

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3134 - L2 Version 001
Chandra X-Ray Center

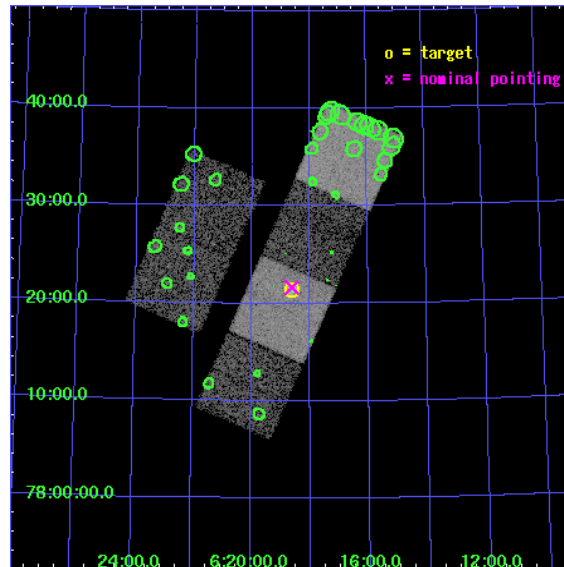
L2 Processing Date : Oct 11 2006

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1 Front

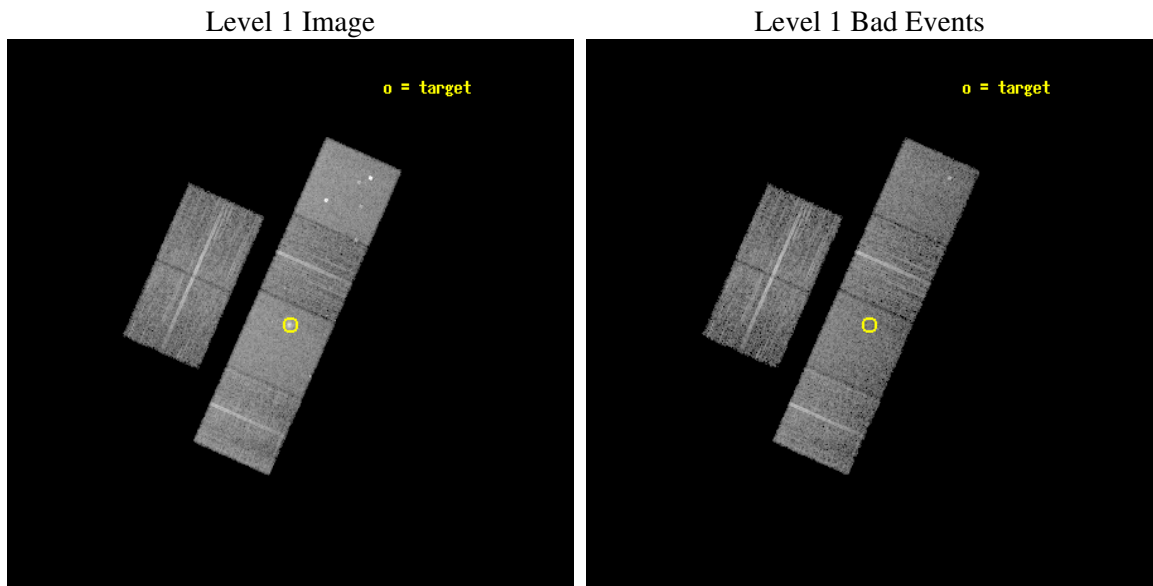
seq_num	700573
obs_id	3134
title	SEARCH FOR AN INTERMEDIATE MASS BLACK HOLE IN THE STARBURST GALAXY NGC2146
observer	Dr Hironori Matsumoto
object	NGC2146
dtcycle	0
cycle	P
ra_targ	94.655417
dec_targ	78.356556
ra_nom	94.654933129302
dec_nom	78.36087657264
roll_nom	113.84822167201
revision	2
ontime	9699.1999638677
livetime	9576.3828537681
ontime2	9699.1999638677
ontime3	9699.1999638677
ontime5	9699.1999638677
ontime6	9699.1999638677
ontime7	9699.1999638677
ontime8	9699.1999638677
l2events	92306



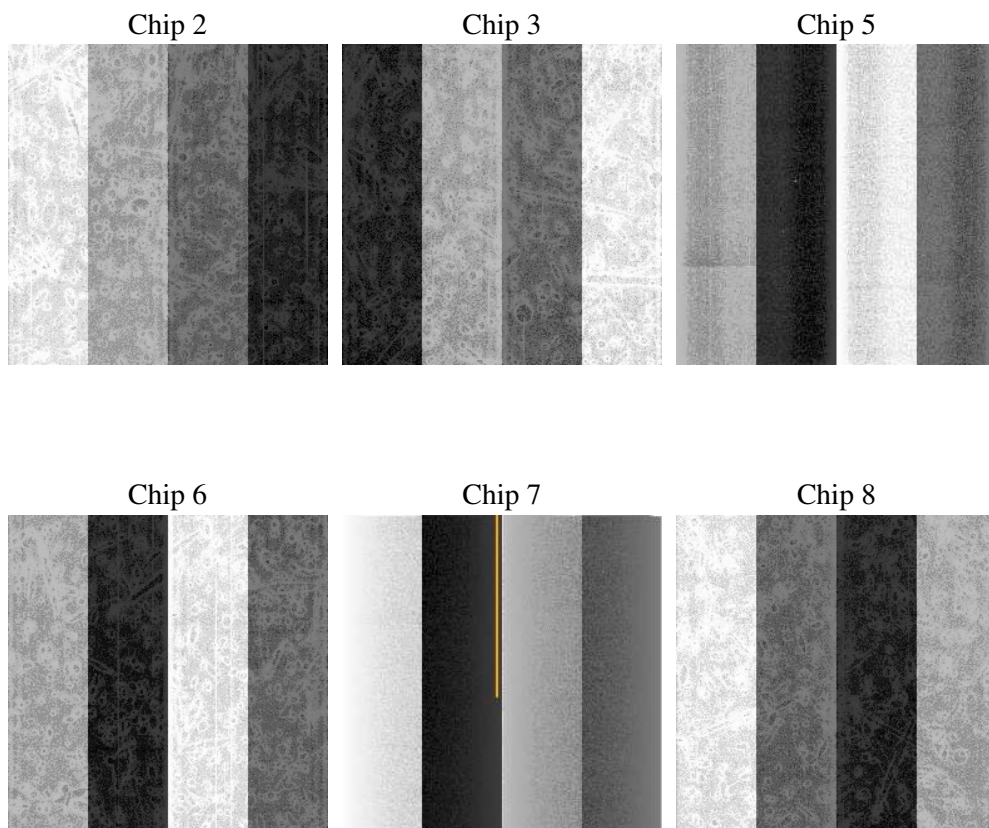
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-11T19:47:00
revision	2

sched_exp_time	10000.000000
ontime	9703.5557433367
ontime2	9703.5557433367
ontime3	9703.5557433367
ontime5	9703.5557433367
ontime6	9703.5557433367
ontime7	9703.5557433367
ontime8	9703.5557234287
l1events	424677

2.1.4 Events

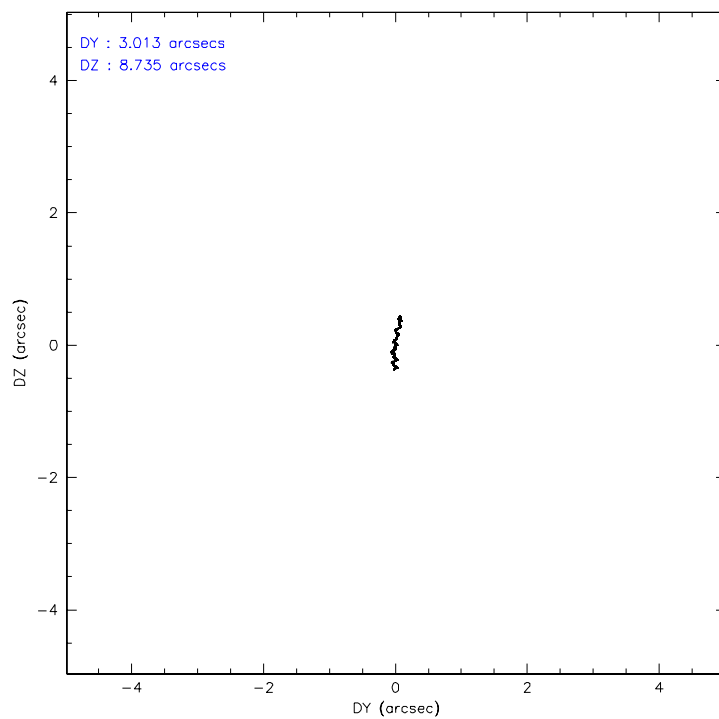
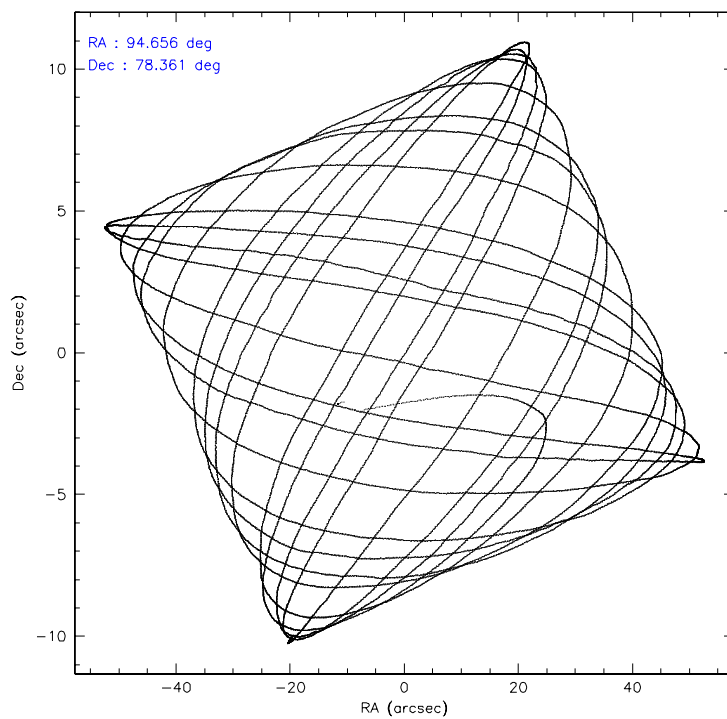
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	61169	56837	90075	60707	81501	74388
rejected events	54281	49642	48926	53658	49133	59175
rejected %	88%	87%	54%	88%	60%	79%

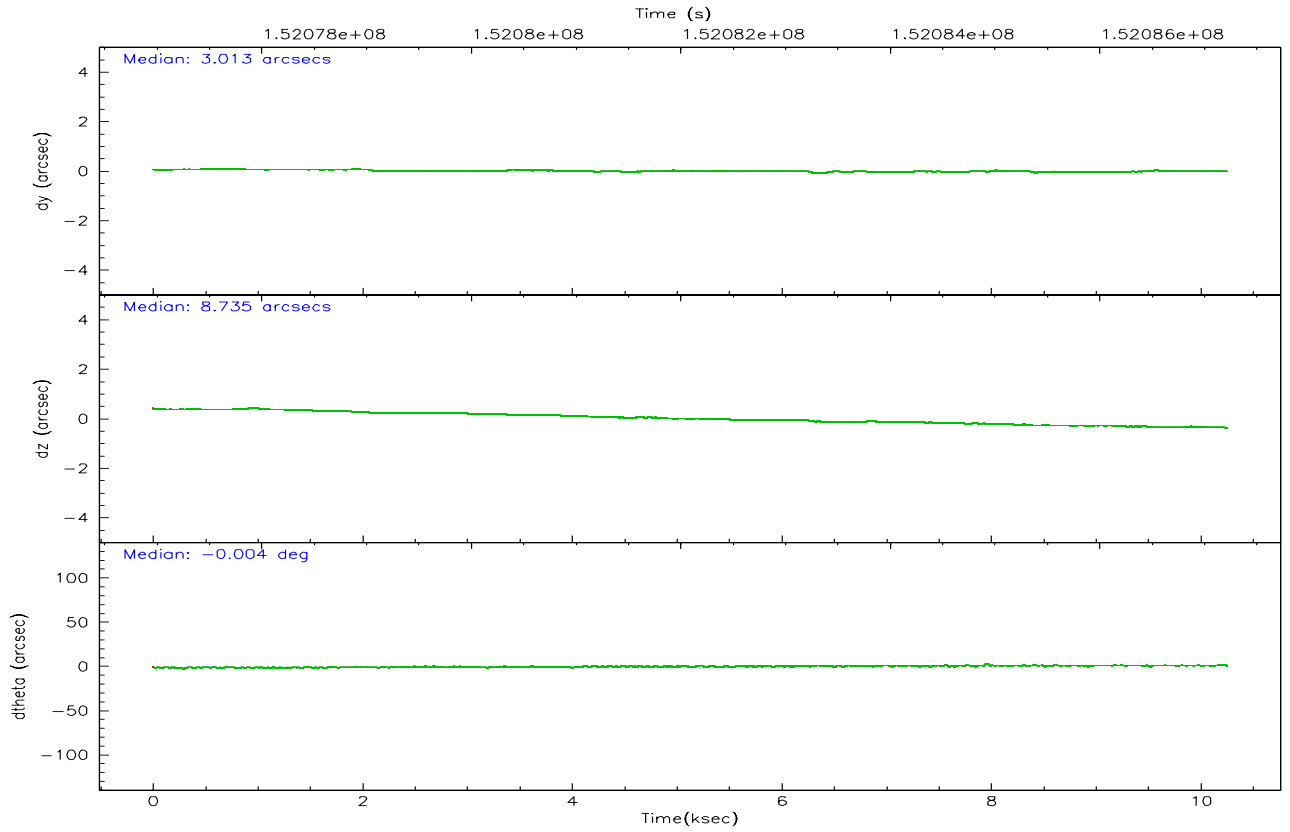
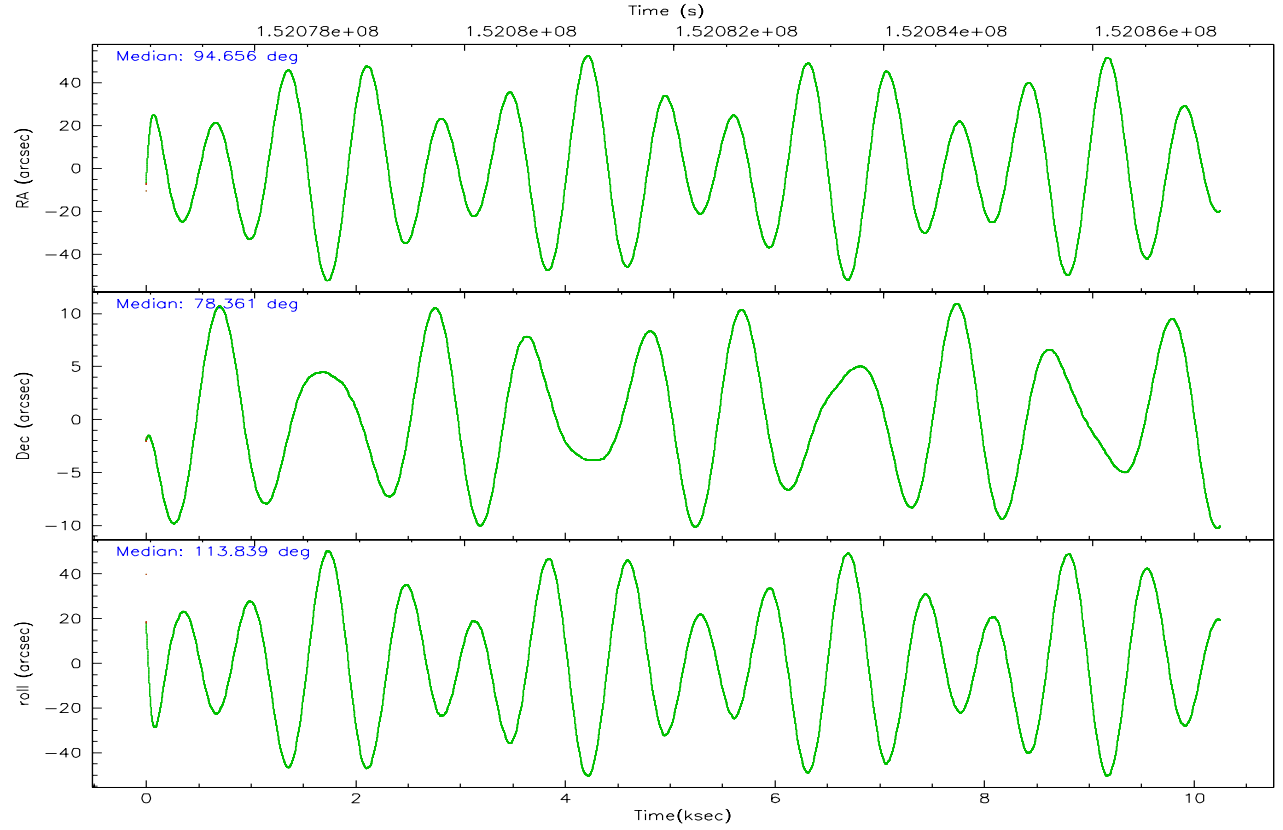
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3148	3250	4765	2815	2415	4743
	5%	5%	5%	4%	2%	6%
grade 1 events	37	37	129	22	43	44
	0%	0%	0%	0%	0%	0%
grade 2 events	1303	1329	12921	1408	8109	3212
	2%	2%	14%	2%	9%	4%
grade 3 events	631	702	857	747	1813	1707
	1%	1%	0%	1%	2%	2%
grade 4 events	684	698	811	704	1739	1570
	1%	1%	0%	1%	2%	2%
grade 5 events	2306	2461	4229	2640	5207	3310
	3%	4%	4%	4%	6%	4%
grade 6 events	1124	1217	21805	1376	18299	3987
	1%	2%	24%	2%	22%	5%
grade 7 events	51936	47143	44558	50995	43876	55815
	84%	82%	49%	84%	53%	75%

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	94.764882	94.65493312930199	Subarray requested	NONE	NONE
Pointing Dec	78.345138	78.36087657263963	Alternating exposures requested	N	N
Pointing Roll	113.583884	113.8482216720072	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	152077209.184000	152076201.06767			
Observation start date	2002-10-27T03:39:05	2002-10-27T03:23:21			
Observation end time	152087209.184000	152087796.89315			
Observation end date	2002-10-27T06:25:45	2002-10-27T06:36:36			
Read mode	TIMED	TIMED			

2.3 Aspect



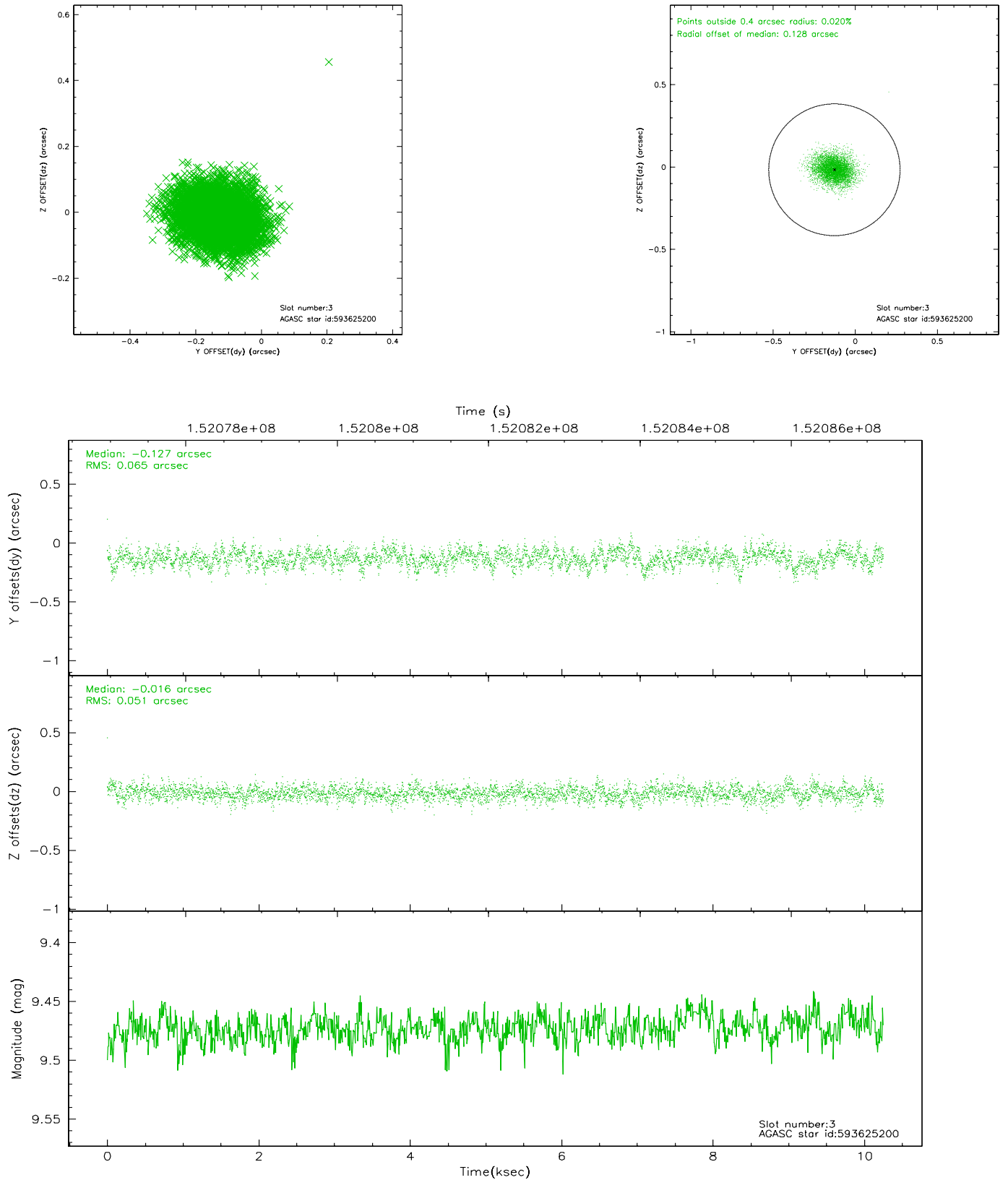


Slot Statistics

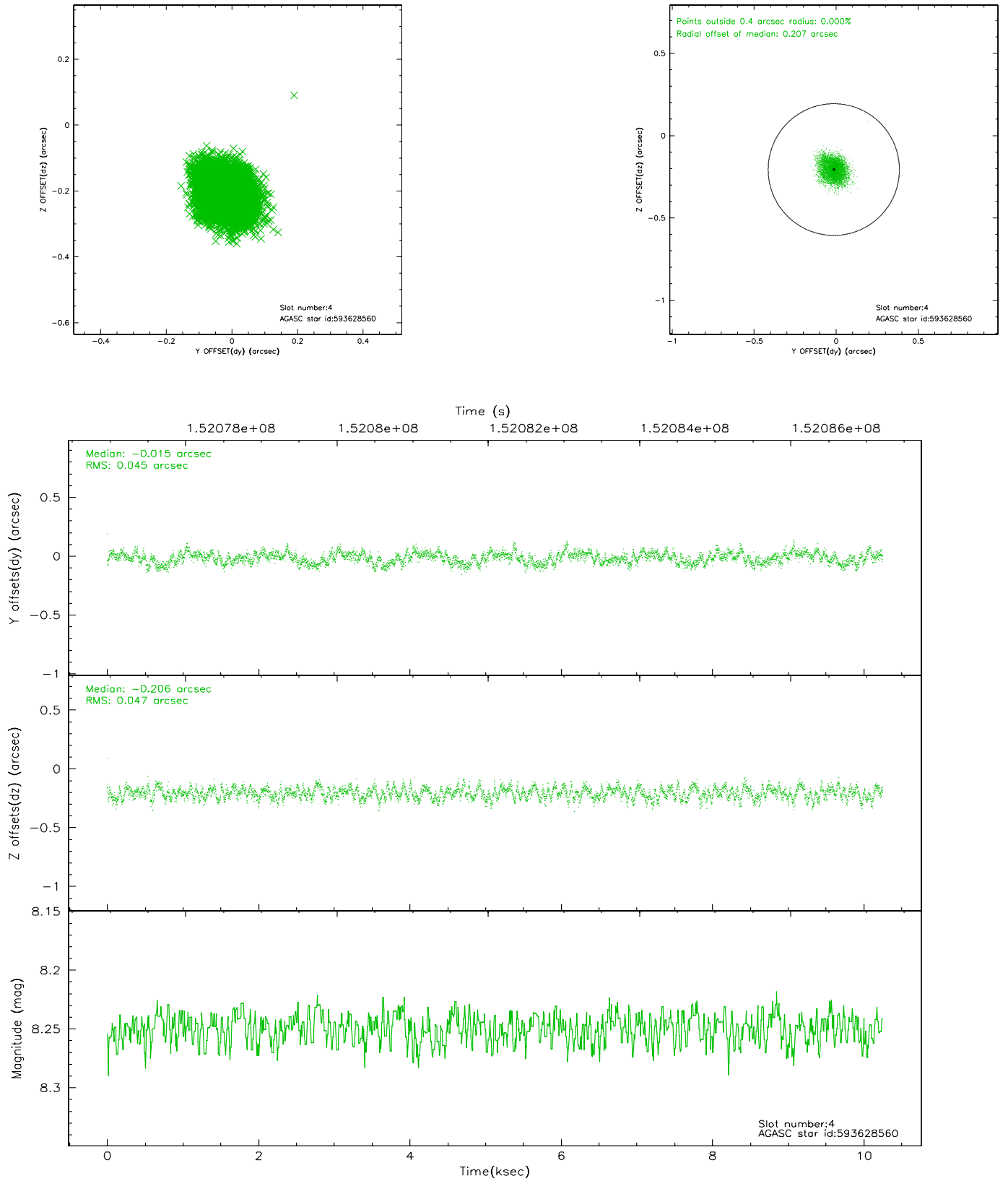
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2501	-0.009	0.015	0.008	0.013	0.000000	0.000000	-755.67	-1729.96
1	FID	ACIS-S-4	7.20	2501	-0.037	0.001	0.007	0.012	0.000000	0.000000	2157.34	177.98
2	FID	ACIS-S-5	7.24	2501	0.016	-0.006	0.007	0.012	0.000000	0.000000	-1807.83	172.23
3	GUIDE	593625200	9.47	5001	-0.127	-0.016	0.086	0.144	91.931681	78.701164	2018.52	1299.48
4	GUIDE	593628560	8.25	5002	-0.015	-0.206	0.070	0.111	92.260818	78.027017	-264.28	2156.17
5	GUIDE	593629992	7.56	5002	-0.020	0.135	0.069	0.106	98.350838	78.168477	-1566.10	-2201.39
6	GUIDE	593637632	9.37	5002	0.264	-0.068	0.087	0.143	95.478024	77.755599	-2159.38	348.58
7	GUIDE	594154400	9.13	5000	-0.100	0.153	0.088	0.140	96.629306	78.815756	1051.31	-1878.15

2.4 Star Slots

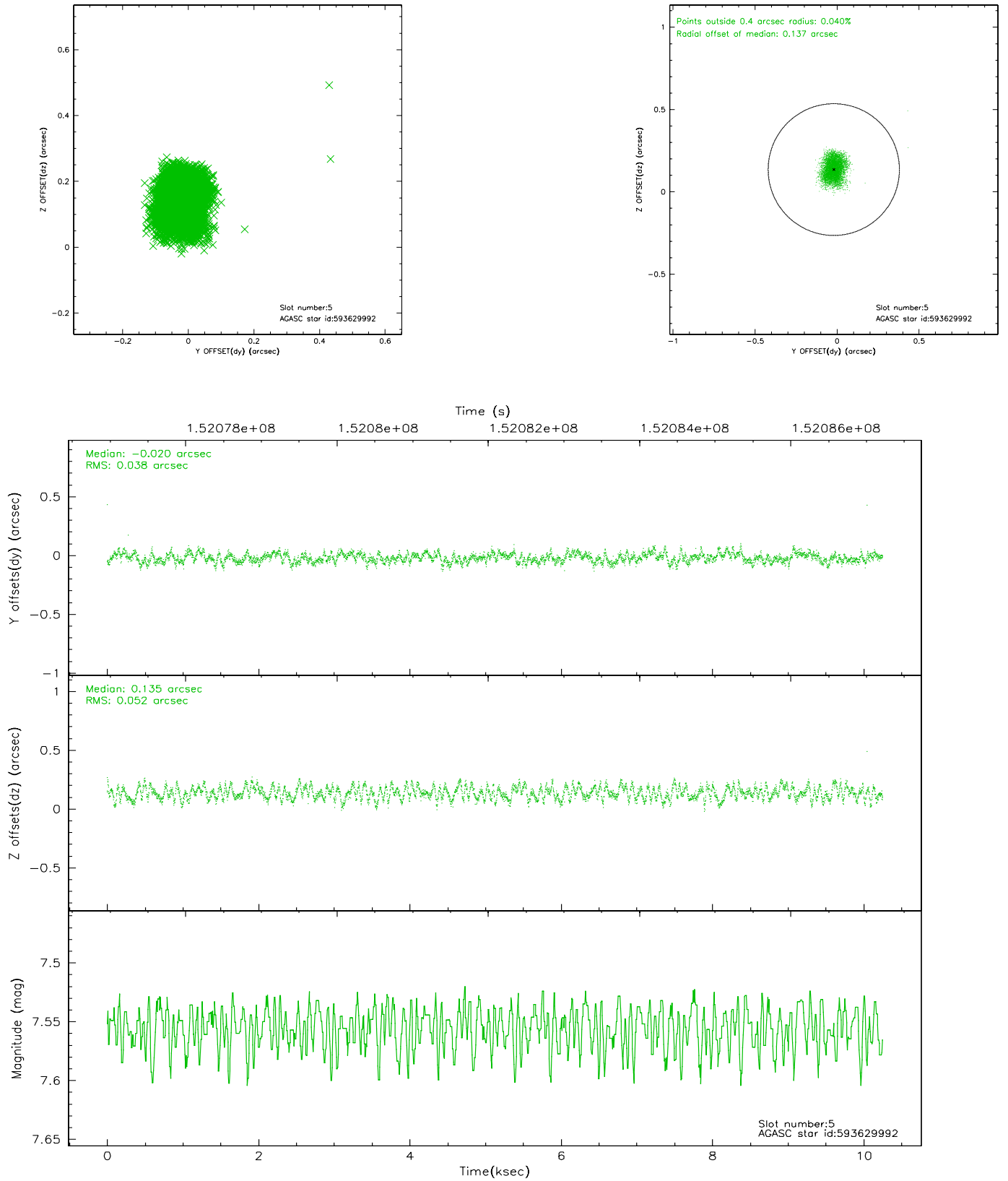
2.4.1 Slot 3



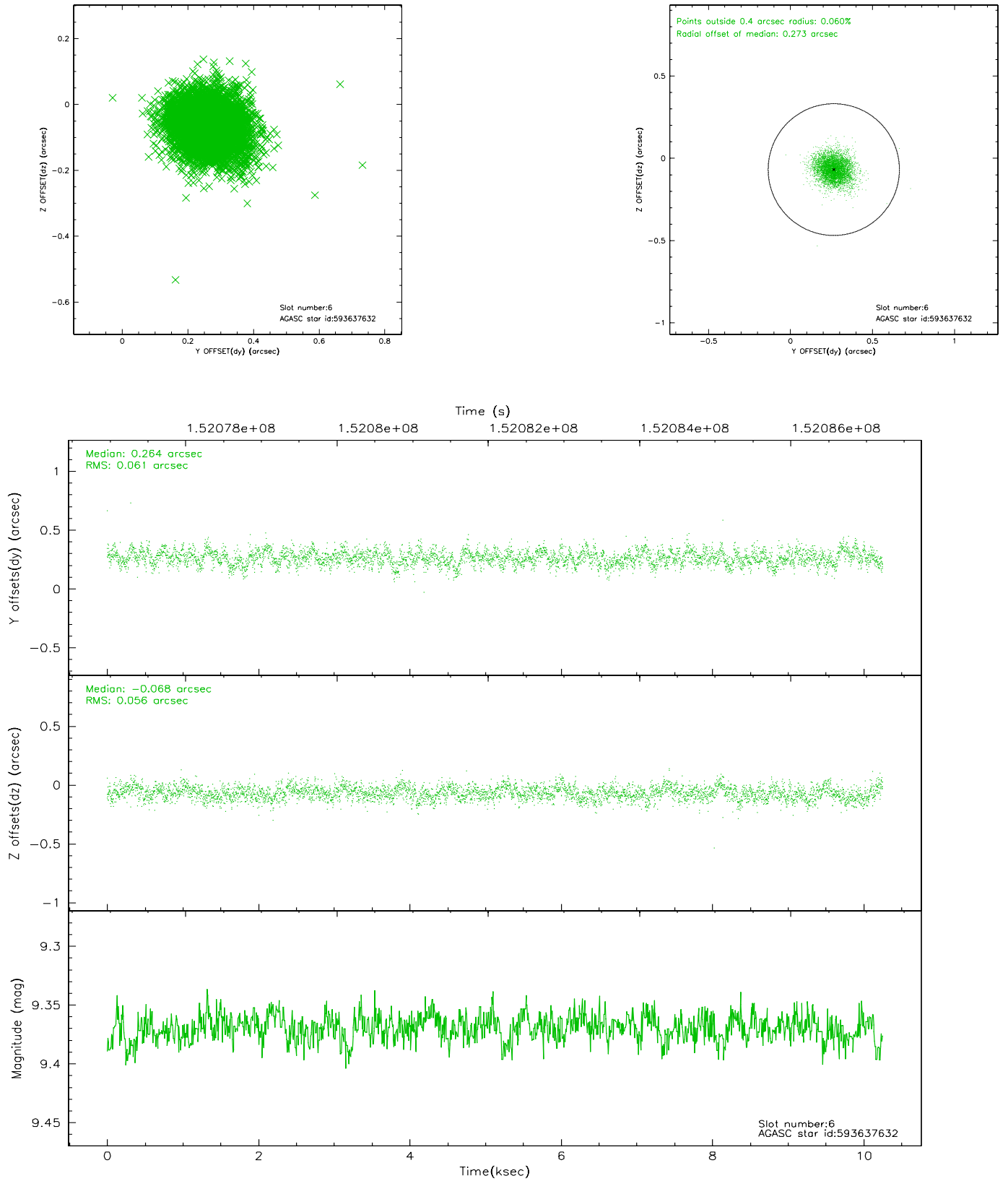
2.4.2 Slot 4



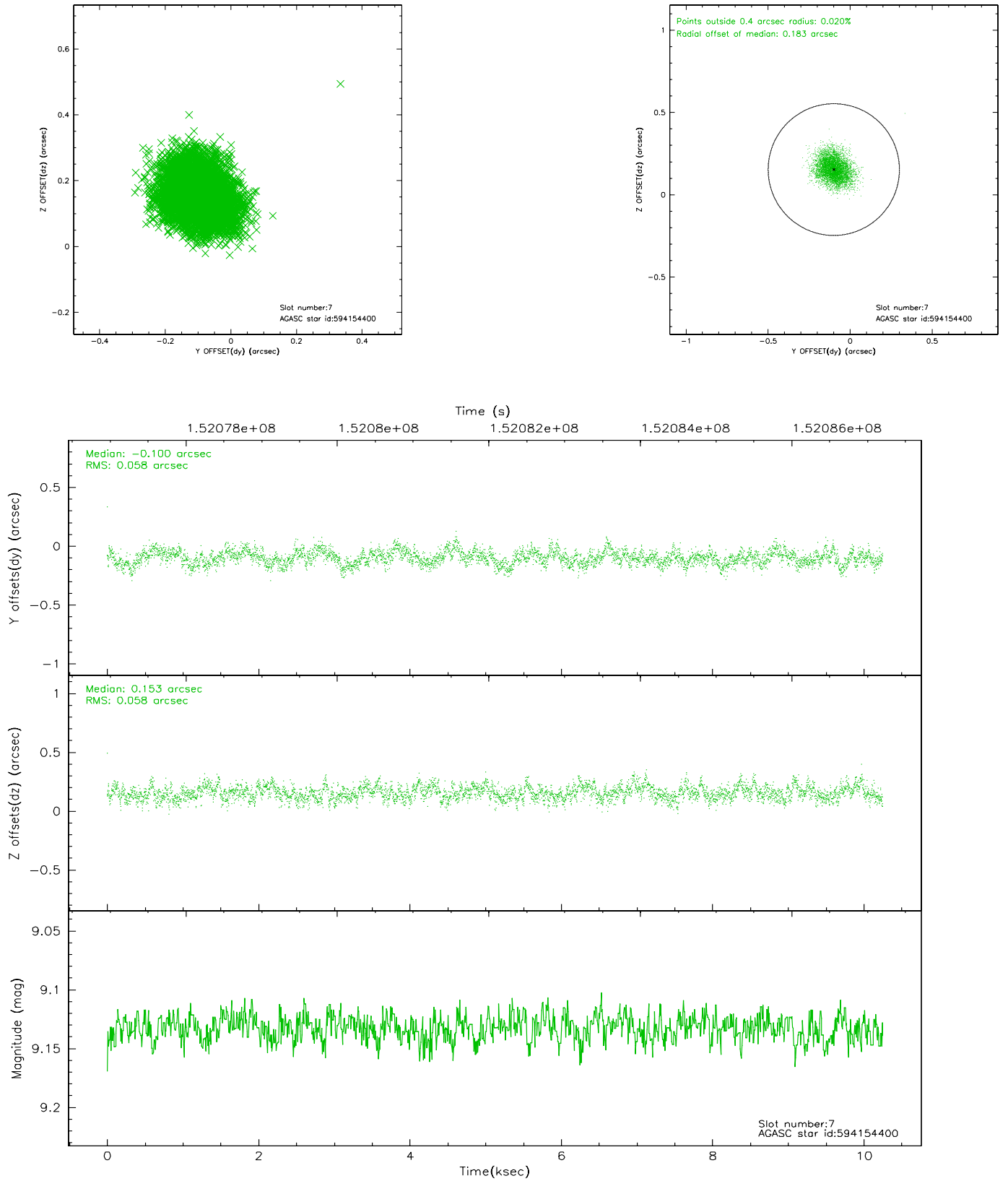
2.4.3 Slot 5



2.4.4 Slot 6

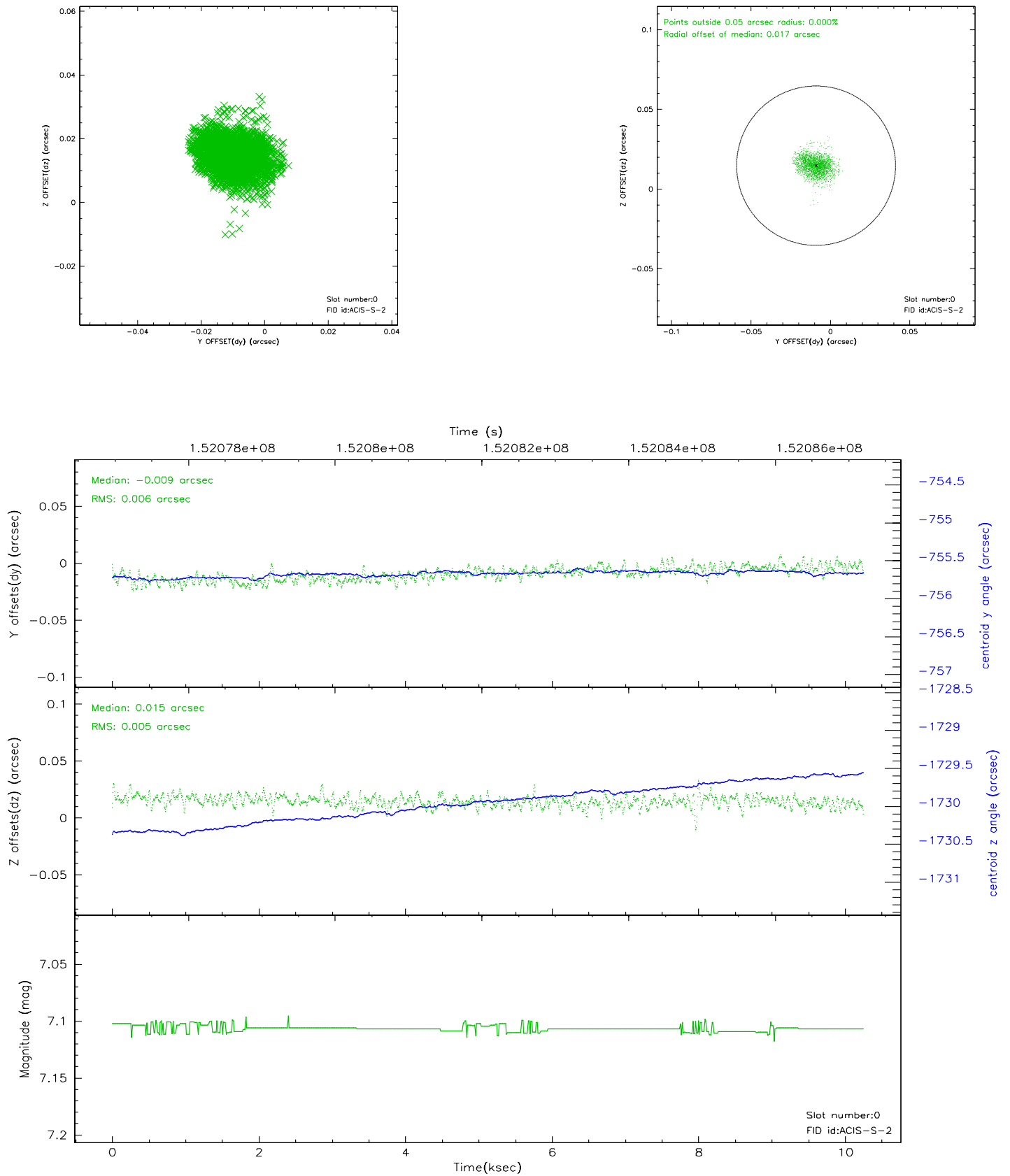


2.4.5 Slot 7

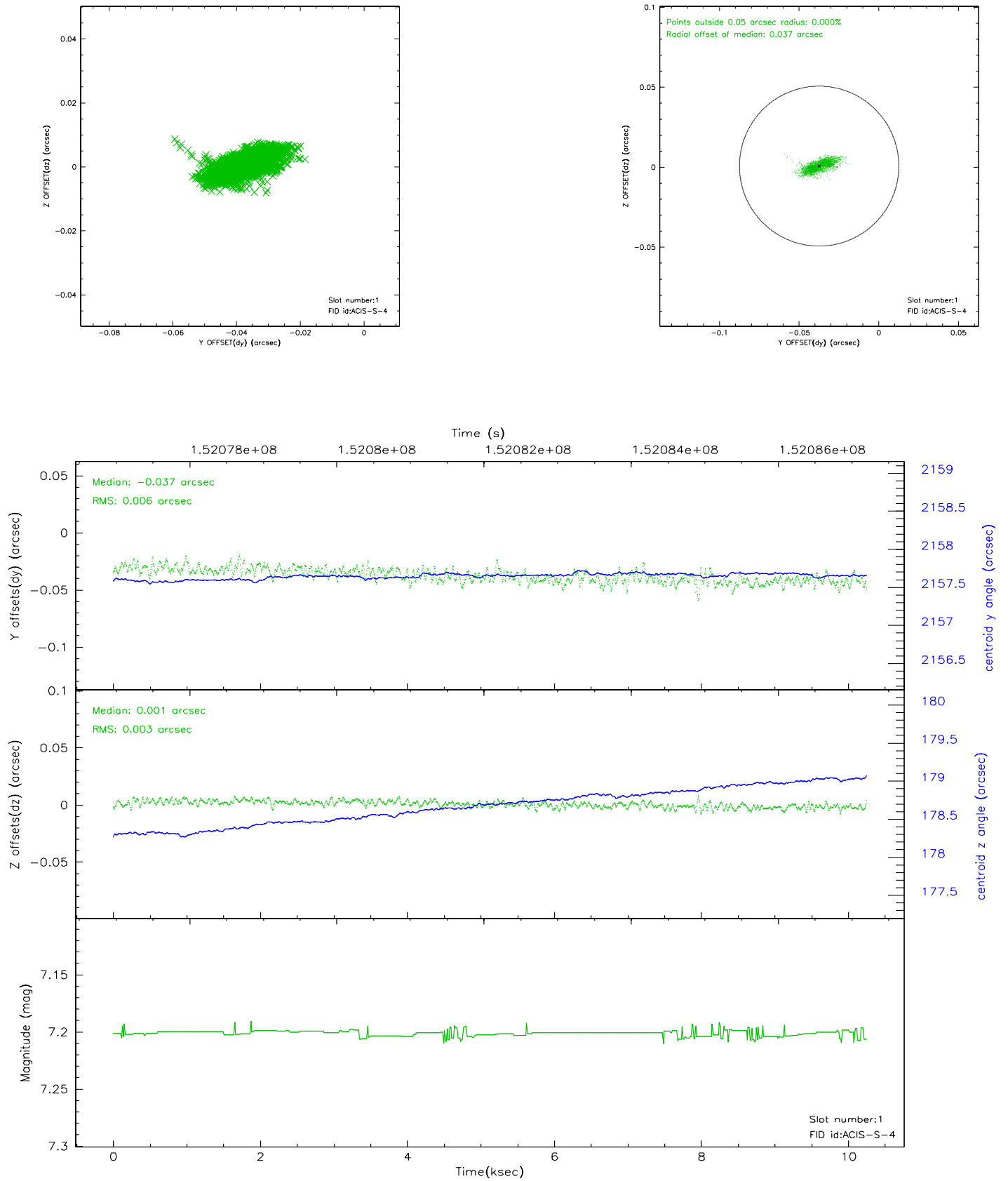


2.5 FID Slots

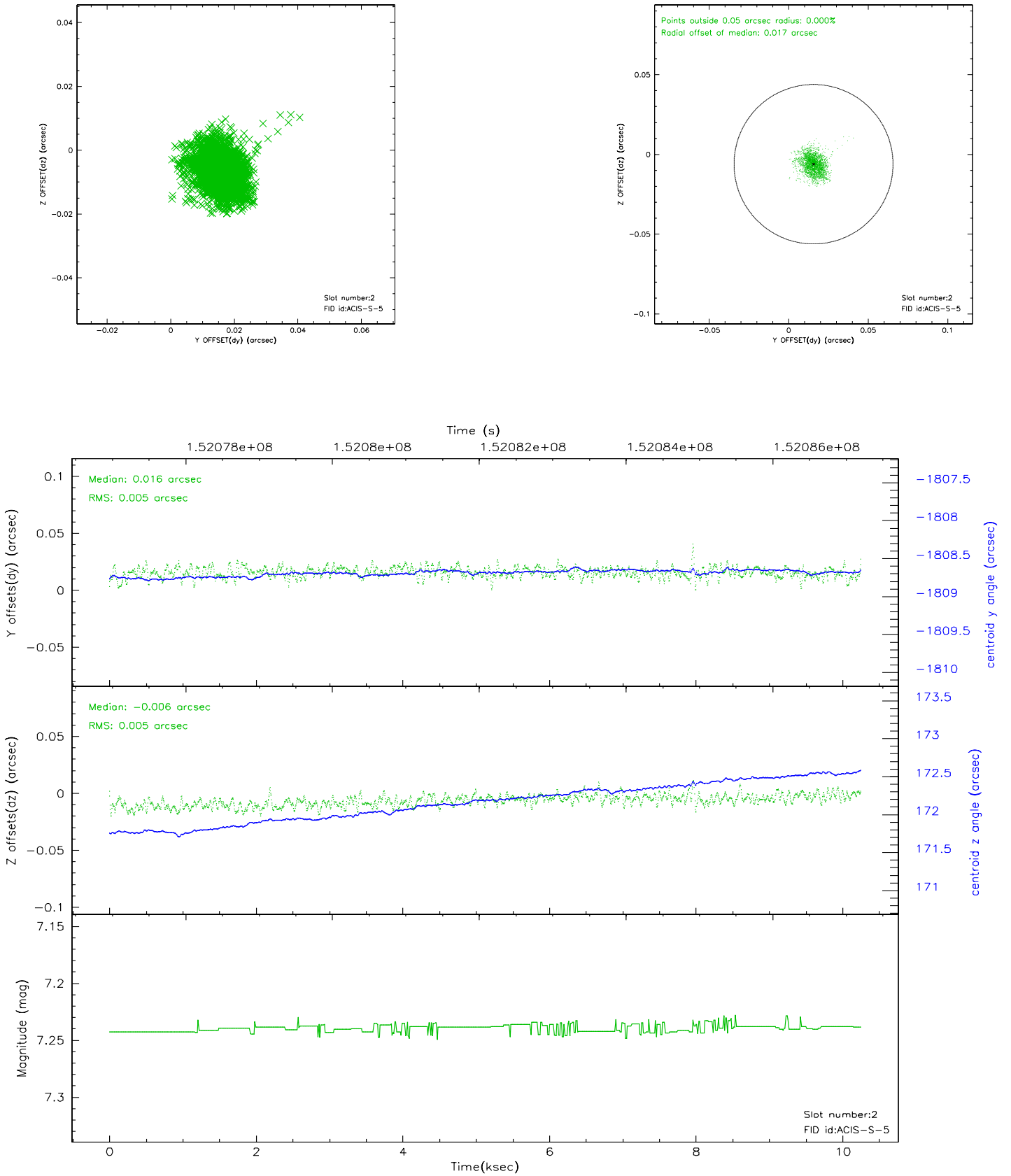
2.5.1 Slot 0



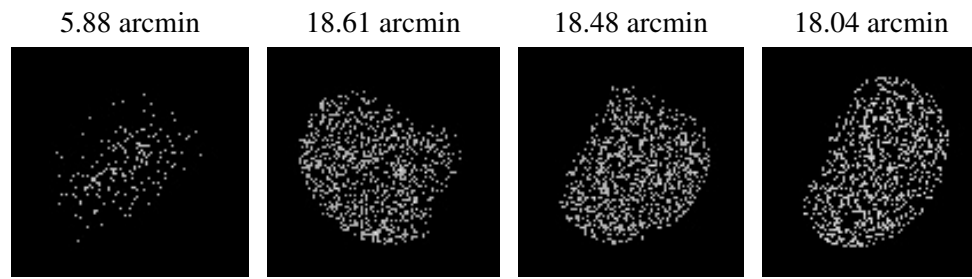
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.10.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.699

A.2 Comments

Monitor constraint met.