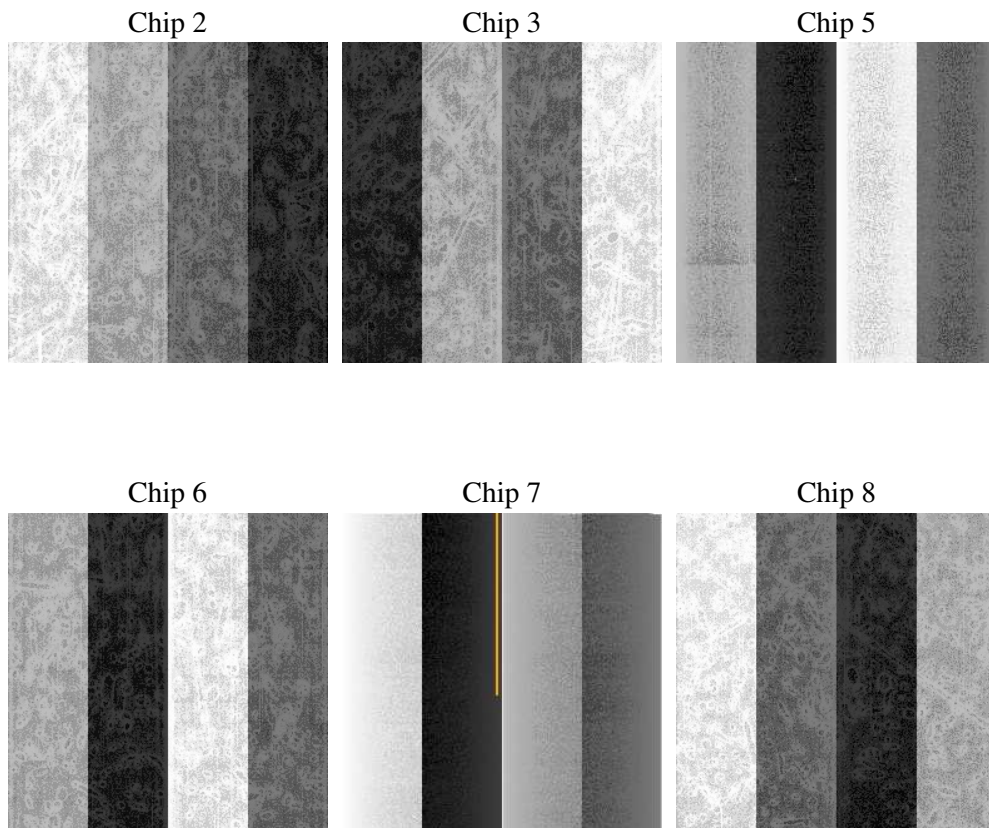
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-08T08:47:16
revision	2

sched_exp_time	6500.000000
ontime	6482.0062727034
ontime2	6478.7652626187
ontime3	6482.0062727034
ontime5	6482.0062727034
ontime6	6482.0062527806
ontime7	6482.0062727034
ontime8	6482.0062527806
l1events	364163

2.1.4 Events

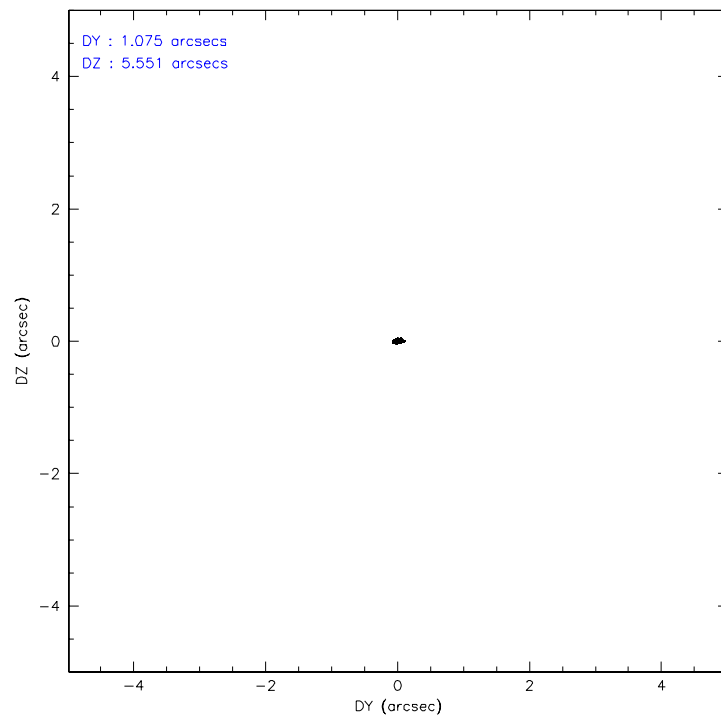
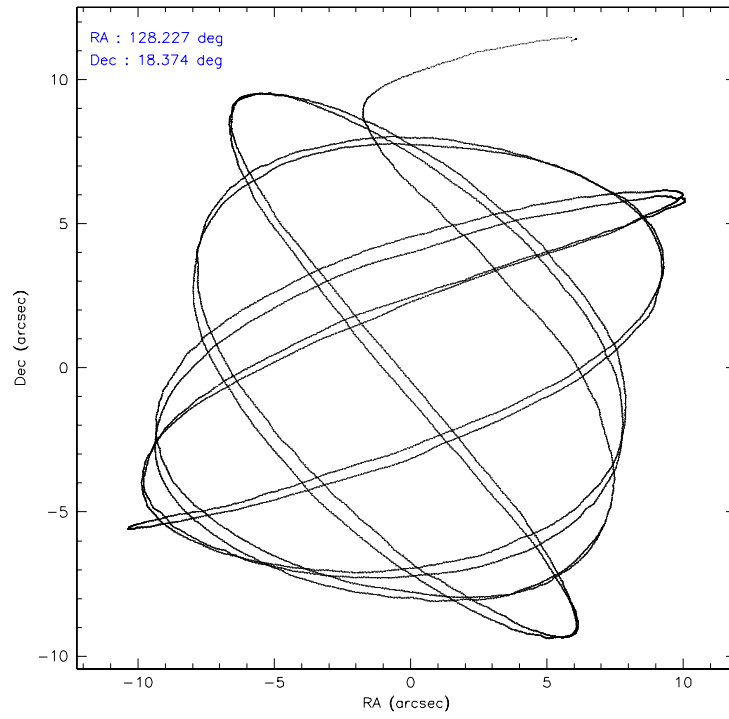
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	51424	47226	61949	51844	52807	98913
rejected events	44762	41850	34127	45722	32568	52551
rejected %	87%	88%	55%	88%	61%	53%

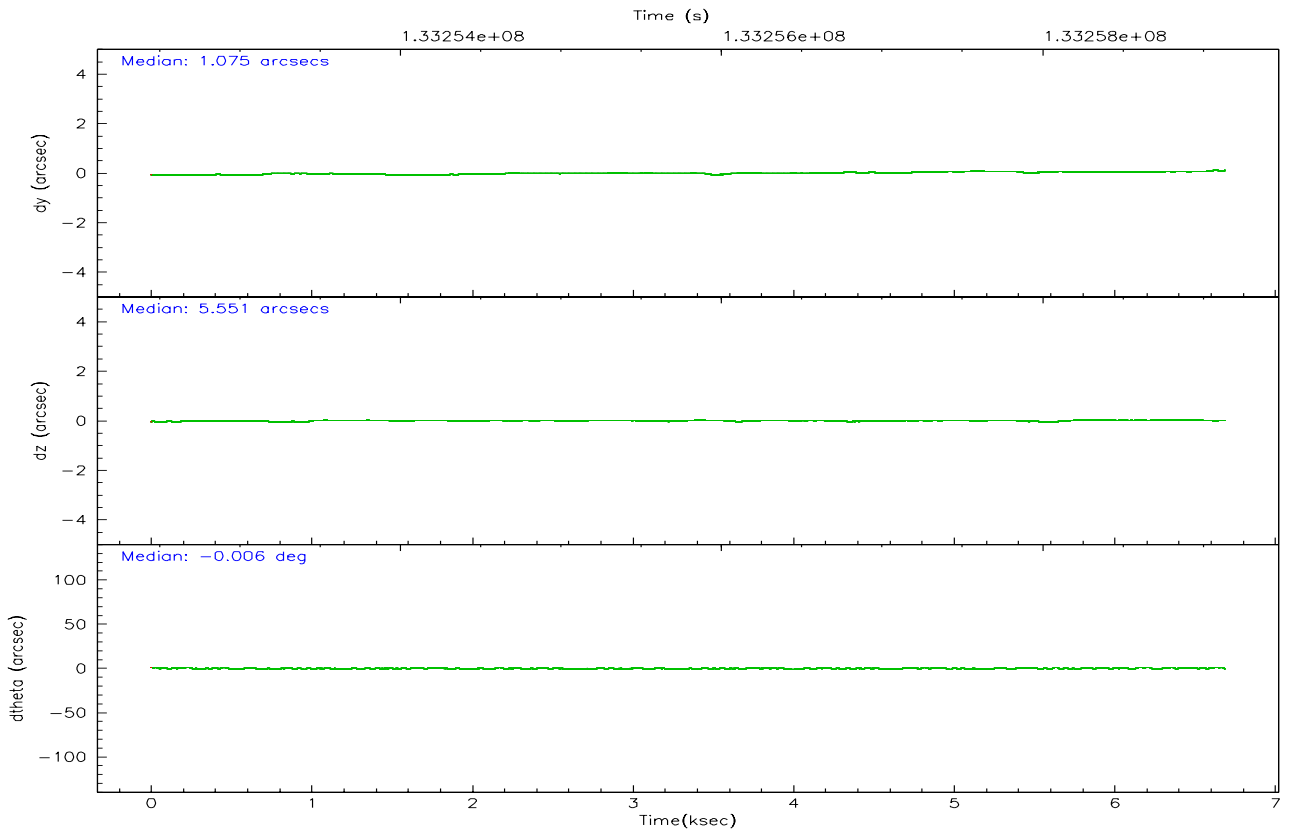
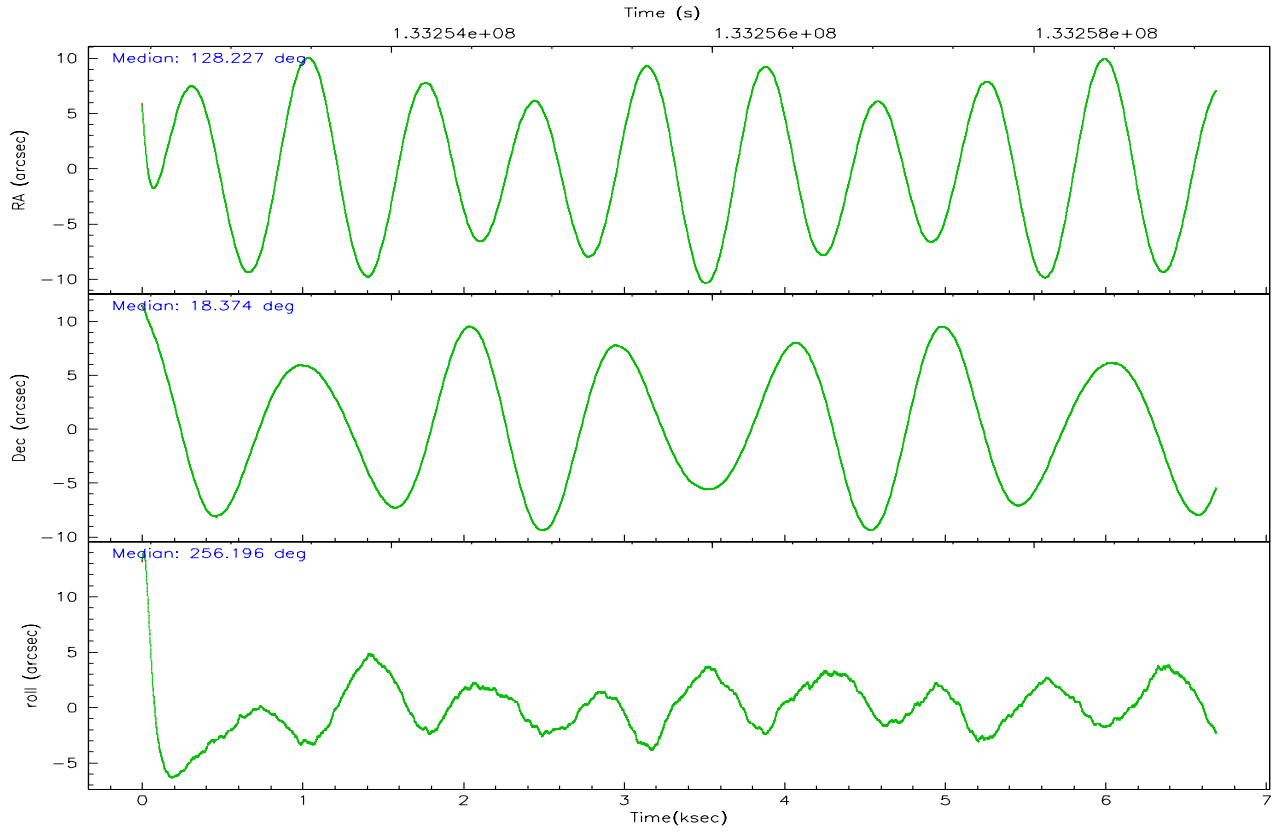
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2819	2084	3253	2339	1351	12281
	5%	4%	5%	4%	2%	12%
grade 1 events	28	15	59	16	40	100
	0%	0%	0%	0%	0%	0%
grade 2 events	1775	1353	8983	1764	5184	7924
	3%	2%	14%	3%	9%	8%
grade 3 events	418	421	771	441	1122	7342
	0%	0%	1%	0%	2%	7%
grade 4 events	555	476	741	464	1101	6514
	1%	1%	1%	0%	2%	6%
grade 5 events	1447	1541	2930	1797	3364	2770
	2%	3%	4%	3%	6%	2%
grade 6 events	1097	1044	14085	1119	11489	12316
	2%	2%	22%	2%	21%	12%
grade 7 events	43285	40292	31127	43904	29156	49666
	84%	85%	50%	84%	55%	50%

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	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	128.219164	128.2275475784986	Alternating exposures requested	N	N
Pointing Dec	18.400673	18.37455910113536	Primary exposure time	0.000000	3.2
Pointing Roll	256.047164	256.2011928816353			
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	133252635.184000	133251666.32015			
Observation start date	2002-03-23T06:36:11	2002-03-23T06:21:06			
Observation end time	133259135.184000	133259498.34547			
Observation end date	2002-03-23T08:24:31	2002-03-23T08:31:38			
Read mode	TIMED	TIMED			

2.3 Aspect



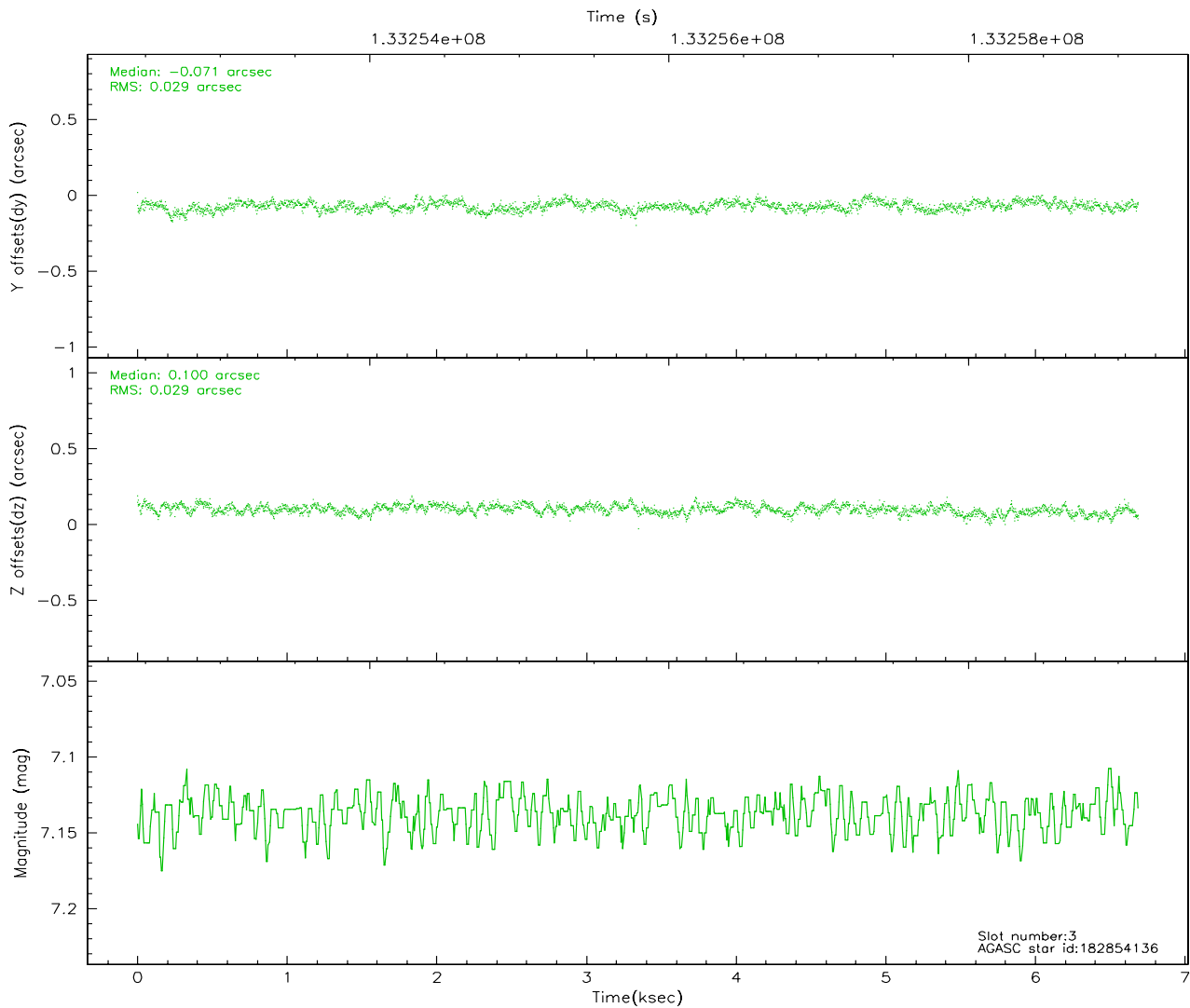
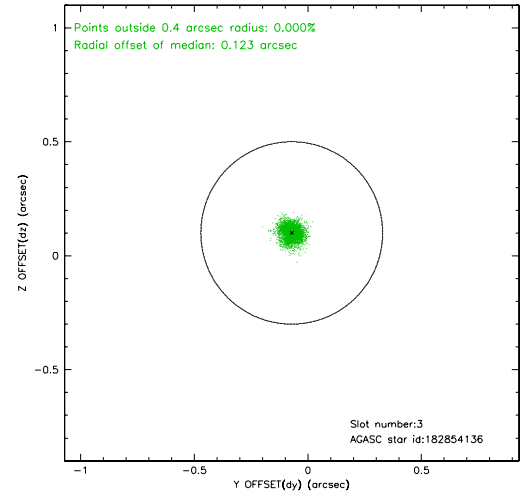
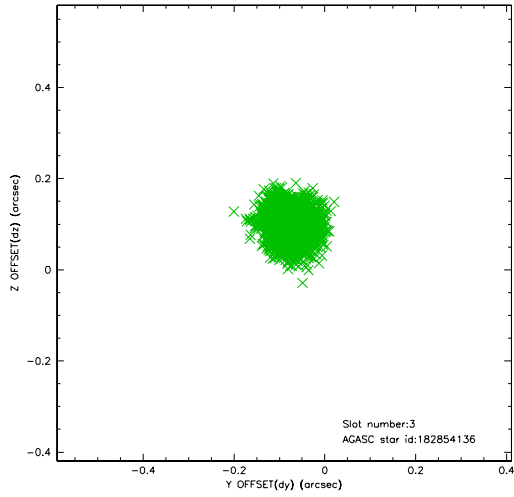


Slot Statistics

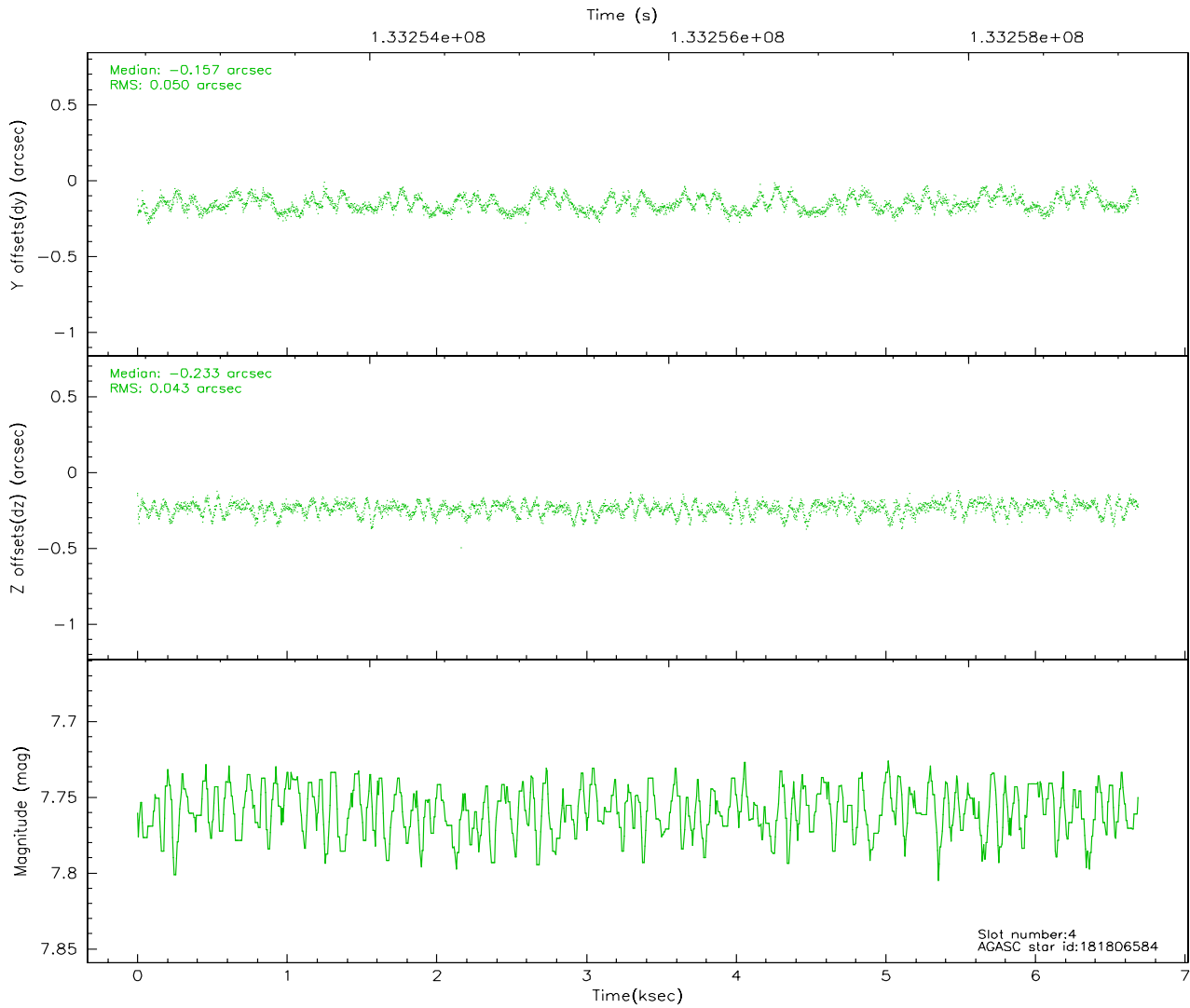
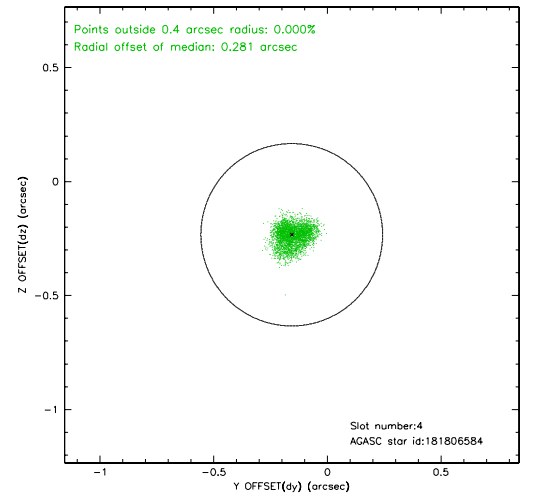
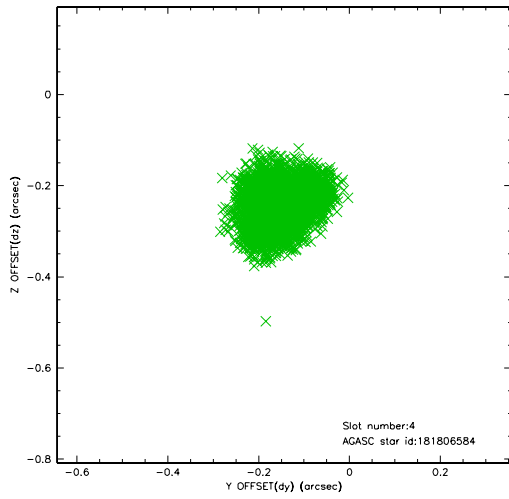
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	1632	-0.053	0.013	0.010	0.022	0.000000	0.000000	-753.67	-1726.63
1	FID	ACIS-S-4	7.21	1631	-0.015	0.022	0.010	0.037	0.000000	0.000000	2159.20	181.04
2	FID	ACIS-S-5	7.24	1631	0.038	-0.027	0.010	0.025	0.000000	0.000000	-1805.35	175.55
3	GUIDE	182854136	7.14	3263	-0.071	0.100	0.044	0.070	128.597165	18.397631	-303.07	1256.09
4	GUIDE	181806584	7.76	3264	-0.157	-0.233	0.072	0.109	127.751958	18.968379	-1602.93	-2036.45
5	GUIDE	181806456	8.32	3264	-0.201	-0.084	0.067	0.105	127.629228	18.942971	-1414.92	-2421.36
6	GUIDE	181278800	9.05	3263	0.180	0.045	0.076	0.124	127.785322	17.937491	1973.83	-1040.47
7	GUIDE	182846992	9.23	3261	0.248	0.181	0.071	0.114	128.505230	17.811144	1822.44	1463.68

2.4 Star Slots

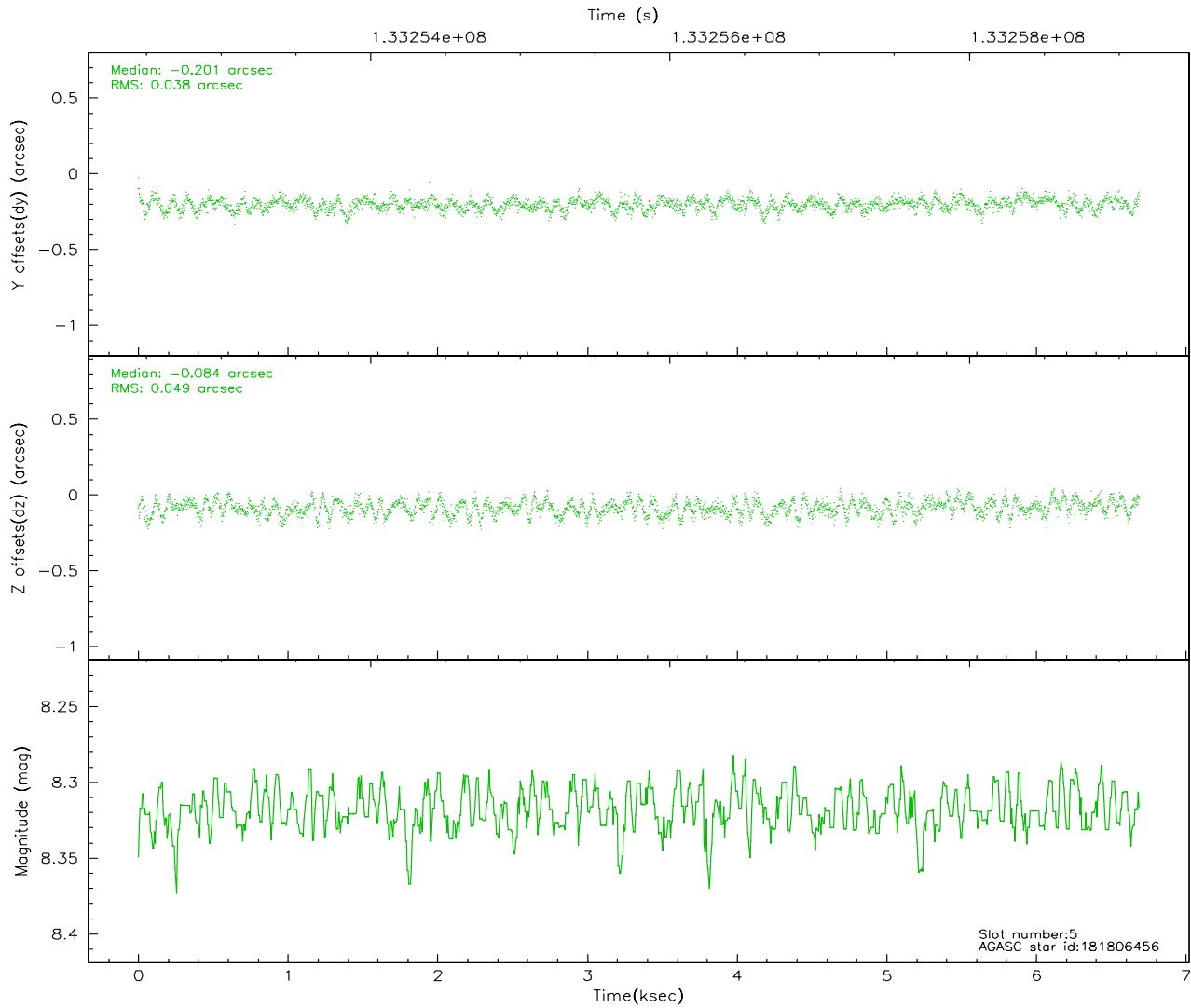
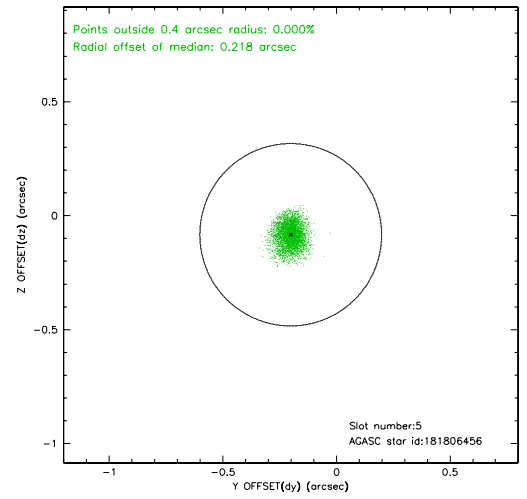
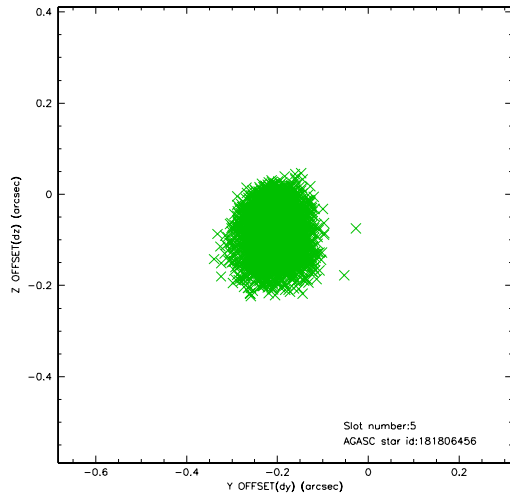
2.4.1 Slot 3



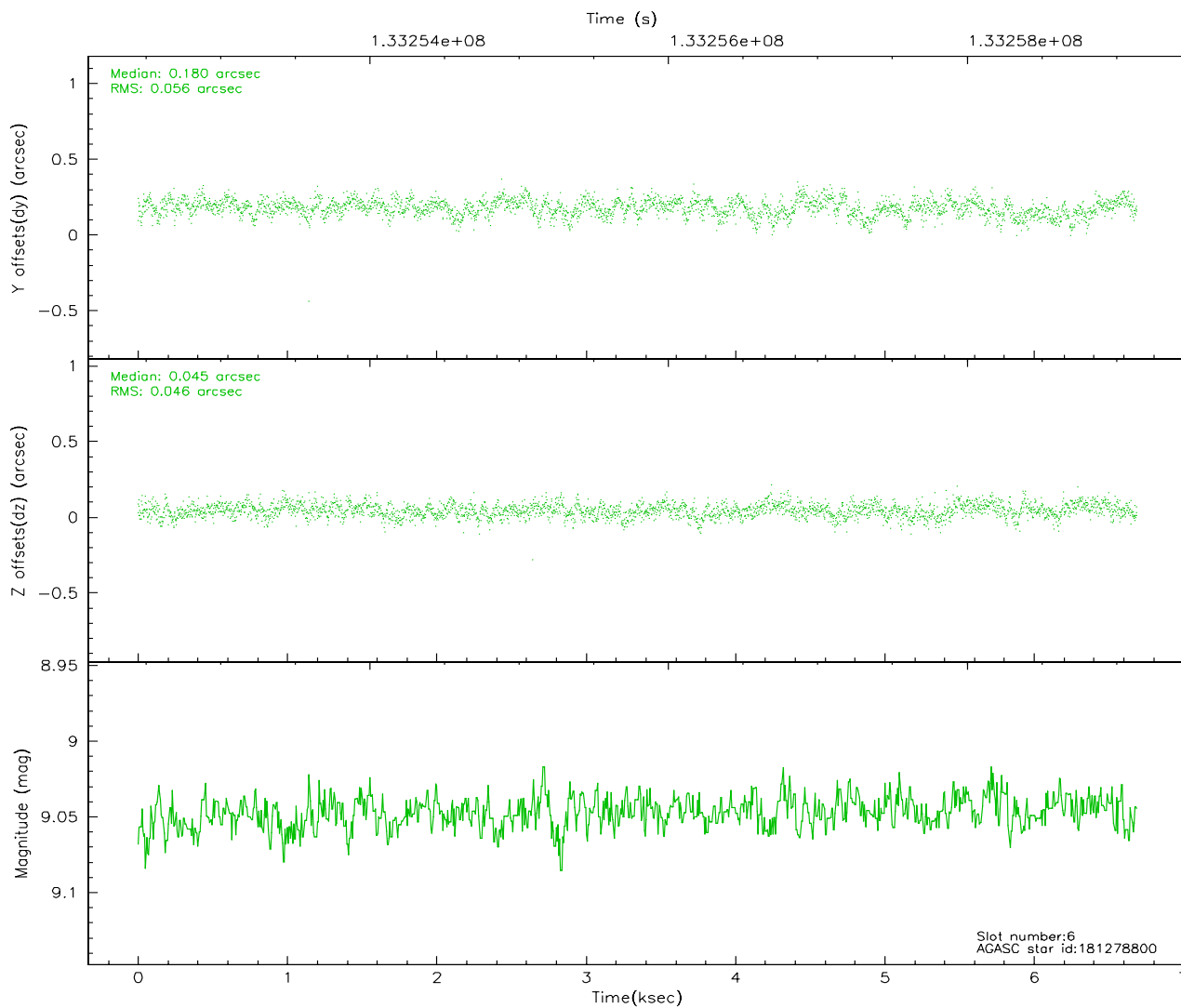
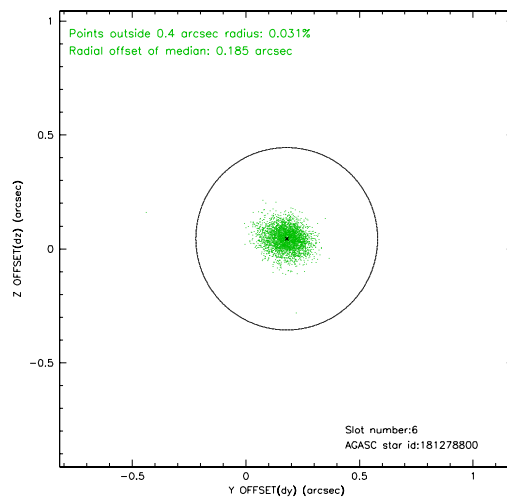
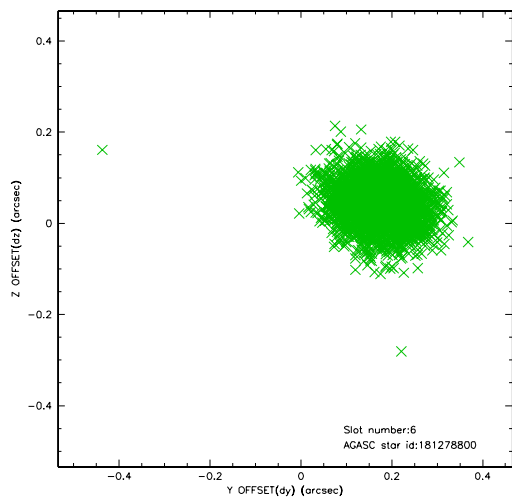
2.4.2 Slot 4



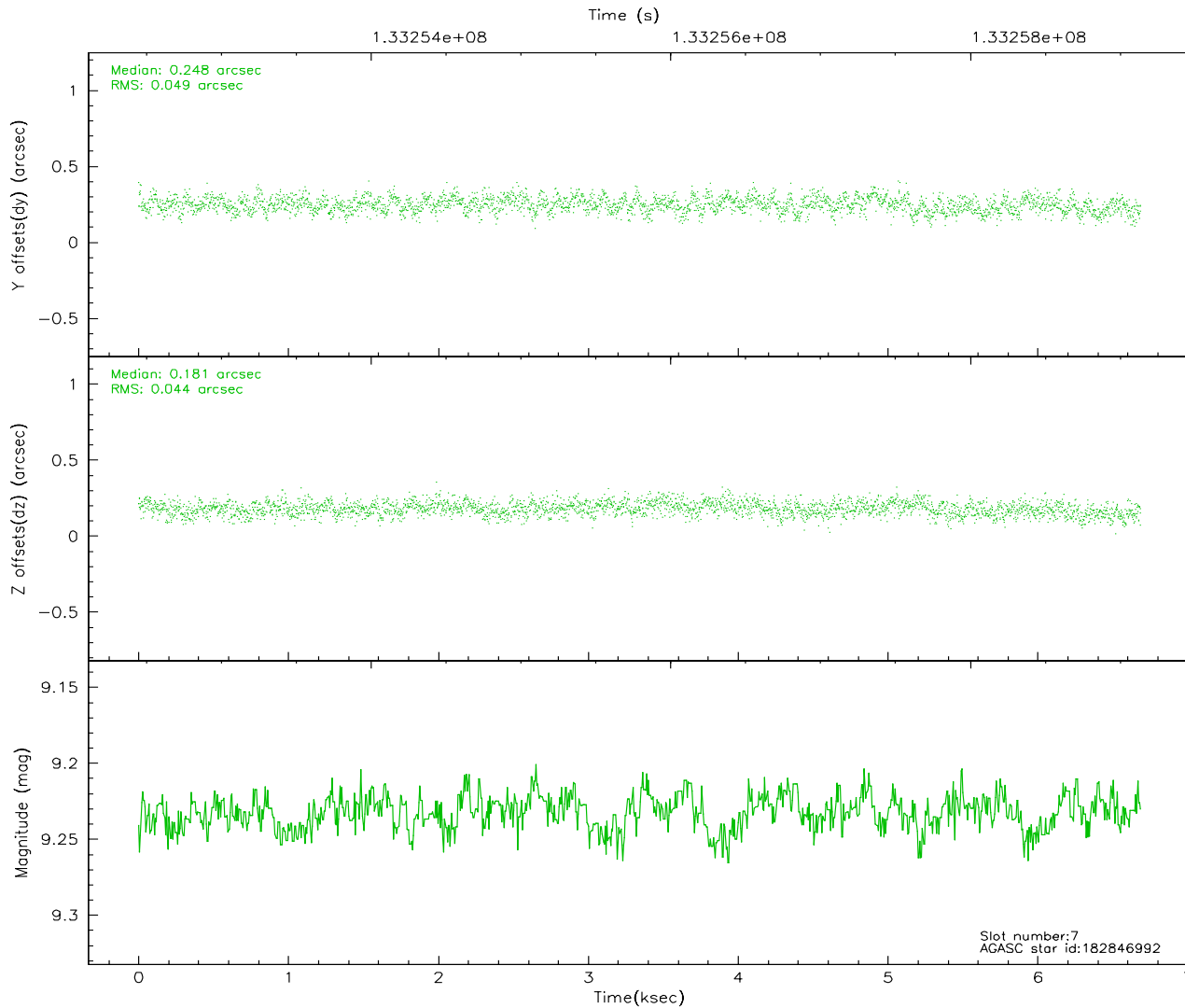
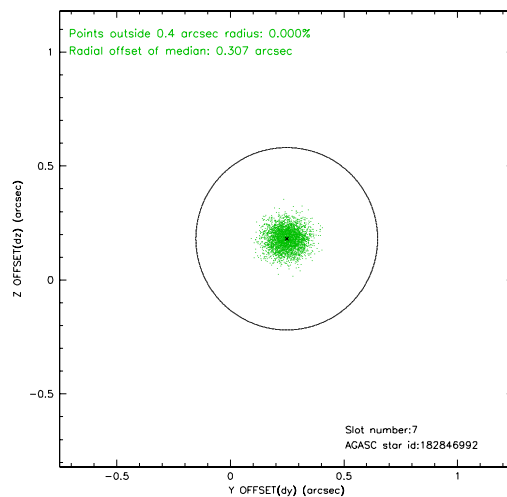
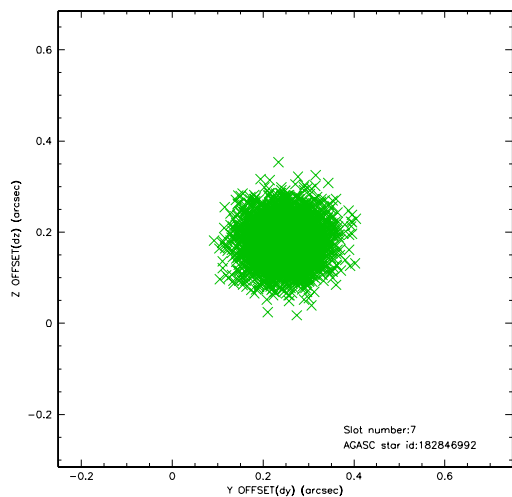
2.4.3 Slot 5



2.4.4 Slot 6

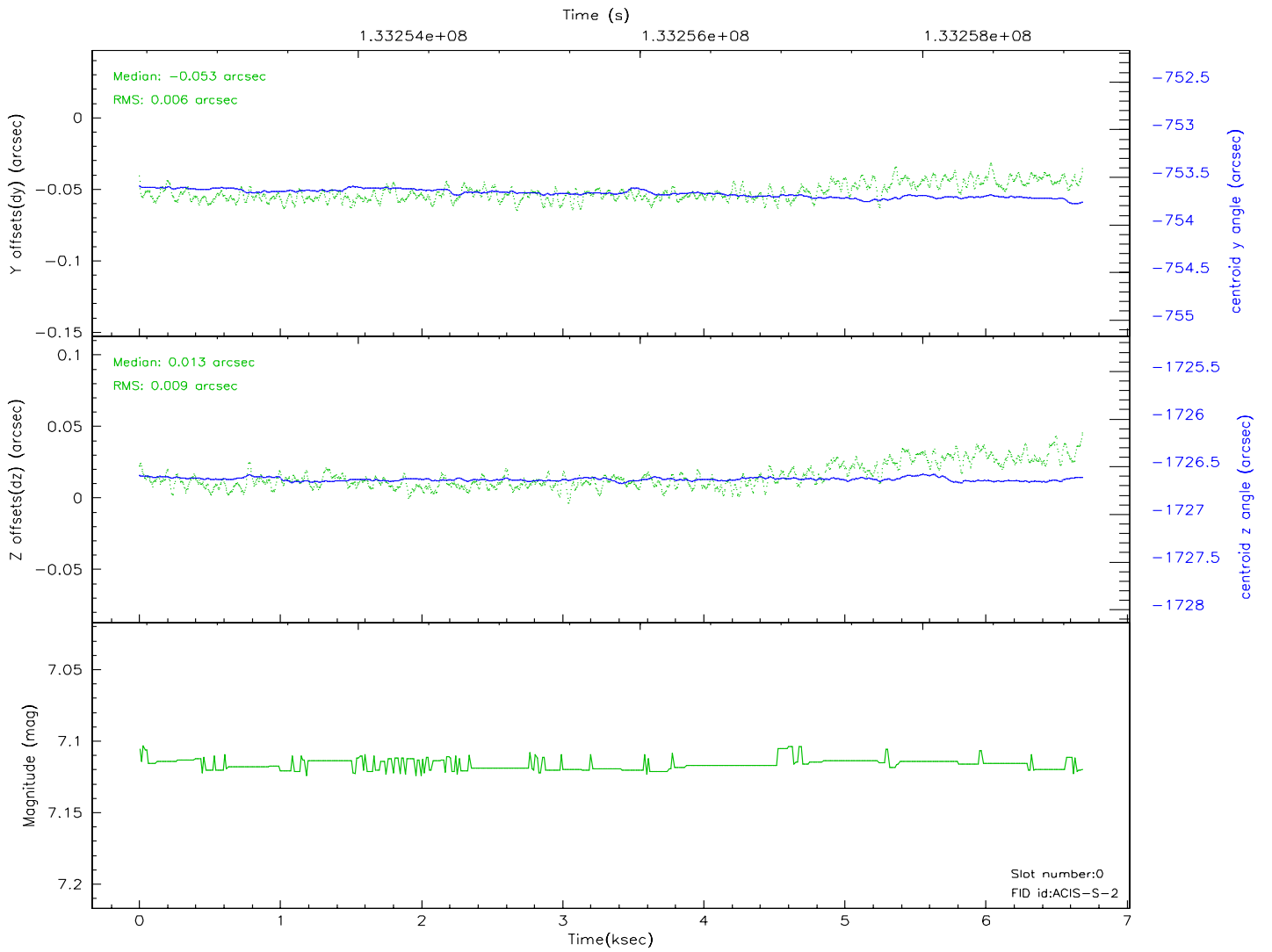
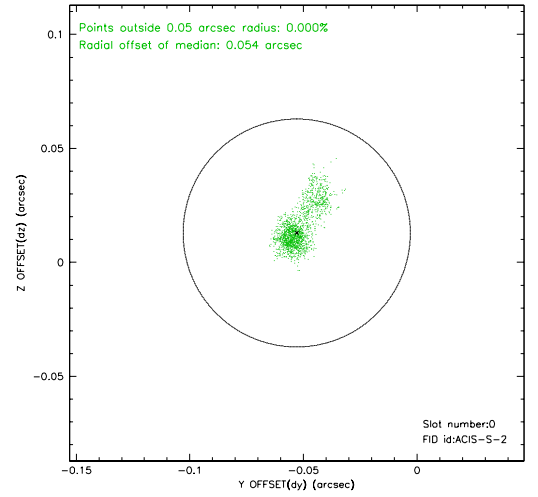
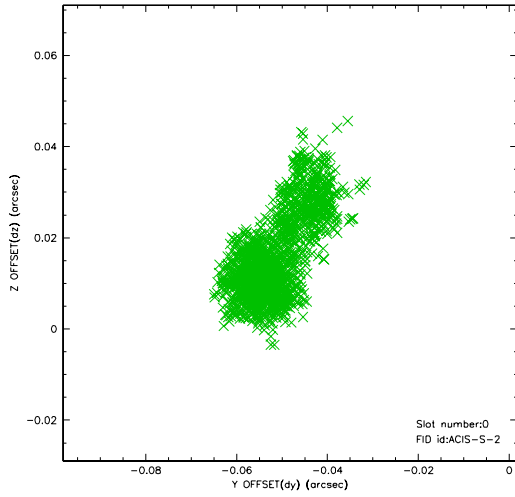


2.4.5 Slot 7

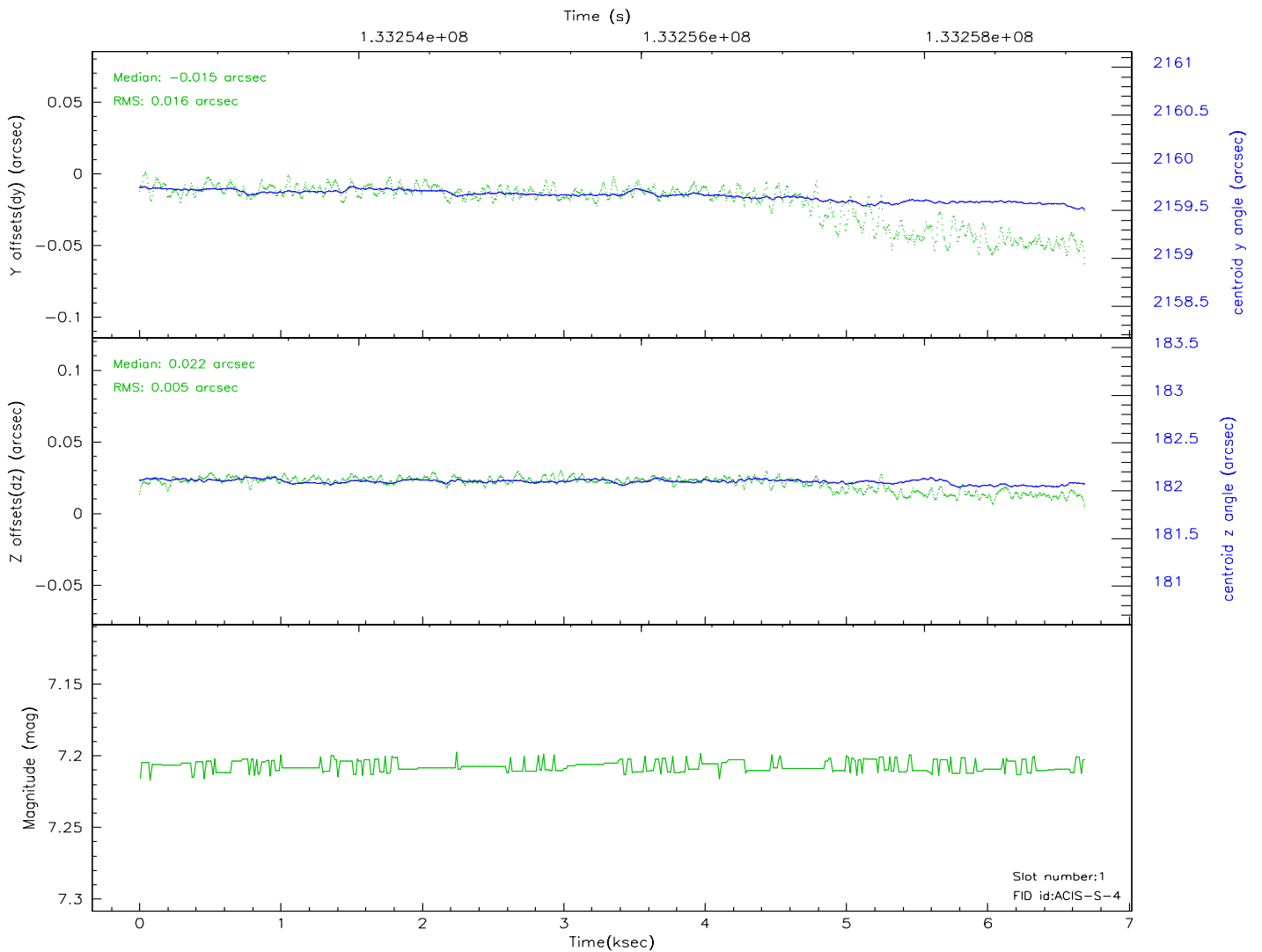
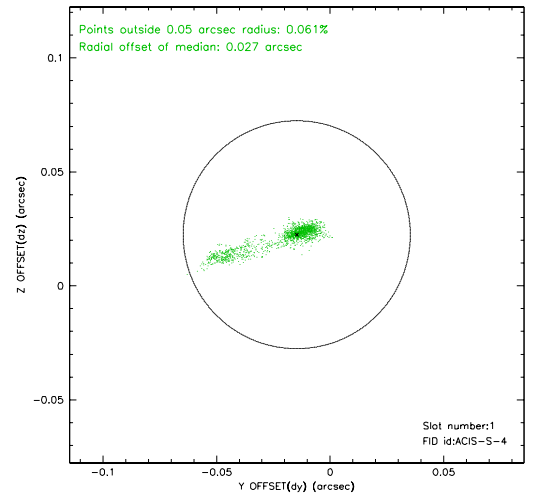
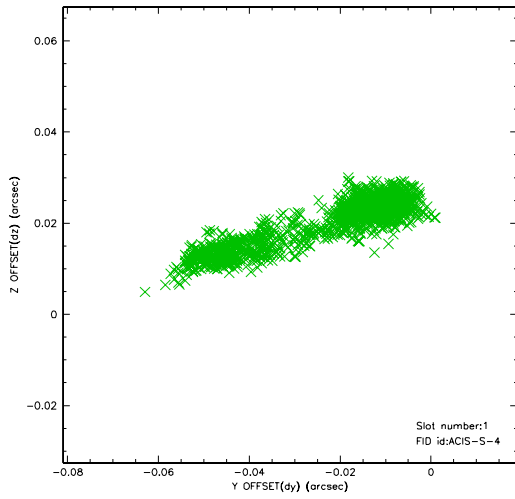


2.5 FID Slots

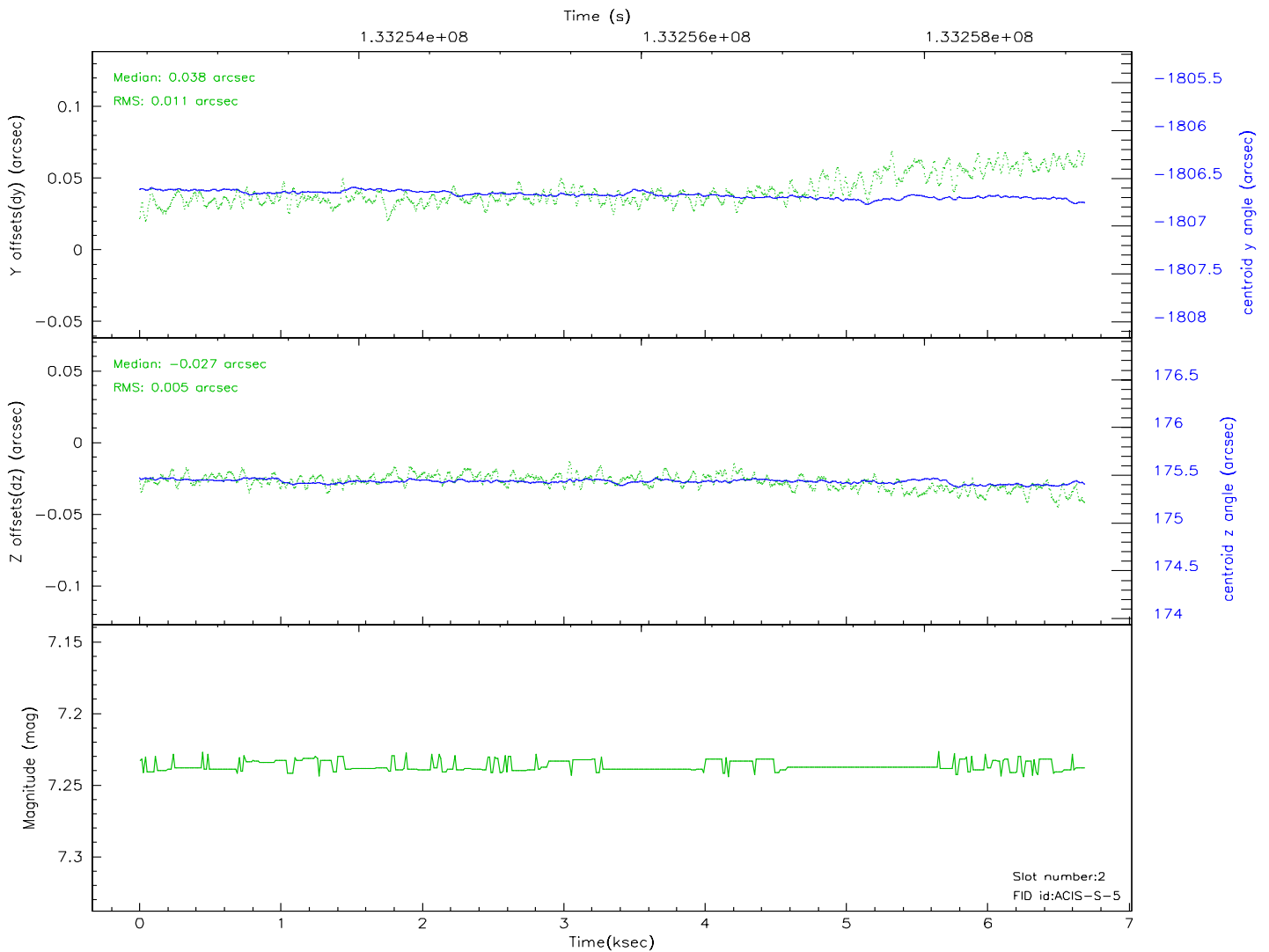
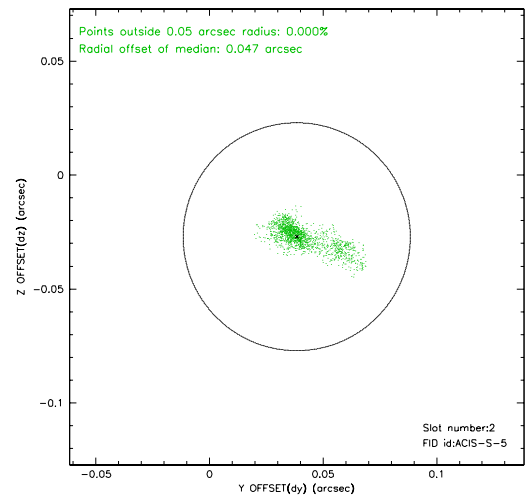
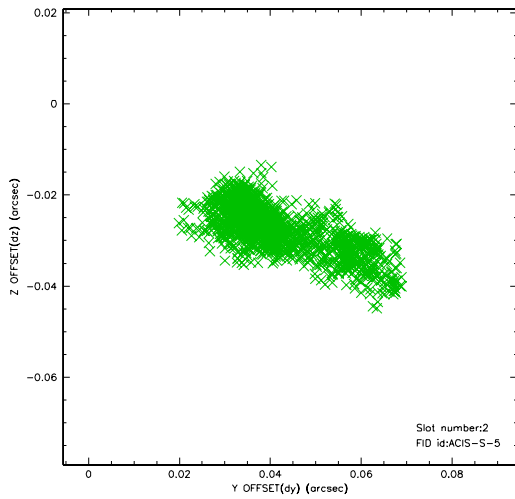
2.5.1 Slot 0



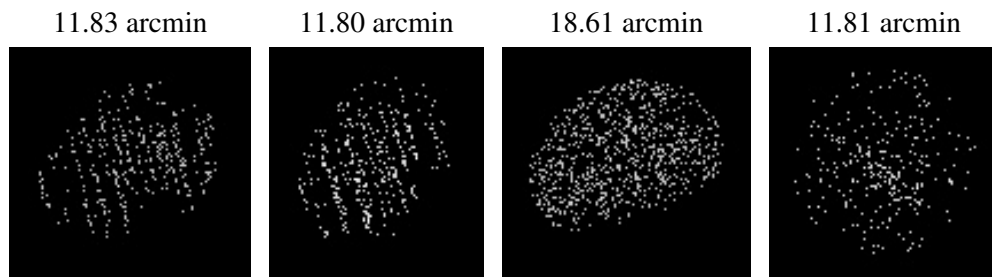
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.476

A.2 Comments