

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10049 - L2 Version 2
Chandra X-Ray Center

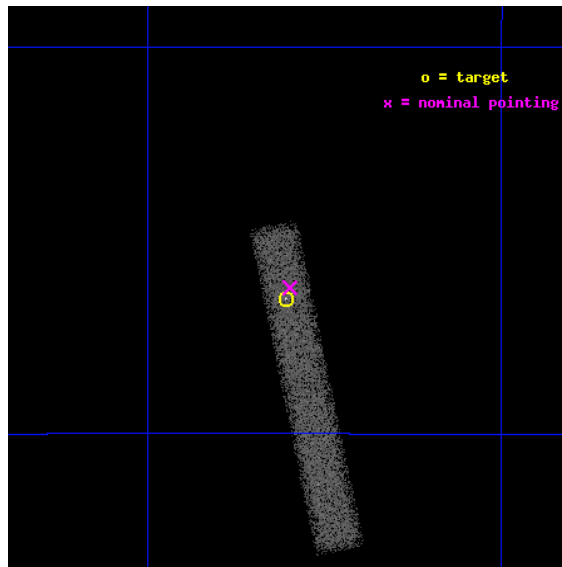
L2 Processing Date : Jun 1 2012

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1 Front

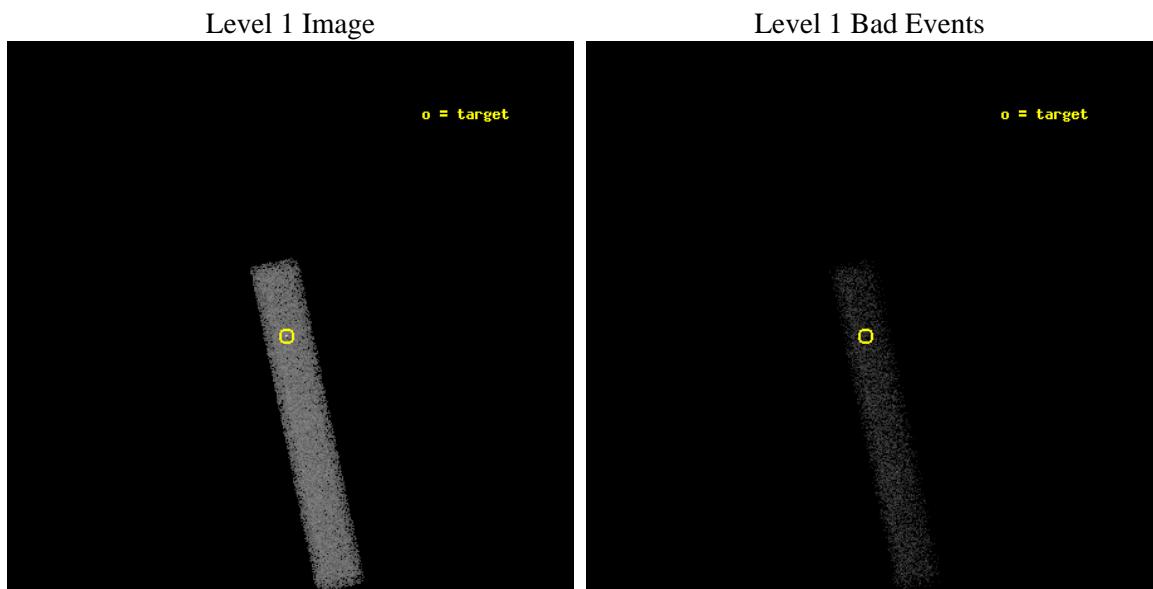
seq_num	401013	Sequence number
obs_id	10049	Observation id
title	Crust Cooling of HETE J1900.1-2455 and Swift J1626.6-5156	Proposal
observer	Dr Nathalie Degenaar	Principal investigator
object	Swift J1626.6-5156	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	246.652083	Observer's specified target RA [deg]
dec_targ	-51.941833	Observer's specified target Dec [deg]
ra_nom	246.64944088933	Nominal RA [deg]
dec_nom	-51.937258973642	Nominal Dec [deg]
roll_nom	78.150773177477	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20008.798807383	Sum of GTIs [s]
livetime	18146.924367298	Livetime [s]
ontime7	20008.798807383	Sum of GTIs [s]
l2events	18566	Number of level 2 events



2 OBI

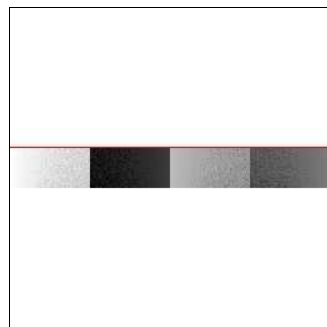
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	20000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	20008.798807383	Sum of GTIs [s]
caldbver	4.4.9	 	ontime7	20008.798807383	Sum of GTIs [s]
date	2012-06-01T23:54:25	Date and time of file creation	l1events	39920	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

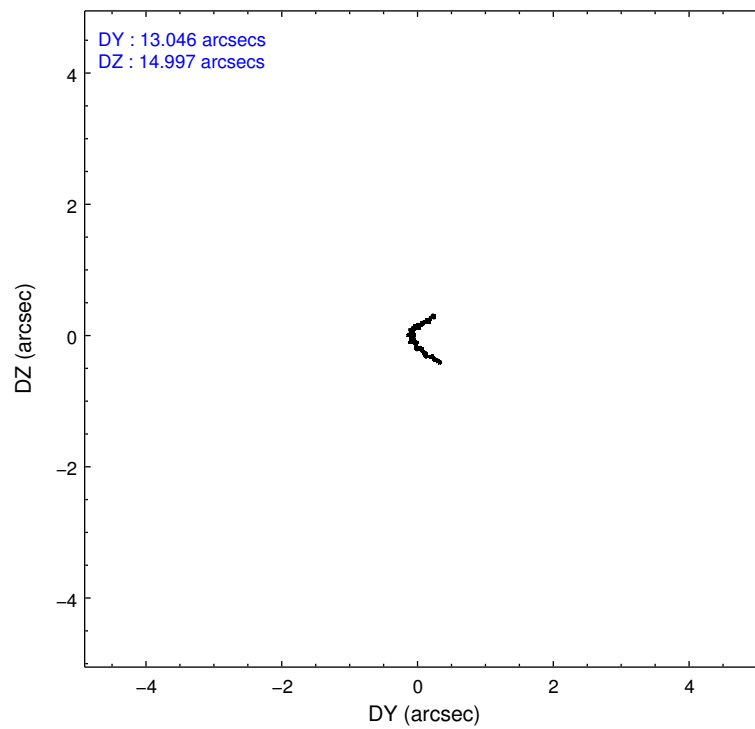
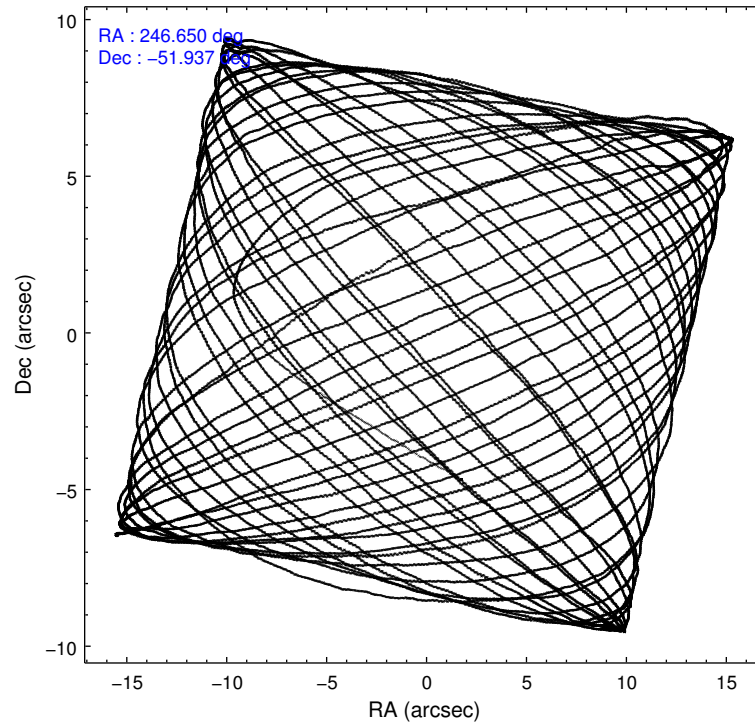
	ccd 7
level 1 events	39920
rejected events	20668
rejected %	51%

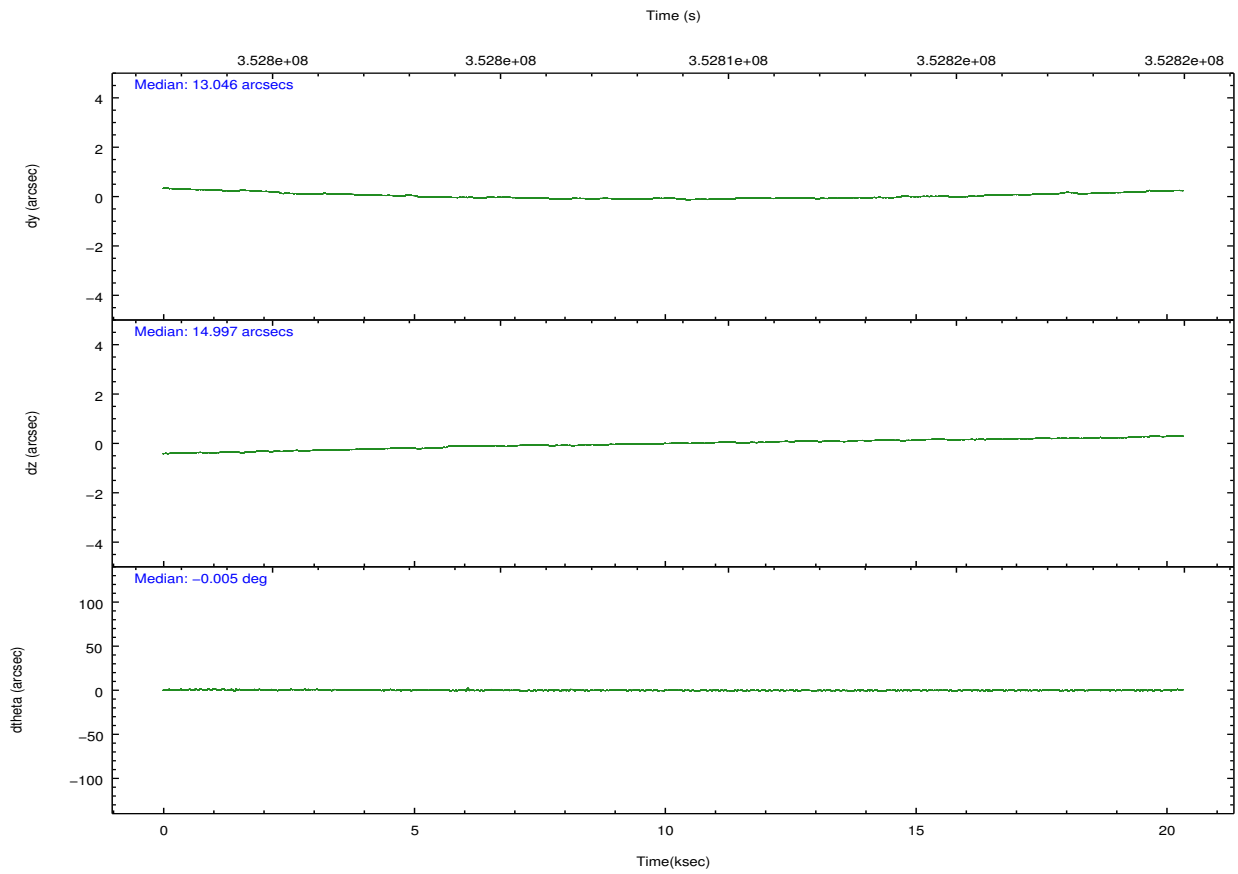
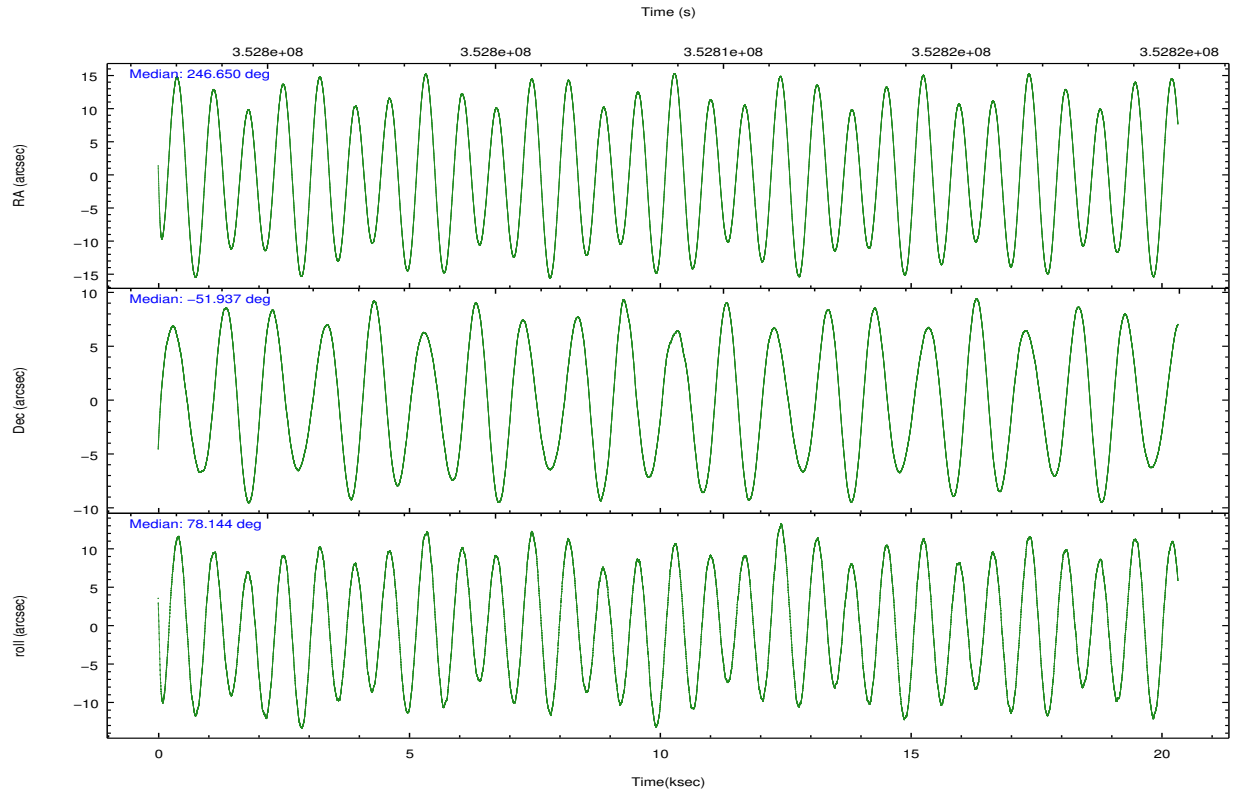
	ccd 7
grade 0 events	2082
	5%
grade 1 events	57
	0%
grade 2 events	3844
	9%
grade 3 events	2397
	6%
grade 4 events	2259
	5%
grade 5 events	3704
	9%
grade 6 events	8670
	21%
grade 7 events	16907
	42%

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	246.663814	246.6494408893303	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-51.963143	-51.93725897364173	Subarray start row	449	449
[deg] Pointing Roll	78.005461	78.15077317747736	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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	352798942.184000	352797744.76477			
Observation start date	2009-03-07T07:41:16	2009-03-07T07:22:24			
[s] Observation end time (MET)	352818942.184000	352820124.61588			
Observation end date	2009-03-07T13:14:36	2009-03-07T13:35:24			
Read mode	TIMED	TIMED			

2.3 Aspect



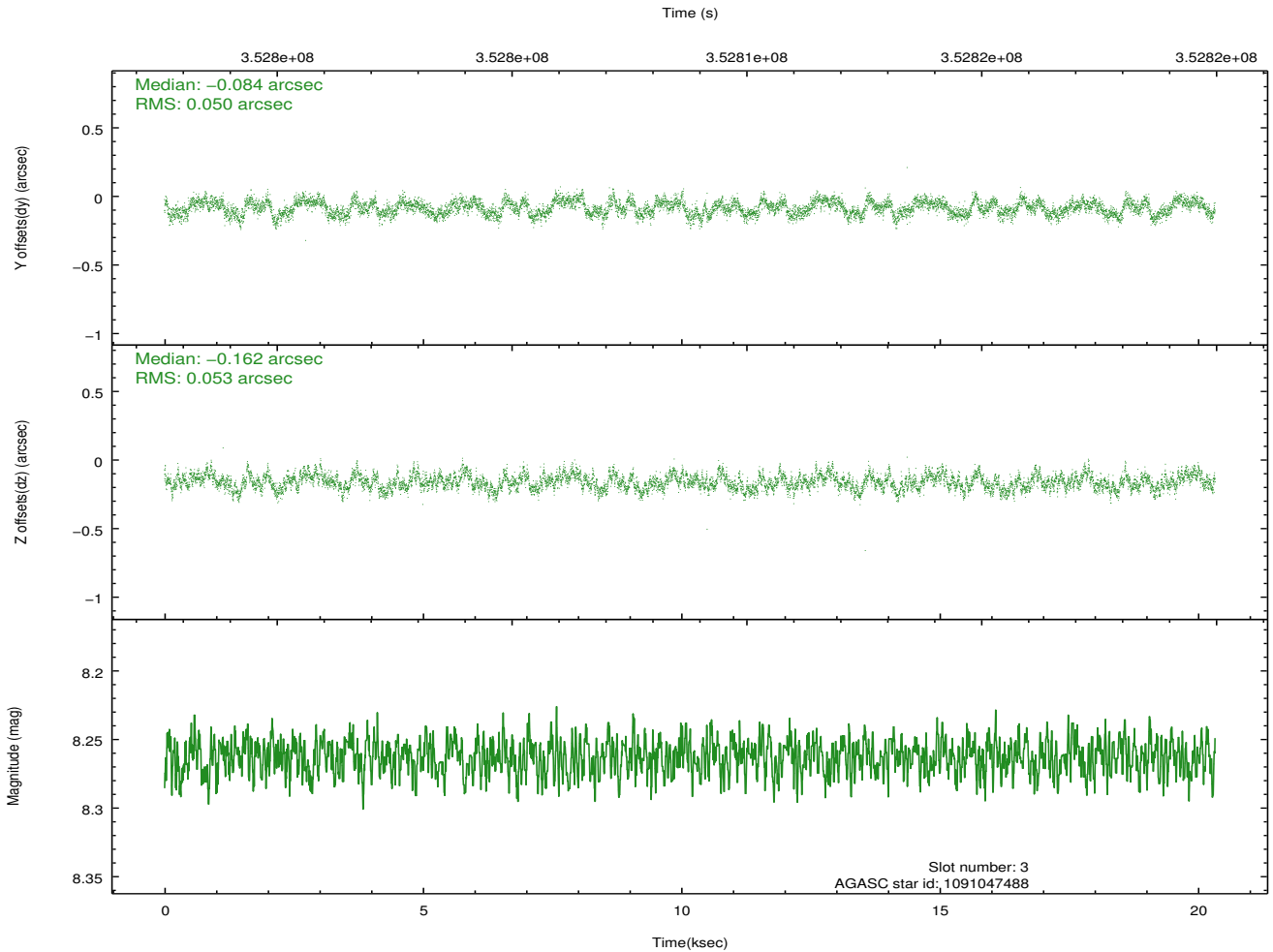
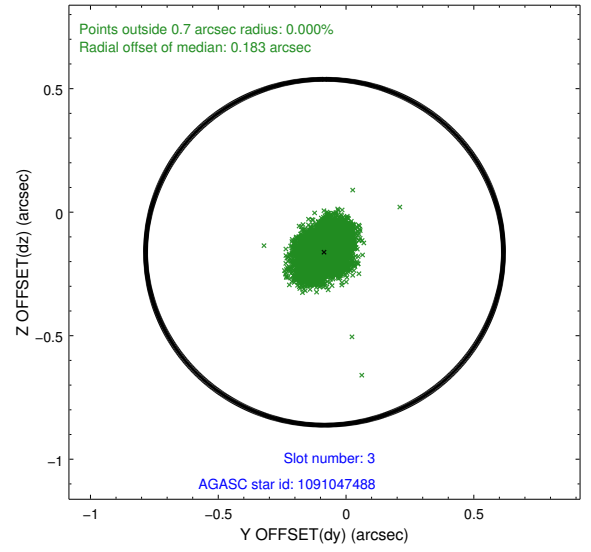
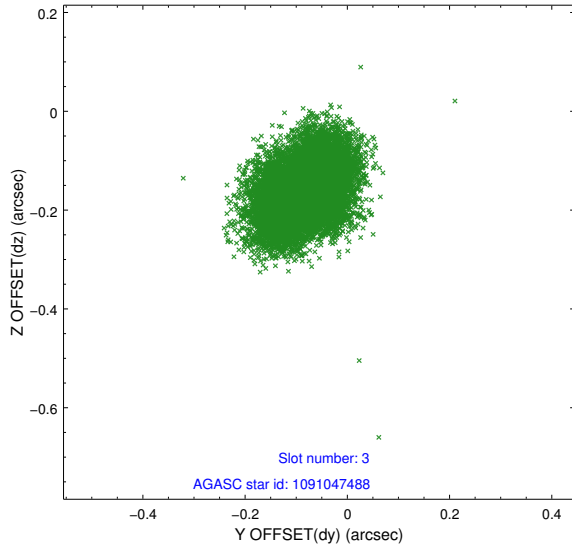


Slot Statistics

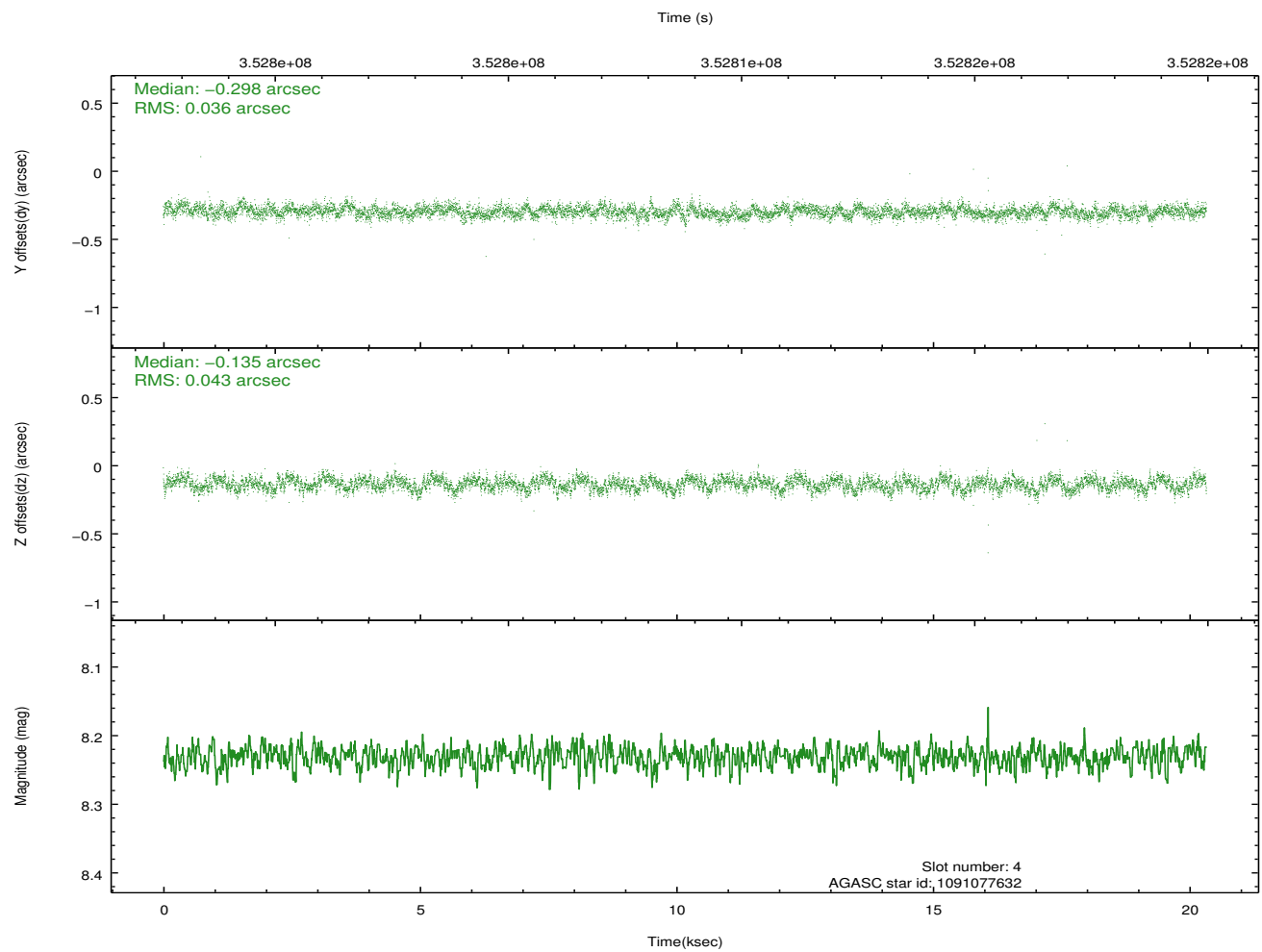
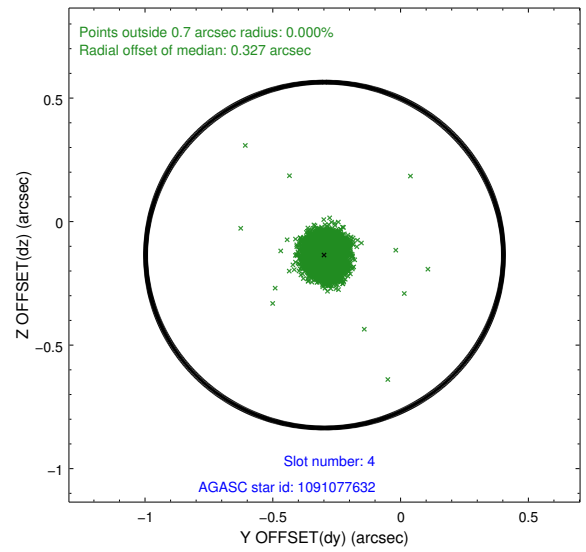
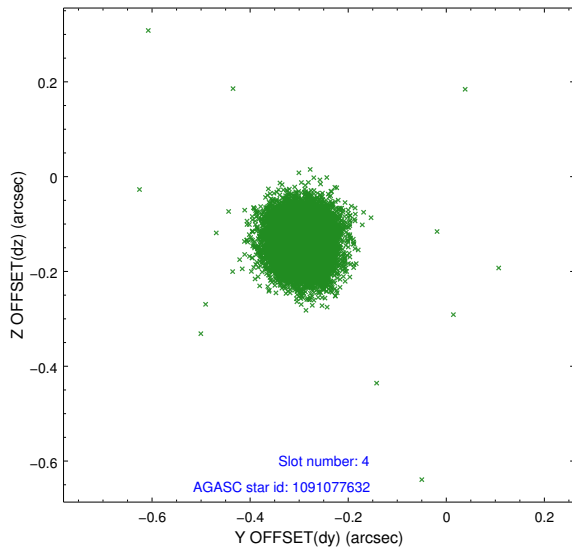
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	4959	-0.049	-0.013	0.007	0.012	0.000000	0.000000	-766.02	-1736.38
1	FID	ACIS-S-4	7.01	4958	0.158	0.027	0.007	0.015	0.000000	0.000000	2147.35	172.00
2	FID	ACIS-S-5	7.04	4959	-0.140	-0.006	0.008	0.015	0.000000	0.000000	-1818.75	165.78
3	GUIDE	1091047488	8.26	9911	-0.084	-0.162	0.078	0.124	245.852833	-51.997400	-504.30	1730.52
4	GUIDE	1091077632	8.23	9916	-0.298	-0.135	0.059	0.093	246.332364	-51.536413	1346.33	1045.30
5	GUIDE	1092748000	7.48	9917	0.033	0.242	0.057	0.091	247.565646	-52.440842	-1282.54	-2295.42
6	GUIDE	1141904792	8.52	9912	0.173	0.280	0.076	0.122	247.440395	-52.654922	-2092.69	-2178.18
7	GUIDE	1091045576	9.20	9896	0.175	-0.222	0.088	0.142	245.673756	-52.354757	-1846.41	1832.89

2.4 Star Slots

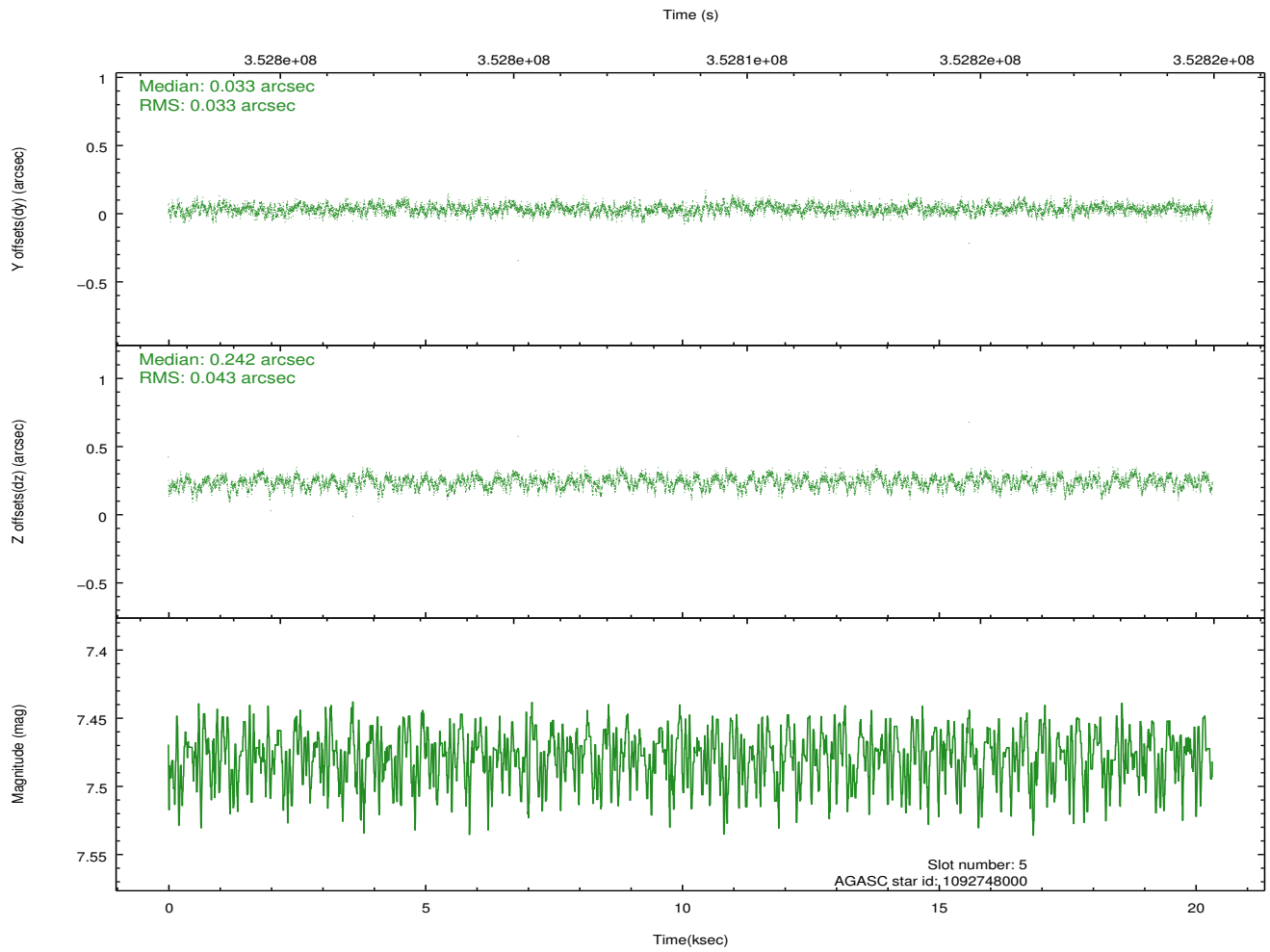
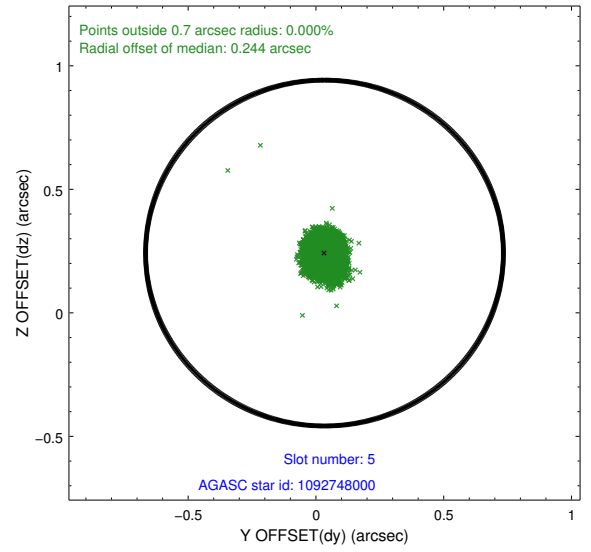
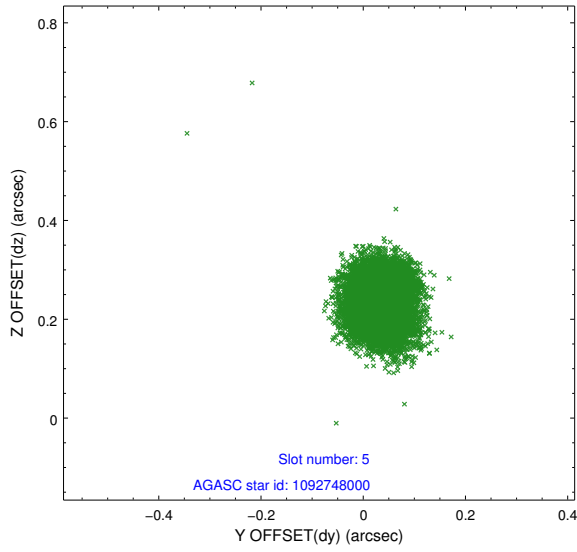
2.4.1 Slot 3



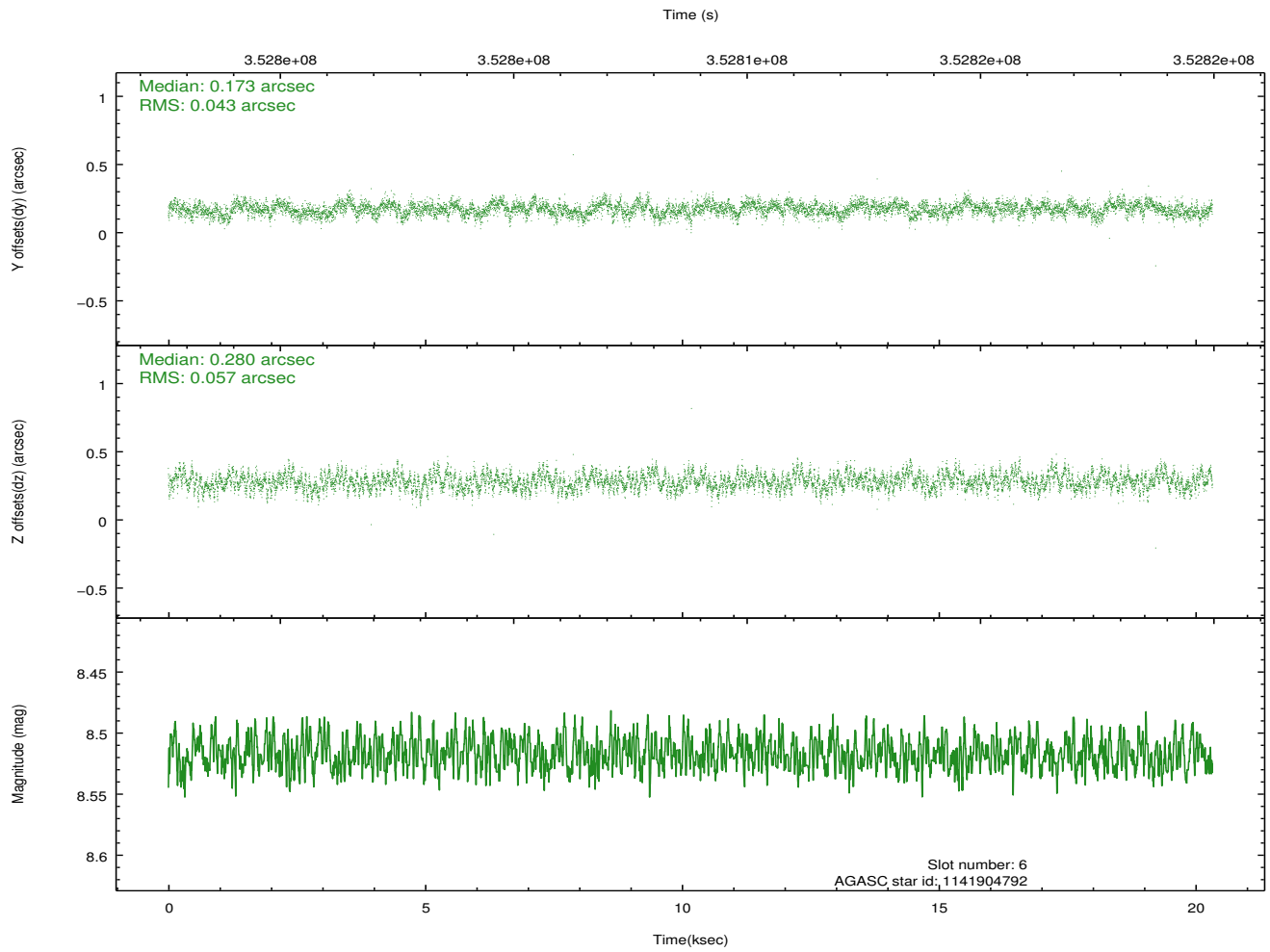
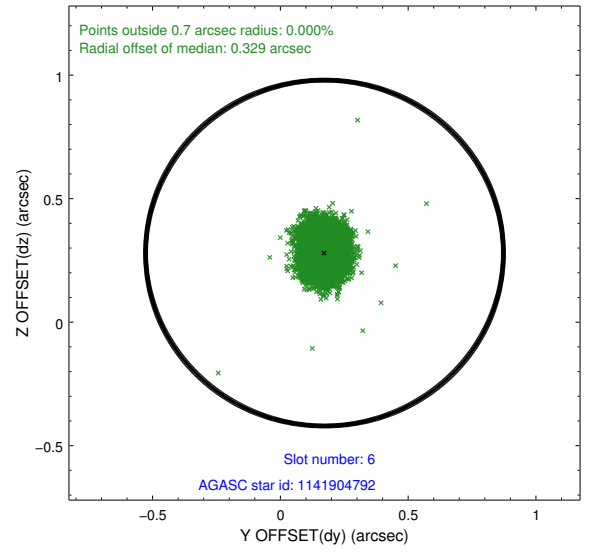
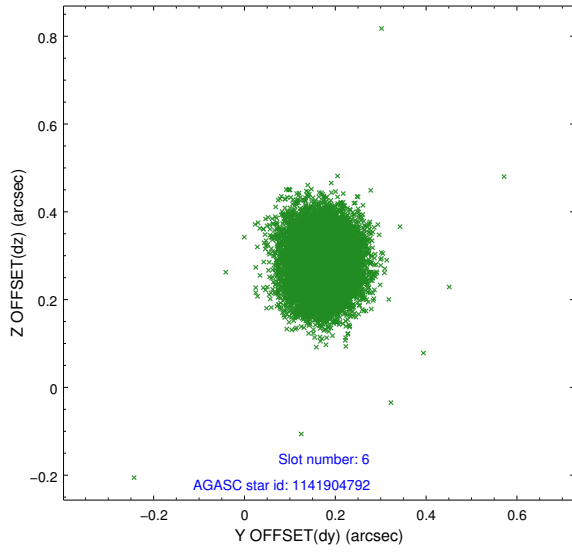
2.4.2 Slot 4



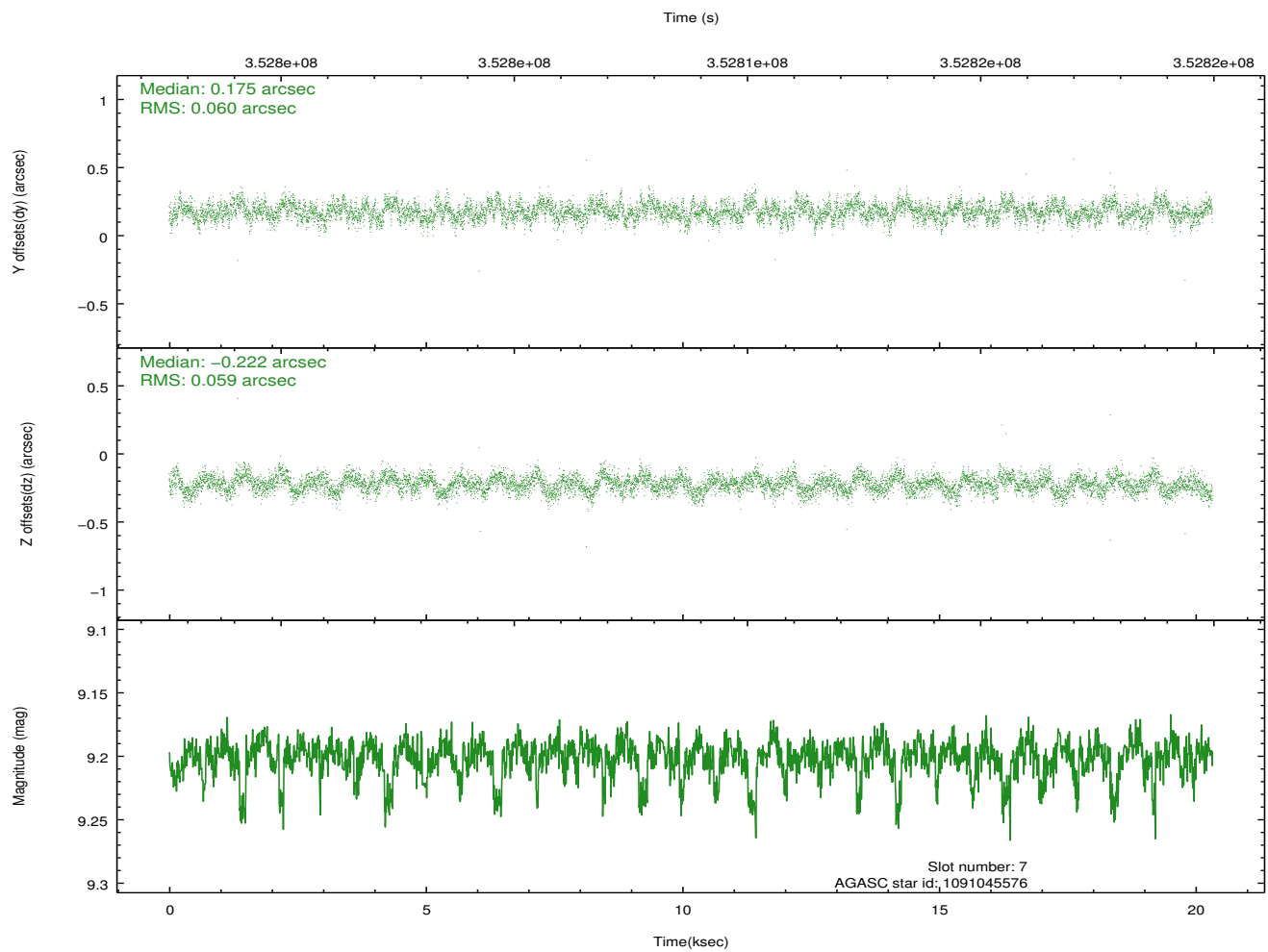
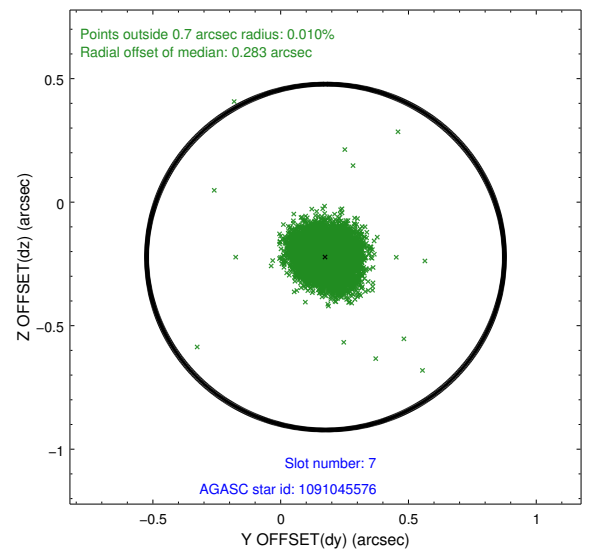
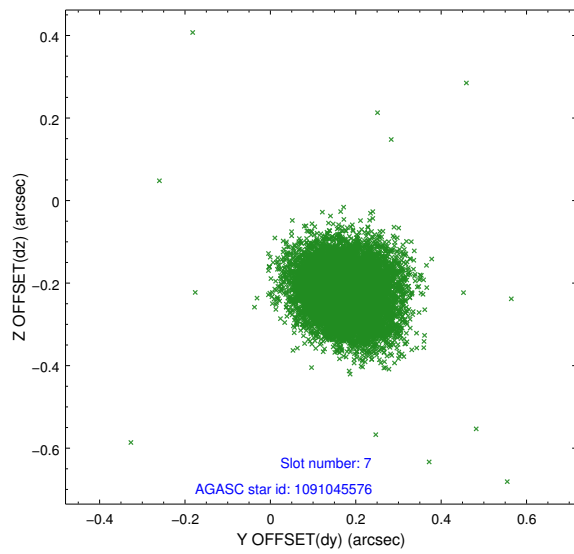
2.4.3 Slot 5



2.4.4 Slot 6

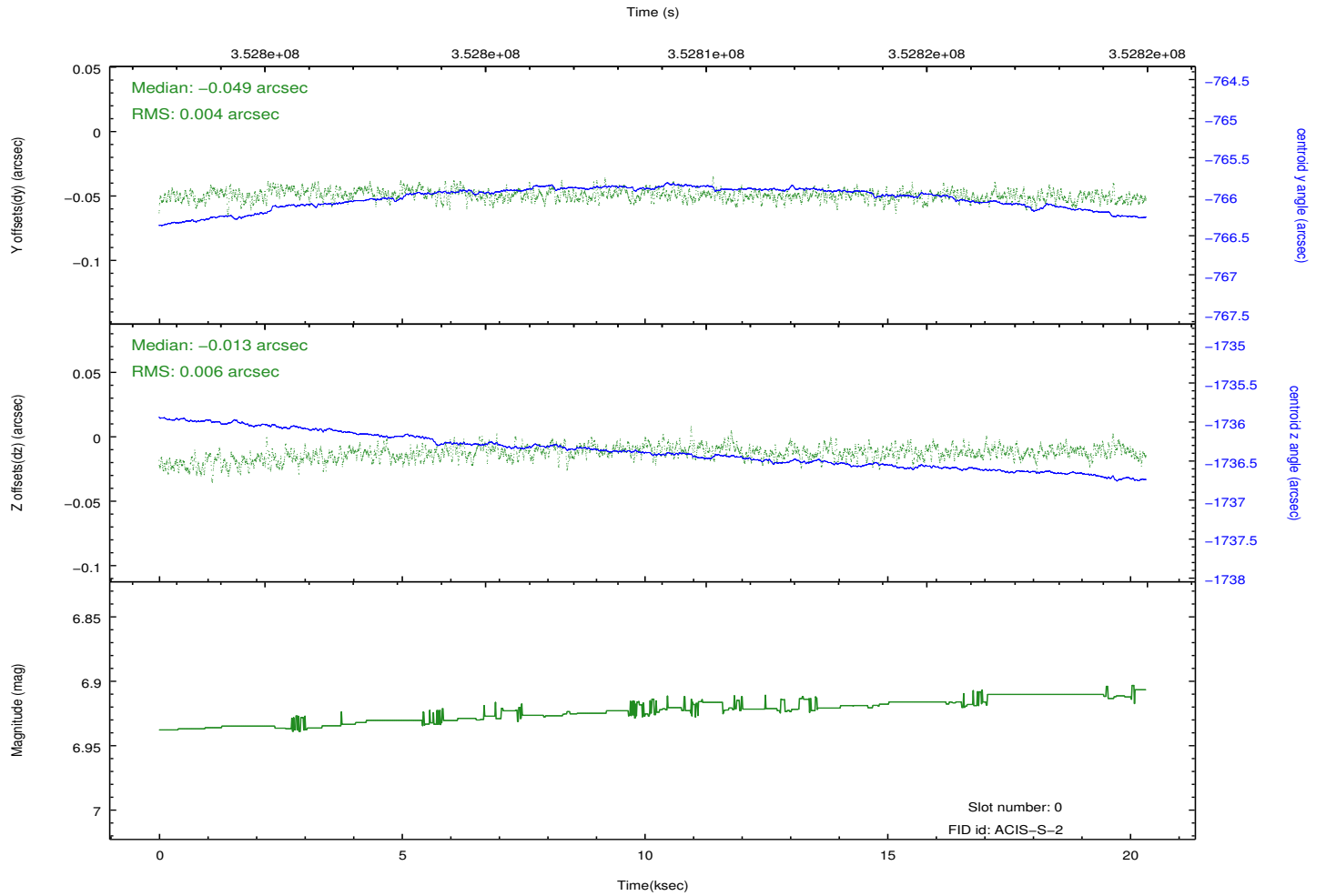
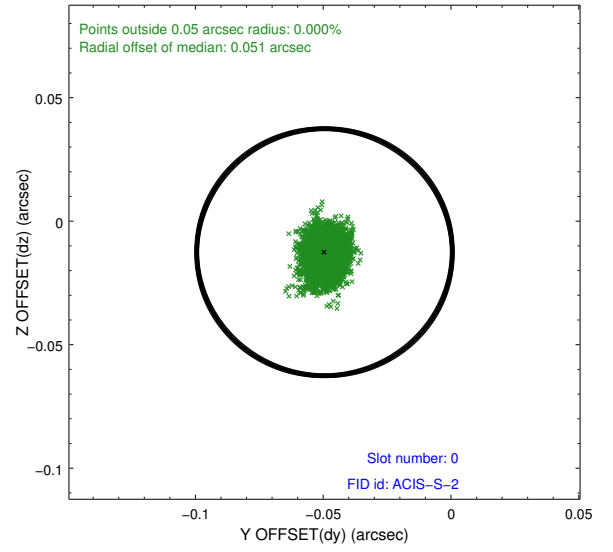
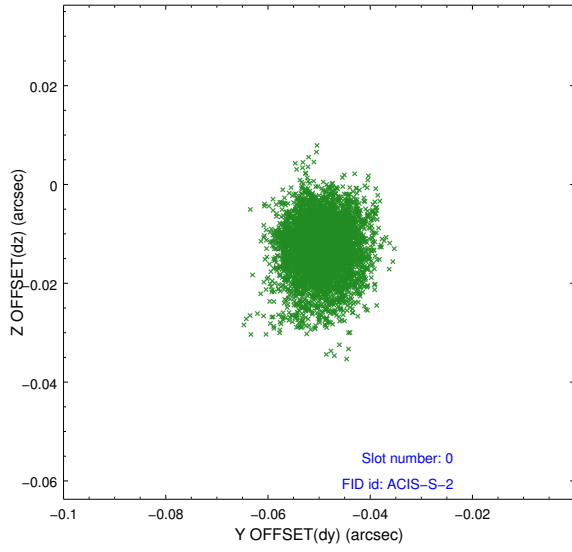


2.4.5 Slot 7

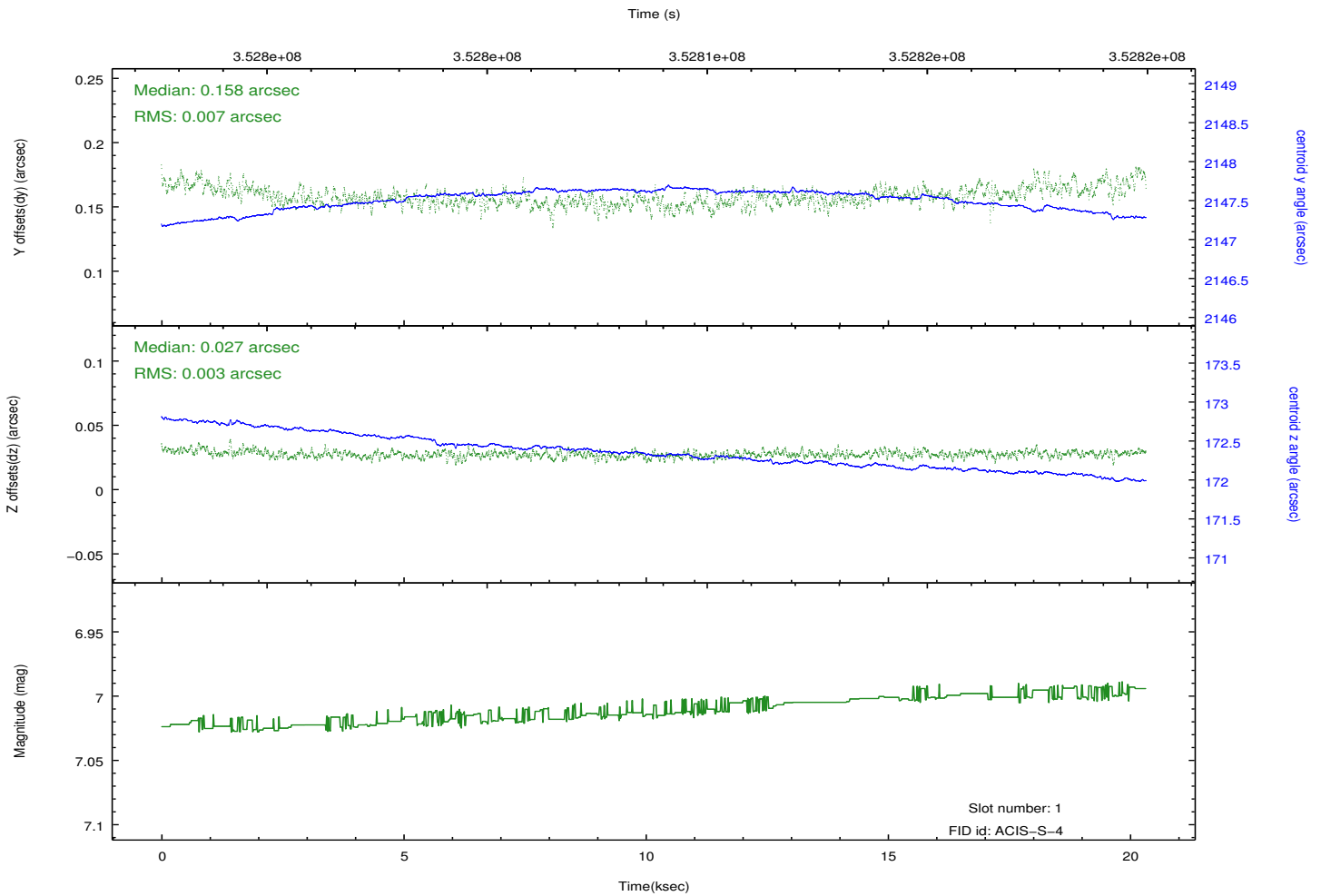
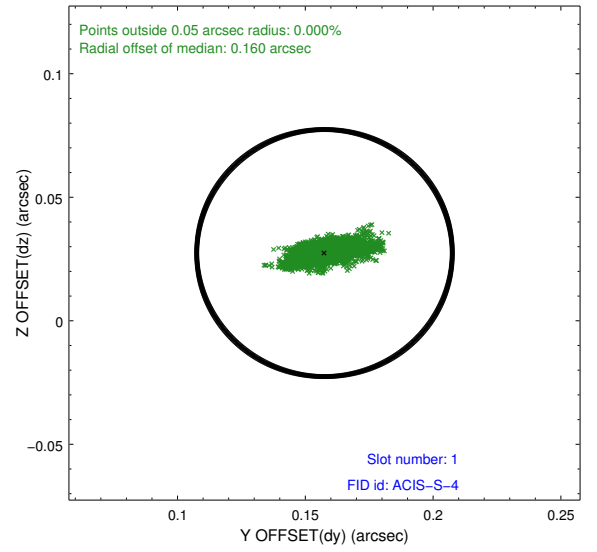
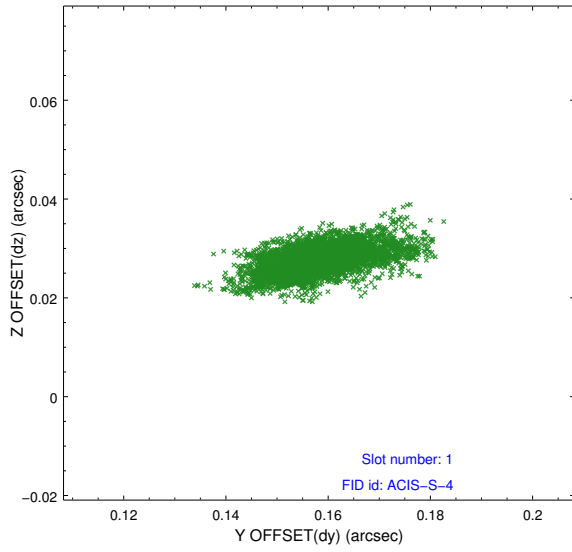


2.5 FID Slots

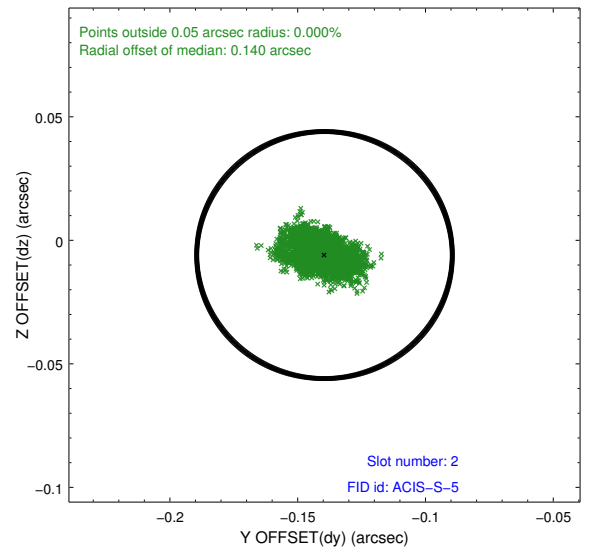
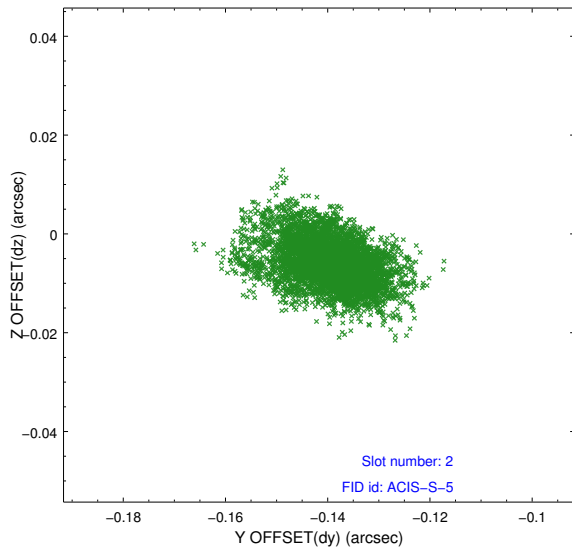
2.5.1 Slot 0



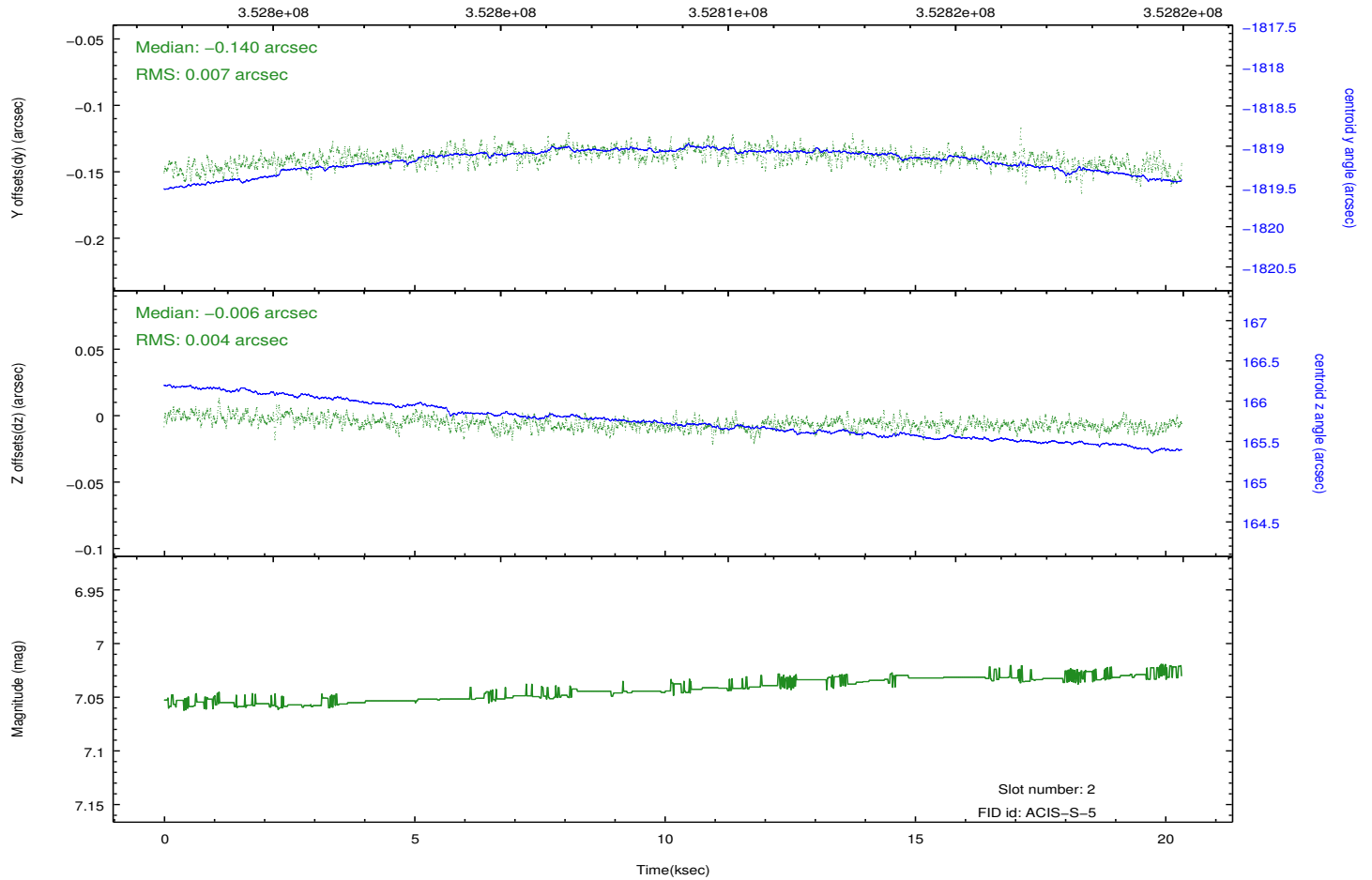
2.5.2 Slot 1



2.5.3 Slot 2



Time (s)



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.0091988

A.2 Comments