

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1047 - L2 Version 001
Chandra X-Ray Center

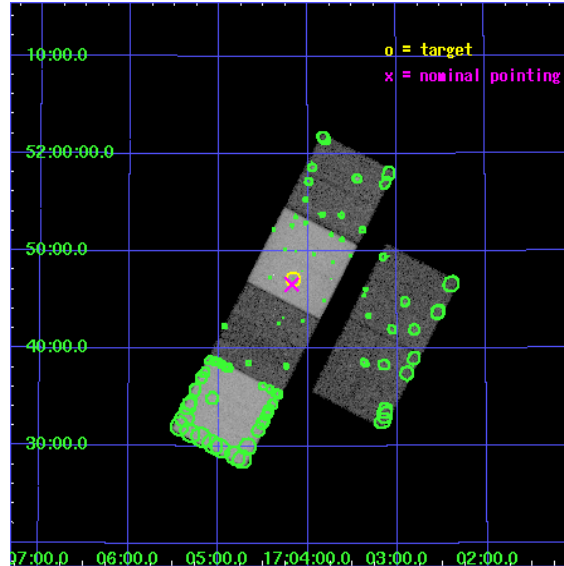
L2 Processing Date : Jun 9 2007

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1 Front

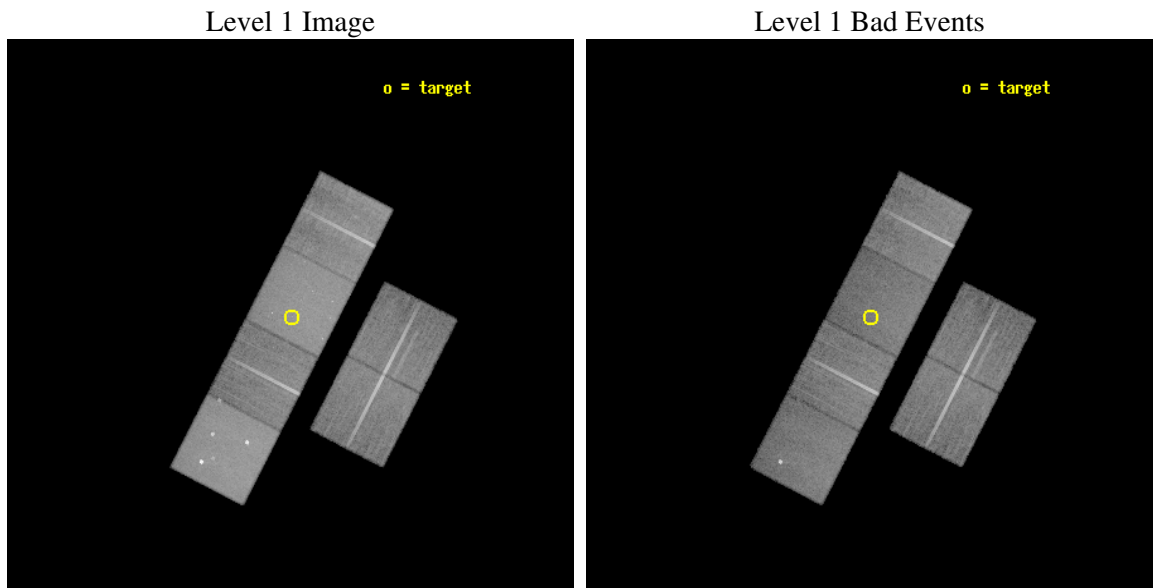
seq_num	500113
obs_id	1047
title	GAMMA-RAY BURSTS: DISCOVERING THE PROGENITORS AND UNDERSTANDING THE EXPLOSION
observer	Prof. Shrinivas Kulkarni
object	GRB 000926
dtcycle	0
cycle	P
ra_targ	256.04
dec_targ	51.786444
ra_nom	256.04460179162
dec_nom	51.776934817745
roll_nom	297.21131379967
revision	2
ontime	32649.600030407
livetime	32236.171135593
ontime2	32649.600030407
ontime3	32649.600030407
ontime5	32649.600030407
ontime6	32649.600030407
ontime7	32649.600030407
ontime8	32646.359199792
l2events	368043



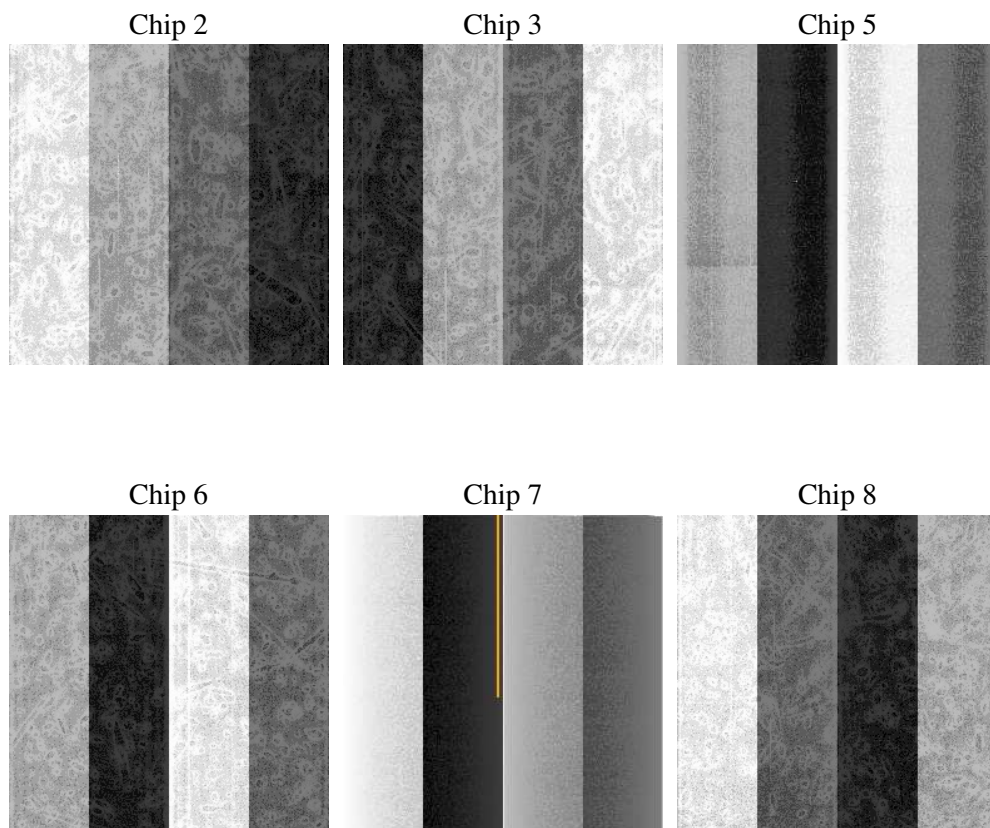
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-09T21:34:59
revision	2

sched_exp_time	32889.030000
ontime	32649.600030407
ontime2	32649.600030407
ontime3	32649.600030407
ontime5	32649.600030407
ontime6	32649.600030407
ontime7	32649.600030407
ontime8	32646.359199792
l1events	1432313

2.1.4 Events

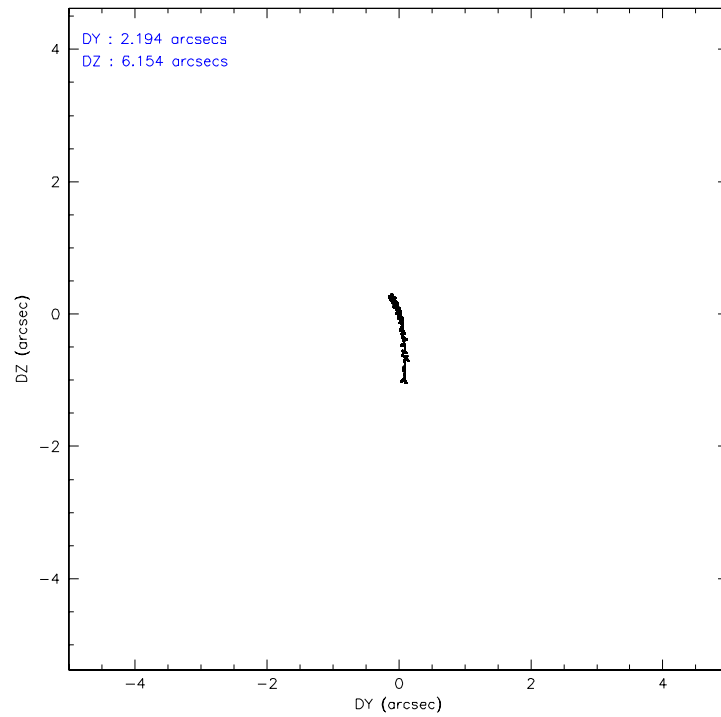
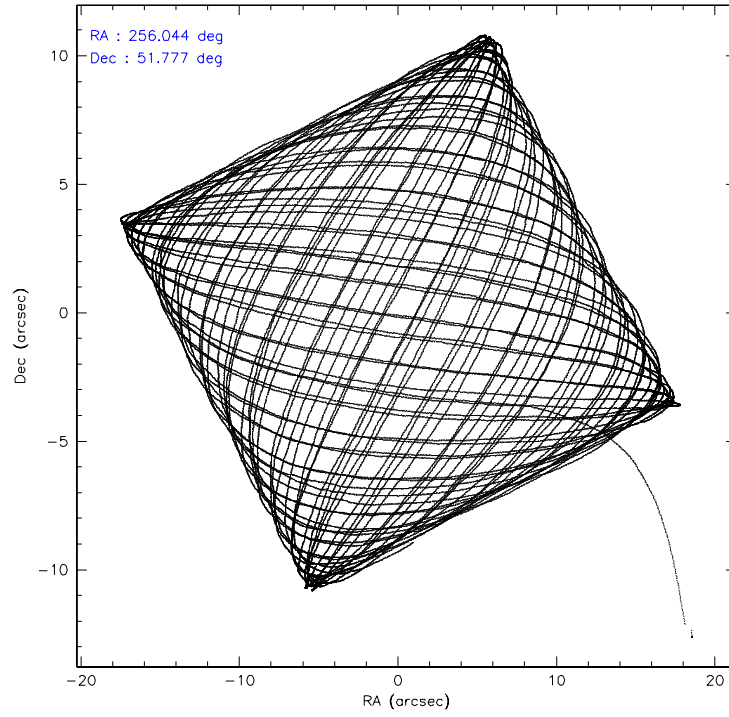
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	199996	186034	314898	201301	284078	246006
rejected events	178108	165114	150101	179052	142250	198379
rejected %	89%	88%	47%	88%	50%	80%

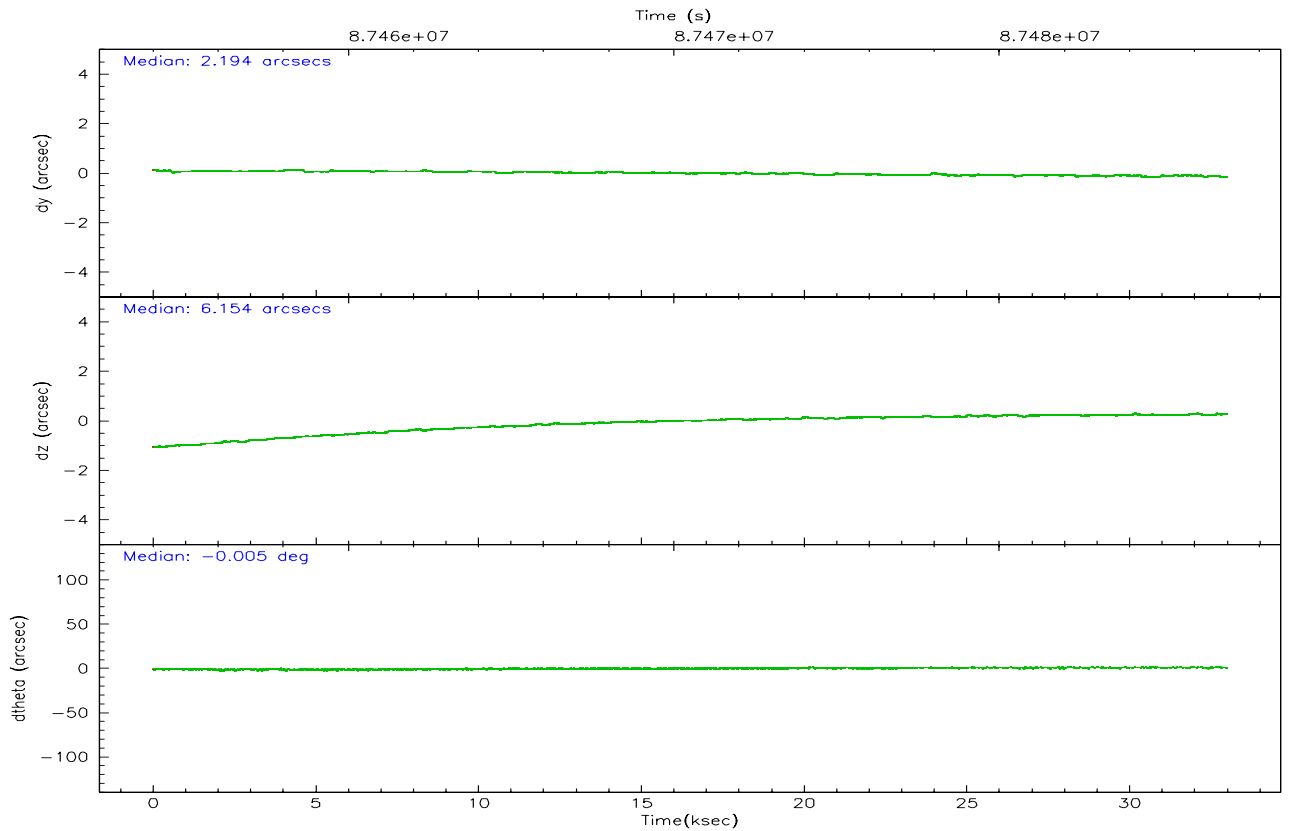
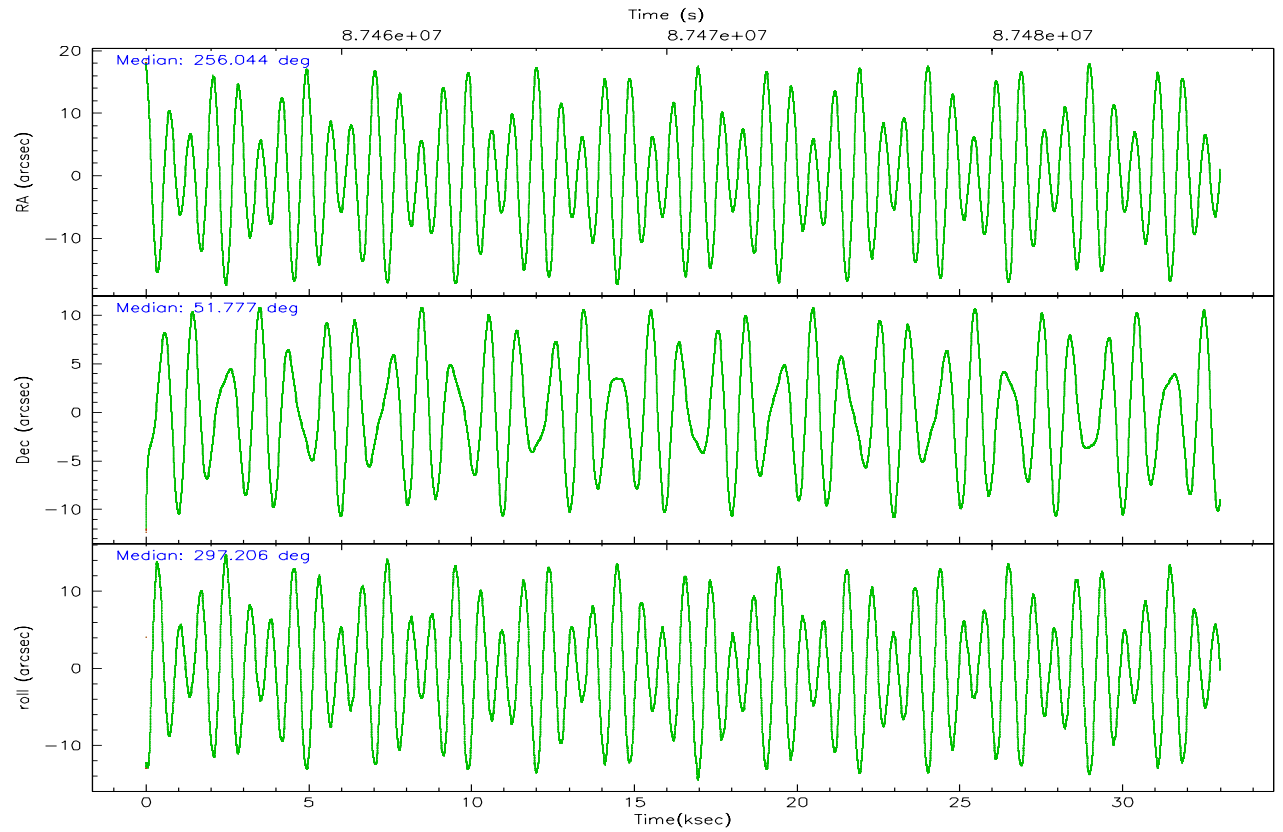
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9274	9293	26991	9371	17672	15329
	4%	4%	8%	4%	6%	6%
grade 1 events	80	90	344	96	245	141
	0%	0%	0%	0%	0%	0%
grade 2 events	4616	3873	47122	4323	28311	10324
	2%	2%	14%	2%	9%	4%
grade 3 events	2085	2049	8214	2209	12893	4993
	1%	1%	2%	1%	4%	2%
grade 4 events	2079	2059	7854	2177	12826	4627
	1%	1%	2%	1%	4%	1%
grade 5 events	6608	7254	21803	8004	23718	10189
	3%	3%	6%	3%	8%	4%
grade 6 events	3836	3649	74642	4174	70141	12356
	1%	1%	23%	2%	24%	5%
grade 7 events	171418	157767	127928	170947	118272	188047
	85%	84%	40%	84%	41%	76%

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	256.007279	256.0446017916199	Subarray requested	NONE	NONE
Pointing Dec	51.791594	51.77693481774456	Alternating exposures requested	N	N
Pointing Roll	297.084015	297.2113137996652	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	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	87454108.184000	87452025.150739			
Observation start date	2000-10-09T04:47:24	2000-10-09T04:13:45			
Observation end time	87486997.184000	87487311.80207101			
Observation end date	2000-10-09T13:55:33	2000-10-09T14:01:51			
Read mode	TIMED	TIMED			

2.3 Aspect



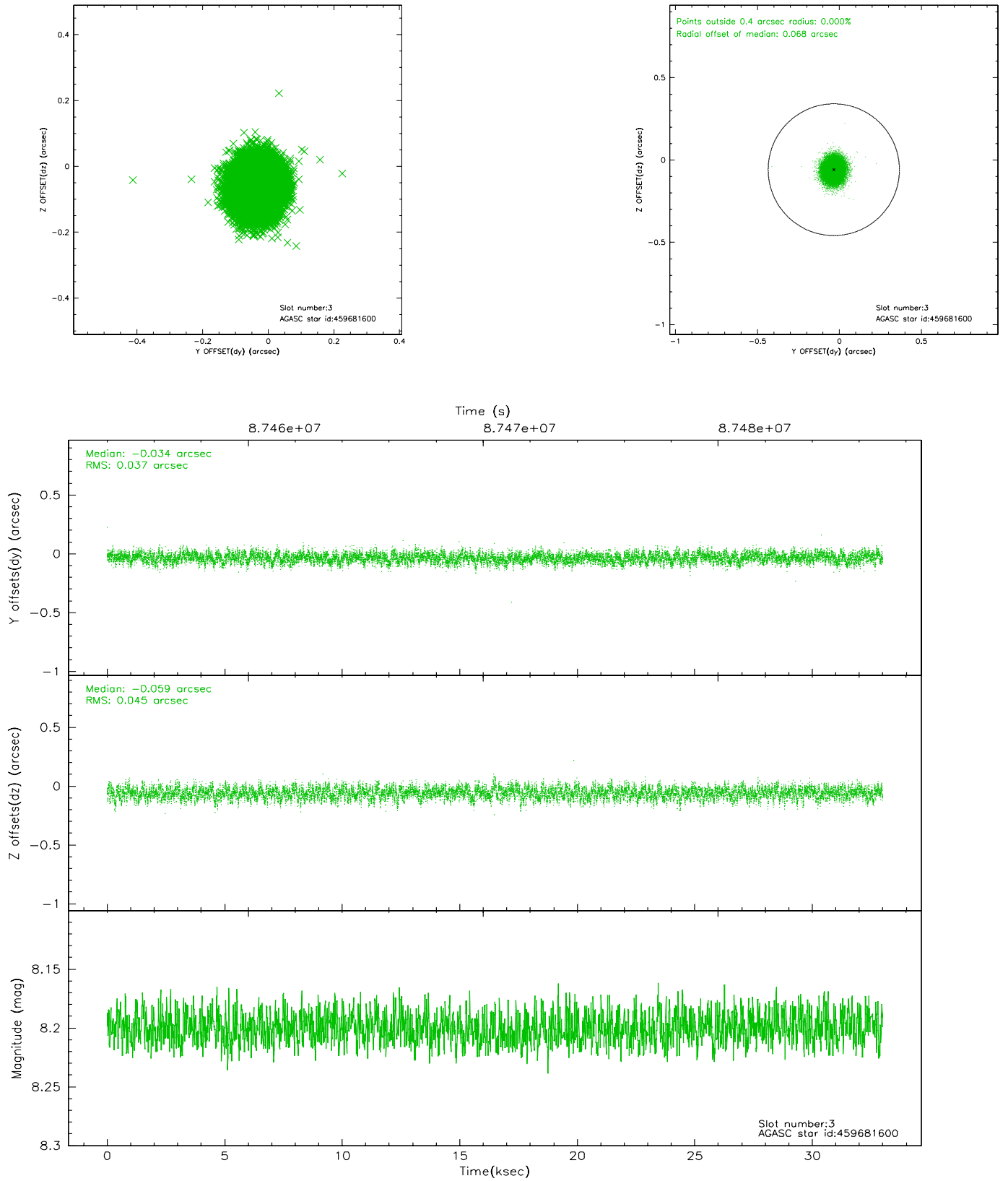


Slot Statistics

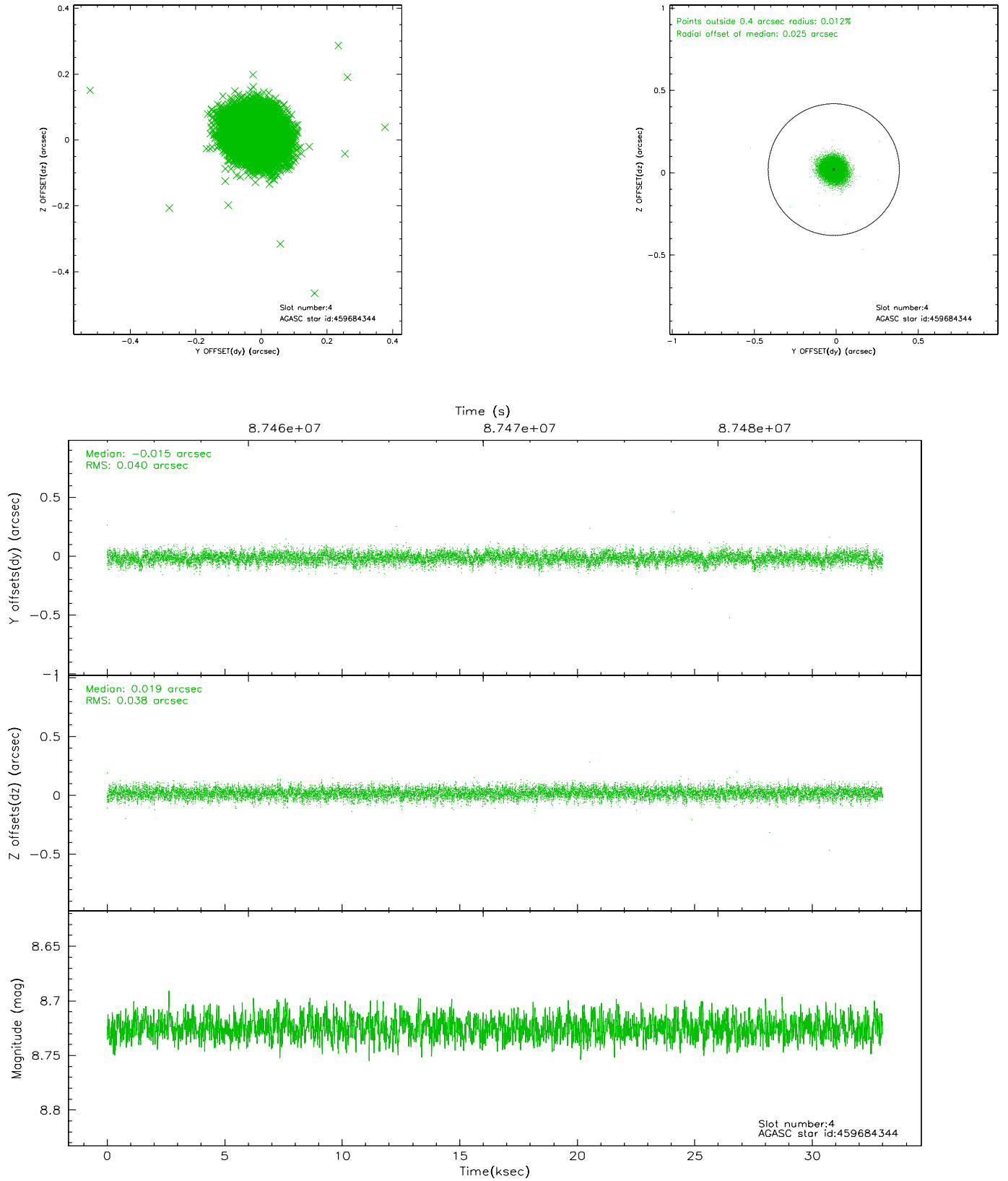
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	8047	-0.032	0.018	0.007	0.012	0.000000	0.000000	-754.82	-1727.10
1	FID	ACIS-S-4	7.20	8048	-0.049	0.010	0.009	0.015	0.000000	0.000000	2158.39	181.36
2	FID	ACIS-S-5	7.23	8048	0.050	-0.020	0.008	0.013	0.000000	0.000000	-1807.54	175.00
3	GUIDE	459681600	8.20	16094	-0.034	-0.059	0.062	0.097	255.534425	51.942325	-963.82	-685.55
4	GUIDE	459684344	8.73	16093	-0.015	0.019	0.058	0.094	255.938505	51.246844	1675.49	-1030.42
5	GUIDE	459670288	8.66	16094	-0.019	-0.015	0.065	0.105	256.126653	52.161685	-1066.37	841.56
6	GUIDE	459669760	8.72	16093	-0.020	0.046	0.064	0.104	256.337901	52.193890	-958.89	1310.08
7	GUIDE	459672016	9.39	16086	0.089	0.011	0.083	0.135	256.647891	51.557718	1396.84	896.64

2.4 Star Slots

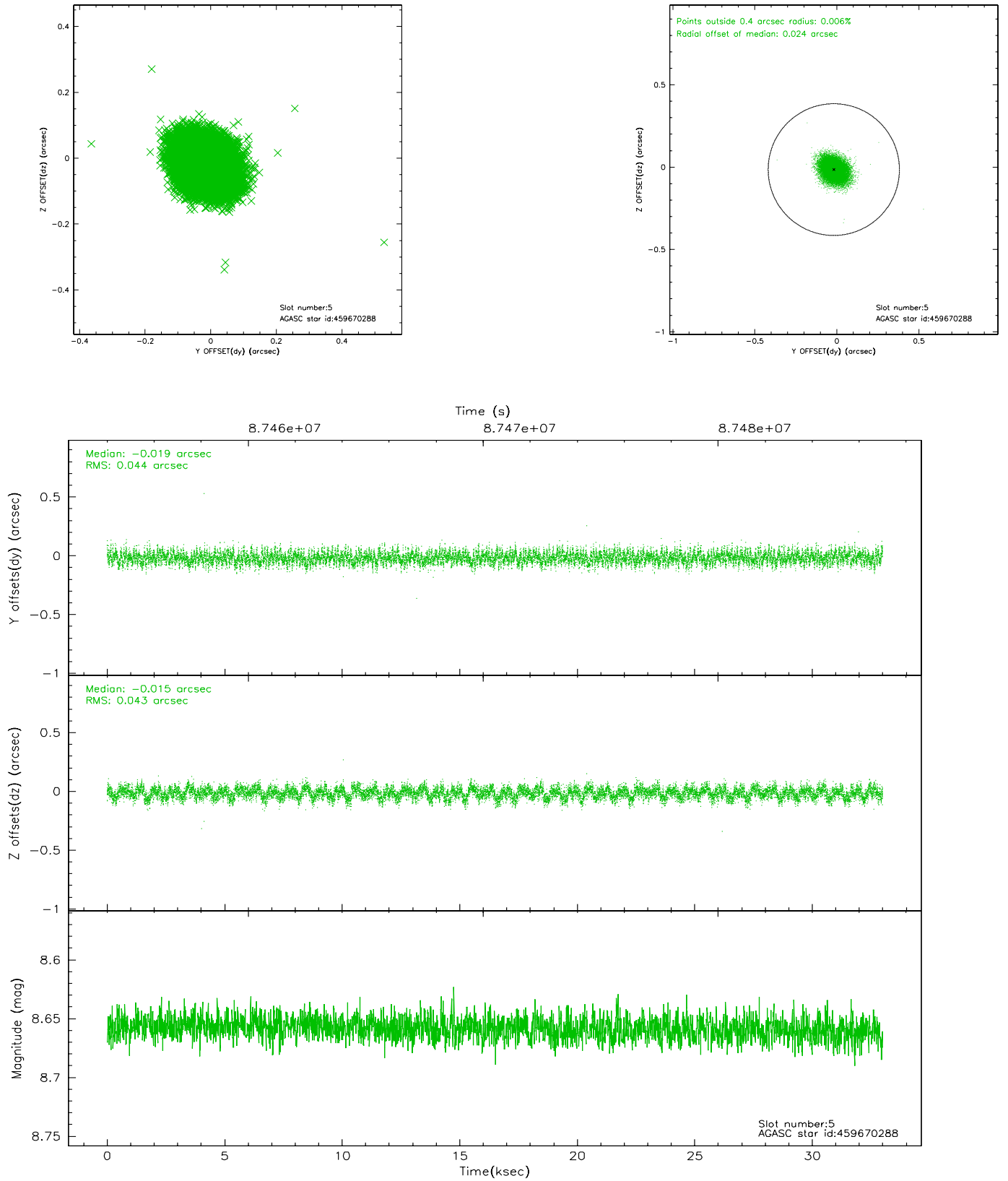
2.4.1 Slot 3



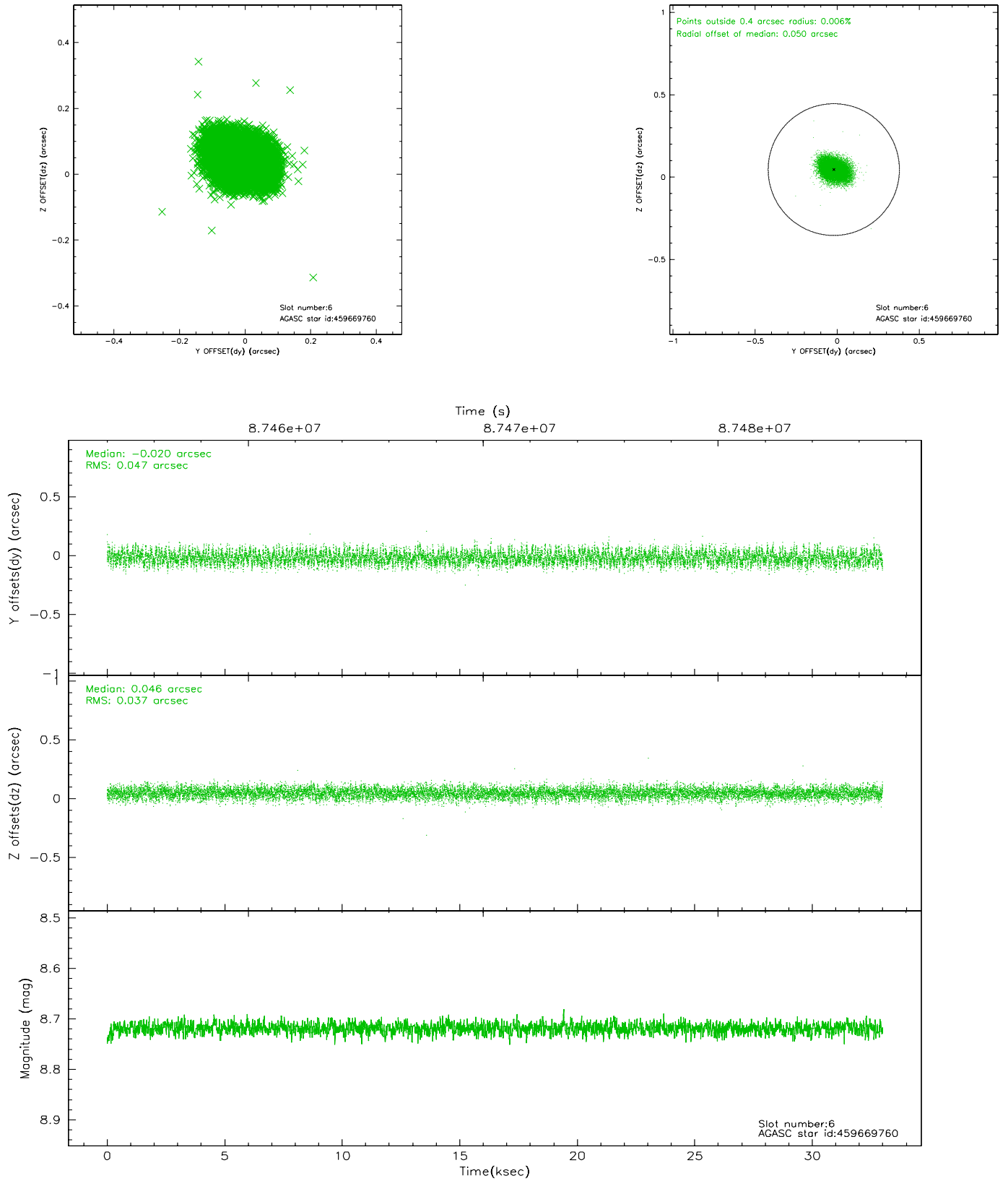
2.4.2 Slot 4



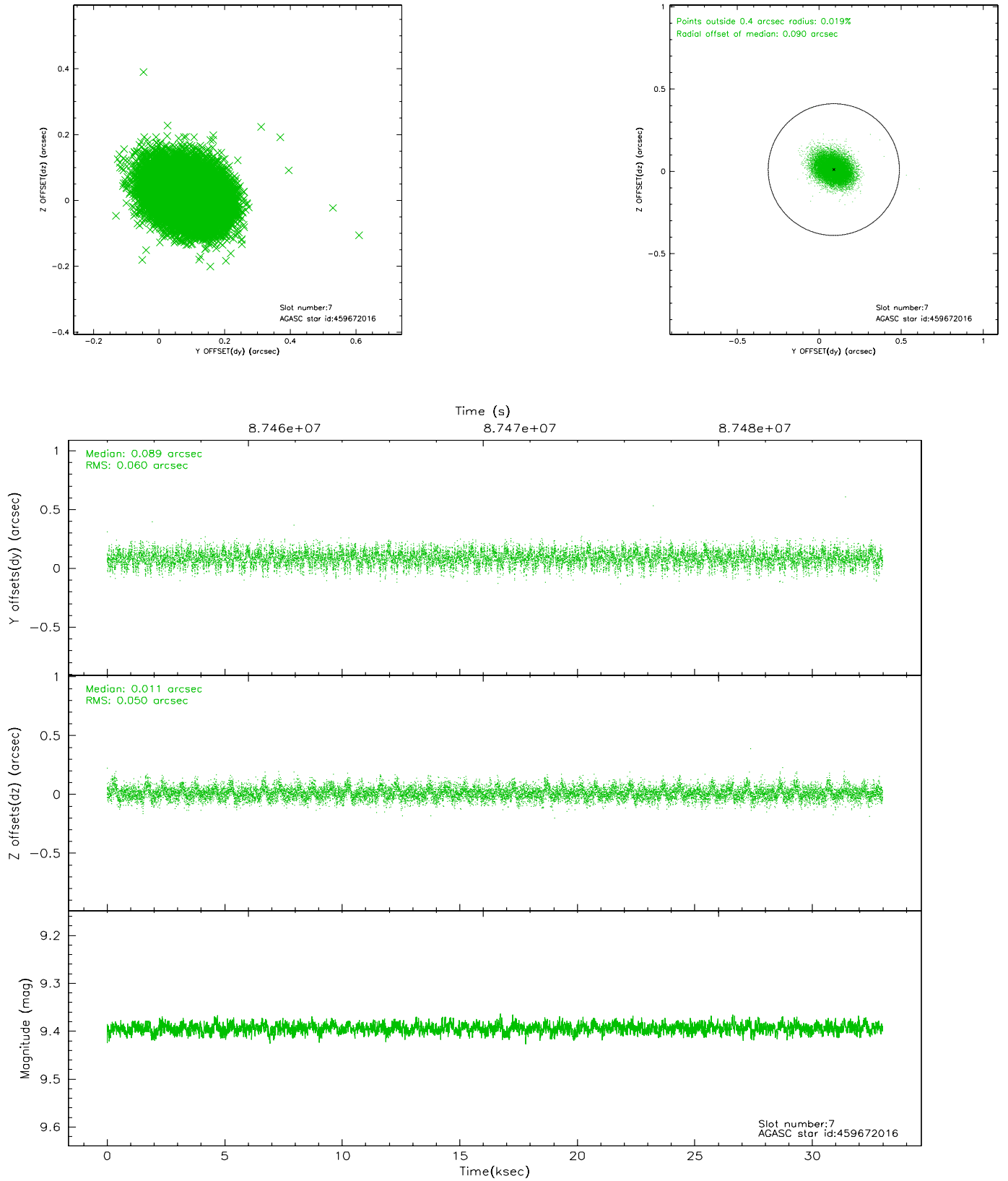
2.4.3 Slot 5



2.4.4 Slot 6

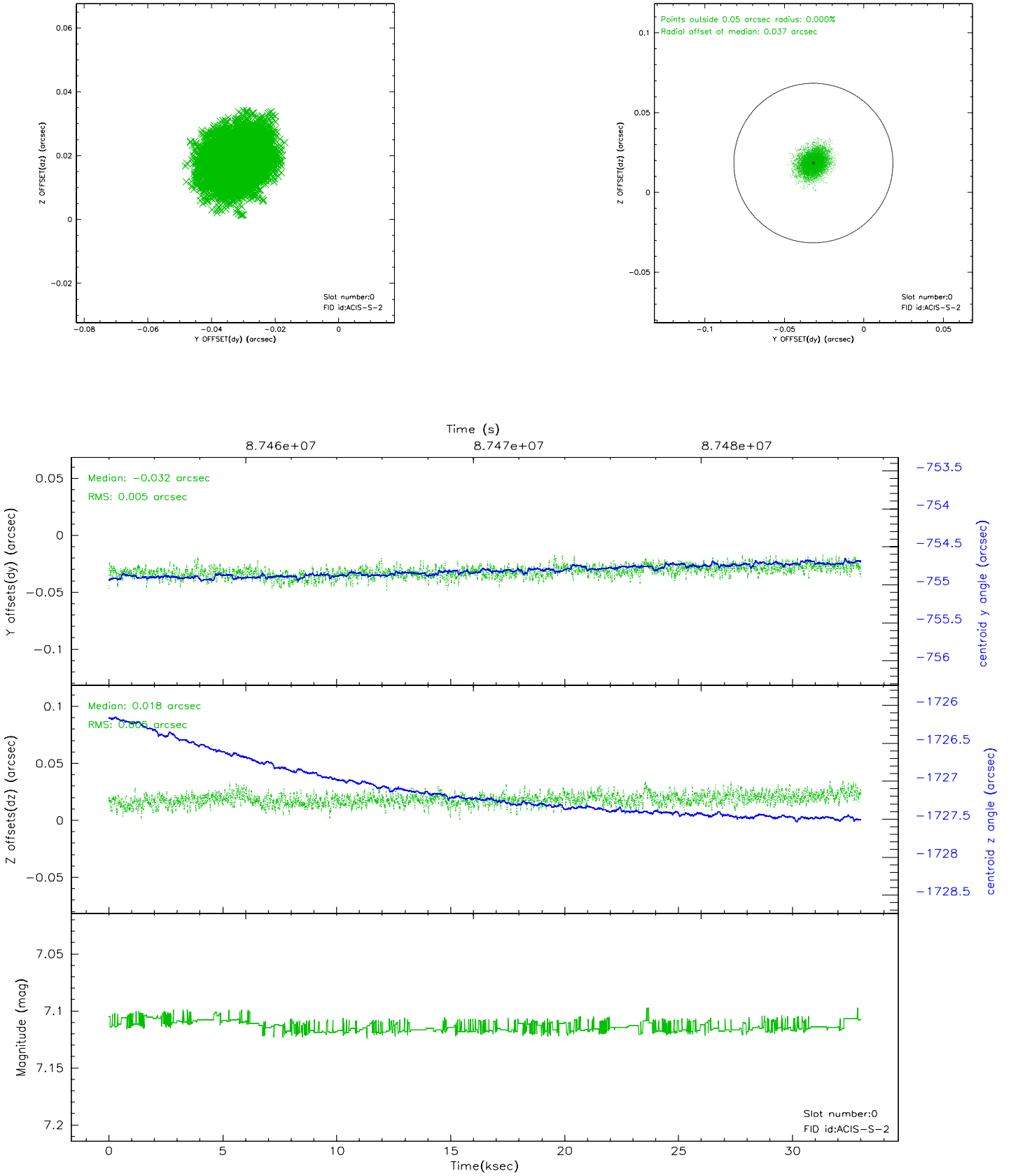


2.4.5 Slot 7

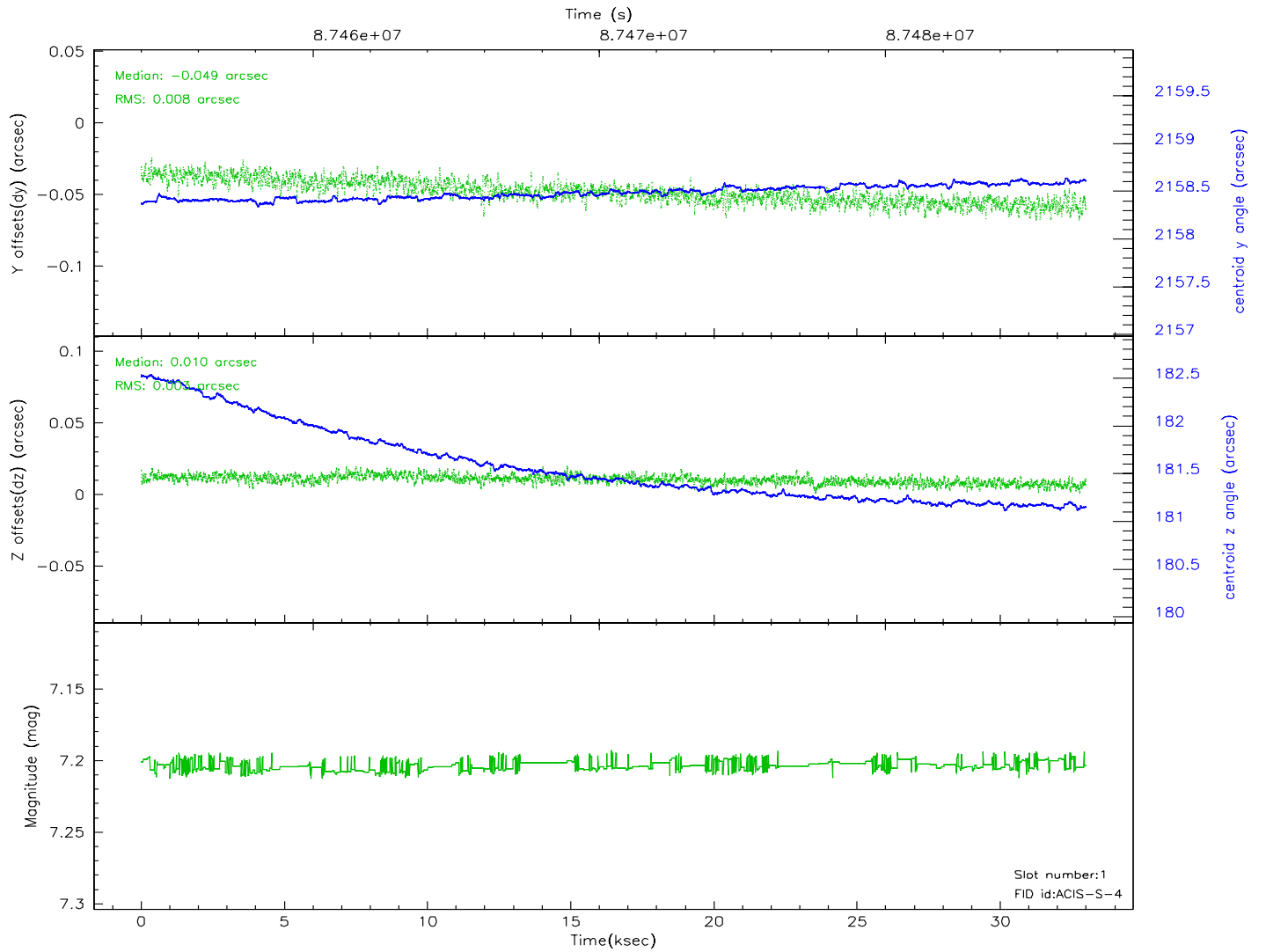
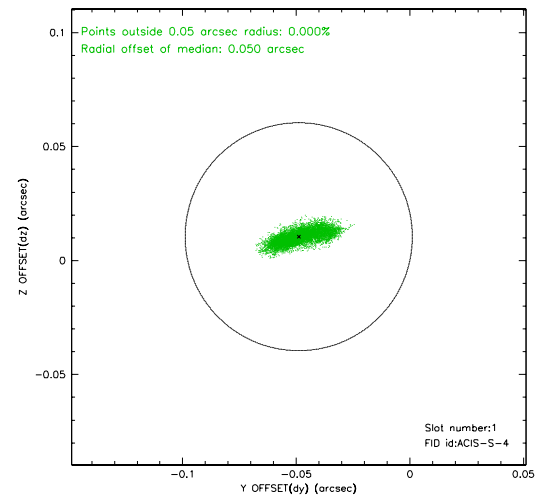
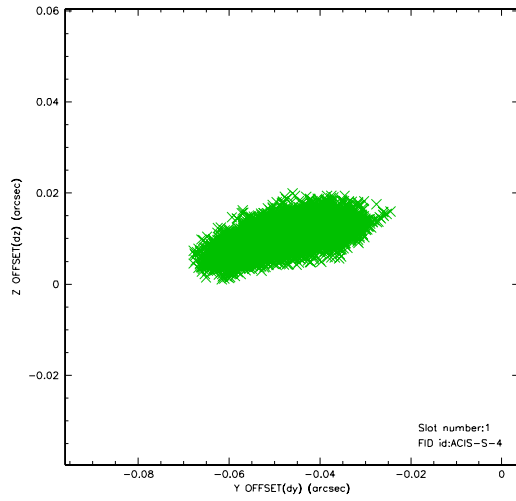


2.5 FID Slots

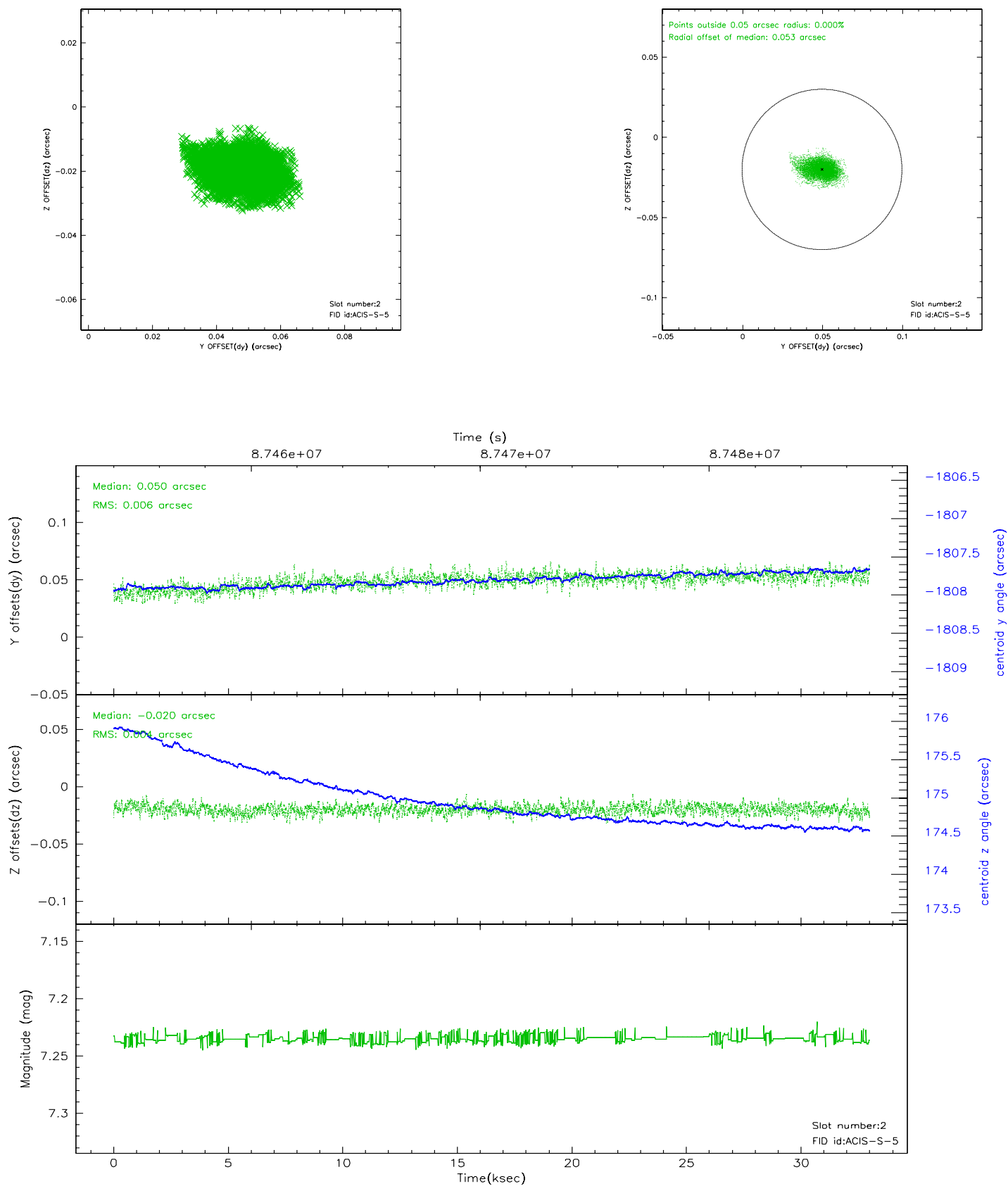
2.5.1 Slot 0



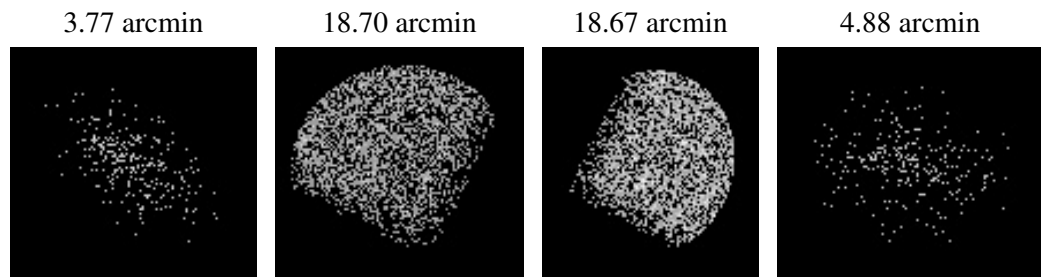
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	32.649

A.2 Comments

Joint proposal with HST