

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 291 - L2 Version 5
Chandra X-Ray Center

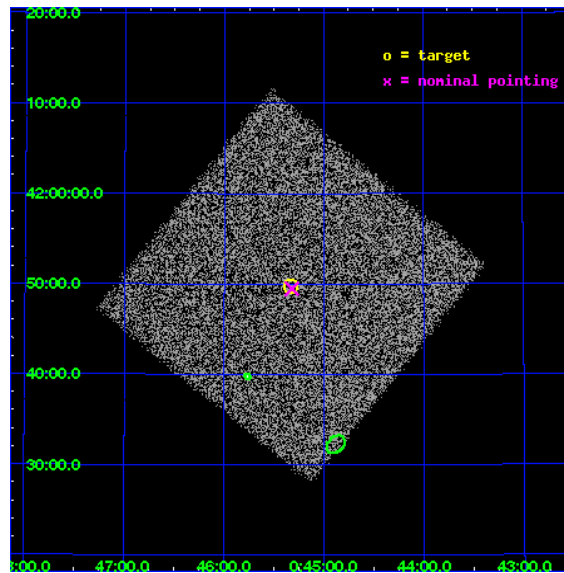
L2 Processing Date : Nov 25 2009

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1 Front

seq_num	600051	Sequence number
obs_id	291	Observation id
title	MONITORING M31	Proposal title
observer	Dr Steve Murray	Principal investigator
object	M31 - North 2	Source name
ra_targ	11.333333	Observer's specified target RA
dec_targ	41.829722	Observer's specified target Dec
ra_nom	11.330146327152	Nominal RA
dec_nom	41.824478602473	Nominal Dec
roll_nom	263.93097544867	Nominal Roll
revision	5	Processing version of data
ontime	1276.3812961429	[s]
livetime	1268.6638958934	Ontime multiplied by DTCOR
l2events	36607	Number of level 2 events

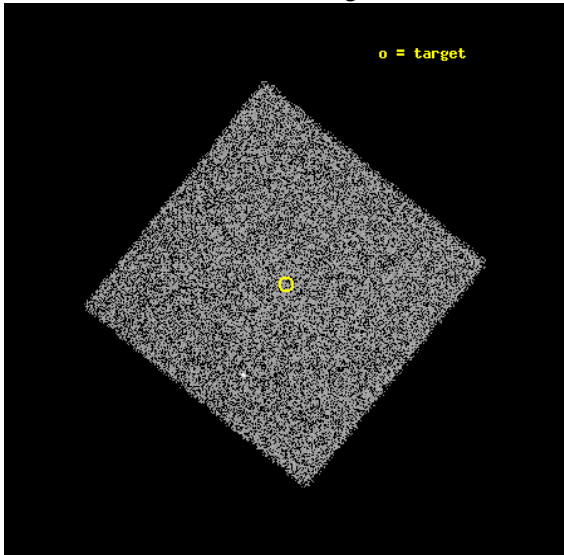


2 OBI

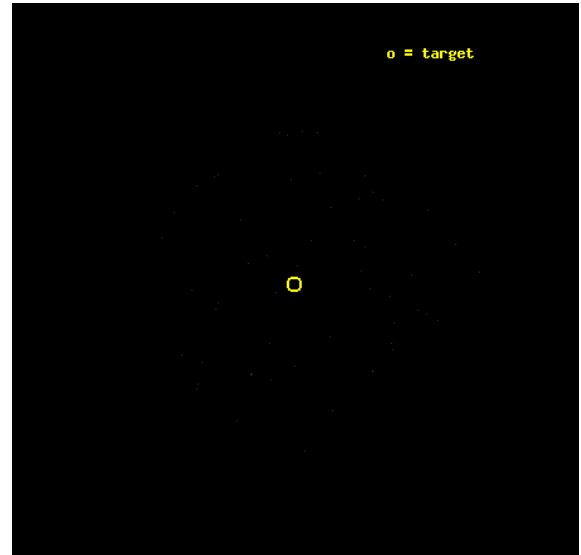
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	1276.3812961429	[s]
caldbver	4.1.4	 	l1events	58644	Number of level 1 events
date	2009-11-25T08:06:49	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

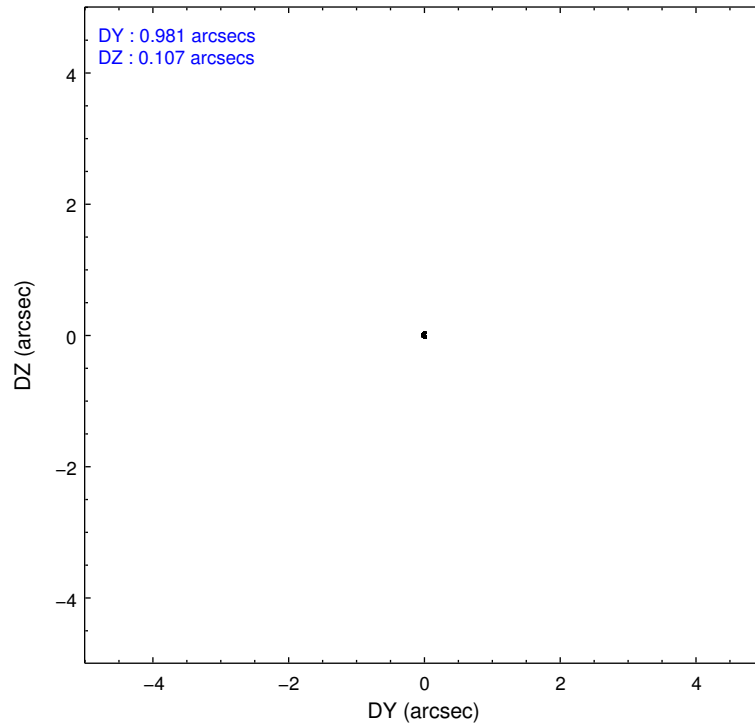
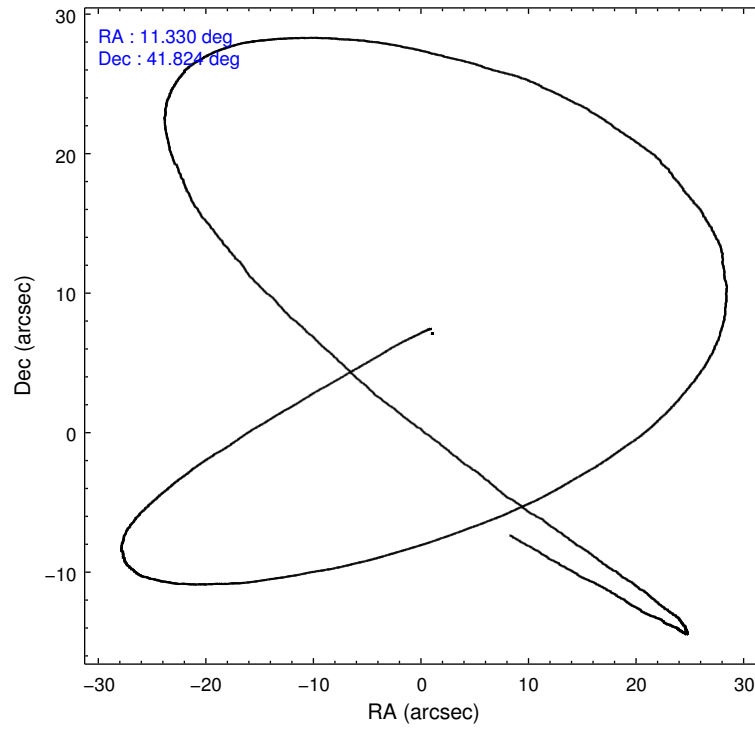
	segment 0
level 1 events	58644
rejected events	2164
rejected %	3%

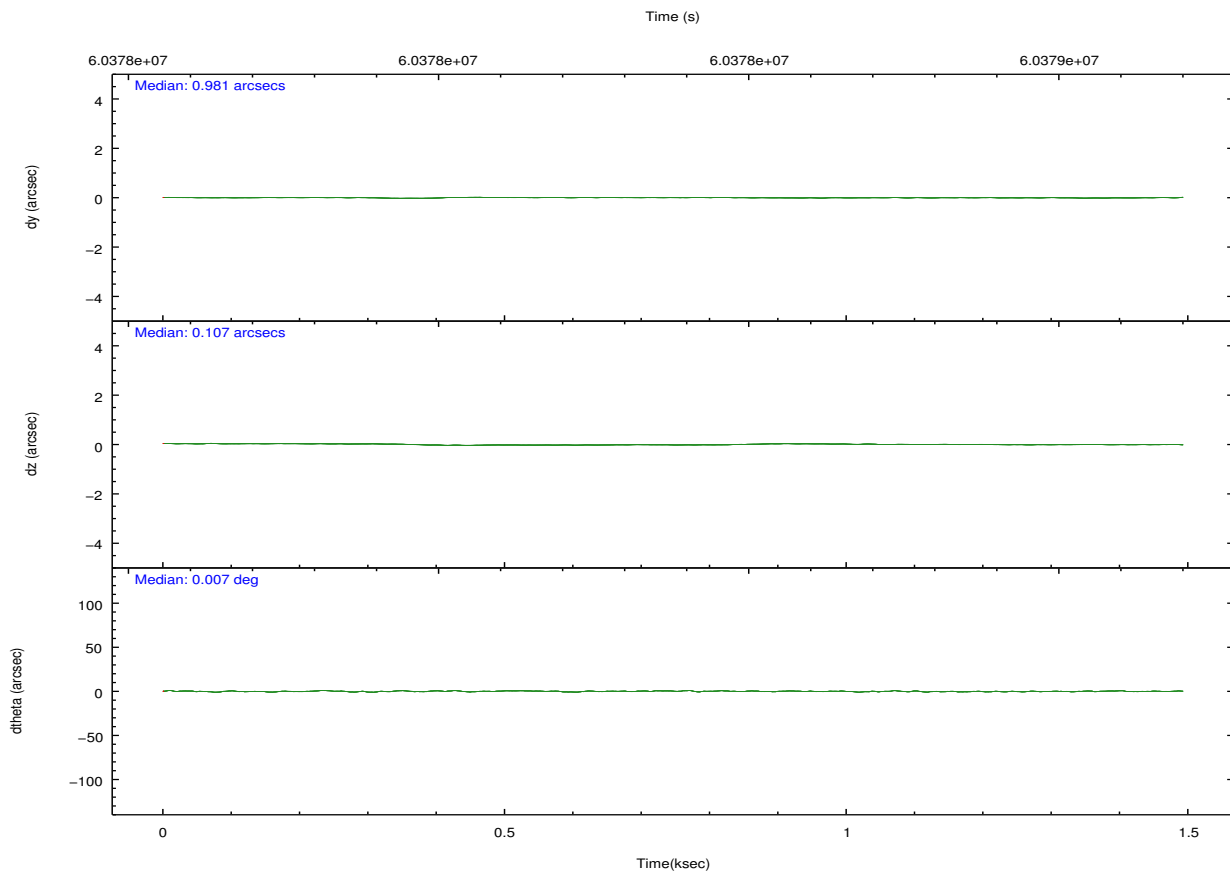
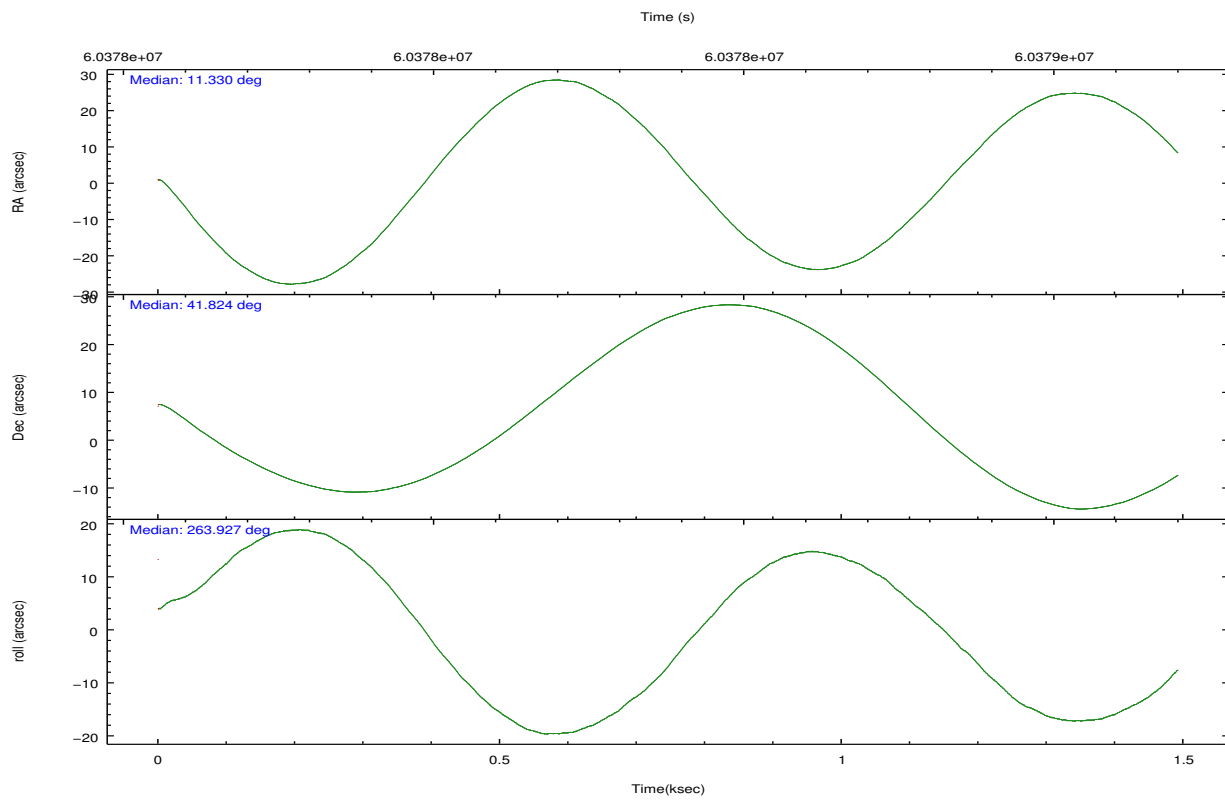
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	11.315127	11.33014632715182
Pointing Dec	41.850577	41.82447860247309
Pointing Roll	264.036434	263.9309754486724
SIM focus pos (mm)	-1.040293	-1.038866356238299
SIM defocus (mm)	0	0.001426264420575141
SIM translation stage pos (mm)	126.985494	126.9829799899862
SIM translation stage offset (mm)	0	0.002508901615314585
Observation start time	60378125.184000	60377459.362823
Observation start date	1999-11-30T19:41:01	1999-11-30T19:30:59
Observation end time	60379125.184000	60379691.300404
Observation end date	1999-11-30T19:57:41	1999-11-30T20:08:11

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



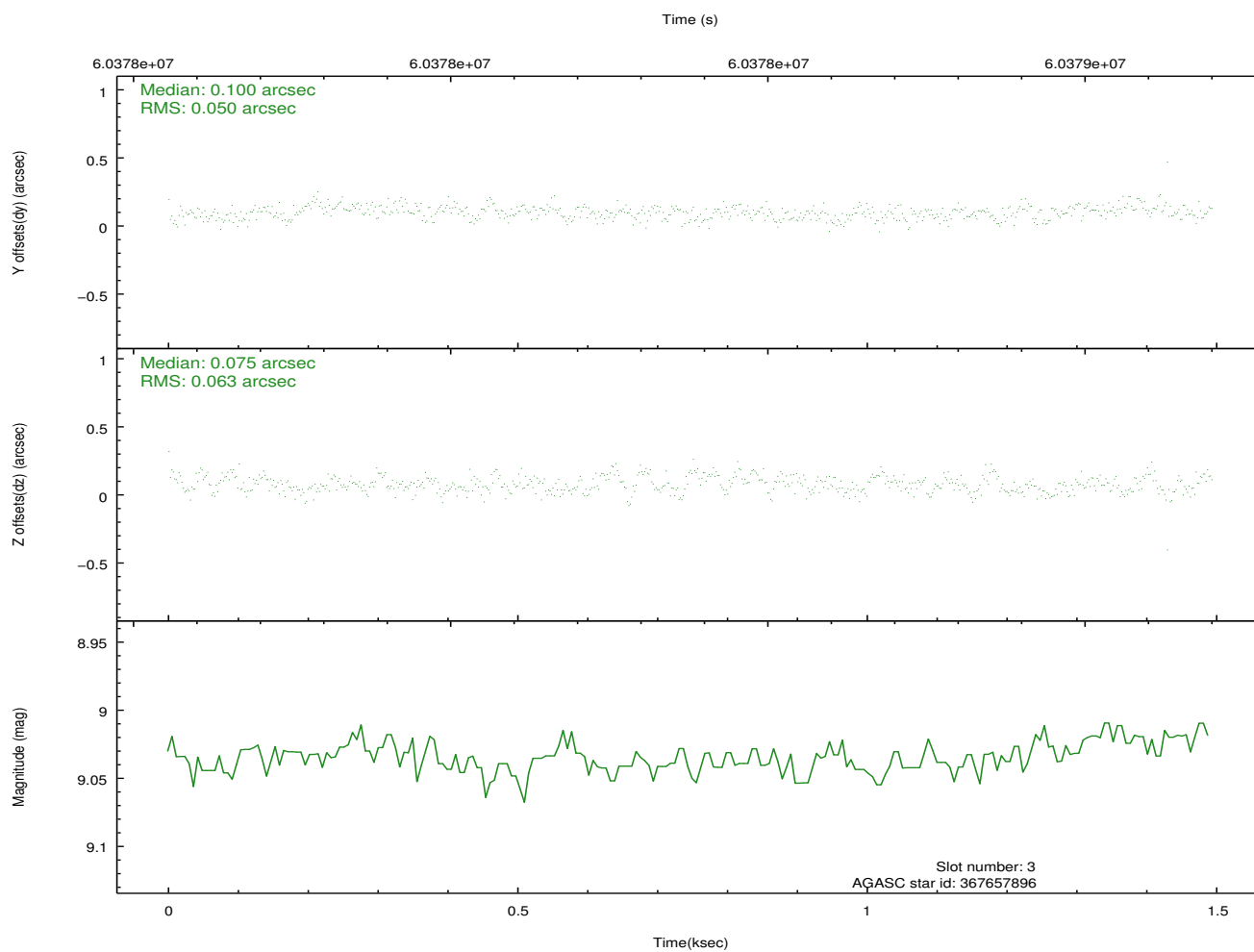
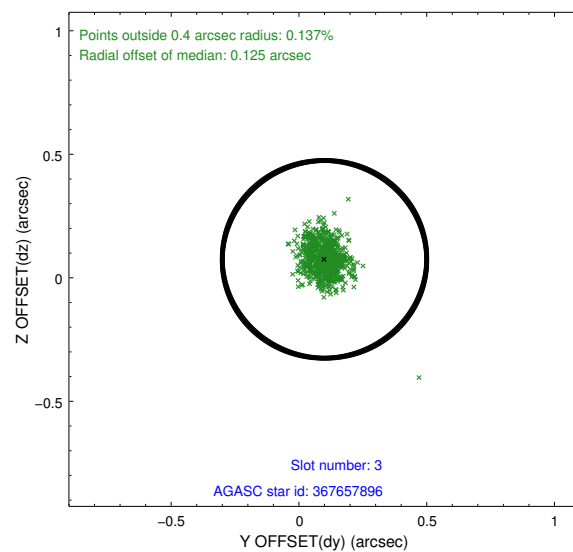
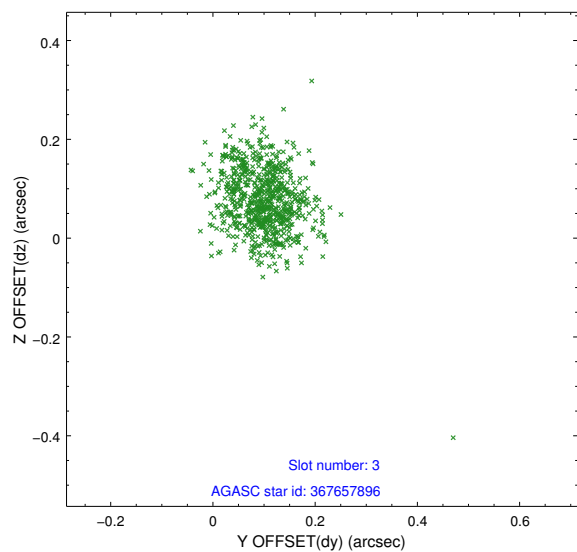


Slot Statistics

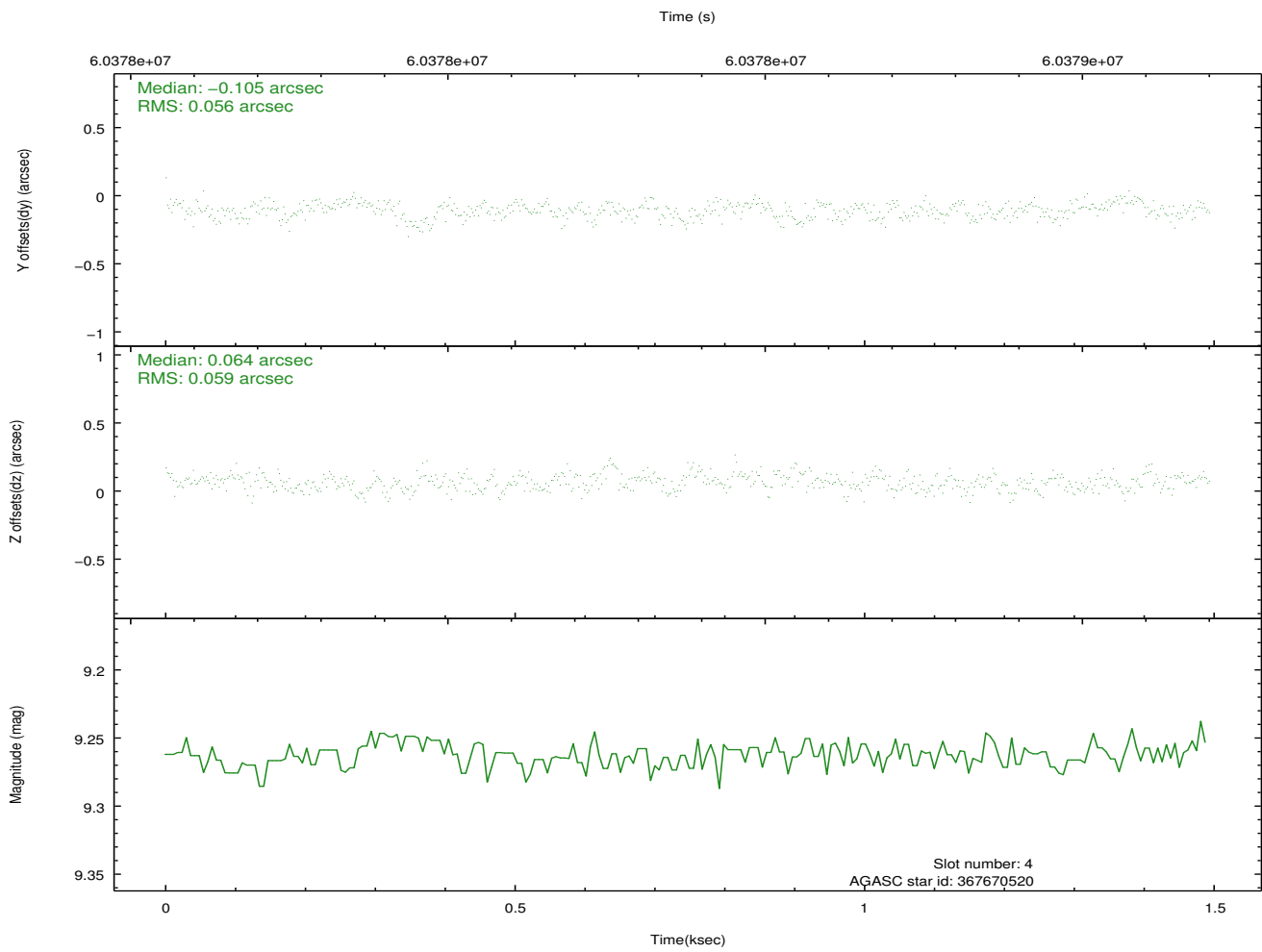
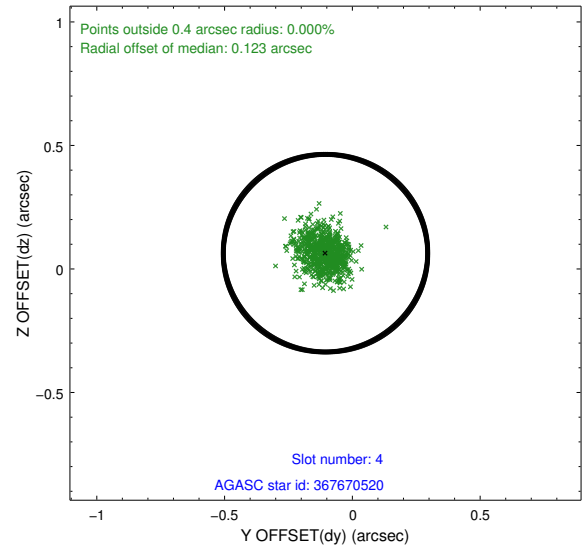
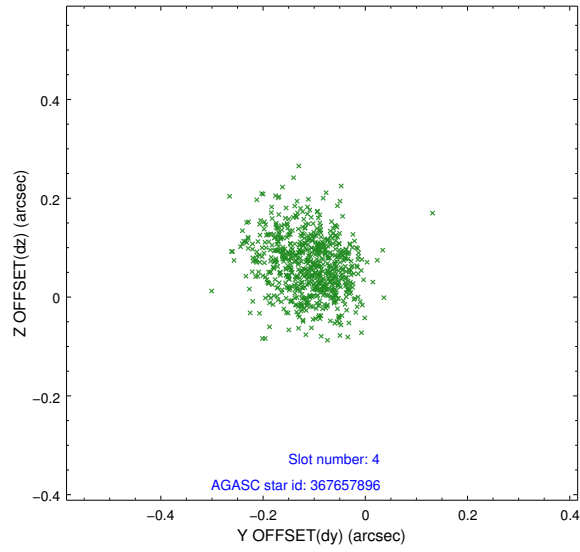
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	729	0.004	-0.002	0.006	0.010	0.000000	0.000000	-756.37	-1287.78
1	FID	HRC-I-3	7.03	729	0.054	-0.082	0.006	0.011	0.000000	0.000000	-1185.89	1014.93
2	FID	HRC-I-4	6.97	729	0.056	-0.004	0.005	0.008	0.000000	0.000000	1284.80	1015.82
3	GUIDE	367657896	9.03	729	0.100	0.075	0.081	0.132	11.197765	41.313576	1951.97	-115.50
4	GUIDE	367670520	9.26	729	-0.105	0.064	0.085	0.141	11.265516	42.371946	-1854.14	-327.40
5	GUIDE	367658664	9.61	728	0.088	-0.136	0.124	0.215	10.374070	41.369746	1966.12	-2351.67
6	GUIDE	367664016	9.39	729	-0.004	-0.057	0.100	0.174	12.105776	41.954692	-603.52	2061.07
7	GUIDE	367660528	9.54	728	-0.085	0.041	0.105	0.181	11.676845	42.311657	-1757.57	786.94

2.4 Star Slots

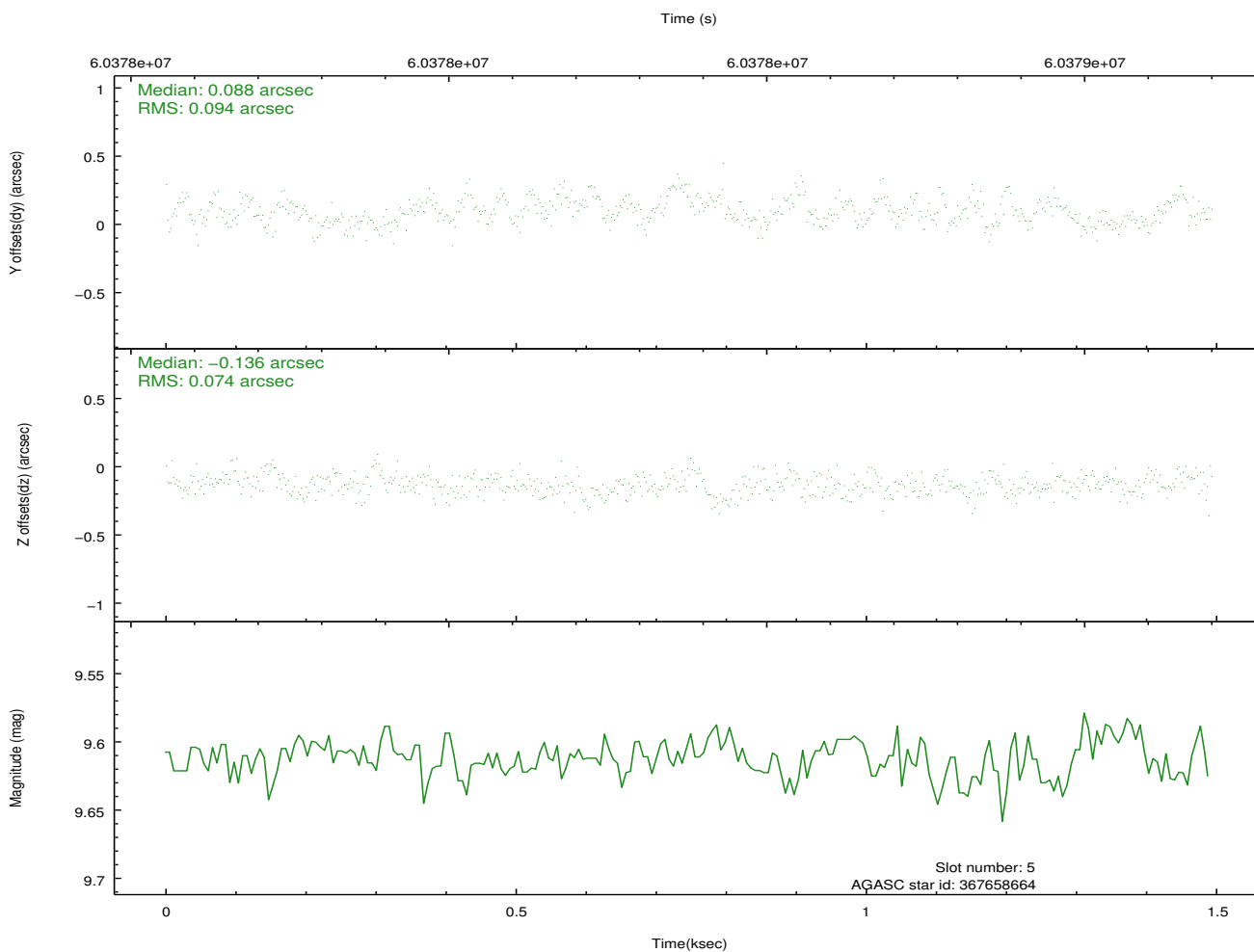
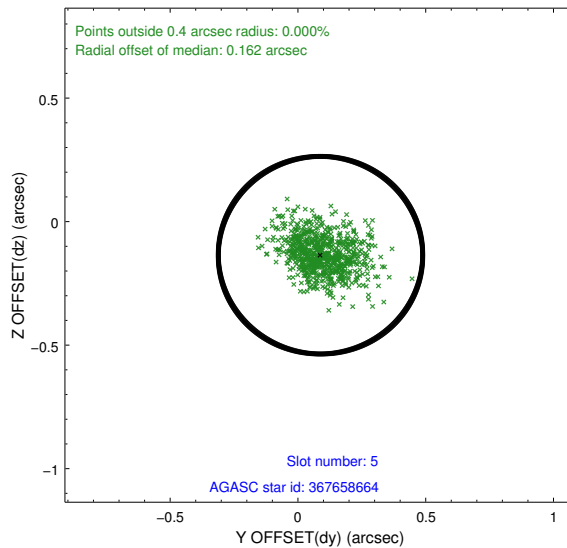
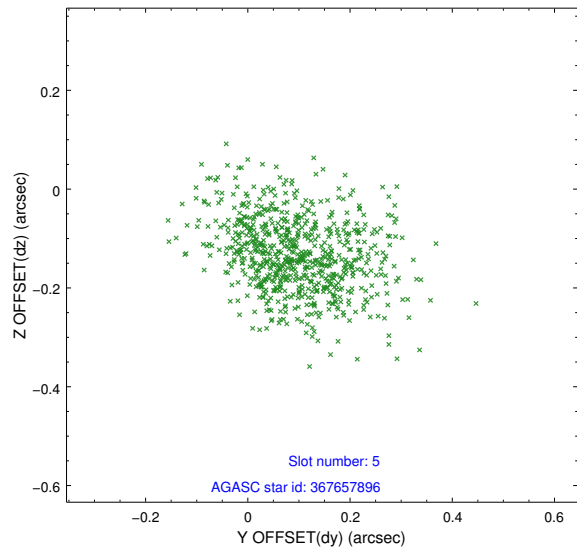
2.4.1 Slot 3



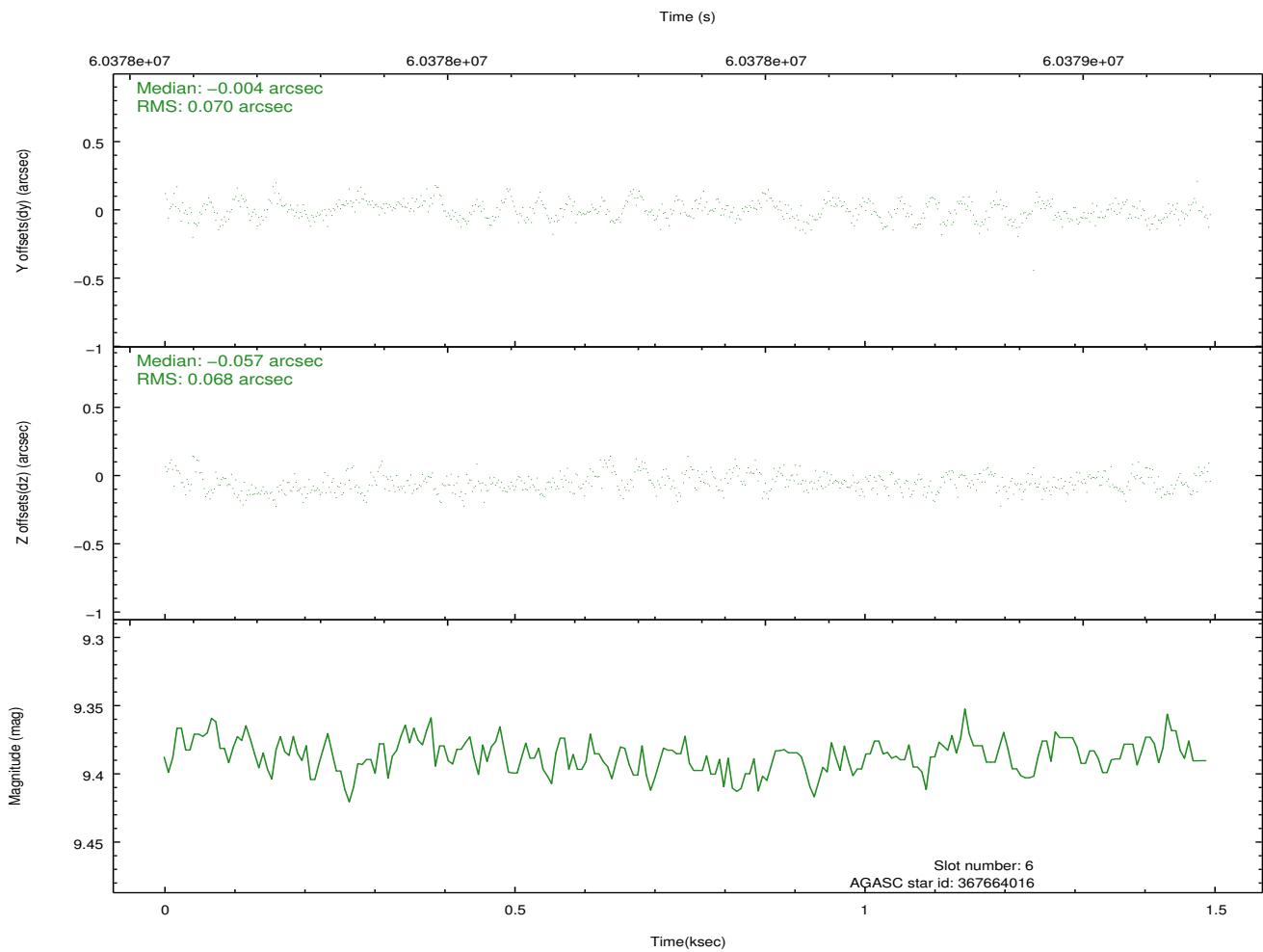
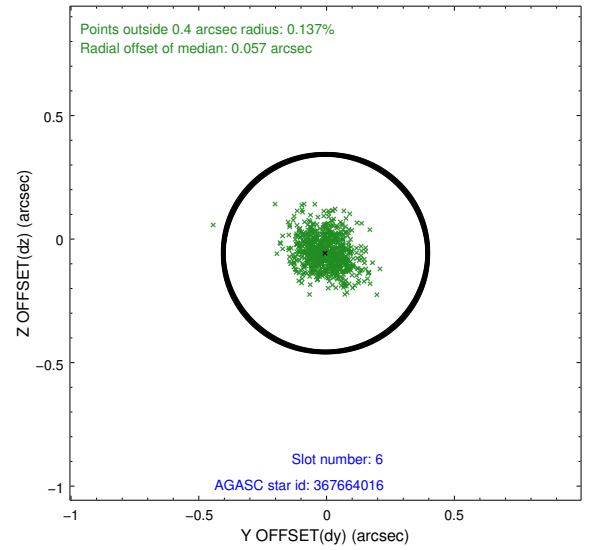
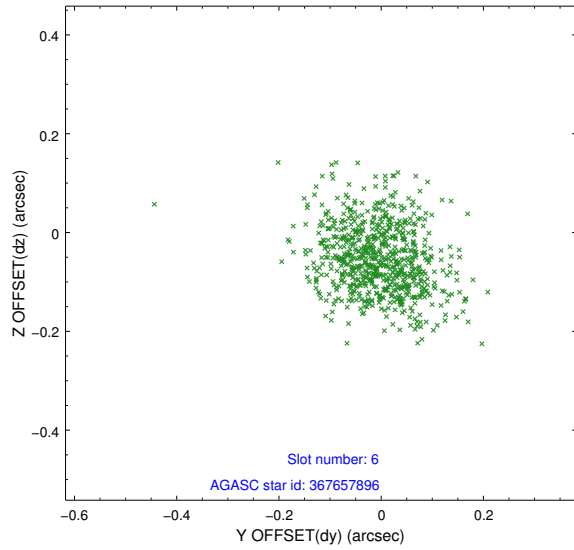
2.4.2 Slot 4



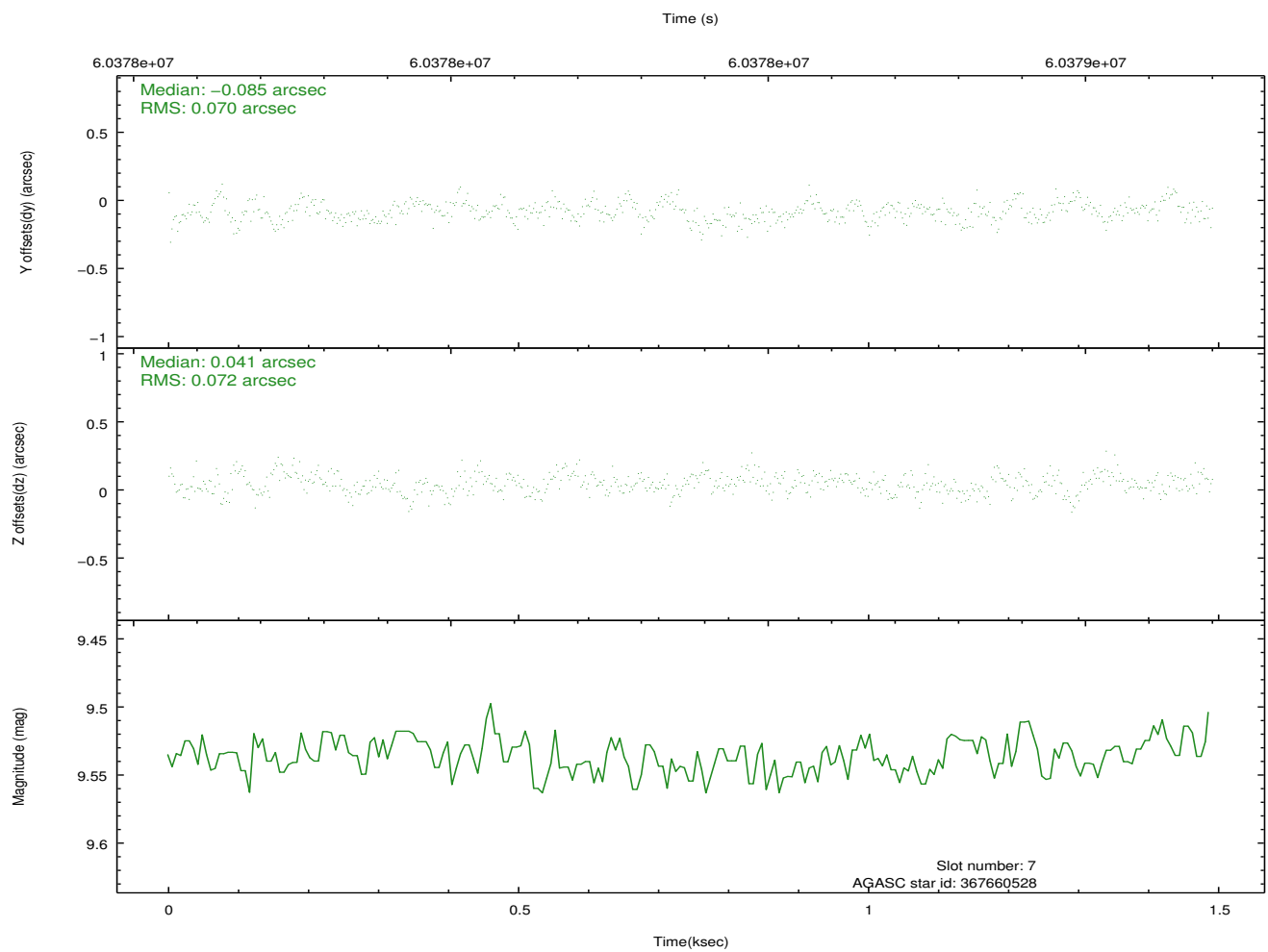
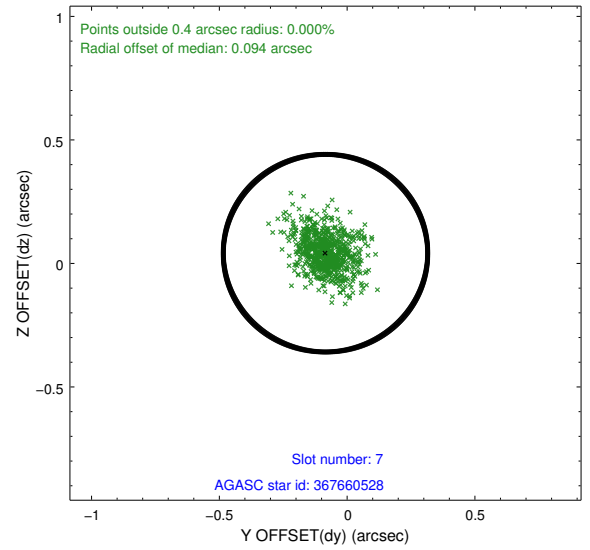
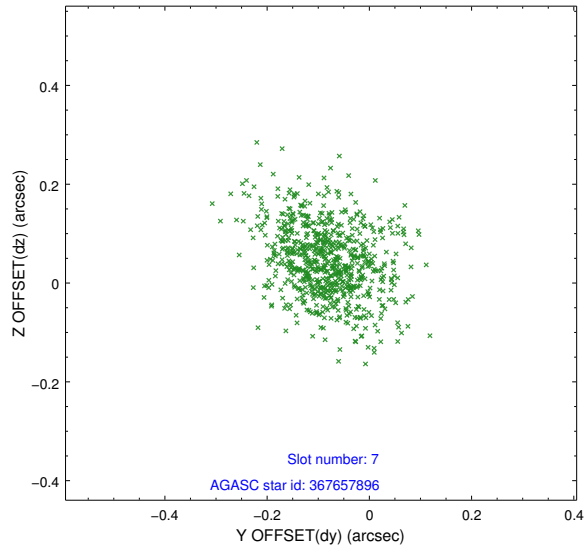
2.4.3 Slot 5



2.4.4 Slot 6

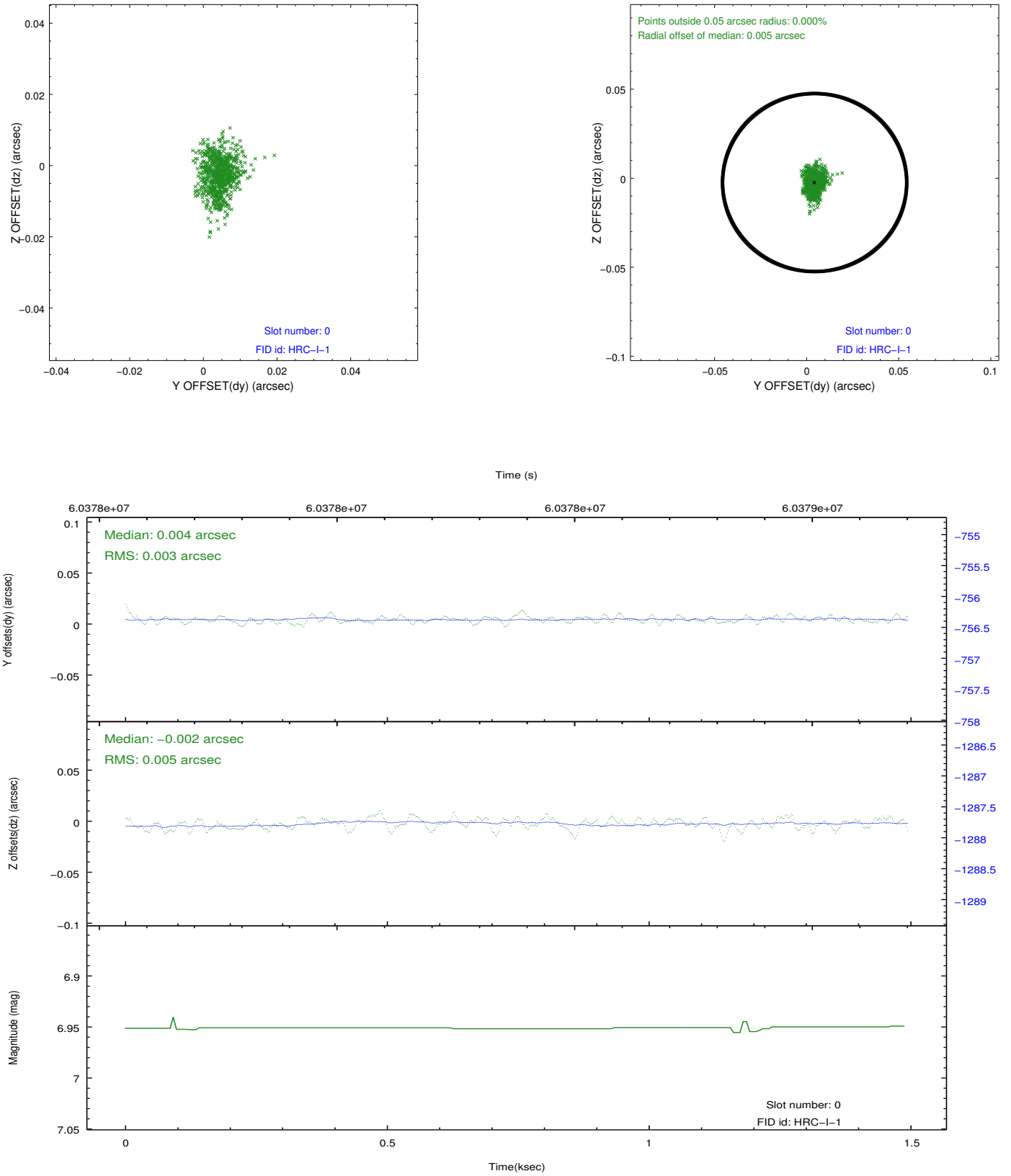


2.4.5 Slot 7

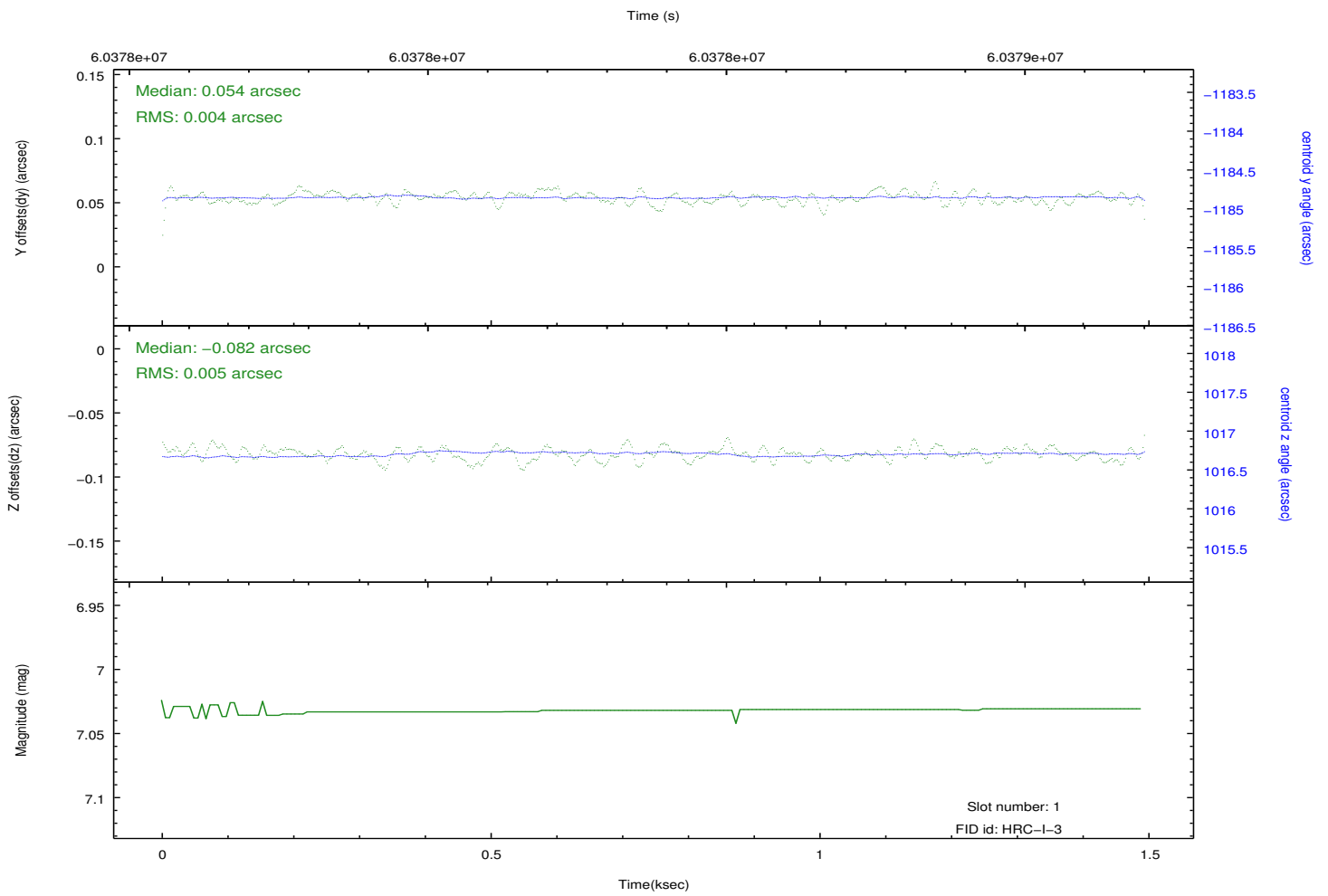
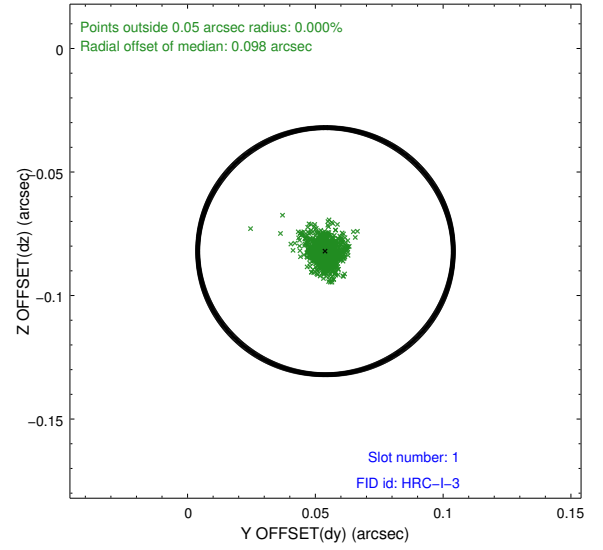
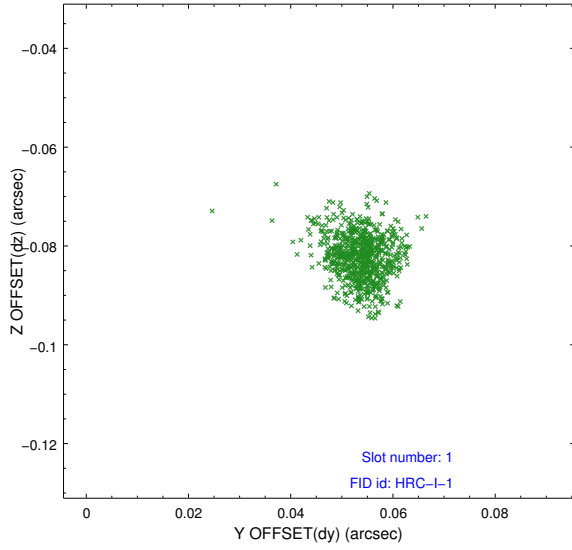


2.5 FID Slots

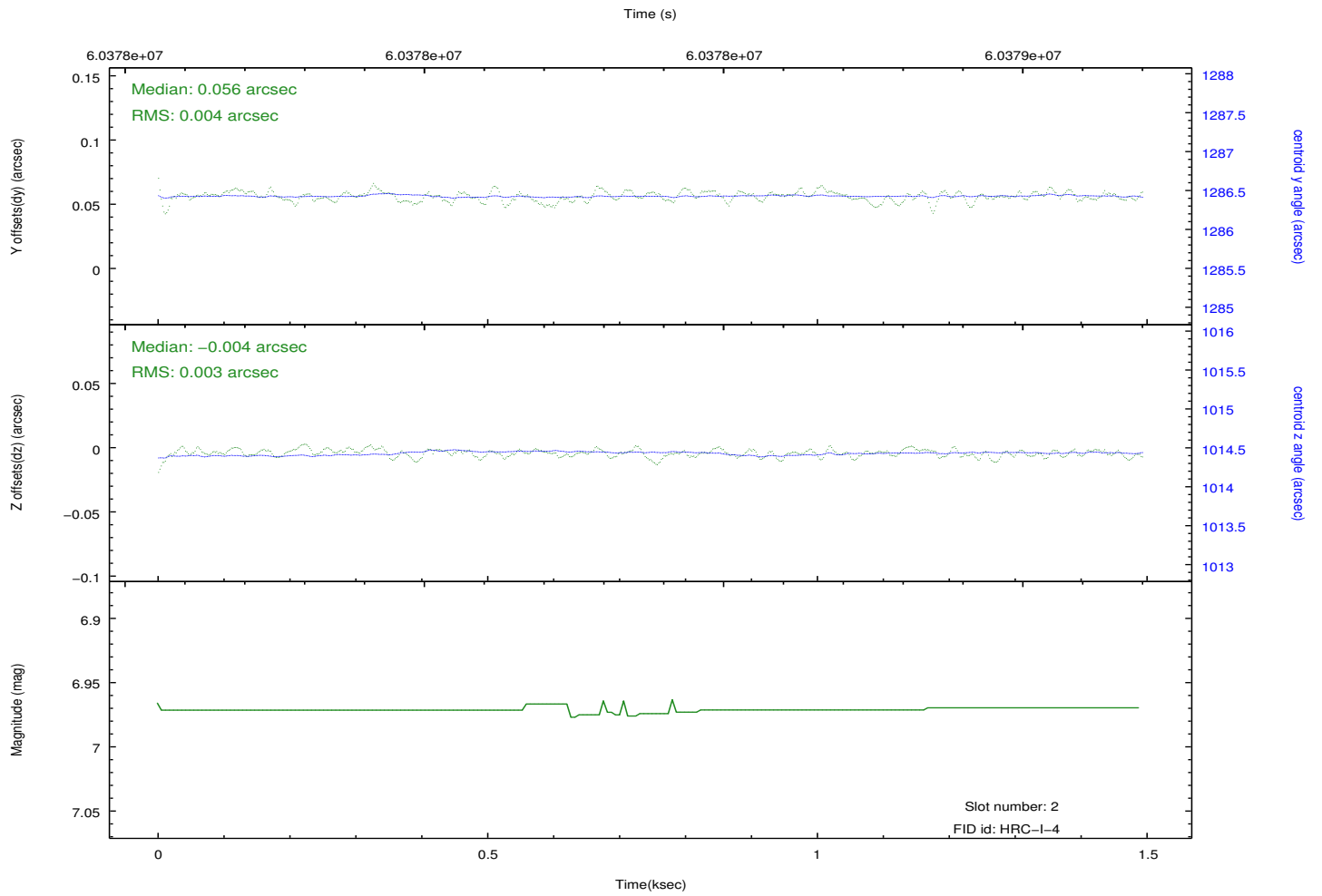
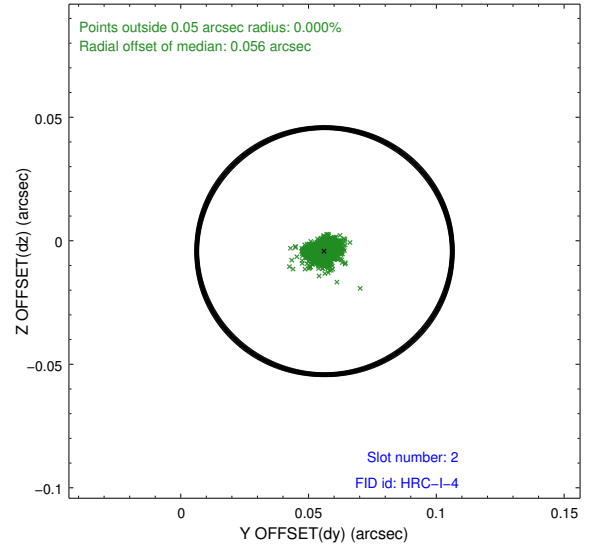
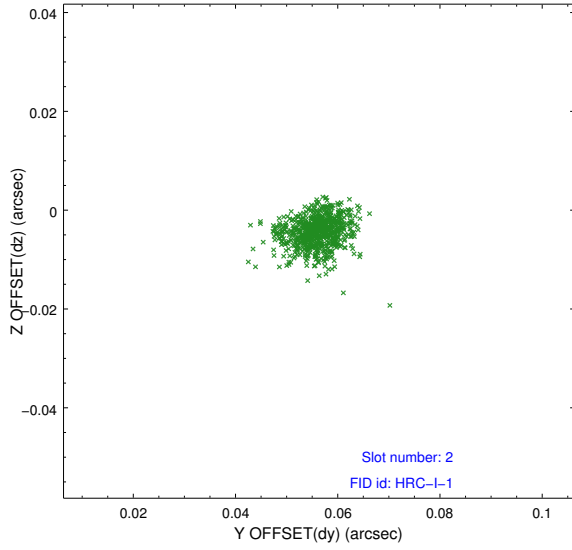
2.5.1 Slot 0



2.5.2 Slot 1

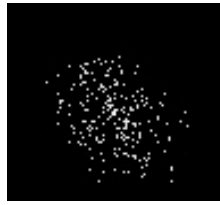


2.5.3 Slot 2



3 Point Sources

10.93 arcmin



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.276

A.2 Comments