

NOKIA Wireless Router

Co-location MPE distance Guide

This document is intended for installations where multiple Wireless Routers are co-located or where another wireless system is co-located with one or more Wireless Routers. This document shall be given to the customer/building owner at the time of installation.

In these cases, the installer is required to inform the customer of the proper Maximum Permitted Exposure (MPE) distance, which is to be indicated in the table below.

In order to comply with FCC MPE guidelines, an appropriate distance, as indicated in the table below, should be kept from the installation's antennas.

For easy reference, when antennas or devices of dissimilar type are installed, the advised MPE distance should be read in the table from the row of the antenna, which has the highest MPE requirement.

Installation	MPE distance (cm) for number of co-located antennas					
	1	2	3	4	5	6
8 dBi or less omni	15	20	25	30	35	35
8 dBi panel						
10 dBi omni						
10 dBi sector						
12 dBi sector	20	30	35	40	40	45
8 dBi omni with amplifier						
15 dBi panel	30	45	55	65	75	80
17 dBi panel	35	60	70	80	90	100
Other installation*						

Table: MPE distances for Co-located Wireless Routers

Guidelines for co-located systems, which include the above table and provide additional information on calculating the MPE are given in Appendix D of the Installation Manual.

*To be indicated by installer.