

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11907 - L2 Version 2
Chandra X-Ray Center

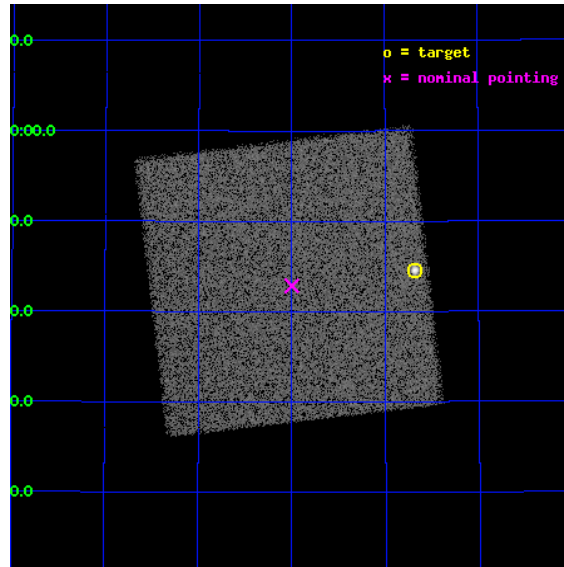
L2 Processing Date : Jul 3 2012

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

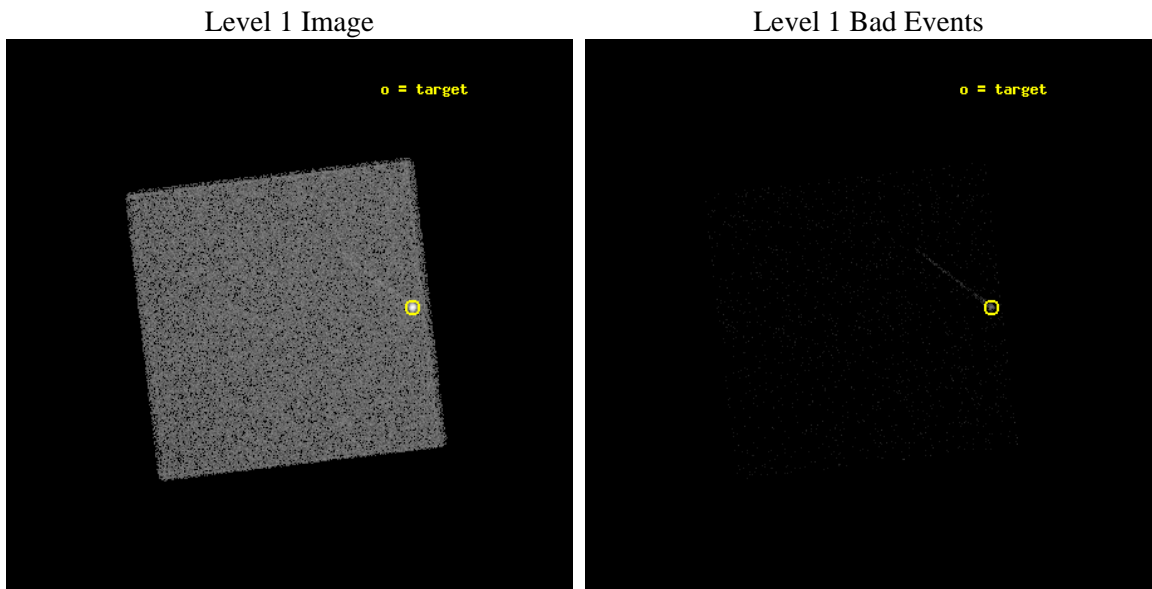
seq_num	290896	Sequence number
obs_id	11907	Observation id
title	AO-11 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.49995025897	Nominal RA [deg]
dec_nom	45.714284521507	Nominal Dec [deg]
roll_nom	218.22122939563	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1180.0313105583	[s]
livetime	1167.2105936221	Ontime multiplied by DTCOR
l2events	89473	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	1180.0313105583	[s]
caldbver	4.5.0	 	l1events	204987	Number of level 1 events
date	2012-07-03T23:46:18	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

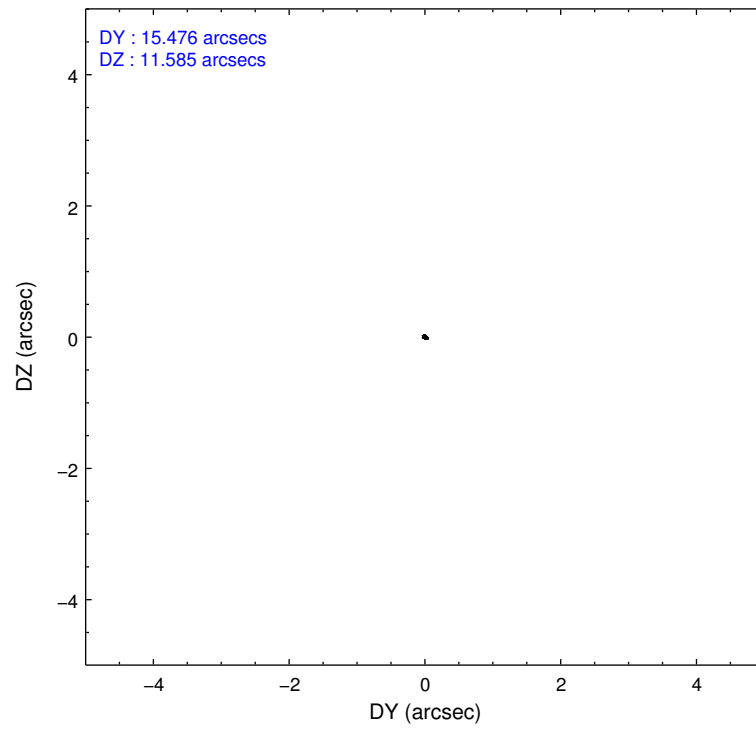
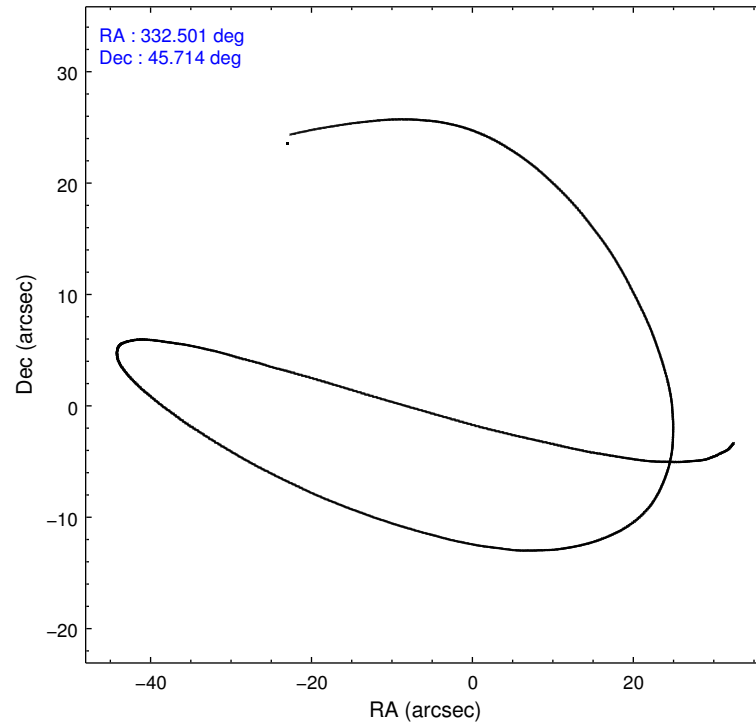
	segment 0
level 1 events	204987
rejected events	80406
rejected %	39%

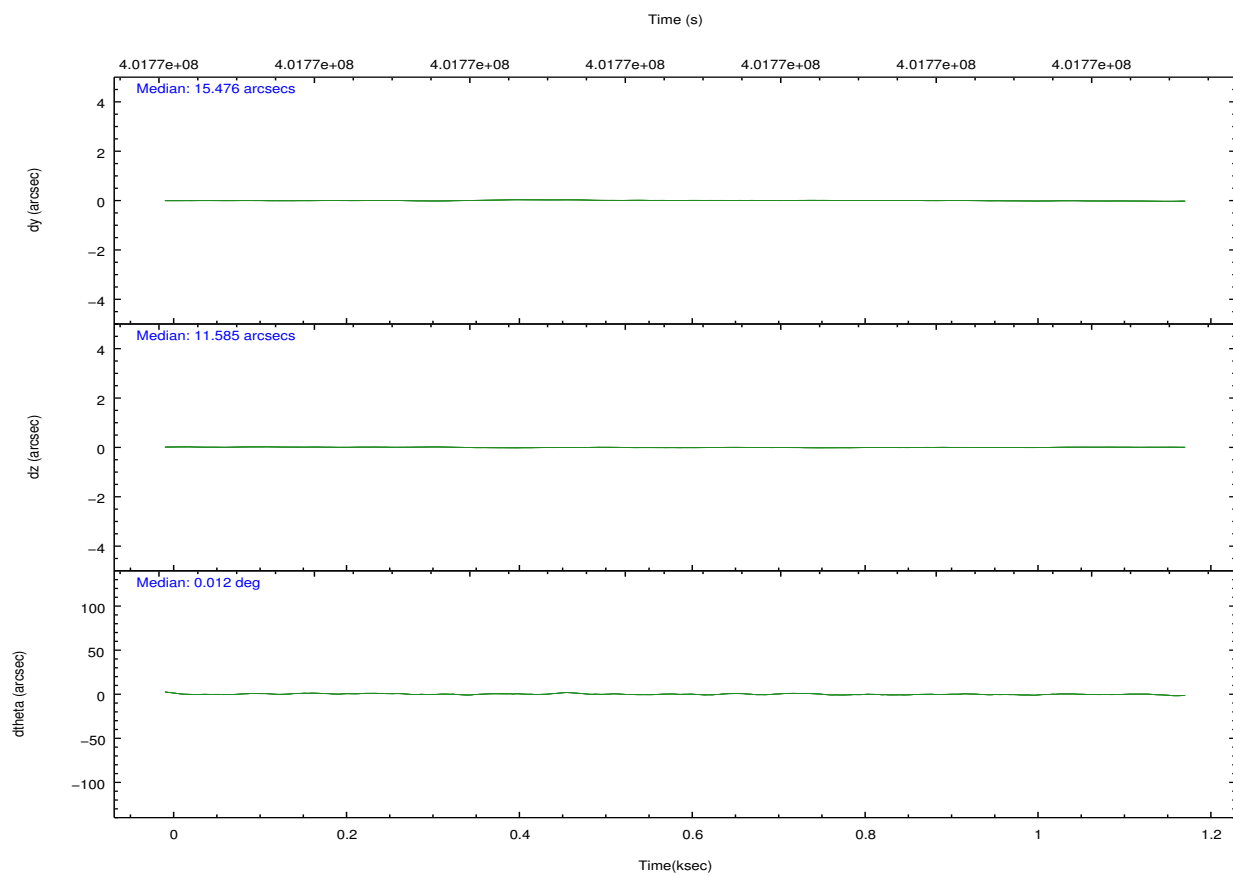
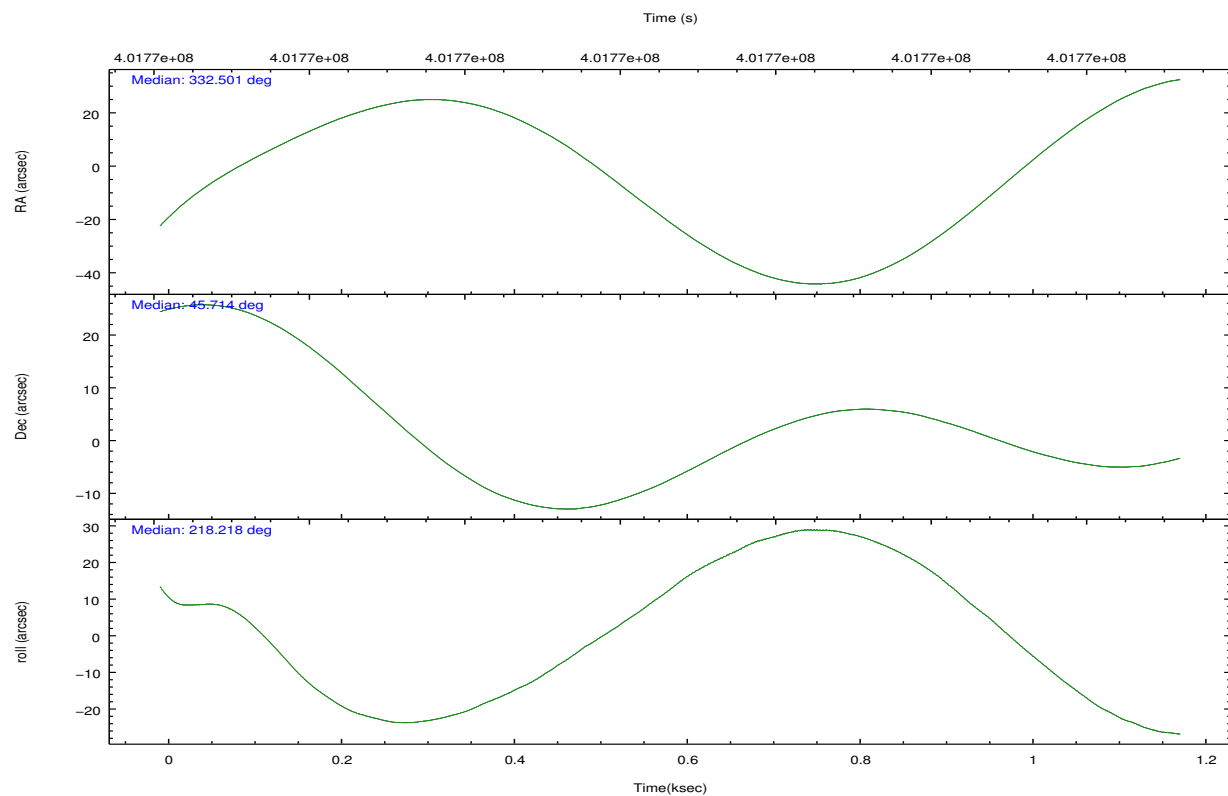
2.2 Compared Parameters

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	332.513262	332.4999502589744
[deg] Pointing Dec	45.739631	45.71428452150715
[deg] Pointing Roll	218.307271	218.2212293956291
[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)	401770443.184000	401769608.88698
Observation start date	2010-09-25T02:52:57	2010-09-25T02:40:08
[s] Observation end time (MET)	401771443.184000	401771576.88708
Observation end date	2010-09-25T03:09:37	2010-09-25T03:12:56

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

2.3 Aspect



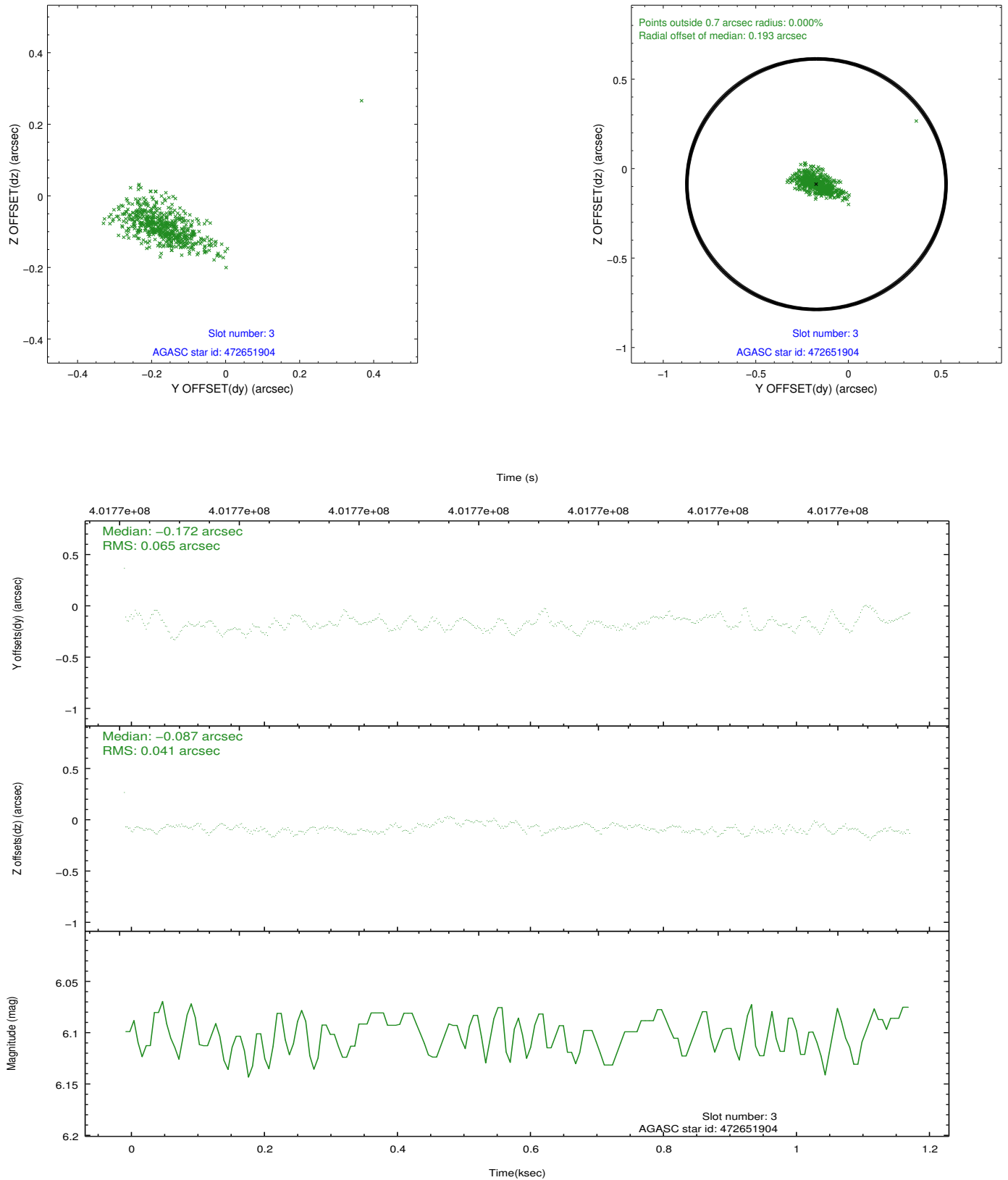


Slot Statistics

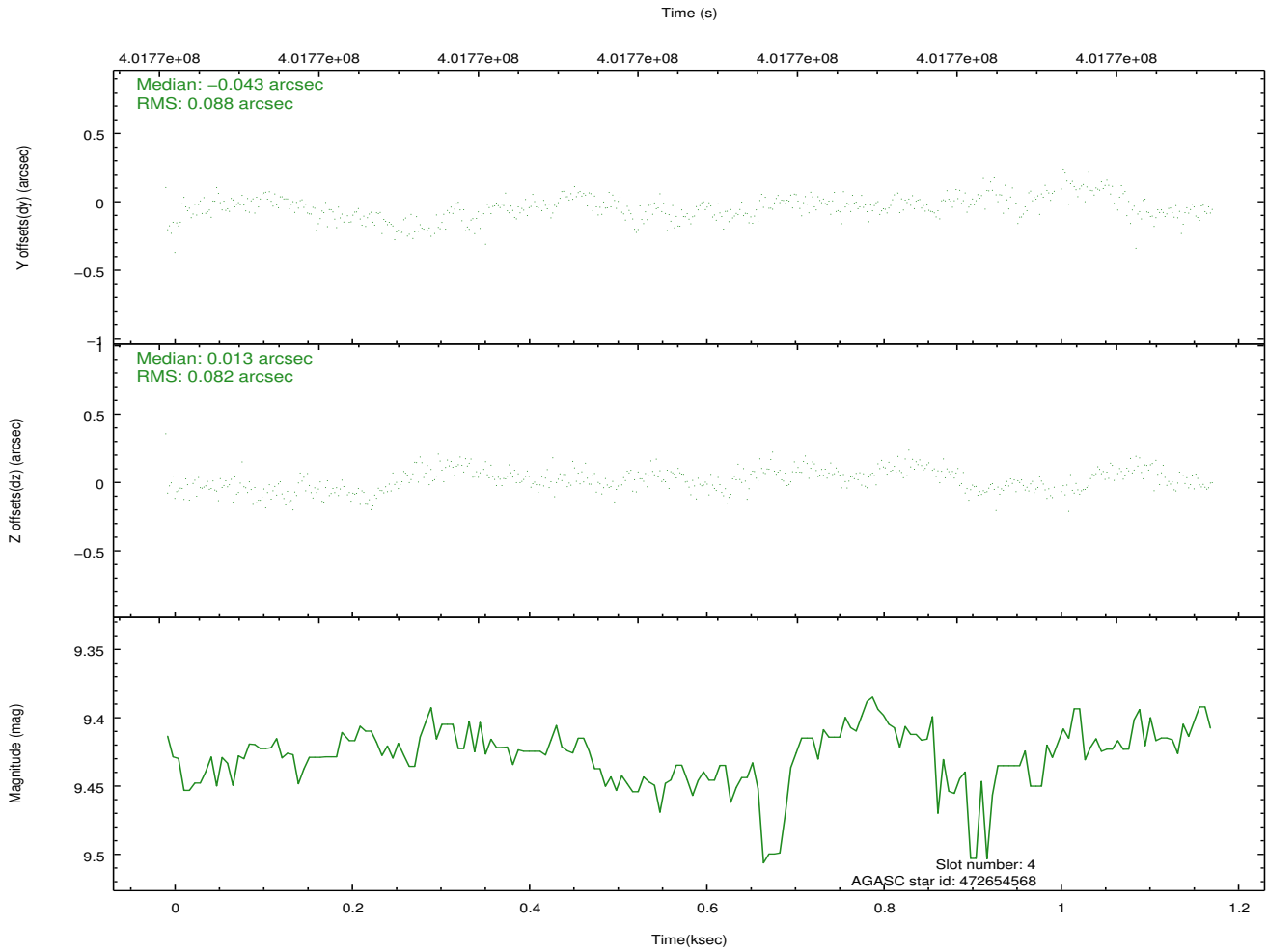
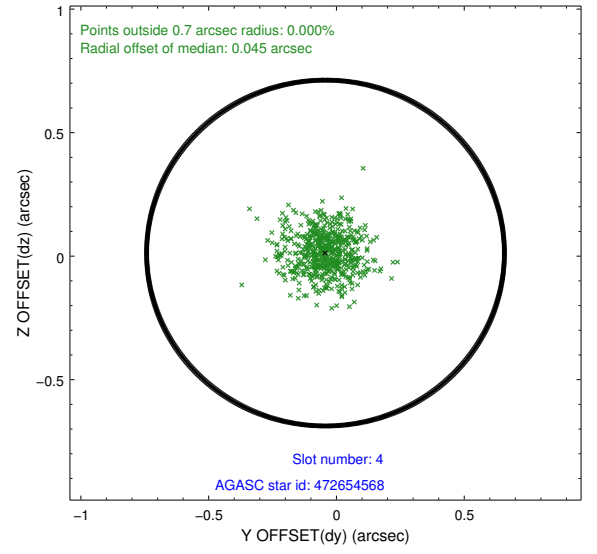
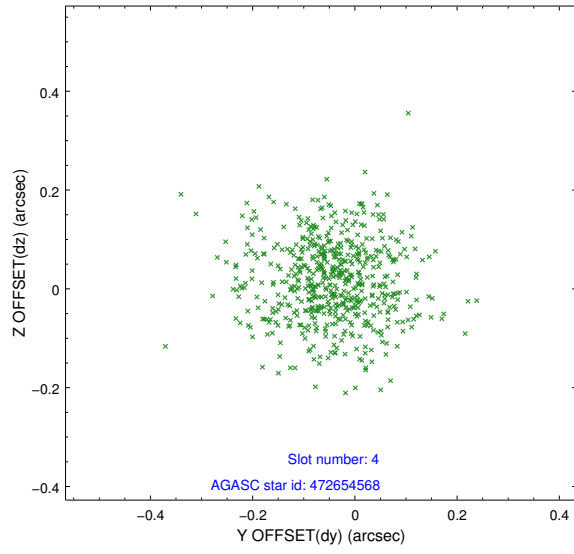
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	288	0.005	-0.029	0.006	0.011	0.000000	0.000000	-771.36	-1299.56
1	FID	HRC-I-3	7.04	288	-0.062	-0.060	0.007	0.010	0.000000	0.000000	-1202.47	1000.49
2	FID	HRC-I-4	6.96	288	0.172	0.000	0.005	0.007	0.000000	0.000000	1267.55	1006.00
3	GUIDE	472651904	6.10	577	-0.172	-0.087	0.075	0.136	332.170077	45.742257	670.86	-543.94
4	GUIDE	472654568	9.43	573	-0.043	0.013	0.129	0.208	332.194449	45.063576	2146.17	1405.48
5	GUIDE	472655152	9.45	576	0.130	0.008	0.126	0.211	332.504239	45.862991	-252.31	-359.74
6	GUIDE	472663080	9.42	577	0.045	0.073	0.125	0.189	332.652741	46.473840	-1909.01	-1860.44
7	GUIDE	472665256	9.03	576	0.048	-0.020	0.121	0.199	332.808125	46.195041	-1595.65	-835.18

2.4 Star Slots

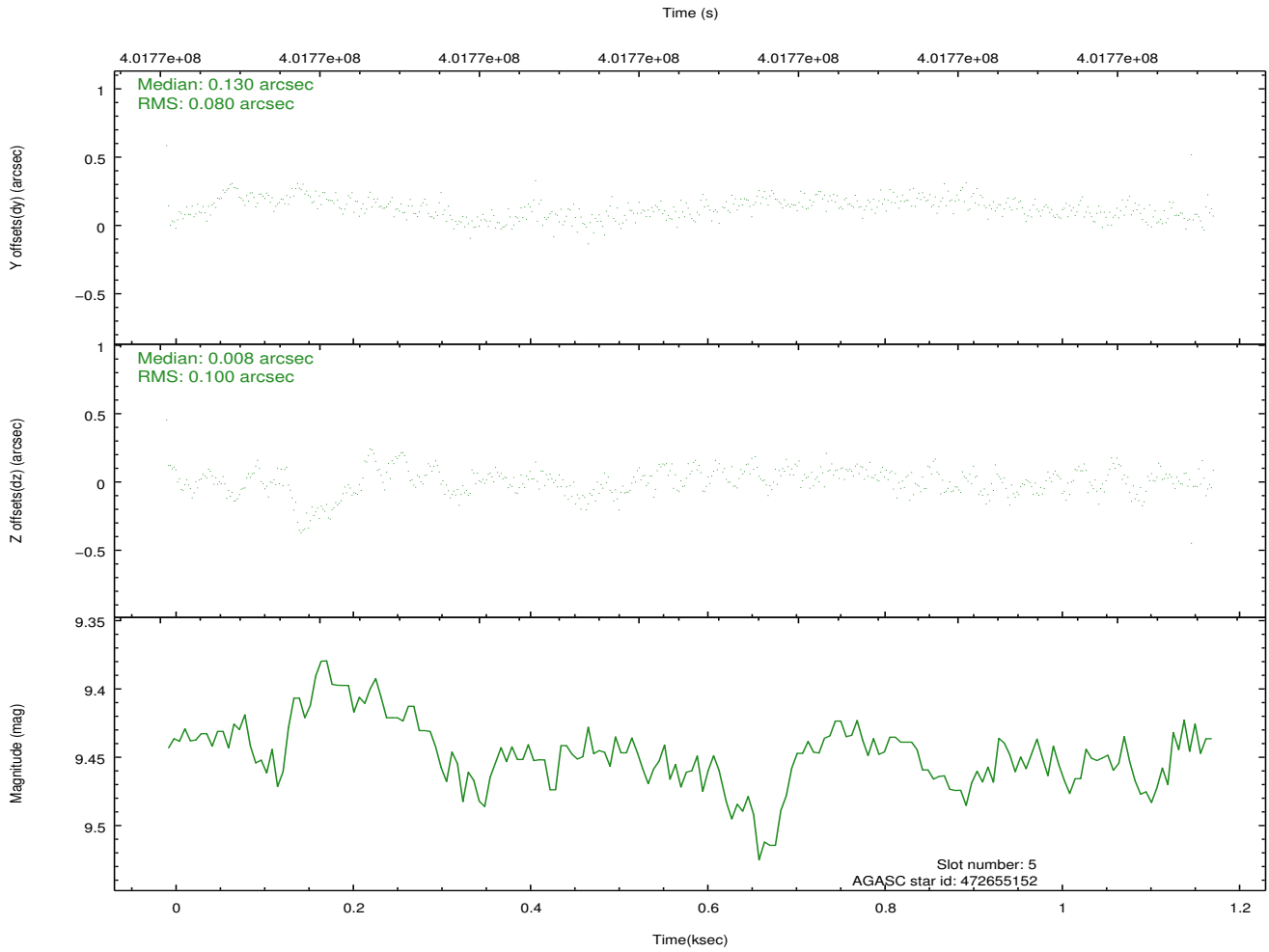
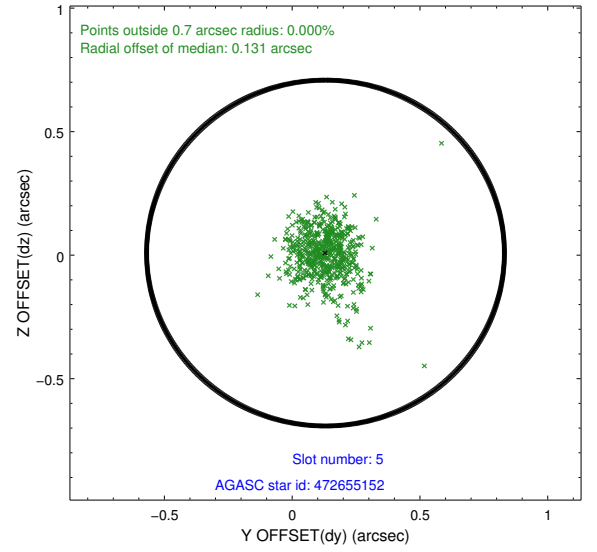
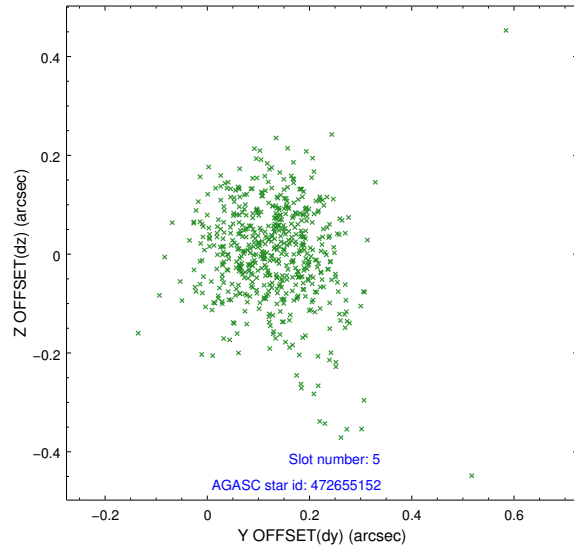
2.4.1 Slot 3



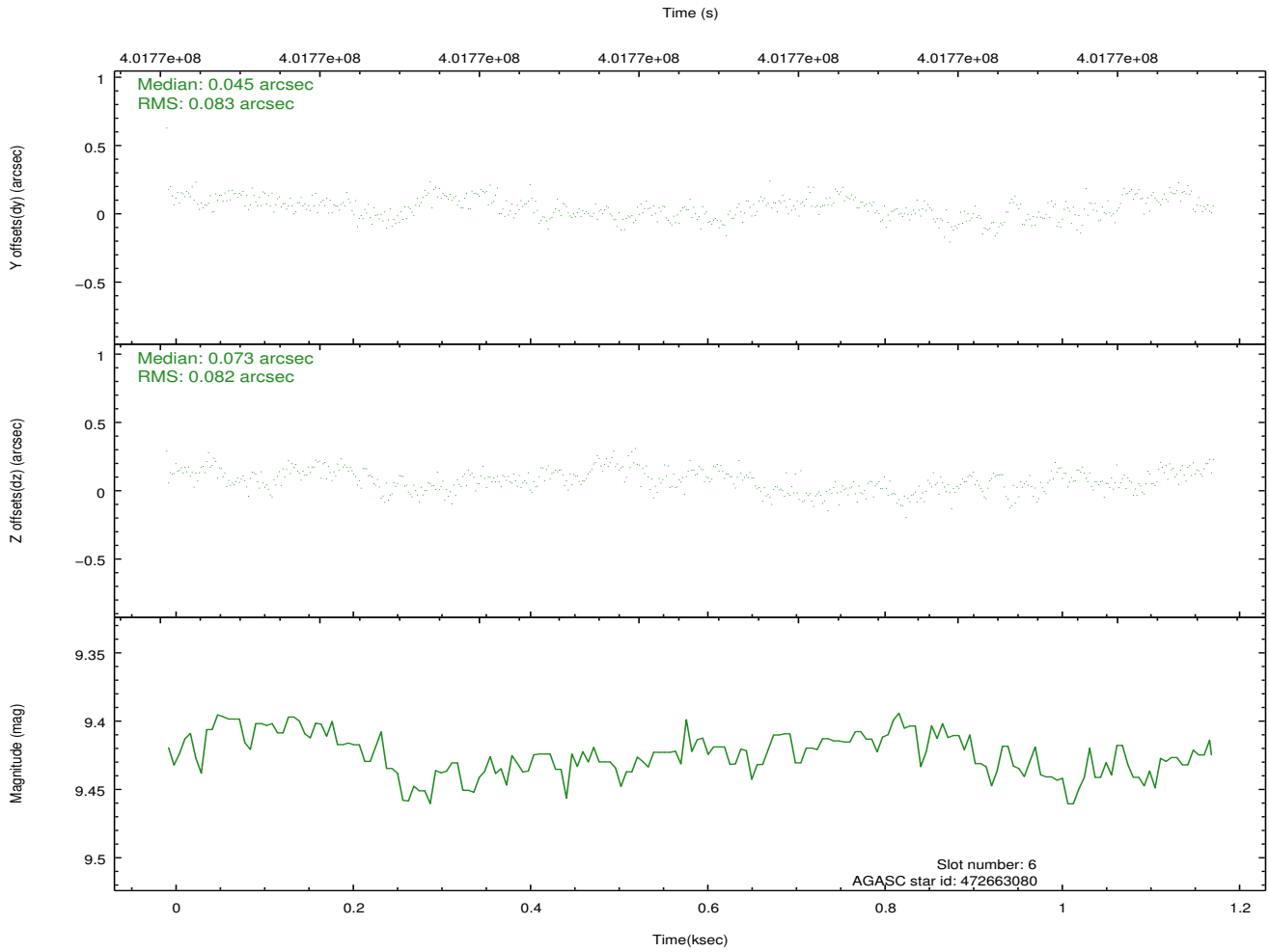
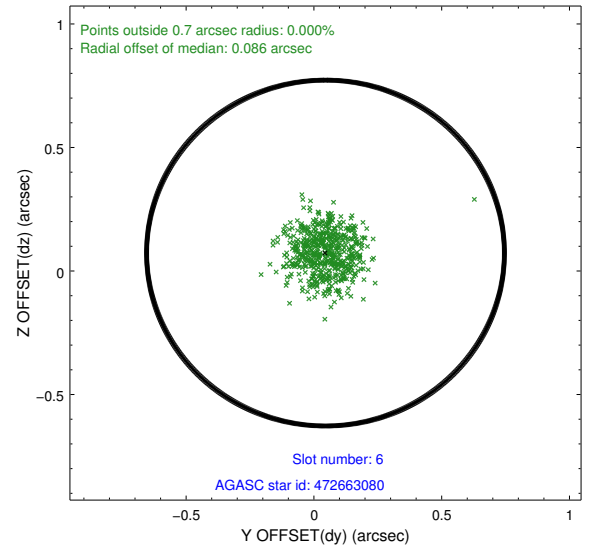
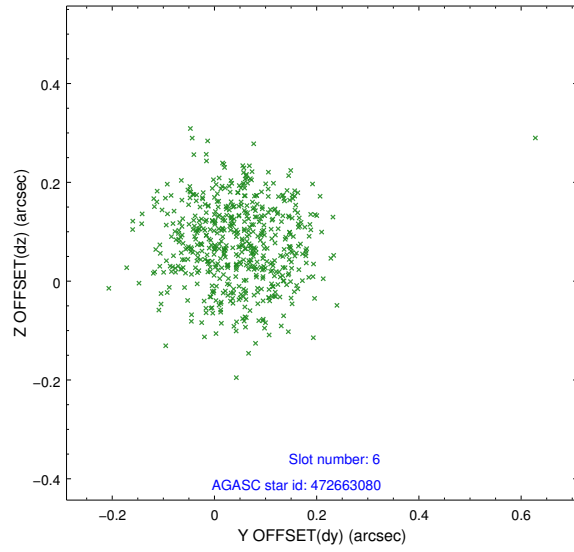
2.4.2 Slot 4



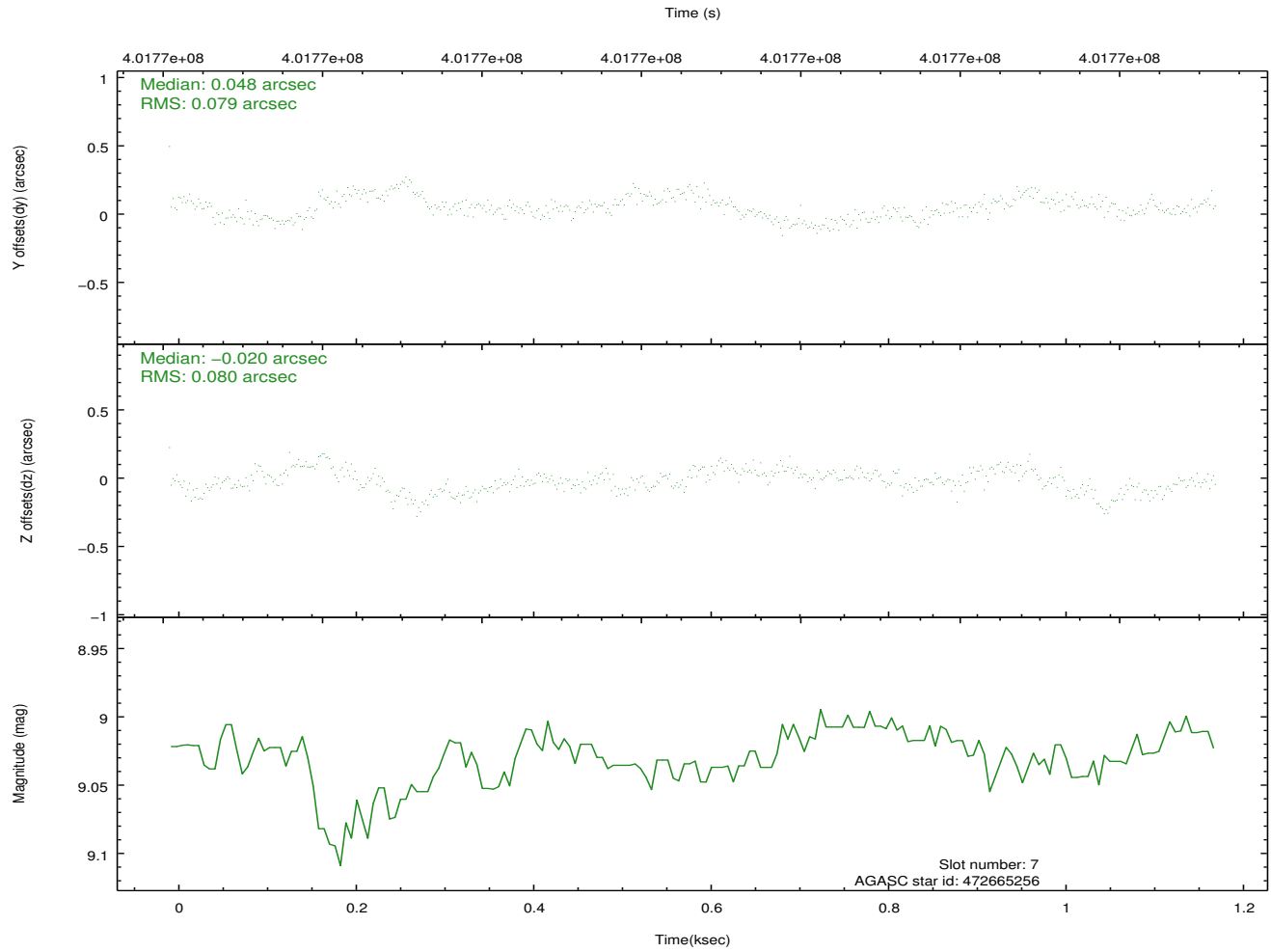
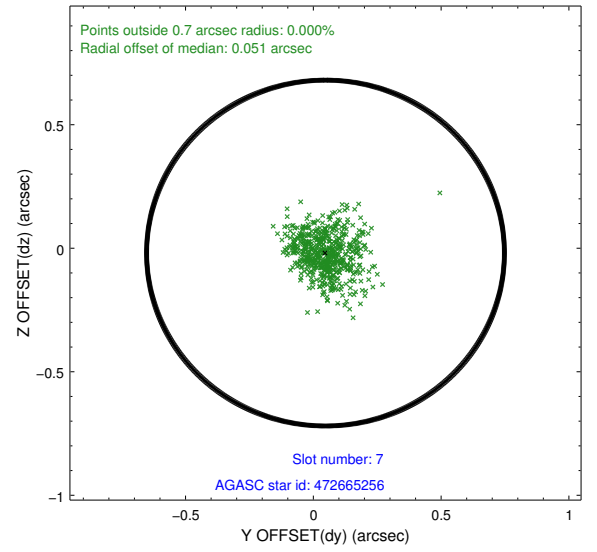
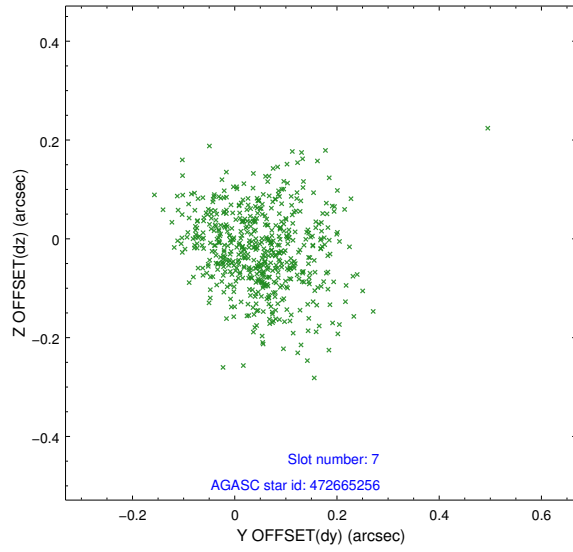
2.4.3 Slot 5



2.4.4 Slot 6

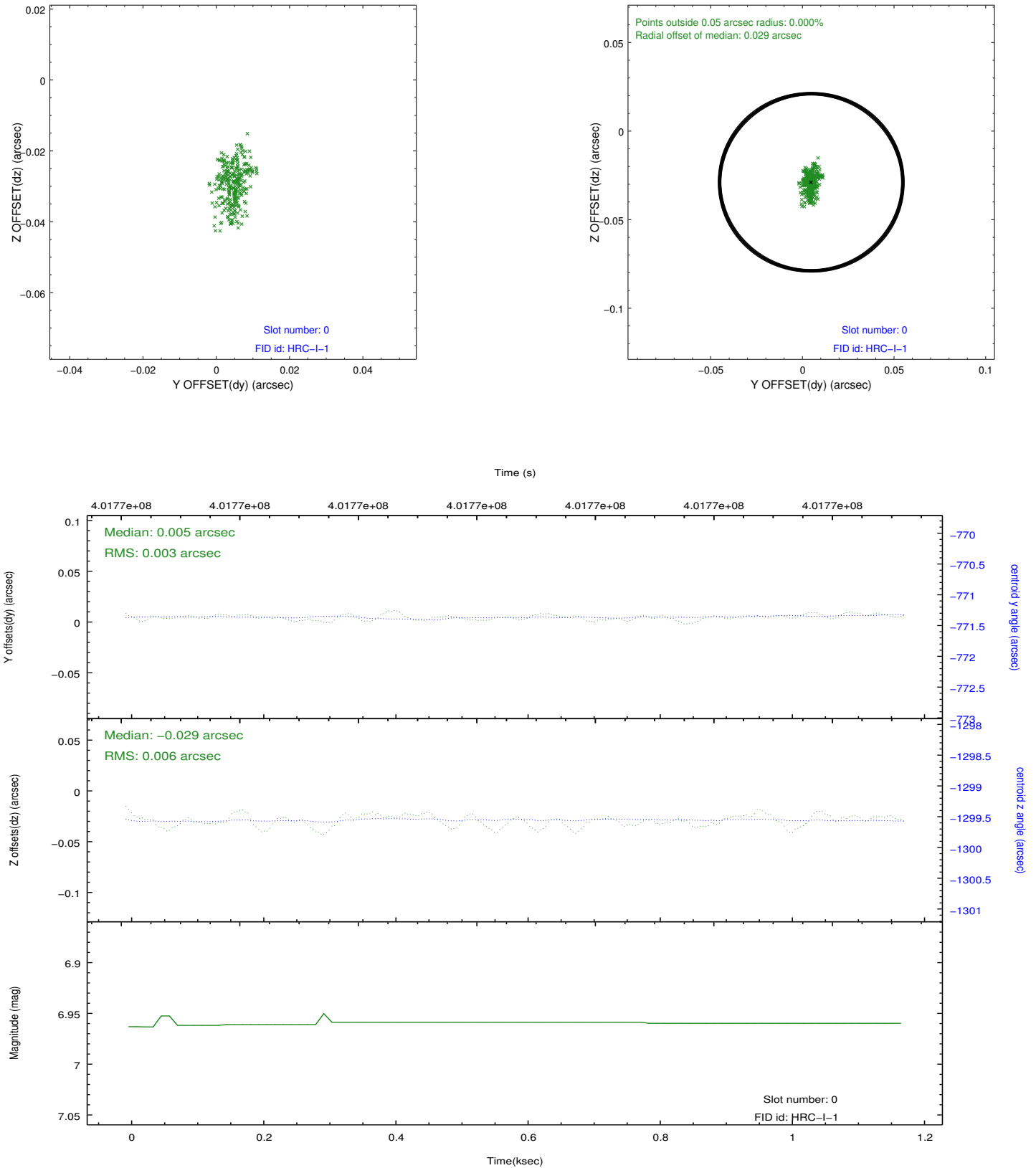


2.4.5 Slot 7

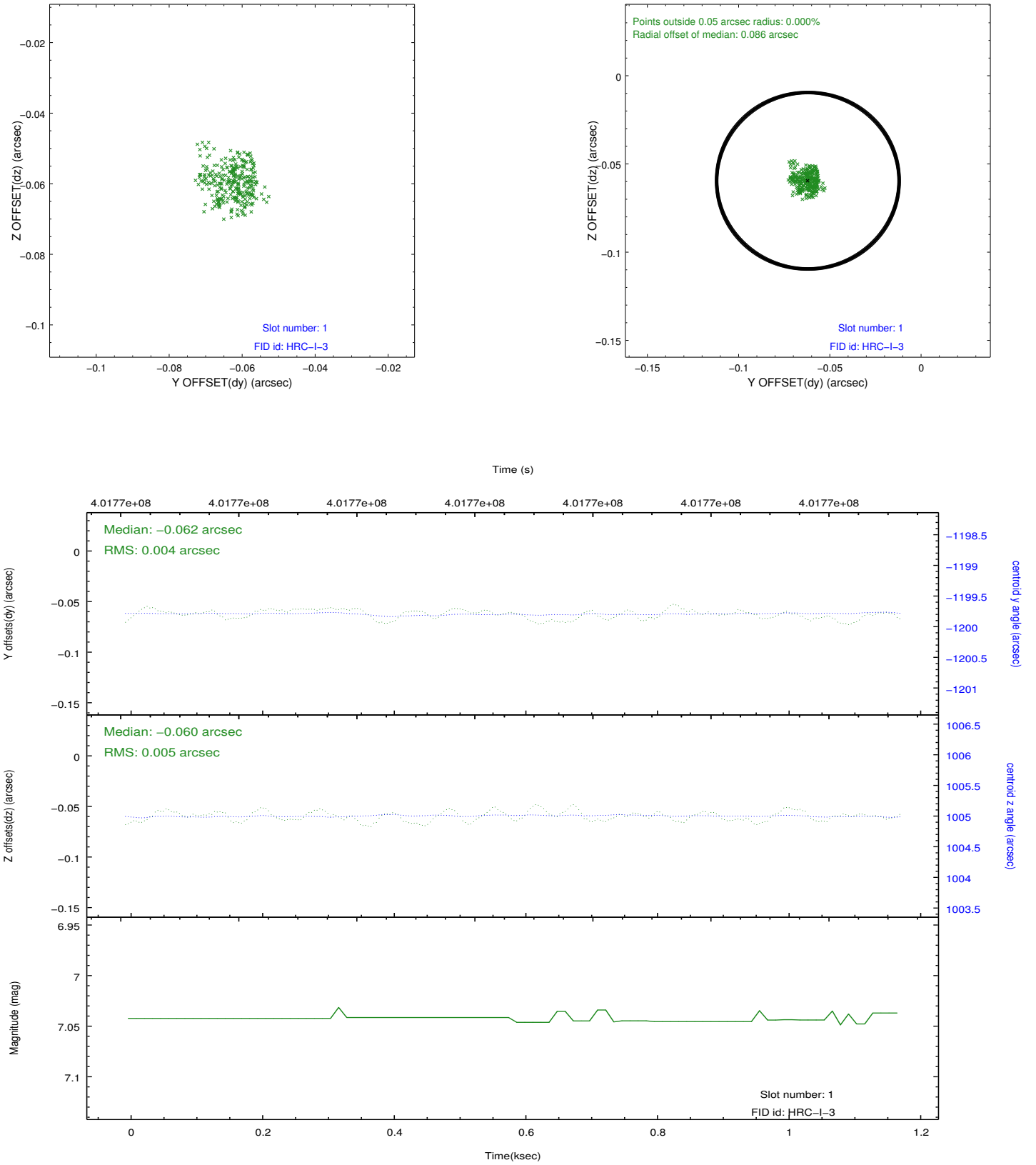


2.5 FID Slots

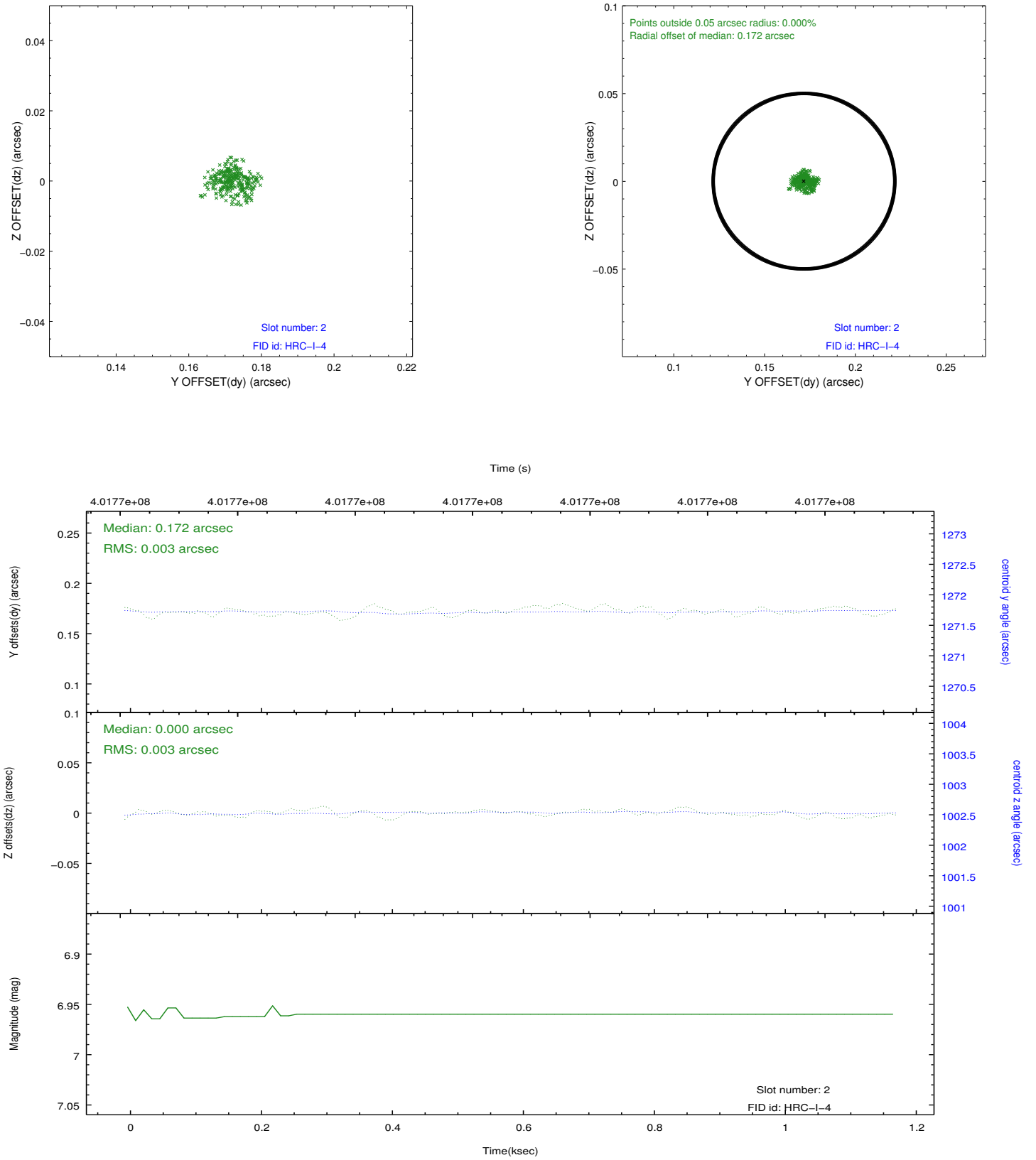
2.5.1 Slot 0



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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313105583

A.2 Comments