

## Appendix C

### Assumptions regarding Current Service Availability (Table 1.1)

It should be noted that there are, on average, multiple lines per premise in the region. If we take the Aberdeenshire travel to work area:

- There are 48224 premises in the area (line 1)
- There are 52863 lines on these premises (line 2) ie 1.09 lines per premise
- There are 35155 NGA enabled lines (line 4) which equates to 66.5% of all lines.....therefore 33.5% of all lines are NOT NGA enabled
- If we apply this line % to the premise data we have  $48224 \text{ premises} \times 33.5\% = 16154$  white premises

However in addition there are also premises that are NGA enabled but are not receiving 30Mbps.

- In Aberdeenshire this is 66.5% (NGA enabled) - 58.73% (>30Mbps) = 7.775% of all lines
- 7.775% of Aberdeenshire premises =  $48224 \times 7.775\% = 3749$

Thus the estimated total number of white premises in Aberdeenshire = 16154 (receiving no NGA) + 3749 (NGA enabled but not getting 30Mbps) = 19903 (Line 6)

Note - The number of white lines has not been presented as this is not a standard term but in fact it would be the total number of lines (52863) - NGA enabled lines (35155) = 17708.

Of the 35155 NGA enabled lines 31045 are delivering >30Mbps and 4110 are delivering <30Mbps