

Title:

Mr

Forename:

Simon

Surname:

Densley

Representing:

Self

What do you want Ofcom to keep confidential?

Keep nothing confidential

Question 1: Are there any reasonable grounds why Ofcom should not grant the request to vary the five Wireless Telegraphy Third Generation Mobile Licences by increasing the permitted maximum in-band EIRP to 68dBm as soon as practicable? If so, please explain your reasoning for this:

Such an increase is likely to cause health problems in the long term.

Several epidemiological studies show that spending prolonged periods, (i.e. residing) close to an existing base station correlates directly with an increase in health problems. The number of health complaints, which include life threatening illness, has been observed to be roughly inversely proportional to the distance from the base station. (See Santini et al. 2002, 2003; Wolf R, Wolf D, 2004; Loscher W, Kas G 1998).

Numerous other studies, many of which are referred to in the Bioinitiative report, show that the mechanisms causing biological harm are not thermal, which was originally thought to be the only possible source of a biophysical effect, but are both non-thermal and found to work at much lower energy levels than considered possible when only heating effects were taken into account. Government guidelines (ICNIRP) however only take thermal effects into account which is why current 'within guidelines' levels are already causing the health problems seen in the epidemiological studies referred to above.

I therefore consider it reckless in the extreme, in the face of scientific evidence that existing levels are already far too high, to increase the permitted maximum by any amount. I suggest it should become a matter of priority to lower the permitted maximum to a level which takes the non-thermal health effects into account and also accounts for the sum energy sustained in areas affected by more than one base station.

Question 2: Are there any reasonable grounds why Ofcom should not also apply the increased permitted maximum in-band EIRP to future 2 GHz MSS/CGC licences? If so, please explain your reasoning for this:

The reasons I have set out in question one also apply here.