

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5387 - L2 Version 002
Chandra X-Ray Center

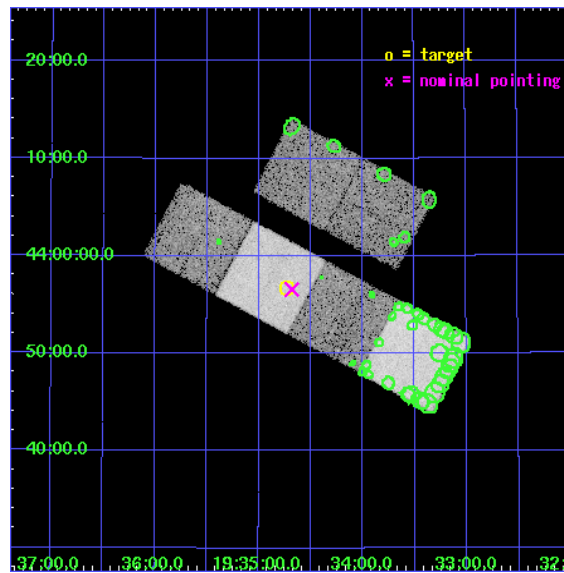
L2 Processing Date : Mar 19 2006

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1 Front

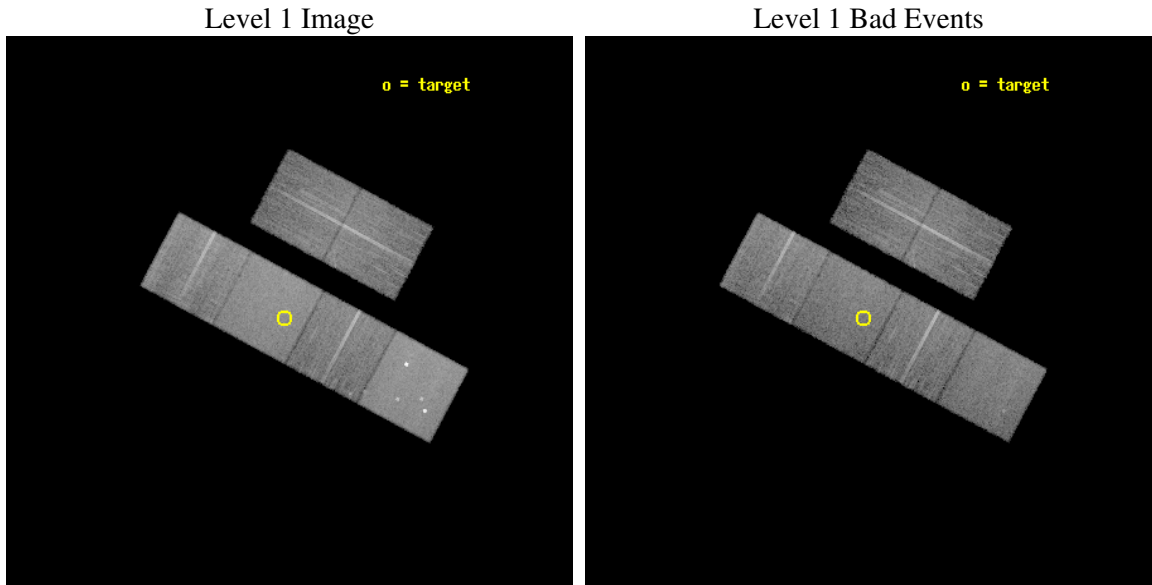
seq_num	200322
obs_id	5387
title	The puzzle of X-ray emission from magnetic stars without convective envelopes
observer	Prof. J rgen Schmitt
object	HD 184905
dtcycle	0
cycle	P
ra_targ	293.682917
dec_targ	43.945861
ra_nom	293.67016995637
dec_nom	43.942883561194
roll_nom	208.14893649421
revision	2
ontime	15155.199943542
livetime	14963.295676492
ontime2	15155.199943542
ontime3	15155.199943542
ontime5	15155.199943542
ontime6	15155.199943542
ontime7	15155.199943542
ontime8	15155.199943542
l2events	167615



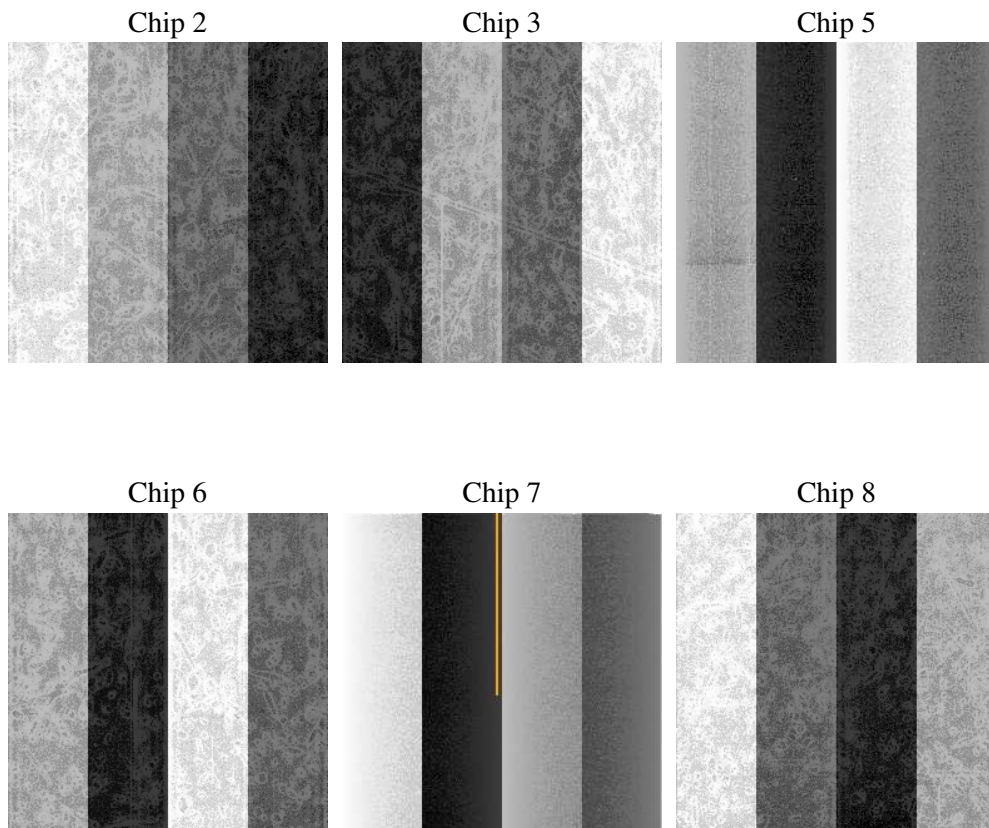
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-19T04:02:10
revision	2

sched_exp_time	15000.000000
ontime	15281.36286068
ontime2	15281.36286068
ontime3	15281.36286068
ontime5	15281.36286068
ontime6	15281.36286068
ontime7	15281.36286068
ontime8	15281.36286068
llevnts	776262

2.1.4 Events

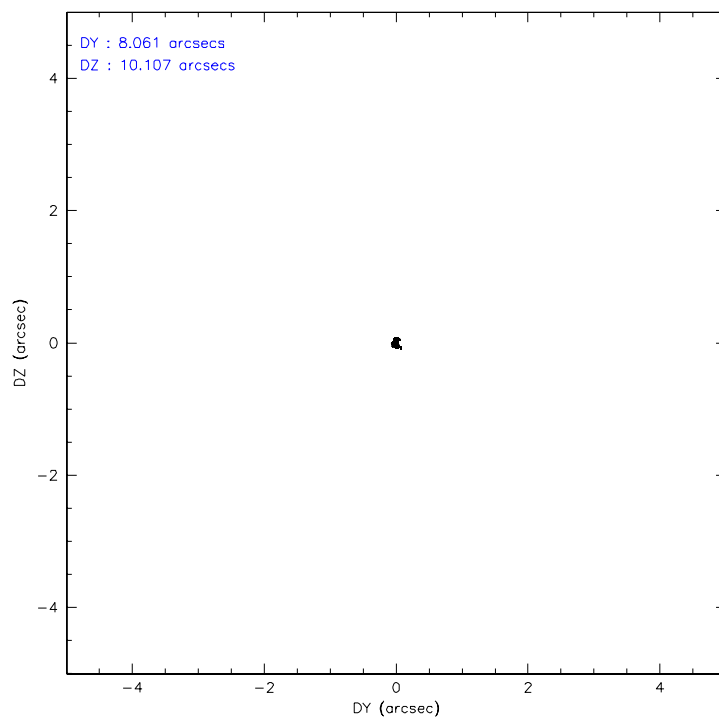
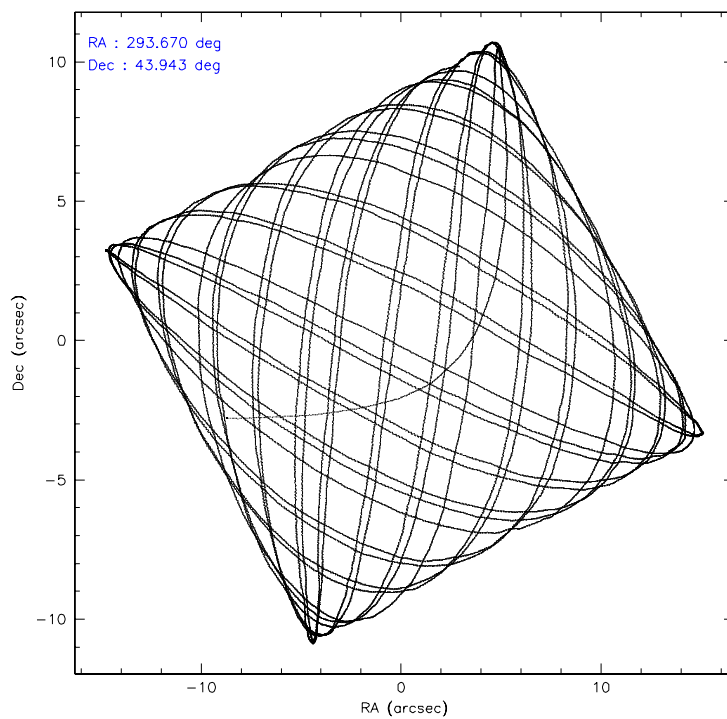
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	109303	101314	168587	108987	149081	138990
rejected events	96830	88851	91605	95639	93408	110145
rejected %	88%	87%	54%	87%	62%	79%

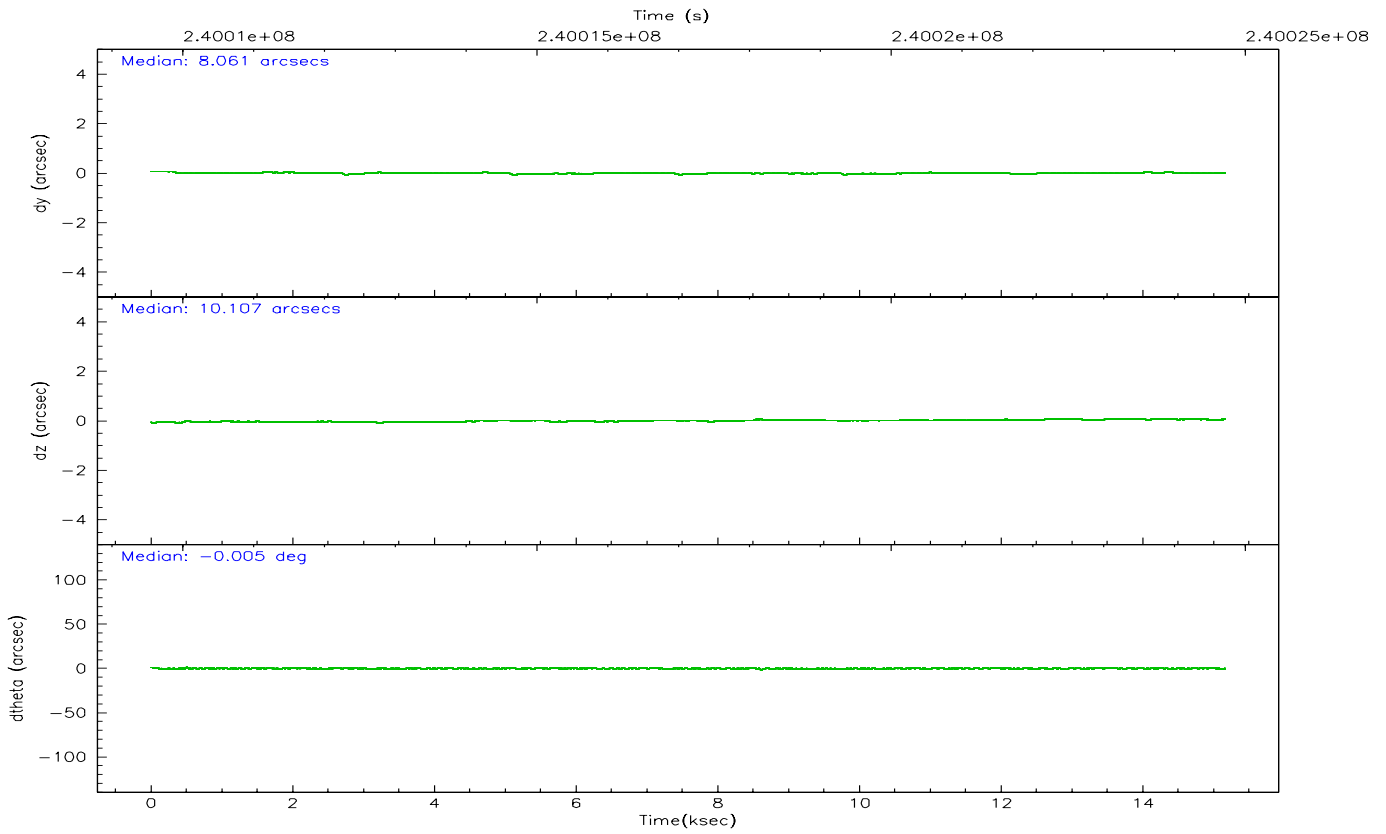
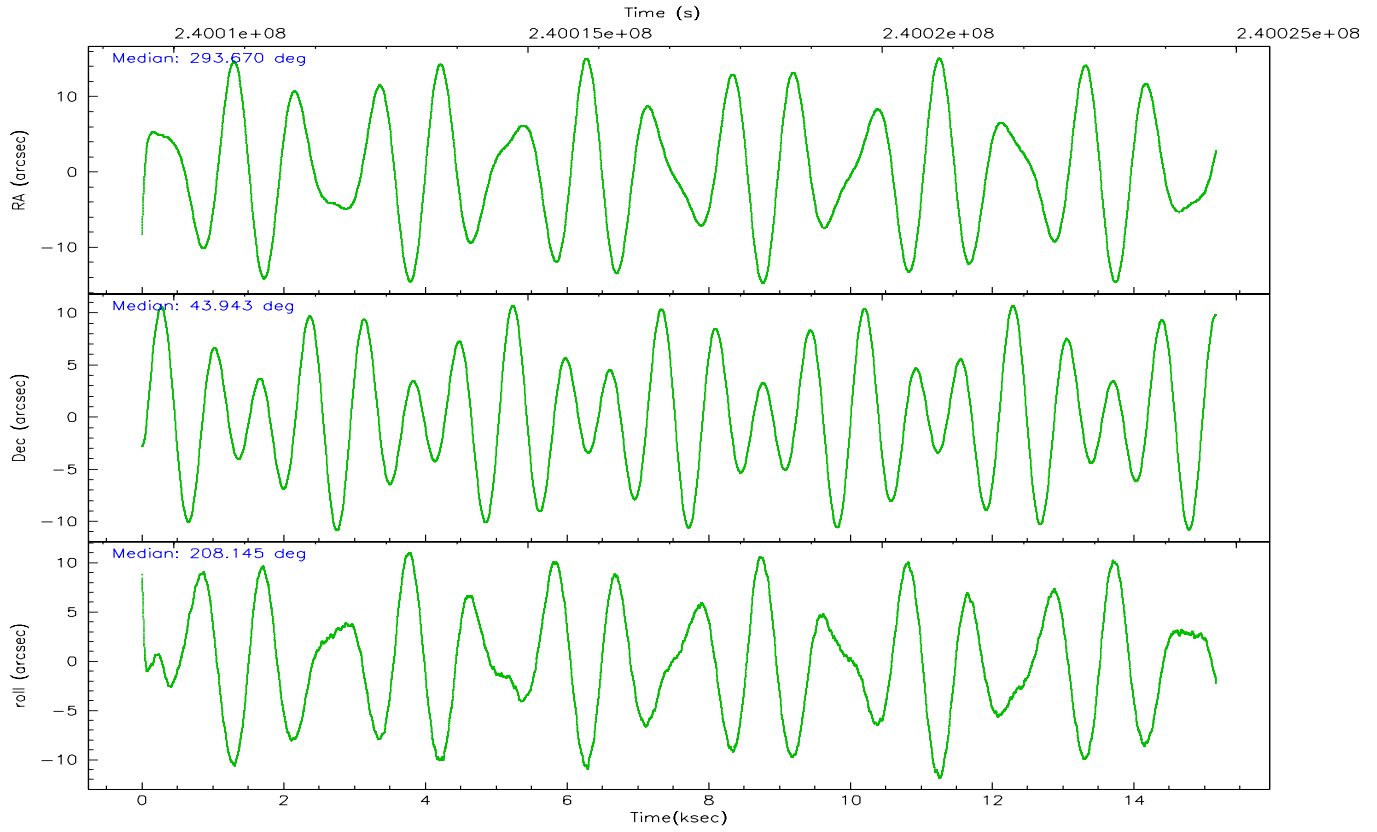
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	5580	5376	10206	5363	3138	9179
	5%	5%	6%	4%	2%	6%
grade 1 events	59	71	343	38	98	102
	0%	0%	0%	0%	0%	0%
grade 2 events	2525	2420	23294	2846	13963	6395
	2%	2%	13%	2%	9%	4%
grade 3 events	1179	1221	1545	1264	2765	2986
	1%	1%	0%	1%	1%	2%
grade 4 events	1120	1268	1516	1246	2721	2707
	1%	1%	0%	1%	1%	1%
grade 5 events	4306	4995	7697	5154	9854	6719
	3%	4%	4%	4%	6%	4%
grade 6 events	2165	2295	41071	2756	33549	7879
	1%	2%	24%	2%	22%	5%
grade 7 events	92369	83668	82915	90320	82993	103023
	84%	82%	49%	82%	55%	74%

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	293.689676	293.6701699563671	Alternating exposures requested	N	N
Pointing Dec	43.966185	43.94288356119446	Primary exposure time	0.000000	3.2
Pointing Roll	207.978761	208.1489364942119			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.145094680475			
SIM translation stage offset (mm)	0	0.01257209746719923			
Observation start time	240009715.184000	240008450.32967			
Observation start date	2005-08-09T21:20:51	2005-08-09T21:00:50			
Observation end time	240024715.184000	240026305.31798			
Observation end date	2005-08-10T01:30:51	2005-08-10T01:58:25			
Read mode	TIMED	TIMED			

2.3 Aspect



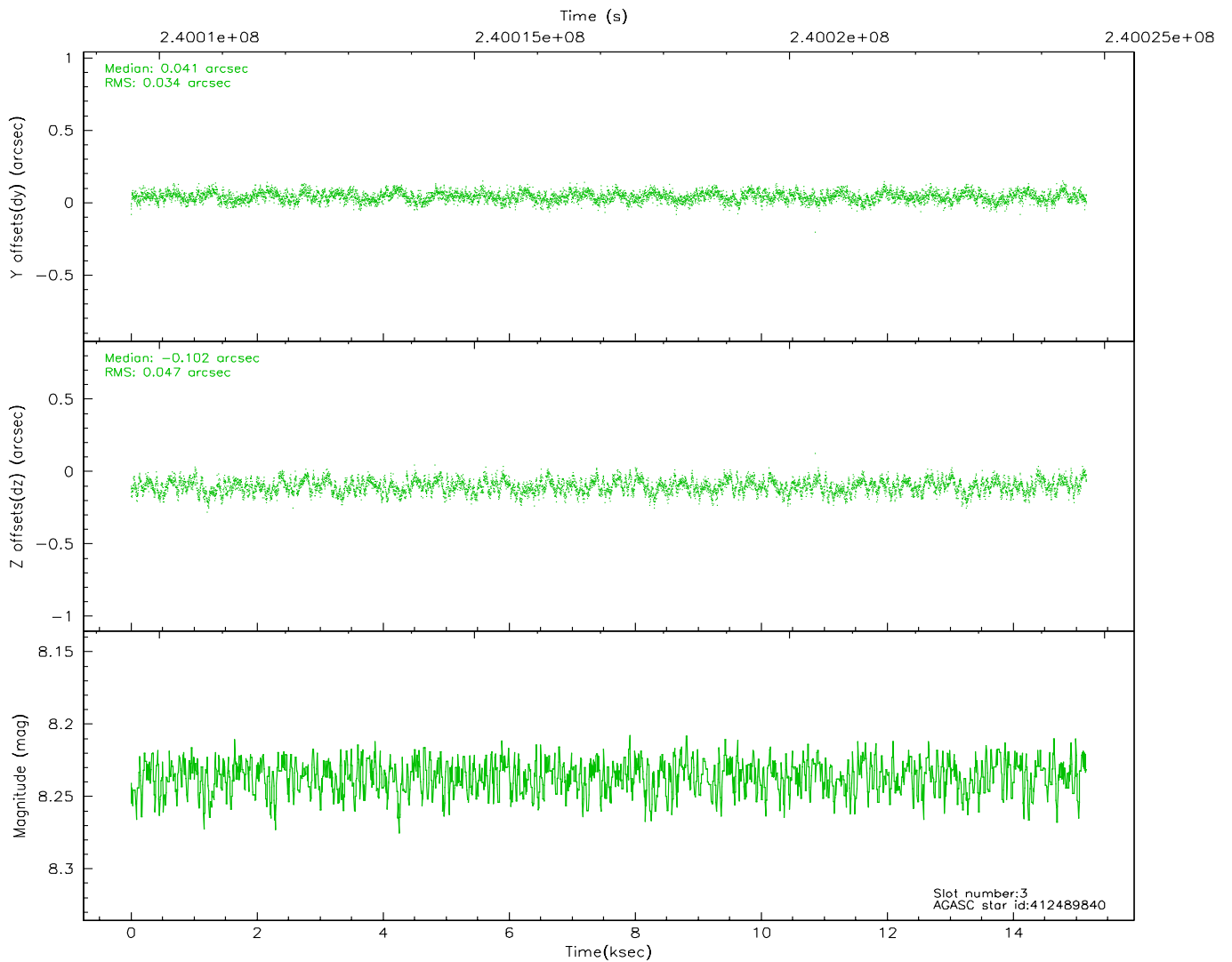
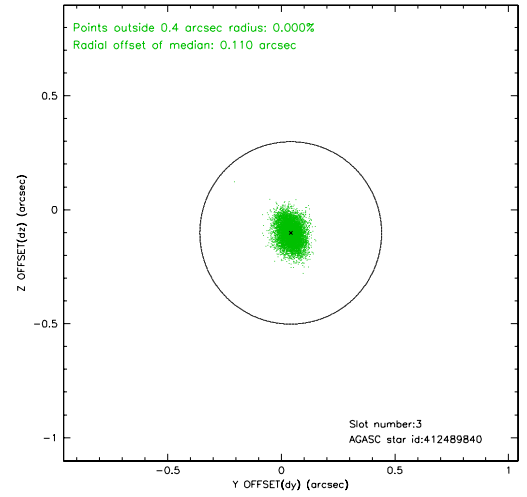
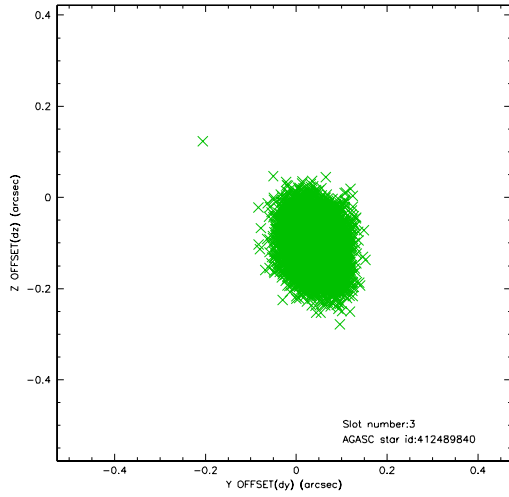


Slot Statistics

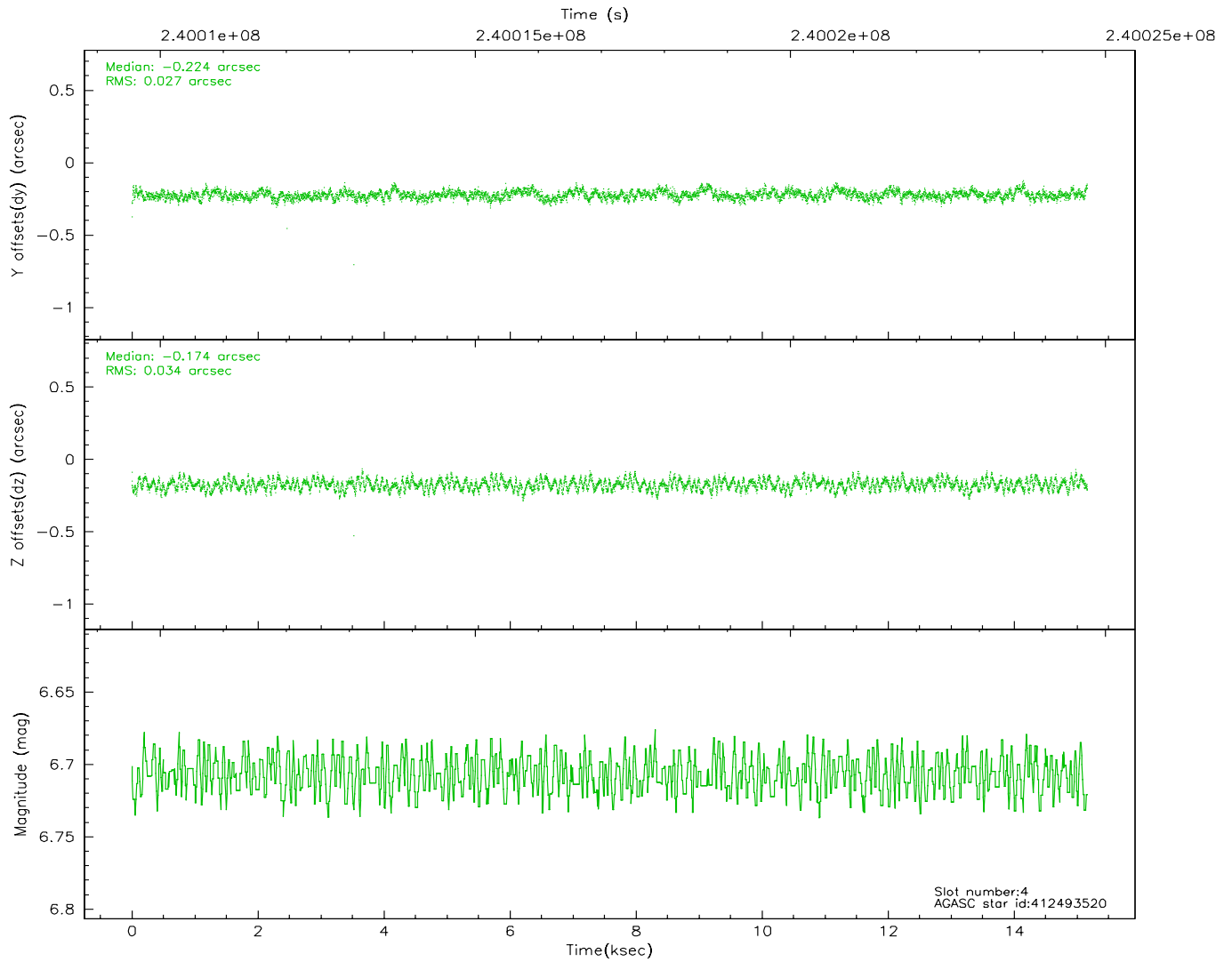
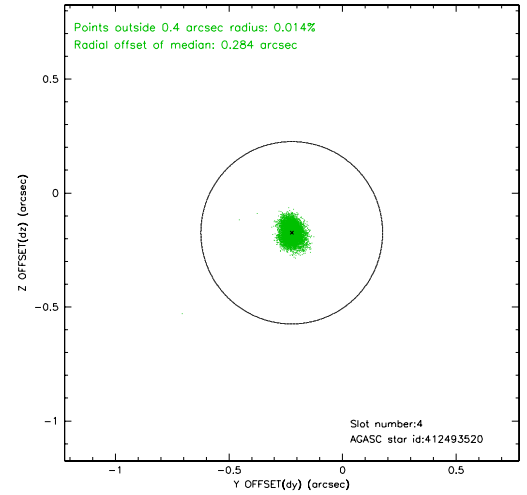
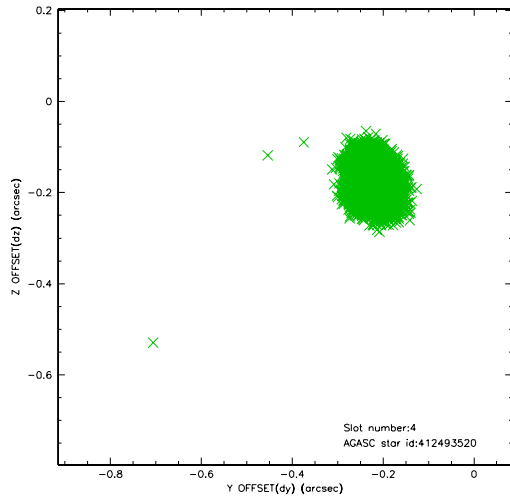
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3697	-0.032	-0.007	0.007	0.011	0.000000	0.000000	-760.83	-1731.28
1	FID	ACIS-S-4	7.21	3698	0.083	0.018	0.005	0.009	0.000000	0.000000	2152.38	176.99
2	FID	ACIS-S-5	7.24	3699	-0.082	-0.002	0.006	0.010	0.000000	0.000000	-1813.38	170.88
3	GUIDE	412489840	8.24	7397	0.041	-0.102	0.062	0.100	294.232566	43.529806	-516.43	2048.10
4	GUIDE	412493520	6.71	7396	-0.224	-0.174	0.046	0.074	293.199761	43.432035	2031.32	1094.45
5	GUIDE	412490912	7.95	7395	-0.042	0.127	0.057	0.090	292.738445	43.844947	2379.73	-785.13
6	GUIDE	412488744	8.73	7380	0.088	0.014	0.076	0.122	293.915642	44.528560	-1461.70	-1516.55
7	GUIDE	412491344	9.41	7390	0.138	0.133	0.079	0.128	294.396054	44.414730	-2365.21	-580.80

2.4 Star Slots

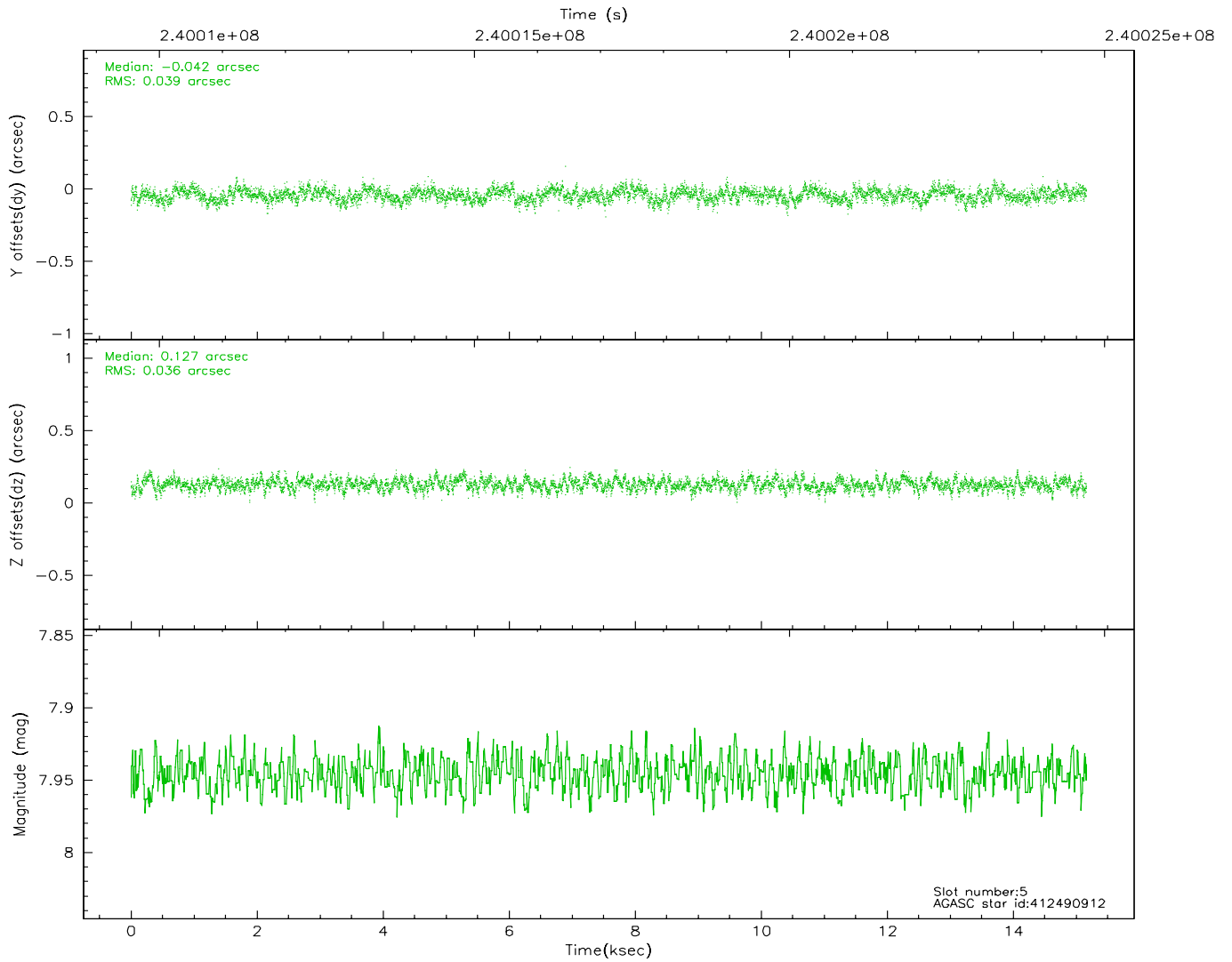
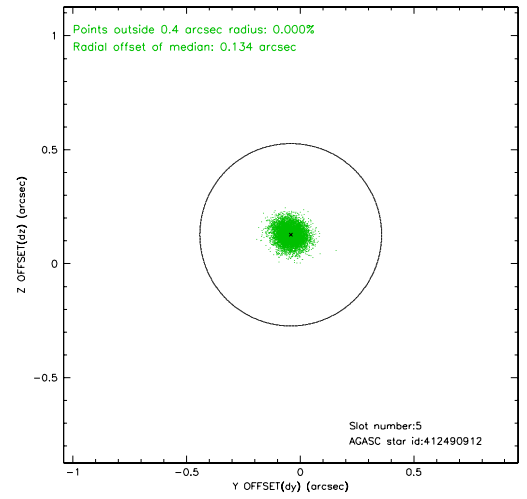
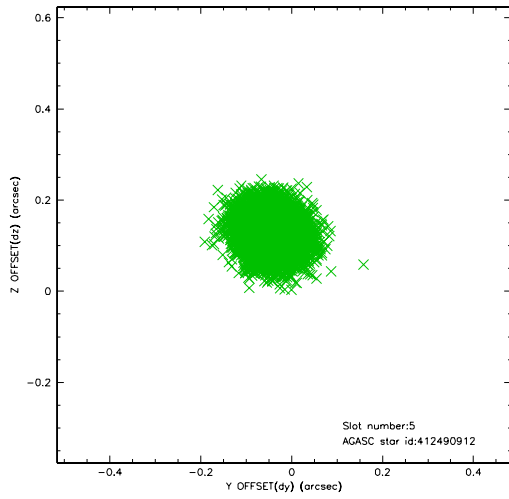
2.4.1 Slot 3



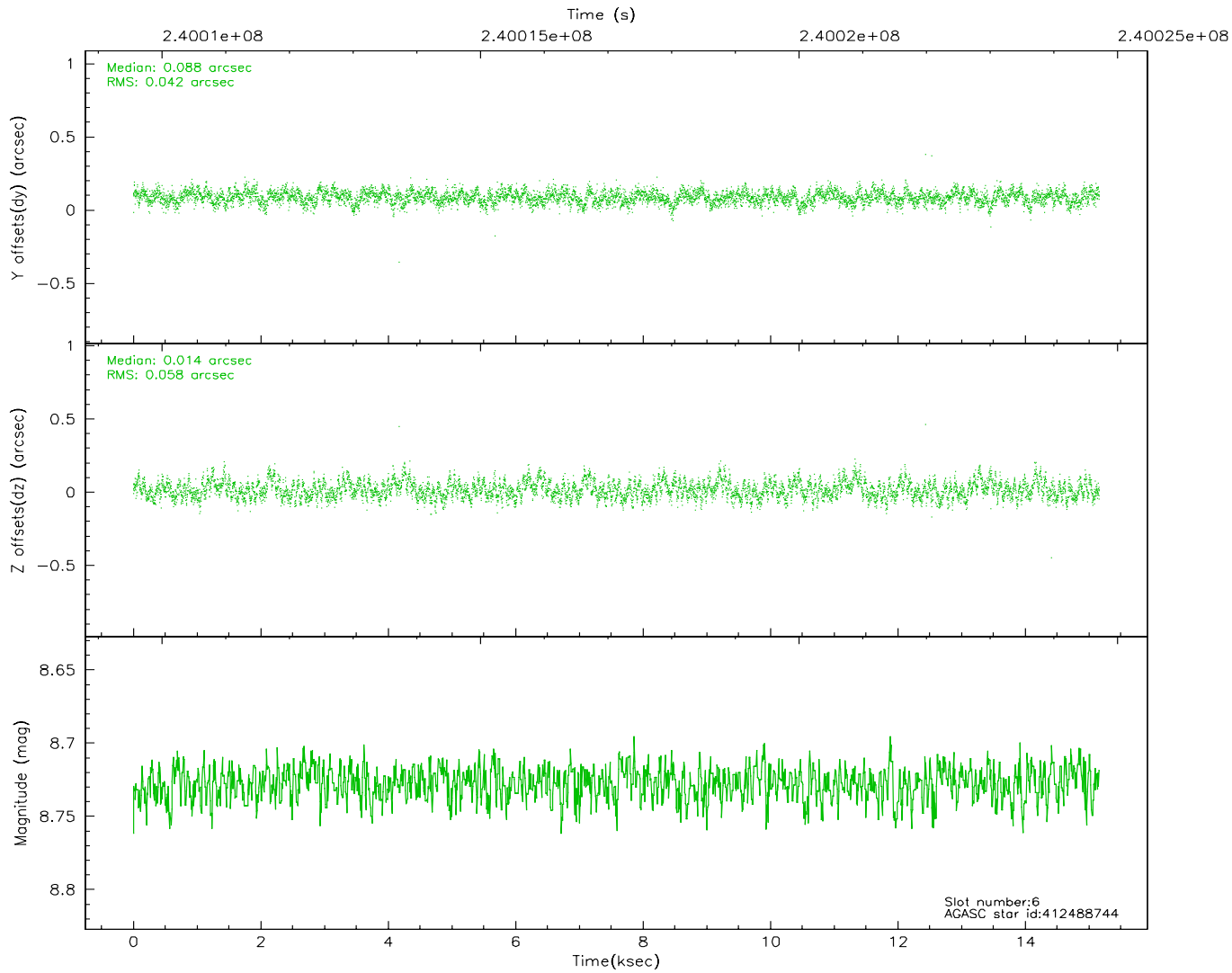
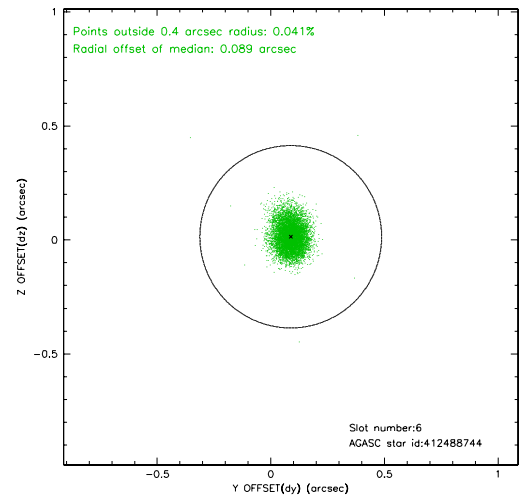
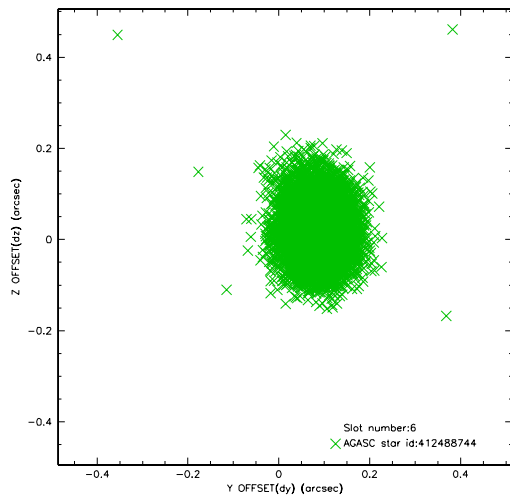
2.4.2 Slot 4



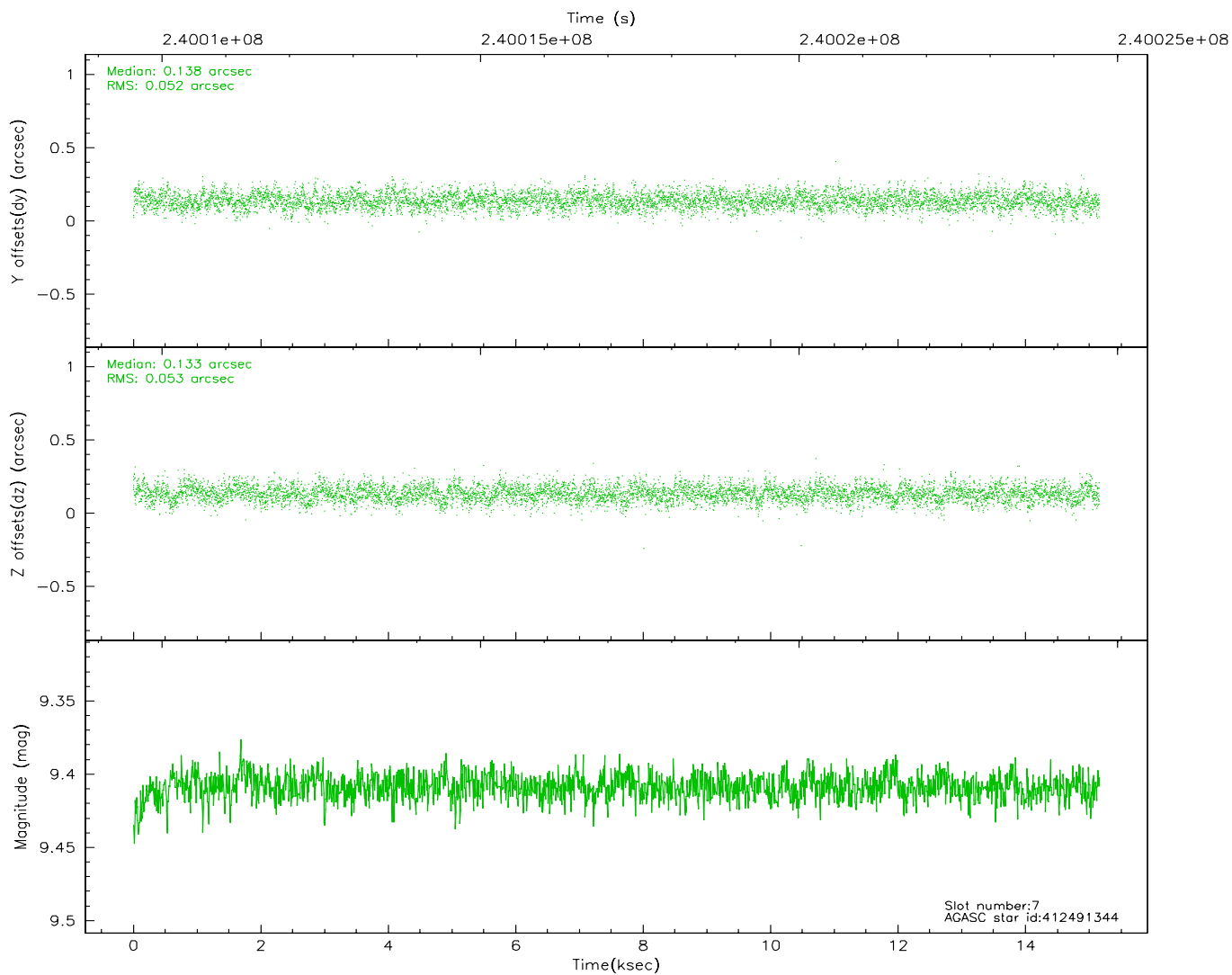
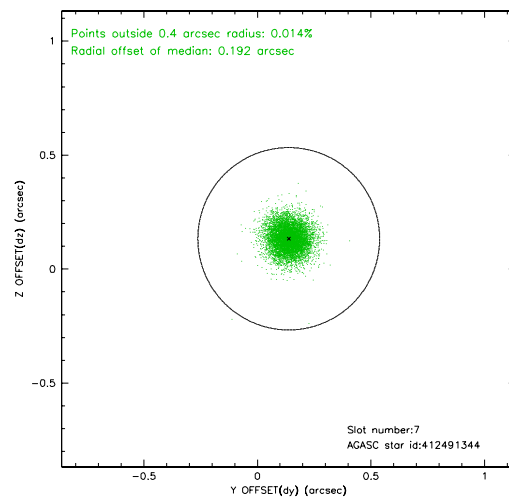
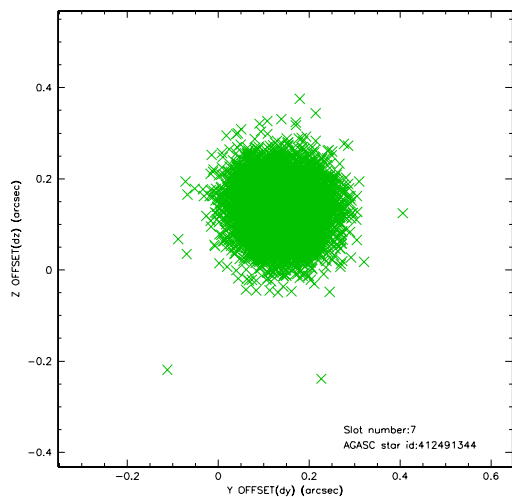
2.4.3 Slot 5



2.4.4 Slot 6

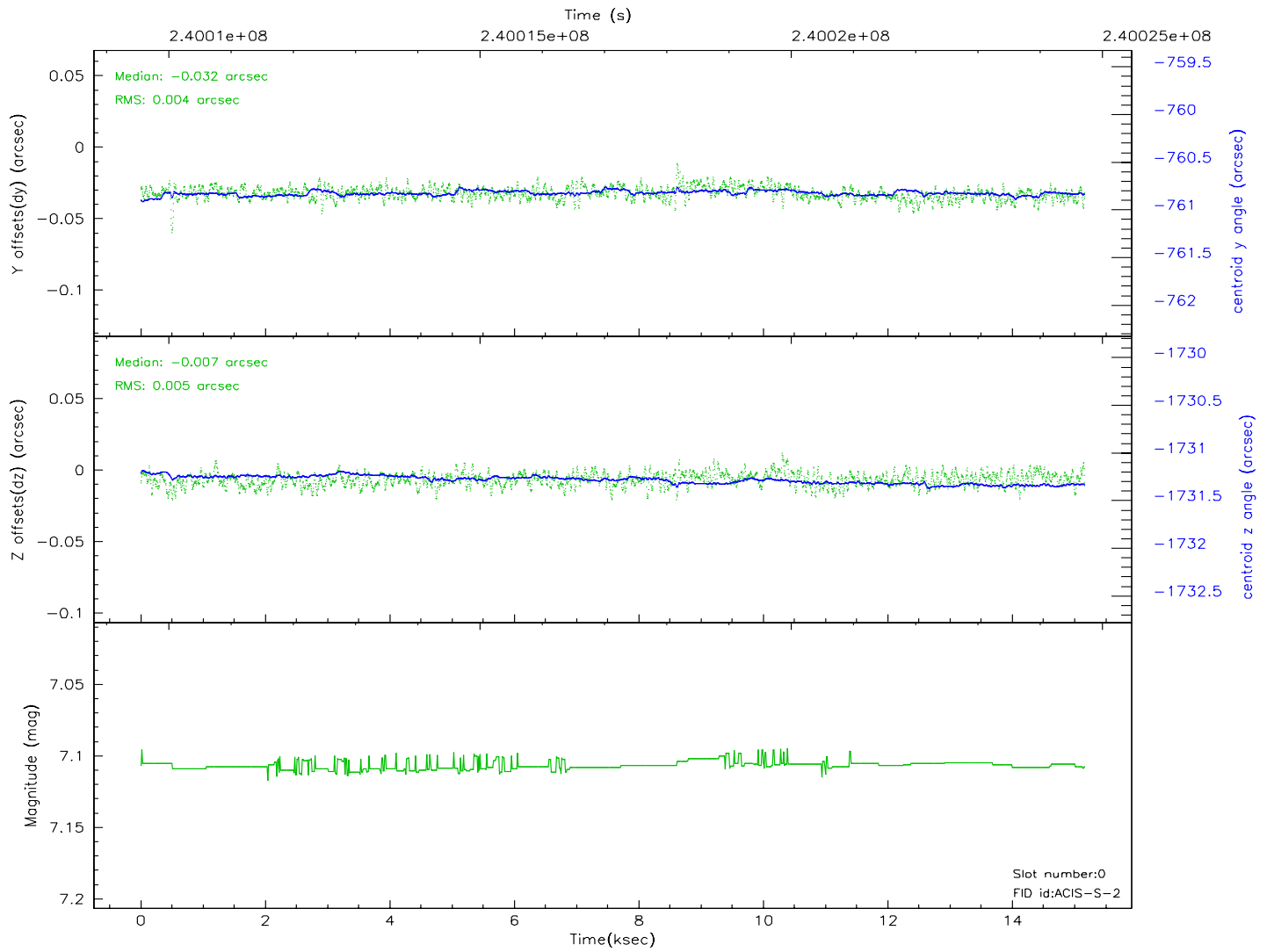
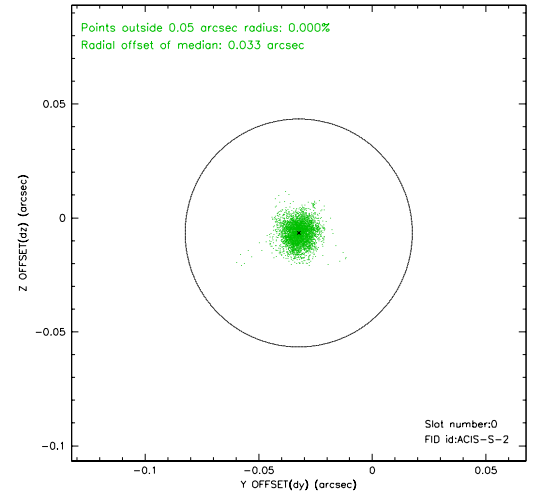
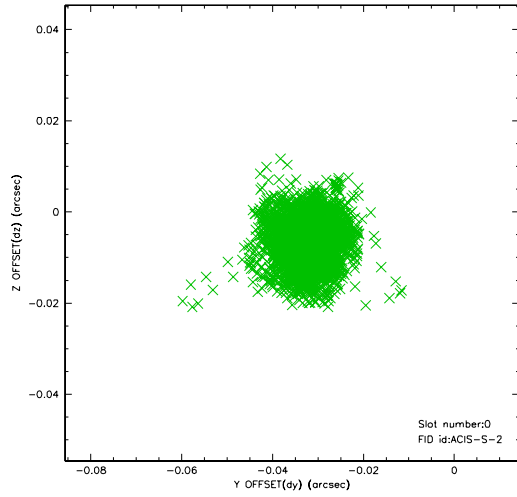


2.4.5 Slot 7

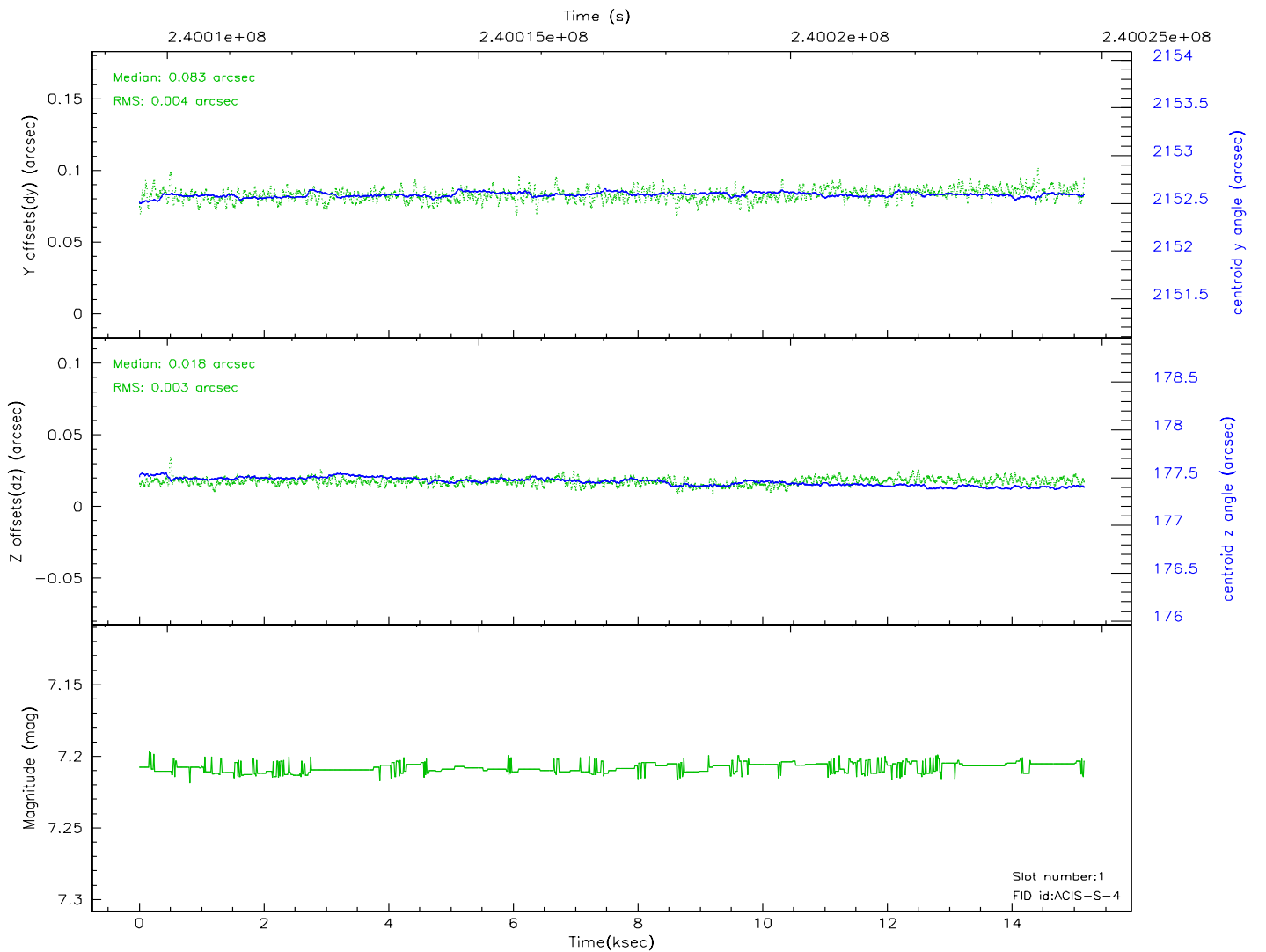
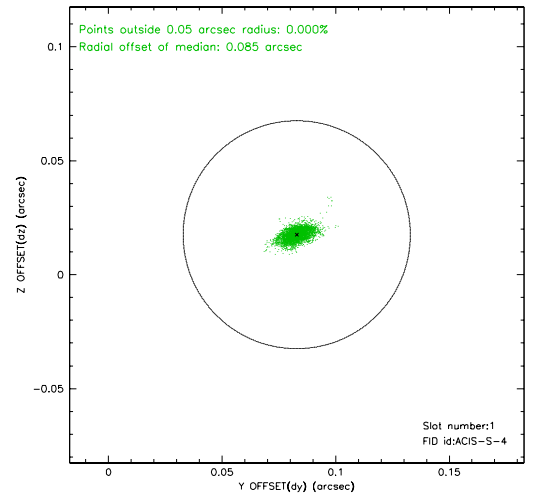
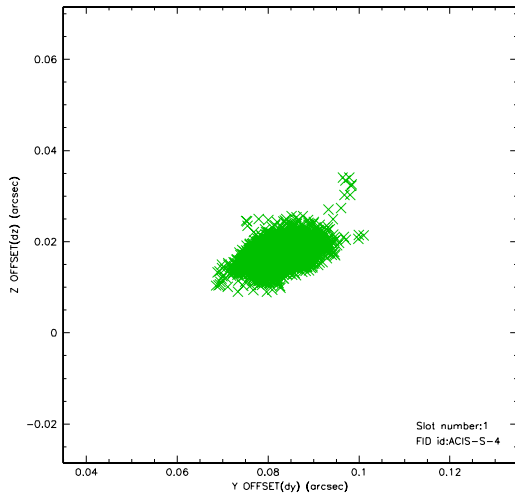


2.5 FID Slots

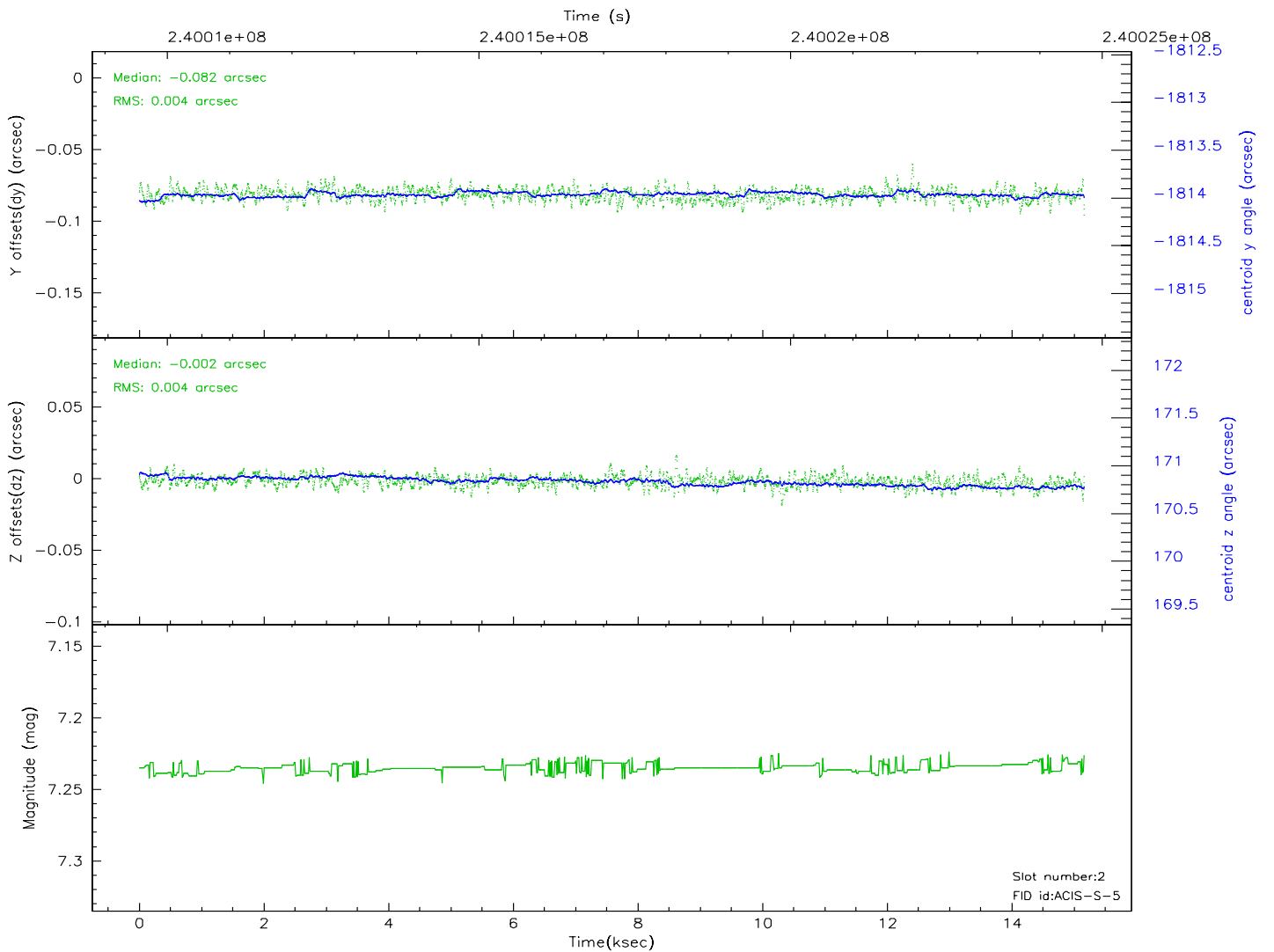
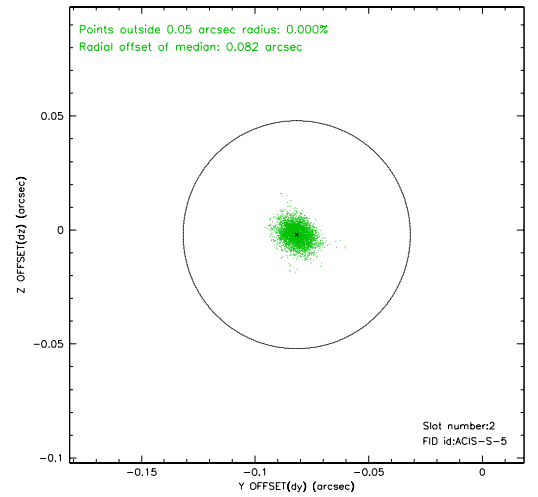
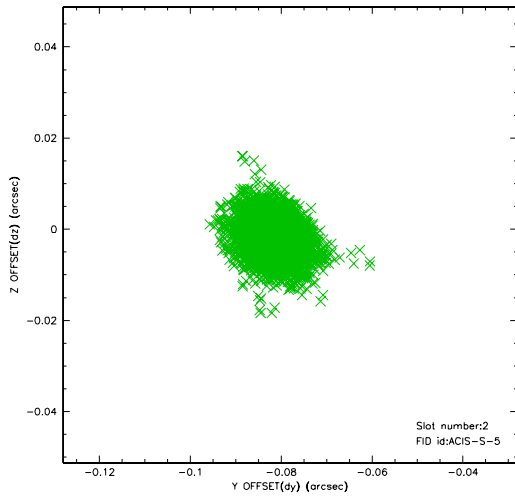
2.5.1 Slot 0



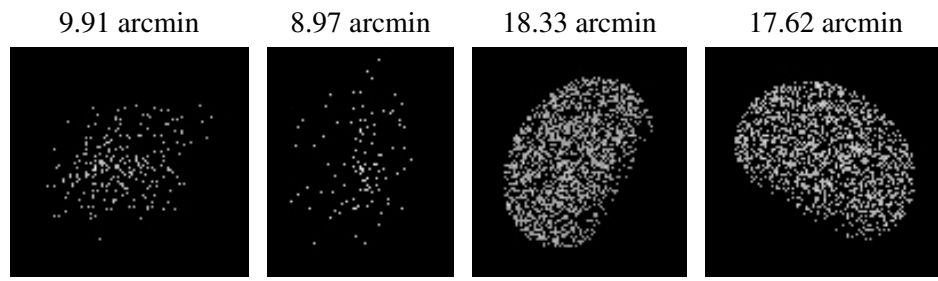
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.28136

A.2 Comments