

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3800 - L2 Version 001
Chandra X-Ray Center

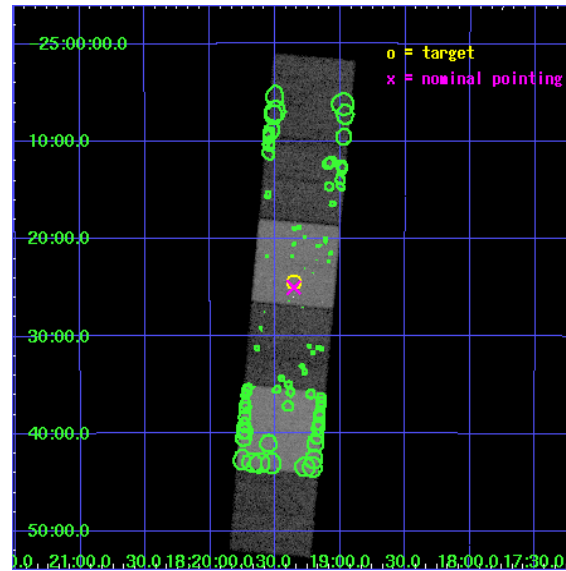
L2 Processing Date : Oct 7 2006

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1 Front

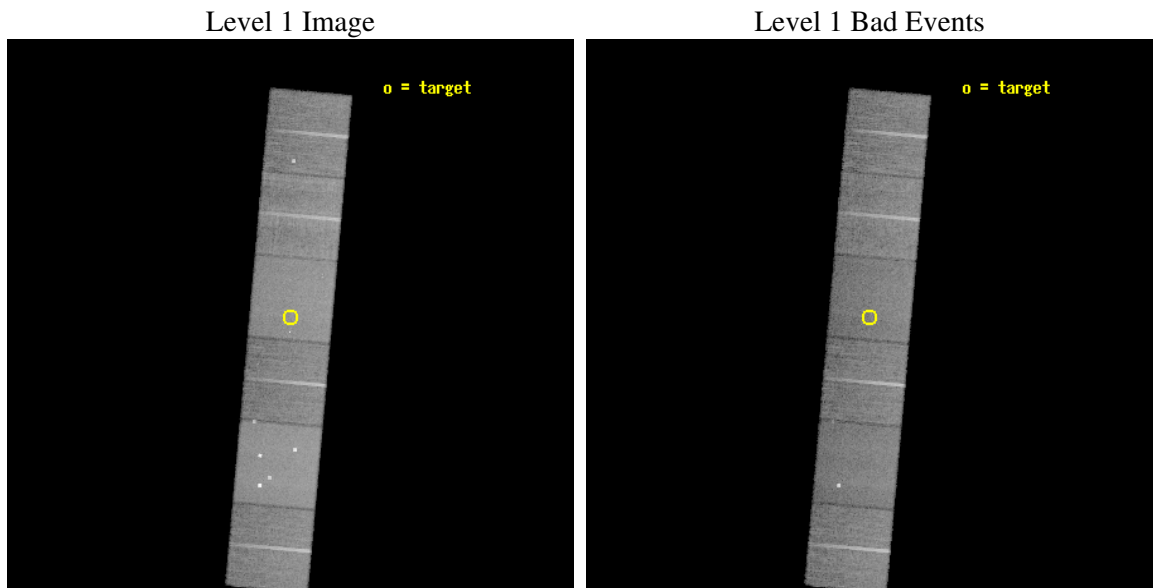
seq_num	400287
obs_id	3800
title	A SEARCH FOR X-RAY JETS IN QUIESCENT MICROQUASARS
observer	Dr. John Tomsick
object	V4641 SGR
dtcycle	0
cycle	P
ra_targ	274.84
dec_targ	-25.407111
ra_nom	274.83906814659
dec_nom	-25.416762339562
roll_nom	275.1562350386
revision	2
ontime	25580.799904704
livetime	25256.880413402
ontime4	25577.558944404
ontime5	25580.799904704
ontime6	25580.799904704
ontime7	25580.799904704
ontime8	25577.558944434
ontime9	25580.799904704
l2events	260577



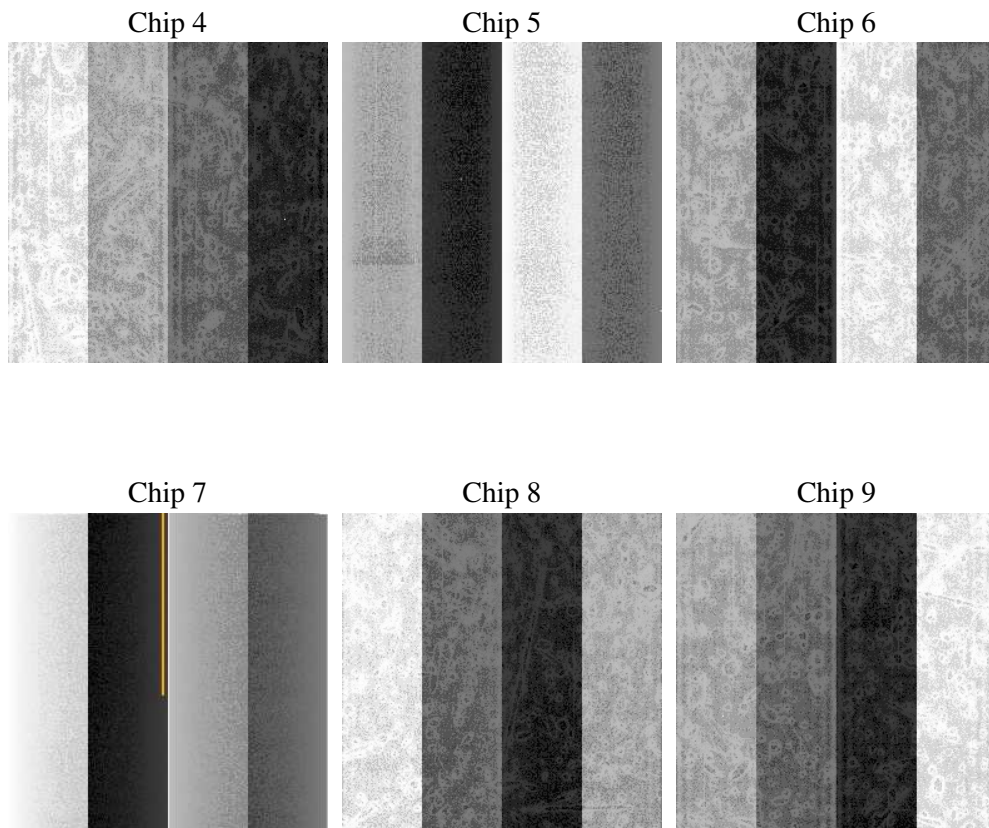
2 OBI

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	2006-10-07T11:43:39
revision	2

sched_exp_time	25620.000000
ontime	25584.45754233
ontime4	25581.21658203
ontime5	25584.45754233
ontime6	25584.45754233
ontime7	25584.45754233
ontime8	25581.21658206
ontime9	25584.45754233
l1events	1148492

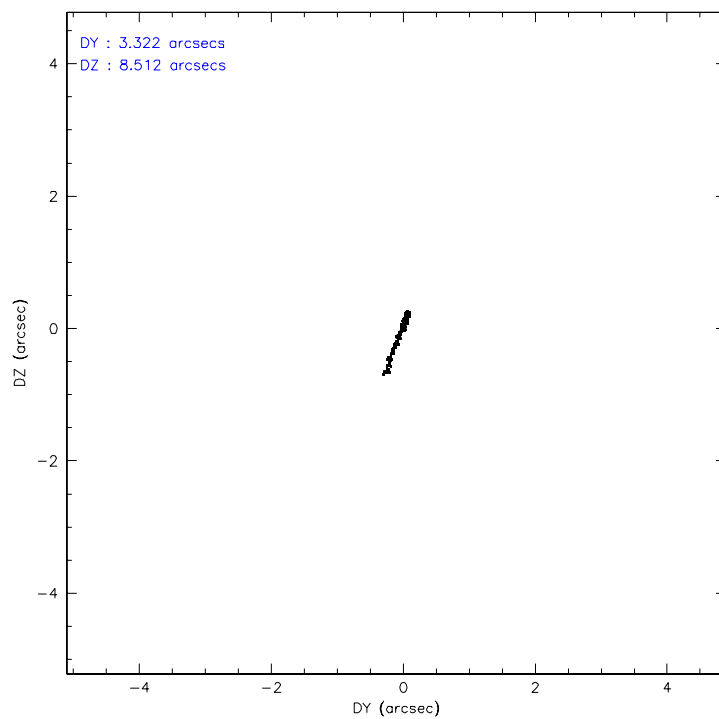
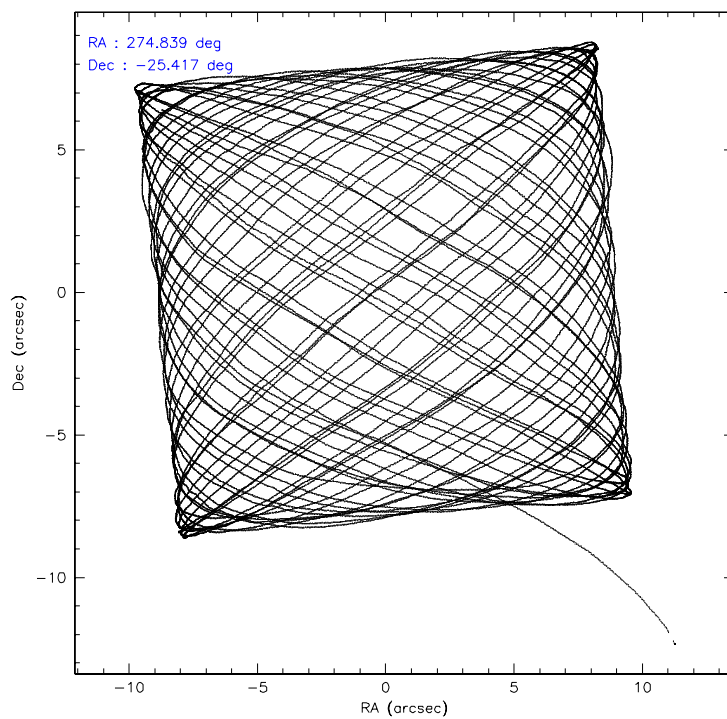
2.1.4 Events

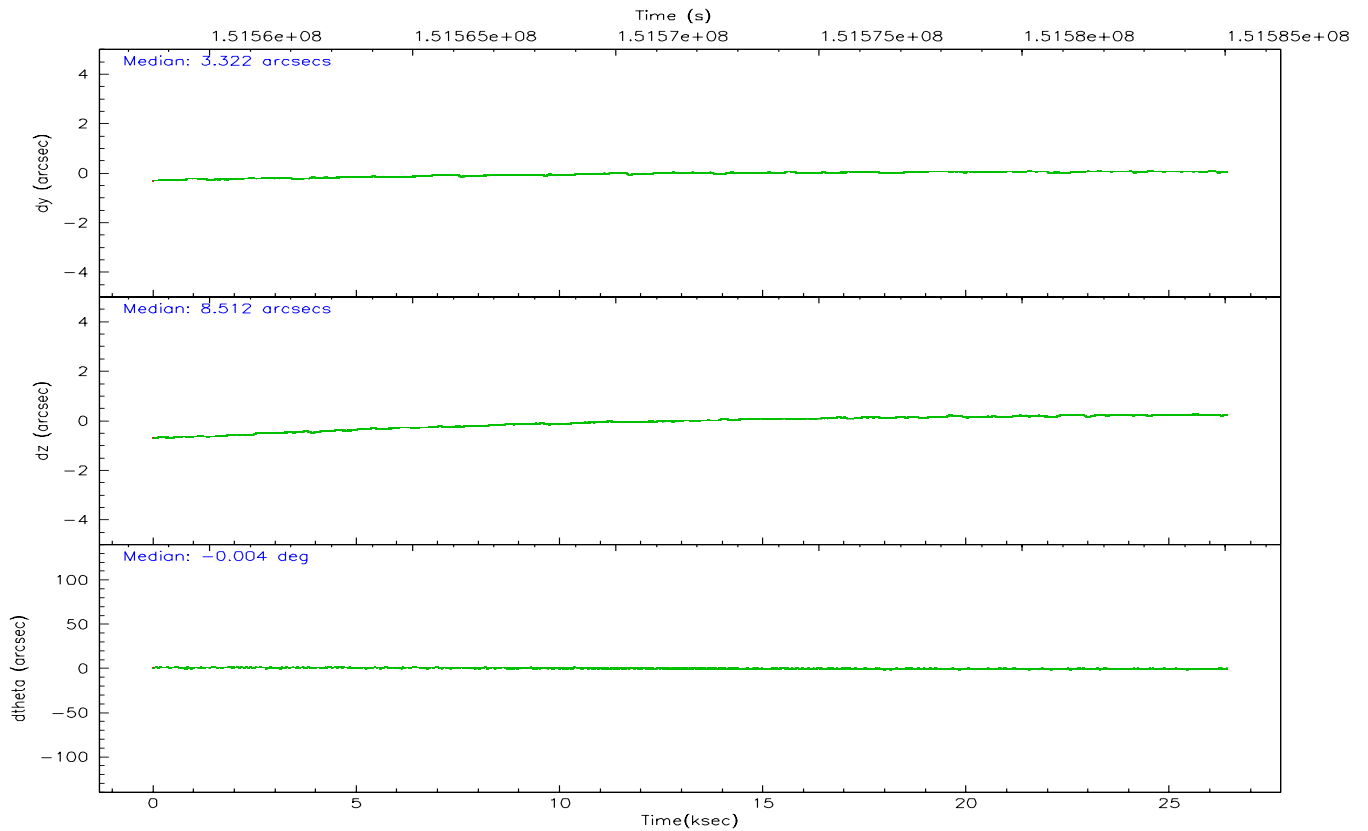
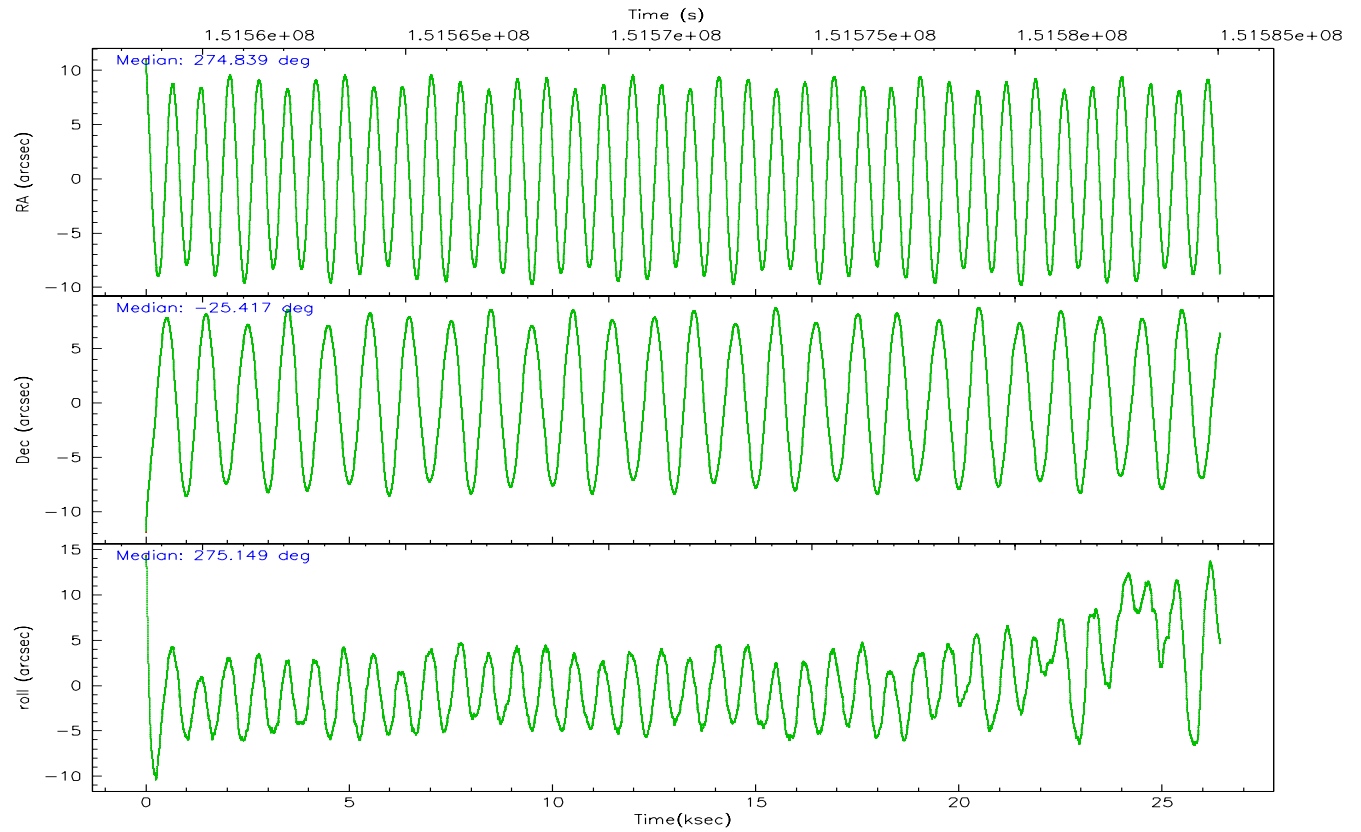
	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	170483	242182	161610	211722	201994	160501	grade 0 events	10525	15956	10993	6725	16747	11745
rejected events	148797	128075	138759	125693	156447	137369		6%	6%	6%	3%	8%	7%
rejected %	87%	52%	85%	59%	77%	85%	grade 1 events	172	301	84	116	142	93
								0%	0%	0%	0%	0%	0%
							grade 2 events	4202	32747	4209	21505	9246	3878
								2%	13%	2%	10%	4%	2%
							grade 3 events	2007	5542	2020	4858	4515	1981
								1%	2%	1%	2%	2%	1%
							grade 4 events	1960	2692	1917	4813	4273	1859
								1%	1%	1%	2%	2%	1%
							grade 5 events	6588	13024	6888	13288	9051	7283
								3%	5%	4%	6%	4%	4%
							grade 6 events	2997	57204	3716	48143	10772	3670
								1%	23%	2%	22%	5%	2%
							grade 7 events	142032	114716	131783	112274	147248	129992
								83%	47%	81%	53%	72%	80%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-456789	ACIS-456789	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	274.821389	274.839068146587	Subarray requested	NONE	NONE
Pointing Dec	-25.394692	-25.41676233956223	Alternating exposures requested	N	N
Pointing Roll	274.992019	275.1562350386041	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	151559415.184000	151558148.10866			
Observation start date	2002-10-21T03:49:11	2002-10-21T03:29:08			
Observation end time	151585035.184000	151585433.60979			
Observation end date	2002-10-21T10:56:11	2002-10-21T11:03:53			
Read mode	TIMED	TIMED			

2.3 Aspect



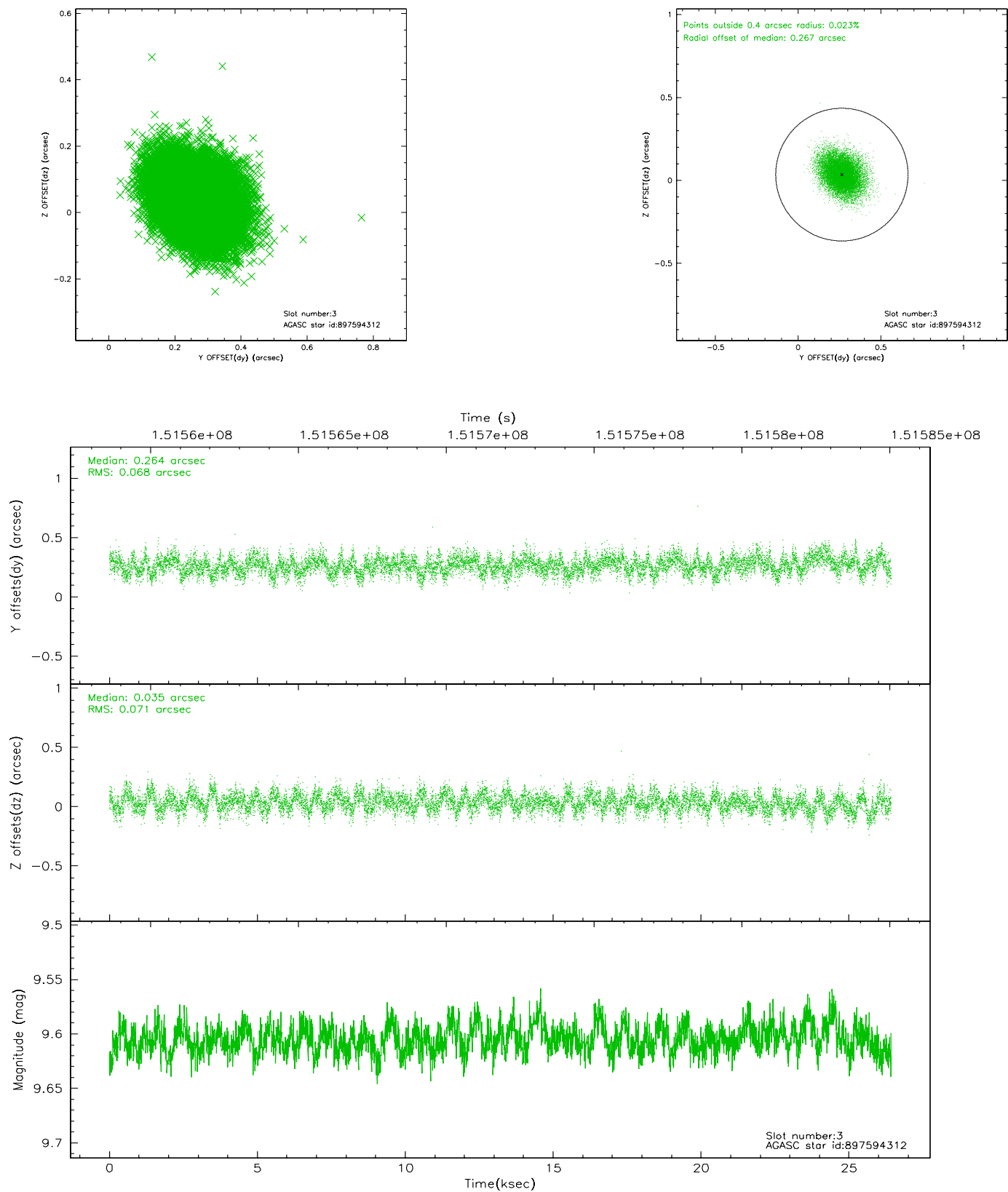


Slot Statistics

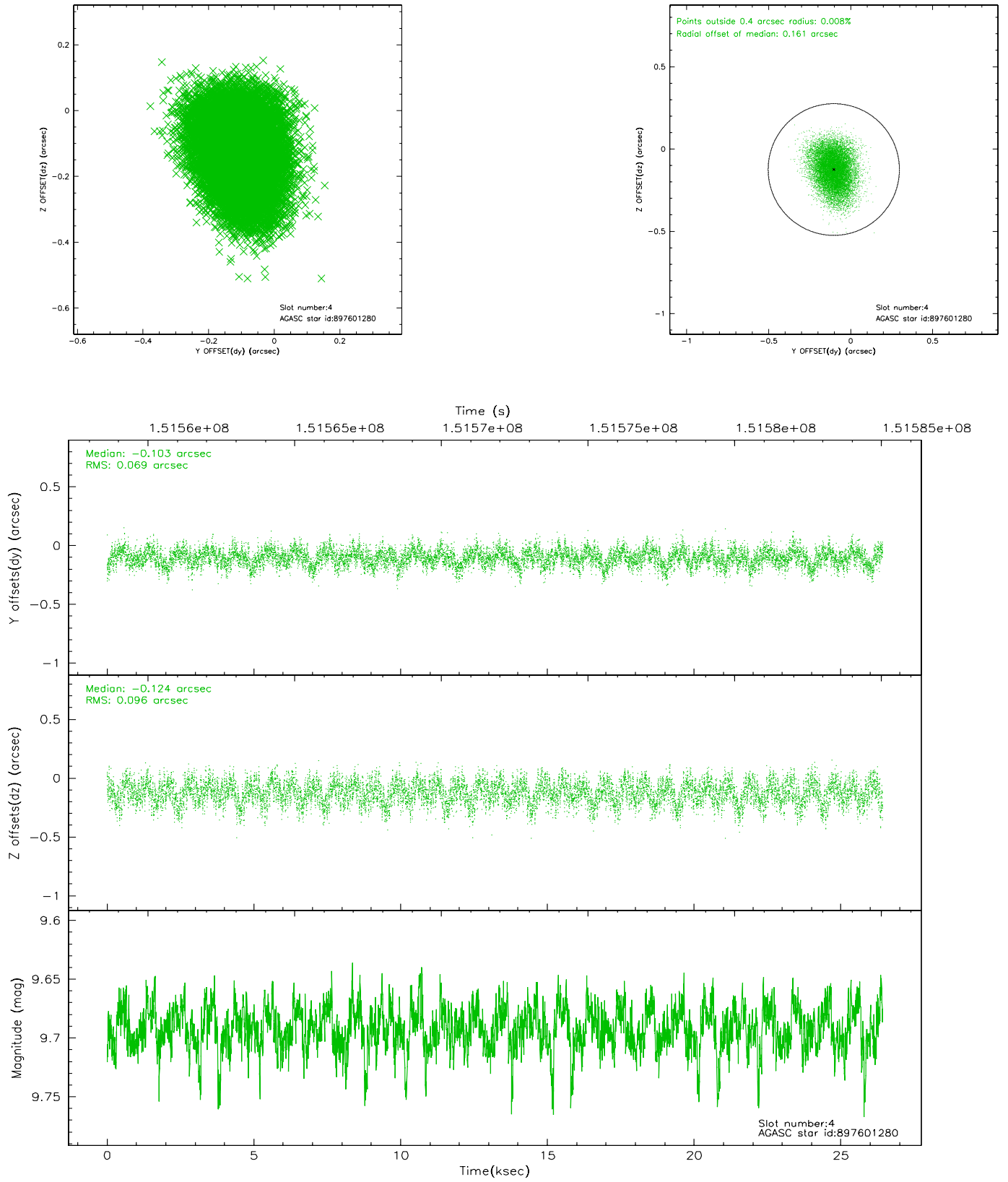
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6446	-0.003	0.009	0.007	0.012	0.000000	0.000000	-755.94	-1729.58
1	FID	ACIS-S-4	7.20	6446	-0.035	-0.001	0.008	0.015	0.000000	0.000000	2157.27	178.78
2	FID	ACIS-S-5	7.24	6446	0.007	0.001	0.007	0.012	0.000000	0.000000	-1808.63	172.58
3	GUIDE	897594312	9.61	12884	0.264	0.035	0.104	0.169	275.203948	-25.744625	1364.67	1126.72
4	GUIDE	897601280	9.69	12872	-0.103	-0.124	0.126	0.204	274.221964	-25.156854	-1018.55	-1871.43
5	GUIDE	897607632	9.10	12811	-0.040	0.002	0.105	0.201	275.528210	-25.239953	-349.17	2341.06
6	GUIDE	897607664	8.95	12884	-0.003	0.021	0.088	0.142	274.763984	-25.327976	-255.43	-164.54
7	GUIDE	897610120	8.48	12820	-0.114	0.066	0.072	0.115	275.375820	-25.427247	276.84	1785.77

2.4 Star Slots

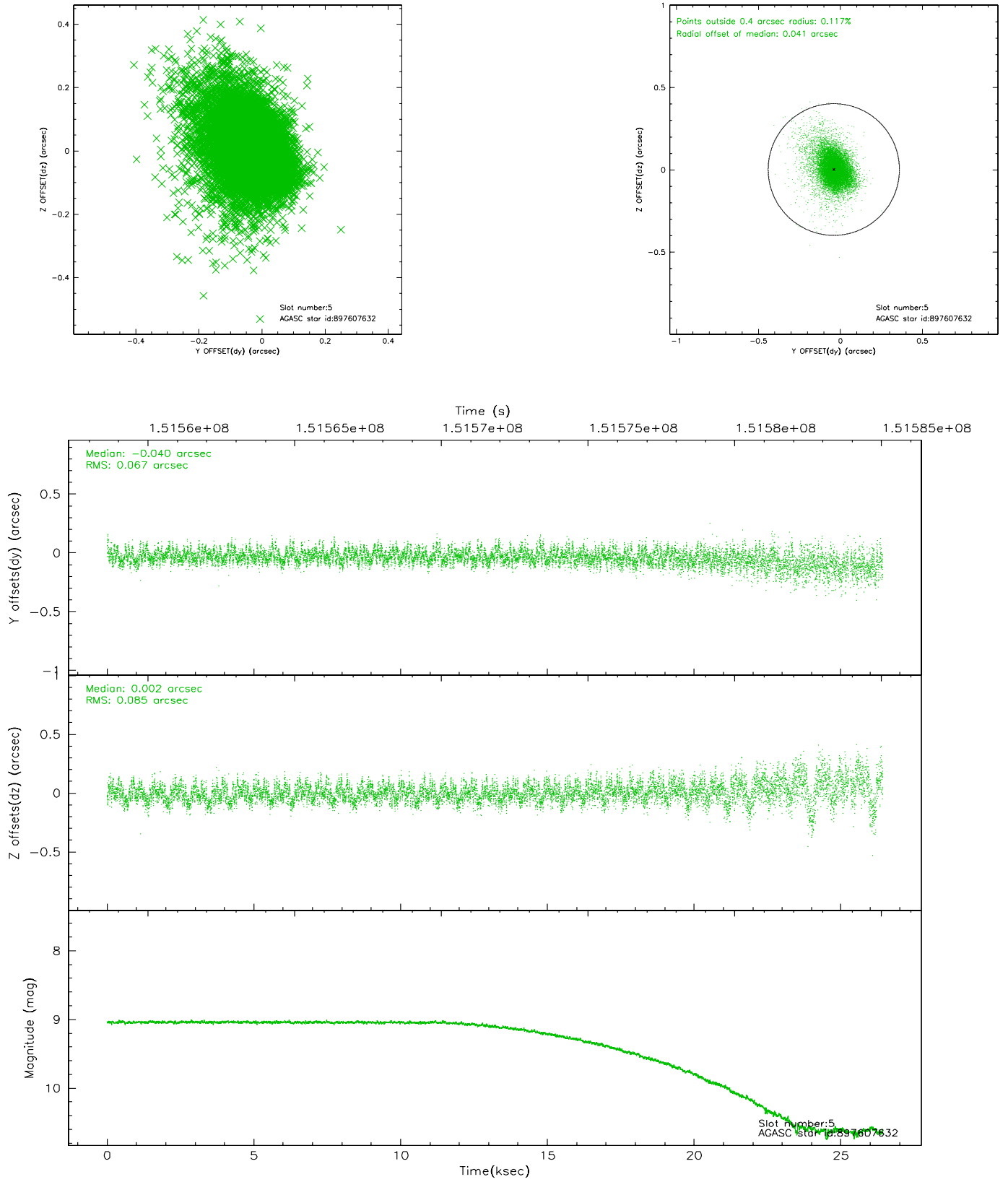
2.4.1 Slot 3



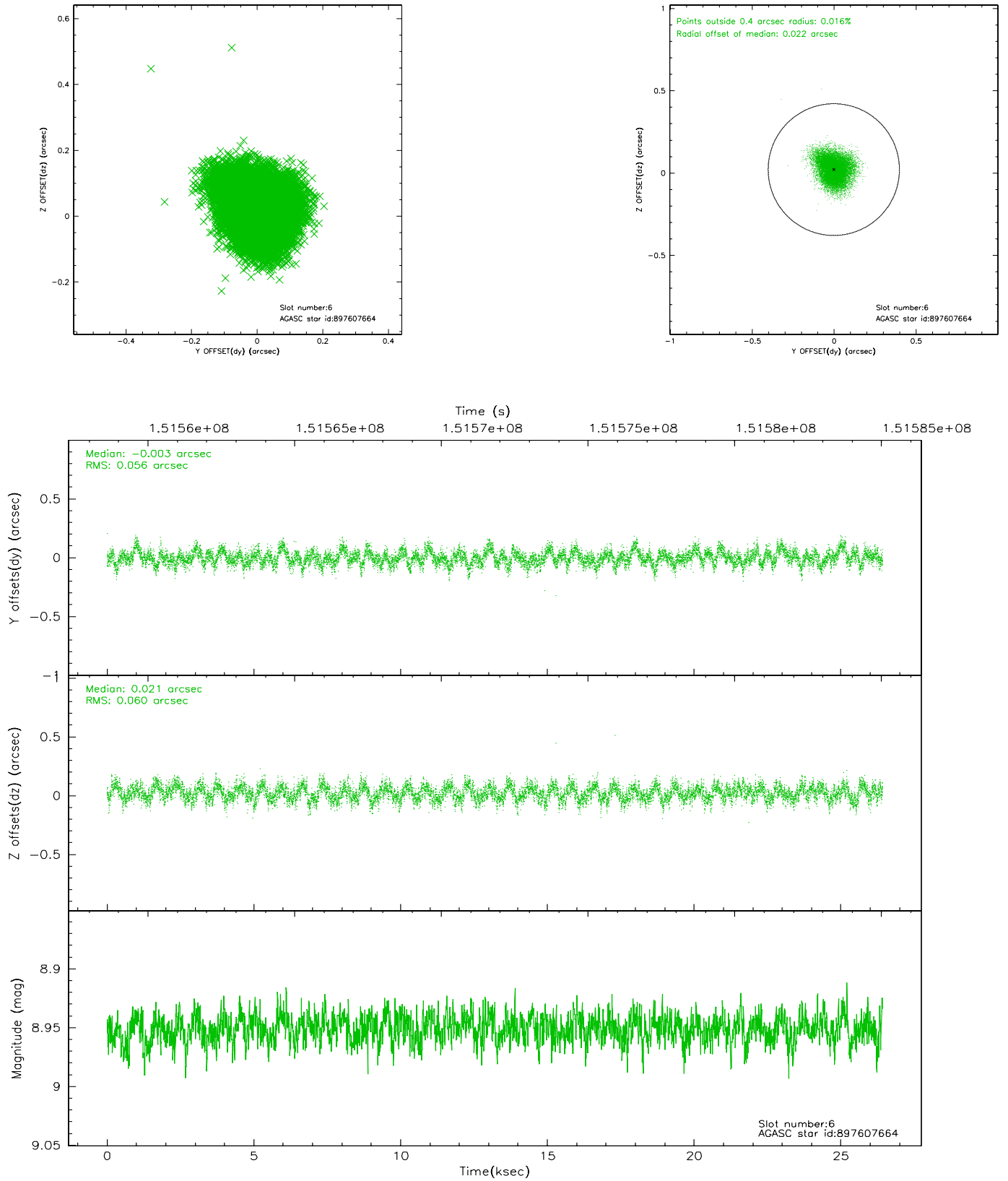
2.4.2 Slot 4



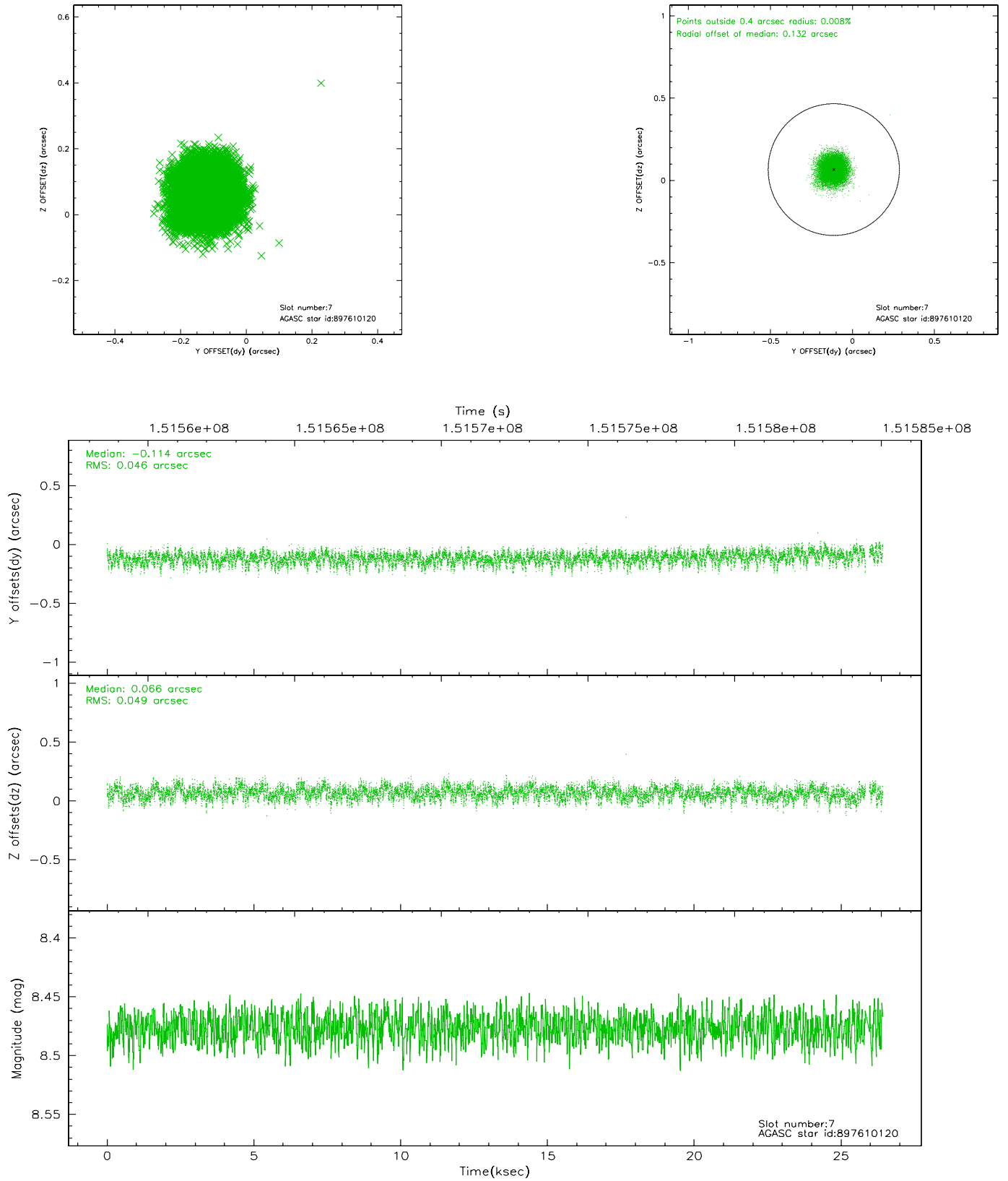
2.4.3 Slot 5



2.4.4 Slot 6

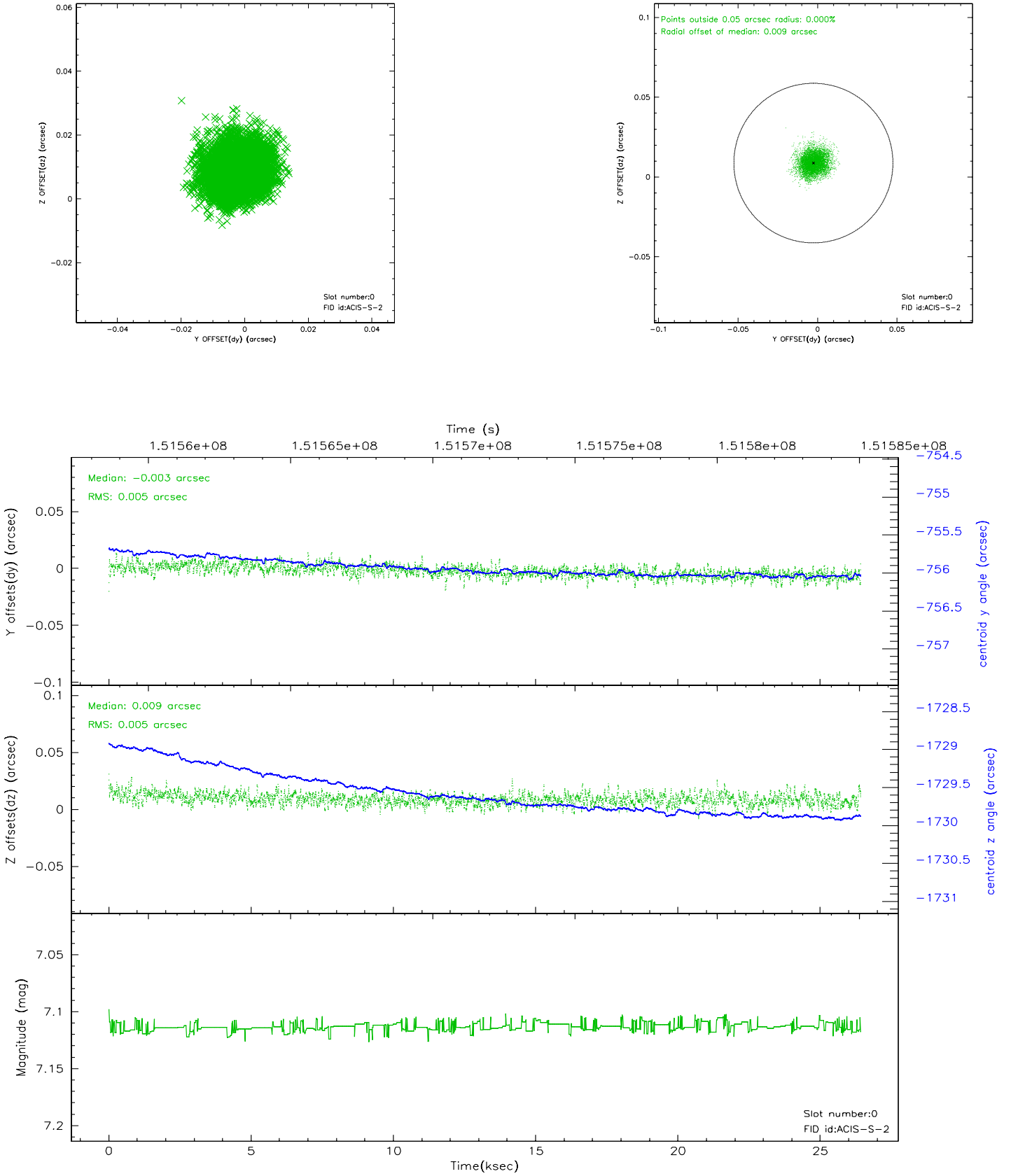


2.4.5 Slot 7

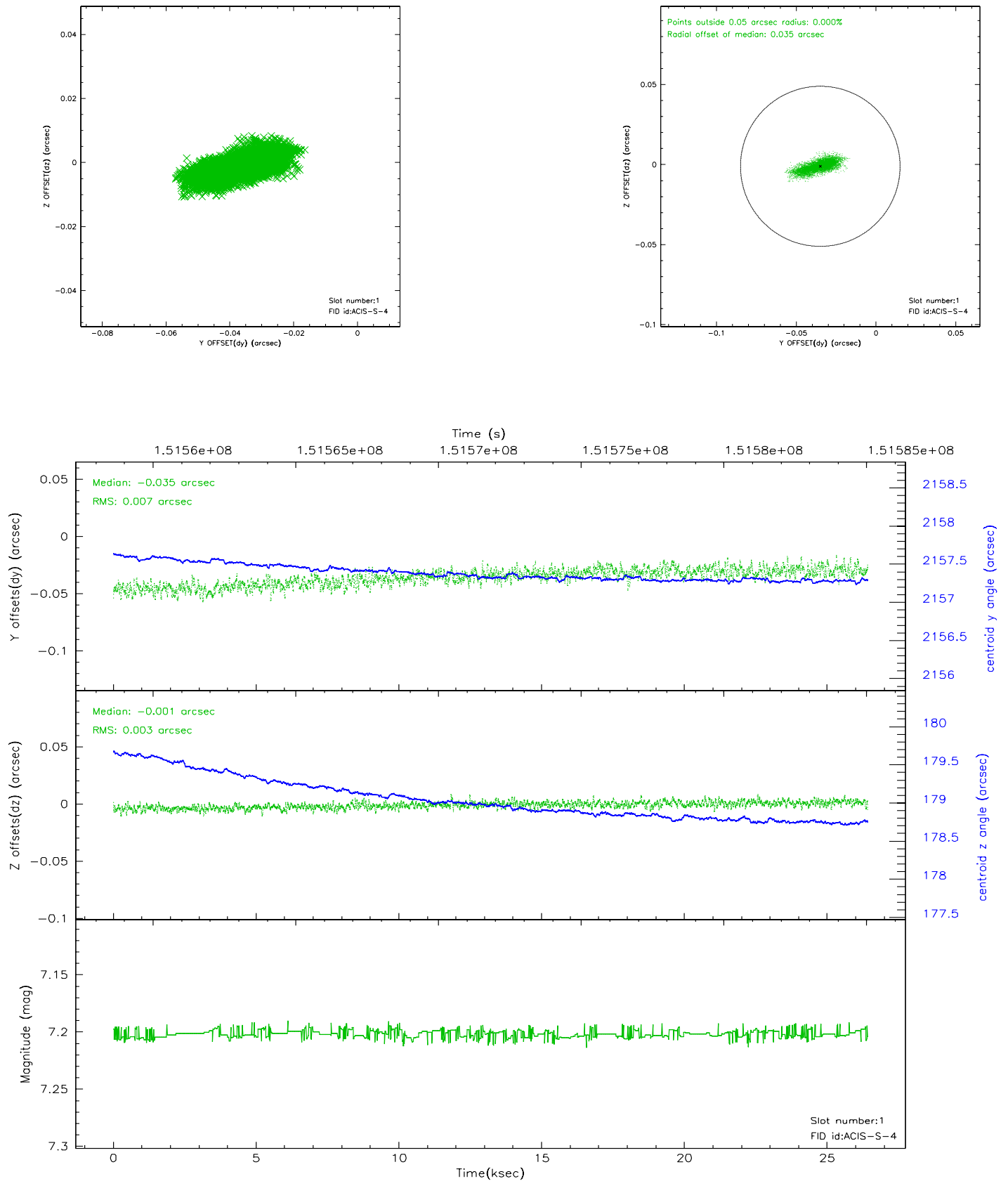


2.5 FID Slots

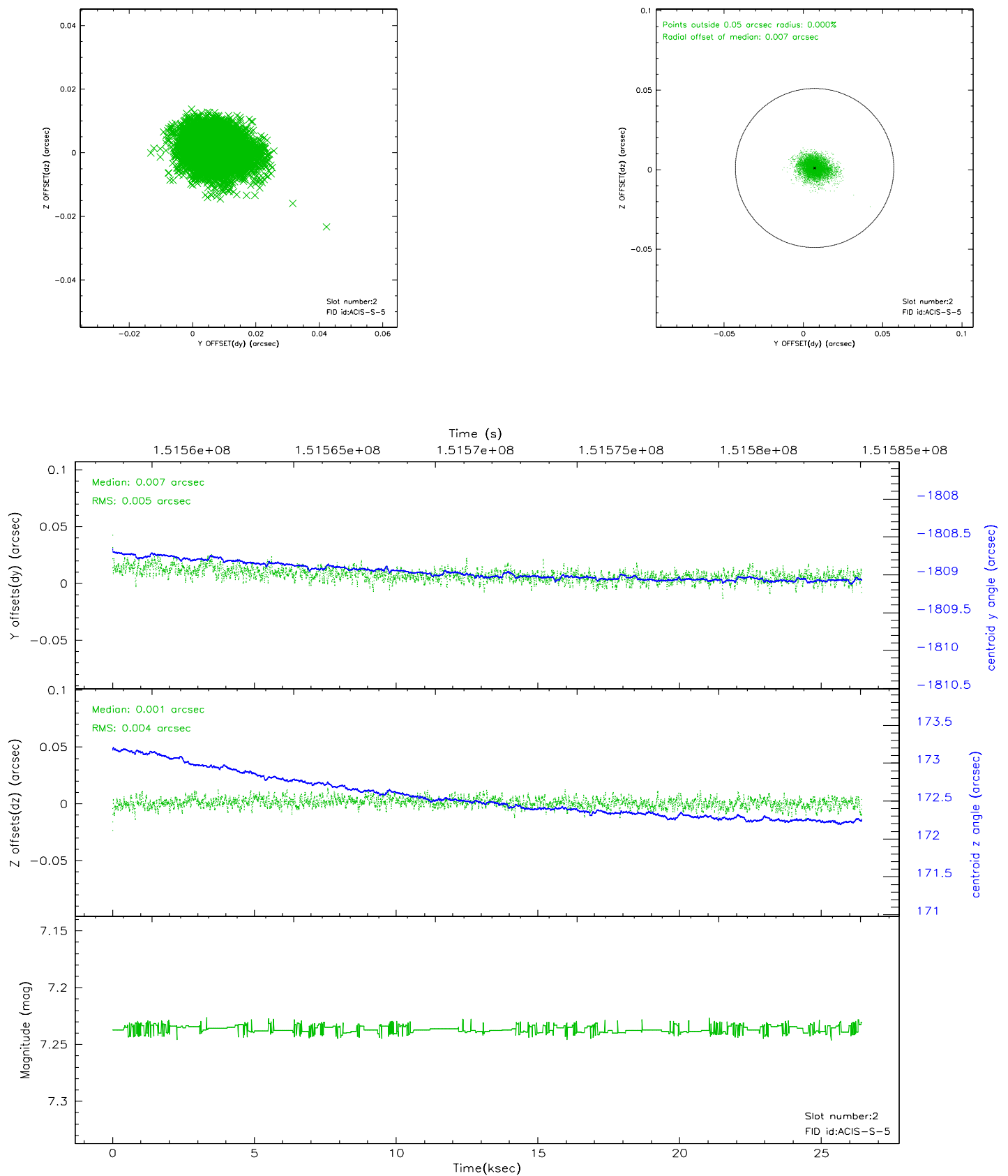
2.5.1 Slot 0



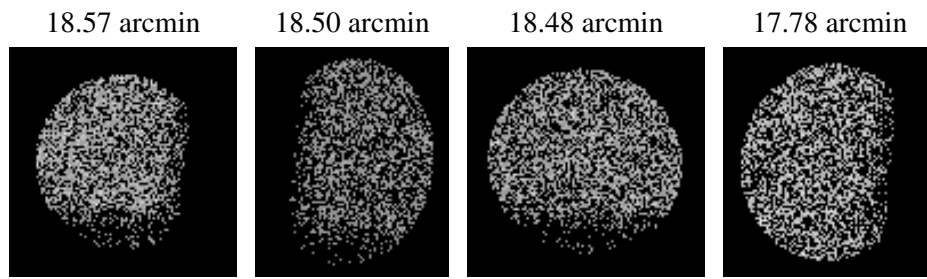
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.583

A.2 Comments

Window preference met. Roll preference met.