



TPG Telecom sets new world record for 5G video and voice call

25 November 2021 – TPG Telecom has set a world record for a long-range video and voice call on a 5G network in a new demonstration that shows the reach and capability of the company’s recently switched-on 5G standalone core network.

Working in partnership with its network equipment vendor Nokia, the video and voice call successfully spanned 148km between two commercially available 5G handsets that connected to a single tower in Mt England, Queensland.

The tower was connected to TPG Telecom’s recently switched-on 5G standalone core network which is using spectrum in the 700MHz band to increase the reach and capability of its mobile services across more of Australia.

Spectrum is the invisible, electromagnetic waves that are used by mobile network operators to extend the reach, penetration, and speed of their services. Lower spectrum bands, like the 700MHz used by TPG Telecom in this record-setting demonstration, are superior at reaching across wide distances and providing deep indoor 5G coverage in urban and suburban areas.

In setting the world record, Nokia and TPG Telecom have shown it is possible to connect customers at a distance of 74km from the tower.

“This record-setting achievement has really pushed the boundaries of what was previously thought possible with 5G networks. For us at TPG Telecom, this is not just a world record, it is a real-life demonstration of how we are building a smarter network to connect customers across greater distances than ever before,” said TPG Telecom General Manager Wireless & Transmission Networks, Yago Lopez.

“This will lead to important leaps in capability for our network while also ensuring we can maximise the rollout and coverage of our 5G network to deliver the connectivity benefits of 5G technology to more Australian homes and businesses.”

The new record coincides with the recent switch-on of TPG Telecom’s 5G standalone core network which tripled the telco’s 5G coverage to over 85 per cent of the population in ten of Australia’s largest cities and regions.

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About TPG Telecom: TPG Telecom is an Australian telecommunications company which is home to some of Australia’s most-loved telecommunications brands including Vodafone, TPG, iiNet, AAPT, Internode, Lebara and felix. As the second largest telecommunications company listed on the ASX, TPG Telecom has a strong challenger spirit and a commitment to delivering the best services and products to its customers. www.tpgtelecom.com.au

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