What is "Bus Errors"?

The N2KMeter tracks network data transmission errors in real-time, and lets
, marginal , or unacceptable . Any
error rate greater than zero is undesirable (although your network may still
function since CAN automatically retransmits after errors). An error rate
greater than 10/s indicates a problem that should be investigated. The
N2KMeter uses unique technology to accurately determine which node was
attempting to transmit when a bus error occurs.

Note: Node error measurements only include errors known to have occurred
when the node is transmitting. Frames with corrupt ID fields, and frames that
cannot be attributed to specific nodes are not included in node measurements.
you know if the error rate is acceptable
It is common for the sum of per-node results to
be less than the overall network values.

The CAN Error Frame

The **error frame** is a special message that violates the formatting rules of
a **CAN** message. It is transmitted when a node detects an **error** in a message,
and causes all other nodes in the network to send an **error frame** as well. The
original transmitter then automatically retransmits the message. - www.ti.com
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