

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1967 - L2 Version 001
Chandra X-Ray Center

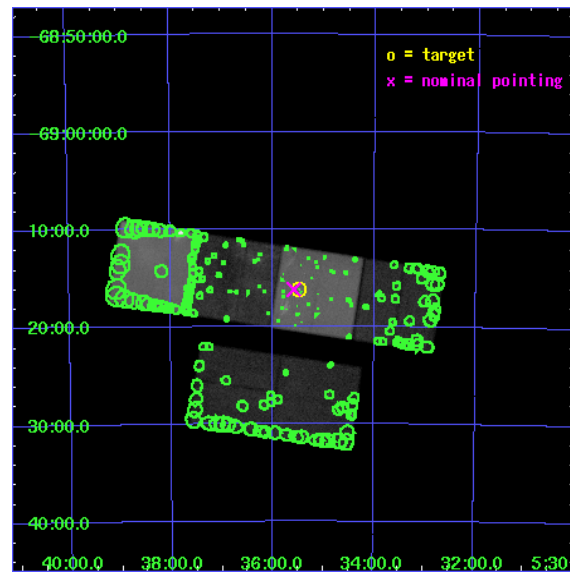
L2 Processing Date : Jun 20 2007

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1 Front

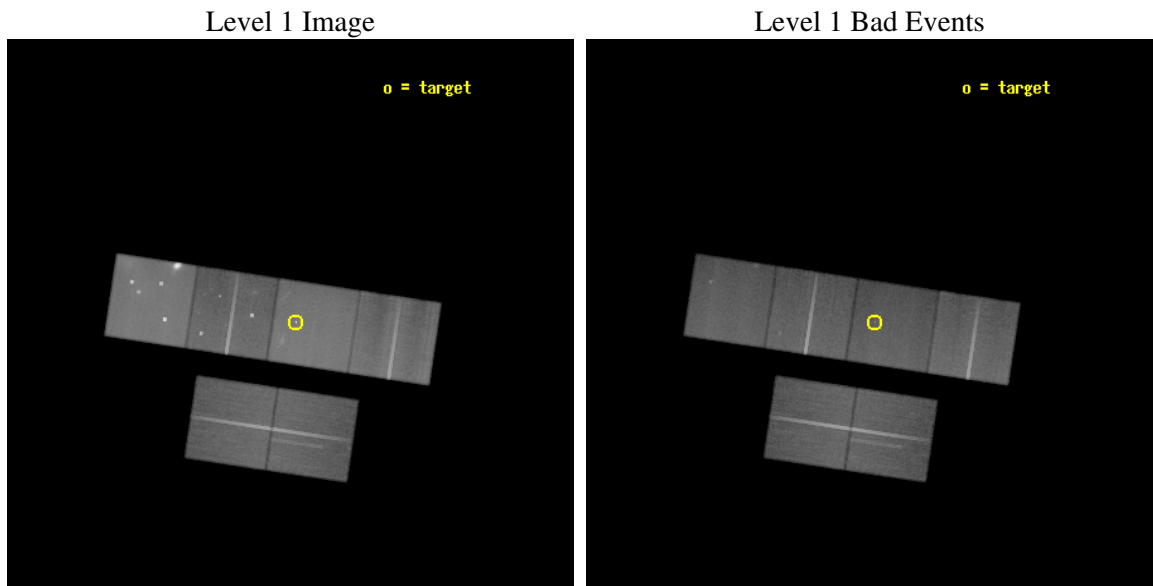
seq_num	500144
obs_id	1967
title	X-RAY IMAGING OF THE NEWBORN REMNANT OF SN1987A
observer	Dr. Richard McCray
object	SNR 1987A
dtcycle	0
cycle	P
ra_targ	83.866667
dec_targ	-69.26975
ra_nom	83.894478408127
dec_nom	-69.270068414183
roll_nom	8.5543021215975
revision	2
ontime	100022.40009315
livetime	98755.856236915
ontime2	100012.67722243
ontime3	100019.15913291
ontime5	100022.40009315
ontime6	100022.40009315
ontime7	100022.40009315
ontime8	100022.40009315
l2events	1359180



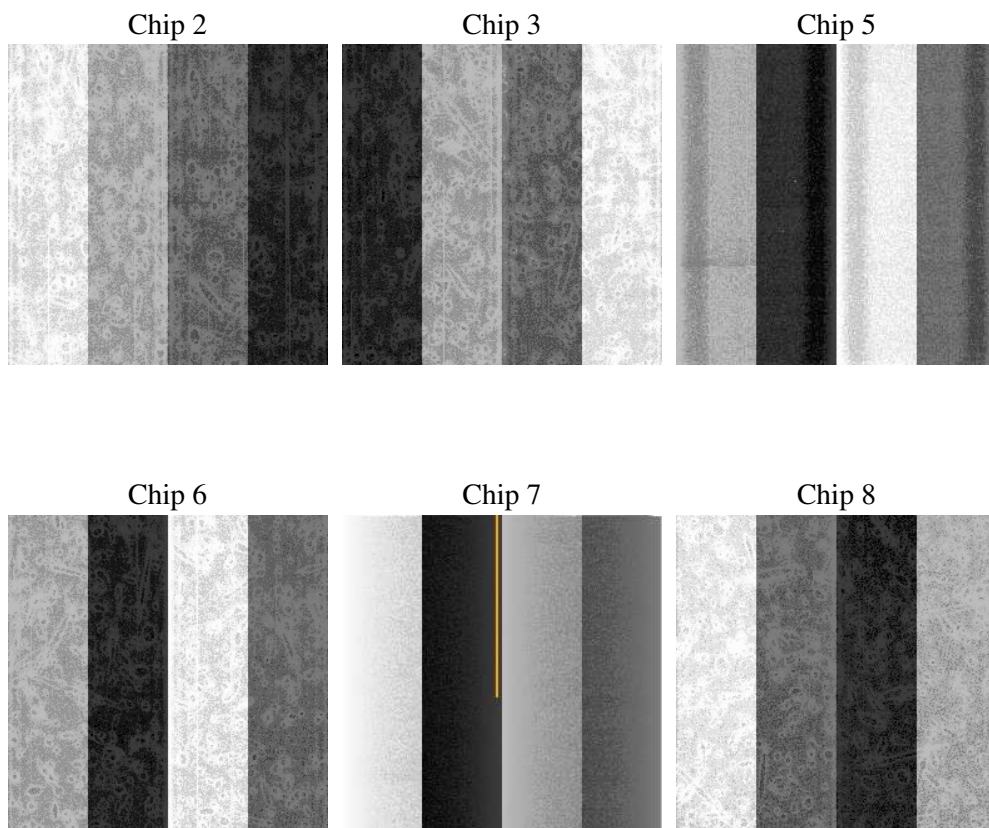
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldsver	3.4.0
date	2007-06-20T01:05:12
revision	2

sched_exp_time	100000.000000
ontime	100022.40009315
ontime2	100012.67722243
ontime3	100019.15913291
ontime5	100022.40009315
ontime6	100022.40009315
ontime7	100022.40009315
ontime8	100022.40009315
l1events	4610741

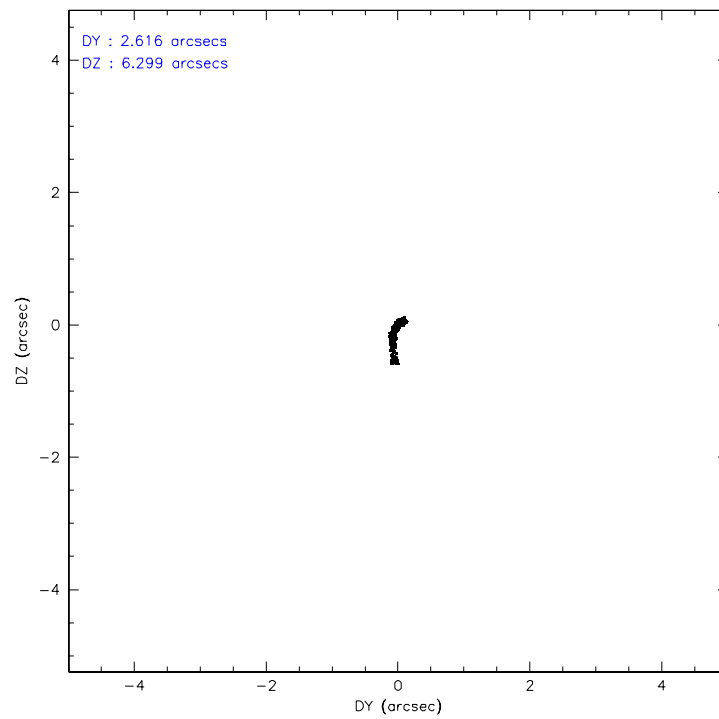
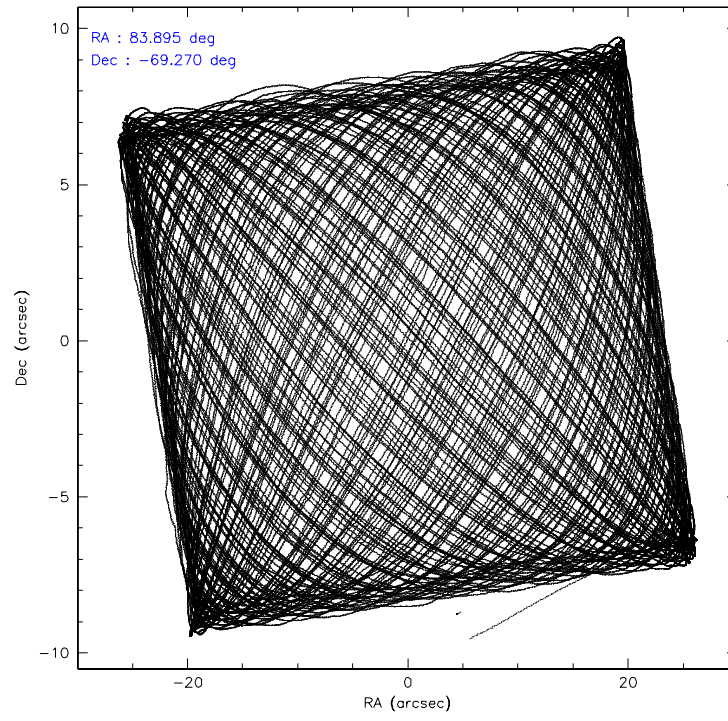
2.1.4 Events

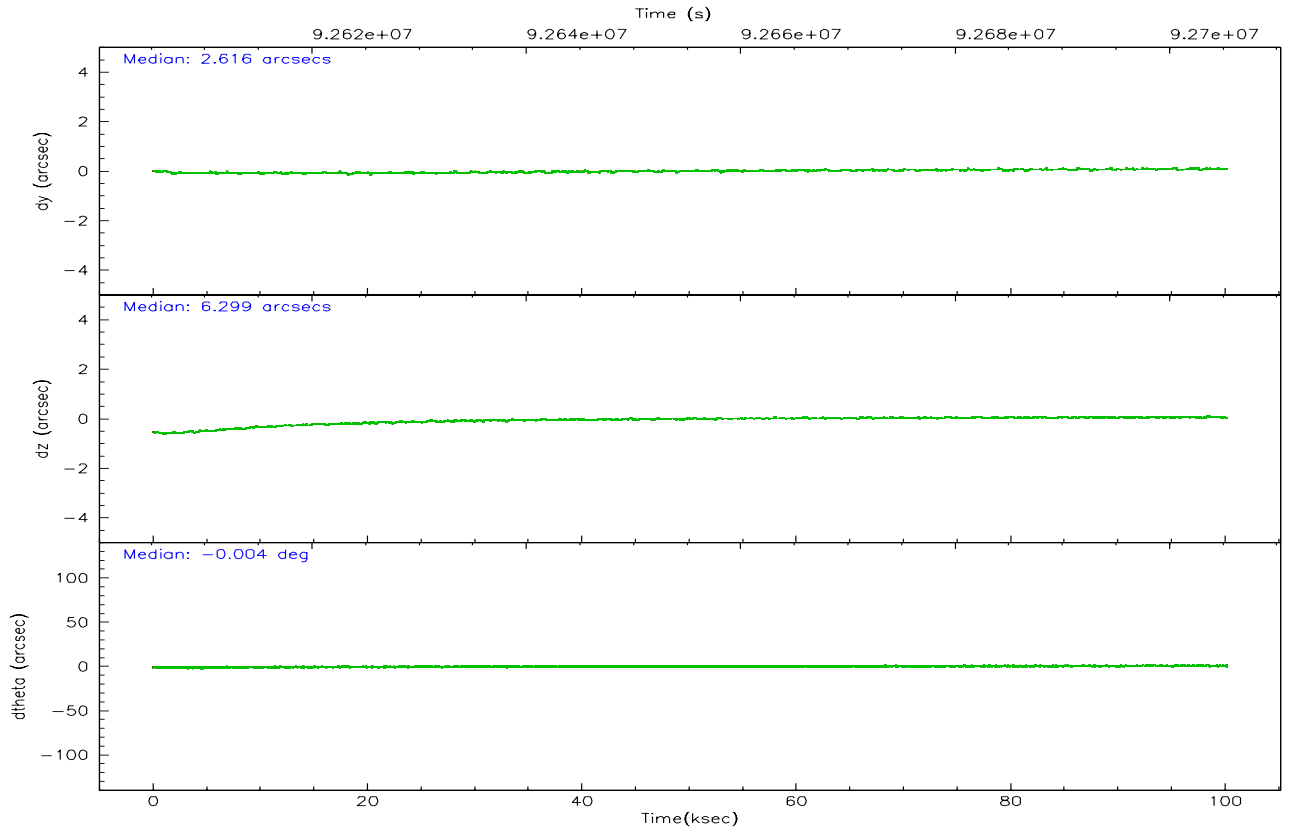
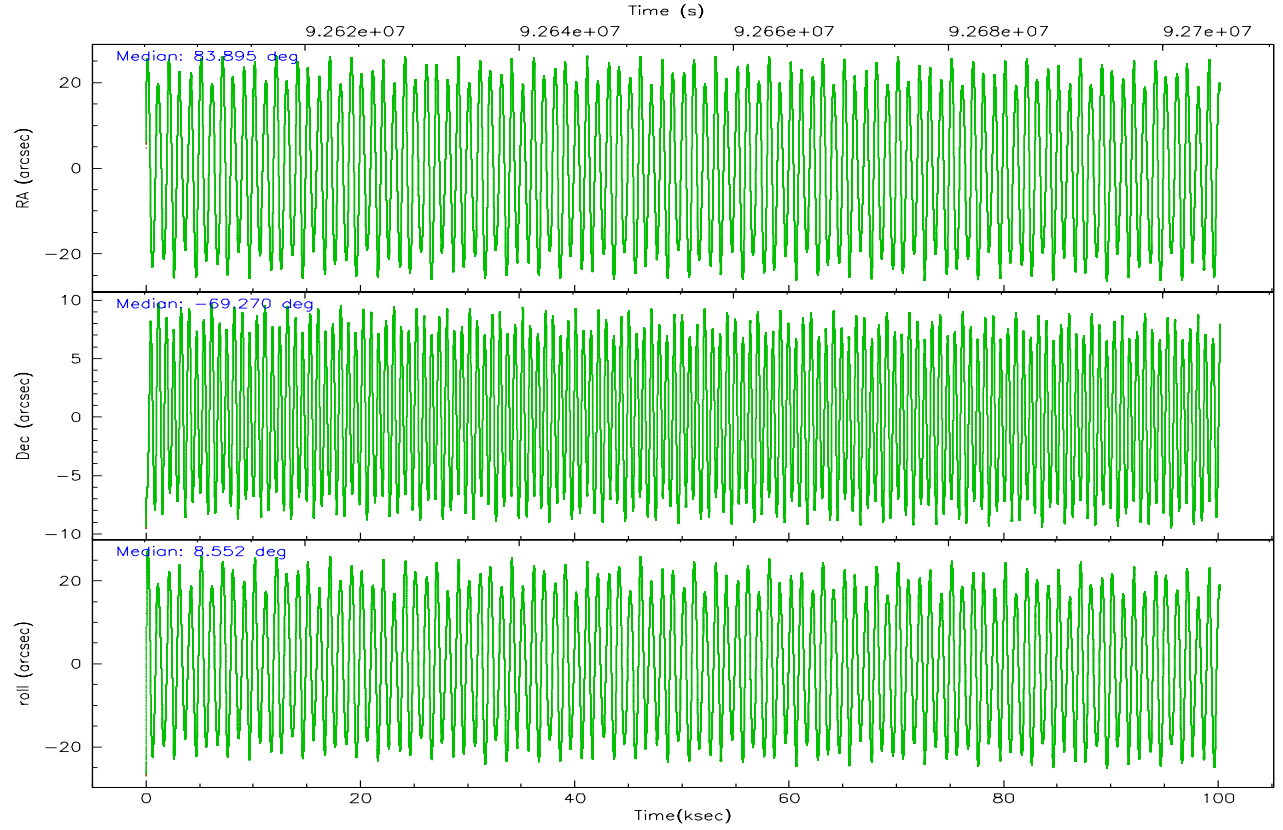
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	621176	589280	1059221	659166	911681	770217	grade 0 events	46625	41035	139676	85330	68805	72672
rejected events	532738	506894	448981	525151	434243	582769		7%	6%	13%	12%	7%	9%
rejected %	85%	86%	42%	79%	47%	75%	grade 1 events	324	300	1967	536	732	496
								0%	0%	0%	0%	0%	0%
							grade 2 events	16348	15418	162721	18870	97873	35307
								2%	2%	15%	2%	10%	4%
							grade 3 events	6446	6567	34757	7609	44507	20222
								1%	1%	3%	1%	4%	2%
							grade 4 events	6491	6683	33861	7710	43936	18889
								1%	1%	3%	1%	4%	2%
							grade 5 events	20197	21922	63163	24644	72165	30711
								3%	3%	5%	3%	7%	3%
							grade 6 events	12534	12687	239256	14501	222339	40367
								2%	2%	22%	2%	24%	5%
							grade 7 events	512211	484668	383820	499966	361324	551553
								82%	82%	36%	75%	39%	71%

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	83.834416	83.89447840812679	Subarray requested	NONE	NONE
Pointing Dec	-69.287257	-69.27006841418309	Alternating exposures requested	N	N
Pointing Roll	8.341501	8.554302121597525	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	92605374.184000	92604378.496319			
Observation start date	2000-12-07T19:41:50	2000-12-07T19:26:18			
Observation end time	92705374.184000	92706645.312727			
Observation end date	2000-12-08T23:28:30	2000-12-08T23:50:45			
Read mode	TIMED	TIMED			

2.3 Aspect



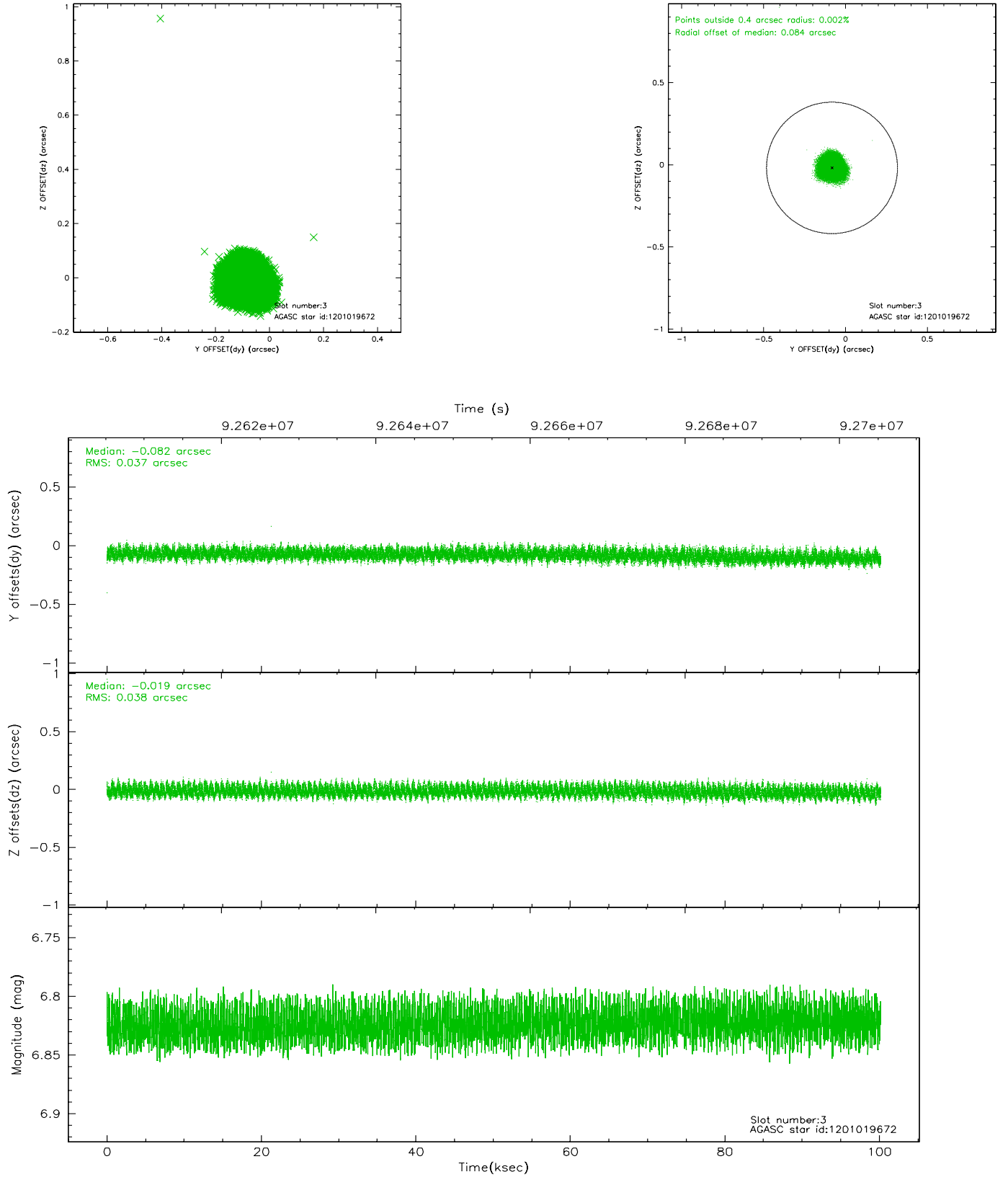


Slot Statistics

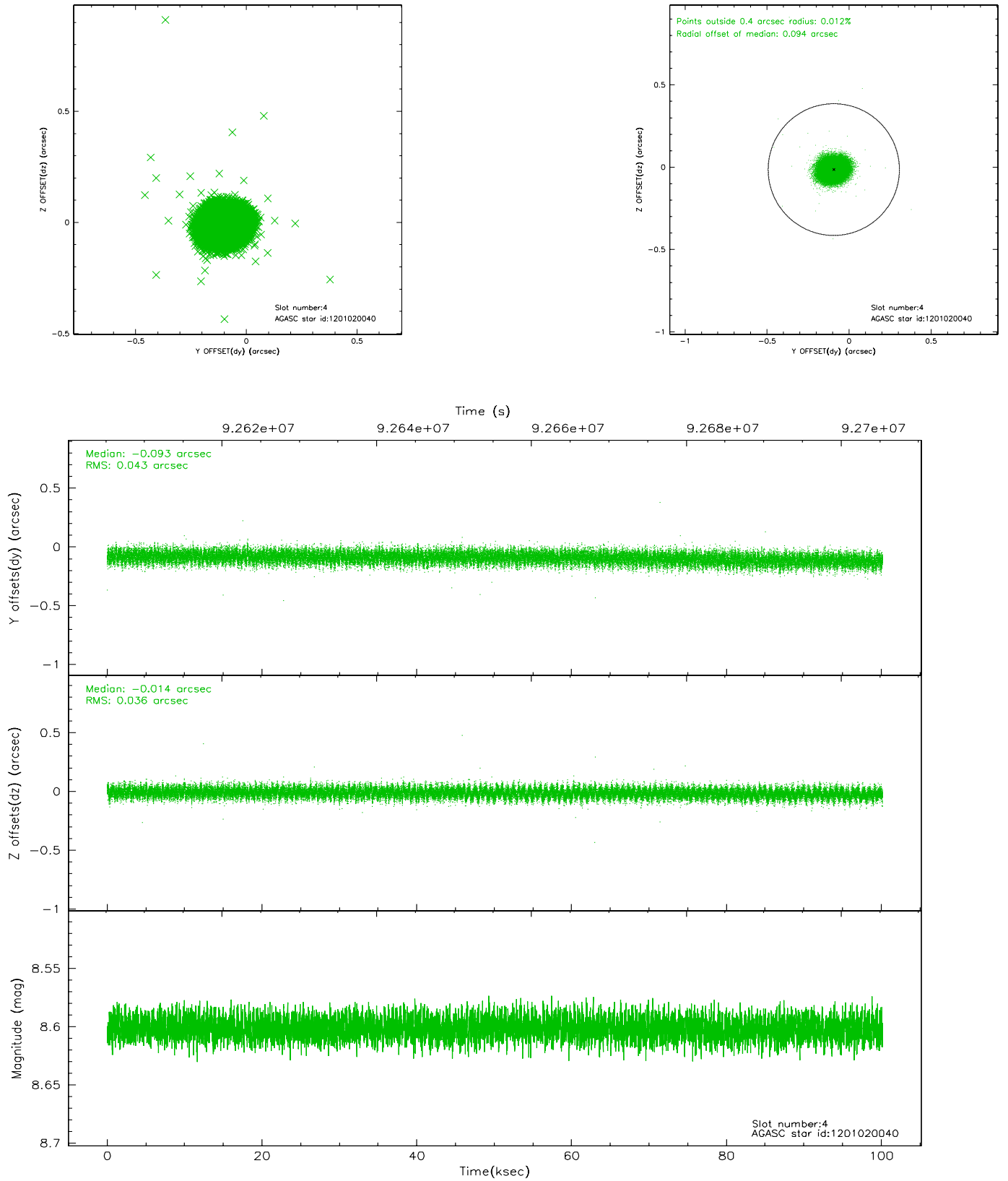
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-3	7.36	24432	-0.090	-0.048	0.011	0.020	0.000000	0.000000	57.86	-1856.43
1	FID	ACIS-S-4	7.21	24431	-0.016	0.070	0.010	0.026	0.000000	0.000000	2158.08	181.31
2	FID	ACIS-S-5	7.24	24434	0.079	-0.012	0.011	0.022	0.000000	0.000000	-1808.12	174.81
3	GUIDE	1201019672	6.82	48872	-0.082	-0.019	0.057	0.087	85.312192	-68.770187	2172.18	1539.67
4	GUIDE	1201020040	8.60	48867	-0.093	-0.014	0.059	0.096	85.379163	-68.879396	2191.45	1137.45
5	GUIDE	1201406184	7.90	48803	-0.089	0.049	0.071	0.115	82.503234	-69.975517	-1985.85	-2231.03
6	GUIDE	1201017288	9.74	48849	0.095	0.003	0.106	0.172	84.358094	-68.728983	967.57	1886.60
7	GUIDE	1201410616	9.32	48849	0.168	-0.016	0.100	0.157	82.516808	-69.784406	-1883.90	-1550.41

2.4 Star Slots

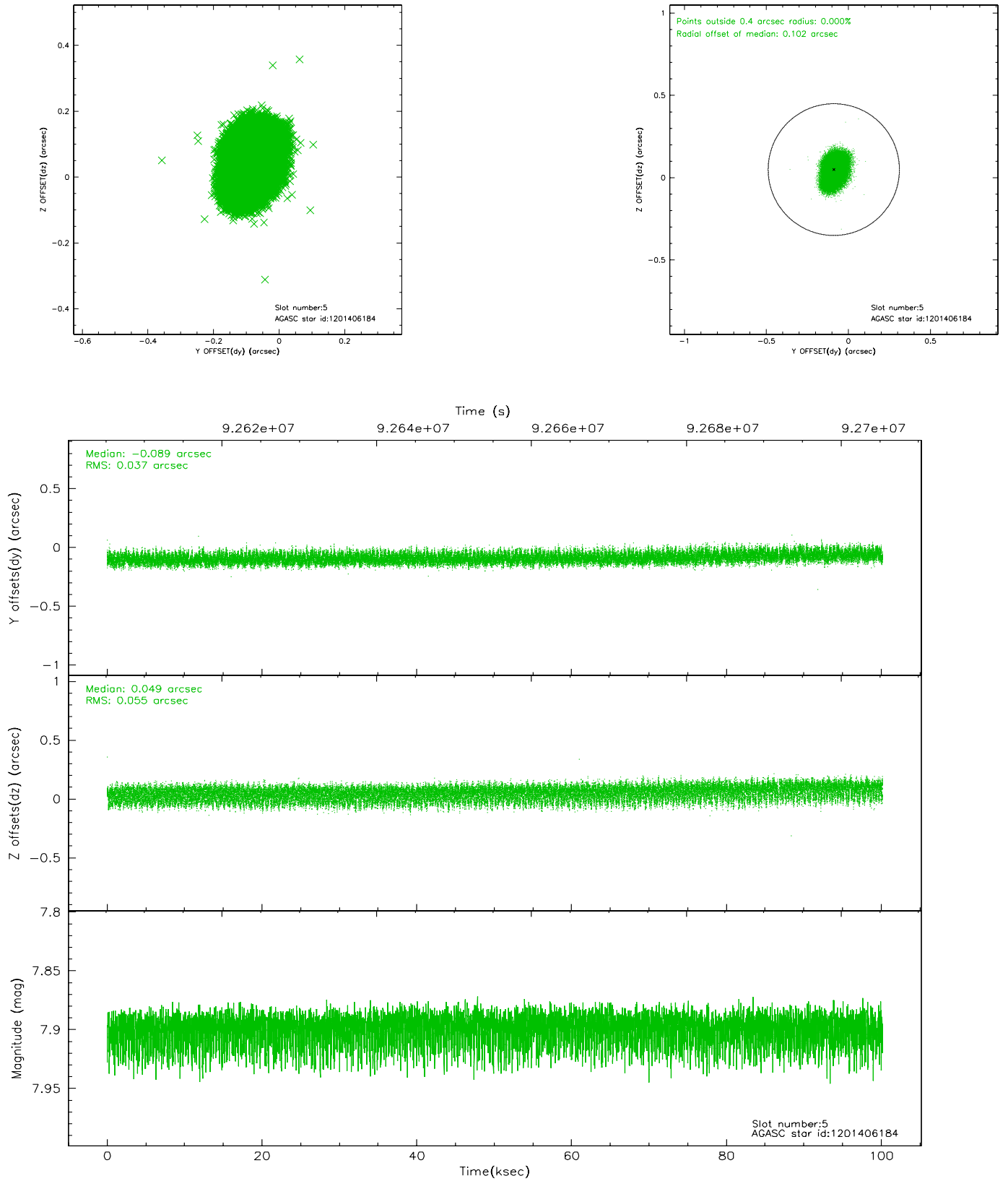
2.4.1 Slot 3



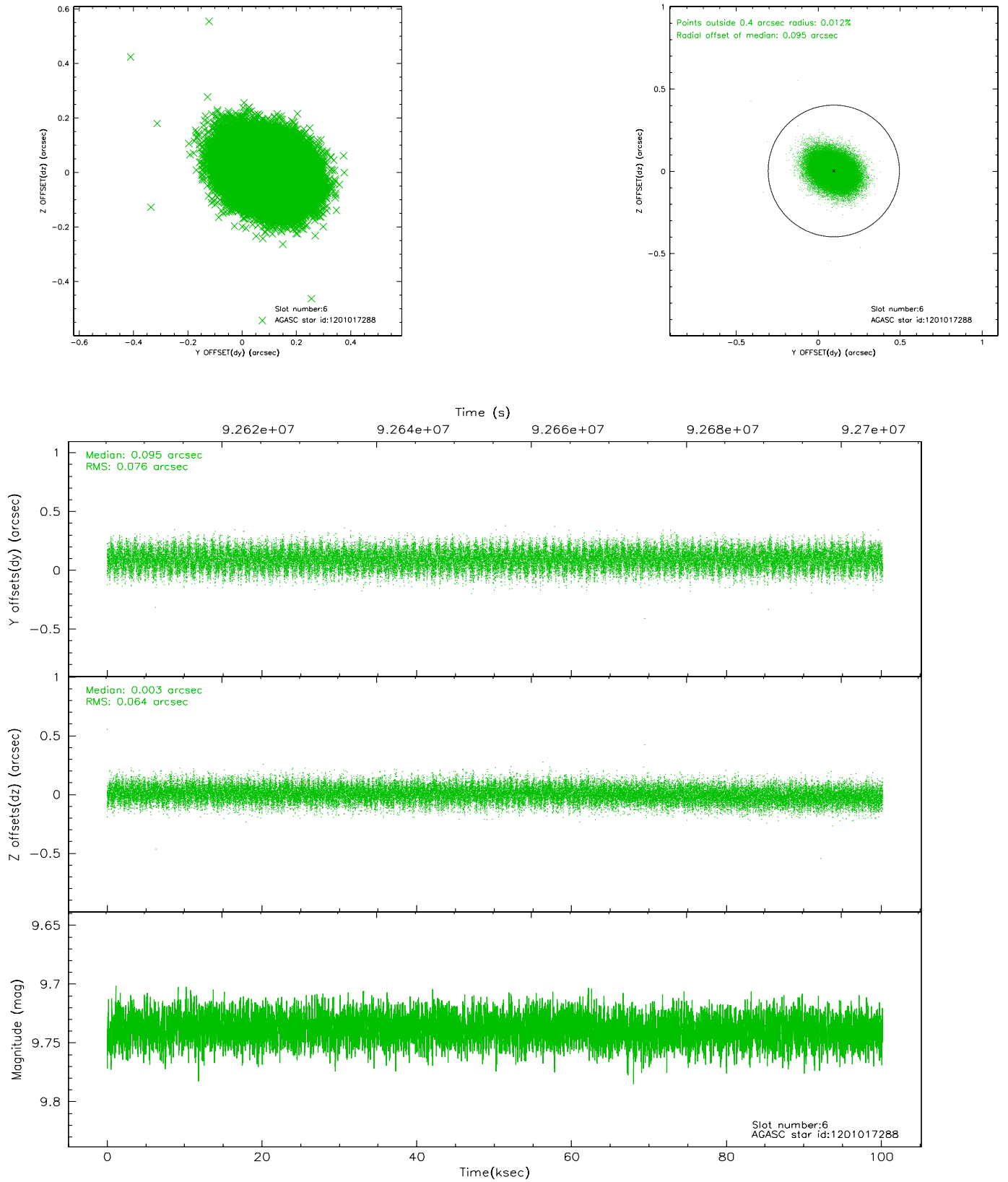
2.4.2 Slot 4



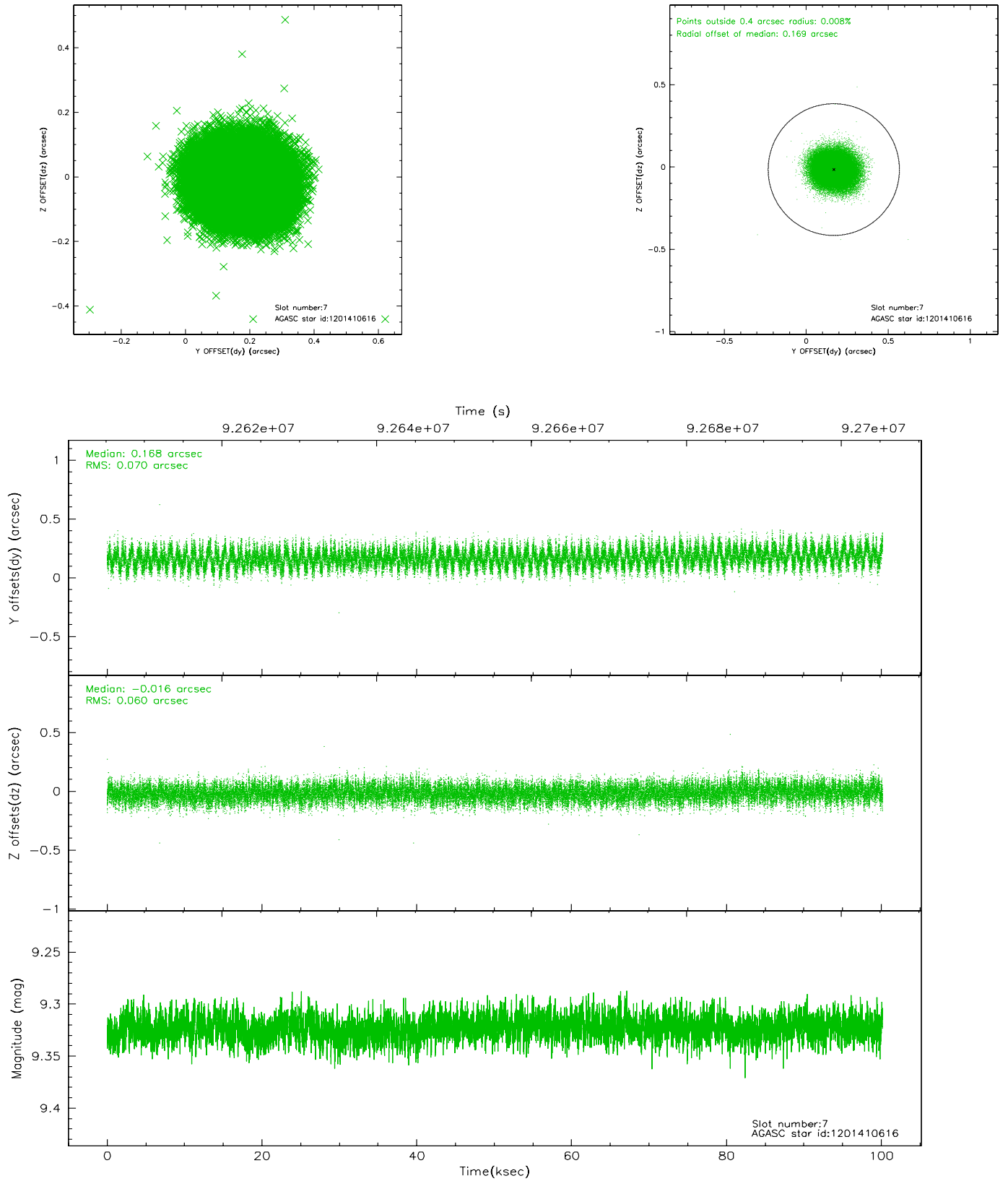
2.4.3 Slot 5



2.4.4 Slot 6

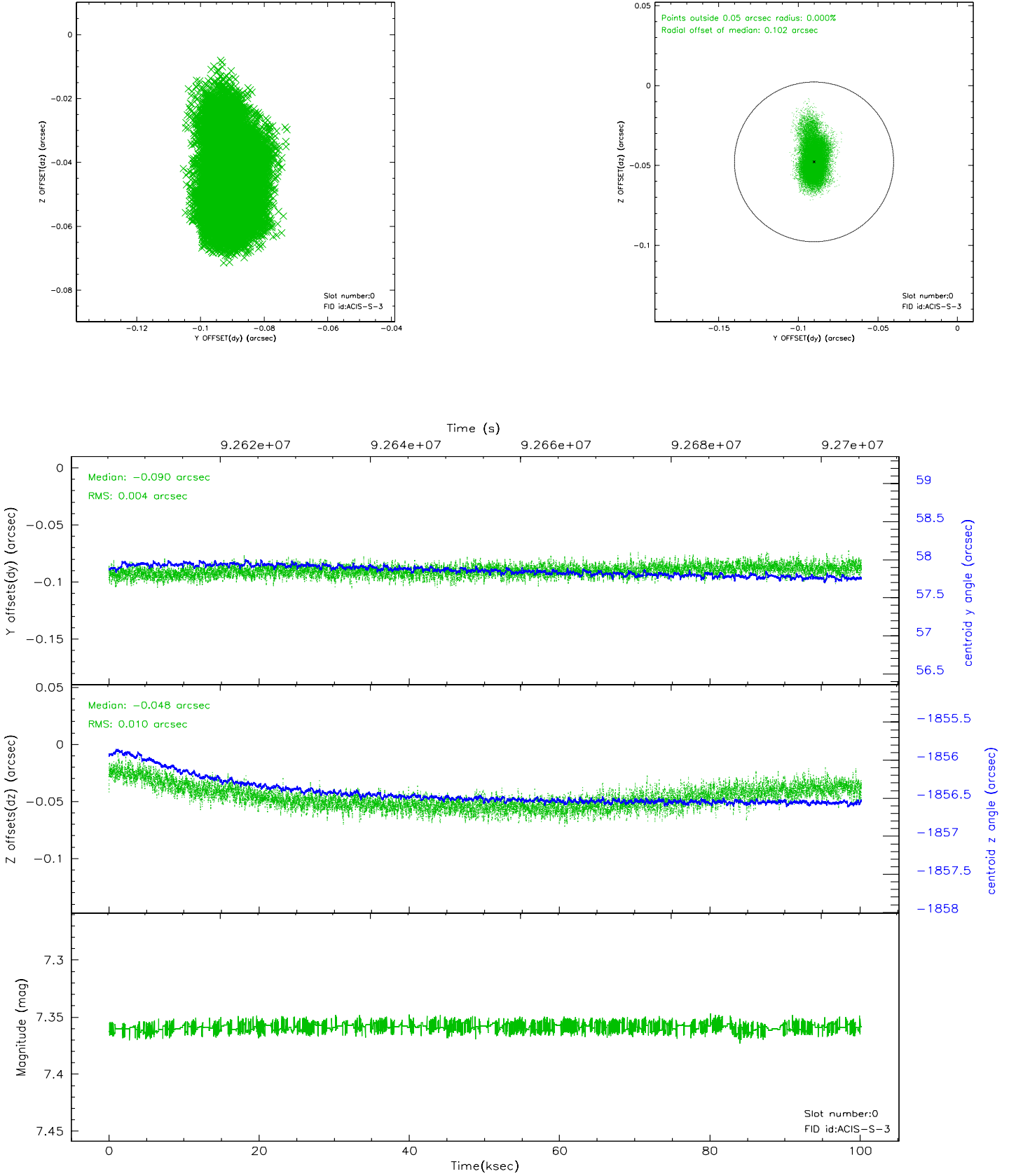


2.4.5 Slot 7

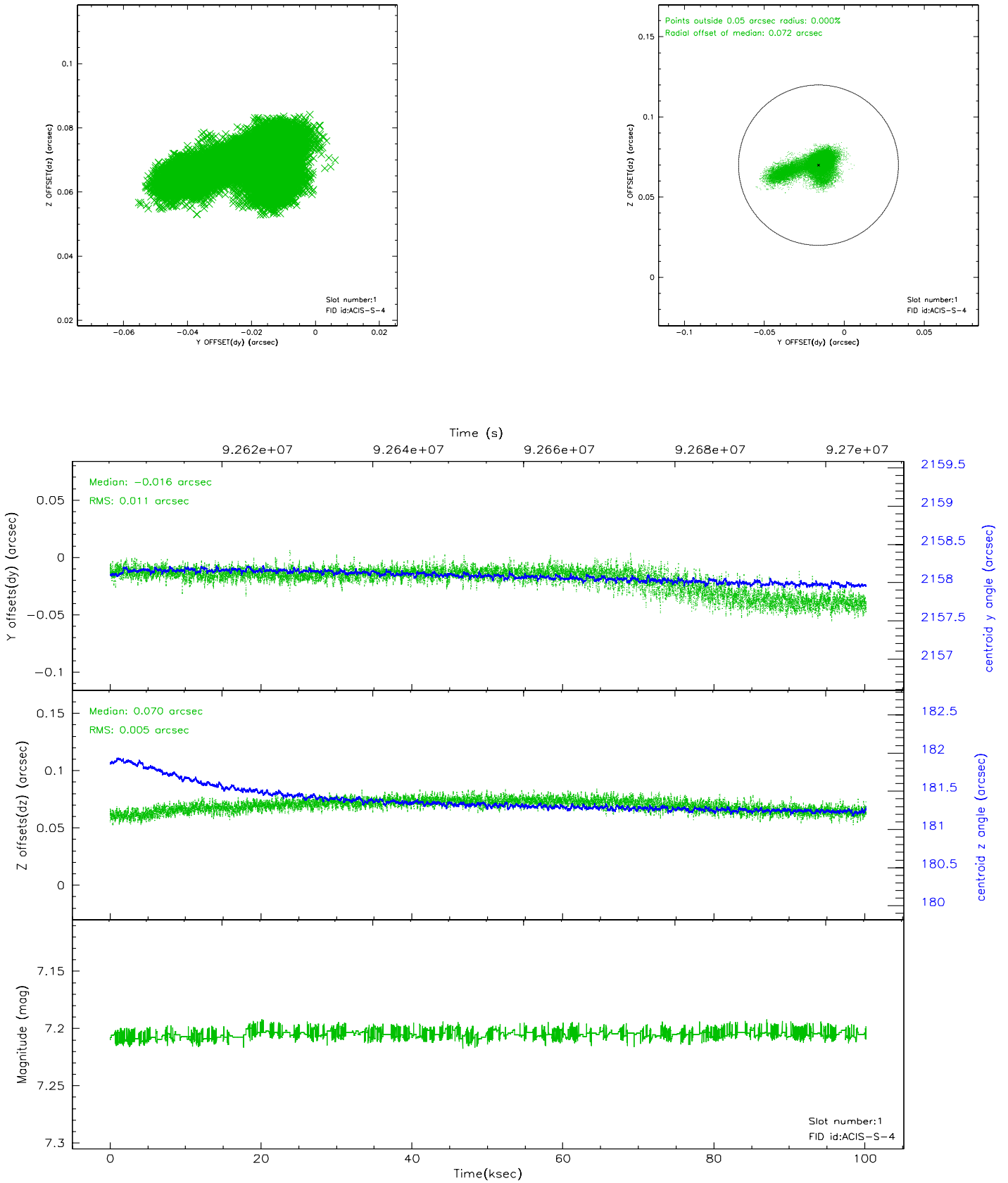


2.5 FID Slots

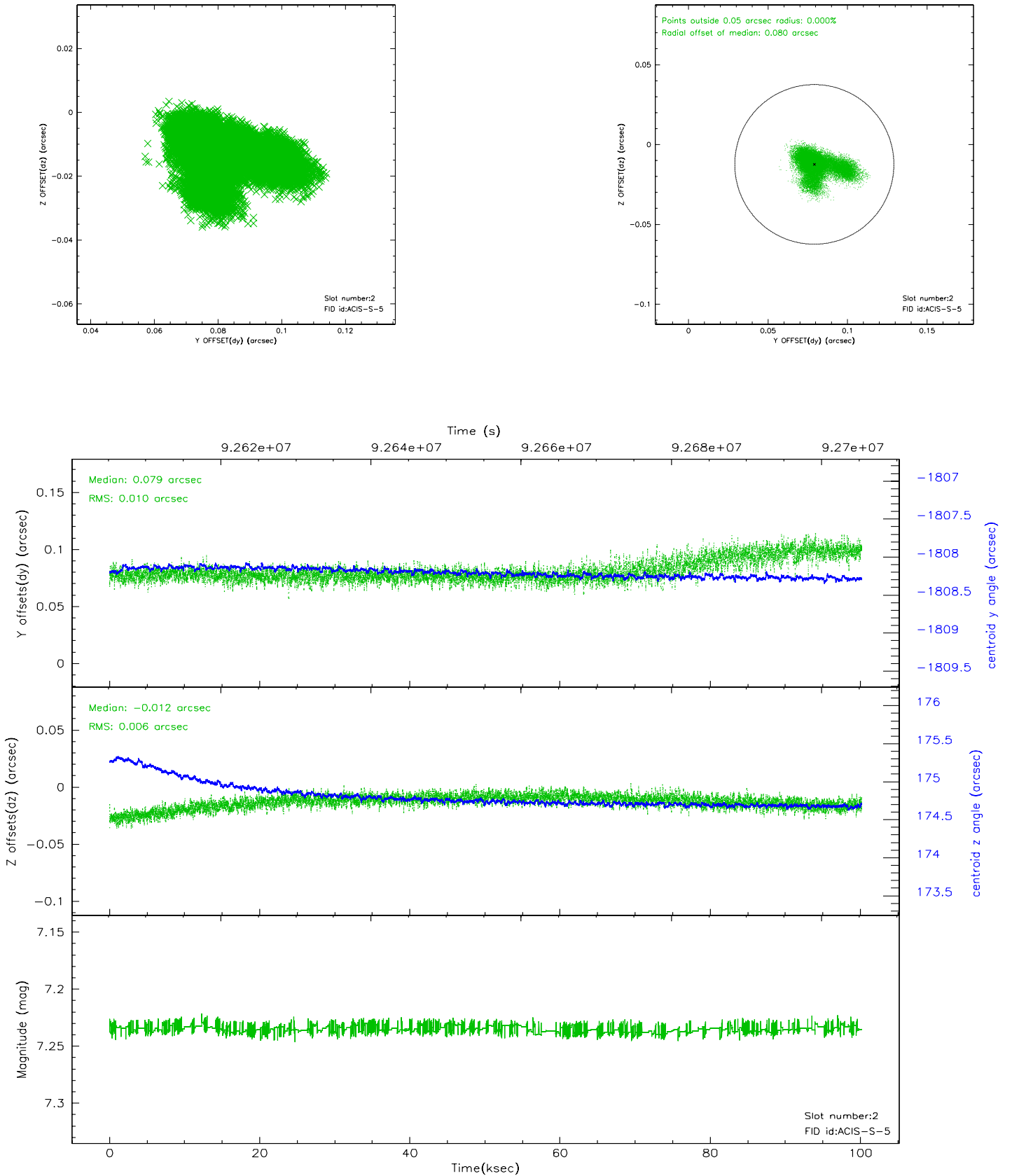
2.5.1 Slot 0



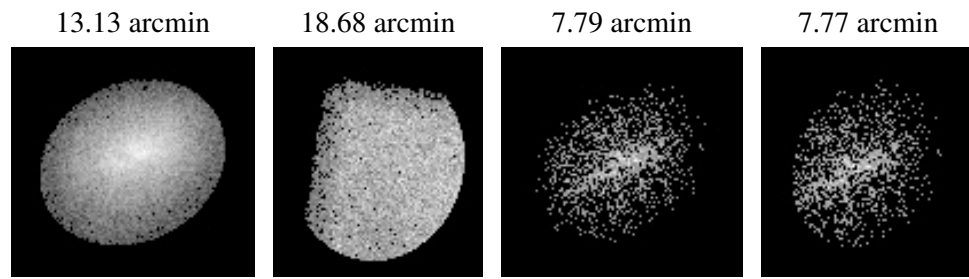
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	100.025

A.2 Comments