

QGIS Application - Bug report #21933

GPS Information / Position always shows "-1.0m" for accuracy

2019-04-25 10:57 PM - J F

Status:	Feedback	
Priority:	Normal	
Assignee:		
Category:	GPS Live Tracking	
Affected QGIS version:	3.6.2	Regression?: No
Operating System:	Linux and Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 29748
Description		
<p>I tried several versions of QGIS (2.18, 3.6, 3.4)</p> <p>All of them show the same behaviour:</p> <p>The H Accuracy and V Accuracy is always "-1.0m".</p> <p>If you use a receiver in RTK-Mode, you really want to see the residuals..</p>		
Vertical RMS		
$VRMS = \text{math.sqrt}(\text{math.pow}(GST_Field_8, 2))$		
Horizontal RMS		
$HRMS = \text{math.sqrt}((\text{math.pow}(GST_Field_6, 2) + \text{math.pow}(GST_Field_7, 2))/2)$		
Positional RMS		
$PRMS = \text{math.sqrt}((\text{math.pow}(GST_Field_6, 2) + \text{math.pow}(GST_Field_7, 2) + \text{math.pow}(GST_Field_8, 2))/3)$		
<p>Please make that available!</p> <p>Thanks!</p>		

History

#1 - 2019-04-26 07:48 AM - Jürgen Fischer

- Priority changed from High to Normal
- Status changed from Open to Feedback
- Description updated
- Subject changed from GPS Information / Position allways shows "-1.0m" for accuracy to GPS Information / Position always shows "-1.0m" for accuracy

What's the problem with this? -1.0m is just the initial value, apparently means "unknown accuracy" and is only used for informational purposes.

#2 - 2019-04-26 01:47 PM - Jürgen Fischer

- Pull Request or Patch supplied changed from No to Yes

See also <https://github.com/qgis/QGIS/pull/9874>