EME at work

Multi-level Office Building

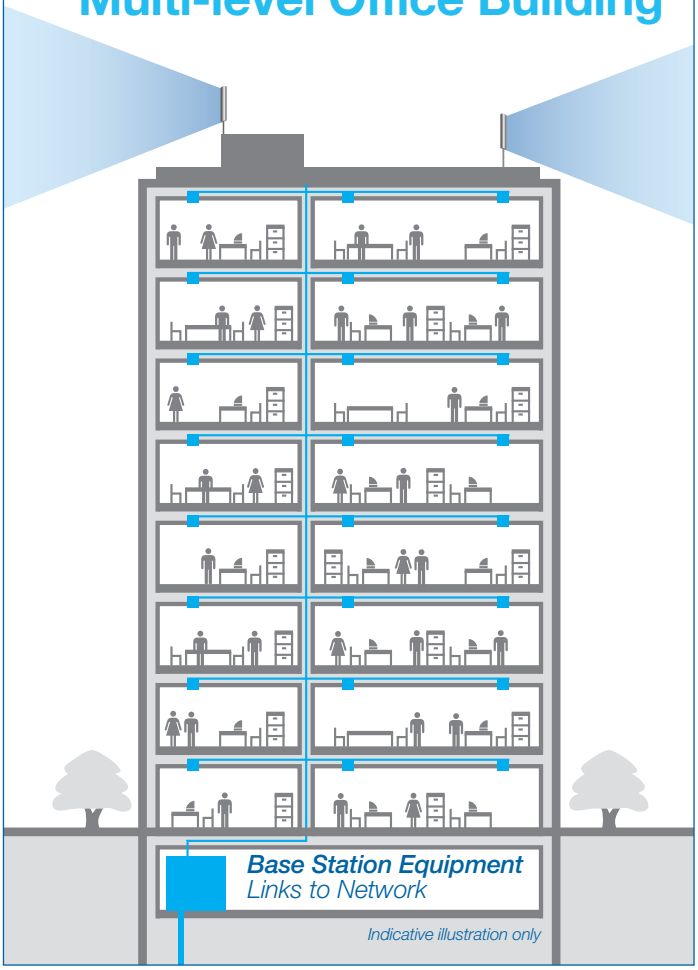

Diagram Key

- ***Panel Antenna*** *Side on view horizontal beams*
- ***Cables*** *Run through risers inside the building*
- ***Small Antenna*** *on/in ceiling (size of a smoke detector)*

Working inside the building

- Antennas on rooftops direct their power outward.
- ARPANSA confirms that "..the levels of RF inside or to the sides of the building are normally very low".
- Levels of EME in the top floor of a building with antennas mounted on the roof are significantly lower than on the roof itself, and are well within the mandatory exposure limits.

Working on the roof

- Levels of EME vary according to the distance from the antenna, so access to antennas on rooftops may be restricted as a safety measure.
- Access to rooftops should be co-ordinated with the building owner/manager.
- Rooftop safety is managed through site design, signage, site specific EME information and specialist training for RF workers.

For building owners/managers

- Site specific EME information is provided to the building owner.
- Information includes details of compliance with EME regulations, restricted areas, Carriers' contact details, equipment details and the RF Assessor's details.
- Building owners/managers should ensure that anyone accessing the roof is briefed on these details.

More information

Mobile Carriers Forum
www.mcf.amta.org.au

ARPANSA
www.arpansa.gov.au

EMF Explained
www.emfexplained.info