



Dudley and Stourbridge Small Scale Digital multiplex application

Proposed coverage

Public



Digi mux

Dudley & Stourbridge Coverage |

Small-scale DAB polygon area population ¹ (Ofcom)		401,667
Relevant local DAB multiplex population ¹	Wolverhampton & Shropshire	1,317,388
Relevant local DAB multiplex population ¹	Birmingham	2,012,043
Relevant local DAB multiplex population ¹	Hereford & Worcestershire	626,760

Population ¹ served at 63dBuV/m inside polygon		220,314
Population ¹ served at 63dBuV/m outside polygon (overspill)		12,490
Population ¹ served at 54dBuV/m		546,382

Population overspill at 63dBuV/m (as a percentage) ²		3.1%
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Overlap with relevant local DAB multiplex (as a percentage) ³	Wolverhampton & Shropshire	17.7%
Overlap with relevant local DAB multiplex (as a percentage) ³	Birmingham	11.6%
Overlap with relevant local DAB multiplex (as a percentage) ³	Hereford & Worcestershire	37.1%

Co-Block Small-Scale DAB polygons Spa & Stratford-on-Avon, Cheltenham & Tewkesbury, Monmouth, South Powys and North Powys		9C
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Notes

- 1 Adult population aged 15+ (UK Census 2011)
- 2 Overspill of a small-scale DAB polygon is limited to 30% of the polygon area population
- 3 Overlap with a local DAB multiplex is limited to 40% of the relevant local multiplex population

Dudley & Stourbridge Coverage Prediction

63 dBuV/m



Dudley & Stourbridge Coverage Prediction

54 dBuV/m

