

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4550 - L2 Version 001
Chandra X-Ray Center

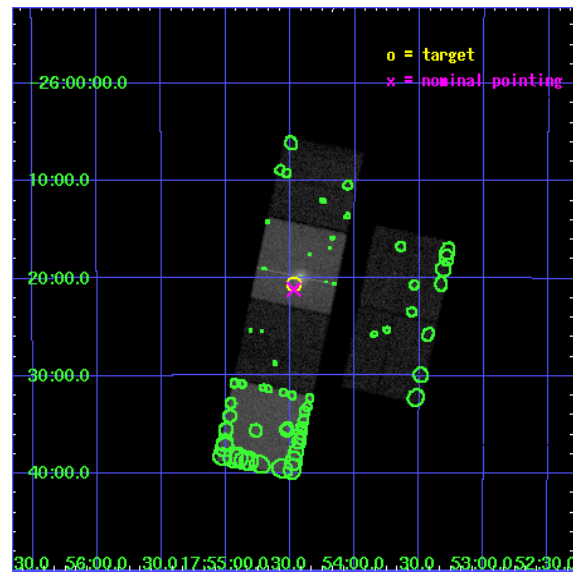
L2 Processing Date : Apr 29 2006

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1 Front

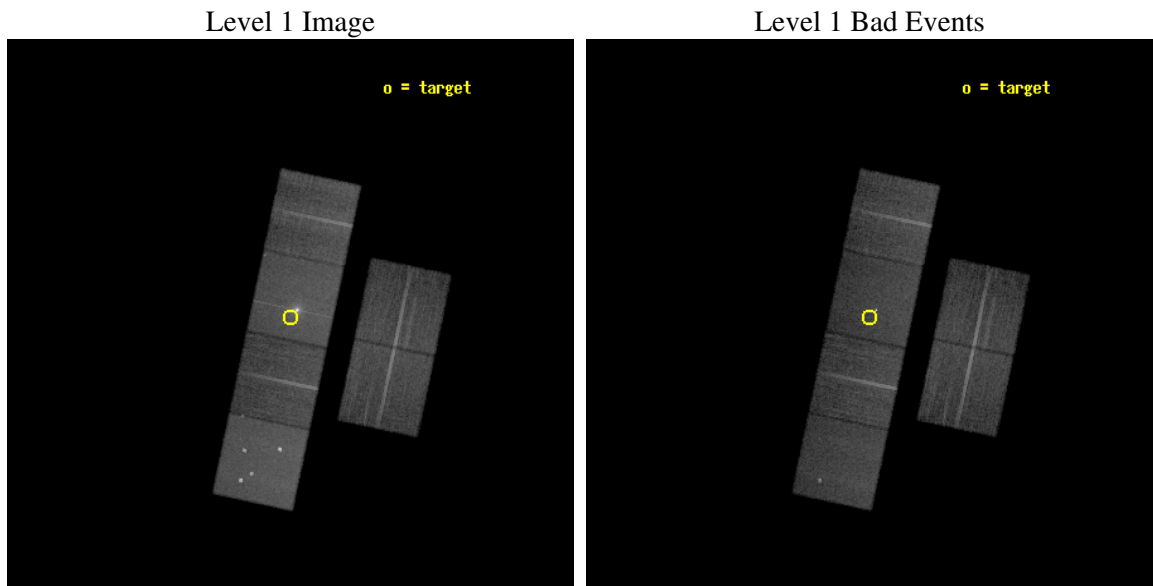
seq_num	400333
obs_id	4550
title	Low-luminosity X-ray binaries
observer	Dr Mariano Mendez
object	1RXS J175428.3-262035
dtcycle	0
cycle	P
ra_targ	268.617917
dec_targ	-26.343056
ra_nom	268.61828756224
dec_nom	-26.352712849394
roll_nom	282.05125225352
revision	2
ontime	19308.799928069
livetime	19064.300277016
ontime2	19308.799928069
ontime3	19308.799928069
ontime5	19308.799928069
ontime6	19308.799928069
ontime7	19308.799928069
ontime8	19308.799928069
l2events	252812



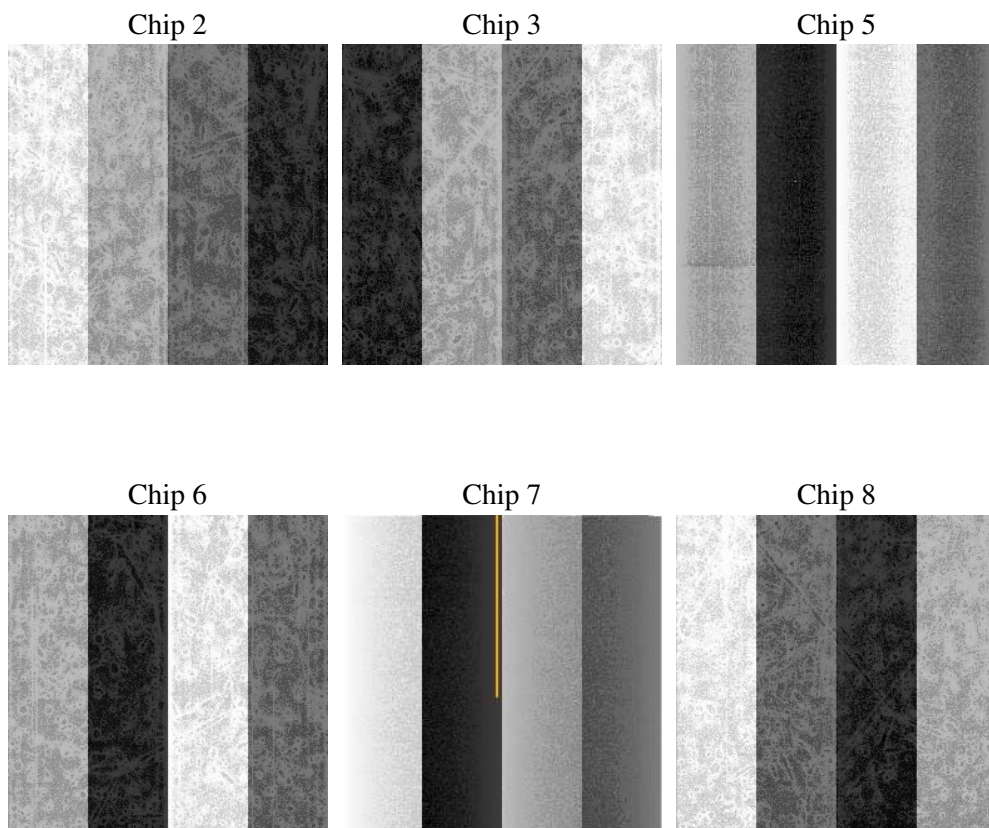
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldsver	3.2.1
date	2006-04-29T07:37:12
revision	2

sched_exp_time	19352.000000
ontime	19313.177506298
ontime2	19313.177466482
ontime3	19316.418506473
ontime5	19316.418506473
ontime6	19316.418506473
ontime7	19313.177506298
ontime8	19316.418506473
l1events	1079274

2.1.4 Events

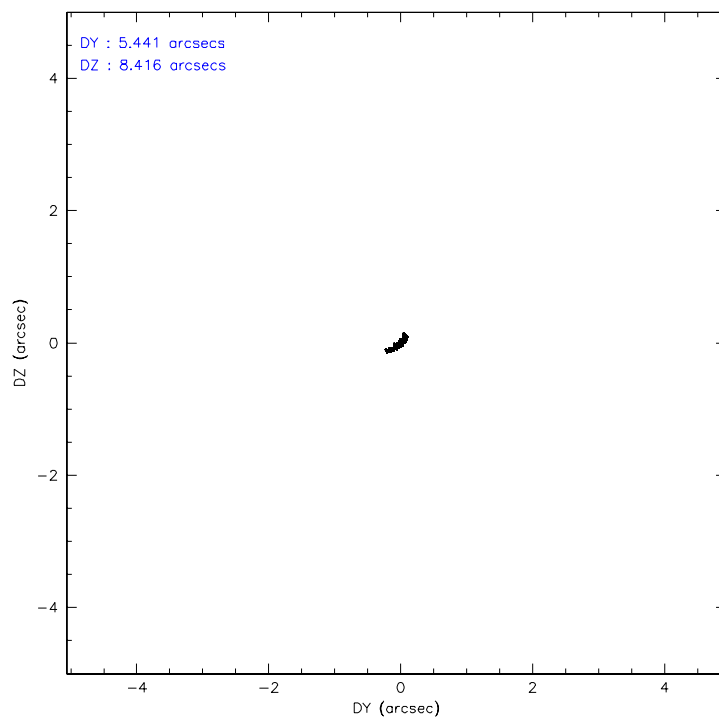
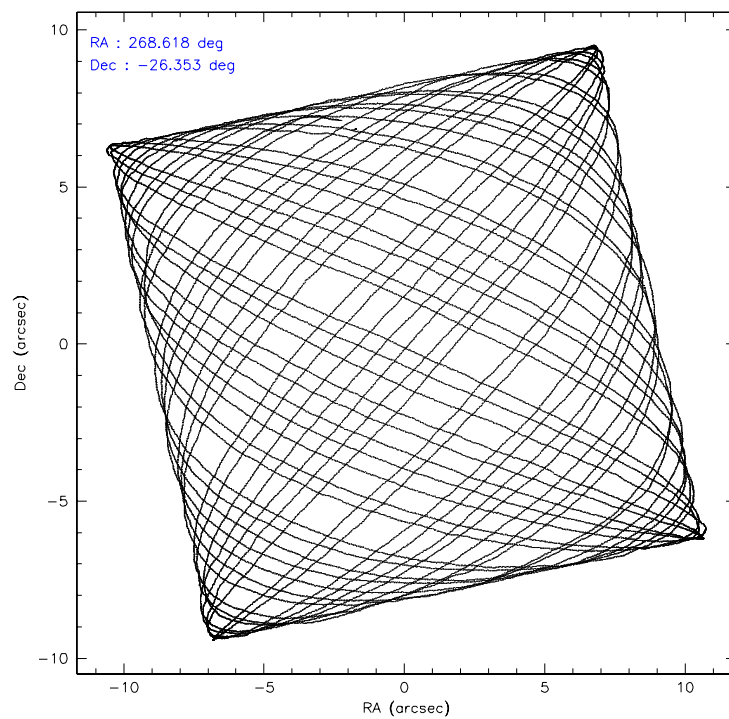
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	150343	143484	225913	152596	223043	183895
rejected events	132575	125772	120686	133660	123431	144525
rejected %	88%	87%	53%	87%	55%	78%

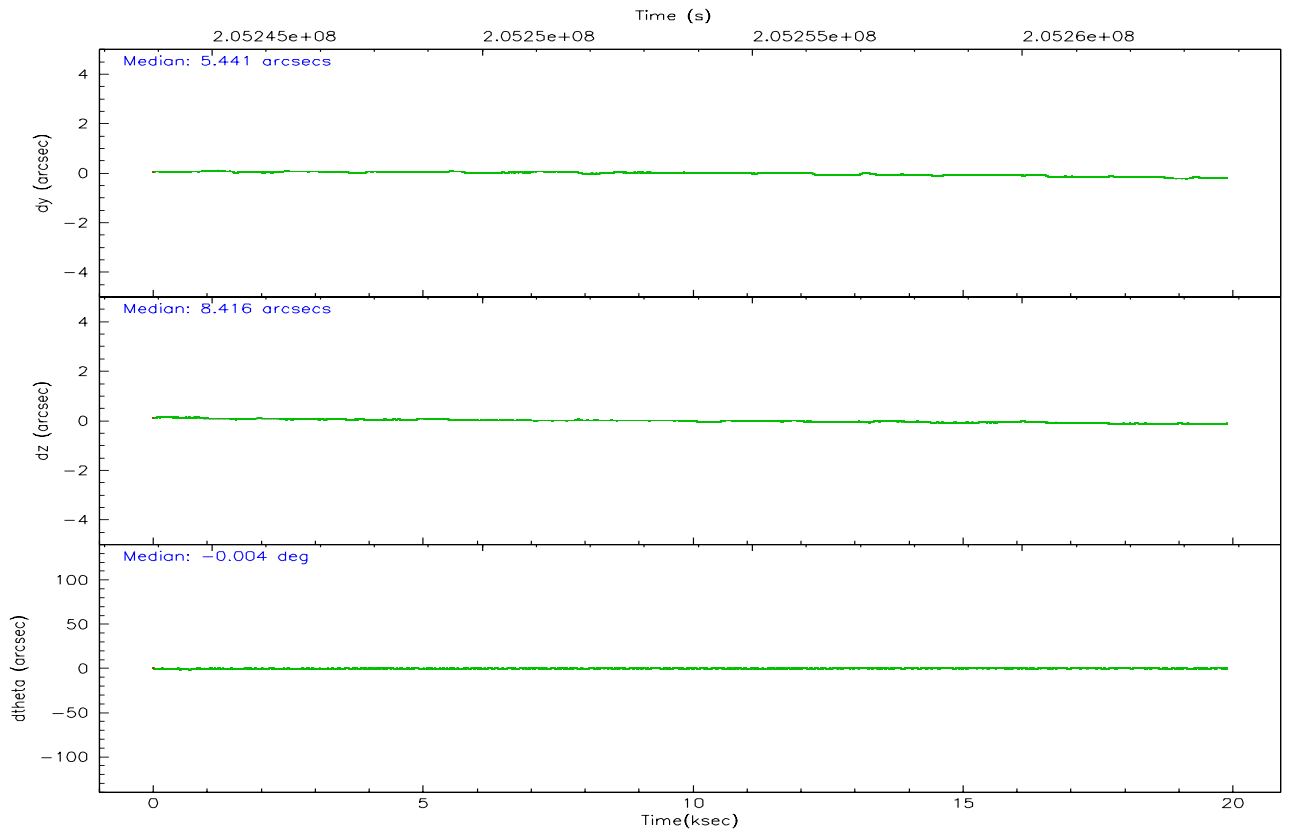
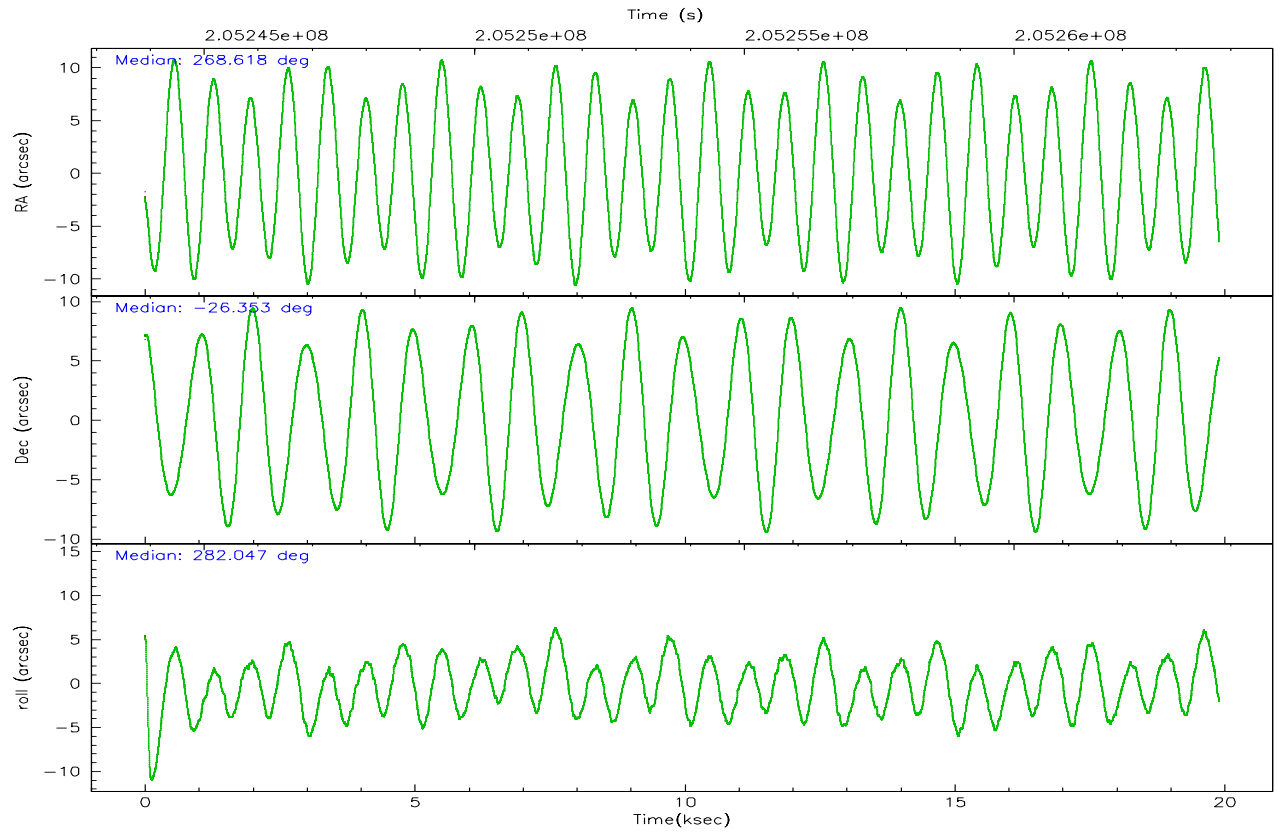
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8159	8089	16081	8130	8400	13243
	5%	5%	7%	5%	3%	7%
grade 1 events	95	80	1064	72	226	138
	0%	0%	0%	0%	0%	0%
grade 2 events	3583	3239	30832	3798	25712	8298
	2%	2%	13%	2%	11%	4%
grade 3 events	1596	1785	2063	1797	5992	4269
	1%	1%	0%	1%	2%	2%
grade 4 events	1627	1666	2117	1705	5895	3947
	1%	1%	0%	1%	2%	2%
grade 5 events	5890	6197	10253	6661	13547	8698
	3%	4%	4%	4%	6%	4%
grade 6 events	2810	2940	54196	3512	53627	9623
	1%	2%	23%	2%	24%	5%
grade 7 events	126583	119488	109307	126921	109644	135679
	84%	83%	48%	83%	49%	73%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	268.597630	268.6182875622375	Alternating exposures requested	N	N
Pointing Dec	-26.332745	-26.35271284939446	Primary exposure time	0.000000	3.2
Pointing Roll	281.885447	282.0512522535231			
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	205244447.184000	205243306.97353			
Observation start date	2004-07-03T12:19:43	2004-07-03T12:01:46			
Observation end time	205263799.184000	205264386.09946			
Observation end date	2004-07-03T17:42:15	2004-07-03T17:53:06			
Read mode	TIMED	TIMED			

2.3 Aspect



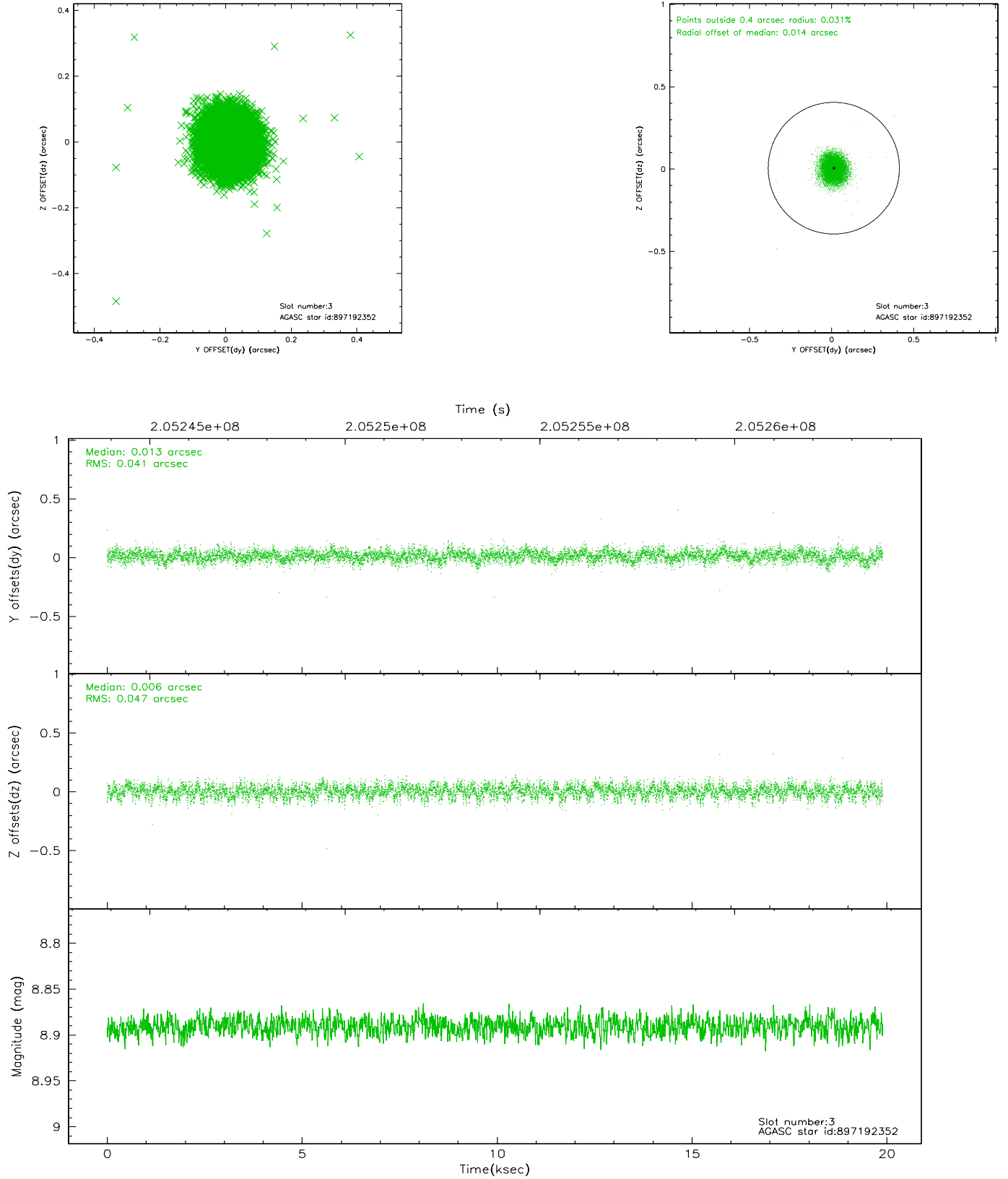


Slot Statistics

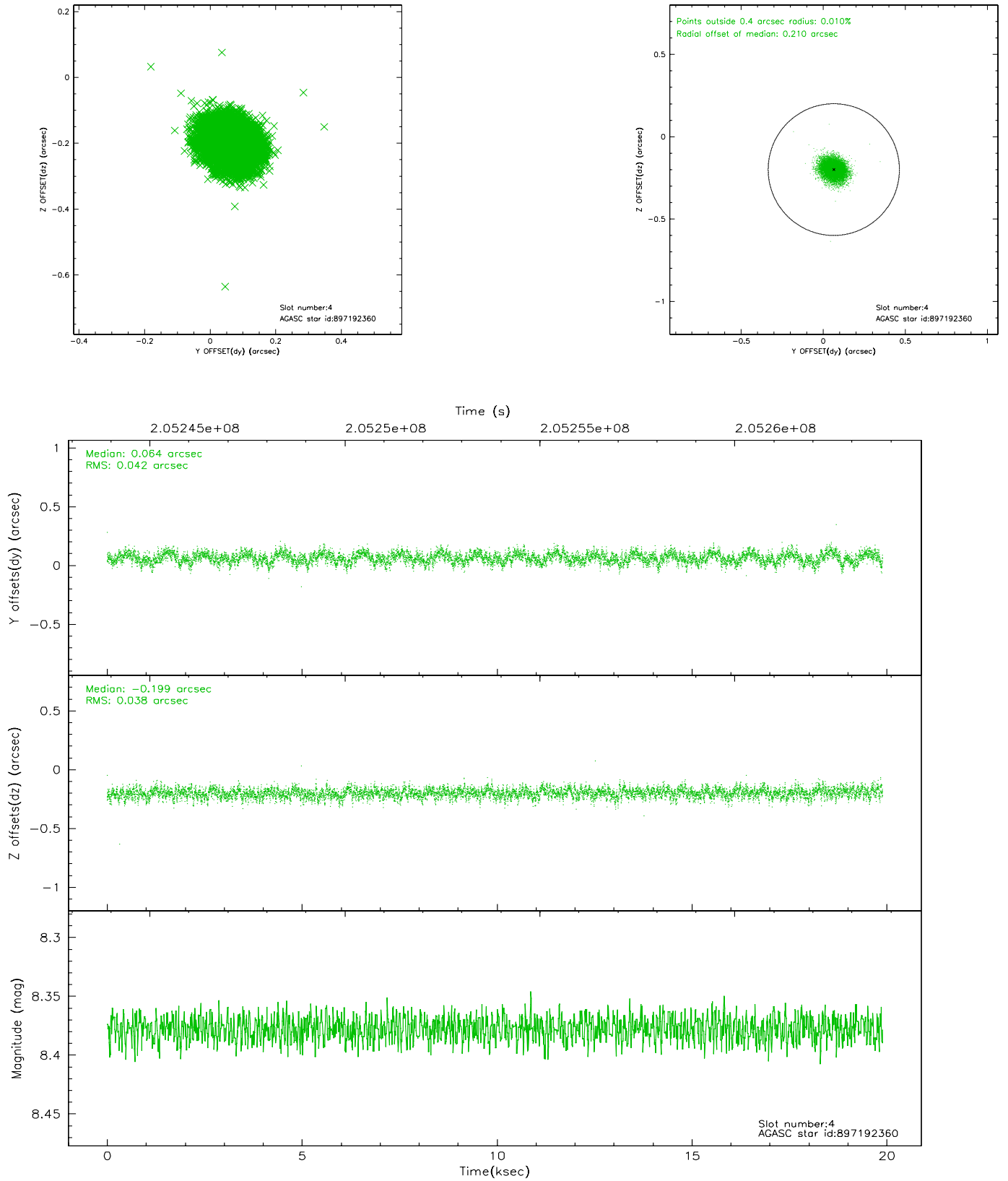
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	4855	0.008	-0.005	0.008	0.018	0.000000	0.000000	937.86	-1725.27
1	FID	ACIS-S-4	7.21	4853	0.034	0.003	0.007	0.017	0.000000	0.000000	2155.45	178.67
2	FID	ACIS-S-5	7.23	4855	-0.069	0.014	0.006	0.022	0.000000	0.000000	-1810.79	172.59
3	GUIDE	897192352	8.89	9704	0.013	0.006	0.066	0.107	268.240875	-26.051045	-1228.03	-920.55
4	GUIDE	897192360	8.38	9704	0.064	-0.199	0.060	0.097	268.601647	-26.234891	-341.72	84.95
5	GUIDE	897715808	7.52	9705	-0.040	-0.023	0.047	0.079	269.101805	-26.773394	1889.75	1258.50
6	GUIDE	897718208	7.76	9709	-0.092	0.149	0.047	0.078	268.020133	-26.836183	1396.22	-2188.98
7	GUIDE	897194512	9.51	9698	0.055	0.074	0.094	0.154	268.006122	-25.792954	-2291.56	-1477.15

2.4 Star Slots

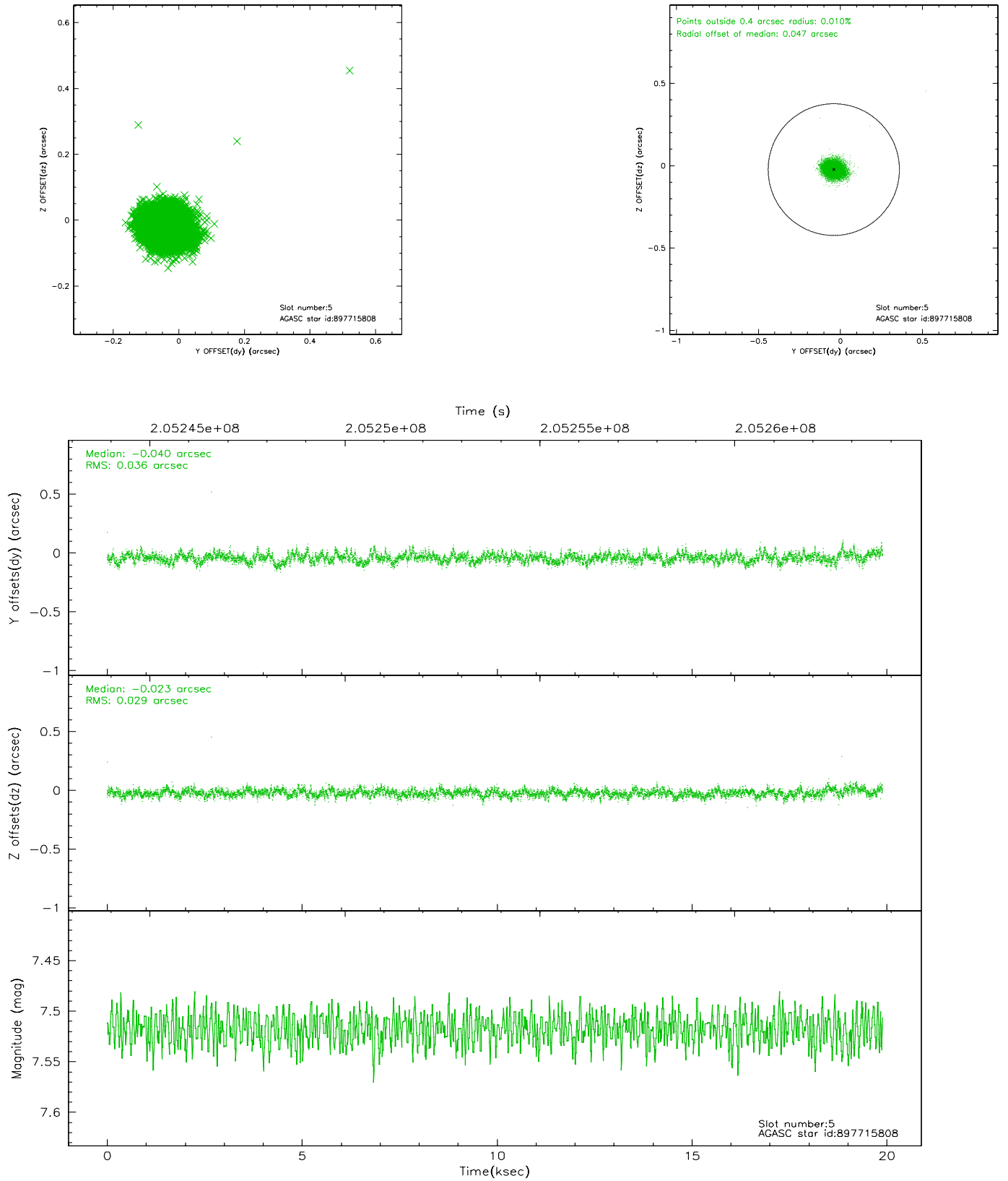
2.4.1 Slot 3



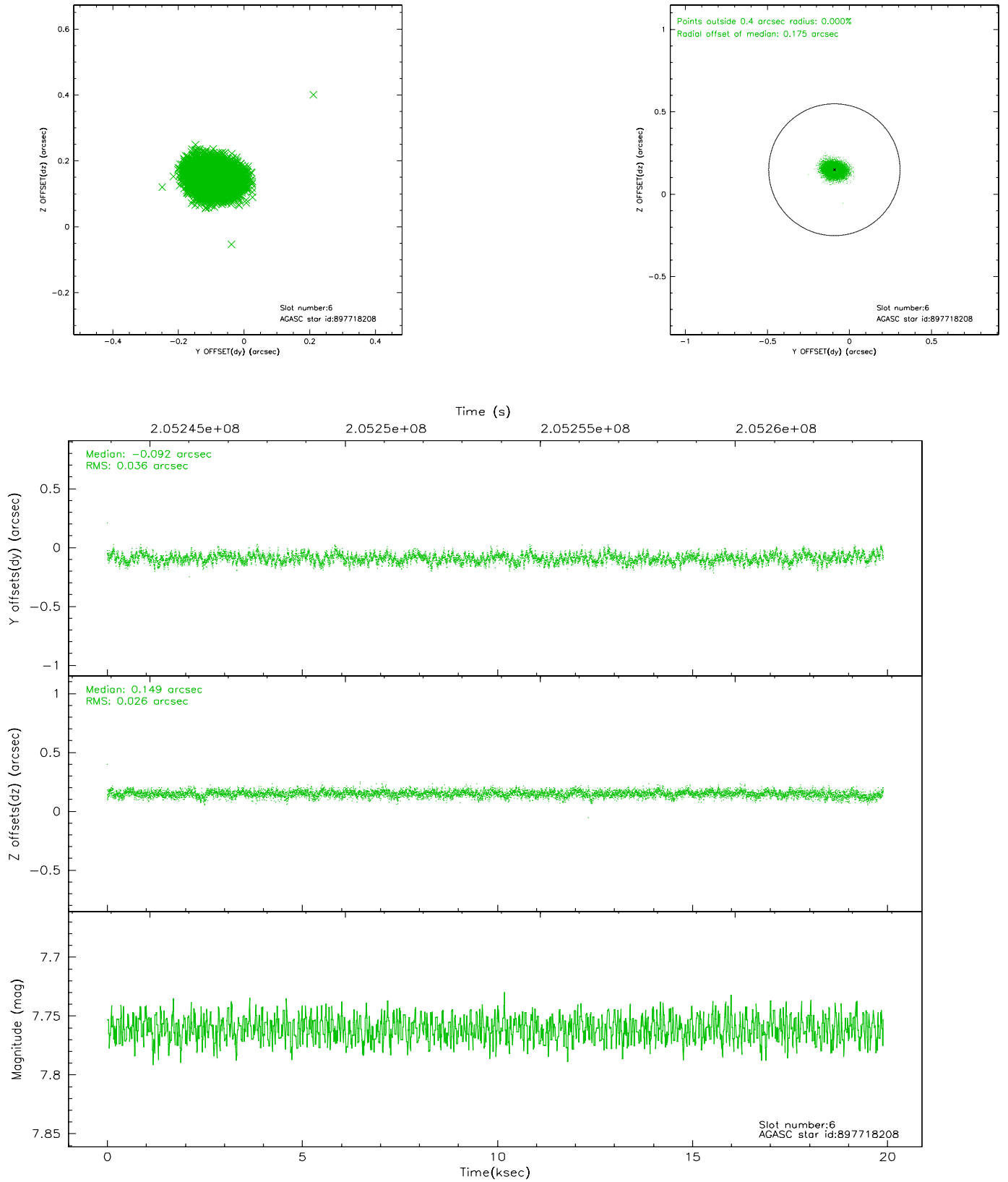
2.4.2 Slot 4



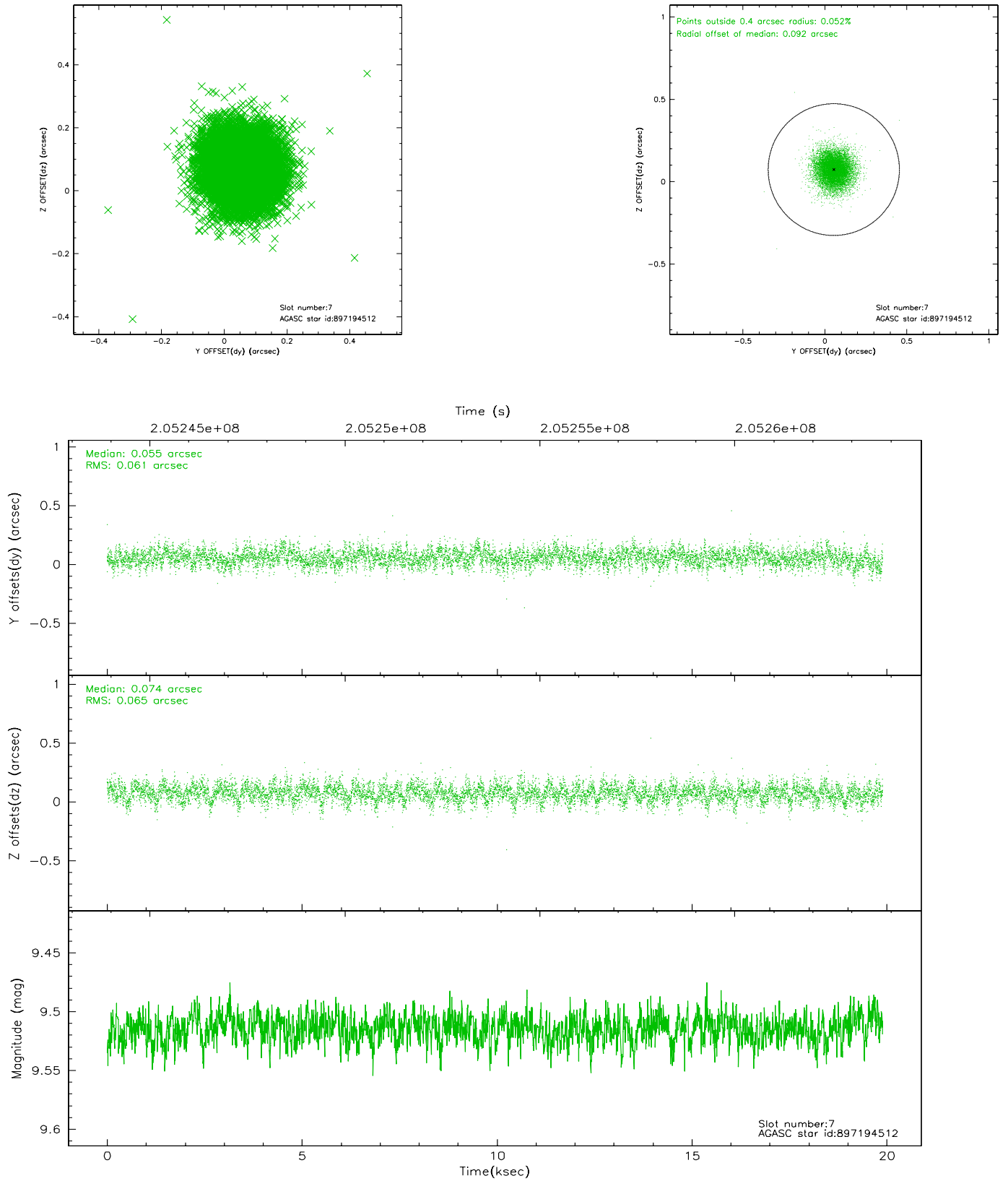
2.4.3 Slot 5



2.4.4 Slot 6

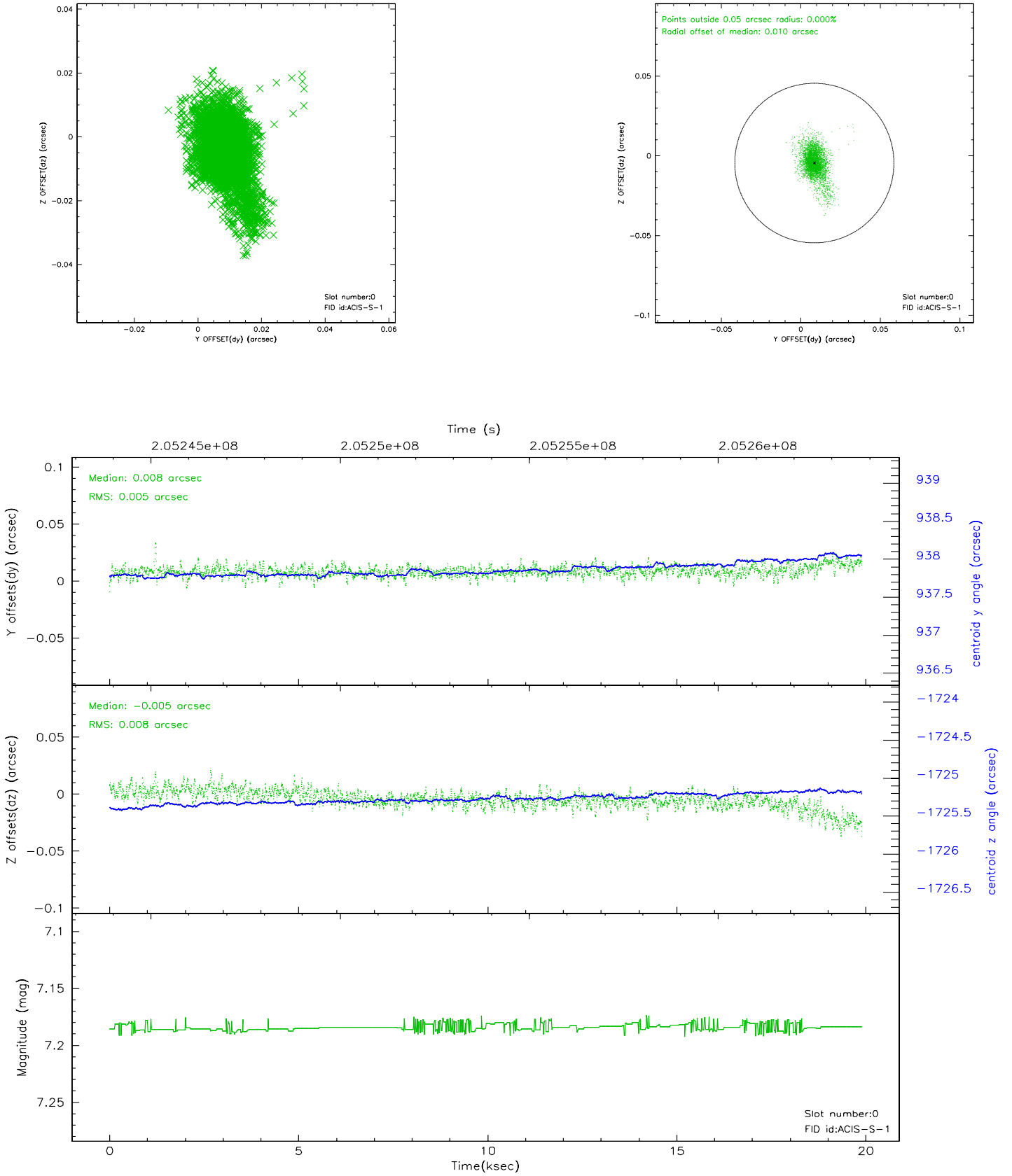


2.4.5 Slot 7

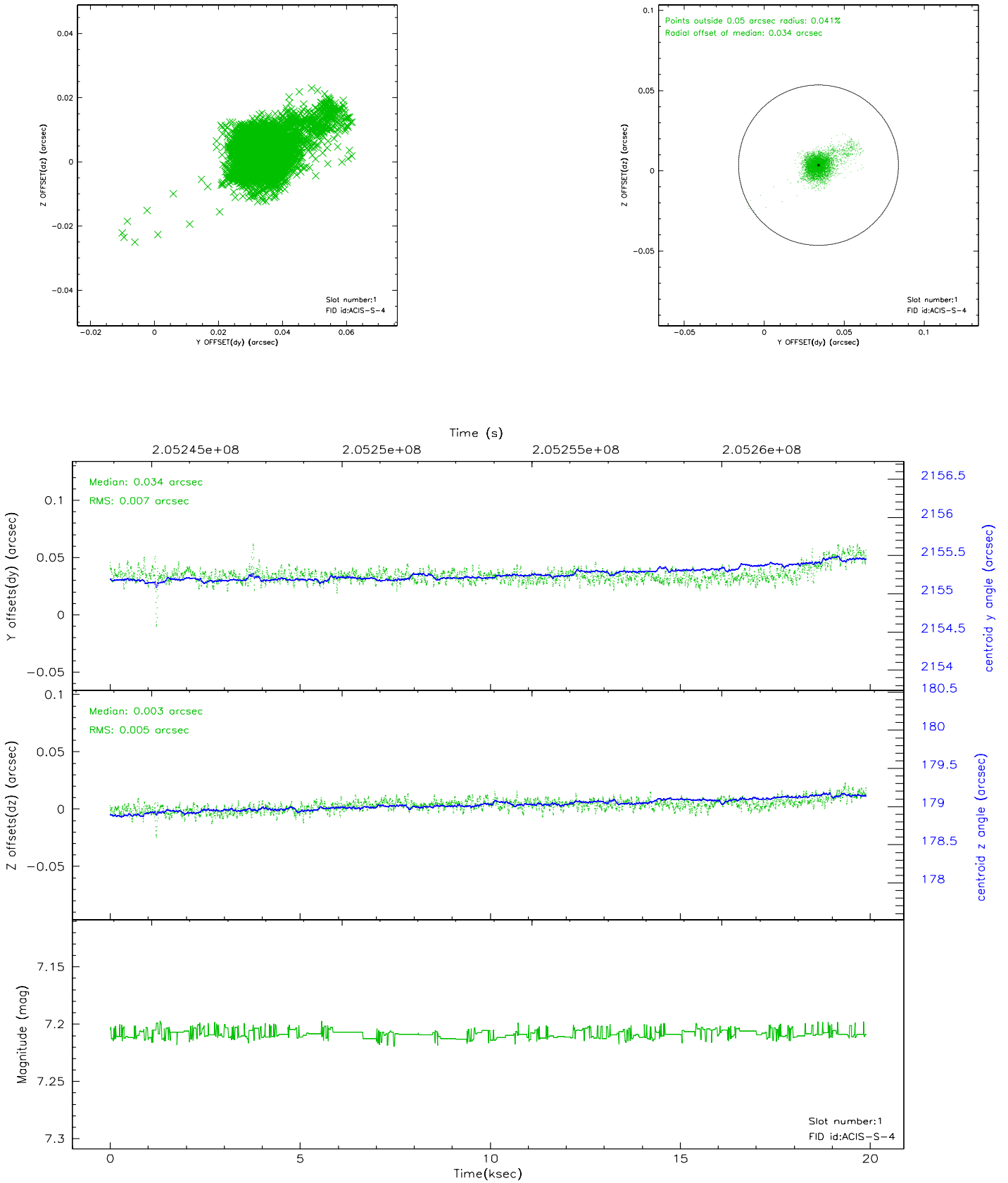


2.5 FID Slots

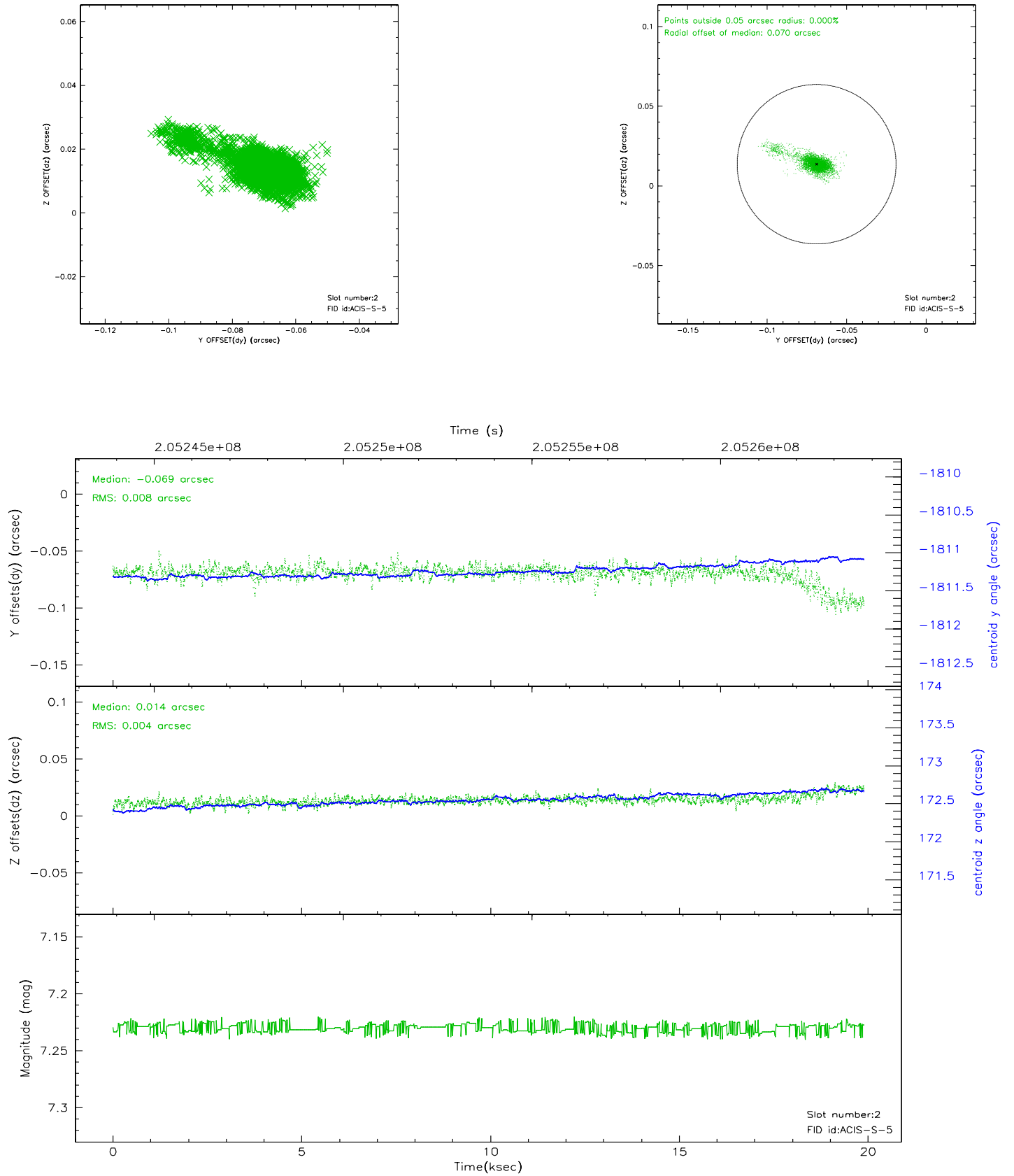
2.5.1 Slot 0



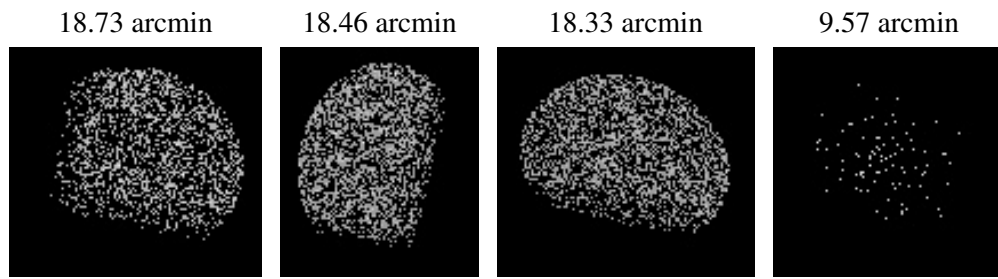
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.308

A.2 Comments