

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2955 - L2 Version 001
Chandra X-Ray Center

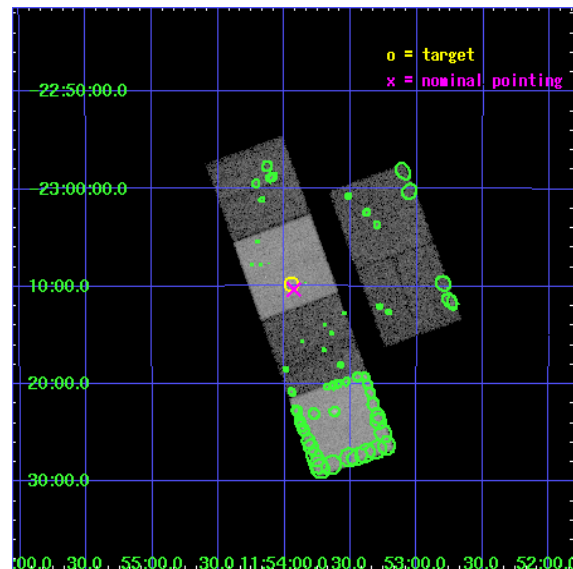
L2 Processing Date : Sep 19 2006

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1 Front

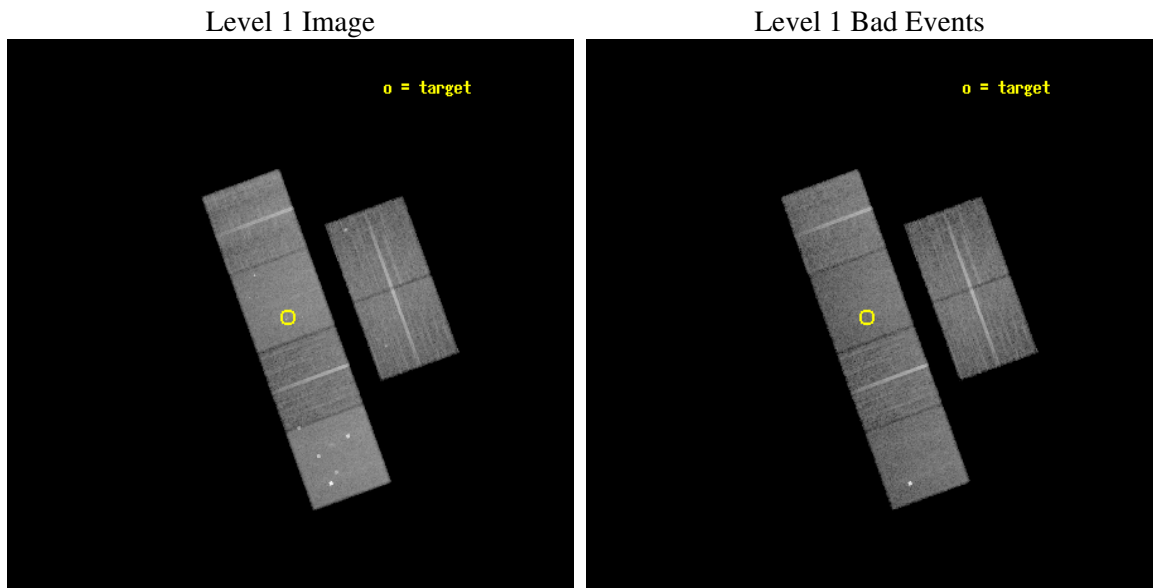
seq_num	600292
obs_id	2955
title	THE HALPHA - X-RAY CONNECTION IN DWARF STARBURST GALAXIES.
observer	DR IAN STEVENS
object	NGC 3955
dtcycle	0
cycle	P
ra_targ	178.4875
dec_targ	-23.163889
ra_nom	178.48221324903
dec_nom	-23.172277300482
roll_nom	250.05096365883
revision	2
ontime	19958.399925649
livetime	19705.674648285
ontime2	19958.399925649
ontime3	19955.158955395
ontime5	19958.399925649
ontime6	19958.399925649
ontime7	19958.399925649
ontime8	19958.399925649
l2events	191119



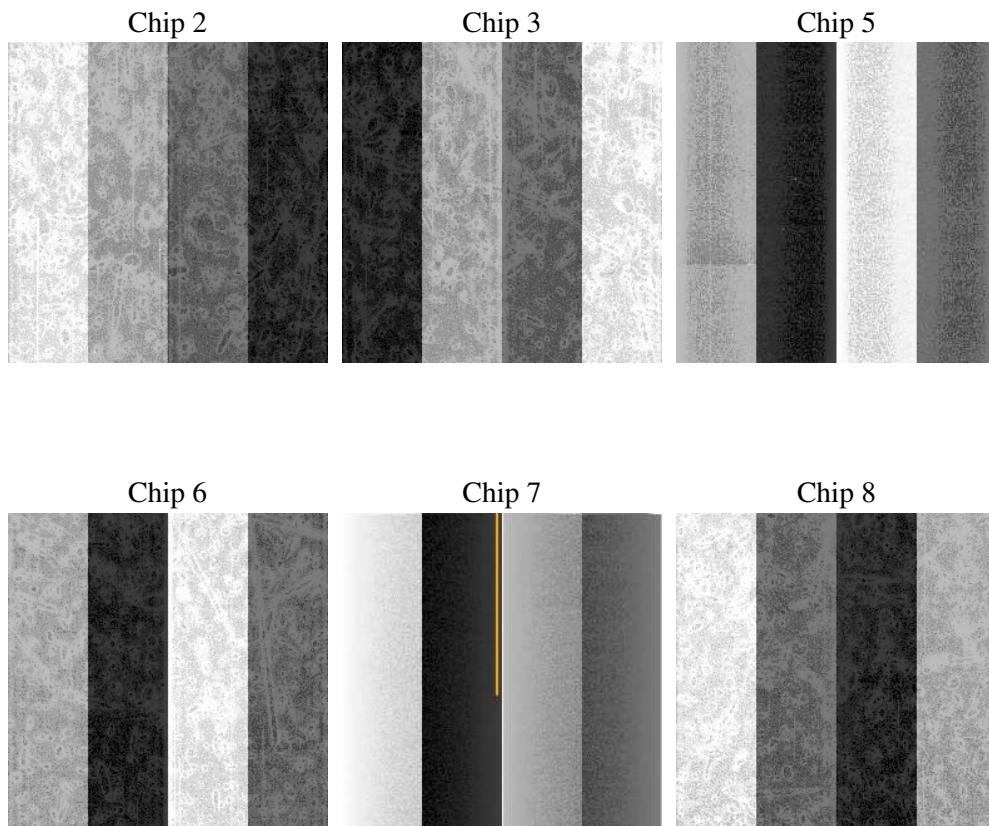
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-09-19T14:49:32
revision	2

sched_exp_time	20000.000000
ontime	19964.561876953
ontime2	19964.561876953
ontime3	19961.320906699
ontime5	19964.561876953
ontime6	19964.561876953
ontime7	19964.561876953
ontime8	19964.561876953
l1events	900141

2.1.4 Events

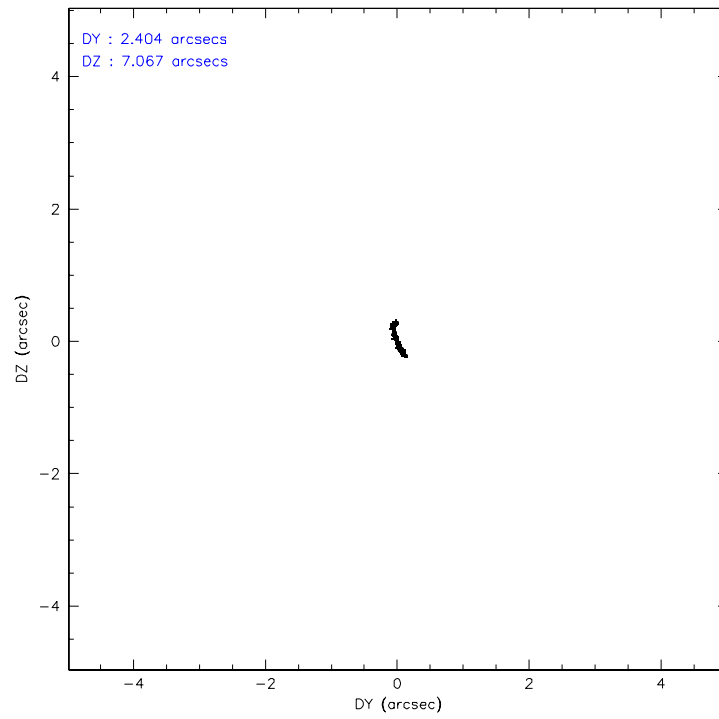
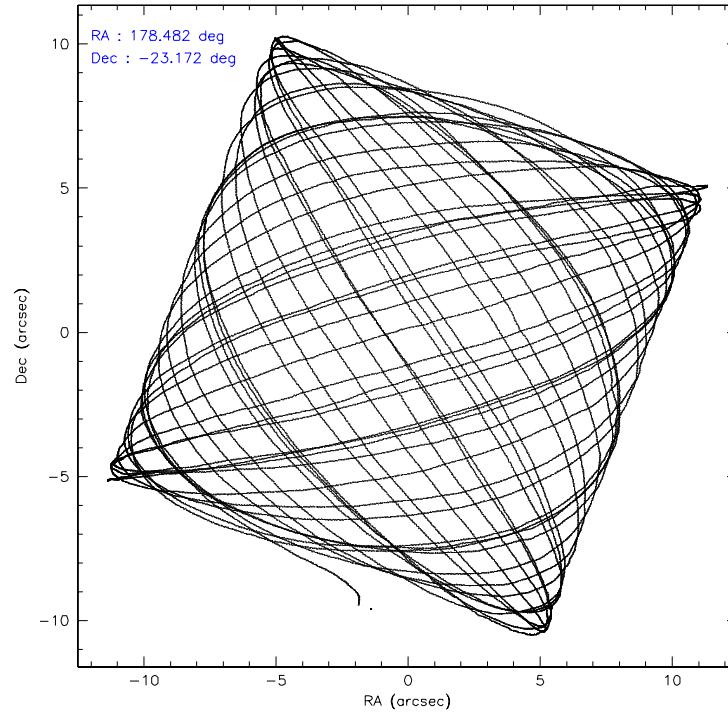
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	131511	125396	190443	125243	168246	159302
rejected events	116428	110608	106491	110170	103876	126574
rejected %	88%	88%	55%	87%	61%	79%

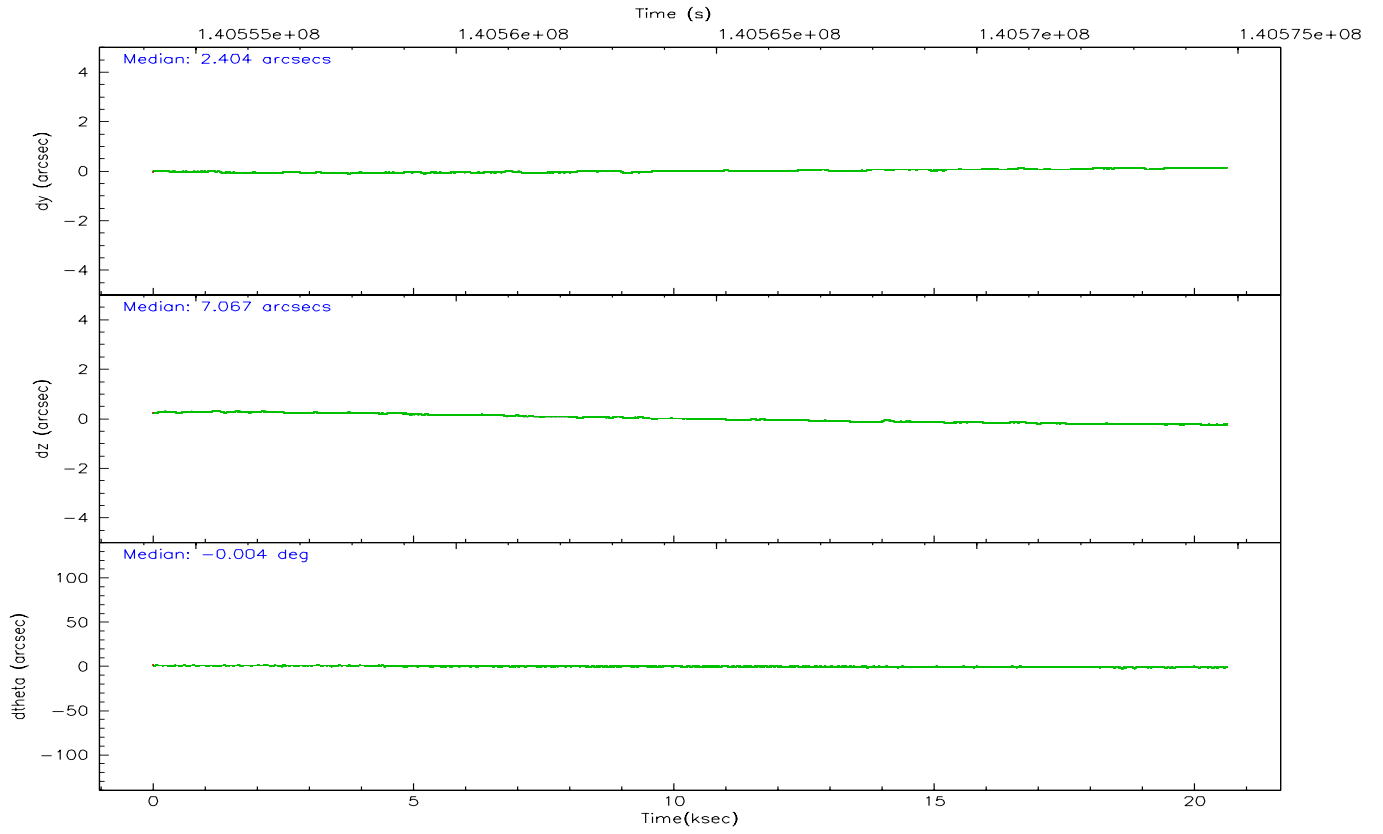
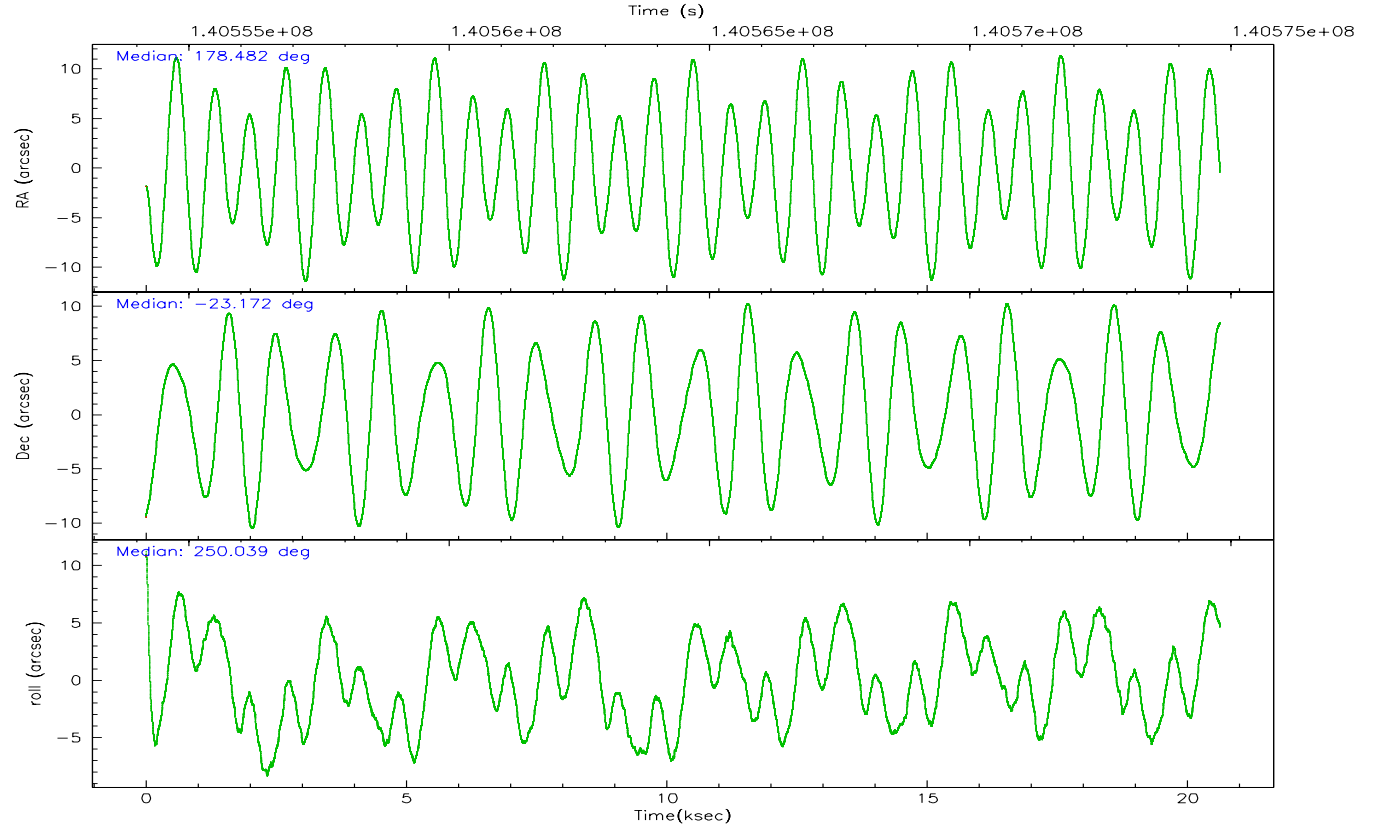
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	6476	6450	9035	6137	4180	10250
	4%	5%	4%	4%	2%	6%
grade 1 events	58	63	181	49	96	81
	0%	0%	0%	0%	0%	0%
grade 2 events	3311	2957	25787	3100	15811	7219
	2%	2%	13%	2%	9%	4%
grade 3 events	1348	1375	1804	1475	3395	3432
	1%	1%	0%	1%	2%	2%
grade 4 events	1264	1406	1703	1443	3269	3253
	0%	1%	0%	1%	1%	2%
grade 5 events	4661	5210	9132	5507	11141	7118
	3%	4%	4%	4%	6%	4%
grade 6 events	2687	2605	45642	2926	37738	8586
	2%	2%	23%	2%	22%	5%
grade 7 events	111706	105330	97159	104606	92616	119363
	84%	83%	51%	83%	55%	74%

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	178.476670	178.482213249031	Subarray requested	NONE	NONE
Pointing Dec	-23.145511	-23.17227730048215	Alternating exposures requested	N	N
Pointing Roll	249.892153	250.0509636588344	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	140554800.184000	140553626.70509			
Observation start date	2002-06-15T18:58:56	2002-06-15T18:40:26			
Observation end time	140574800.184000	140575230.11848			
Observation end date	2002-06-16T00:32:16	2002-06-16T00:40:30			
Read mode	TIMED	TIMED			

2.3 Aspect



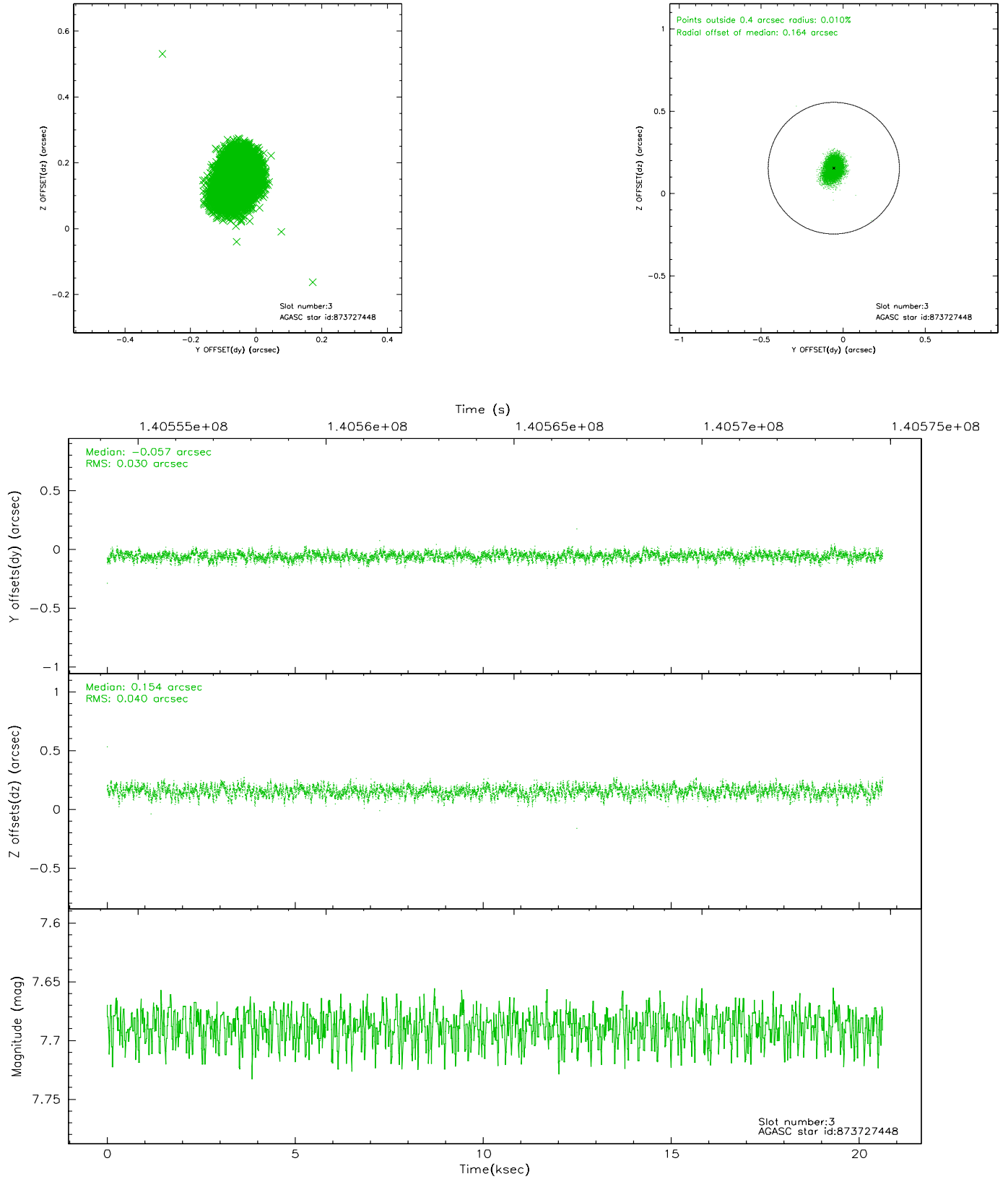


Slot Statistics

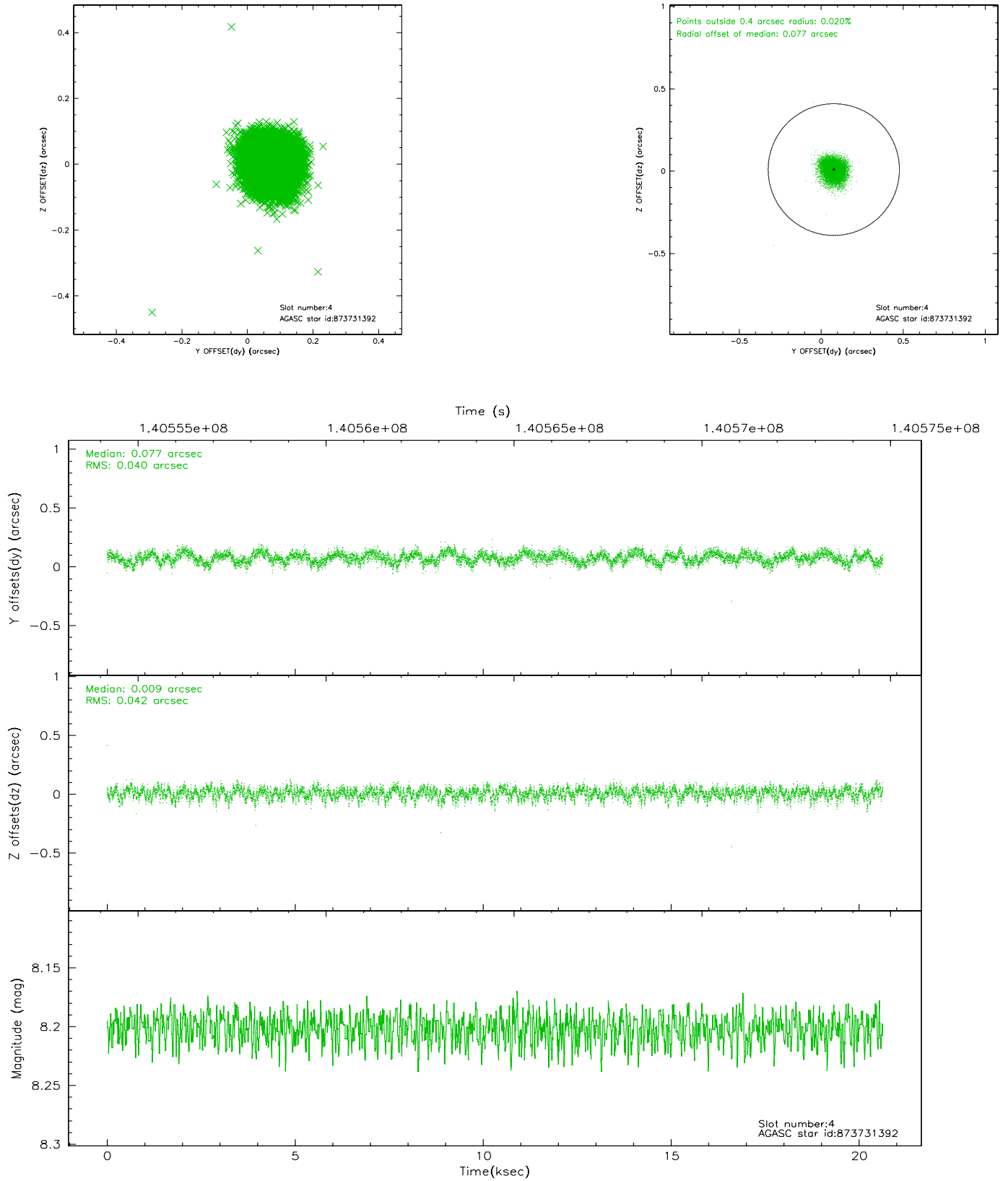
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	5032	-0.006	0.038	0.009	0.014	0.000000	0.000000	-755.04	-1728.22
1	FID	ACIS-S-4	7.20	5030	-0.086	-0.007	0.009	0.015	0.000000	0.000000	2158.07	180.05
2	FID	ACIS-S-5	7.24	5029	0.060	-0.022	0.006	0.010	0.000000	0.000000	-1807.60	173.89
3	GUIDE	873727448	7.69	10058	-0.057	0.154	0.053	0.088	178.883134	-23.450817	571.24	1640.15
4	GUIDE	873731392	8.20	10059	0.077	0.009	0.062	0.099	178.700899	-23.550160	1113.22	1197.18
5	GUIDE	873602840	8.32	10060	0.134	-0.159	0.082	0.129	177.657389	-23.482583	2076.80	-2119.15
6	GUIDE	873600448	9.12	10059	-0.065	-0.084	0.090	0.144	177.709964	-23.235756	1183.17	-2266.96
7	GUIDE	873726400	9.73	10048	-0.090	0.086	0.114	0.185	178.806064	-23.441443	626.58	1389.17

2.4 Star Slots

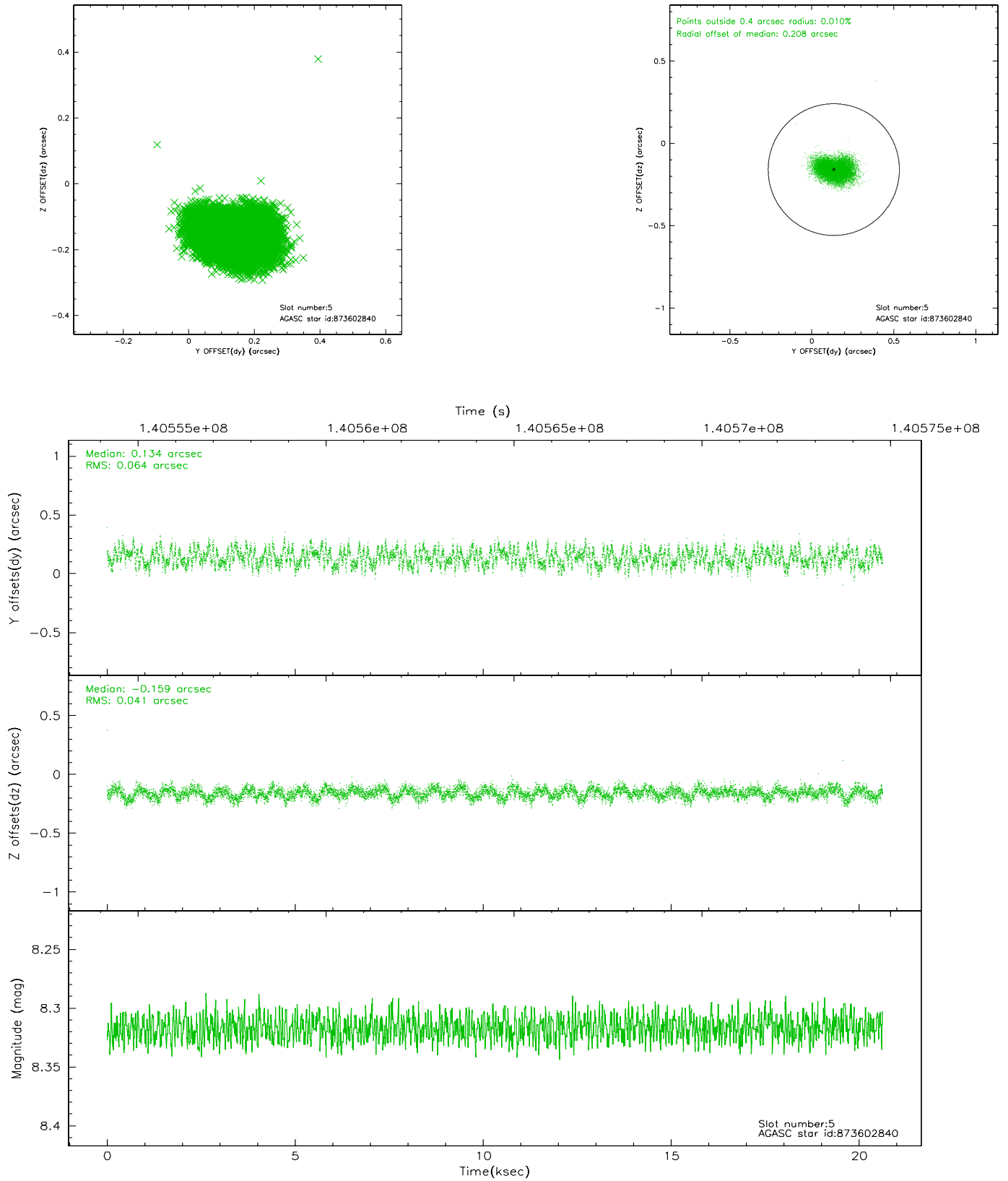
2.4.1 Slot 3



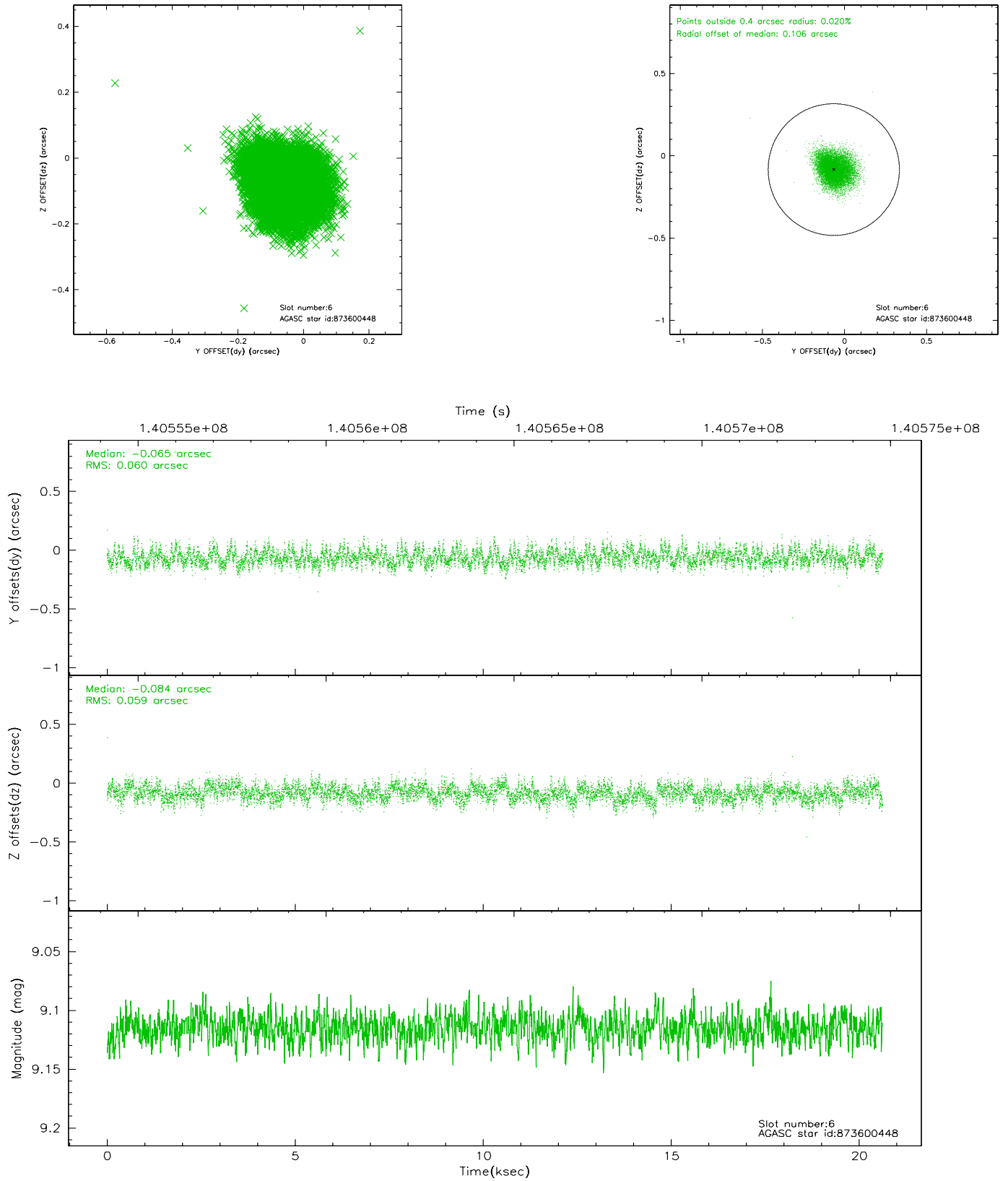
2.4.2 Slot 4



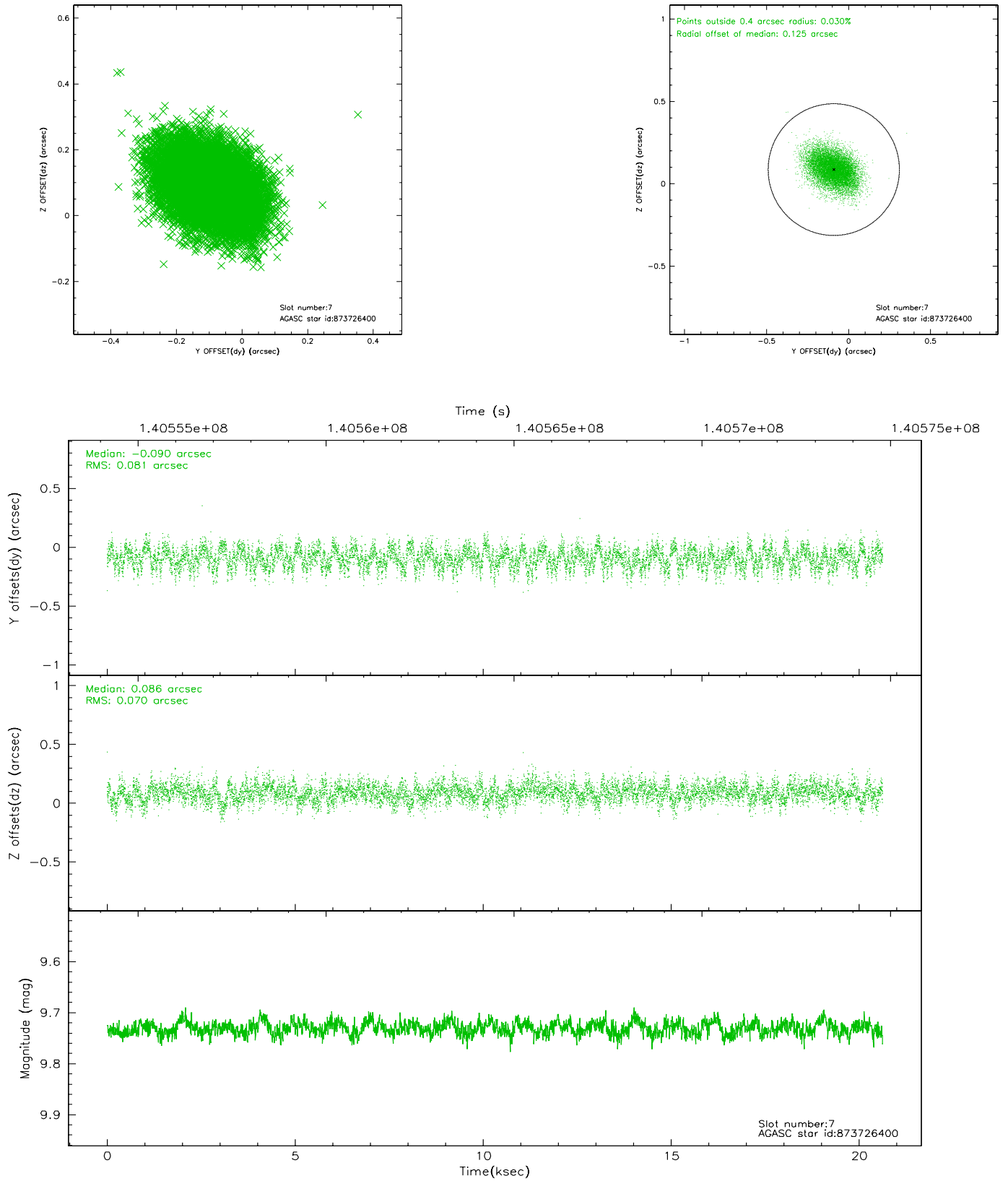
2.4.3 Slot 5



2.4.4 Slot 6

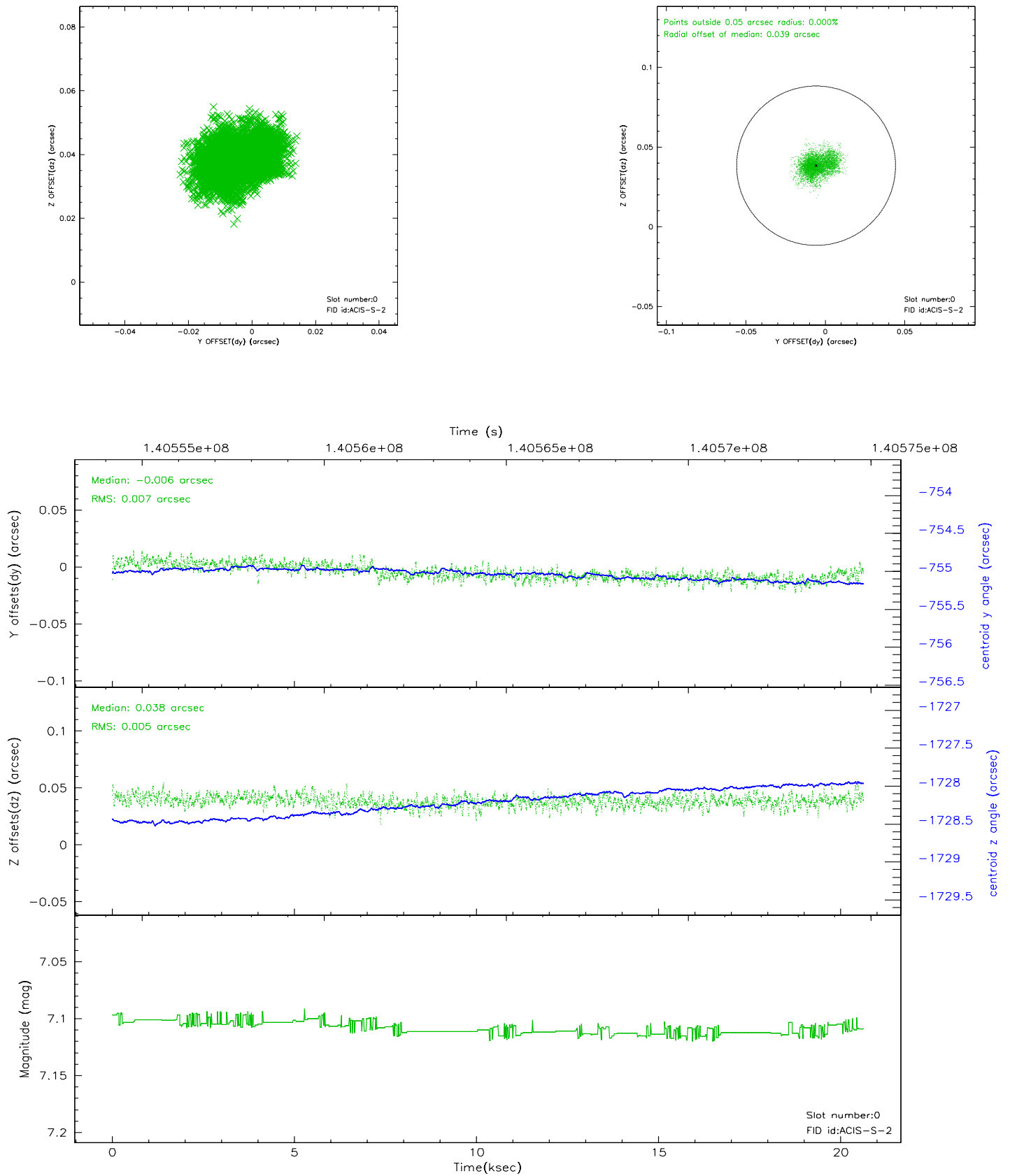


2.4.5 Slot 7

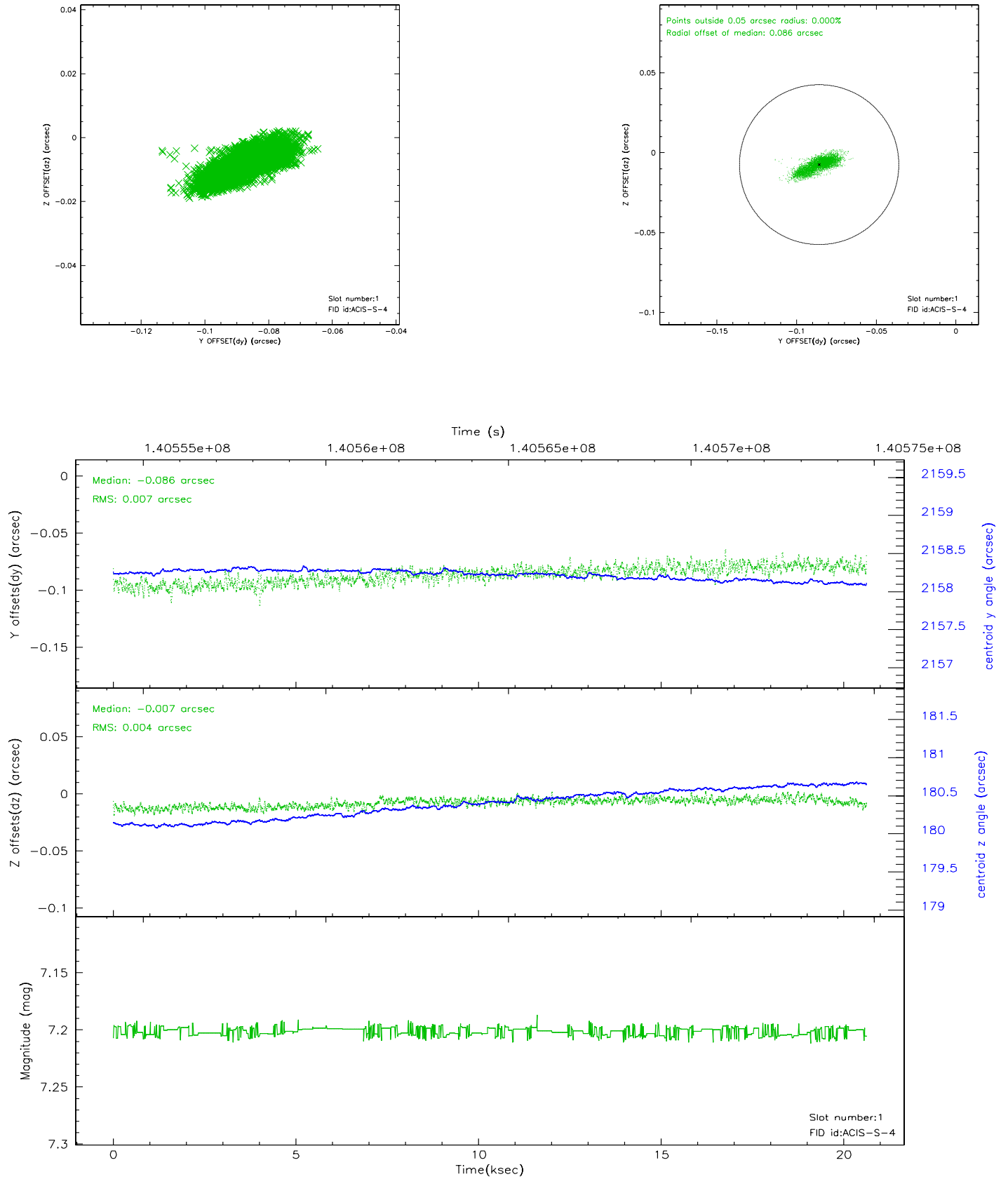


2.5 FID Slots

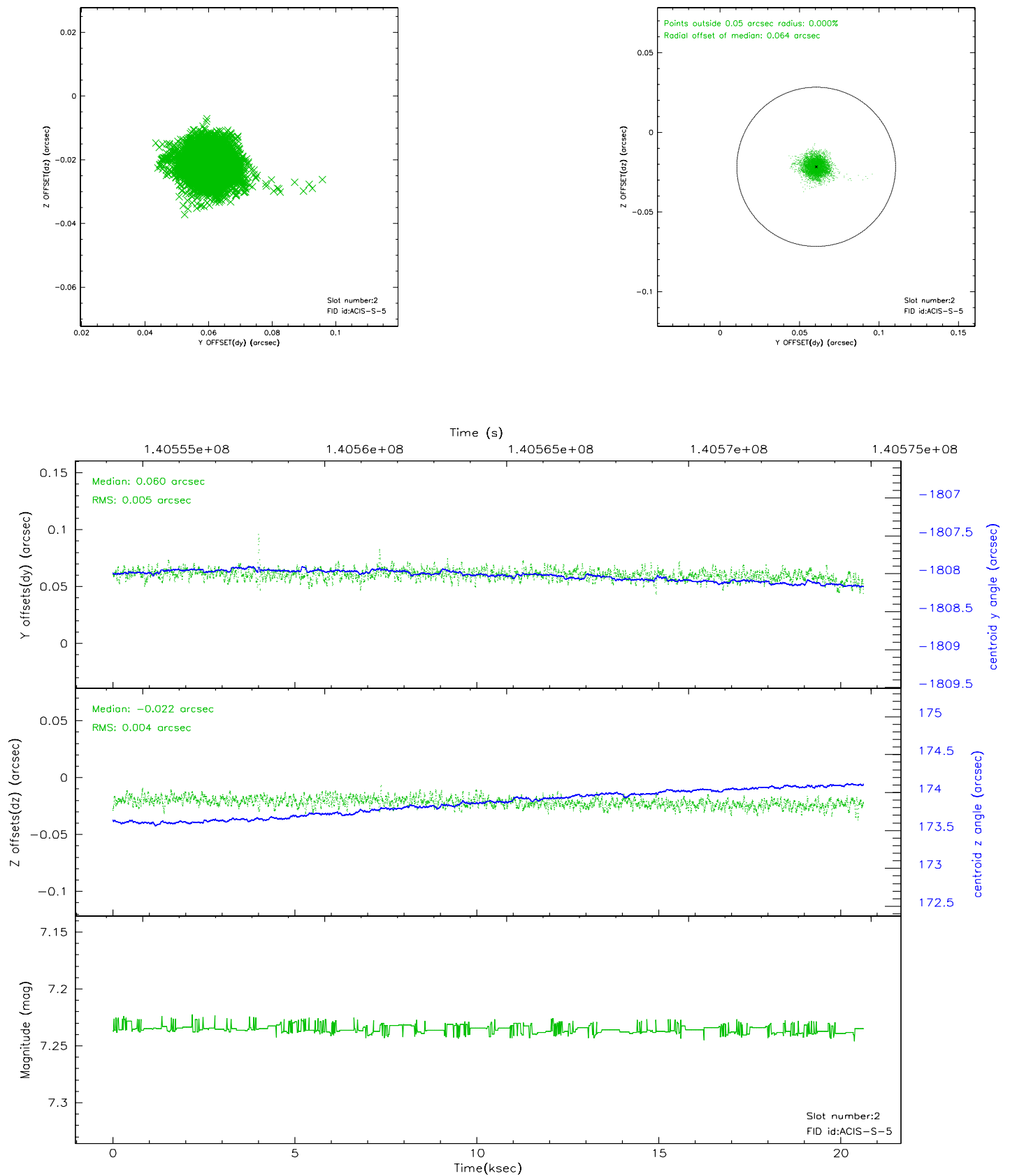
2.5.1 Slot 0



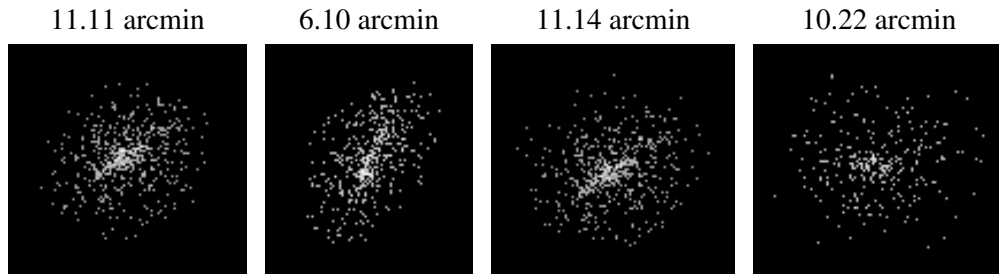
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.961

A.2 Comments