

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6531 - L2 Version 4
Chandra X-Ray Center

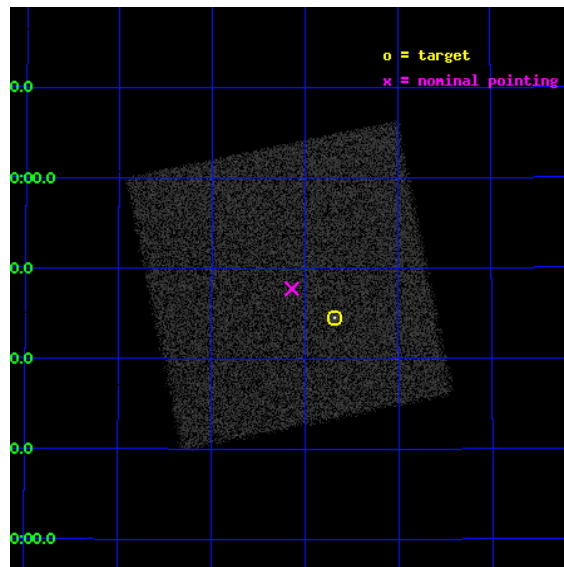
L2 Processing Date : Aug 11 2012

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

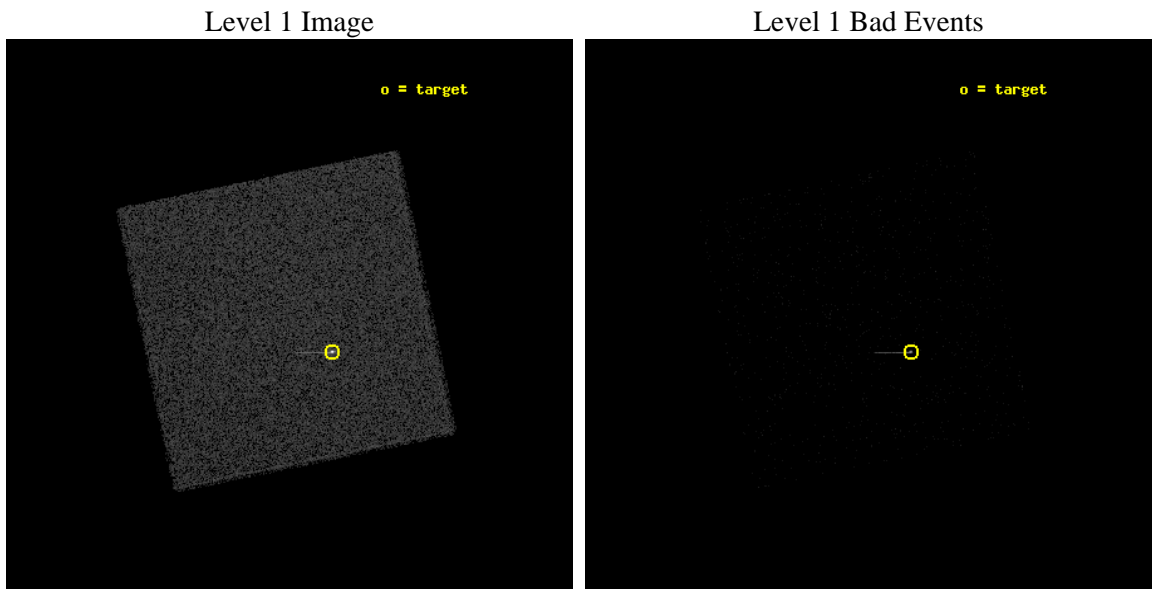
seq_num	290624	Sequence number
obs_id	6531	Observation id
title	AO7 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.28490192594	Nominal RA [deg]
dec_nom	45.795894223923	Nominal Dec [deg]
roll_nom	213.375749964	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1182.0813056231	[s]
livetime	1171.1725229158	Ontime multiplied by DTCOR
l2events	63394	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	1182.0813056231	[s]
caldbver	4.5.1.1	 	l1events	117457	Number of level 1 events
date	2012-08-11T12:26:00	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

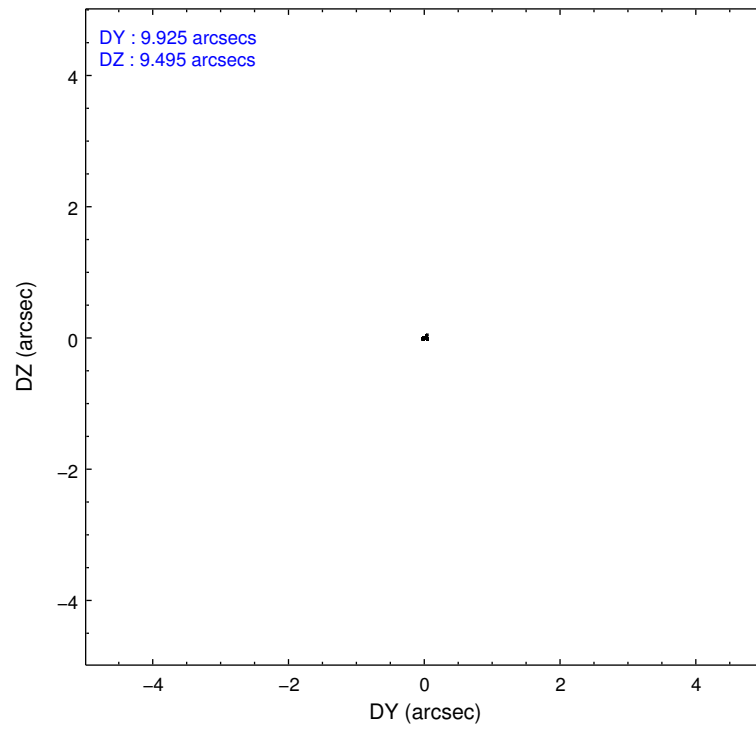
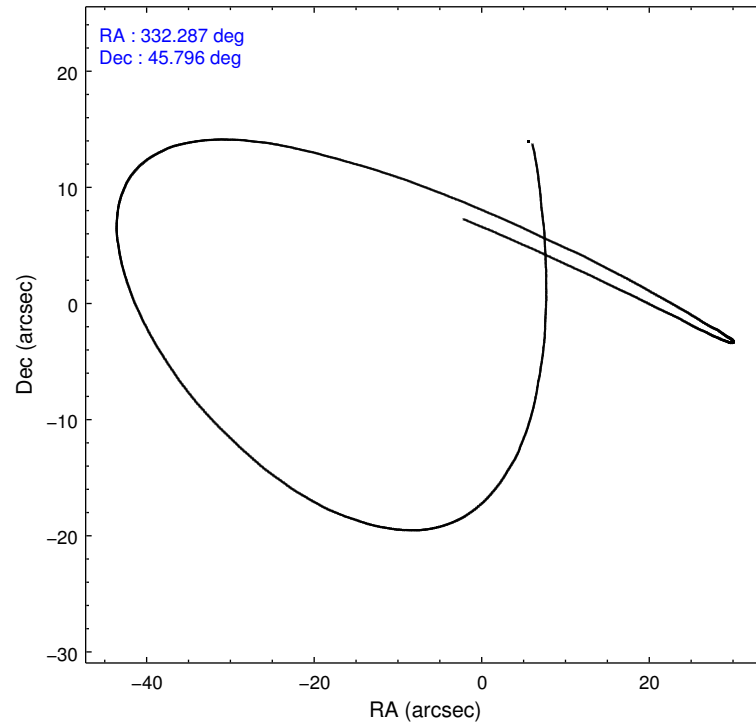
	segment 0
level 1 events	117457
rejected events	25394
rejected %	21%

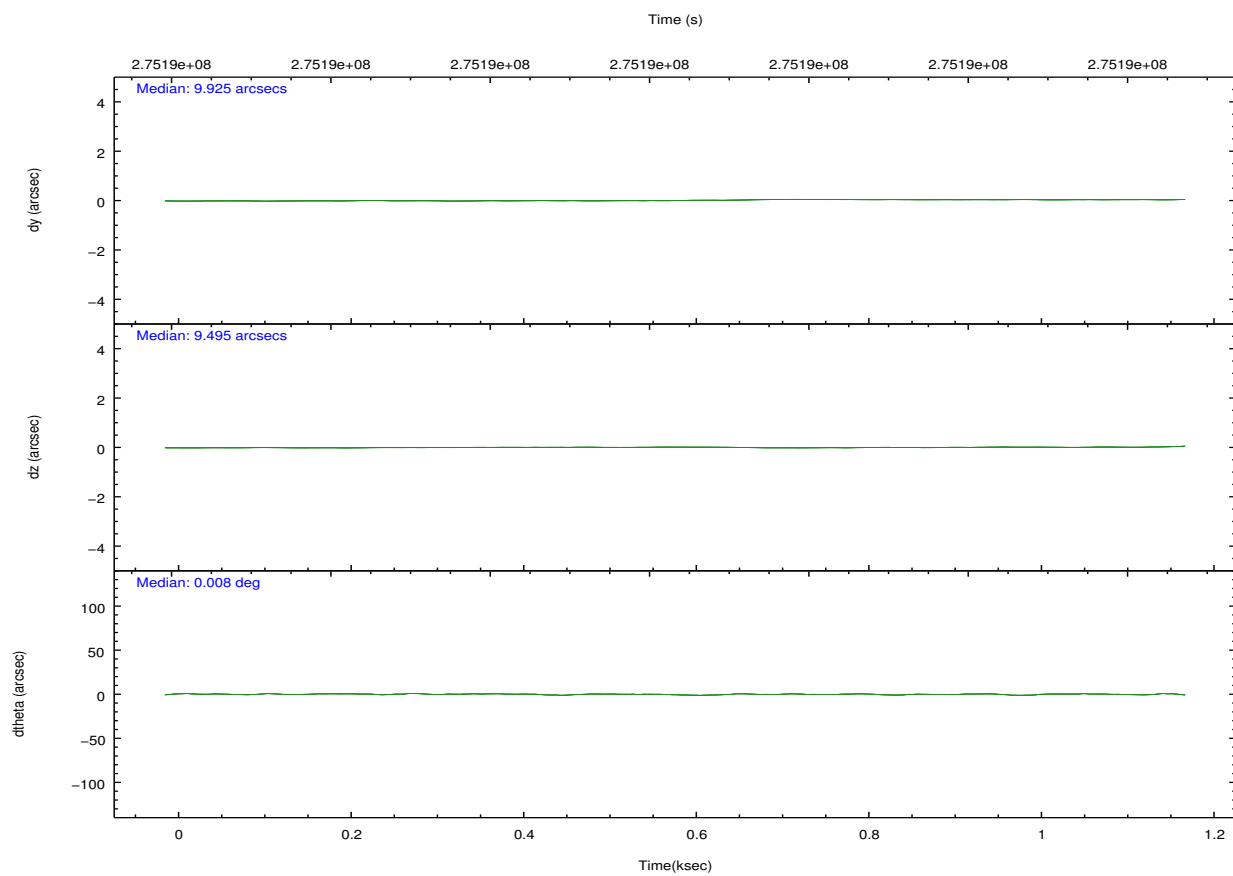
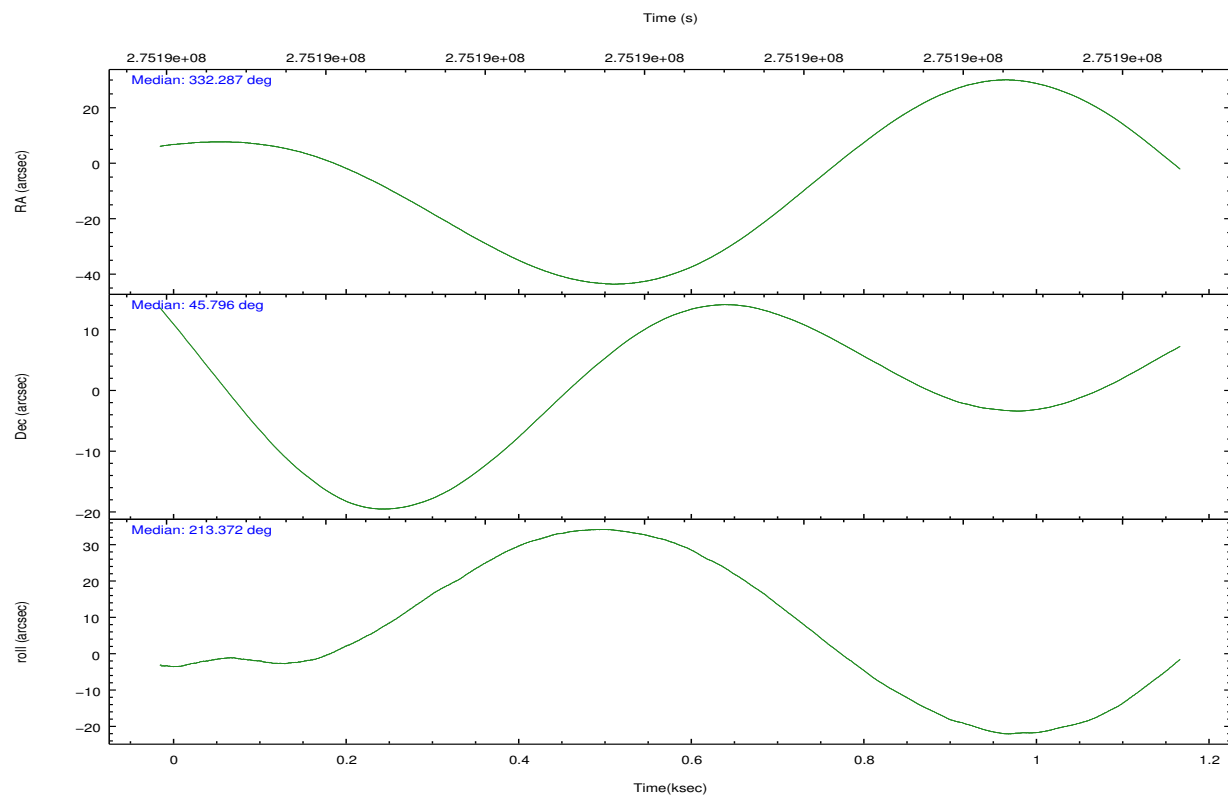
2.2 Compared Parameters

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	332.300274	332.284901925944
[deg] Pointing Dec	45.821254	45.79589422392251
[deg] Pointing Roll	213.460141	213.3757499639967
[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)	275188422.184000	275188045.8392
Observation start date	2006-09-21T01:12:37	2006-09-21T01:07:25
[s] Observation end time (MET)	275189422.184000	275189556.17677
Observation end date	2006-09-21T01:29:17	2006-09-21T01:32:36

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

2.3 Aspect



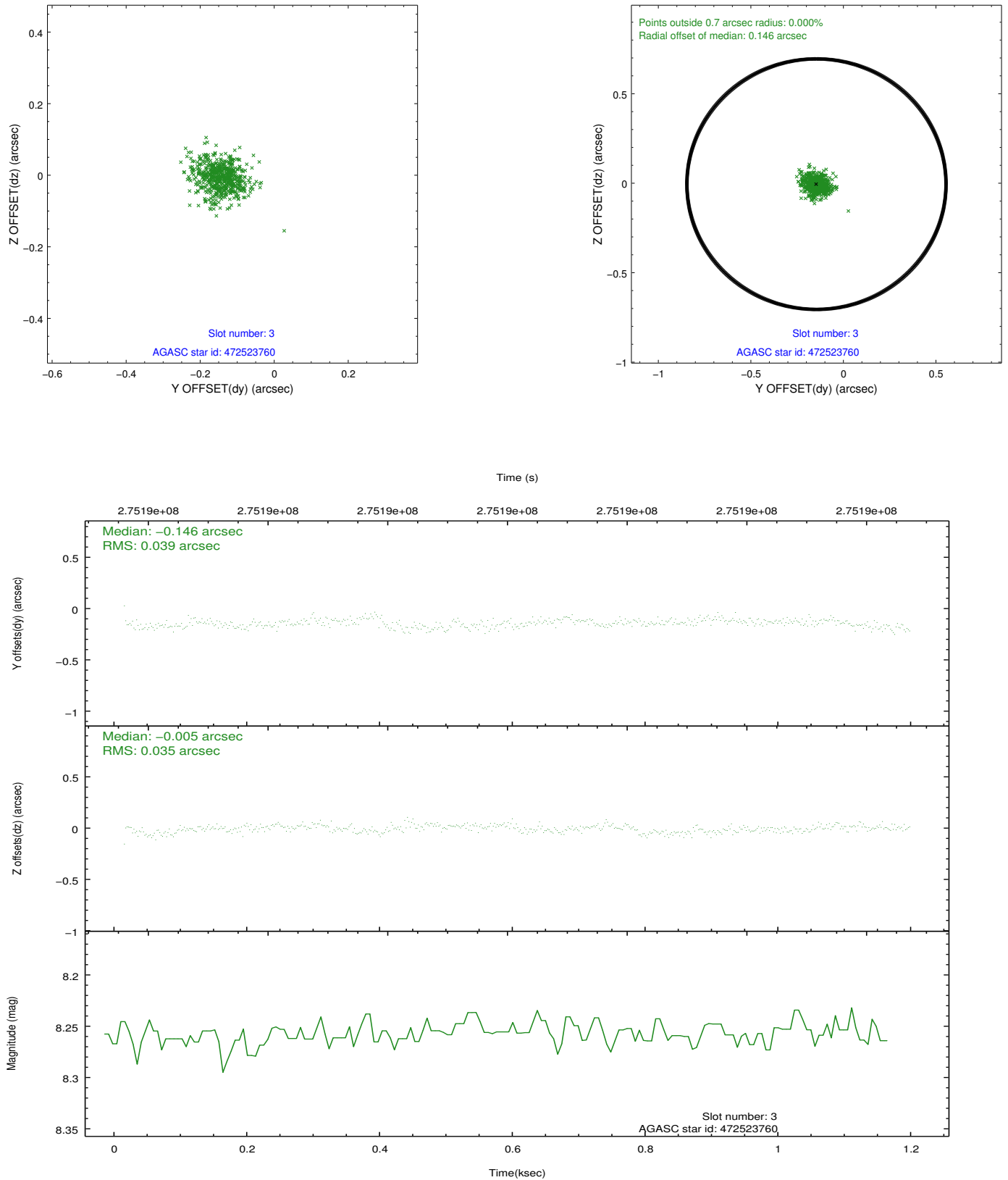


Slot Statistics

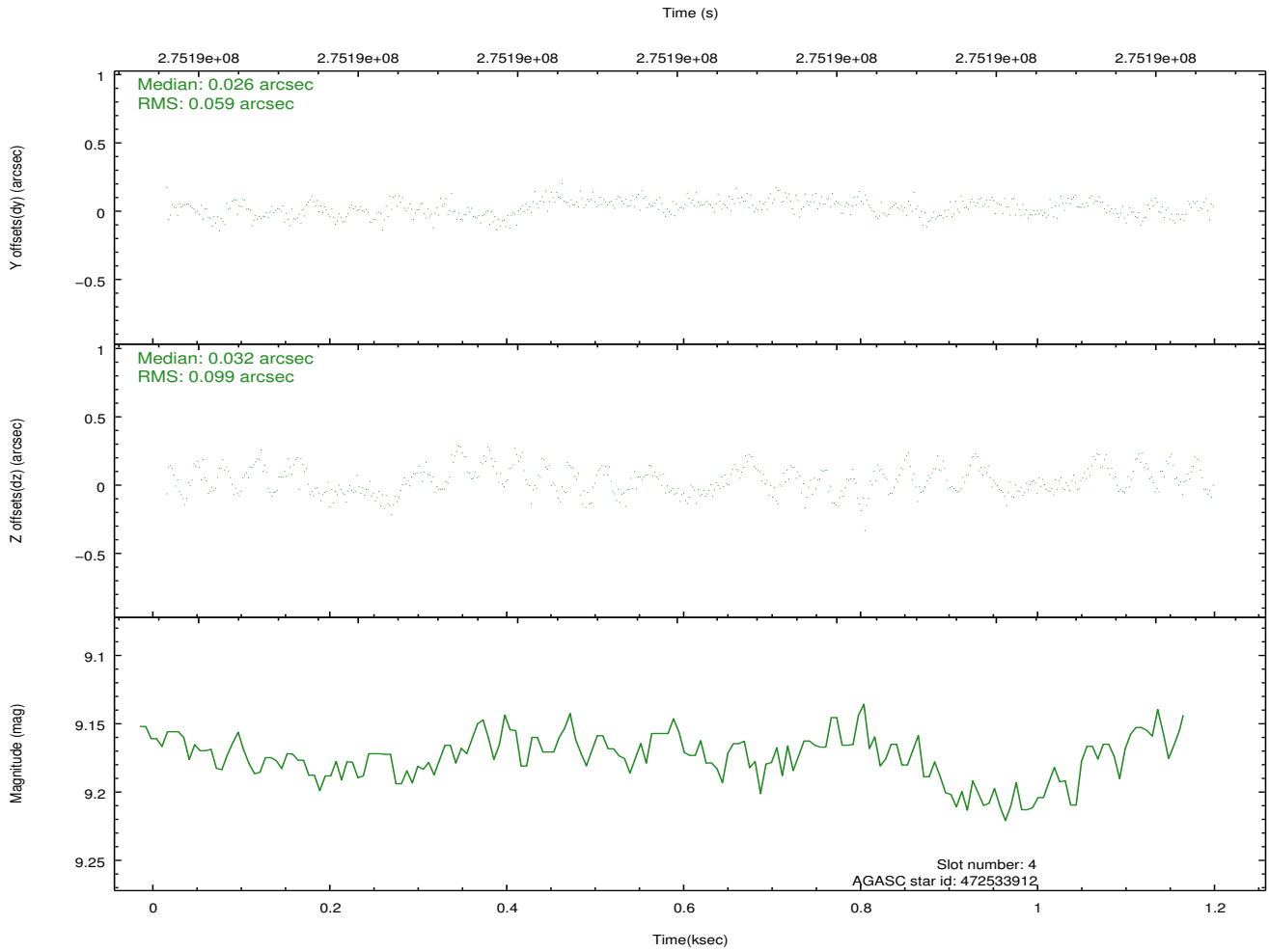
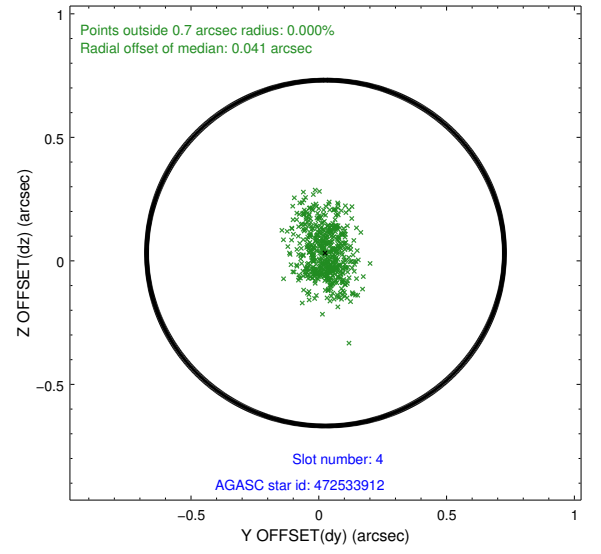
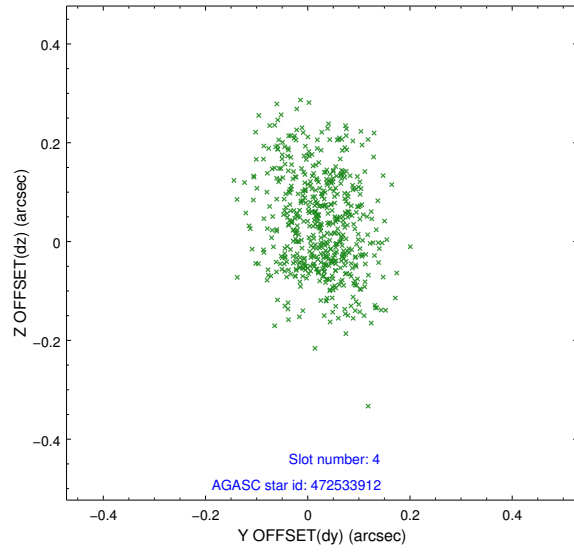
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	289	-0.018	0.035	0.007	0.013	0.000000	0.000000	-765.61	-1297.39
1	FID	HRC-I-2	7.00	289	0.127	-0.077	0.006	0.011	0.000000	0.000000	844.52	-1303.54
2	FID	HRC-I-3	7.07	289	0.011	-0.048	0.006	0.011	0.000000	0.000000	-1191.16	1002.58
3	GUIDE	472523760	8.26	578	-0.146	-0.005	0.056	0.092	331.645363	45.403260	2208.24	333.13
4	GUIDE	472533912	9.17	578	0.026	0.032	0.119	0.198	331.791136	46.368695	-28.40	-2348.27
5	GUIDE	472655152	9.43	578	0.024	-0.171	0.121	0.202	332.504239	45.862991	-508.45	147.84
6	GUIDE	472663080	9.41	578	0.064	0.086	0.104	0.174	332.652741	46.473840	-2024.84	-1483.55
7	GUIDE	472665256	9.02	577	0.034	0.061	0.083	0.139	332.808125	46.195041	-1802.05	-434.84

2.4 Star Slots

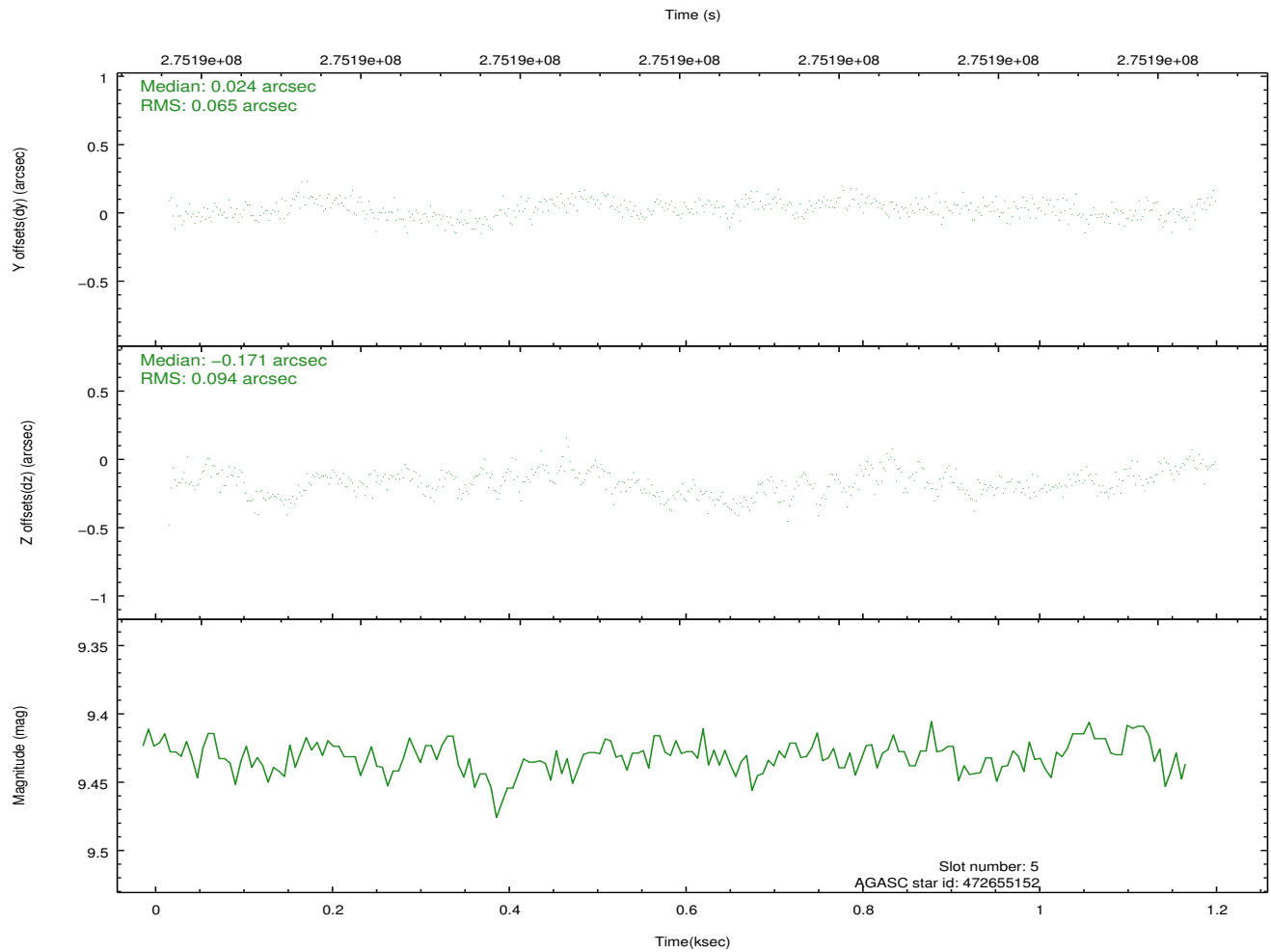
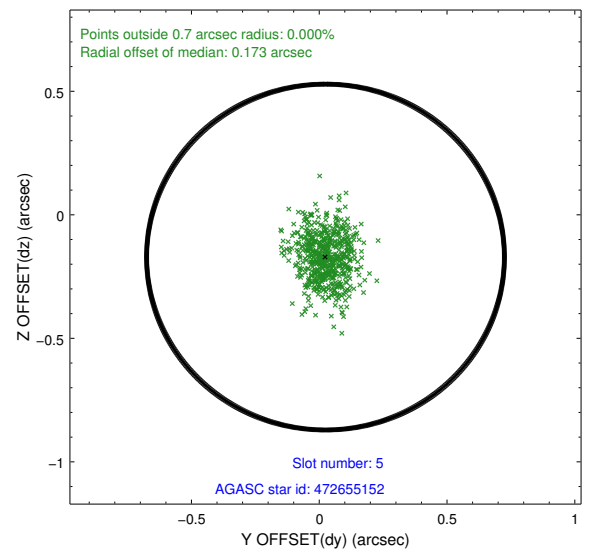
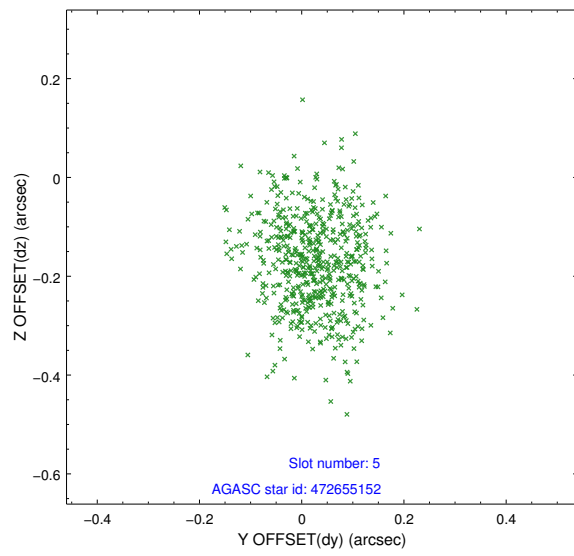
2.4.1 Slot 3



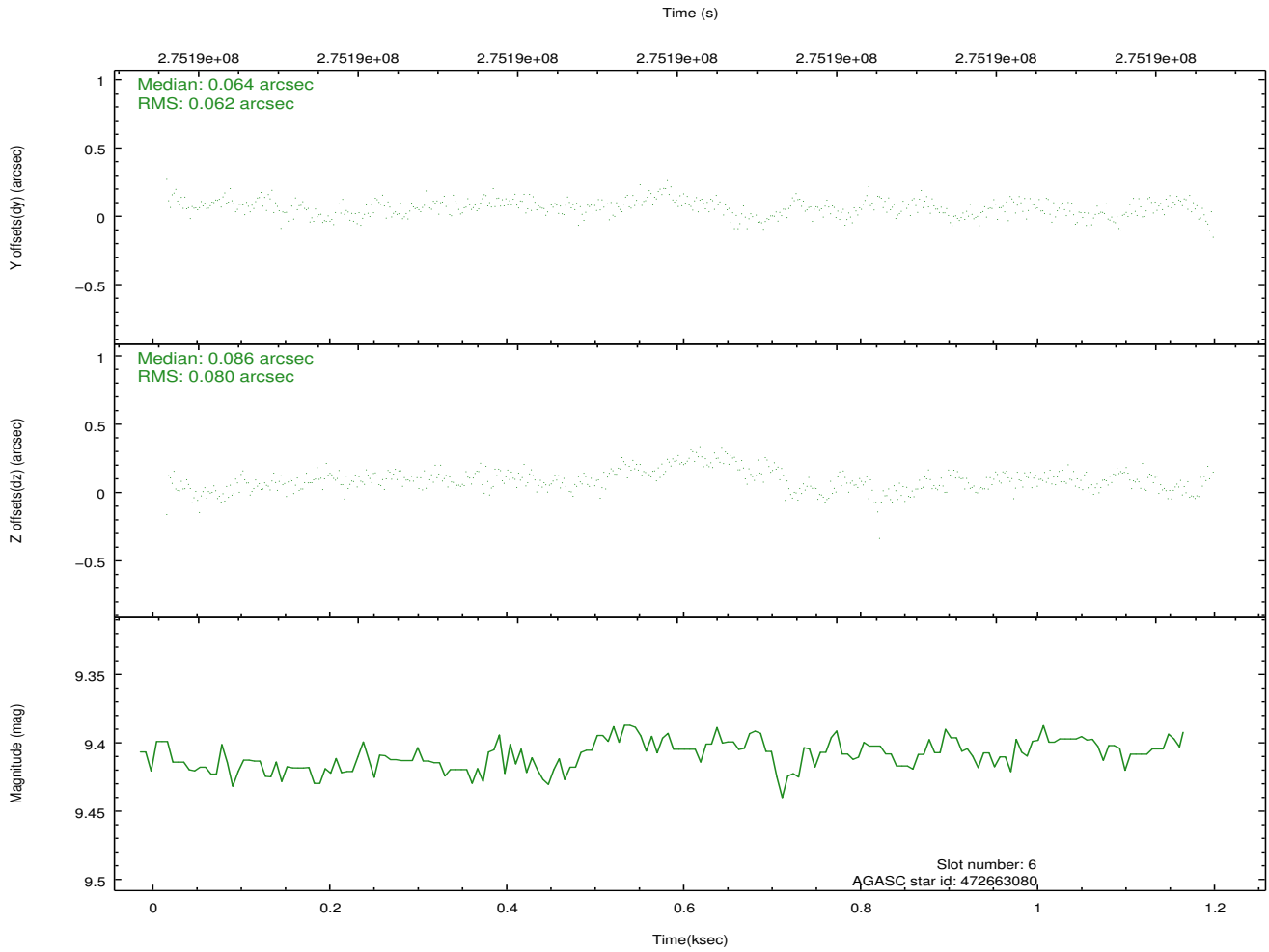
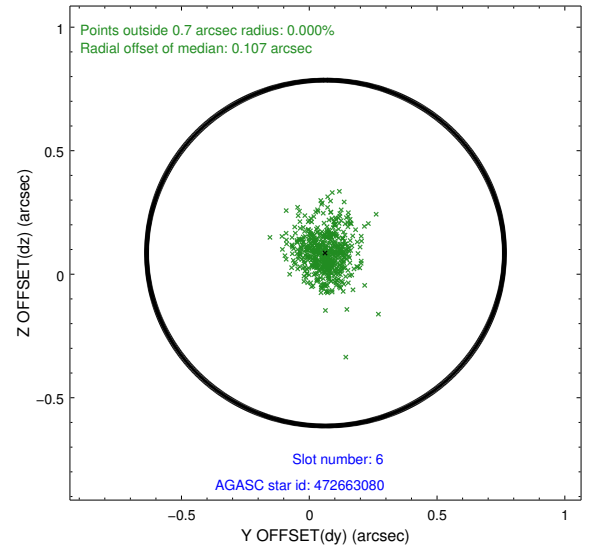
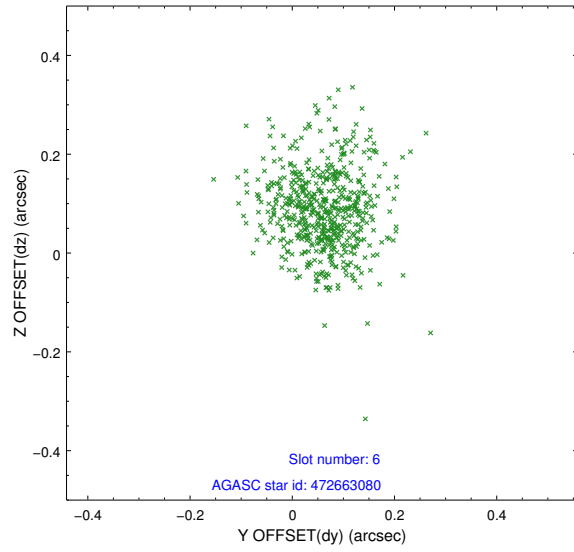
2.4.2 Slot 4



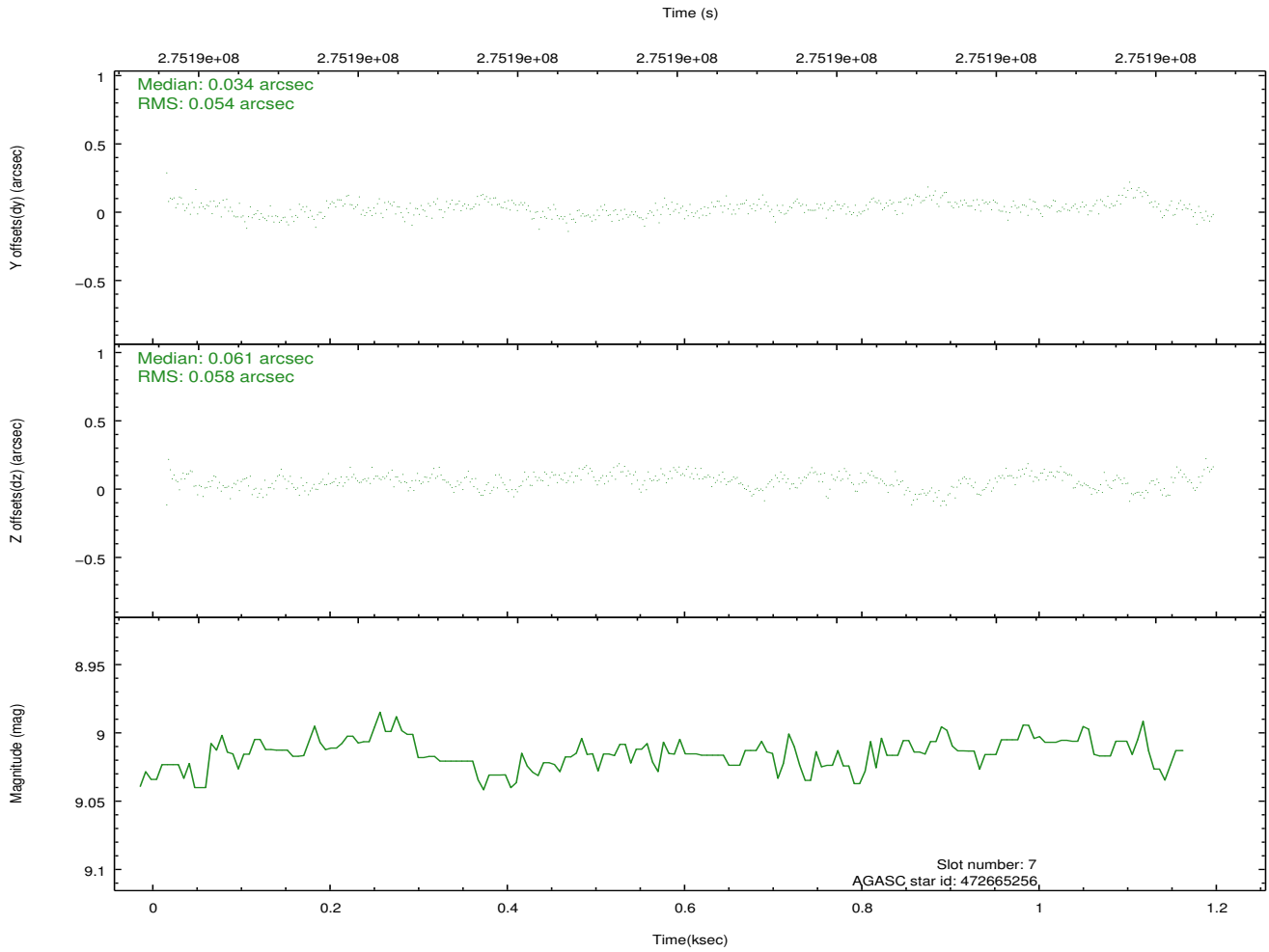
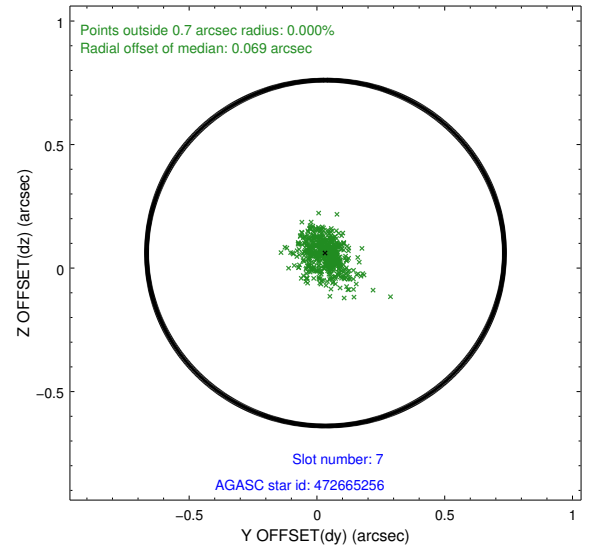
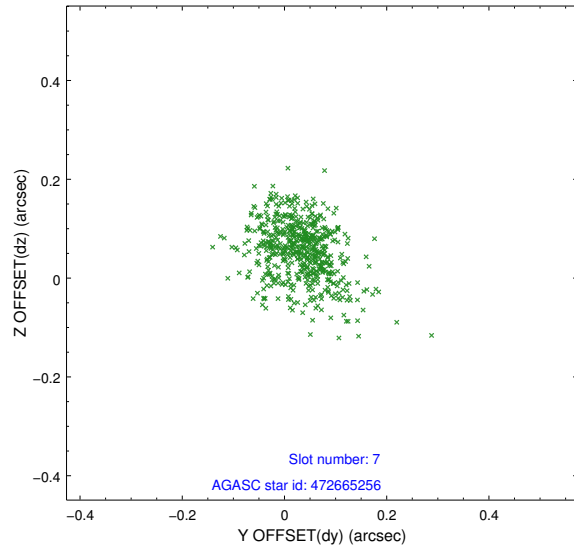
2.4.3 Slot 5



2.4.4 Slot 6

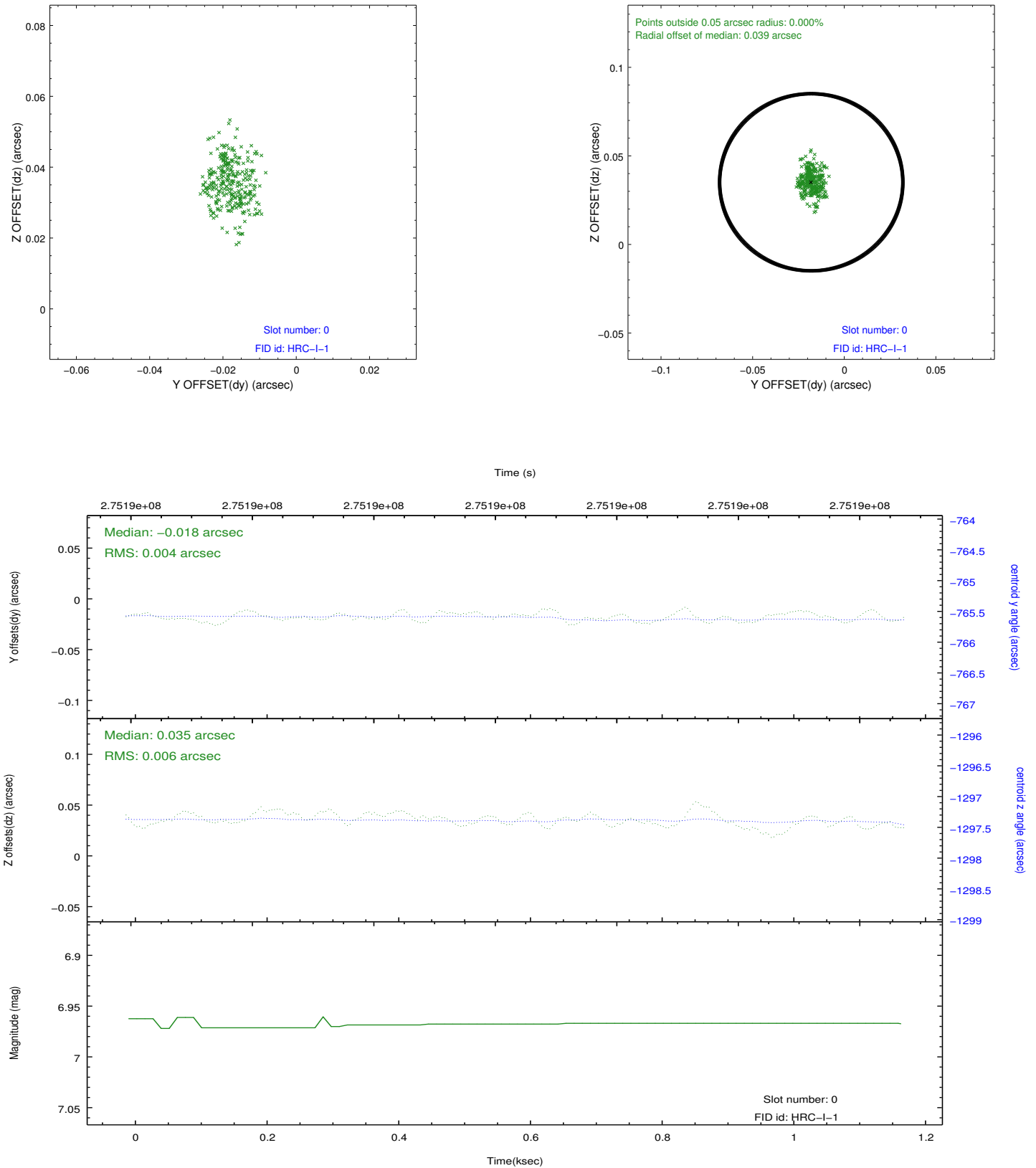


2.4.5 Slot 7

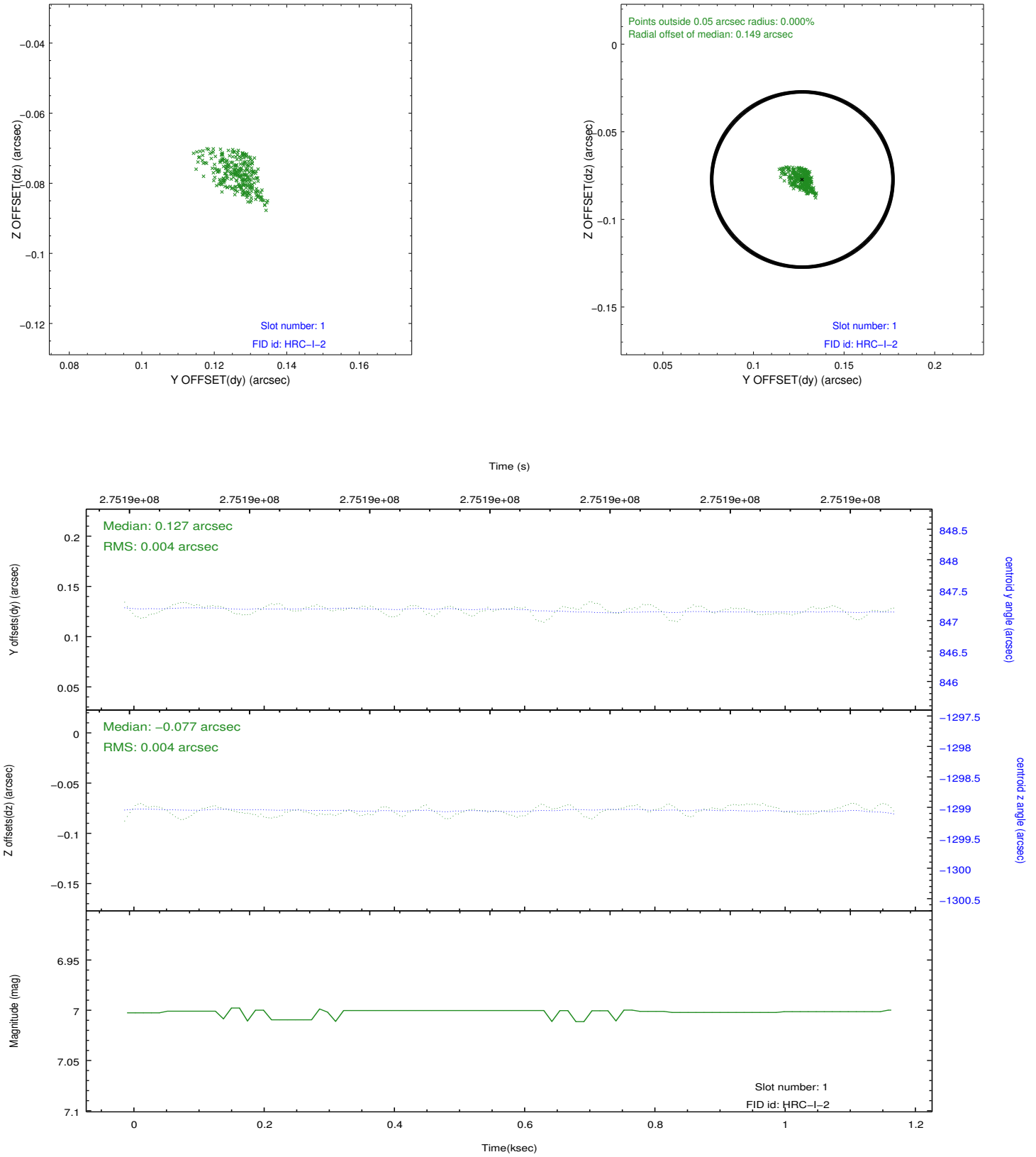


2.5 FID Slots

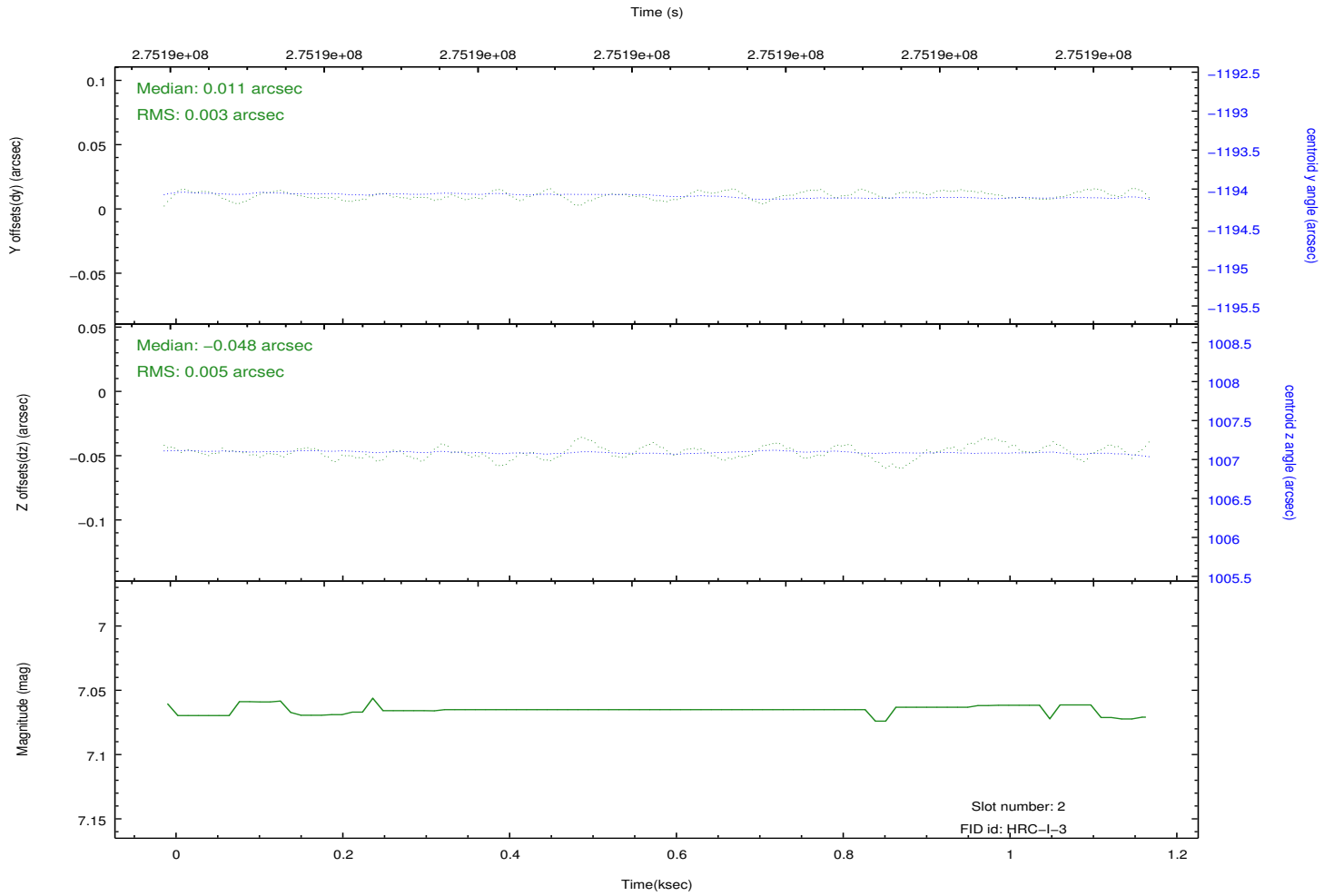
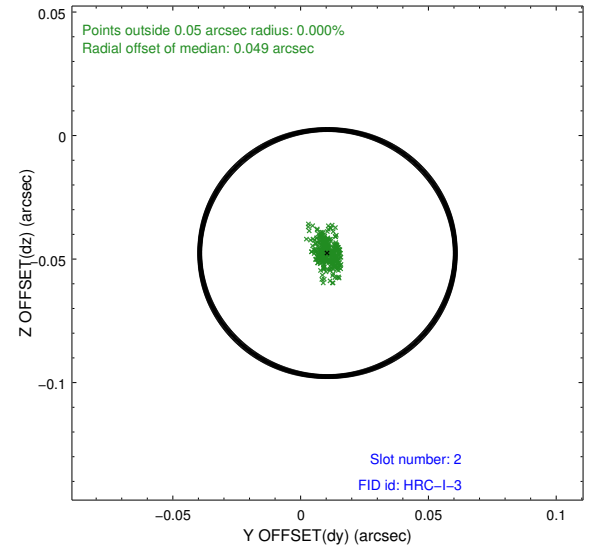
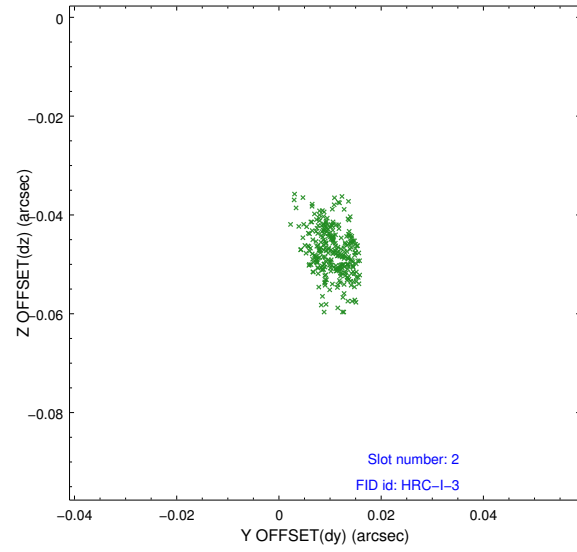
2.5.1 Slot 0



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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813

A.2 Comments