

# V&V Reference Report

## L2 ASCDS Version : 10.9.1

Observation 4896 - L2 Version 4  
Chandra X-Ray Center

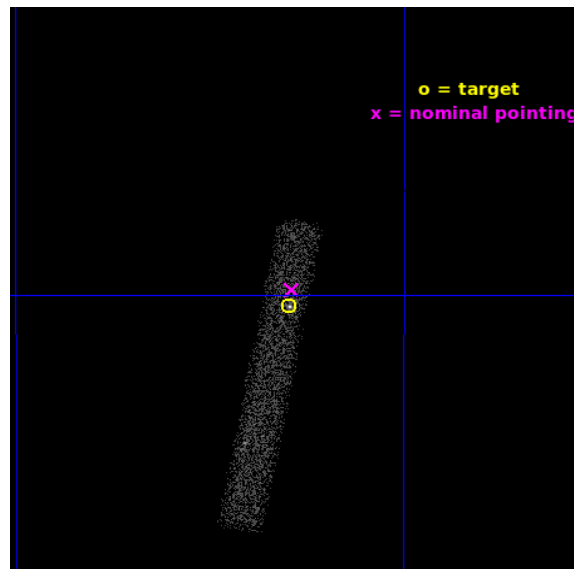
L2 Processing Date : Sep 26 2020

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# 1 Front

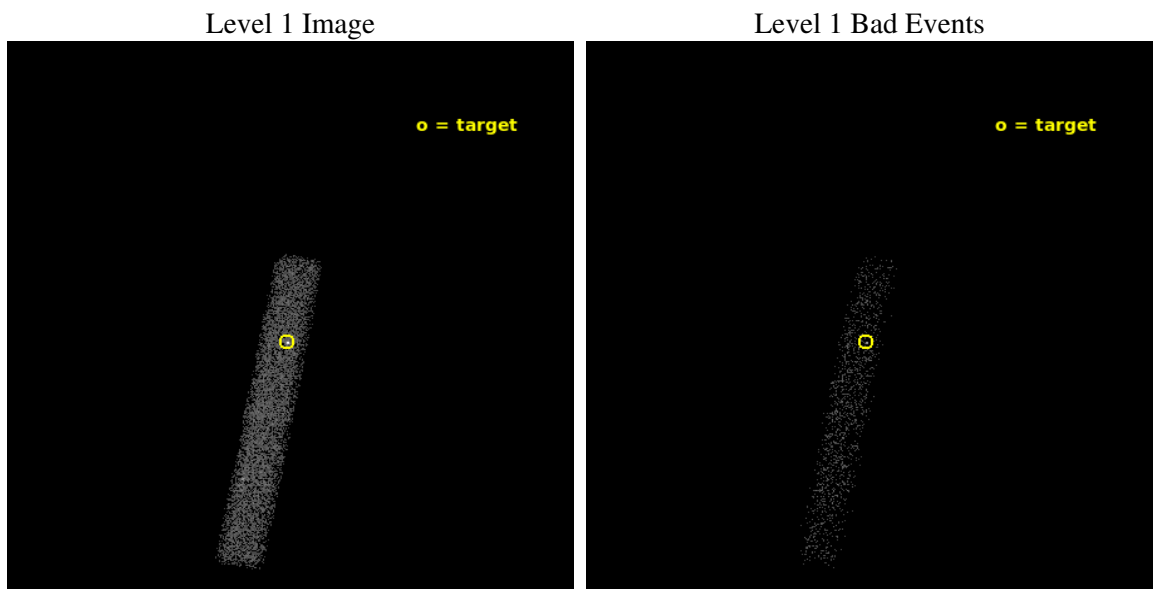
seq_num	700978	Sequence number
obs_id	4896	Observation id
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets	&#160
observer	Herman Marshall	Principal investigator
object	QSO B2326-477	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	352.32375	Observer's specified target RA [deg]
dec_targ	-47.505306	Observer's specified target Dec [deg]
ra_nom	352.32211883764	Nominal RA [deg]
dec_nom	-47.49774431006	Nominal Dec [deg]
roll_nom	100.81583711617	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9150.4001363218	Sum of GTIs [s]
livetime	8298.9299259222	Livetime [s]
ontime7	9150.4001363218	Sum of GTIs [s]
l2events	7203	Number of level 2 events



## 2 OBI

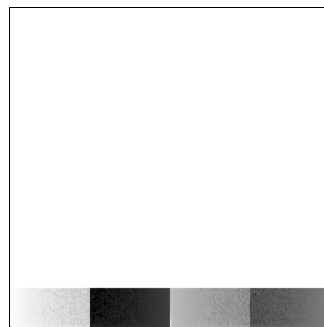
### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9000.000000	[s] Scheduled observation exposure time
ascdsver	10.9.1	Processing system revision	ontime	9150.4001363218	Sum of GTIs [s]
caldsver	4.9.2	&#160	ontime7	9150.4001363218	Sum of GTIs [s]
date	2020-09-26T19:48:33	Date and time of file creation	l1events	16098	Number of level 1 events
revision	4	Processing version of data			

### 2.1.4 Events

	<b>ccd 7</b>
level 1 events	16098
rejected events	8392
rejected %	52%

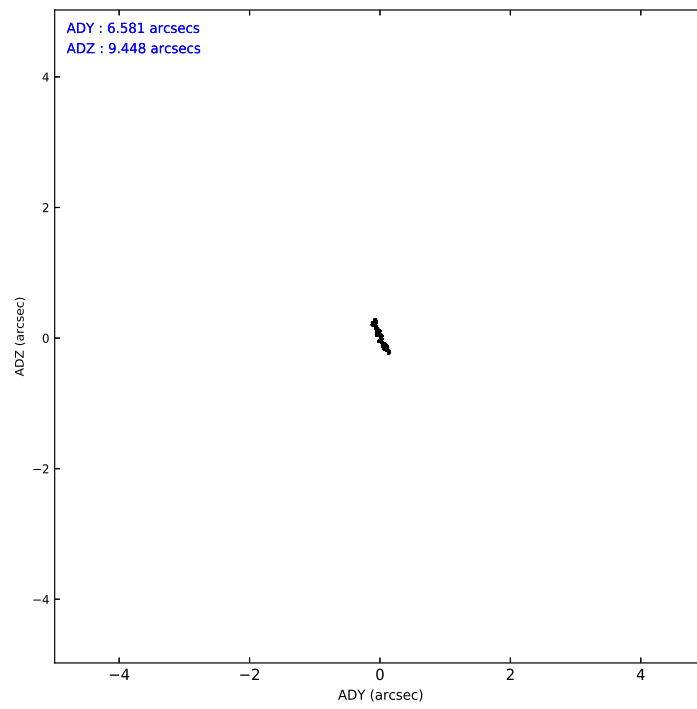
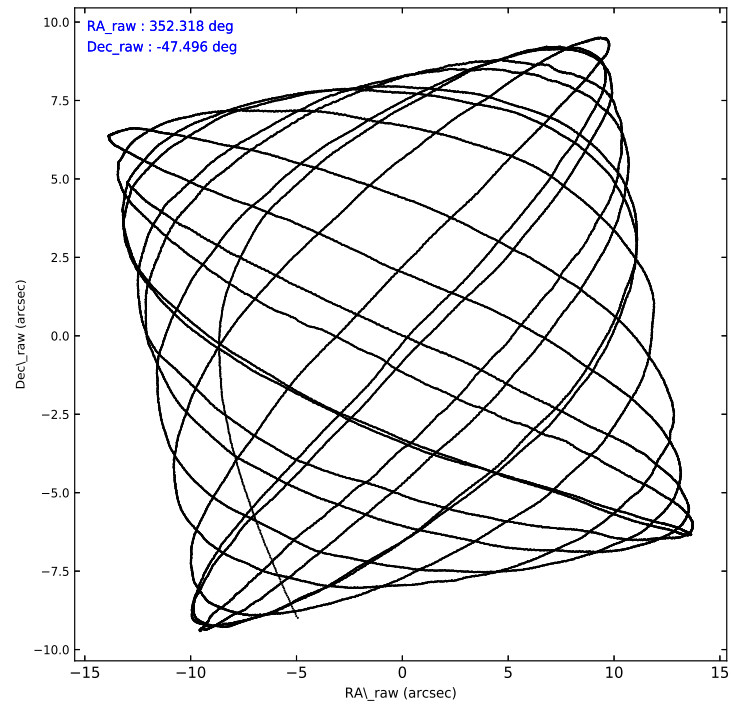
	<b>ccd 7</b>
grade 0 events	1154
	7%
grade 1 events	11
	0%
grade 2 events	1774
	11%
grade 3 events	1046
	6%
grade 4 events	1072
	6%
grade 5 events	1225
	7%
grade 6 events	3623
	22%
grade 7 events	6193
	38%

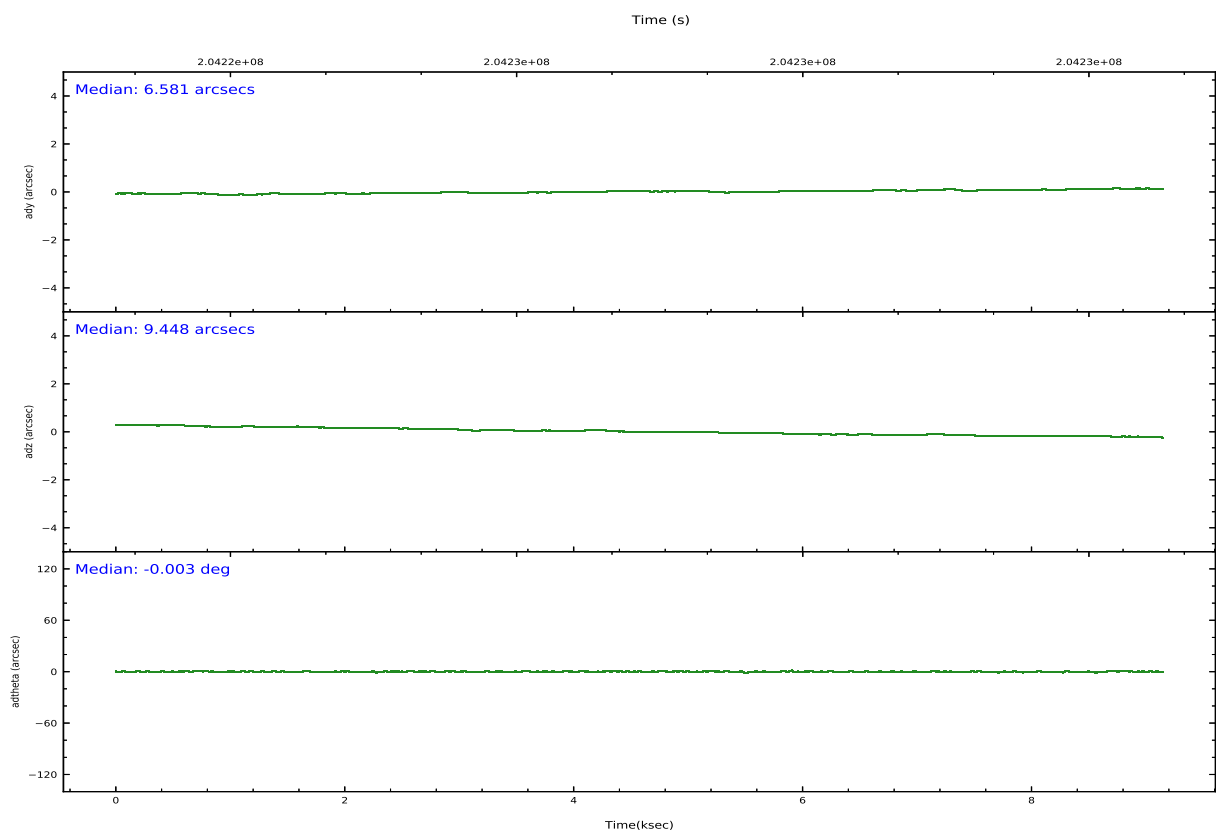
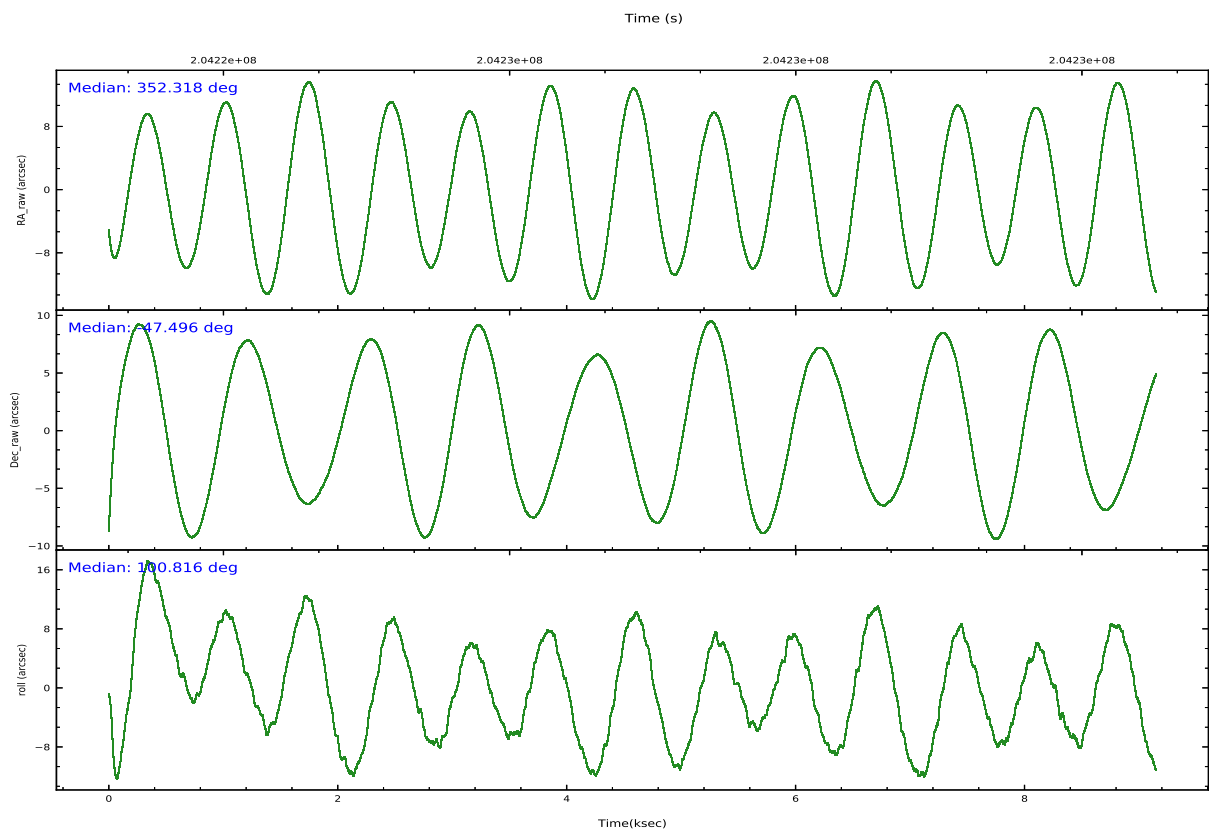


## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar version number	8	8
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	352.344274	352.32211883764	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	-47.516782	-47.49774431006	Subarray start row	1	1
[deg] Pointing Roll	100.680215	100.81583711617	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	-178.632523	-178.6370735452349			
[mm] SIM translation stage offset	-11.5	-11.49544903777291			
[s] Observation start time (MET)	204224149.184000	204222226.52828			
Observation start date	2004-06-21T16:54:45	2004-06-21T16:23:46			
[s] Observation end time (MET)	204233149.184000	204233618.89129			
Observation end date	2004-06-21T19:24:45	2004-06-21T19:33:38			
Read mode	TIMED	TIMED			

## 2.3 Aspect



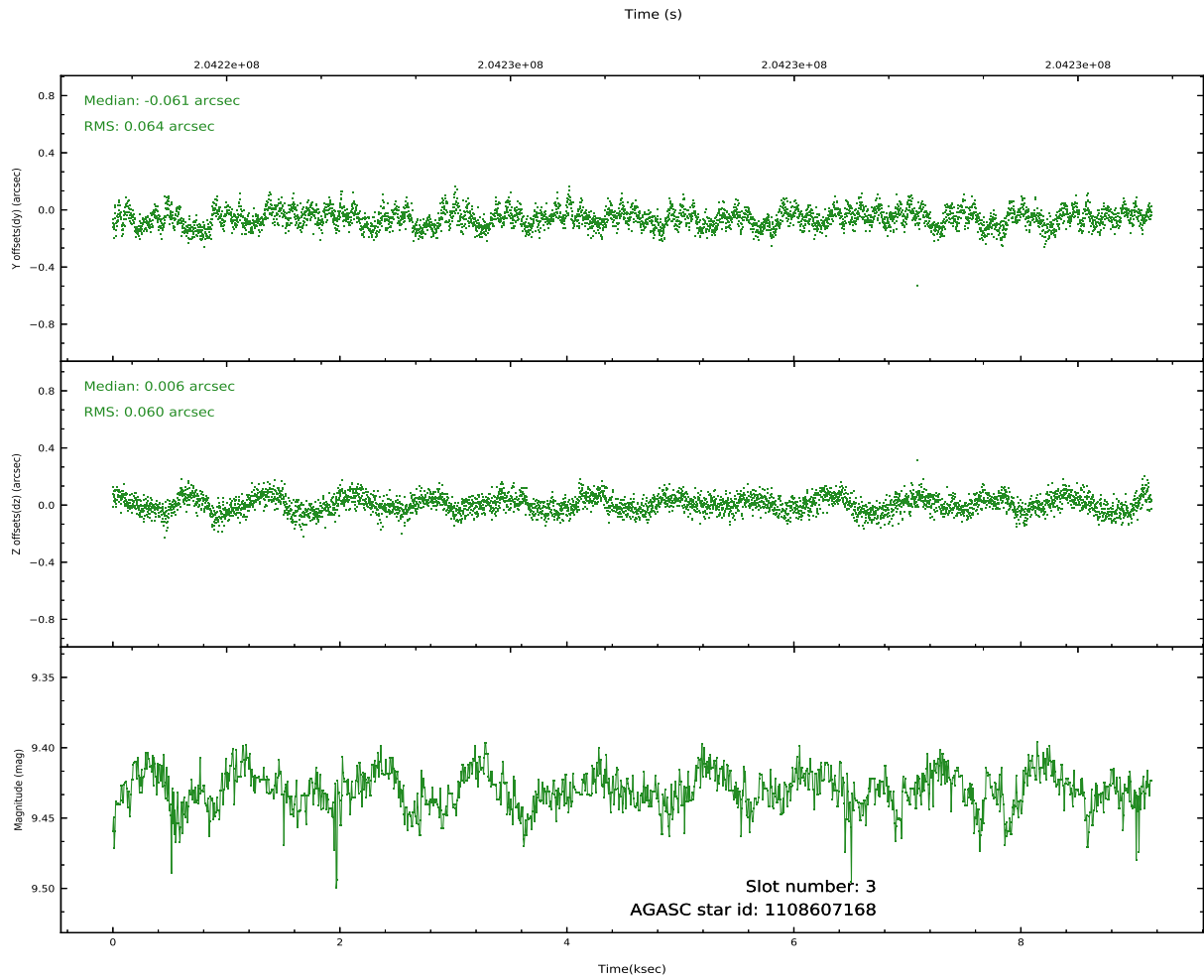
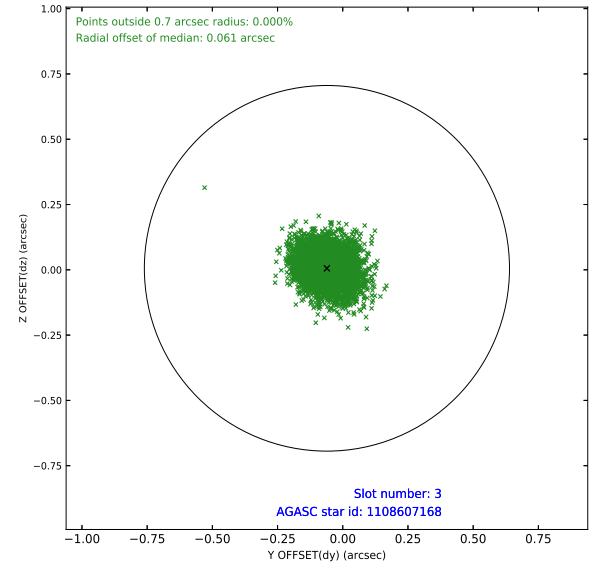
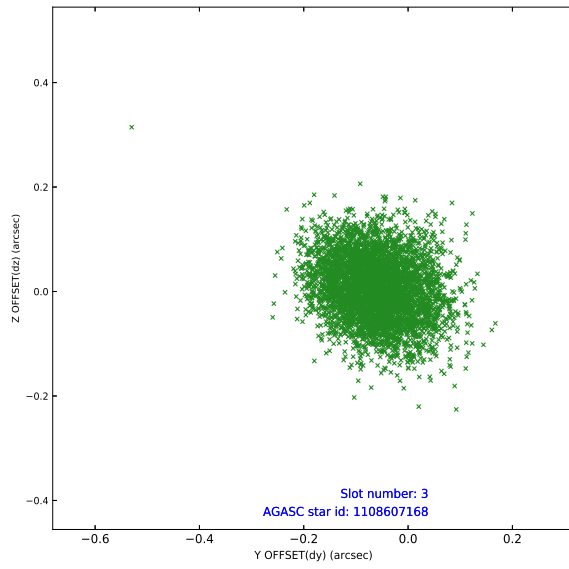


Slot Statistics

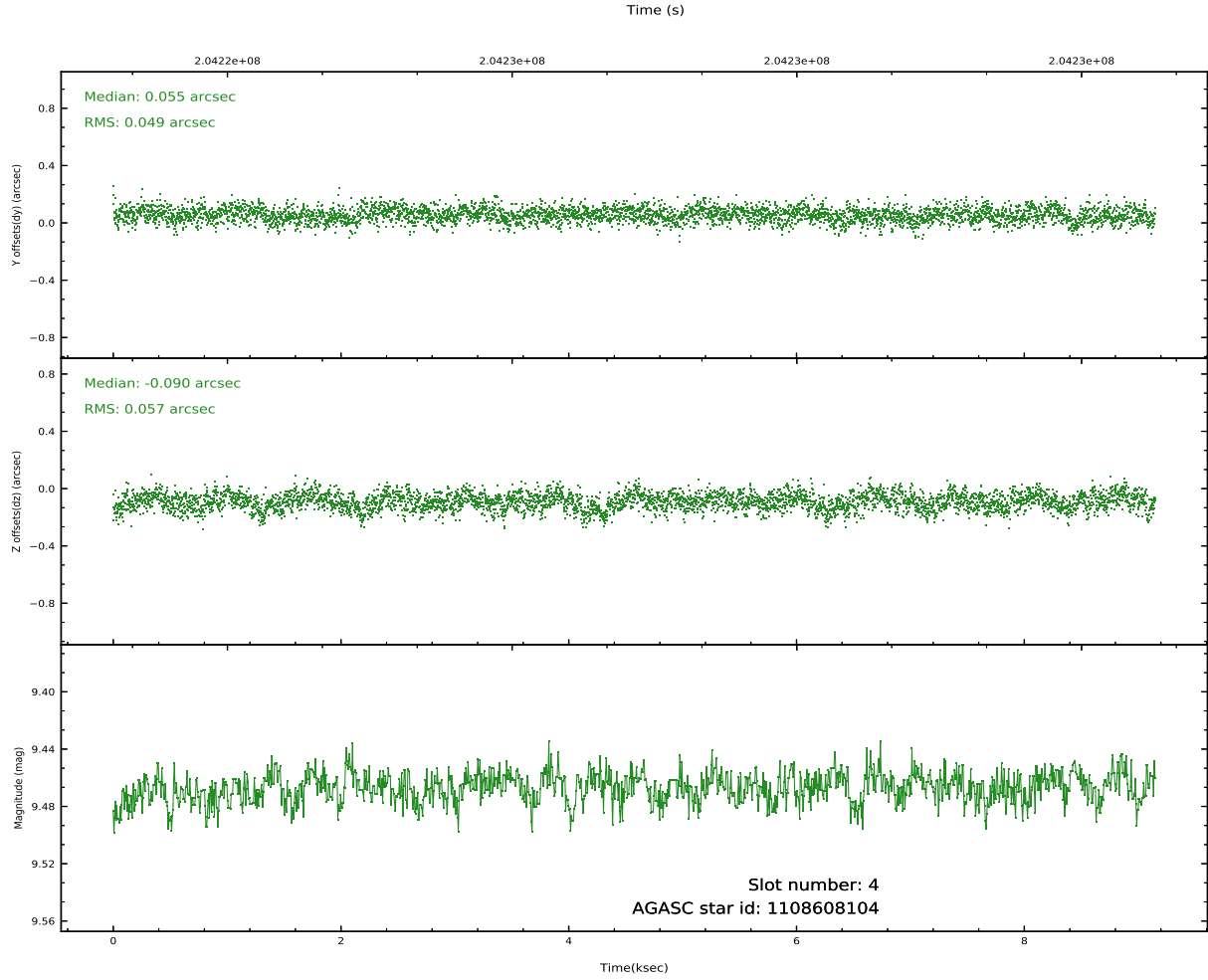
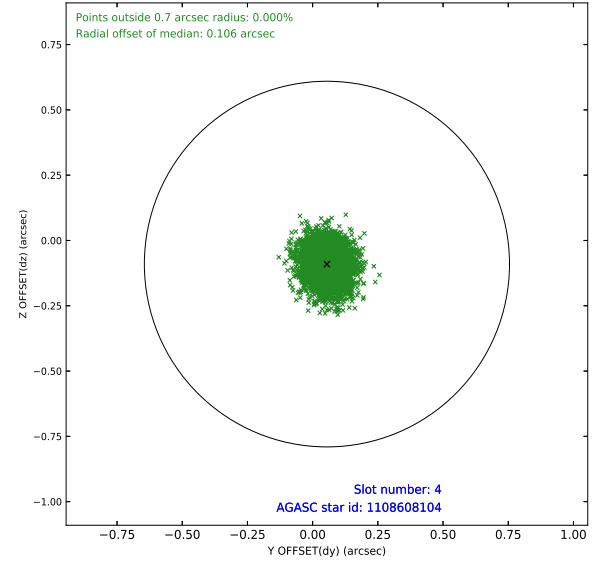
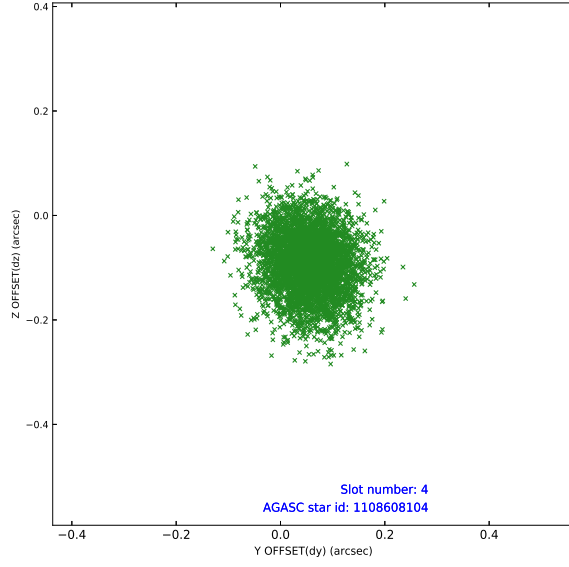
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		ACIS-S-1	7.19	2232	1.000	0.130	0.074	0.007	0.012	0.000000	0.000000	937.61	-1962
1	FID		ACIS-S-5	7.23	2232	1.000	-0.155	0.134	0.008	0.012	0.000000	0.000000	-1811.25	-65
2	FID		ACIS-S-6	7.42	2232	1.000	0.003	-0.198	0.007	0.012	0.000000	0.000000	402.51	578
3	GUIDE	used	1108607168	9.43	4465	1.000	-0.061	0.006	0.094	0.149	351.942816	-47.842179	-973.87	1171
4	GUIDE	used	1108608104	9.47	4461	1.000	0.055	-0.090	0.080	0.130	352.315972	-47.534020	-48.36	79
5	GUIDE	used	1108608576	8.80	4462	1.000	0.046	-0.123	0.085	0.132	351.682708	-48.196987	-2118.89	2015
6	GUIDE	used	1108739984	8.71	4463	1.000	-0.029	0.118	0.058	0.095	352.619085	-47.570456	-315.07	-618
7	GUIDE	used	1108741336	8.66	4463	1.000	-0.009	0.090	0.057	0.091	352.973754	-47.971233	-1894.93	-1186

## 2.4 Star Slots

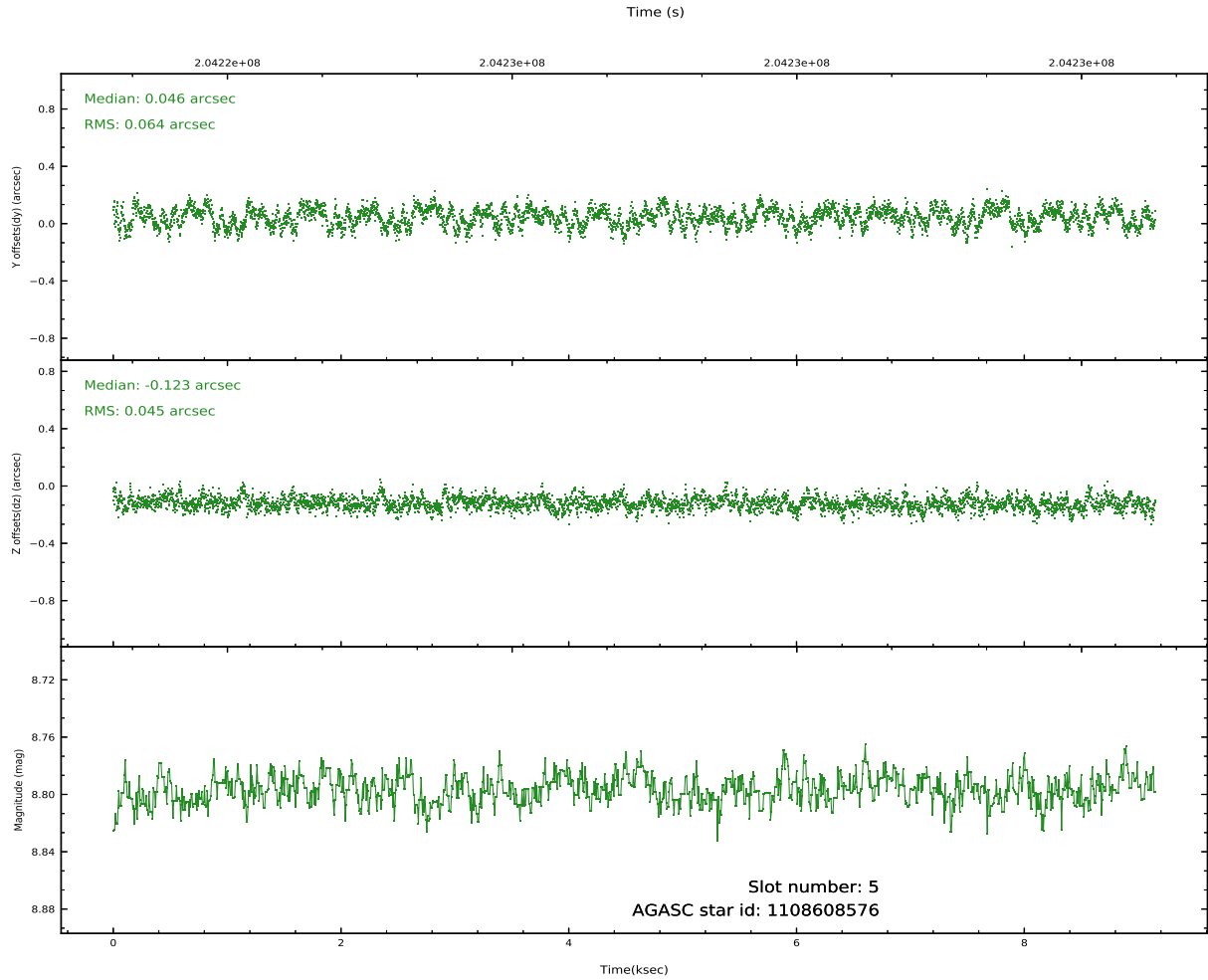
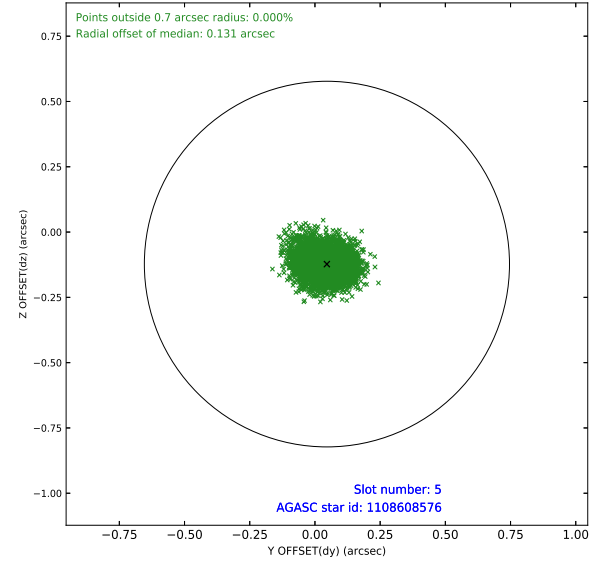
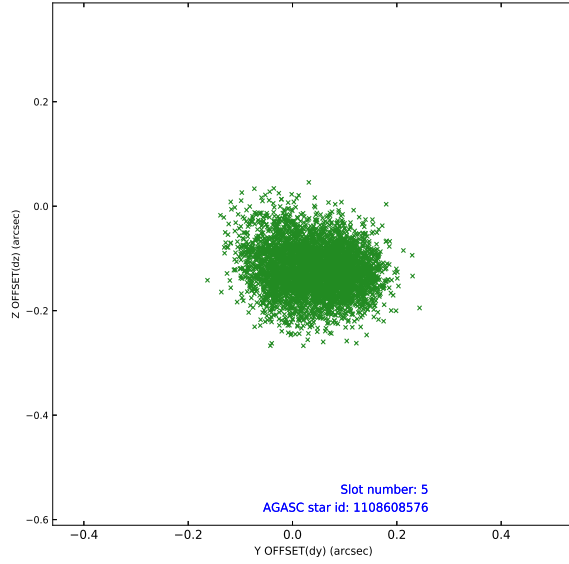
### 2.4.1 Slot 3



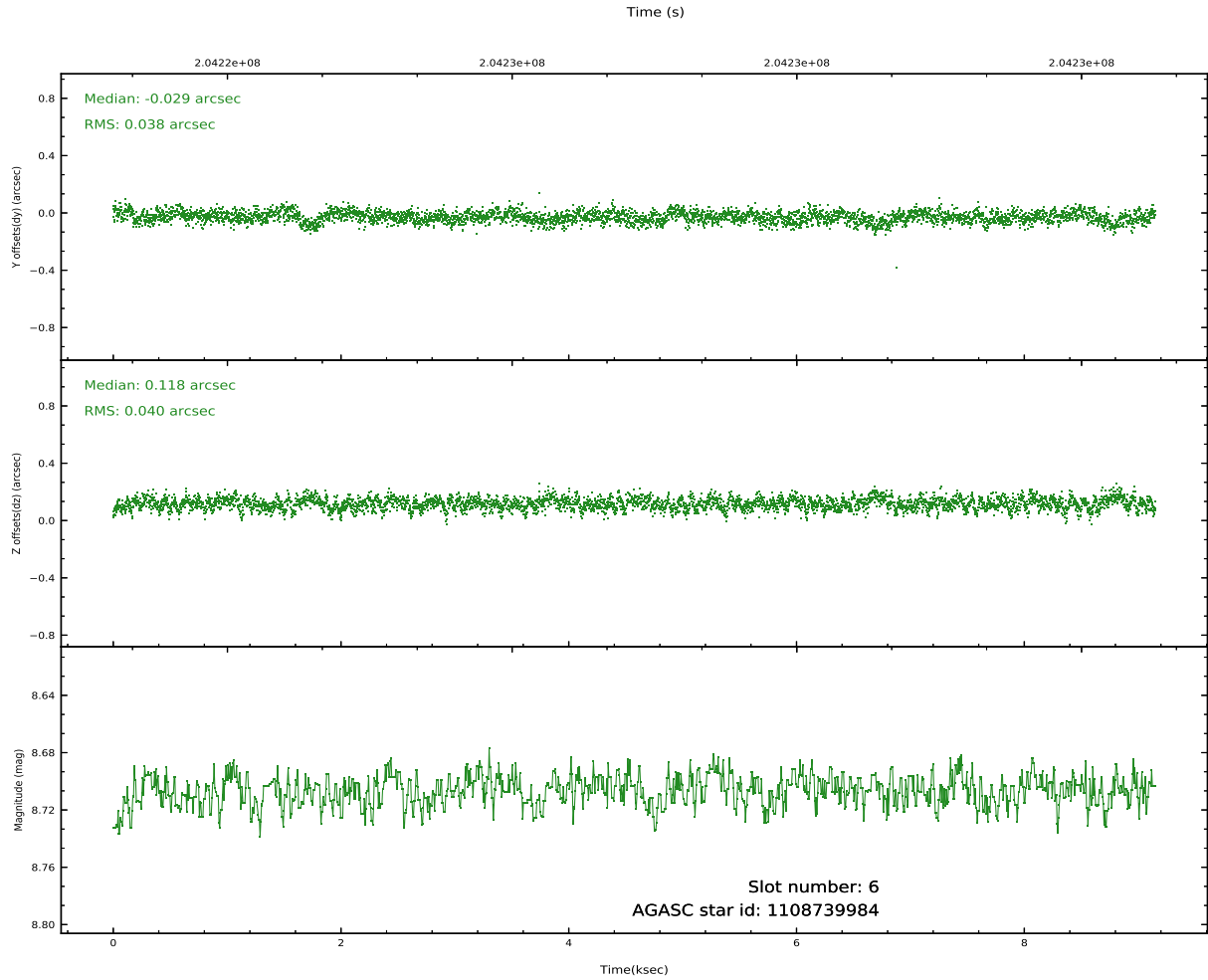
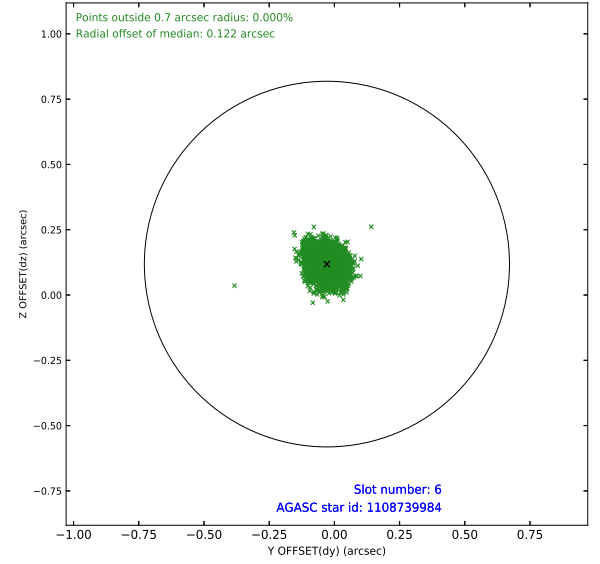
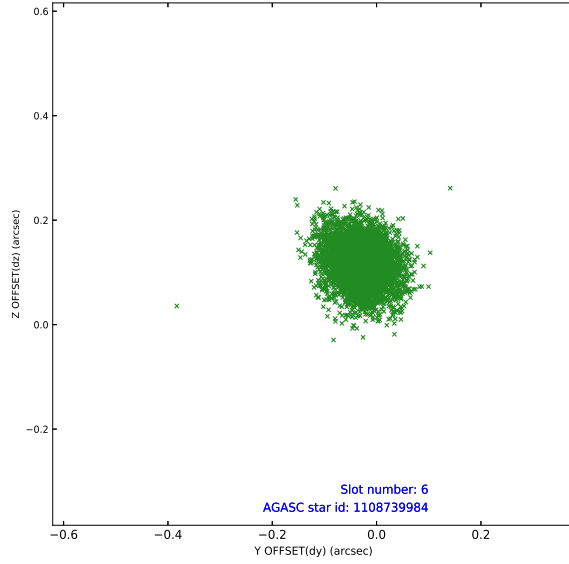
## 2.4.2 Slot 4



### 2.4.3 Slot 5

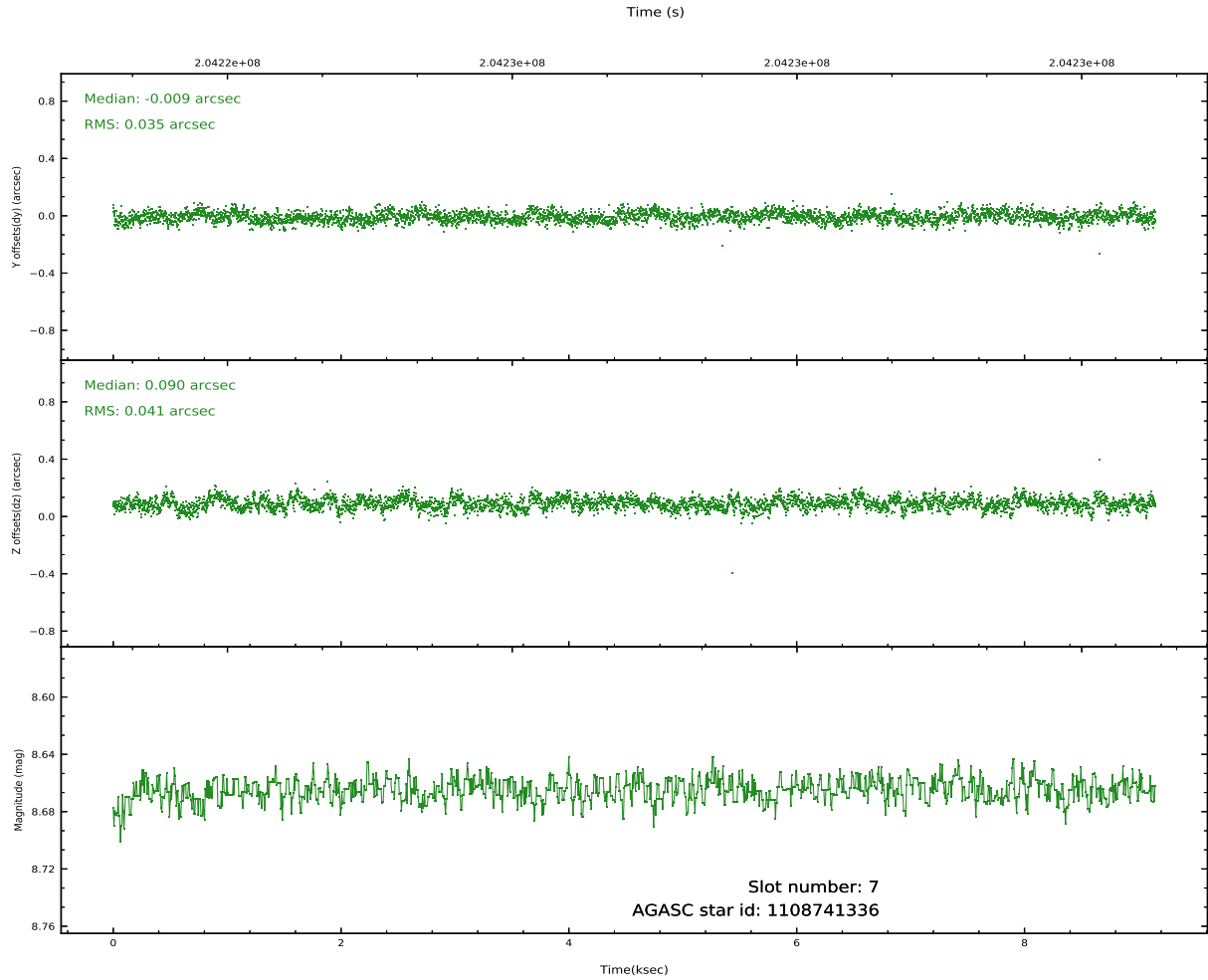
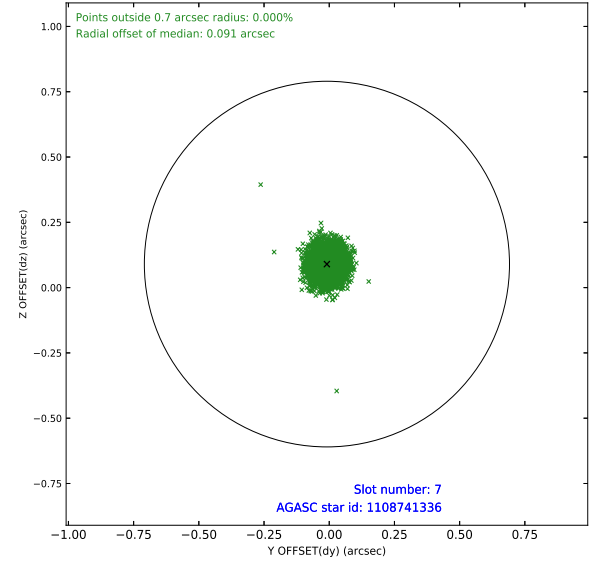
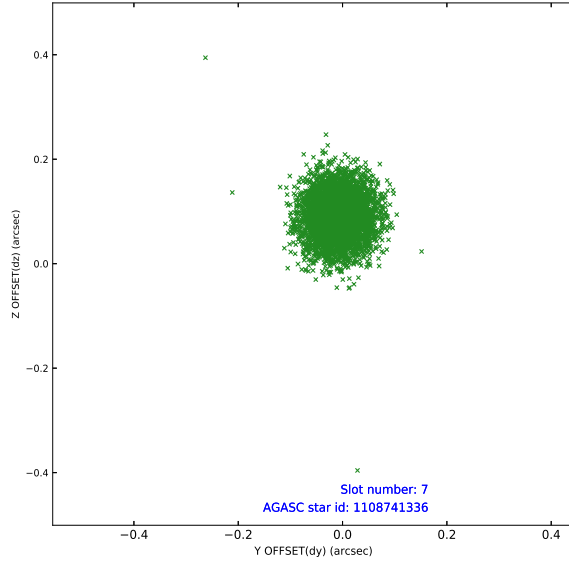


## 2.4.4 Slot 6



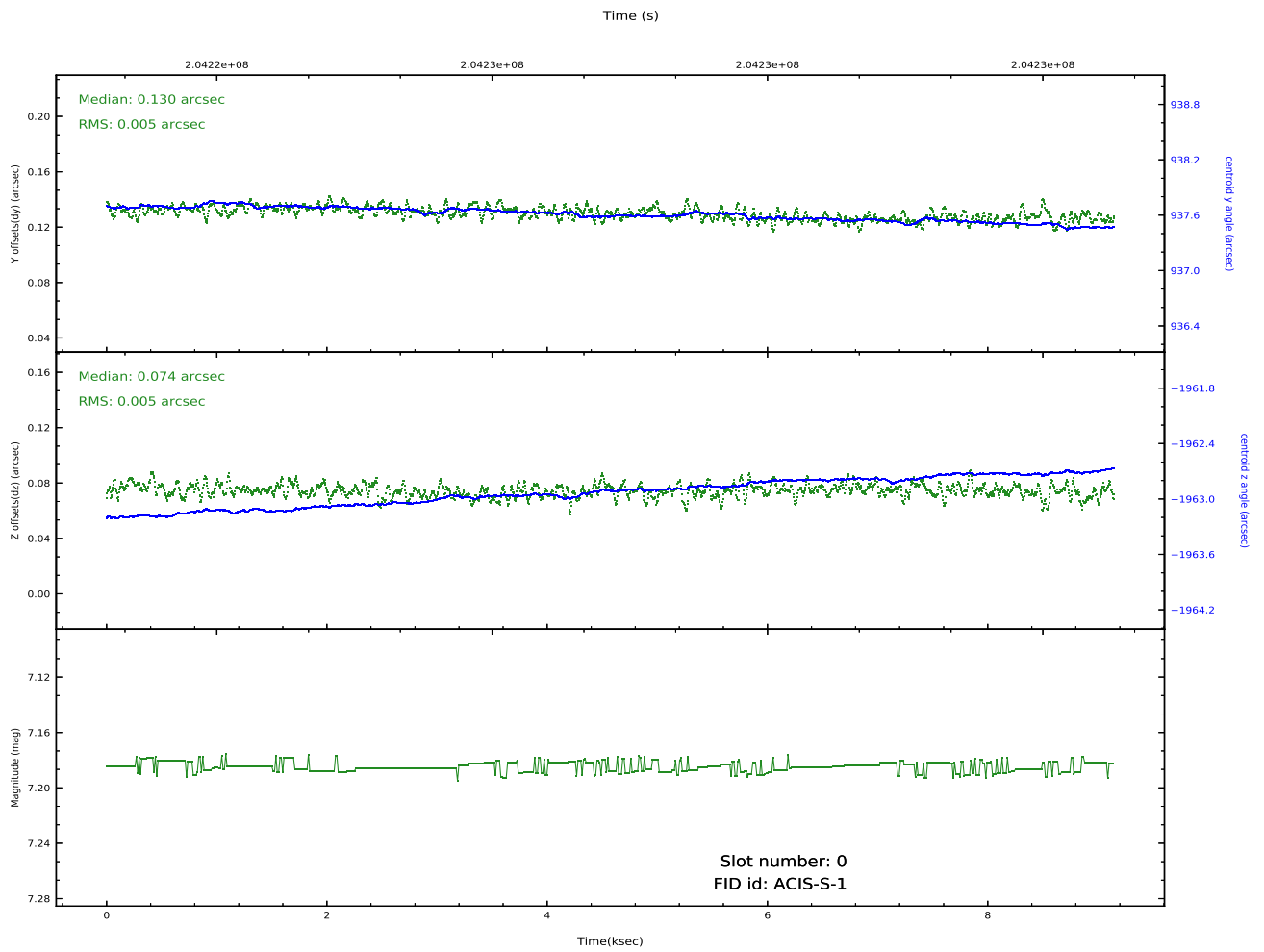
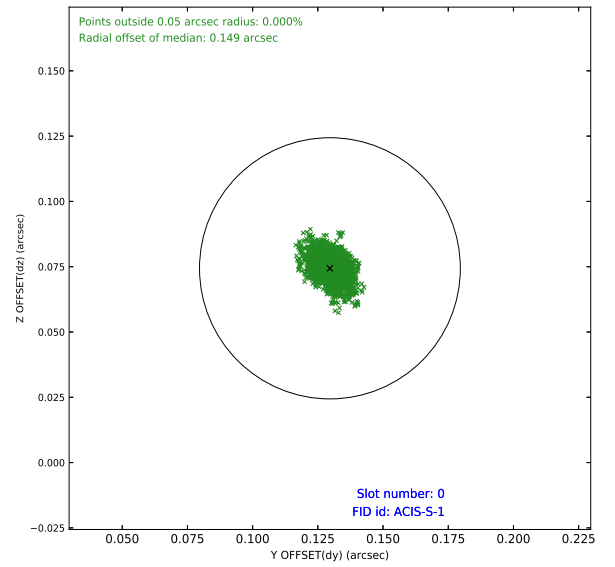
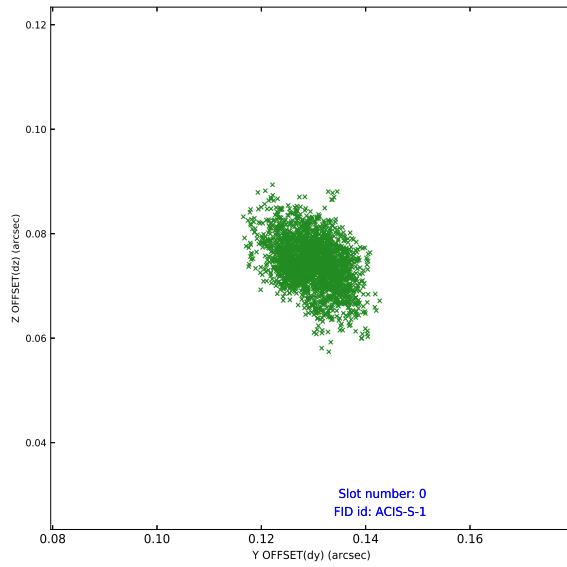


## 2.4.5 Slot 7

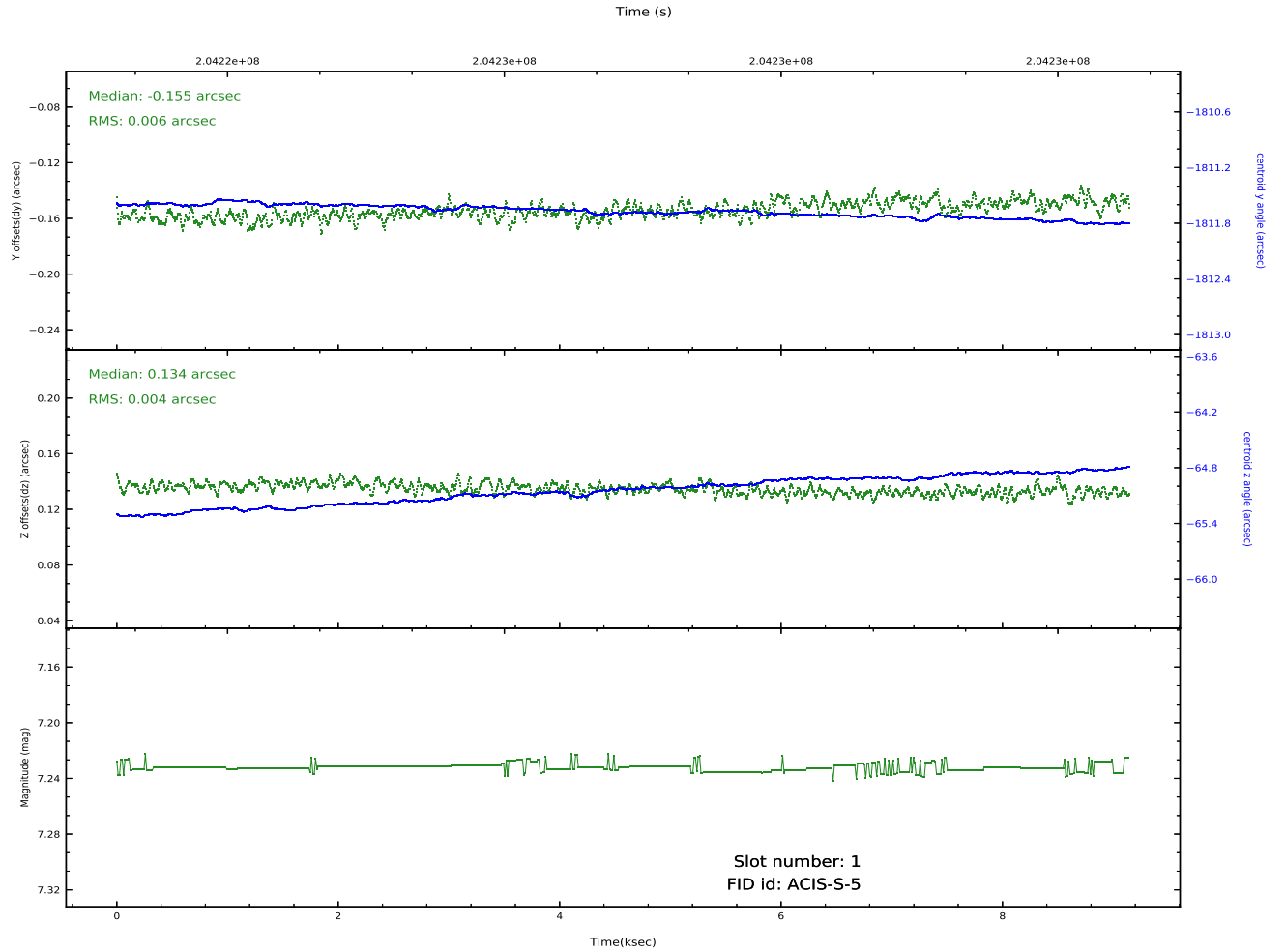
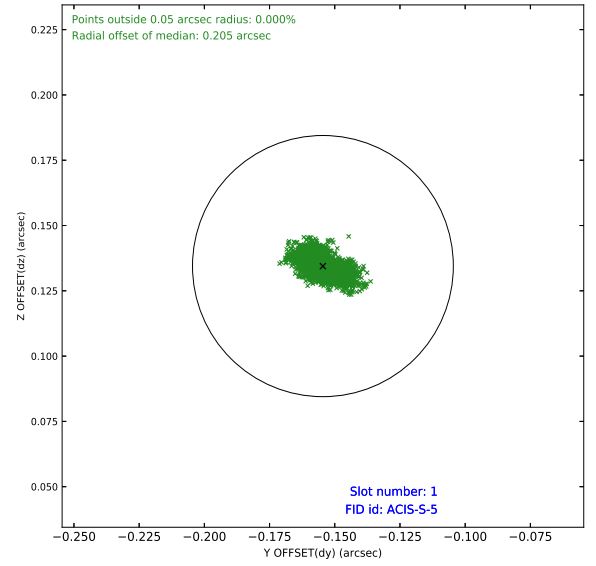
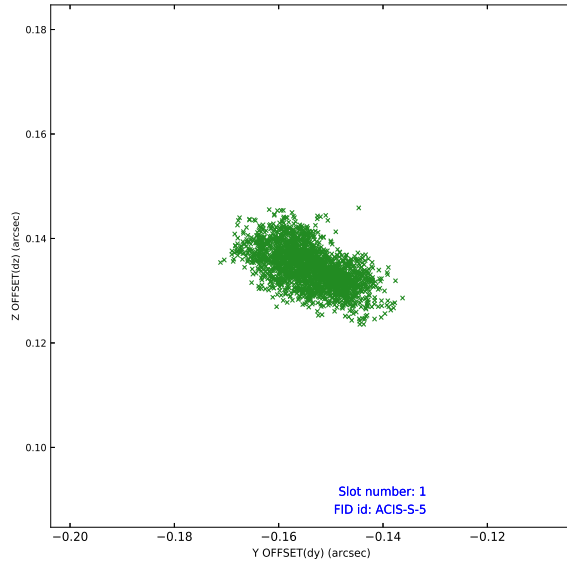


## 2.5 FID Slots

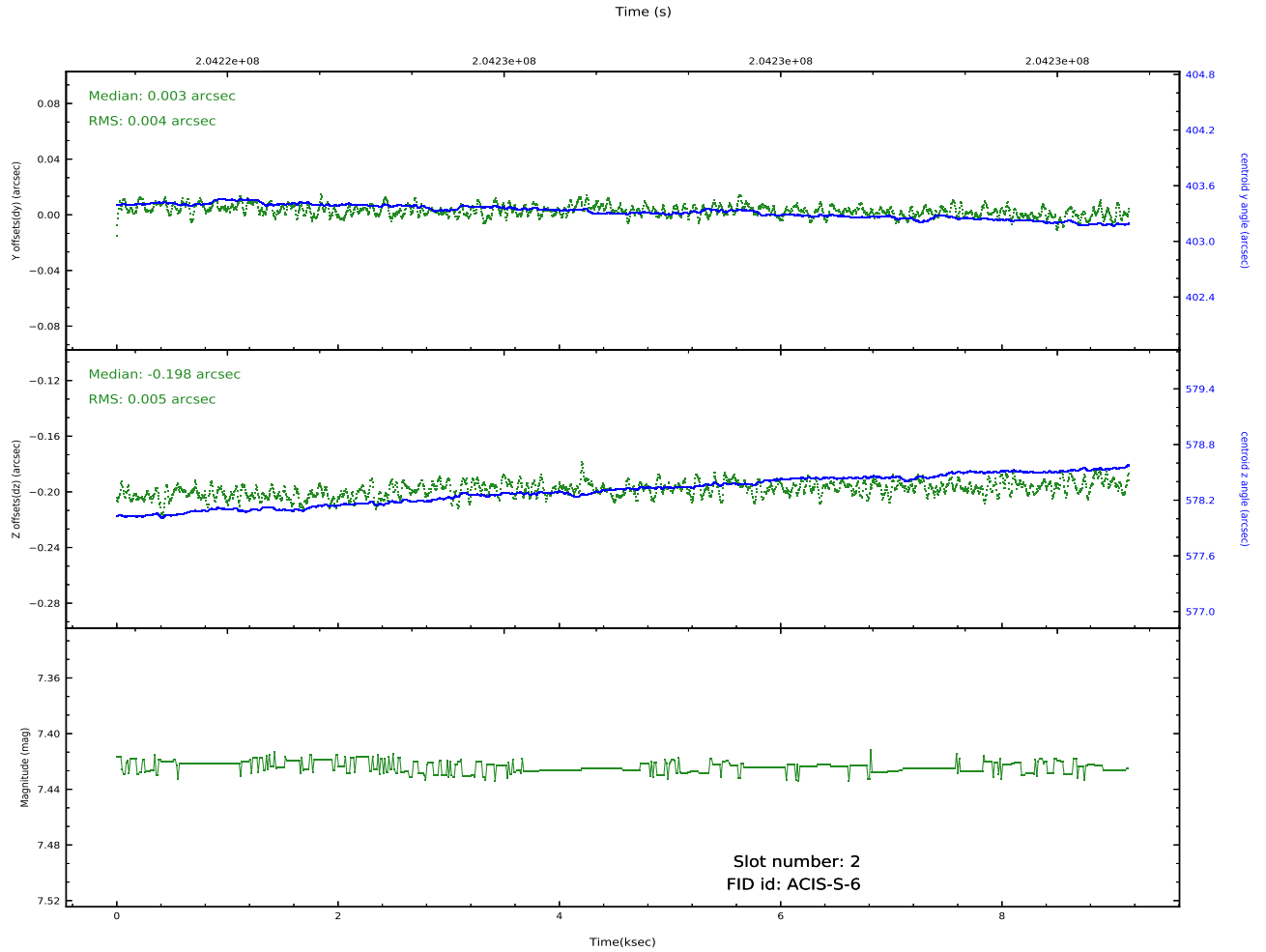
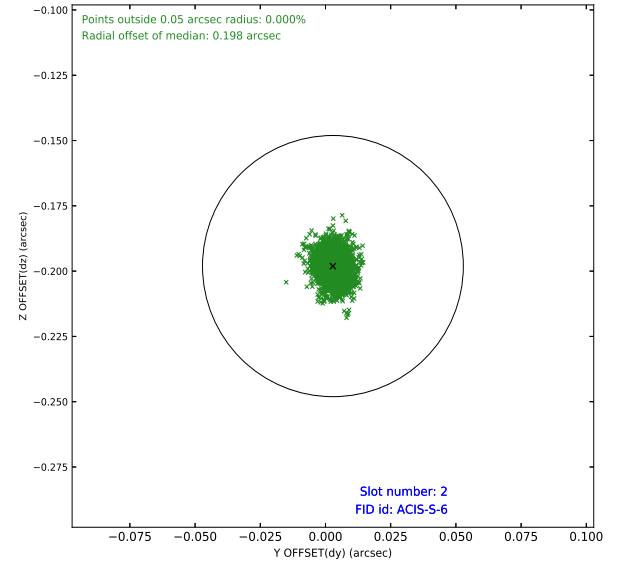
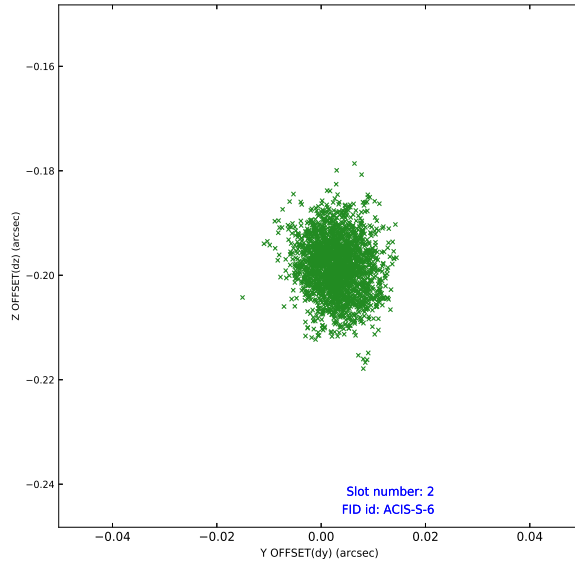
### 2.5.1 Slot 0



## 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)	2020.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.15

### A.2 Comments