

V&V Reference Report

L2 ASCDS Version : 10.4.2.1

Observation 16678 - L2 Version 1
Chandra X-Ray Center

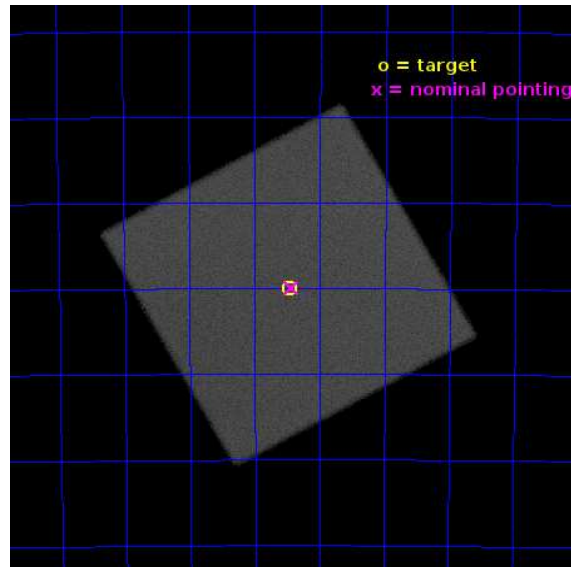
L2 Processing Date : Oct 23 2015

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1 Front

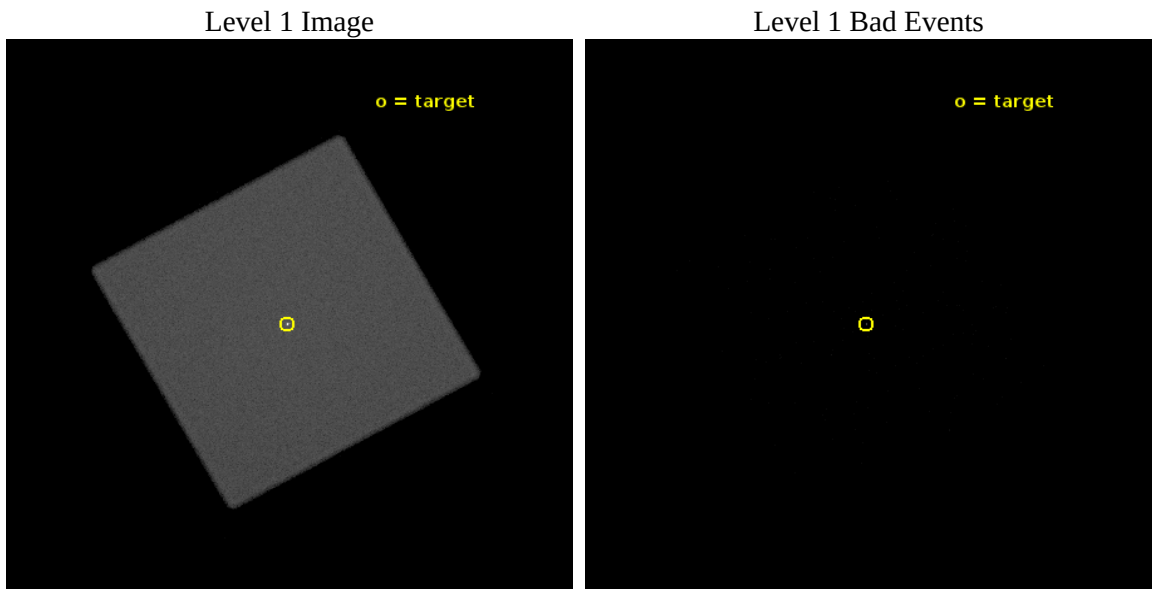
seq_num	200999	Sequence number
obs_id	16678	Observation id
title	Alpha Centauri at a Crossroads	Proposal title
observer	Dr Thomas Ayres	Principal investigator
object	ALPHA CEN	Source name
ra_targ	219.867917	Observer's specified target RA [deg]
dec_targ	-60.832556	Observer's specified target Dec [deg]
ra_nom	219.85926734773	Nominal RA [deg]
dec_nom	-60.832149112415	Nominal Dec [deg]
roll_nom	195.81784027605	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10188.500576258	[s]
livetime	10078.600615941	Ontime multiplied by DTCOR
l2events	948703	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	10000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.2.1	Processing system revision	ontime	10188.500576258	[s]
caldbver	4.6.10a	 	l1events	1360734	Number of level 1 events
date	2015-10-23T20:55:50	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

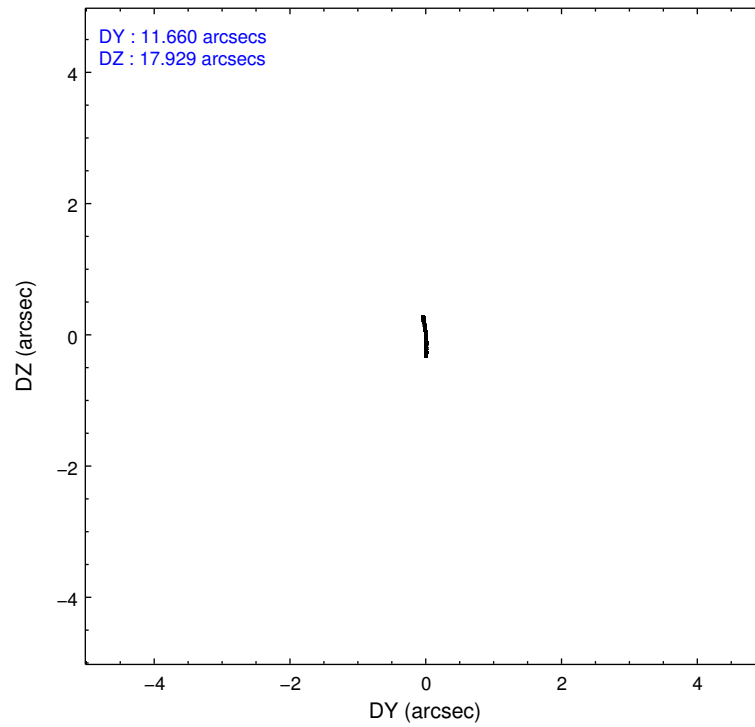
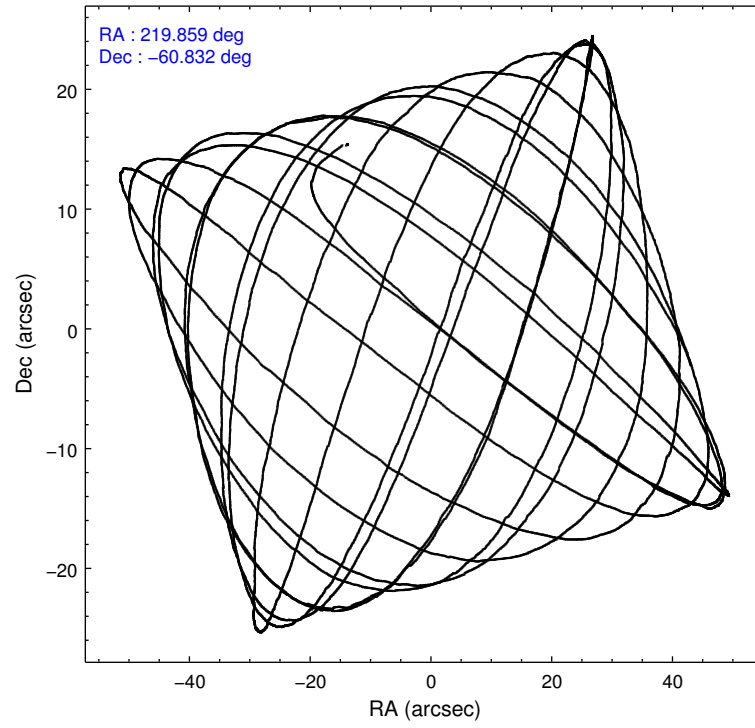
	segment 0
level 1 events	1360734
rejected events	95913
rejected %	7%

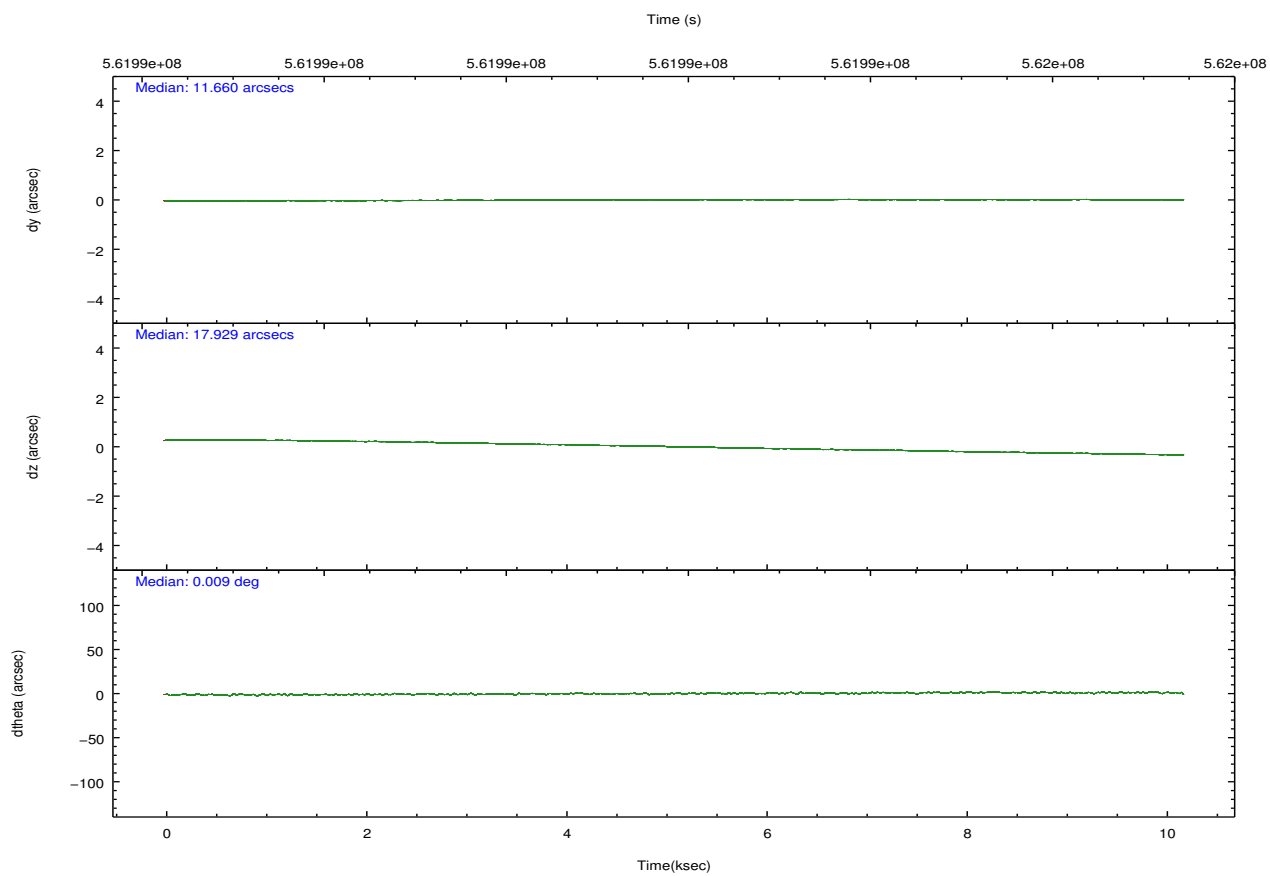
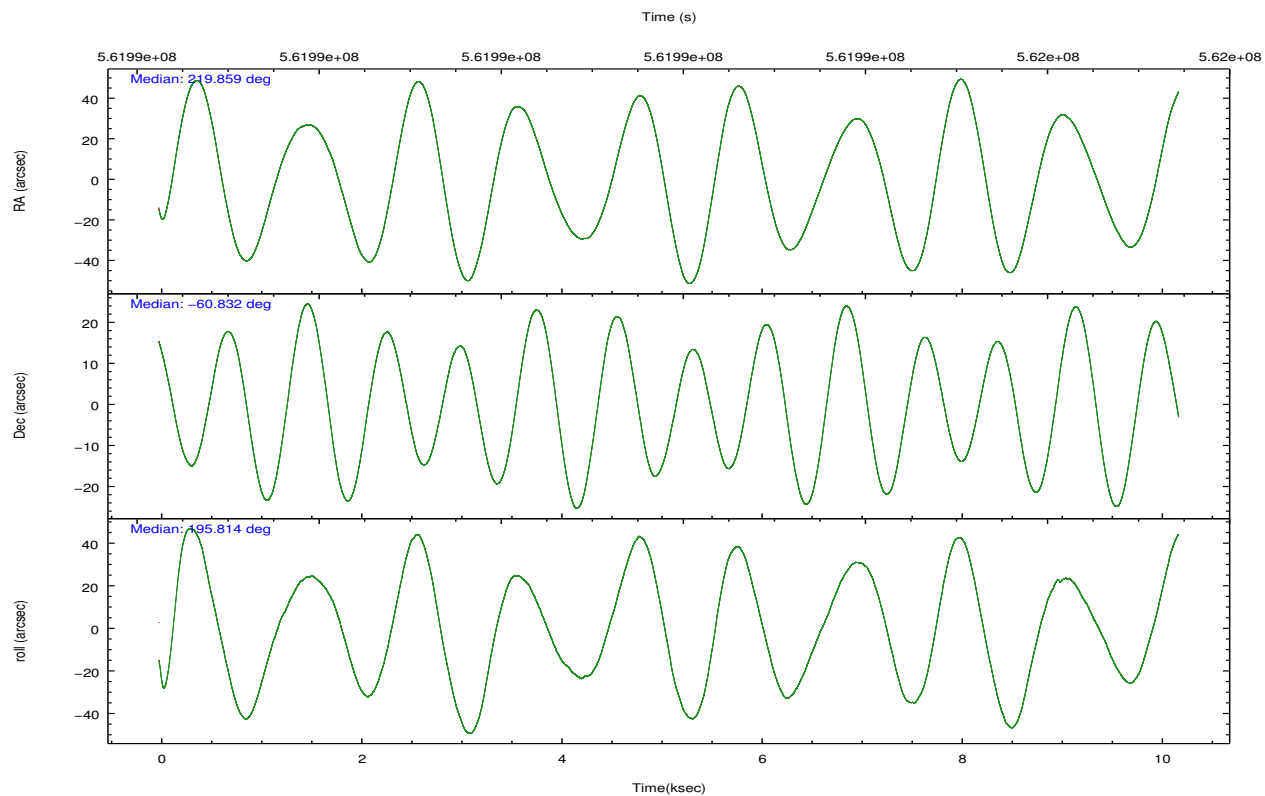
2.2 Compared Parameters

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	219.897239	219.8592673477344
[deg] Pointing Dec	-60.812185	-60.83214911241483
[deg] Pointing Roll	195.946482	195.8178402760472
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9804656746847
[mm] SIM translation stage offset	0	0.005023216916882234
[s] Observation start time (MET)	561986914.184000	561985940.437
Observation start date	2015-10-23T11:27:26	2015-10-23T11:12:20
[s] Observation end time (MET)	561996914.184000	561997675.15017
Observation end date	2015-10-23T14:14:06	2015-10-23T14:27:55

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

2.3 Aspect



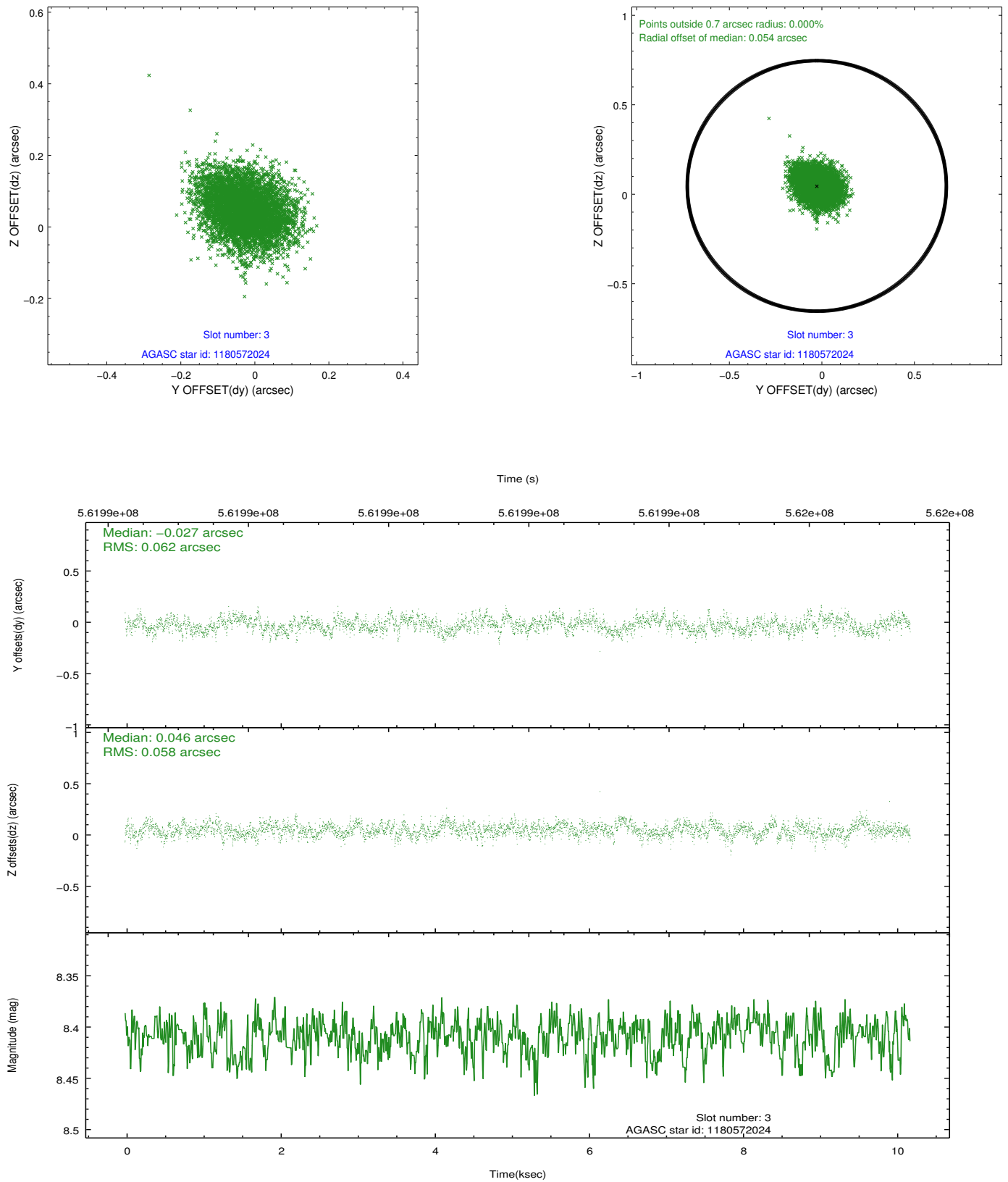


Slot Statistics

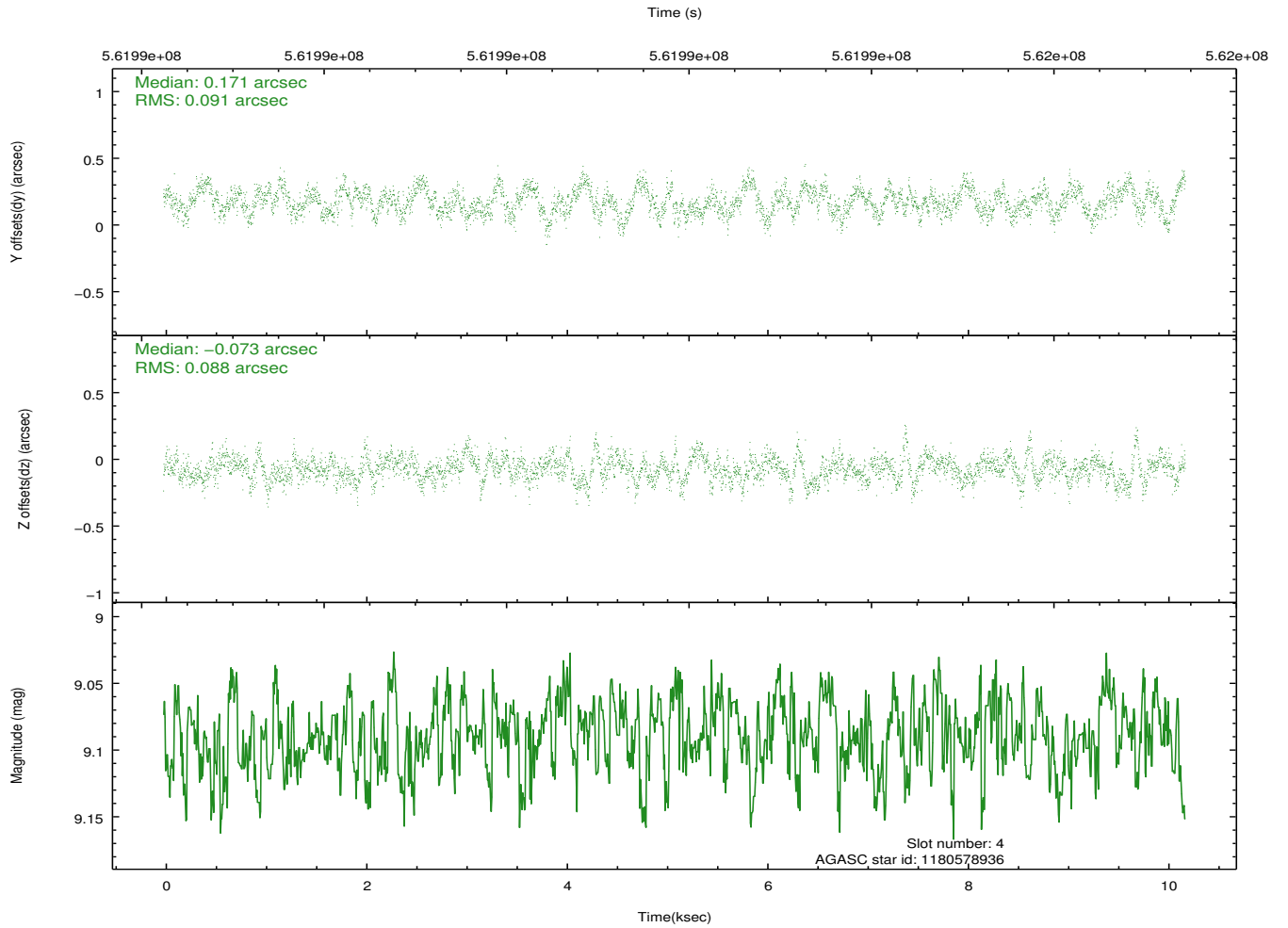
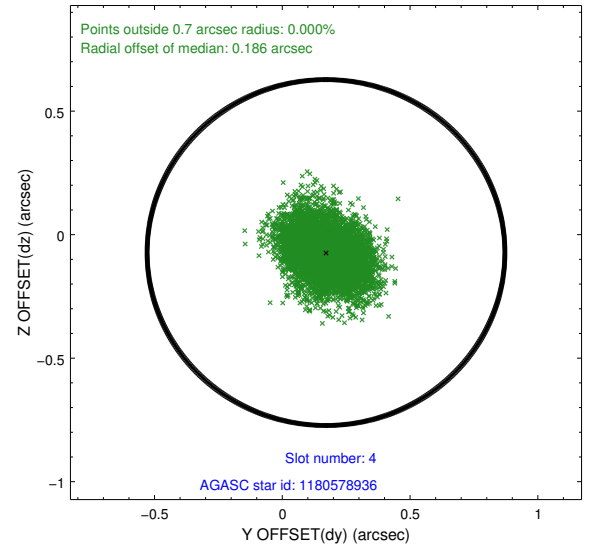
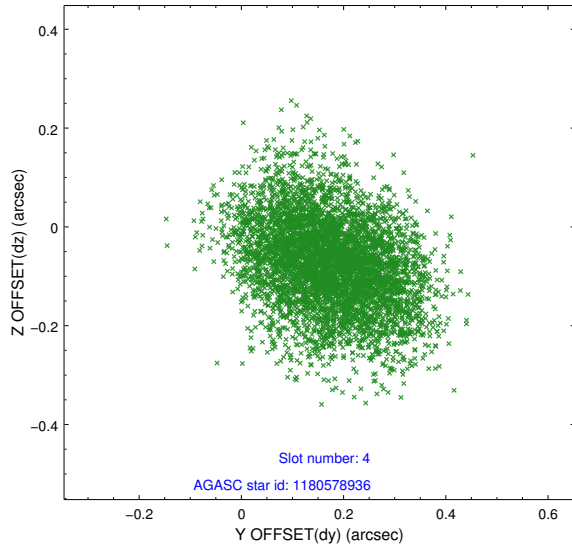
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	7.01	2486	-0.125	0.021	0.007	0.012	0.000000	0.000000	-767.48	-1306.01
1	FID		HRC-I-2	7.04	2486	0.311	-0.163	0.008	0.013	0.000000	0.000000	845.28	-1308.29
2	FID		HRC-I-3	7.09	2486	-0.068	0.052	0.008	0.014	0.000000	0.000000	-1195.57	998.05
3	GUIDE	used	1180572024	8.41	4969	-0.027	0.046	0.091	0.145	220.930377	-60.981487	-1563.07	1095.64
4	GUIDE	used	1180578936	9.09	4967	0.171	-0.073	0.137	0.219	220.919358	-61.155393	-1363.45	1689.41
5	GUIDE	used	1180589152	9.24	4971	-0.183	-0.199	0.139	0.221	219.760705	-61.382926	790.76	1911.69
6	GUIDE	used	1180612104	8.98	4969	0.160	0.225	0.112	0.183	220.502279	-60.631704	-1203.52	-325.67
7	GUIDE	used	1180603392	9.24	4968	-0.122	0.003	0.134	0.234	221.526441	-61.206550	-2316.31	2175.34

2.4 Star Slots

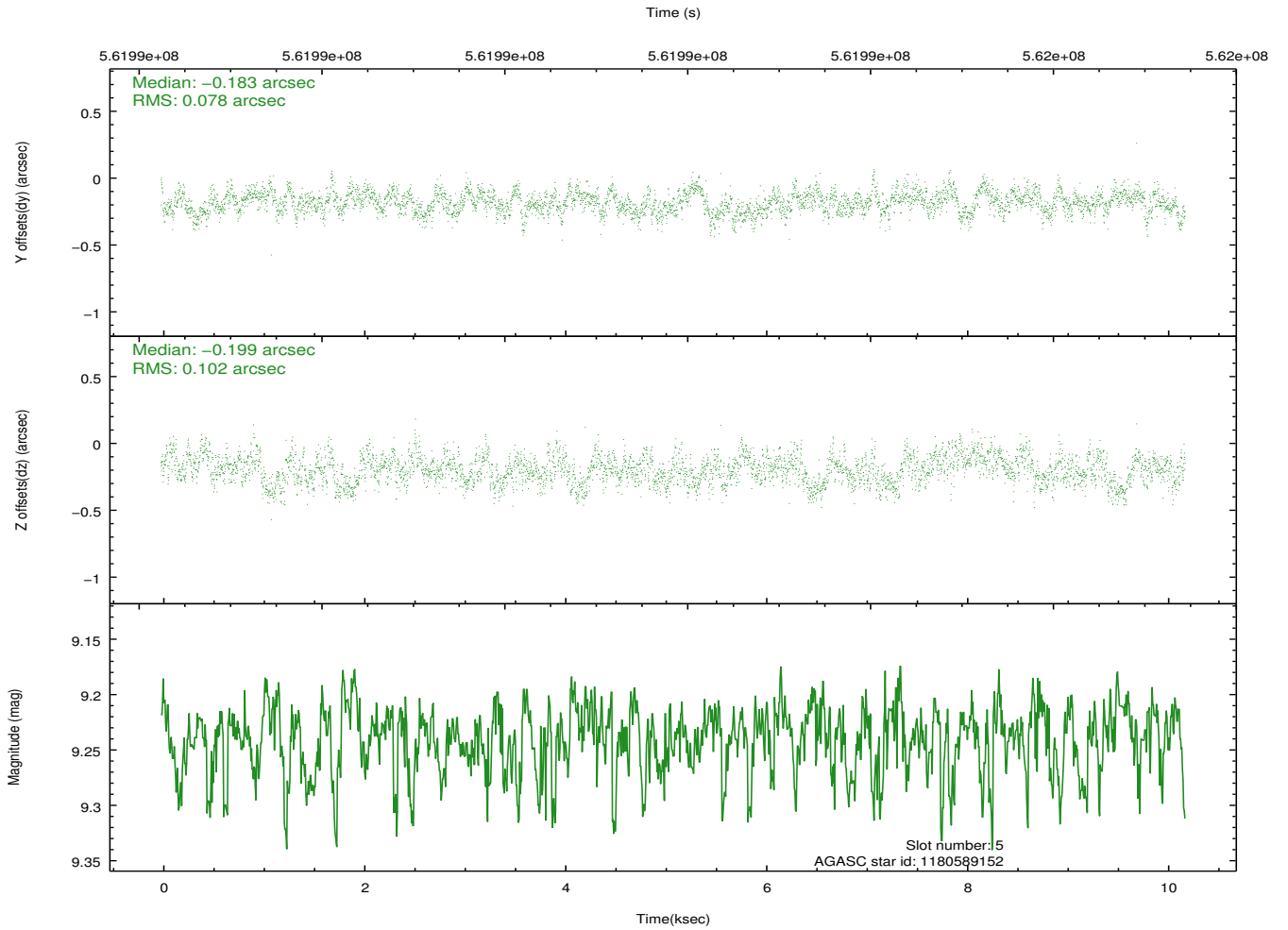
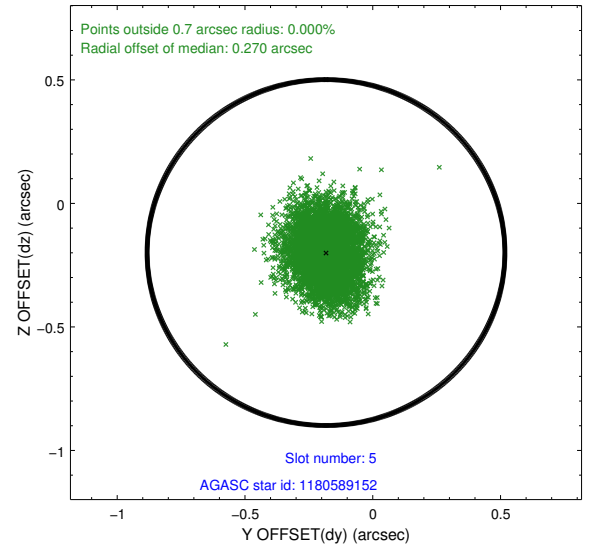
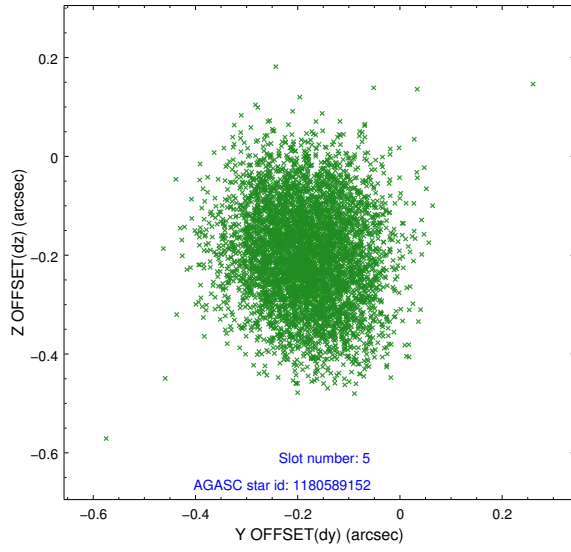
2.4.1 Slot 3



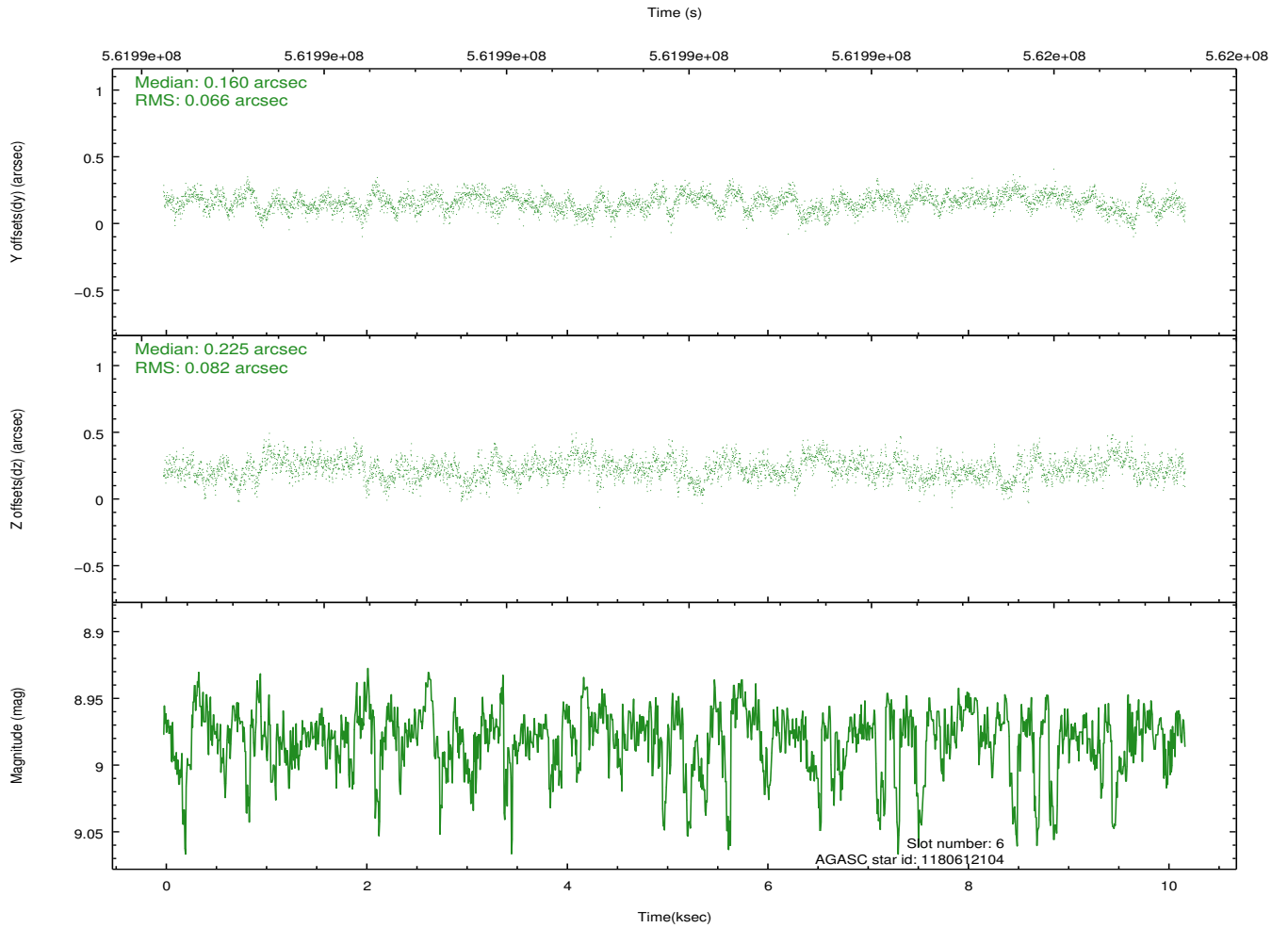
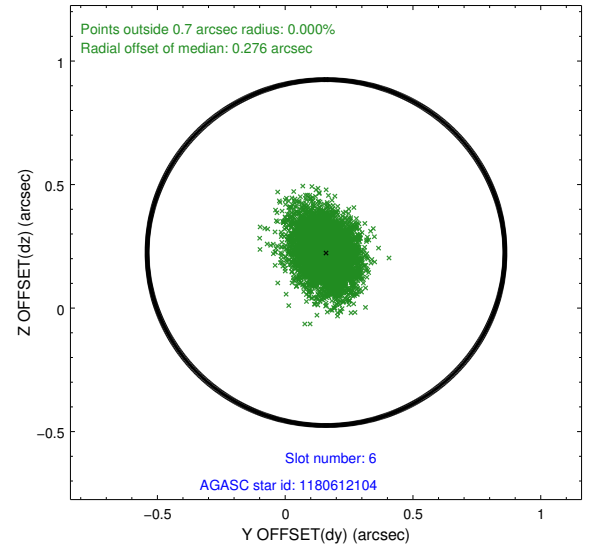
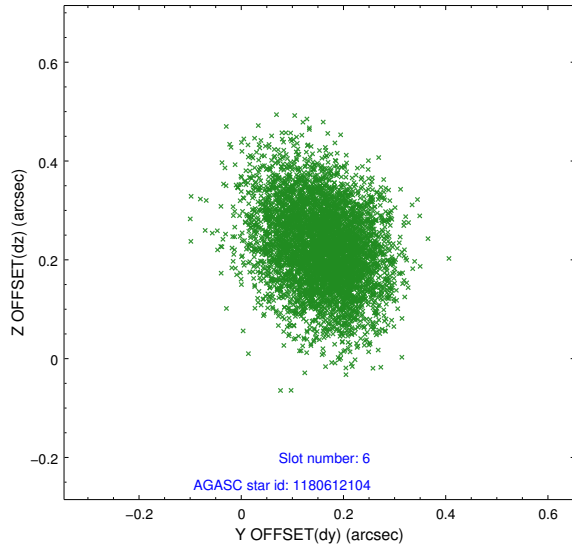
2.4.2 Slot 4



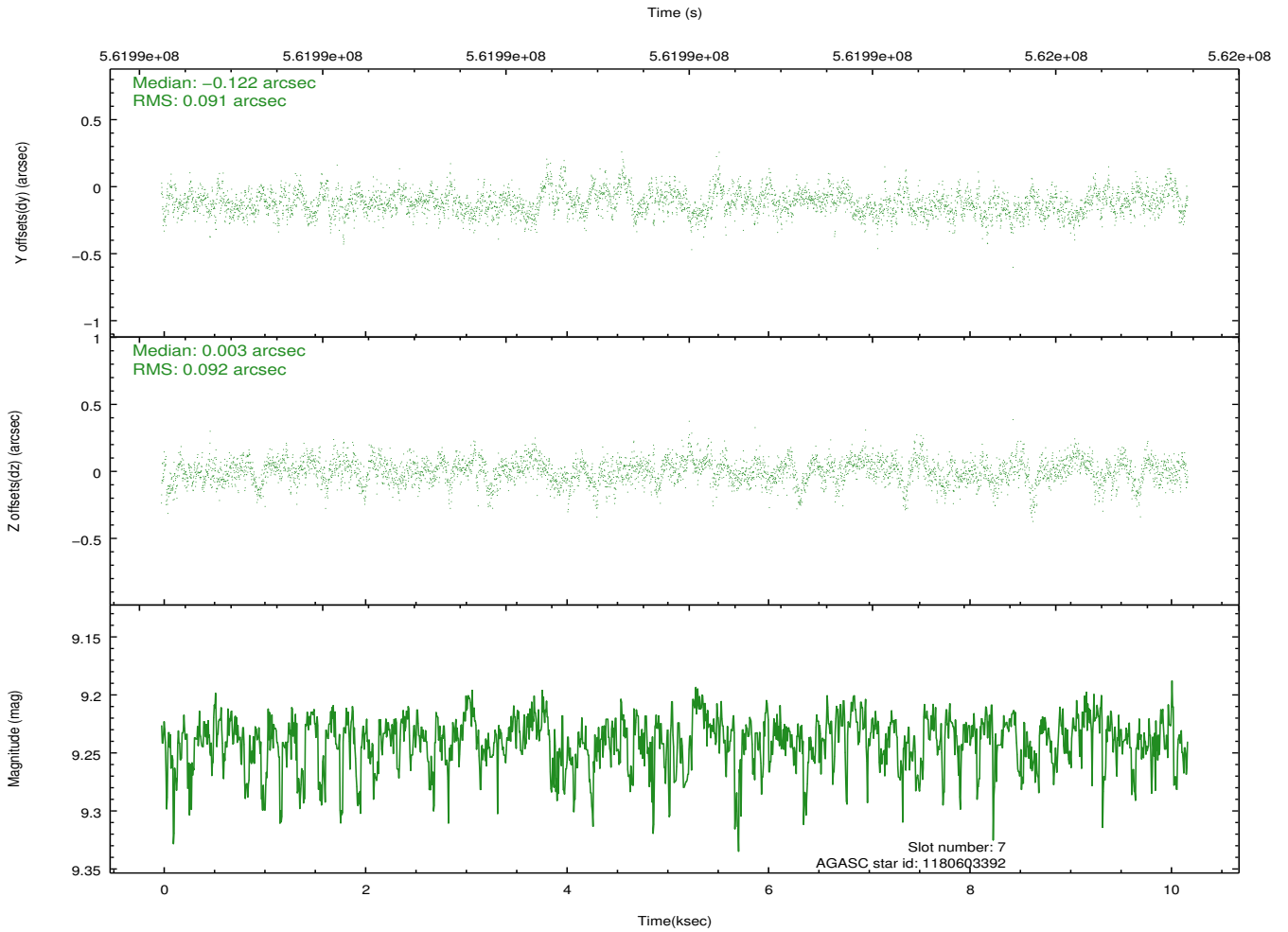
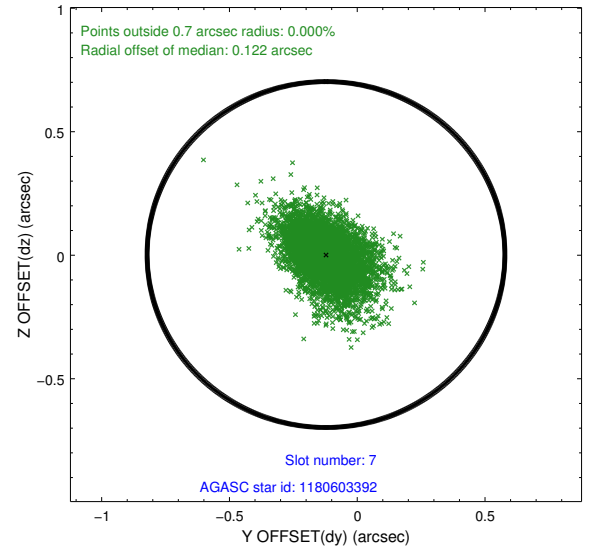
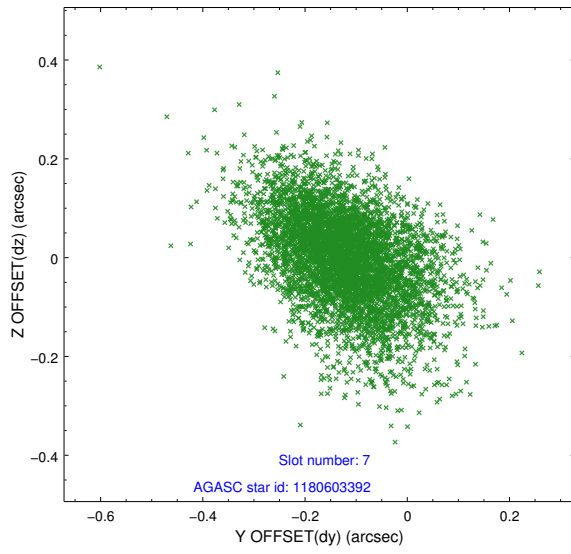
2.4.3 Slot 5



2.4.4 Slot 6

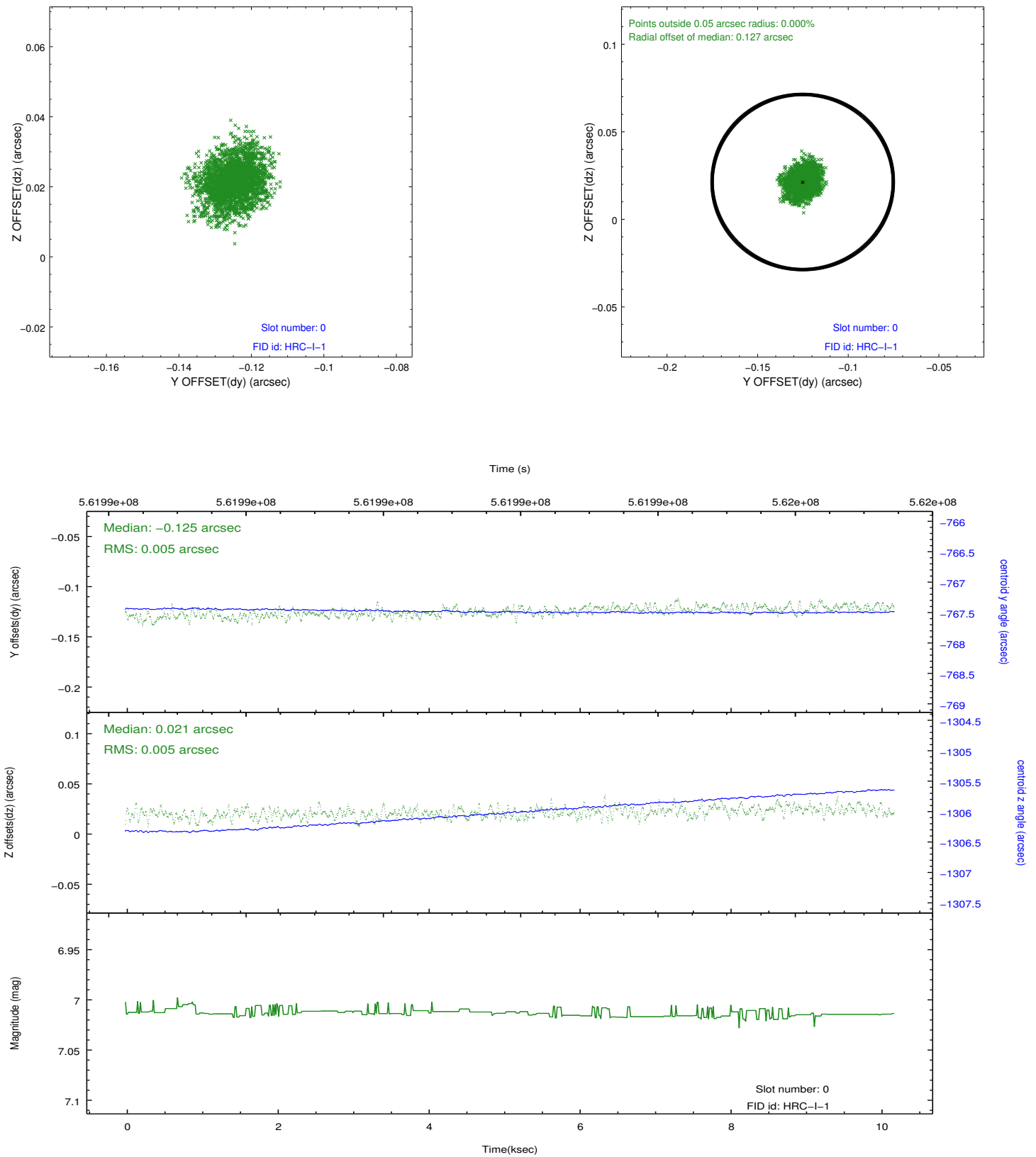


2.4.5 Slot 7

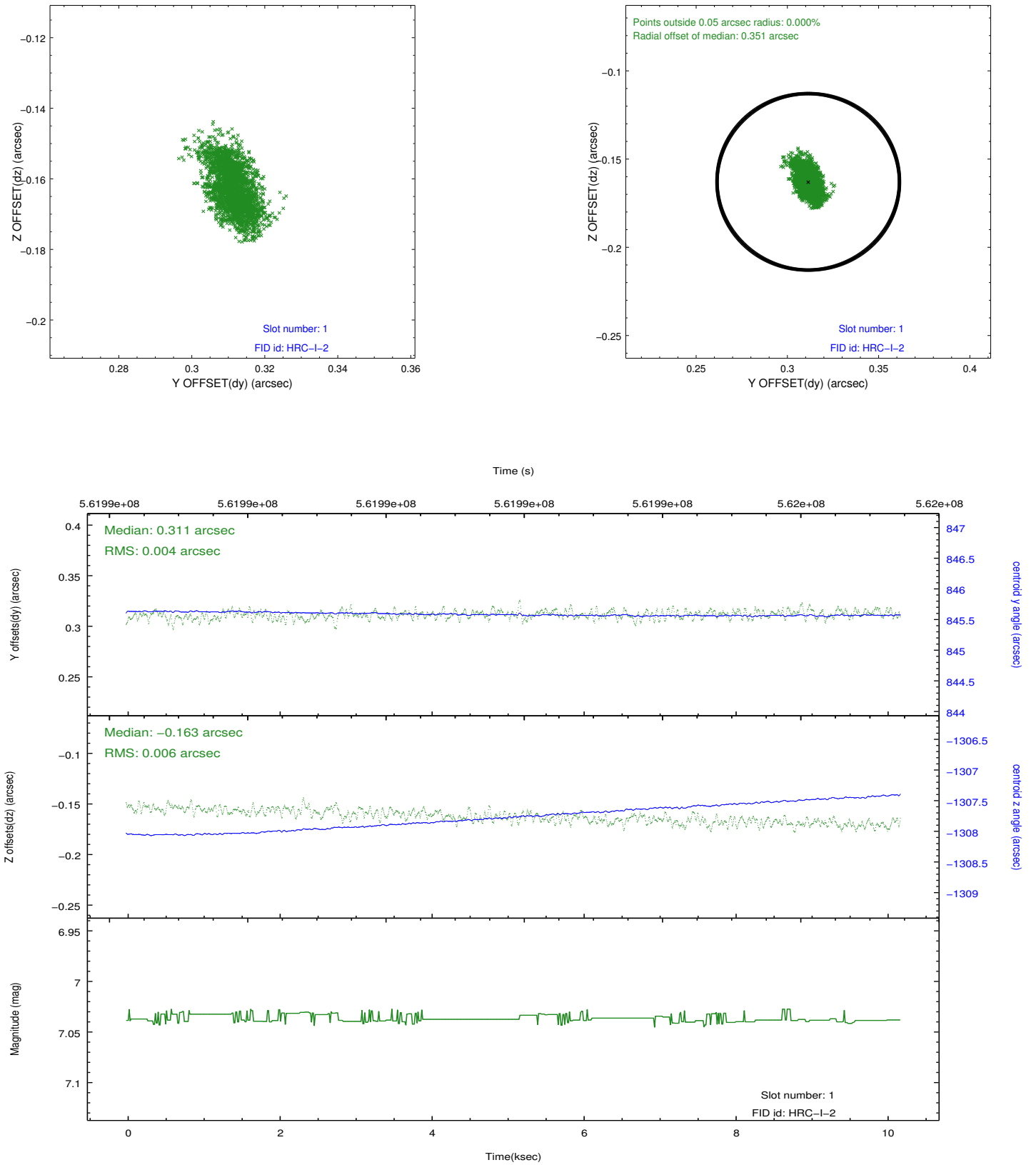


2.5 FID Slots

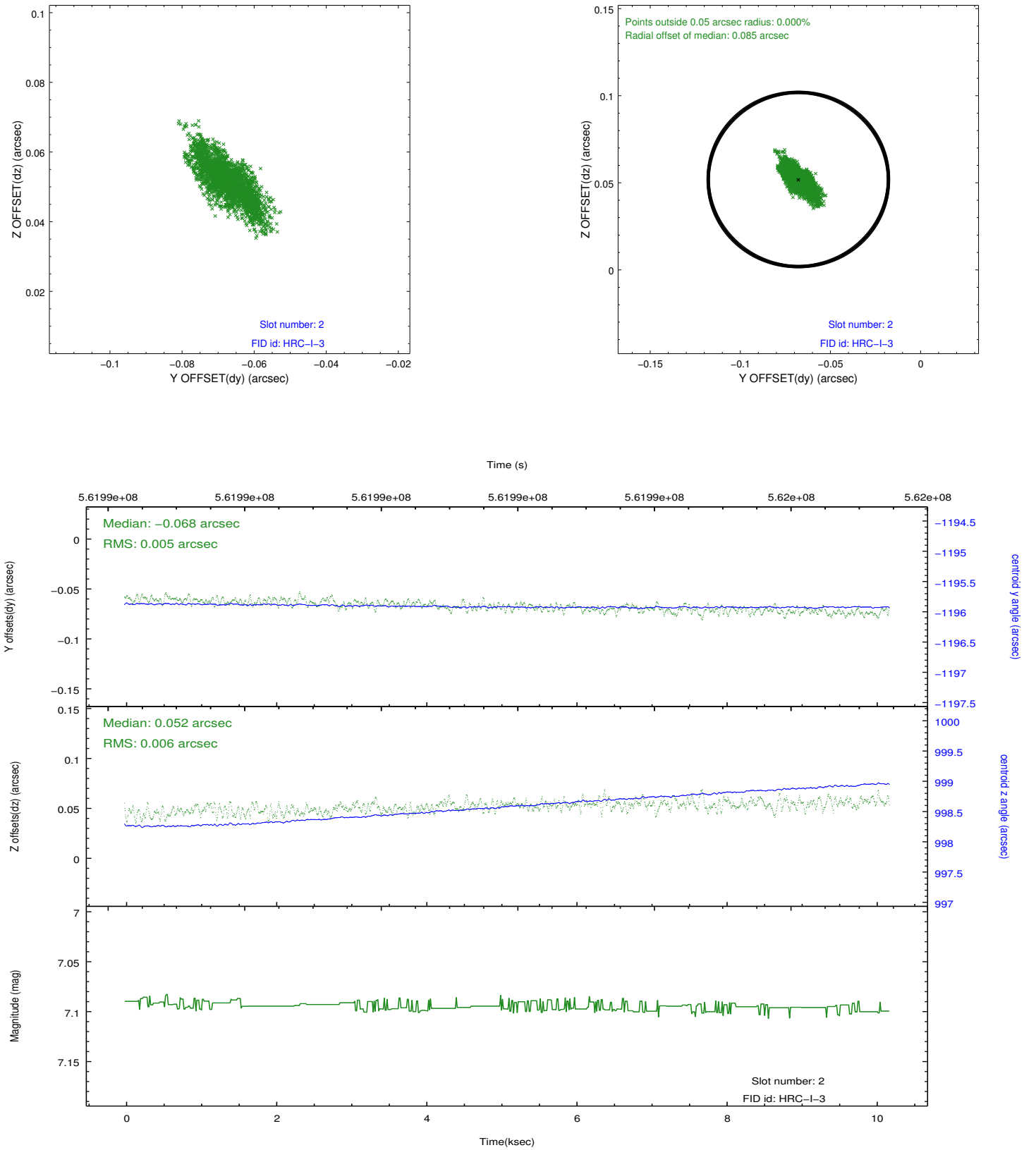
2.5.1 Slot 0



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)	2015.10.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.188500576258

A.2 Comments