

V&V Reference Report

L2 ASCDS Version : 8.1.1

Observation 1486 - L2 Version 5

Chandra X-Ray Center

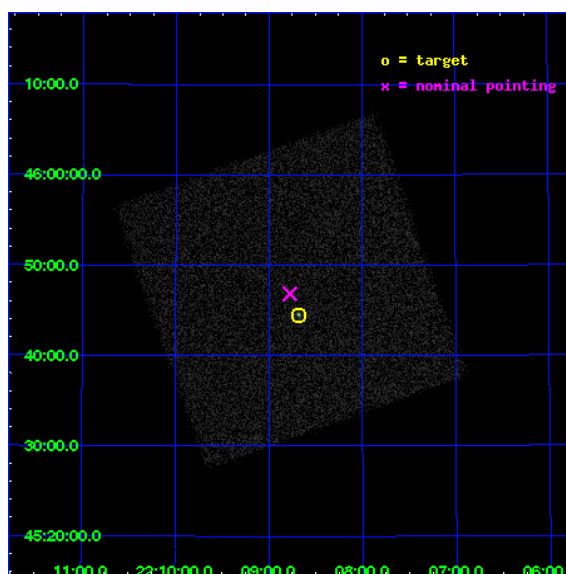
L2 Processing Date : Nov 25 2009

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
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

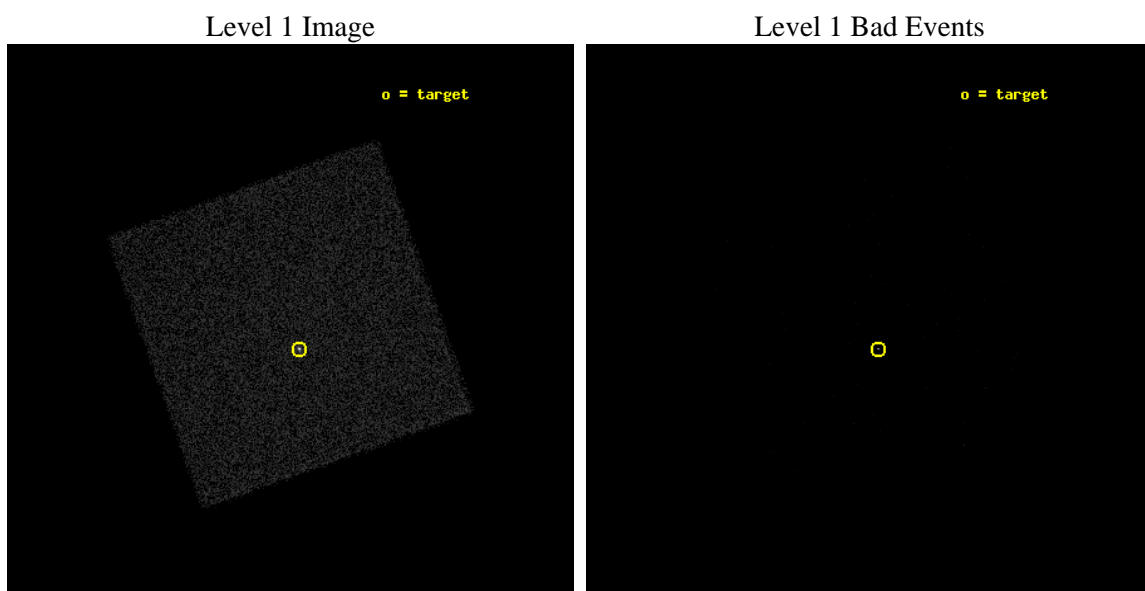
seq_num	280436	Sequence number
obs_id	1486	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.19371470822	Nominal RA
dec_nom	45.781027720792	Nominal Dec
roll_nom	295.31474897592	Nominal Roll
revision	5	Processing version of data
ontime	1212.8312928975	[s]
livetime	1204.9080407451	Ontime multiplied by DTCOR
l2events	41800	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	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	1212.8312938958	[s]
caldbver	4.1.4	 	l1events	63599	Number of level 1 events
date	2009-11-25T11:34:14	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

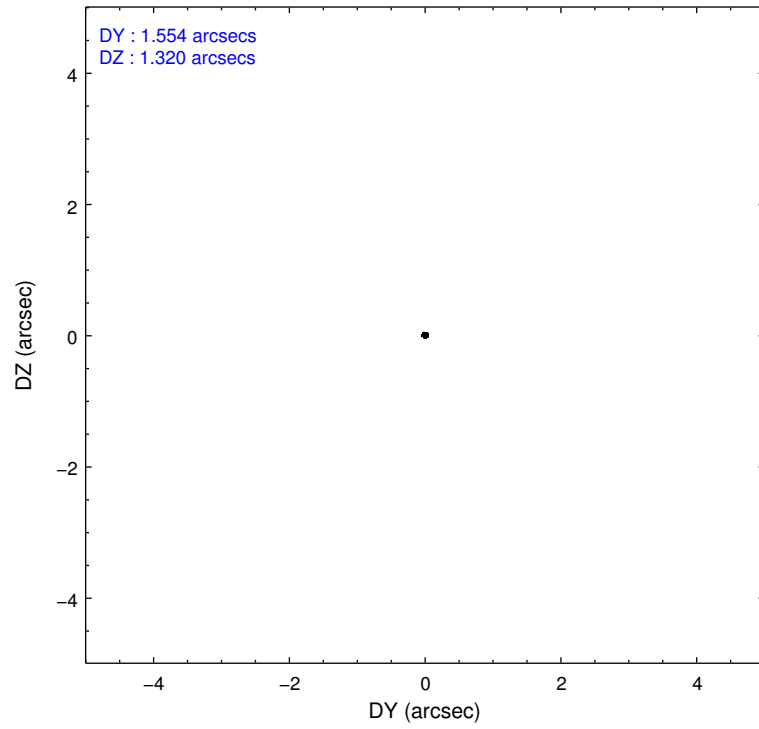
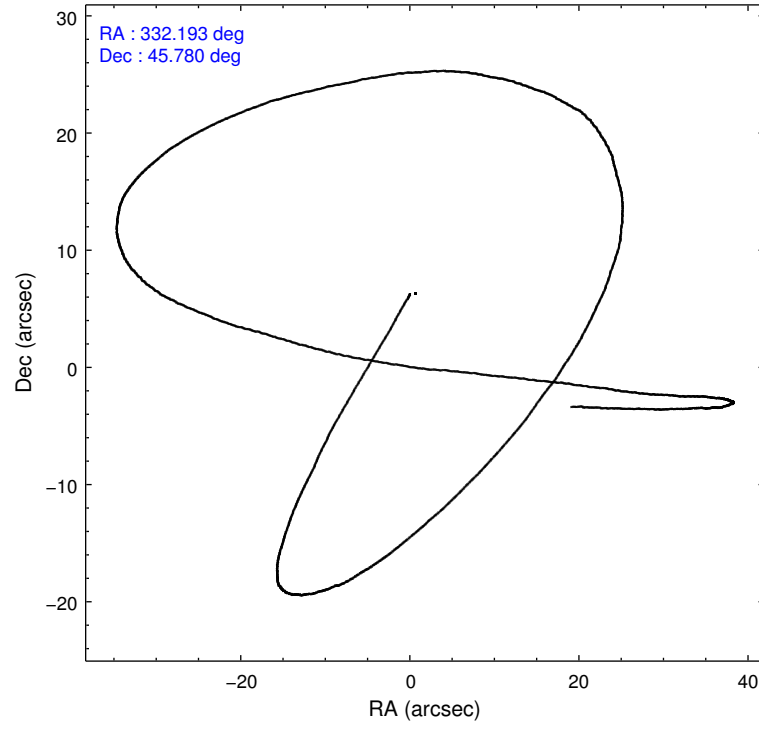
	segment 0
level 1 events	63599
rejected events	2631
rejected %	4%

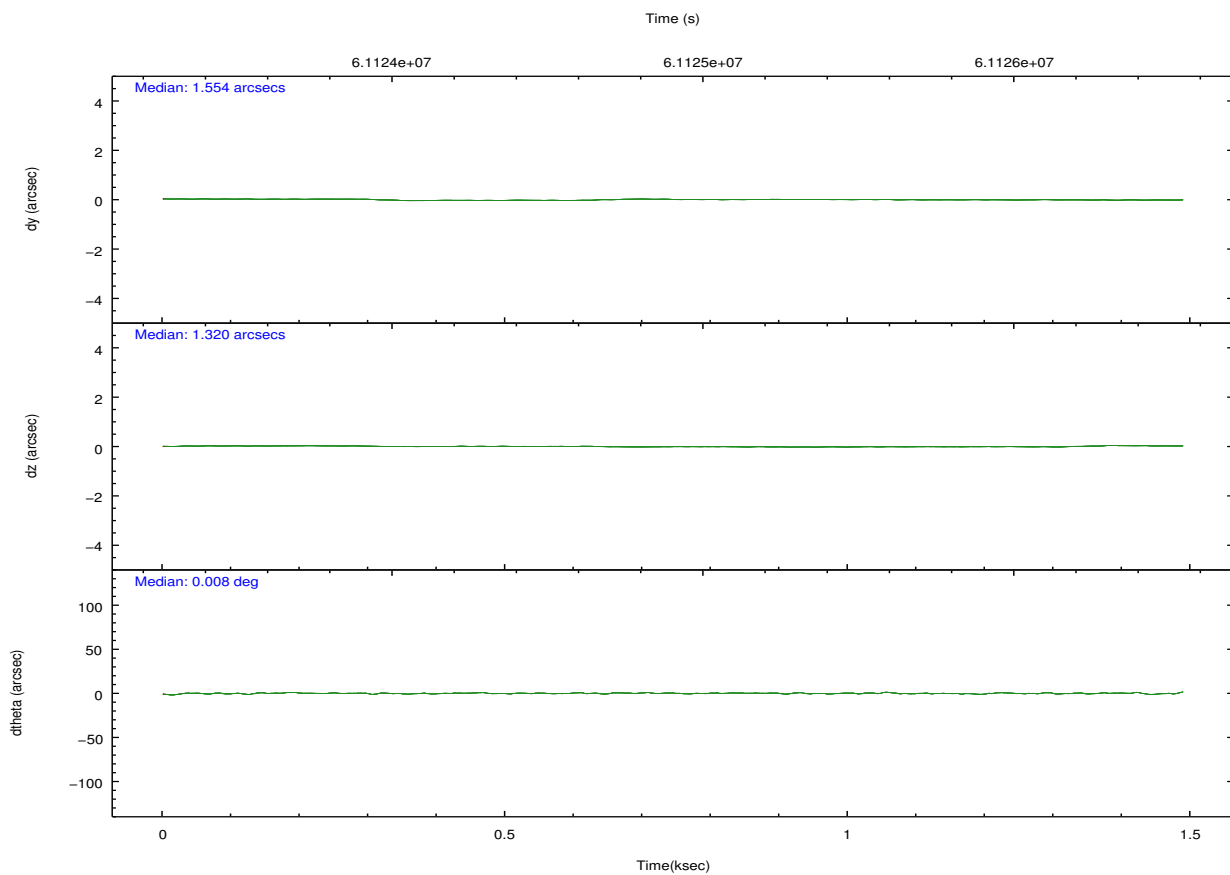
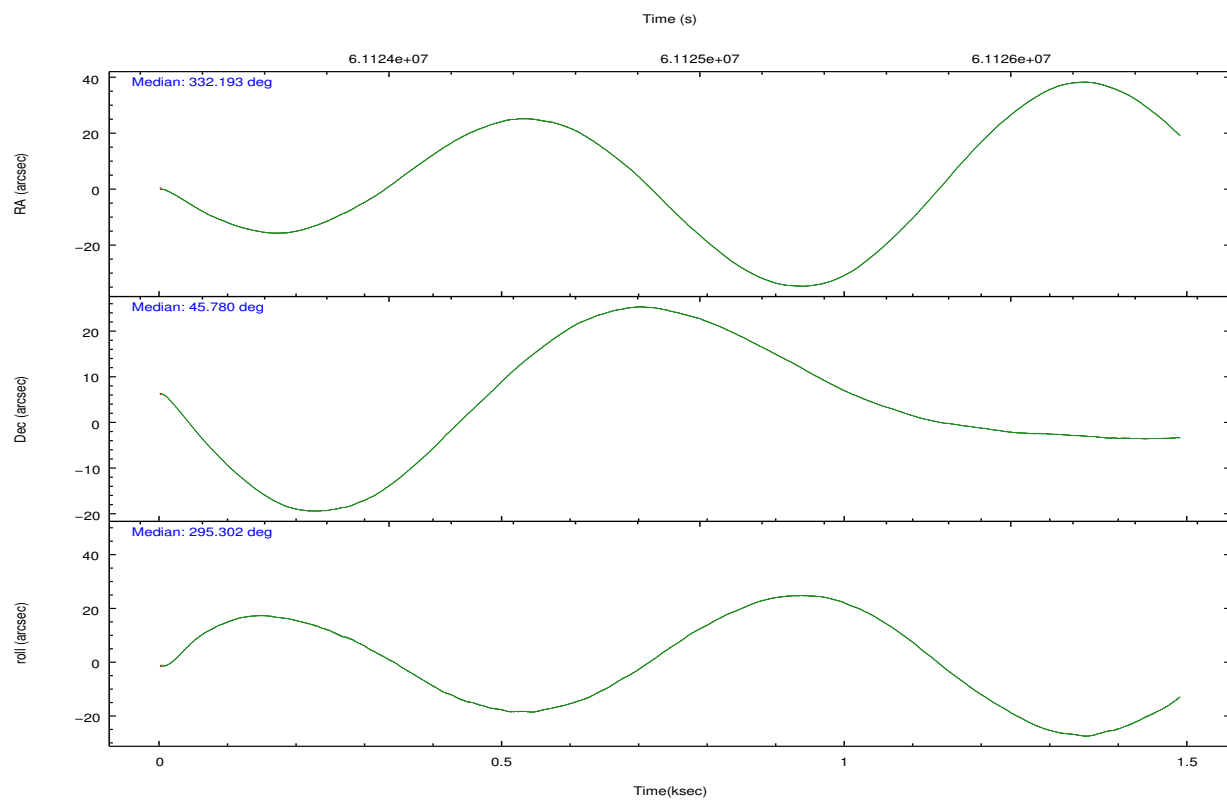
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	332.160553	332.1937147082244
Pointing Dec	45.797452	45.7810277207918
Pointing Roll	295.434032	295.3147489759233
SIM focus pos (mm)	-1.040293	-1.038866356238299
SIM defocus (mm)	0	0.001426264420575141
SIM translation stage pos (mm)	126.985494	126.9854943052878
SIM translation stage offset (mm)	0	-5.413686238853188e-06
Observation start time	61124699.184000	61124033.002334
Observation start date	1999-12-09T11:03:55	1999-12-09T10:53:53
Observation end time	61125699.184000	61125832.9024
Observation end date	1999-12-09T11:20:35	1999-12-09T11:23:52

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

2.3 Aspect



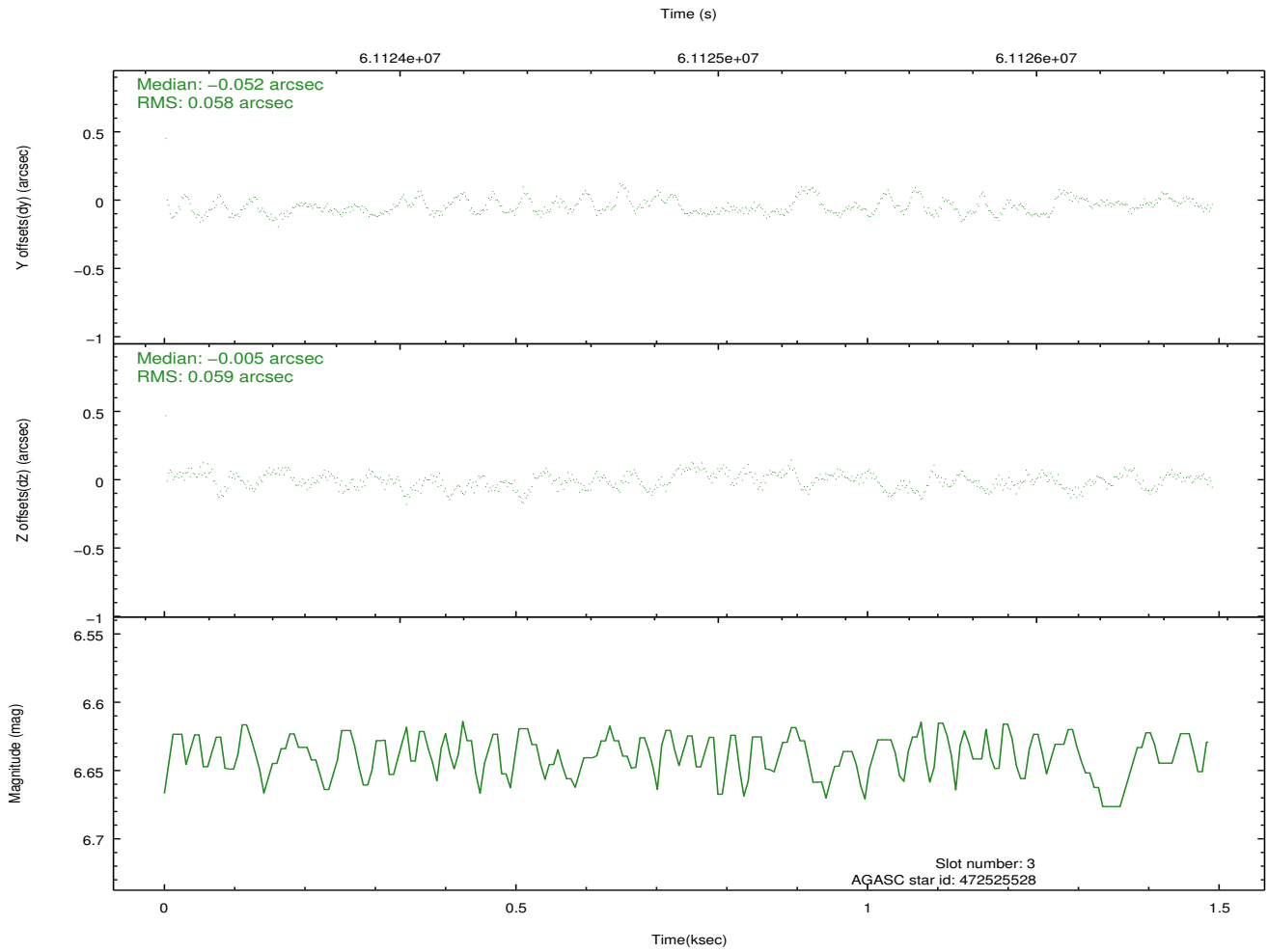
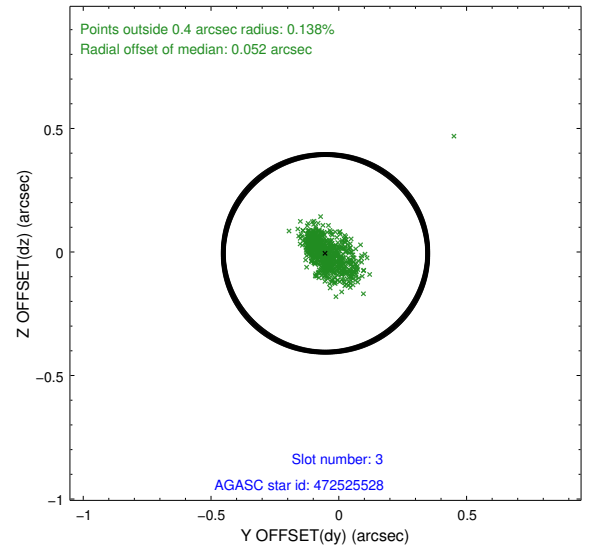
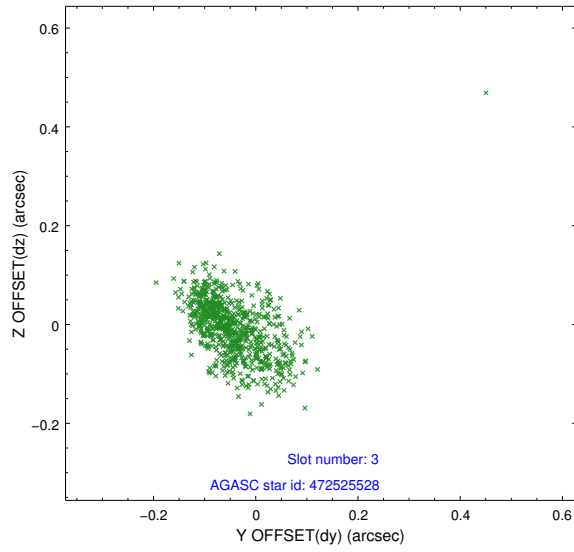


Slot Statistics

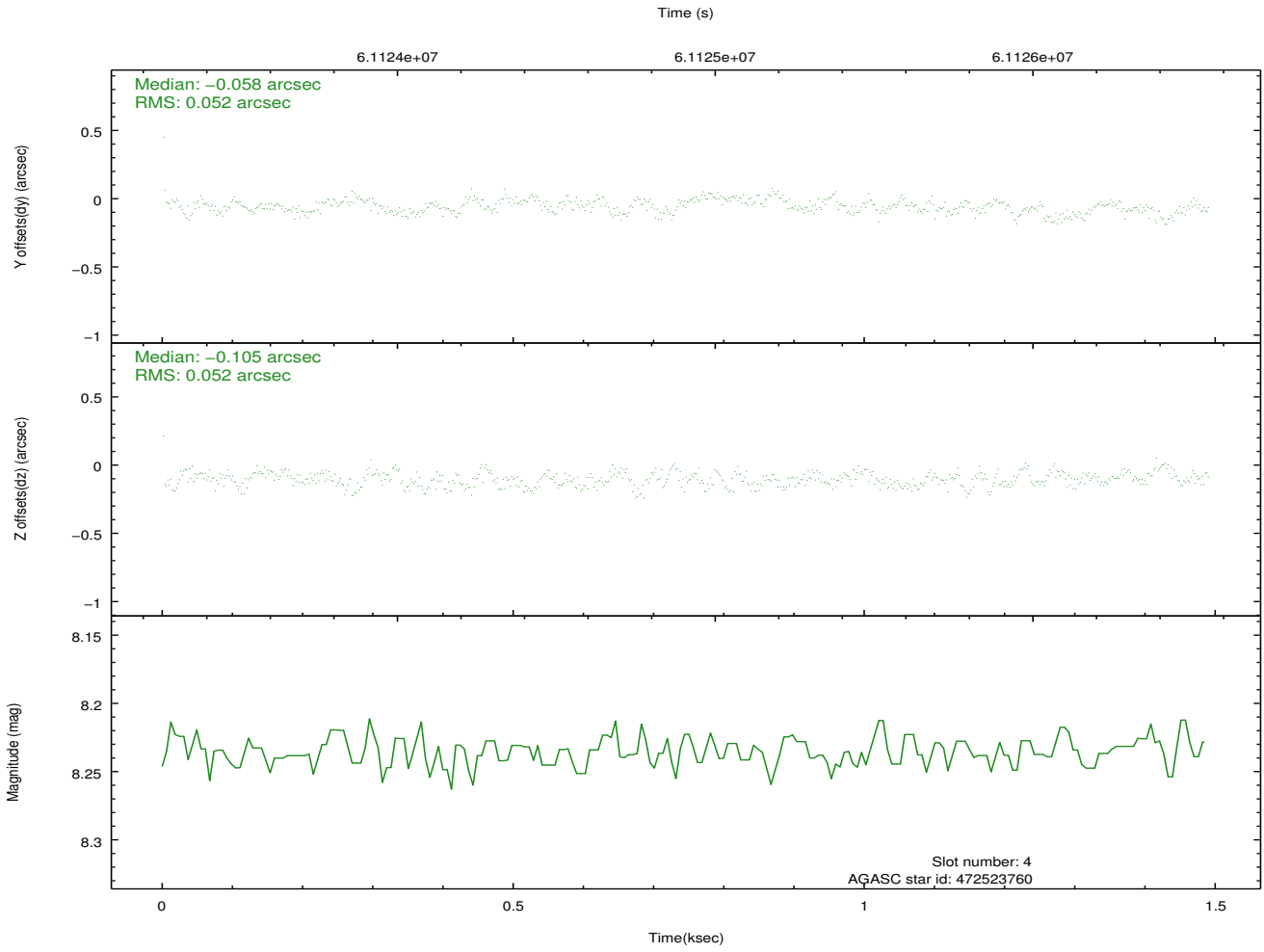
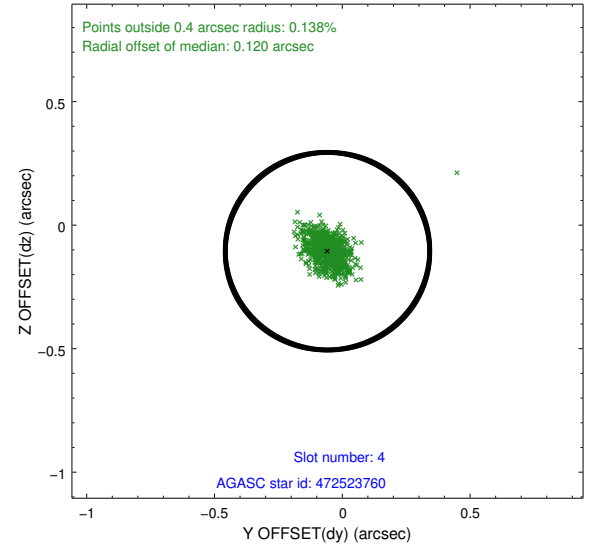
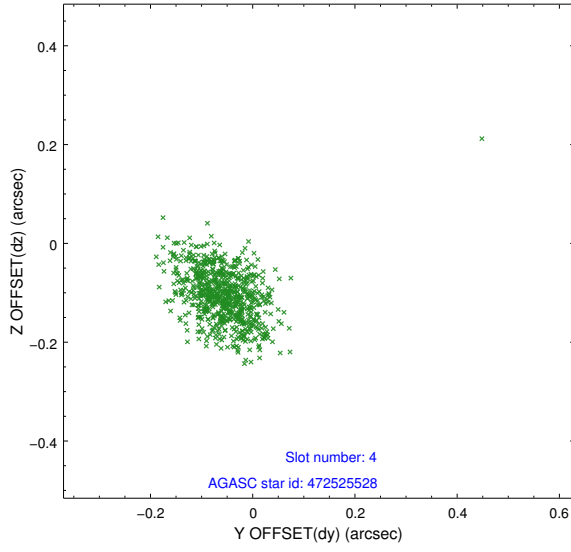
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	727	0.017	-0.050	0.006	0.010	0.000000	0.000000	-756.97	-1289.11
1	FID	HRC-I-3	7.05	727	0.042	-0.031	0.007	0.011	0.000000	0.000000	-1186.48	1013.70
2	FID	HRC-I-4	6.99	727	0.055	-0.008	0.005	0.008	0.000000	0.000000	1284.22	1014.50
3	GUIDE	472525528	6.64	727	-0.052	-0.005	0.084	0.140	331.551102	45.248694	1112.72	-2240.61
4	GUIDE	472523760	8.24	727	-0.058	-0.105	0.076	0.122	331.645363	45.403260	717.25	-1786.64
5	GUIDE	472665256	9.02	726	-0.089	-0.021	0.082	0.128	332.808125	46.195041	-608.23	2072.22
6	GUIDE	472659832	9.47	727	0.010	0.119	0.092	0.147	332.780399	46.098139	-322.89	1867.77
7	GUIDE	472655704	9.48	726	0.175	0.012	0.099	0.152	332.167195	45.285228	1669.27	-773.75

2.4 Star Slots

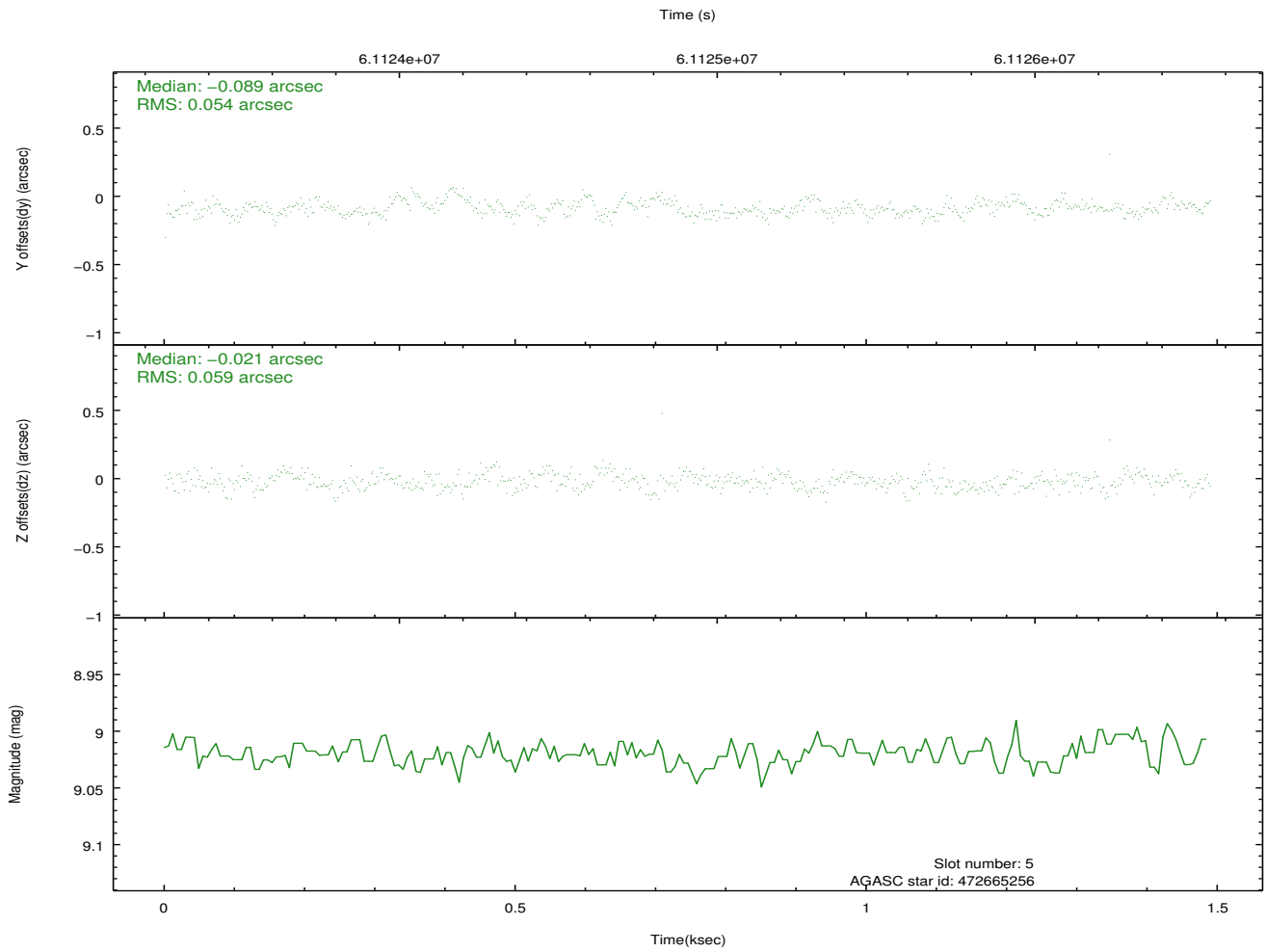
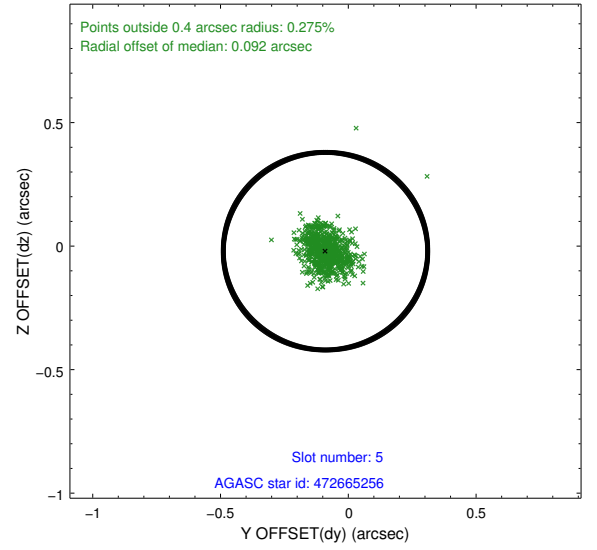
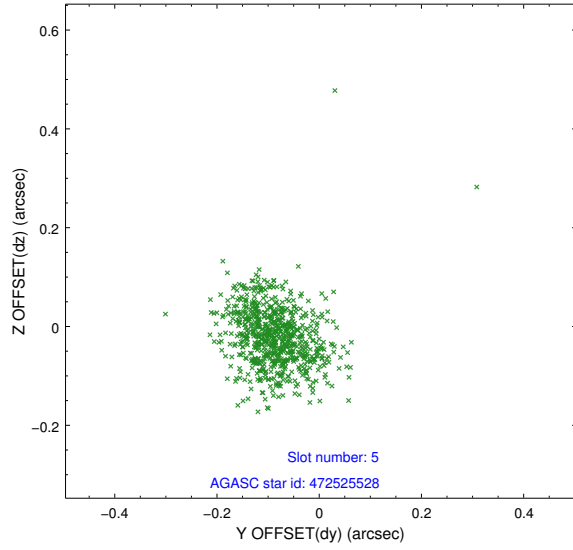
2.4.1 Slot 3



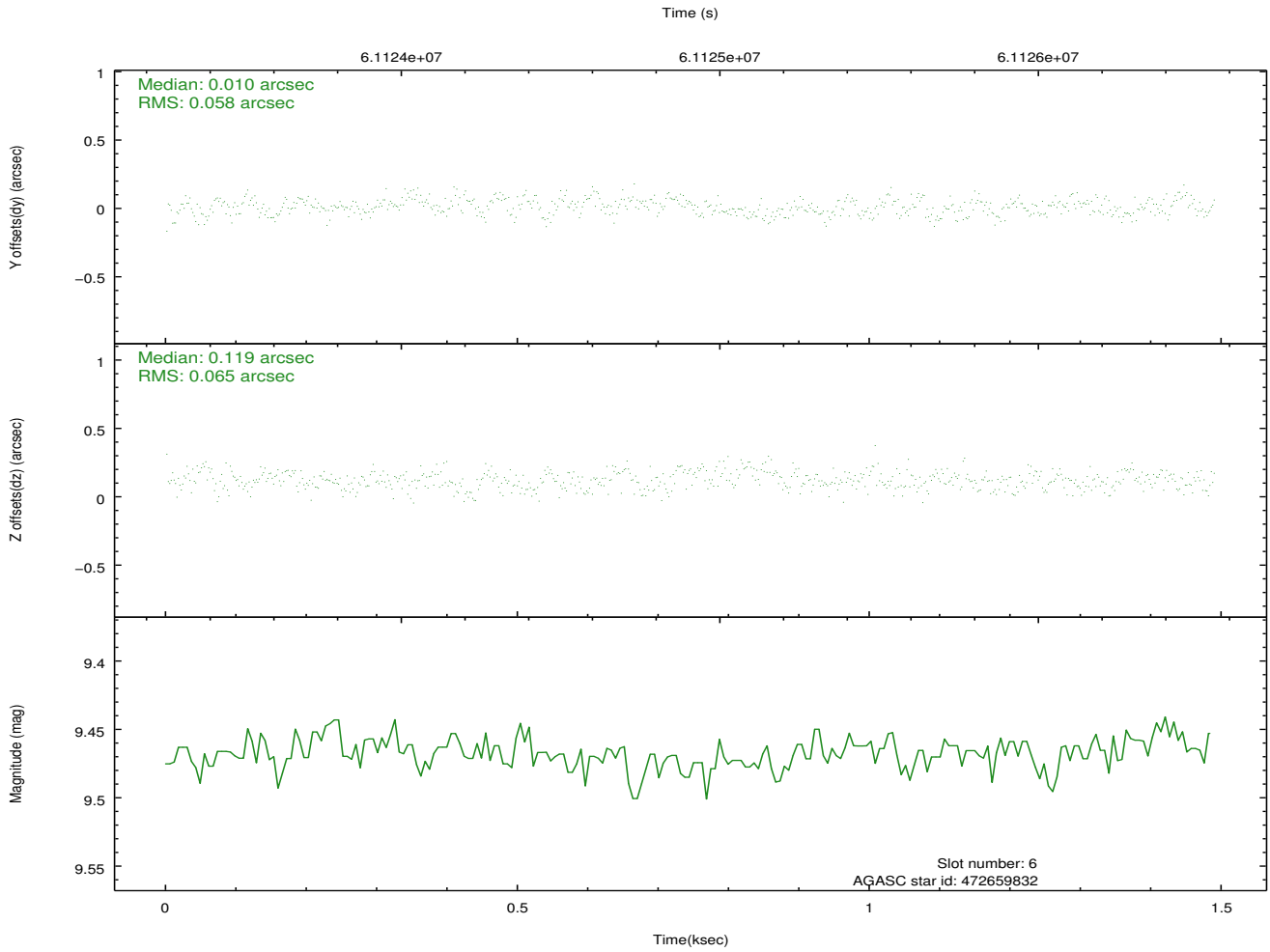
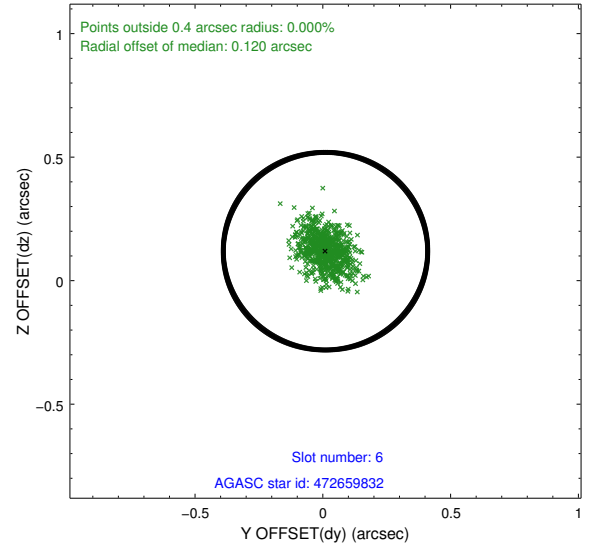
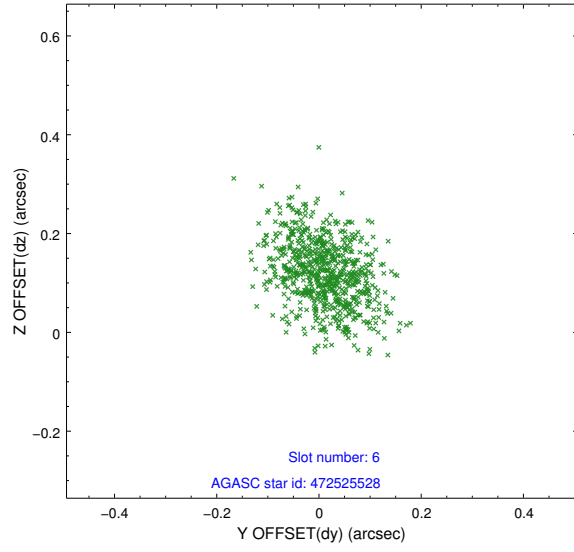
2.4.2 Slot 4



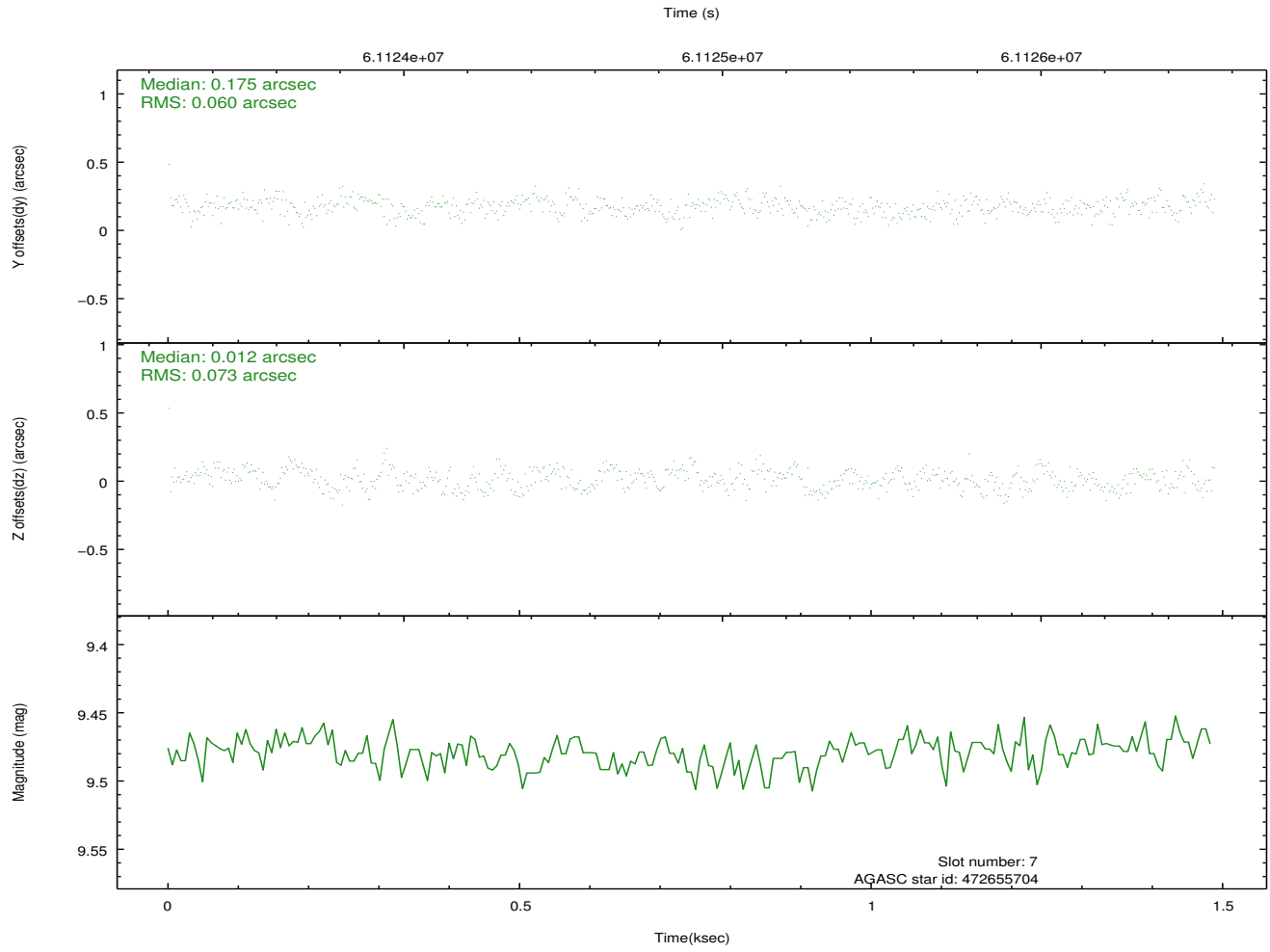
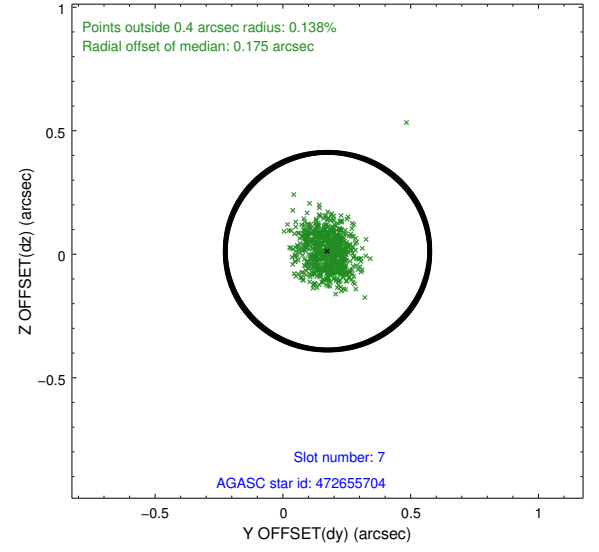
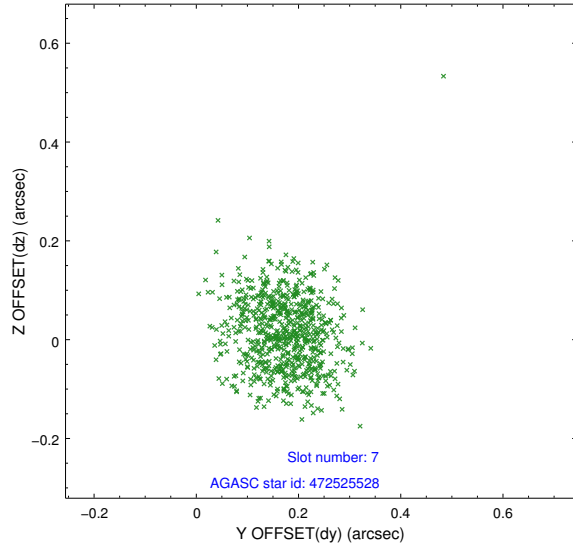
2.4.3 Slot 5



2.4.4 Slot 6

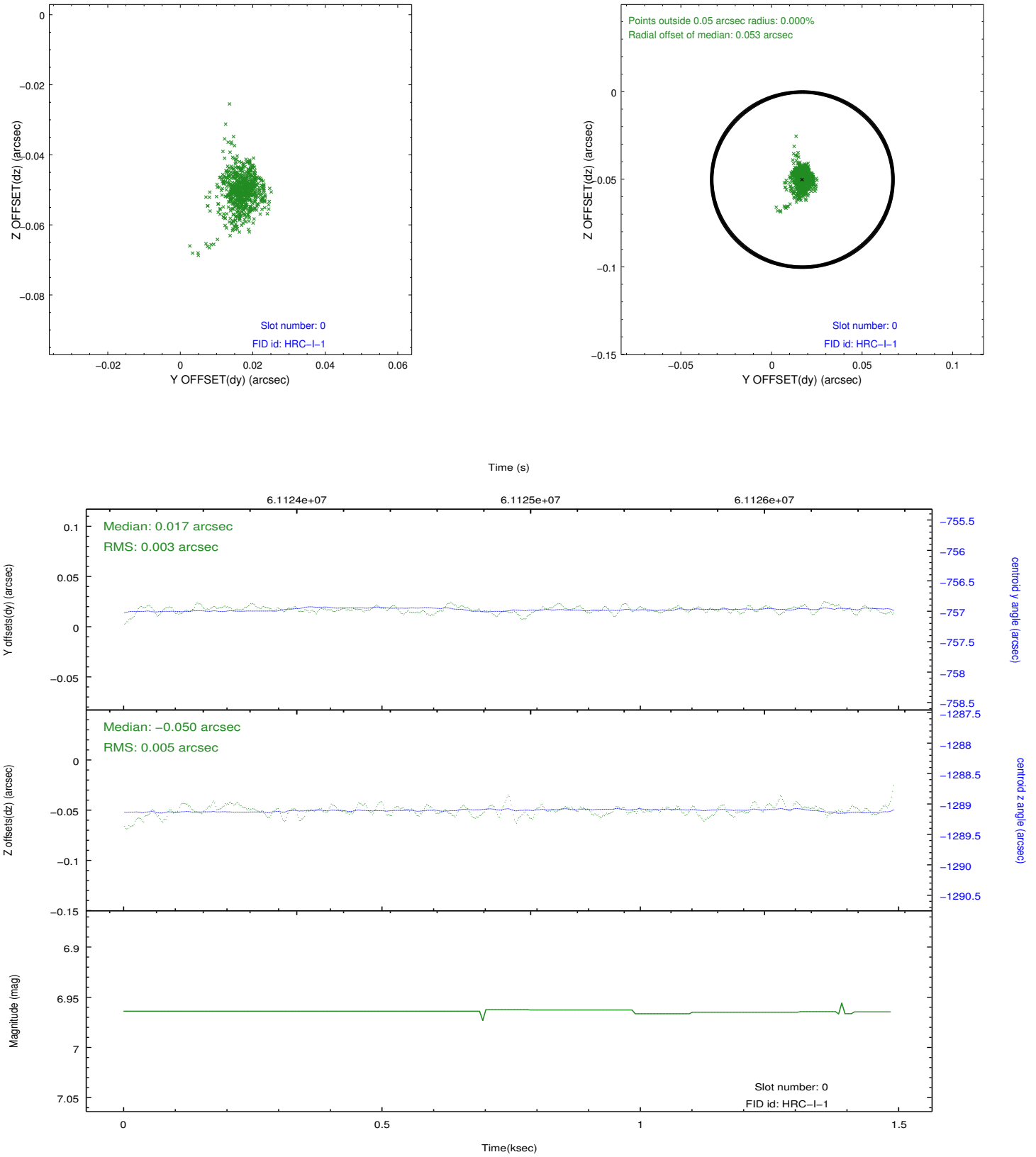


2.4.5 Slot 7

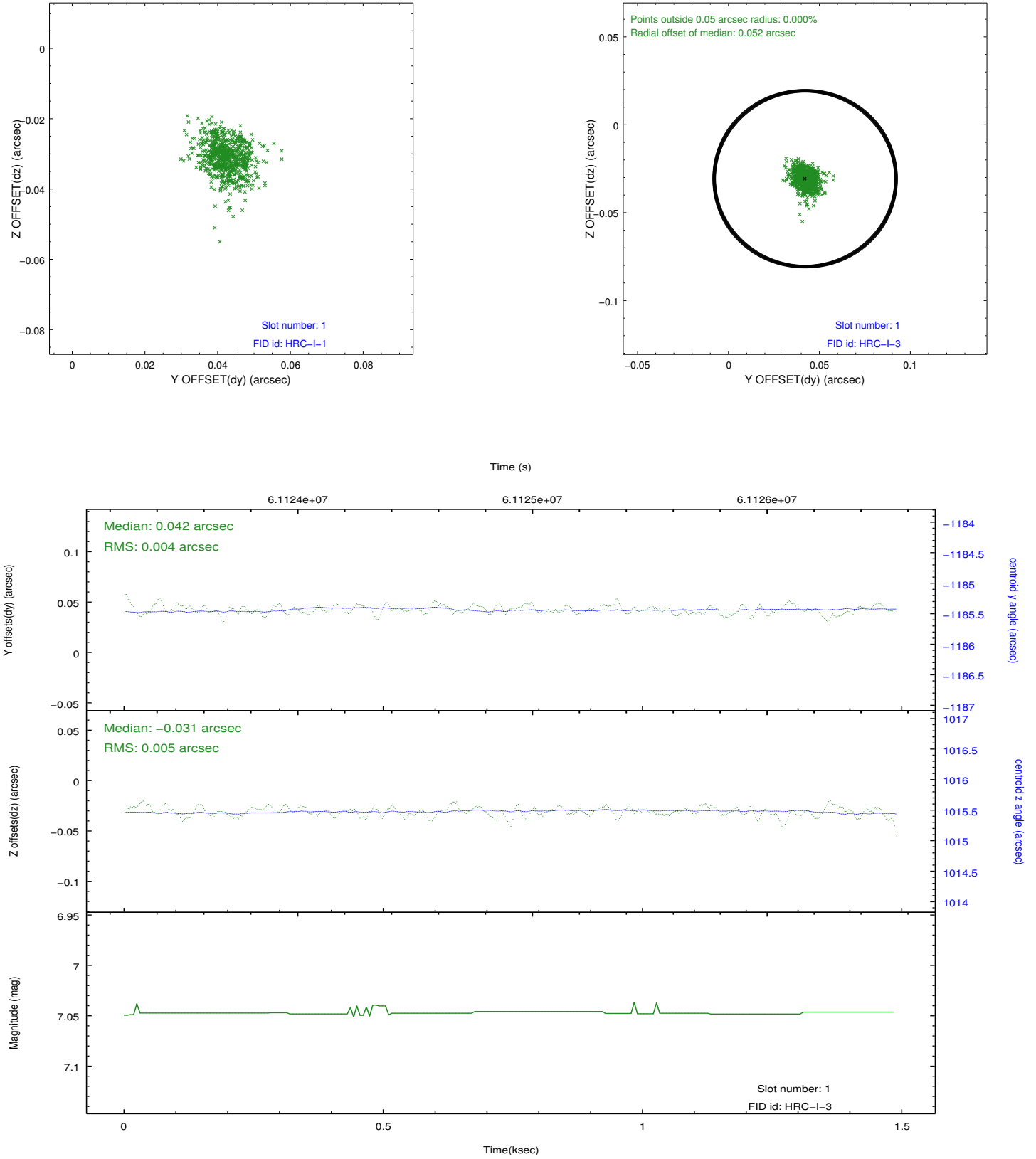


2.5 FID Slots

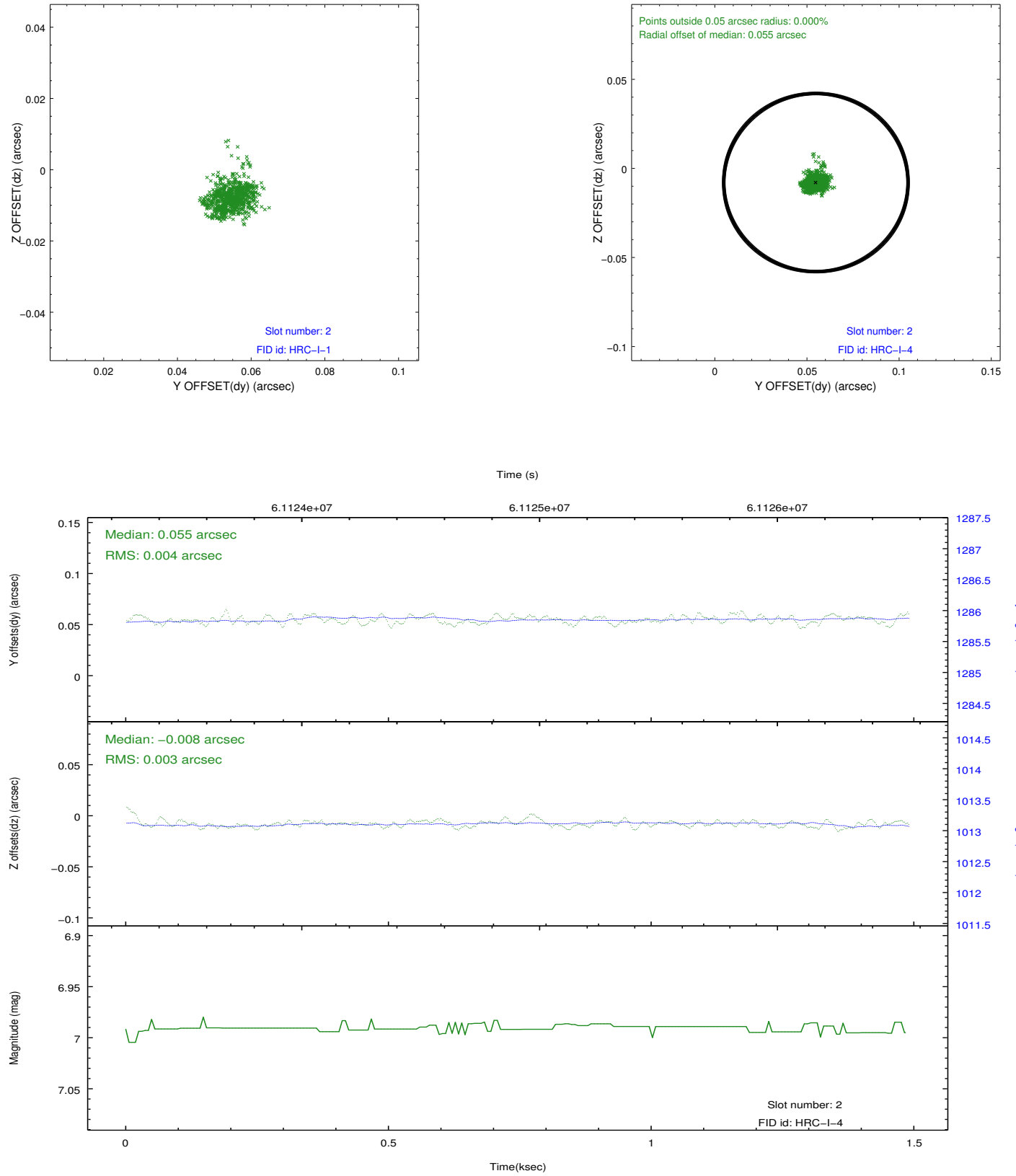
2.5.1 Slot 0



2.5.2 Slot 1

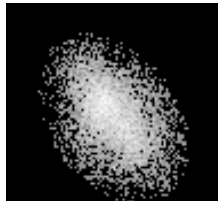


2.5.3 Slot 2



3 Point Sources

2.53 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.21

A.2 Comments

HRC-I cal: ARLac for image blur