

## NOTICE

### REQUIREMENT FOR SATELLITE (EARTH STATION NETWORK) LICENCES TO PROTECT FIXED LINKS AT 14.25-14.5 GHz

1. This notice is made pursuant to the Satellite (Earth Station Network) Licence.
2. This Notice will apply until such time as Ofcom notifies licensees that it is no longer required. Ofcom may vary this Notice from time to time, to remove references to fixed links that are no longer in operation.
3. A land or maritime station shall not transmit within the area comprised of the Ordnance Survey national grid references (NGRs) in column 2 of the table below on any of the corresponding frequencies adjacent to those NGRs as listed in column 3.

Fixed link location (NGR)	Exclusion zone (the area within the following NGR points):	Corresponding frequencies (GHz)
Shilbottle: NU1910008100	NZ2369619026, NU0748409016, NU3198010457, NZ3551422190	14.277-14.305
Pegswood/Morpeth: NZ2180086400	NZ0218598105, NU2400928824, NZ3554394758, NZ2190186394	14.417-14.445

4. An aeronautical station transmitting in the frequency range 14.25-14.5 GHz shall not produce a power flux density on the territory of the UK exceeding:

$$\begin{array}{llll} -132 + 0.5 \cdot \theta & \text{dB(W/(m}^2 \cdot \text{MHz))} & \text{for} & \theta \leq 40^\circ \\ -112 & \text{dB(W/(m}^2 \cdot \text{MHz))} & \text{for} & 40 < \theta \leq 90^\circ \end{array}$$

where  $\theta$  is the angle of arrival of the radio frequency wave in degrees above the horizontal.

**25 Oct 2024**