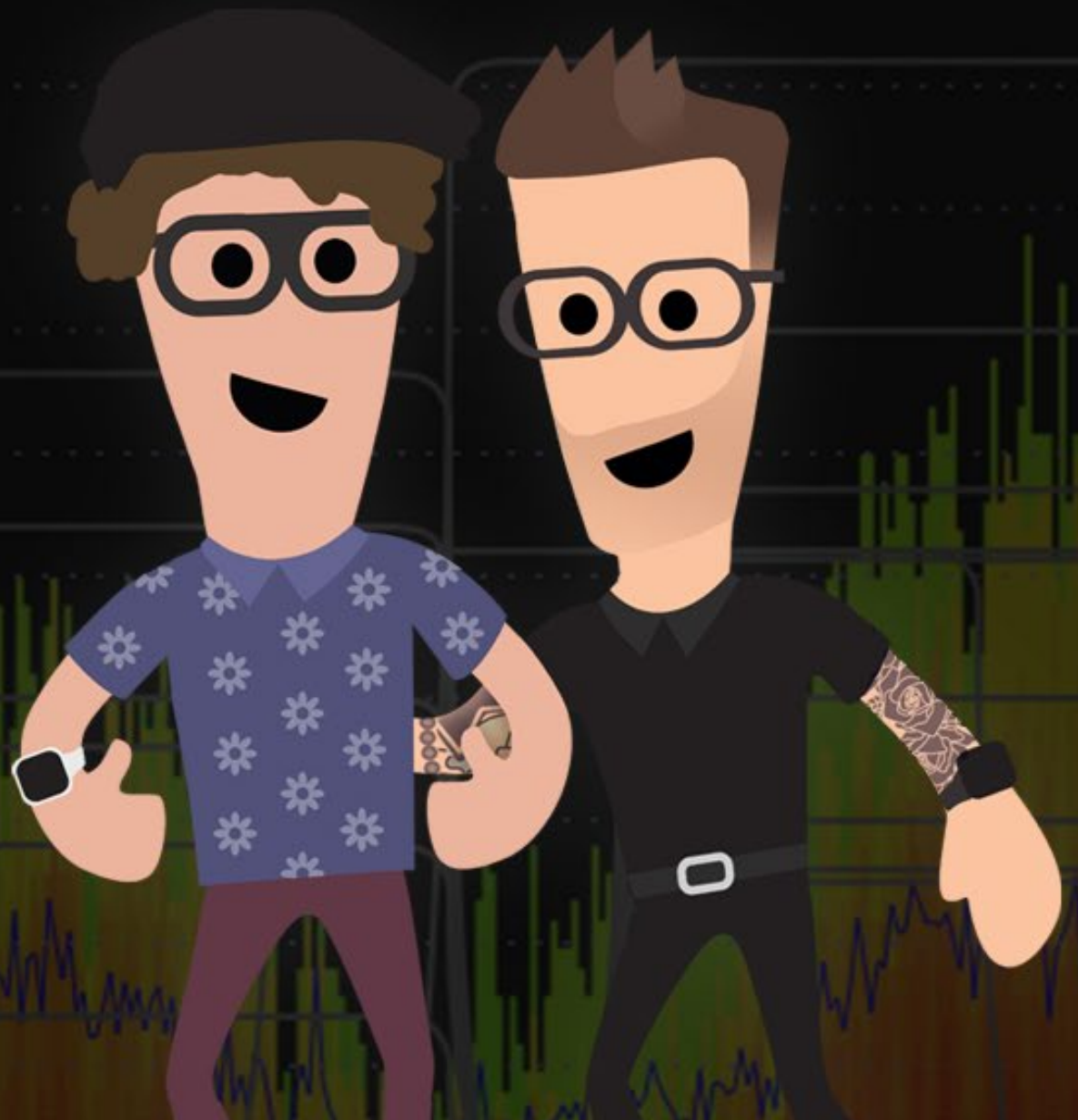


# How to Use Spectrum Analysis to Validate Your Wi-Fi



#WiFiDesignDay

by Ekahau and Open Reality

# Speaker Intros



**MAC DERYNG**  
Director, Ekahau University  
& Product Marketing



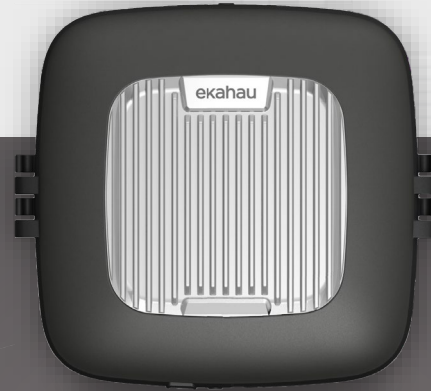
**MATT STARLING**  
Director, Ekahau University  
& Product Marketing

# 3 Easy Steps to Great Wi-Fi Every Day



Step 1

A Great Network Starts with a Great **DESIGN**



Step 2

**VALIDATE** with Super Accurate Sidekick Measurements



Step 3

Maintain Great Wi-Fi with Regular **HEALTH CHECKS**

“Spec an” - What is it?

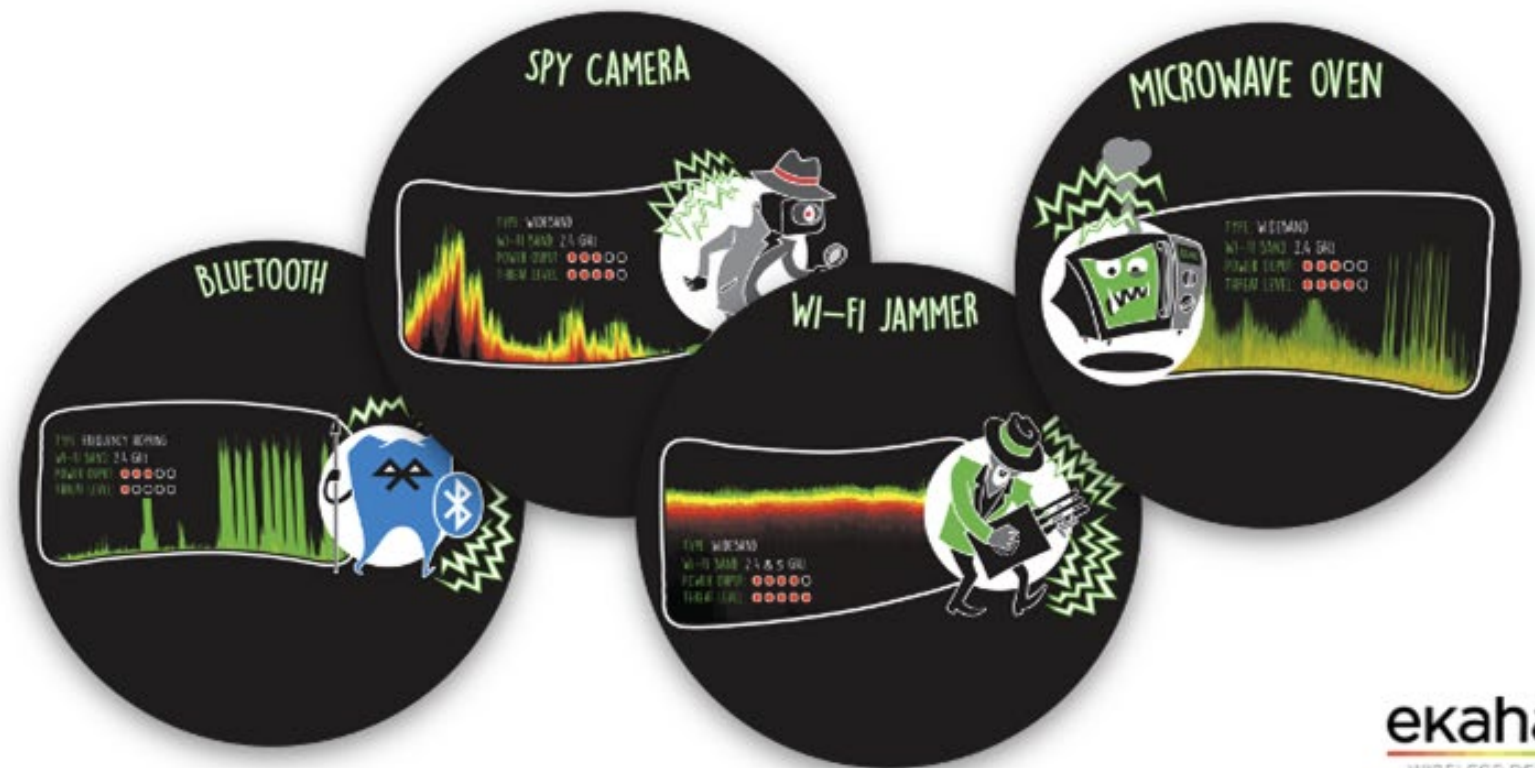


# What Are the Most Common Interferers?

## And How to Fix Them

Some of the most common interferers have unique patterns and behaviors that we're able to identify right within the app, saving you time trying to track down and troubleshoot the source of your Wi-Fi issues.

- Microwave Ovens
- Bluetooth
- Wireless Cameras
- Wi-Fi Jammer
- Wireless Headsets
- And so MANY more!

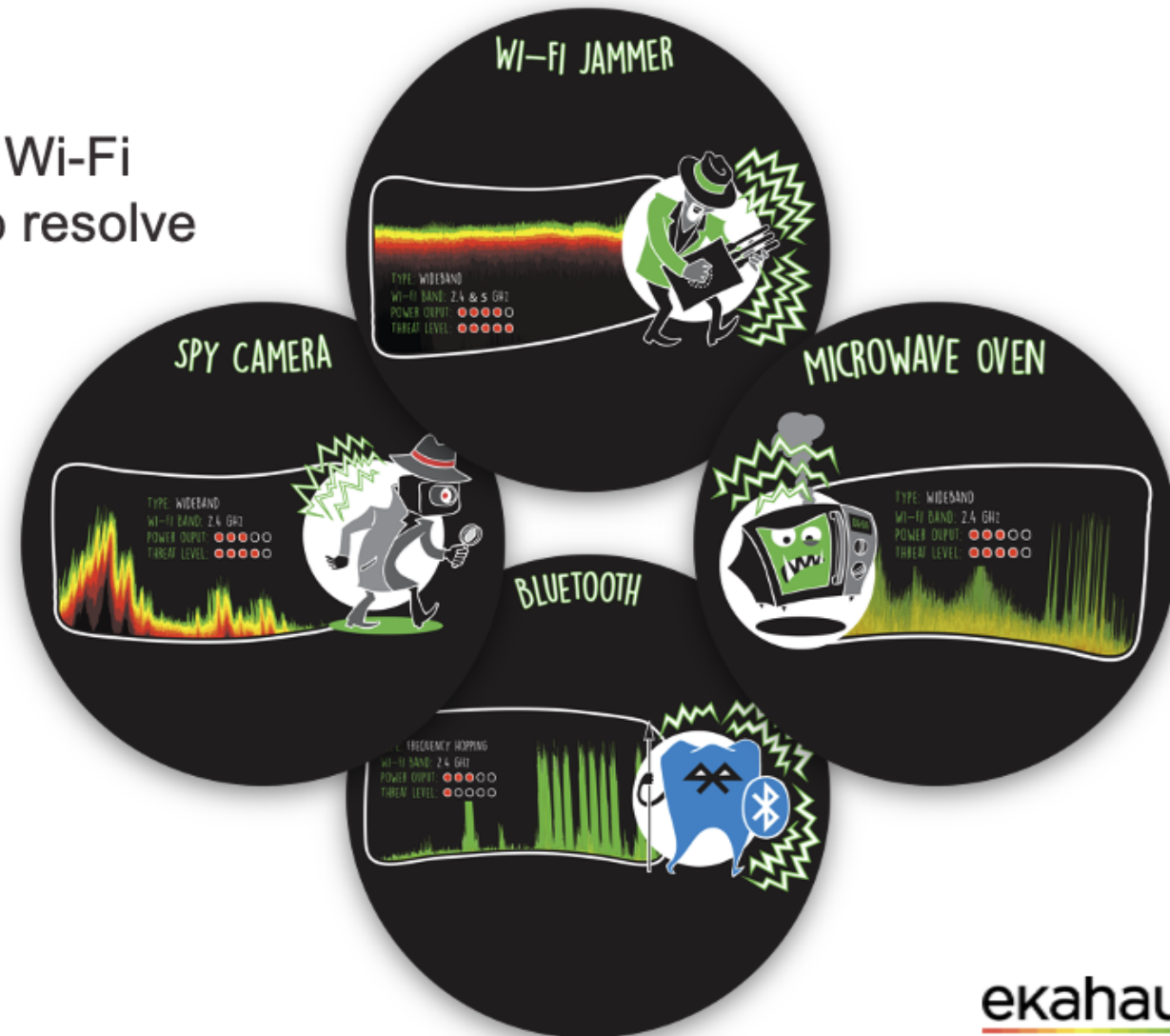


# How Do I Resolve Interference?

## Sidekick Is My Best Friend

Oftentimes interference can be detrimental to Wi-Fi communications, so steps need to be taken to resolve these issues...

- Is it Wi-Fi or non-Wi-Fi?
- What frequencies are affected?
- What channels are affected?
- Does it only occur during a certain time?
- How loud is it? Am I close? Can I see it?
- Site Survey data can help pinpoint
- Divide & conquer!



Time for a live demo 

# Thanks!



**MATT STARLING**

Director, Ekahau University & Product Marketing  
[@MattStarling](#)



**MAC DERYNG**

Director, Ekahau University & Product Marketing  
[@MacDeryng](#)

