



# DAB Coverage Plan: Northern Ireland Local Multiplex

**Publication date: September 2020**

## Northern Ireland local DAB multiplex (Block 12D) predicted final coverage

Indoor Coverage	1% Time Propagation (HH)	Normal Propagation (HH)	Map Colour
<b>Proportional count: 80% to 95% Locations</b>	<b>736,796 (92.45%)</b>	738,405 (92.63%)	Not Applicable
<b>95% Locations</b>	699,942 (87.80%)	703,359 (88.23%)	
<b>80% Locations</b>	741,155 (92.97%)	742,572 (93.15%)	
<b>70% Locations</b>	752,115 (94.35%)	753,142 (94.48%)	

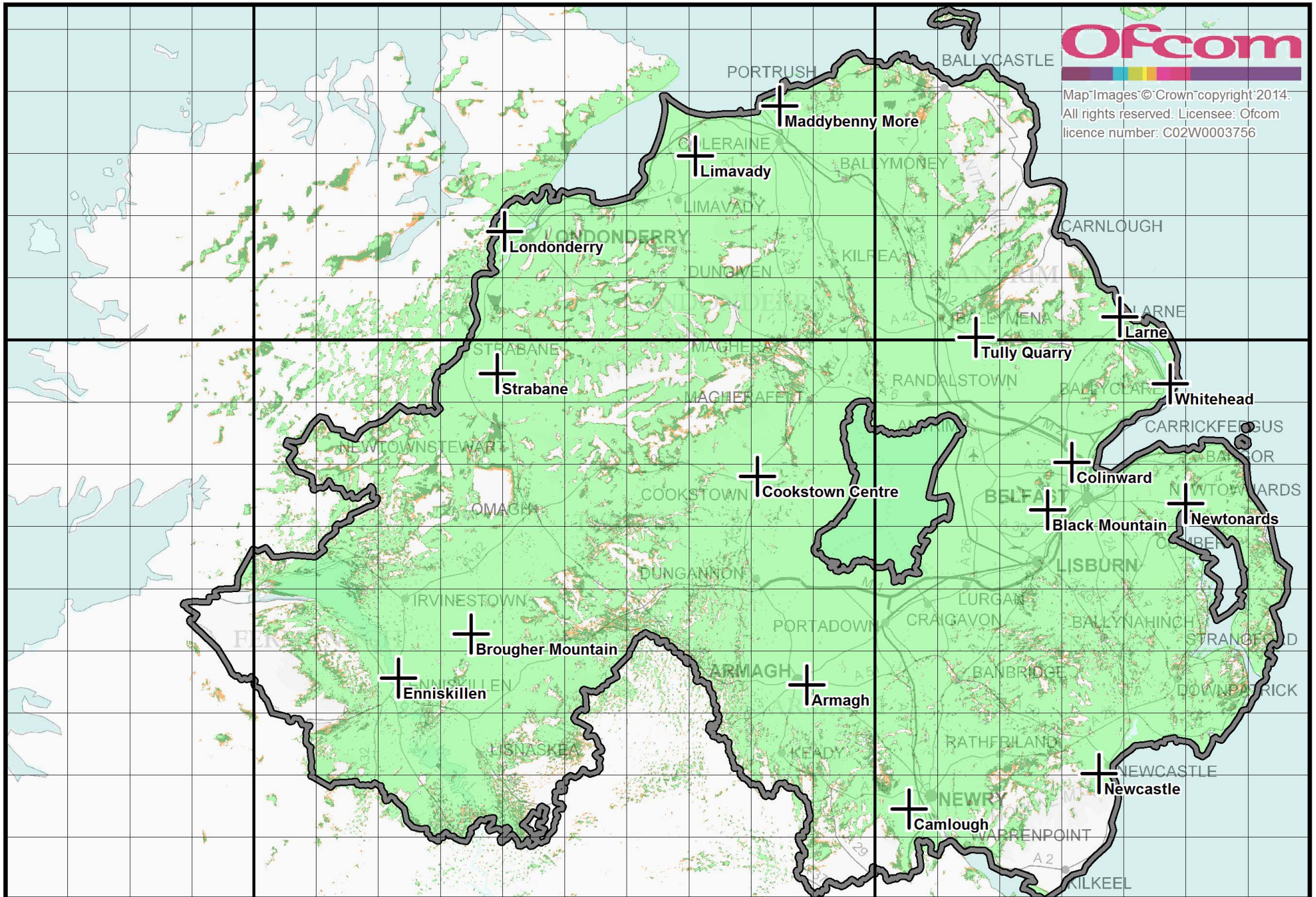
Table one, total Households within the Digital Licence Area: 797,166 Households

Outdoor Mobile Coverage	1% Time Propagation (km)	Normal Propagation (km)	Map Colour
<b>99% Locations</b>	<b>2,181.0 (91.49%)</b>	2,239.2 (93.93%)	
<b>95% Locations</b>	2,224.3 (93.30%)	2,265.8 (95.04%)	
<b>90% Locations</b>	2,245.4 (94.19%)	2,281.2 (95.69%)	
<b>70% Locations</b>	2,274.6 (95.41%)	2,303.9 (96.64%)	

Table two, total Motorway and 'A' road length within the Digital Licence Area: 2,384.0 kilometres

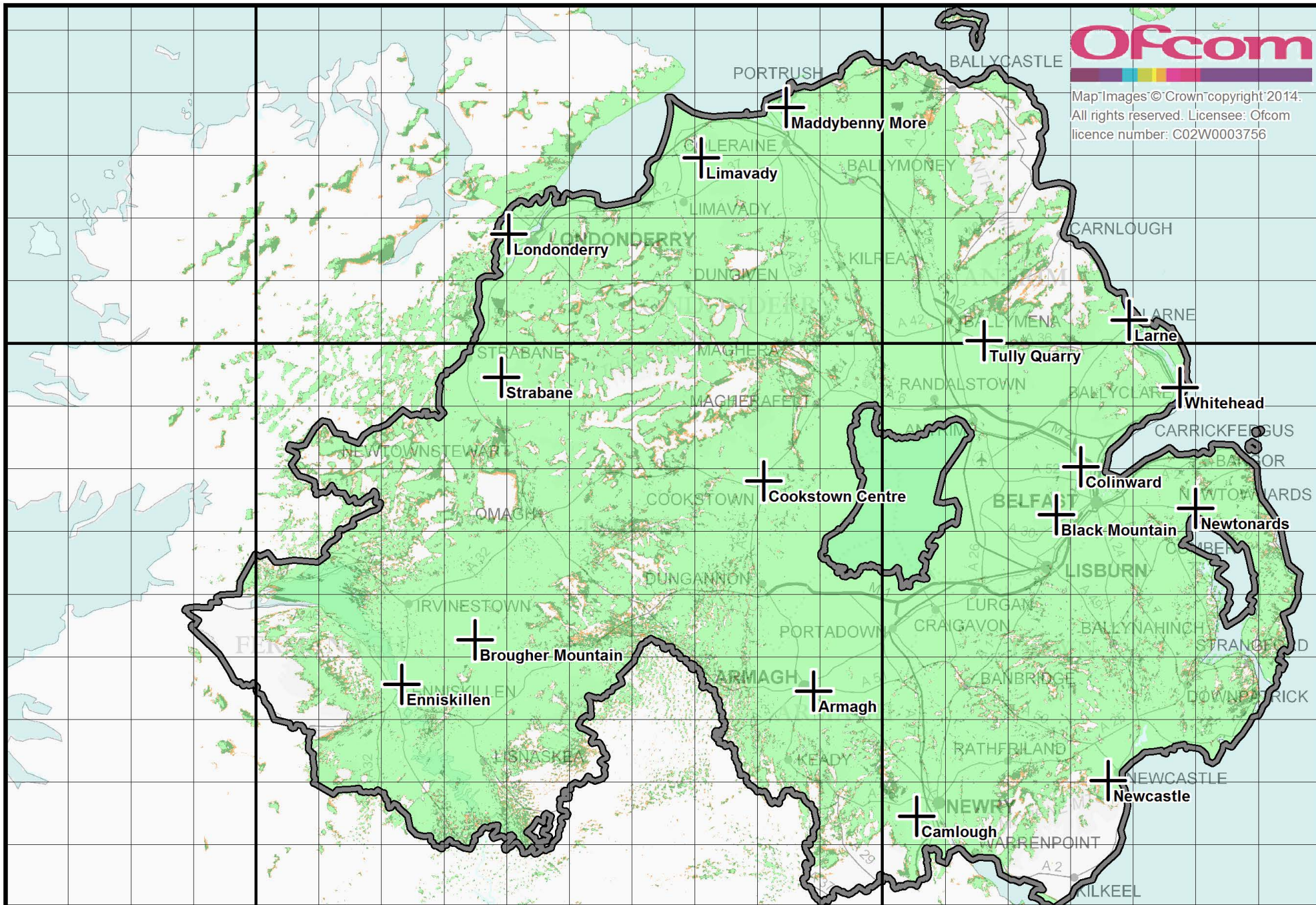
Site Name	NGR	Site height (m)	Aerial Height (m)	Power (kW)
Armagh	NV 991 039	114	46	5.0
Black Mountain	NW 401 286	301	208	3.8
Brougher Mountain	NV 458 166	309	40	5.0
Camlough	SB 138 826	340	40	3.0
Colinward	NW 468 384	335	35	0.5
Cookstown Centre	NV 940 380	78	13	0.3
Enniskillen	NV 336 106	61	26	0.5
Larne	NW 544 586	111	22	0.2
Limavady	NV 884 902	356	29	6.2
Londonderry	NV 568 808	175	122	6.3
Maddybenny More	NW 027 971	84	74	1.5
Newcastle	SB 448 857	251	42	2.0
Newtonards	NW 624 278	38	11	0.3
Strabane	NV 537 581	274	231	3.3
Tully Quarry	NW 310 573	208	17	0.6
Whitehead	NW 615 472	61	13	0.3

Table three, transmitters in use or proposed for the Northern Ireland local multiplex final coverage. In the above table future sites are highlighted in BLUE



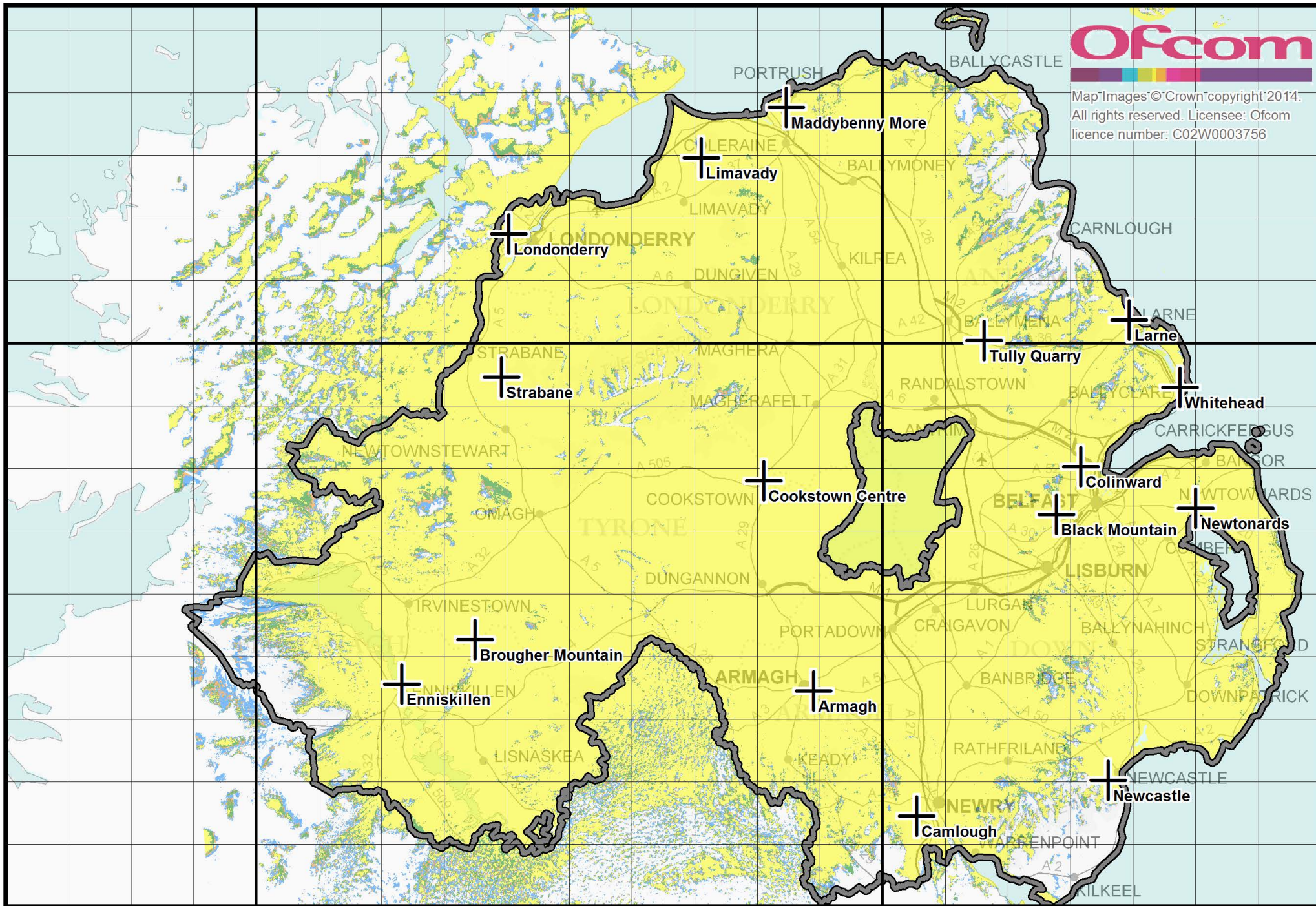
Northern Ireland local DAB multiplex service

Predicted indoor coverage enhanced propagation conditions, Final



Northern Ireland local DAB multiplex service

Predicted indoor coverage normal propagation conditions, Final

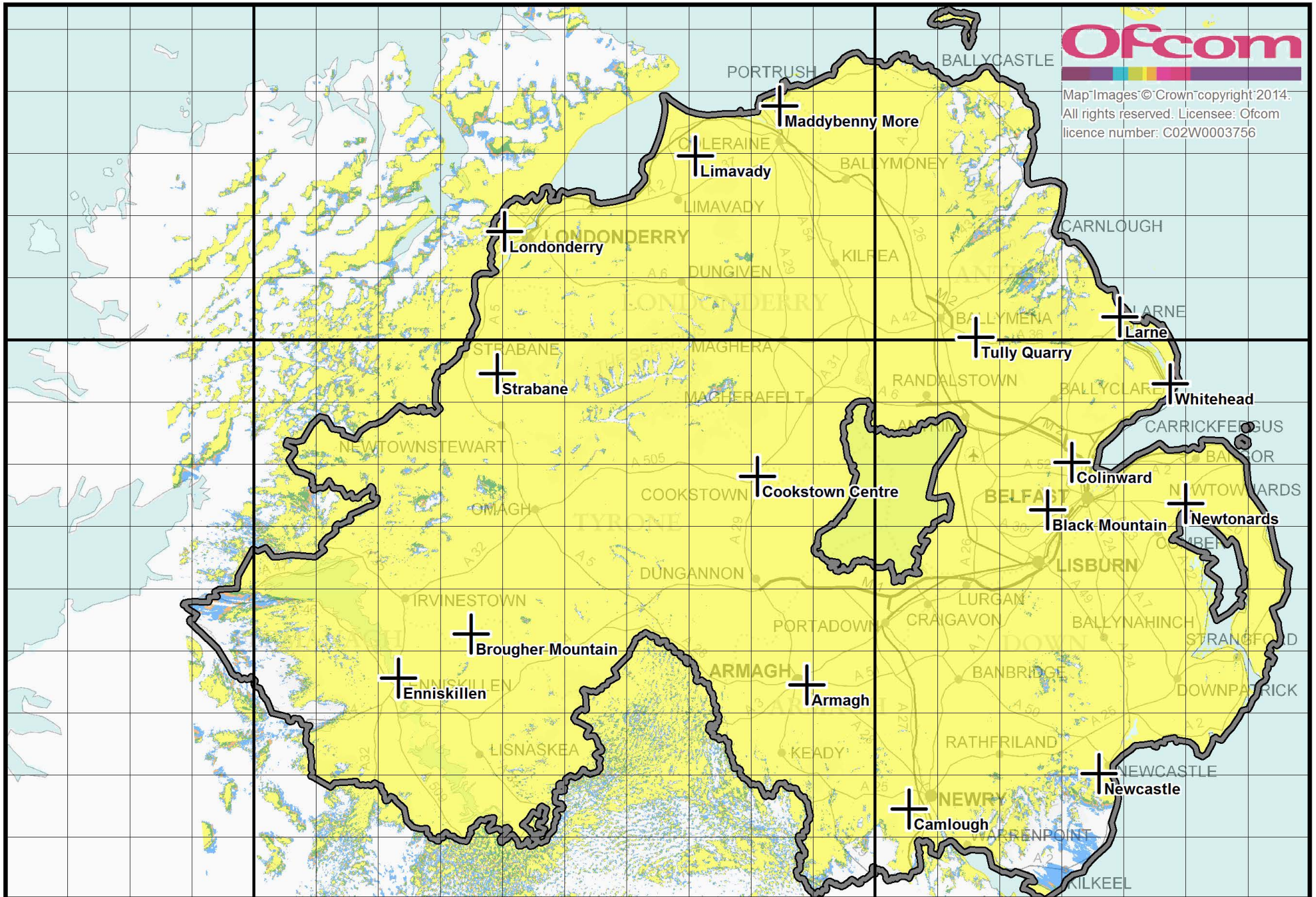


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Predicted mobile coverage enhanced propagation conditions, Final



Northern Ireland local DAB multiplex service

Predicted mobile coverage normal propagation conditions, Final