

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2025 - L2 Version 001
Chandra X-Ray Center

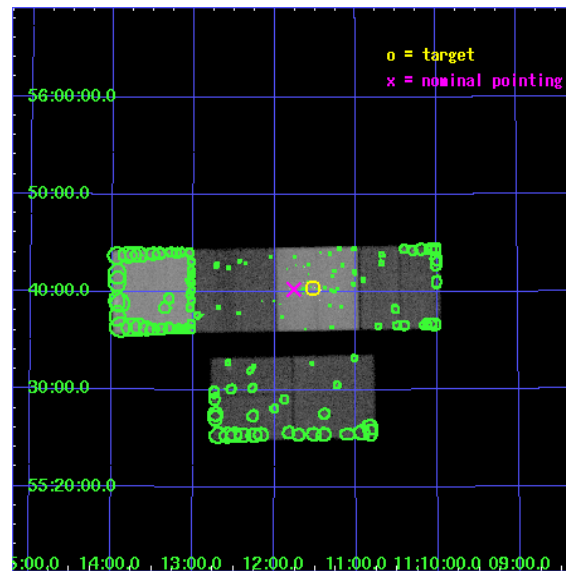
L2 Processing Date : Dec 31 2006

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1 Front

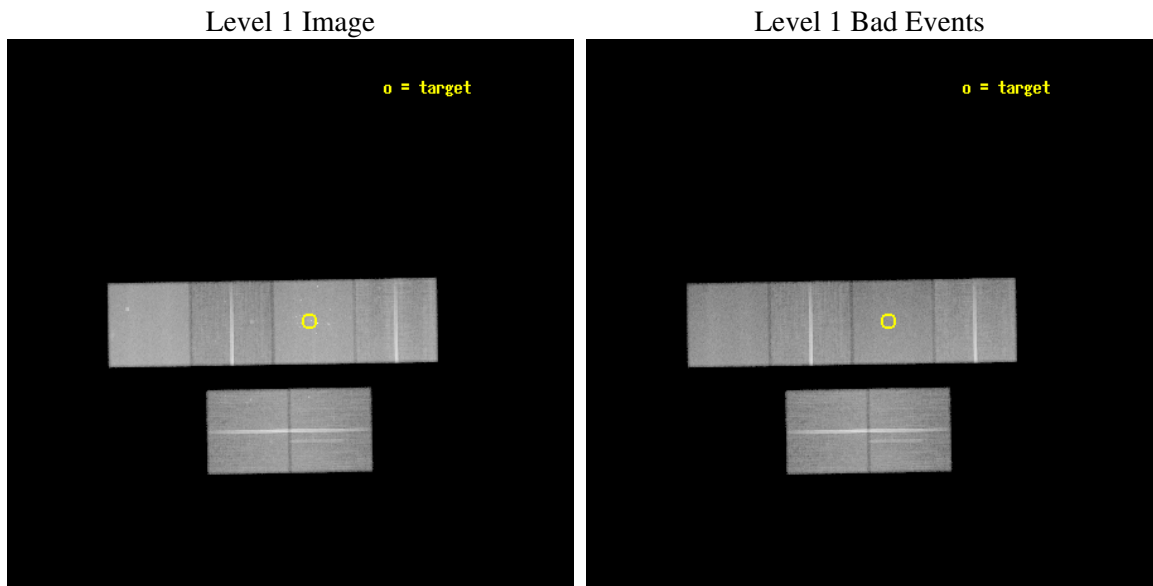
seq_num	600159
obs_id	2025
title	X-RAY OBSERVATIONS OF EDGE-ON DISK GALAXIES WITH RADIO HALOS
observer	Prof. Q. Daniel Wang
object	NGC 3556
dtcycle	0
cycle	P
ra_targ	167.880417
dec_targ	55.674444
ra_nom	167.94050842726
dec_nom	55.672080747076
roll_nom	359.02201333638
revision	2
ontime	60124.800055996
livetime	59363.463634878
ontime2	60124.800055996
ontime3	60124.800055996
ontime5	60121.55909574
ontime6	60124.800055996
ontime7	60124.800055996
ontime8	60124.800055996
l2events	575750



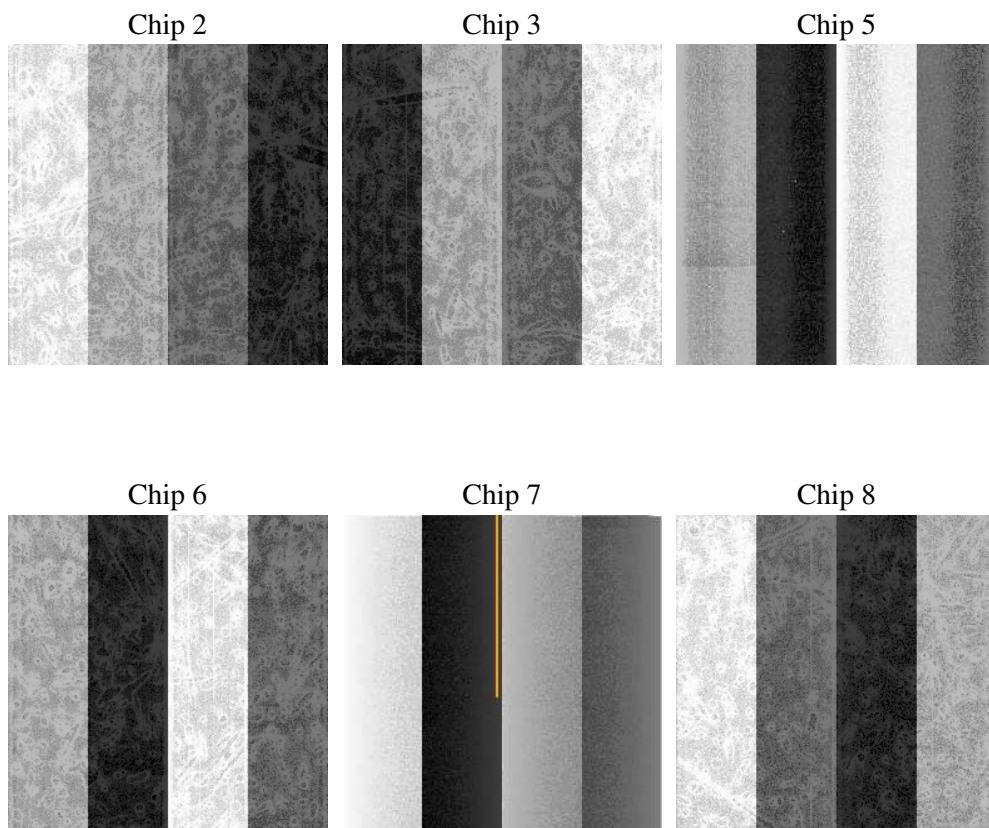
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-31T07:13:45
revision	2

sched_exp_time	60000.000000
ontime	60276.062882021
ontime2	60276.062852114
ontime3	60276.062852114
ontime5	60272.821921766
ontime6	60276.062852114
ontime7	60276.062882021
ontime8	60276.062852114
l1events	2692934

2.1.4 Events

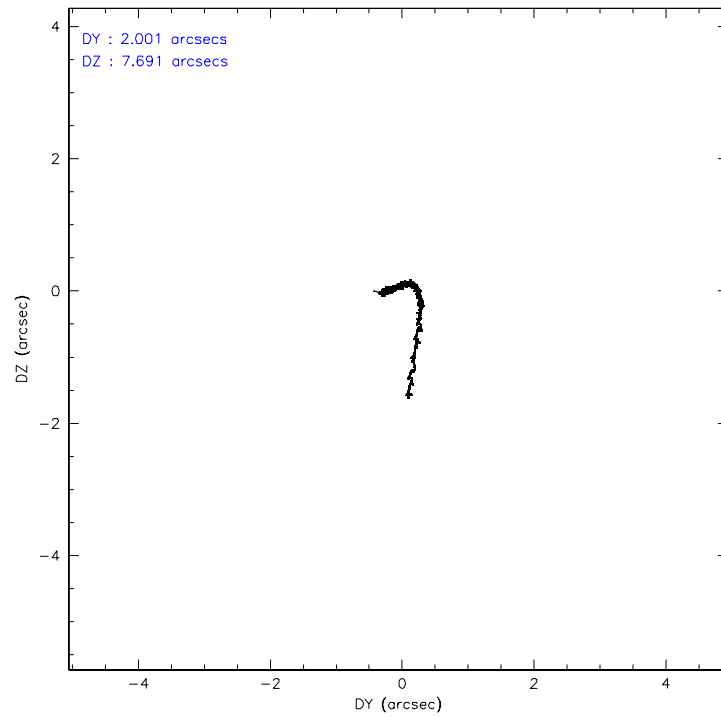
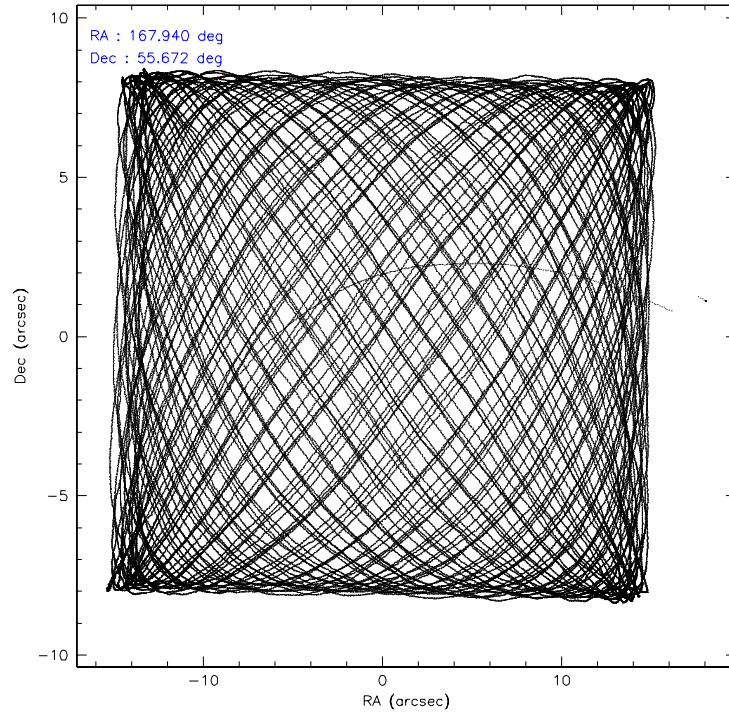
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	399852	384314	534682	390865	504767	478454
rejected events	355276	341532	304630	346500	306856	382081
rejected %	88%	88%	56%	88%	60%	79%

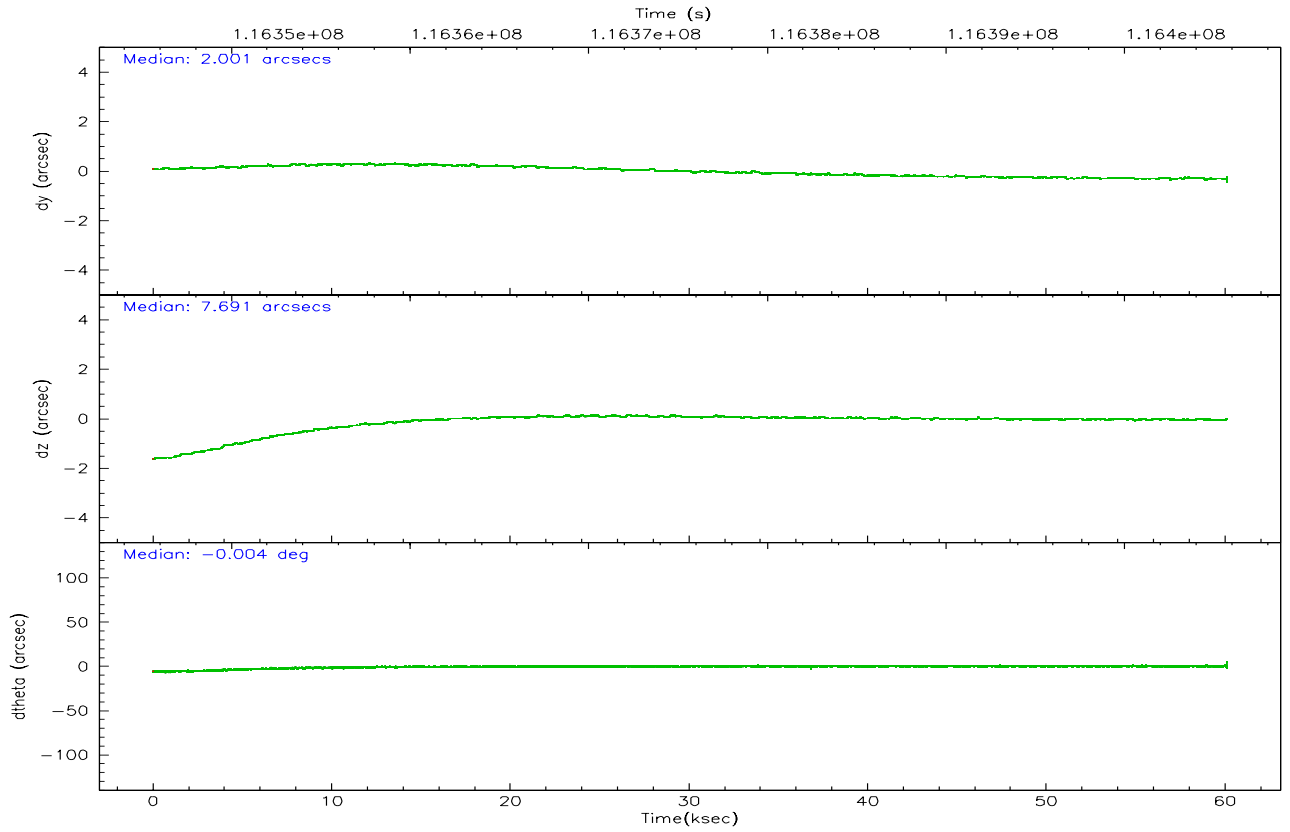
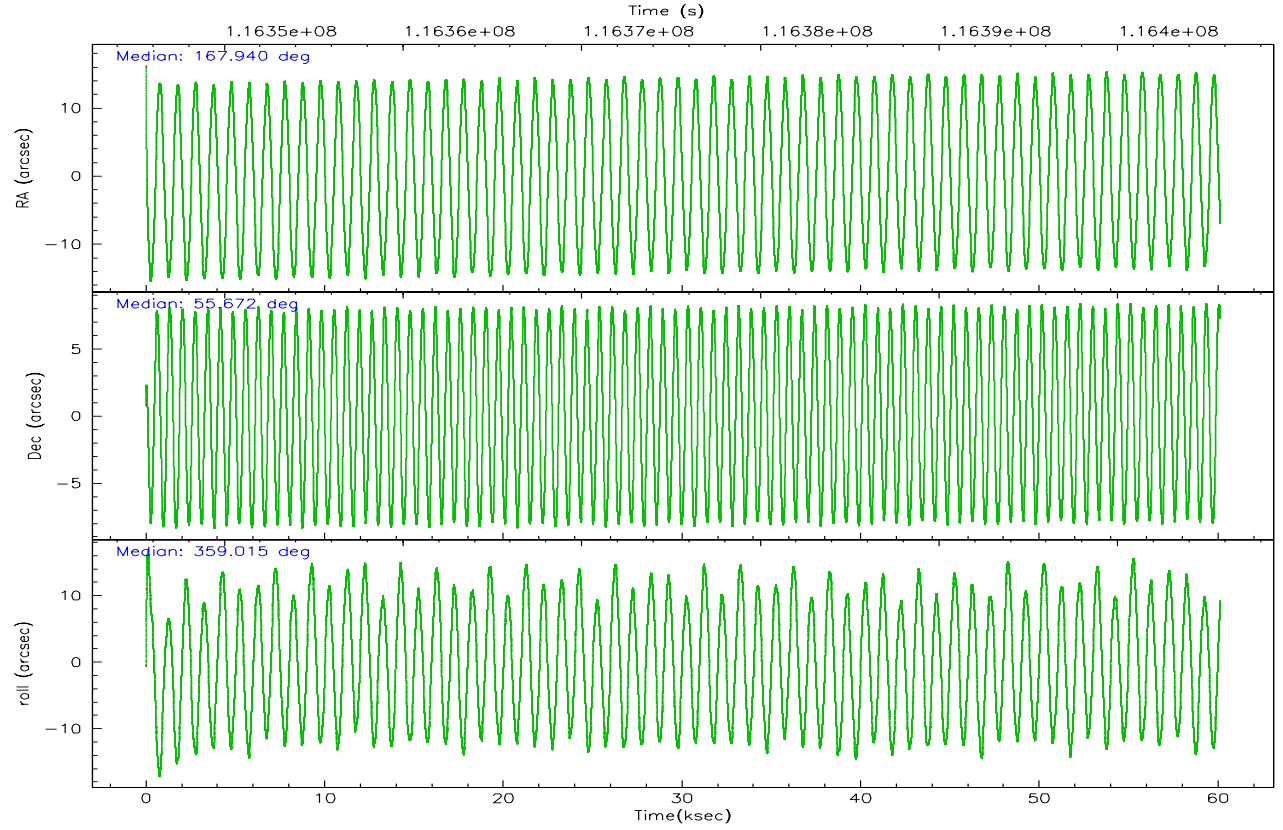
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	19276	18118	11543	17997	14186	30202
	4%	4%	2%	4%	2%	6%
grade 1 events	190	131	404	192	289	270
	0%	0%	0%	0%	0%	0%
grade 2 events	9595	8662	71746	8903	48720	20941
	2%	2%	13%	2%	9%	4%
grade 3 events	4106	4235	5634	4412	11014	10389
	1%	1%	1%	1%	2%	2%
grade 4 events	4009	4150	5338	4315	10735	9628
	1%	1%	0%	1%	2%	2%
grade 5 events	13523	14989	26401	16011	33753	20474
	3%	3%	4%	4%	6%	4%
grade 6 events	7710	7732	136442	8852	113726	25412
	1%	2%	25%	2%	22%	5%
grade 7 events	341443	326297	277174	330183	272344	361138
	85%	84%	51%	84%	53%	75%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	167.898511	167.9405084272566	Subarray requested	NONE	NONE
Pointing Dec	55.658576	55.67208074707602	Alternating exposures requested	N	N
Pointing Roll	358.900065	359.0220133363761	Primary exposure time	0.000000	3.2
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	116345748.184000	116344626.33053			
Observation start date	2001-09-08T14:14:44	2001-09-08T13:57:06			
Observation end time	116405748.184000	116406105.32046			
Observation end date	2001-09-09T06:54:44	2001-09-09T07:01:45			
Read mode	TIMED	TIMED			

2.3 Aspect



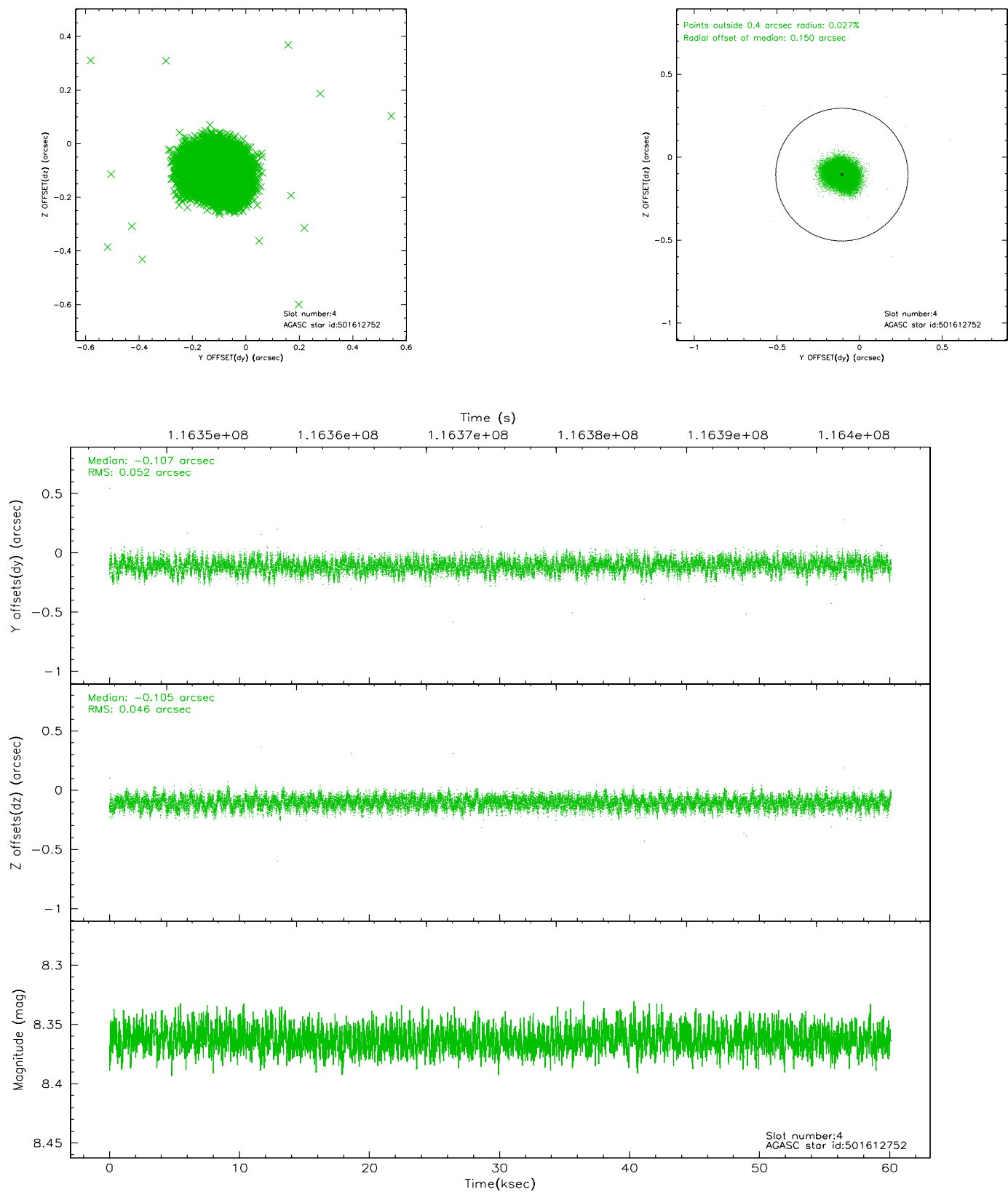


Slot Statistics

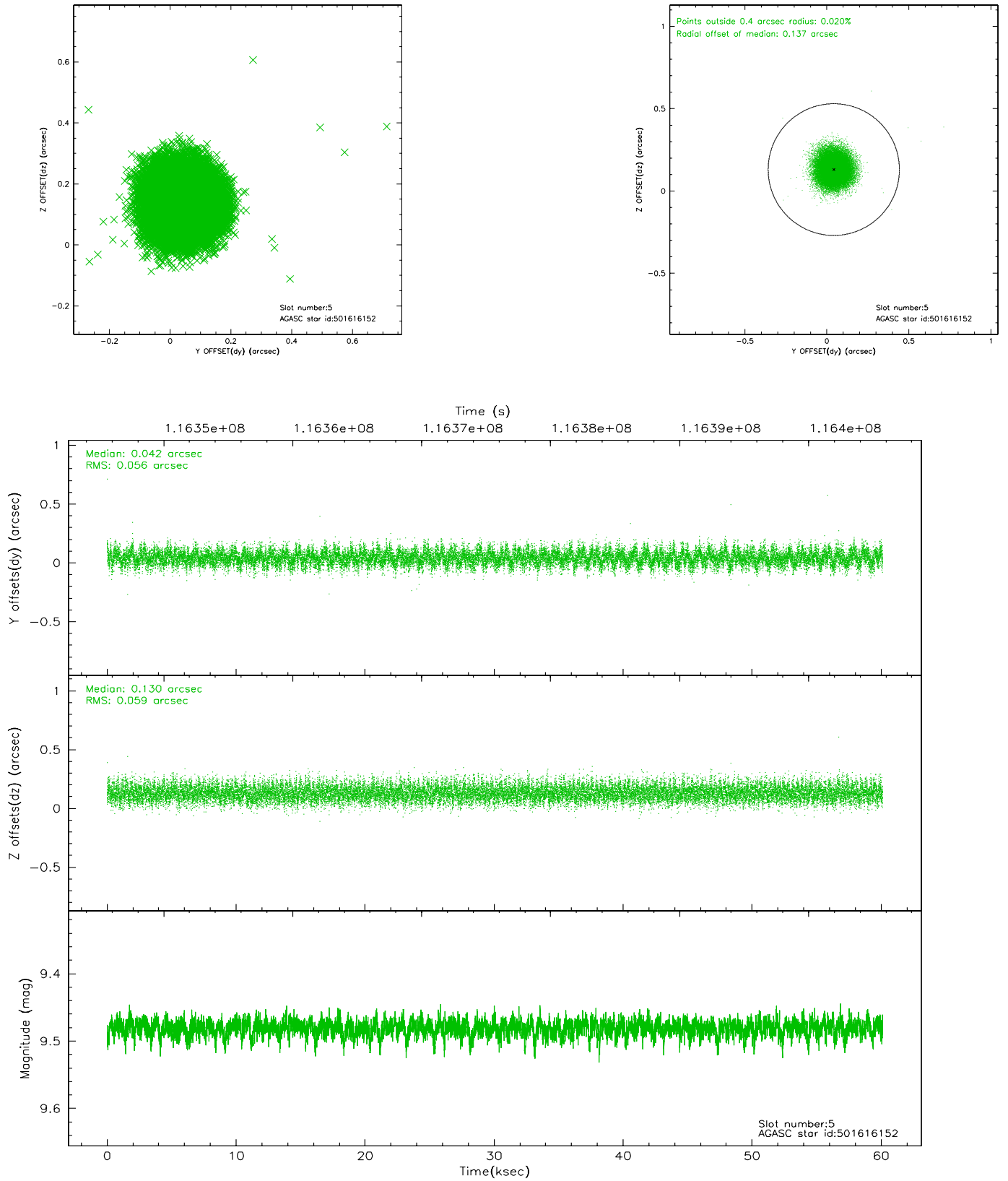
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	14664	-0.001	0.018	0.008	0.022	0.000000	0.000000	-754.62	-1728.69
1	FID	ACIS-S-4	7.19	14659	-0.100	-0.004	0.008	0.026	0.000000	0.000000	2158.59	179.80
2	FID	ACIS-S-5	7.24	14662	0.069	-0.005	0.009	0.017	0.000000	0.000000	-1807.43	173.44
3	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
4	GUIDE	501612752	8.36	29322	-0.107	-0.105	0.074	0.118	167.319414	55.719571	-1177.46	202.42
5	GUIDE	501616152	9.48	29308	0.042	0.130	0.087	0.138	167.041797	55.145032	-1725.84	-1870.73
6	GUIDE	501615776	8.47	29320	-0.049	0.086	0.059	0.095	168.016087	55.169575	276.47	-1754.39
7	GUIDE	501612568	9.14	29309	0.113	-0.108	0.087	0.139	167.560299	55.692121	-687.40	109.75

2.4 Star Slots

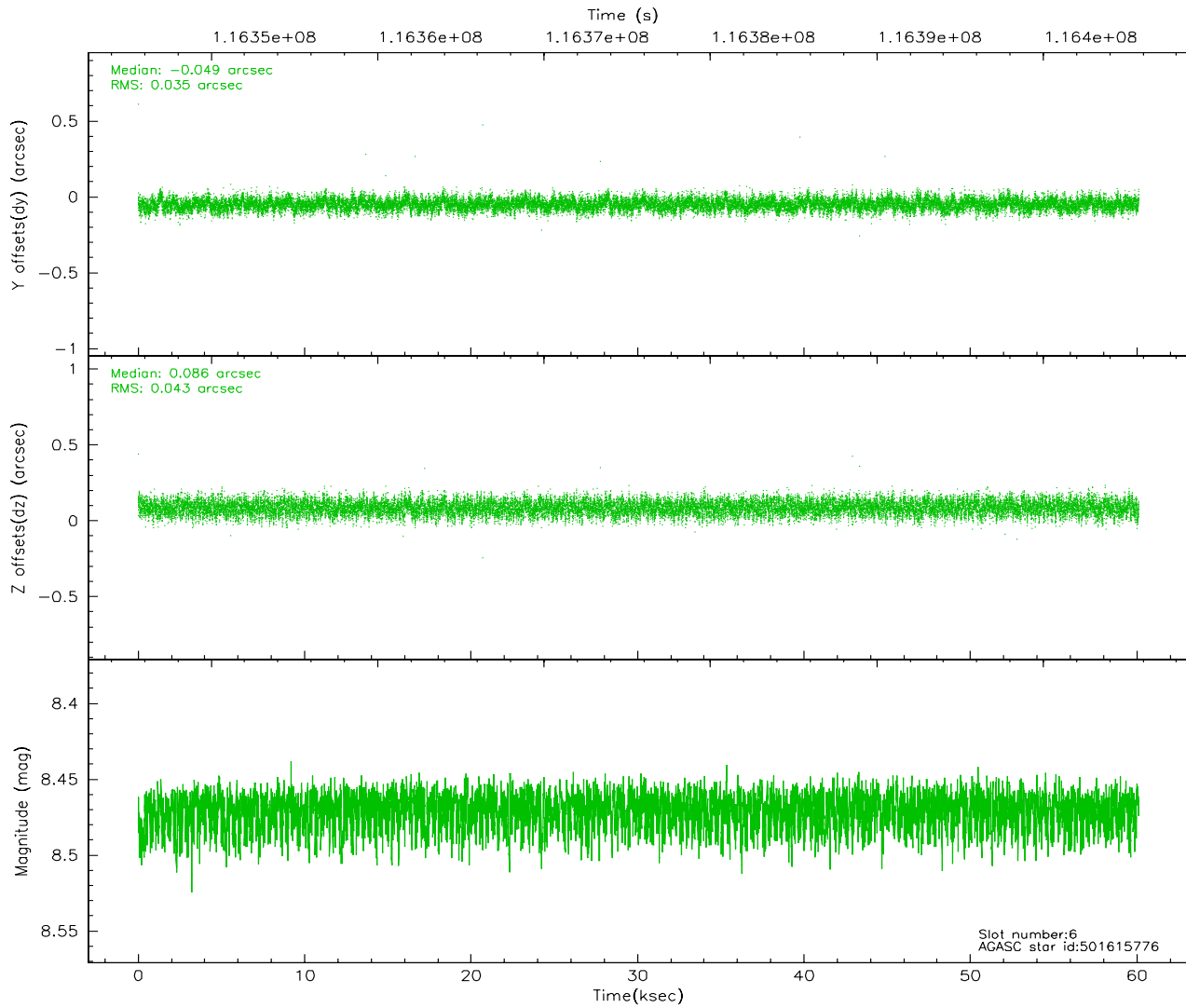
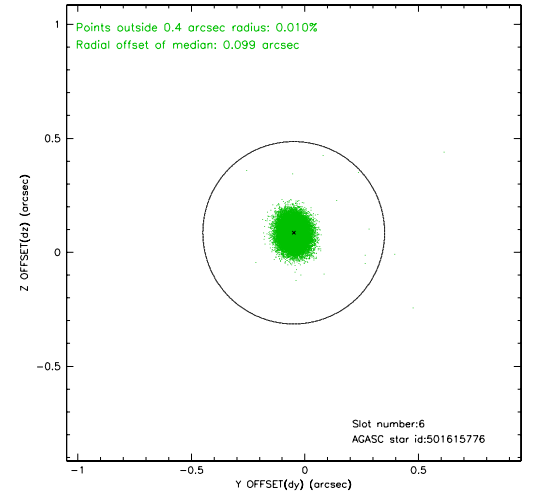
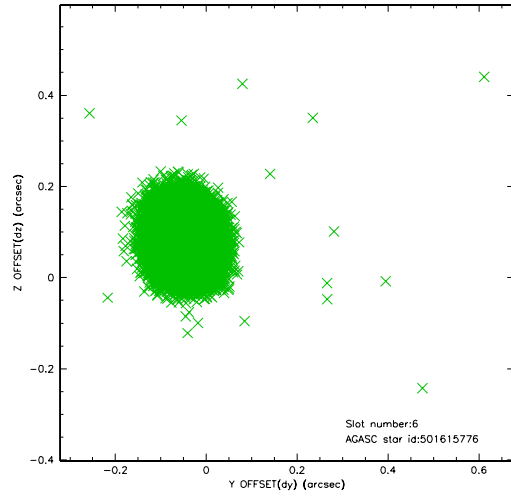
2.4.1 Slot 4



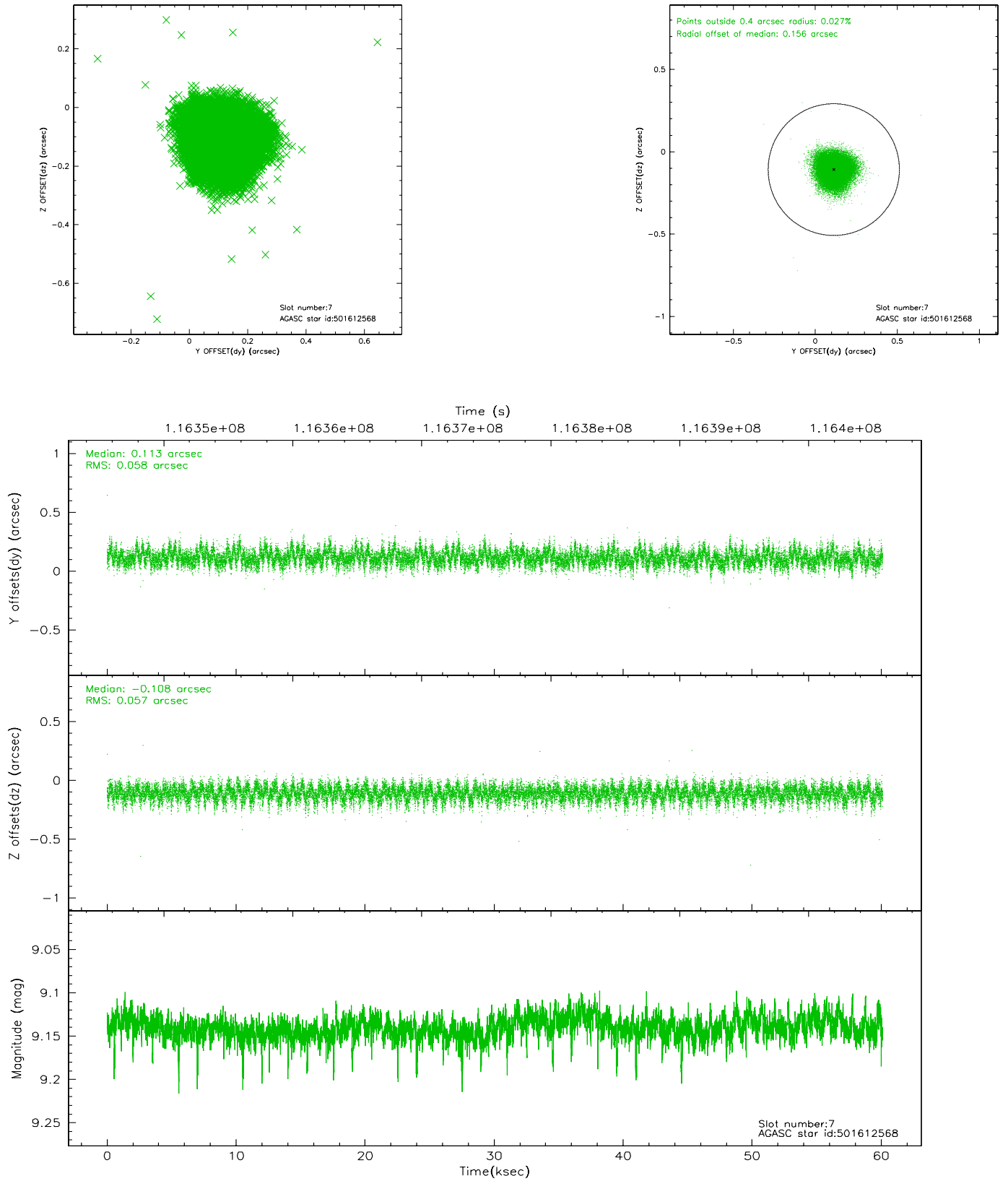
2.4.2 Slot 5



2.4.3 Slot 6

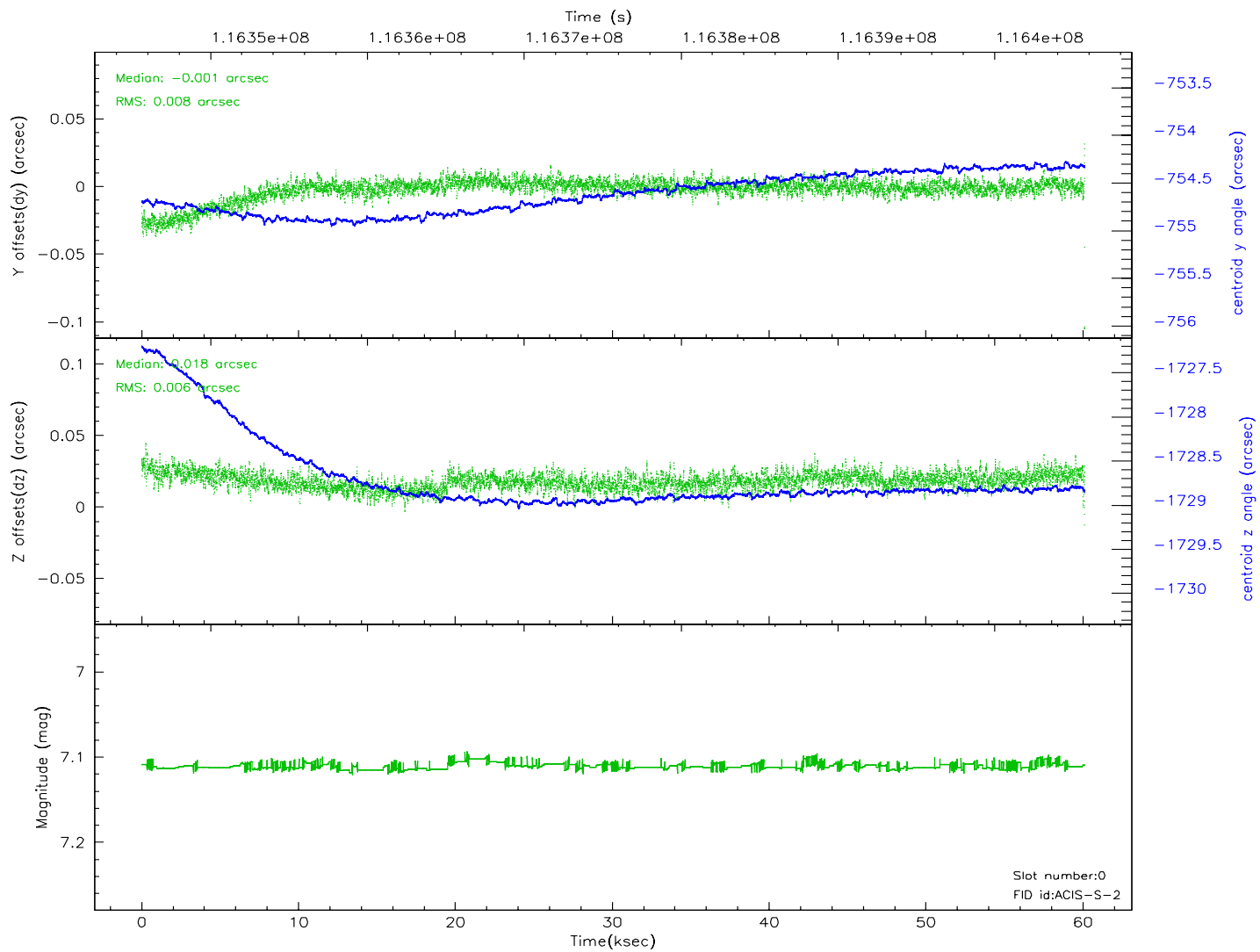
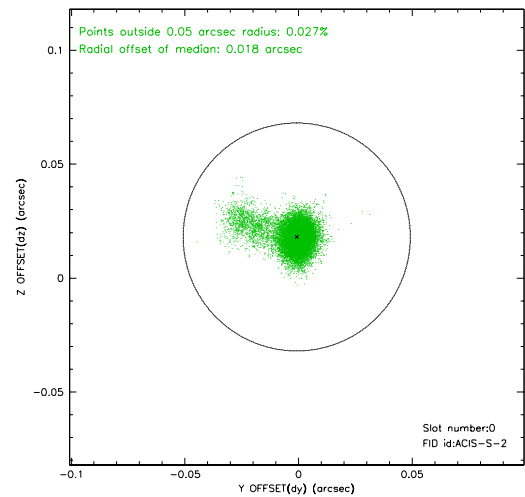
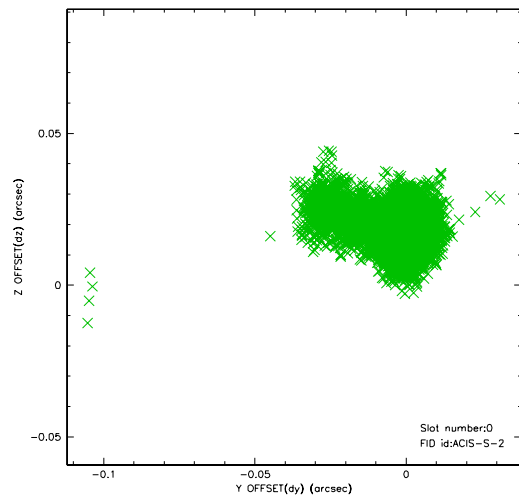


2.4.4 Slot 7

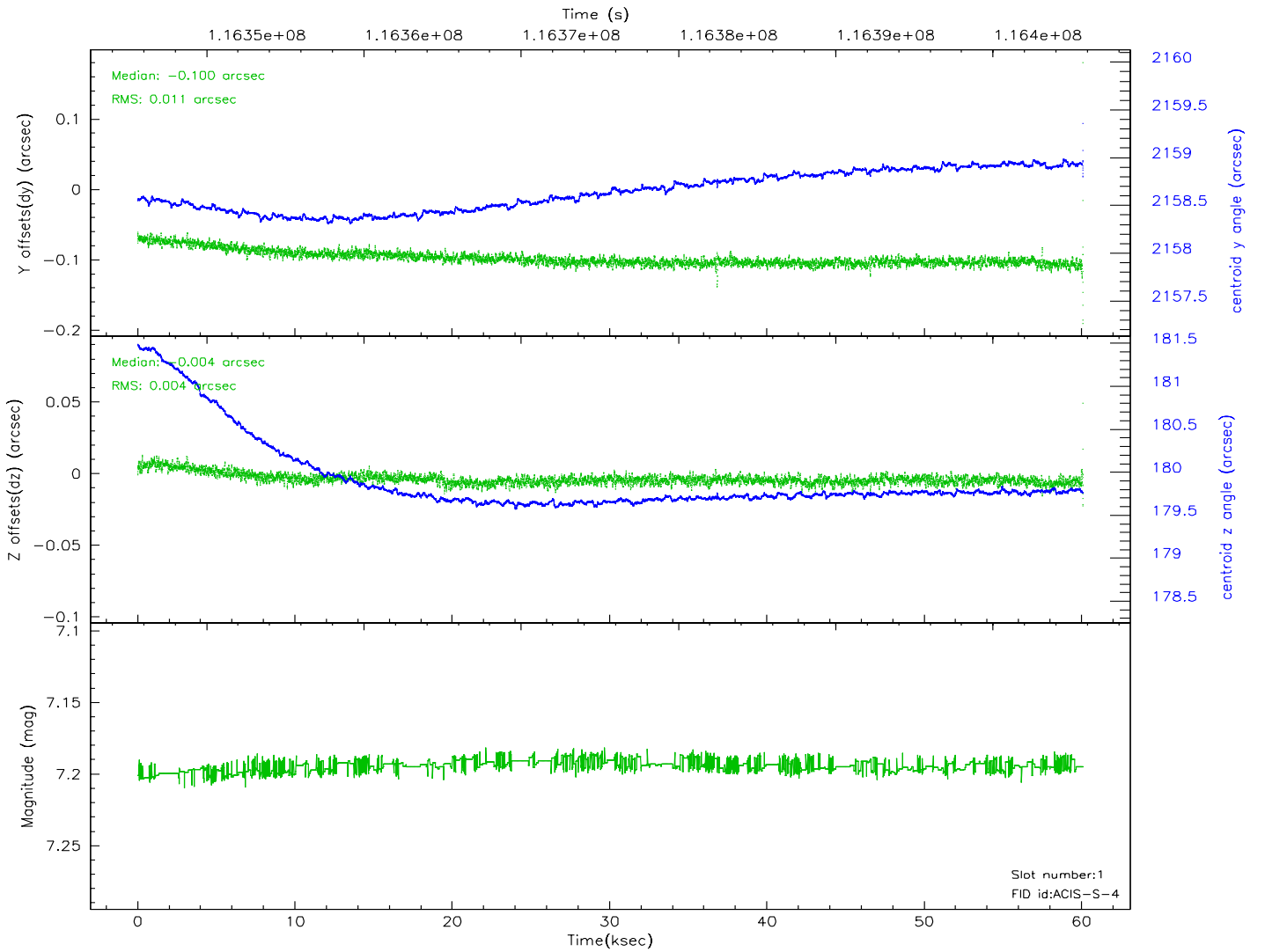
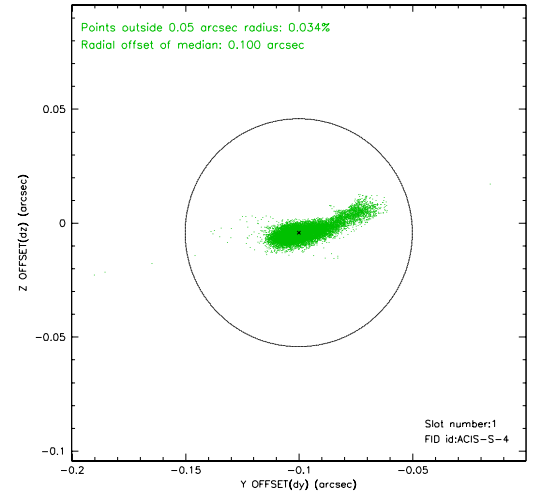
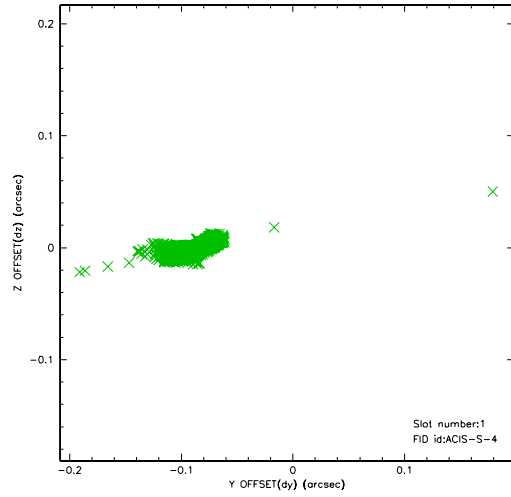


2.5 FID Slots

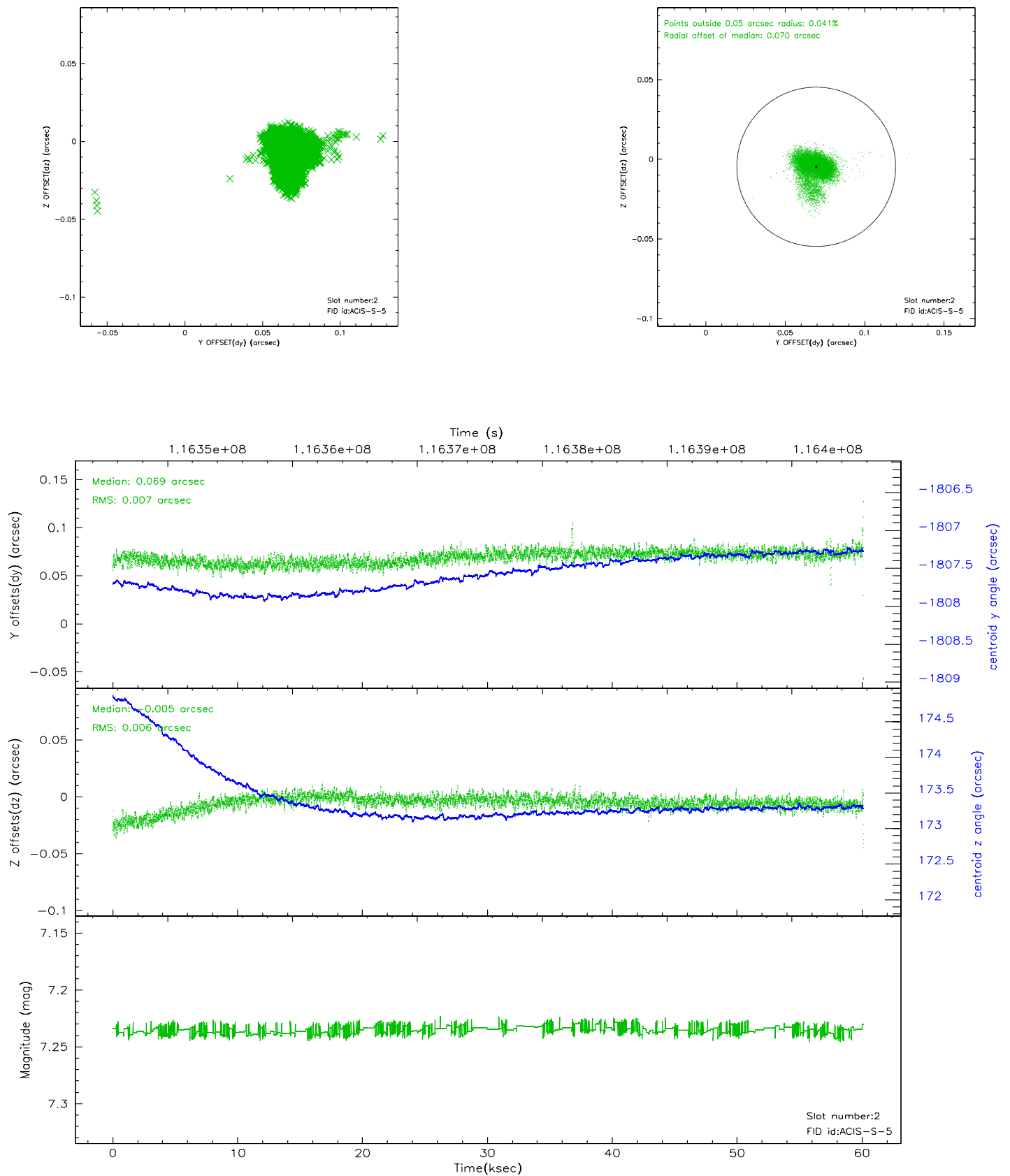
2.5.1 Slot 0



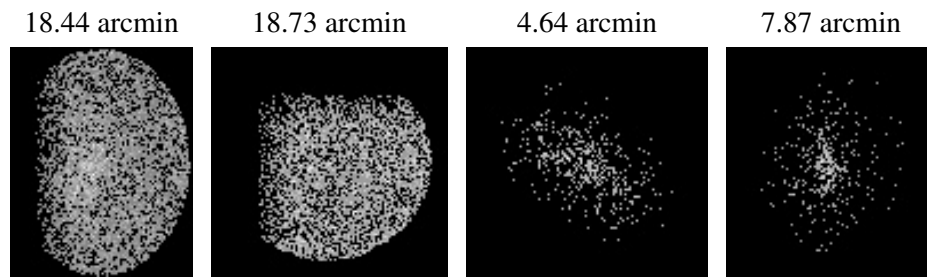
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.01.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	60.124

A.2 Comments