

V&V Reference Report

L2 ASCDS Version : 10.5

Observation 16667 - L2 Version 1
Chandra X-Ray Center

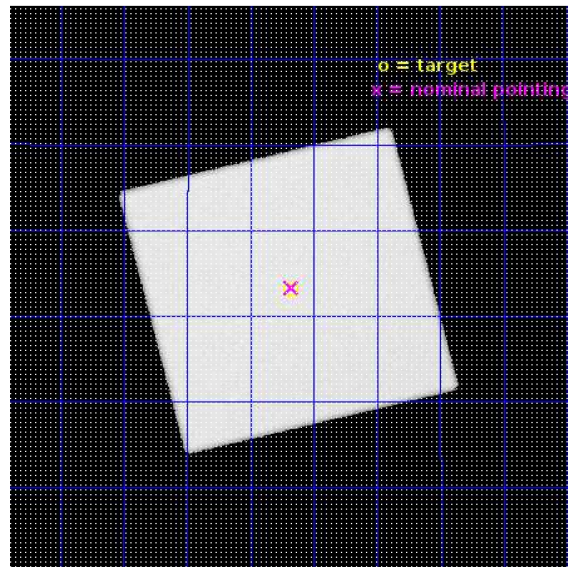
L2 Processing Date : Jun 18 2016

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

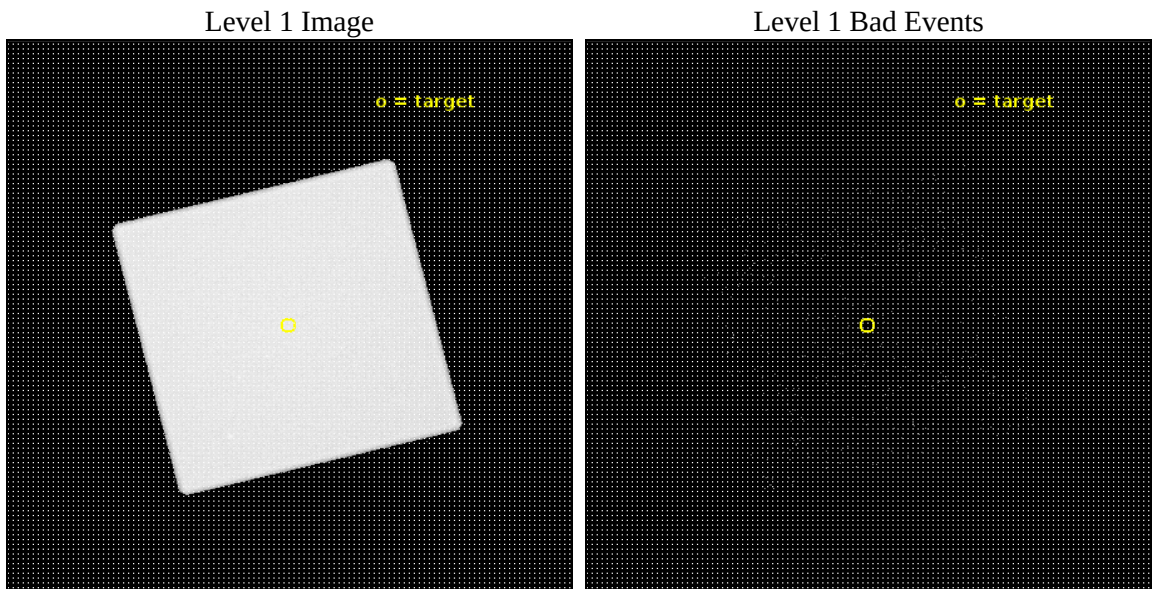
seq_num	200988	Sequence number
obs_id	16667	Observation id
title	The cool corona of HD 209458	Proposal title
observer	Dr. Stefan Czesla	Principal investigator
object	HD 209458	Source name
ra_targ	330.795	Observer's specified target RA [deg]
dec_targ	18.884306	Observer's specified target Dec [deg]
ra_nom	330.79415718498	Nominal RA [deg]
dec_nom	18.88562154211	Nominal Dec [deg]
roll_nom	121.04796907009	Nominal Roll [deg]
revision	1	Processing version of data
ontime	29183.032921791	[s]
livetime	28885.820971826	Ontime multiplied by DTCOR
l2events	2448114	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	29000.000000	[s] Scheduled observation exposure time
ascdsver	10.5	Processing system revision	ontime	29183.032921791	[s]
caldbver	4.7.2	 	l1events	3350935	Number of level 1 events
date	2016-06-18T06:11:23	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

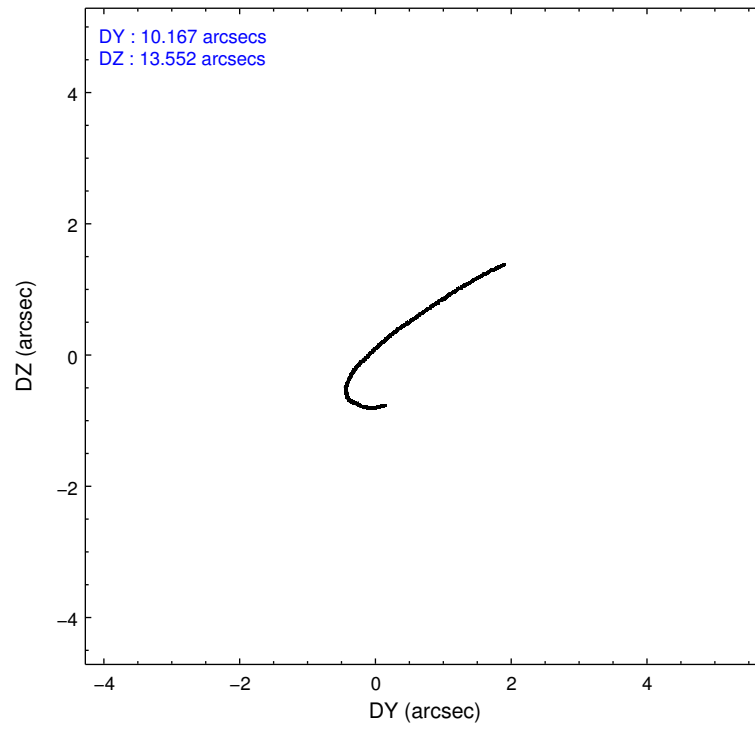
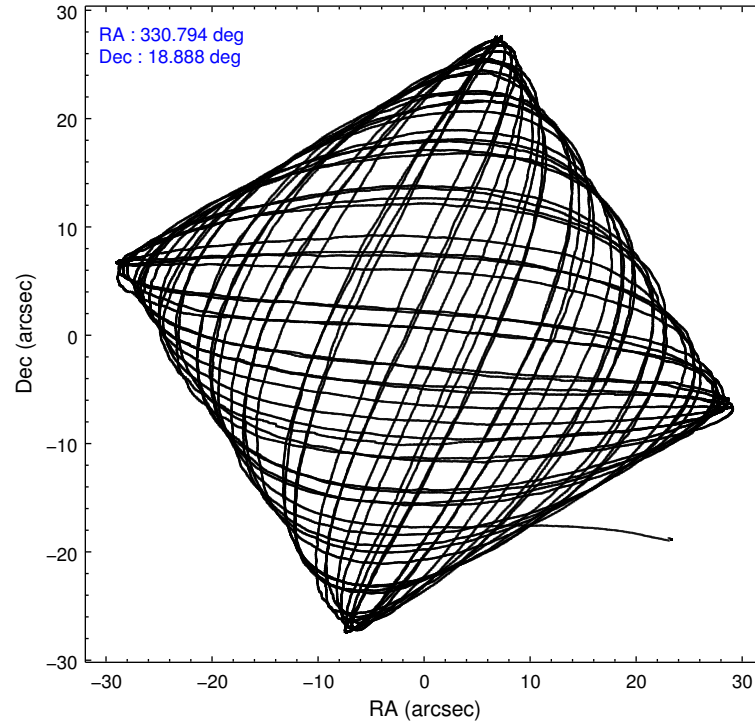
	segment 0
level 1 events	3350935
rejected events	91634
rejected %	2%

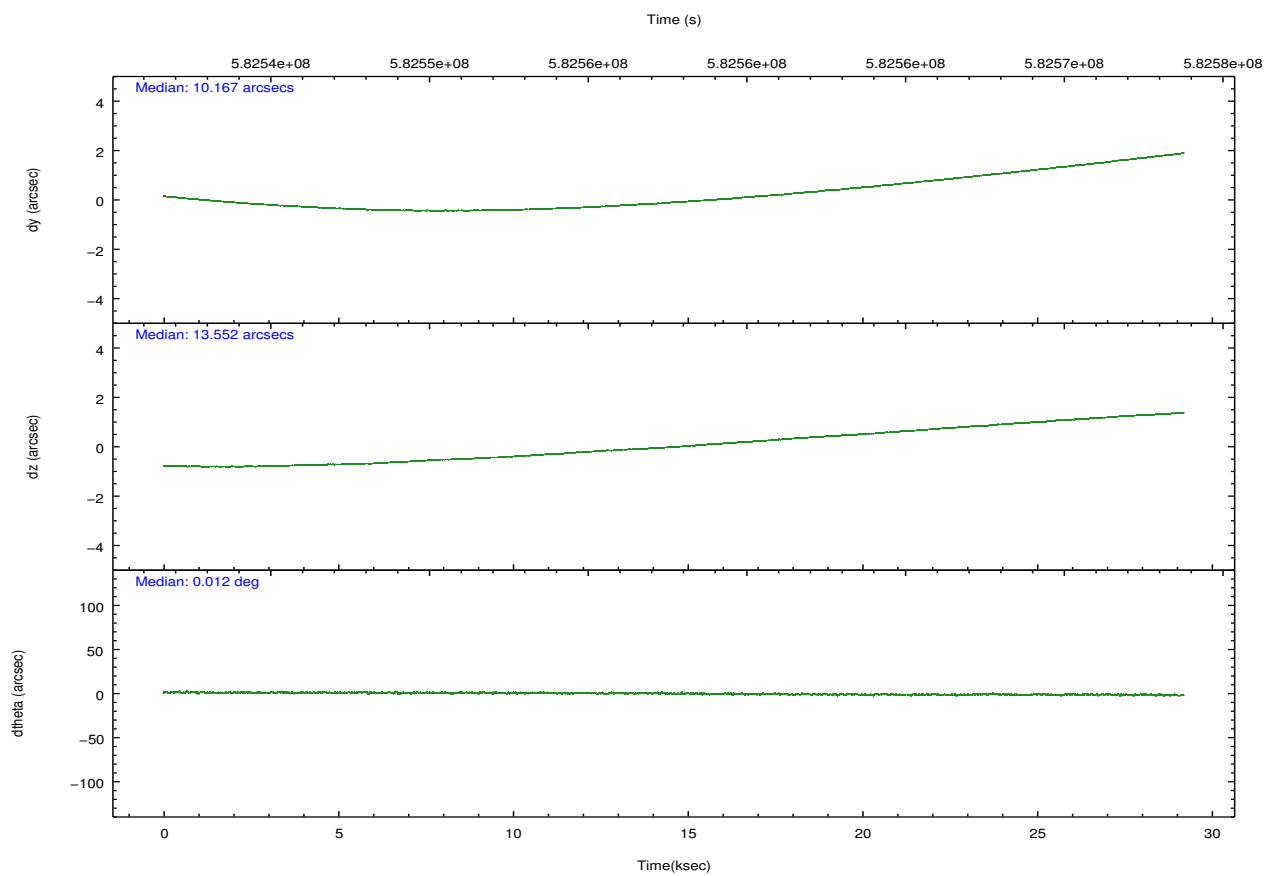
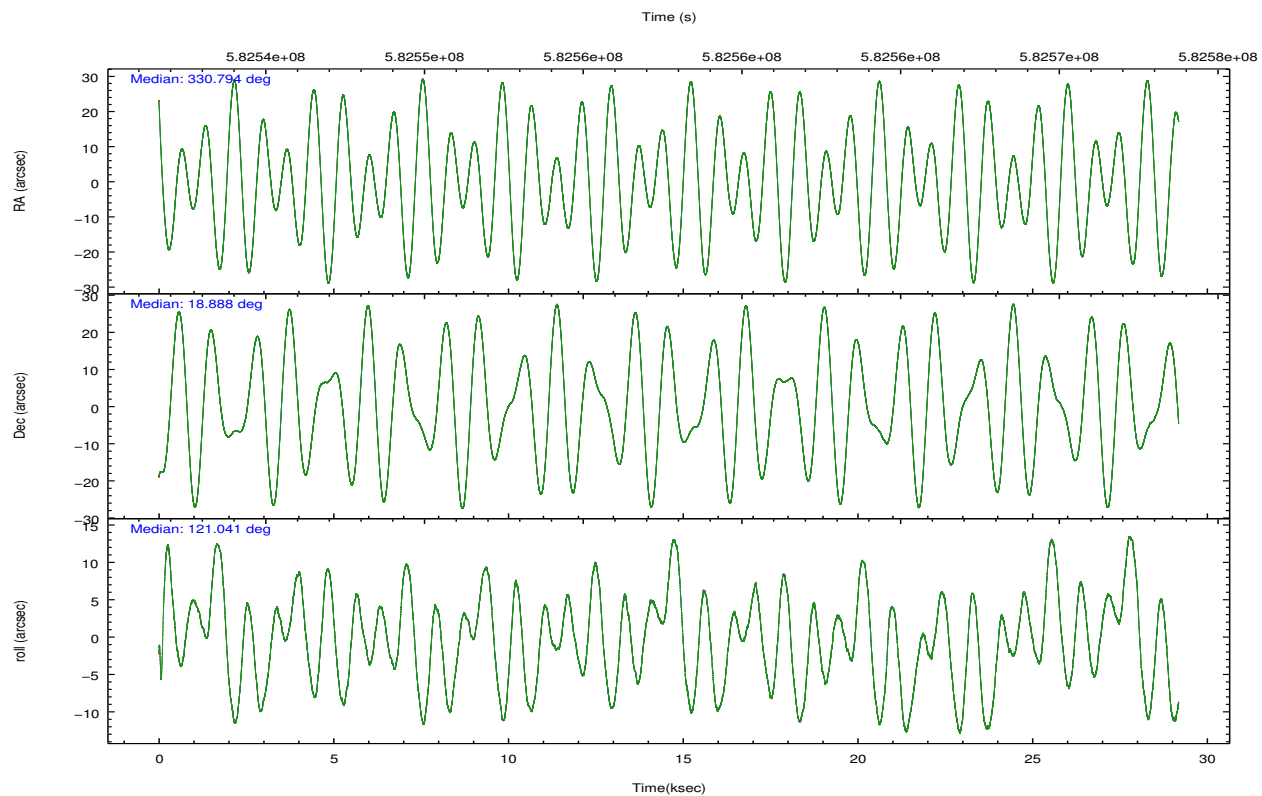
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	330.819734	330.794157184984
[deg] Pointing Dec	18.875866	18.88856215421054
[deg] Pointing Roll	121.135170	121.0479690700896
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9829799899862
[mm] SIM translation stage offset	0	0.002508901615314585
[s] Observation start time (MET)	582543283.184000	582542334.99283
Observation start date	2016-06-17T09:33:35	2016-06-17T09:18:54
[s] Observation end time (MET)	582572283.184000	582573318.1821001
Observation end date	2016-06-17T17:36:55	2016-06-17T17:55:18

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



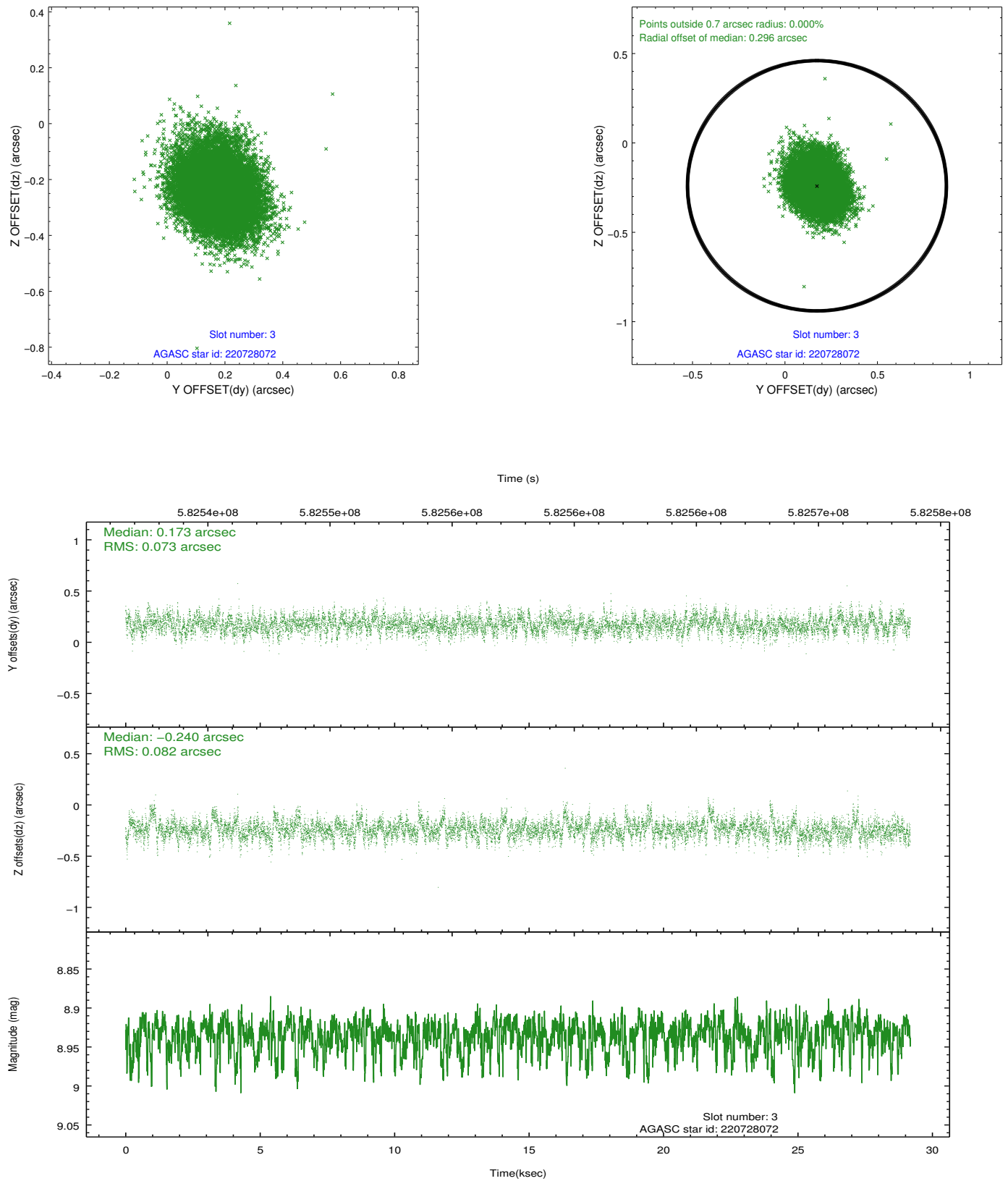


Slot Statistics

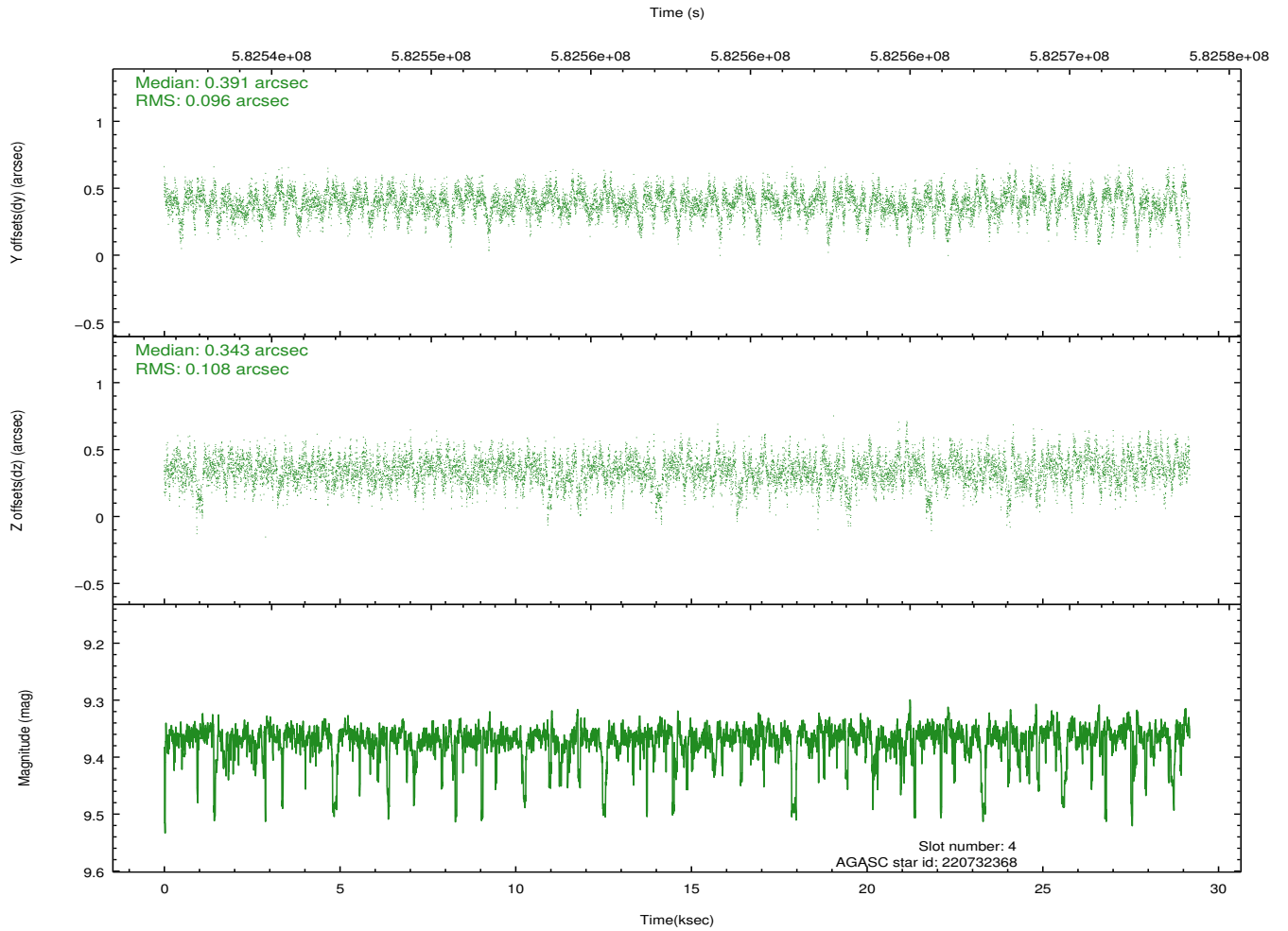
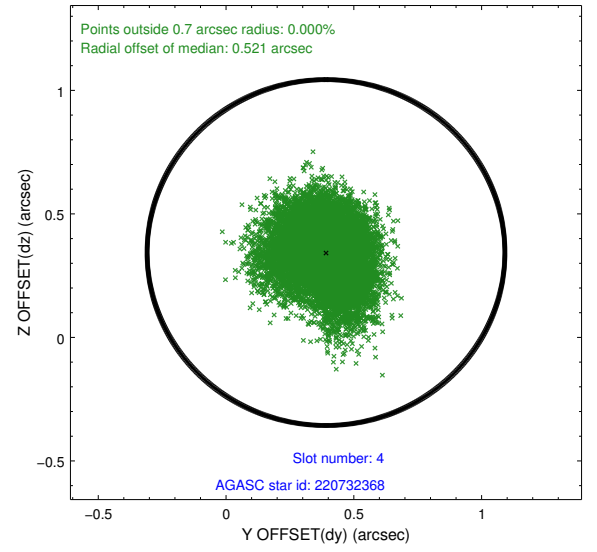
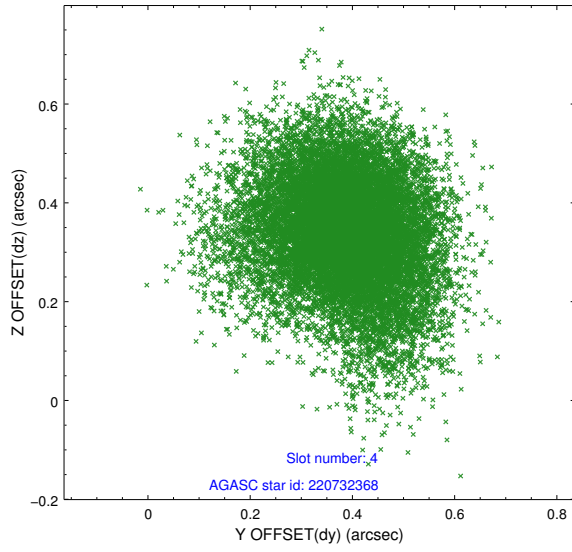
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.97	7118	-0.031	-0.060	0.024	0.056	0.000000	0.000000	-766.25	-1301.68
1	FID		HRC-I-3	7.06	7118	-0.137	-0.072	0.017	0.039	0.000000	0.000000	-1194.78	1002.71
2	FID		HRC-I-4	6.98	7119	0.282	0.038	0.028	0.079	0.000000	0.000000	1276.87	1000.60
3	GUIDE	used	220728072	8.93	14225	0.173	-0.240	0.116	0.192	330.667723	18.303748	-1494.08	1509.60
4	GUIDE	used	220732368	9.37	14215	0.391	0.343	0.151	0.258	331.275720	18.569397	-1746.75	-762.54
5	GUIDE	used	221256272	9.09	14221	-0.166	0.083	0.142	0.239	330.783152	19.534940	2094.92	-1120.08
6	GUIDE	used	221263416	8.84	14226	-0.367	-0.564	0.111	0.181	330.033473	18.901270	1467.17	2242.55
7	GUIDE	used	221255568	8.77	14226	-0.028	0.384	0.125	0.207	331.305687	19.413931	807.47	-2414.19

2.4 Star Slots

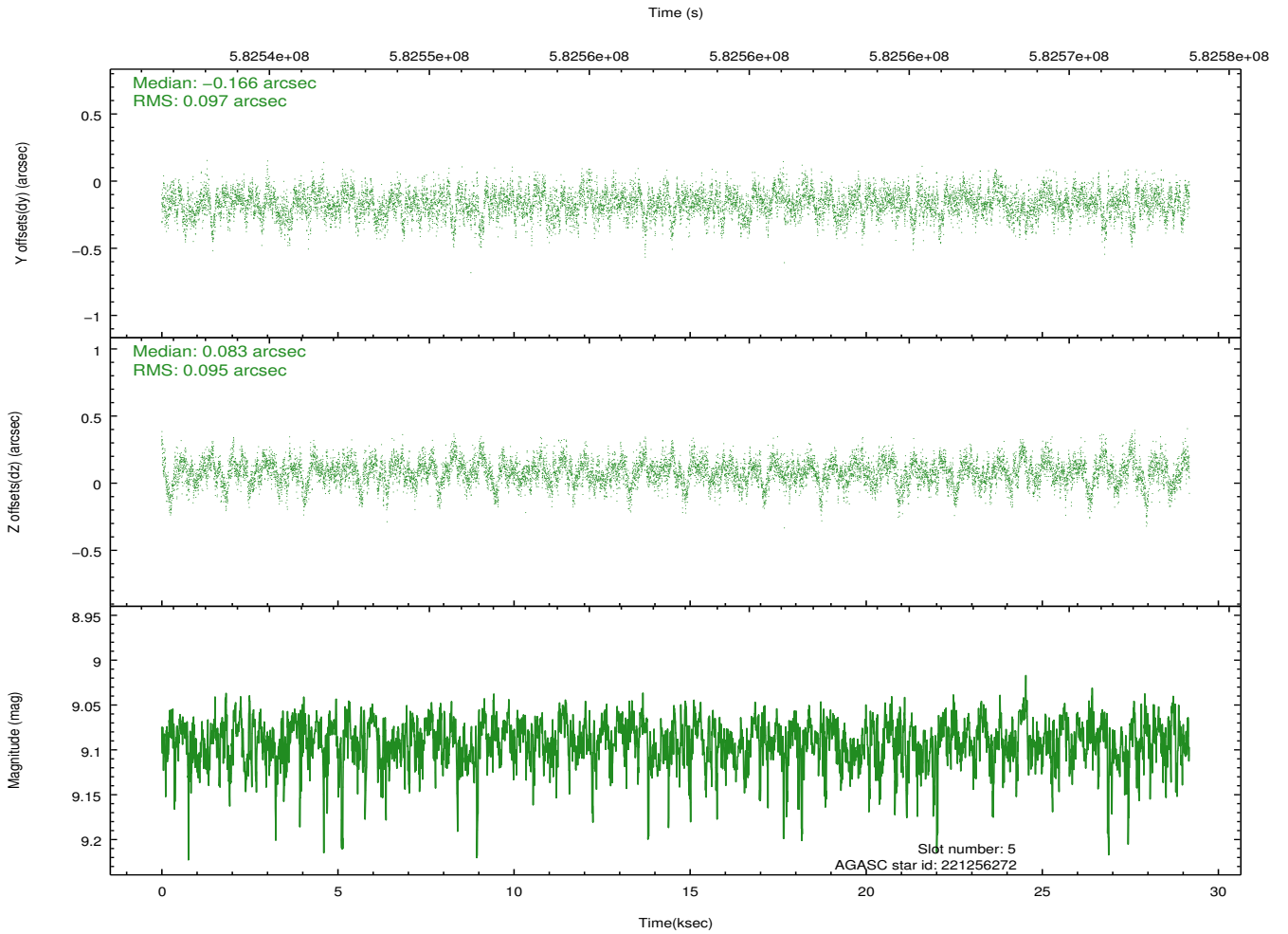
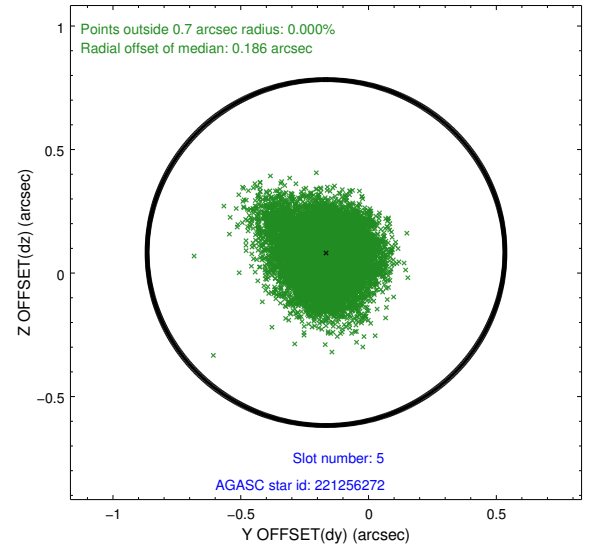
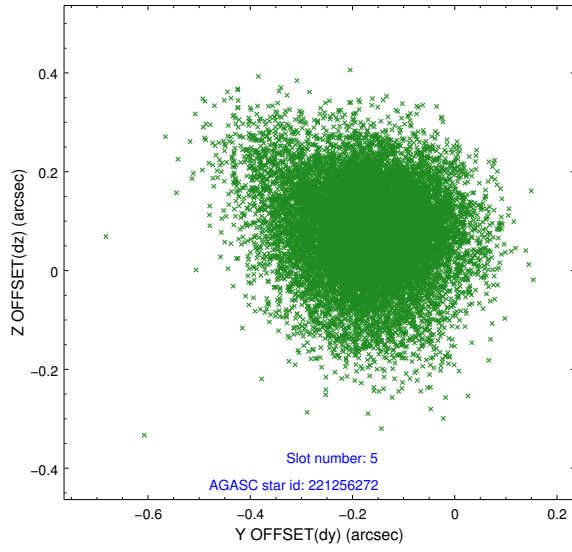
2.4.1 Slot 3



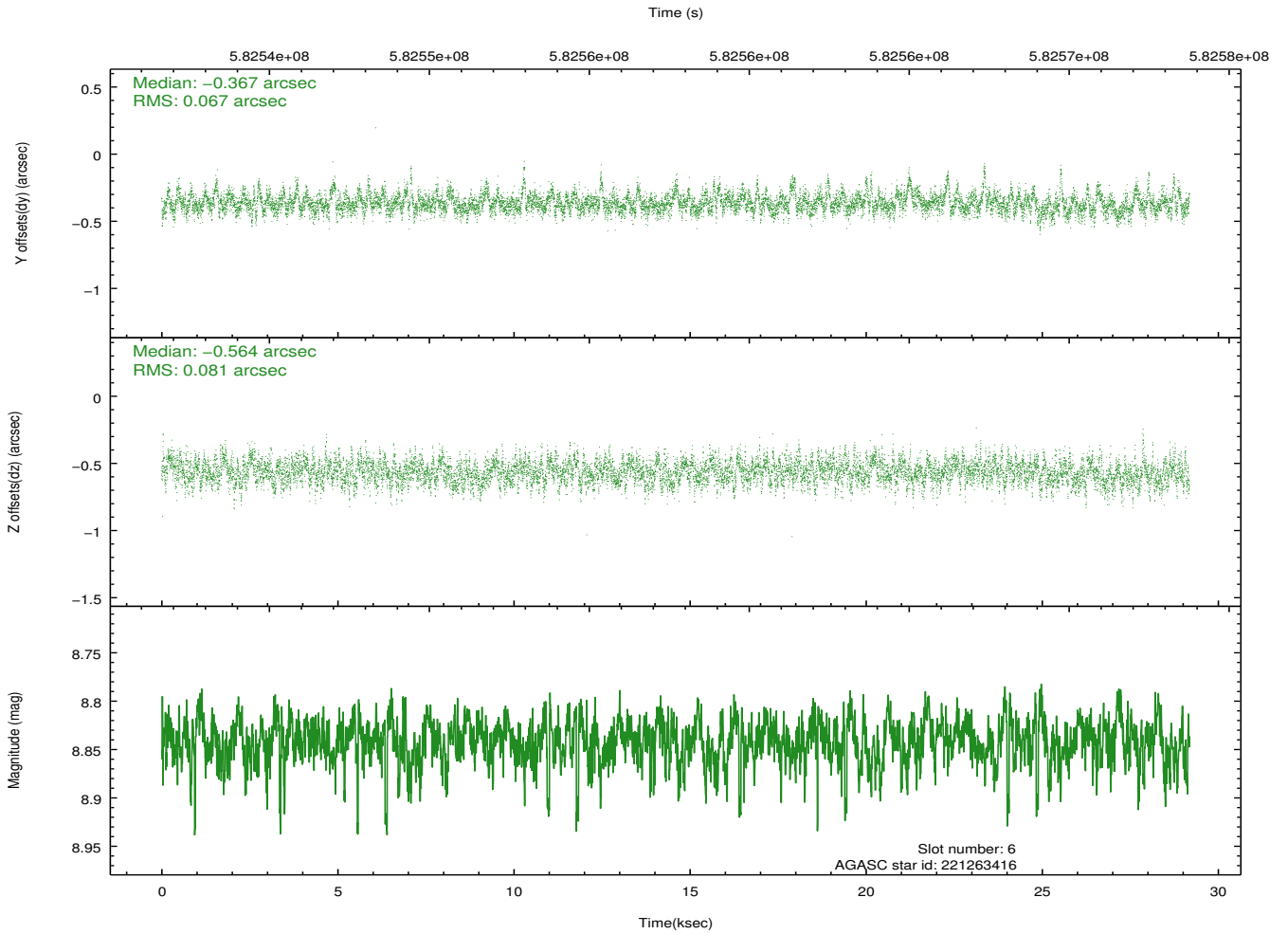
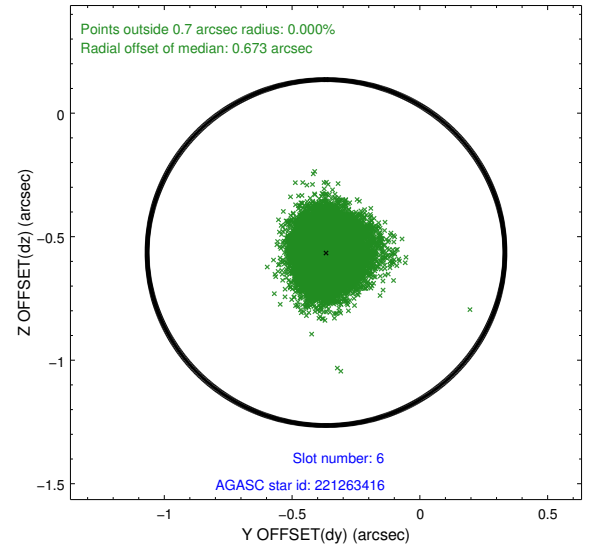
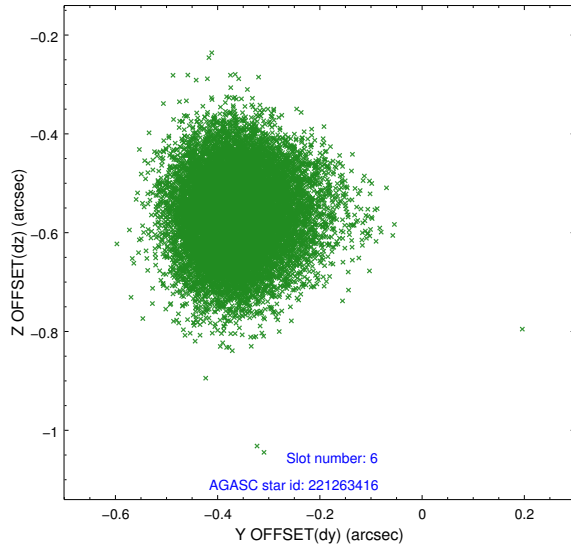
2.4.2 Slot 4



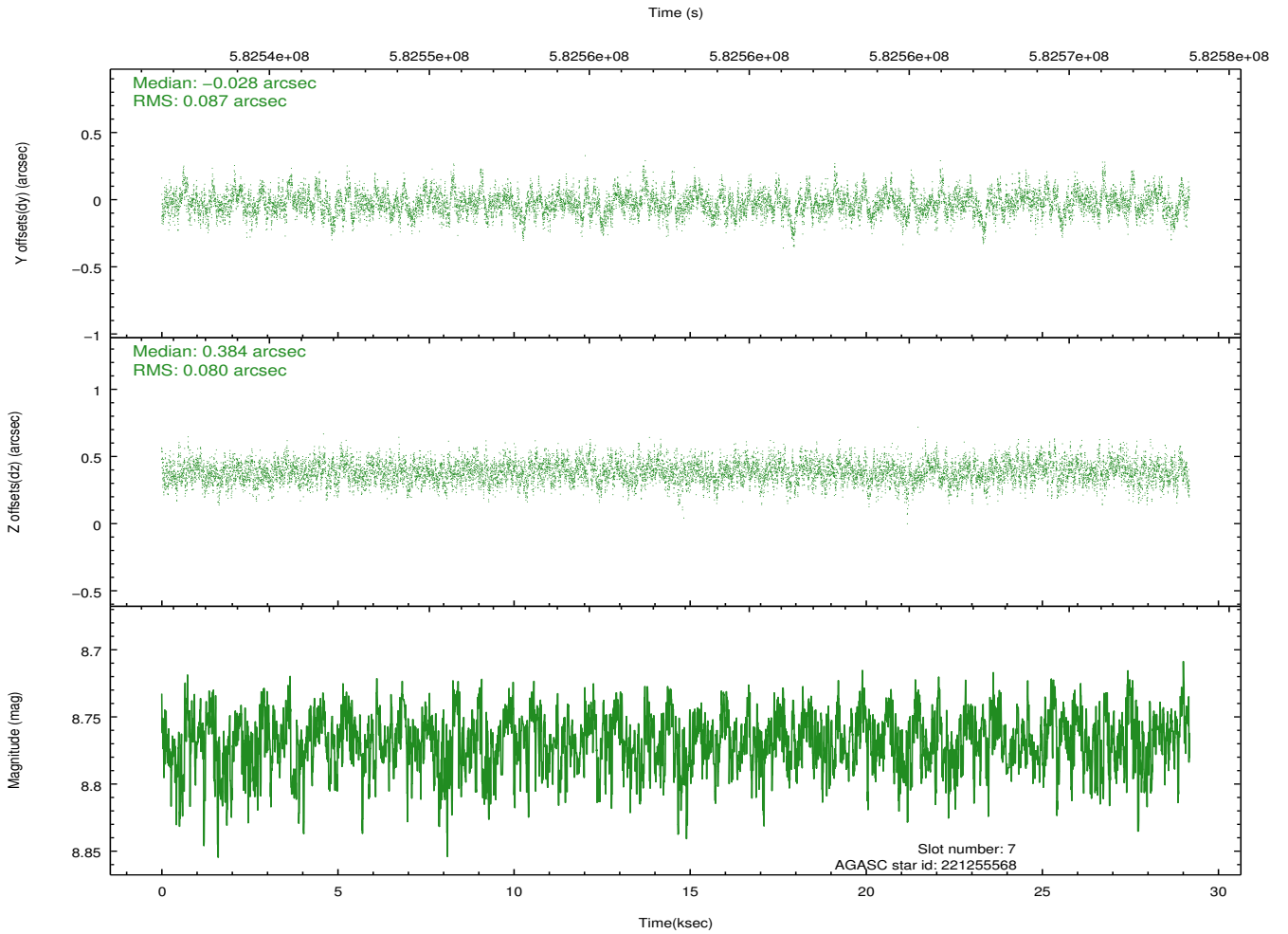
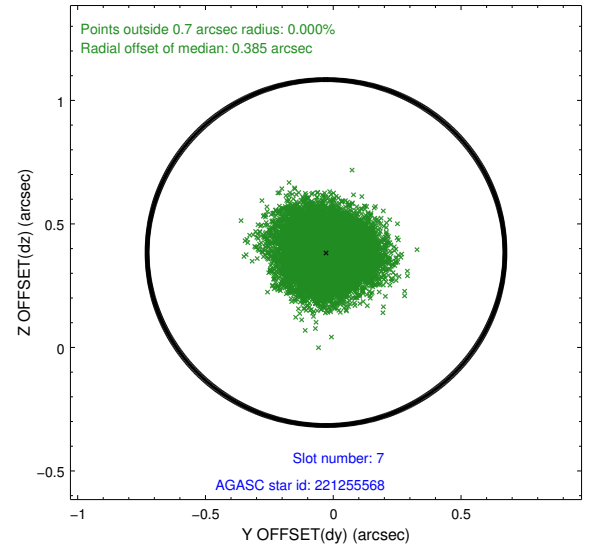
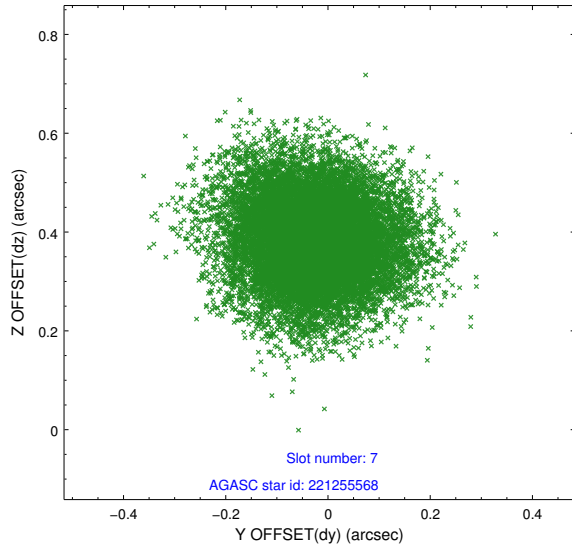
2.4.3 Slot 5



2.4.4 Slot 6

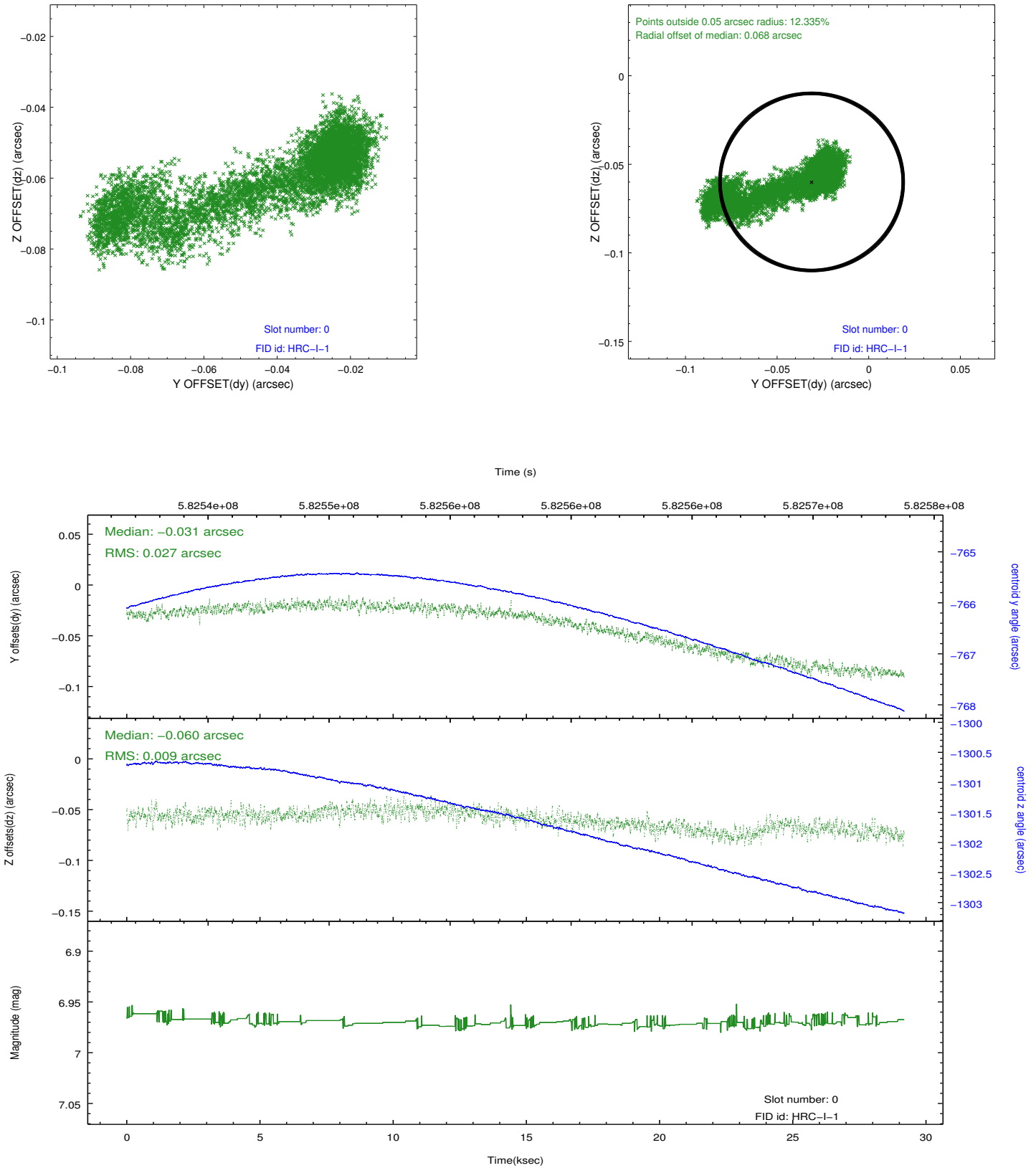


2.4.5 Slot 7

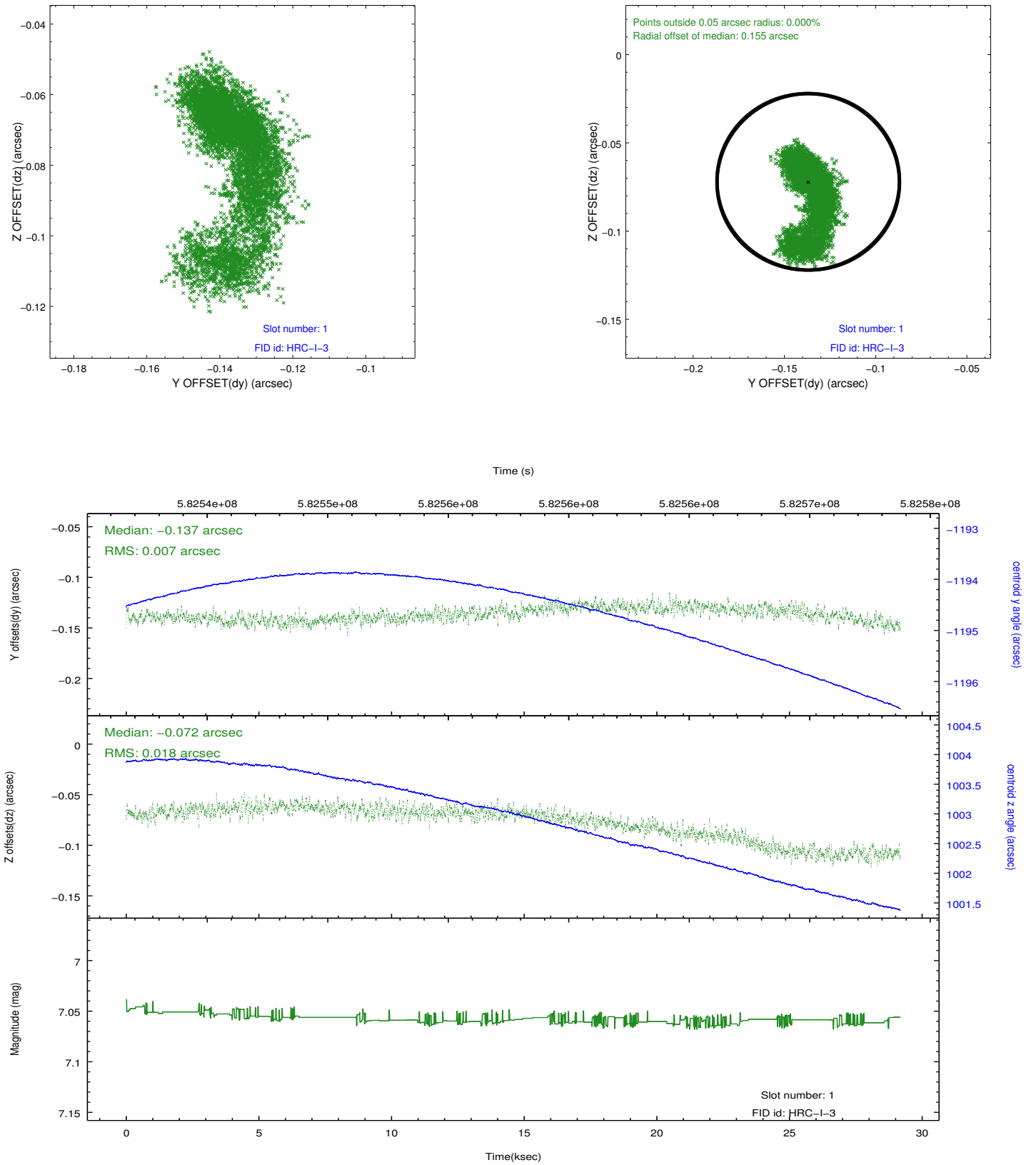


2.5 FID Slots

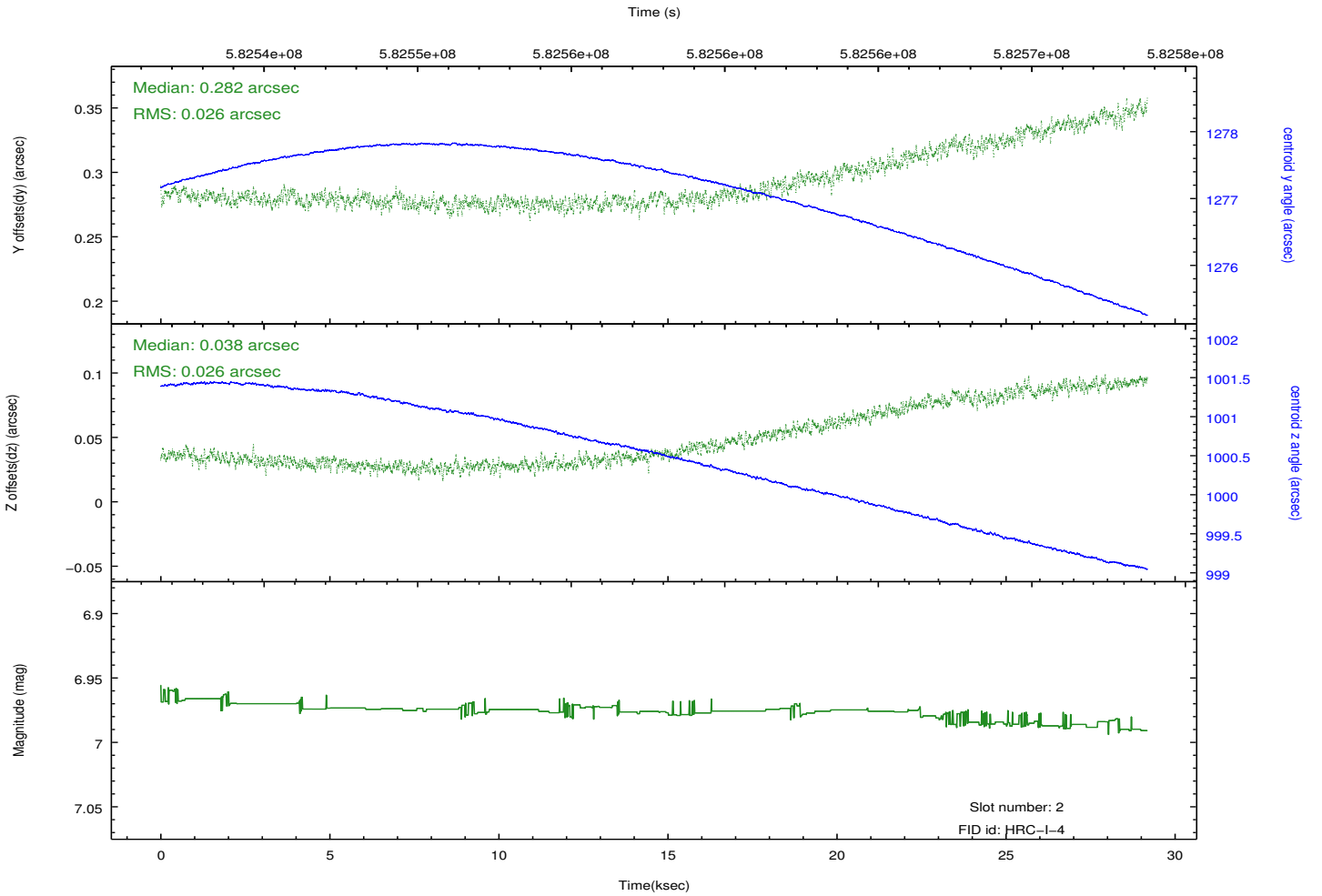
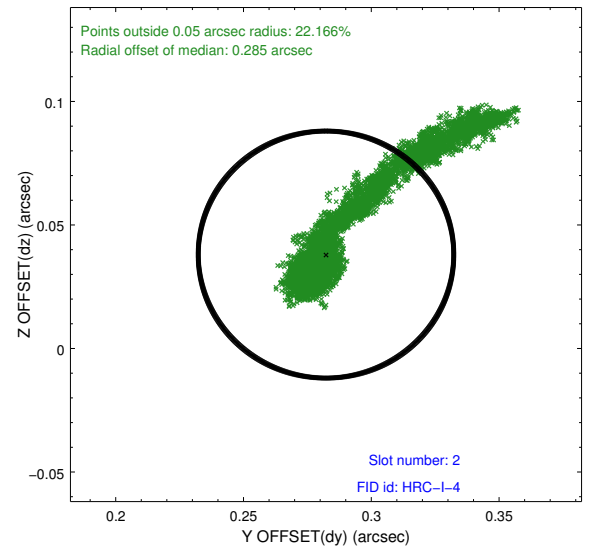
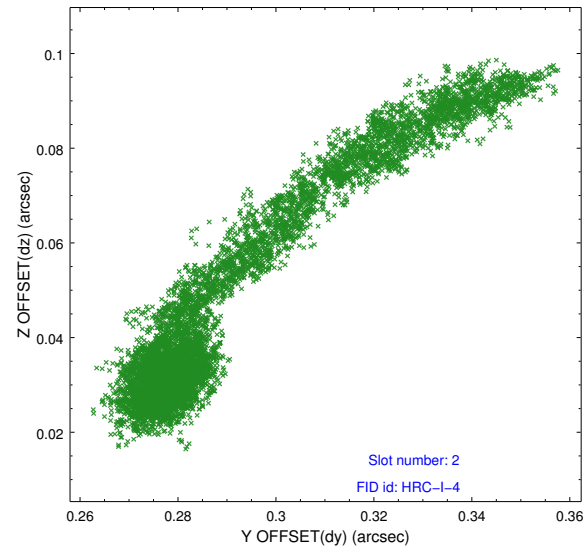
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2016.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.183032921791

A.2 Comments