

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10400 - L2 Version 2
Chandra X-Ray Center

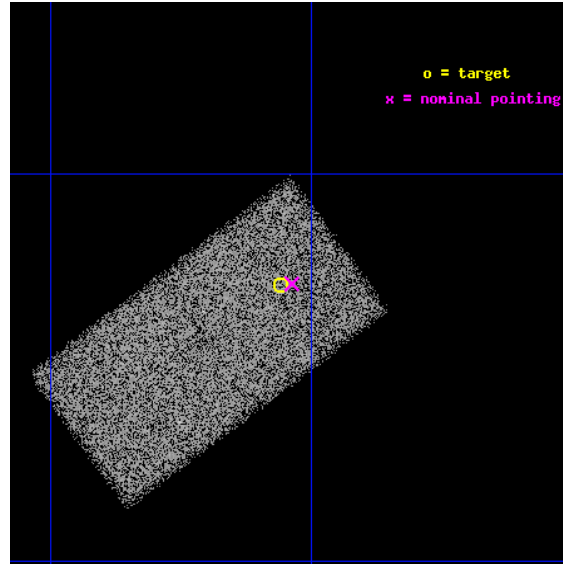
L2 Processing Date : Jun 3 2012

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1 Front

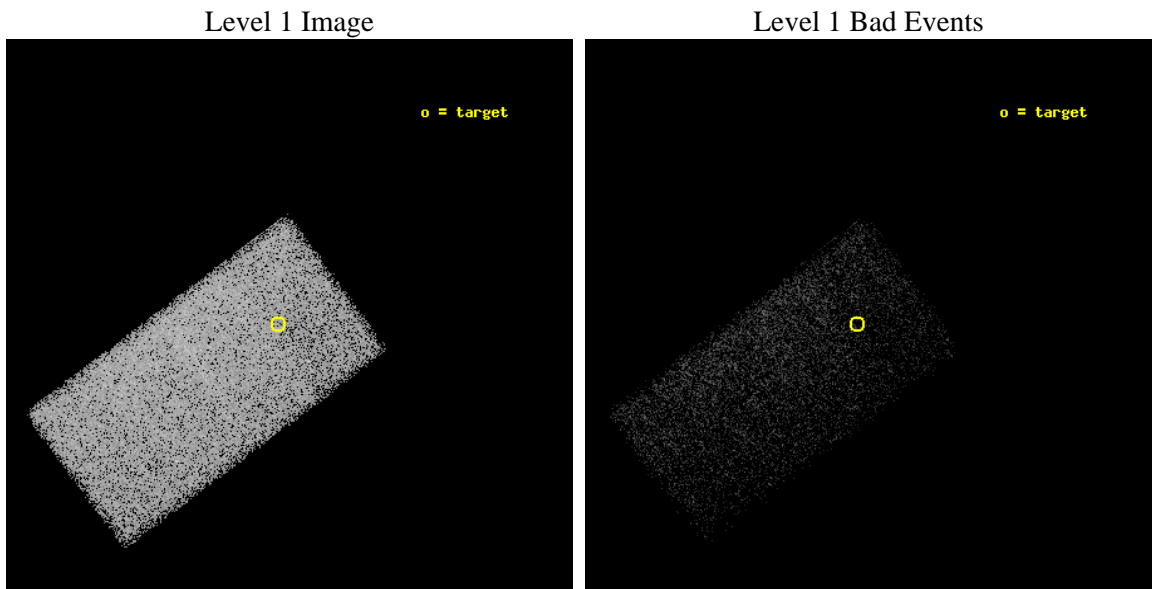
seq_num	701943	Sequence number
obs_id	10400	Observation id
title	A Complete Census of AGN Activity in Luminous Infrared Galaxies	Pr
observer	Dr David Alexander	Principal investigator
object	IC860	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	198.764583	Observer's specified target RA [deg]
dec_targ	24.618889	Observer's specified target Dec [deg]
ra_nom	198.75924229384	Nominal RA [deg]
dec_nom	24.619320540221	Nominal Dec [deg]
roll_nom	143.15886914403	Nominal Roll [deg]
revision	2	Processing version of data
ontime	19672.5	Sum of GTIs [s]
liveltime	19148.594455692	Livetime [s]
ontime7	19672.5	Sum of GTIs [s]
l2events	38853	Number of level 2 events



2 OBI

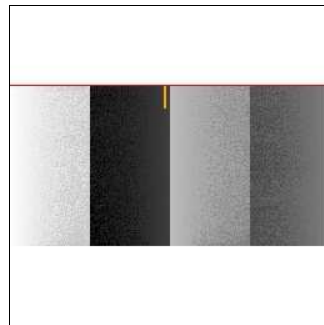
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	19500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	19672.5	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	19672.5	Sum of GTIs [s]
date	2012-06-03T05:48:42	Date and time of file creation	l1events	82263	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

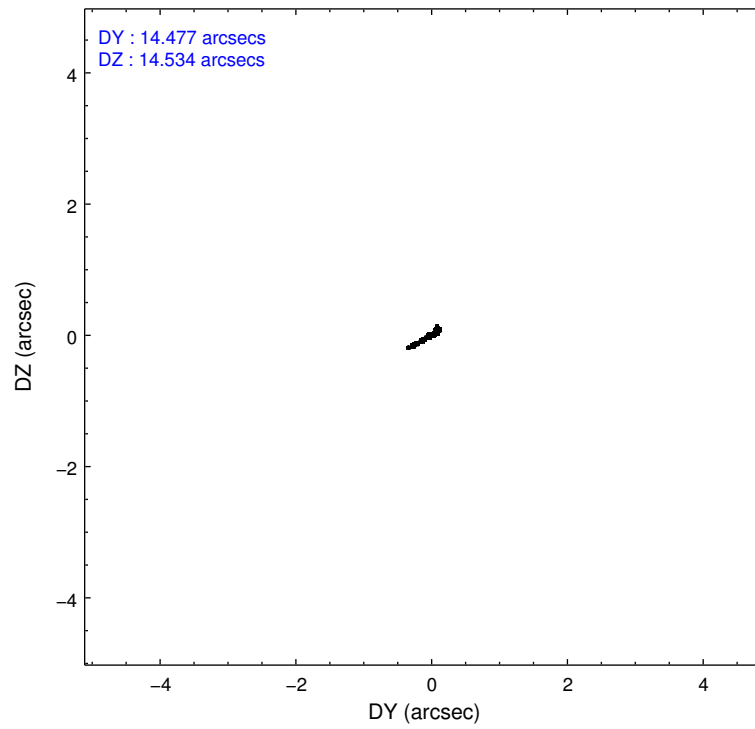
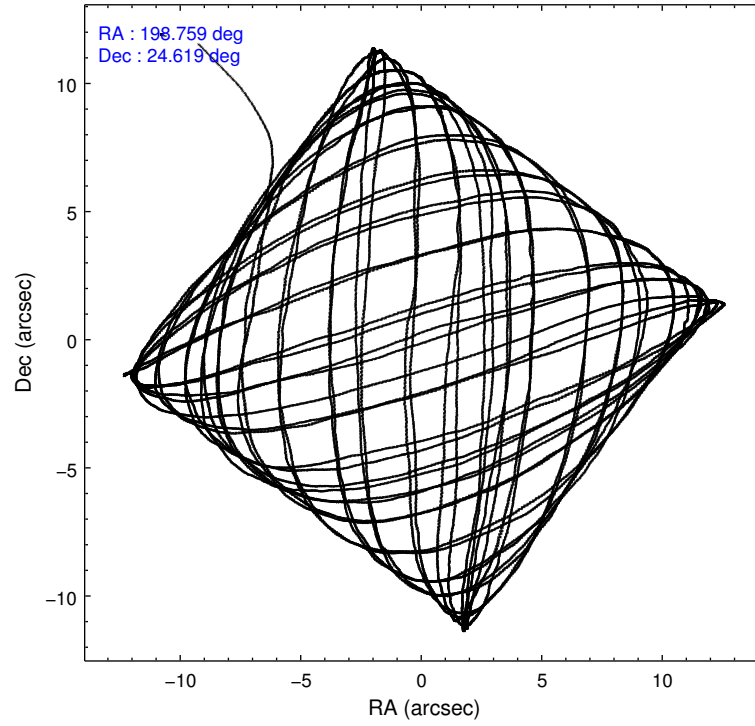
	ccd 7
level 1 events	82263
rejected events	41962
rejected %	51%

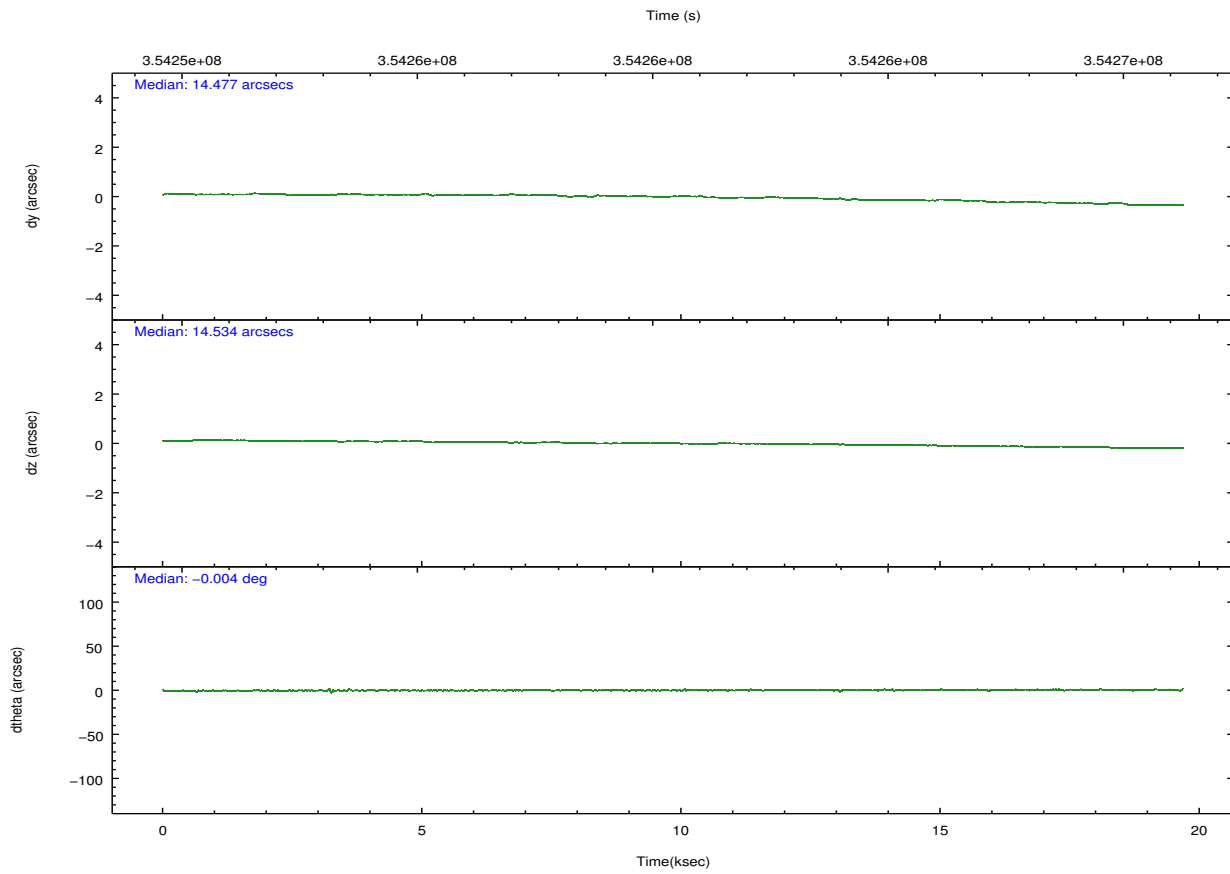
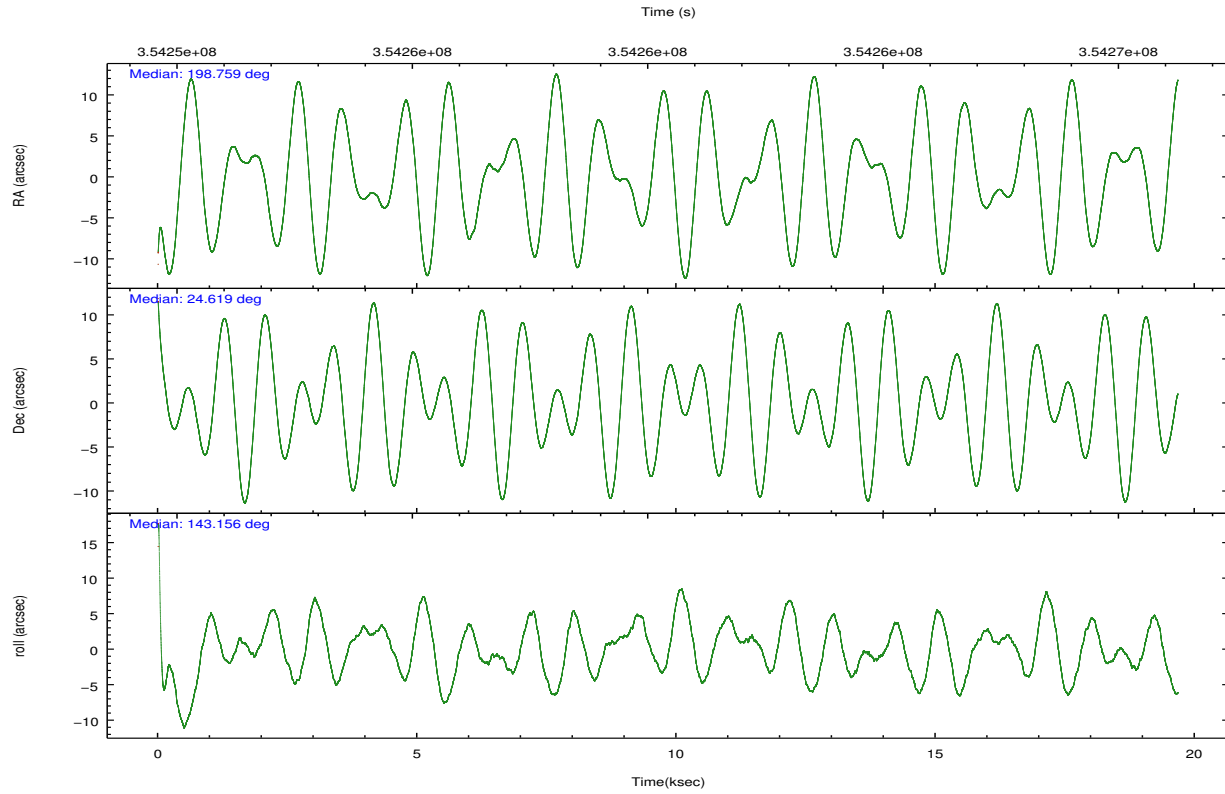
	ccd 7
grade 0 events	4545
	5%
grade 1 events	149
	0%
grade 2 events	9181
	11%
grade 3 events	4613
	5%
grade 4 events	4511
	5%
grade 5 events	8859
	10%
grade 6 events	19705
	23%
grade 7 events	30700
	37%

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	198.789185	198.7592422938434	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	24.616442	24.61932054022081	Subarray start row	257	257
[deg] Pointing Roll	142.989749	143.1588691440267	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)	354250778.184000	354249502.56189			
Observation start date	2009-03-24T02:58:32	2009-03-24T02:38:22			
[s] Observation end time (MET)	354270278.184000	354271314.05047			
Observation end date	2009-03-24T08:23:32	2009-03-24T08:41:54			
Read mode	TIMED	TIMED			

2.3 Aspect



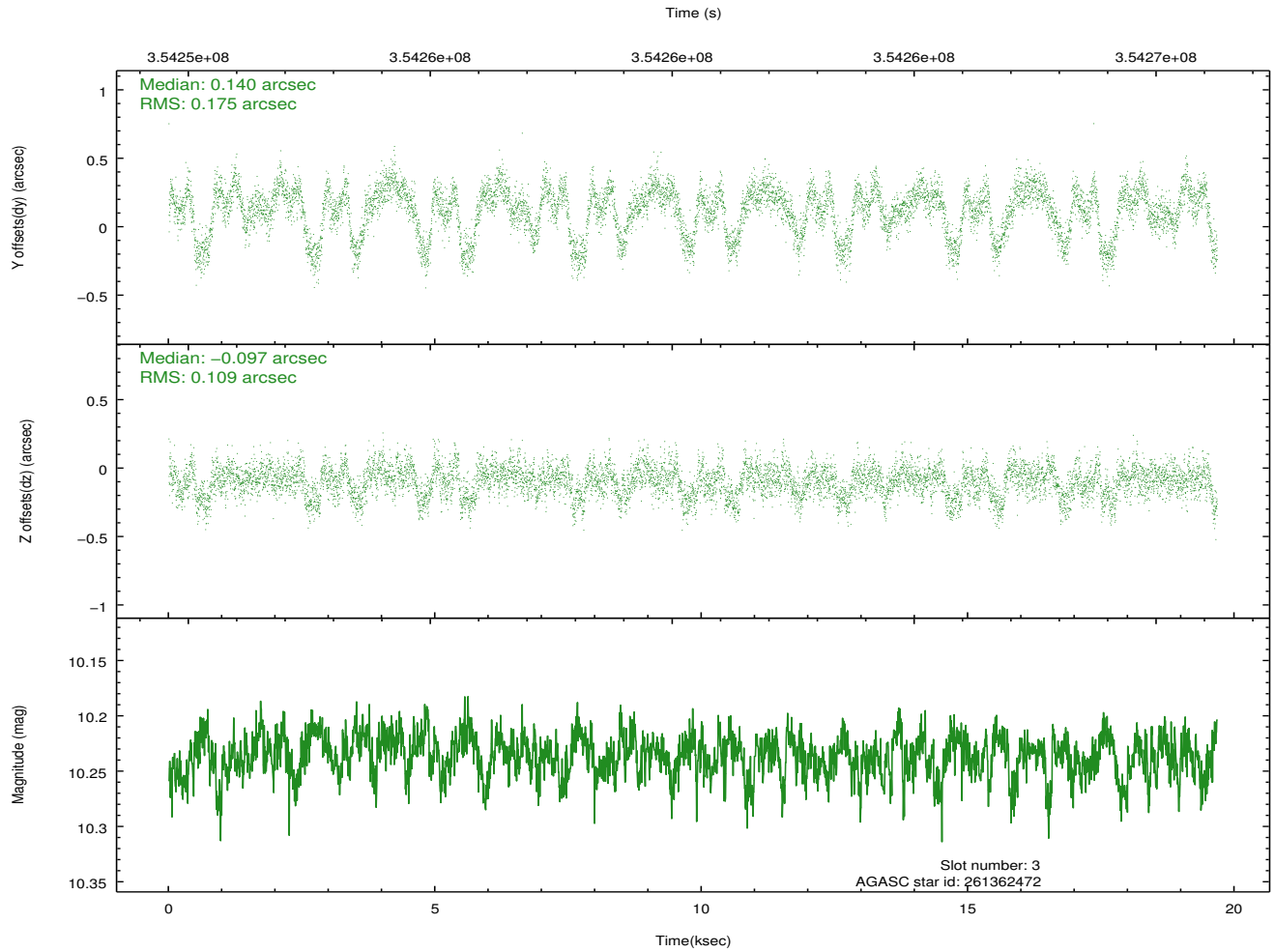
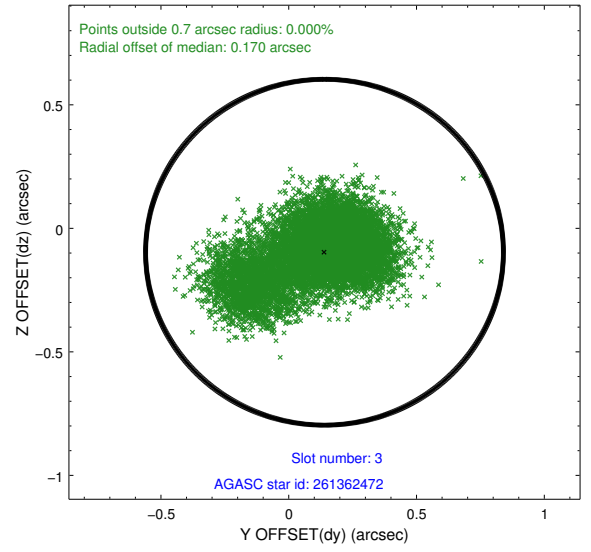
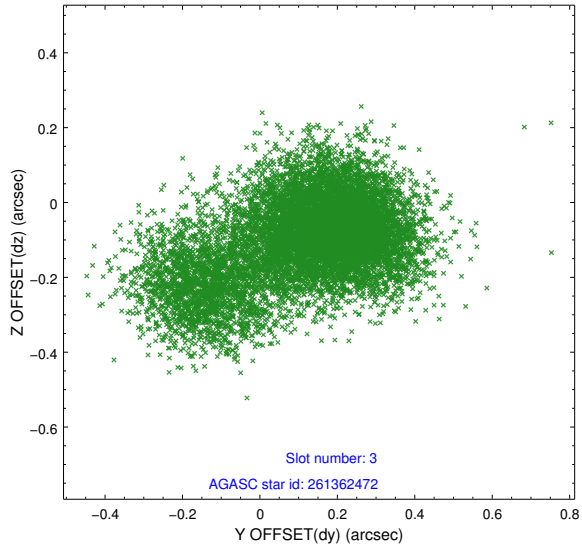


Slot Statistics

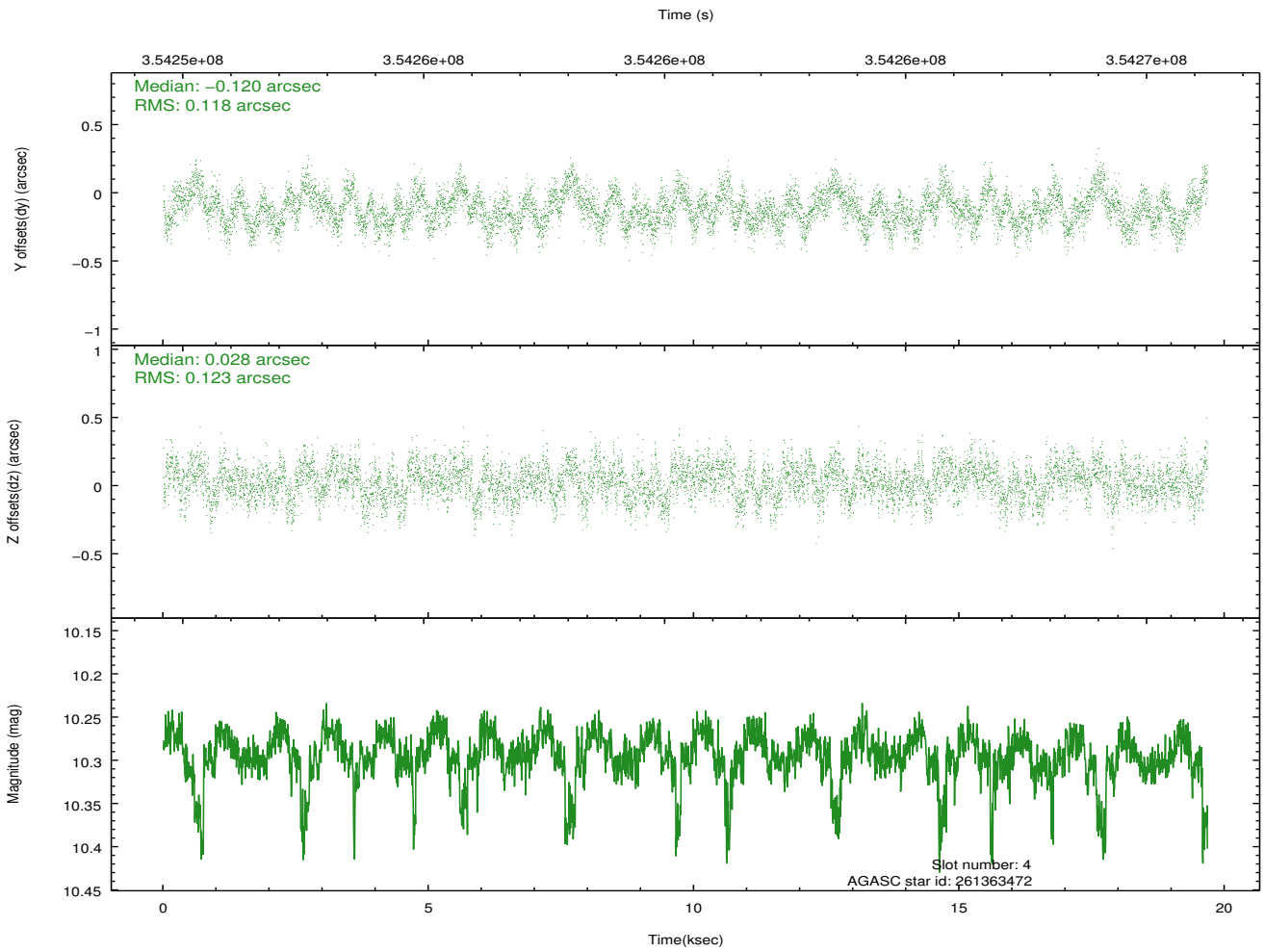
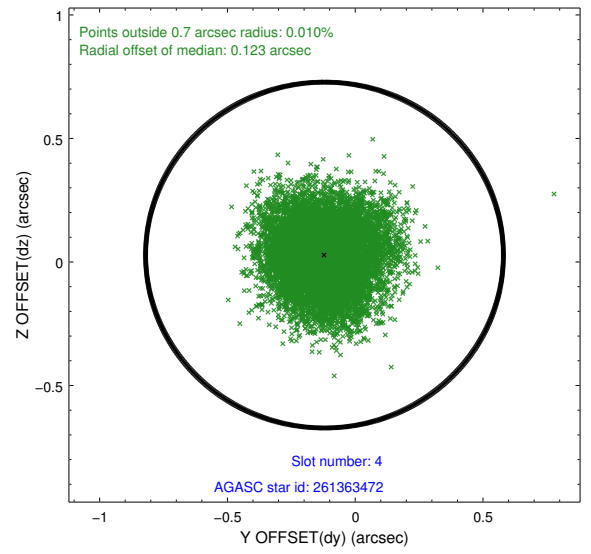
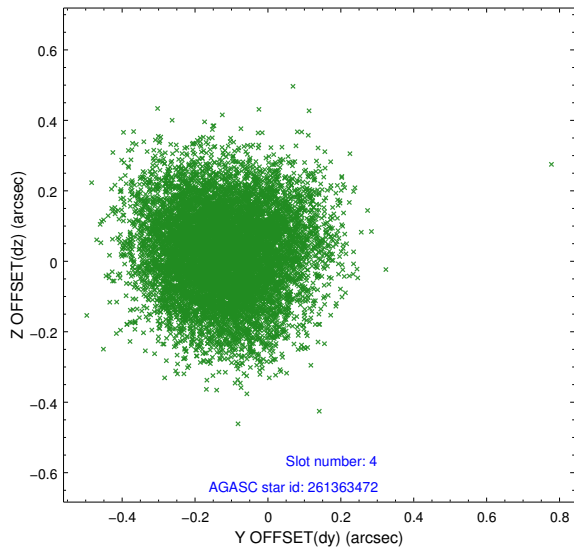
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	4798	-0.073	-0.023	0.008	0.014	0.000000	0.000000	-767.45	-1735.86
1	FID	ACIS-S-4	7.01	4799	0.177	0.042	0.006	0.011	0.000000	0.000000	2145.98	172.49
2	FID	ACIS-S-5	7.04	4799	-0.135	-0.010	0.008	0.015	0.000000	0.000000	-1820.11	166.32
3	GUIDE	261362472	10.24	9573	0.140	-0.097	0.206	0.389	199.093023	24.203784	-1690.40	584.67
4	GUIDE	261363472	10.29	9578	-0.120	0.028	0.184	0.291	198.998151	25.264521	861.15	-2272.89
5	GUIDE	261363528	9.06	9589	-0.138	-0.121	0.121	0.183	198.034313	24.608941	1960.74	1503.35
6	GUIDE	261364536	10.17	9575	0.193	0.196	0.192	0.319	199.577526	24.856641	-1530.68	-2246.20
7	GUIDE	261366432	9.66	9579	-0.035	0.003	0.129	0.208	197.983092	24.707811	2307.91	1318.14

2.4 Star Slots

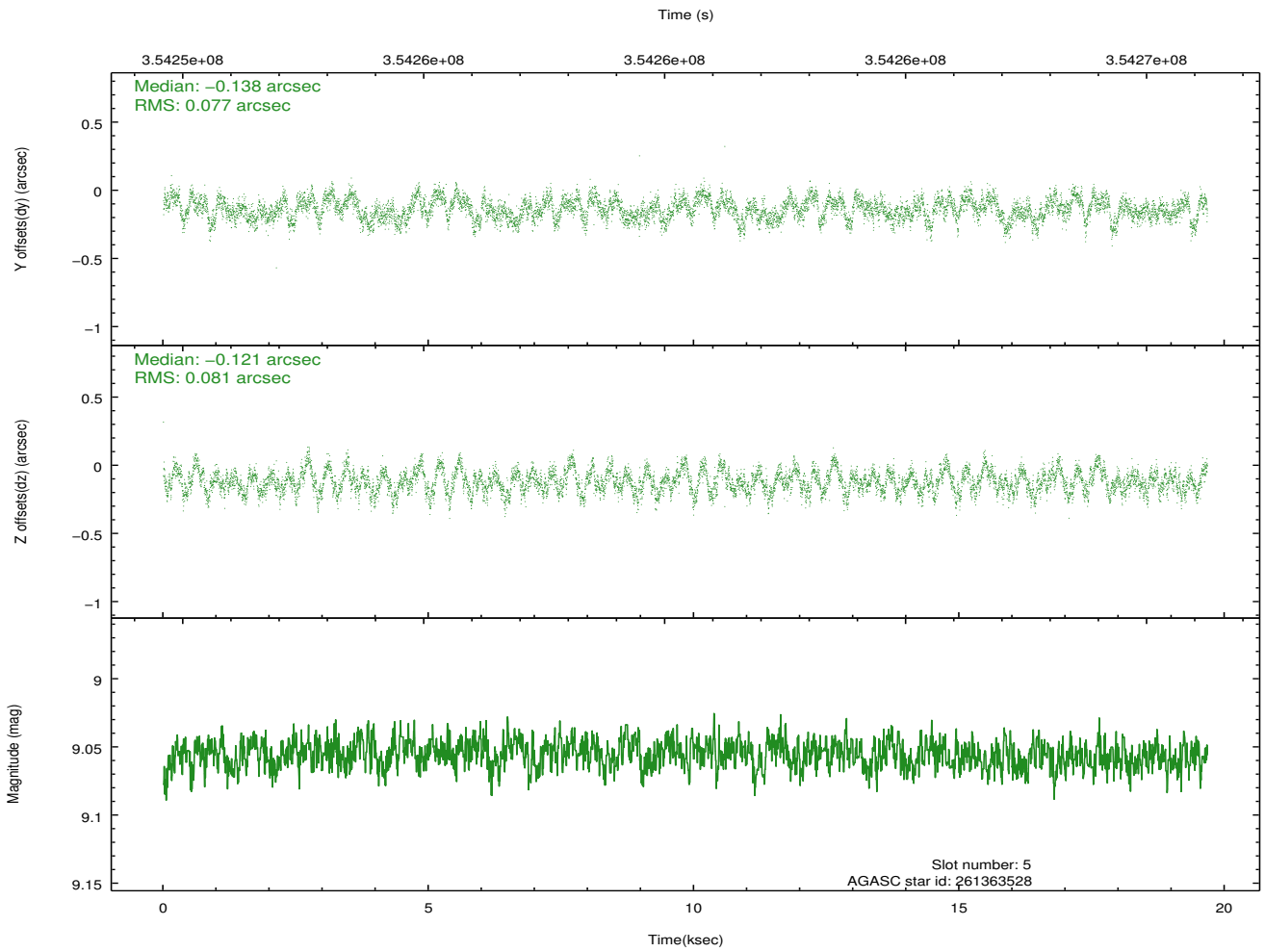
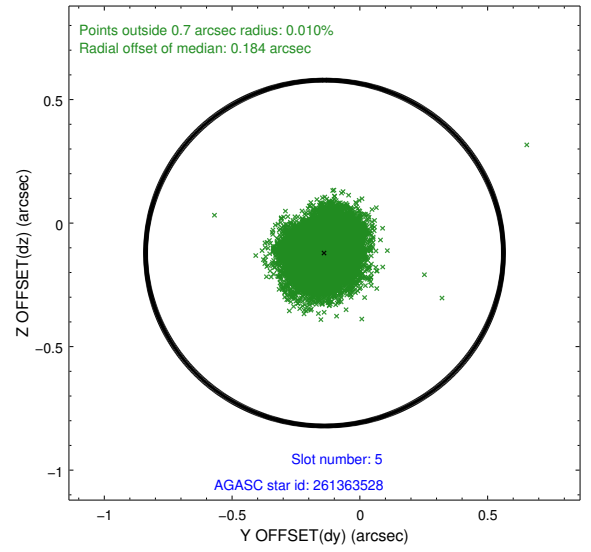
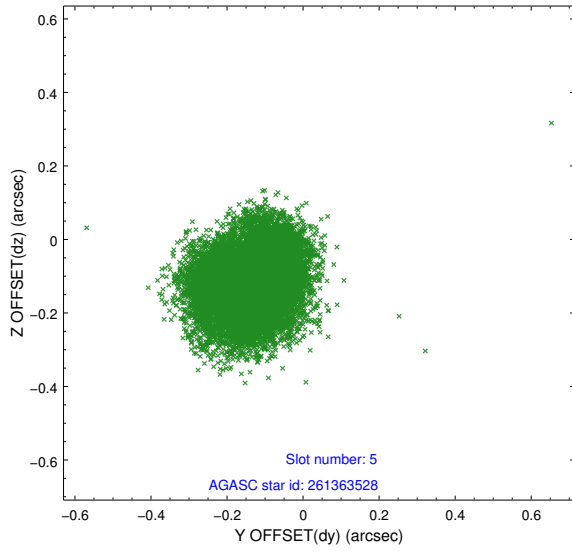
2.4.1 Slot 3



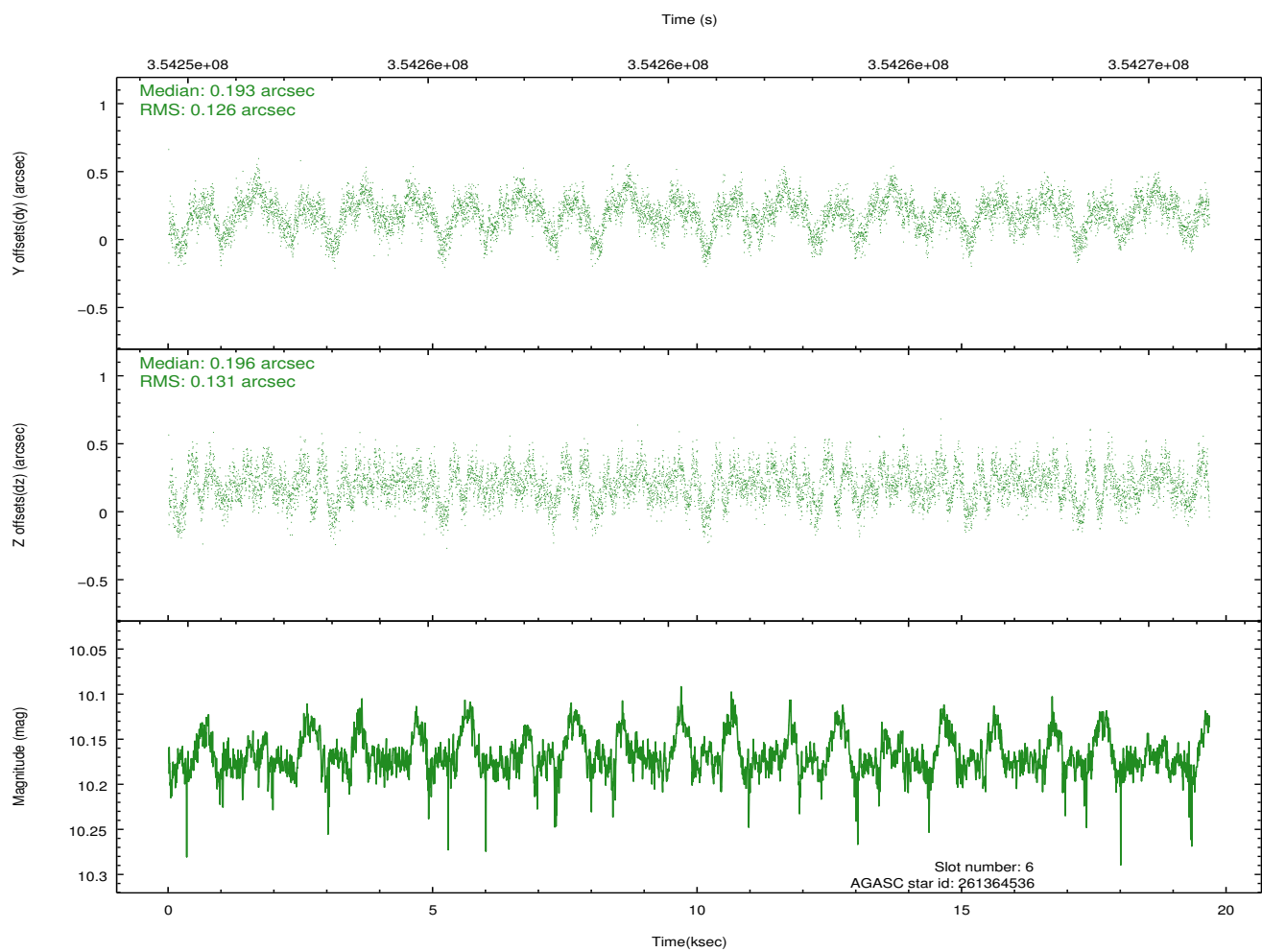
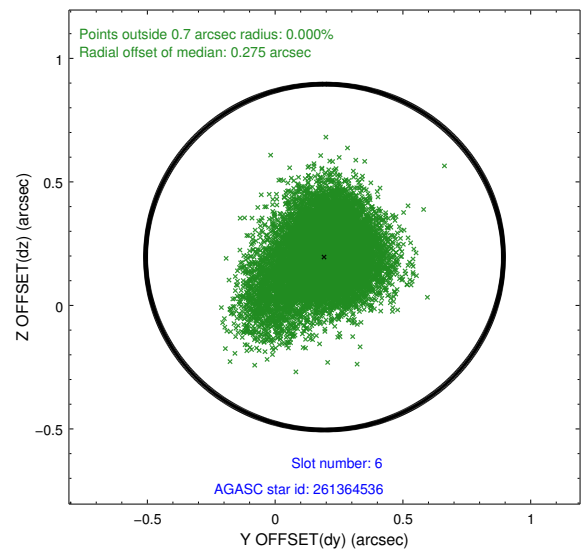
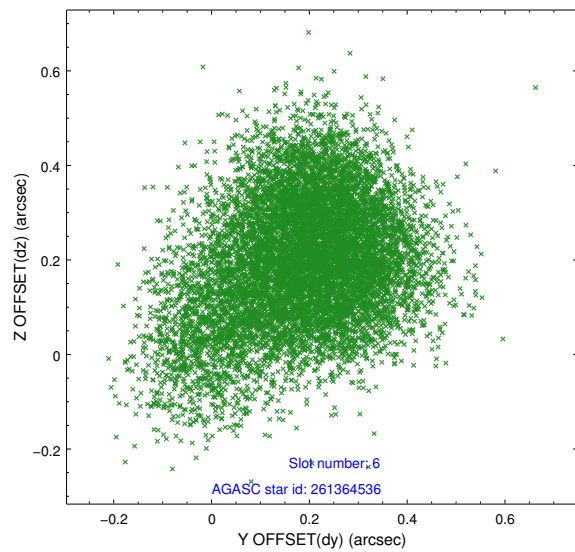
2.4.2 Slot 4



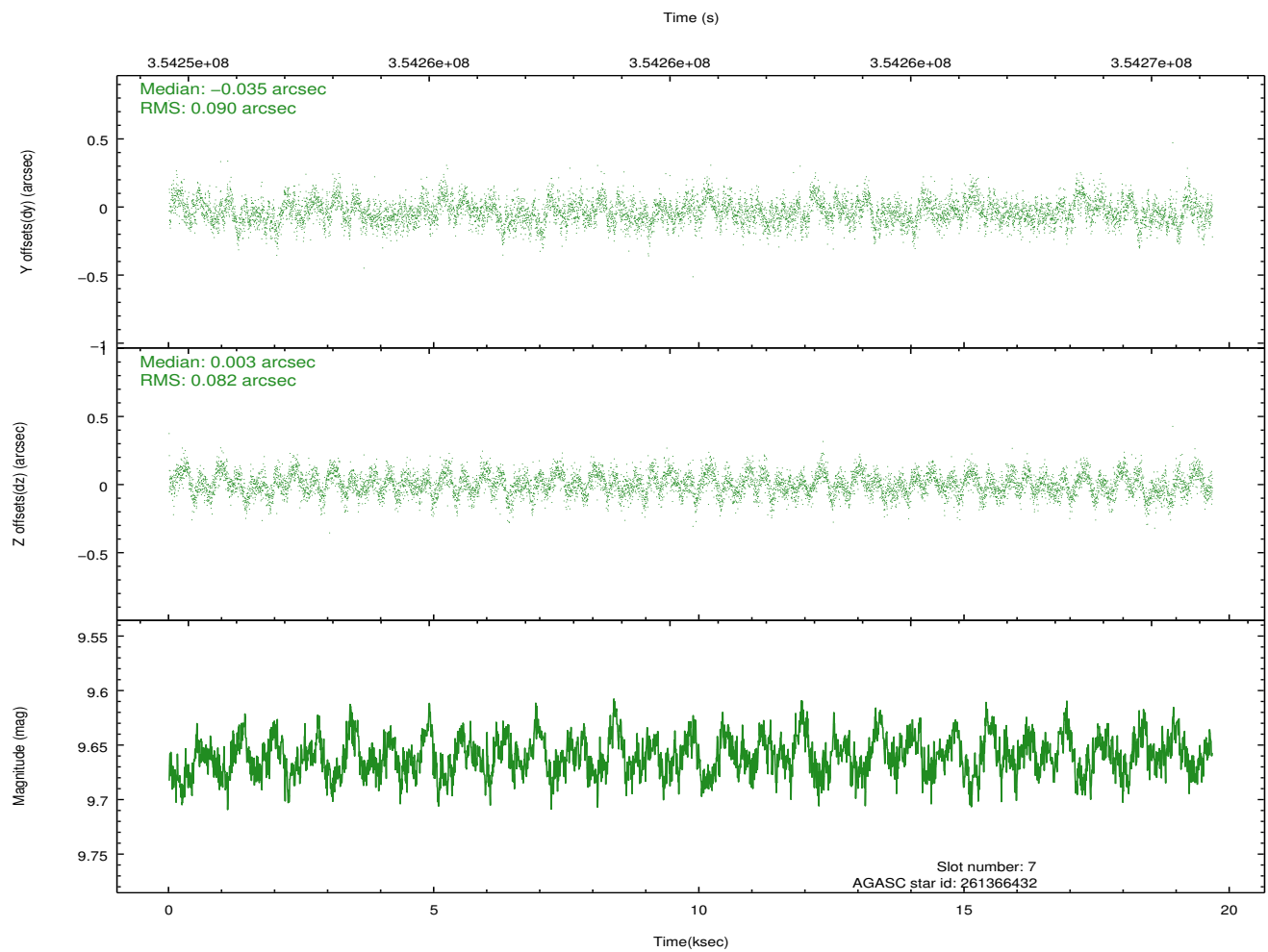
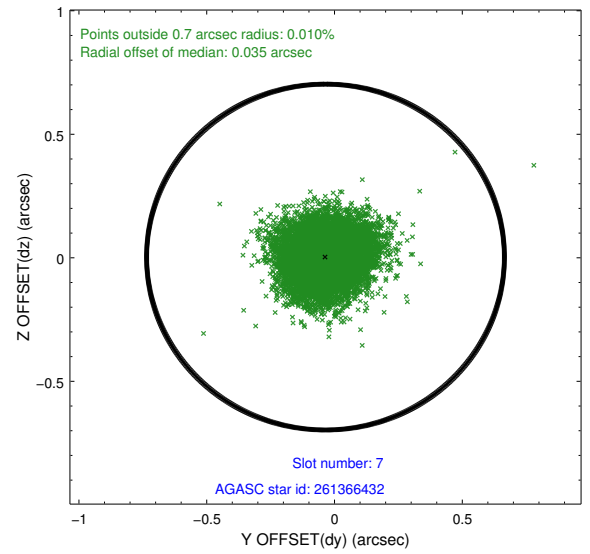
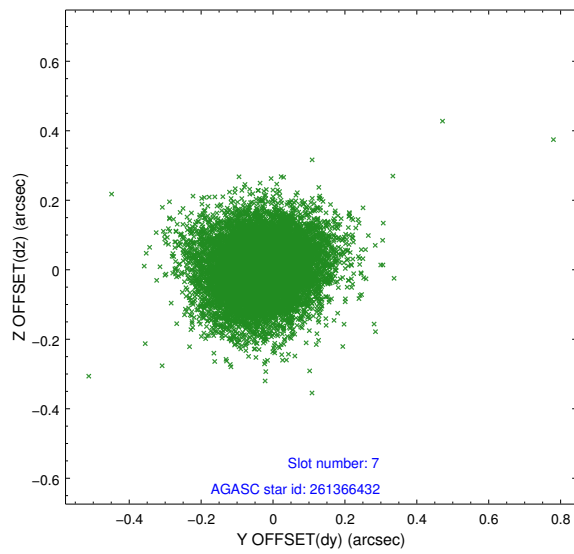
2.4.3 Slot 5



2.4.4 Slot 6

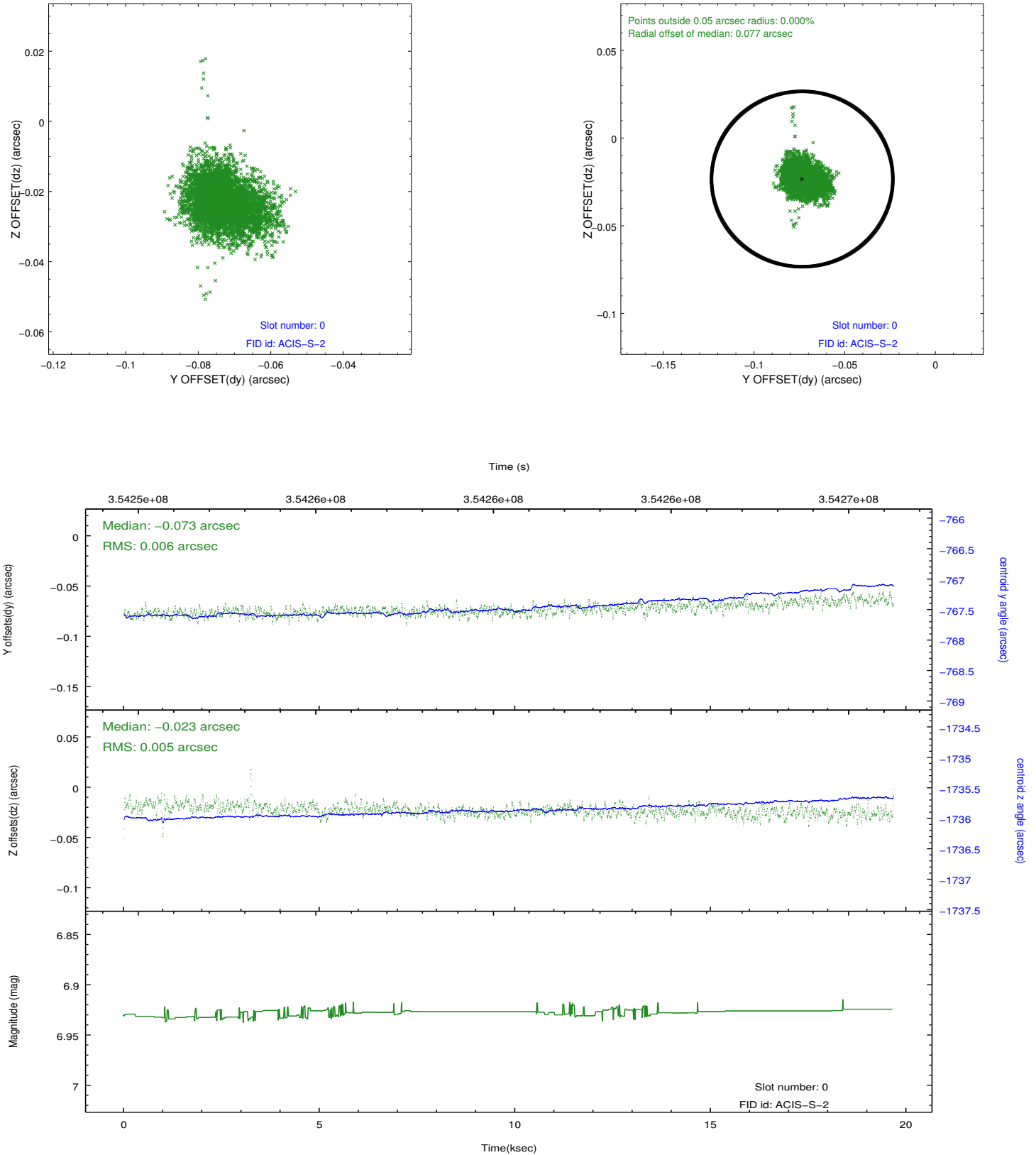


2.4.5 Slot 7

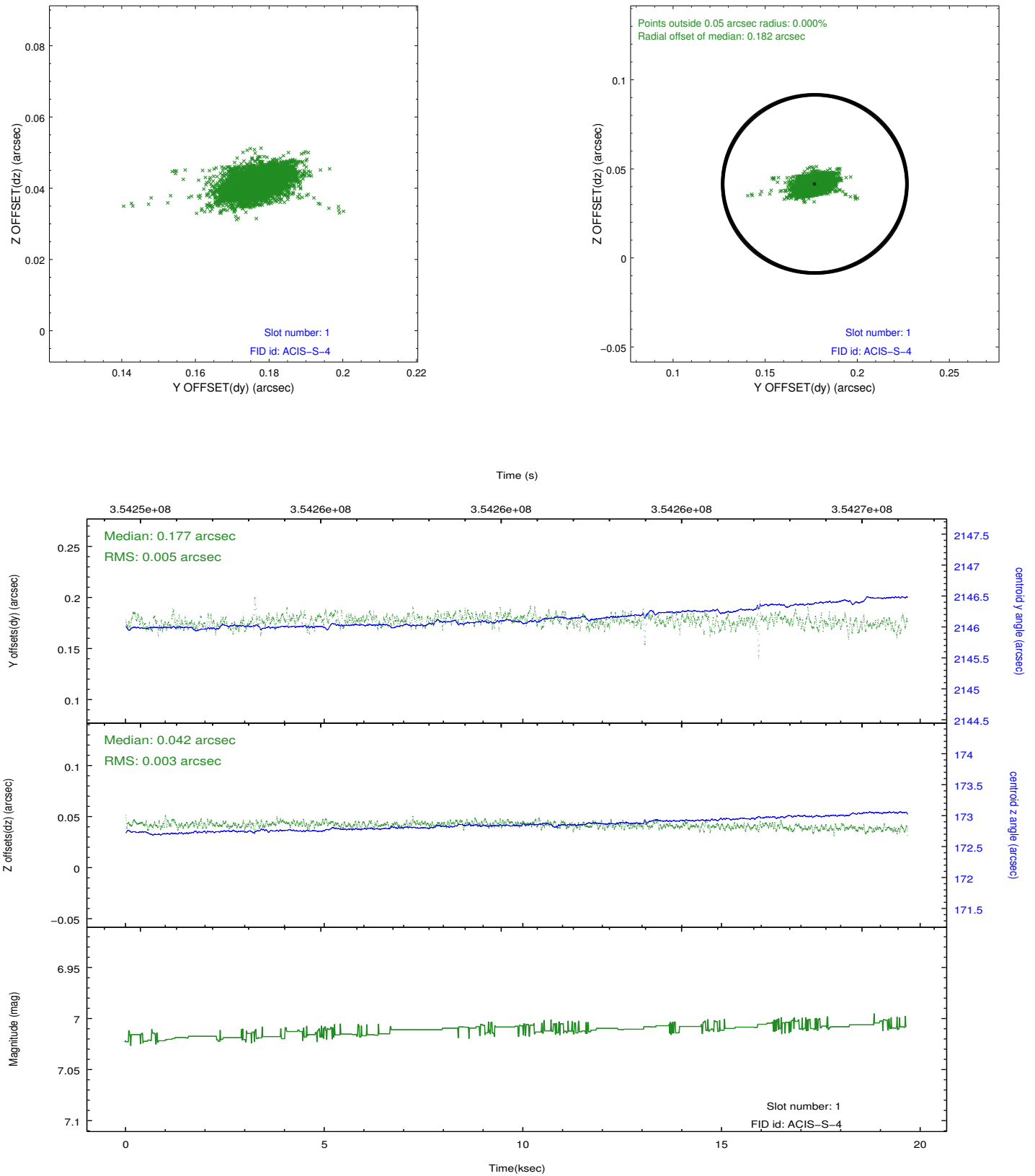


2.5 FID Slots

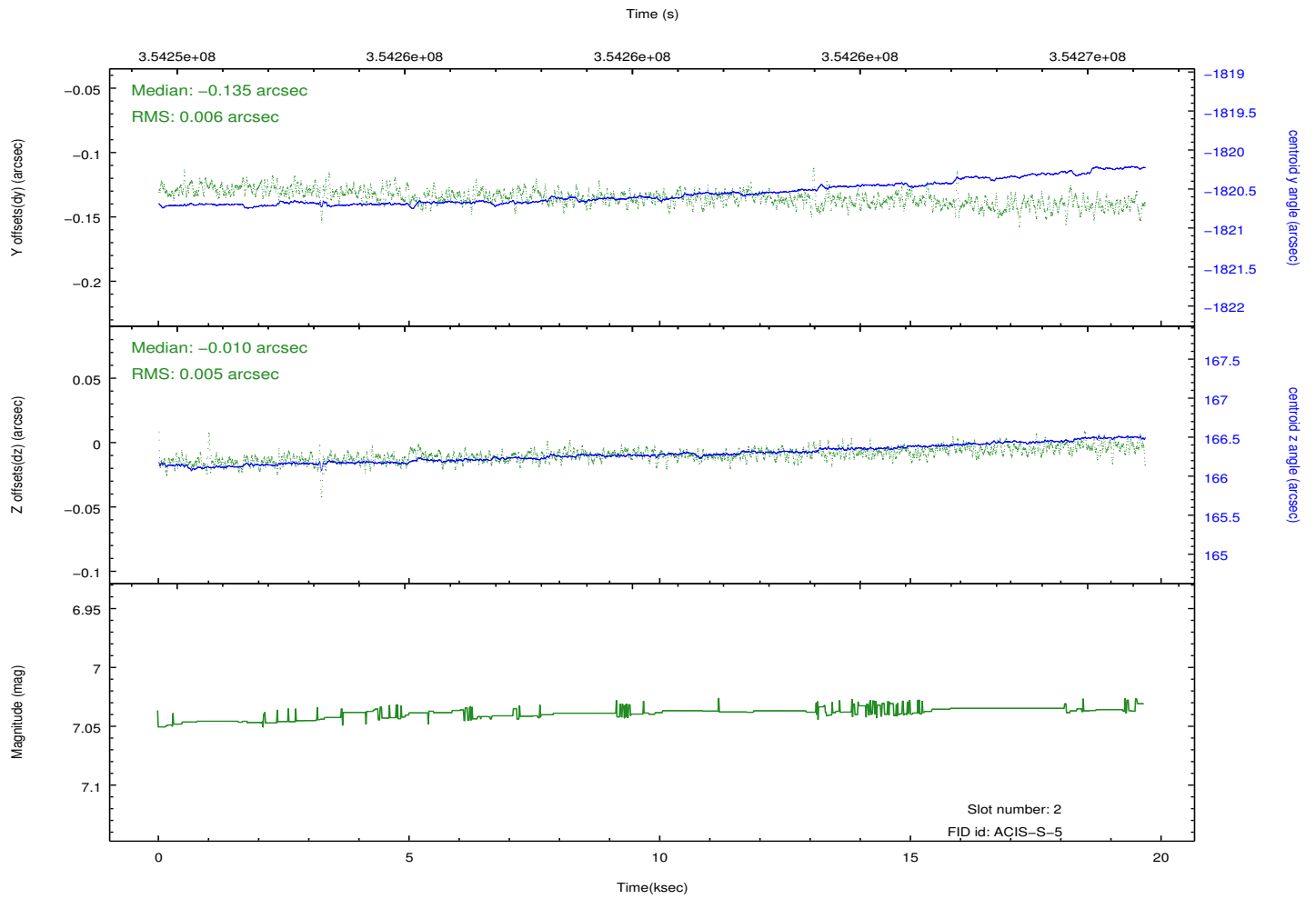
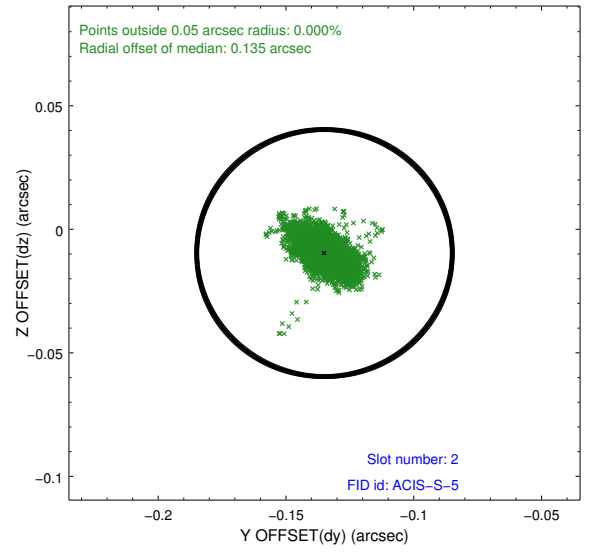
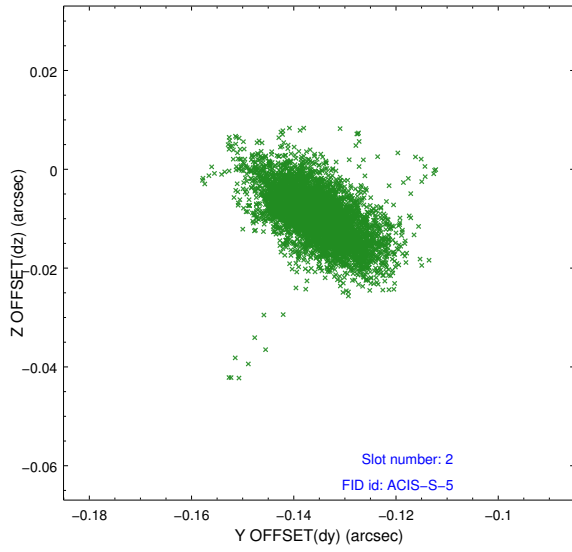
2.5.1 Slot 0



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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	19.6725

A.2 Comments