



# How to Fix your Wi-Fi

and some very bad generative AI pictures

# Three ways to fix your Wi-Fi



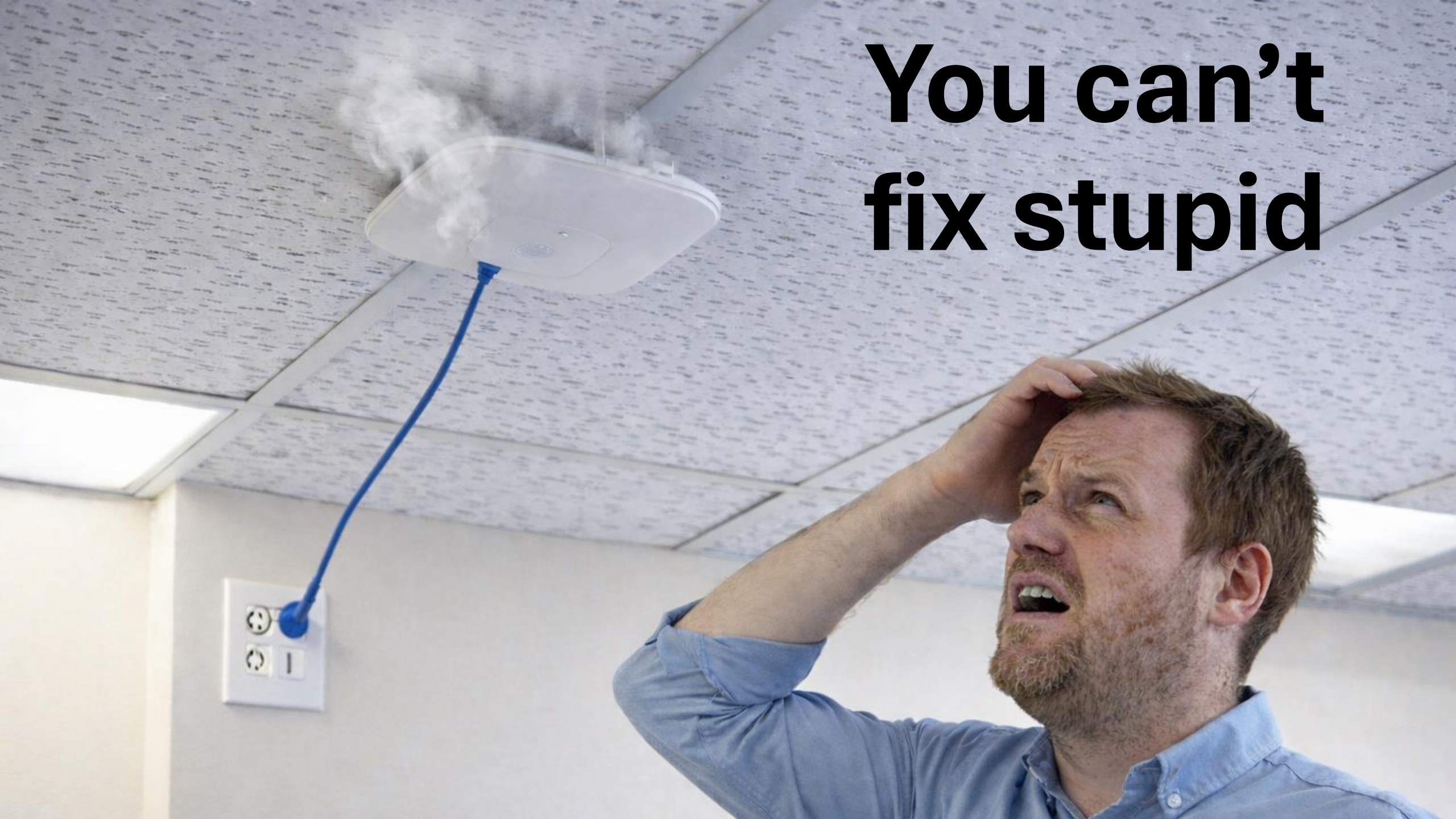
**You can't fix stupid**



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fix stupid**



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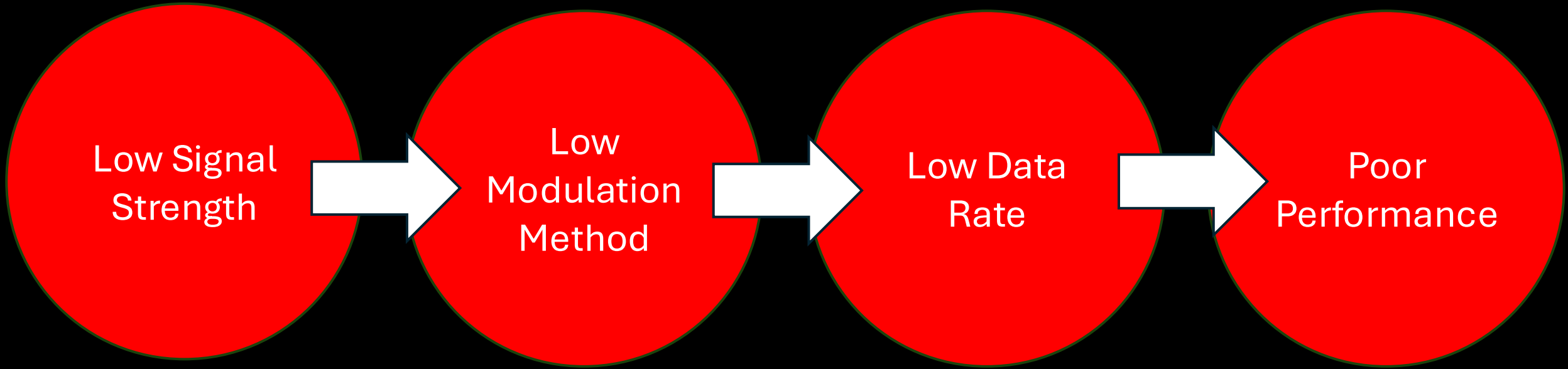
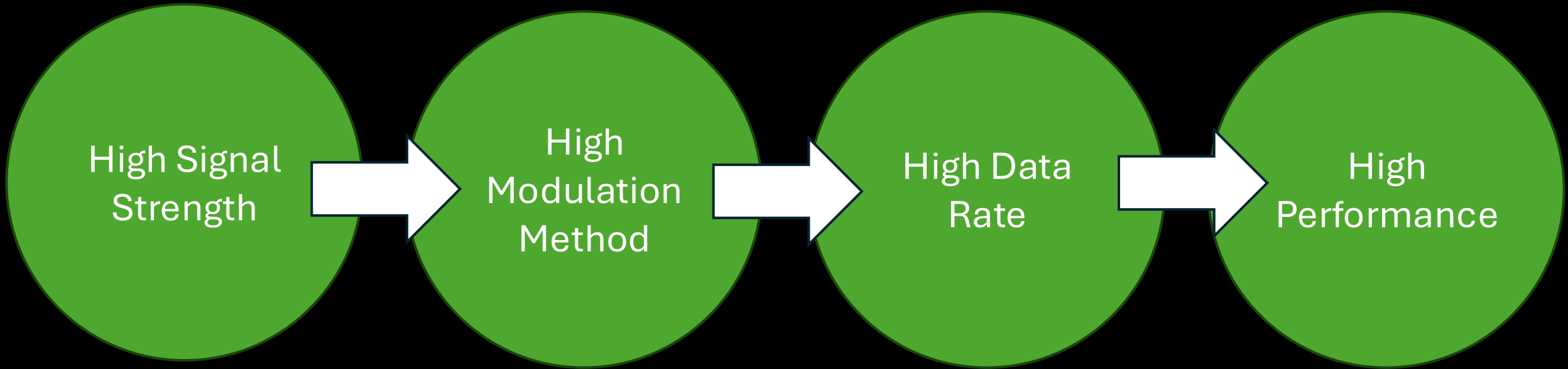
# Four ways to fix your Wi-Fi

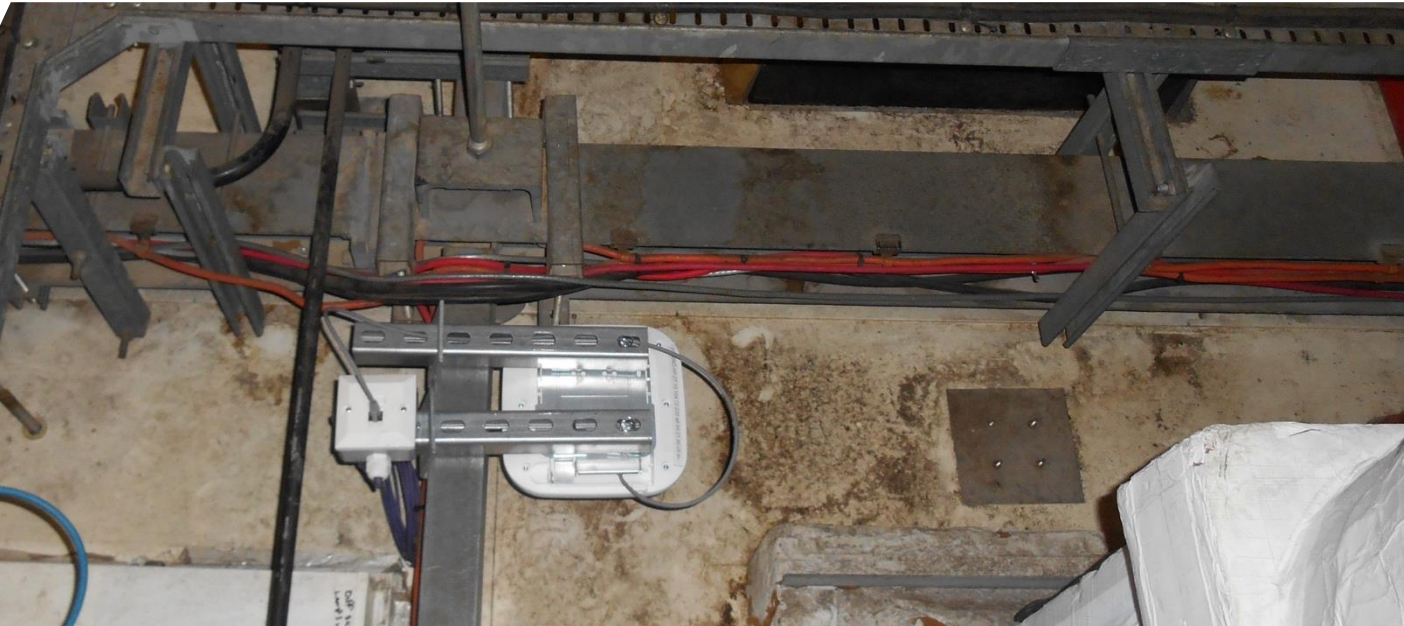


Fix #1

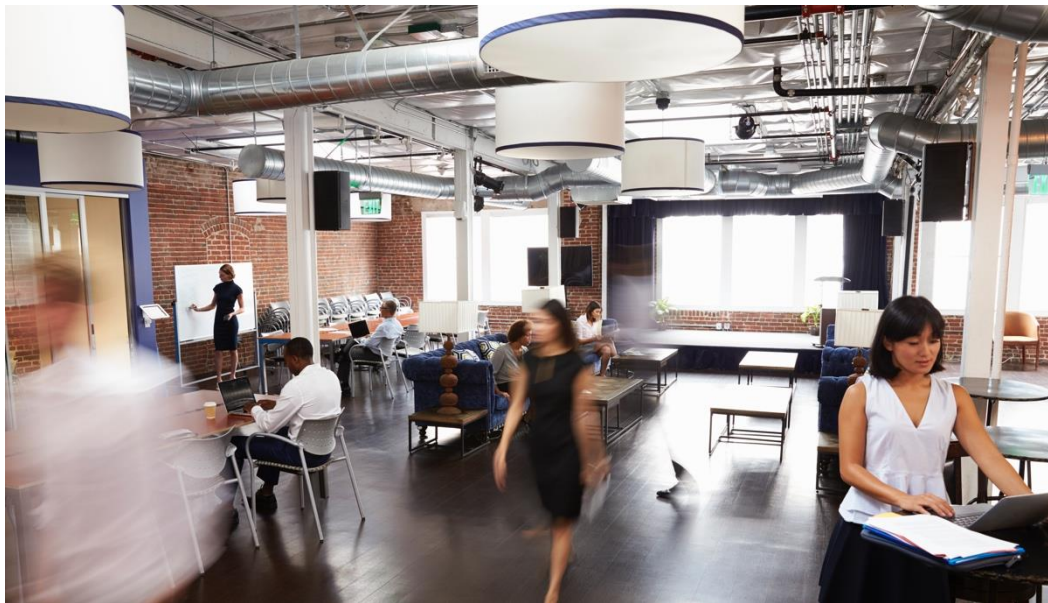
Place access points  
as close to the  
users as possible.



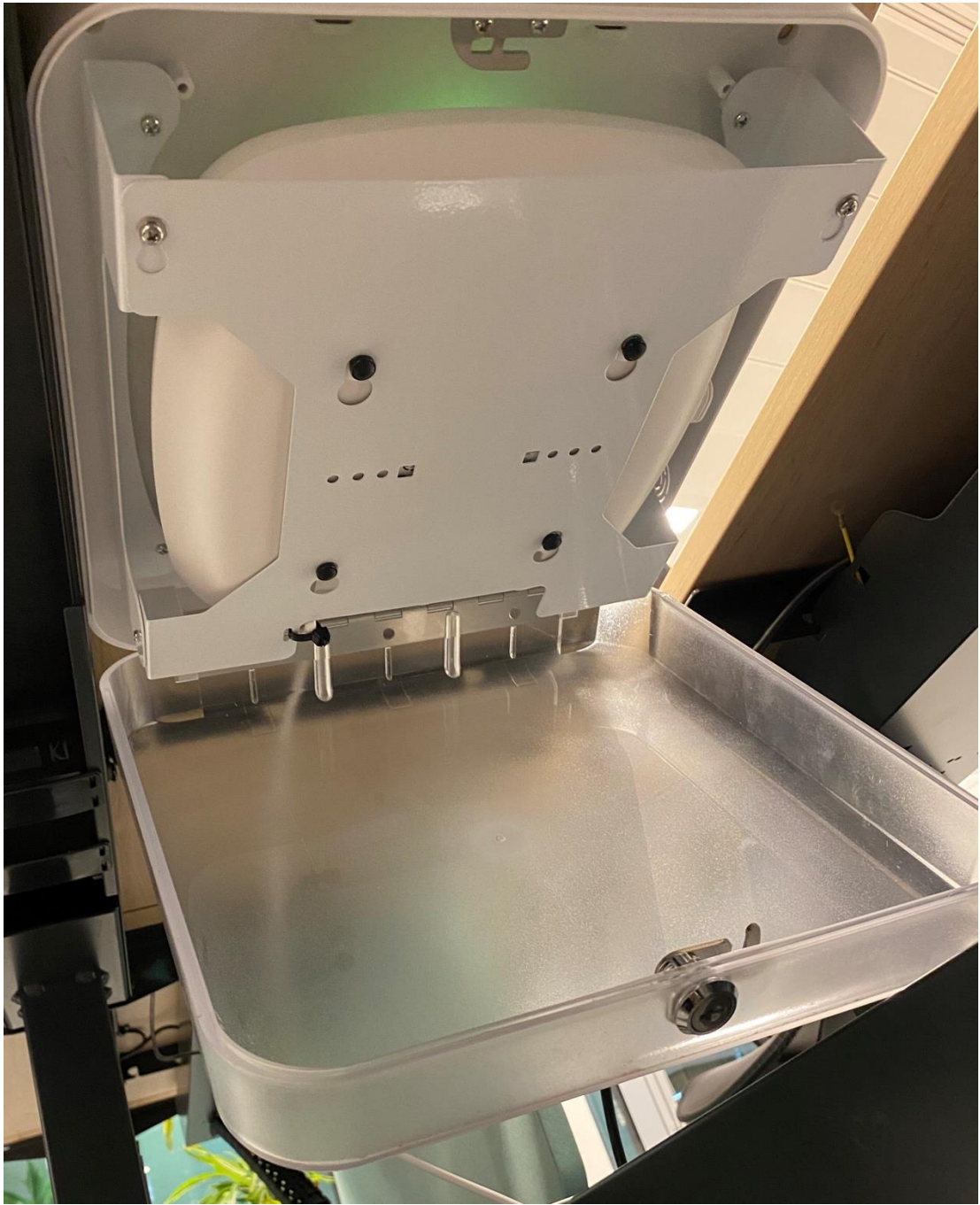
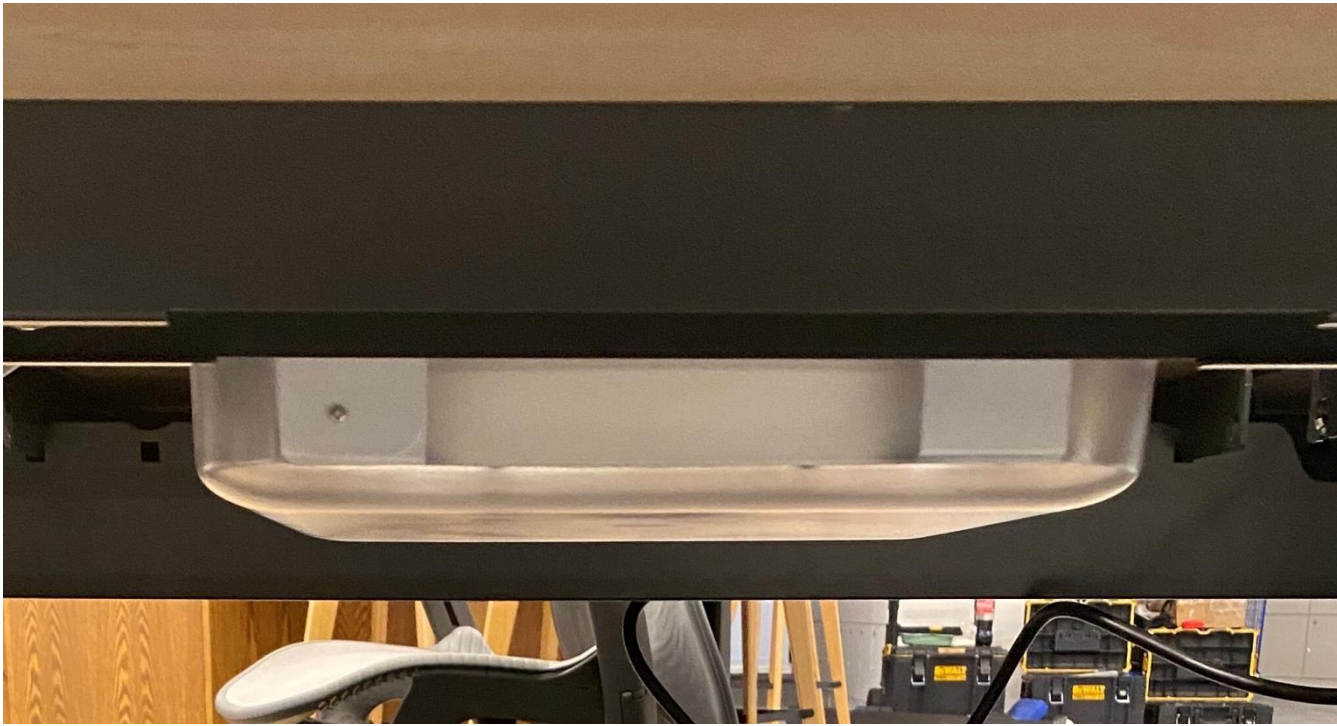


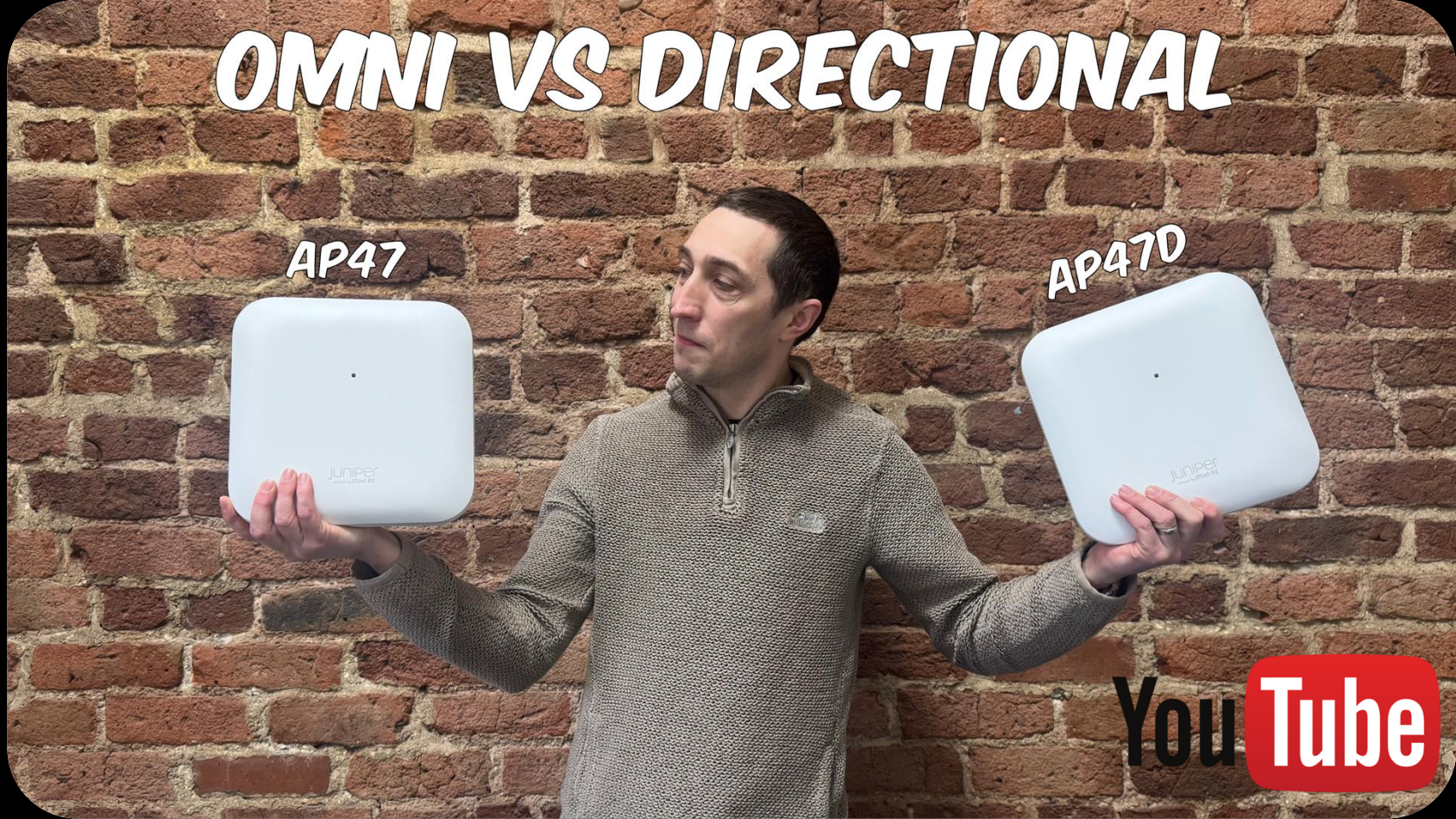
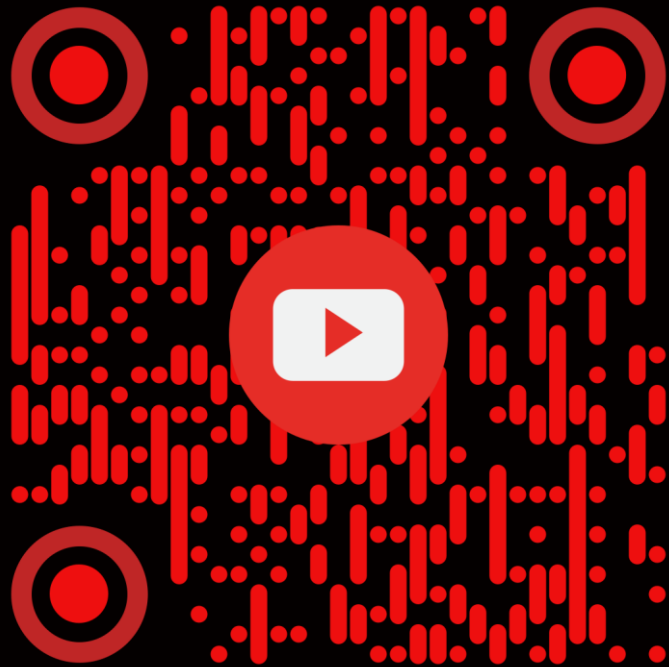


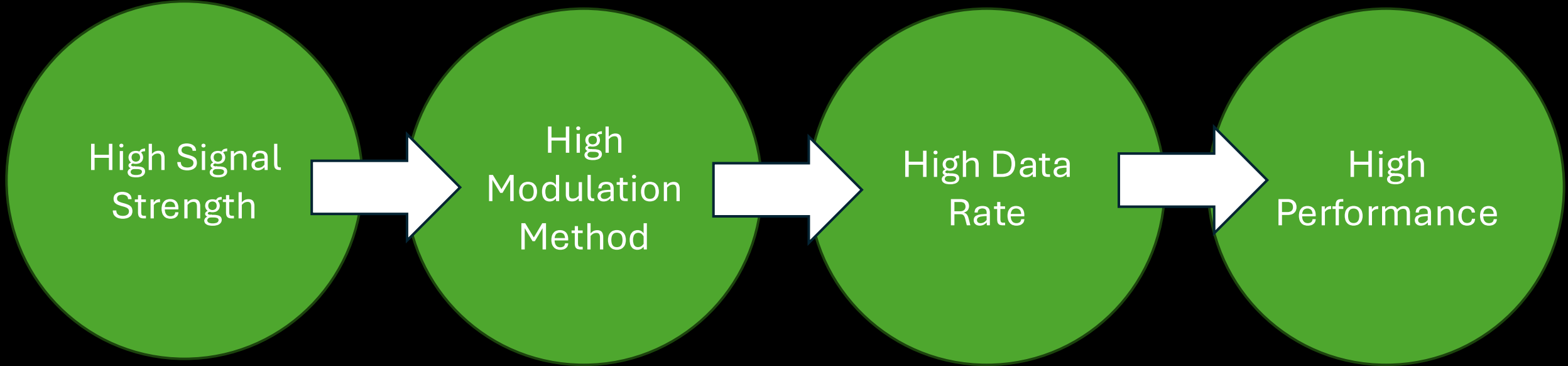












High Signal  
Strength

High  
Modulation  
Method

High Data  
Rate

High  
Performance

Fix #2

2.4GHz



5GHz



Fix #2

**Disable 2.4 GHz on  
business and mission  
critical networks**

# SSID Design

SSID	2.4GHz	5GHz	6GHz
Corp	✗	✓	✓
BYOD	✗	✓	✗
Guest	✓	✓	✗
IoT	✓	✗	✗

Example only - Based on requirements.

Fix #3

Disable lower  
date rates



# Non-HT Data Rates

Control frames are sent at non-HT data rates

802.11b DSSS Data Rates				802.11a/g OFDM Data Rates							
1	2	5.5	11	6	9	12	18	24	36	48	54

## Basic / Required

- All Stations in the BSS must support these data rates
- Many control and management frames are sent at the lowest basic rate called the Minimum Basic Rate (MBR)

## Supported / Enabled

- Stations in the BSS may use these data rates if supported

## Disabled

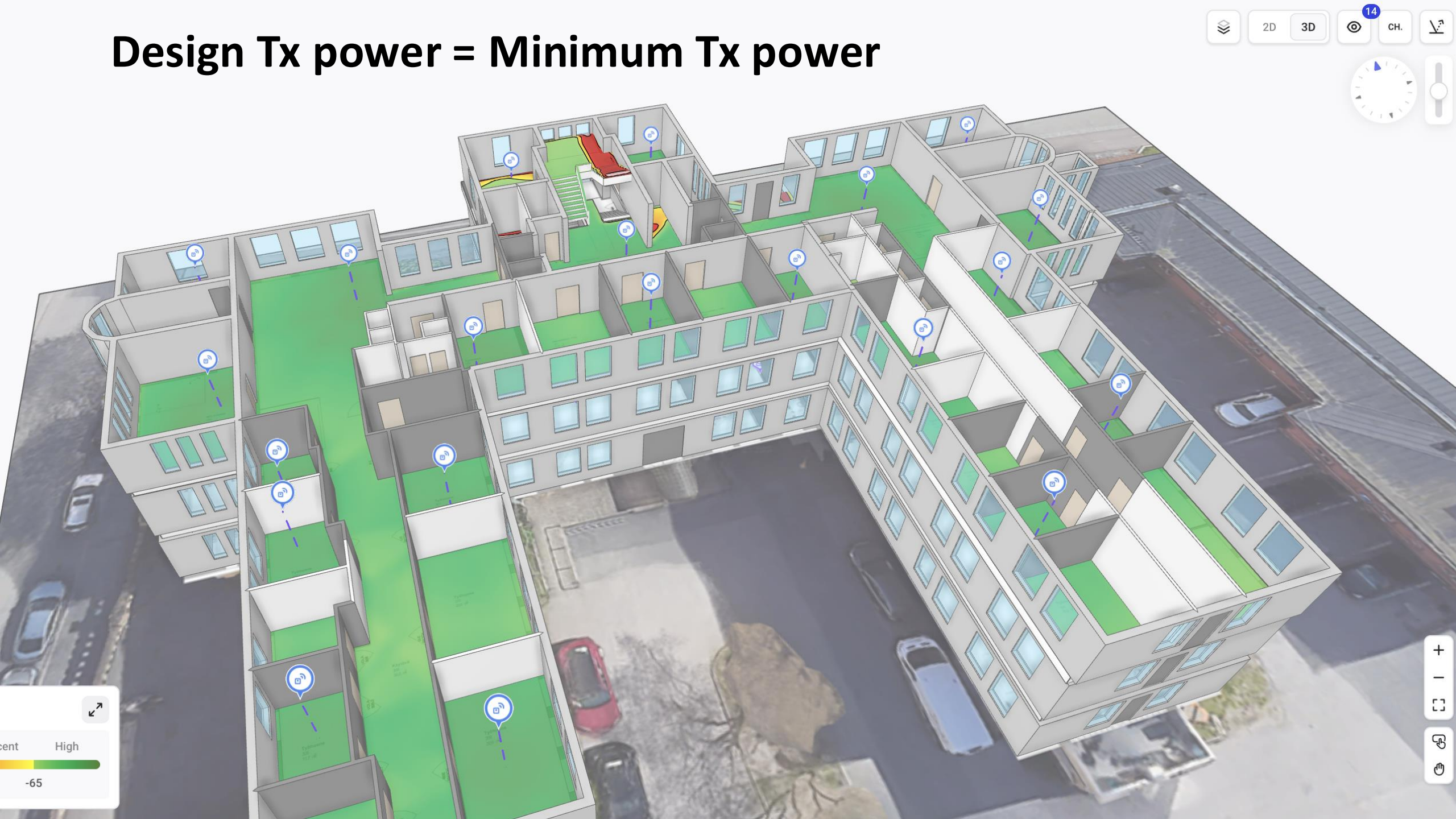
- Data rates cannot be used for frame transmissions by members of BSS.
- Stations may still receive frames sent using disabled data rates

Fix #3

Increase AP Tx  
Power

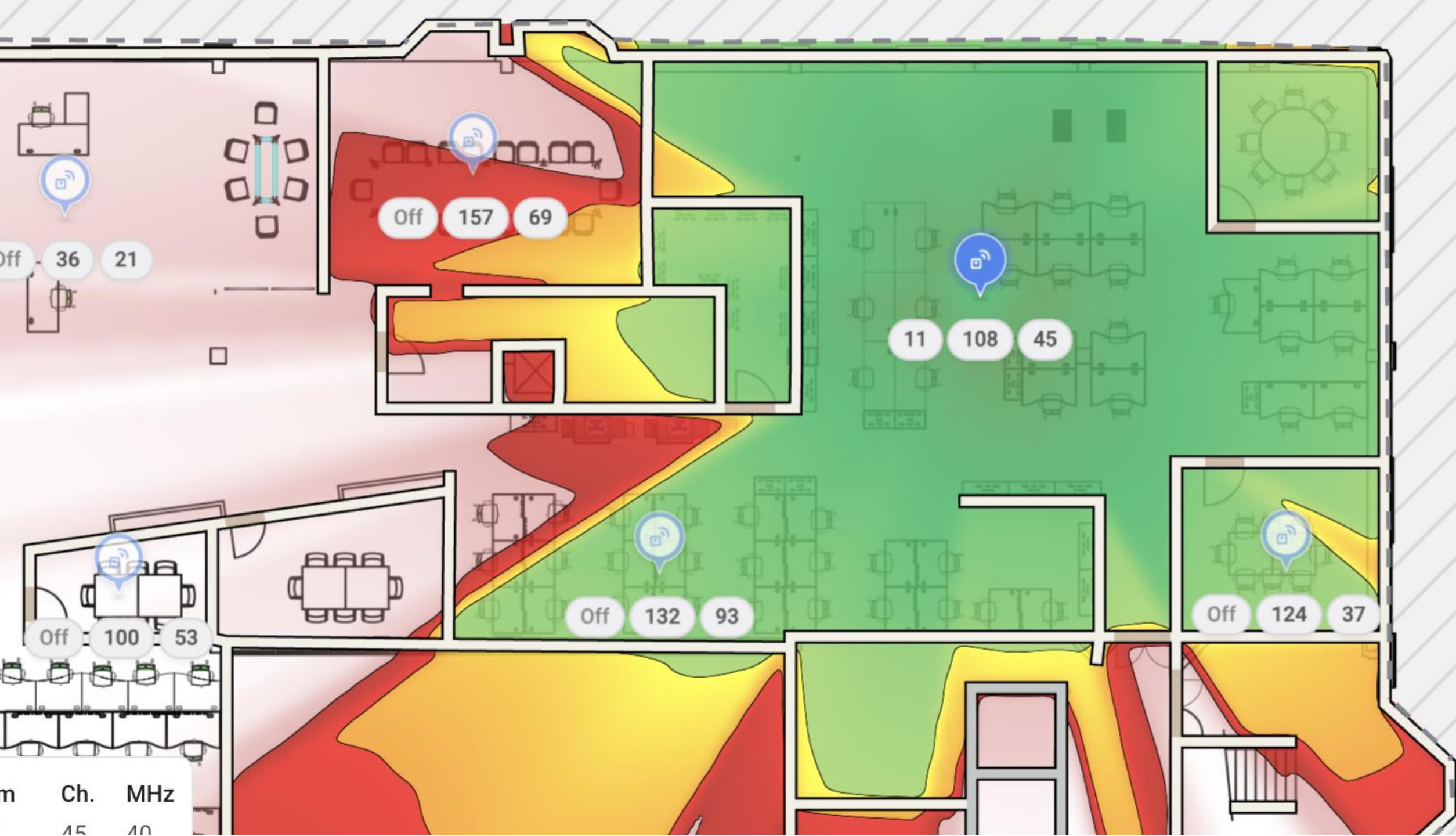


# Design Tx power = Minimum Tx power

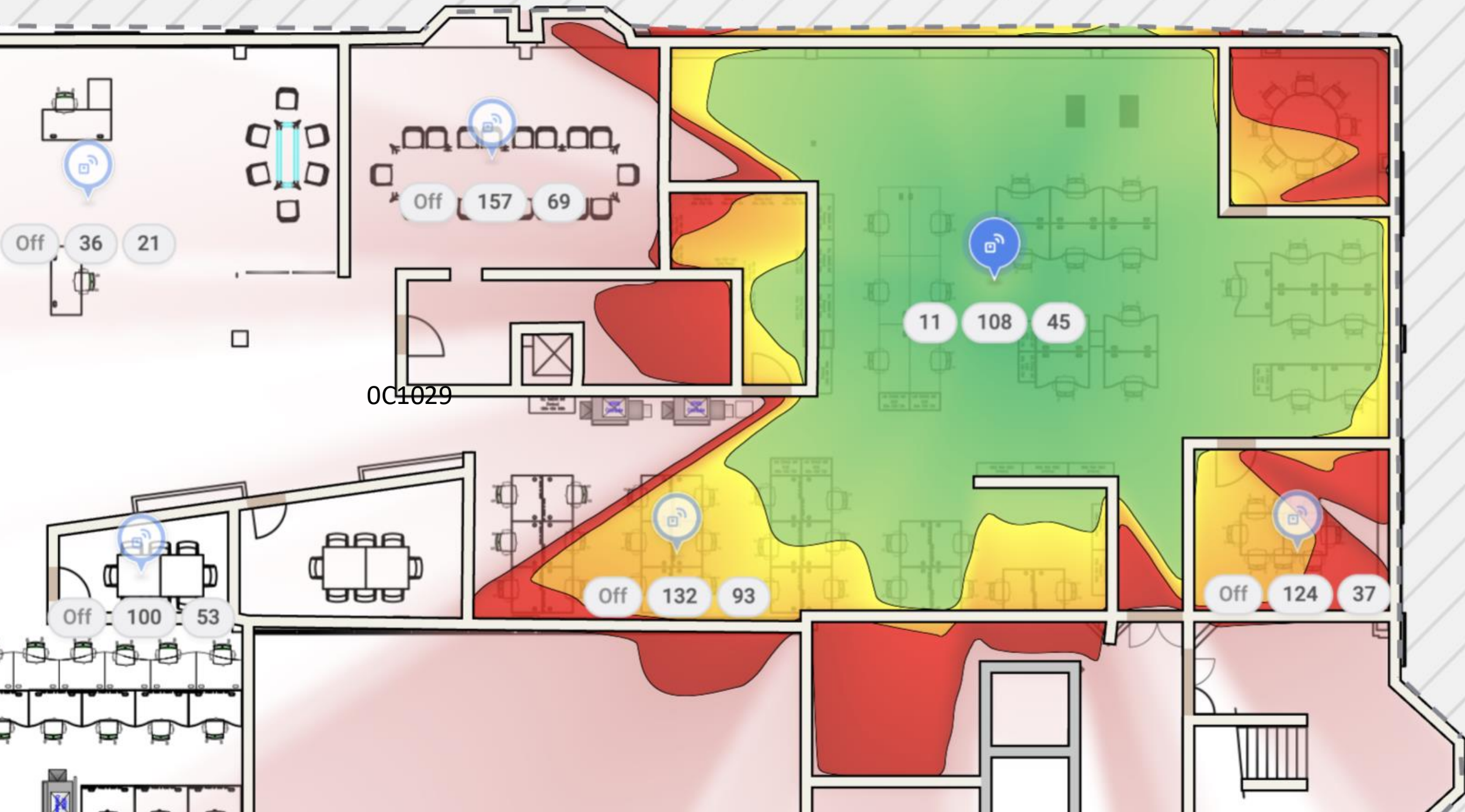


cent High  
-65

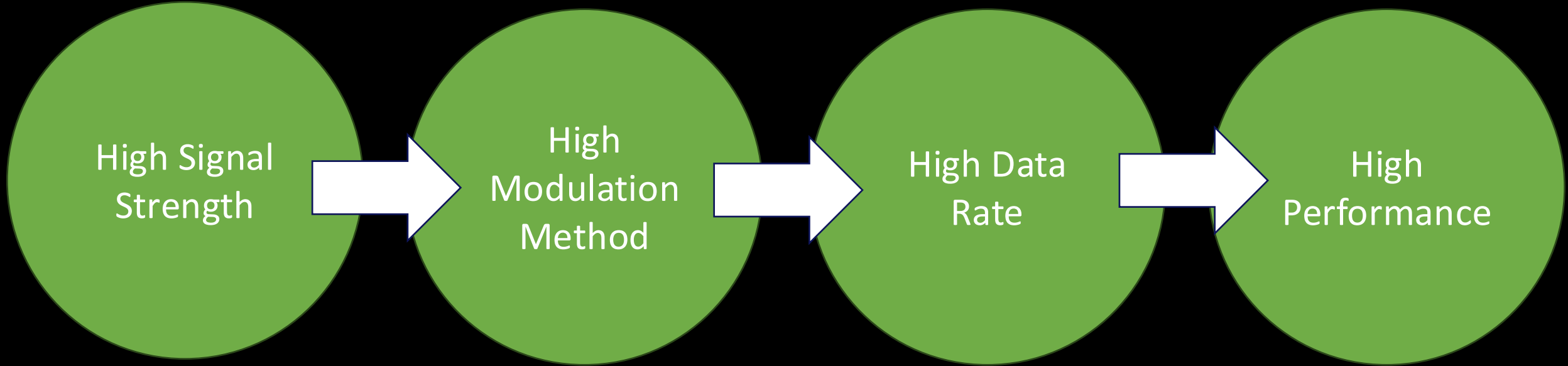
A color scale legend for signal strength. It features a horizontal bar with a gradient from yellow to green. The word "cent" is on the left, "High" is on the right, and the number "-65" is at the bottom left. A small icon of a hand with a cursor is positioned above the bar.



m	Ch.	MHz
45	40	



0C1029



High Signal  
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# How to fix your Wi-Fi

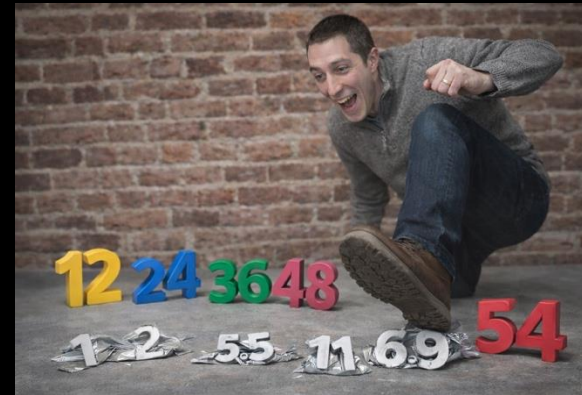
Place access points as close to the users as possible



Disable 2.4 GHz on business and mission critical networks



Disable lower data rates



Increase AP Minimum Tx Power

