

V&V Reference Report

L2 ASCDS Version : 10.7.1

Observation 22002 - L2 Version 1
Chandra X-Ray Center

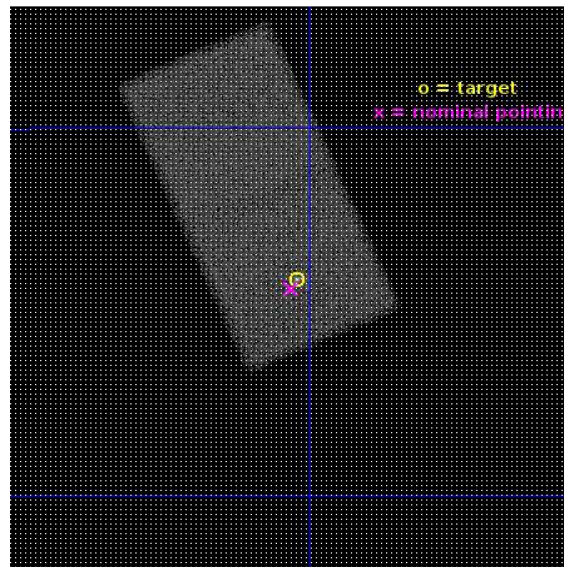
L2 Processing Date : Dec 16 2018

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1 Front

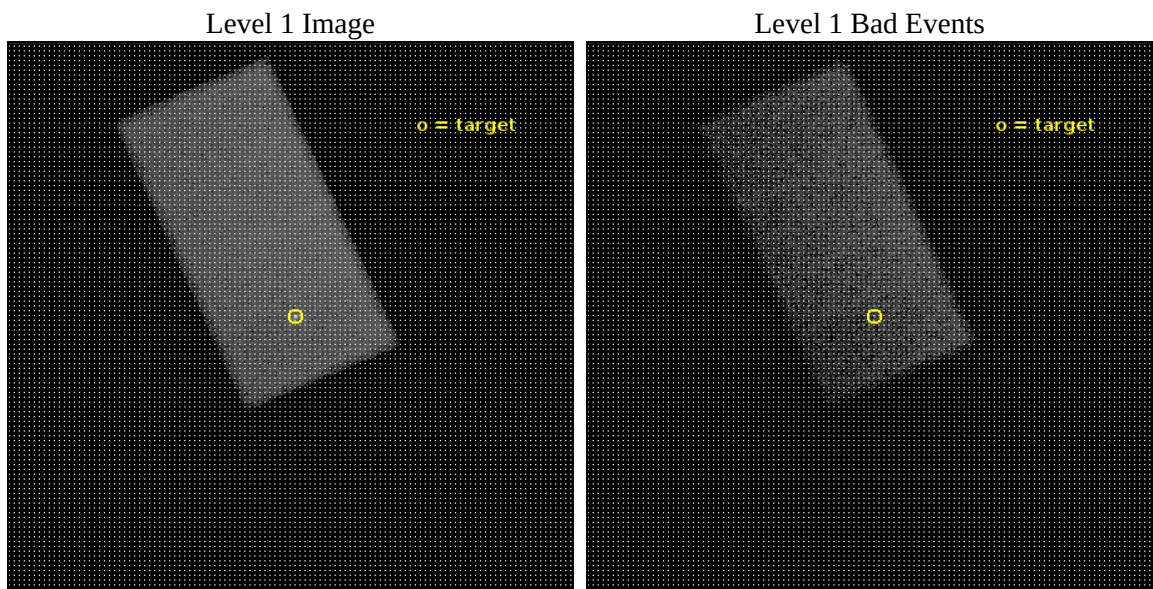
seq_num	703763	Sequence number
obs_id	22002	Observation id
title	Feedback in the Molecular Disk of the Radio-Loud Seyfert Galaxy IC 5063	Proposal title
observer	Giuseppina Fabbiano	Principal investigator
object	IC5063	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	313.009583	Observer's specified target RA [deg]
dec_targ	-57.068889	Observer's specified target Dec [deg]
ra_nom	313.01411830869	Nominal RA [deg]
dec_nom	-57.073052773228	Nominal Dec [deg]
roll_nom	246.16045840668	Nominal Roll [deg]
revision	1	Processing version of data
ontime	45068.700113297	Sum of GTIs [s]
livetime	43868.459073058	Livetime [s]
ontime7	45068.700113297	Sum of GTIs [s]
l2events	106281	Number of level 2 events



2 OBI

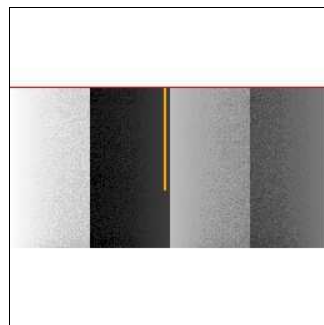
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	45000.000000	[s] Scheduled observation exposure time
ascdsver	10.7.1	Processing system revision	ontime	45068.700113297	Sum of GTIs [s]
caldsver	4.8.2	 	ontime7	45068.700113297	Sum of GTIs [s]
date	2018-12-17T01:29:16	Date and time of file creation	l1events	228618	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

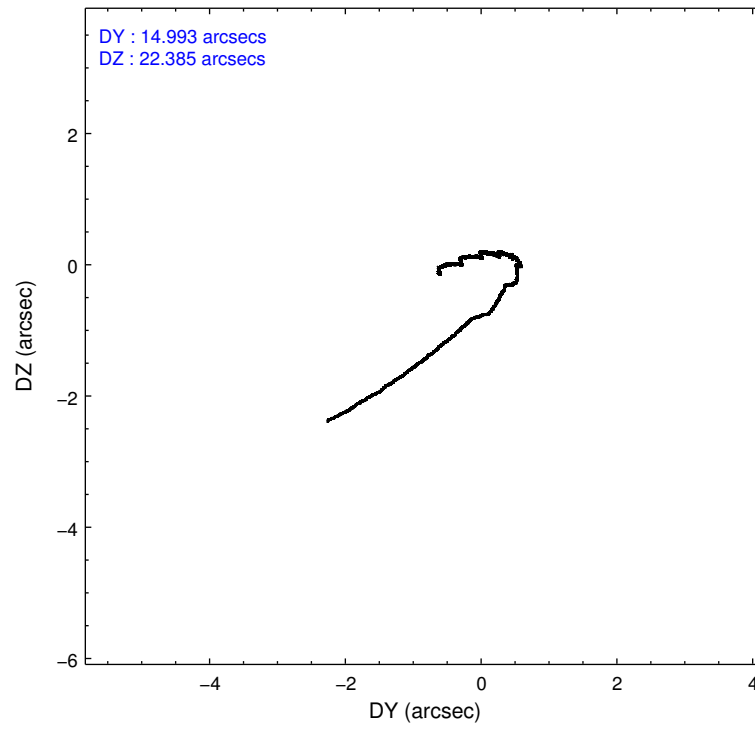
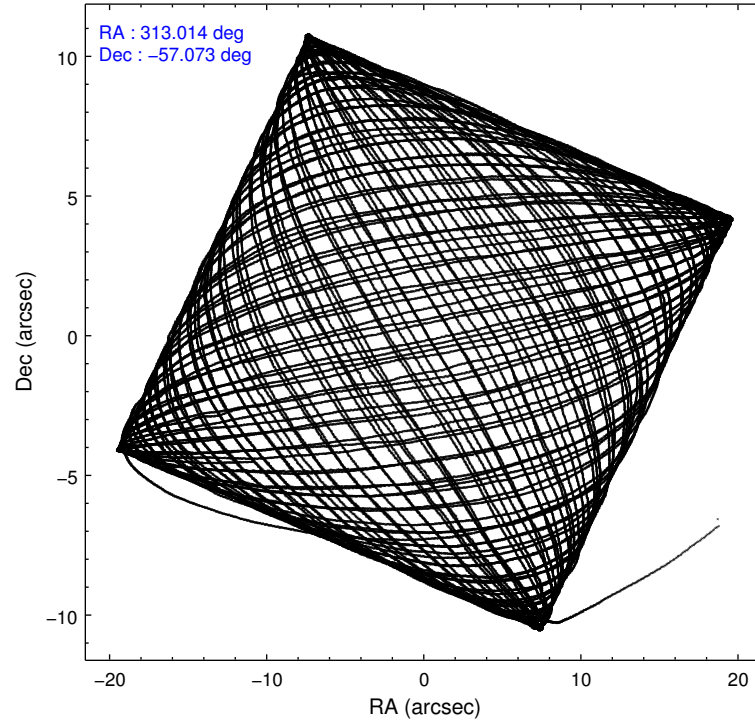
	ccd 7
level 1 events	228618
rejected events	119573
rejected %	52%

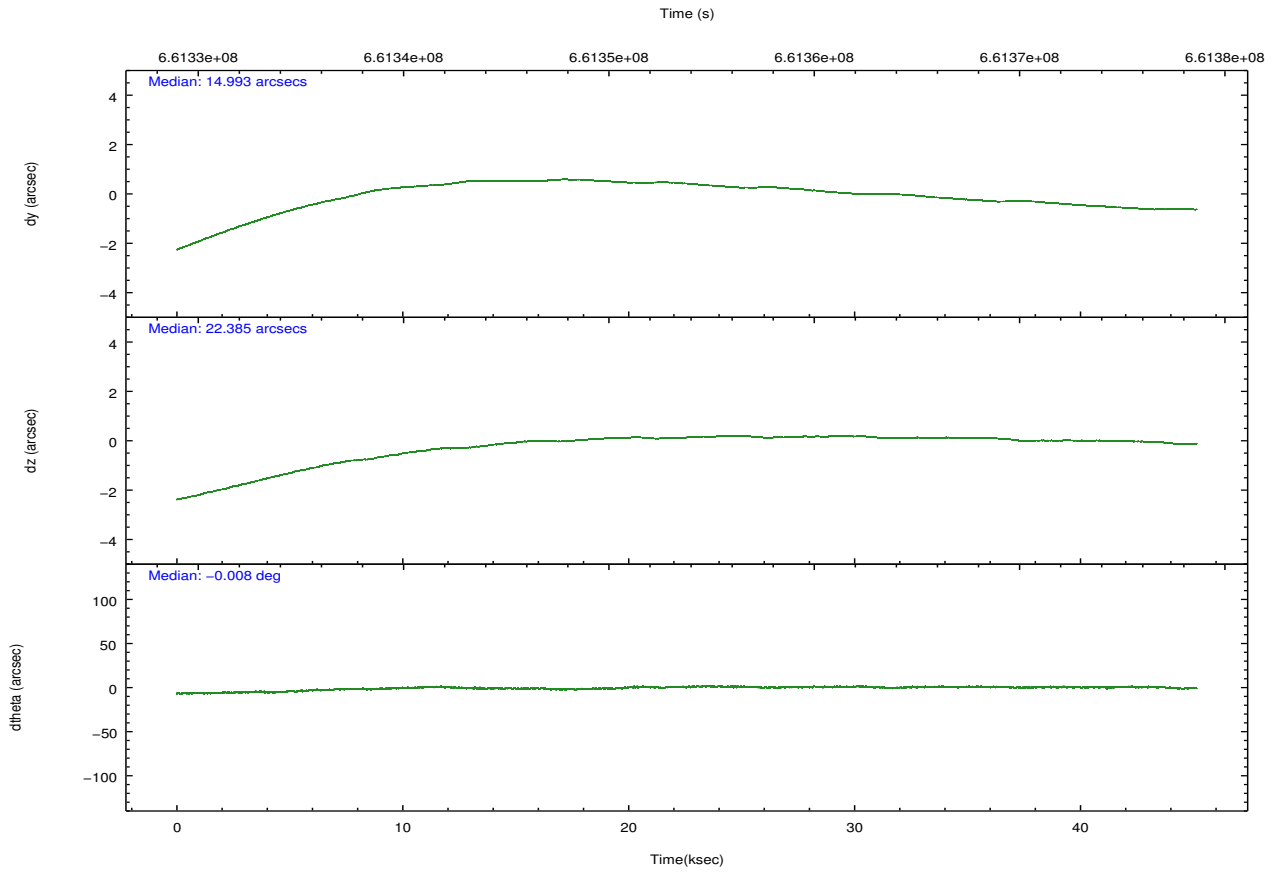
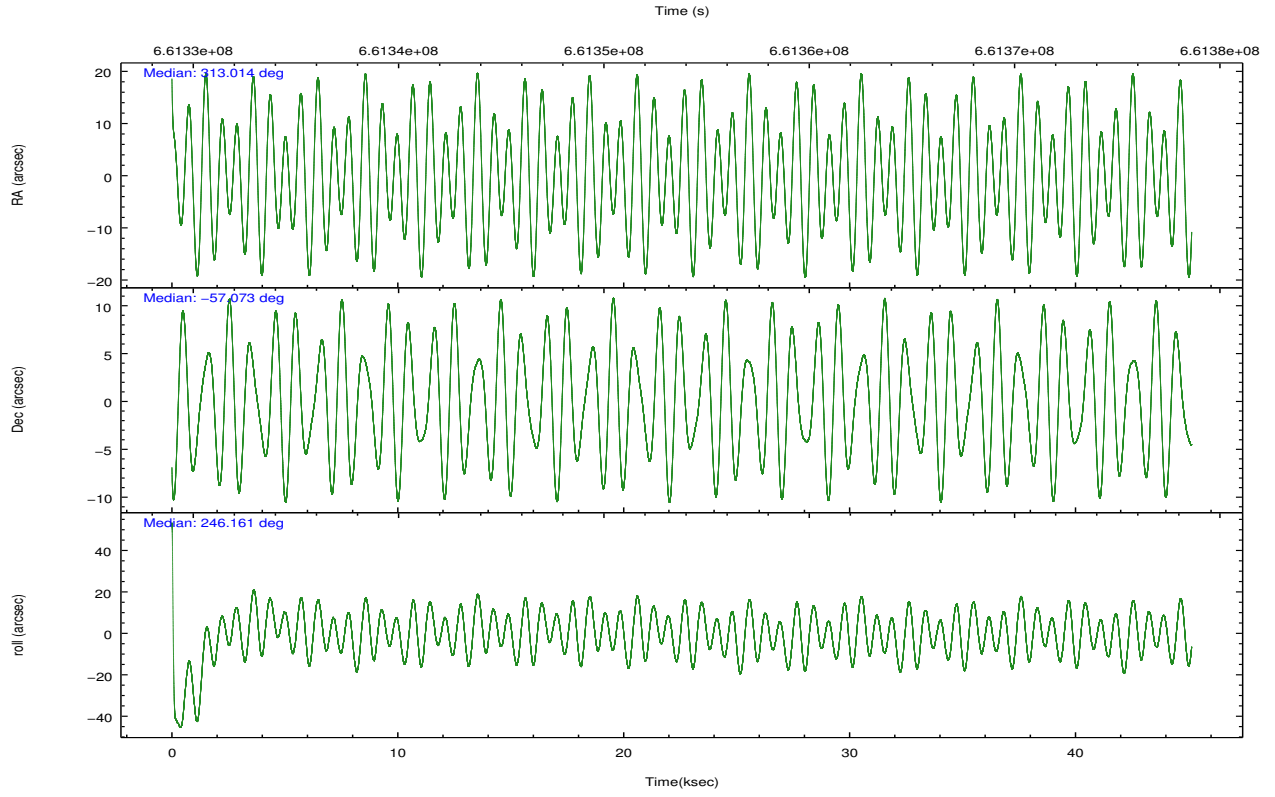
	ccd 7
grade 0 events	11413
	4%
grade 1 events	402
	0%
grade 2 events	23335
	10%
grade 3 events	10589
	4%
grade 4 events	10367
	4%
grade 5 events	23376
	10%
grade 6 events	53348
	23%
grade 7 events	95788
	41%

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	313.008046	313.0141183086863	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	-57.045797	-57.07305277322838	Subarray start row	257	257
[deg] Pointing Roll	245.998709	246.1604584066758	Subarray row count	512	512
[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	1.5
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	661331368.184000	661329872.31864			
Observation start date	2018-12-16T07:08:19	2018-12-16T06:44:32			
[s] Observation end time (MET)	661376368.184000	661377445.64648			
Observation end date	2018-12-16T19:38:19	2018-12-16T19:57:25			
Read mode	TIMED	TIMED			

2.3 Aspect



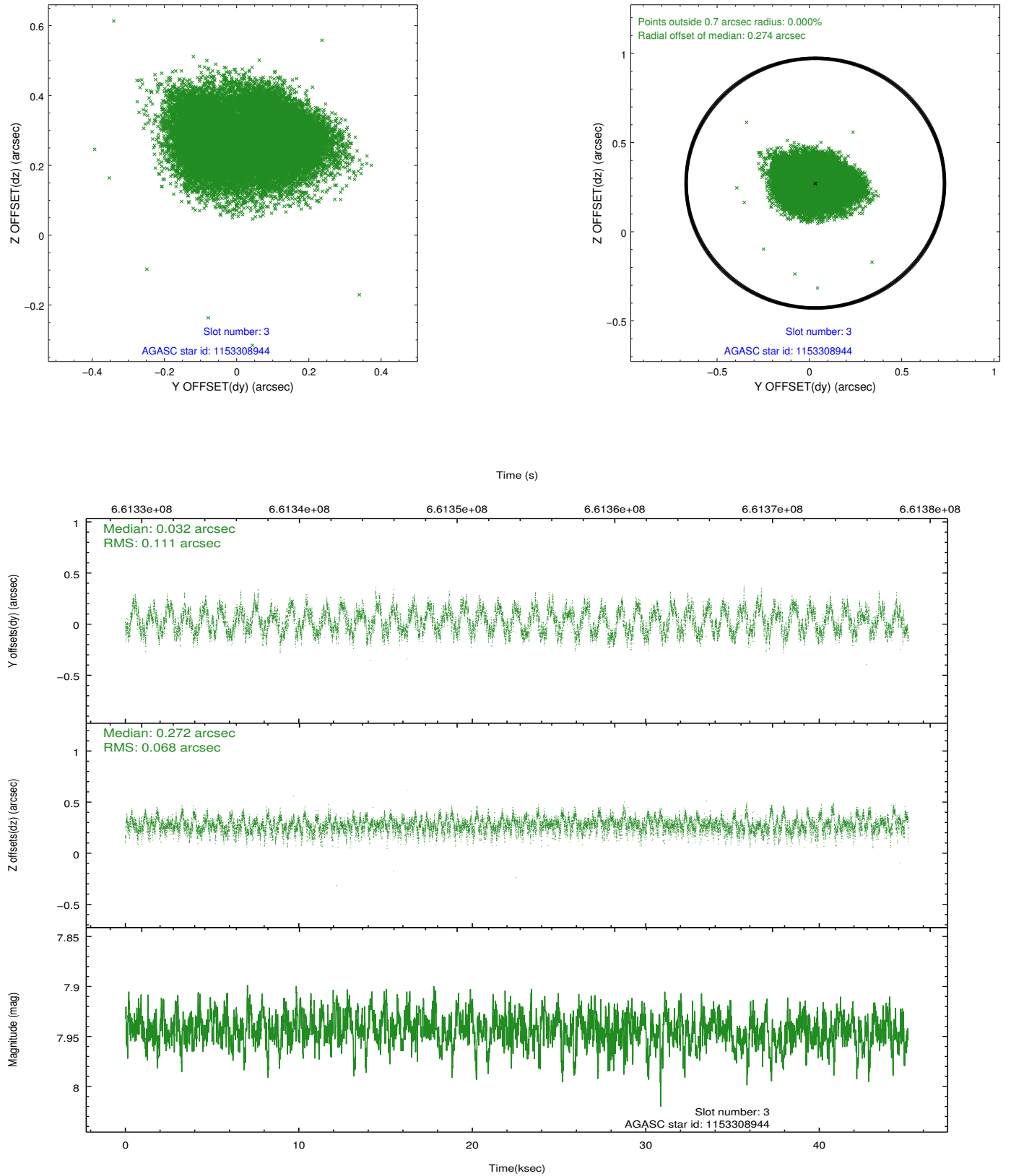


Slot Statistics

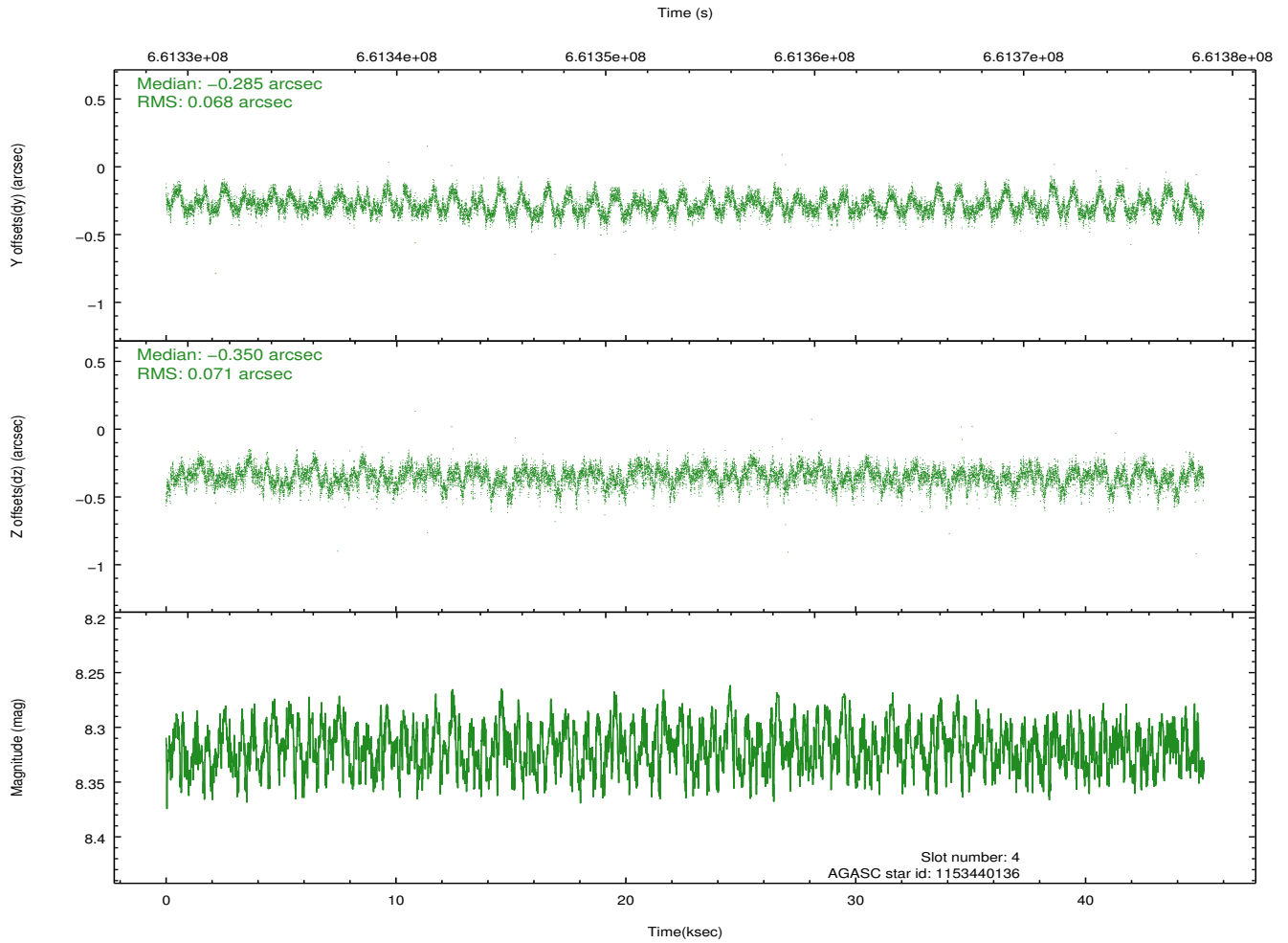
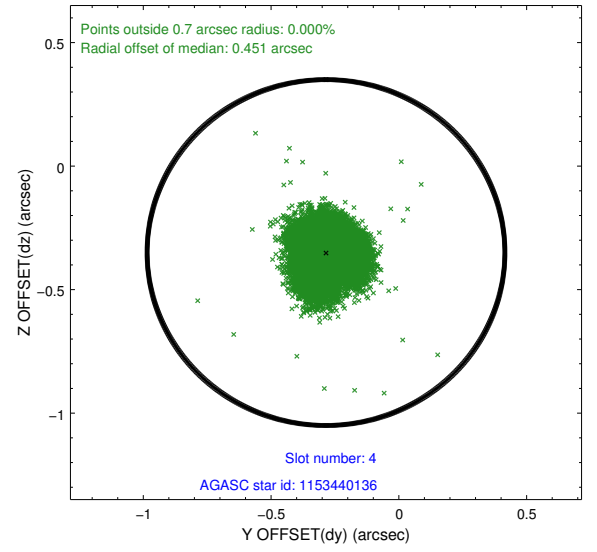
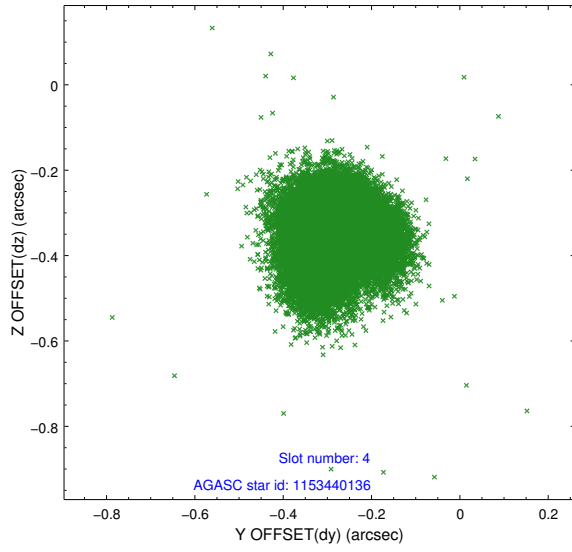
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.08	11010	1.000	-0.002	-0.070	0.017	0.060	0.000000	0.000000	928.26	-1739
1	FID		ACIS-S-4	7.09	11011	1.000	0.567	0.056	0.012	0.032	0.000000	0.000000	2146.14	165
2	FID		ACIS-S-5	7.09	11011	1.000	-0.592	0.029	0.014	0.039	0.000000	0.000000	-1821.30	158
3	GUIDE	used	1153308944	7.94	22014	1.000	0.032	0.272	0.144	0.210	313.182696	-56.719599	-1211.68	-162
4	GUIDE	used	1153440136	8.32	22010	1.000	-0.285	-0.350	0.106	0.164	314.021553	-57.000444	-943.40	1754
5	GUIDE	used	1153442384	8.91	22003	1.000	-0.197	-0.091	0.138	0.236	314.026470	-56.702902	-1931.93	1343
6	GUIDE	used	1152786648	8.88	21986	1.000	0.436	0.513	0.113	0.182	312.678780	-56.241678	-2371.61	-1774
7	GUIDE	used	1153304832	9.29	21976	1.000	0.007	-0.340	0.193	0.288	312.834342	-57.462490	1508.45	303

2.4 Star Slots

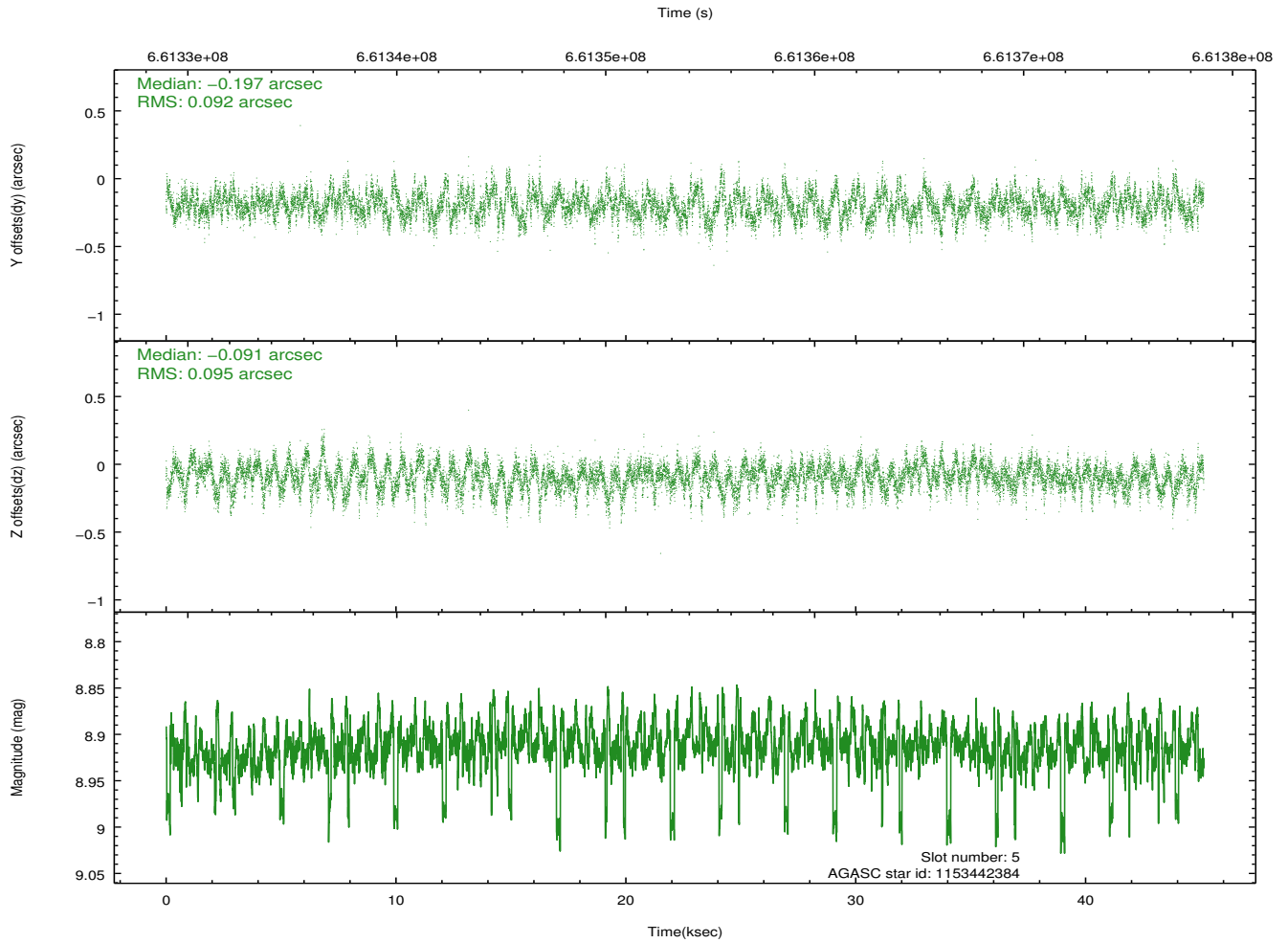
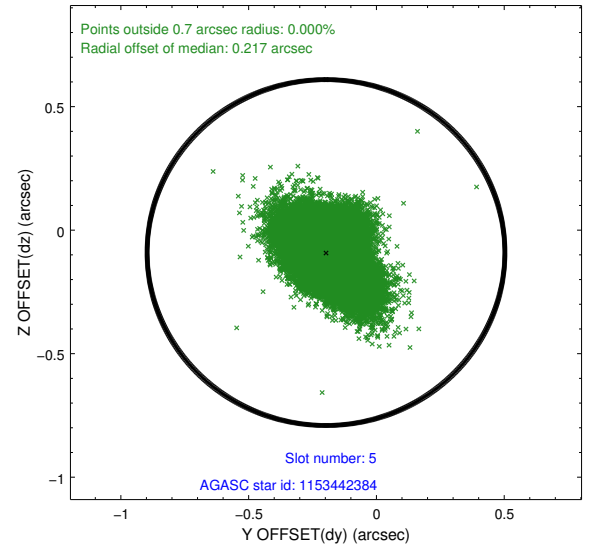
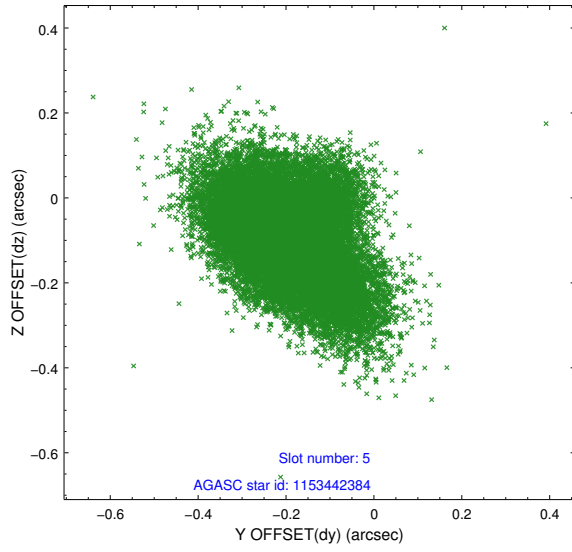
2.4.1 Slot 3



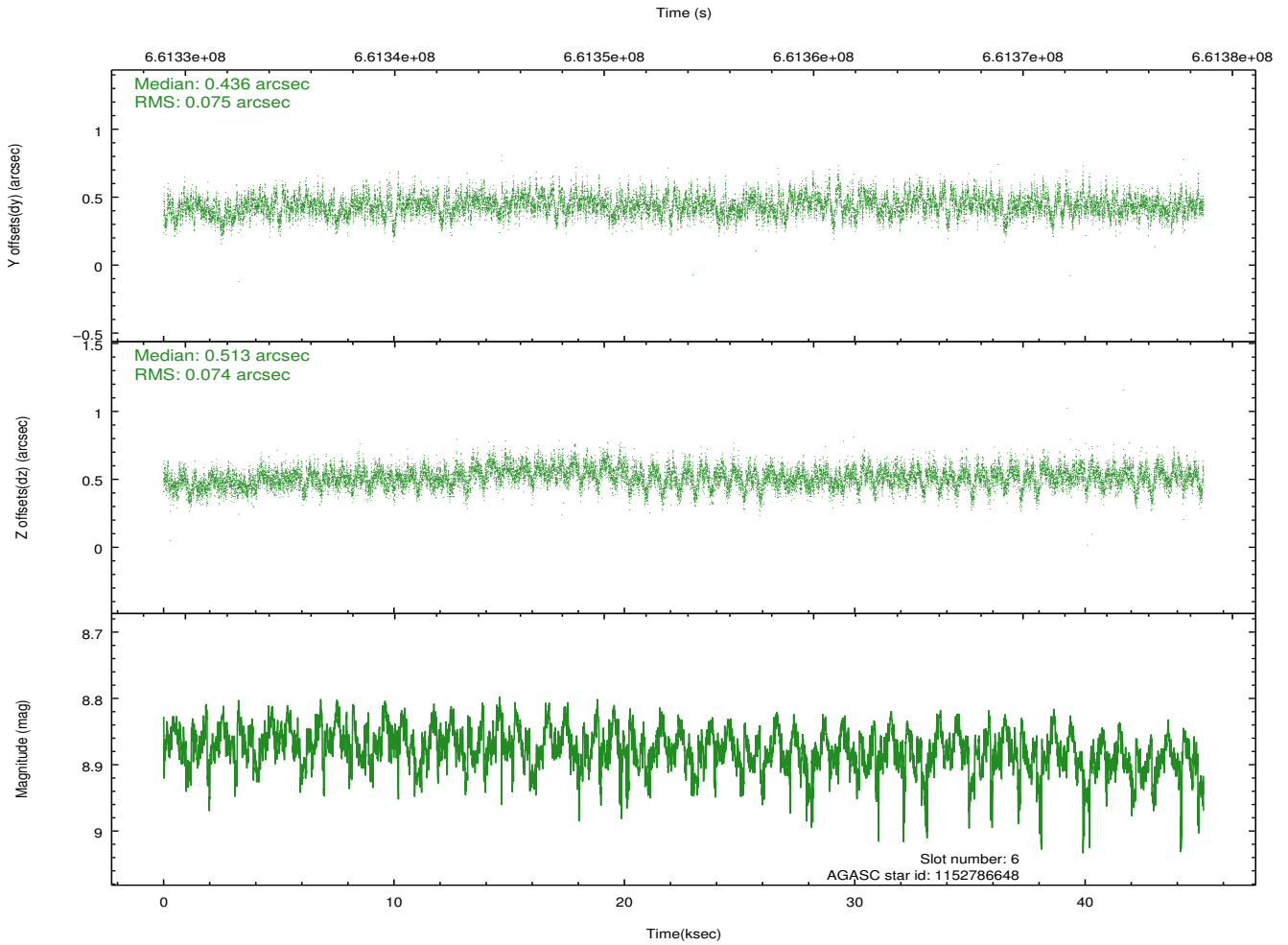
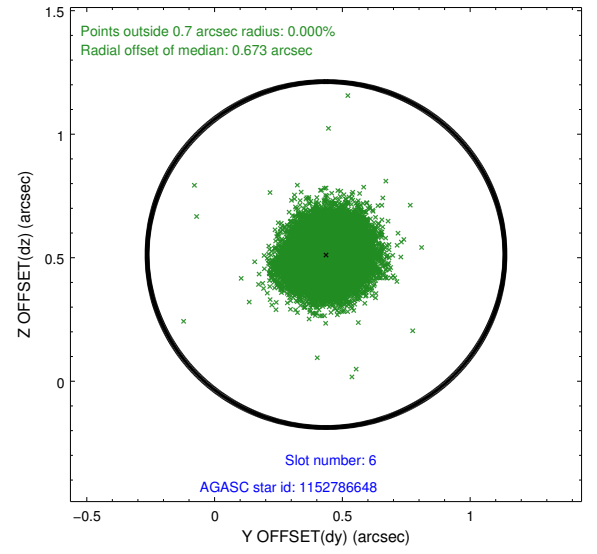
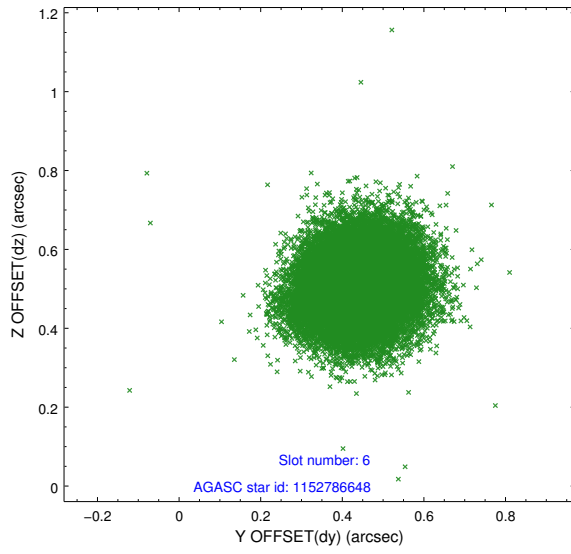
2.4.2 Slot 4



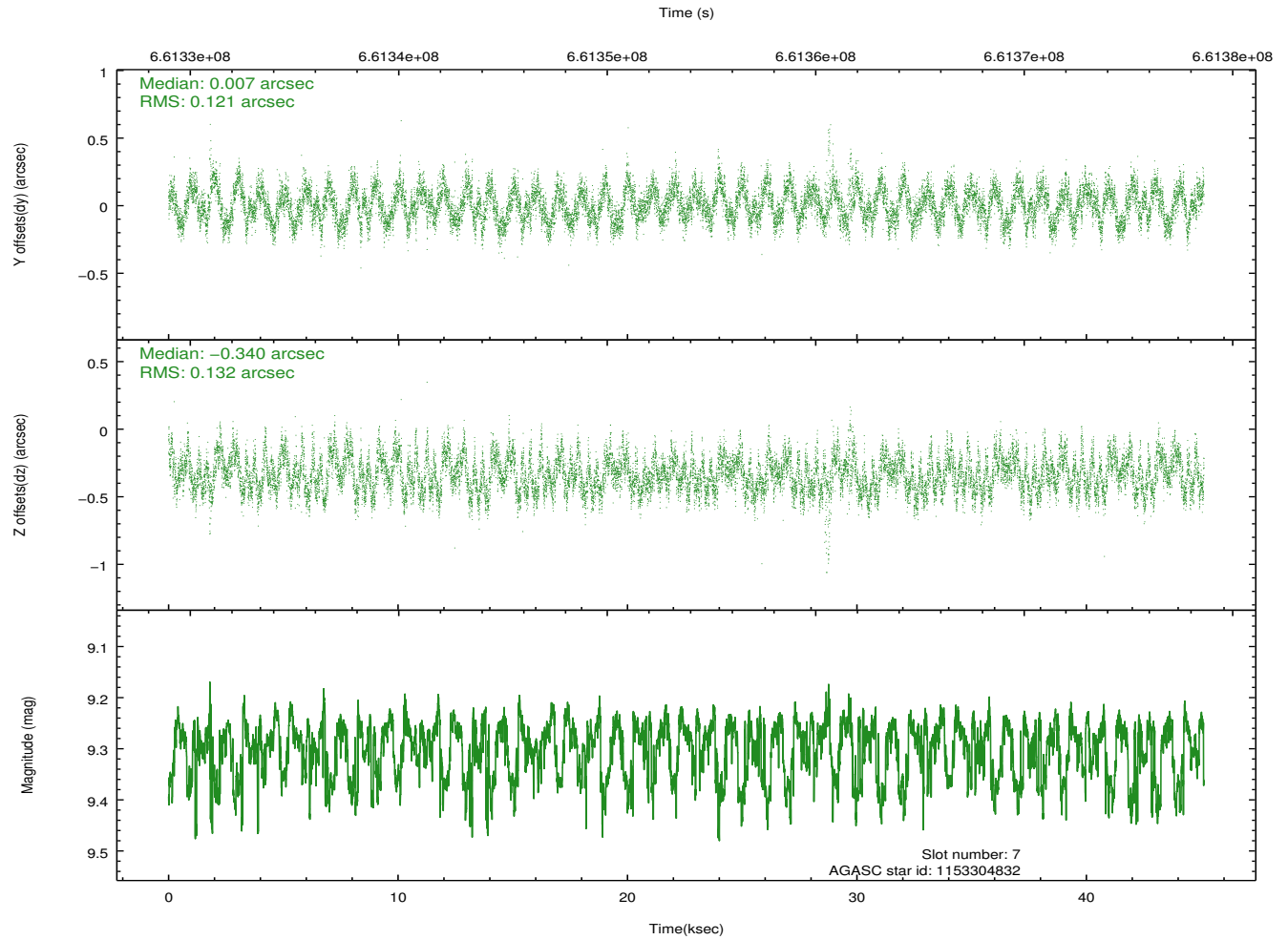
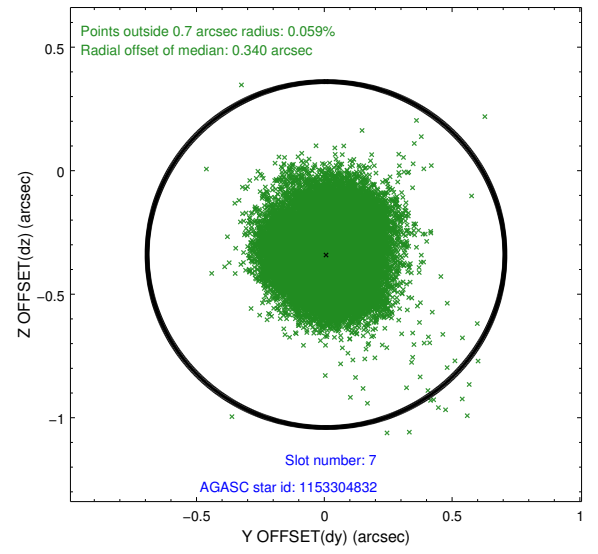
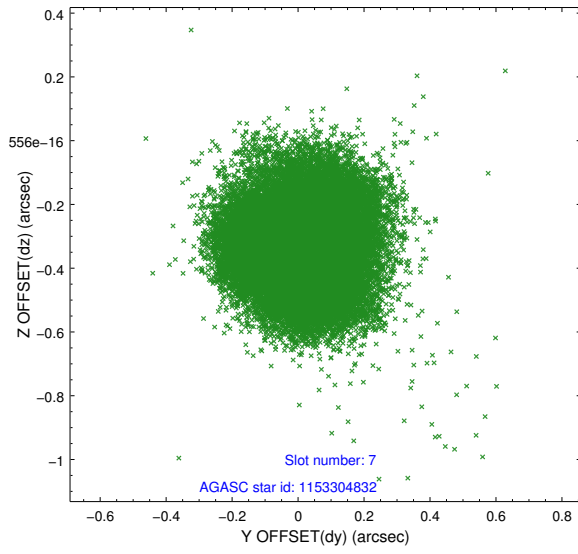
2.4.3 Slot 5



2.4.4 Slot 6

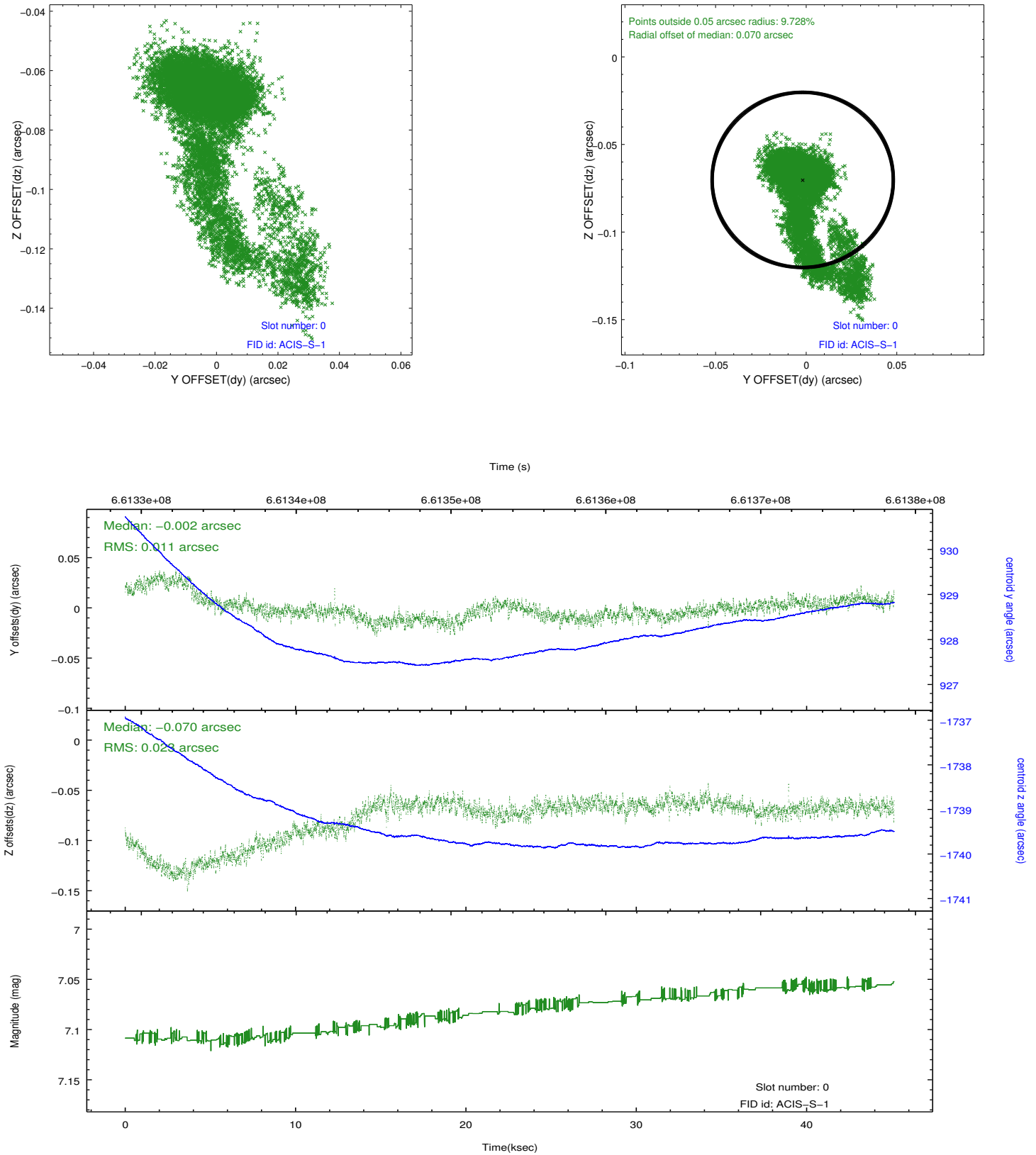


2.4.5 Slot 7

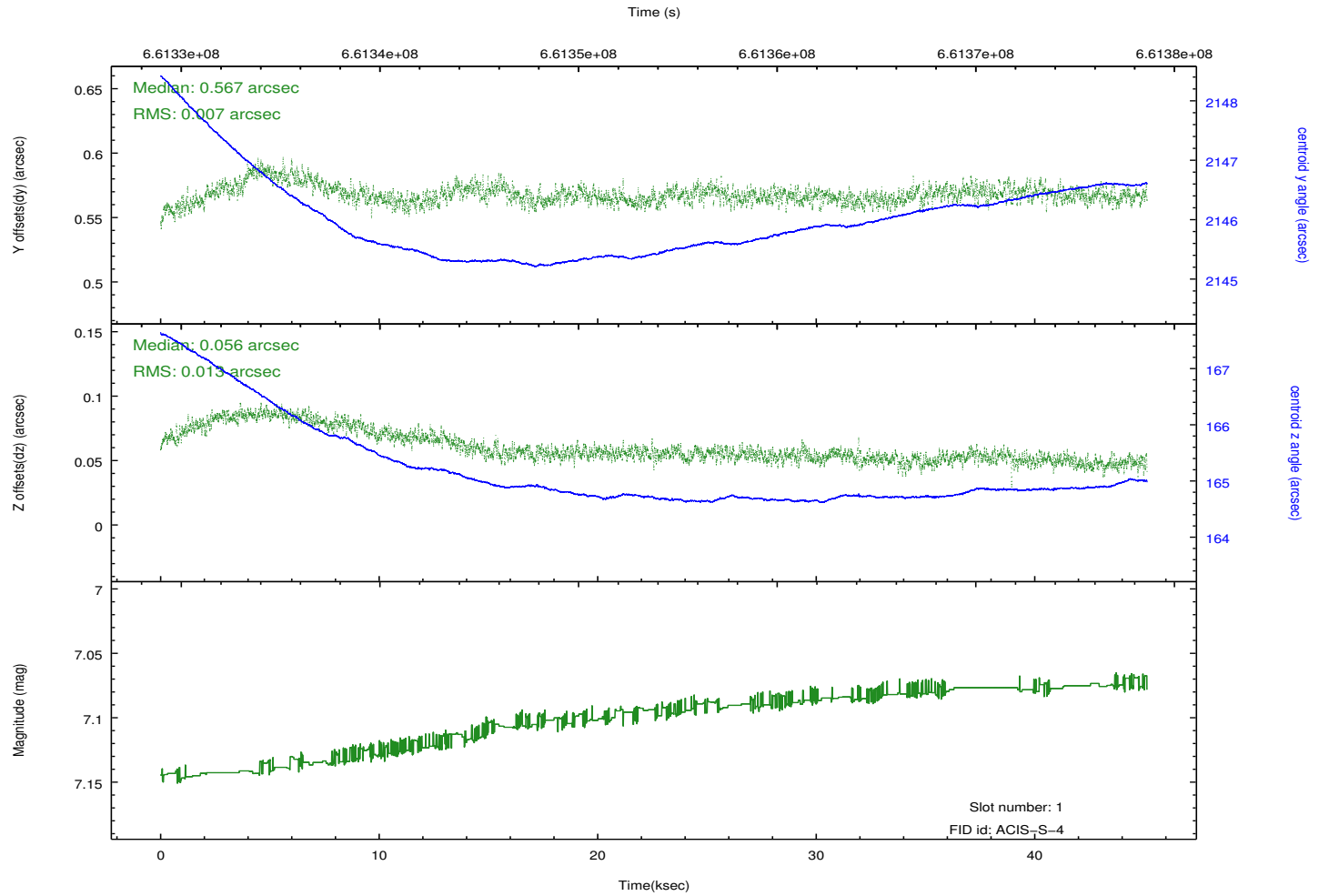
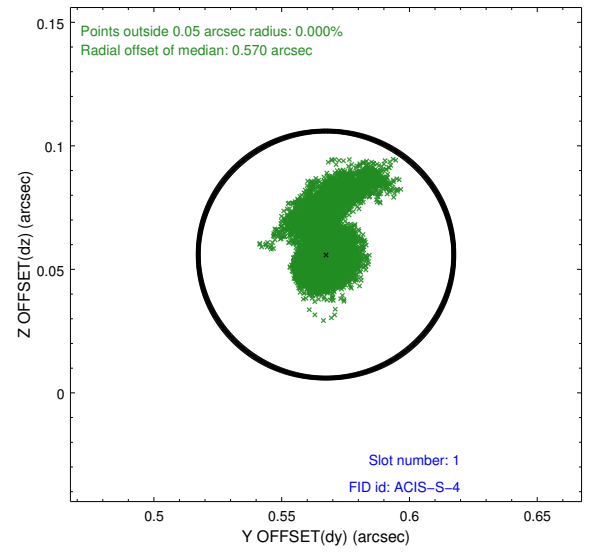
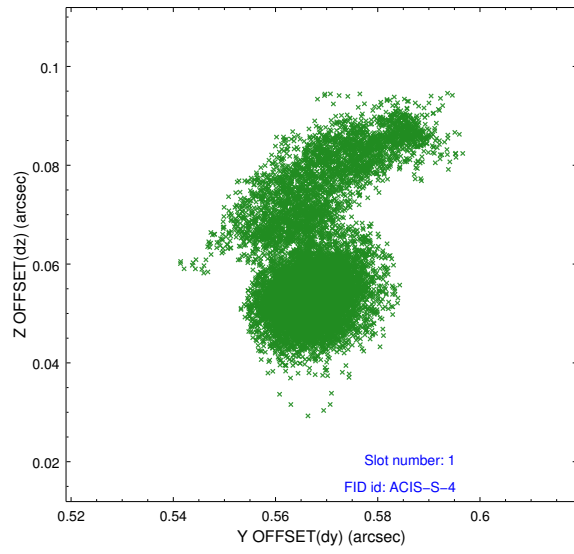


2.5 FID Slots

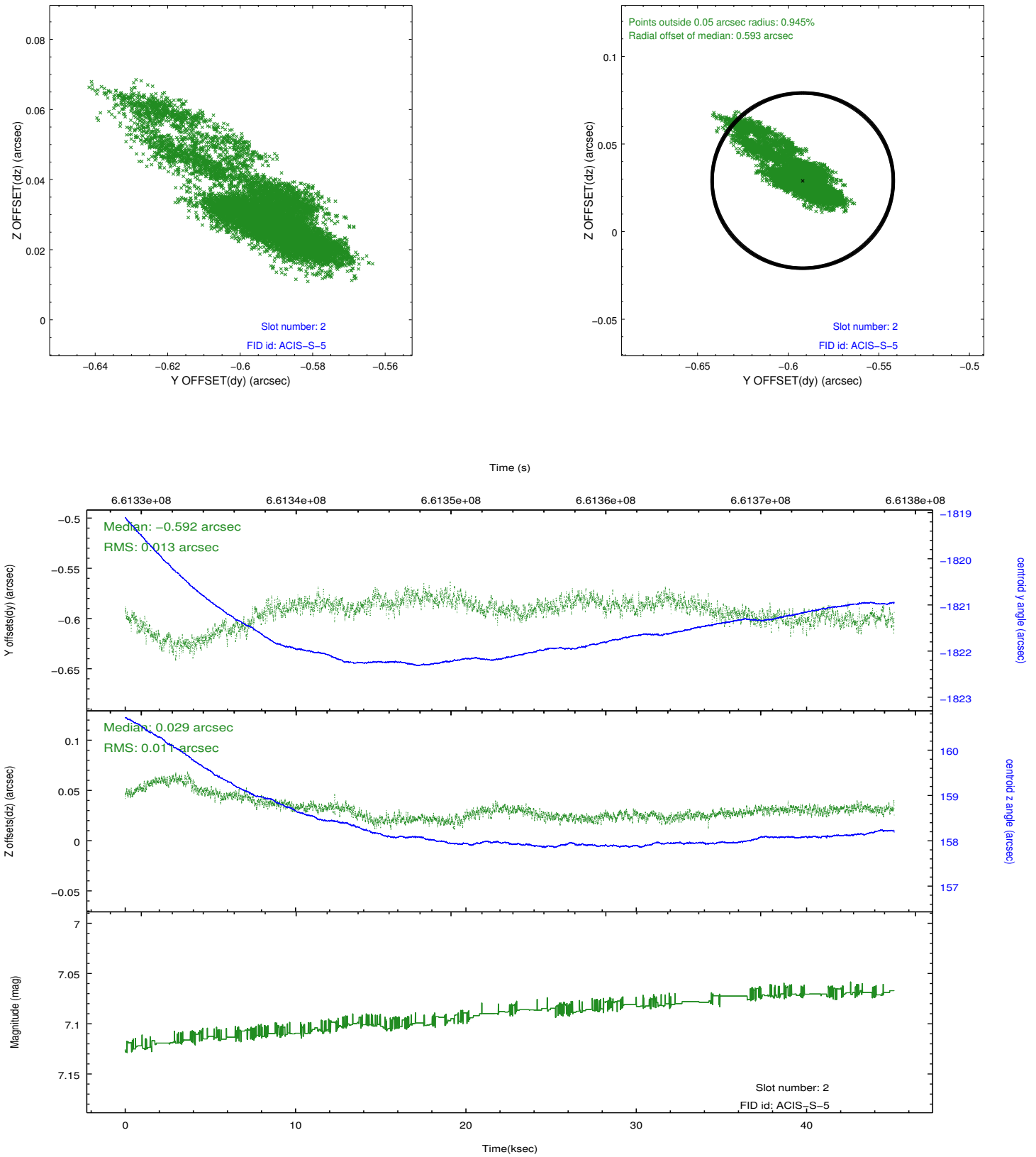
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	45.068700113297

A.2 Comments