

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13048 - L2 Version 3
Chandra X-Ray Center

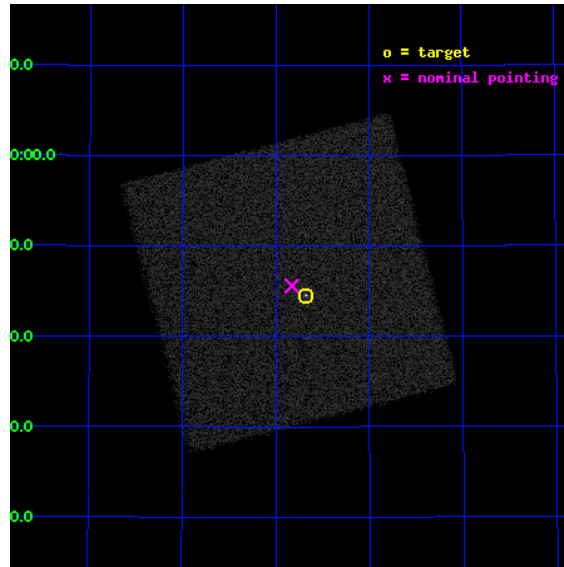
L2 Processing Date : Jul 27 2012

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1 Front

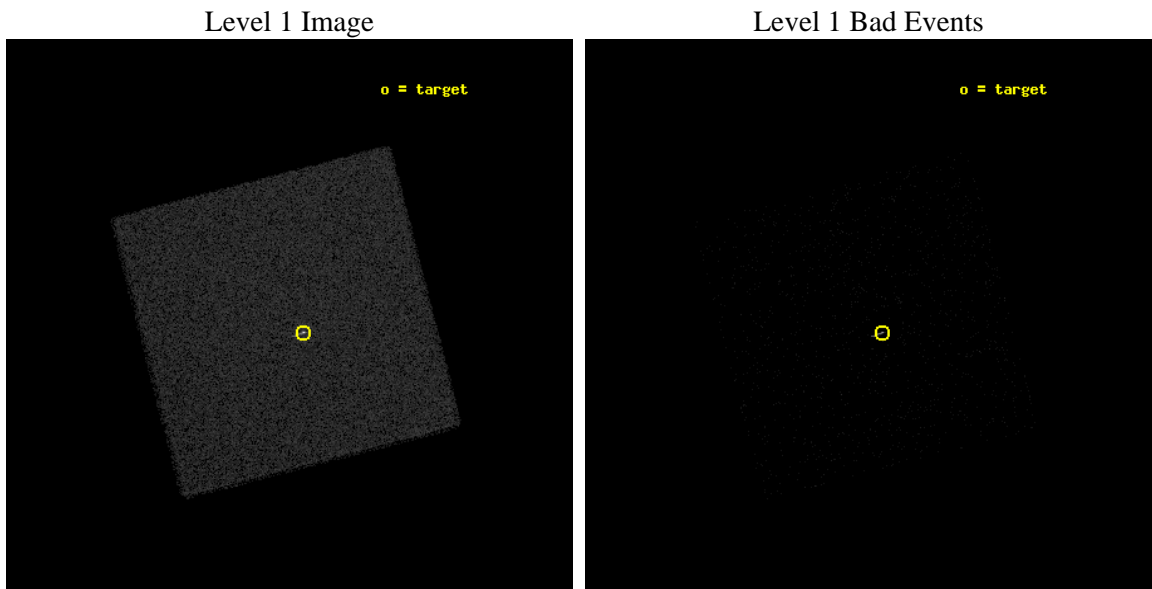
seq_num	290967	Sequence number
obs_id	13048	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.20720840666	Nominal RA [deg]
dec_nom	45.760223429939	Nominal Dec [deg]
roll_nom	210.49529864994	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1180.0313117504	[s]
livetime	1168.8919545757	Ontime multiplied by DTCOR
l2events	81907	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	1180.0313117504	[s]
caldbver	4.5.1	 	l1events	142276	Number of level 1 events
date	2012-07-28T01:33:41	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

Level 1 Events

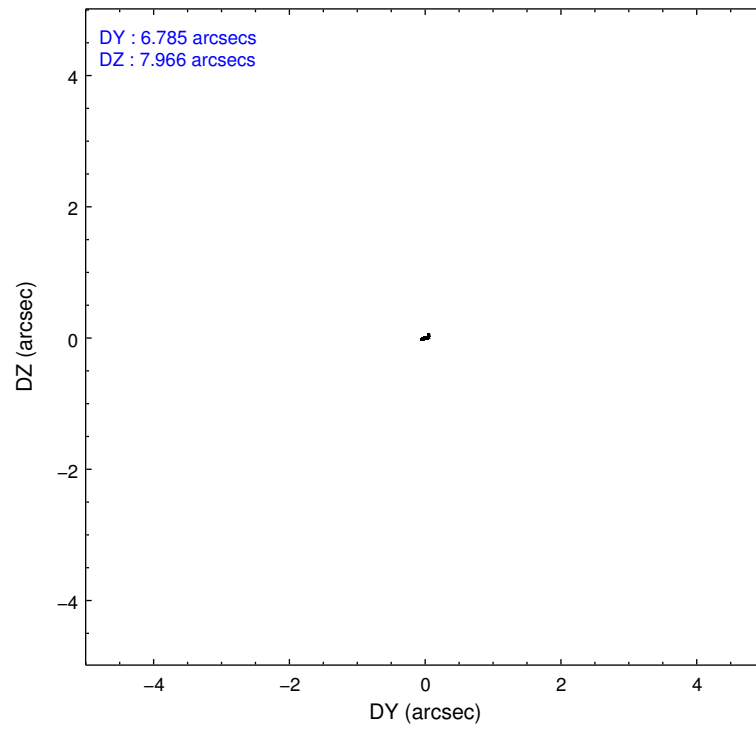
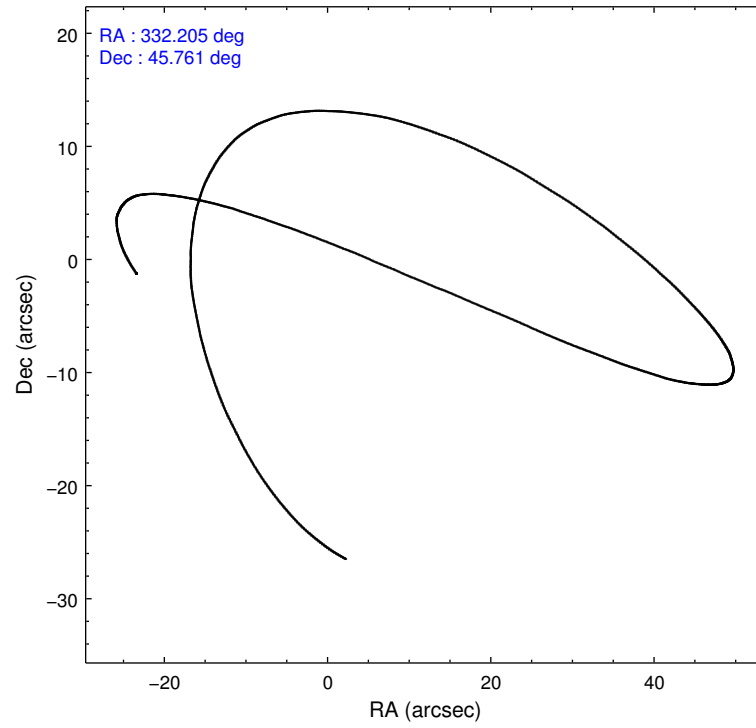
	segment 0
level 1 events	142276
rejected events	30899
rejected %	21%

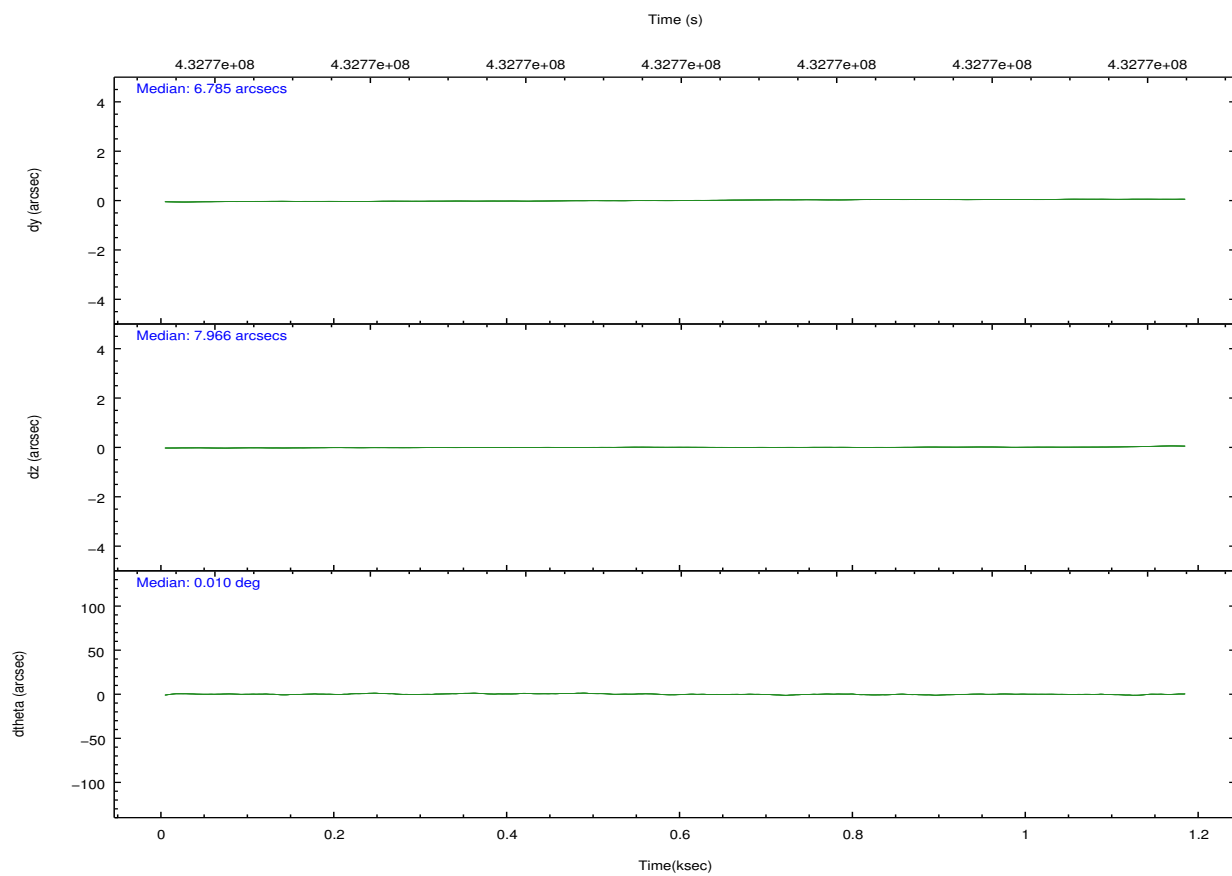
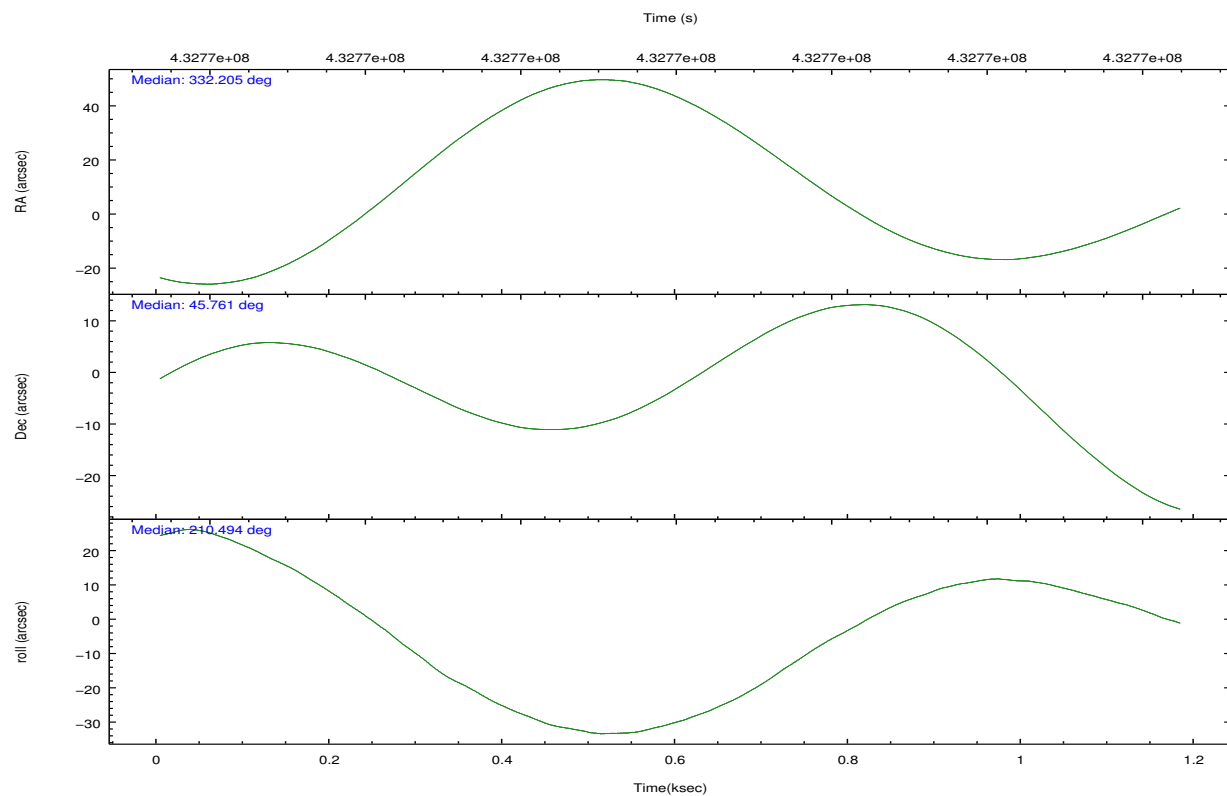
2.2 Compared Parameters

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	332.226643	332.2072084066634
[deg] Pointing Dec	45.783874	45.76022342993875
[deg] Pointing Roll	210.576849	210.4952986499368
[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)	432769785.184000	432769409.79766
Observation start date	2011-09-18T21:48:39	2011-09-18T21:43:29
[s] Observation end time (MET)	432770785.184000	432770919.62274
Observation end date	2011-09-18T22:05:19	2011-09-18T22:08:39

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

2.3 Aspect



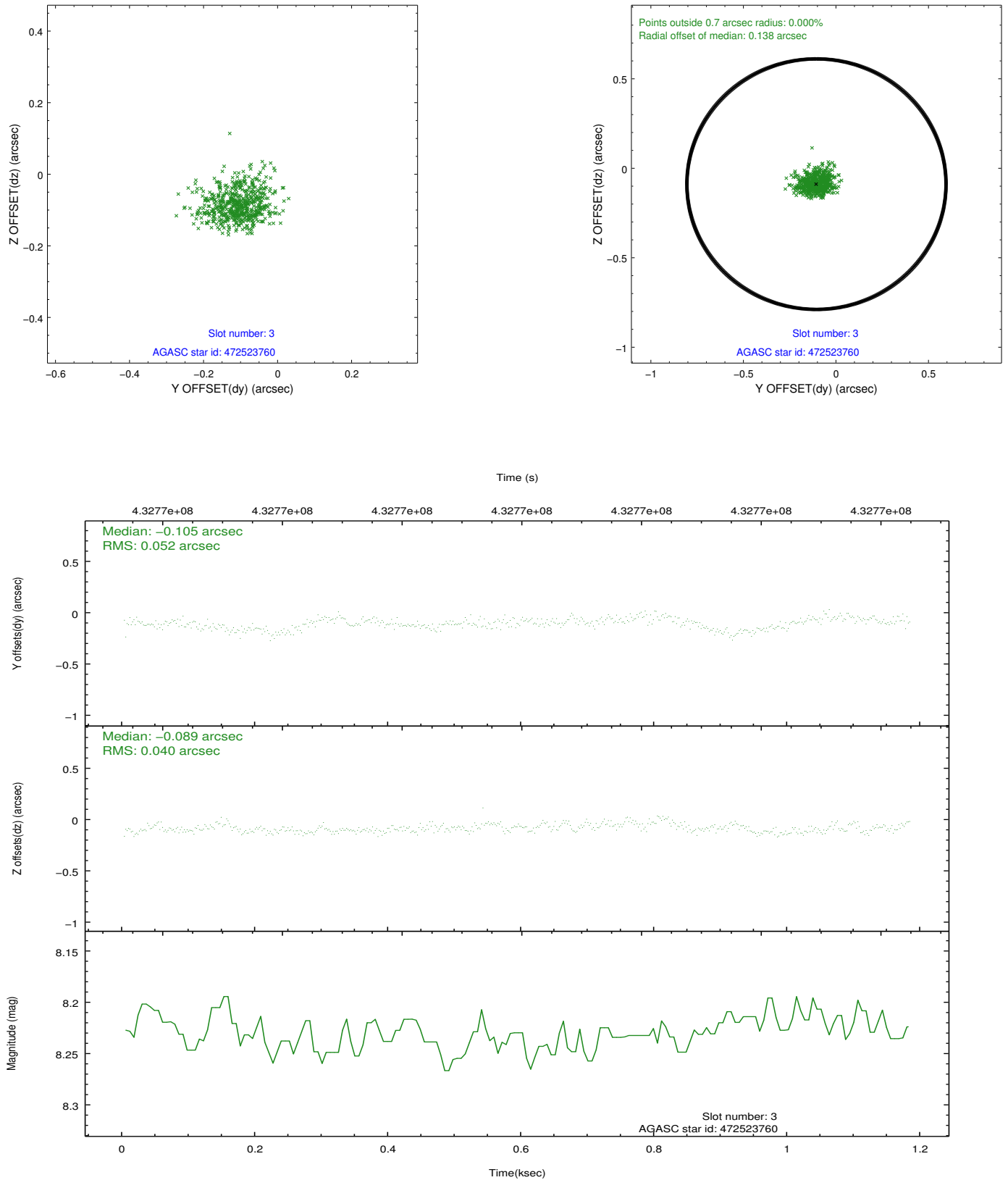


Slot Statistics

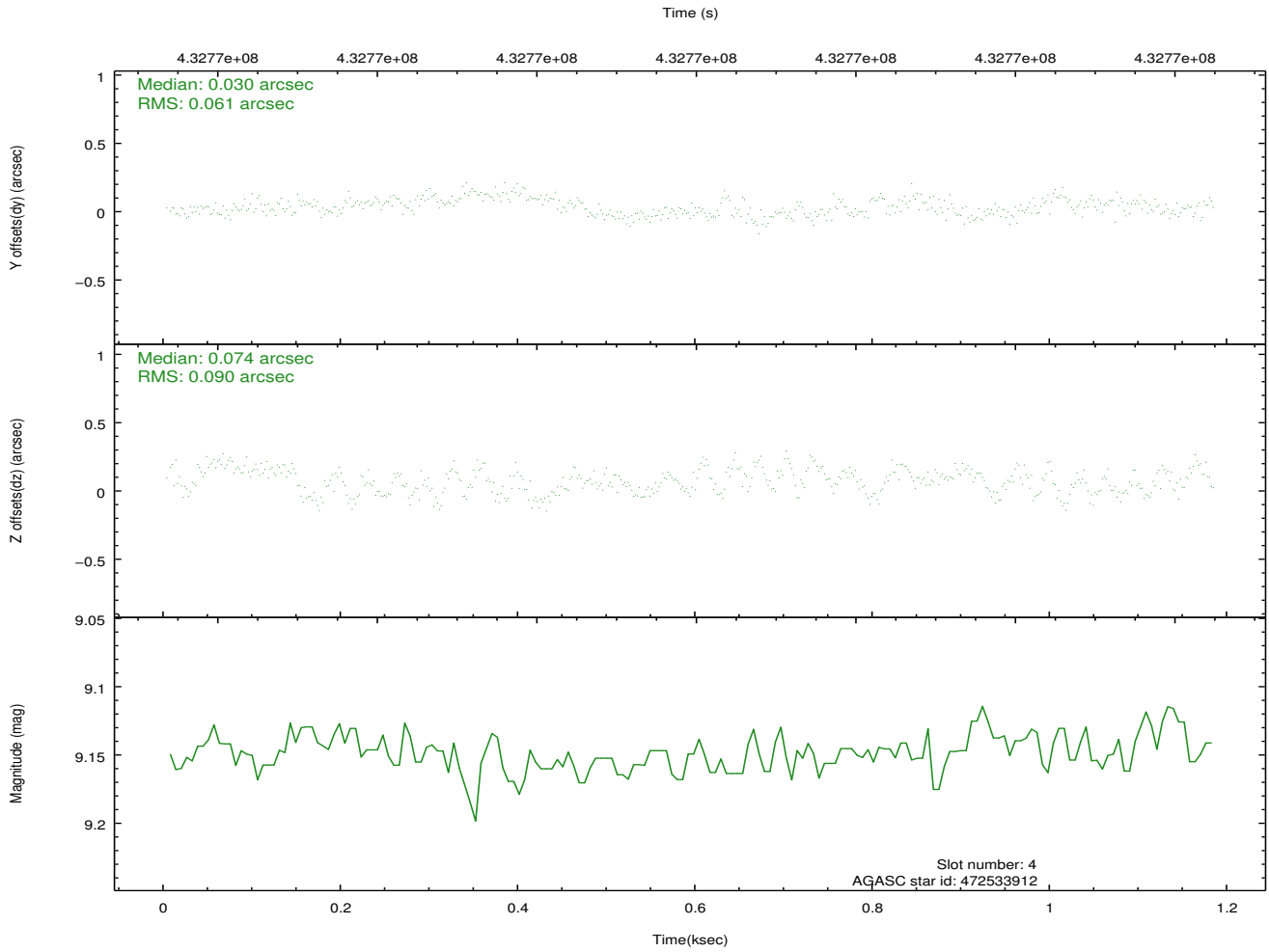
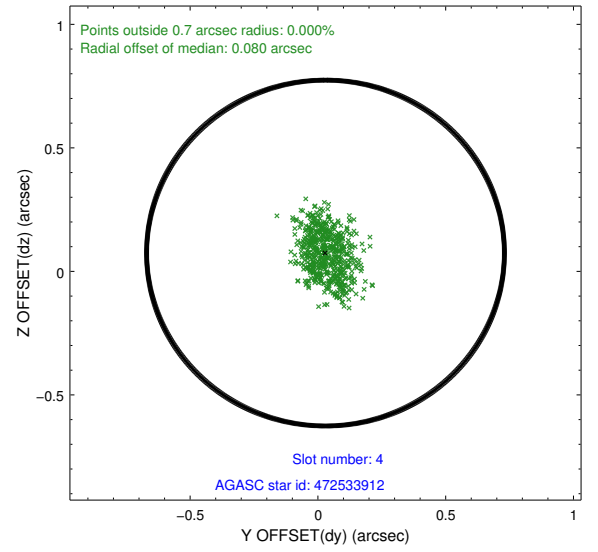
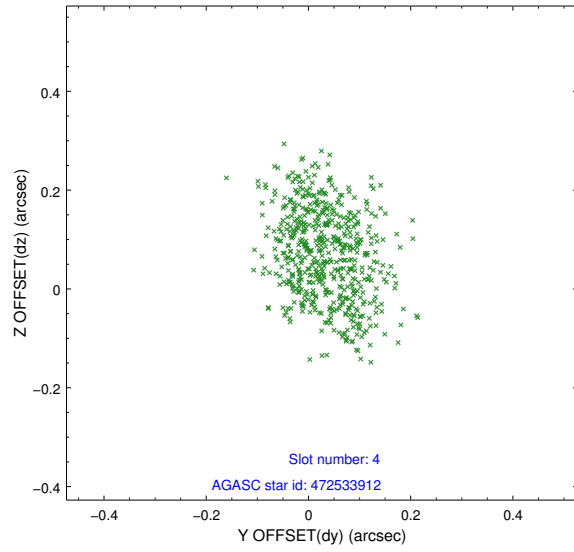
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	288	-0.012	0.035	0.006	0.011	0.000000	0.000000	-762.42	-1295.78
1	FID	HRC-I-2	6.98	288	0.191	-0.156	0.006	0.010	0.000000	0.000000	847.77	-1302.09
2	FID	HRC-I-3	7.03	289	-0.059	0.032	0.005	0.011	0.000000	0.000000	-1187.96	1004.28
3	GUIDE	472523760	8.23	577	-0.105	-0.089	0.069	0.120	331.645363	45.403260	1958.05	430.23
4	GUIDE	472533912	9.15	576	0.030	0.074	0.118	0.185	331.791136	46.368695	-138.75	-2362.14
5	GUIDE	472665256	9.01	577	0.097	0.139	0.080	0.129	332.808125	46.195041	-2004.53	-543.33
6	GUIDE	420754040	9.05	577	-0.013	0.044	0.084	0.132	331.917939	44.882543	2321.75	2393.84
7	GUIDE	472655152	9.43	572	0.001	-0.179	0.122	0.199	332.504239	45.862991	-741.77	114.40

2.4 Star Slots

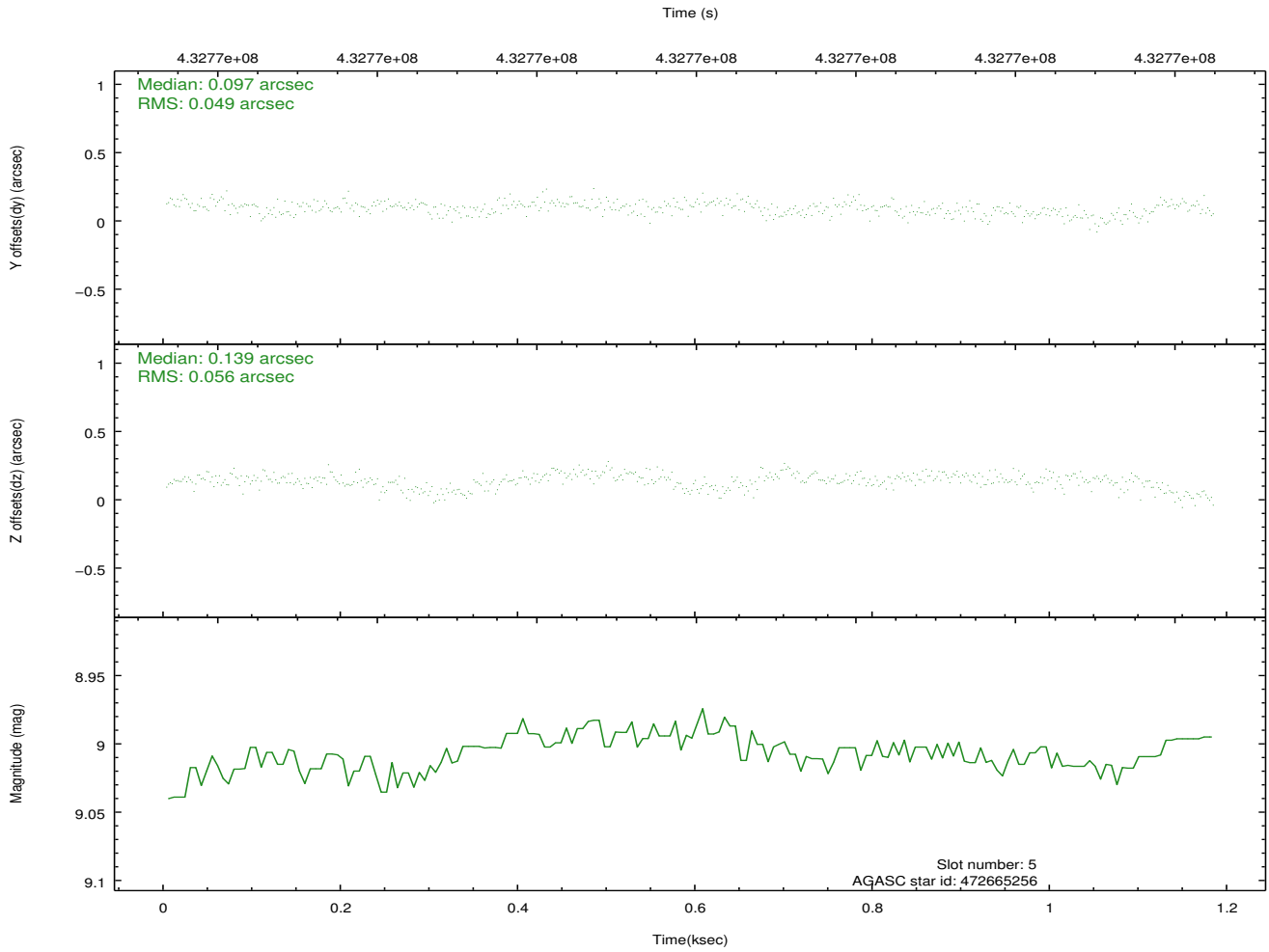
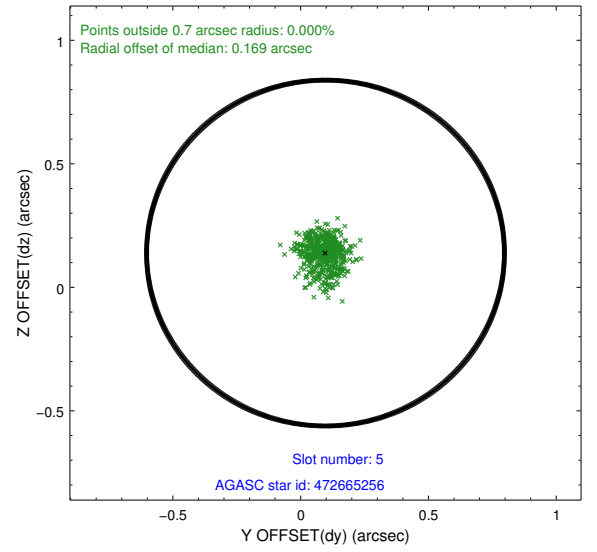
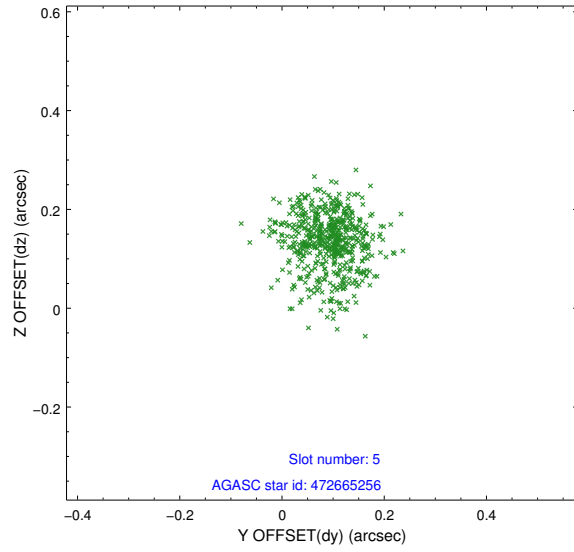
2.4.1 Slot 3



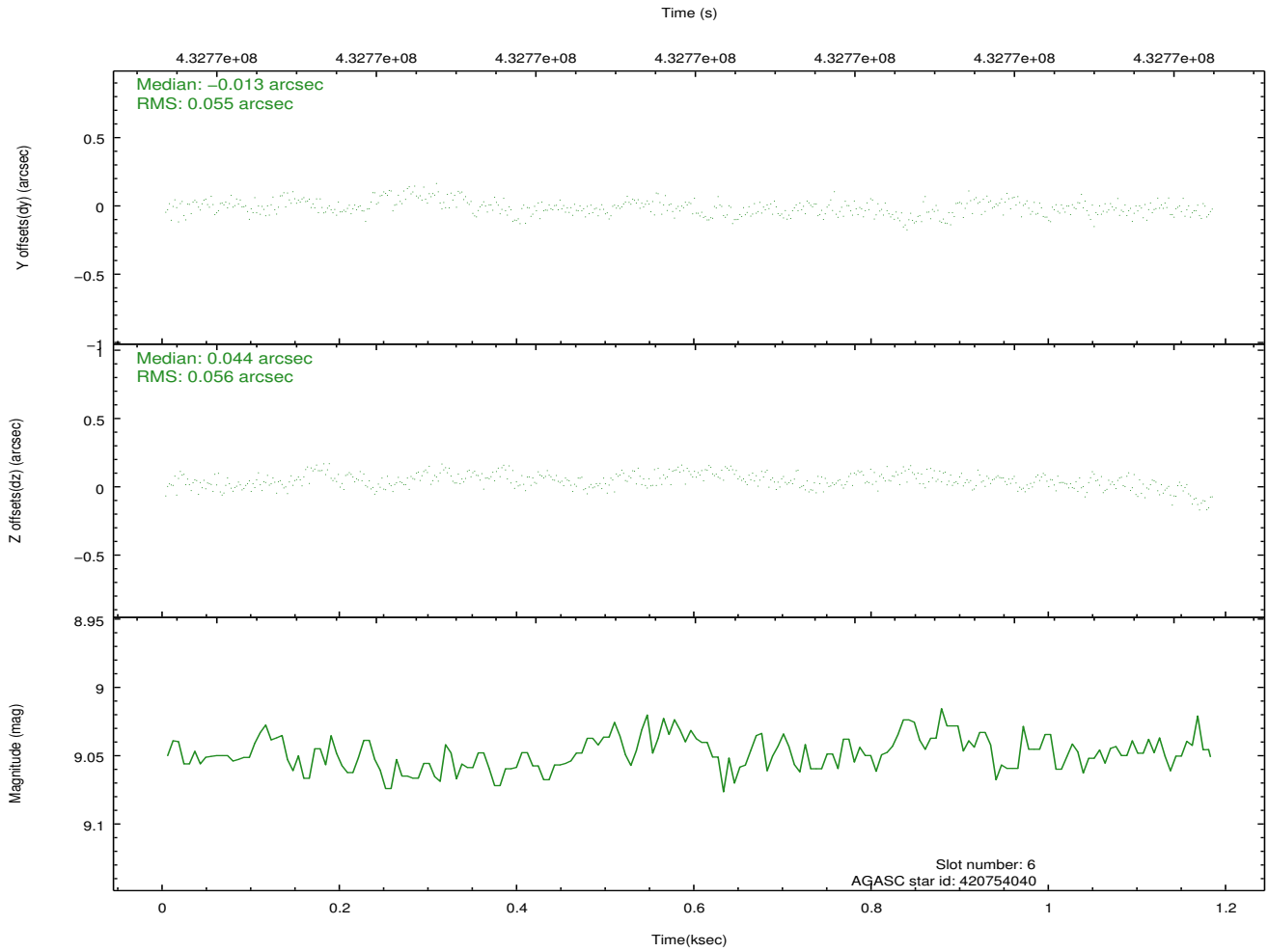
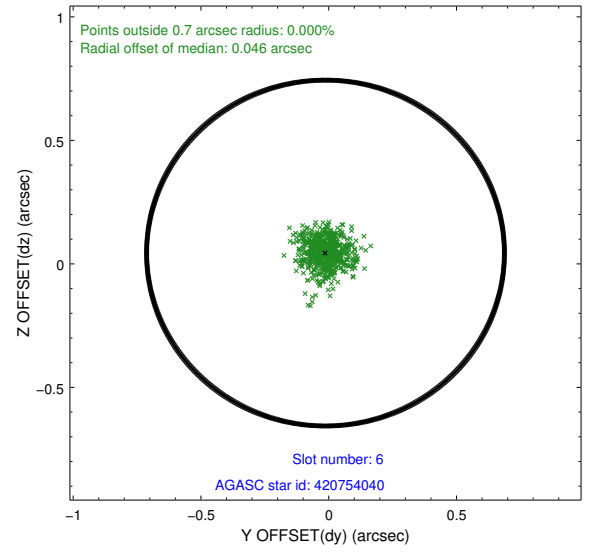
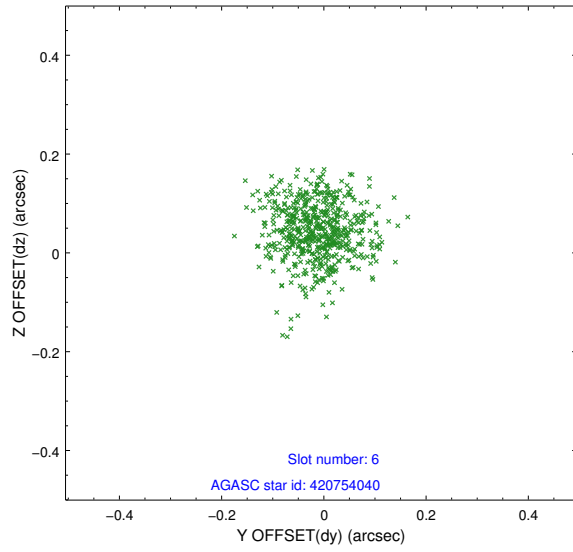
2.4.2 Slot 4



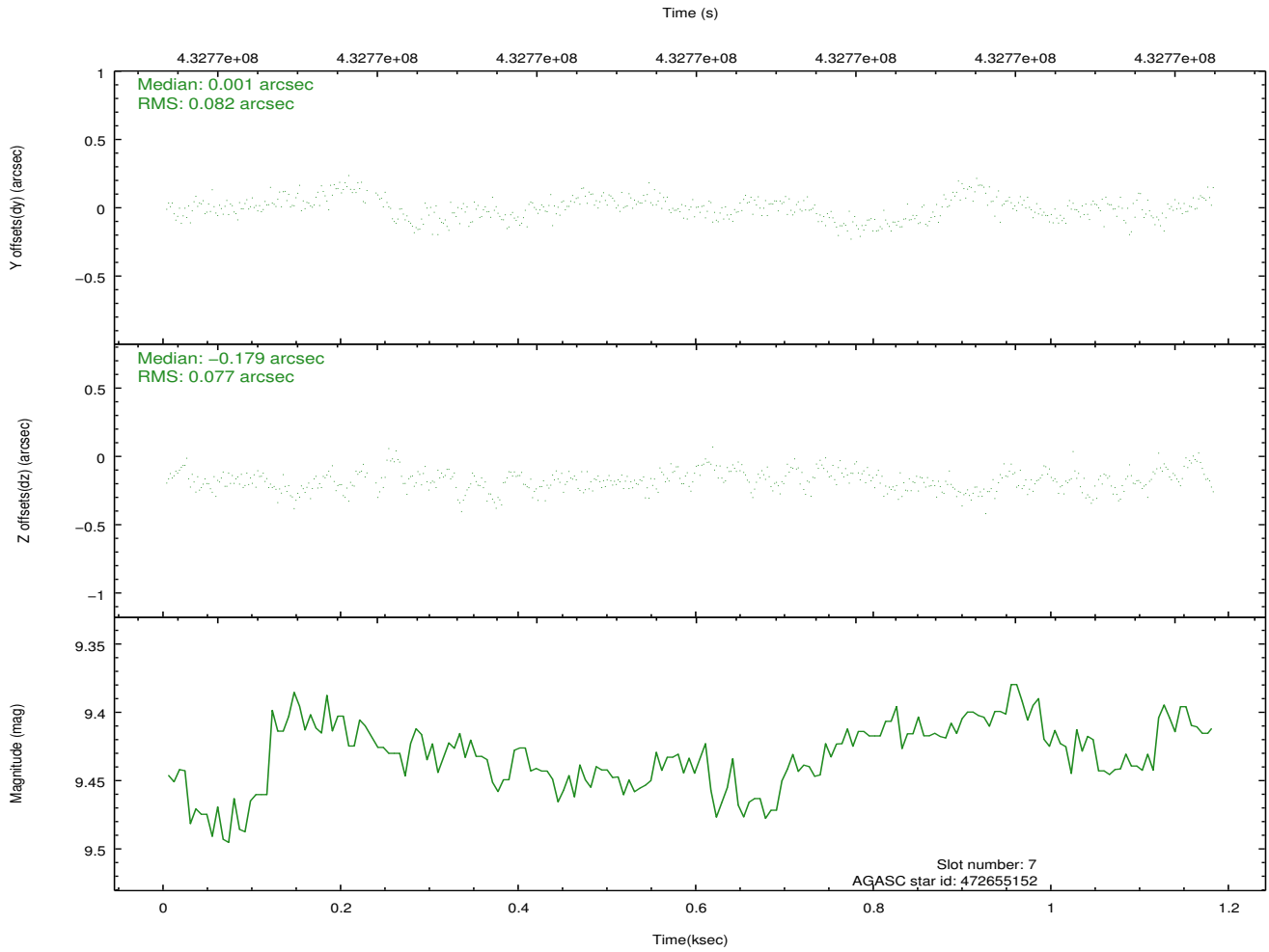
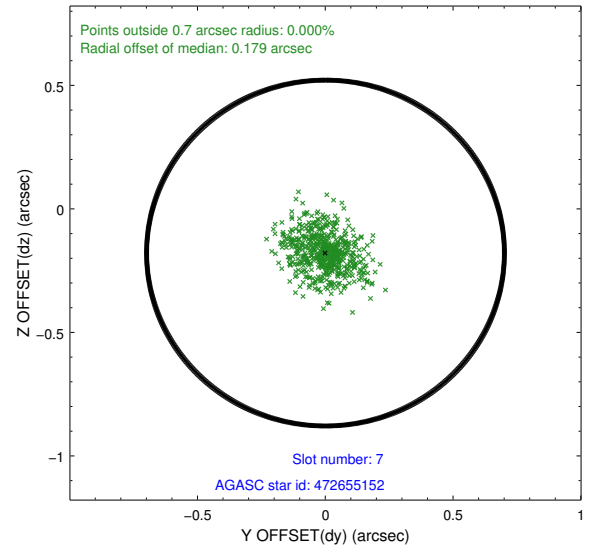
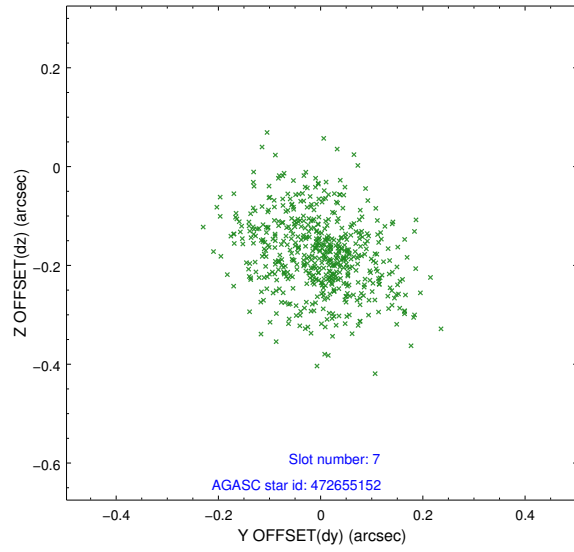
2.4.3 Slot 5



2.4.4 Slot 6

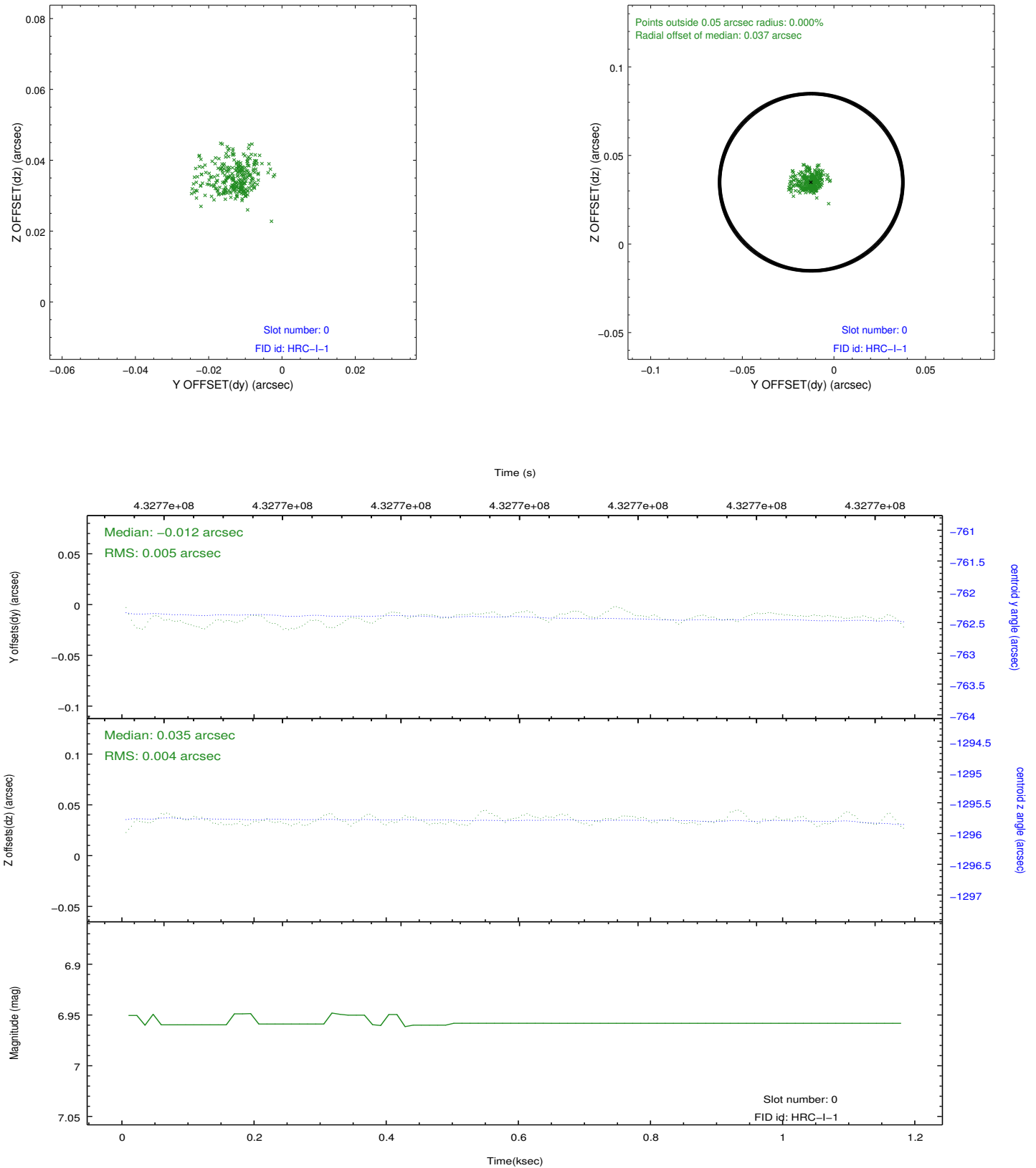


2.4.5 Slot 7

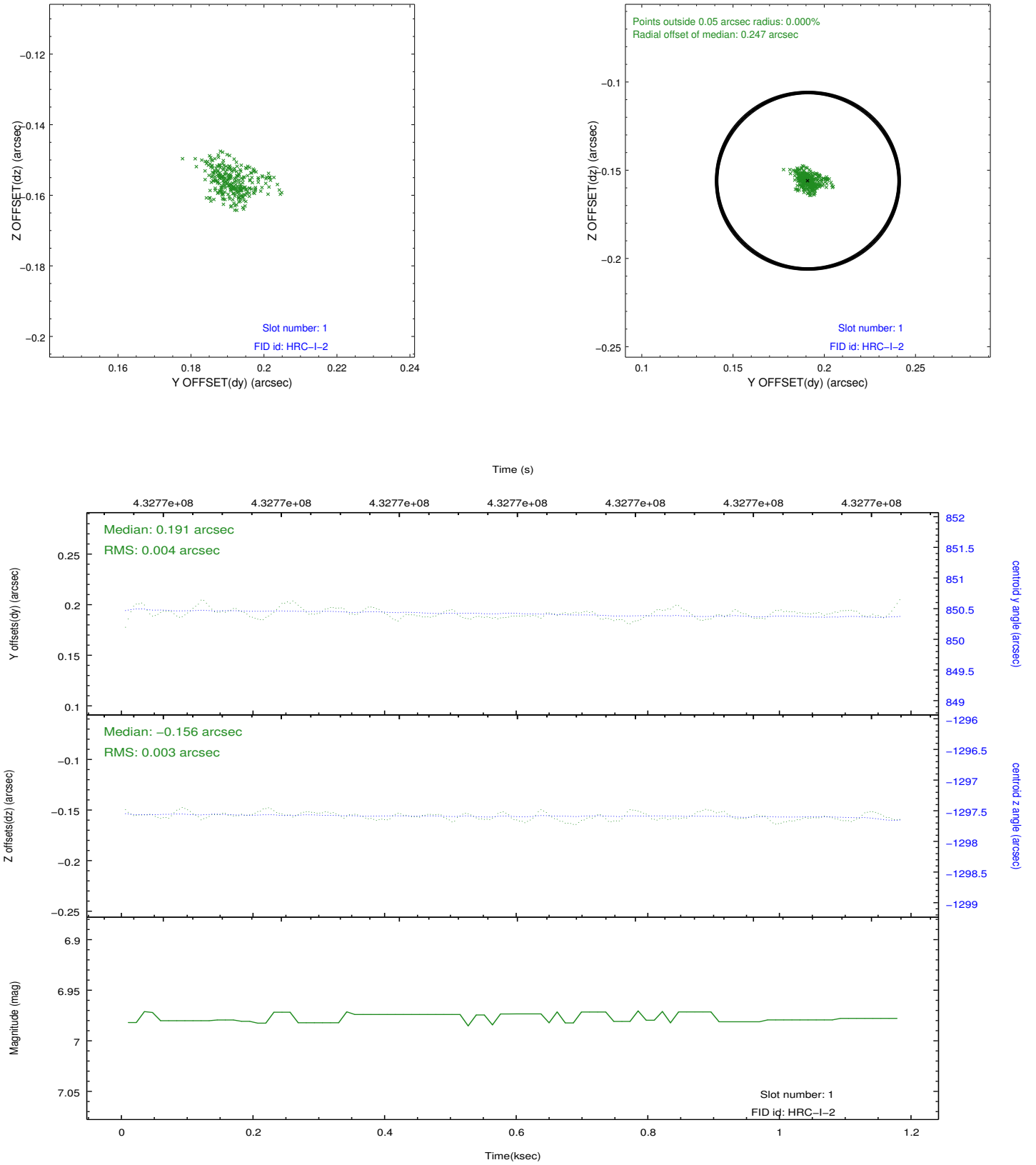


2.5 FID Slots

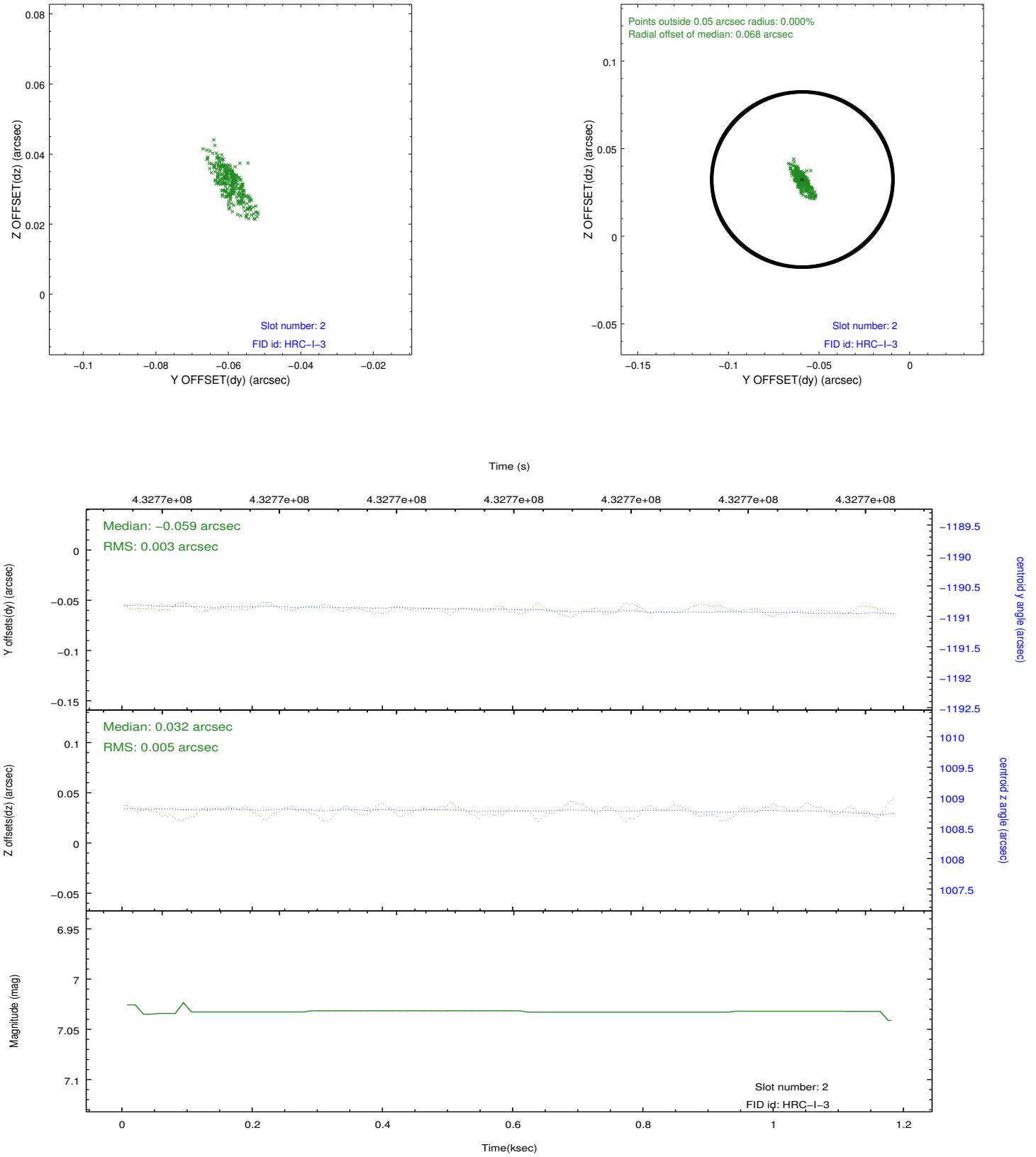
2.5.1 Slot 0



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)	2012.08.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1800313116908

A.2 Comments