

V&V Reference Report

L2 ASCDS Version : 10.7.1

Observation 21426 - L2 Version 1
Chandra X-Ray Center

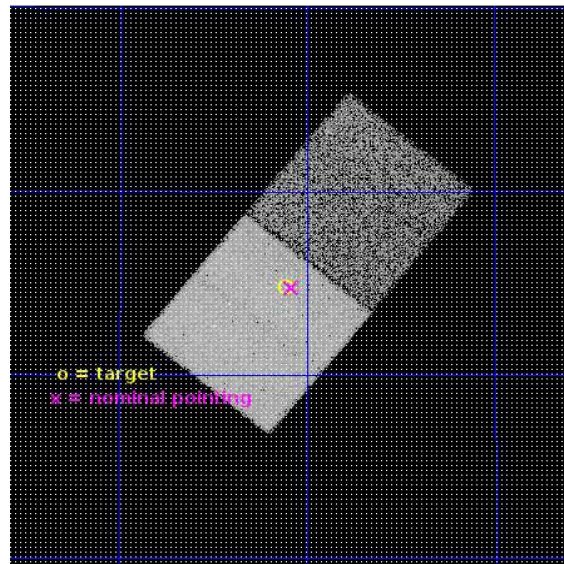
L2 Processing Date : Jan 12 2019

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1 Front

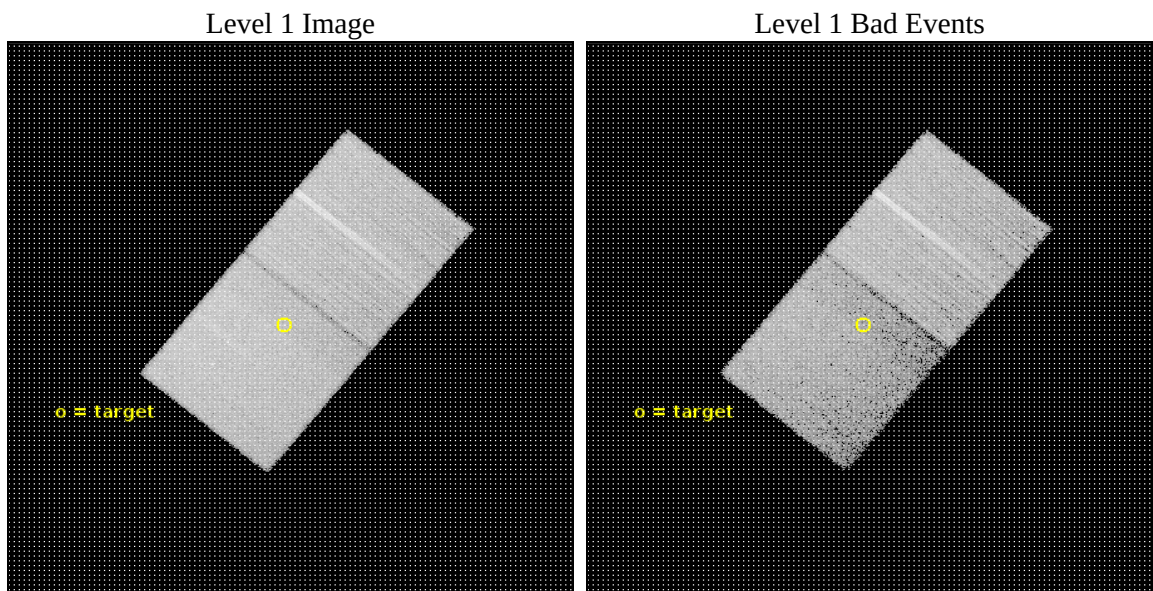
seq_num	703723	Sequence number
obs_id	21426	Observation id
title	The Nature of MaNGA Galaxies with Off-nuclear Seyfert Regions	Prop
observer	Julia Comerford	Principal investigator
object	SDSS J093106.75+490447.1	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	142.778333	Observer's specified target RA [deg]
dec_targ	49.07975	Observer's specified target Dec [deg]
ra_nom	142.77126661002	Nominal RA [deg]
dec_nom	49.079343345415	Nominal Dec [deg]
roll_nom	129.06427672722	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30105.0	Sum of GTIs [s]
livetime	29698.721490017	Livetime [s]
ontime6	30101.958919525	Sum of GTIs [s]
ontime7	30105.0	Sum of GTIs [s]
l2events	122683	Number of level 2 events



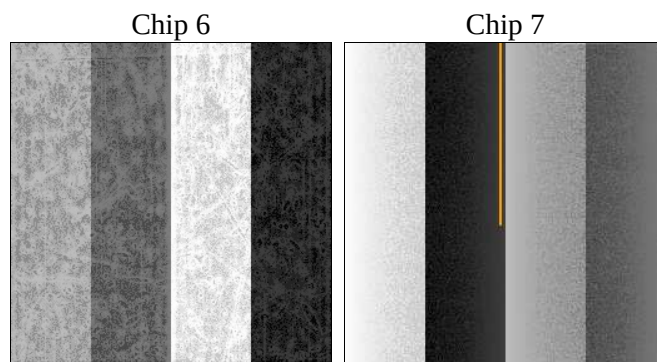
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	30000.000000	[s] Scheduled observation exposure time
ascdsver	10.7.1	Processing system revision	ontime	30105.0	Sum of GTIs [s]
caldsver	4.8.2	 	ontime6	30101.958919525	Sum of GTIs [s]
date	2019-01-12T23:11:40	Date and time of file creation	ontime7	30105.0	Sum of GTIs [s]
revision	1	Processing version of data	l1events	446602	Number of level 1 events

2.1.4 Events

	ccd 6	ccd 7
level 1 events	220241	226361
rejected events	197295	120436
rejected %	89%	53%

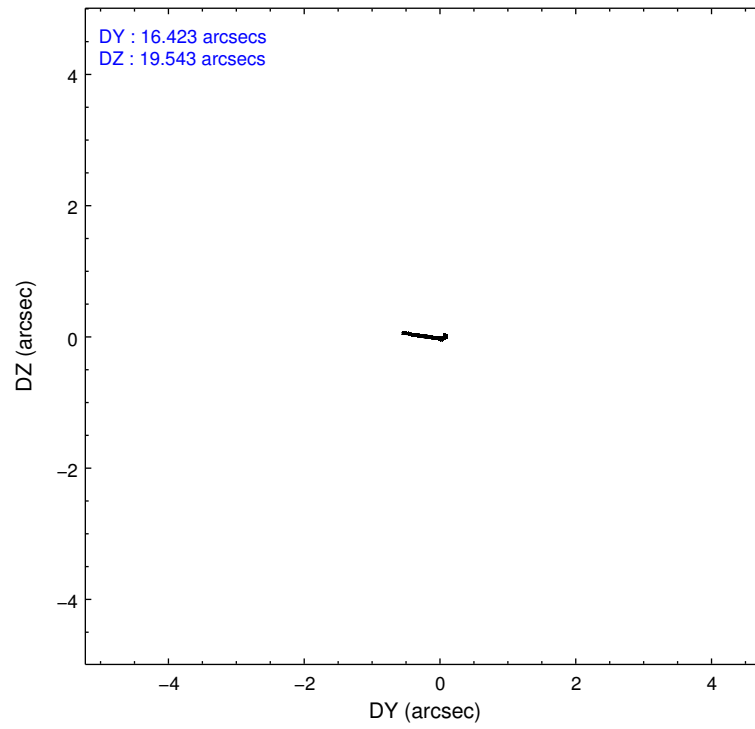
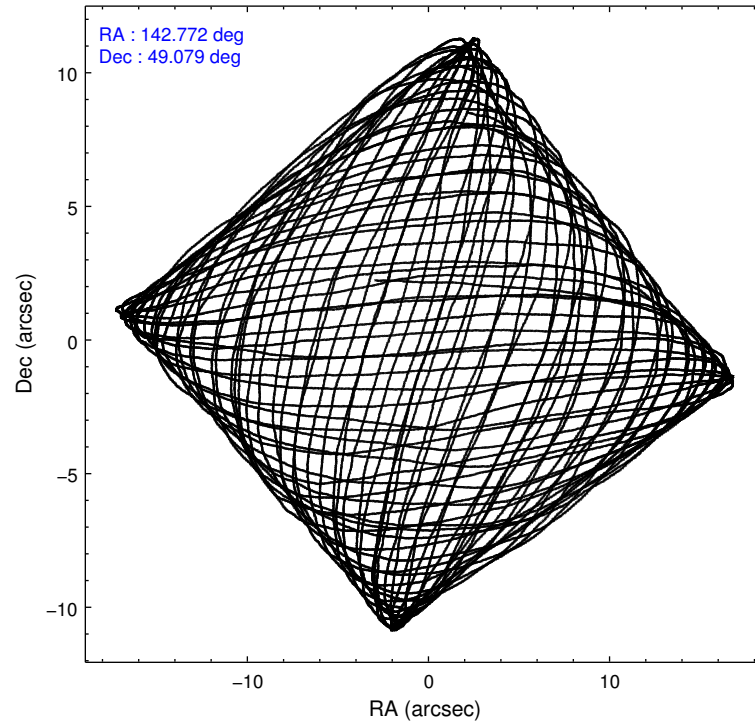
	ccd 6	ccd 7
grade 0 events	6881	9717
	3%	4%
grade 1 events	90	432
	0%	0%
grade 2 events	6347	23254
	2%	10%
grade 3 events	2074	8540
	0%	3%
grade 4 events	1932	8480
	0%	3%
grade 5 events	7318	21999
	3%	9%
grade 6 events	5714	55938
	2%	24%
grade 7 events	189885	98001
	86%	43%

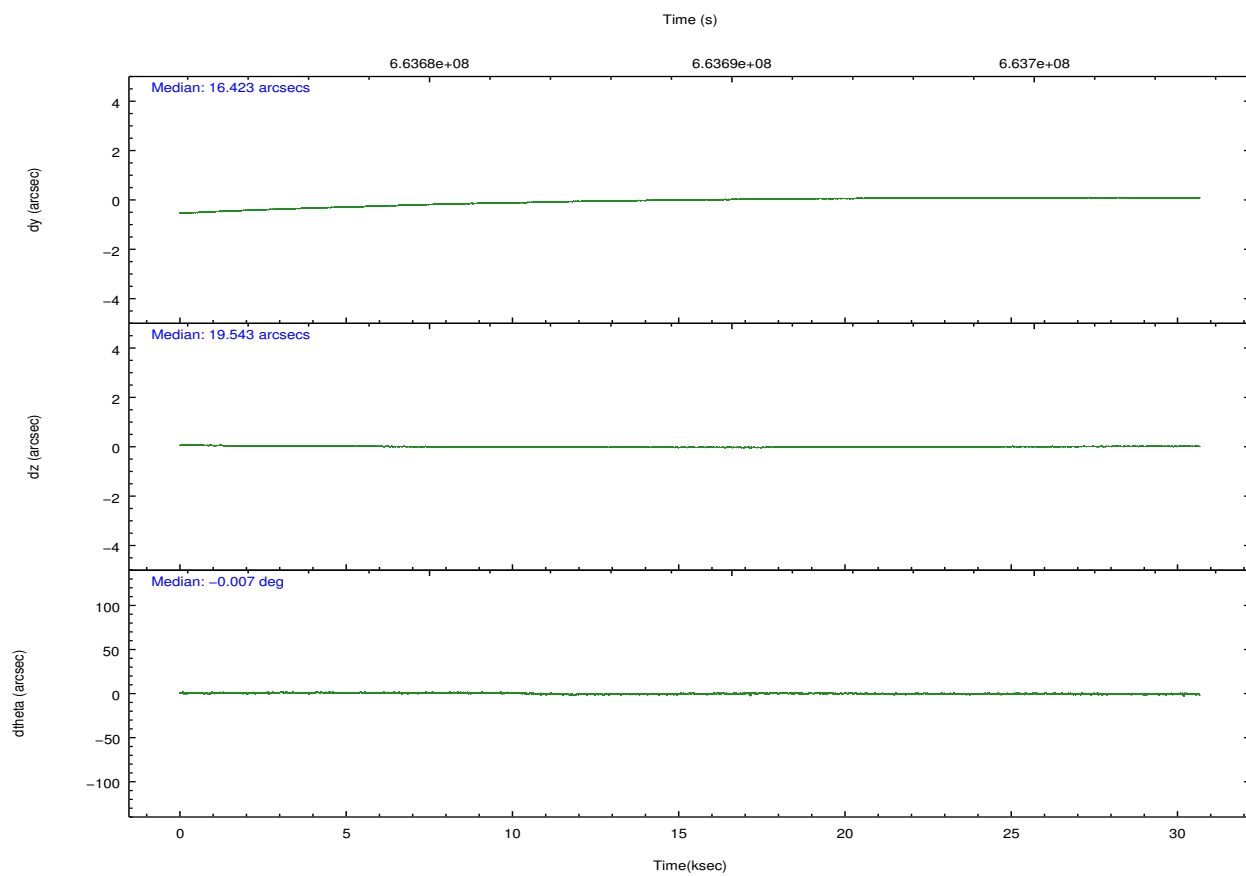
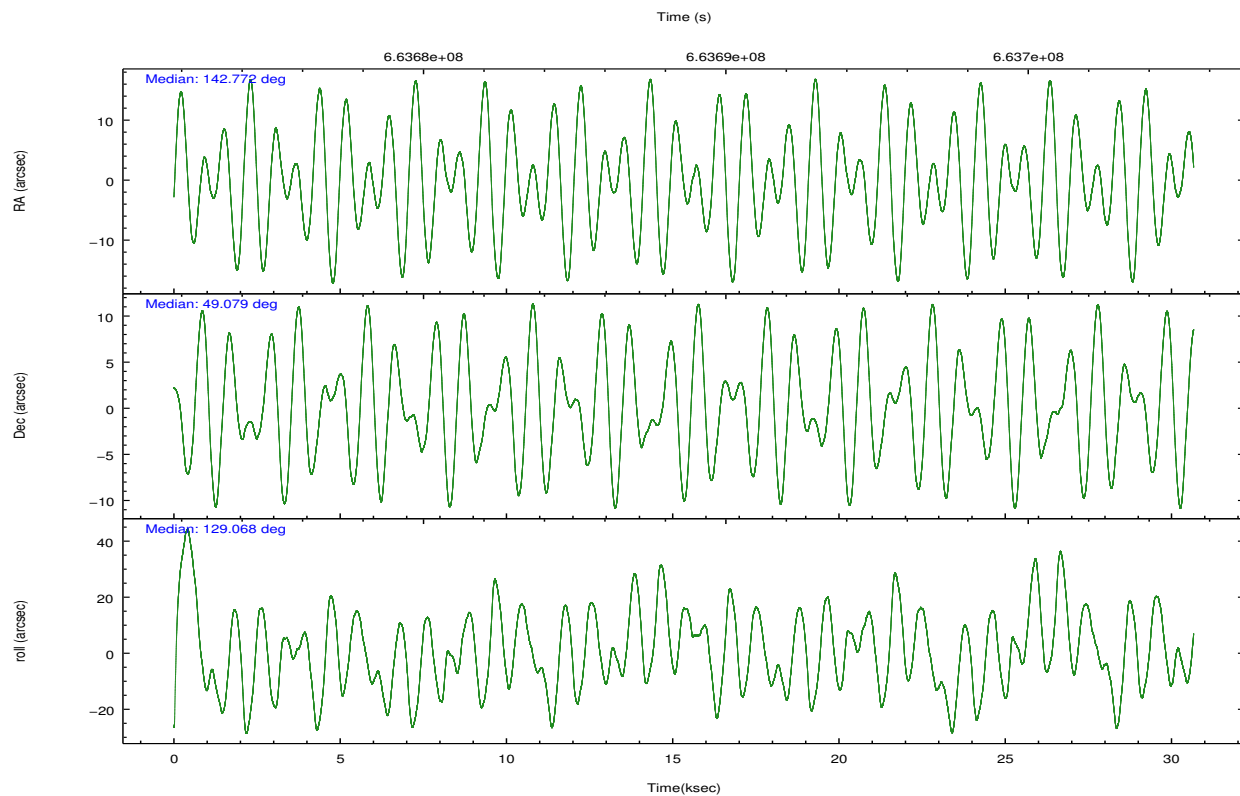
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-67	ACIS-67
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	POINTING	POINTING
[deg] Pointing RA	142.810555	142.7712666100169
[deg] Pointing Dec	49.069876	49.07934334541454
[deg] Pointing Roll	128.877969	129.0642767272232
[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)	663673953.184000	663672950.19595
Observation start date	2019-01-12T09:51:24	2019-01-12T09:35:50
[s] Observation end time (MET)	663703953.184000	663704294.6978199
Observation end date	2019-01-12T18:11:24	2019-01-12T18:18:14
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
CCD I0 on	N	N
CCD I1 on	N	N
CCD I2 on	O1	N
CCD I3 on	N	N
CCD S0 on	N	N
CCD S1 on	O2	N
CCD S2 on	O4	Y
CCD S3 on	Y	Y
CCD S4 on	O3	N
CCD S5 on	N	N
Number of optional ACIS chips dropped	3	3
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	0.000000	3

2.3 Aspect



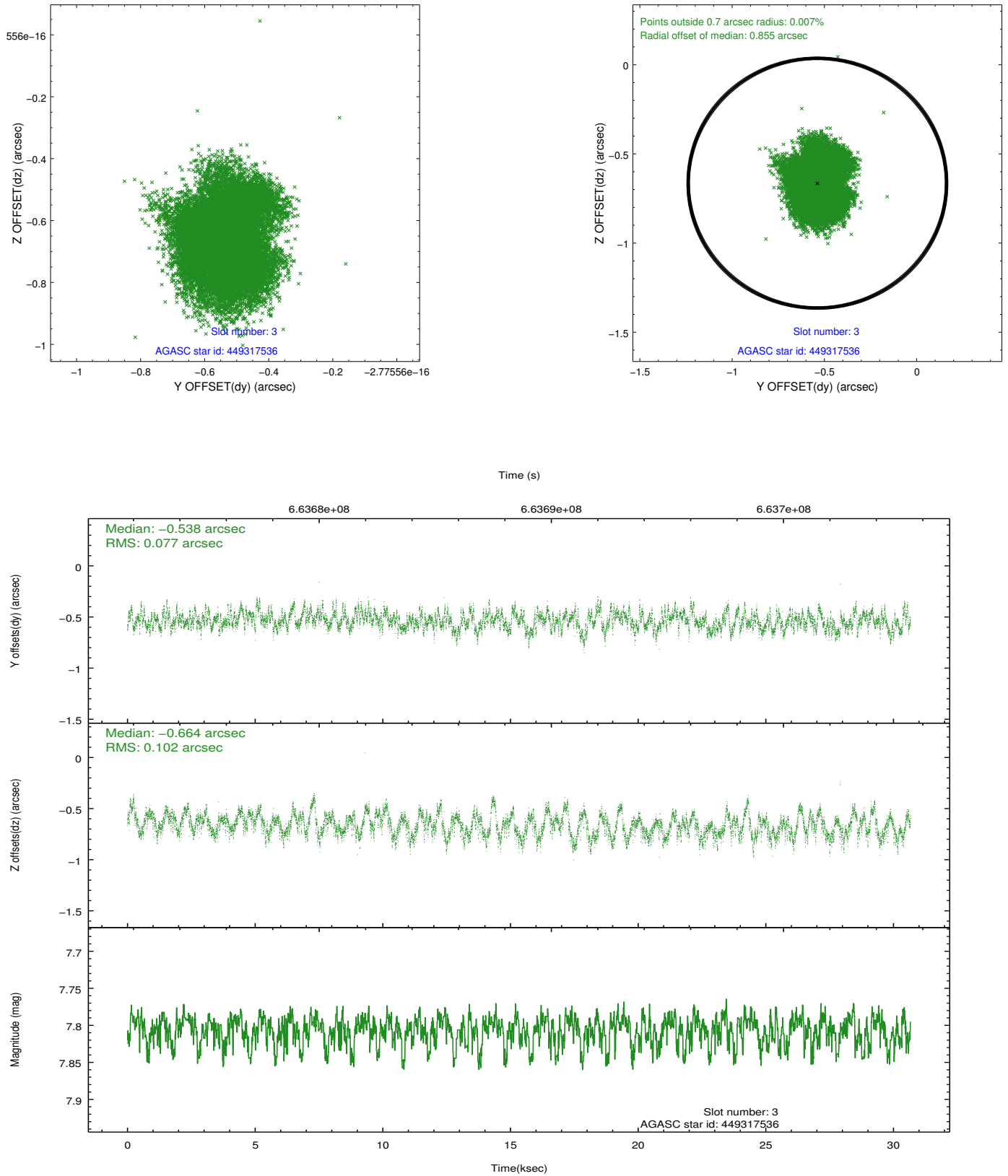


Slot Statistics

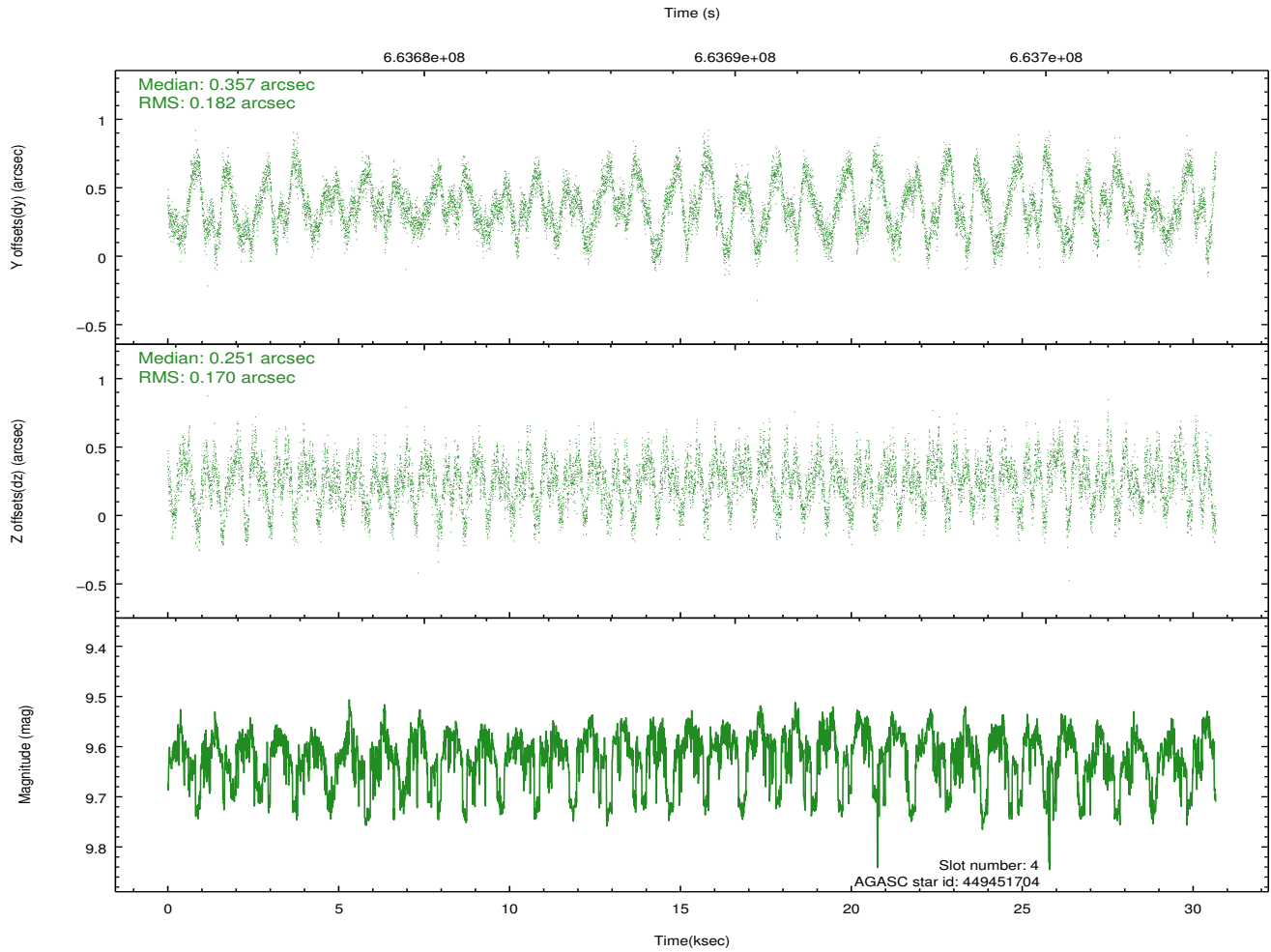
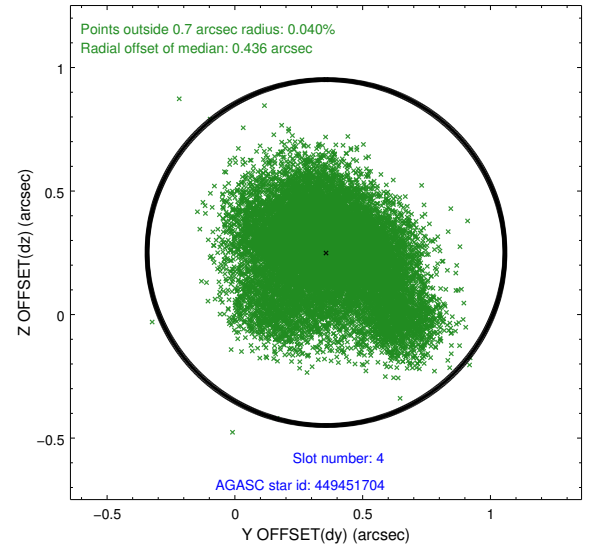
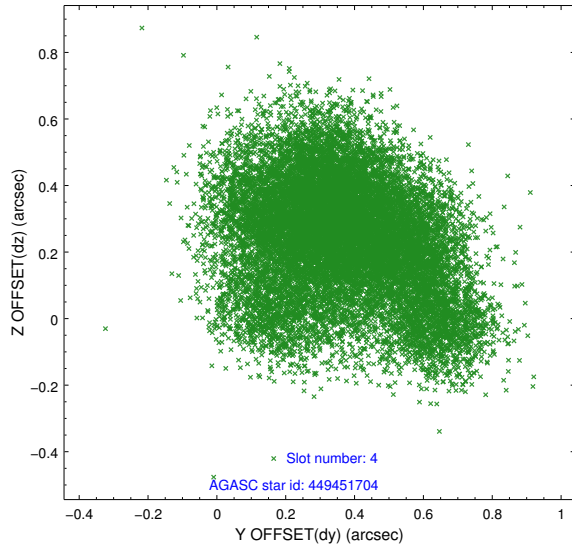
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	7.17	7480	1.000	-0.348	-0.247	0.012	0.020	0.000000	0.000000	-769.63	-1741
1	FID		ACIS-S-4	7.28	7479	1.000	0.846	0.234	0.016	0.025	0.000000	0.000000	2144.73	167
2	FID		ACIS-S-5	7.25	7479	1.000	-0.528	0.022	0.013	0.021	0.000000	0.000000	-1822.64	161
3	GUIDE	used	449317536	7.81	14953	1.000	-0.538	-0.664	0.138	0.216	142.079134	48.881473	565.00	1768
4	GUIDE	used	449451704	9.62	14940	1.000	0.357	0.251	0.271	0.427	143.293176	48.970014	-992.36	-663
5	GUIDE	used	449453952	7.44	14957	1.000	0.233	0.374	0.126	0.198	143.632500	48.754670	-2099.58	-811
6	OMITTED			0.00	0	0.000	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0
7	GUIDE	used	449459280	9.69	14928	1.000	-0.055	0.046	0.265	0.439	142.612767	49.715358	2097.48	-1099

2.4 Star Slots

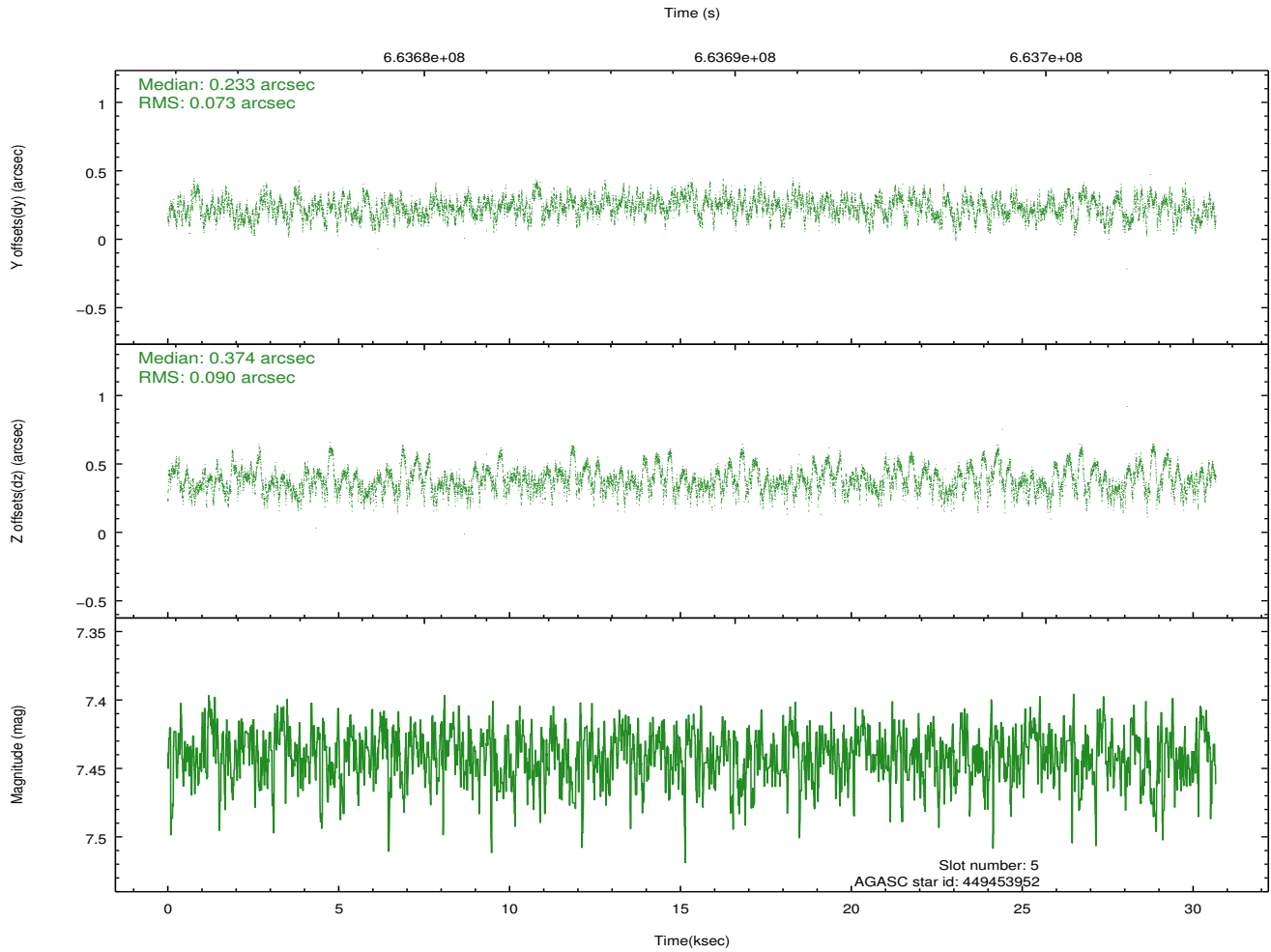
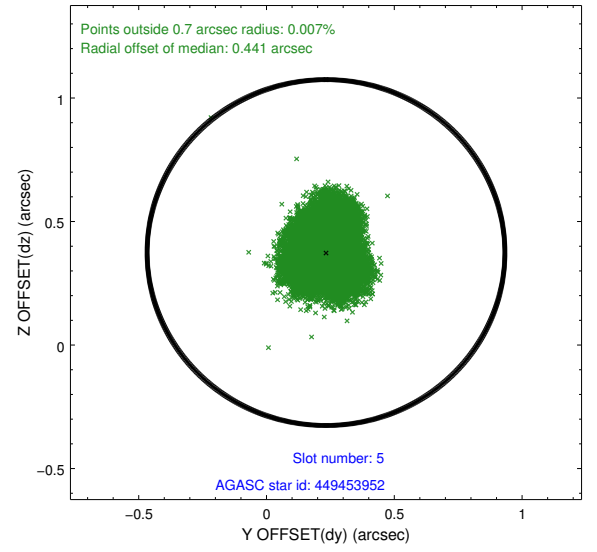
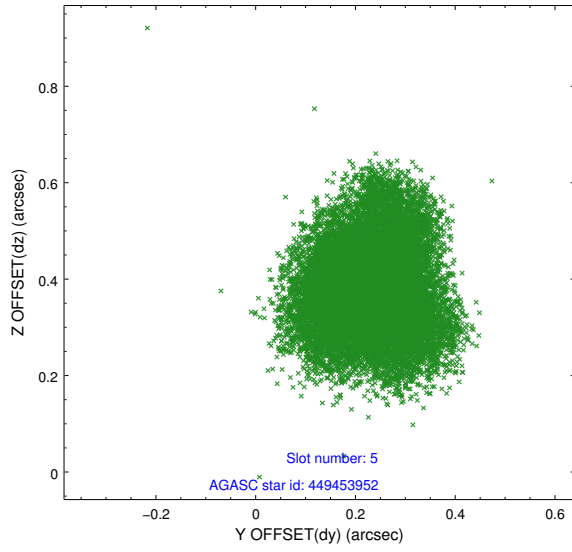
2.4.1 Slot 3



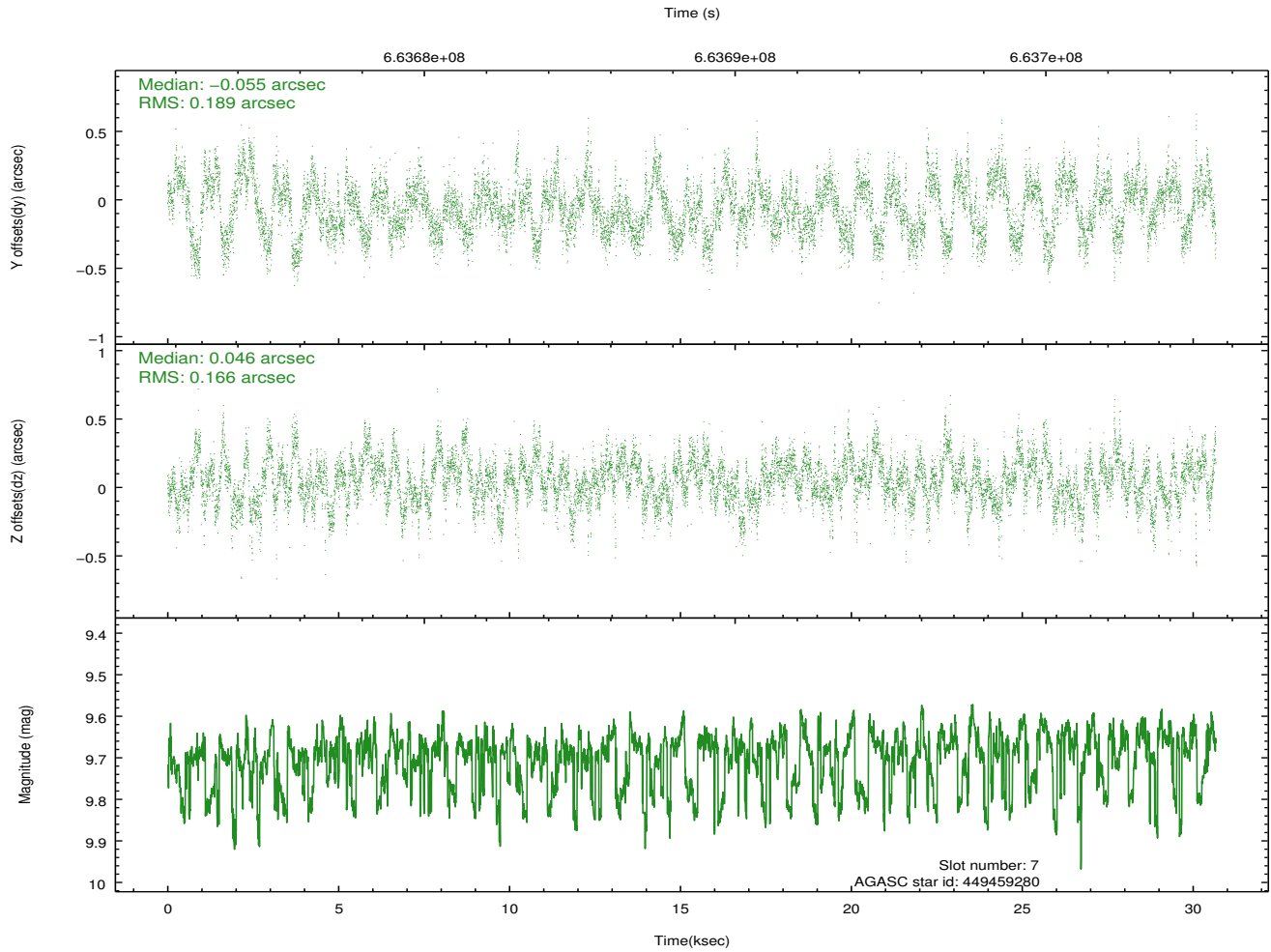
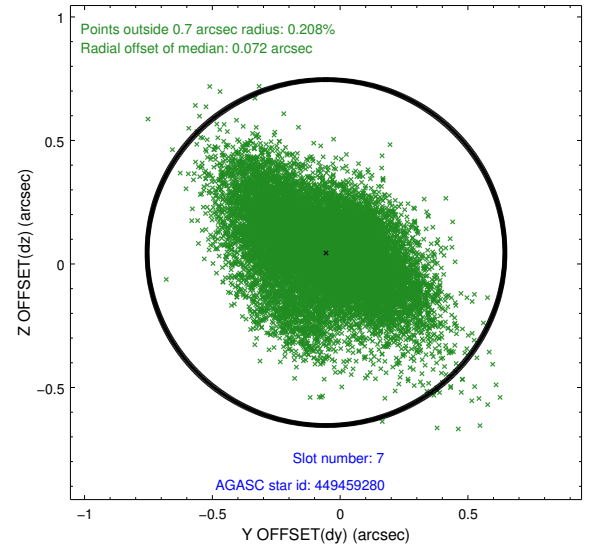
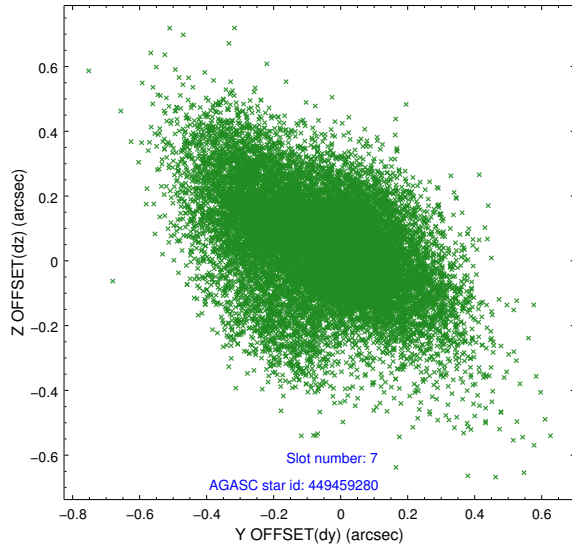
2.4.2 Slot 4



2.4.3 Slot 5

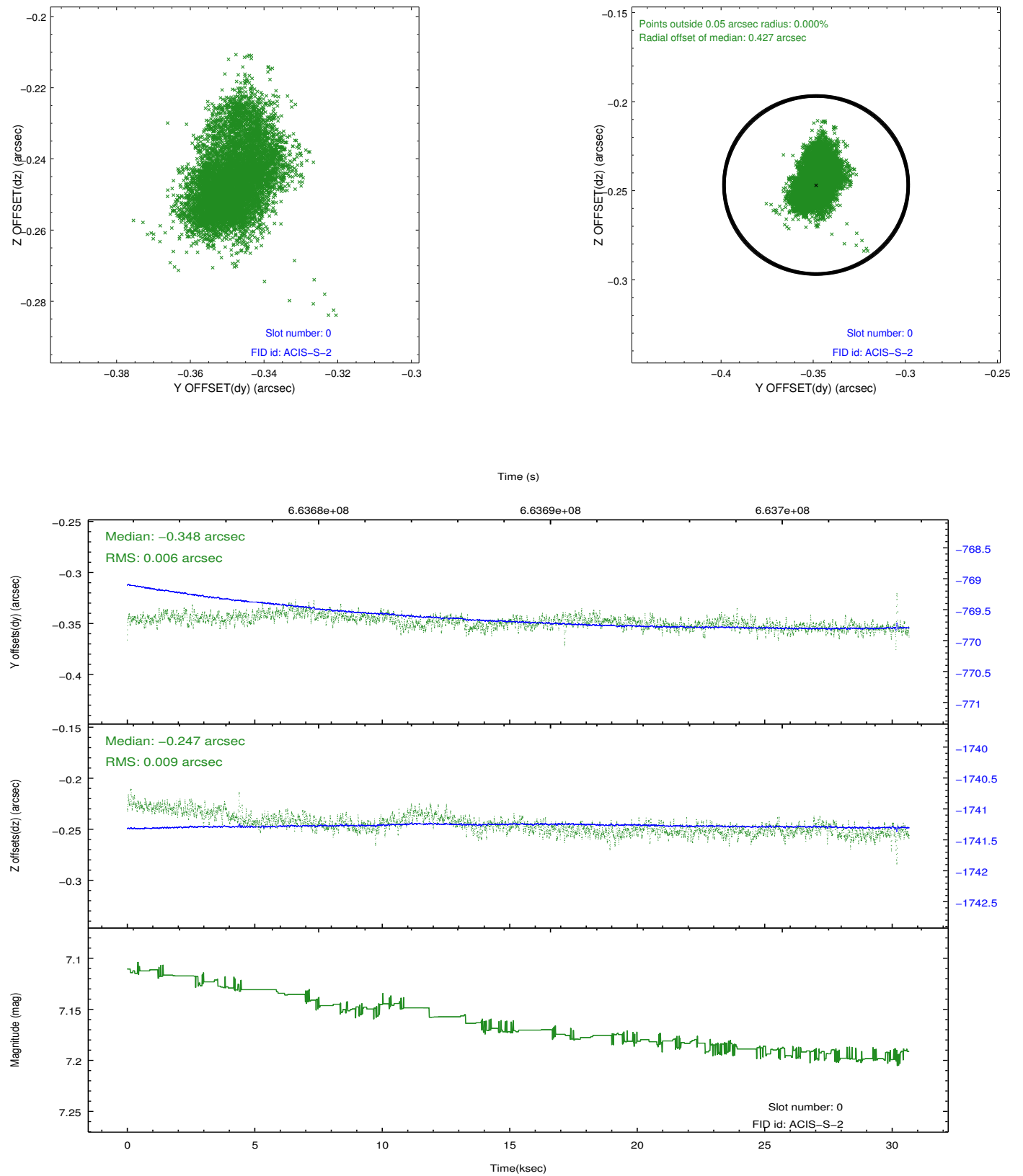


2.4.4 Slot 7

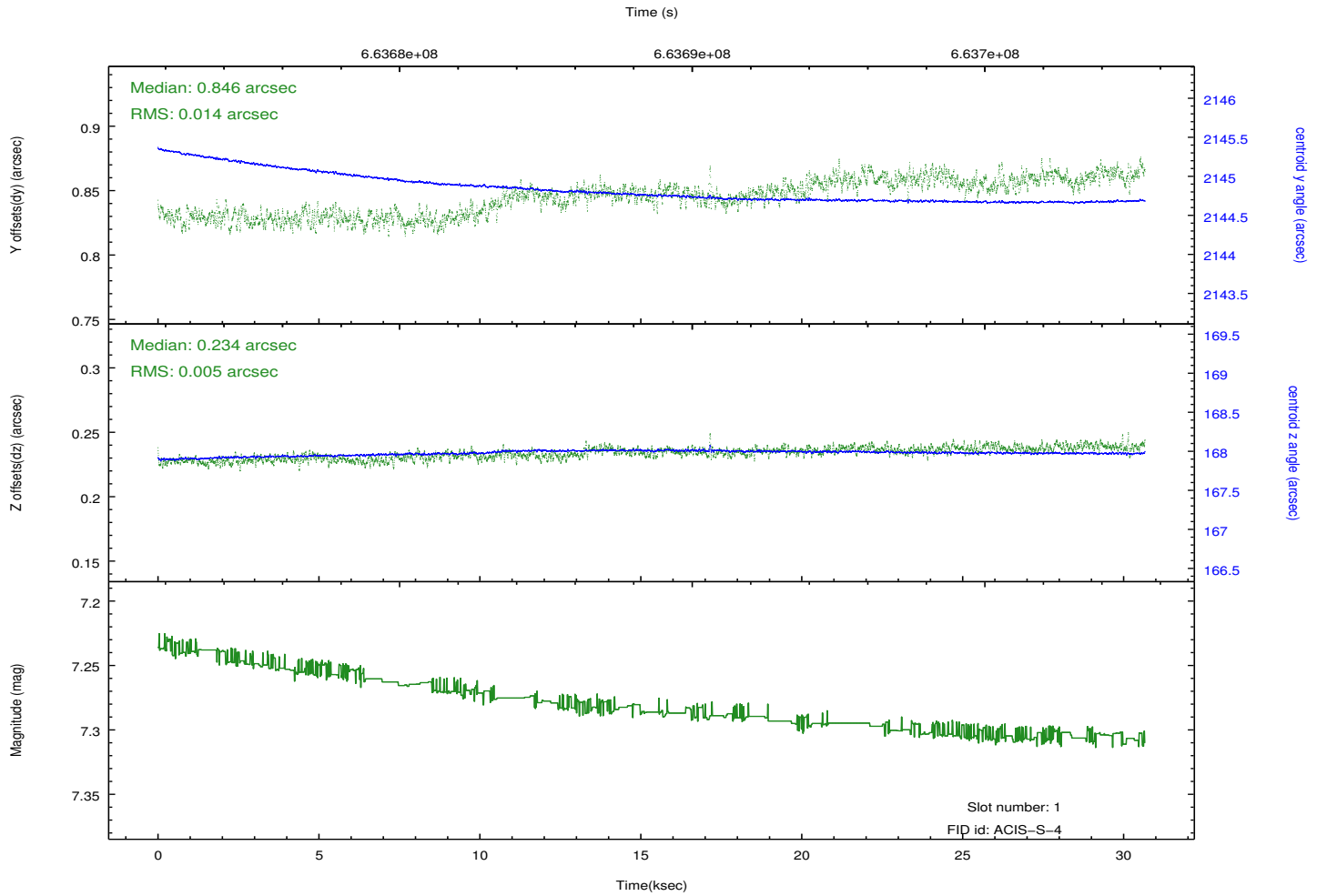
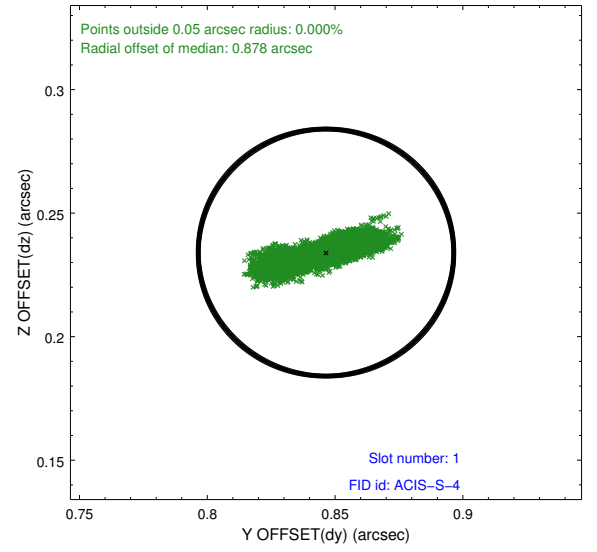
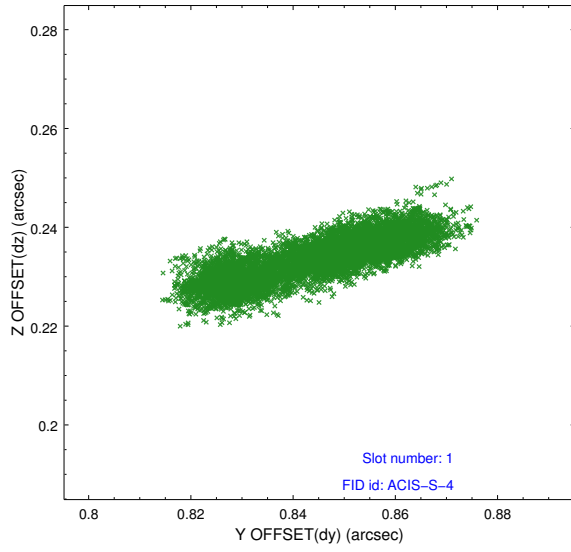


2.5 FID Slots

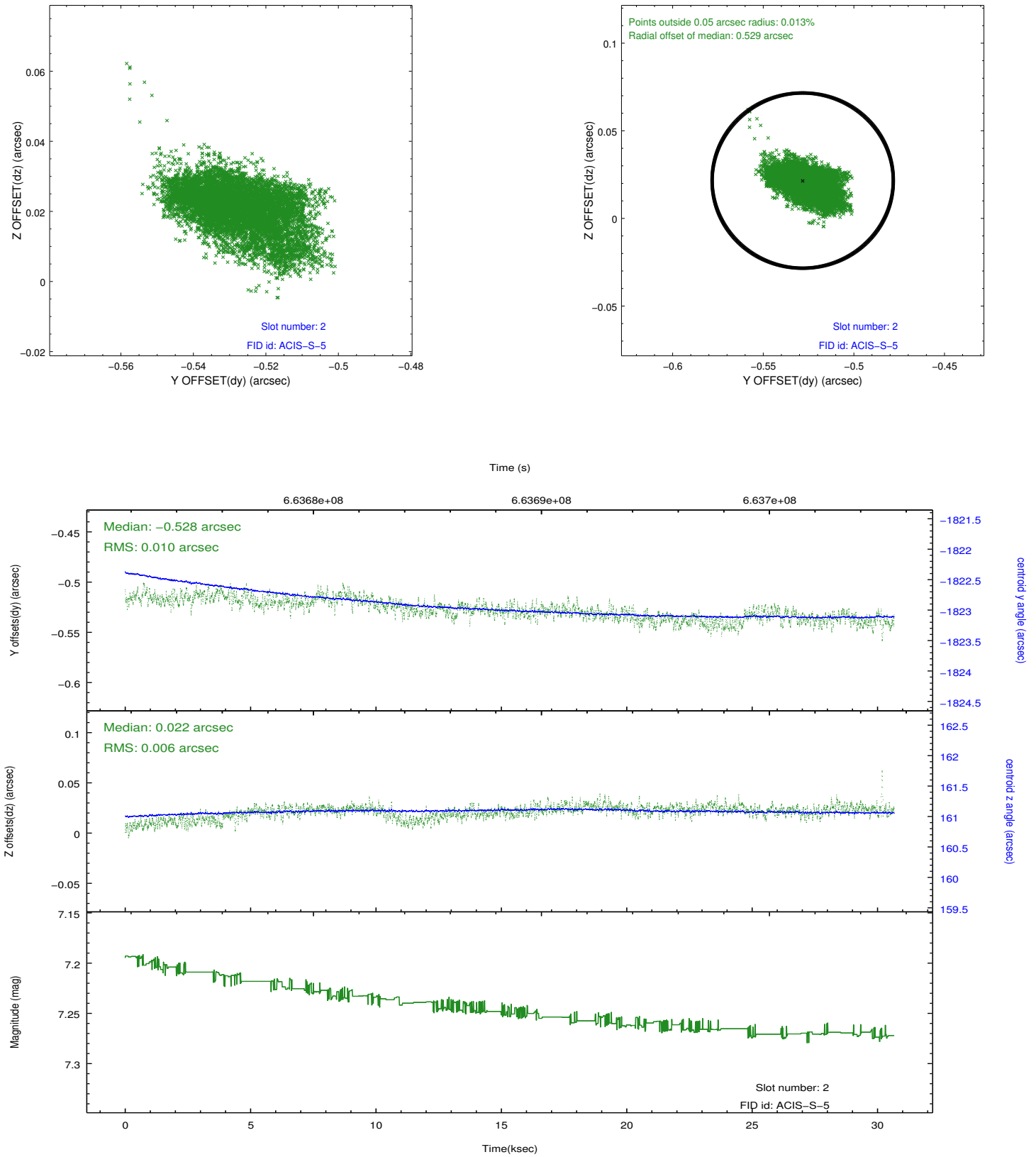
2.5.1 Slot 0



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)	2019.01.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.105

A.2 Comments

Three optional chips were dropped.