

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 272 - L2 Version 6
Chandra X-Ray Center

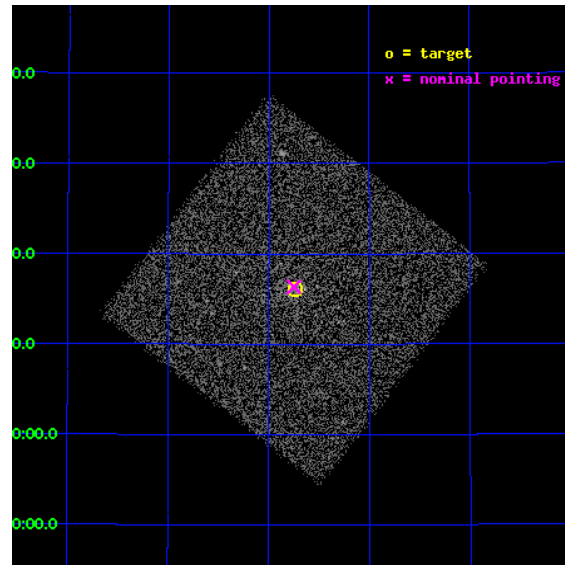
L2 Processing Date : Aug 28 2012

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

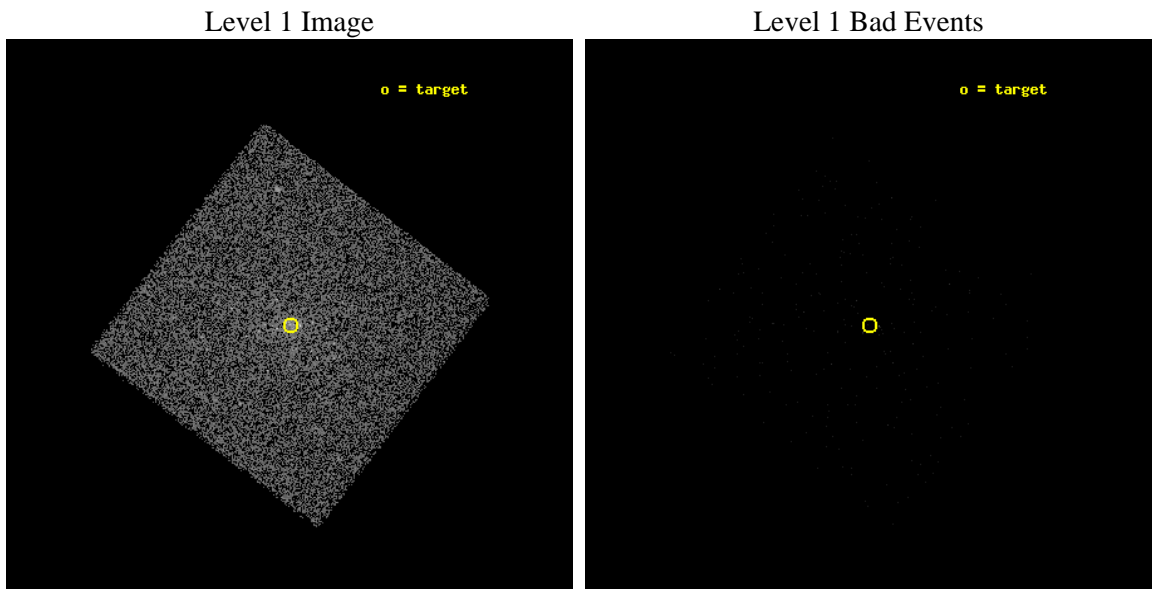
seq_num	600032	Sequence number
obs_id	272	Observation id
title	MONITORING M31	Proposal title
observer	Dr. Stephen Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.687669662002	Nominal RA [deg]
dec_nom	41.272547225615	Nominal Dec [deg]
roll_nom	82.550095271835	Nominal Roll [deg]
revision	6	Processing version of data
ontime	1208.731294468	[s]
livetime	1202.9211847194	Ontime multiplied by DTCOR
l2events	30353	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	1208.731294468	[s]
caldbver	4.5.1.1	 	l1events	56349	Number of level 1 events
date	2012-08-28T04:51:16	Date and time of file creation			
revision	6	Processing version of data			

2.1.3 Events

Level 1 Events

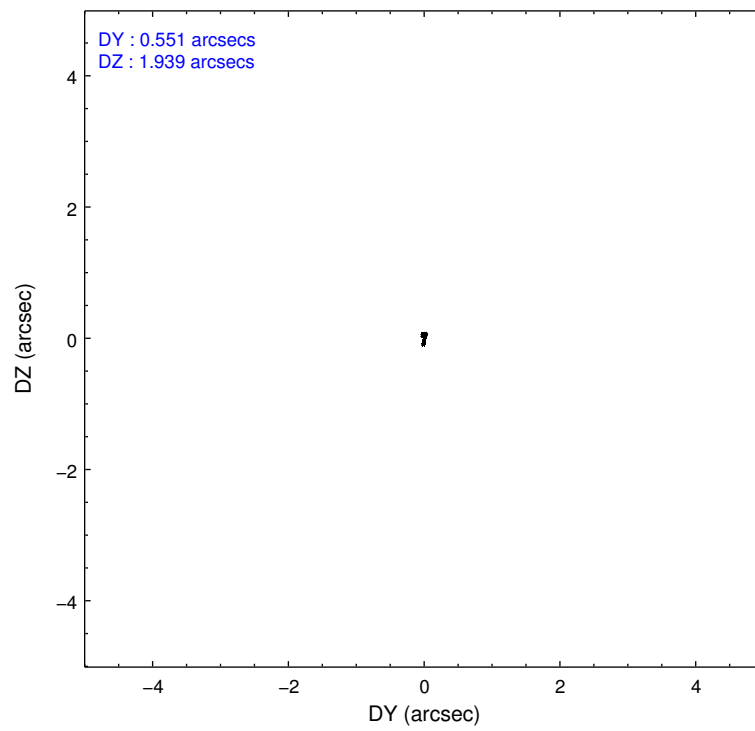
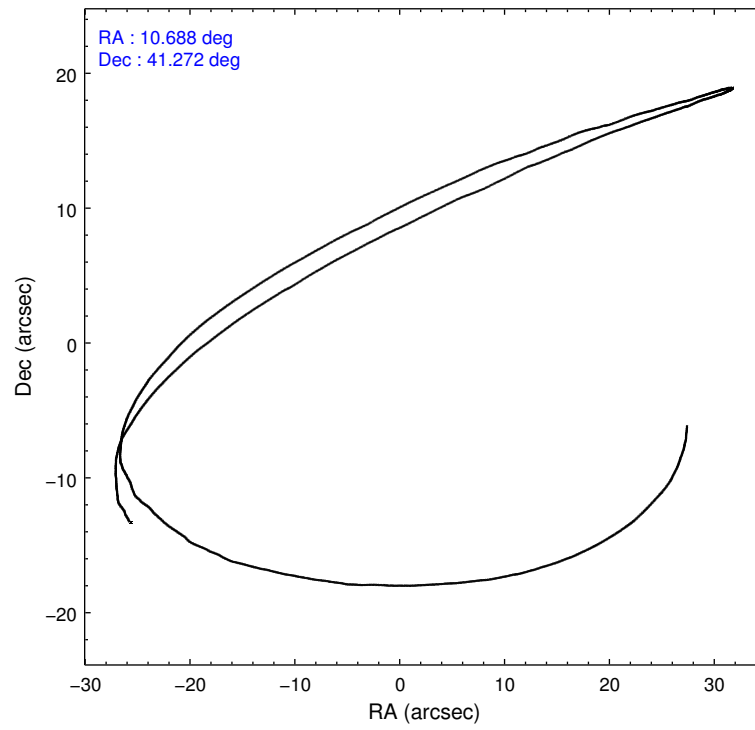
	segment 0
level 1 events	56349
rejected events	11739
rejected %	20%

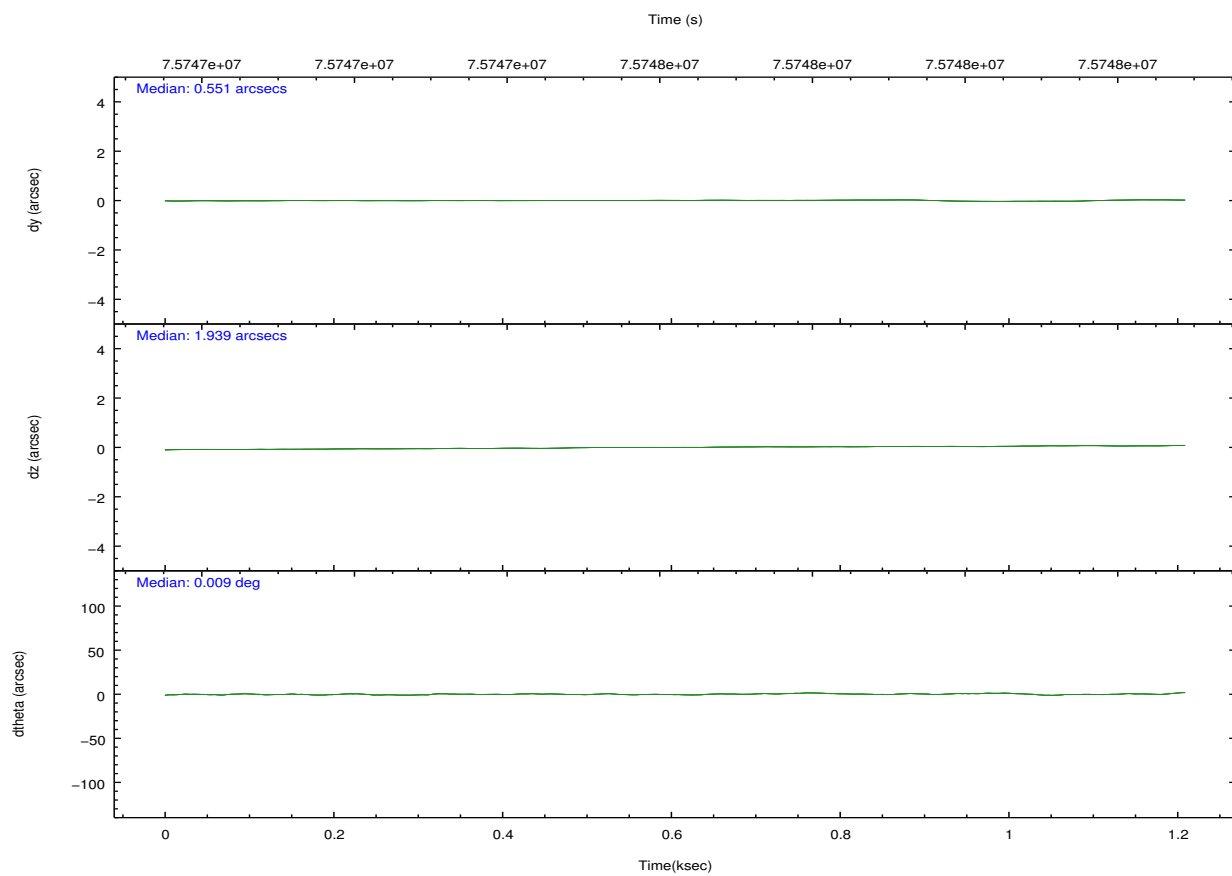
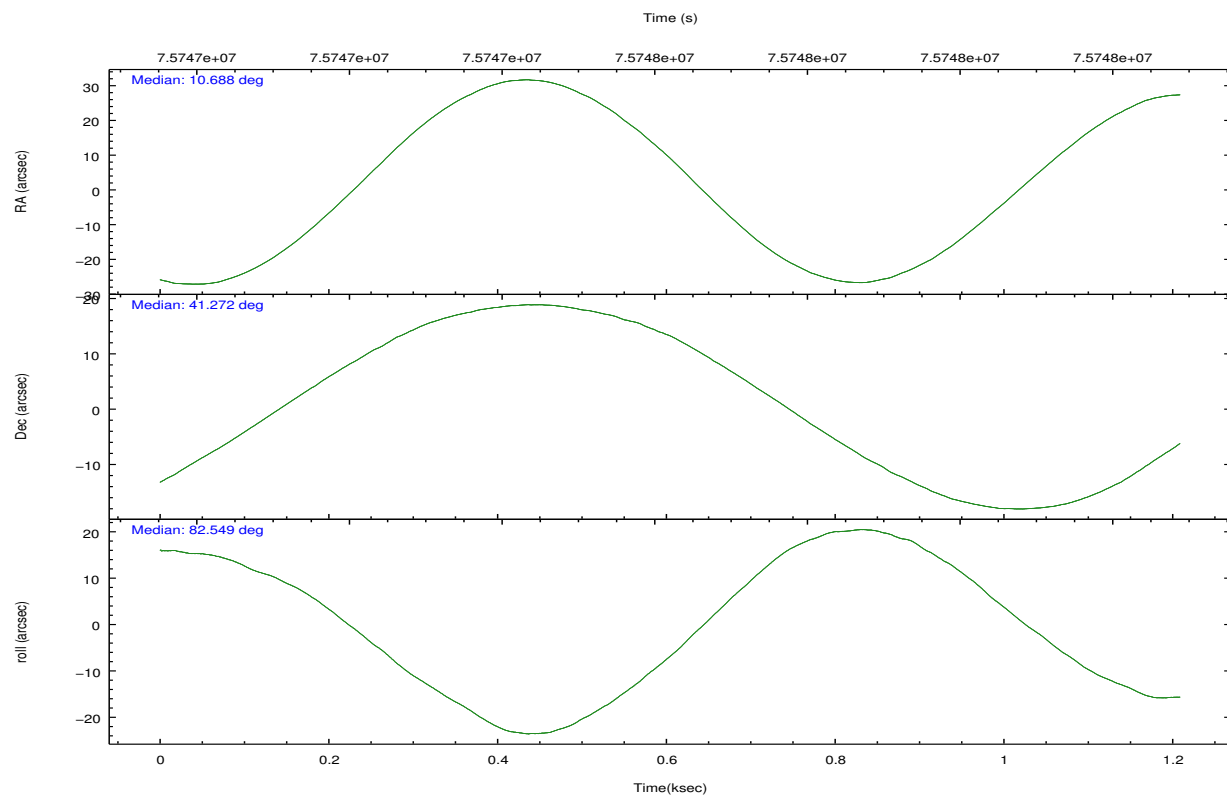
2.2 Compared Parameters

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	10.702371	10.68766966200162
[deg] Pointing Dec	41.247788	41.27254722561492
[deg] Pointing Roll	82.635942	82.55009527183483
[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)	75747224.184000	75746828.114905
Observation start date	2000-05-26T16:52:40	2000-05-26T16:47:08
[s] Observation end time (MET)	75748224.184000	75748358.439961
Observation end date	2000-05-26T17:09:20	2000-05-26T17:12:38

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

2.3 Aspect



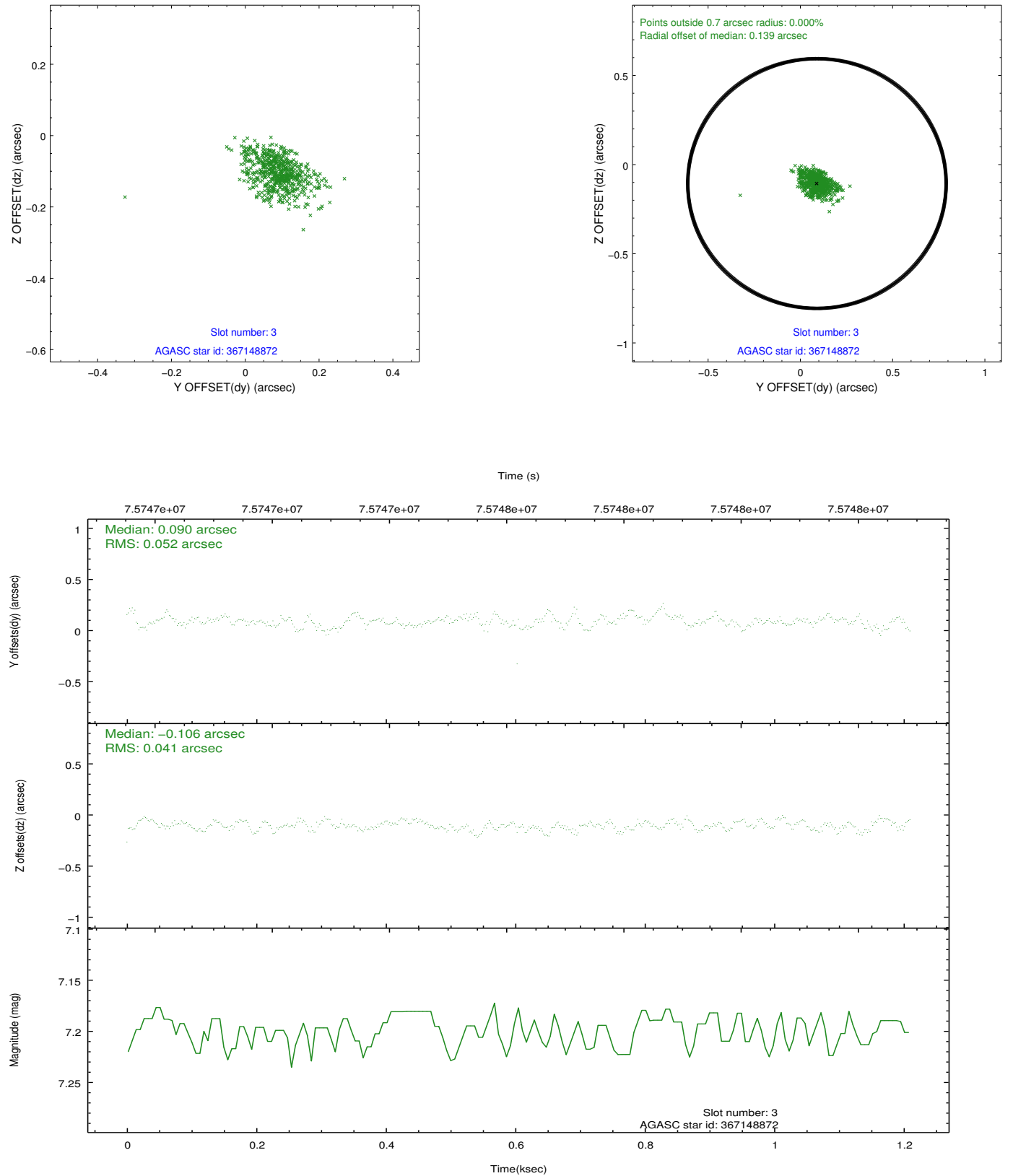


Slot Statistics

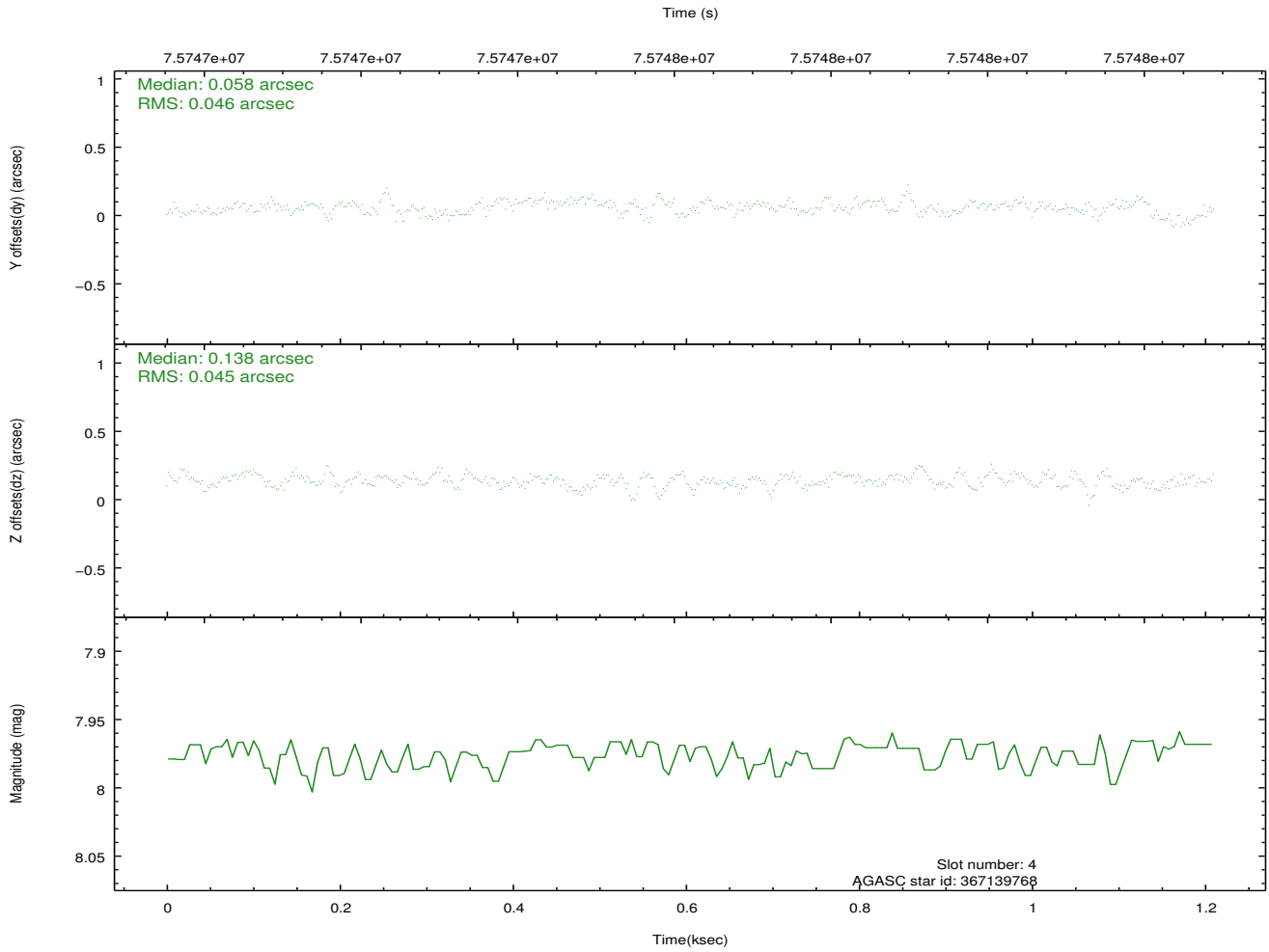
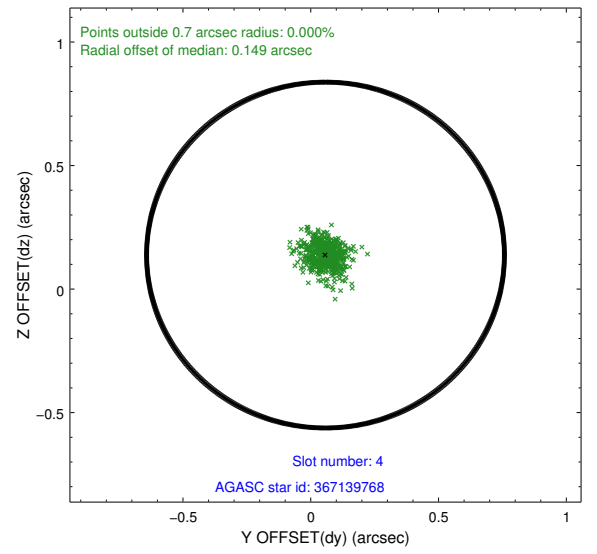
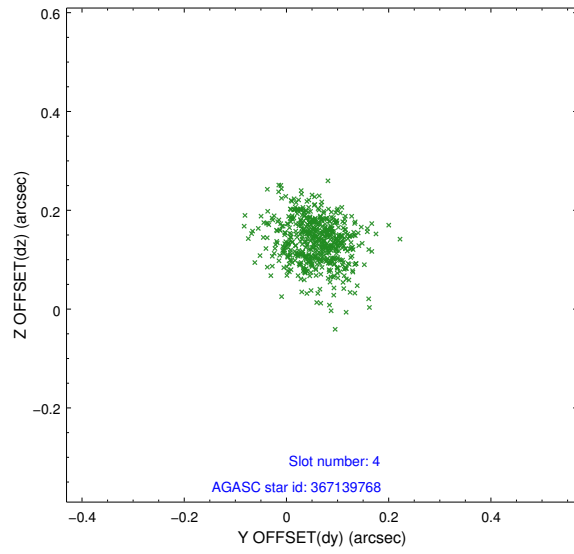
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	295	0.050	-0.031	0.006	0.010	0.000000	0.000000	-755.93	-1289.65
1	FID	HRC-I-3	7.05	295	0.025	-0.016	0.007	0.012	0.000000	0.000000	-1186.97	1010.56
2	FID	HRC-I-4	6.99	295	0.038	-0.042	0.005	0.009	0.000000	0.000000	1282.86	1015.90
3	GUIDE	367148872	7.20	591	0.090	-0.106	0.067	0.114	10.505940	40.688258	-2064.68	272.92
4	GUIDE	367139768	7.98	591	0.058	0.138	0.066	0.115	11.069715	40.685175	-1880.42	-1254.00
5	GUIDE	367674552	8.85	591	-0.062	0.098	0.076	0.134	11.016238	41.570845	1261.15	-691.74
6	GUIDE	367663272	9.30	591	-0.027	-0.087	0.075	0.131	10.656279	41.699429	1599.82	329.46
7	GUIDE	367665472	9.50	587	-0.061	-0.025	0.100	0.156	10.241611	41.730843	1573.05	1450.93

2.4 Star Slots

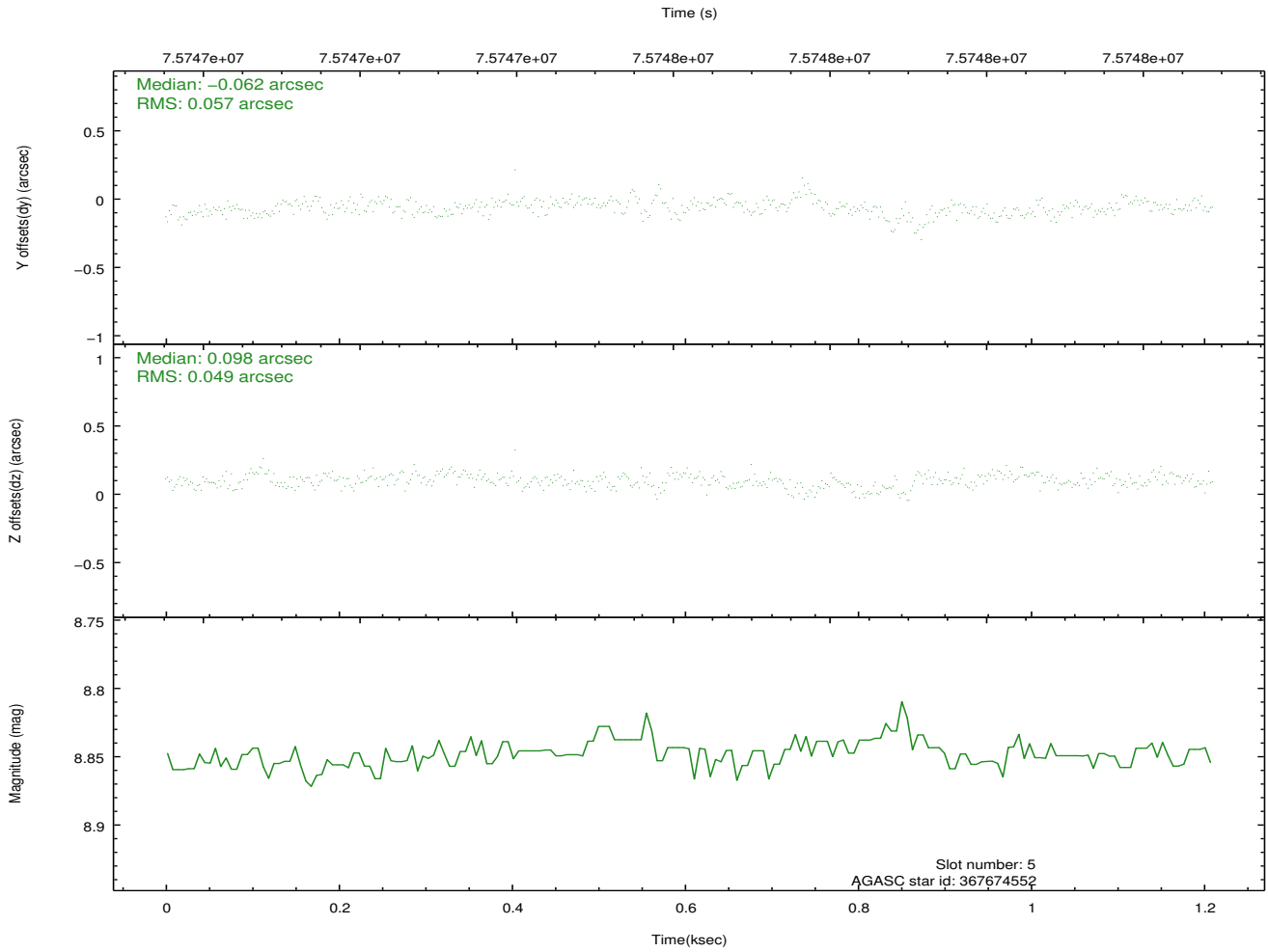
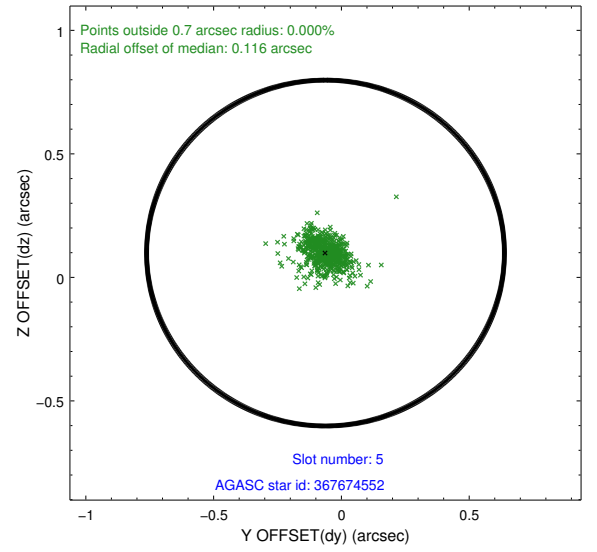
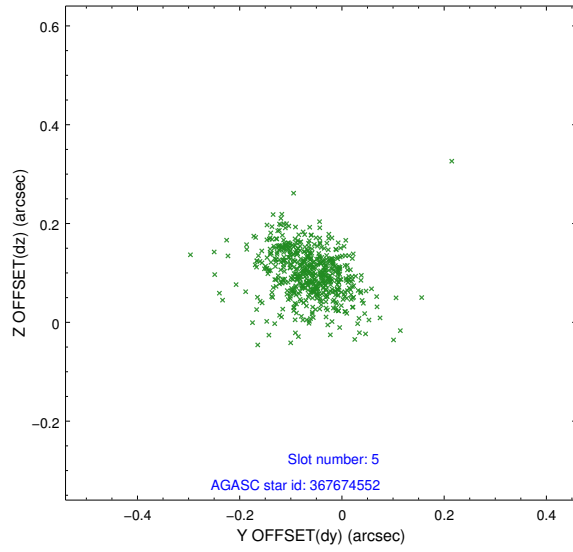
2.4.1 Slot 3



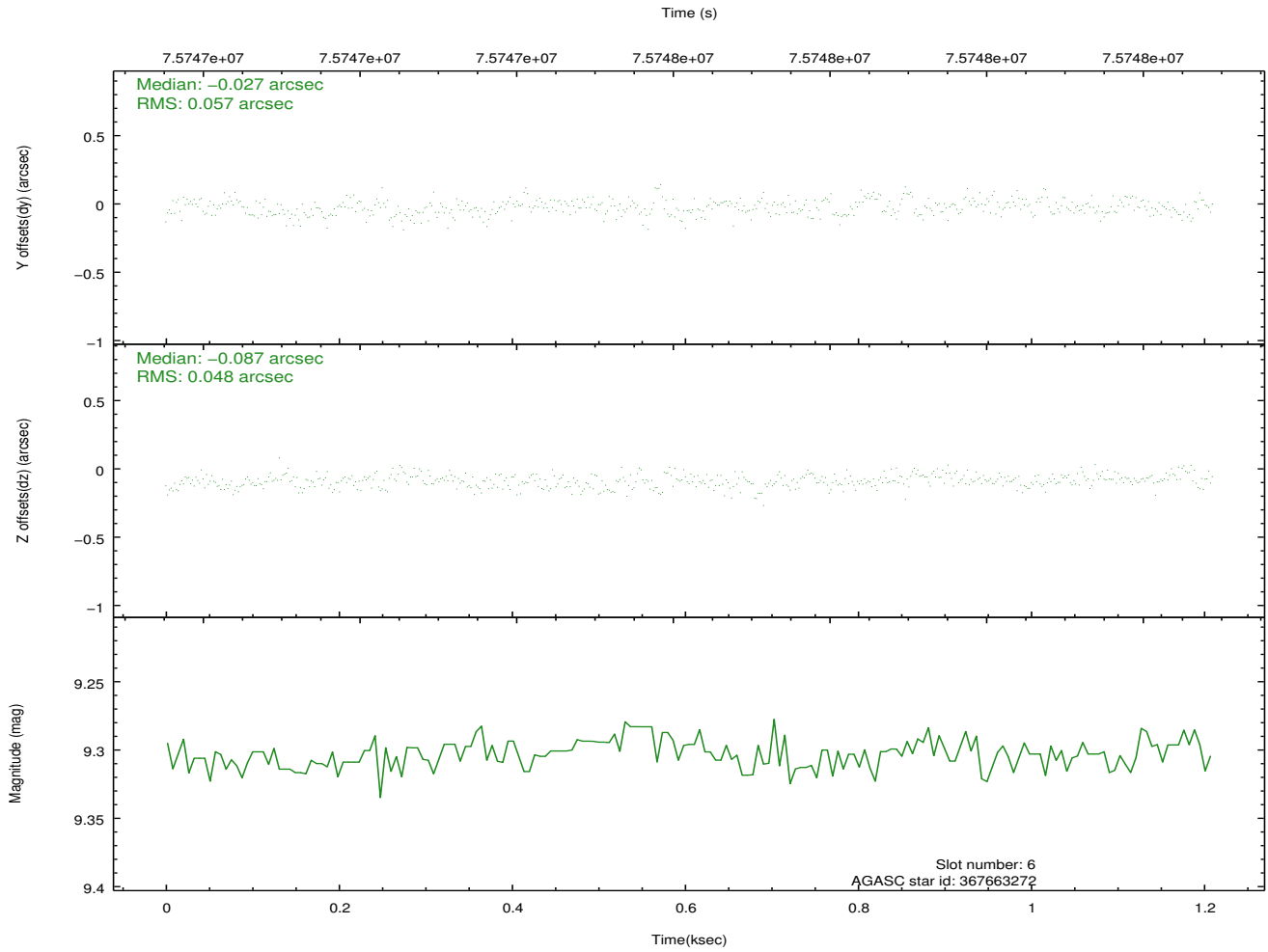
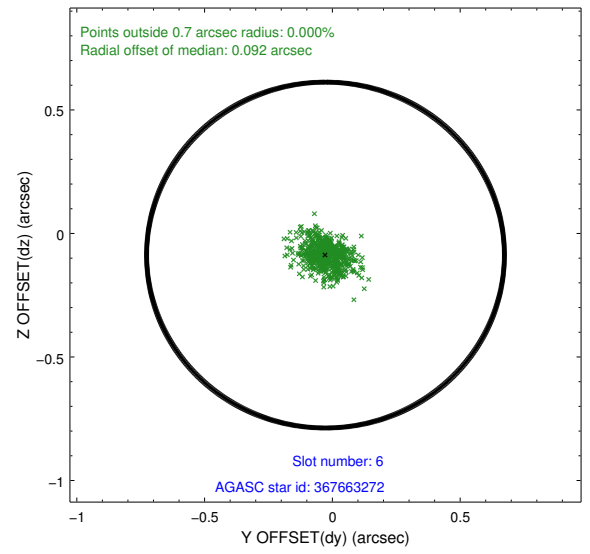
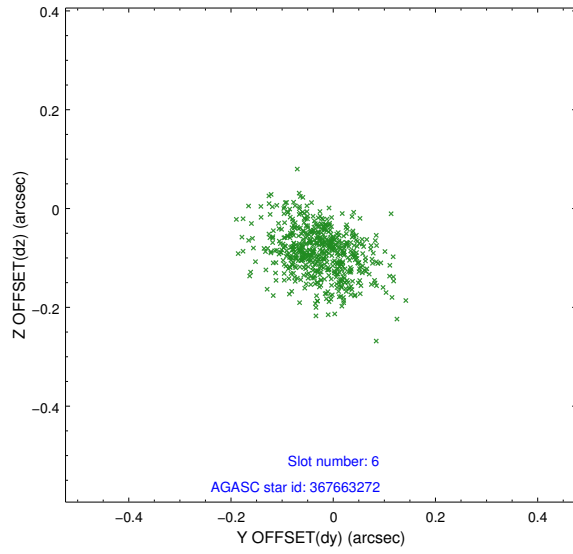
2.4.2 Slot 4



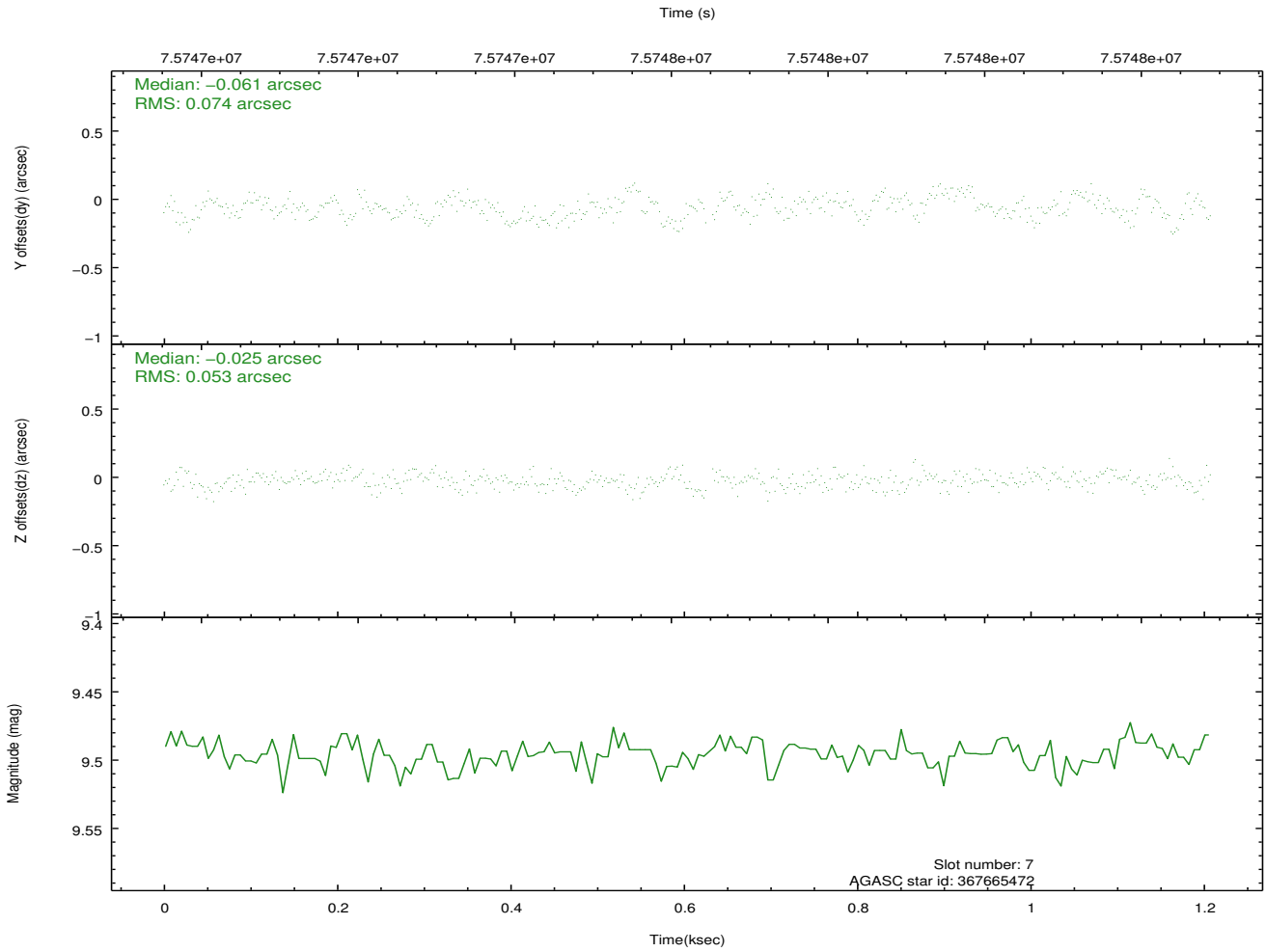
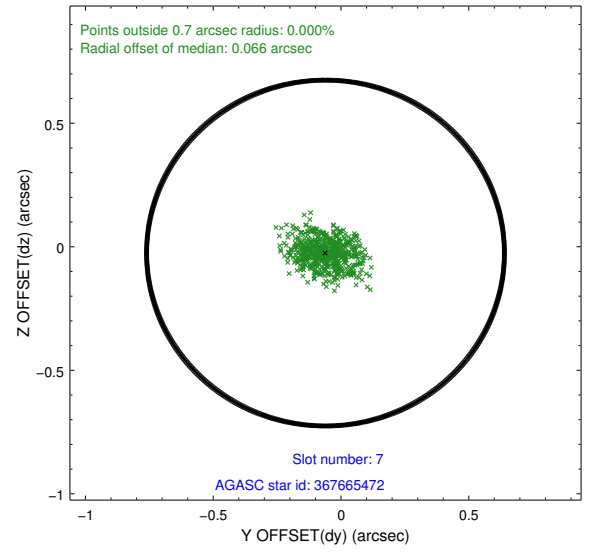
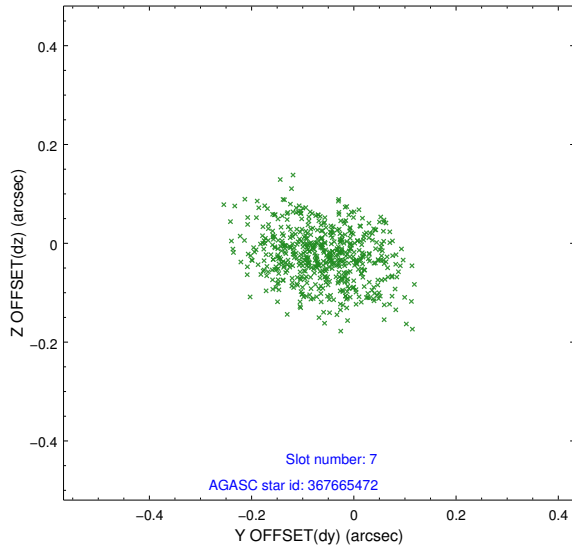
2.4.3 Slot 5



2.4.4 Slot 6

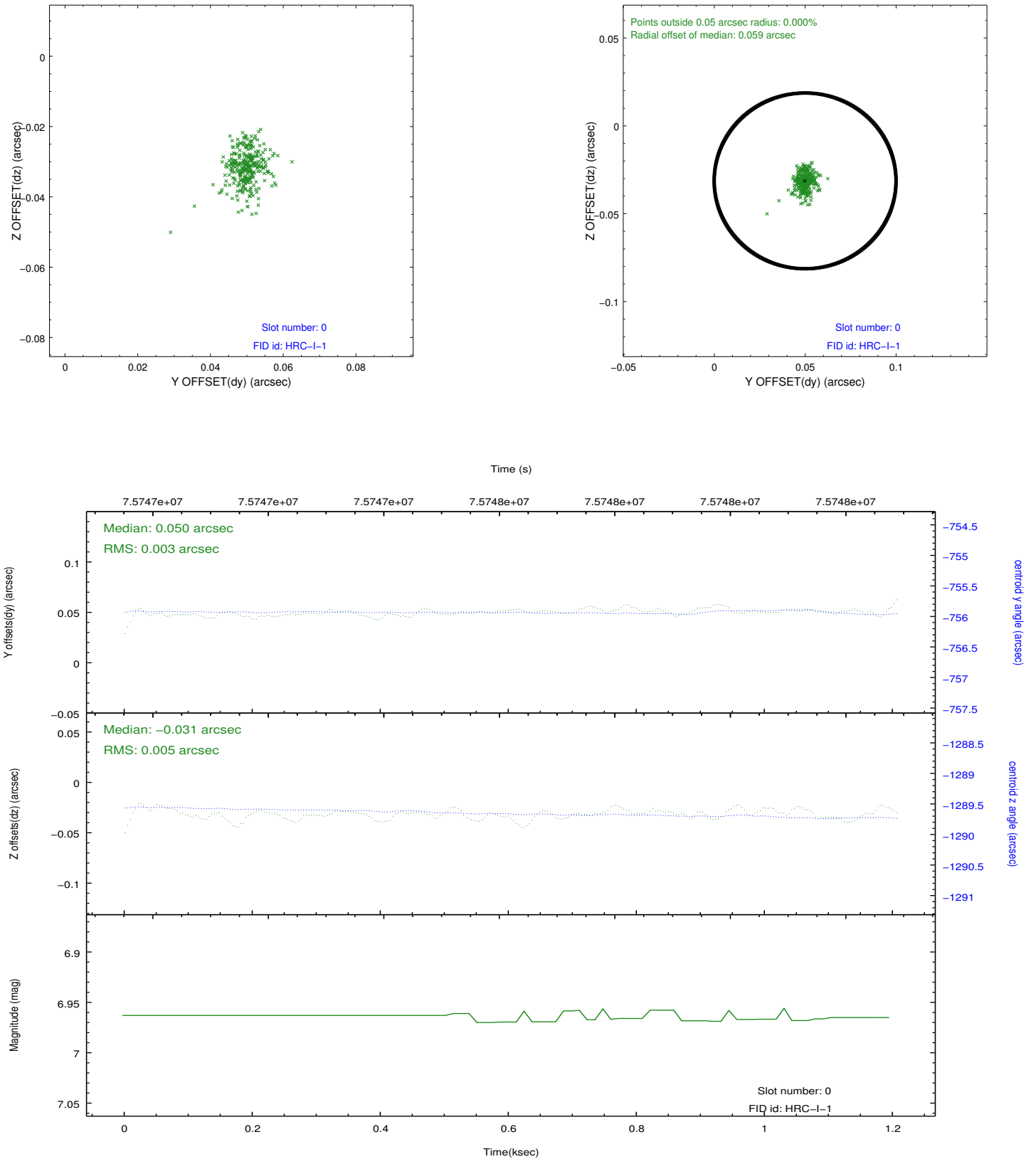


2.4.5 Slot 7

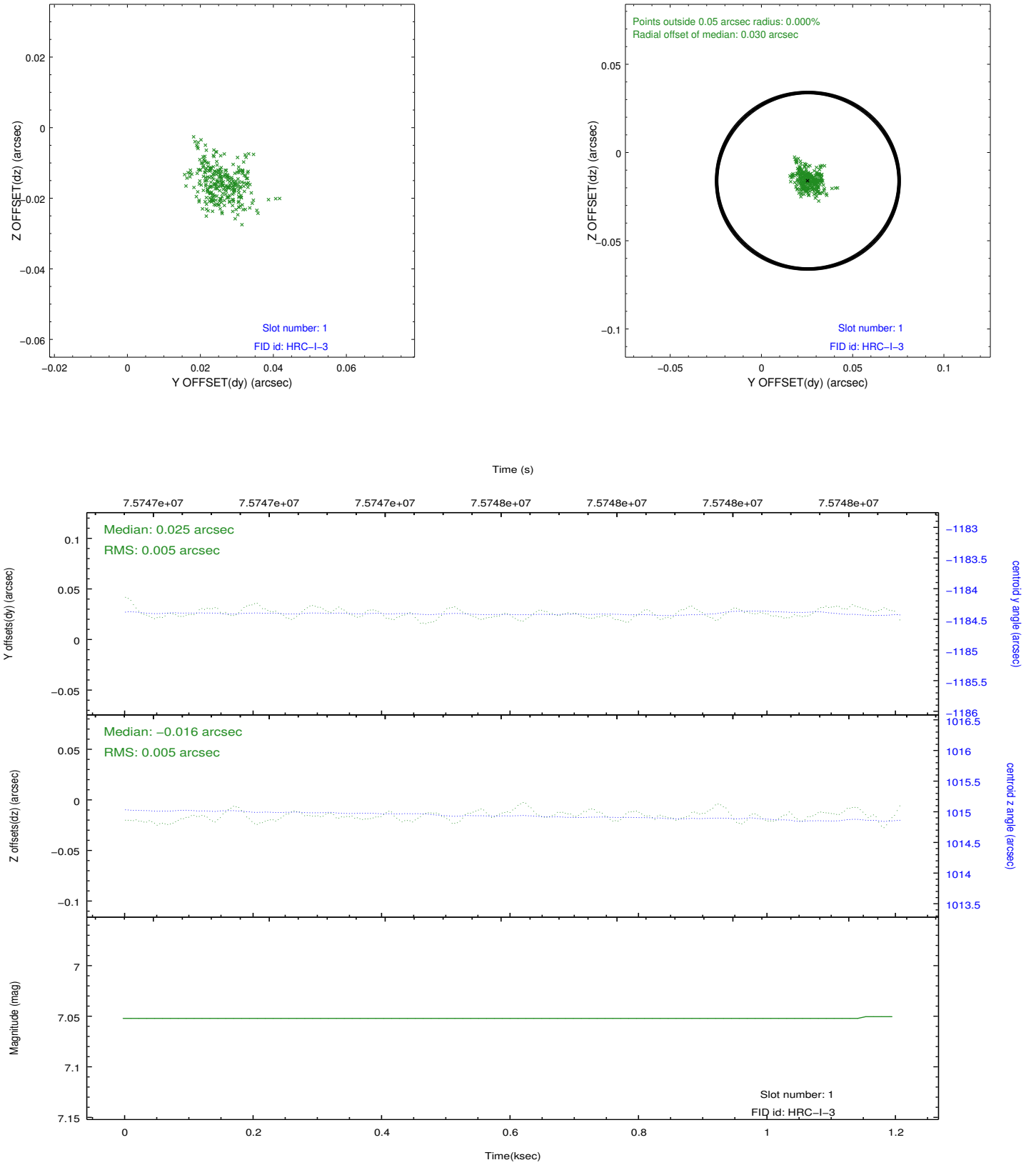


2.5 FID Slots

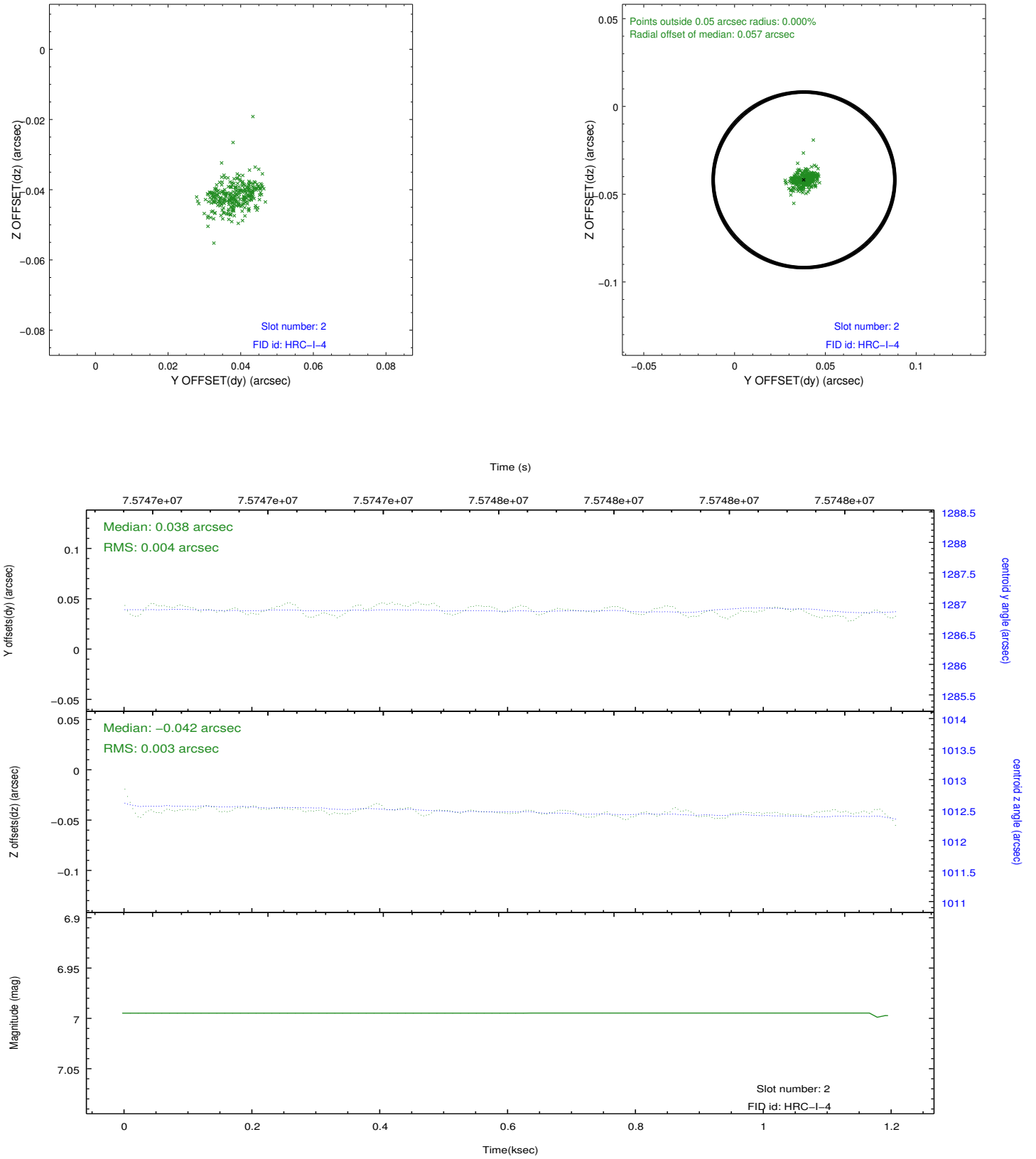
2.5.1 Slot 0



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)	2012.08.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.208

A.2 Comments