



A B S T R A C T

A leaky coaxial cable 12 is arranged to meander on
a ceiling of an indoor space 11 where a wireless LAN
is to be worked. One end of the leaky coaxial cable is
5 connected to a wireless base station unit 13 and the
other end thereof is connected to a terminator 14.
The wireless base station unit 13 makes wireless
communication with a wireless terminal unit 17 through
the leaky coaxial cable 12 by modulation and
10 demodulation in orthogonal frequency division multiplex
modulation (OFDM).

