

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16387 - L2 Version 1
Chandra X-Ray Center

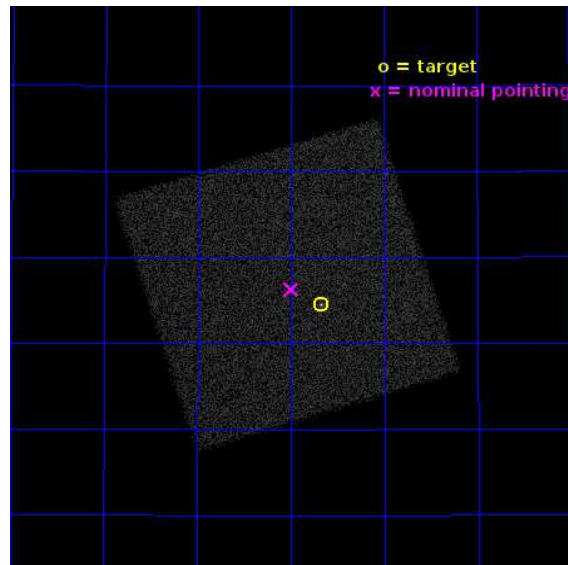
L2 Processing Date : Sep 16 2014

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1 Front

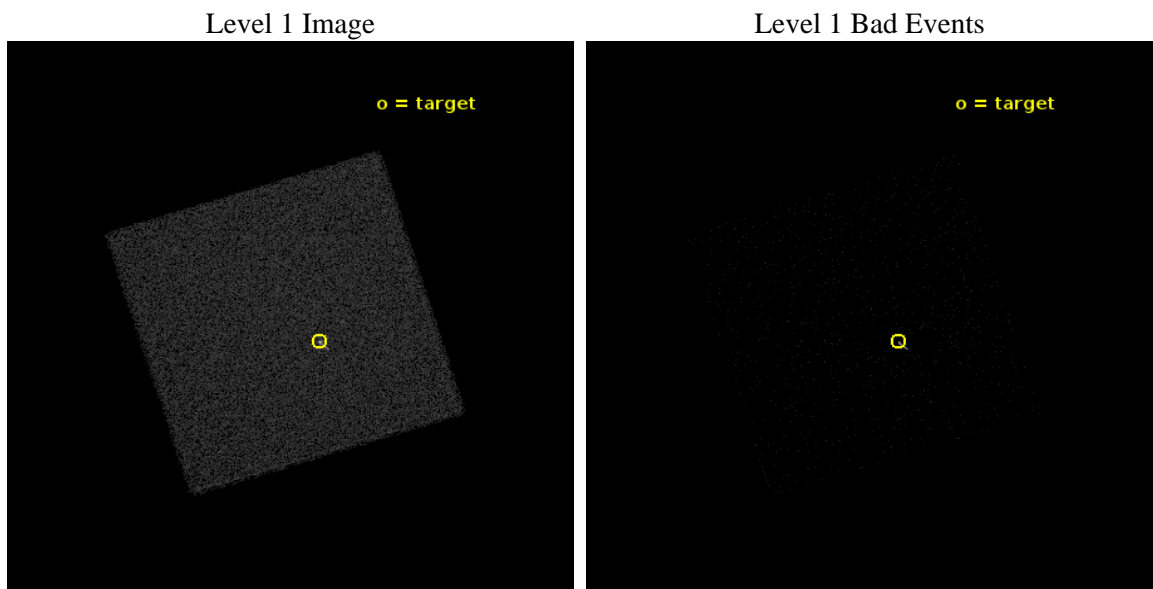
seq_num	291159	Sequence number
obs_id	16387	Observation id
title	AO-15 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.24876080549	Nominal RA [deg]
dec_nom	45.772061105796	Nominal Dec [deg]
roll_nom	207.52942273162	Nominal Roll [deg]
revision	1	Processing version of data
ontime	1180.0313155651	[s]
livetime	1170.713103635	Ontime multiplied by DTCOR
l2events	75306	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	1180.0313155651	[s]
caldsver	4.6.3	 	l1events	127510	Number of level 1 events
date	2014-09-16T20:19:29	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

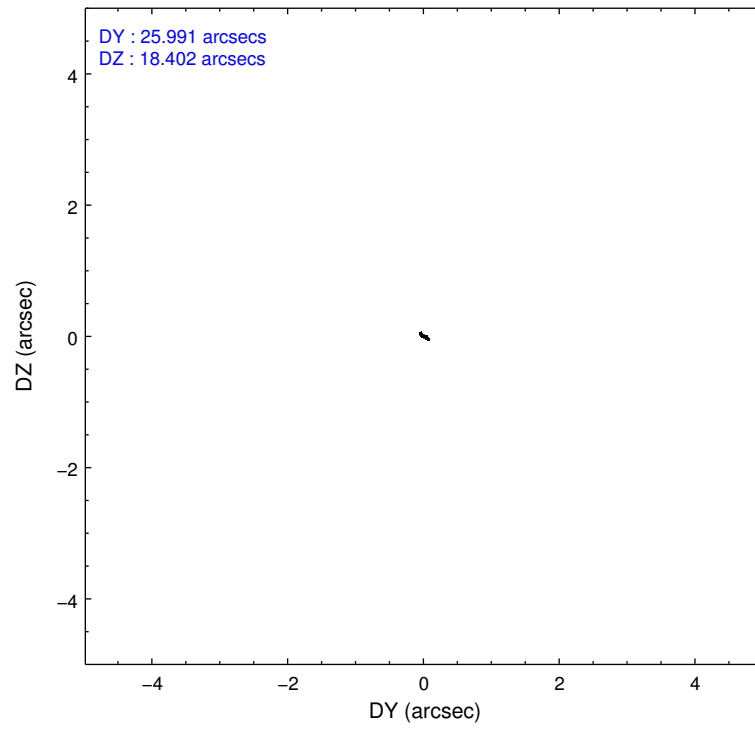
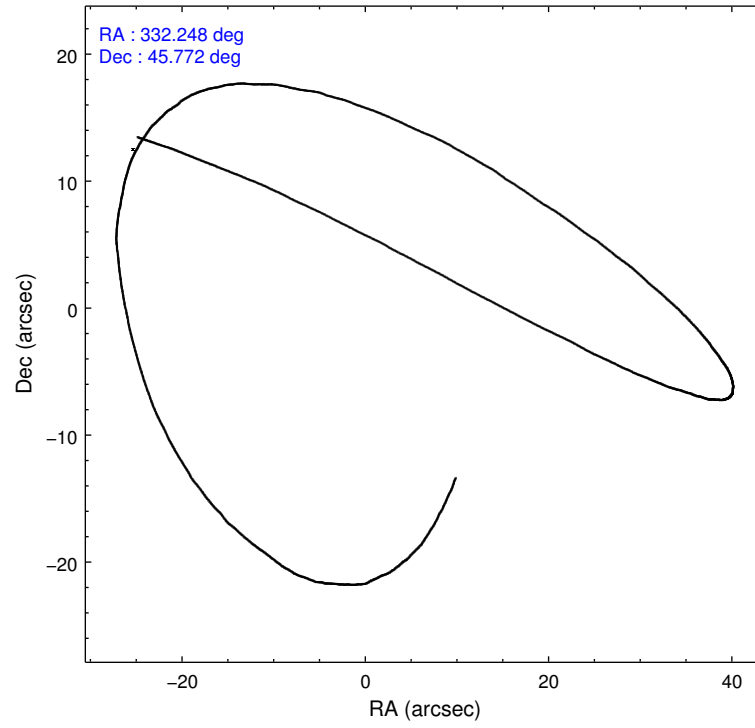
	segment 0
level 1 events	127510
rejected events	27984
rejected %	21%

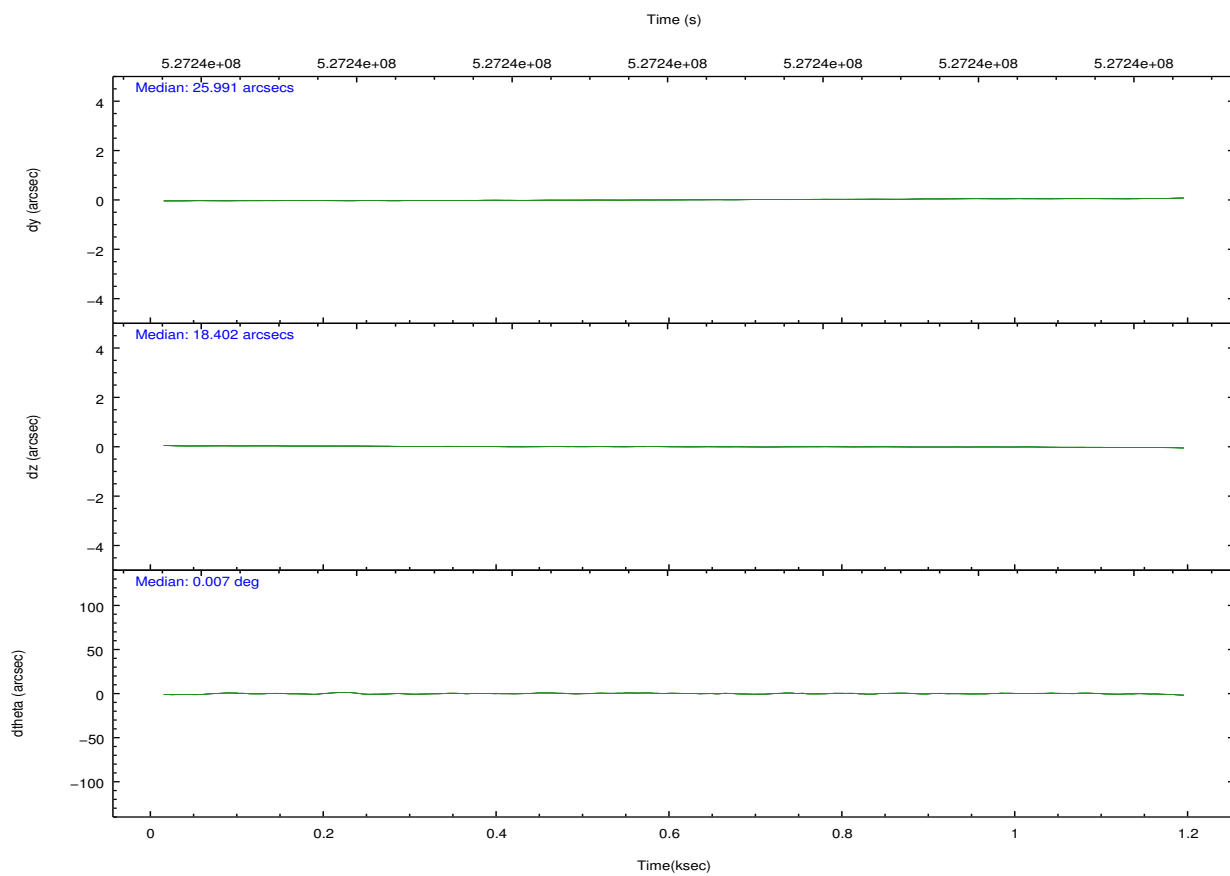
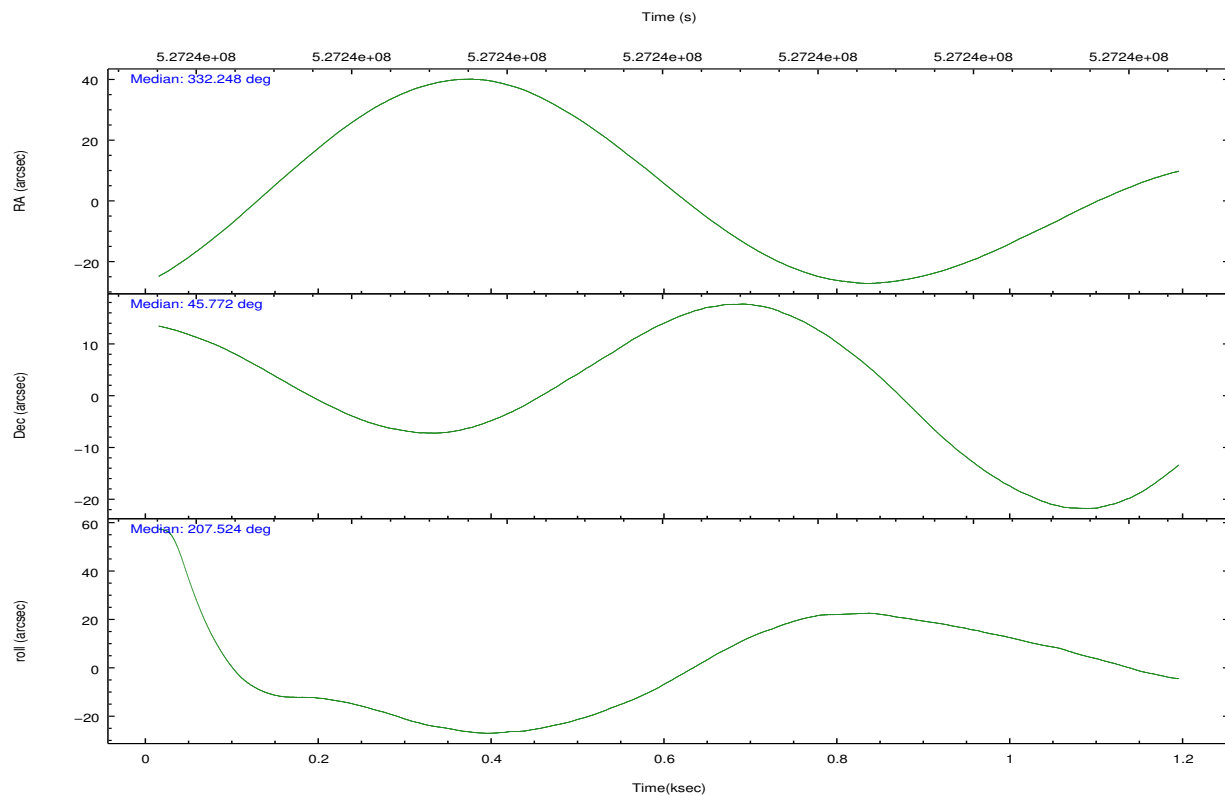
2.2 Compared Parameters

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	332.268793	332.2487608054917
[deg] Pointing Dec	45.796082	45.7720611057962
[deg] Pointing Roll	207.610396	207.5294227316215
[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)	527239811.184000	527239435.53907
Observation start date	2014-09-16T07:29:04	2014-09-16T07:23:55
[s] Observation end time (MET)	527240811.184000	527240945.36415
Observation end date	2014-09-16T07:45:44	2014-09-16T07:49:05

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

2.3 Aspect



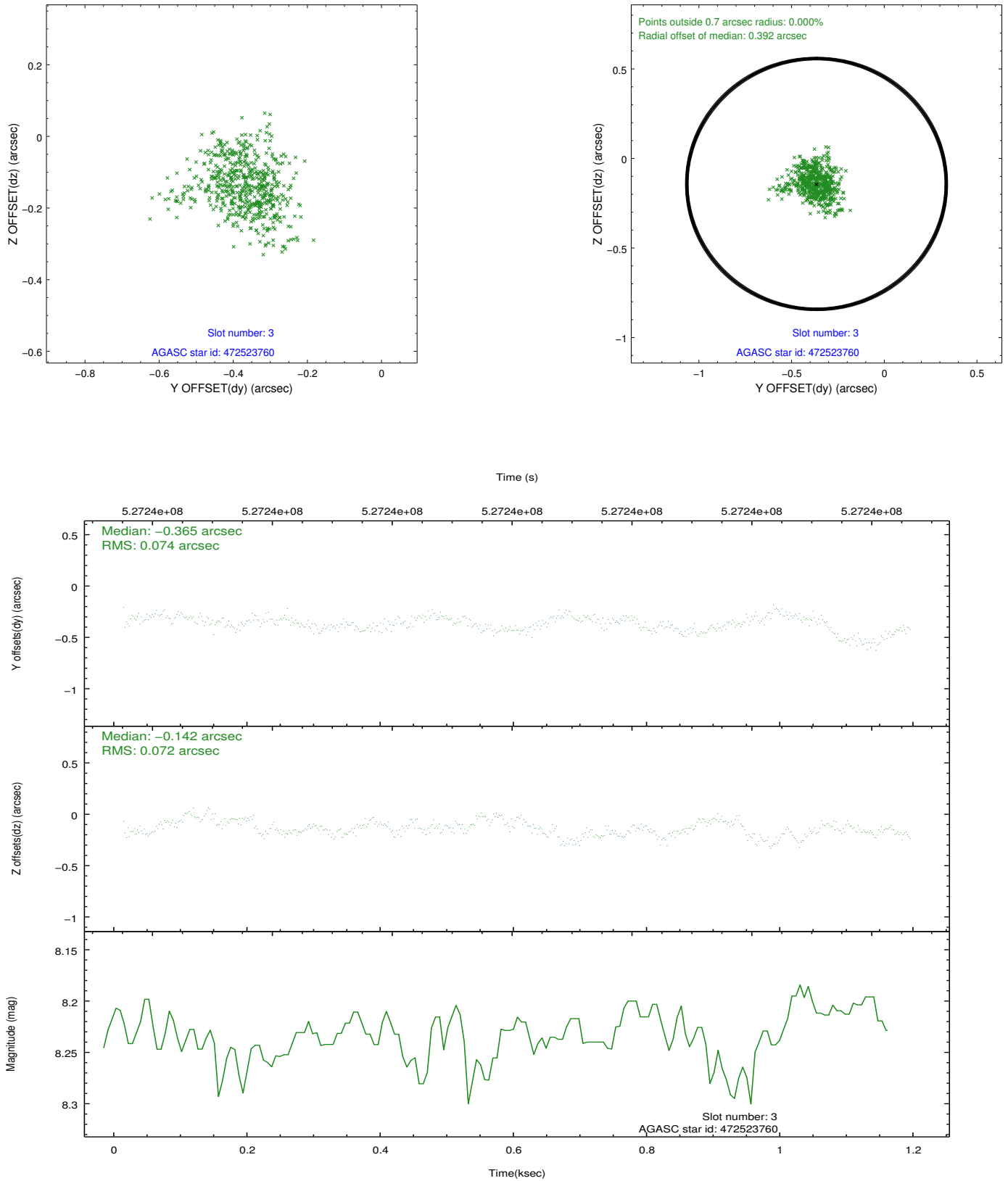


Slot Statistics

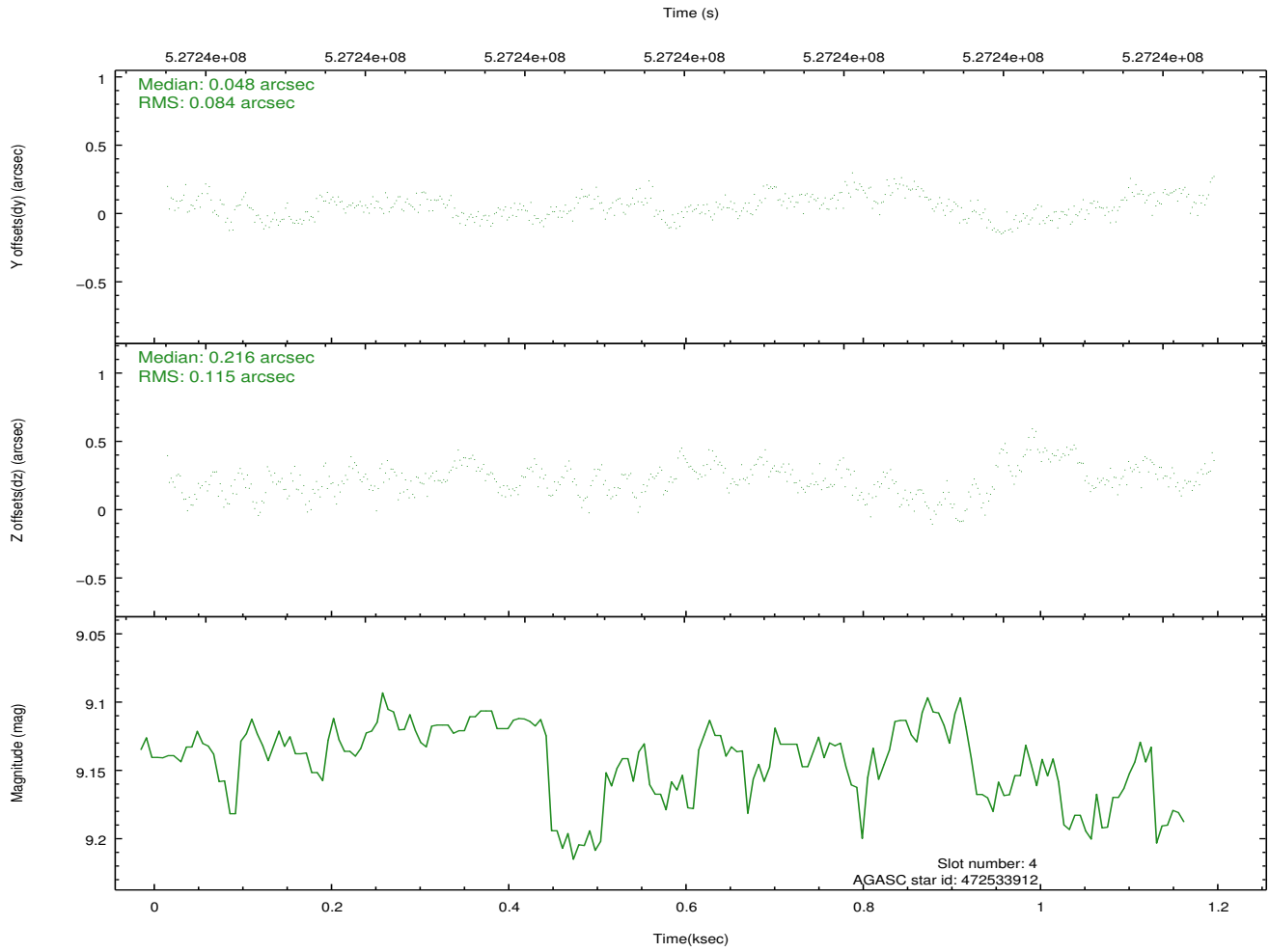
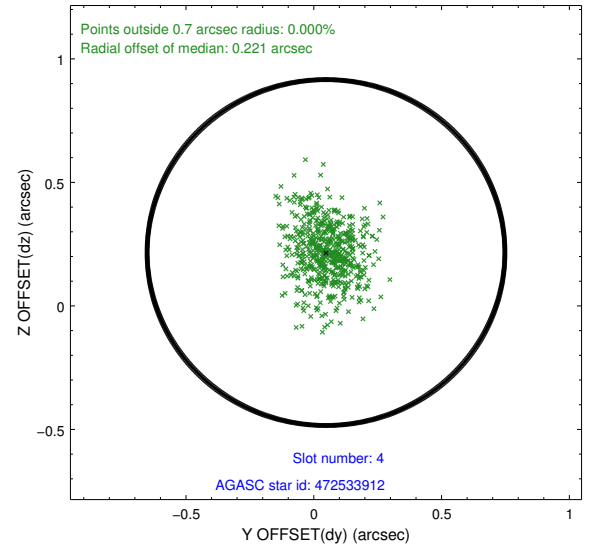
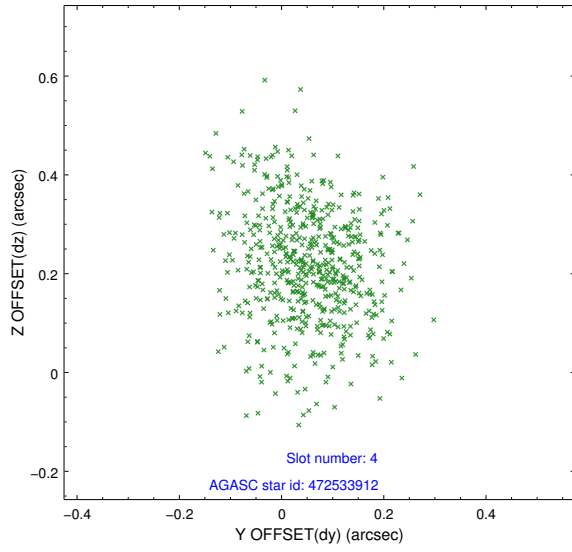
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	288	-0.123	0.023	0.007	0.011	0.000000	0.000000	-782.20	-1306.59
1	FID	HRC-I-2	7.05	288	0.247	-0.092	0.006	0.010	0.000000	0.000000	828.09	-1312.77
2	FID	HRC-I-3	7.11	288	-0.005	-0.021	0.006	0.010	0.000000	0.000000	-1207.74	993.37
3	GUIDE	472523760	8.23	577	-0.365	-0.142	0.109	0.189	331.645363	45.403260	2048.45	515.41
4	GUIDE	472533912	9.14	576	0.048	0.216	0.151	0.255	331.791136	46.368695	98.06	-2380.67
5	GUIDE	472651904	6.46	577	-0.314	-0.453	0.112	0.175	332.170077	45.742257	309.50	49.03
6	GUIDE	472665256	8.98	577	0.264	0.089	0.129	0.211	332.808125	46.195041	-1858.02	-655.92
7	GUIDE	472663080	9.39	576	0.368	0.265	0.184	0.313	332.652741	46.473840	-1978.31	-1726.04

2.4 Star Slots

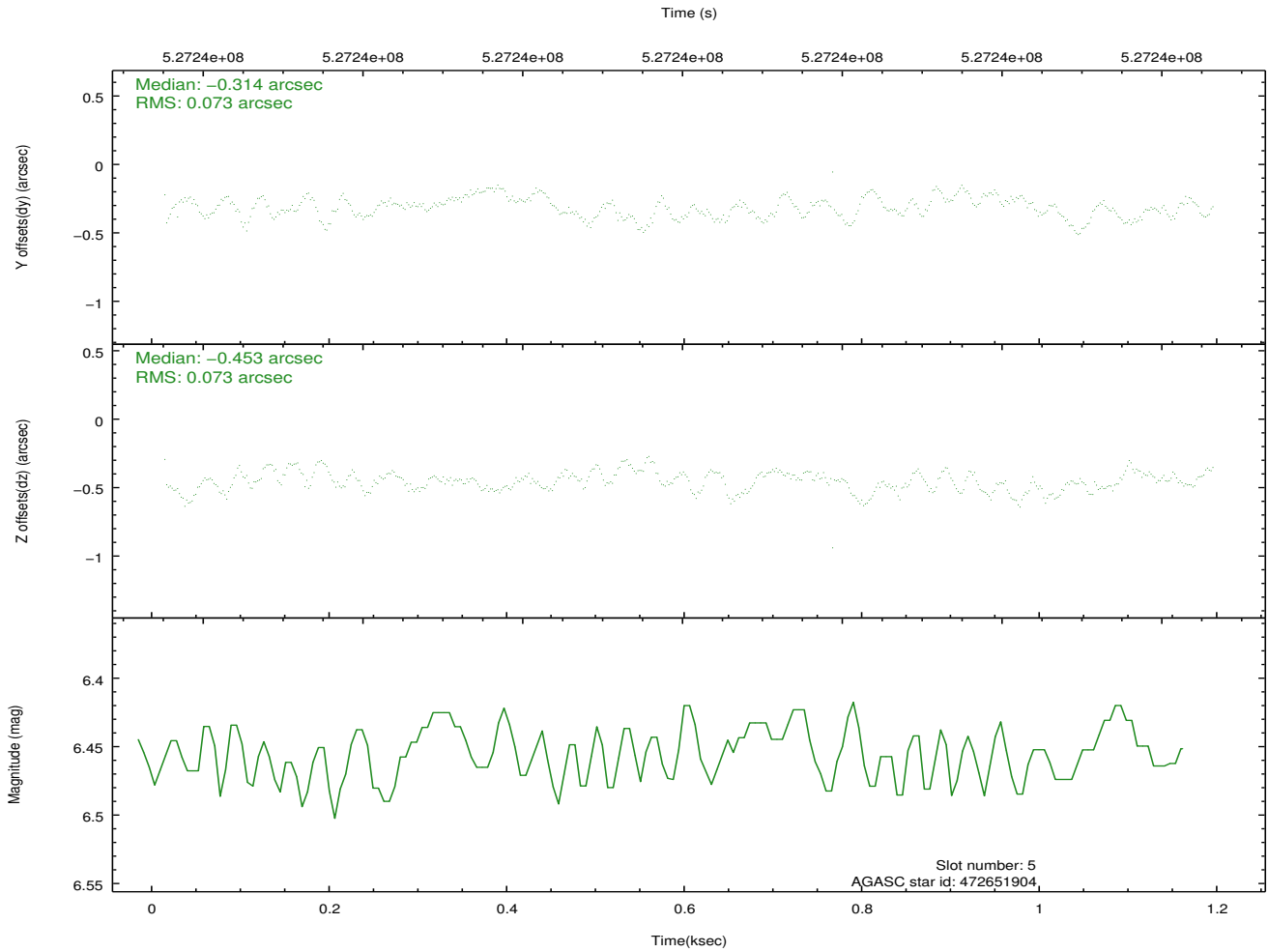
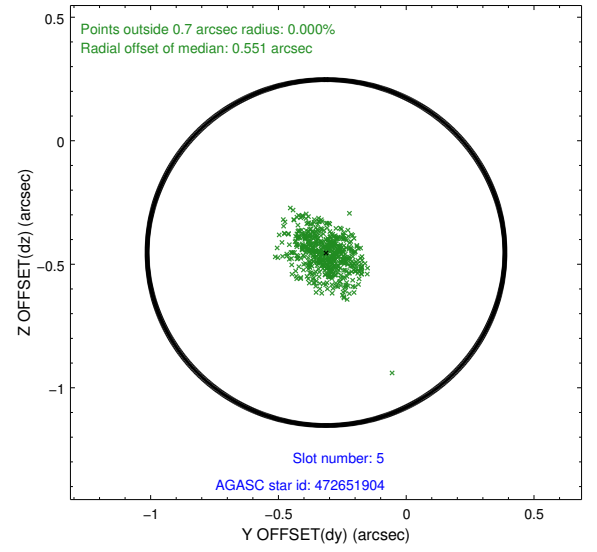
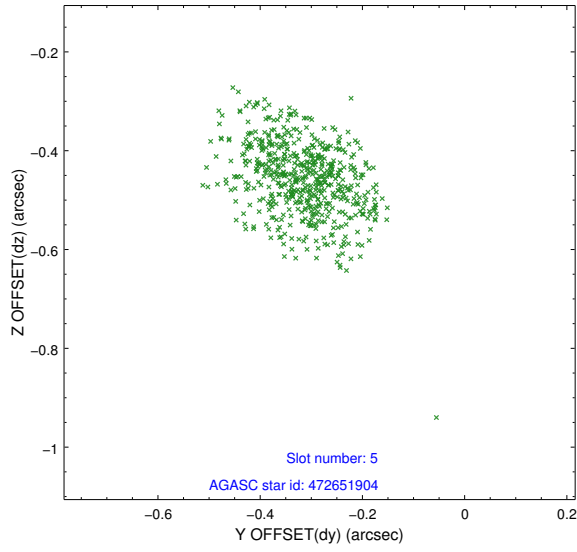
2.4.1 Slot 3



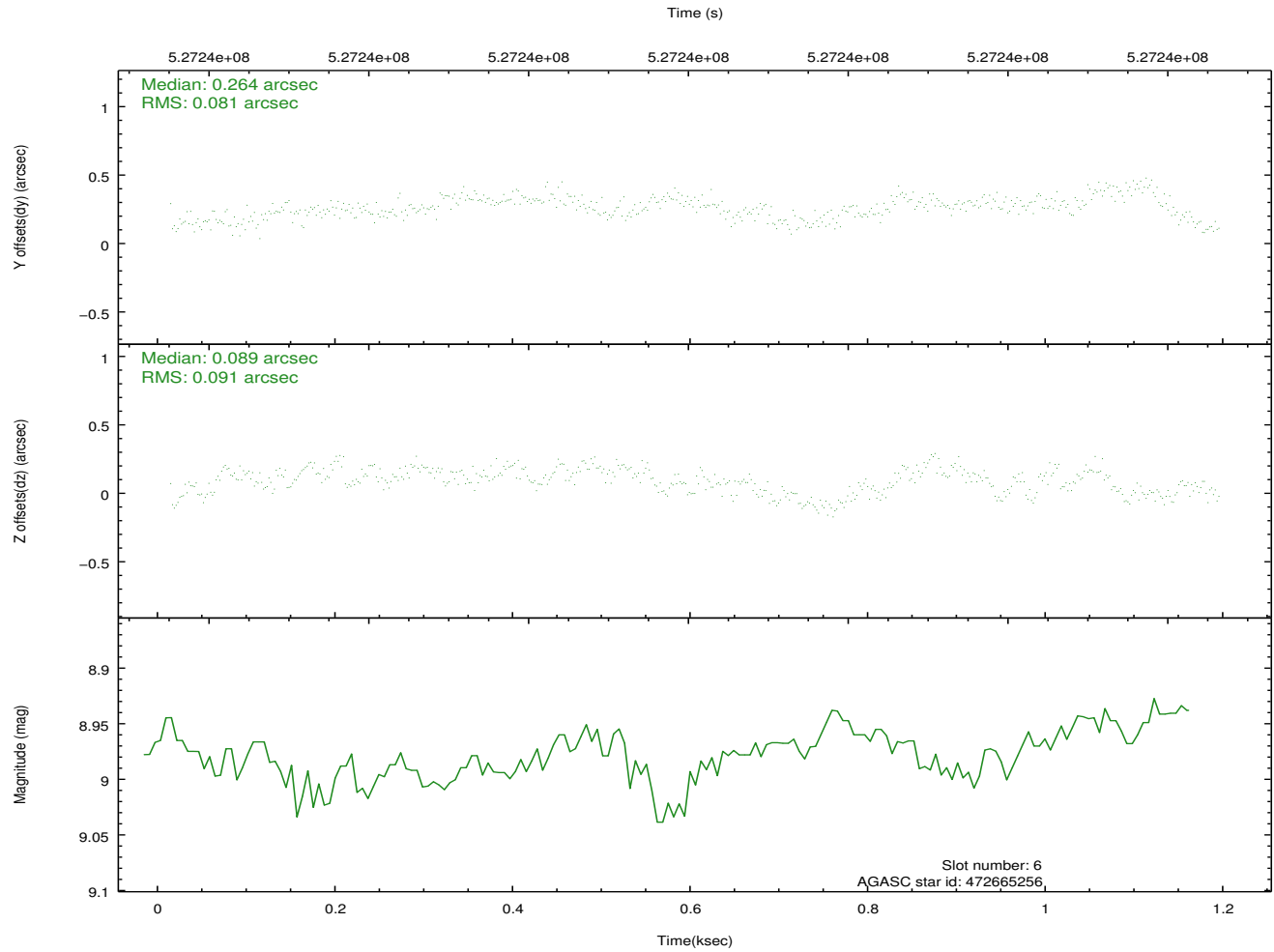
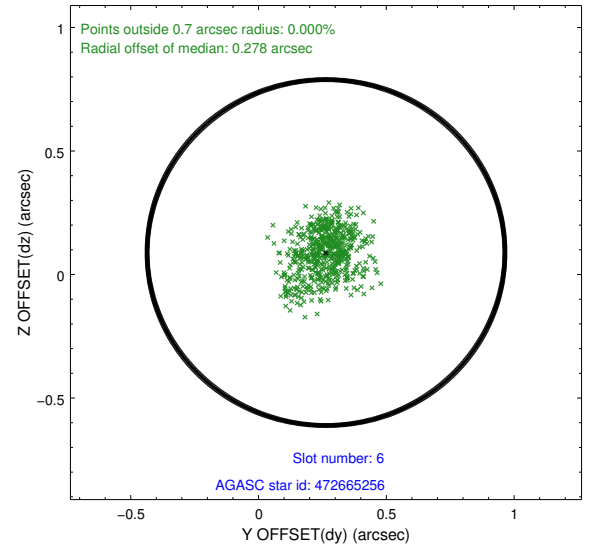
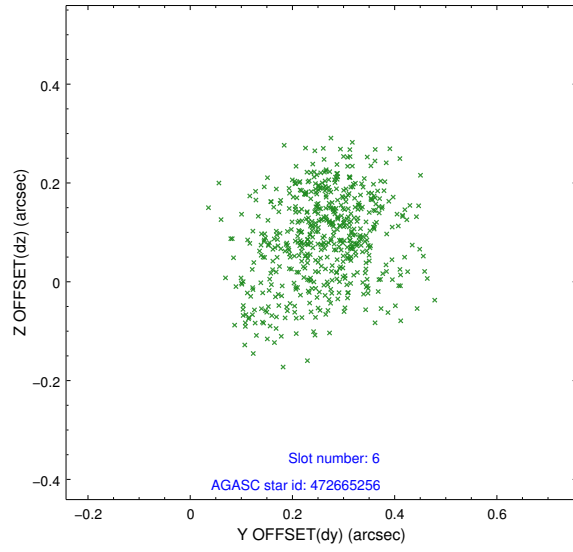
2.4.2 Slot 4



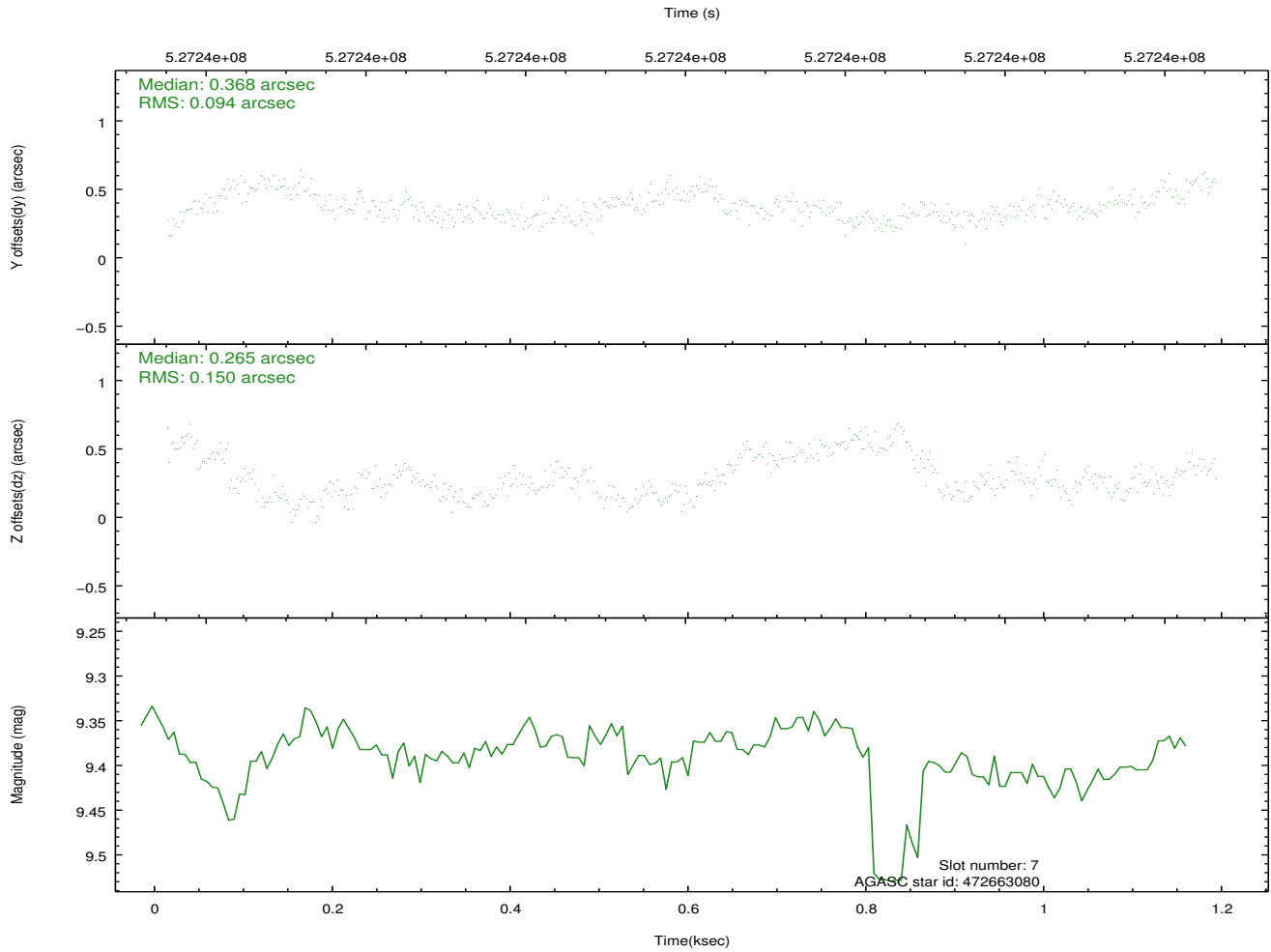
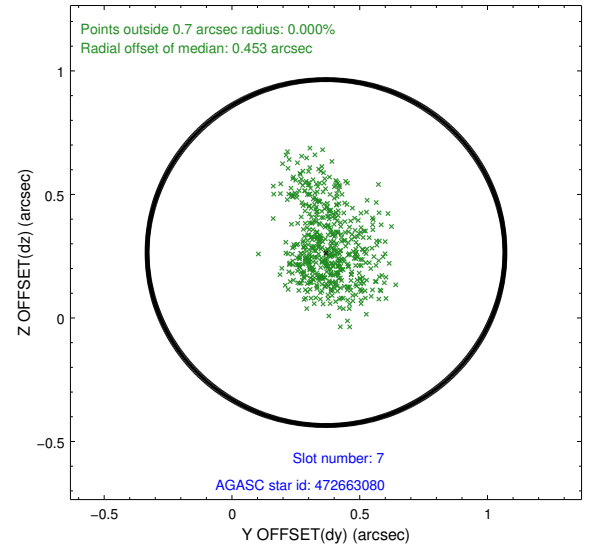
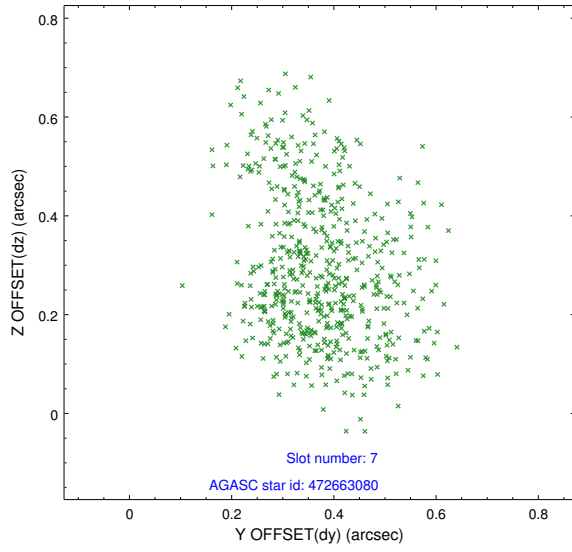
2.4.3 Slot 5



2.4.4 Slot 6

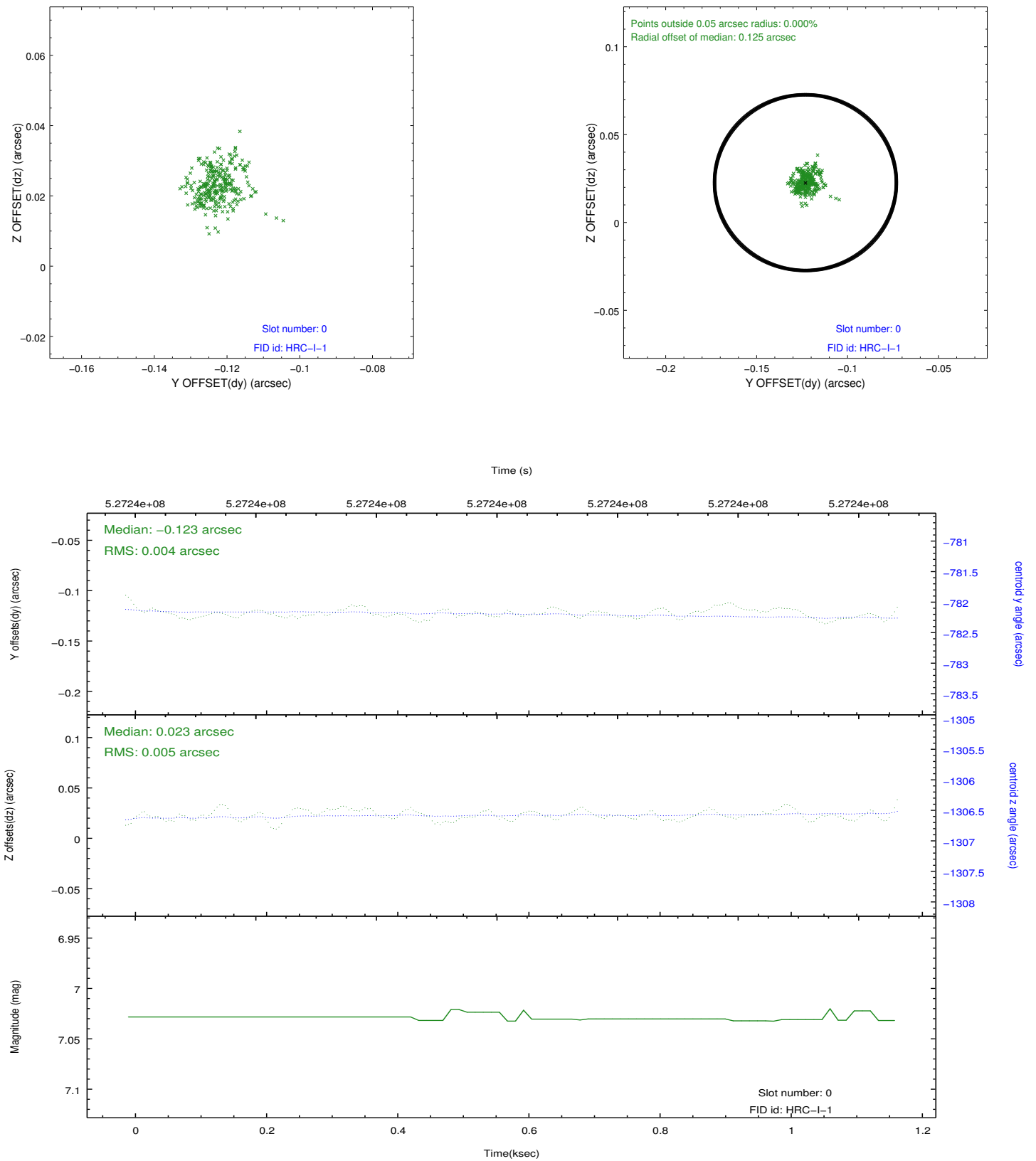


2.4.5 Slot 7

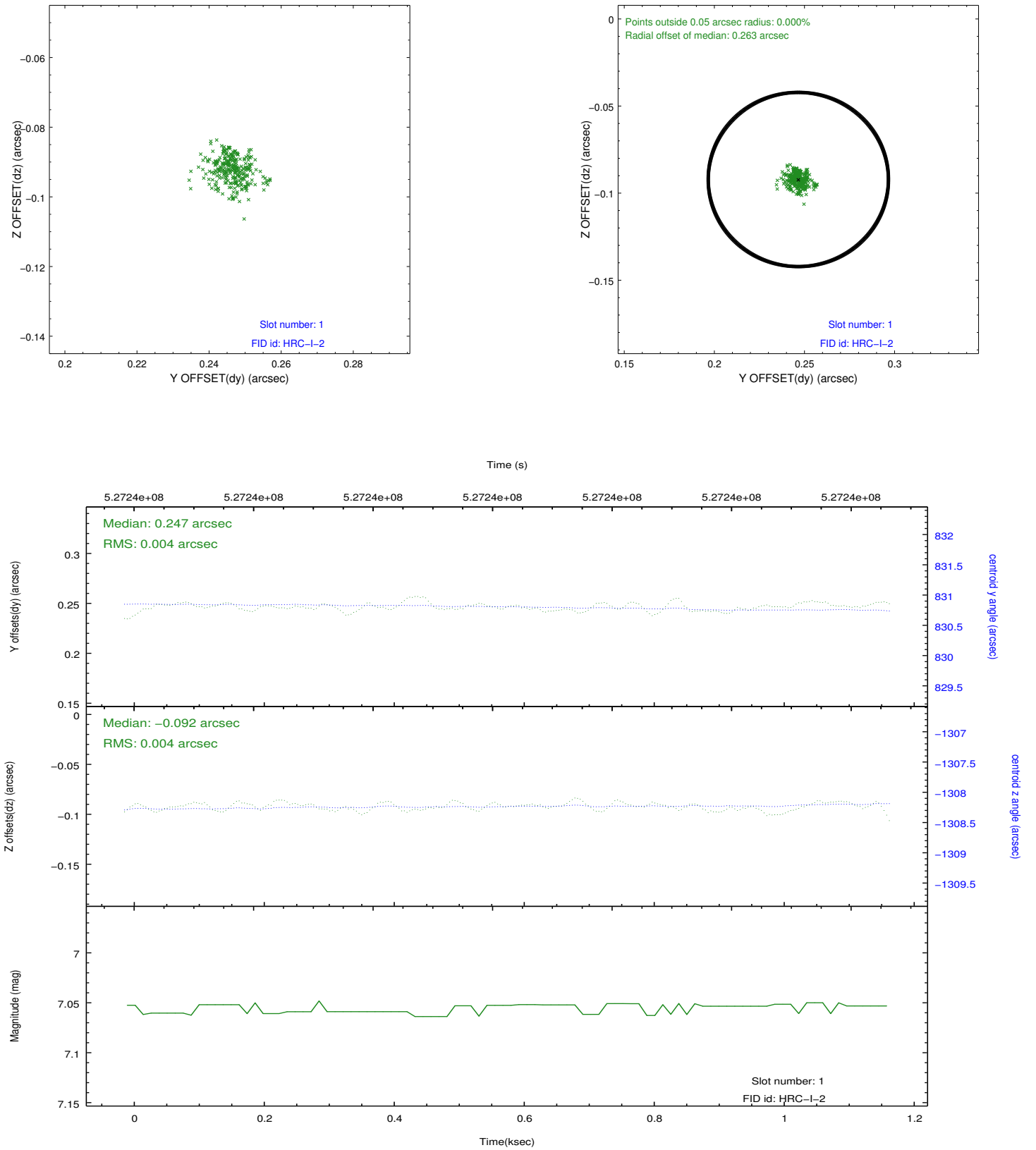


2.5 FID Slots

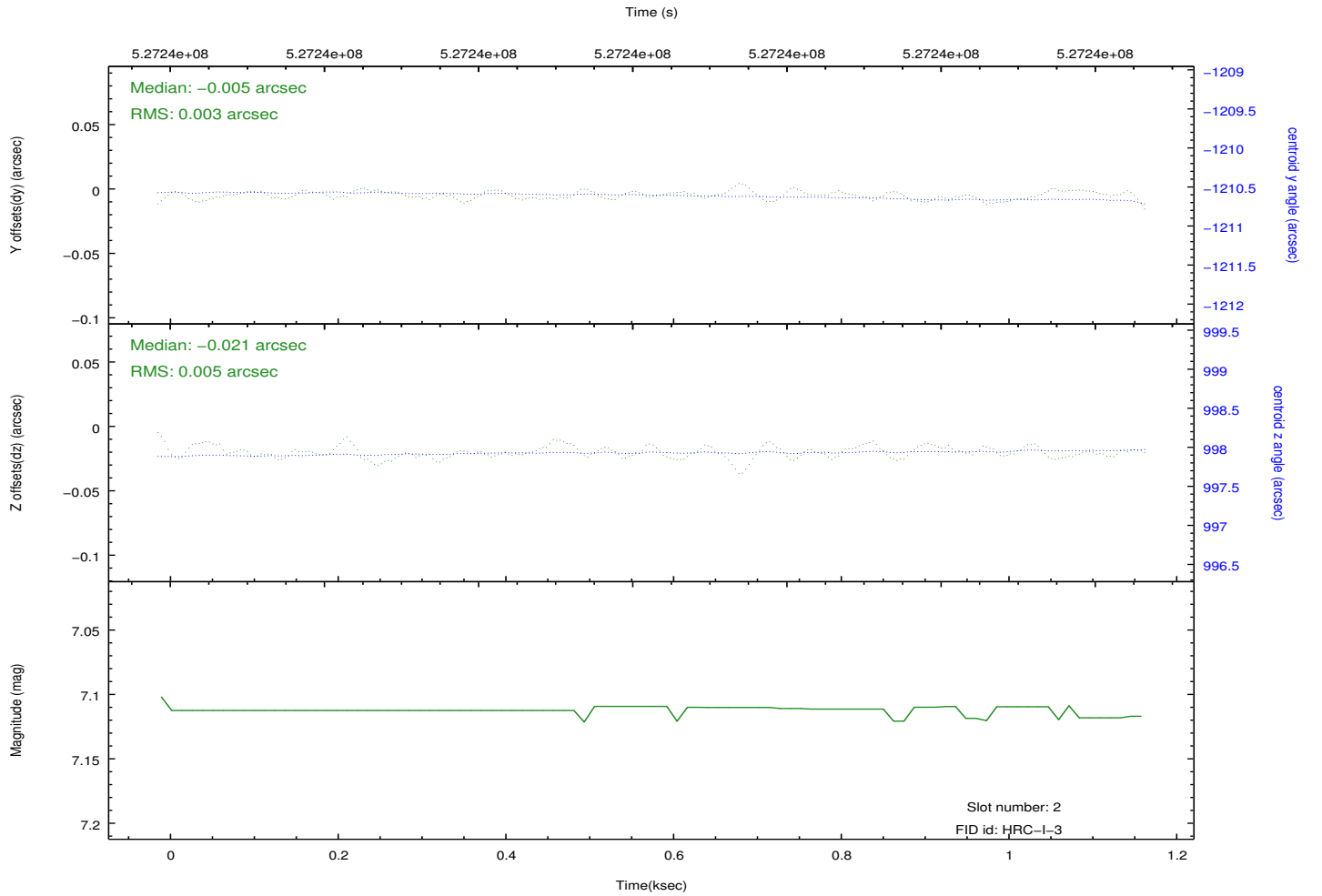
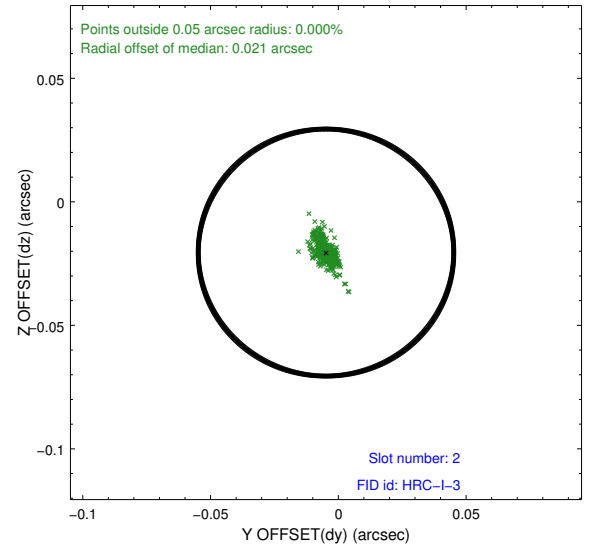
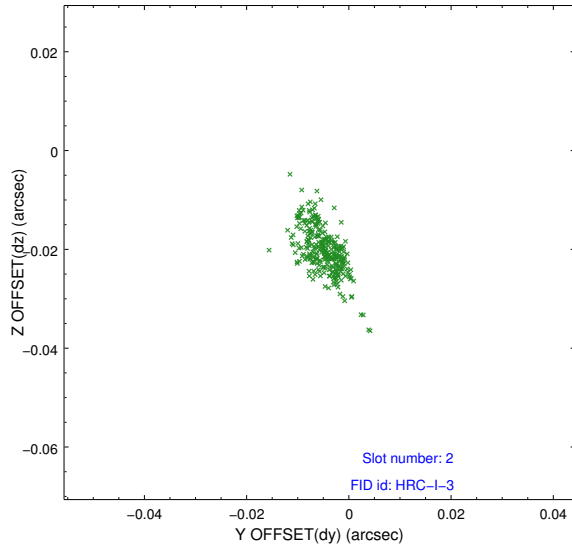
2.5.1 Slot 0



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)	2014.09.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313155651

A.2 Comments