



Axxcelera Broadband Wireless UK Ltd
Block 5
Westbrook Centre
Milton Road
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RF Exposure

To demonstrate compliance with MPE requirements the following calculation has been carried out to estimate the minimum separation distance between an antenna and persons required to satisfy power density limits (defined for free space).

$$S = \text{EIRP} / 4\pi R^2$$

Where $S = 1.0 \text{ mW/cm}^2$

$\text{EIRP} = 35.9 \text{ dBm (3890mW)}$ - worst case of both units

$R = \text{Distance}$

Minimum Distance = 17.599 CM

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