## **Amendments/Additional Information**

Amended layout of buildings/outside areas
Additional background information
Amended design
Revised access arrangements
Change of description of proposed development
Change in site boundaries
Other (as specified below)

2014/0828

23 JAN 2015

## ICNIRP COMPLIANCE NOTICE

## PREDICTED FIELD STRENGTHS FOR NEW AIRWAVE INSTALLATION NYMNEA

The following calculations have been completed for the proposed site at: -

Name:

EGTON (Kirkdale)

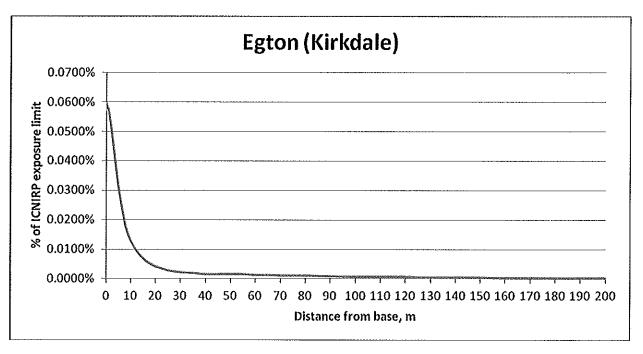
Address:

KIRKDALE BARN, EGTON, WHITBY, YO21 1UT

NGR:

E 480851, N 506021

The transmit functions of this site comprises of three antennas mounted at various heights up to 9m attached to a pole mounted on the gable end of a barn. With all the antennas pointing in the same direction (worst case) calculated with minimum 0dB insertion loss at 1.5m above the ground, gives the following power flux densities.



It can be seen that the maximum signal strength has a predicted level of 0.0600% of the ICNIRP guideline for public exposure of 10W/m² for frequency's greater than 2GHZ. Field strengths using differing antenna bearings will be lower.

This demonstrates that the installation shall conform to the ICNIRP public exposure guidelines and conforms to the precautionary approach recommended by the independent expert group on mobile phones (Stewart). Meeting the requirements laid down in Planning Policy Guide 8

Signed	Neil Holcombe	*** ***
-	ehalf of Airwave Solution	
Date	15/01/2015	*******************