Reviewer's report

Title: Correlation between 3G mobile phone use and the development of brain tumor

Version: 3 Date: 2 February 2015

Reviewer: Kjell Hansson Mild

Reviewer's report:

The paper is acceptable for publication after minor revisions. The exposure part are not described well enough for someone to repeat the study independently, therefore more details are needed. These points are listed below:

Page 2 line 2 "cellular phone" : in title and elsewhere Mobile phone is used. Change.
Page 2, key words: brain tumour already in title, find new one.
Page 3 line 15. Explain better what is TD-SCDMA, pulsed, continuous or what?
Page 5, lines 11 and onward: How was the incubator with regard to magnetic field at power frequency?
Page 5 line 19 express 24 dBm as power (250 mW)
Page 5, line 23 How was the SAR value obtained? Does 5.03 W/kg represent the whole dish or is it an average value? Is it realistic to give three figure accuracy for SAR; is not two enough, 5.0 W/kg?
Page 5 line 25 It is not clear how many dishes were exposed at the same time? Could the exposure system really handled many dishes and give a uniform SAR? Explain. Was the temperature checked during the experiment?
Page 10 line 3 and 18: two different way of expressing the exposure.
Page 13, line 10, the ref to (14) seems out of place, give ref to the original study by Interphone.
Page 13 line 18-20; already said, delete.
Page 17 line 25 change Lonn to Lönn
Page 20 line 3 “ signal up to strong enough” find better wording

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.
Declaration of competing interests:

I declare that I have no competing interests.