

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 731 - L2 Version 001
Chandra X-Ray Center

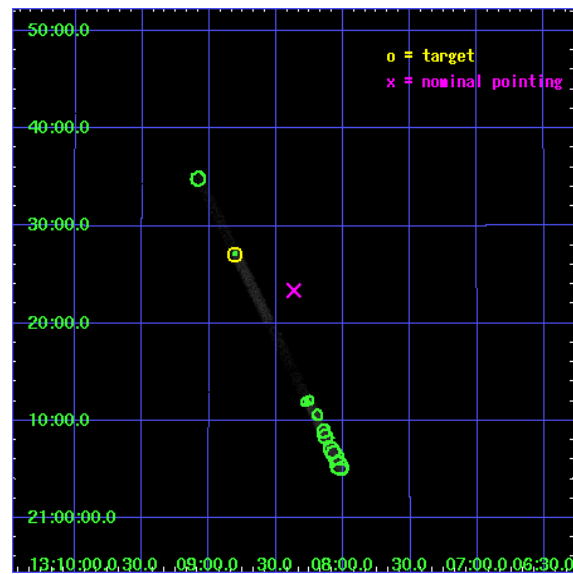
L2 Processing Date : May 27 2007

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1 Front

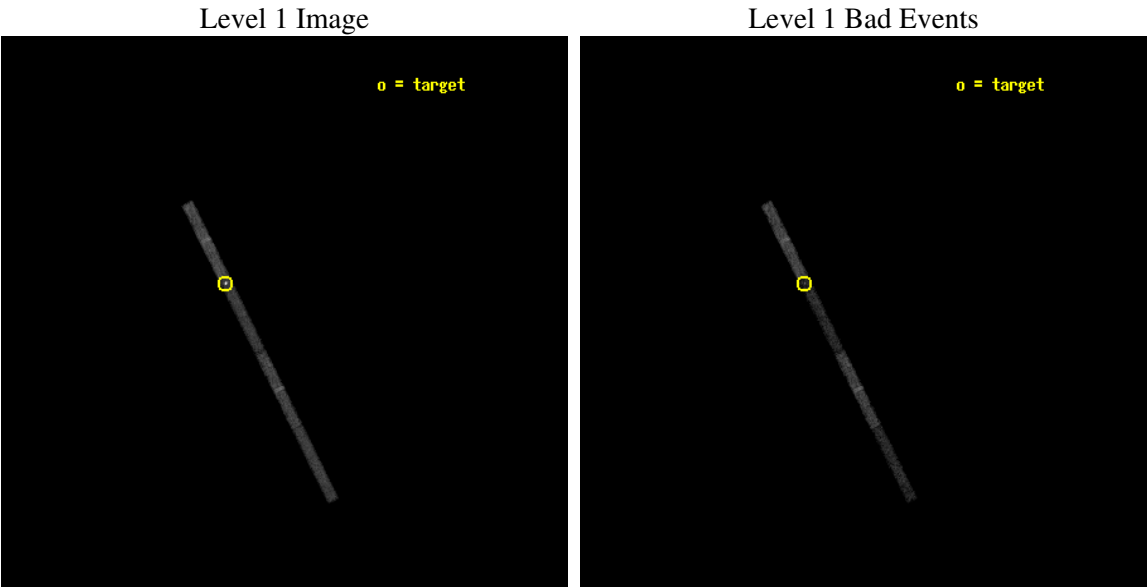
seq_num	500027
obs_id	731
title	RBS 1223 - A NEW ISOLATED NEUTRON STAR?
observer	PROF. GUENTHER HASINGER
object	RBS 1223
dtcycle	0
cycle	P
ra_targ	197.2025
dec_targ	21.452389
ra_nom	197.09182578627
dec_nom	21.389923746043
roll_nom	243.50485645626
revision	3
ontime	10276.0
livetime	9496.5252107053
ontime5	10276.0
ontime6	10276.0
ontime7	10276.0
ontime8	10276.0
l2events	19414



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 5

Chip 6

Chip 7



Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldsver	3.4.0
date	2007-05-27T10:09:03
revision	3

sched_exp_time	9550.000000
ontime	10276.0
ontime5	10276.0
ontime6	10276.0
ontime7	10276.0
ontime8	10276.0
l1events	63033

2.1.4 Events

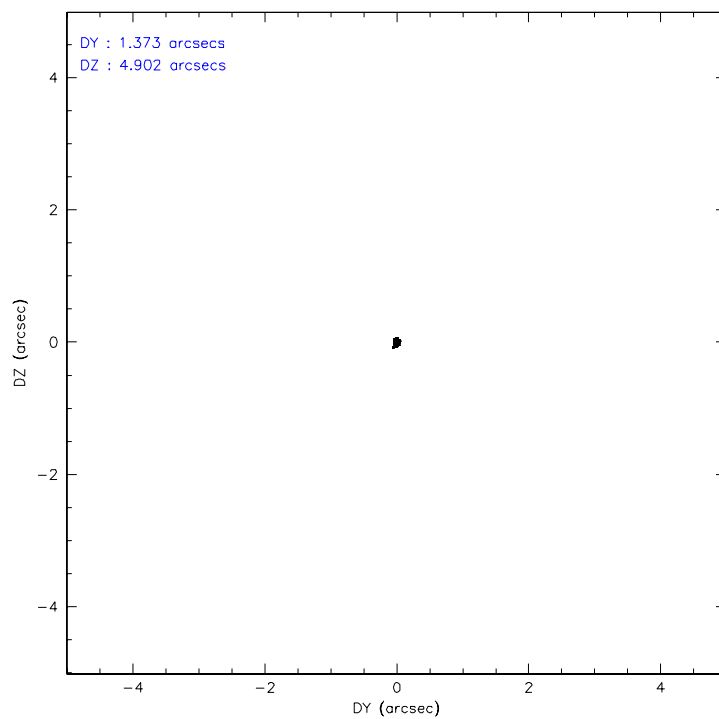
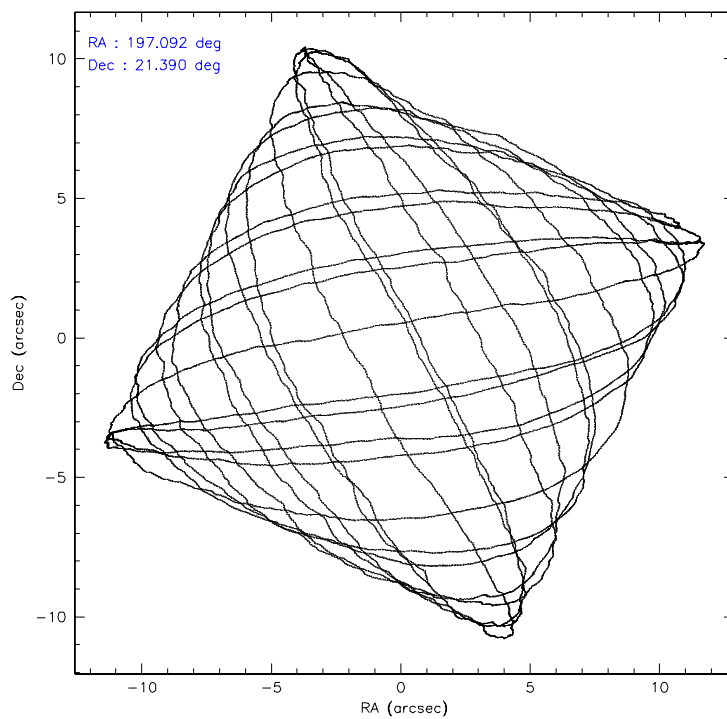
	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	11235	14576	18442	18780
rejected events	5786	13264	6153	16102
rejected %	51%	90%	33%	85%

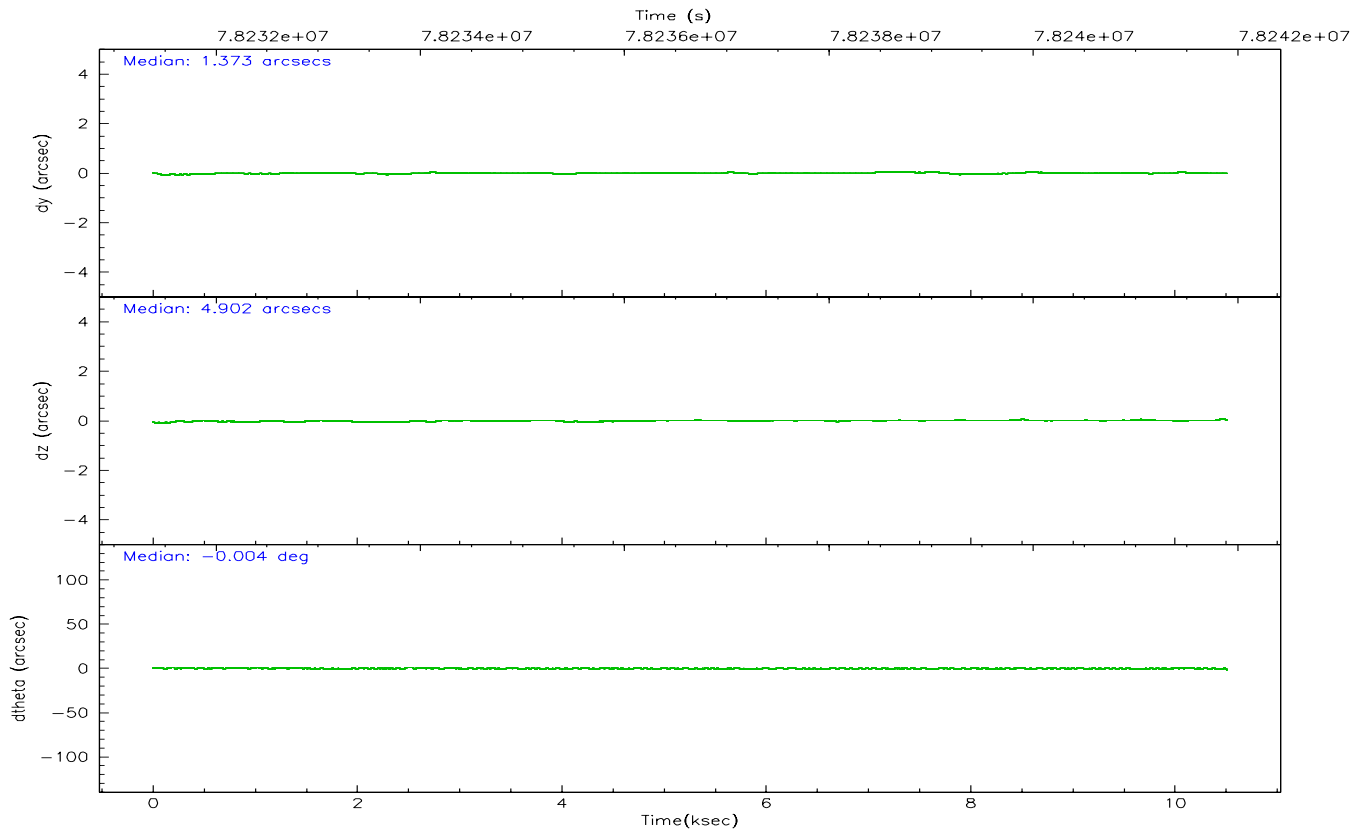
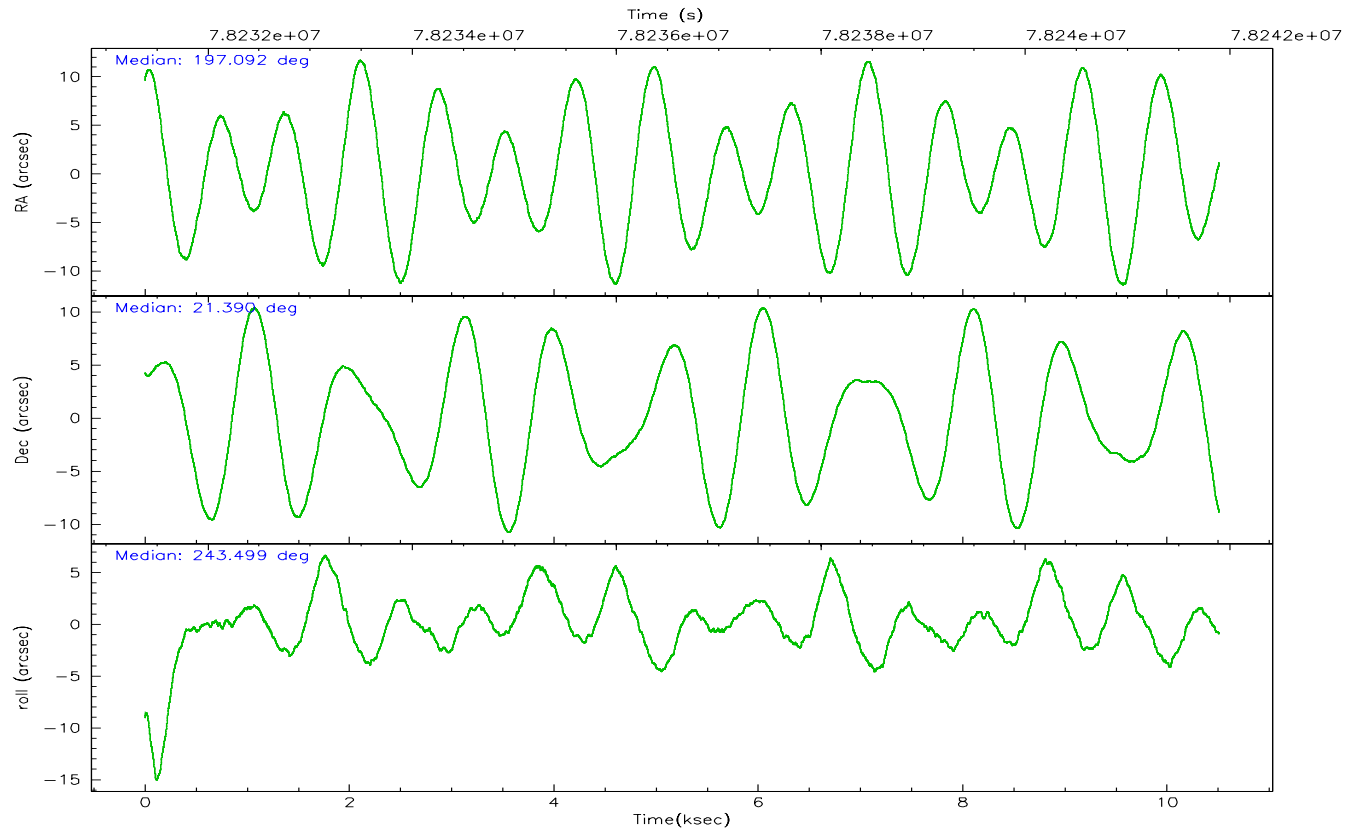
	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	569	397	3690	765
	5%	2%	20%	4%
grade 1 events	7	3	16	8
	0%	0%	0%	0%
grade 2 events	1360	171	2854	417
	12%	1%	15%	2%
grade 3 events	508	260	1521	442
	4%	1%	8%	2%
grade 4 events	511	277	1413	392
	4%	1%	7%	2%
grade 5 events	1053	278	954	299
	9%	1%	5%	1%
grade 6 events	2501	207	2812	662
	22%	1%	15%	3%
grade 7 events	4726	12983	5182	15795
	42%	89%	28%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-5678	ACIS-5678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	197.089893	197.0918257862674	Subarray requested	CUSTOM	1/8
Pointing Dec	21.417256	21.38992374604305	Subarray start row	1	1
Pointing Roll	243.348930	243.5048564562626	Subarray row count	128	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.500000	0.5
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	78232343.184000	78230999.243889			
Observation start date	2000-06-24T11:11:19	2000-06-24T10:49:59			
Observation end time	78241893.184000	78242344.96930701			
Observation end date	2000-06-24T13:50:29	2000-06-24T13:59:04			
Read mode	TIMED	TIMED			

2.3 Aspect



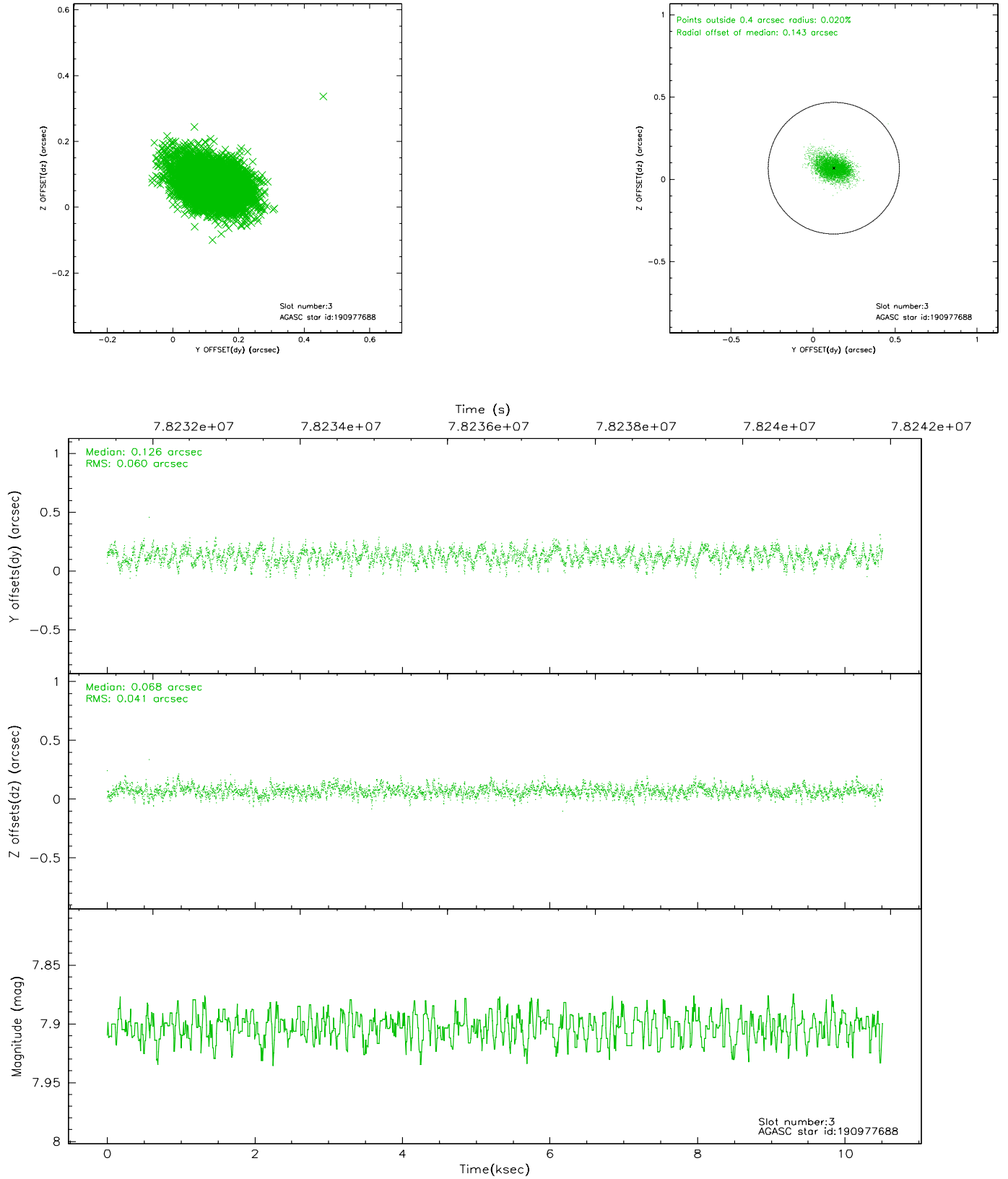


Slot Statistics

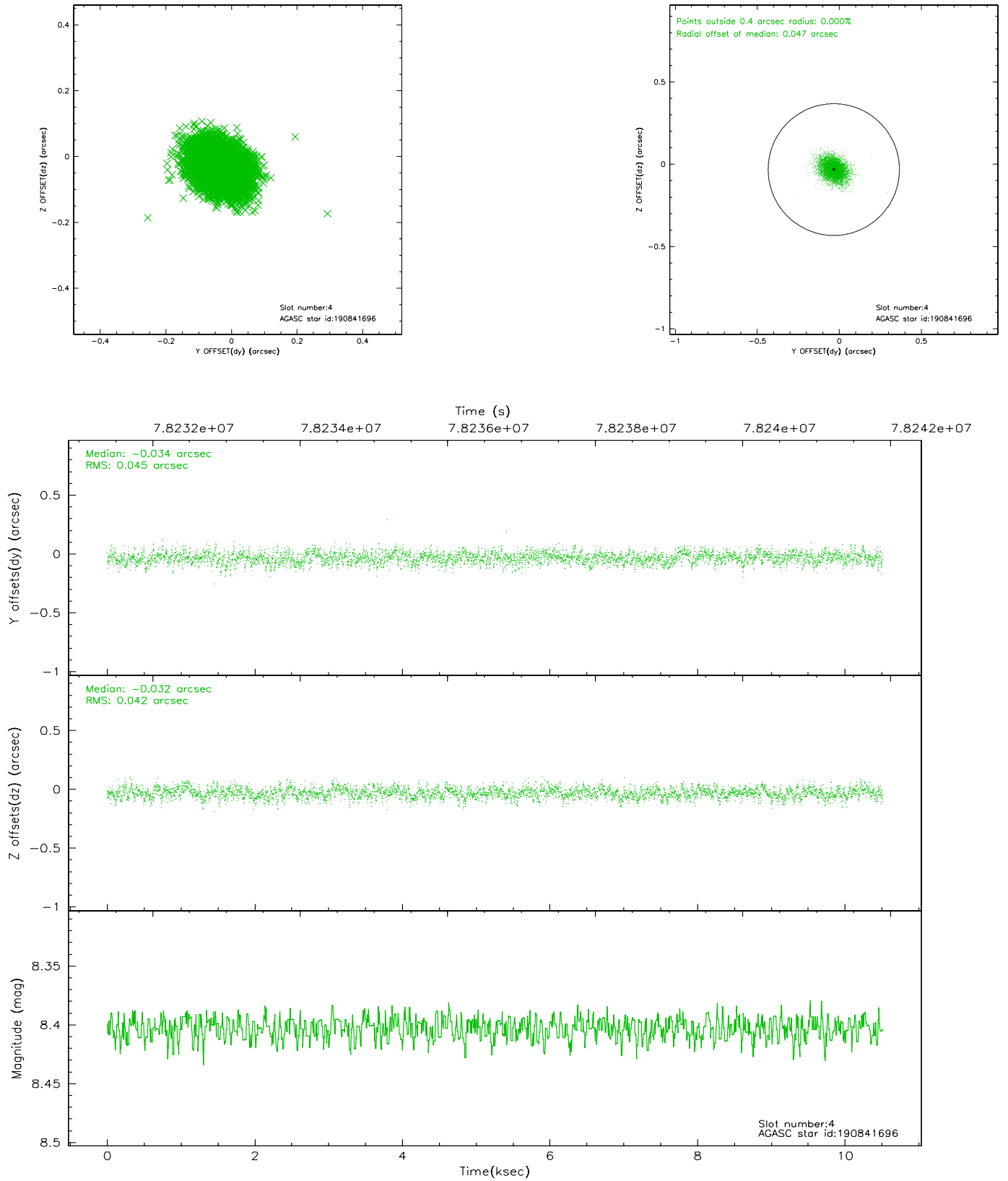
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2563	-0.023	0.016	0.007	0.011	0.000000	0.000000	-753.99	-1725.94
1	FID	ACIS-S-4	7.21	2564	-0.042	0.007	0.005	0.009	0.000000	0.000000	2159.04	182.03
2	FID	ACIS-S-5	7.24	2564	0.035	-0.015	0.006	0.010	0.000000	0.000000	-1806.14	176.23
3	GUIDE	190977688	7.90	5128	0.126	0.068	0.075	0.126	197.454100	20.653773	1904.80	2329.58
4	GUIDE	190841696	8.40	5129	-0.034	-0.032	0.065	0.107	197.285441	21.456102	-419.07	523.52
5	GUIDE	190973928	9.86	5125	-0.136	0.073	0.129	0.208	197.904188	21.564389	-1703.23	2196.34
6	GUIDE	190979840	10.36	5124	0.055	0.114	0.148	0.238	197.337465	20.846267	1462.45	1667.38
7	GUIDE	190847304	10.15	5124	-0.012	-0.222	0.134	0.218	196.395854	21.619494	386.98	-2404.25

2.4 Star Slots

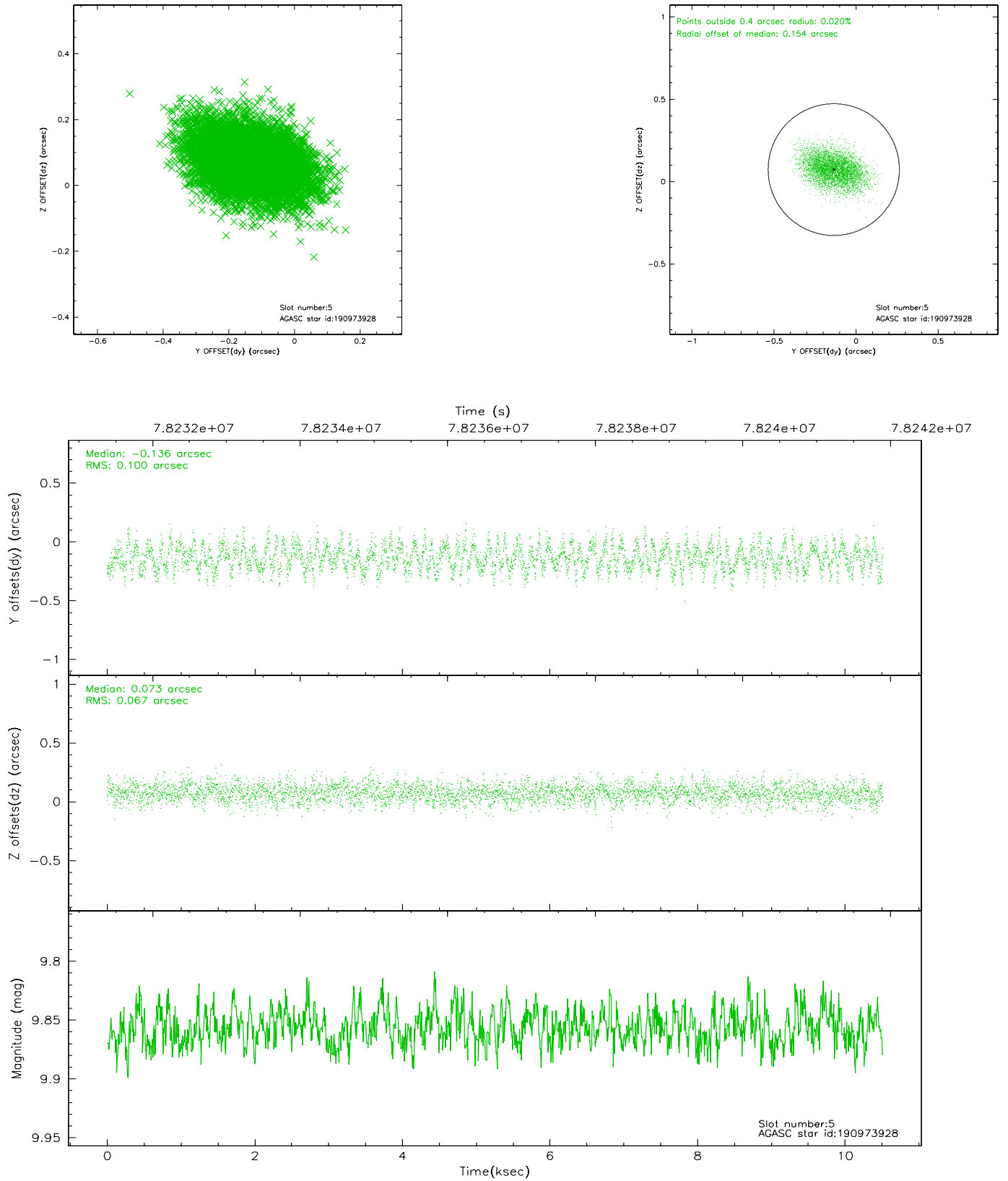
2.4.1 Slot 3



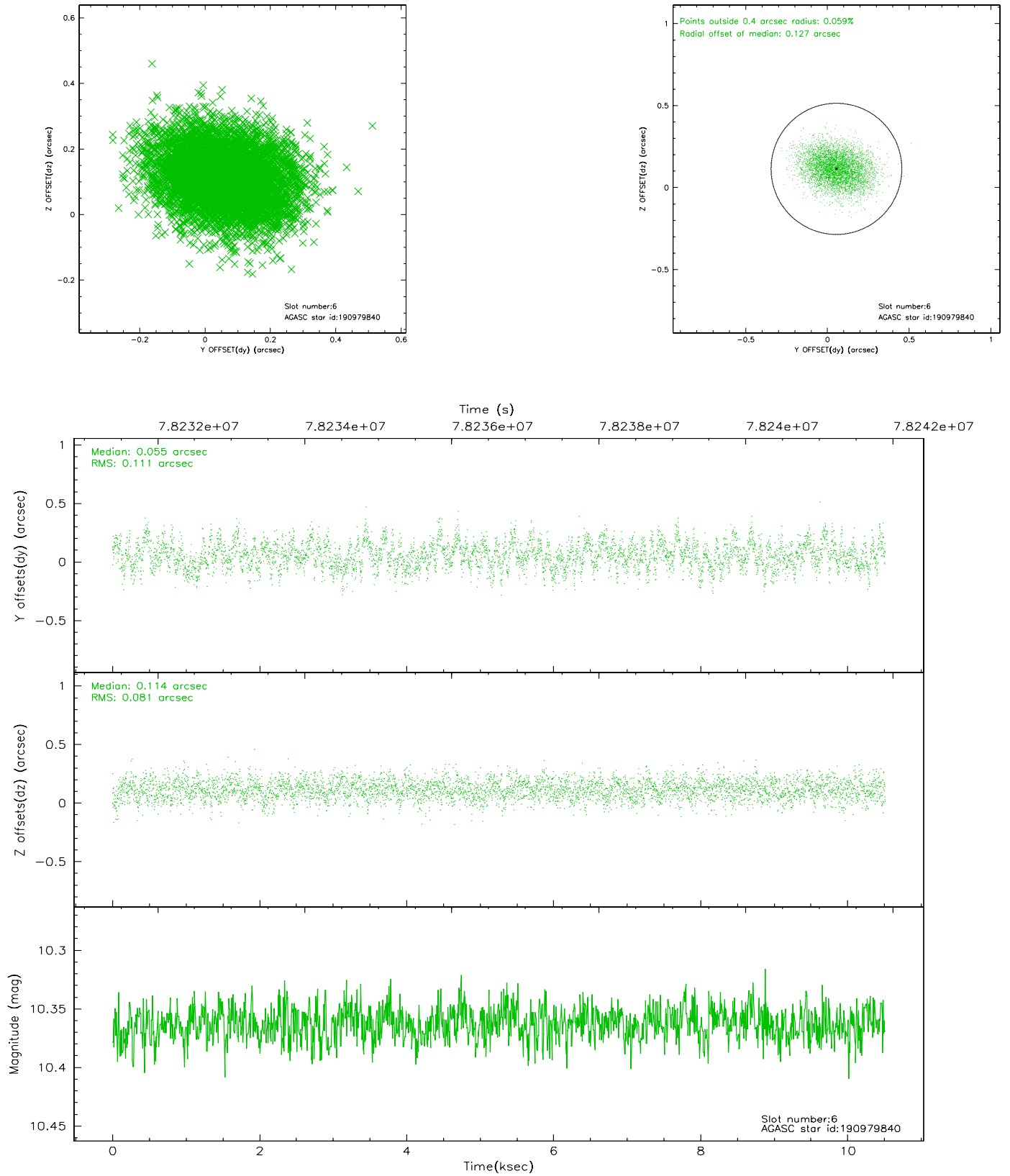
2.4.2 Slot 4



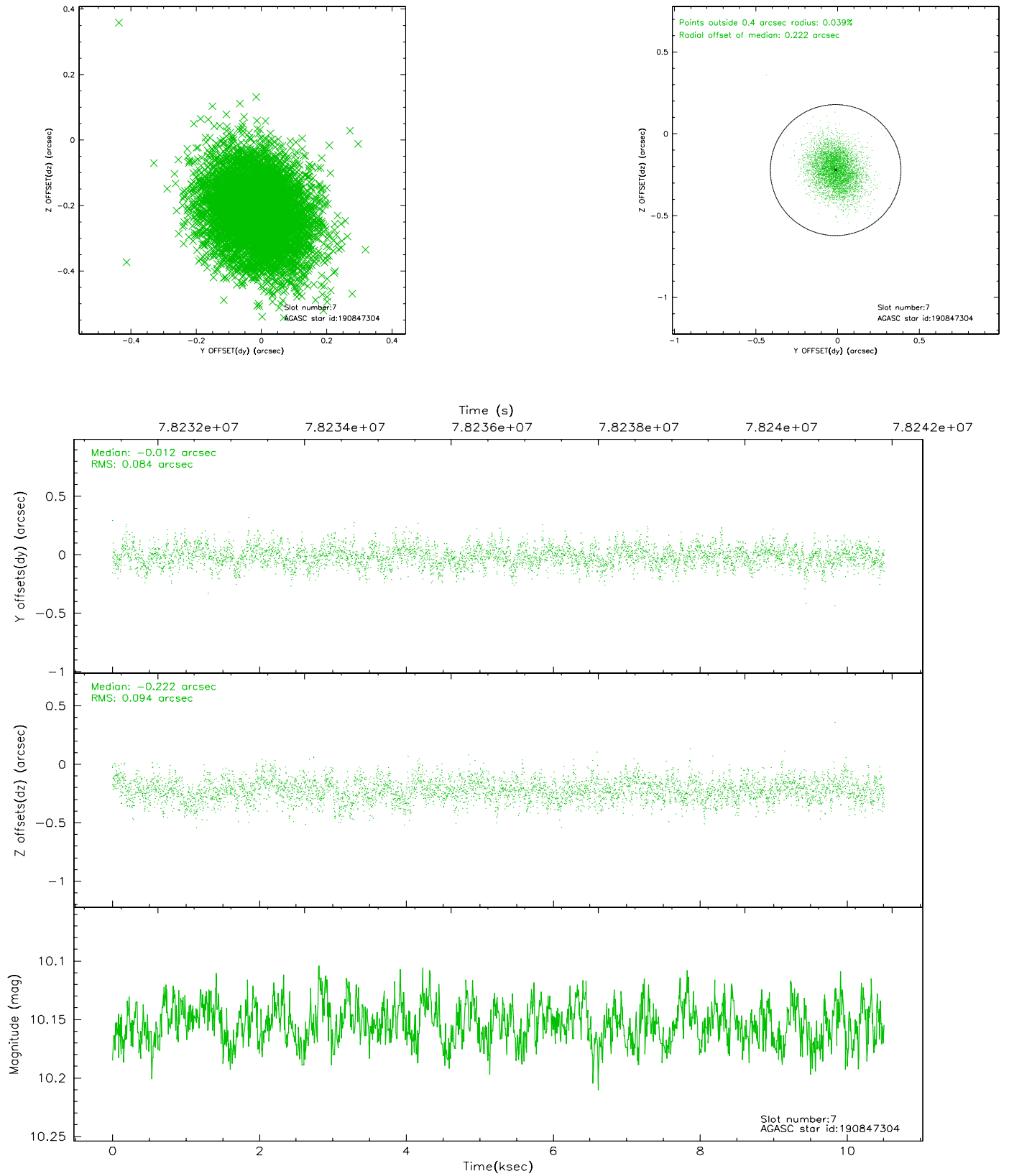
2.4.3 Slot 5



2.4.4 Slot 6

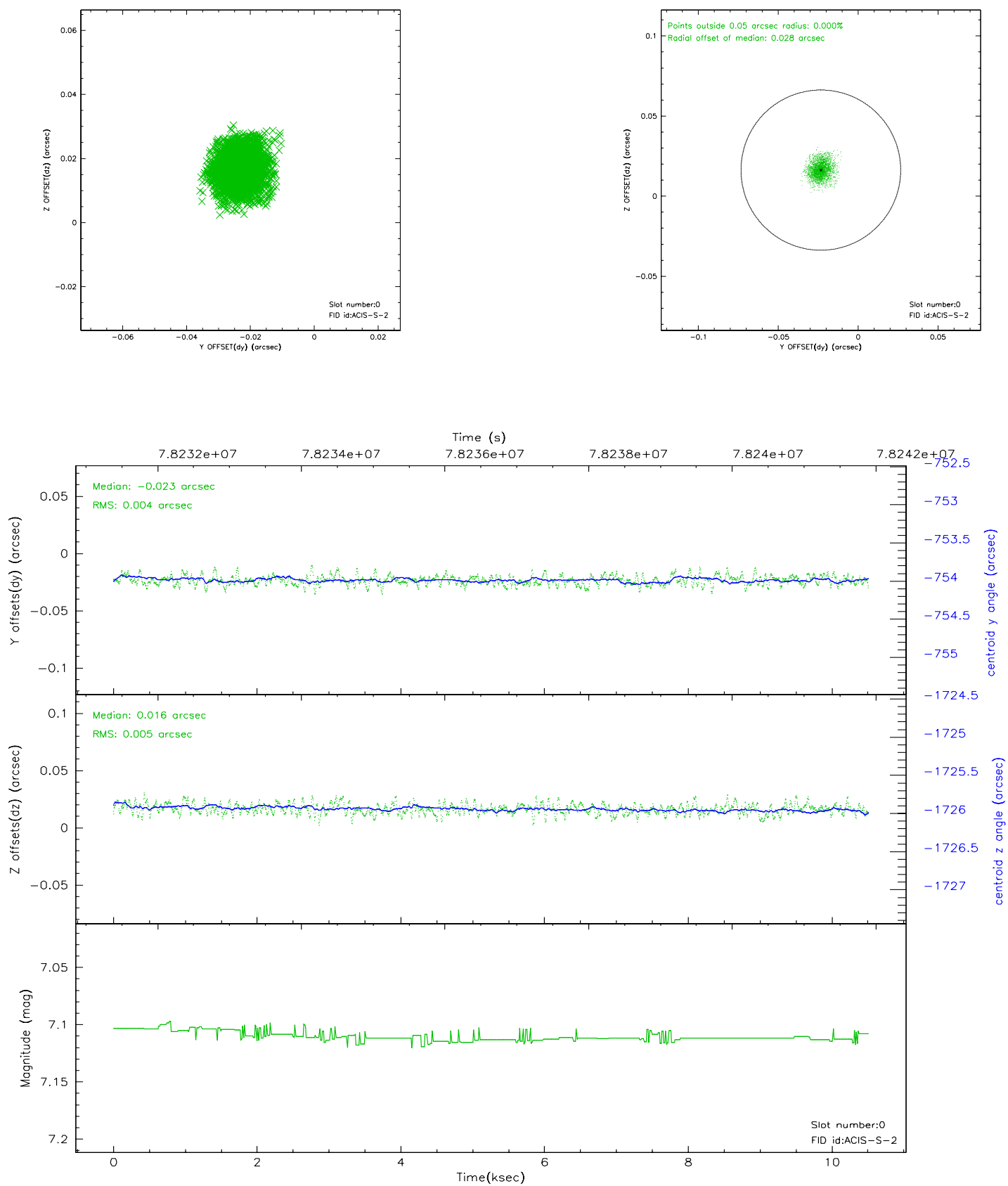


2.4.5 Slot 7

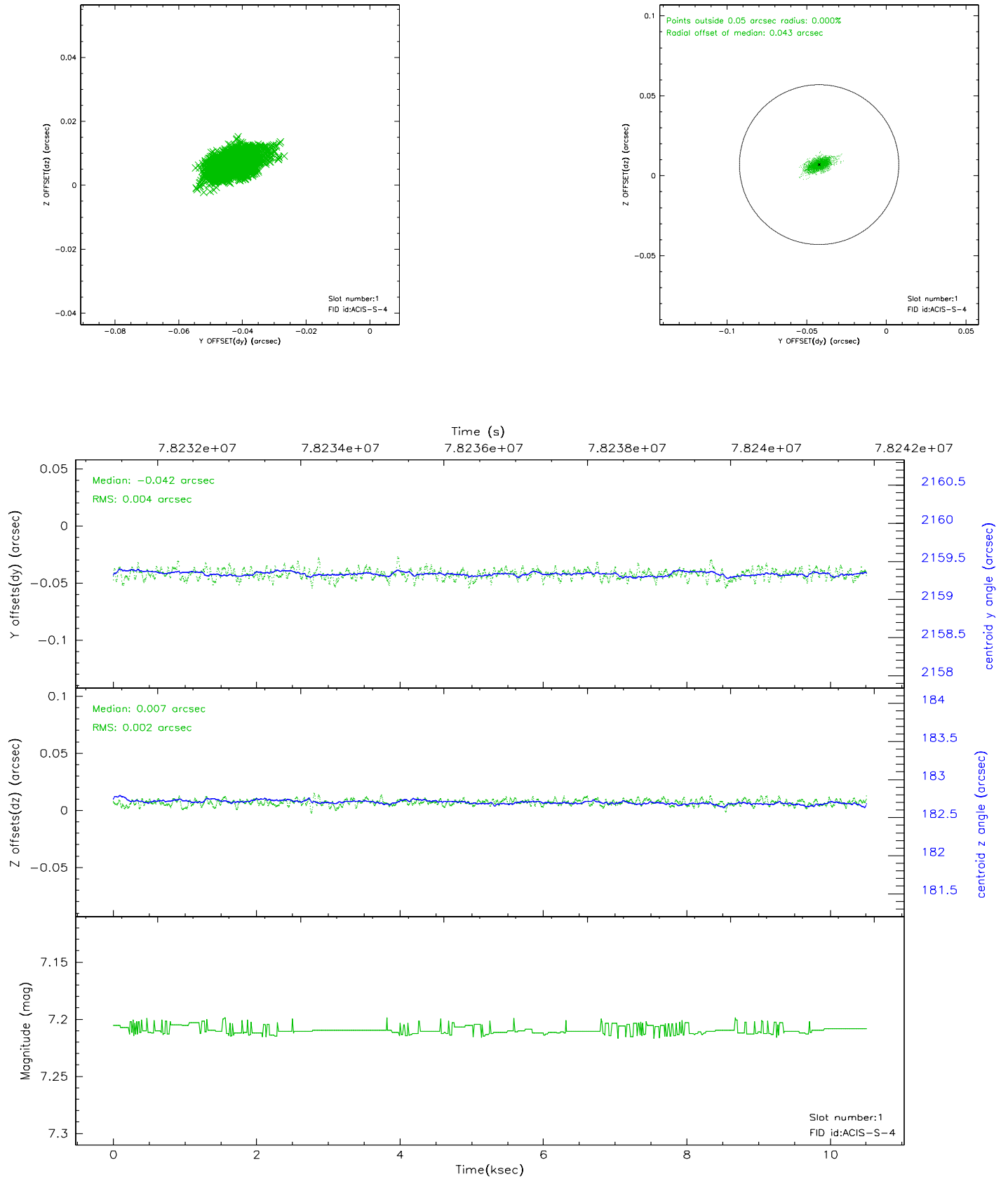


2.5 FID Slots

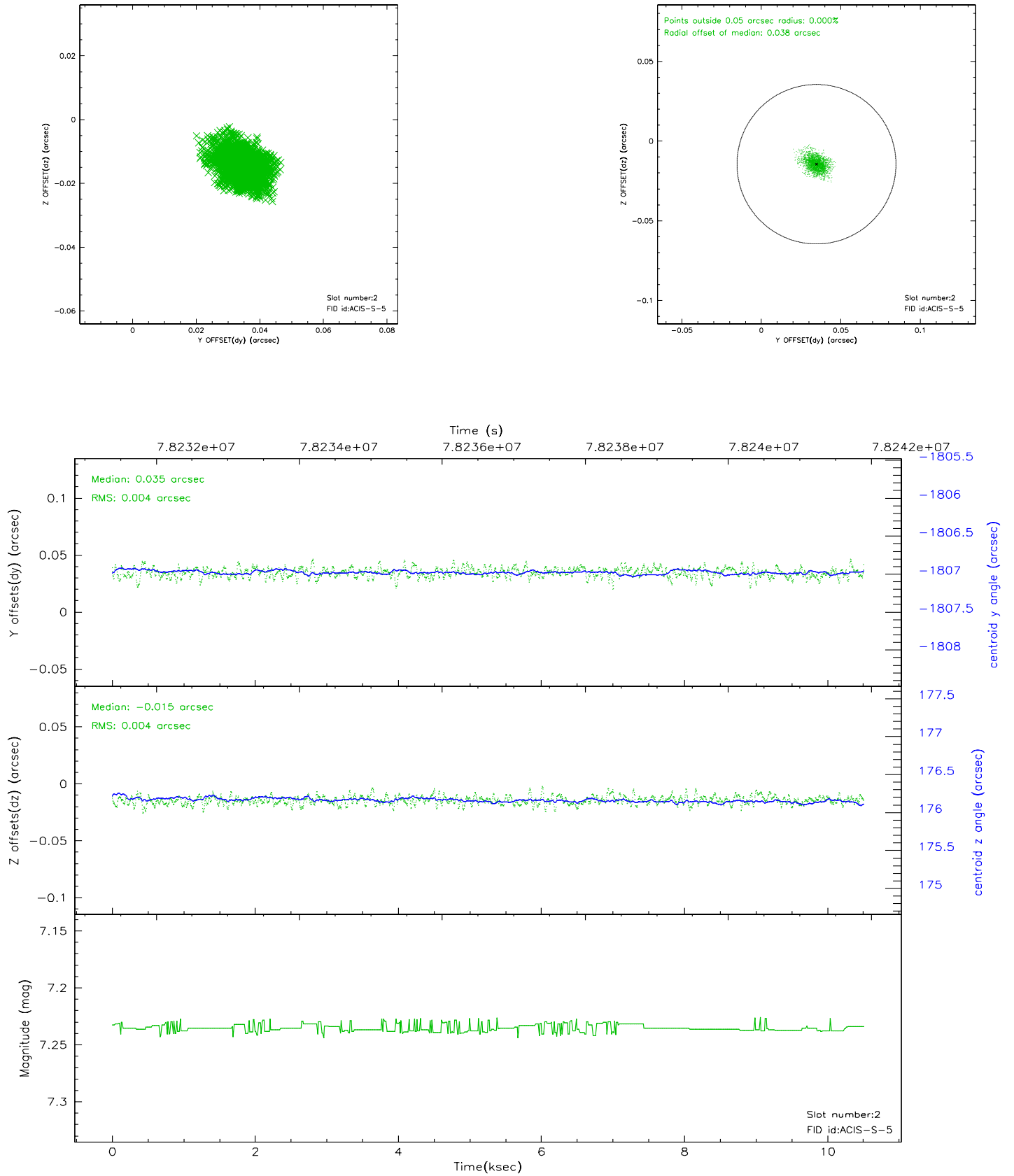
2.5.1 Slot 0



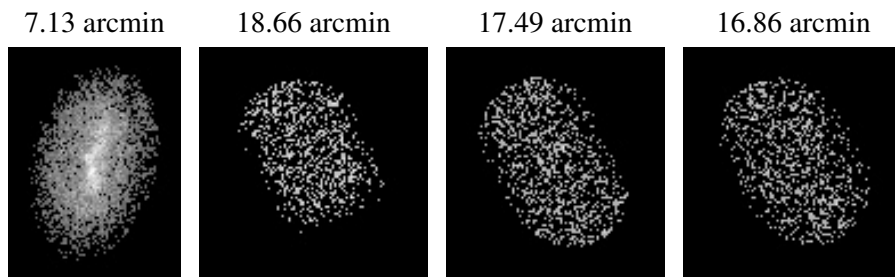
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.05.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.276

A.2 Comments