

Mobile & Wireless Roundup #27 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 27th edition of this newsletter. It's just over a month remaining for the Mobile World Congress (#MWC23) and I have already started receiving pitches and invites. I am looking forward to the event, not just for meeting colleagues, friends and other contacts but also to attend some of the talks/meetings but the most important thing for me are the demos of what's coming next. If you have something interesting and unique, do let me know. Happy to receive messages on LinkedIn.

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.

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If you have anything interesting to show regarding telecoms, mobile, wireless, IoT, Apps, Metaverse, Wi-Fi, Open RAN, Devices, Gadgets, Future Technologies, etc., get in touch on LinkedIn!

🕒 6G

- Free 6G Training: ITU-R Report on Future Technology Trends of Terrestrial IMT Systems Towards 2030 and Beyond ([link](#))

🕒 5G

- Is there a compelling Business Case for 5G Network Slicing in Public Networks? ([link](#))
- A concise summary of Antennas & Radio Units from UK5G/UKTIN ([link](#))
- Light Reading: Standalone 5G progress remains 'a disappointment' ([link](#))
- Urgent Communications: 3GPP moves Release 18 freeze date to March 2024 ([link](#))
- Telecom TV - An F for the Gs: 5G discontent surfaces for 2023 ([link](#))
- Enhanced User Plane Selection Functionalities in 5G Deployments ([link](#))
- "The remote surgeons take over" 😂 ([Tweet](#))



🕒 Open RAN/vRAN

- Light Reading: Ericsson cites bullish open RAN outlook that poses a quandary ([link](#))
- TIP Blog: Facilitating, Accelerating and Enabling Open RAN ([link](#))

🕒 Spectrum

- Light Reading: O2 Germany CEO gears up for 600MHz battle ([link](#))

🕒 Small Cells

- Emerging Tech Brew: 2023 could be a big year for small cells ([link](#))

🕒 IoT / M2M / Smart Homes

- Summary of UK Government's Industrial 5G Testbeds and Trials (IG5TT) programme ([link](#))

🕒 Security & Privacy

- The 3G4G Blog: Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) ([link](#))

🕒 Smartphones, Devices, Wearables & Gadgets

- Bloomberg: Apple to Begin Making In-House Screens in 2024 in Shift Away From Samsung ([link](#))

🕒 Satellite Connectivity

- CSI Magazine: ABI Research - Satellite-to-cell services won't scale despite growth ([link](#))

🕒 Metaverse

- Preparing for Metaverse-Ready Networks ([link](#))

🕒 Public Safety Networks

- Connectivity Technology Blog: NTT Docomo's Disaster Countermeasures to Keep People Connected ([link](#))

- Public Technology – UK: Home Office and Motorola terminate £400m ESN contract as search for replacement supplier begins ([link](#))

🕒 Sustainability

- Telecom TV: NGMN outlines top challenges for telco sustainability, offers measures ([link](#))
- MWL: KDDI adds renewable energy unit ([link](#))

🕒 Other News and Technology Stuff

- Twitter thread from PTC 2023 by Dean Bubleby ([Day 1](#), [Day 2](#), [Day 3](#), [Other](#))
- Interesting discussion on LinkedIn by Dr. Kim Larsen - Does increased cellular Usage in Bytes cause an increase in cellular Power Consumption, or is it the other way around? ([link](#))
- Strand Consult: In 8 of 31 countries, more than 50% of the 5G RAN equipment comes from Chinese vendors. In 2020, it was 16 of 31 countries in which the 4G RAN equipment came from Chinese vendors. ([link](#))
- The Guardian: ‘They’re 25, they don’t do emails’: is instant chat replacing the inbox? ([link](#))

🕒 Picture of the week: ITU Radiocommunication (ITU-R) Study Groups at work ([source](#))



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](#).