

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8302 - L2 Version 4
Chandra X-Ray Center

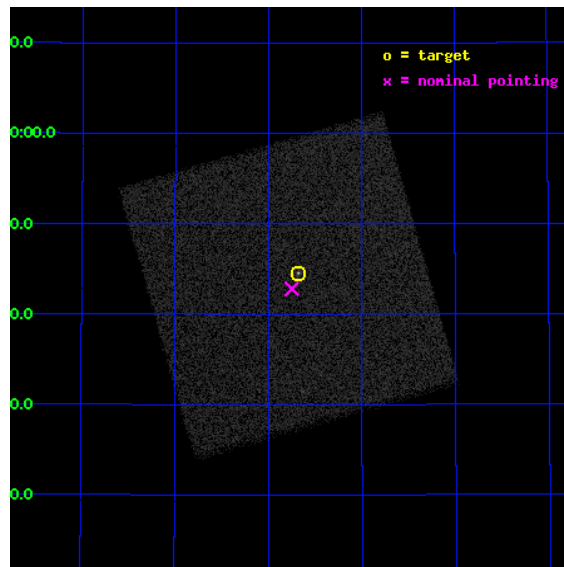
L2 Processing Date : Aug 11 2012

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1 Front

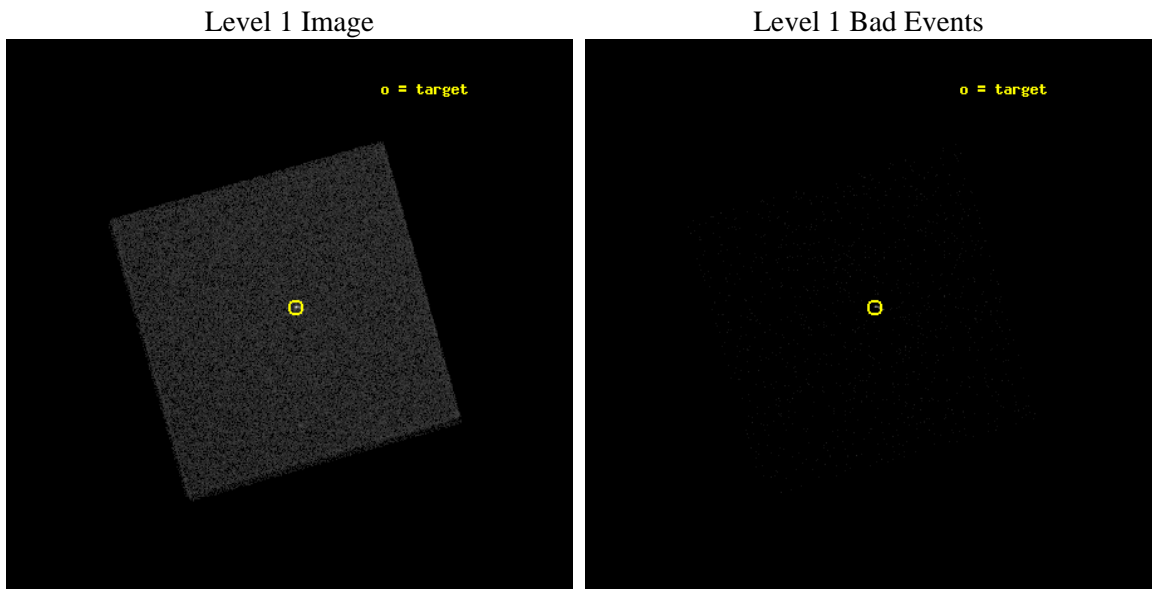
seq_num	290681	Sequence number
obs_id	8302	Observation id
title	AO8 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.1870503976	Nominal RA [deg]
dec_nom	45.713778790942	Nominal Dec [deg]
roll_nom	209.01445162773	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1181.8250569105	[s]
livetime	1169.4086921658	Ontime multiplied by DTCOR
l2events	74104	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	1181.8250569105	[s]
caldbver	4.5.1.1	 	l1events	136873	Number of level 1 events
date	2012-08-12T00:59:44	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

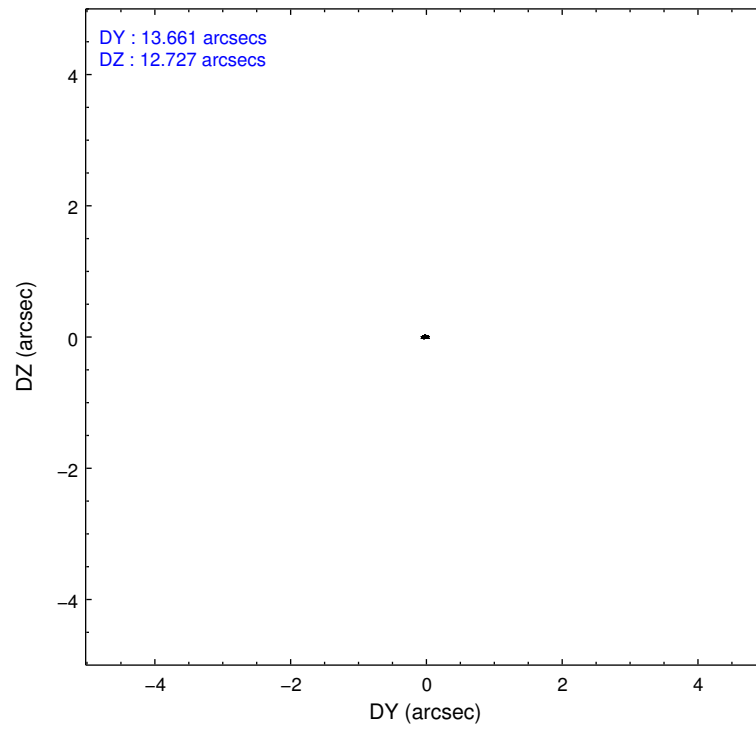
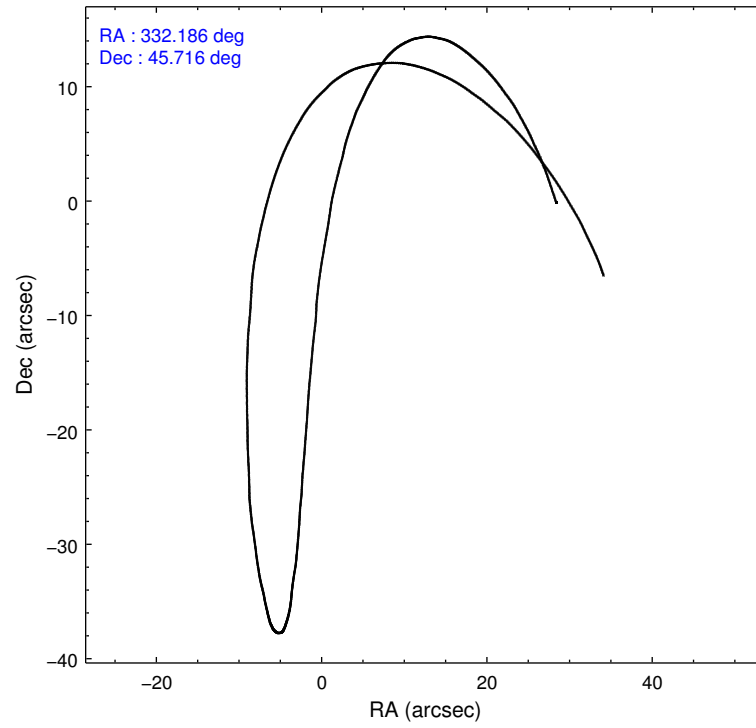
	segment 0
level 1 events	136873
rejected events	29265
rejected %	21%

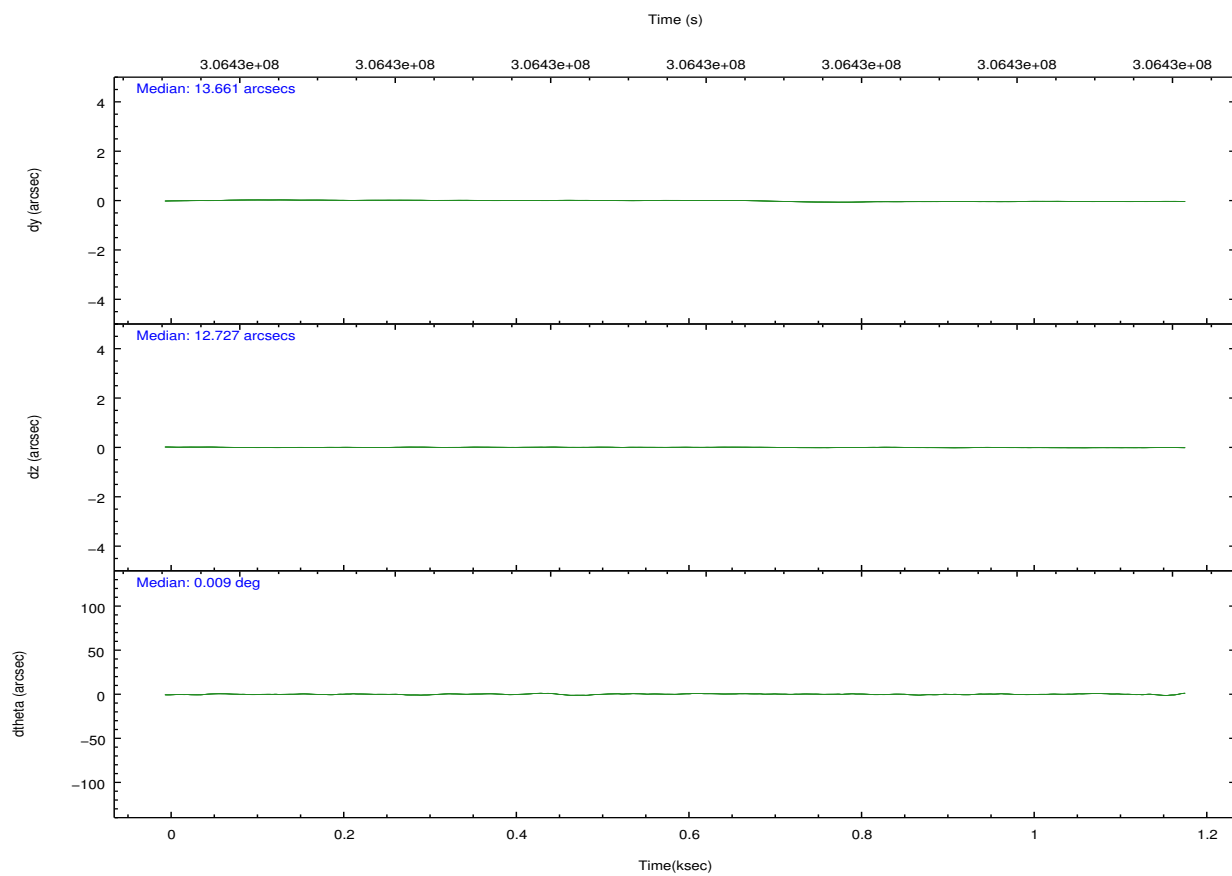
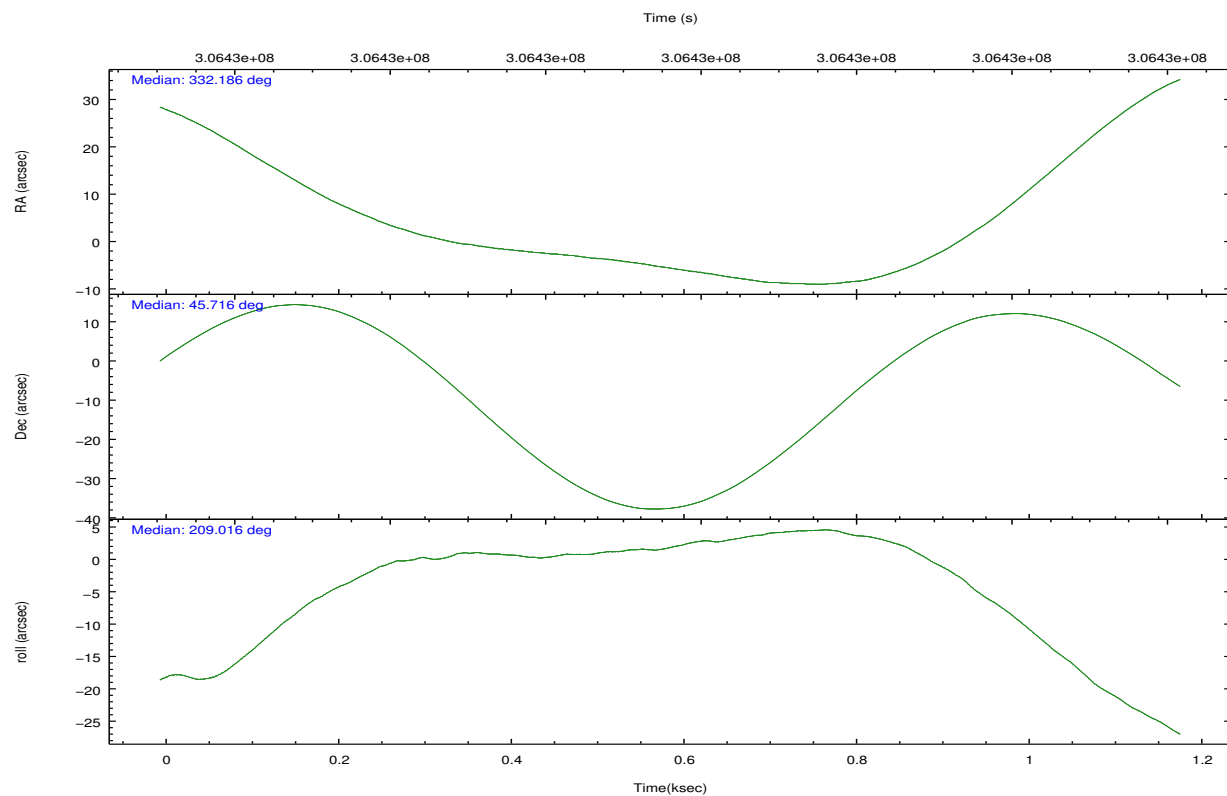
2.2 Compared Parameters

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	332.206514	332.1870503976001
[deg] Pointing Dec	45.736270	45.71377879094199
[deg] Pointing Roll	209.095987	209.0144516277333
[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)	306430542.184000	306430166.22597
Observation start date	2007-09-17T15:34:37	2007-09-17T15:29:26
[s] Observation end time (MET)	306431542.184000	306431676.56355
Observation end date	2007-09-17T15:51:17	2007-09-17T15:54:36

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

2.3 Aspect



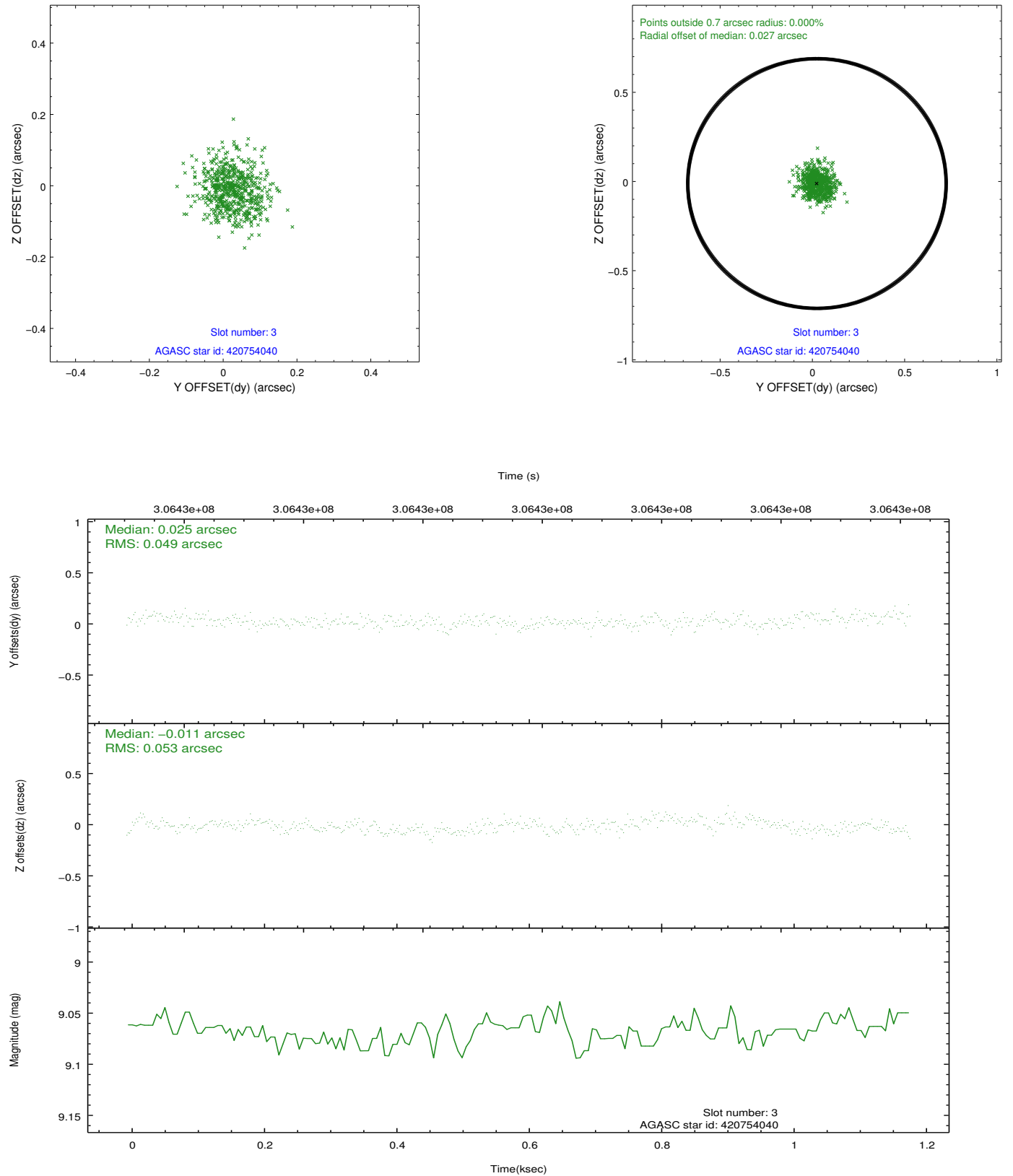


Slot Statistics

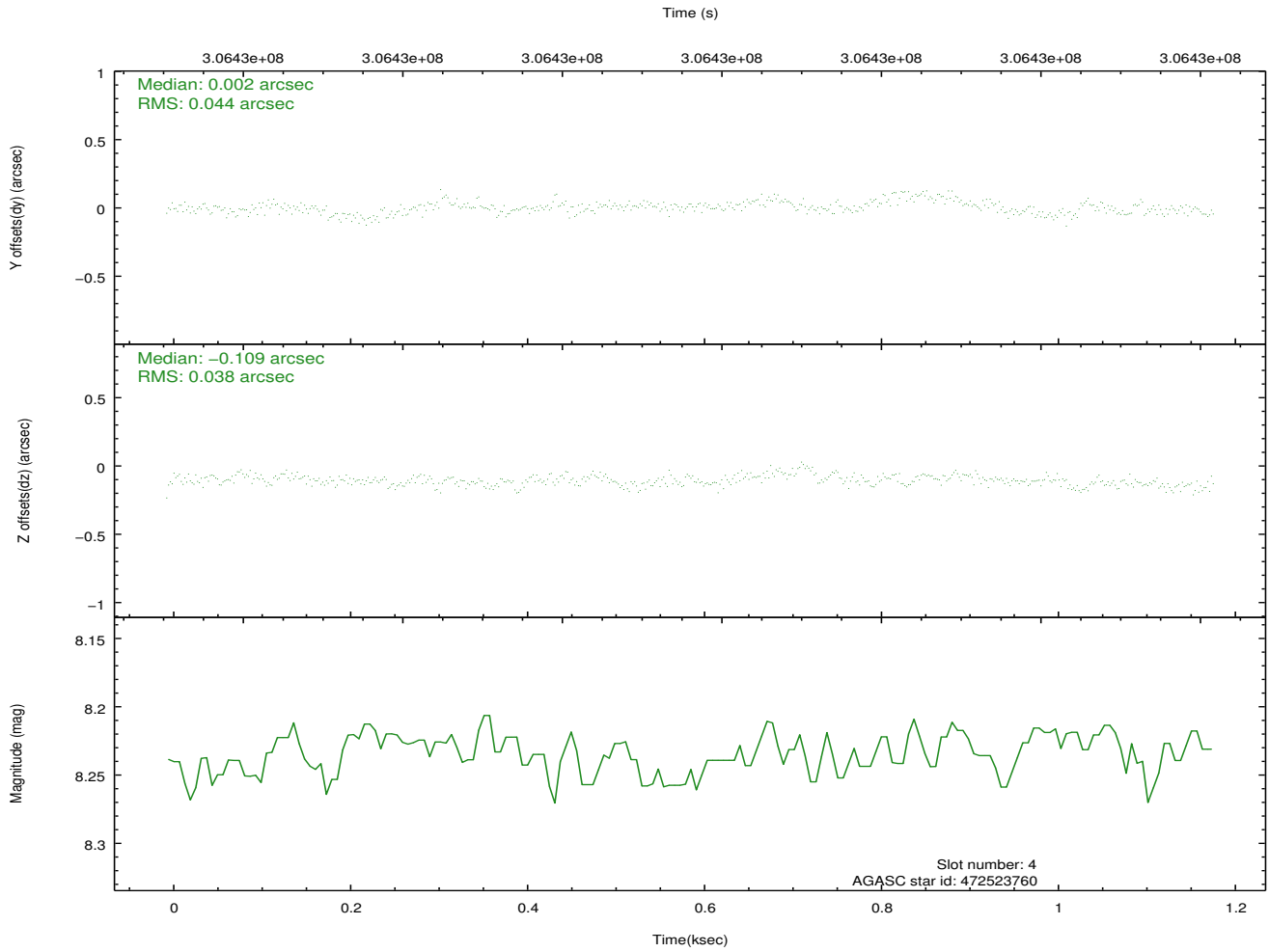
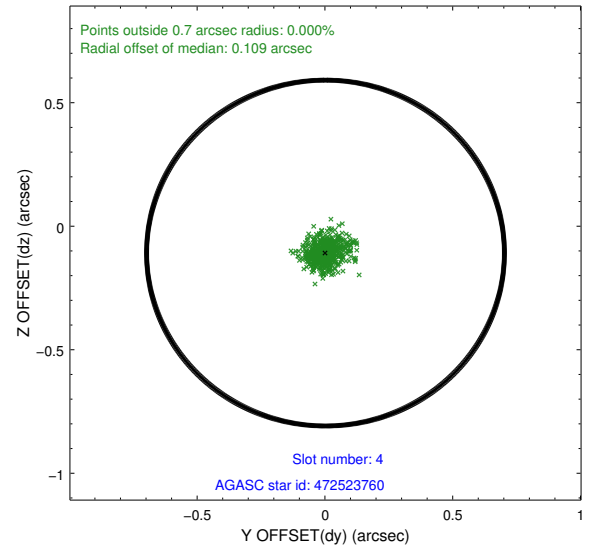
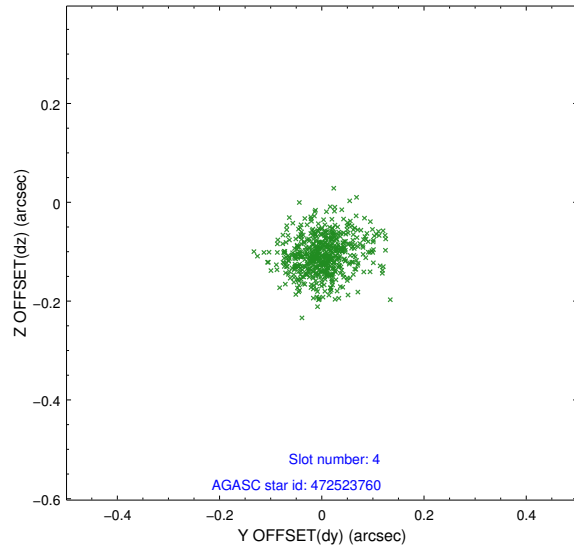
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	289	-0.059	0.034	0.006	0.012	0.000000	0.000000	-769.47	-1300.76
1	FID	HRC-I-2	7.02	289	0.241	-0.159	0.006	0.010	0.000000	0.000000	840.80	-1307.02
2	FID	HRC-I-3	7.07	289	-0.062	0.036	0.006	0.011	0.000000	0.000000	-1195.05	999.29
3	GUIDE	420754040	9.07	578	0.025	-0.011	0.077	0.124	331.917939	44.882543	2138.16	2330.70
4	GUIDE	472523760	8.23	578	0.002	-0.109	0.062	0.106	331.645363	45.403260	1825.56	361.43
5	GUIDE	472525528	6.64	578	-0.349	-0.017	0.079	0.151	331.551102	45.248694	2306.45	724.70
6	GUIDE	472665256	9.00	578	0.162	0.046	0.086	0.138	332.808125	46.195041	-2109.87	-713.83
7	GUIDE	472663080	9.41	577	0.145	0.088	0.095	0.170	332.652741	46.473840	-2261.17	-1782.12

2.4 Star Slots

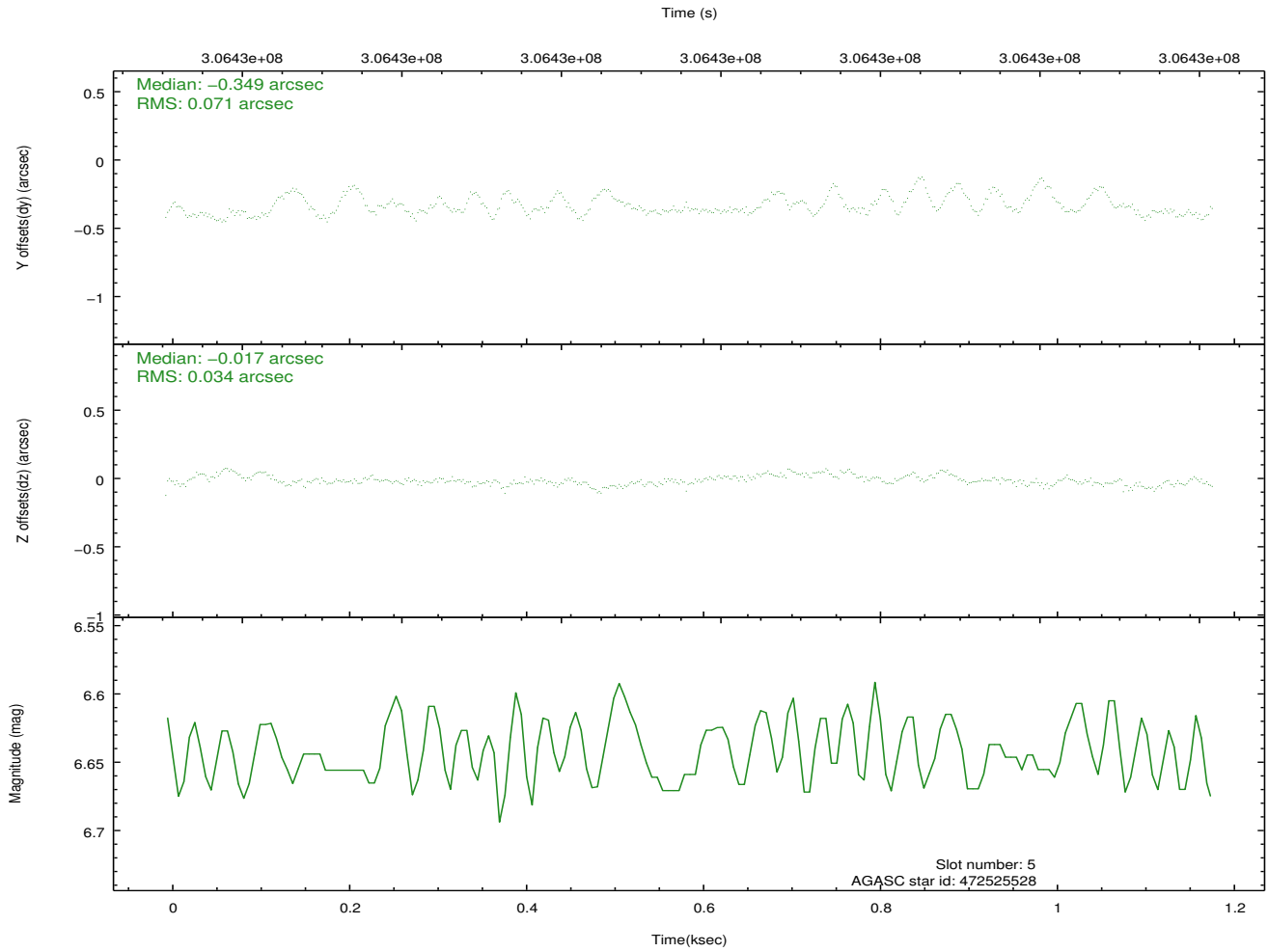
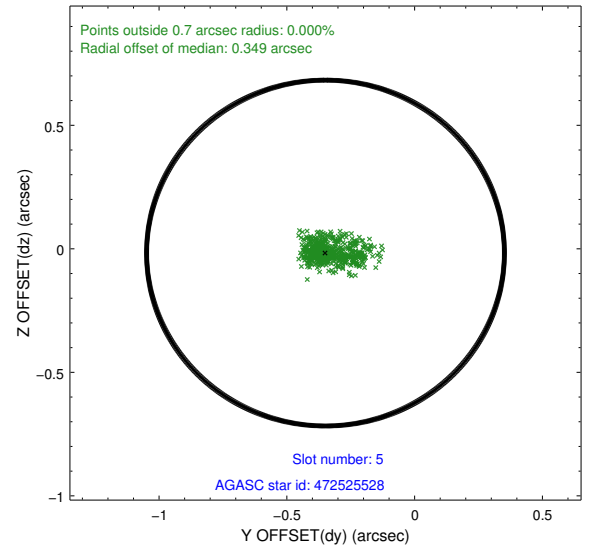
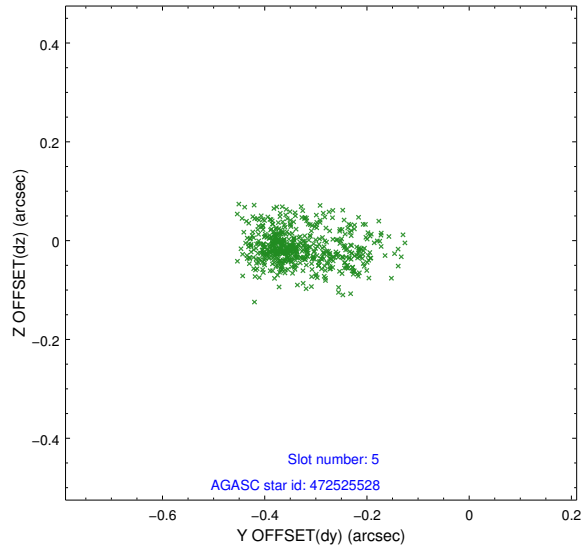
2.4.1 Slot 3



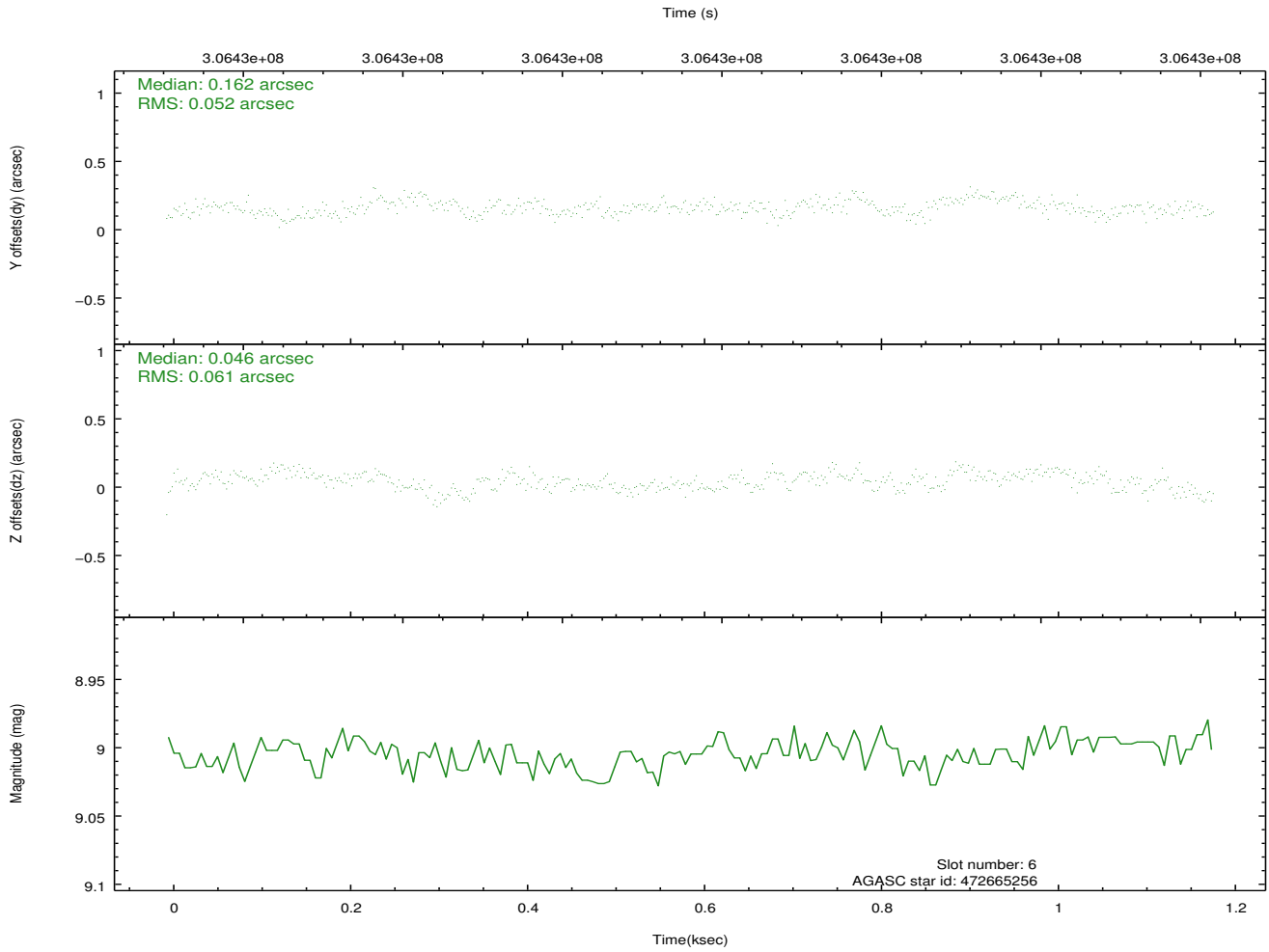
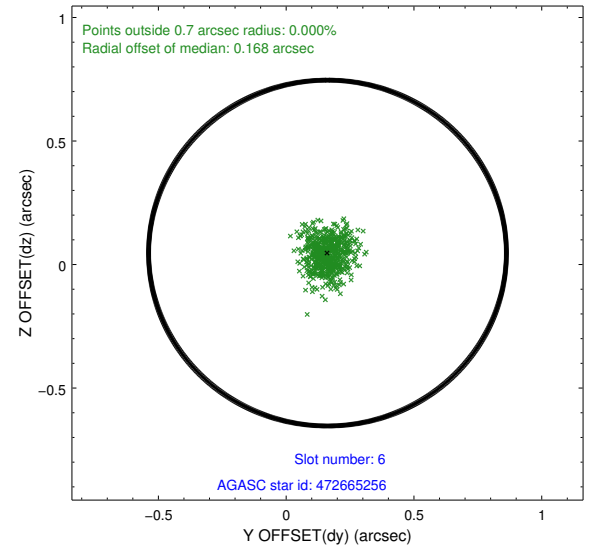
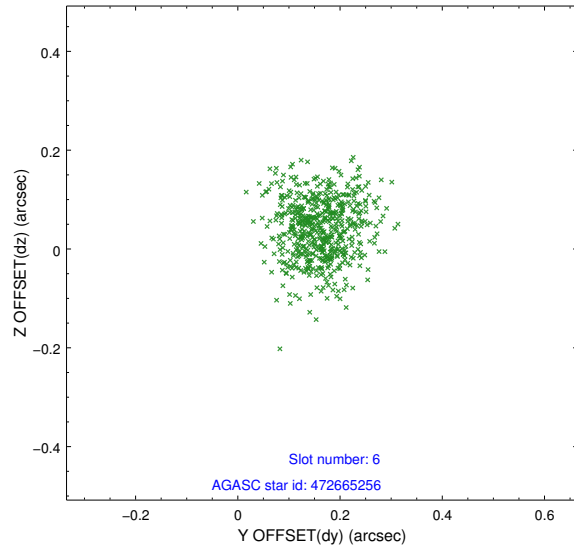
2.4.2 Slot 4



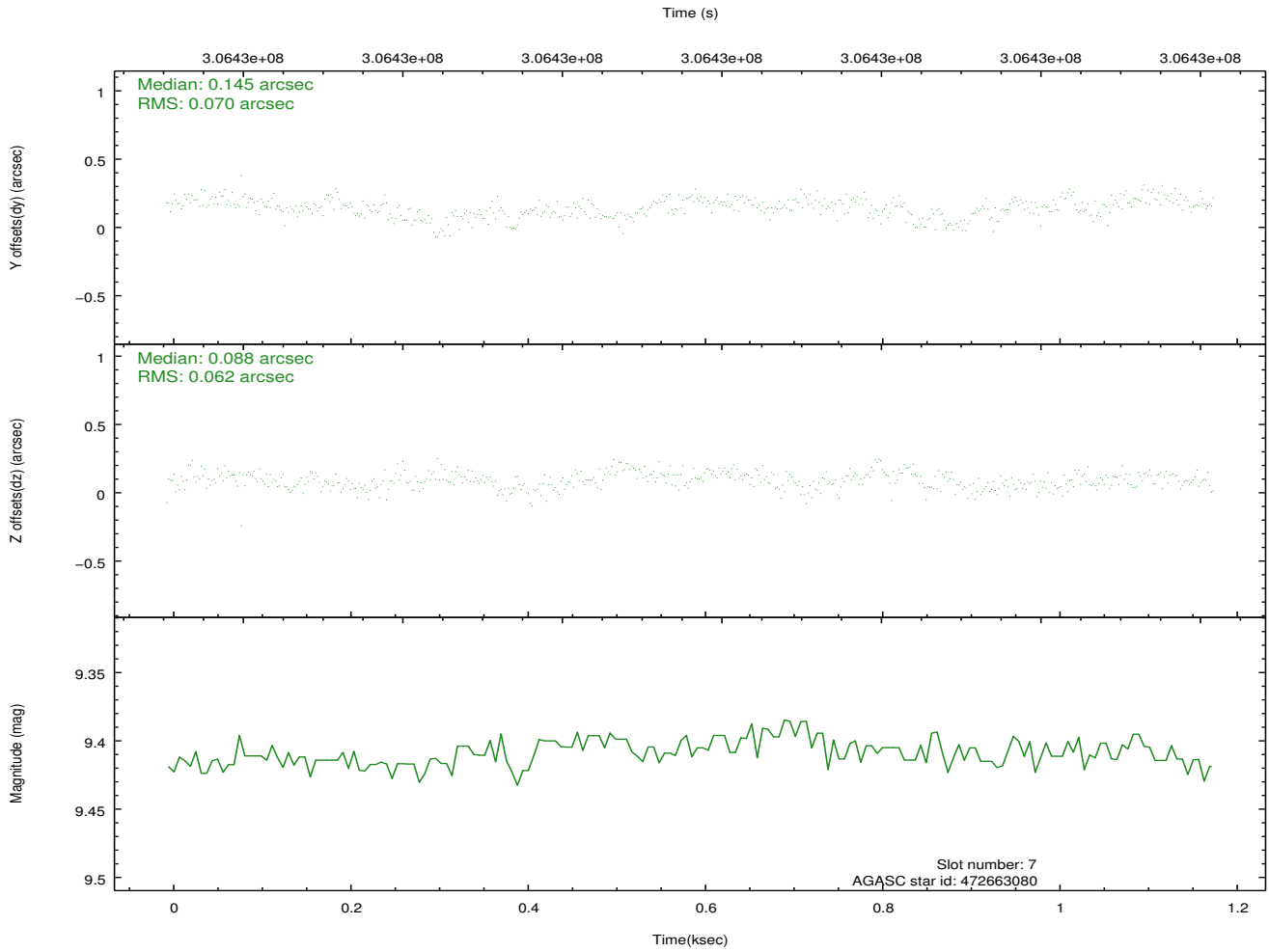
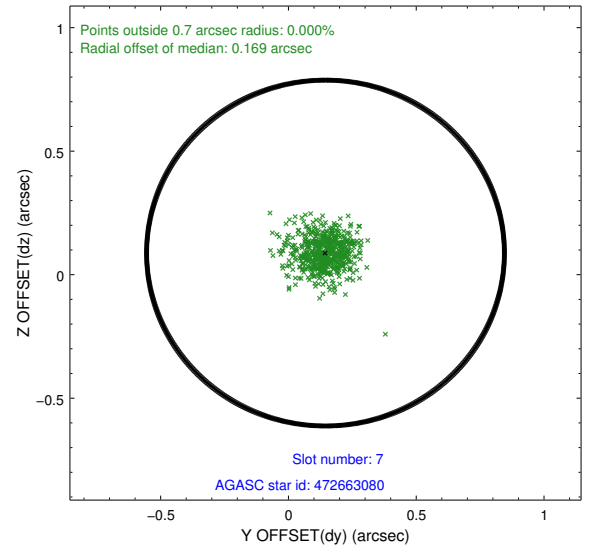
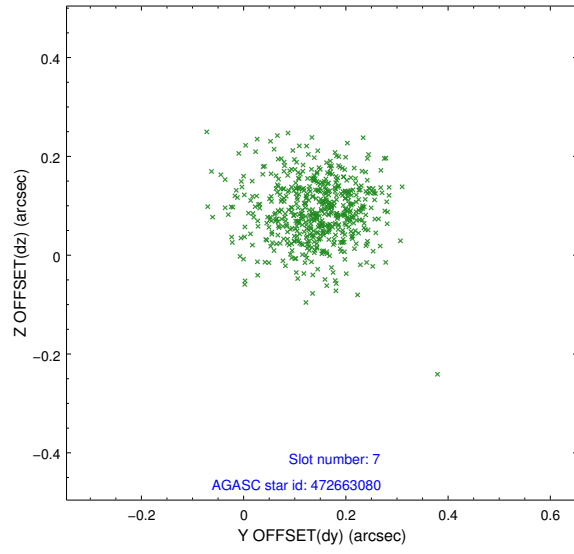
2.4.3 Slot 5



2.4.4 Slot 6

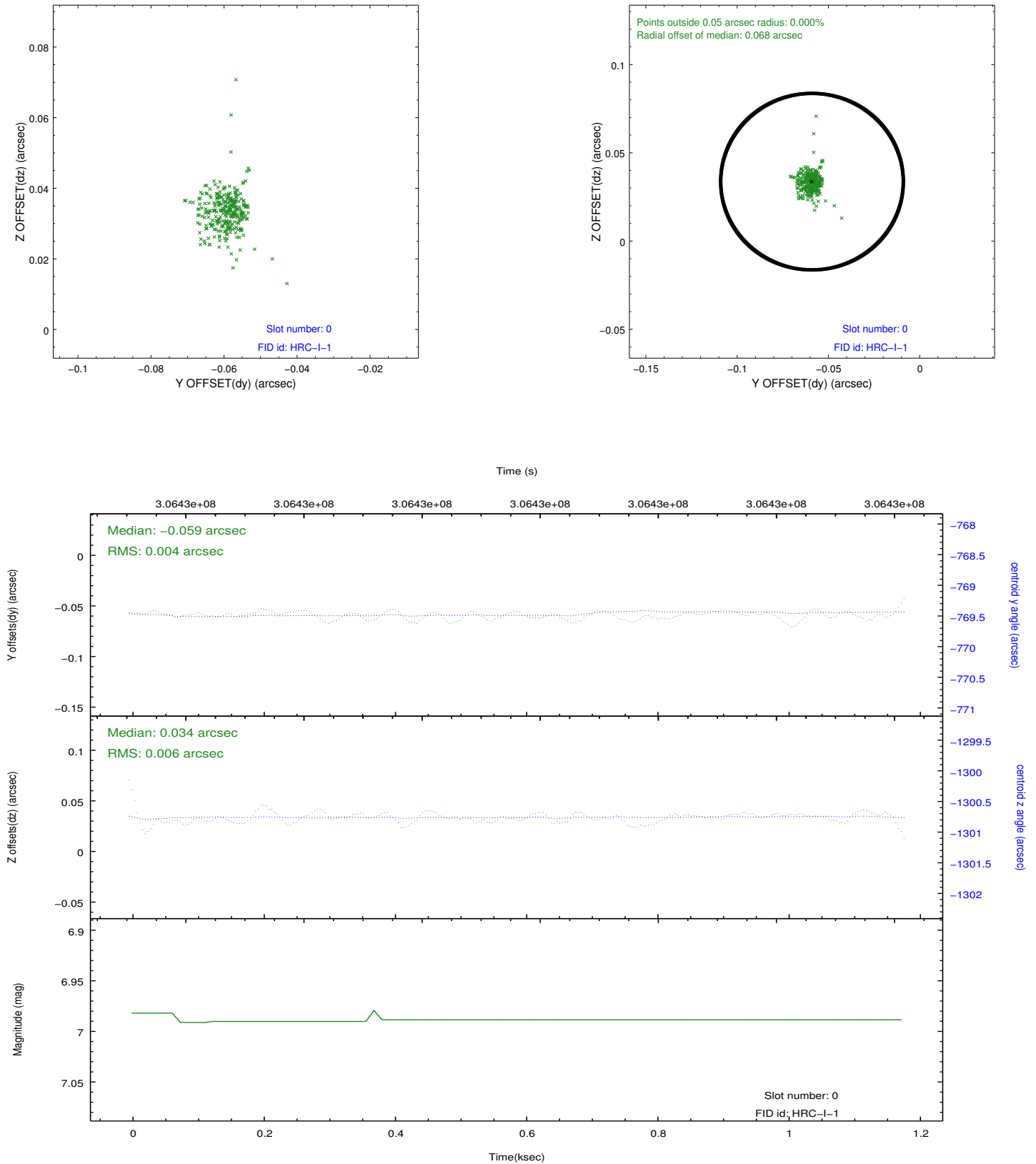


2.4.5 Slot 7

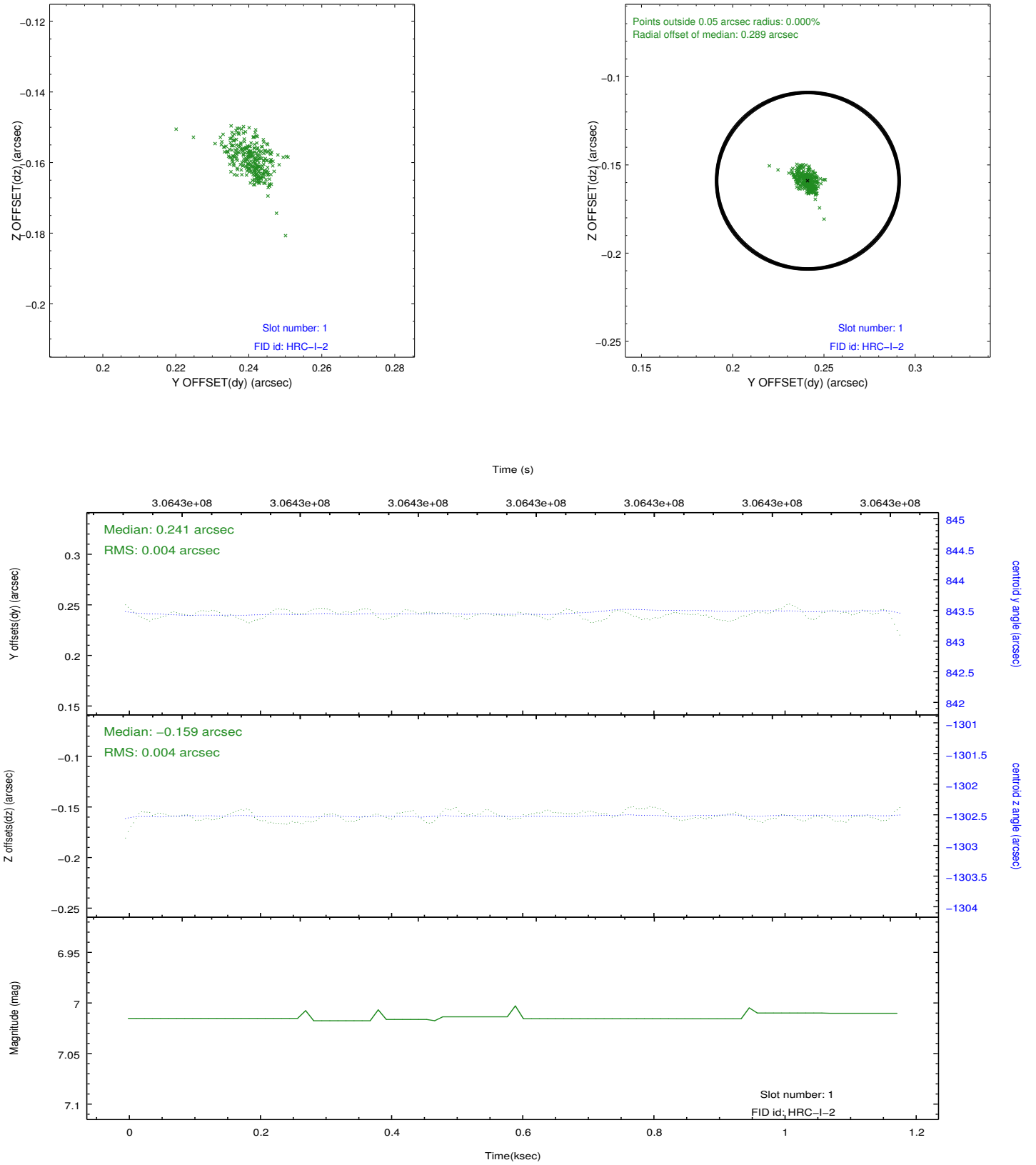


2.5 FID Slots

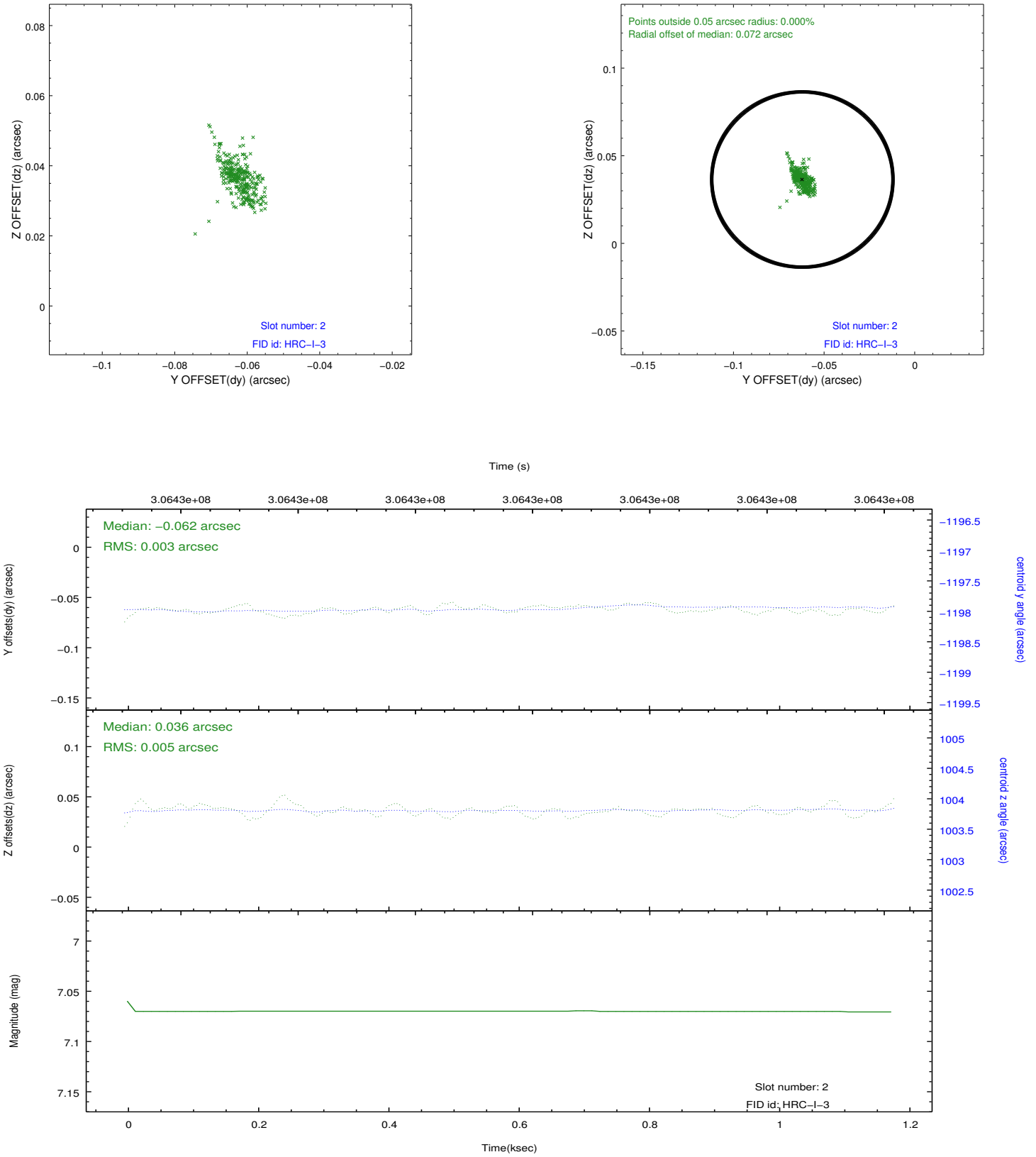
2.5.1 Slot 0



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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1820813

A.2 Comments