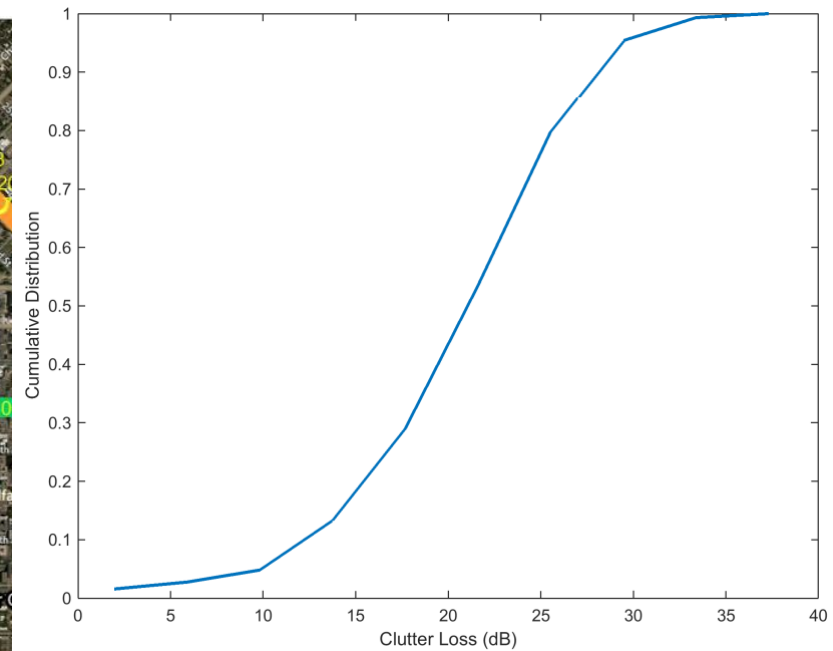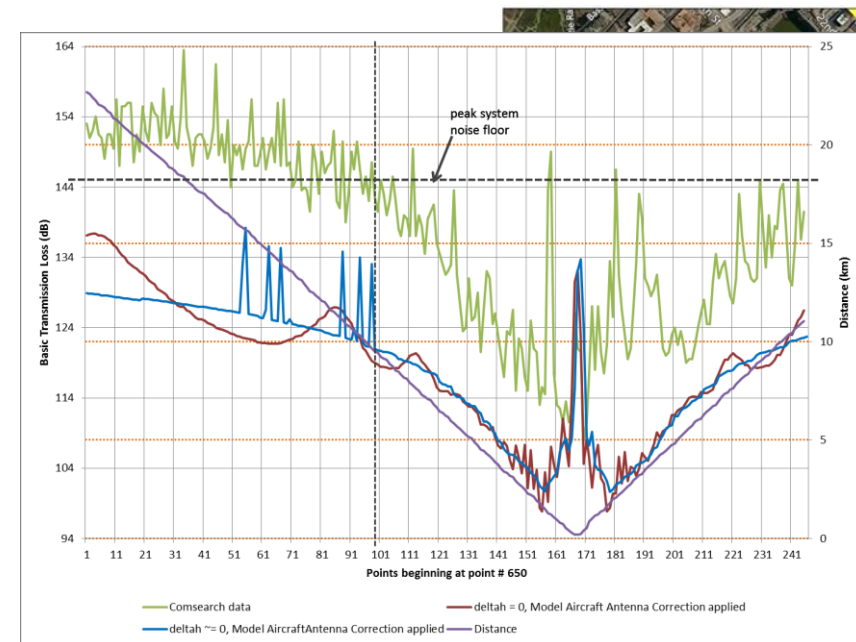# Roadside Chat – Propagation for the Future

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Propagation for the Future: Questions

How should we approach modeling as we move to bands above 3 GHz where there are no real mobile propagation models? Refine existing models? Create new ones?

Does propagation modeling make sense in dense environments considering the poor performance of most models in clutter?

Should we still do propagation measurements to verify models? Is there a better way than drive testing?

How do we use deep learning and big data to inform propagation modeling?

How can we use "crowd-sourced" data (i.e., data reported from devices) to improve coverage predictions?

How do we use centralized spectrum management systems such as SAS to derive propagation data?

How do we apply all this to indoor prediction?

How do we apply to mmWave? Do we need modeling or just good data?

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