

Wireless Propagation Coverage Analysis Request for Information (RFI) Questions and Responses

Questions were due October 29, 2018, responses issued November 5, 2018

1. Will the State make available the report from 2011 and updated 2013, documenting the propagation maps for each facilities-based provider of Cellular Mobile Radio Services (“CMRS”) in the state, as referenced in the RFI?

The report will be posted on the RFI page.

2. What is your deadline to have this project completed?

The Legislature directed the PSD to submit a report before December 1, 2018, with findings related to the costs of completing a statewide propagation coverage analysis. The directive does not say when such a report would be required. Presumably the cost of the project will influence whether the Legislature will provide funding for and request it.

3. Do you have a working budget set aside for this? Crowd sourced data gets more expensive as longer collection periods are used to get more granularity – more data = more cost.

There is no budget for this project. The purpose of this Request for Information is to determine the approximate cost of such a project.

4. WiFi coverage analysis?

The description in the legislation, “statewide propagation coverage analysis” is vague. the Legislature presumably seeks information about availability of Commercial Mobile Radio Service (“CMRS”). It could also include analysis of service offered using unlicensed spectrum, for instance from Wireless Internet Service Providers “WISPs”, although this analysis should probably be listed as a separate task with a separate price.

5. Any requirements for in-building assessments?

The legislation provides no guidance on whether in-building assessments are sought.

6. 90 m bins versus 100m bins used in FCC analysis?

Bidders should offer what they feel is most appropriate.

7. Showing QAM and MIMO numbers applied might be a better view than data rate?

Bidders should offer what they feel is most appropriate.

8. Audio quality lets one know if communications are reliable. Would you like to use audio quality testing such as VoLTE/voice call assessment - MOS score?

Bidders should offer what they feel is most appropriate.

9. Analysis of rural broadband coverage and band 14 coverage? Is there an emphasis on this?

The RFI seeks information on the cost to provide “statewide propagation coverage analysis”. This conceivably includes “rural broadband” coverage, to the extent that the broadband internet access service is offered wirelessly. It could also include band 14 coverage.

10. Any long term planning that our proposal should take into consideration?

The RFI describes two potential uses for the analysis, should it be undertaken.

11. Does this analysis take into account monitoring and reporting on the AT&T FirstNet commitments?

No.