

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5267 - L2 Version 001
Chandra X-Ray Center

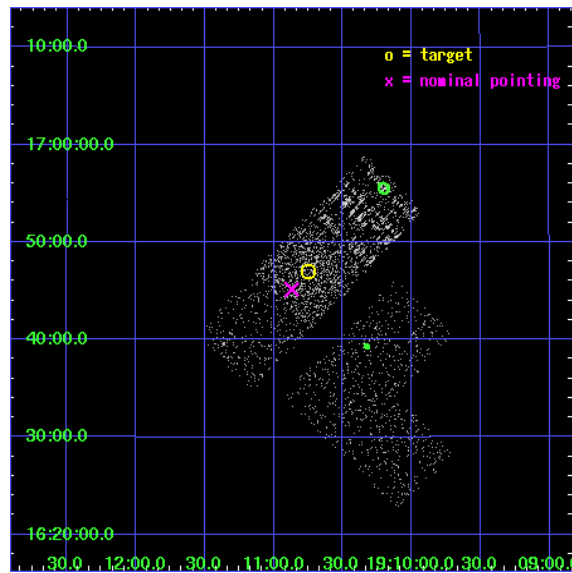
L2 Processing Date : Jun 26 2006

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1 Front

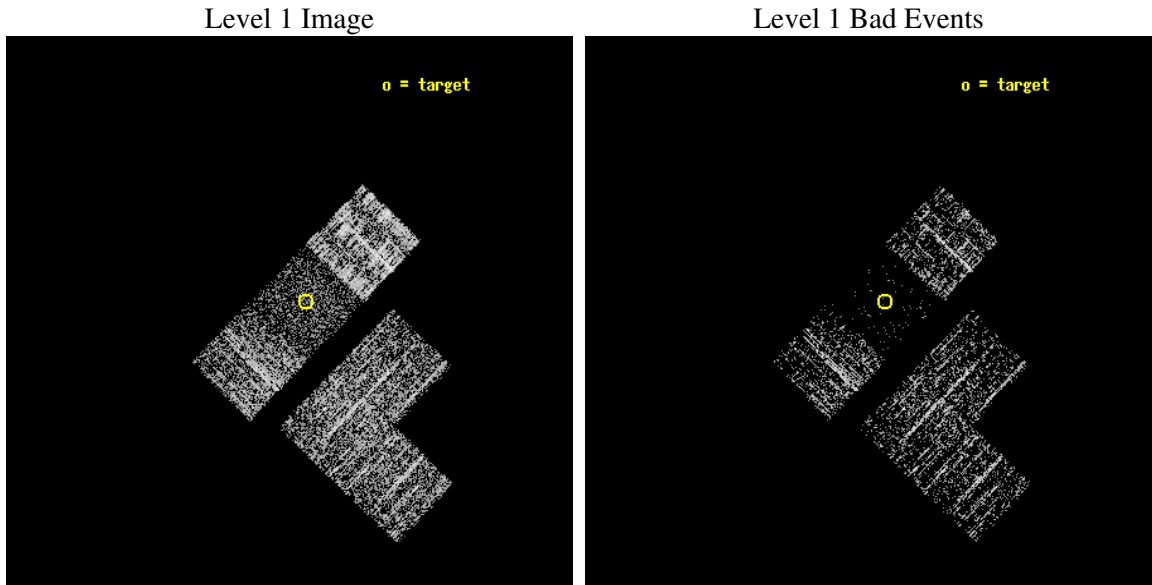
seq_num	100051
obs_id	5267
title	High Resolution Imaging of the Source of Comet Encke's X-Rays Over One Nuclear Rotation
observer	Dr. Carey Lisse
object	2P/Encke (2003)
dtcycle	0
cycle	P
ra_targ	287.6876
dec_targ	16.78442
ra_nom	287.71727435791
dec_nom	16.752686782104
roll_nom	314.14813013024
revision	2
ontime	1468.7999945283
livetime	1450.2011645924
ontime0	1468.7999945283
ontime2	1468.7999945283
ontime3	1468.7999945283
ontime6	1468.7999945283
ontime7	1468.7999945283
ontime8	1468.7999945283
l2events	3874



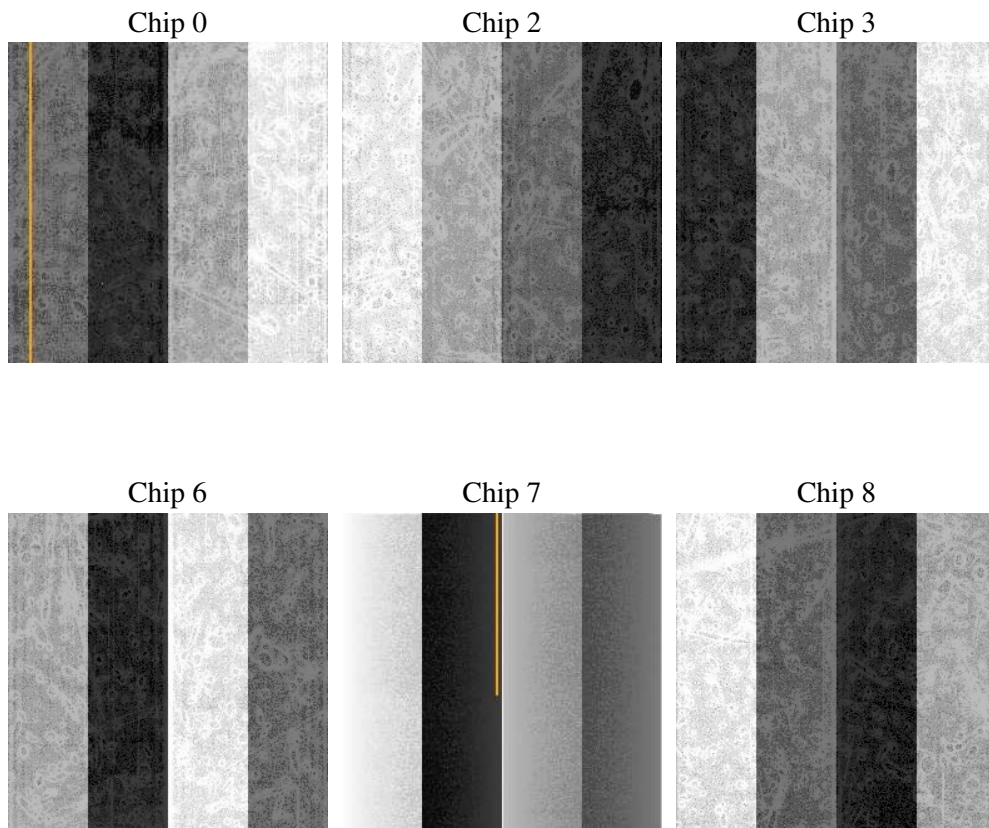
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.8
caldbver	3.2.2
date	2006-06-26T19:02:57
revision	2

sched_exp_time	1290.000000
ontime	1798.7557878196
ontime0	1798.7557878196
ontime2	1798.7557878196
ontime3	1798.7558177412
ontime6	1798.7558177412
ontime7	1798.7557878196
ontime8	1798.7558177412
l1events	39588

2.1.4 Events

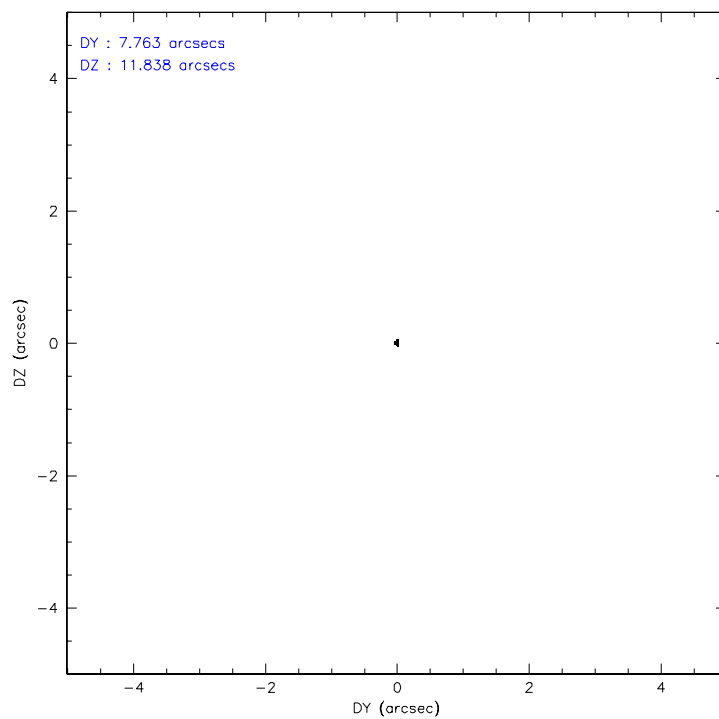
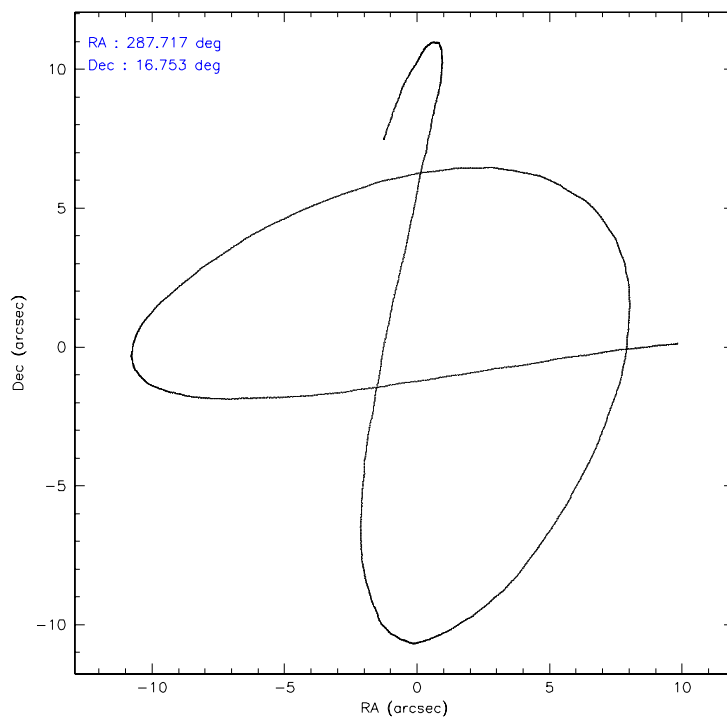
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	6103	6726	5640	6698	2294	12127
rejected events	5659	6142	5275	6209	991	7258
rejected %	92%	91%	93%	92%	43%	59%

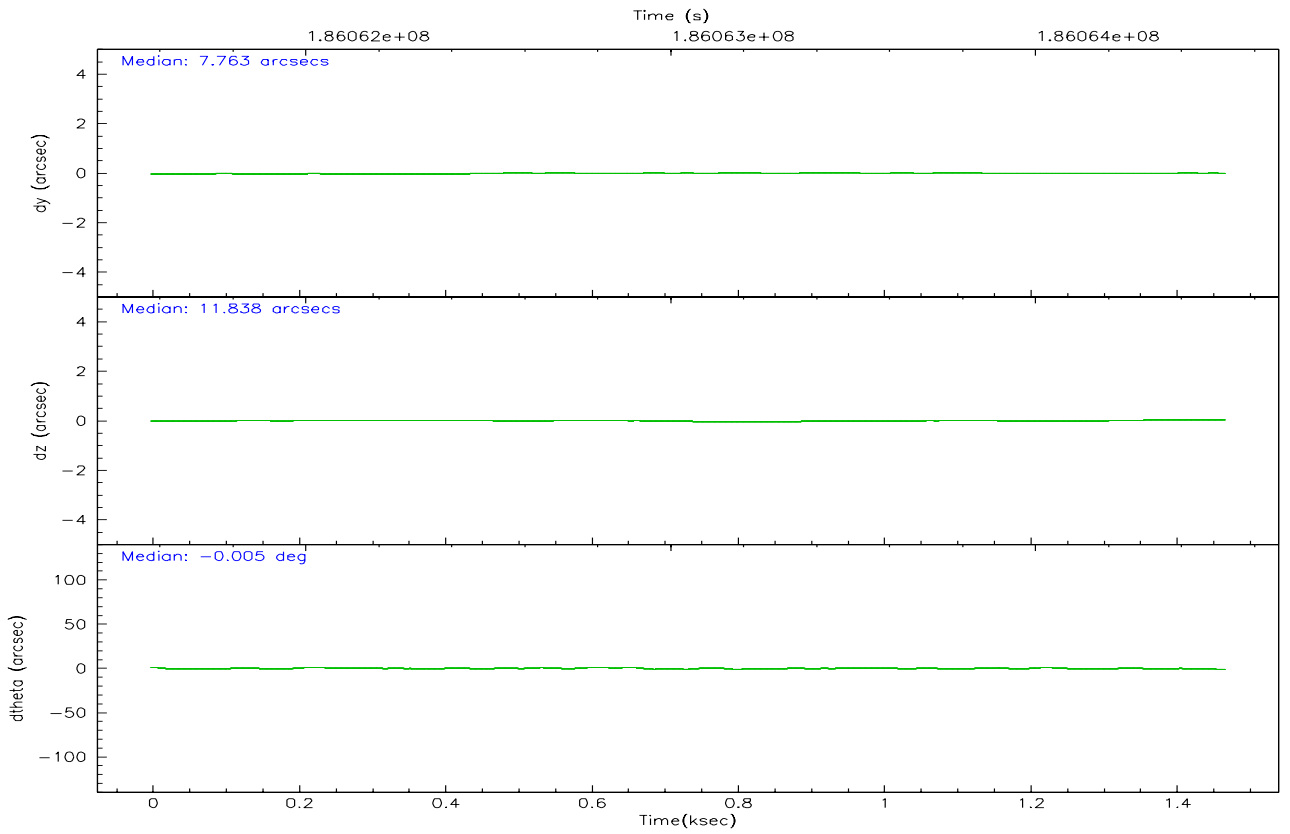
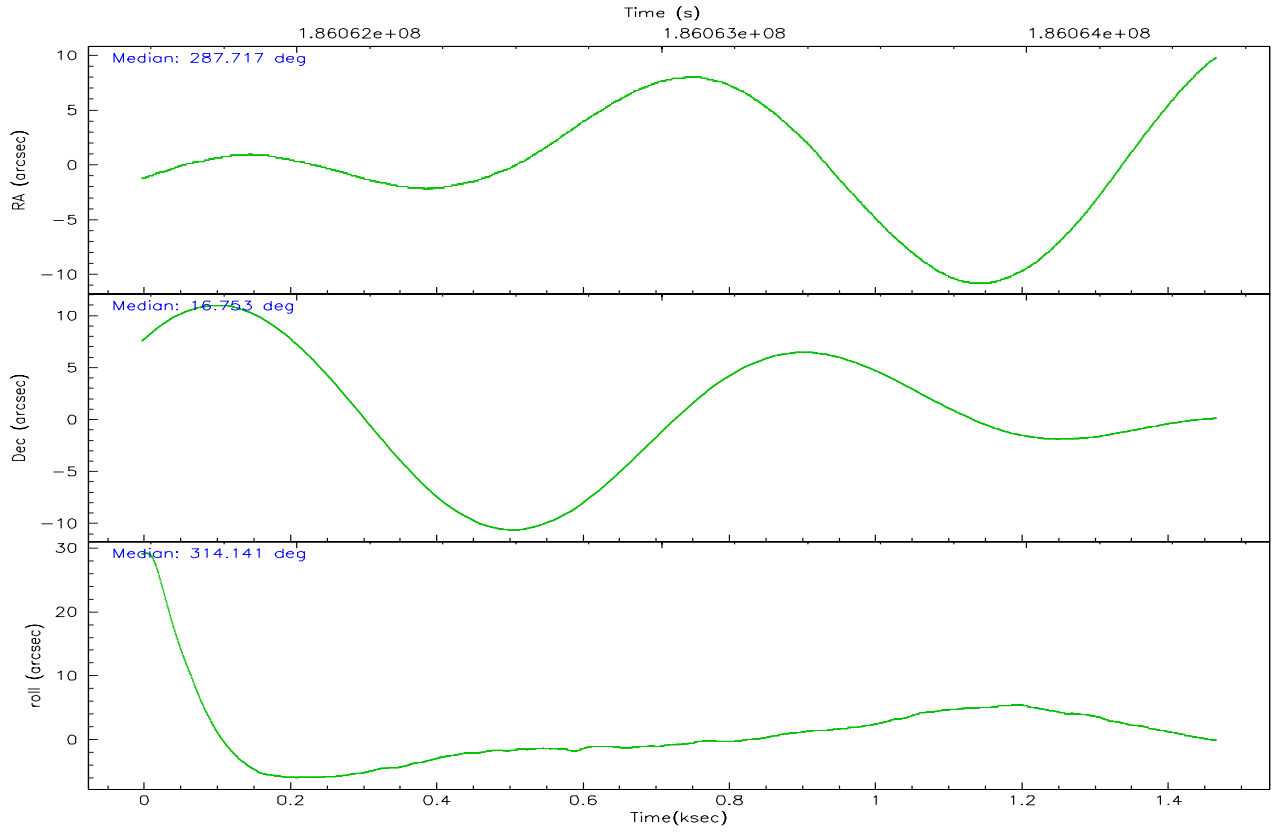
	ccd 0	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	241	352	219	297	342	1605
	3%	5%	3%	4%	14%	13%
grade 1 events	1	4	2	2	6	8
	0%	0%	0%	0%	0%	0%
grade 2 events	156	192	98	141	470	1039
	2%	2%	1%	2%	20%	8%
grade 3 events	41	52	39	56	168	984
	0%	0%	0%	0%	7%	8%
grade 4 events	48	68	43	65	133	869
	0%	1%	0%	0%	5%	7%
grade 5 events	60	39	71	49	152	175
	0%	0%	1%	0%	6%	1%
grade 6 events	58	75	49	57	521	1519
	0%	1%	0%	0%	22%	12%
grade 7 events	5498	5944	5119	6031	502	5928
	90%	88%	90%	90%	21%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-023678	ACIS-023678	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	287.689975	287.7172743579094	Alternating exposures requested	N	N
Pointing Dec	16.759512	16.75268678210443	Primary exposure time	0.000000	3.2
Pointing Roll	313.999319	314.1481301302364			
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	186062464.184000	186062087.53228			
Observation start date	2003-11-24T12:00:00	2003-11-24T11:54:47			
Observation end time	186063754.184000	186063887.43235			
Observation end date	2003-11-24T12:21:30	2003-11-24T12:24:47			
Read mode	TIMED	TIMED			

2.3 Aspect



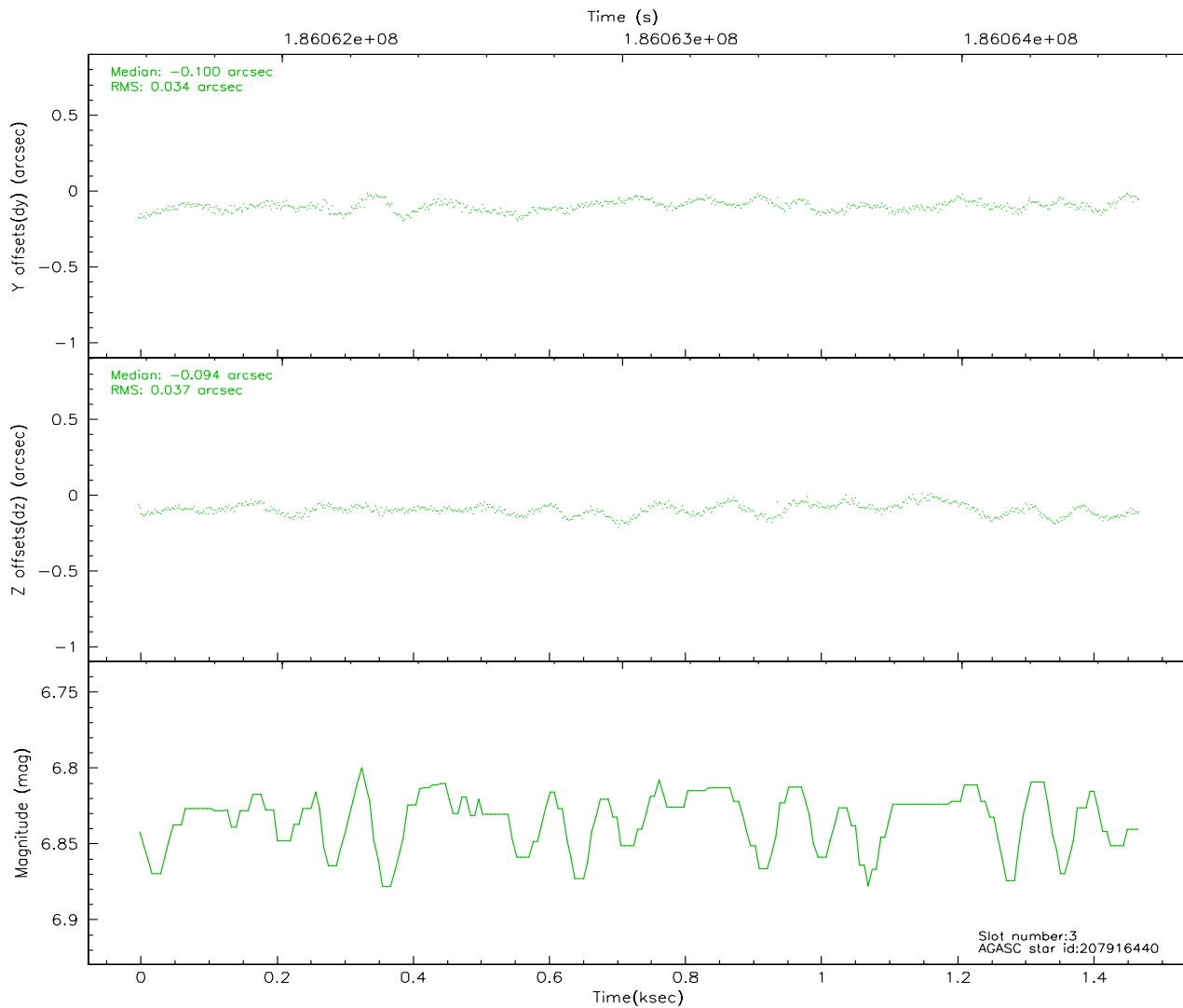
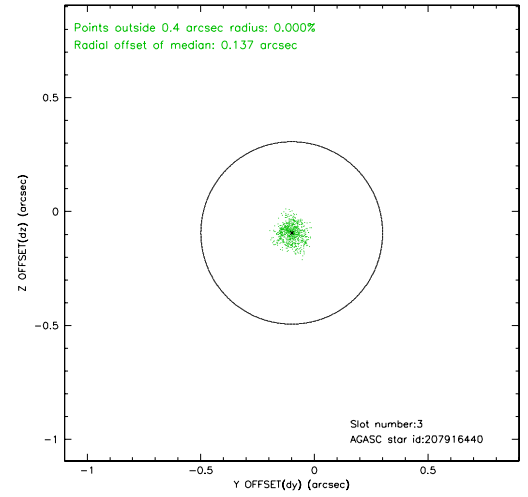
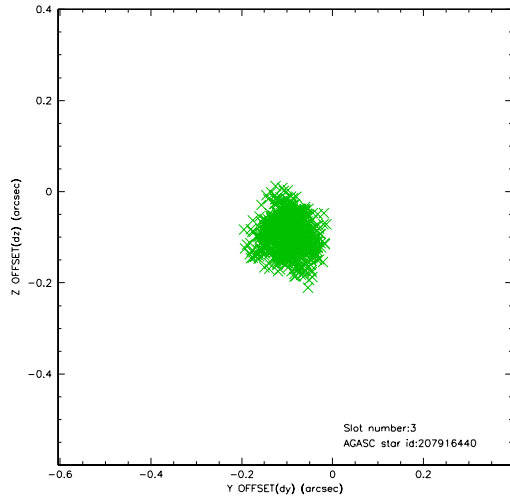


Slot Statistics

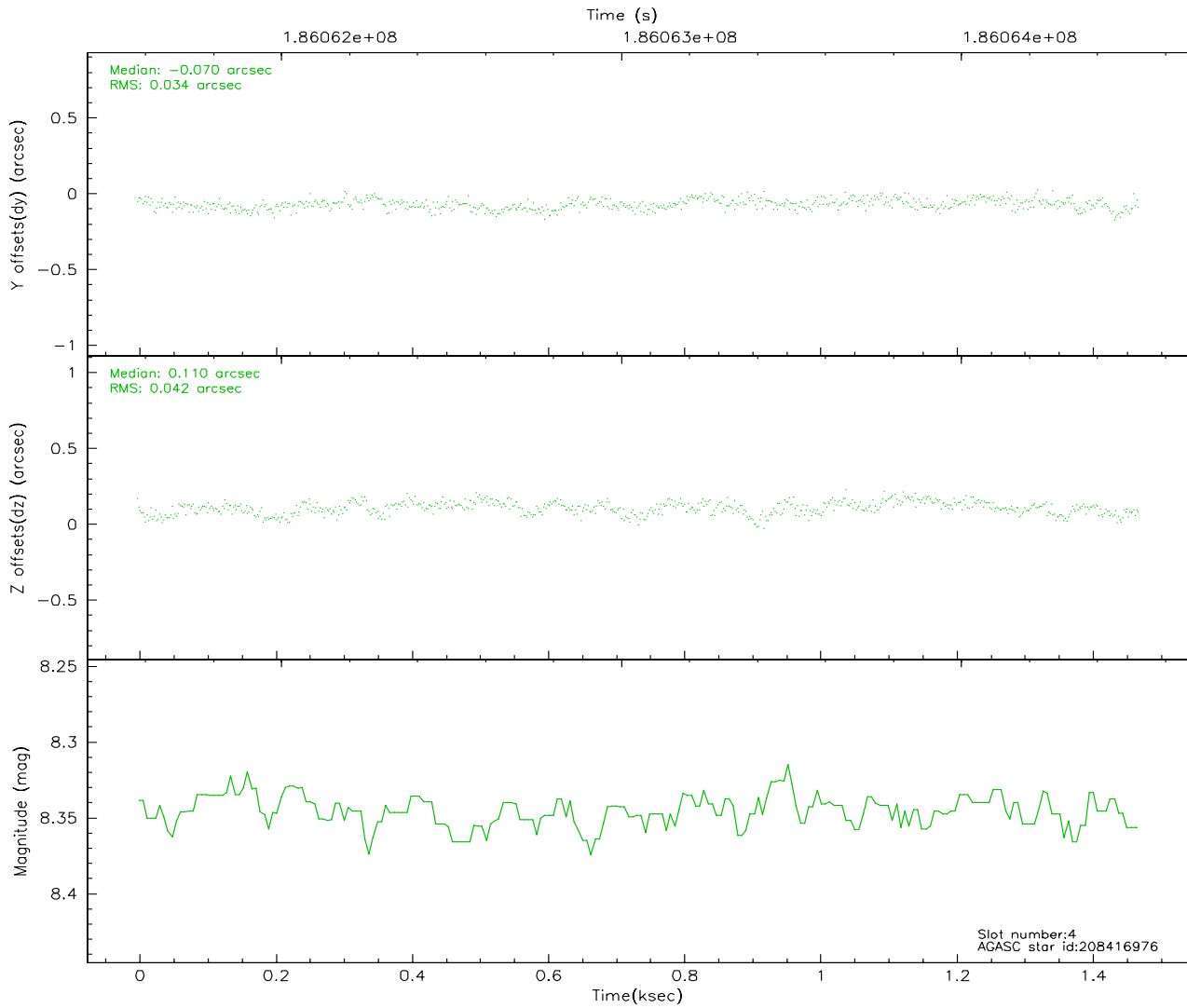
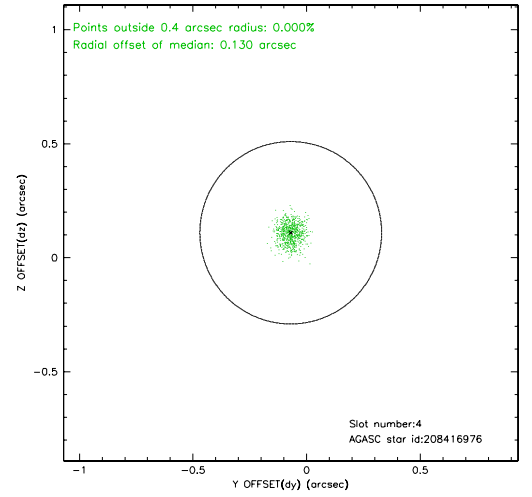
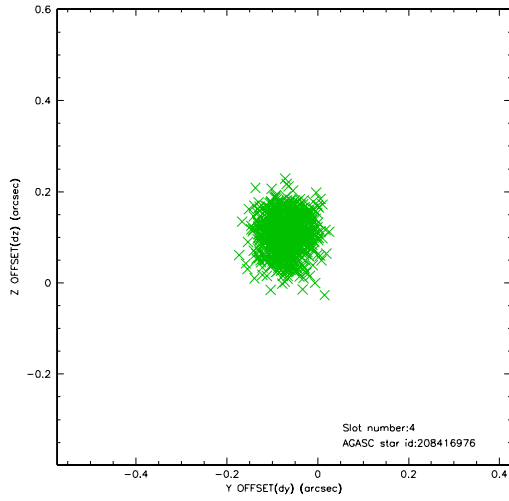
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	359	0.040	-0.057	0.007	0.013	0.000000	0.000000	935.52	-1728.83
1	FID	ACIS-S-5	7.23	359	-0.018	0.039	0.007	0.011	0.000000	0.000000	-1810.98	164.21
2	FID	ACIS-S-6	7.34	359	-0.043	0.030	0.010	0.019	0.000000	0.000000	396.16	813.22
3	GUIDE	207916440	6.83	718	-0.100	-0.094	0.055	0.086	287.167522	16.851310	-1488.28	-1064.30
4	GUIDE	208416976	8.35	718	-0.070	0.110	0.059	0.092	287.326965	17.073967	-1683.68	-113.29
5	GUIDE	208421840	9.21	718	0.140	-0.111	0.087	0.151	287.570311	16.918850	-699.88	101.75
6	GUIDE	209585448	7.94	718	0.016	0.044	0.064	0.097	288.114724	16.850123	781.95	1280.54
7	GUIDE	207909176	8.42	717	0.008	0.050	0.078	0.128	287.357845	16.116738	868.71	-2431.01

2.4 Star Slots

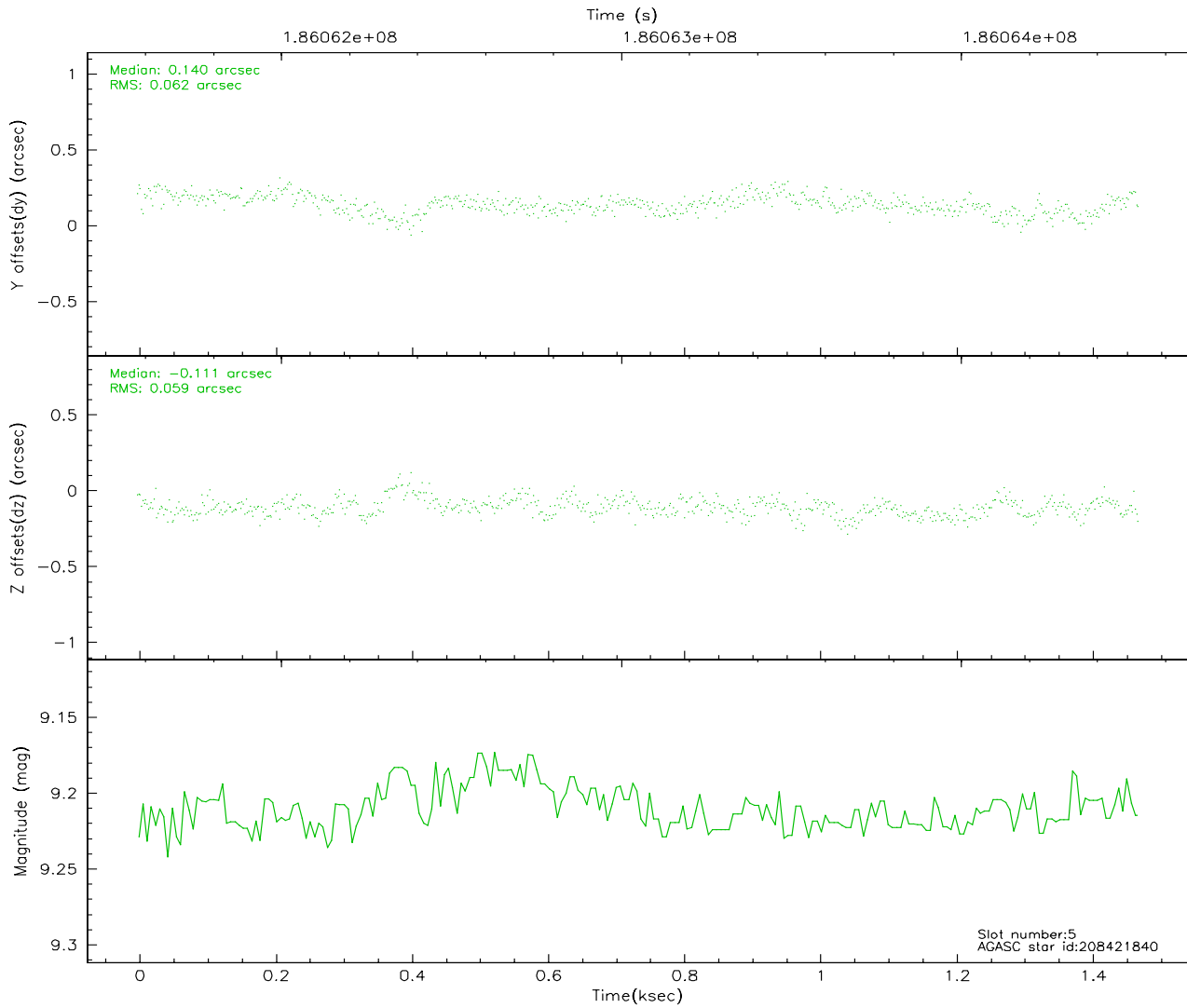
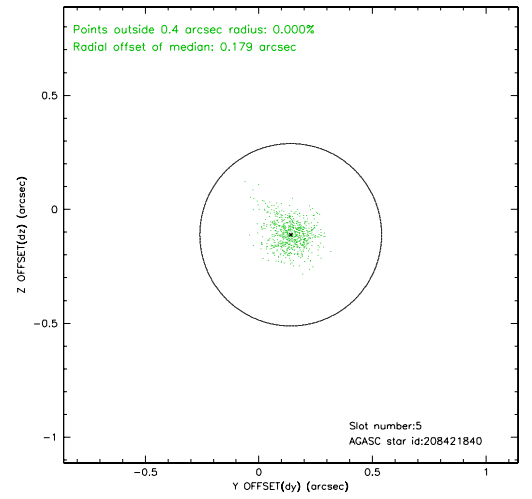
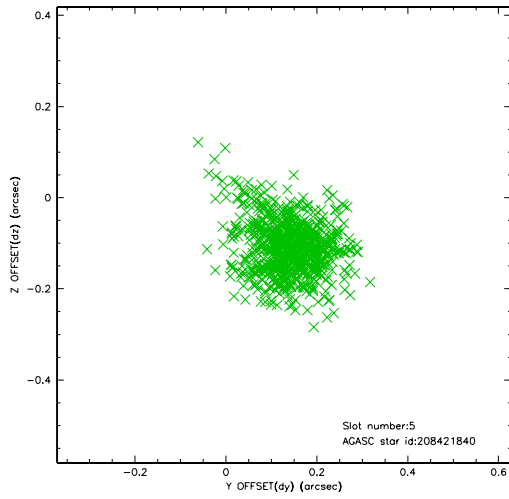
2.4.1 Slot 3



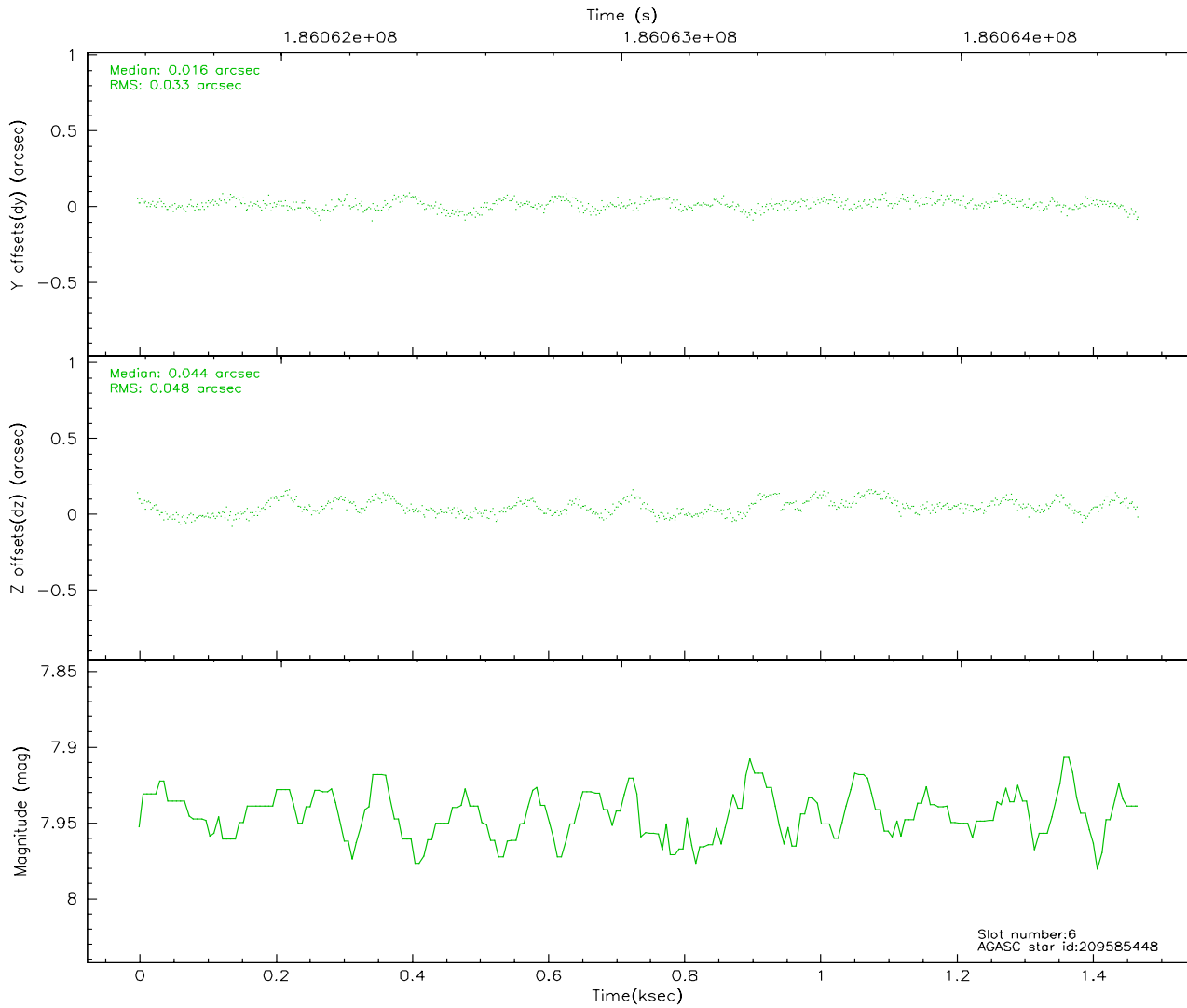
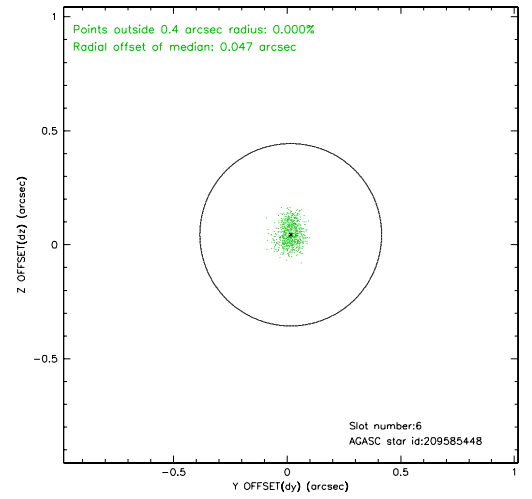
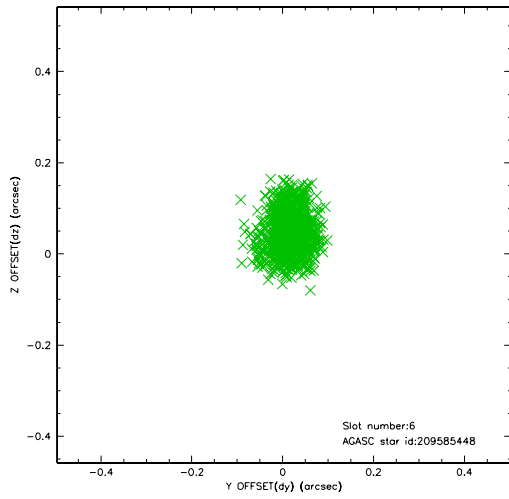
2.4.2 Slot 4



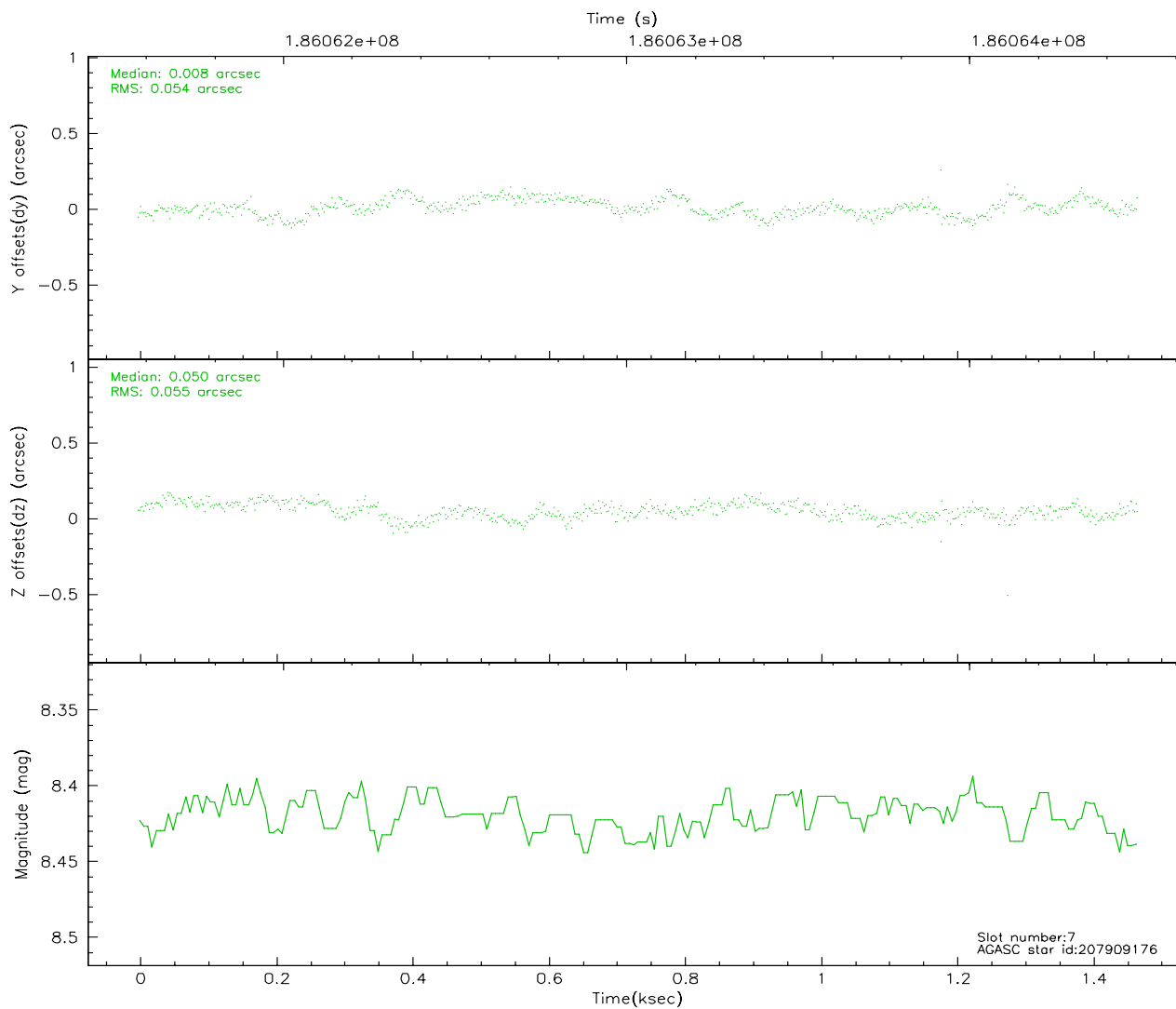
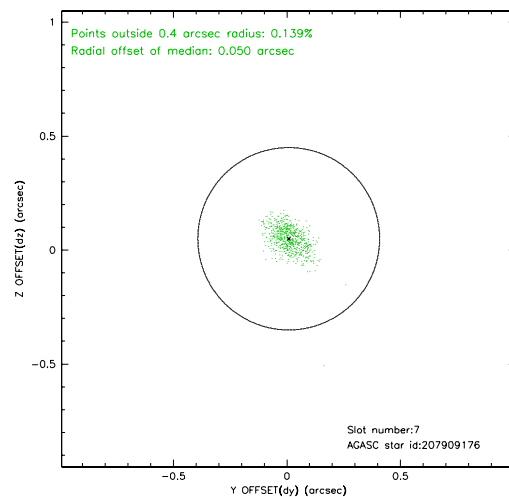
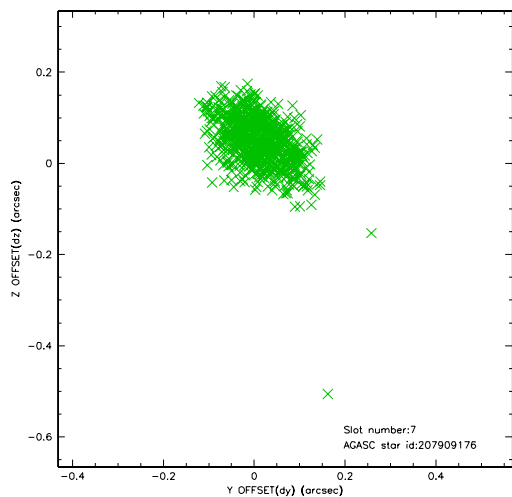
2.4.3 Slot 5



2.4.4 Slot 6

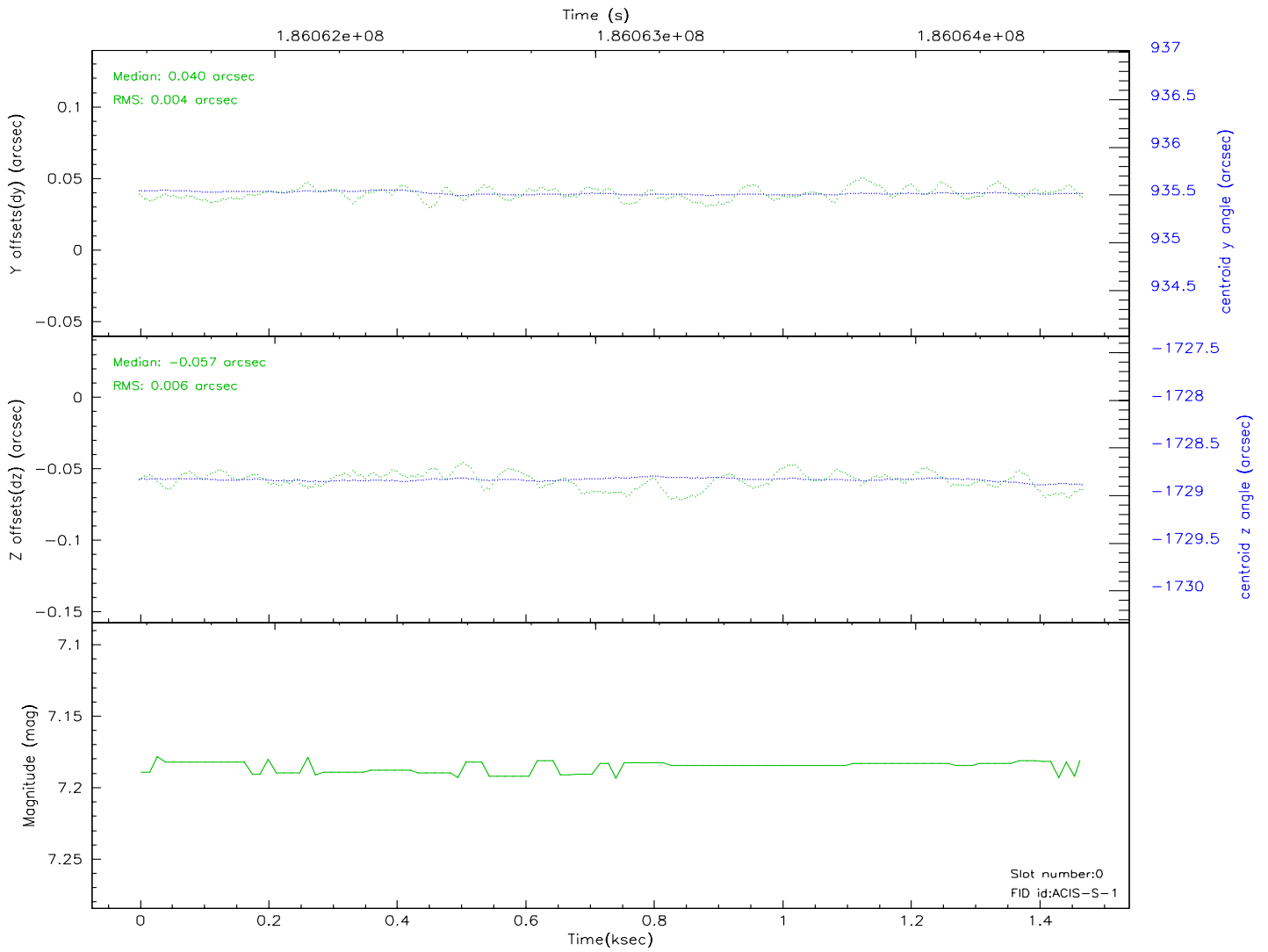
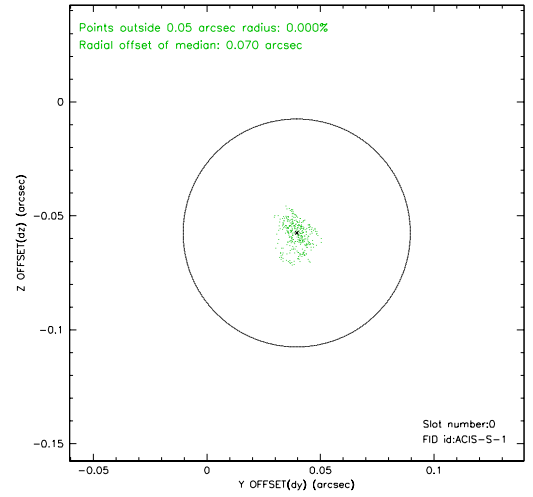
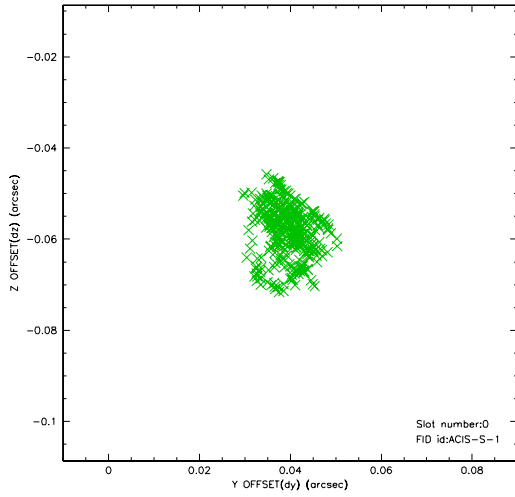


2.4.5 Slot 7

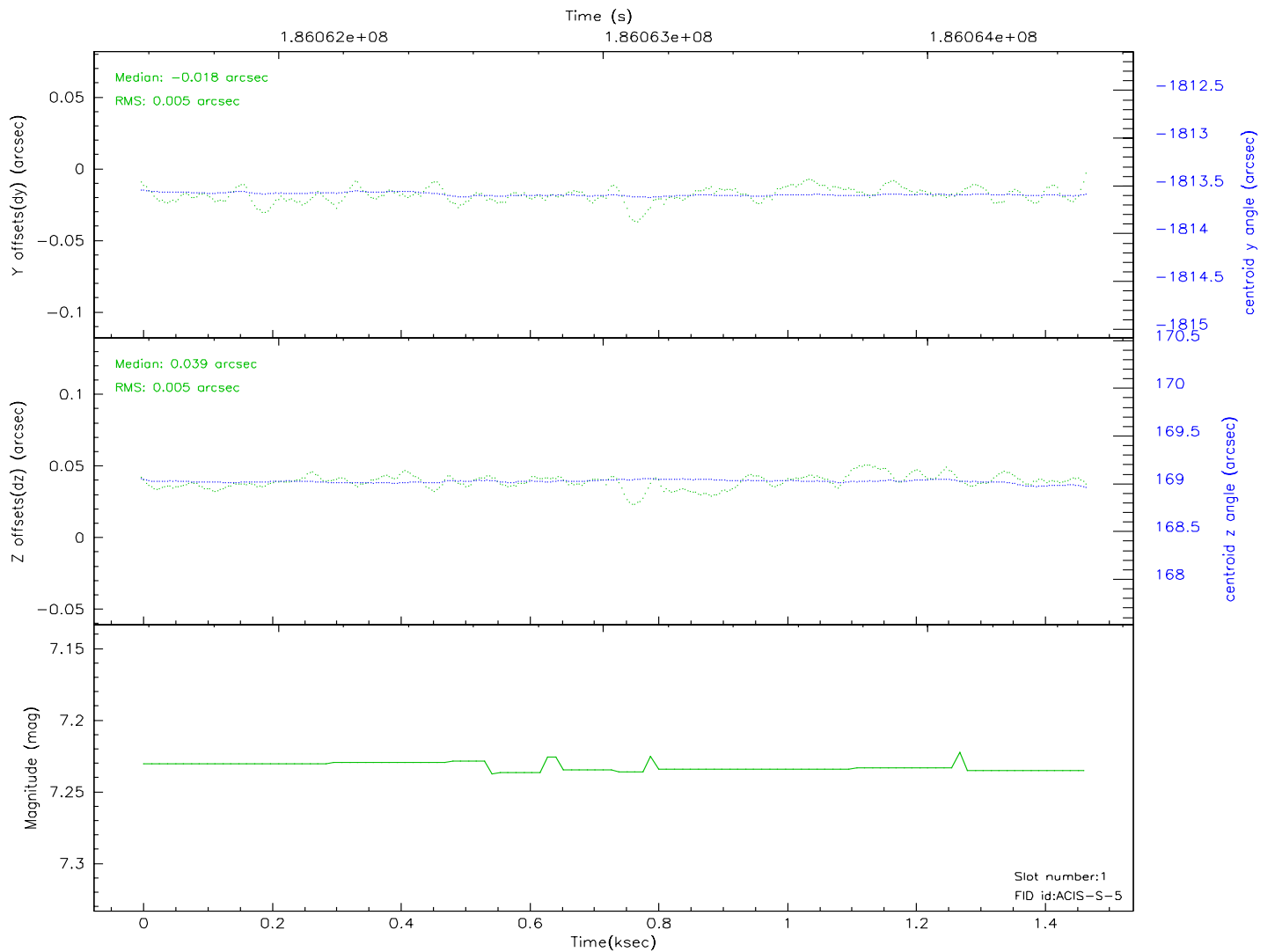
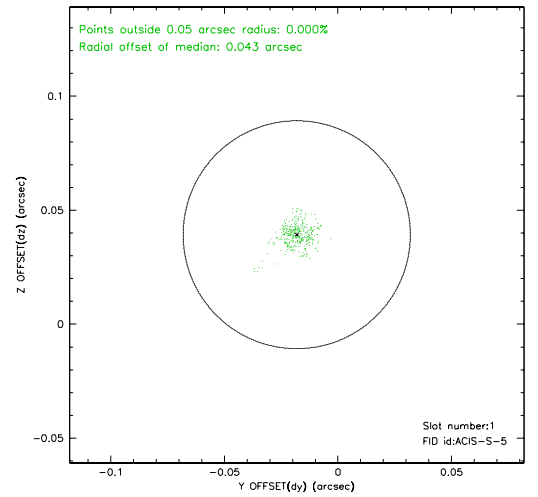
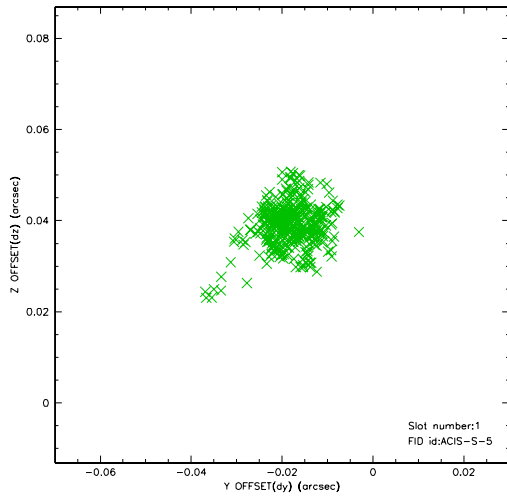


2.5 FID Slots

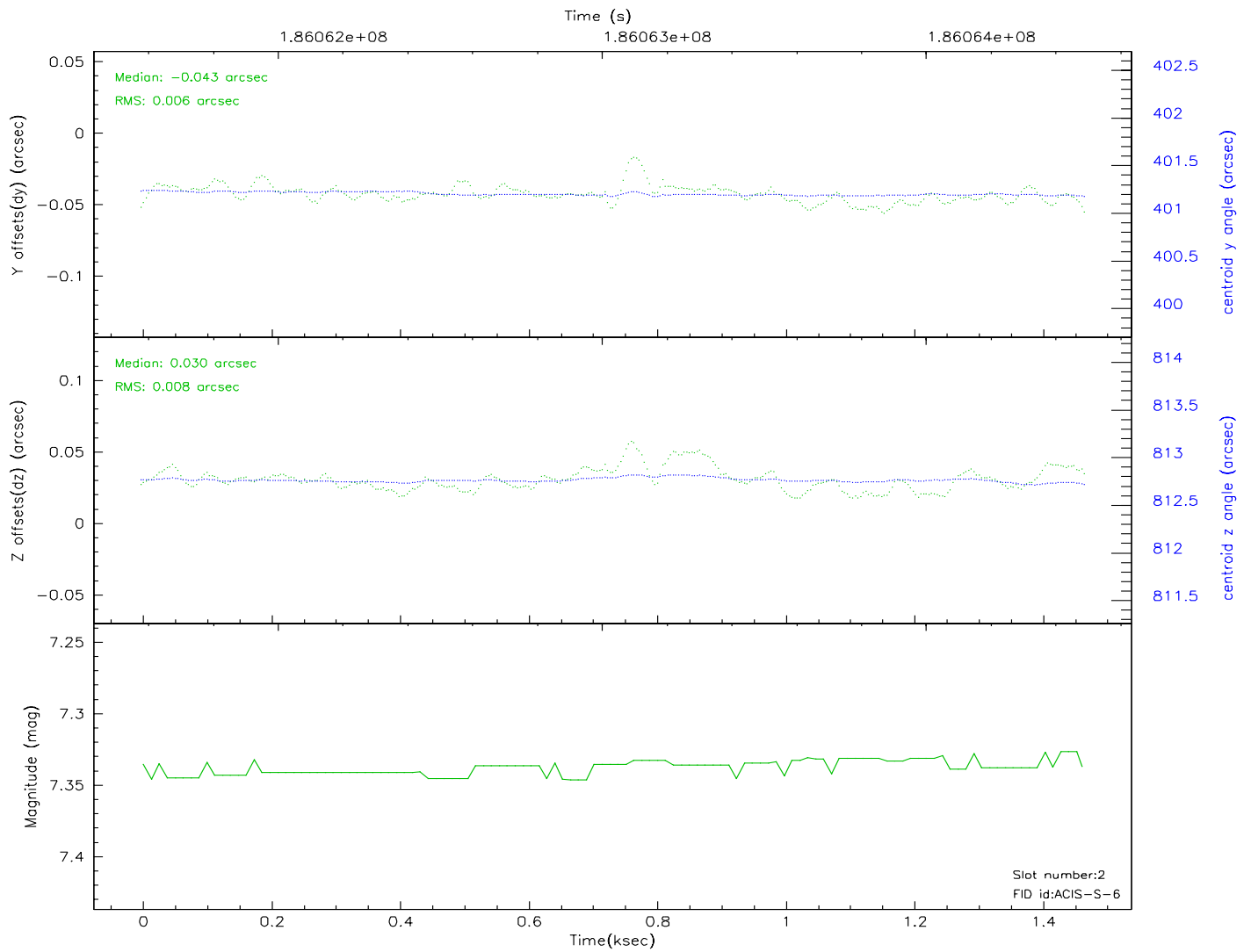
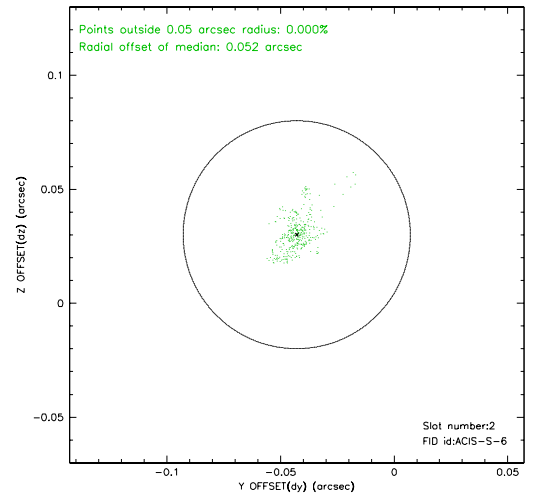
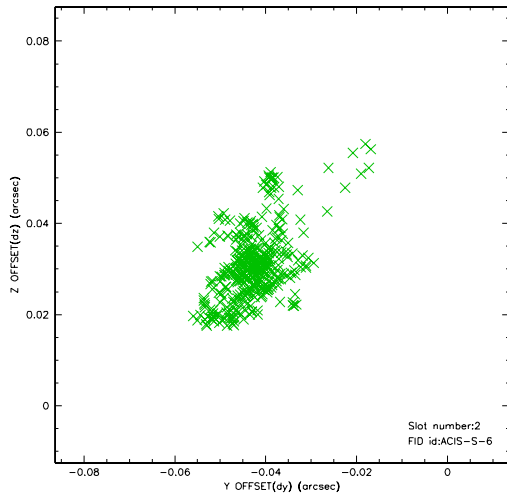
2.5.1 Slot 0



2.5.2 Slot 1

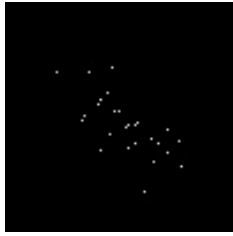


2.5.3 Slot 2



3 Point Sources

9.82 arcmin



14.12 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.468

A.2 Comments