



AIQOS – QUALITY OF SERVICE (QOS) ASSESSMENT TOOL

NEED FOR ACCURATE QUALITY-OF-SERVICE ASSESSMENT TOOL

MARKET GAP

Few, if any, products on the market help customers like we do. Example: ATOLL provides a sophisticated, but purely physics-based coverage prediction model that is often found to be inaccurate.

CUSTOMERS

Marketing, Sales and Engineering teams need to know, accurately, where the coverage is good, and where gaps exist in FWA, to plan sales/marketing campaigns, as well as future network expansions

FINANCIALS

Potentially thousands of customers of FWA service providers are likely to indirectly use this tool – to find out if they are likely to have good FWA coverage

COSTS

Inaccurate predictions of serviceability is likely to cost service provider in the long run, with high churn rates, sub-optimal network expansion and potential damage to brand image.



OUR SOLUTION - AIQOS

CLOSE THE GAP

Accurately estimate the Quality of Service (QoS) of the service provider's wireless and FWA service at given locations within their service area using patented AI/ML model

TARGET AUDIENCE

A QoS tool/application powered by AI/ML model that the service provider's sales & service and marketing team can use to address QoS concerns of existing customers and potential new customers that they reach out to subscribe.

COST SAVINGS

Accurate serviceability assessment reduces churn, increases targeted acquisitions, allows for accurate planning of network expansions and ultimately boosts brand image

EASY TO USE

Simple design that gives customers the targeted information they need



SAFFRON

Proprietary and Patent Pending

AIQOS

V1 AVAILABLE - FEATURES

- Predict QoS parameter – RSRP
- Receiver height of 0 ft for 80 ft with resolution down to 1 meter covering site radius of 8 to 12 miles
- Ability to define elevation above ground level
- Focused Area Analysis - ability to query point-predictions at any address “in the vicinity” of the selected towers – using a physical address or lat/long.

V2 (IN DEVELOPMENT) - FEATURES

- Predict QoS parameters – SINR, UL/DL
- Separate out LOS and NLOS
- Ability to add towers and train custom models

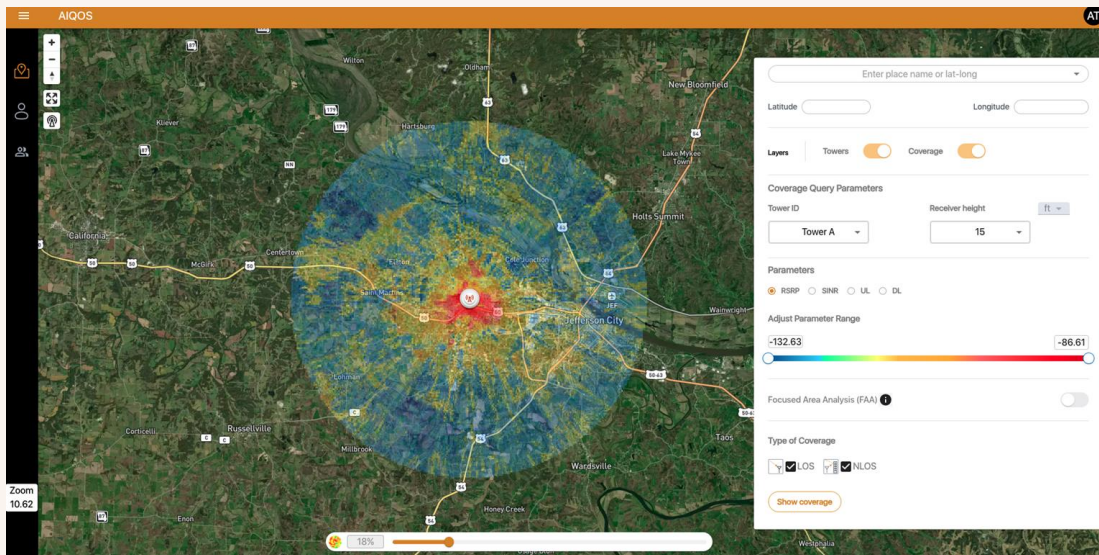


SAFFRON

Proprietary and Patent Pending

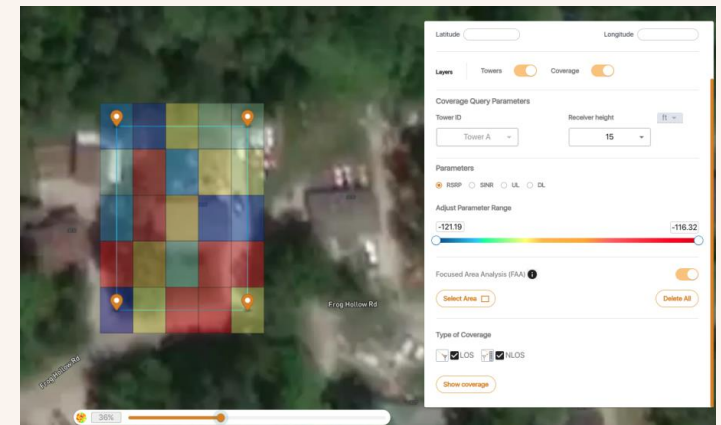
AIQOS

A patented AI based tool that accurately estimates the Quality of Service (QoS) of the service provider's wireless service at given locations within their service area. This tool empowers service providers to address QoS concerns of existing customers and to enroll potential new customers



RSRP of selected tower at receiver height of 10 ft above ground

- Tools available in the market today use purely physics-based coverage prediction model that is often found to be inaccurate.
- Inaccurate QoS predictions cost service provider in the long run, with high churn rates, sub-optimal network expansion and potential damage to brand image.
- AIQOS addresses the gaps using AI driven QoS prediction.



Focused Area Analysis - RSRP for selected house showing strong RSRP spots (red) that the owner can choose to install receiver



Proprietary and Patent Pending