

7 Acoustic Test Results including Noise label

This is a summary of the evaluation of the wind turbine noise over a range of wind speeds and directions for the CF12 which is not considered to be representative of the CF11. Characterizations of the turbines apparent sound power level, 1/3 octave bands, and tonality are made.

The resulting acoustic performance for normal operation in accordance with the BWEA standard is as follows:

Wind speed dependence	0.45 dB/m/s
Immission Sound Pressure Level at 60m $L_{p,60m}$	44.04 dBA
Immission Sound Pressure Level at 25m $L_{p,25m}$	51.54 dBA

Figure 4: Noise Immission Map

