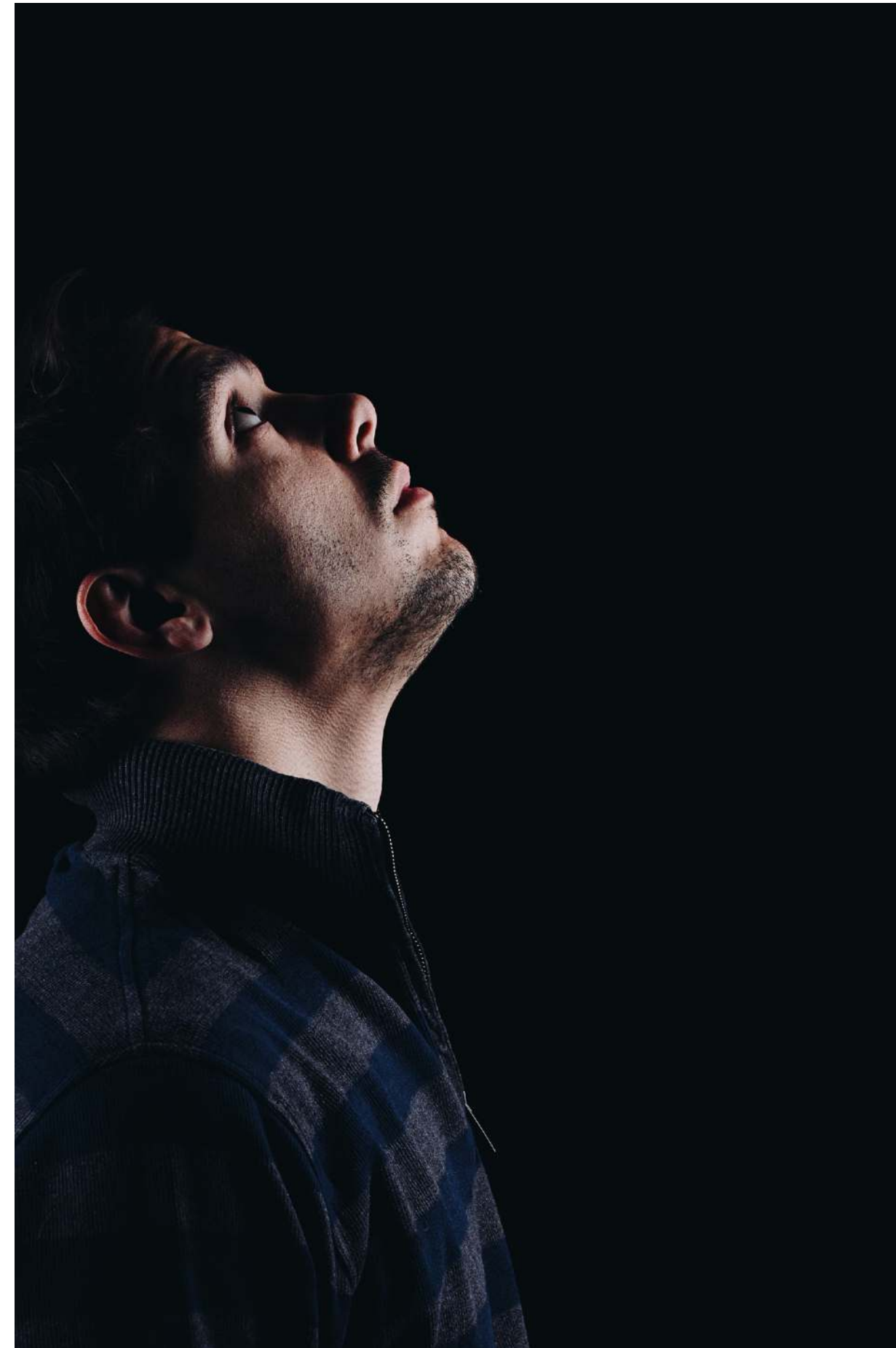


Access Point Deployment;
How (not) to?

GROUP 1



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

WHO AM I?

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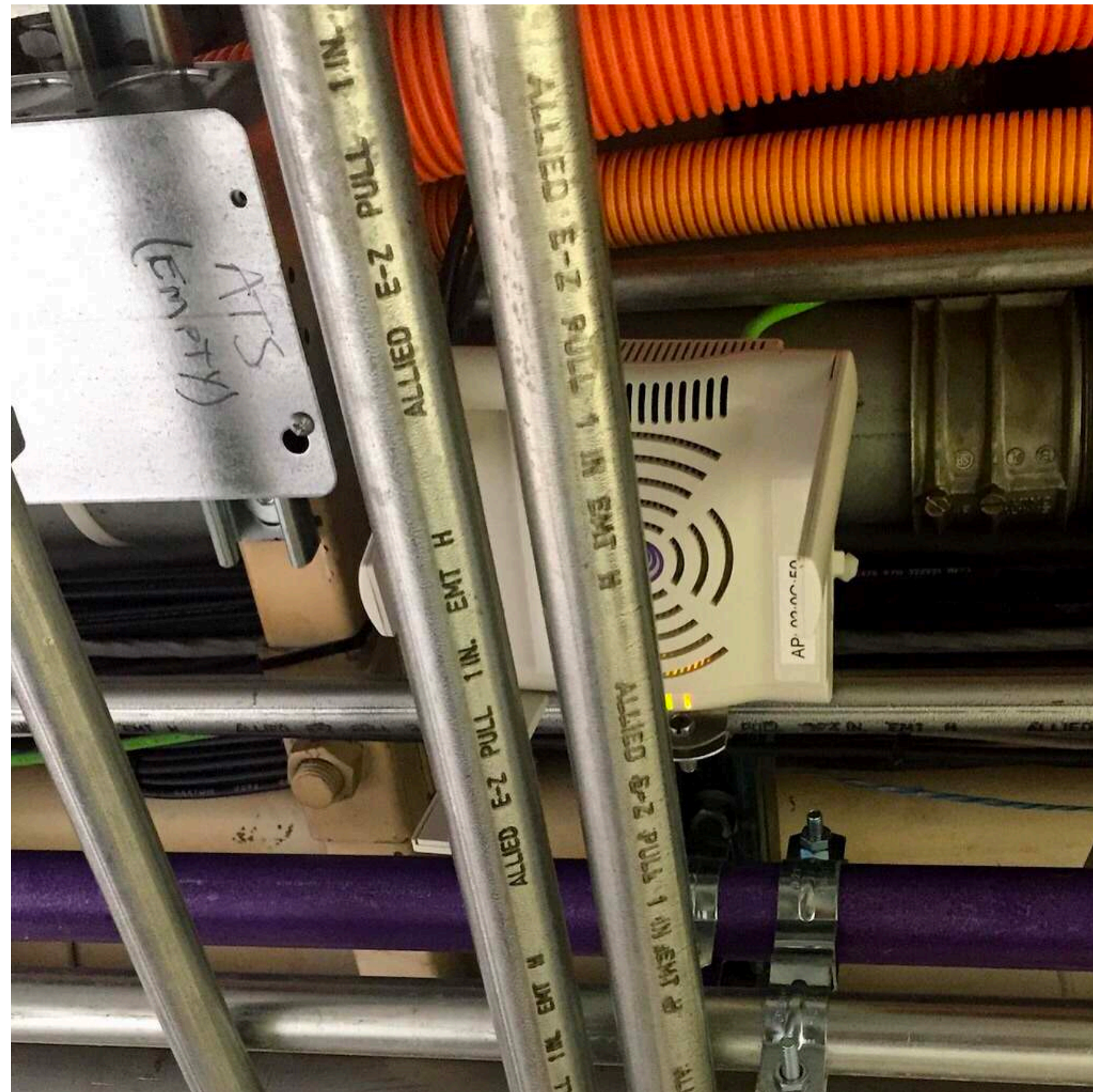
ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

CONCLUSION

- When you do a Wi-Fi design, do not take only access point placement in your mind!
- Transmit Power Settings, channels or other configuration settings are important as well!
- Fine-tune the settings if you can, default is not always good!
- It depends! ; 42 ; ‘*’

ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

WRONG DEPLOYMENT

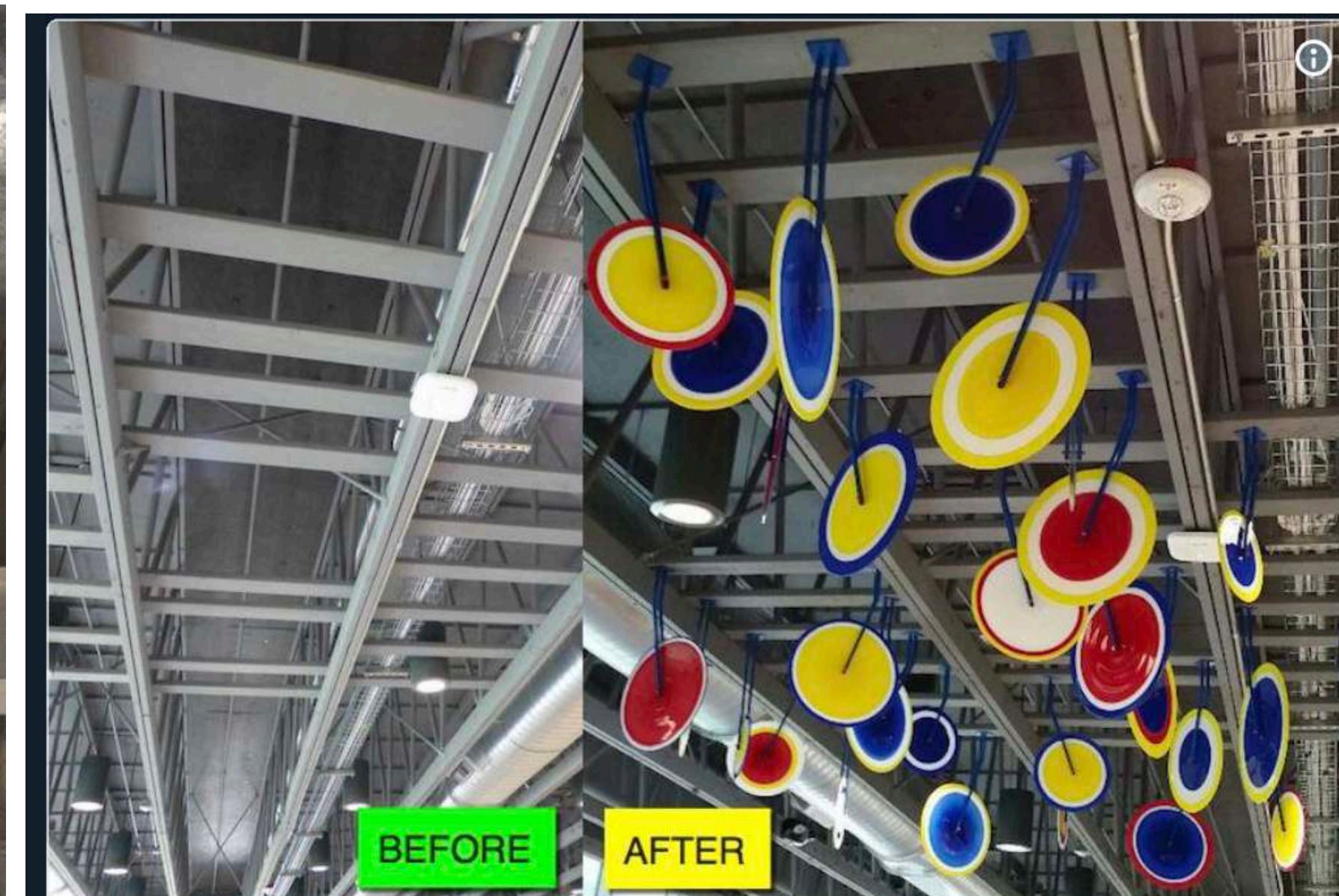


W. T. Smith
@WiFiTodd

@HeyEddie BadFi example. Poor little AP all up in that metal!

5:44 PM - Dec 8, 2015

See W. T. Smith's other Tweets



Scott McDermott
@scottm32768

From the unexpected attenuators file...

9:13 PM - Aug 20, 2015

See Scott McDermott's other Tweets

All pictures from badfi.com

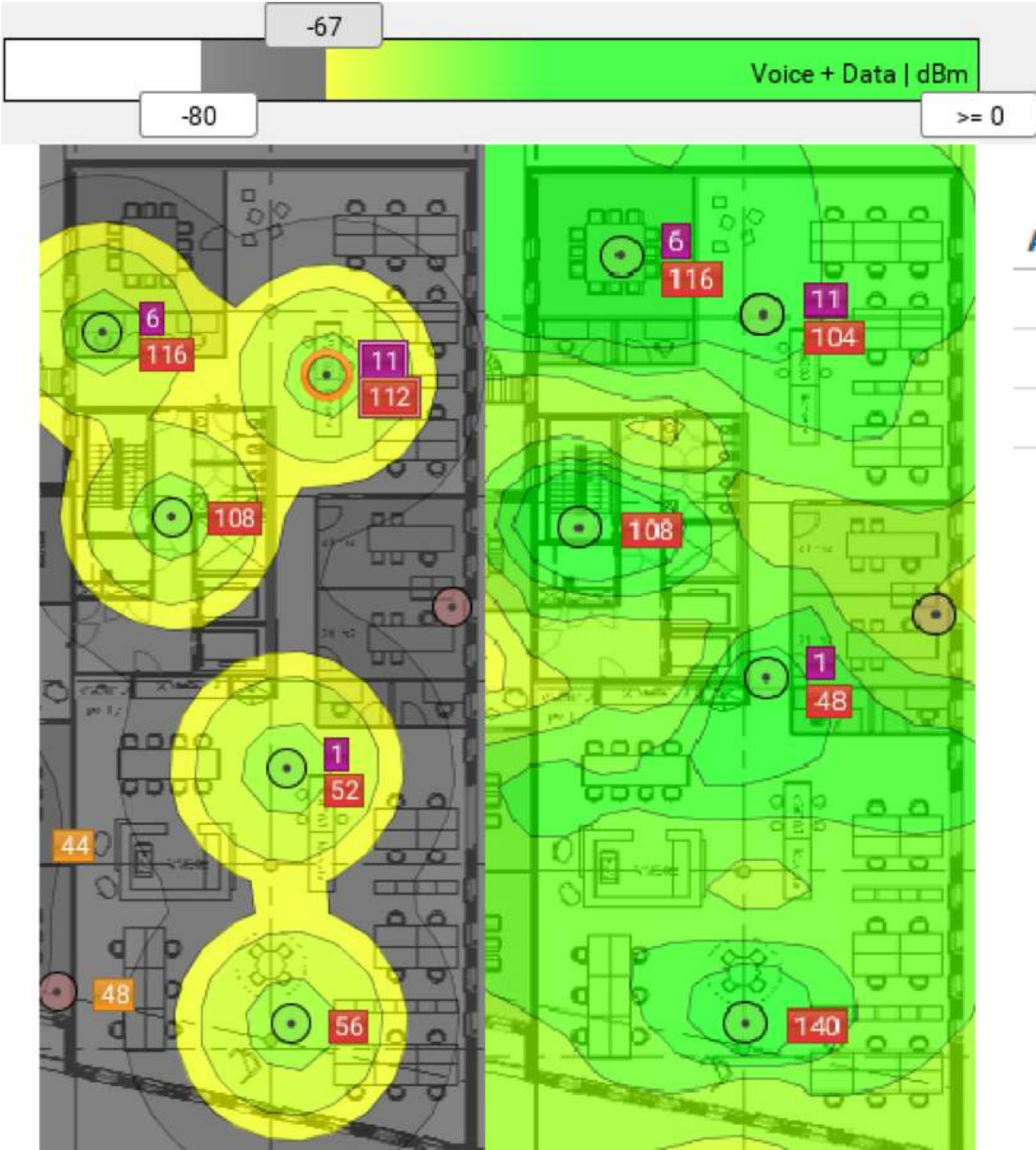
ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

FIND THE ACCESS POINT



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

CASE 1



AP Name	Operational Status	Channel
AP046	UP	140 *
AP042	UP	36 *
AP043	UP	40 *
AP045	UP	48 *



CleanAir Oper Status	Radio Role	Power Level
JP	N/A	3 *
JP	N/A	3 *
JP	N/A	3 *
JP	N/A	3 *

ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

CASE 2



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

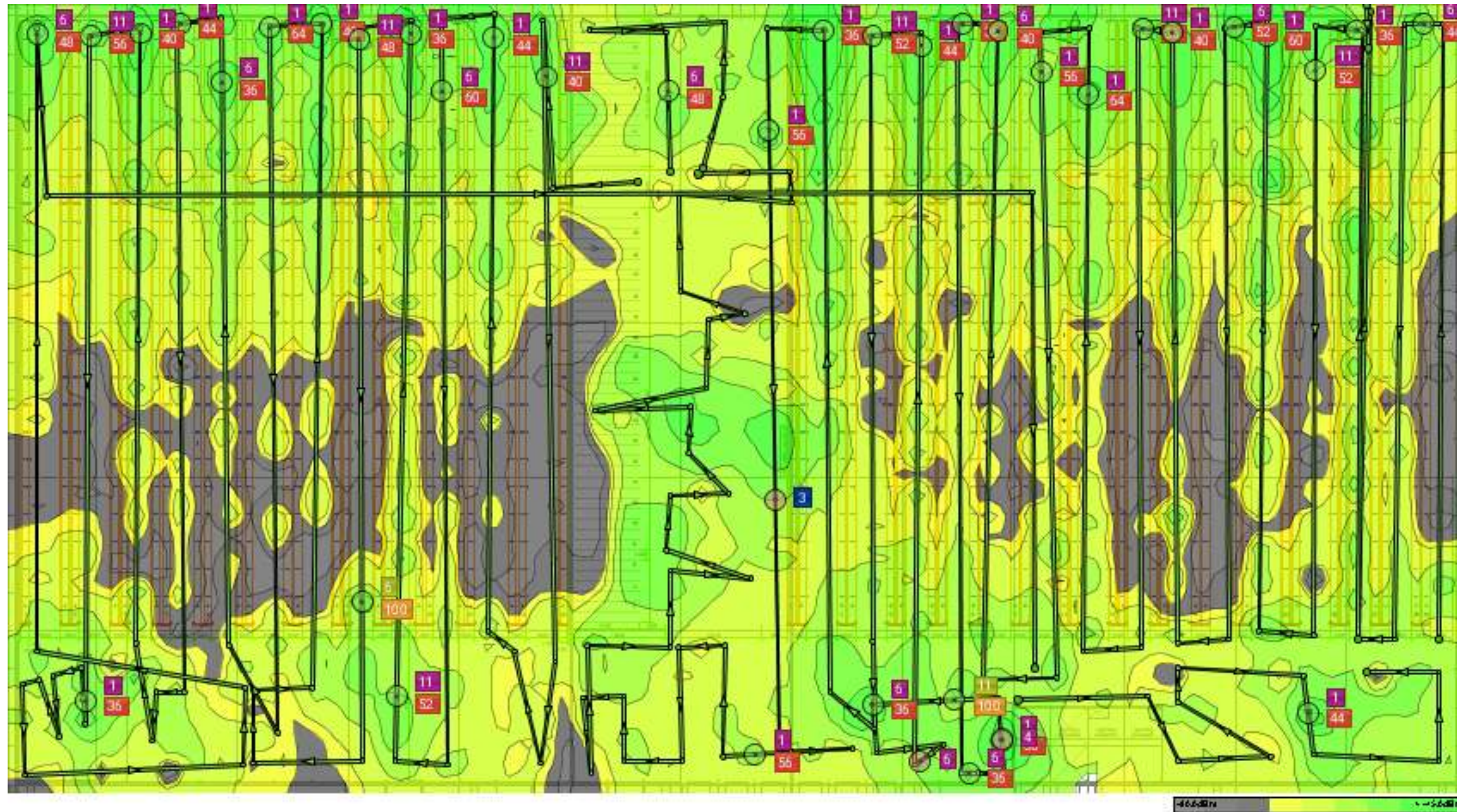
VALIDATION SURVEY

RRM

1.5625 mW or

3.125 mW

Tx power



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

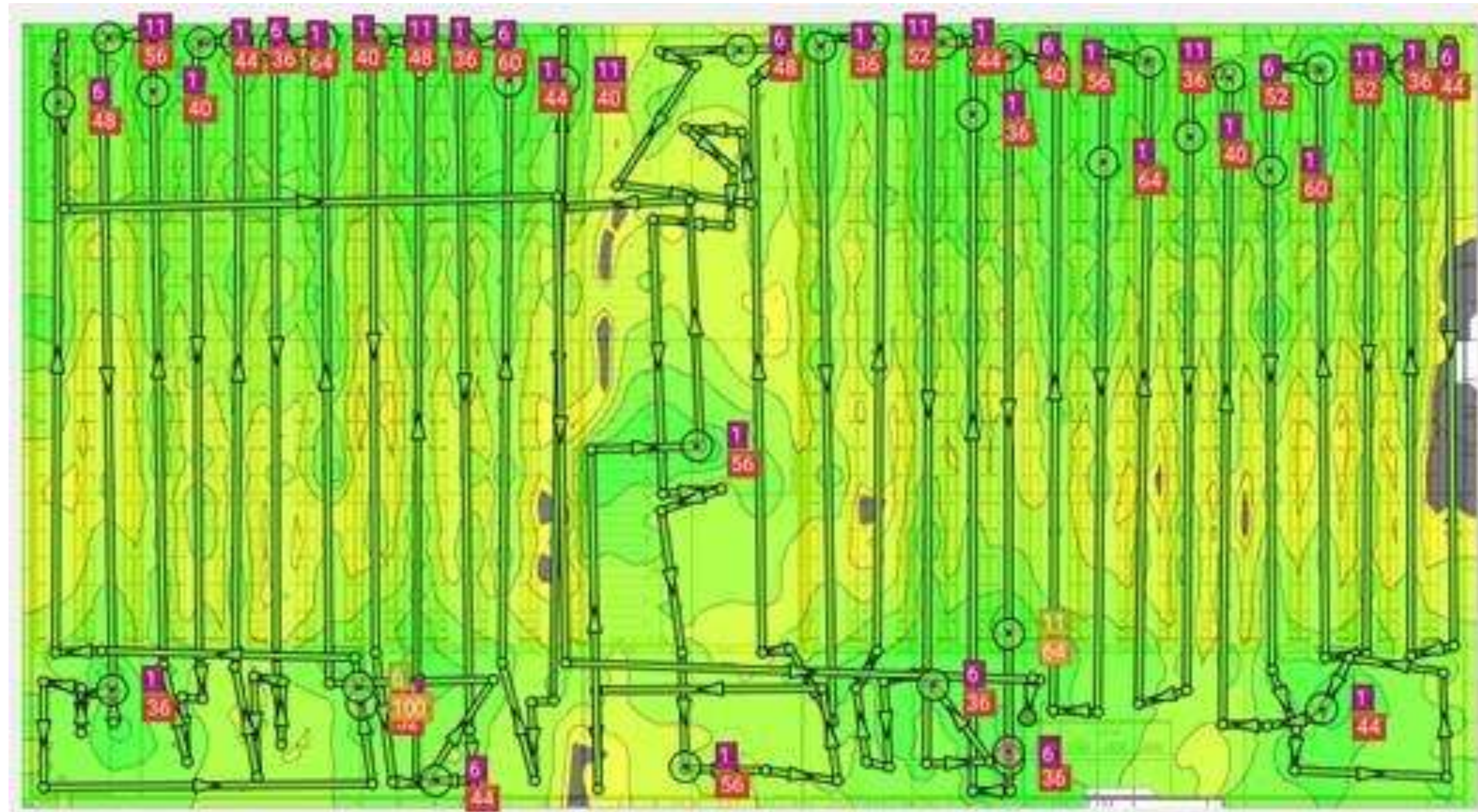
FINE-TUNING

RRM

12.5 mW or

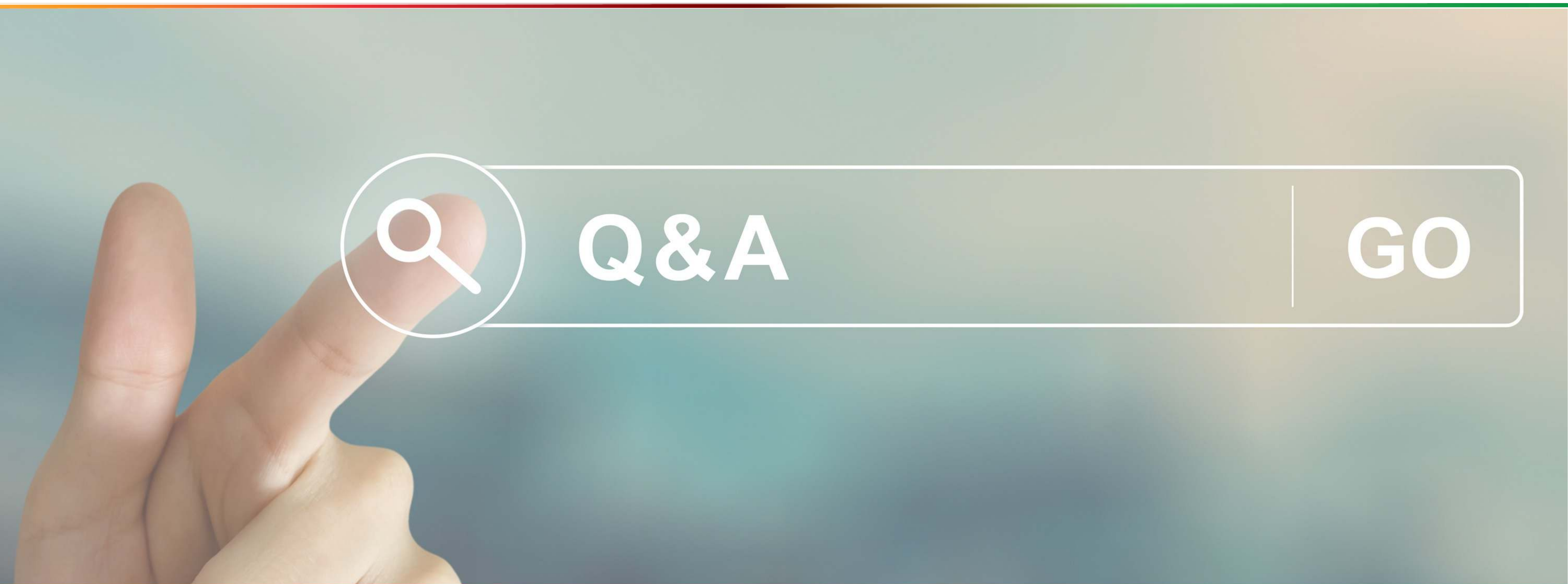
25 mW

Tx power



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?

ACCESS POINT DEPLOYMENT; HOW (NOT) TO?



ACCESS POINT DEPLOYMENT; HOW (NOT) TO?