

V&V Reference Report

L2 ASCDS Version : 10.5.1.1

Observation 19884 - L2 Version 1
Chandra X-Ray Center

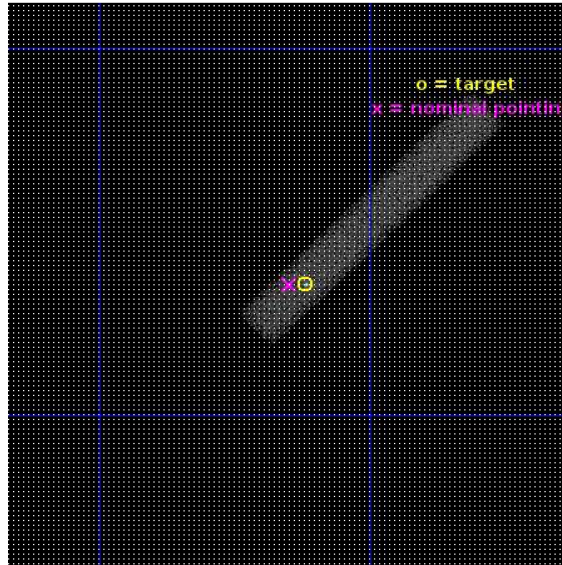
L2 Processing Date : Sep 26 2016

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1 Front

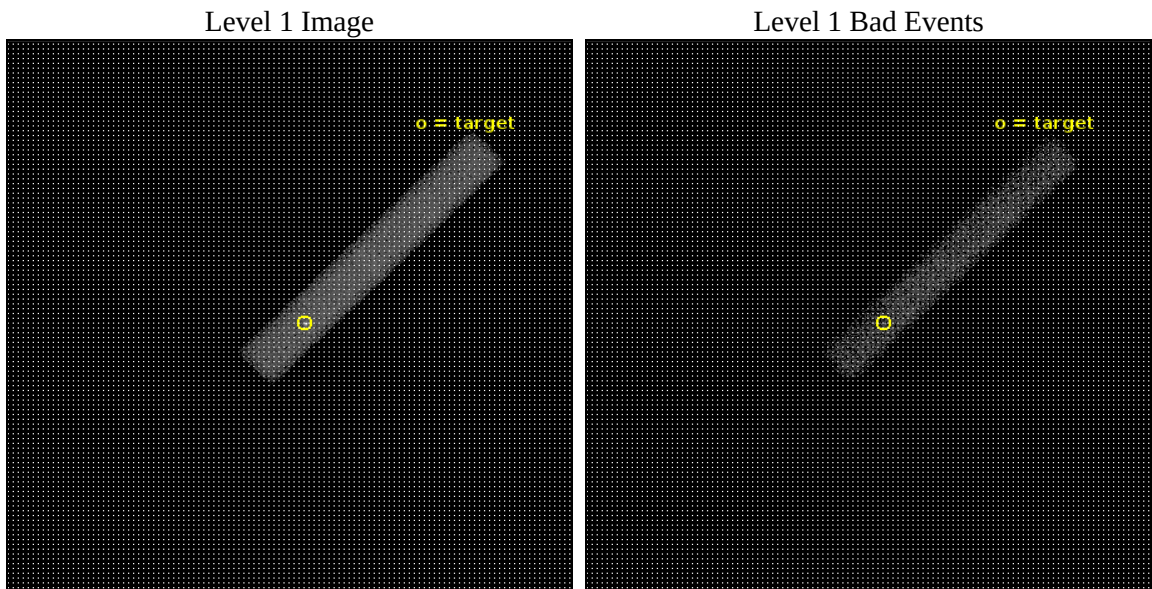
seq_num	703324	Sequence number
obs_id	19884	Observation id
title	The impact of the starburst and AGN activity in the LIRG: MCG -03-58-007	Proposal title
observer	Valentina Braitto	Principal investigator
object	MCG-03-58-007	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	342.405	Observer's specified target RA [deg]
dec_targ	-19.274	Observer's specified target Dec [deg]
ra_nom	342.41223673022	Nominal RA [deg]
dec_nom	-19.274070976491	Nominal Dec [deg]
roll_nom	315.15902438042	Nominal Roll [deg]
revision	1	Processing version of data
ontime	43869.050433159	Sum of GTIs [s]
livetime	39786.91314453	Livetime [s]
ontime7	43869.050433159	Sum of GTIs [s]
l2events	28269	Number of level 2 events



2 OBI

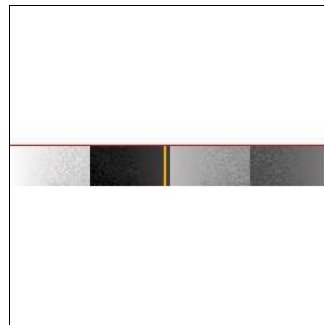
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	43800.000000	[s] Scheduled observation exposure time
ascdsver	10.5.1.1	Processing system revision	ontime	43869.050433159	Sum of GTIs [s]
caldsver	4.7.2	 	ontime7	43869.050433159	Sum of GTIs [s]
date	2016-09-26T04:09:01	Date and time of file creation	l1events	54989	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

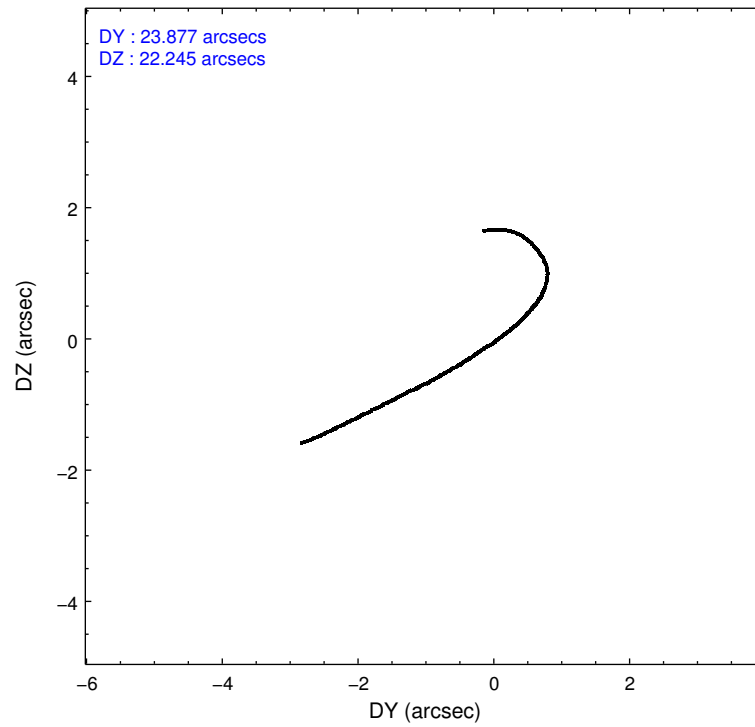
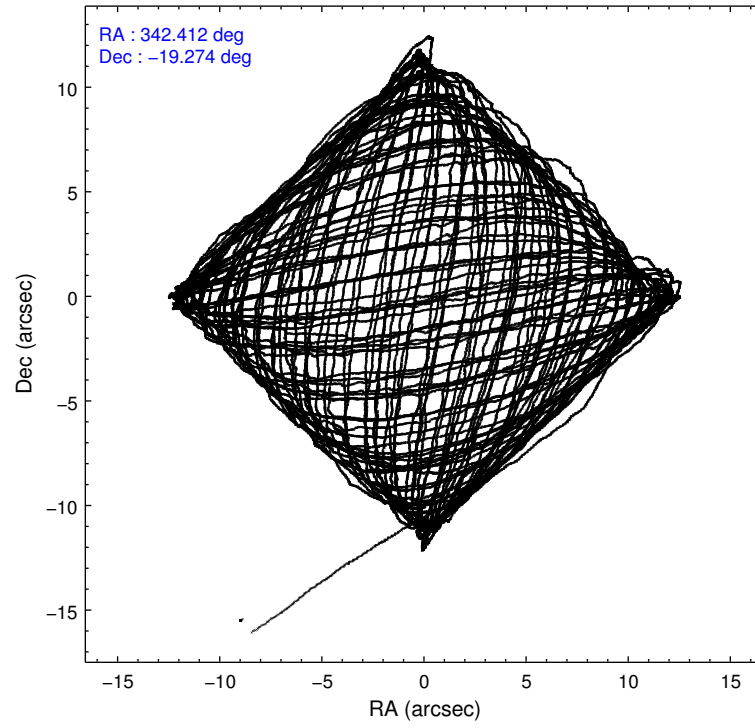
	ccd 7
level 1 events	54989
rejected events	25663
rejected %	46%

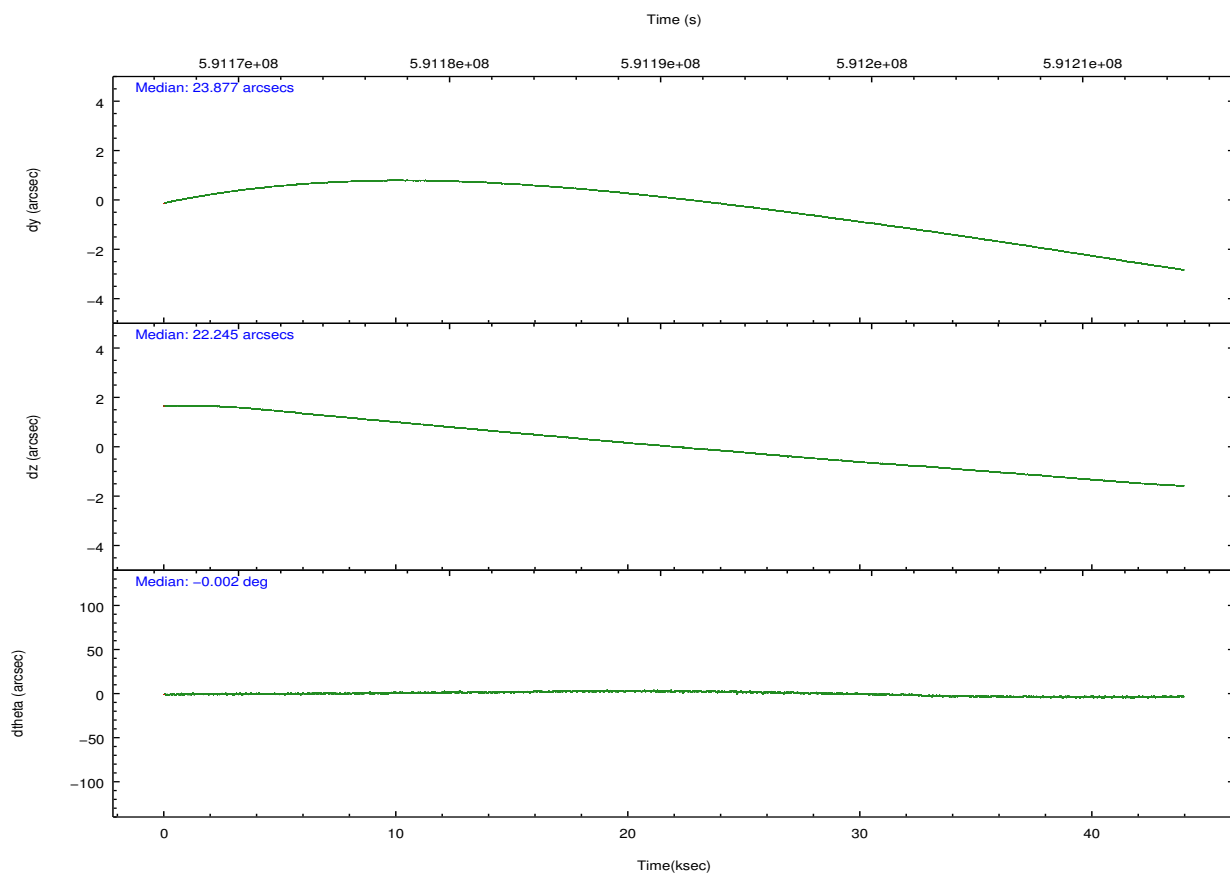
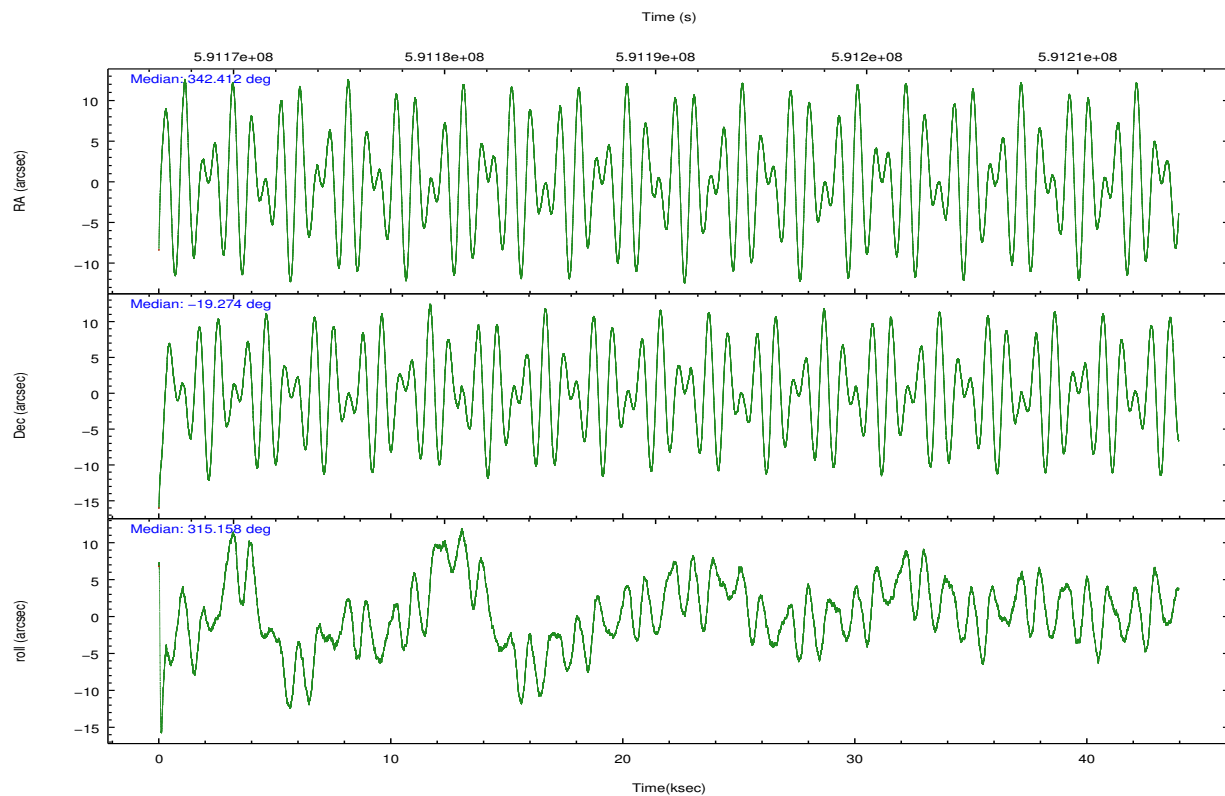
	ccd 7
grade 0 events	3543
	6%
grade 1 events	88
	0%
grade 2 events	5960
	10%
grade 3 events	3706
	6%
grade 4 events	3561
	6%
grade 5 events	5385
	9%
grade 6 events	12557
	22%
grade 7 events	20189
	36%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	342.384044	342.4122367302219	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-19.267396	-19.27407097649105	Subarray start row	449	449
[deg] Pointing Roll	314.993089	315.1590243804186	Subarray row count	128	128
[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	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	591168799.184000	591167741.7507401			
Observation start date	2016-09-25T05:32:11	2016-09-25T05:15:41			
[s] Observation end time (MET)	591212599.184000	591213911.85339			
Observation end date	2016-09-25T17:42:11	2016-09-25T18:05:11			
Read mode	TIMED	TIMED			

2.3 Aspect



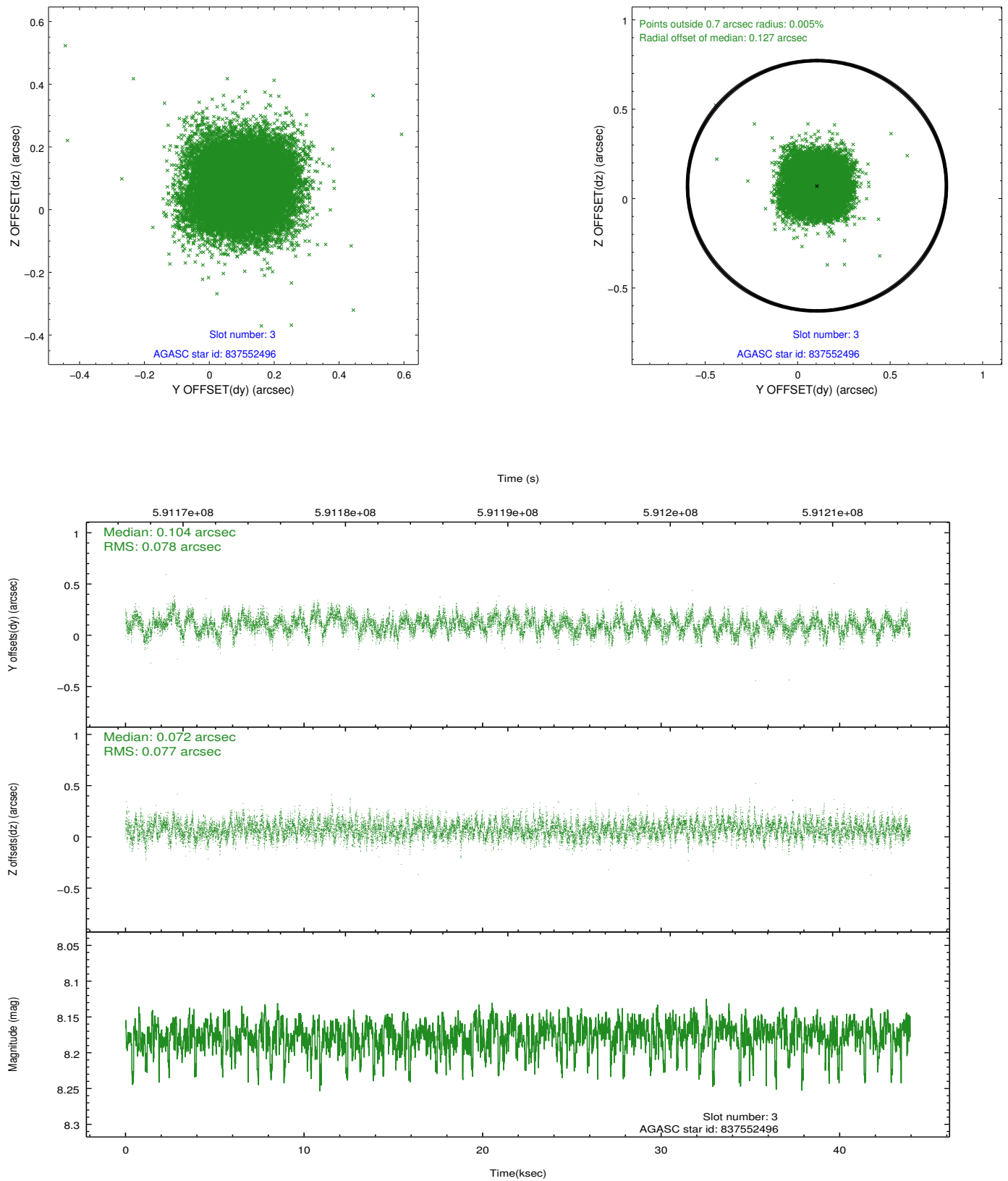


Slot Statistics

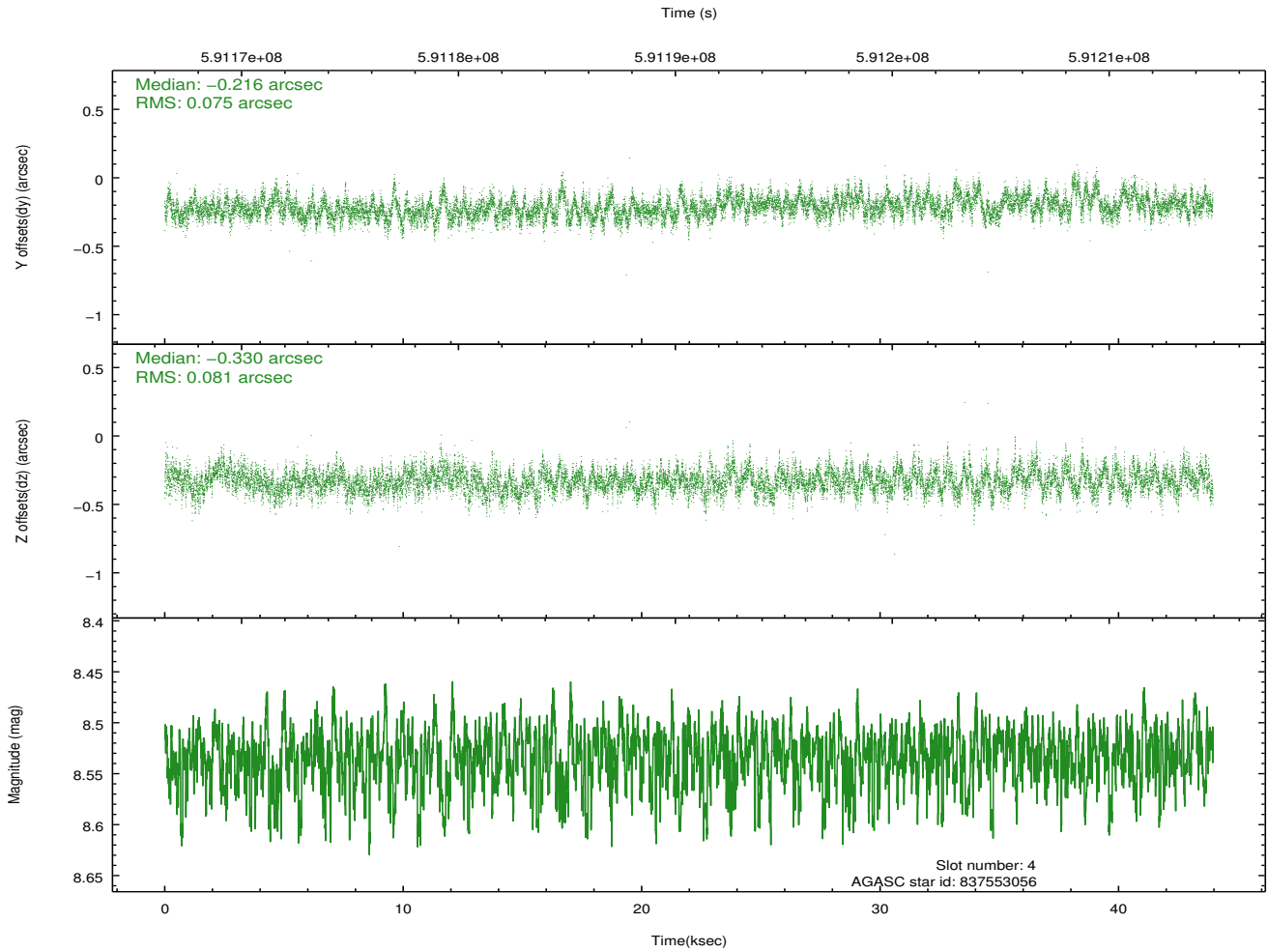
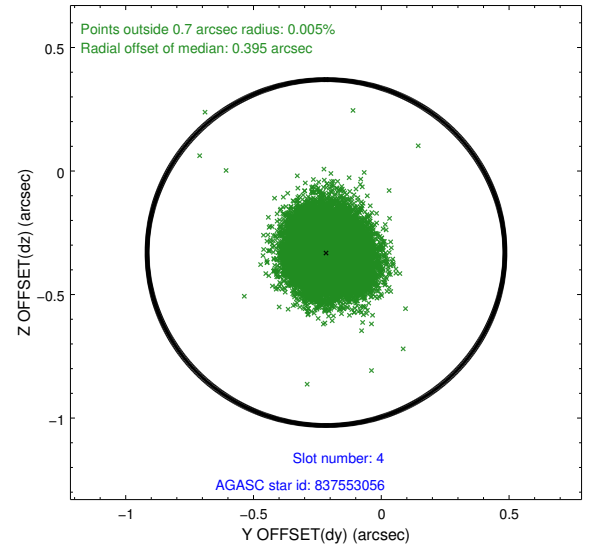
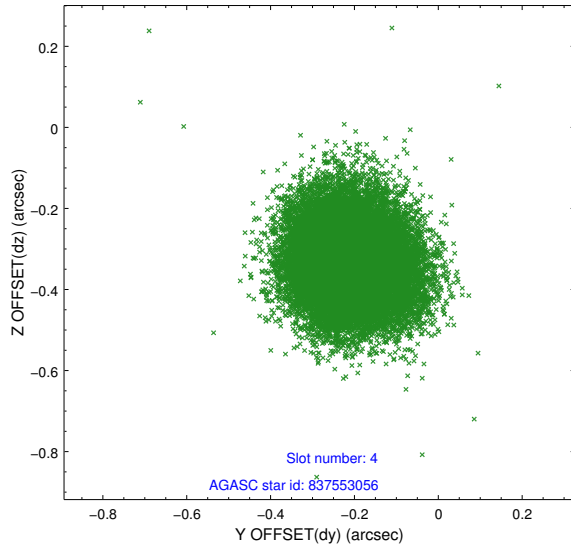
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	6.99	10719	-0.370	-0.254	0.024	0.047	0.000000	0.000000	-777.11	-1744.03
1	FID		ACIS-S-4	7.08	10720	0.390	0.212	0.027	0.048	0.000000	0.000000	2136.99	164.79
2	FID		ACIS-S-6	7.25	10718	-0.052	0.060	0.019	0.033	0.000000	0.000000	385.28	802.10
3	GUIDE	used	837552496	8.17	21431	0.104	0.072	0.117	0.187	342.080951	-19.701467	380.84	-1833.87
4	GUIDE	used	837553056	8.53	21430	-0.216	-0.330	0.116	0.190	342.945450	-19.470260	1866.27	828.34
5	GUIDE	used	837556264	8.67	21418	0.454	0.289	0.126	0.208	342.734109	-18.738475	-501.06	2190.13
6	GUIDE	used	837556808	8.46	21422	0.138	0.189	0.120	0.189	341.888952	-19.162805	-1453.69	-924.45
7	GUIDE	used	837559576	8.70	21422	-0.480	-0.220	0.143	0.242	342.342242	-18.401123	-2306.41	2104.04

2.4 Star Slots

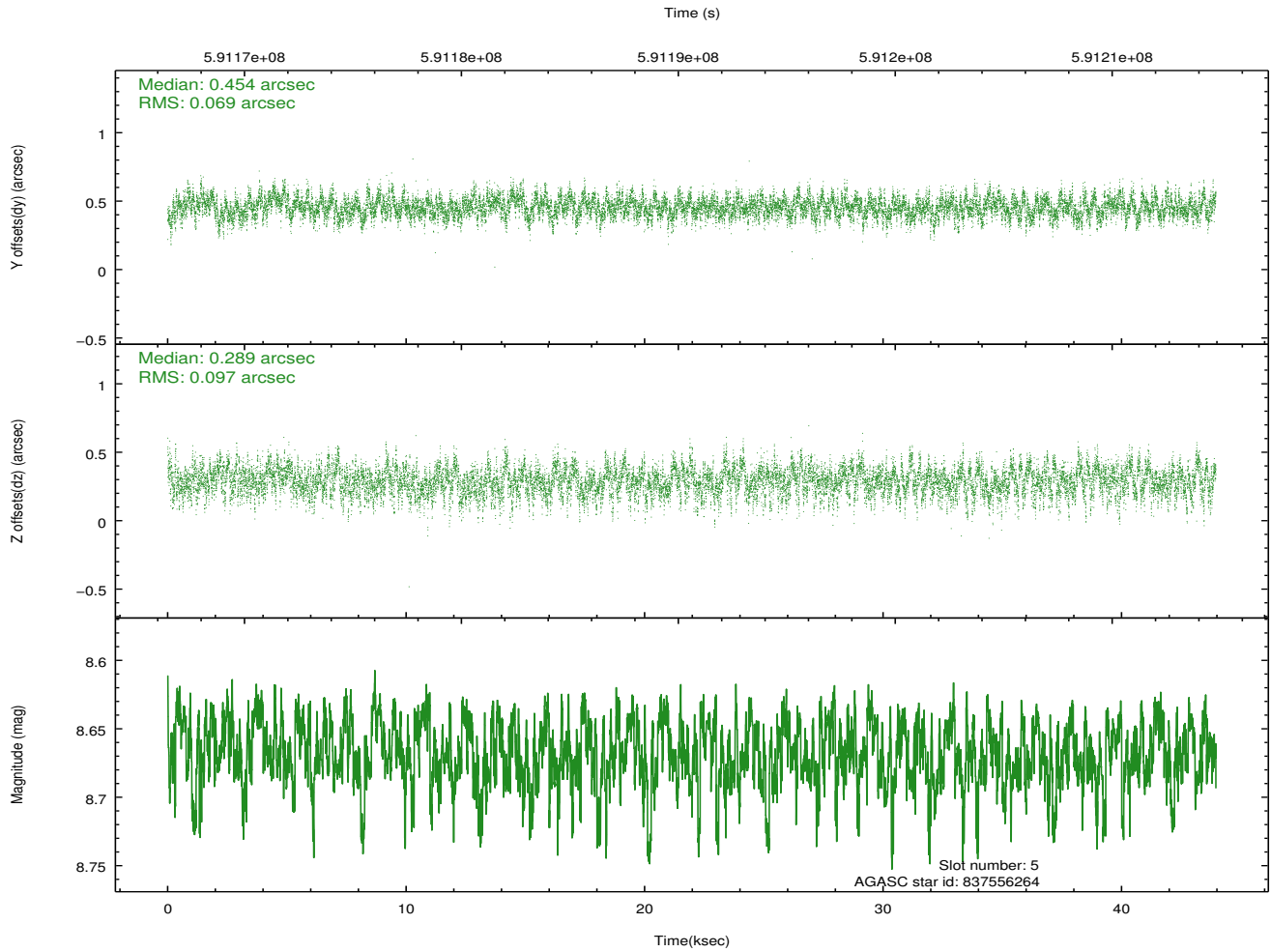
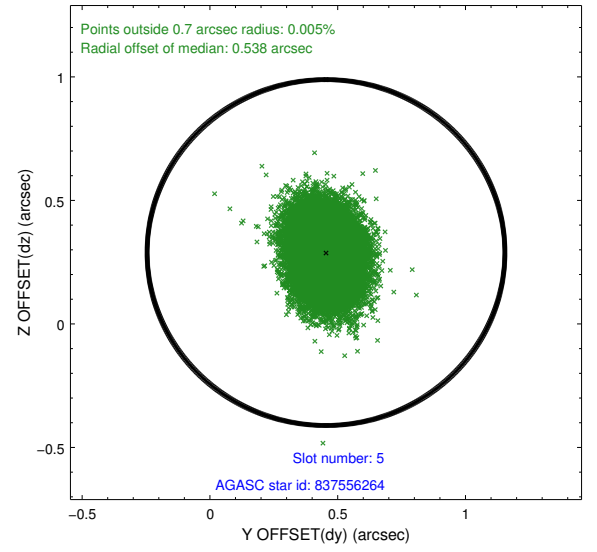
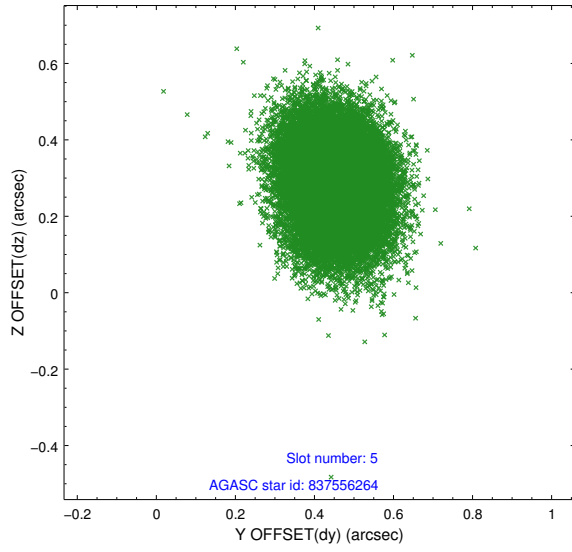
2.4.1 Slot 3



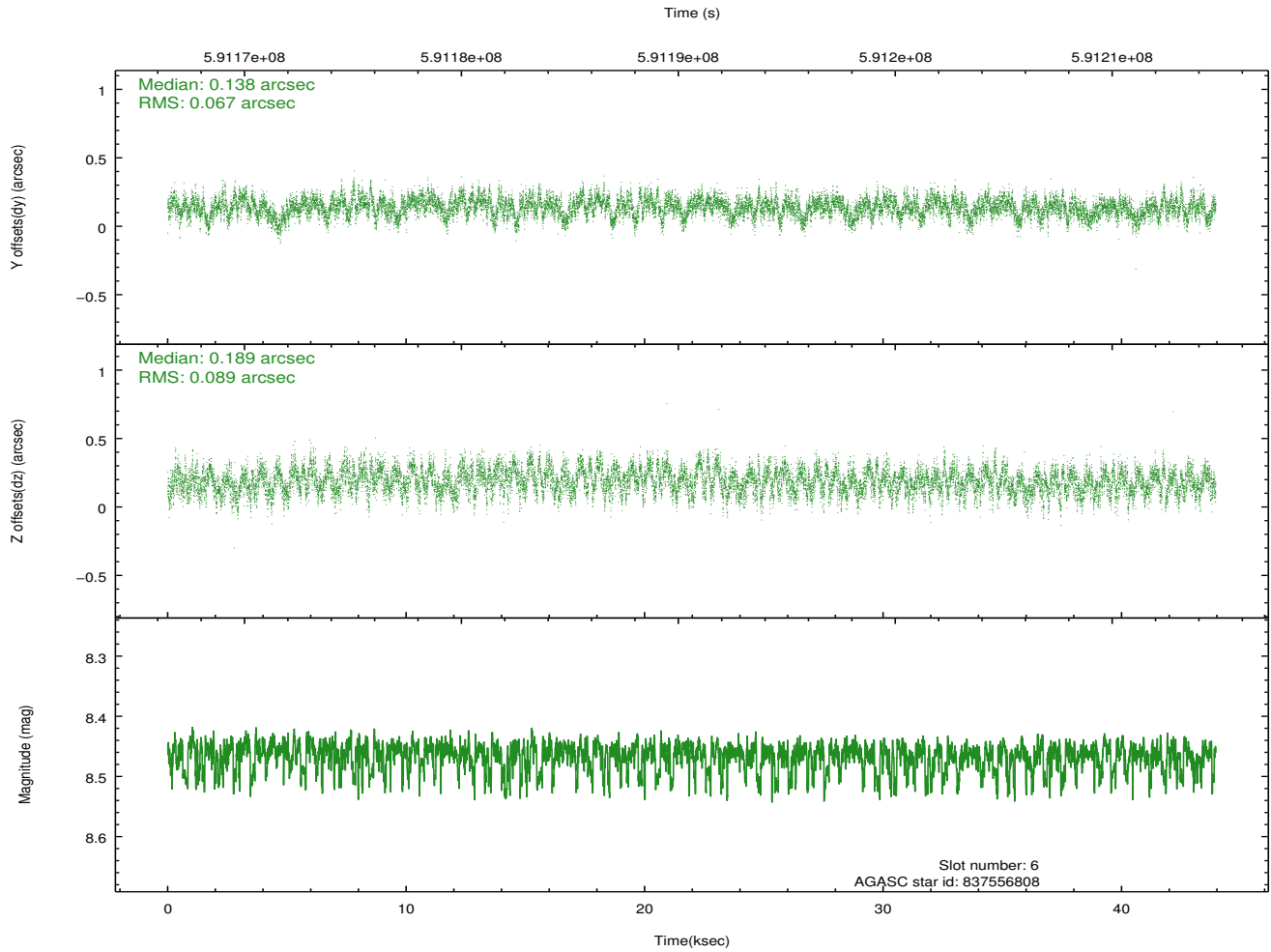
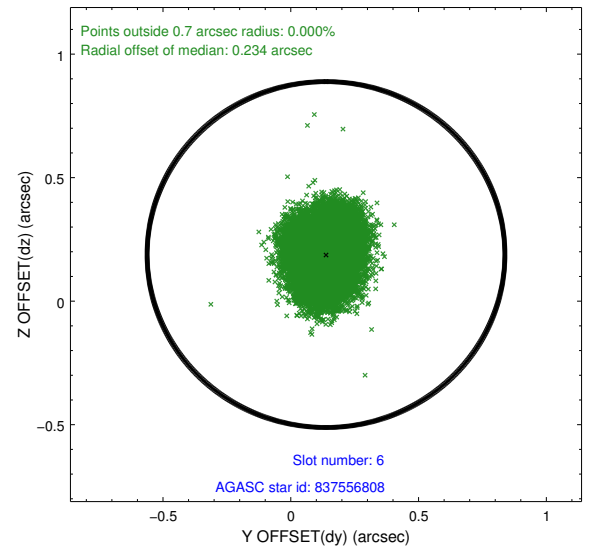
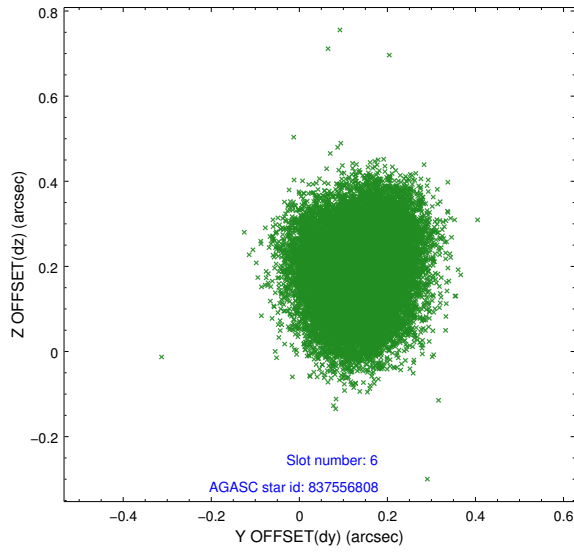
2.4.2 Slot 4



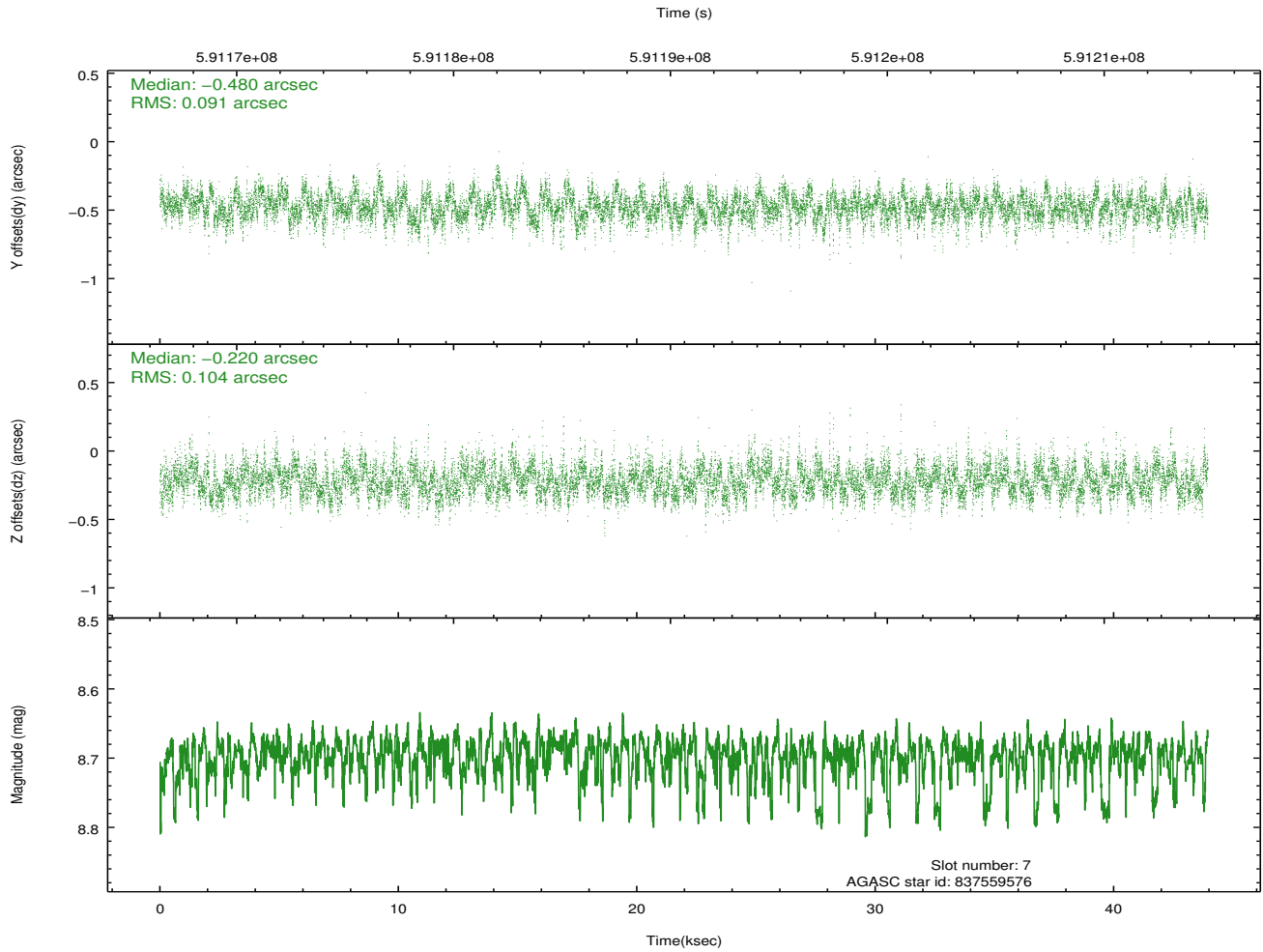
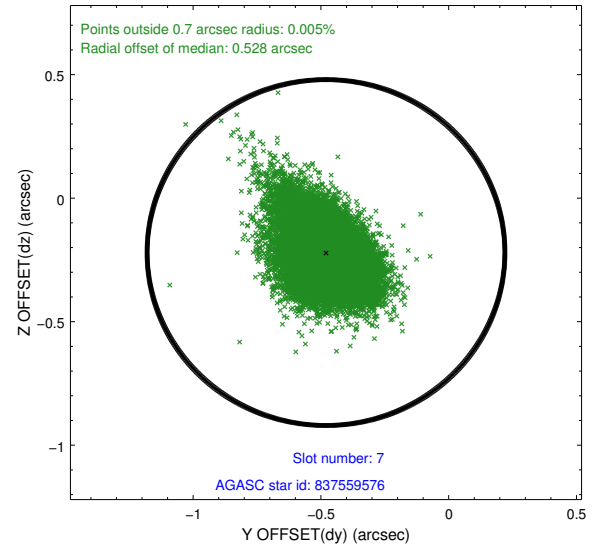
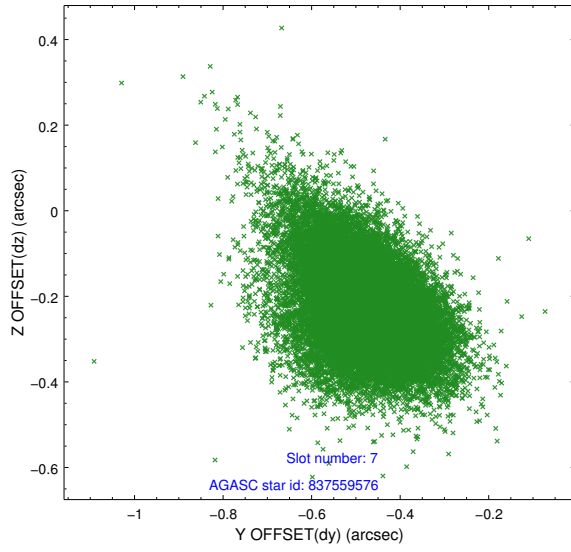
2.4.3 Slot 5



2.4.4 Slot 6

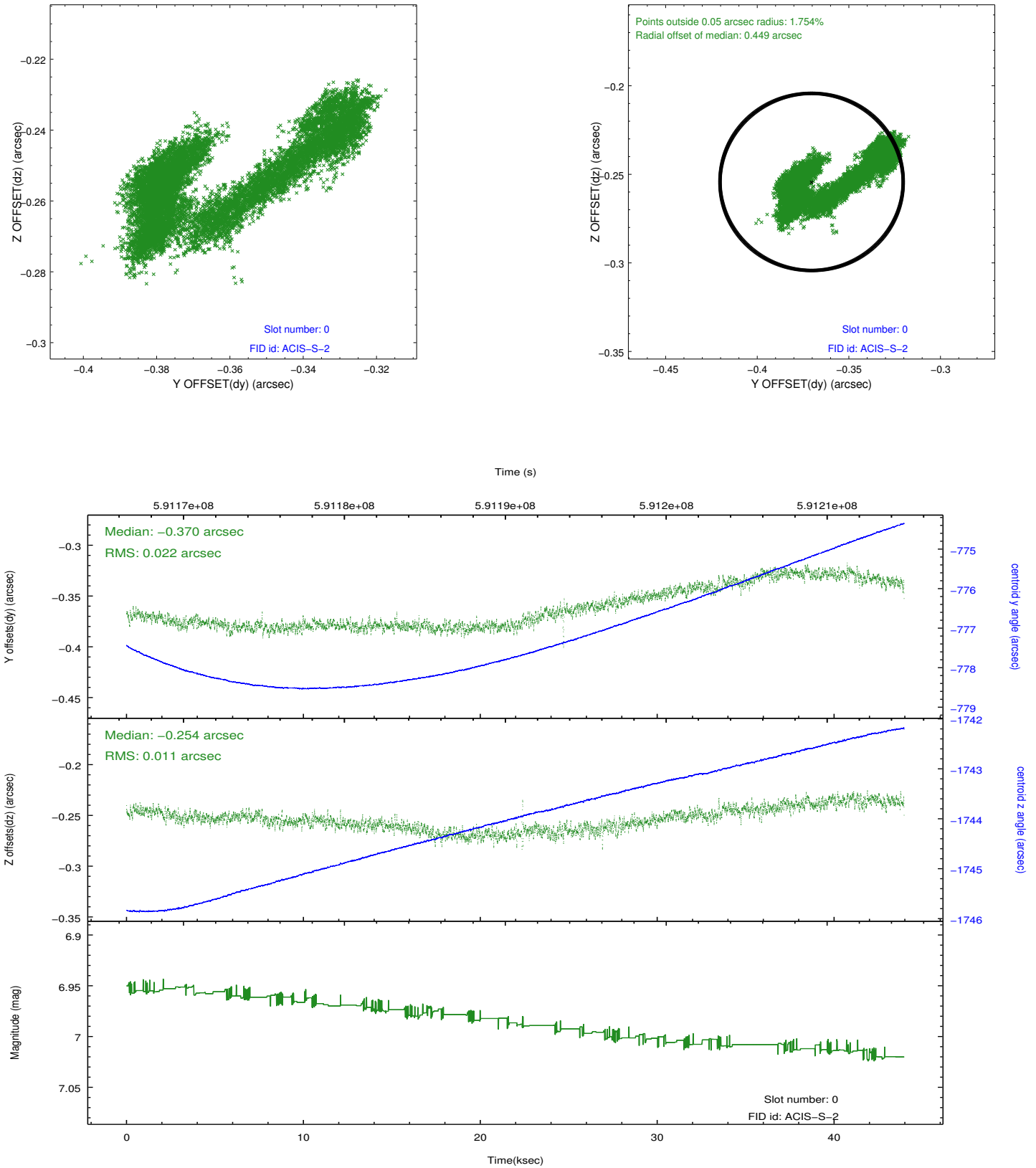


2.4.5 Slot 7

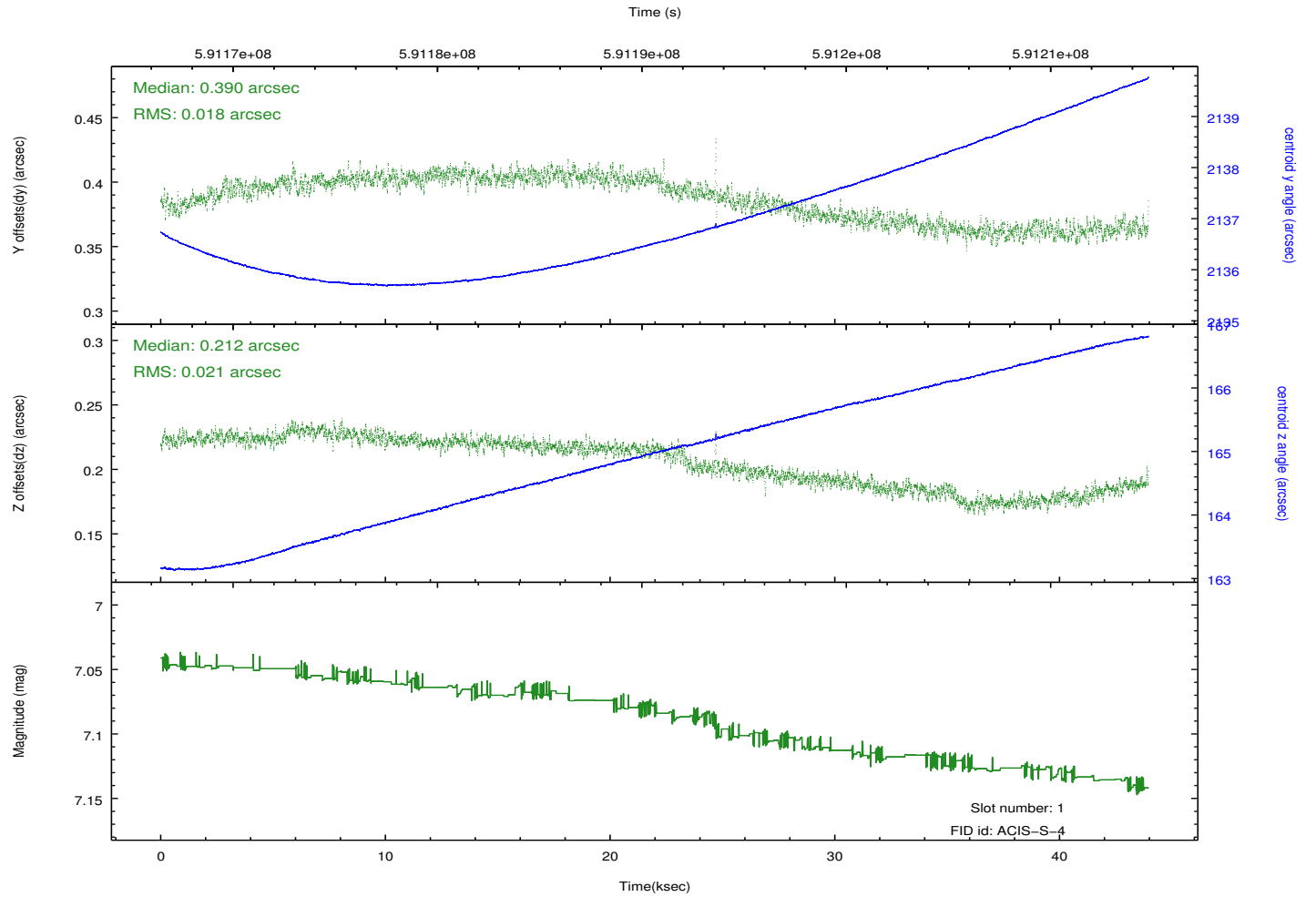
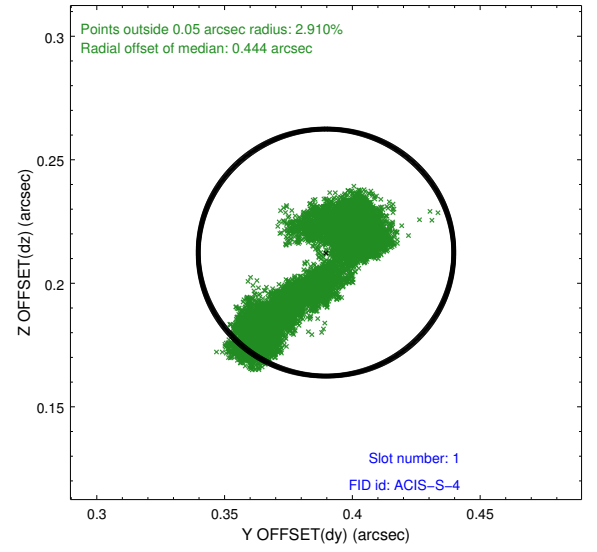
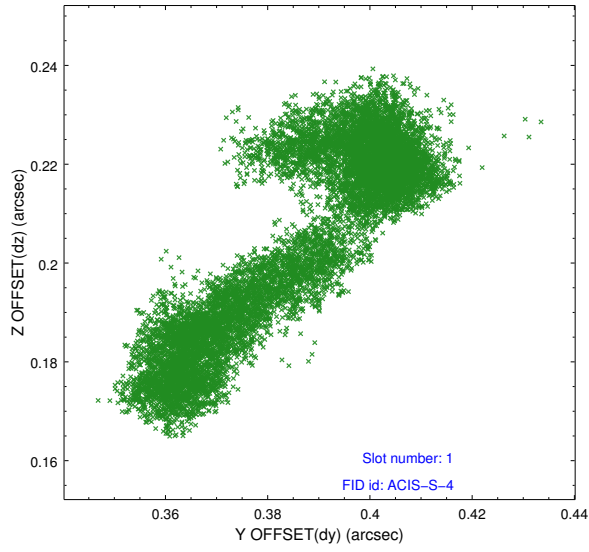


2.5 FID Slots

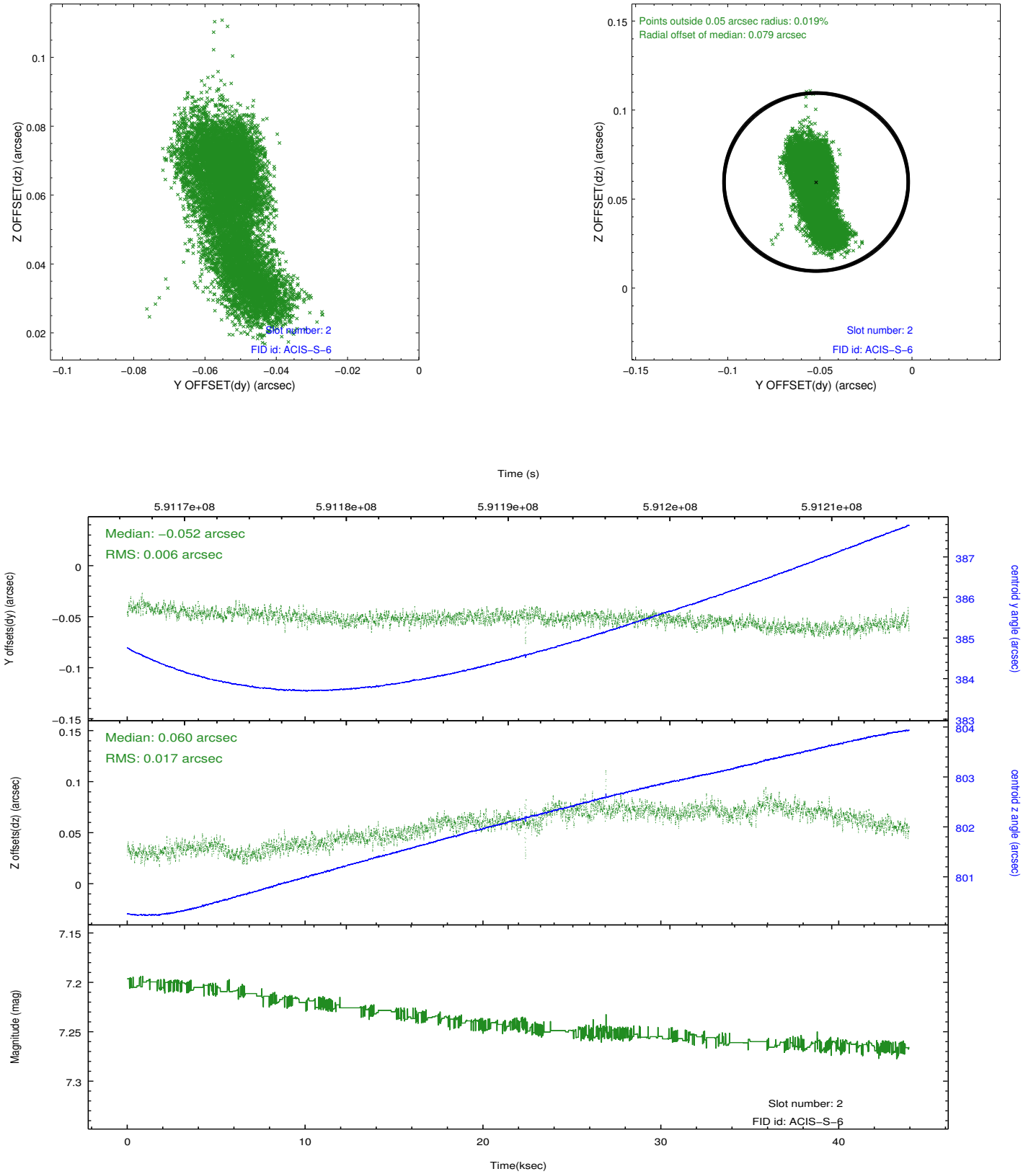
2.5.1 Slot 0



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)	2016.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	43.869050433159

A.2 Comments