**IEEE P802.15**

**Wireless Personal Area Networks**

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| Title | **Performance metrics for proposal evaluation** |
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| Re: |  |
| Abstract | This document present a proposal on the performance metrics to be used to compare the proposals to TG10 |
| Purpose | The proposed performance will be used for proposal comparison |
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**Introduction**

This document suggests a list of performance metrics to be presented in the simulation results. These metrics will be used to evaluate and compare the different proposals. Additional performance metrics may be added if agreed by the group

**Performance metrics**

* Initialization time
* Construction overhead
* Routing overhead
* Recovery time
* End to end successful transmission ratio
* End to end transmission delay (Min, Max, Average)
* Number of hops (Max, Average)
* Battery consumption in 24 hours in duty cycling and non-duty cycling mode