

V&V Reference Report

L2 ASCDS Version : 10.7

Observation 21718 - L2 Version 1
Chandra X-Ray Center

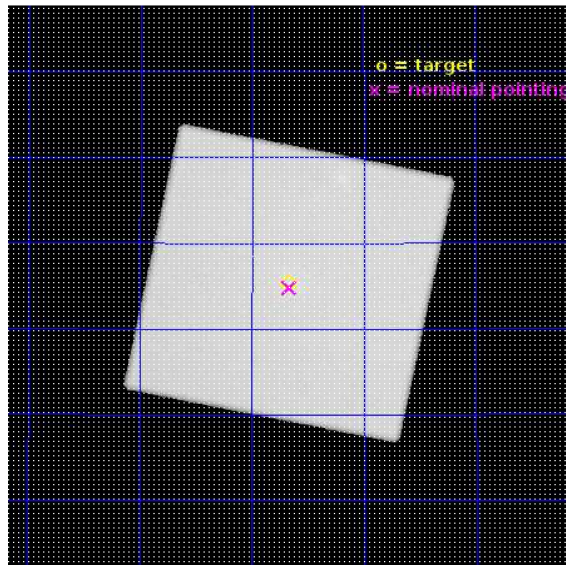
L2 Processing Date : Nov 9 2018

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1 Front

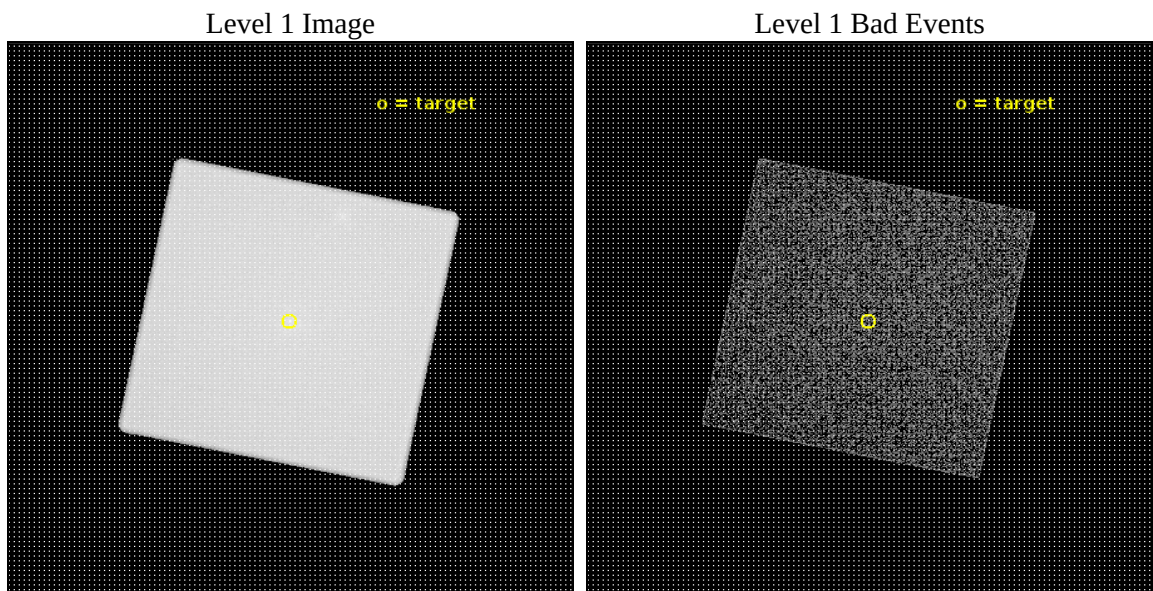
seq_num	801864	Sequence number
obs_id	21718	Observation id
title	An HRC study of the complex gas dynamics in the NGC499/NGC507 group merger	Proposal title
observer	Ralph Kraft	Principal investigator
object	NGC 507	Source name
ra_targ	20.91625	Observer's specified target RA [deg]
dec_targ	33.256056	Observer's specified target Dec [deg]
ra_nom	20.916005159295	Nominal RA [deg]
dec_nom	33.246934672137	Nominal Dec [deg]
roll_nom	236.6185701258	Nominal Roll [deg]
revision	1	Processing version of data
ontime	29629.933013797	[s]
livetime	29227.94779027	Ontime multiplied by DTCOR
l2events	3496884	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	29500.000000	[s] Scheduled observation exposure time
ascdsver	10.7	Processing system revision	ontime	29629.933013797	[s]
caldbver	4.8.0.1	 	l1events	4803321	Number of level 1 events
date	2018-11-09T15:04:23	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

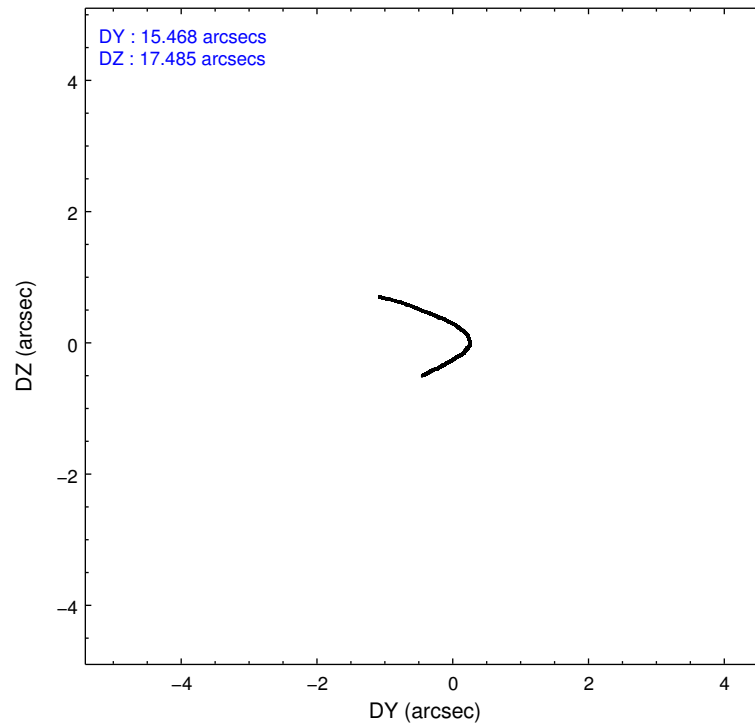
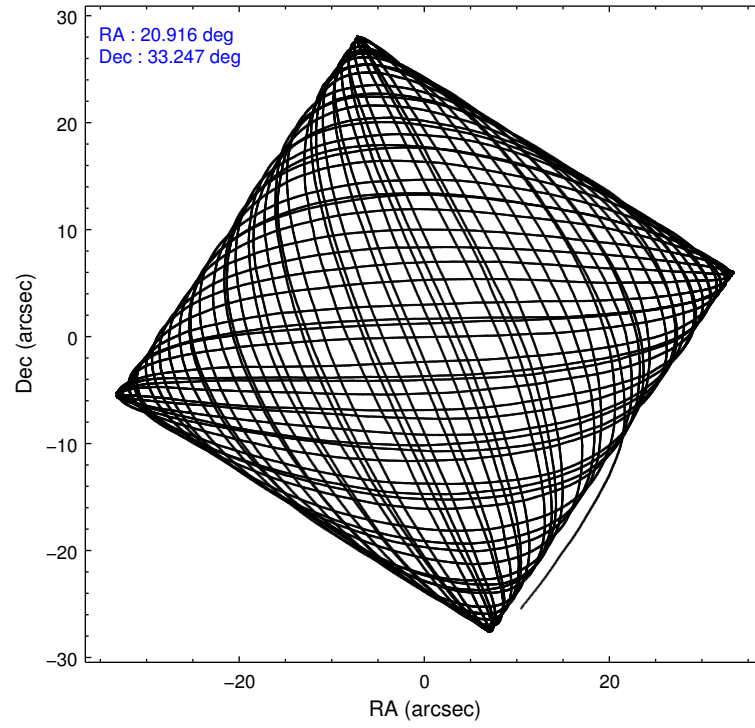
	segment 0
level 1 events	4803321
rejected events	204179
rejected %	4%

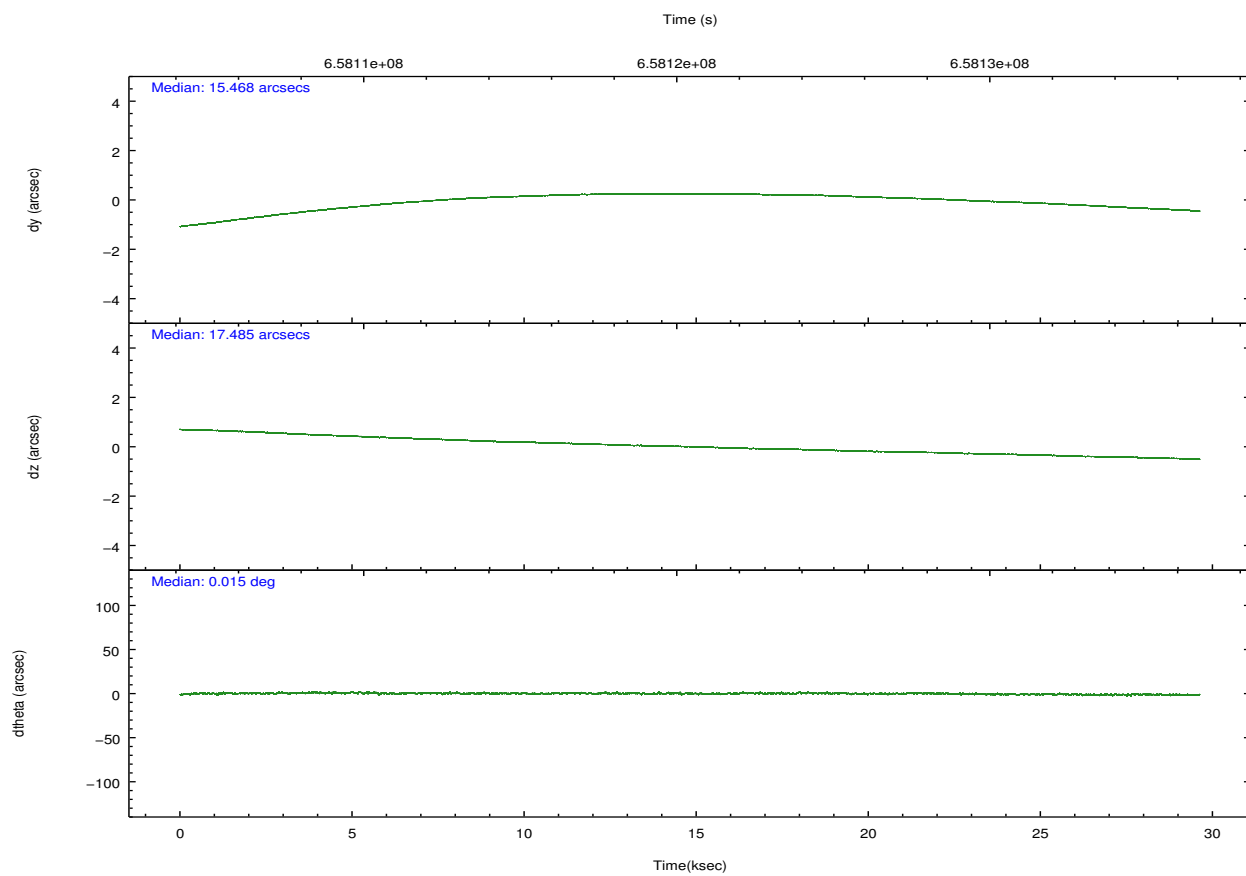
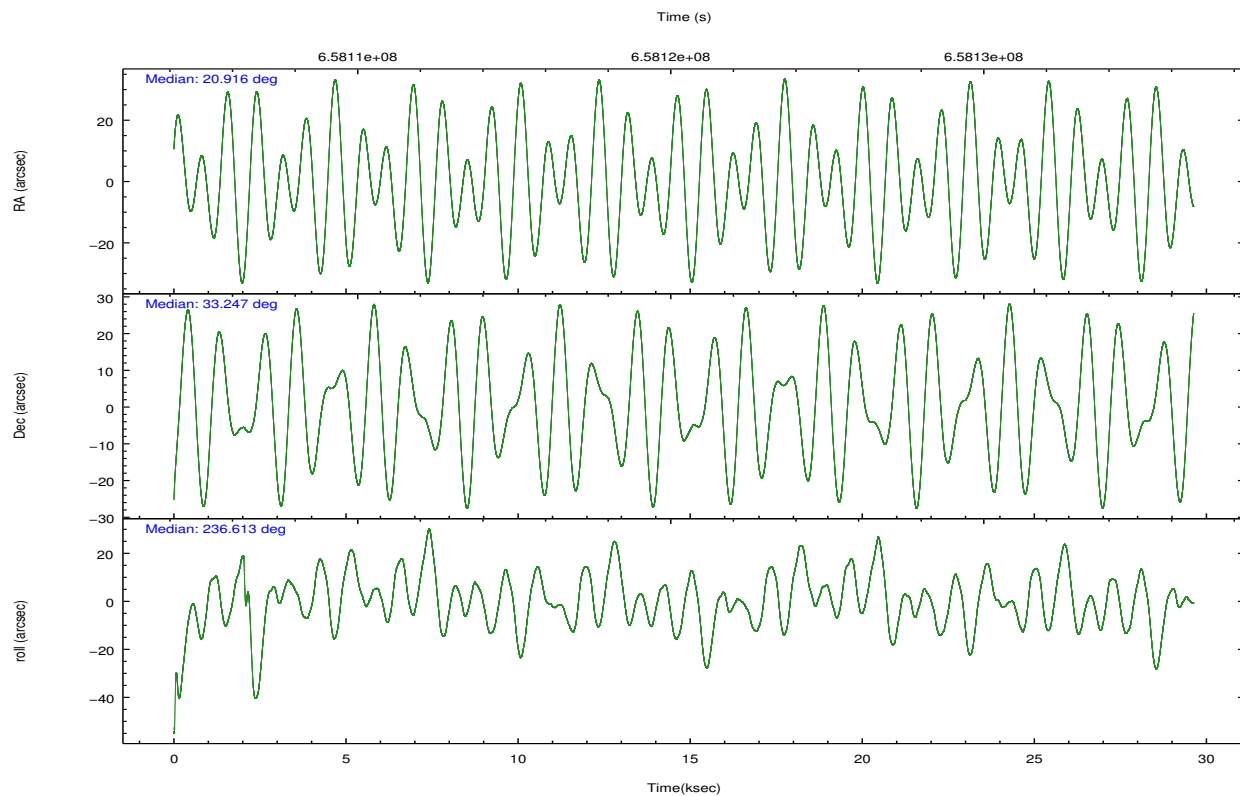
2.2 Compared Parameters

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	20.917167	20.91600515929545
[deg] Pointing Dec	33.274232	33.24693467213651
[deg] Pointing Roll	236.713430	236.6185701257976
[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)	658105754.184000	658104916.6765
Observation start date	2018-11-08T23:08:05	2018-11-08T22:55:16
[s] Observation end time (MET)	658135254.184000	658135874.24084
Observation end date	2018-11-09T07:19:45	2018-11-09T07:31:14

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

2.3 Aspect



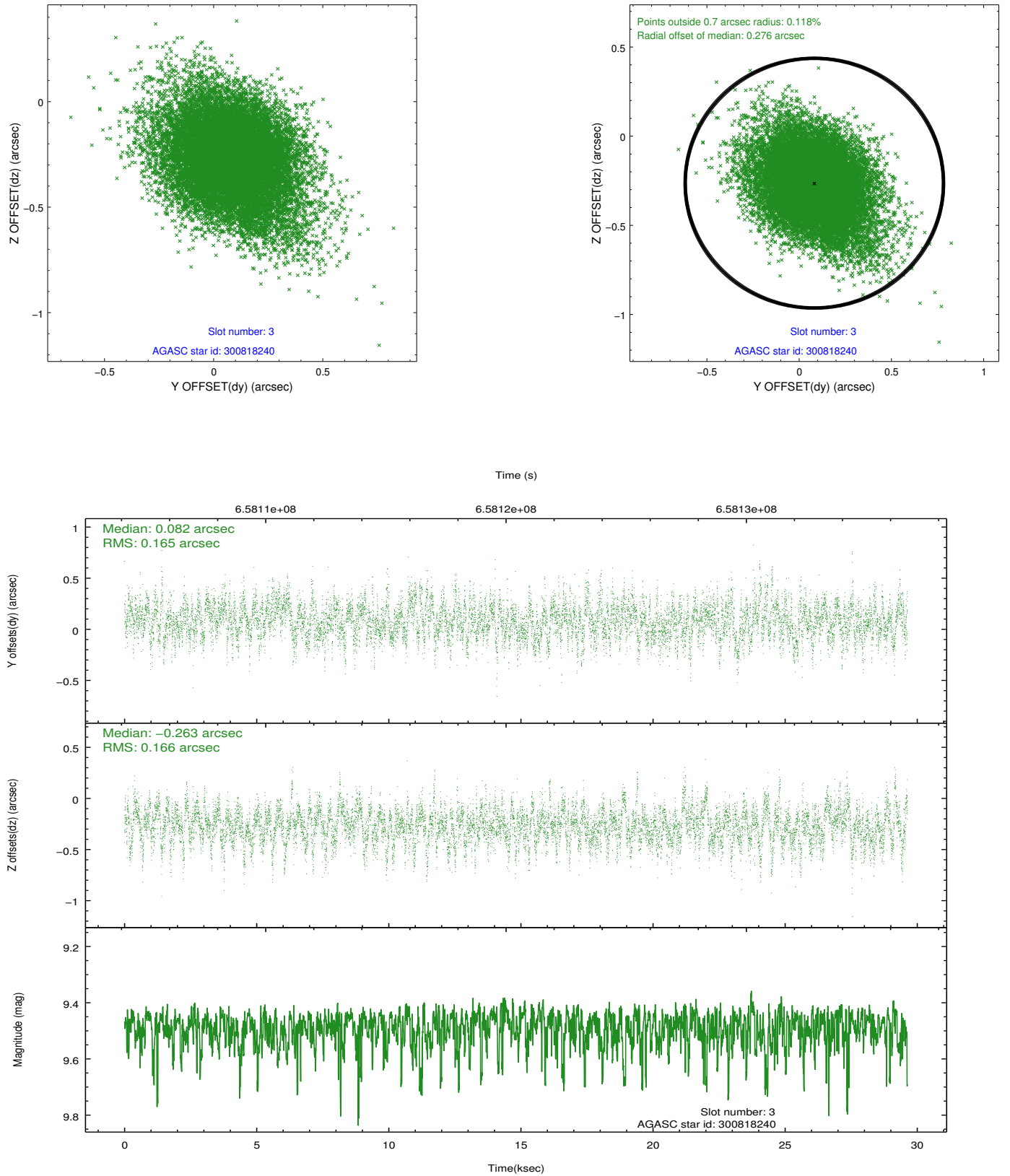


Slot Statistics

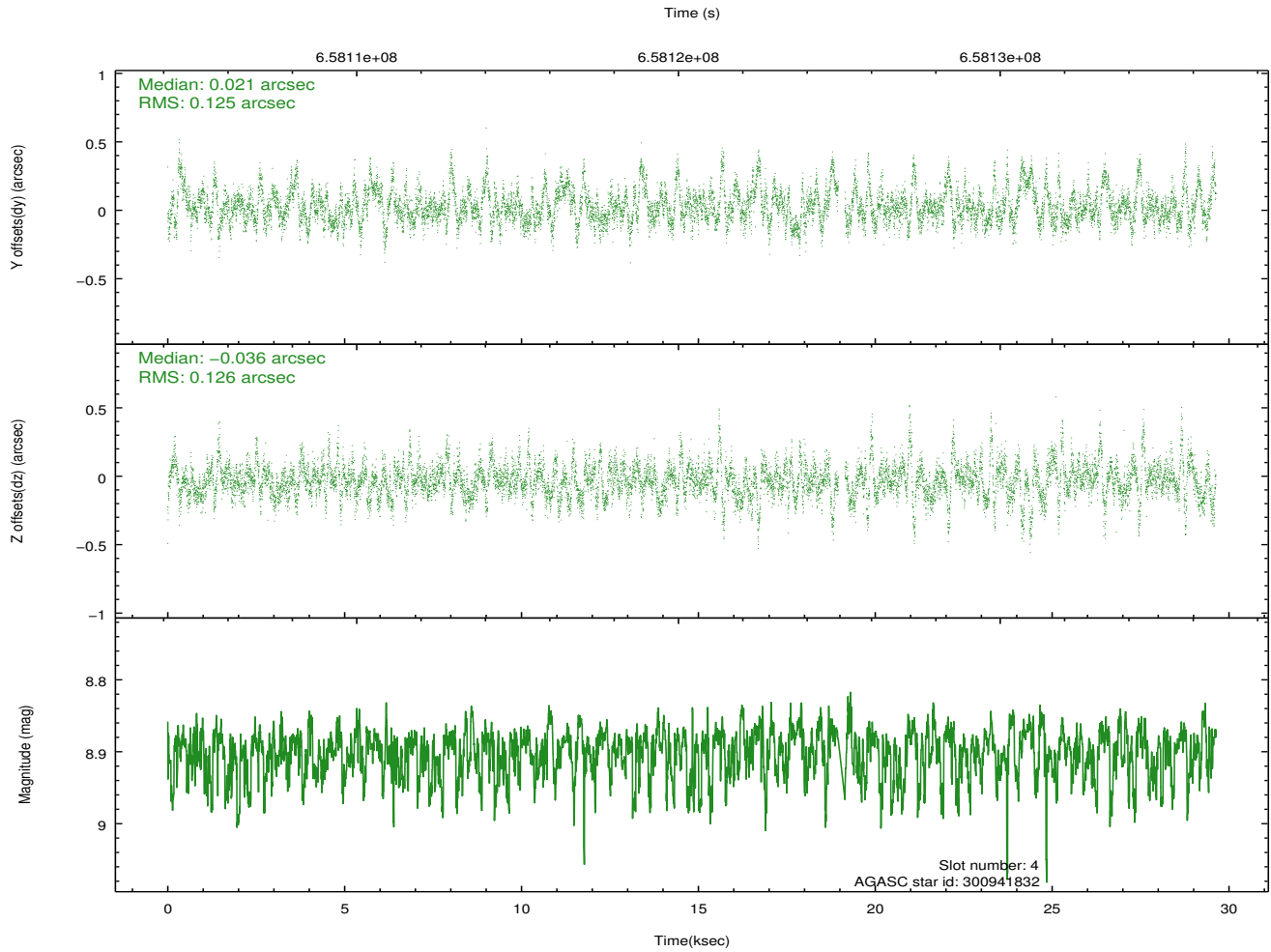
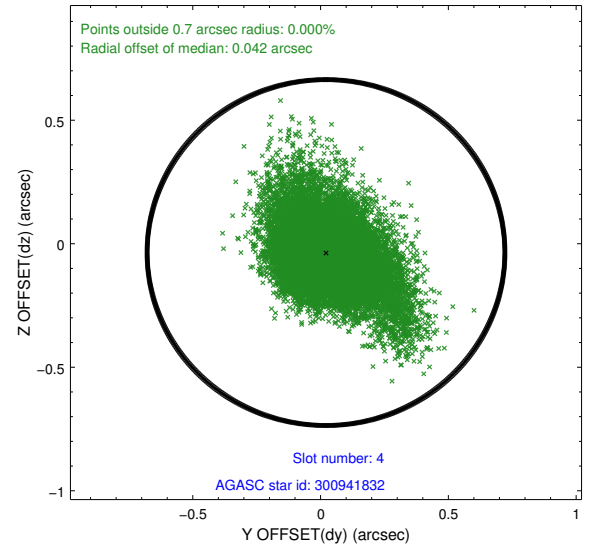
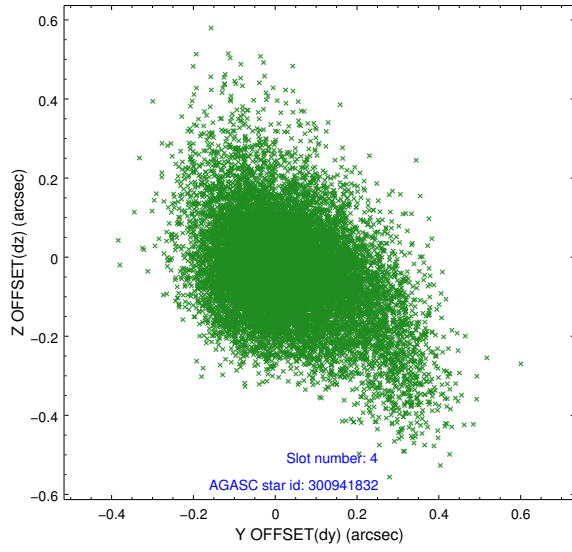
pt	status	used	id	mag	n_pts	frac_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mea
0	FID		HRC-I-1	7.01	7226	1.000	-0.225	-0.163	0.019	0.032	0.000000	0.000000	-771.55	-1305
1	FID		HRC-I-3	7.10	7228	1.000	-0.246	-0.160	0.014	0.024	0.000000	0.000000	-1199.92	998
2	FID		HRC-I-4	7.03	7227	1.000	0.584	0.237	0.020	0.039	0.000000	0.000000	1272.12	996
3	GUIDE	used	300818240	9.49	14403	1.000	0.082	-0.263	0.243	0.414	20.083372	33.011069	2165.56	-1588
4	GUIDE	used	300941832	8.90	14354	1.000	0.021	-0.036	0.176	0.334	20.525278	33.237138	758.73	-914
5	GUIDE	used	300946312	9.04	14432	1.000	-0.216	-0.001	0.195	0.313	21.172860	33.025821	323.17	1135
6	GUIDE	used	300948240	8.08	14450	1.000	-0.223	-0.273	0.134	0.230	21.318271	32.949093	311.51	1654
7	GUIDE	used	300945960	9.24	14427	1.000	0.305	0.605	0.236	0.394	20.665202	33.720044	-927.34	-1511

2.4 Star Slots

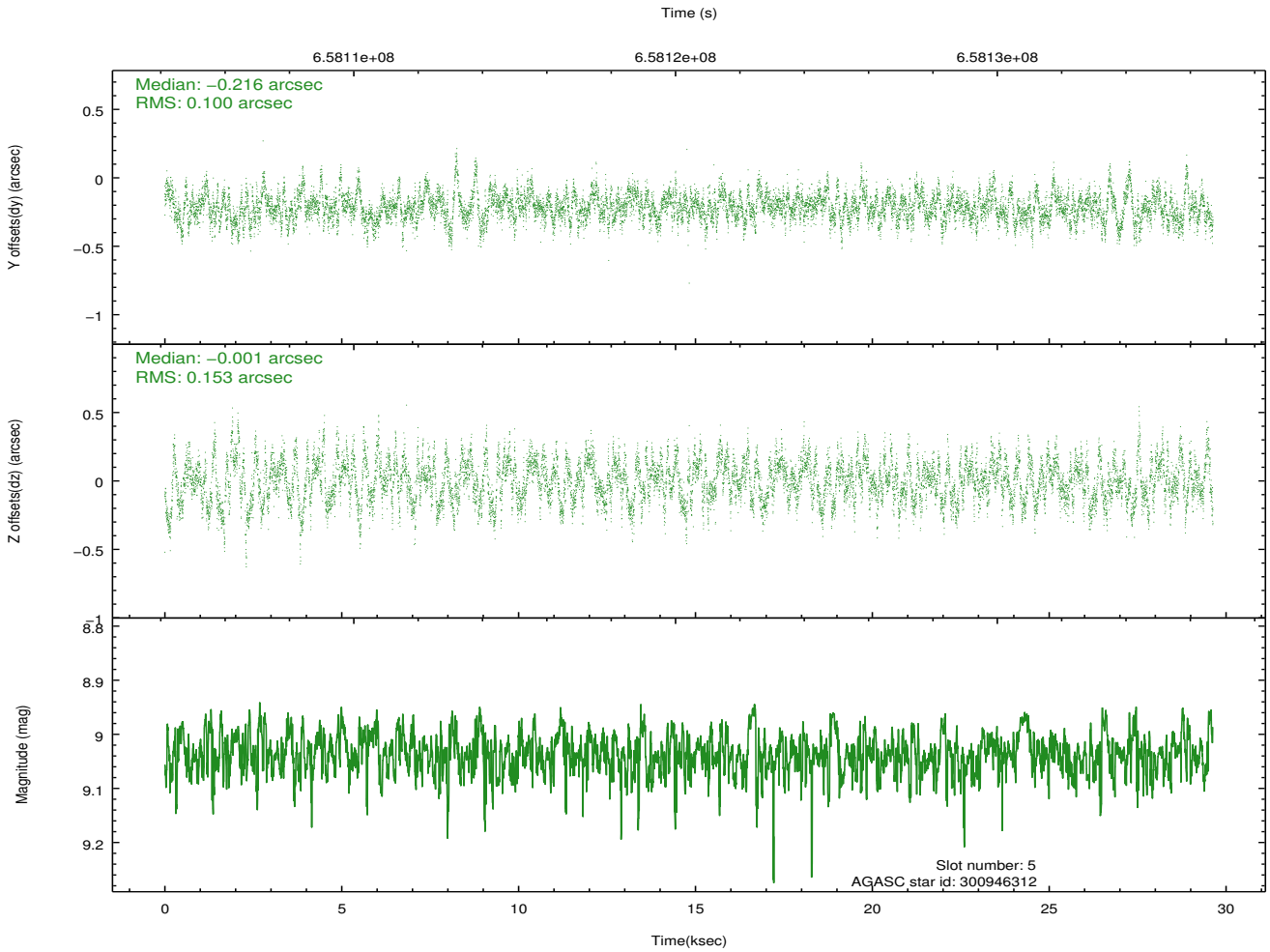
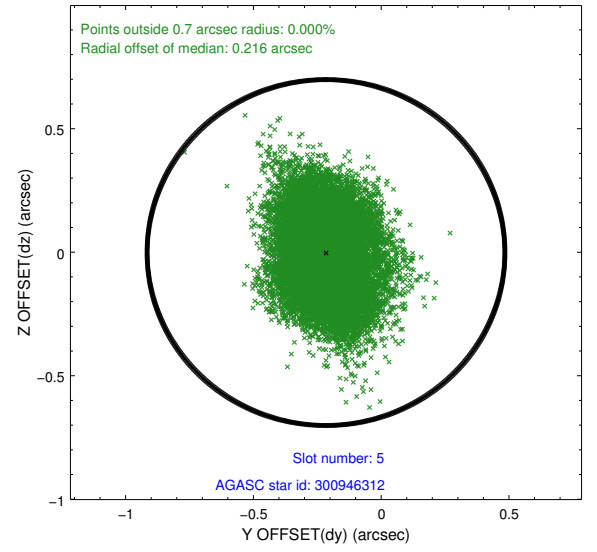
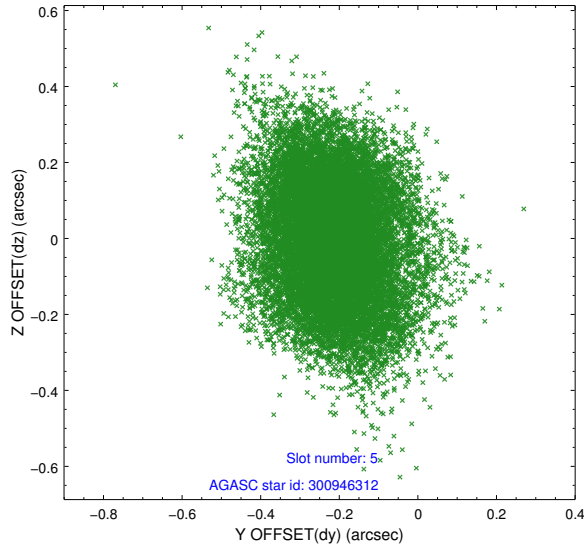
2.4.1 Slot 3



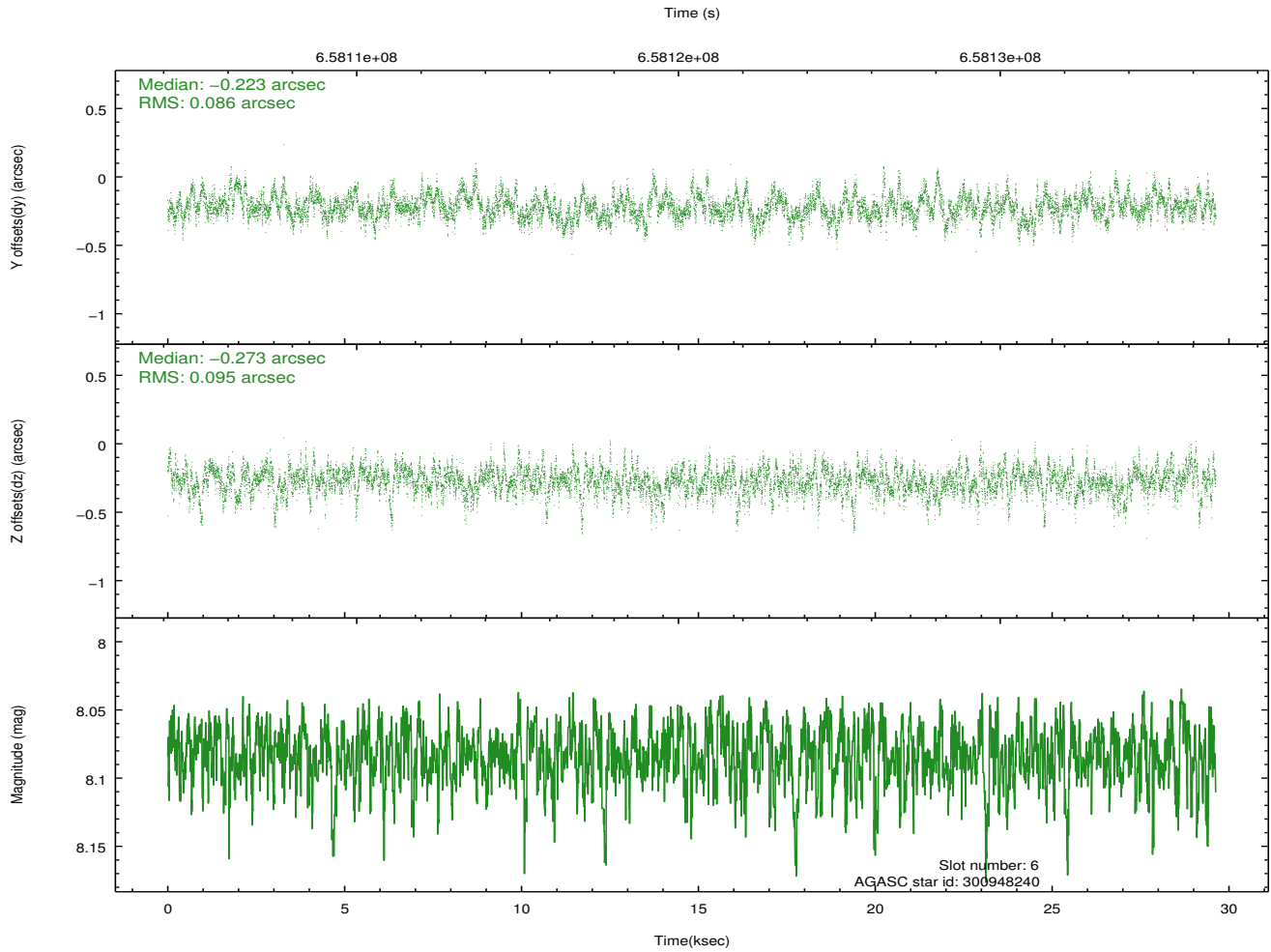
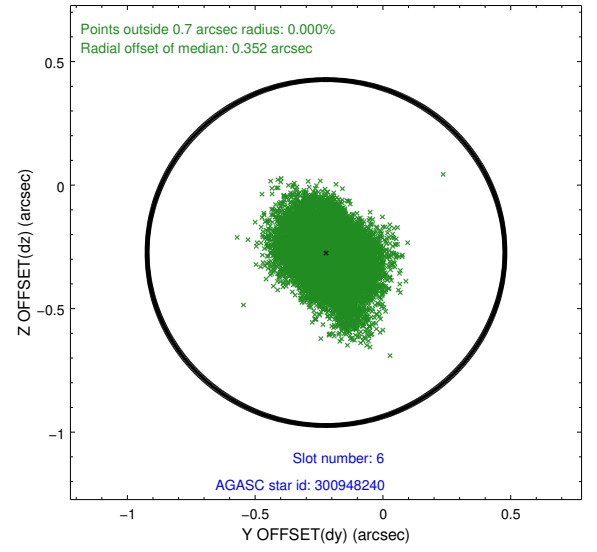
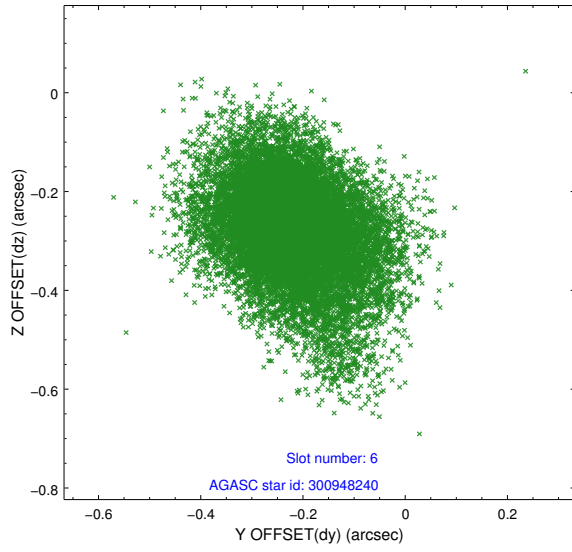
2.4.2 Slot 4



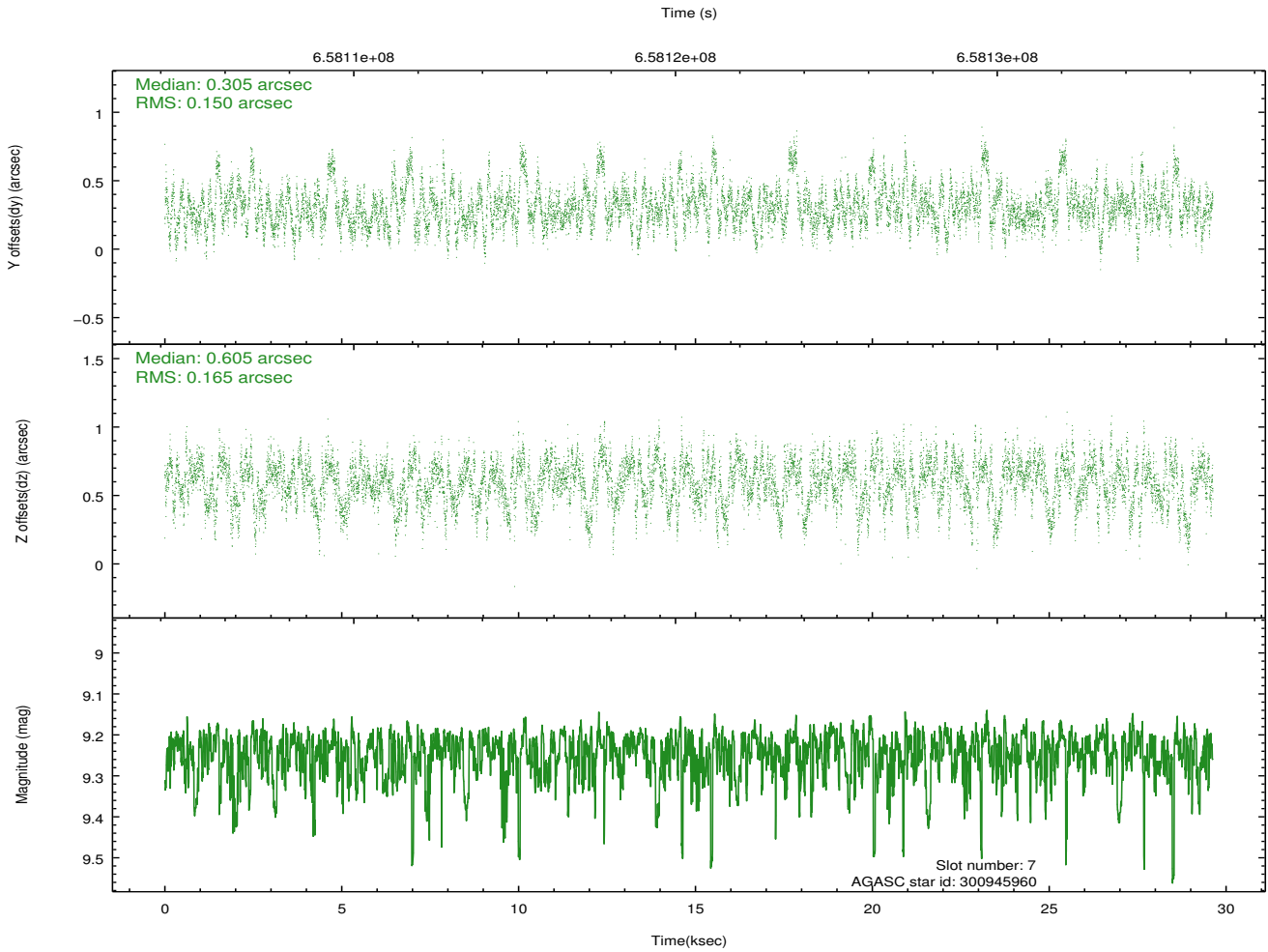
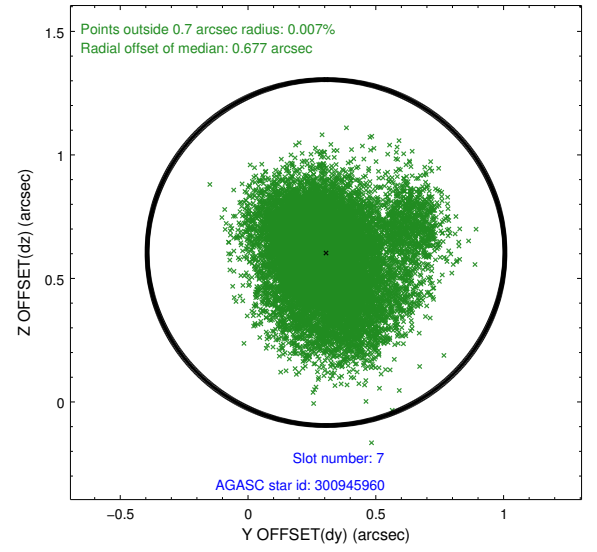
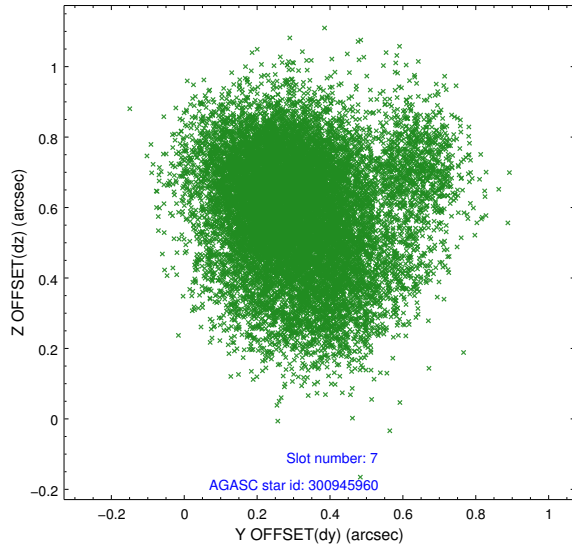
2.4.3 Slot 5



2.4.4 Slot 6

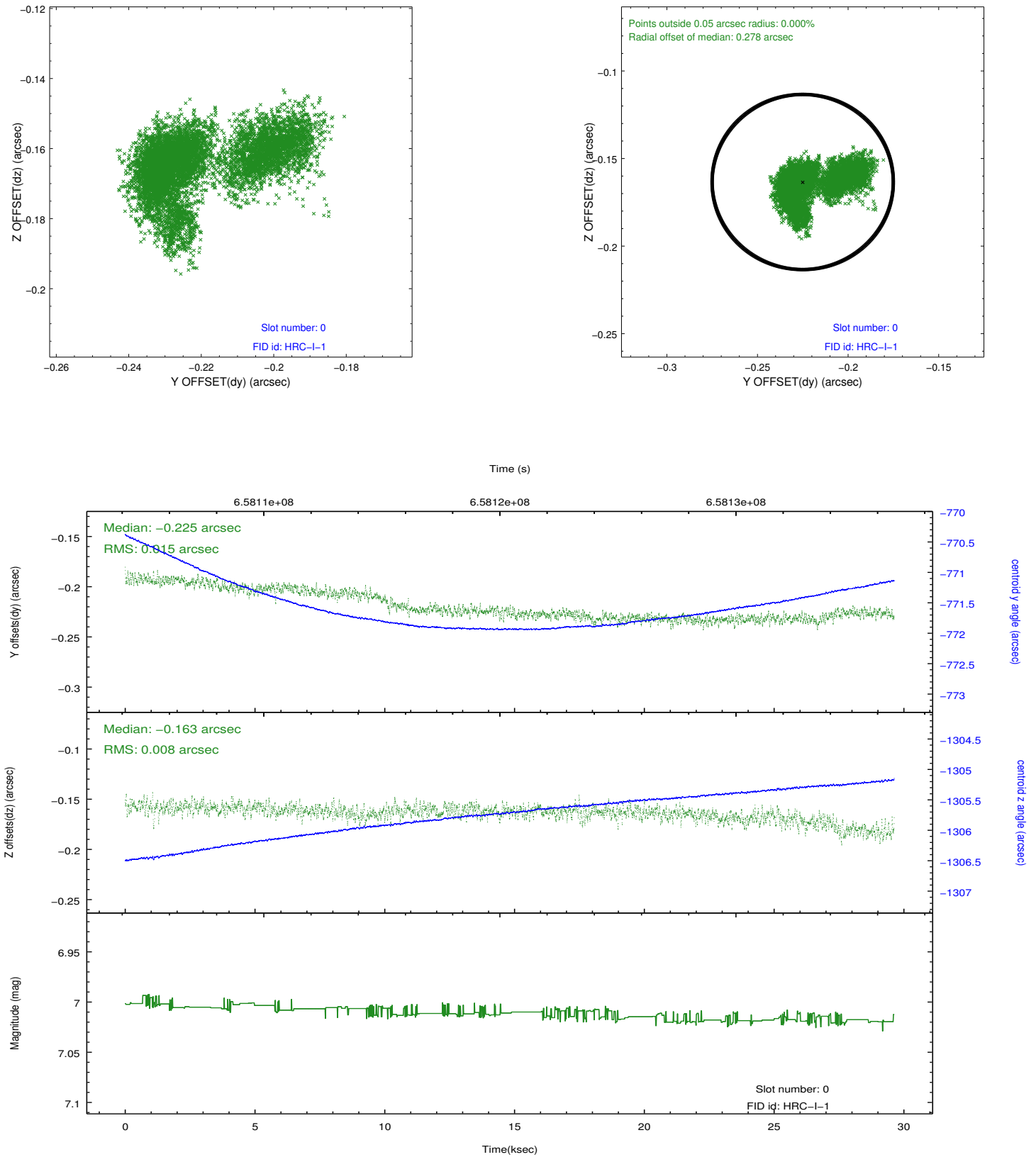


2.4.5 Slot 7

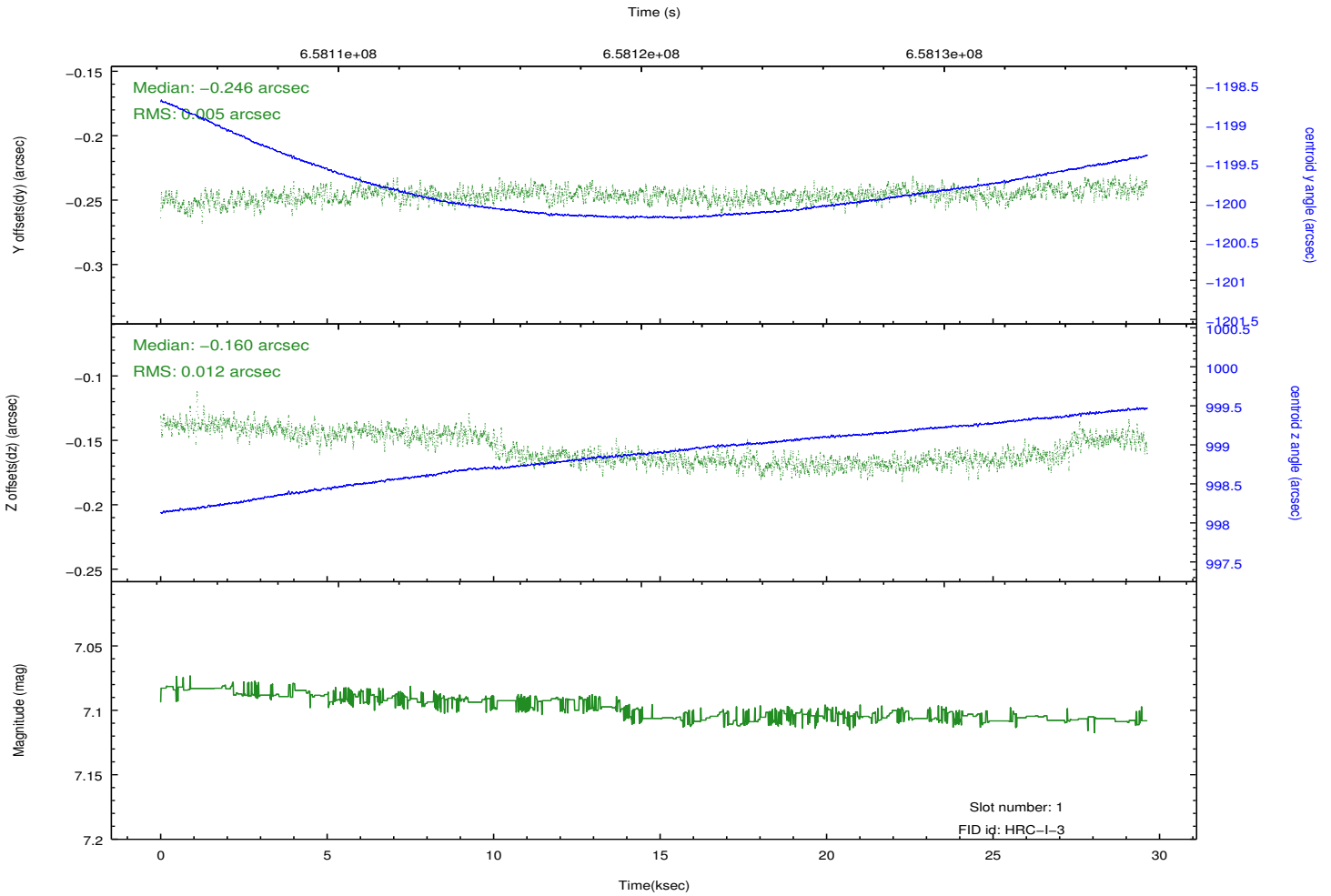
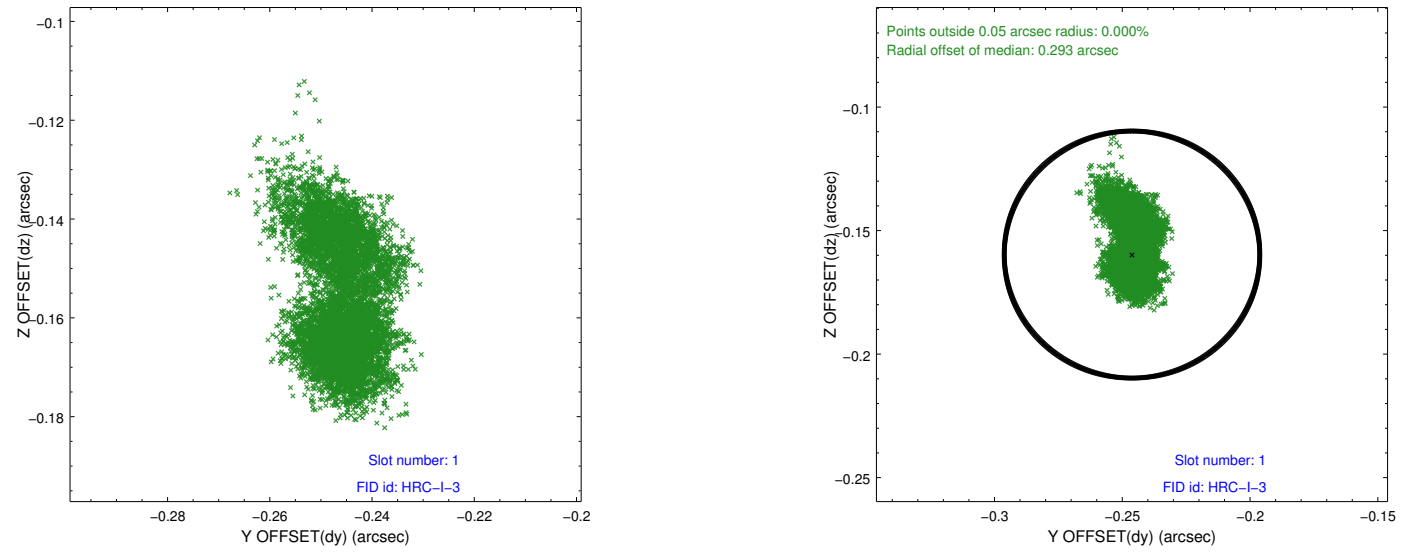


2.5 FID Slots

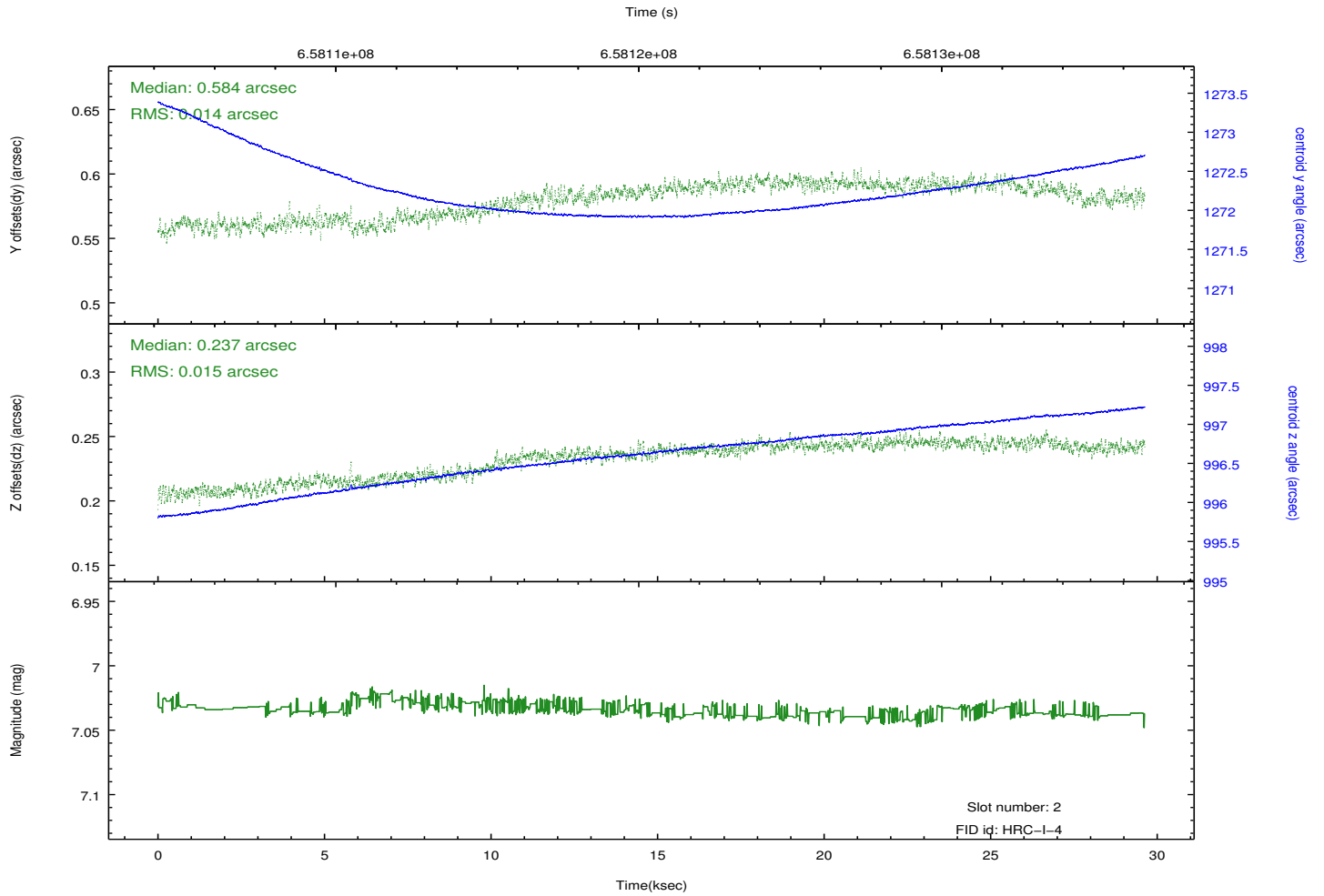
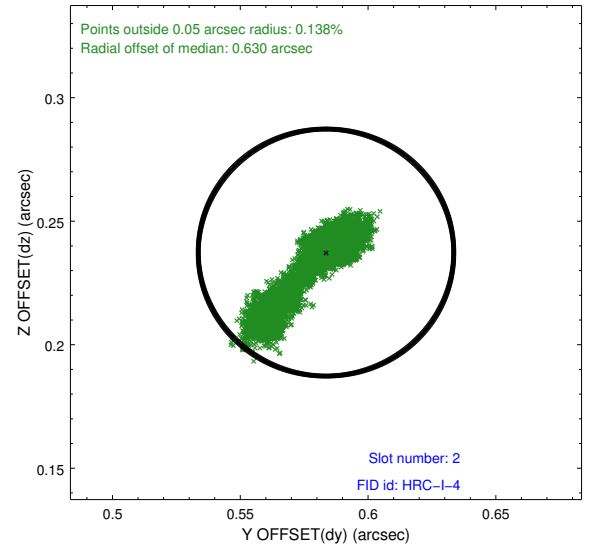
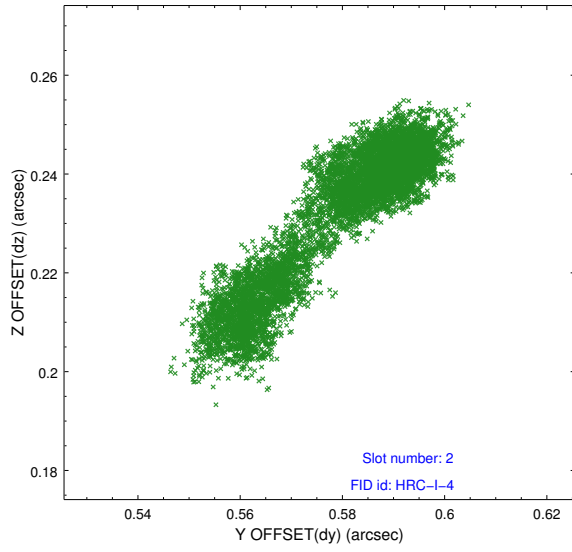
2.5.1 Slot 0



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)	2018.11.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.629933013797

A.2 Comments