

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 6540 - L2 Version 4
Chandra X-Ray Center

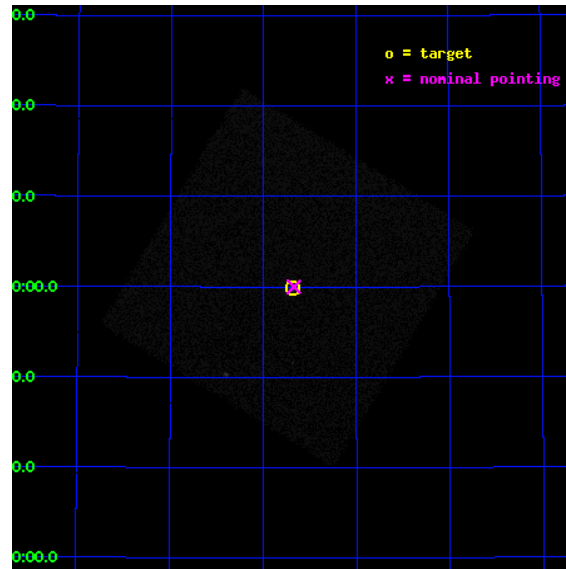
L2 Processing Date : Aug 10 2012

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1 Front

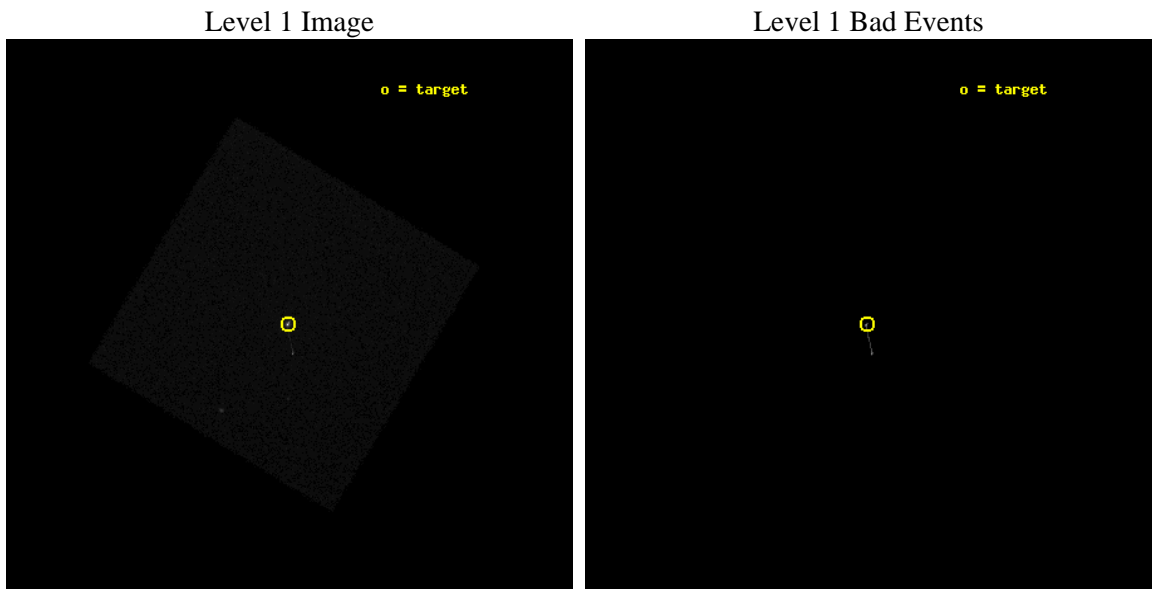
seq_num	290633	Sequence number
obs_id	6540	Observation id
title	Improving the De-Gap Corrections for the HRC-I	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Capella	Source name
ra_targ	79.1725	Observer's specified target RA [deg]
dec_targ	45.998	Observer's specified target Dec [deg]
ra_nom	79.167791600926	Nominal RA [deg]
dec_nom	46.000246203907	Nominal Dec [deg]
roll_nom	166.27183752865	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5185.4752397835	[s]
livetime	5138.4506153184	Ontime multiplied by DTCOR
l2events	325062	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5185.4752397835	[s]
caldbver	4.5.1.1	 	l1events	528244	Number of level 1 events
date	2012-08-10T18:07:25	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

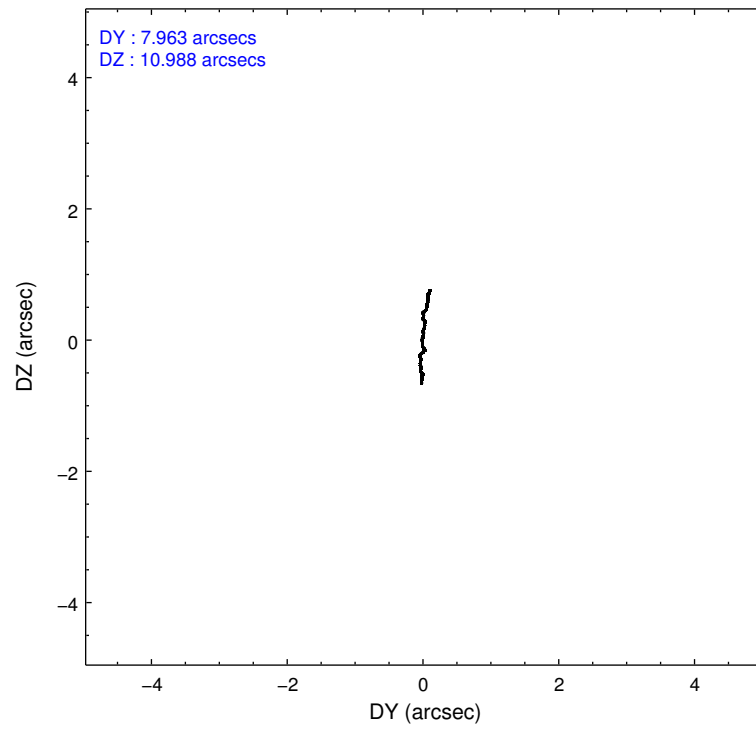
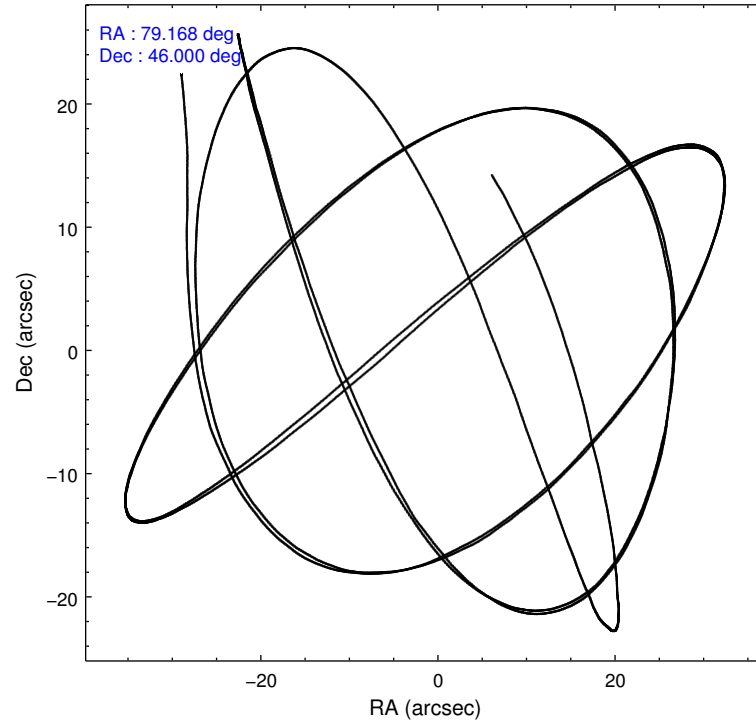
	segment 0
level 1 events	528244
rejected events	97073
rejected %	18%

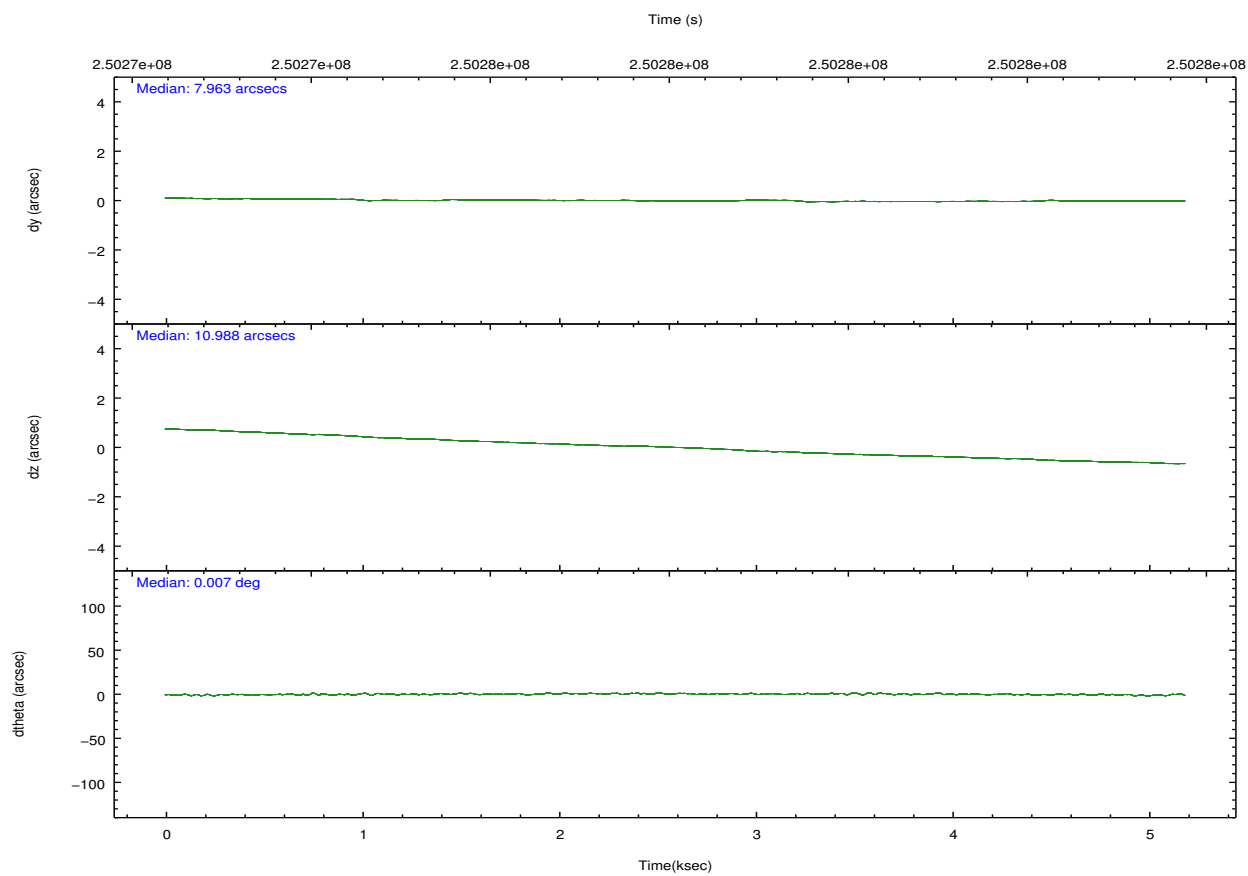
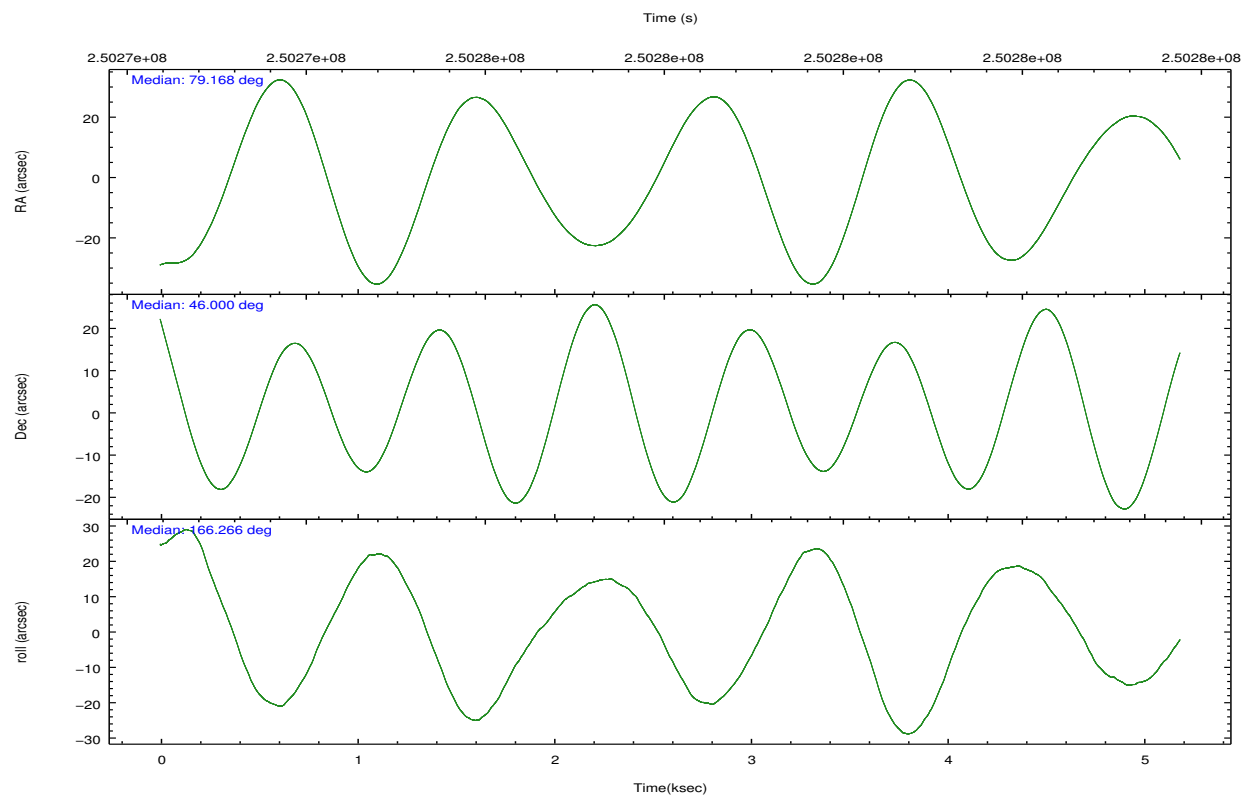
2.2 Compared Parameters

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	79.204867	79.1677916009259
[deg] Pointing Dec	46.008659	46.00024620390731
[deg] Pointing Roll	166.340655	166.2718375286468
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	129.985494	129.9800438294458
[mm] SIM translation stage offset	-3	-2.994554937844214
[s] Observation start time (MET)	250273620.184000	250272085.86466
Observation start date	2005-12-06T16:25:56	2005-12-06T16:01:25
[s] Observation end time (MET)	250278620.184000	250278753.48997
Observation end date	2005-12-06T17:49:16	2005-12-06T17:52:33

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

2.3 Aspect



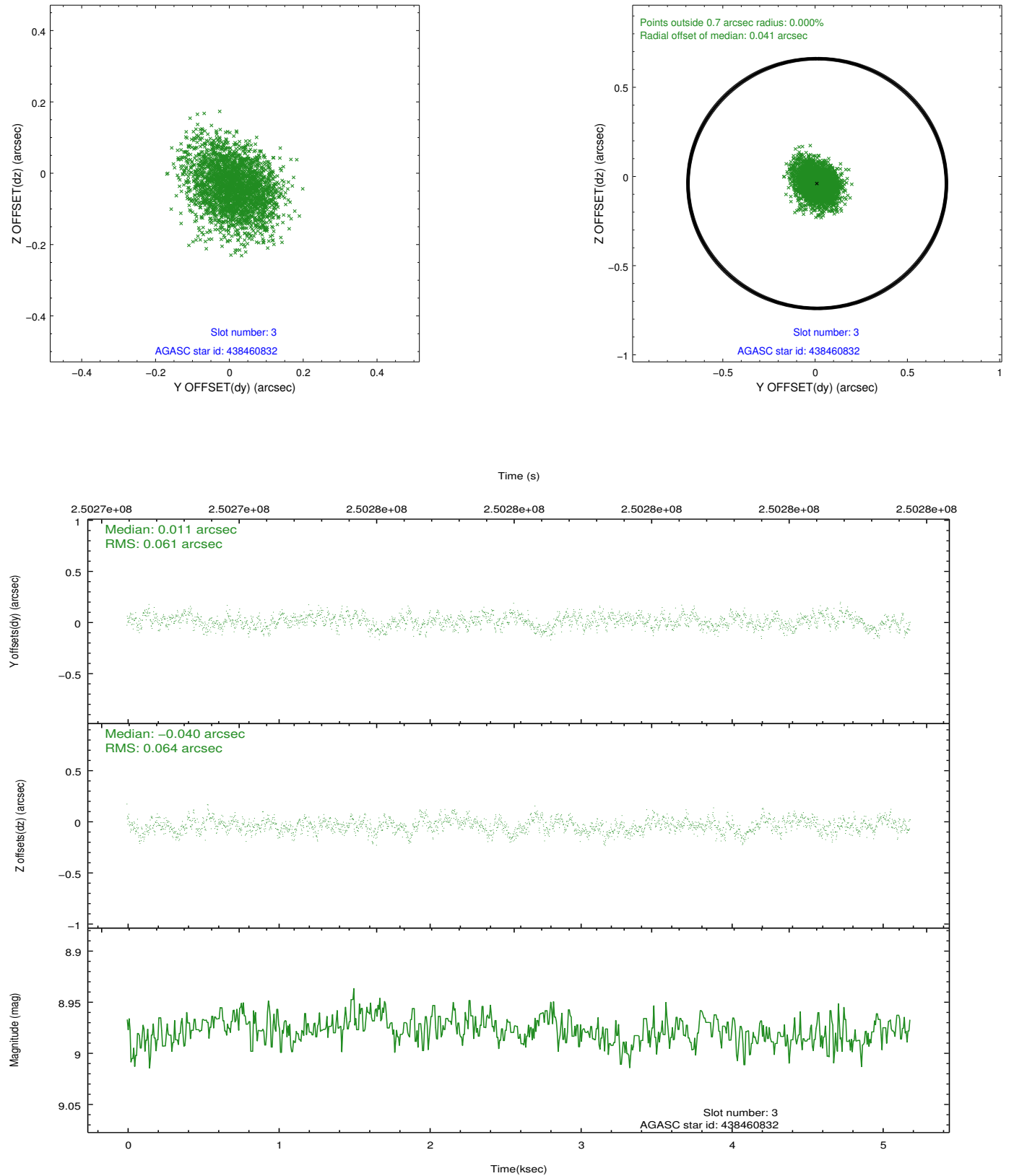


Slot Statistics

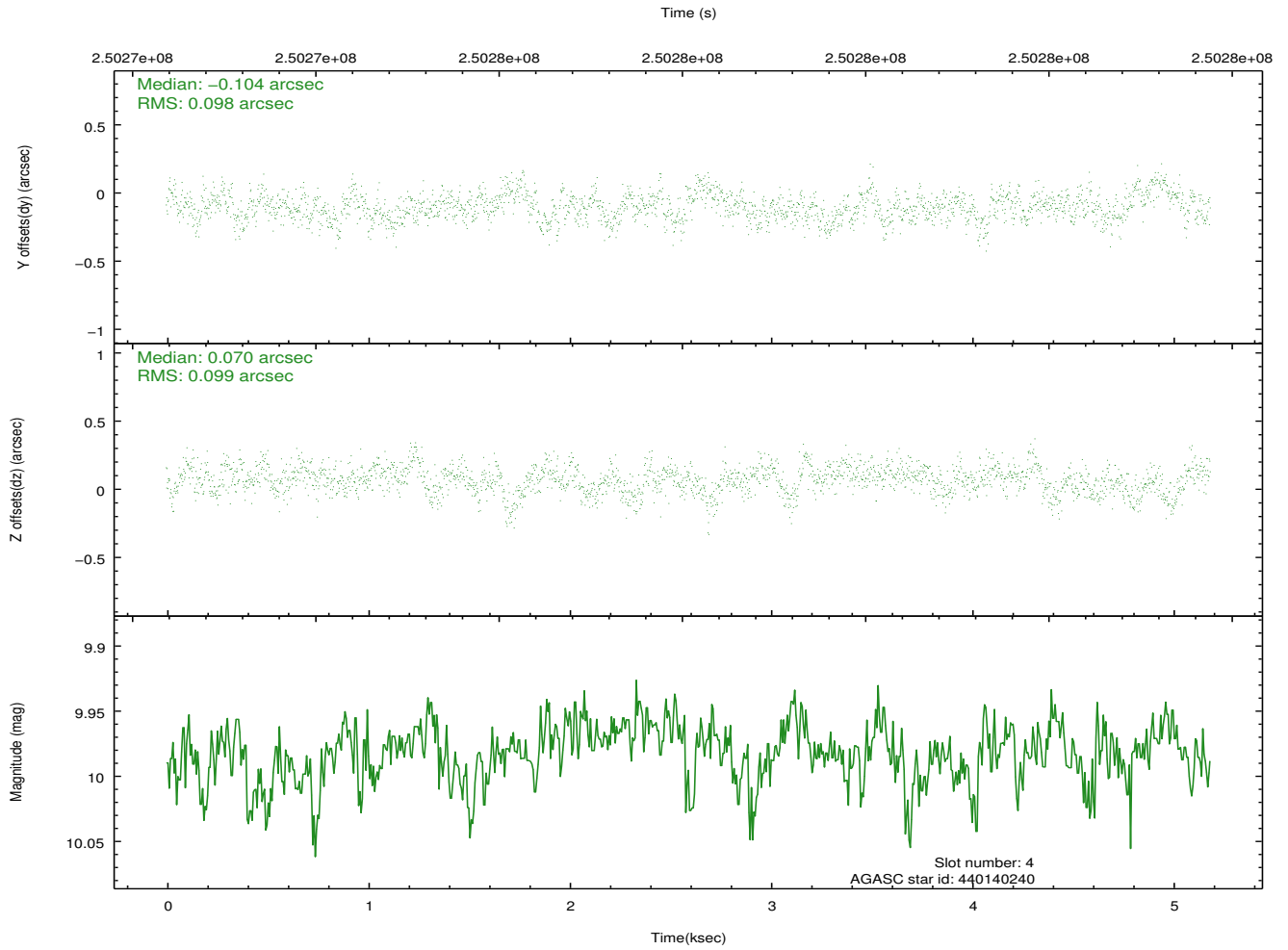
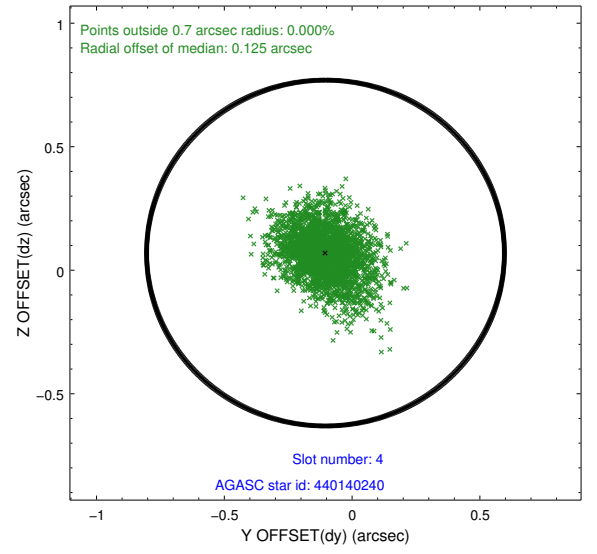
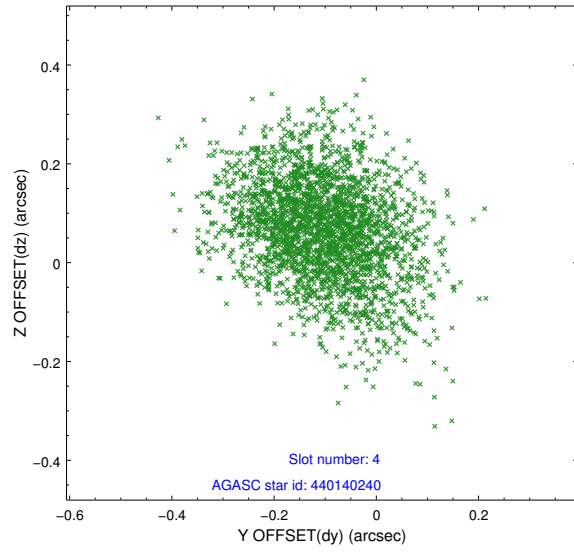
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	1265	-0.038	-0.100	0.010	0.018	0.000000	0.000000	-763.68	-1360.37
1	FID	HRC-I-2	7.06	1265	0.061	-0.014	0.011	0.019	0.000000	0.000000	848.62	-1363.20
2	FID	HRC-I-4	7.06	1264	0.093	0.022	0.008	0.016	0.000000	0.000000	1280.01	940.59
3	GUIDE	438460832	8.98	2529	0.011	-0.040	0.094	0.153	78.414614	45.554782	1552.70	2048.38
4	GUIDE	440140240	9.98	2528	-0.104	0.070	0.146	0.241	78.889349	46.726437	1368.75	-2328.09
5	GUIDE	440150048	7.16	2531	0.010	0.025	0.072	0.118	79.112838	46.416060	569.78	-1372.73
6	GUIDE	438455912	9.25	2528	0.066	0.056	0.090	0.147	78.251946	45.690923	2062.65	1662.71
7	GUIDE	440149480	9.25	2526	0.016	-0.112	0.124	0.199	79.794341	45.220426	-2120.11	2398.90

2.4 Star Slots

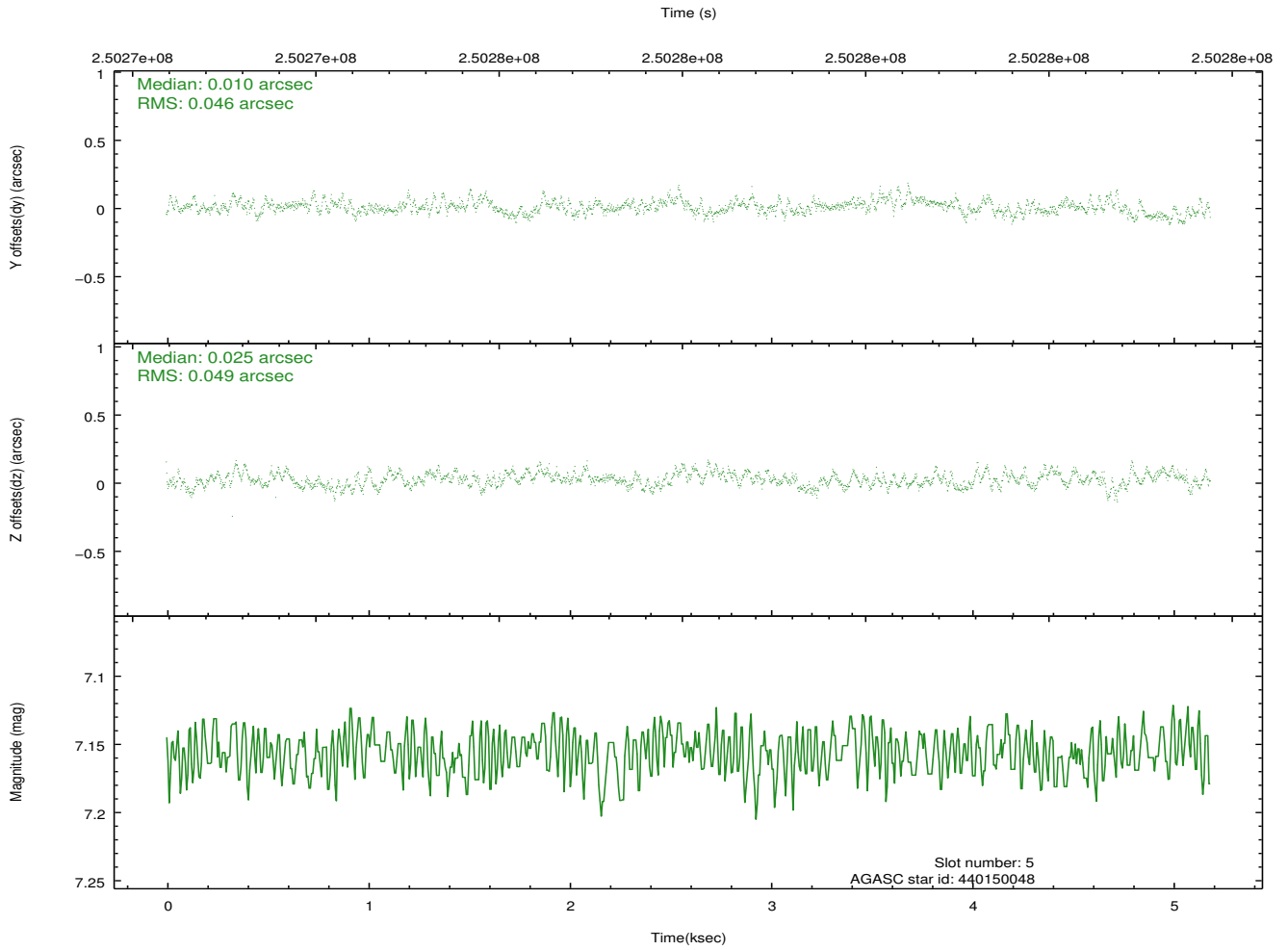
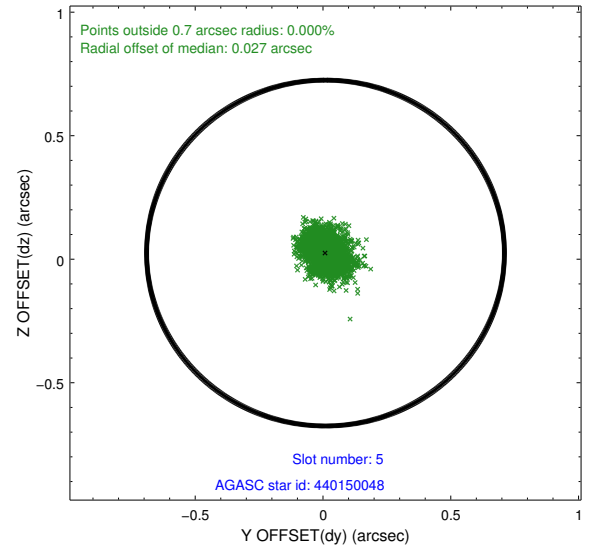
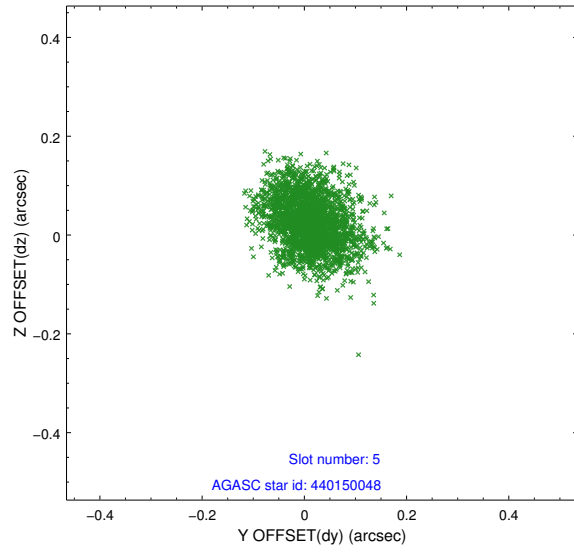
2.4.1 Slot 3



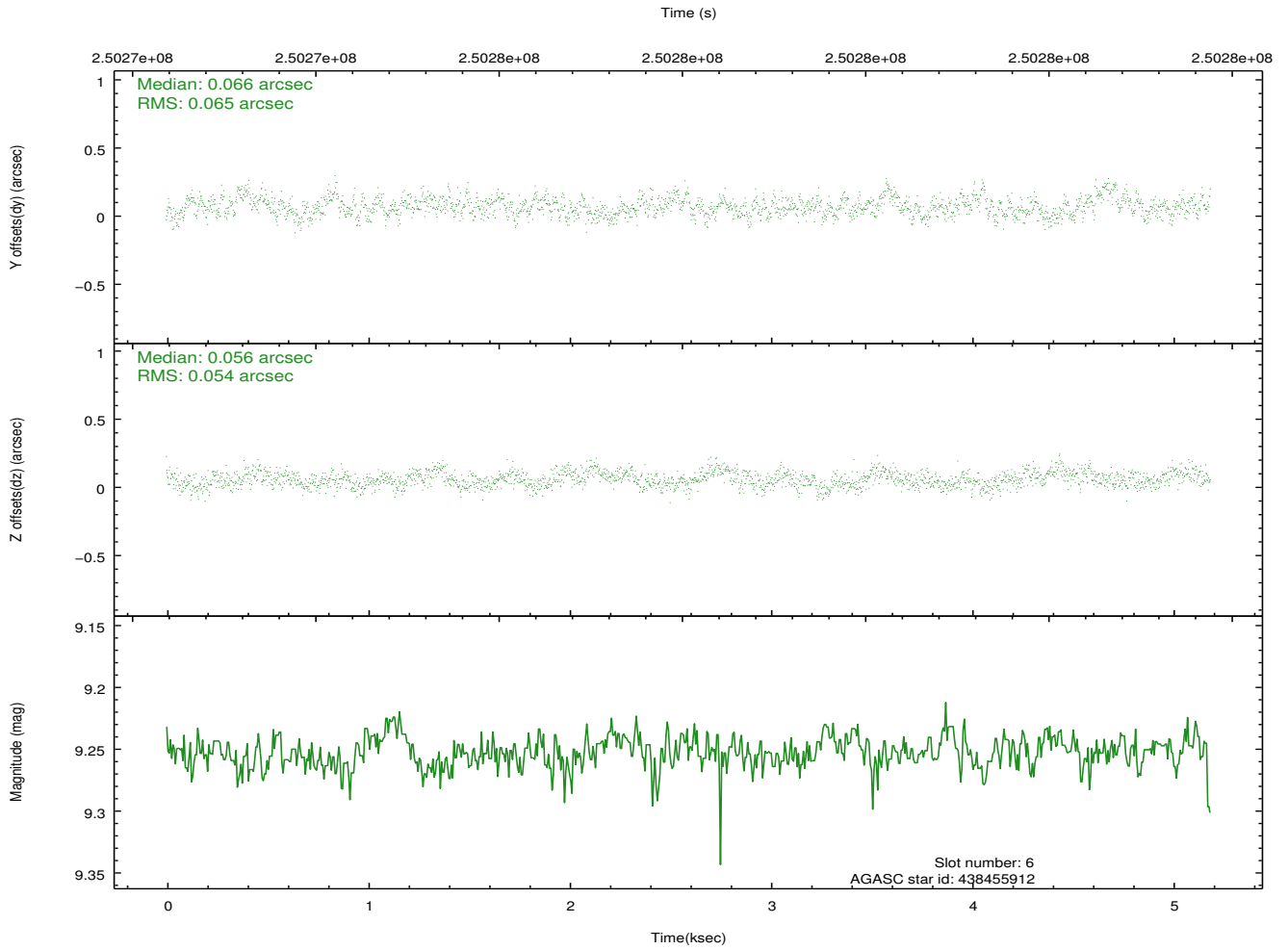
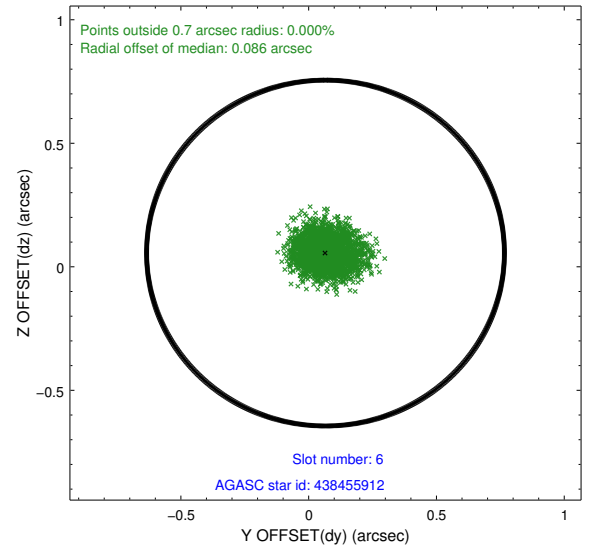
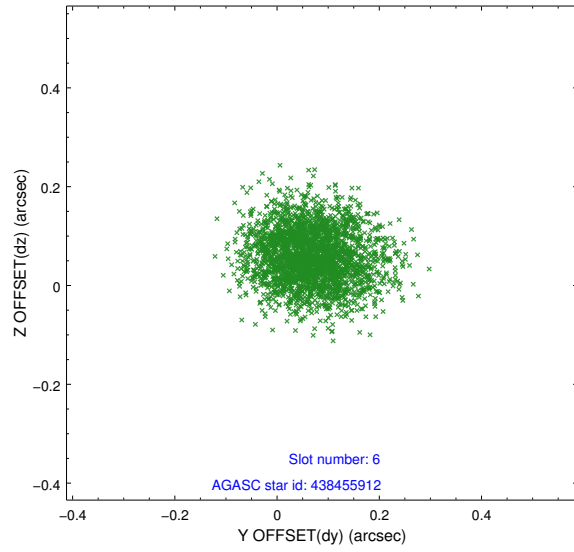
2.4.2 Slot 4



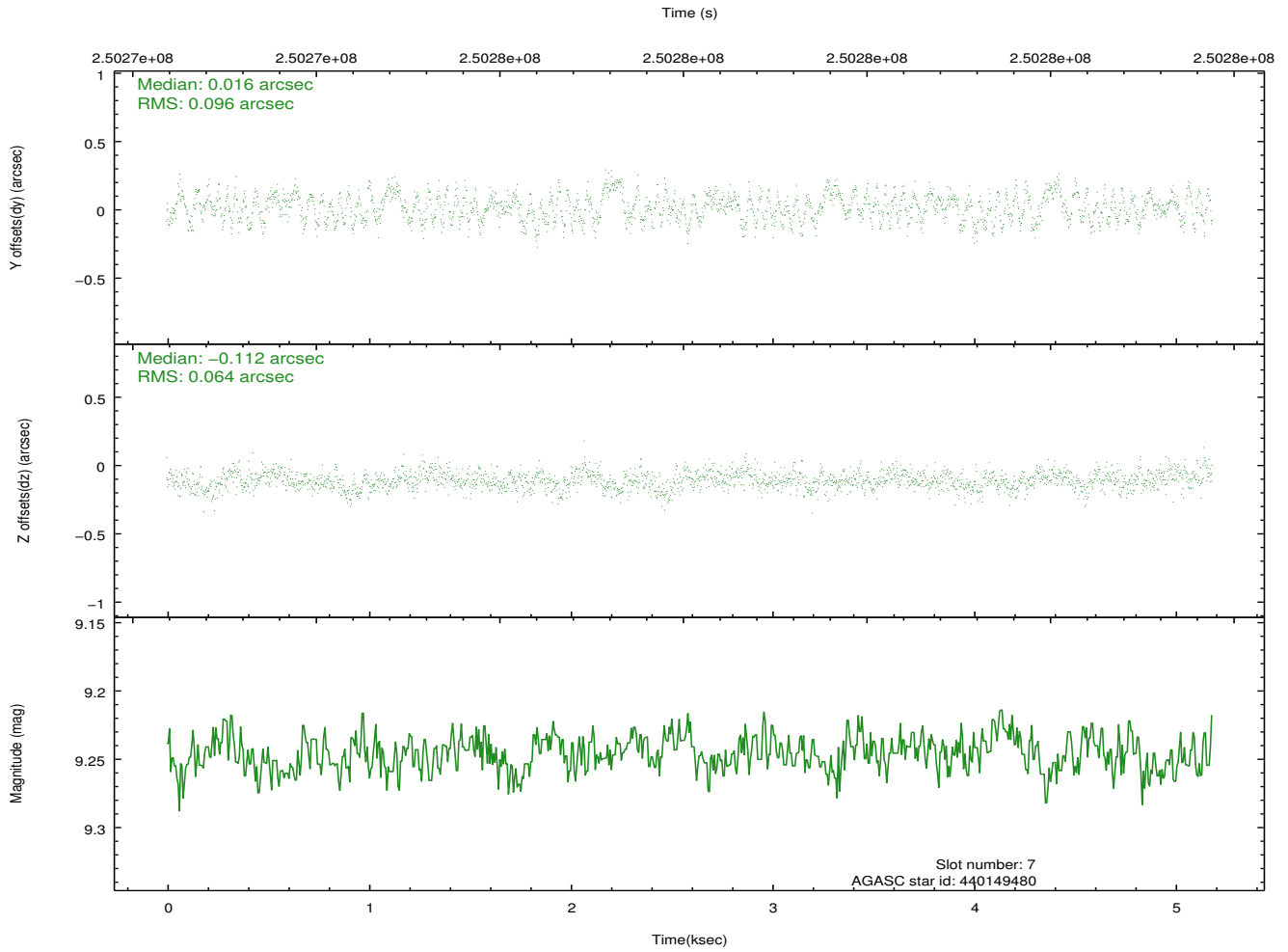
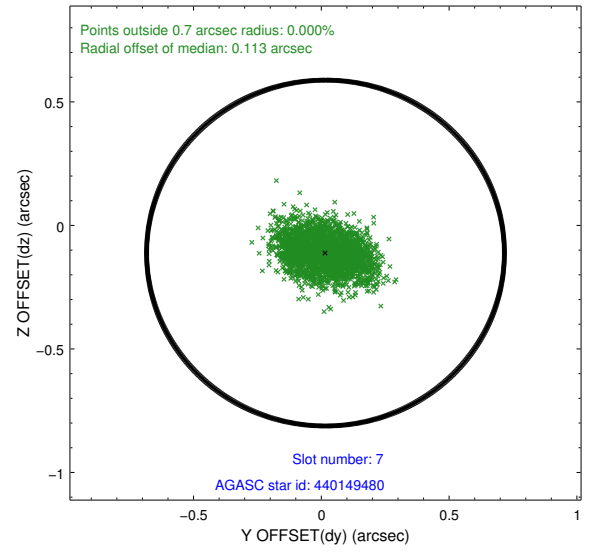
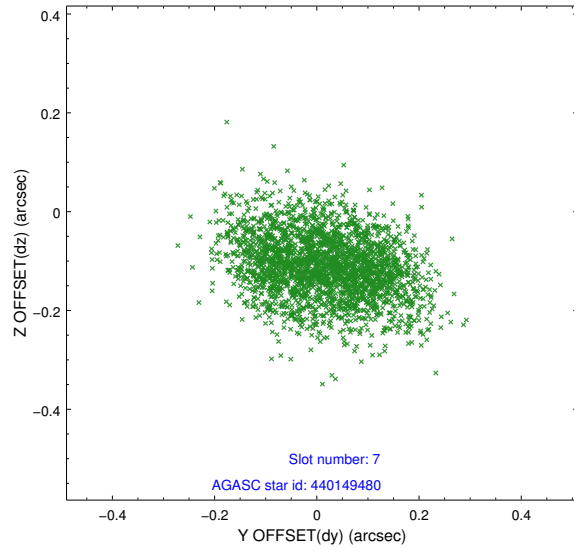
2.4.3 Slot 5



2.4.4 Slot 6

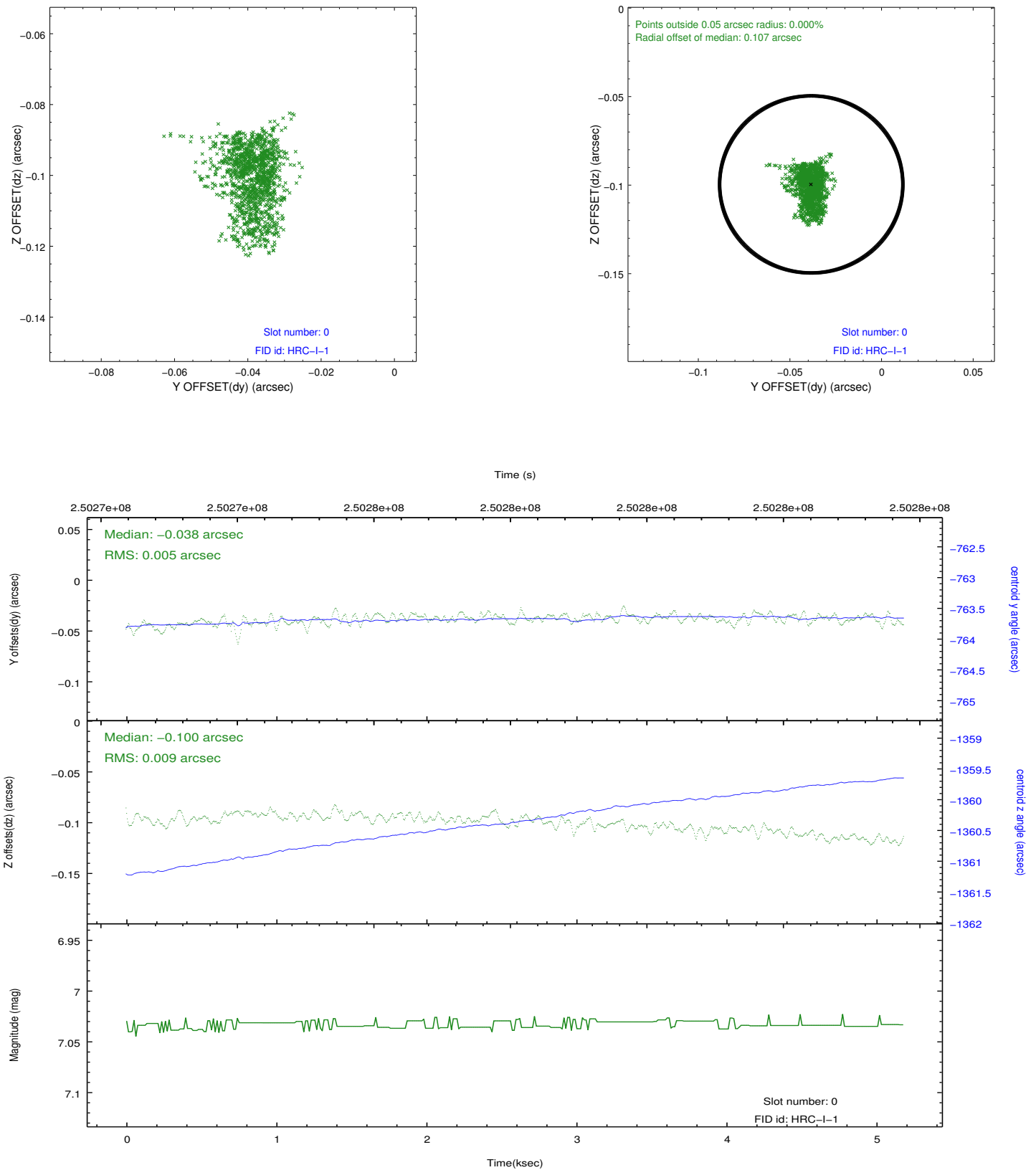


2.4.5 Slot 7

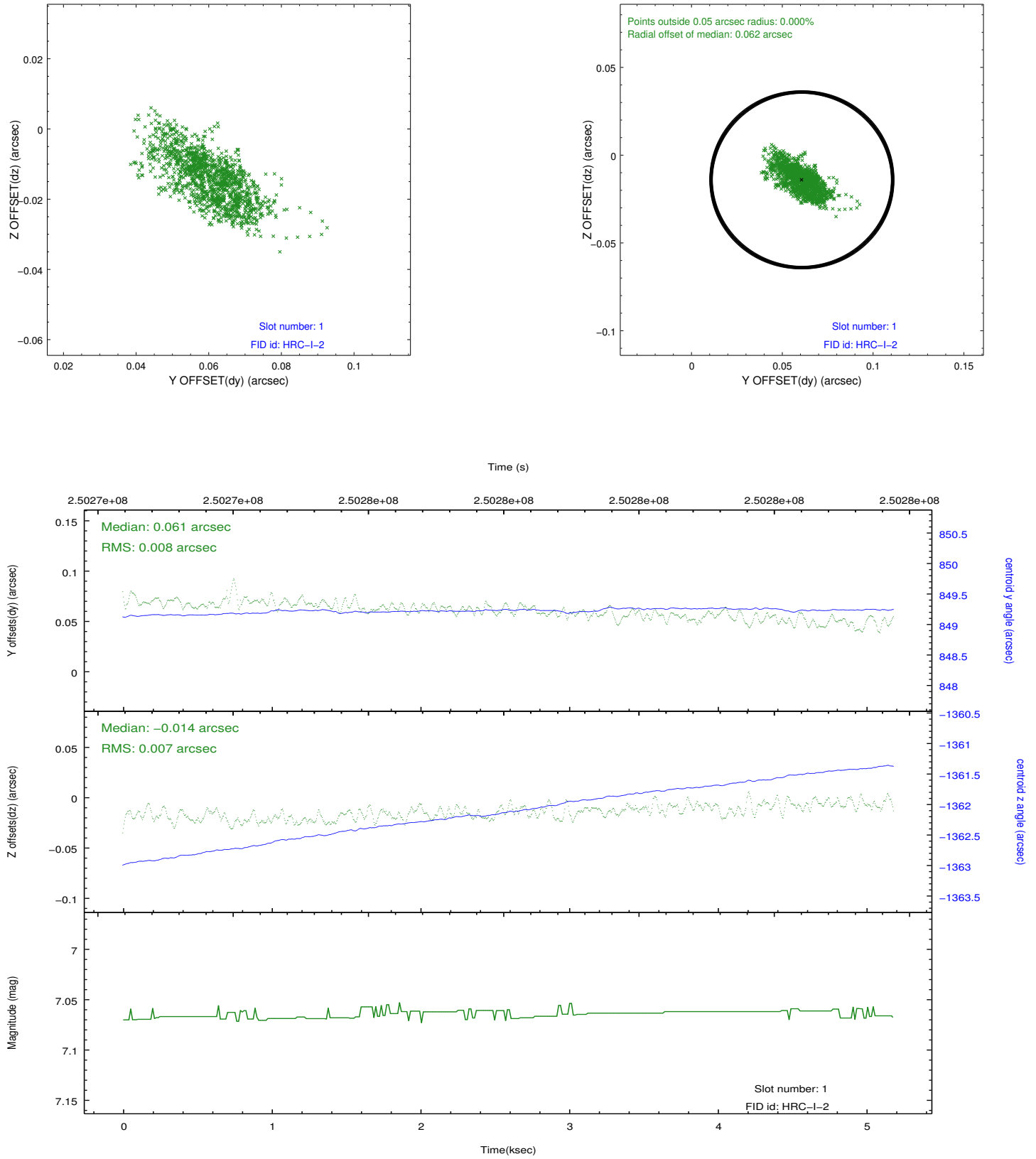


2.5 FID Slots

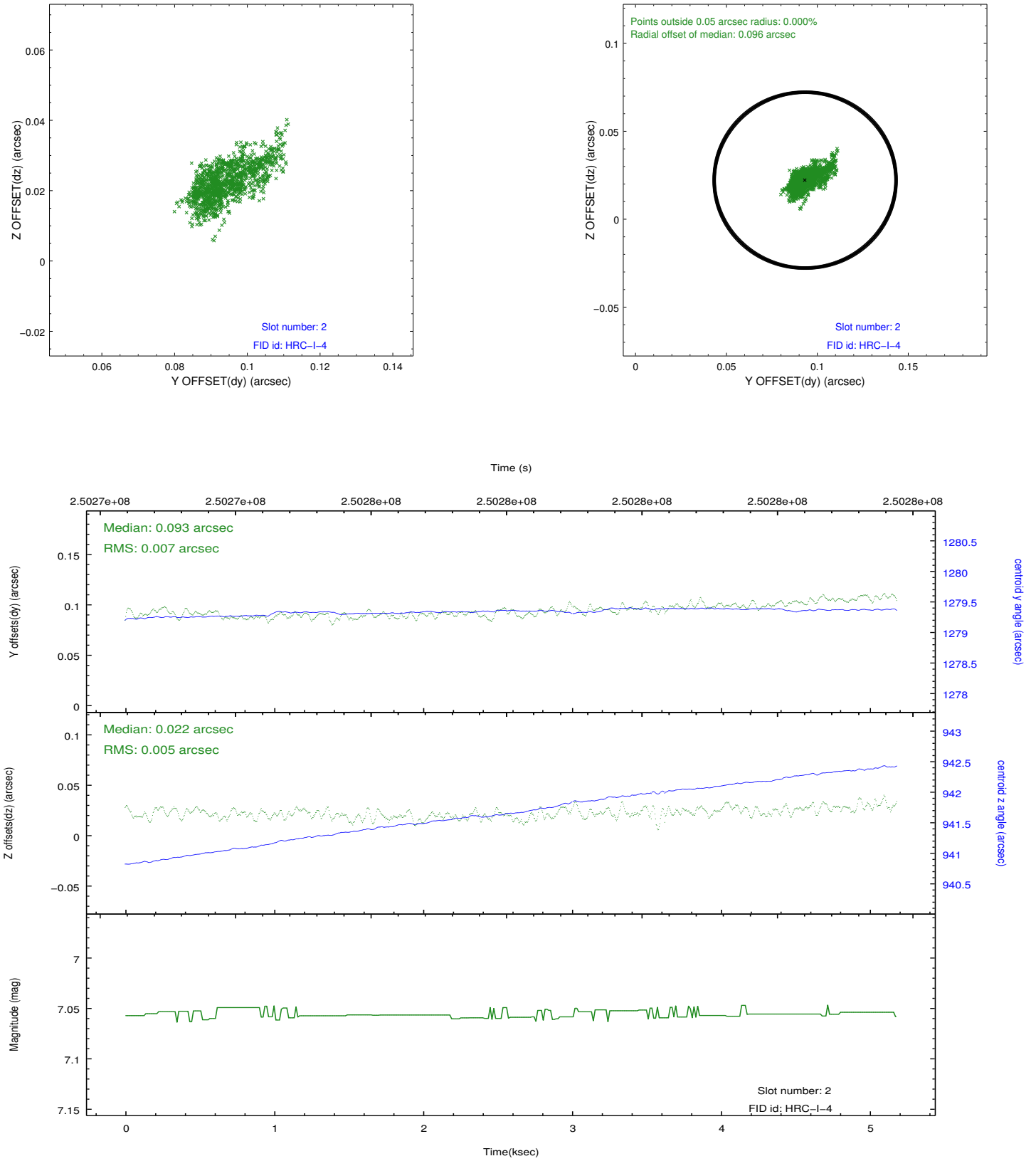
2.5.1 Slot 0



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)	2012.08.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.185475

A.2 Comments