

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11463 - L2 Version 2
Chandra X-Ray Center

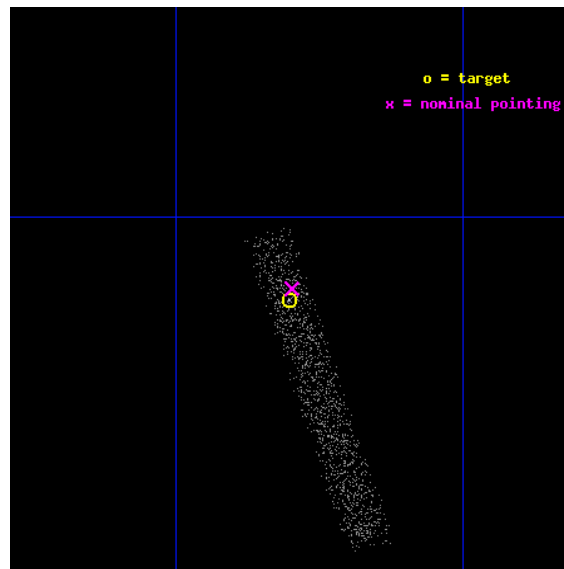
L2 Processing Date : Jun 21 2012

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1 Front

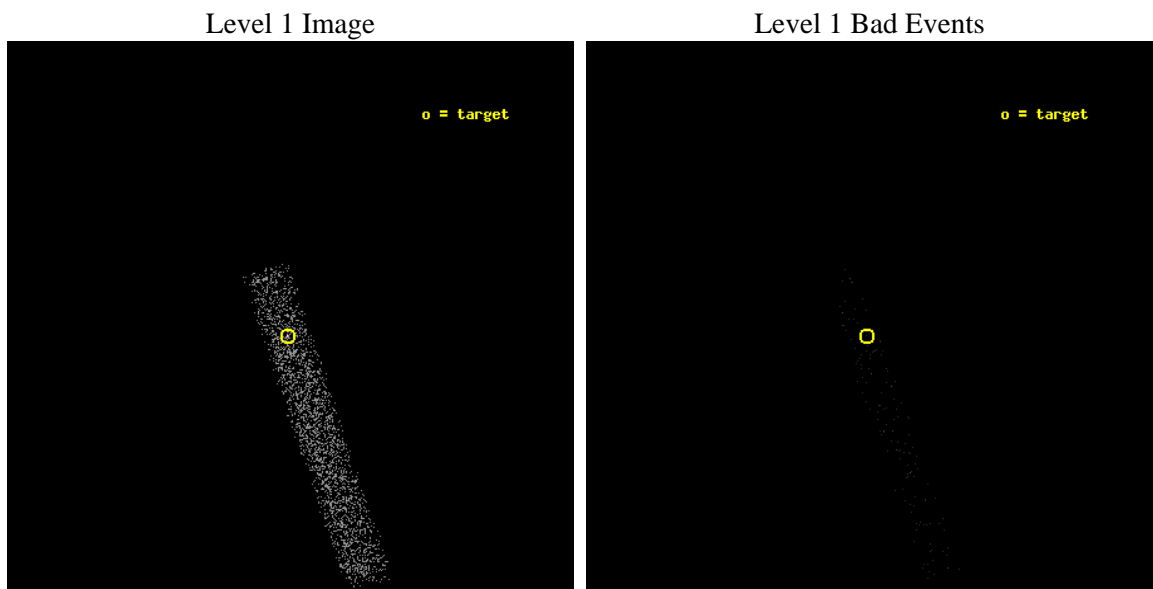
seq_num	702049	Sequence number
obs_id	11463	Observation id
title	X-ray Signatures of Accretion in AGNs with Intermediate-mass Black Holes	Proposal title
observer	Dr. Luis Ho	Principal investigator
object	SDSS J121518.23+014751.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	183.825833	Observer's specified target RA [deg]
dec_targ	1.797528	Observer's specified target Dec [deg]
ra_nom	183.82464263335	Nominal RA [deg]
dec_nom	1.8022186459744	Nominal Dec [deg]
roll_nom	71.427690862104	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2151.5998717546	Sum of GTIs [s]
livetime	1951.3875129282	Livetime [s]
ontime7	2151.5998717546	Sum of GTIs [s]
l2events	1461	Number of level 2 events



2 OBI

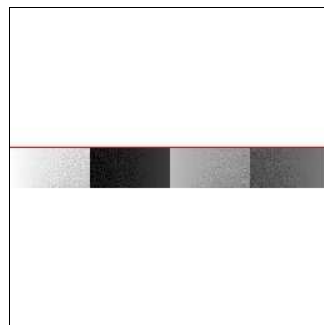
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	2151.5998717546	Sum of GTIs [s]
caldsver	4.4.10	 	ontime7	2151.5998717546	Sum of GTIs [s]
date	2012-06-21T14:37:41	Date and time of file creation	l1events	4347	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

	ccd 7
level 1 events	4347
rejected events	2823
rejected %	64%

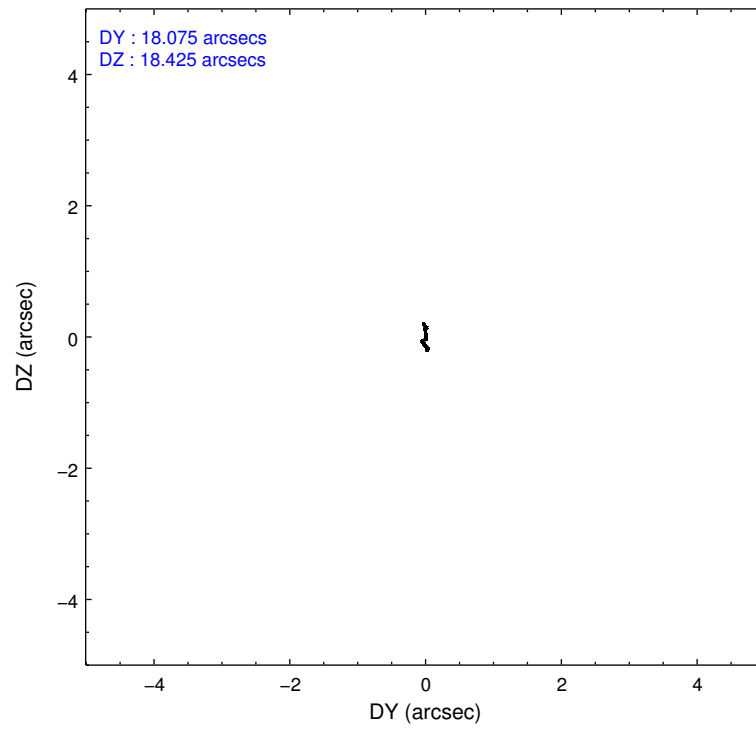
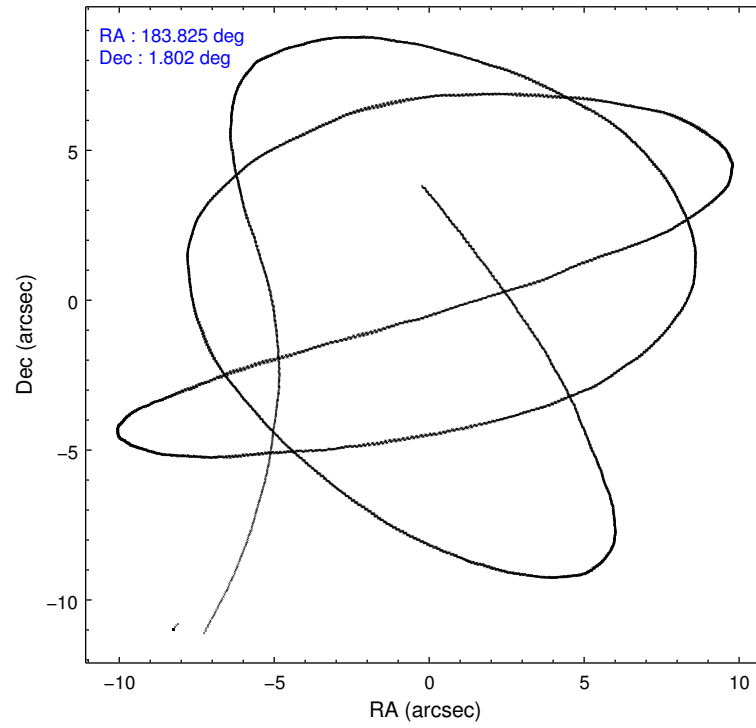
	ccd 7
grade 0 events	270
	6%
grade 1 events	10
	0%
grade 2 events	439
	10%
grade 3 events	316
	7%
grade 4 events	287
	6%
grade 5 events	452
	10%
grade 6 events	957
	22%
grade 7 events	1616
	37%

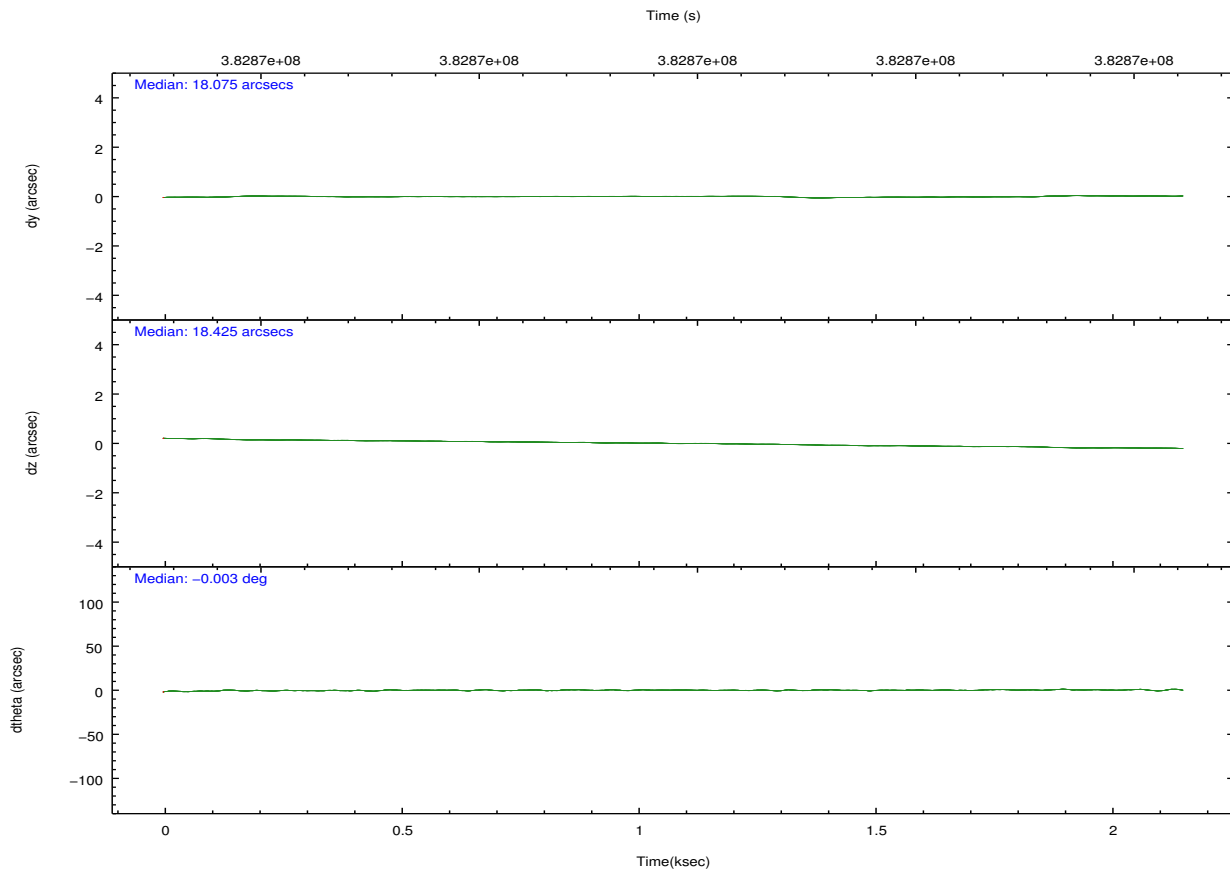
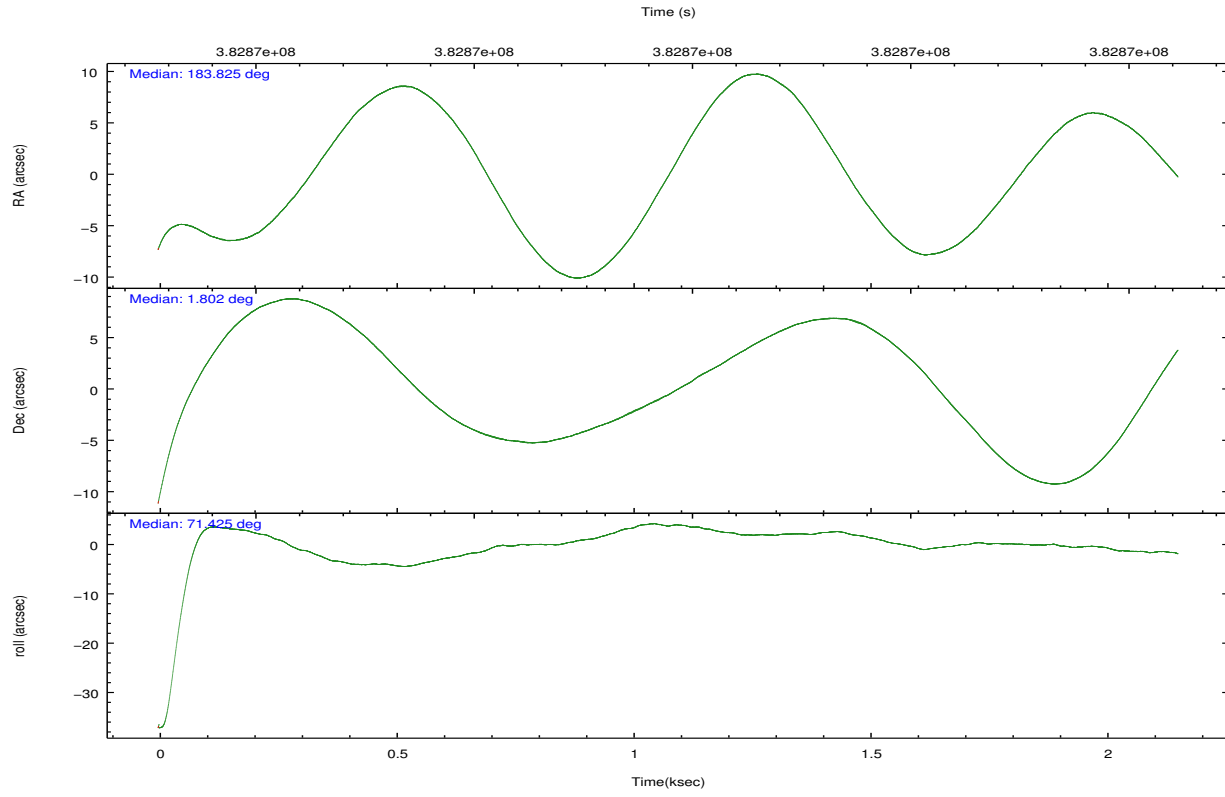
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-7	ACIS-7
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	183.830515	183.8246426333525
[deg] Pointing Dec	1.775524	1.802218645974374
[deg] Pointing Roll	71.271128	71.42769086210399
[mm] SIM focus pos	-0.684267	-0.6828225247311905
[mm] SIM defocus	0	0.001444936568705701
[mm] SIM translation stage pos	-190.132523	-190.1425803651734
[mm] SIM translation stage offset	0	0.01005778216563158
[s] Observation start time (MET)	382868020.184000	382866727.5606
Observation start date	2010-02-18T08:12:34	2010-02-18T07:52:07
[s] Observation end time (MET)	382870020.184000	382871364.66084
Observation end date	2010-02-18T08:45:54	2010-02-18T09:09:24
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	CUSTOM	1/8
Subarray start row	449	449
Subarray row count	128	128
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	0.4

2.3 Aspect



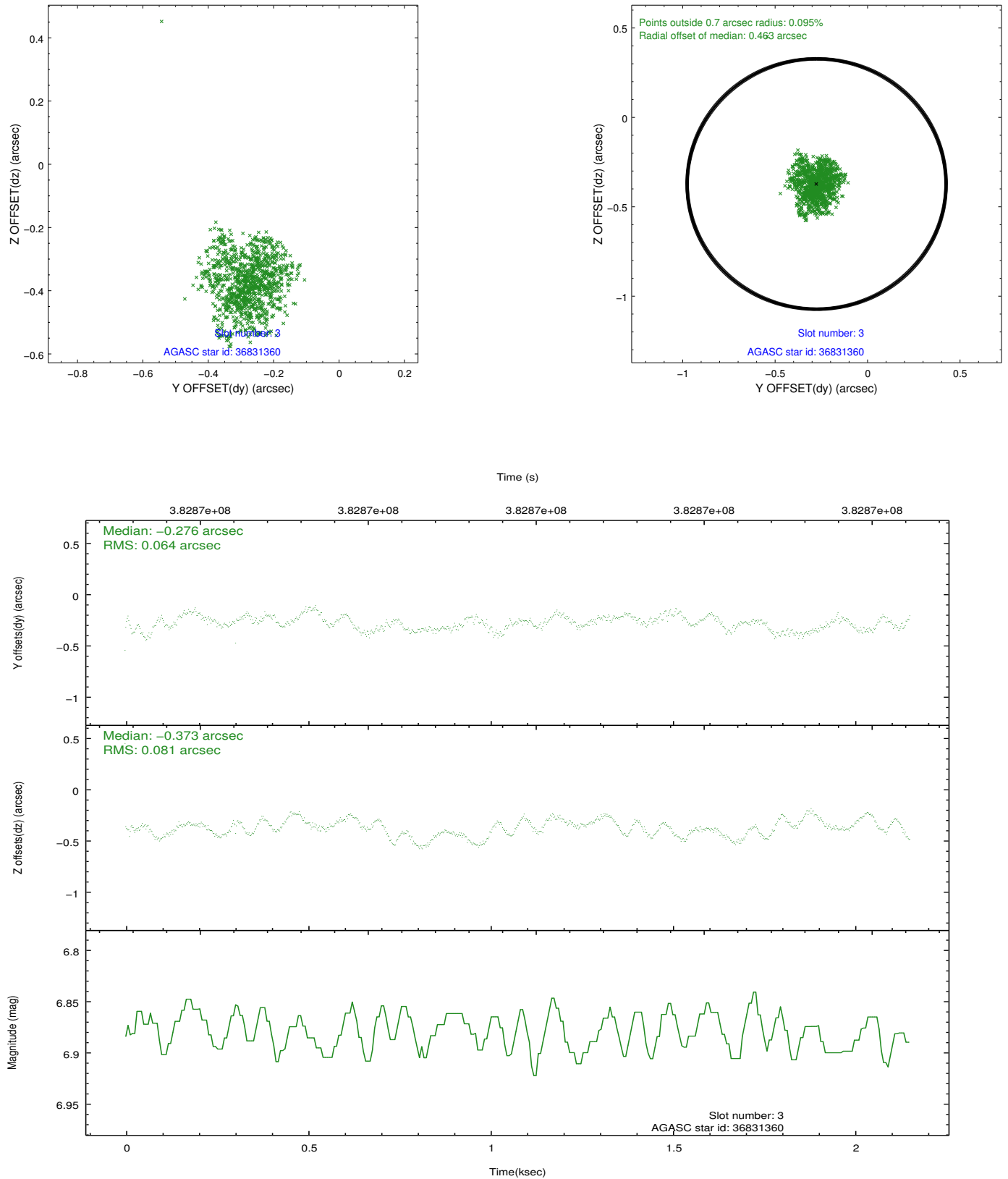


Slot Statistics

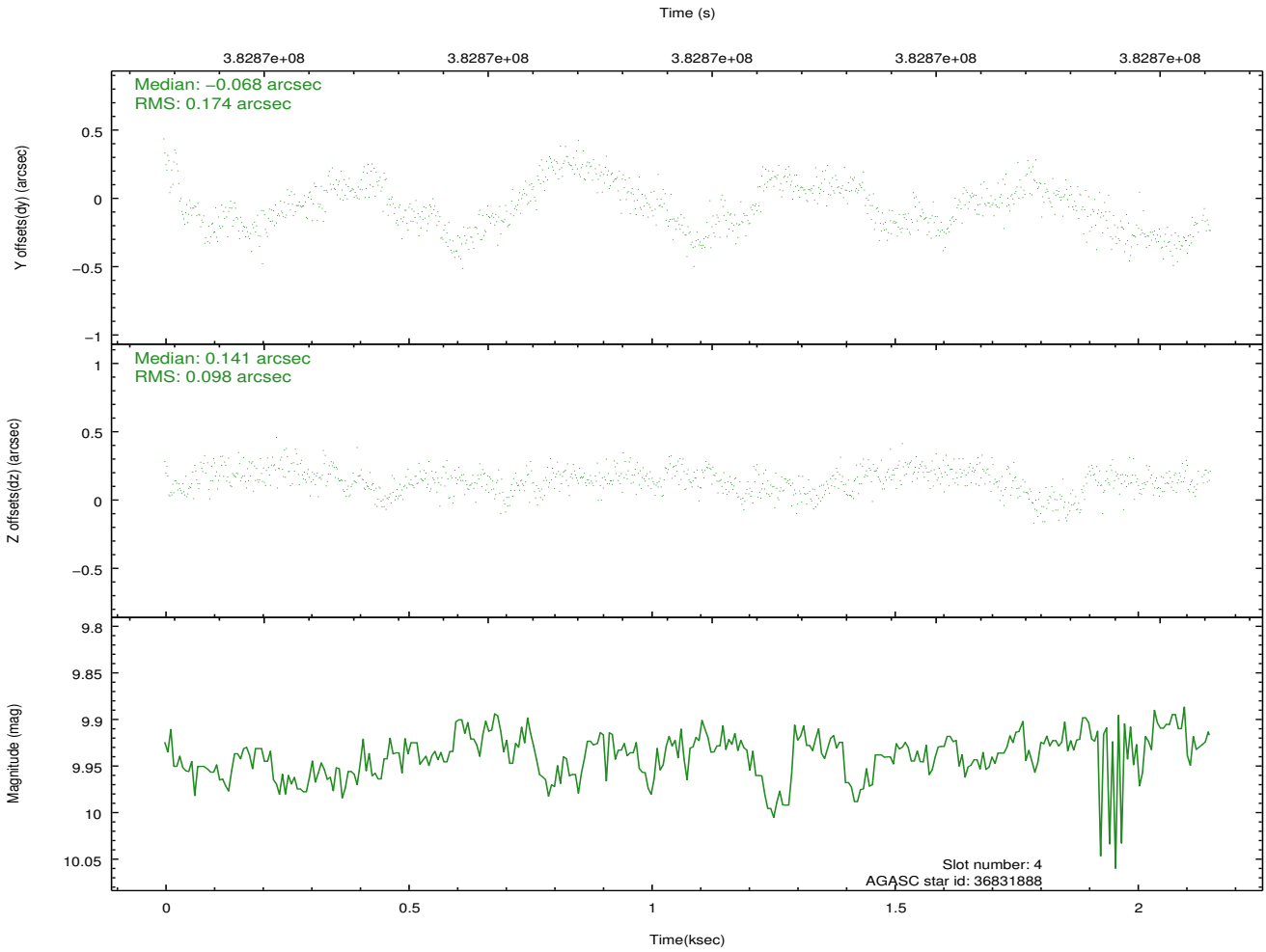
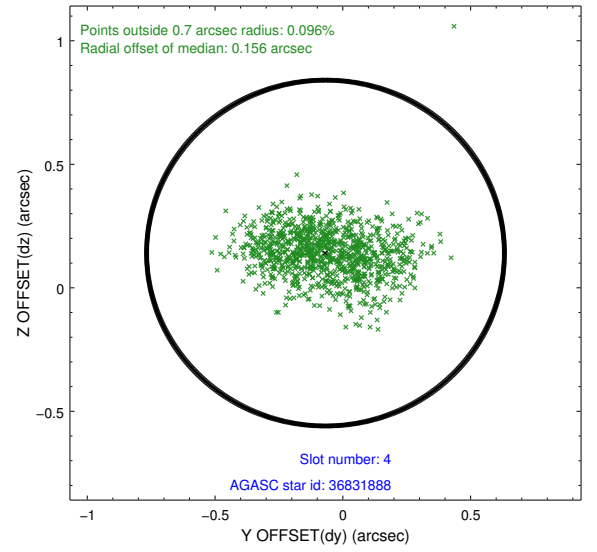
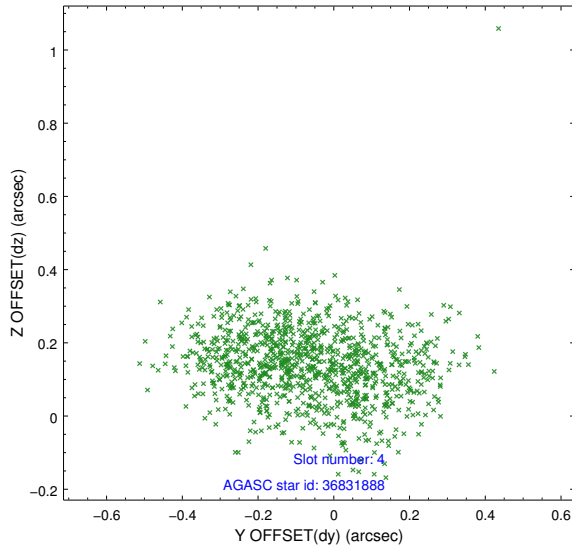
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	526	-0.062	-0.055	0.006	0.011	0.000000	0.000000	-771.22	-1739.88
1	FID	ACIS-S-4	6.97	526	0.199	0.044	0.005	0.010	0.000000	0.000000	2140.96	165.50
2	FID	ACIS-S-5	7.00	526	-0.168	0.019	0.007	0.011	0.000000	0.000000	-1820.26	162.67
3	GUIDE	36831360	6.88	1051	-0.276	-0.373	0.110	0.167	183.482386	2.260219	1250.10	1746.73
4	GUIDE	36831888	9.94	1045	-0.068	0.141	0.217	0.337	184.181085	2.320282	2263.79	-562.64
5	GUIDE	36834144	10.21	1048	0.054	0.171	0.172	0.274	184.076794	1.166140	-1790.47	-1544.42
6	GUIDE	36835736	9.98	1048	0.114	-0.074	0.176	0.286	183.291436	1.366328	-2019.11	1362.76
7	GUIDE	36836152	9.88	1050	0.183	0.123	0.198	0.331	183.845730	1.492134	-949.81	-377.75

2.4 Star Slots

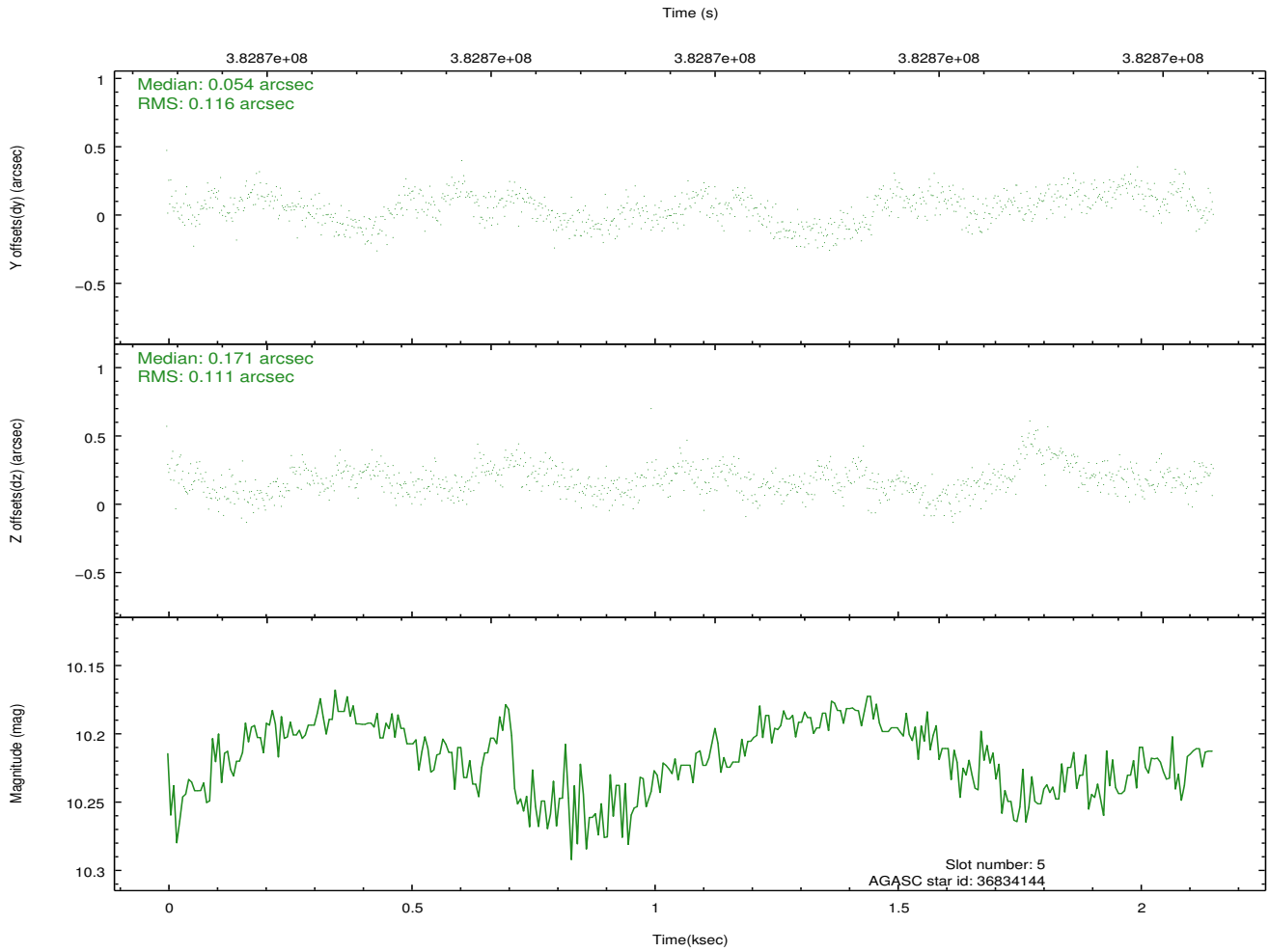
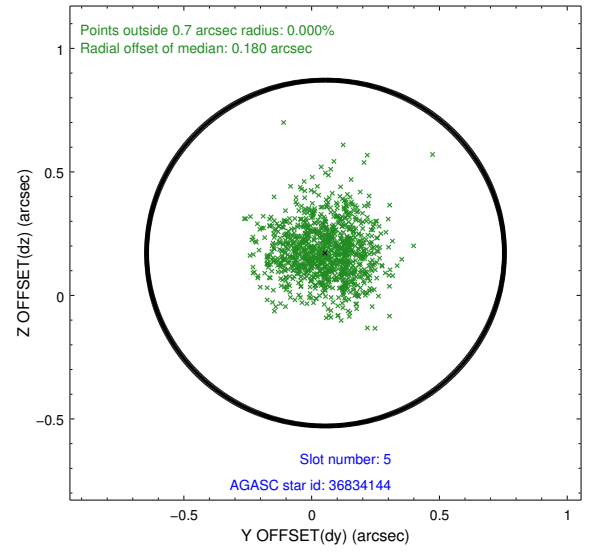
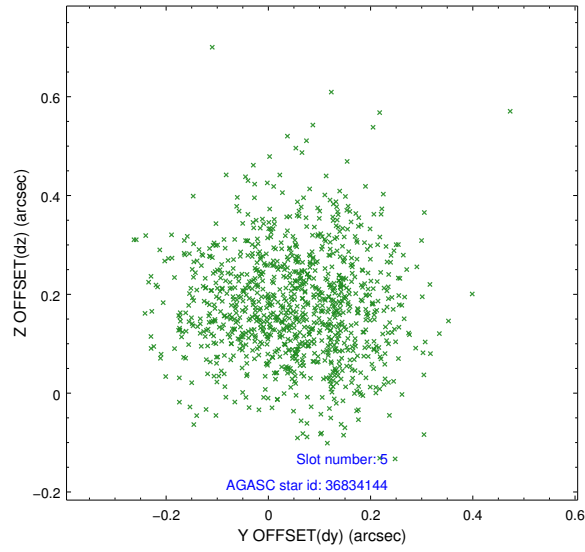
2.4.1 Slot 3



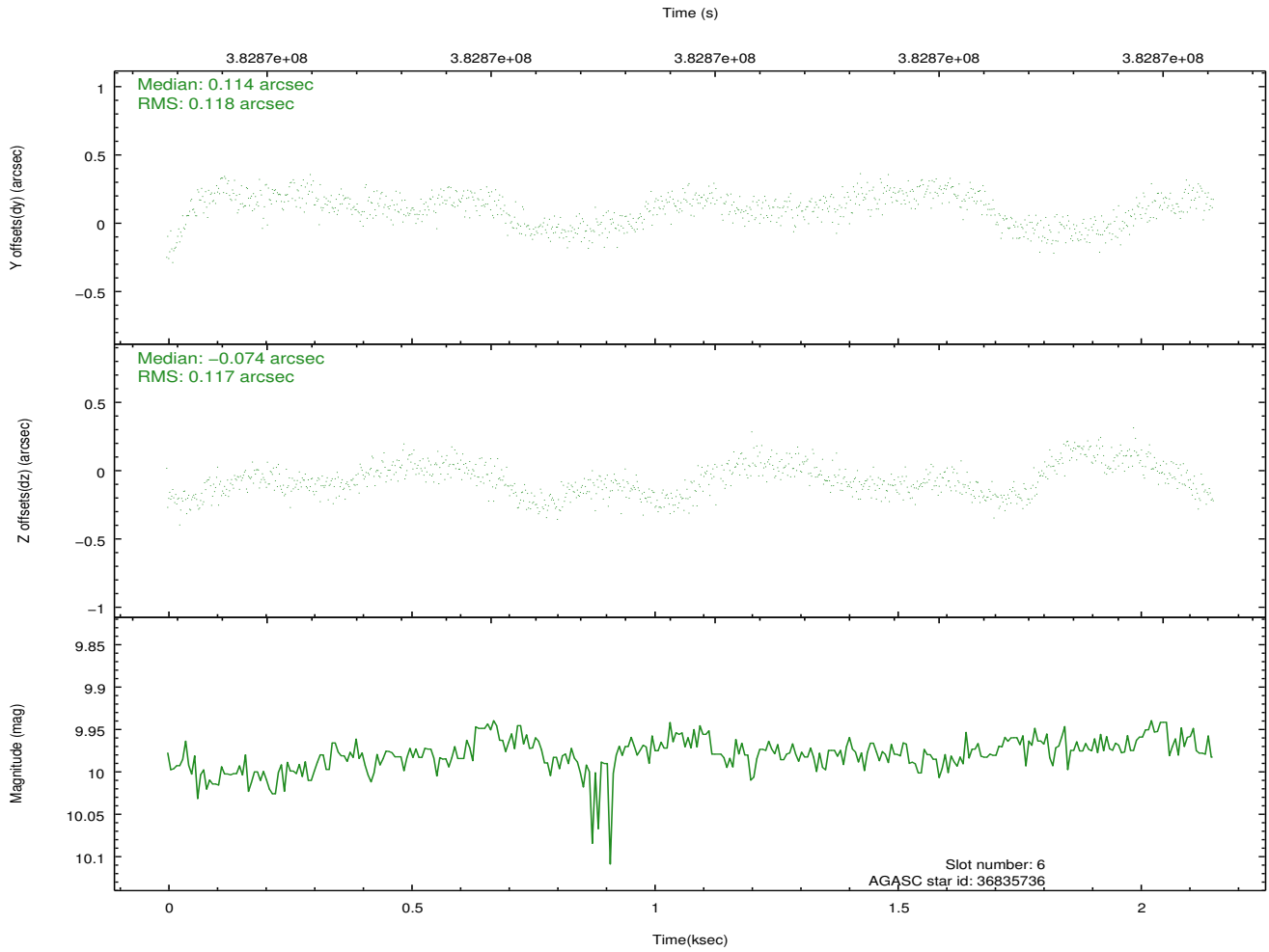
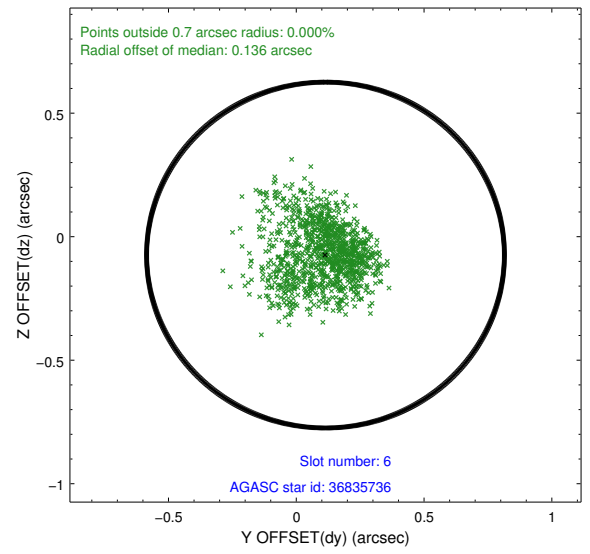
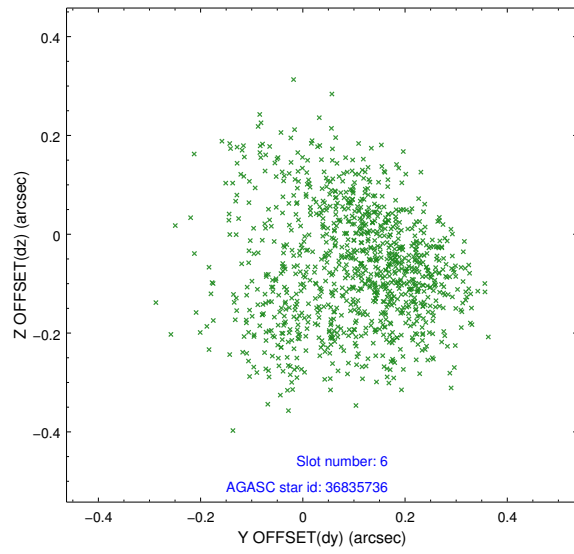
2.4.2 Slot 4



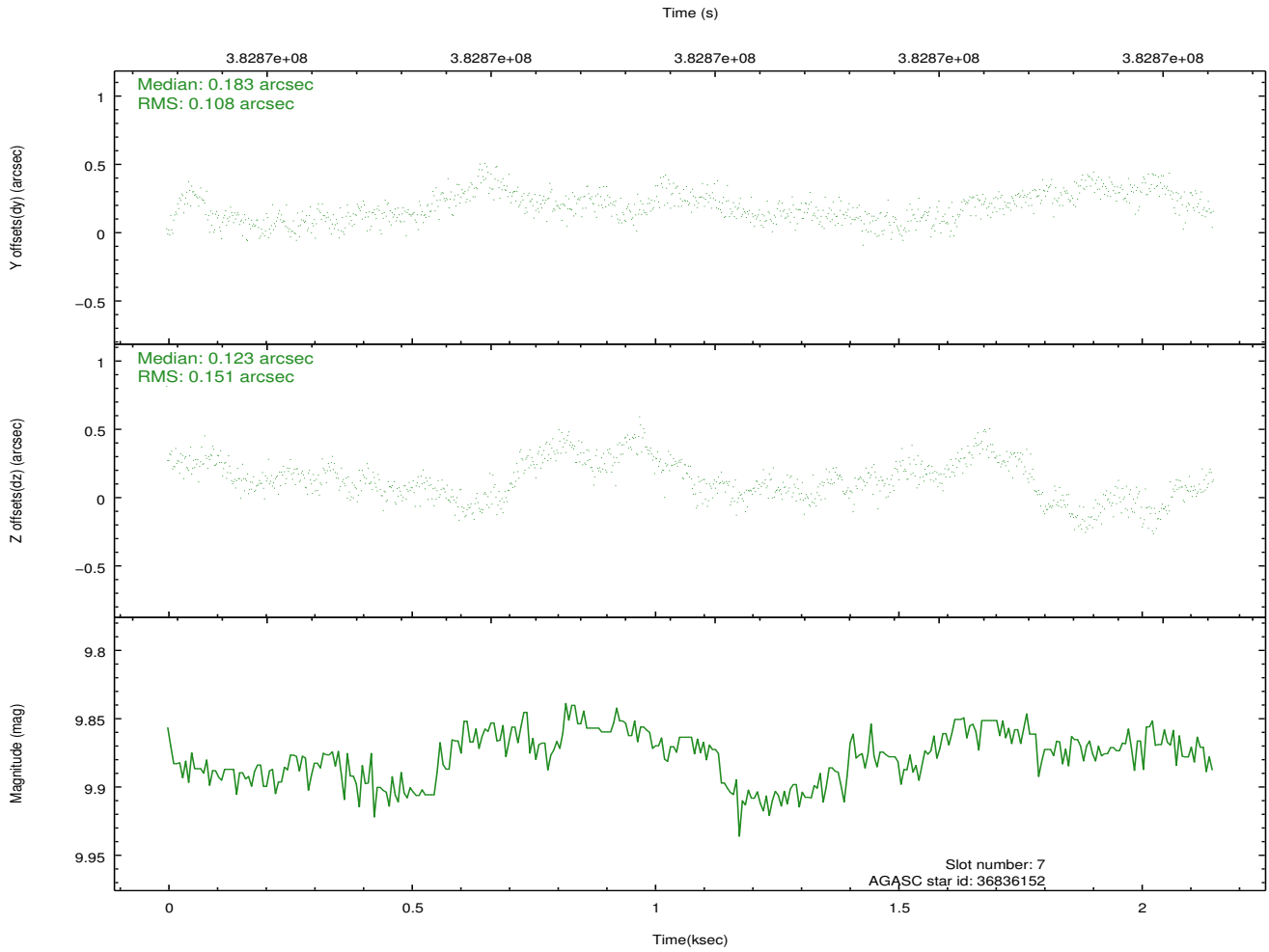
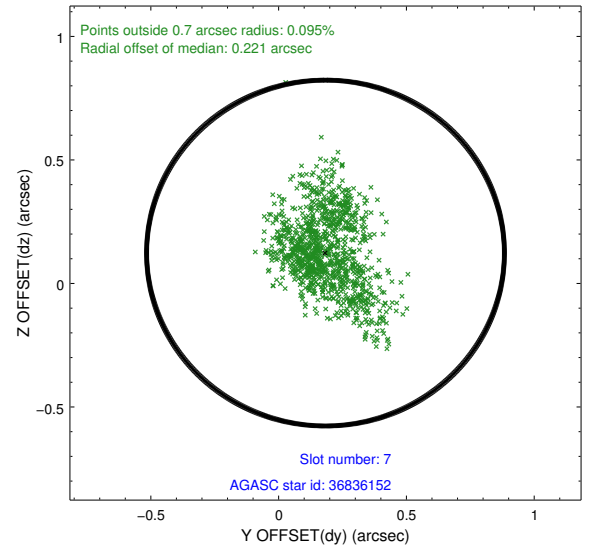
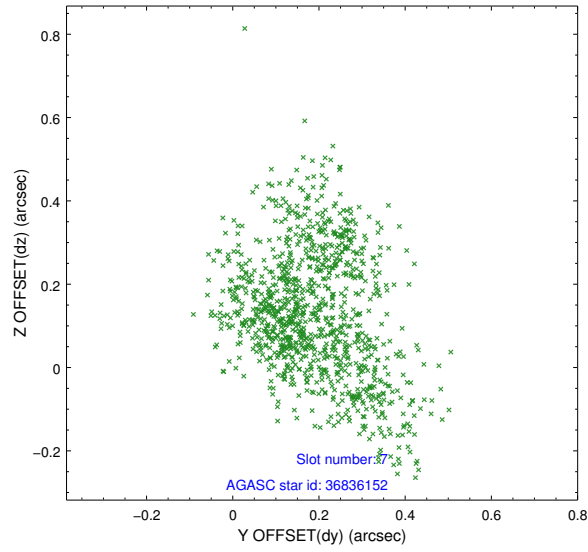
2.4.3 Slot 5



2.4.4 Slot 6

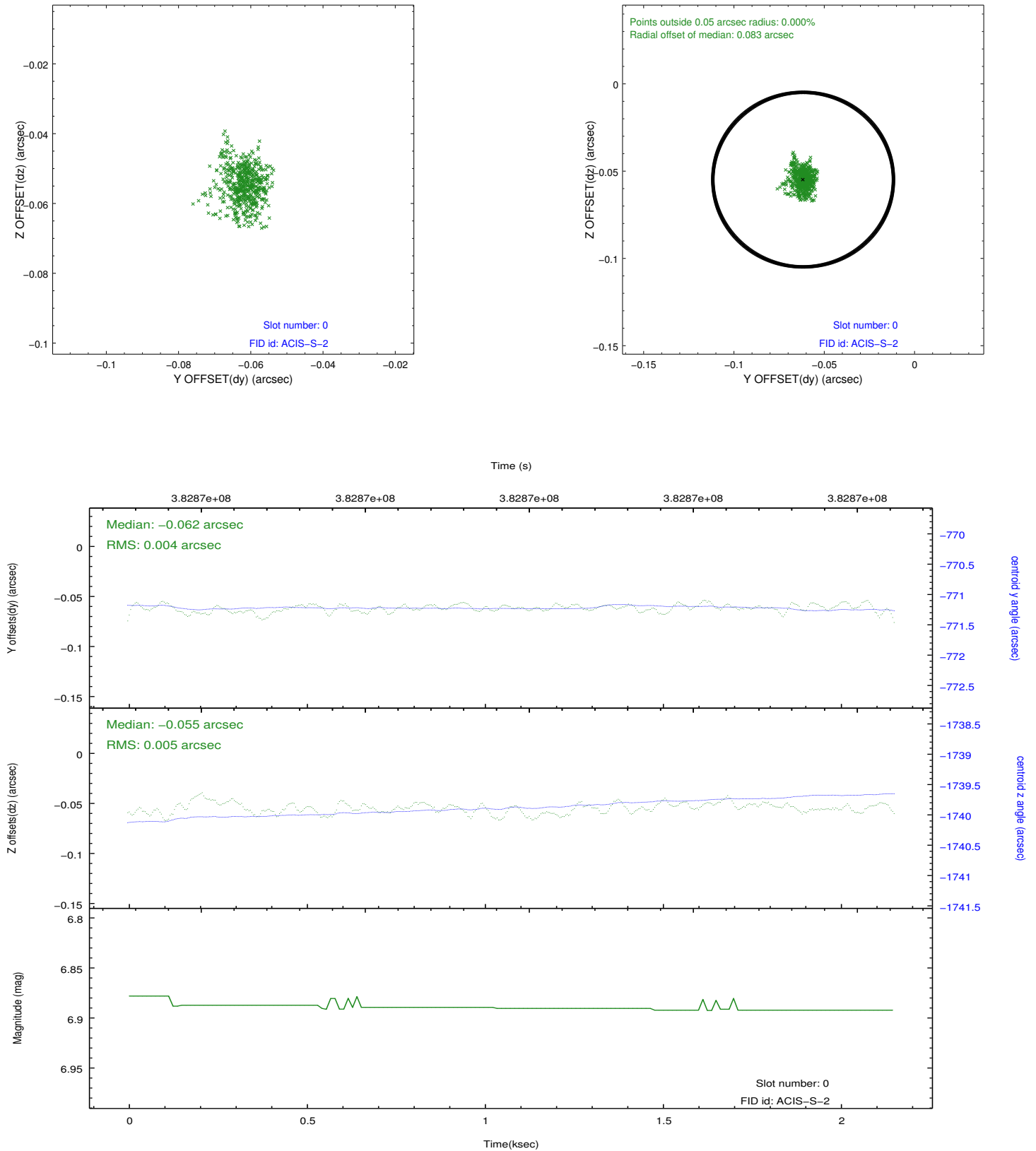


2.4.5 Slot 7

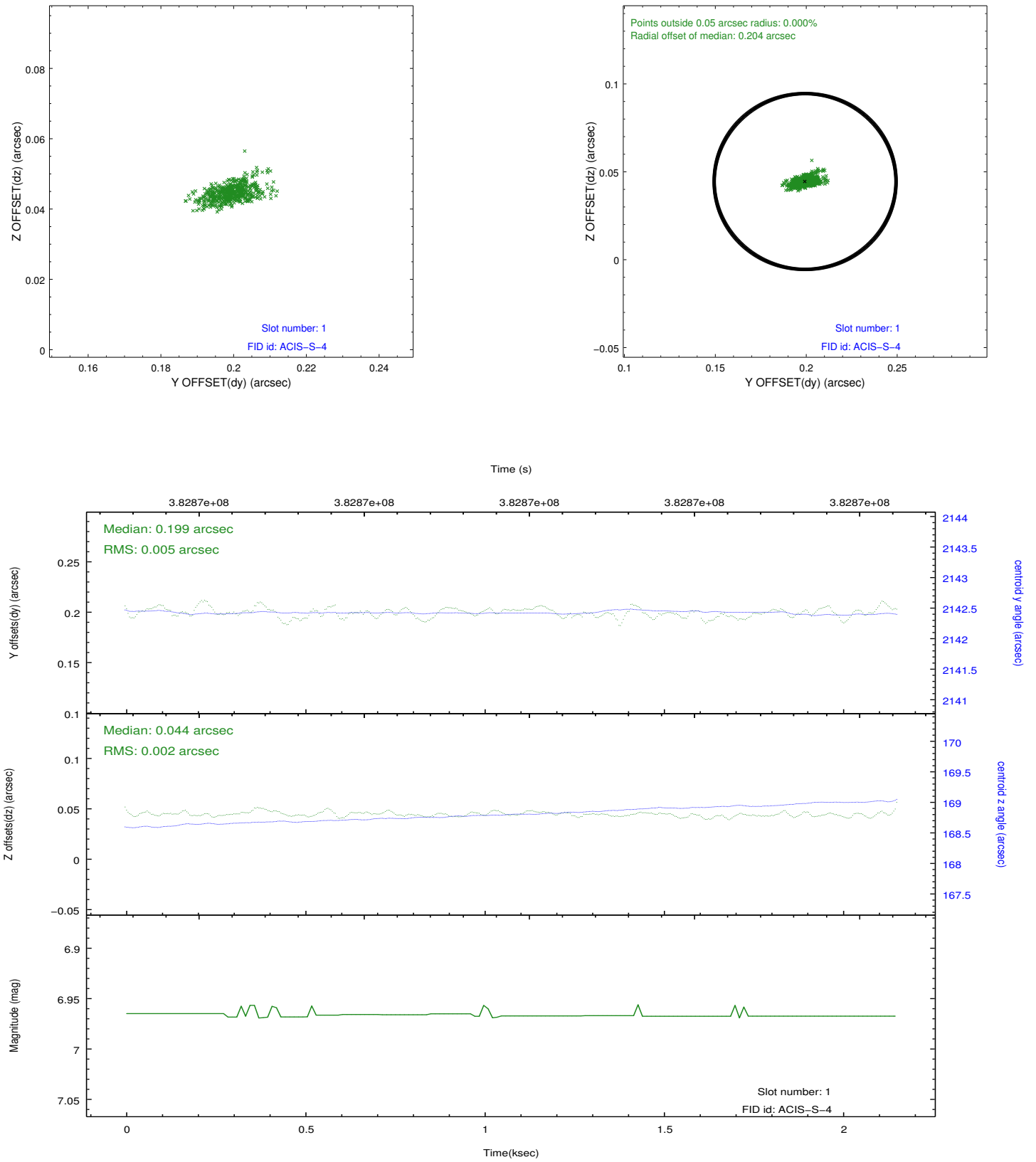


2.5 FID Slots

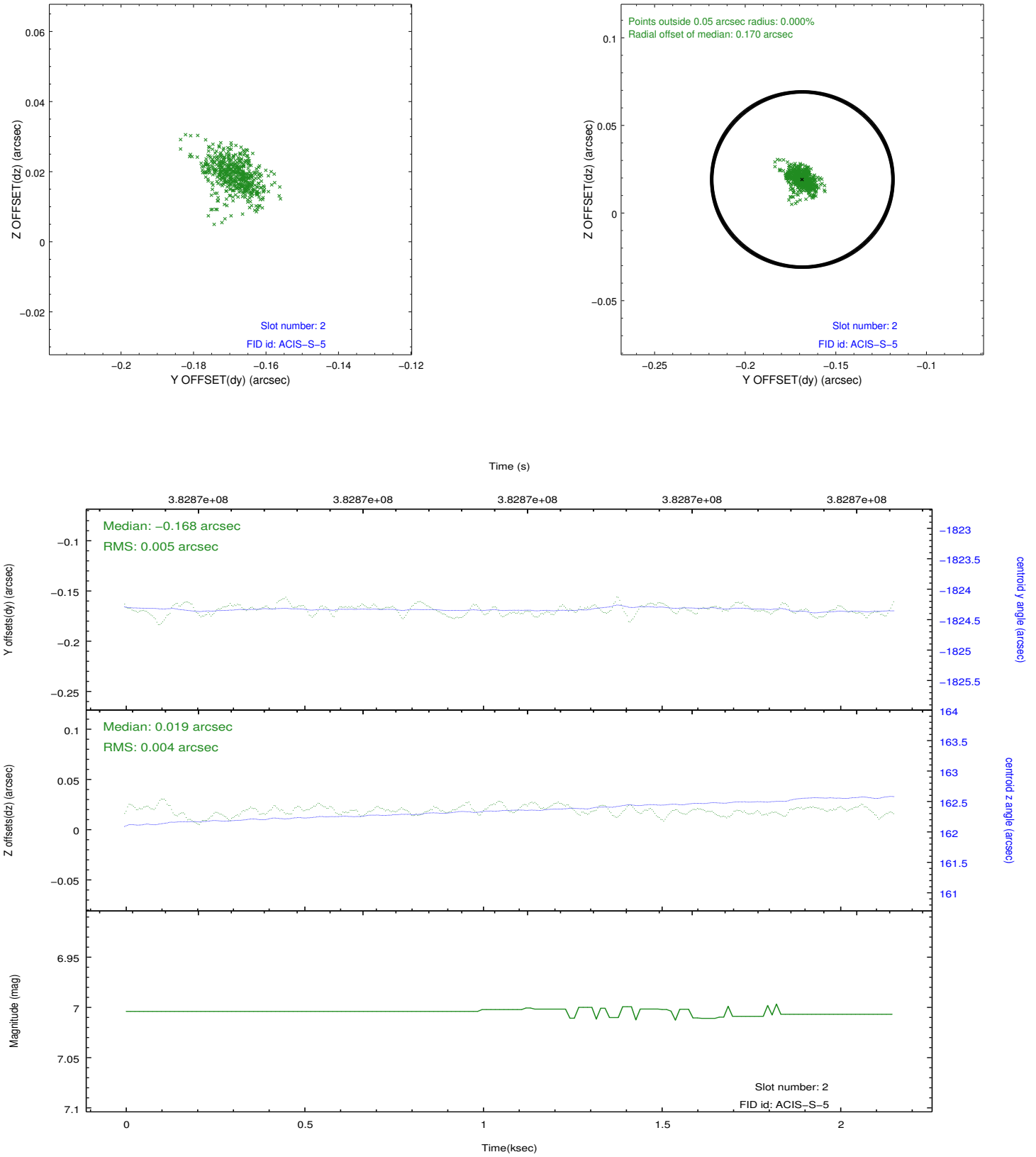
2.5.1 Slot 0



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)	2012.06.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1515998717546

A.2 Comments