

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 10807 - L2 Version 2
Chandra X-Ray Center

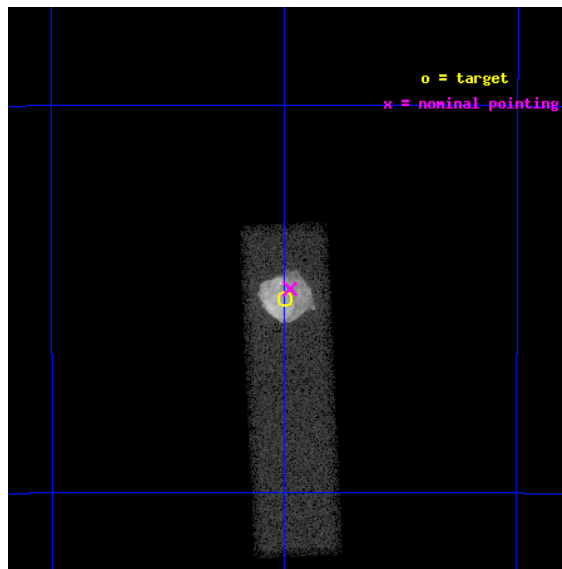
L2 Processing Date : Jun 13 2012

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1 Front

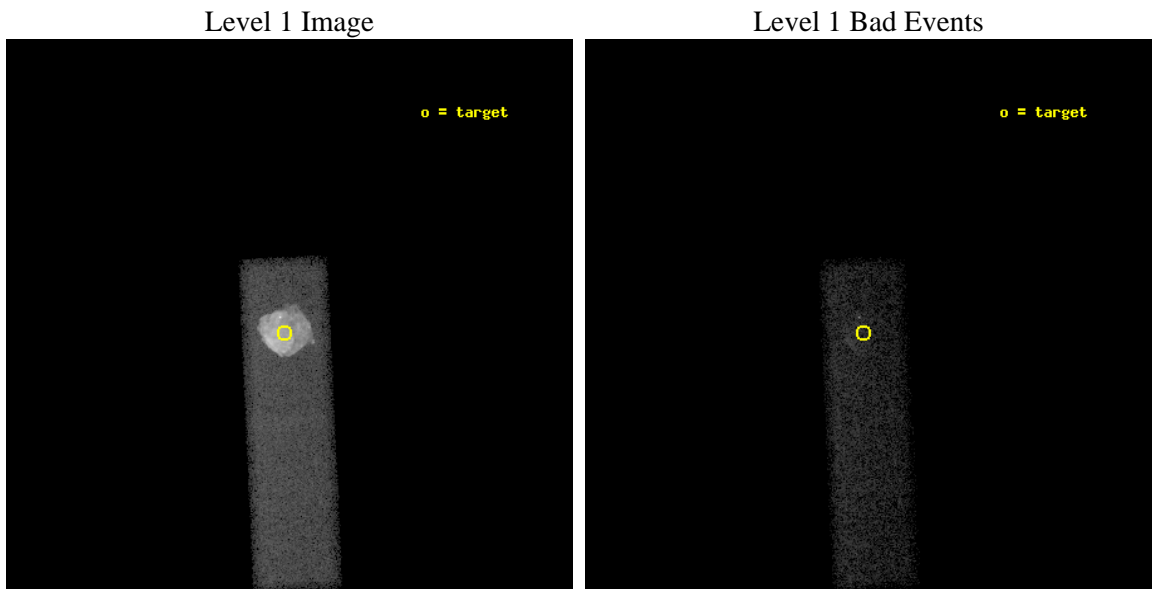
seq_num	501050	Sequence number
obs_id	10807	Observation id
title	A Deep Chandra Observation of Supernova Remnant N49 in the LMC	Pro
observer	DR. Sangwook Park	Principal investigator
object	N49	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	81.5	Observer's specified target RA [deg]
dec_targ	-66.083333	Observer's specified target Dec [deg]
ra_nom	81.494202117273	Nominal RA [deg]
dec_nom	-66.079116000144	Nominal Dec [deg]
roll_nom	87.351330971883	Nominal Roll [deg]
revision	2	Processing version of data
ontime	27316.800407112	Sum of GTIs [s]
livetime	25983.82993162	Livetime [s]
ontime7	27316.800407112	Sum of GTIs [s]
l2events	206628	Number of level 2 events



2 OBI

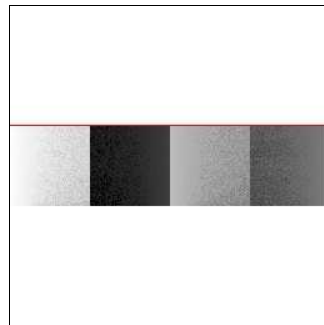
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	27290.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	27316.800407112	Sum of GTIs [s]
caldbver	4.4.10	 	ontime7	27316.800407112	Sum of GTIs [s]
date	2012-06-13T18:57:00	Date and time of file creation	l1events	267781	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

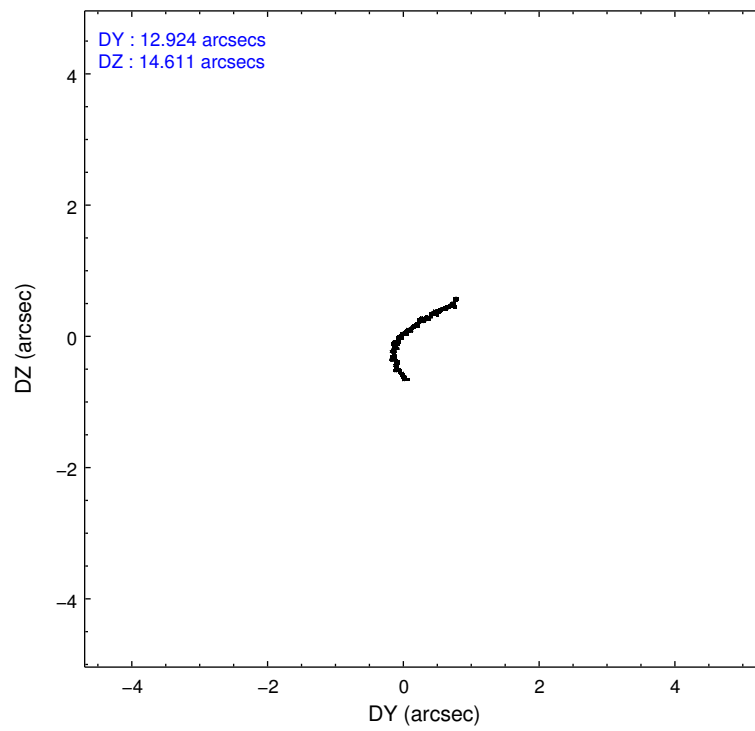
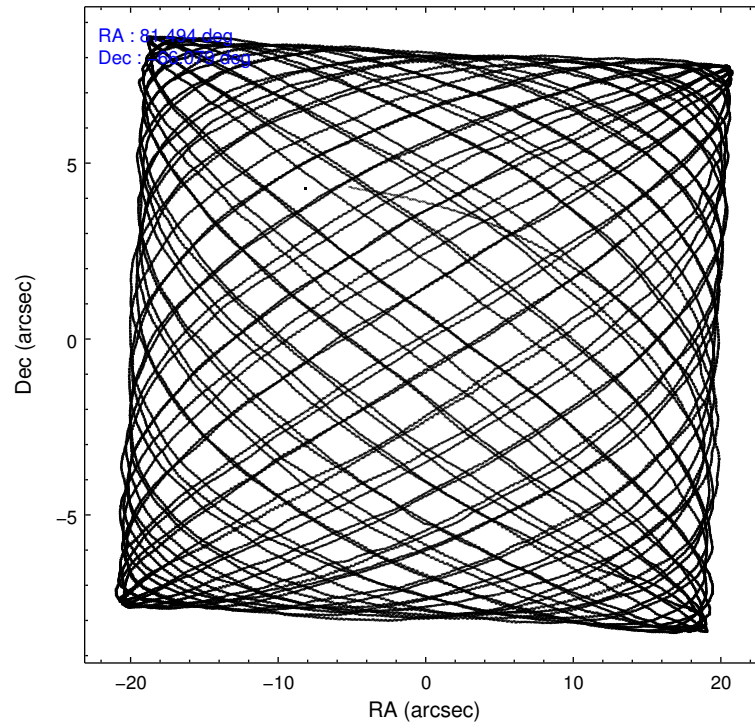
	ccd 7
level 1 events	267781
rejected events	56718
rejected %	21%

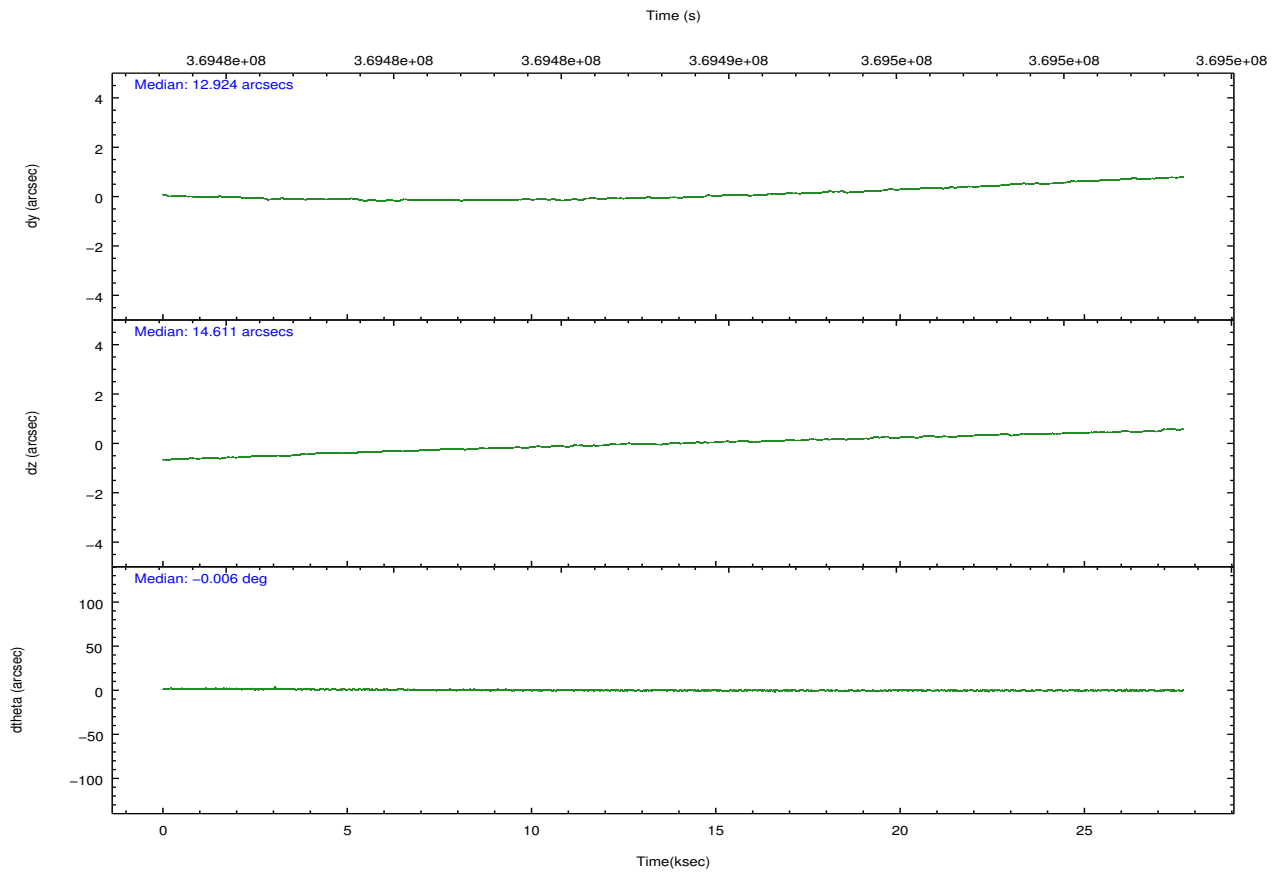
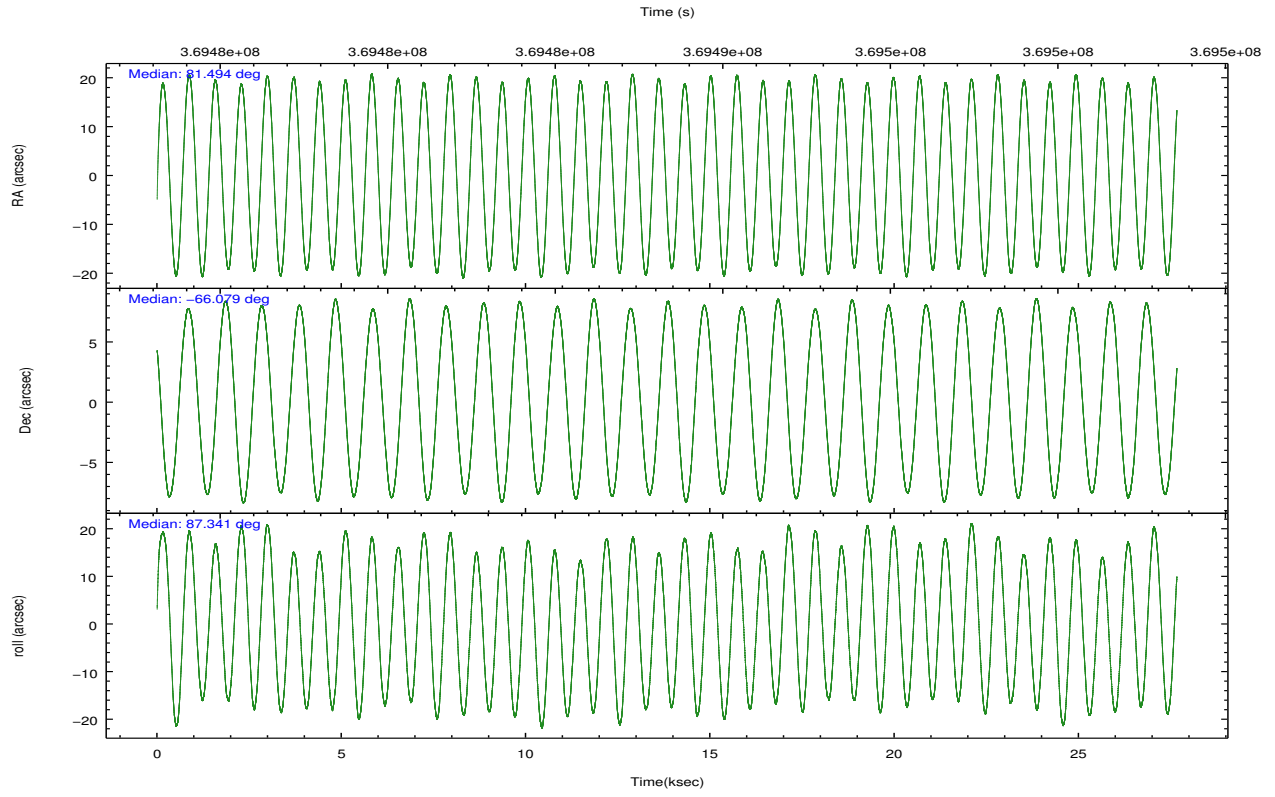
	ccd 7
grade 0 events	58206
	21%
grade 1 events	229
	0%
grade 2 events	54369
	20%
grade 3 events	25110
	9%
grade 4 events	24552
	9%
grade 5 events	10625
	3%
grade 6 events	48832
	18%
grade 7 events	45858
	17%

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	81.526018	81.49420211727301	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-66.103205	-66.07911600014417	Subarray start row	385	385
[deg] Pointing Roll	87.223788	87.3513309718835	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	369474880.184000	369473627.93472			
Observation start date	2009-09-16T07:53:34	2009-09-16T07:33:47			
[s] Observation end time (MET)	369502170.184000	369503012.12369			
Observation end date	2009-09-16T15:28:24	2009-09-16T15:43:32			
Read mode	TIMED	TIMED			

2.3 Aspect



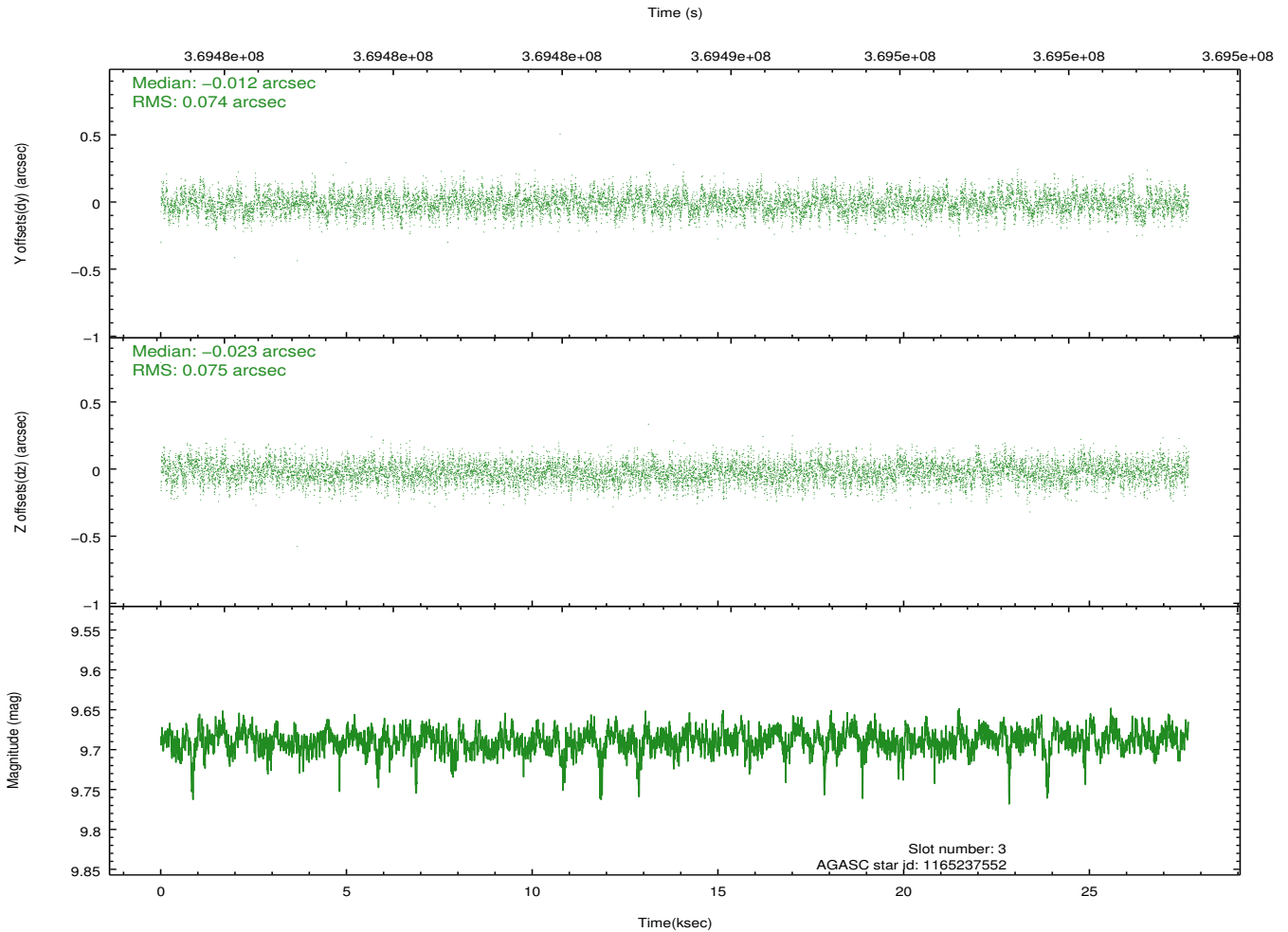
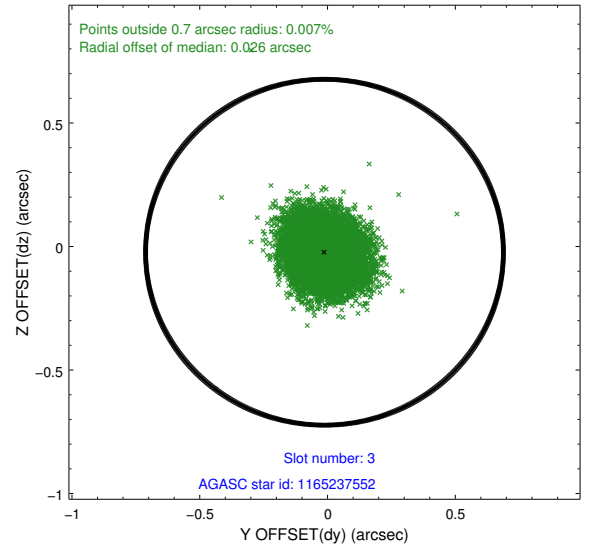
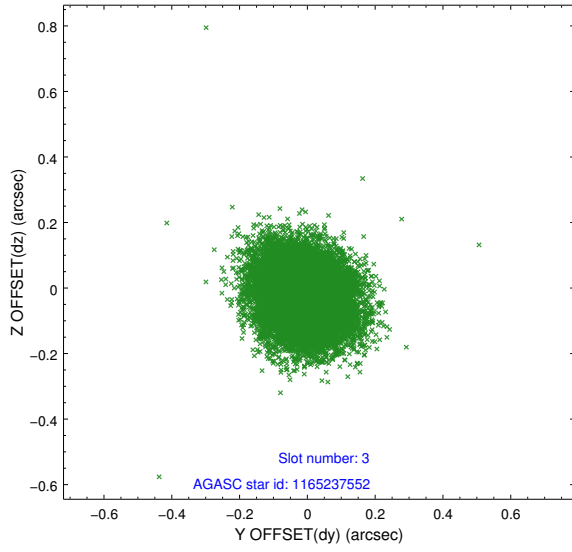


Slot Statistics

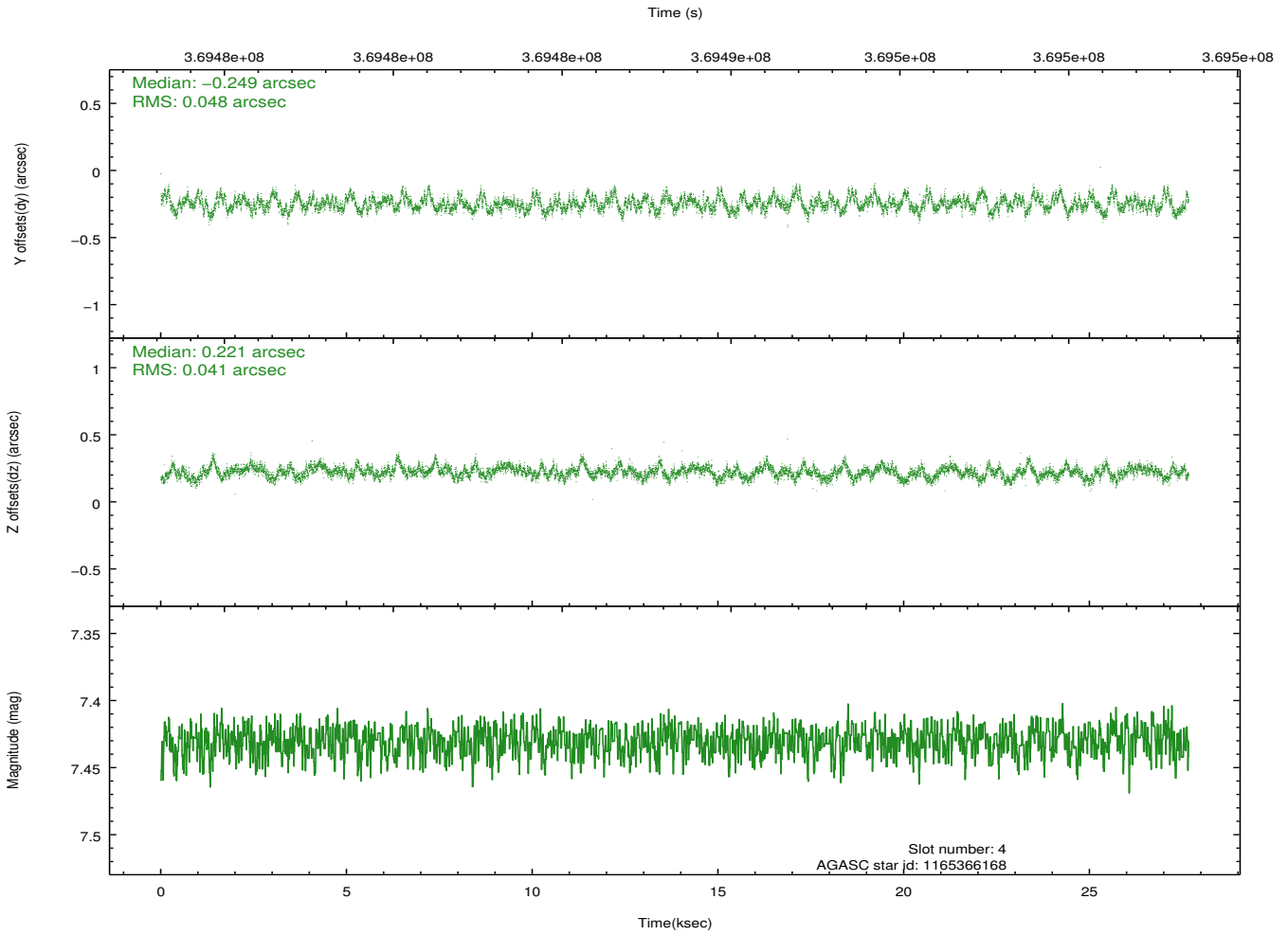
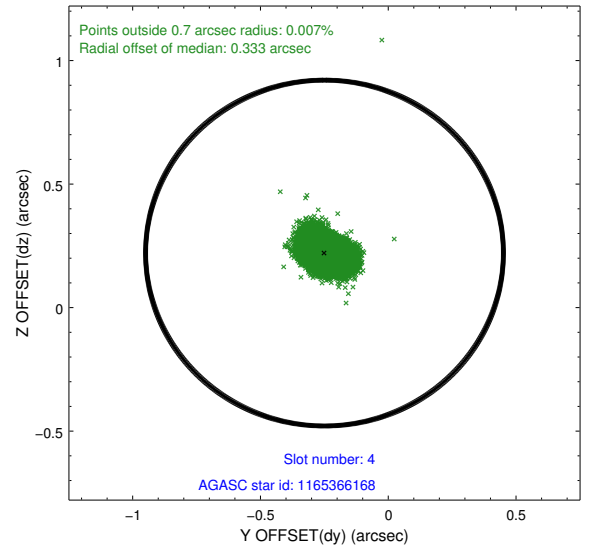
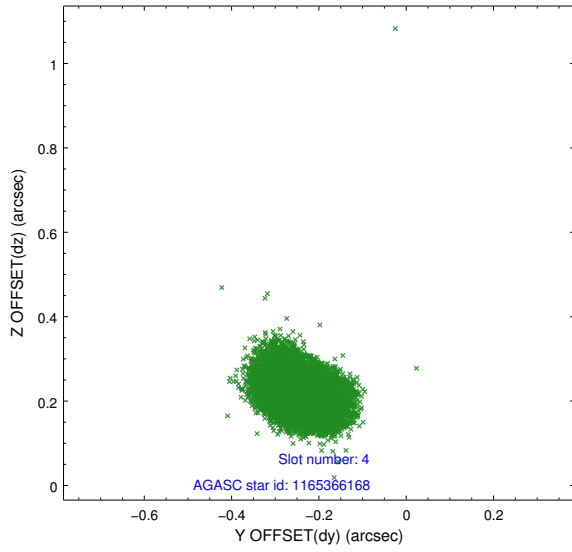
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	6.96	6748	0.034	-0.001	0.014	0.025	0.000000	0.000000	930.12	-1731.59
1	FID	ACIS-S-4	6.96	6748	0.110	-0.012	0.017	0.038	0.000000	0.000000	2147.63	172.48
2	FID	ACIS-S-5	6.99	6748	-0.175	0.026	0.011	0.024	0.000000	0.000000	-1818.87	166.16
3	GUIDE	1165237552	9.69	13471	-0.012	-0.023	0.112	0.180	80.257142	-65.800667	978.18	1922.33
4	GUIDE	1165366168	7.43	13497	-0.249	0.221	0.067	0.108	83.133276	-65.825610	1083.40	-2318.66
5	GUIDE	1165382424	8.37	13488	0.135	-0.044	0.095	0.149	82.355152	-66.439036	-1156.97	-1250.90
6	GUIDE	1165235856	8.25	13491	0.067	-0.128	0.091	0.159	79.957487	-66.443092	-1359.89	2192.99
7	GUIDE	1165374200	9.84	13473	0.048	-0.028	0.174	0.298	83.207893	-65.682736	1600.01	-2417.83

2.4 Star Slots

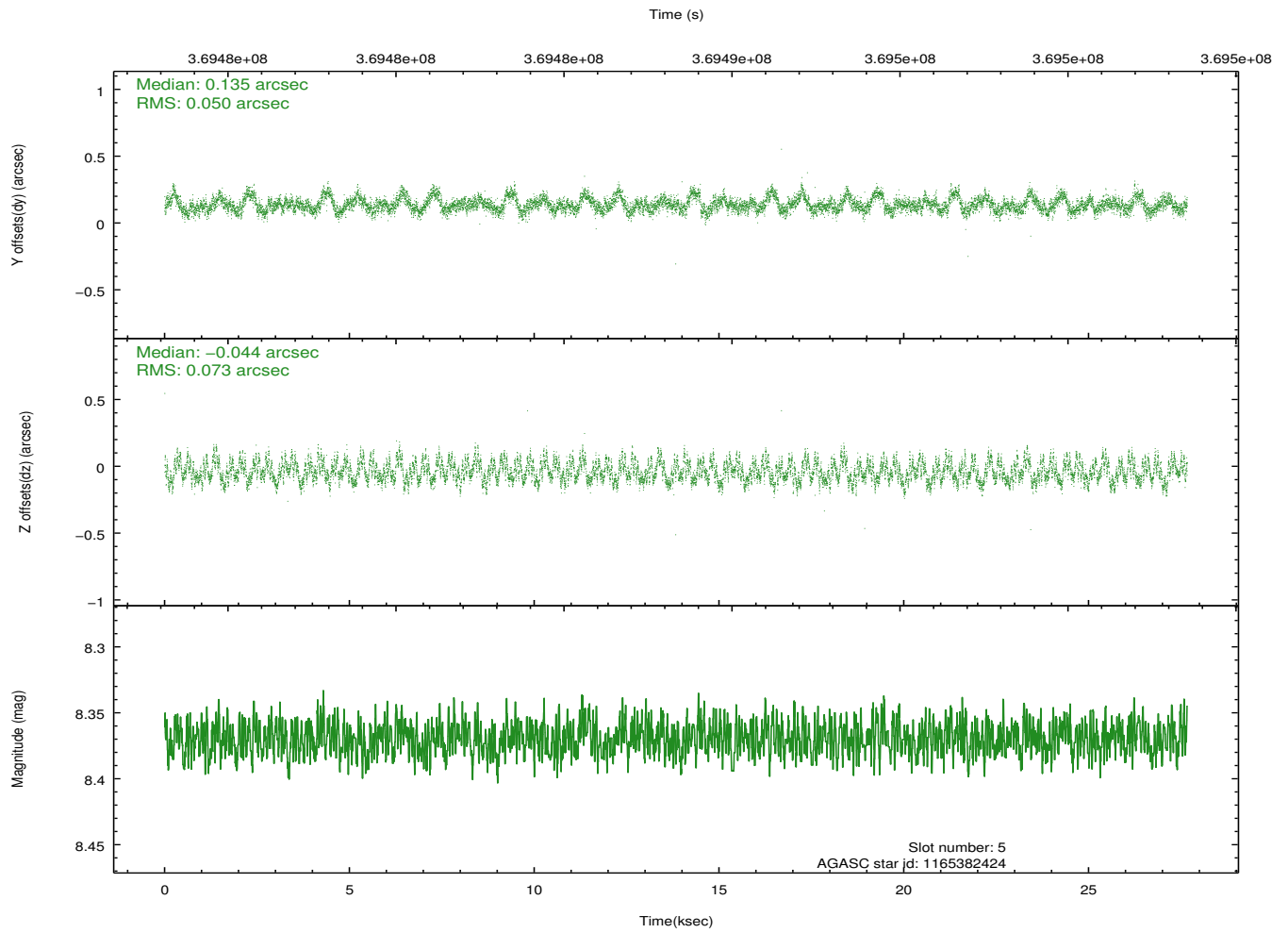
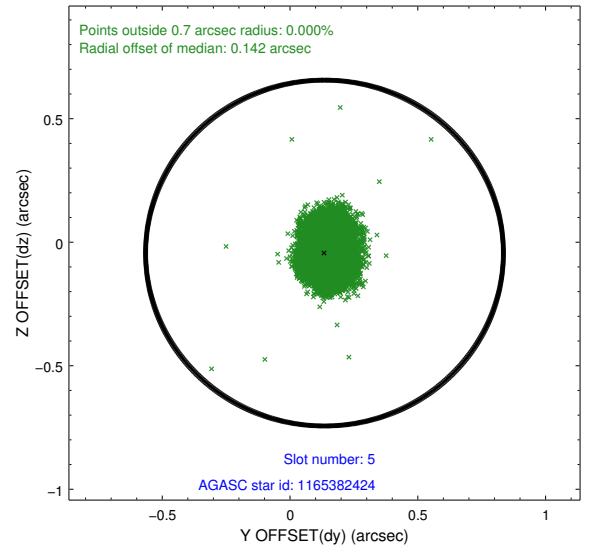
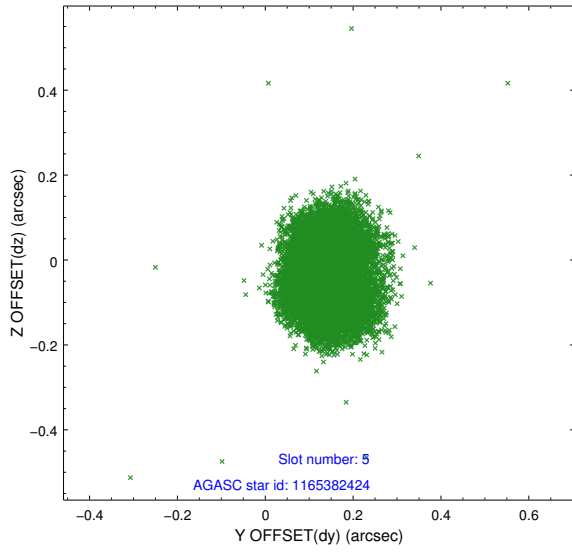
2.4.1 Slot 3



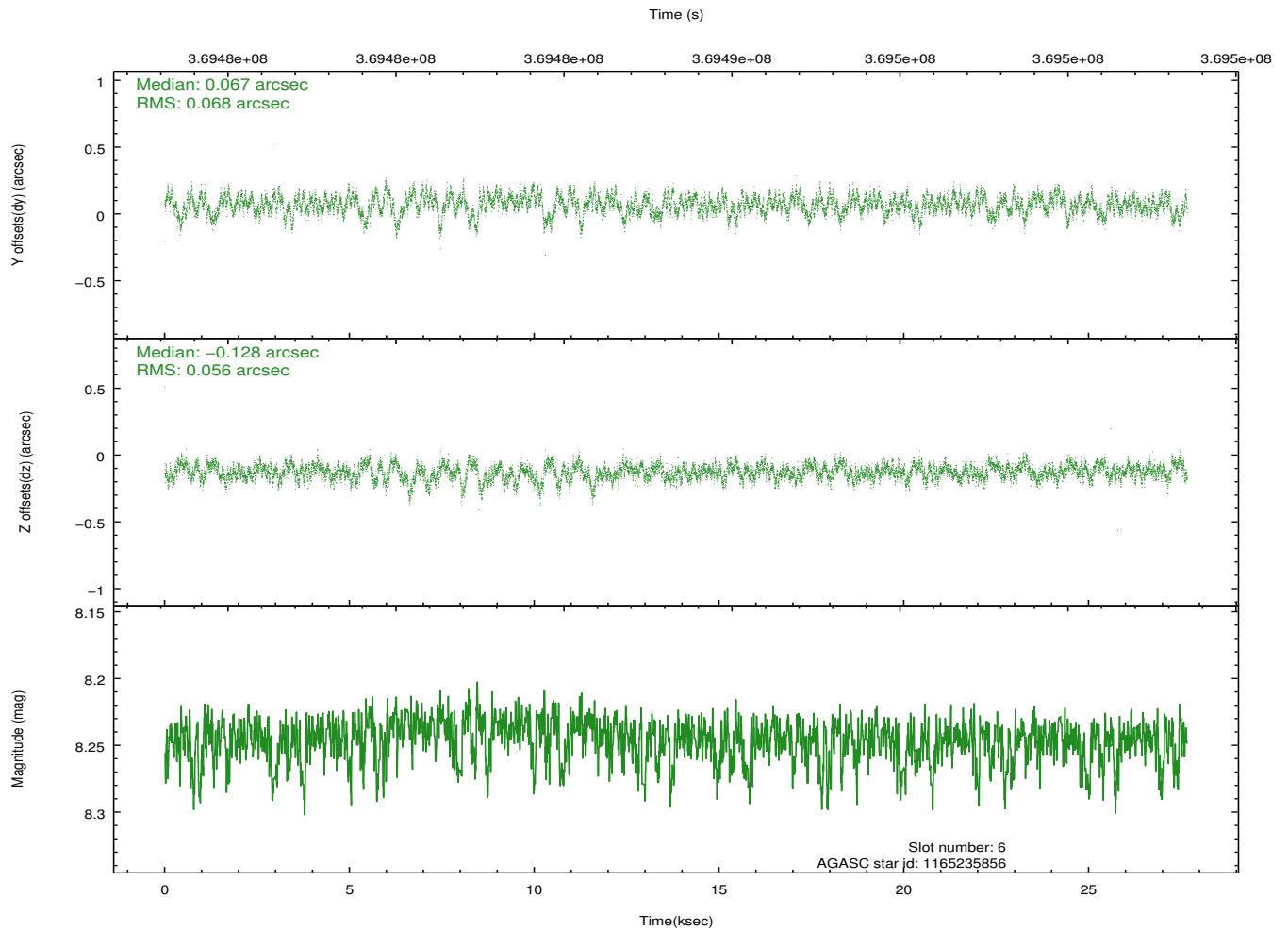
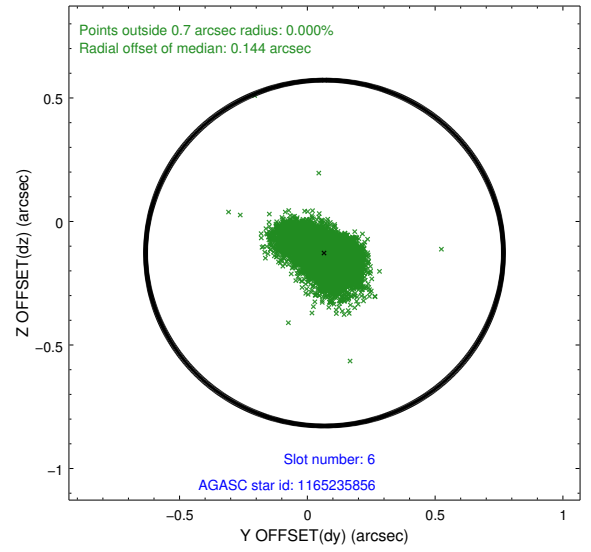
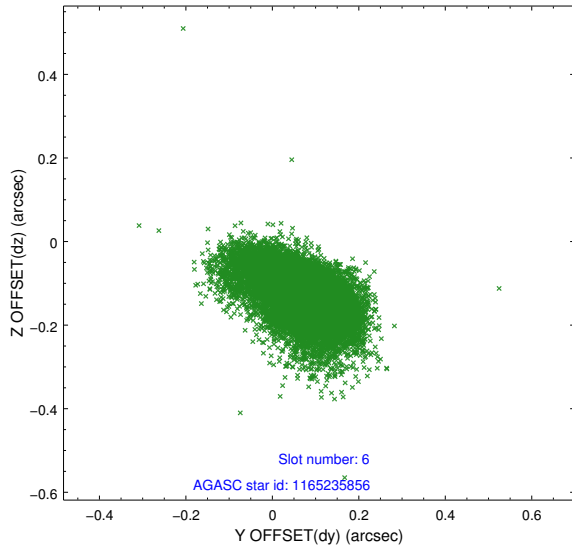
2.4.2 Slot 4



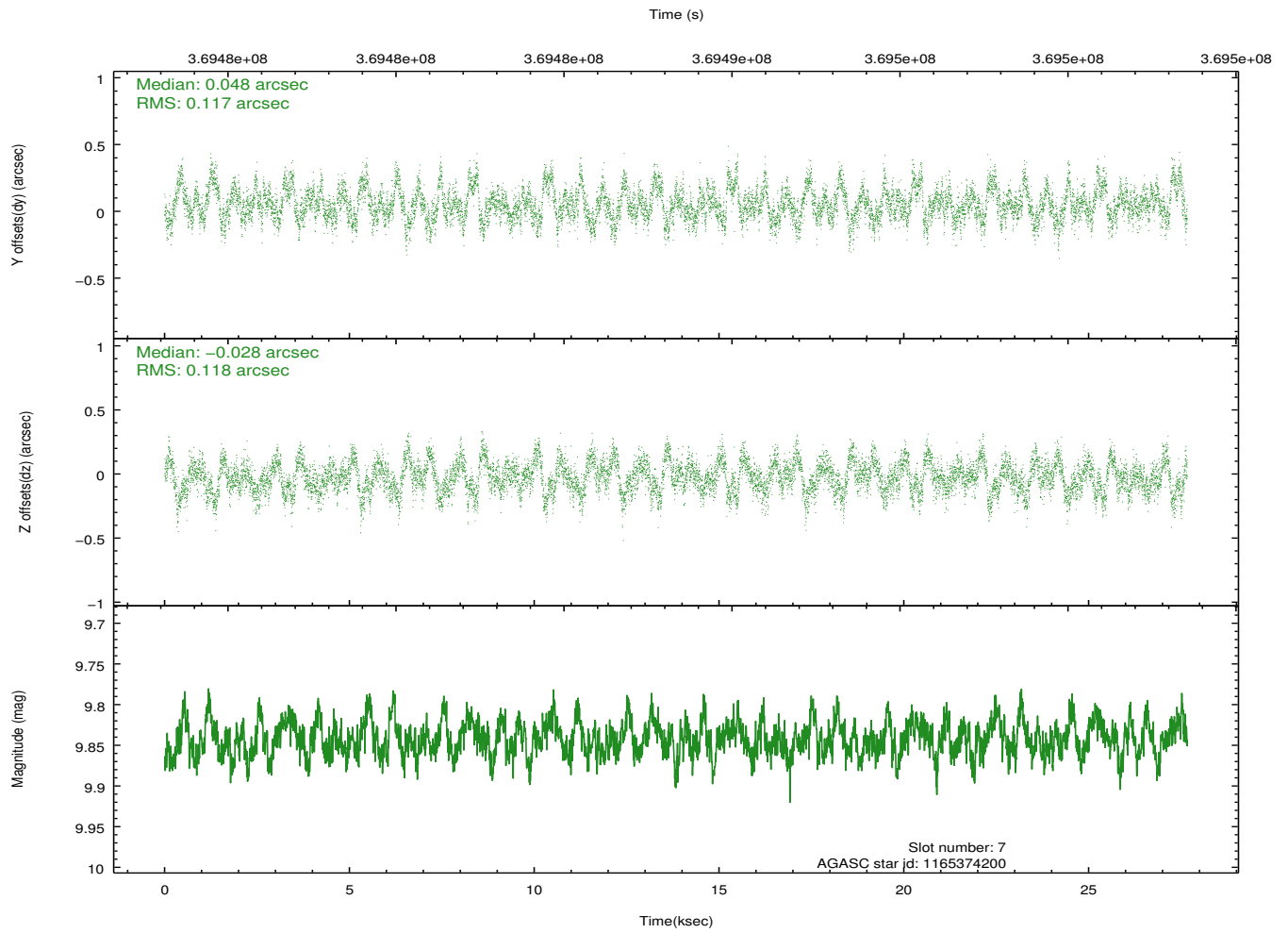
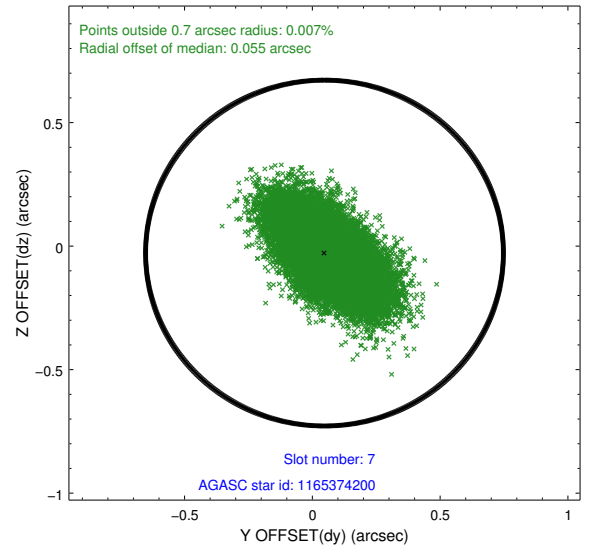
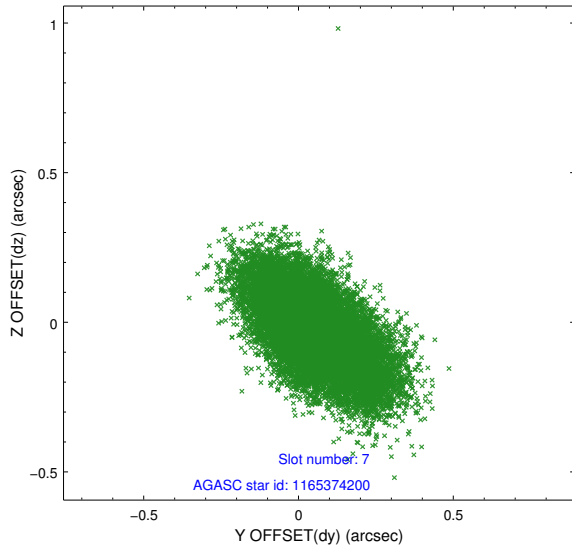
2.4.3 Slot 5



2.4.4 Slot 6

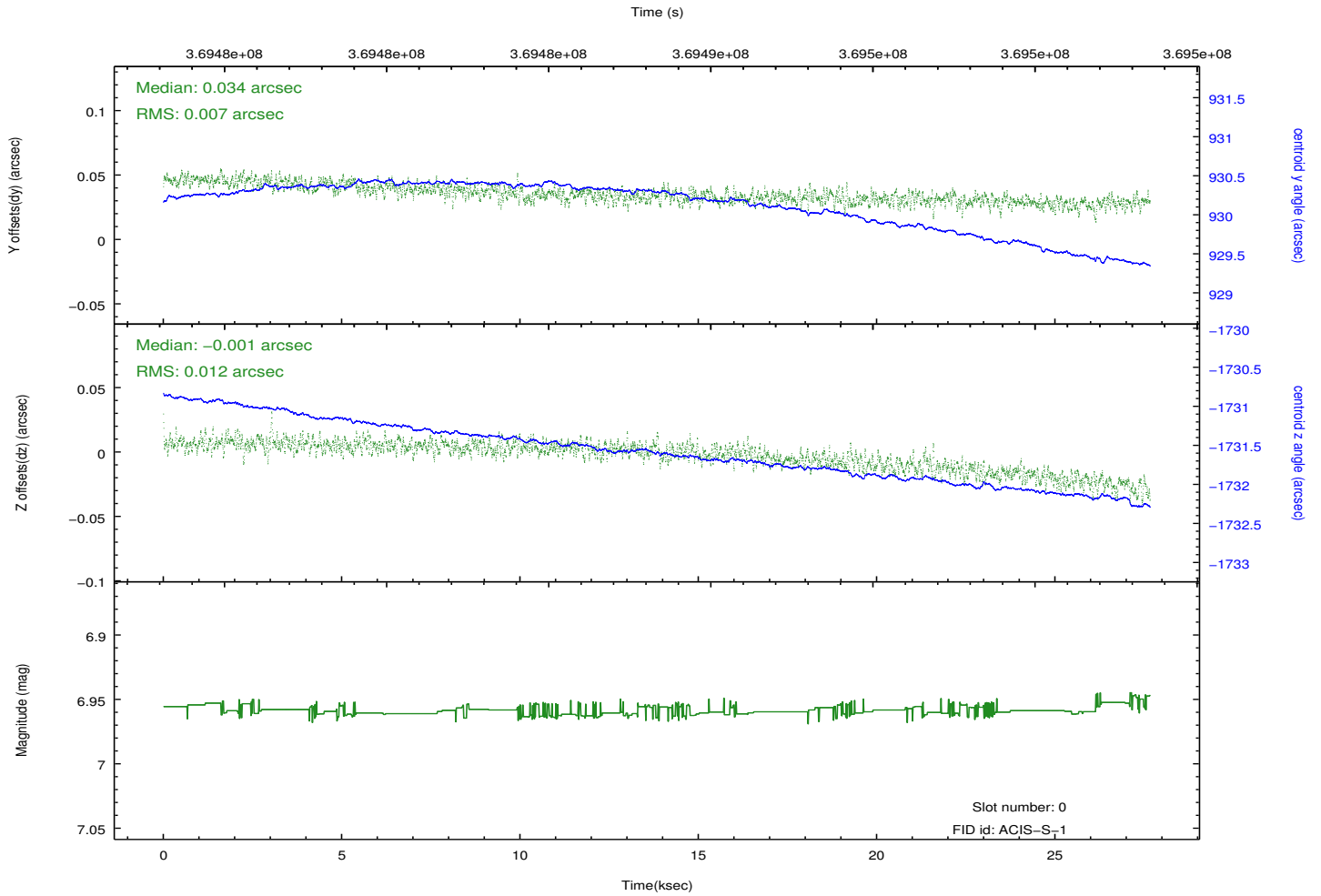
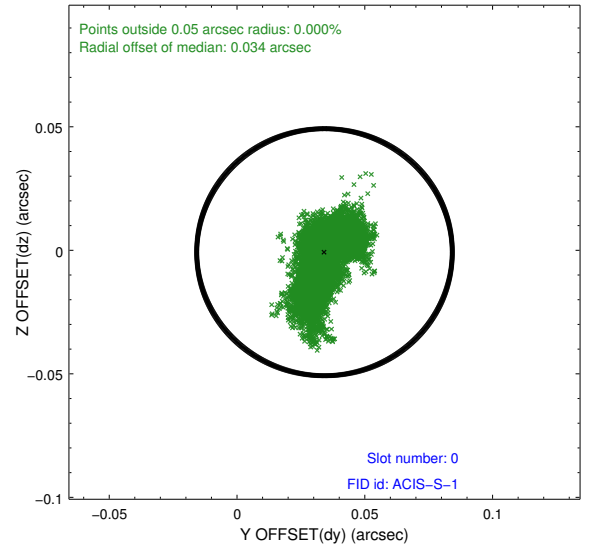
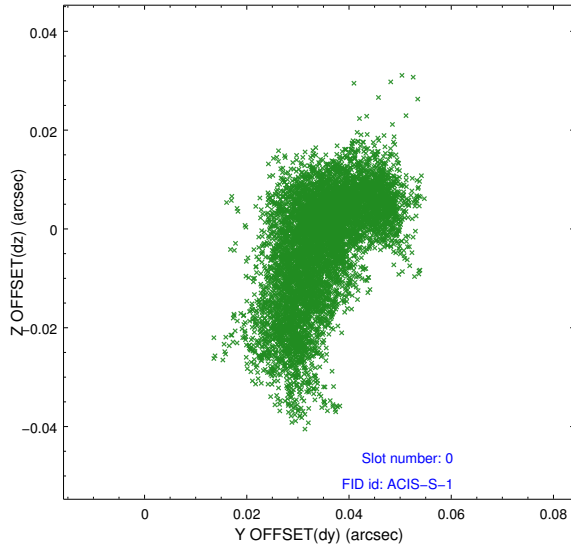


2.4.5 Slot 7

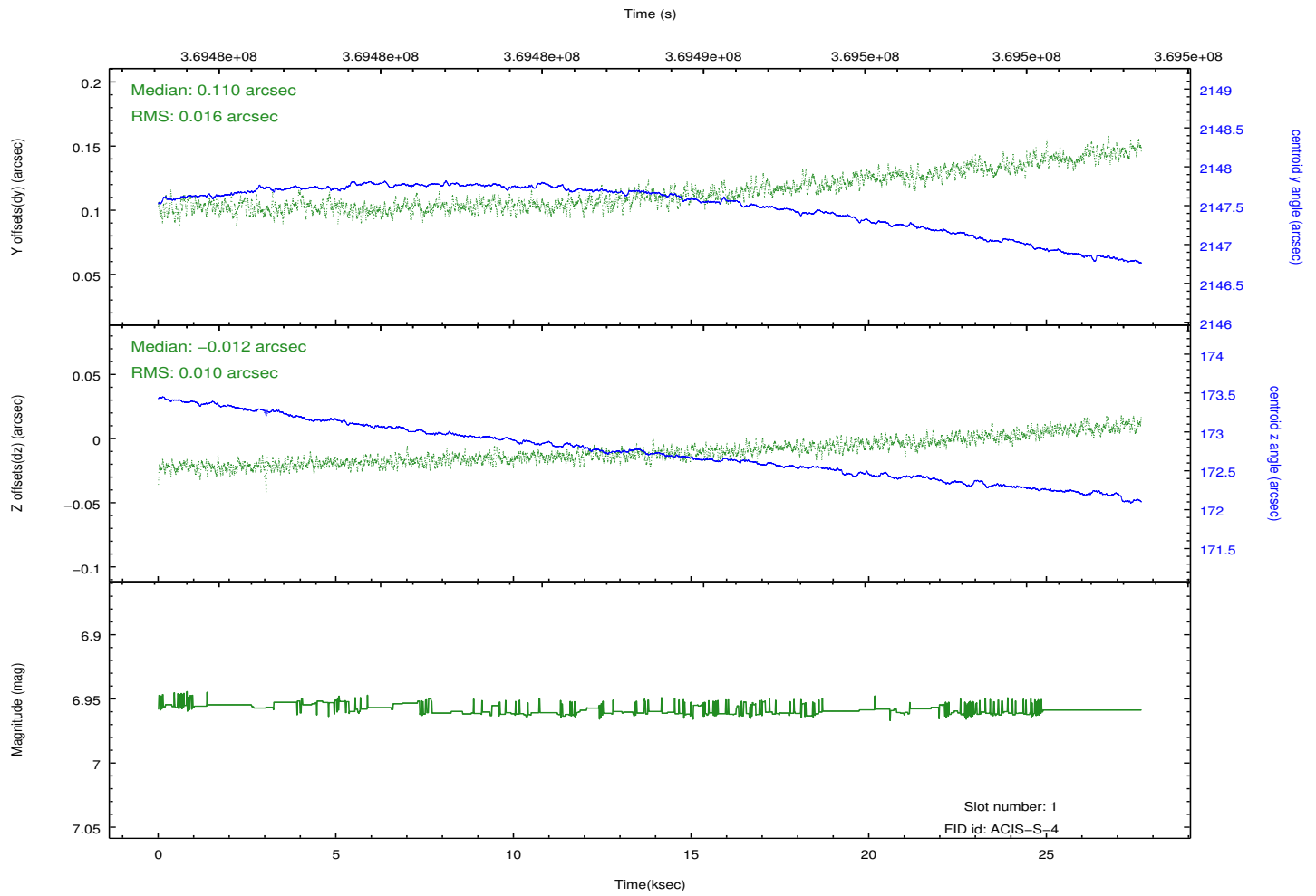
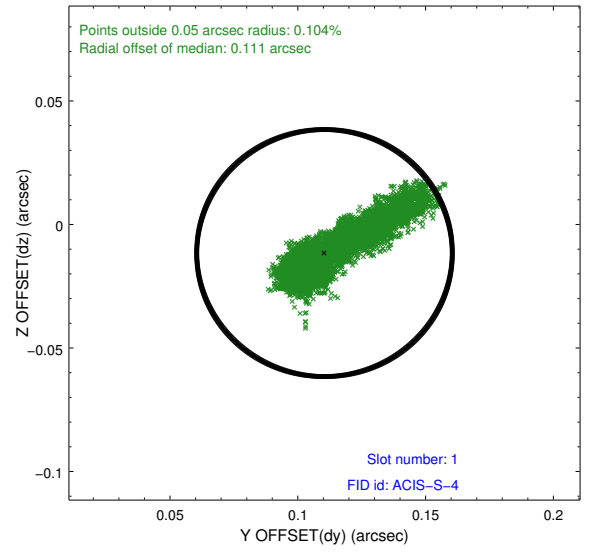
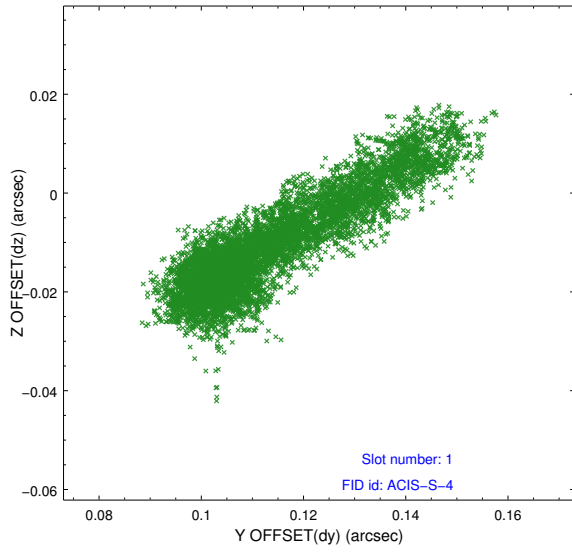


2.5 FID Slots

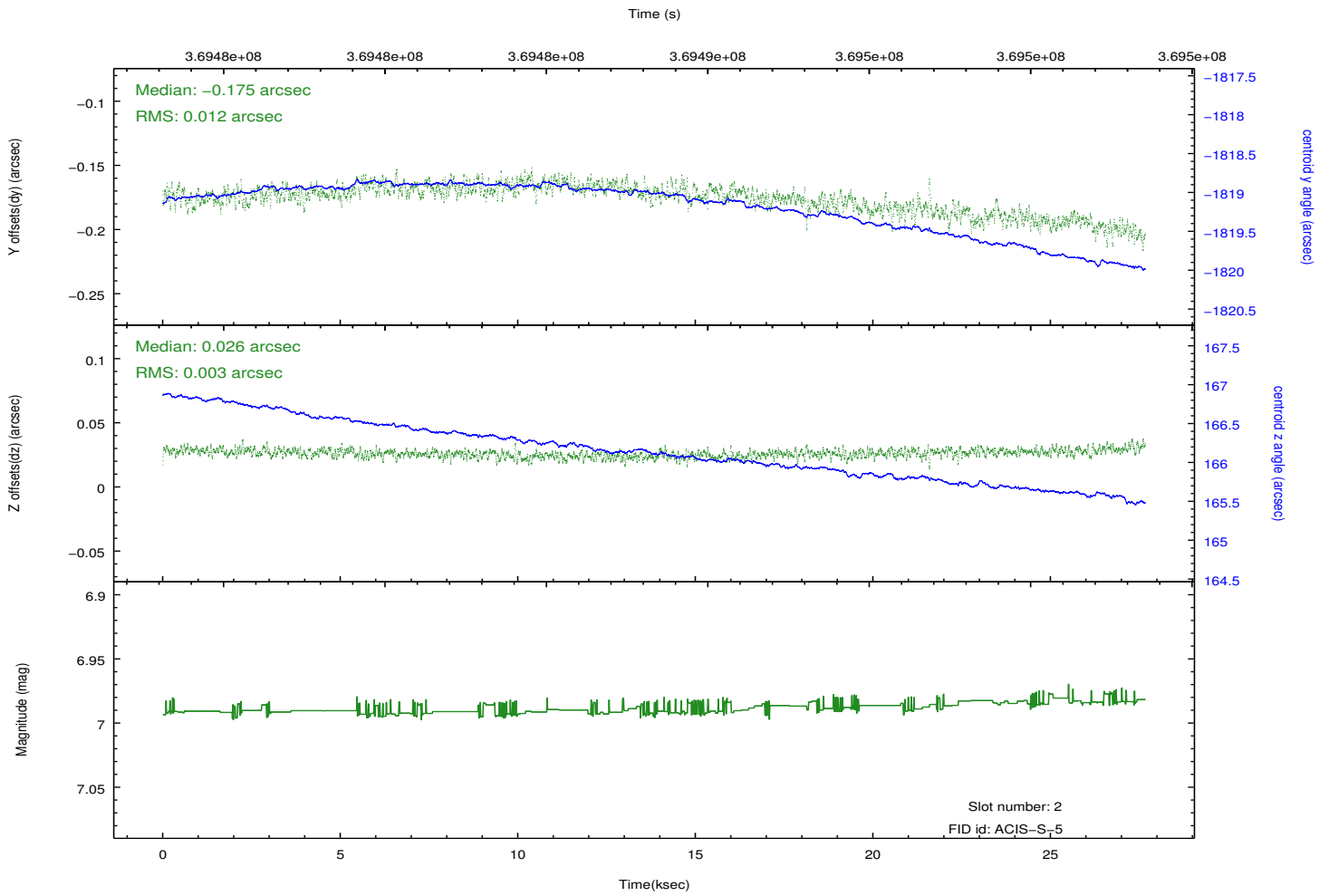
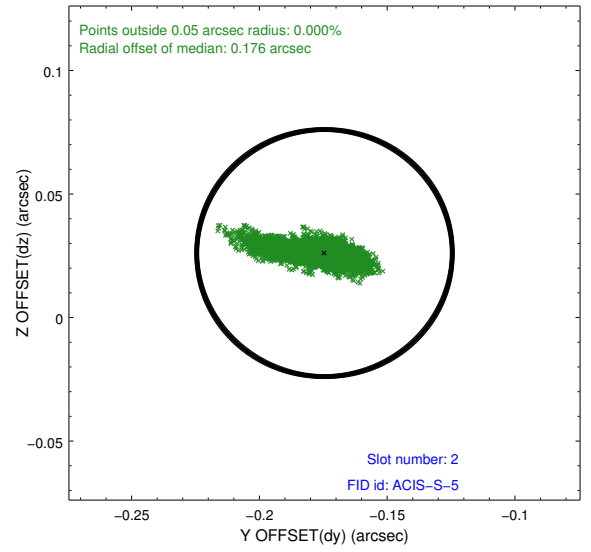
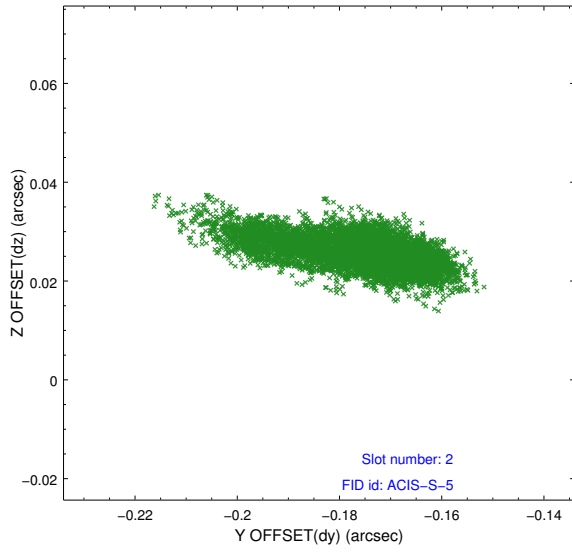
2.5.1 Slot 0



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)	2012.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.316723025203

A.2 Comments