

Mobile & Wireless Roundup #15 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 15th edition of this newsletter. This coming week (Monday being the first day of the [week](#)), I am looking forward to [Fyuz](#) in Madrid. I have an jam-packed schedule during the three days but please do say hello if you see me around. The week after I am hoping to be at [CWIC 2022](#) wherein we will discuss 'The Hyperconnected Human'. Quite possibly the next edition of this newsletter may not be released for a while.

For those of you who don't know me, I am a technologist with over 23 years' experience in mobile wireless technology, currently working as an independent analyst, consultant and a trainer. This newsletter is a summary of my posts and others news that caught my attention since the last newsletter.

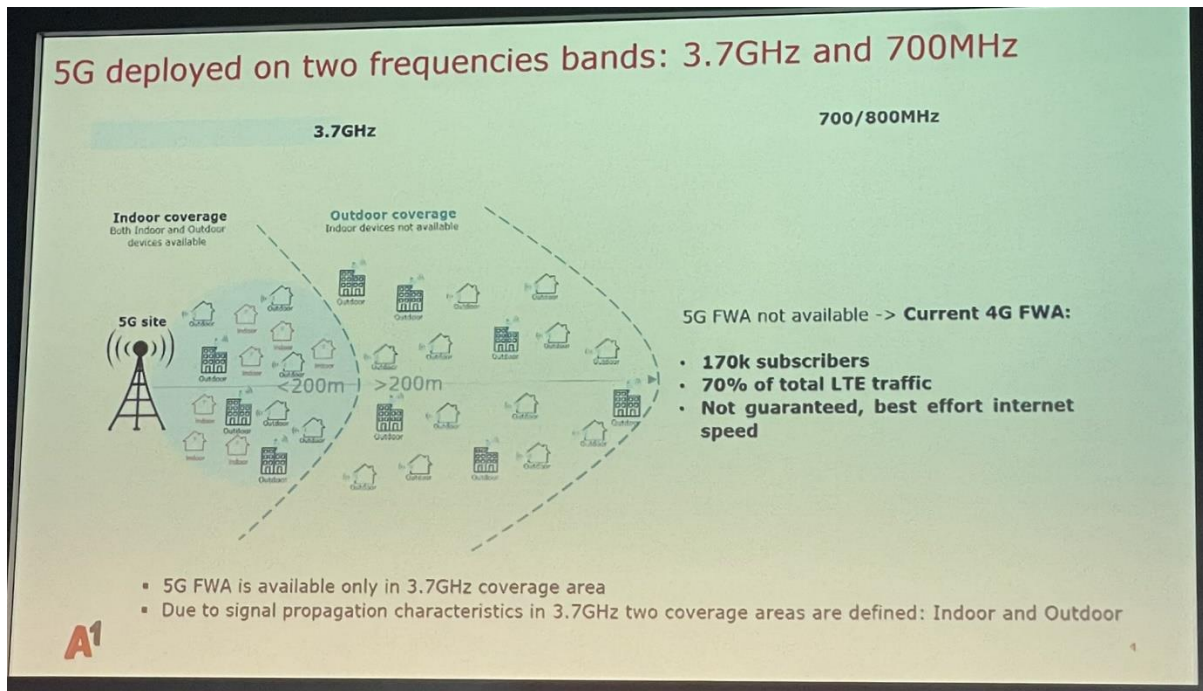


🕒 6G

- Will Metaverse play a big role in B5G/6G? ([link](#))
- Free 6G Training: Research Paper on 'Evolution of Non-Terrestrial Networks From 5G to 6G' ([link](#))

🕒 5G

- The 3G4G Blog: EPS Fallback Mechanism in 5G Standalone Networks ([link](#))
- MWL: AT&T taps regional SA 5G cores for edge networks ([link](#))
- 5G Standalone NPN (S-NPN) for Professional Media Production ([link](#))
- Linux Foundation: Implications of the Magma Architecture Interoperability, scale and resilience ([link](#)) – Twitter thread explaining how Magma differs from other open source projects [here](#).
- Dean Buble on Twitter: "Interesting on 5G FWA from A1 Croatia - can only do indoor CPE for 3.7GHz at max 300m from base station." ([Tweet](#) thread with photo)



◎ 4G/LTE

- World's largest offshore wind farm gets Vodafone 4G ([link](#))

◎ 2G/3G

- 2g-gsm on Twitter: "High Speed Circuit Switched Data increased rates from 9.6kbps to a maximum of 14.4kbps per TDMA timeslot. Some networks launched 4 slot service but 2 slot was most common, offering a maximum data rate of 28.8kbps, massively impressive at the time!" ([Tweet](#) with photo)



◎ Open RAN

- Fierce Wireless: Will private 5G rescue the fragmented RIC market? ([link](#))
- Turkcell deploys Telecom Infra Project (TIP) Distributed Disaggregated Backbone Router (DDBR) Internet Gateway solution, a world's first in TIP ([link](#))

🕒 Spectrum

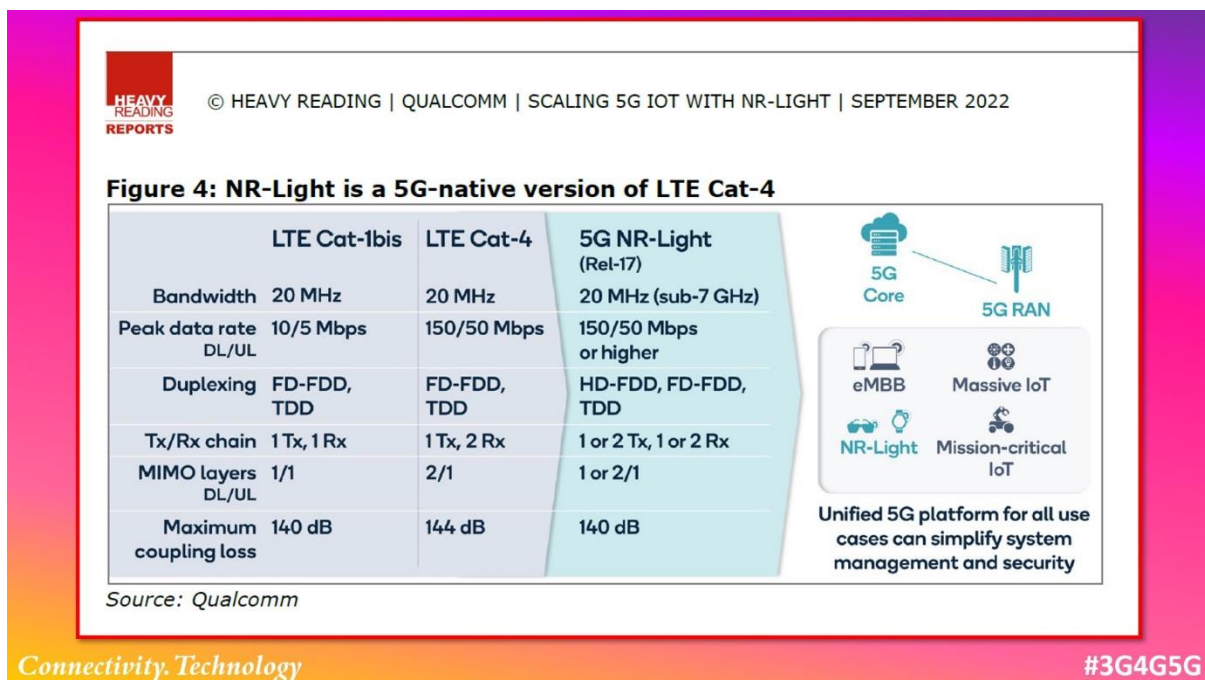
- Dean Bublely on Twitter: "Wow, I didn't know the history of proposing 6GHz for 5G in ITU region 1 (Europe, Africa, Russia). Didn't realise involvement of Russia and African countries heavily dependent on Chinese equipment" ([Tweet](#) with photos)
- The Beacon: Policymakers should designate the 6 GHz band for unlicensed use ([link](#))

🕒 Private Networks

- GSA Snapshot Webinar: Private Mobile Networks (1H 2022) ([link](#))
- Analysys Mason: Spending on private networks will reach USD7.7 billion in 2027, but challenges to adoption persist ([link](#))
- Light Reading: Slow start in France for private 3.8GH–4GHz spectrum ([link](#))

🕒 IoT / M2M

- Connectivity Technology Blog: Would NR-Light (RedCap) succeed LTE Cat-1bis and Cat-4 for Internet of Things Devices? ([link](#))



- Mobile Initiated Connection Only (MICO) mode in 5G System is designed for IoT devices that send small amounts of data and do not need to be paged ([link](#))
- Matt Hatton on LinkedIn: Five key take-aways from a 7-week IoT odyssey ([link](#))
- Washington Post: Tour Amazon's dream home, where every appliance is also a spy ([link](#))

🕒 Smart Cities

- Construction of NEOM's 'THE LINE' has started ([link](#))

🕒 Cloud & Edge

- Light Reading Podcast - Omdia's Roz Roseboro: The complexities of public clouds for telcos ([link](#))
- William Wedge, Principal Technology Advisor at Ofcom, presentation about Reliability Considerations for Telco Cloud Transformation at the Network X ([link](#))
- David Heinemeier Hansson: Why we're leaving the cloud ([link](#))

🕒 **Connected And Autonomous Vehicles (CAVs)**

- Bloomberg: Driverless Car Development Sets Ablaze a Bonfire of Billions ([link](#))

🕒 **Smartphones, Devices, Wearables & Gadgets**

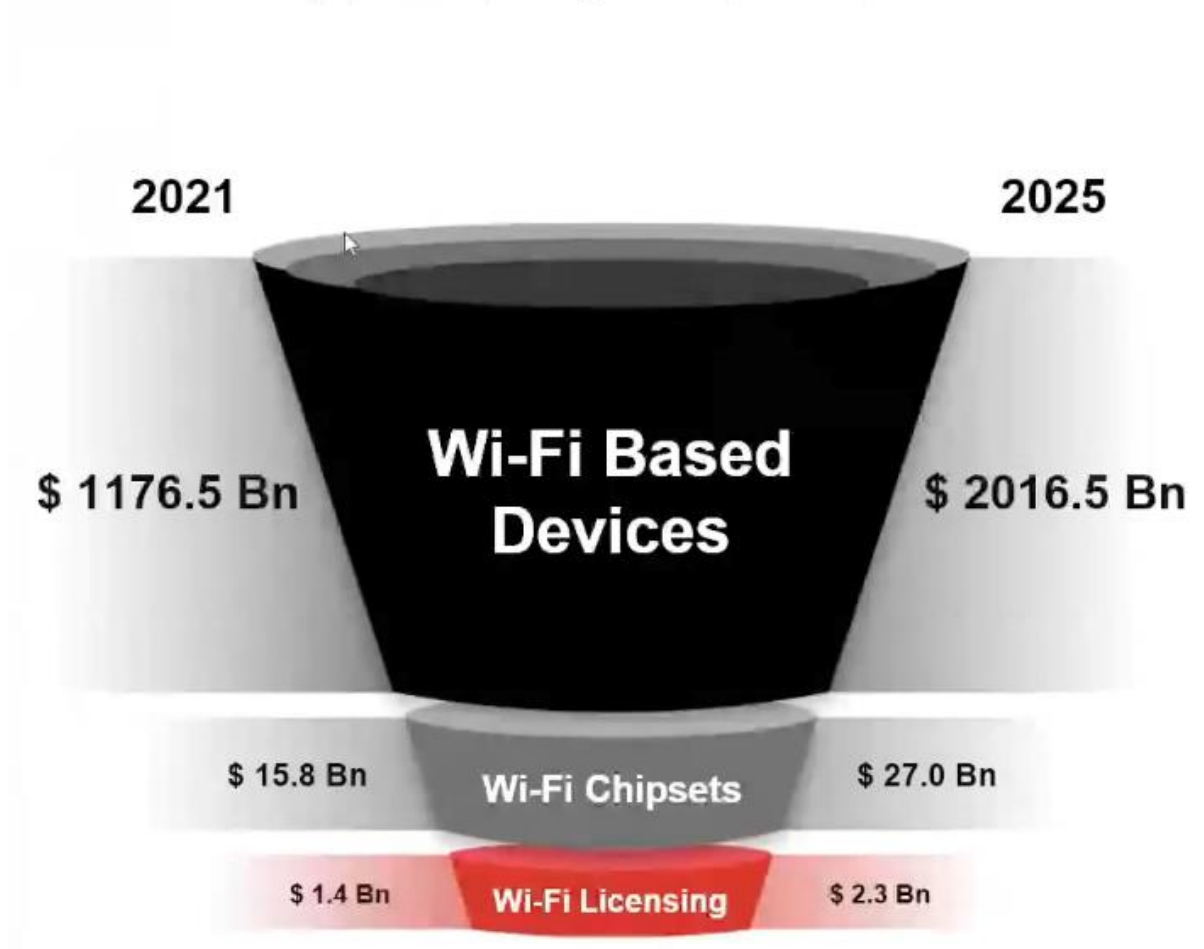
- Presentations from CW 'Making Smart Devices Smarter!' seminar ([link](#))
- PetaPixel: Kodak is Hiring Film Technicians: 'We Cannot Keep Up with Demand' ([link](#))

🕒 **Wi-Fi**

- Sivel: Would You Invest \$2.3 Billion to Earn \$2 Trillion? ([link](#))



Wi-Fi Market Size By Revenue – 2021 v/s 2025



🕒 **Metaverse**

- Telefónica recently held a Metaverse Day to share innovations, strategy and partnerships around metaverse, Web3 and other emerging technologies. ([link](#))
- Light Reading: 6G advocates mash up a metaverse-centric sales pitch ([link](#))

🕒 Other News and Technology Stuff

- 650 Group: 5G Americas Conference Highlights on Open RAN, Enterprise Cellular and Telco Cloud ([link](#))
- Telecoms Infrastructure Blog: The Role of Border Gateway Protocol (BGP) in Making Sure Internet Works ([link](#))
- Paolo Pescatore: Key Takeaways and Observations from GITEX Global 2022 ([link](#))
- Operator Watch Blog: Malaysia is a Land of Competition with Plenty of Mobile Networks to Choose from ([link](#))
- UK Spectrum Policy Forum (SPF) Event round-up: Market Mechanisms Review ([link](#))
- Rudolf van der Berg on LinkedIn: *"I sometimes joke that in telecom the customer (telecom firms) pays many of its suppliers to lie. Now in some ways that's true for all marketing. In telecom however it is a necessity otherwise some people would be out of a job."* ([LinkedIn discussion](#))
- Geoff Hollingworth on LinkedIn: The Industrialization Cycle Explained ([link](#))

🕒 **Picture of the week:** This is a picture of an office from 1960s. The whole of this office has been replaced by an Excel file. Old article by Benedict Evans [here](#).



Happy to hear your thoughts. Feel free let me know what worked, what didn't, how I can make this better, etc. Get in touch over LinkedIn!

PDF version of this and previous newsletters are available [here](#).