

Antenna declaration for Bluetooth and P2 interfaces at 2.4 GHz

Date: 01/12/2022

Federal Communications Commission

Equipment Authorization Branch

7435 Oakland Mills Rd.

Columbia MD 21046

FCC ID: WTO-CP1110

To whom it may concern:

We,

Cochlear Limited

1 University Avenue

Macquarie University NSW 2109

Australia

hereby declare that the antenna we use in our device for 2.4 GHz communications is a monolithic component from Yageo, model ANT3216LLOOR2400A.

This component has a peak gain of 5.05 dBi but when in the CP1110, the device under approval, simulations have shown an actual gain of 2.4 dBi at the used frequency range.

The supporting document attached from us shows the results of this simulation and the justification for this.

Sincerely,

By: Steven Kennedy
Title: Vice President Global Regulatory Affairs
Telephone: +61294286555
email: skennedy@cochlear.com


P.A.