

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2359 - L2 Version 5
Chandra X-Ray Center

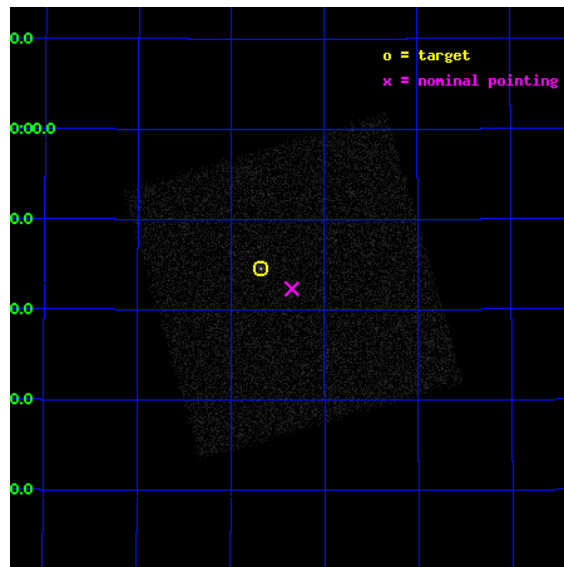
L2 Processing Date : Sep 4 2012

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1 Front

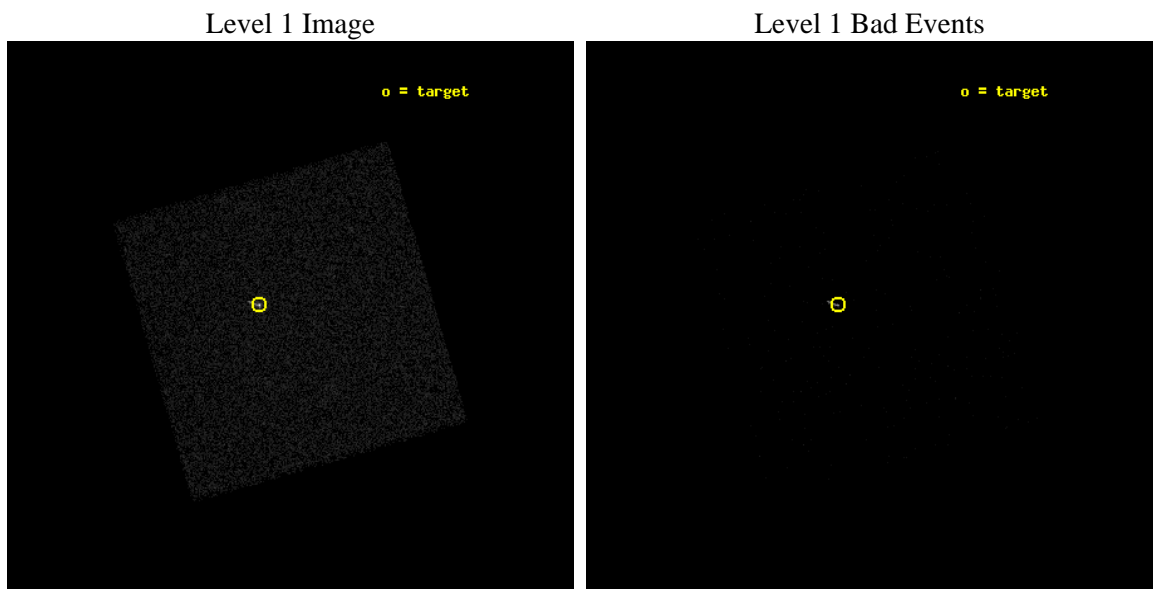
seq_num	290106	Sequence number
obs_id	2359	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-I,AO2A	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08703592855	Nominal RA [deg]
dec_nom	45.70553396468	Nominal Dec [deg]
roll_nom	298.843349168	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1194.381295681	[s]
livetime	1188.484936821	Ontime multiplied by DTCOR
l2events	34596	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	1194.381295681	[s]
caldbver	4.5.1.1	 	l1events	61193	Number of level 1 events
date	2012-09-04T06:20:07	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

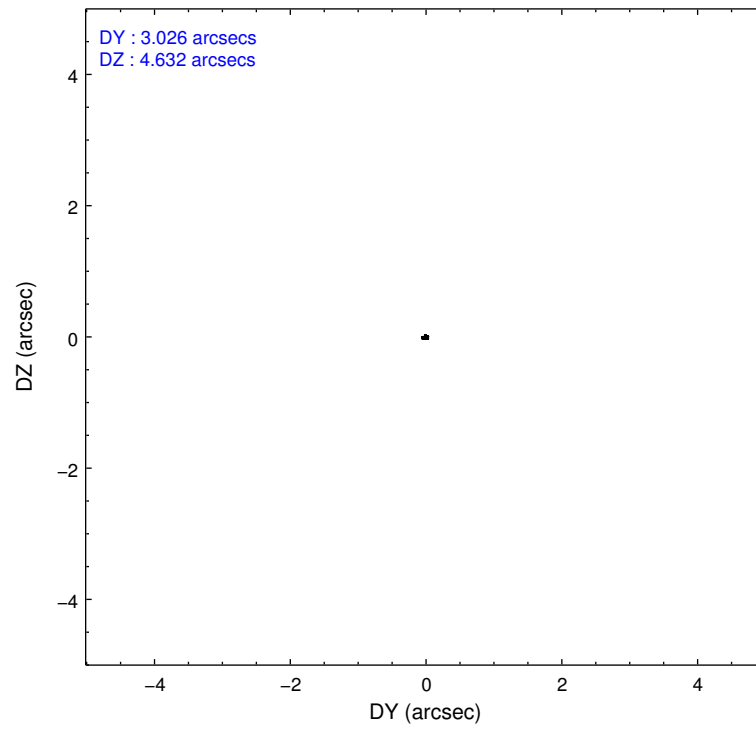
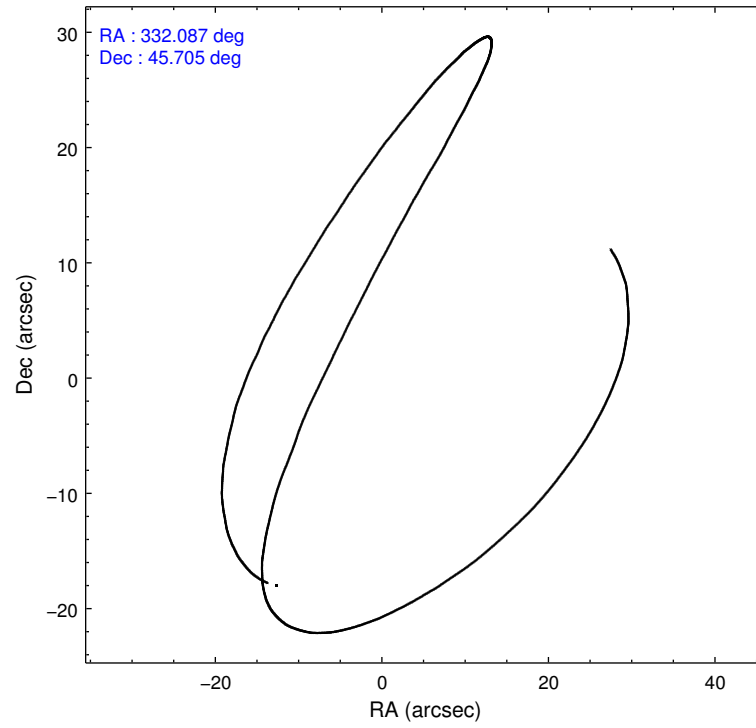
	segment 0
level 1 events	61193
rejected events	12976
rejected %	21%

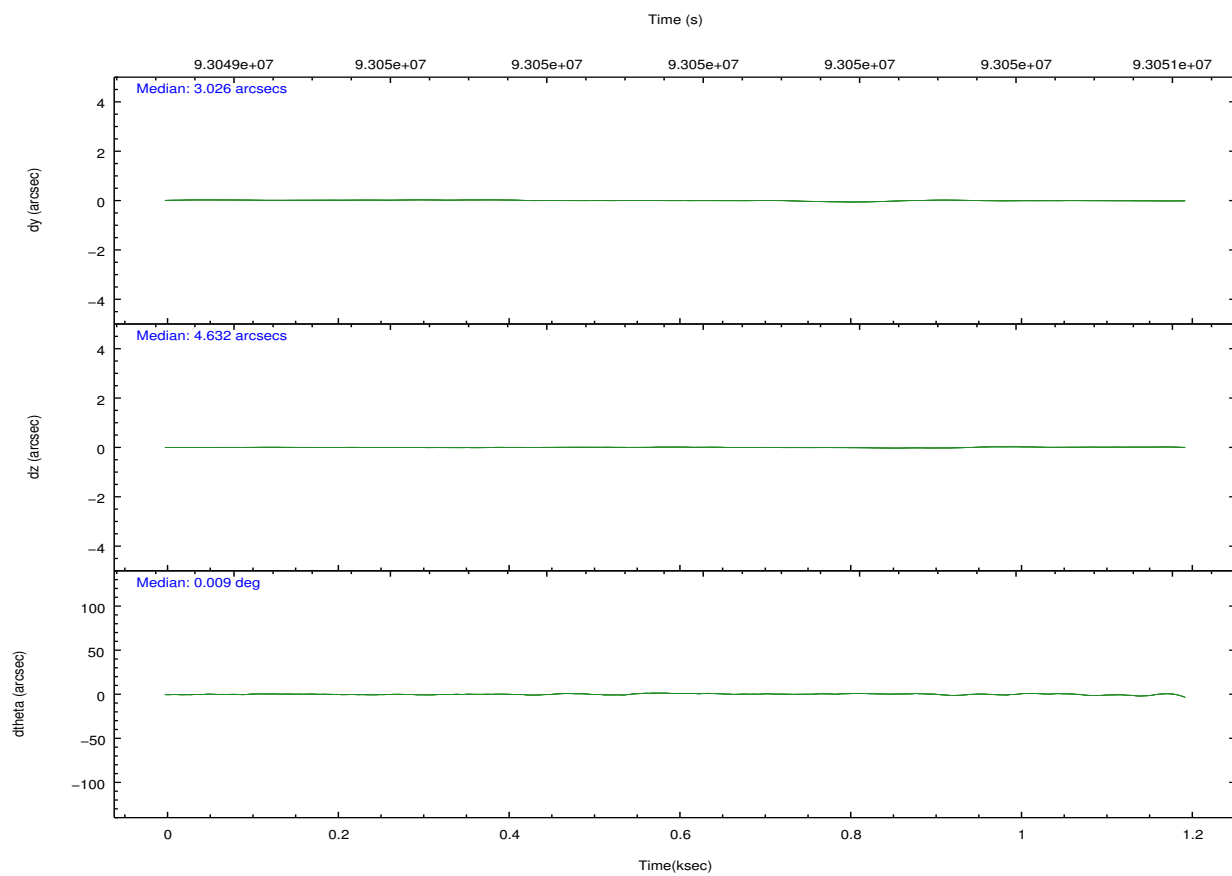
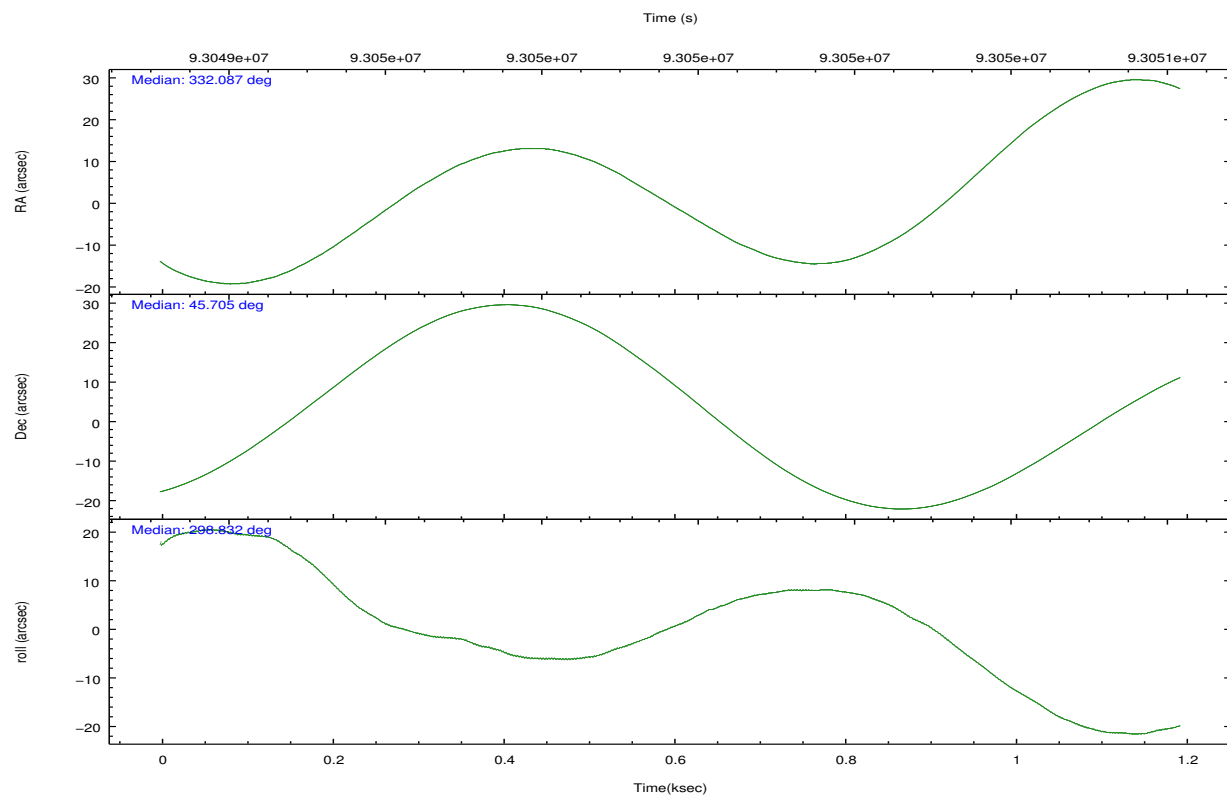
2.2 Compared Parameters

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	332.053360	332.0870359285527
[deg] Pointing Dec	45.719405	45.70553396467952
[deg] Pointing Roll	298.962894	298.8433491679995
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	93049561.184000	93049184.43832
Observation start date	2000-12-12T23:04:57	2000-12-12T22:59:44
[s] Observation end time (MET)	93050561.184000	93050694.775877
Observation end date	2000-12-12T23:21:37	2000-12-12T23:24:54

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

2.3 Aspect



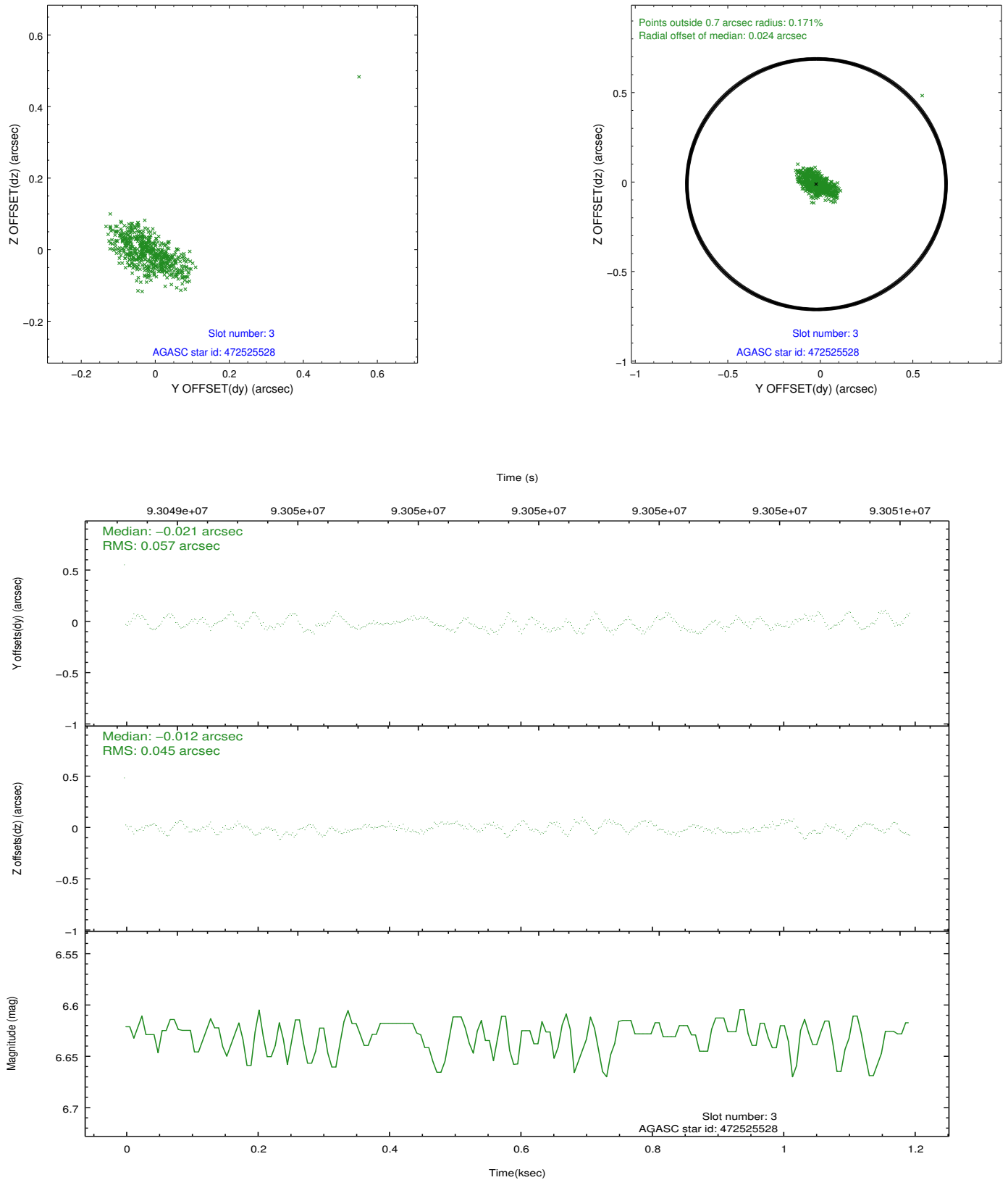


Slot Statistics

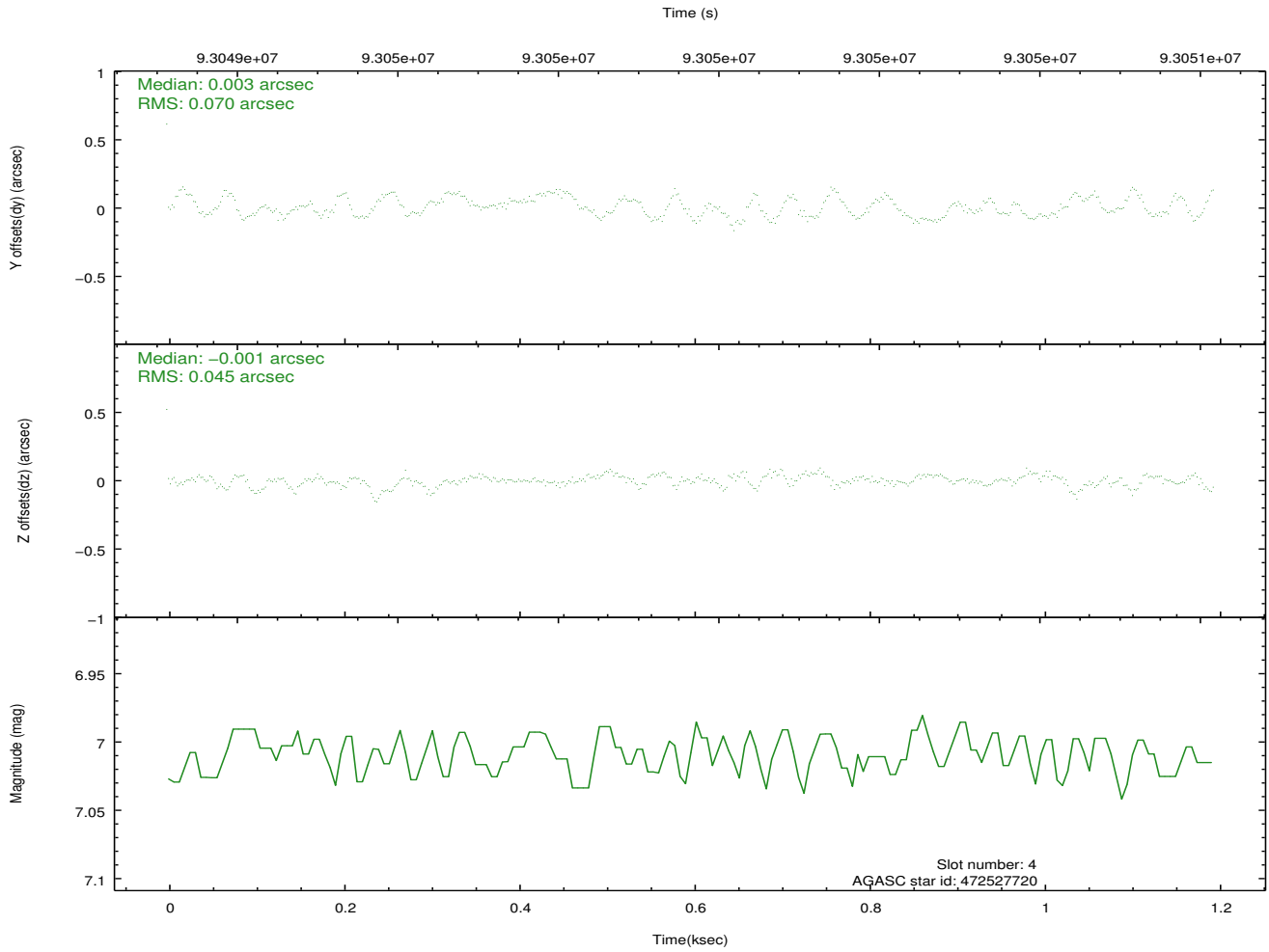
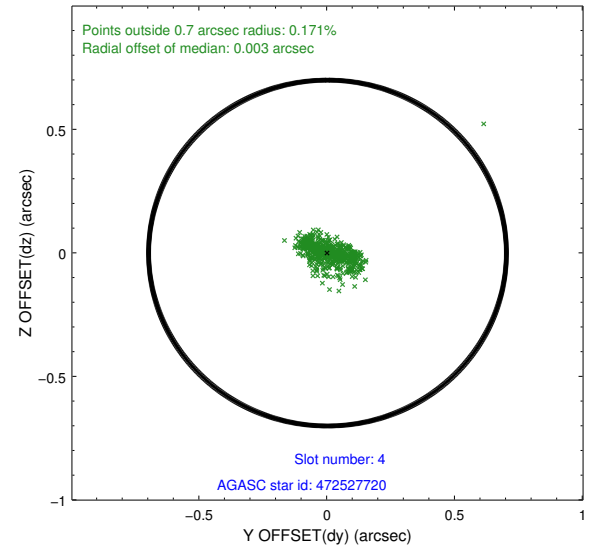
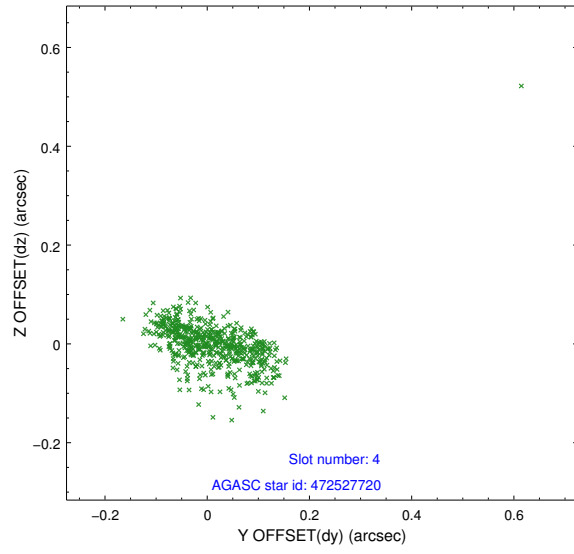
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	292	0.049	0.066	0.006	0.014	0.000000	0.000000	-758.47	-1292.39
1	FID	HRC-I-3	7.05	292	0.034	-0.098	0.007	0.018	0.000000	0.000000	-1189.55	1007.59
2	FID	HRC-I-4	6.99	292	0.032	-0.058	0.006	0.013	0.000000	0.000000	1280.25	1013.09
3	GUIDE	472525528	6.63	584	-0.021	-0.012	0.070	0.115	331.551102	45.248694	862.67	-1932.63
4	GUIDE	472527720	7.01	584	0.003	-0.001	0.085	0.131	331.460205	45.112509	1178.55	-2377.25
5	GUIDE	472523760	8.23	584	-0.050	-0.118	0.064	0.103	331.645363	45.403260	495.95	-1456.60
6	GUIDE	472659832	9.47	584	-0.077	-0.026	0.120	0.198	332.780399	46.098139	-321.41	2249.23
7	GUIDE	472646552	9.63	583	0.136	0.152	0.112	0.190	333.120915	45.571877	1750.50	2109.35

2.4 Star Slots

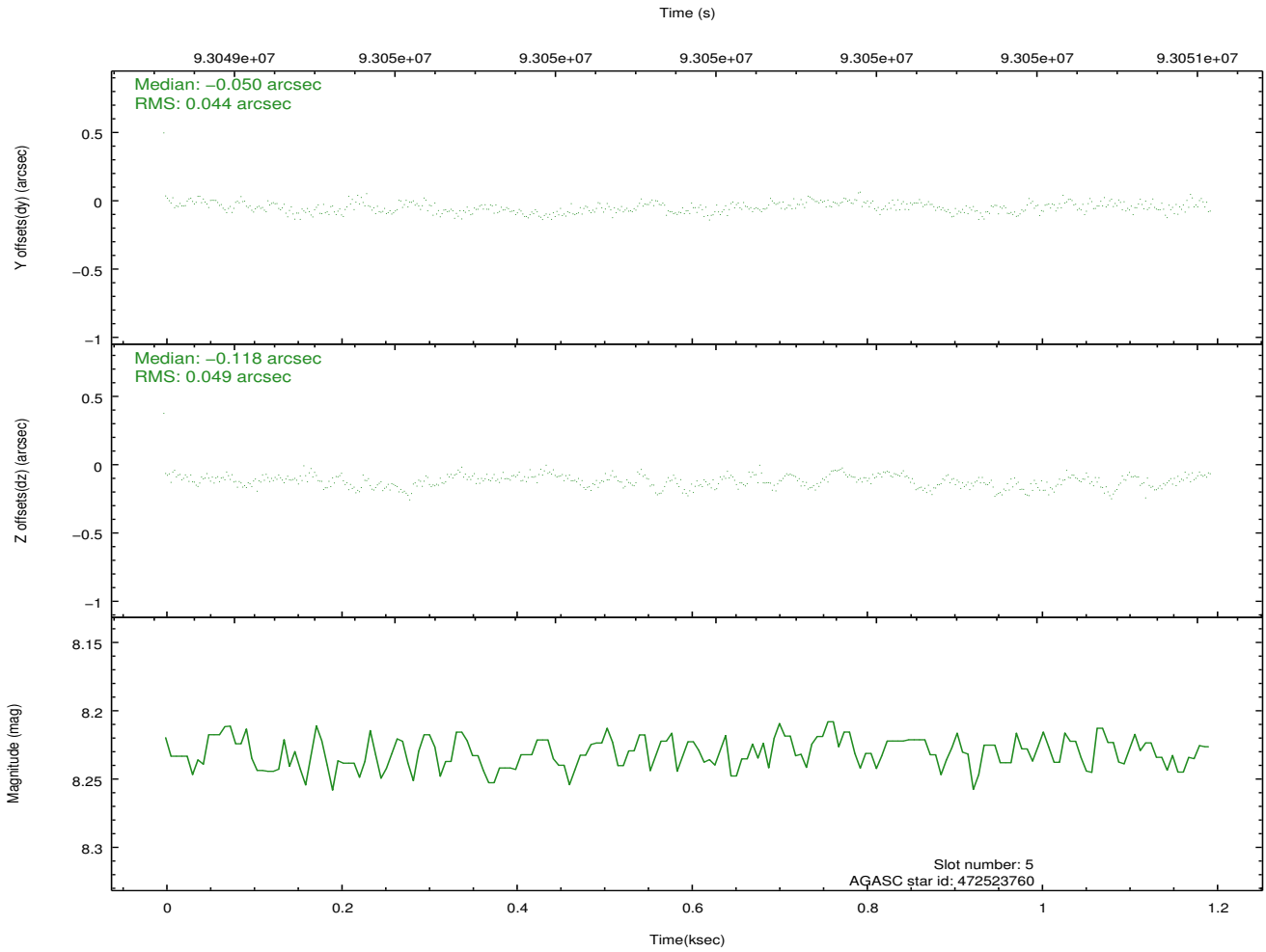
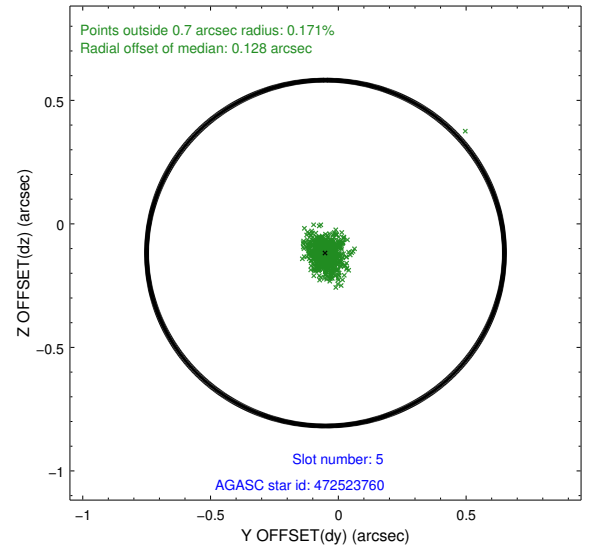
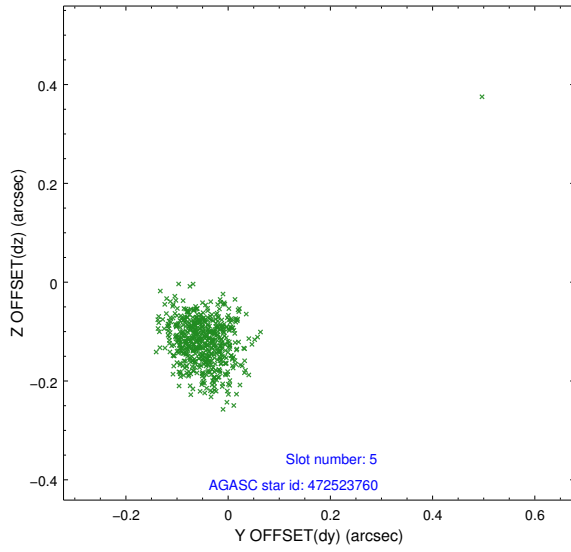
2.4.1 Slot 3



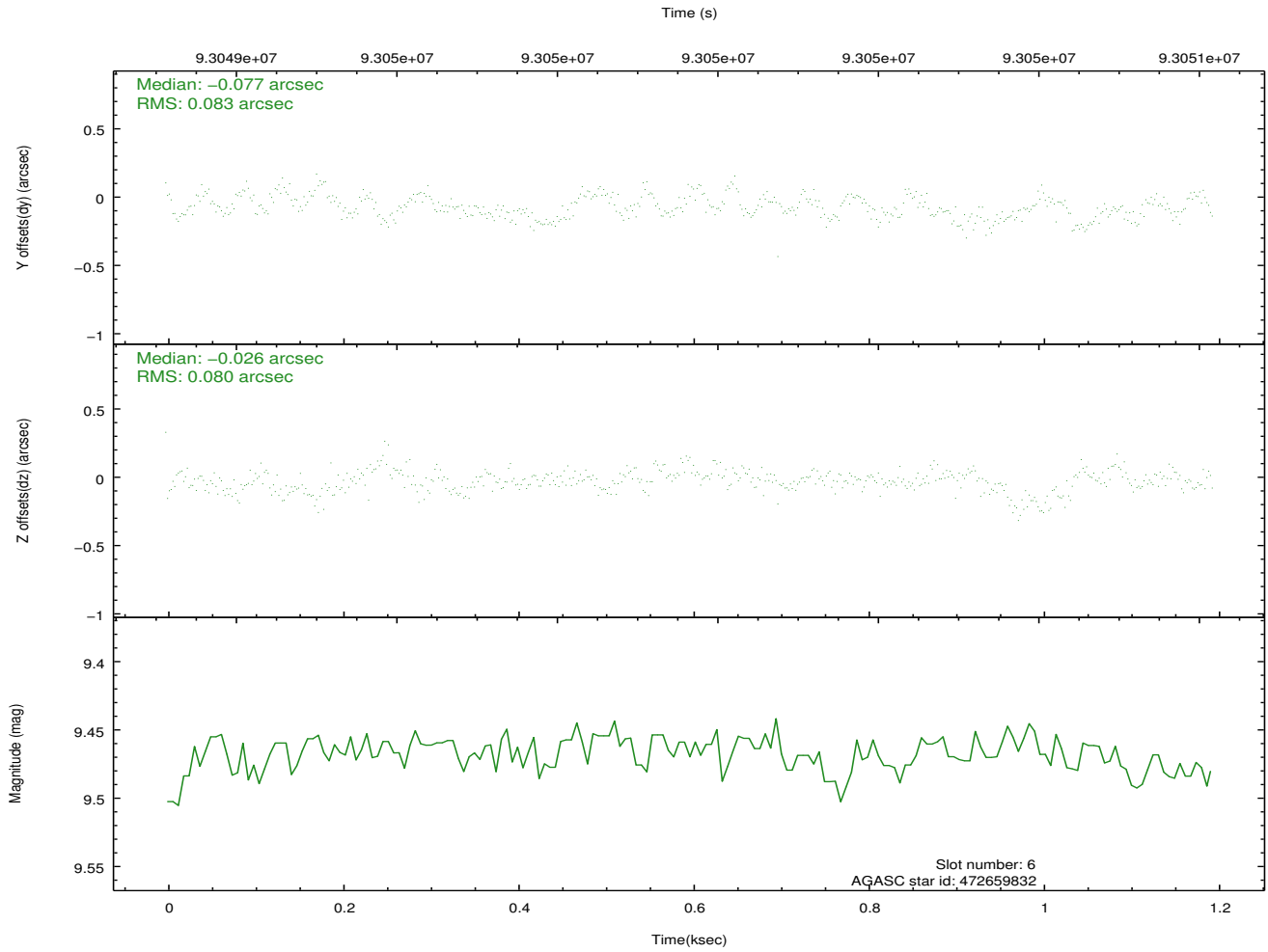
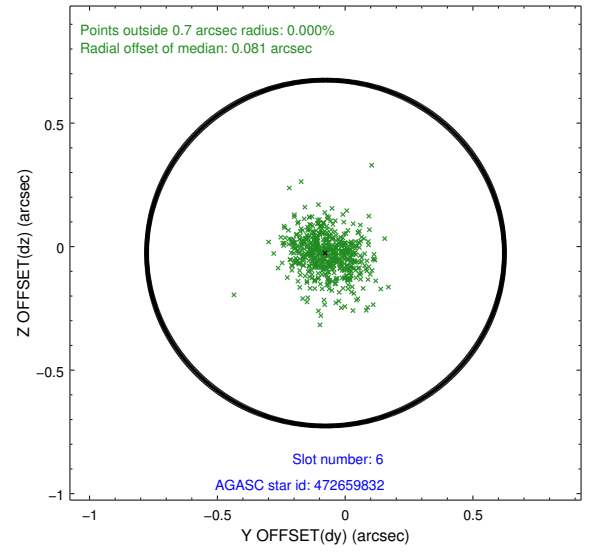
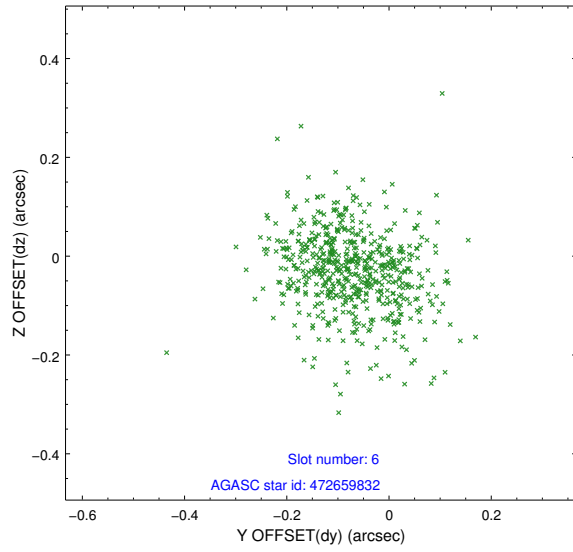
2.4.2 Slot 4



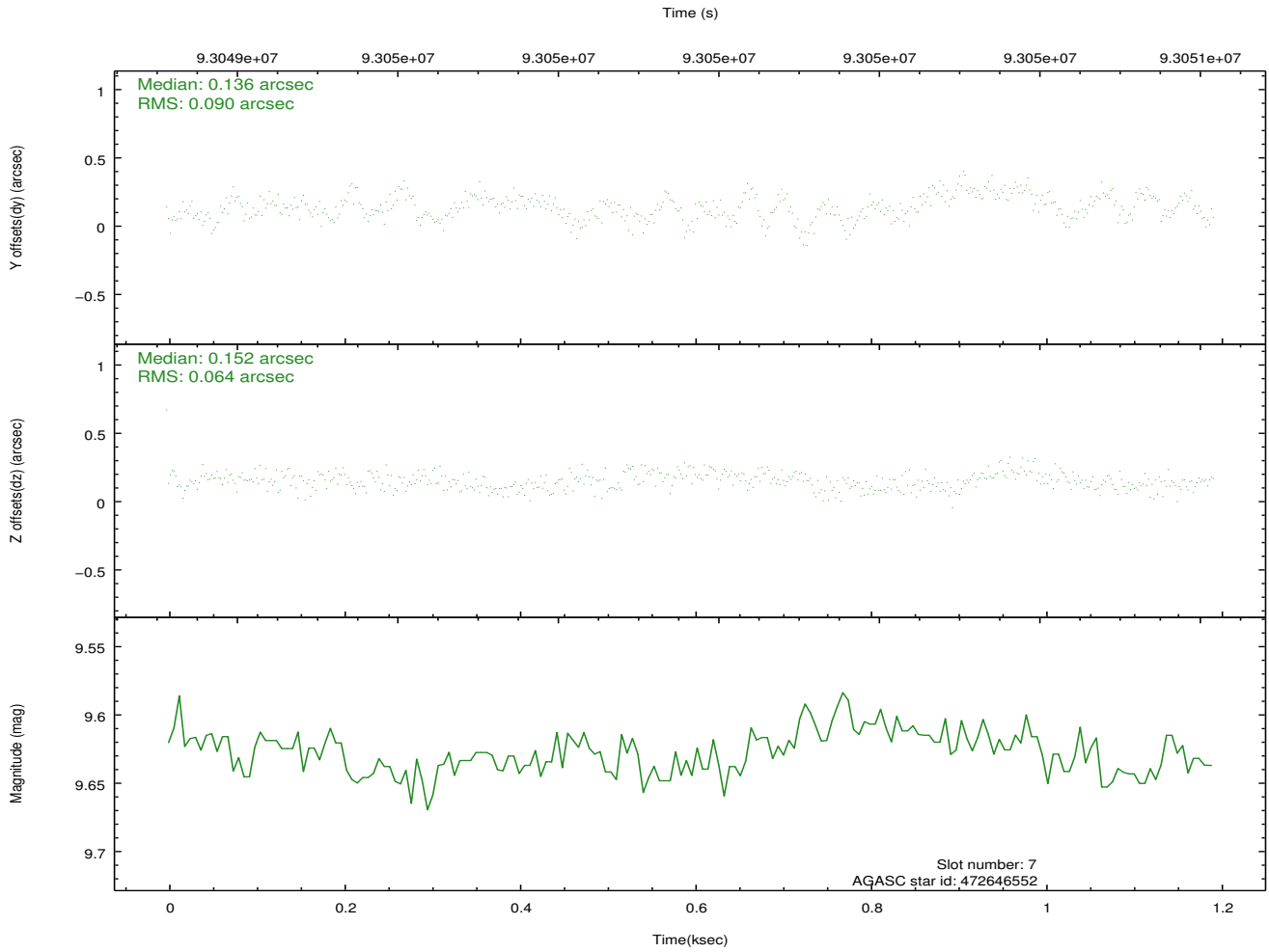
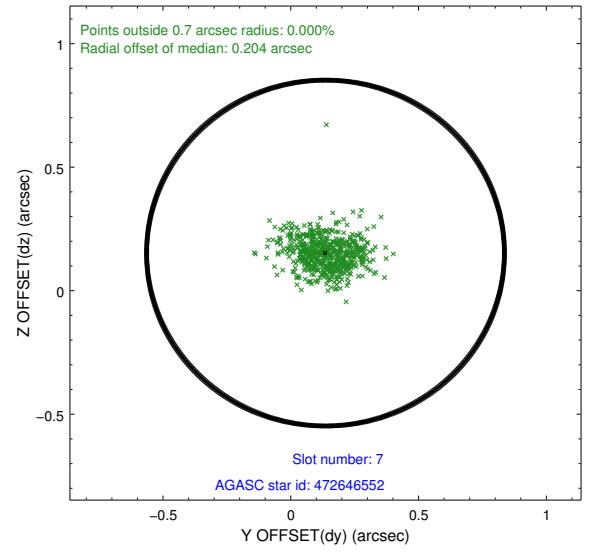
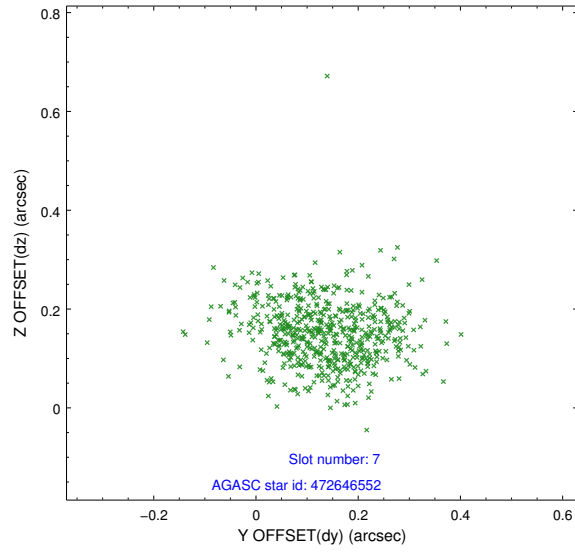
2.4.3 Slot 5



2.4.4 Slot 6

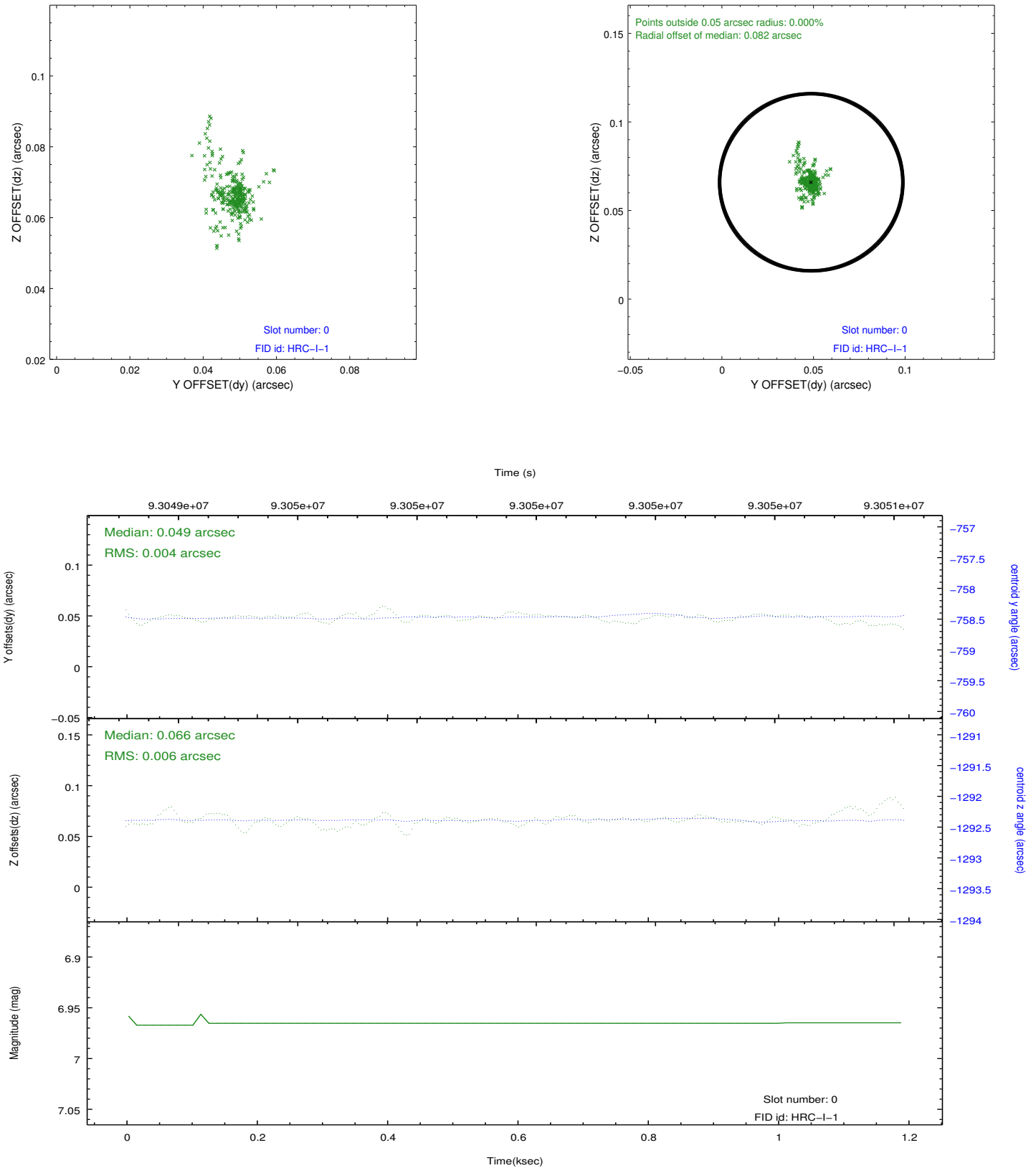


2.4.5 Slot 7

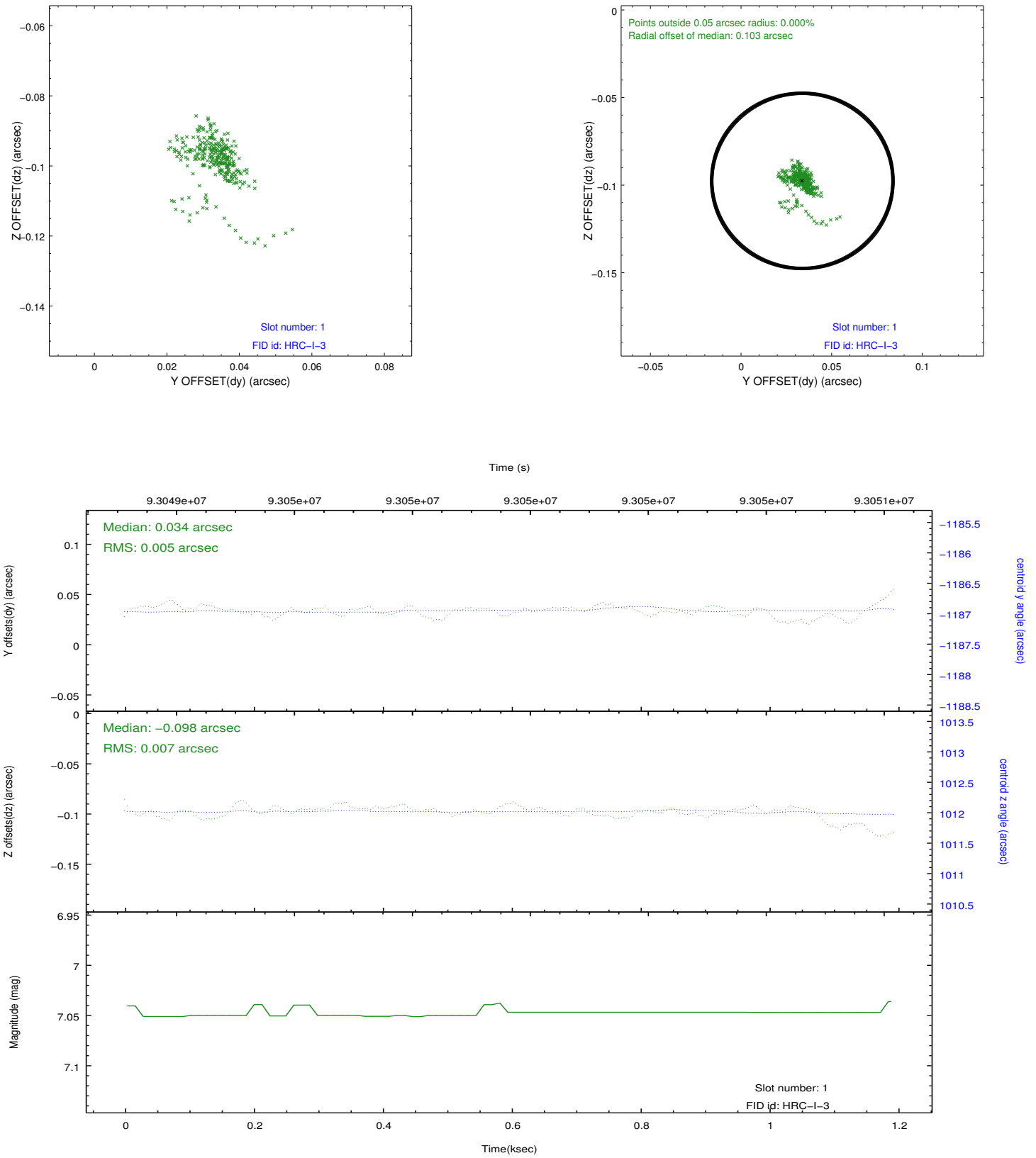


2.5 FID Slots

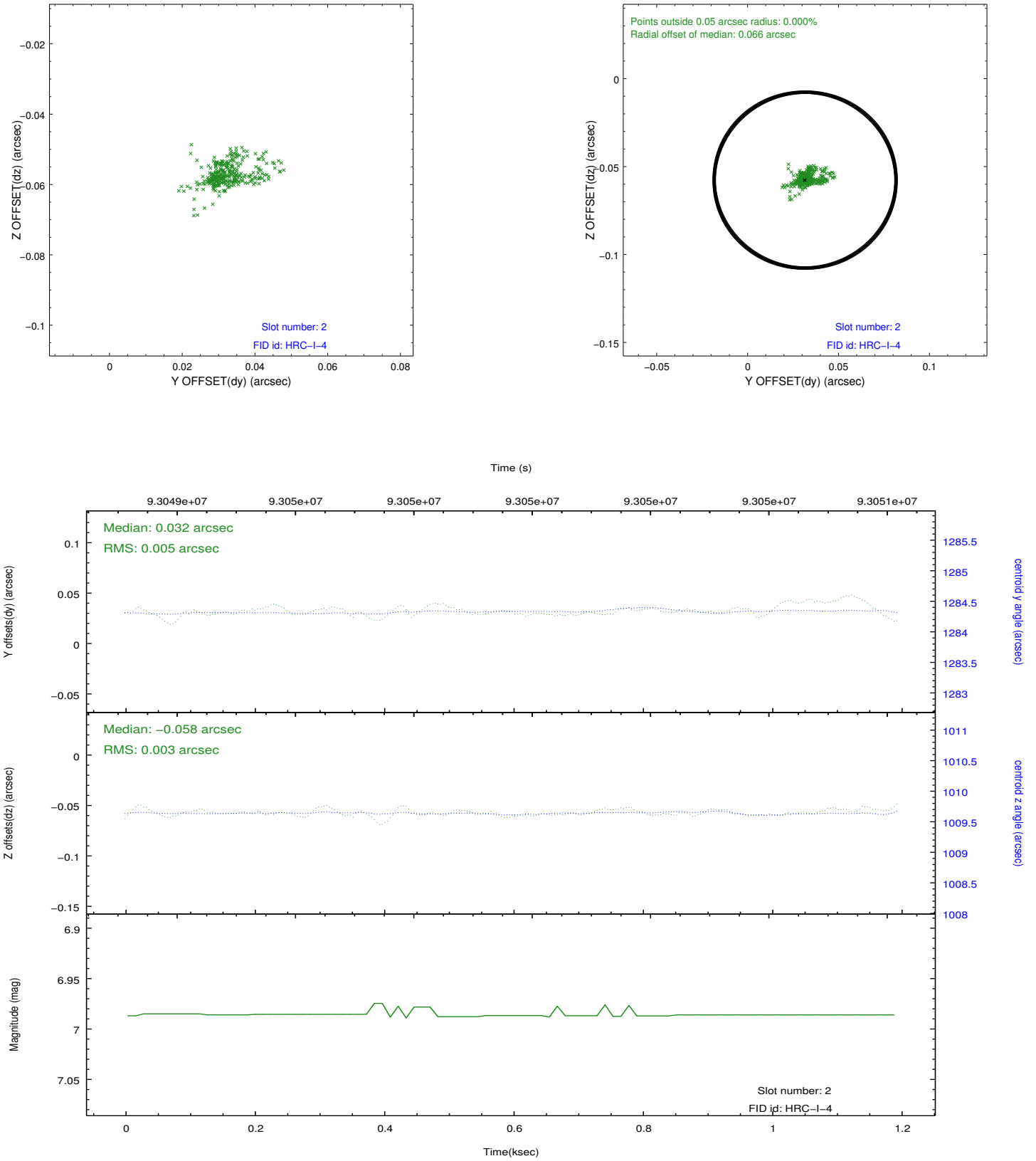
2.5.1 Slot 0



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)	2012.09.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.194

A.2 Comments