

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 746 - L2 Version 001
Chandra X-Ray Center

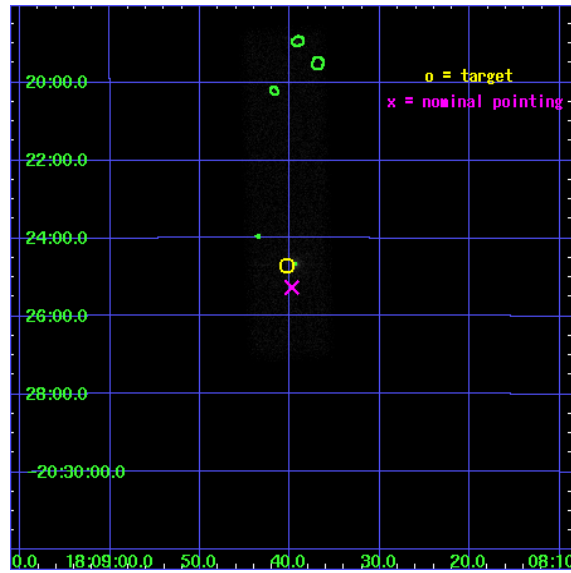
L2 Processing Date : Jun 5 2007

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1 Front

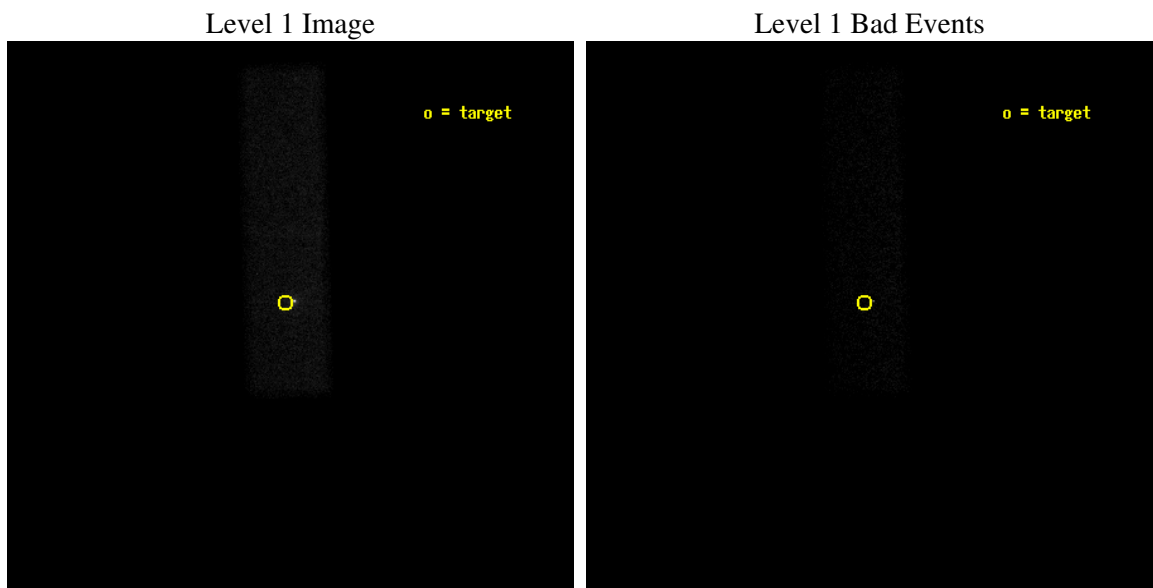
seq_num	500042
obs_id	746
title	THE SOFT GAMMA-RAY REPEATER SGR 1806-20
observer	Gautam Vasisht
object	SGR 1806-20
dtcycle	0
cycle	P
ra_targ	272.168
dec_targ	-20.411417
ra_nom	272.16581663924
dec_nom	-20.421128249327
roll_nom	268.6101940513
revision	3
ontime	32662.31781821
livetime	31068.503584333
ontime7	32662.31781821
l2events	37408



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-05T04:31:06
revision	3

sched_exp_time	32500.000000
ontime	32662.31781821
ontime7	32662.31781821
l1events	71590

2.1.4 Events

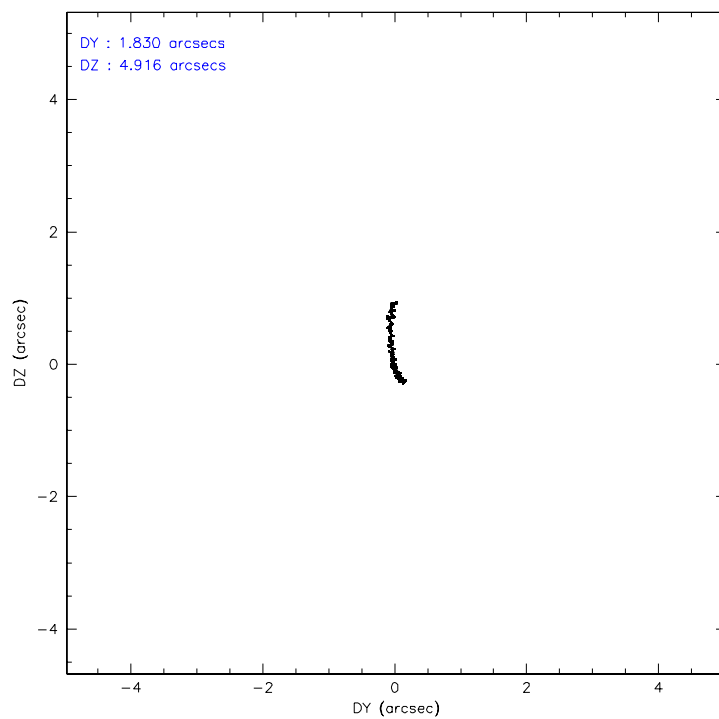
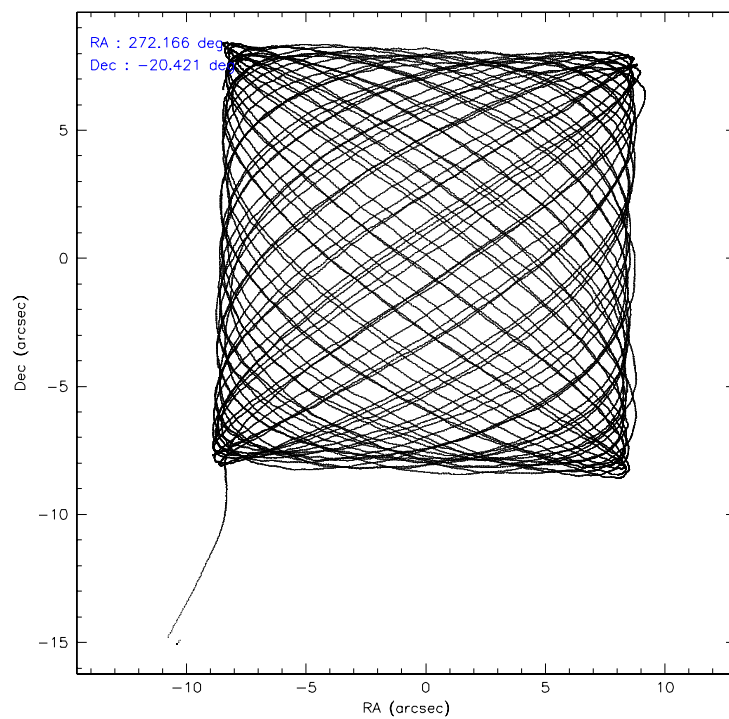
	ccd 7
level 1 events	71590
rejected events	33252
rejected %	46%

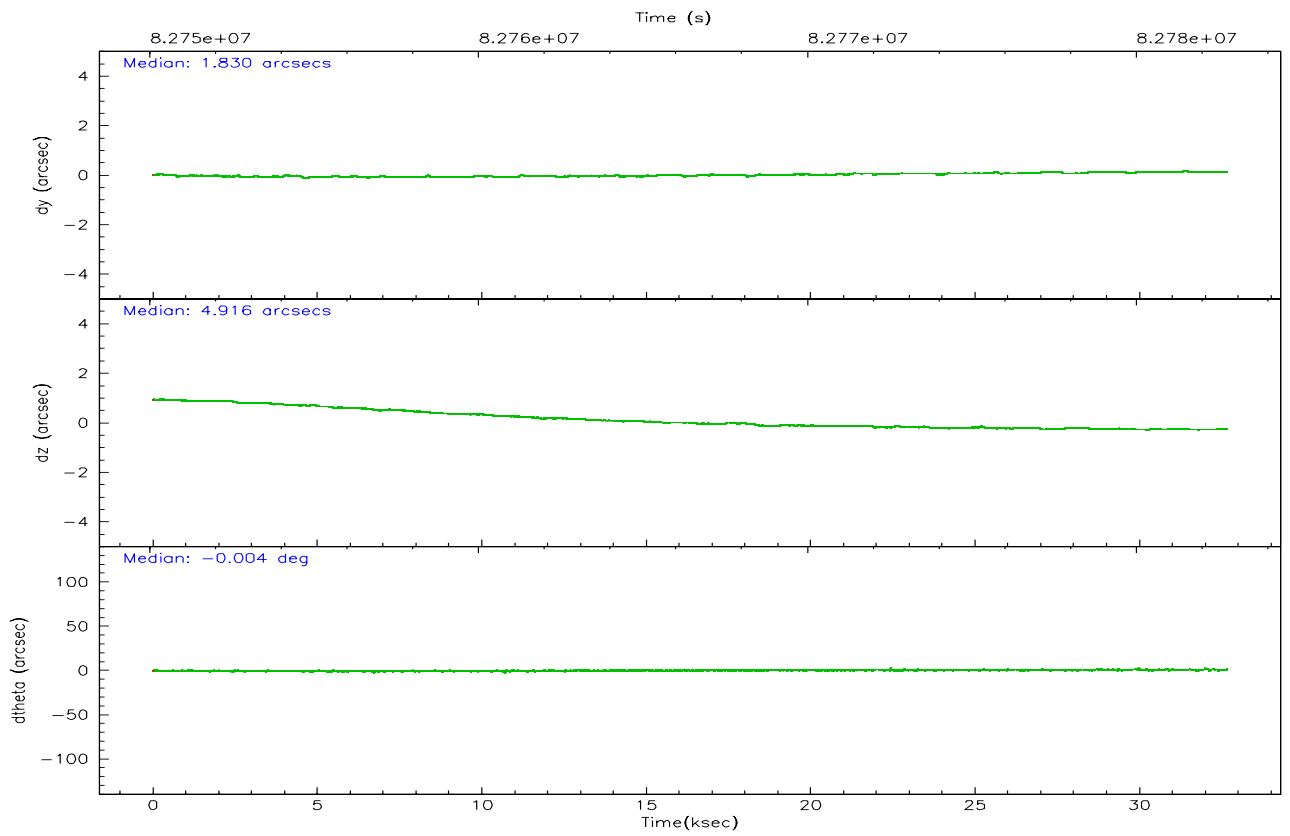
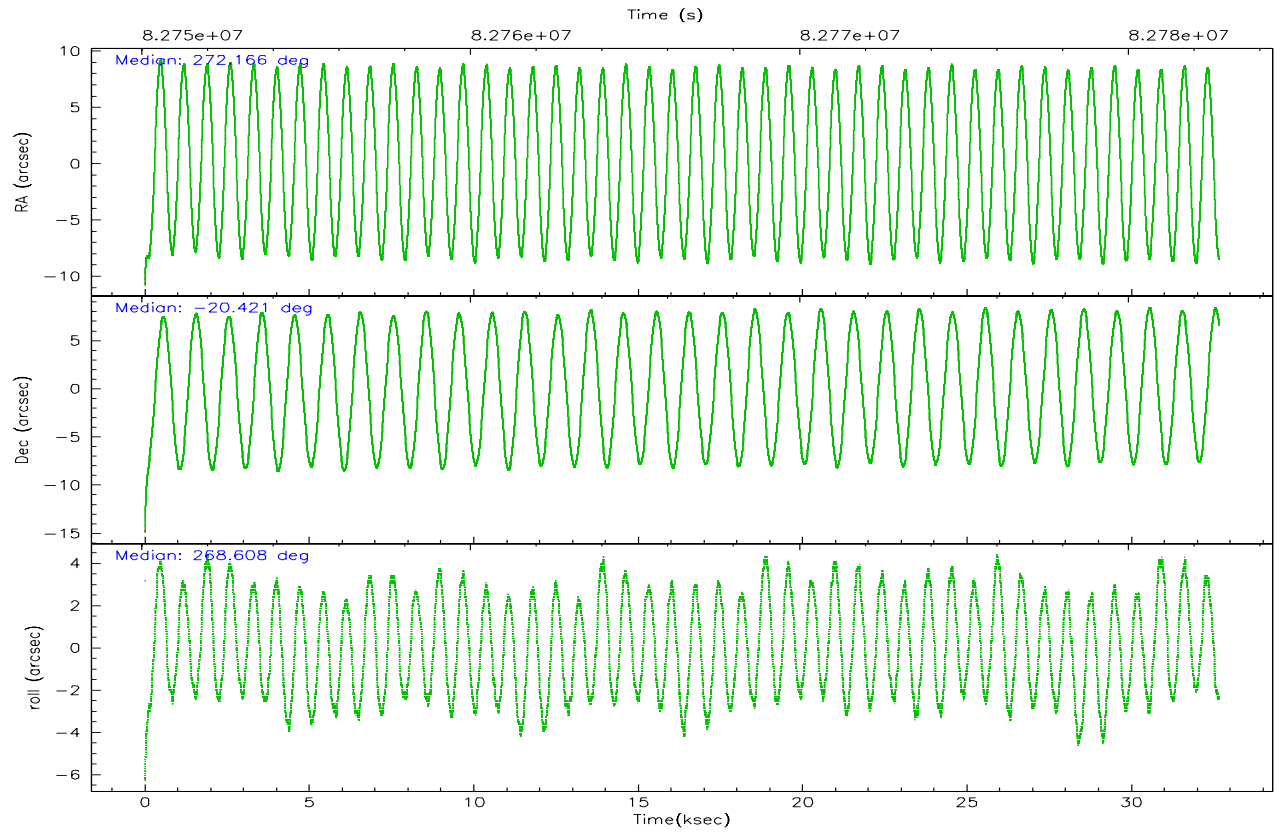
	ccd 7
grade 0 events	5299
	7%
grade 1 events	86
	0%
grade 2 events	8230
	11%
grade 3 events	4367
	6%
grade 4 events	4322
	6%
grade 5 events	5798
	8%
grade 6 events	16778
	23%
grade 7 events	26710
	37%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	272.151695	272.1658166392435	Subarray requested	CUSTOM	1/4
Pointing Dec	-20.397166	-20.4211282493268	Subarray start row	384	384
Pointing Roll	268.448639	268.6101940513043	Subarray row count	256	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.800000	0.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	82750266.184000	82749183.52393			
Observation start date	2000-08-15T18:10:02	2000-08-15T17:53:03			
Observation end time	82782766.184000	82783006.98769701			
Observation end date	2000-08-16T03:11:42	2000-08-16T03:16:46			
Read mode	TIMED	TIMED			

2.3 Aspect



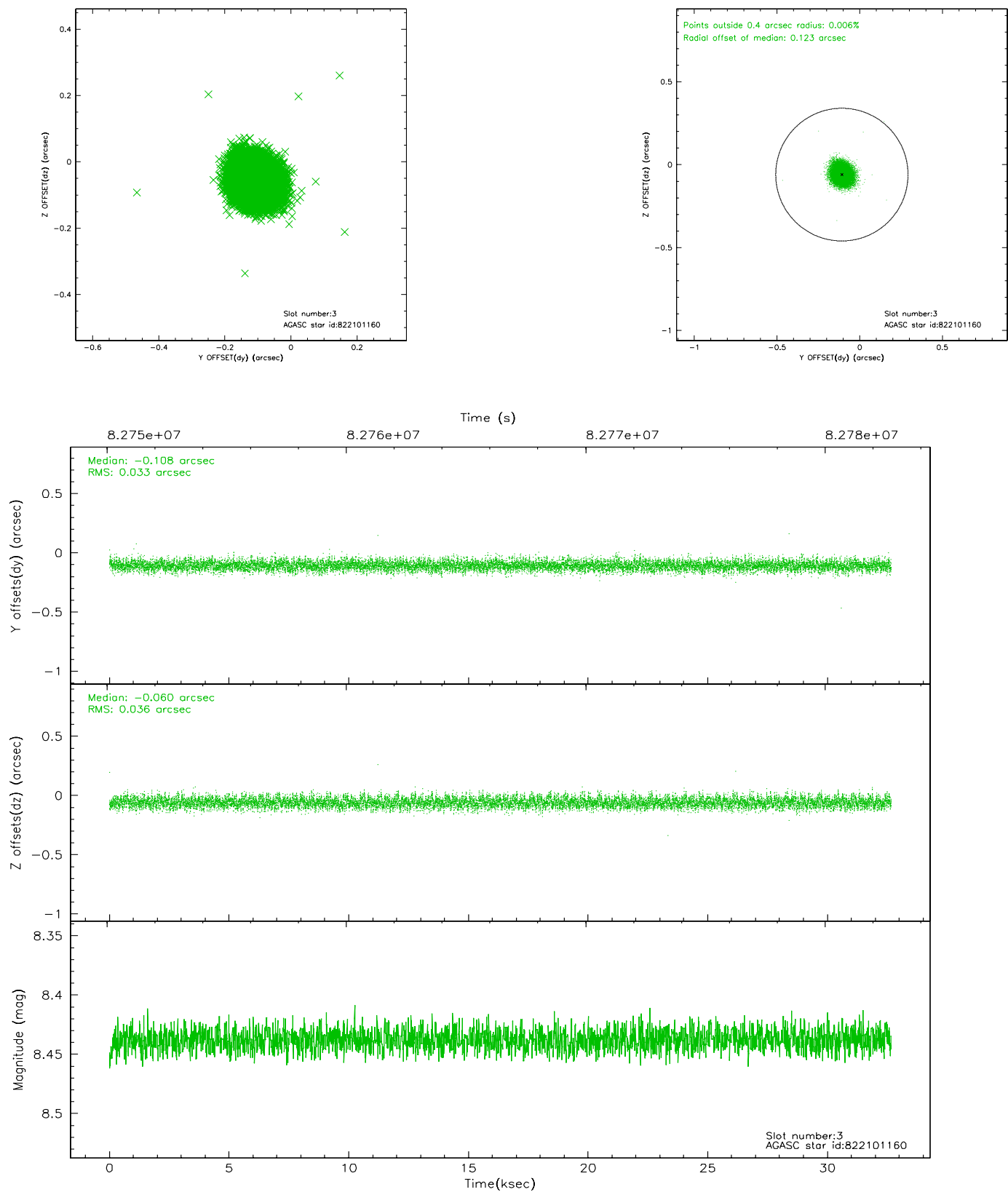


Slot Statistics

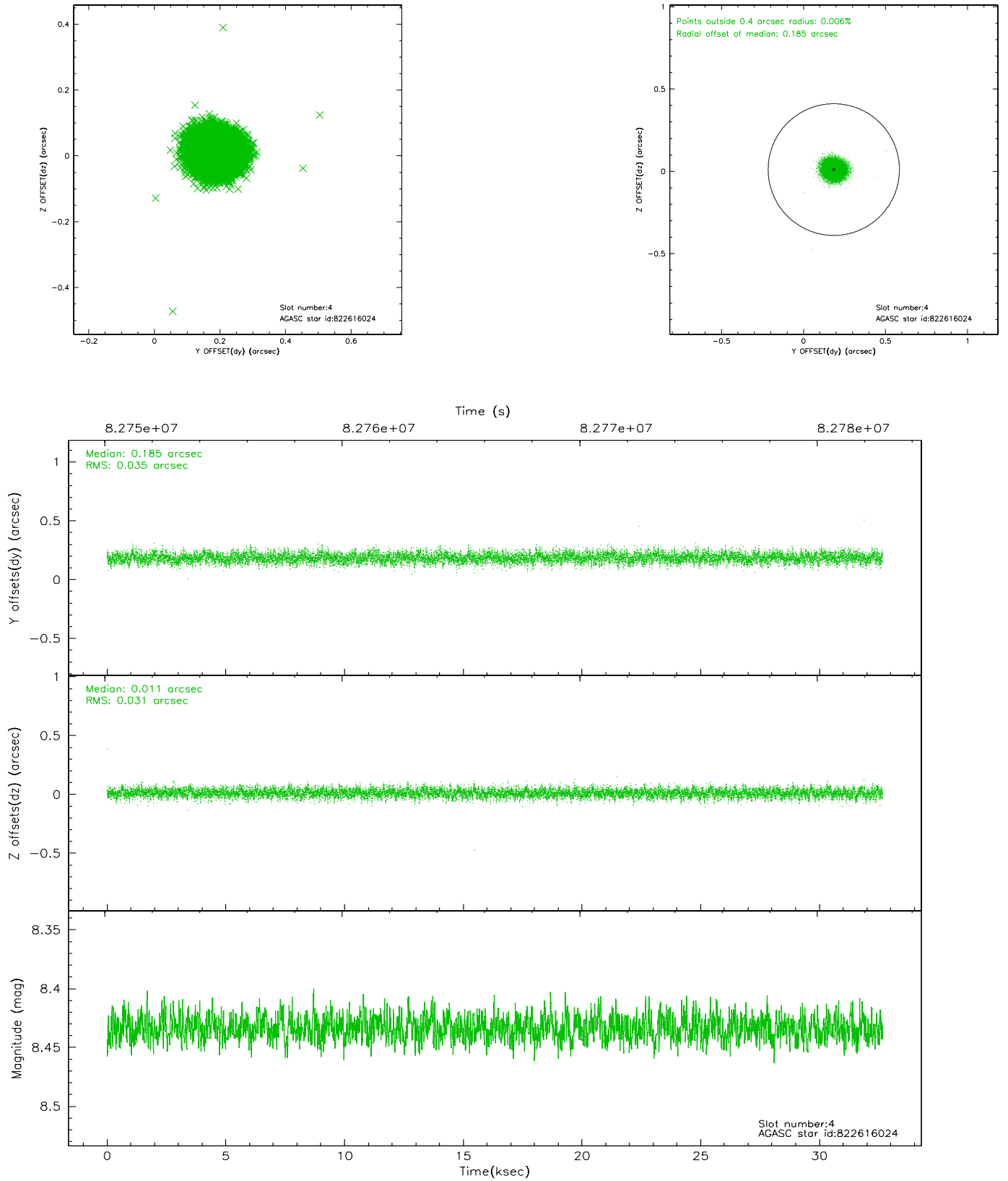
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7967	-0.023	0.018	0.011	0.017	0.000000	0.000000	-754.46	-1726.15
1	FID	ACIS-S-4	7.21	7967	-0.055	0.006	0.005	0.009	0.000000	0.000000	2158.75	182.28
2	FID	ACIS-S-5	7.23	7966	0.046	-0.016	0.011	0.017	0.000000	0.000000	-1807.18	175.96
3	GUIDE	822101160	8.44	15934	-0.108	-0.060	0.052	0.083	272.245889	-20.018987	-1370.09	282.08
4	GUIDE	822616024	8.43	15936	0.185	0.011	0.050	0.080	272.218514	-20.919122	1871.94	276.16
5	GUIDE	822102232	8.80	15933	-0.040	0.042	0.071	0.115	272.350923	-20.034935	-1321.83	638.85
6	GUIDE	822617304	8.96	15927	0.081	0.098	0.061	0.100	272.421826	-20.831304	1537.96	951.66
7	GUIDE	820399496	8.33	15930	-0.115	-0.079	0.072	0.124	271.495152	-19.953854	-1531.27	-2263.54

2.4 Star Slots

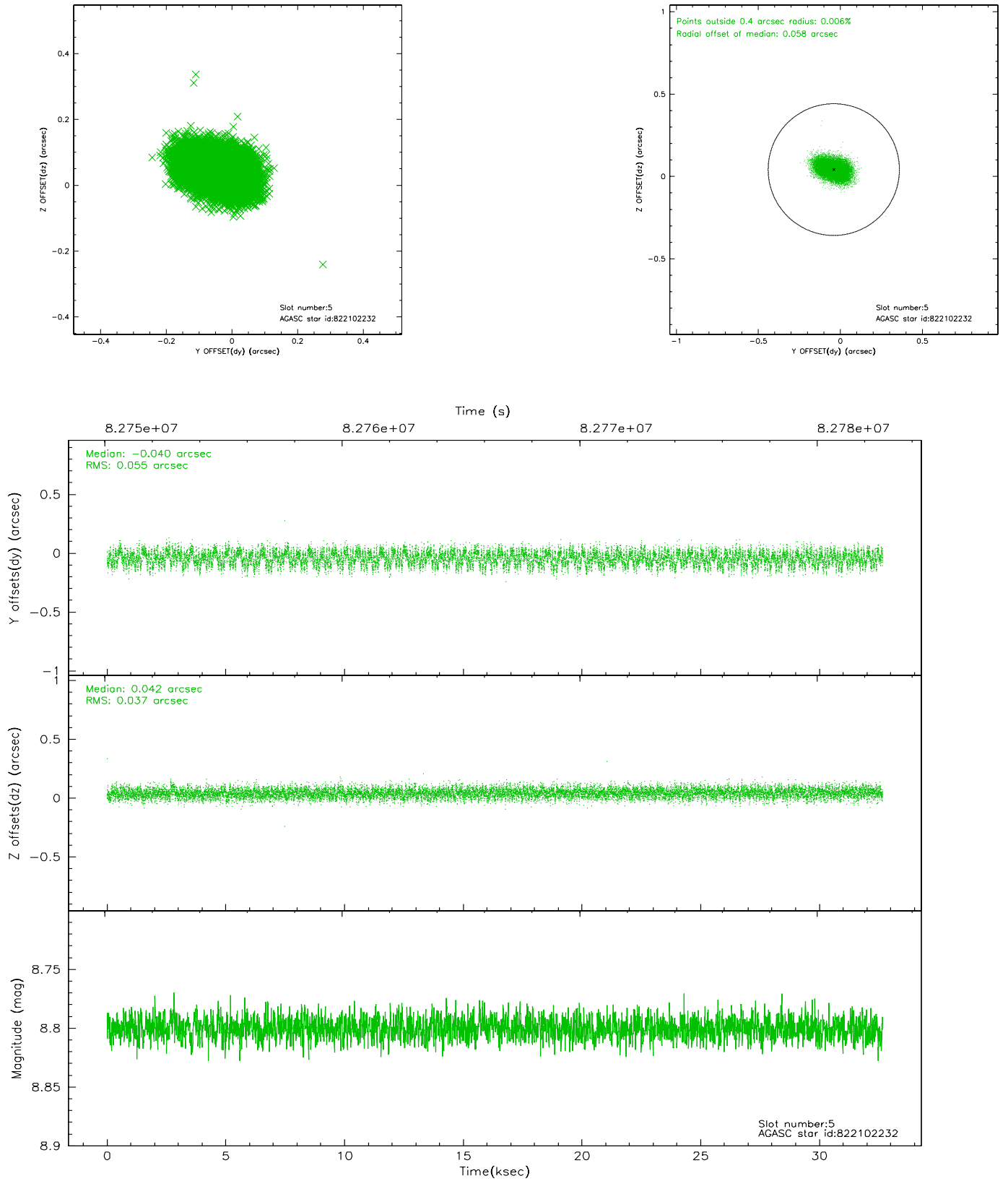
2.4.1 Slot 3



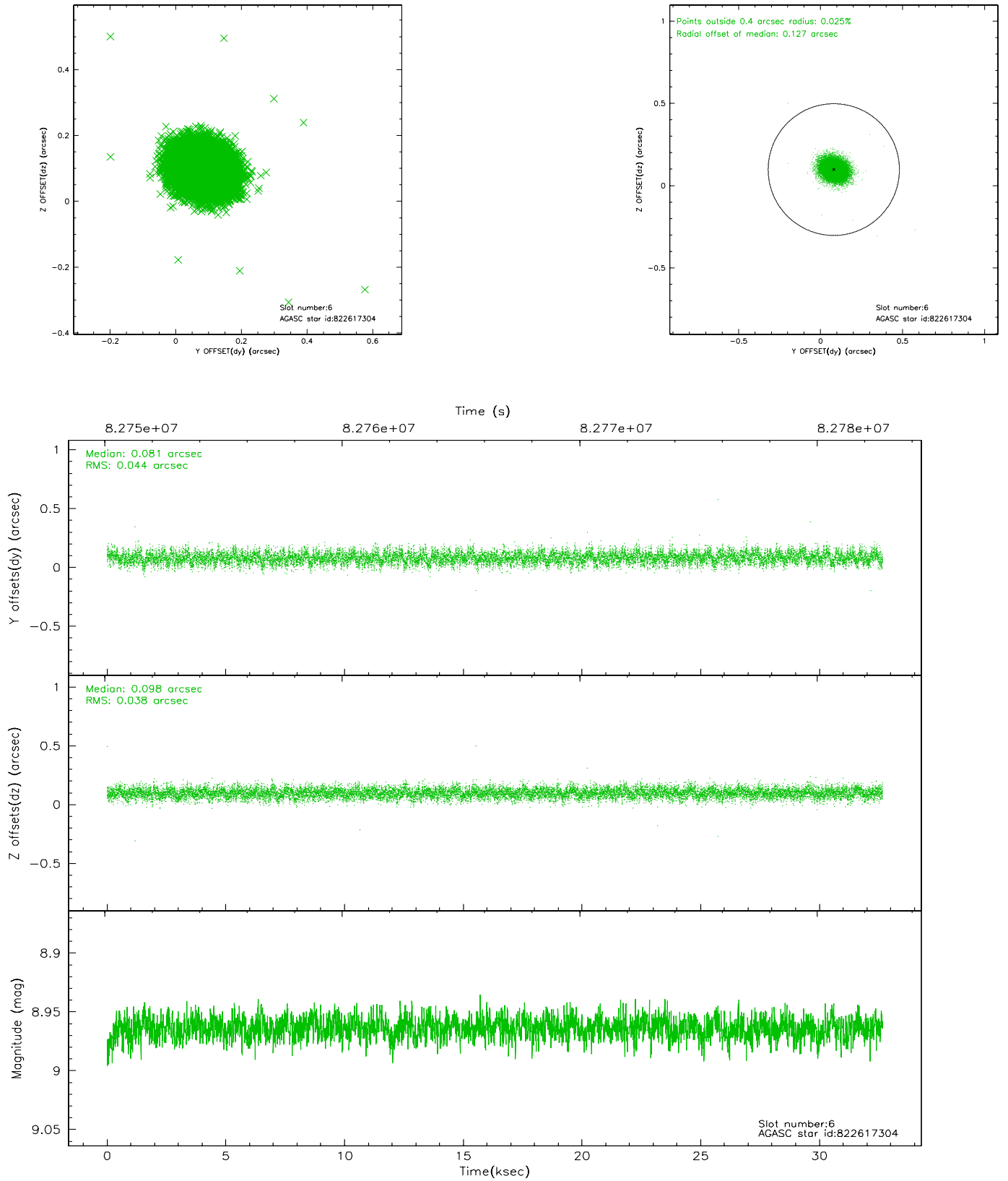
2.4.2 Slot 4



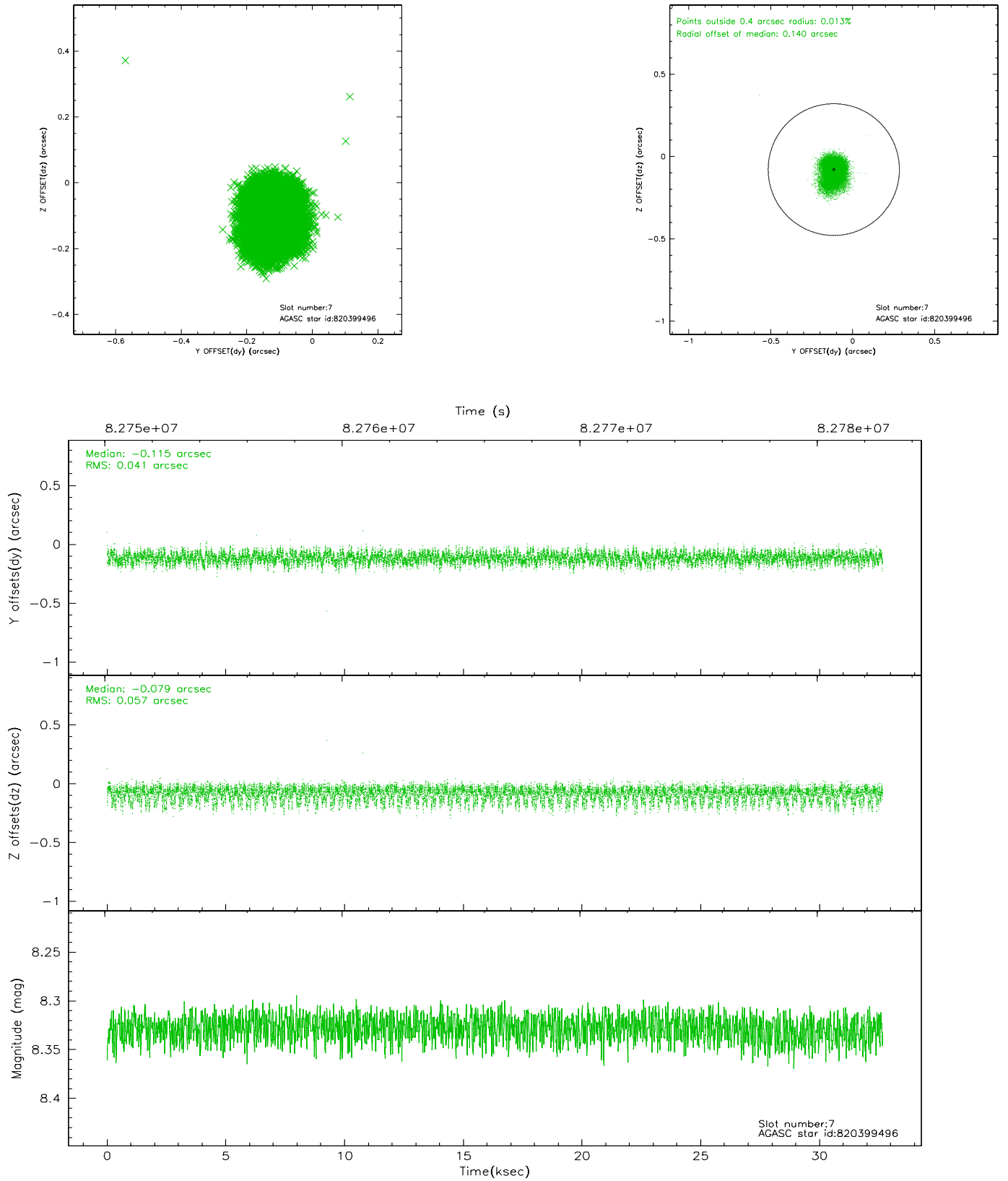
2.4.3 Slot 5



2.4.4 Slot 6

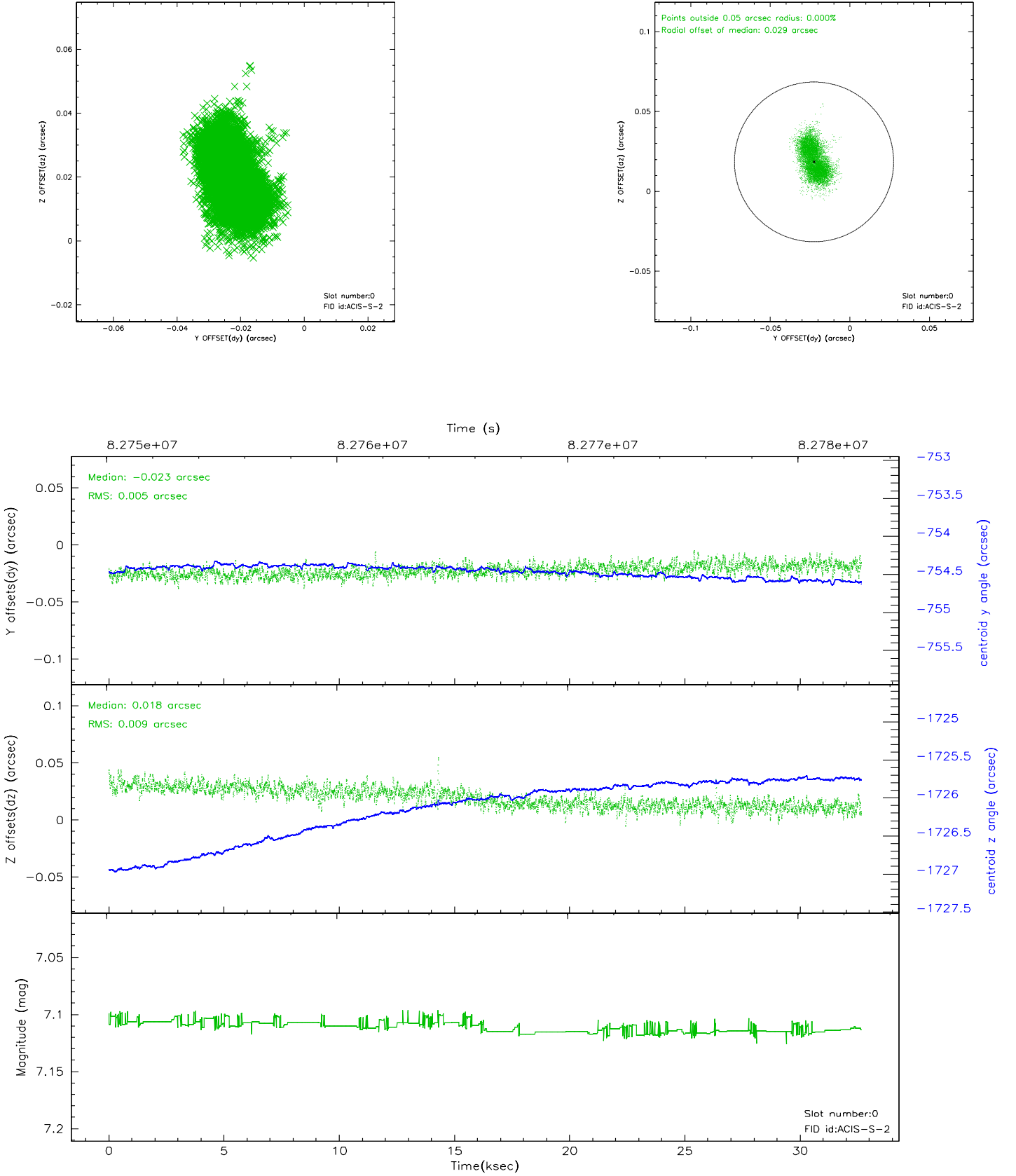


2.4.5 Slot 7

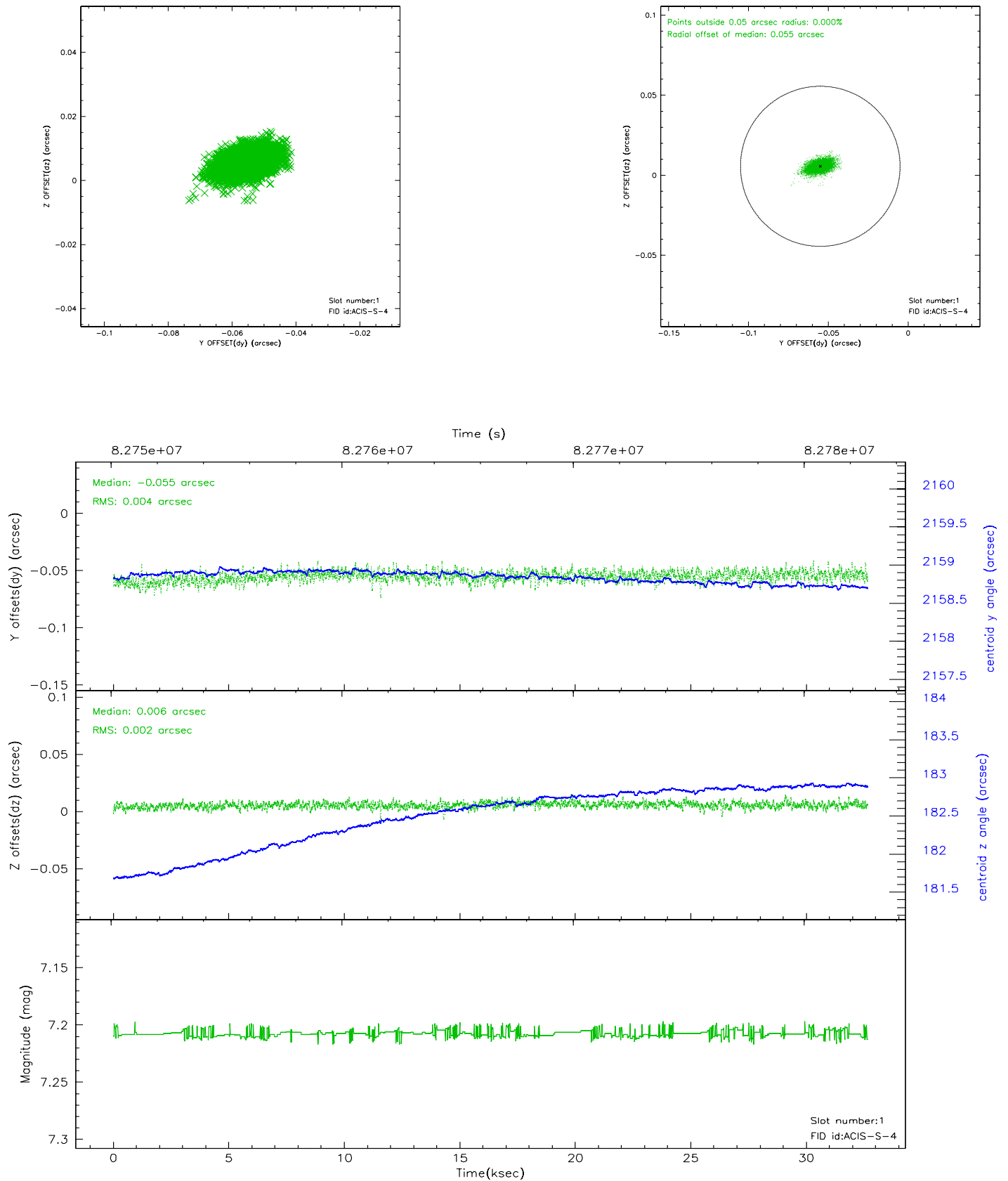


2.5 FID Slots

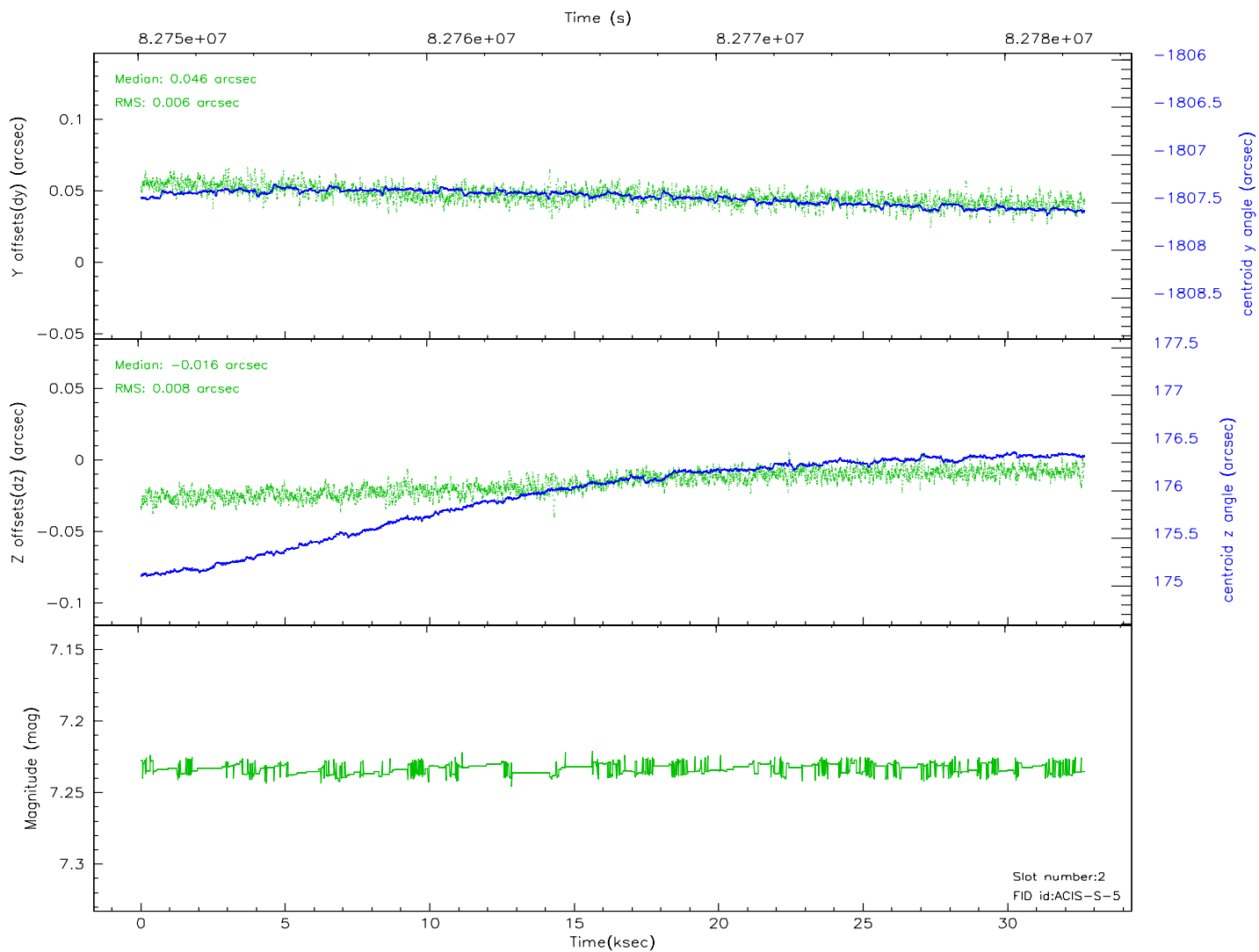
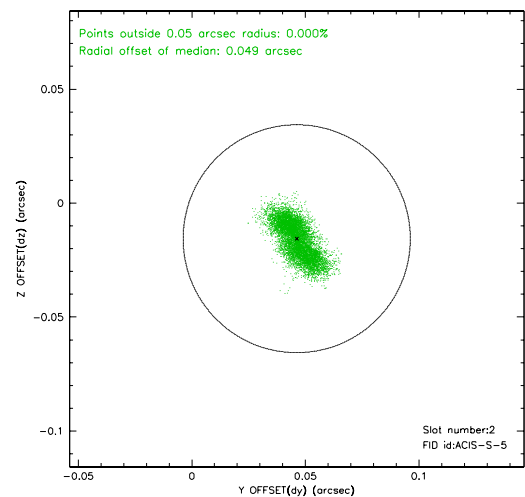
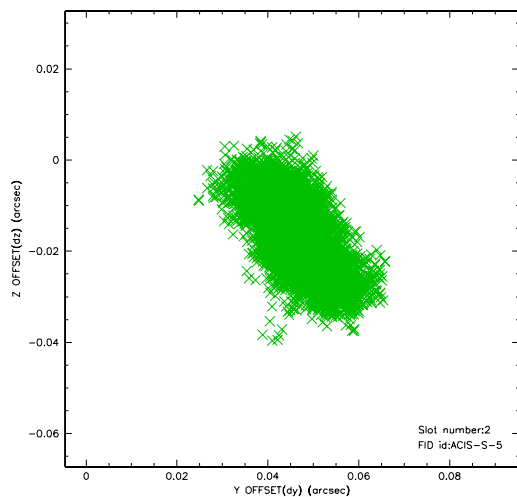
2.5.1 Slot 0



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)	2007.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	32.662

A.2 Comments