



September 02, 2024

National Stock Exchange of India Limited

Exchange Plaza, C-1 Block G
Bandra Kurla Complex, Bandra (E)
Mumbai – 400051, India

Symbol: BHARTIARTL/ AIRTELPP

BSE Limited

Phiroze Jeejeebhoy Towers
Dalal Street, Mumbai – 400001, India

Scrip Code: 532454/ 890157

Sub: Press Release

Dear Sir/ Ma'am,

We are enclosing herewith a press release dated September 02, 2024 titled '*Airtel, Nokia and MediaTek successfully complete trials combining the efficient use of TDD and FDD bands for Uplink on the latest generation chipset*' being issued by the Company.

Kindly take the same on record.

Thanking you,
Sincerely yours,

For Bharti Airtel Limited

Rohit Krishan Puri
Joint Company Secretary & Compliance Officer

Bharti Airtel Limited
(a Bharti Enterprise)

Regd. Office: Airtel Center, Plot No. 16, Udyog Vihar, Phase-IV, Gurugram – 122015, India
Corporate Office: Bharti Crescent, 1, Nelson Mandela Road, Vasant Kunj, Phase II, New Delhi - 110 070, India
T.: +91-124-4222222, F.: +91-124-4248063, Email id: compliance.officer@bharti.in, www.airtel.in
CIN: L74899HR1995PLC095967



Airtel, Nokia and MediaTek successfully complete trials combining the efficient use of TDD and FDD bands for Uplink on the latest generation chipset

- Achieve highest uplink speed on 5G network with Advanced Uplink Functionality

New Delhi, September 02, 2024: Airtel, MediaTek and Nokia today announced the successful completion of trials that efficiently combine TDD and FDD mid-band spectrum on a time basis utilising the latest generation chipset. The trial aimed at maximising the uplink performance was conducted at Airtel's tech lab and achieved uplink speeds of 300 Mbps, setting a new benchmark in 5G network performance. It underscores Airtel's commitment to providing innovative solutions that meet the ever-growing demands of a connected world.

The trial enhanced UL speeds by aggregating frequency bands of 3.5 Ghz (n78) and 2.1 Ghz (n1), a groundbreaking innovation that significantly improves the uplink performance for demanding use cases by dynamically switching the uplink transmission across two carriers in TDD and FDD spectrum more efficiently. The innovative UL Tx switching promises faster connectivity, enhanced user experience, and improved network efficiency, catering to high-demand use cases such as video conferencing, live streaming and large file uploads.

Randeep Sekhon, Chief Technology Officer, Bharti Airtel said, "At Airtel, continuous innovation remains the bedrock of all our product and service offerings. This trial not only stands testament to our philosophy of enhancing our state-of-the-art network infrastructure and delivering an unmatched 5G user experience but will also greatly enhance our network's uplink performance, resulting in faster data speeds and improved connectivity".

Dr. Ho-Chi Hwang, General Manager of Wireless Communication Systems and Partnerships at MediaTek, said: "We are thrilled to collaborate with Bharti Airtel and Nokia on this groundbreaking trial in India where our Dimensity 5G mobile platform played a crucial role in achieving the highest uplink speeds on Airtel's 5G network. This partnership underscores our commitment to delivering cutting-edge technology that enhances the connectivity experience for users"

Tarun Chhabra, Country Manager and Head of Mobile Networks Business at Nokia, India, said: "We are proud to partner with our long-term partner Airtel on this ground-breaking project. Uplink Tx switching will pave the way for superior 5G networks, enabling seamless data transfer in mobile devices and driving demand for data-intensive applications like XR. We congratulate Bharti Airtel for achieving this milestone and pushing the boundaries of connectivity to new realms."

For this advanced trial, Airtel used equipment from Nokia's next-generation 5G AirScale radio portfolio while MediaTek provided its Dimensity 5G mobile platform as the user equipment.

About Bharti Airtel Limited

Headquartered in India, Airtel is a global communications solutions provider with over 550 million customers in 17 countries across South Asia and Africa. The Company ranks amongst the top three mobile operators globally and its networks cover over two billion people. Airtel is India's largest integrated communications solutions provider and the second largest mobile operator in Africa. Airtel's retail portfolio includes high speed 4G/5G mobile broadband, Airtel Xstream Fiber that promises speeds up to 1 Gbps with convergence across linear and on-demand entertainment, streaming services spanning music and video, digital payments and financial services. For enterprise customers, Airtel offers a gamut of solutions that includes secure connectivity, cloud and data centre services, cyber security, IoT, Ad Tech and cloud based communication. For more details visit www.airtel.in

About Nokia

At Nokia, we create technology that helps the world act together.

As a B2B technology innovation leader, we are pioneering networks that sense, think and act by leveraging our work across mobile, fixed and cloud networks. In addition, we create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

Service providers, enterprises and partners worldwide trust Nokia to deliver secure, reliable and sustainable networks today – and work with us to create the digital services and applications of the future.

About MediaTek Inc.

MediaTek Incorporated (TWSE: 2454) is a global fabless semiconductor company that enables nearly 2 billion connected devices a year. We are a market leader in developing innovative systems-on-chip (SoC) for mobile, home entertainment, connectivity and IoT products. Our dedication to innovation has positioned us as a driving market force in several key technology areas, including highly power-efficient mobile technologies, automotive solutions and a broad range of advanced multimedia products such as smartphones, tablets, digital televisions, 5G, Voice Assistant Devices (VAD) and wearables. MediaTek empowers and inspires people to expand their horizons and achieve their goals through smart technology, more easily and efficiently than ever before. We work with the brands you love to make great technology accessible to everyone, and it drives everything we do. Visit www.mediatek.com for more information.