

V&V Reference Report

L2 ASCDS Version : 10.5.1.1

Observation 18173 - L2 Version 1
Chandra X-Ray Center

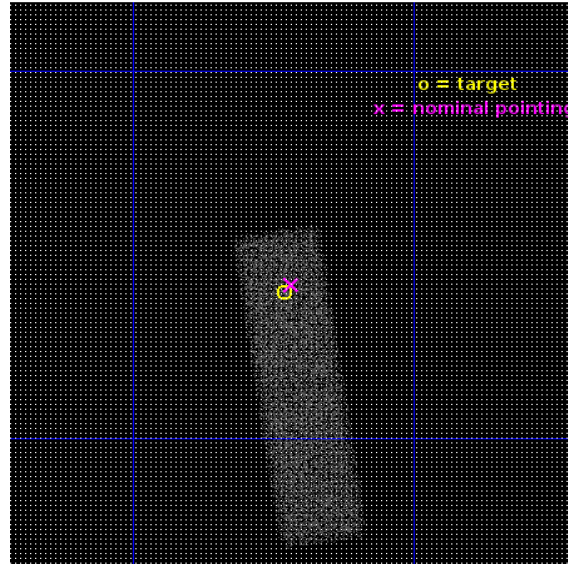
L2 Processing Date : Sep 8 2016

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1 Front

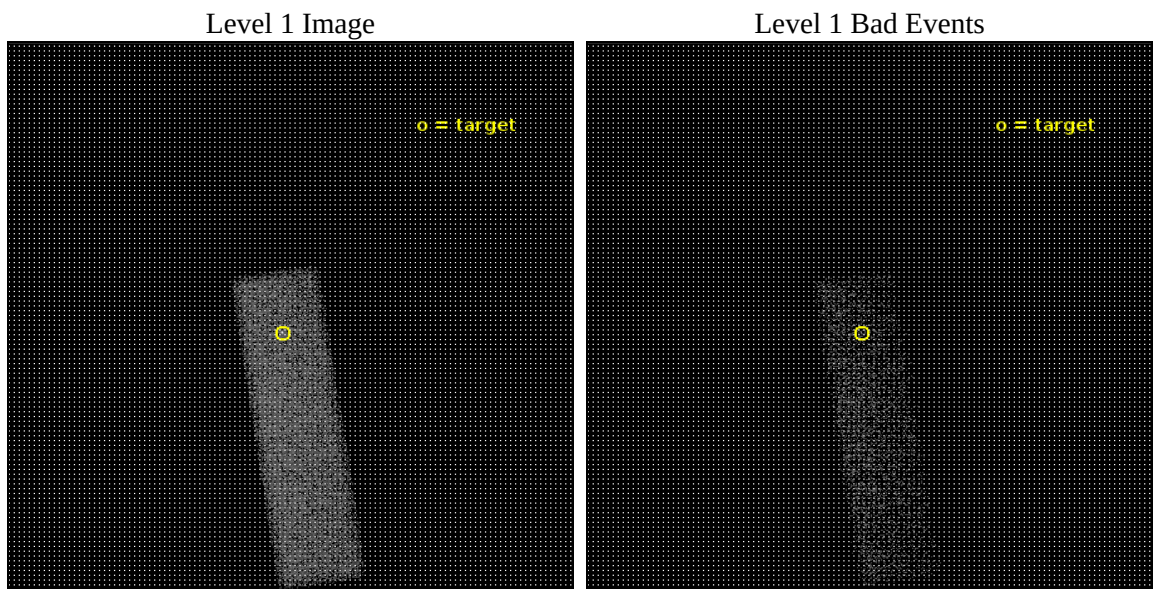
seq_num	703238	Sequence number
obs_id	18173	Observation id
title	Chandra Legacy Survey of Merger Driven AGN Activation in Nearby X-ray Selected AGN	Proposal title
observer	Dr Michael Koss	Principal investigator
object	1RXSJ010713.0-113554	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	16.8075	Observer's specified target RA [deg]
dec_targ	-11.600694	Observer's specified target Dec [deg]
ra_nom	16.804319919617	Nominal RA [deg]
dec_nom	-11.597171420198	Nominal Dec [deg]
roll_nom	81.46964299822	Nominal Roll [deg]
revision	1	Processing version of data
ontime	15332.799086094	Sum of GTIs [s]
livetime	14584.608661746	Livetime [s]
ontime7	15332.799086094	Sum of GTIs [s]
l2events	17043	Number of level 2 events



2 OBI

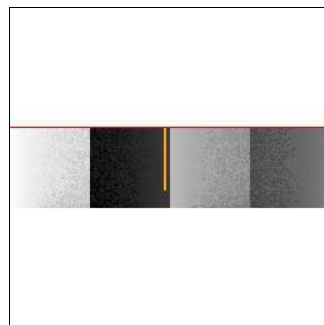
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	15272.975000	[s] Scheduled observation exposure time
ascdsver	10.5.1.1	Processing system revision	ontime	15332.799086094	Sum of GTIs [s]
caldsver	4.7.2	 	ontime7	15332.799086094	Sum of GTIs [s]
date	2016-09-08T17:35:48	Date and time of file creation	l1events	34530	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

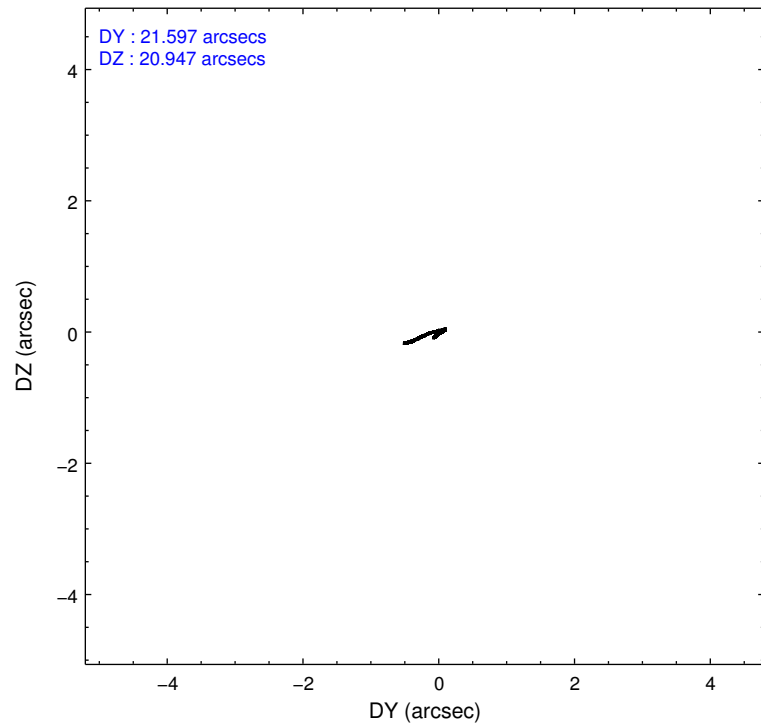
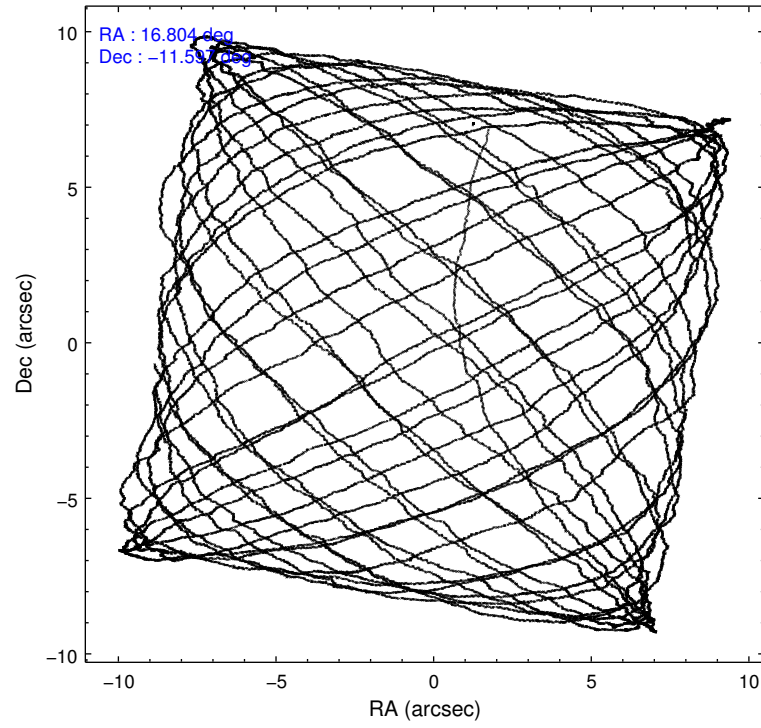
	ccd 7
level 1 events	34530
rejected events	16937
rejected %	49%

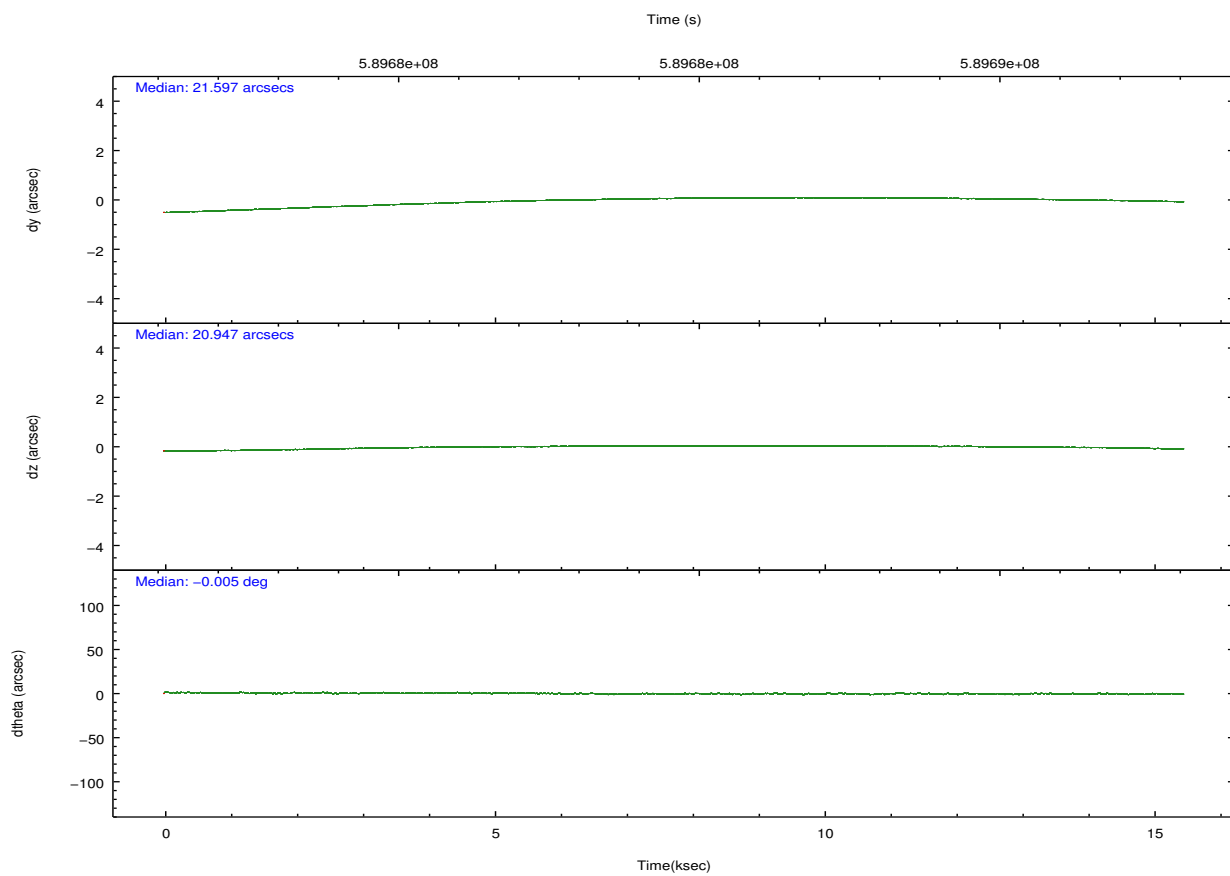
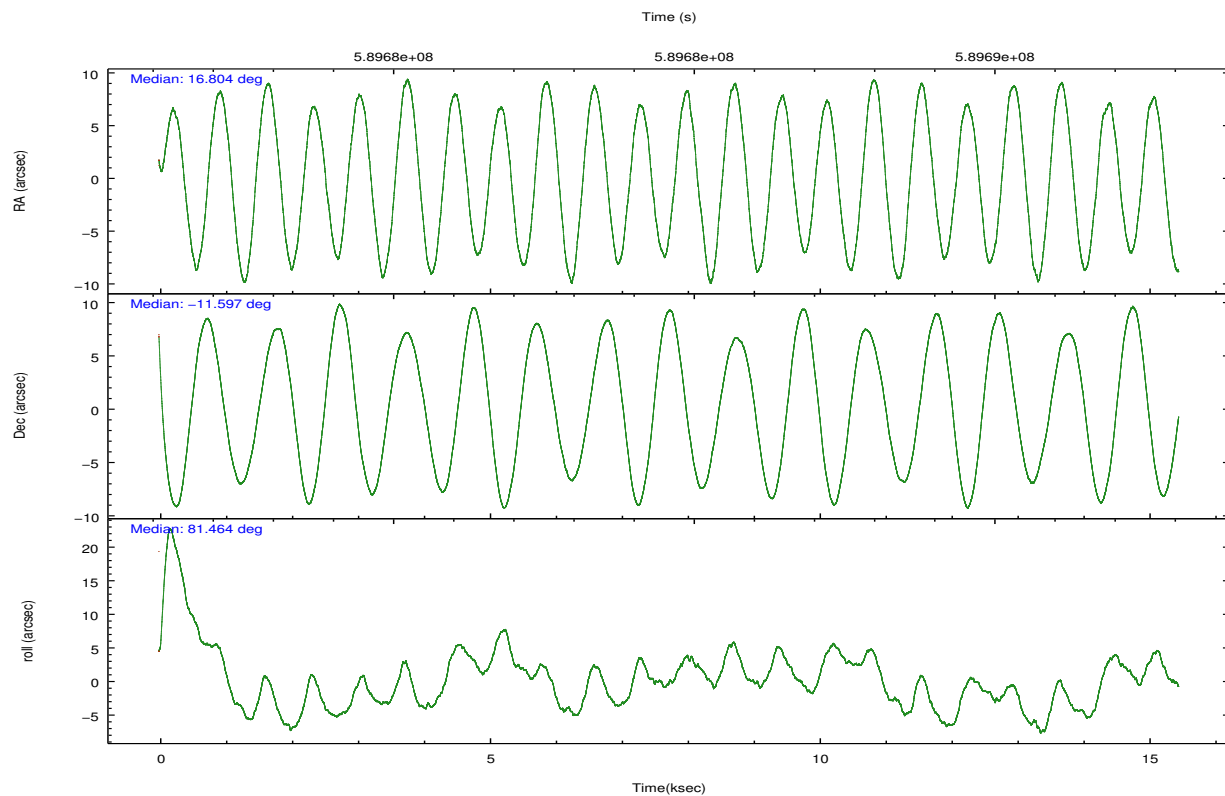
	ccd 7
grade 0 events	1943
	5%
grade 1 events	52
	0%
grade 2 events	3601
	10%
grade 3 events	1947
	5%
grade 4 events	1922
	5%
grade 5 events	3428
	9%
grade 6 events	8182
	23%
grade 7 events	13455
	38%

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	16.814917	16.80431991961742	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-11.622537	-11.59717142019839	Subarray start row	385	385
[deg] Pointing Roll	81.315152	81.46964299821973	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)	589677025.184000	589676144.23994			
Observation start date	2016-09-07T23:09:17	2016-09-07T22:55:44			
[s] Observation end time (MET)	589692298.184000	589692509.90338			
Observation end date	2016-09-08T03:23:50	2016-09-08T03:28:29			
Read mode	TIMED	TIMED			

2.3 Aspect



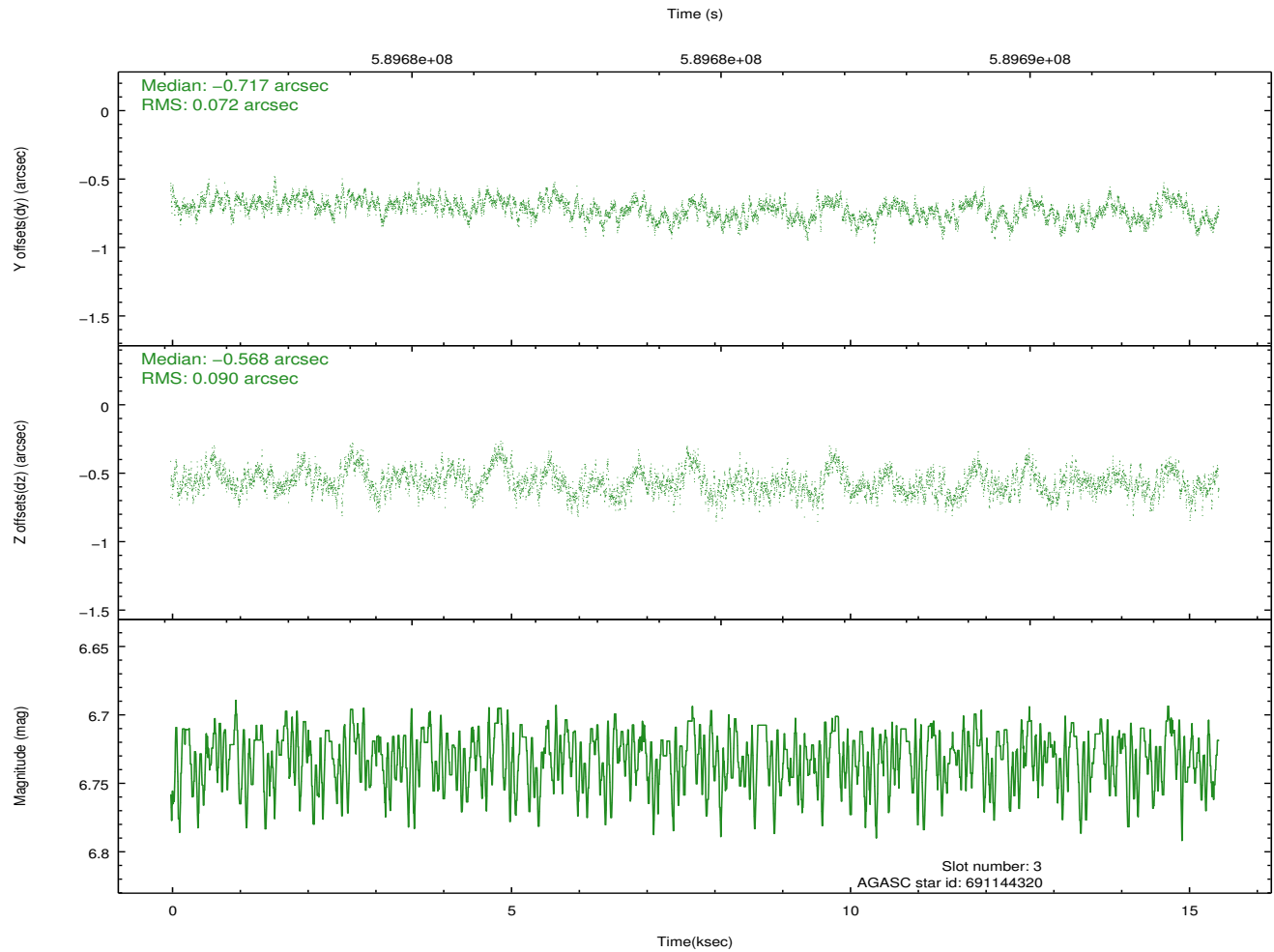
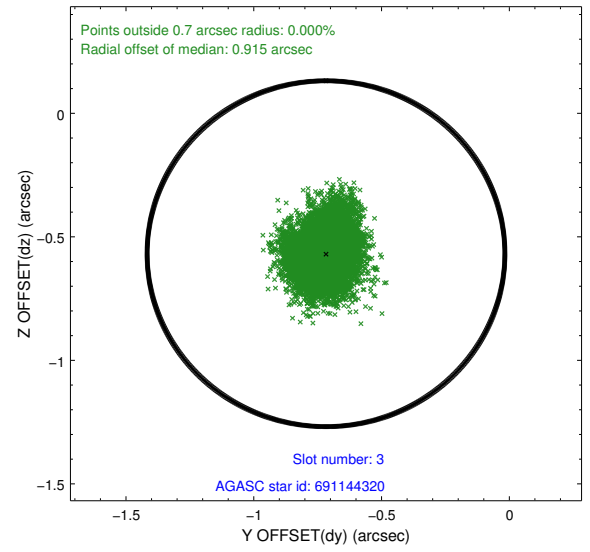
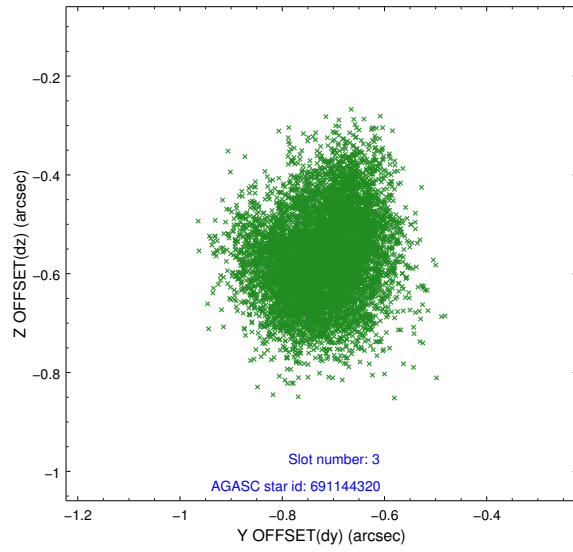


Slot Statistics

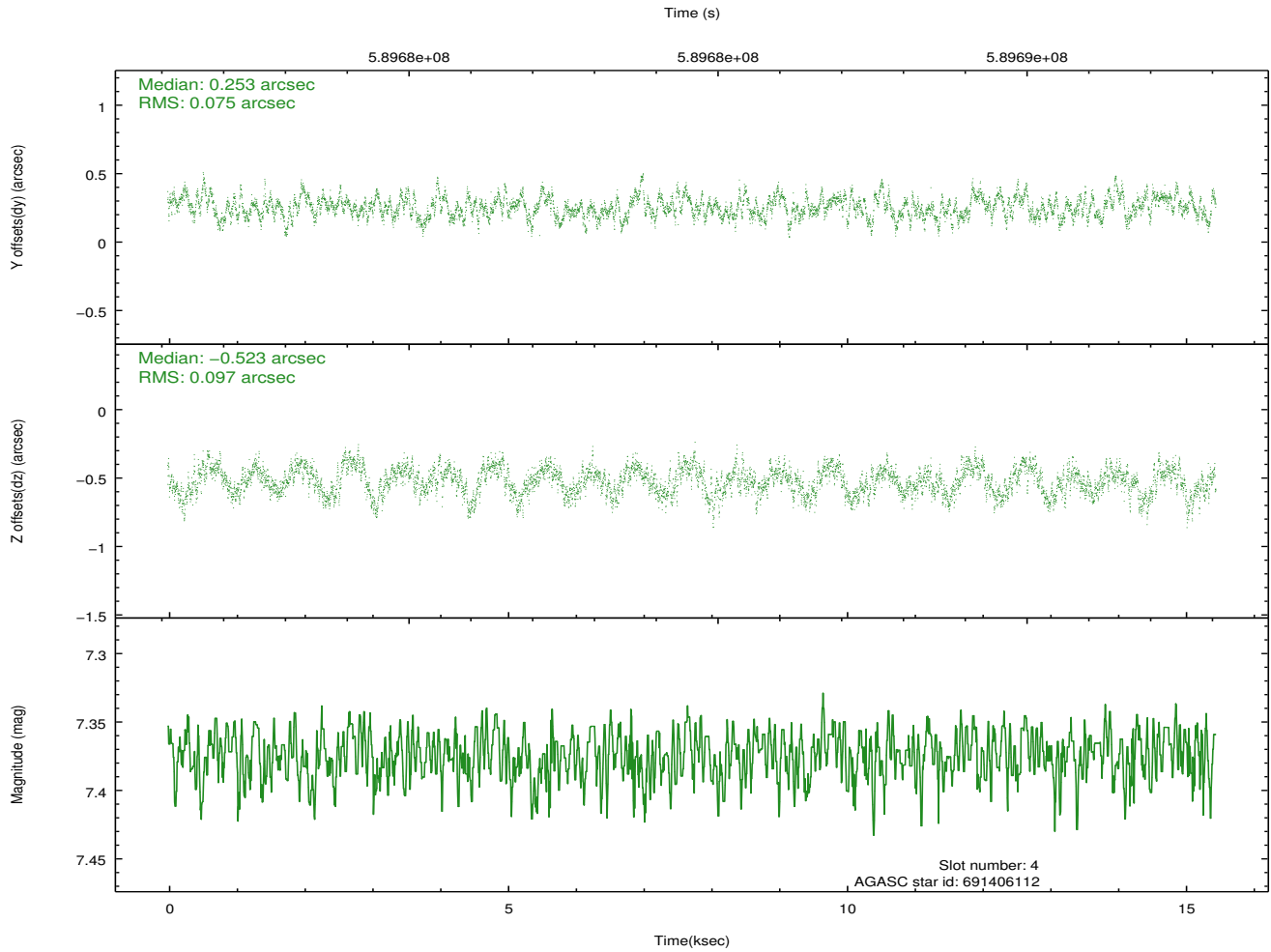
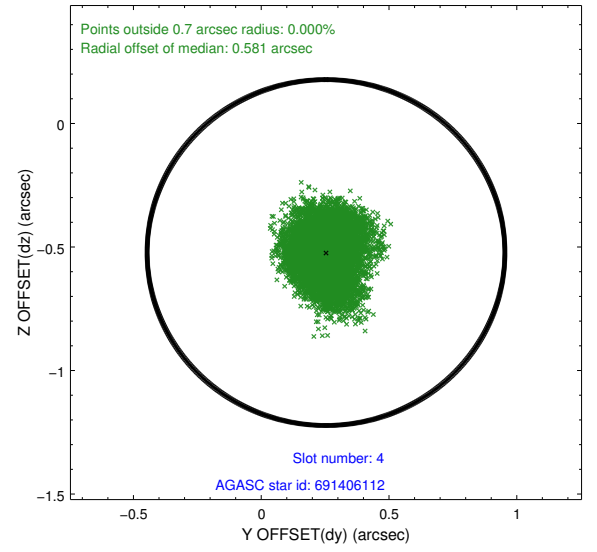
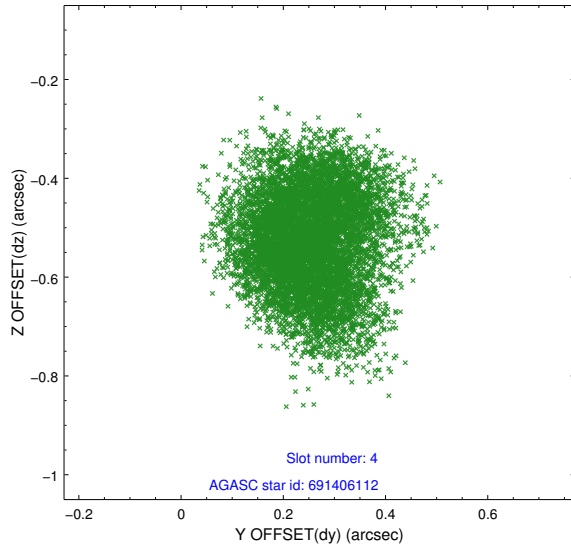
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.04	3772	-0.230	-0.115	0.008	0.013	0.000000	0.000000	-774.87	-1742.59
1	FID		ACIS-S-4	7.15	3772	0.488	0.142	0.007	0.013	0.000000	0.000000	2138.95	165.90
2	FID		ACIS-S-5	7.16	3772	-0.290	-0.019	0.008	0.014	0.000000	0.000000	-1827.44	159.67
3	GUIDE	used	691144320	6.73	7543	-0.717	-0.568	0.124	0.197	16.526456	-10.985447	2112.02	1353.48
4	GUIDE	used	691406112	7.37	7542	0.253	-0.523	0.133	0.205	17.044395	-12.168074	-1818.68	-1095.36
5	GUIDE	used	691407440	10.42	7491	0.243	0.474	0.343	0.538	16.876455	-12.083493	-1606.93	-464.61
6	GUIDE	used	691409832	8.89	7540	0.342	0.593	0.115	0.199	17.344036	-12.114823	-1472.09	-2108.79
7	GUIDE	used	691415704	7.92	7542	-0.116	0.032	0.131	0.219	17.400105	-11.678561	110.44	-2070.32

2.4 Star Slots

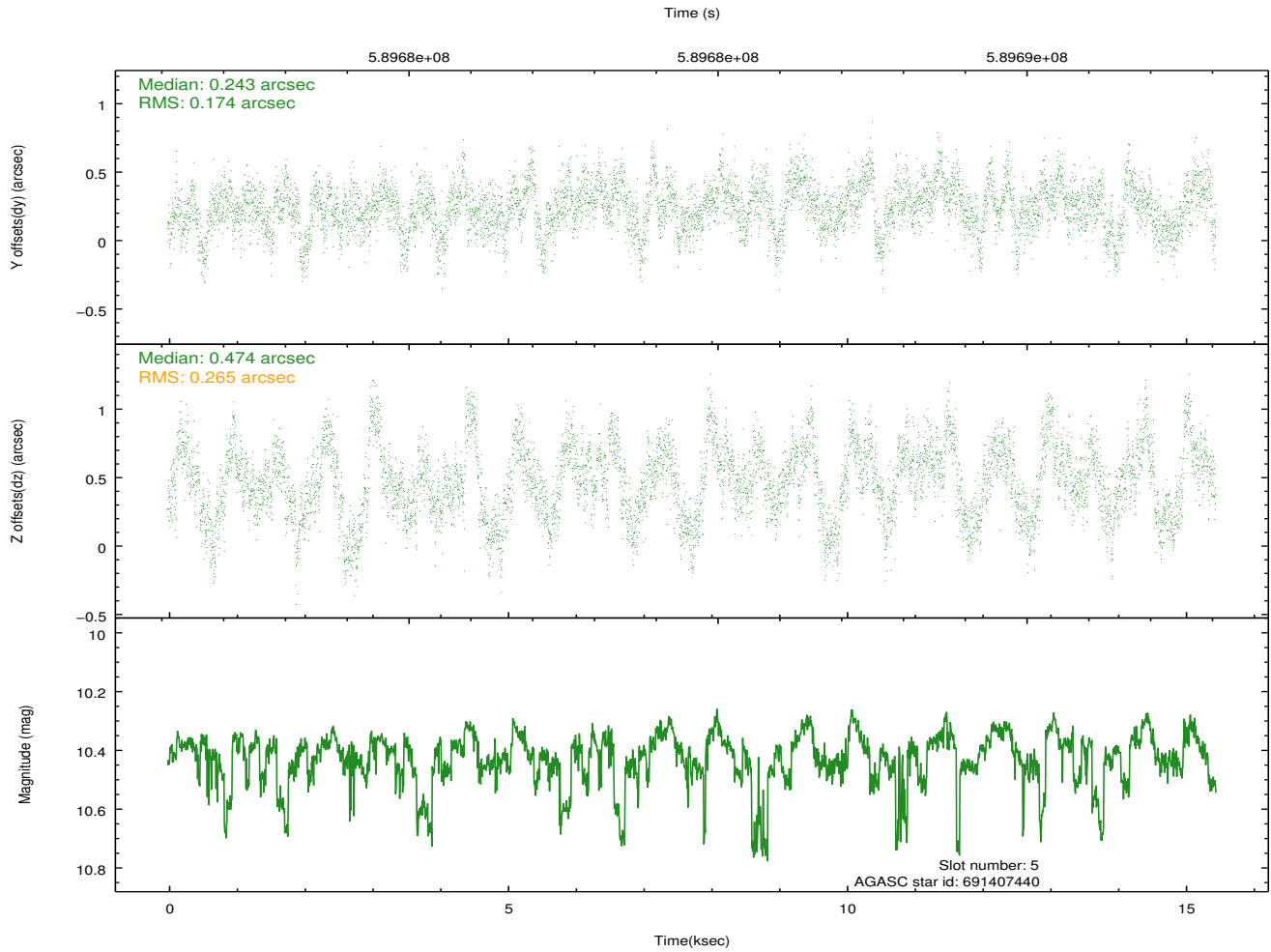
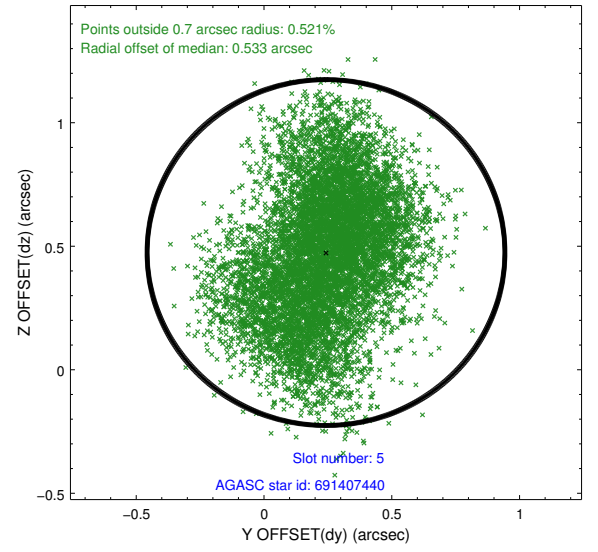
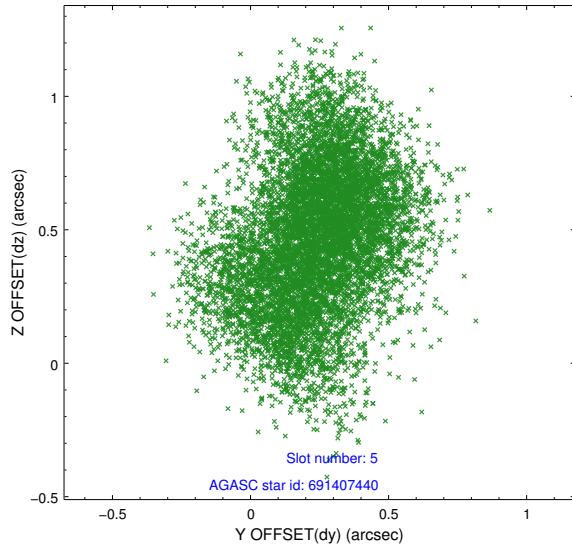
2.4.1 Slot 3



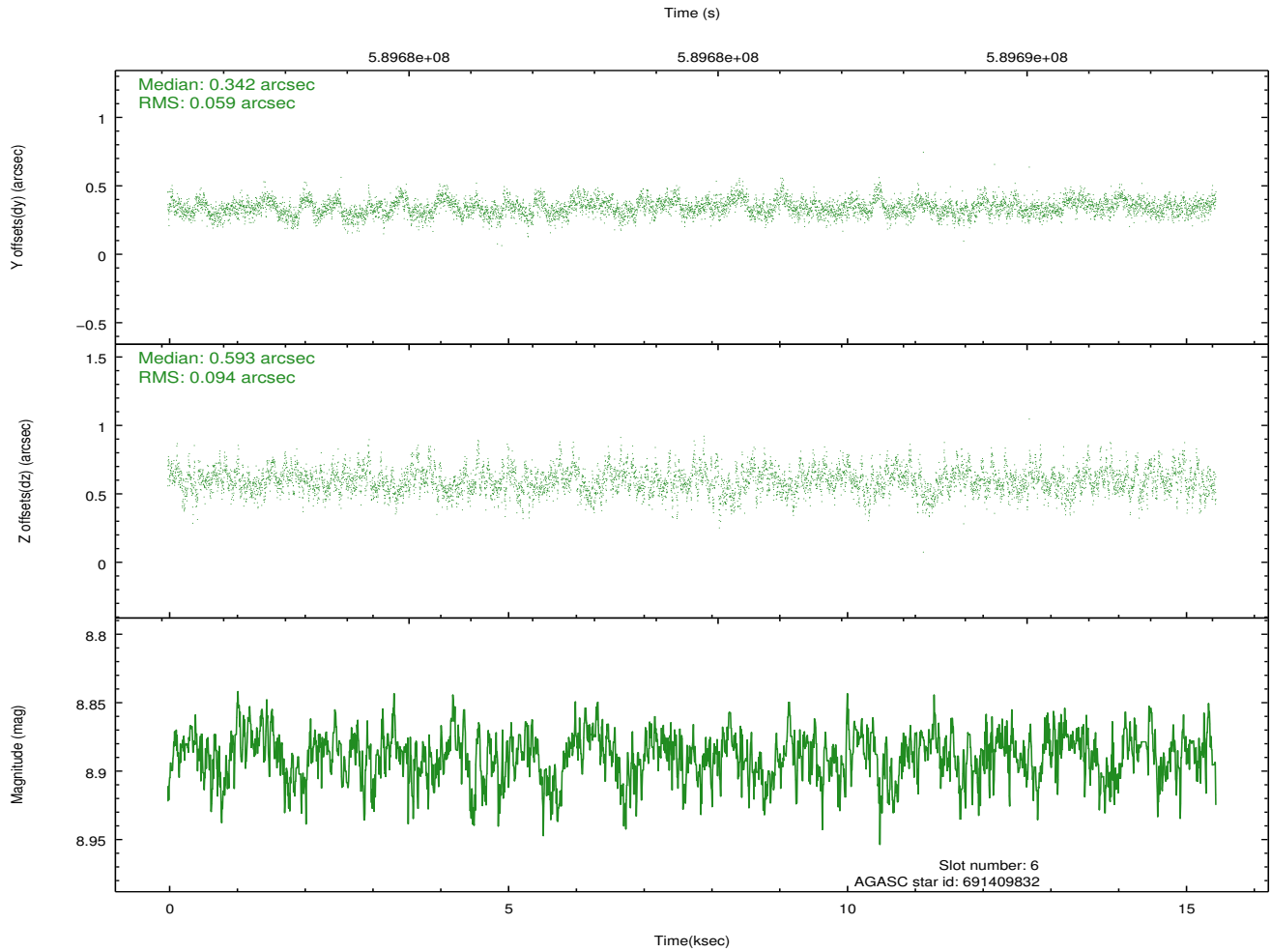
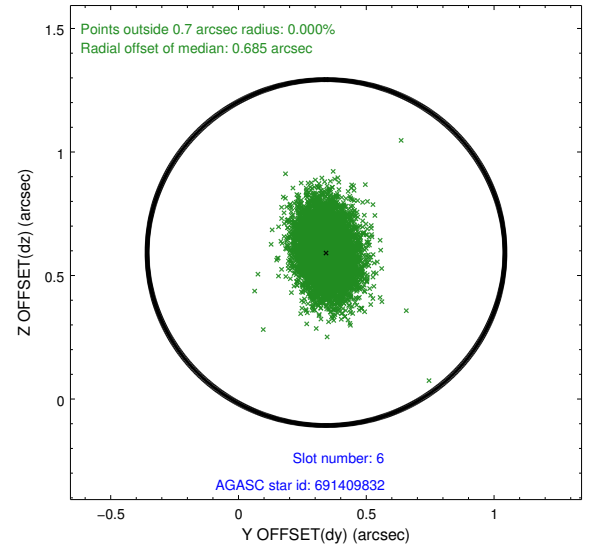
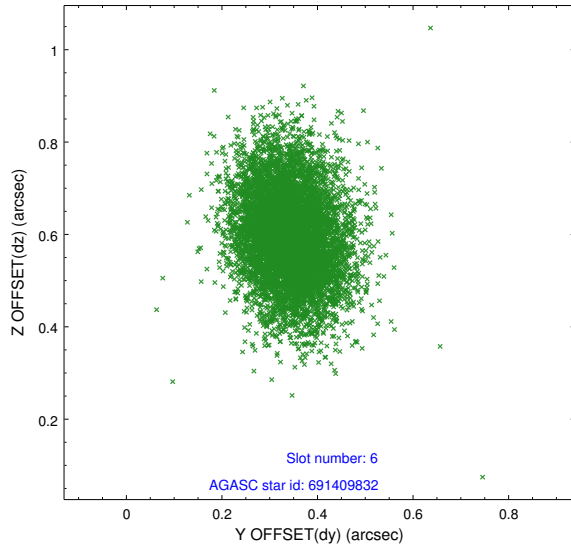
2.4.2 Slot 4



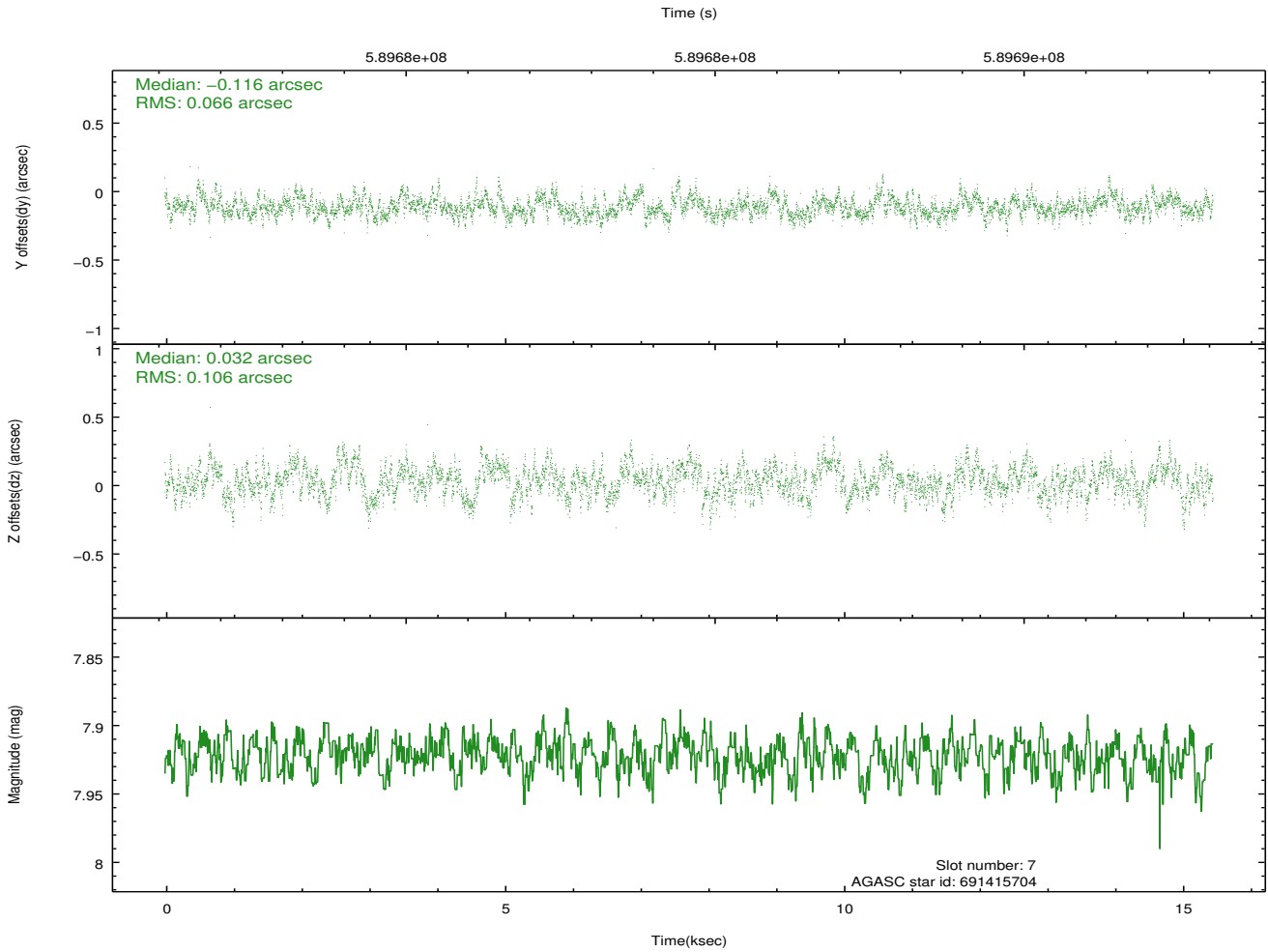
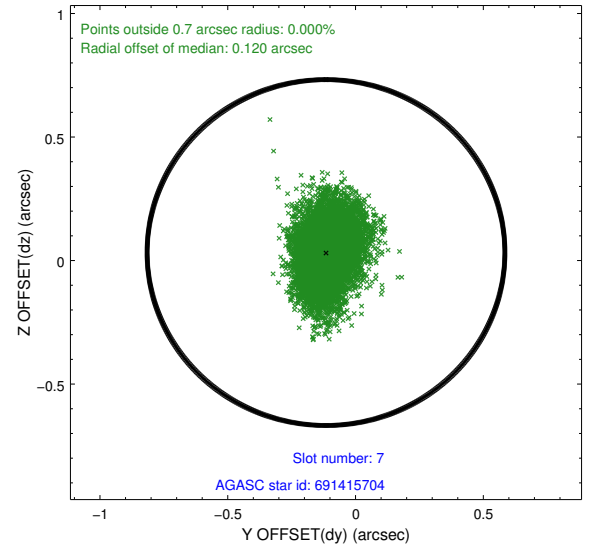
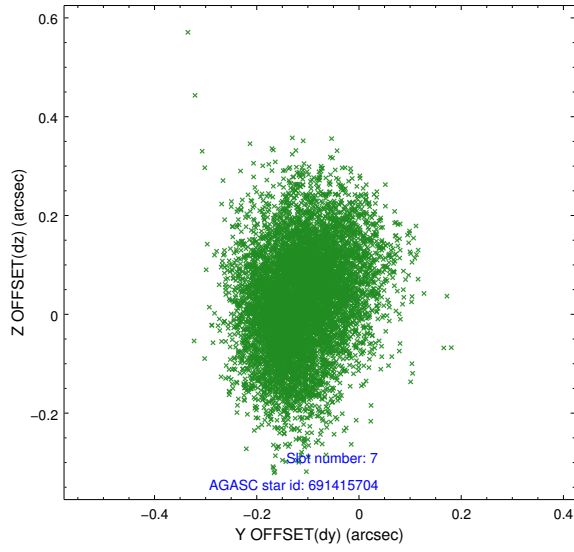
2.4.3 Slot 5



2.4.4 Slot 6

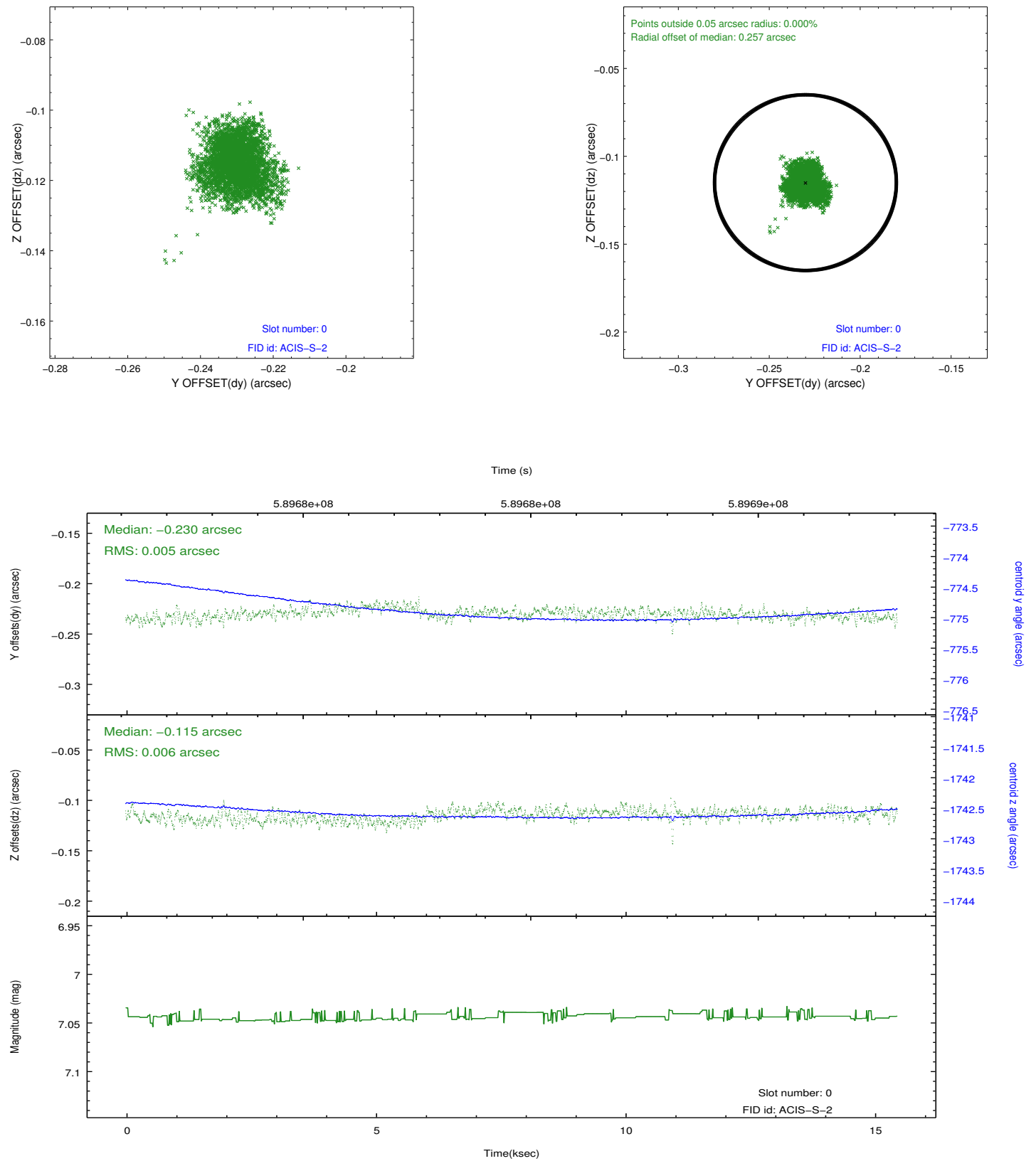


2.4.5 Slot 7

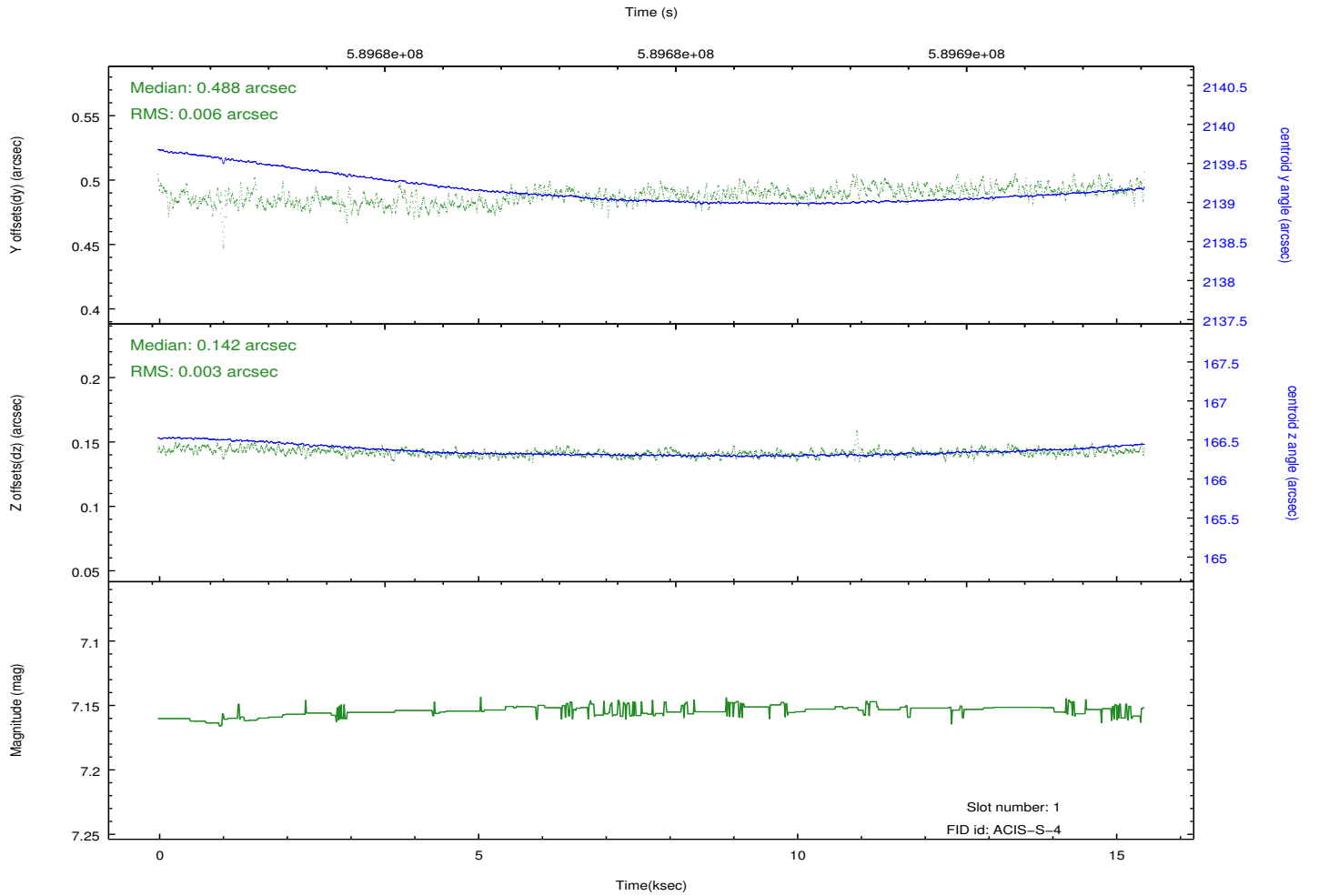
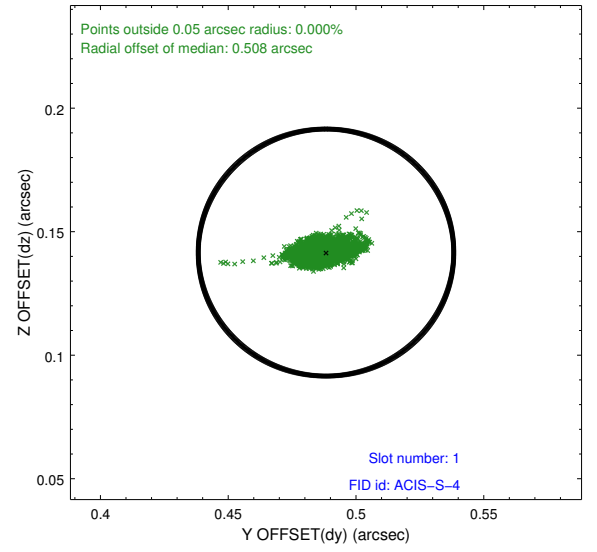
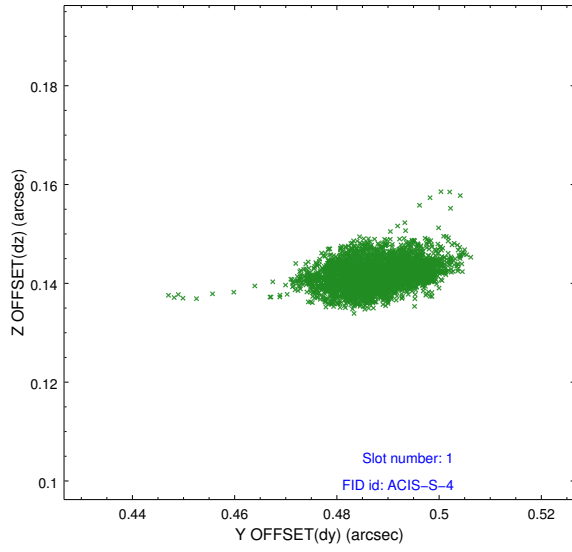


2.5 FID Slots

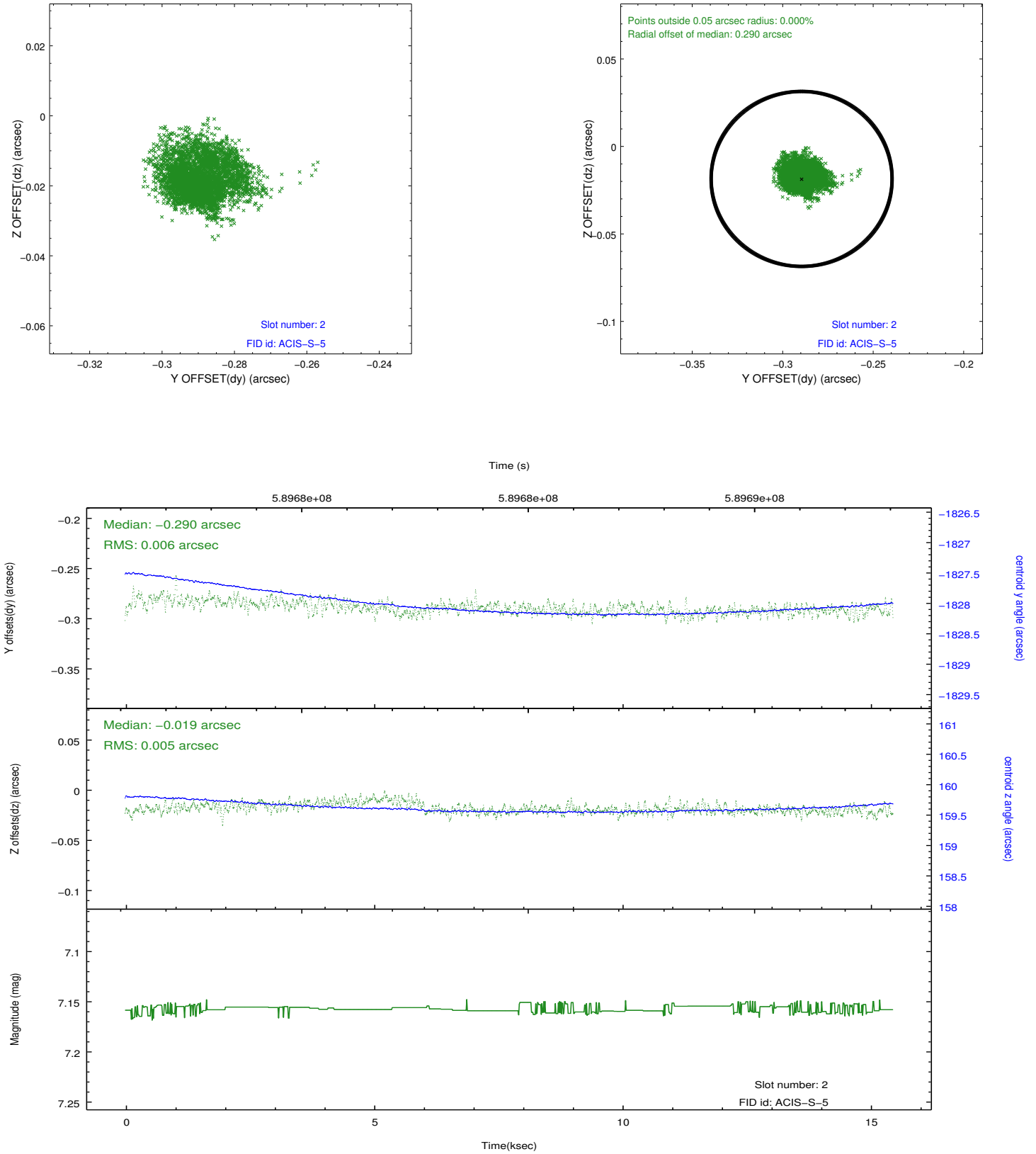
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.09.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.332799086094

A.2 Comments