

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4466 - L2 Version 001
Chandra X-Ray Center

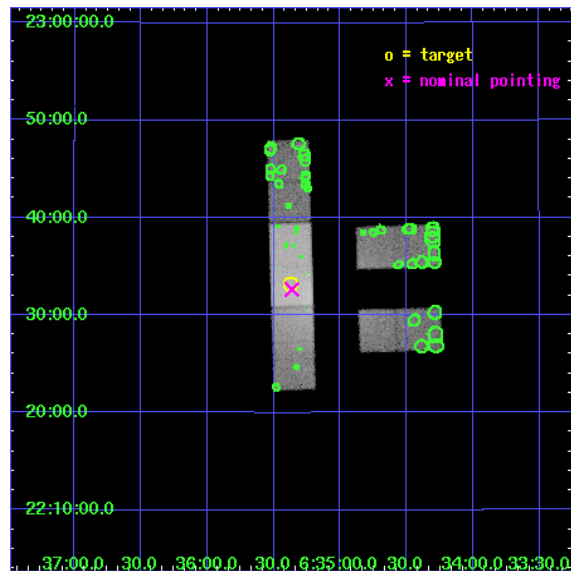
L2 Processing Date : Jun 6 2006

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1 Front

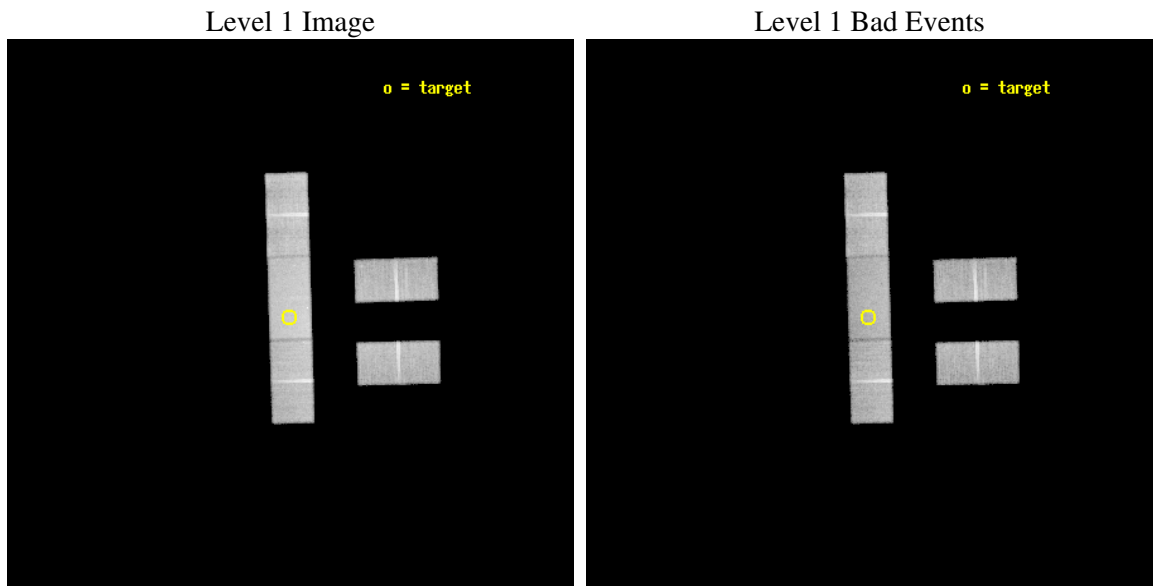
seq_num	100049
obs_id	4466
title	SEARCH FOR X-RAYS FROM SATURNIAN SYSTEM
observer	DR. J WAITE
object	SATURN
dtcycle	0
cycle	P
ra_targ	98.84301
dec_targ	22.55375
ra_nom	98.840880384578
dec_nom	22.544295135954
roll_nom	268.35874586231
revision	2
ontime	38273.717731208
livetime	37371.525147643
ontime2	38275.458731413
ontime3	38273.717721224
ontime6	38273.717731208
ontime7	38273.717731208
ontime8	38273.717691362
l2events	173129



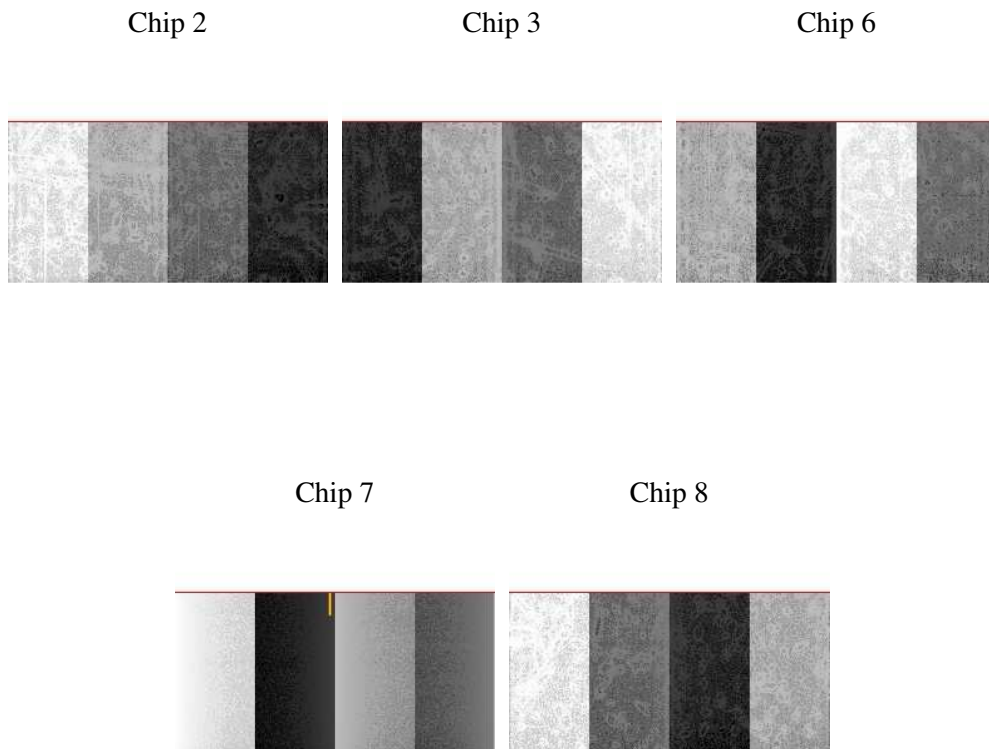
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-07T00:05:58
revision	2

sched_exp_time	37819.587000
ontime	38300.787090391
ontime2	38302.528090596
ontime3	38300.787080407
ontime6	38300.787090391
ontime7	38300.787090391
ontime8	38300.787050545
l1events	802410

2.1.4 Events

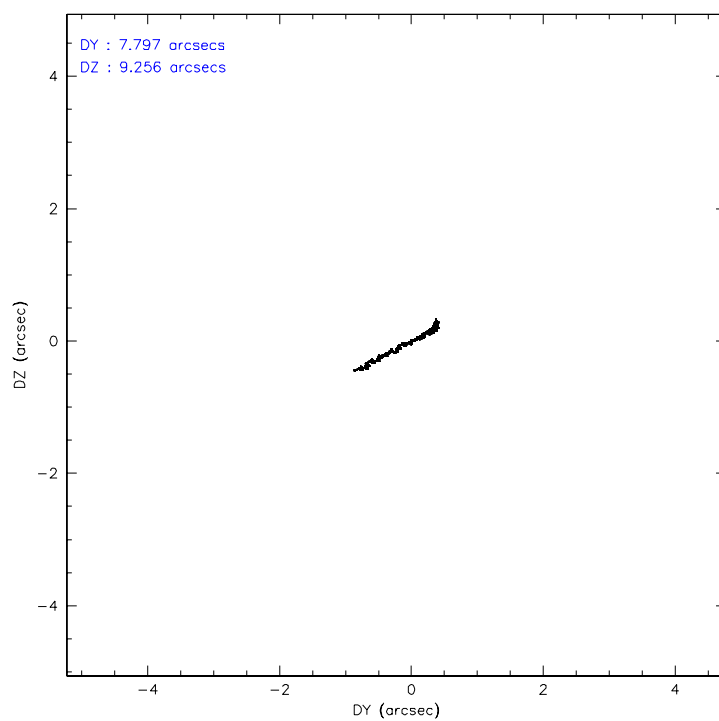
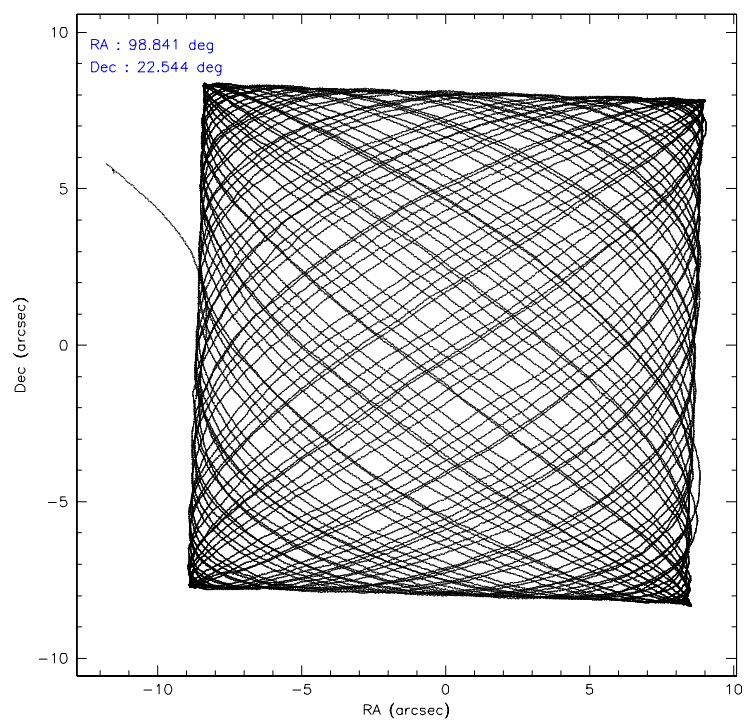
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	135123	136746	159472	194586	176483
rejected events	113611	116625	122201	107036	139969
rejected %	84%	85%	76%	55%	79%

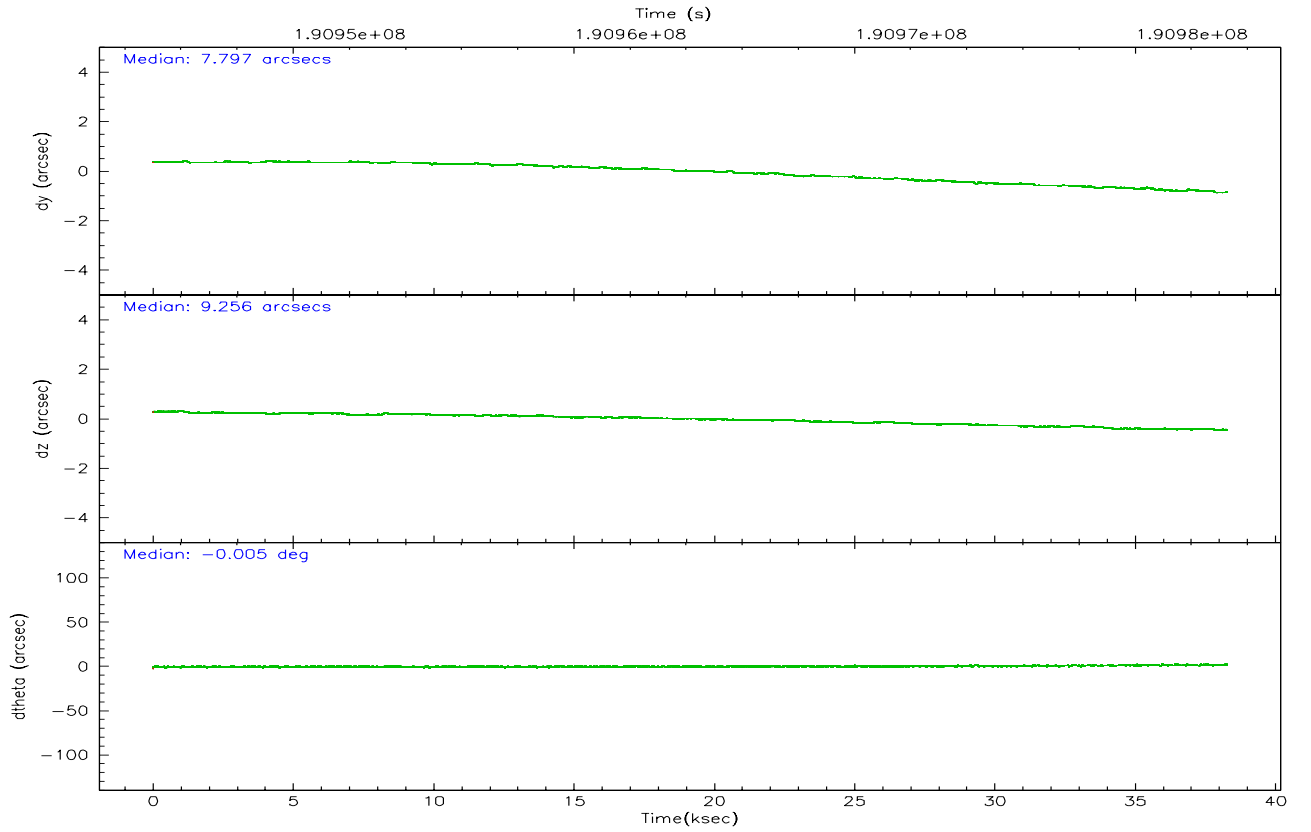
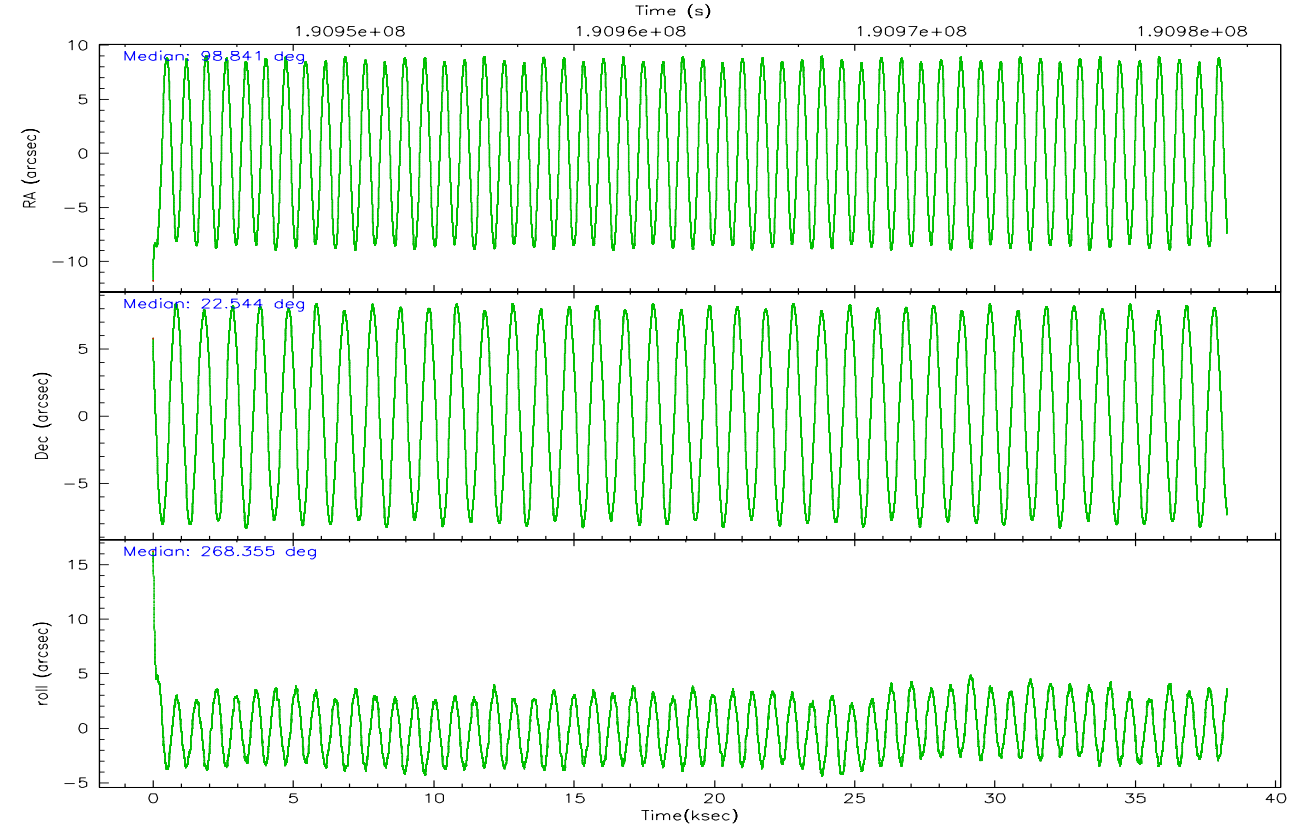
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	11477	10058	23125	8587	12275
	8%	7%	14%	4%	6%
grade 1 events	65	62	83	141	71
	0%	0%	0%	0%	0%
grade 2 events	3576	3410	5417	22586	7505
	2%	2%	3%	11%	4%
grade 3 events	1951	1945	2514	6140	3923
	1%	1%	1%	3%	2%
grade 4 events	1945	1953	2571	6057	3640
	1%	1%	1%	3%	2%
grade 5 events	4865	5664	6099	12423	7471
	3%	4%	3%	6%	4%
grade 6 events	2582	2766	3675	44239	9235
	1%	2%	2%	22%	5%
grade 7 events	108662	110888	115988	94413	132363
	80%	81%	72%	48%	75%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23678	ACIS-23678	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	1/2	1/2
Pointing RA	98.826527	98.84088038457827	Subarray start row	0	257
Pointing Dec	22.568065	22.54429513595401	Subarray row count	1024	512
Pointing Roll	268.207626	268.358745862313	Alternating exposures requested	N	N
Window start time	190684864.184000	190684864.184000	Primary exposure time	0.000000	1.7
Window stop time	191203264.184000	191203264.184000			
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	190945464.184000	190944366.20696			
Observation start date	2004-01-20T00:23:20	2004-01-20T00:06:06			
Observation end time	190983283.184000	190983598.08367			
Observation end date	2004-01-20T10:53:39	2004-01-20T10:59:58			
Read mode	TIMED	TIMED			

2.3 Aspect



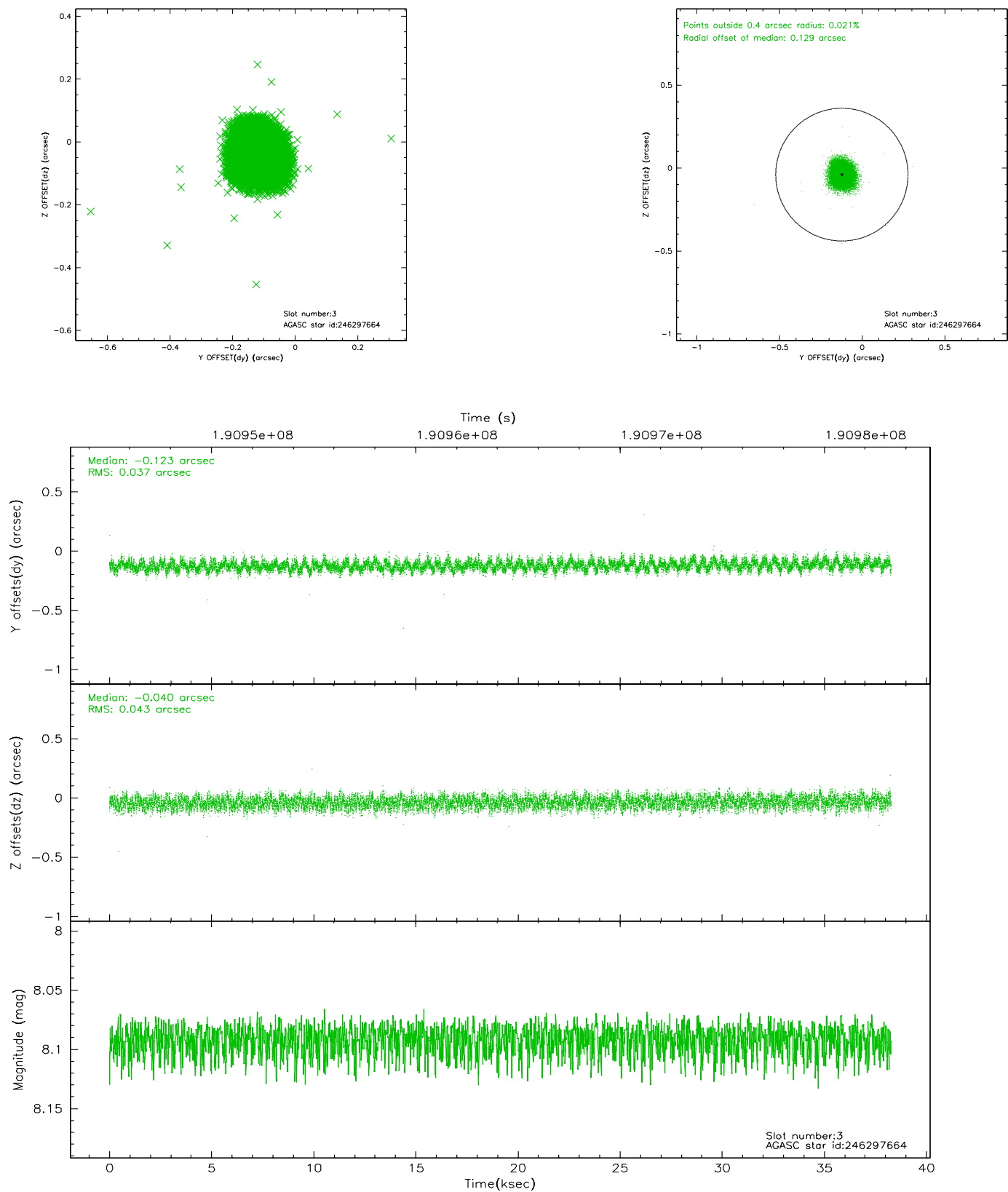


Slot Statistics

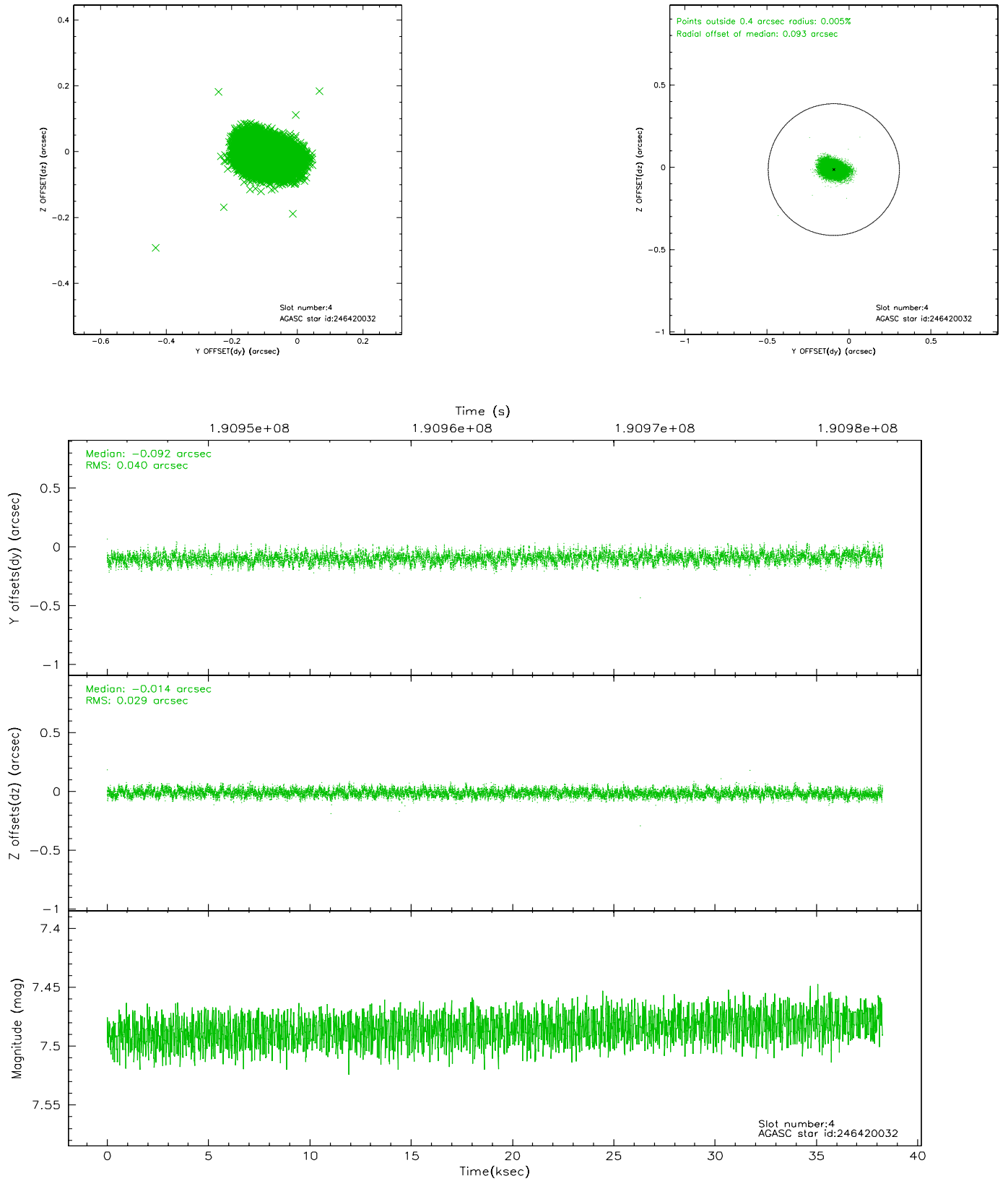
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9334	-0.031	-0.003	0.013	0.020	0.000000	0.000000	-760.51	-1730.41
1	FID	ACIS-S-4	7.20	9334	0.035	0.019	0.011	0.019	0.000000	0.000000	2152.80	178.11
2	FID	ACIS-S-6	7.35	9334	-0.031	-0.009	0.009	0.015	0.000000	0.000000	401.48	815.48
3	GUIDE	246297664	8.09	18663	-0.123	-0.040	0.061	0.095	98.363620	23.178719	-2151.59	-1600.06
4	GUIDE	246420032	7.48	18669	-0.092	-0.014	0.052	0.087	99.176465	23.098044	-1944.68	1098.57
5	GUIDE	175779128	7.62	18668	0.023	-0.001	0.056	0.091	98.515144	22.117655	1652.45	-986.95
6	GUIDE	175780728	7.52	18671	0.085	0.031	0.053	0.084	98.529568	22.124139	1627.97	-939.63
7	GUIDE	175773480	8.12	18664	0.106	0.026	0.061	0.099	99.372112	22.148794	1448.77	1865.74

2.4 Star Slots

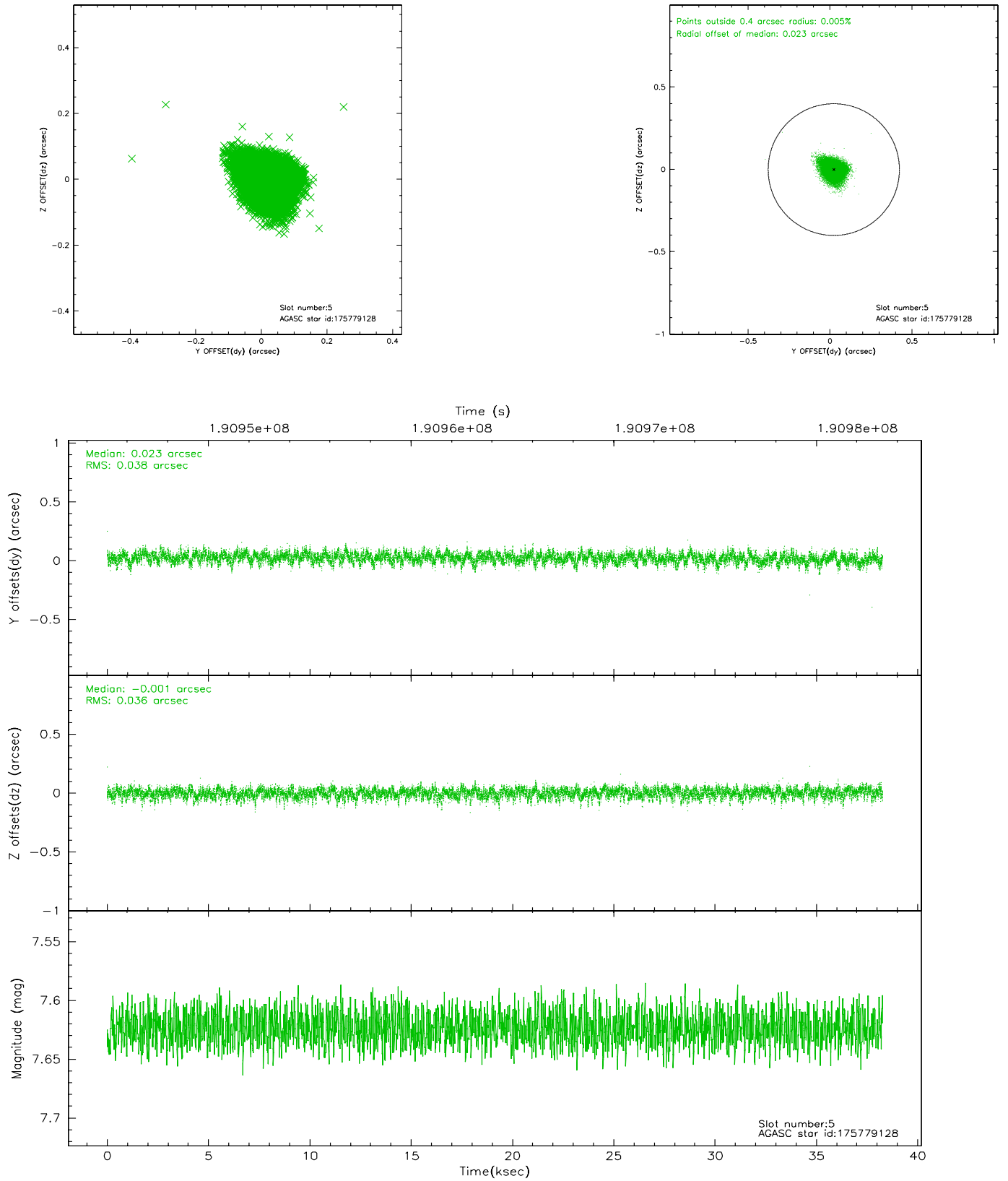
2.4.1 Slot 3



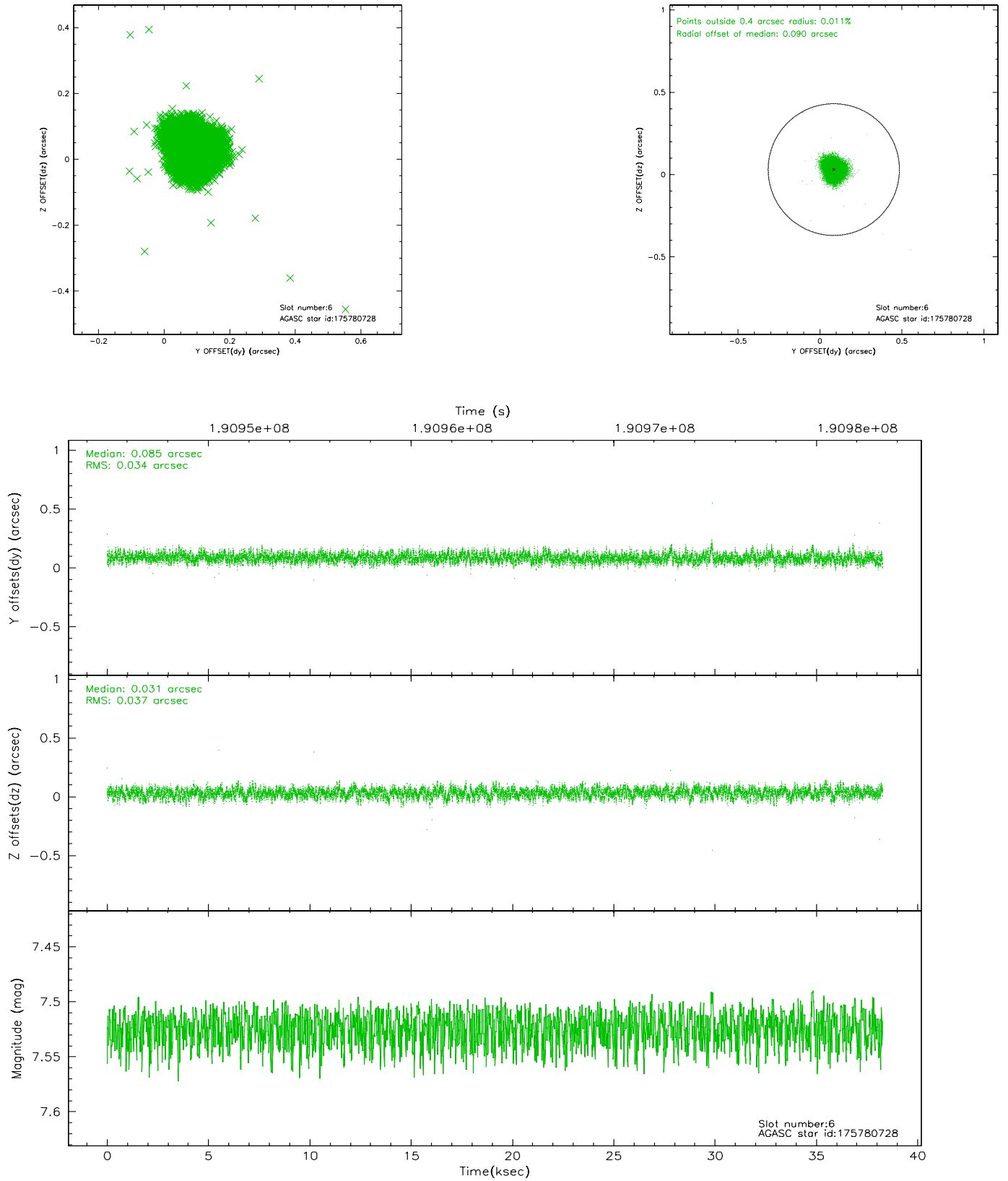
2.4.2 Slot 4



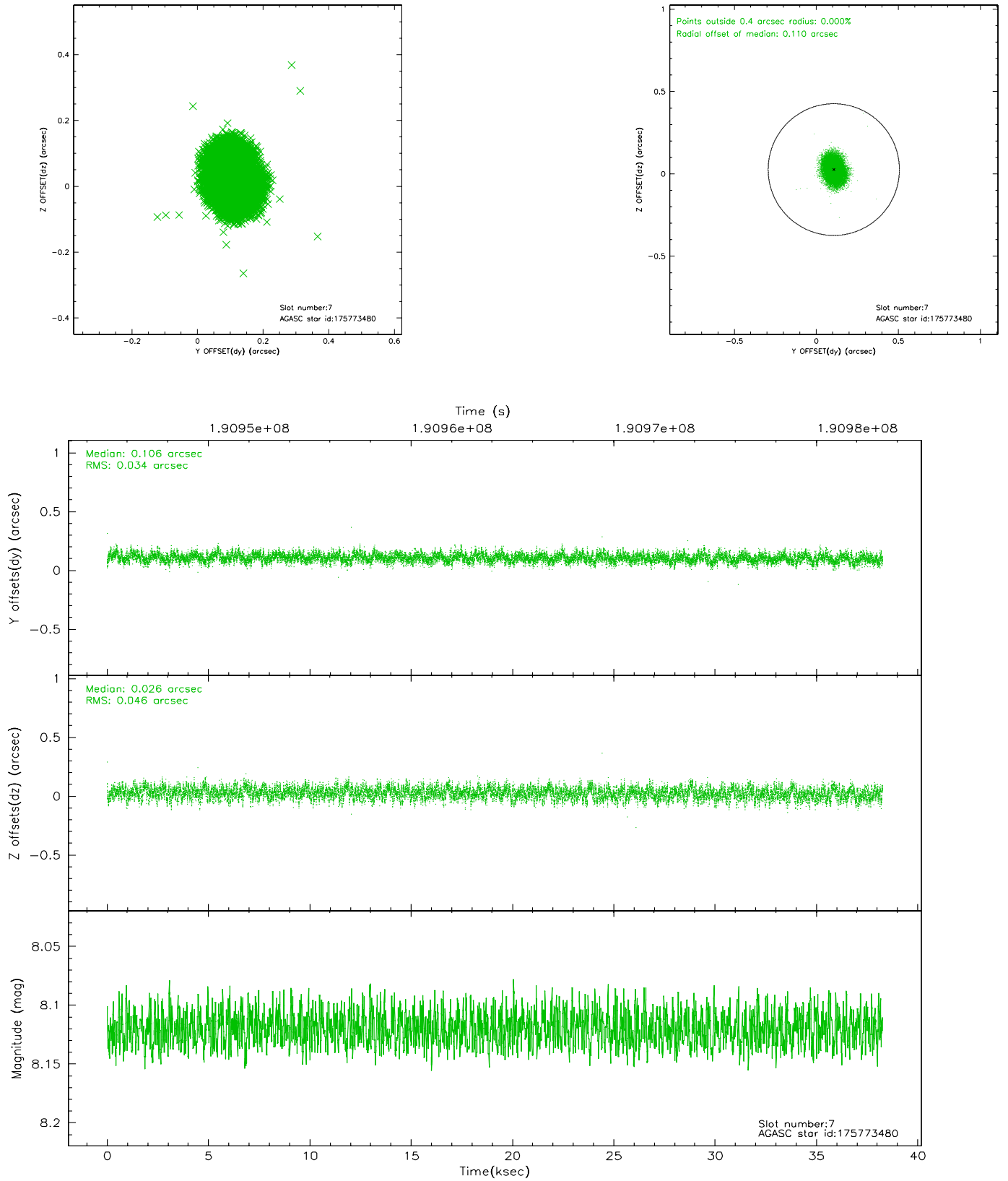
2.4.3 Slot 5



2.4.4 Slot 6

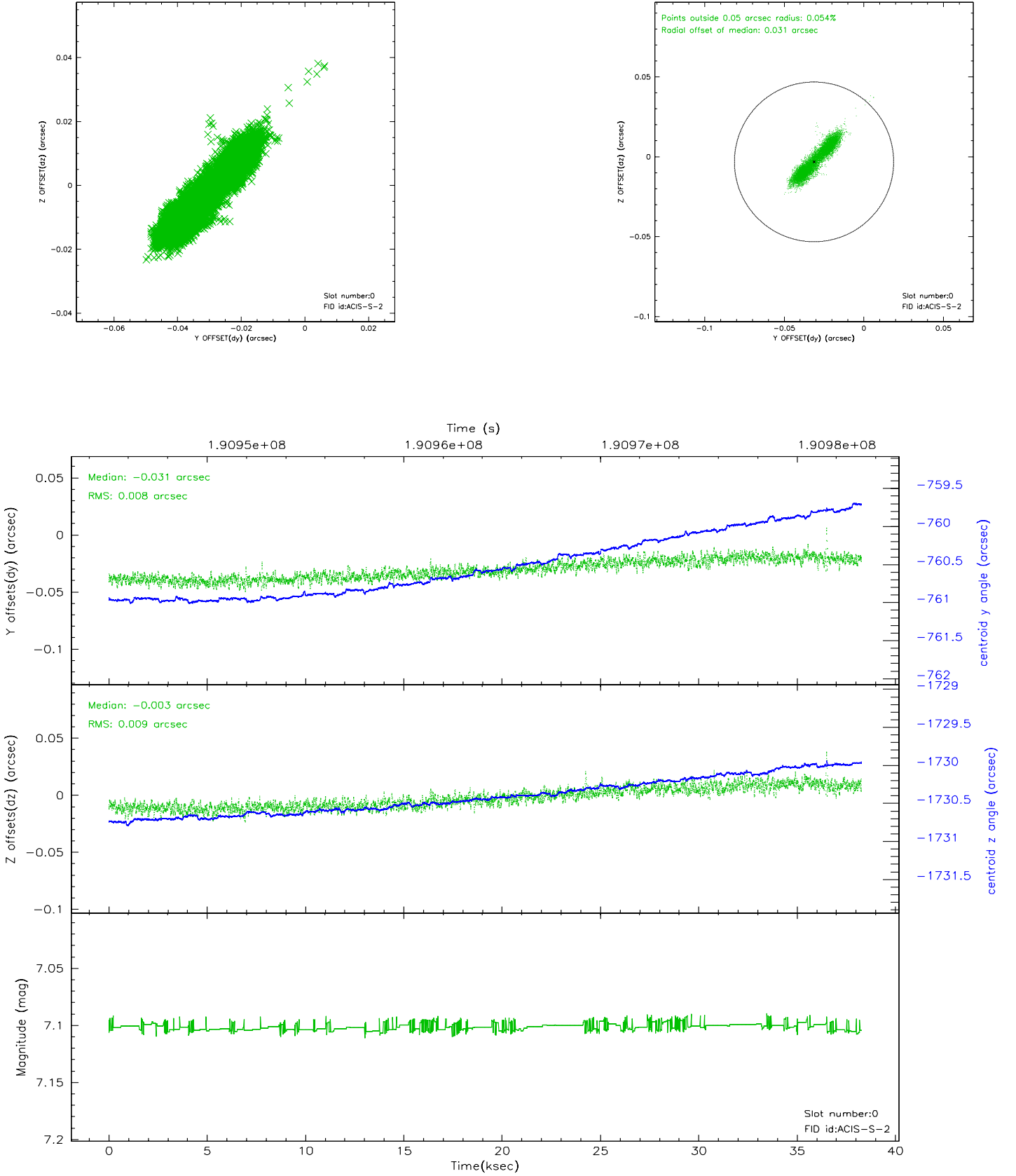


2.4.5 Slot 7

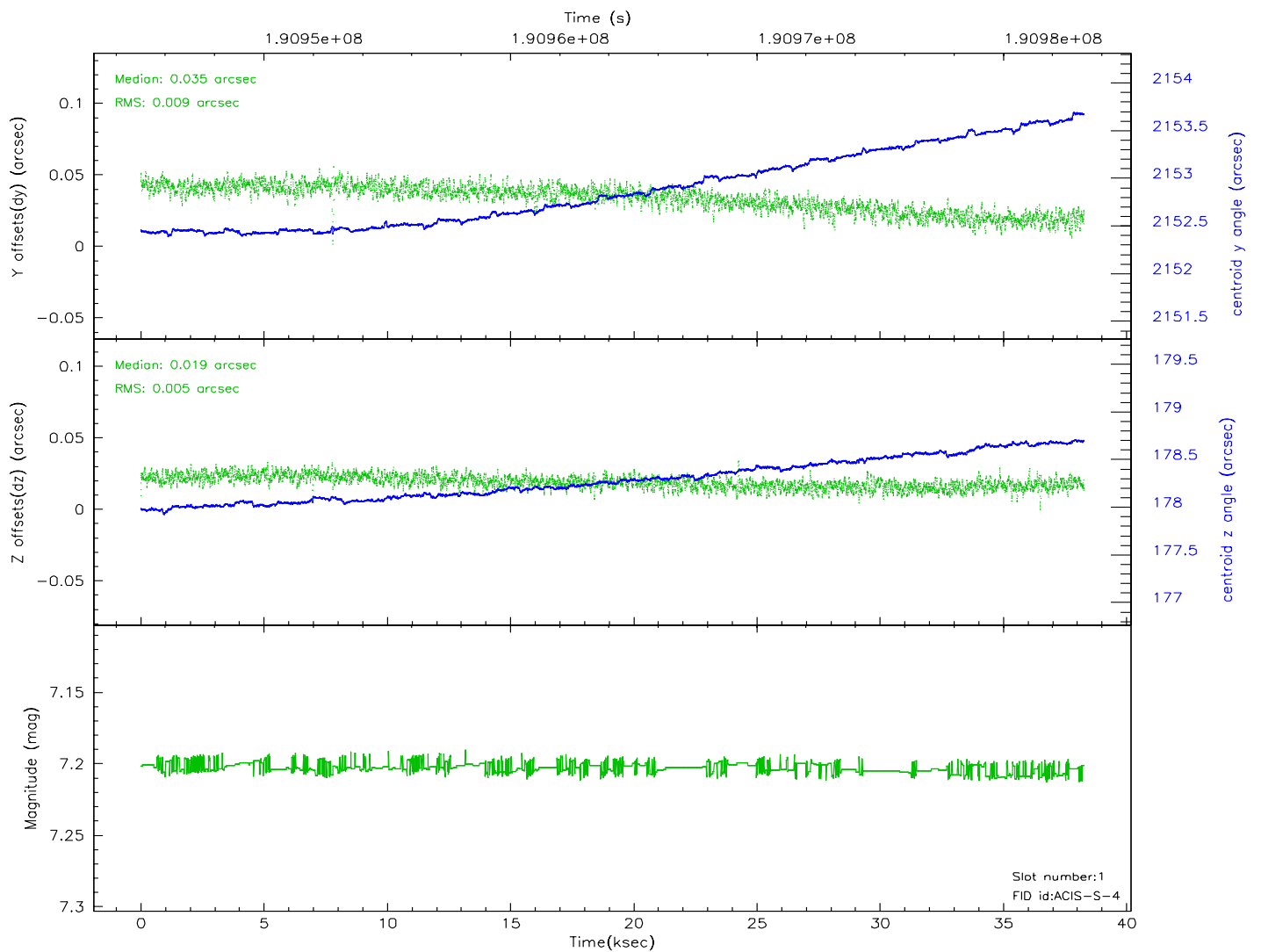
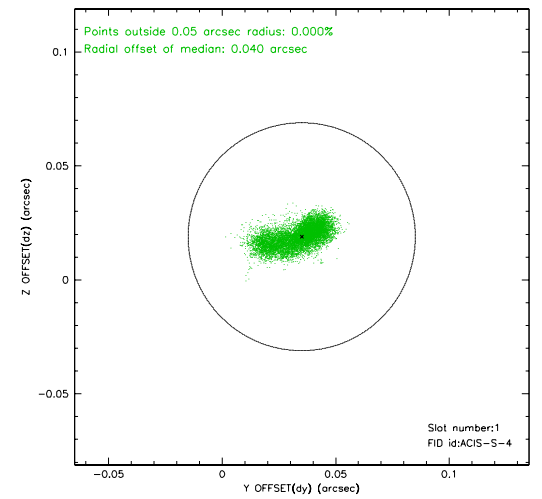
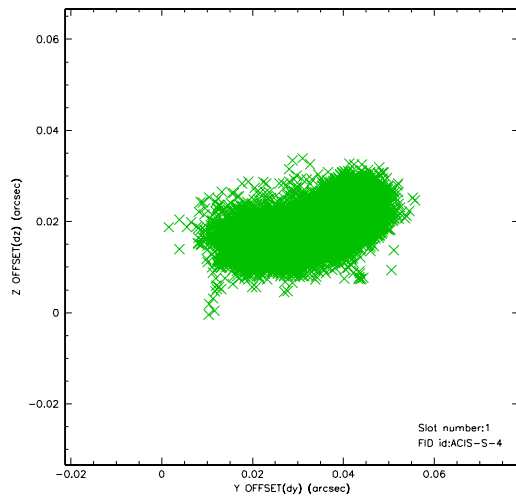


2.5 FID Slots

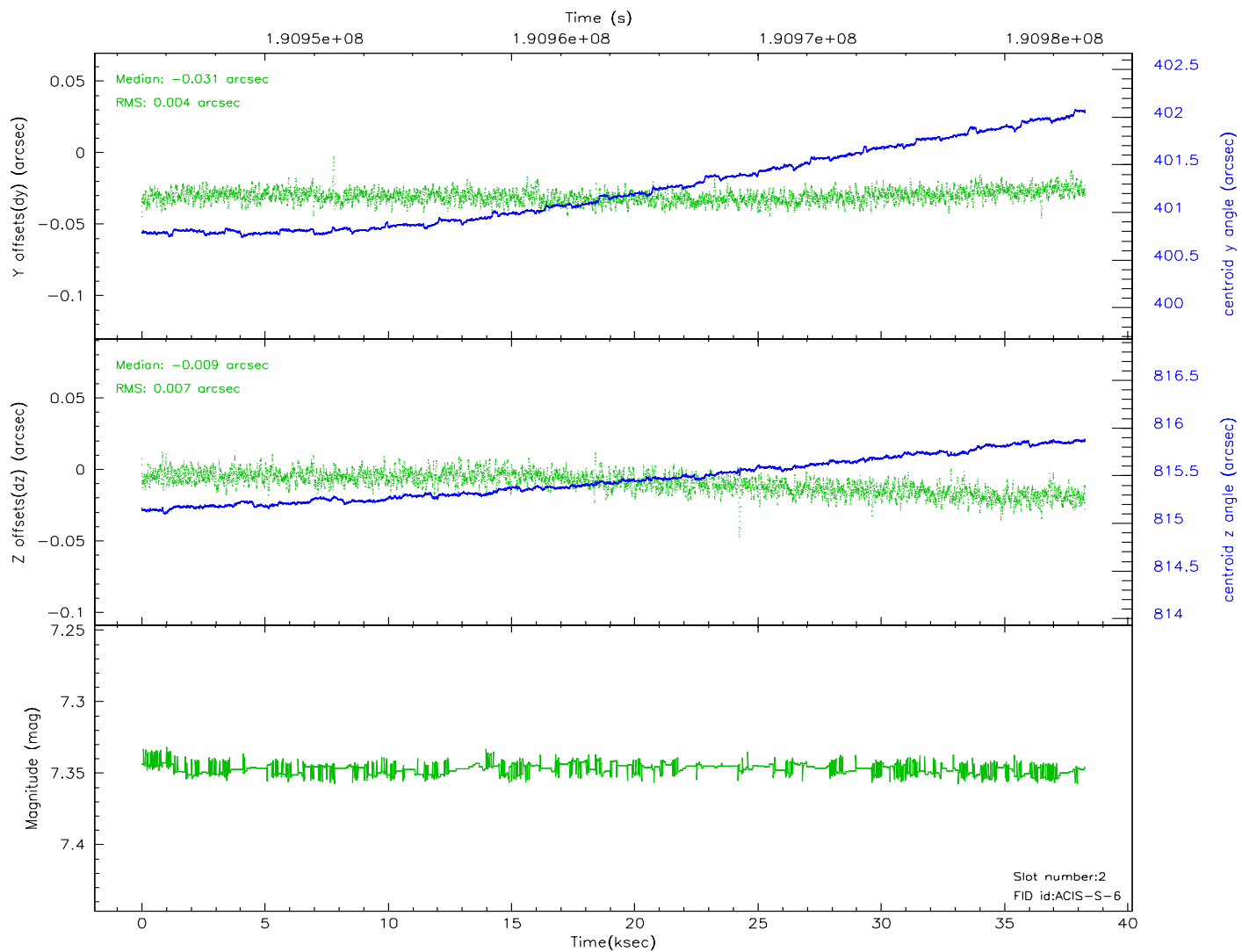
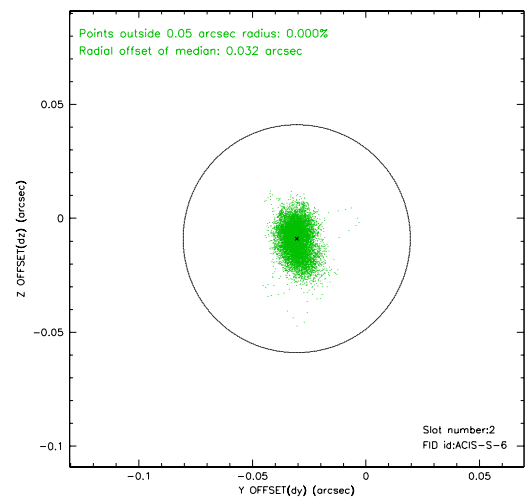
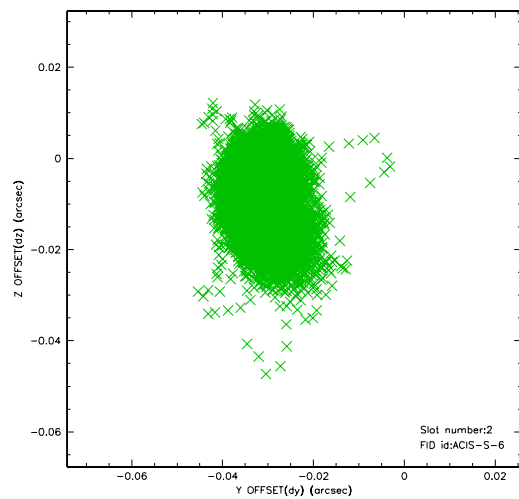
2.5.1 Slot 0



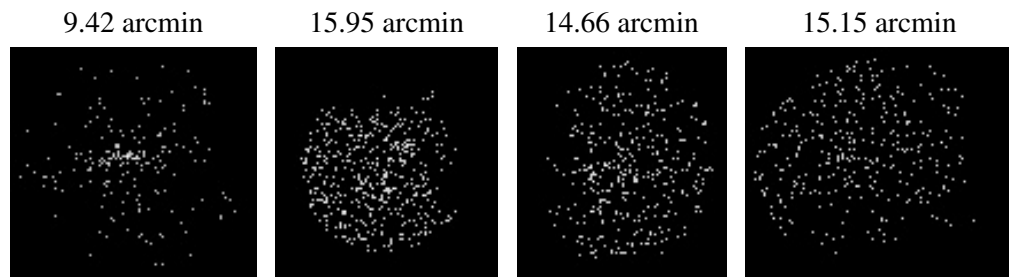
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Sarah Zelechowski
V&V Date (YYYY-MM-DD)	2006.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.273

A.2 Comments