

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2887 - L2 Version 4
Chandra X-Ray Center

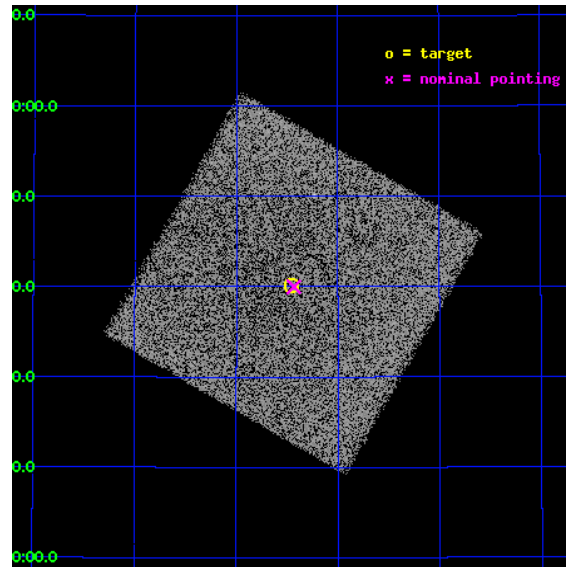
L2 Processing Date : Sep 28 2012

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

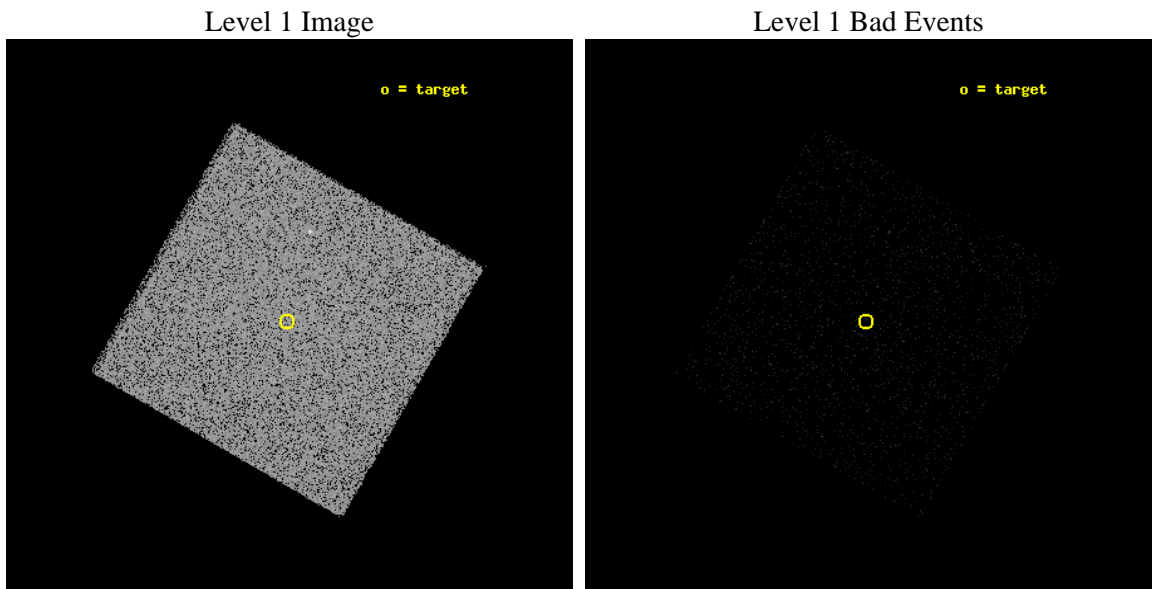
seq_num	600224	Sequence number
obs_id	2887	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-S2	Source name
ra_targ	10.112917	Observer's specified target RA [deg]
dec_targ	40.67	Observer's specified target Dec [deg]
ra_nom	10.108158693916	Nominal RA [deg]
dec_nom	40.666620744493	Nominal Dec [deg]
roll_nom	254.96142941957	Nominal Roll [deg]
revision	4	Processing version of data
ontime	983.23128931224	[s]
livetime	974.52813342667	Ontime multiplied by DTCOR
l2events	56861	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	8.4.5	Processing system revision	ontime	983.23128931224	[s]
caldbver	4.5.2	 	l1events	106246	Number of level 1 events
date	2012-09-28T03:46:02	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

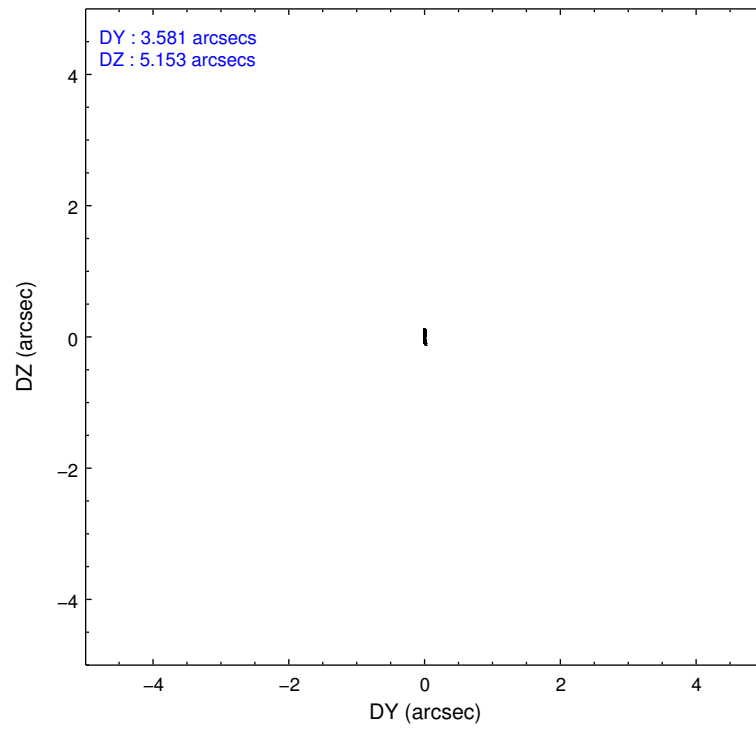
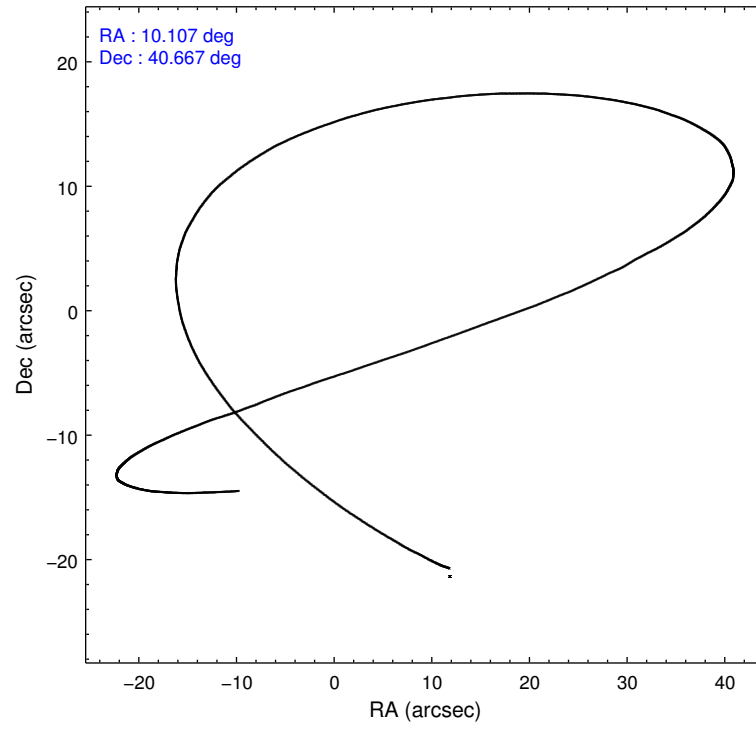
Level 1 Events

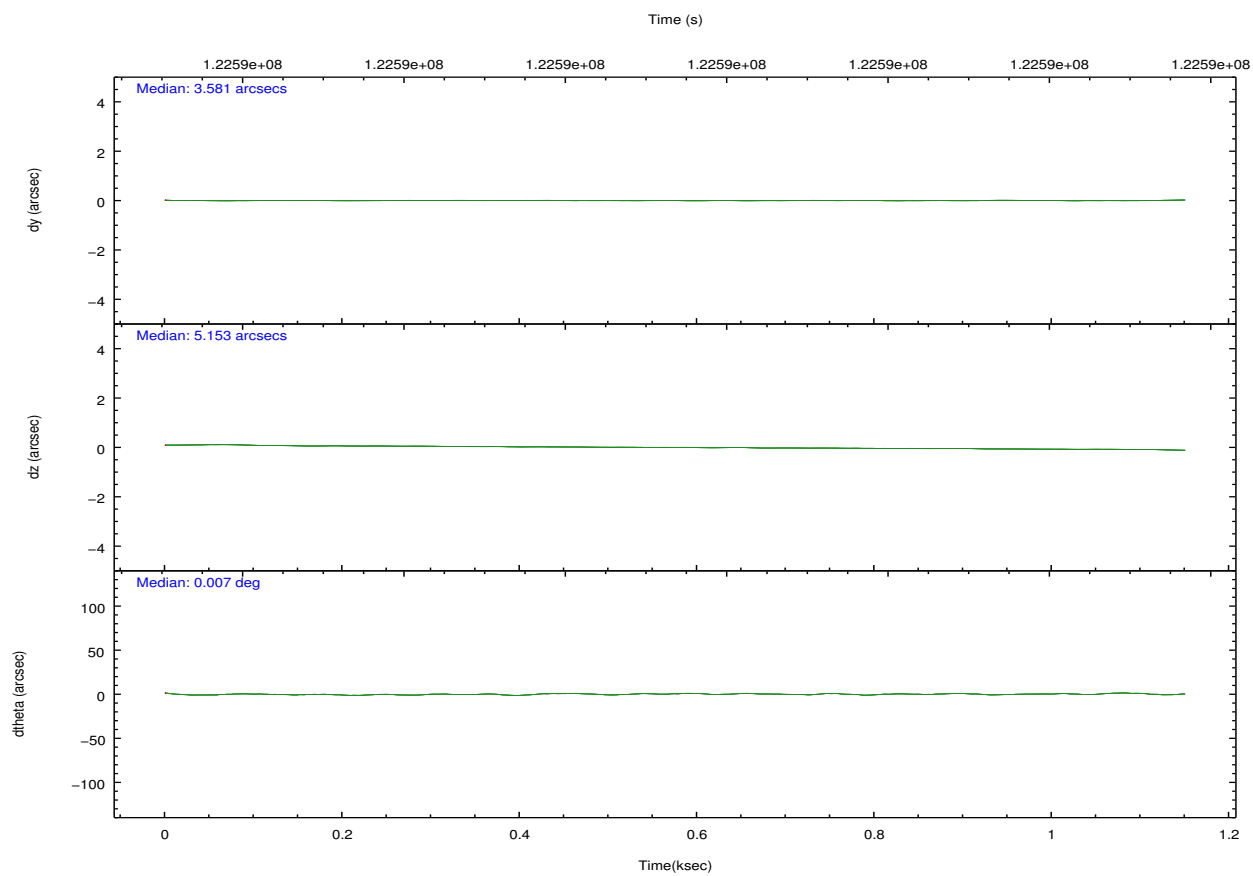
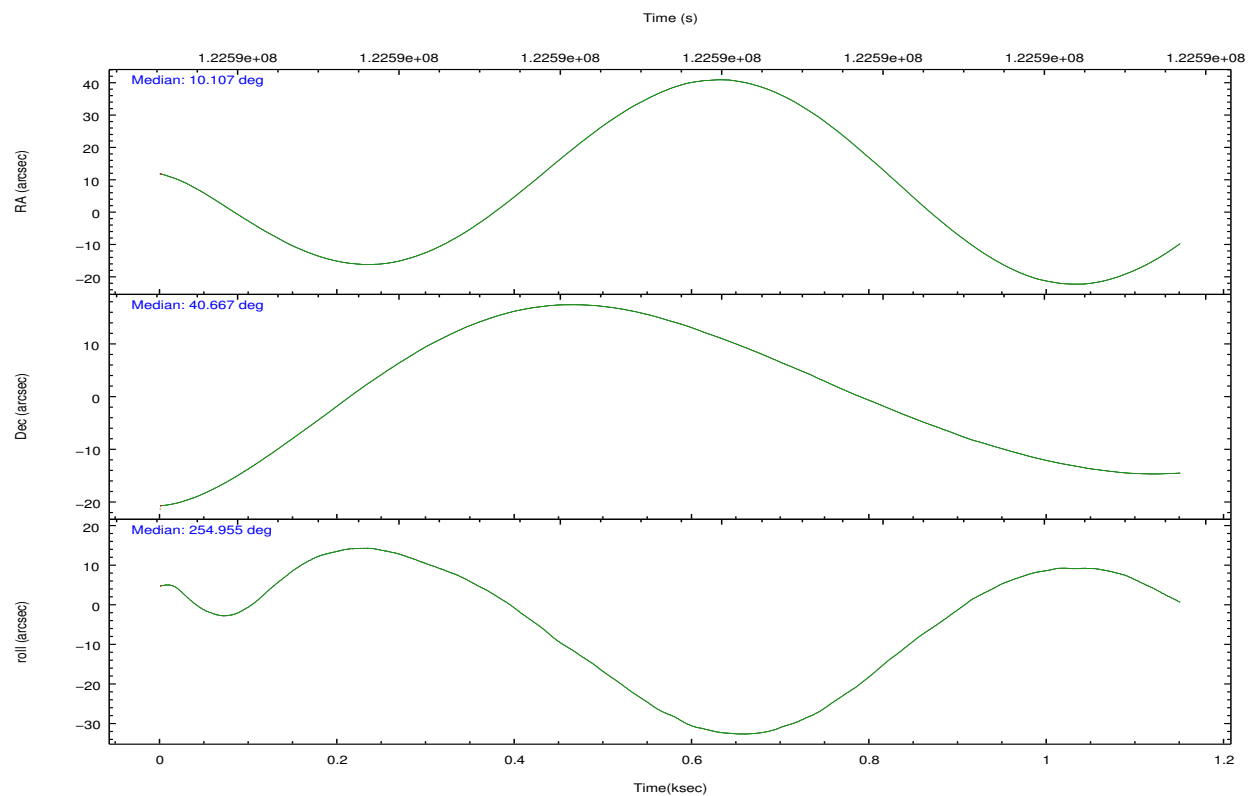
	segment 0
level 1 events	106246
rejected events	16181
rejected %	15%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	10.099535	10.10815869391583			
[deg] Pointing Dec	40.692716	40.66662074449319			
[deg] Pointing Roll	255.062338	254.96142941957			
[s] Window start time (MET)	122515264.184000	122515264.184000			
[s] Window stop time (MET)	123120064.184000	123120064.184000			
[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)	122588311.184000	122587905.67846			
Observation start date	2001-11-19T20:17:27	2001-11-19T20:11:45			
[s] Observation end time (MET)	122589311.184000	122589444.71602			
Observation end date	2001-11-19T20:34:07	2001-11-19T20:37:24			

2.3 Aspect



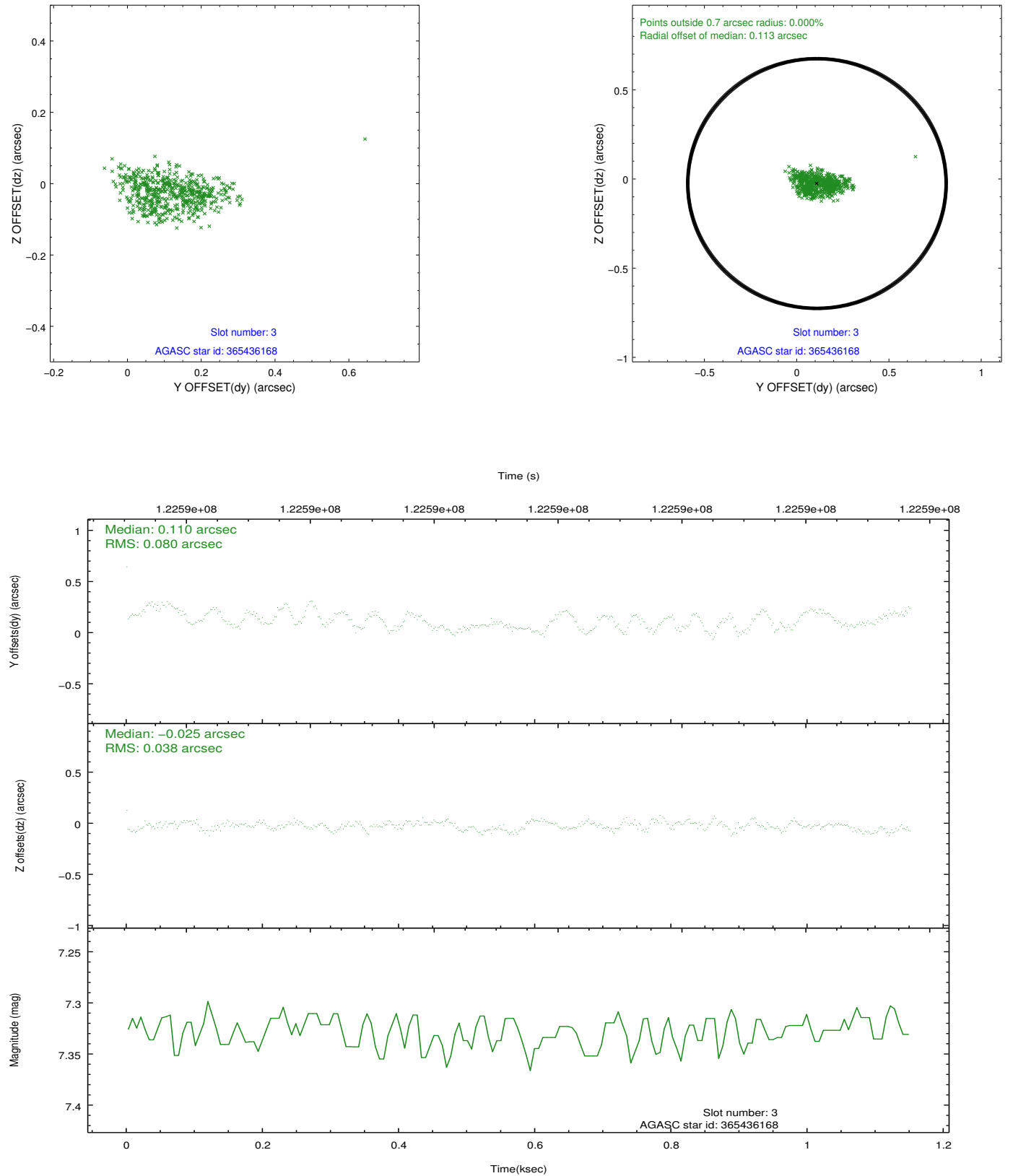


Slot Statistics

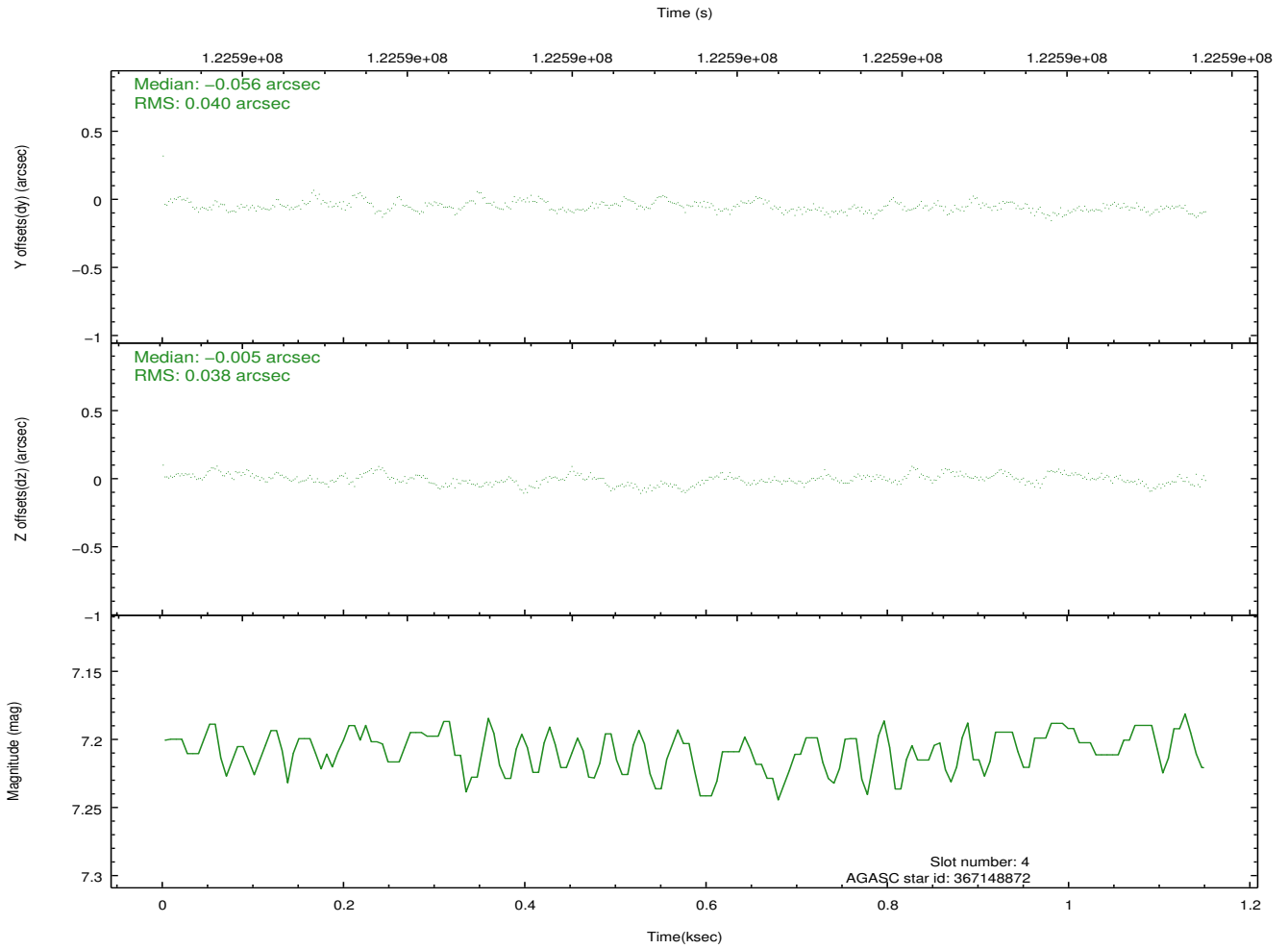
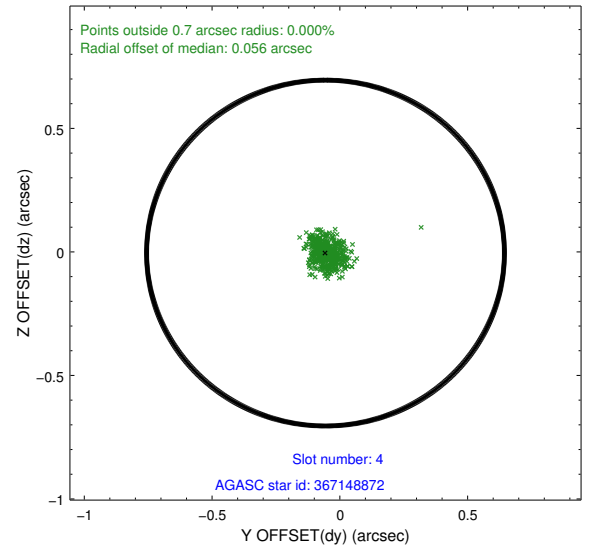
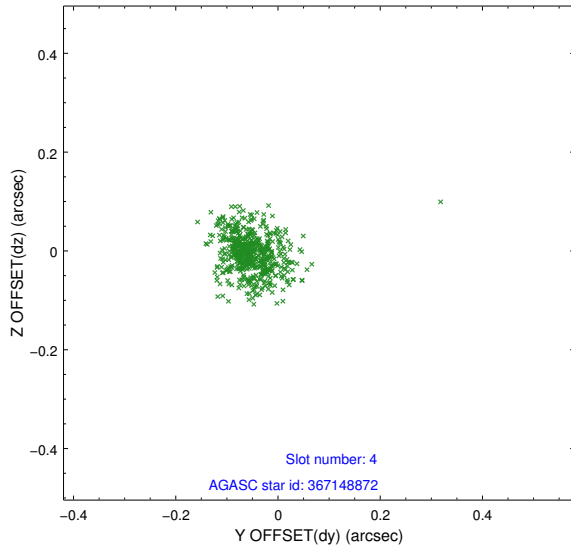
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	281	0.009	0.058	0.007	0.012	0.000000	0.000000	-759.02	-1292.91
1	FID	HRC-I-2	7.01	281	0.074	-0.053	0.006	0.010	0.000000	0.000000	850.97	-1299.14
2	FID	HRC-I-3	7.05	281	0.036	-0.094	0.006	0.010	0.000000	0.000000	-1184.52	1006.86
3	GUIDE	365436168	7.33	562	0.110	-0.025	0.091	0.151	9.360006	40.332380	1768.43	-1625.13
4	GUIDE	367148872	7.21	562	-0.056	-0.005	0.057	0.091	10.505940	40.688258	-270.10	1075.84
5	GUIDE	365431072	8.99	562	-0.084	-0.010	0.093	0.147	9.376278	41.092224	-892.15	-2263.65
6	GUIDE	367145856	9.29	561	-0.037	0.030	0.098	0.158	10.744946	40.402085	546.46	1977.06
7	GUIDE	367141456	9.46	561	0.058	0.030	0.123	0.192	10.733182	40.145955	1446.92	2197.71

2.4 Star Slots

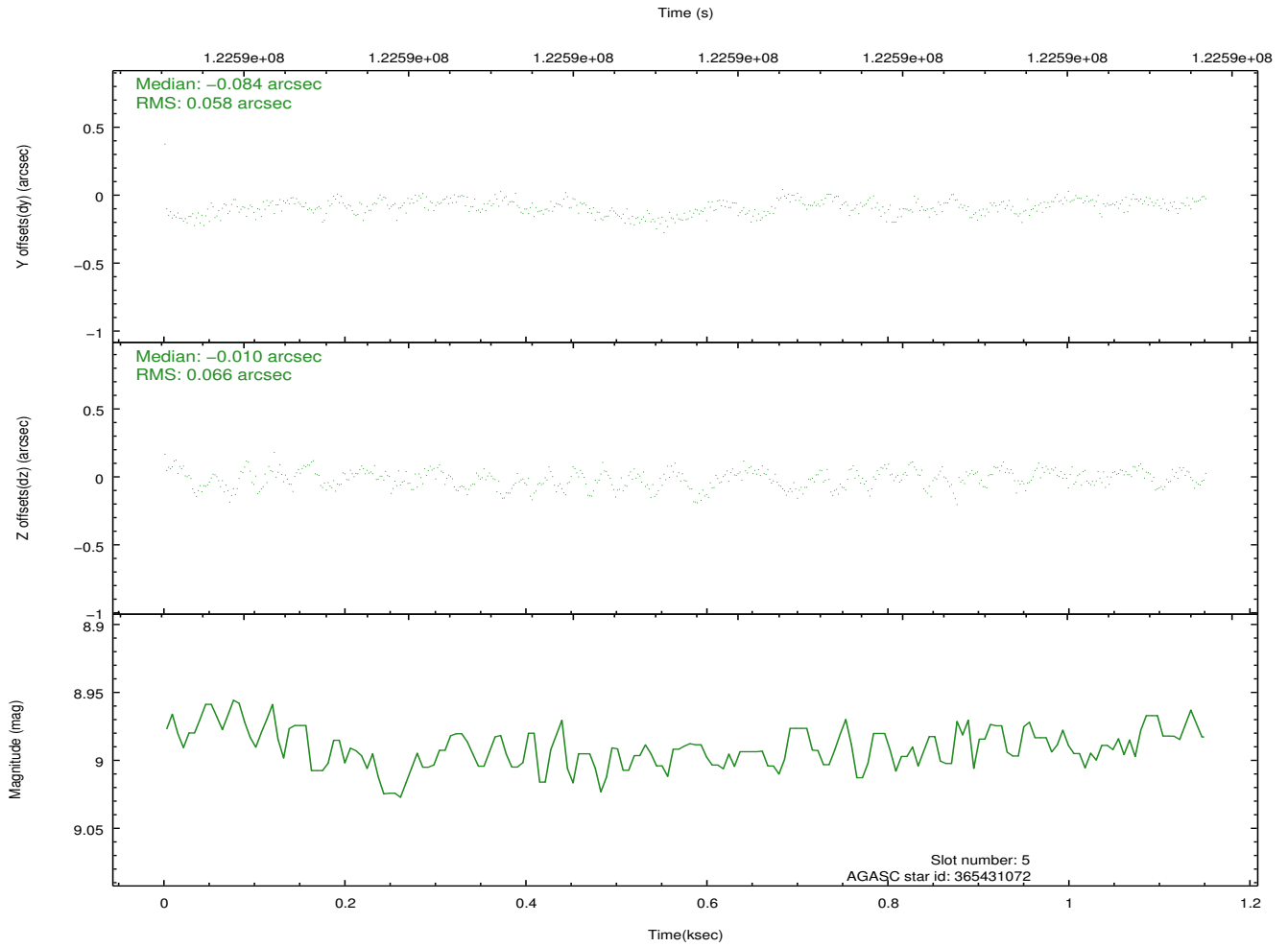
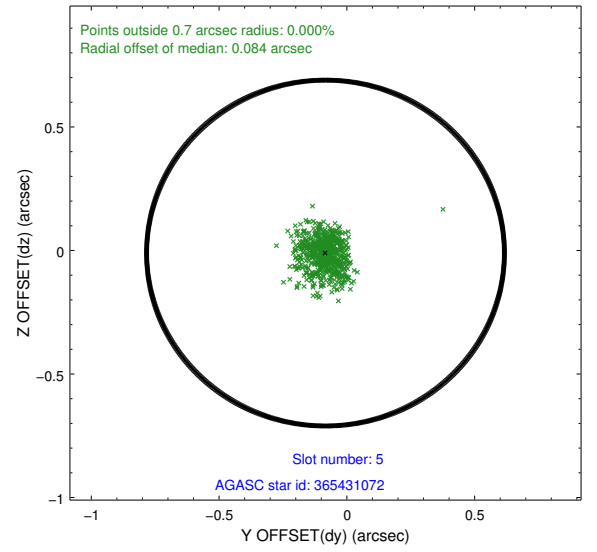
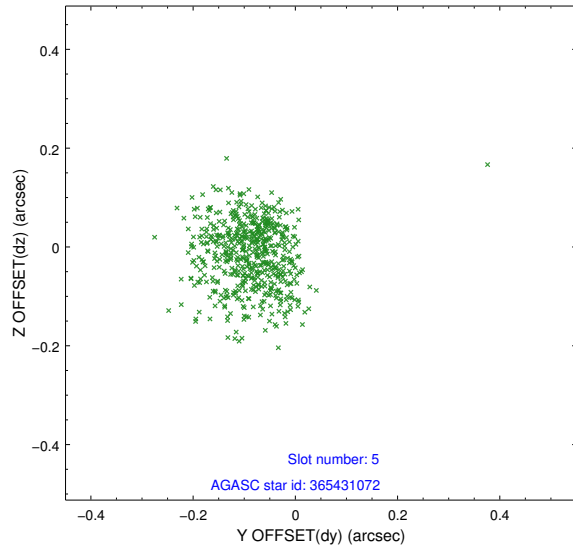
2.4.1 Slot 3



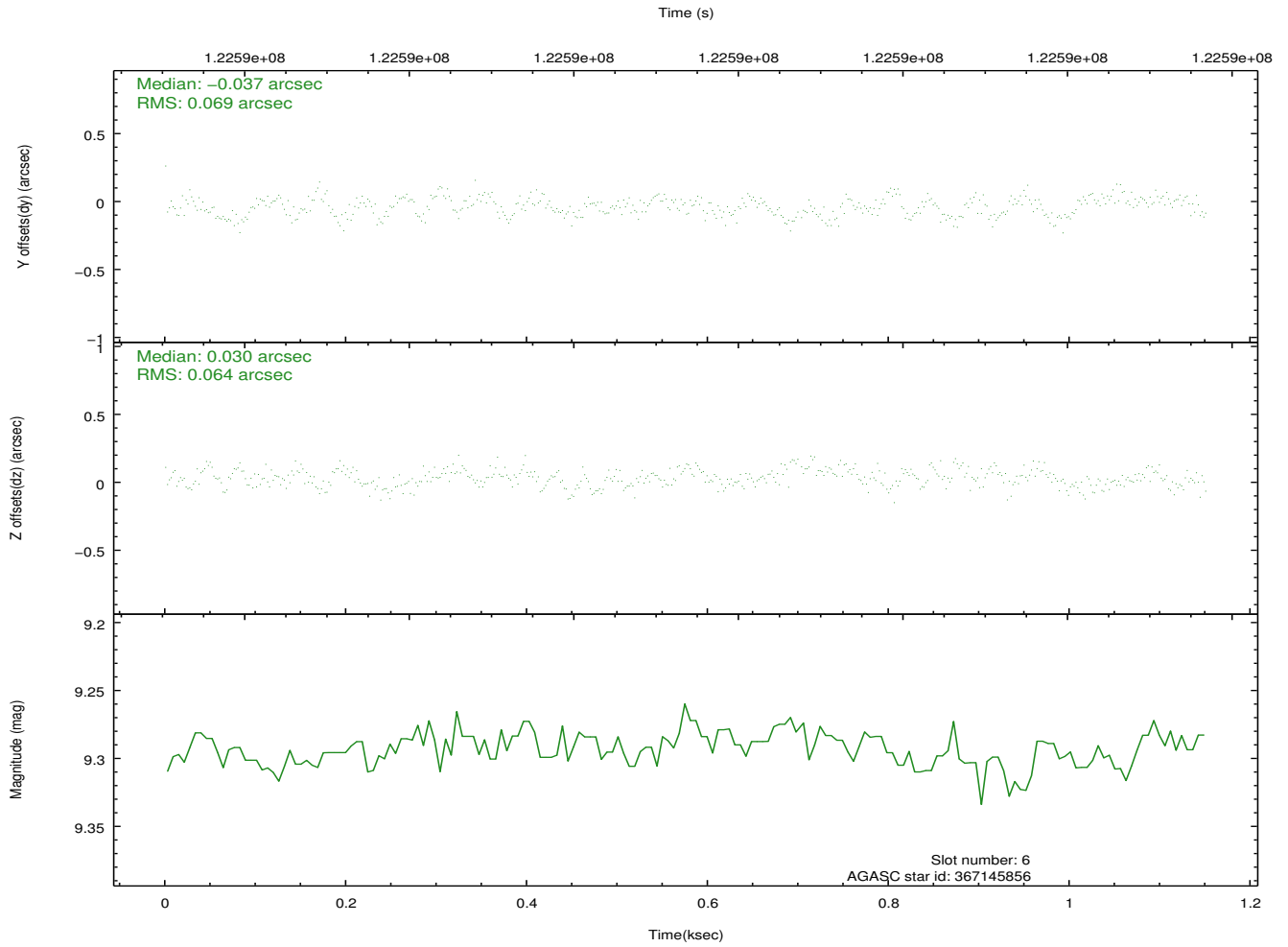
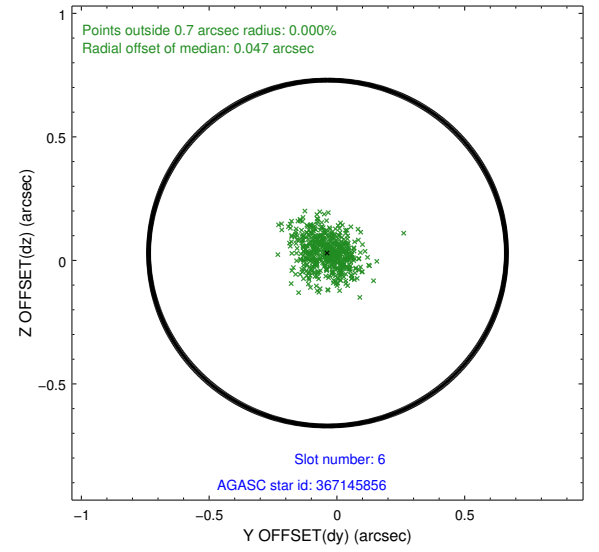
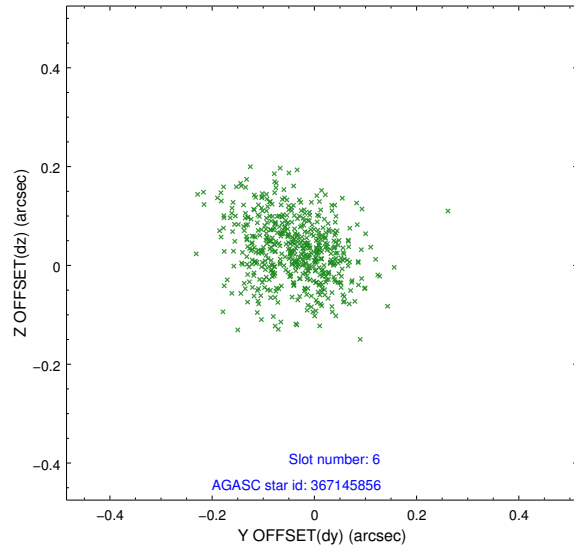
2.4.2 Slot 4



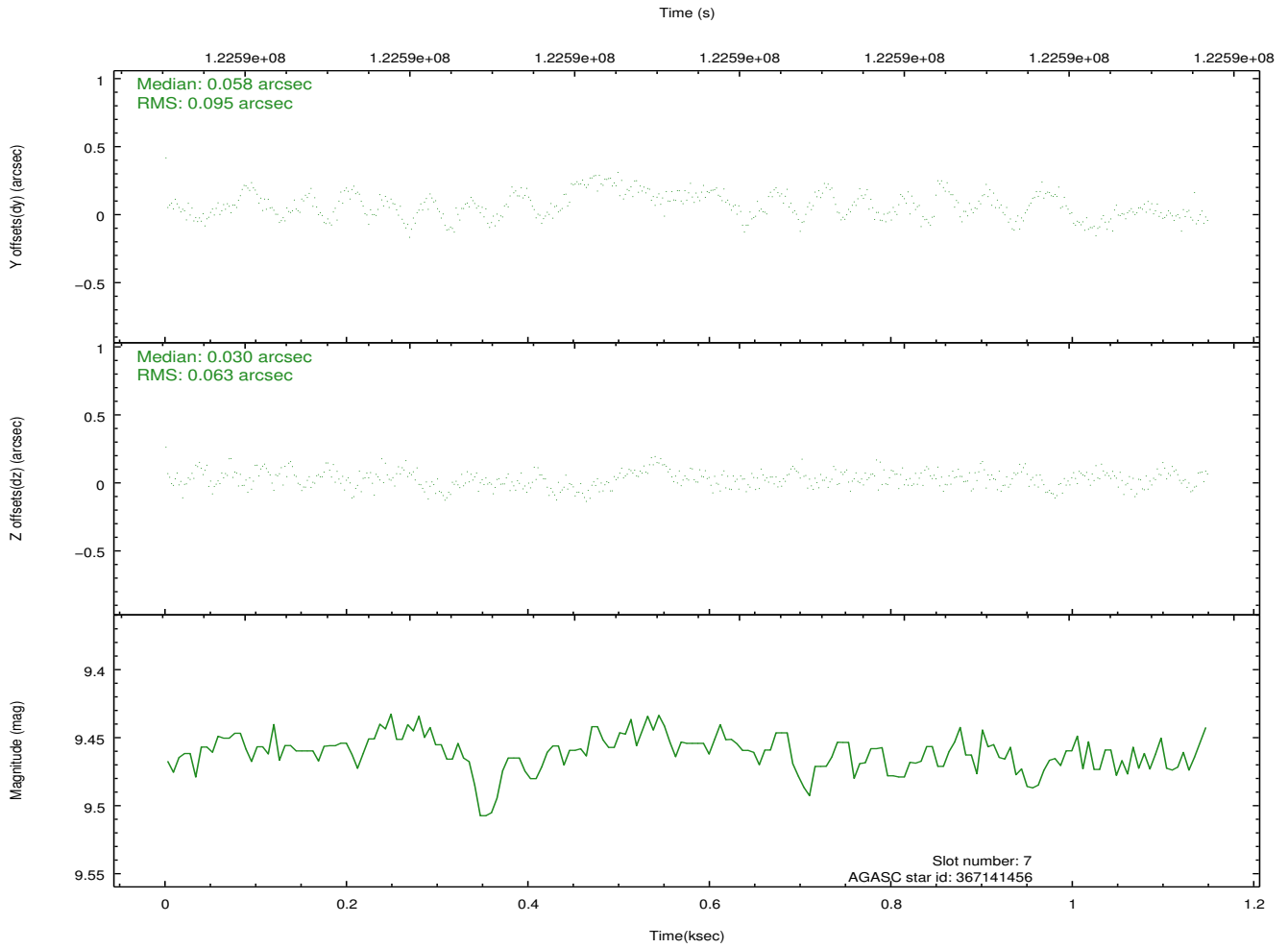
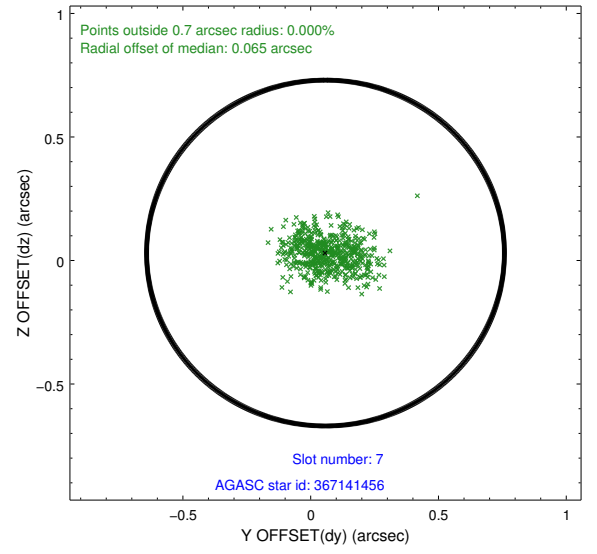
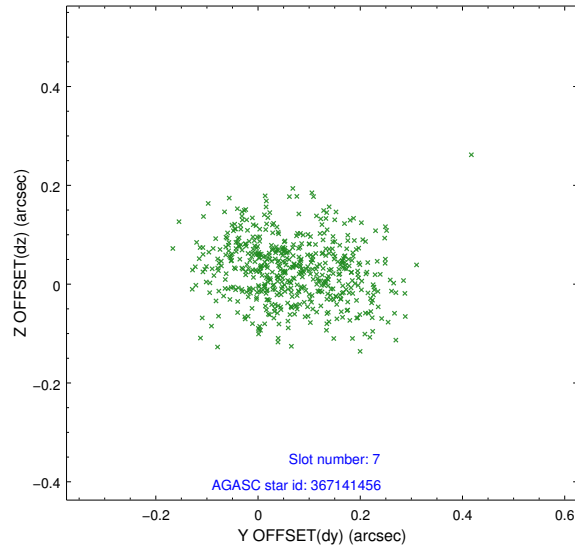
2.4.3 Slot 5



2.4.4 Slot 6

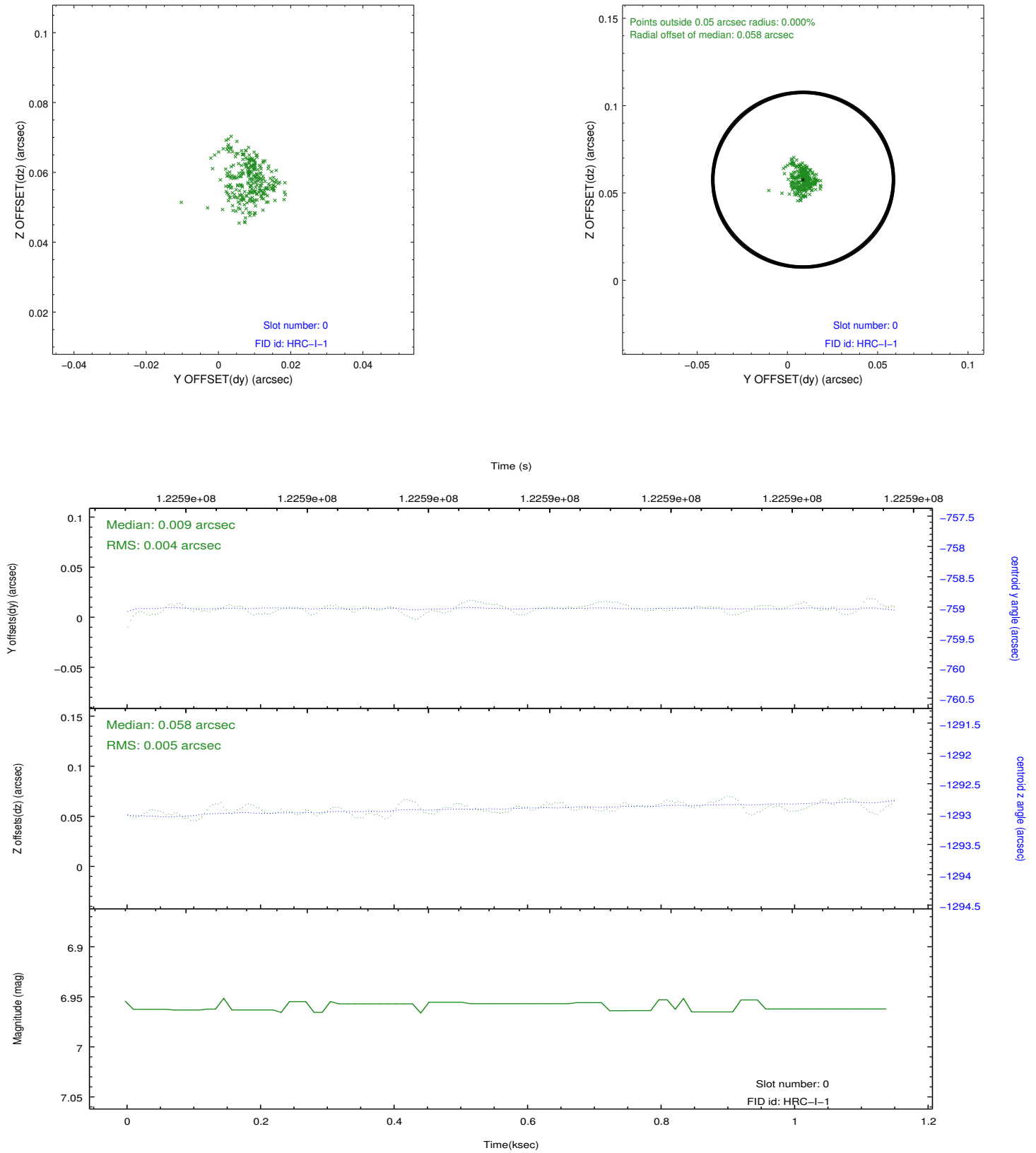


2.4.5 Slot 7

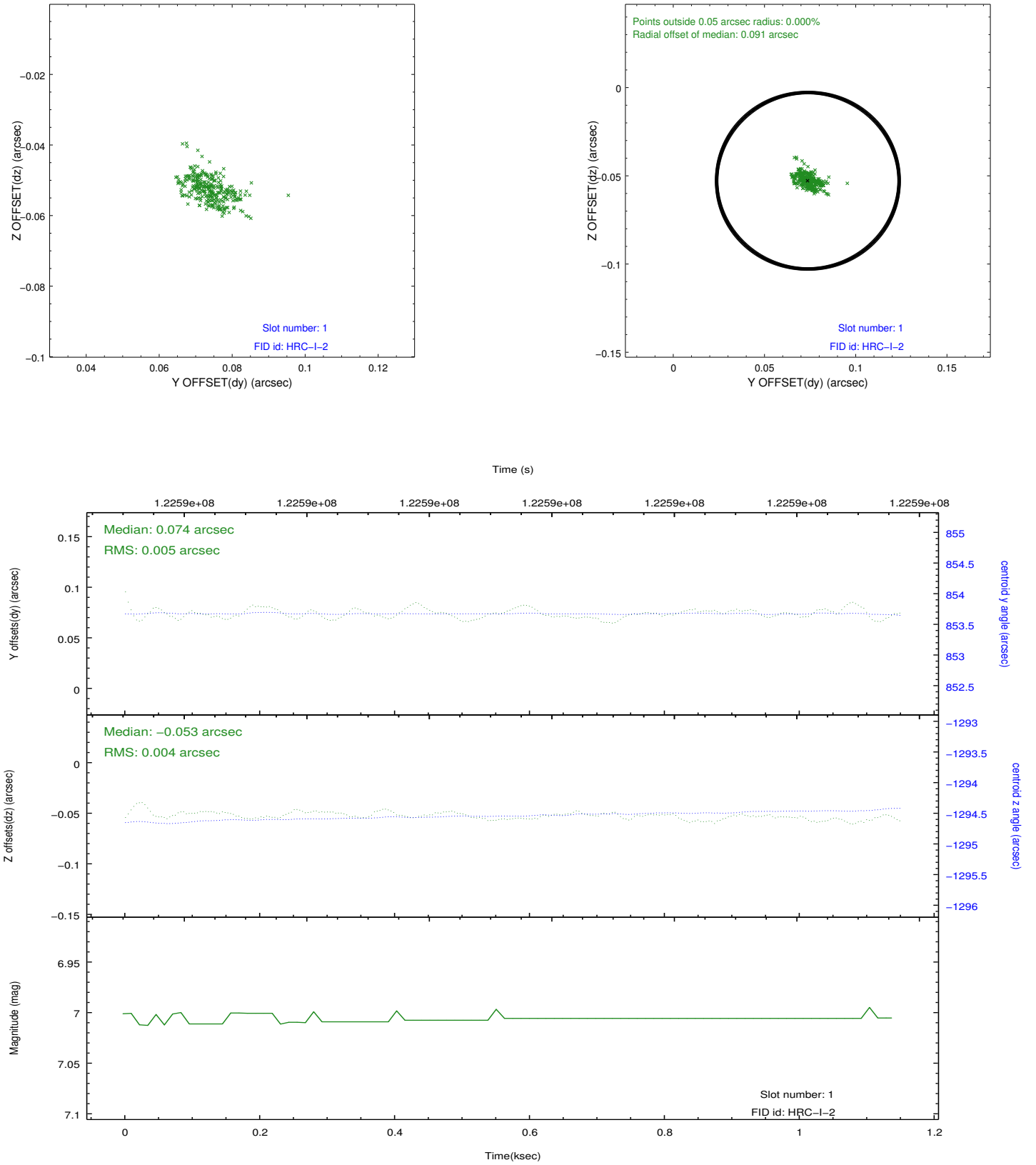


2.5 FID Slots

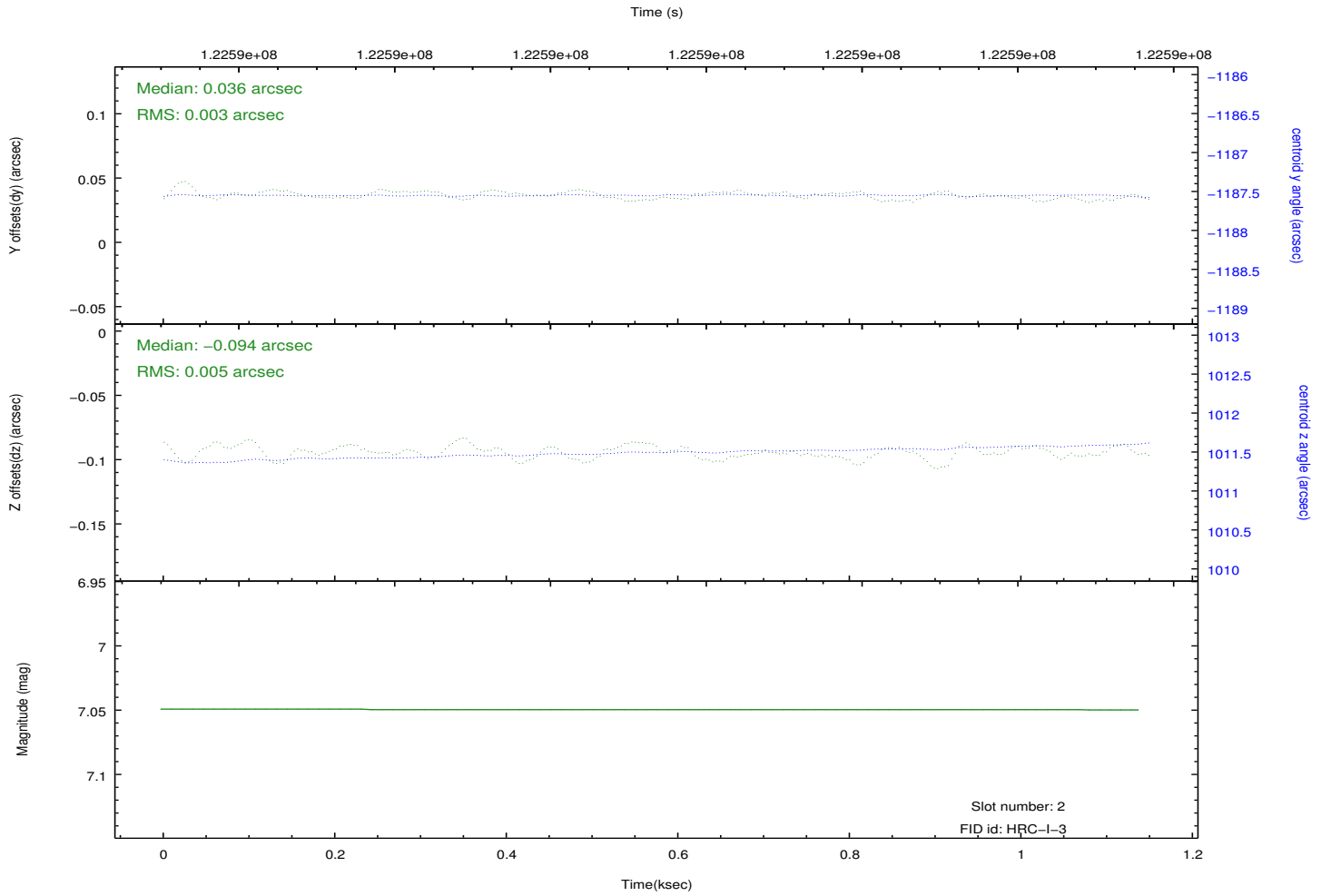
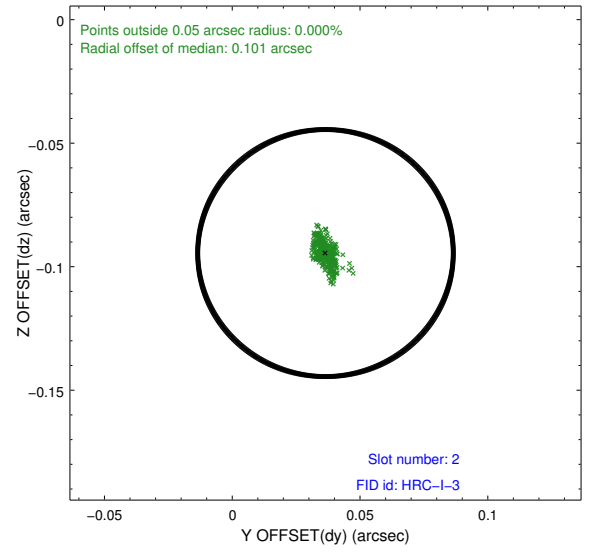
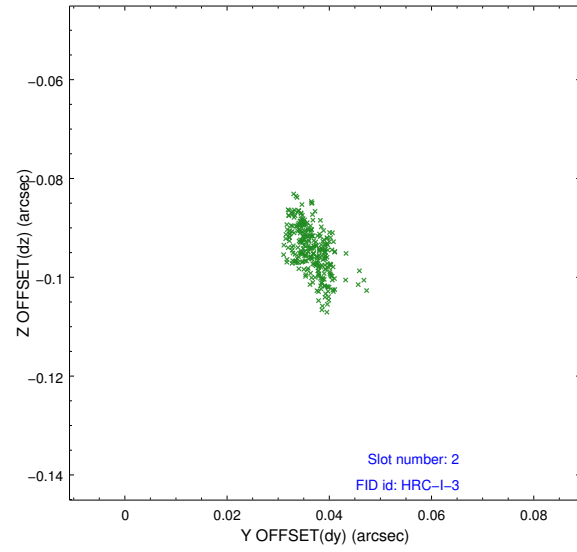
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.983

A.2 Comments

Window constraint met.