

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 5526 - L2 Version 003
Chandra X-Ray Center

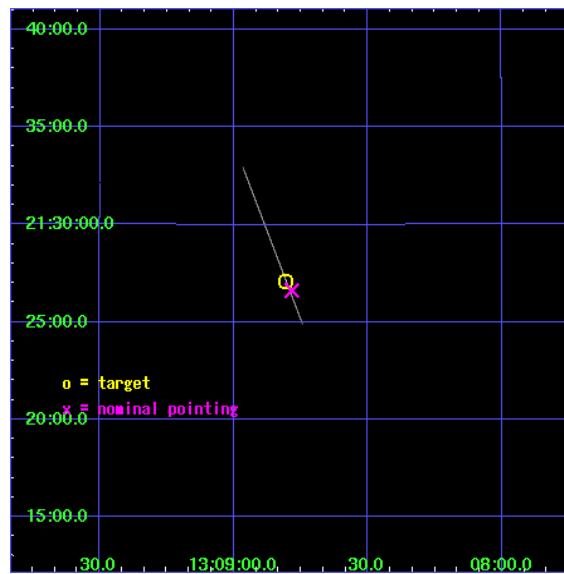
L2 Processing Date : Sep 11 2006

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1 Front

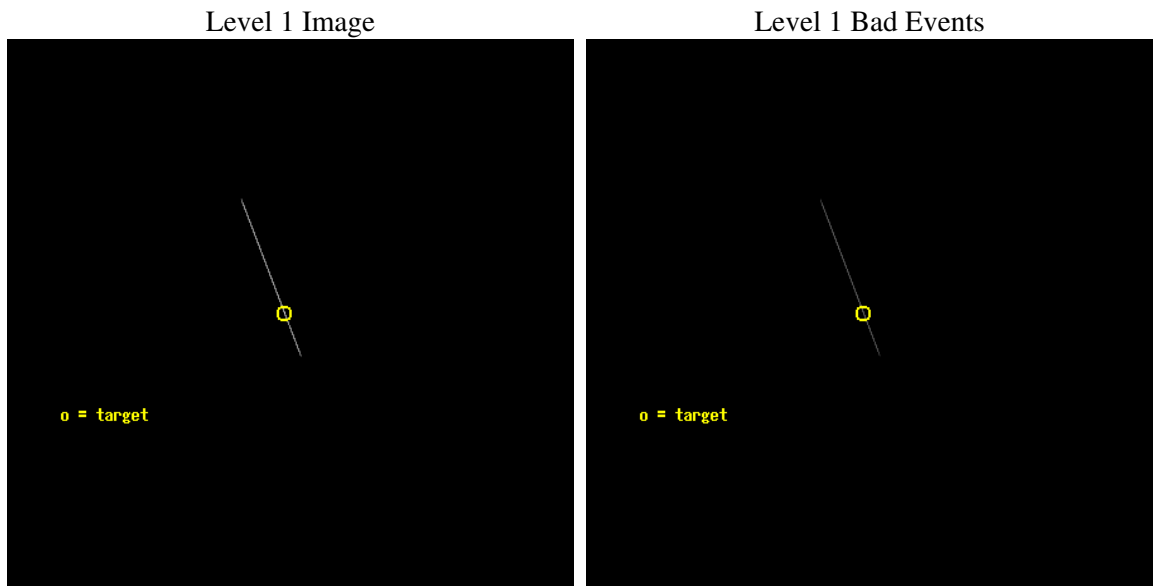
seq_num	500520
obs_id	5526
title	Timing the Enigmatic Nearby Neutron Star RX J1308.8+2127
observer	Dr David Kaplan
object	RX J1308.8+2127
ra_targ	197.20125
dec_targ	21.451889
ra_nom	197.19585339724
dec_nom	21.443660650649
roll_nom	248.85857310577
revision	3
ontime	15187.5
livetime	15128.173828125
ontime7	15187.5
l2events	72624



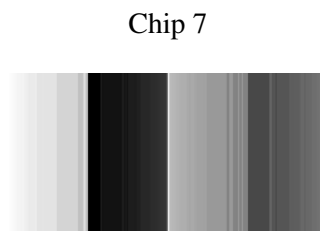
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-09-11T19:56:24
revision	3

sched_exp_time	15000.000000
ontime	15273.303444207
ontime7	15273.303444207
l1events	88076

2.1.4 Events

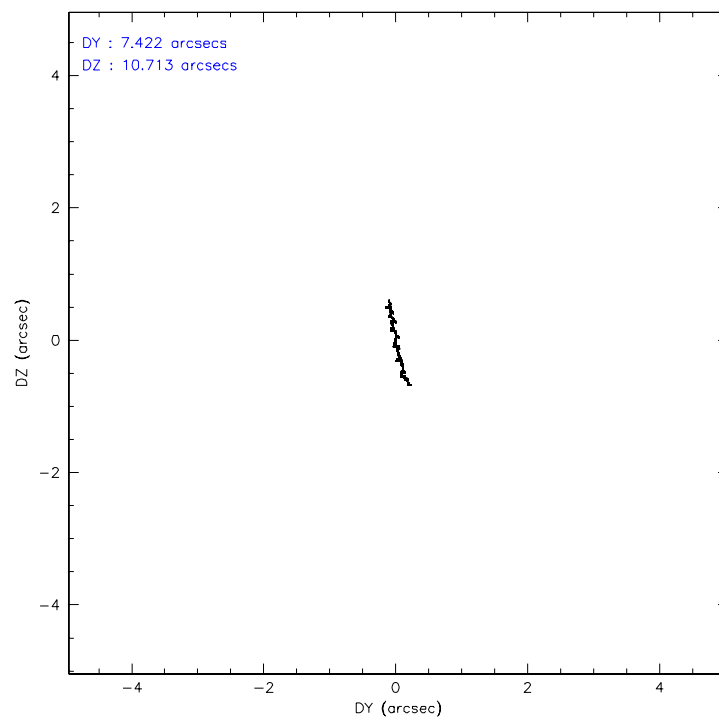
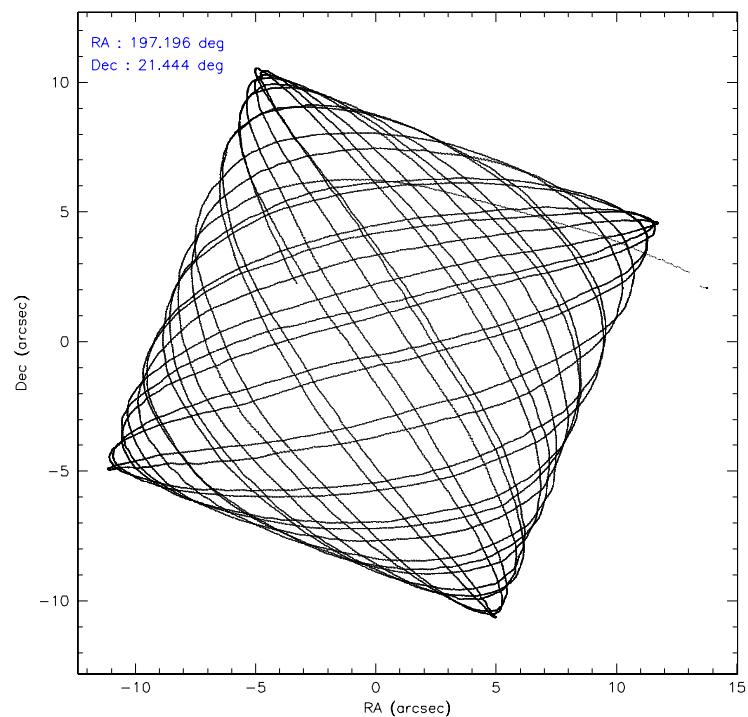
	ccd 7
level 1 events	88076
rejected events	12256
rejected %	13%

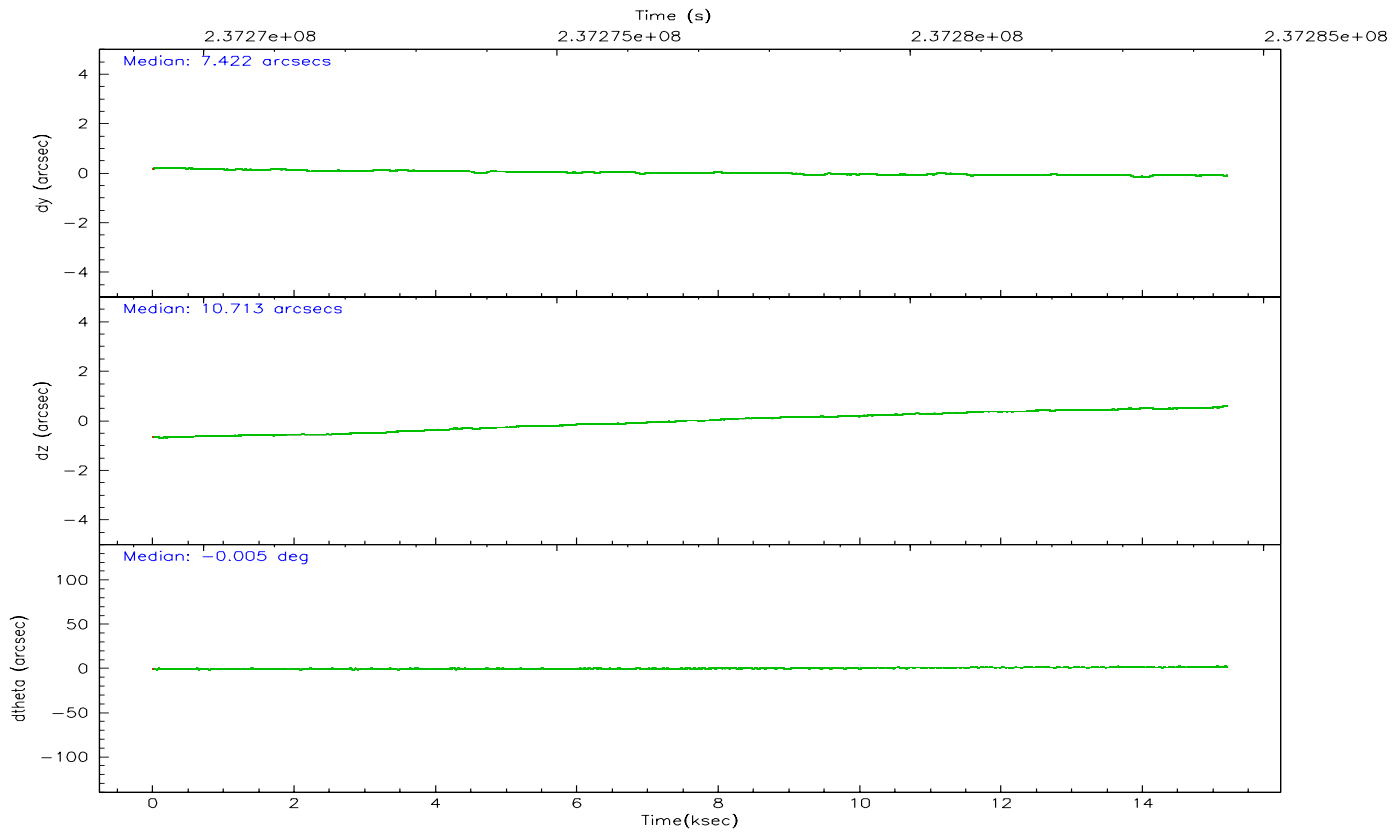
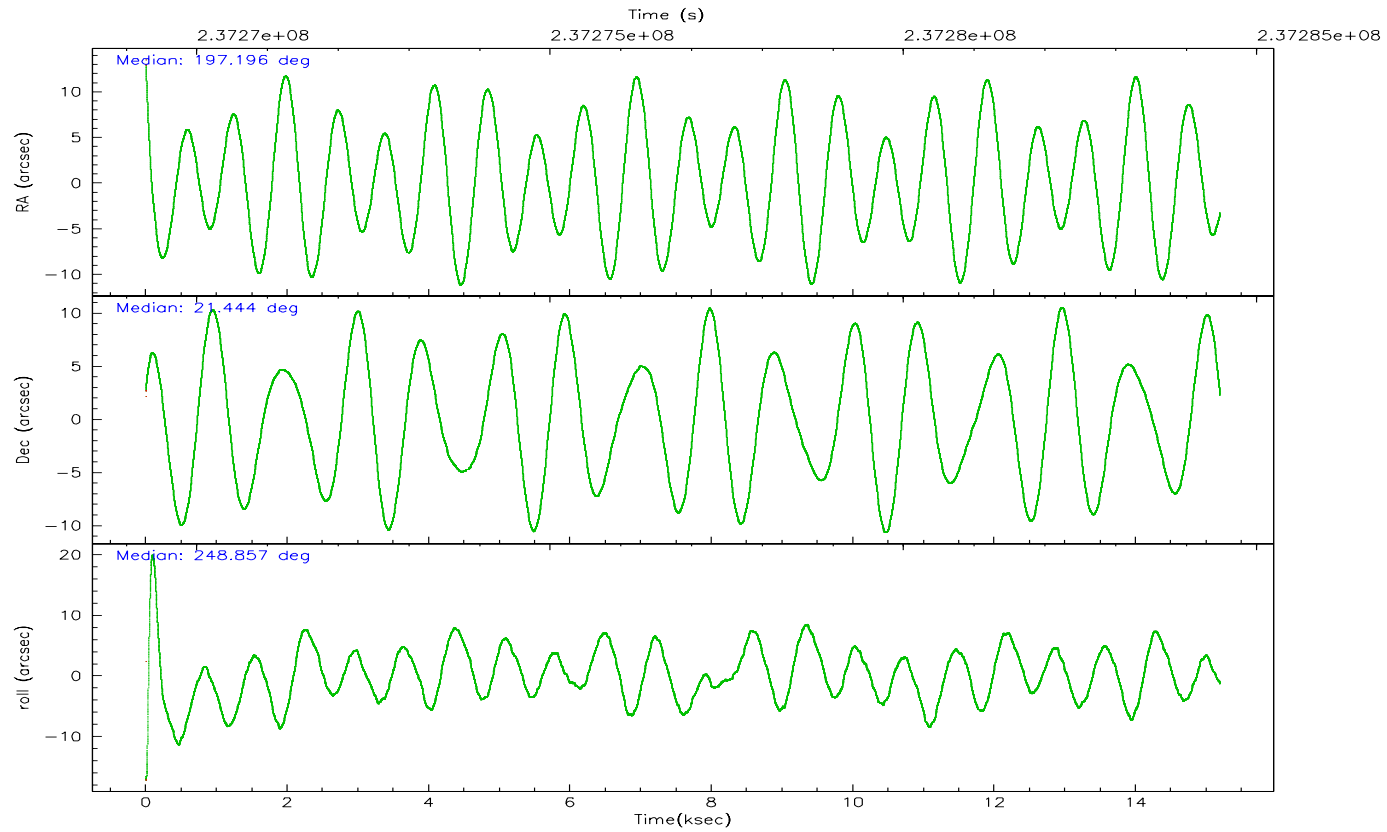
	ccd 7
grade 0 events	8320
	9%
grade 1 events	123
	0%
grade 2 events	19656
	22%
grade 3 events	3386
	3%
grade 4 events	3344
	3%
grade 5 events	11715
	13%
grade 6 events	41532
	47%
grade 7 events	0
	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	197.190970	197.1958533972438	Alternating exposures requested	N	N
Pointing Dec	21.470467	21.4436606506492	Primary exposure time	0.000000	0
Pointing Roll	248.703766	248.8585731057738			
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	237269480.184000	237269206.89175			
Observation start date	2005-07-09T04:10:16	2005-07-09T04:06:46			
Observation end time	237284480.184000	237286017.40502			
Observation end date	2005-07-09T08:20:16	2005-07-09T08:46:57			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



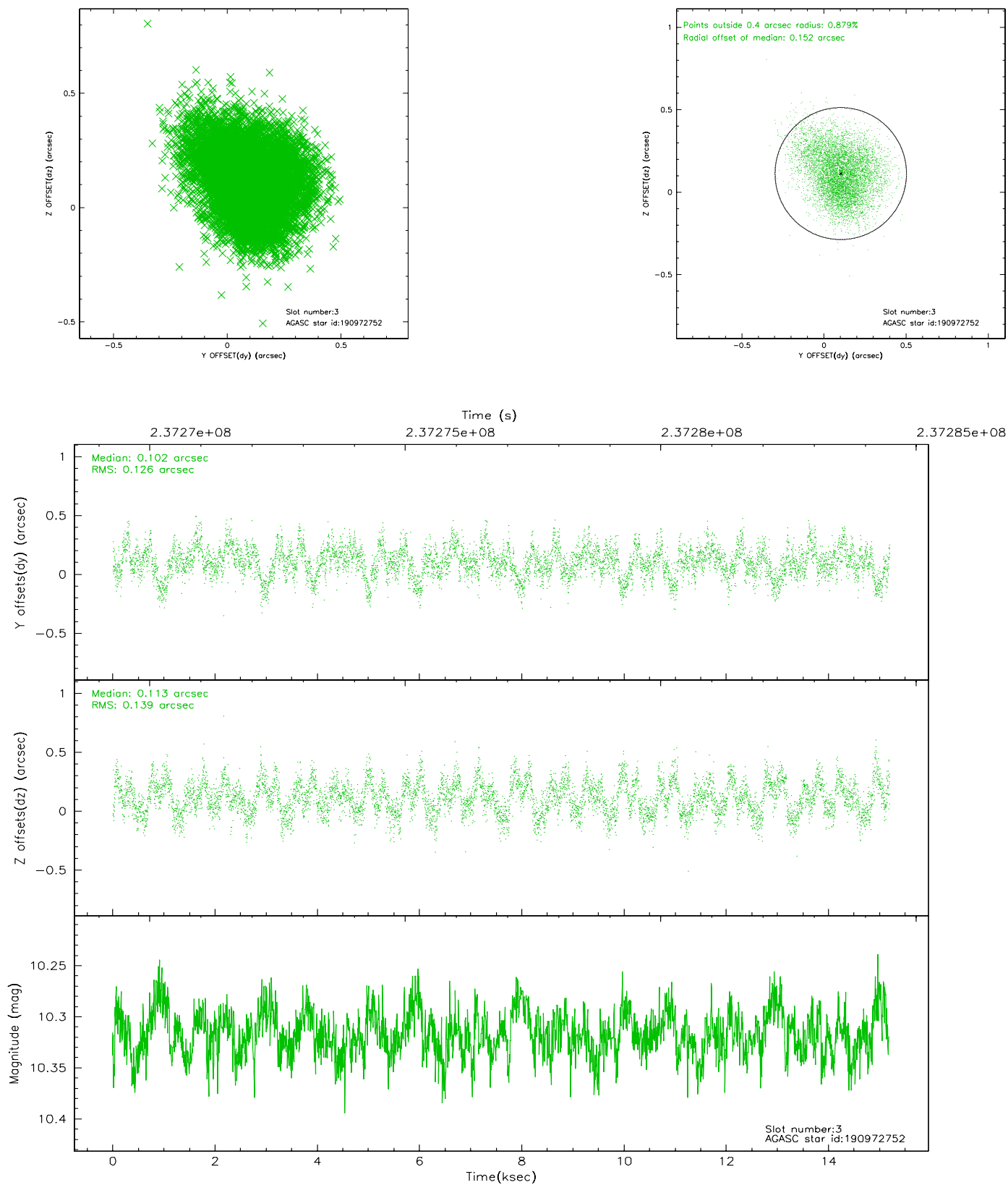


Slot Statistics

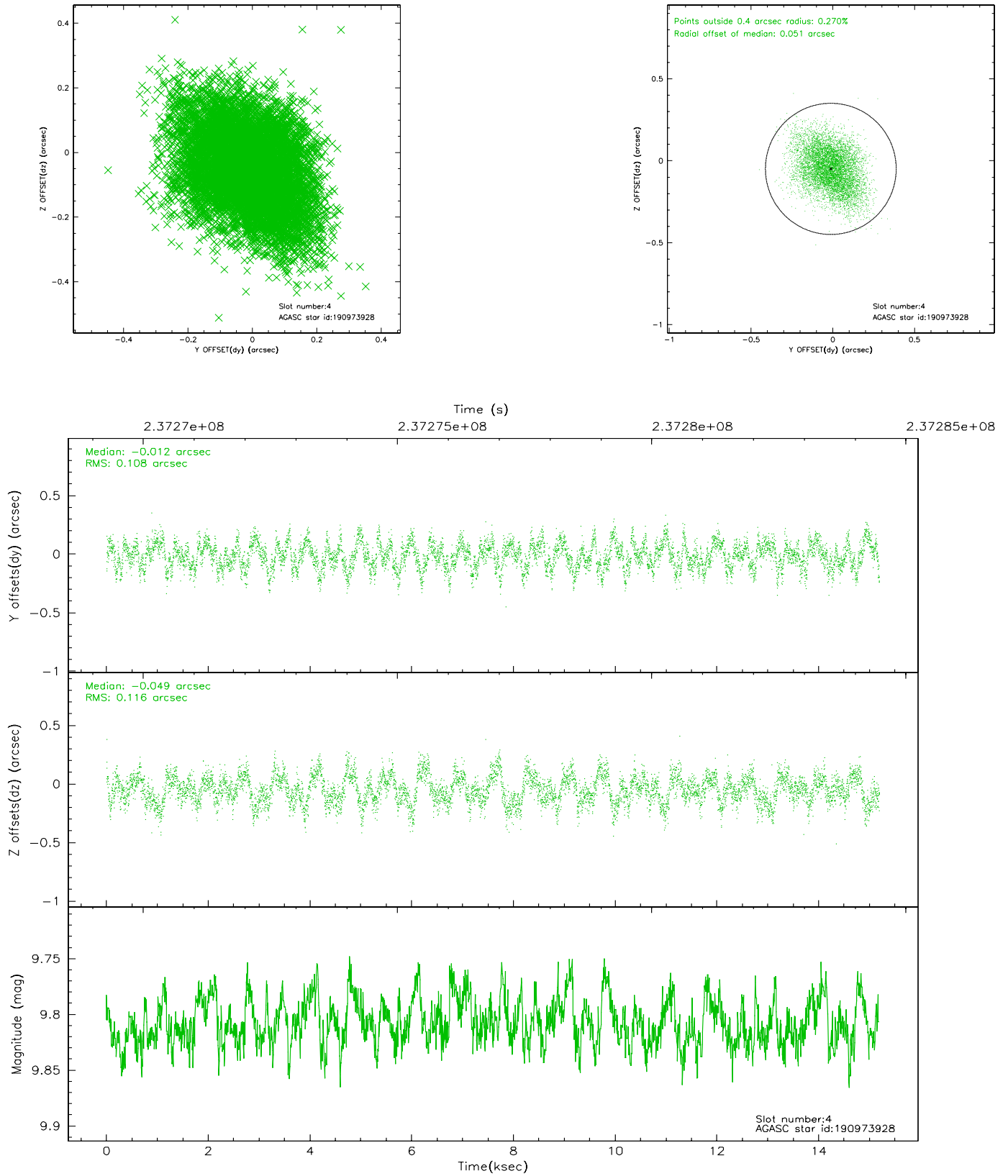
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	3706	-0.034	0.009	0.008	0.012	0.000000	0.000000	-760.20	-1731.95
1	FID	ACIS-S-4	7.21	3705	0.049	0.014	0.010	0.016	0.000000	0.000000	2152.99	176.29
2	FID	ACIS-S-5	7.23	3706	-0.045	-0.015	0.010	0.018	0.000000	0.000000	-1812.71	170.19
3	GUIDE	190972752	10.32	7398	0.102	0.113	0.201	0.318	197.567107	21.351082	-58.95	1330.84
4	GUIDE	190973928	9.81	7397	-0.012	-0.049	0.170	0.274	197.904188	21.564389	-1187.46	2100.09
5	GUIDE	190979840	10.35	7395	0.131	-0.102	0.170	0.266	197.337465	20.846267	1914.42	1276.09
6	GUIDE	190974376	6.79	7412	-0.299	-0.004	0.060	0.099	197.884749	21.918670	-2349.73	1571.45
7	GUIDE	190977688	7.90	7410	0.085	0.034	0.080	0.130	197.454100	20.653773	2416.67	1894.05

2.4 Star Slots

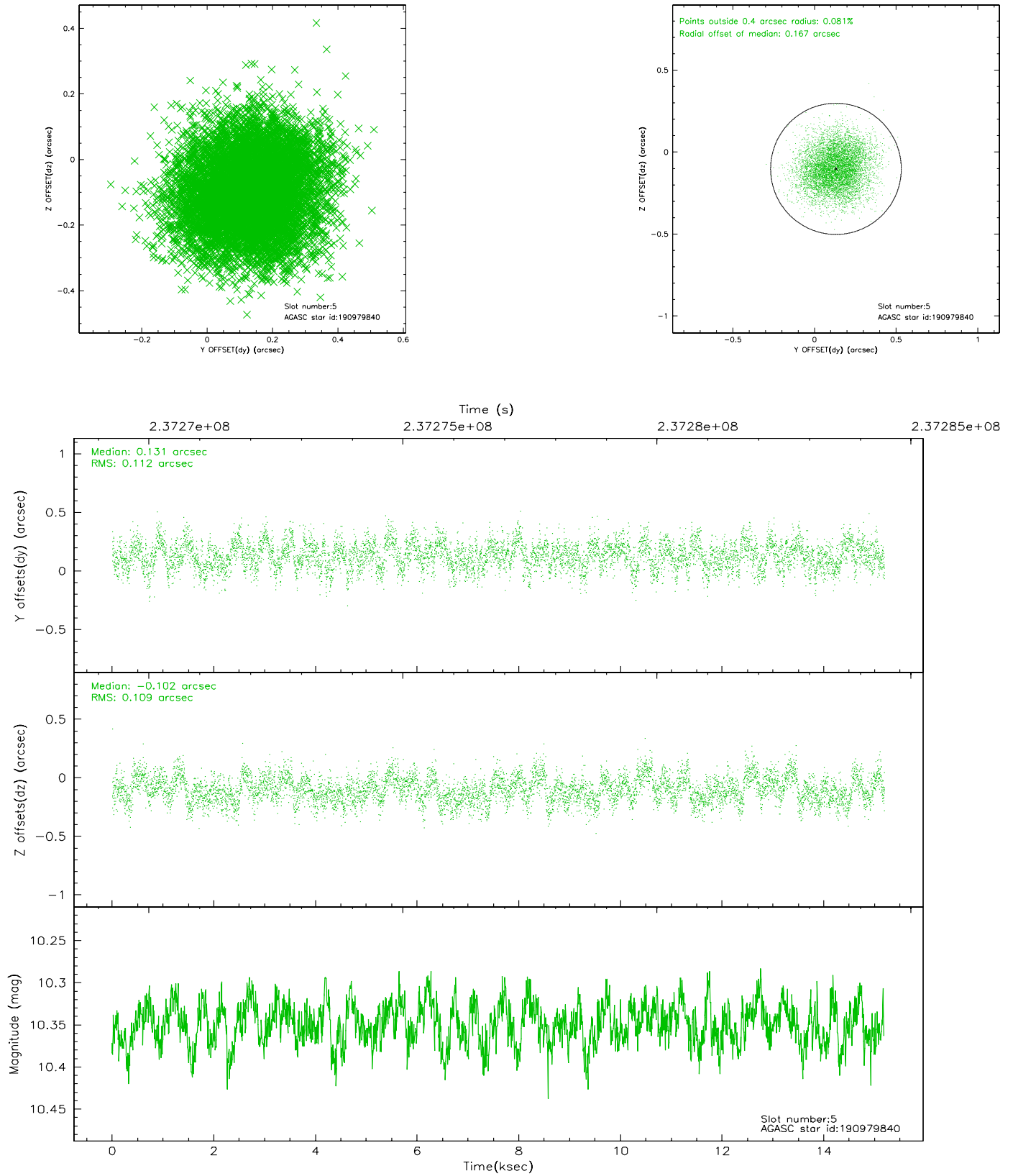
2.4.1 Slot 3



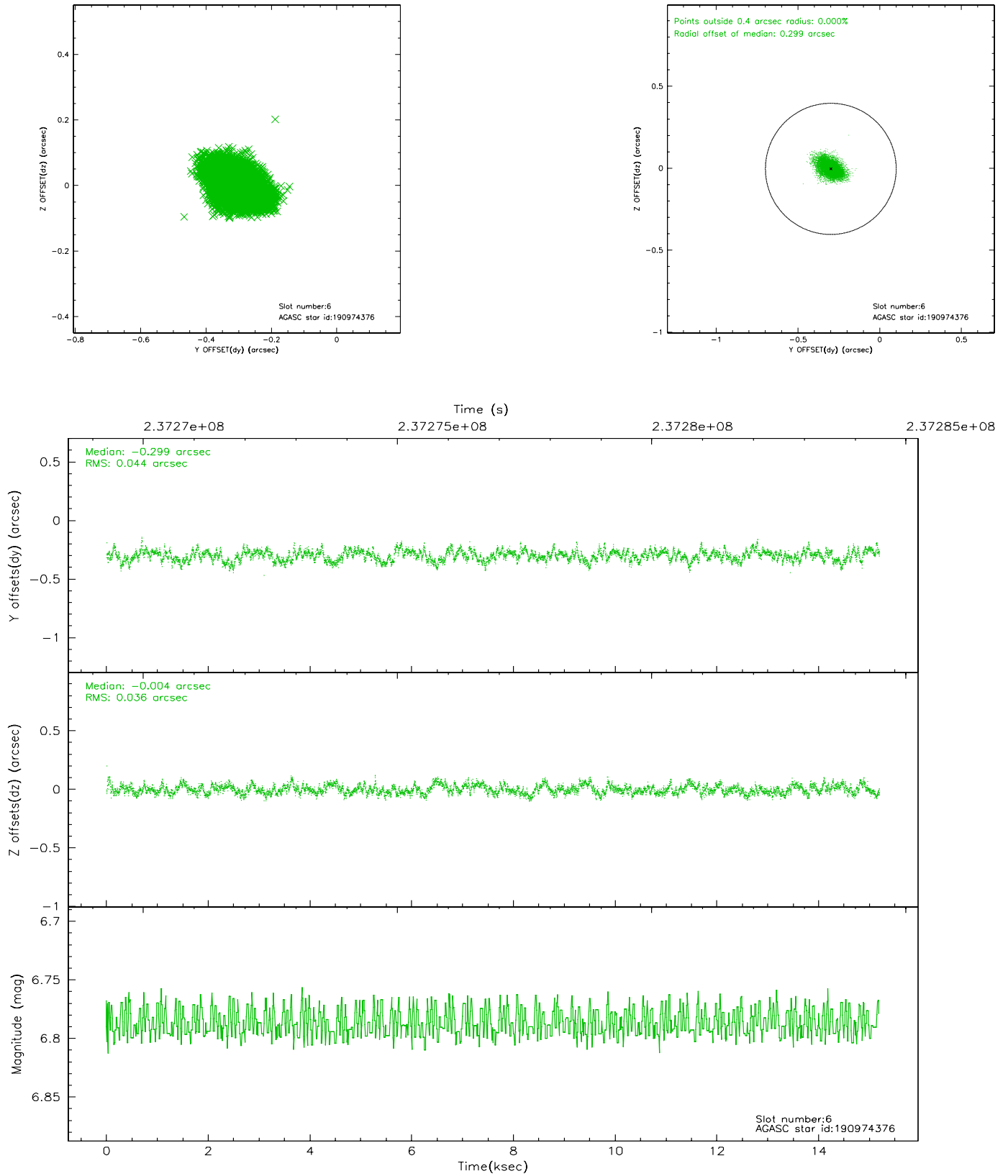
2.4.2 Slot 4



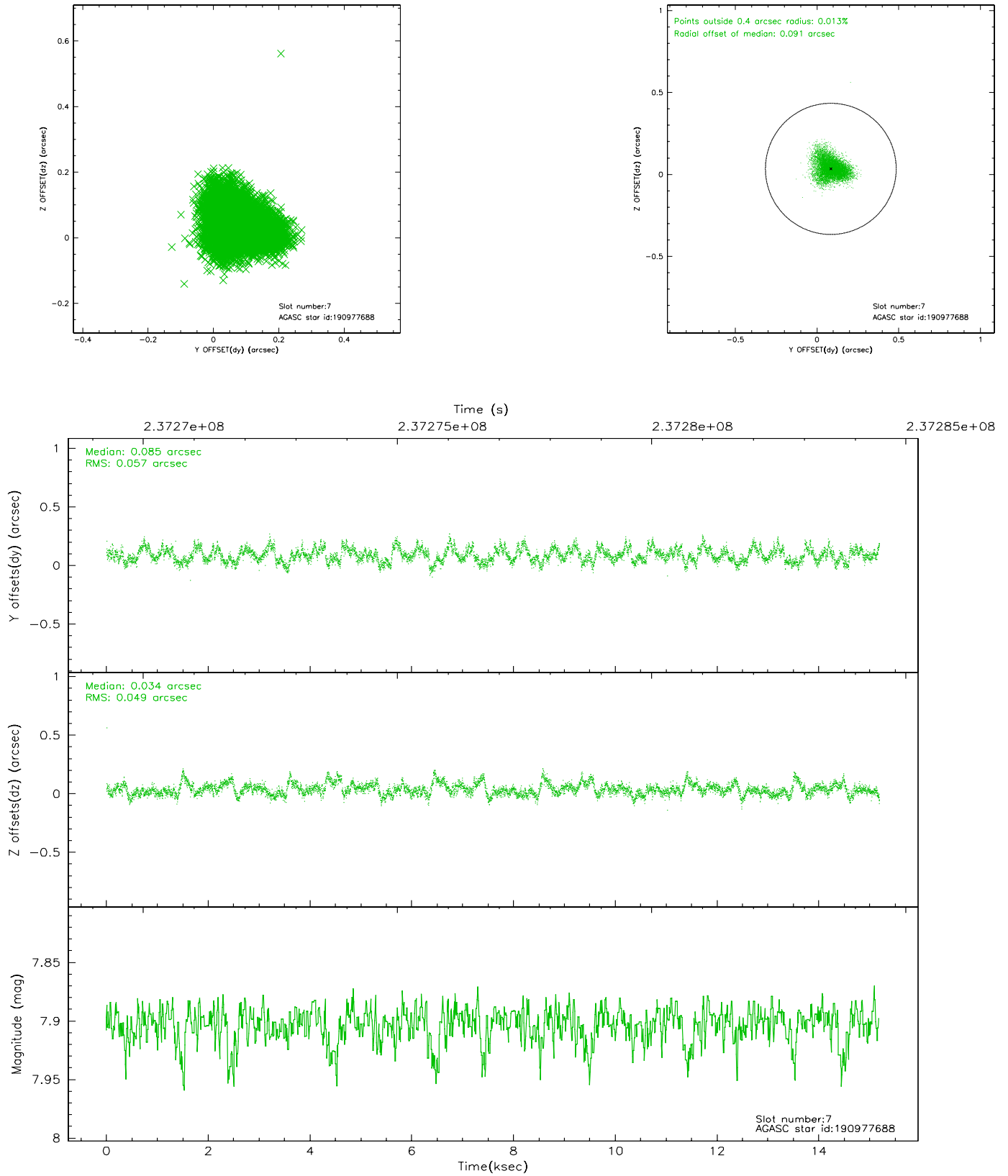
2.4.3 Slot 5



2.4.4 Slot 6

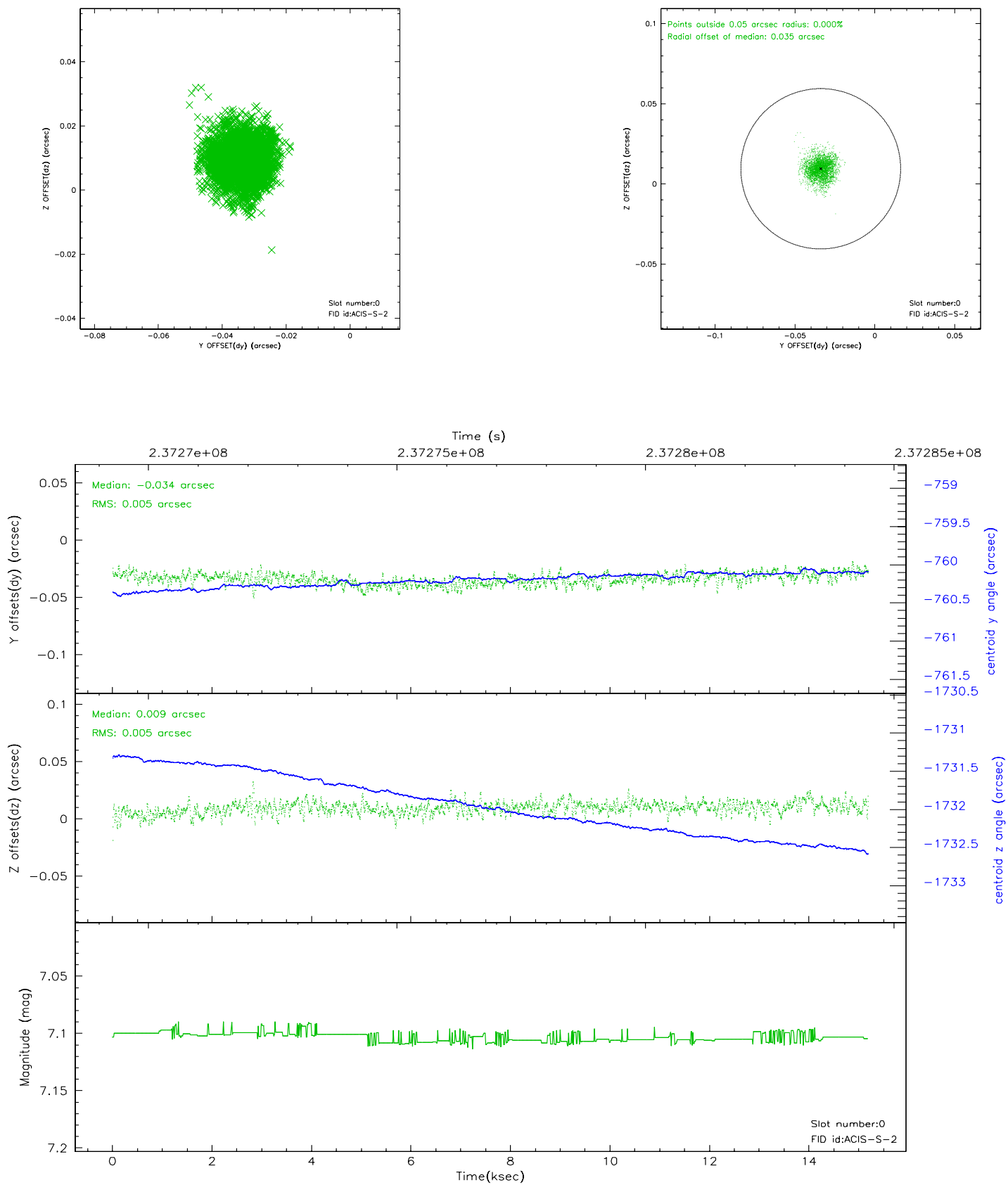


2.4.5 Slot 7

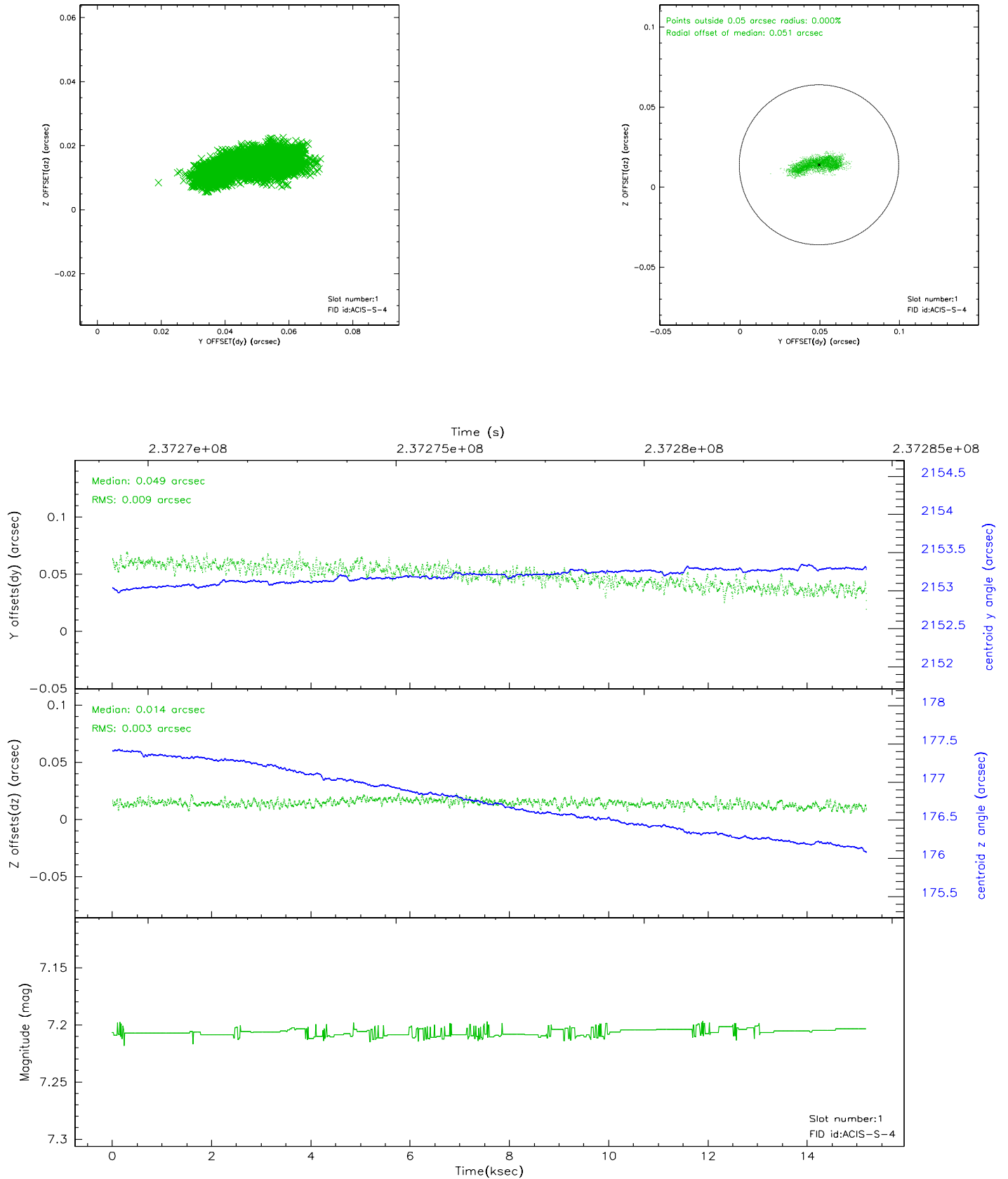


2.5 FID Slots

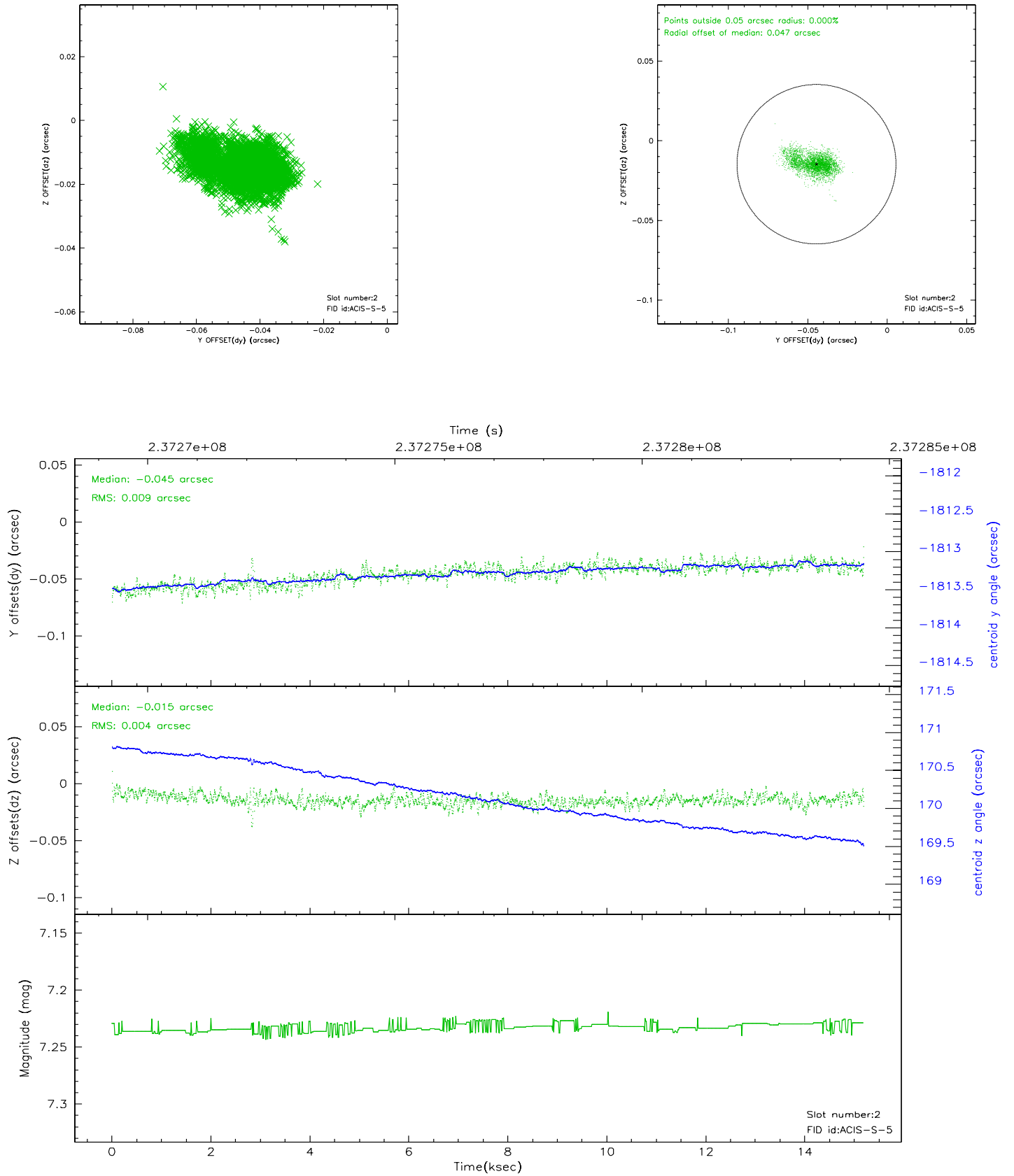
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.09.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.1875

A.2 Comments