

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5412 - L2 Version 4
Chandra X-Ray Center

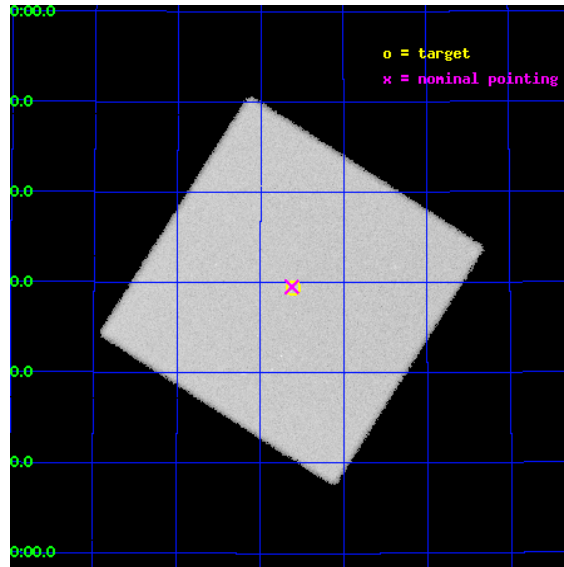
L2 Processing Date : Aug 11 2012

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1 Front

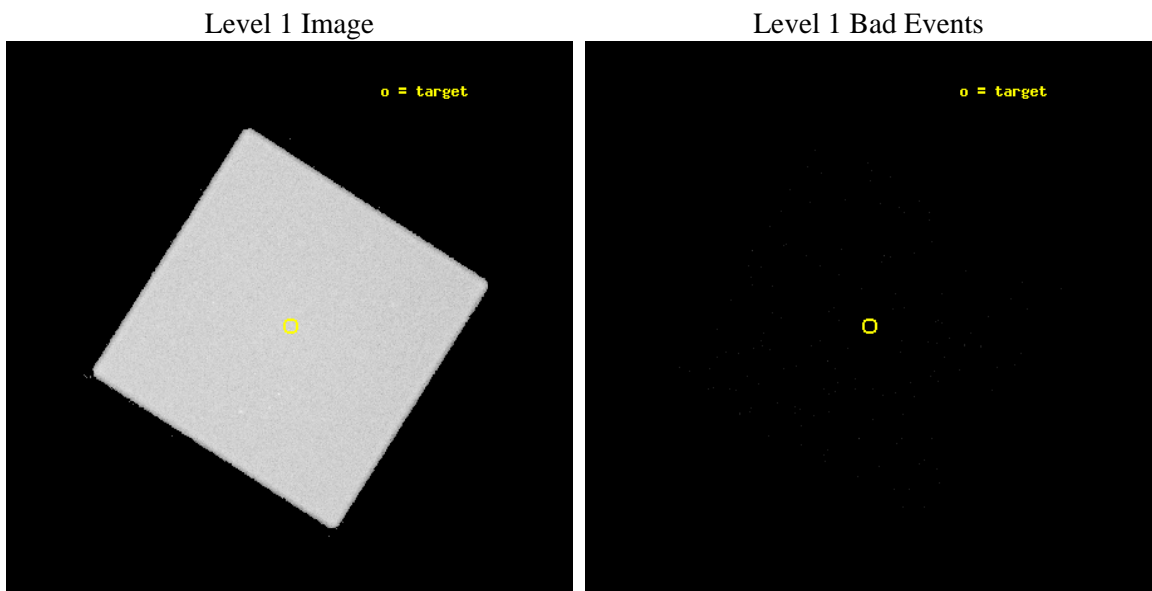
seq_num	200345	Sequence number
obs_id	5412	Observation id
title	Resolving the Puzzle of Hybrid Star Coronal X-rays	Proposal title
observer	Dr. Thomas Ayres	Principal investigator
object	HD 164058	Source name
ra_targ	269.151667	Observer's specified target RA [deg]
dec_targ	51.488889	Observer's specified target Dec [deg]
ra_nom	269.15560351433	Nominal RA [deg]
dec_nom	51.492266567117	Nominal Dec [deg]
roll_nom	77.519006098628	Nominal Roll [deg]
revision	4	Processing version of data
ontime	20187.63218841	[s]
livetime	20020.21673658	Ontime multiplied by DTCOR
l2events	907697	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	20000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	20187.63218841	[s]
caldbver	4.5.1.1	 	l1events	1392962	Number of level 1 events
date	2012-08-11T02:00:08	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

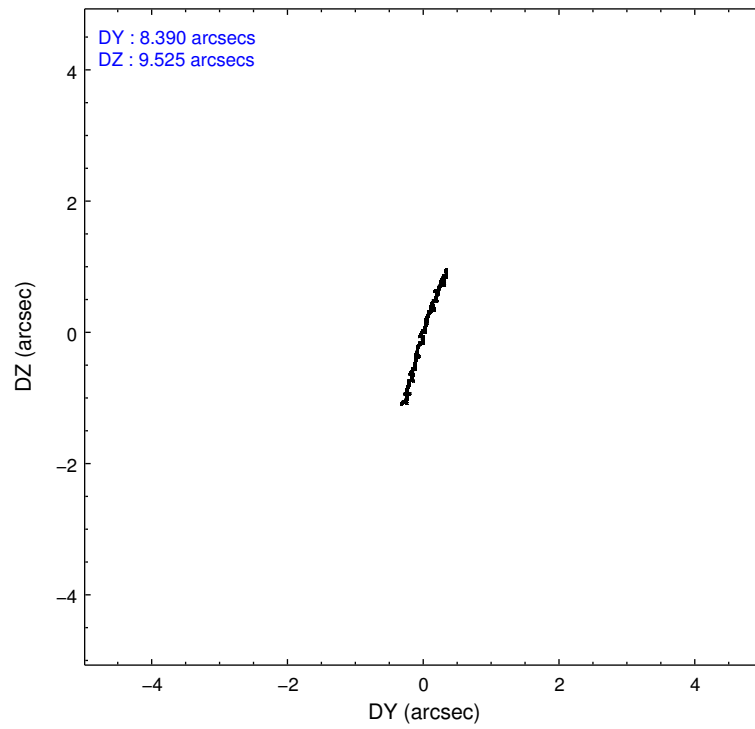
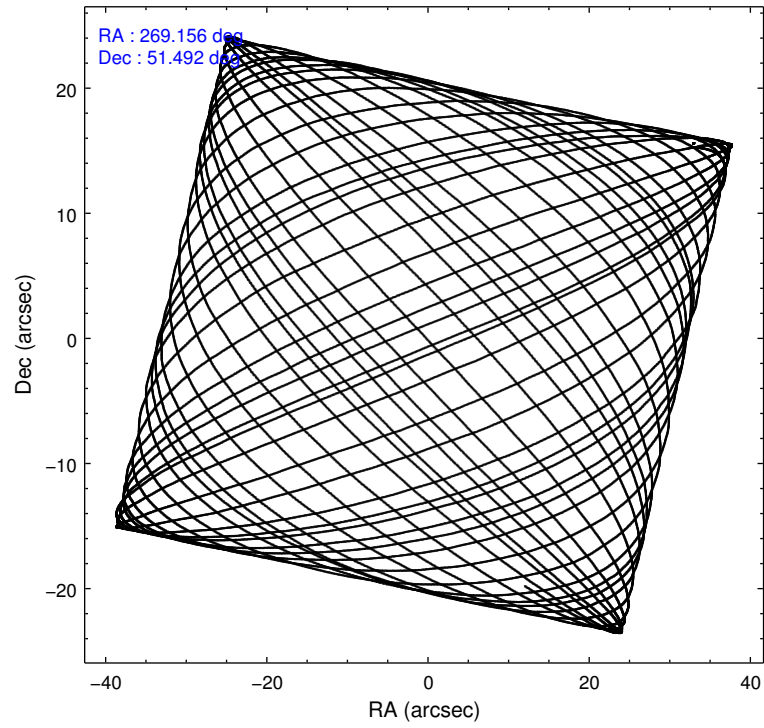
	segment 0
level 1 events	1392962
rejected events	34178
rejected %	2%

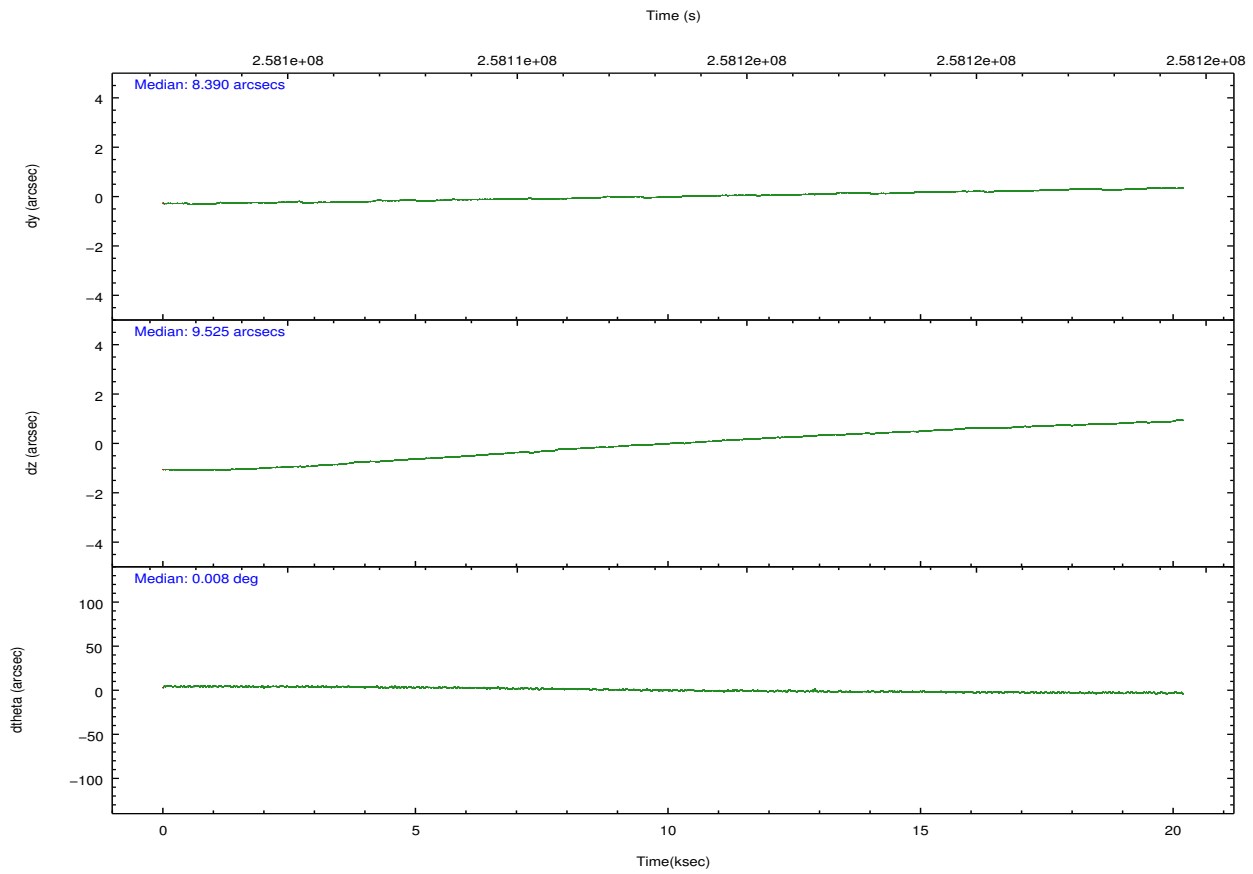
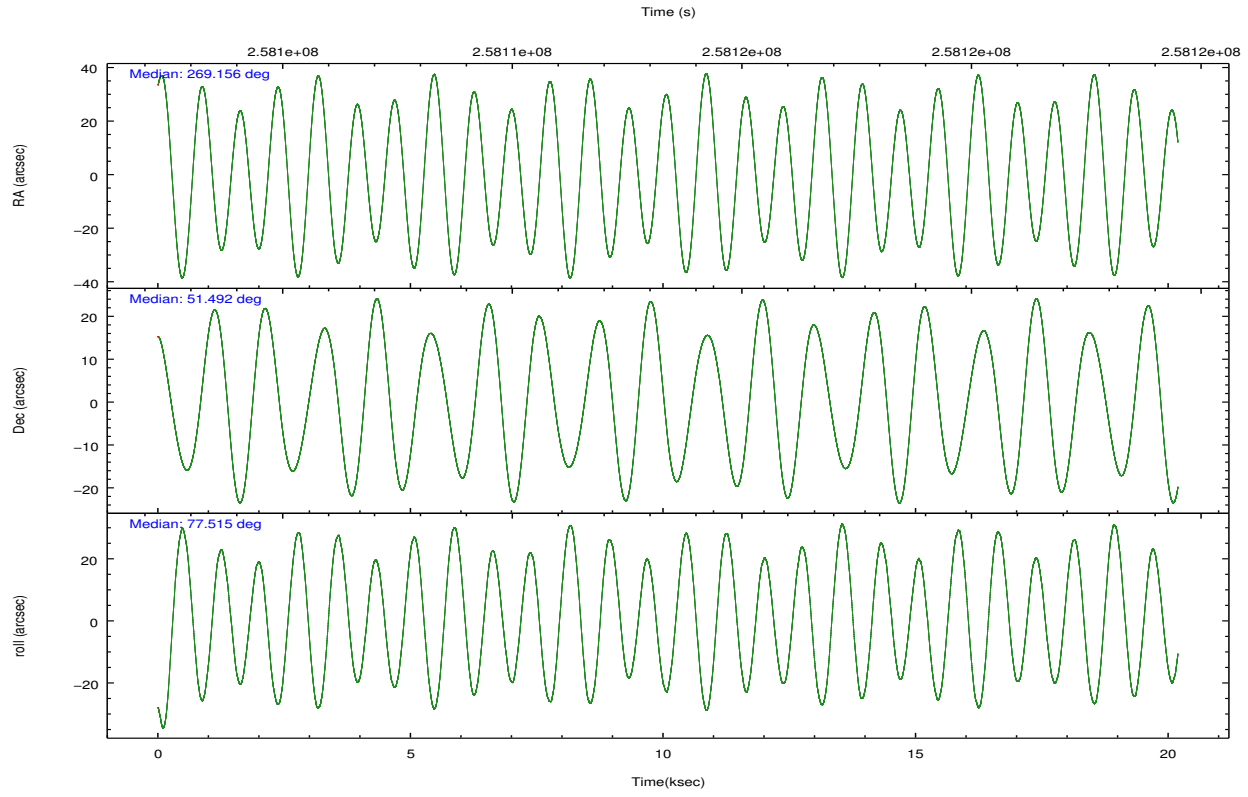
2.2 Compared Parameters

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	269.169564	269.1556035143294
[deg] Pointing Dec	51.466644	51.49226656711693
[deg] Pointing Roll	77.603570	77.51900609862827
[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)	258103491.184000	258102846.89027
Observation start date	2006-03-07T07:23:46	2006-03-07T07:14:06
[s] Observation end time (MET)	258123491.184000	258124554.85378
Observation end date	2006-03-07T12:57:06	2006-03-07T13:15:54

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

2.3 Aspect



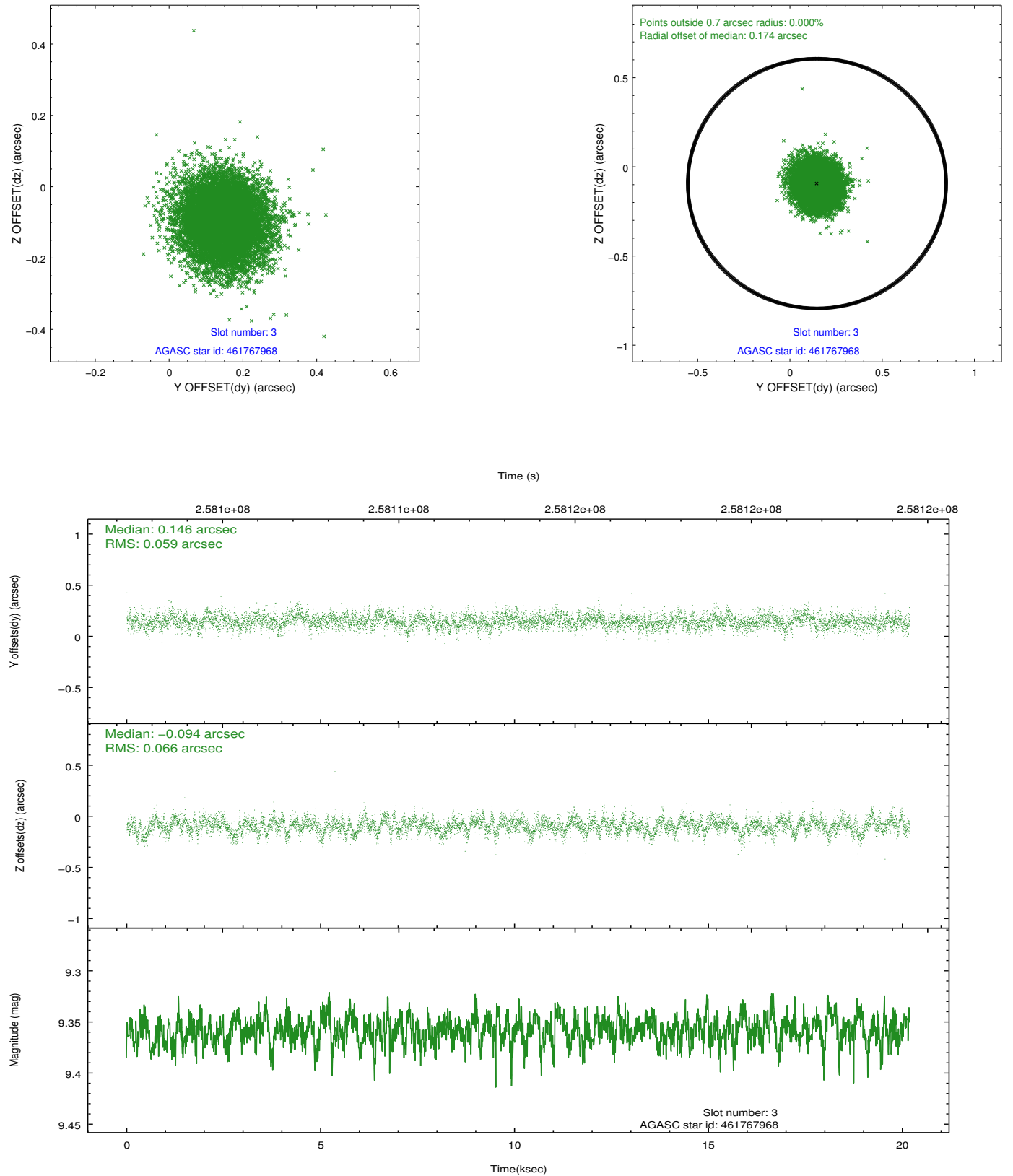


Slot Statistics

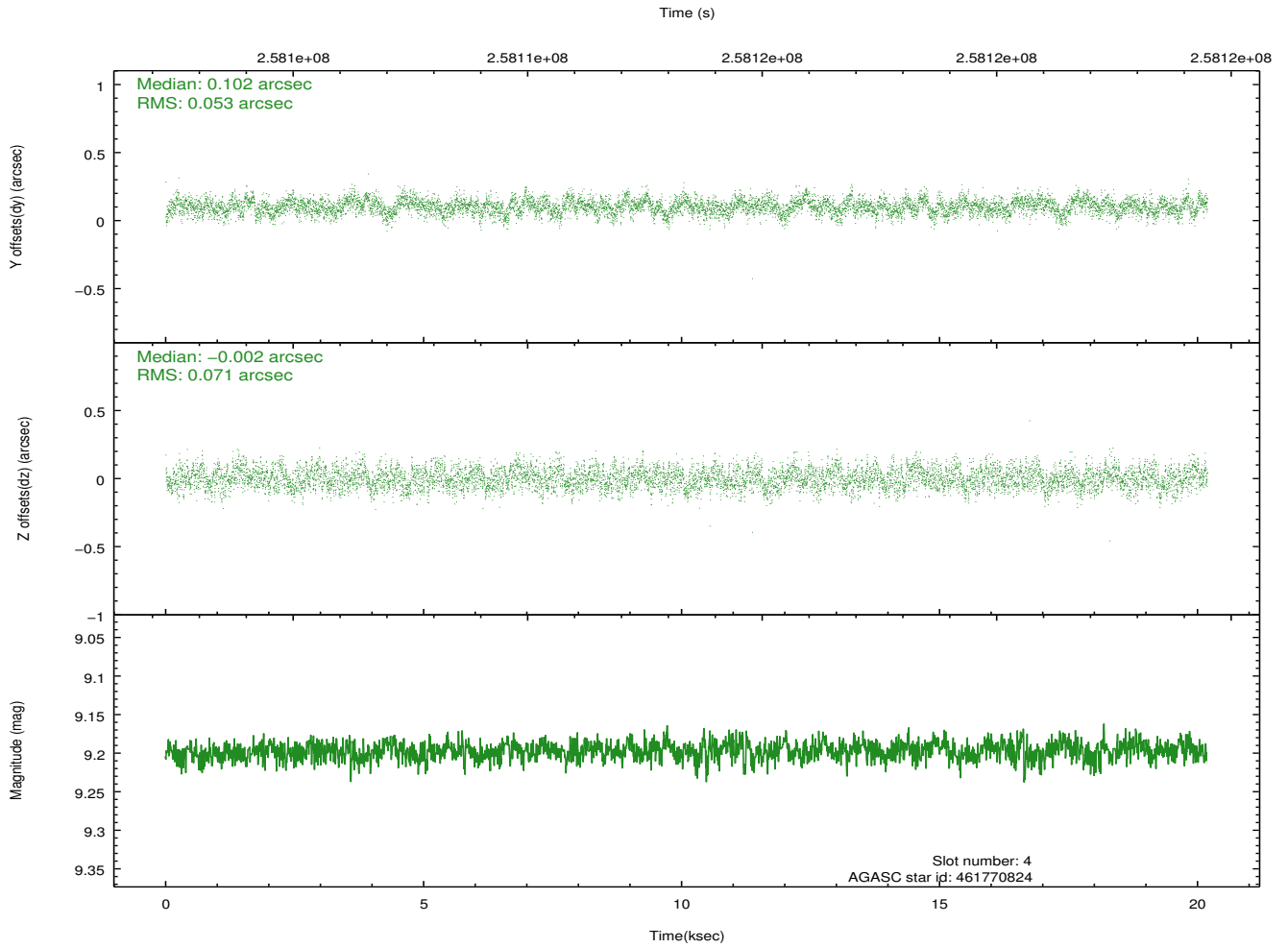
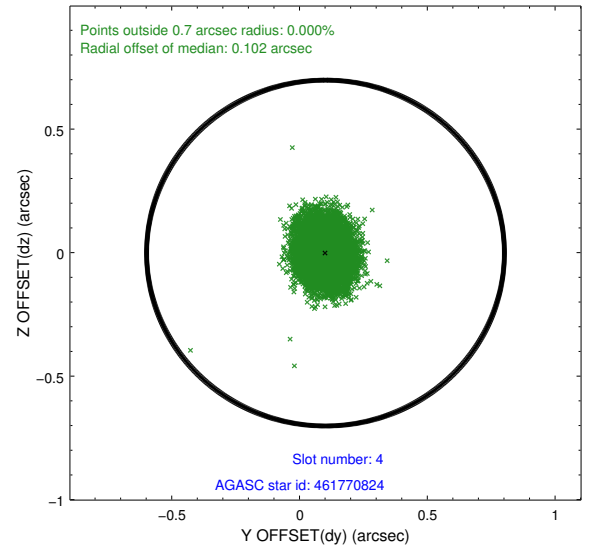
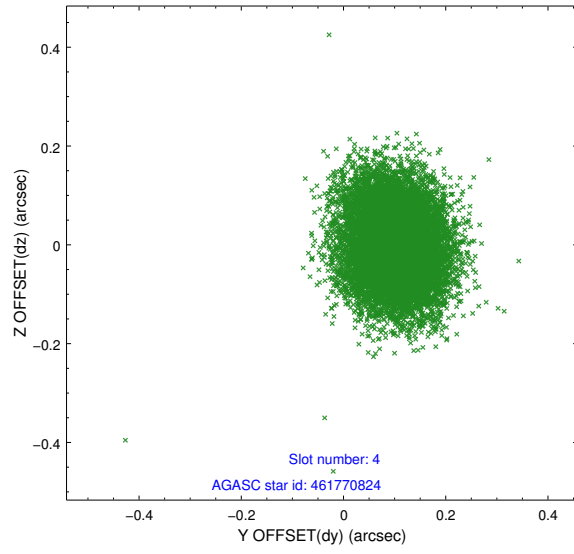
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	4924	-0.031	0.050	0.020	0.029	0.000000	0.000000	-764.04	-1297.34
1	FID	HRC-I-2	7.01	4925	0.149	-0.089	0.022	0.037	0.000000	0.000000	848.61	-1299.30
2	FID	HRC-I-3	7.06	4924	0.003	-0.045	0.016	0.037	0.000000	0.000000	-1192.34	1006.87
3	GUIDE	461767968	9.36	9840	0.146	-0.094	0.094	0.155	268.789848	50.862019	-2308.52	376.10
4	GUIDE	461770824	9.20	9836	0.102	-0.002	0.094	0.151	269.799197	51.211853	-584.88	-1581.99
5	GUIDE	461772376	8.65	9841	0.078	-0.060	0.071	0.116	268.797256	51.497339	-68.78	839.41
6	GUIDE	461778808	7.06	9849	-0.339	0.112	0.053	0.085	269.865553	51.843010	1662.90	-1218.75
7	GUIDE	463473168	8.05	9845	0.014	0.052	0.080	0.129	270.016115	50.921564	-1492.87	-2295.16

2.4 Star Slots

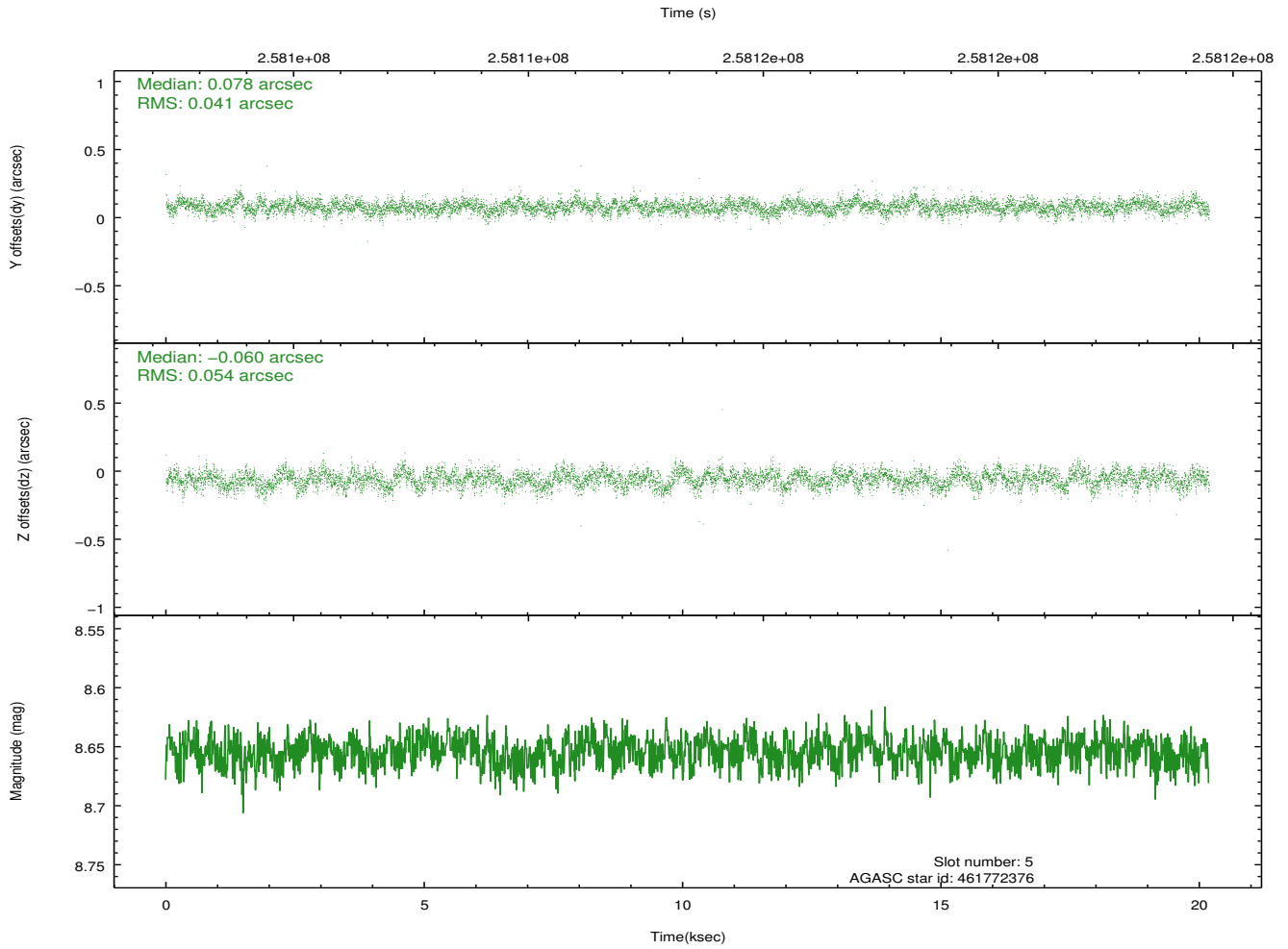
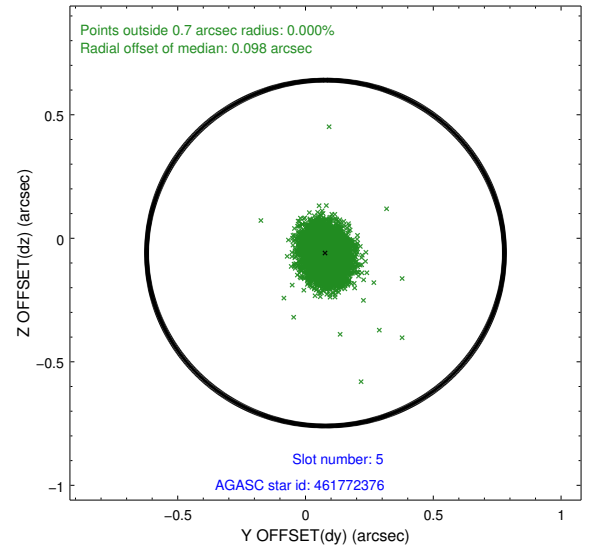
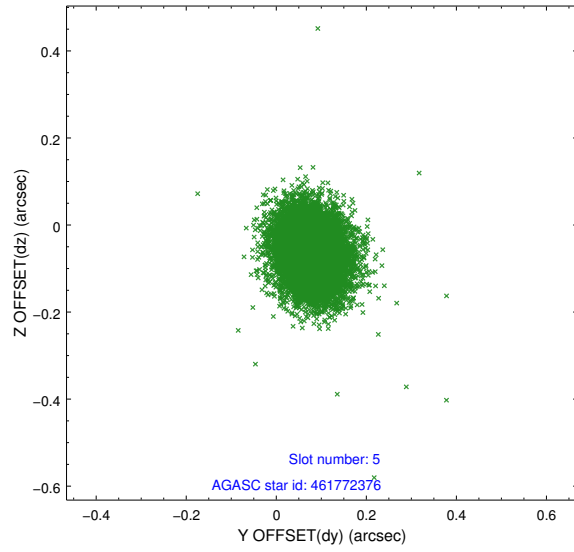
2.4.1 Slot 3



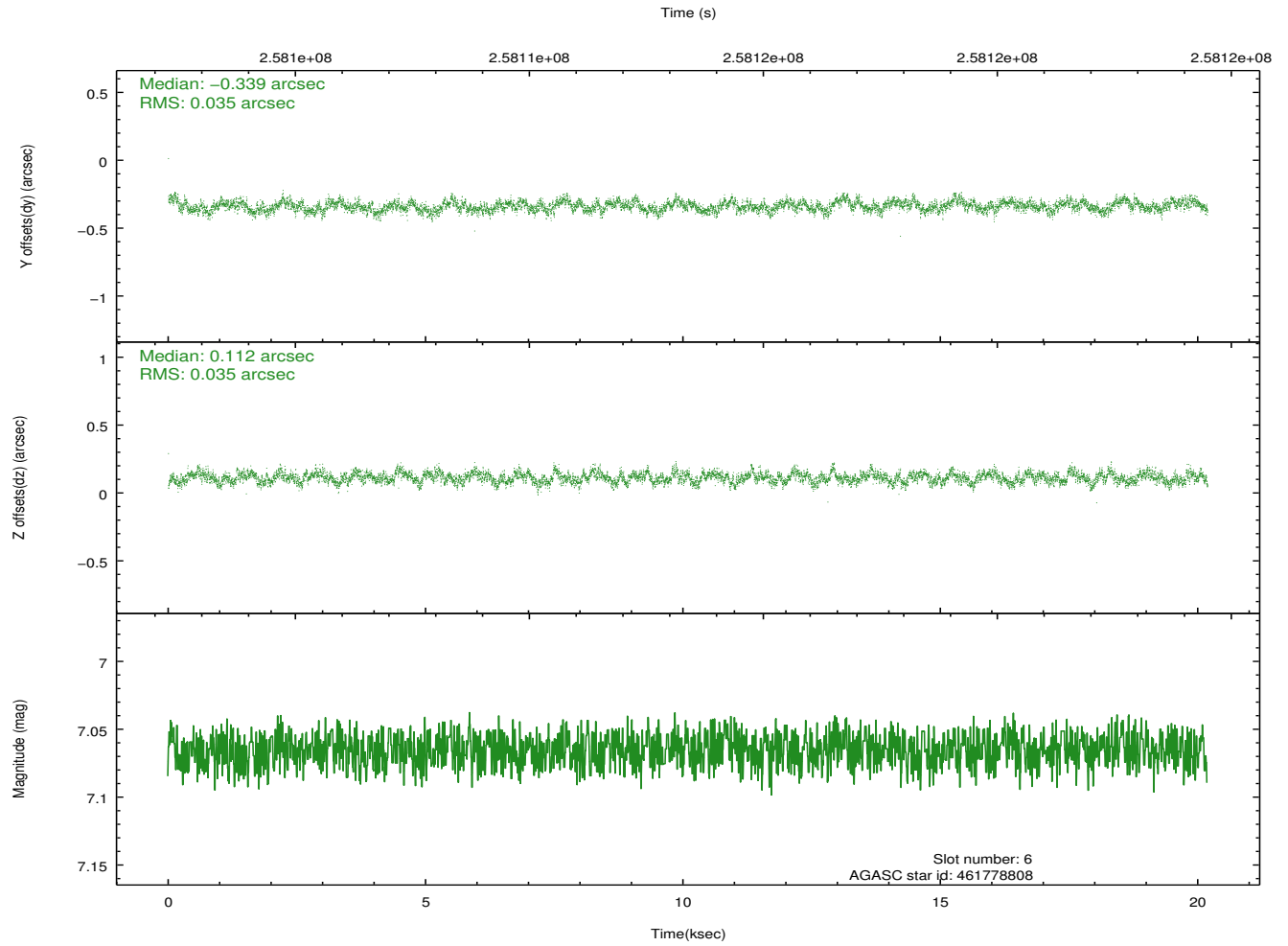
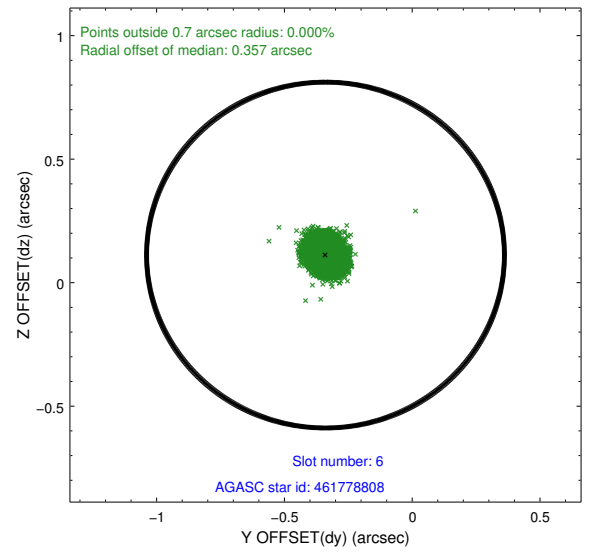
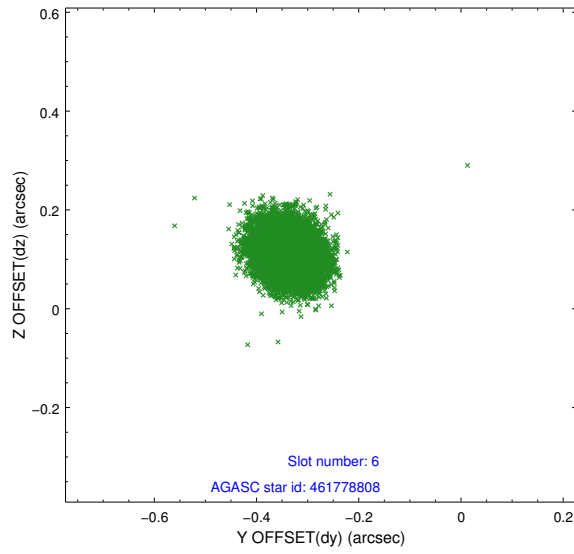
2.4.2 Slot 4



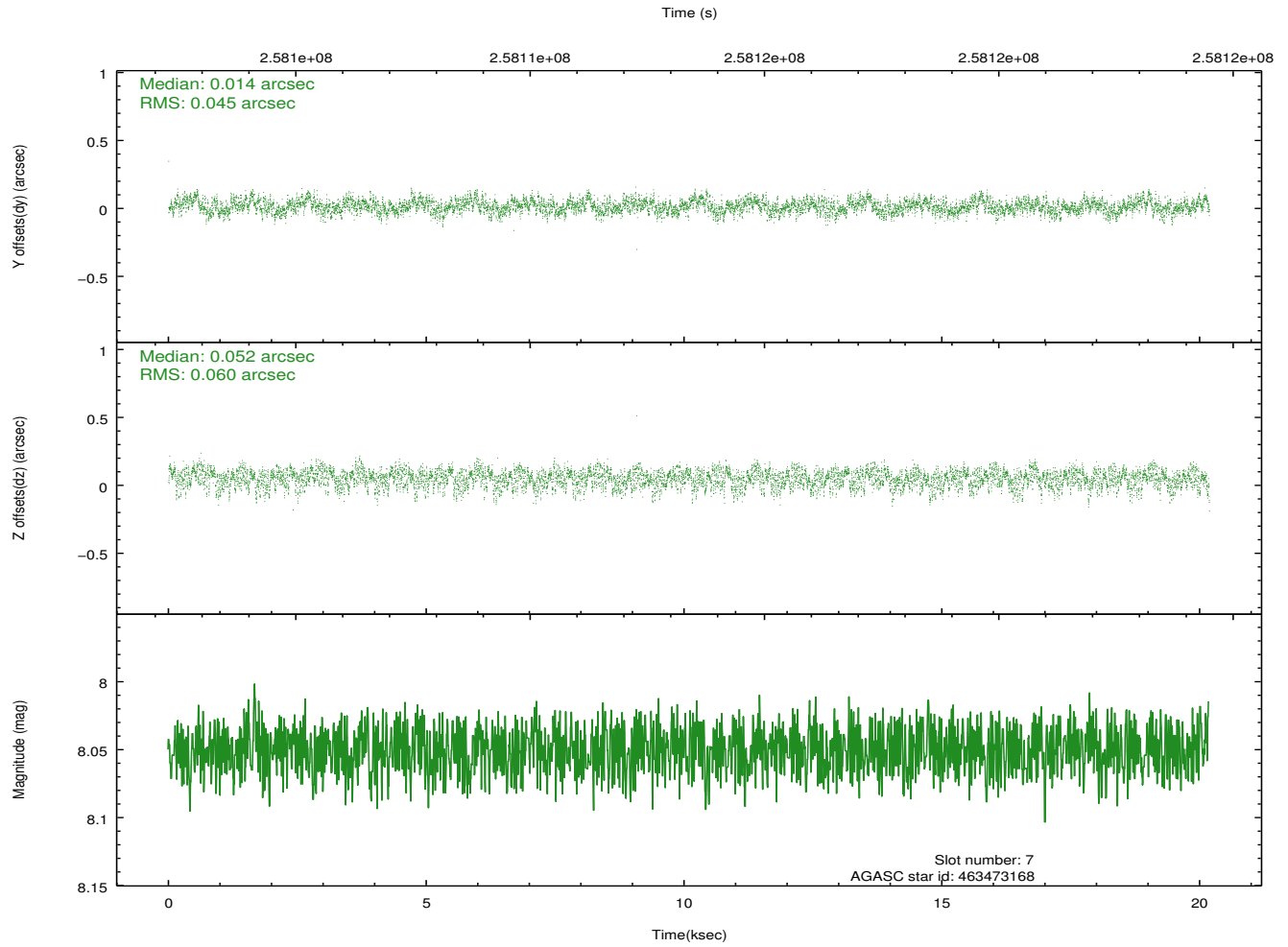
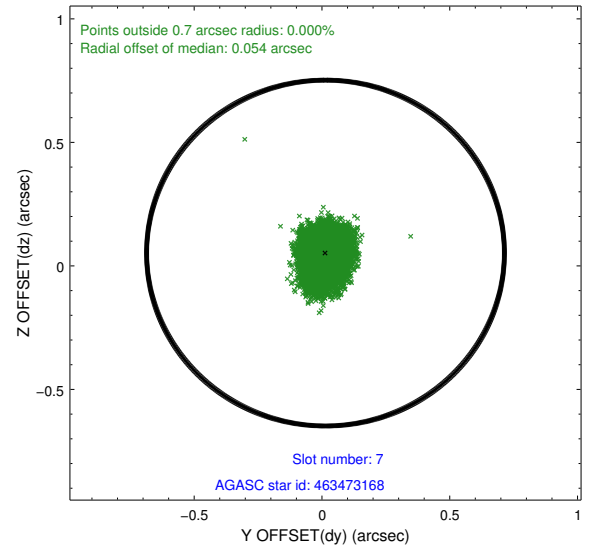
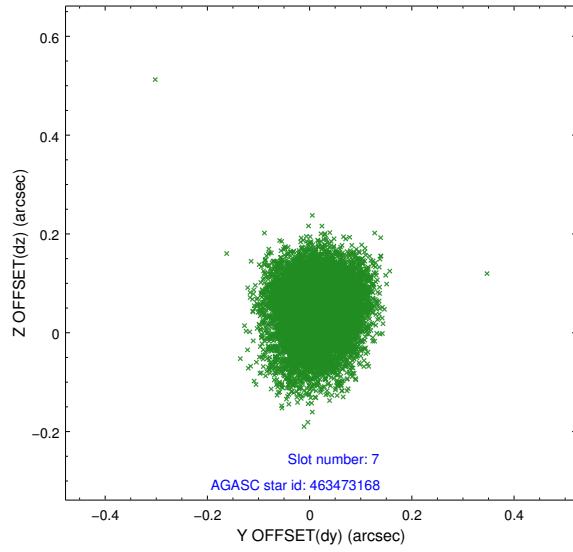
2.4.3 Slot 5



2.4.4 Slot 6

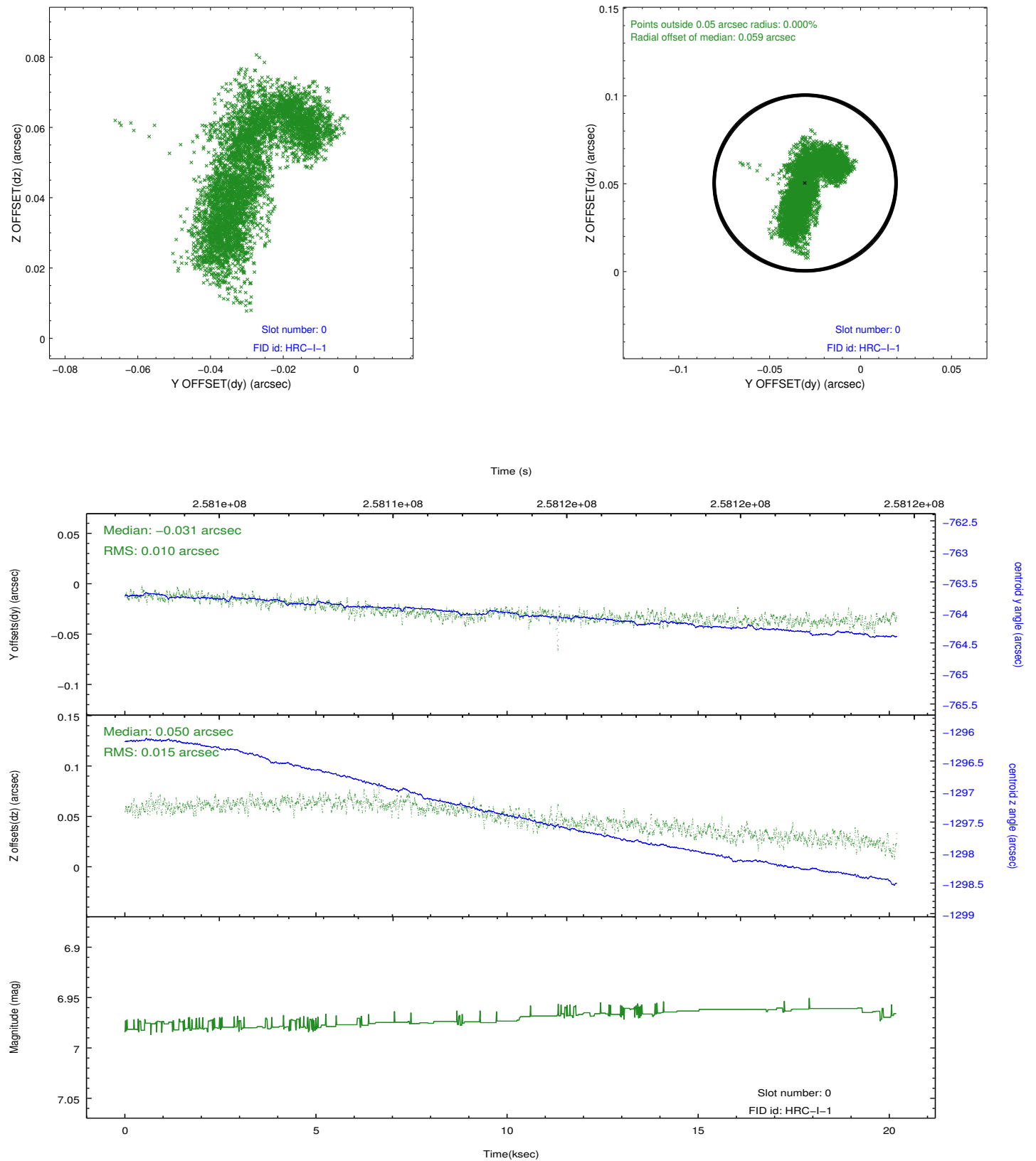


2.4.5 Slot 7

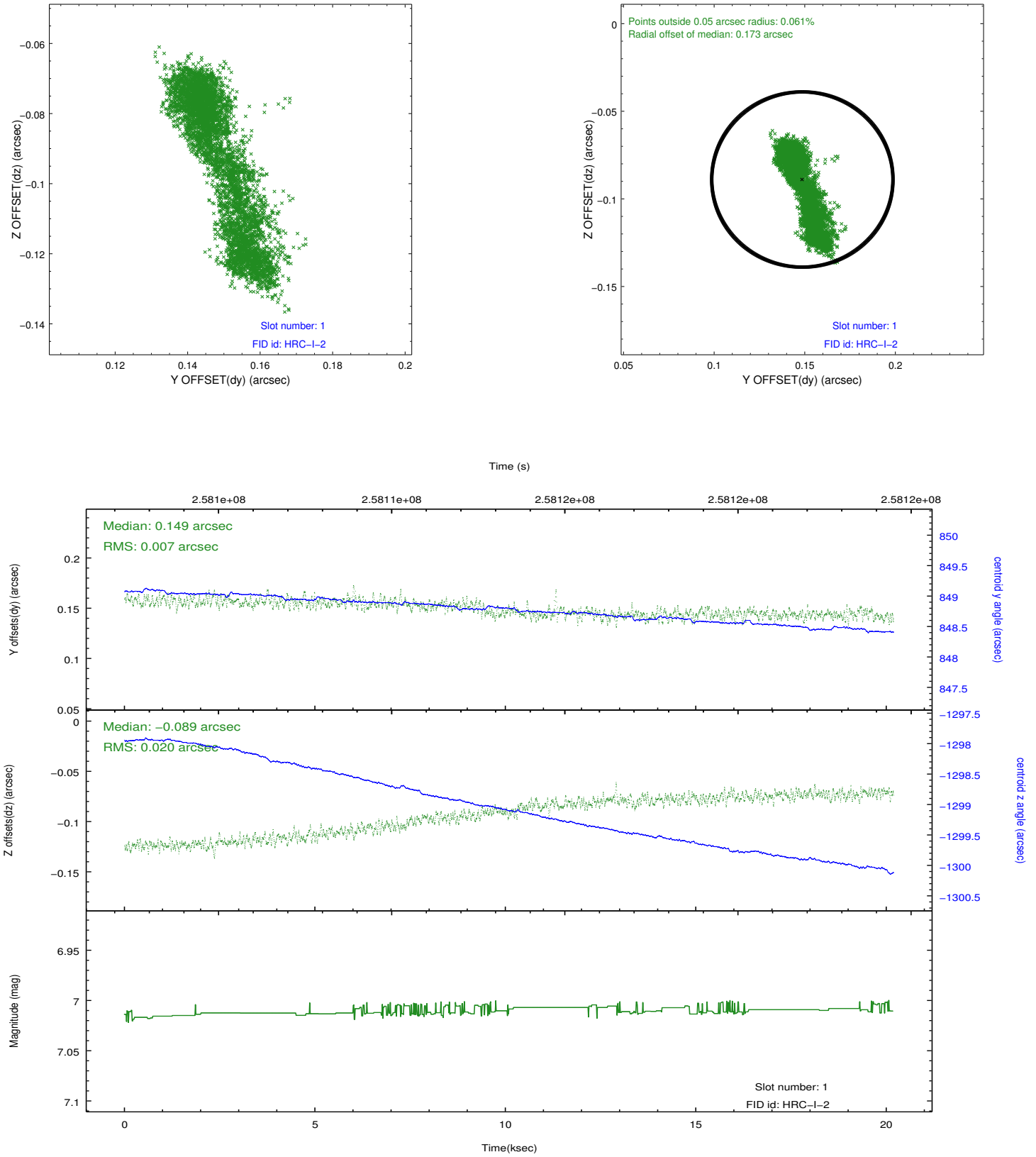


2.5 FID Slots

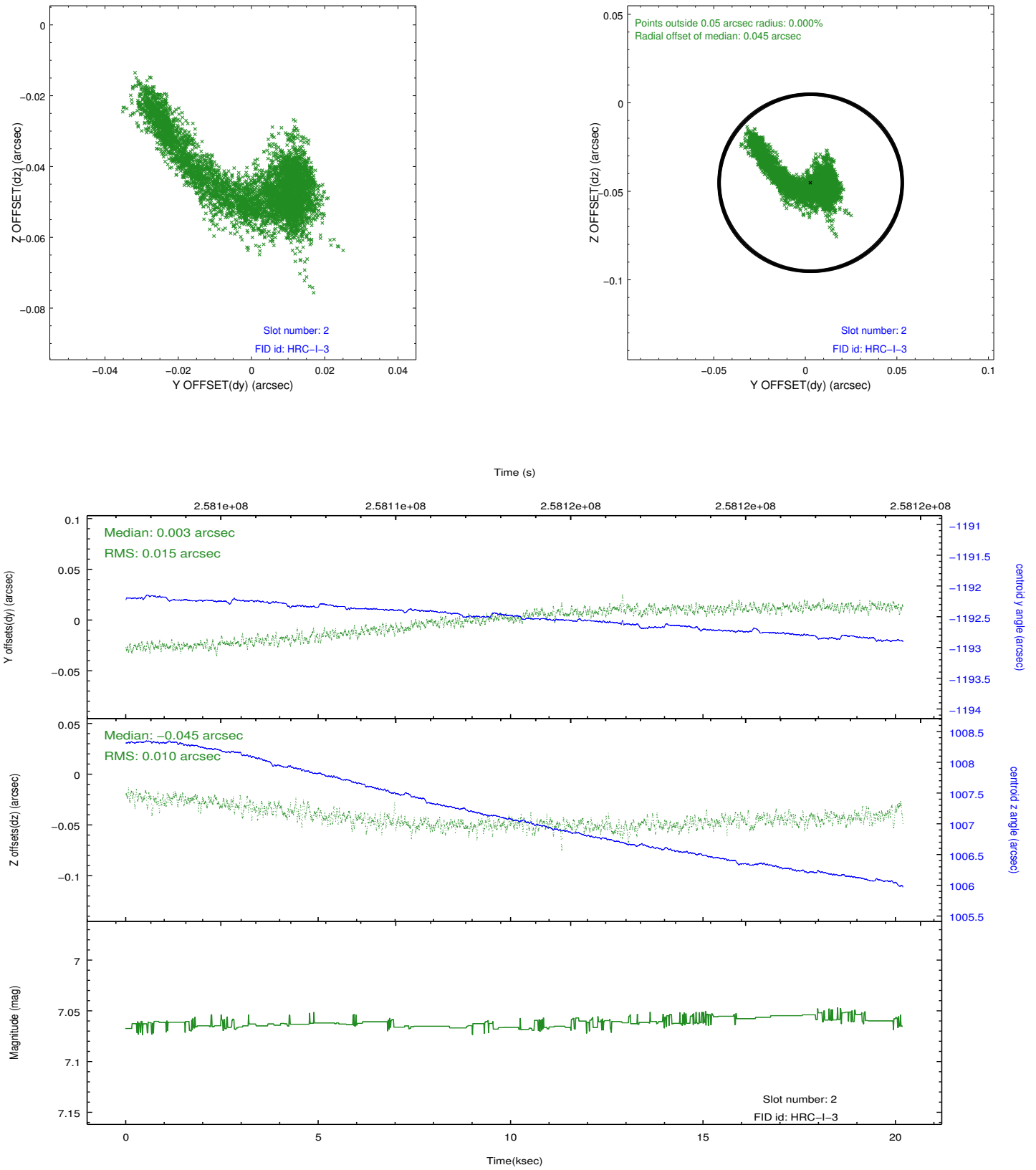
2.5.1 Slot 0



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	20.1876321

A.2 Comments

Joint proposal with HST.