

# 5G mmWave use cases: When will mmWave unleash the full potential of 5G?

<https://marketpublishers.com/r/50782B99DBD4EN.html>

Date: December 2022

Pages: 41

Price: US\$ 4,950.00 (Single User License)

ID: 50782B99DBD4EN

## Abstracts

This report provides an update on mmWaves, the new frequencies available for 5G. It details their availability, assignments and reminds of their key characteristics. It also stress opportunities and challenges opened up and faced with 5G.

It reviews eight use cases at different stages of deployment using mmWaves.

What is the state of the art of mmWave spectrum assignment, commercial service deployment?

What are the key challenges and opportunities for mmWave?

What are the key 5G use cases and applications for mmWave?

When and how will 5G fully benefit from mmWaves and deliver multi-Gbps?

## Contents

### 1. EXECUTIVE SUMMARY

### 2. KEY FINDINGS

### 3. NEW FREQUENCIES FOR TRUE 5G

3.1. MmWave deployment context

3.2. Allocation of mmWave frequencies for 5G

### 4. OVERVIEW OF 5G MMWAVE APPLICATIONS AND SERVICES

4.1. Use case synthesis

4.2. Cas d'usage 5G millimétriques

4.2.1. Use case 1: eMBB FWA n°32

4.2.2. Use case 2: “Hotzone” consumer: immersive UHD streaming video at 2022 Beijing Olympic Games

4.2.3. Use case 3: “Private networks”: Taiwan live theater

4.2.4. Use case 4: “Hotzone” consumer/offices/ industrial and business applications: Paris/Rennes stations, France

4.2.5. Use case 5: “Hotzone” consumer/offices with 5G-PICTURE, Barcelona, Spain

4.2.6. Use case 6: “Hotzone” consumer & offices in the subway downtown Seoul

4.2.7. Use case 7: Robots in agriculture using 5G FWA and fiber

4.2.8. Use case 8: “Hotzone” consumer & offices, financial district of Paris, 26 GHz trials and neutral-host approach

### ACRONYMS OR ABBREVIATIONS' LIST

## I would like to order

Product name: 5G mmWave use cases: When will mmWave unleash the full potential of 5G?

Product link: <https://marketpublishers.com/r/50782B99DBD4EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/50782B99DBD4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970