

V&V Reference Report

L2 ASCDS Version : 10.7.1

Observation 21716 - L2 Version 1
Chandra X-Ray Center

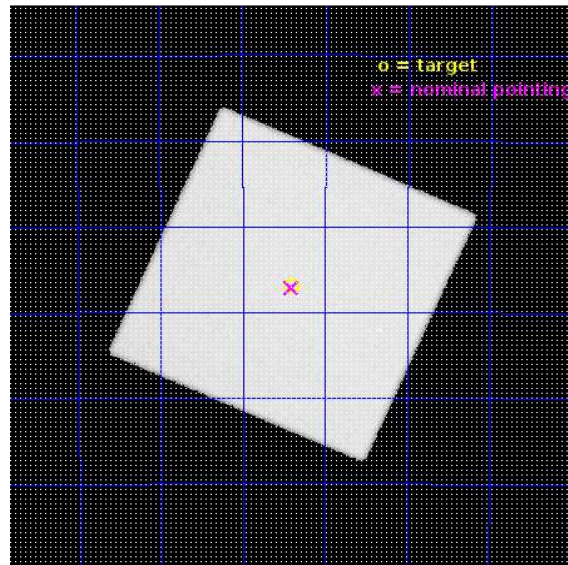
L2 Processing Date : Jan 22 2019

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1 Front

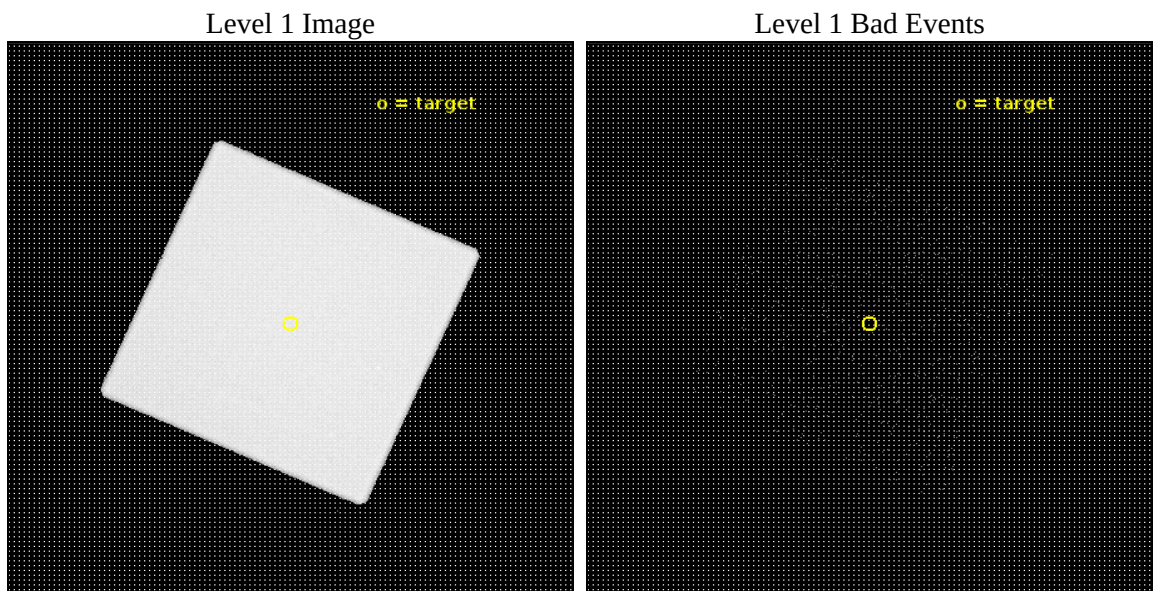
seq_num	801862	Sequence number
obs_id	21716	Observation id
title	Testing the Relative Sensitivity of HRC and ACIS to Faint, Soft, Extended Sources	Proposal title
observer	Ralph Kraft	Principal investigator
object	SPT-CLJ2355-5156	Source name
ra_targ	358.85	Observer's specified target RA [deg]
dec_targ	-51.948	Observer's specified target Dec [deg]
ra_nom	358.85219699713	Nominal RA [deg]
dec_nom	-51.952464516839	Nominal Dec [deg]
roll_nom	248.9062373513	Nominal Roll [deg]
revision	1	Processing version of data
ontime	17182.332276464	[s]
livetime	16941.051290838	Ontime multiplied by DTCOR
l2events	2077149	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	17000.000000	[s] Scheduled observation exposure time
ascdsver	10.7.1	Processing system revision	ontime	17182.332276464	[s]
caldbver	4.8.2	 	l1events	2809015	Number of level 1 events
date	2019-01-22T14:58:32	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

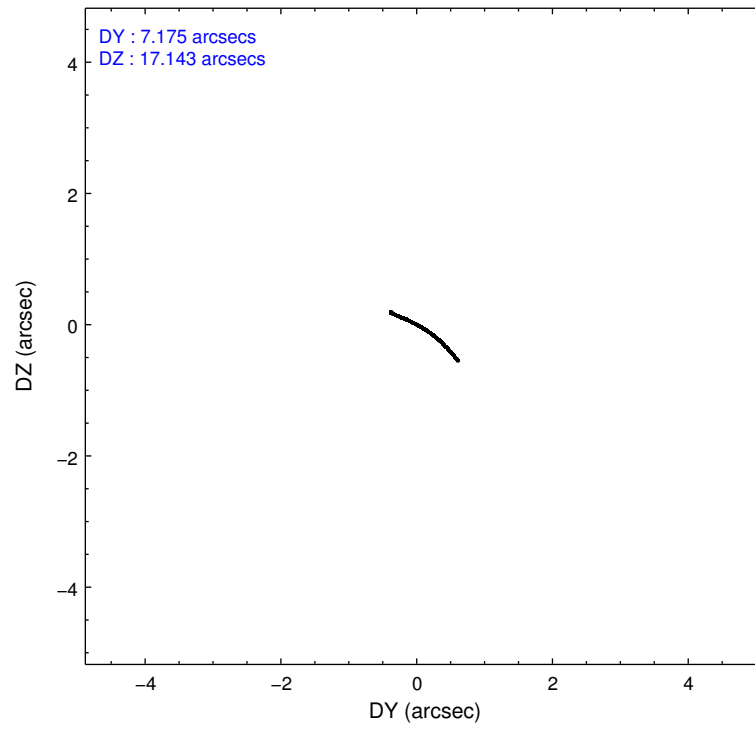
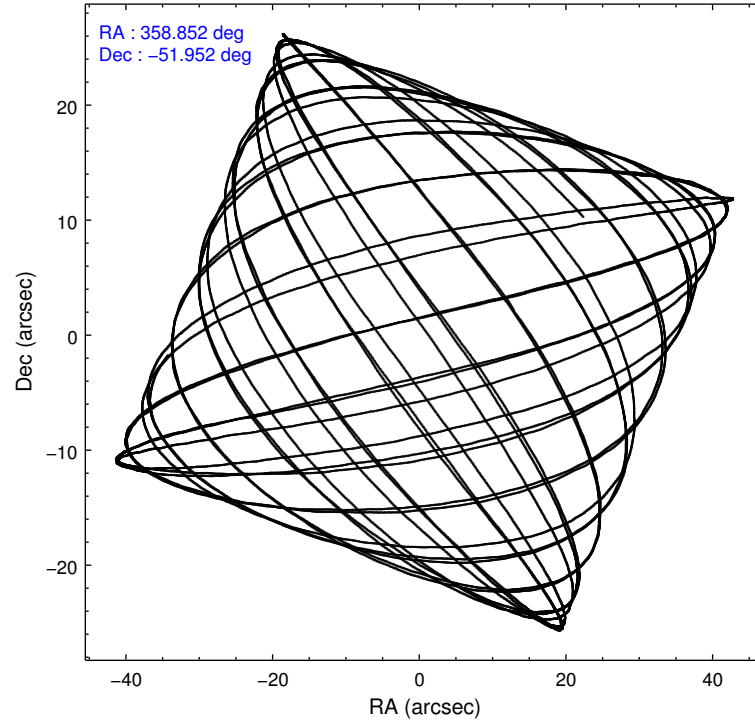
	segment 0
level 1 events	2809015
rejected events	67887
rejected %	2%

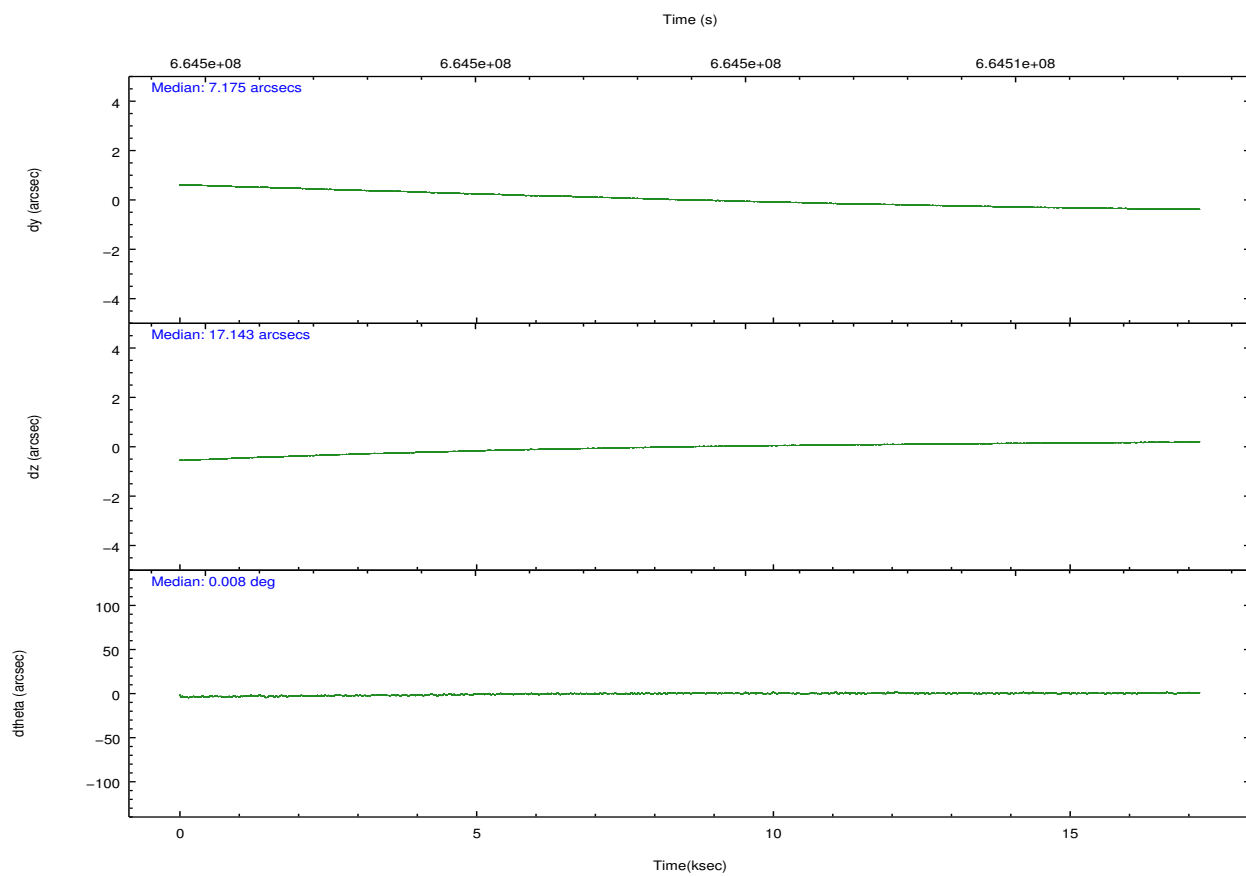
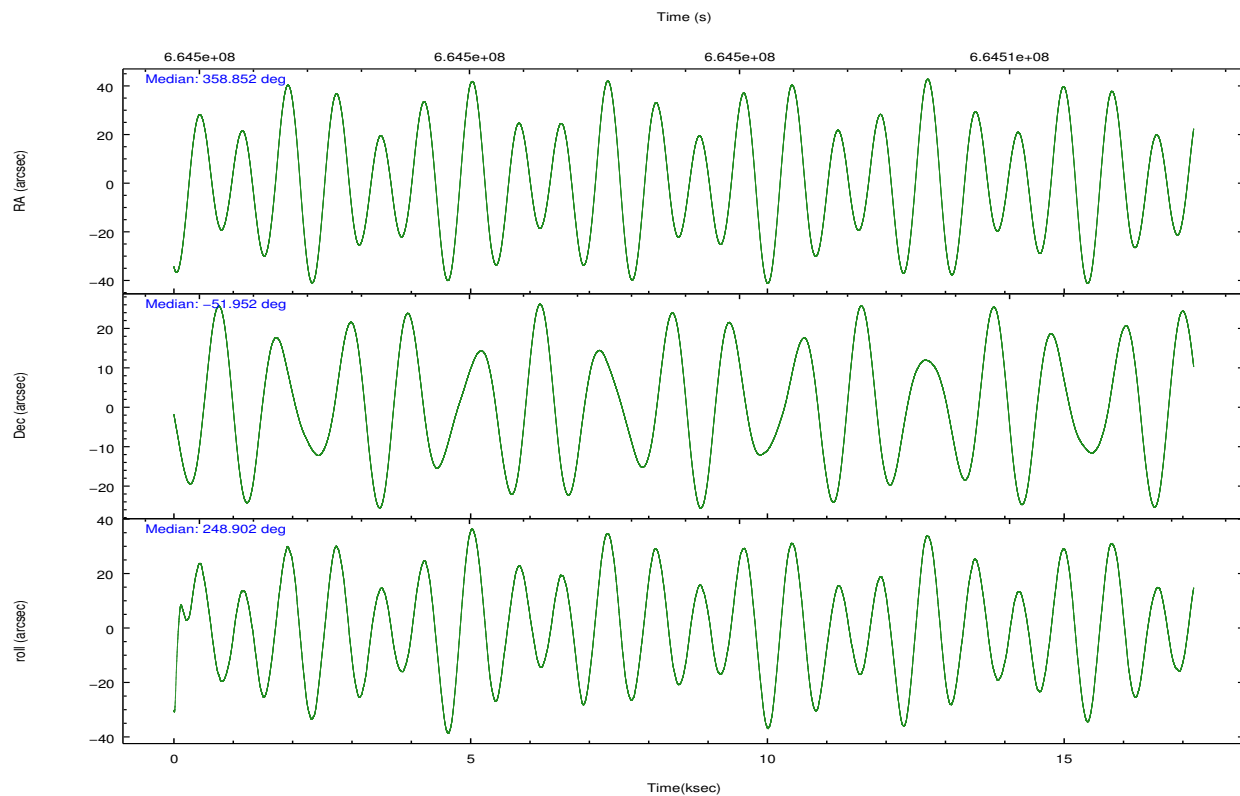
2.2 Compared Parameters

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	358.844428	358.8521969971254
[deg] Pointing Dec	-51.925602	-51.95246451683861
[deg] Pointing Roll	248.995615	248.9062373512975
[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)	664495543.184000	664494984.8700401
Observation start date	2019-01-21T22:04:34	2019-01-21T21:56:24
[s] Observation end time (MET)	664512543.184000	664513554.79615
Observation end date	2019-01-22T02:47:54	2019-01-22T03:05:54

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

2.3 Aspect



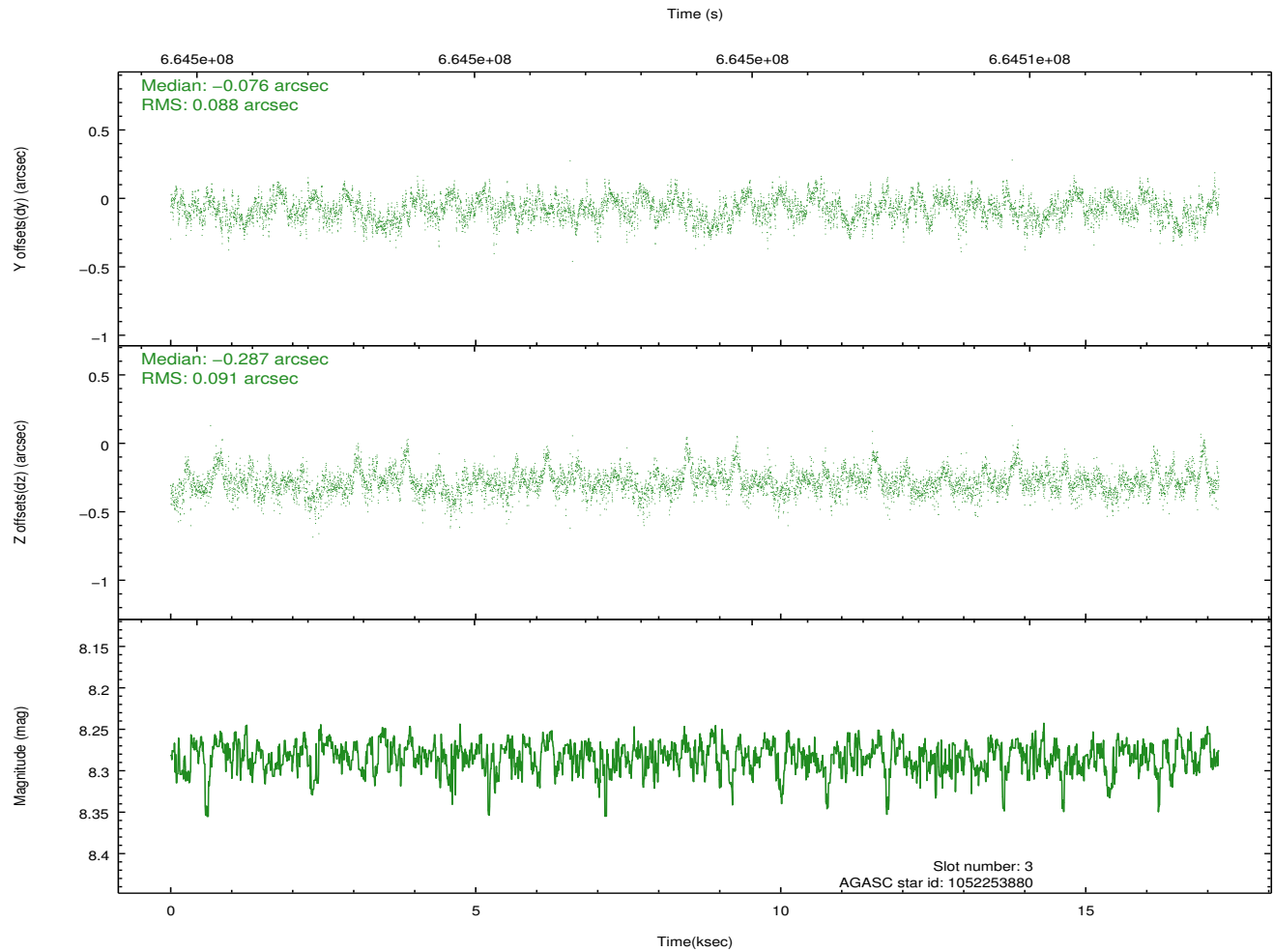
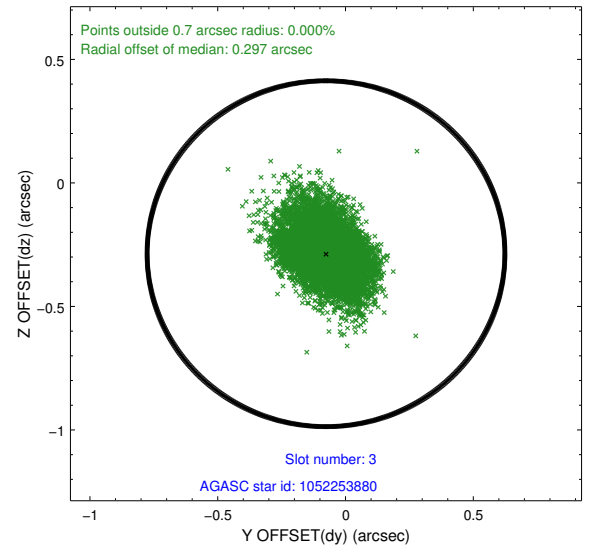
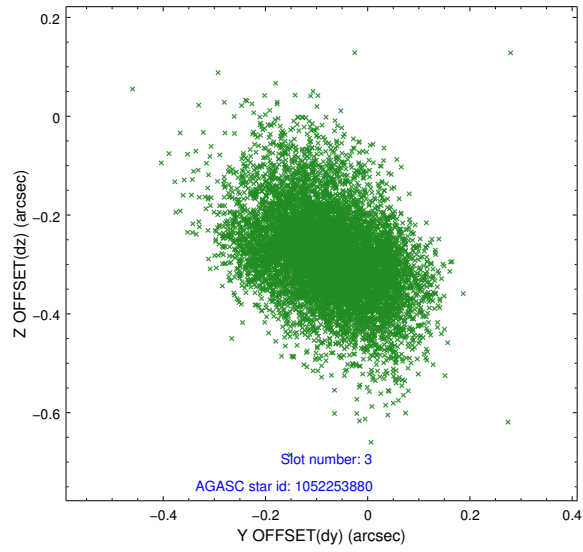


Slot Statistics

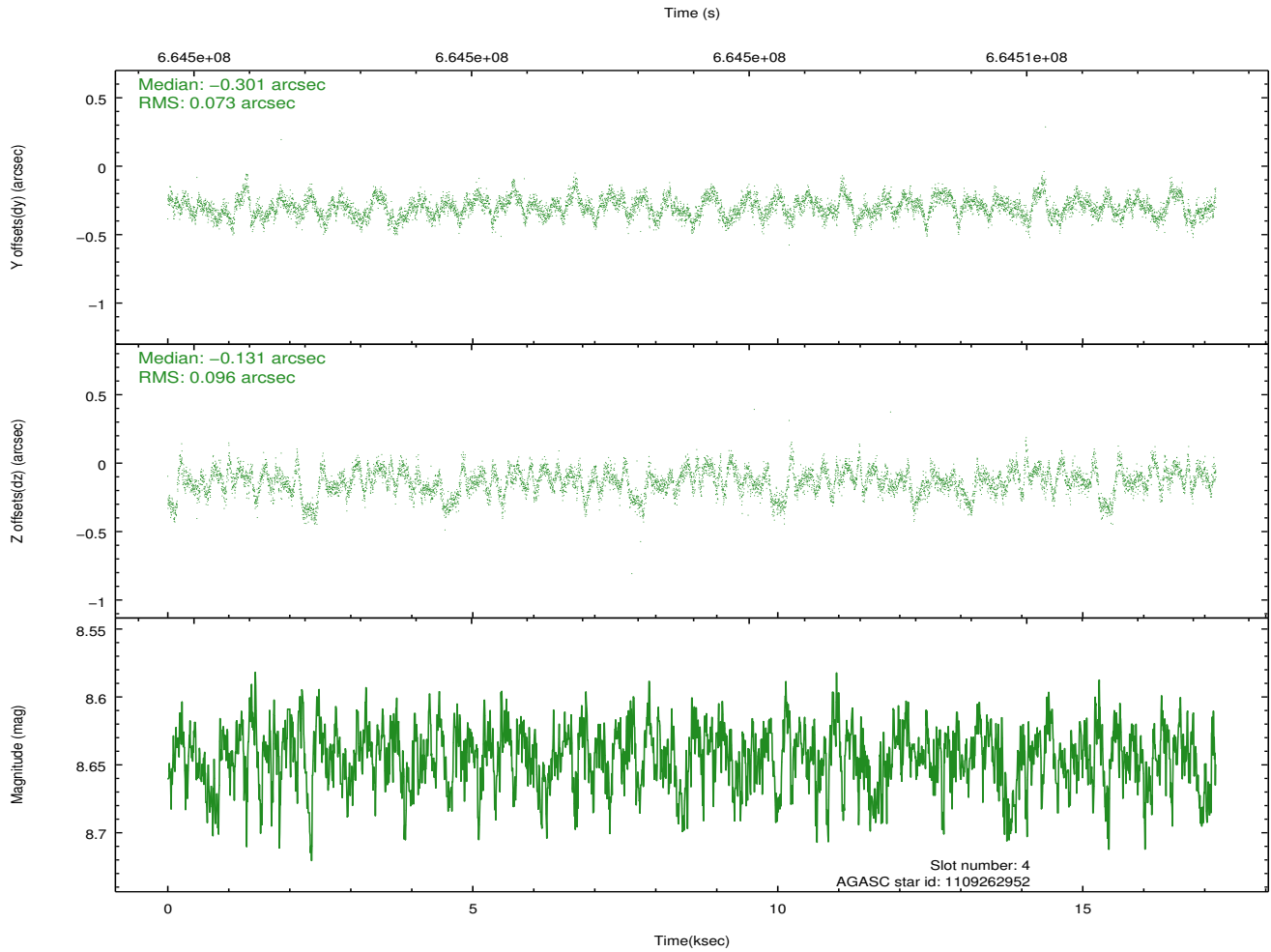
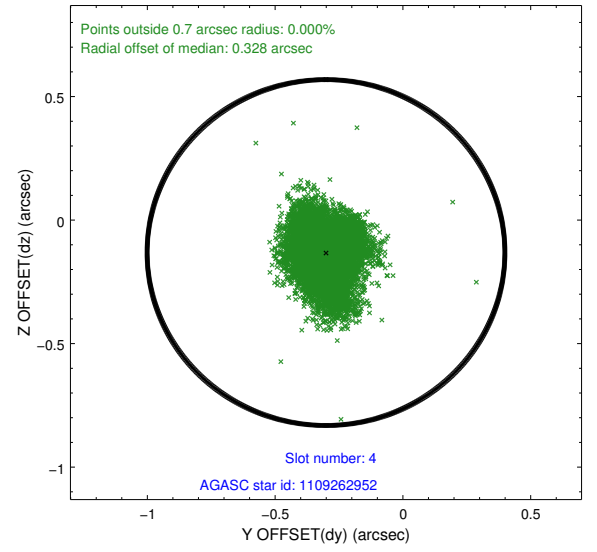
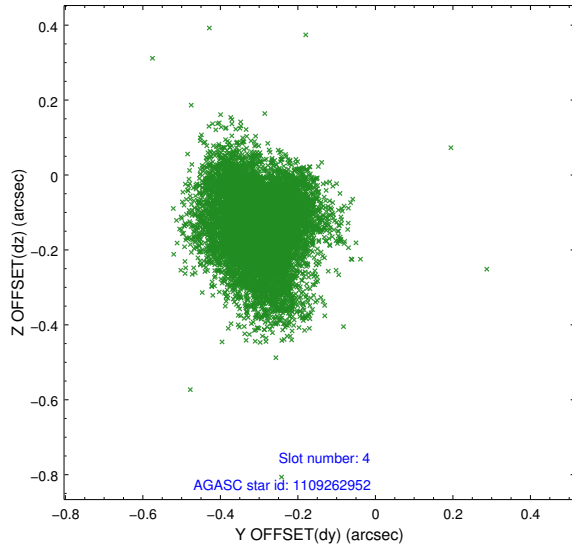
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.04	4191	1.000	-0.150	-0.020	0.009	0.015	0.000000	0.000000	-762.92	-1305
1	FID		HRC-I-2	7.04	4191	1.000	0.347	-0.167	0.009	0.014	0.000000	0.000000	850.02	-1307
2	FID		HRC-I-3	7.10	4191	1.000	-0.079	0.096	0.008	0.015	0.000000	0.000000	-1191.17	999
3	GUIDE	used	1052253880	8.28	8372	1.000	-0.076	-0.287	0.132	0.222	0.008640	-51.893539	-1015.90	2381
4	GUIDE	used	1109262952	8.64	8379	1.000	-0.301	-0.131	0.127	0.209	359.269282	-52.221914	662.58	1258
5	GUIDE	used	1109270368	8.53	8377	1.000	0.306	0.476	0.136	0.213	358.906310	-51.374260	-1901.55	-577
6	GUIDE	used	1109271640	9.49	8369	1.000	0.127	0.104	0.223	0.371	358.154194	-51.848857	300.60	-1528
7	GUIDE	used	1157759424	9.44	8364	1.000	-0.042	-0.144	0.224	0.368	359.117776	-52.573069	1962.83	1394

2.4 Star Slots

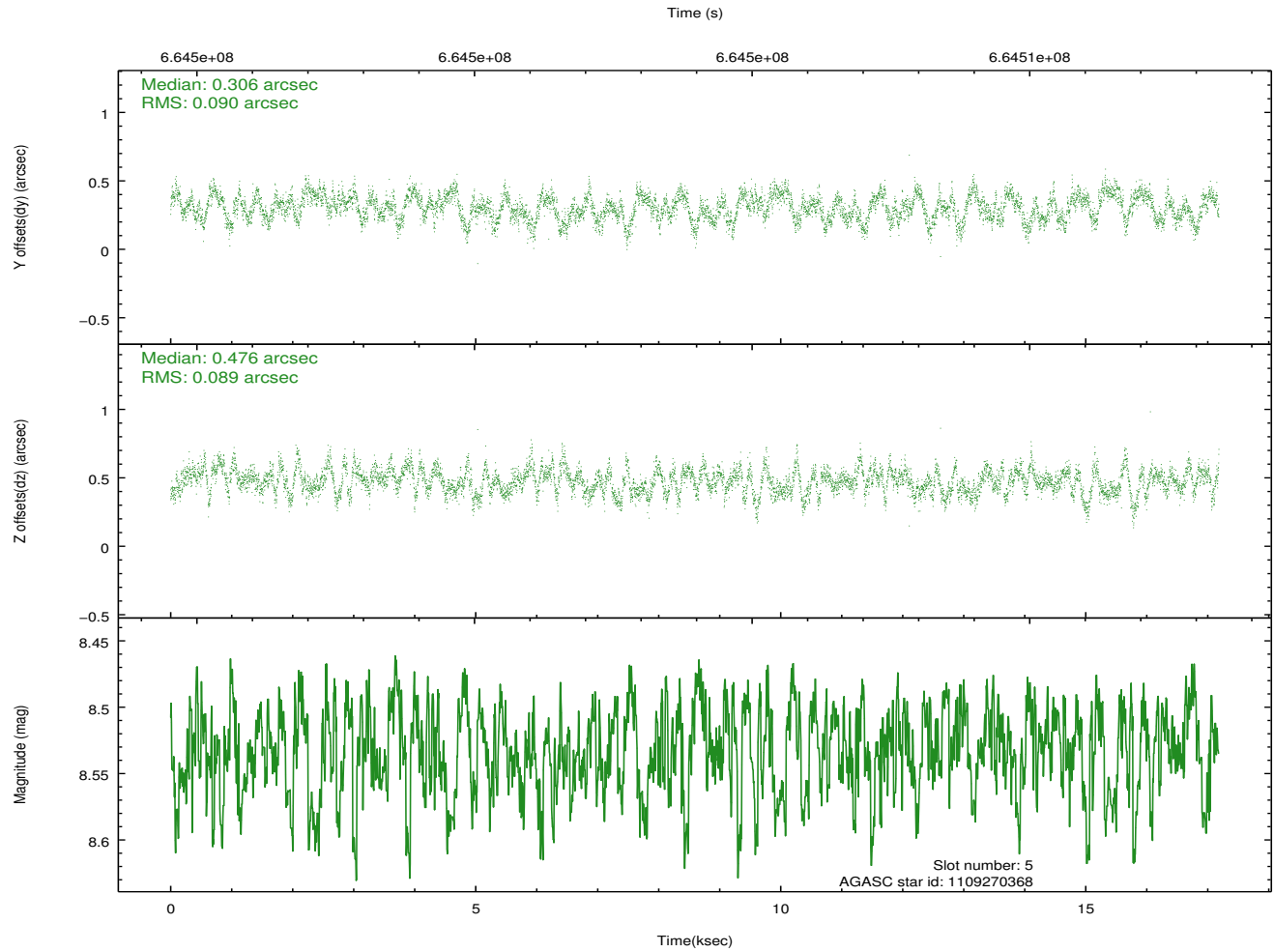
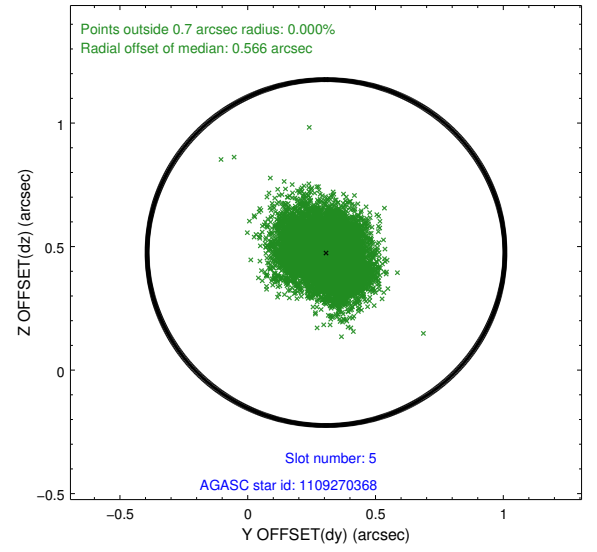
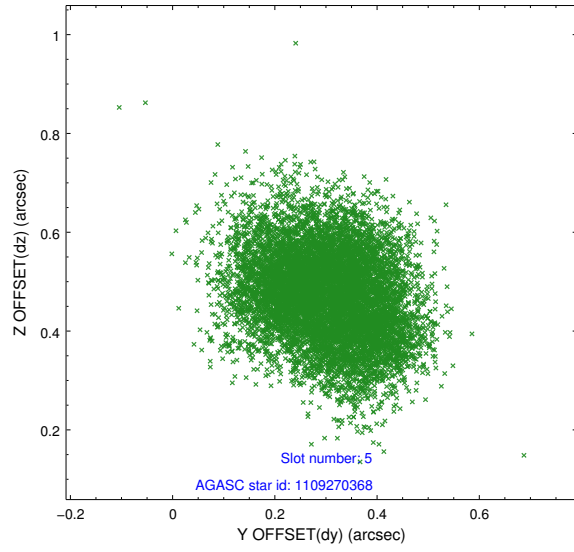
2.4.1 Slot 3



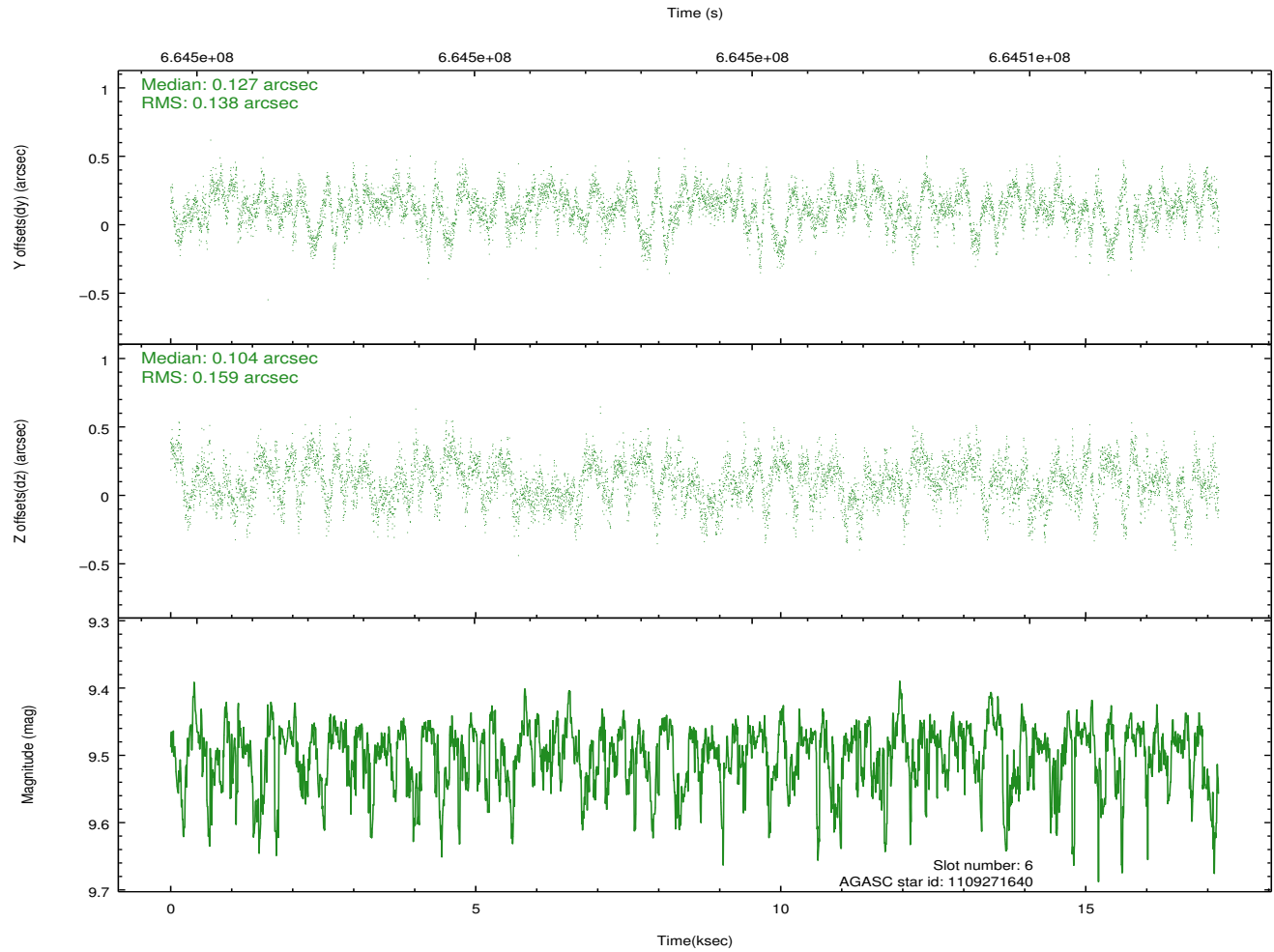
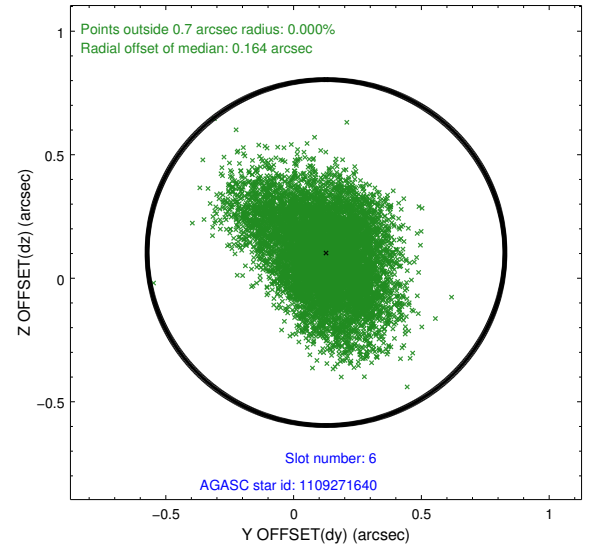
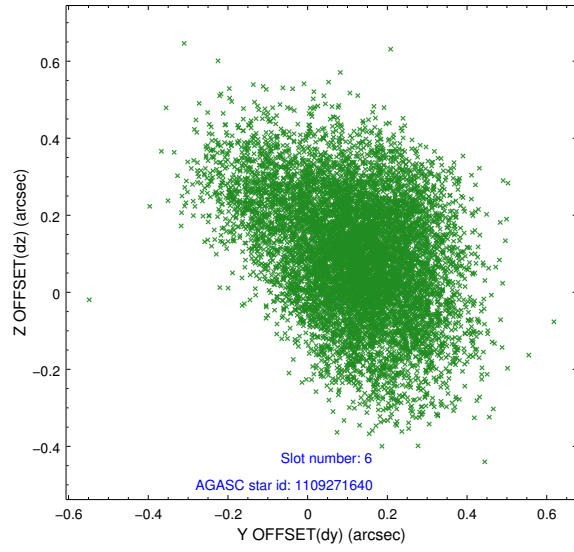
2.4.2 Slot 4



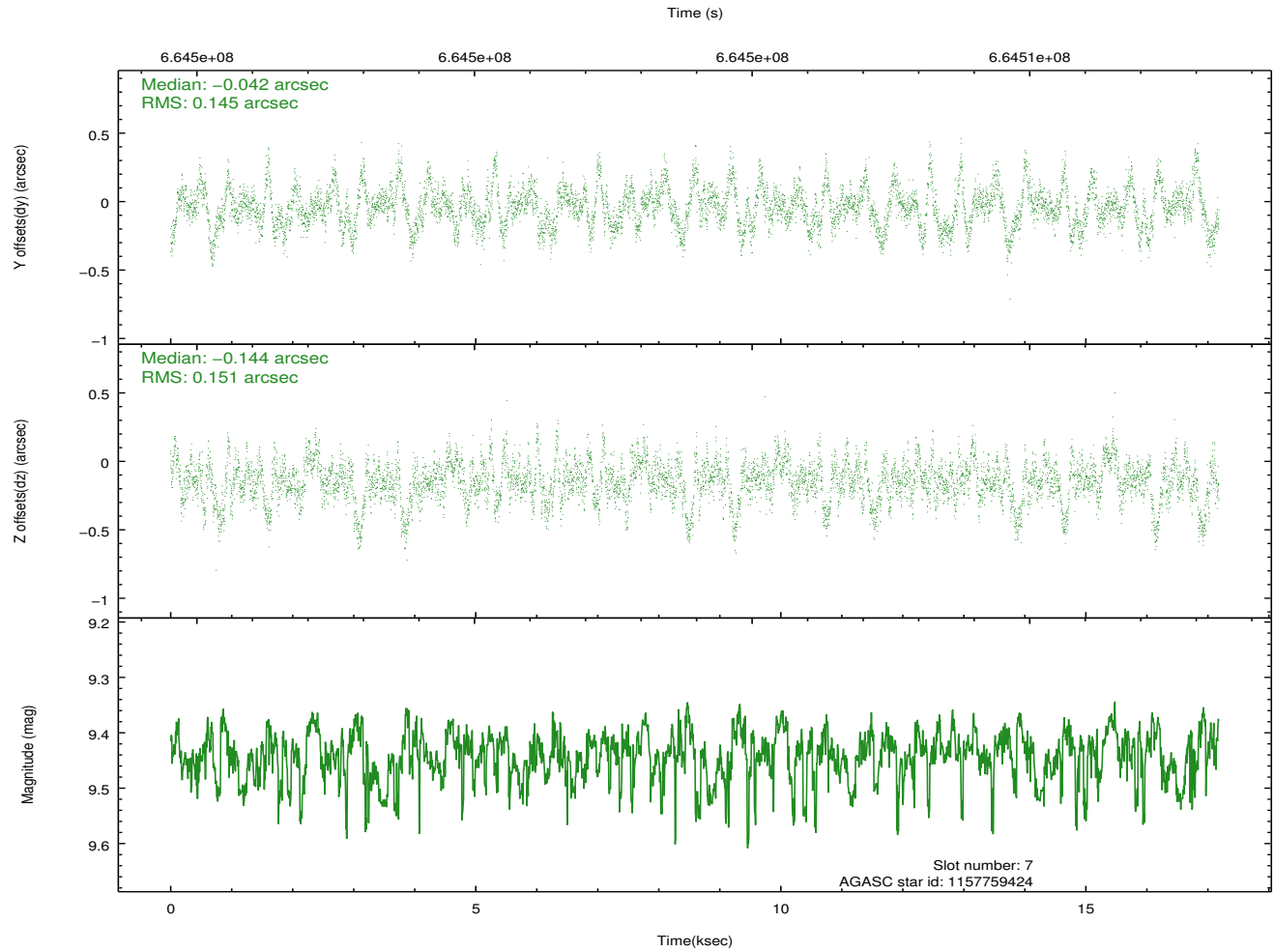
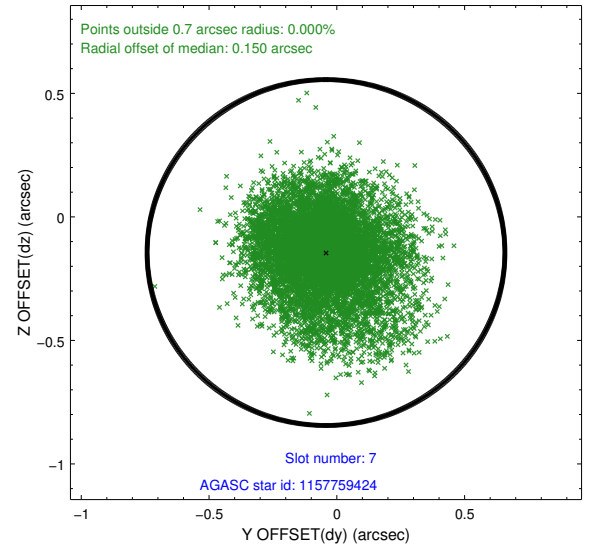
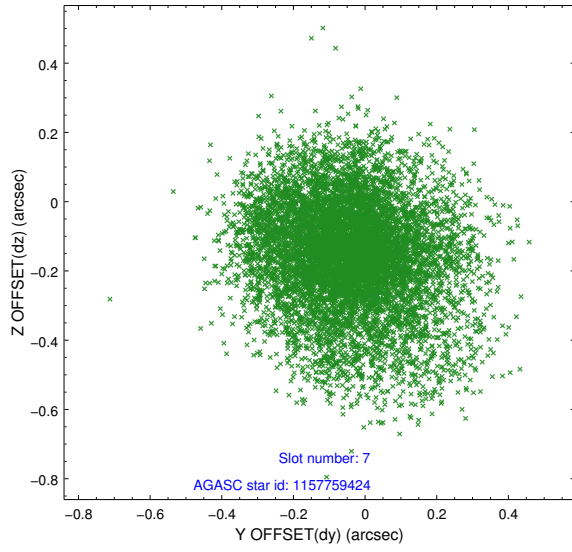
2.4.3 Slot 5



2.4.4 Slot 6

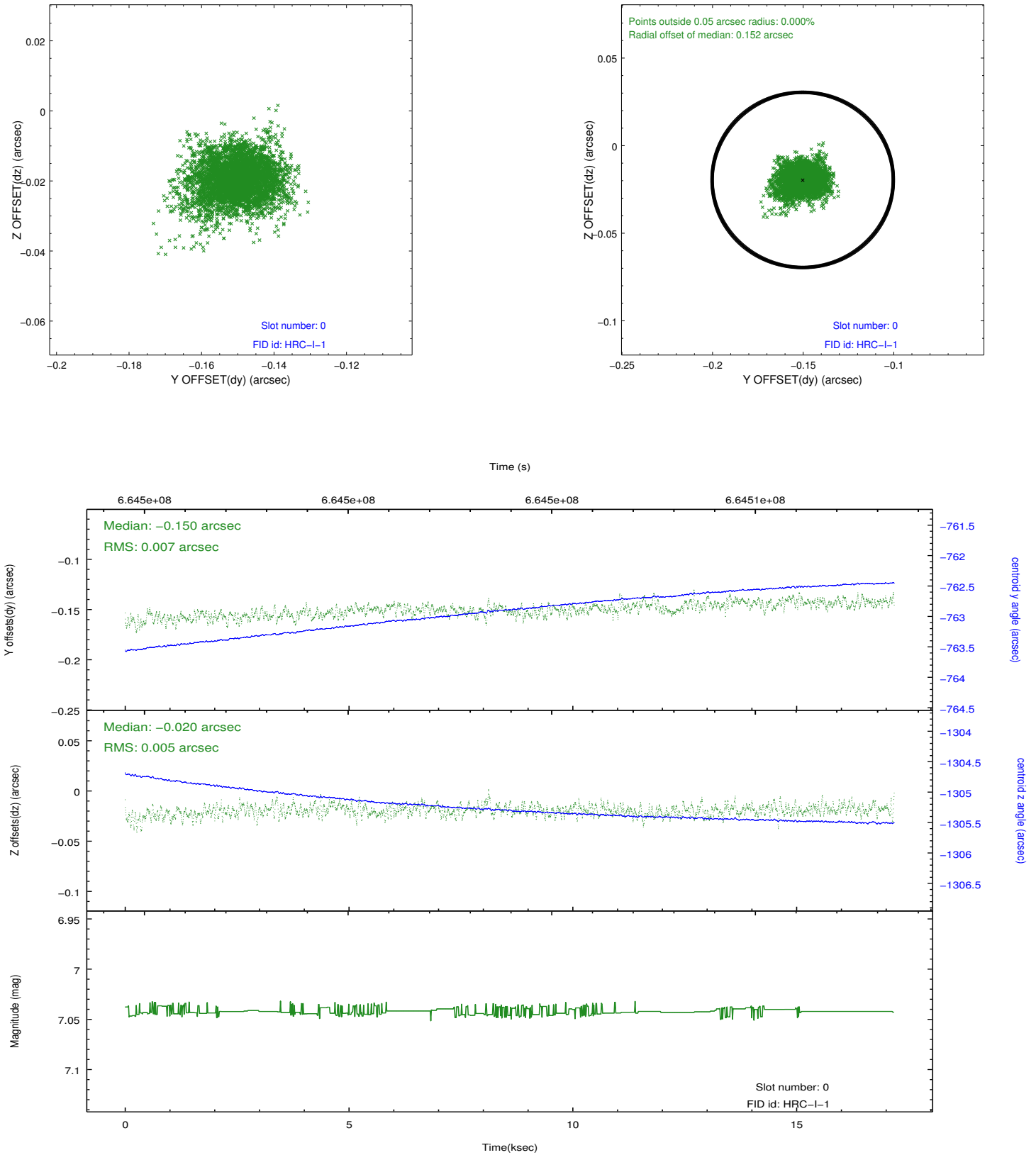


2.4.5 Slot 7

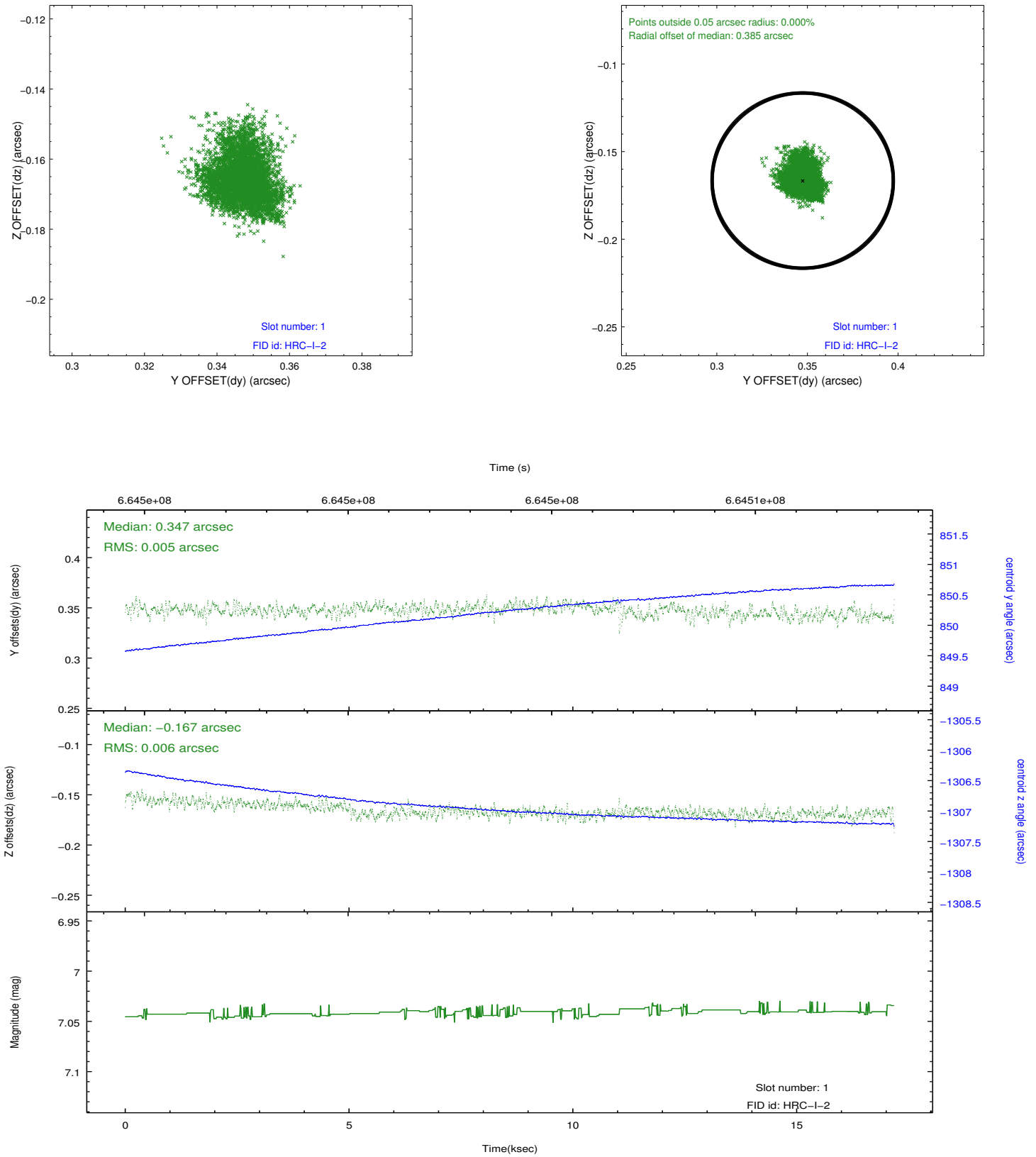


2.5 FID Slots

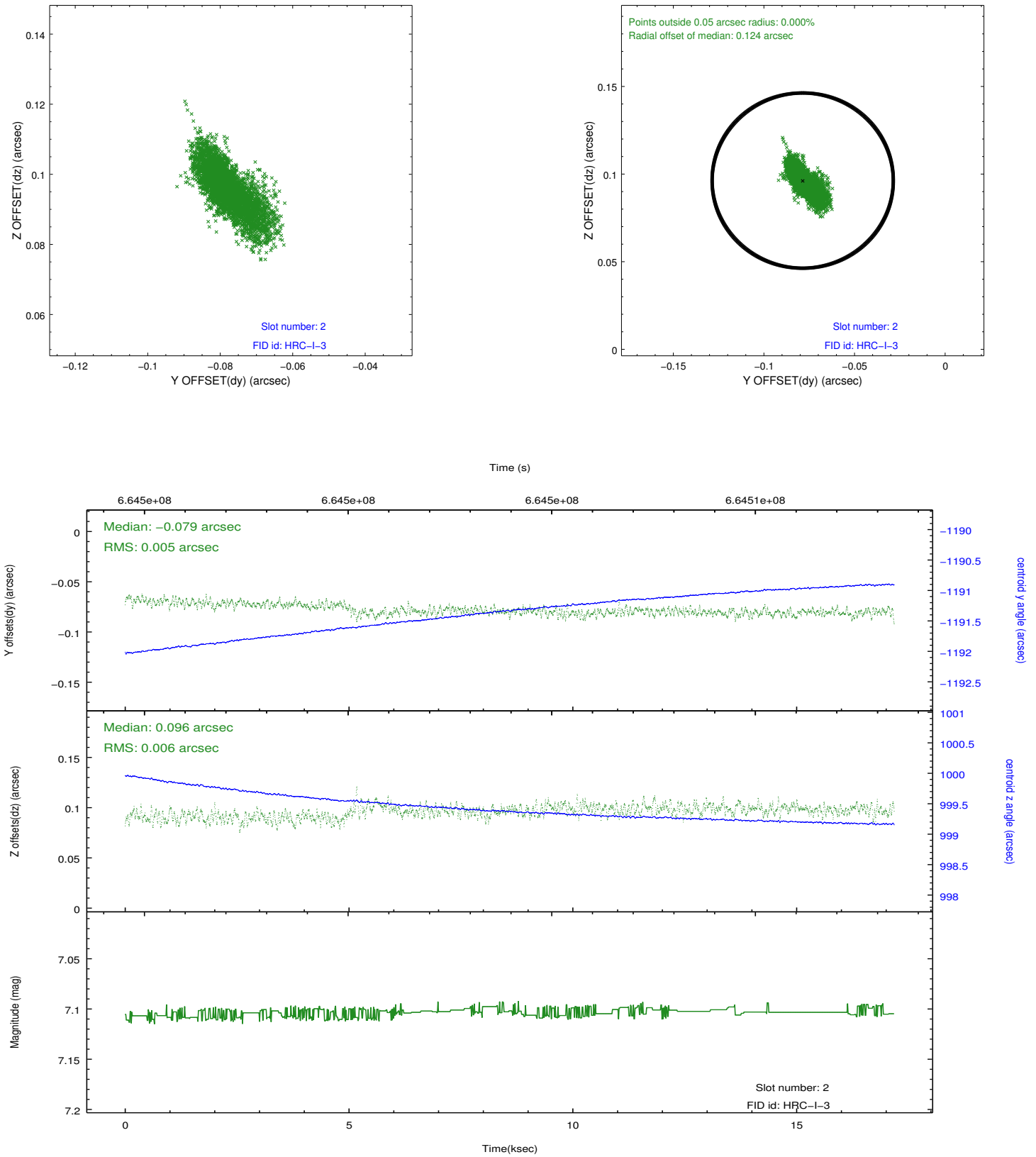
2.5.1 Slot 0



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)	2019.01.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	17.182332276464

A.2 Comments