

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4615 - L2 Version 001
Chandra X-Ray Center

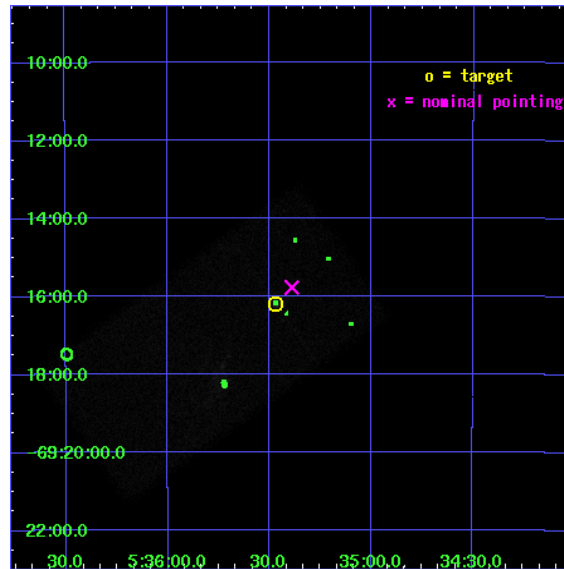
L2 Processing Date : Apr 28 2006

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1 Front

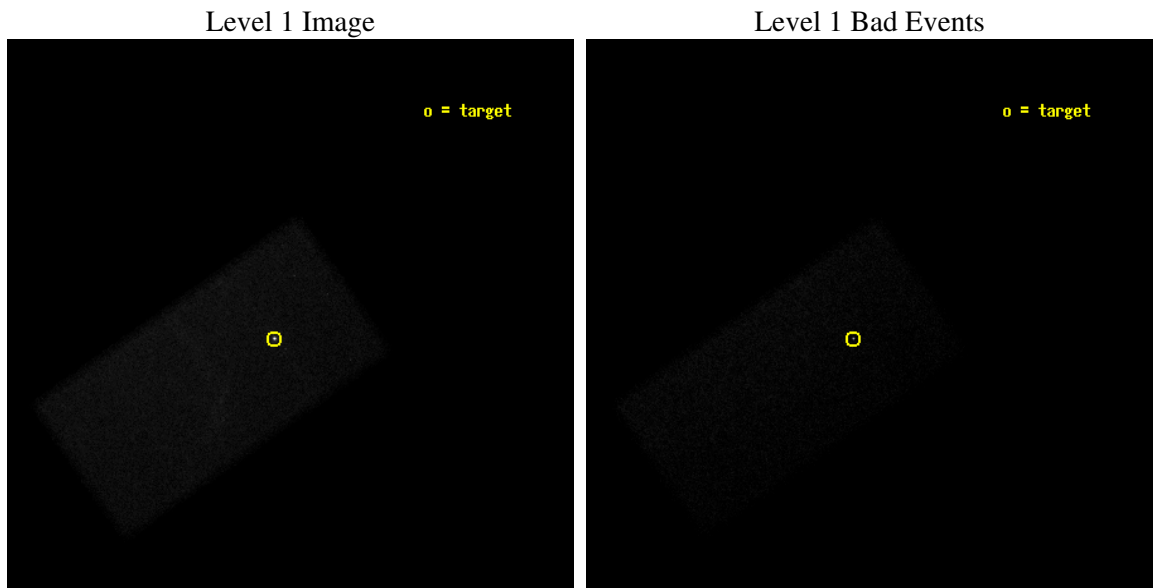
seq_num	500440
obs_id	4615
title	Chandra AO5 Monitoring Observations of SN1987A
observer	Dr. David Burrows
object	SNR1987A
dtcycle	0
cycle	P
ra_targ	83.866667
dec_targ	-69.26975
ra_nom	83.847468055483
dec_nom	-69.262904878915
roll_nom	144.91568295399
revision	2
ontime	50167.5
livetime	48831.47095468
ontime7	50167.5
l2events	133812



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-28T05:21:52
revision	2

sched_exp_time	50000.000000
ontime	51198.90581435
ontime7	51198.90581435
l1events	292292

2.1.4 Events

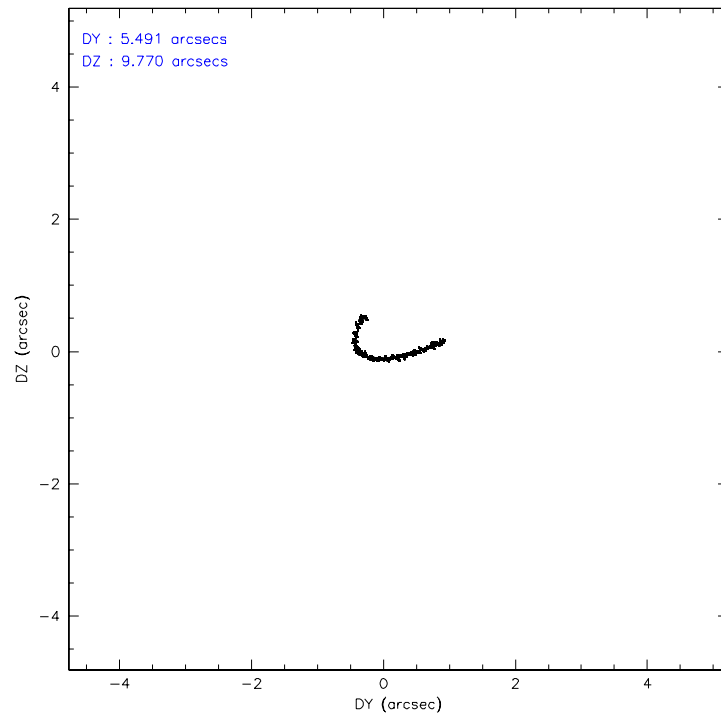
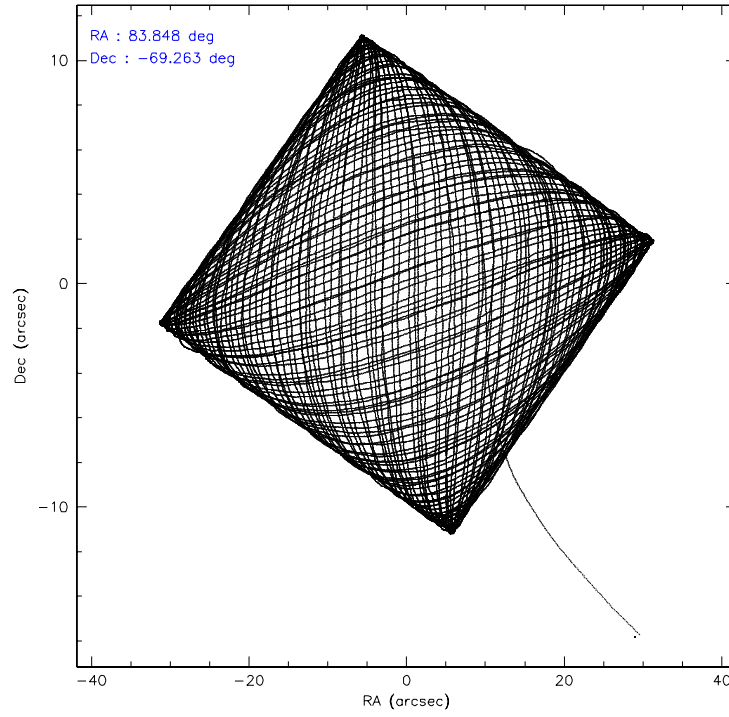
	ccd 7
level 1 events	292292
rejected events	155358
rejected %	53%

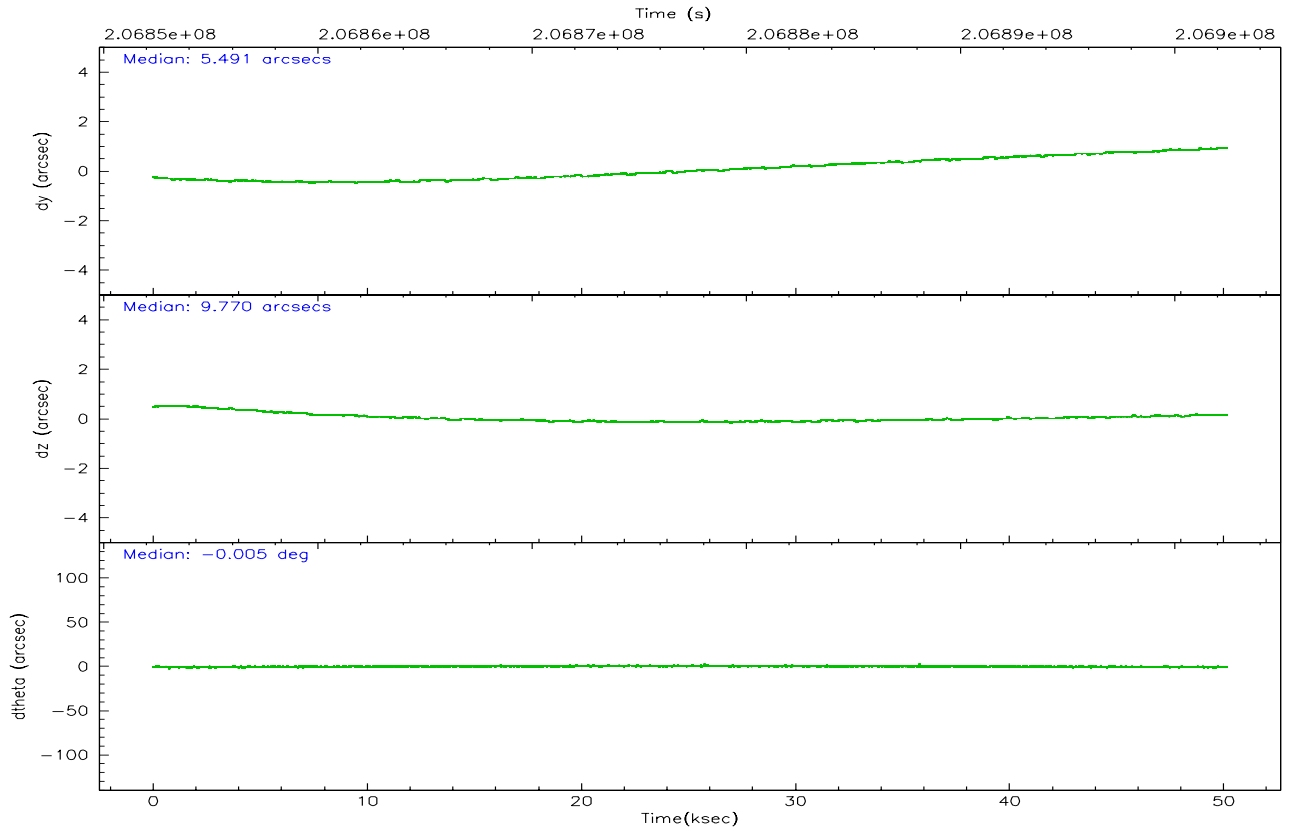
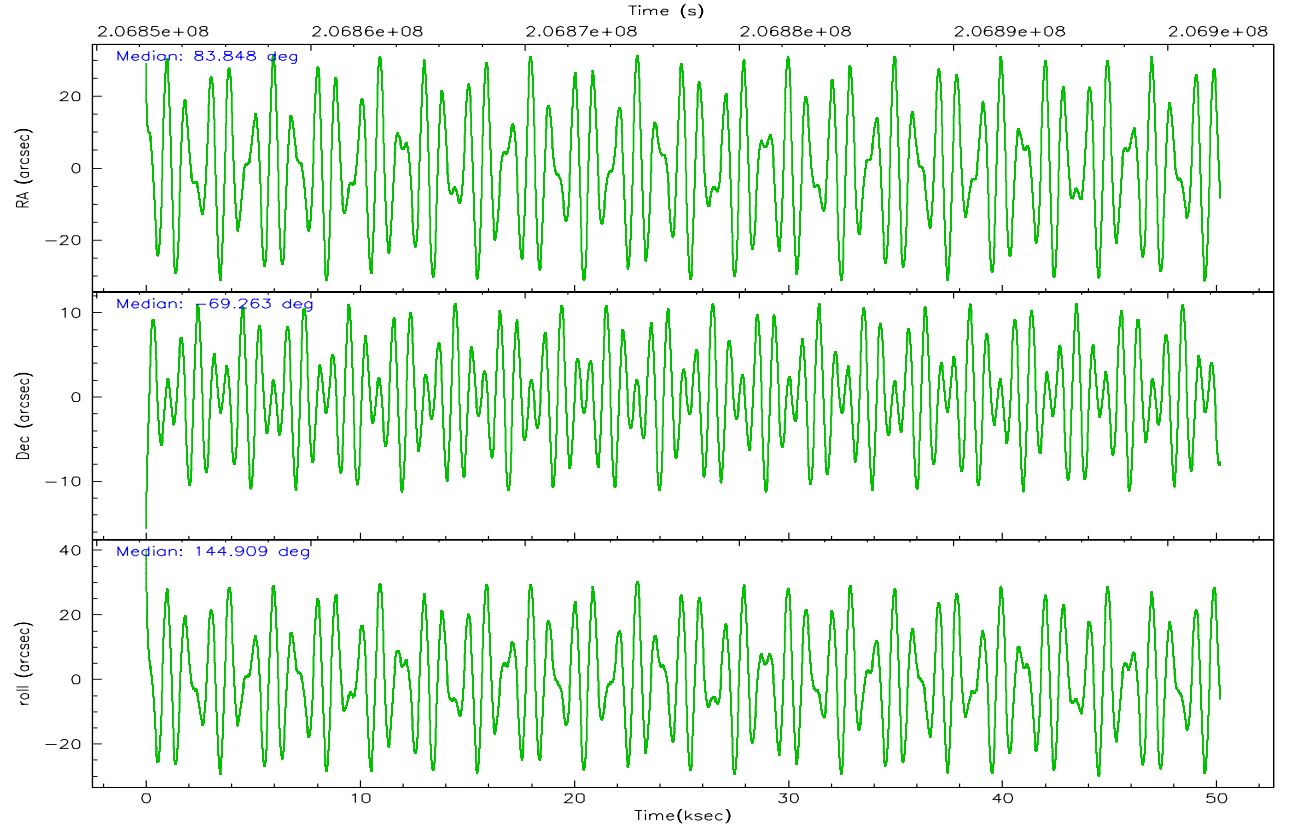
	ccd 7
grade 0 events	17790
	6%
grade 1 events	459
	0%
grade 2 events	34980
	11%
grade 3 events	10916
	3%
grade 4 events	10495
	3%
grade 5 events	19309
	6%
grade 6 events	64950
	22%
grade 7 events	133393
	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	83.924112	83.84746805548349	Subarray start row	0	257
Pointing Dec	-69.264923	-69.26290487891536	Subarray row count	1024	512
Pointing Roll	144.830734	144.9156829539927	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	1.5
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	206852469.184000	206851269.64489			
Observation start date	2004-07-22T03:00:05	2004-07-22T02:41:09			
Observation end time	206902469.184000	206903199.73469			
Observation end date	2004-07-22T16:53:25	2004-07-22T17:06:39			
Read mode	TIMED	TIMED			

2.3 Aspect



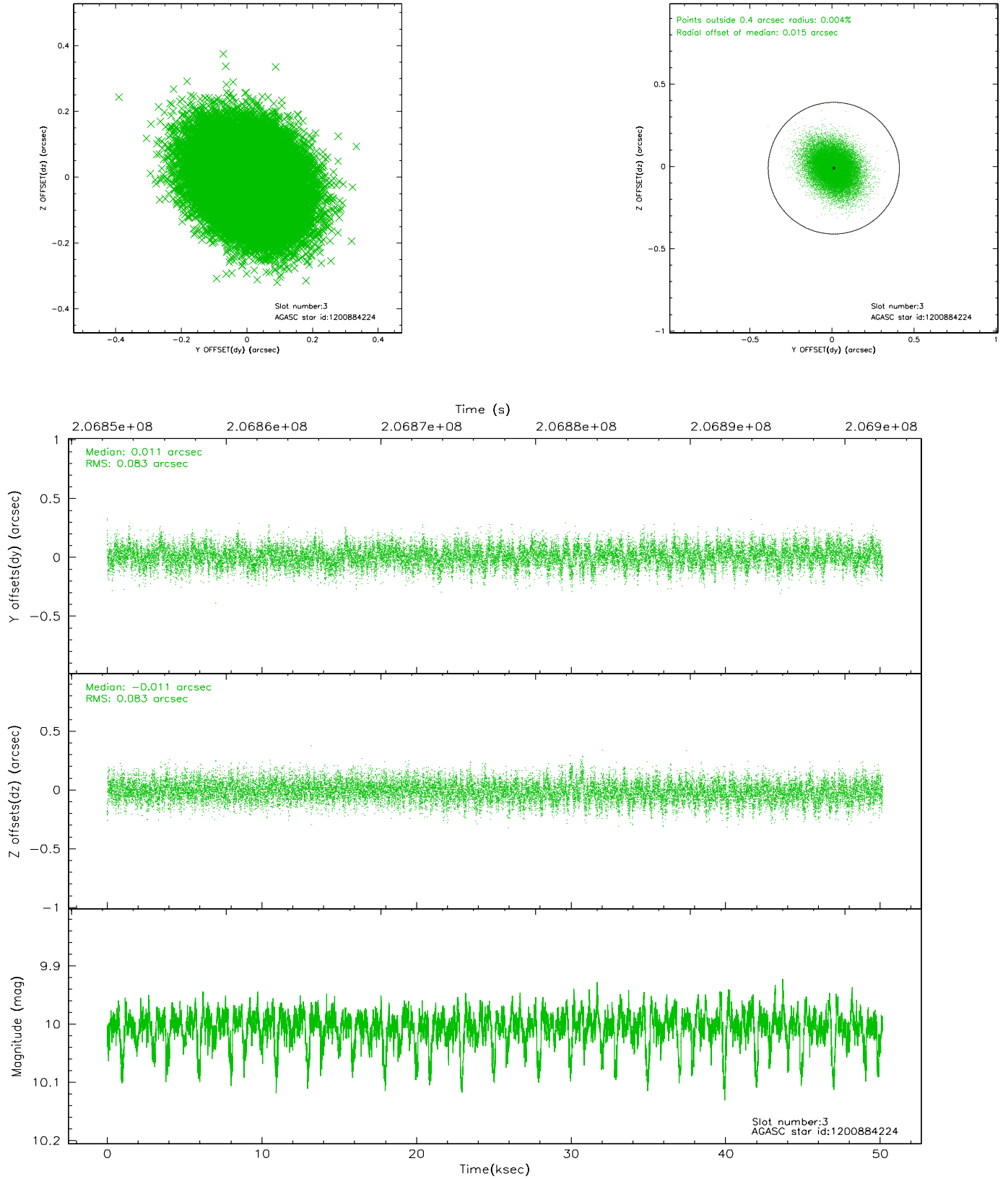


Slot Statistics

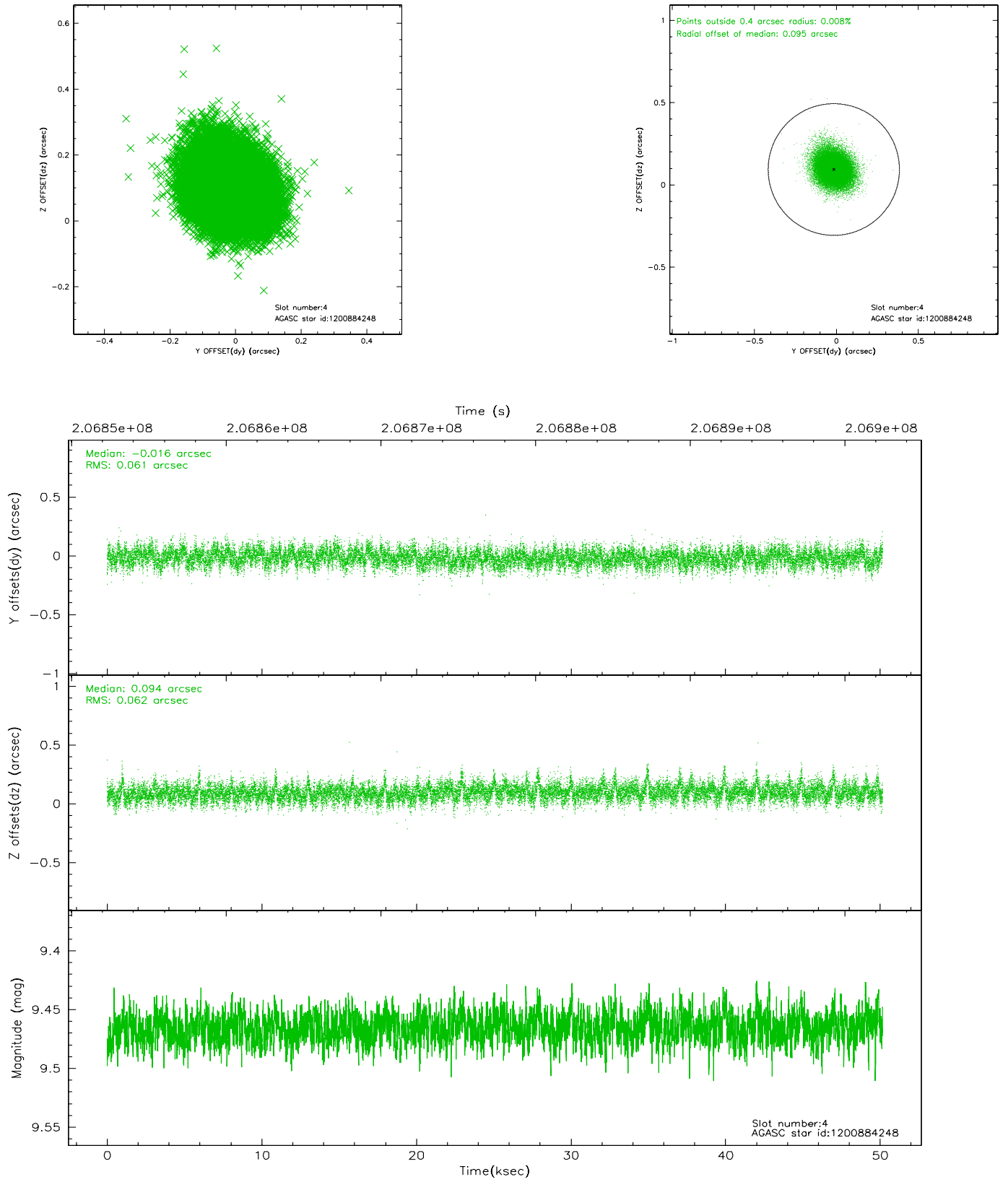
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	12236	-0.055	-0.013	0.010	0.017	0.000000	0.000000	-758.32	-1731.08
1	FID	ACIS-S-4	7.20	12235	0.061	0.030	0.025	0.034	0.000000	0.000000	2155.07	177.50
2	FID	ACIS-S-5	7.23	12236	-0.041	-0.008	0.016	0.026	0.000000	0.000000	-1811.20	171.06
3	GUIDE	1200884224	10.00	24447	0.011	-0.011	0.125	0.205	83.314443	-68.577335	2079.30	-1557.98
4	GUIDE	1200884248	9.47	24454	-0.016	0.094	0.092	0.151	83.880915	-68.565170	1498.03	-2026.19
5	GUIDE	1200885760	9.46	24455	-0.038	-0.020	0.105	0.173	83.723637	-68.777667	1224.09	-1282.75
6	GUIDE	1201542672	8.19	24467	0.067	-0.073	0.079	0.129	84.492488	-69.957531	-2010.90	1636.18
7	GUIDE	1201018312	9.59	24458	-0.027	0.012	0.136	0.207	86.298231	-69.115627	-2214.05	-2145.60

2.4 Star Slots

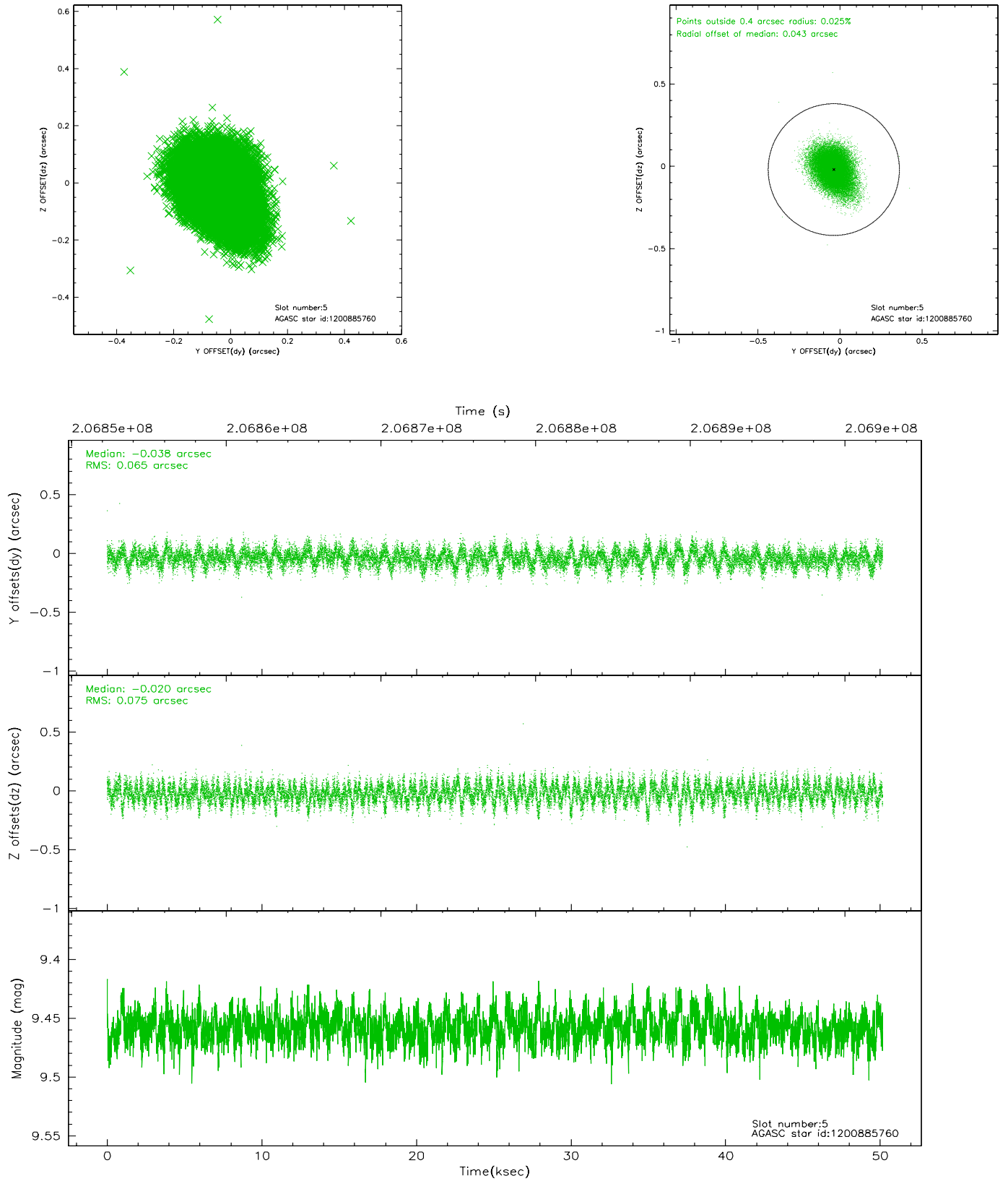
2.4.1 Slot 3



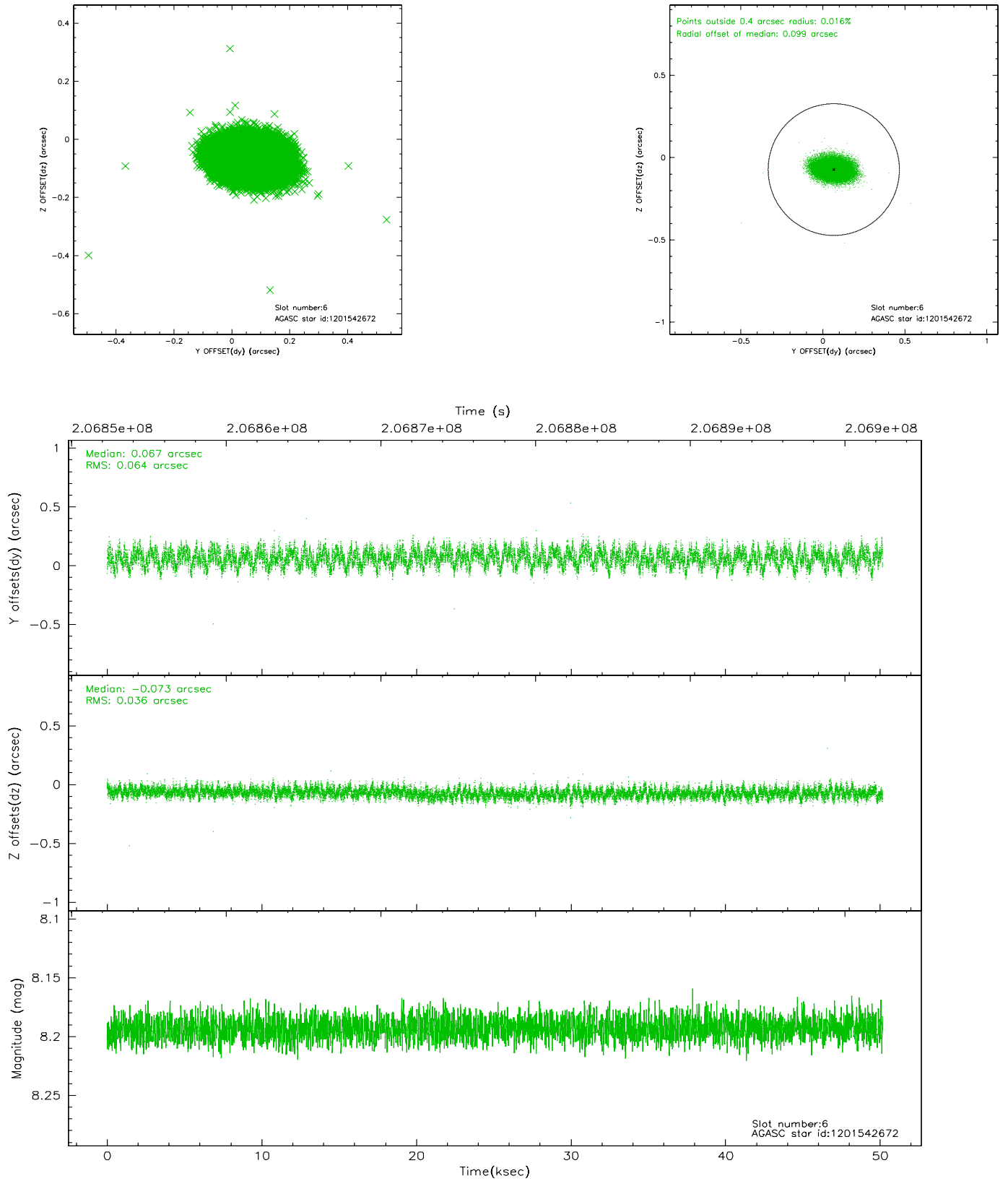
2.4.2 Slot 4



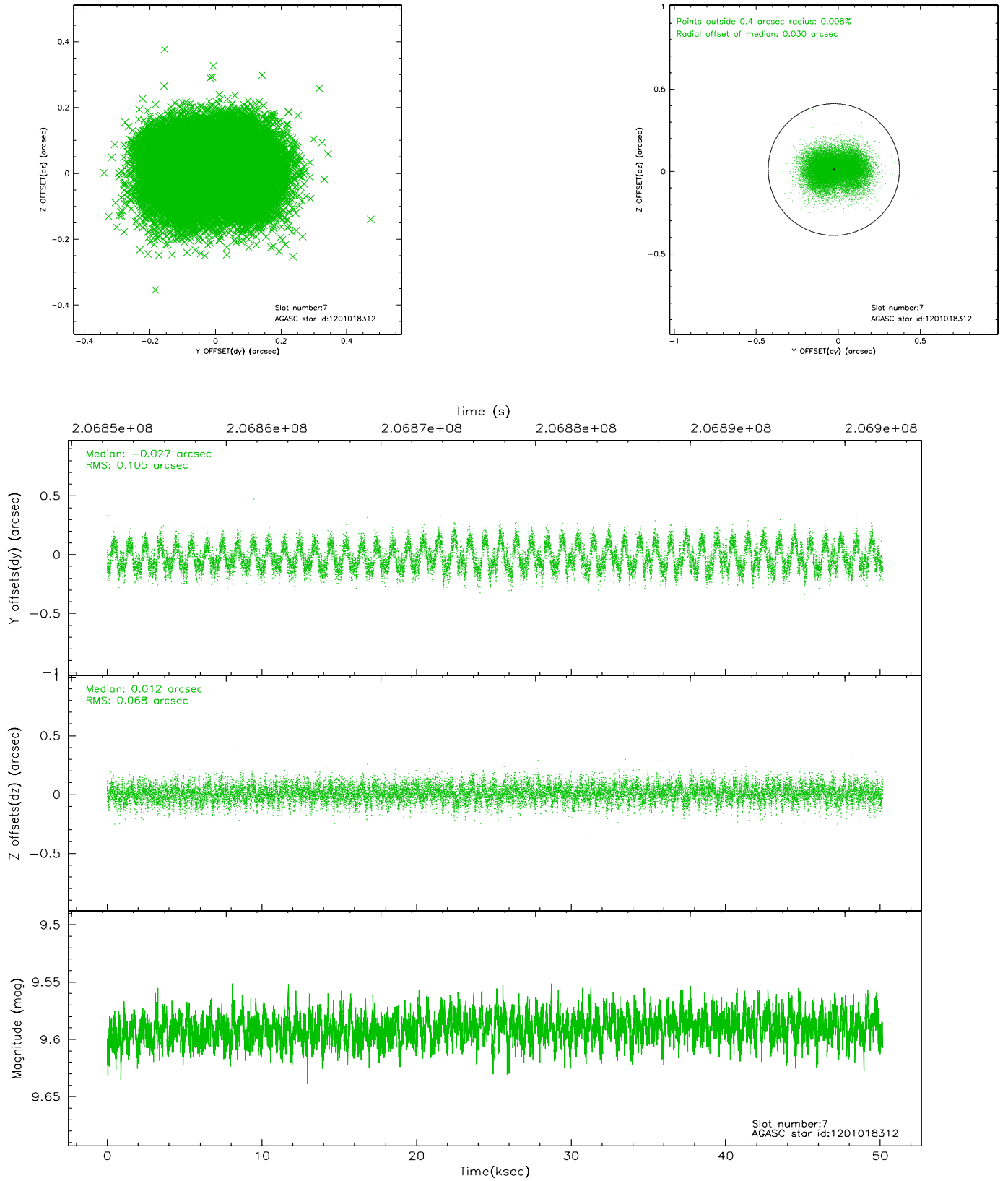
2.4.3 Slot 5



2.4.4 Slot 6

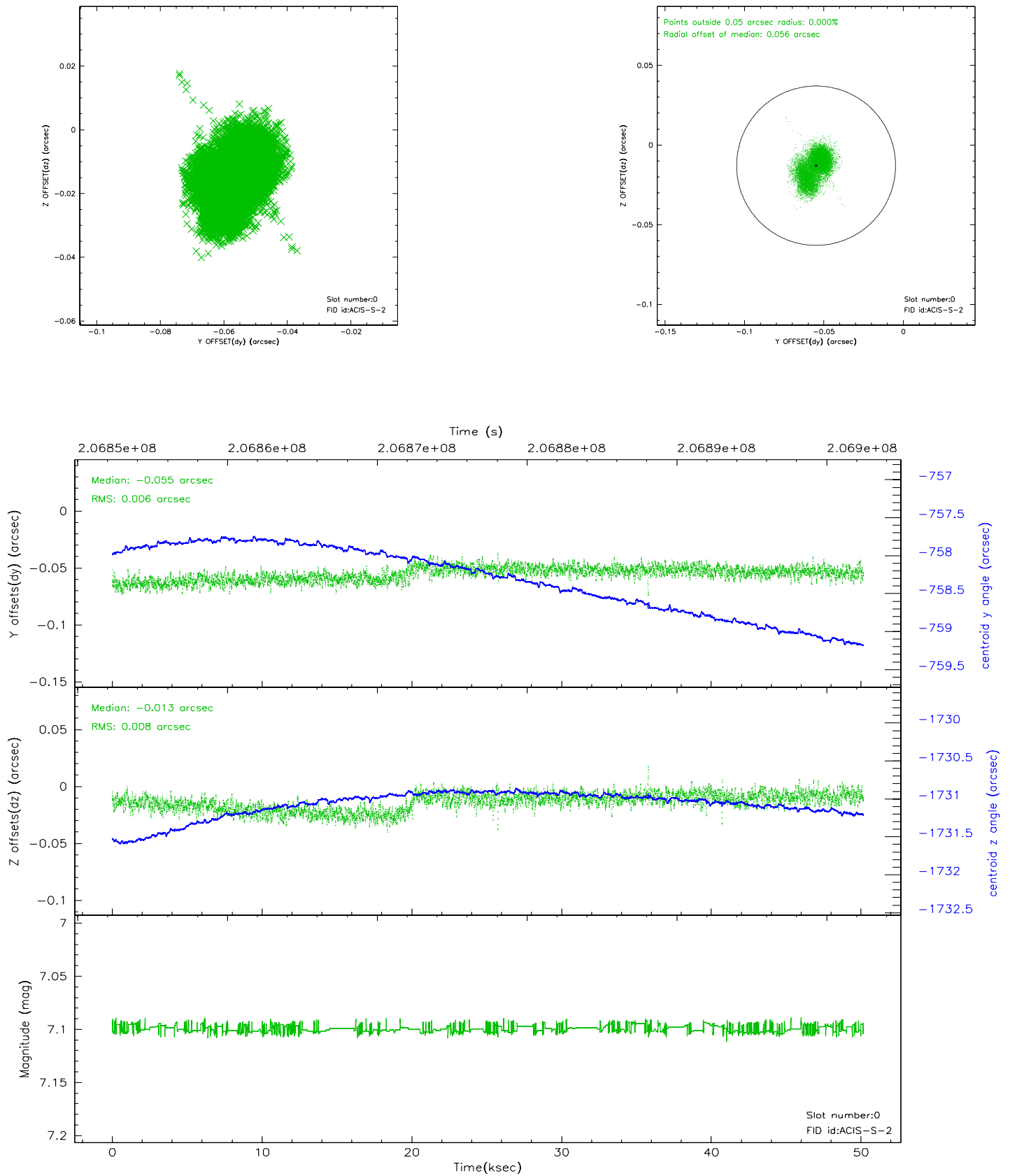


2.4.5 Slot 7

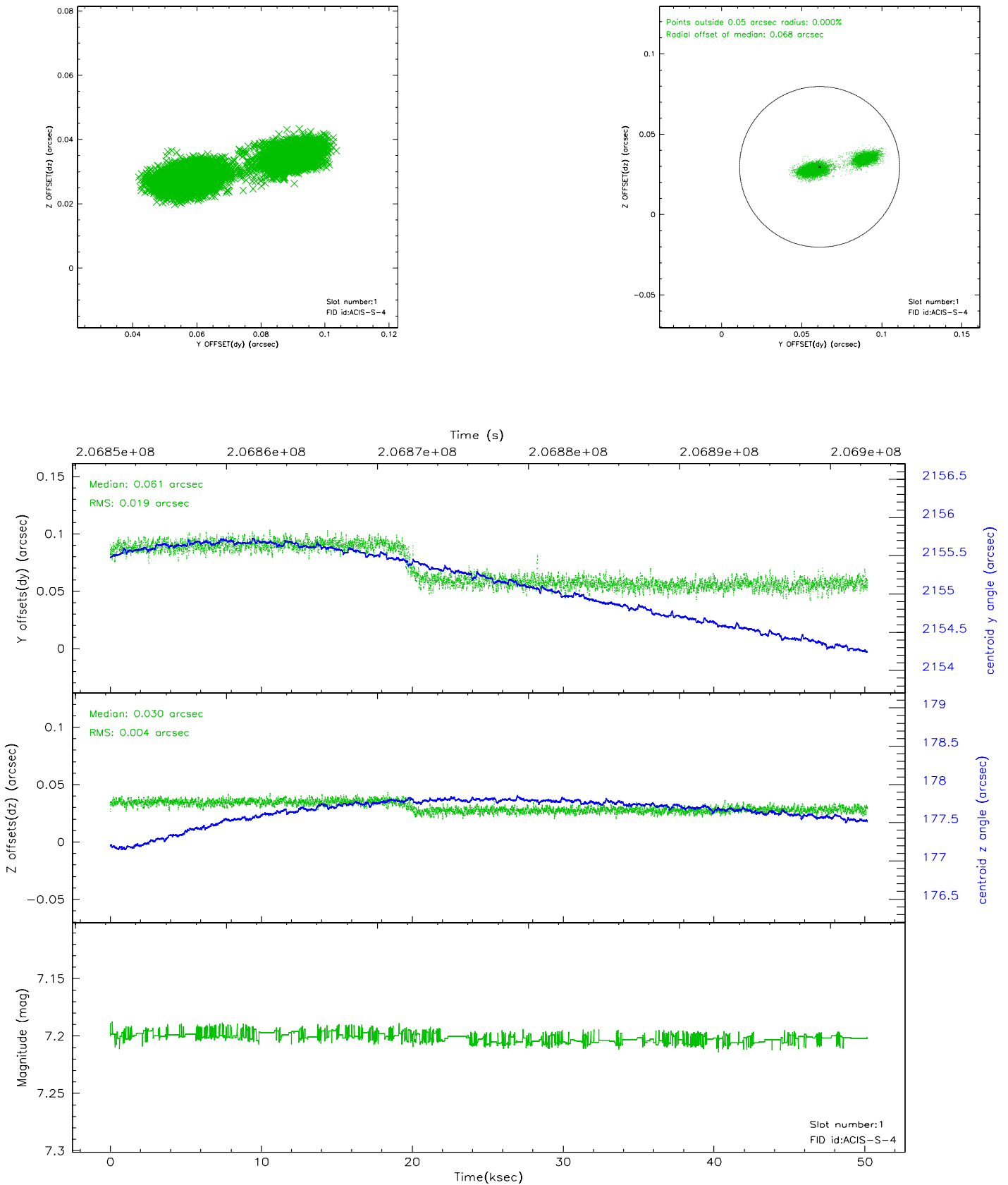


2.5 FID Slots

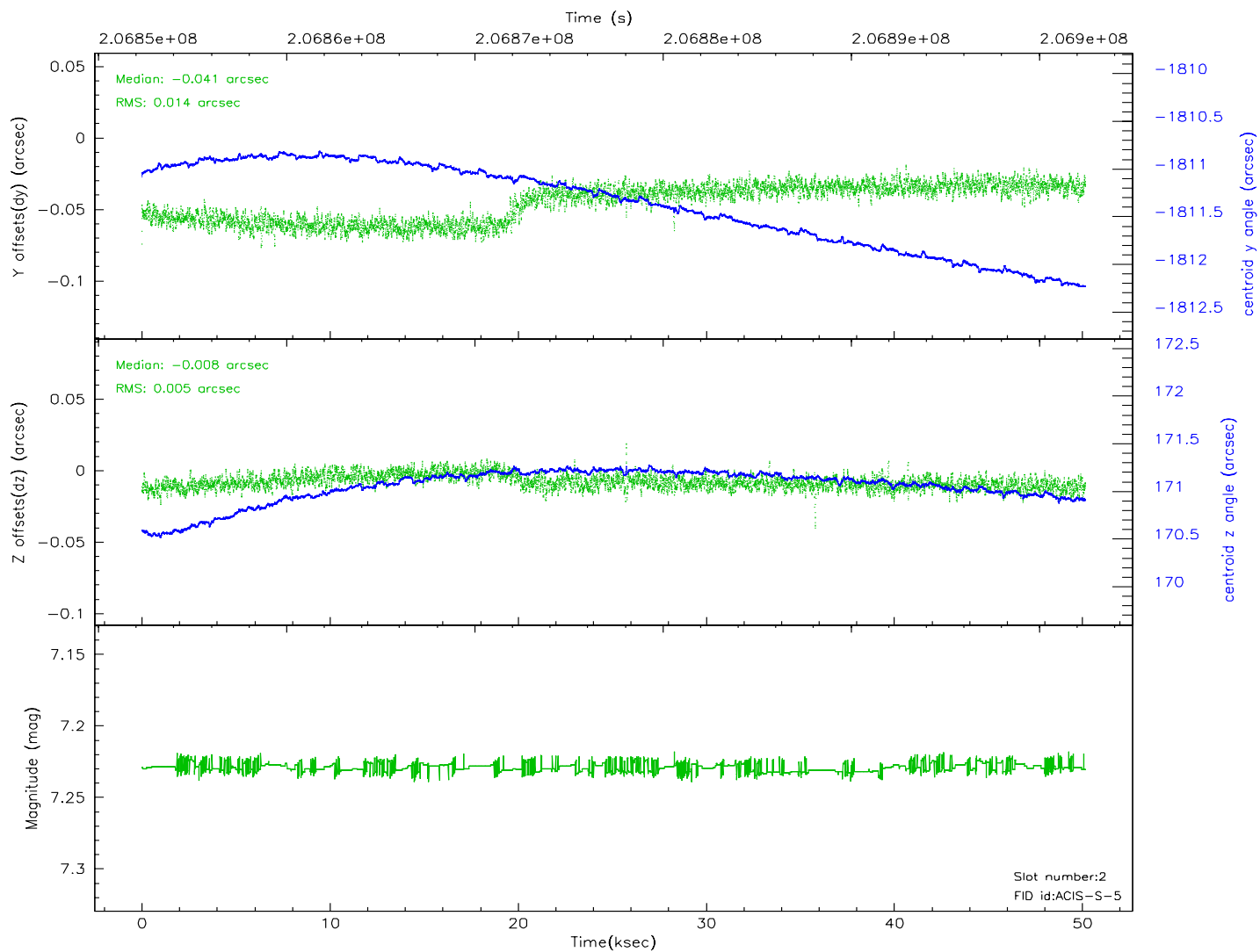
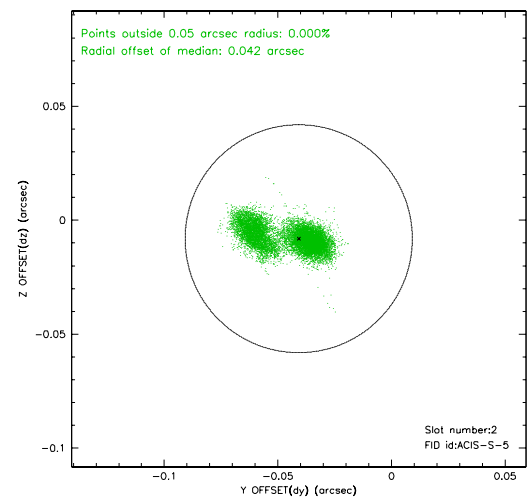
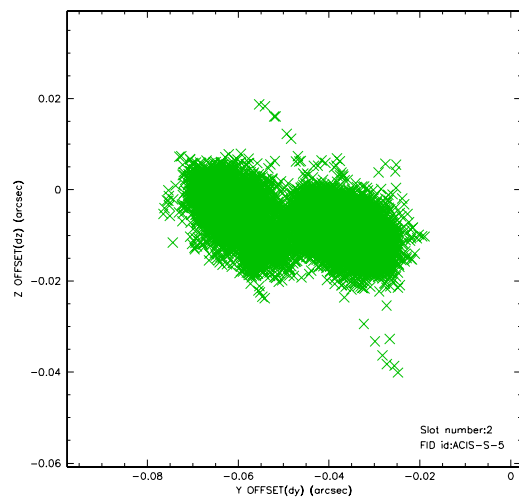
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.167

A.2 Comments

Window preference met.