

About this data: 4G mobile not spots

This file details the location of unserved 100m² pixels based on the indoor threshold signal strength of -105dBm. This is indicative of the geographic areas where Ofcom predicts will lack good outdoor coverage from any mobile operator at the time of the 700 MHz auction.

This data is a subset of the dataset already made available to Governments and Local Authorities, based on an agreement between Ofcom and all the operators of 20 July 2017. This has been updated for the most recent May mobile coverage predictions received from all operators, is based on a higher signal strength to be consistent with the proposed -105dBm signal threshold for outdoor coverage. The data is aggregated and anonymised across all operators and does not include any information that can be used to identify the coverage of individual operators.

File Format

The file is provided as a Comma Separate Values file, with double quote (") text delimiters where applicable.

File name: May_2018_4G_CNS.csv

Total records in file: 1 header row 2,577,204 data rows

File size on disk: 41.7 MB (43,753,472 bytes)

Column headers and what they represent:

Field	Note
eastings	Easting co-ordinate, Ordnance Survey GB 1936 projection (EPSG:27700). References South West corner of 100sqm grid.
northings	Northing co-ordinate, Ordnance Survey GB 1936 projection (EPSG:27700). References South West corner of 100sqm grid.
4G_count	Count of operators that estimate a signal strength of -105 dBm or higher This will be 0 in all instances as the file is limited to not spots only