

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3856 - L2 Version 001
Chandra X-Ray Center

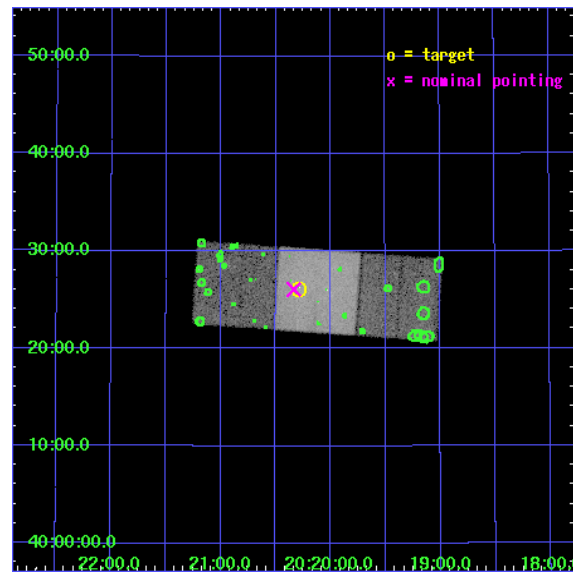
L2 Processing Date : Jul 19 2006

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1 Front

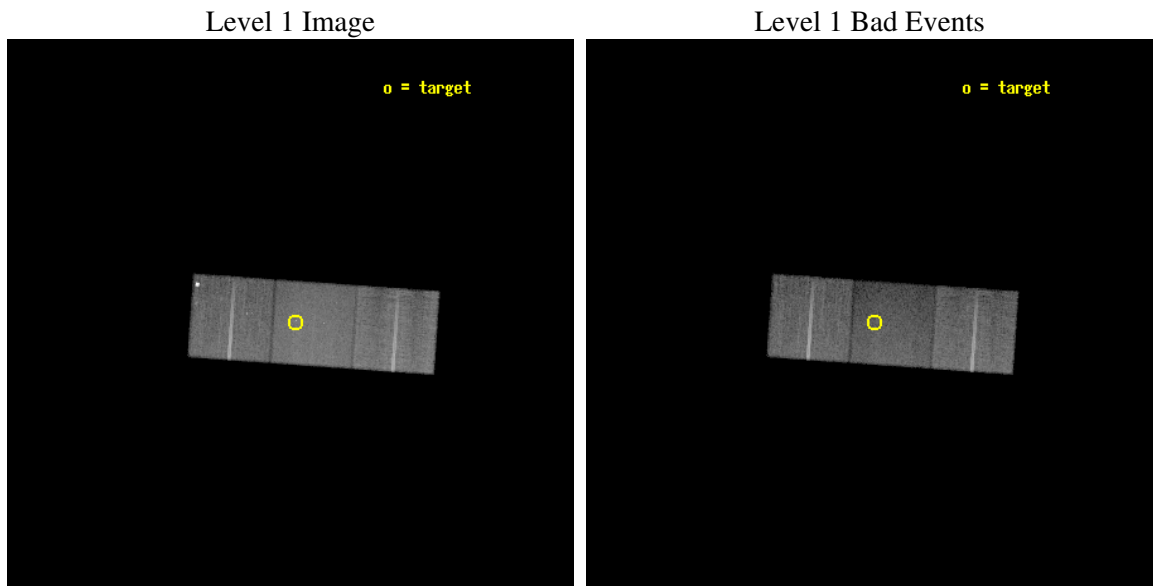
seq_num	500335
obs_id	3856
title	CHANDRA OBSERVATIONS OF THE UNIDENTIFIED GAMMA-RAY SOURCE IN GAMMA-CYGNI
observer	Dr. Werner Becker
object	RX J2020.3+4026
dtcycle	0
cycle	P
ra_targ	305.070833
dec_targ	40.435833
ra_nom	305.0834370297
dec_nom	40.434793191983
roll_nom	3.9940405862975
revision	2
ontime	30358.299941629
livetime	29961.646403437
ontime6	30358.299941629
ontime7	30358.299941629
ontime8	30358.299941629
l2events	121582



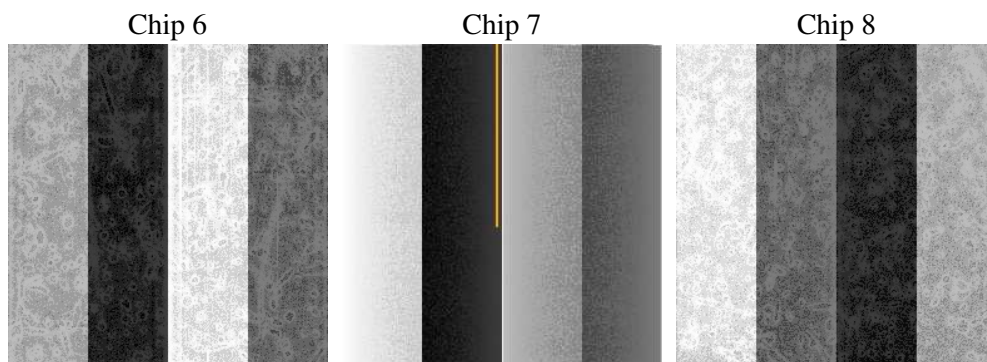
2 OBI

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	2006-07-19T12:11:13
revision	2

sched_exp_time	30000.000000
ontime	30364.0520432
ontime6	30364.0520432
ontime7	30364.0520432
ontime8	30364.0520432
l1events	548194

2.1.4 Events

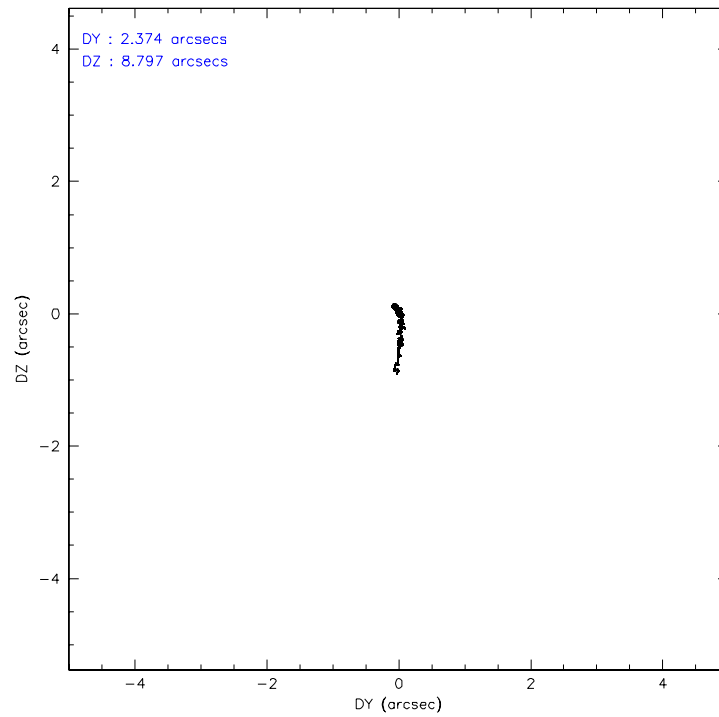
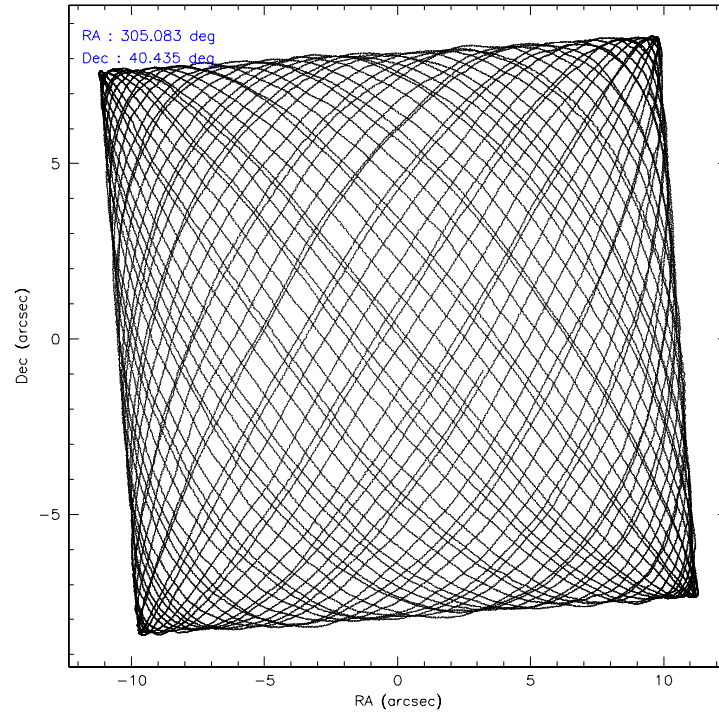
	ccd 6	ccd 7	ccd 8
level 1 events	169331	182550	196313
rejected events	138861	97247	150127
rejected %	82%	53%	76%

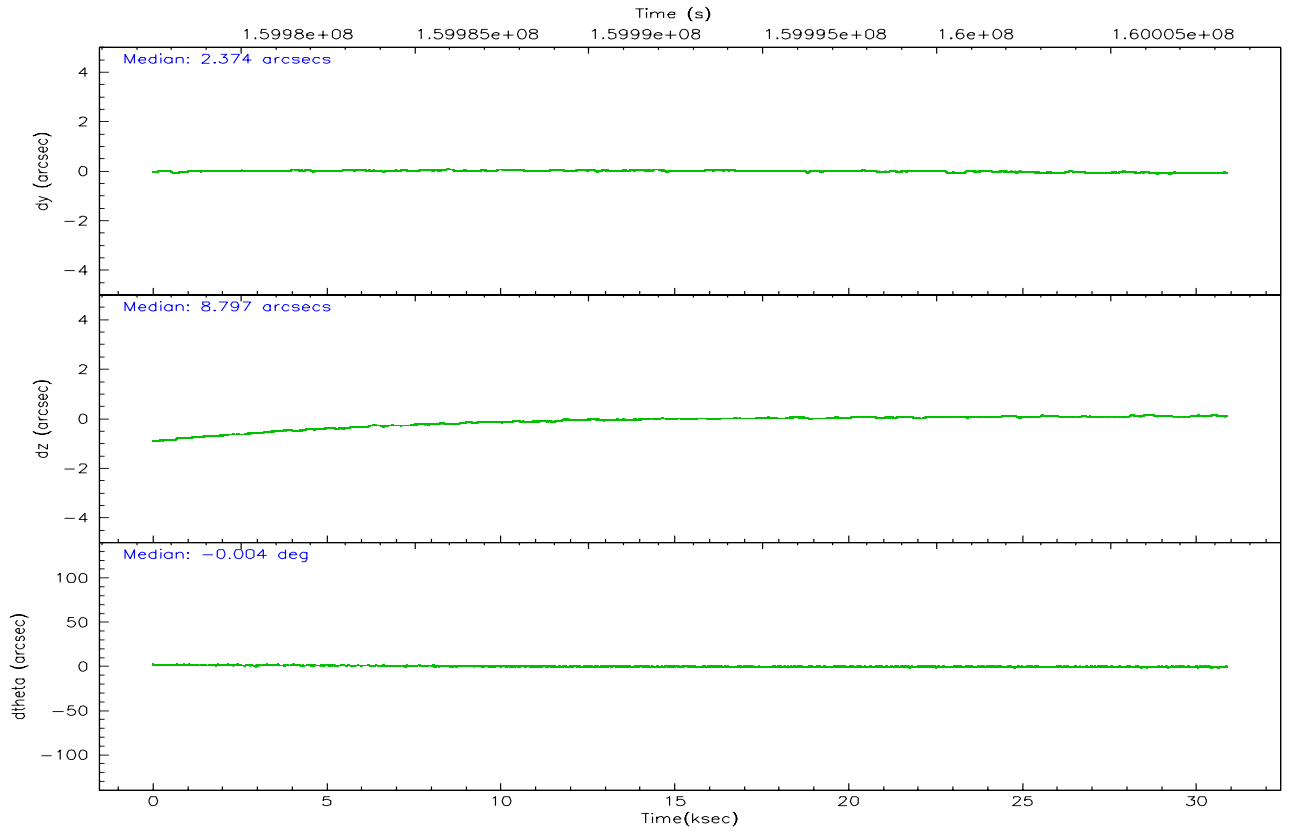
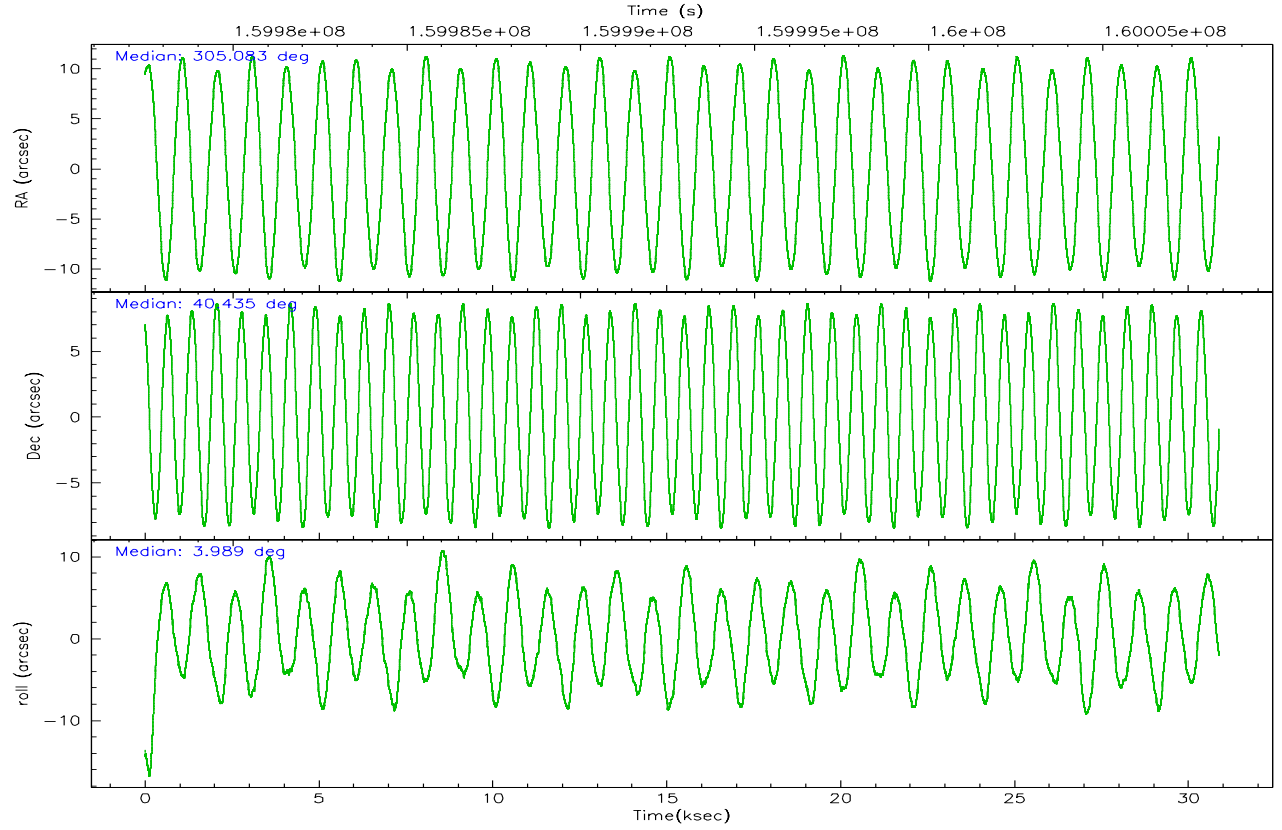
	ccd 6	ccd 7	ccd 8
grade 0 events	19298	6302	15540
	11%	3%	7%
grade 1 events	95	89	137
	0%	0%	0%
grade 2 events	3822	20496	9586
	2%	11%	4%
grade 3 events	1996	5404	4769
	1%	2%	2%
grade 4 events	1886	5204	4378
	1%	2%	2%
grade 5 events	6023	12884	8641
	3%	7%	4%
grade 6 events	3469	47909	11921
	2%	26%	6%
grade 7 events	132742	84262	141341
	78%	46%	71%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-678	ACIS-678	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	NONE	NONE
Pointing RA	305.054078	305.0834370297041	Alternating exposures requested	N	N
Pointing Dec	40.419271	40.43479319198257	Primary exposure time	0.000000	3.1
Pointing Roll	3.856454	3.994040586297472			
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	159978357.184000	159977044.38478			
Observation start date	2003-01-26T14:24:53	2003-01-26T14:04:04			
Observation end time	160008357.184000	160008655.3861			
Observation end date	2003-01-26T22:44:53	2003-01-26T22:50:55			
Read mode	TIMED	TIMED			

2.3 Aspect



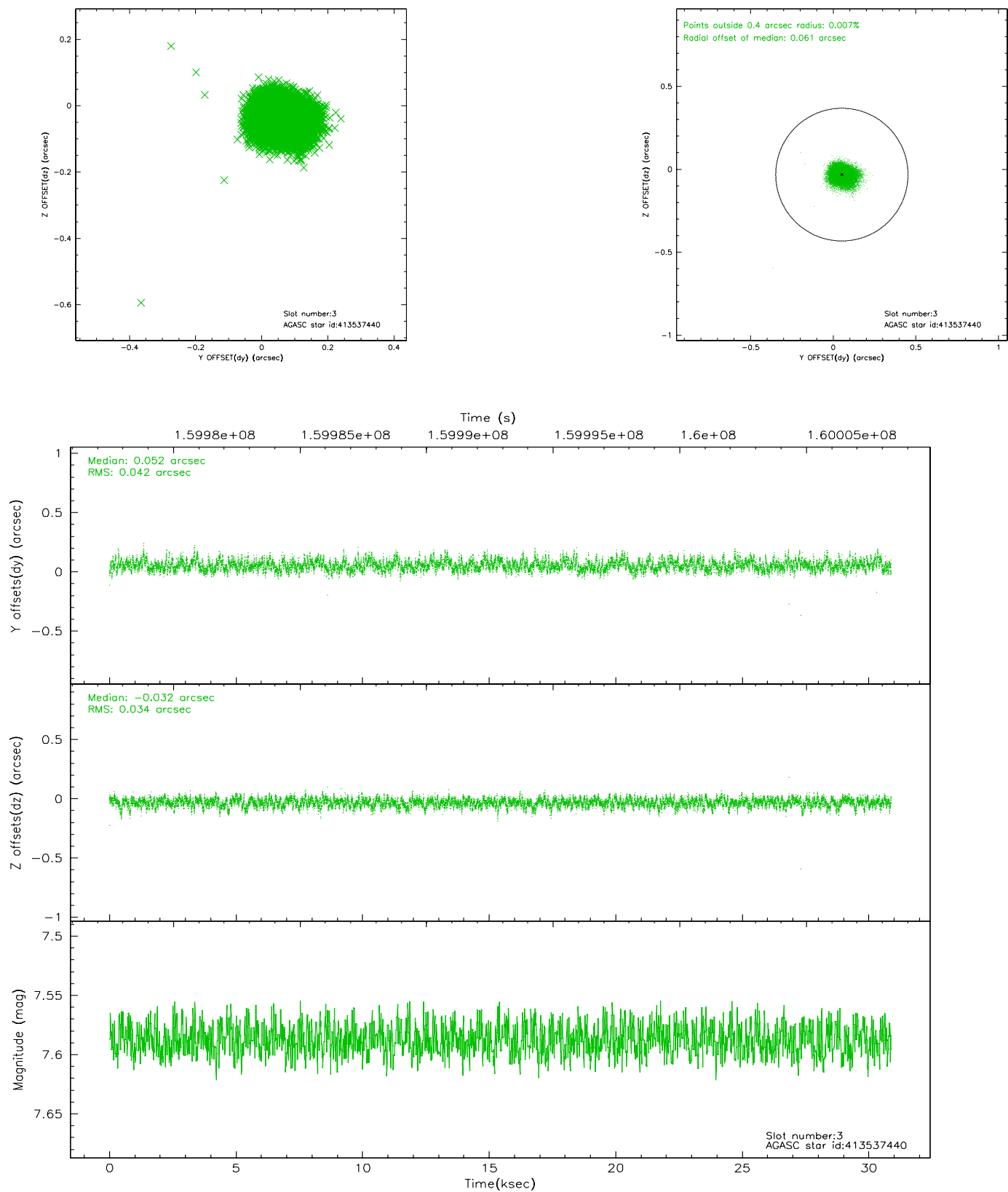


Slot Statistics

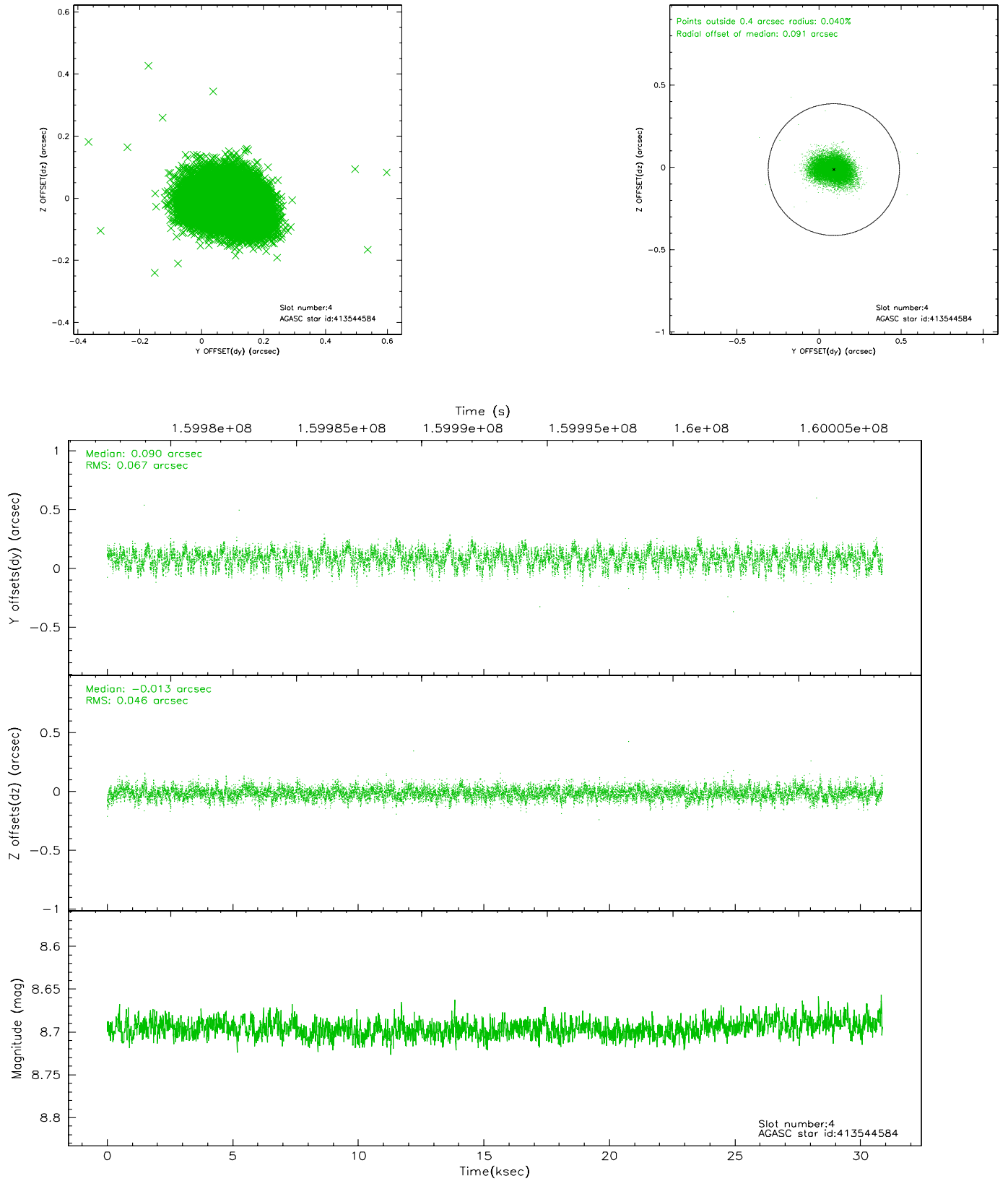
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	7533	-0.015	0.015	0.008	0.015	0.000000	0.000000	-755.00	-1729.88
1	FID	ACIS-S-4	7.20	7533	-0.060	0.003	0.006	0.011	0.000000	0.000000	2158.19	178.53
2	FID	ACIS-S-5	7.24	7532	0.043	-0.009	0.008	0.013	0.000000	0.000000	-1807.71	172.25
3	GUIDE	413537440	7.59	15065	0.052	-0.032	0.057	0.094	304.302199	40.591389	-2008.36	765.22
4	GUIDE	413544584	8.70	15061	0.090	-0.013	0.086	0.139	304.249535	40.843713	-2082.76	1682.00
5	GUIDE	413676032	8.22	15067	-0.096	-0.074	0.062	0.099	305.794948	40.874960	2122.88	1510.10
6	GUIDE	413677128	8.75	15060	-0.032	0.075	0.074	0.123	305.508885	39.832873	1113.24	-2187.12
7	GUIDE	413673064	9.28	15060	-0.008	0.044	0.088	0.145	305.845171	40.156255	2109.01	-1081.12

2.4 Star Slots

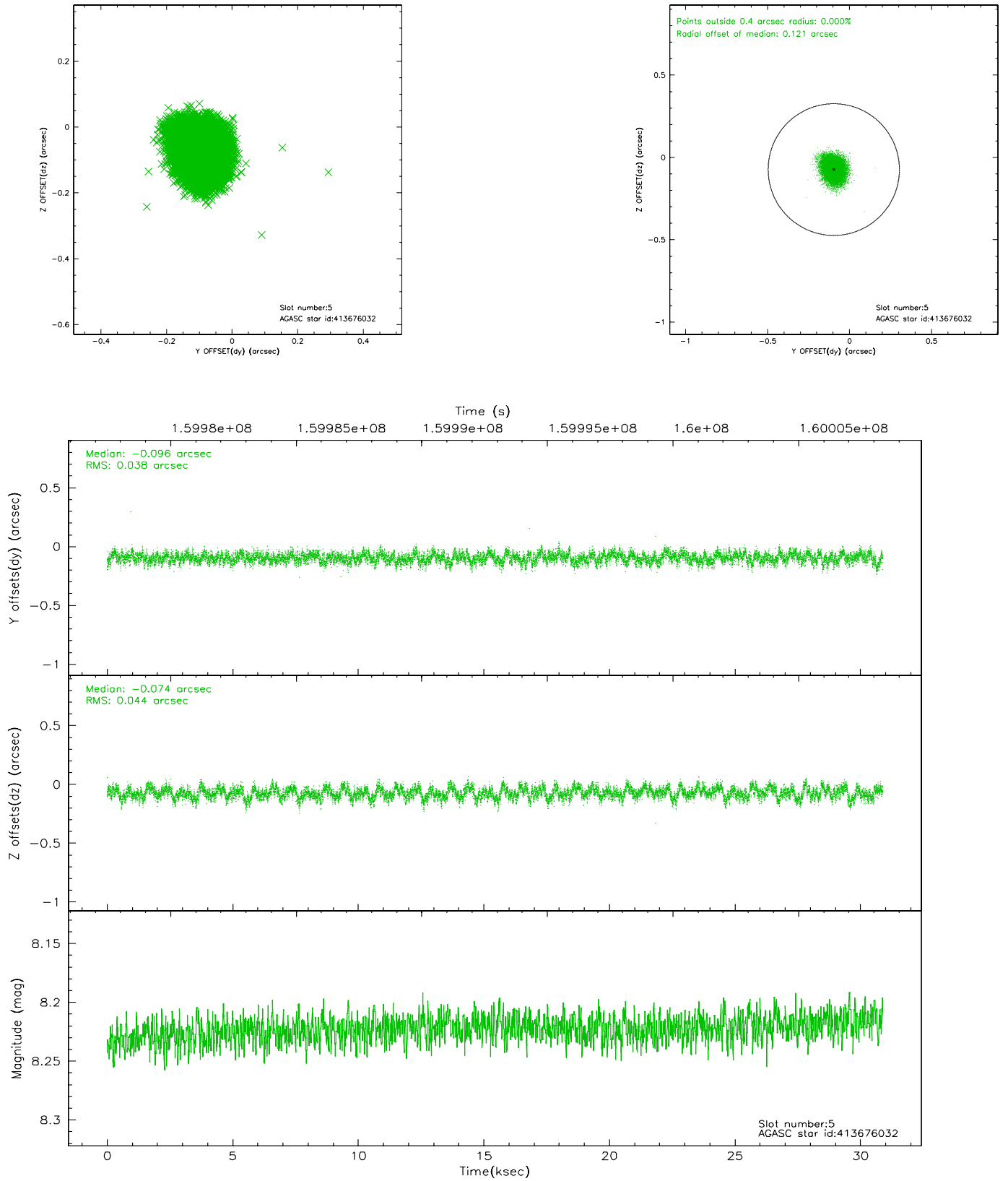
2.4.1 Slot 3



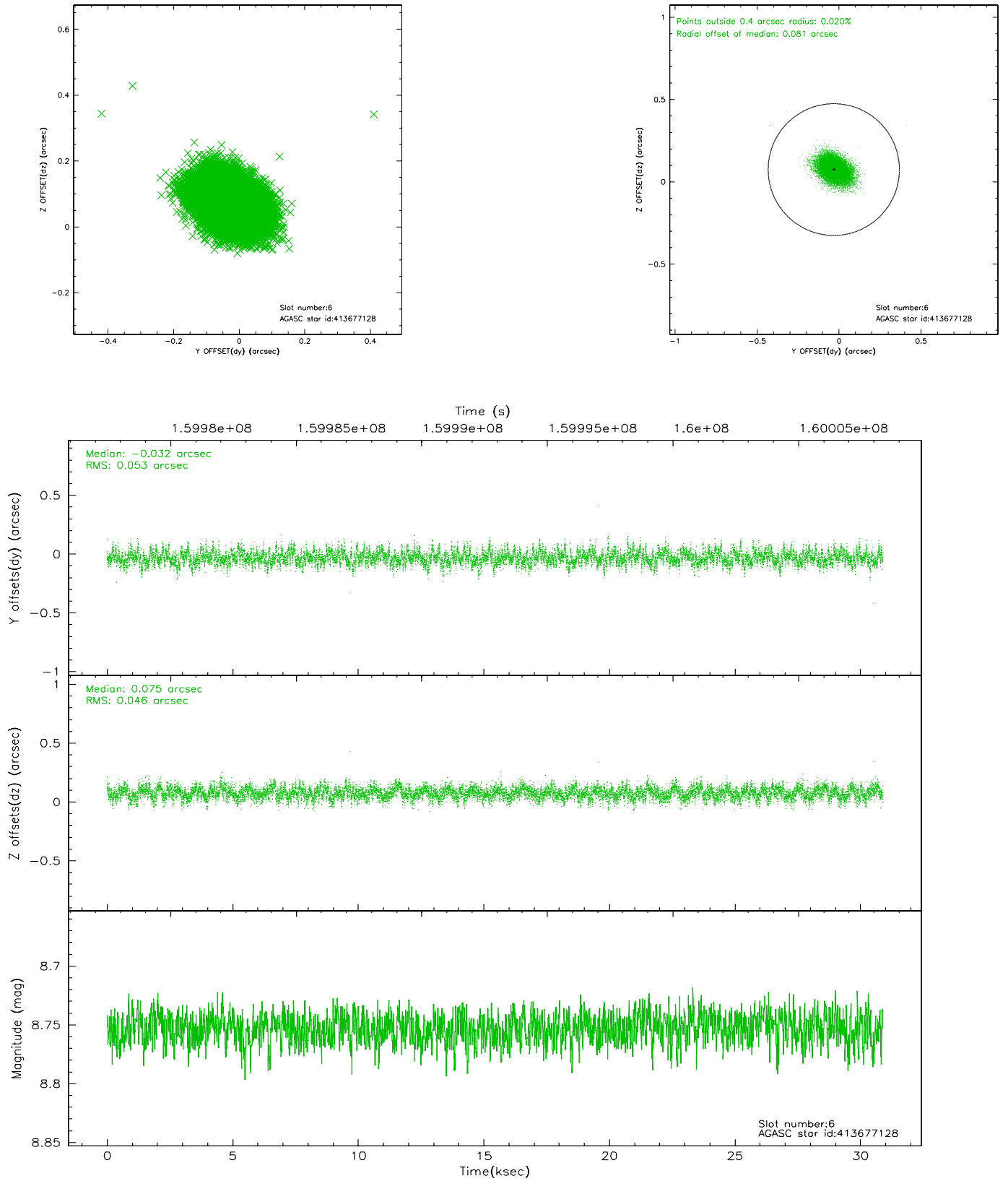
2.4.2 Slot 4



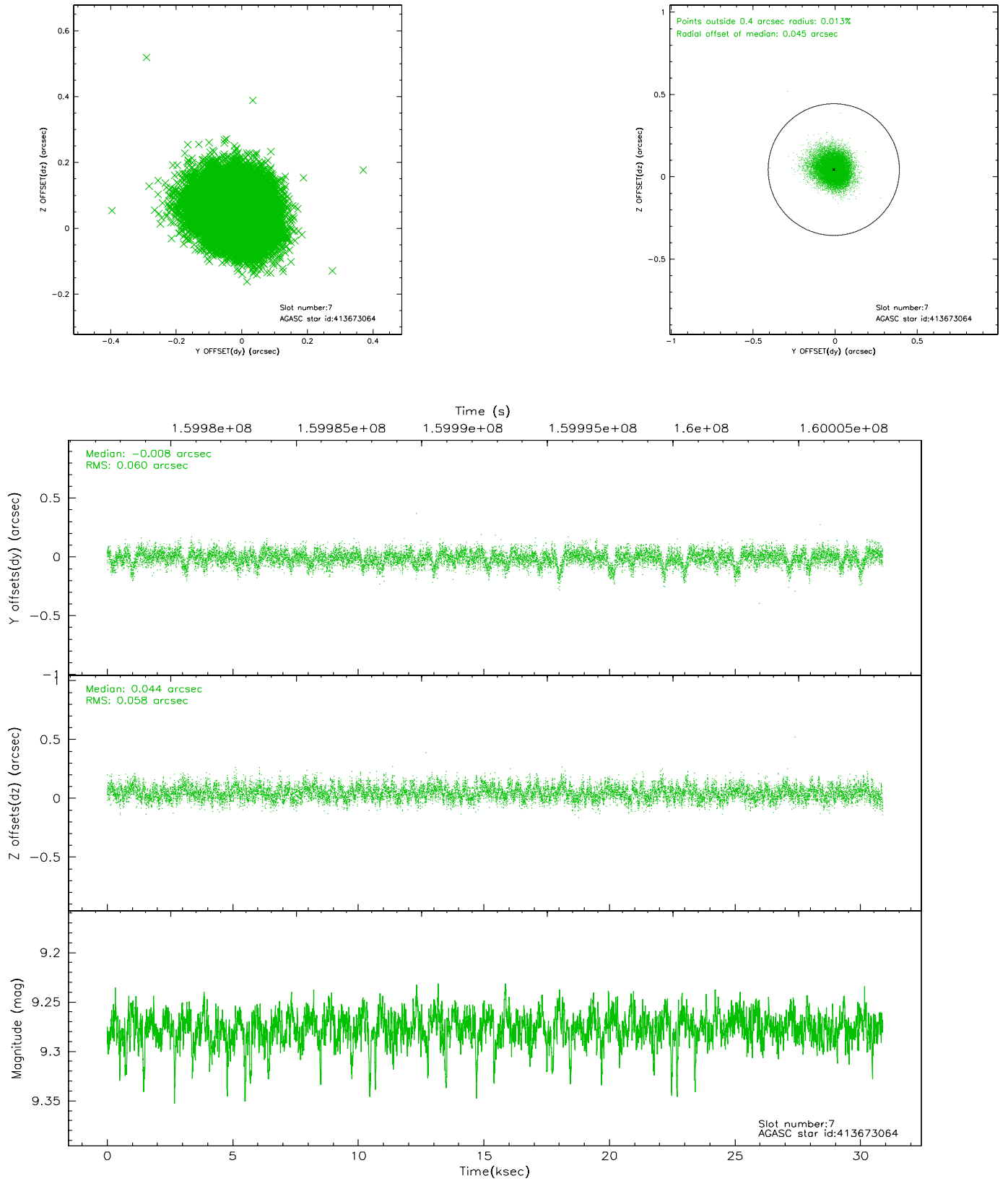
2.4.3 Slot 5



2.4.4 Slot 6

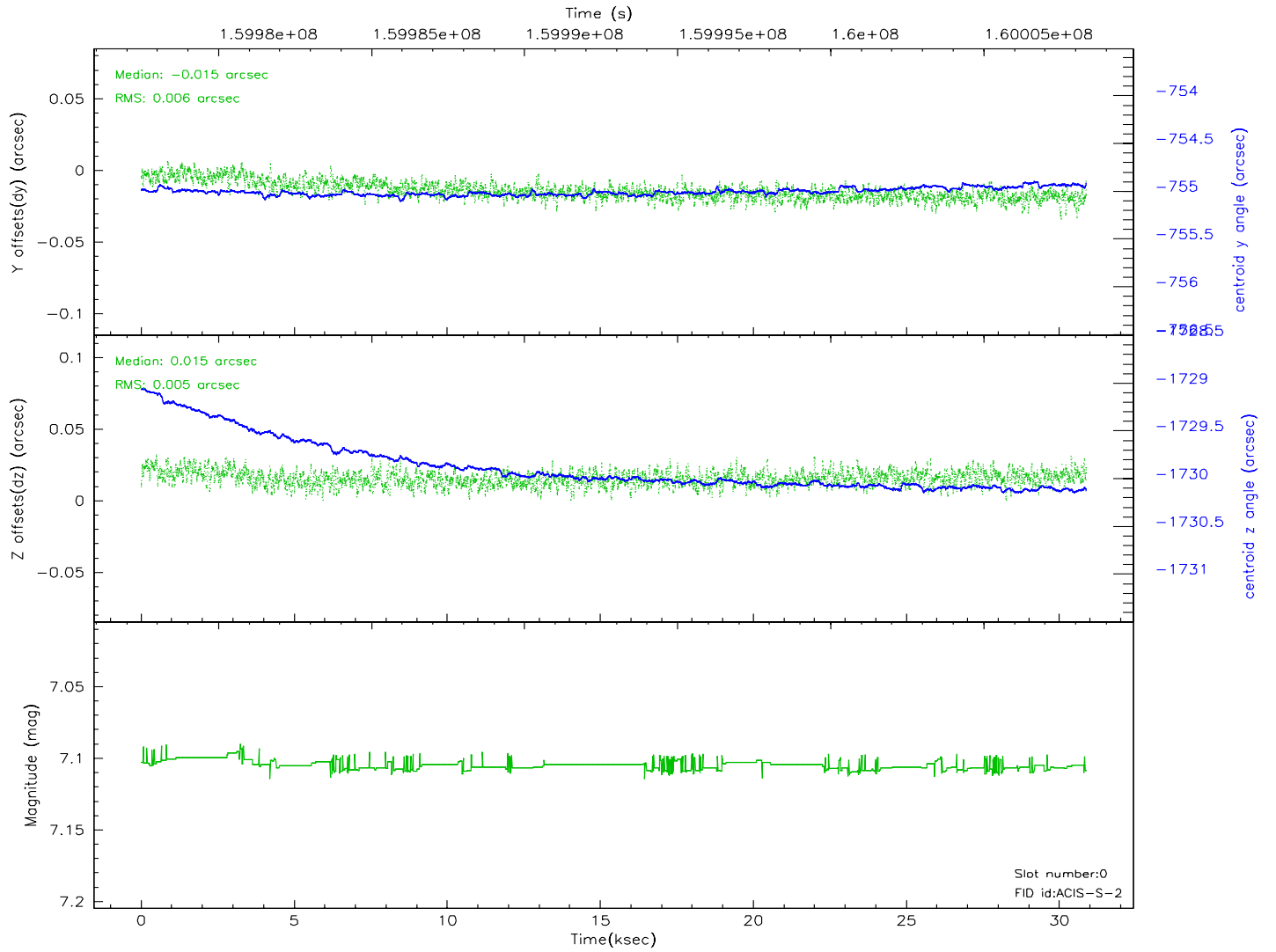
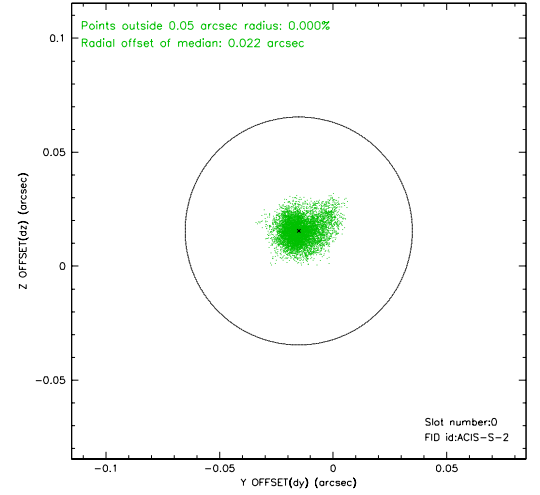
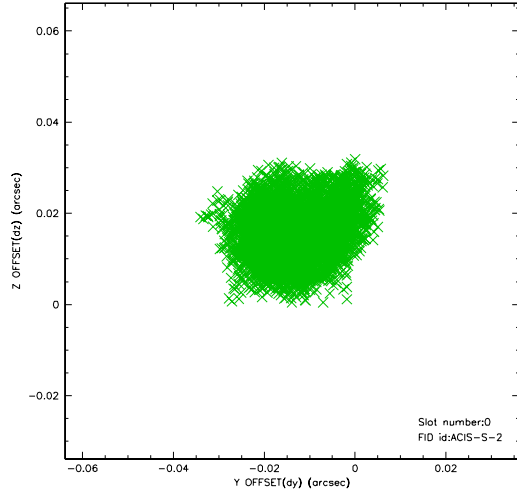


2.4.5 Slot 7

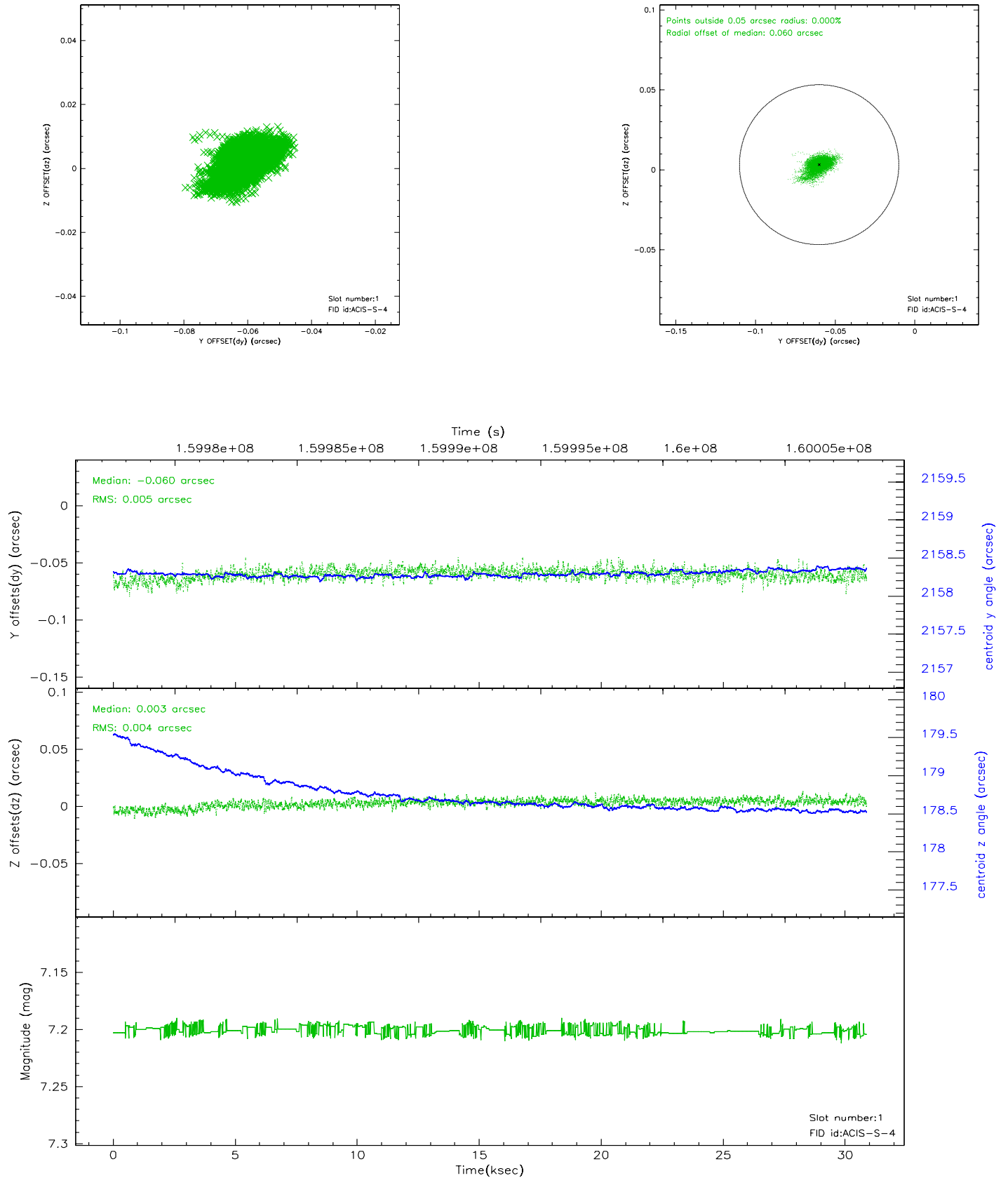


2.5 FID Slots

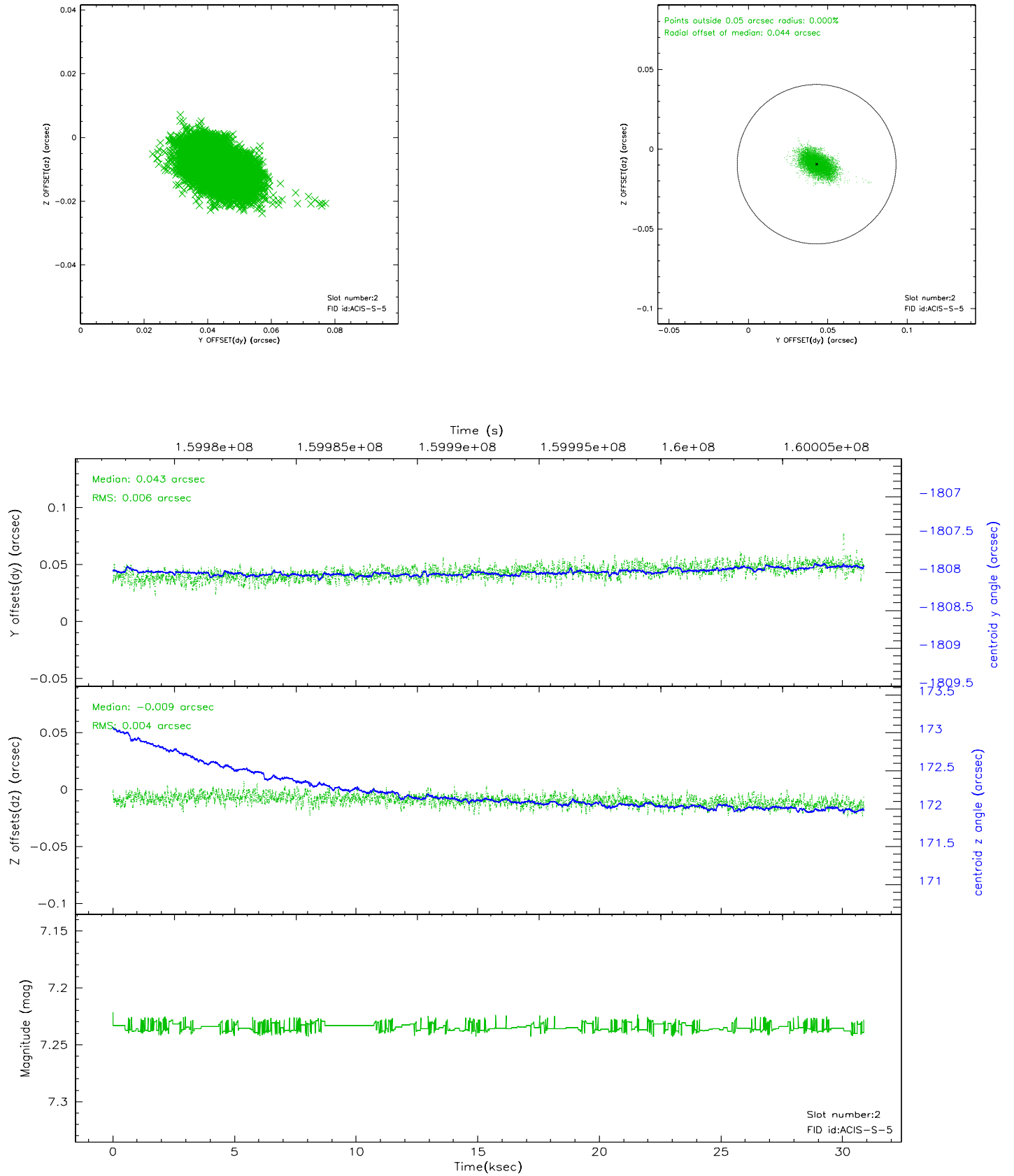
2.5.1 Slot 0



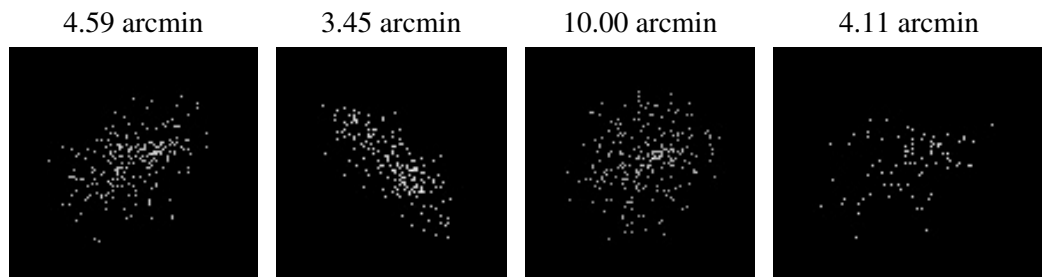
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.358

A.2 Comments