



DAB Coverage Plan: North West Wales Local Multiplex

Publication date: September 2020

North West Wales local DAB multiplex (Blocks 10D 12D) predicted final coverage

Indoor Coverage	1% Time Propagation (HH)	Normal Propagation (HH)	Map Colour
Proportional count: 80% to 95% Locations	142,288 (67.05%)	145,375 (68.51 %)	Not Applicable
95% Locations	131,202 (61.83 %)	137,028 (64.57 %)	
80% Locations	143,595 (67.67 %)	146,329 (68.96 %)	
70% Locations	146,721 (69.14 %)	148,730 (70.09 %)	

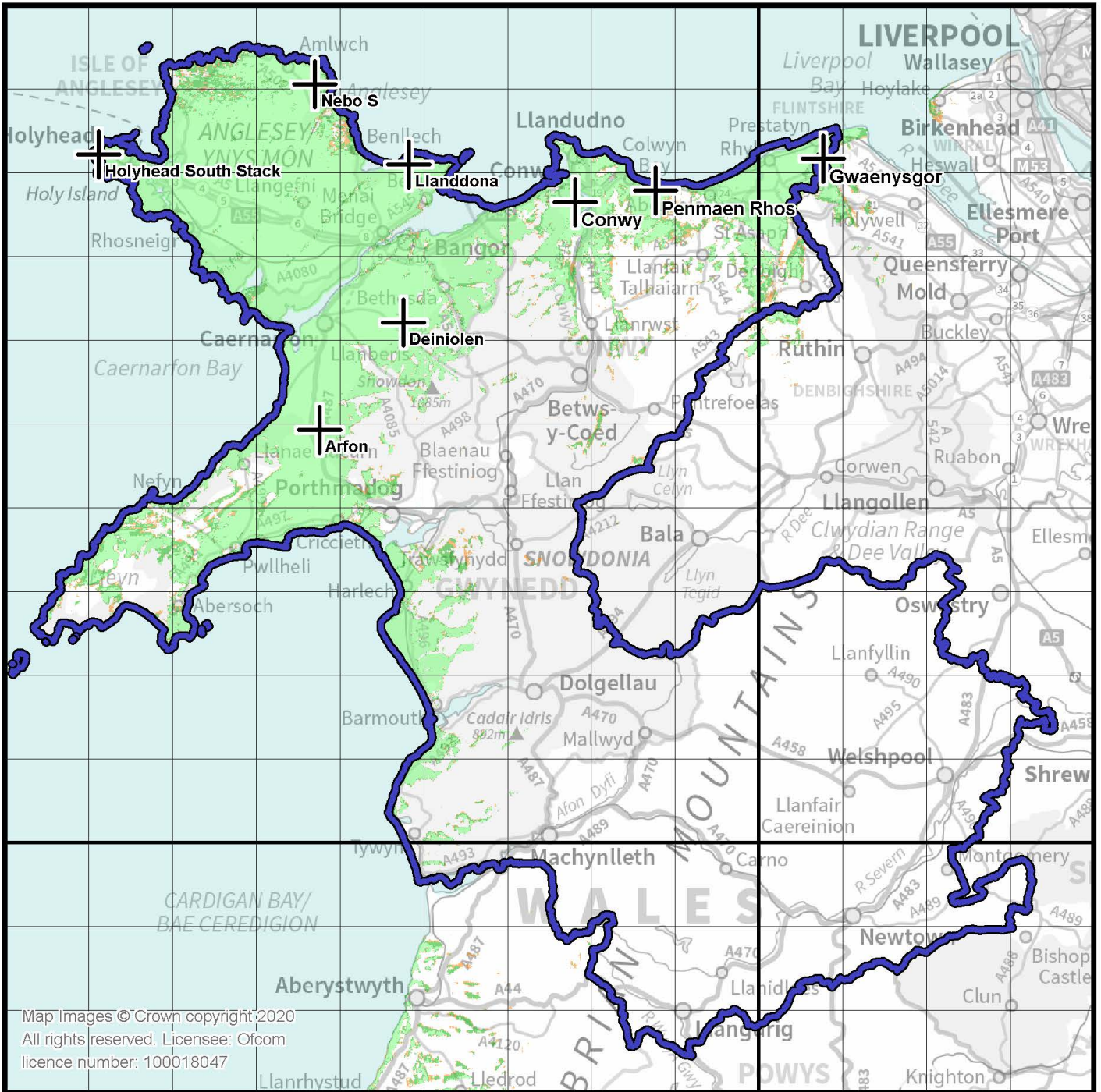
Total Households within the Digital Licence Area: 212,209 Households

Outdoor Mobile Coverage	1% Time Propagation (km)	Normal Propagation (km)	Map Colour
99% Locations	486.5 (40.98 %)	515.8 (43.44 %)	
95% Locations	510.0 (42.95 %)	535.4 (45.09 %)	
90% Locations	521.5 (43.92 %)	545.0 (45.09 %)	
70% Locations	548.2 (46.17 %)	568.1 (47.84 %)	

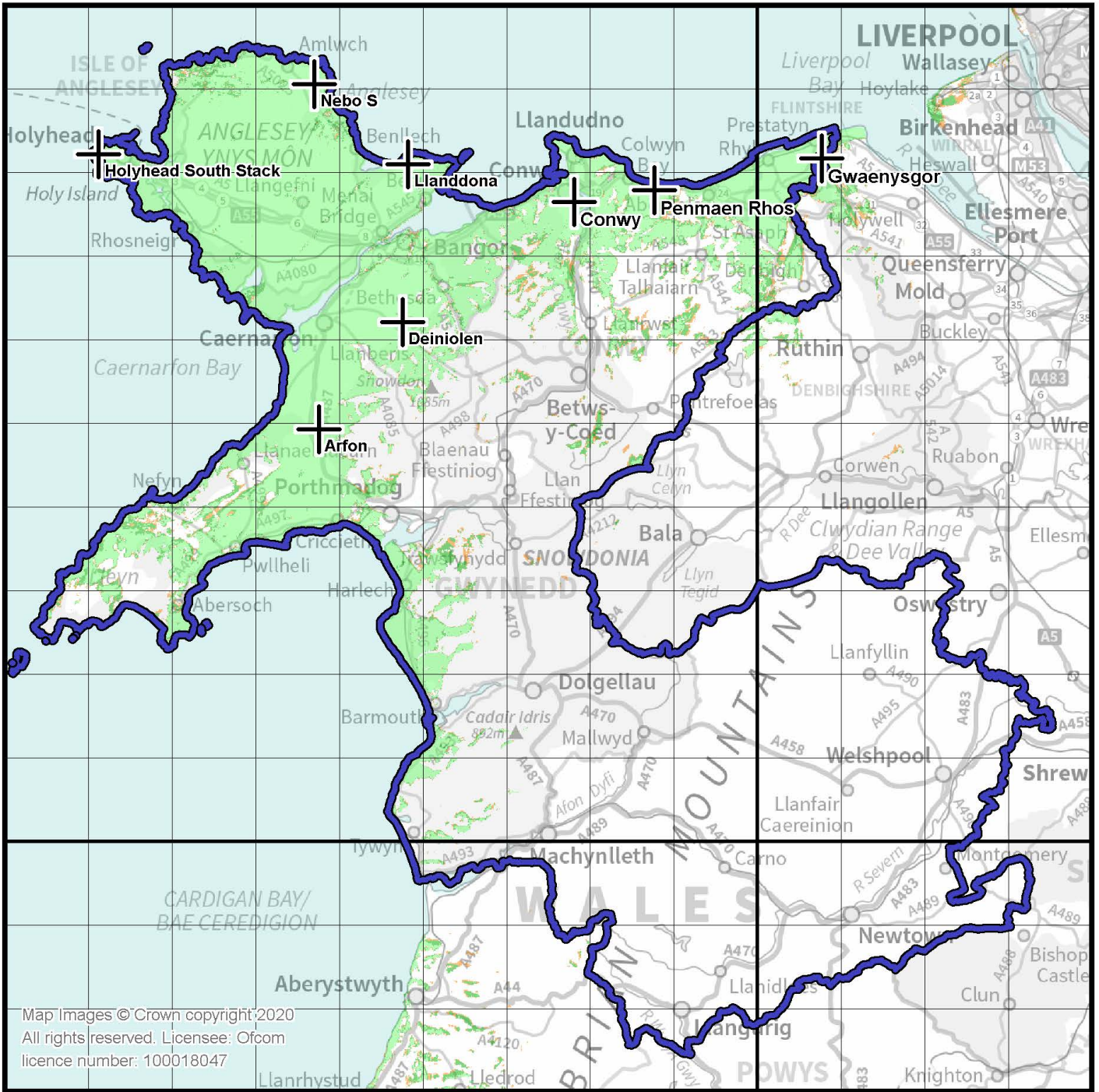
Total Motorway and 'A' road length within the Digital Licence Area: 1,187.4 kilometres

Site Name	NGR	Site height (m)	Aerial Height (m)	Power (kW)
Amlwch Nebo	SH 470 906	160	33	0.6
Arfon	SH 476 493	300	240	5.0
Conway	SH 781 765	114	42	0.5
Deiniolen	SH 576 621	322	40	0.3
Holyhead -South Stack	SH 213 822	135	25	1.0
Gwaenysgor	SJ 077 817	226	44	0.65
Llanddona	SH 582 810	146	91	3.6
Penmaen Rhos	SH 877 779	125	32	0.6

Transmitters in use for the North West Wales local DAB multiplex. In the above table future sites are highlighted in BLUE



North West Wales local DAB multiplex service
Predicted indoor coverage enhanced propagation conditions, Final



North West Wales local DAB multiplex service
Predicted indoor coverage normal propagation conditions, Final

