



November 25, 2021

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 November 25, 2021 titled '*Airtel conducts India's First 5G trial in the 700 MHz band in partnership with Nokia*' being issued by Bharti Airtel Limited.

Kindly take the same on record.

Thanking you,
Sincerely Yours,

For Bharti Airtel Limited



Rohit Krishan Puri
Dy. Company Secretary & Compliance Officer

Bharti Airtel Limited
(a Bharti Enterprise)

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Airtel conducts India's First 5G trial in the 700 MHz band in partnership with Nokia

- The demo conducted using 5G Standalone (SA) mode, achieves the highest broadband coverage of 40 Km between two 5G test sites
- The trial, conducted on the outskirts of Kolkata, underscores 5G's potential to take mobile broadband coverage to even the remotest corners of India

New Delhi, 25 November, 2021: Bharti Airtel ("Airtel"), India's premier communications solutions provider, today said that it has successfully conducted India's first 5G trial in the 700 MHz band in partnership with Nokia. Airtel has been allotted test spectrum in multiple bands by the government's Department of Telecommunications for the validation of 5G technology and use cases.

The demonstration, which was conducted on the outskirts of Kolkata, was also the first 5G trial in Eastern India.

Leveraging the enhanced propagation characteristics of the 700 MHz band, Airtel and Nokia were able to achieve high speed wireless broadband network coverage of 40 Km between two 3GPP standard 5G sites in real life conditions. Airtel used equipment from Nokia's 5G portfolio, which included Nokia AirScale radios and standalone (SA) core.

Randeep Singh Sekhon, CTO – Bharti Airtel said: "Back in 2012, Airtel launched India's first 4G service in Kolkata. Today, we are delighted conduct India's first 5G demo in the coveted 700 MHz band in the city to showcase the power of this technology standard. We believe that with the right pricing of 5G spectrum in the upcoming auctions, India can unlock the digital dividend and build a truly connected society with broadband for all."

Naresh Asija, VP and Head of Bharti CT, Nokia, said: "5G deployment using 700Mhz spectrum is helping communications service providers across the world to cost-effectively provide mobile broadband in remote areas, where typically it is challenging for them to set up the network infrastructure. Nokia is at the forefront in the development of the global 5G ecosystem, and we look forward to supporting Airtel on its 5G journey."

Airtel is spearheading 5G in India. Earlier this year Airtel demonstrated India's first 5G experience over a live 4G network. It also demonstrated India's first rural 5G trial as well as the first cloud gaming experience on 5G. As part of #5GforBusiness, Airtel has joined forces with leading global consulting and technology companies and brands to test 5G based solutions.

About Airtel

Headquartered in India, Airtel is a global communications solutions provider with over 480 Mn 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/4.5G 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.com

About Nokia

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



As a trusted partner for critical networks, we are committed to innovation and technology leadership across mobile, fixed and cloud networks. We create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

Adhering to the highest standards of integrity and security, we help build the capabilities needed for a more productive, sustainable and inclusive world.

Nokia

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