

Mobile & Wireless Roundup #35 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 35th edition of this newsletter. People often reach out to me to see if I have a job for them, often because they tried a few companies and they didn't get a response. Most of the time I don't, especially when someone is not based in the UK.

Over the years whenever I looked for a job, I was in a similar situation. There is hardly a company or organisation that I haven't applied in, often customising my CV to suit the exact requirements, but no response from the majority of them.

You have to remember the reason vacancies exist is because these companies/organisations have a need to fulfil and they need the right candidate to fill them as soon as possible, but there is a limit on how many CVs they can check and how many interviews they might be able to conduct. A good solution is to connect with your friends and former colleagues to find out if their workplace has a vacancy and if they can refer you for that opening.

This has worked nicely for me over the years, especially since some of these companies have candidate referral incentives in place. It works as a win-win for you as well as for the one who referred you.

For those of you who don't know me, I am a technologist with over 24 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.



© MWC 2023 Recap/Summaries

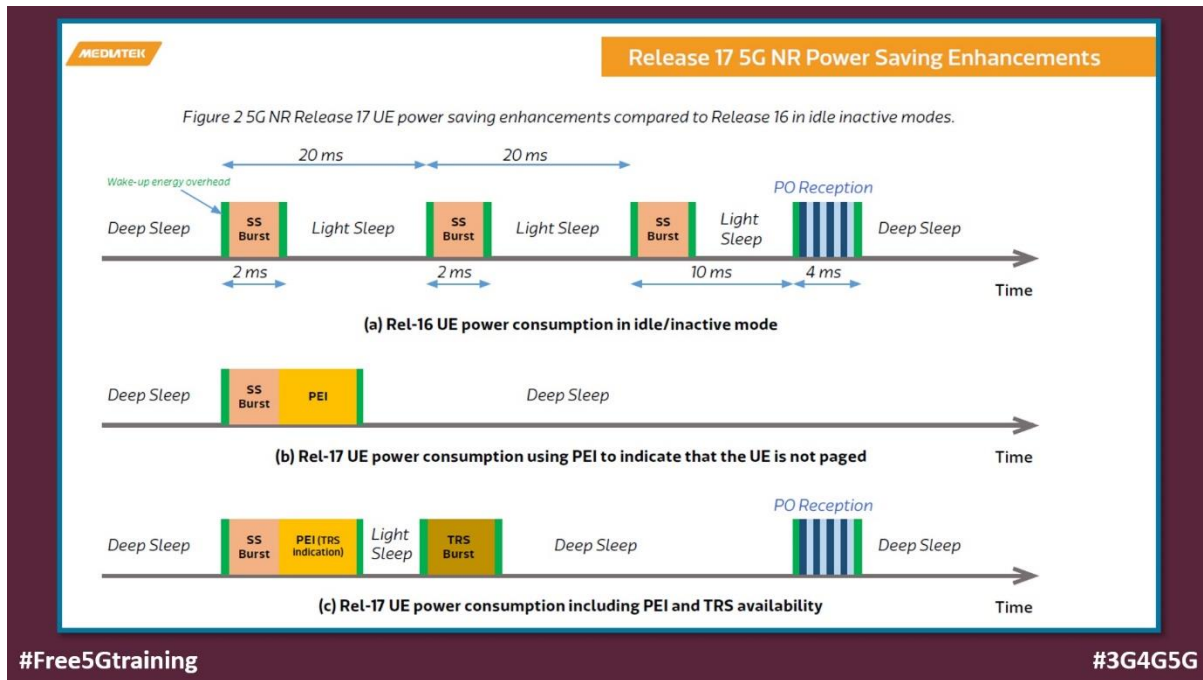
- Firecell: Mobile World Congress 2023 – Recap ([link](#))
- Analyst Shiv Putcha - Mobile World Congress 2023 Part 2: Telco infrastructure and the Gordian Knot ([link](#))
- CCS Insight daily summary of MWC 2023 ([day 0](#), [day 1](#), [day 2](#))
- Light Reading MWC recap: Google, Microsoft and Oracle diverge on network functions ([video](#))
- Analyst Tom Rebbeck on LinkedIn: What was hot and what wasn't at MWC23 ([link](#))

© 6G

- Free 6G Training: 6G Native Extensions for XR Technologies (6G NeXt) ([link](#))
- Light Reading: 6G is shaping up to disappoint, and the industry can blame itself ([link](#))
- NTT Docomo and SK Telecom lay out Common Requirements for 6G ([link](#))

5G

- ATIS Webinar on "3GPP Release 18 Overview: A World of 5G-Advanced" ([link](#))
- Operator Watch Blog: 5G to Help Greenland Connect Over Vast Distances ([link](#))
- Light Reading: Replacing Huawei's 80,000 5G antennas would cost Germany billions ([link](#))
- MediaTek White Paper: 5G NR Power Saving Enhancements in Release 17 - Power consumption optimizations for devices in idle, inactive, and connected modes ([link](#))



4G/LTE

- Light Reading: Nokia and NASA to launch lunar 4G LTE network ([link](#))

Open & Disaggregated Networks (including Open RAN, vRAN, etc.)

- Telecom TV: Latest UK open network project offers £80m in funding ([link](#))
- TMN: Open RAN at the cliff edge? ([link](#))

Spectrum

- Ofcom in UK has decided to make over 6 GHz of millimetre wave (mmWave) spectrum available across the 26 GHz (24.25-27.5 GHz) and 40 GHz (40.5 GHz-43.5 GHz) bands for mobile technology, including 5G. Statement and further consultation. ([link](#))
- USA - Steve Crowley on Twitter: "Vubiq Networks requests authorization "to test and demonstrate mmWave radar sensor technology operating in the D band from 126 GHz – 182 GHz."
https://apps.fcc.gov/oetcf/els/reports/STA_Print.cfm?mode=current&application_seq=122764&RequestTimeout=1000 <https://apps.fcc.gov/els/GetAtt.html?id=317926&x=> " ([Tweet](#))
- The future of mobile spectrum debated at the GSMA Ministerial Programme ([link](#))

Private Networks

- Analysys Mason - MWC 2023: private networks received more attention than IoT, despite several interesting new IoT ventures ([link](#))

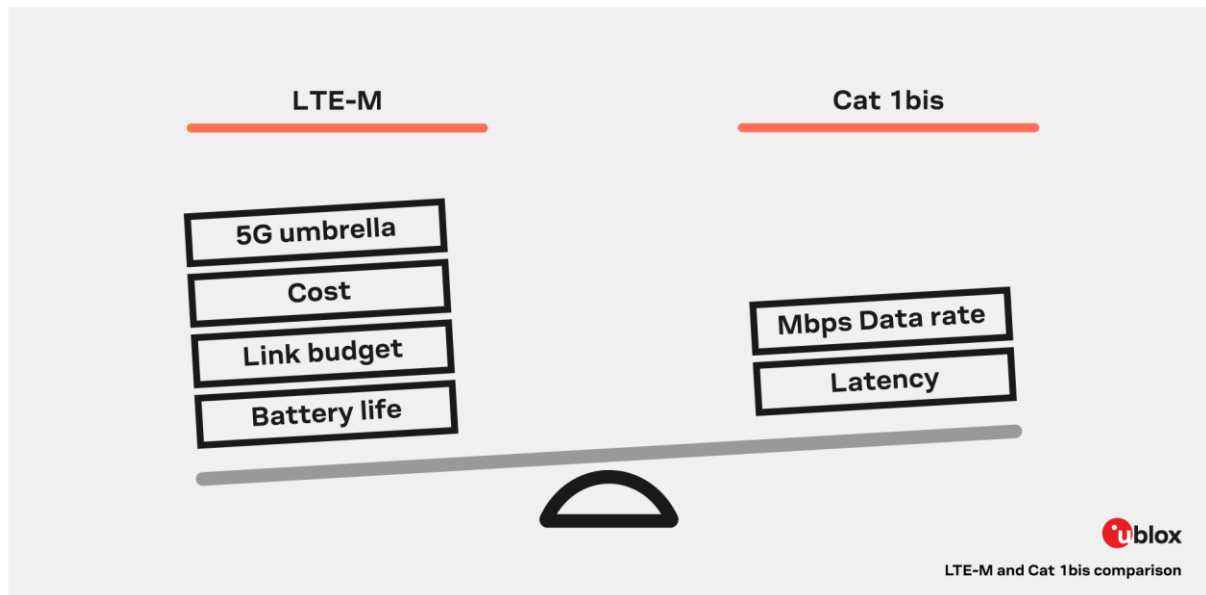
- GSA: Private Mobile Networks - Private-Mobile-Networks February-2023 Summary Report ([link](#))
- Pulse, Korea: LG Electronics to expand into the growing private 5G market ([link](#))
- RCR Wireless: HPE takes a seat in the private 5G dining car – and sees no telcos aboard ([link](#))

🕒 Small Cells & other Telecoms Infrastructure

- Telecoms Infrastructure Blog: KDDI's Underground 5G Base Stations ([link](#))

🕒 IoT / M2M / Smart Homes

- MWL: IoT eSIM adoption tipped to blow ([link](#))
- Would NR-Light (RedCap) succeed LTE Cat-1bis and Cat-4 for Internet of Things Devices? ([link](#))
- MWL: Spark NZ report highlights IoT impact on growth ([link](#))
- ublox: LTE Cat 1bis - An option for Low Power Wide Area (LPWA) applications ([link](#))



🕒 Cloud & Edge

- Rakuten Symphony: Introducing extended version of the Berkeley Packet Filter (eBPF) and its potential for Telco cloud ([link](#)) – see also LinkedIn post by Dr. David Soldani [here](#).
- BBC: Tiny data centre used to heat public swimming pool ([link](#))

🕒 Security & Privacy

- Security Week - Project Zero: Samsung Mobile Chipsets Vulnerable to Baseband Code Execution Exploits ([link](#)) – comment by Rudolf van der Berg ([Tweet](#))
- The Register - Google: Turn off Wi-Fi calling, VoLTE to protect your Android from Samsung hijack bugs ([link](#))

🕒 Connected And Autonomous Vehicles (CAVs)

- Omdia Blog: Sensors for safe autonomous driving ([link](#))

🕒 Smartphones, Devices, Wearables & Gadgets

- The Register: Google stops selling its biz-grade augmented reality specs ([link](#))
- Patrick McGee on Twitter: “New story overnight: @Apple is expected to ship ~1mn units of its first mixed-reality headset in the first 12 months...” (Twitter [thread](#))
- MWL: IDC reveals drop in AR, VR wearables ([link](#))
- Twitter thread by Aditya Kalra: “Reuters Focus: How Xiaomi’s slow shift in India to premium phones helped Samsung steal its crown. The sub-10,000 rupees (\$120) phones are no more attractive. Xiaomi is trying to make a comeback. It’s a fierce battle for the top spot. A @Reuters deep dive 📖” (Twitter [thread](#))
- Light Reading: The eSIM spells trouble for operators ([link](#))

🕒 AI, ML & Automation

- Light Reading - 5G RAN automation: RIC apps appear ([link](#))

🕒 Satellites, HAPS, Drones, UAVs & Space

- Reuters: Spain's race to space about to blast off with reusable rocket launch ([link](#) with video)
- The Register - Amazon: Behold our antennas, which you cannot use just yet ([link](#))
- Light Reading: Amazon will put \$10B in Project Kuiper 'before seeing much cash flow,' says exec ([link](#))
- CNBC: Amazon’s drone business can’t get off the ground as regulations, weak demand stymie progress ([link](#))
- The Guardian: Virgin Orbit stops operations and furloughs most staff. Satellite launch company hunts for funding lifeline following failed attempt from UK soil ([link](#))

🕒 Metaverse

- Associated Press: At MWC, visitors delve head-first into the metaverse ([Video](#))

🕒 Public Safety Networks

- RCR Wireless: AT&T counts 4.4 million FirstNet subscribers with room for more growth ([link](#))
- RCR Wireless: Citymesh launches 70 drones to give Belgian emergency services ‘eyes on the scene’ ([link](#))

🕒 Other News and Technology Stuff

- The Guardian: ‘She’d been sending herself payments from me’: Venmo users on discovering secrets on the app ([link](#))
- Khan Academy announces GPT-4 powered learning guide ([Video](#))
- The Guardian: UK to invest £900m in supercomputer in bid to build own ‘BritGPT’ ([link](#))

🕒 **Picture of the week:** As more bands and technologies keep getting added, equipment manufacturers and solution providers have to keep coming up with compact solutions to not just deliver the data rates but also to ensure an infrastructure that blends in with the surrounding and not stand out too much. This picture shared by Peter Clarke is of Three UK’s multi-gigabit capable 5G network ([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](#).