

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1634 - L2 Version 001
Chandra X-Ray Center

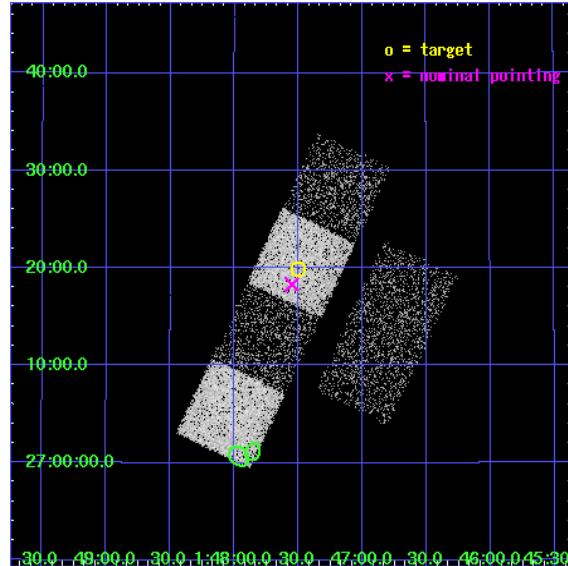
L2 Processing Date : Nov 6 2006

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1 Front

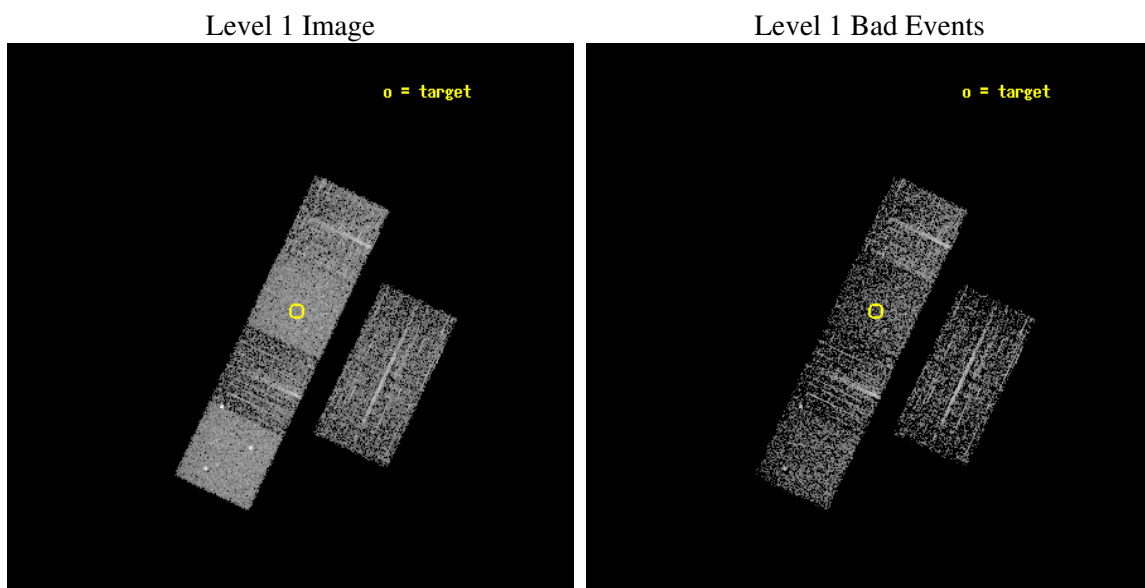
seq_num	700250
obs_id	1634
title	THE X-RAY PROPERTIES OF LOW-LUMINOSITY ACTIVE GALACTIC NUCLEI IN NEARBY GALAXIES
observer	Professor Gordon Garmire
object	IC 1727
dtcycle	0
cycle	P
ra_targ	26.875417
dec_targ	27.332389
ra_nom	26.887684043007
dec_nom	27.30544994761
roll_nom	295.40945673497
revision	2
ontime	1744.0000016242
livetime	1721.9164234929
ontime2	1744.0000016242
ontime3	1744.0000016242
ontime5	1744.0000016242
ontime6	1744.0000016242
ontime7	1744.0000016242
ontime8	1740.7591709942
l2events	25727



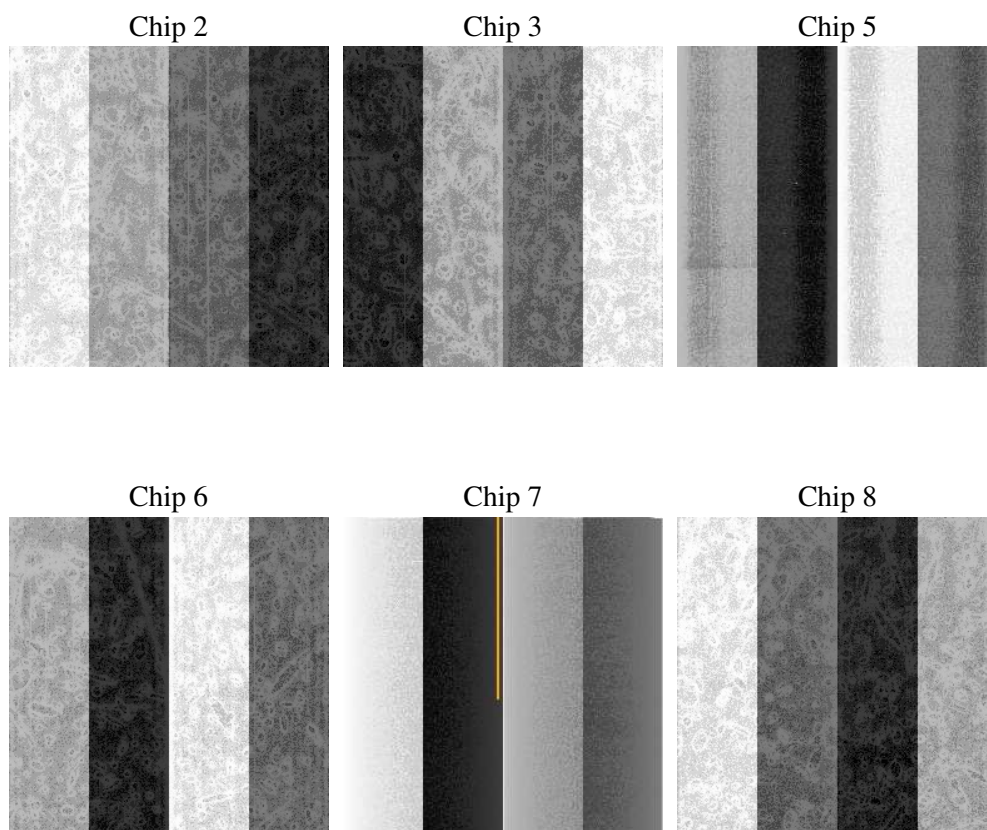
2 OBI

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	2006-11-06T14:15:01
revision	2

sched_exp_time	2010.000000
ontime	1750.1392071843
ontime2	1750.1391772777
ontime3	1750.1391772777
ontime5	1750.1391772777
ontime6	1750.1391772777
ontime7	1750.1392071843
ontime8	1746.8982369602
llevents	91191

2.1.4 Events

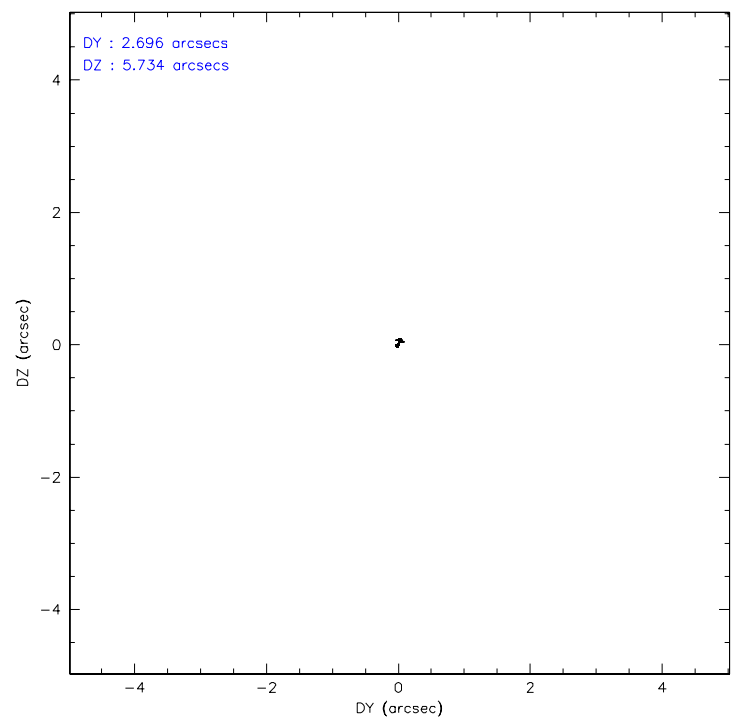
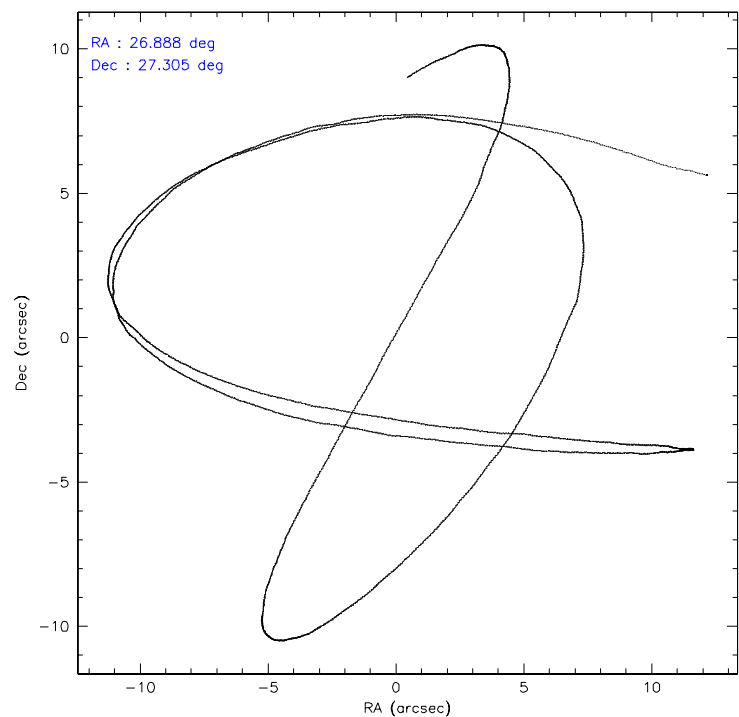
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	10859	10942	21533	11519	19795	16543
rejected events	9620	9682	9467	10175	9391	13703
rejected %	88%	88%	43%	88%	47%	82%

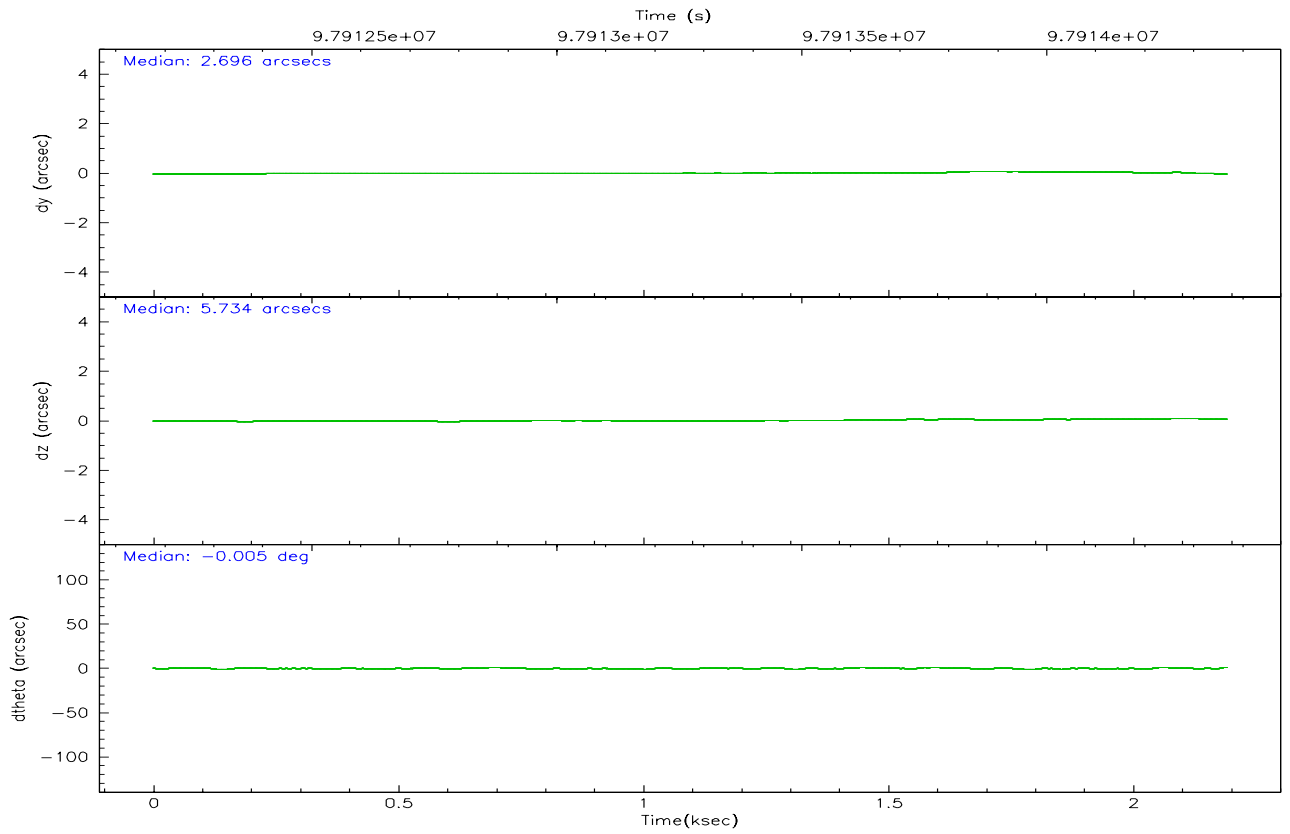
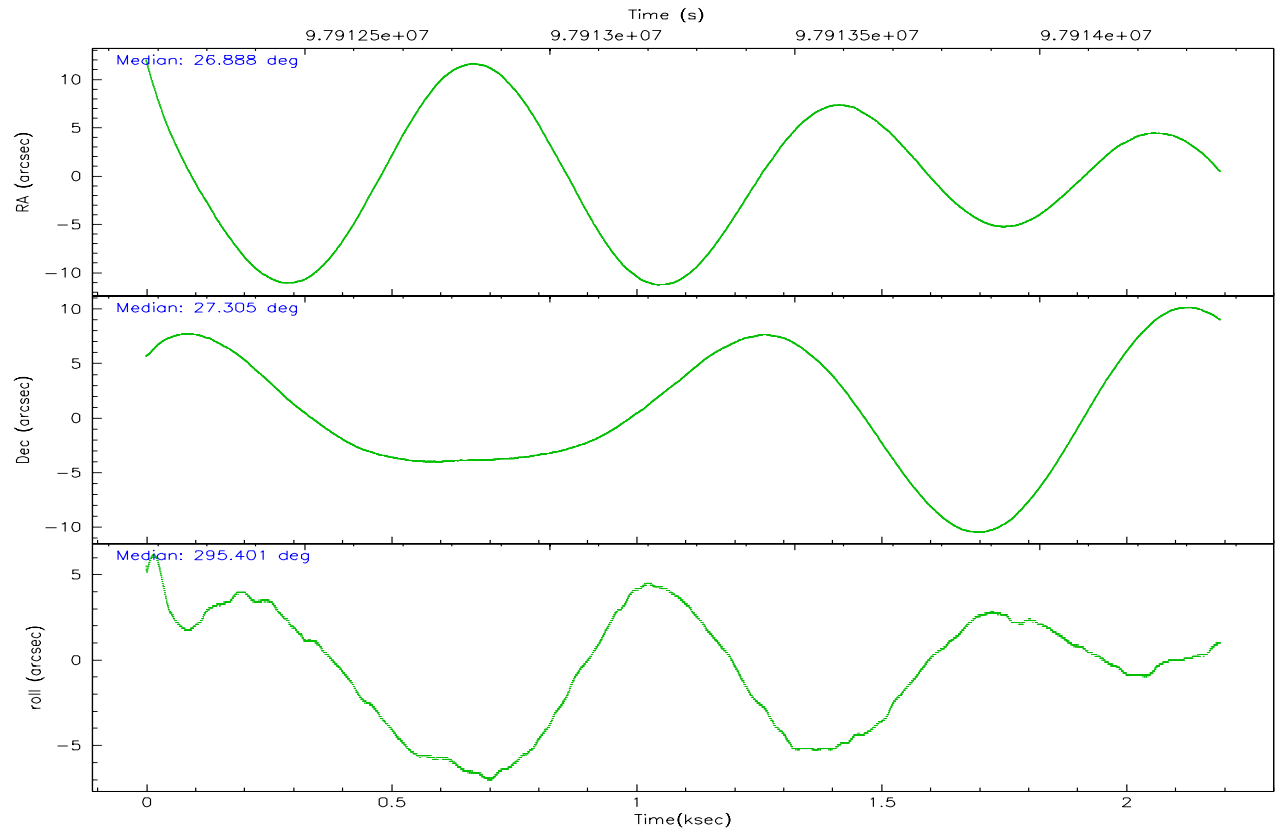
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	573	579	1619	599	1009	954
	5%	5%	7%	5%	5%	5%
grade 1 events	6	6	63	2	12	18
	0%	0%	0%	0%	0%	0%
grade 2 events	245	236	3697	266	2340	596
	2%	2%	17%	2%	11%	3%
grade 3 events	96	130	414	118	605	323
	0%	1%	1%	1%	3%	1%
grade 4 events	118	108	377	112	620	278
	1%	0%	1%	0%	3%	1%
grade 5 events	373	405	961	452	1024	549
	3%	3%	4%	3%	5%	3%
grade 6 events	212	210	6024	256	5893	737
	1%	1%	27%	2%	29%	4%
grade 7 events	9236	9268	8378	9714	8292	13088
	85%	84%	38%	84%	41%	79%

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	26.862192	26.88768404300701	Subarray requested	NONE	NONE
Pointing Dec	27.320569	27.30544994760992	Alternating exposures requested	N	N
Pointing Roll	295.264480	295.4094567349732	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	97912357.184000	97911627.79991101			
Observation start date	2001-02-07T05:51:33	2001-02-07T05:40:27			
Observation end time	97914367.184000	97915087.687544			
Observation end date	2001-02-07T06:25:03	2001-02-07T06:38:07			
Read mode	TIMED	TIMED			

2.3 Aspect



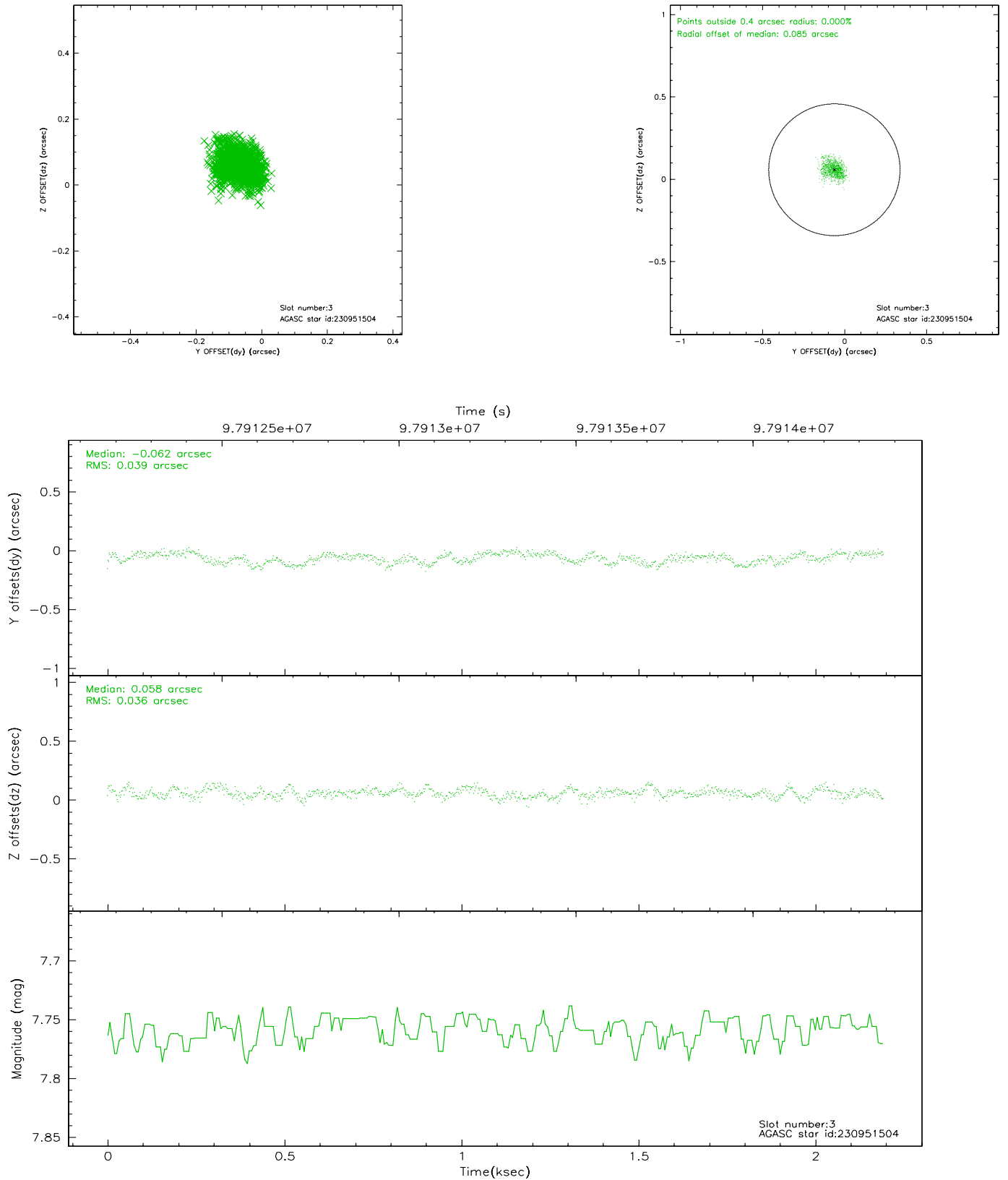


Slot Statistics

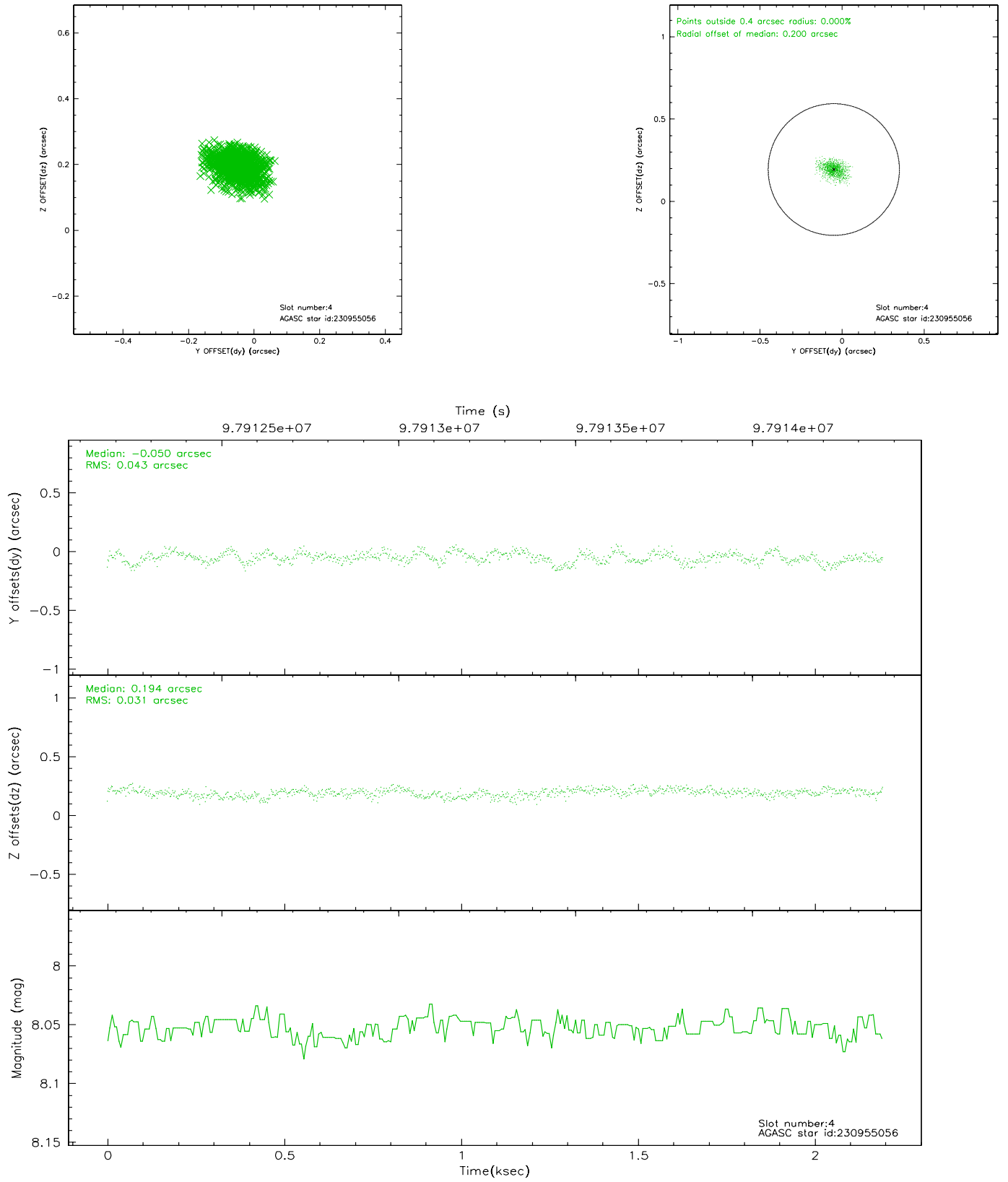
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	535	-0.023	0.023	0.007	0.011	0.000000	0.000000	-755.32	-1726.87
1	FID	ACIS-S-4	7.20	535	-0.057	0.005	0.007	0.014	0.000000	0.000000	2156.54	178.59
2	FID	ACIS-S-5	7.24	535	0.049	-0.019	0.007	0.012	0.000000	0.000000	-1804.30	175.53
3	GUIDE	230951504	7.76	1071	-0.062	0.058	0.057	0.092	27.409007	27.706493	-515.50	2170.09
4	GUIDE	230955056	8.05	1071	-0.050	0.194	0.055	0.094	26.996320	27.917524	-1761.36	1304.54
5	GUIDE	230556864	8.64	1071	-0.089	-0.156	0.066	0.105	26.306031	27.416418	-1074.75	-1458.06
6	GUIDE	230567800	8.97	1071	0.003	-0.113	0.082	0.126	26.403613	26.949694	577.19	-1901.53
7	GUIDE	230557872	9.24	1069	0.203	0.020	0.065	0.110	26.839930	26.864457	1456.23	-767.64

2.4 Star Slots

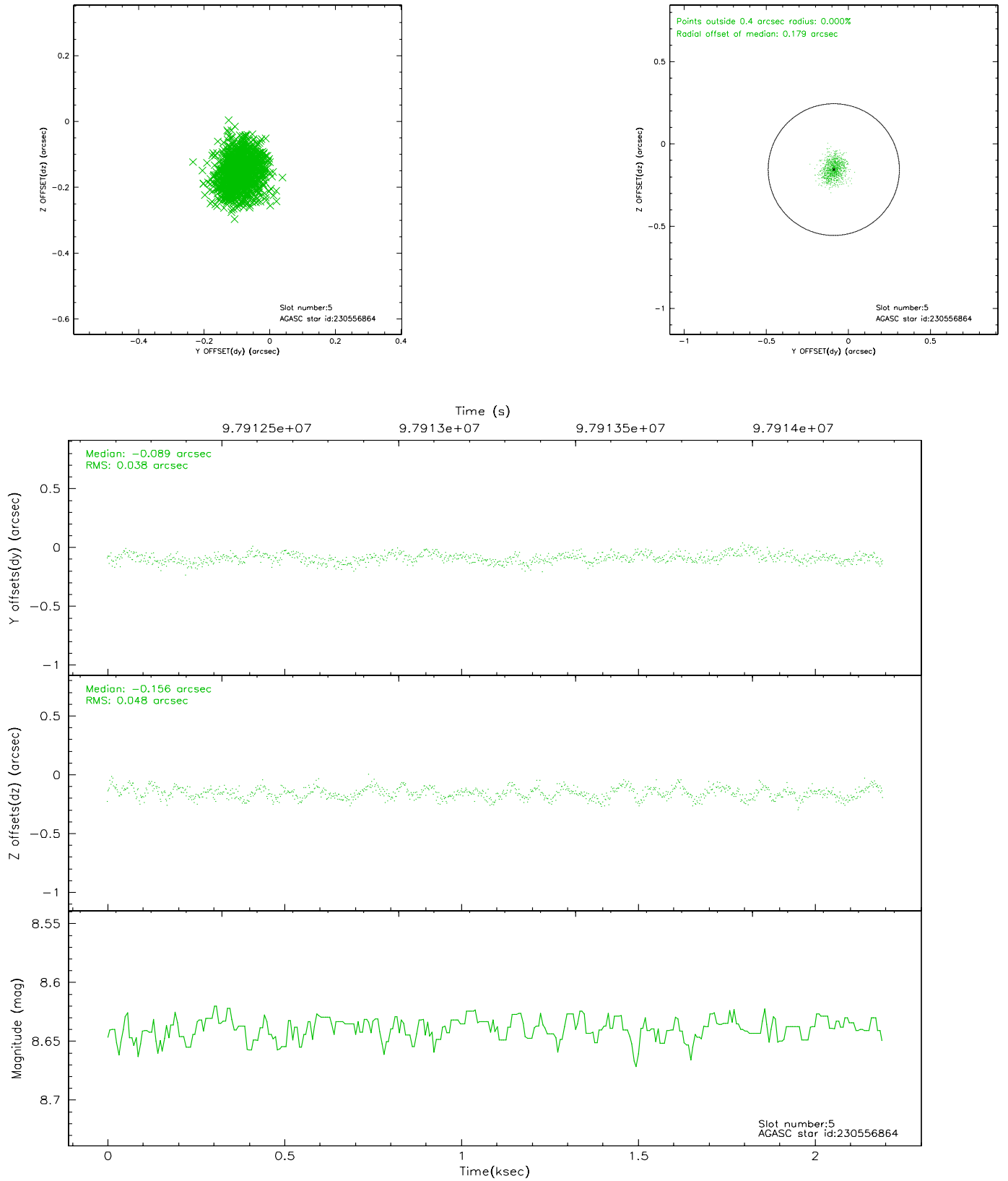
2.4.1 Slot 3



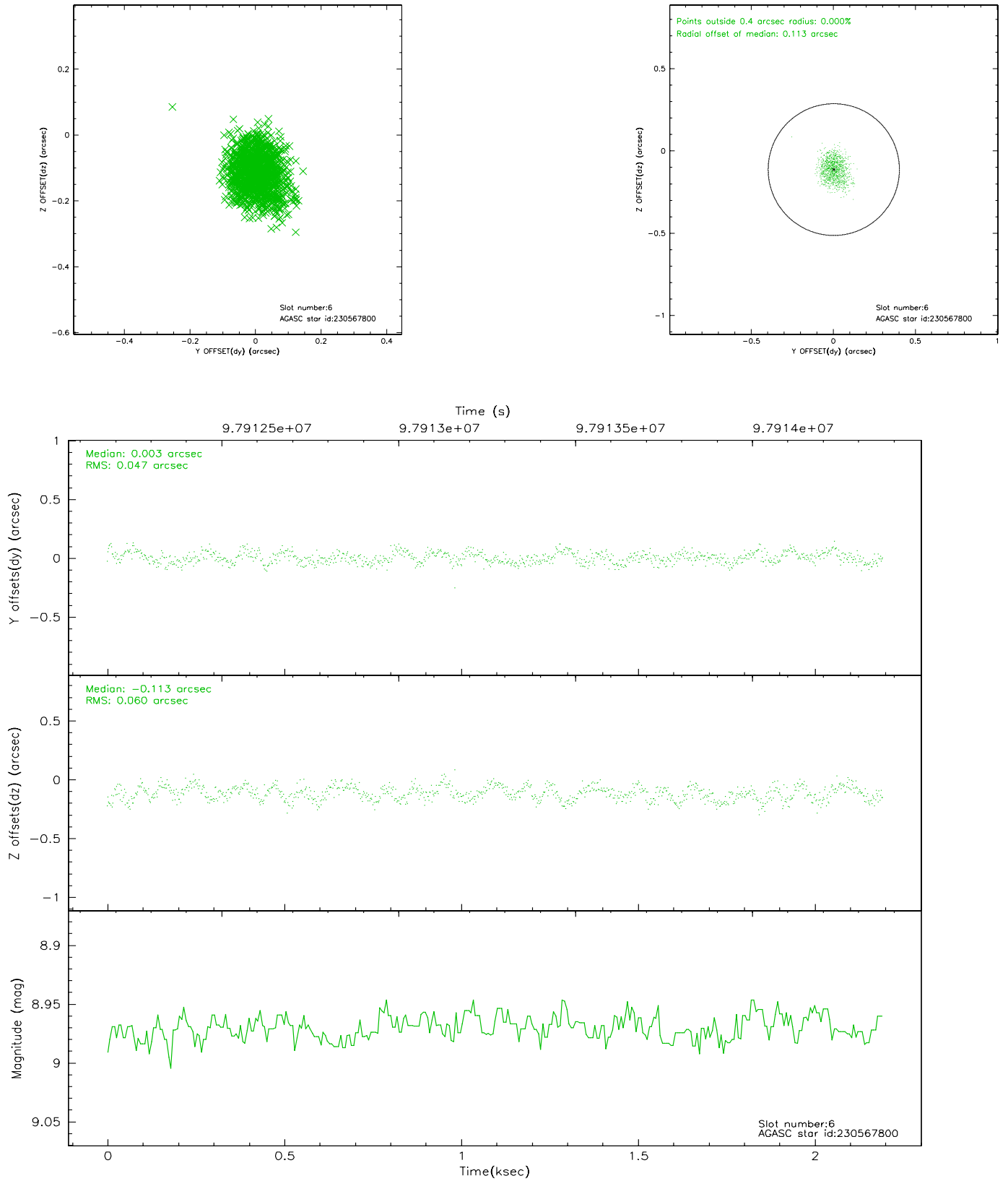
2.4.2 Slot 4



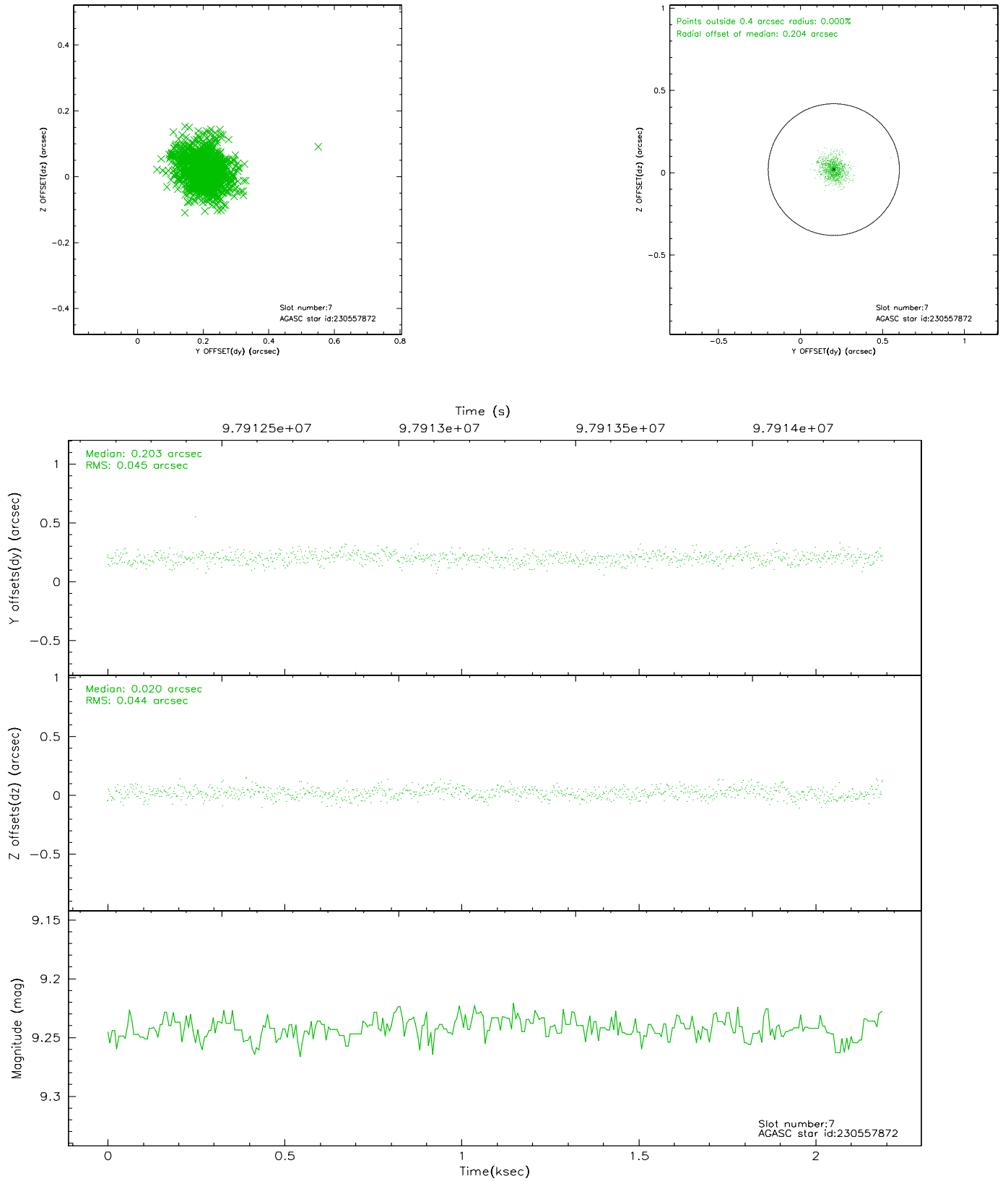
2.4.3 Slot 5



2.4.4 Slot 6

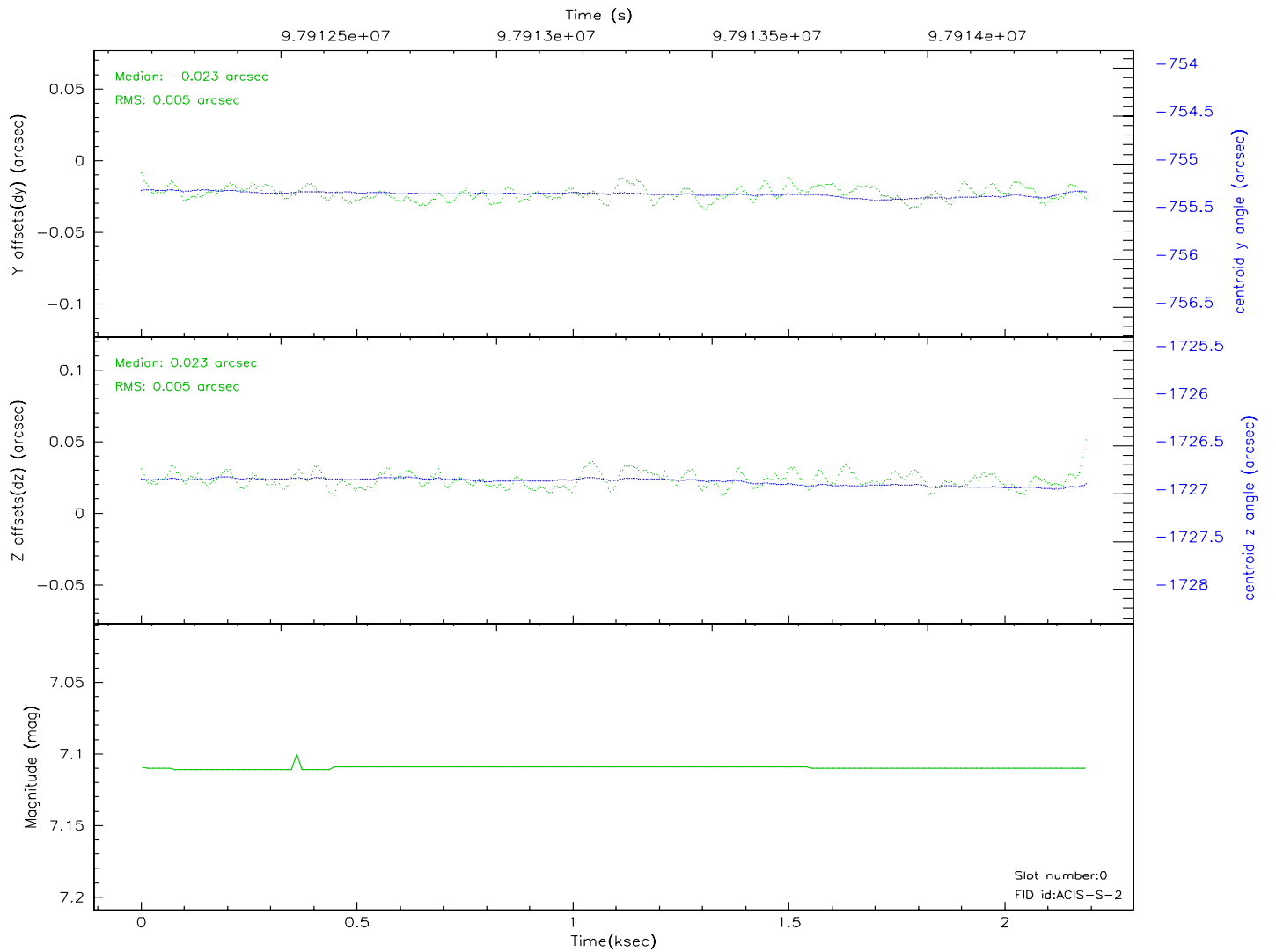
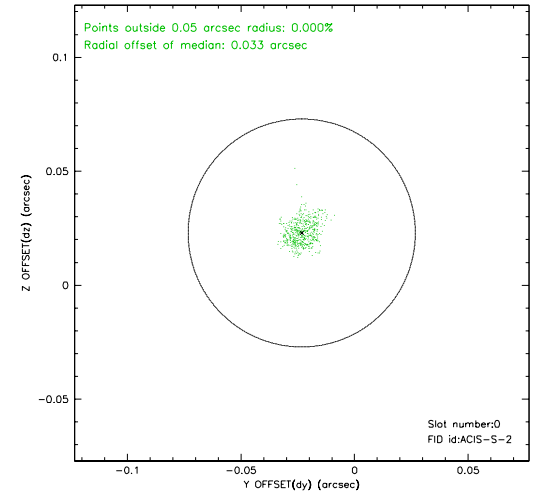
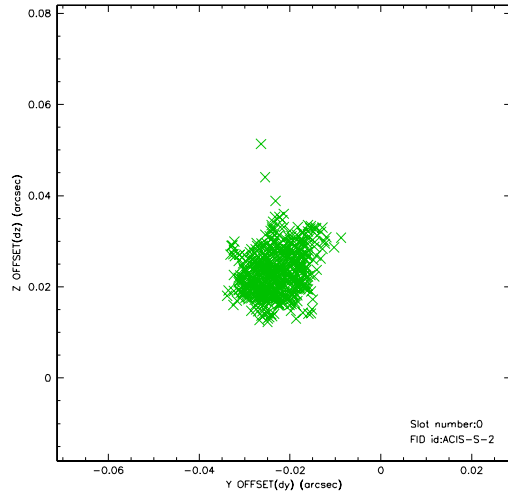


2.4.5 Slot 7

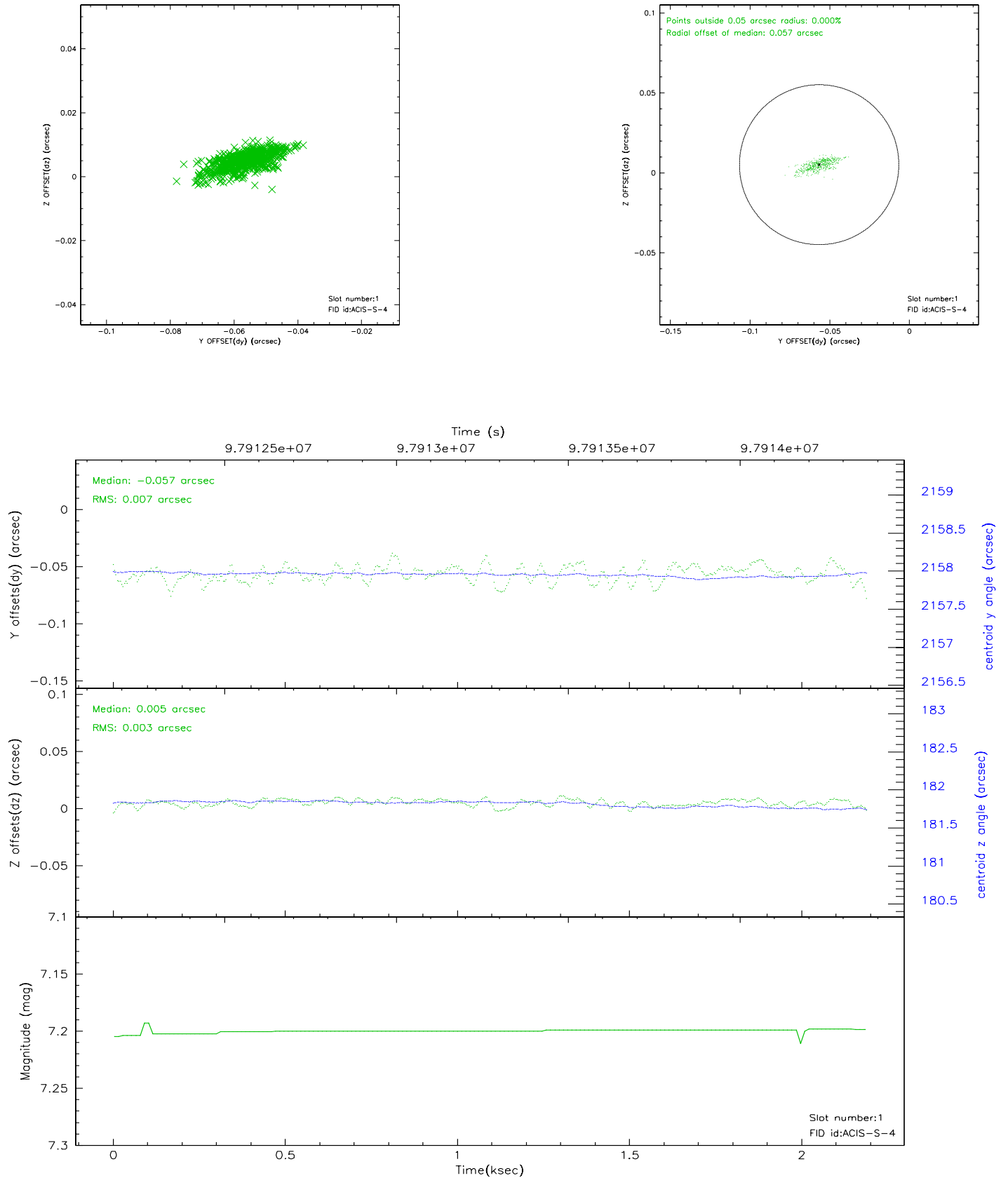


2.5 FID Slots

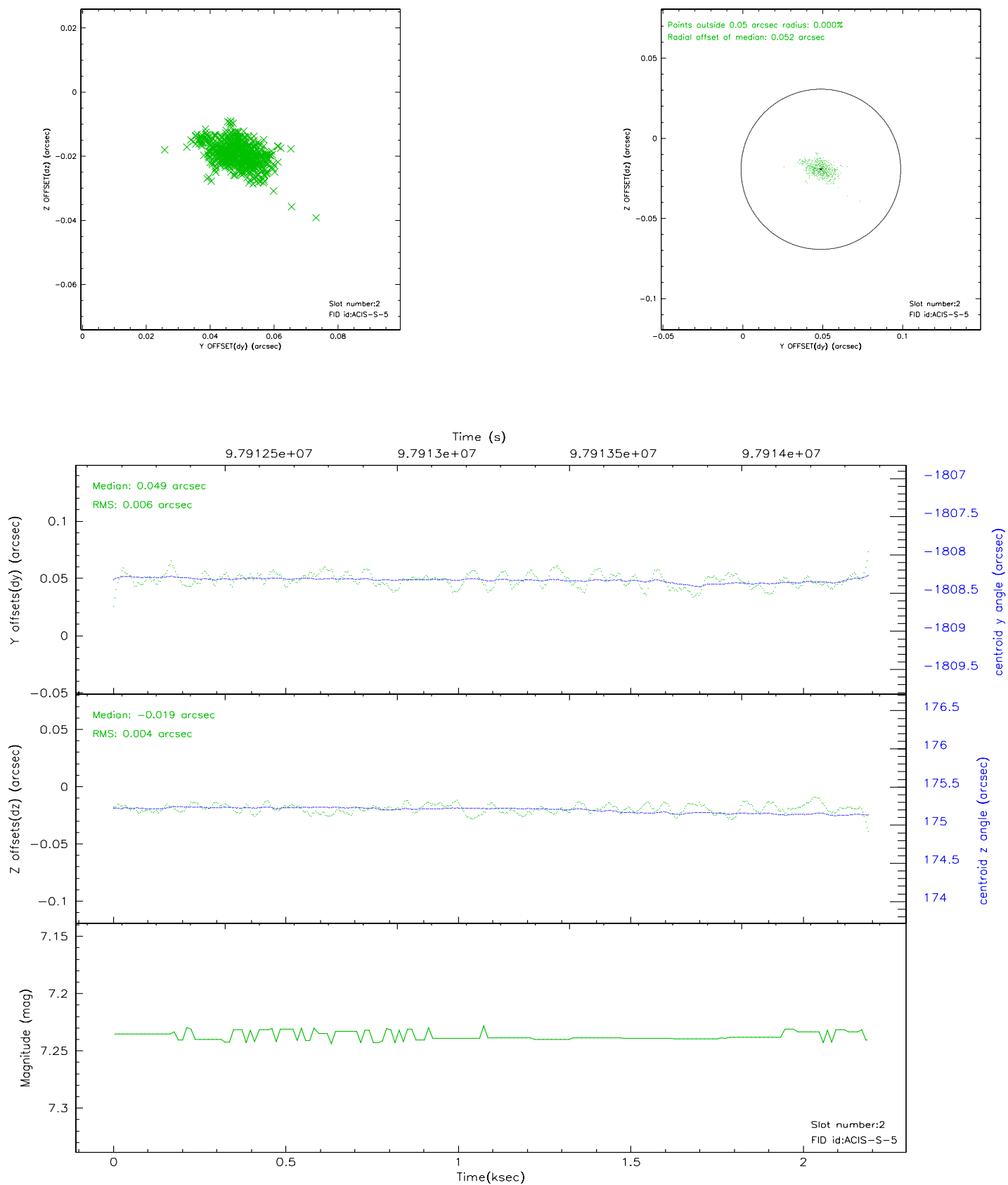
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

17.65 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.747

A.2 Comments