

#### ConCPlus1 Antenna Report

ANTONIO PERRI 30 JUNE 2022 Updated by Tatjana Asenov, November 29 2022

**Antenna Report for Regulatory Submission** 

#### Content

- Antenna gain and radiating measurement details
- Measurement description
- Measurement setup
- 3D radiation plots

#### Antenna Gain ConCPlus1



- Printed dipole antenna
- Operating frequency band: 2402-2480 MHz
- Maximum Antenna gain : -5dBi
- Both left and right earbud antenna have the same gain.

## Antenna gain and radiating measurement details

## Details of the used equipment and software







1. 2. 3.

1.Rohde & Schwarz FSW26 Signal & Spectrum Analyzer	Calibration date: 25.08.2021
2.Rohde & Schwarz ®CMW270 wireless connectivity	Calibration date: 07.11.2018
tester	
3.MVG Satimo Anechoic chamber	Calibration date: 11.08.2021
4.Software	Wave Studio V2.1.7

### Measurements description

**Conducted Measurements** 

Conducted measurements were done using R&S FSW26 Signal &Spectrum analyzer and the conducted power of the earbuds was obtained.

Radiation Pattern Antenna

Radiation measurements were in the MVG Satimo anechoic chamber using R&S CMW270 Wireless Connectivity tester and Wave Studio software. Radiation patterns, TRP and EIRP were obtained.

Antenna Gain Calculation

The antenna gain was calculated as a differnece between the measured EIRP and conducted power.

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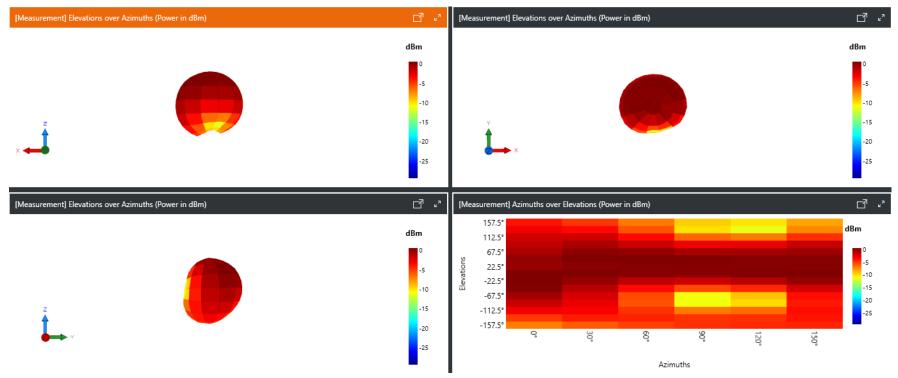
## **Measurement setup**

Name of Test Personnel	Antonio Perri
Date of Tests	June 2022

**3D Radiation Pattern** ConCPlus1-L <sup>2</sup> Left Earbud







# **3D Radiation Pattern** ConCPlus1-R Right Earbud





