
Title **0005** 10/31/2023

by **Friday Otuya** in **Kansas BEAD Volume 2 Public comment** id. 44562455

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Please provide your first and last name Friday Otuya

Please provide an email that we can contact you through fridayc.otuya@gmail.com

Please provide your address (not required)

Are you filing a comment on behalf of an organization? Yes

Which organization are filing on behalf of? Nex-Tech

Please indicate which sections of volume 2 you are responding to: Requirement 2: Local, Tribal, and Regional Broadband Planning Processes

Please provide your response to Requirement 2: Local, Tribal, and Regional Broadband Planning Processes

Our team at Nex-Tech have a couple of thoughts regarding the speed test which is part of the speed challenge process for broadband serviceable locations. While we acknowledge the need for such speed testing, we also think that there are many variables outside the control of service providers (which many customers are unaware of) which can impact the results. Some of them include:

- Capacity of device that is running test.
- Capacity of Network Infrastructure inside the premise (either LAN or Wi-Fi)
- Thresholds which may be set on devices on the network inside the premise.
- Wireless Interference inside the premise on Wi-Fi
- Location and capacity of the speed test server.

Many Kansans running the speed tests today, most likely do not understand why their test is coming back with results that describe them as underserved when they already connected with fiber, or why they are seeing speeds lower than what they are paying for. We recommend two things:

There needs to be some technical education on the many variables that can impact internet speed of a device, and indeed there are many. The technical experts can investigate this.

The speed tests should not be the only vehicle for determining broadband serviceable locations. We should utilize more than one index to determine the actual internet speed a provider offers on the ground.

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