

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4804 - L2 Version 3
Chandra X-Ray Center

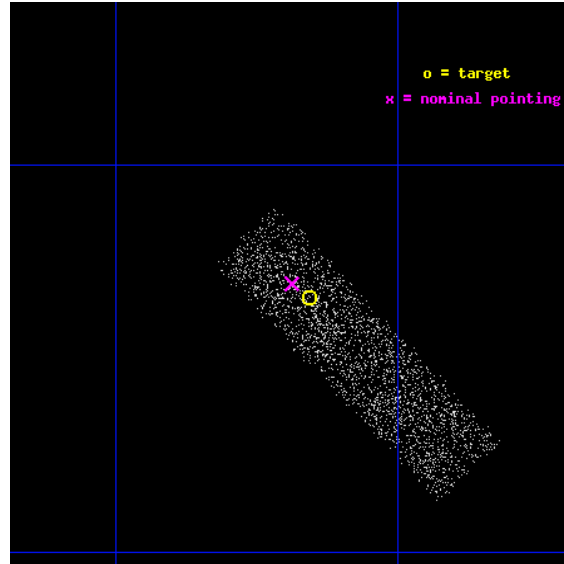
L2 Processing Date : Nov 10 2012

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1 Front

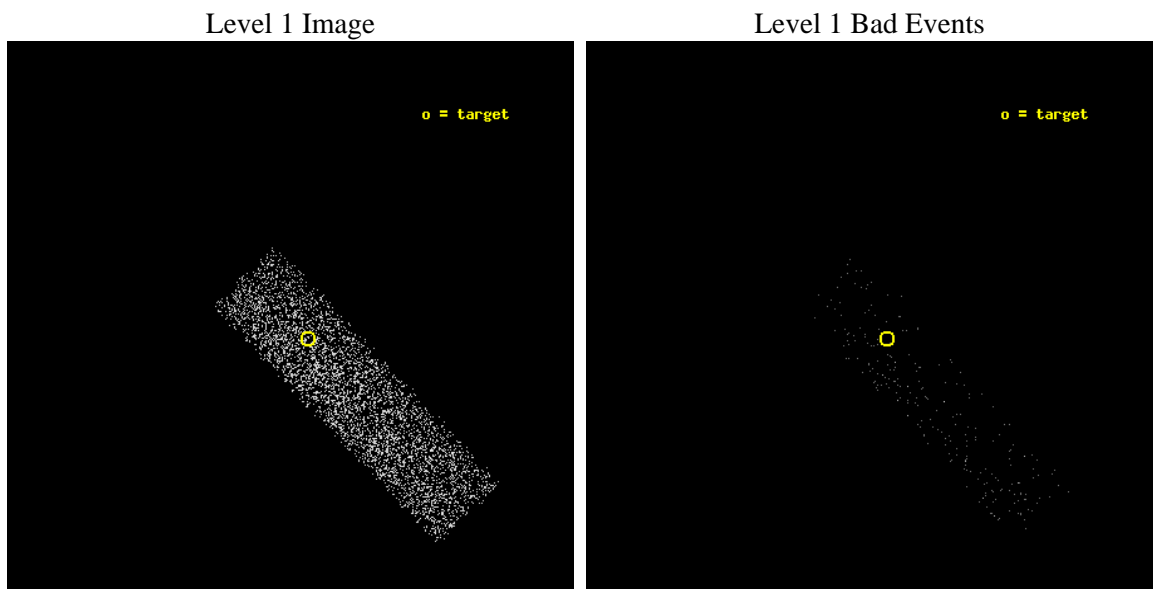
seq_num	700887	Sequence number
obs_id	4804	Observation id
title	Unveiling the engine powering OH Gigamaser sources through X-rays. A well-defined Chandra survey	Proposal title
observer	Dr Cristian Vignali	Principal investigator
object	IRAS FSC 08279+0956	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	127.664167	Observer's specified target RA [deg]
dec_targ	9.77675	Observer's specified target Dec [deg]
ra_nom	127.67197524379	Nominal RA [deg]
dec_nom	9.7823638874341	Nominal Dec [deg]
roll_nom	46.238612506294	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4602.3590286076	Sum of GTIs [s]
livetime	4377.7789675712	Livetime [s]
ontime7	4602.3590286076	Sum of GTIs [s]
l2events	2662	Number of level 2 events



2 OBI

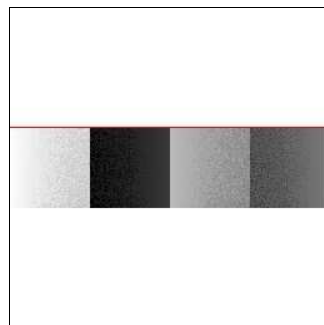
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4414.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4602.3590286076	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	4602.3590286076	Sum of GTIs [s]
date	2012-11-10T05:47:59	Date and time of file creation	l1events	10359	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

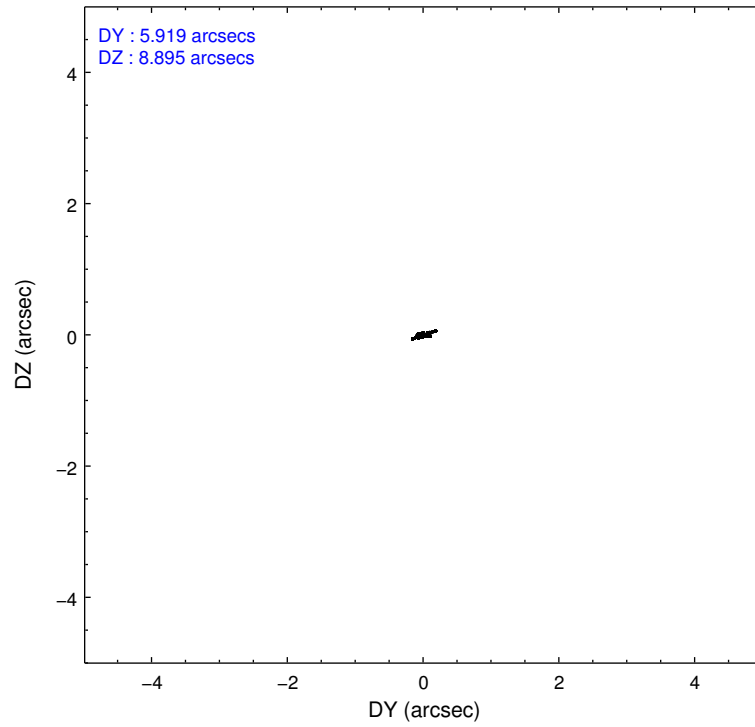
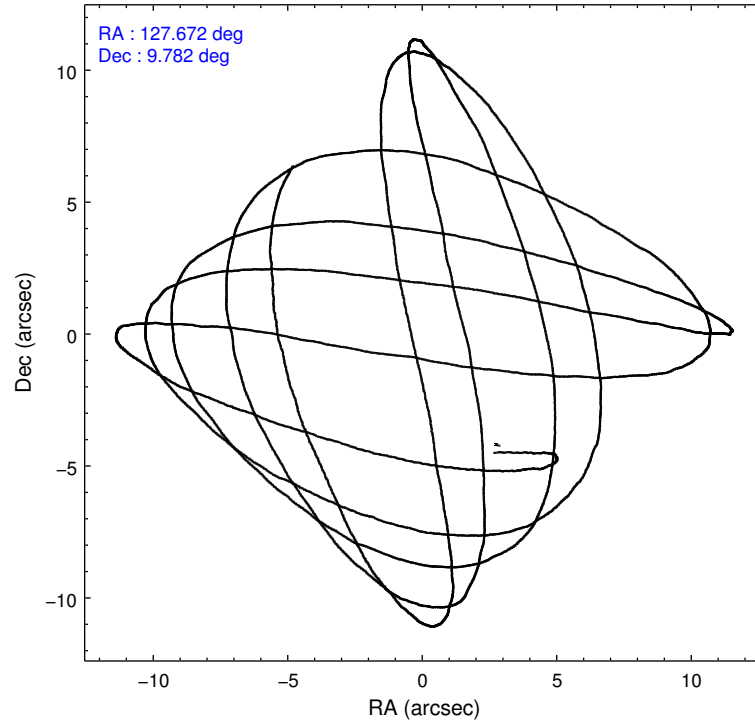
	ccd 7
level 1 events	10359
rejected events	7577
rejected %	73%

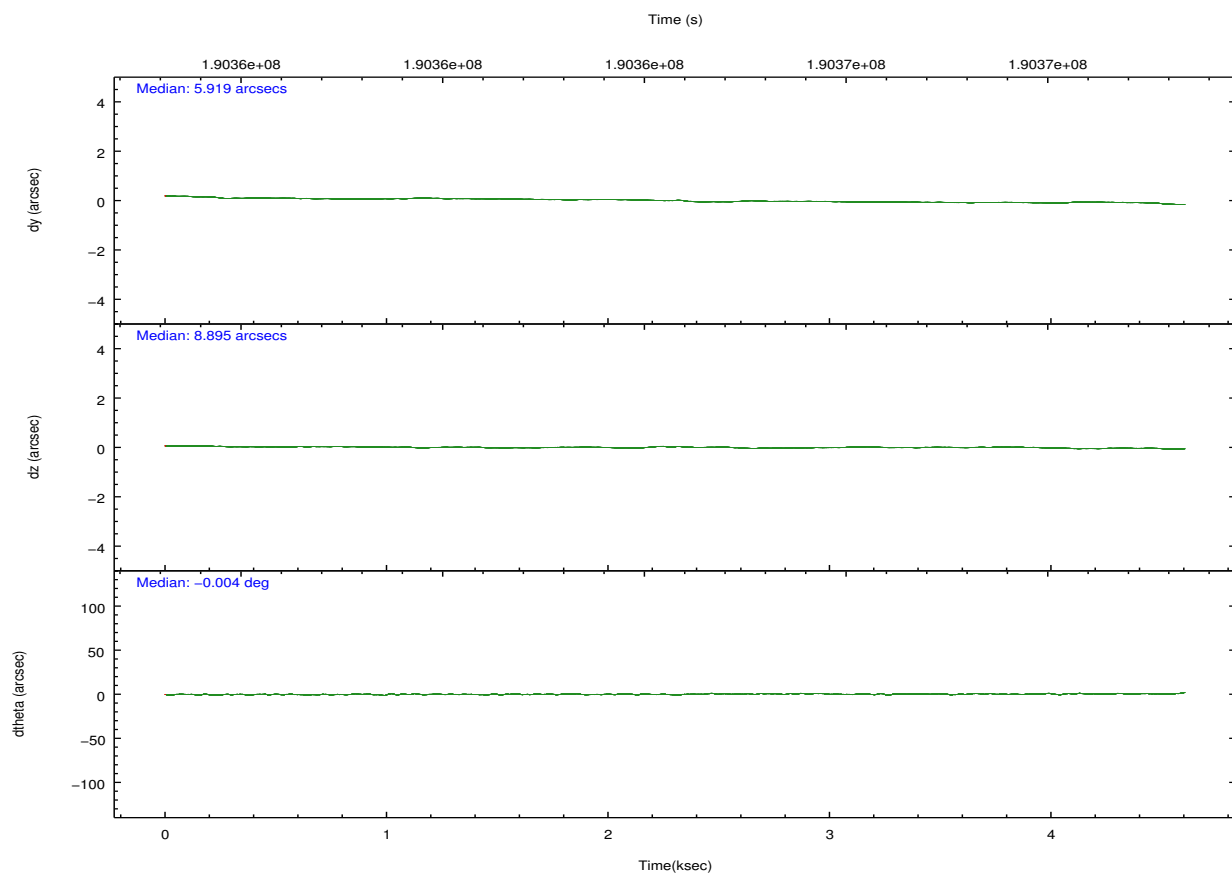
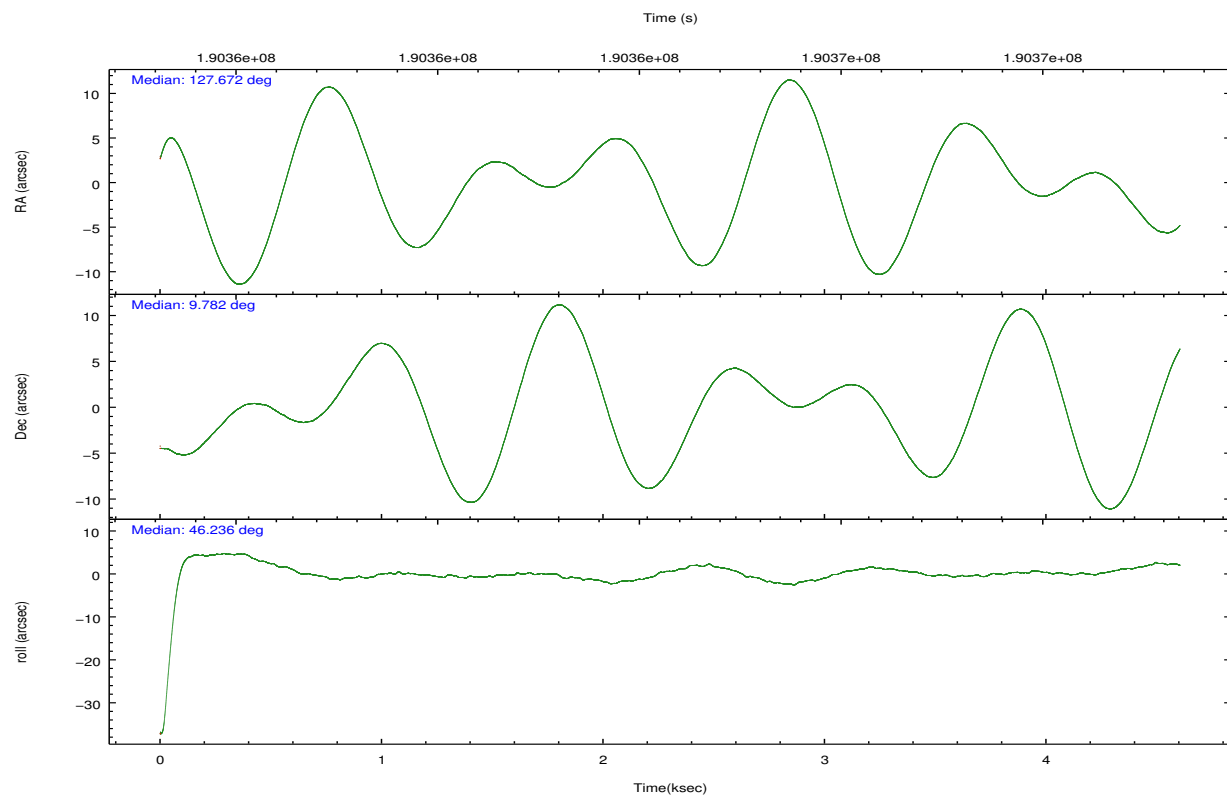
	ccd 7
grade 0 events	1361
	13%
grade 1 events	10
	0%
grade 2 events	1574
	15%
grade 3 events	851
	8%
grade 4 events	784
	7%
grade 5 events	741
	7%
grade 6 events	2716
	26%
grade 7 events	2322
	22%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
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
[deg] Pointing RA	127.665883	127.6719752437879	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	9.755921	9.782363887434133	Subarray start row	385	385
[deg] Pointing Roll	46.083133	46.23861250629397	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	190363039.184000	190361626.00656			
Observation start date	2004-01-13T06:36:15	2004-01-13T06:13:46			
[s] Observation end time (MET)	190367453.184000	190367959.99434			
Observation end date	2004-01-13T07:49:49	2004-01-13T07:59:19			
Read mode	TIMED	TIMED			

2.3 Aspect



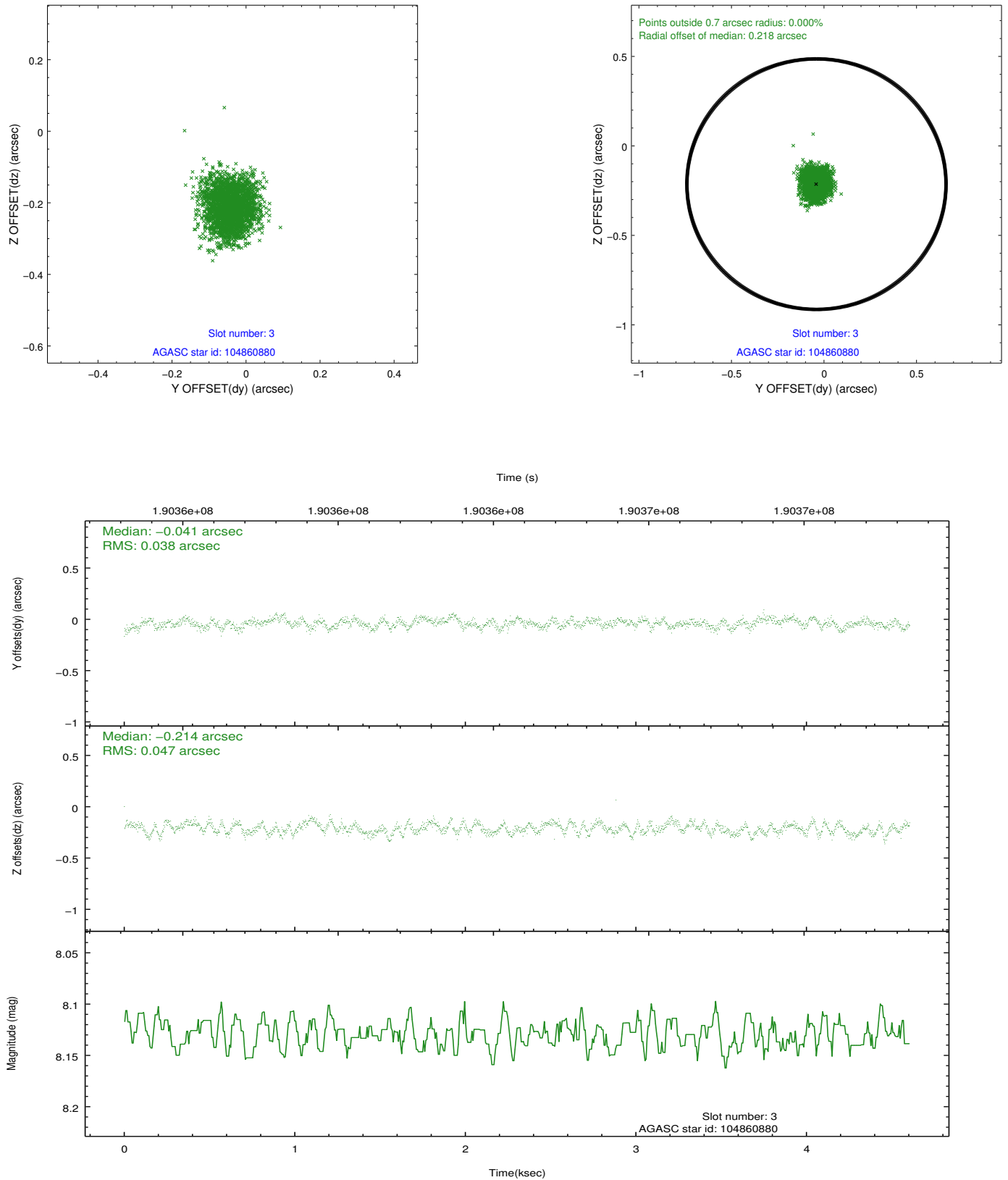


Slot Statistics

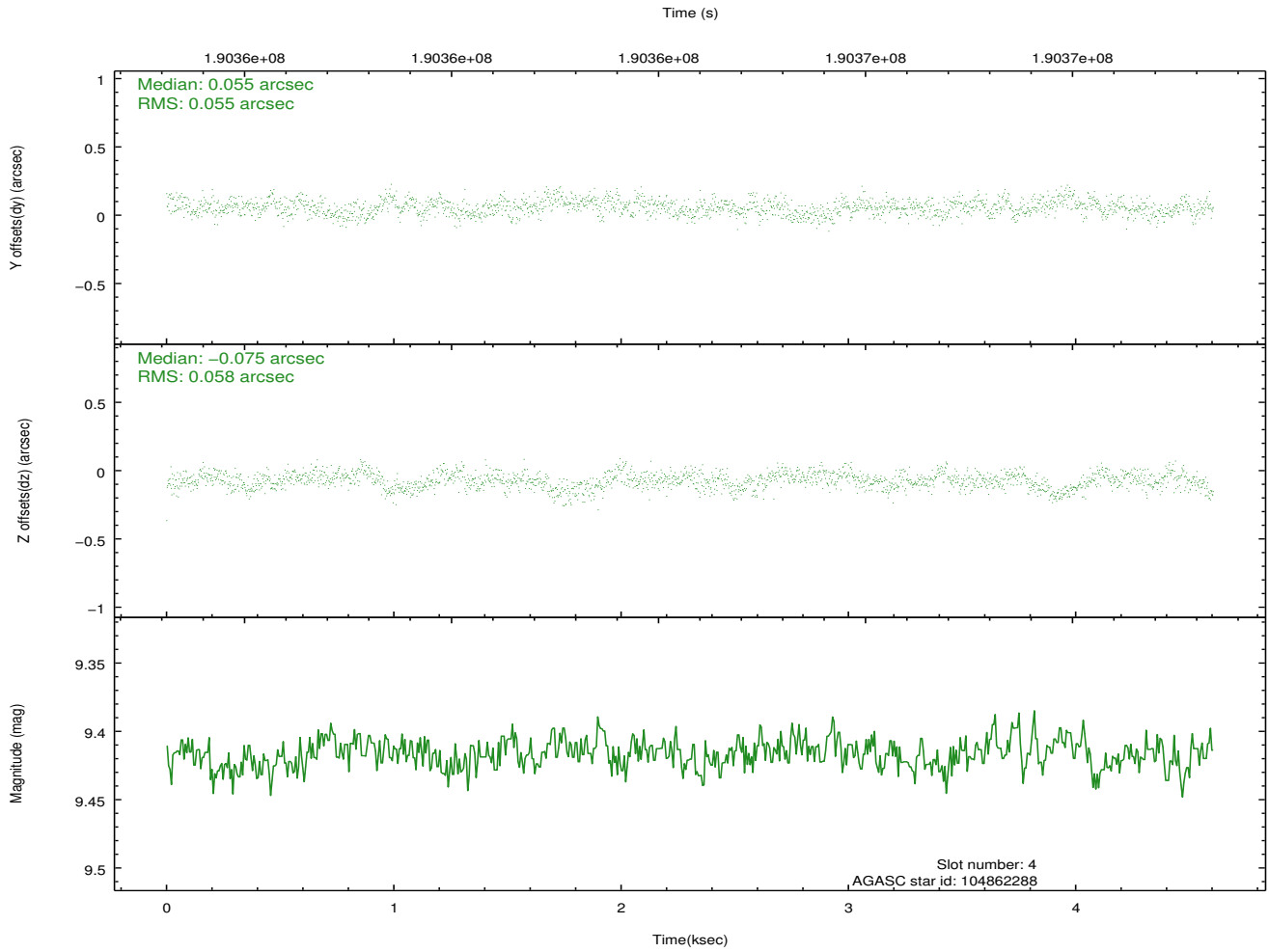
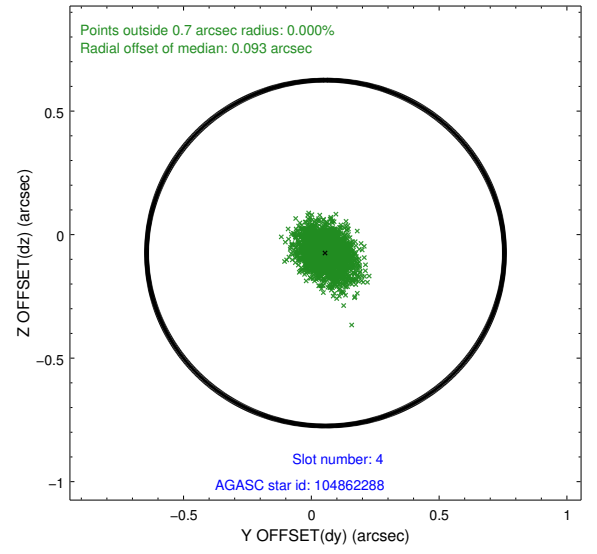
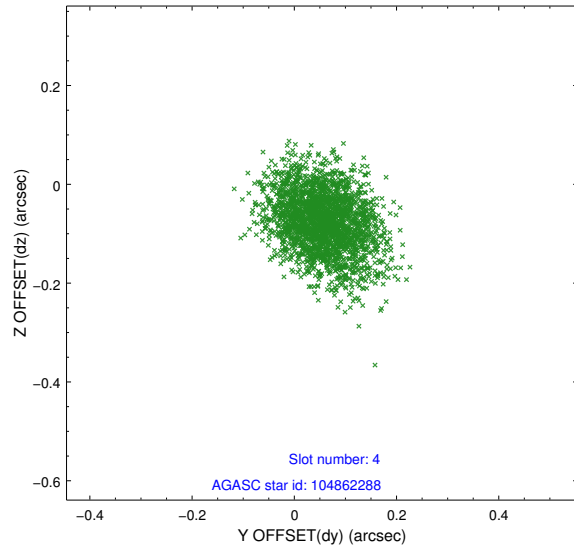
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1120	-0.044	-0.037	0.007	0.011	0.000000	0.000000	-758.69	-1730.14
1	FID	ACIS-S-4	7.20	1123	0.078	0.031	0.006	0.011	0.000000	0.000000	2154.10	177.02
2	FID	ACIS-S-5	7.22	1123	-0.064	0.015	0.006	0.011	0.000000	0.000000	-1809.83	172.20
3	GUIDE	104860880	8.13	2246	-0.041	-0.214	0.065	0.104	127.482172	10.470776	1403.35	2254.04
4	GUIDE	104862288	9.42	2246	0.055	-0.075	0.084	0.139	127.148004	9.488143	-1967.46	657.79
5	GUIDE	104865104	6.96	2246	-0.054	0.135	0.077	0.127	128.166128	10.066005	2034.84	-501.60
6	GUIDE	104868400	7.27	2246	0.020	0.024	0.069	0.117	127.977058	9.814098	918.55	-649.69
7	GUIDE	104869832	8.74	2244	0.007	0.130	0.073	0.120	127.384381	9.436204	-1521.12	-78.16

2.4 Star Slots

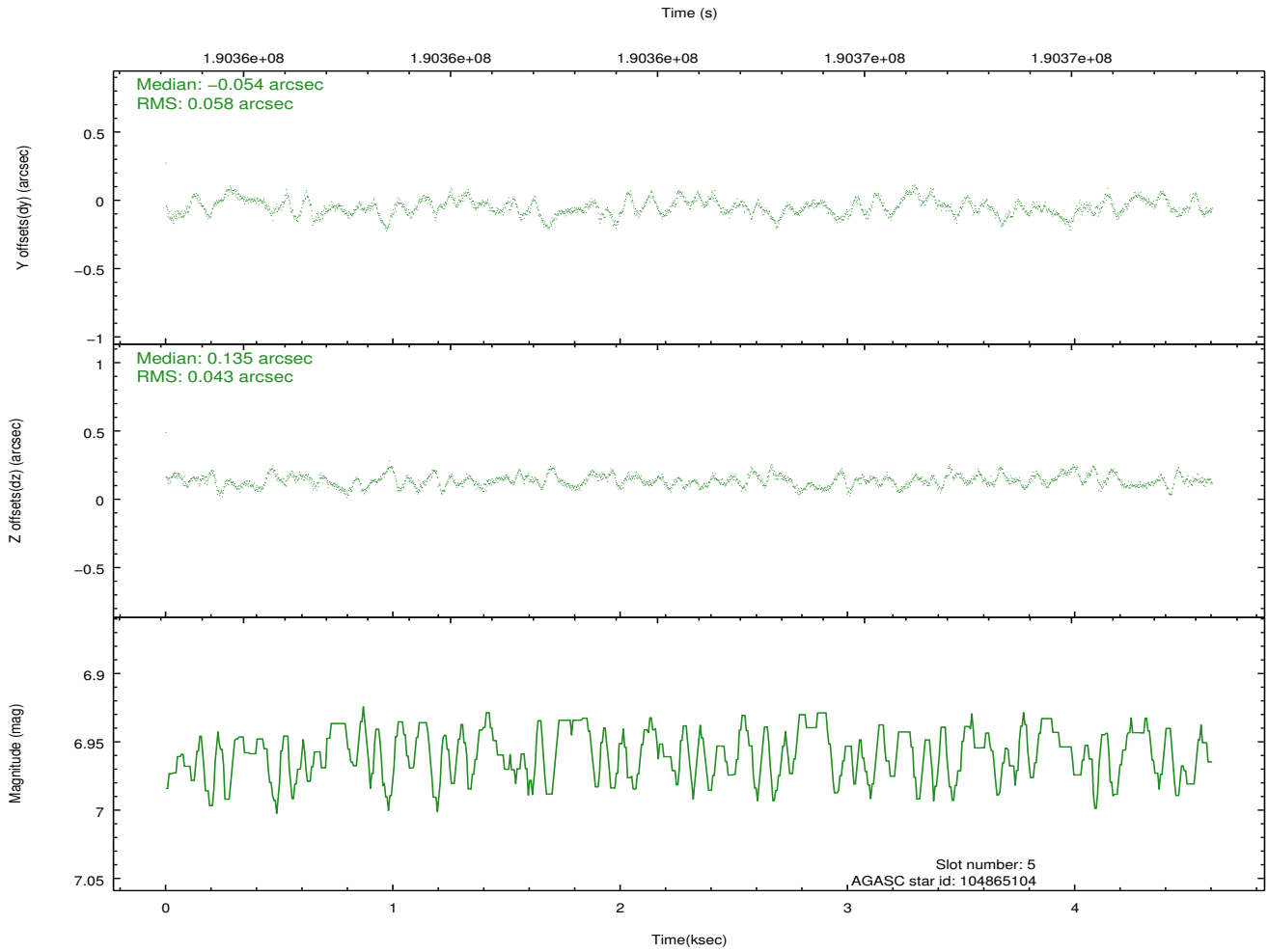
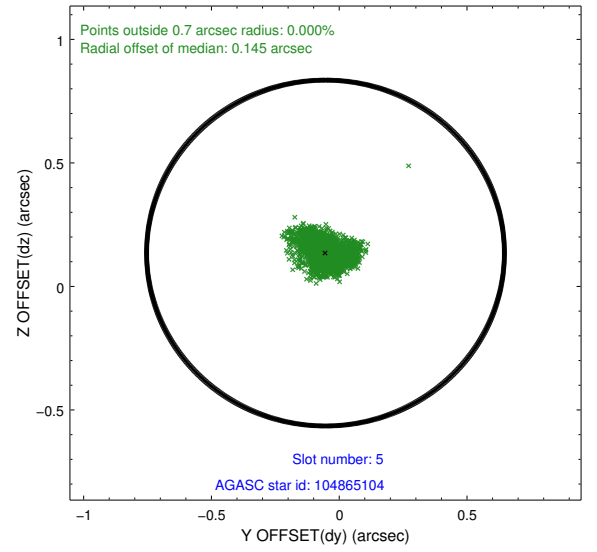
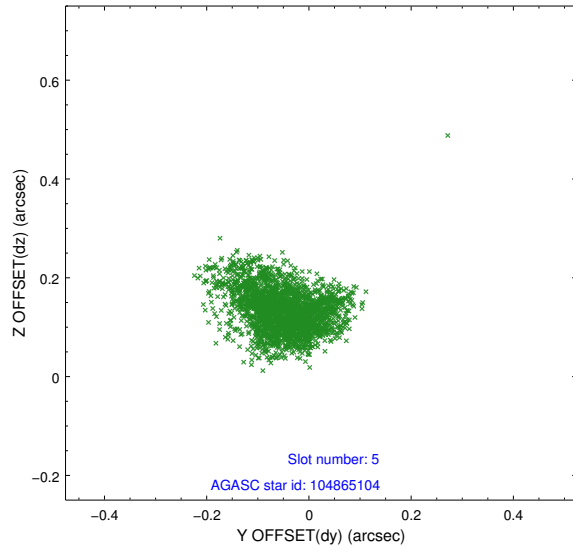
2.4.1 Slot 3



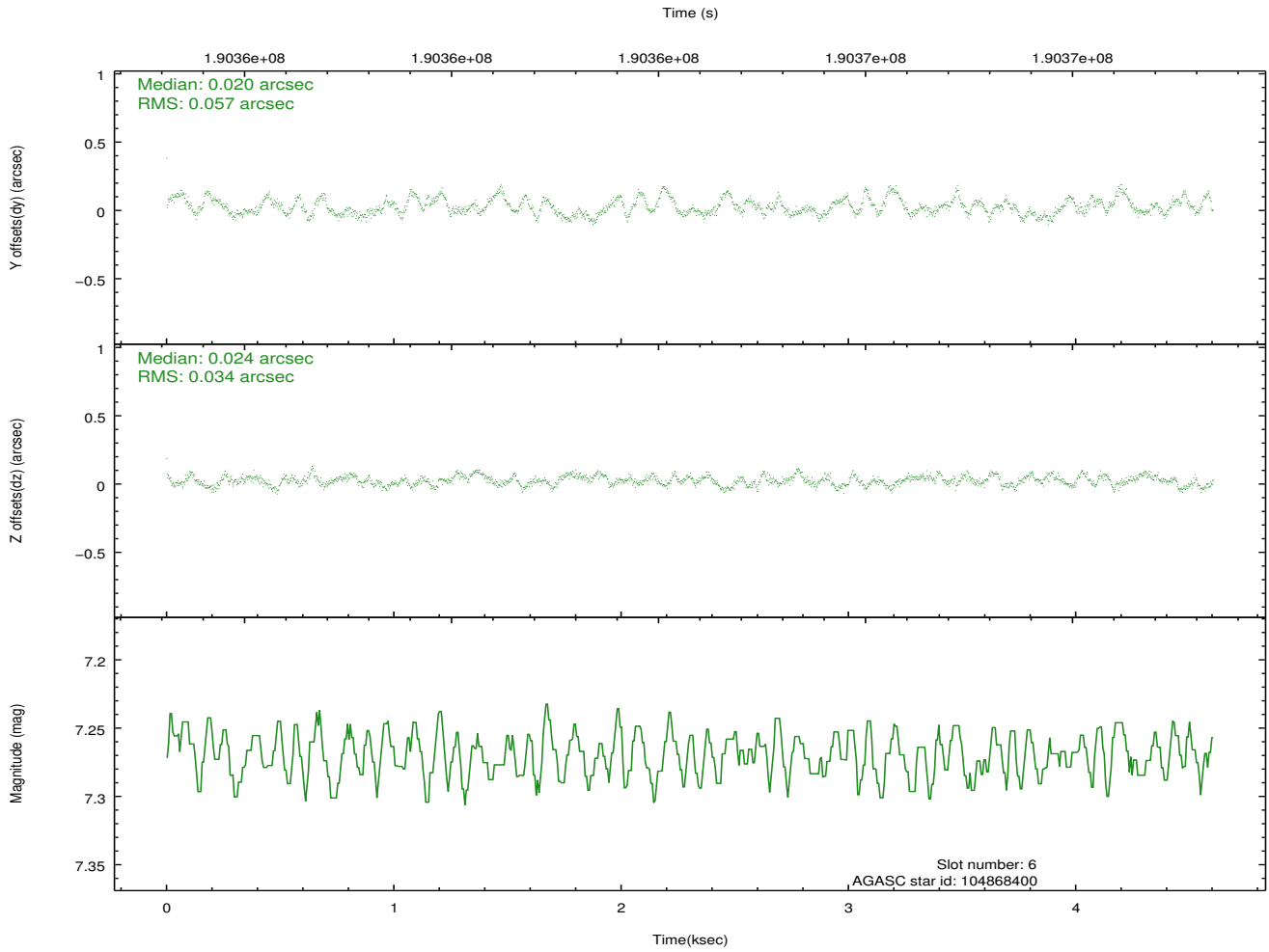
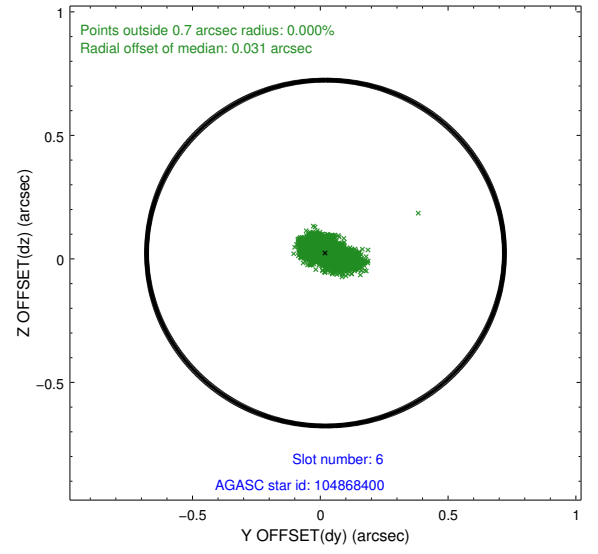
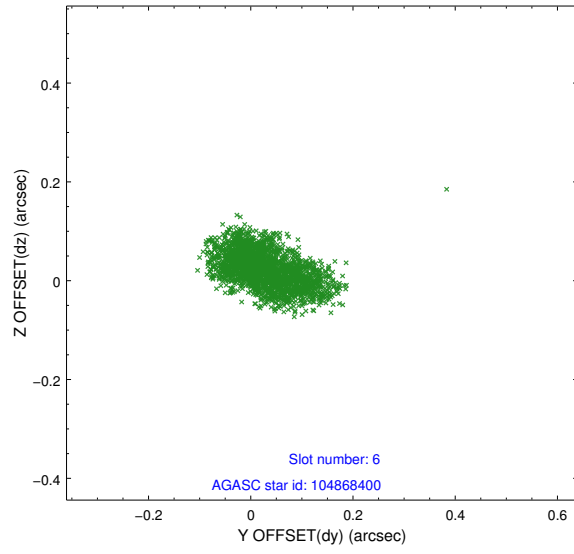
2.4.2 Slot 4



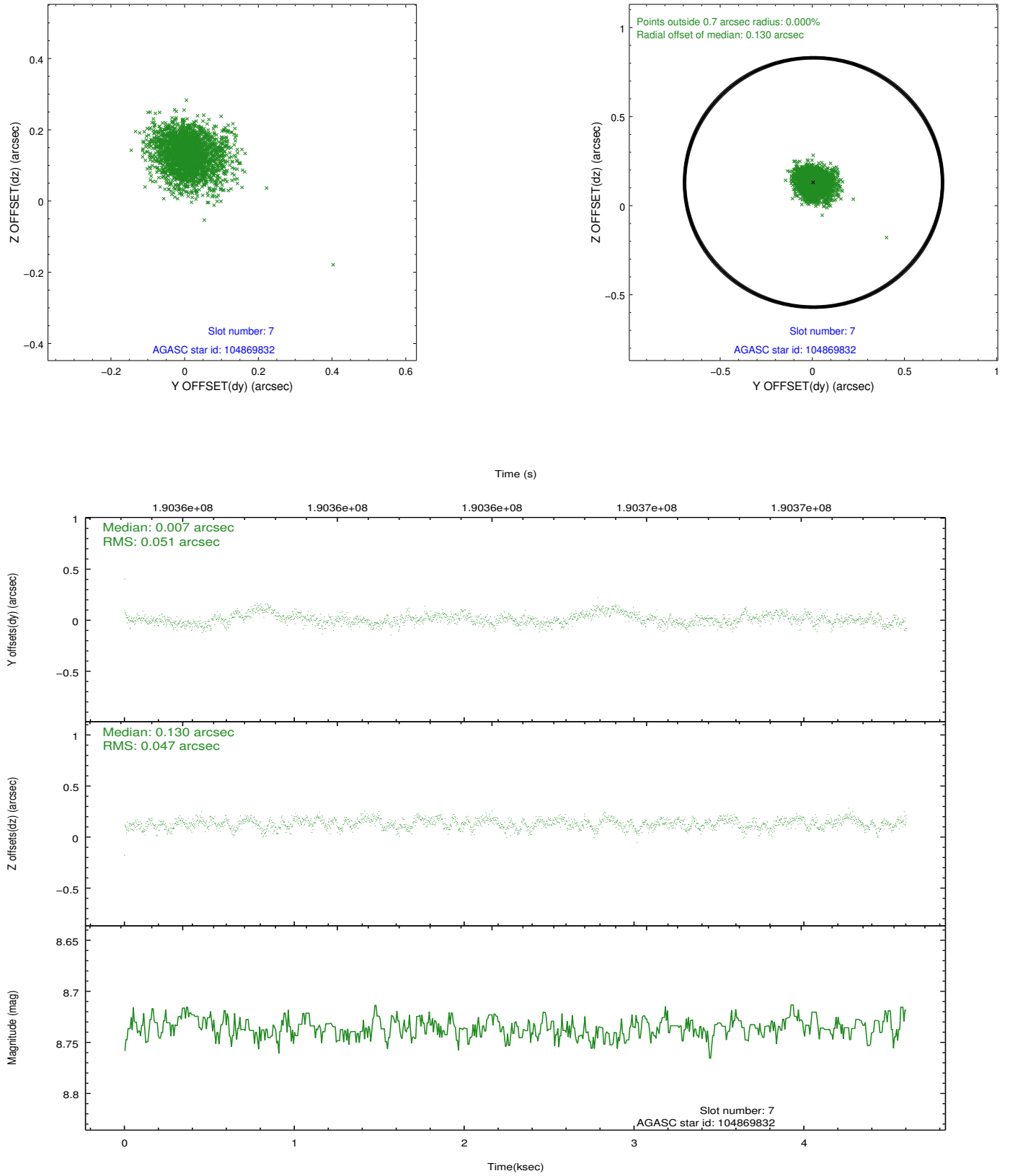
2.4.3 Slot 5



2.4.4 Slot 6

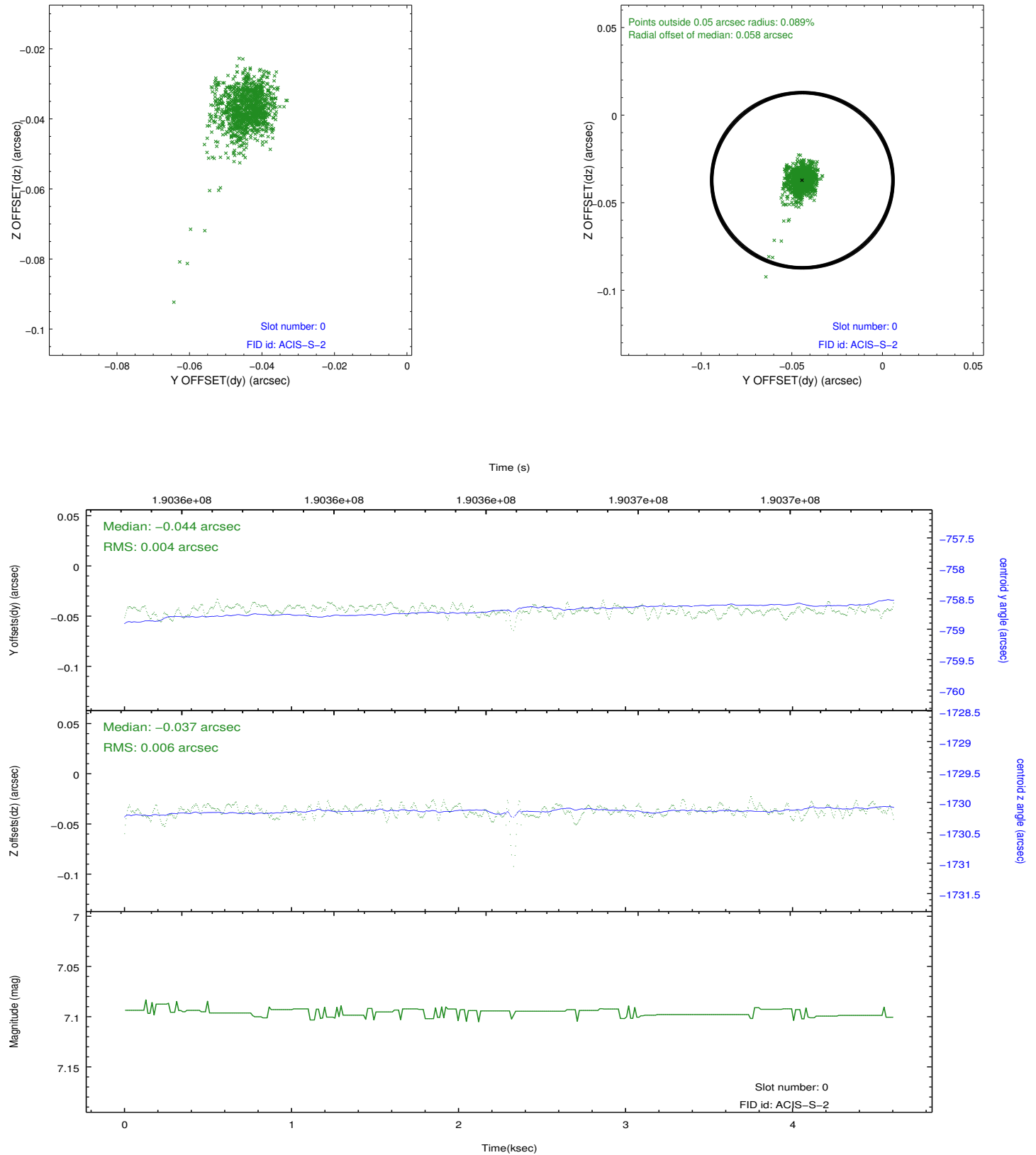


2.4.5 Slot 7

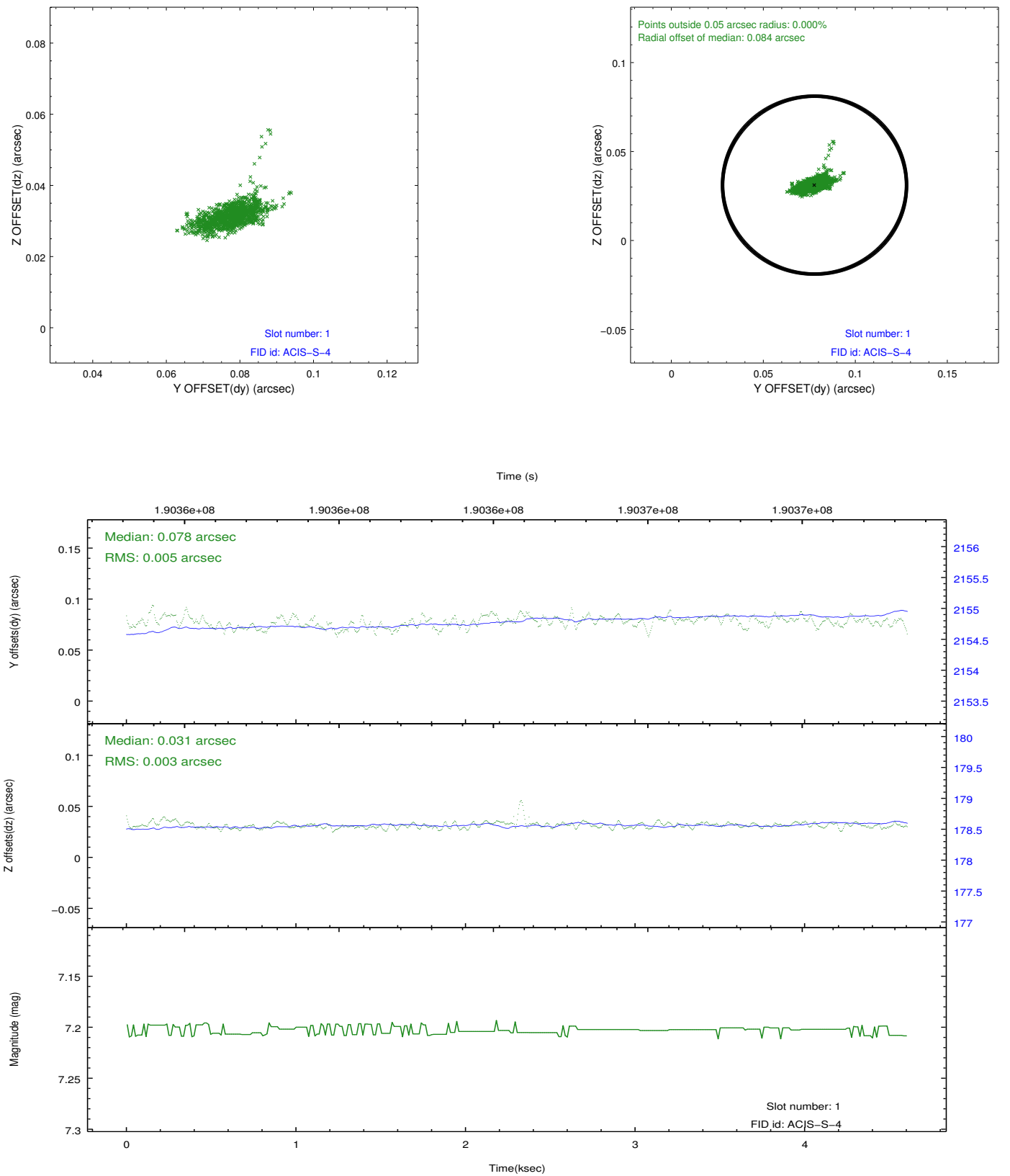


2.5 FID Slots

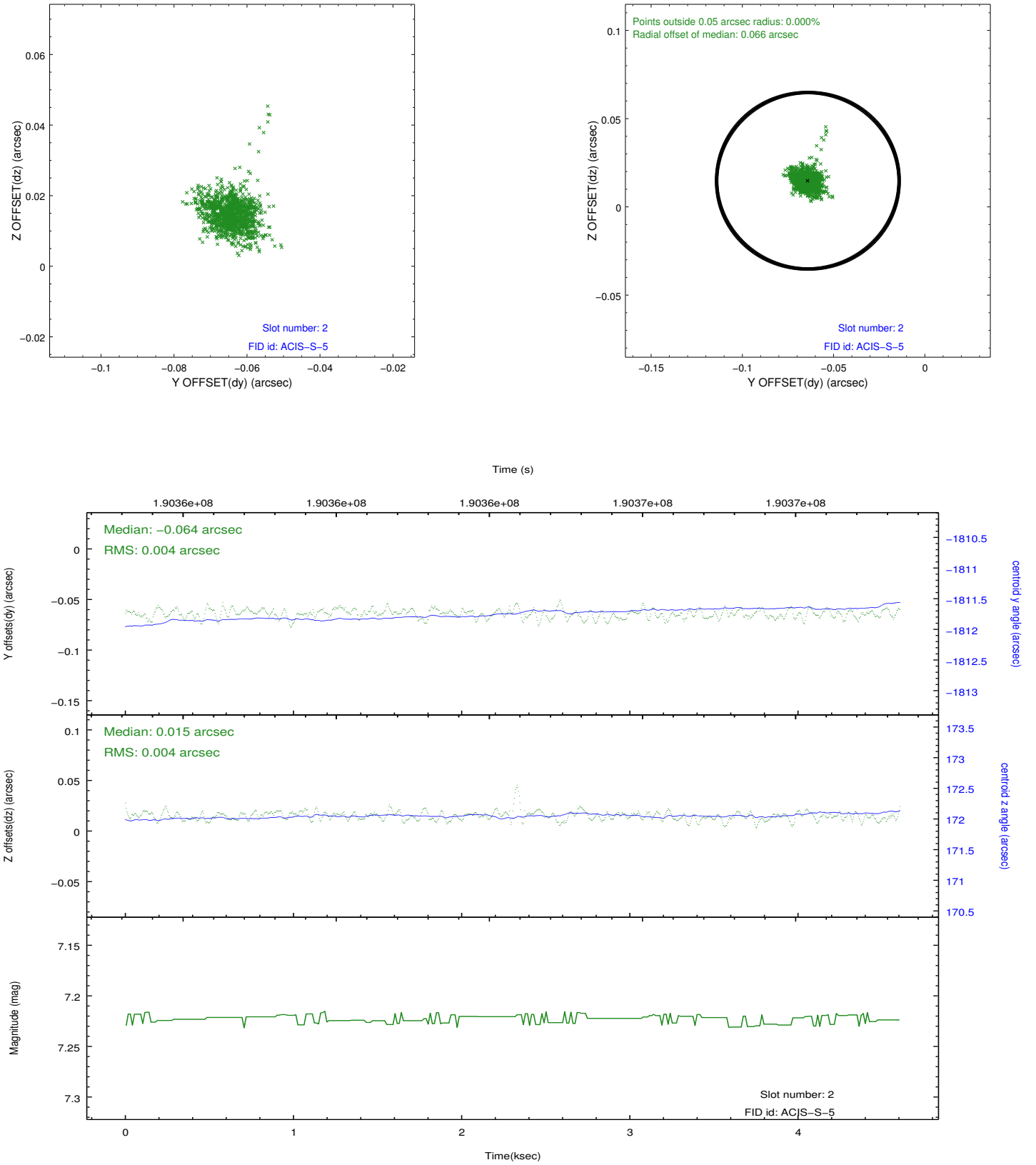
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.602

A.2 Comments