

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3101 - L2 Version 001
Chandra X-Ray Center

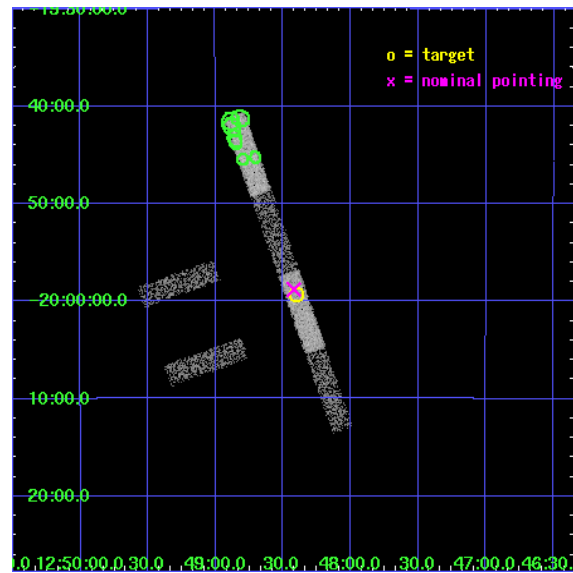
L2 Processing Date : Jan 16 2007

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1 Front

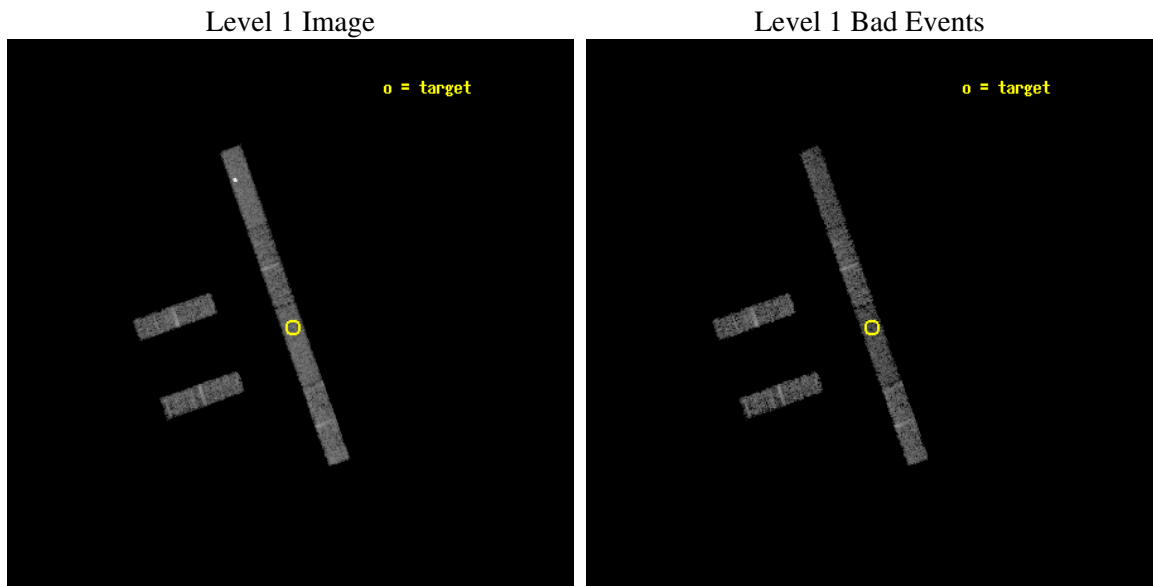
seq_num	700540
obs_id	3101
title	X-RAY IMAGING OF GPS AND CSS QUASARS
observer	Dr Aneta Siemiginowska
object	Q1245-197
dtcycle	0
cycle	P
ra_targ	192.1
dec_targ	-19.988778
ra_nom	192.1050592191
dec_nom	-19.980185871636
roll_nom	70.602766992007
revision	2
ontime	5276.6999714077
livetime	5086.9119124206
ontime2	5276.6999714077
ontime3	5276.6999714077
ontime5	5276.6999714077
ontime6	5276.6999714077
ontime7	5276.6999714077
ontime8	5276.6999714077
l2events	14963



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 2

Chip 3

Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.3.0
date	2007-01-17T00:48:39
revision	2

sched_exp_time	5000.000000
ontime	5276.6999714077
ontime2	5276.6999714077
ontime3	5276.6999714077
ontime5	5276.6999714077
ontime6	5276.6999714077
ontime7	5276.6999714077
ontime8	5276.6999714077
l1events	76037

2.1.4 Events

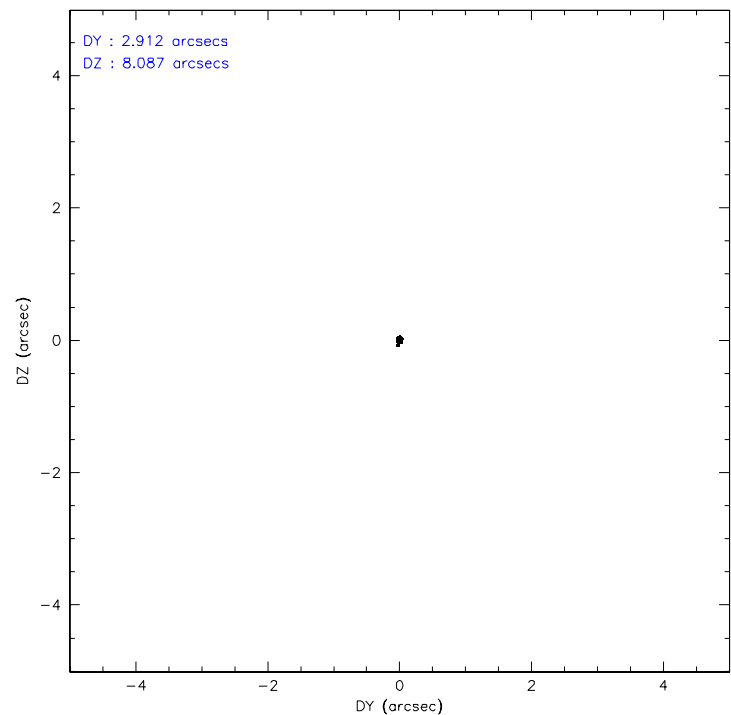
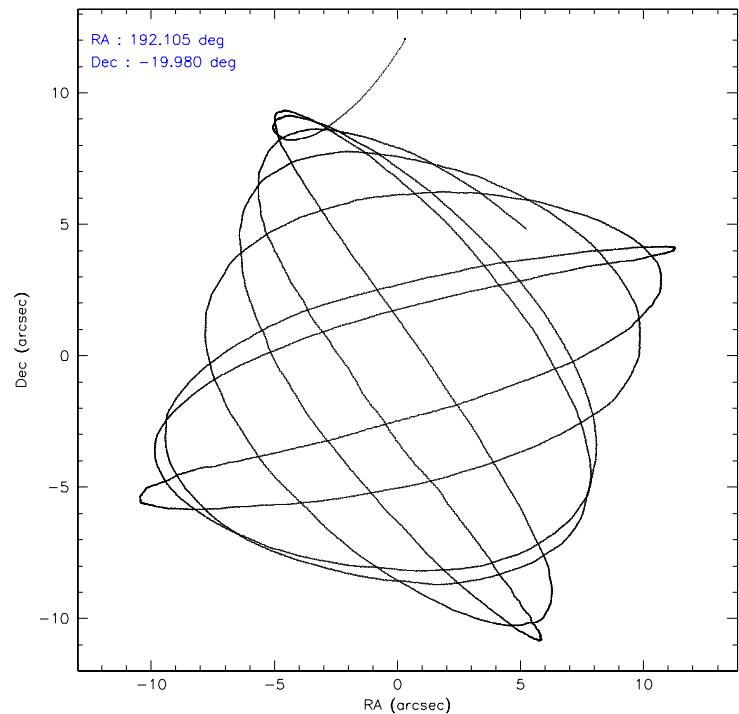
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	11470	10779	16672	10804	12306	14006
rejected events	10216	9592	7009	9585	7001	11294
rejected %	89%	88%	42%	88%	56%	80%

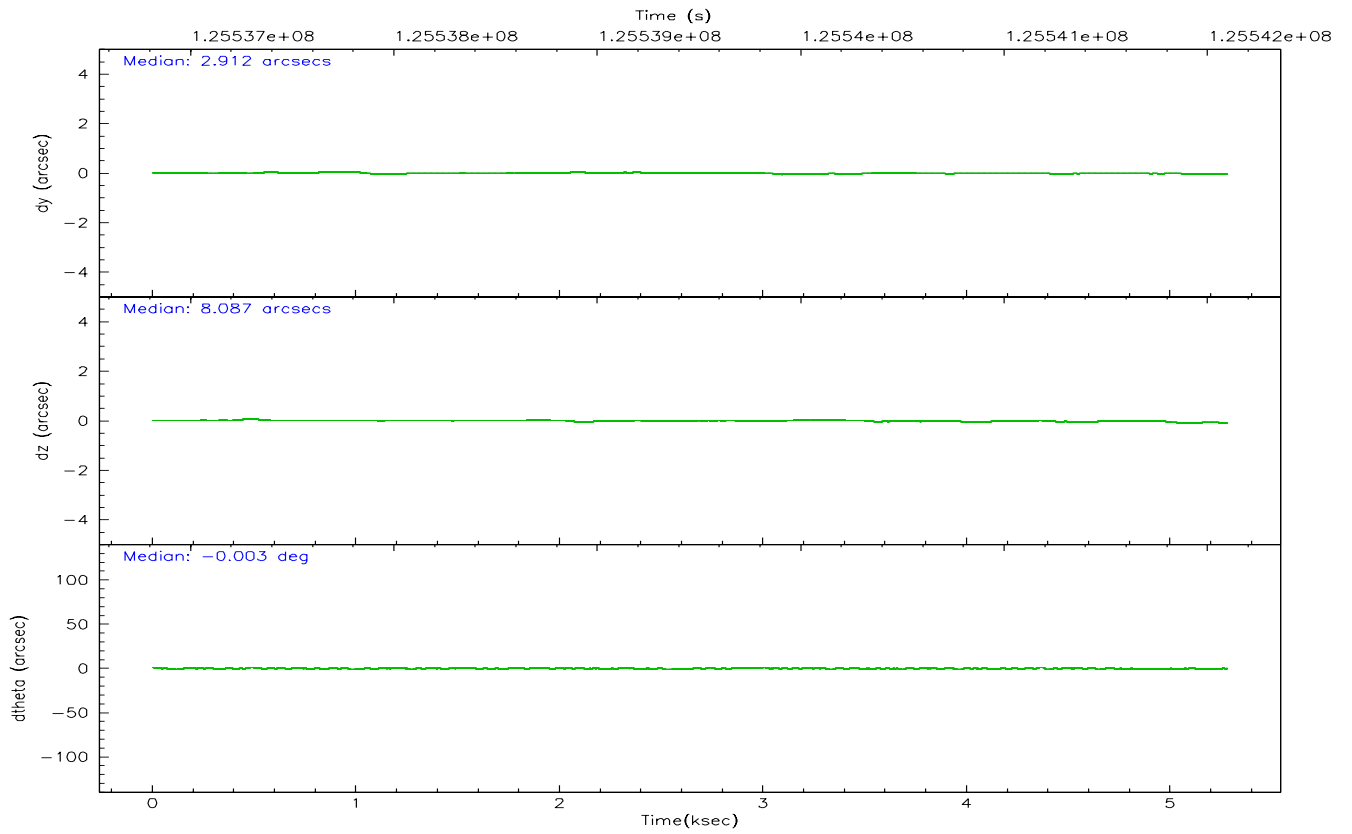
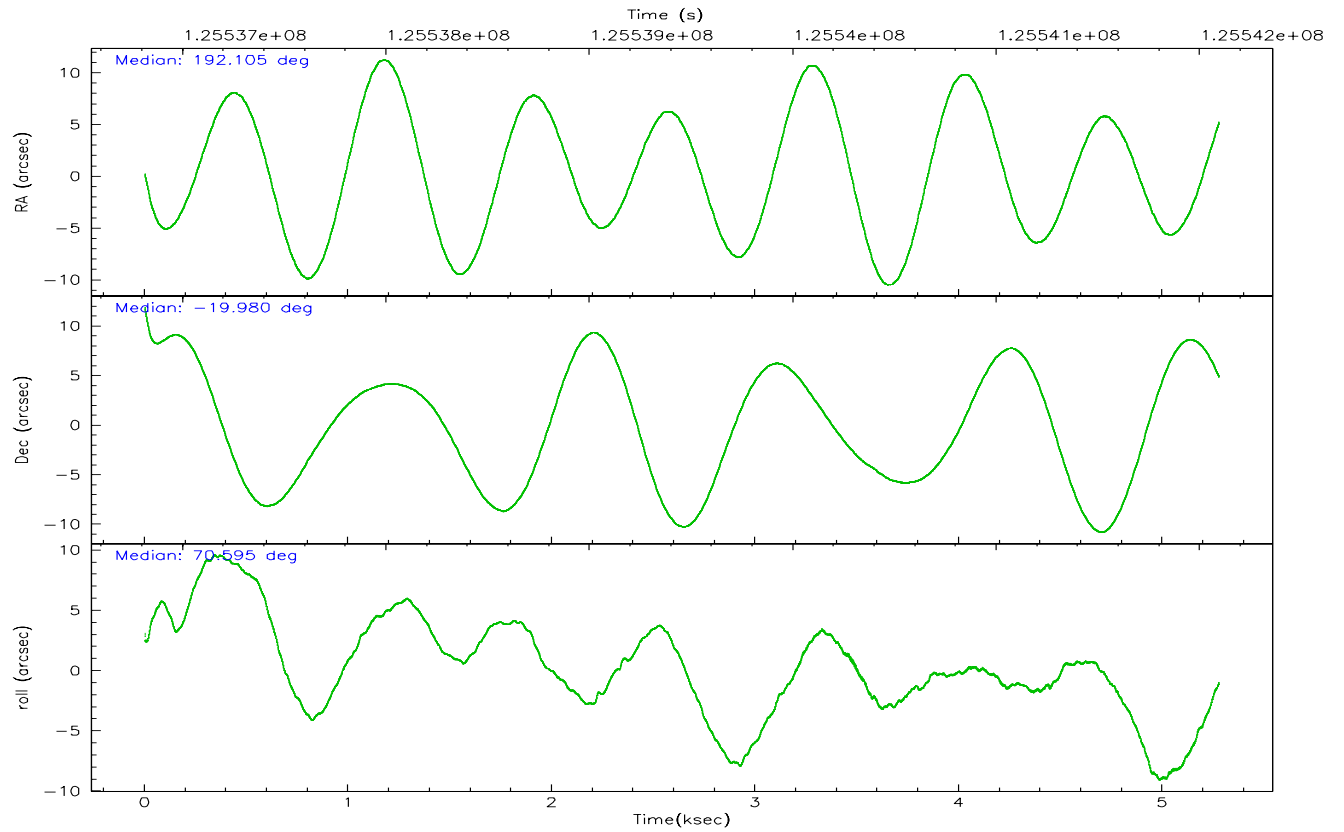
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	464	443	4216	427	614	801
	4%	4%	25%	3%	4%	5%
grade 1 events	4	5	18	1	8	6
	0%	0%	0%	0%	0%	0%
grade 2 events	237	237	1670	220	1096	557
	2%	2%	10%	2%	8%	3%
grade 3 events	166	151	385	182	575	285
	1%	1%	2%	1%	4%	2%
grade 4 events	171	144	370	165	559	288
	1%	1%	2%	1%	4%	2%
grade 5 events	338	333	1076	402	1233	523
	2%	3%	6%	3%	10%	3%
grade 6 events	218	215	3048	227	2480	783
	1%	1%	18%	2%	20%	5%
grade 7 events	9872	9251	5889	9180	5741	10763
	86%	85%	35%	84%	46%	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	192.110780	192.1050592191034	Subarray requested	1/4	1/4
Pointing Dec	-20.007057	-19.98018587163579	Subarray start row	0	385
Pointing Roll	70.448116	70.60276699200737	Subarray row count	1024	256
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.1
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	125537098.184000	125536068.70897			
Observation start date	2001-12-23T23:23:54	2001-12-23T23:07:48			
Observation end time	125542098.184000	125542892.13425			
Observation end date	2001-12-24T00:47:14	2001-12-24T01:01:32			
Read mode	TIMED	TIMED			

2.3 Aspect



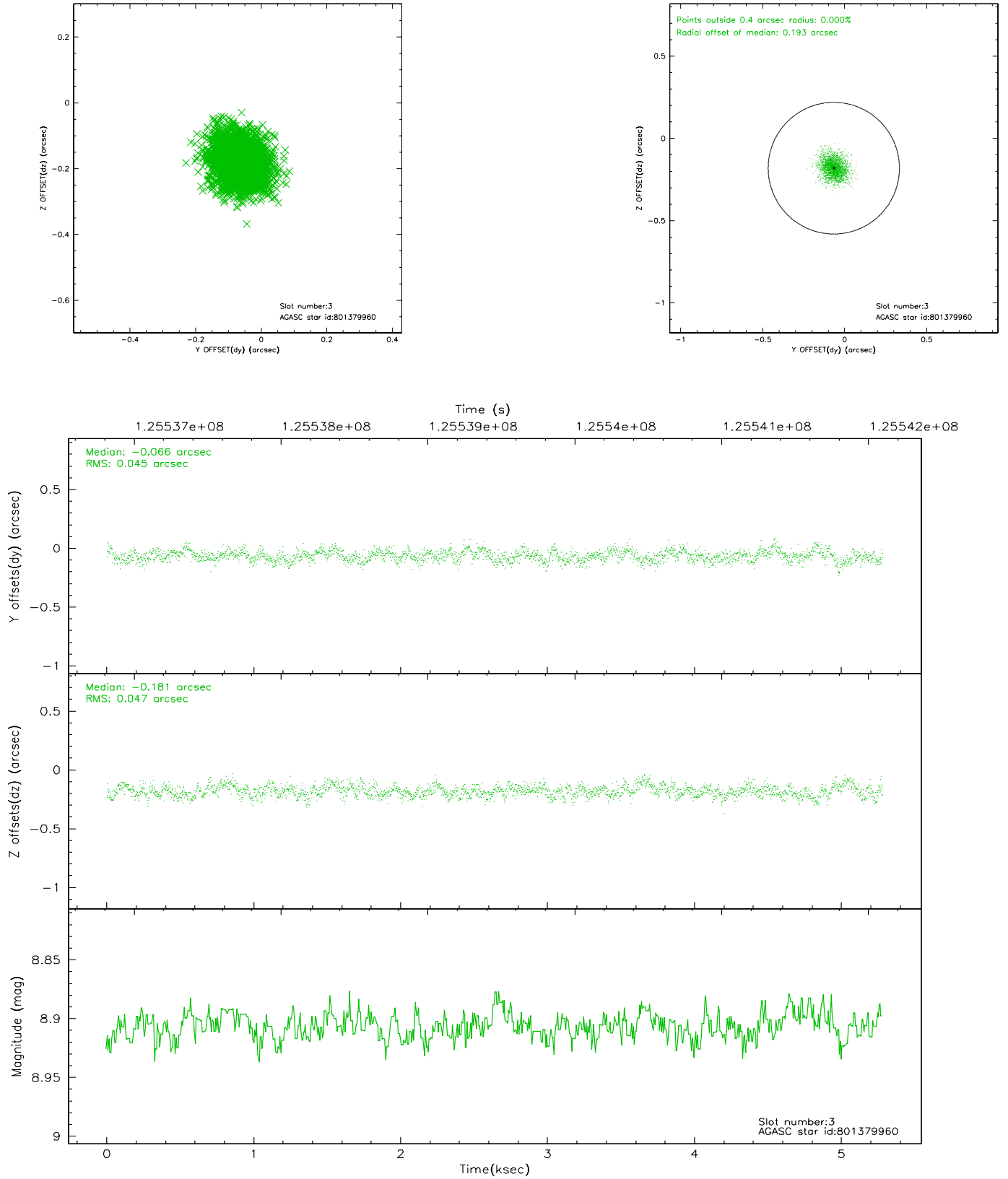


Slot Statistics

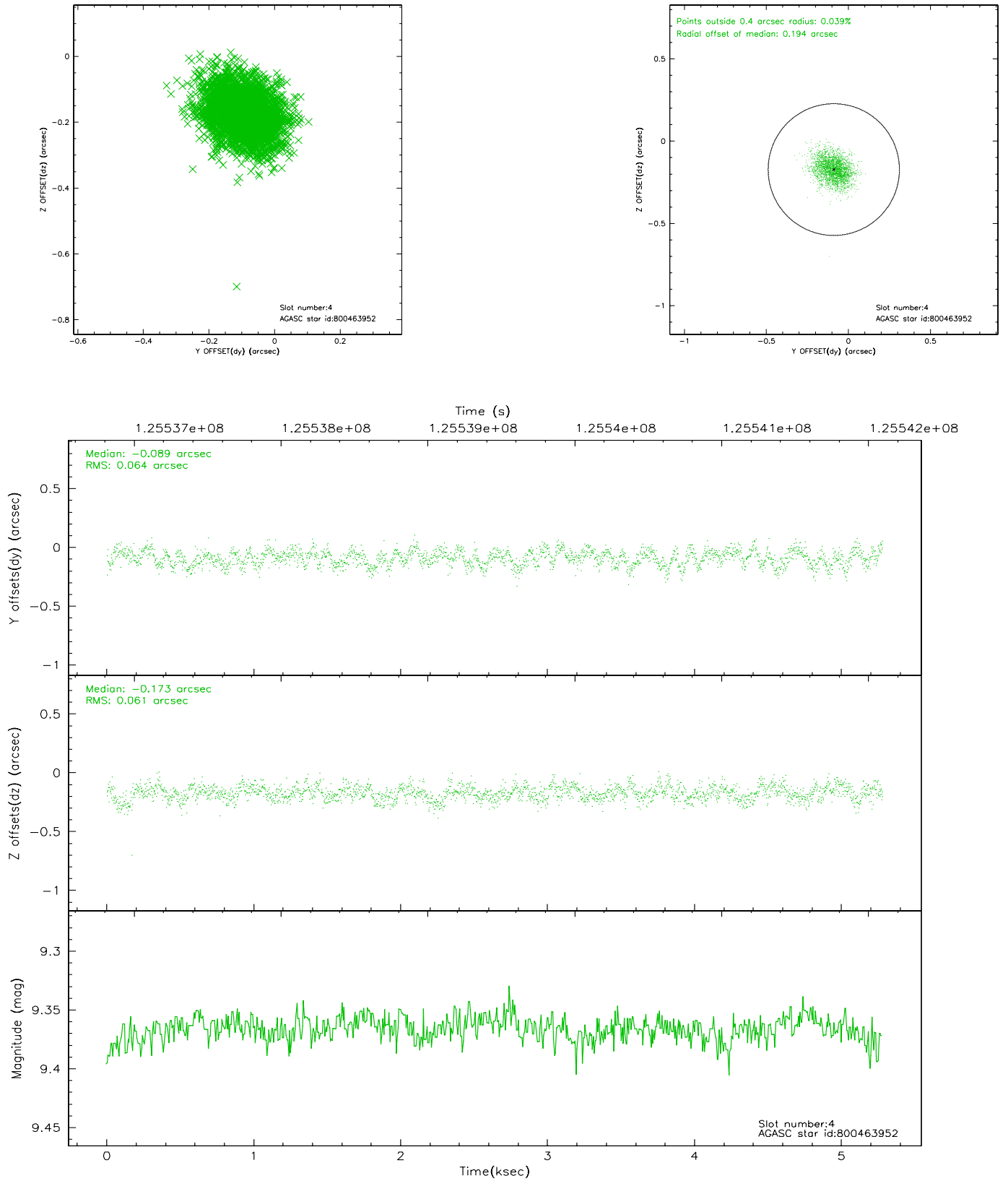
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	1288	-0.071	-0.012	0.007	0.011	0.000000	0.000000	57.53	-1858.35
1	FID	ACIS-S-4	7.20	1288	-0.055	0.044	0.005	0.009	0.000000	0.000000	2157.79	177.91
2	FID	ACIS-S-5	7.24	1288	0.097	-0.022	0.006	0.010	0.000000	0.000000	-1806.82	173.02
3	GUIDE	801379960	8.91	2575	-0.066	-0.181	0.069	0.112	192.023997	-19.753259	762.17	582.09
4	GUIDE	800463952	9.37	2575	-0.089	-0.173	0.095	0.149	191.805620	-19.657207	839.54	1395.59
5	GUIDE	801771376	8.84	2576	0.206	0.055	0.074	0.119	192.293643	-20.608291	-1833.26	-1305.49
6	GUIDE	801771984	8.27	2575	0.091	0.057	0.058	0.098	192.545612	-20.365732	-728.14	-1816.90
7	GUIDE	801770432	9.51	2515	-0.143	0.251	0.111	0.178	192.756459	-20.072175	505.52	-2138.16

2.4 Star Slots

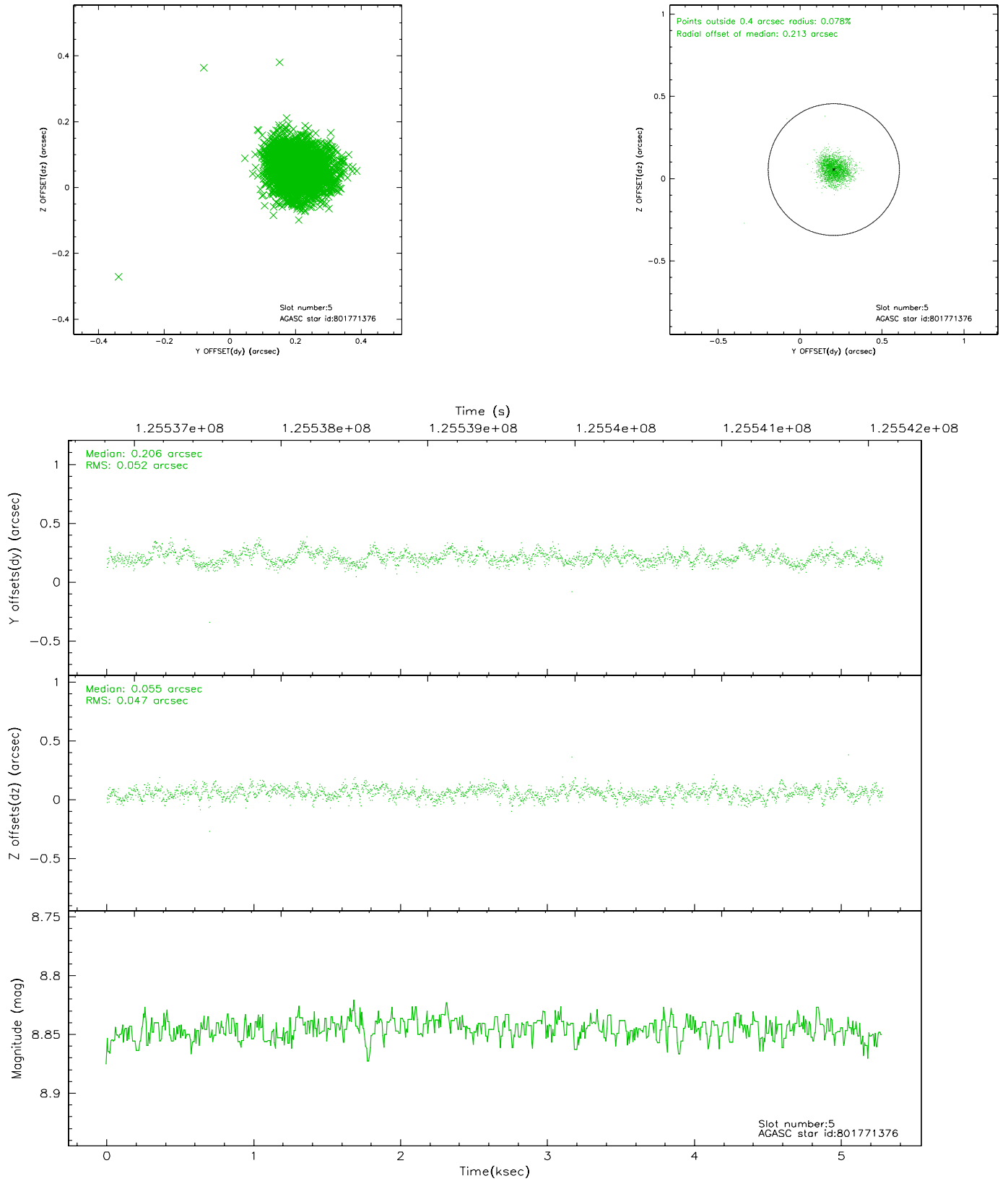
2.4.1 Slot 3



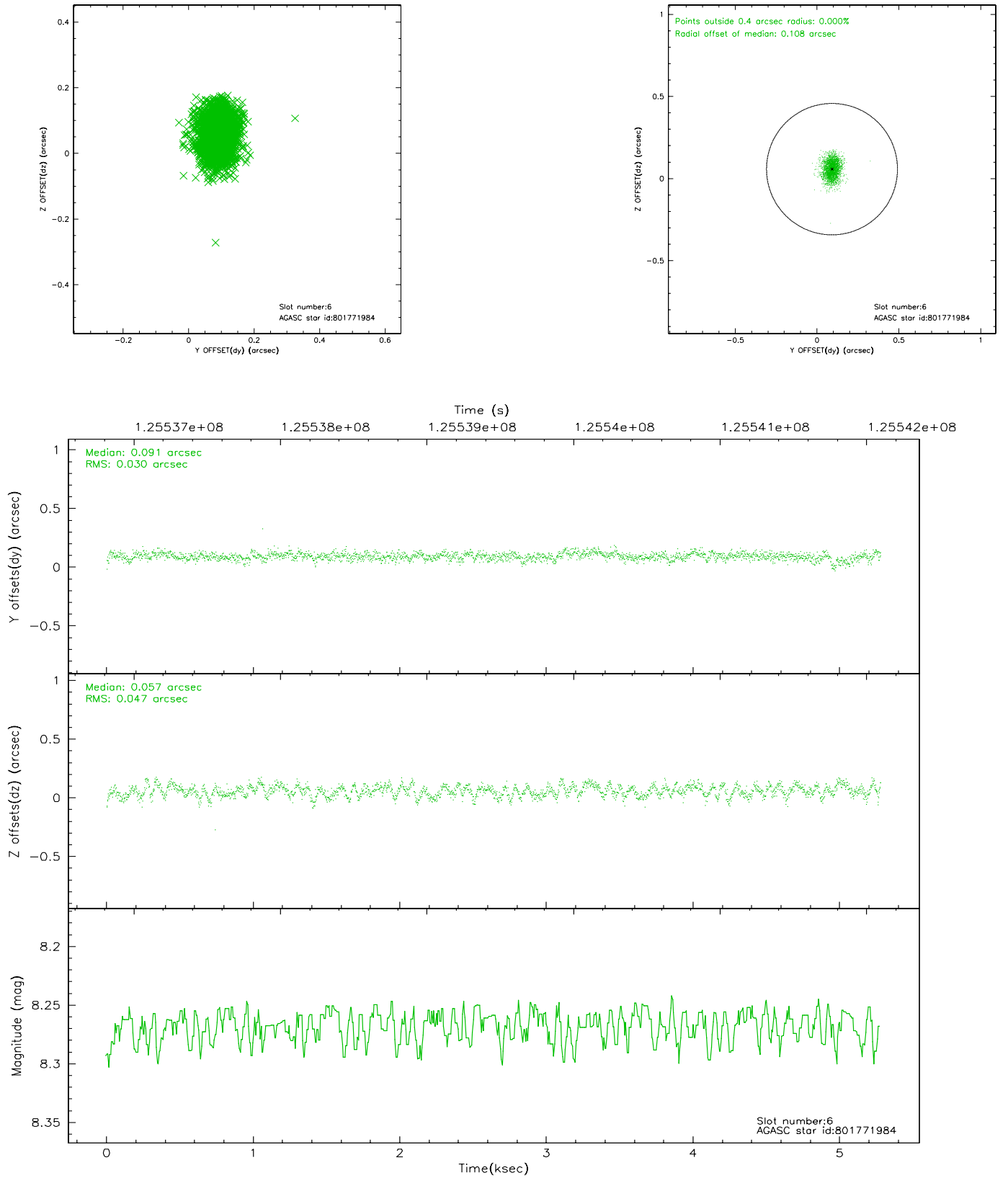
2.4.2 Slot 4



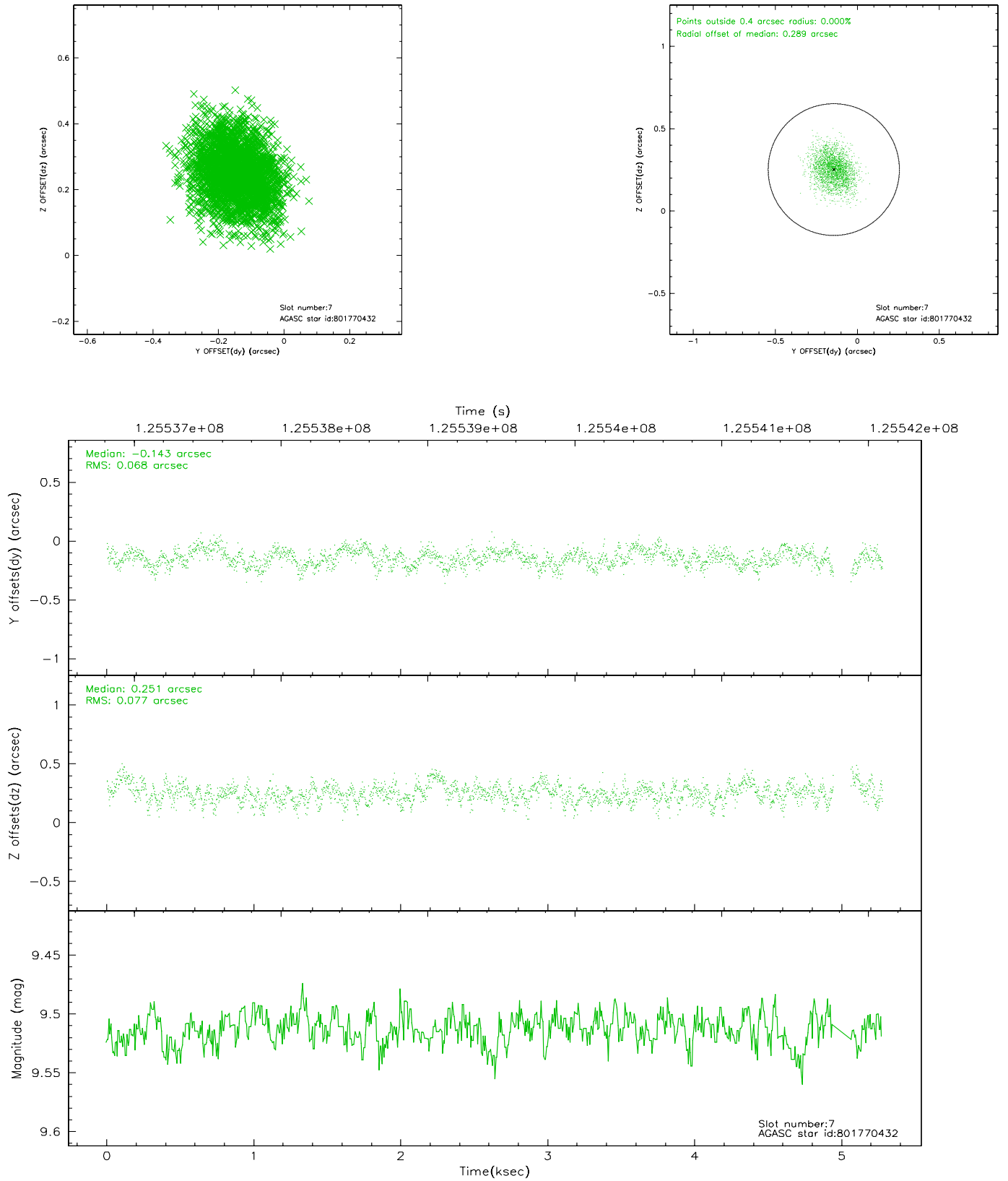
2.4.3 Slot 5



2.4.4 Slot 6

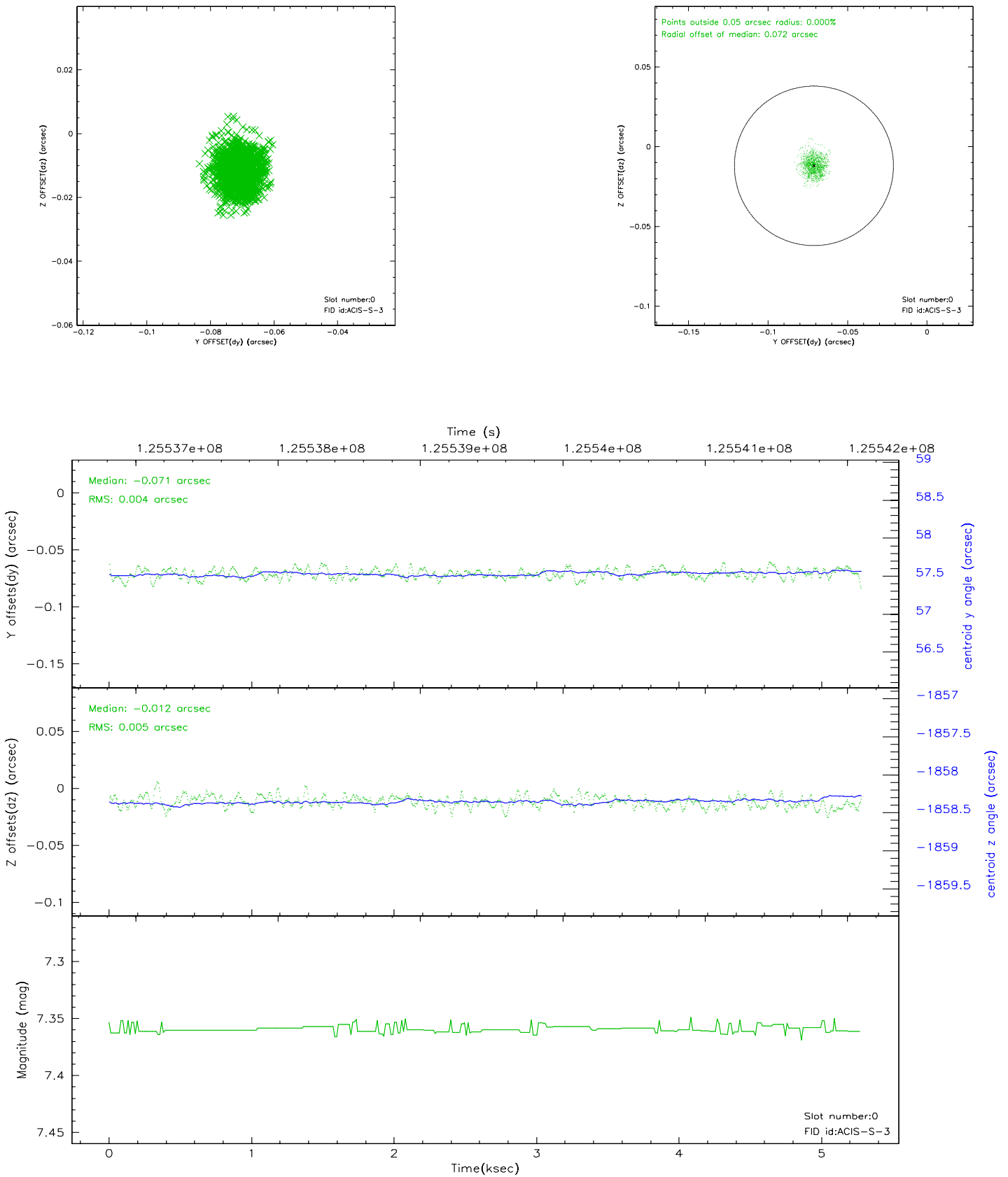


2.4.5 Slot 7

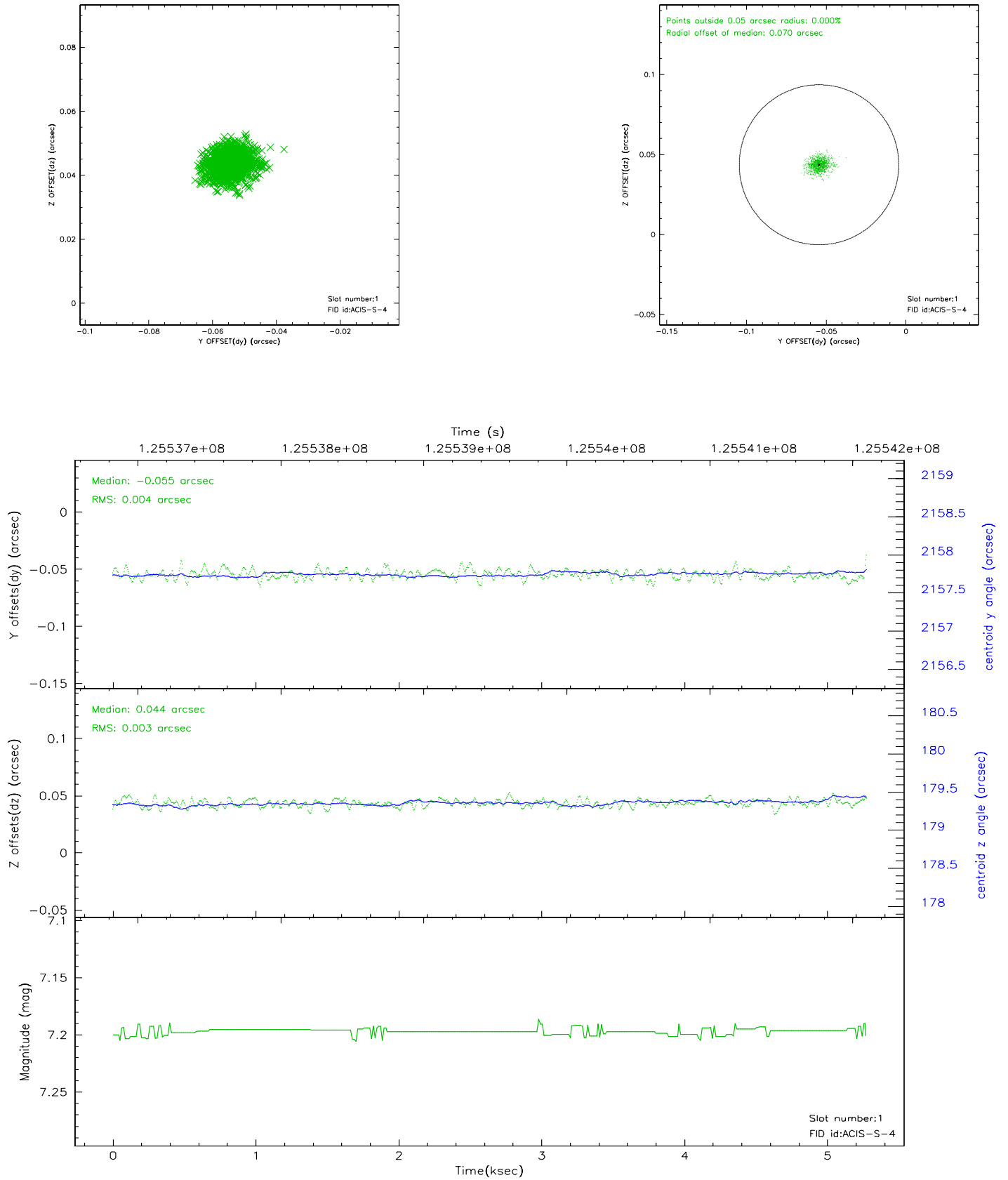


2.5 FID Slots

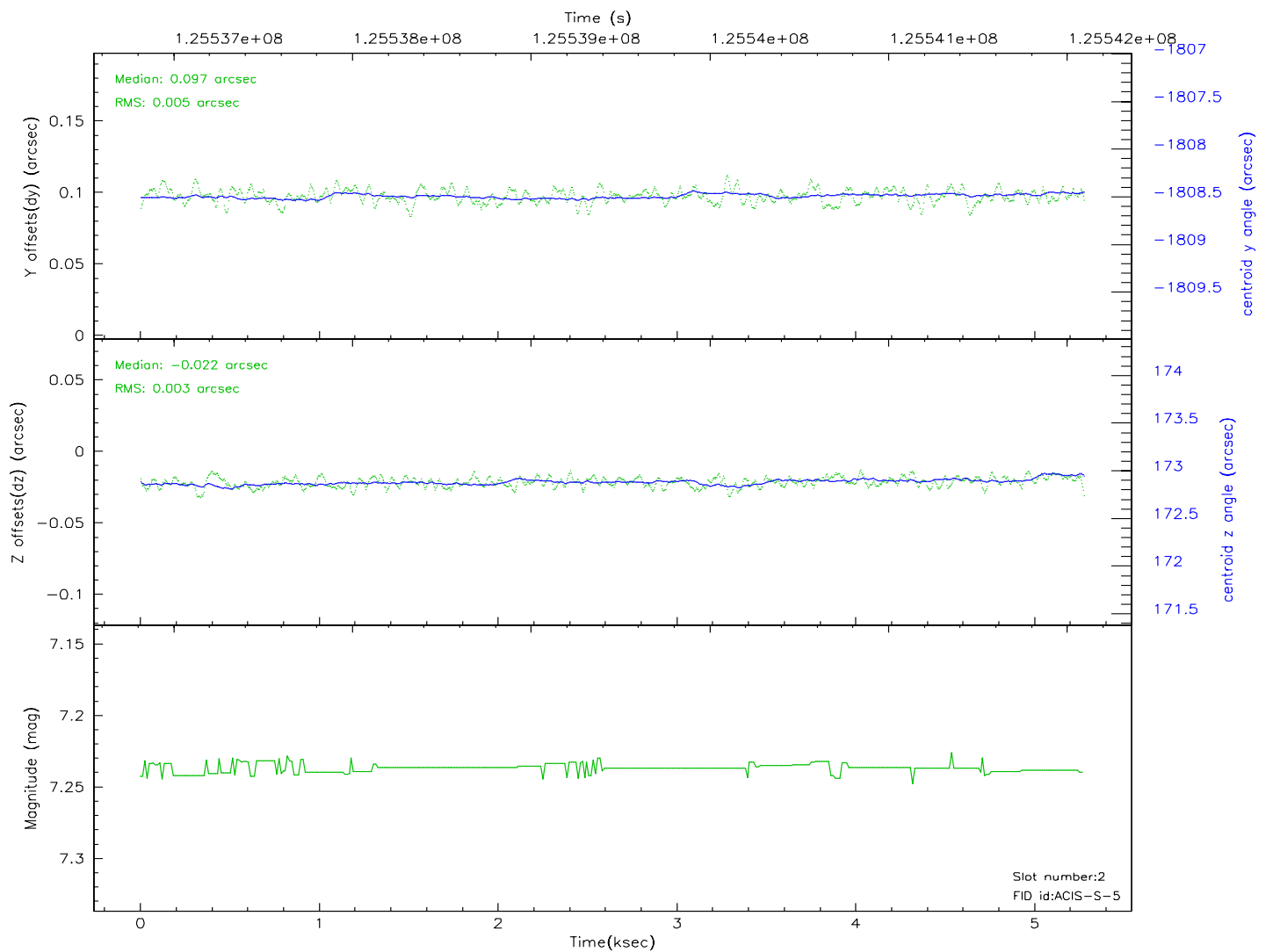
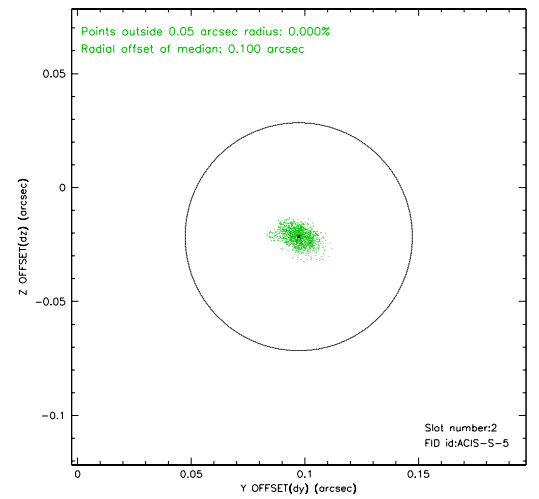
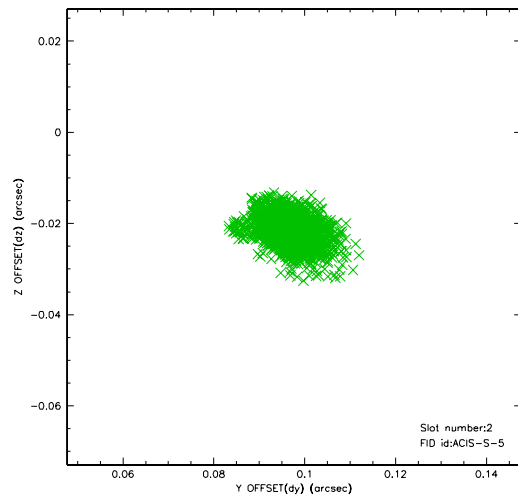
2.5.1 Slot 0



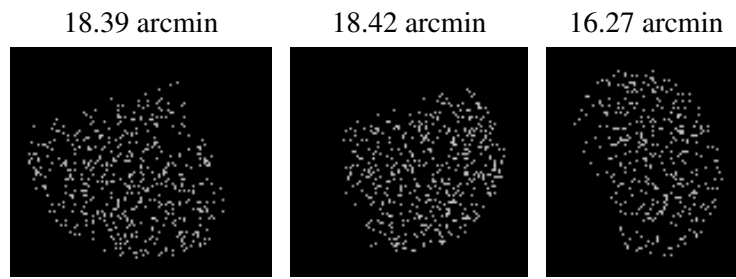
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.277

A.2 Comments