Written evidence submitted by Electrosensitivity UK (SMH0158)

I am writing on behalf of the young people whose health is adversely affected by wireless and similar screen devices which are often used for social media.

A. Established adverse health effects for wireless screen devices

1. (a) All young people and adults can be adversely affected by wireless radiation at the molecular level, causing long-term health problems in about 30-40%.
   (b) A small number of young people are seriously affected by the wireless radiation given off by devices like mobile phones, if they use them themselves or if those around them use such devices or by Wifi or by phone masts.
2. This wireless radiation was classified as a Class 2B human carcinogen by the WHO/IARC in 2011. The leading experts say that new evidence is now sufficient for it to be reclassified as a Class 1 human carcinogen.
3. The established neurological effects on young people (and adults) sensitive or intolerant to this wireless radiation include headaches, concentration difficulties, memory loss, anxiety, depression, emotional lability etc., in addition to cancers, infertility and cardiovascular effects (see Select Studies).

B. Suggestions for safeguarding young people

These ideas are taken from, or based on, examples in France and statements by leading experts on wireless health effects, such as Professor D. Belpomme:

1. Ban mobile phones and wireless devices for all young people.
2. Ban mobile phones in schools.
3. Ban Wifi, iPads and similar wireless devices in schools.
4. Ban mobiles and Wifi near pregnant women to reduce ADHD and autism risks.
5. Limit use of wireless devices by adults to 20 minutes per day.
6. Use wired internet connections instead of wireless radiation where possible.

C. Safety Guidelines

The UK should adopt international safety guidelines, such as EUROPAEM EMF 2016 or Bioinitiative 2012, which include long-term guidelines specifically for sensitive groups within the population such as children and young people.

Levels for Wifi radiation etc: (power density: $\mu W/m^2$)	Natural level:	0.000001
	Sensitive level (long-term):	0.1
	General population (long-term):	10
	UK current limit (heating, 6 min.):	9,200,000

At present the UK follows outdated and obsolete guidelines which protect only against a temperature rise of one degree over six minutes. This invalidated hypothesis derives from Schwan's mistake of 1953. Many young people can raise their body temperature by this amount in the gym without causing cancers and the other known adverse effects. The UK should follow the established evidence of the majority scientists for long-term limits, and not the minority clique at ICNIRP with its 6-minute heating limits.

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