

# Environmental EME Report for Small Cells

|                  |   |
|------------------|---|
| <b>Location</b>  | <object & pole number> - <place>, <street>, <suburb> <state> <postcode> (see photo) |
| <b>Date</b>      | <number> <month> <20xx>   |
| <b>RFNSA No.</b> | <number>  |

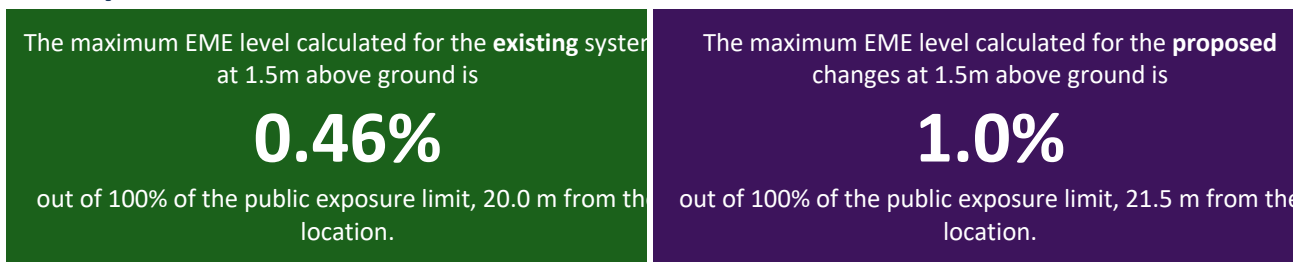


## How does this report work?

This report provides a summary of levels of radiofrequency (RF) electromagnetic energy (EME) around the small cell base station at <pole number> <place>, <street>, <suburb> <state> <postcode>. These levels have been calculated by <the carrier> using methodology developed by the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA). A document describing how to interpret this report is available at ARPANSA's website:

[A Guide to the Environmental Report.](#)

## A snapshot of calculated EME at street level



## Radio systems at the site

Existing transmitting equipment is listed under the existing configuration. Proposed includes the final configuration after modifications are complete.

| Carrier    | Existing |                   | Proposed |                           |
|------------|----------|-------------------|----------|---------------------------|
|            | Systems  | Configuration     | Systems  | Configuration             |
| e.g. Optus | 2G, 3G   | WCDMA850, LTE1800 | 4G       | WCDMA850, LTE1800, LTE700 |

## Calculated EME levels at other areas of interest

This table contains calculations of the maximum EME levels at selected areas of interest, identified with regard to the consultation requirements of the [Communications Alliance Ltd Deployment Code C564:2018](#) or other means. Calculations are performed over the indicated height range and include the proposed radio systems for this site.

## Maximum cumulative EME level for the proposed configuration

| Location           | Height range | Percentage of the public exposure limit |
|--------------------|--------------|---|
| ABC Primary School | 0–6 m        | 0.29%                                   |
| 123 Sports Centre  | 0–6 m        | 0.23%                                   |