

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3790 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Jul 14 2006

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1 Front

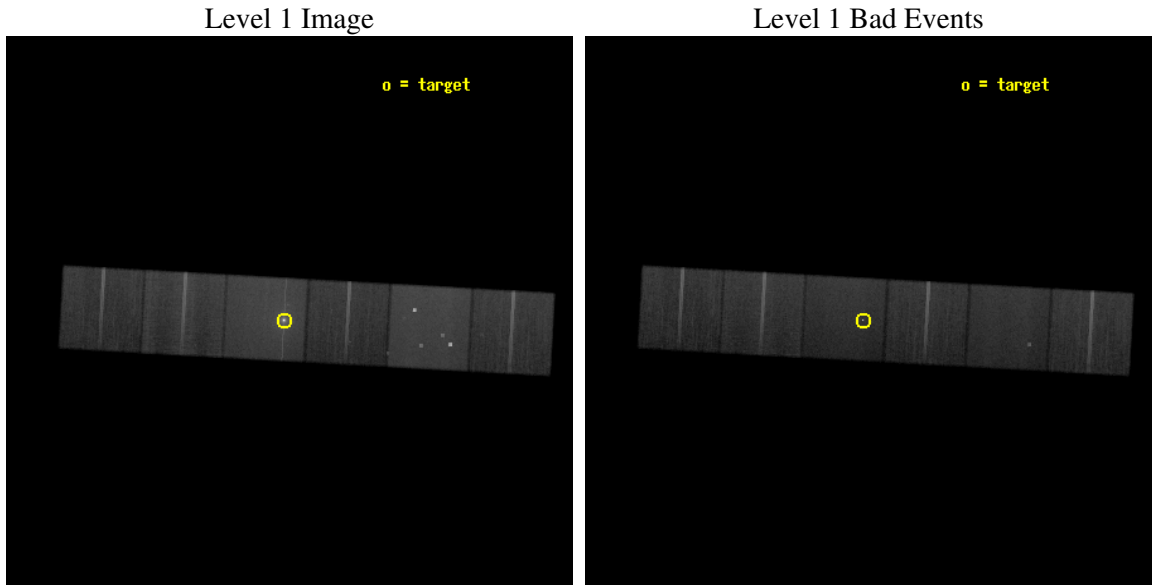
seq_num	400277
obs_id	3790
title	THE X-RAY JETS OF SS 433
observer	Prof. Rob Fender
object	SS 433
dtcycle	0
cycle	P
ra_targ	287.956667
dec_targ	4.982778
ra_nom	287.94705215026
dec_nom	4.9839459731046
roll_nom	183.145066653
revision	2
ontime	58806.399780929
livetime	58061.75773794
ontime4	58806.399780929
ontime5	58806.399780929
ontime6	58806.399780929
ontime7	58806.399780929
ontime8	58806.399780929
ontime9	58803.158800662
l2events	669077



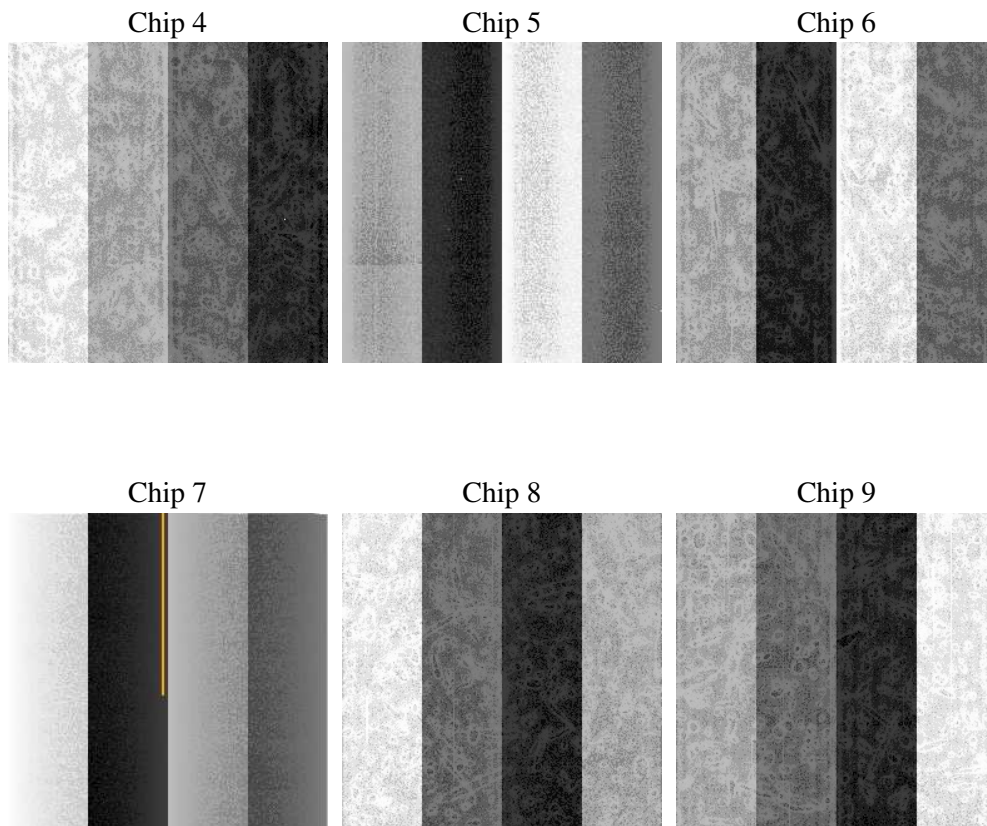
2 OBI

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	2006-07-14T07:47:40
revision	2

sched_exp_time	58662.529000
ontime	59433.627370179
ontime4	59433.627350301
ontime5	59433.627360314
ontime6	59433.627350301
ontime7	59433.627370179
ontime8	59430.386370033
ontime9	59430.386389911
l1events	2739258

2.1.4 Events

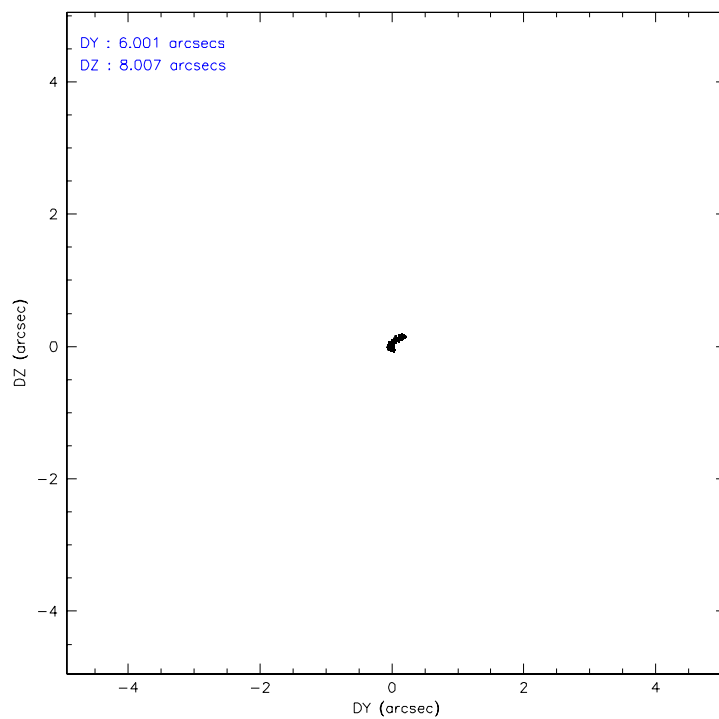
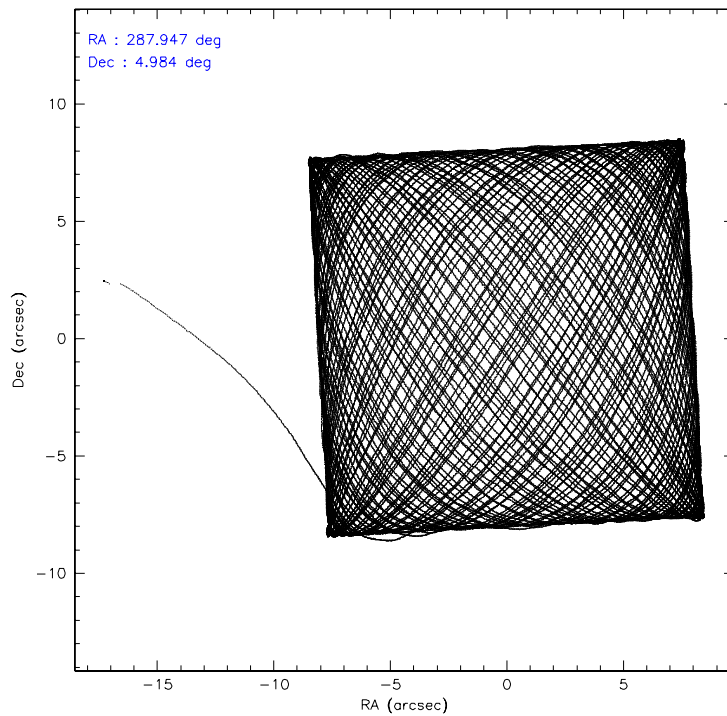
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	397957	562712	371754	584571	454891	367373
rejected events	348793	299963	319635	307768	357837	316802
rejected %	87%	53%	85%	52%	78%	86%

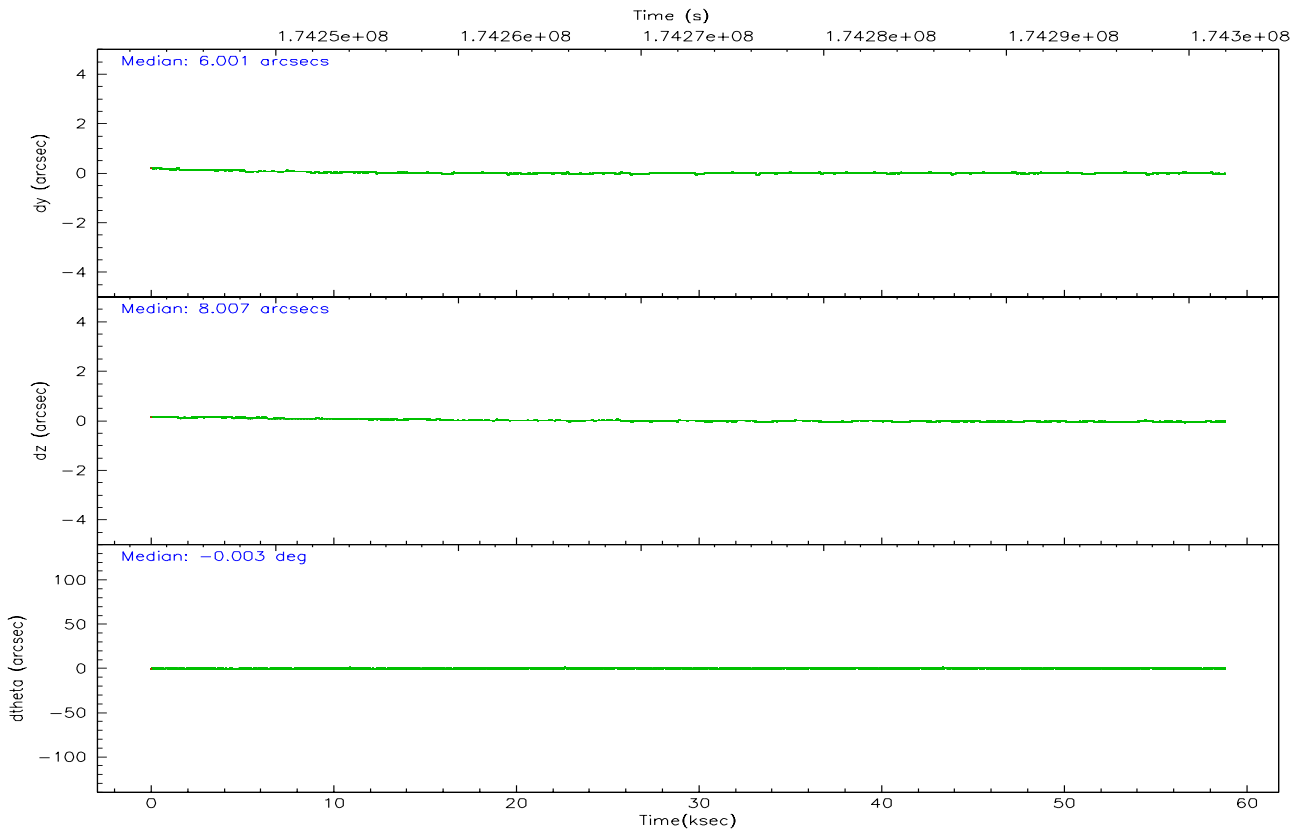
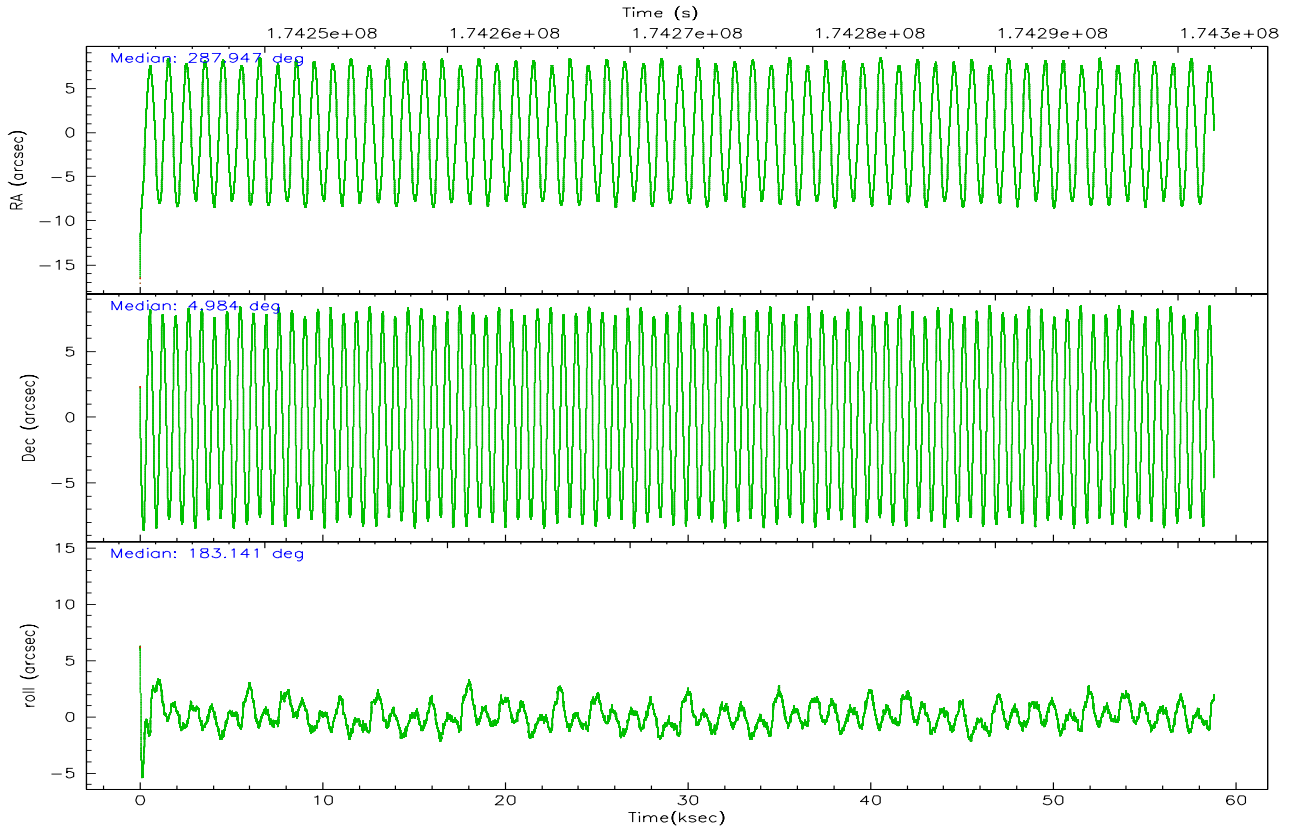
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
grade 0 events	24270	37091	25055	30417	33396	24103
	6%	6%	6%	5%	7%	6%
grade 1 events	389	1901	194	832	281	190
	0%	0%	0%	0%	0%	0%
grade 2 events	9365	82775	9705	71586	20800	9158
	2%	14%	2%	12%	4%	2%
grade 3 events	4601	5275	4644	19240	10145	4642
	1%	0%	1%	3%	2%	1%
grade 4 events	4429	5210	4426	18730	9477	4618
	1%	0%	1%	3%	2%	1%
grade 5 events	15534	25193	16452	34639	21198	17398
	3%	4%	4%	5%	4%	4%
grade 6 events	6984	135216	8798	139183	24519	8680
	1%	24%	2%	23%	5%	2%
grade 7 events	332385	270051	302480	269944	335075	298584
	83%	47%	81%	46%	73%	81%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	287.969713	287.9470521502552	Alternating exposures requested	N	N
Pointing Dec	4.999150	4.98394597310457	Primary exposure time	0.000000	3.2
Pointing Roll	182.986468	183.1450666529996			
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	174243300.184000	174241935.13752			
Observation start date	2003-07-10T16:53:56	2003-07-10T16:32:15			
Observation end time	174301963.184000	174302277.91509			
Observation end date	2003-07-11T09:11:39	2003-07-11T09:17:57			
Read mode	TIMED	TIMED			

2.3 Aspect



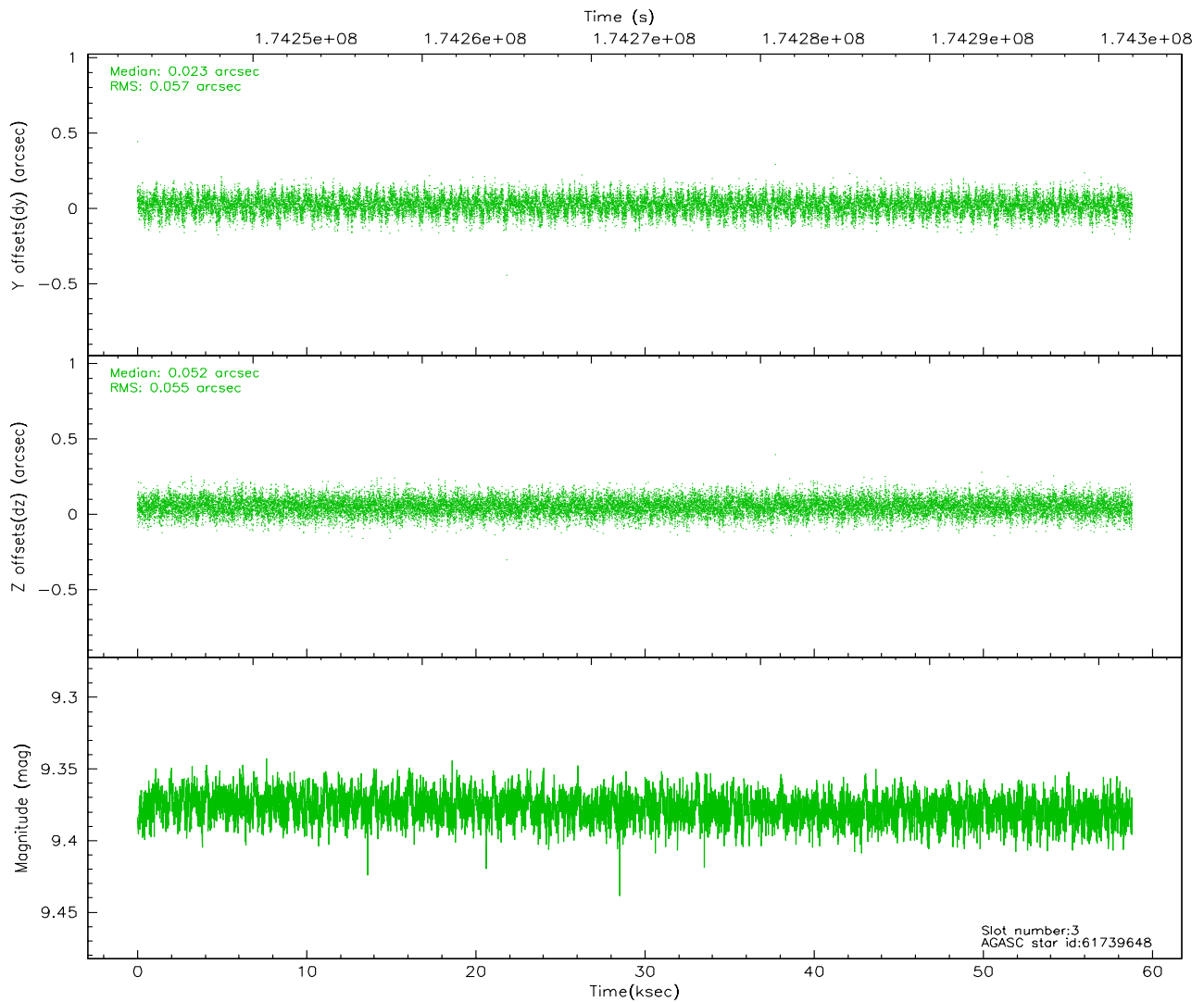
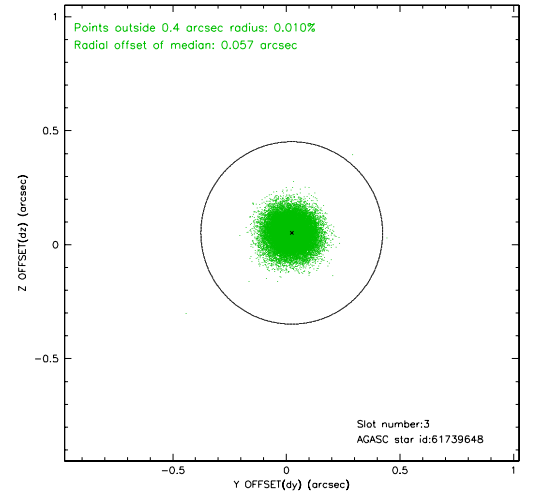
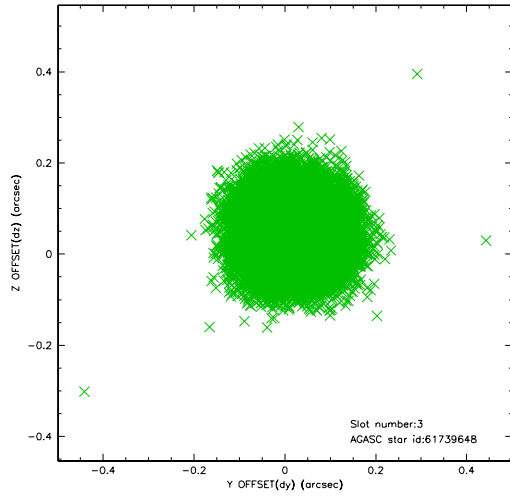


Slot Statistics

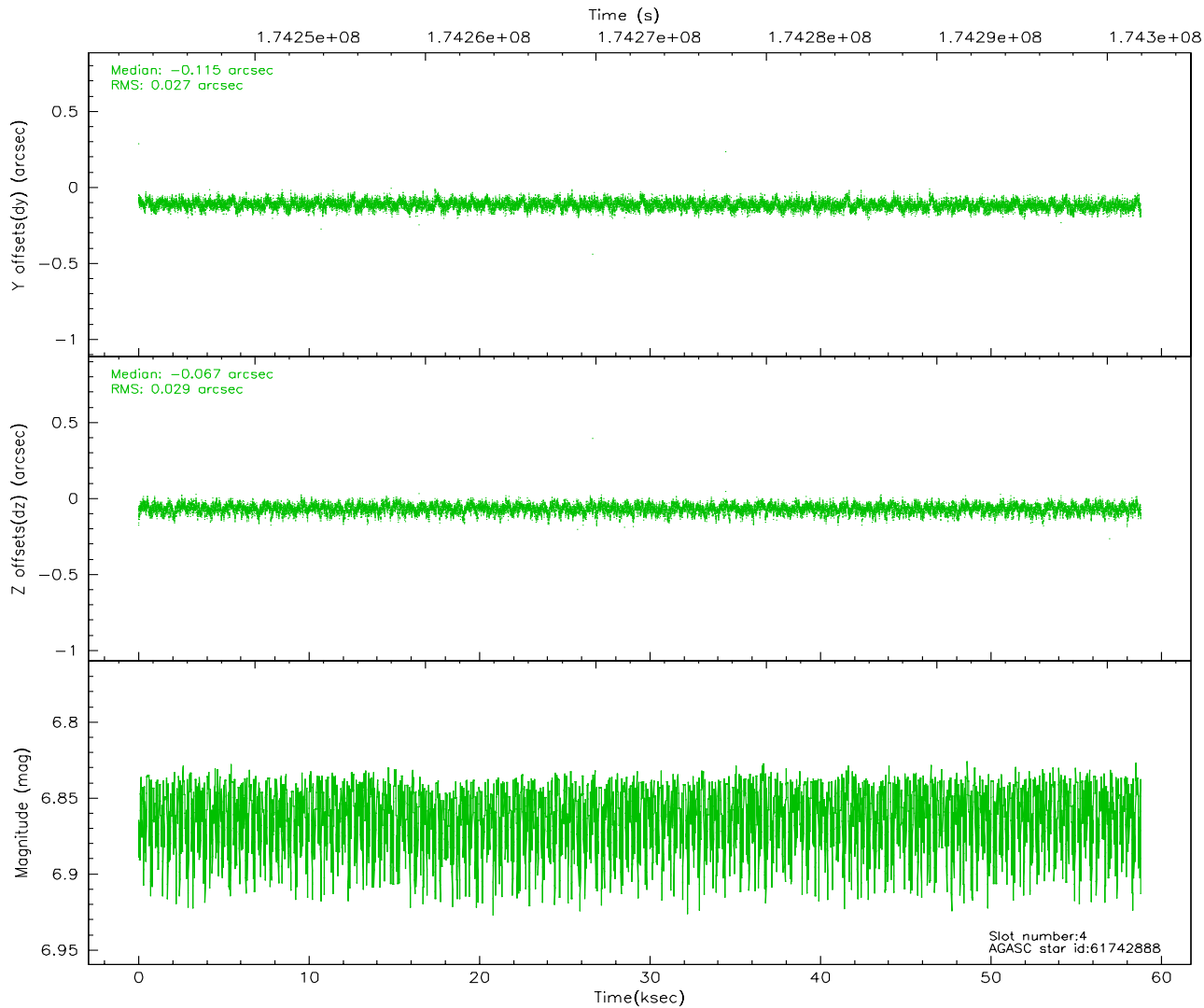
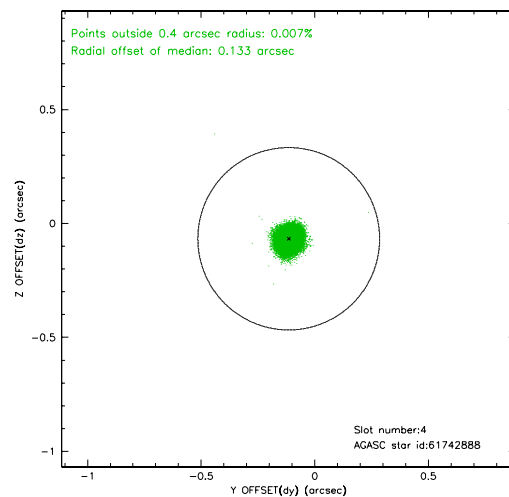
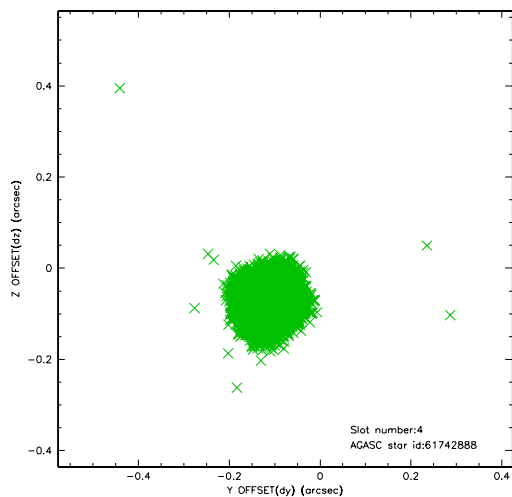
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	14342	-0.023	-0.024	0.007	0.011	0.000000	0.000000	-758.78	-1729.13
1	FID	ACIS-S-4	7.21	14341	0.028	0.017	0.005	0.009	0.000000	0.000000	2154.58	179.40
2	FID	ACIS-S-5	7.23	14340	-0.036	0.015	0.006	0.010	0.000000	0.000000	-1811.67	173.07
3	GUIDE	61739648	9.38	28666	0.023	0.052	0.084	0.137	288.314060	5.466193	-1319.63	-1614.97
4	GUIDE	61742888	6.86	28685	-0.115	-0.067	0.042	0.069	288.433450	5.515613	-1756.10	-1770.78
5	GUIDE	61742984	9.11	28671	-0.093	0.024	0.068	0.111	287.386211	5.323009	2028.29	-1273.94
6	GUIDE	61747728	9.09	28666	0.051	0.012	0.080	0.131	288.191054	4.754353	-746.64	921.46
7	GUIDE	61735112	8.98	28673	0.133	-0.019	0.078	0.127	287.407547	5.552633	1908.46	-2095.37

2.4 Star Slots

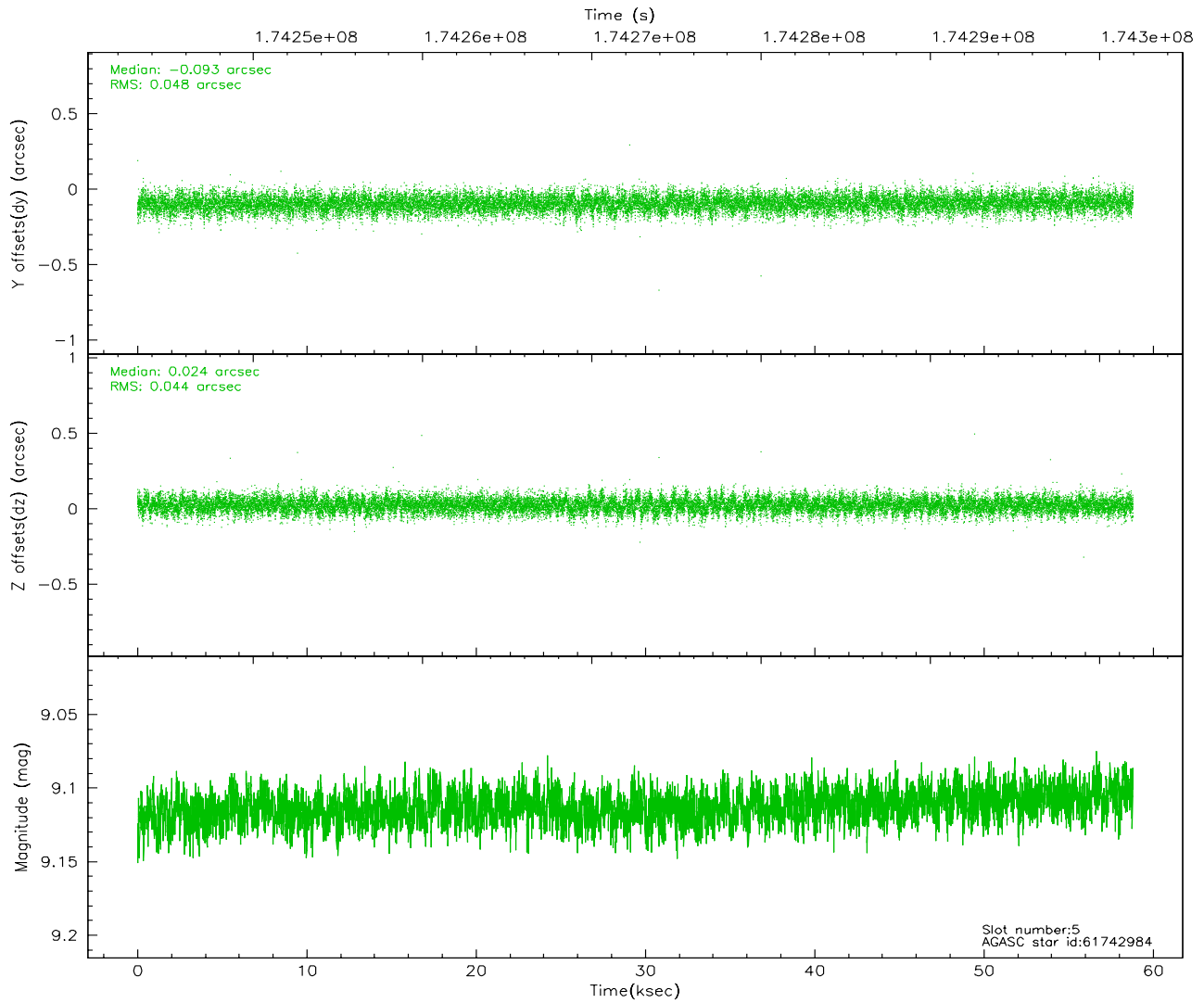
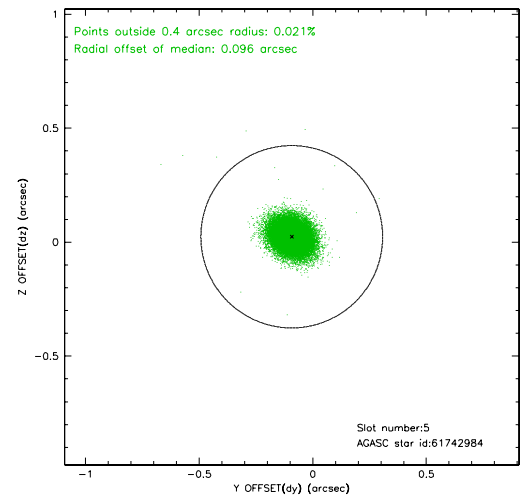
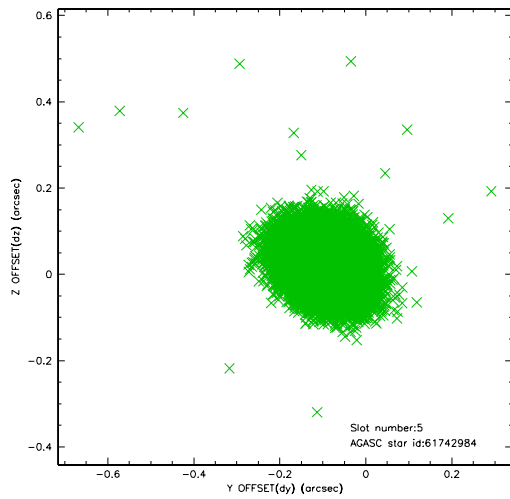
2.4.1 Slot 3



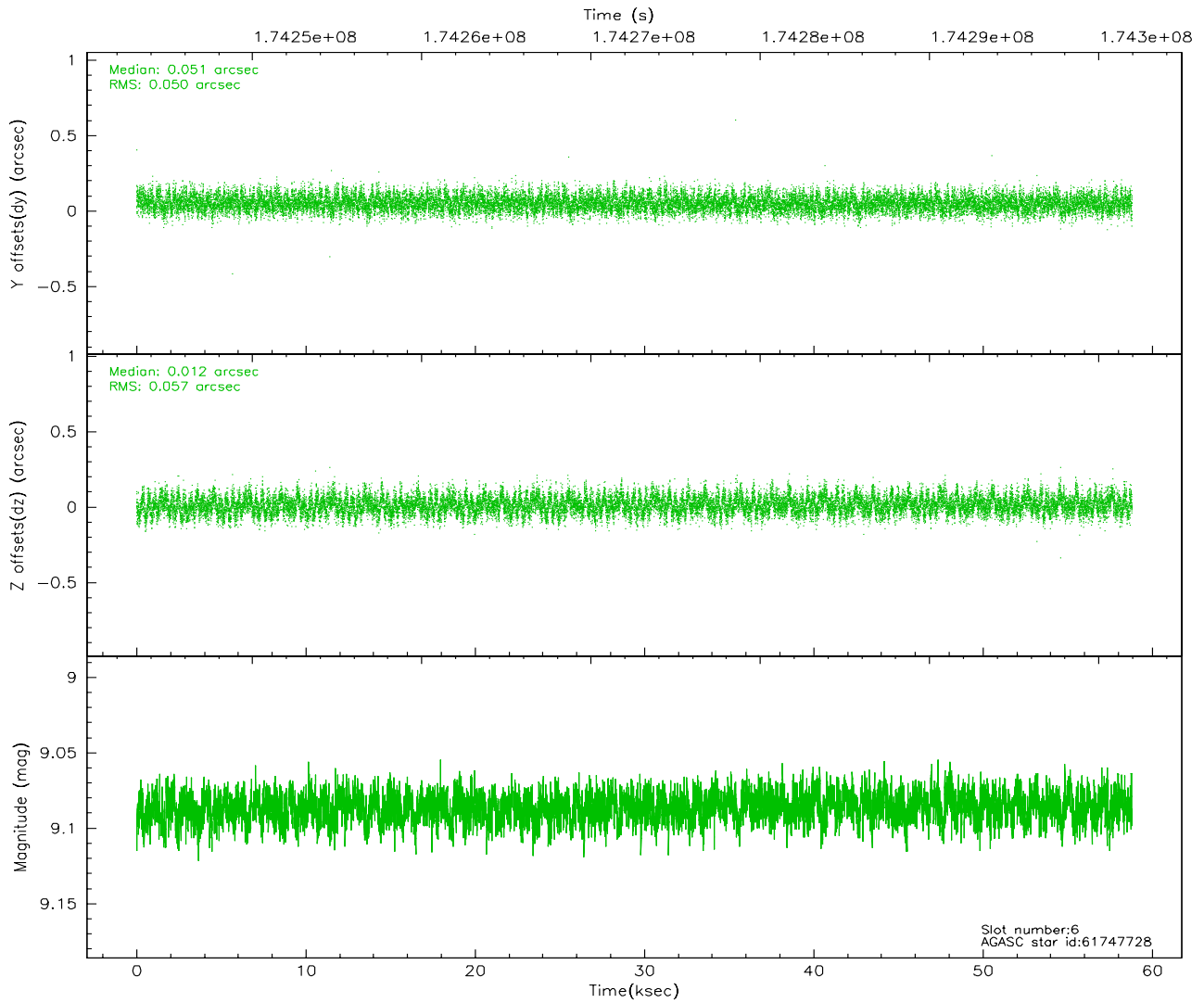
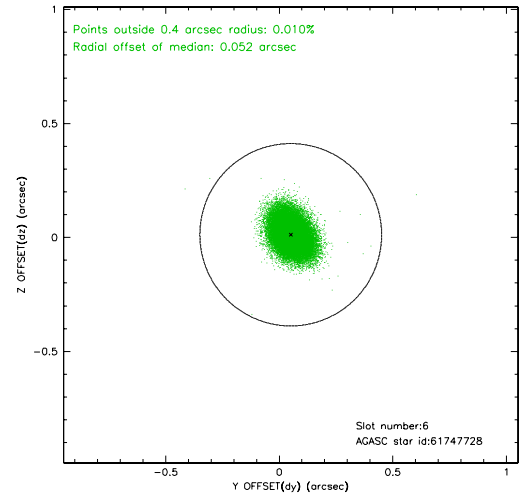
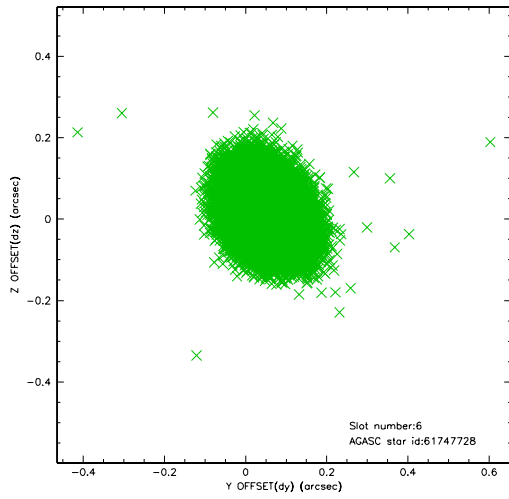
2.4.2 Slot 4



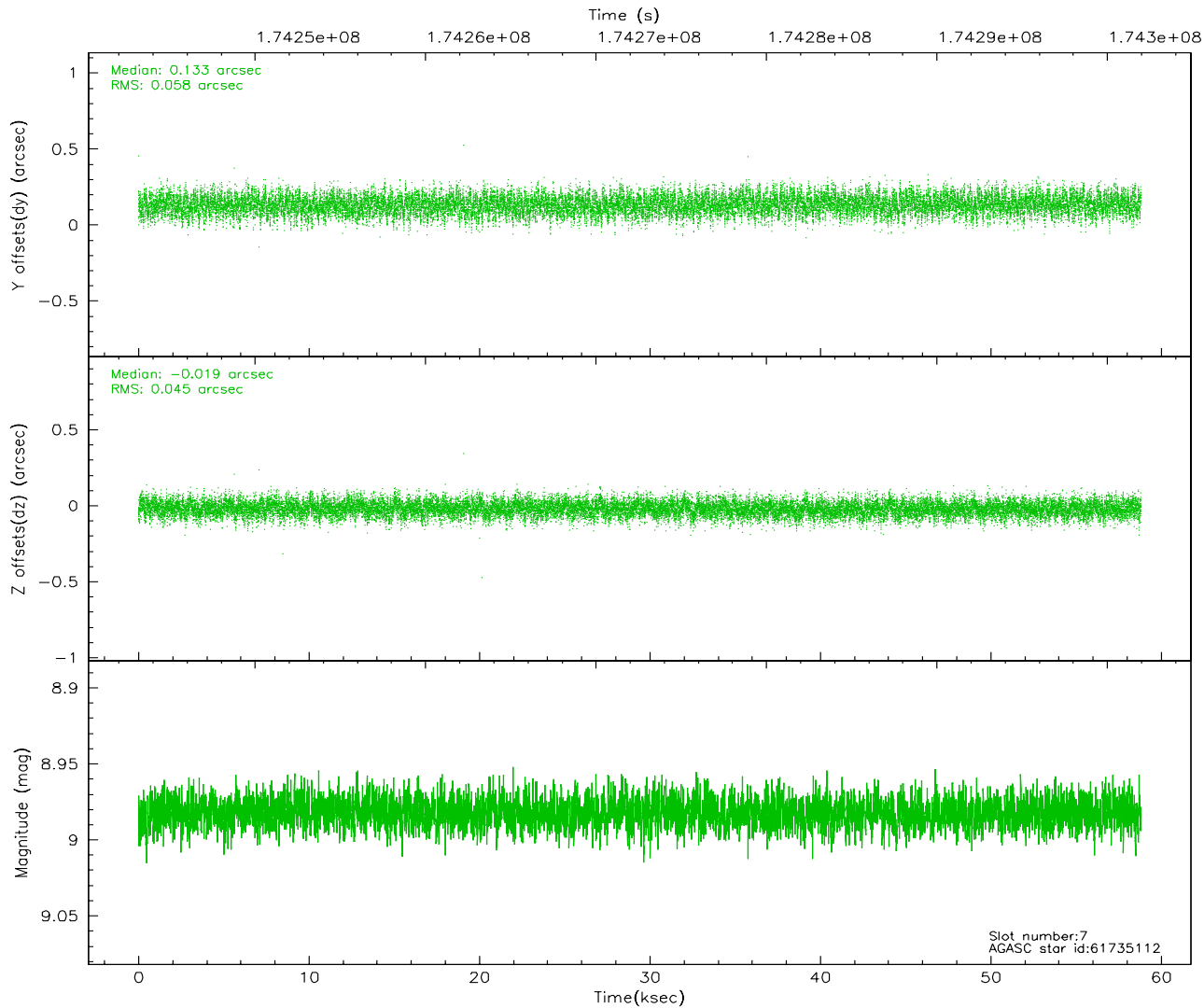
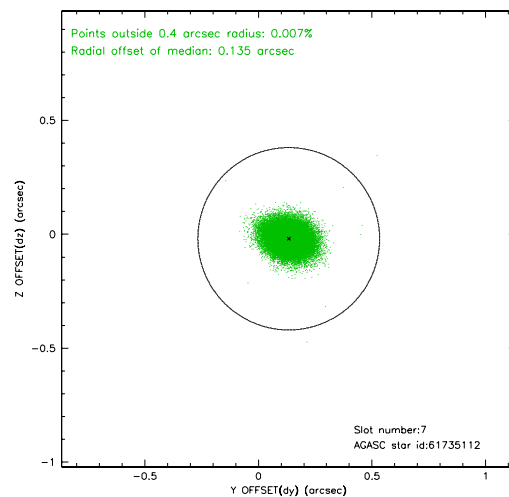
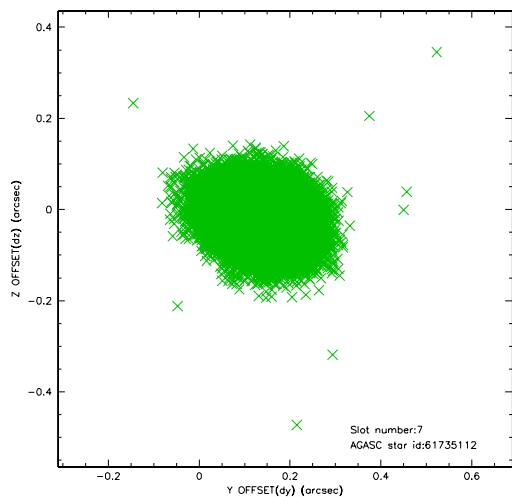
2.4.3 Slot 5



2.4.4 Slot 6

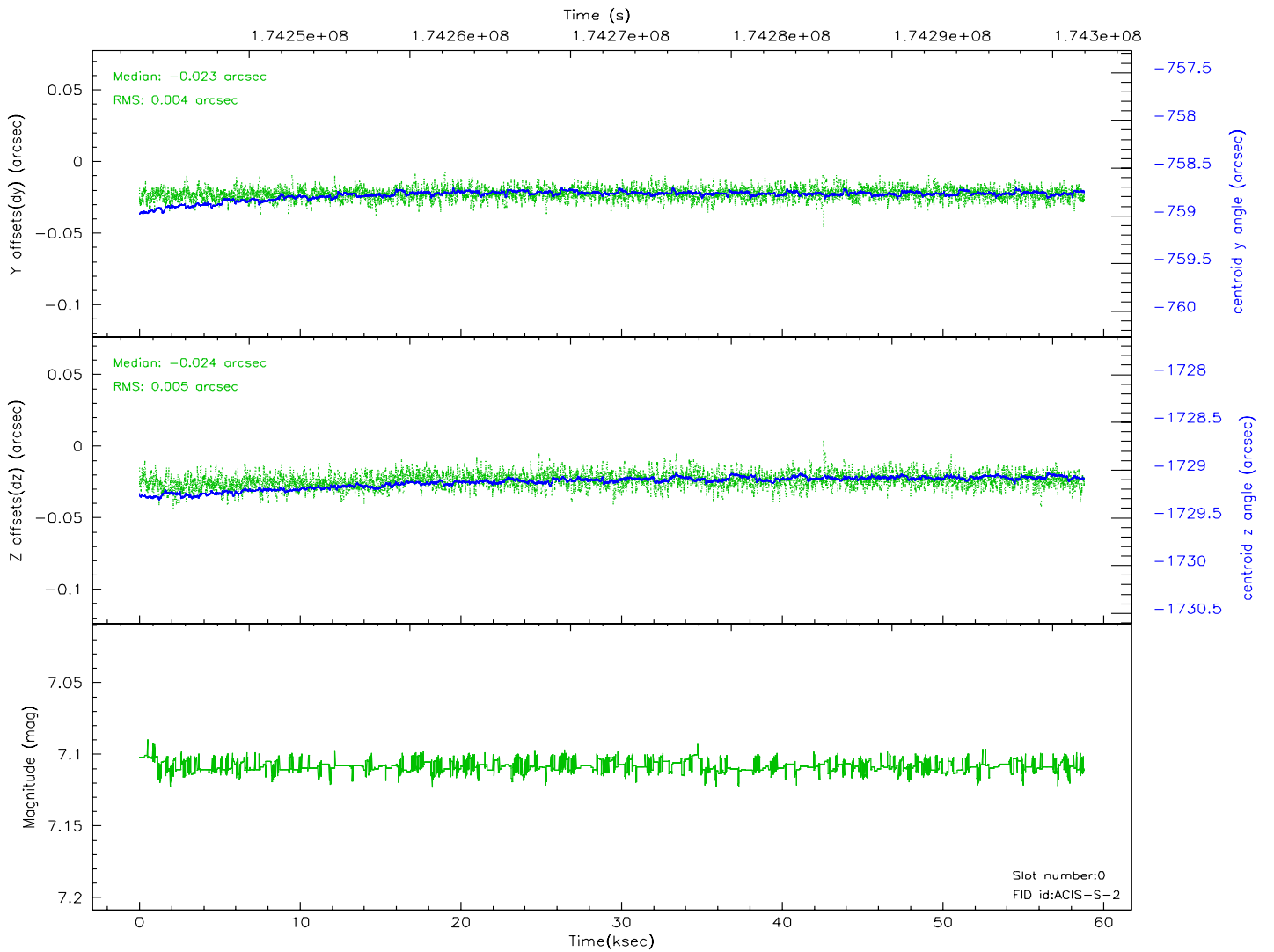
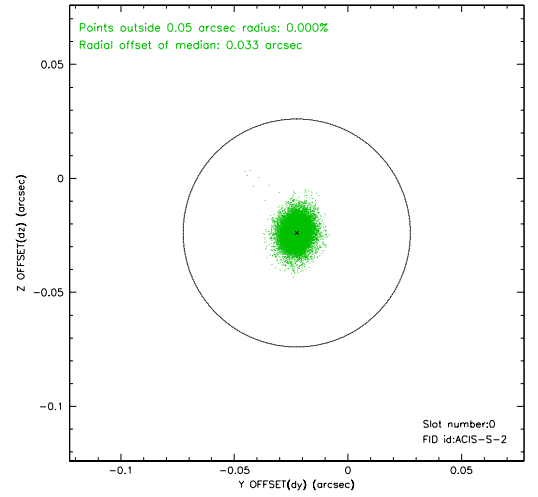
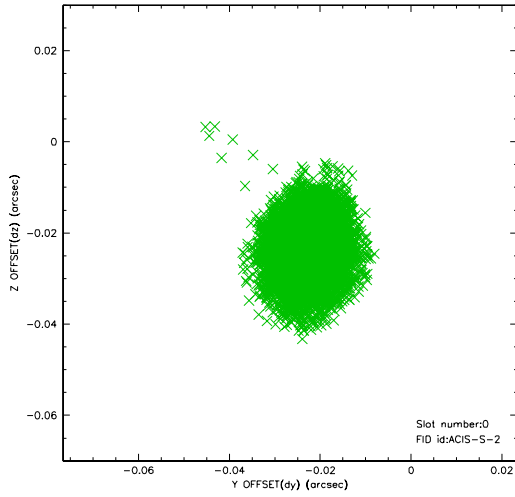


2.4.5 Slot 7

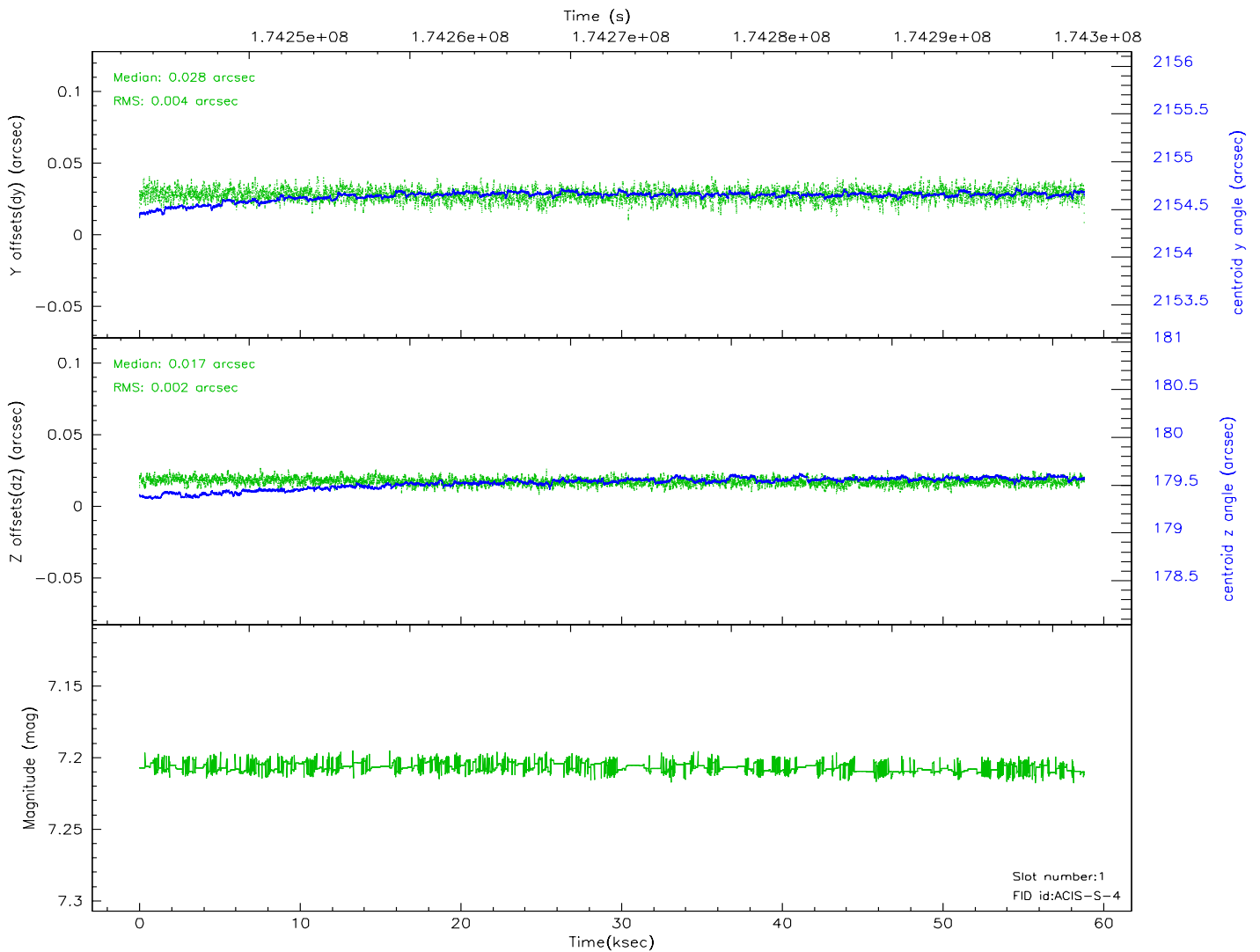
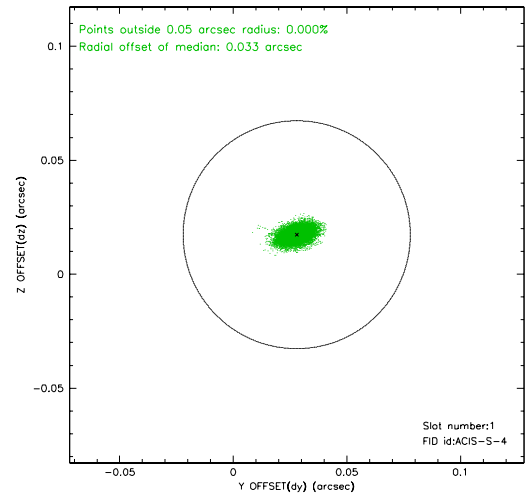
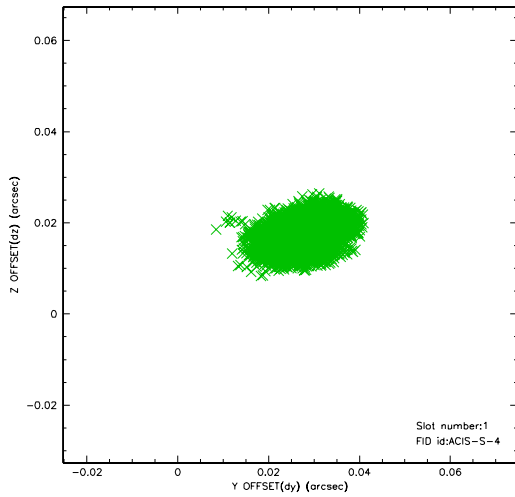


2.5 FID Slots

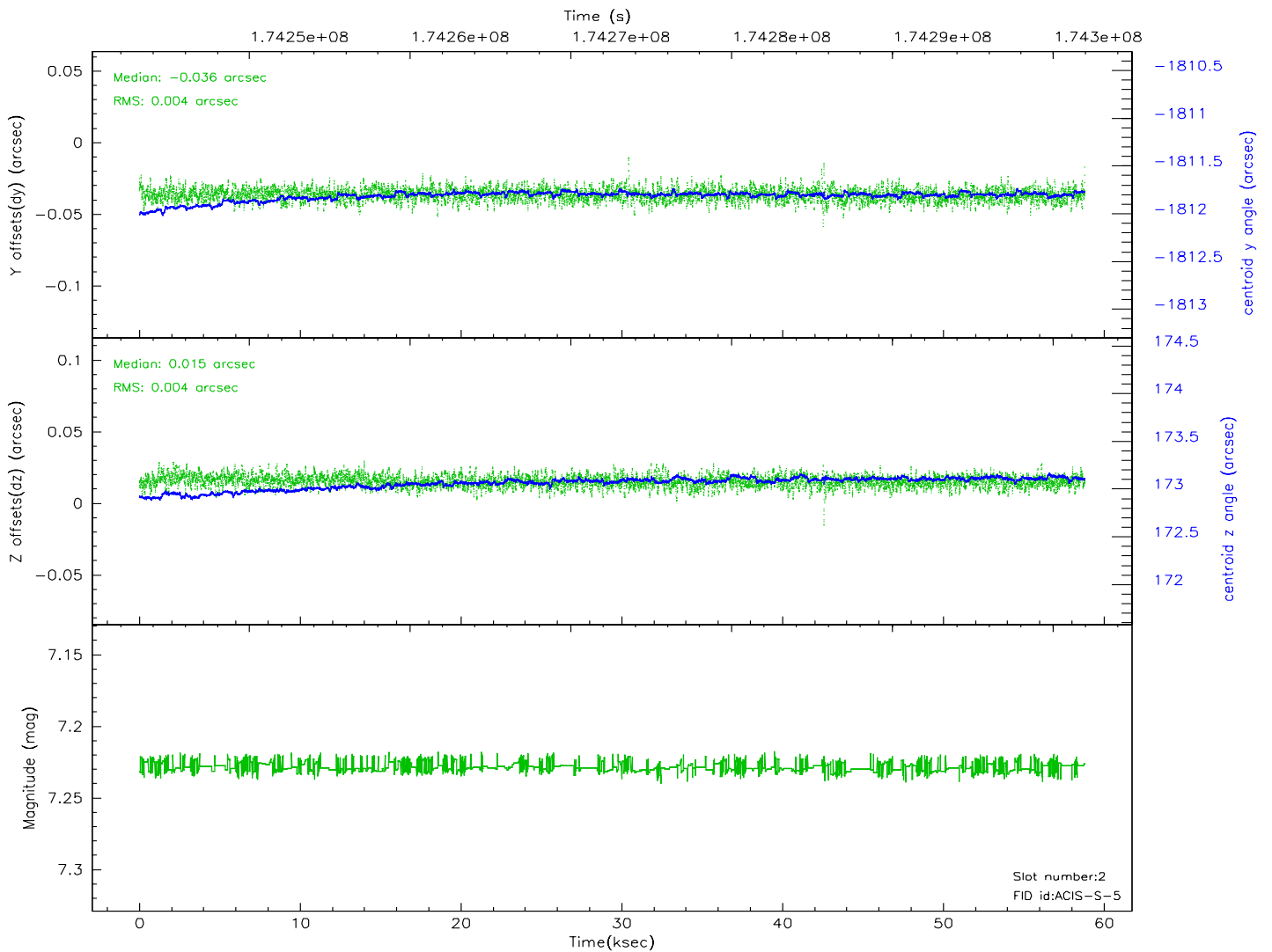
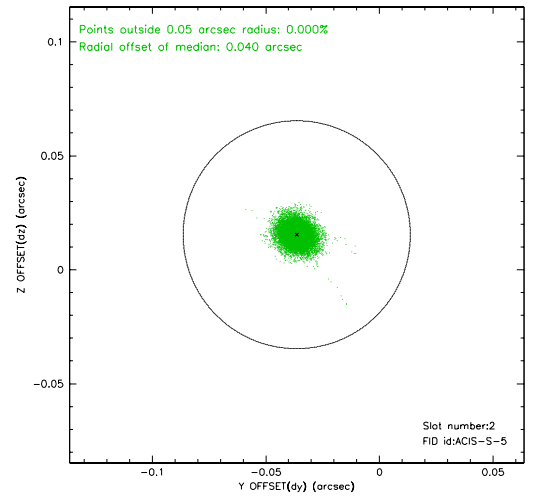
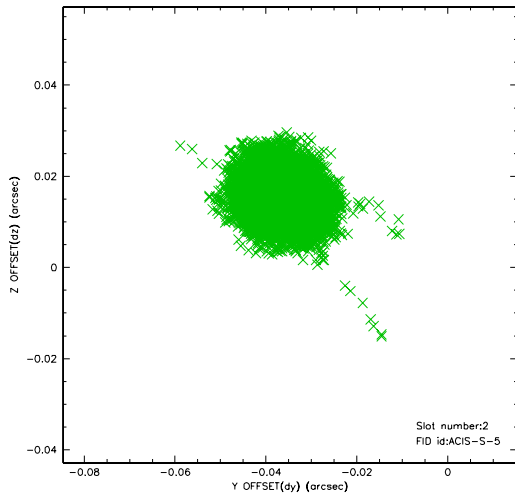
2.5.1 Slot 0



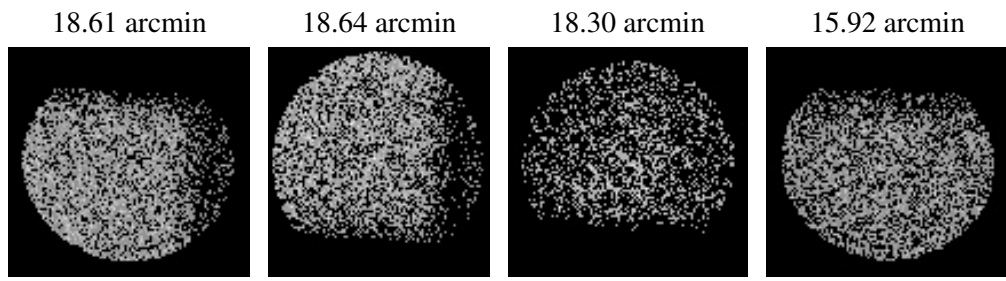
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	58.806

A.2 Comments