

## QGIS Application - Bug report #19902

### Advanced Digitizing tool NOT aligned with measurement tool

2018-09-20 03:19 PM - Jan Rasmussen

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Jan Rasmussen	
<b>Category:</b>	Digitising	
<b>Affected QGIS version:</b>	3.2.3	<b>Regression?:</b> No
<b>Operating System:</b>	Win 10	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 27726
<b>Description</b>  When drawing an exact 300 x 300 meters polygon with advanced digitizing tool and then do a measurement, with the measurement tool. It displays the polygon as 300,092 meters x 300,092 meters. IN QGIS 2.18 this does not occur.  I'm guessing this might have something to do with the earth not being flat in QGIS3. :-)  Could the transformation parameters be wrong in the AD-tool or M-tool? Or could this be a mistake in one of the two tools?		
<b>Related issues:</b> Related to QGIS Application - Bug report # 11713: Measure tool ellipsoid defa... <b>Closed</b> <b>2014-11-21</b> Related to QGIS Application - Bug report # 10392: Ellipsoid for measurement k... <b>Closed</b> <b>2014-05-29</b>		

#### Associated revisions

**Revision fbc22e20 - 2019-02-22 08:22 PM - Loïc BARTOLETTI**

[feature] Add an option to cartesian measurement

Adds an option force Cartesian measurements to the measure distance/area dialogue

Fixes #19902

#### History

**#1 - 2018-09-20 09:28 PM - Giovanni Manghi**

- Priority changed from High to Normal

**#2 - 2018-09-21 11:56 AM - Jan Rasmussen**

- Assignee set to Jan Rasmussen

- Status changed from Open to Closed

Found out that the issues has something to do with #11713 and #10392. Hoping to add a good solution to this ticket soon

**#3 - 2018-09-21 11:59 AM - Jan Rasmussen**

when choosing "None / planimetric" in ellipsoid settings, it solves the problem. Keeping that setting as standard seems to be another issue

**#4 - 2018-09-21 12:17 PM - Jürgen Fischer**

- Related to Bug report #11713: Measure tool ellipsoid defaults to 'None/Planametric' regardless of previous ellipsoid selection added

**#5 - 2018-09-21 12:17 PM - Jürgen Fischer**

- Related to Bug report #10392: Ellipsoid for measurement keeps getting reset added

**#6 - 2018-09-21 03:11 PM - Loïc BARTOLETTI**

Measurement tool show only projected measures.

I will add an option to show also cartesian measures as in identification tool.

**#7 - 2018-09-24 07:31 AM - Jan Rasmussen**

Loïc BARTOLETTI wrote:

*Measurement tool show only projected measures.*

*I will add an option to show also cartesian measures as in identification tool.*

Okay, fantastic :-)