

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4079 - L2 Version 001
Chandra X-Ray Center

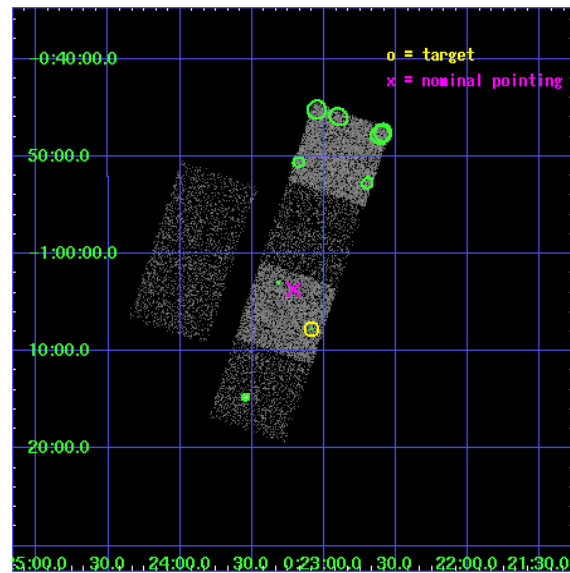
L2 Processing Date : Jul 7 2006

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1 Front

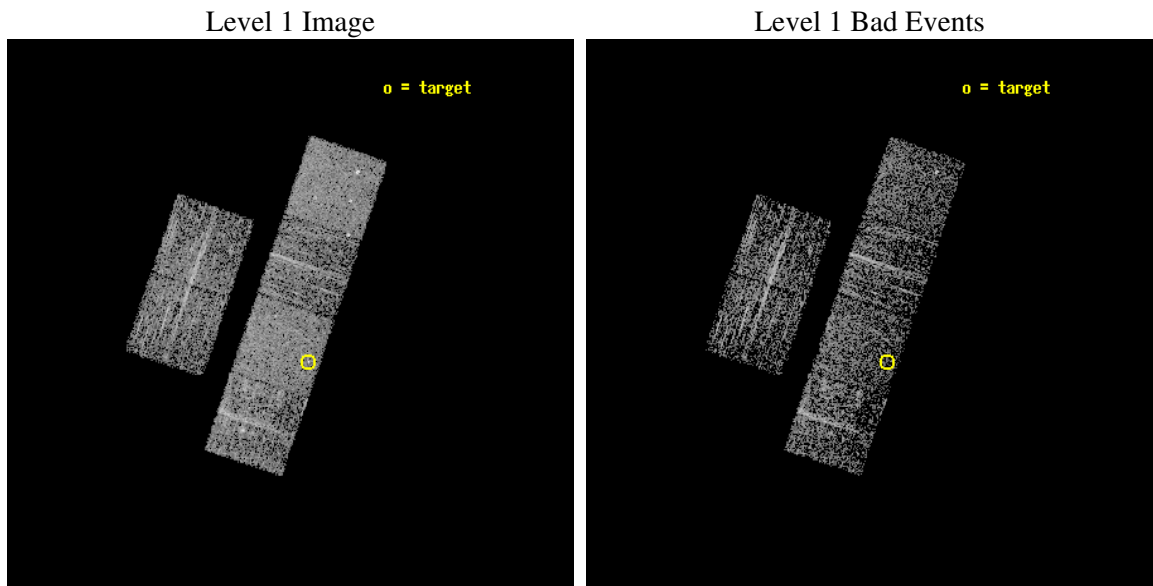
seq_num	700758
obs_id	4079
title	ARE ALL NARROW-LINE SEYFERT 1S ULTRASOFT X-RAY SOURCES?
observer	Prof RICHARD POGGE
object	SDSS J002305.03-010743.5
dtcycle	0
cycle	P
ra_targ	5.770833
dec_targ	-1.12875
ra_nom	5.8025001266774
dec_nom	-1.0612607970086
roll_nom	108.78015447825
revision	2
ontime	1964.7999926805
livetime	1939.9205121127
ontime2	1964.7999926805
ontime3	1964.7856411636
ontime5	1964.7999926805
ontime6	1964.7999926805
ontime7	1964.7999926805
ontime8	1964.7446011901
l2events	19742



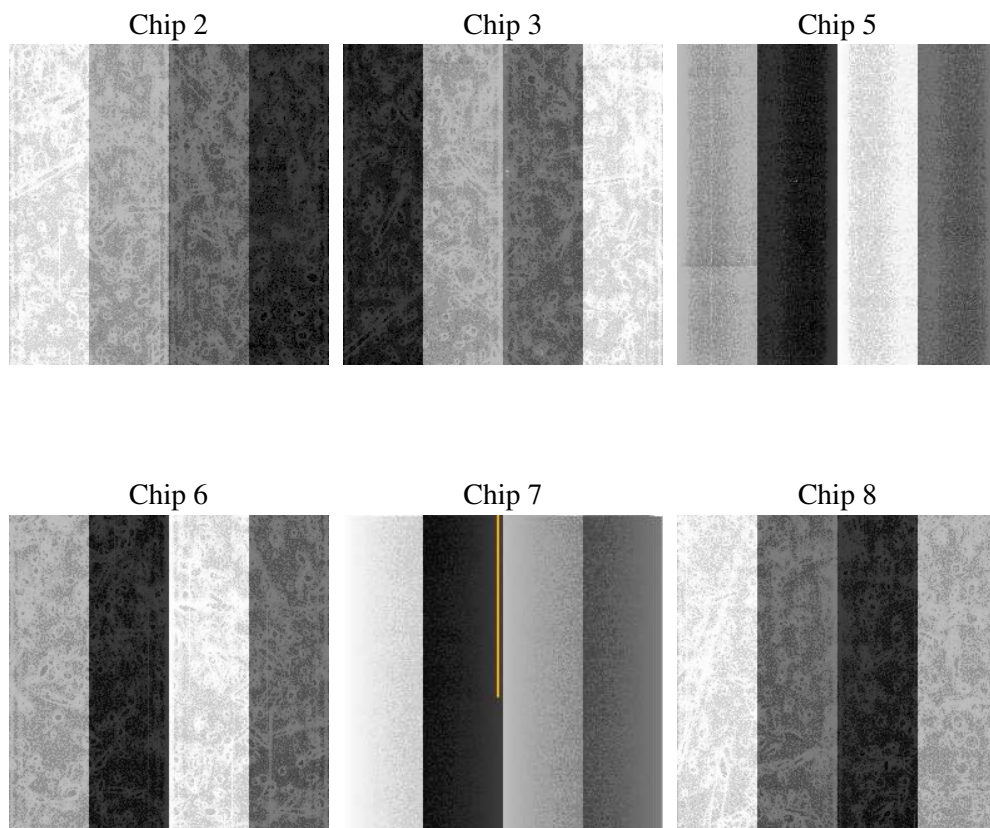
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-07T13:04:04
revision	2

sched_exp_time	2000.000000
ontime	1967.2901242971
ontime2	1967.2901043892
ontime3	1967.2901242971
ontime5	1967.2901242971
ontime6	1967.2901043892
ontime7	1967.2901242971
ontime8	1967.2901242971
l1events	89638

2.1.4 Events

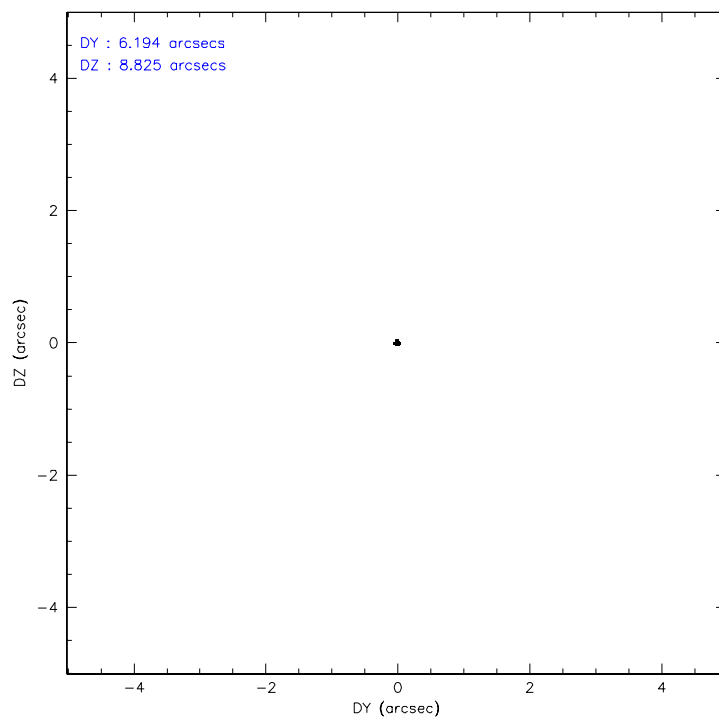
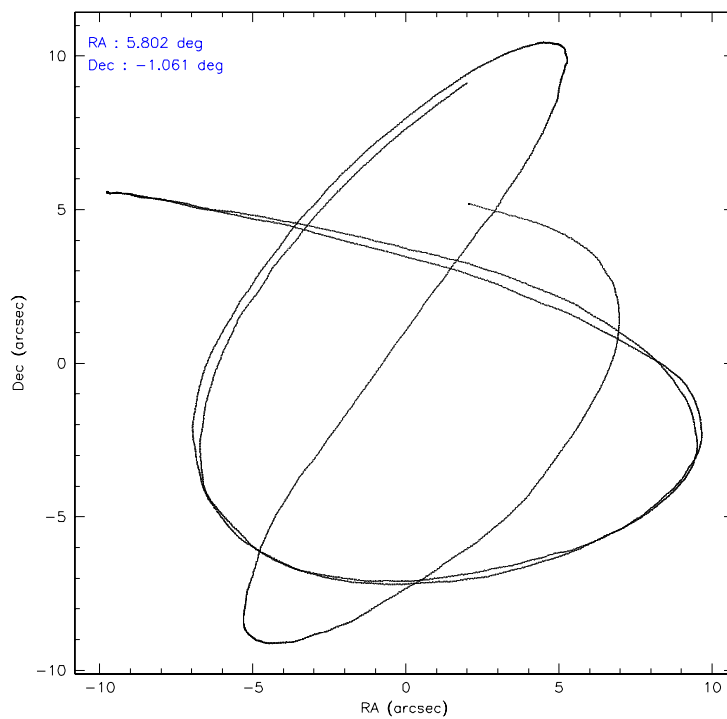
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	13215	12711	18595	12712	17026	15379
rejected events	11754	11207	10140	11192	10366	12015
rejected %	88%	88%	54%	88%	60%	78%

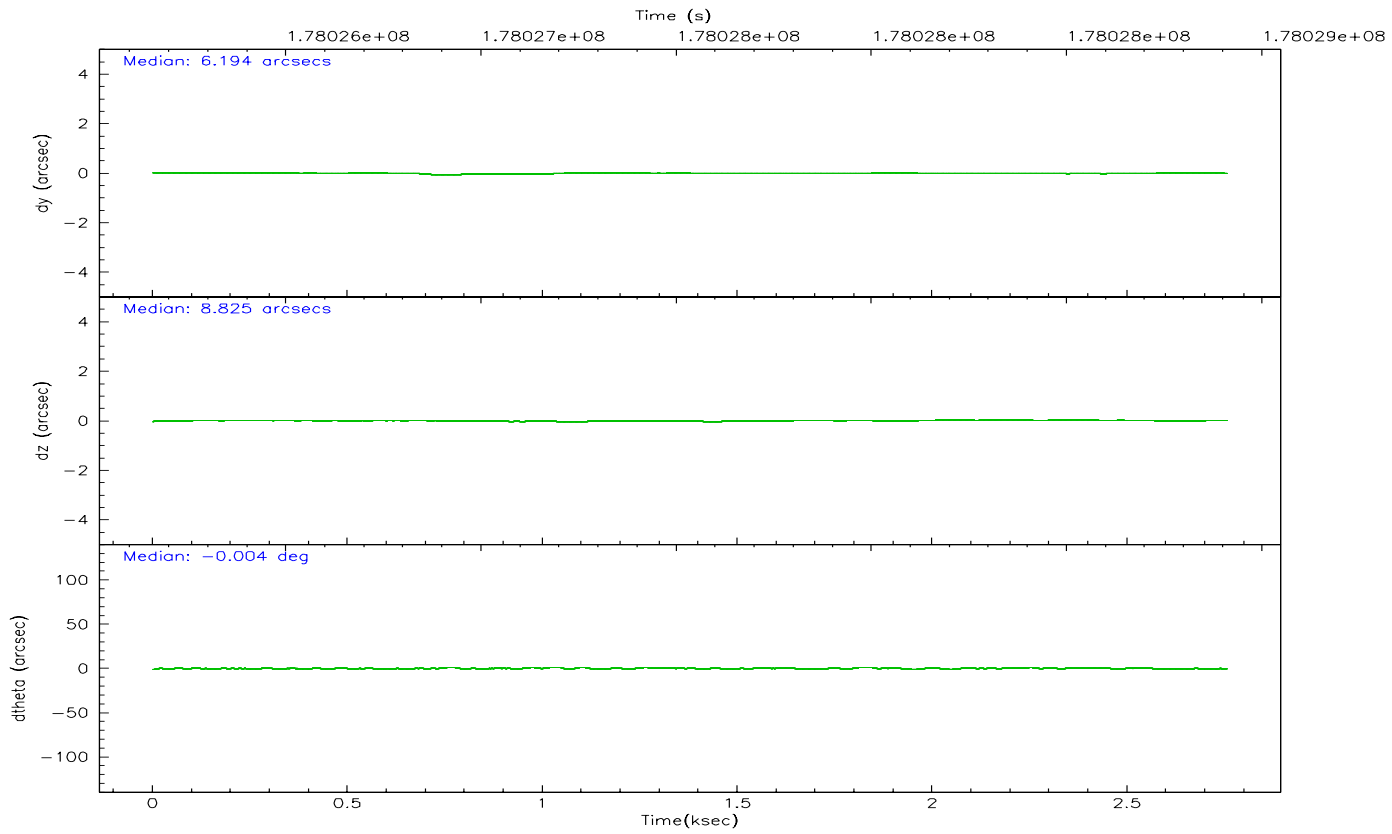
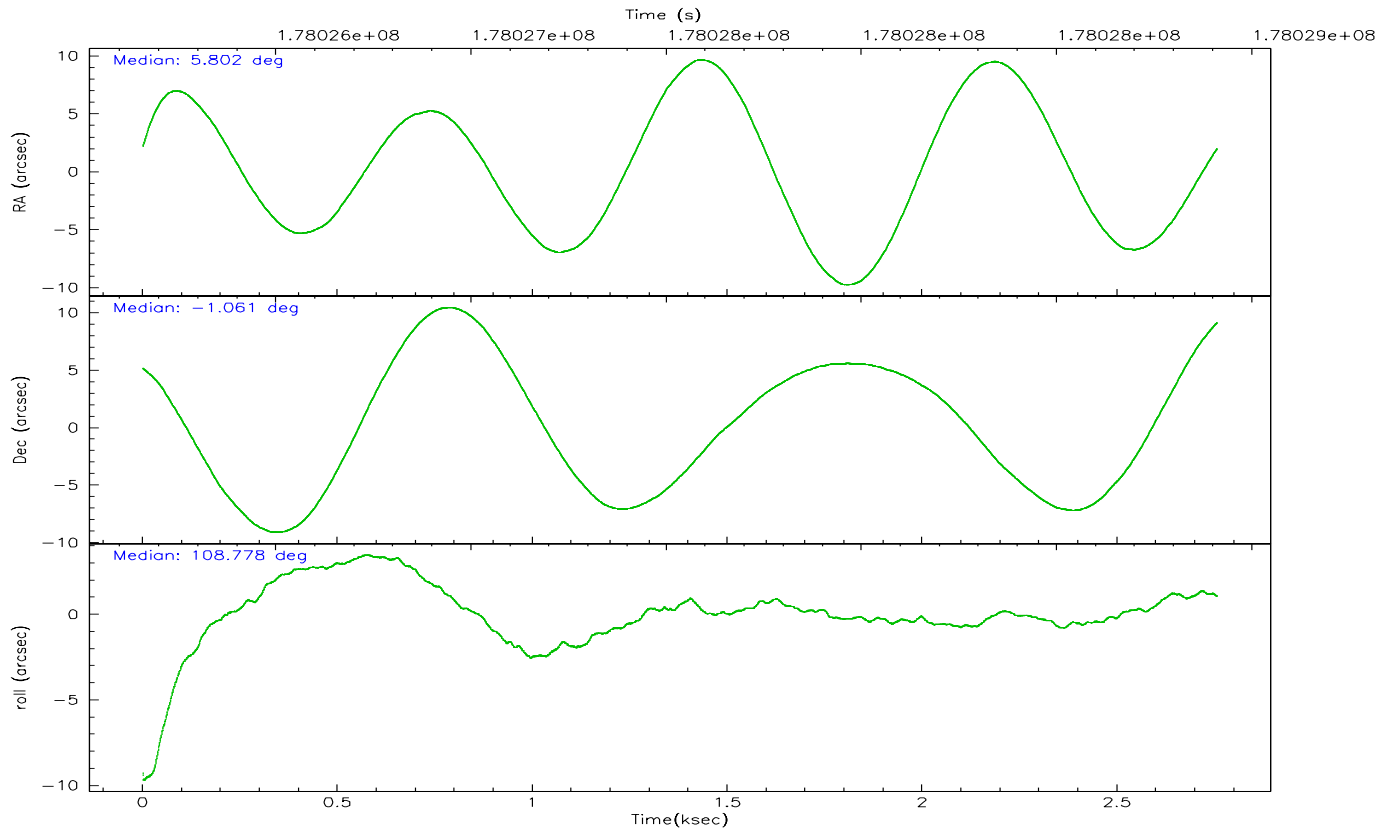
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	644	615	885	585	437	1227
	4%	4%	4%	4%	2%	7%
grade 1 events	7	6	171	2	11	9
	0%	0%	0%	0%	0%	0%
grade 2 events	318	308	2554	326	1683	660
	2%	2%	13%	2%	9%	4%
grade 3 events	134	151	213	134	377	409
	1%	1%	1%	1%	2%	2%
grade 4 events	131	162	205	168	368	340
	0%	1%	1%	1%	2%	2%
grade 5 events	474	507	885	575	1097	747
	3%	3%	4%	4%	6%	4%
grade 6 events	235	270	4611	310	3805	729
	1%	2%	24%	2%	22%	4%
grade 7 events	11272	10692	9071	10612	9248	11258
	85%	84%	48%	83%	54%	73%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	5.823279	5.802500126677373	Alternating exposures requested	N	N
Pointing Dec	-1.078725	-1.061260797008585	Primary exposure time	0.000000	3.2
Pointing Roll	108.623922	108.7801544782457			
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	178026918.184000	178025668.9865			
Observation start date	2003-08-23T11:54:14	2003-08-23T11:34:28			
Observation end time	178028918.184000	178029589.61167			
Observation end date	2003-08-23T12:27:34	2003-08-23T12:39:49			
Read mode	TIMED	TIMED			

2.3 Aspect



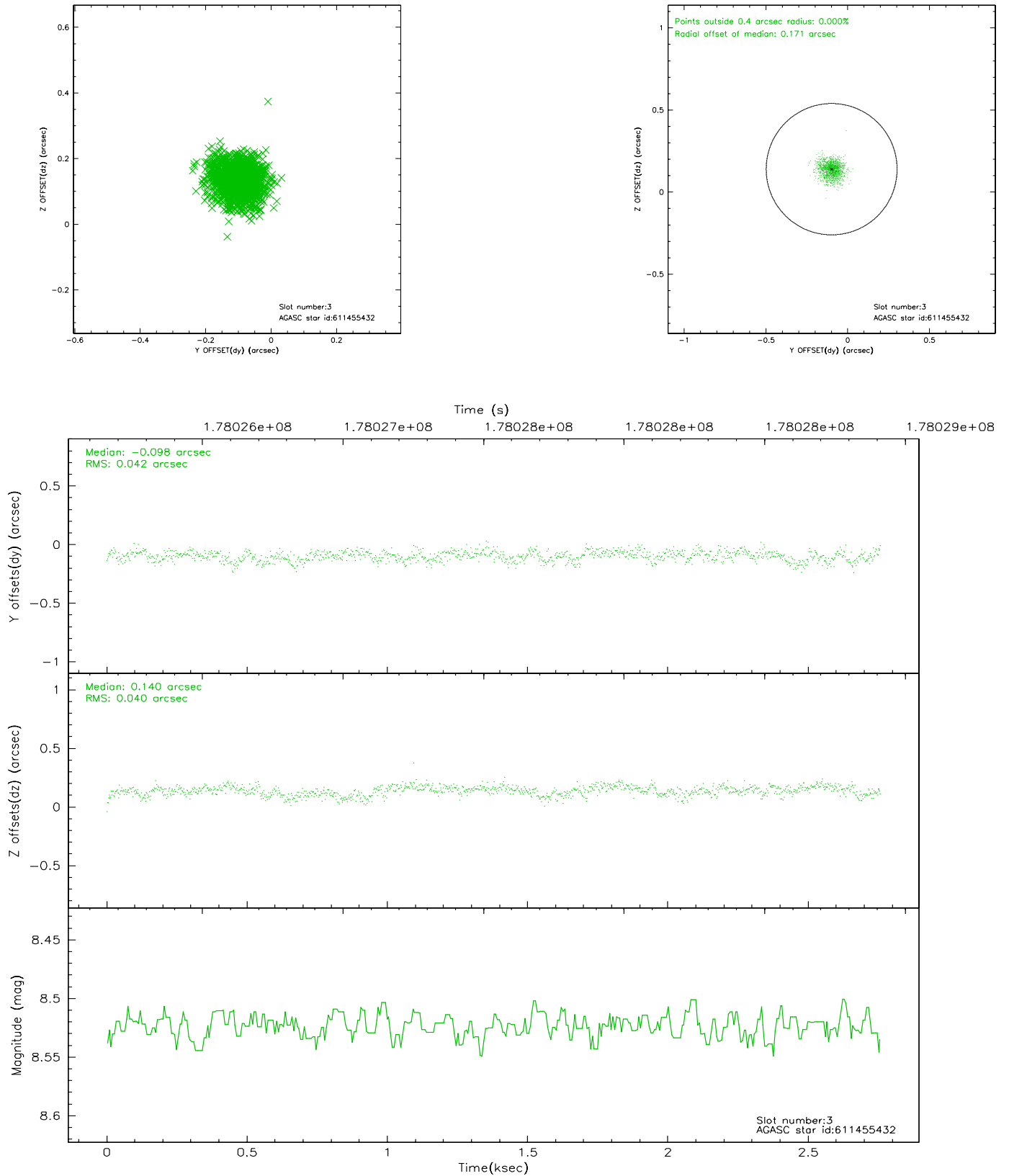


Slot Statistics

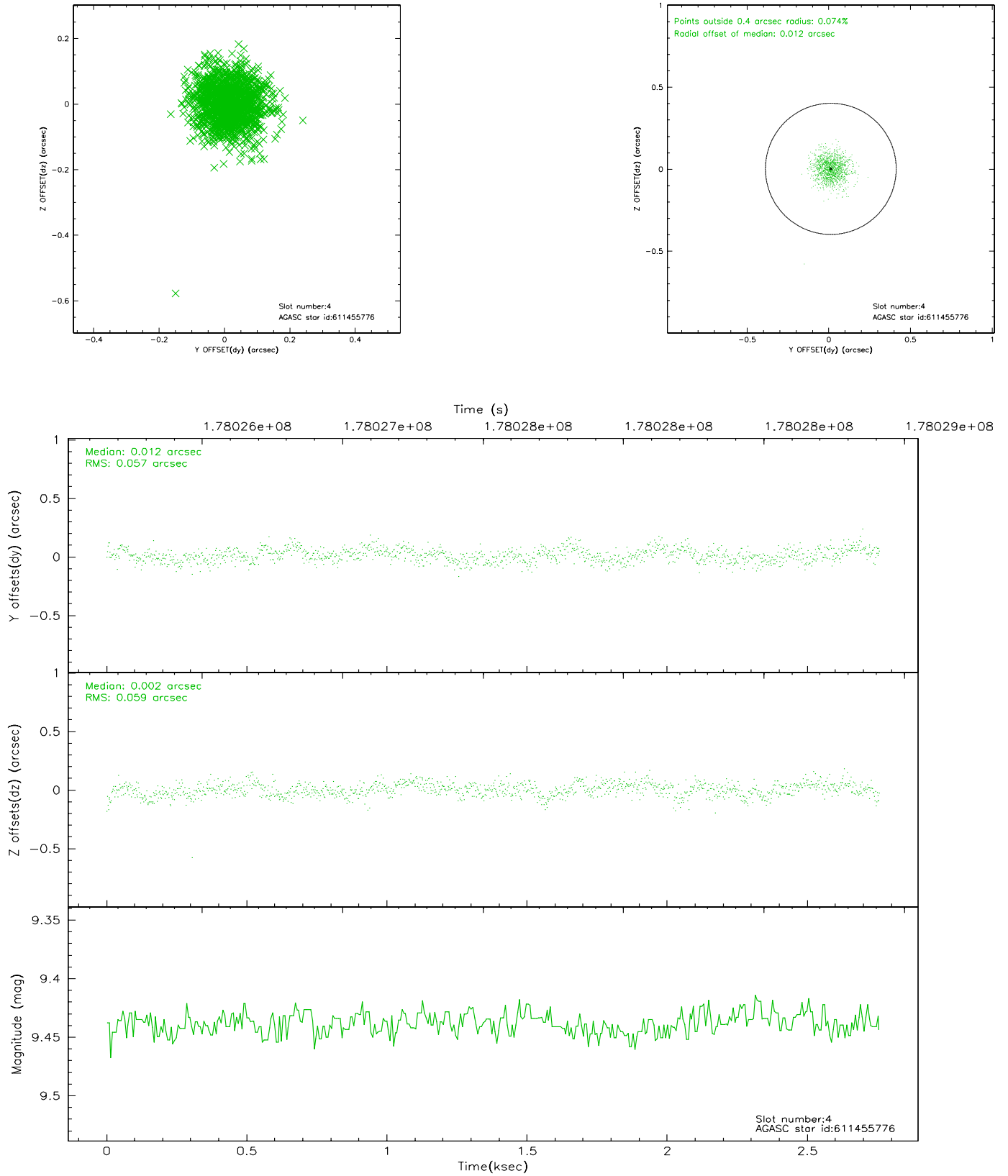
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	673	-0.031	-0.013	0.007	0.011	0.000000	0.000000	-758.96	-1730.05
1	FID	ACIS-S-4	7.20	673	0.020	0.018	0.004	0.009	0.000000	0.000000	2153.32	176.04
2	FID	ACIS-S-5	7.22	672	-0.020	0.004	0.006	0.012	0.000000	0.000000	-1808.78	172.37
3	GUIDE	611455432	8.52	1346	-0.098	0.140	0.062	0.101	5.918378	-0.541387	1724.41	-942.31
4	GUIDE	611455776	9.44	1346	0.012	0.002	0.086	0.139	5.370059	-0.940901	993.08	1386.51
5	GUIDE	611455848	9.21	1346	-0.043	-0.049	0.107	0.155	5.558330	-0.945971	758.67	751.97
6	GUIDE	611458248	9.00	1346	0.123	-0.030	0.067	0.110	5.827673	-1.559564	-1644.11	537.92
7	GUIDE	611458720	9.53	1345	0.004	-0.064	0.104	0.159	5.207365	-0.871100	1415.60	1862.42

2.4 Star Slots

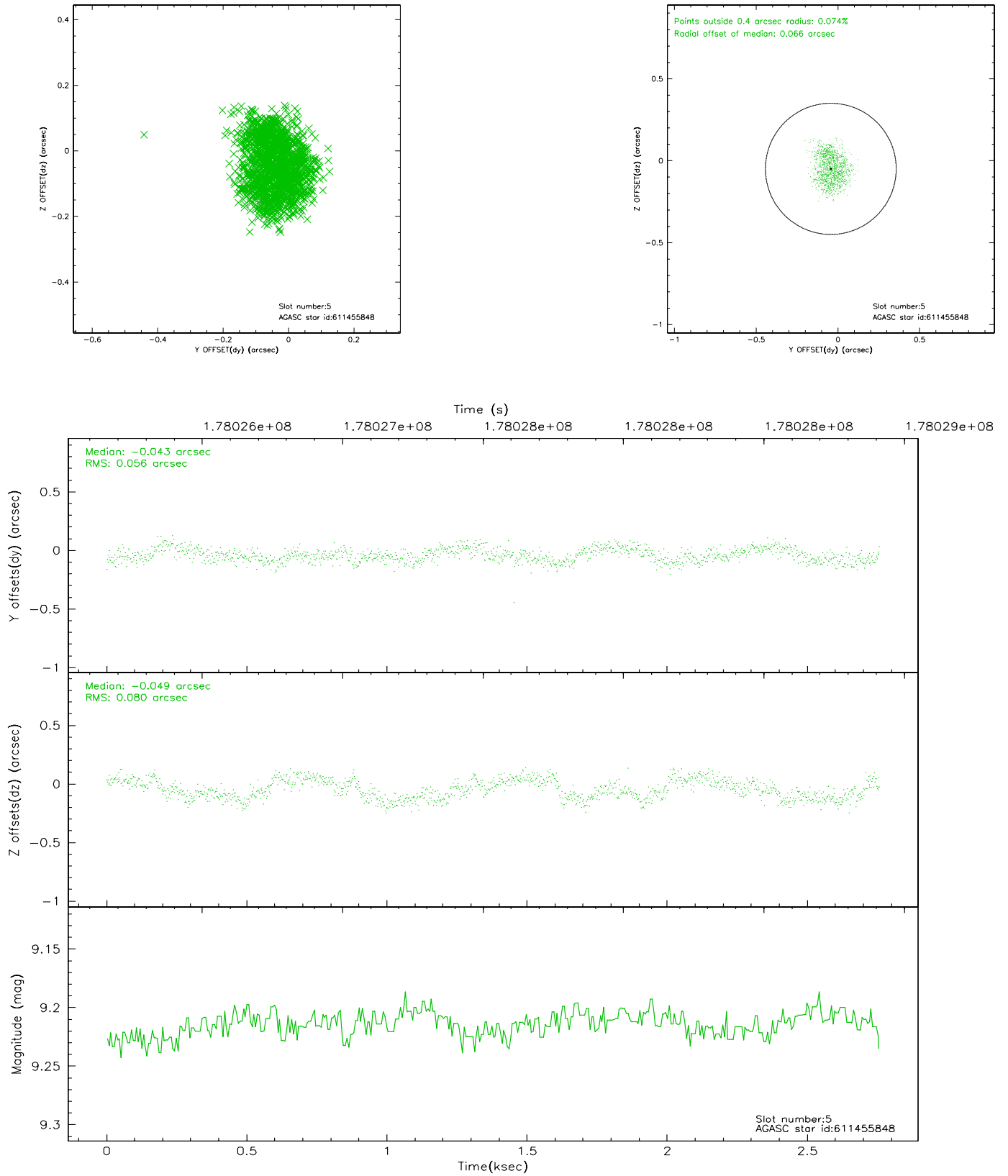
2.4.1 Slot 3



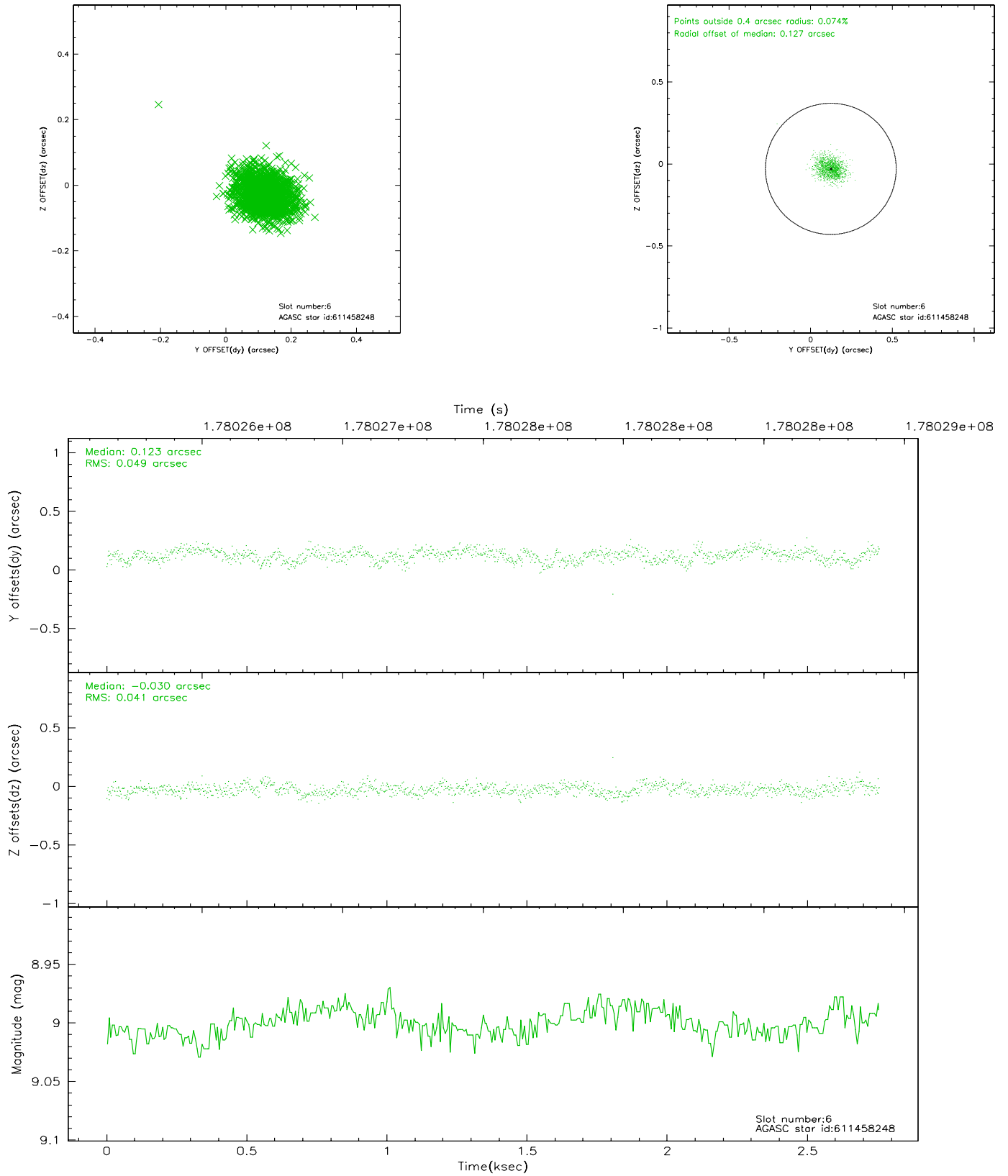
2.4.2 Slot 4



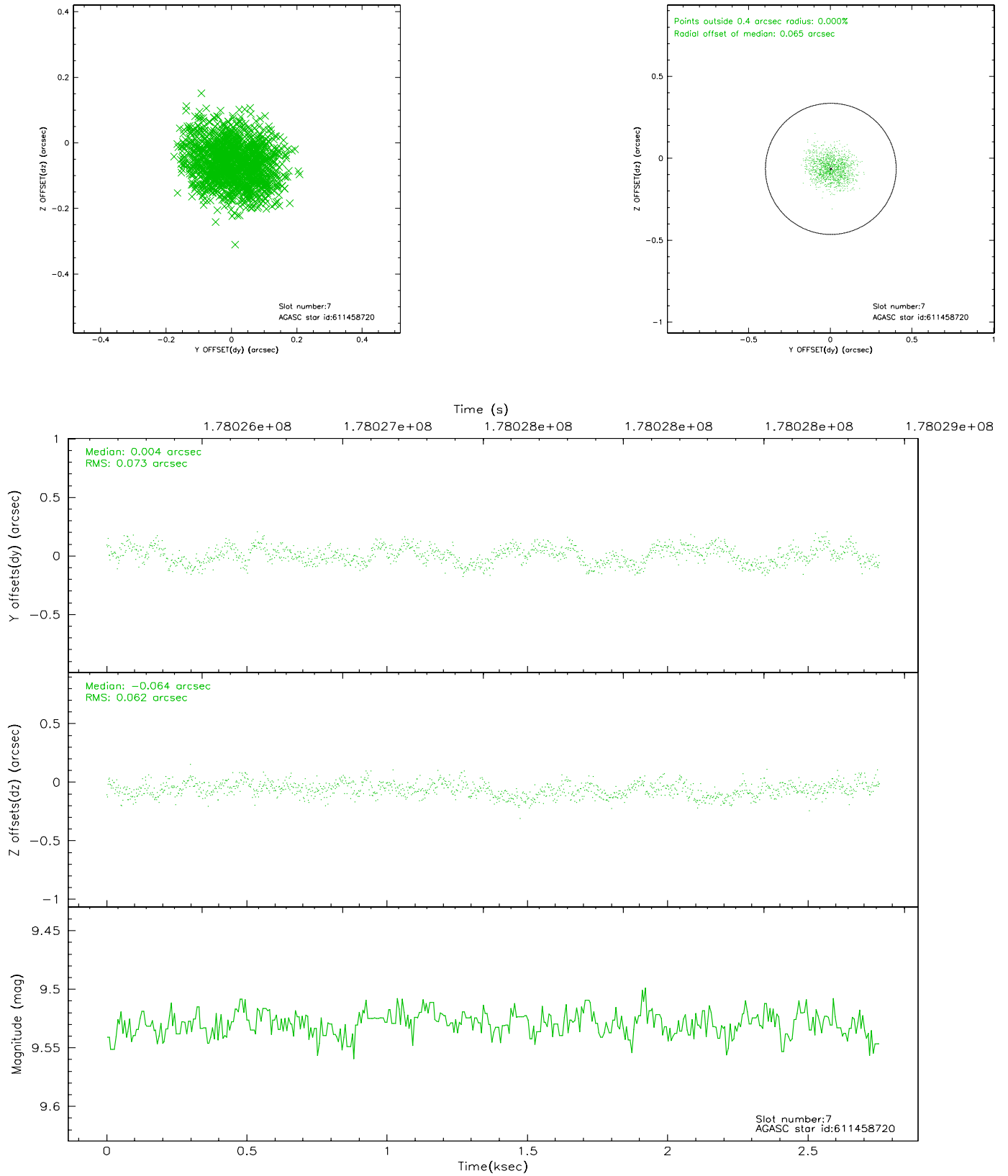
2.4.3 Slot 5



2.4.4 Slot 6

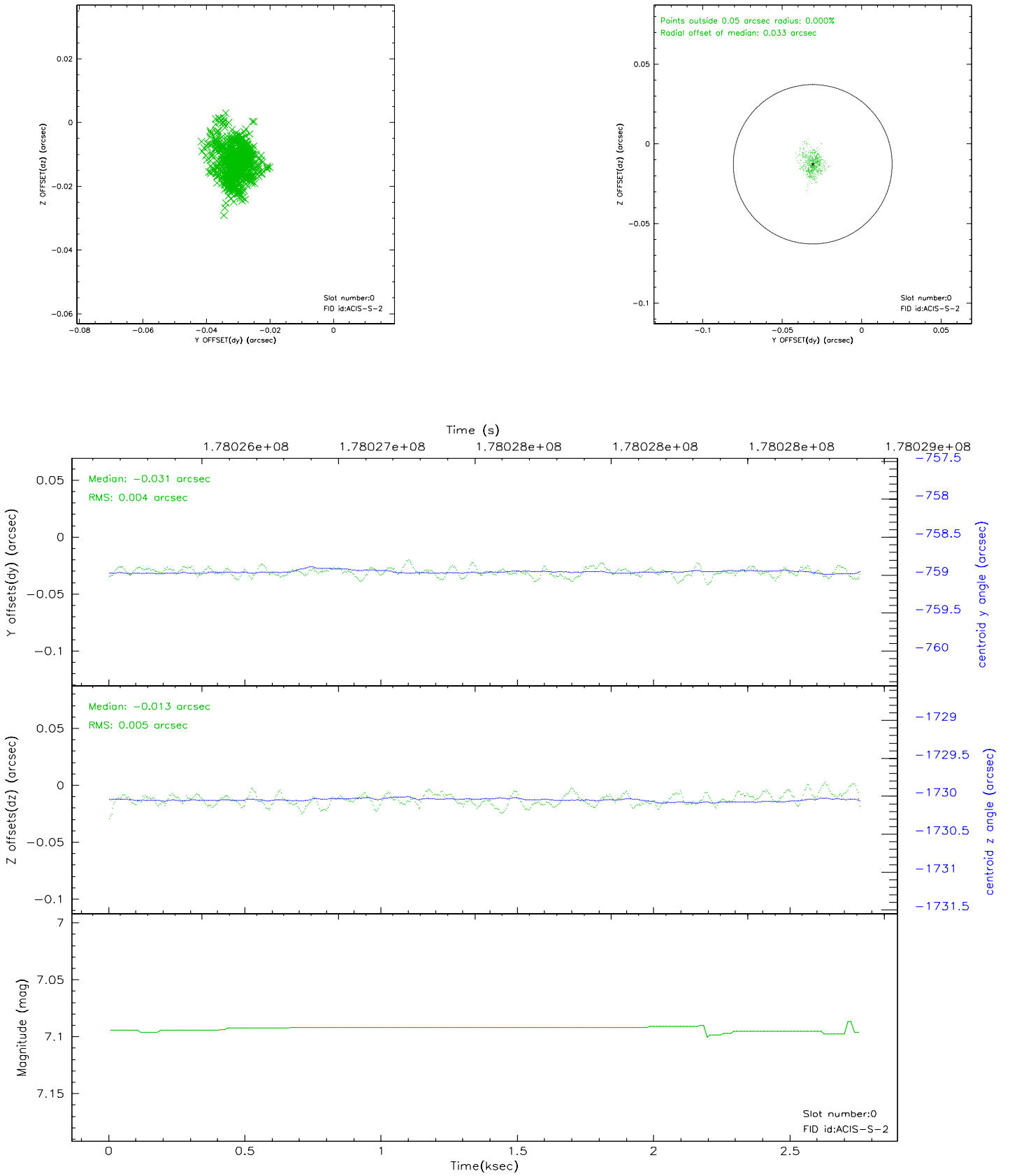


2.4.5 Slot 7

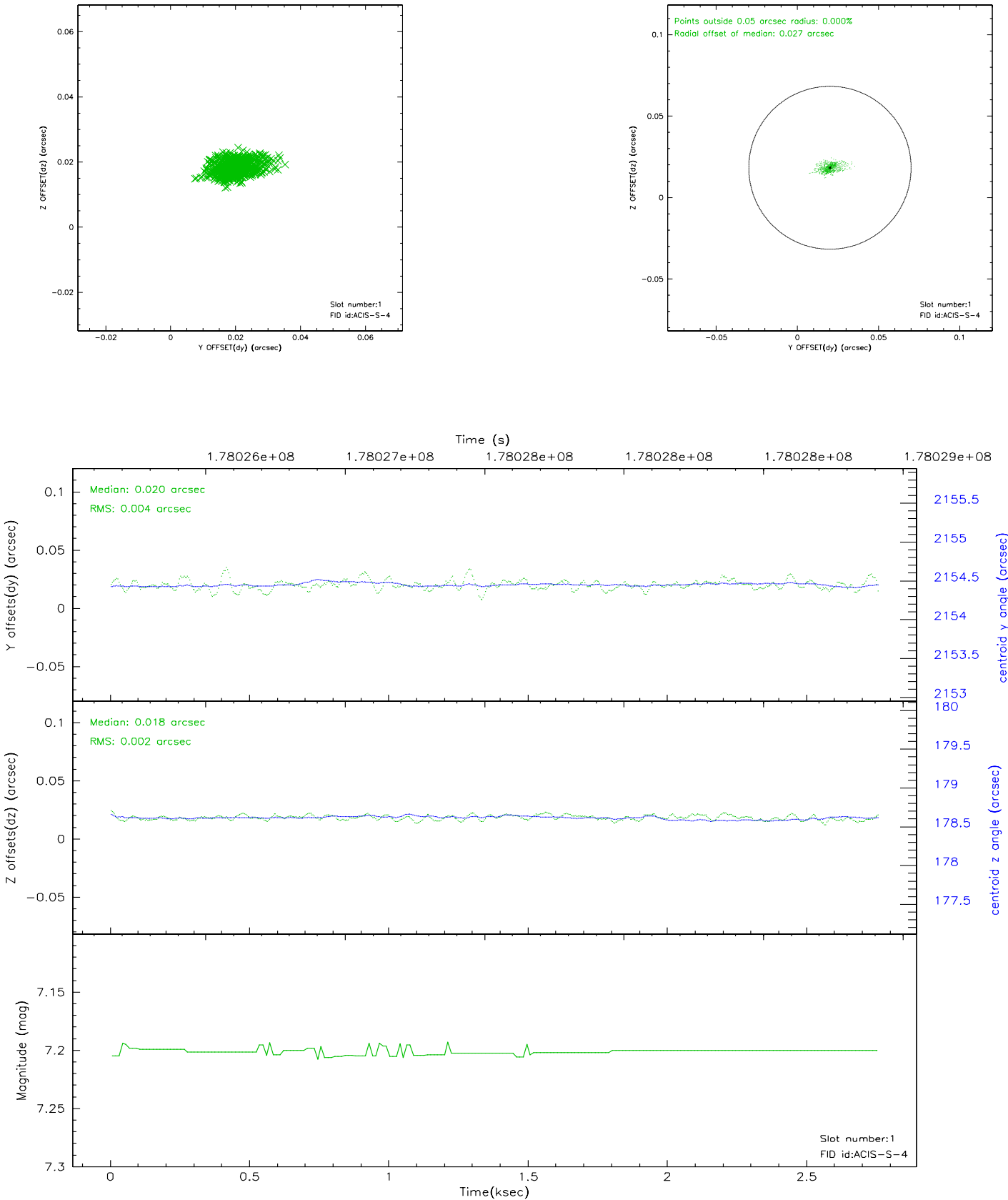


2.5 FID Slots

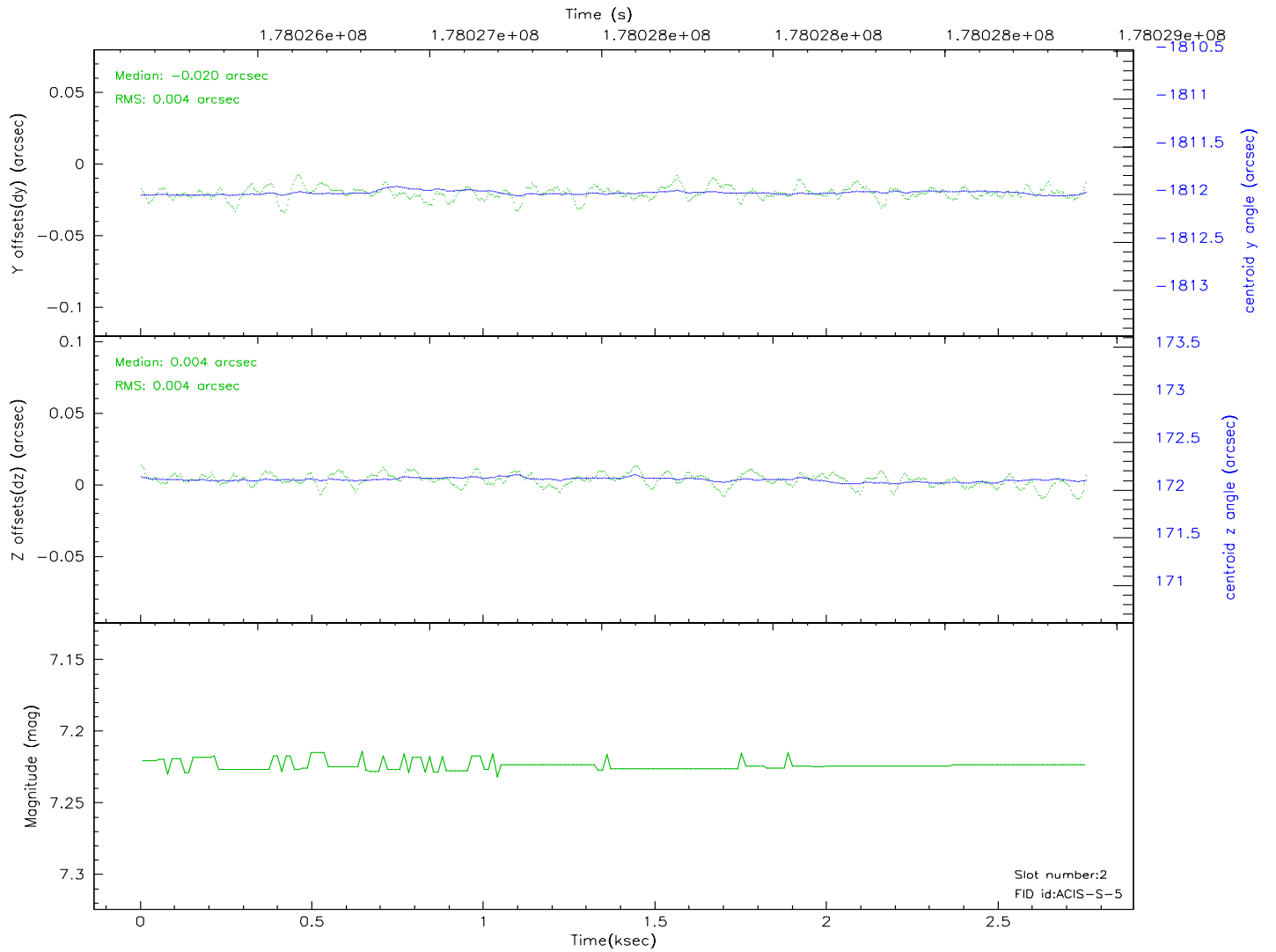
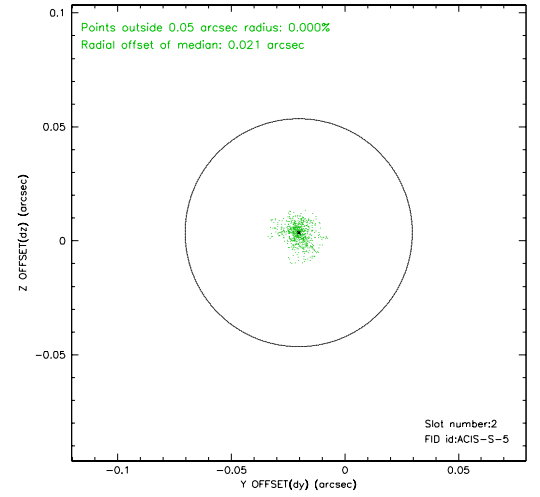
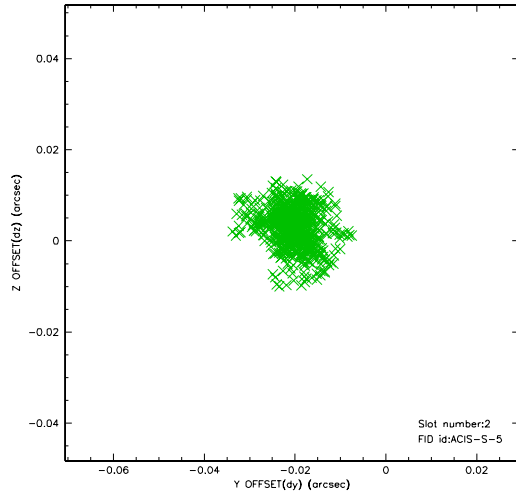
2.5.1 Slot 0



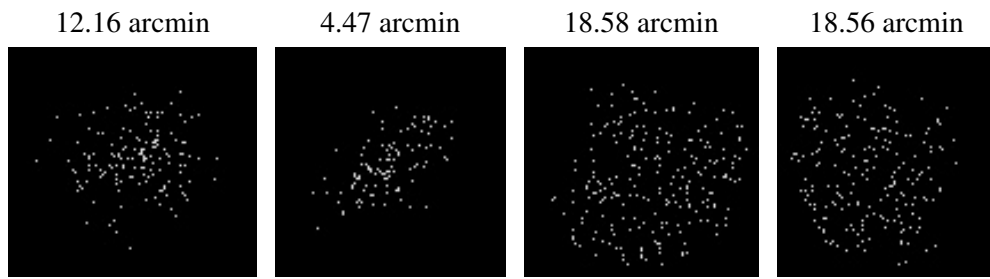
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.964

A.2 Comments