Analysis of voice quality over infrastructured WLAN with Distribution System

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Abstract—**This assignment presents a study about voice transmission in WLAN networks based on IP protocol (VoIP). The assignment presents an statistical analysis of the QOS (Quality of Service) metrics of these networks for VoIP transmission. We considered to make calls on a scenario where WDS (Wireless Distribution System) exists. The objetive is to analyse the impact that the WDS may bring on in voice transmission. The results found are compared between the two environments and presented in tabular and graph form.**

Keyword— **WDS, WLAN, VoIP.**

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