

Organisation: Low Power Radio Association

Question 1: Do you agree with the proposal to vary the 1800 MHz Public Wireless Network licences to increase the maximum permissible downlink transmit power (e.i.r.p.) by 3 dB from 62 dBm per carrier to 65 dBm per carrier for UMTS and from 62 dBm per 5 MHz to 65 dBm per 5 MHz for LTE and WiMAX technologies?

The LPRA represent a number of manufacturers of millions of units of SRD equipment operating in the 863 – 868 MHz band, the performance of which is being compromised by interference from LTE equipment operating in the 832 – 862 MHz band.

The effects and severity of this interference in the UK and throughout the European Union has prompted the European Commission to ask ETSI and CENELEC to jointly investigate the reasons for this interference and to make proposals to mitigate it.

The LPRA considers it inappropriate to increase the maximum permissible downlink transmit power for another LTE band (1805.1 – 1876.7 MHz) that is also adjacent to the 1785 – 1804.8 MHz SRD radio microphones band until the outcome of the joint investigation has established and implemented mechanisms to reduce the interference from LTE equipment to an acceptable level.

Accordingly the LPRA does NOT agree with the proposal.