

## **OPEN ACCESS**

APPROVED BY

Frontiers Editorial Office, Frontiers Media SA, Switzerland

\*CORRESPONDENCE

Ayman A. Althuwayb,

i aalthuweb@ju.edu.sa
Yung-Cheol Byun,
iyob@jeju.ac.kr
Dag Øivind Madsen,
id dag.oivind.madsen@usn.no

RECEIVED 29 January 2024 ACCEPTED 30 January 2024 PUBLISHED 08 February 2024

## CITATION

Althuwayb AA, Rashid N, Elhamrawy OI, Kaaniche K, Khan I, Byun Y-C and Madsen DØ (2024), Corrigendum: Design and performance evaluation of a novel metamaterial broadband THz filter for 6G applications.

Front. Mater. 11:1378422.

doi: 10.3389/fmats.2024.1378422

# COPYRIGHT

© 2024 Althuwayb, Rashid, Elhamrawy, Kaaniche, Khan, Byun and Madsen. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

# Corrigendum: Design and performance evaluation of a novel metamaterial broadband THz filter for 6G applications

Ayman A. Althuwayb<sup>1</sup>\*, Nasr Rashid<sup>1</sup>, Osama I. Elhamrawy<sup>1</sup>, Khaled Kaaniche<sup>1</sup>, Imran Khan<sup>2,3</sup>, Yung-Cheol Byun<sup>4</sup>\* and Dag Øivind Madsen<sup>5</sup>\*

<sup>1</sup>Department of Electrical Engineering, College of Engineering, Jouf University, Sakaka, Kingdom of Saudi Arabia, <sup>2</sup>Department of Electrical Engineering, University of Engineering and Technology Peshawar, Peshswar, Pakistan, <sup>3</sup>Islamic University Centre for Scientific Research, The Islamic University, Najaf, Iraq, <sup>4</sup>Department of Computer Engineering, Jeju National University, Jeju City, Republic of Korea, <sup>5</sup>University of South-Eastern Norway, Kongsberg, Norway

## KEYWORDS

terahertz, metamaterial, electromagnetic spectrum, broadband filter, 60 communication, guided-mode resonance, band pass filter, surface plasmon

# A Corrigendum on

Design and performance evaluation of a novel metamaterial broadband THz filter for 6G applications

by Althuwayb AA, Rashid N, Elhamrawy OI, Kaaniche K, Khan I, Byun Y-C and Madsen DØ (2023). Front. Mater. 10:1245685. doi: 10.3389/fmats.2023.1245685

In the published article, there was an error in the **Funding** statement. The statement incorrectly included the following: "This work was funded by the Deanship of Scientific Research at Jouf University under Grant Number (DSR2022-RG-0110)." The correct **Funding** statement appears below.

"This research was financially supported by the Ministry of Small and Medium-sized Enterprises (SMEs) and Startups (MSS), Korea, under the "Regional Specialized Industry Development Plus Program (R&D, S3246057)" supervised by the Korea Technology and Information Promotion Agency for SMEs (TIPA). This work was also financially supported by the Ministry of Trade, Industry and ENERGY (MOTIE) through the fostering project of The Establishment Project of Industry- University Fusion District)."

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

# Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.