



Mobile & Wireless Roundup No. 116 (see original on [LinkedIn!](#))

By Zahid Ghadialy

Welcome to the 116th edition of this newsletter. Running a small company means wearing many hats, and one of my roles is creating technical presentations, strategy documents, and whitepapers. Recently, I was hired to craft a pitch narrative for a company seeking to impress a potential investor. Little did I know, an internal team was working on the same task.

Our approaches turned out to be very different. The executive overseeing the project, seeking the best of both worlds, turned to Microsoft Copilot for help. He input both drafts, asking it to generate a stronger outline. To our surprise, Copilot delivered a thoughtful blend of both approaches, one that resonated with everyone, including me. Interestingly, the executive noted that Copilot's response was far better than its initial attempt without the seed ideas. This was a reminder that while AI can enhance our work, it still thrives on human creativity to get started.

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Someone had shared an article on LinkedIn a while back that led me to this [article](#). In the middle of the article it talks about a [scene](#) from the movie Good Will Hunting. On YouTube it has over 1.8 million views with over 31k likes. The article explains:

“For context, if you haven't seen it, Matt Damon is a super-intelligent kid who thinks he knows it all, and Robin Williams is a psychologist trying to help him with behavioral issues. Matt Damon represents AI in this case obviously. AI knows things but hasn't experienced things. AI can fake a human-like connection but is not human. Importantly, there isn't a single, omnipotent “AI.” There are

hundreds (soon thousands and millions) of different models and capabilities. Equally important: outside of math, in most other areas, there is NOT one “right” answer to every question.”

That sentiment stuck with me. In real life, the “right” answer varies—shaped by who you’re talking to, the timing, their mood, and even their recent experiences. No matter how advanced AI becomes, it still needs a human element to navigate the subtleties of life. And that’s reassuring. Our role isn’t diminishing; it’s evolving.

For those of you who don’t know me, I am a technologist with over 25 years’ experience in mobile wireless technology, currently working as an independent advisor, analyst, consultant and a trainer. This newsletter is a summary of my posts and other news that caught my attention since the last newsletter.



CW CAMBRIDGE WIRELESS #CWTechTrain

CW ACADEMY: AN INTRODUCTION TO 6G

Led by Zahid Ghadialy

11 Feb 2025
9:00 - 17:30
The Bradfield Centre, Cambridge Science Park

£400 + VAT for CW Members - £500 + VAT for Non-Members

🕒 4G/LTE

- Developing Telecoms: Orange to complete African 4G rollout with CAR launch ([link](#))

🕒 5G

- Michael Thelander on LinkedIn: 5G Down Under – The industry’s first NR-DC (with SA) study, plus LTE versus 5G ([link](#))
- Telekom, Skylo and Qualcomm demonstrate SMS over satellite directly from smartphones ([PR](#))
- TelecomTV: No wonder telcos are bitter about 5G ([link](#))
- Gabriel Brown on LinkedIn: 5G Advanced Signals Continuous Innovation in Mobile Networks ([link](#))
- 5G-Advanced: Shaping the future of operator services – A Deep Dive ([link](#))
- Operator Watch Blog - Venezuela’s Mobile Revolution: Growth, Innovation, and the Road to 5G ([link](#))

🕒 6G

- Light Reading - 6G: Learning from the mistakes of past Gs ([link](#))

- 5G Technology World: NYU Wireless releases 6G channel propagation data ([link](#)) – LinkedIn post by Ted Rappaport [here](#).
- Samsung Research Blog: Waveform Enhancements for Energy Efficiency in 6G ([link](#))
- Free 6G Training: SoftBank Demonstrates Terahertz Communication for Vehicles with Cosecant Beam Antenna ([link](#))



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

- Orange Hello Future: Open RAN now ready for large-scale deployment ([link](#))

🕒 Private Networks

- RCR Wireless: Germany launches consultation process for 5G campus networks ([link](#))

🕒 Telecoms Infrastructure, Small Cells, Antennas & others

- Paul Rhodes on LinkedIn - Thursday School: See the light! ([link](#))
- Paul Rhodes on LinkedIn - Tuesday Thoughts: How big is a Data Pool? ([link](#))

🕒 IoT / M2M / Smart Homes

- RCR Wireless: Has cellular IoT failed? Is it destined to fail? Big questions after AT&T axes NB-IoT ([link](#))
- A nice table comparing IoT standards from Qualcomm's whitepaper on the benefits of LTE Cat 1bis technology ([link](#))
- Matt Hatton on LinkedIn: "One of the questions I often get is "why didn't we hit 50 billion IoT devices in 2020 like you analysts were promising?"..." ([link](#))

🕒 Virtualization, Cloud & Edge

- New core network launched: 5G Cloud Core from O2 Telefónica reaches one million users ([PR](#))

📍 Security & Privacy

- Detection of Real-world Fake Base Station (FBS) Attacks in Thailand ([link](#))

📍 Connected And Autonomous Vehicles (CAVs)

- Light Reading: C-V2X, with 5G specs, takes another step forward in the US ([link](#))

📍 Smartphones, Devices, Wearables & Gadgets

- Developing Telecoms: African smartphone market grows 3% despite challenges ([link](#))

📍 AI, ML & Automation

- Jinsung Choi on LinkedIn: The Role of Distributed Data Architectures in AI-RAN ([link](#))

📍 Satellites, HAPS, Drones, UAVs & Space

- MWL: Starlink D2D service gets conditional FCC nod ([link](#))
- ISP Review: Ofcom Prep Proposals to Authorise Using Satellites to Deliver UK Mobile ([link](#)) – Ofcom Statement: Improving mobile connectivity from the sky and space ([link](#))



Figure 1: UKFAT allocations for Mobile-satellite services (MSS) between 1 GHz – 3 GHz⁸

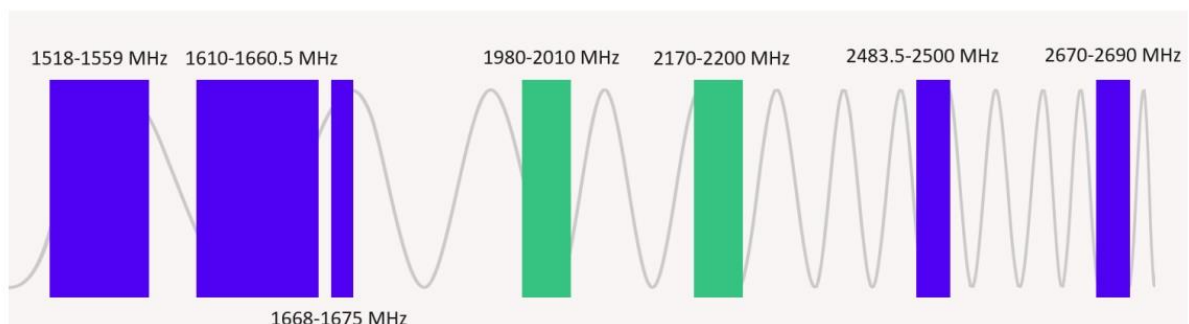


Figure 2: Licensed spectrum for use by mobile network operators below 3 GHz in the UK¹¹



📍 Sustainability

- The 3G4G Blog: Low Latency Power Saving with Low Power-Wake Up Signal/Receiver (LP-WUS/LP-WUR) ([link](#))

📍 Other News and Technology Stuff

- Ookla: Is Telecoms Consolidation the Panacea for Europe's Digital Competitiveness? ([link](#))
- Gabriel Brown on LinkedIn: Monetize Value: The Right Strategy for Mobile Operators ([link](#))
- Heikki Almay on LinkedIn: Sisyphus works on network APIs ([link](#))

- Ian Fogg on LinkedIn: "I had four main takeaways from yesterday's excellent Telefónica Tech analyst day, on security, non-terrestrial networks (NTN), AI and Open Gateway / Network API's..." ([link](#))

© **Picture of the week:** United Living Connected shared an [update on LinkedIn](#) from their latest project at one of VMO2's mobile telecoms sites in London! You can read more about that [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](#).