

## Mobile & Wireless Roundup #8

By Zahid Ghadialy

Welcome to the eighth edition of this newsletter. With the school holidays coming to an end, I am busy revising science, maths and computers. Can't let my teenager catch me out with simple questions I can't answer 😊.

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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### 🕒 6G

- Free 6G Training: Hexa-X 6G Architectural Trends and Enablers Paper from IEEE 5GWF 2021 ([link](#))
- ICYMI: Broadband Connectivity In 6G ([link](#))
- 6G World: First Responders Industry Eyeing 5G and 6G Evolution ([link](#))

### 🕒 5G

- Ericsson Technology Review: Improving energy performance in 5G networks and beyond ([link](#))
- Operator Watch Blog: Hong Kong Providing Great 5G Experience ([link](#))

### 🕒 4G/LTE

- The 3G4G Blog: How Multiband-Cells are used for MORAN RAN Sharing ([link](#))
- Vodafone Germany launches 'Network Insurance' 4G Network Slicing ([link](#) in German) – *"Vodafone transfers 5G technology network slicing to the 4G network. 'Network insurance' for corporate customers : Even in high-load situations, the necessary capacity is secured by 4G network slicing. Areas of application in logistics, traffic & media"*
- 3GPP SON Series: Cell Outage Detection and Compensation (COD & COC) ([link](#))

### 🕒 Open RAN

- Virgin Media O2, NEC and Rakuten Symphony drive multi-vendor Open RAN innovation in the UK ([link](#))
- Light Reading: Virgin Media O2 would be mad to follow Vodafone on open RAN ([link](#))

## 🕒 Private Networks

- Video: 20 minutes CBRS Network Set up ([link](#))

## 🕒 IoT / M2M

- Mobile Europe: Global satellite IoT subscriber base to reach 21.2 million by 2026 ([link](#))
- Enterprise IoT Insights: Drei launches LoRaWAN network in Austria ([link](#))

## 🕒 Security & Privacy

- Incomplete Guide for Securing Containerized Environment And Understanding How Containers Present Unique Security Challenges ([link](#))

## 🕒 Connected And Autonomous Vehicles (CAVs)

- TechCrunch: Human drivers in UK won't be liable for accidents when vehicle is self-driving ([link](#))

## 🕒 Artificial intelligence & Machine Learning

- Semiconductor Engineering: AI Power Consumption Exploding ([link](#))
- ICYMI: The Role of AI and ML in the Open RAN and 5G Future ([link](#))

## 🕒 Satellite Connectivity

- A good Twitter thread comparing SpaceX vs Space Mobile ([link](#))

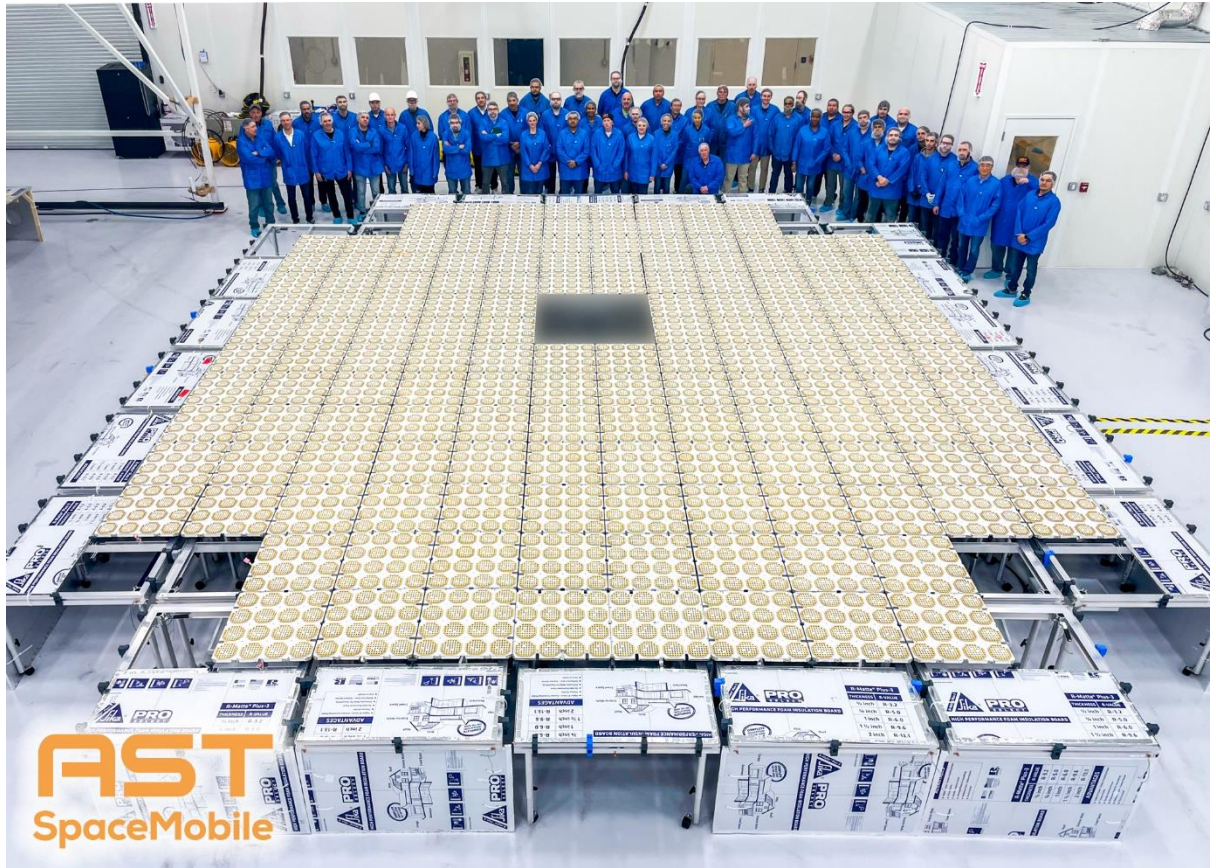
## 🕒 Wi-Fi

- Qualcomm OnQ Blog: Qualcomm makes Wi-Fi 7 history at IFA 2022 with HBS (High Band Simultaneous) Multi-Link in 320MHz ([link](#))

## 🕒 Other News and Technology Stuff

- Have you heard of European Chips Act? Official site is [here](#). Brookings have a nice summary [here](#). The German think tank for digital technologies, politics and society, Stiftung Neue Verantwortung (SNV), is not impressed and has written a Policy Brief on 'Analysis of the EU Chips Act: The Crisis Response Toolbox'. Available [here](#). You can also read a short Twitter thread on this topic [here](#).
- Light Reading: T-Mobile goes big on eSIM ([link](#))

🕒 **Picture of the week:** AST SpaceMobile's BlueWalker 3 test satellite carries a 693-square-foot phased array that is designed to test cellular broadband communications directly with standard mobile phones, from space, for the first time. ([link](#))



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!