

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2771 - L2 Version 001
Chandra X-Ray Center

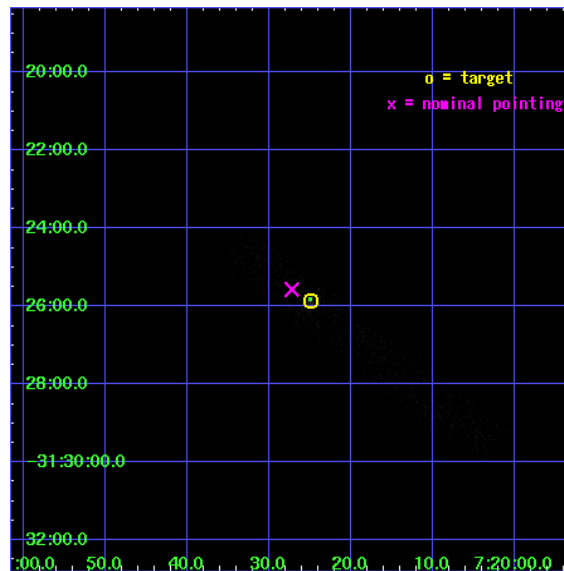
L2 Processing Date : Jan 21 2007

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1 Front

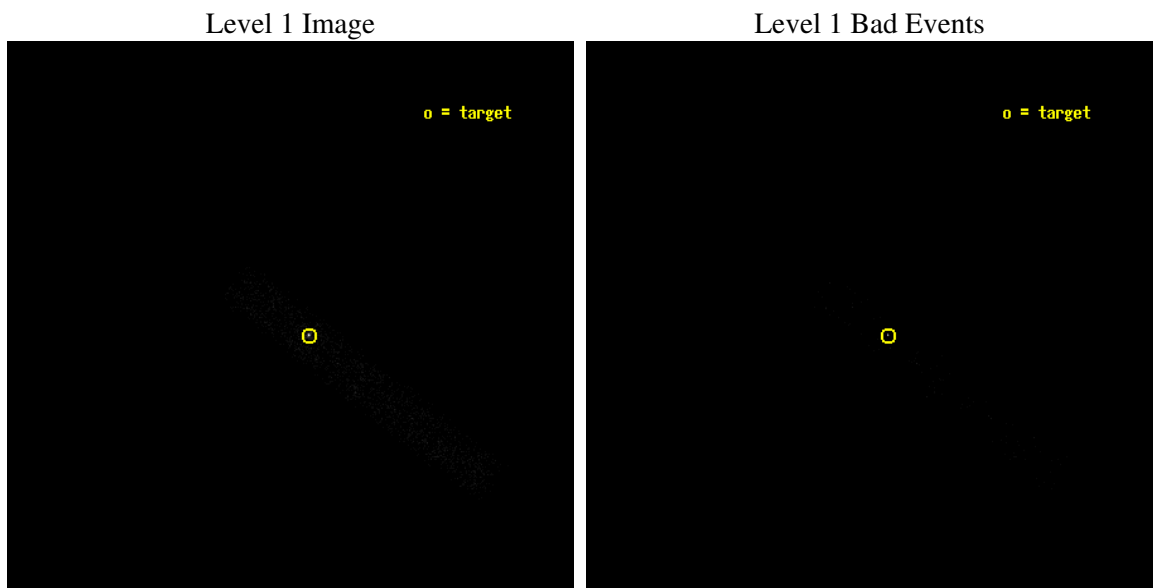
seq_num	500221
obs_id	2771
title	IS THE NEARBY ISOLATED NEUTRON STAR RX J0720.4-3125 A MAGNETAR?
observer	Prof. Shrinivas Kulkarni
object	RX J0720.4-3125
dtcycle	0
cycle	P
ra_targ	110.10375
dec_targ	-31.430806
ra_nom	110.11352880237
dec_nom	-31.426210321838
roll_nom	38.03477361412
revision	2
ontime	1858.8000276983
livetime	1685.8335096121
ontime7	1858.8000276983
l2events	3316



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-20T14:07:15
revision	2

sched_exp_time	1000.000000
ontime	1858.8000276983
ontime7	1858.8000276983
l1events	4728

2.1.4 Events

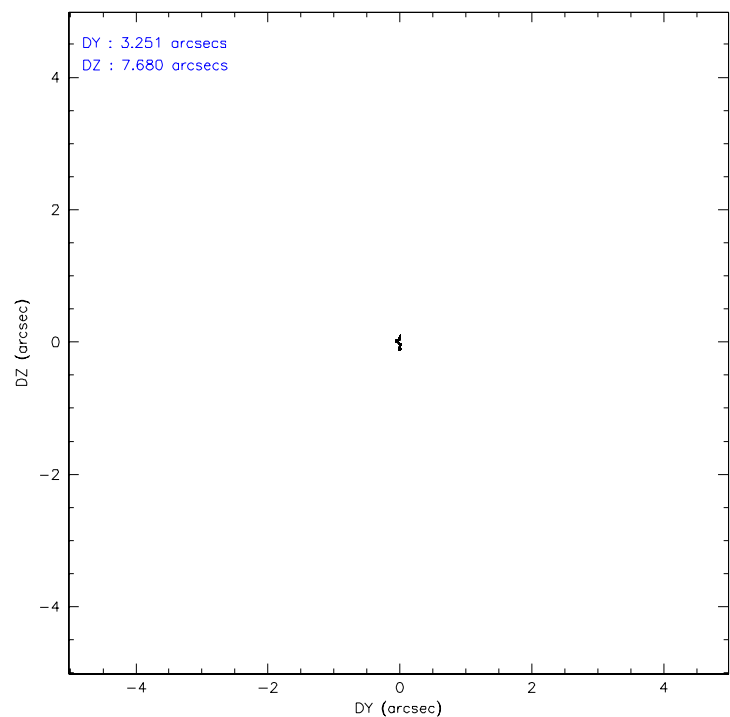
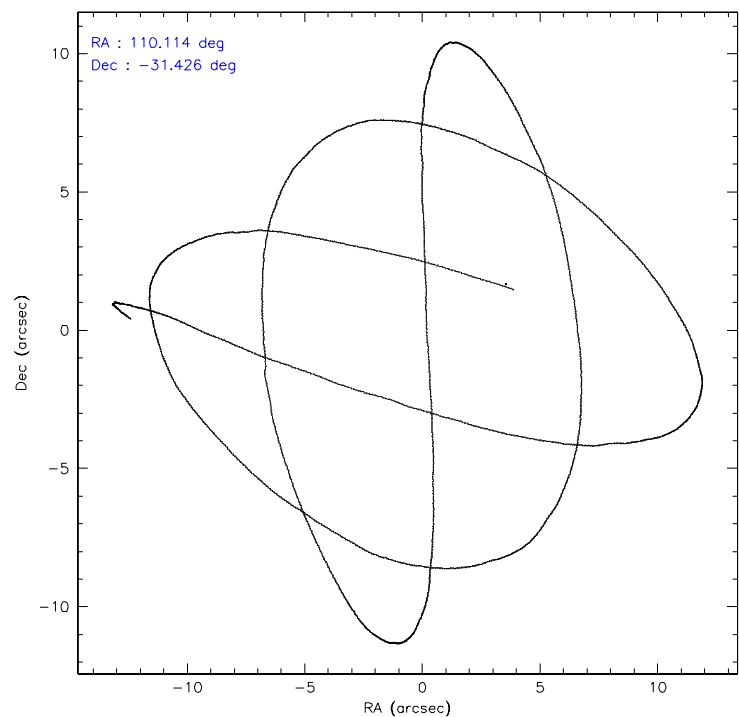
	ccd 7
level 1 events	4728
rejected events	1377
rejected %	29%

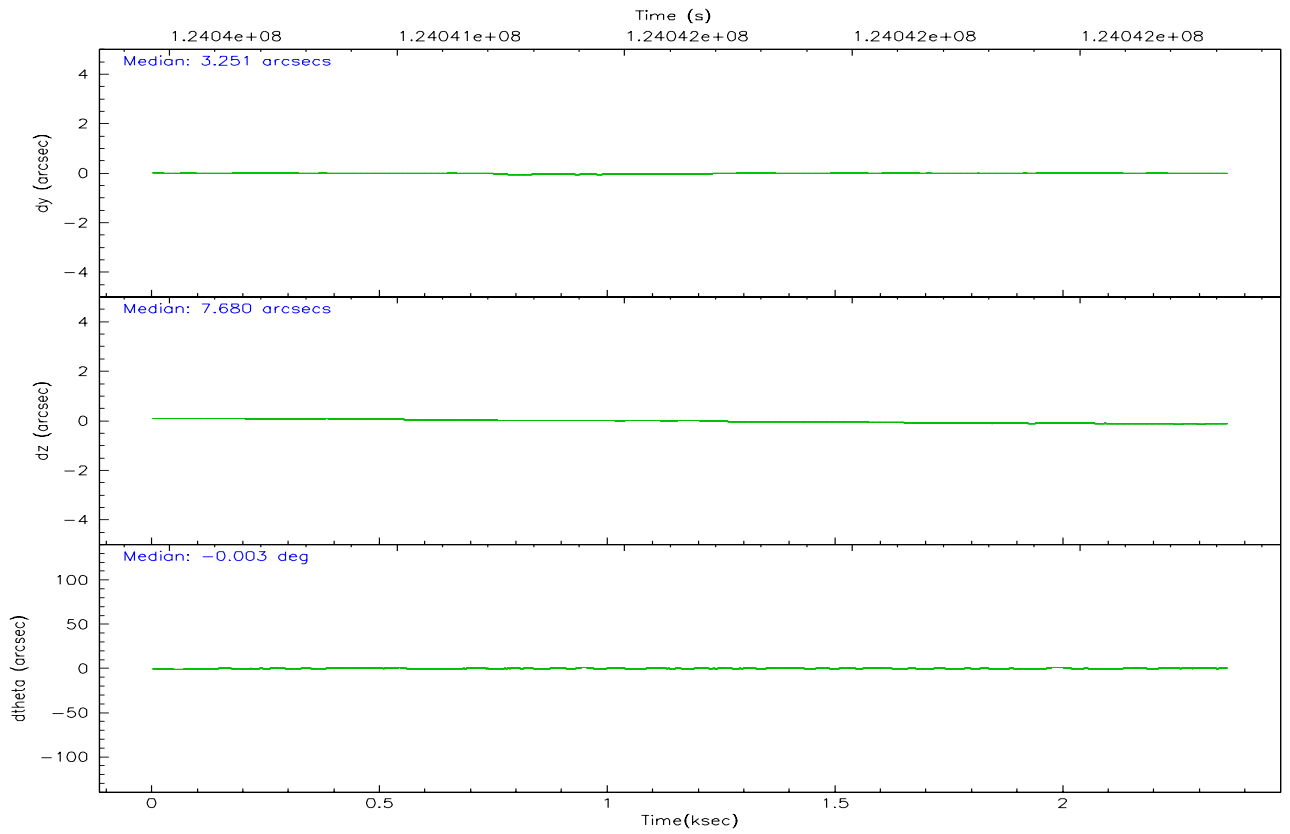
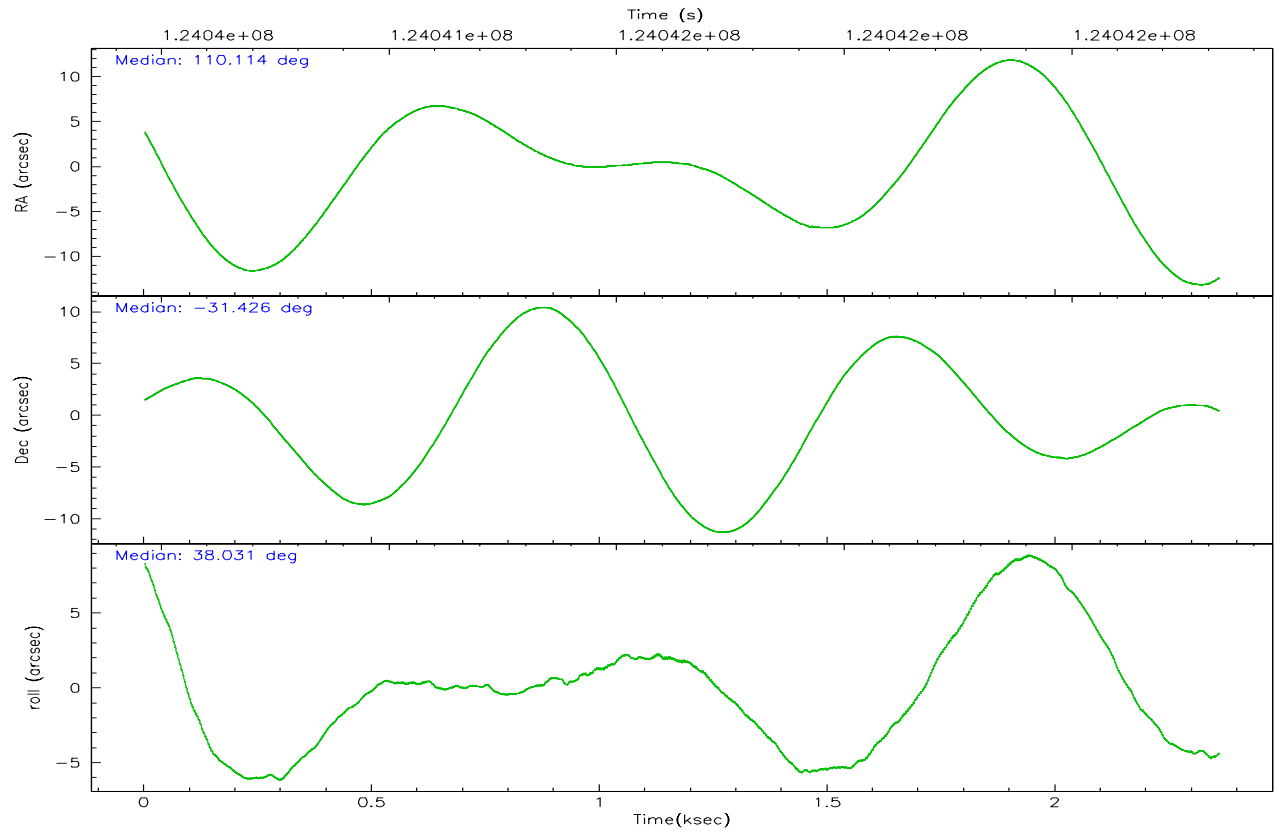
	ccd 7
grade 0 events	1240
	26%
grade 1 events	67
	1%
grade 2 events	692
	14%
grade 3 events	351
	7%
grade 4 events	337
	7%
grade 5 events	355
	7%
grade 6 events	731
	15%
grade 7 events	955
	20%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	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	110.102228	110.1135288023652	Subarray requested	CUSTOM	1/8
Pointing Dec	-31.451663	-31.42621032183763	Subarray start row	115	115
Pointing Roll	37.872245	38.03477361411996	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	0.000000	0.4
SIM translation stage pos (mm)	-182.132523	-182.1370004450064			
SIM translation stage offset (mm)	-8	-7.995522138001405			
Observation start time	124041825.184000	124040279.48657			
Observation start date	2001-12-06T16:02:41	2001-12-06T15:37:59			
Observation end time	124042825.184000	124043139.74918			
Observation end date	2001-12-06T16:19:21	2001-12-06T16:25:39			
Read mode	TIMED	TIMED			

2.3 Aspect



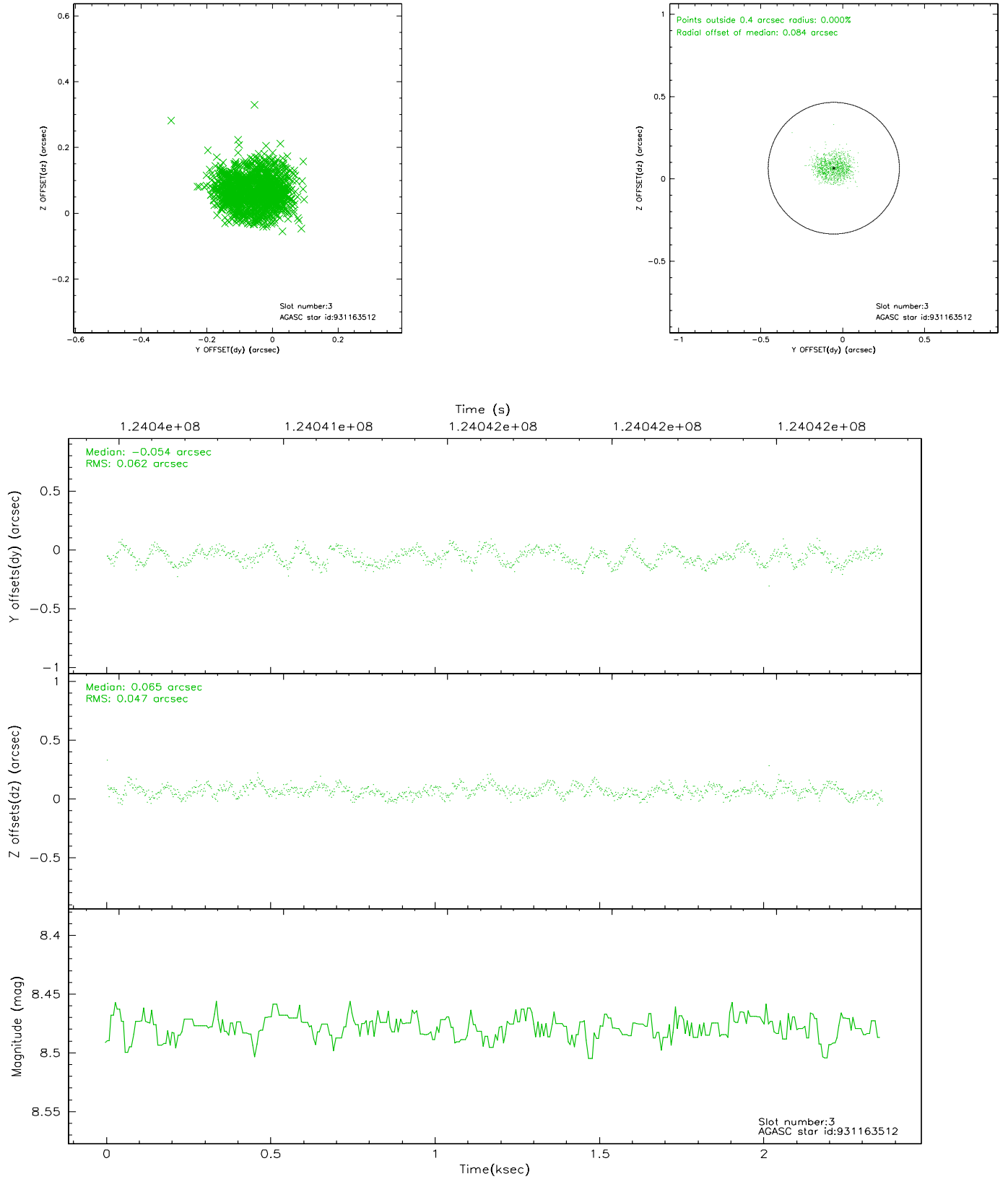


Slot Statistics

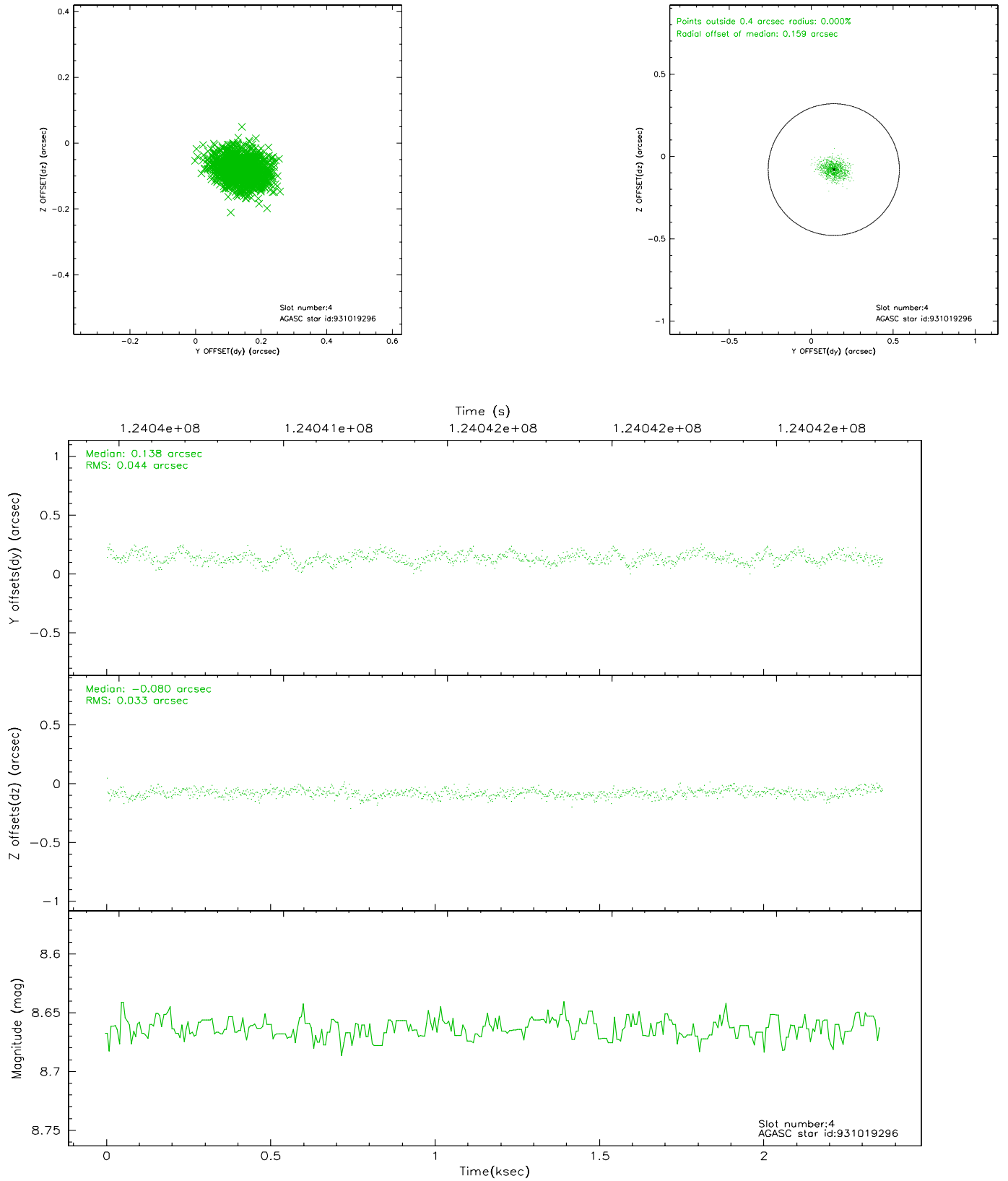
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	576	-0.013	-0.107	0.006	0.010	0.000000	0.000000	-755.36	-1893.65
1	FID	ACIS-S-4	7.17	576	-0.008	0.035	0.005	0.009	0.000000	0.000000	2156.71	11.78
2	FID	ACIS-S-5	7.23	576	-0.010	0.080	0.006	0.009	0.000000	0.000000	-1804.63	8.70
3	GUIDE	931163512	8.48	1152	-0.054	0.065	0.084	0.124	110.894384	-31.299941	2253.99	-1071.98
4	GUIDE	931019296	8.66	1152	0.138	-0.080	0.059	0.095	109.471771	-31.694370	-2061.74	489.74
5	GUIDE	931160352	8.63	1151	-0.091	-0.093	0.061	0.094	110.268138	-30.864891	1699.86	1352.47
6	GUIDE	931005504	9.34	1150	0.173	-0.066	0.072	0.117	109.438314	-31.669733	-2089.33	624.70
7	GUIDE	931152840	9.14	1150	-0.165	0.172	0.090	0.150	110.877463	-31.769293	1164.52	-2365.67

2.4 Star Slots

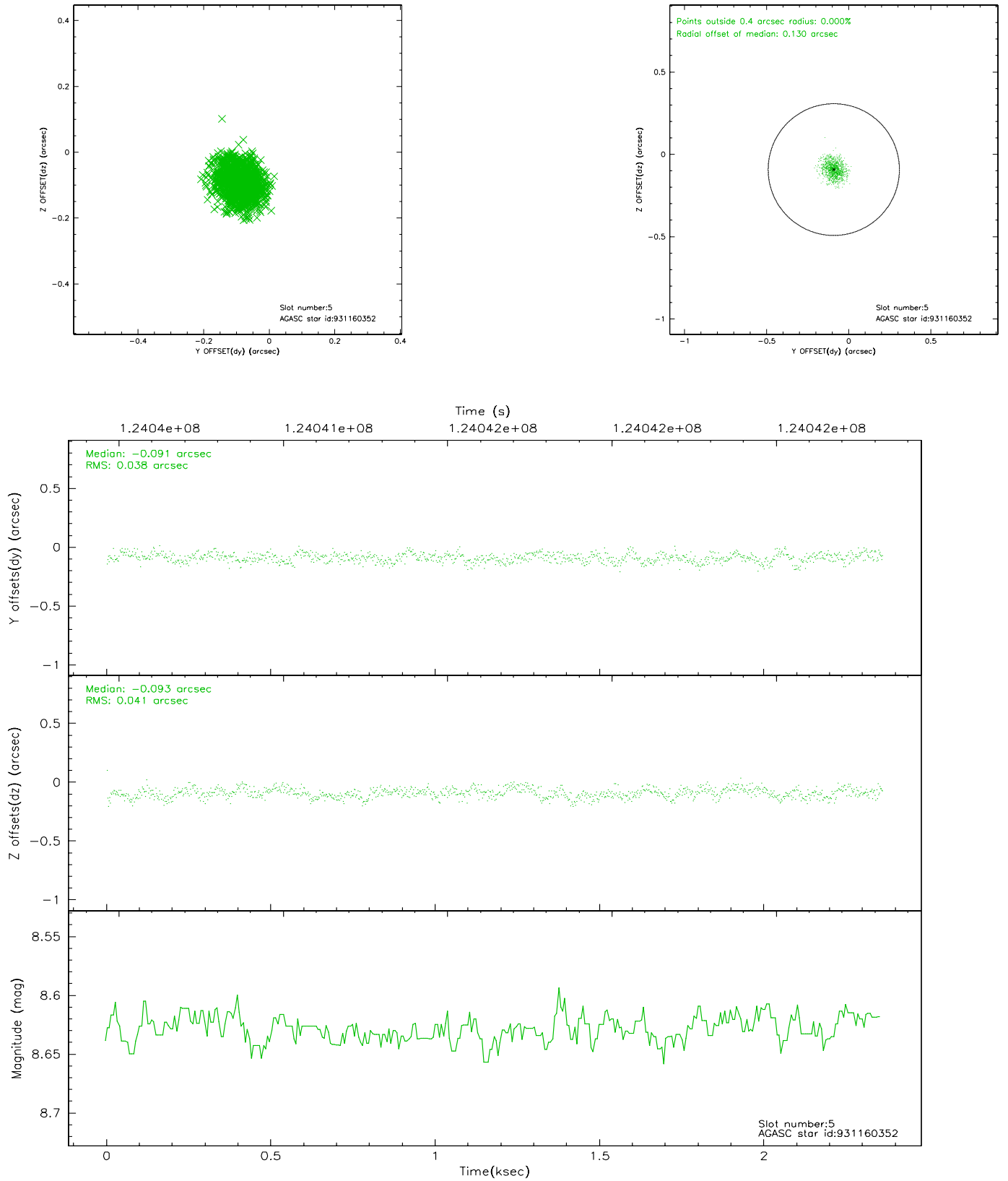
2.4.1 Slot 3



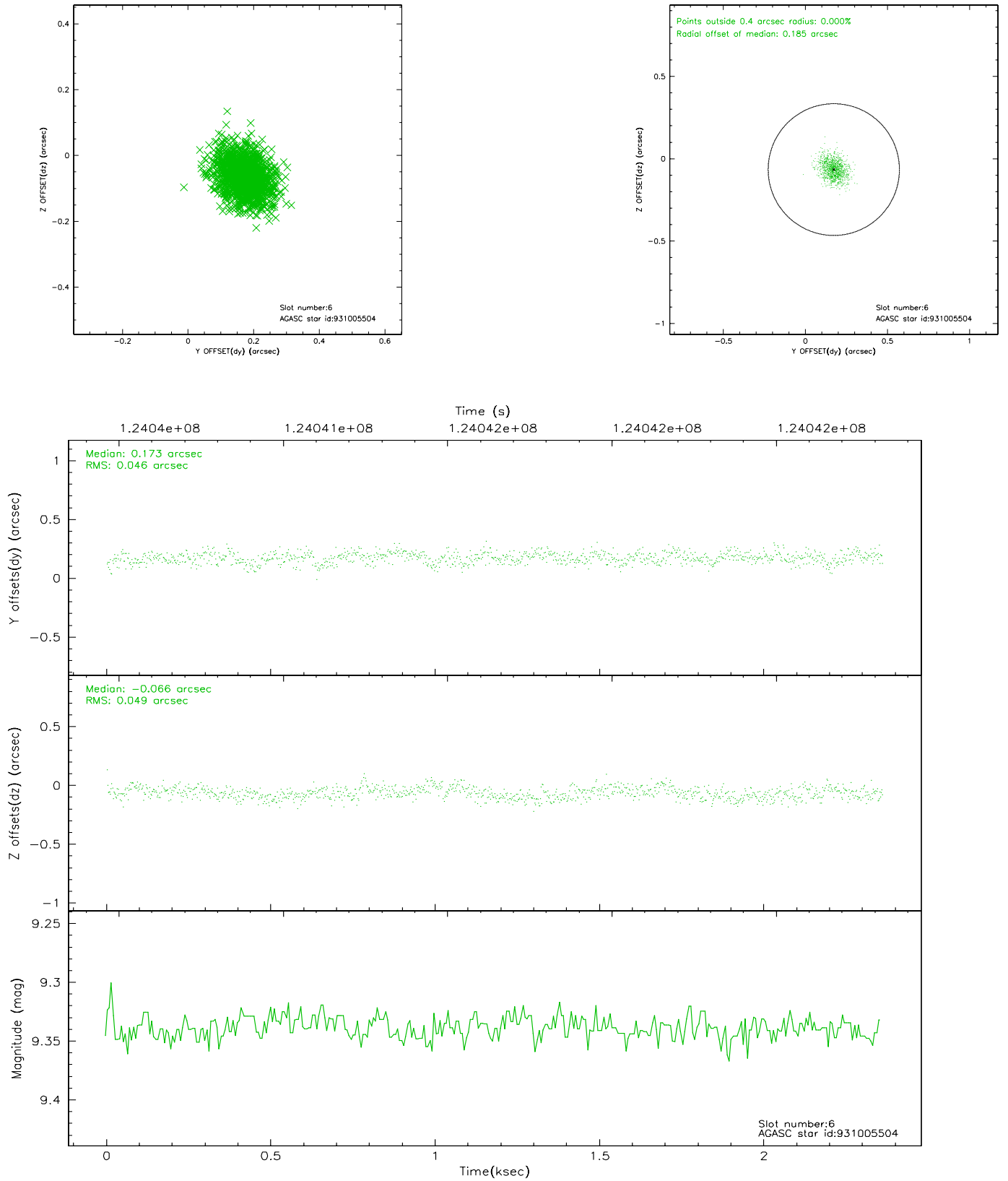
2.4.2 Slot 4



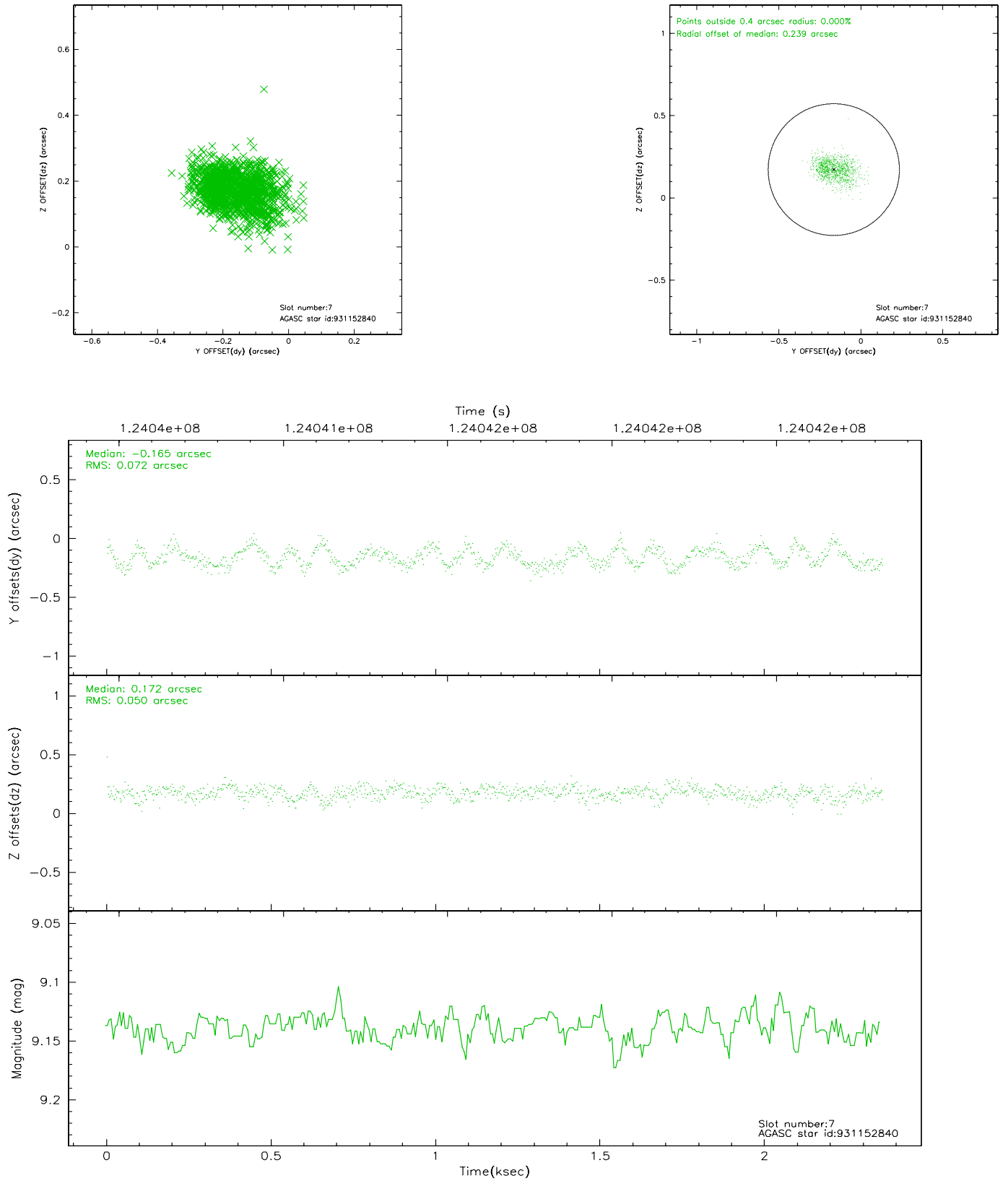
2.4.3 Slot 5



2.4.4 Slot 6

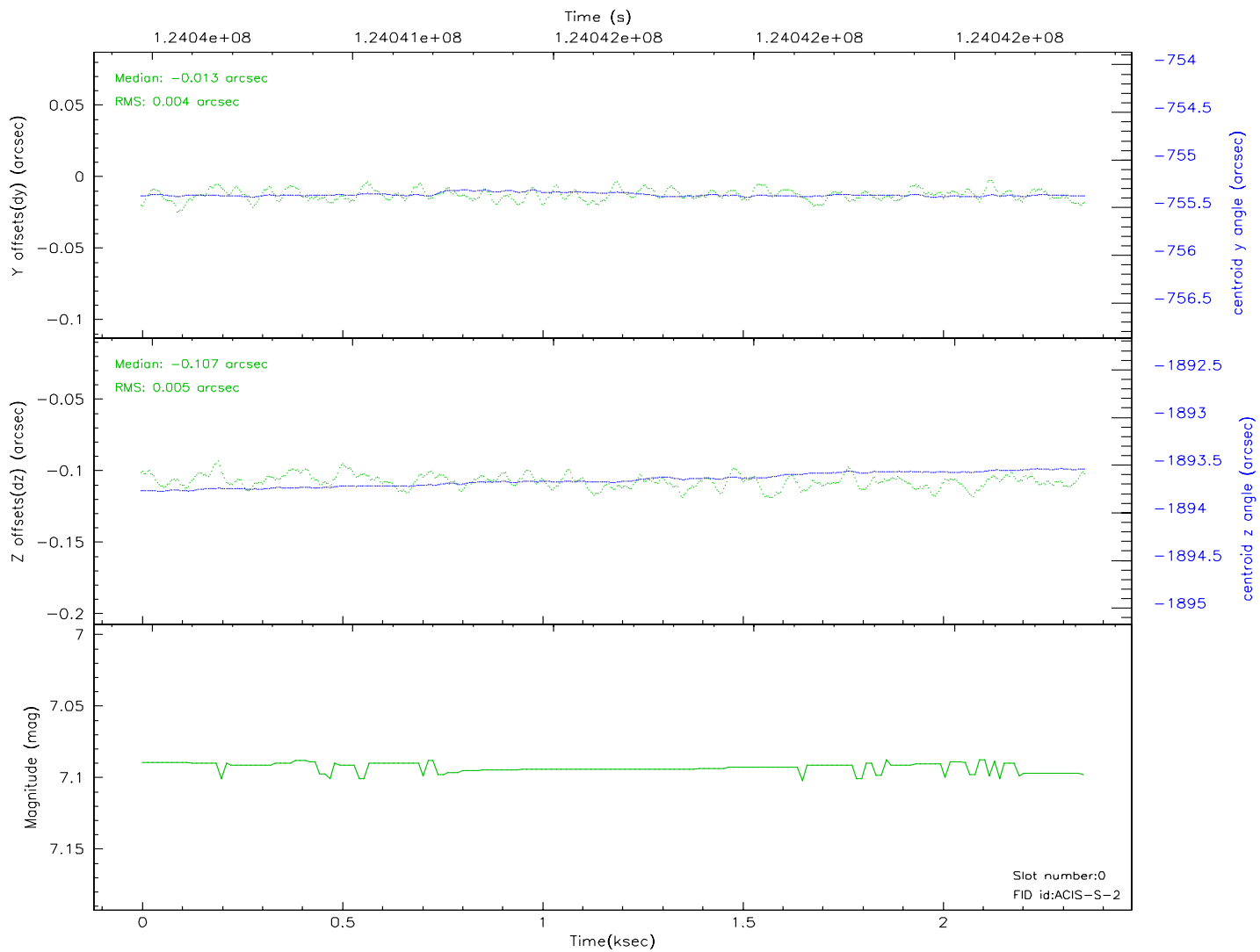
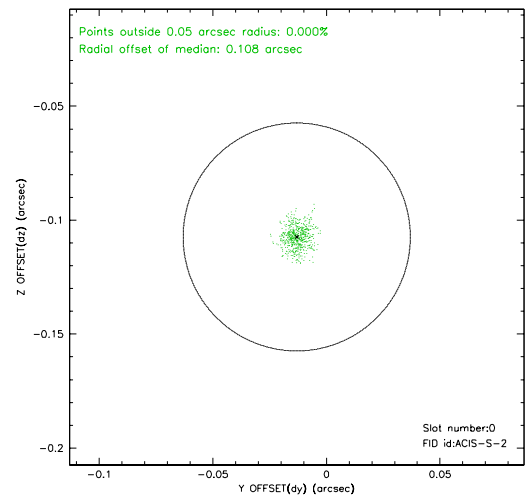
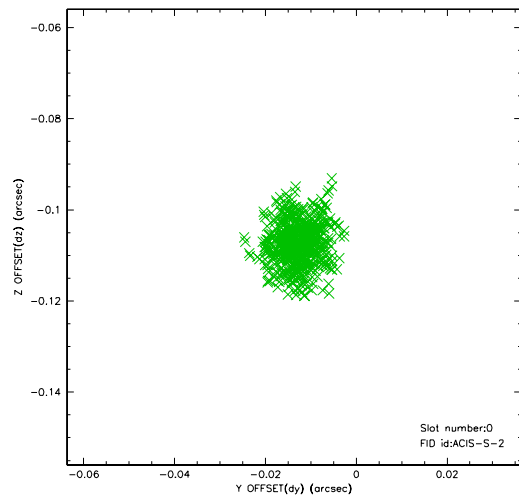


2.4.5 Slot 7

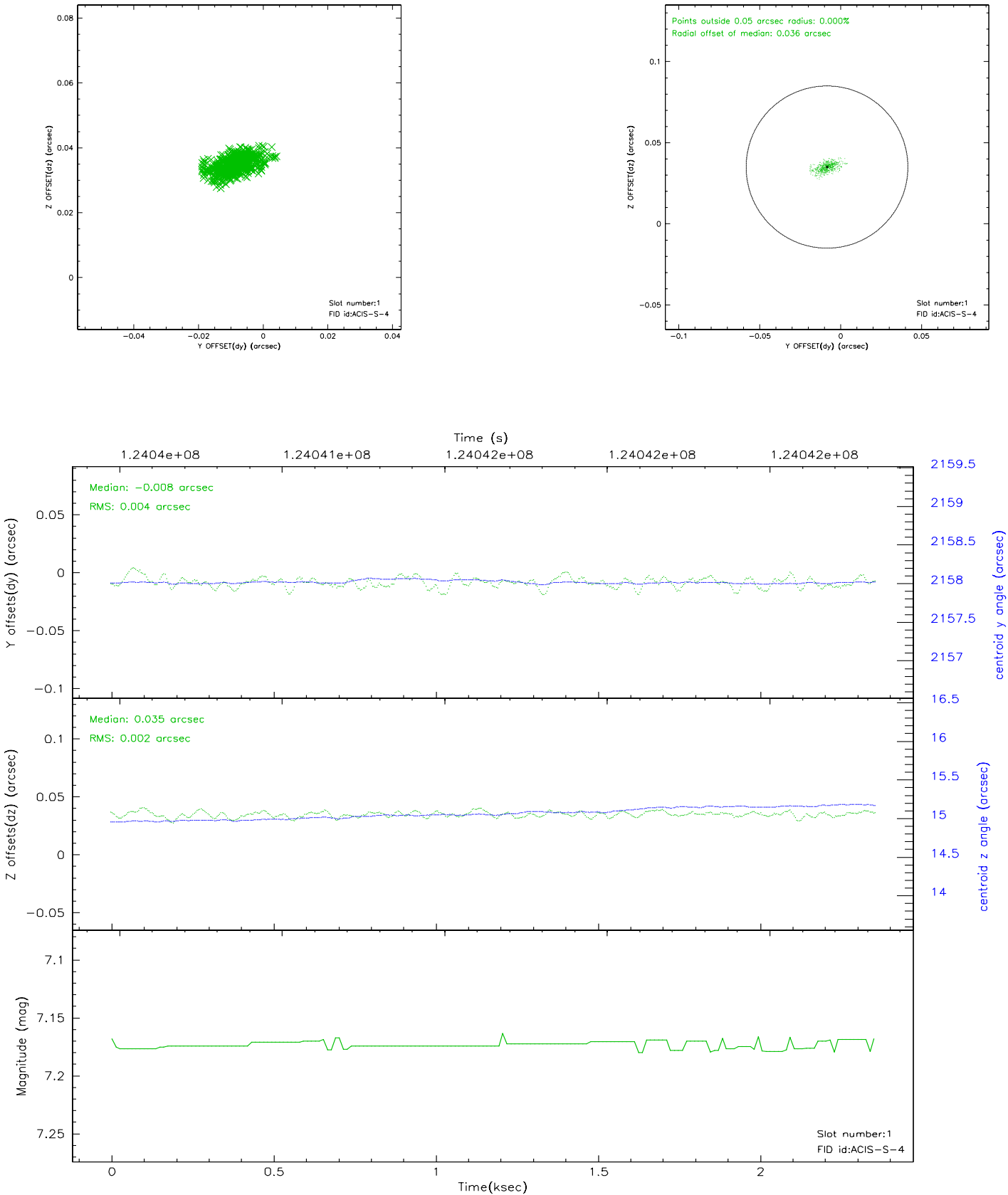


2.5 FID Slots

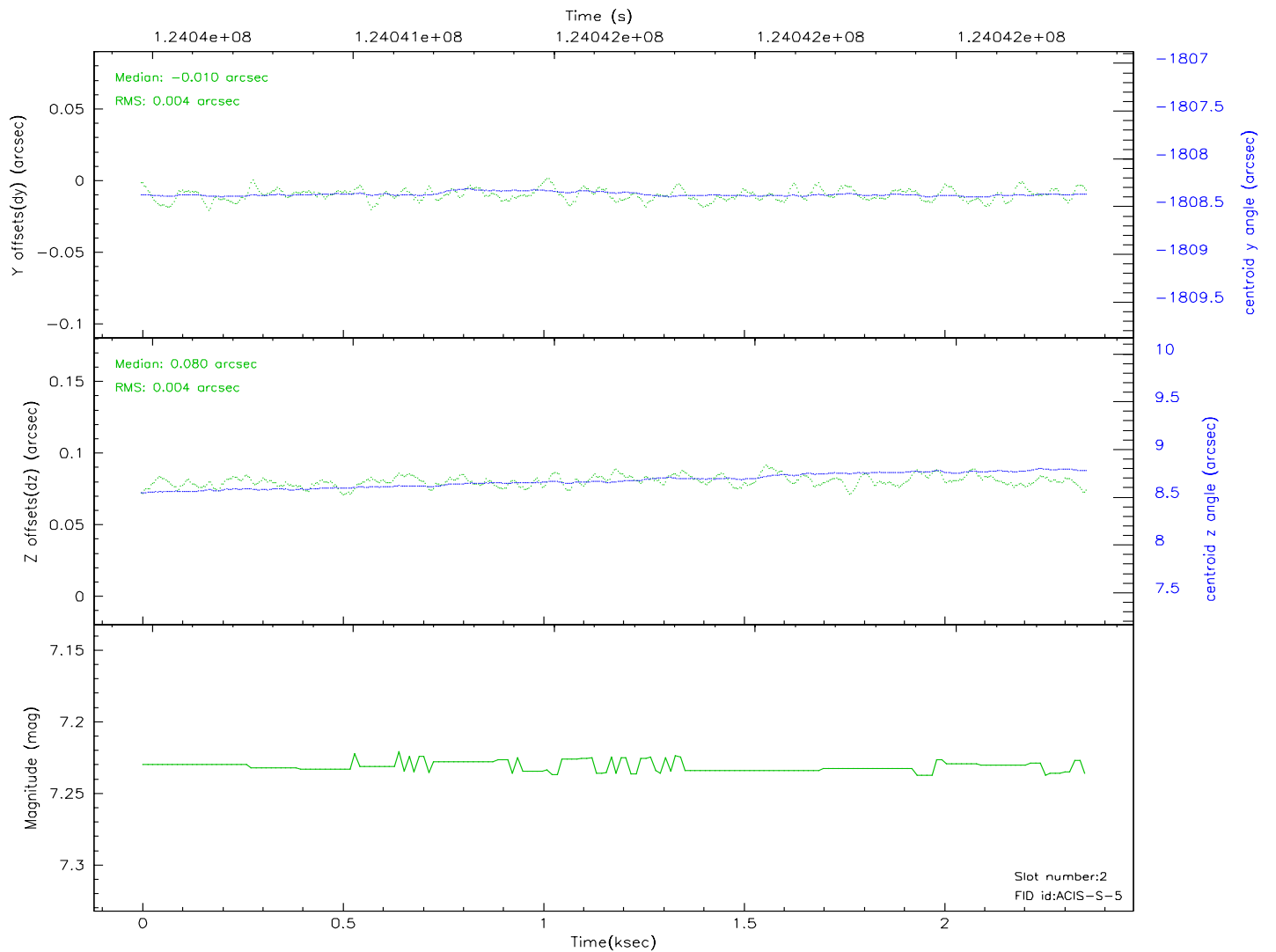
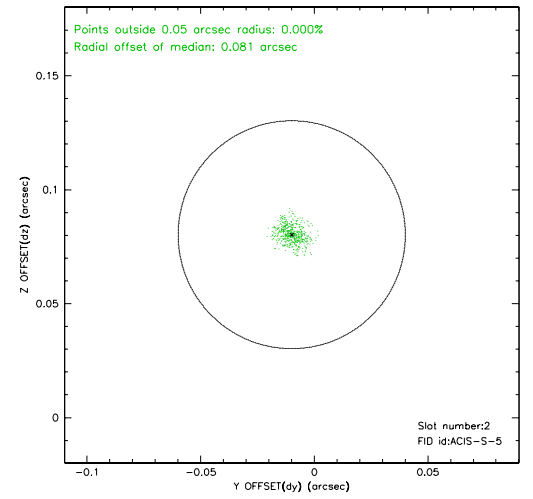
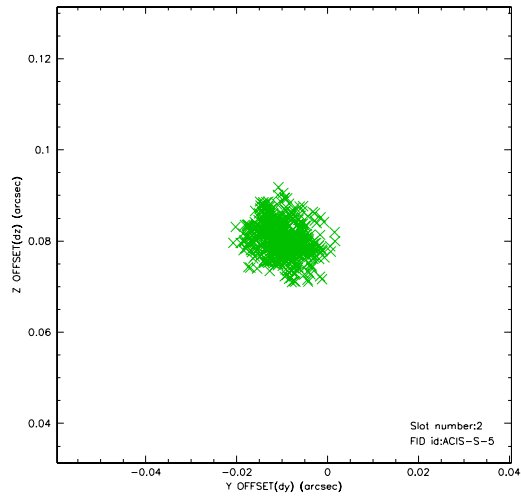
2.5.1 Slot 0



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)	2007.01.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.859

A.2 Comments