

V&V Reference Report

L2 ASCDS Version : 10.8

Observation 22268 - L2 Version 1
Chandra X-Ray Center

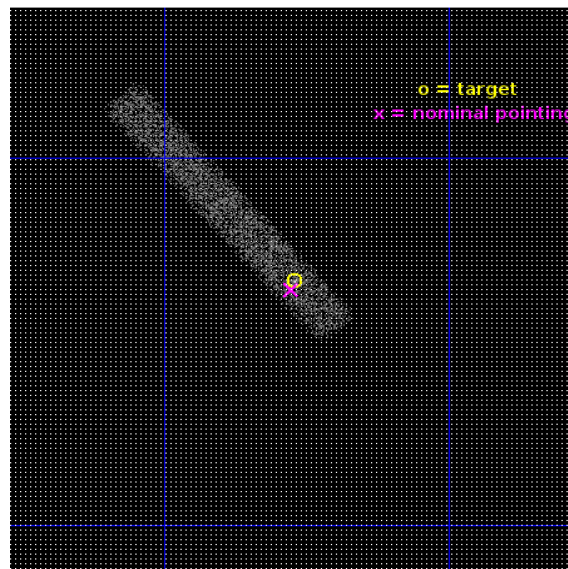
L2 Processing Date : Jun 29 2019

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1 Front

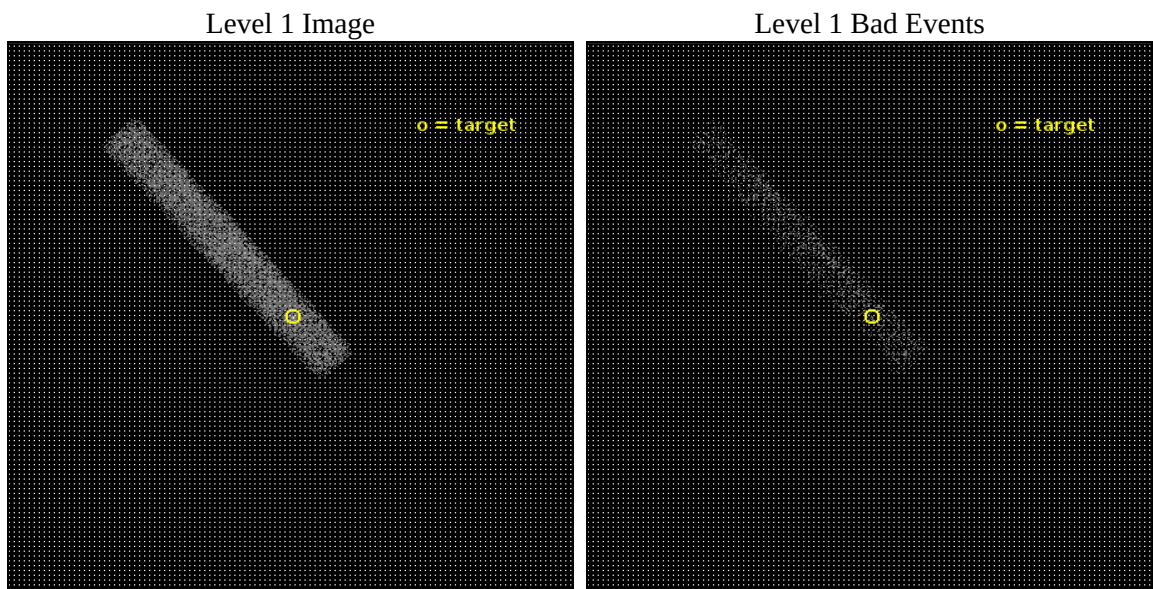
seq_num	703906	Sequence number
obs_id	22268	Observation id
title	C-BASS: A Chandra Legacy Survey of AGN at the Highest Spatial Resolutions	Proposal title
observer	Michael Koss	Principal investigator
object	MCG-1-24-12	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	140.192734	Observer's specified target RA [deg]
dec_targ	-8.056097	Observer's specified target Dec [deg]
ra_nom	140.19407258942	Nominal RA [deg]
dec_nom	-8.0599998471301	Nominal Dec [deg]
roll_nom	228.15685773789	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10069.19939971	Sum of GTIs [s]
livetime	9132.2323596134	Livetime [s]
ontime7	10069.19939971	Sum of GTIs [s]
l2events	7130	Number of level 2 events



2 OBI

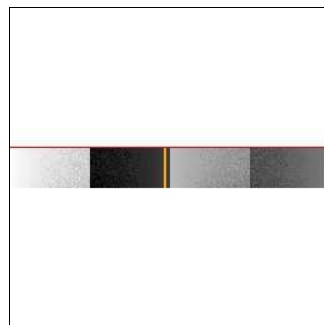
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.8	Processing system revision	ontime	10069.19939971	Sum of GTIs [s]
caldsver	4.8.3	 	ontime7	10069.19939971	Sum of GTIs [s]
date	2019-06-29T23:59:25	Date and time of file creation	l1events	14154	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

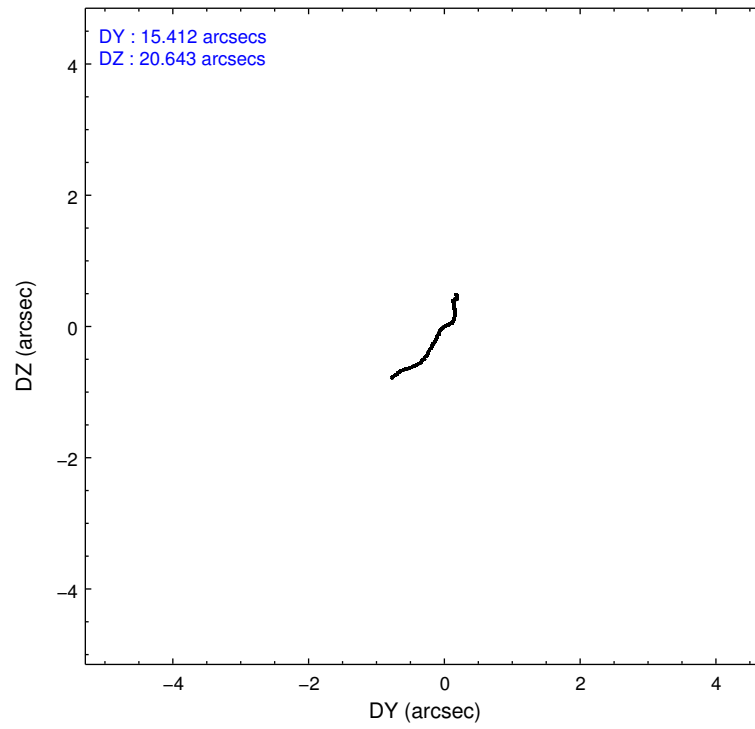
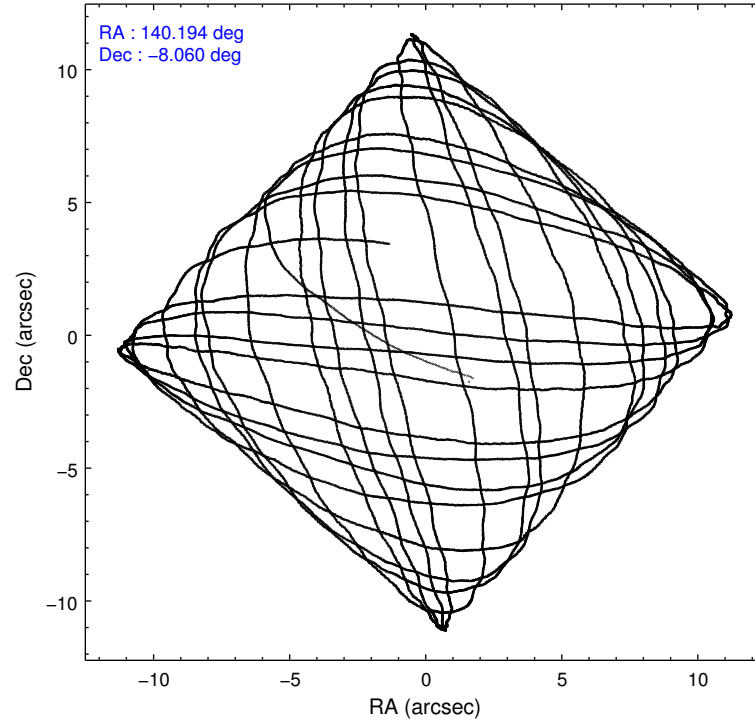
	ccd 7
level 1 events	14154
rejected events	6725
rejected %	47%

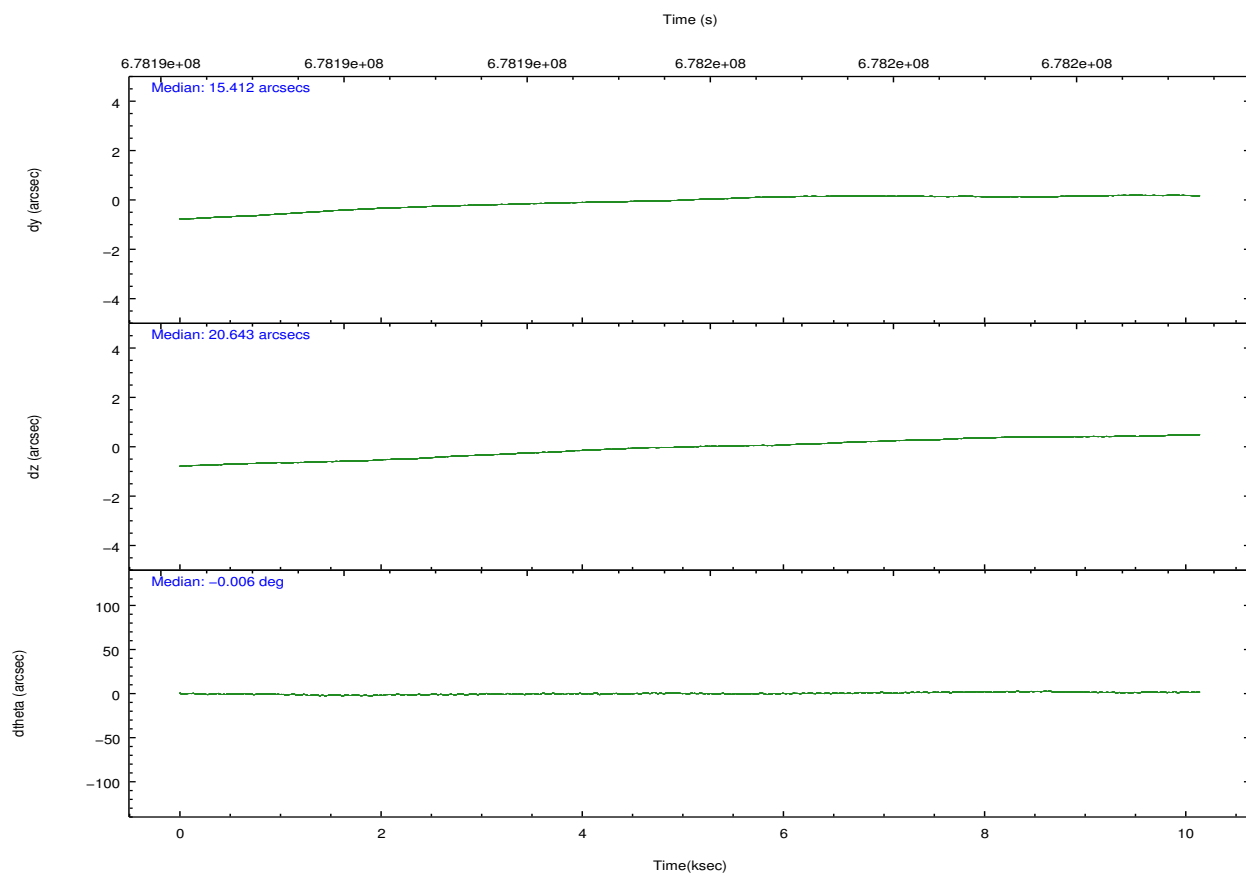
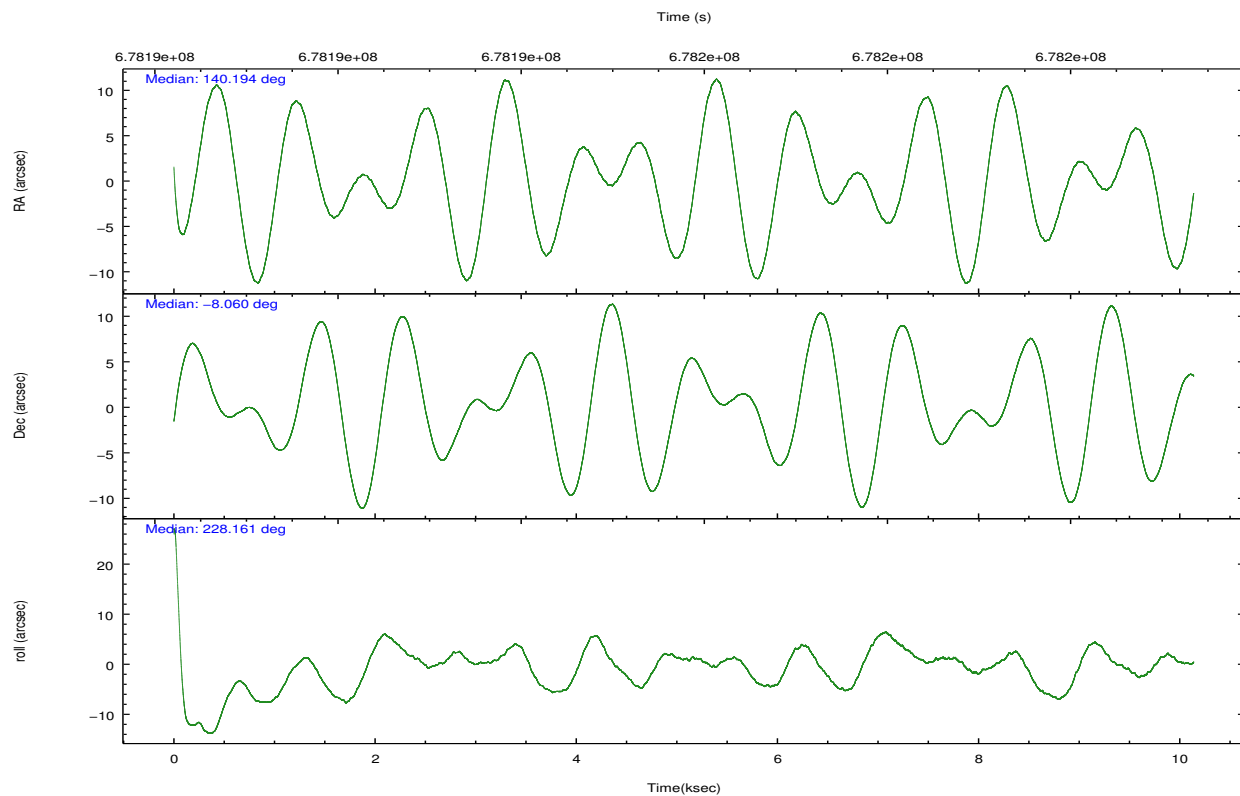
	ccd 7
grade 0 events	850
	6%
grade 1 events	32
	0%
grade 2 events	1515
	10%
grade 3 events	938
	6%
grade 4 events	884
	6%
grade 5 events	1326
	9%
grade 6 events	3242
	22%
grade 7 events	5367
	37%

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	140.199434	140.1940725894224	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-8.033086	-8.059999847130133	Subarray start row	449	449
[deg] Pointing Roll	228.000934	228.1568577378861	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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	678190839.184000	678189463.33982			
Observation start date	2019-06-29T10:19:30	2019-06-29T09:57:43			
[s] Observation end time (MET)	678200839.184000	678201879.16557			
Observation end date	2019-06-29T13:06:10	2019-06-29T13:24:39			
Read mode	TIMED	TIMED			

2.3 Aspect



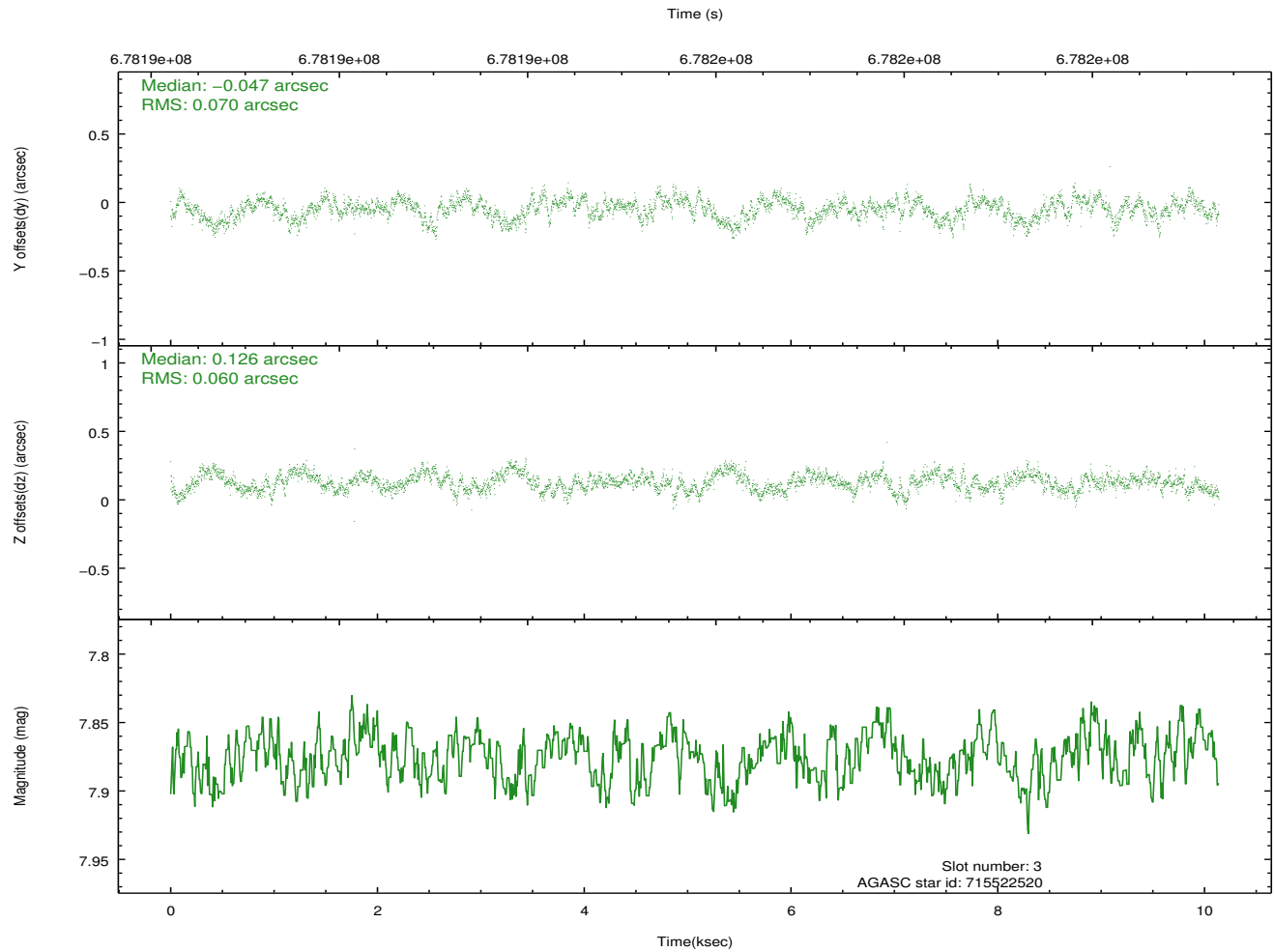
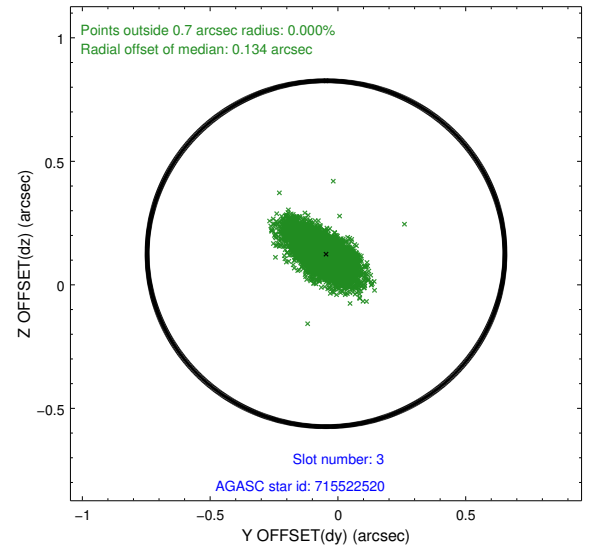
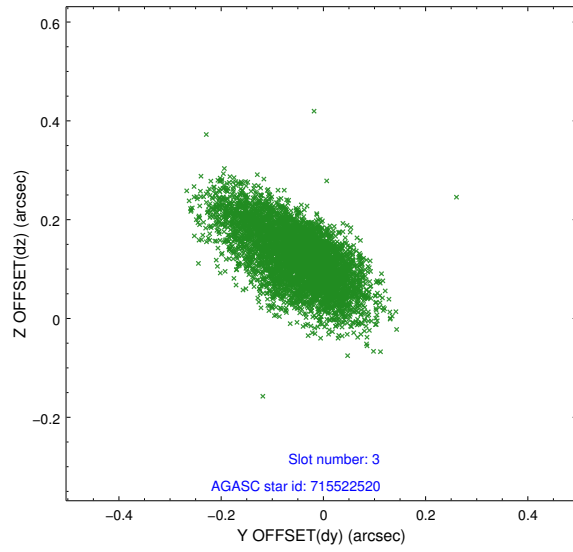


Slot Statistics

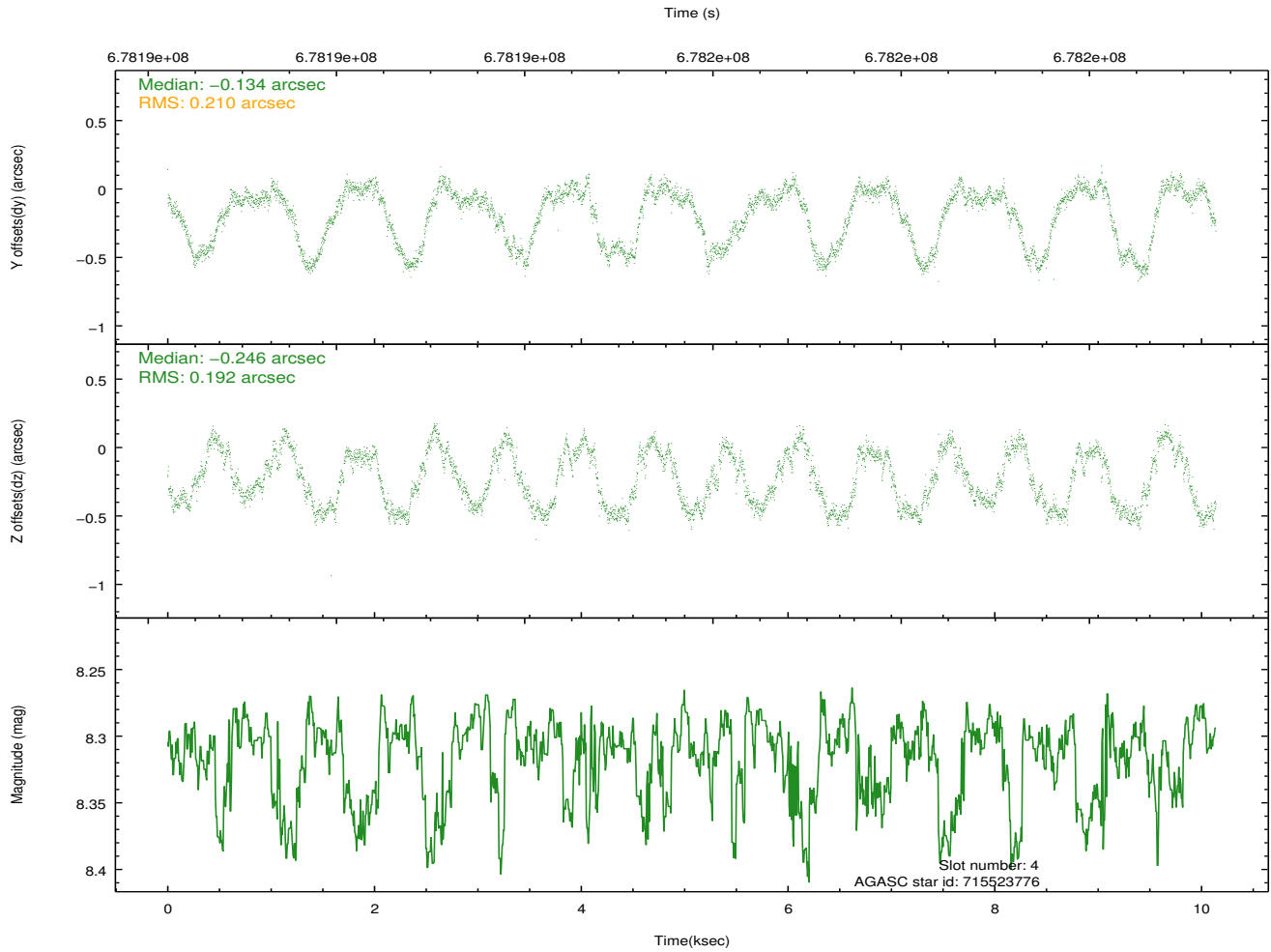
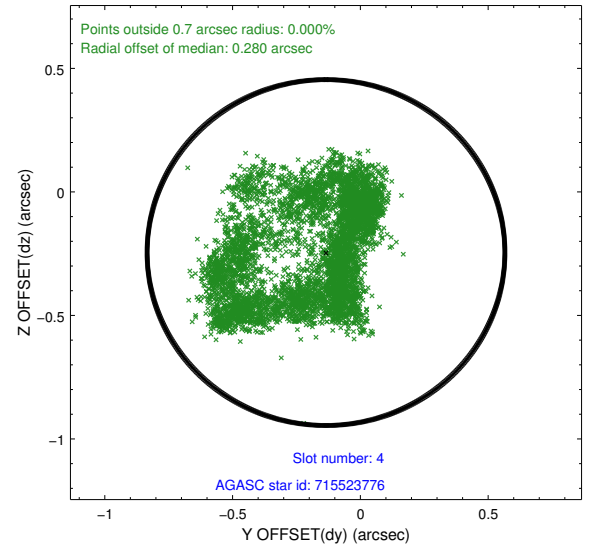
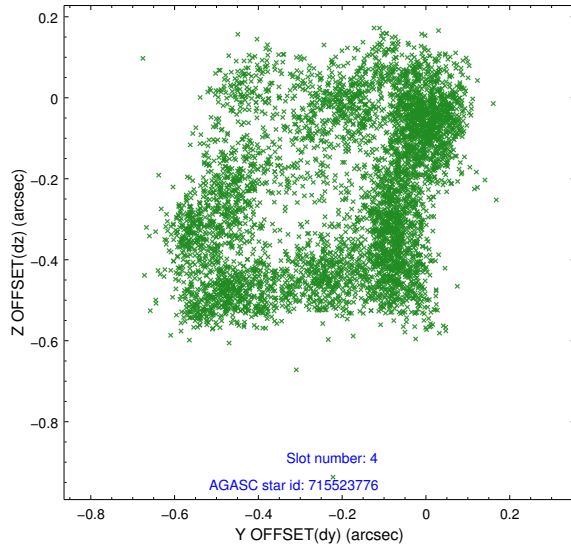
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-2	6.96	2473	1.000	-0.315	-0.179	0.010	0.021	0.000000	0.000000	-768.55	-1742
1	FID		ACIS-S-4	7.09	2473	1.000	0.754	0.200	0.010	0.016	0.000000	0.000000	2145.49	166
2	FID		ACIS-S-5	7.04	2472	1.000	-0.470	-0.012	0.011	0.022	0.000000	0.000000	-1820.95	160
3	GUIDE	used	715522520	7.87	4947	1.000	-0.047	0.126	0.095	0.170	140.785210	-7.713369	-2251.68	783
4	GUIDE	used	715523776	8.31	4946	1.000	-0.134	-0.246	0.313	0.453	140.468774	-8.410026	367.17	1620
5	GUIDE	used	715524288	7.57	4946	1.000	0.199	0.085	0.109	0.169	140.184752	-7.730140	-772.46	-769
6	GUIDE	used	715527000	9.06	4933	1.000	0.140	0.122	0.208	0.290	140.722446	-7.636877	-2307.04	433
7	GUIDE	used	715527272	8.99	4942	1.000	-0.102	-0.108	0.214	0.314	140.736457	-8.070845	-1178.38	1514

2.4 Star Slots

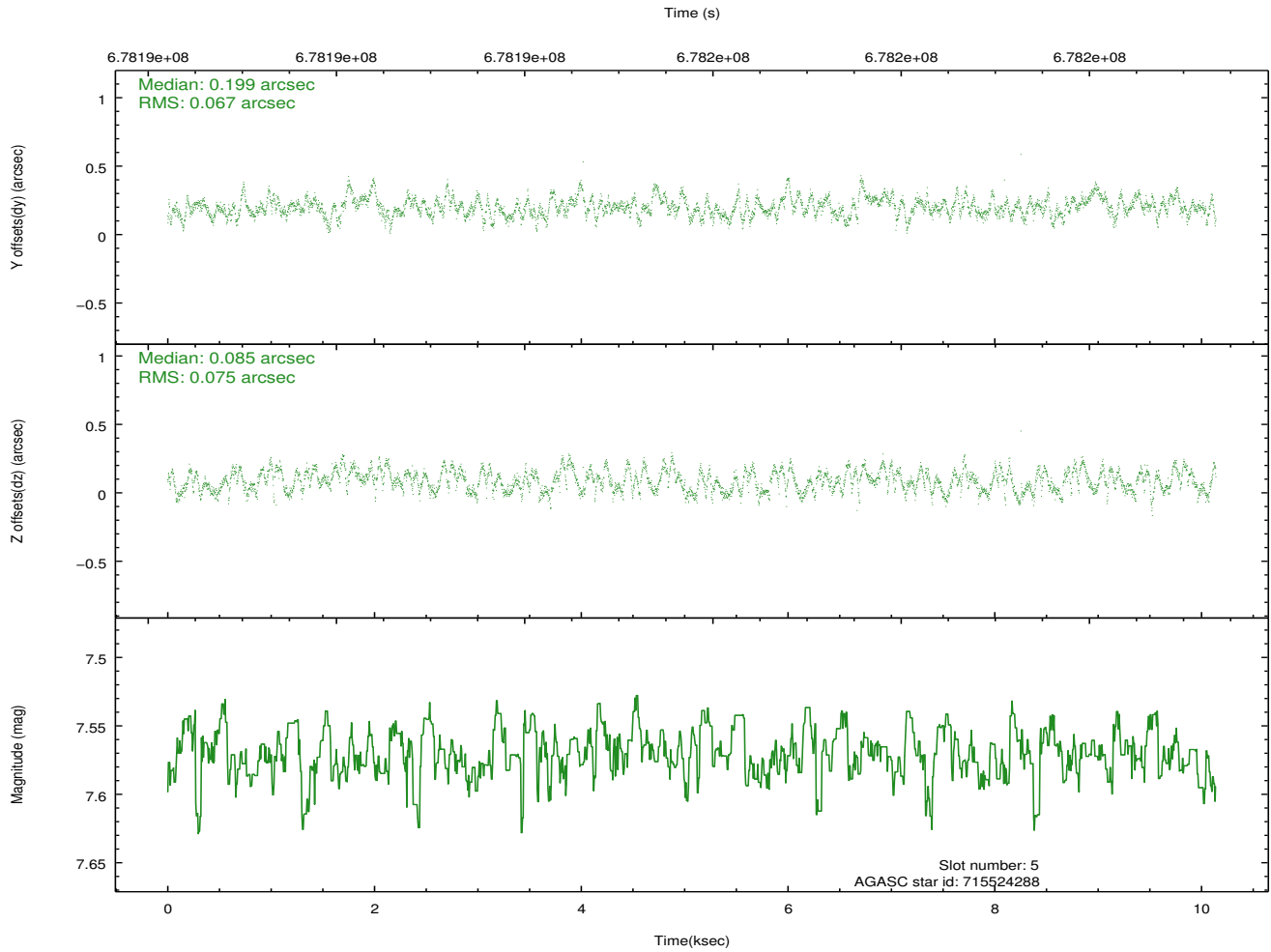
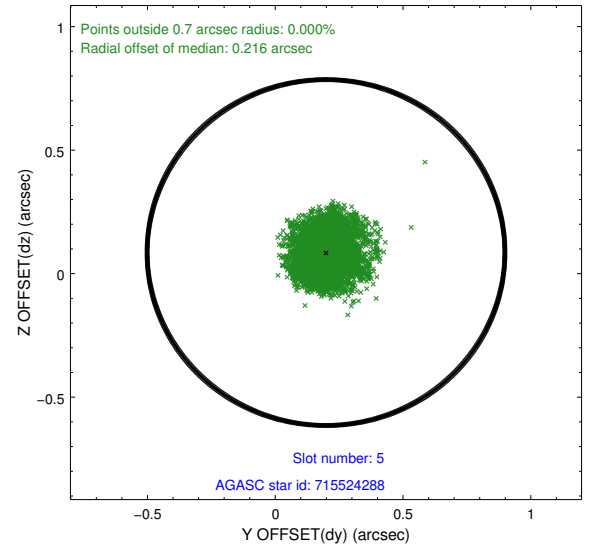
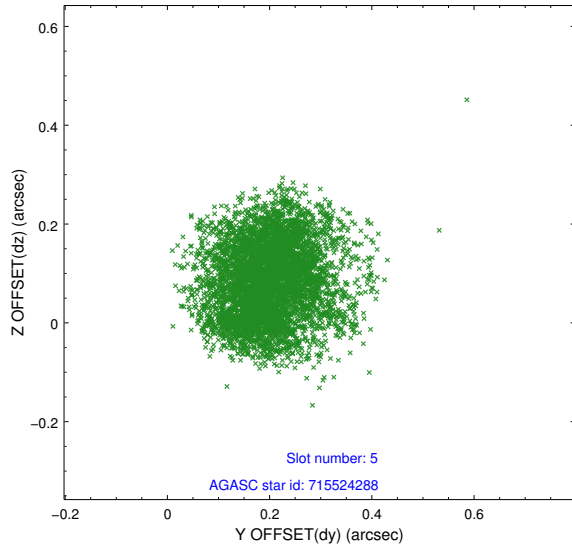
2.4.1 Slot 3



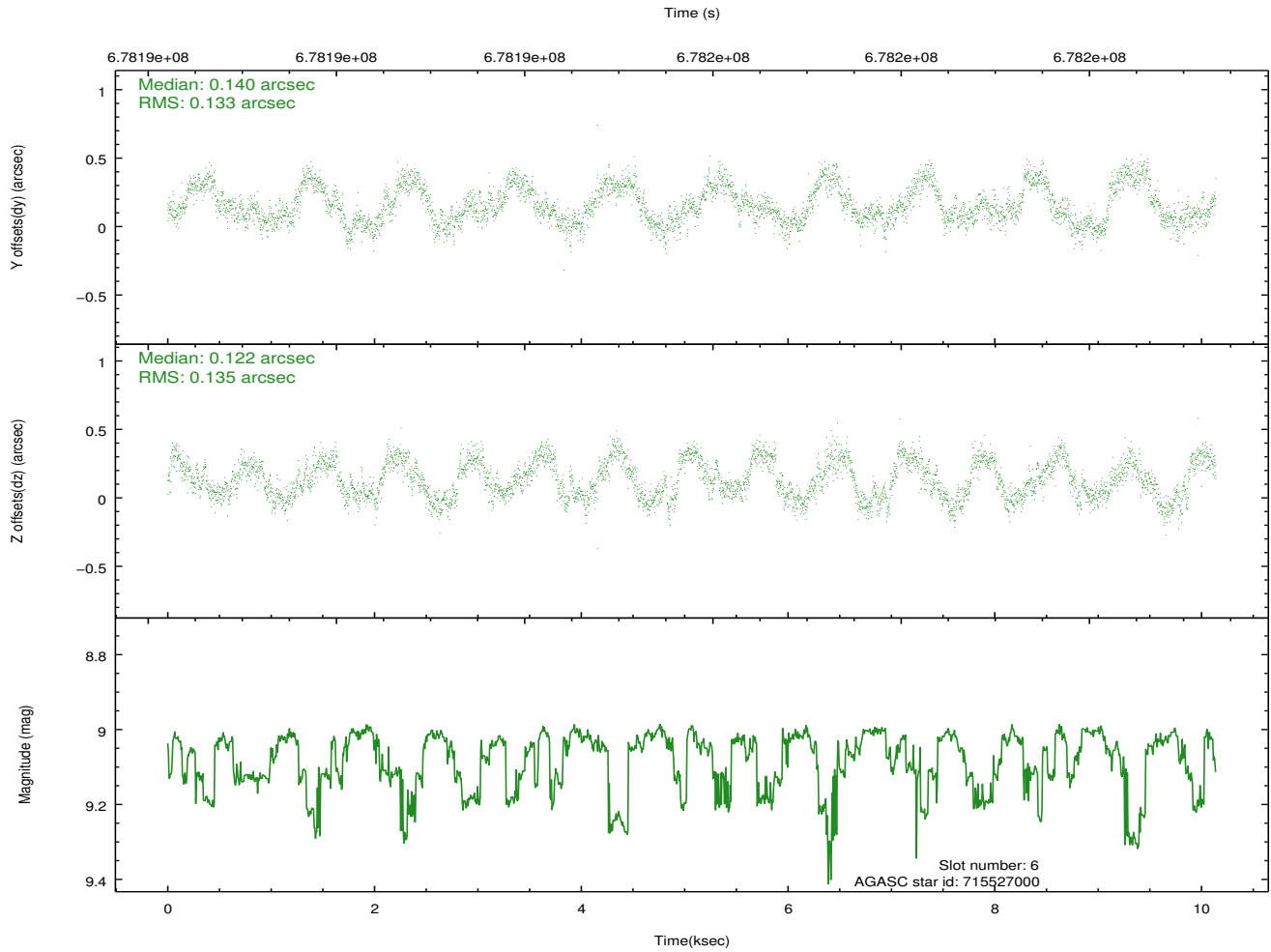
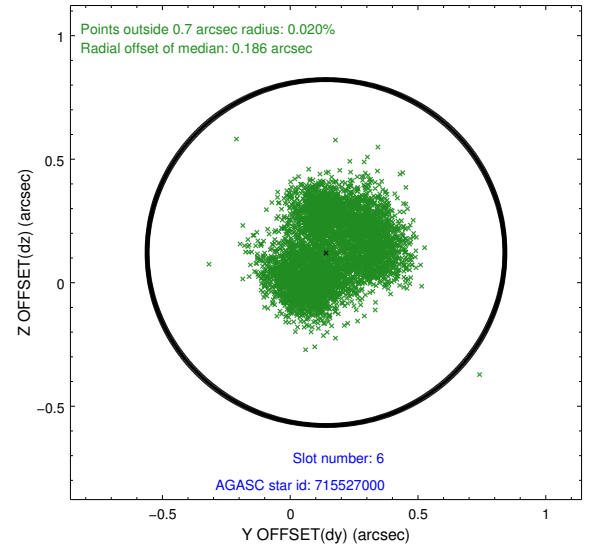
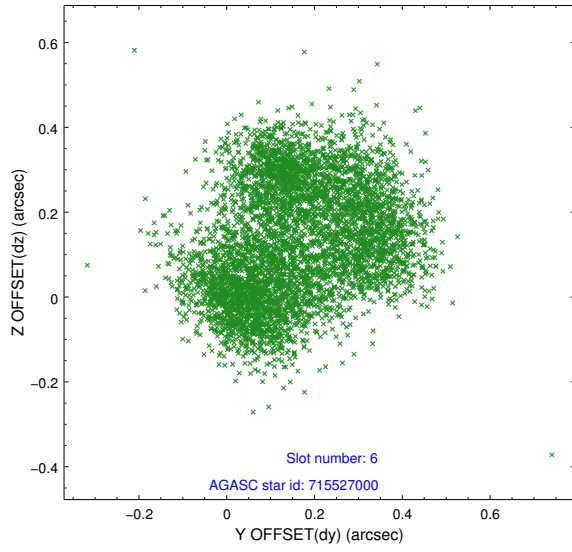
2.4.2 Slot 4



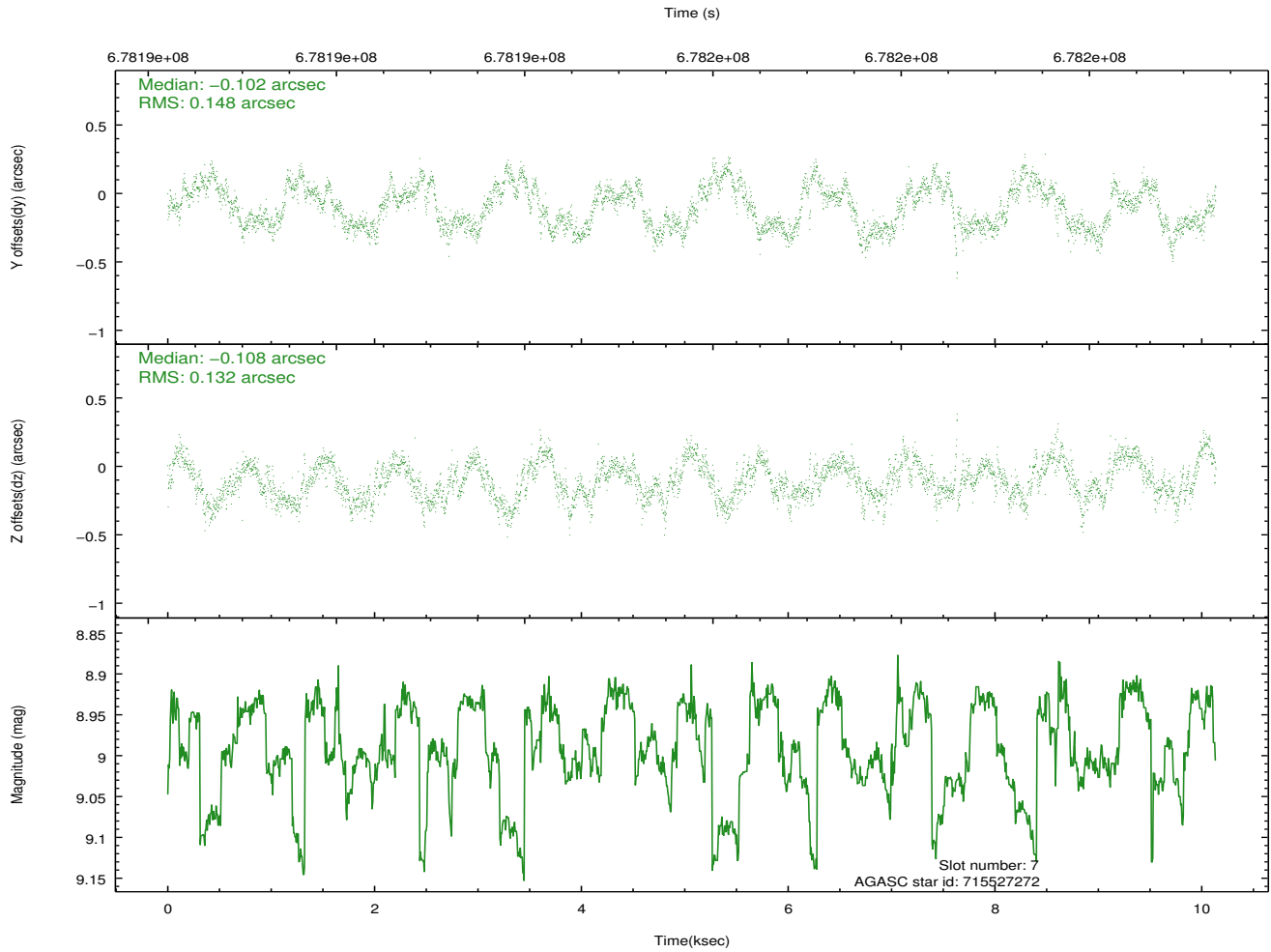
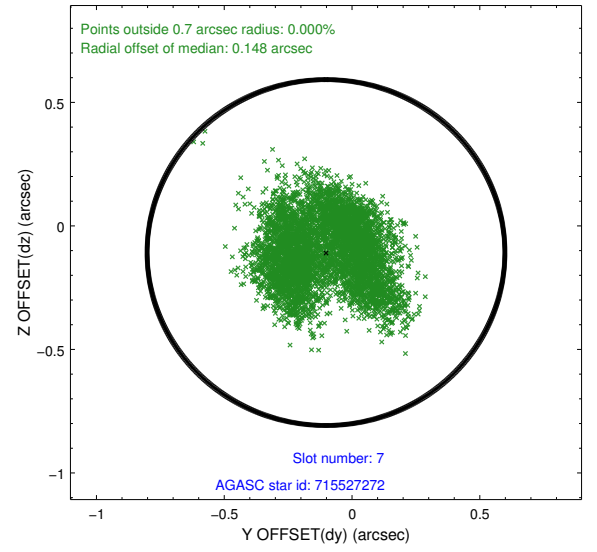
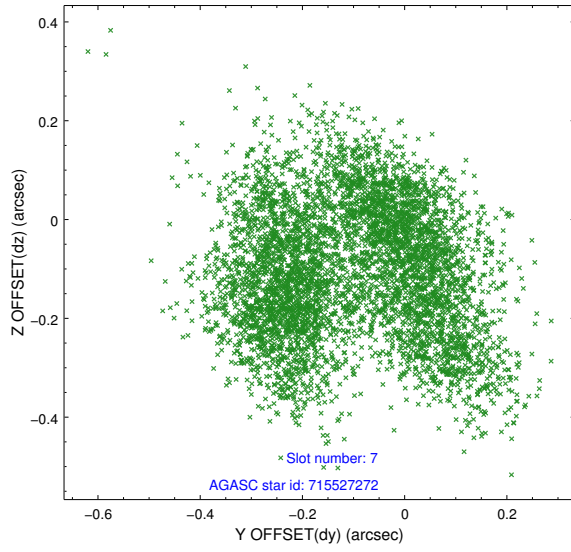
2.4.3 Slot 5



2.4.4 Slot 6

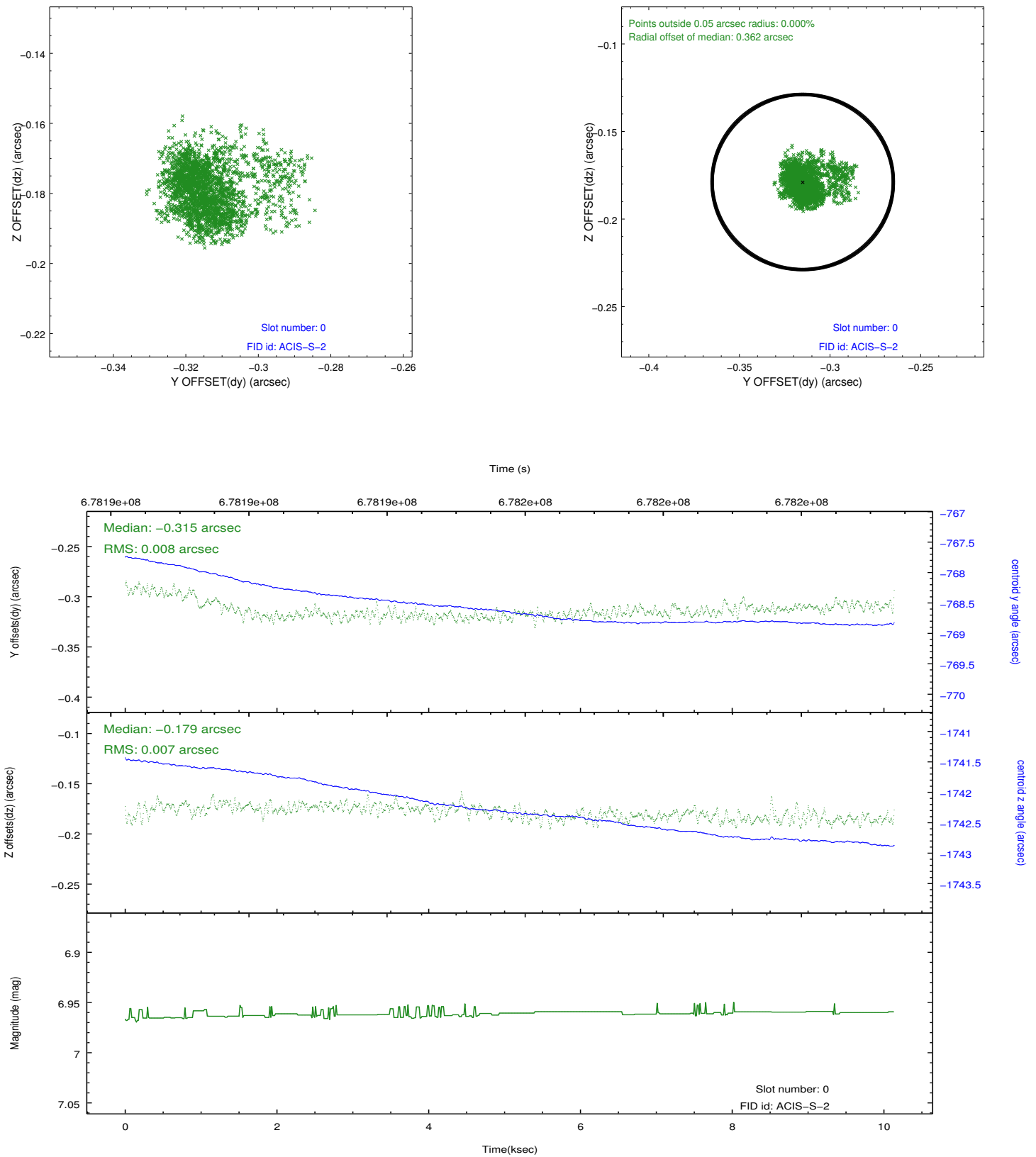


2.4.5 Slot 7

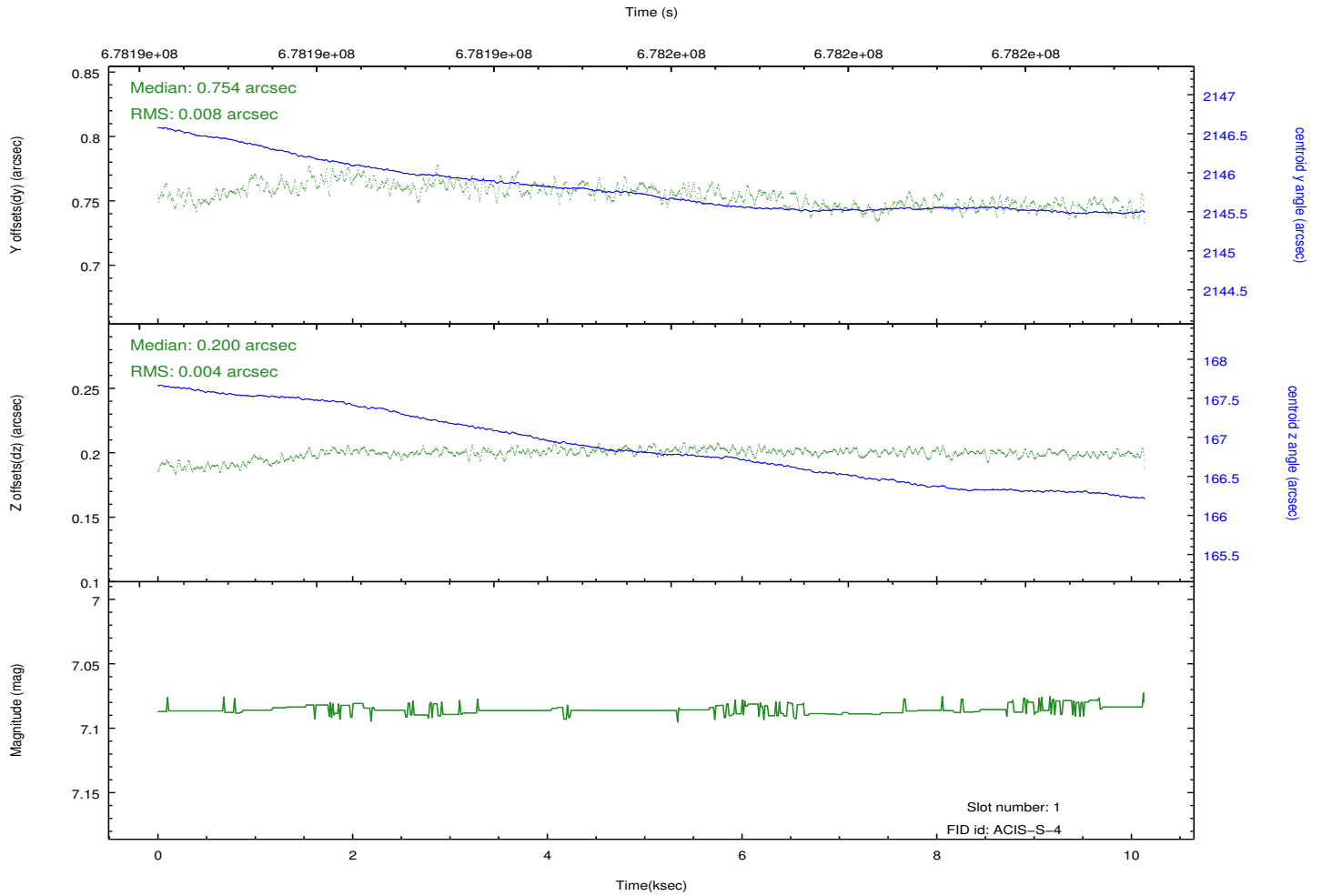
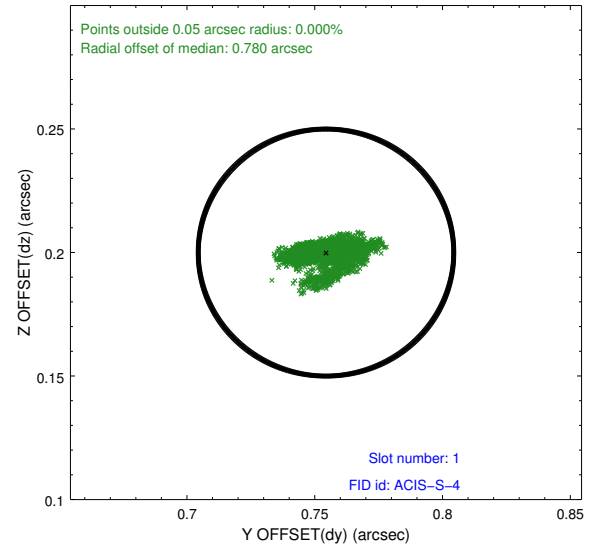
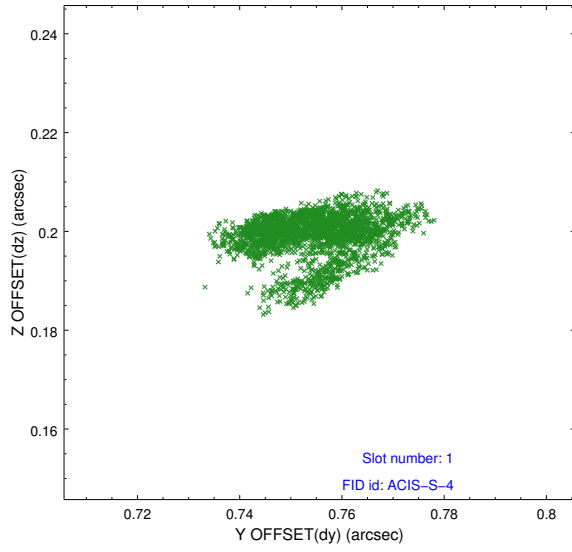


2.5 FID Slots

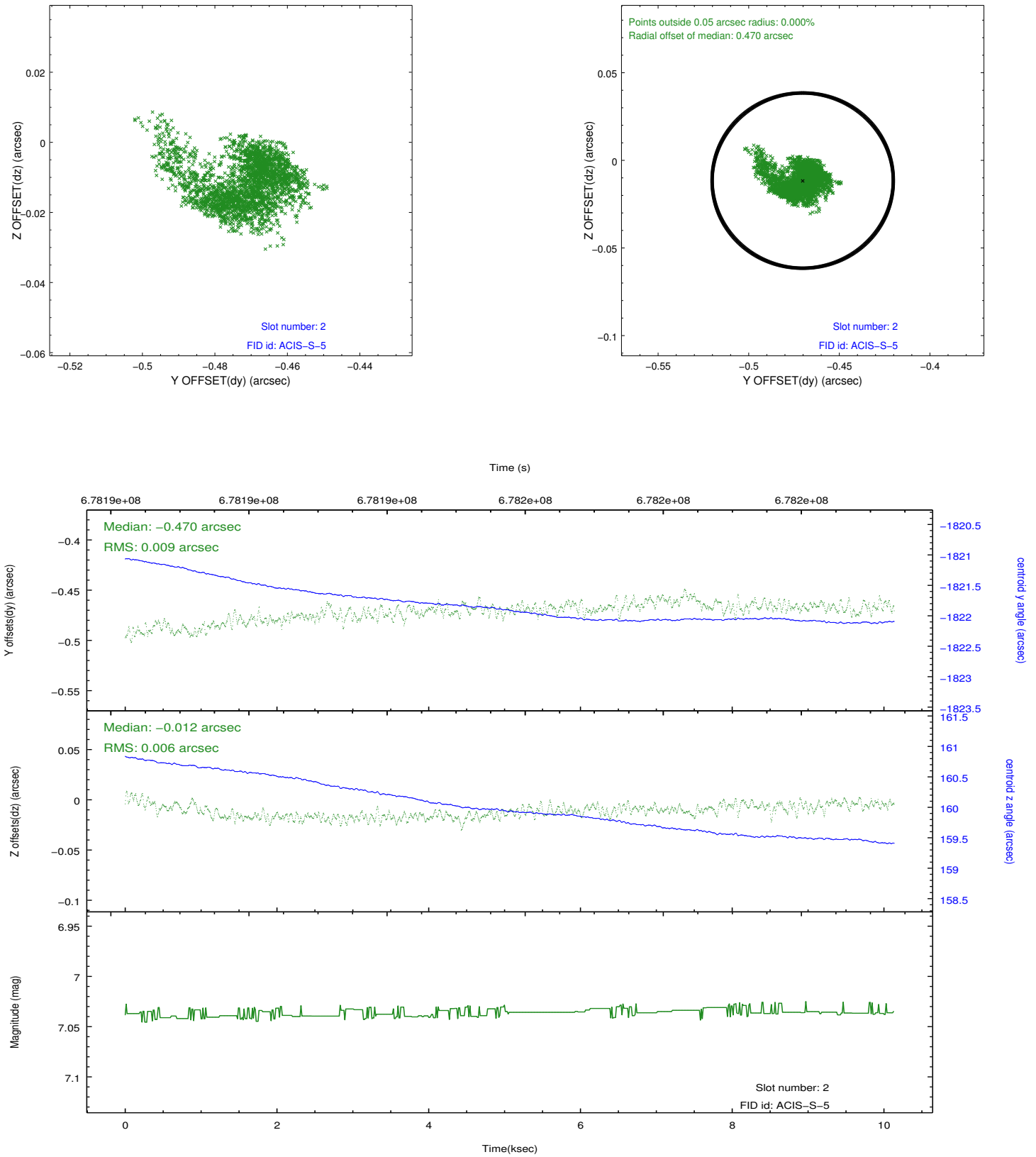
2.5.1 Slot 0



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)	2019.06.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.06919939971

A.2 Comments